

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061120\
 Data File : VX016694.D
 Acq On : 11 Jun 2020 11:25
 Operator : JC/SP
 Sample : VX0611WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/12/2020 5:45:28 PM

Quant Time: Jun 12 07:07:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	232136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	340438	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	314395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	158522	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	133641	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
35) Dibromofluoromethane	5.46	113	107293	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	8.70	98	410250	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.12	95	152072	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	37478	16.406	ug/l	96
3) Chloromethane	1.31	50	40570	14.696	ug/l	99
4) Vinyl Chloride	1.39	62	46814	16.035	ug/l	97
5) Bromomethane	1.62	94	33408	23.535	ug/l	99
6) Chloroethane	1.71	64	30368	17.832	ug/l	96
7) Trichlorofluoromethane	1.92	101	75117	19.592	ug/l	97
8) Diethyl Ether	2.17	74	27945	17.479	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	41989	19.898	ug/l	97
10) Methyl Iodide	2.49	142	41736	18.598	ug/l	98
11) Tert butyl alcohol	3.00	59	61377	83.026	ug/l	99
12) 1,1-Dichloroethene	2.36	96	41556	18.605	ug/l	96
13) Acrolein	2.27	56	23173	73.690	ug/l	99
14) Allyl chloride	2.70	41	64218	15.633	ug/l	94
15) Acrylonitrile	3.11	53	124397	82.148	ug/l	100
16) Acetone	2.42	43	110459	87.455	ug/l	99
17) Carbon Disulfide	2.55	76	106474	16.052	ug/l	97
18) Methyl Acetate	2.75	43	57480	17.744	ug/l	95
19) Methyl tert-butyl Ether	3.16	73	144980	18.076	ug/l	100
20) Methylene Chloride	2.83	84	46395	17.754	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	44577	18.042	ug/l	94
22) Diisopropyl ether	3.82	45	130464	16.533	ug/l	93
23) Vinyl Acetate	3.78	43	557494	80.712	ug/l	96
24) 1,1-Dichloroethane	3.67	63	78422	17.607	ug/l	99
25) 2-Butanone	4.63	43	170240	79.545	ug/l	98
26) 2,2-Dichloropropane	4.54	77	76158	20.896	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	50332	17.609	ug/l	98
28) Bromochloromethane	4.97	49	34827	16.827	ug/l	85
29) Tetrahydrofuran	5.09	42	106854	77.282	ug/l	92
30) Chloroform	5.17	83	84267	18.777	ug/l	100
31) Cyclohexane	5.54	56	62918	15.702	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	78783	19.390	ug/l	98
36) 1,1-Dichloropropene	5.76	75	58779	18.236	ug/l	96
37) Ethyl Acetate	4.79	43	63721	16.466	ug/l	98
38) Carbon Tetrachloride	5.75	117	70006	20.667	ug/l	96

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	65177	18.616	ug/l	98
40) Benzene	6.11	78	180622	18.817	ug/l	99
41) Methacrylonitrile	5.00	41	35897	16.888	ug/l	97
42) 1,2-Dichloroethane	6.16	62	65627	19.225	ug/l	99
43) Isopropyl Acetate	6.41	43	99952	16.559	ug/l	97
44) Trichloroethene	7.19	130	60399	19.832	ug/l	94
45) 1,2-Dichloropropane	7.49	63	44606	18.254	ug/l	97
46) Dibromomethane	7.63	93	31475	19.177	ug/l	95
47) Bromodichloromethane	7.87	83	67302	19.803	ug/l	100
48) Methyl methacrylate	7.74	41	47452	16.418	ug/l	93
49) 1,4-Dioxane	7.71	88	24473	361.828	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	322772	85.877	ug/l	98
52) Toluene	8.76	92	116569	19.258	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	74181	19.196	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	78452	19.180	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	47749	19.840	ug/l	96
56) Ethyl methacrylate	9.16	69	69012	17.607	ug/l	98
57) 1,3-Dichloropropane	9.35	76	78496	19.002	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	166168	81.222	ug/l	94
59) 2-Hexanone	9.47	43	245758	84.081	ug/l	96
60) Dibromochloromethane	9.56	129	55768	20.591	ug/l	100
61) 1,2-Dibromoethane	9.65	107	50636	19.648	ug/l	100
64) Tetrachloroethene	9.32	164	71532	20.337	ug/l	95
65) Chlorobenzene	10.12	112	124678	19.452	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	50976	20.834	ug/l	99
67) Ethyl Benzene	10.23	91	215420	18.877	ug/l	97
68) m/p-Xylenes	10.34	106	162978	38.518	ug/l	99
69) o-Xylene	10.68	106	78174	19.077	ug/l	97
70) Styrene	10.70	104	138464	19.659	ug/l	99
71) Bromoform	10.84	173	43590	21.080	ug/l	100
73) Isopropylbenzene	11.00	105	214376	19.518	ug/l	99
74) N-amyl acetate	10.88	43	80769	15.987	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	53007	19.256	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	68152m	19.559	ug/l	
77) Bromobenzene	11.24	156	56845	19.732	ug/l	95
78) n-propylbenzene	11.34	91	232947	18.983	ug/l	99
79) 2-Chlorotoluene	11.40	91	143692	19.184	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	177978	19.406	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.05	75	25726	18.162	ug/l	98
82) 4-Chlorotoluene	11.49	91	173576	19.624	ug/l	99
83) tert-Butylbenzene	11.76	119	153317	19.565	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	179721	19.377	ug/l	99
85) sec-Butylbenzene	11.93	105	189556	19.283	ug/l	99
86) p-Isopropyltoluene	12.05	119	183887	19.969	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	97843	19.604	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	97630	19.126	ug/l	97
89) n-Butylbenzene	12.37	91	145441	18.962	ug/l	99
90) Hexachloroethane	12.58	117	31960	20.093	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	96079	19.870	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16155	18.119	ug/l	100

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ClientSampleId :
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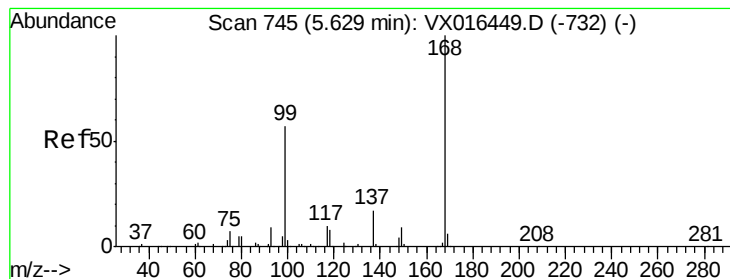
Manual Integrations
APPROVED

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6/12/2020 5:45:28 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	65546	20.410	ug/l	99
94) Hexachlorobutadiene	13.76	225	31820	25.236	ug/l	97
95) Naphthalene	13.82	128	206279	18.737	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	66704	21.201	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion:168 Resp: 232136

Ion Ratio Lower Upper

168 100

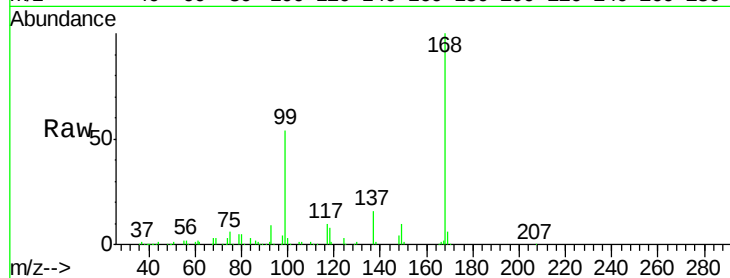
99 53.7 45.2 67.8

Manual Integrations

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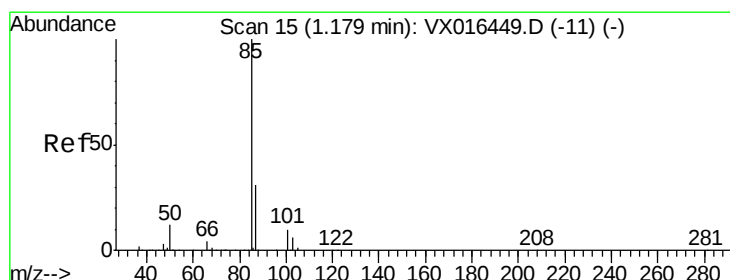
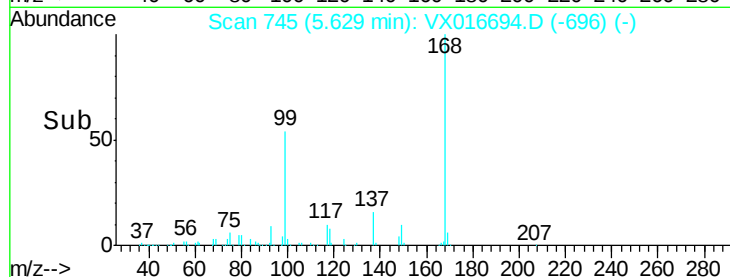
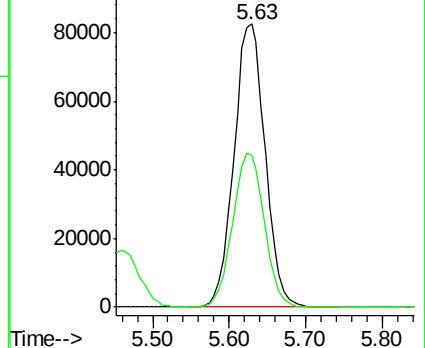
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.406 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016694.D

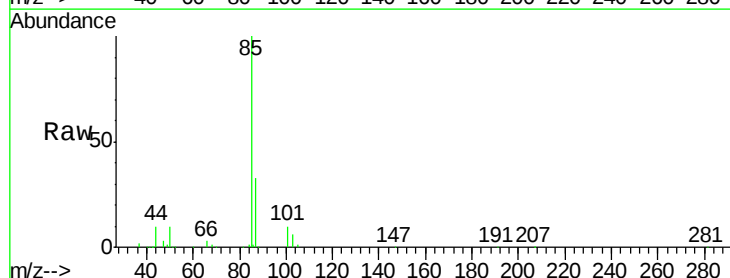
Acq: 11 Jun 2020 11:25

Tgt Ion: 85 Resp: 37478

Ion Ratio Lower Upper

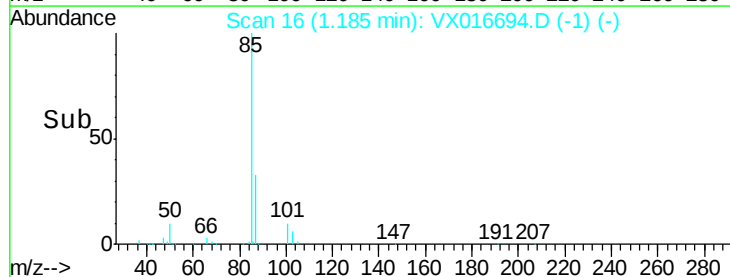
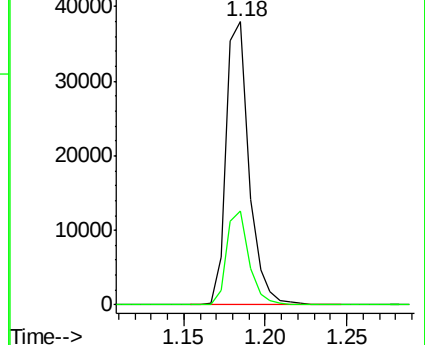
85 100

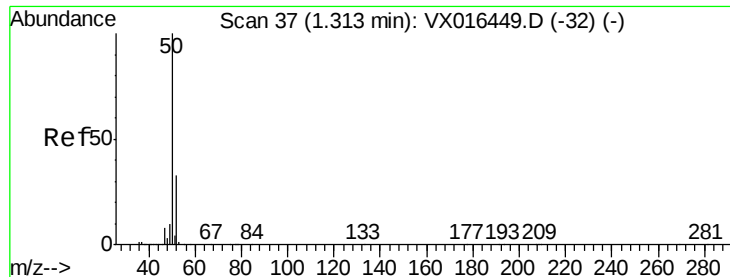
87 33.1 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 14.696 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion: 50 Resp: 40570

Ion Ratio Lower Upper

50 100

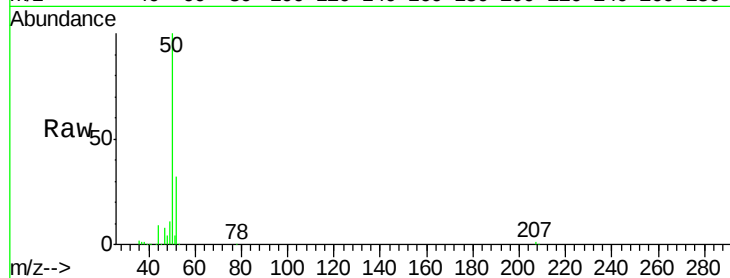
52 31.9 26.2 39.2

Manual Integrations

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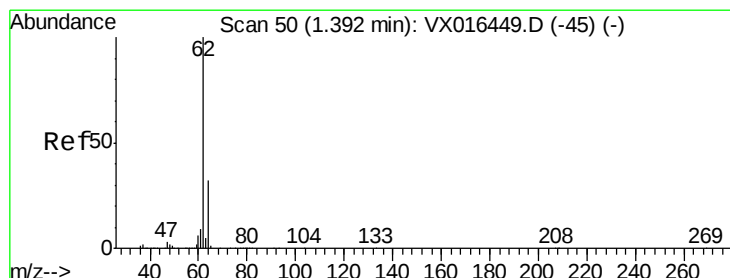
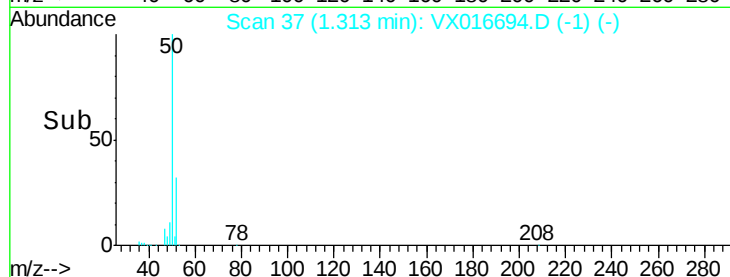
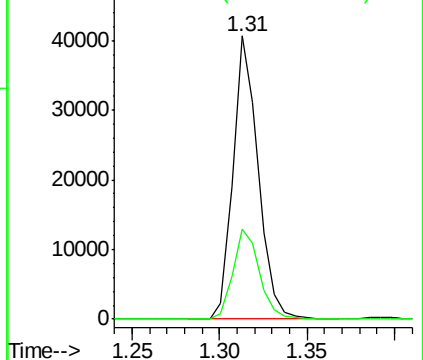
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.035 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016694.D

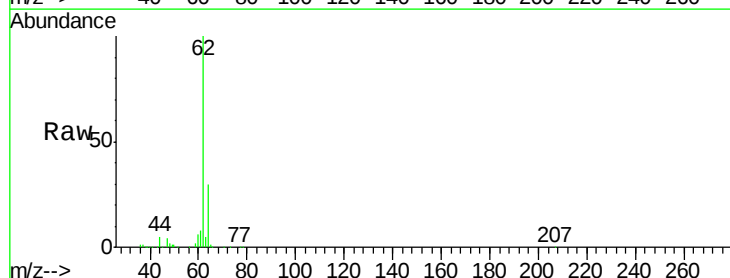
Acq: 11 Jun 2020 11:25

Tgt Ion: 62 Resp: 46814

Ion Ratio Lower Upper

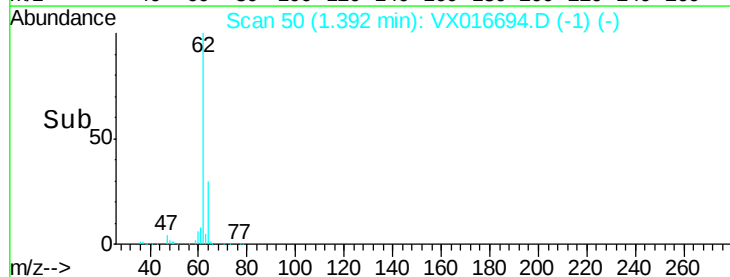
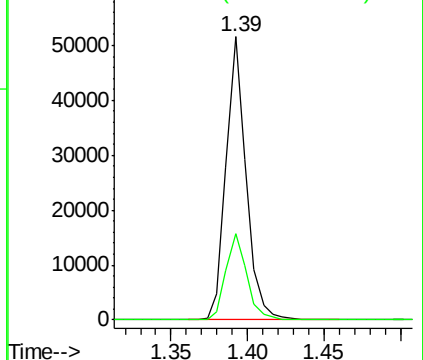
62 100

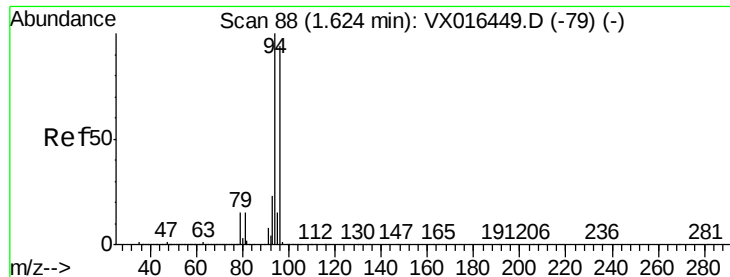
64 30.4 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.535 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion: 94 Resp: 33408

Ion Ratio Lower Upper

94 100

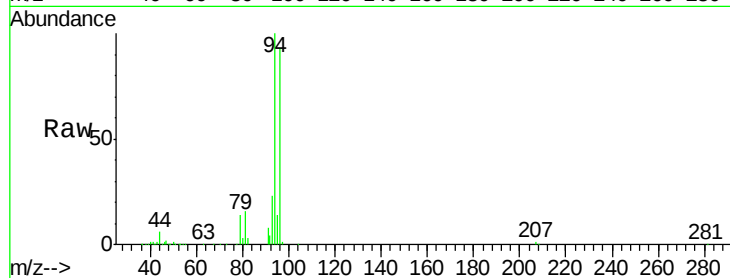
96 92.7 75.1 112.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

25000

20000

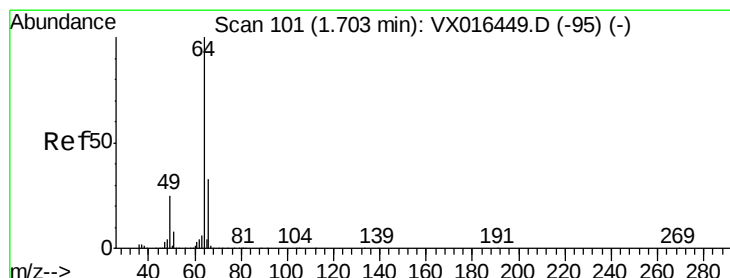
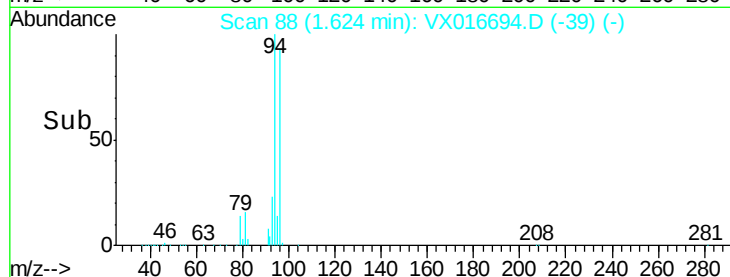
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 17.832 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016694.D

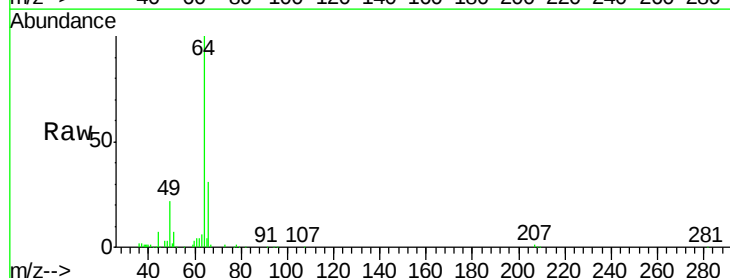
Acq: 11 Jun 2020 11:25

Tgt Ion: 64 Resp: 30368

Ion Ratio Lower Upper

64 100

66 31.1 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

25000

20000

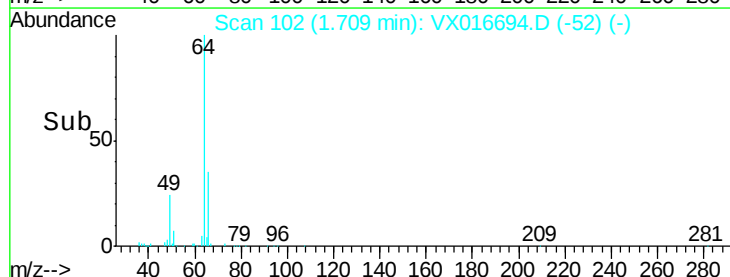
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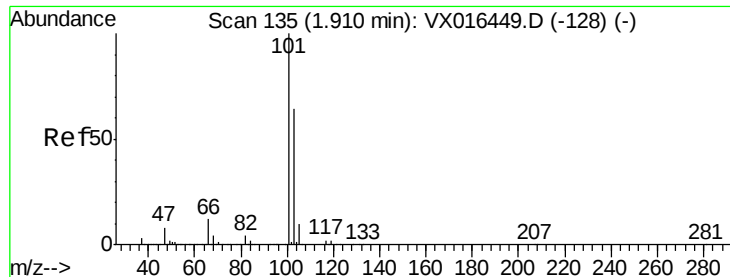
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5000

0

Time-->





#7

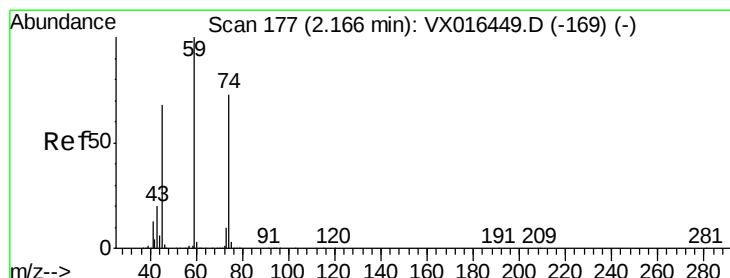
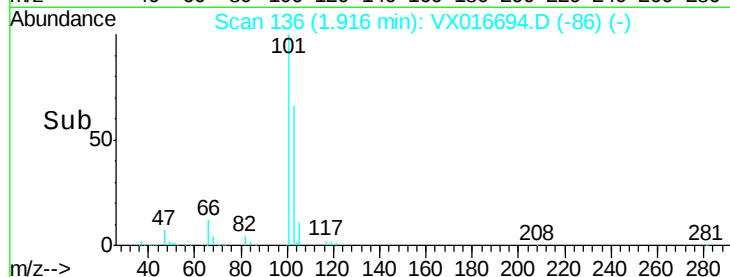
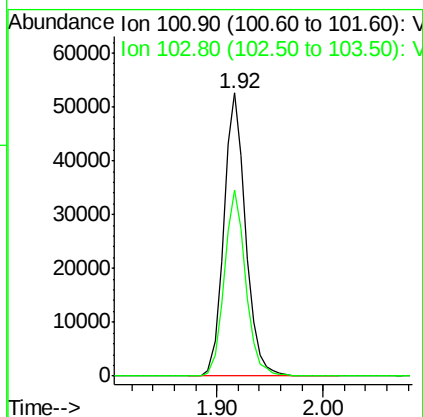
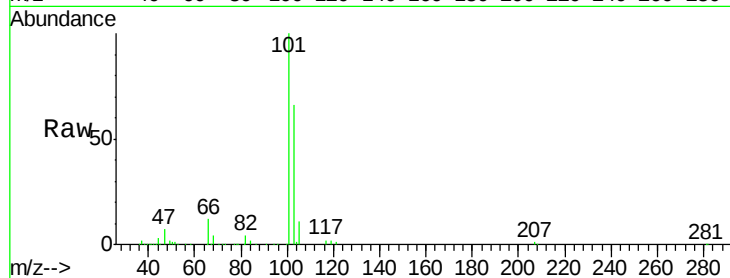
Trichlorofluoromethane
Concen: 19.592 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

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MSVOA_X
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VX0611WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	50.9	76.3

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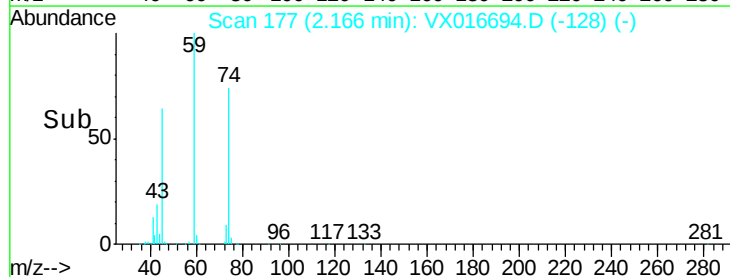
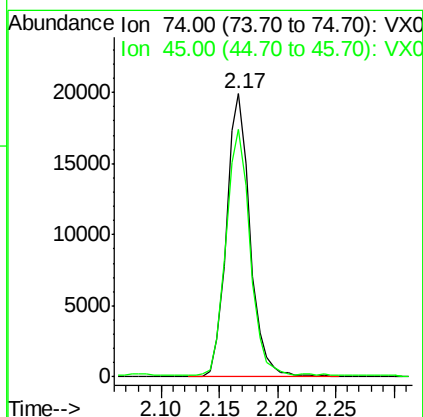
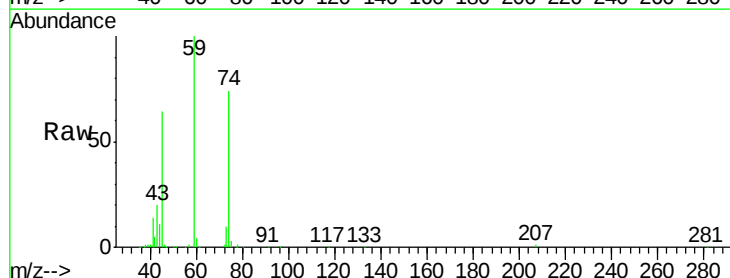
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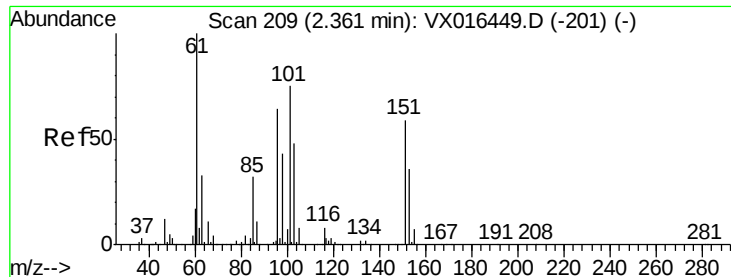


#8

Diethyl Ether
Concen: 17.479 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.6	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.898 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Instrument :

MSVOA_X

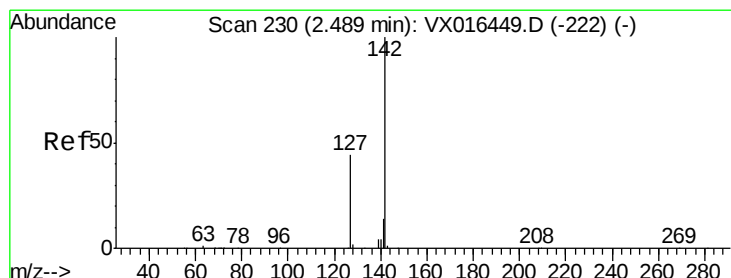
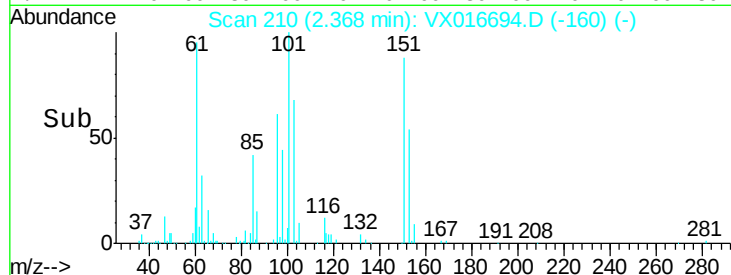
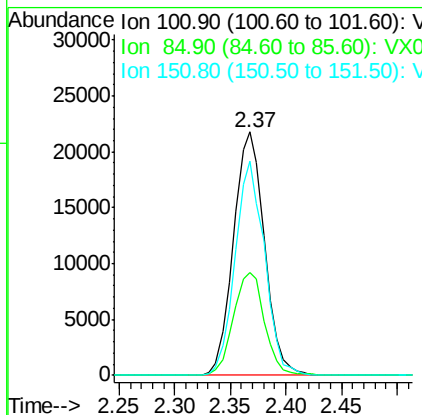
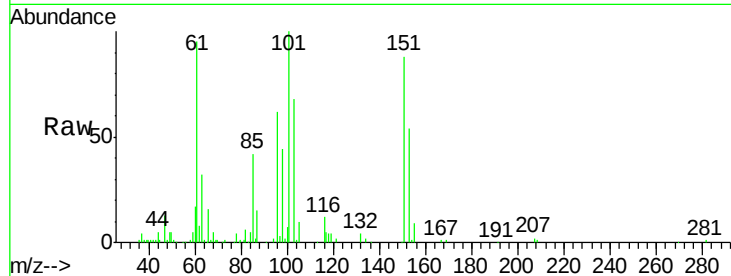
ClientSampleId :

VX0611WBS01

Tot Ion:	101	Resp:	41989
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.4	51.6
151	83.7	63.8	95.6

Manual Integrations
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#10

Methyl Iodide

Concen: 18.598 ug/l

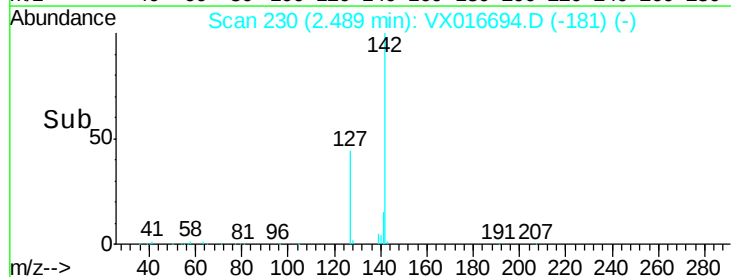
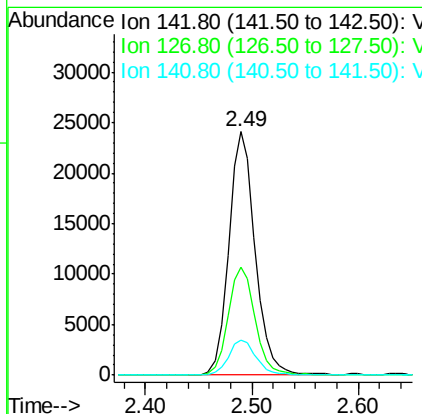
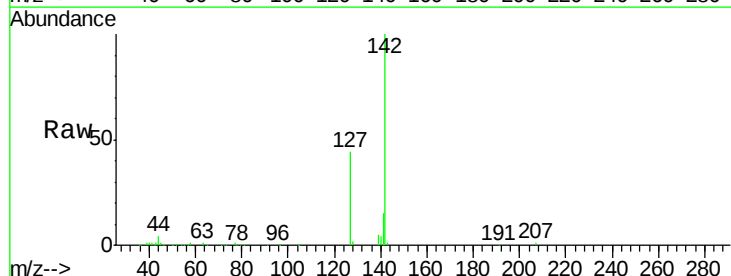
RT: 2.49 min Scan# 230

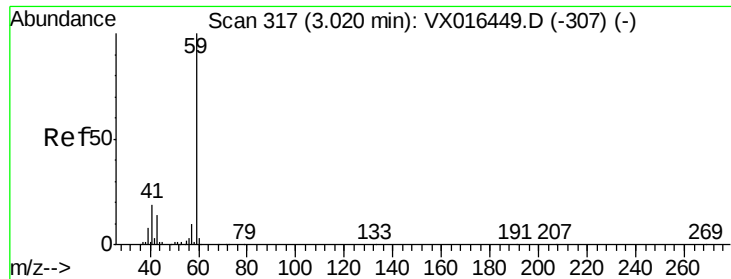
Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Tgt Ion:	142	Resp:	41736
Ion Ratio	Lower	Upper	
142	100		
127	45.4	35.3	52.9
141	14.9	11.4	17.2





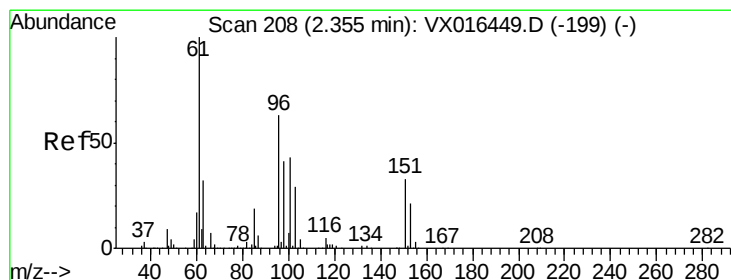
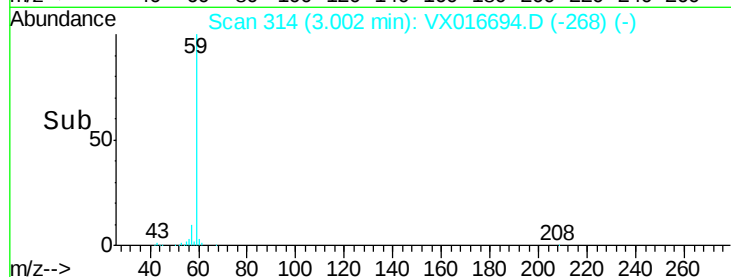
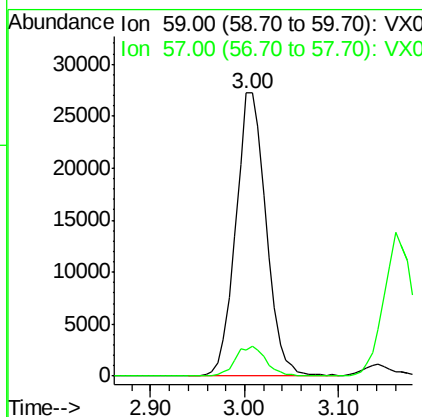
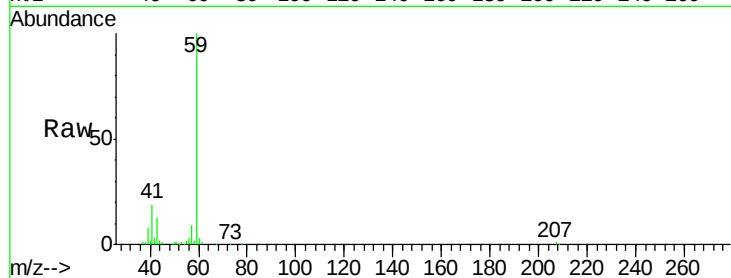
#11
Tert butyl alcohol
Concen: 83.026 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.4

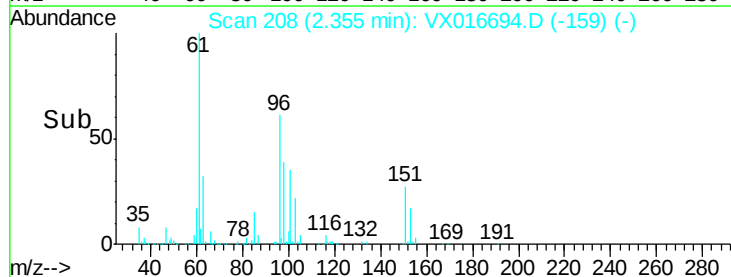
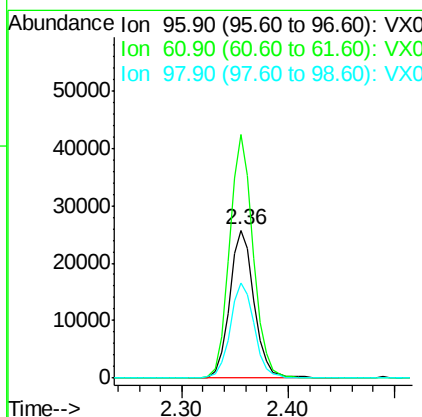
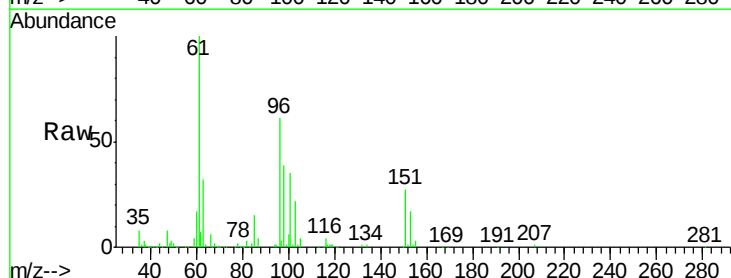
Manual Integrations
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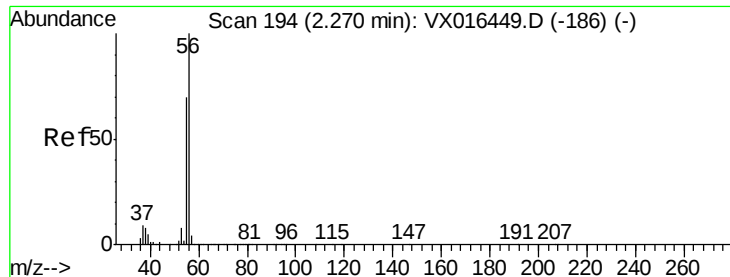
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.605 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.6	126.6	189.8
98	64.3	51.3	76.9





#13

Acrolein

Concen: 73.690 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion: 56 Resp: 23173

Ion Ratio Lower Upper

56 100

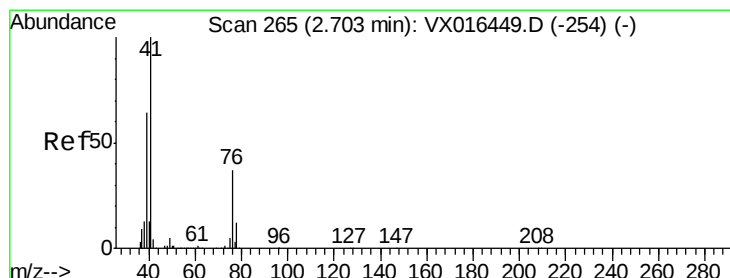
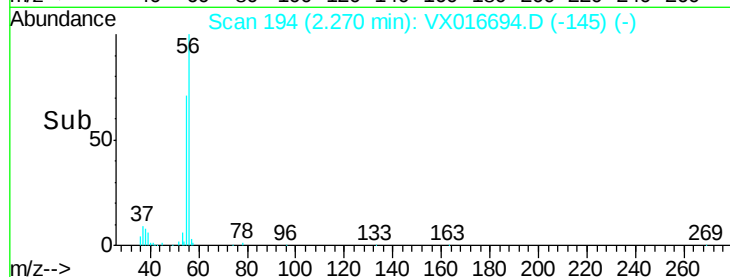
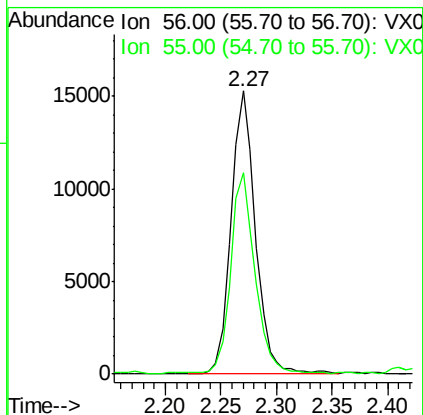
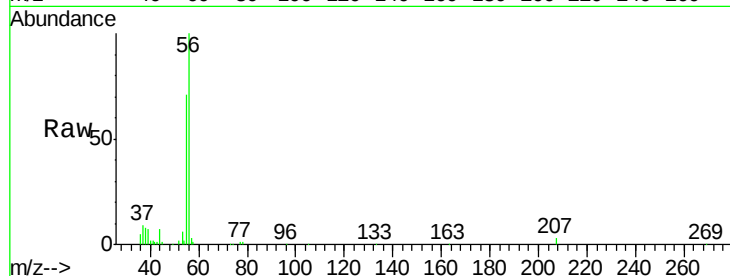
55 72.3 58.3 87.5

Manual Integrations

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#14

Allyl chloride

Concen: 15.633 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

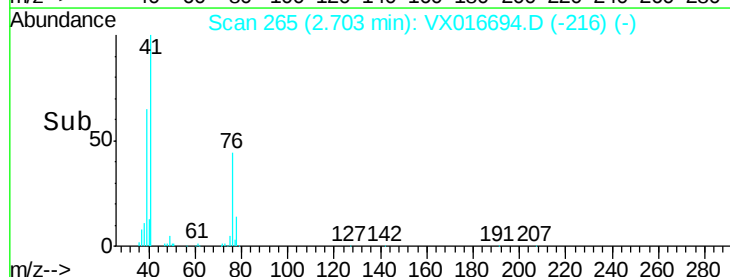
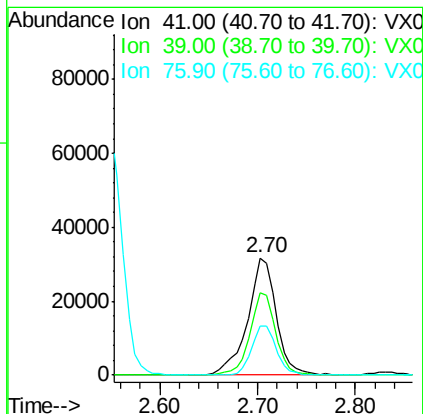
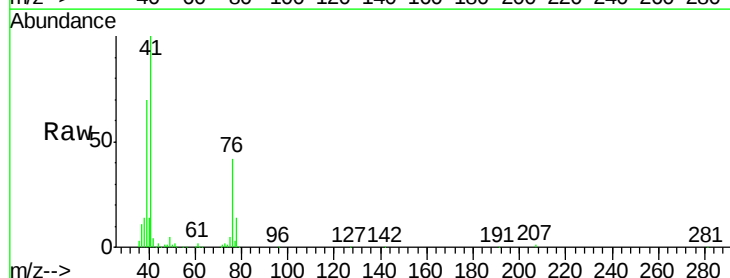
Tgt Ion: 41 Resp: 64218

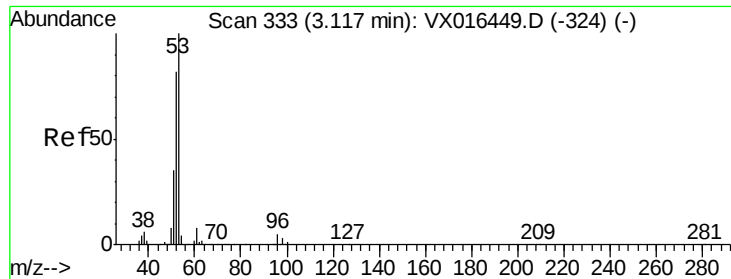
Ion Ratio Lower Upper

41 100

39 63.6 47.7 71.5

76 37.2 26.6 40.0





#15

Acrylonitrile

Concen: 82.148 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Instrument :

MSVOA_X

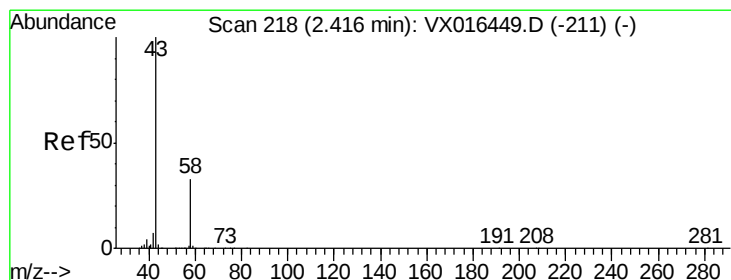
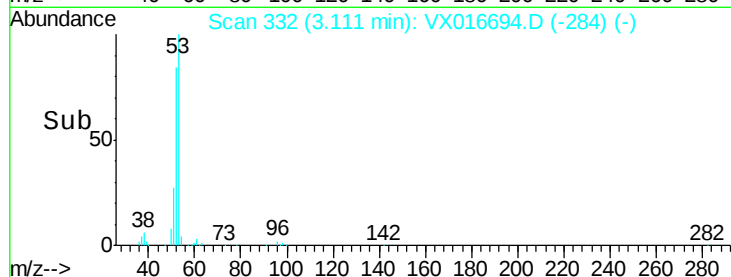
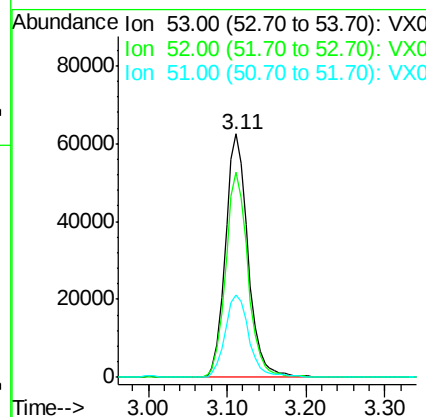
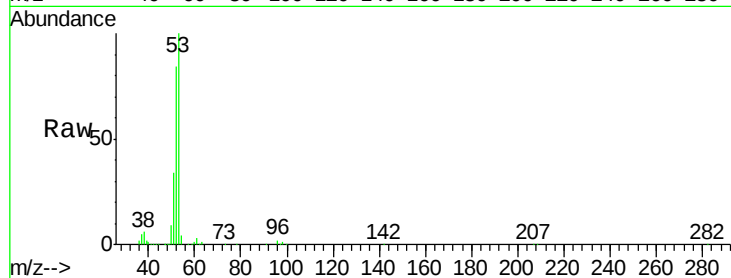
ClientSampleId :

VX0611WBS01

Tot Ion:	53	Resp:	124397
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.7	100.1
51	36.4	28.6	43.0

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#16

Acetone

Concen: 87.455 ug/l

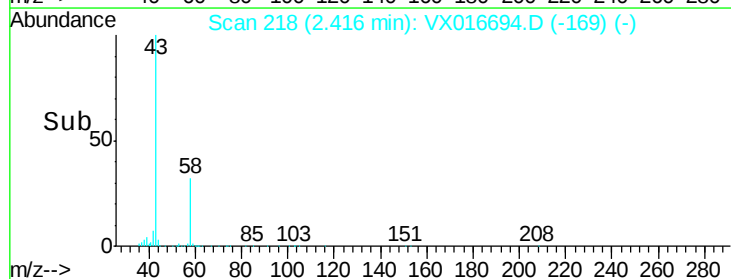
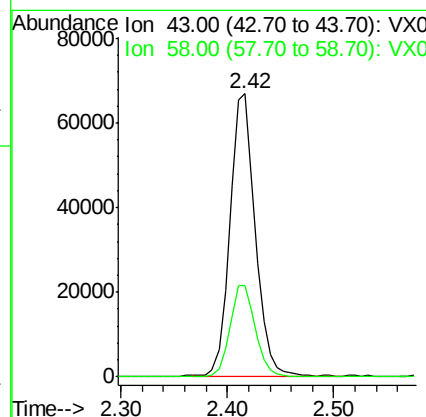
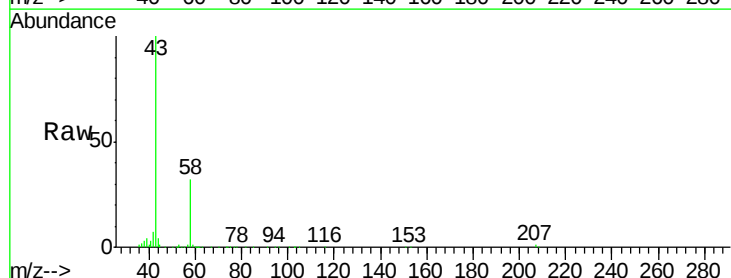
RT: 2.42 min Scan# 218

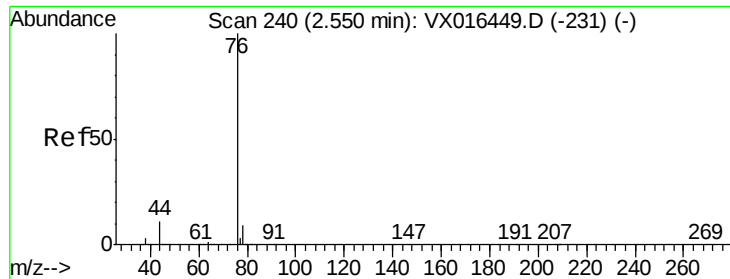
Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Tgt Ion:	43	Resp:	110459
Ion Ratio	Lower	Upper	
43	100		
58	32.3	26.1	39.1





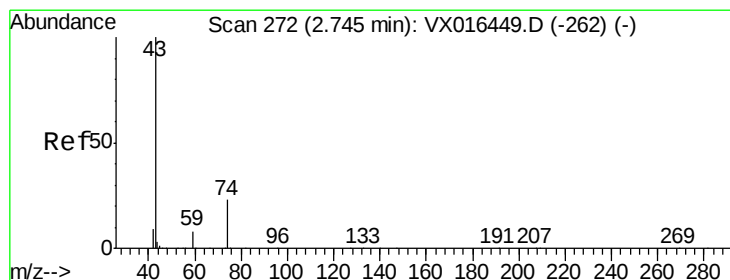
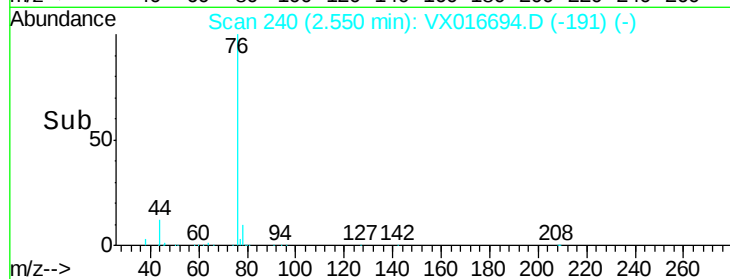
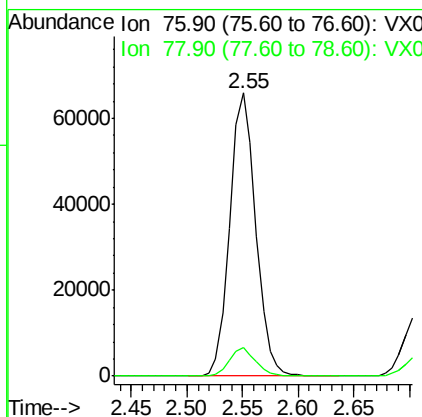
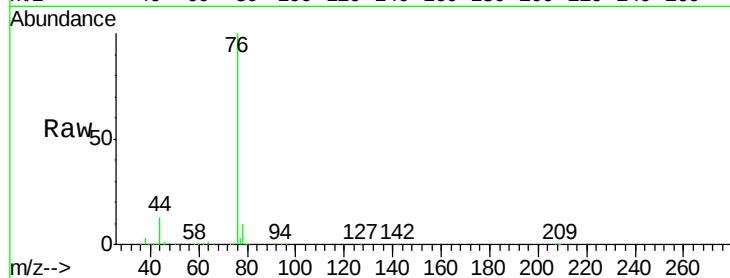
#17
Carbon Disulfide
Concen: 16.052 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.4	11.0

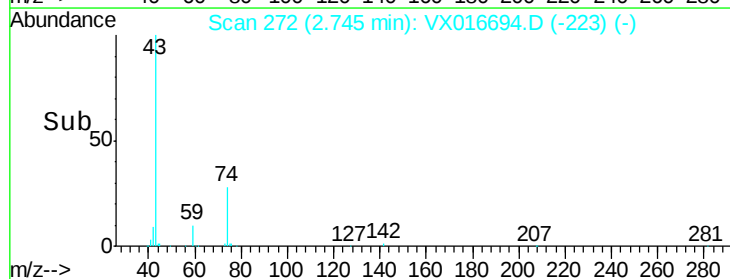
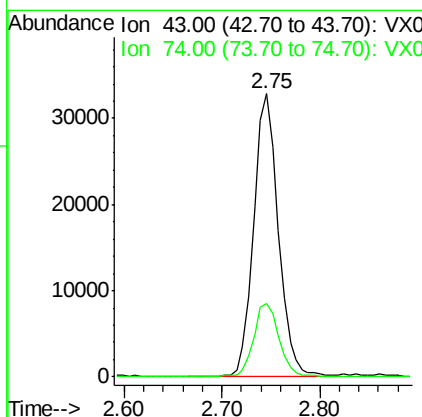
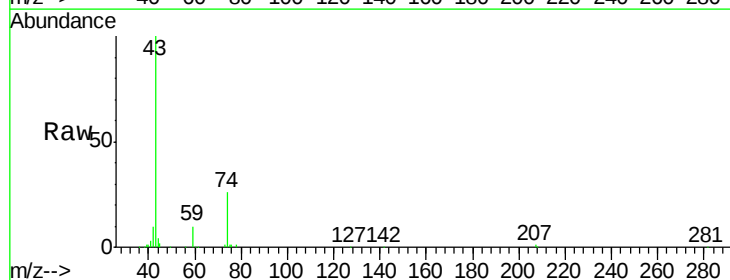
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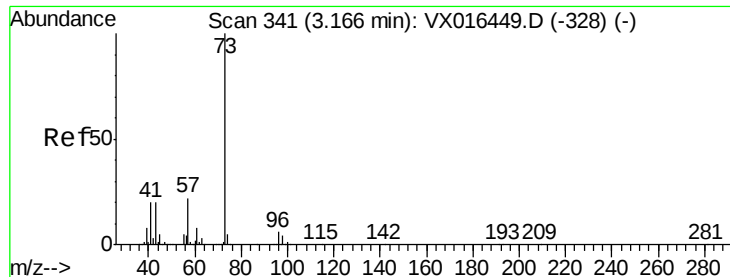
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#18
Methyl Acetate
Concen: 17.744 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.3	19.7	29.5





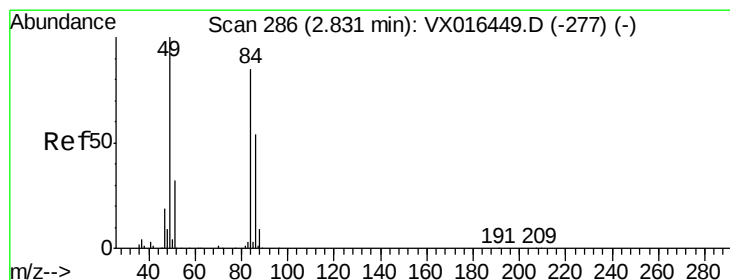
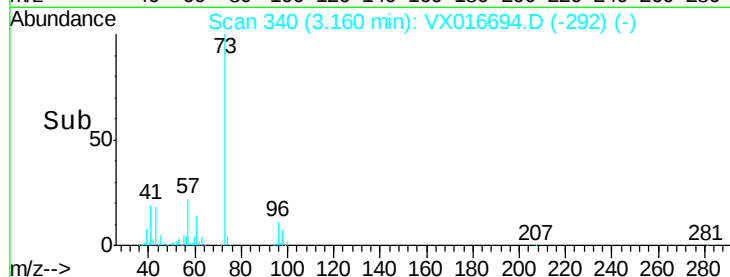
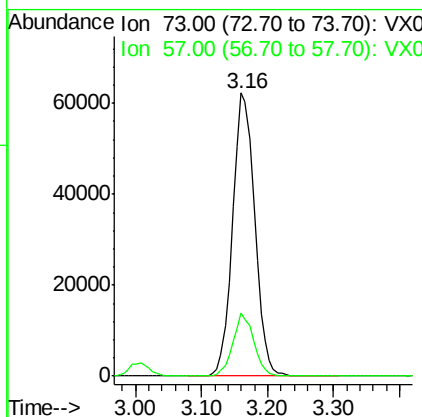
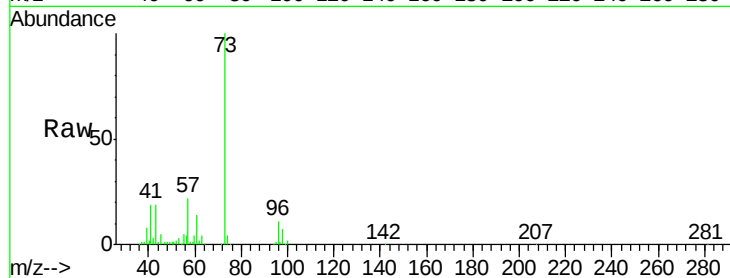
#19
Methyl tert-butyl Ether
Concen: 18.076 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion: 73 Resp: 144980
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.6

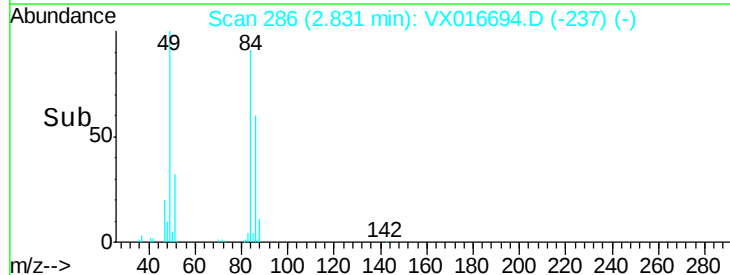
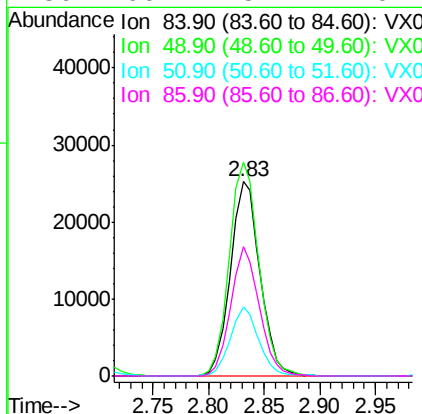
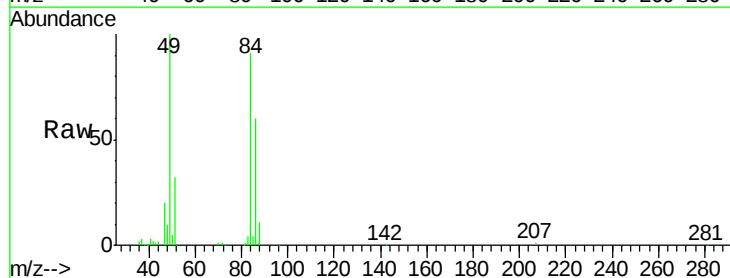
Manual Integrations
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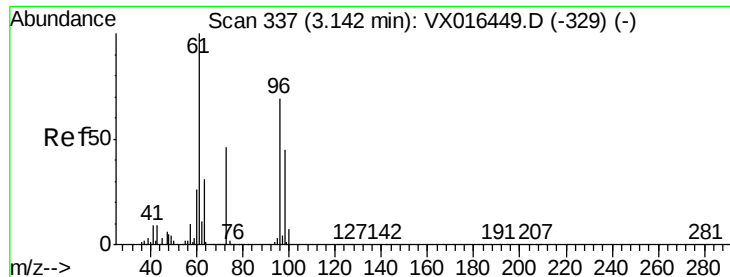
MMDadoda
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#20
Methylene Chloride
Concen: 17.754 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Tgt Ion: 84 Resp: 46395
Ion Ratio Lower Upper
84 100
49 110.0 94.5 141.7
51 35.6 30.2 45.4
86 66.4 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 18.042 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Instrument :

MSVOA_X

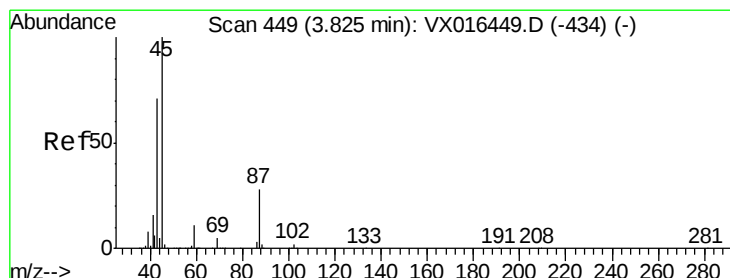
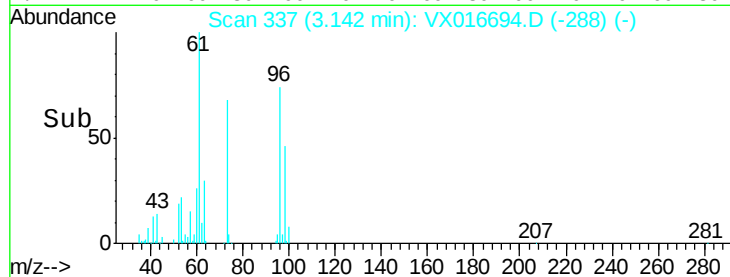
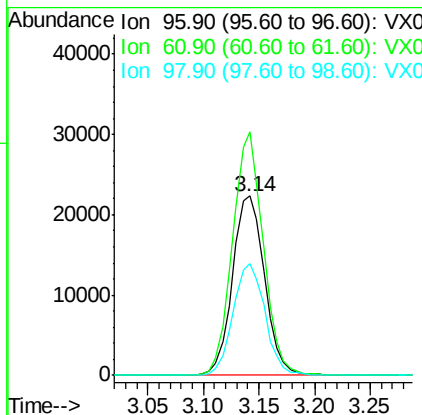
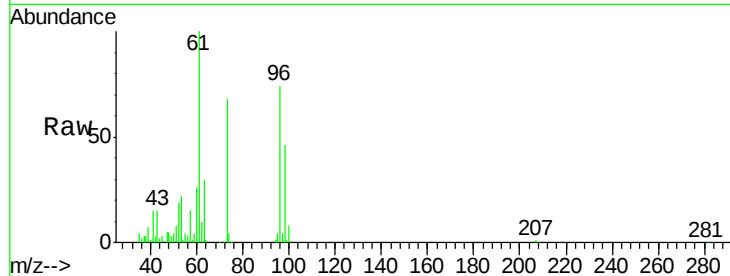
ClientSampleId :

VX0611WBS01

Tot Ion:	96	Resp:	44577
Ion	Ratio	Lower	Upper
96	100		
61	135.6	115.3	172.9
98	62.6	51.9	77.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 16.533 ug/l

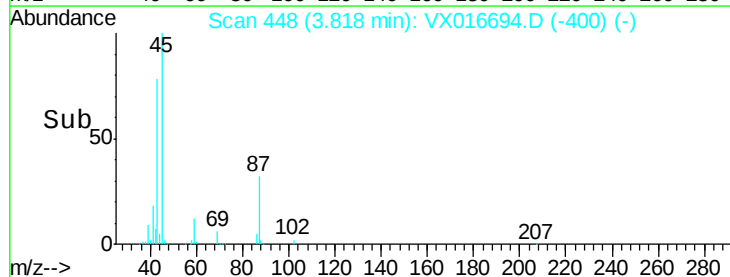
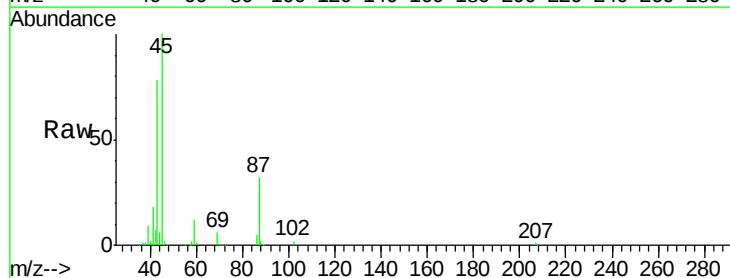
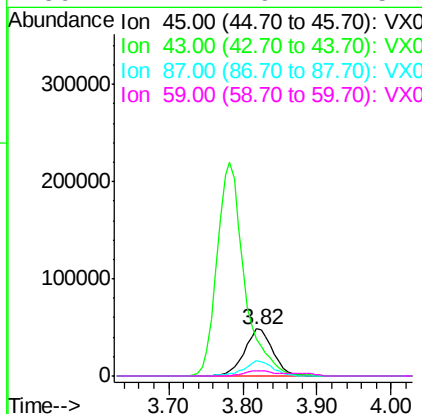
RT: 3.82 min Scan# 448

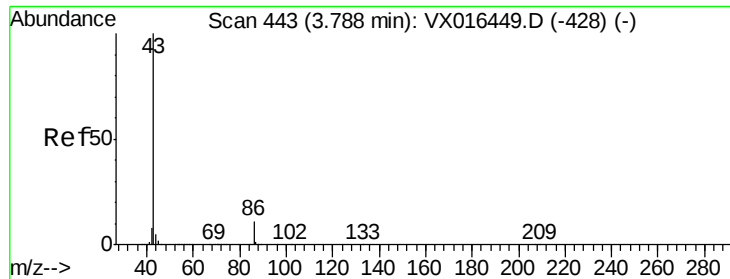
Delta R.T. -0.01 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Tgt Ion:	45	Resp:	130464
Ion	Ratio	Lower	Upper
45	100		
43	77.5	57.0	85.6
87	31.6	22.5	33.7
59	12.1	9.1	13.7





#23

Vinyl Acetate

Concen: 80.712 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion: 43 Resp: 557494

Ion Ratio Lower Upper

43 100

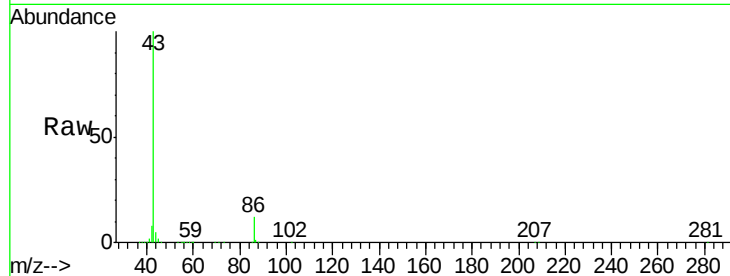
86 12.1 8.6 13.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

250000

200000

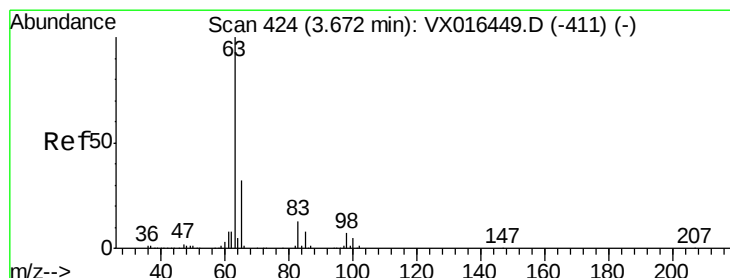
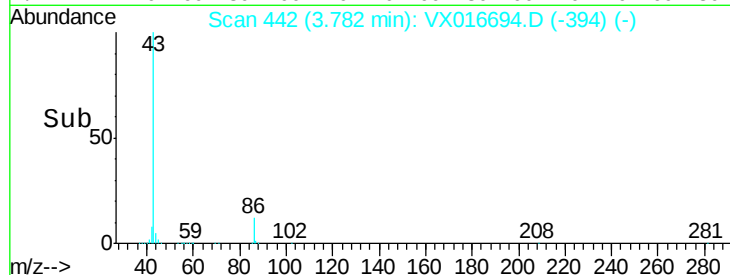
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 17.607 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

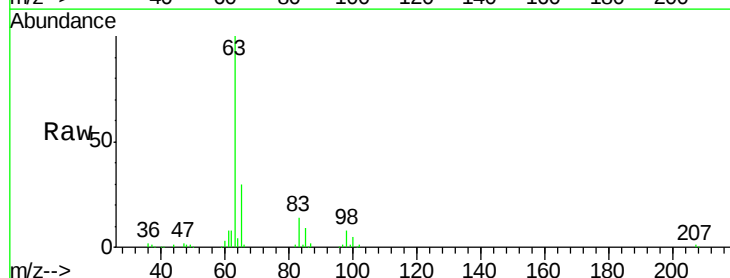
Tgt Ion: 63 Resp: 78422

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

100 4.8 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

40000

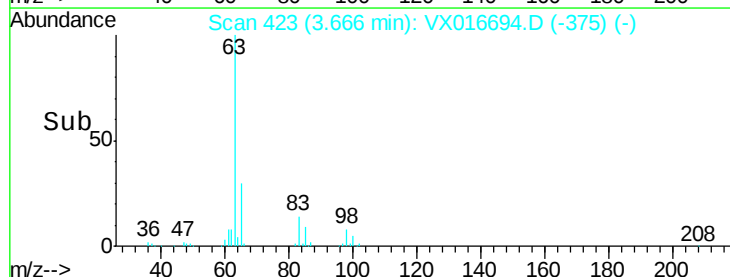
30000

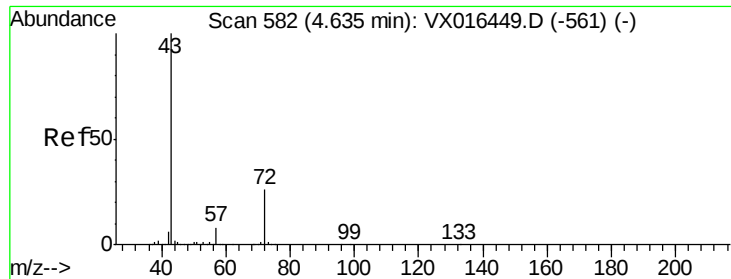
20000

10000

0

Time-->





#25

2-Butanone

Concen: 79.545 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion: 43 Resp: 170240

Ion Ratio Lower Upper

43 100

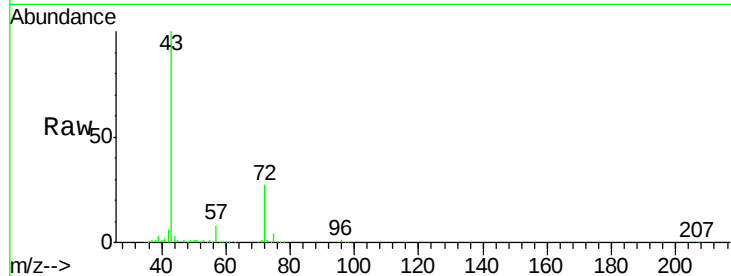
72 27.2 21.0 31.6

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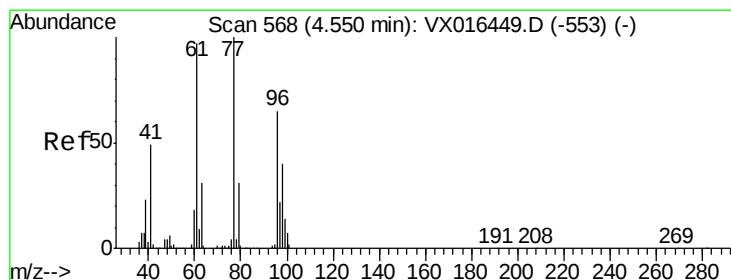
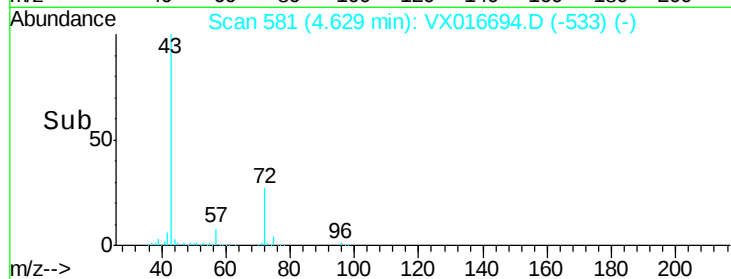
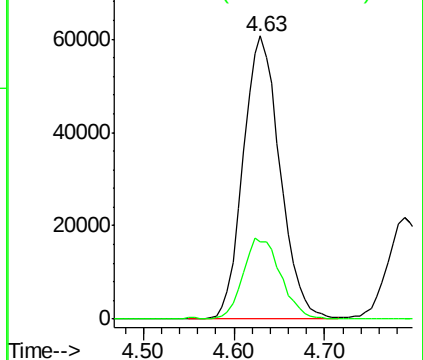
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.896 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016694.D

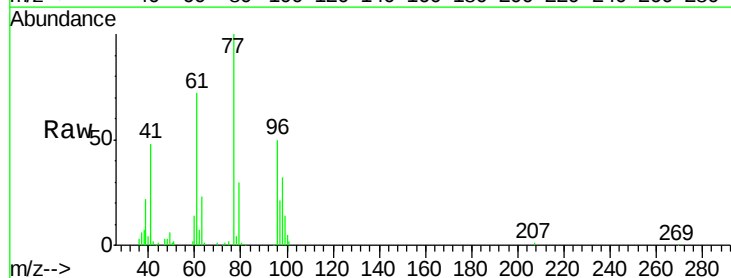
Acq: 11 Jun 2020 11:25

Tgt Ion: 77 Resp: 76158

Ion Ratio Lower Upper

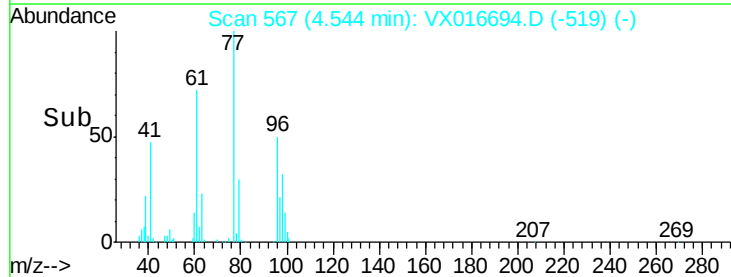
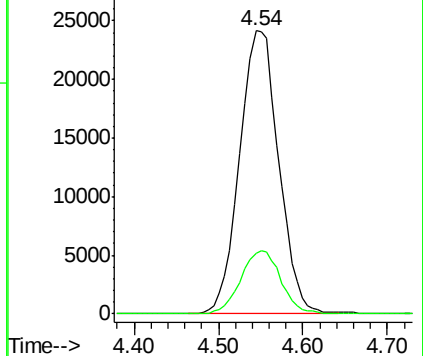
77 100

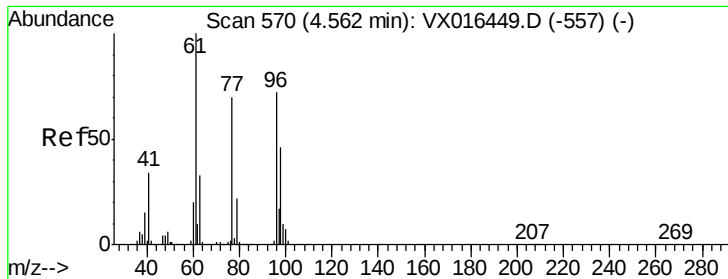
97 22.8 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

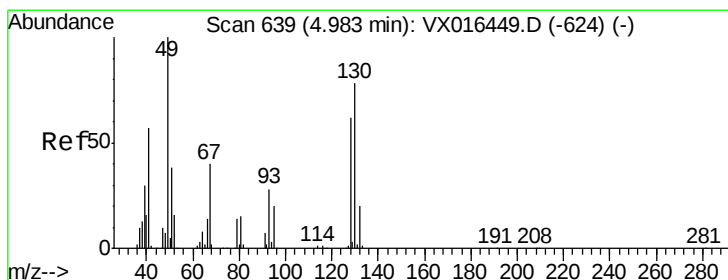
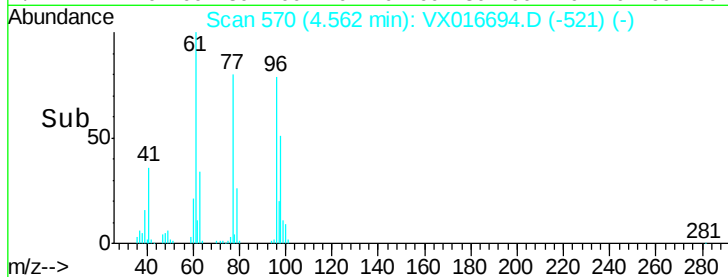
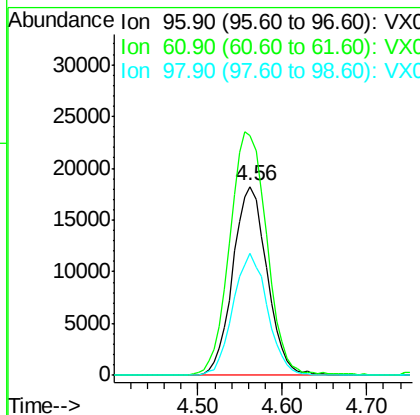
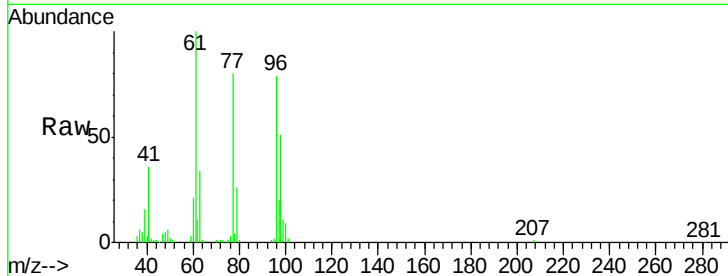
cis-1,2-Dichloroethene
 Concen: 17.609 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX016694.D
 Acq: 11 Jun 2020 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	50332		
61	140.0		0.0	284.6
98	64.5		0.0	127.2

Manual Integrations
 APPROVED

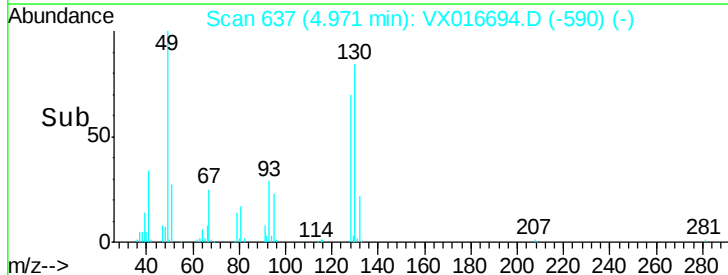
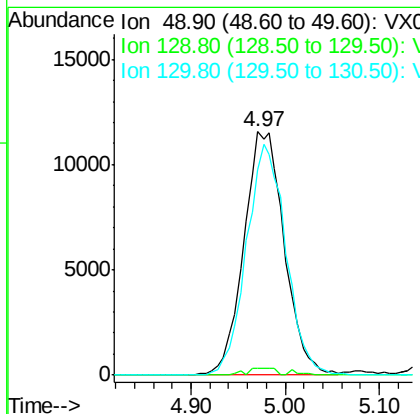
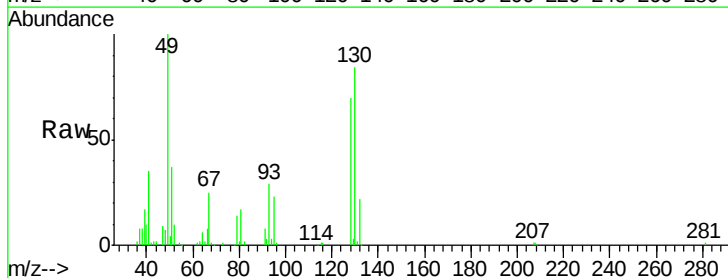
MMDadoda
 6/12/2020 5:45:28 PM

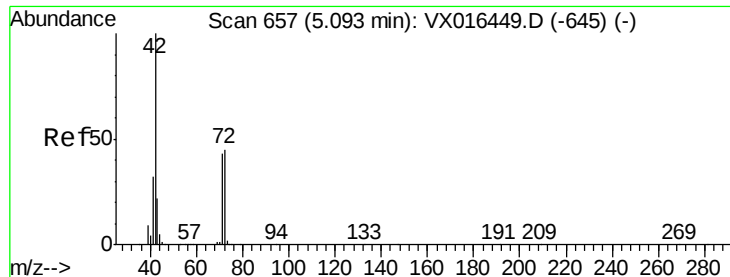


#28

Bromochloromethane
 Concen: 16.827 ug/l
 RT: 4.97 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: VX016694.D
 Acq: 11 Jun 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	34827		
129	2.1		0.0	4.0
130	92.4		63.0	94.4





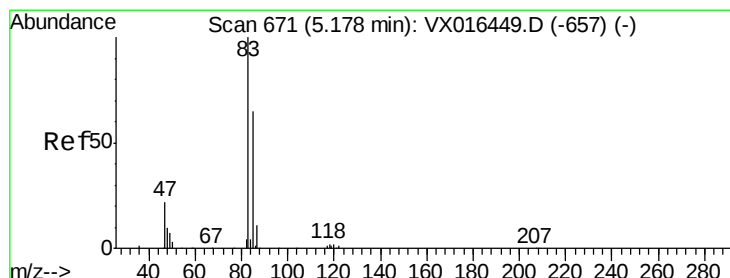
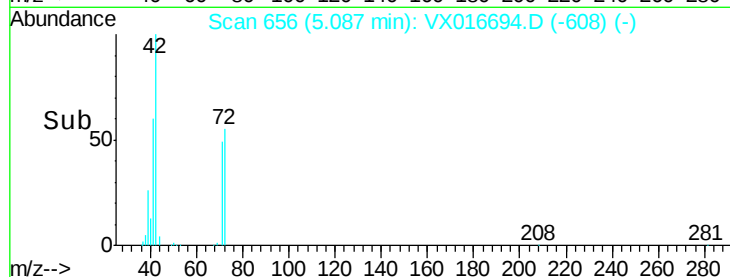
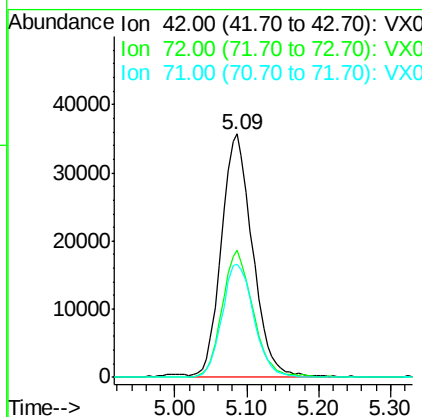
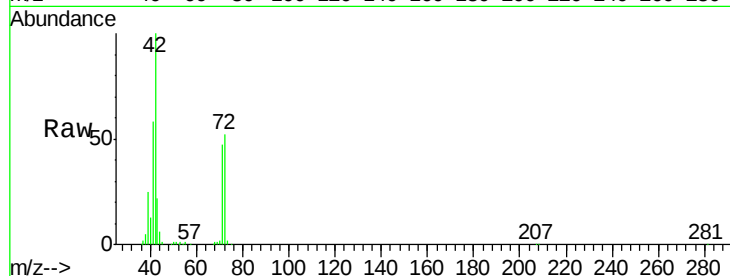
#29
Tetrahydrofuran
Concen: 77.282 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Resp Lower	Upper
42	100		
72	52.0	37.0	55.4
71	47.7	34.1	51.1

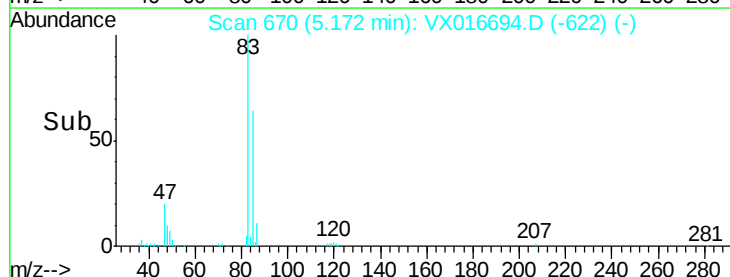
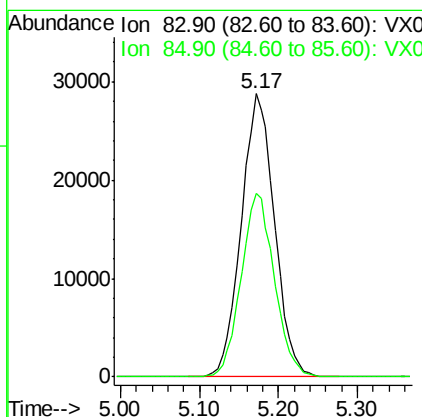
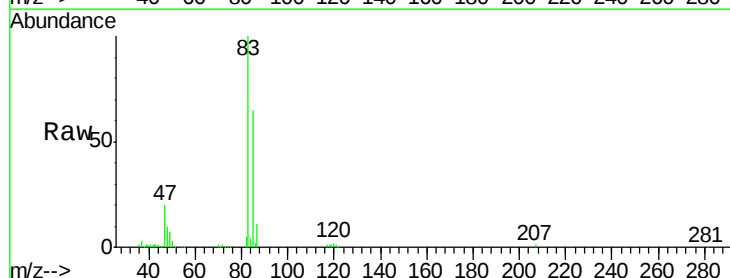
Manual Integrations
APPROVED

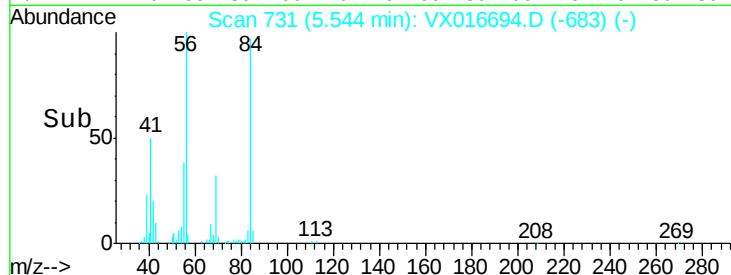
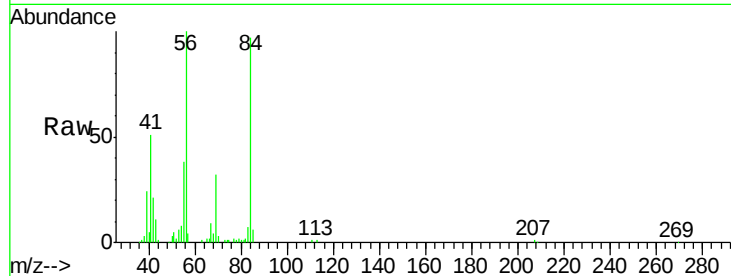
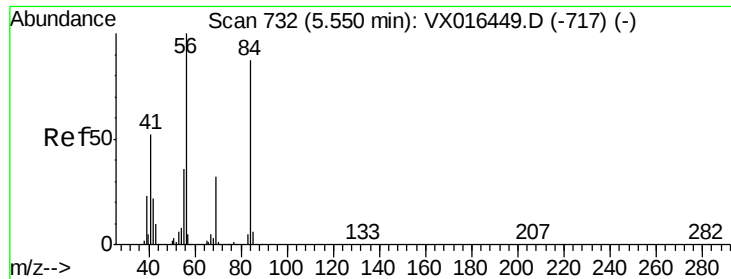
MMDadoda
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#30
Chloroform
Concen: 18.777 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	64.7	52.0	78.0





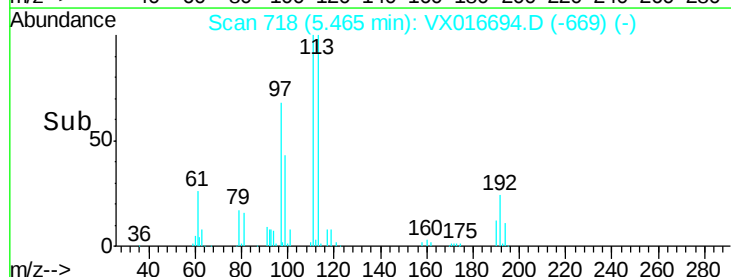
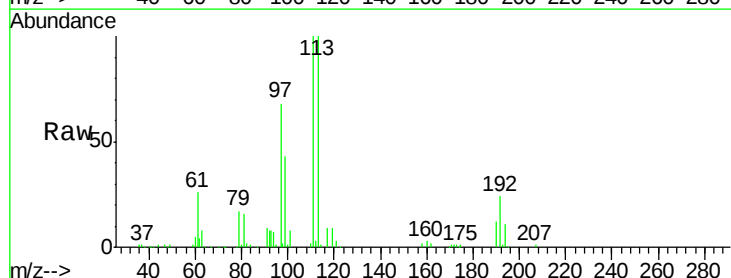
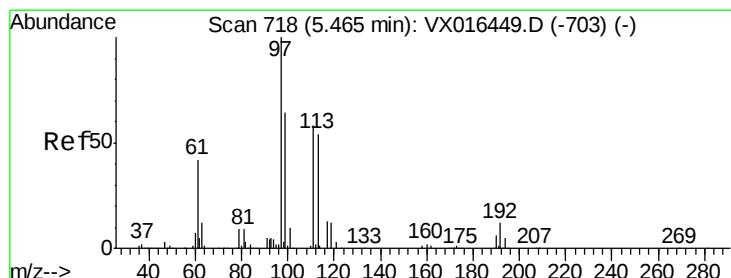
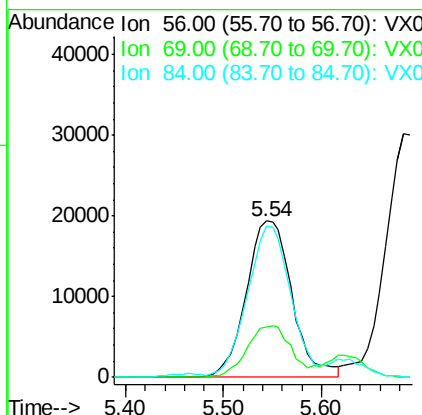
#31
Cvclohexane
Concen: 15.702 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.7	38.5
84	94.7	70.0	105.0

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

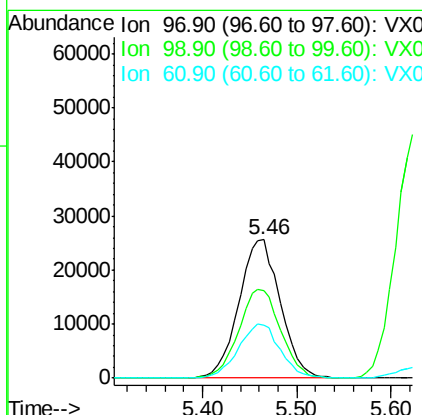
Manual Integrations
APPROVED

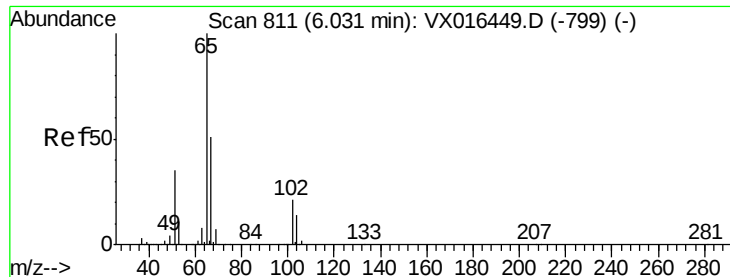
MMDadoda
6/12/2020 5:45:28 PM



#32
1,1,1-Trichloroethane
Concen: 19.390 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.4	77.2
61	39.0	33.5	50.3





#33

1,2-Dichloroethane-d4

Concen: 46.358 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion: 65 Resp: 133641

Ion Ratio Lower Upper

65 100

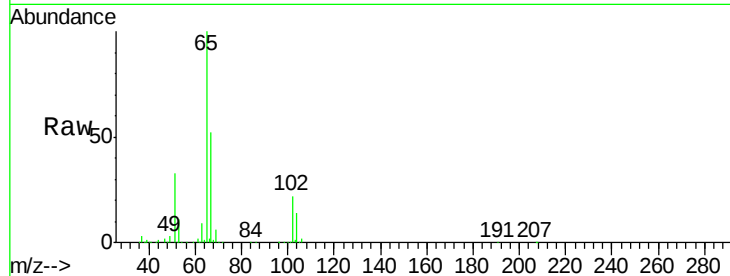
67 51.7 0.0 104.8

Manual Integrations

APPROVED

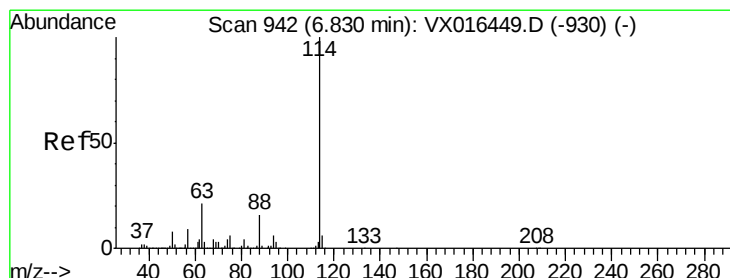
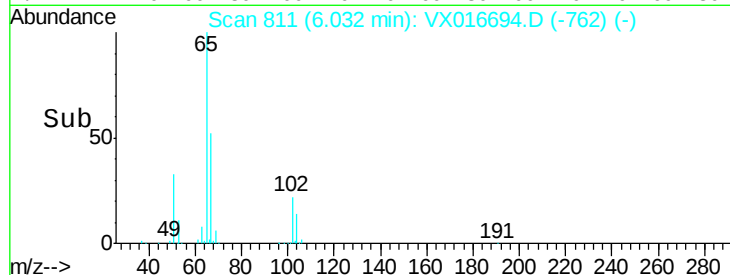
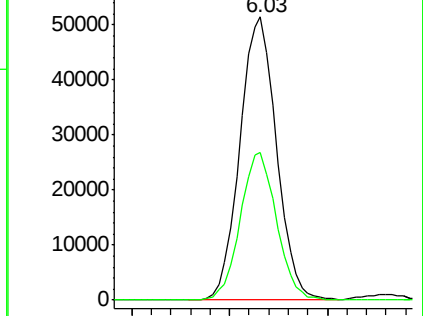
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

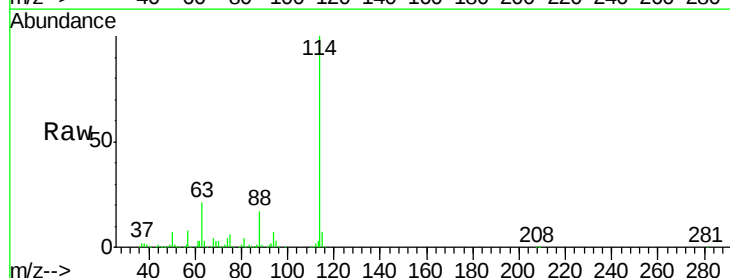
Tgt Ion: 114 Resp: 340438

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

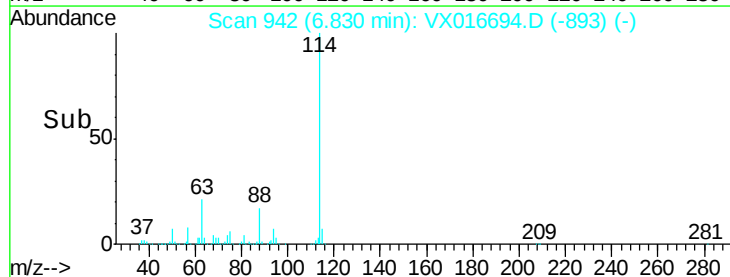
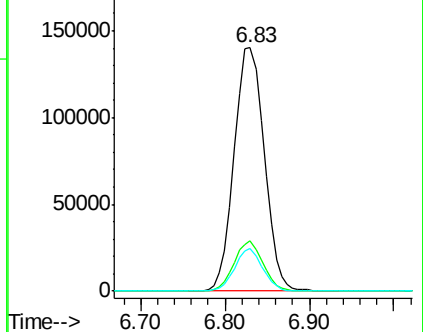
88 17.4 0.0 32.8

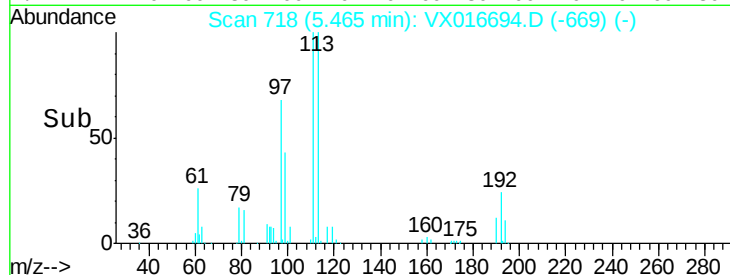
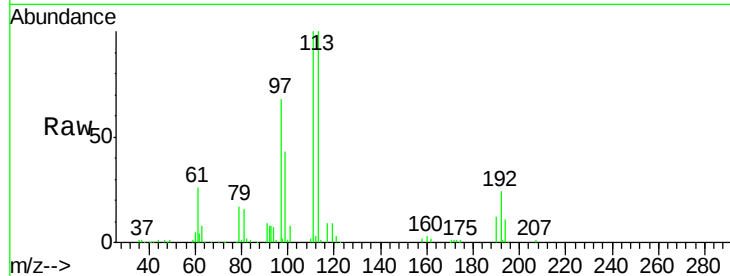
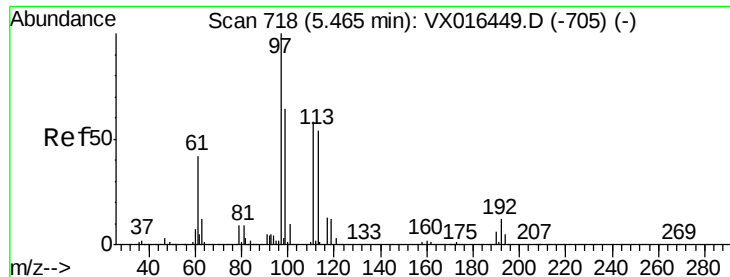


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





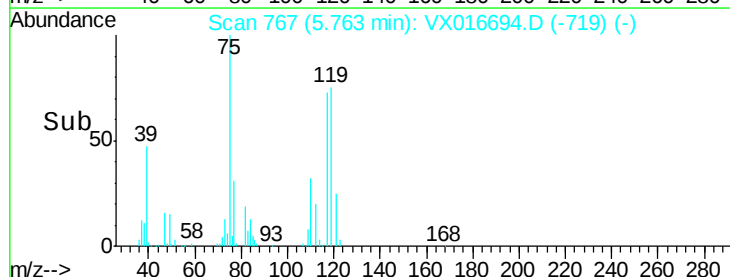
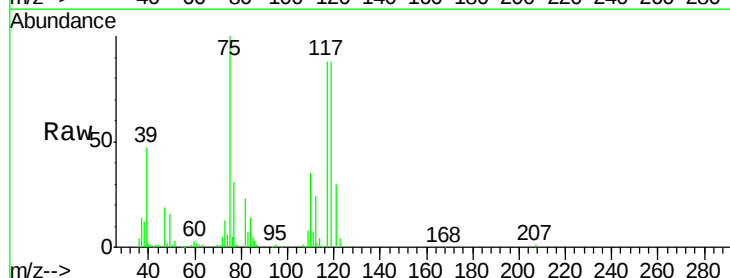
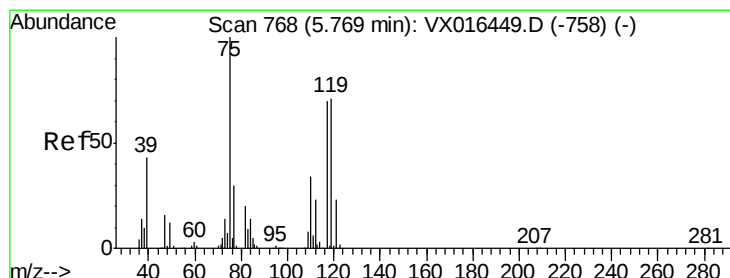
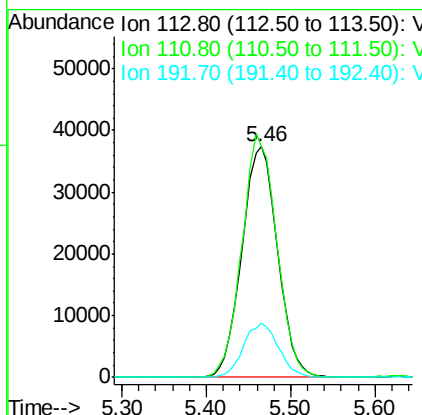
#35
Dibromofluoromethane
Concen: 51.184 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Tot Ion	Ratio	Resp	Lower	Upper
113	100	107293		
111	102.9	83.0	124.6	
192	23.0	17.7	26.5	

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

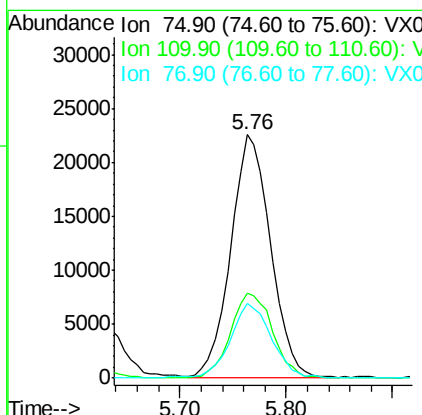
Manual Integrations
APPROVED

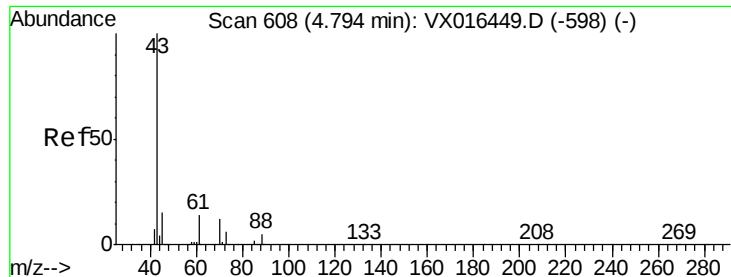
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6/12/2020 5:45:28 PM



#36
1,1-Dichloropropene
Concen: 18.236 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	58779		
110	37.0	17.4	52.3	
77	32.3	24.2	36.4	





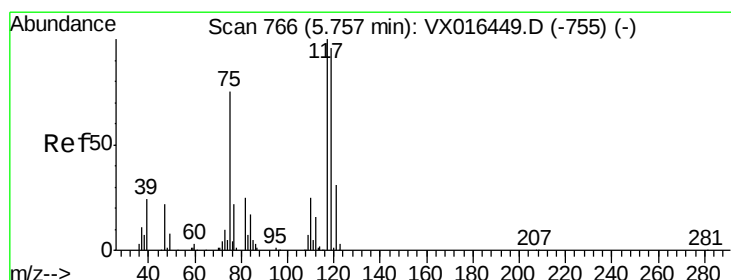
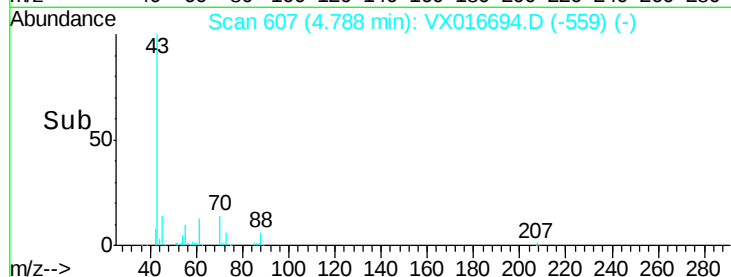
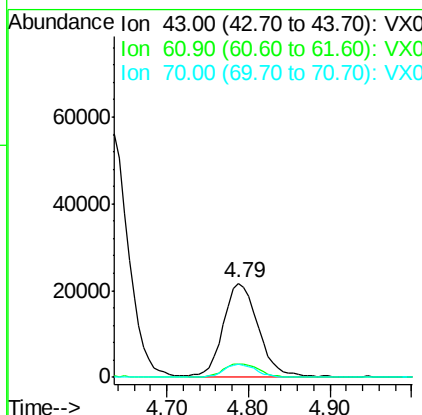
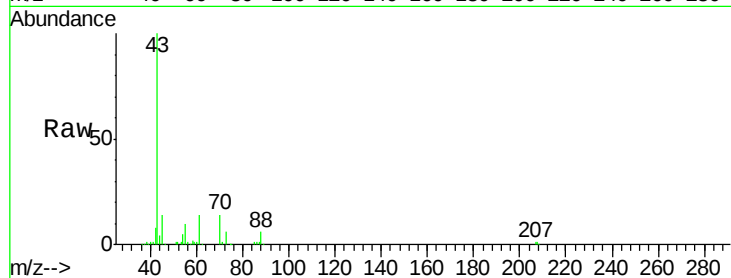
#37
Ethyl Acetate
Concen: 16.466 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion:	43	Resp:	63721
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.3	16.9
70	13.1	9.3	13.9

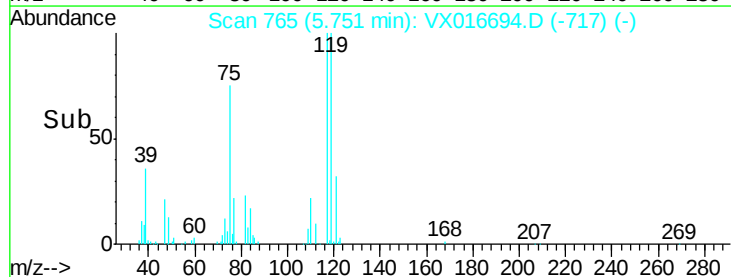
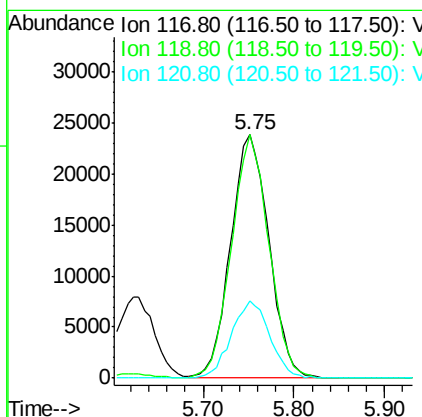
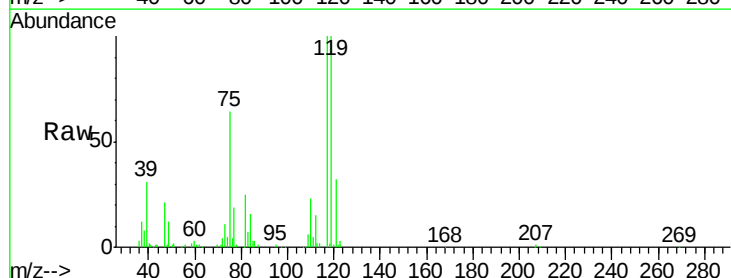
Manual Integrations
APPROVED

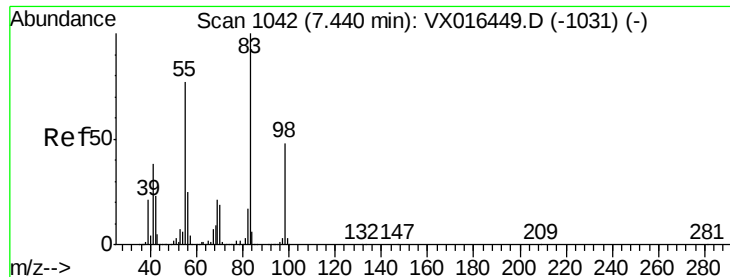
MMDadoda
6/12/2020 5:45:28 PM



#38
Carbon Tetrachloride
Concen: 20.667 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Tgt Ion:	117	Resp:	70006
Ion	Ratio	Lower	Upper
117	100		
119	99.9	76.3	114.5
121	31.7	24.6	37.0





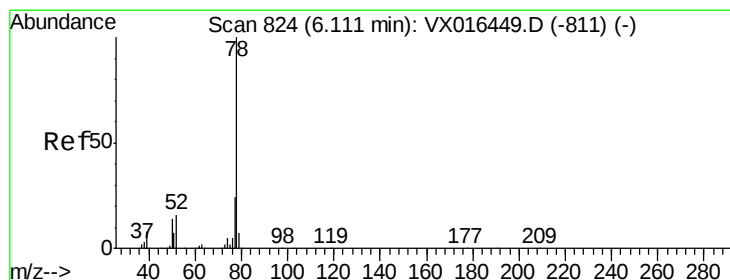
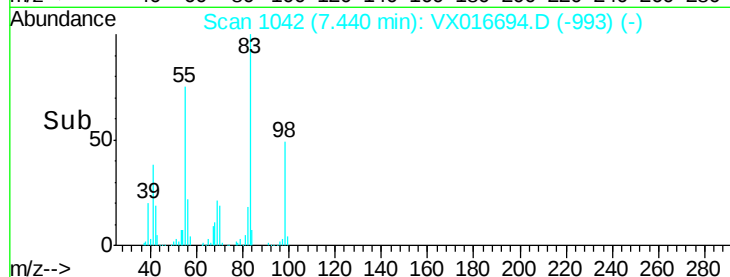
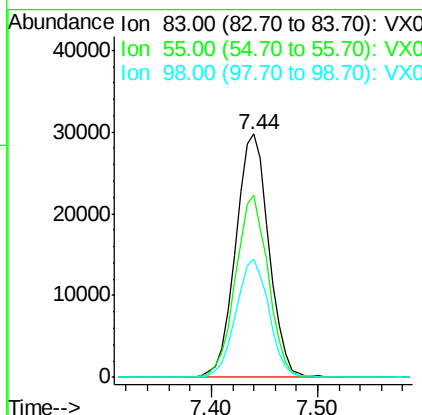
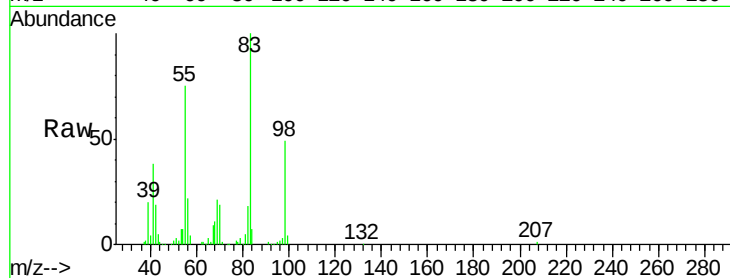
#39
Methylvlcyclohexane
Concen: 18.616 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.0	61.7	92.5
98	48.7	38.7	58.1

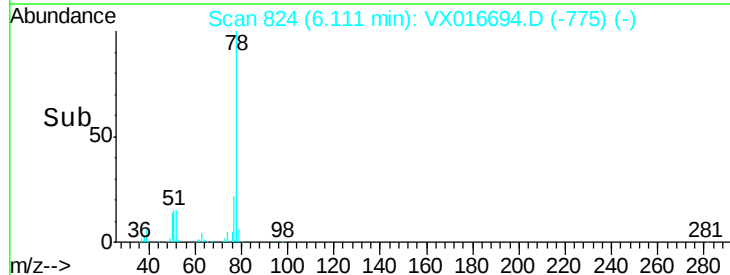
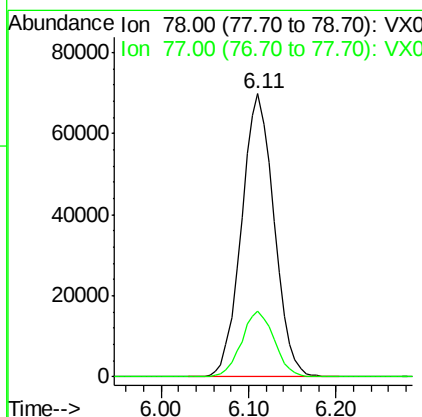
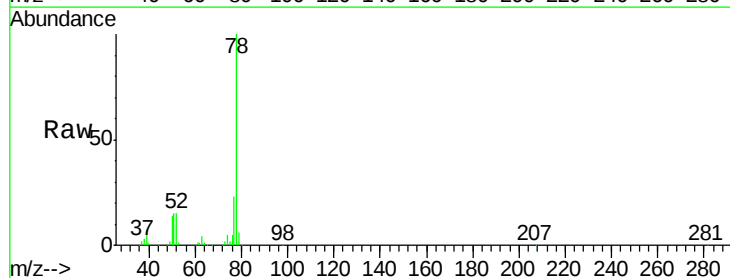
Manual Integrations
APPROVED

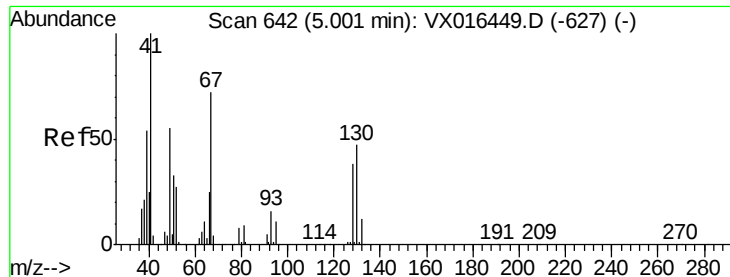
MMDadoda
6/12/2020 5:45:28 PM



#40
Benzene
Concen: 18.817 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.9	28.3





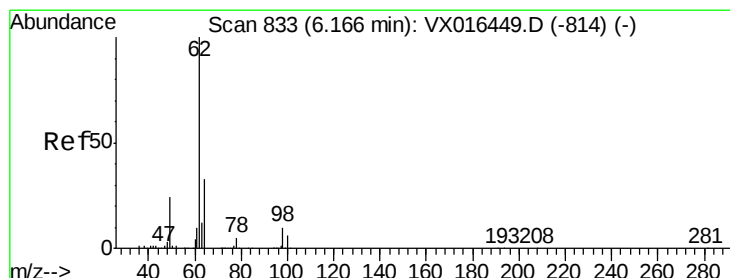
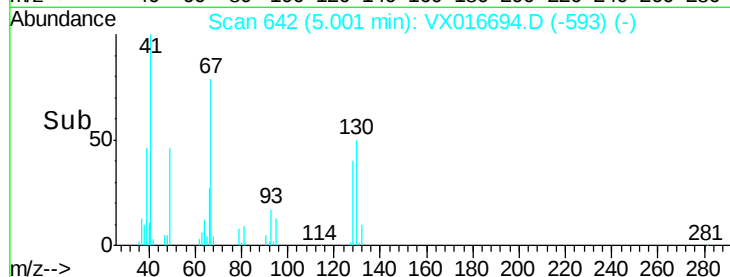
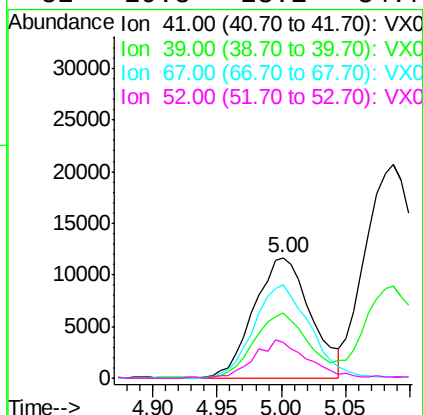
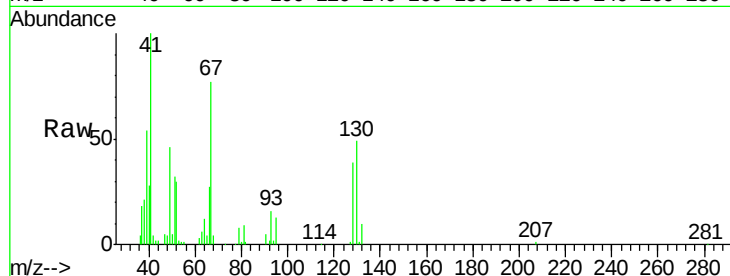
#41
Methacrylonitrile
Concen: 16.888 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		35897		
39	50.9	43.0	64.4		
67	76.6	58.9	88.3		
52	29.8	23.1	34.7		

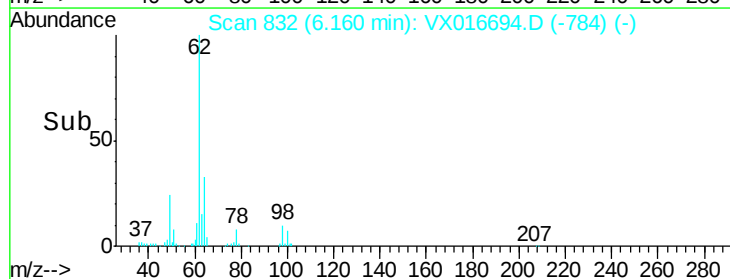
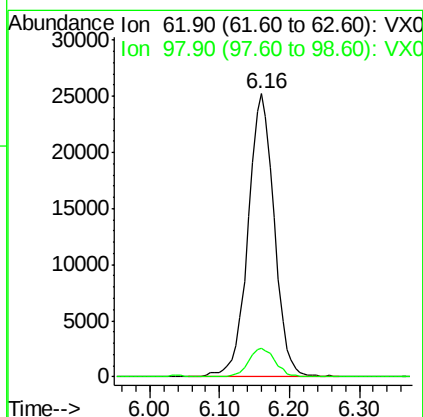
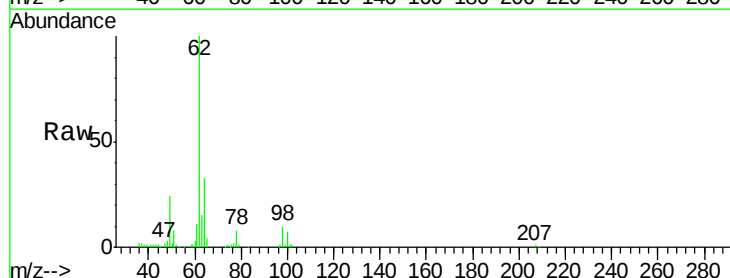
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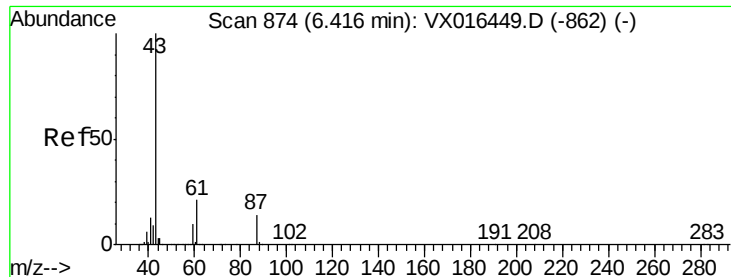
MMDadoda
6/12/2020 5:45:28 PM



#42
1,2-Dichloroethane
Concen: 19.225 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		65627		
98	10.2	0.0	19.8		





#43

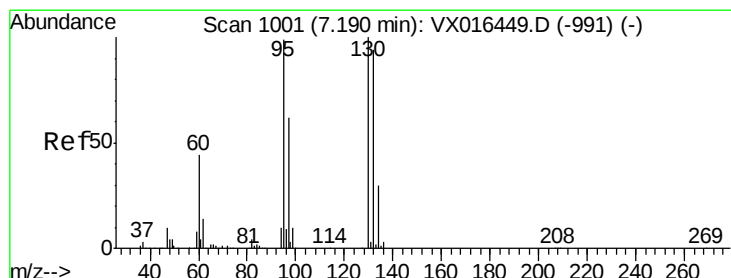
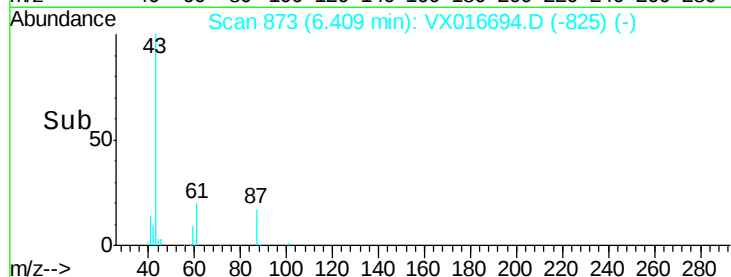
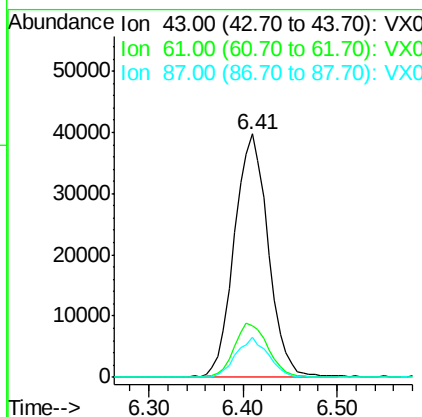
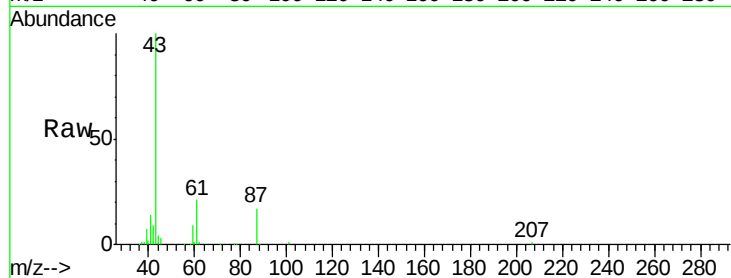
Isopropyl Acetate
 Concen: 16.559 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016694.D
 Acq: 11 Jun 2020 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.3	16.8	25.2
87	15.8	11.2	16.8

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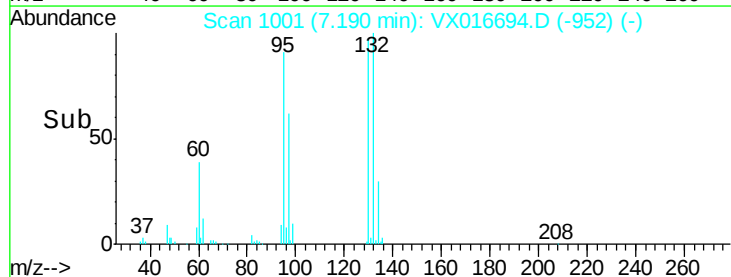
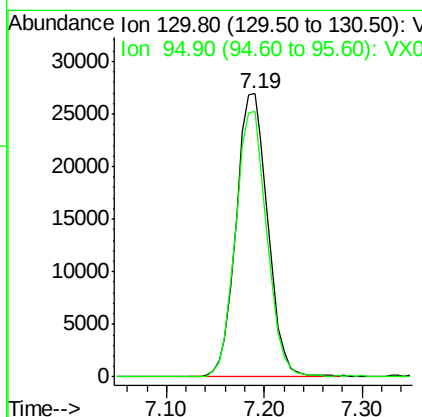
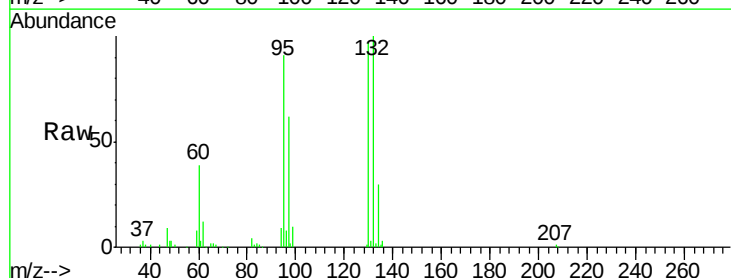
MMDadoda
 6/12/2020 5:45:28 PM

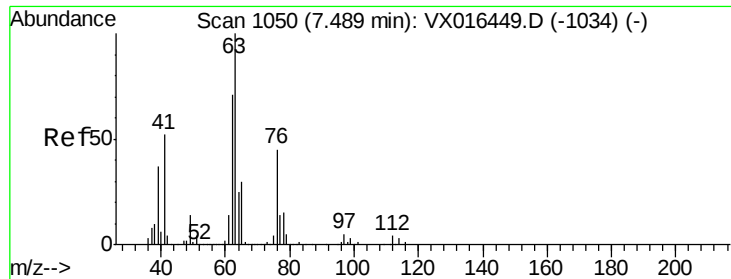


#44

Trichloroethene
 Concen: 19.832 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016694.D
 Acq: 11 Jun 2020 11:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	198.2





#45

1,2-Dichloropropane

Concen: 18.254 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Instrument :

MSVOA_X

ClientSampled :

VX0611WBS01

Tot Ion: 63 Resp: 44606

Ion Ratio Lower Upper

63 100

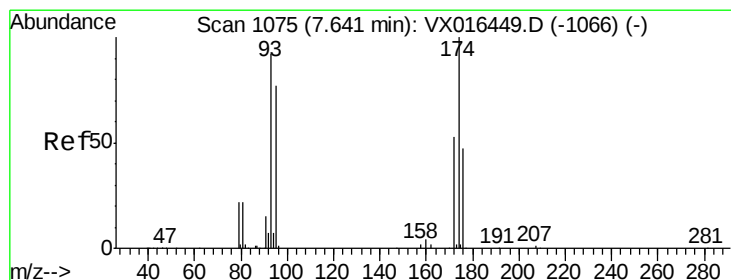
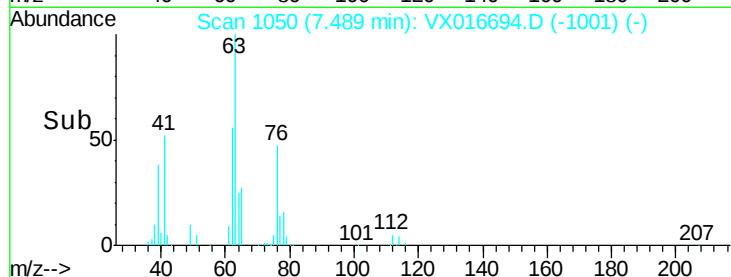
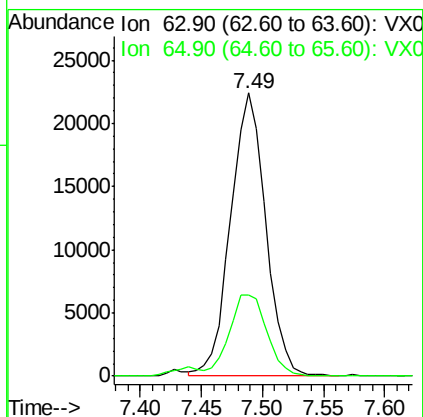
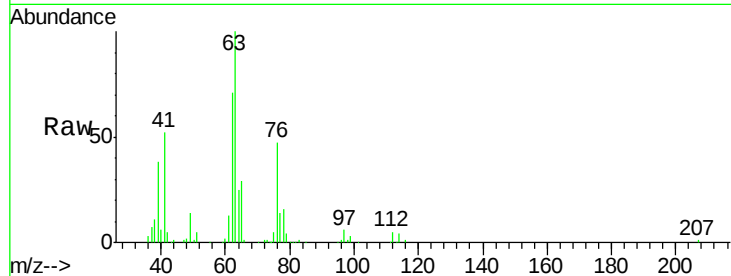
65 28.6 24.2 36.2

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#46

Dibromomethane

Concen: 19.177 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

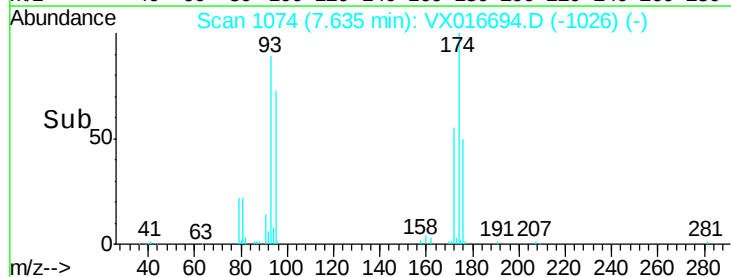
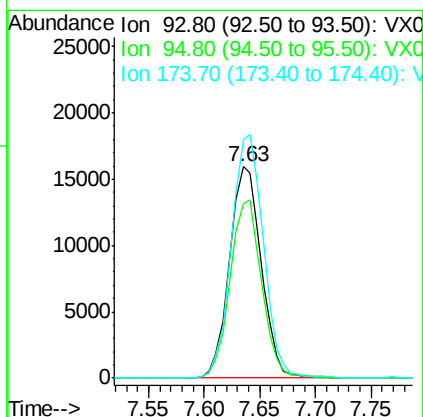
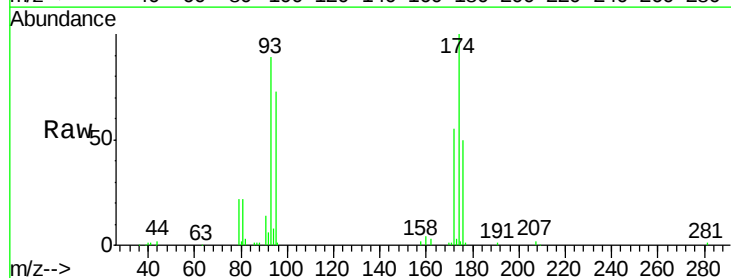
Tgt Ion: 93 Resp: 31475

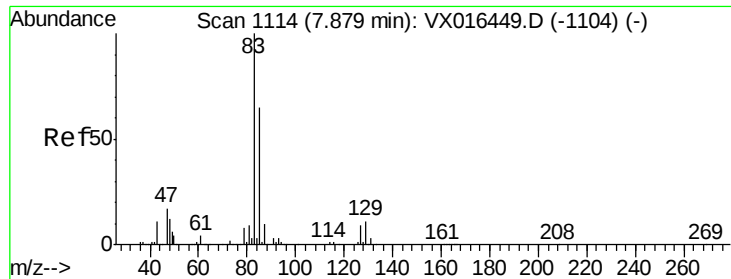
Ion Ratio Lower Upper

93 100

95 84.1 66.6 100.0

174 116.2 86.2 129.4





#47

Bromodichloromethane

Concen: 19.803 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Instrument :

MSVOA_X

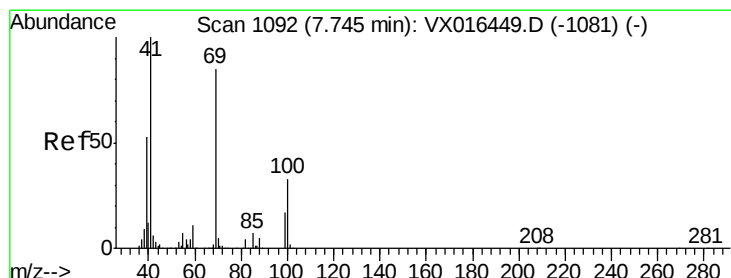
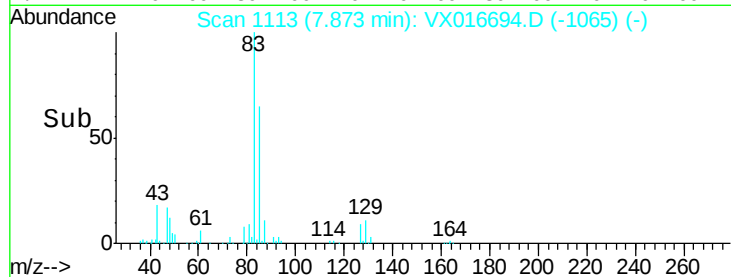
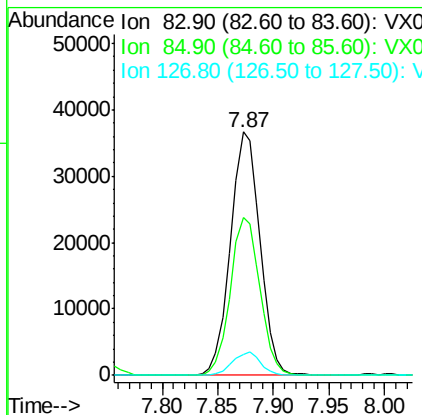
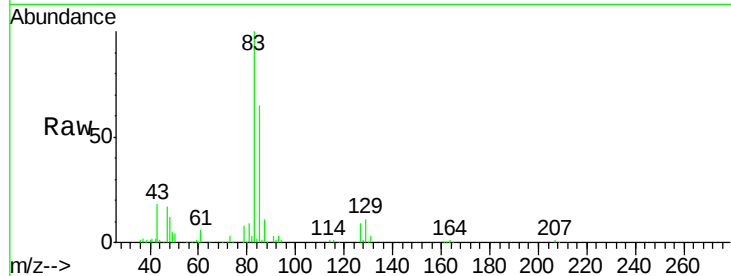
ClientSampleId :

VX0611WBS01

Tot Ion:	83	Resp:	67302
Ion Ratio	Lower	Upper	
83	100		
85	65.0	52.0	78.0
127	8.8	7.4	11.0

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#48

Methyl methacrylate

Concen: 16.418 ug/l

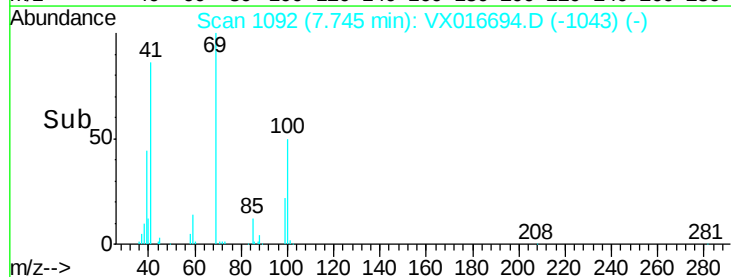
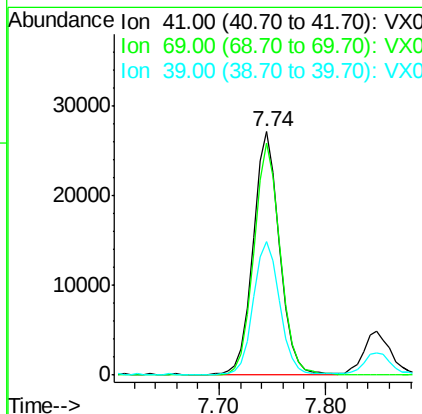
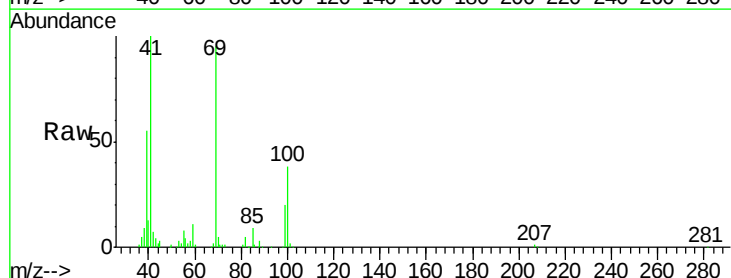
RT: 7.74 min Scan# 1092

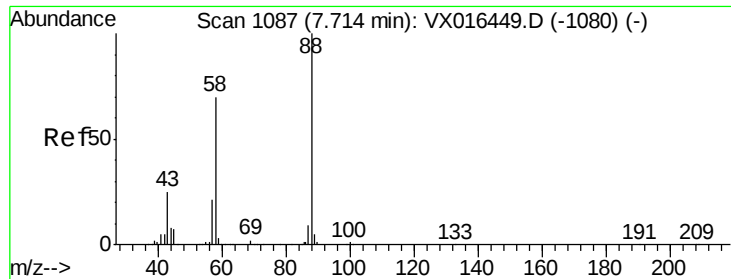
Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Tgt Ion:	41	Resp:	47452
Ion Ratio	Lower	Upper	
41	100		
69	94.5	68.6	102.8
39	55.3	42.4	63.6





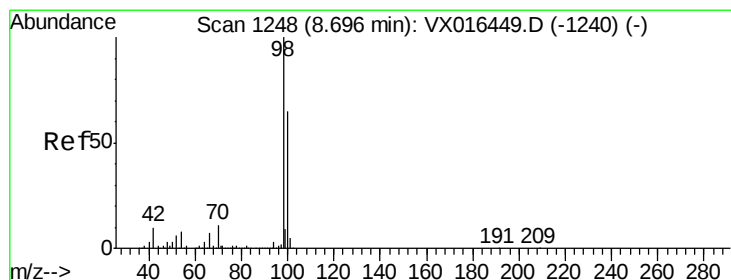
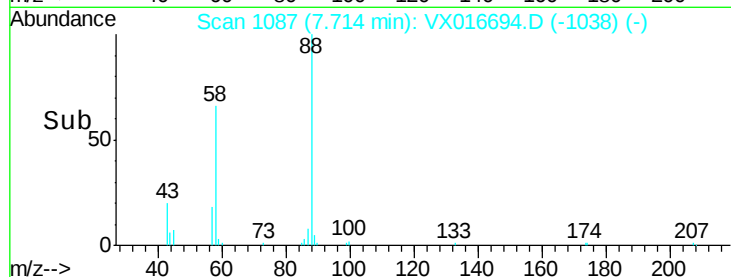
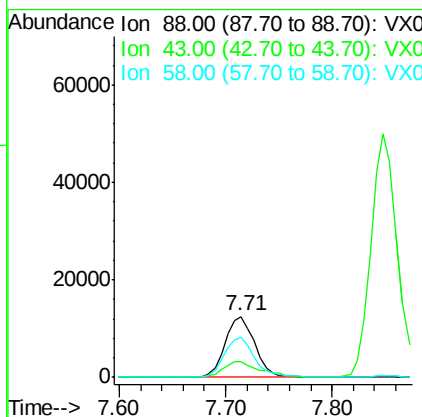
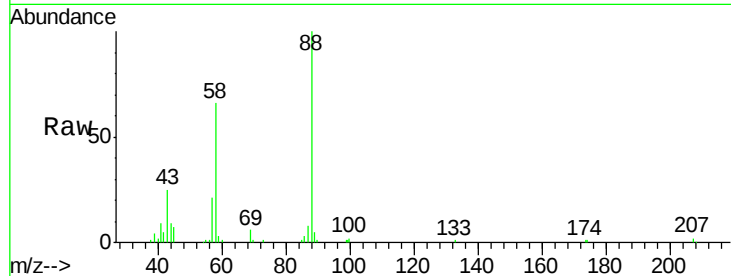
#49
1,4-Dioxane
Concen: 361.828 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.1	24.2	36.4
58	67.7	56.5	84.7

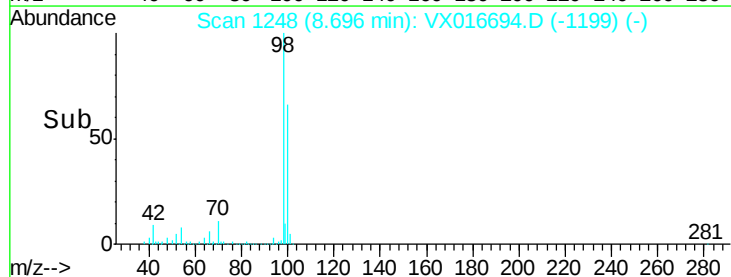
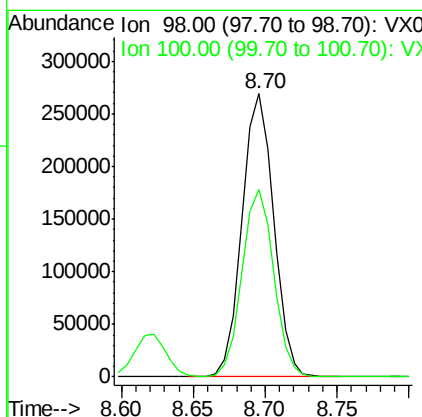
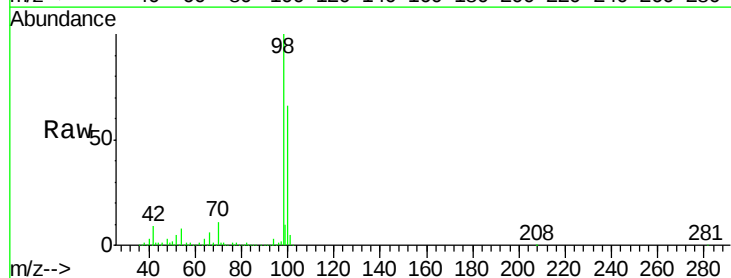
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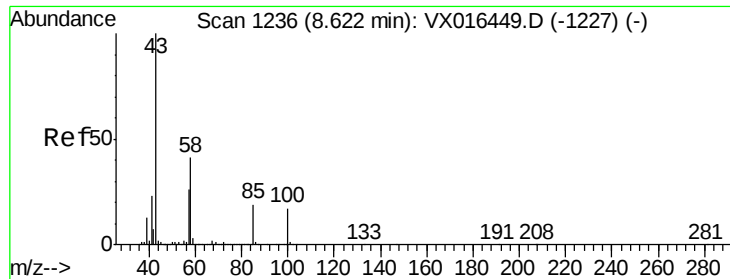
MMDadoda
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#50
Toluene-d8
Concen: 50.282 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.8	80.6





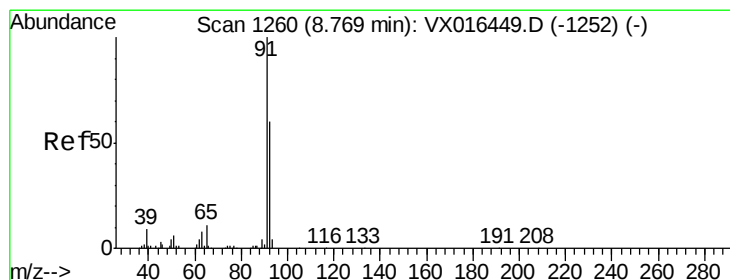
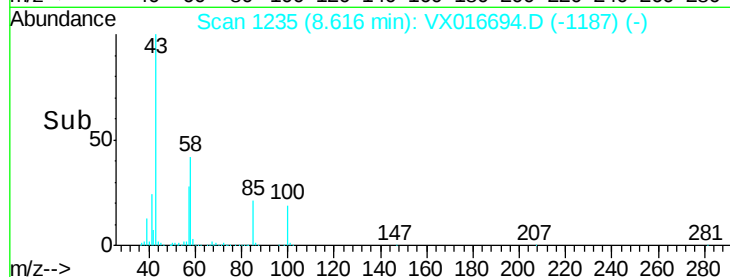
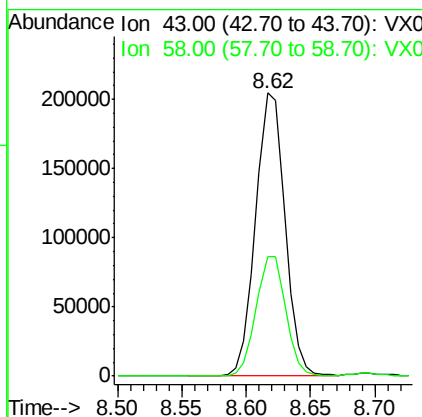
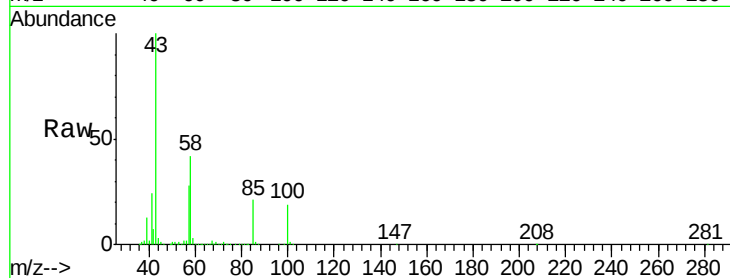
#51
4-Methyl-2-Pentanone
Concen: 85.877 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.7	33.0	49.6

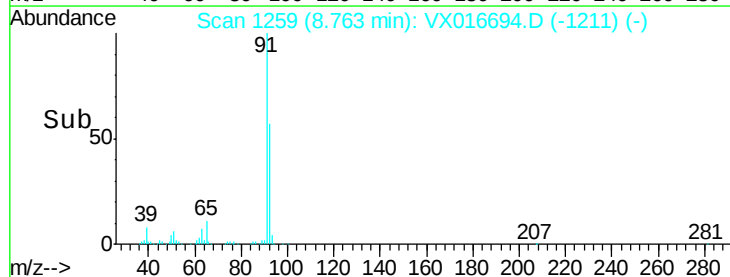
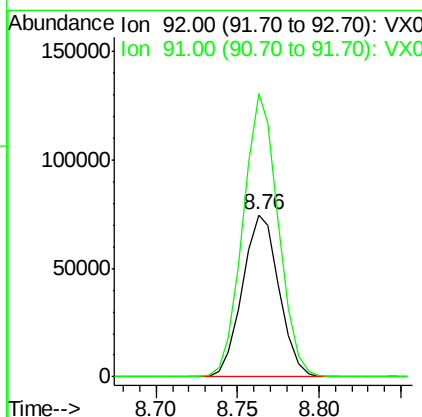
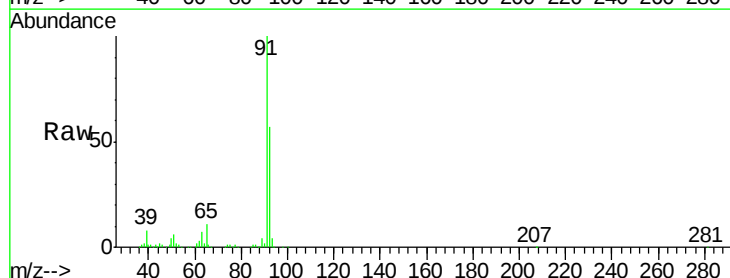
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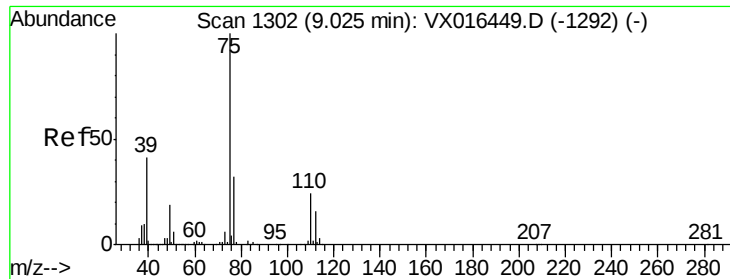
MMDadoda
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#52
Toluene
Concen: 19.258 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.1	135.0	202.4





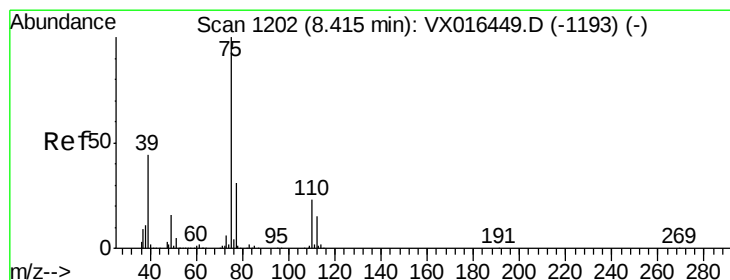
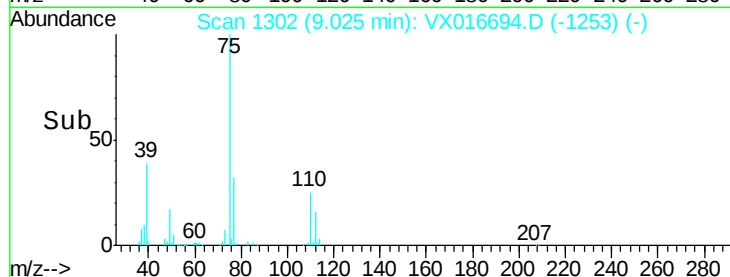
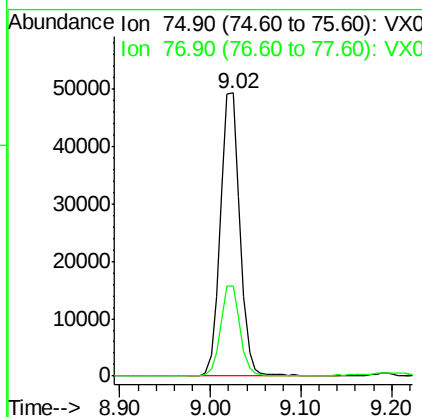
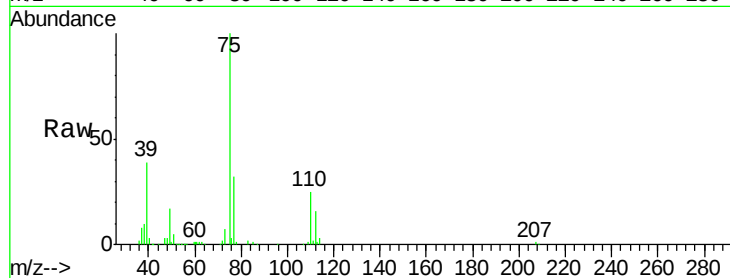
#53
t-1,3-Dichloropropene
Concen: 19.196 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.5	38.3

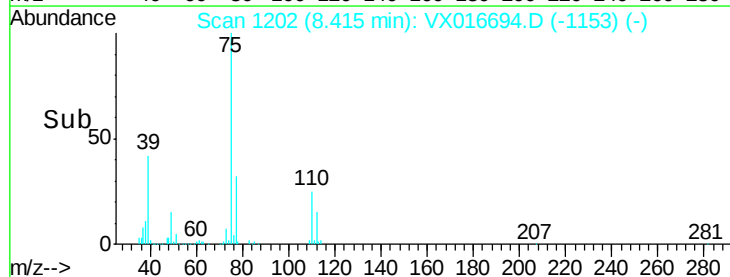
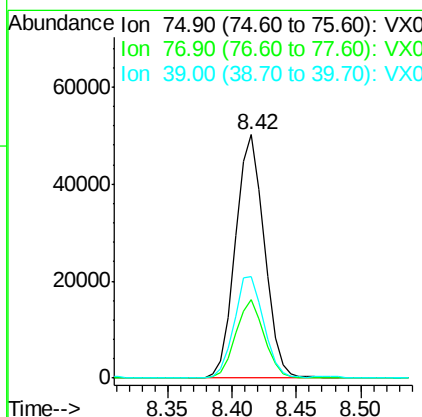
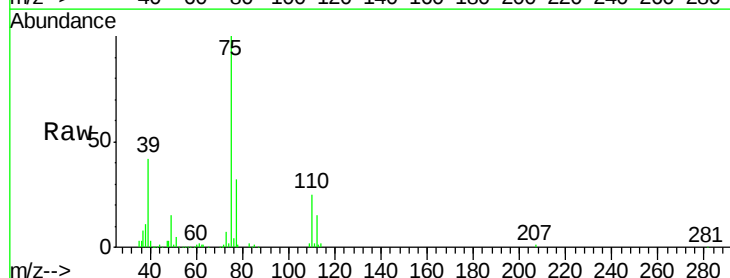
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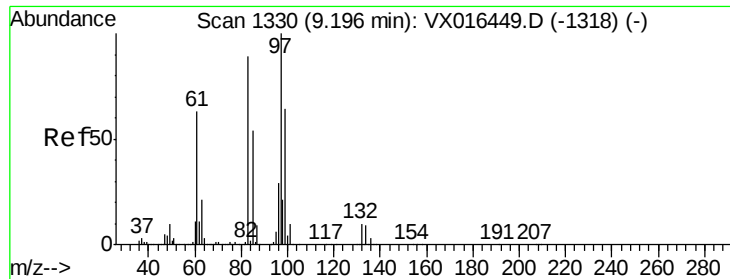
MMDadoda
6/12/2020 5:45:28 PM



#54
cis-1,3-Dichloropropene
Concen: 19.180 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.6	36.8
39	41.4	35.3	52.9





#55

1,1,2-Trichloroethane

Concen: 19.840 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Instrument :

MSVOA_X

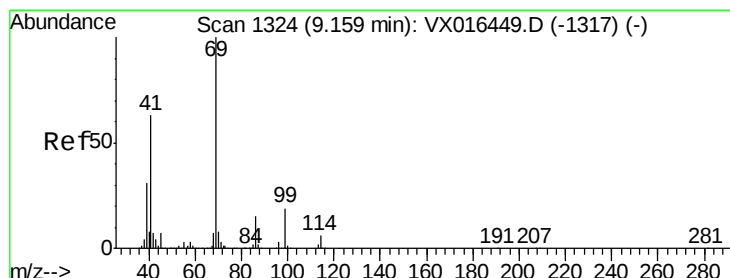
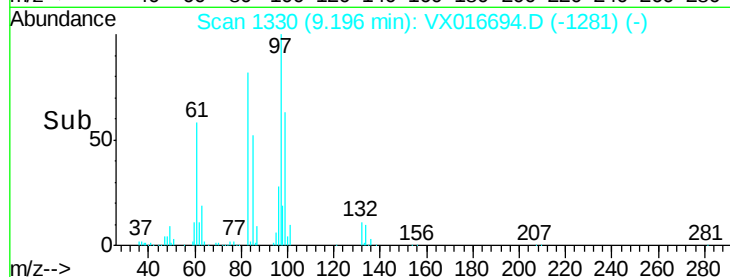
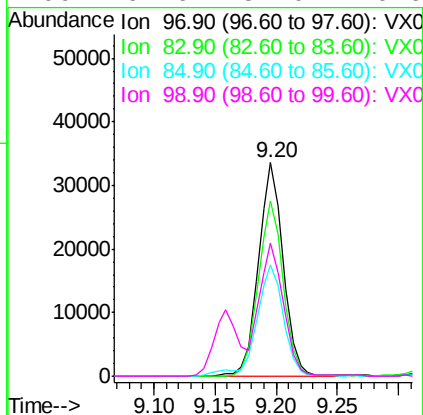
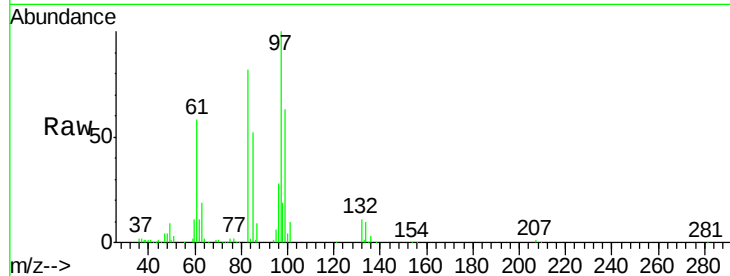
ClientSampleId :

VX0611WBS01

Tot Ion:	97	Resp:	47749
Ion	Ratio	Lower	Upper
97	100		
83	82.1	70.9	106.3
85	52.4	43.4	65.2
99	62.6	51.0	76.6

Manual Integrations
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#56

Ethyl methacrylate

Concen: 17.607 ug/l

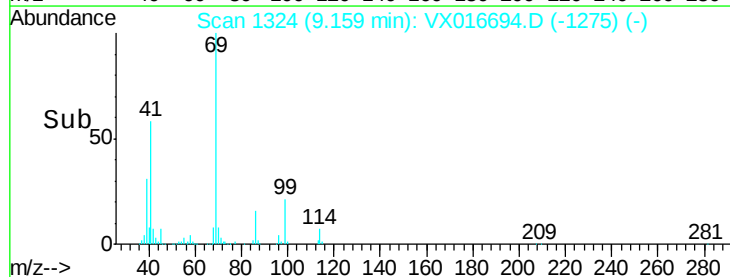
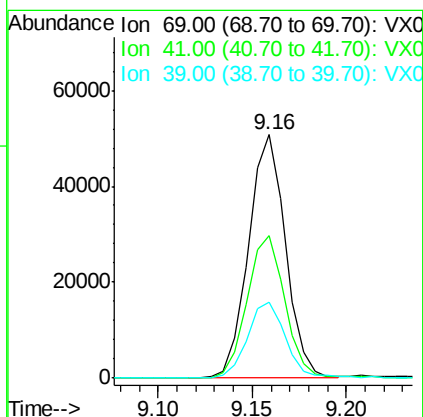
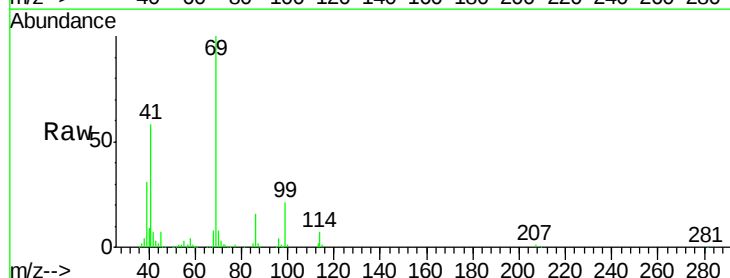
RT: 9.16 min Scan# 1324

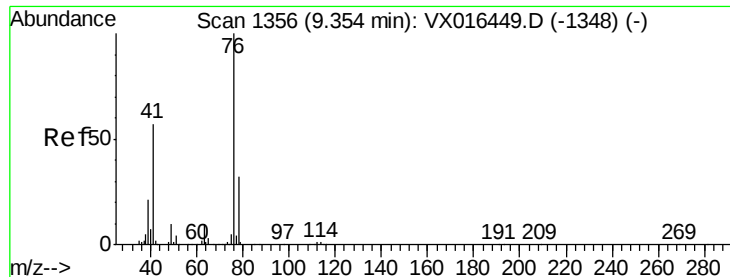
Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Tgt Ion:	69	Resp:	69012
Ion	Ratio	Lower	Upper
69	100		
41	60.9	50.7	76.1
39	32.3	25.8	38.6





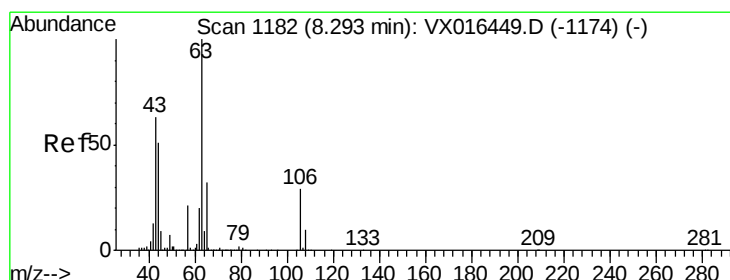
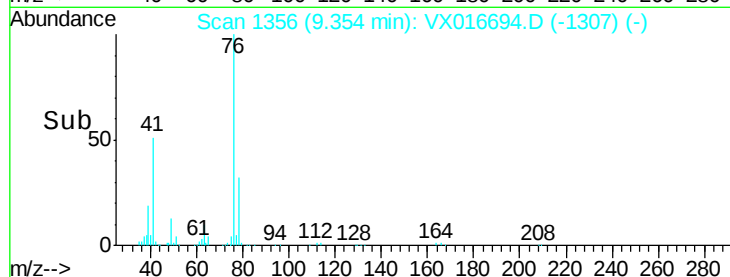
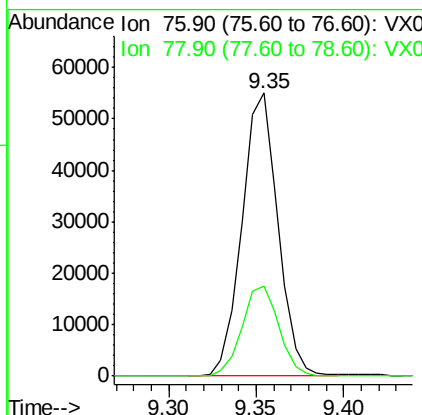
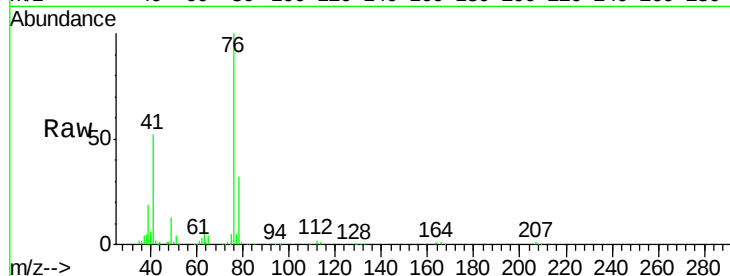
#57
 1,3-Dichloropropane
 Concen: 19.002 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016694.D
 Acq: 11 Jun 2020 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Tot Ion: 76 Resp: 78496
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.2 39.4

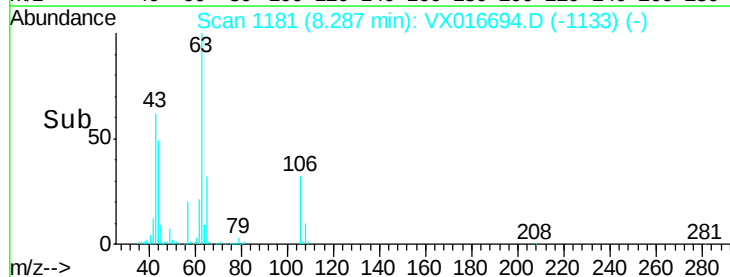
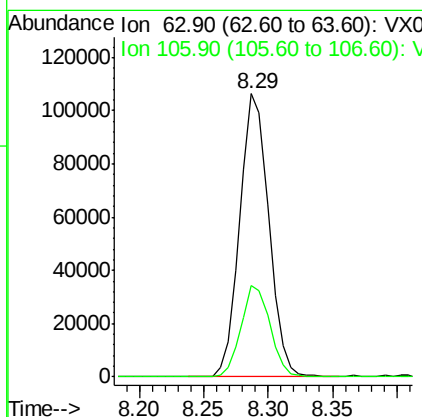
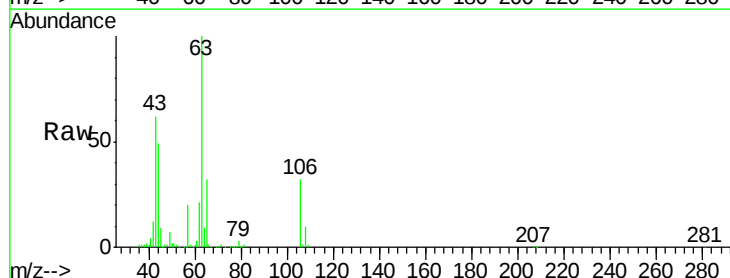
Manual Integrations
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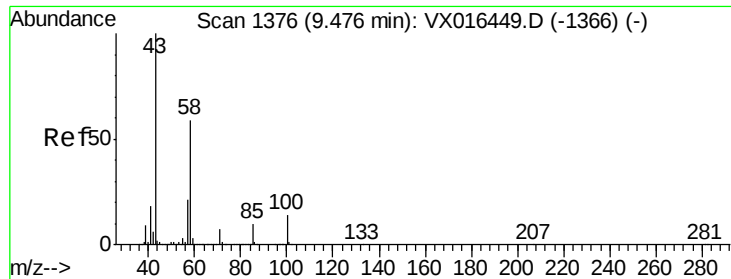
MMDadoda
 6/12/2020 5:45:28 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 81.222 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016694.D
 Acq: 11 Jun 2020 11:25

Tgt Ion: 63 Resp: 166168
 Ion Ratio Lower Upper
 63 100
 106 32.1 23.2 34.8





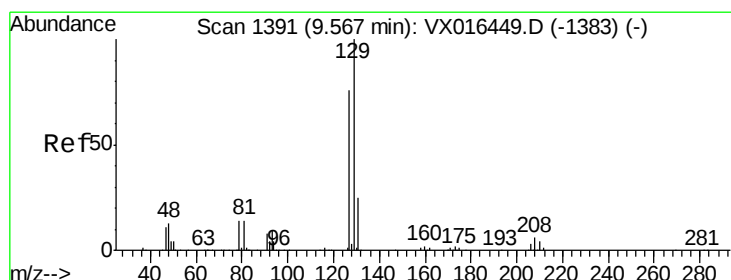
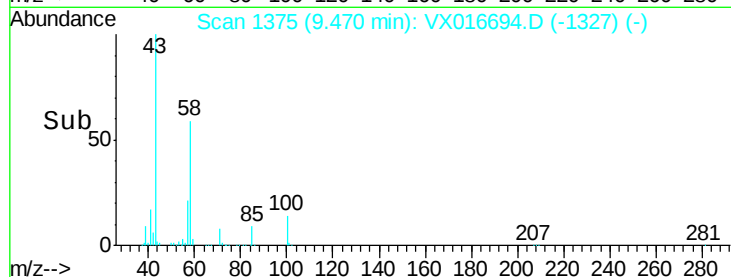
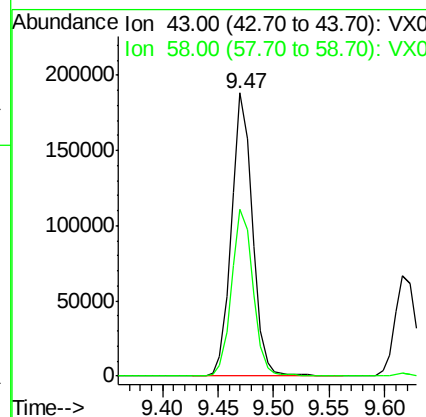
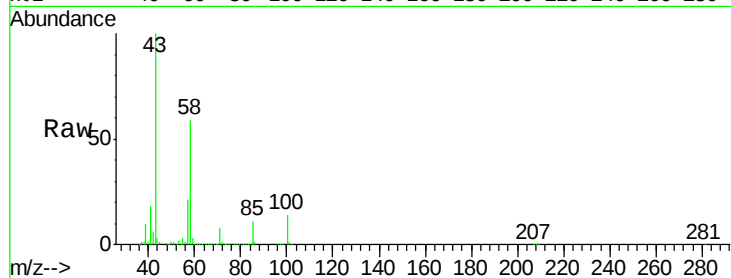
#59
2-Hexanone
Concen: 84.081 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion: 43 Resp: 245758
Ion Ratio Lower Upper
43 100
58 60.4 28.8 86.4

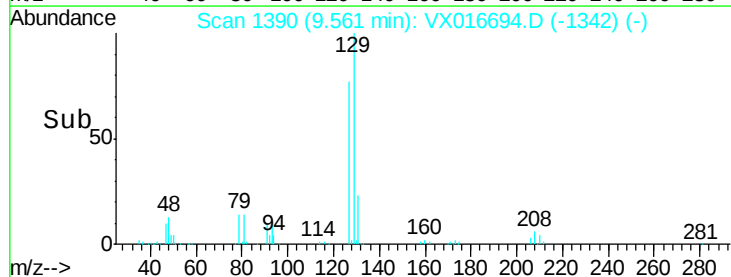
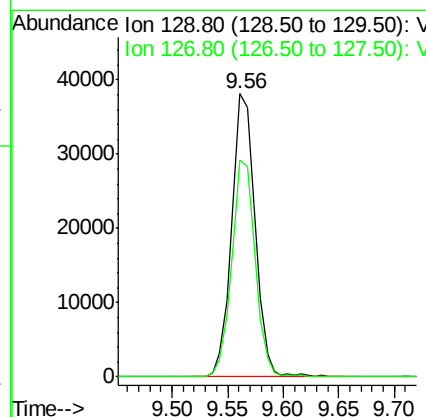
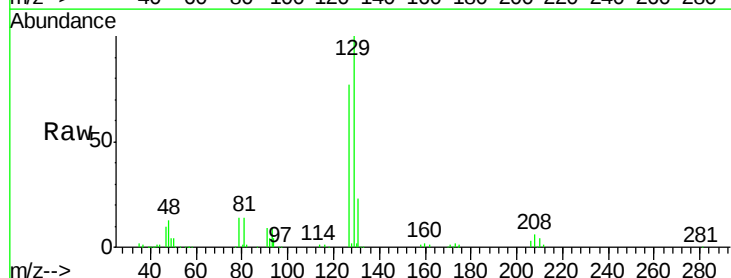
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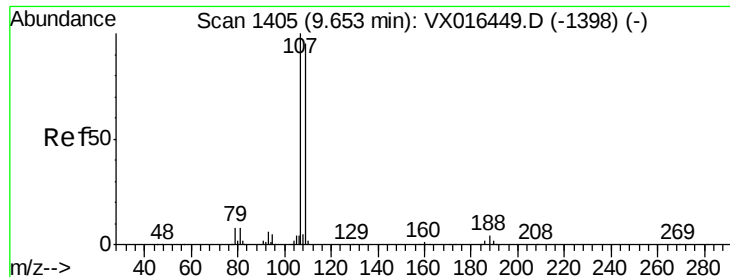
MMDadoda
6/12/2020 5:45:28 PM



#60
Dibromochloromethane
Concen: 20.591 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Tgt Ion: 129 Resp: 55768
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





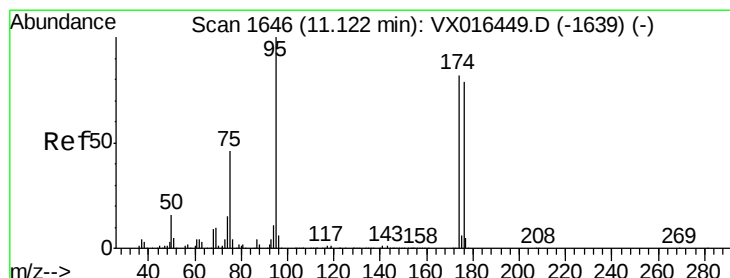
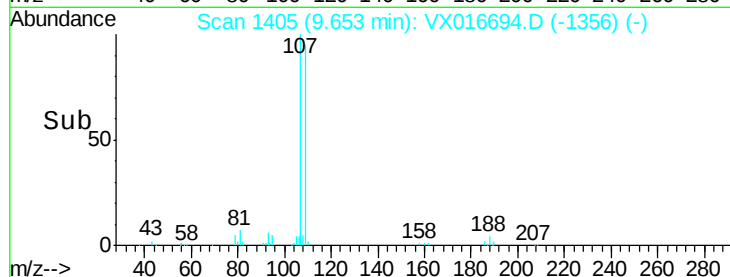
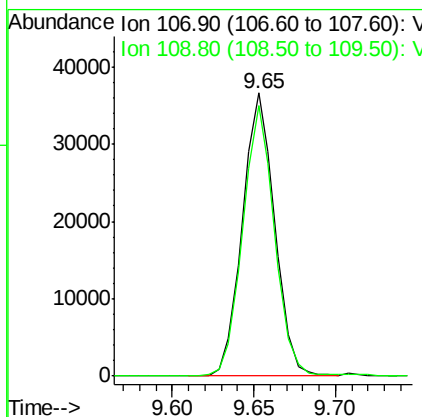
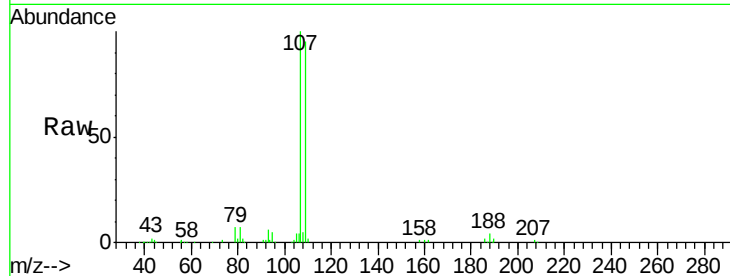
#61
 1,2-Dibromoethane
 Concen: 19.648 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016694.D
 Acq: 11 Jun 2020 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.5	113.3

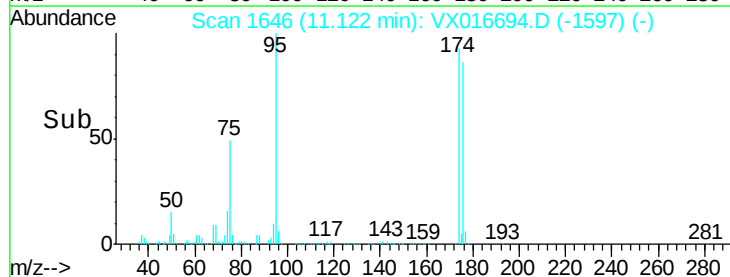
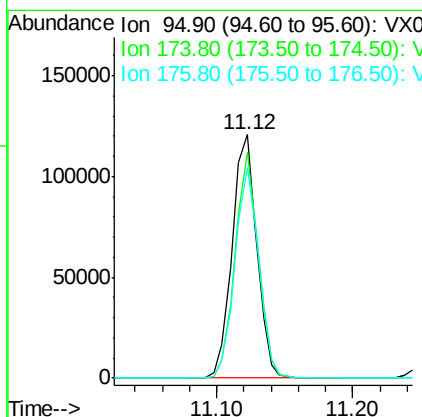
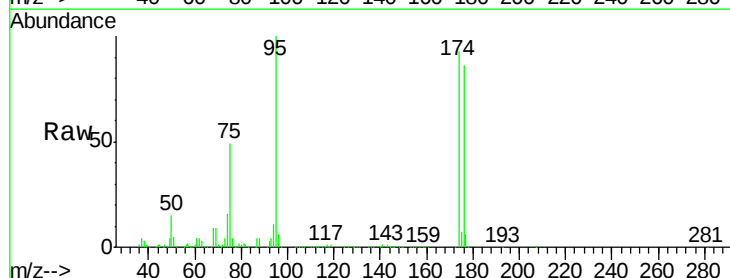
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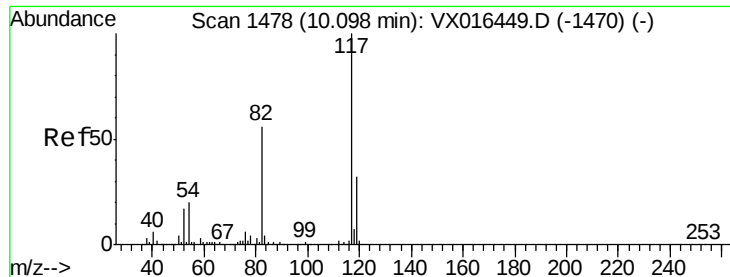
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#62
 4-Bromofluorobenzene
 Concen: 48.237 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX016694.D
 Acq: 11 Jun 2020 11:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	163.0
176	83.6	0.0	156.8





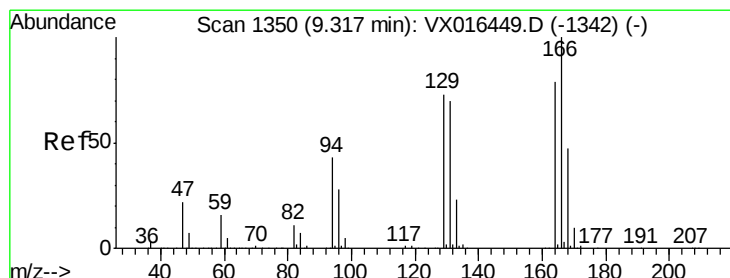
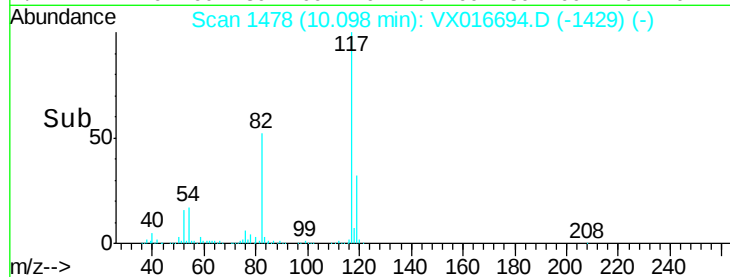
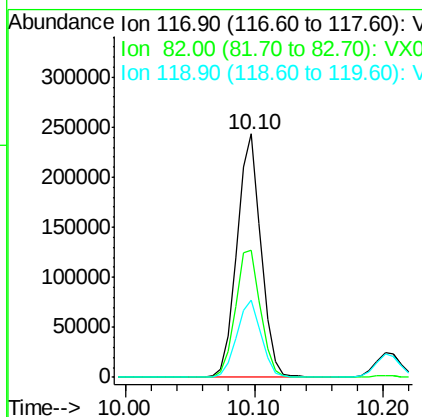
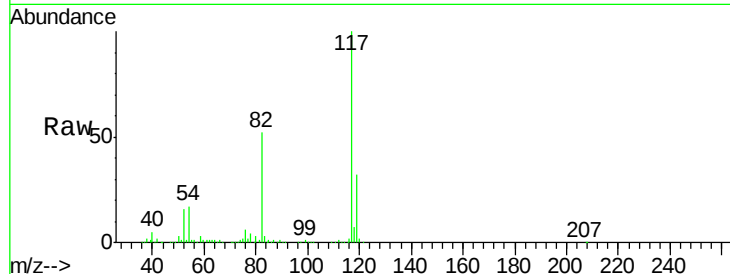
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	314395		
82	52.0	45.0	67.6	
119	31.6	25.8	38.8	

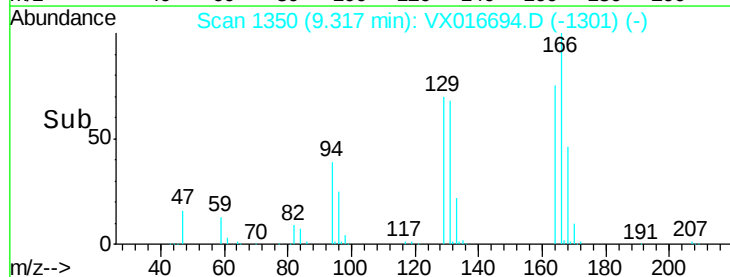
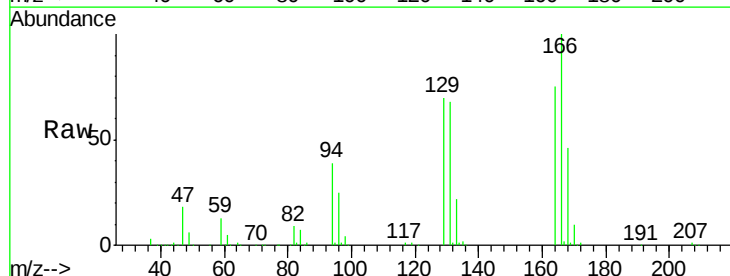
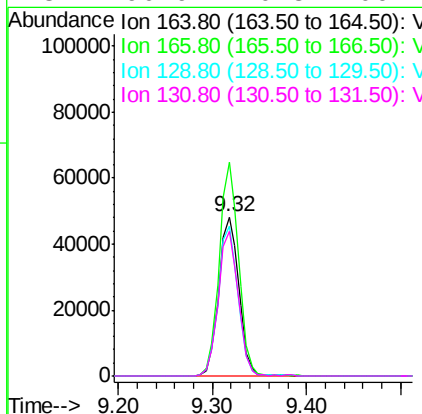
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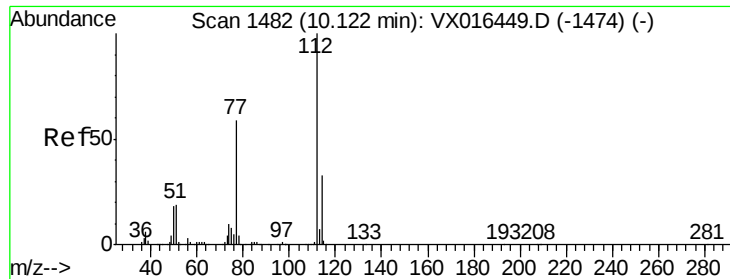
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#64
Tetrachloroethene
Concen: 20.337 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	71532		
166	134.1	100.9	151.3	
129	94.2	73.2	109.8	
131	90.9	70.8	106.2	





#65

Chlorobenzene

Concen: 19.452 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion:112 Resp: 124678

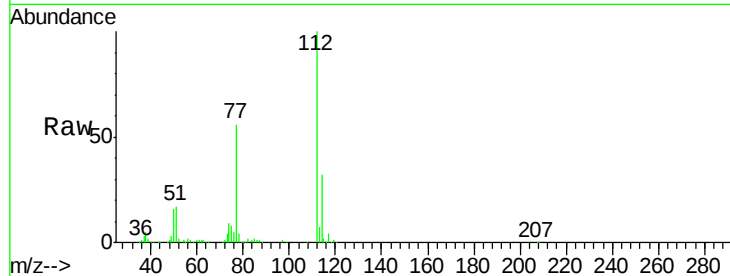
Ion Ratio Lower Upper

112 100

114 32.4 26.0 39.0

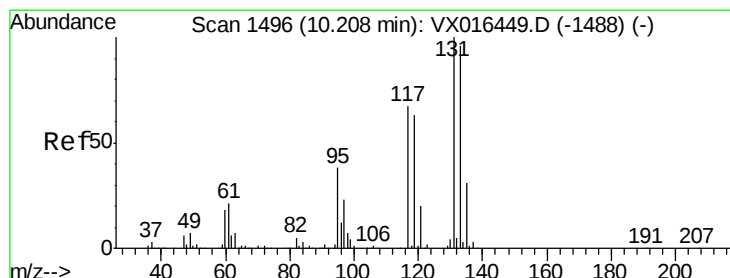
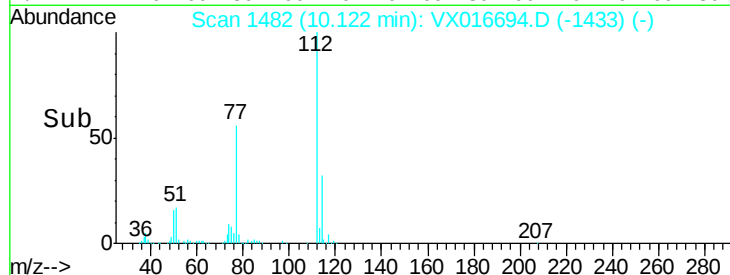
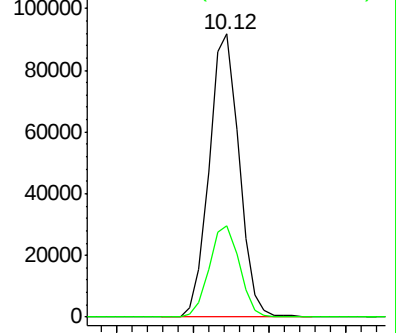
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.834 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

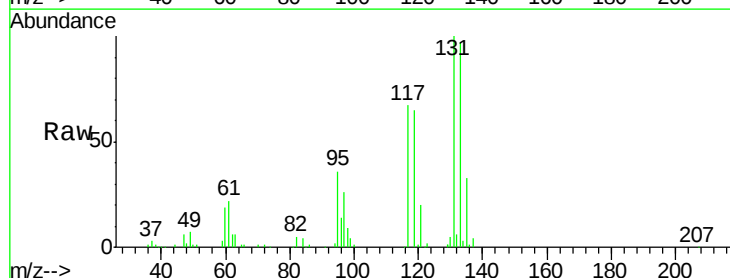
Tgt Ion:131 Resp: 50976

Ion Ratio Lower Upper

131 100

133 97.6 48.4 145.3

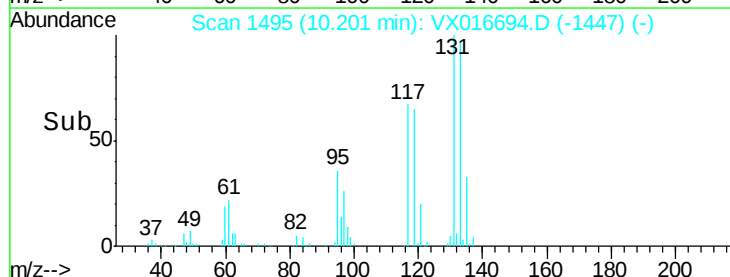
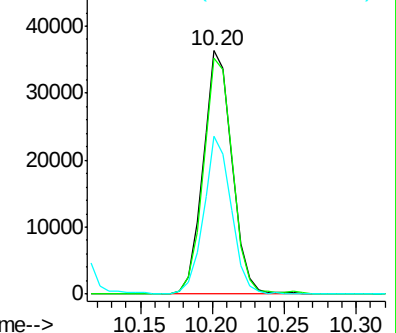
119 62.3 32.0 96.2

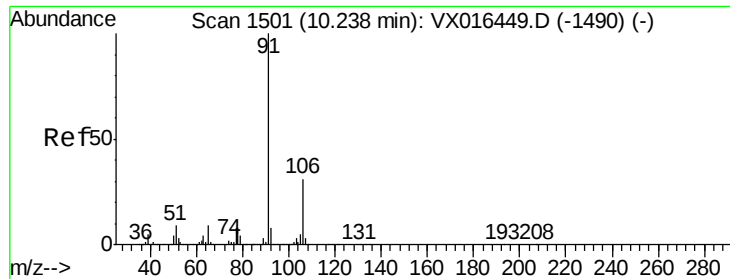


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.877 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion: 91 Resp: 215420

Ion Ratio Lower Upper

91 100

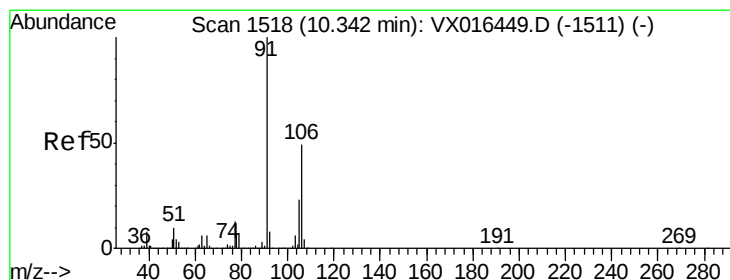
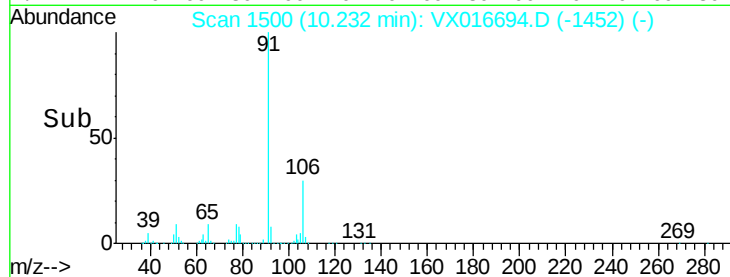
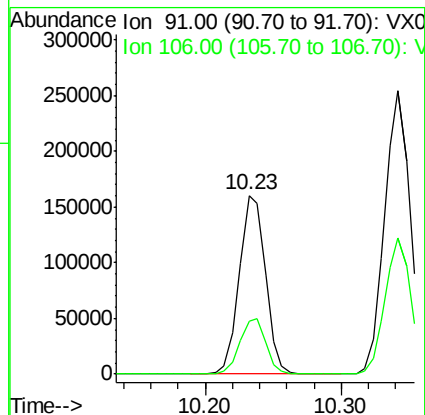
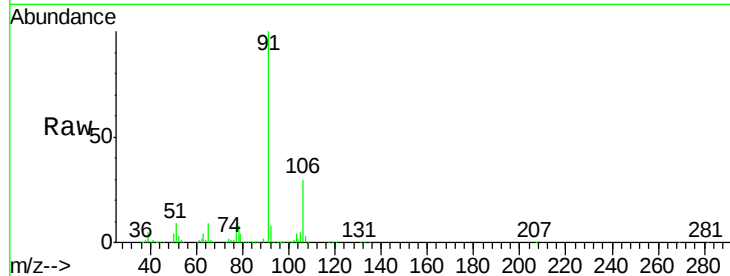
106 29.6 25.0 37.4

Manual Integrations

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#68

m/p-Xylenes

Concen: 38.518 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016694.D

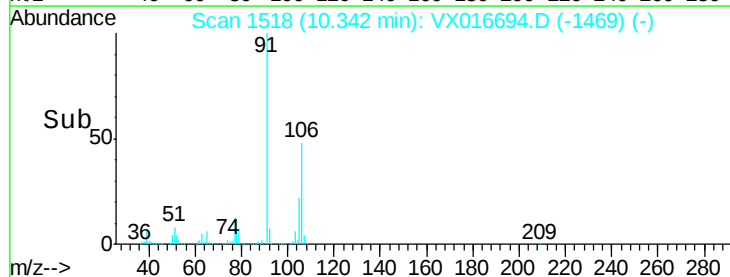
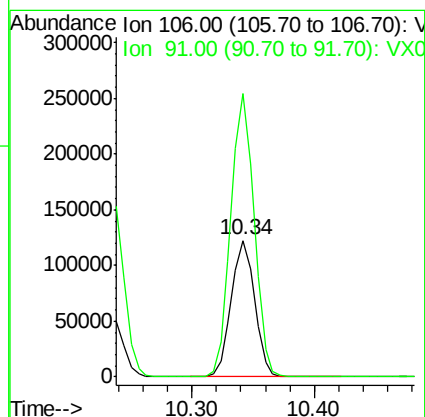
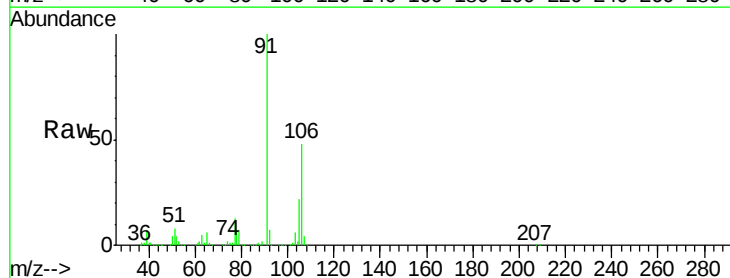
Acq: 11 Jun 2020 11:25

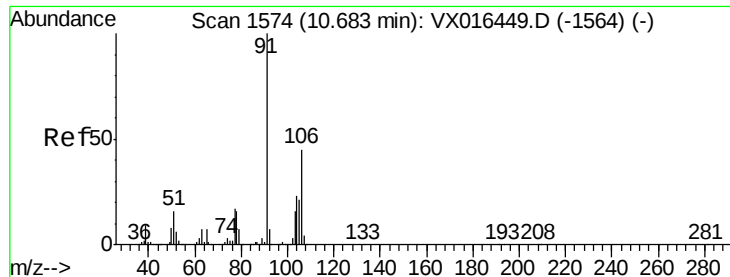
Tgt Ion: 106 Resp: 162978

Ion Ratio Lower Upper

106 100

91 205.8 163.8 245.8





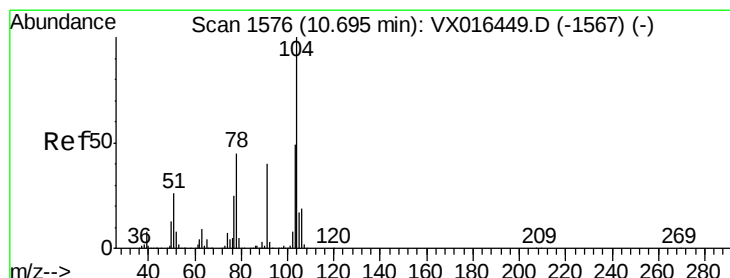
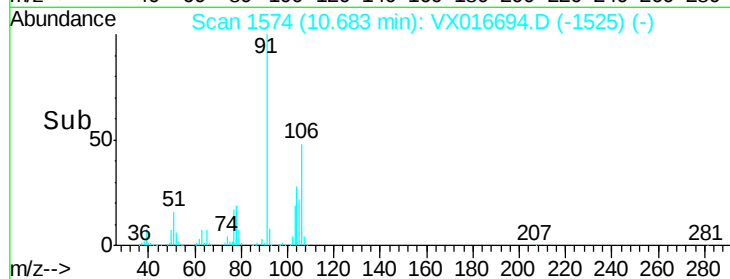
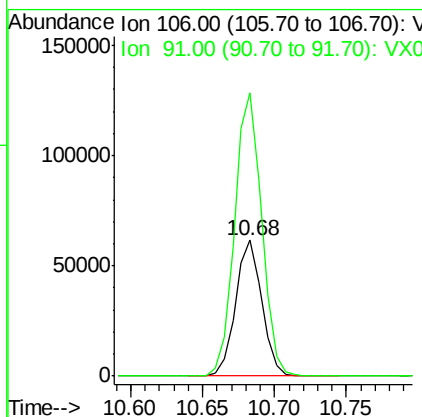
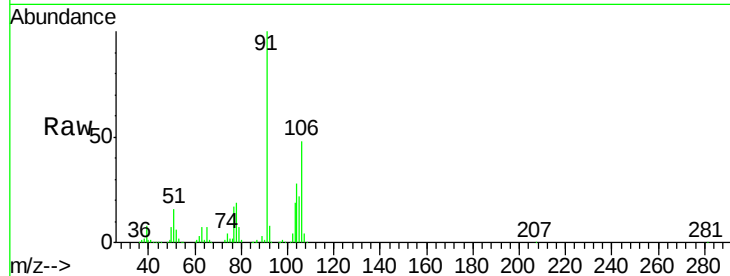
#69
o-Xylene
Concen: 19.077 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Instrument :
MSVOA_X
ClientSampled :
VX0611WBS01

Tot Ion:106 Resp: 78174
Ion Ratio Lower Upper
106 100
91 215.0 109.6 328.8

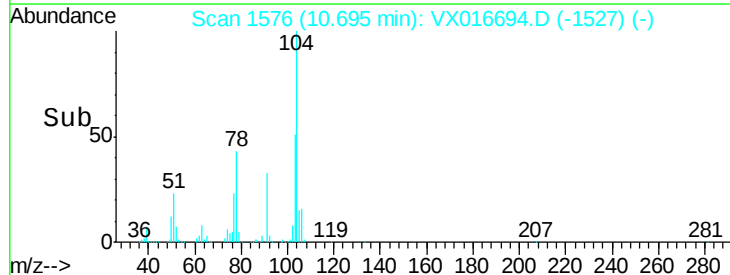
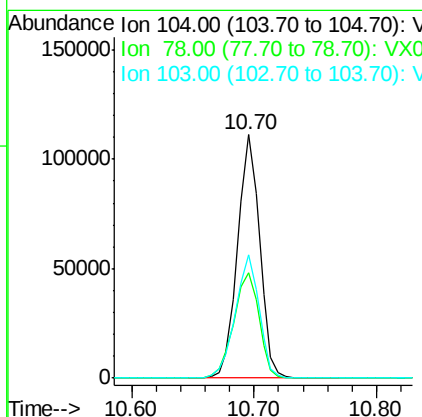
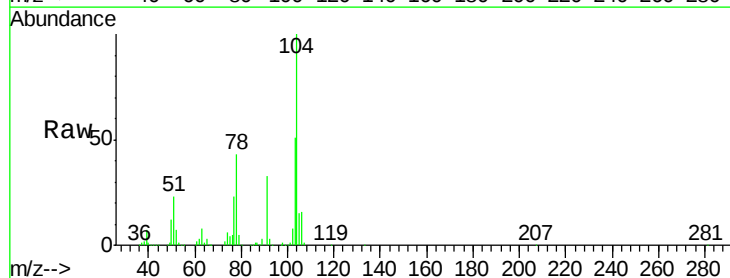
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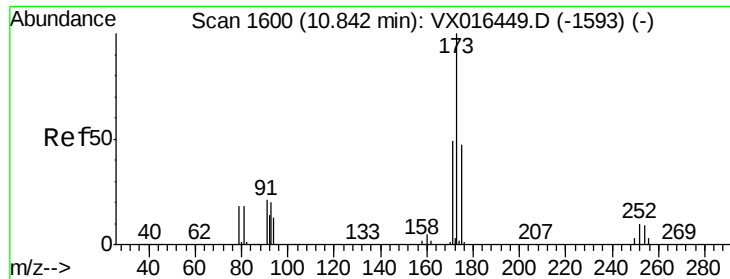
MMDadoda
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#70
Styrene
Concen: 19.659 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Tgt Ion:104 Resp: 138464
Ion Ratio Lower Upper
104 100
78 49.9 40.2 60.2
103 54.6 43.1 64.7





#71

Bromoform

Concen: 21.080 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion:173 Resp: 43590

Ion Ratio Lower Upper

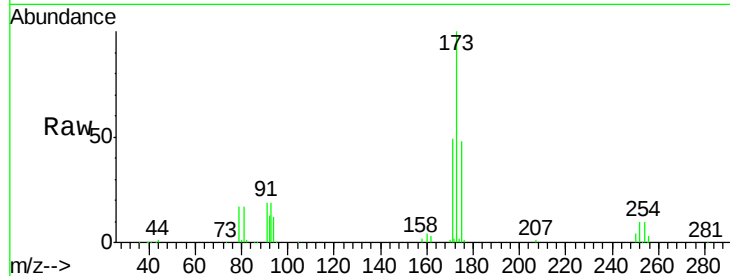
173 100

175 47.8 23.9 71.7

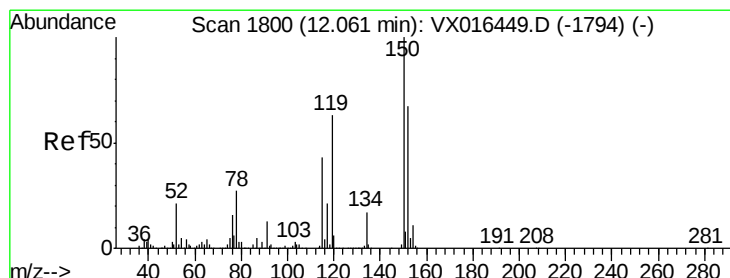
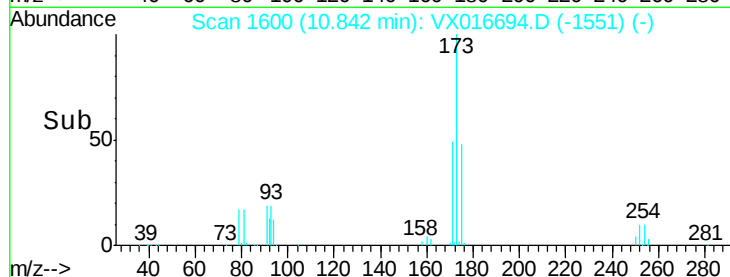
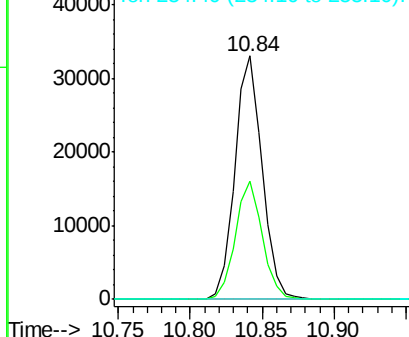
254 0.1 0.1 0.1

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

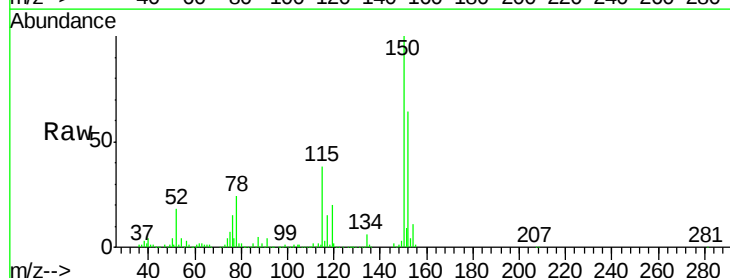
Tgt Ion:152 Resp: 158522

Ion Ratio Lower Upper

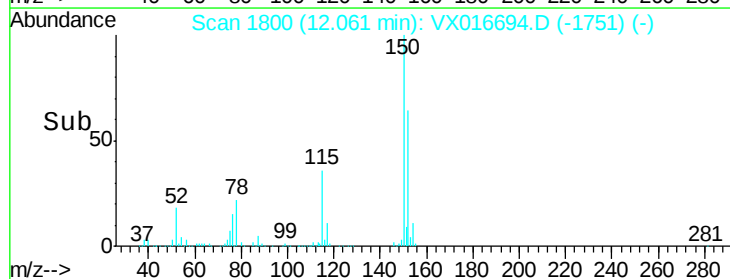
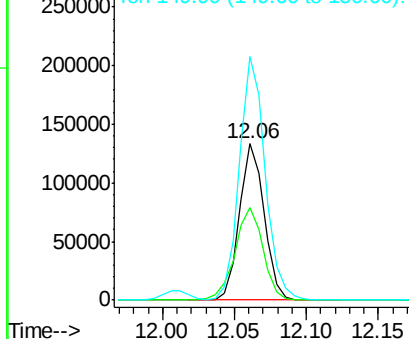
152 100

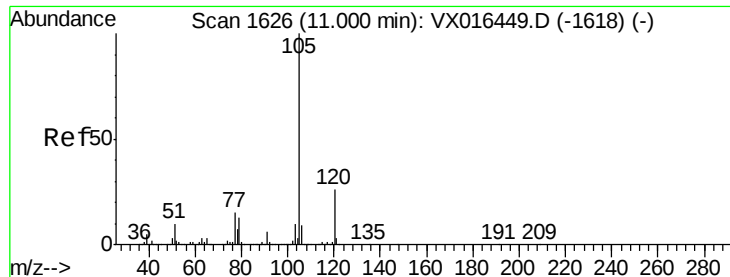
115 67.1 39.9 119.6

150 162.7 0.0 341.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.518 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion: 105 Resp: 214376

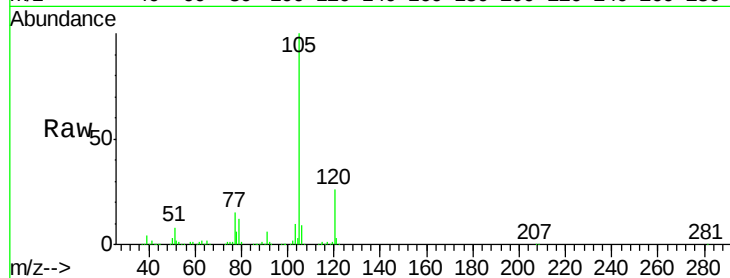
Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

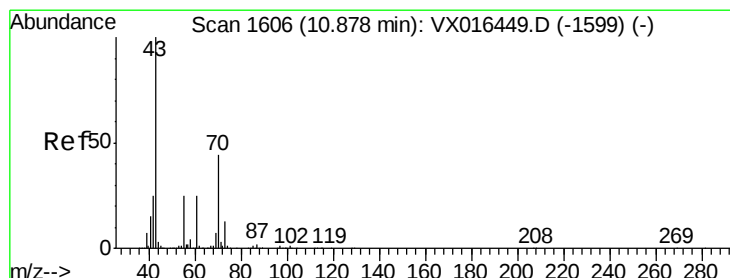
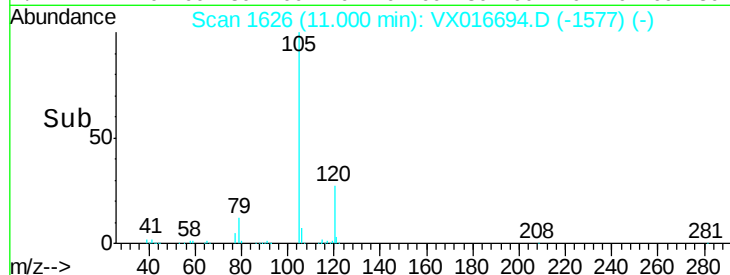
50000

0

11.00

10.95 11.00 11.05

Time-->



#74

N-ethyl acetate

Concen: 15.987 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Tgt Ion: 43 Resp: 80769

Ion Ratio Lower Upper

43 100

70 48.5 36.1 54.1

55 27.7 20.2 30.4

61 26.2 20.3 30.5

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

80000

60000

40000

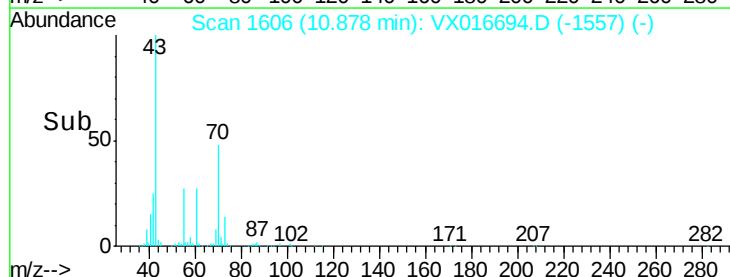
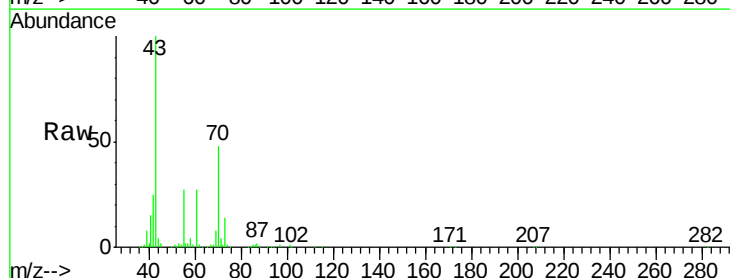
20000

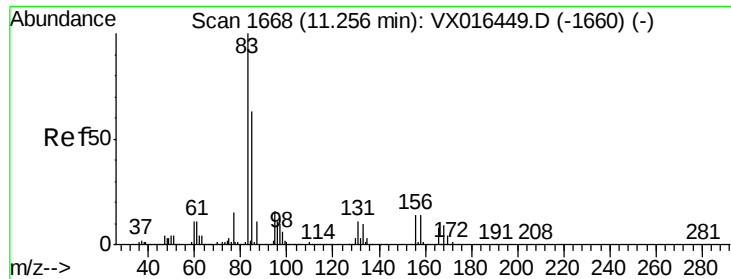
0

10.88

10.80 10.85 10.90 10.95

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.256 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Instrument :

MSVOA_X

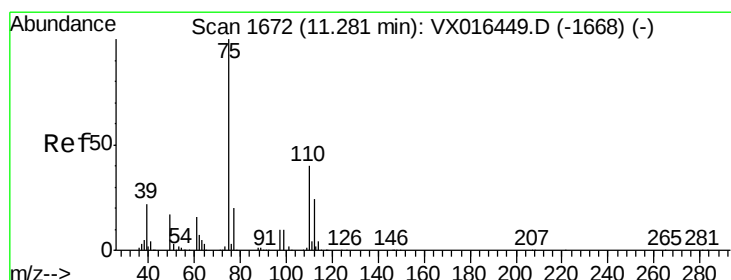
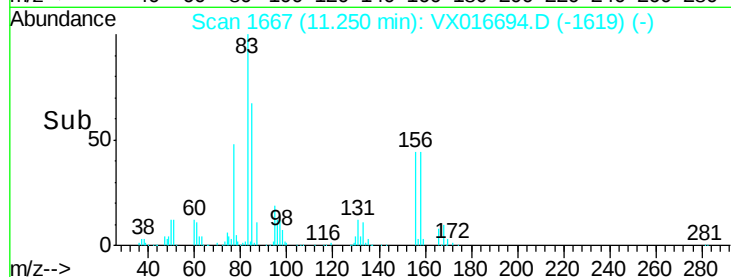
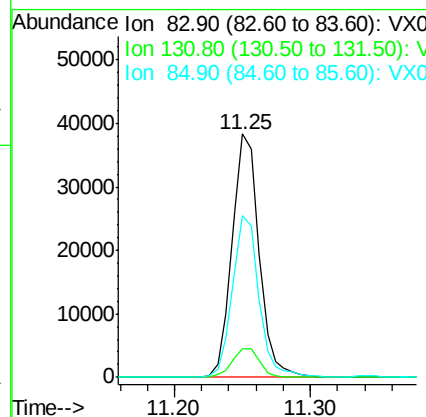
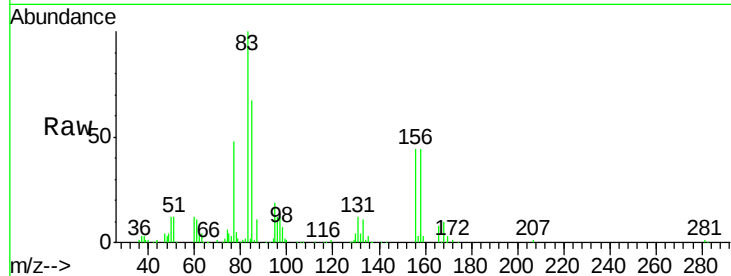
ClientSampleId :

VX0611WBS01

Tot Ion:	83	Resp:	53007
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.1	15.3
85	65.2	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.559 ug/l m

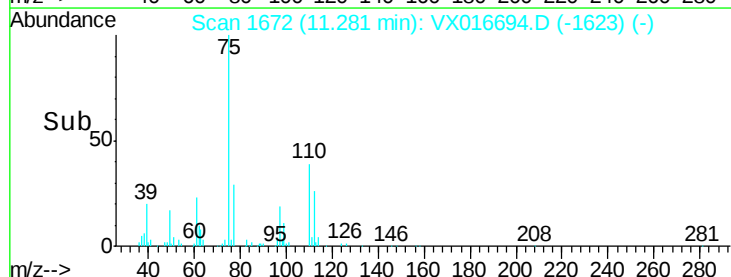
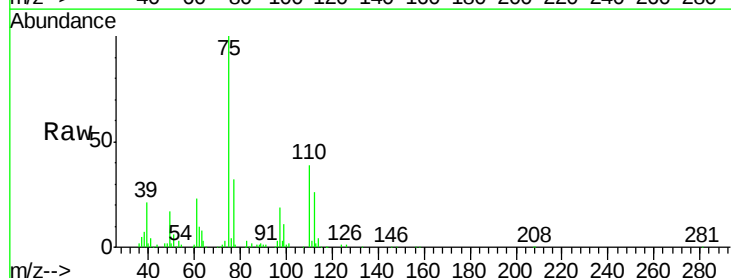
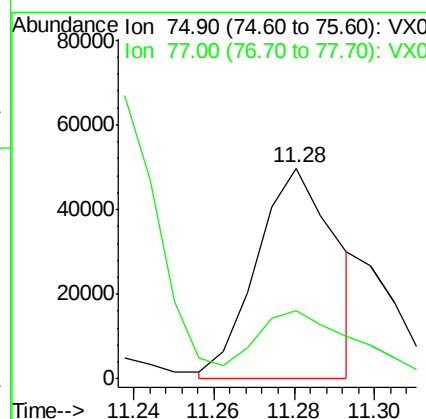
RT: 11.28 min Scan# 1672

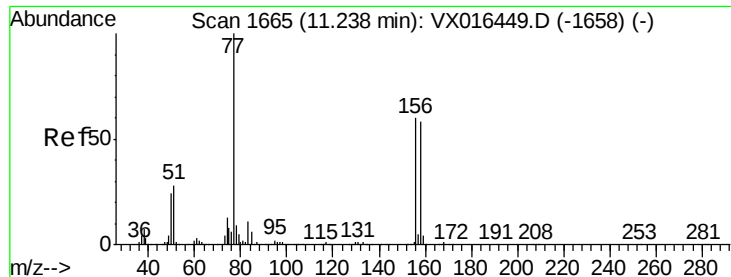
Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Tgt Ion:	75	Resp:	68152
Ion Ratio	Lower	Upper	
75	100		
77	40.9	21.3	63.7





#77

Bromobenzene

Concen: 19.732 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion:156 Resp: 56845

Ion Ratio Lower Upper

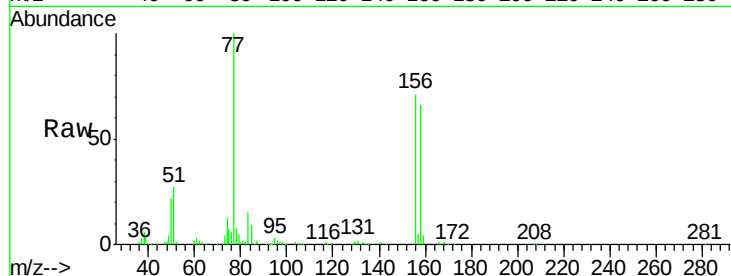
156 100

77 150.7 79.6 238.8

158 99.4 48.1 144.4

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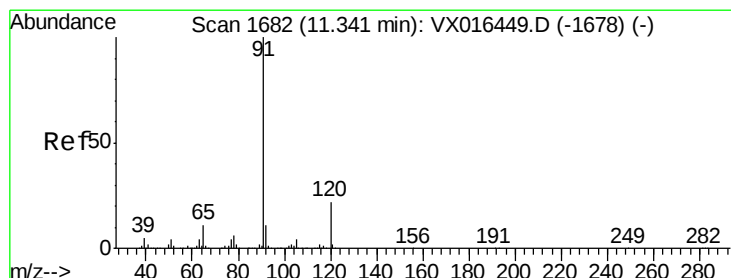
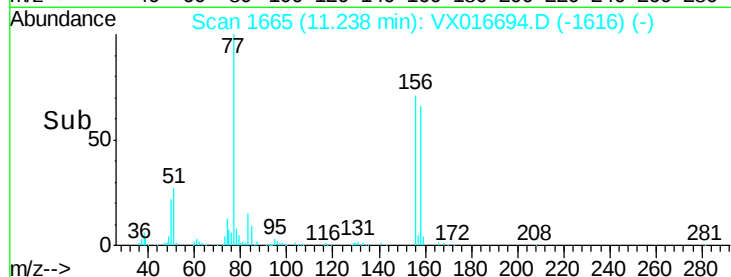
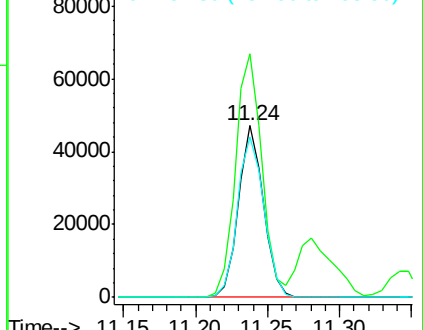
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.983 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016694.D

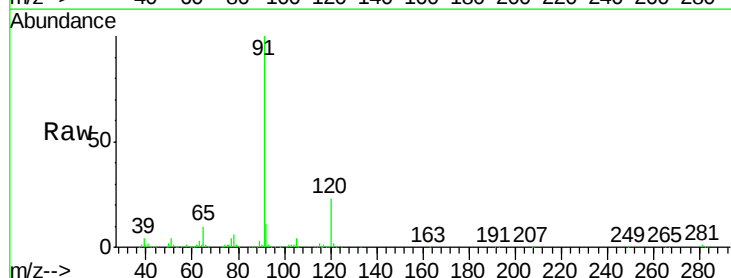
Acq: 11 Jun 2020 11:25

Tgt Ion: 91 Resp: 232947

Ion Ratio Lower Upper

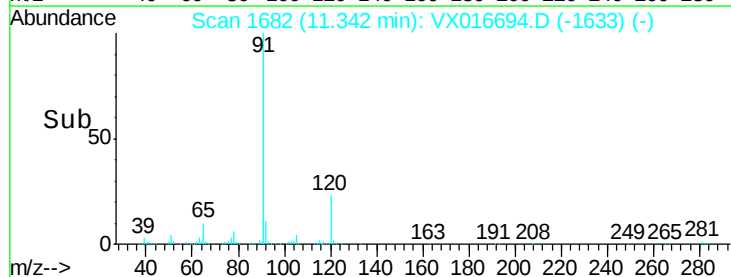
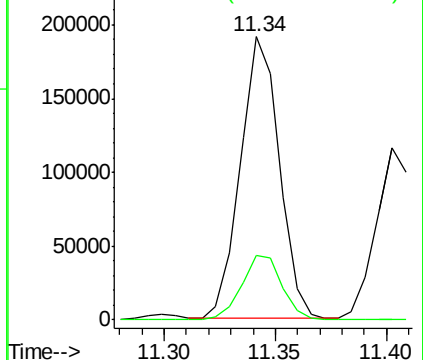
91 100

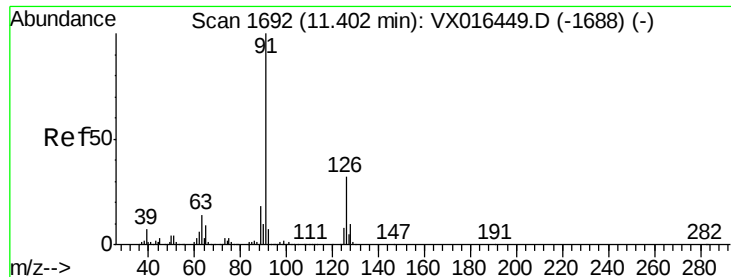
120 23.8 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





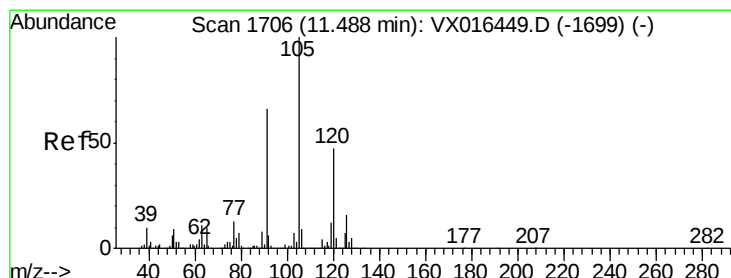
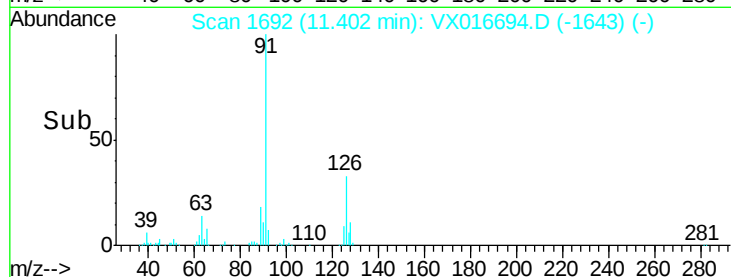
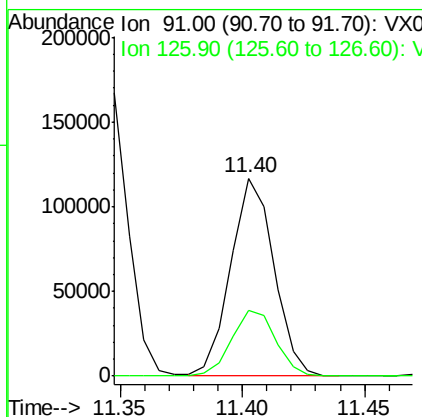
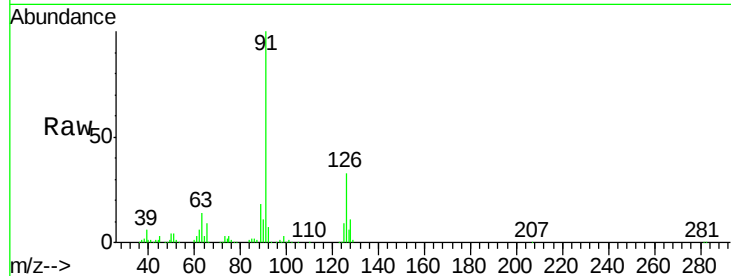
#79
2-Chlorotoluene
Concen: 19.184 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion: 91 Resp: 143692
Ion Ratio Lower Upper
91 100
126 34.2 16.8 50.3

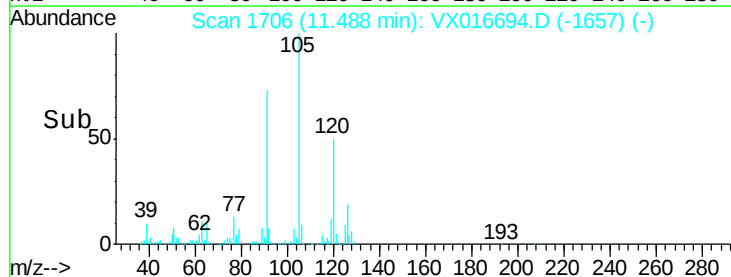
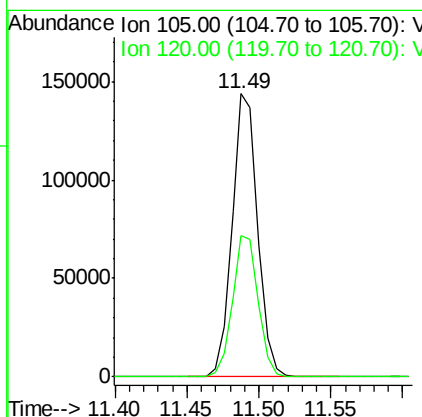
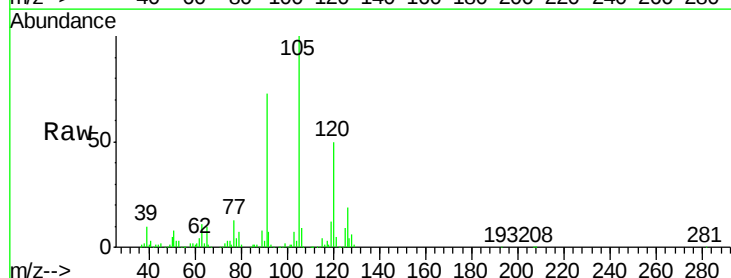
Manual Integrations
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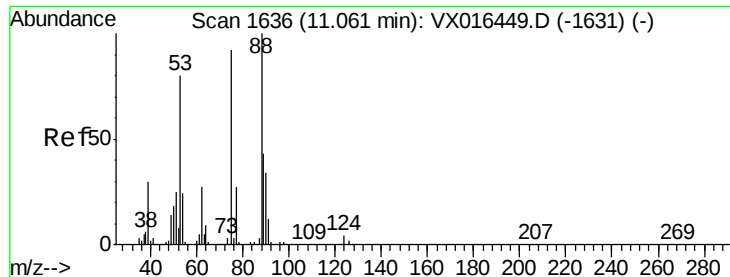
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 19.406 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Tgt Ion: 105 Resp: 177978
Ion Ratio Lower Upper
105 100
120 50.5 24.3 72.8





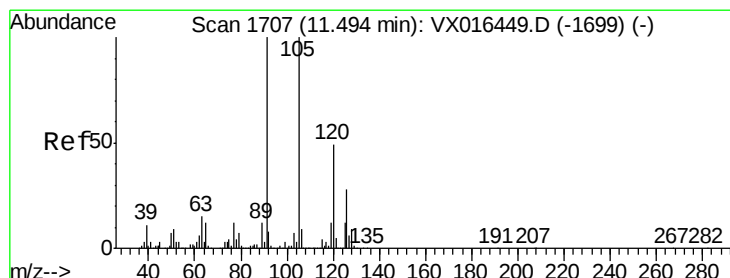
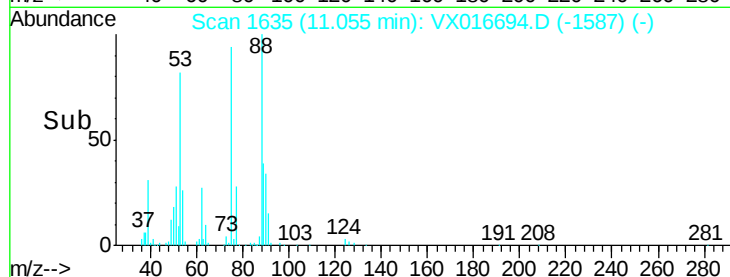
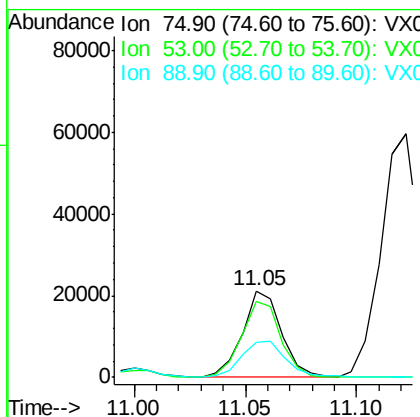
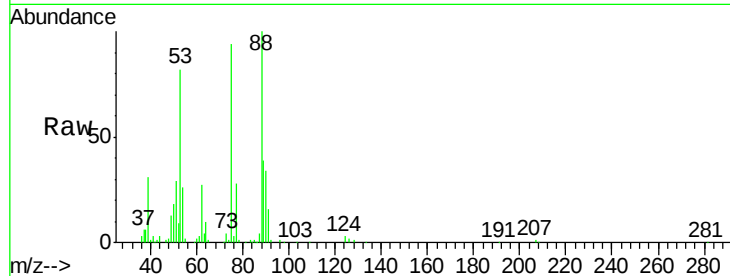
#81
trans-1,4-Dichloro-2-butene
Concen: 18.162 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.1	71.3	106.9
89	48.4	36.6	55.0

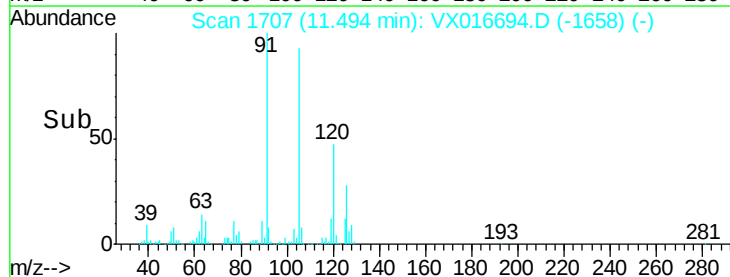
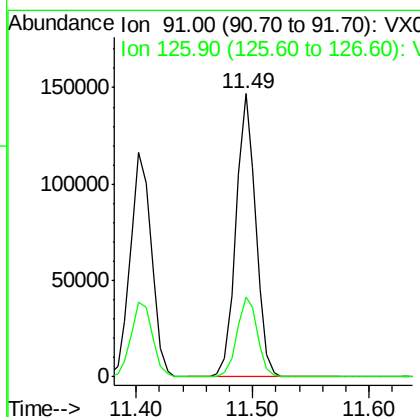
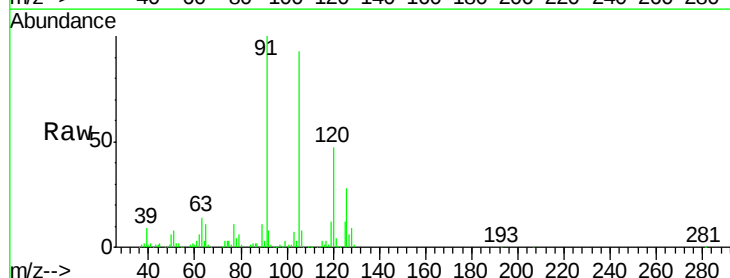
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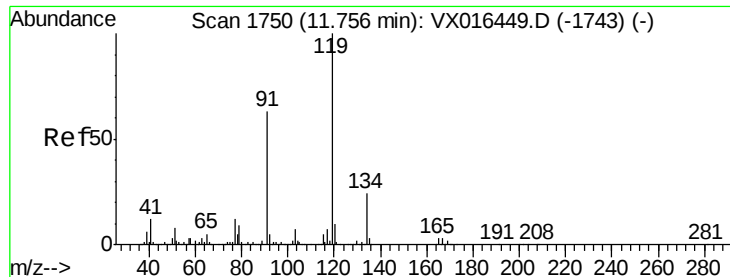
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#82
4-Chlorotoluene
Concen: 19.624 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.7	44.1





#83

tert-Butylbenzene

Concen: 19.565 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Instrument :

MSVOA_X

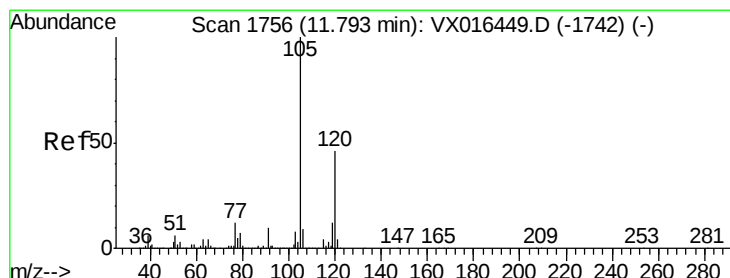
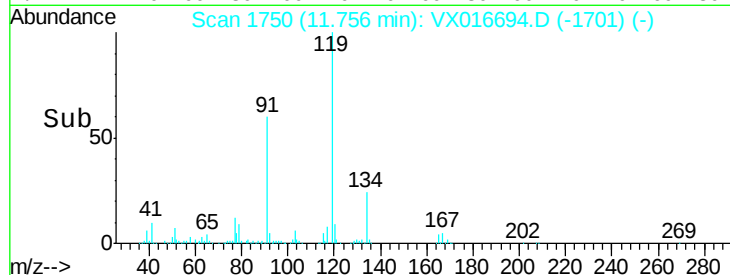
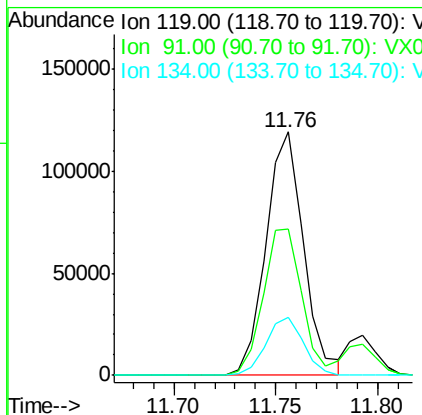
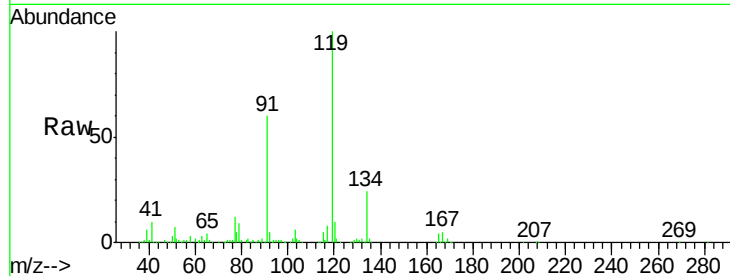
ClientSampleId :

VX0611WBS01

Tot Ion:	119	Resp:	153317
Ion Ratio	Lower	Upper	
119	100		
91	61.6	31.3	93.8
134	23.7	12.0	36.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.377 ug/l

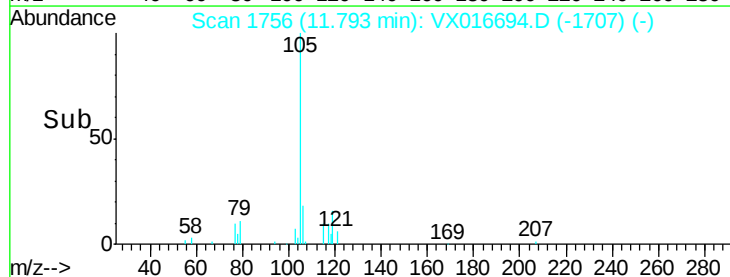
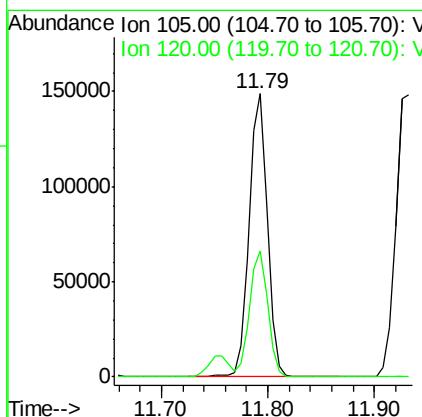
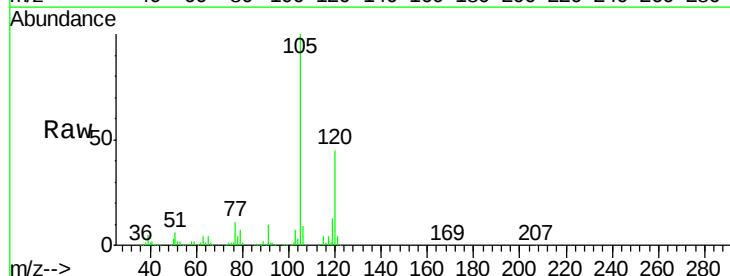
RT: 11.79 min Scan# 1756

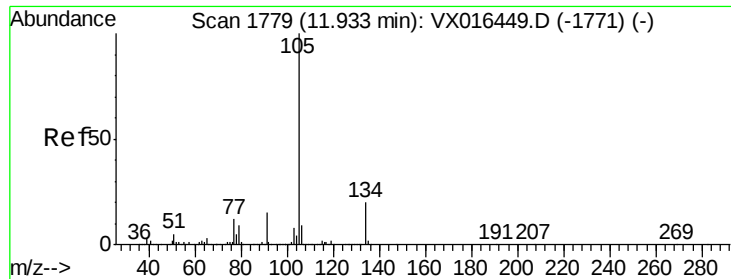
Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Tgt Ion:	105	Resp:	179721
Ion Ratio	Lower	Upper	
105	100		
120	44.5	22.6	67.7





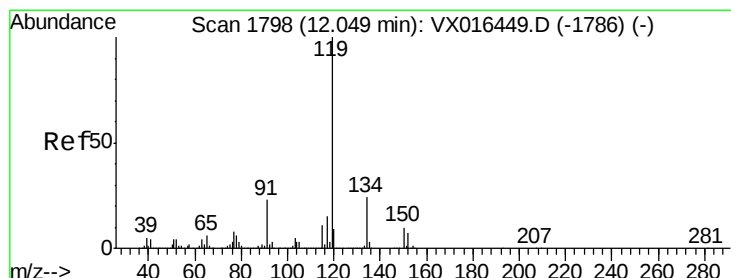
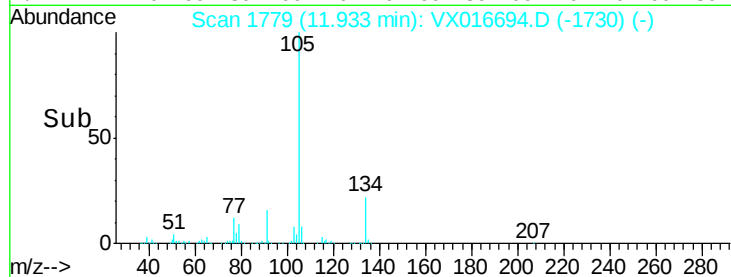
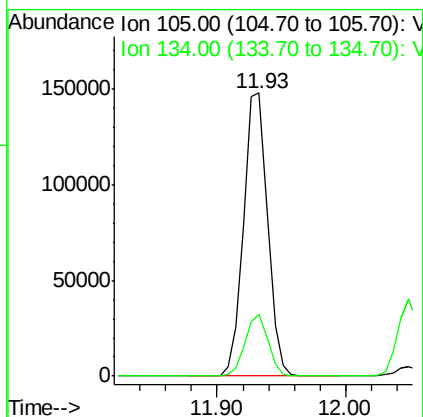
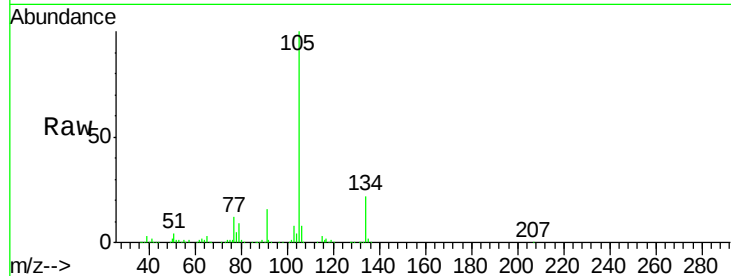
#85
 sec-Butylbenzene
 Concen: 19.283 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016694.D
 Acq: 11 Jun 2020 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	189556		
134	20.7	10.1	30.3	

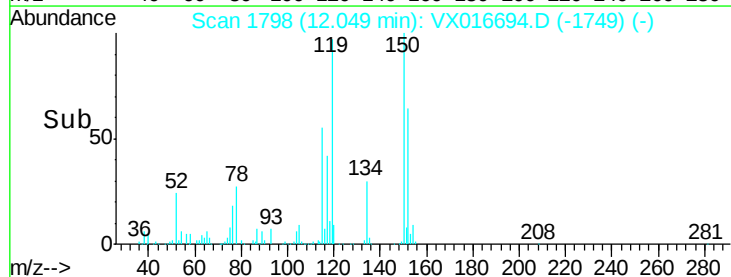
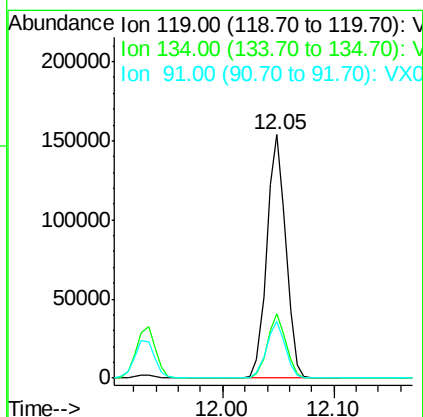
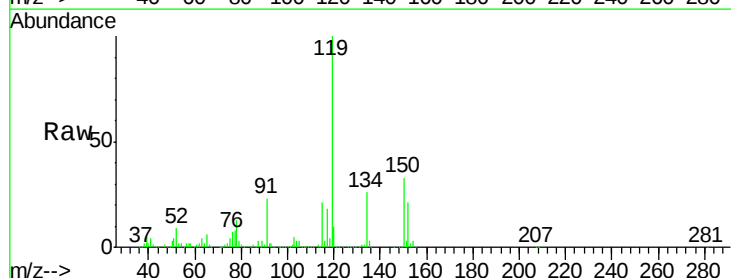
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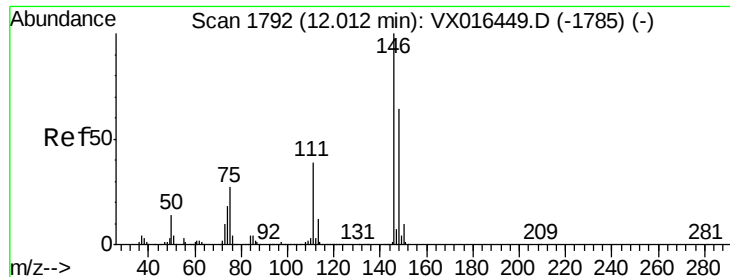
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#86
 p-Isopropyltoluene
 Concen: 19.969 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016694.D
 Acq: 11 Jun 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	183887		
134	25.9	12.7	38.0	
91	23.0	11.7	35.0	





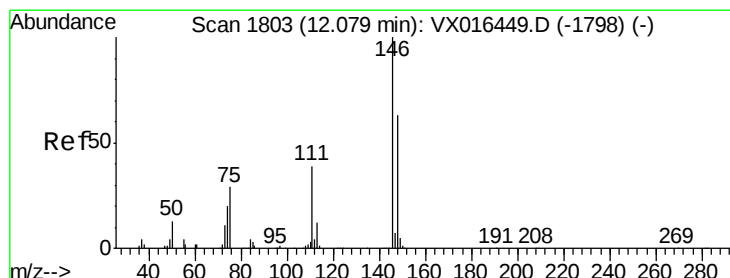
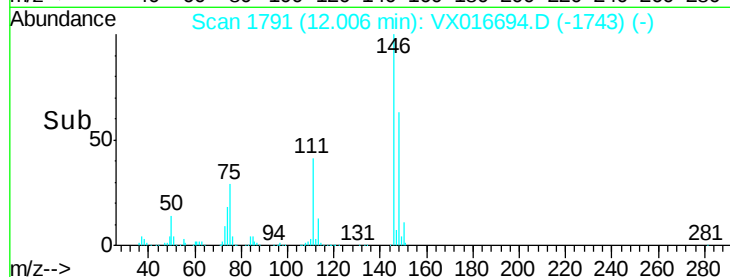
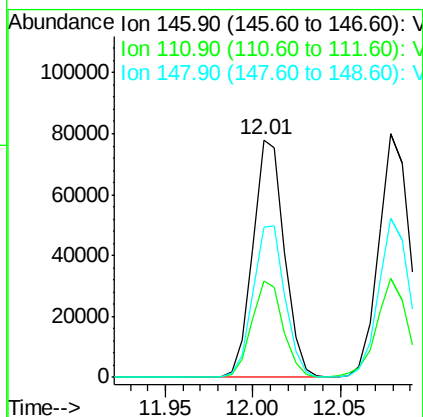
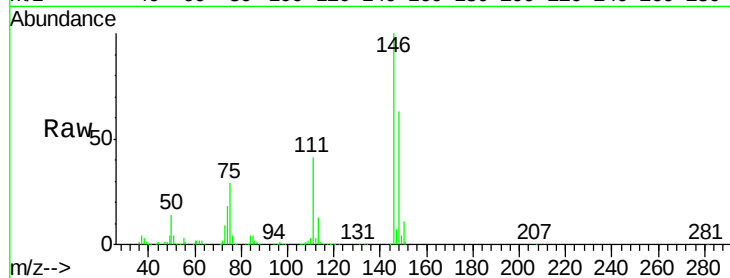
#87
 1,3-Dichlorobenzene
 Concen: 19.604 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016694.D
 Acq: 11 Jun 2020 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.0	60.0
148	64.5	31.9	95.5

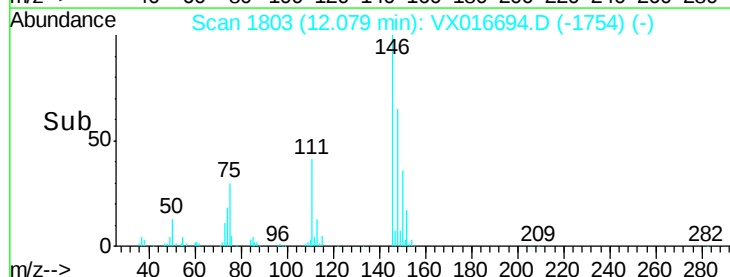
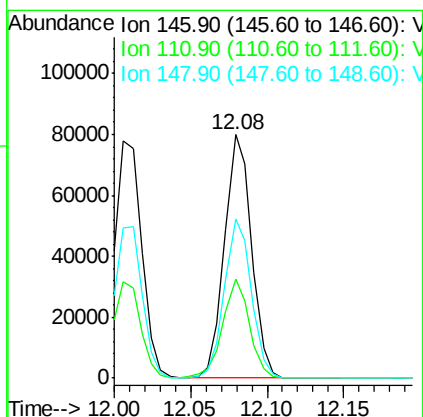
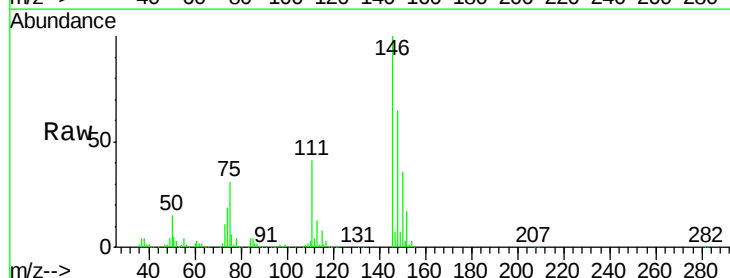
Manual Integrations
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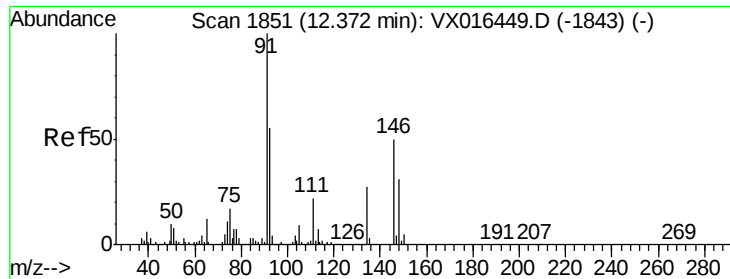
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 6/12/2020 5:45:28 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.126 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016694.D
 Acq: 11 Jun 2020 11:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.4	58.2
148	65.4	31.4	94.3





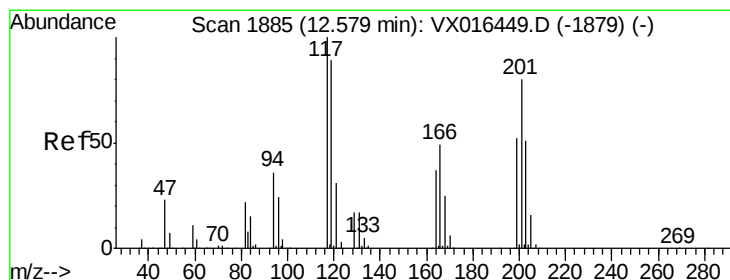
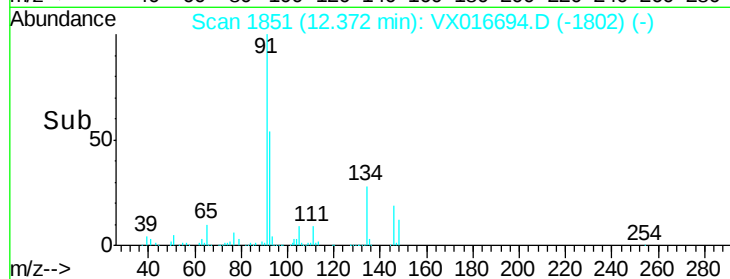
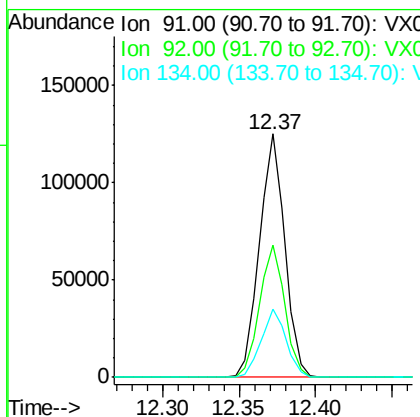
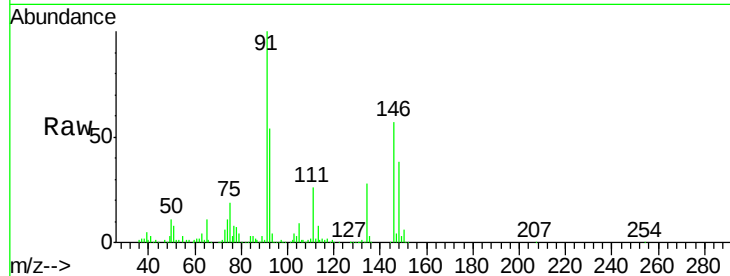
#89
n-Butylbenzene
Concen: 18.962 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	145441		
92	53.8	27.2	81.5	
134	27.7	13.1	39.3	

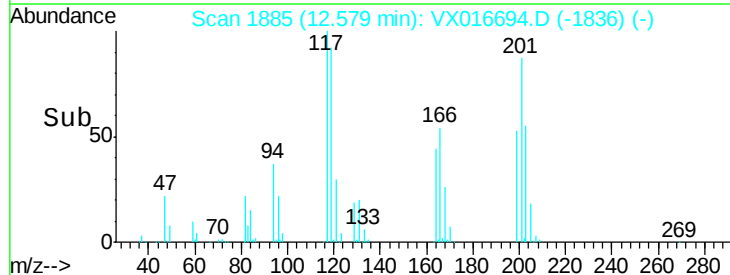
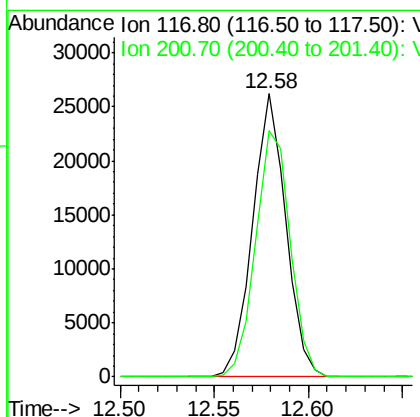
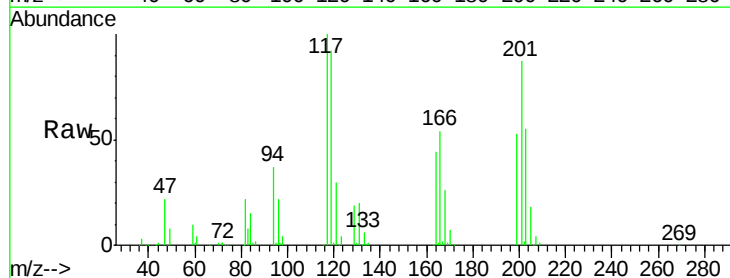
Manual Integrations
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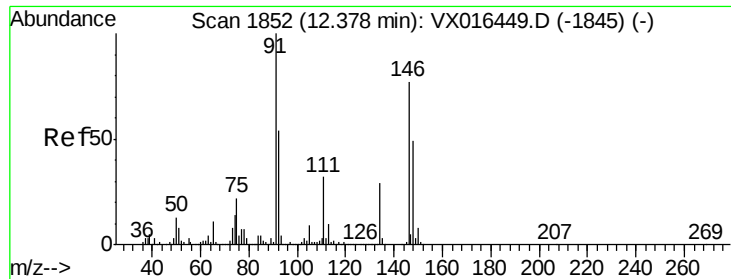
MMDadoda
6/12/2020 5:45:28 PM



#90
Hexachloroethane
Concen: 20.093 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016694.D
Acq: 11 Jun 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	31960		
201	91.0	43.1	129.3	





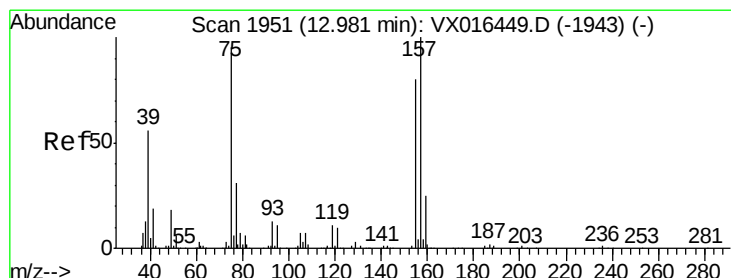
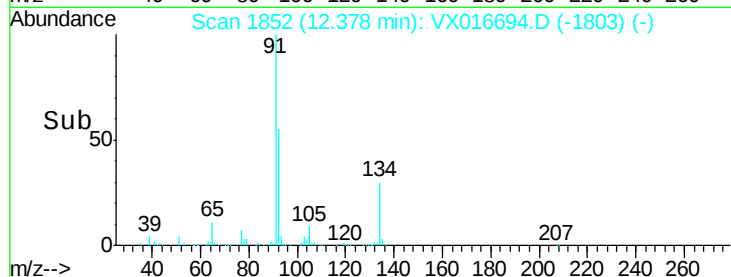
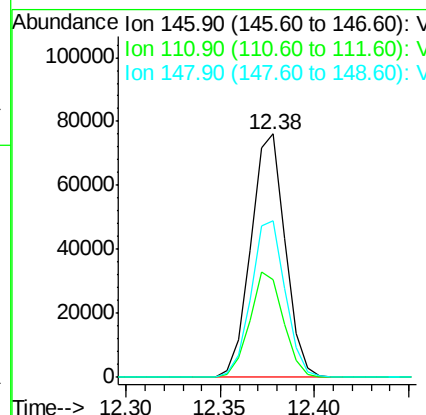
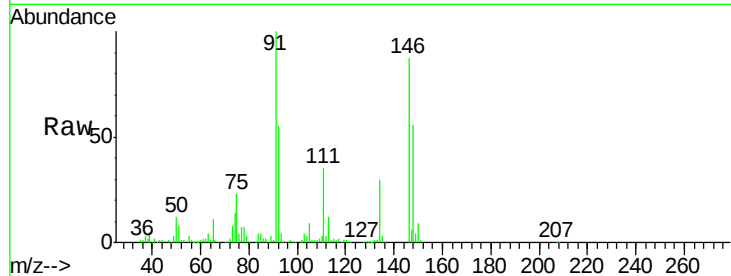
#91
 1,2-Dichlorobenzene
 Concen: 19.870 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016694.D
 Acq: 11 Jun 2020 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.4	64.3
148	64.1	31.9	95.7

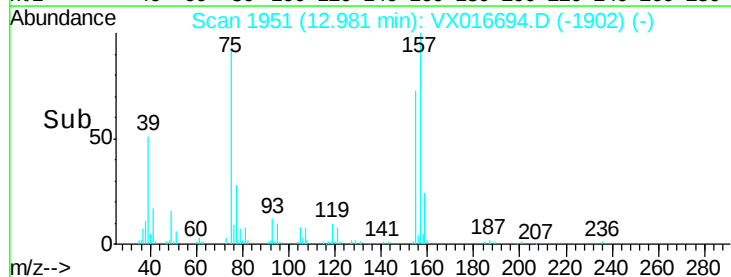
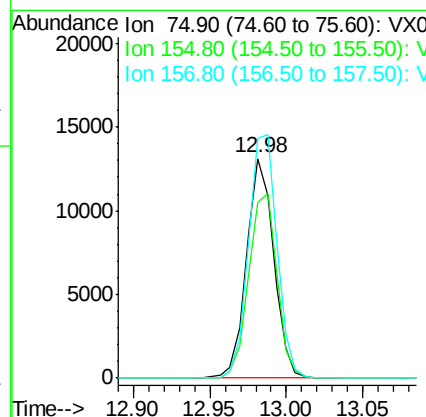
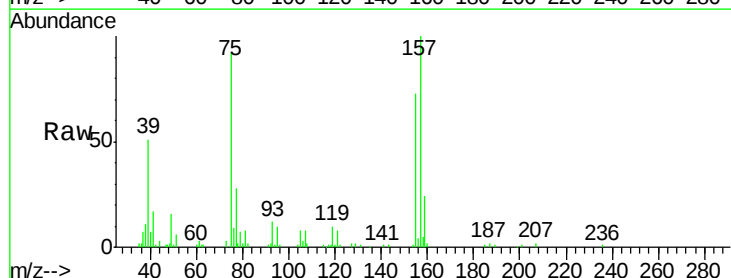
Manual Integrations
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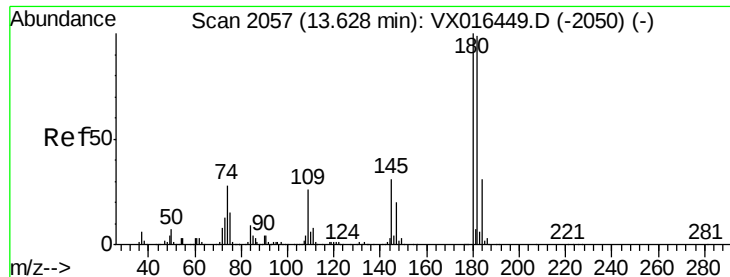
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.119 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016694.D
 Acq: 11 Jun 2020 11:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.9	44.1	132.4
157	116.0	57.8	173.3





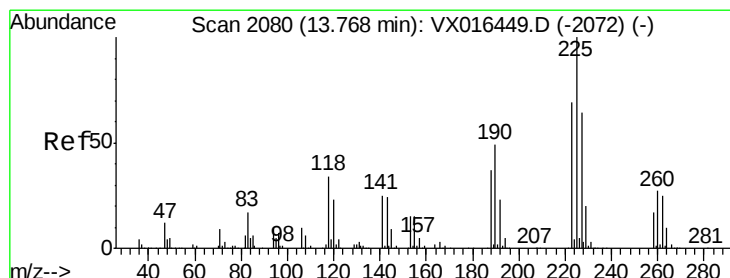
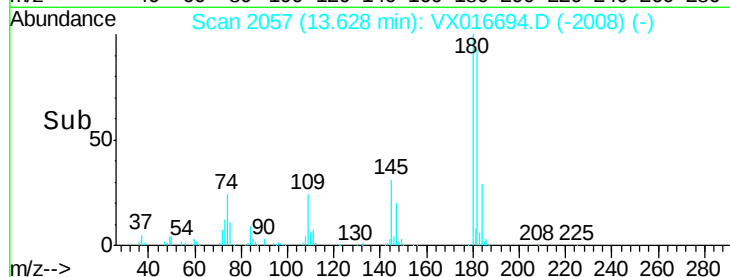
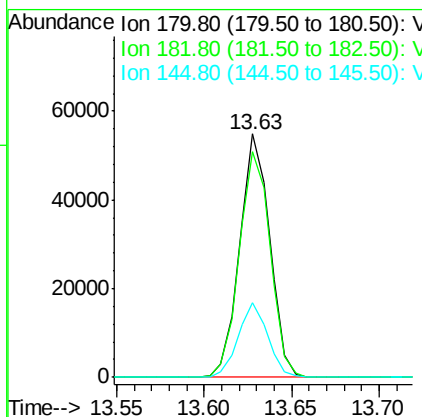
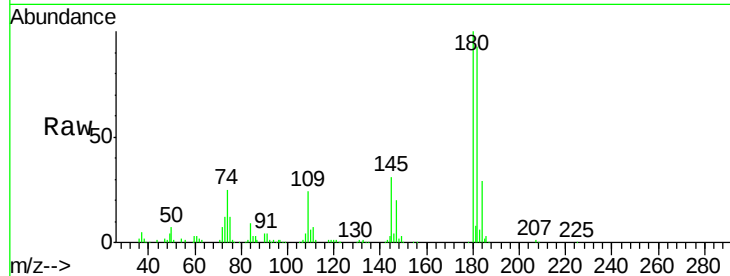
#93
 1,2,4-Trichlorobenzene
 Concen: 20.410 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016694.D
 Acq: 11 Jun 2020 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	65546		
182	95.5	48.3	144.8	
145	30.1	15.4	46.2	

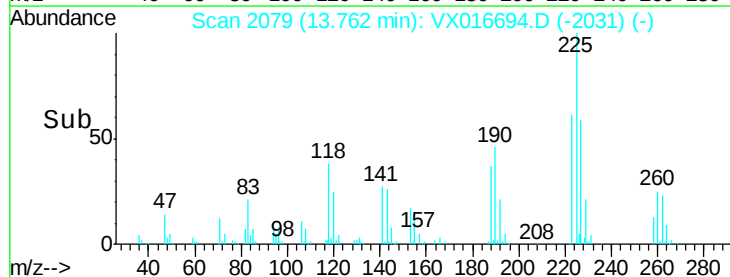
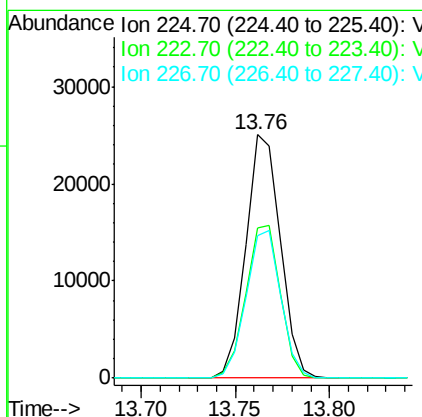
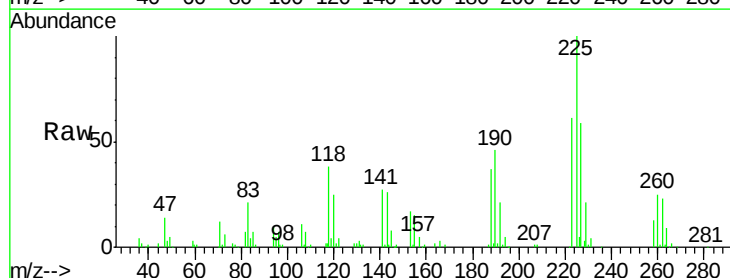
Manual Integrations
 APPROVED

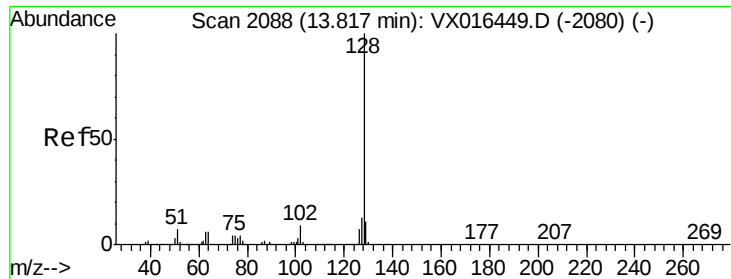
MMDadoda
 6/12/2020 5:45:28 PM



#94
 Hexachlorobutadiene
 Concen: 25.236 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016694.D
 Acq: 11 Jun 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	31820		
223	62.7	32.3	96.8	
227	61.0	31.6	94.7	





#95

Naphthalene

Concen: 18.737 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Instrument :

MSVOA_X

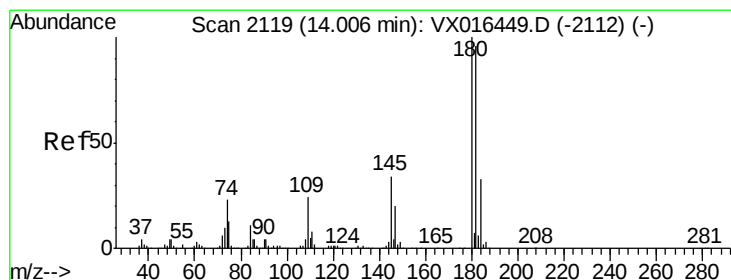
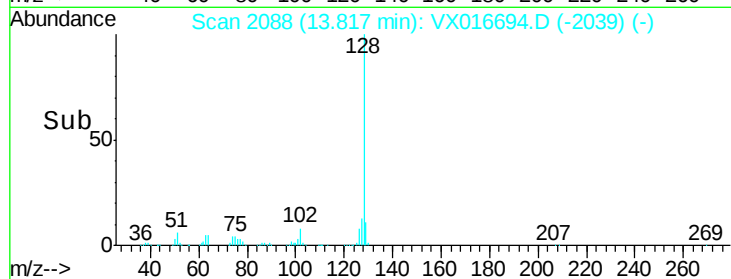
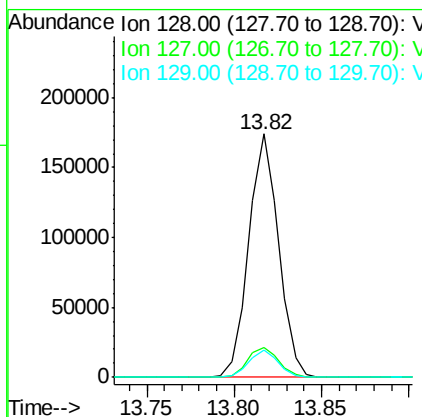
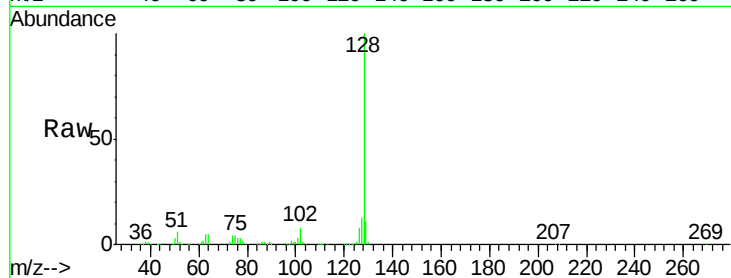
ClientSampleId :

VX0611WBS01

Tot Ion:	128	Resp:	206279
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	15.8
129	11.0	8.6	13.0

Manual Integrations
APPROVED

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6/12/2020 5:45:28 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.201 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016694.D

Acq: 11 Jun 2020 11:25

Tgt Ion:	180	Resp:	66704
Ion Ratio	Lower	Upper	
180	100		
182	95.6	48.6	145.8
145	31.7	16.6	49.8

