

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016971.D
 Acq On : 26 Jun 2020 10:28
 Operator : JC/SP
 Sample : VX0626WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:32:37 PM

Quant Time: Jun 27 03:28:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	222871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	369453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	335877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	164793	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	168114	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
35) Dibromofluoromethane	5.46	113	124223	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
50) Toluene-d8	8.70	98	462366	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.12	95	168603	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	38676	18.208	ug/l	100
3) Chloromethane	1.31	50	54727	20.043	ug/l	96
4) Vinyl Chloride	1.39	62	51538	18.429	ug/l	99
5) Bromomethane	1.63	94	36910	15.904	ug/l	97
6) Chloroethane	1.72	64	33409	17.602	ug/l	96
7) Trichlorofluoromethane	1.92	101	88242	19.343	ug/l	99
8) Diethyl Ether	2.17	74	30608	17.418	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46812	19.171	ug/l	98
10) Methyl Iodide	2.49	142	55393	19.866	ug/l	98
11) Tert butyl alcohol	3.01	59	55579	87.471	ug/l	100
12) 1,1-Dichloroethene	2.36	96	43677	17.680	ug/l	99
13) Acrolein	2.27	56	44631	94.769	ug/l	97
14) Allyl chloride	2.71	41	87873	19.104	ug/l	99
15) Acrylonitrile	3.11	53	129464	87.756	ug/l	99
16) Acetone	2.42	43	113565	86.321	ug/l	99
17) Carbon Disulfide	2.55	76	143399	18.307	ug/l	99
18) Methyl Acetate	2.75	43	54932	17.163	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	161361	18.688	ug/l	98
20) Methylene Chloride	2.83	84	53693	17.954	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	50110	17.954	ug/l	96
22) Diisopropyl ether	3.82	45	166106	18.420	ug/l	91
23) Vinyl Acetate	3.78	43	728193	92.270	ug/l	100
24) 1,1-Dichloroethane	3.67	63	92534	18.294	ug/l	99
25) 2-Butanone	4.63	43	173521	86.540	ug/l	98
26) 2,2-Dichloropropane	4.55	77	82559	20.177	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	54875	17.792	ug/l	99
28) Bromochloromethane	4.98	49	41585	17.593	ug/l	99
29) Tetrahydrofuran	5.09	42	114607	86.947	ug/l	99
30) Chloroform	5.17	83	92573	18.222	ug/l	100
31) Cyclohexane	5.54	56	79745	18.872	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	84729	18.616	ug/l	98
36) 1,1-Dichloropropene	5.77	75	69339	18.954	ug/l	100
37) Ethyl Acetate	4.79	43	70941	18.044	ug/l	99
38) Carbon Tetrachloride	5.75	117	75323	19.455	ug/l	98

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	77276	19.521	ug/l	99
40) Benzene	6.11	78	198660	18.857	ug/l	99
41) Methacrylonitrile	5.00	41	39448	18.006	ug/l	96
42) 1,2-Dichloroethane	6.16	62	79654	19.244	ug/l	98
43) Isopropyl Acetate	6.41	43	117798	17.811	ug/l	99
44) Trichloroethene	7.18	130	51995	18.540	ug/l	99
45) 1,2-Dichloropropane	7.49	63	52454	18.624	ug/l	98
46) Dibromomethane	7.63	93	35139	18.366	ug/l	99
47) Bromodichloromethane	7.87	83	74169	18.534	ug/l	98
48) Methyl methacrylate	7.74	41	54944	17.790	ug/l	98
49) 1,4-Dioxane	7.71	88	23422	364.588	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	349738	92.395	ug/l	100
52) Toluene	8.76	92	122546	18.873	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	79798	18.621	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	84496	18.756	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	50008	18.743	ug/l	96
56) Ethyl methacrylate	9.16	69	73216	18.310	ug/l	99
57) 1,3-Dichloropropane	9.35	76	85621	18.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	199020	96.335	ug/l	100
59) 2-Hexanone	9.47	43	257889	90.565	ug/l	100
60) Dibromochloromethane	9.56	129	54374	17.878	ug/l	98
61) 1,2-Dibromoethane	9.65	107	50999	17.902	ug/l	99
64) Tetrachloroethene	9.32	164	47000	20.672	ug/l	98
65) Chlorobenzene	10.12	112	127727	18.596	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	49220	19.282	ug/l	99
67) Ethyl Benzene	10.23	91	230963	19.155	ug/l	98
68) m/p-Xylenes	10.34	106	171633	38.316	ug/l	98
69) o-Xylene	10.68	106	82329	19.265	ug/l	99
70) Styrene	10.70	104	137808	18.930	ug/l	99
71) Bromoform	10.84	173	37134	18.296	ug/l #	100
73) Isopropylbenzene	11.00	105	222165	19.580	ug/l	98
74) N-amyl acetate	10.88	43	99795	18.651	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	69277	18.143	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	68844m	19.907	ug/l	
77) Bromobenzene	11.24	156	54409	18.495	ug/l	100
78) n-propylbenzene	11.34	91	259877	19.405	ug/l	100
79) 2-Chlorotoluene	11.40	91	152771	18.970	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	186967	19.825	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	24002	17.620	ug/l	95
82) 4-Chlorotoluene	11.49	91	182593	19.265	ug/l	100
83) tert-Butylbenzene	11.76	119	177634	19.339	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	187810	19.688	ug/l	100
85) sec-Butylbenzene	11.93	105	212263	19.821	ug/l	100
86) p-Isopropyltoluene	12.05	119	196643	20.097	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	100214	18.980	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	103315	19.167	ug/l	99
89) n-Butylbenzene	12.37	91	177348	19.256	ug/l	100
90) Hexachloroethane	12.58	117	37579	18.526	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	95750	19.128	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15933	18.236	ug/l	99

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ClientSampleId :
VX0626WBS01

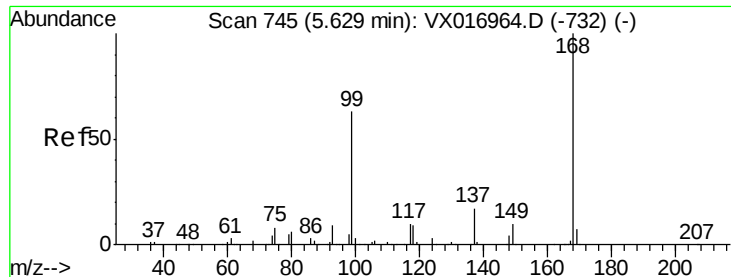
Manual Integrations
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MMDadoda
6/29/2020 12:32:37 PM

Quant Time: Jun 27 03:28:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:34:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	60759	18.627	ug/l	99
94) Hexachlorobutadiene	13.77	225	23019	19.643	ug/l	95
95) Naphthalene	13.82	128	194777	18.171	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	60329	19.285	ug/l	96

(#) = 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: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion:168 Resp: 222871

Ion Ratio Lower Upper

168 100

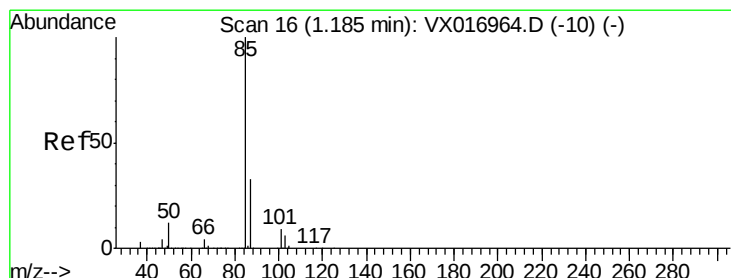
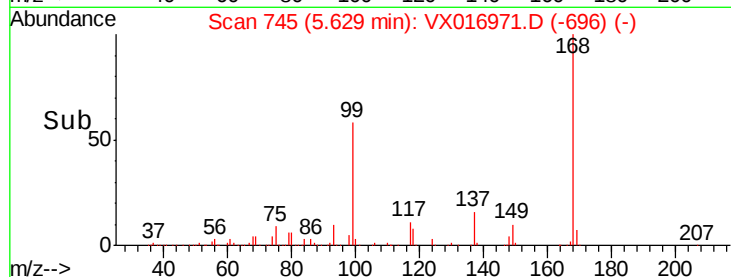
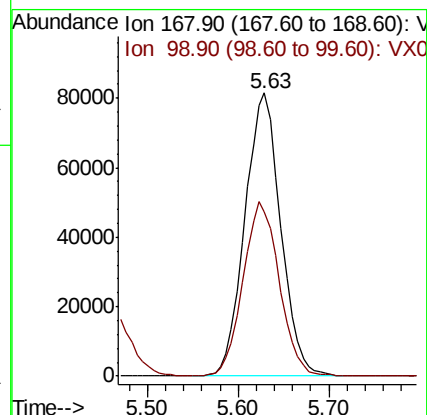
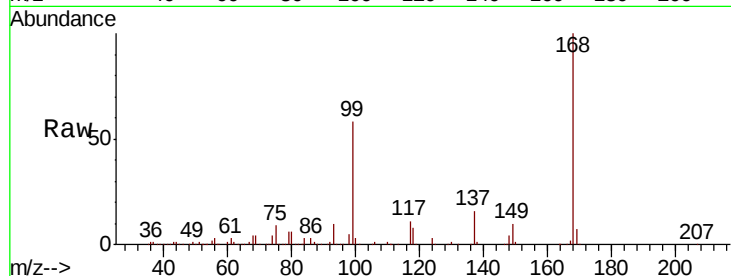
99 58.3 50.2 75.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 18.208 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016971.D

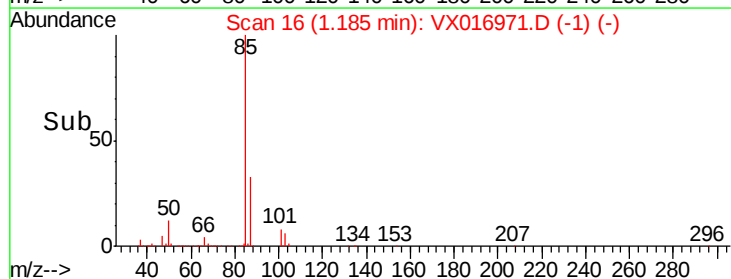
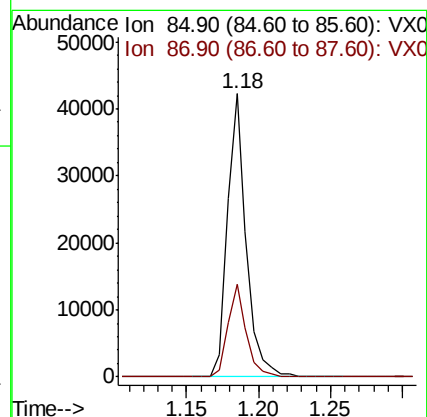
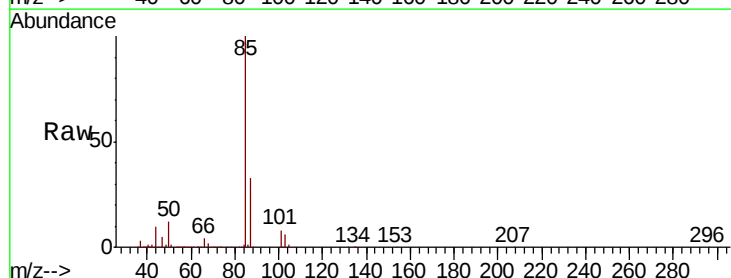
Acq: 26 Jun 2020 10:28

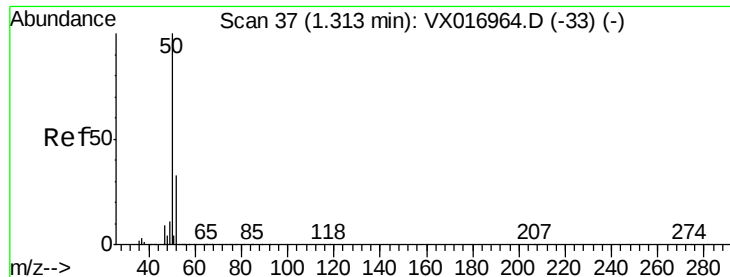
Tgt Ion: 85 Resp: 38676

Ion Ratio Lower Upper

85 100

87 32.5 16.3 48.9





#3

Chloromethane

Concen: 20.043 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 50 Resp: 54727

Ion Ratio Lower Upper

50 100

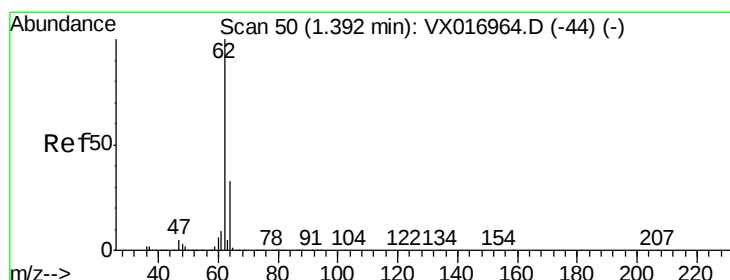
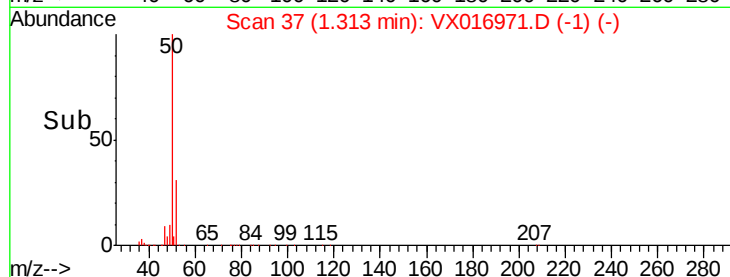
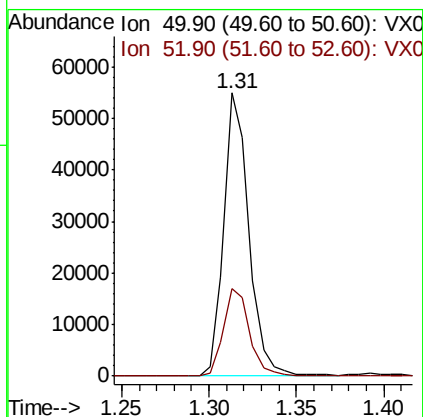
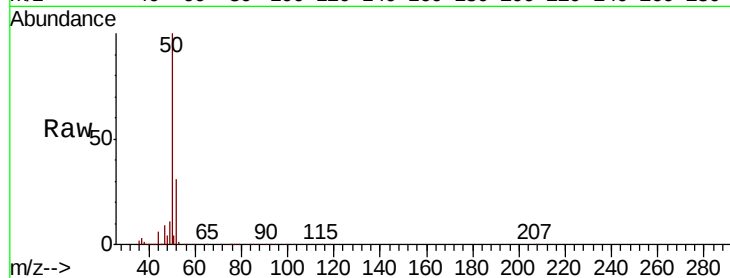
52 31.0 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.429 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016971.D

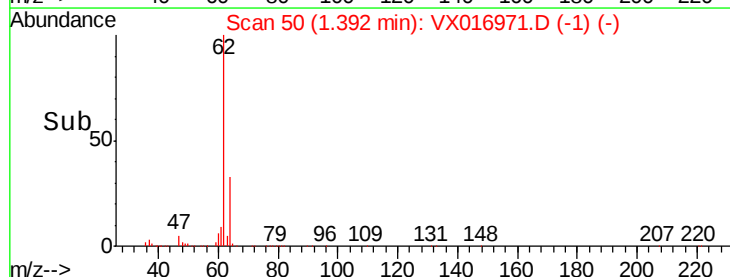
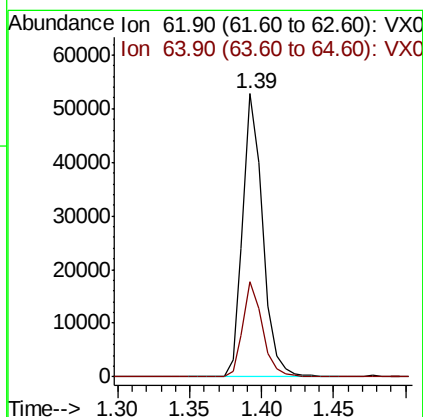
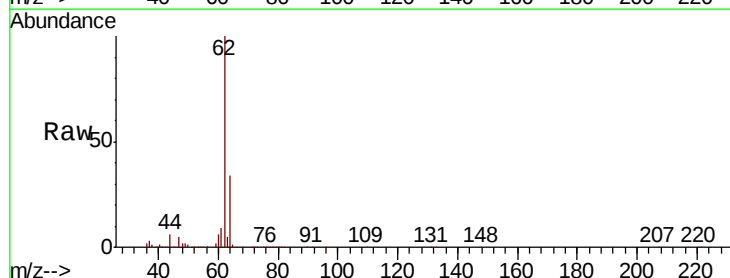
Acq: 26 Jun 2020 10:28

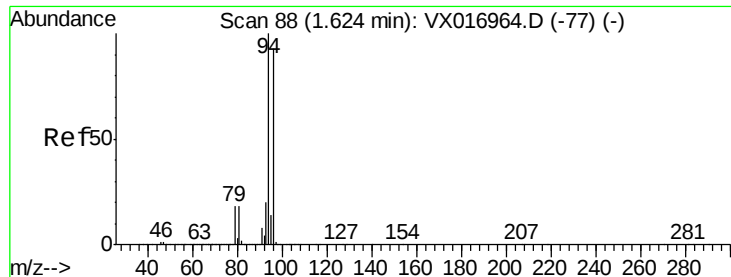
Tgt Ion: 62 Resp: 51538

Ion Ratio Lower Upper

62 100

64 33.5 26.3 39.5





#5

Bromomethane

Concen: 15.904 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 94 Resp: 36910

Ion Ratio Lower Upper

94 100

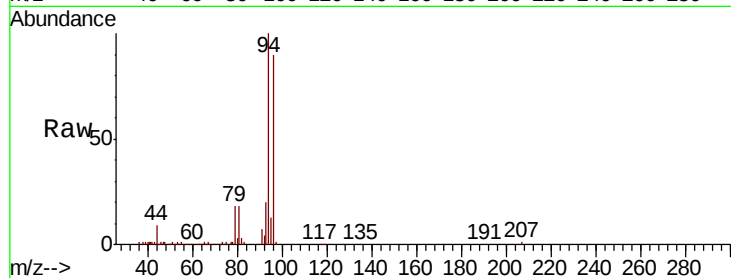
96 89.7 74.2 111.2

Manual Integrations

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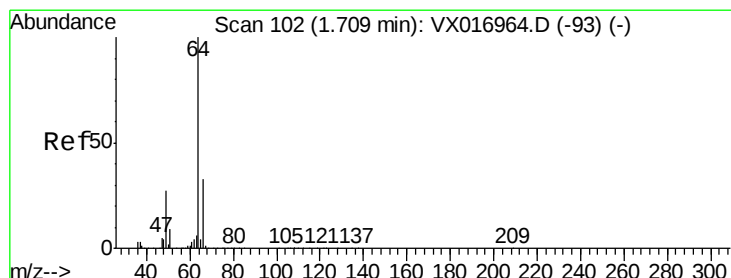
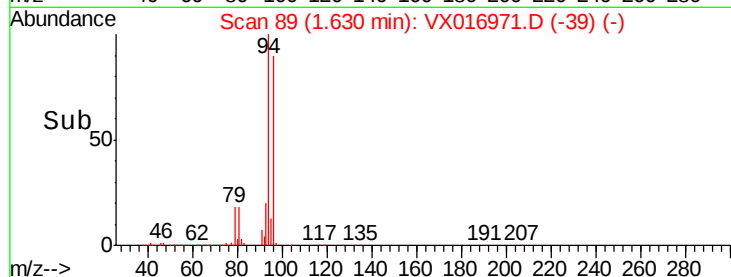
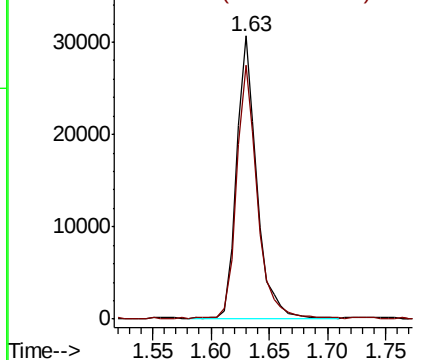
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.602 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016971.D

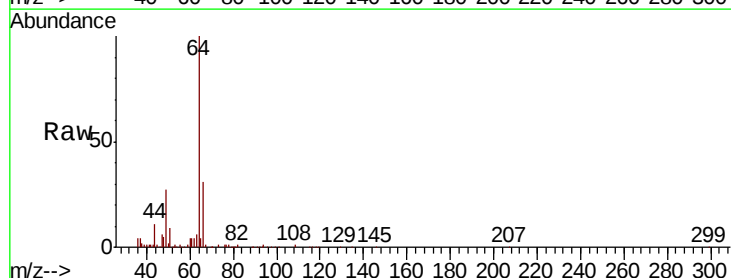
Acq: 26 Jun 2020 10:28

Tgt Ion: 64 Resp: 33409

Ion Ratio Lower Upper

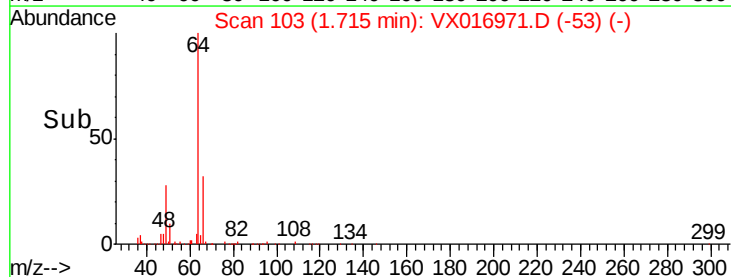
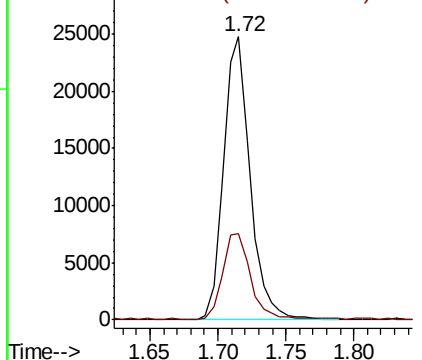
64 100

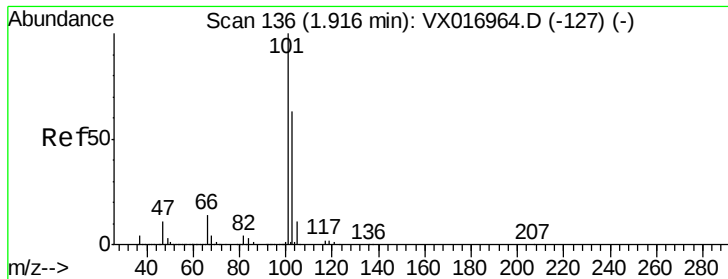
66 30.4 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

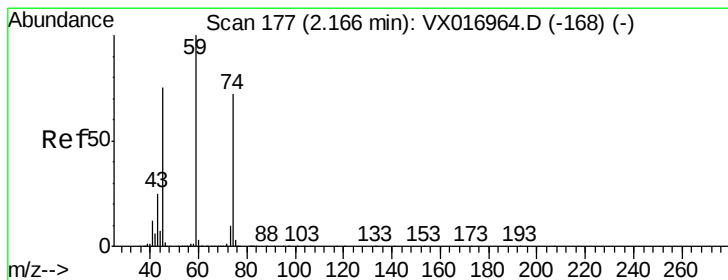
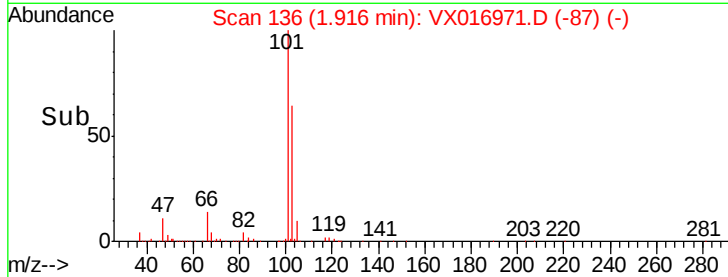
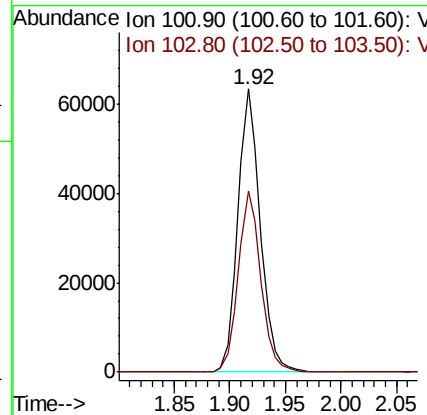
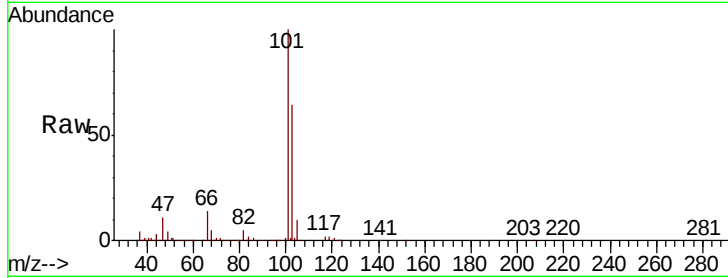
Trichlorofluoromethane
 Concen: 19.343 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

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 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	50.2	75.4

Manual Integrations
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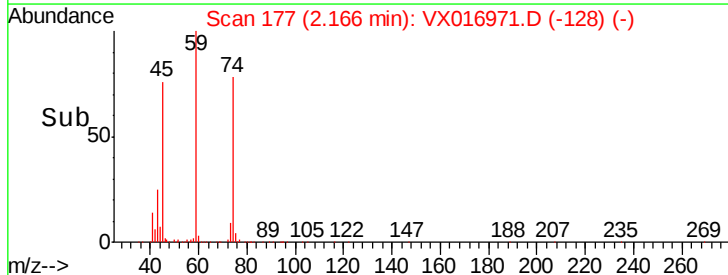
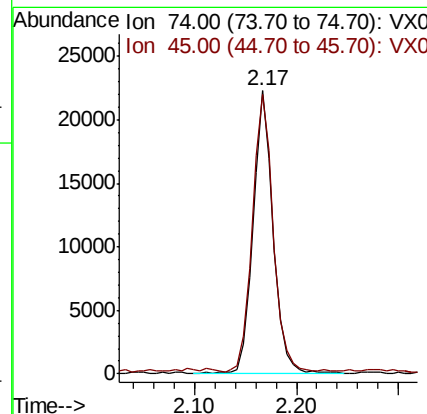
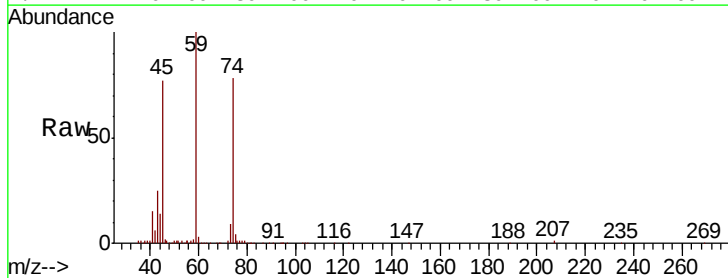
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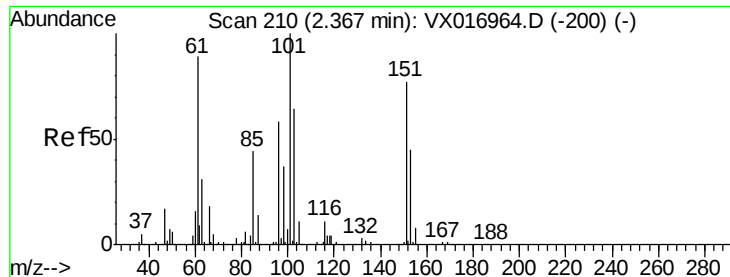


#8

Diethyl Ether
 Concen: 17.418 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.5	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.171 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

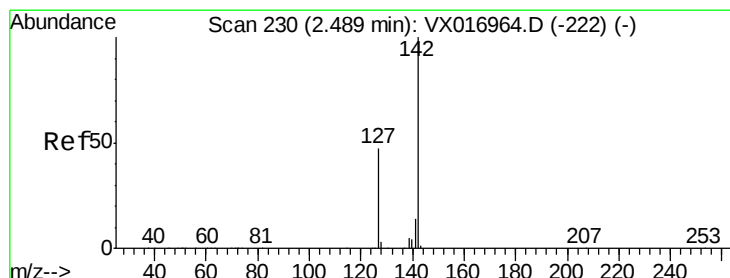
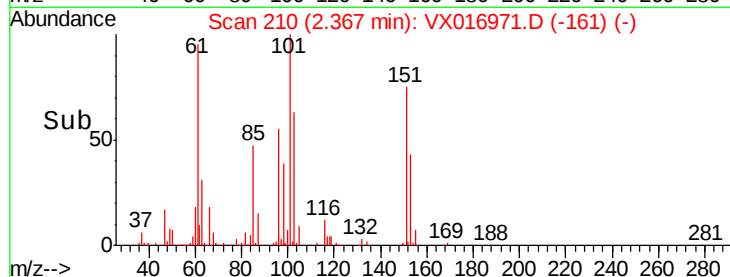
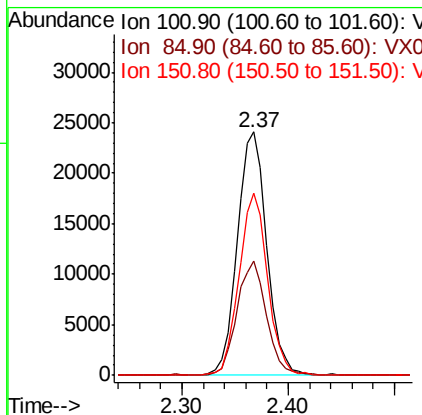
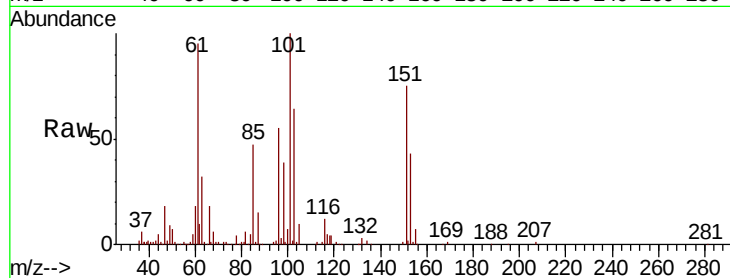
ClientSampleId :

VX0626WBS01

Tot Ion:	101	Resp:	46812
Ion Ratio	Lower	Upper	
101	100		
85	47.1	36.8	55.2
151	72.9	59.8	89.6

Manual Integrations
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#10

Methyl Iodide

Concen: 19.866 ug/l

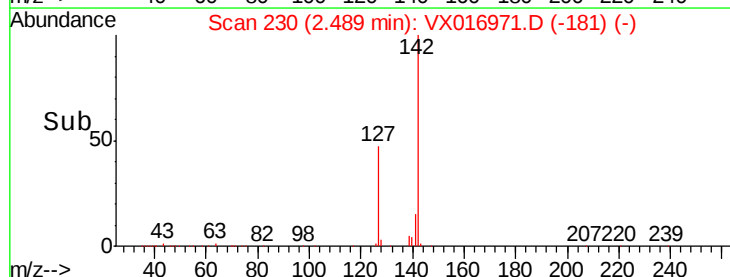
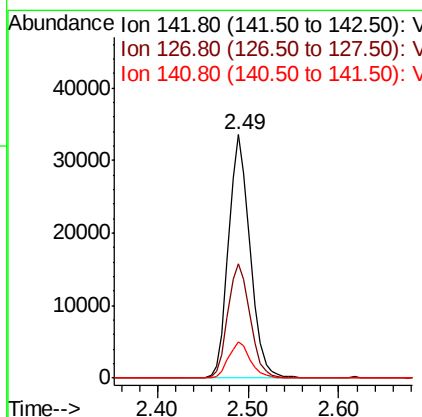
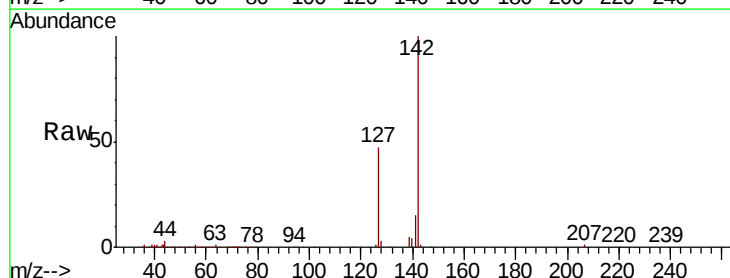
RT: 2.49 min Scan# 230

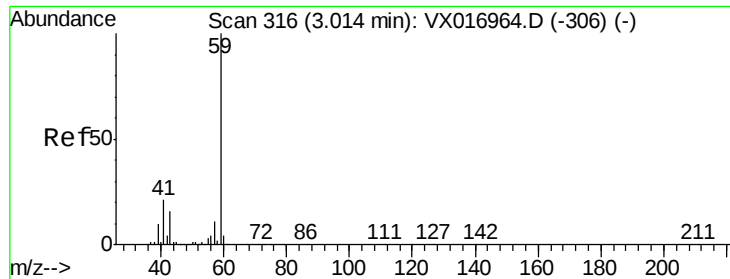
Delta R.T. 0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Tgt Ion:	142	Resp:	55393
Ion Ratio	Lower	Upper	
142	100		
127	48.4	37.4	56.0
141	15.0	11.7	17.5





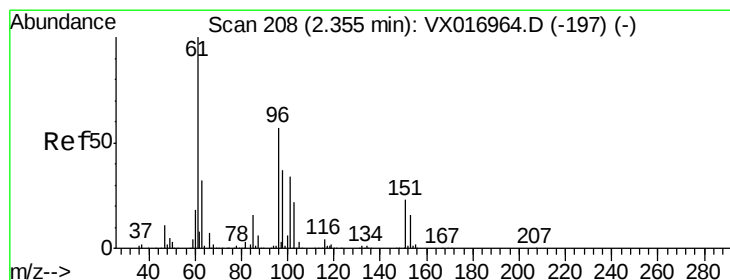
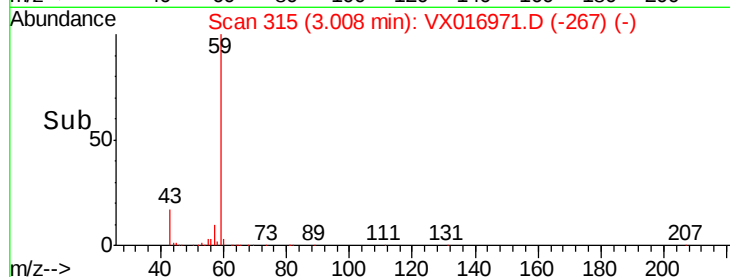
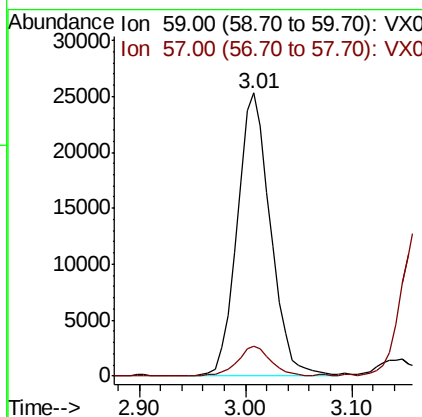
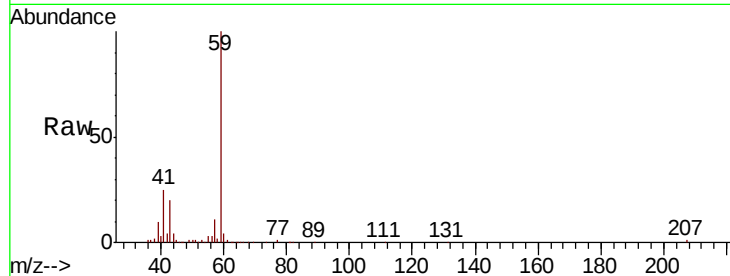
#11
Tert butyl alcohol
Concen: 87.471 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.5	12.7

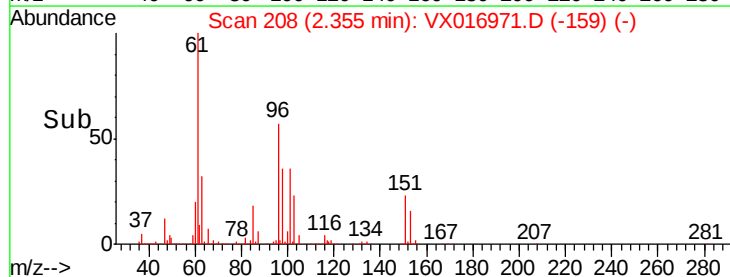
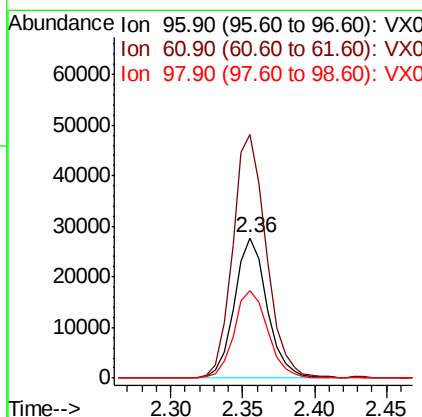
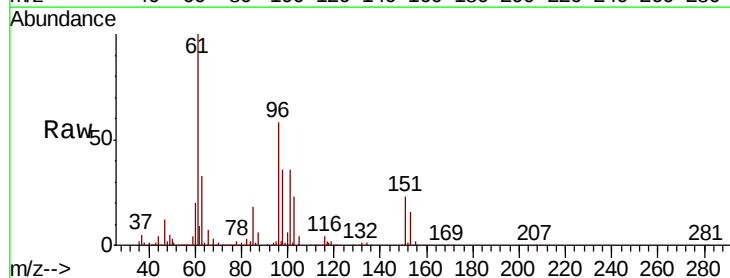
Manual Integrations
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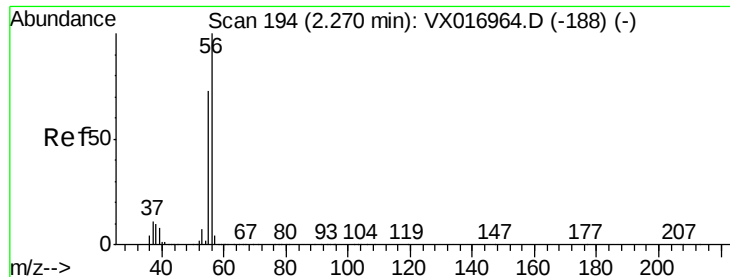
MMDadoda
6/29/2020 12:32:37 PM



#12
1,1-Dichloroethene
Concen: 17.680 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.5	139.7	209.5
98	62.5	51.0	76.6





#13

Acrolein

Concen: 94.769 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 56 Resp: 44631

Ion Ratio Lower Upper

56 100

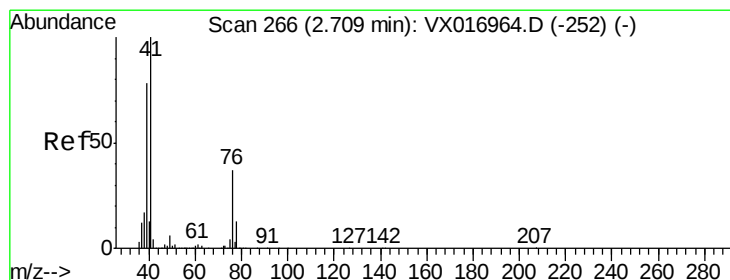
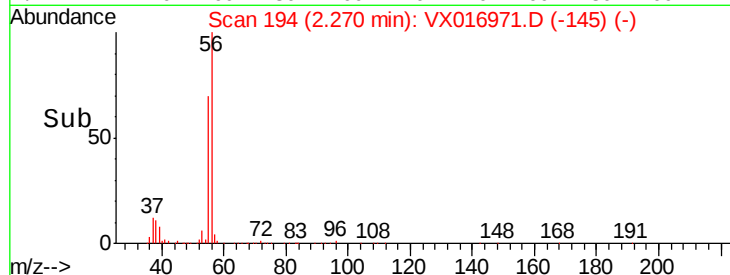
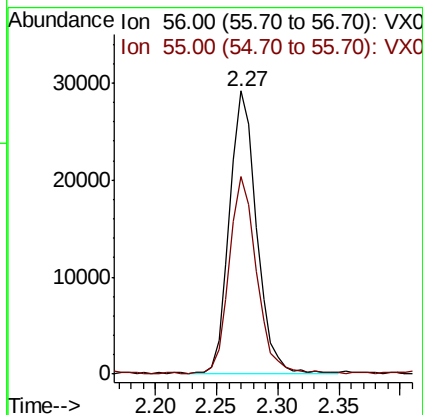
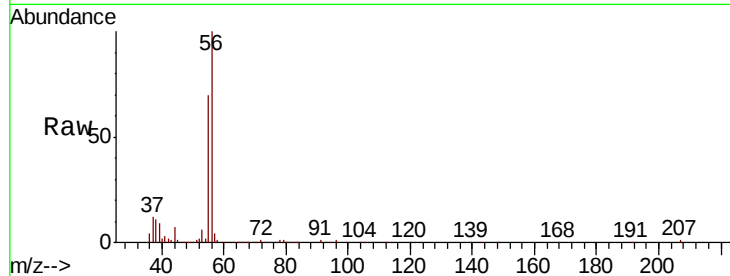
55 69.5 57.5 86.3

Manual Integrations

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#14

Allyl chloride

Concen: 19.104 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

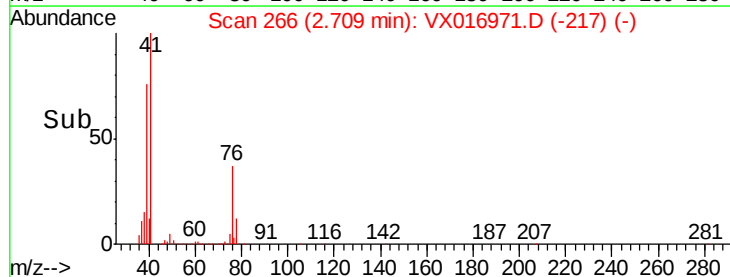
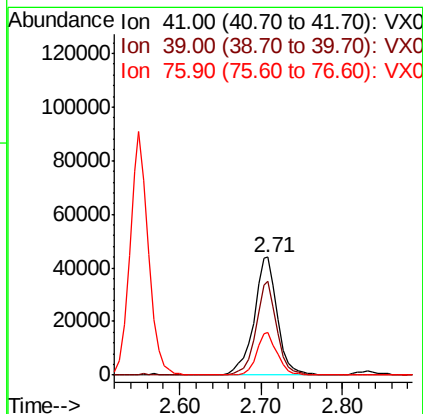
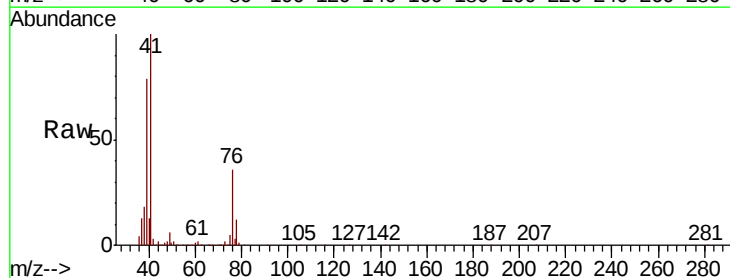
Tgt Ion: 41 Resp: 87873

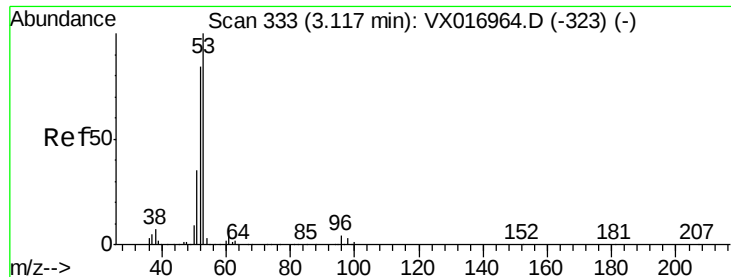
Ion Ratio Lower Upper

41 100

39 70.6 56.4 84.6

76 31.7 26.5 39.7





#15

Acrylonitrile

Concen: 87.756 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

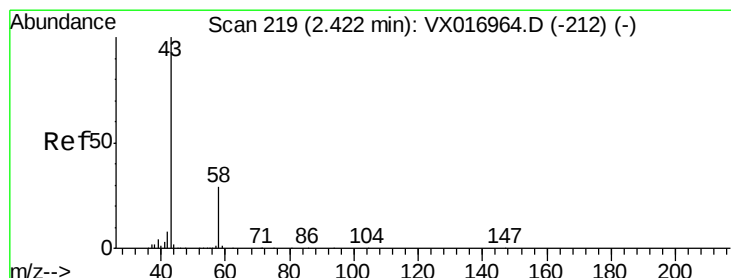
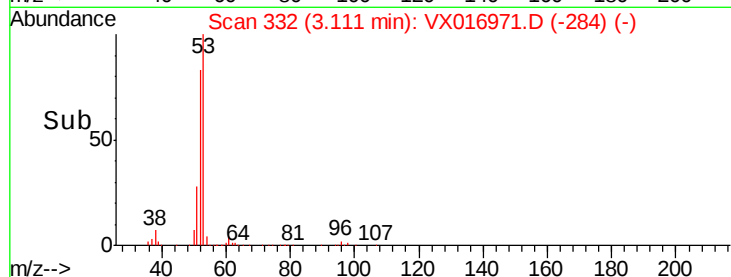
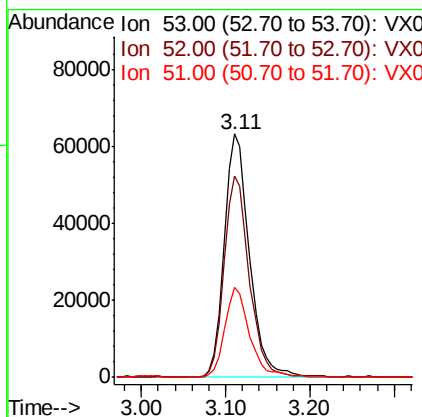
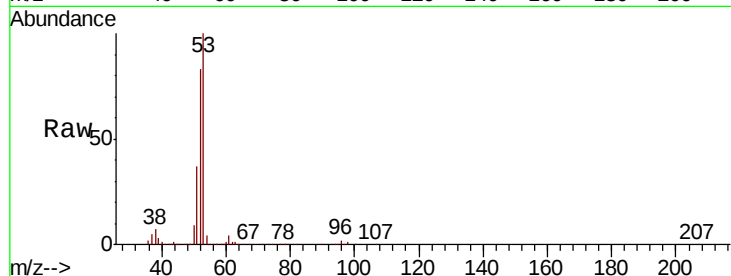
ClientSampleId :

VX0626WBS01

Tot Ion:	53	Resp:	129464
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.3	99.5
51	36.4	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 86.321 ug/l

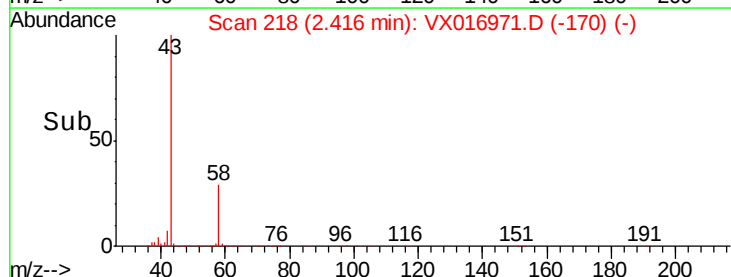
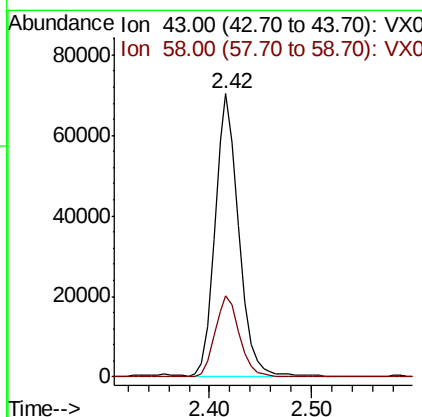
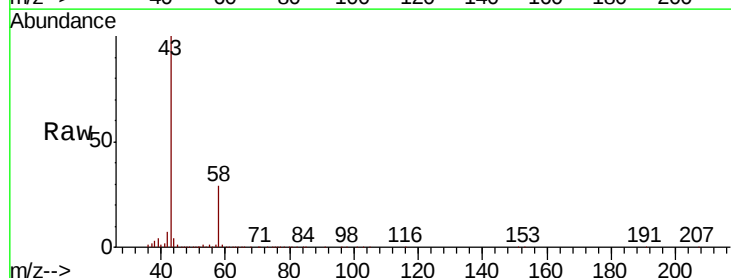
RT: 2.42 min Scan# 218

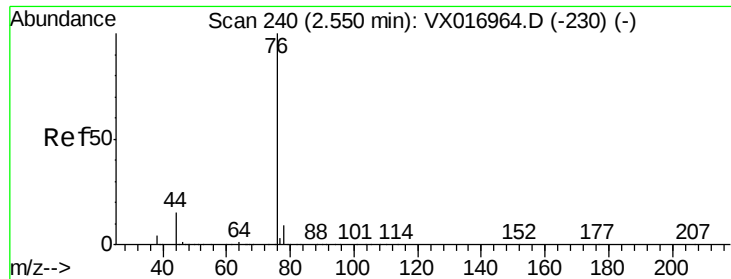
Delta R.T. -0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Tgt Ion:	43	Resp:	113565
Ion	Ratio	Lower	Upper
43	100		
58	28.7	23.5	35.3





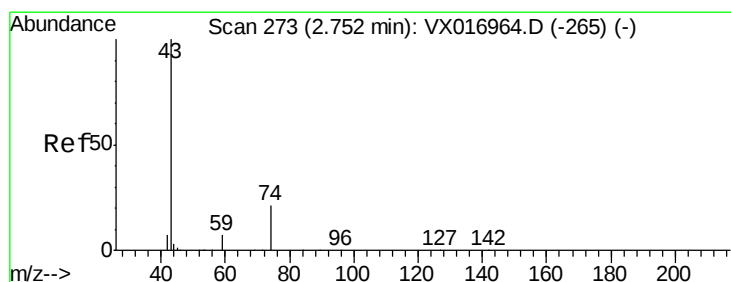
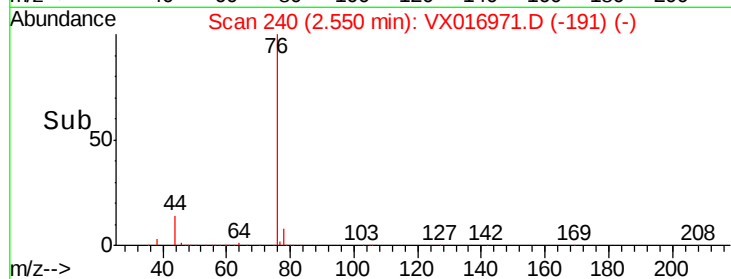
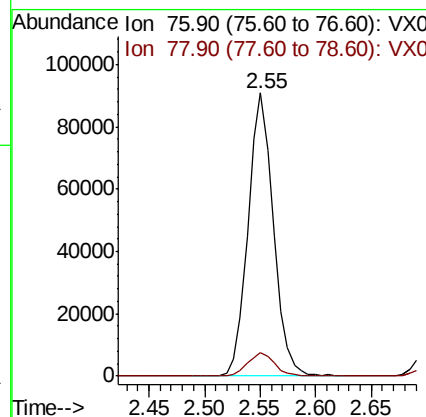
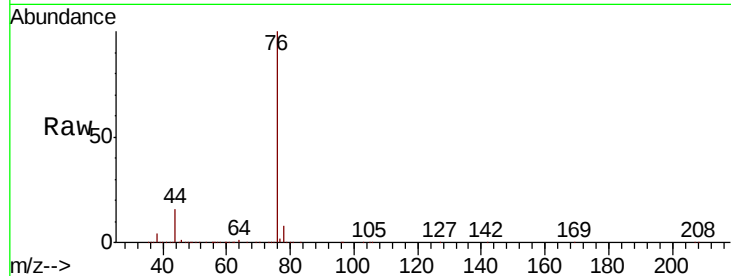
#17
Carbon Disulfide
Concen: 18.307 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.0	10.4

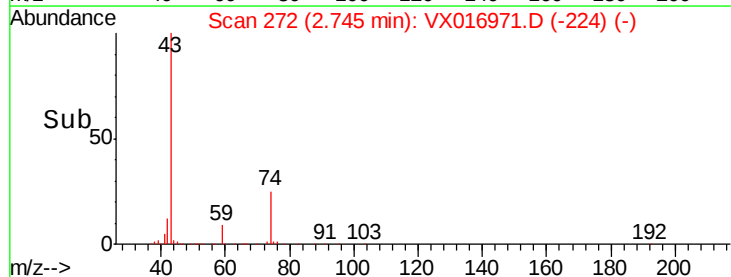
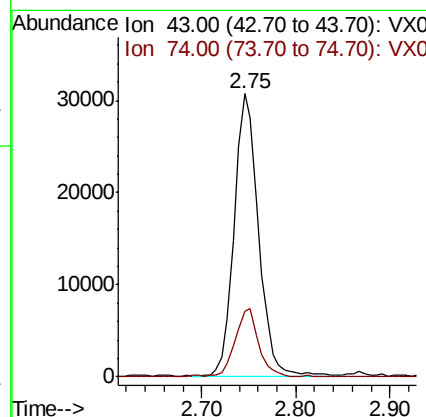
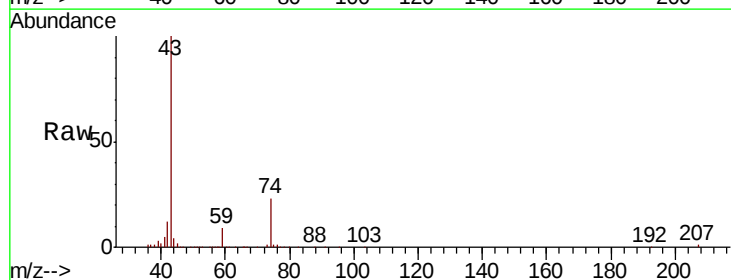
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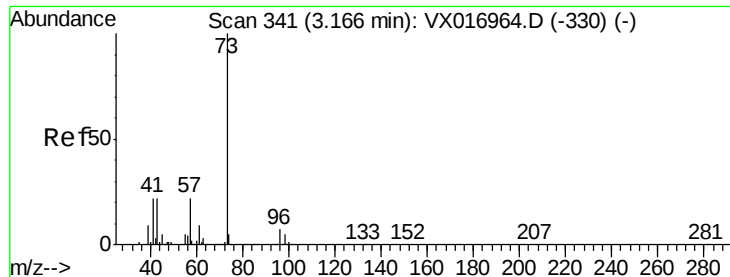
MMDadoda
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#18
Methyl Acetate
Concen: 17.163 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.3	27.5





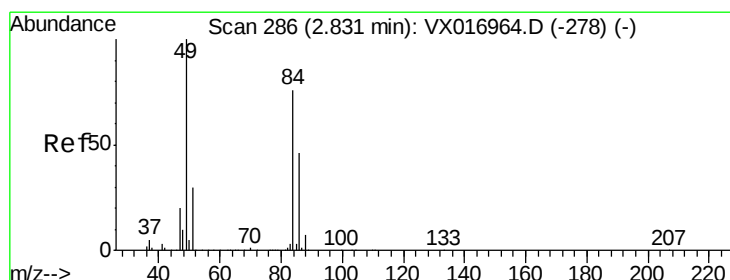
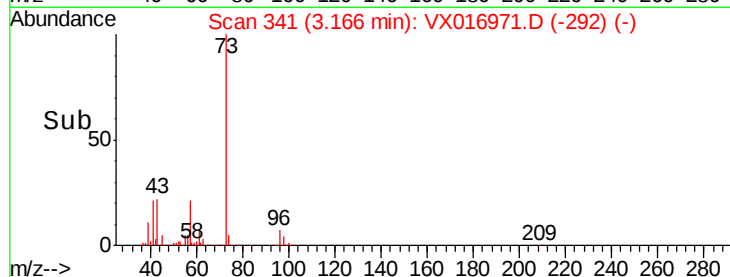
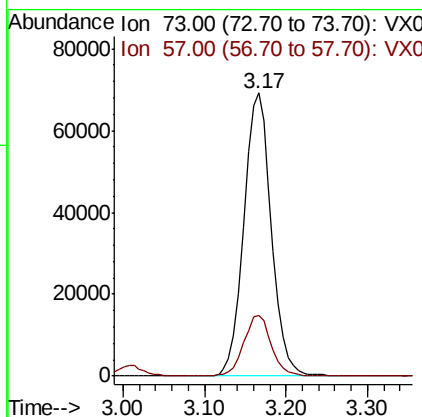
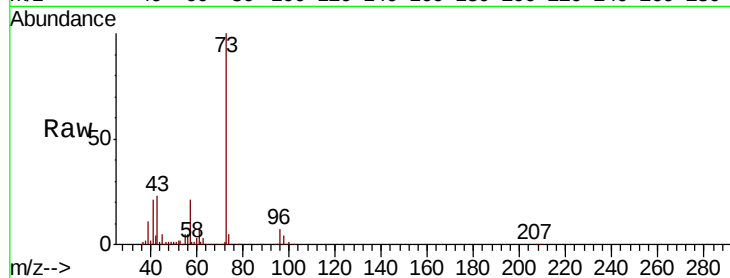
#19
Methvl tert-butvl Ether
Concen: 18.688 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion: 73 Resp: 161361
Ion Ratio Lower Upper
73 100
57 21.3 17.8 26.8

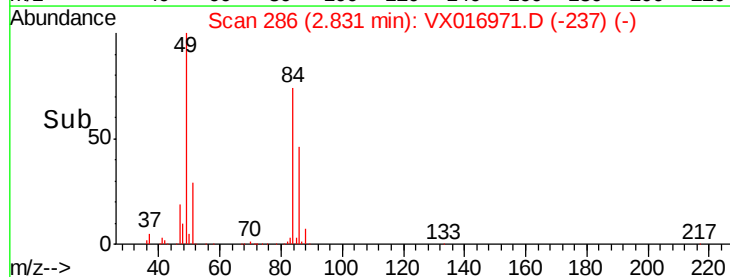
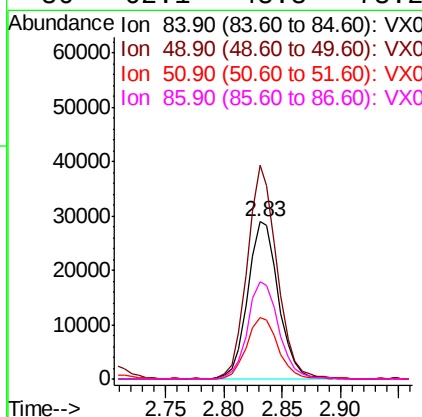
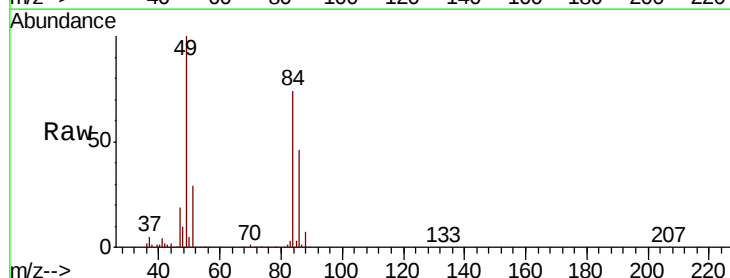
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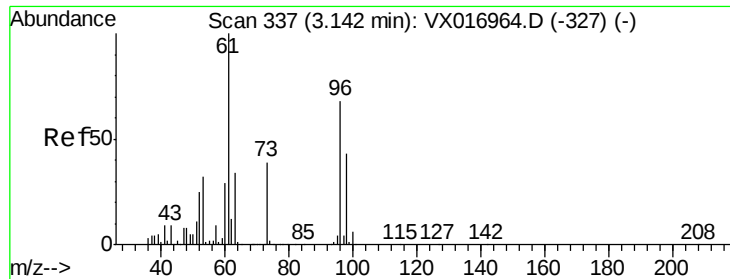
MMDadoda
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#20
Methylene Chloride
Concen: 17.954 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion: 84 Resp: 53693
Ion Ratio Lower Upper
84 100
49 135.6 105.6 158.4
51 39.3 31.2 46.8
86 62.1 48.8 73.2





#21

trans-1,2-Dichloroethene

Concen: 17.954 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

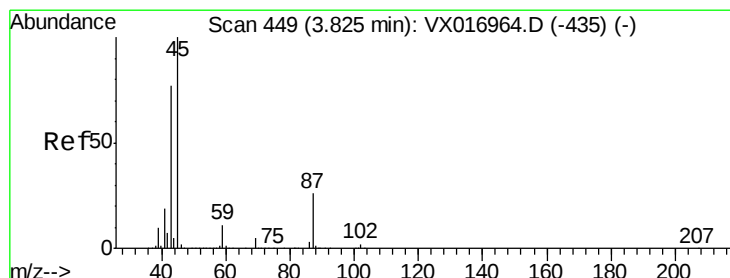
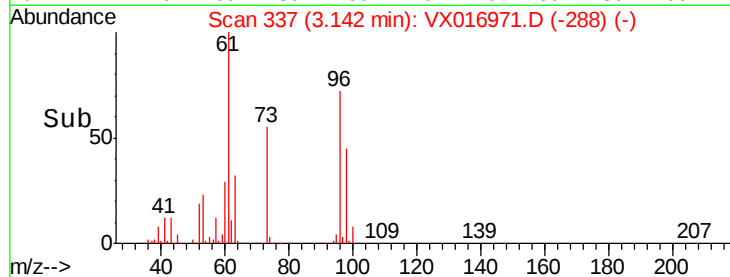
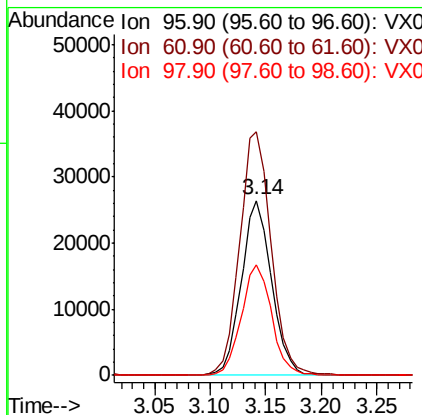
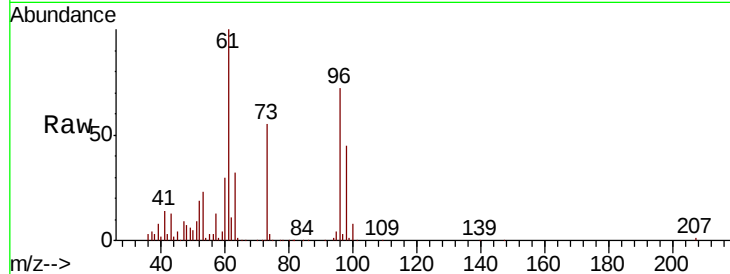
ClientSampleId :

VX0626WBS01

Tot Ion:	96	Resp:	50110
Ion	Ratio	Lower	Upper
96	100		
61	139.1	116.7	175.1
98	63.1	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.420 ug/l

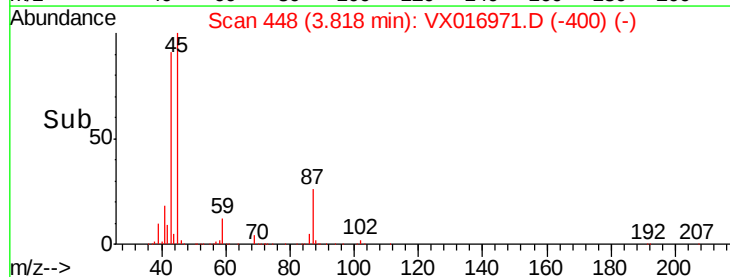
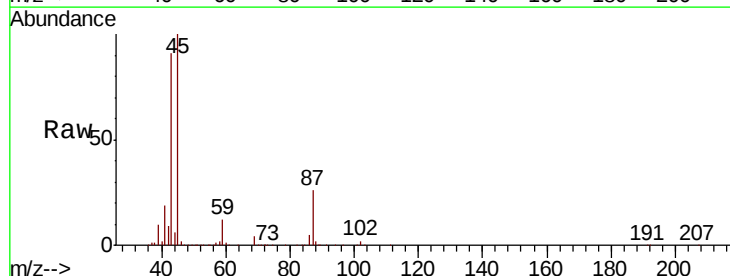
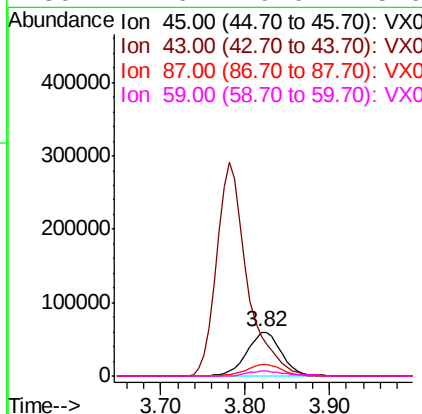
RT: 3.82 min Scan# 448

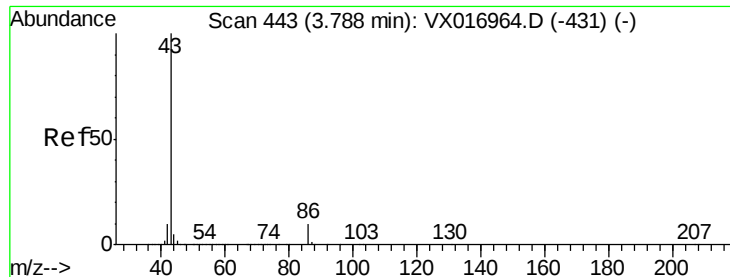
Delta R.T. -0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Tgt Ion:	45	Resp:	166106
Ion	Ratio	Lower	Upper
45	100		
43	90.0	62.7	94.1
87	25.6	21.0	31.4
59	11.6	9.0	13.6





#23

Vinyl Acetate

Concen: 92.270 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 43 Resp: 728193

Ion Ratio Lower Upper

43 100

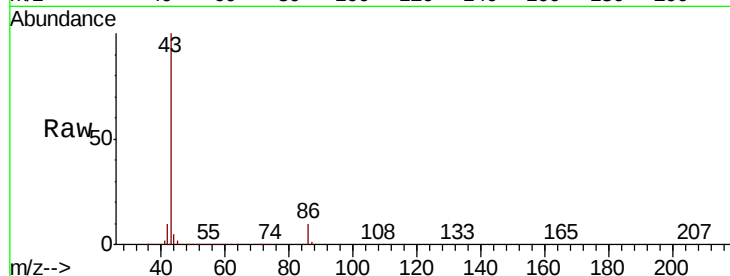
86 10.2 8.2 12.2

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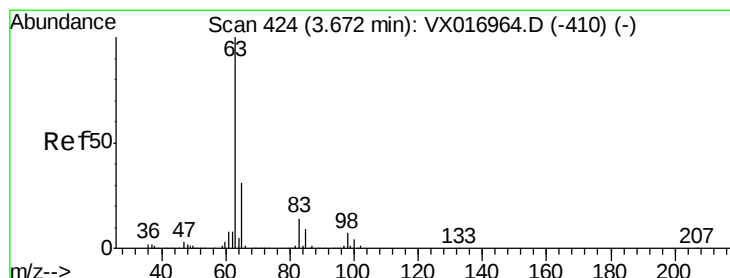
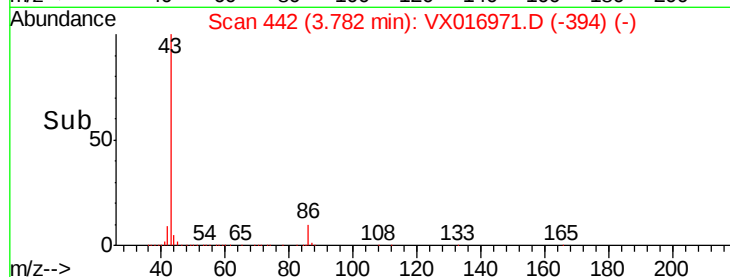
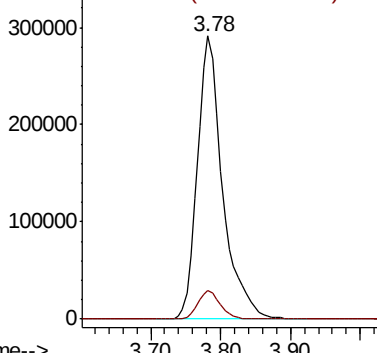
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.294 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

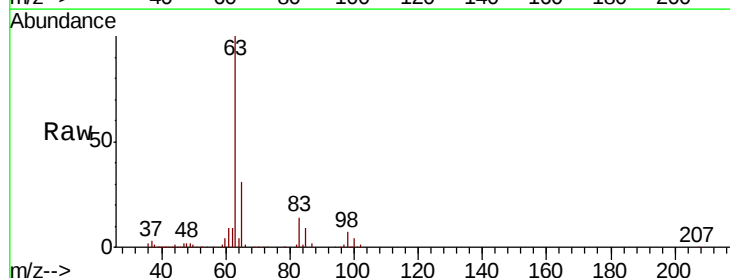
Tgt Ion: 63 Resp: 92534

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

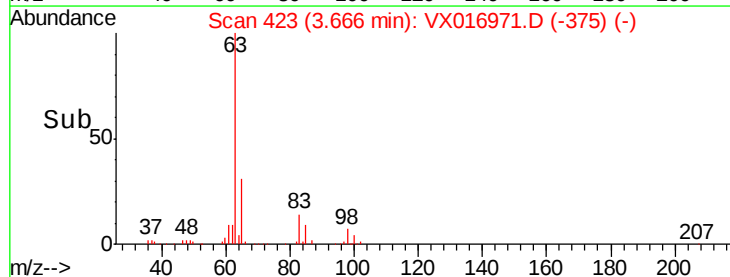
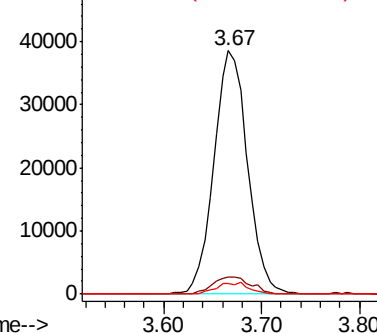
100 4.2 2.1 6.3

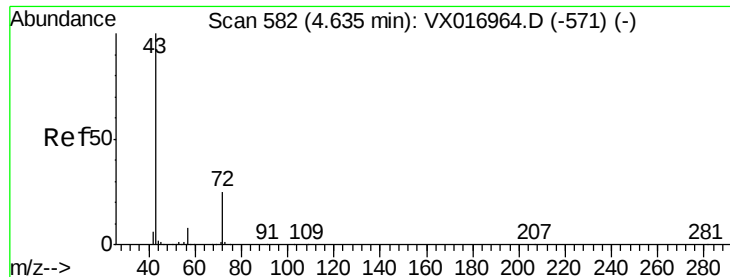


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 86.540 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 43 Resp: 173521

Ion Ratio Lower Upper

43 100

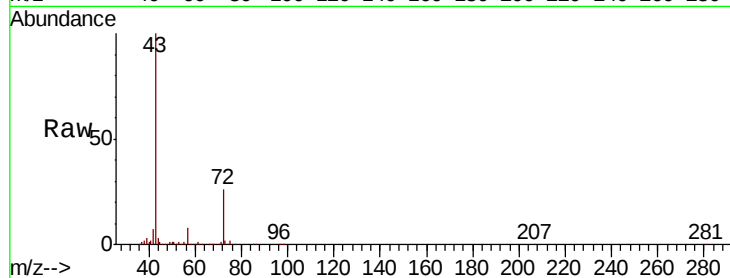
72 26.1 20.0 30.0

Manual Integrations

APPROVED

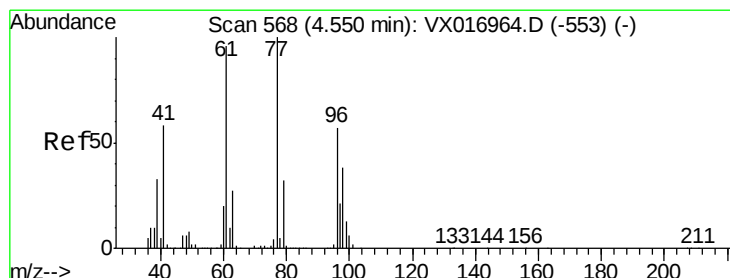
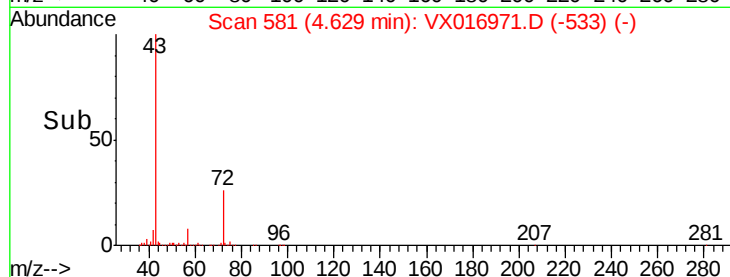
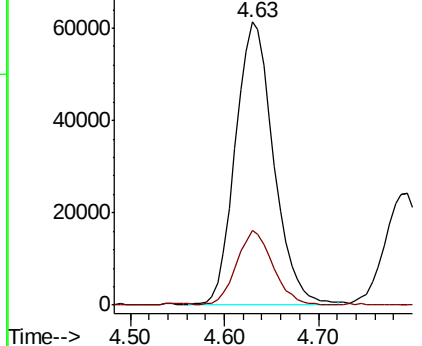
MMDadoda

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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: 20.177 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016971.D

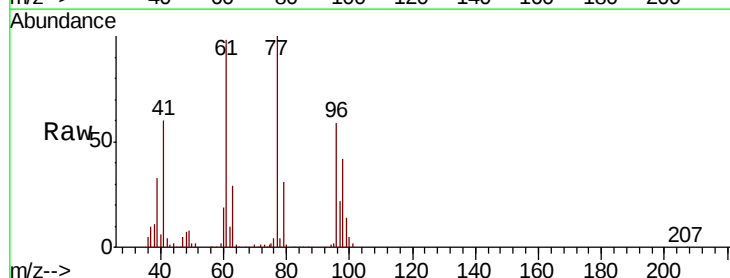
Acq: 26 Jun 2020 10:28

Tgt Ion: 77 Resp: 82559

Ion Ratio Lower Upper

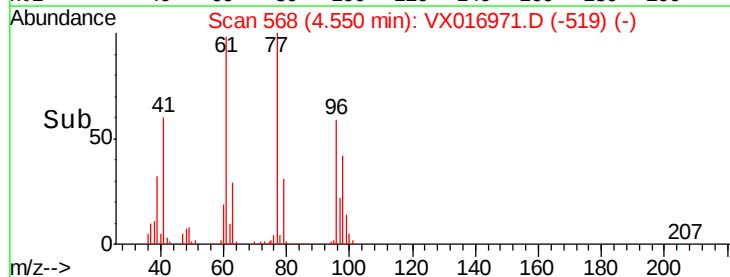
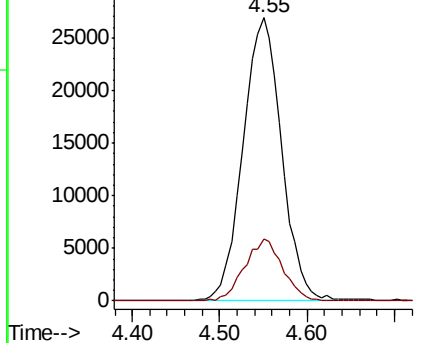
77 100

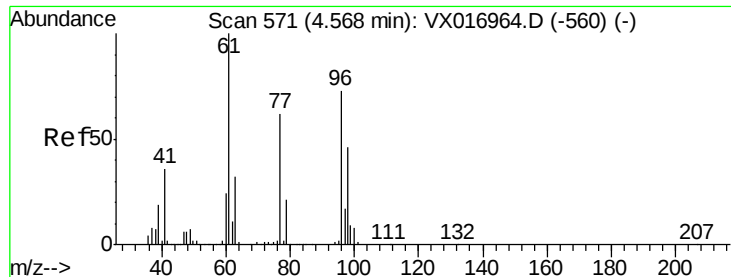
97 21.6 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

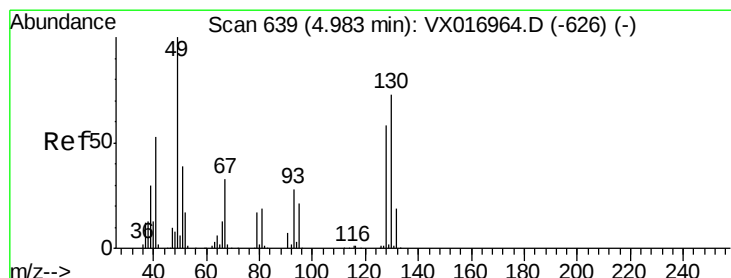
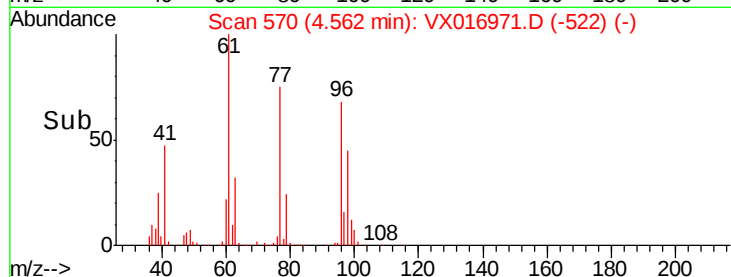
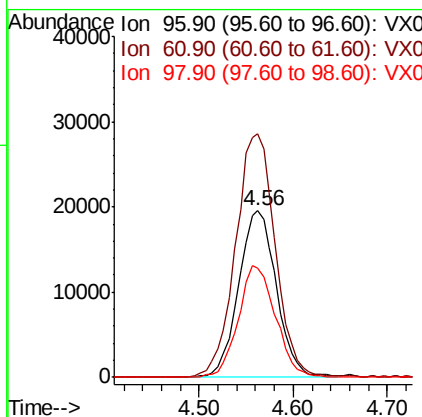
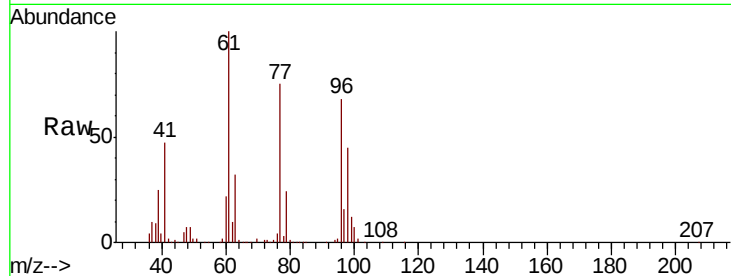
cis-1,2-Dichloroethene
Concen: 17.792 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	153.8	0.0	307.2	
98	66.2	0.0	128.4	

Manual Integrations
APPROVED

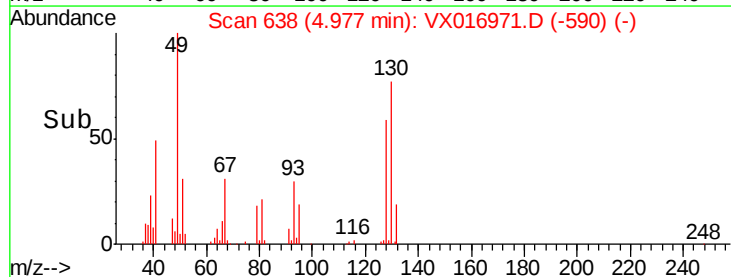
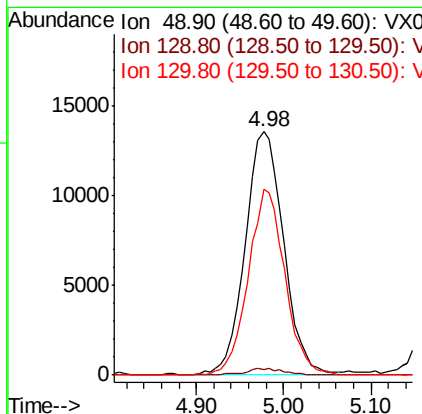
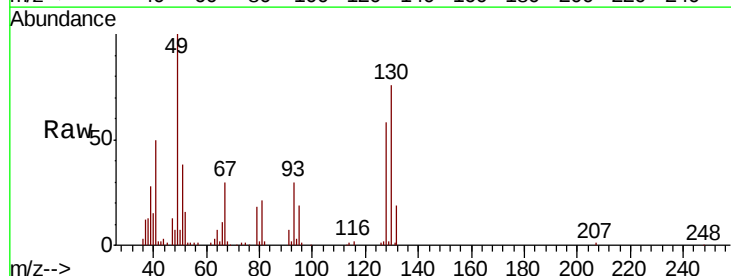
MMDadoda
6/29/2020 12:32:37 PM

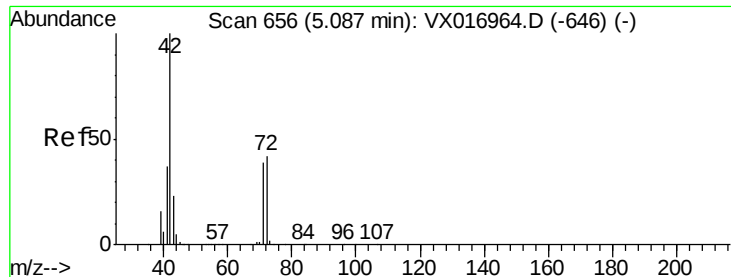


#28

Bromochloromethane
Concen: 17.593 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.6	0.0	4.4	
130	72.7	58.7	88.1	





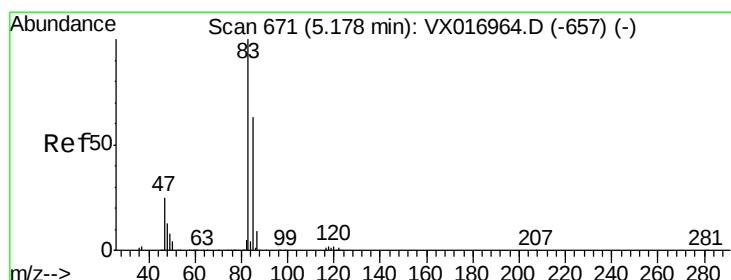
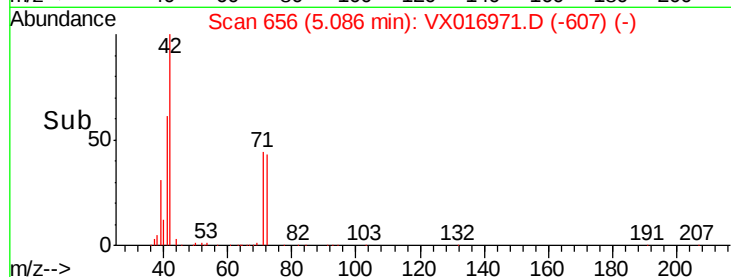
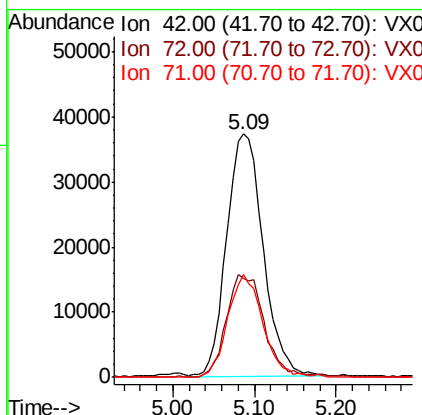
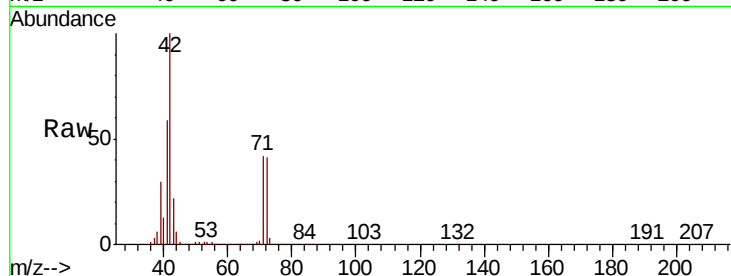
#29
Tetrahydrofuran
Concen: 86.947 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.1	51.1
71	40.7	32.1	48.1

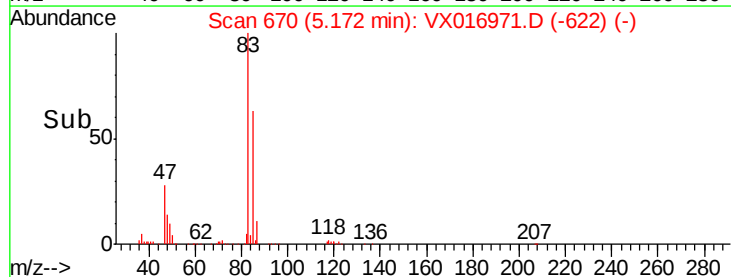
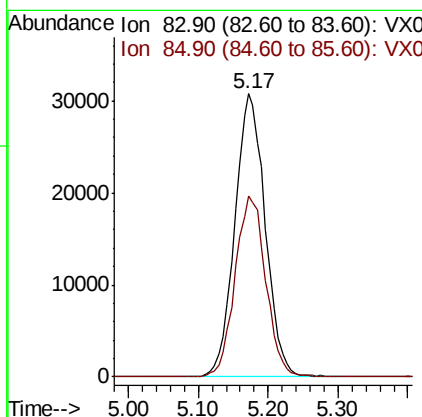
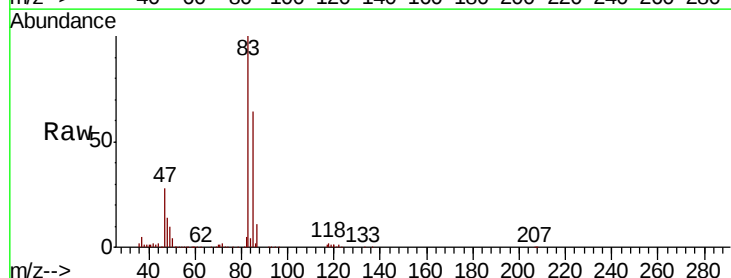
Manual Integrations
APPROVED

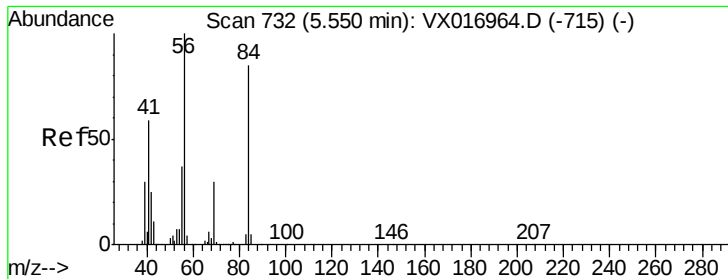
MMDadoda
6/29/2020 12:32:37 PM



#30
Chloroform
Concen: 18.222 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.7	76.1





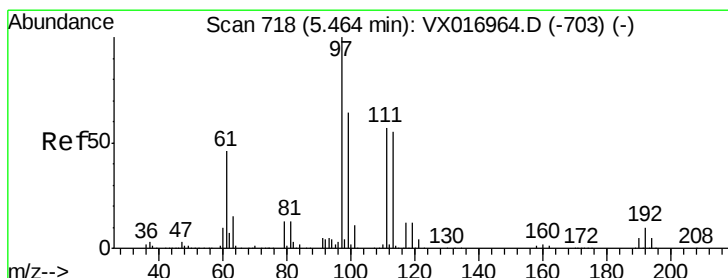
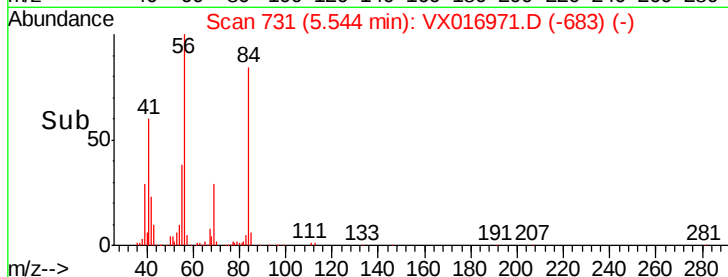
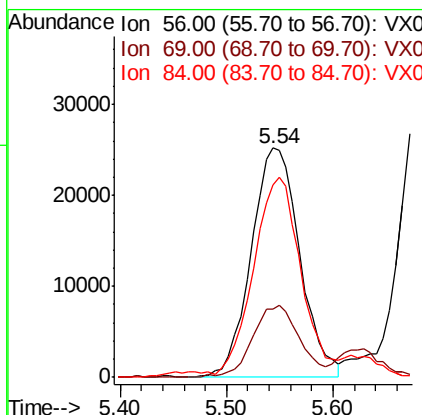
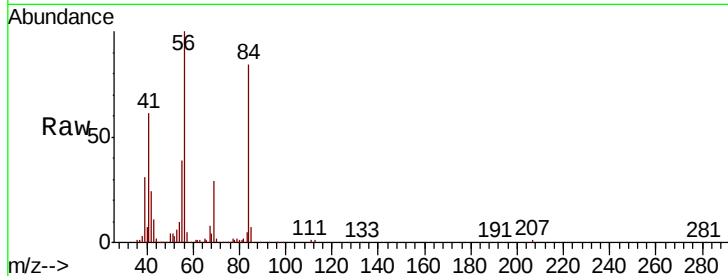
#31
Cyclohexane
Concen: 18.872 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.6	35.4
84	82.0	67.8	101.8

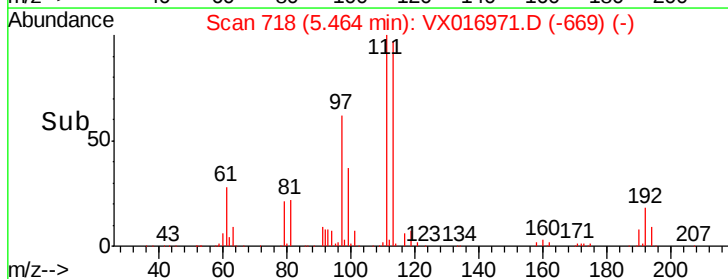
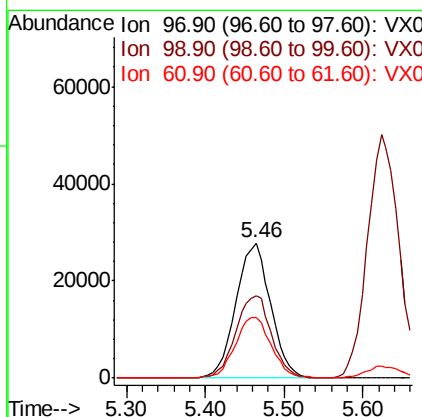
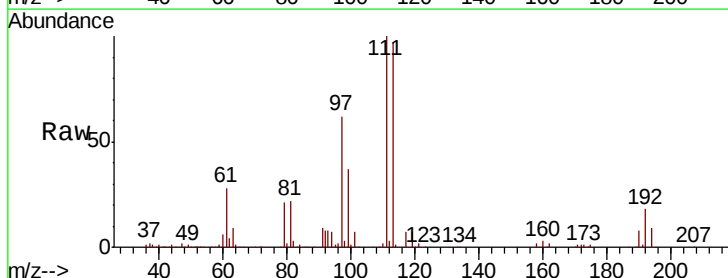
Manual Integrations
APPROVED

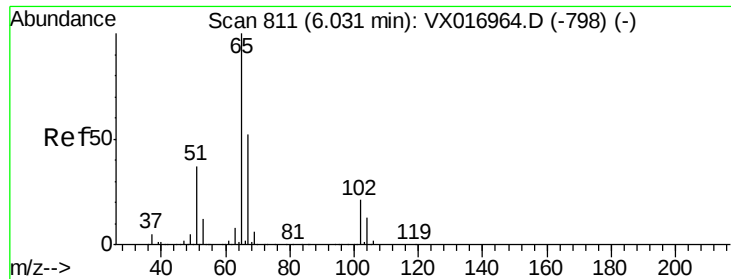
MMDadoda
6/29/2020 12:32:37 PM



#32
1,1,1-Trichloroethane
Concen: 18.616 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.4	77.2
61	47.2	37.0	55.4





#33

1,2-Dichloroethane-d4

Concen: 49.951 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 65 Resp: 168114

Ion Ratio Lower Upper

65 100

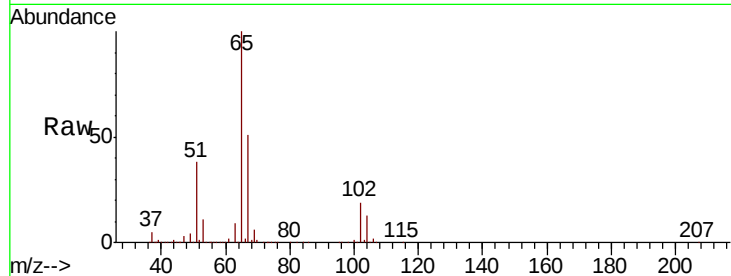
67 52.2 0.0 102.8

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

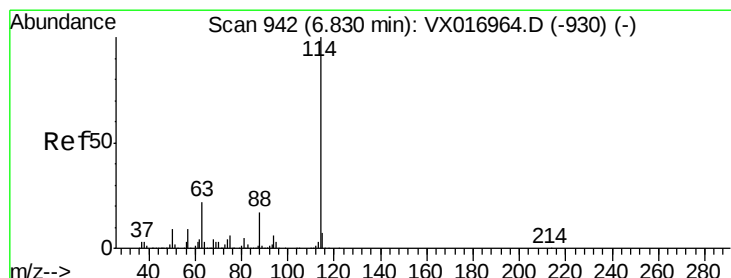
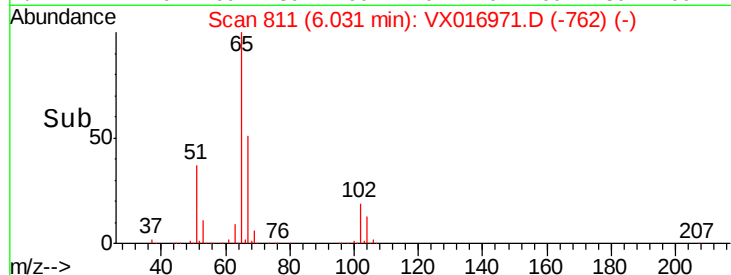
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

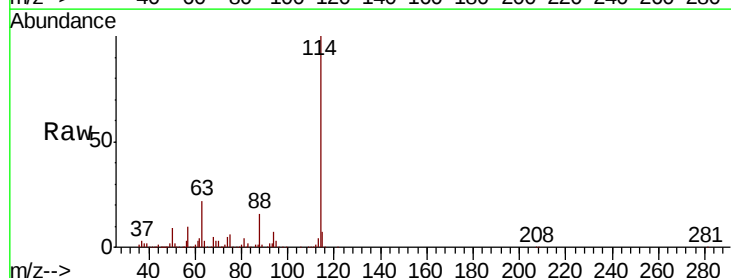
Tgt Ion: 114 Resp: 369453

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.4

88 15.6 0.0 33.2



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

200000

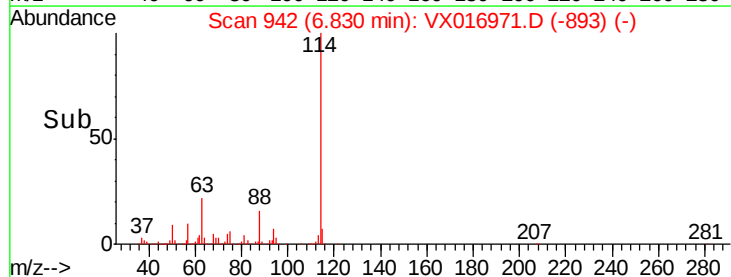
150000

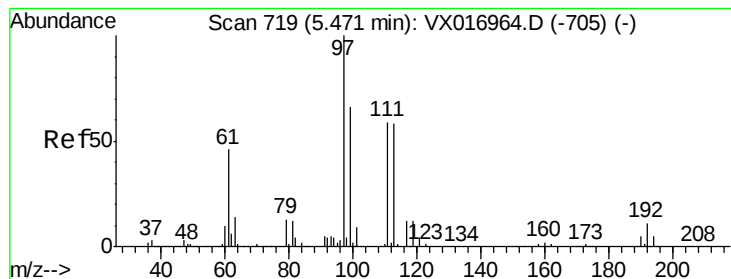
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.908 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

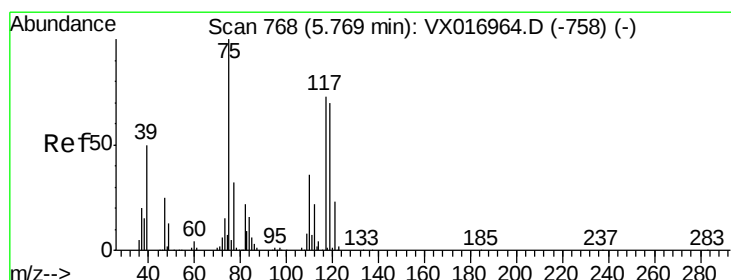
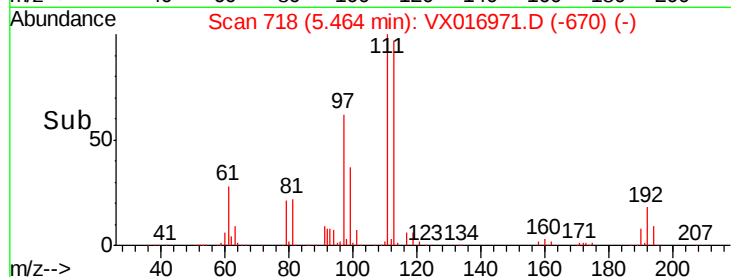
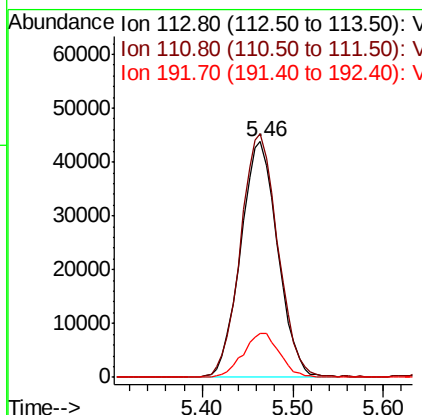
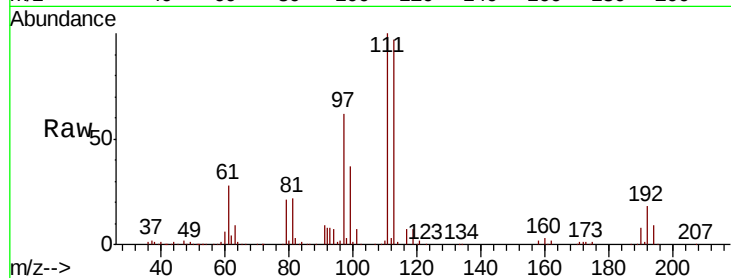
ClientSampleId :

VX0626WBS01

Tot Ion:	113	Resp:	124223
Ion Ratio	Lower	Upper	
113	100		
111	103.9	84.3	126.5
192	18.6	15.2	22.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.954 ug/l

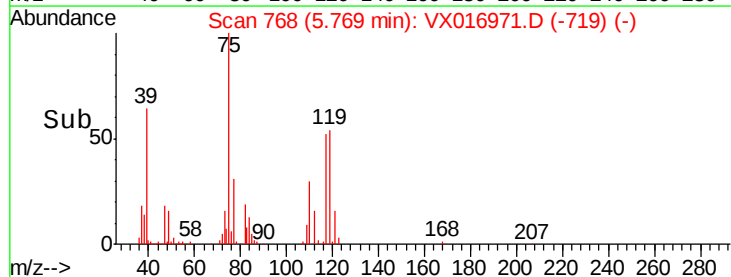
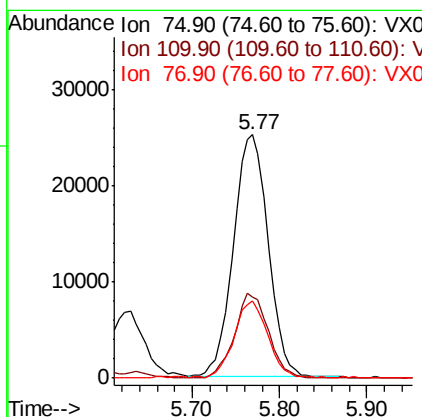
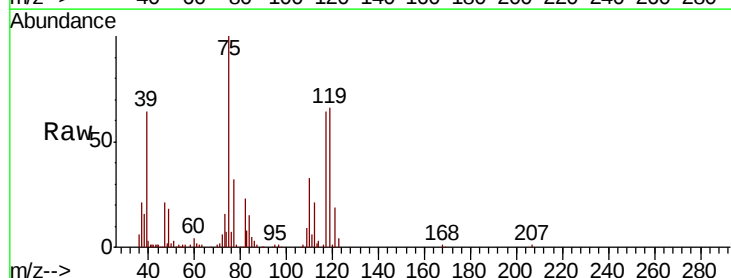
RT: 5.77 min Scan# 768

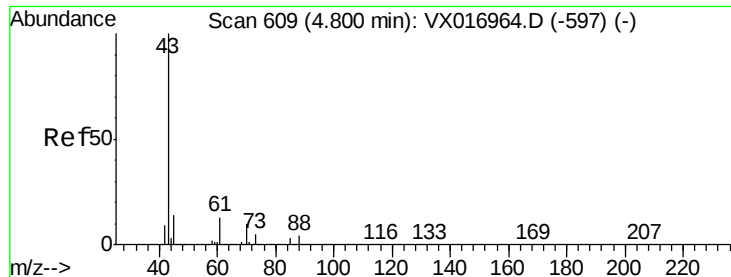
Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Tgt Ion:	75	Resp:	69339
Ion Ratio	Lower	Upper	
75	100		
110	34.2	17.2	51.6
77	30.7	24.7	37.1





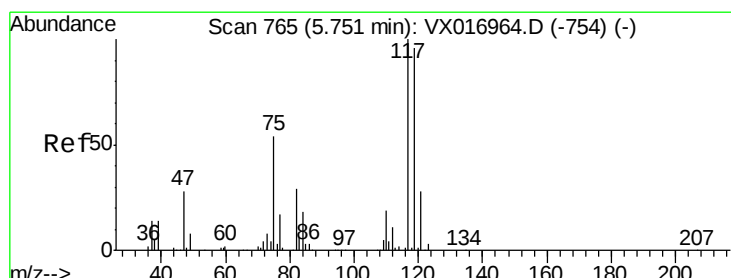
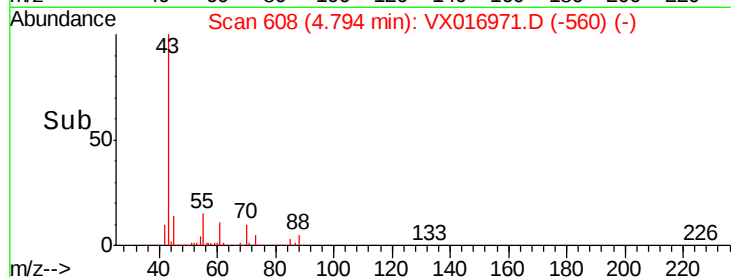
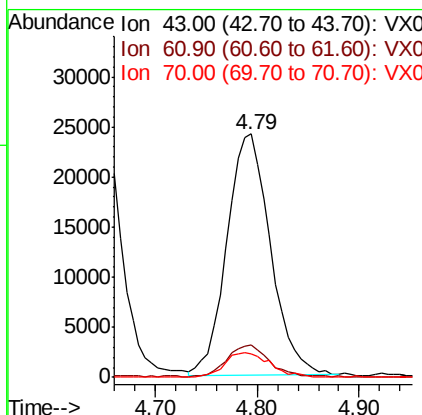
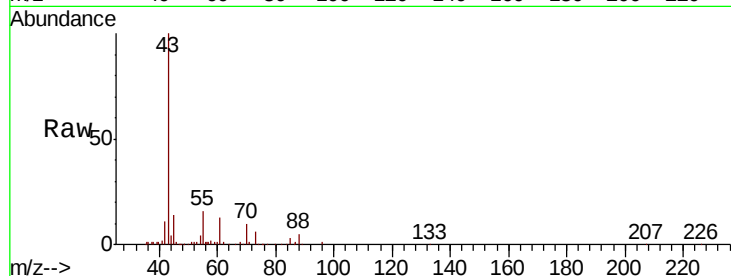
#37
Ethyl Acetate
Concen: 18.044 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.8	16.2
70	10.9	8.0	12.0

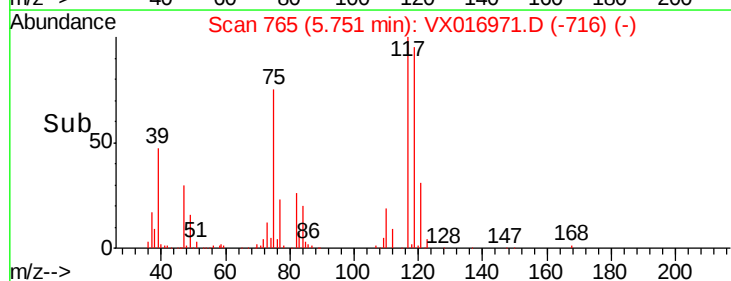
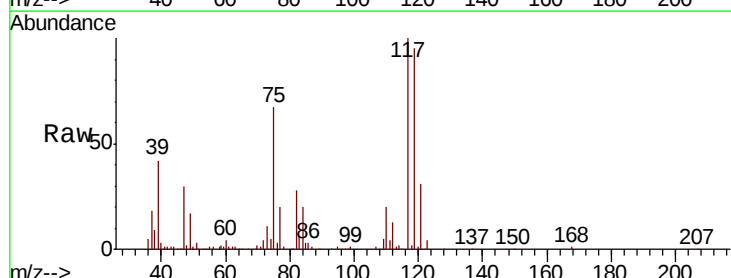
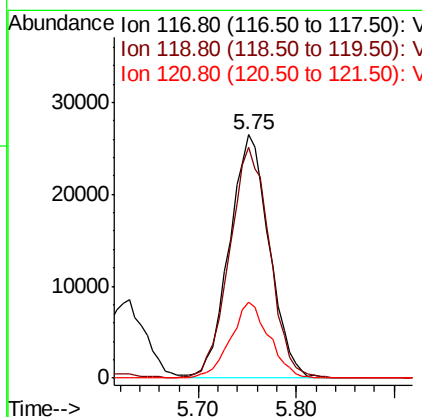
Manual Integrations
APPROVED

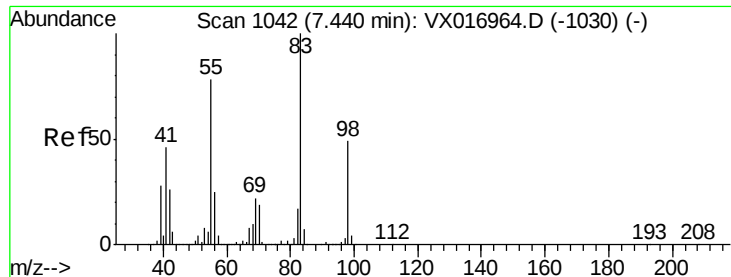
MMDadoda
6/29/2020 12:32:37 PM



#38
Carbon Tetrachloride
Concen: 19.455 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.6	114.8
121	31.1	22.5	33.7





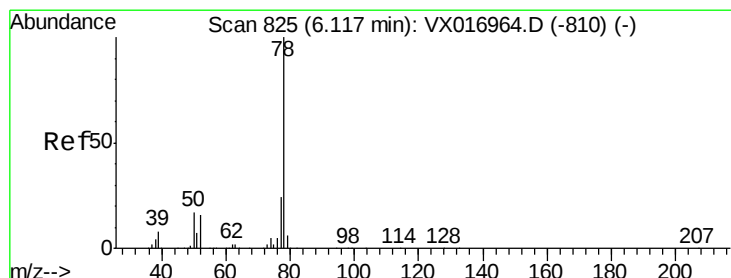
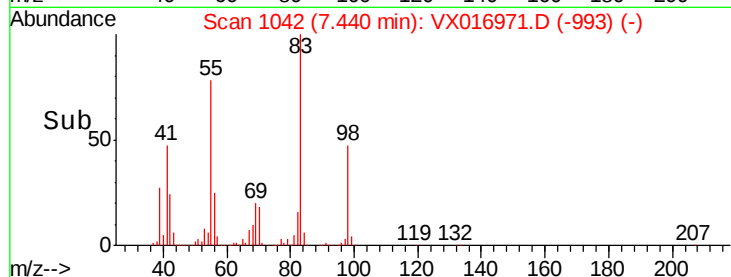
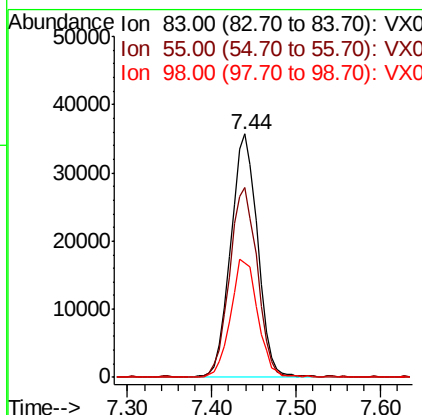
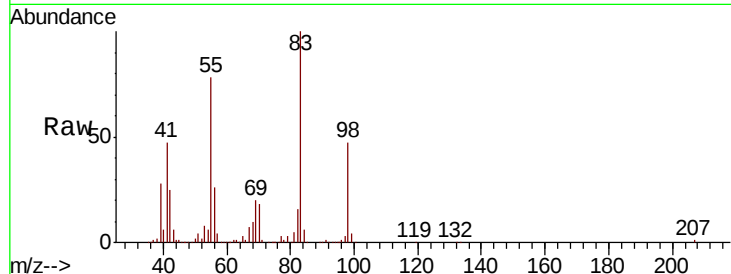
#39
Methvlcvclohexane
Concen: 19.521 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	77276		
55	77.8		62.4	93.6
98	47.1		39.4	59.0

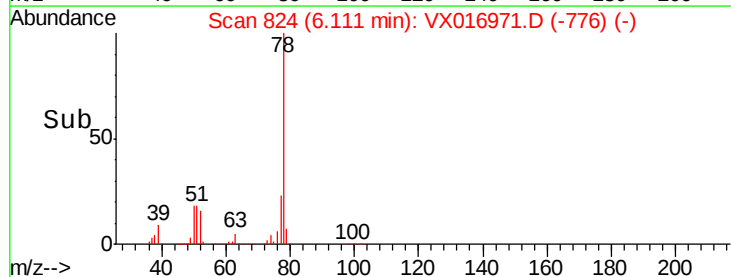
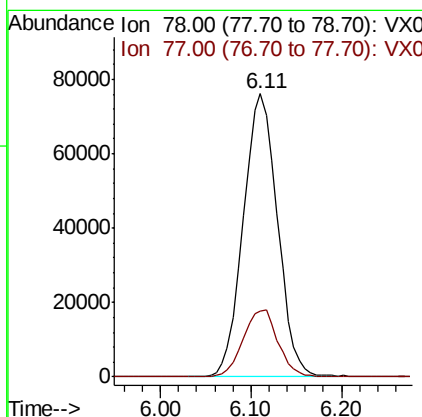
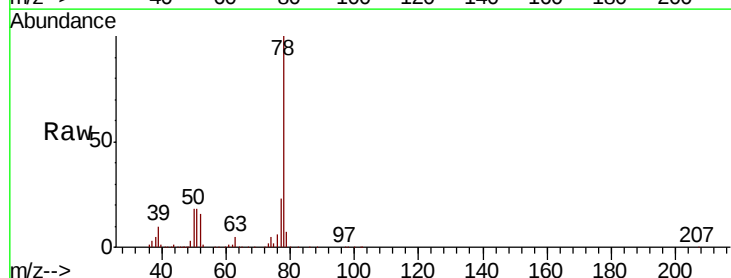
Manual Integrations
APPROVED

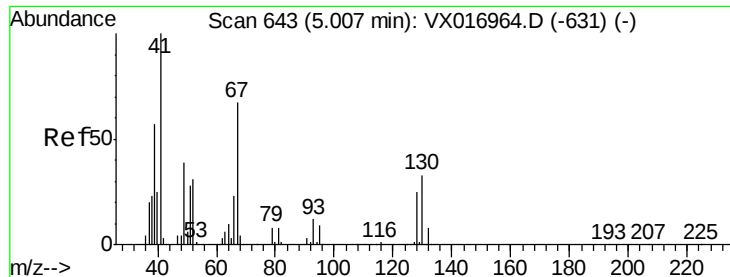
MMDadoda
6/29/2020 12:32:37 PM



#40
Benzene
Concen: 18.857 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	198660		
77	23.3		18.9	28.3





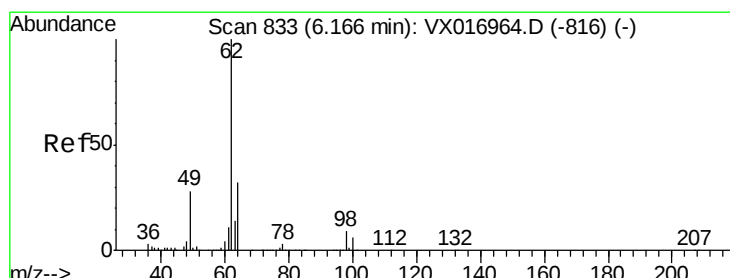
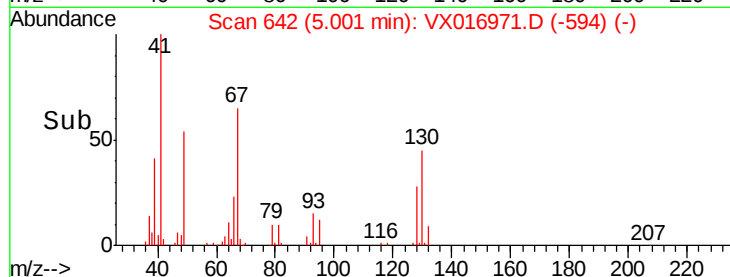
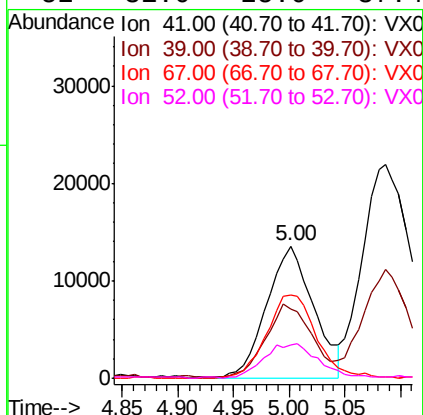
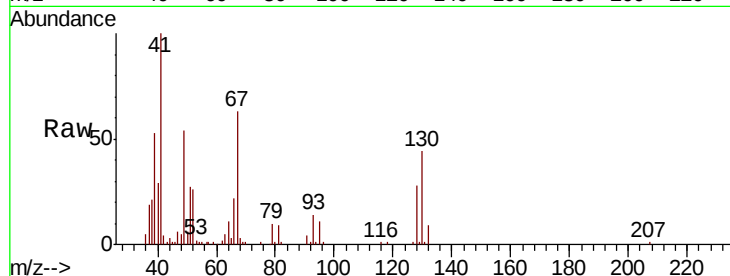
#41
Methacrylonitrile
Concen: 18.006 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.2	46.6	70.0	
67	67.5	57.0	85.6	
52	31.0	25.0	37.4	

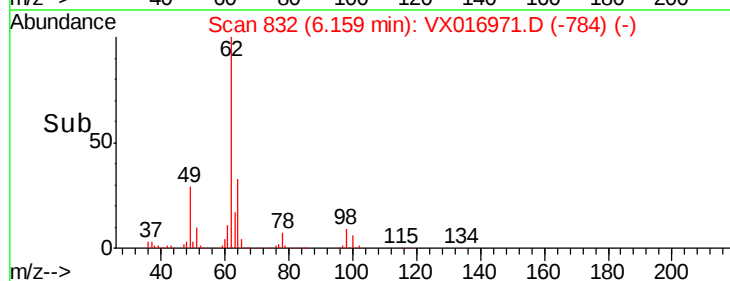
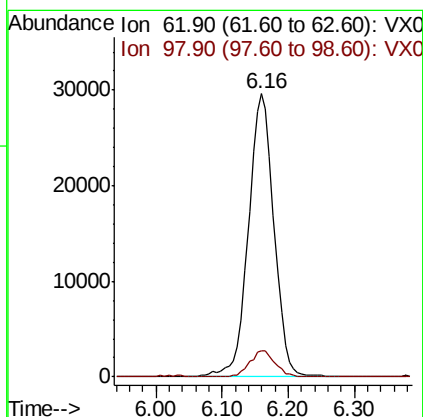
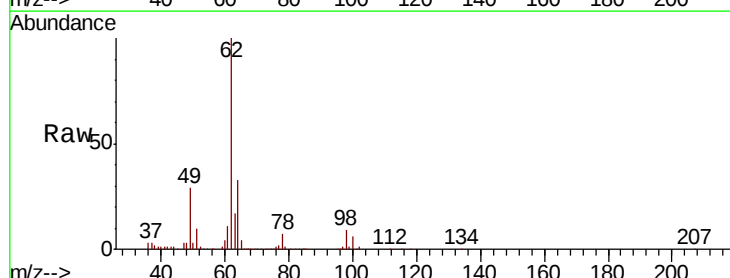
Manual Integrations
APPROVED

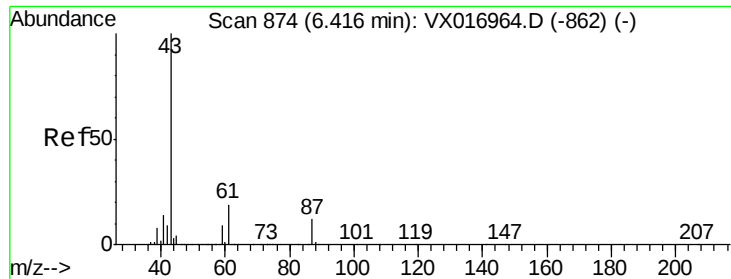
MMDadoda
6/29/2020 12:32:37 PM



#42
1,2-Dichloroethane
Concen: 19.244 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	17.2	





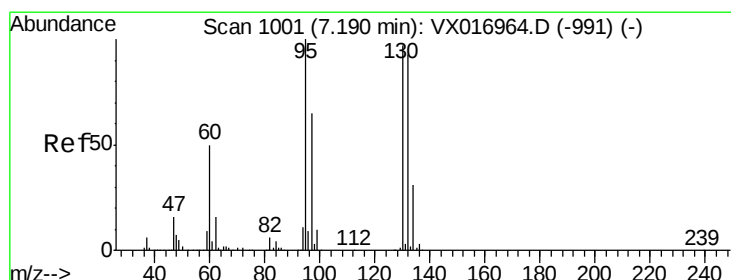
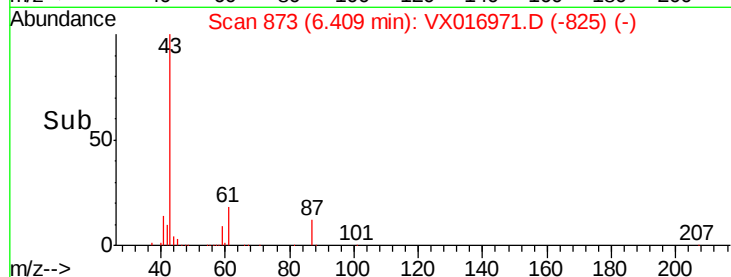
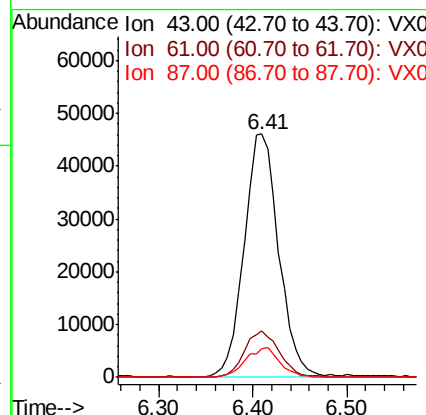
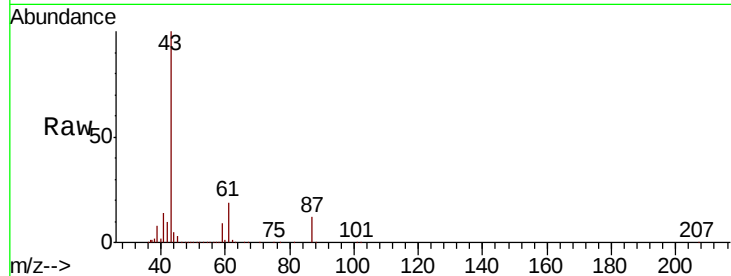
#43
Isopropyl Acetate
Concen: 17.811 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.0	22.6
87	12.4	10.0	15.0

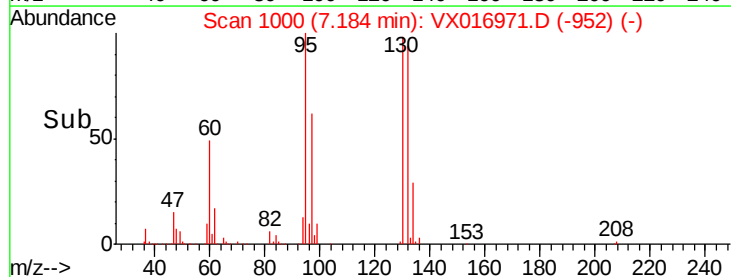
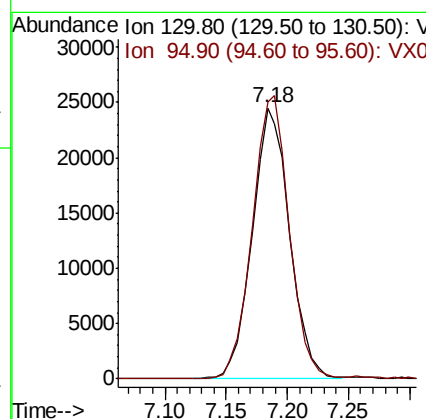
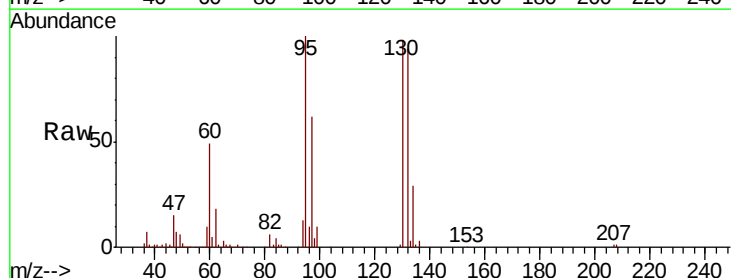
Manual Integrations
APPROVED

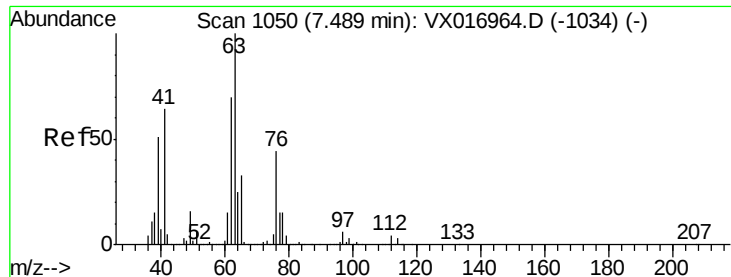
MMDadoda
6/29/2020 12:32:37 PM



#44
Trichloroethene
Concen: 18.540 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	206.6





#45

1,2-Dichloropropane

Concen: 18.624 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 63 Resp: 52454

Ion Ratio Lower Upper

63 100

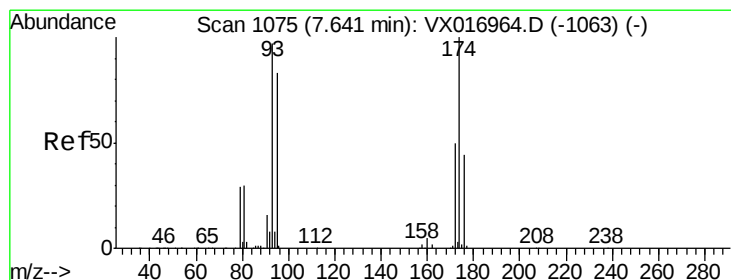
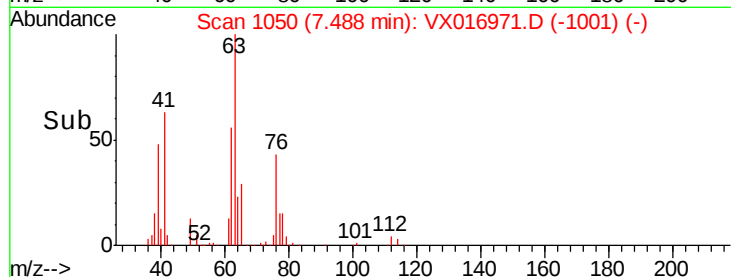
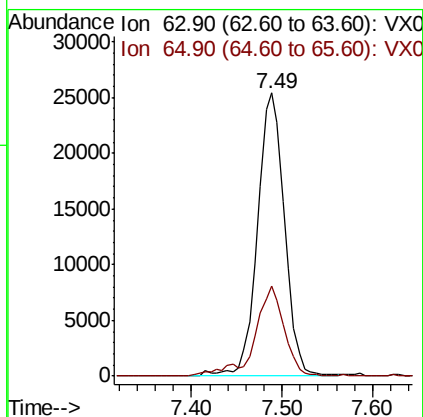
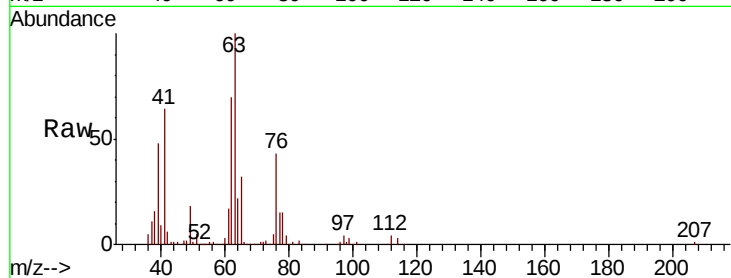
65 31.6 26.1 39.1

Manual Integrations

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#46

Dibromomethane

Concen: 18.366 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

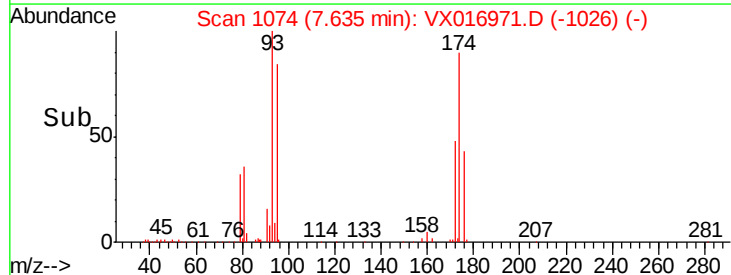
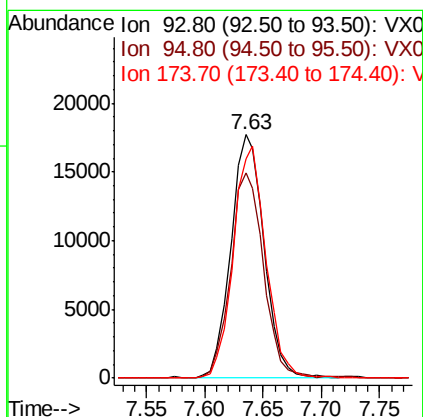
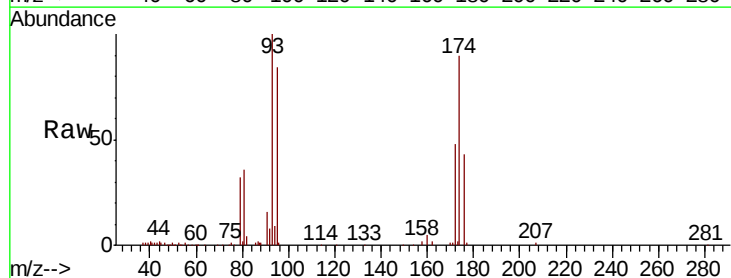
Tgt Ion: 93 Resp: 35139

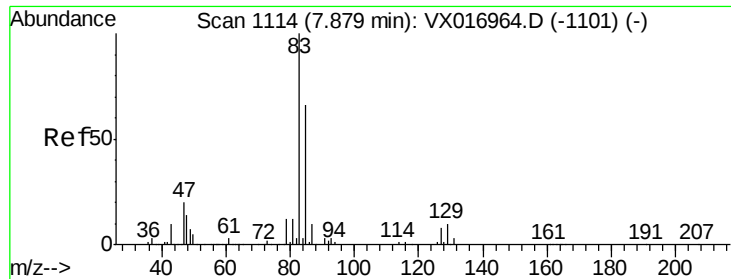
Ion Ratio Lower Upper

93 100

95 83.3 67.5 101.3

174 93.3 75.0 112.4





#47

Bromodichloromethane

Concen: 18.534 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

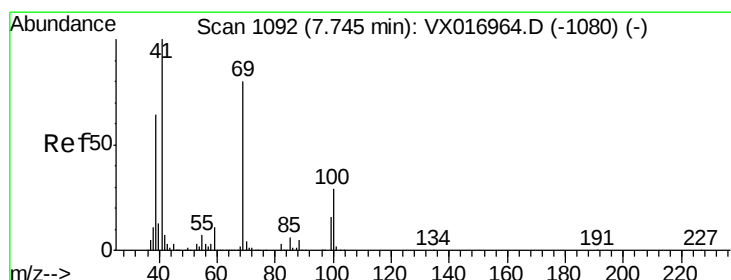
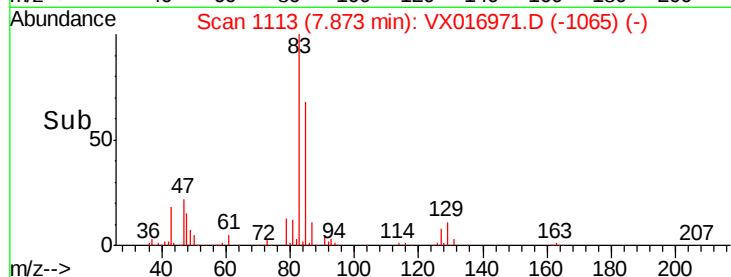
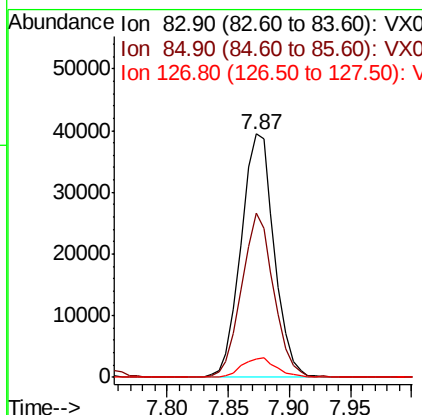
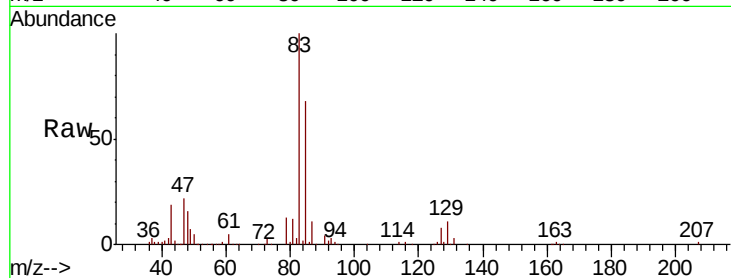
ClientSampleId :

VX0626WBS01

Tot Ion:	83	Resp:	74169
Ion	Ratio	Lower	Upper
83	100		
85	67.7	53.1	79.7
127	7.7	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.790 ug/l

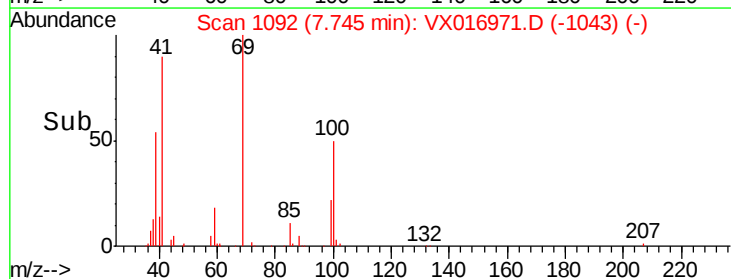
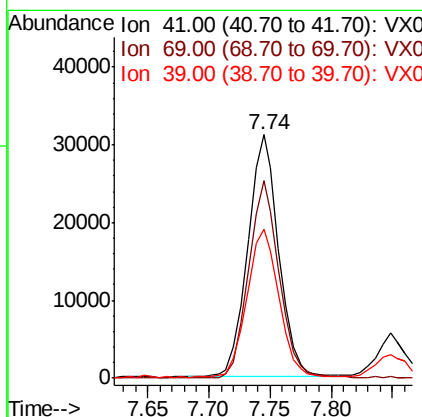
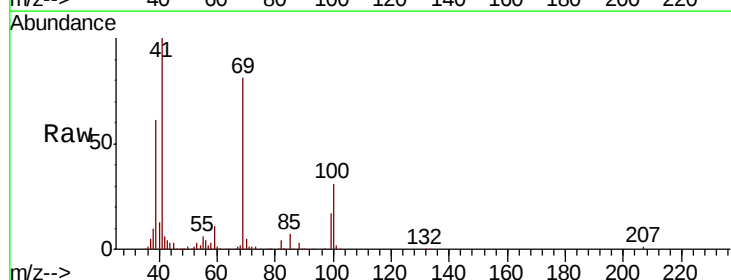
RT: 7.74 min Scan# 1092

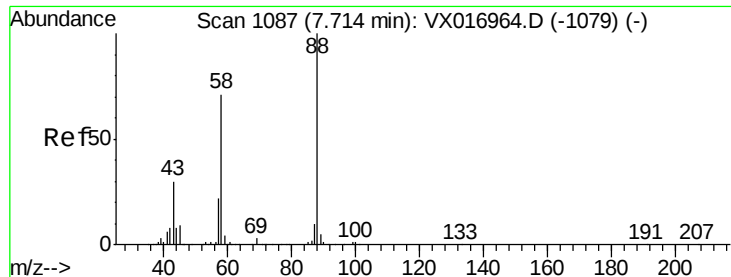
Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Tgt Ion:	41	Resp:	54944
Ion	Ratio	Lower	Upper
41	100		
69	80.9	62.7	94.1
39	62.6	49.6	74.4





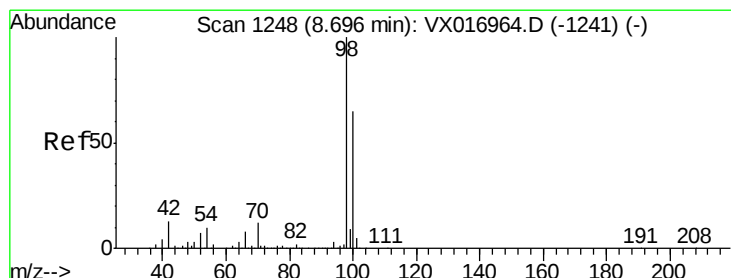
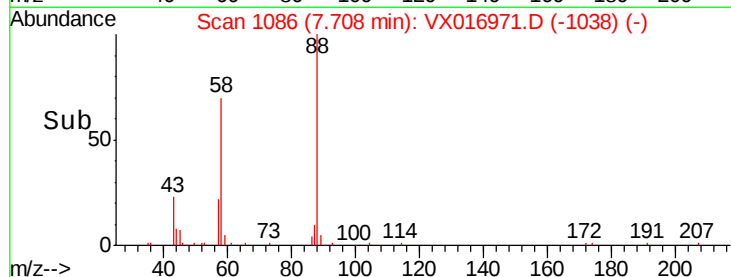
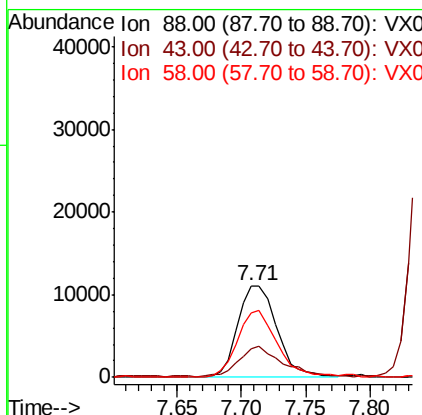
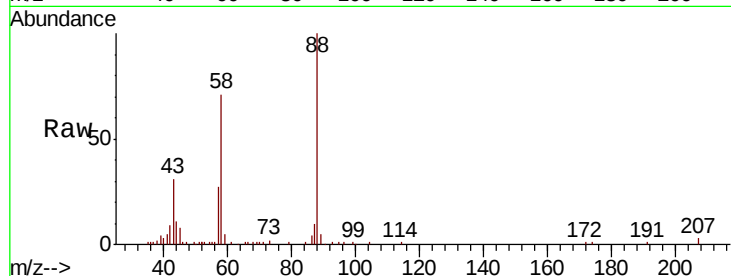
#49
1,4-Dioxane
Concen: 364.588 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.3	28.1	42.1
58	73.7	56.1	84.1

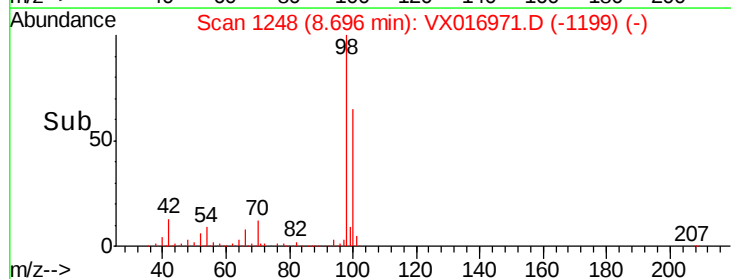
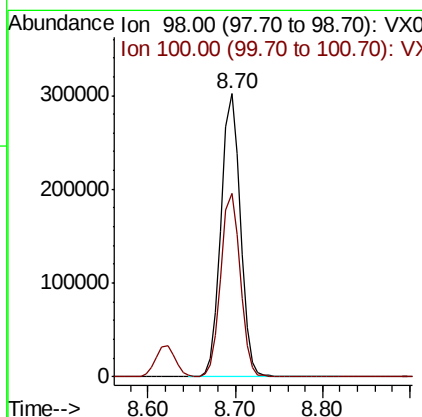
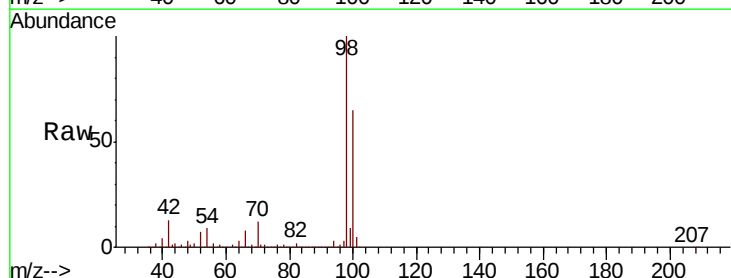
Manual Integrations
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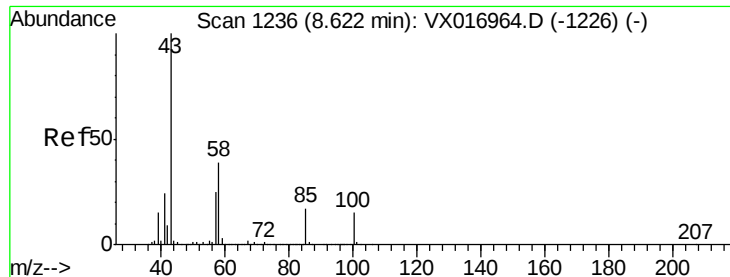
MMDadoda
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#50
Toluene-d8
Concen: 51.692 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2





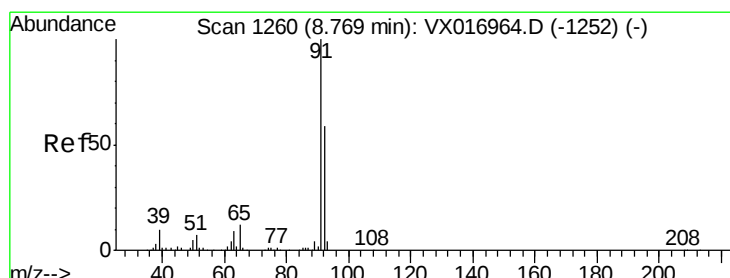
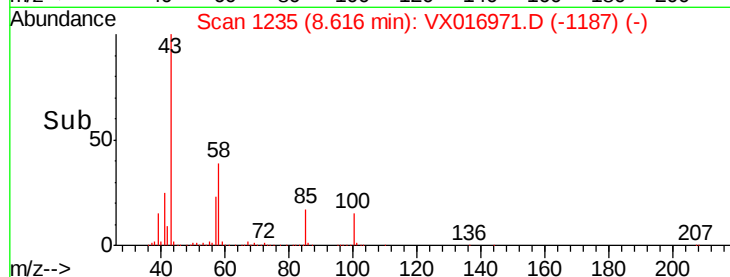
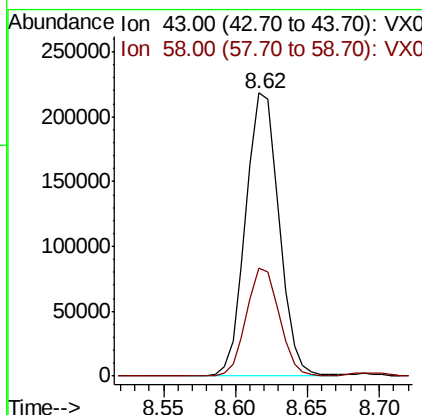
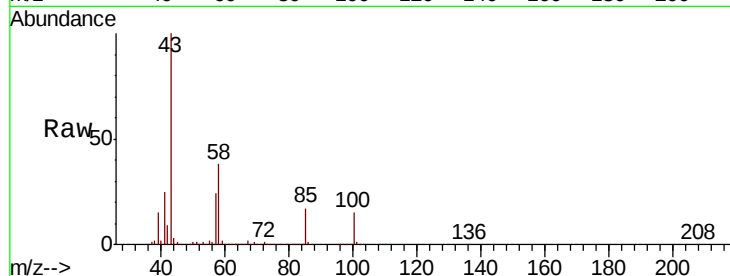
#51
4-Methyl-2-Pentanone
Concen: 92.395 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.4	45.6

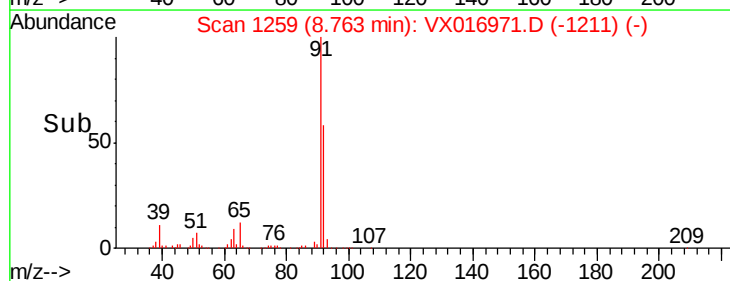
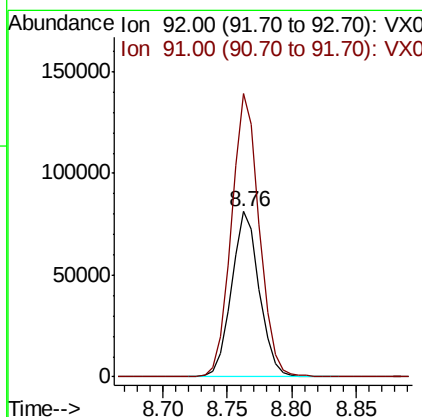
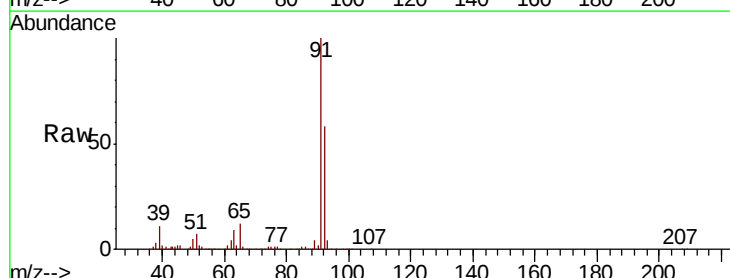
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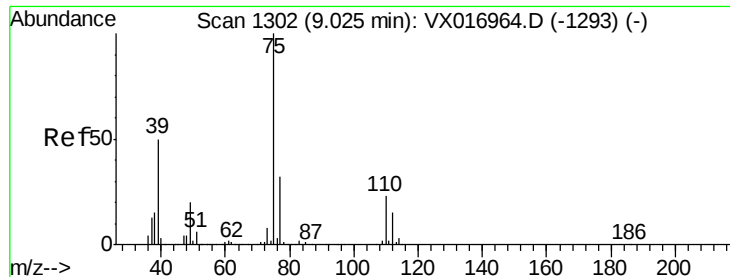
MMDadoda
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#52
Toluene
Concen: 18.873 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.6	136.7	205.1





#53

t-1,3-Dichloropropene

Concen: 18.621 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 75 Resp: 79798

Ion Ratio Lower Upper

75 100

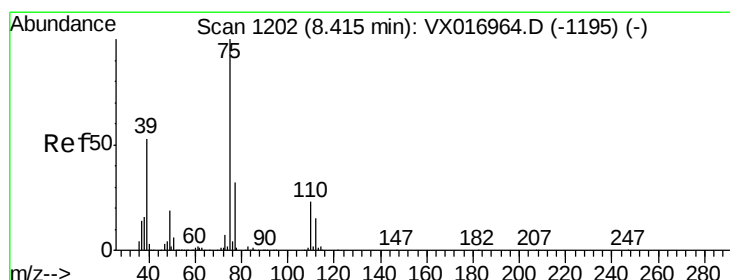
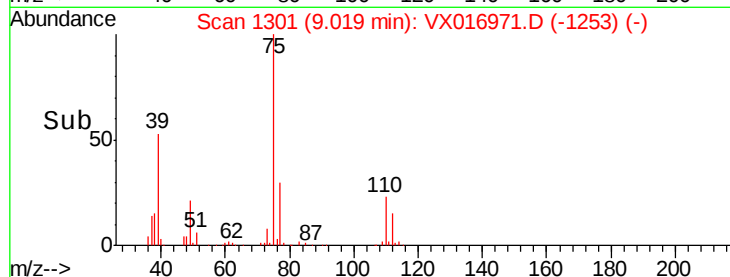
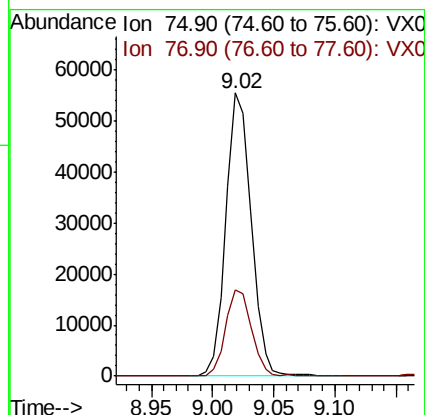
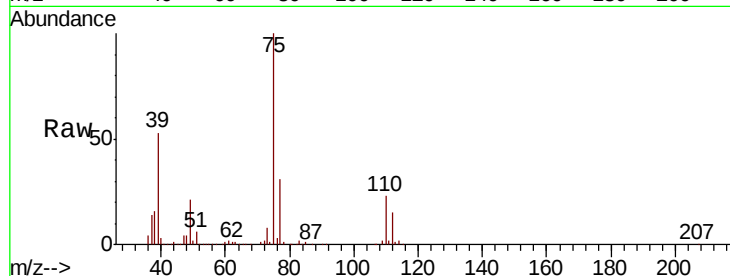
77 30.4 25.8 38.6

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#54

cis-1,3-Dichloropropene

Concen: 18.756 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

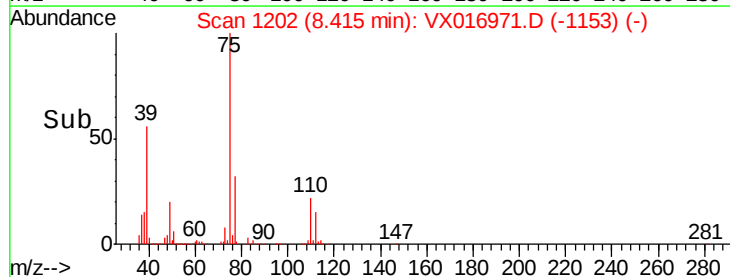
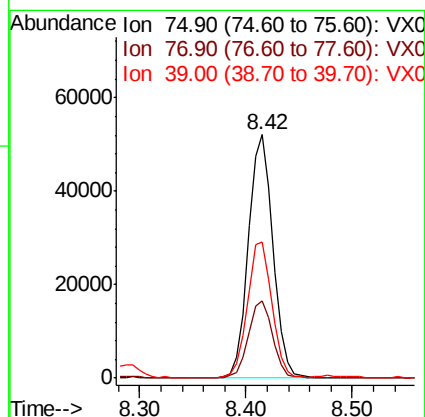
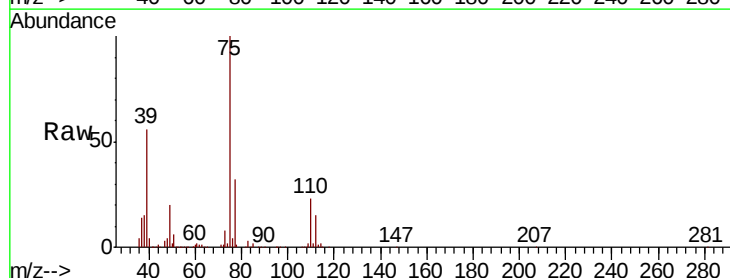
Tgt Ion: 75 Resp: 84496

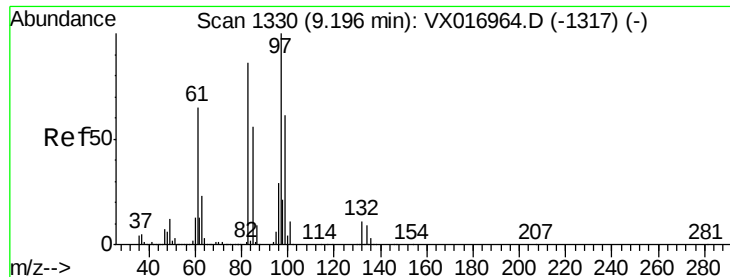
Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5

39 55.7 42.7 64.1





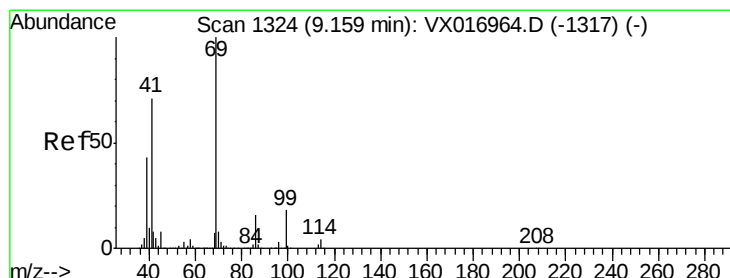
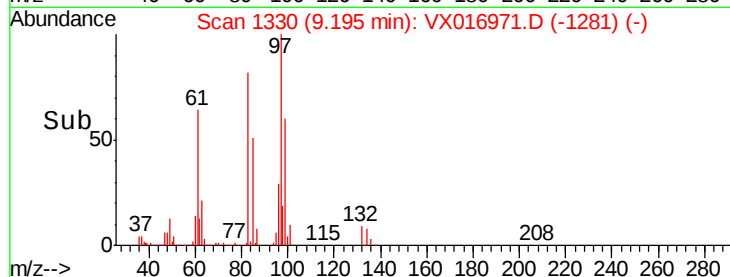
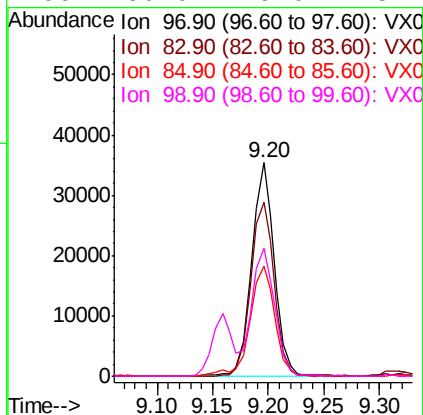
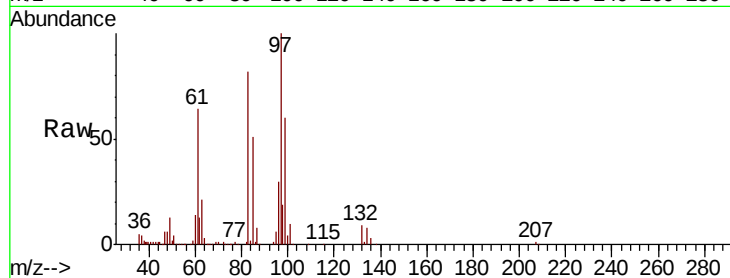
#55
 1,1,2-Trichloroethane
 Concen: 18.743 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		50008		
83	81.6	68.6	103.0		
85	51.4	44.5	66.7		
99	60.0	49.0	73.4		

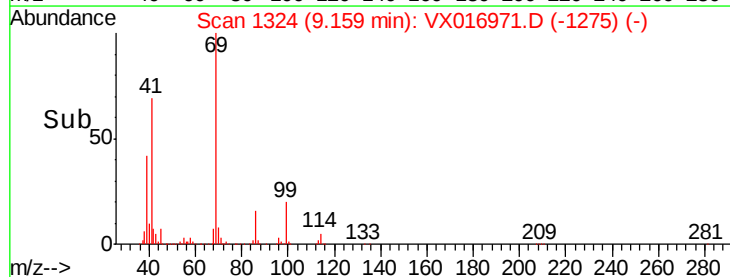
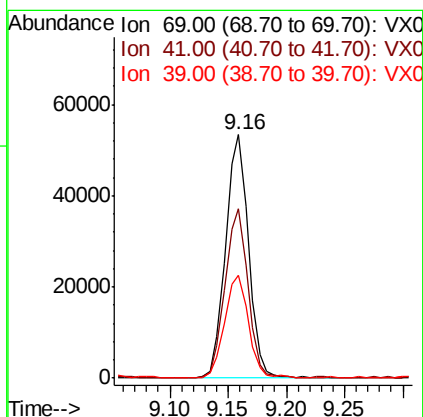
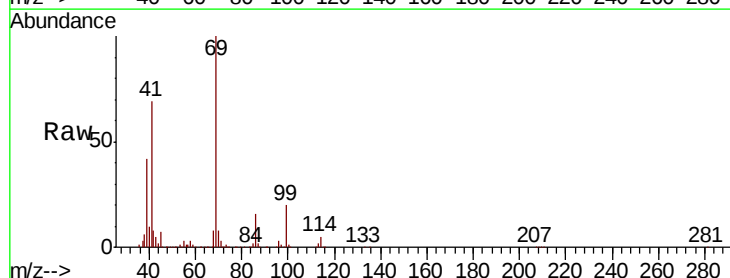
Manual Integrations
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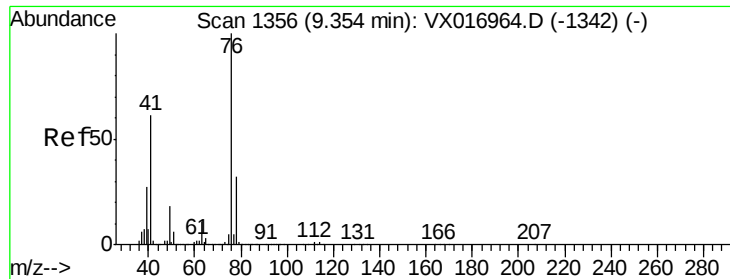
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 6/29/2020 12:32:37 PM



#56
 Ethyl methacrylate
 Concen: 18.310 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		73216		
41	68.7	55.9	83.9		
39	43.3	34.6	51.8		





#57

1,3-Dichloropropane

Concen: 18.746 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 76 Resp: 85621

Ion Ratio Lower Upper

76 100

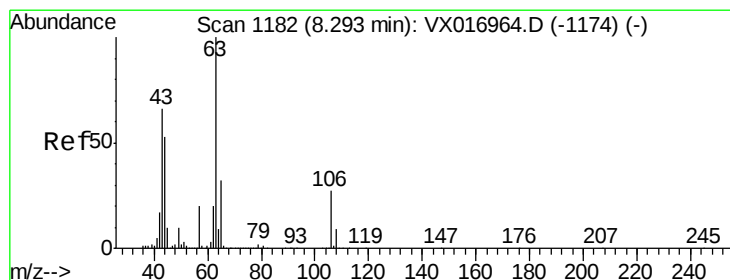
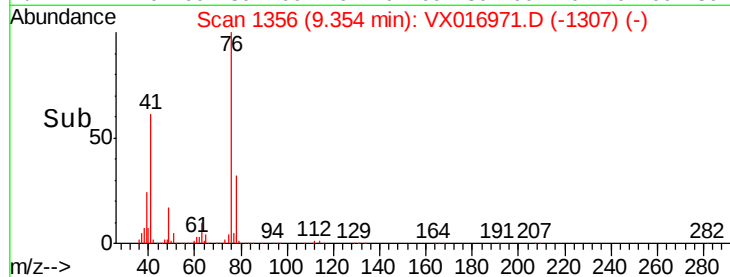
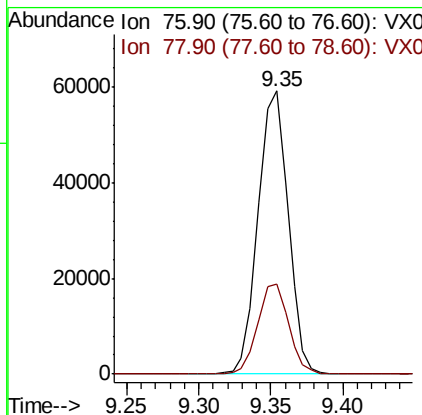
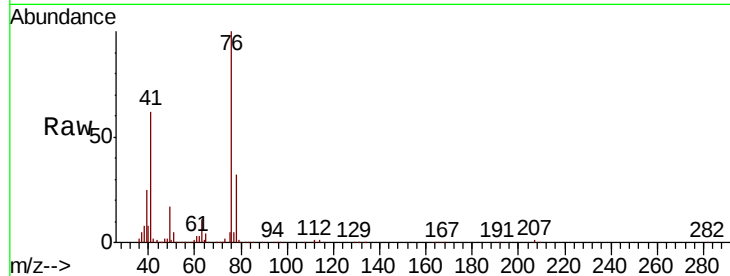
78 33.1 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 96.335 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016971.D

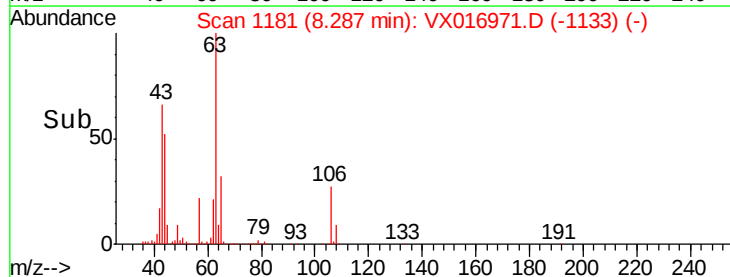
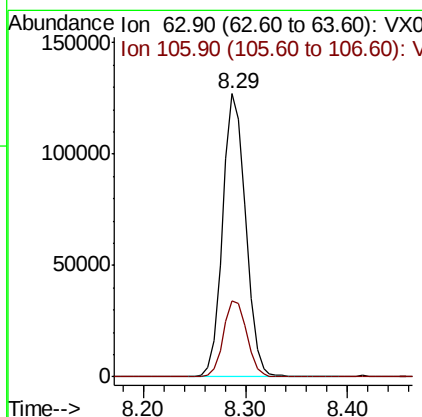
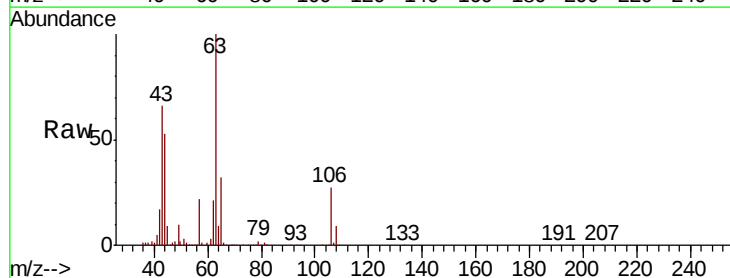
Acq: 26 Jun 2020 10:28

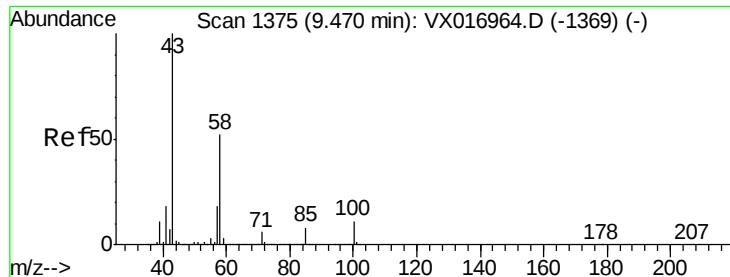
Tgt Ion: 63 Resp: 199020

Ion Ratio Lower Upper

63 100

106 27.4 22.1 33.1





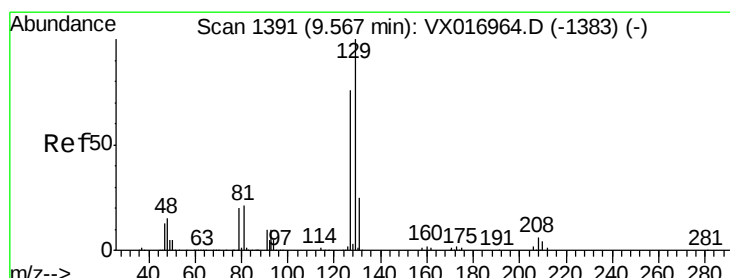
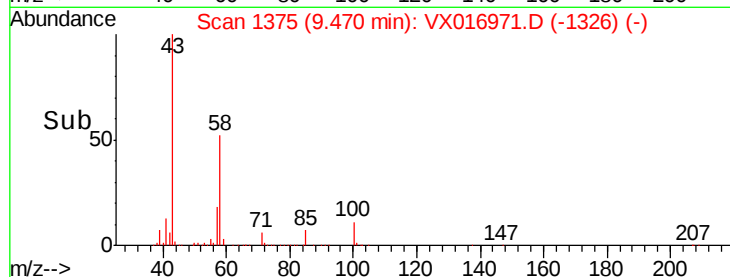
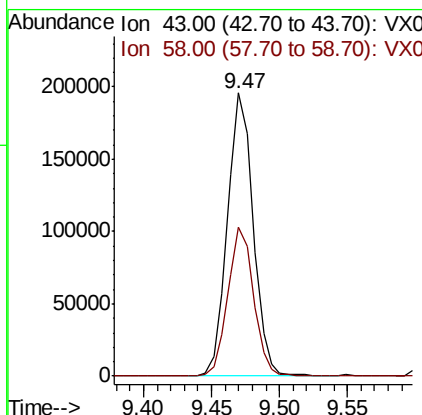
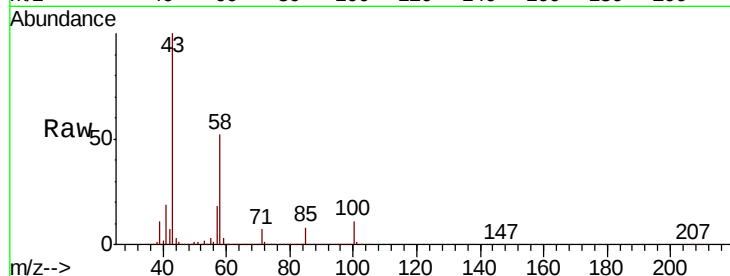
#59
2-Hexanone
Concen: 90.565 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion: 43 Resp: 257889
Ion Ratio Lower Upper
43 100
58 52.6 26.3 78.9

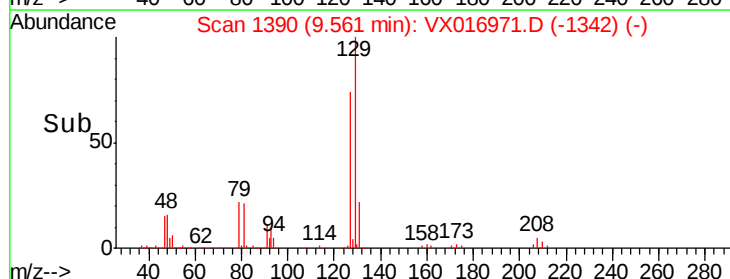
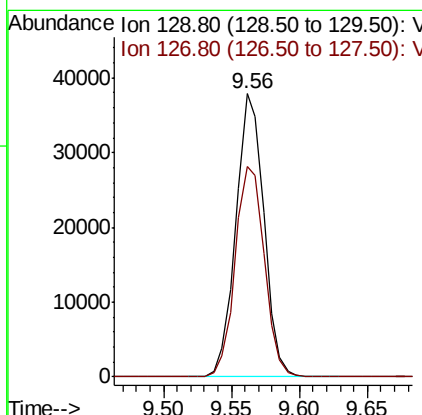
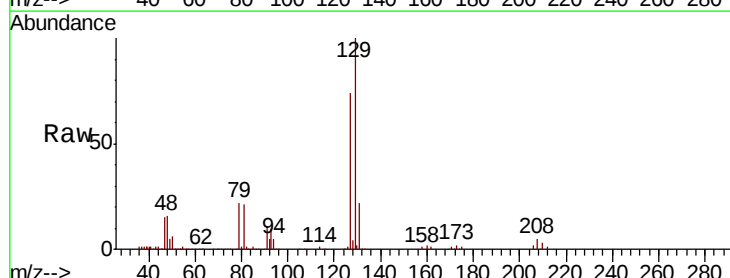
Manual Integrations
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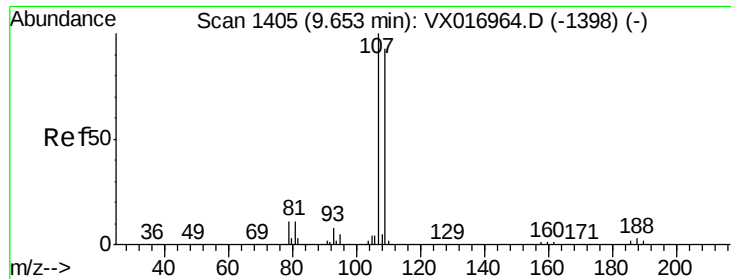
MMDadoda
6/29/2020 12:32:37 PM



#60
Dibromochloromethane
Concen: 17.878 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion: 129 Resp: 54374
Ion Ratio Lower Upper
129 100
127 77.7 38.0 114.0





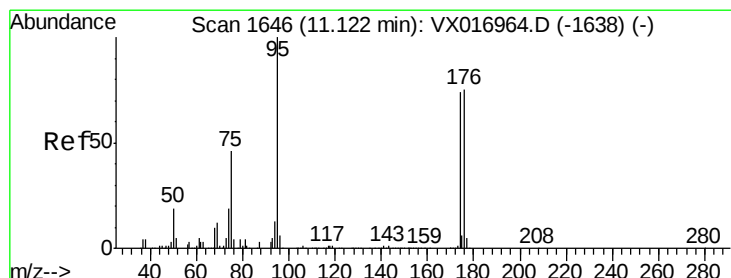
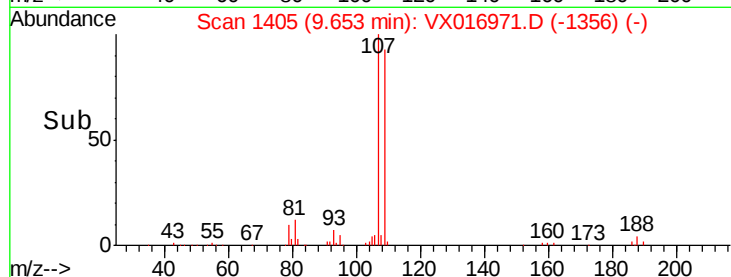
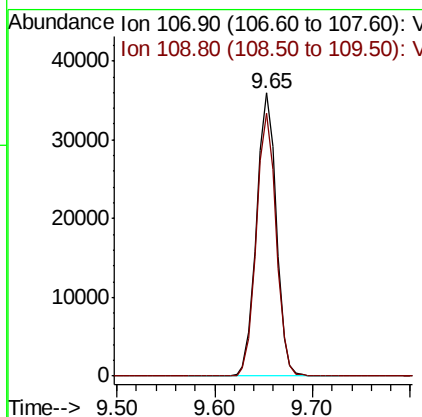
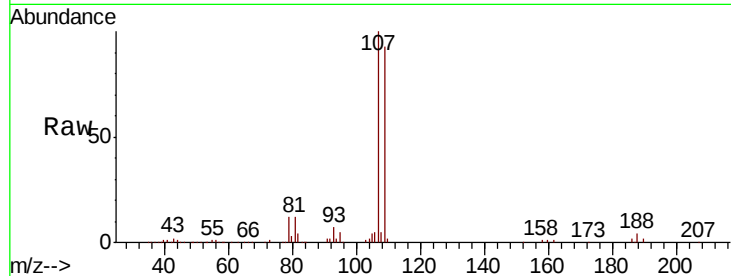
#61
 1,2-Dibromoethane
 Concen: 17.902 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion: 107 Resp: 50999
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.0 112.6

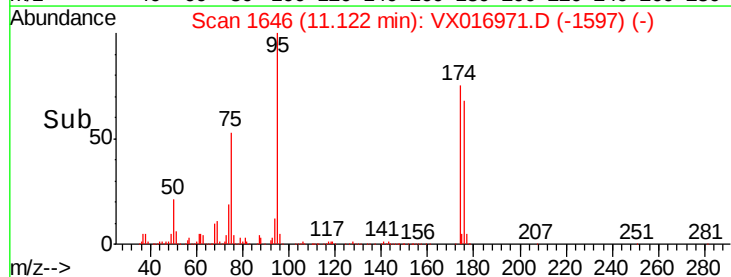
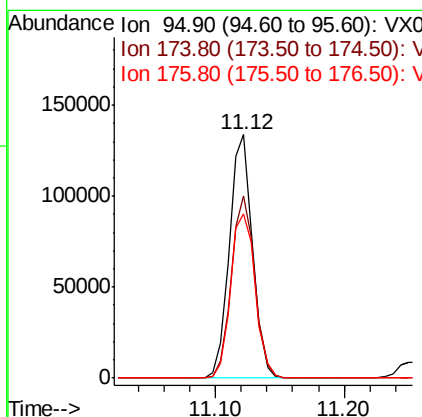
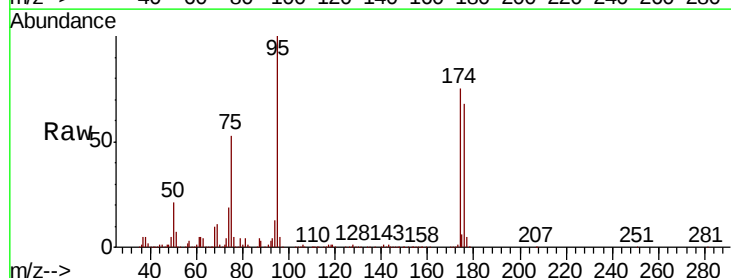
Manual Integrations
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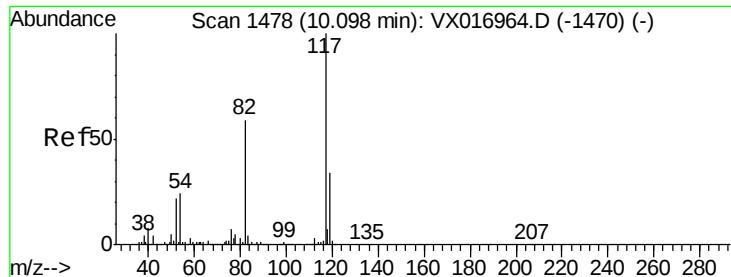
MMDadoda
 6/29/2020 12:32:37 PM



#62
 4-Bromofluorobenzene
 Concen: 48.746 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

Tgt Ion: 95 Resp: 168603
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 149.6
 176 71.6 0.0 148.2





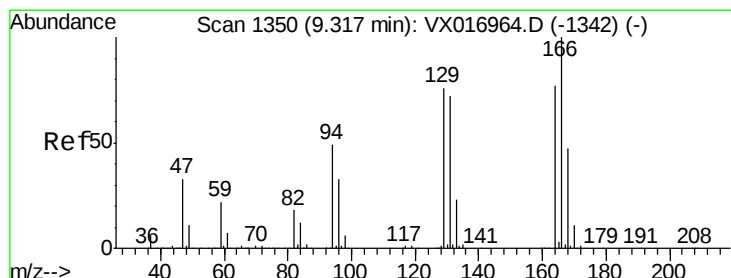
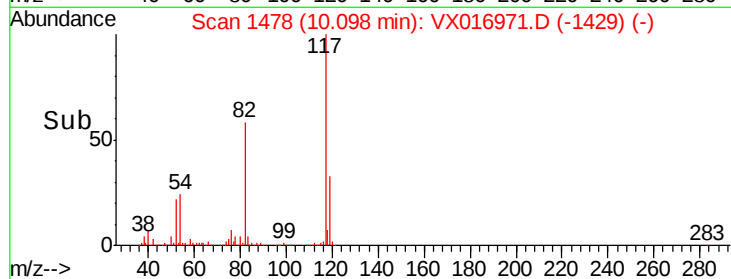
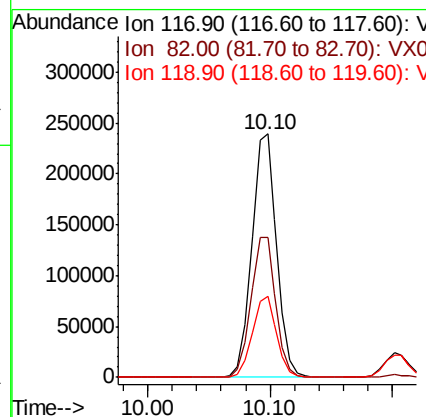
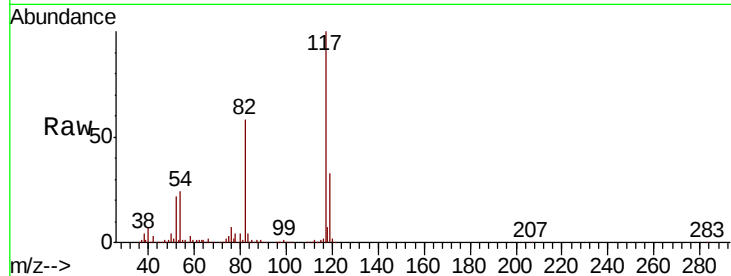
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.8	70.2
119	33.0	27.3	40.9

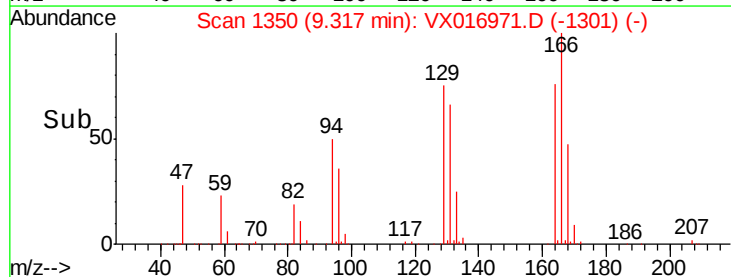
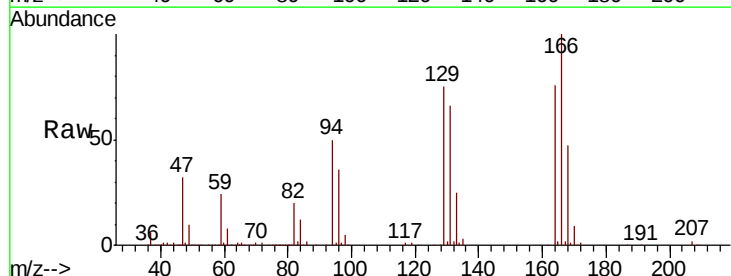
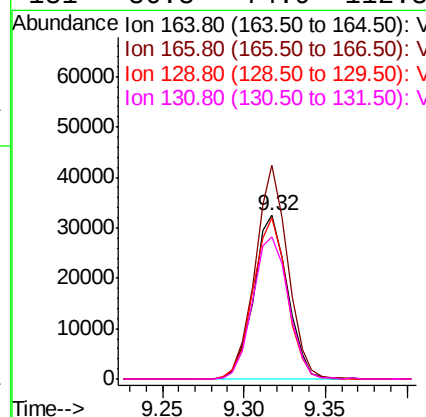
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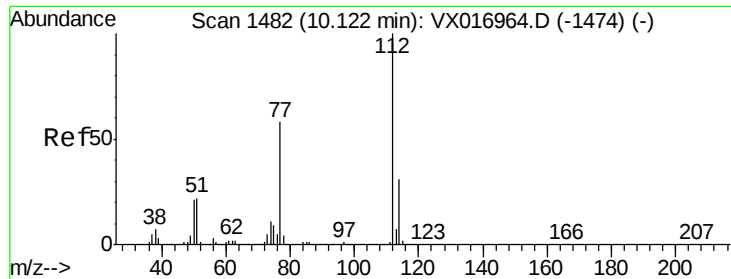
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#64
Tetrachloroethene
Concen: 20.672 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.8	104.2	156.4
129	98.6	79.3	118.9
131	86.8	74.9	112.3





#65

Chlorobenzene

Concen: 18.596 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion:112 Resp: 127727

Ion Ratio Lower Upper

112 100

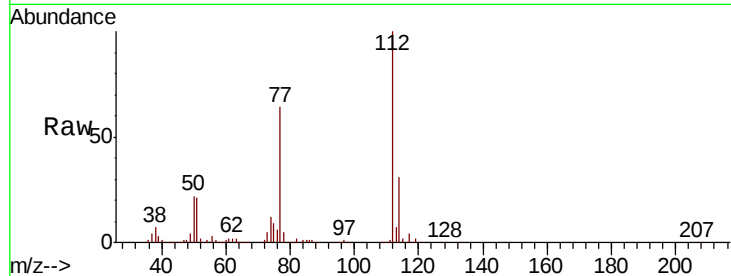
114 31.3 24.8 37.2

Manual Integrations

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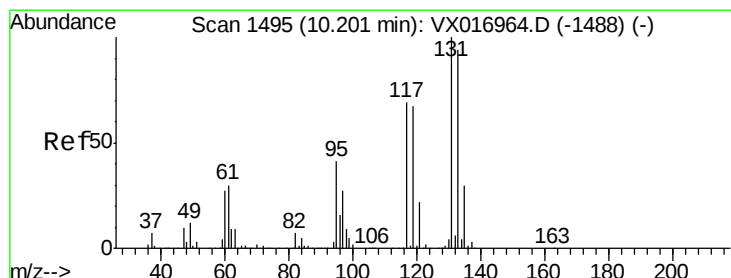
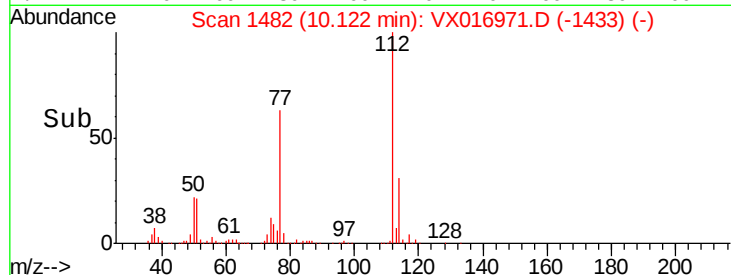
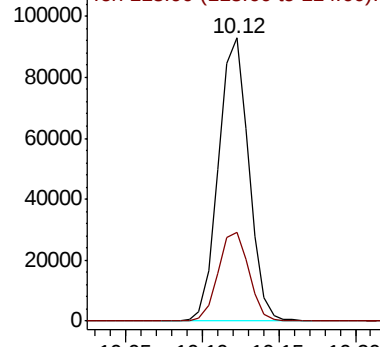
MMDadoda

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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: 19.282 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

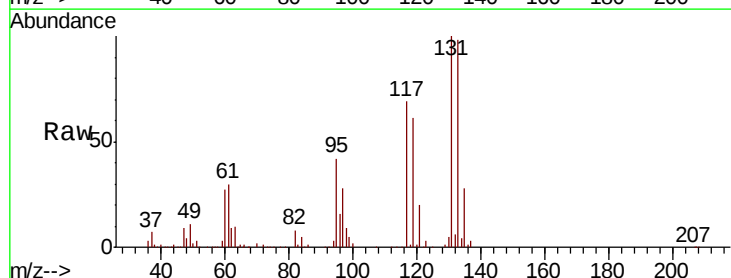
Tgt Ion:131 Resp: 49220

Ion Ratio Lower Upper

131 100

133 97.1 48.0 144.0

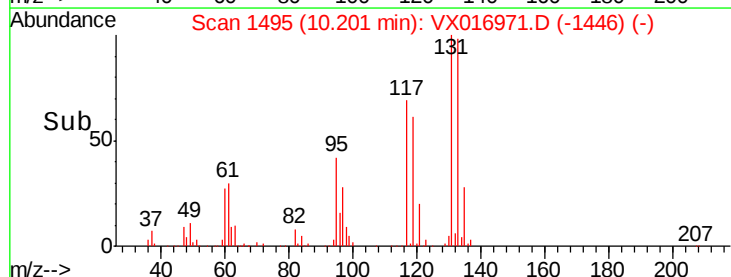
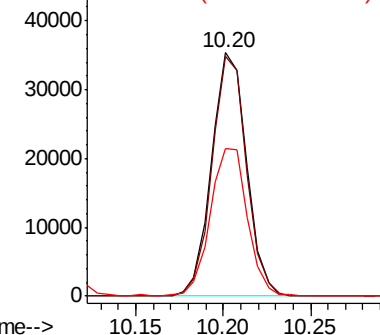
119 64.2 32.8 98.4

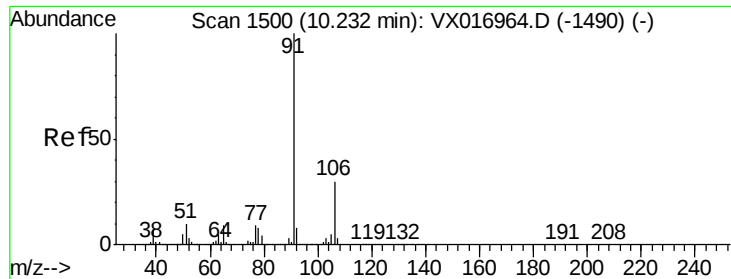


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.155 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampled :

VX0626WBS01

Tot Ion: 91 Resp: 230963

Ion Ratio Lower Upper

91 100

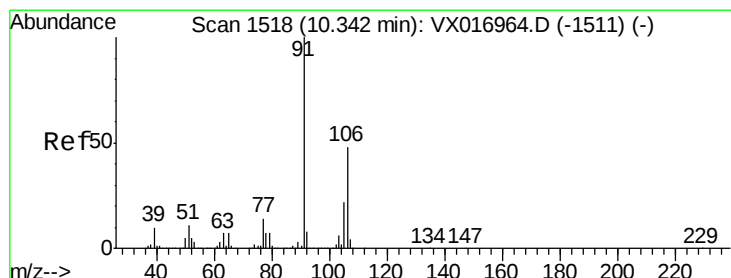
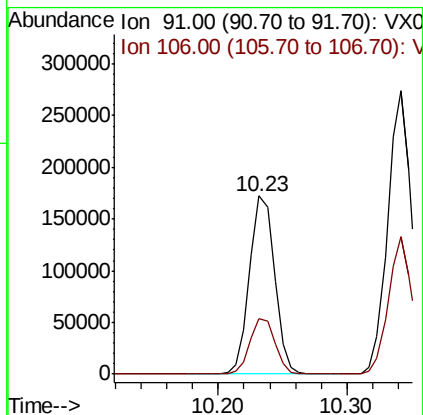
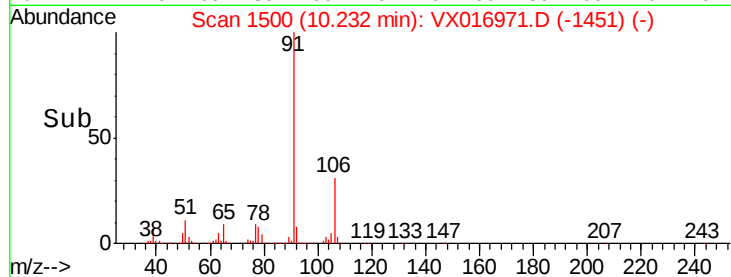
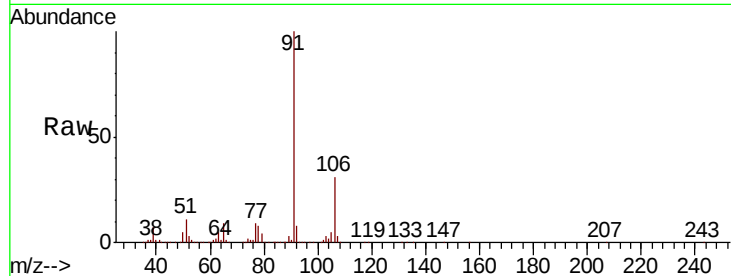
106 31.4 24.1 36.1

Manual Integrations

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#68

m/p-Xylenes

Concen: 38.316 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016971.D

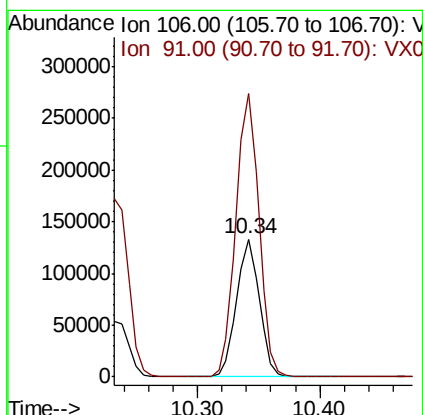
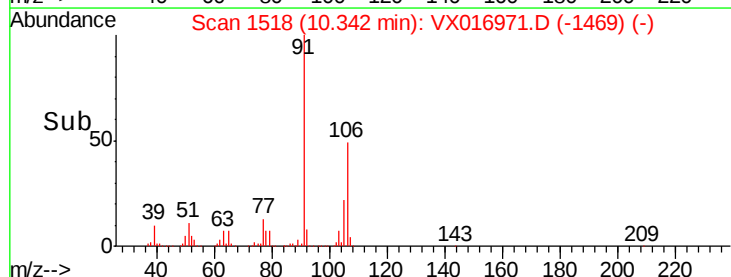
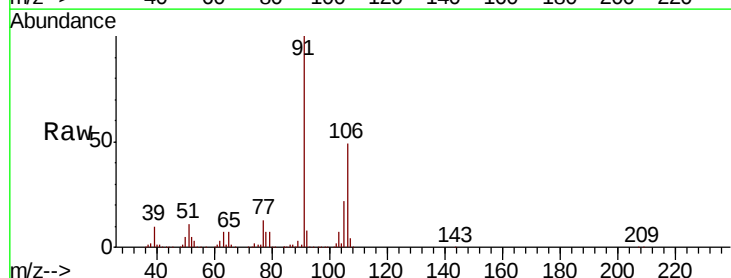
Acq: 26 Jun 2020 10:28

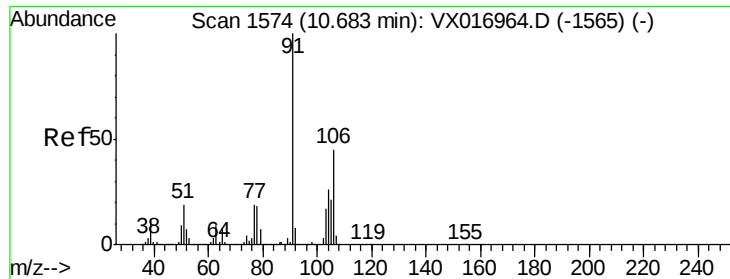
Tgt Ion: 106 Resp: 171633

Ion Ratio Lower Upper

106 100

91 207.5 164.1 246.1





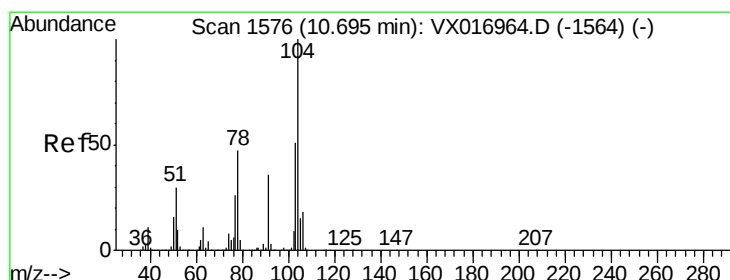
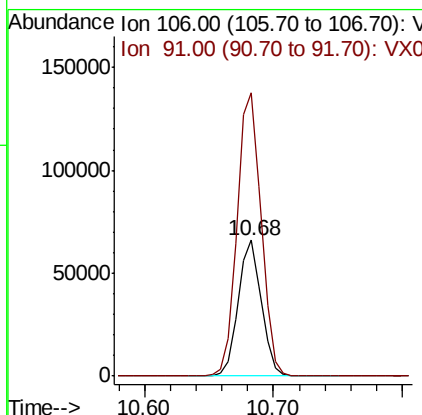
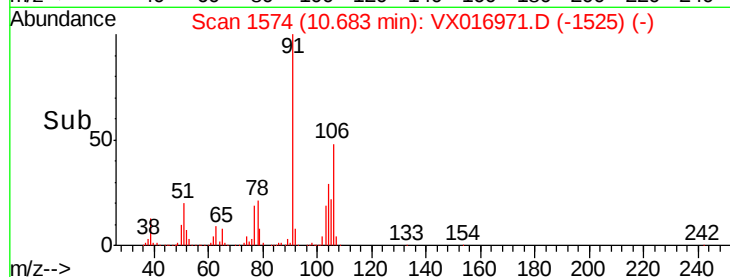
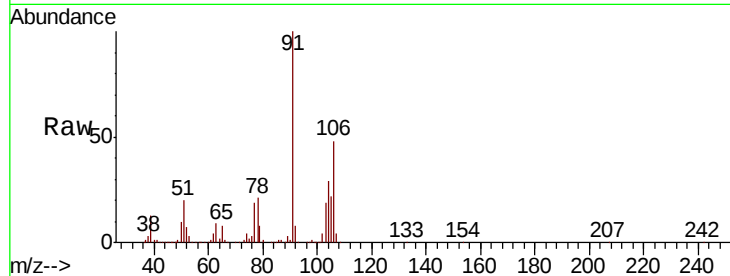
#69
o-Xylene
Concen: 19.265 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion:106 Resp: 82329
Ion Ratio Lower Upper
106 100
91 217.0 109.1 327.2

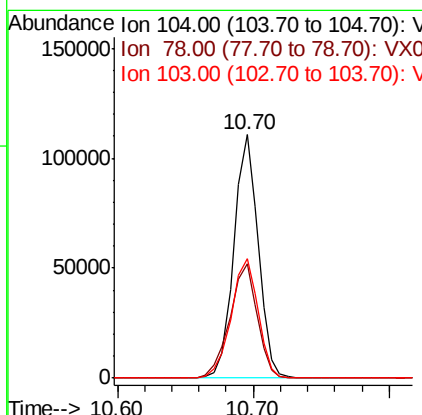
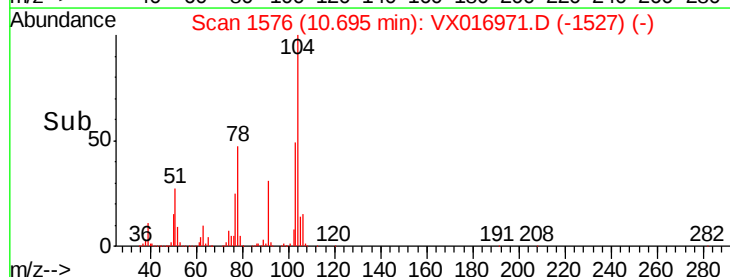
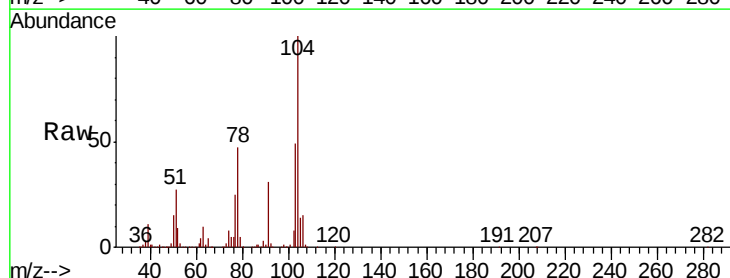
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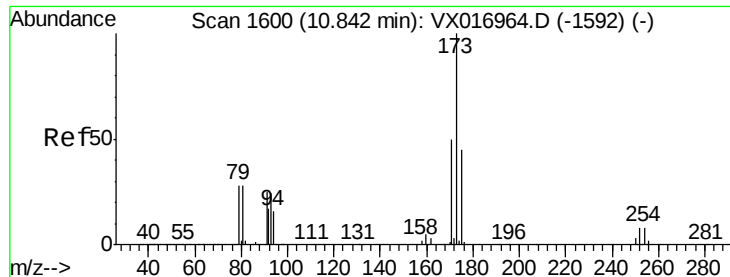
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#70
Styrene
Concen: 18.930 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion:104 Resp: 137808
Ion Ratio Lower Upper
104 100
78 53.2 41.9 62.9
103 54.5 43.9 65.9





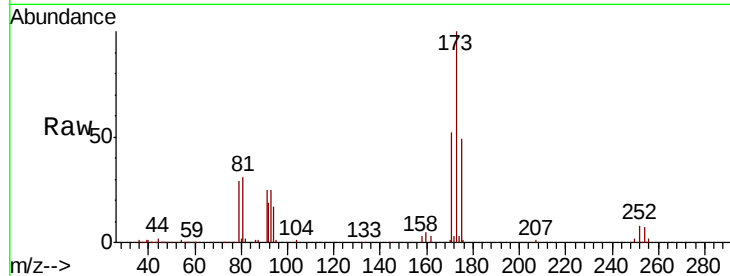
#71
Bromoform
Concen: 18.296 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.0	23.4	70.2
254	0.1	0.0	0.0

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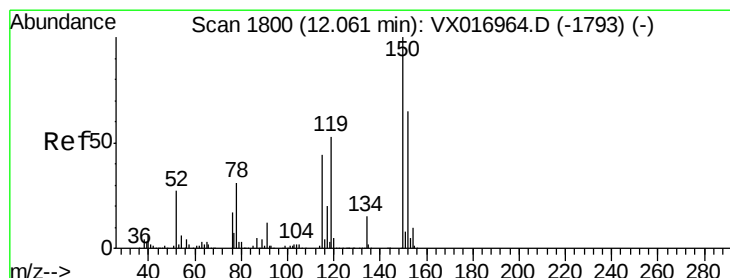
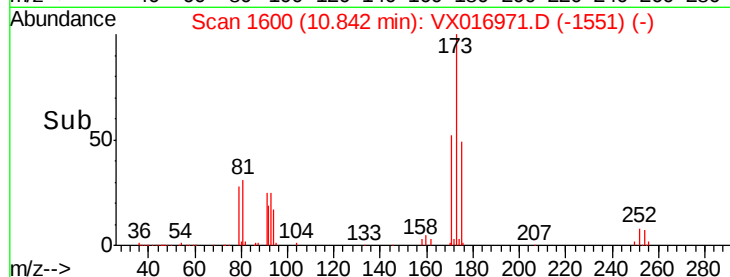
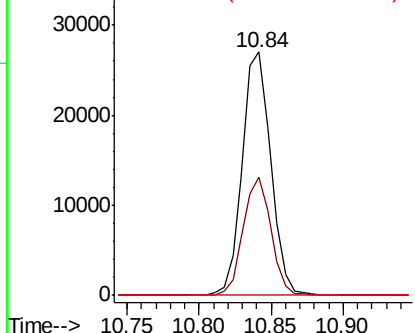


Abundance

Ion 172.70 (172.40 to 173.40): V

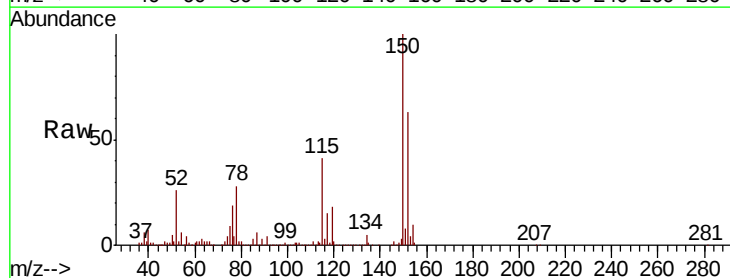
Ion 174.70 (174.40 to 175.40): V

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: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	72.2	42.8	128.4
150	166.2	0.0	347.8

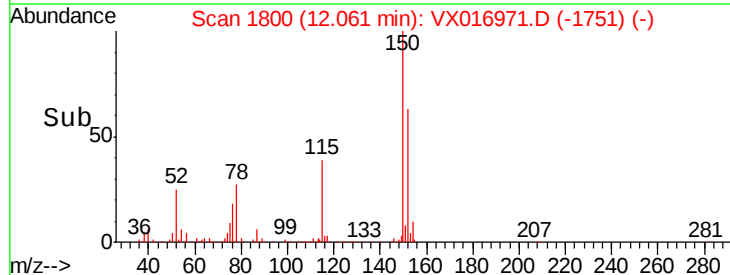
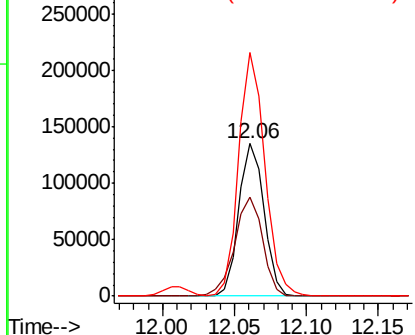


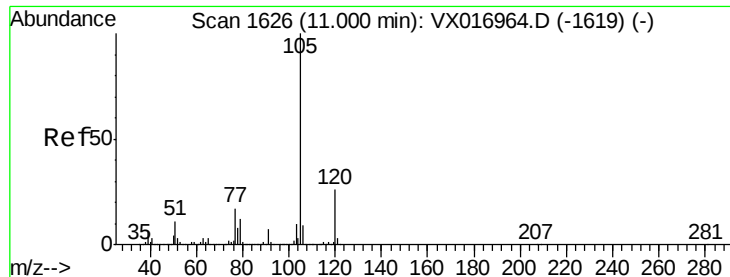
Abundance

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: 19.580 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 105 Resp: 222165

Ion Ratio Lower Upper

105 100

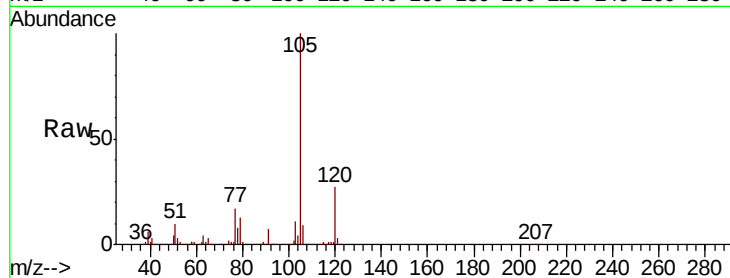
120 27.3 13.1 39.1

Manual Integrations

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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

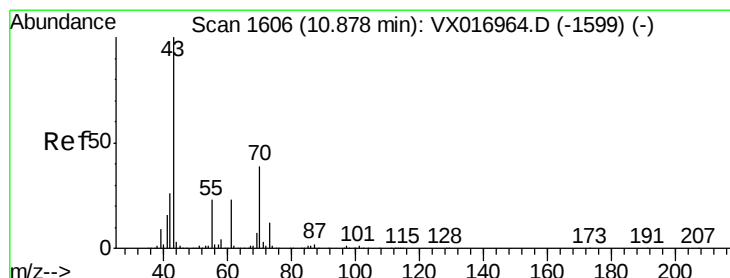
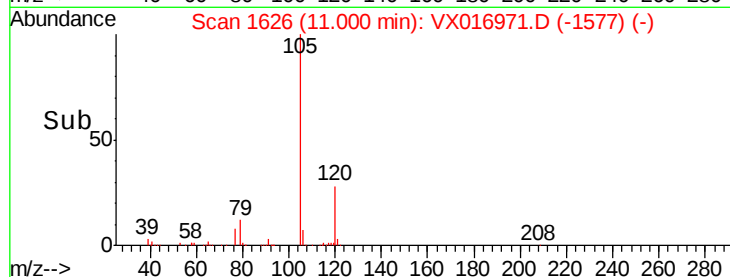
11.00

10.95

11.00

11.05

Time-->



#74

N-ethyl acetate

Concen: 18.651 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Tgt Ion: 43 Resp: 99795

Ion Ratio Lower Upper

43 100

70 41.8 32.1 48.1

55 23.6 18.6 28.0

61 23.0 18.8 28.2

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

50000

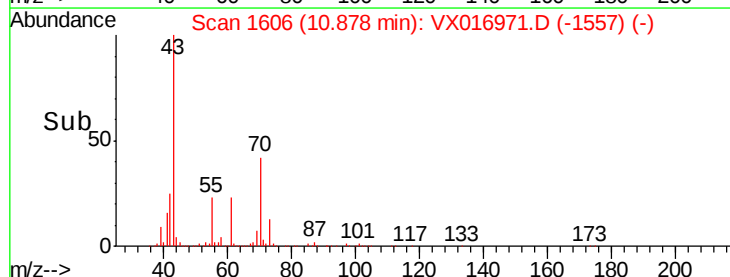
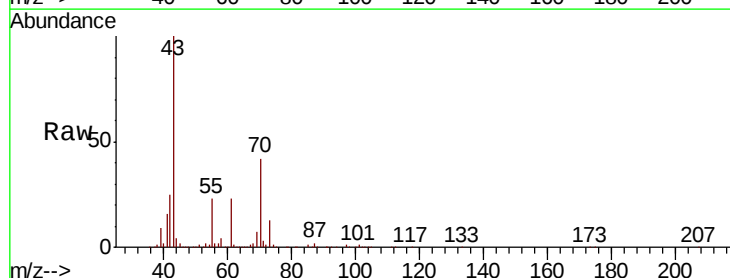
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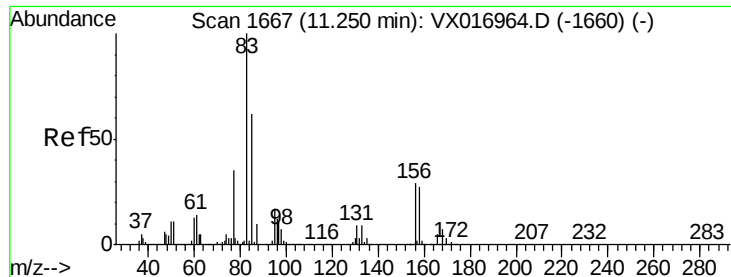
10.88

10.80

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.143 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

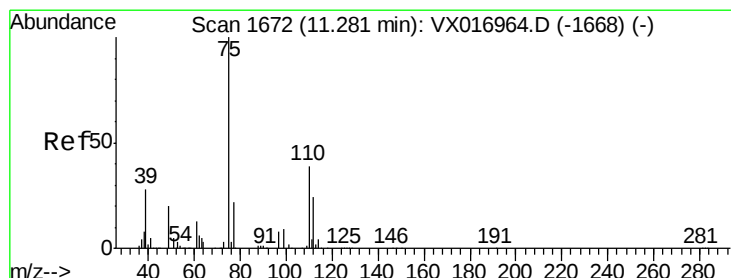
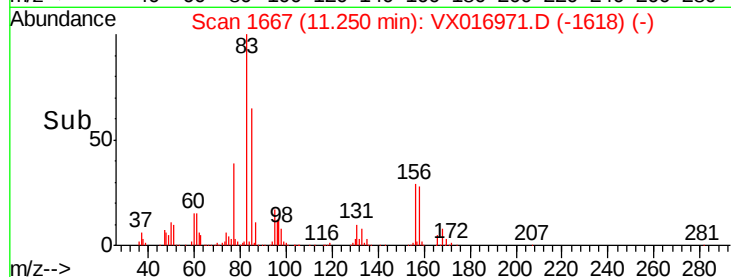
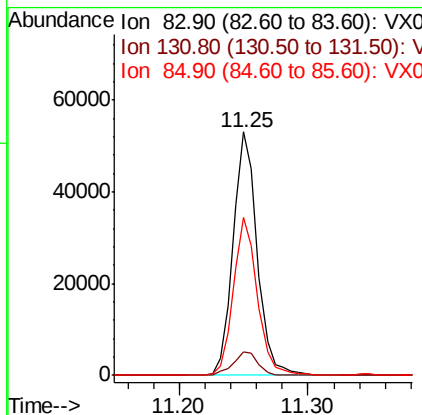
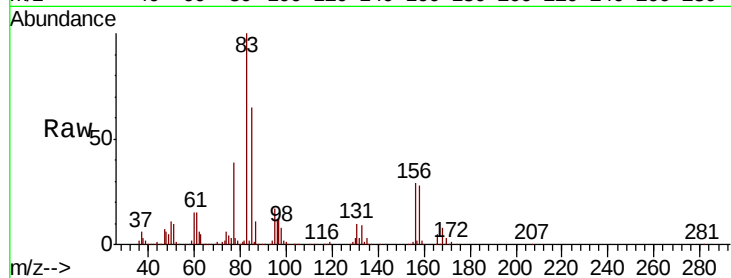
ClientSampleId :

VX0626WBS01

Tot Ion:	83	Resp:	69277
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.9	14.7
85	64.5	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.907 ug/l m

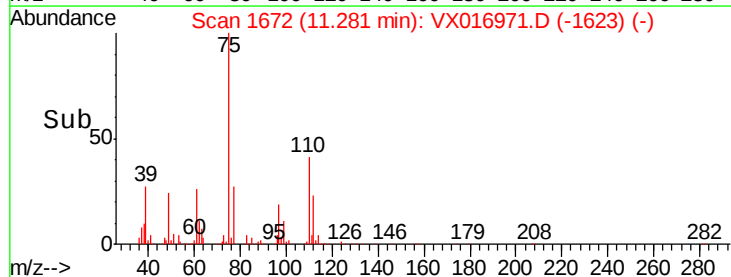
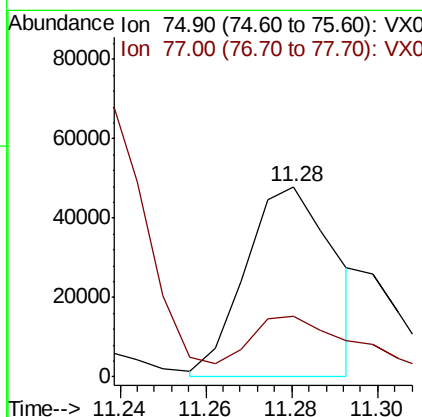
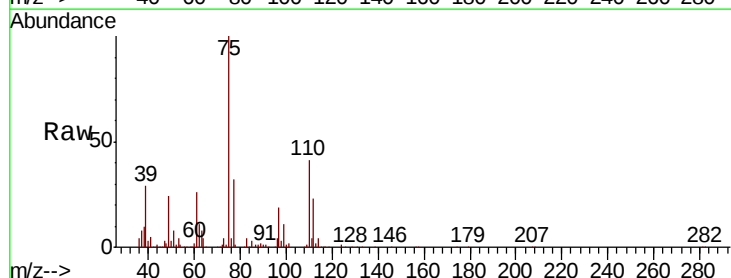
RT: 11.28 min Scan# 1672

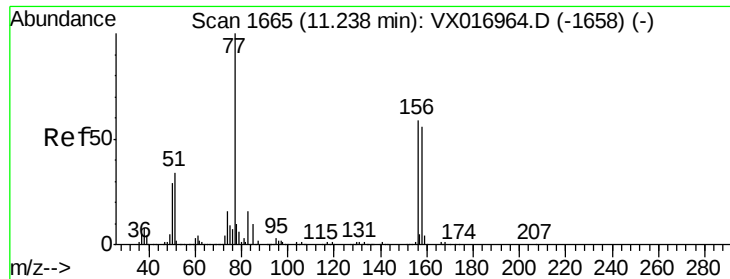
Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Tgt Ion:	75	Resp:	68844
Ion Ratio	Lower	Upper	
75	100		
77	39.0	20.3	61.0





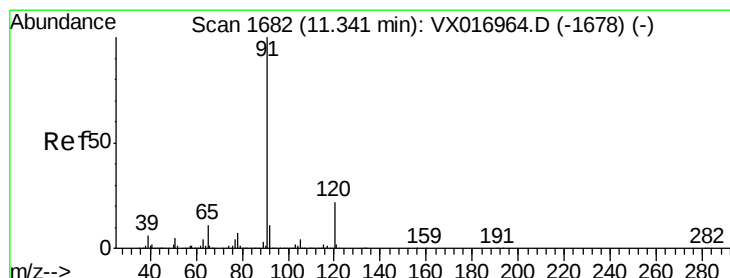
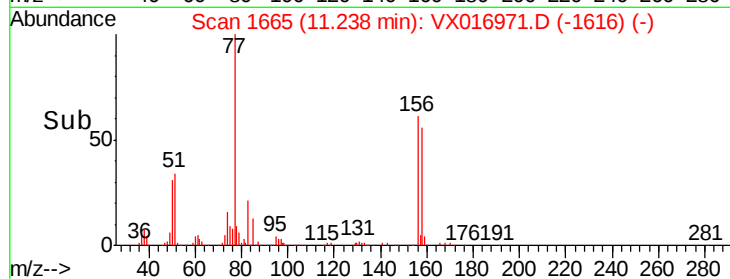
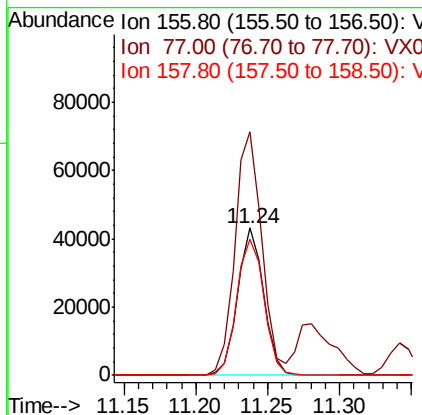
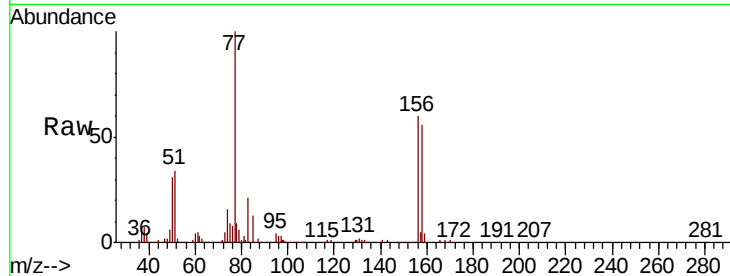
#77
Bromobenzene
Concen: 18.495 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	170.9	85.2	255.6
158	97.1	48.3	144.9

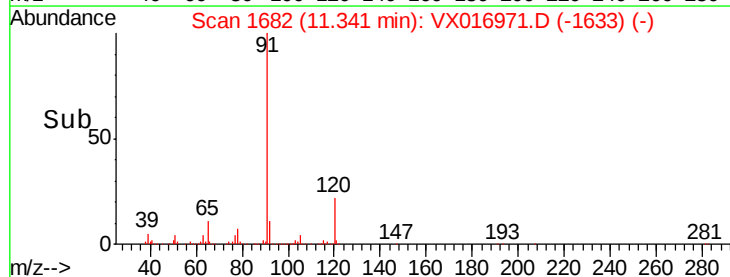
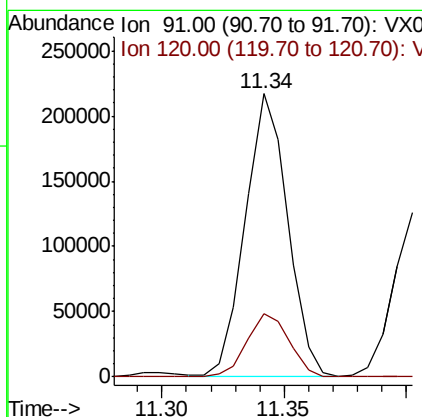
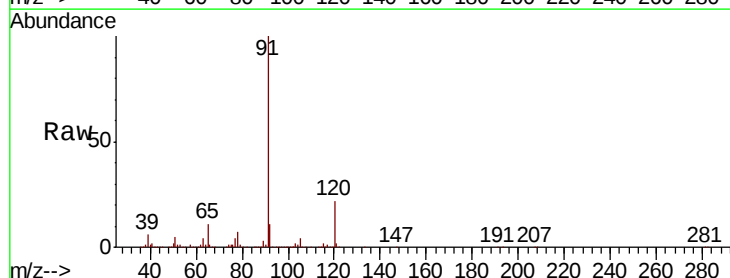
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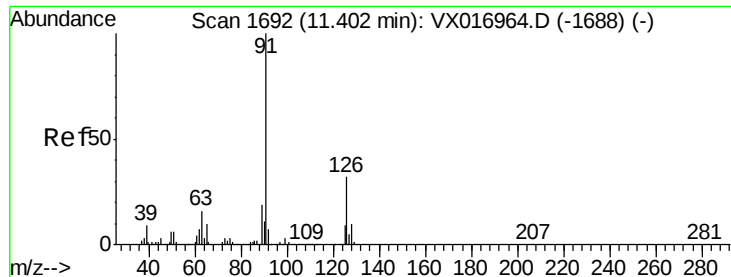
MMDadoda
6/29/2020 12:32:37 PM



#78
n-propylbenzene
Concen: 19.405 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.3	33.8





#79

2-Chlorotoluene

Concen: 18.970 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampled :

VX0626WBS01

Tot Ion: 91 Resp: 152771

Ion Ratio Lower Upper

91 100

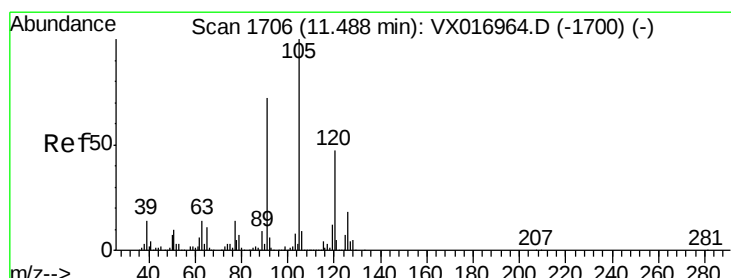
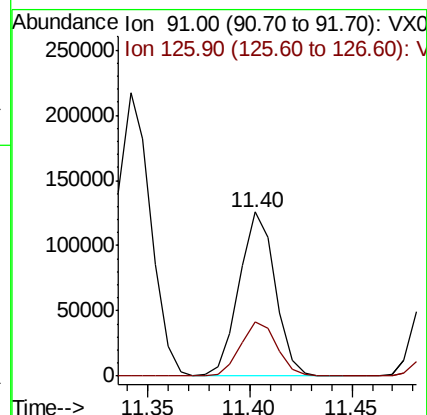
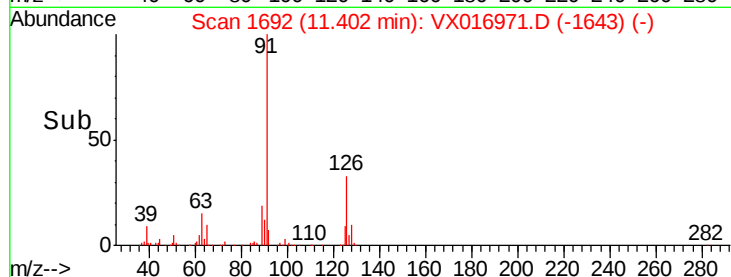
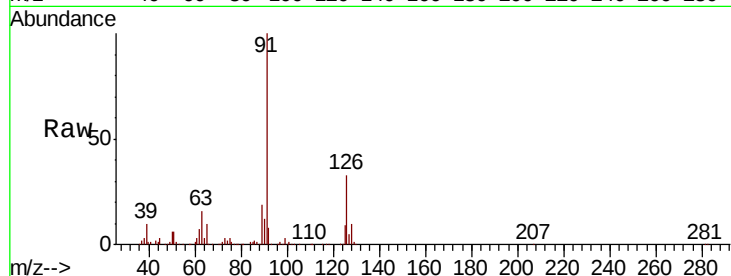
126 33.6 16.6 49.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.825 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016971.D

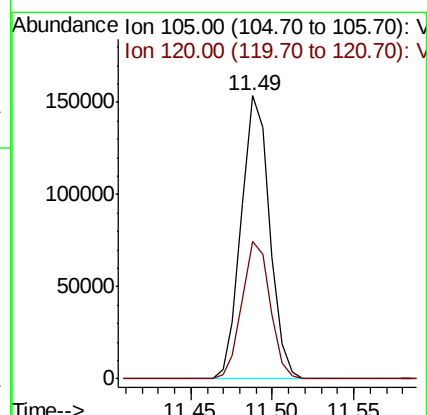
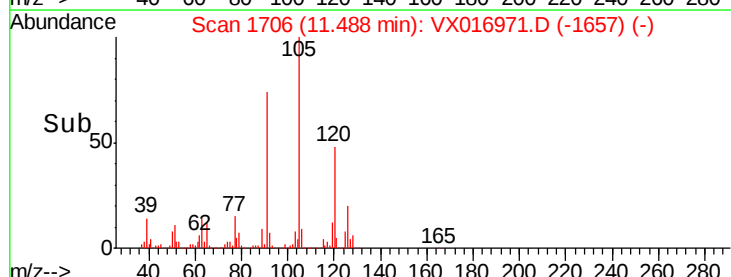
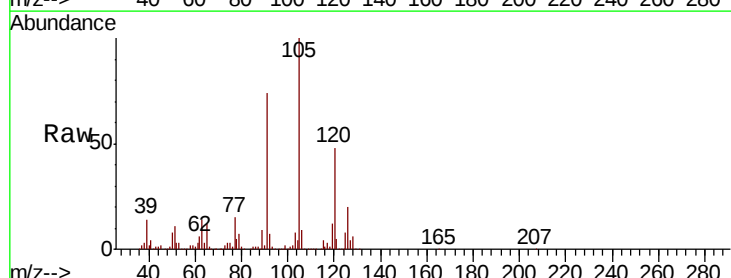
Acq: 26 Jun 2020 10:28

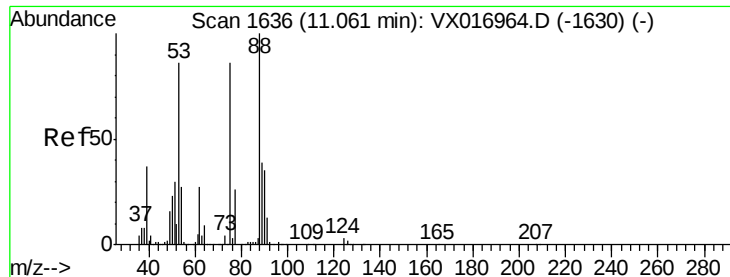
Tgt Ion: 105 Resp: 186967

Ion Ratio Lower Upper

105 100

120 48.5 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.620 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

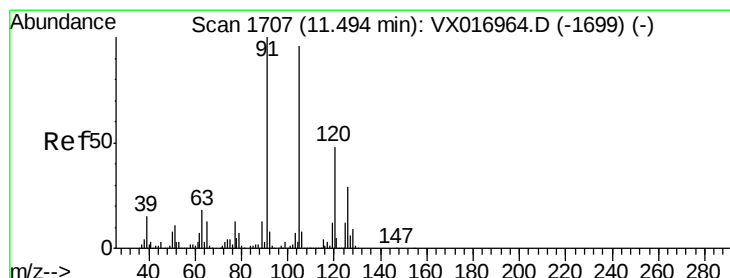
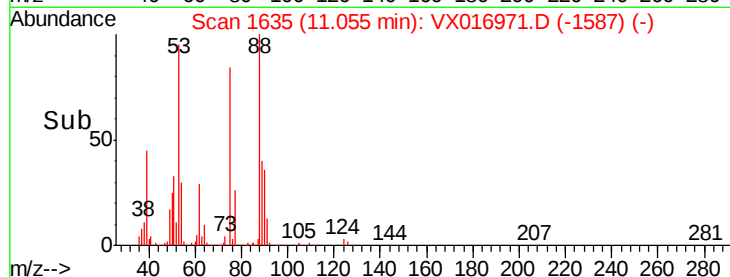
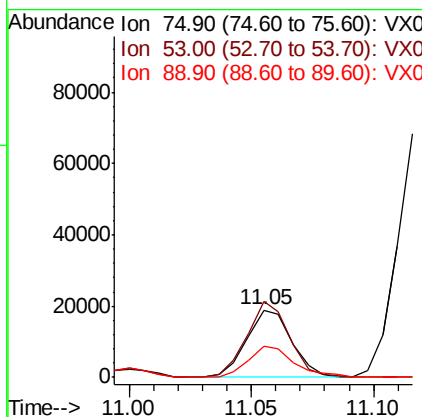
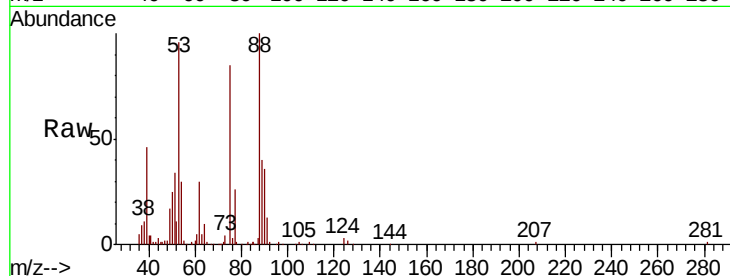
ClientSampleId :

VX0626WBS01

Tot Ion:	75	Resp:	24002
Ion	Ratio	Lower	Upper
75	100		
53	106.6	81.9	122.9
89	49.0	35.5	53.3

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#82

4-Chlorotoluene

Concen: 19.265 ug/l

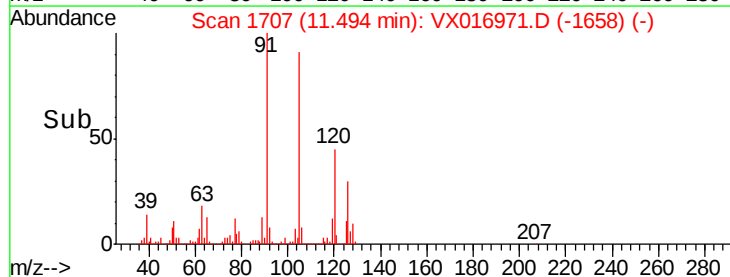
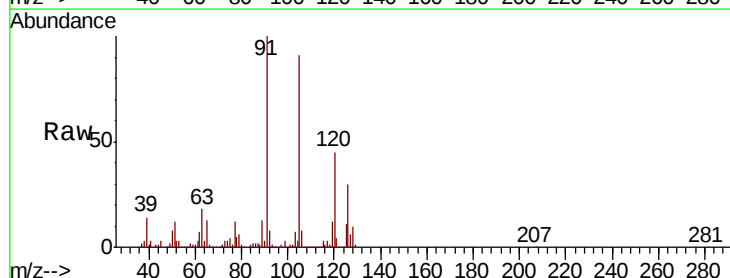
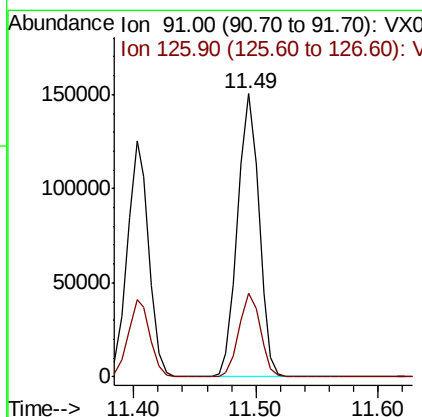
RT: 11.49 min Scan# 1707

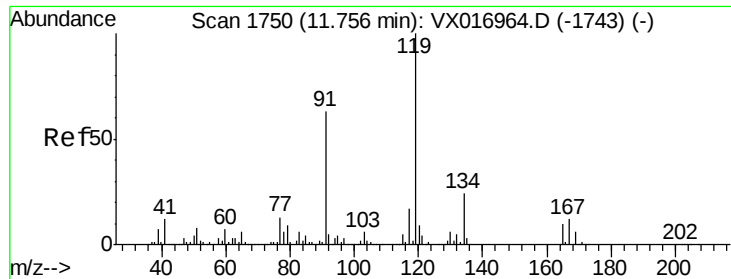
Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Tgt Ion:	91	Resp:	182593
Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.6	44.0





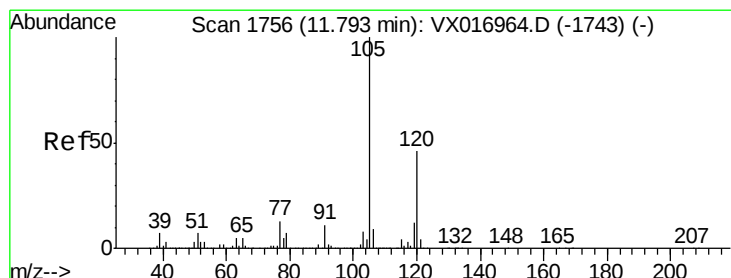
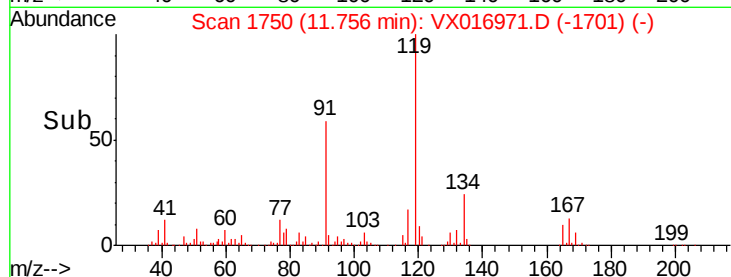
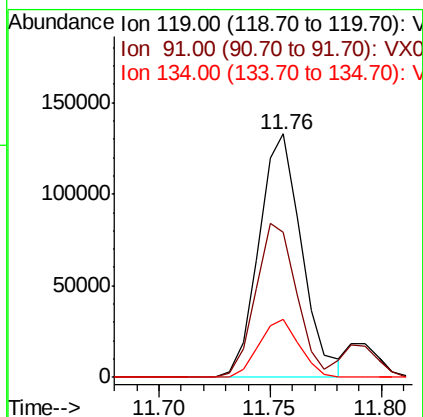
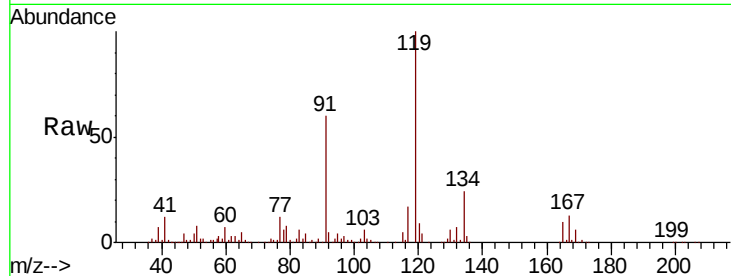
#83
 tert-Butylbenzene
 Concen: 19.339 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	177634		
91	60.6	30.0	90.0	
134	22.6	11.8	35.3	

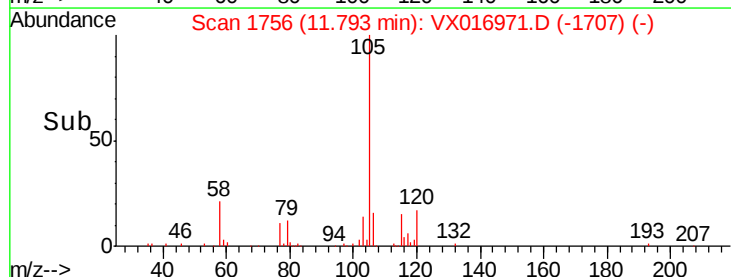
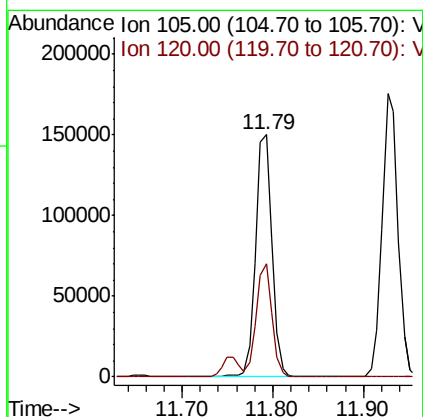
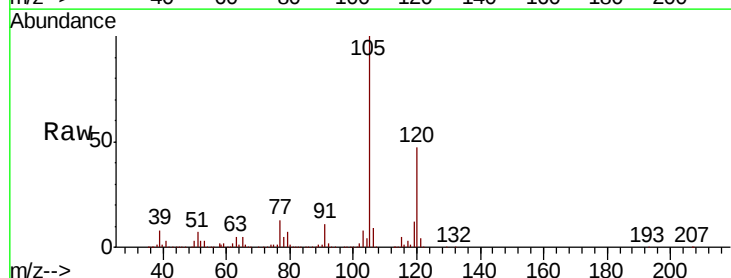
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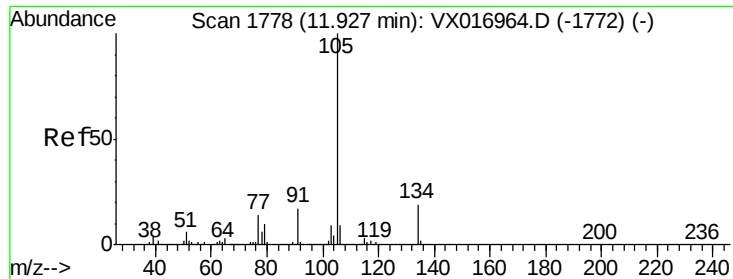
MMDadoda
 6/29/2020 12:32:37 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.688 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	187810		
120	44.6	22.4	67.3	





#85

sec-Butylbenzene

Concen: 19.821 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion:105 Resp: 212263

Ion Ratio Lower Upper

105 100

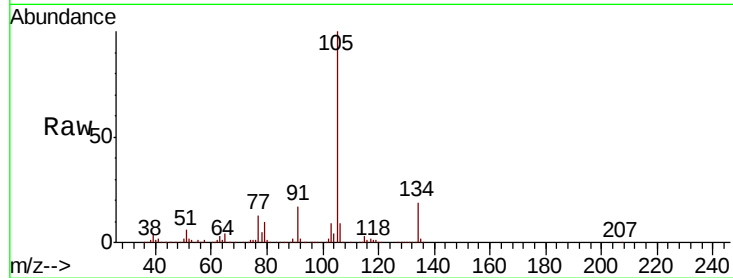
134 20.0 10.1 30.1

Manual Integrations

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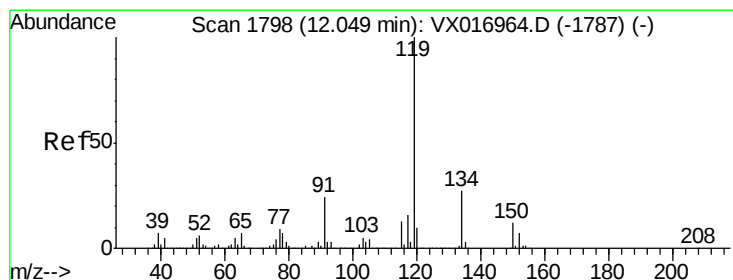
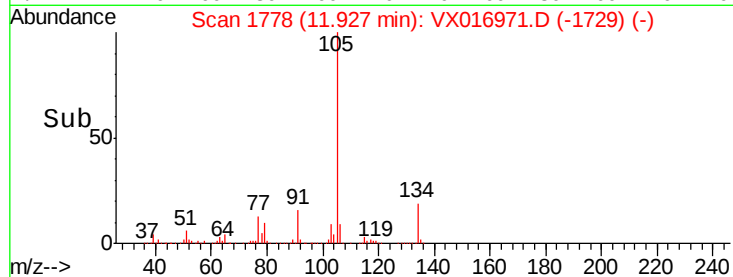
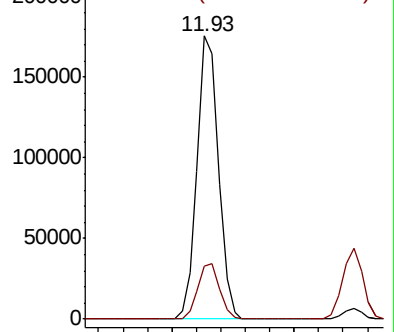
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.097 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016971.D

Acq: 26 Jun 2020 10:28

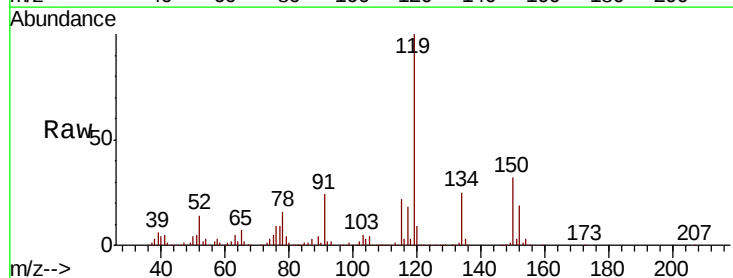
Tgt Ion:119 Resp: 196643

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

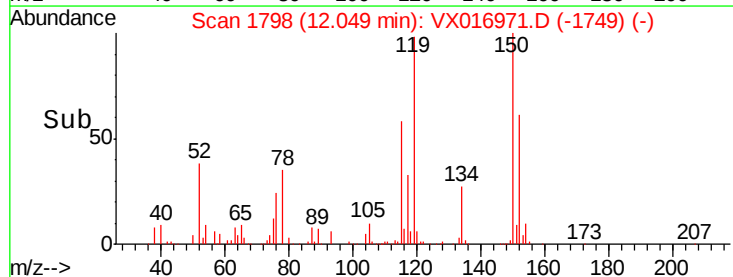
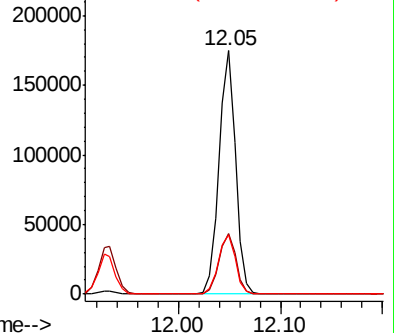
91 25.0 12.4 37.4

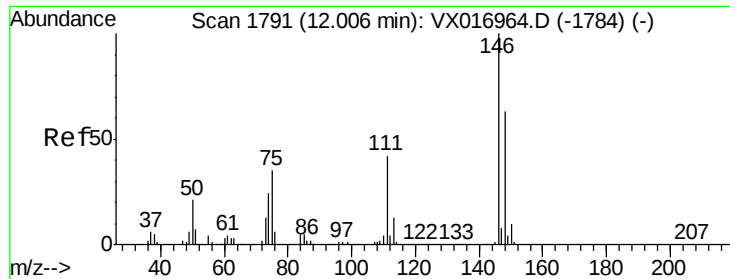


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





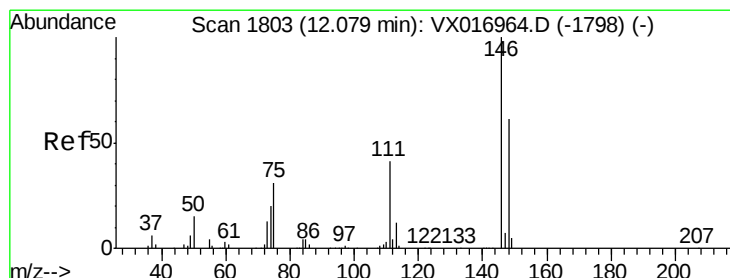
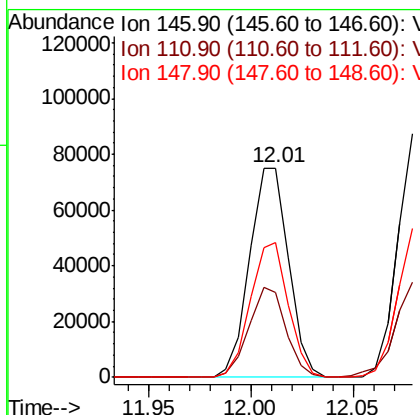
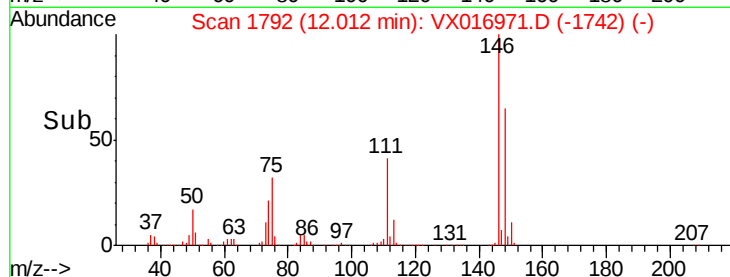
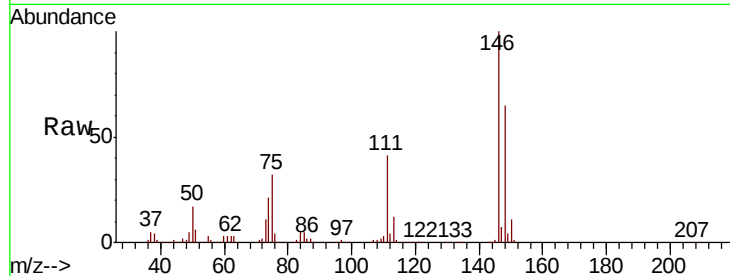
#87
 1,3-Dichlorobenzene
 Concen: 18.980 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.3	60.9
148	62.6	32.1	96.3

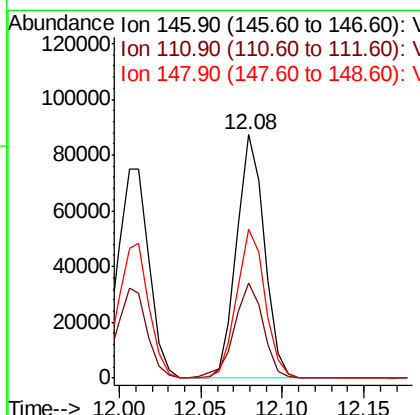
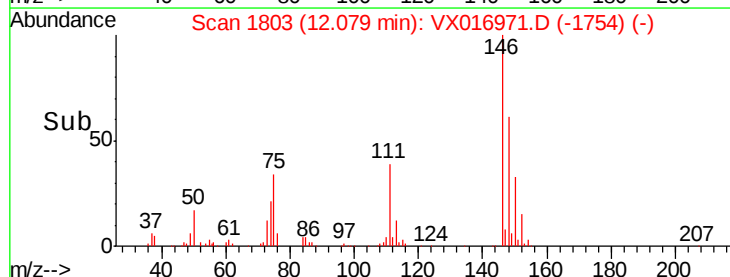
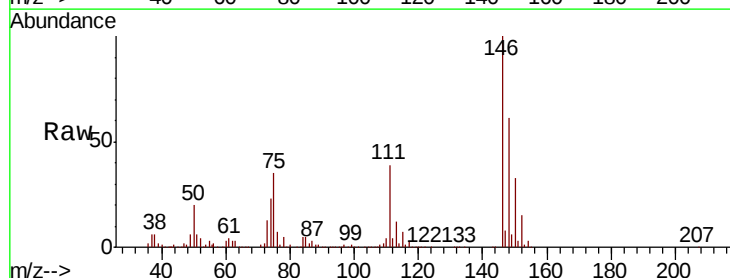
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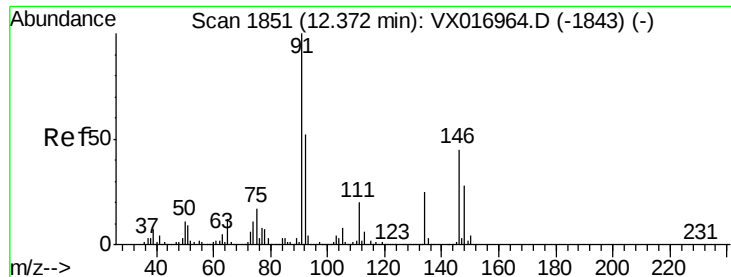
MMDadoda
 6/29/2020 12:32:37 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.167 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.9	59.7
148	63.1	31.3	93.9





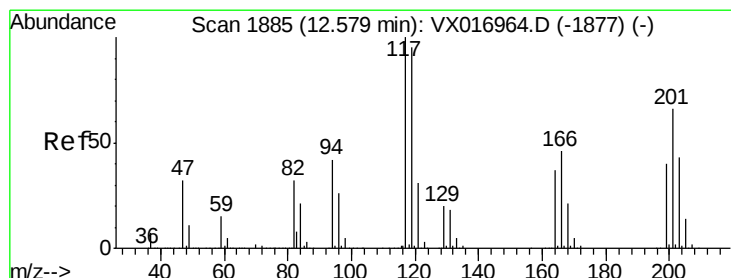
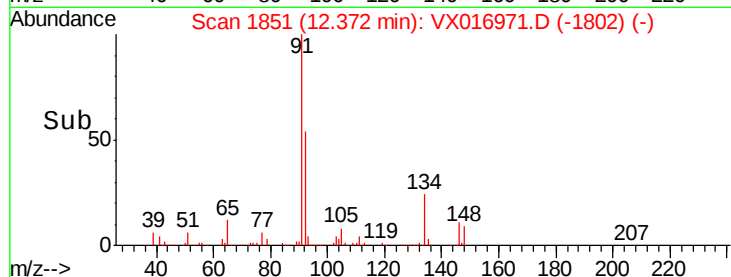
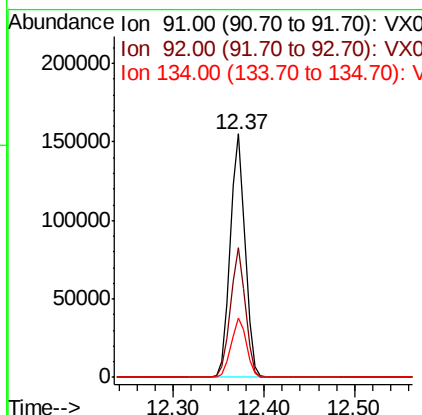
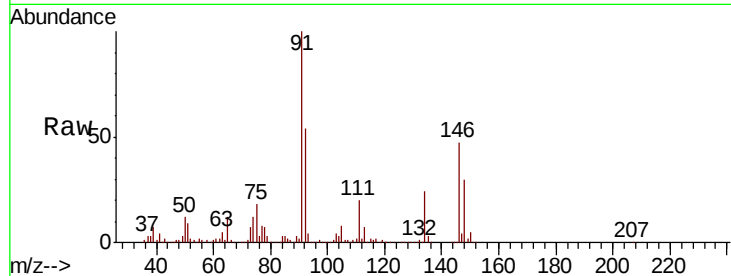
#89
n-Butylbenzene
Concen: 19.256 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.6	79.7
134	24.7	12.6	37.8

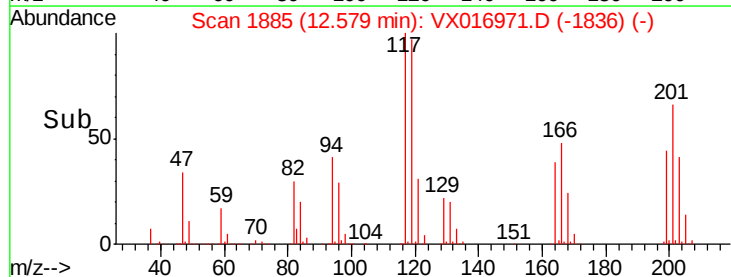
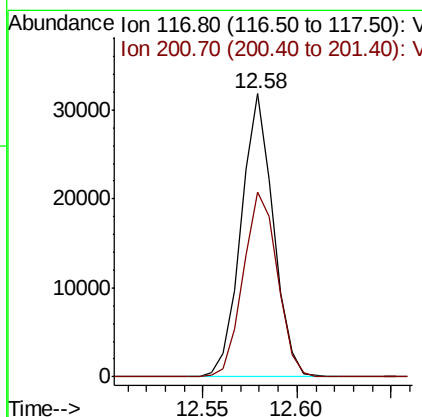
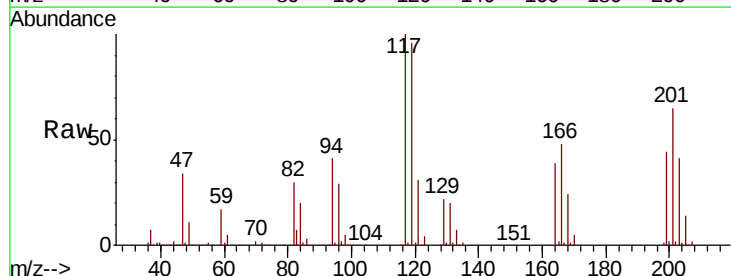
Manual Integrations
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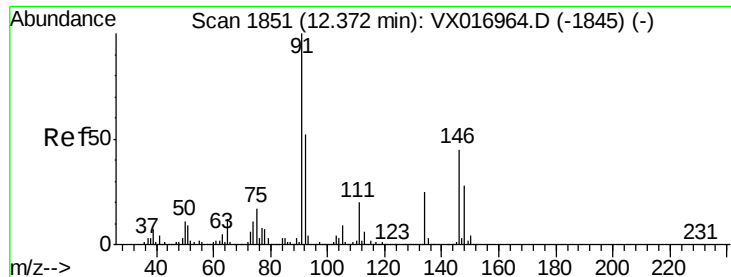
MMDadoda
6/29/2020 12:32:37 PM



#90
Hexachloroethane
Concen: 18.526 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.5	34.0	102.0





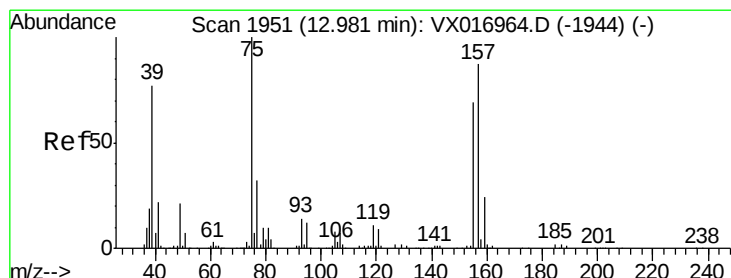
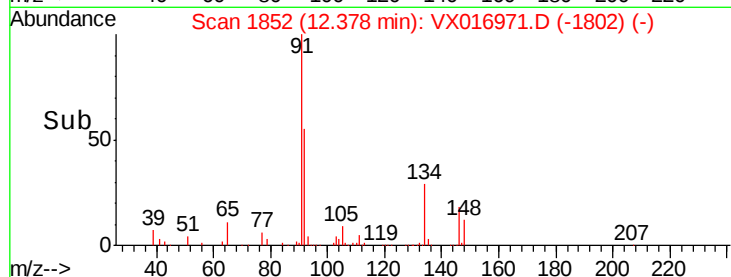
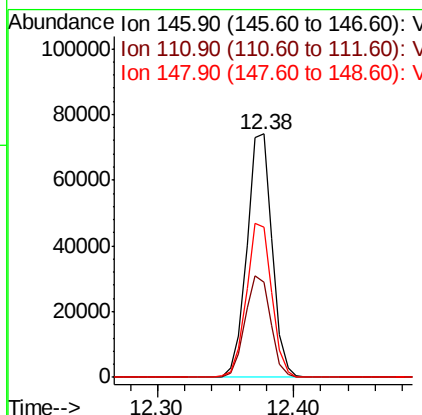
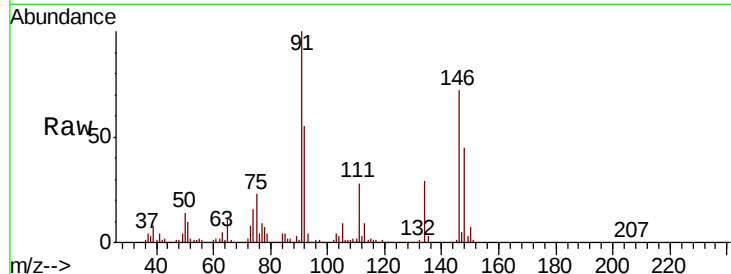
#91
 1,2-Dichlorobenzene
 Concen: 19.128 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	95750		
111	42.3	21.6	64.6	
148	63.5	31.9	95.7	

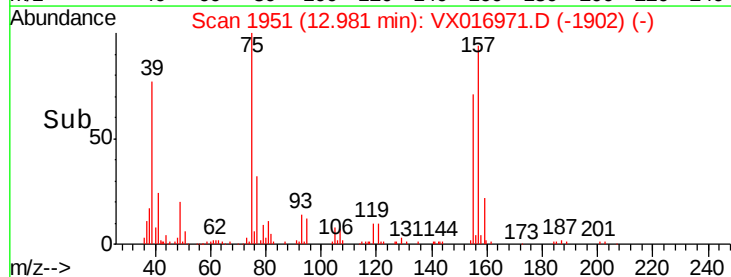
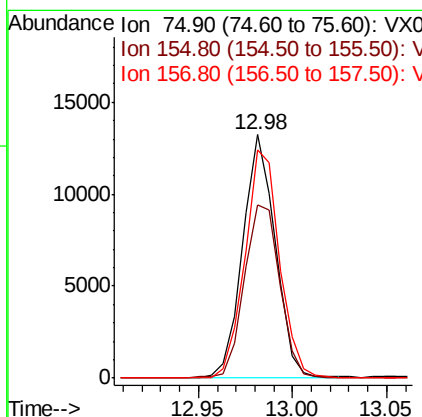
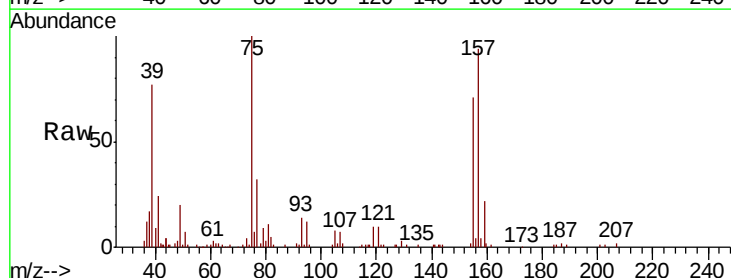
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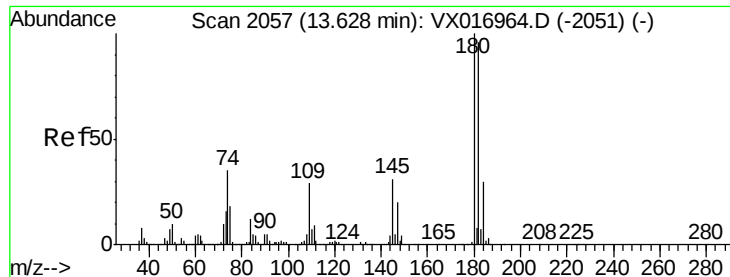
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.236 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	15933		
155	77.3	39.0	117.0	
157	98.9	50.0	150.1	





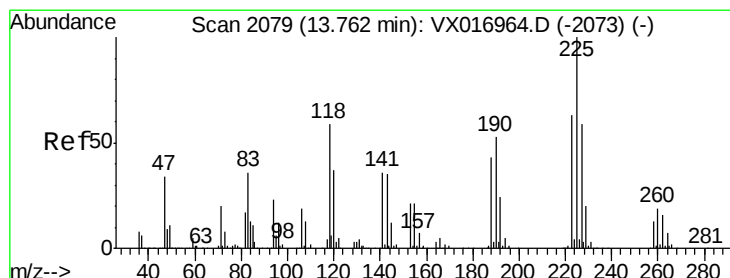
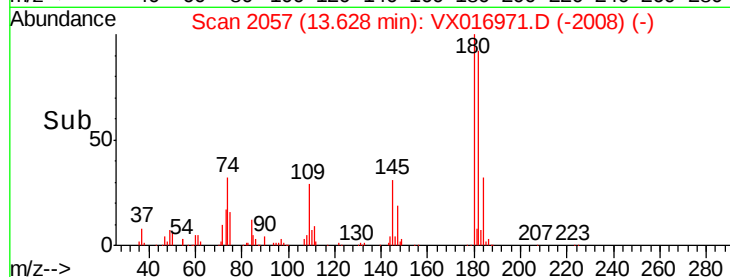
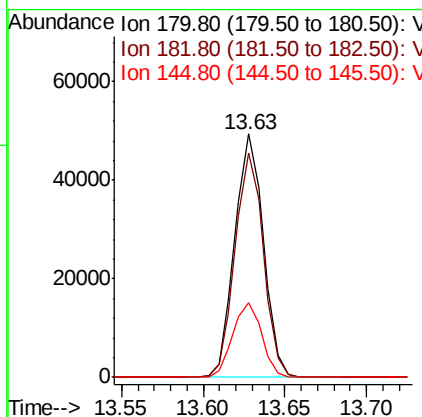
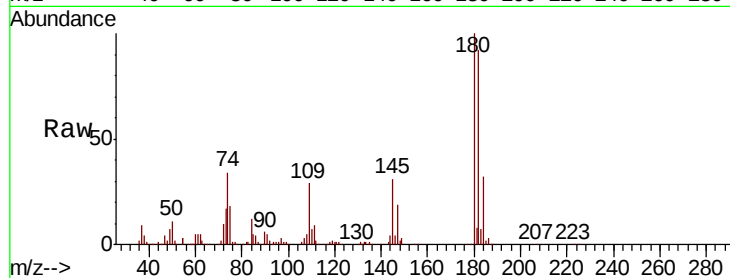
#93
 1,2,4-Trichlorobenzene
 Concen: 18.627 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	60759		
182	91.1	46.4	139.1	
145	31.0	15.5	46.5	

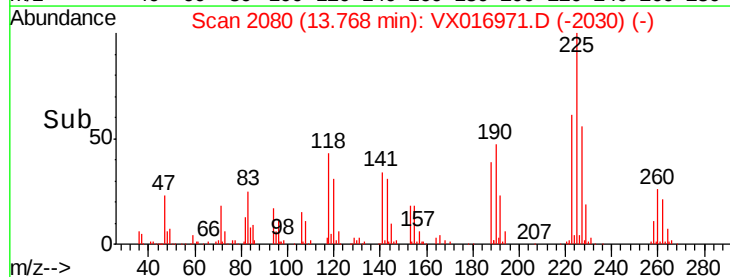
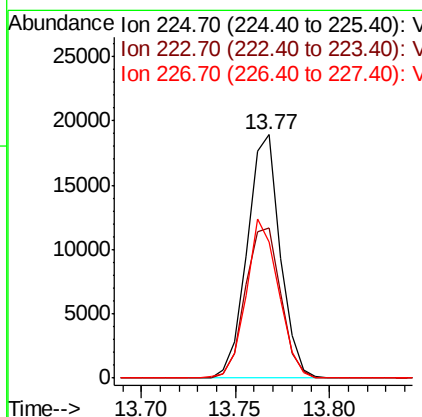
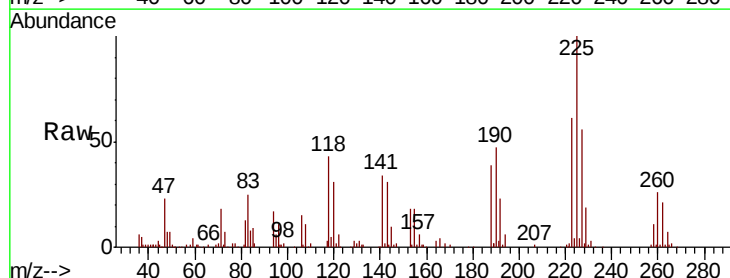
Manual Integrations
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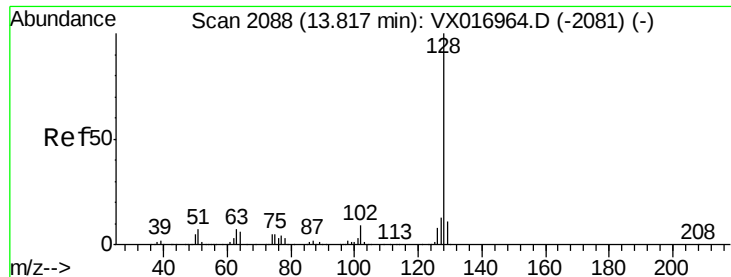
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#94
 Hexachlorobutadiene
 Concen: 19.643 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX016971.D
 Acq: 26 Jun 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	23019		
223	66.4	31.1	93.2	
227	64.0	30.3	90.9	





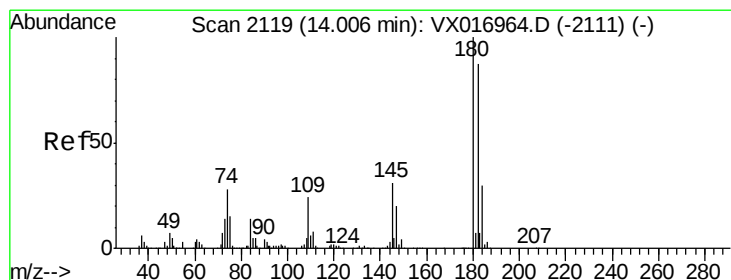
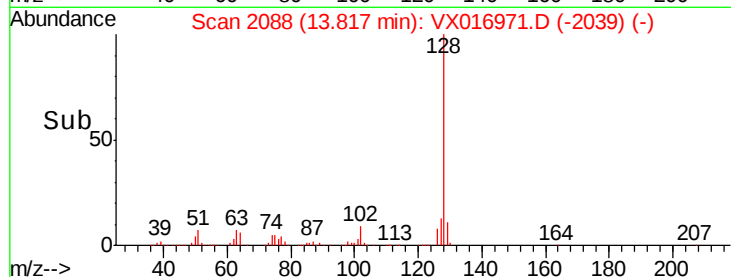
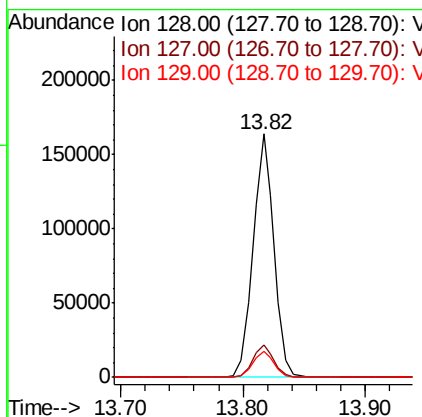
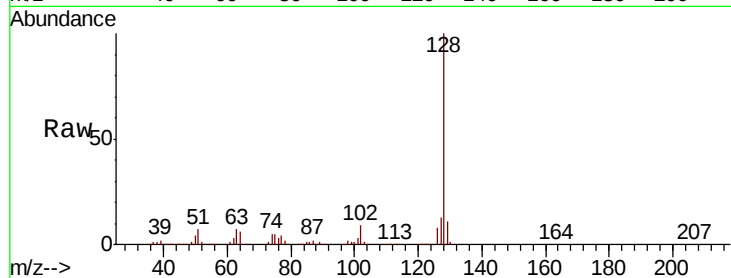
#95
Naphthalene
Concen: 18.171 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 19.285 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016971.D
Acq: 26 Jun 2020 10:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.0	47.8	143.3
145	32.0	16.9	50.6

