

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016815.D
 Acq On : 17 Jun 2020 14:44
 Operator : JC/SP
 Sample : VX0617WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 11:15:57 AM

Quant Time: Jun 18 01:12:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	308819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	466990	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	433424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	236906	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	167807	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	5.46	113	141500	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	8.70	98	600022	56.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.96%	
62) 4-Bromofluorobenzene	11.12	95	204426	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	77952	22.423	ug/l	99
3) Chloromethane	1.31	50	68739	20.390	ug/l	99
4) Vinyl Chloride	1.39	62	85719	23.830	ug/l	99
5) Bromomethane	1.63	94	54256	24.287	ug/l	99
6) Chloroethane	1.71	64	51718	23.341	ug/l	95
7) Trichlorofluoromethane	1.92	101	112478	21.711	ug/l	99
8) Diethyl Ether	2.17	74	45138	21.336	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	64484	24.465	ug/l	96
10) Methyl Iodide	2.49	142	52617	15.971	ug/l	97
11) Tert butyl alcohol	3.00	59	76109	87.217	ug/l	99
12) 1,1-Dichloroethene	2.36	96	65582	21.728	ug/l	95
13) Acrolein	2.27	56	32448	88.829	ug/l	97
14) Allyl chloride	2.71	41	88983	18.849	ug/l	98
15) Acrylonitrile	3.11	53	162719	91.893	ug/l	99
16) Acetone	2.42	43	149936	95.158	ug/l	98
17) Carbon Disulfide	2.55	76	156314	18.083	ug/l	99
18) Methyl Acetate	2.75	43	83411	19.833	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	189801	18.450	ug/l	96
20) Methylene Chloride	2.83	84	63262	18.640	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	61081	18.832	ug/l	100
22) Diisopropyl ether	3.82	45	176354	19.888	ug/l	92
23) Vinyl Acetate	3.78	43	721452	94.133	ug/l	99
24) 1,1-Dichloroethane	3.67	63	105244	18.977	ug/l	99
25) 2-Butanone	4.63	43	219285	92.343	ug/l	98
26) 2,2-Dichloropropane	4.55	77	93678	18.242	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	69069	18.631	ug/l	98
28) Bromochloromethane	4.98	49	45182	19.098	ug/l	97
29) Tetrahydrofuran	5.08	42	143368	93.197	ug/l	99
30) Chloroform	5.17	83	107581	18.335	ug/l	100
31) Cyclohexane	5.55	56	90671	20.716	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	99444	18.678	ug/l	100
36) 1,1-Dichloropropene	5.77	75	81681	19.792	ug/l	99
37) Ethyl Acetate	4.79	43	84763	18.755	ug/l	99
38) Carbon Tetrachloride	5.75	117	89846	19.170	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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 ClientSampleId :
 VX0617WBS01

Manual Integrations
 APPROVED

MMDadoda
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Quant Time: Jun 18 01:12:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	109248	23.347	ug/l	97
40) Benzene	6.11	78	244365	19.448	ug/l	99
41) Methacrylonitrile	4.99	41	45522	18.891	ug/l	98
42) 1,2-Dichloroethane	6.16	62	84349	18.393	ug/l	99
43) Isopropyl Acetate	6.41	43	135282	19.099	ug/l	99
44) Trichloroethene	7.18	130	80174	20.628	ug/l	100
45) 1,2-Dichloropropane	7.49	63	72637	23.582	ug/l	98
46) Dibromomethane	7.64	93	45361	20.206	ug/l	99
47) Bromodichloromethane	7.87	83	100457	21.464	ug/l	99
48) Methyl methacrylate	7.74	41	75208	22.402	ug/l	96
49) 1,4-Dioxane	7.71	88	37338	449.417	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	488527	111.925	ug/l	100
52) Toluene	8.76	92	170090	20.840	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	96847	18.320	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	118657	21.519	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	63333	19.295	ug/l	98
56) Ethyl methacrylate	9.16	69	94988	19.329	ug/l	99
57) 1,3-Dichloropropane	9.35	76	105043	19.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	282081	116.739	ug/l	97
59) 2-Hexanone	9.47	43	321298	95.356	ug/l	99
60) Dibromochloromethane	9.56	129	71544	18.443	ug/l	98
61) 1,2-Dibromoethane	9.65	107	67462	18.859	ug/l	99
64) Tetrachloroethene	9.32	164	91621	22.014	ug/l	97
65) Chlorobenzene	10.12	112	169453	19.268	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	65186	18.580	ug/l	99
67) Ethyl Benzene	10.23	91	292556	19.677	ug/l	99
68) m/p-Xylenes	10.34	106	225516	40.006	ug/l	100
69) o-Xylene	10.68	106	106531	19.616	ug/l	100
70) Styrene	10.70	104	182832	19.475	ug/l	99
71) Bromoform	10.84	173	57104	19.076	ug/l #	95
73) Isopropylbenzene	11.00	105	283615	18.245	ug/l	100
74) N-amyl acetate	10.88	43	109499	18.124	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	71446	15.624	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	93968m	18.861	ug/l	
77) Bromobenzene	11.24	156	76937	17.529	ug/l	99
78) n-propylbenzene	11.34	91	329582	19.523	ug/l	100
79) 2-Chlorotoluene	11.40	91	213664	20.015	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	266052	20.417	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	32248	16.295	ug/l	97
82) 4-Chlorotoluene	11.49	91	256069	20.493	ug/l	98
83) tert-Butylbenzene	11.76	119	238283	19.984	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	267471	20.291	ug/l	100
85) sec-Butylbenzene	11.93	105	291231	20.881	ug/l	100
86) p-Isopropyltoluene	12.05	119	272769	20.383	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	147774	19.915	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	154349	20.058	ug/l	99
89) n-Butylbenzene	12.37	91	215088	19.470	ug/l	99
90) Hexachloroethane	12.58	117	42434	17.195	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	133917	18.047	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20351	15.915	ug/l	98

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Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

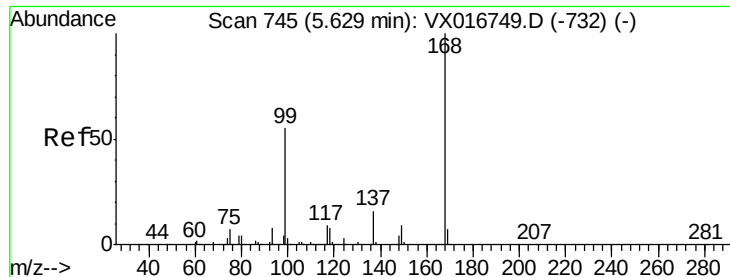
Manual Integrations
APPROVED

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Quant Time: Jun 18 01:12:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	89307	17.186	ug/l	98
94) Hexachlorobutadiene	13.77	225	39419	17.509	ug/l	98
95) Naphthalene	13.82	128	278784	17.125	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	87770	17.160	ug/l	99

(#) = 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: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion:168 Resp: 308819

Ion Ratio Lower Upper

168 100

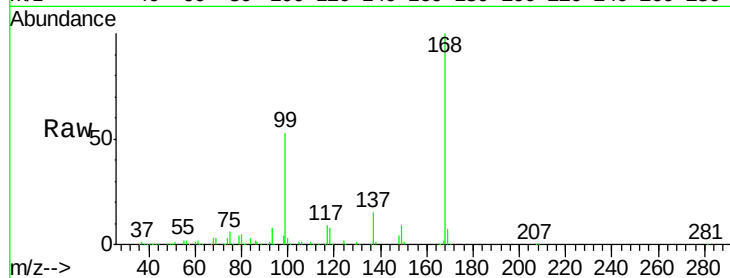
99 52.5 43.8 65.6

Manual Integrations

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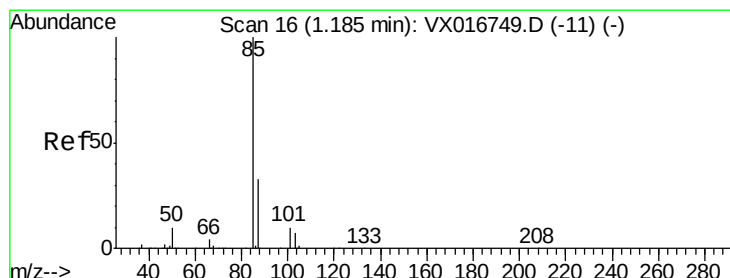
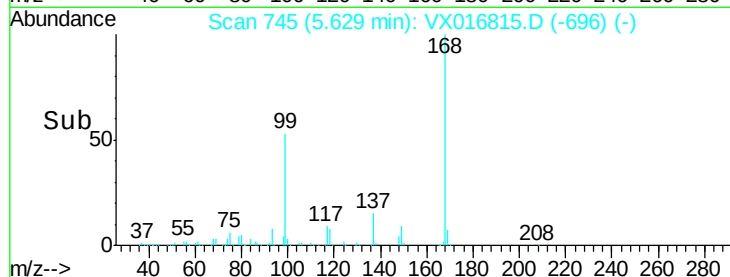
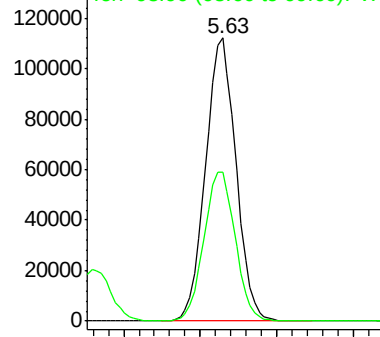
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 22.423 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016815.D

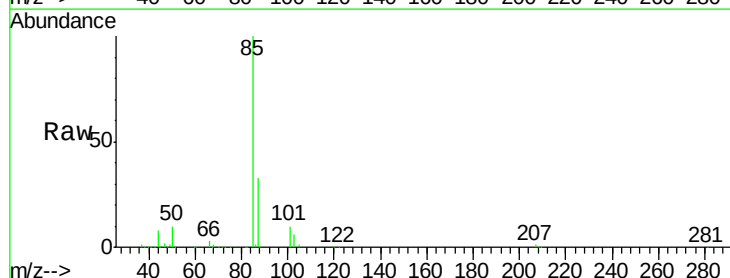
Acq: 17 Jun 2020 14:44

Tgt Ion: 85 Resp: 77952

Ion Ratio Lower Upper

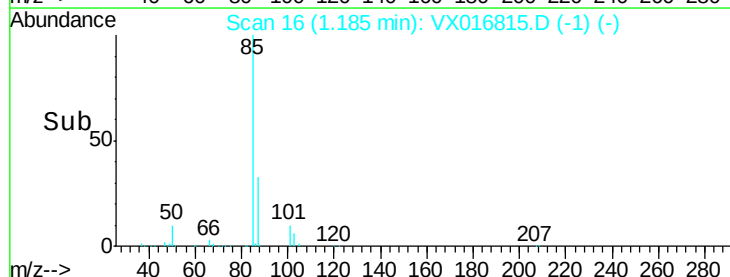
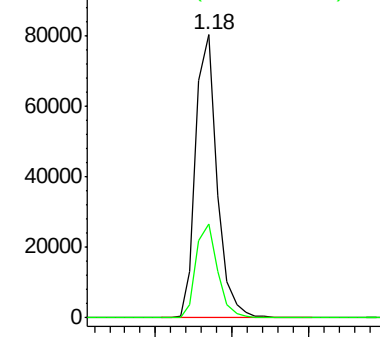
85 100

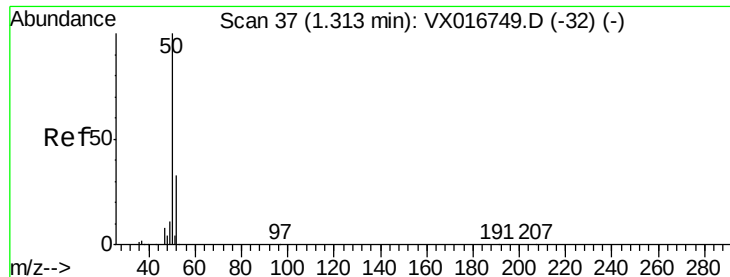
87 33.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.390 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion: 50 Resp: 68739

Ion Ratio Lower Upper

50 100

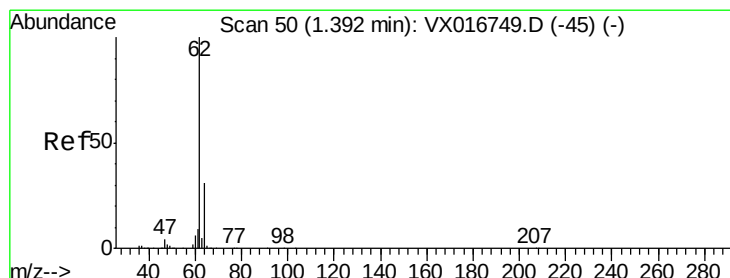
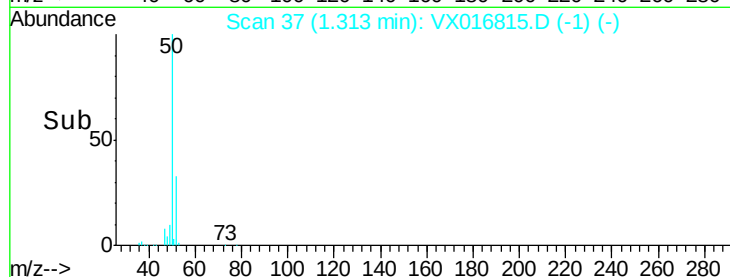
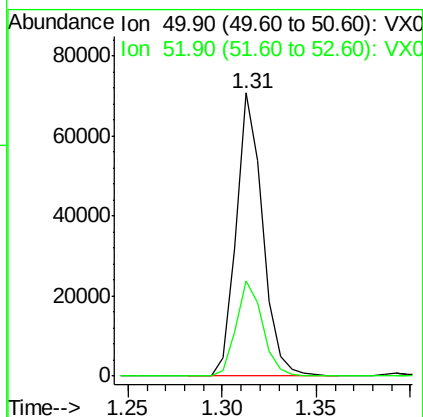
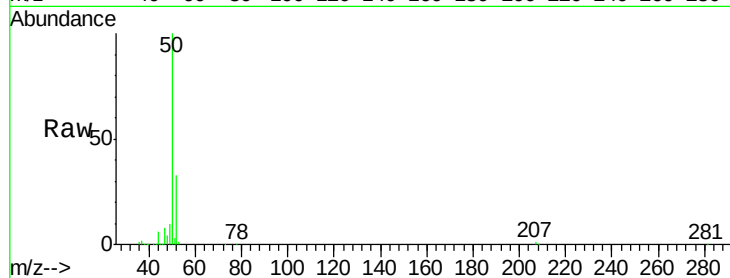
52 33.4 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 23.830 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016815.D

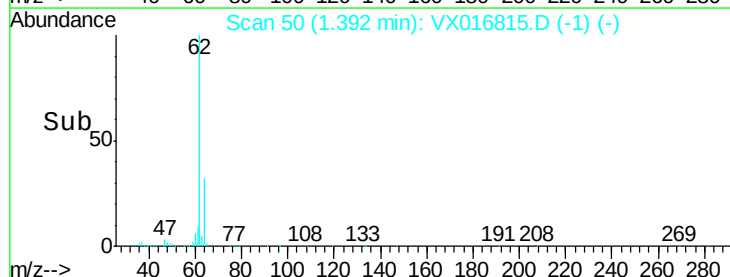
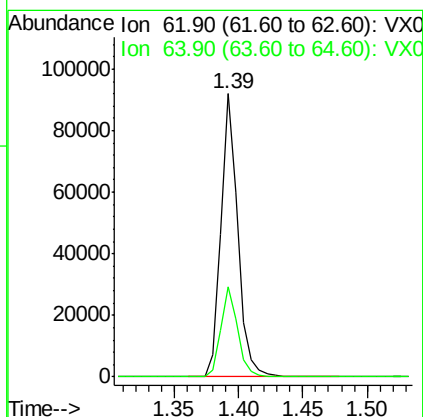
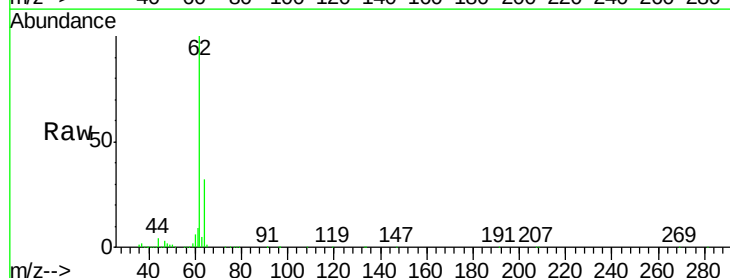
Acq: 17 Jun 2020 14:44

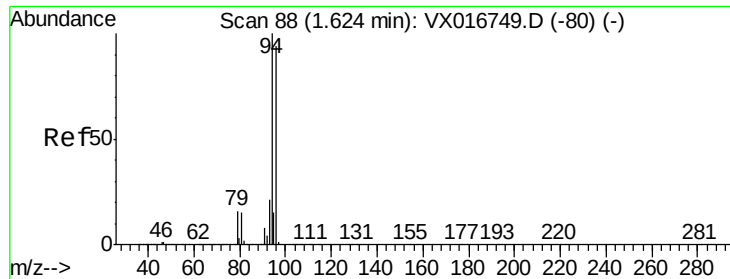
Tgt Ion: 62 Resp: 85719

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#5

Bromomethane

Concen: 24.287 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion: 94 Resp: 54256

Ion Ratio Lower Upper

94 100

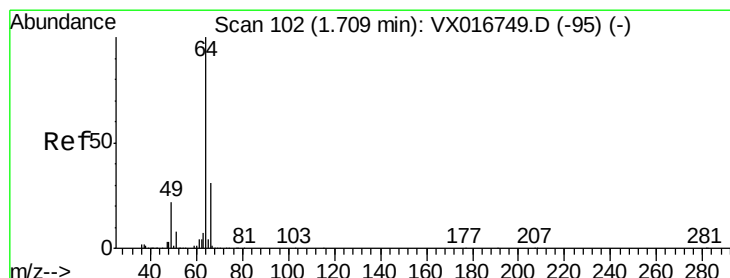
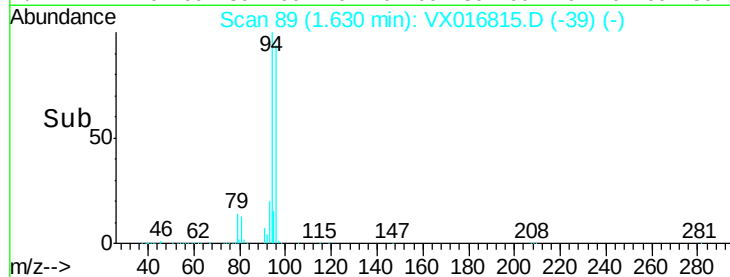
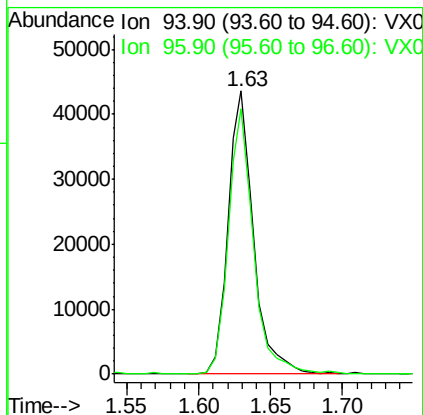
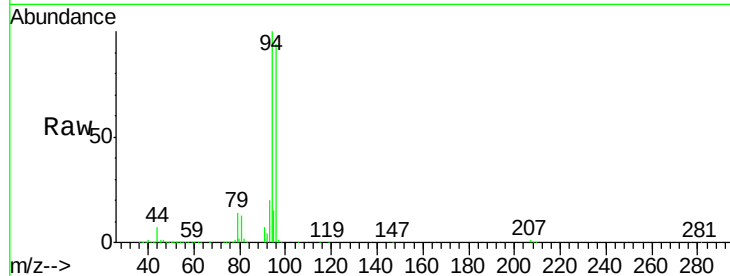
96 93.3 75.4 113.0

Manual Integrations

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#6

Chloroethane

Concen: 23.341 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016815.D

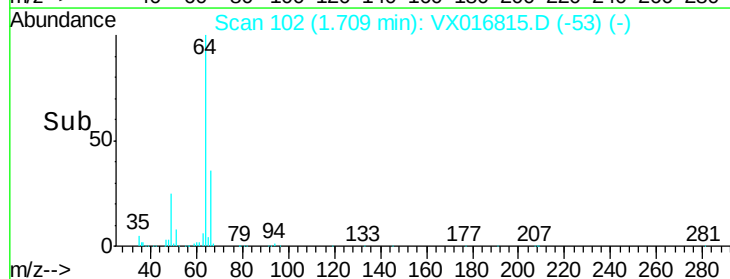
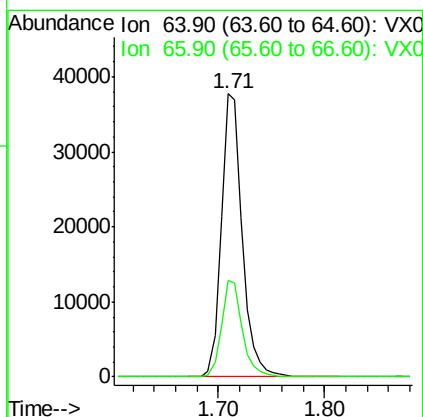
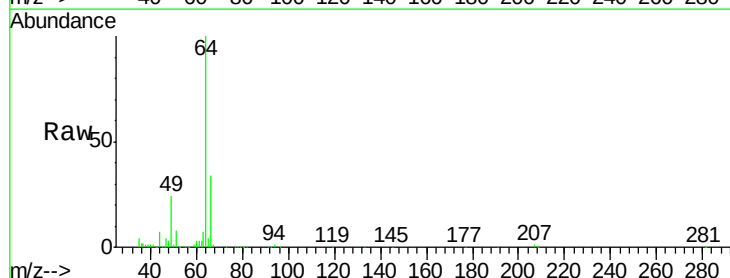
Acq: 17 Jun 2020 14:44

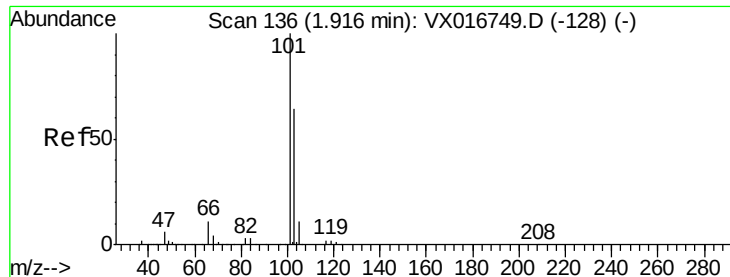
Tgt Ion: 64 Resp: 51718

Ion Ratio Lower Upper

64 100

66 34.2 25.0 37.6





#7

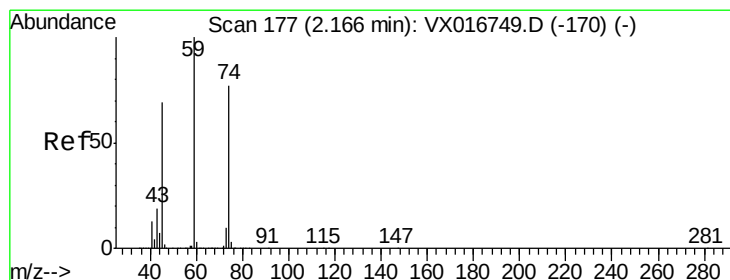
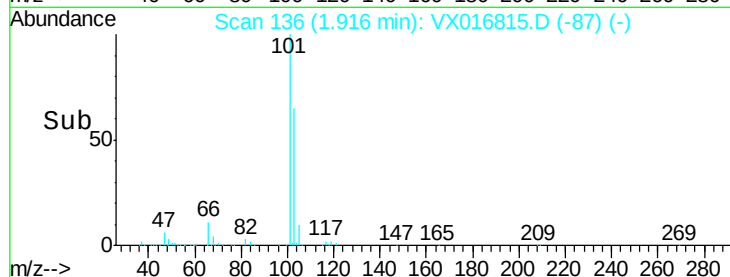
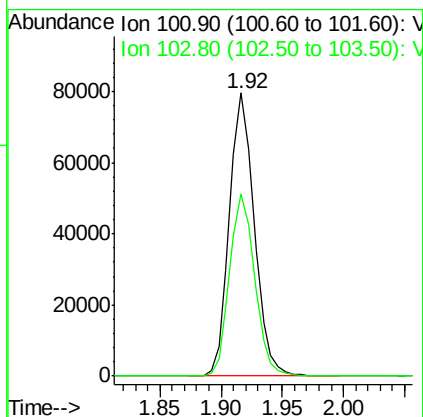
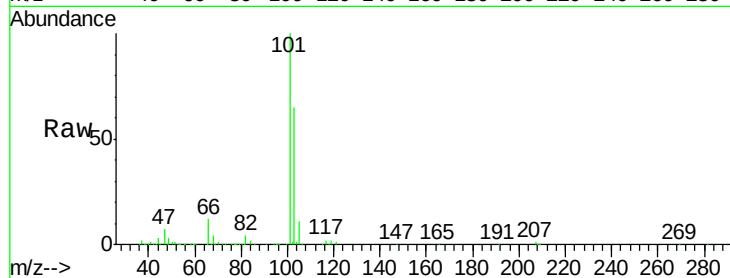
Trichlorofluoromethane
Concen: 21.711 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.3	76.9

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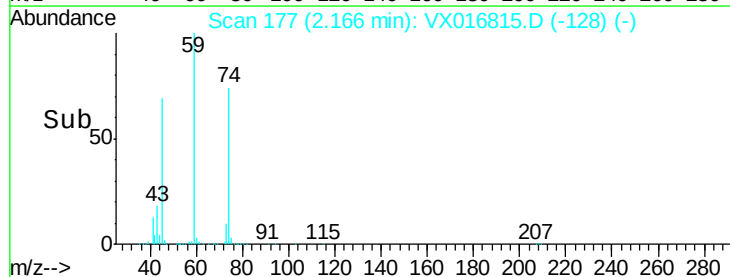
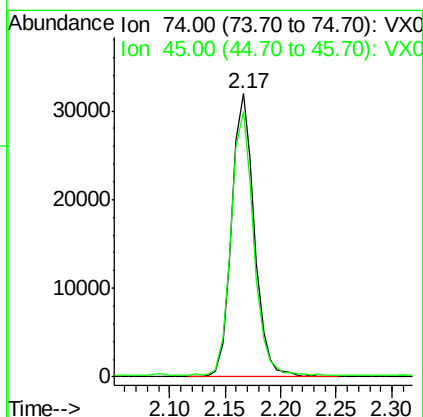
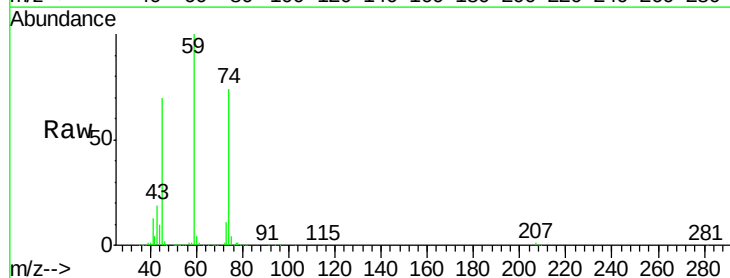
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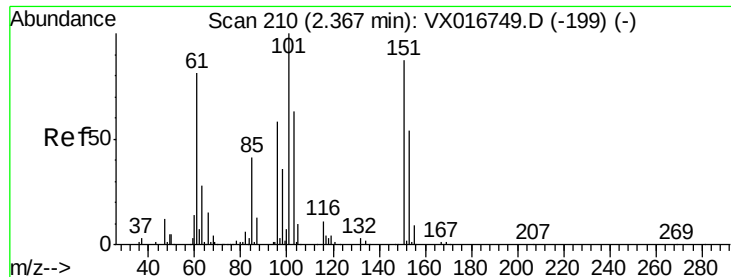


#8

Diethyl Ether
Concen: 21.336 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.1	43.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.465 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

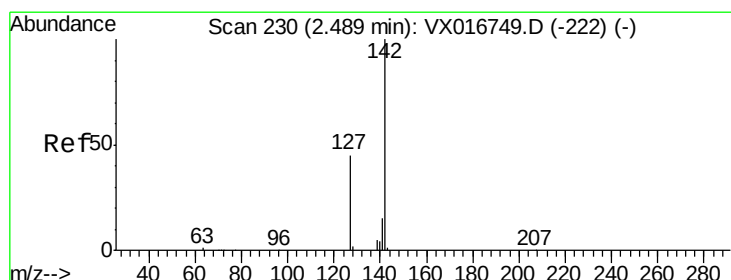
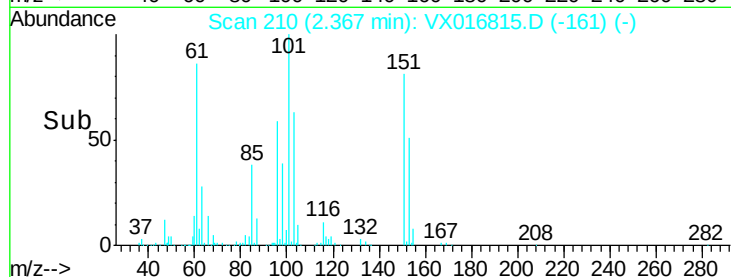
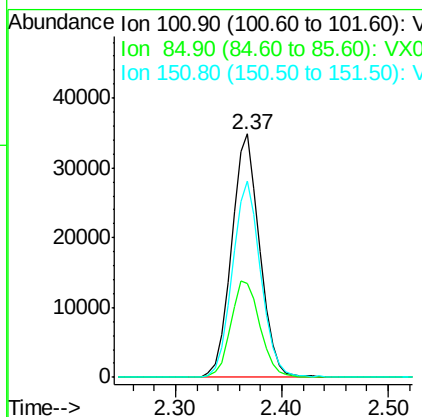
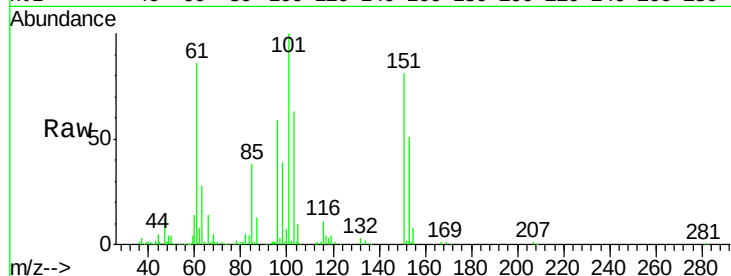
ClientSampleId :

VX0617WBS01

Tot Ion:	101	Resp:	64484
Ion Ratio	Lower	Upper	
101	100		
85	41.3	34.0	51.0
151	81.4	68.7	103.1

Manual Integrations
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#10

Methyl Iodide

Concen: 15.971 ug/l

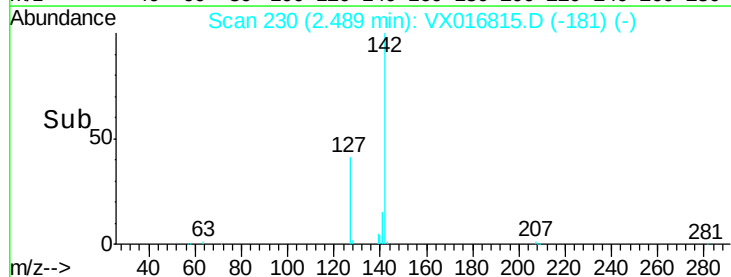
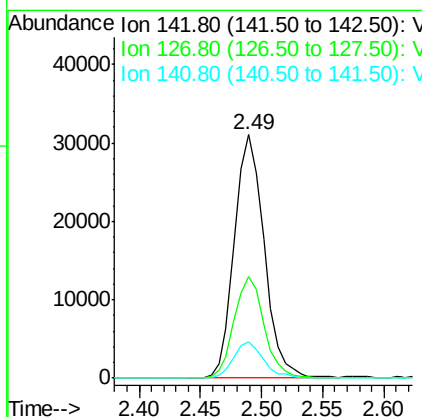
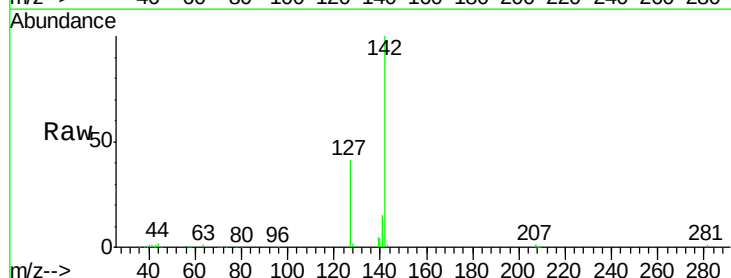
RT: 2.49 min Scan# 230

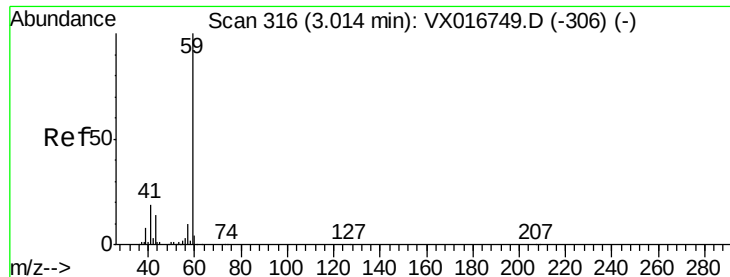
Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Tgt Ion:	142	Resp:	52617
Ion Ratio	Lower	Upper	
142	100		
127	41.8	35.4	53.2
141	14.8	11.7	17.5





#11

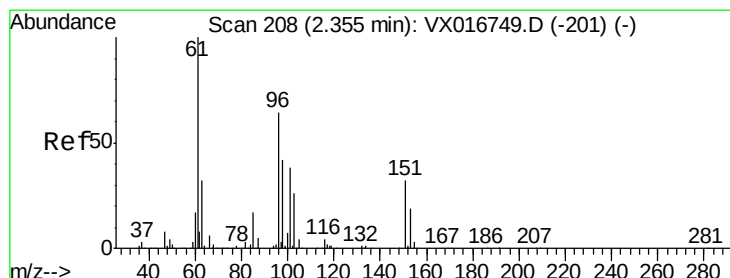
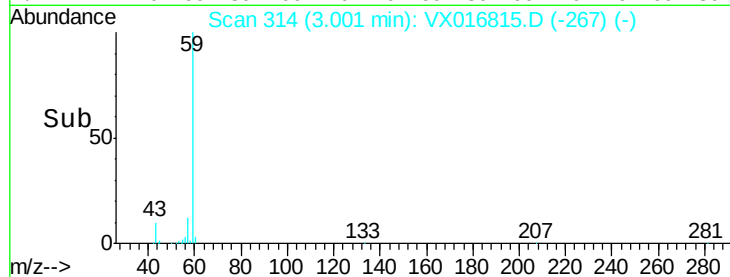
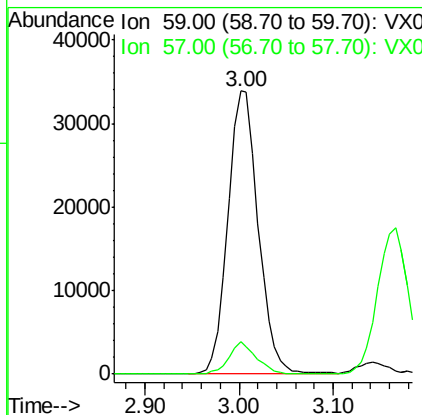
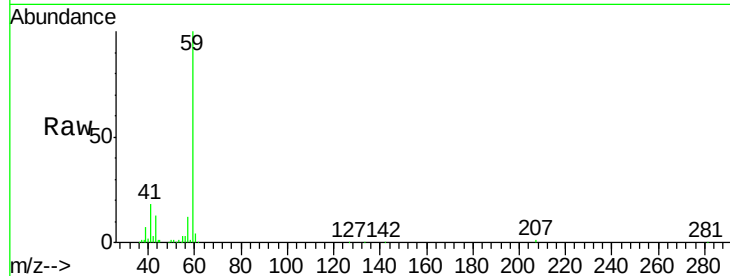
Tert butyl alcohol
Concen: 87.217 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2

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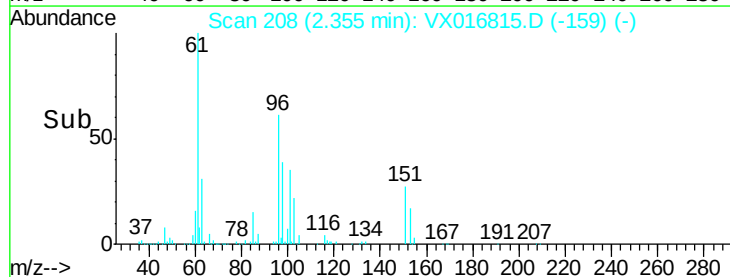
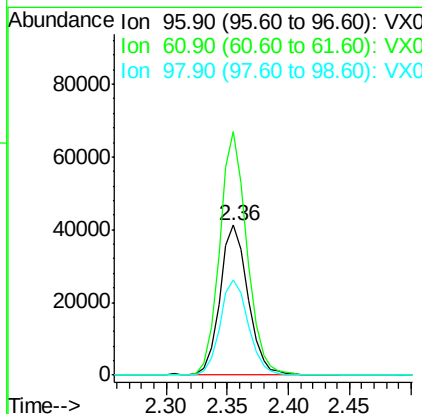
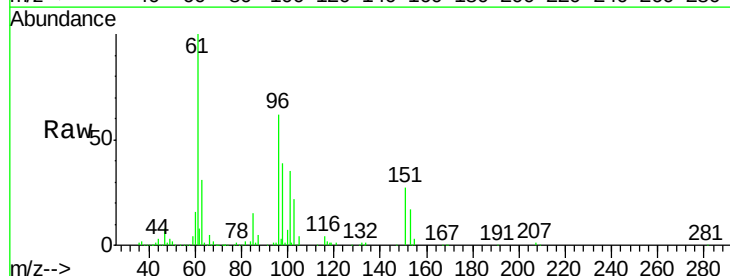
MMDadoda
6/18/2020 11:15:57 AM

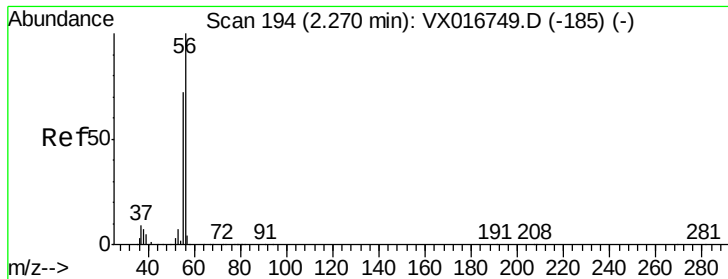


#12

1,1-Dichloroethene
Concen: 21.728 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.2	124.1	186.1
98	63.3	52.7	79.1





#13

Acrolein

Concen: 88.829 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion: 56 Resp: 32448

Ion Ratio Lower Upper

56 100

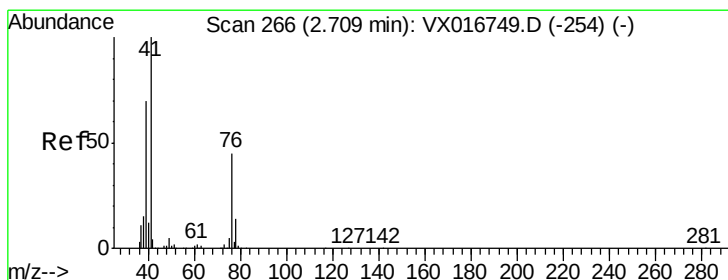
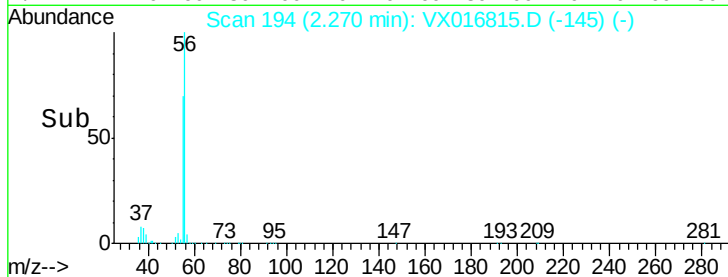
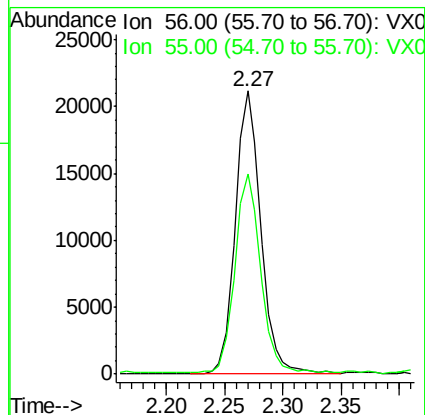
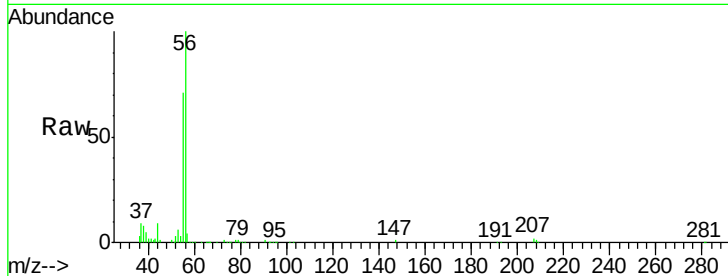
55 70.6 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 18.849 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

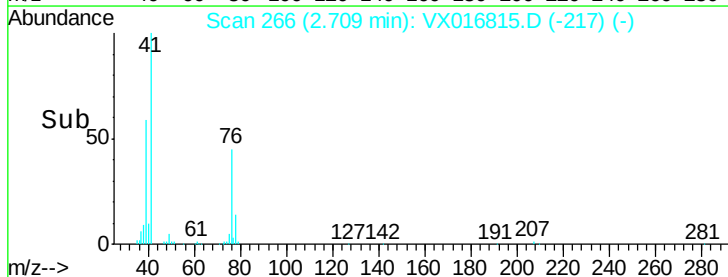
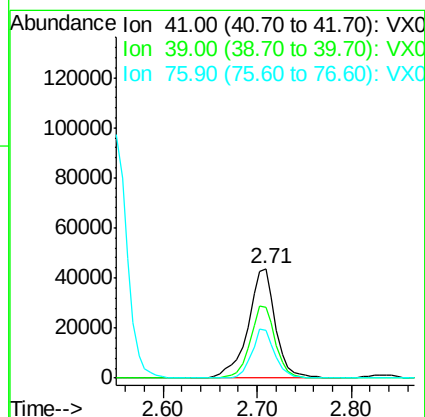
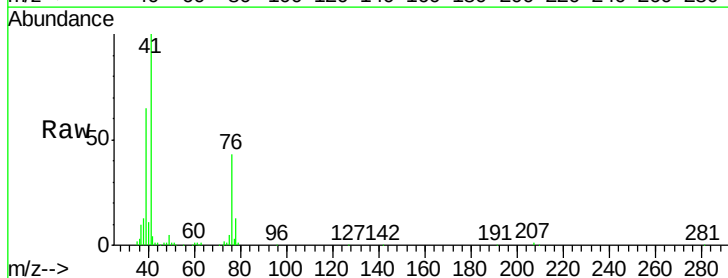
Tgt Ion: 41 Resp: 88983

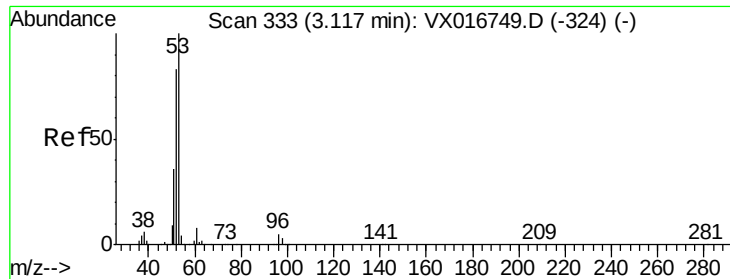
Ion Ratio Lower Upper

41 100

39 61.1 50.2 75.4

76 37.6 30.4 45.6





#15

Acrylonitrile

Concen: 91.893 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

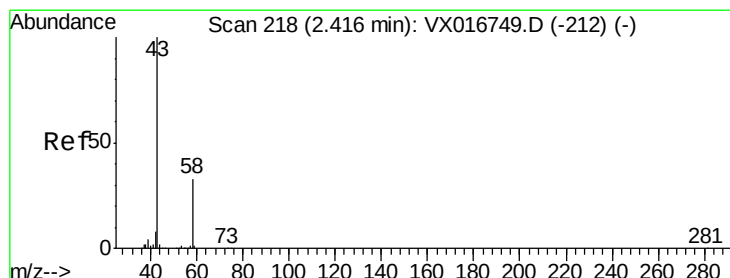
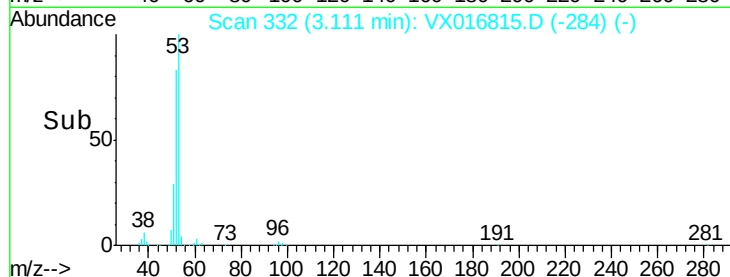
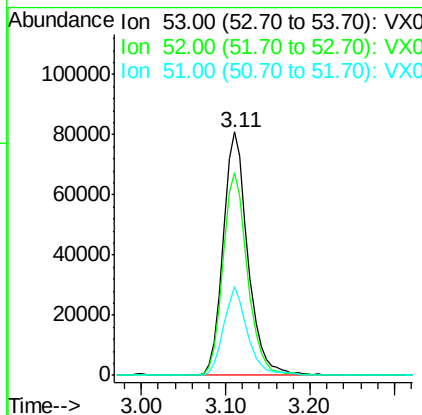
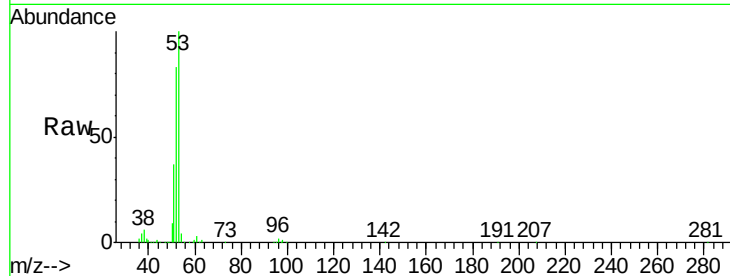
ClientSampleId :

VX0617WBS01

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	83.0	65.5	98.3	
51	35.5	28.6	42.8	

Manual Integrations
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#16

Acetone

Concen: 95.158 ug/l

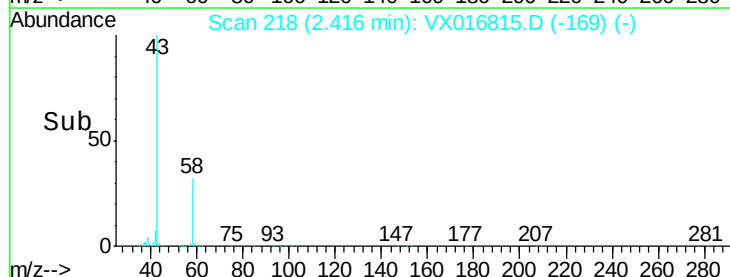
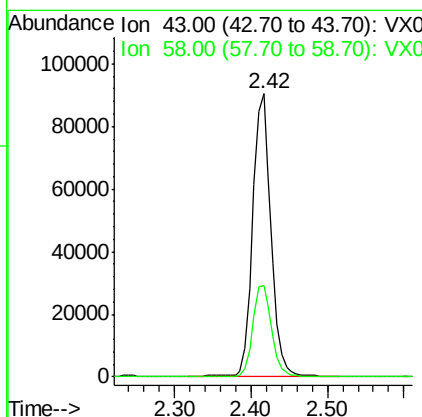
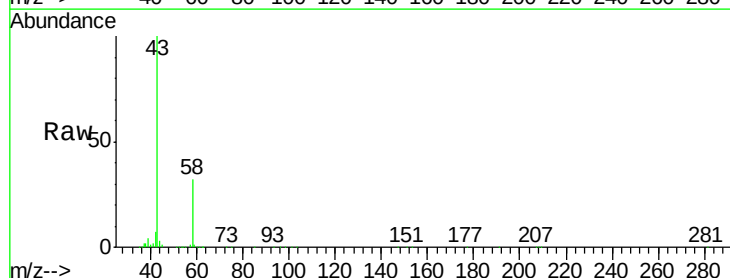
RT: 2.42 min Scan# 218

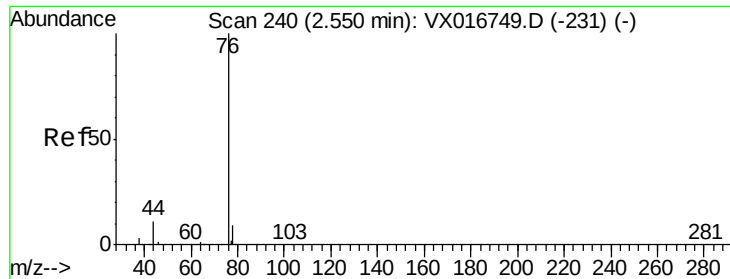
Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	32.0	26.3	39.5	





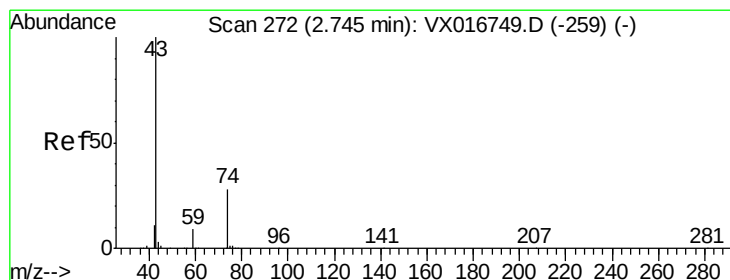
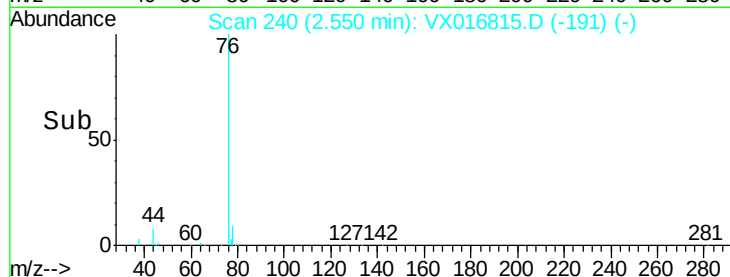
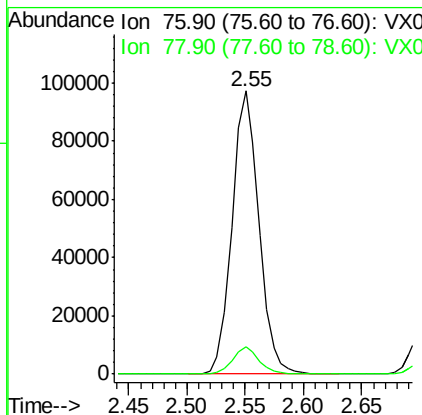
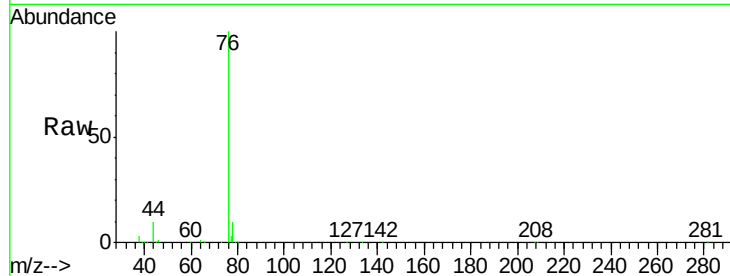
#17
Carbon Disulfide
Concen: 18.083 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

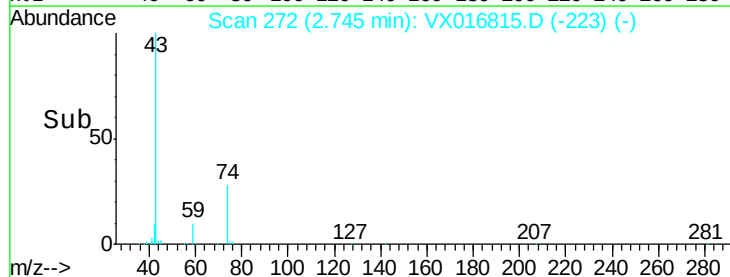
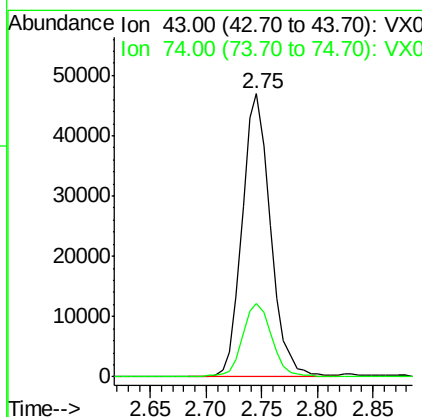
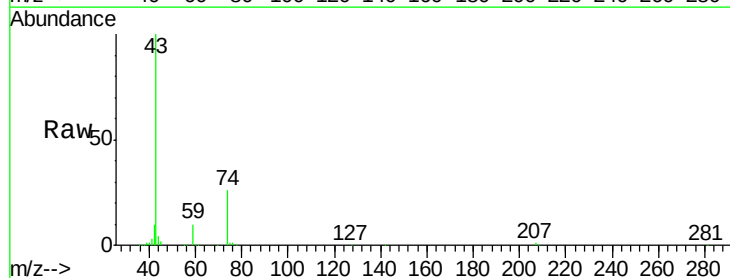
Manual Integrations
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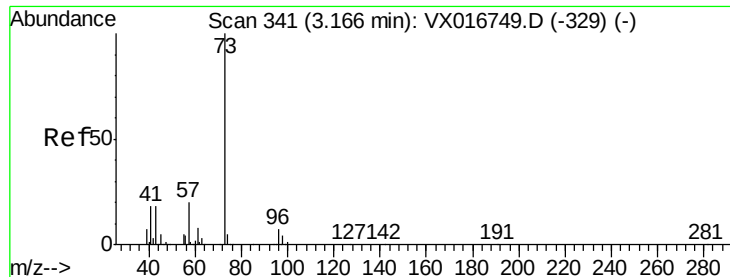
MMDadoda
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#18
Methyl Acetate
Concen: 19.833 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.0	22.4	33.6





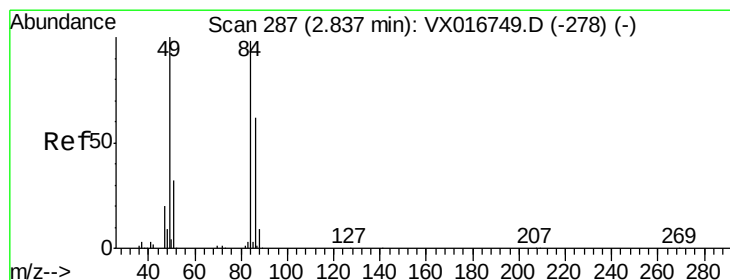
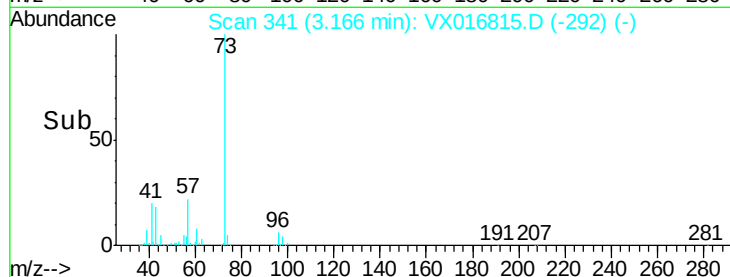
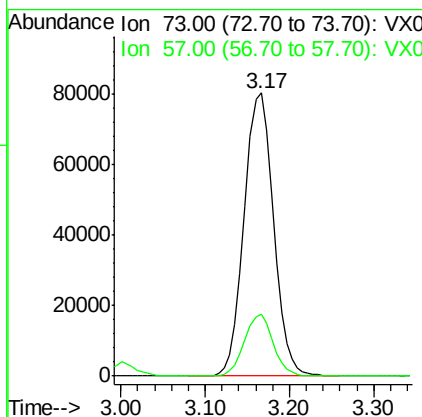
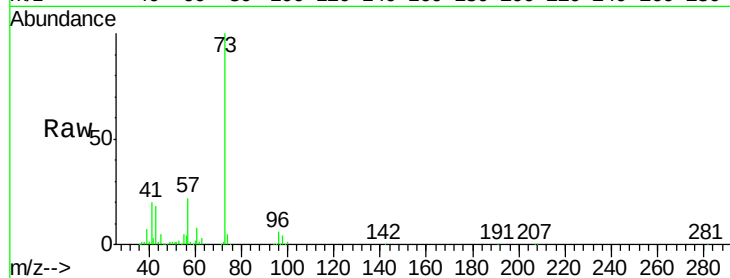
#19
Methvl tert-butvl Ether
Concen: 18.450 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	16.2	24.4

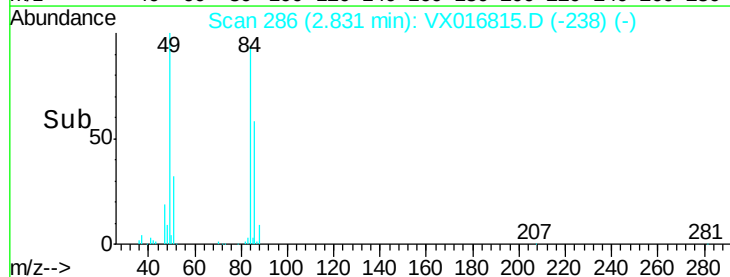
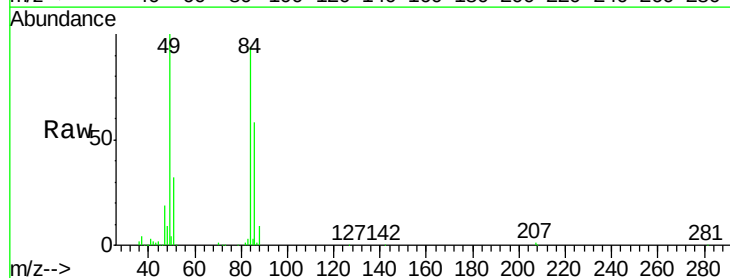
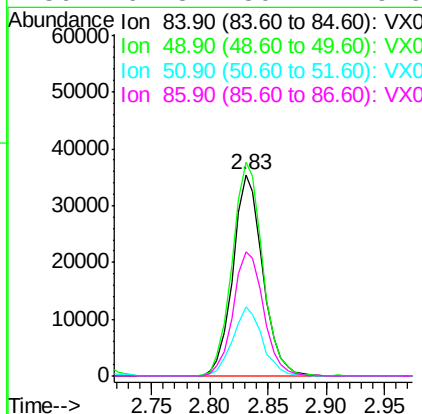
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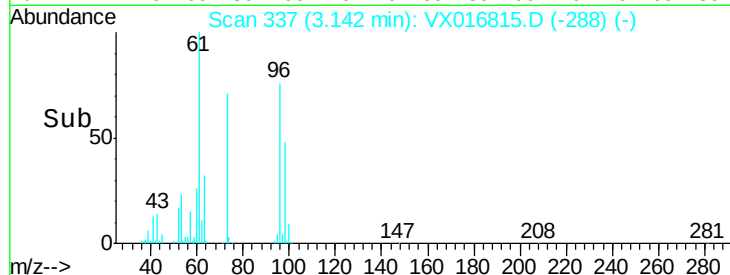
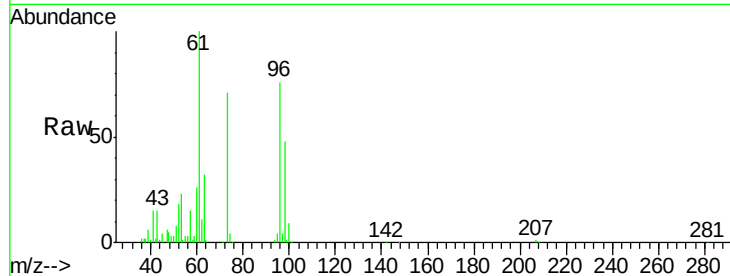
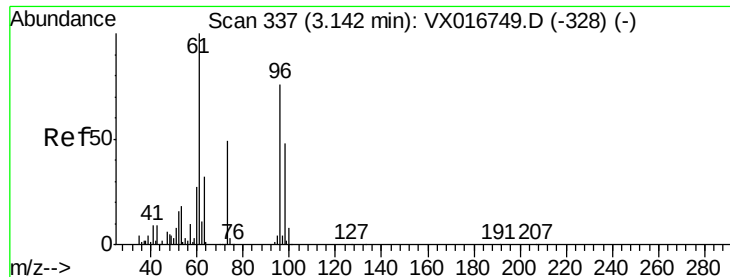
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#20
Methylene Chloride
Concen: 18.640 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.2	81.8	122.8
51	34.5	25.8	38.8
86	61.8	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 18.832 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Tot Ion:	96	Resp:	61081
Ion	Ratio	Lower	Upper
96	100		
61	132.3	105.4	158.2
98	63.2	50.8	76.2

Instrument :

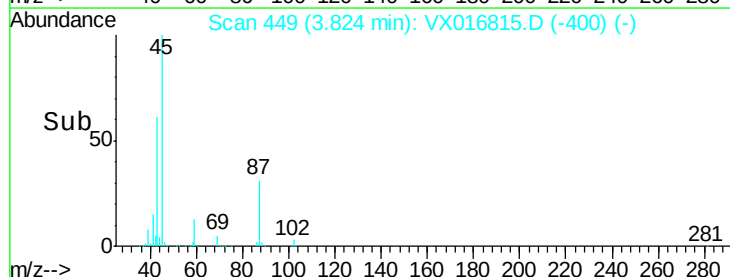
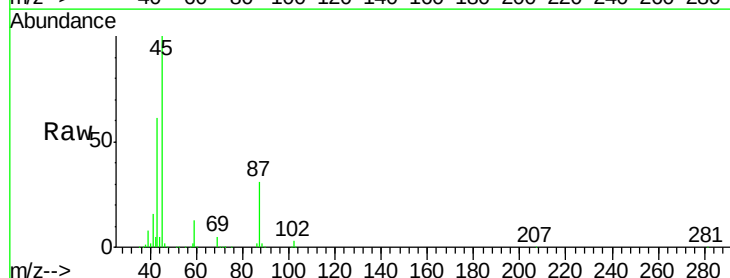
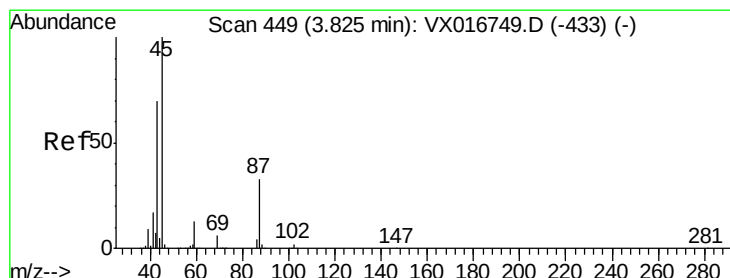
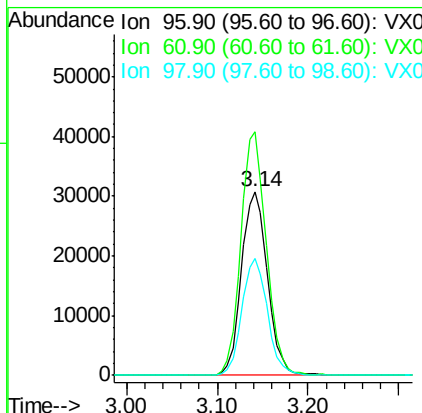
MSVOA_X

ClientSampleId :

VX0617WBS01

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#22

Diisopropyl ether

Concen: 19.888 ug/l

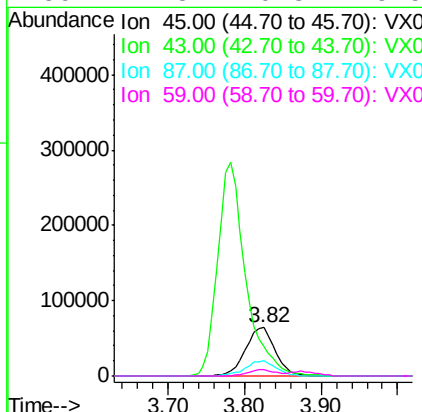
RT: 3.82 min Scan# 449

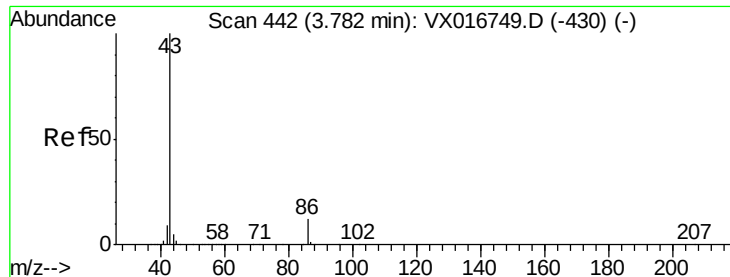
Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Tgt Ion:	45	Resp:	176354
Ion	Ratio	Lower	Upper
45	100		
43	60.4	56.2	84.4
87	30.8	26.2	39.4
59	12.8	10.3	15.5





#23

Vinyl Acetate

Concen: 94.133 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion: 43 Resp: 721452

Ion Ratio Lower Upper

43 100

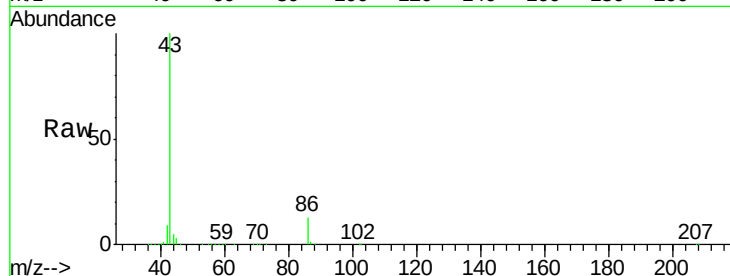
86 12.6 9.8 14.8

Manual Integrations

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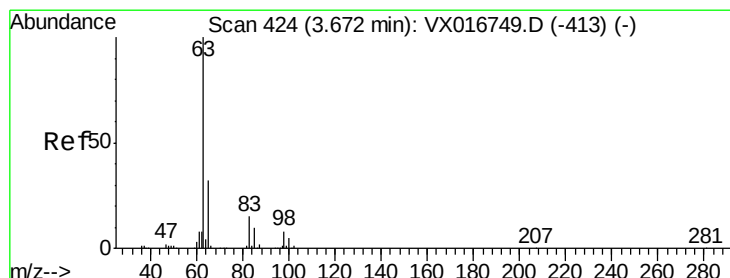
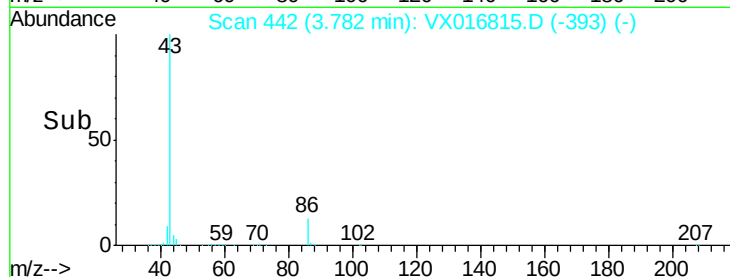
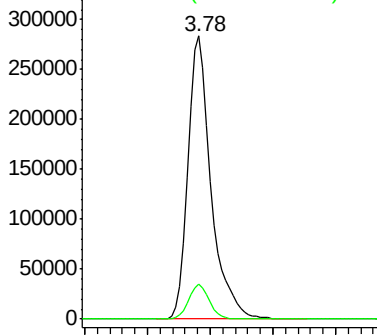
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.977 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

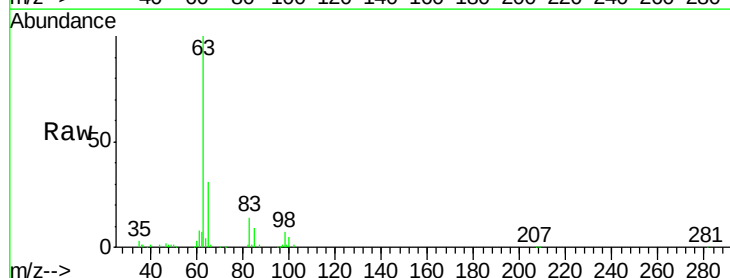
Tgt Ion: 63 Resp: 105244

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

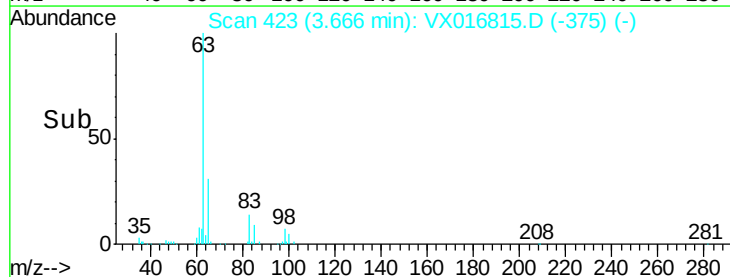
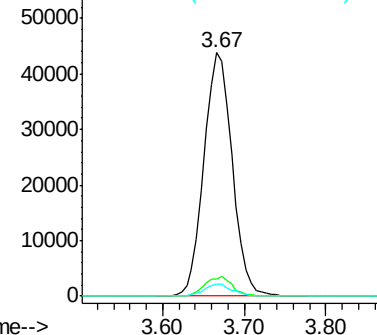
100 4.9 2.3 6.9

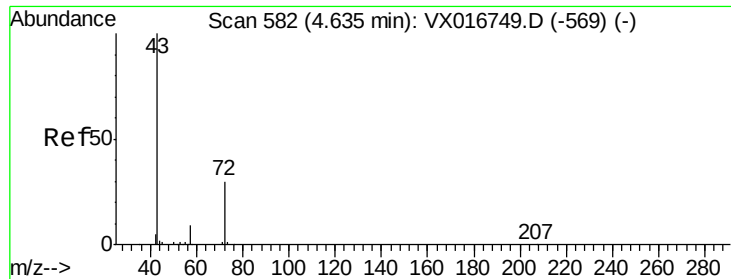


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 92.343 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Tot Ion: 43 Resp: 219285

Ion Ratio Lower Upper

43 100

72 29.0 24.2 36.4

Instrument :

MSVOA_X

ClientSampleId :

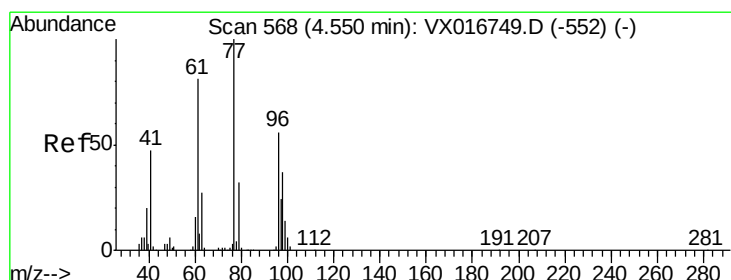
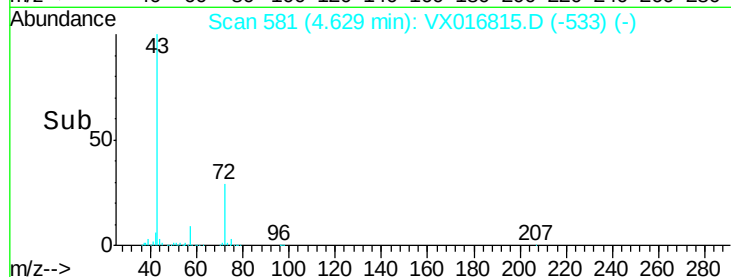
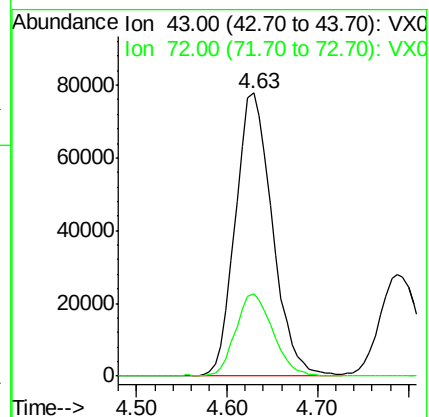
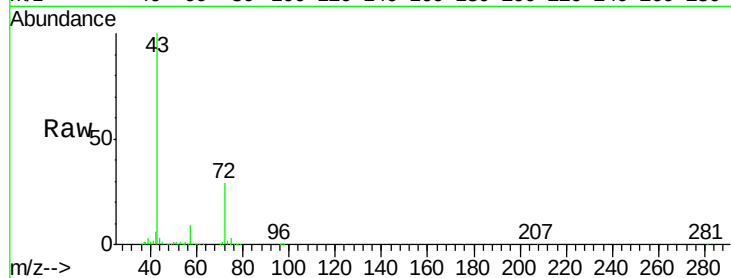
VX0617WBS01

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#26

2,2-Dichloropropane

Concen: 18.242 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016815.D

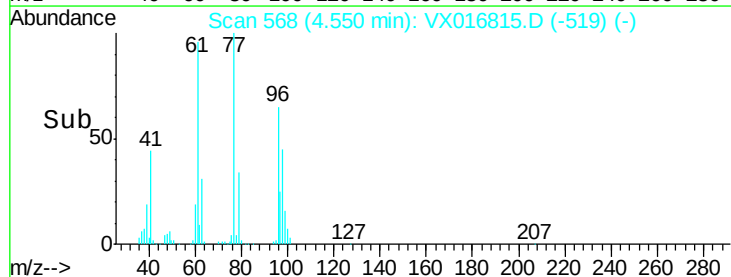
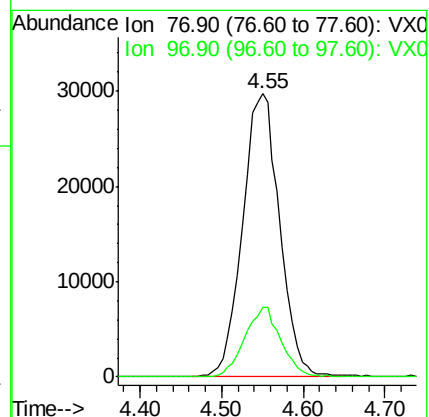
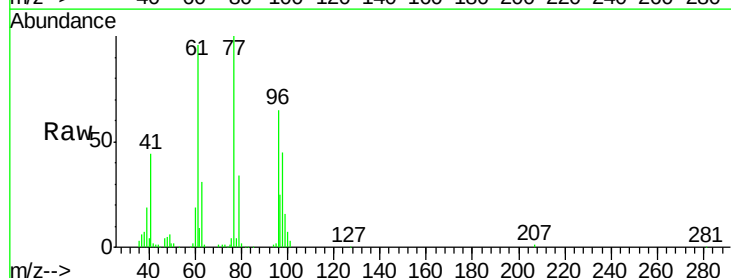
Acq: 17 Jun 2020 14:44

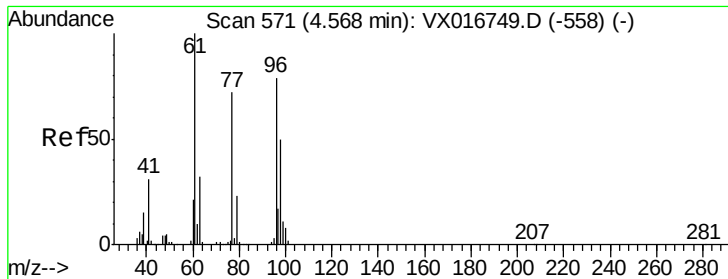
Tgt Ion: 77 Resp: 93678

Ion Ratio Lower Upper

77 100

97 24.0 11.5 34.4





#27

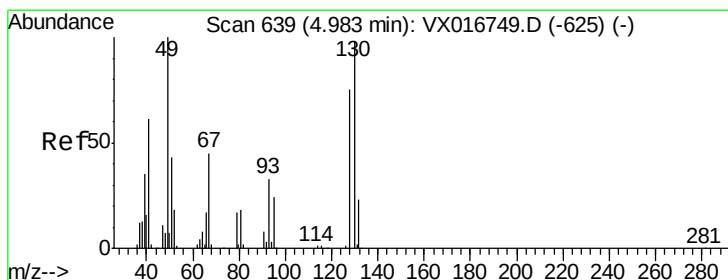
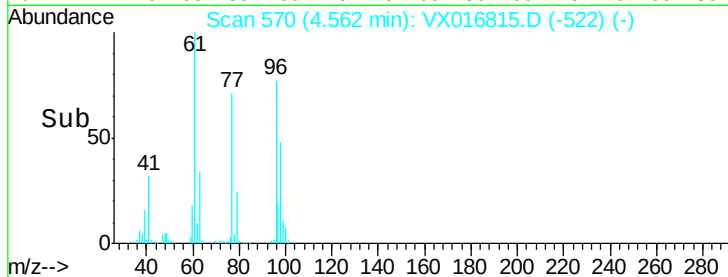
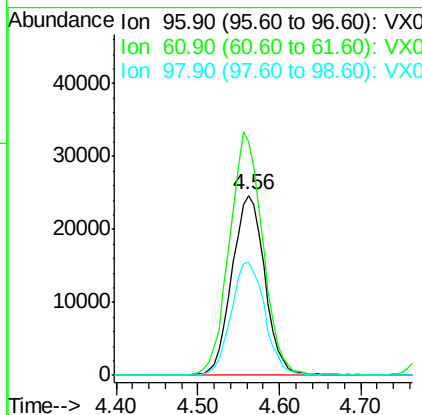
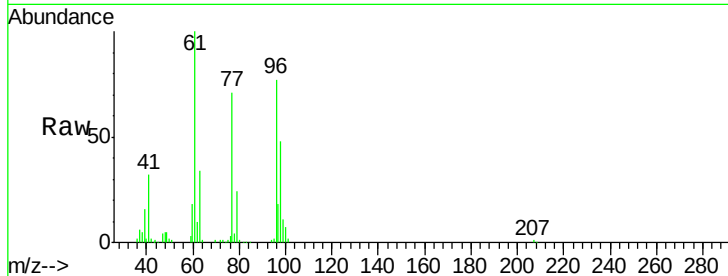
cis-1,2-Dichloroethene
Concen: 18.631 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	276.2
98	64.1	0.0	130.0

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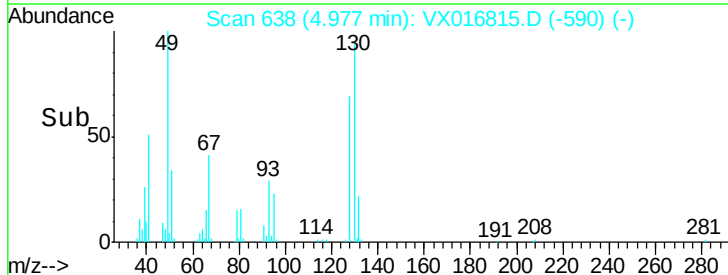
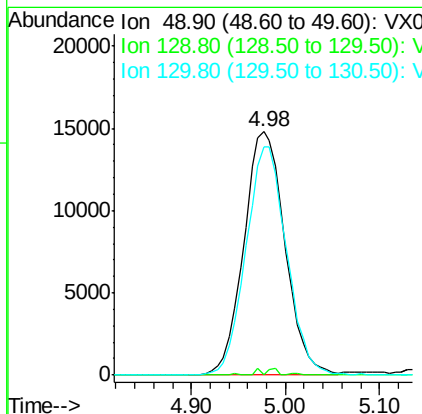
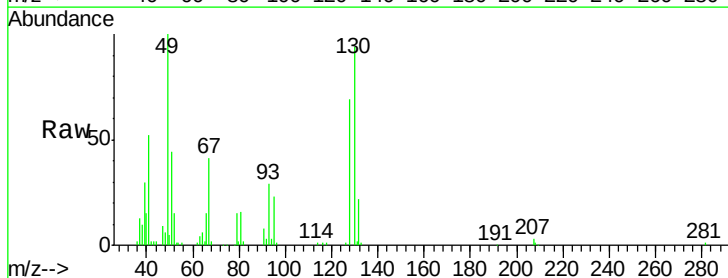
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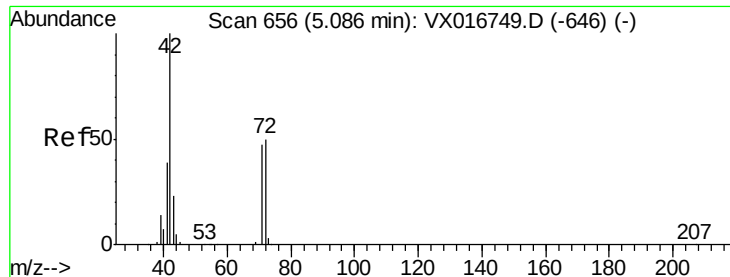


#28

Bromochloromethane
Concen: 19.098 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	2.8
130	92.5	76.0	114.0





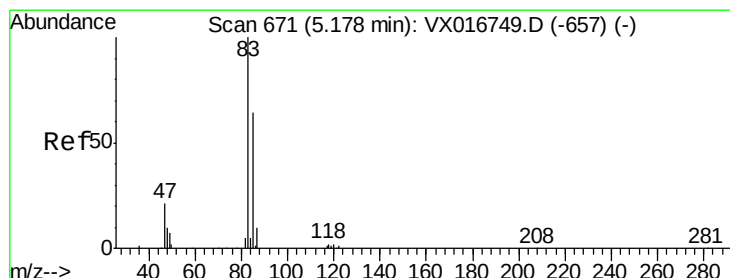
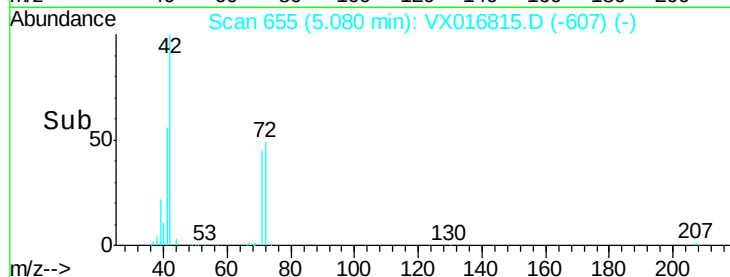
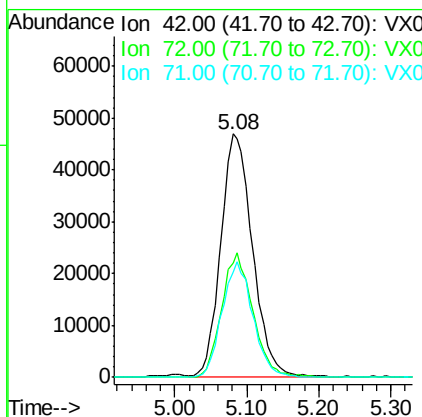
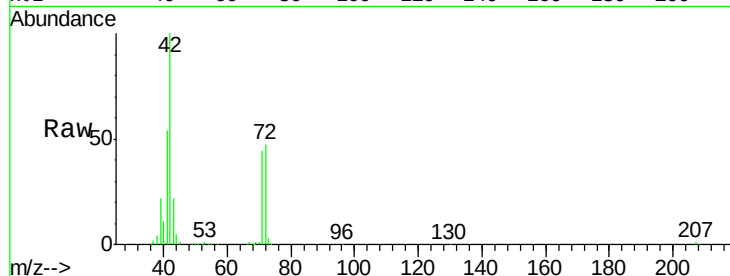
#29
Tetrahydrofuran
Concen: 93.197 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.6	41.0	61.6
71	46.5	38.2	57.4

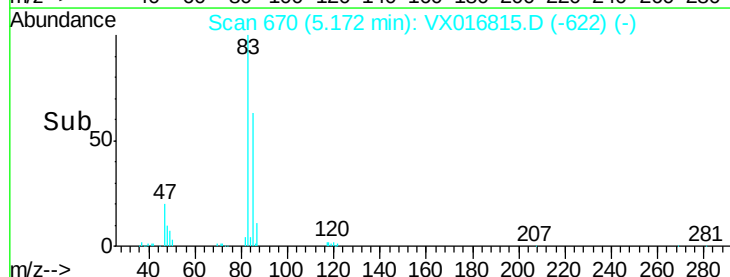
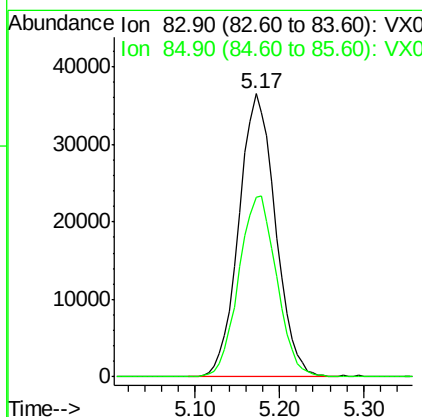
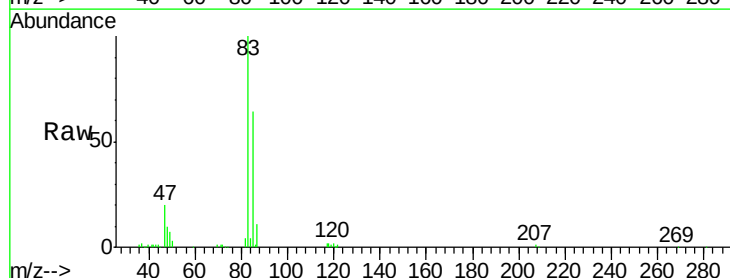
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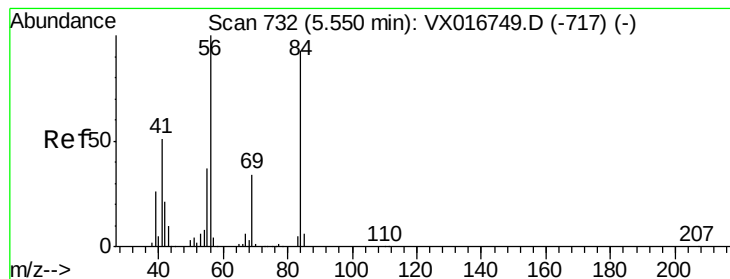
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#30
Chloroform
Concen: 18.335 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.8	76.2





#31

Cyclohexane

Concen: 20.716 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

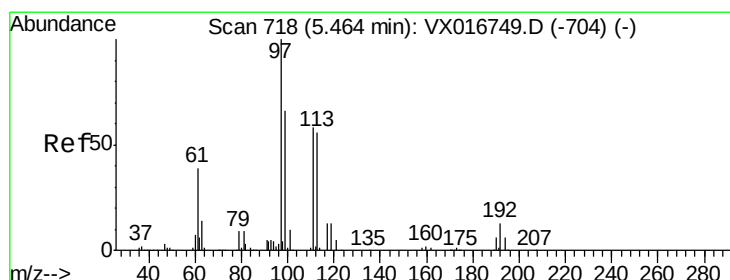
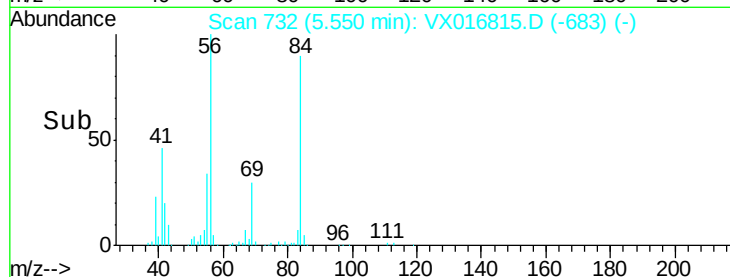
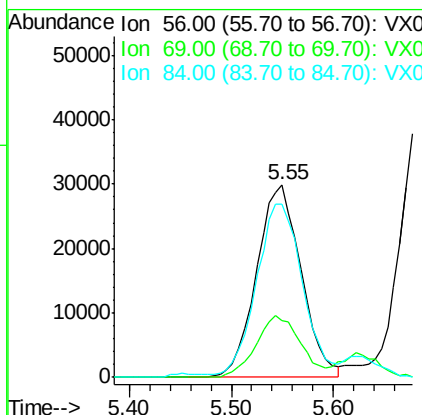
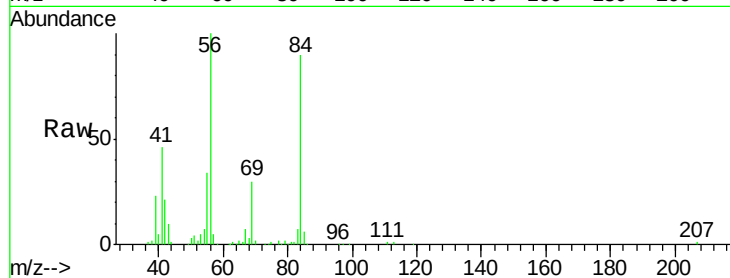
ClientSampleId :

VX0617WBS01

Tot Ion:	56	Resp:	90671
Ion	Ratio	Lower	Upper
56	100		
69	29.4	27.1	40.7
84	88.0	74.0	111.0

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#32

1,1,1-Trichloroethane

Concen: 18.678 ug/l

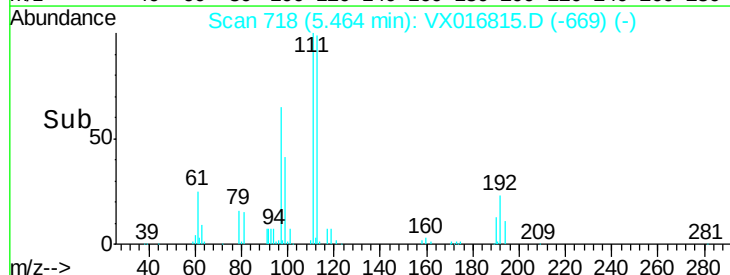
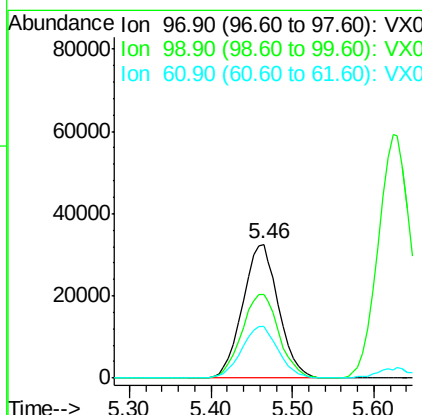
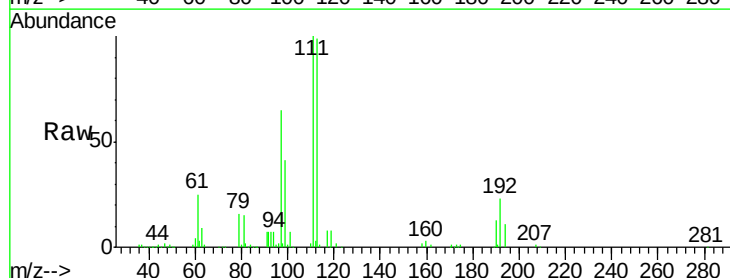
RT: 5.46 min Scan# 718

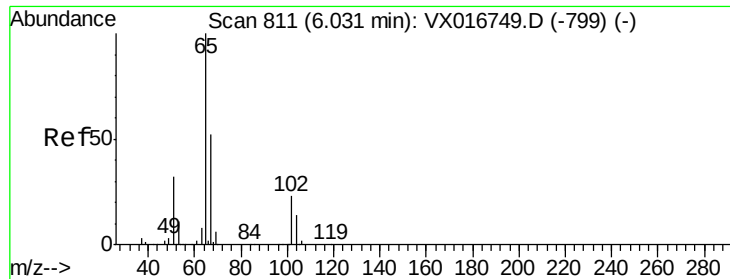
Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Tgt Ion:	97	Resp:	99444
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.5	77.3
61	39.5	31.3	46.9





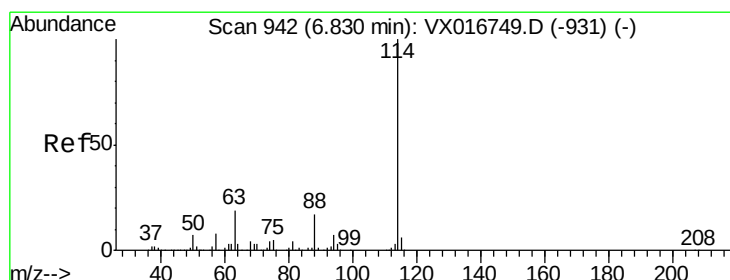
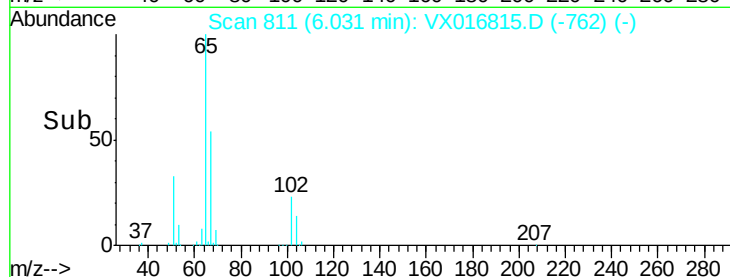
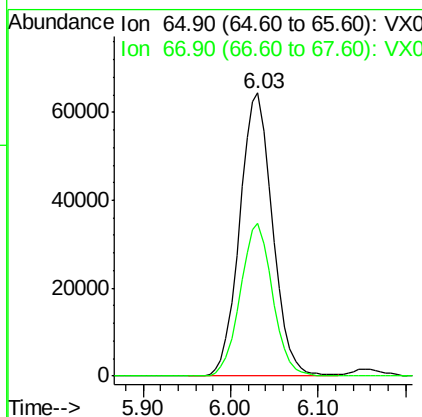
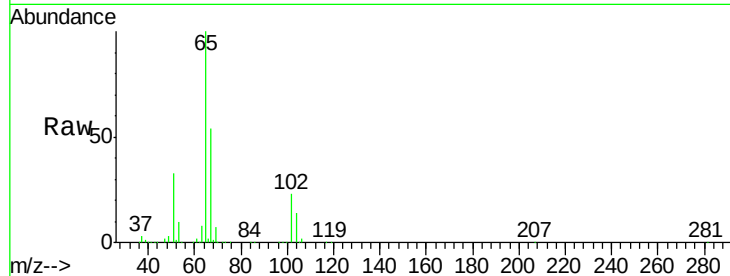
#33
 1,2-Dichloroethane-d4
 Concen: 48.313 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	103.0

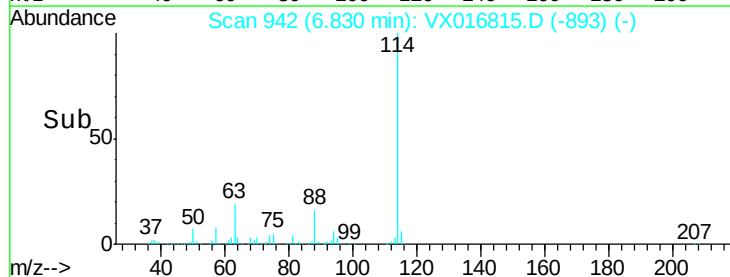
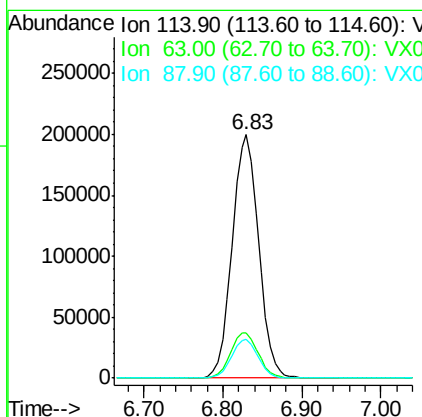
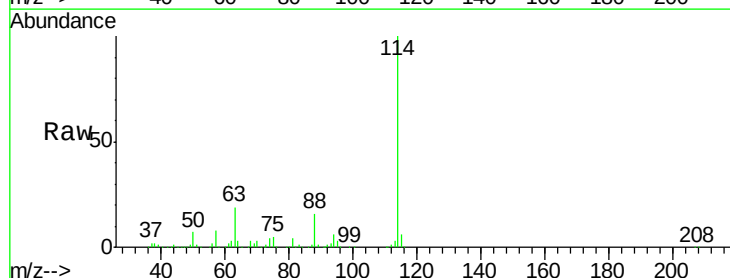
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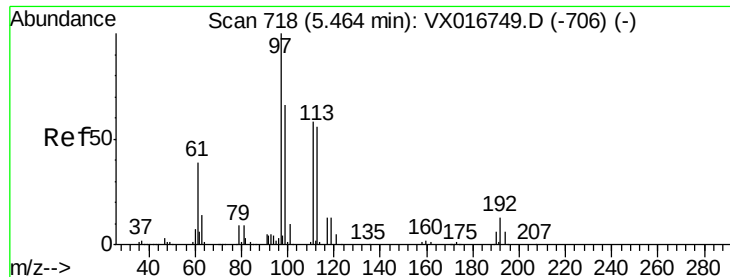
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.8
88	16.1	0.0	33.4





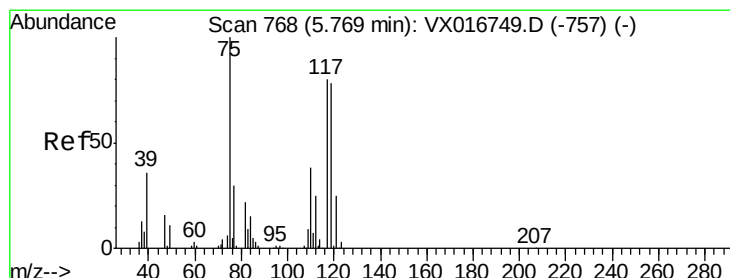
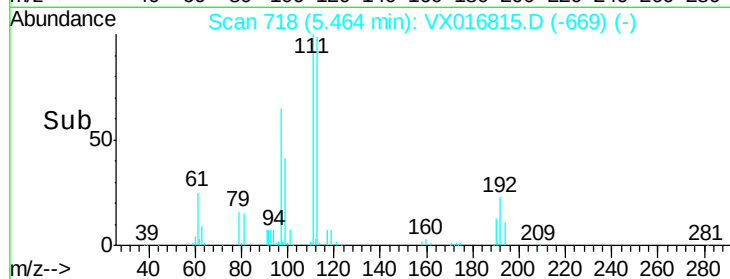
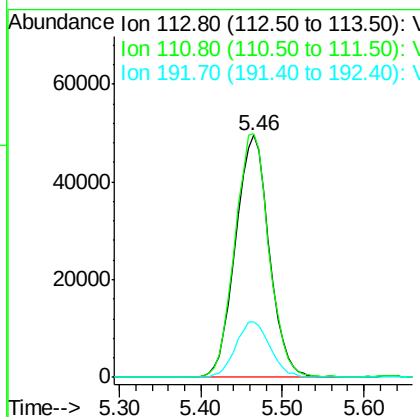
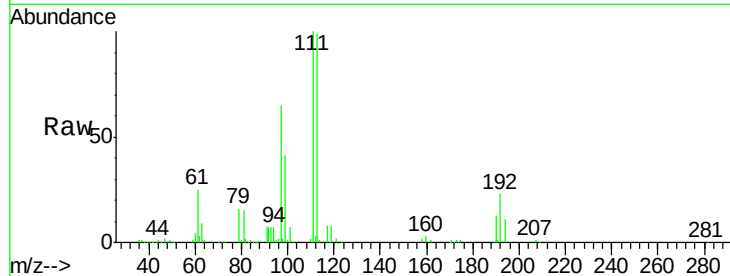
#35
 Dibromofluoromethane
 Concen: 49.111 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.5	81.8	122.6	
192	23.4	18.2	27.4	

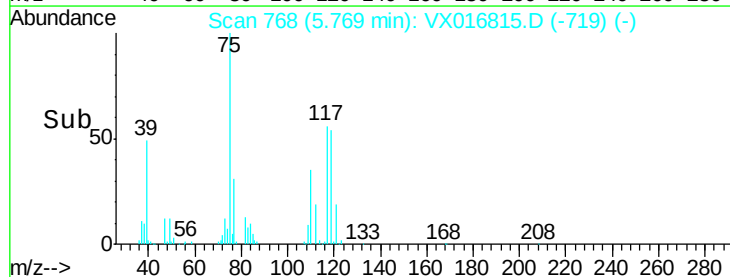
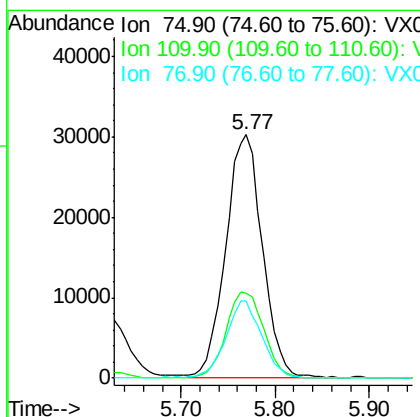
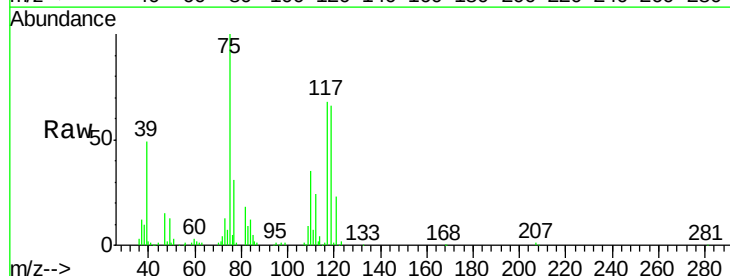
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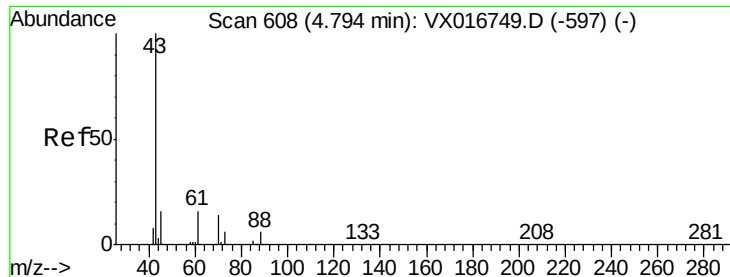
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#36
 1,1-Dichloropropene
 Concen: 19.792 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.8	18.4	55.2	
77	31.5	24.7	37.1	





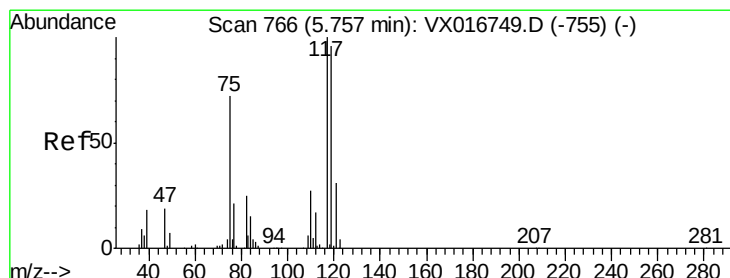
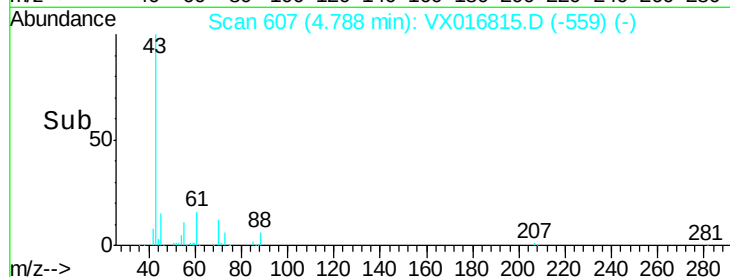
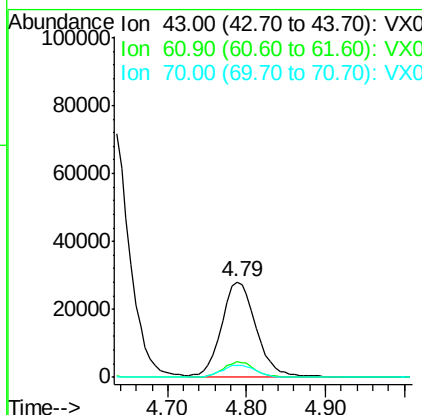
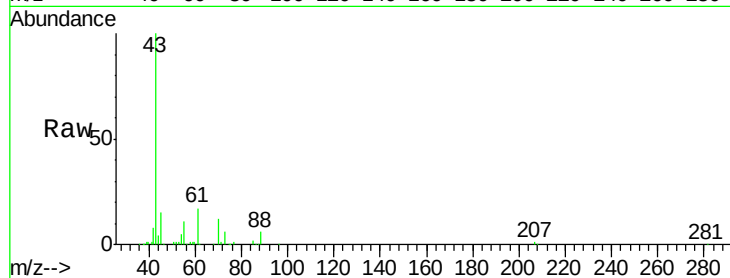
#37
Ethyl Acetate
Concen: 18.755 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.4	18.6
70	12.7	10.8	16.2

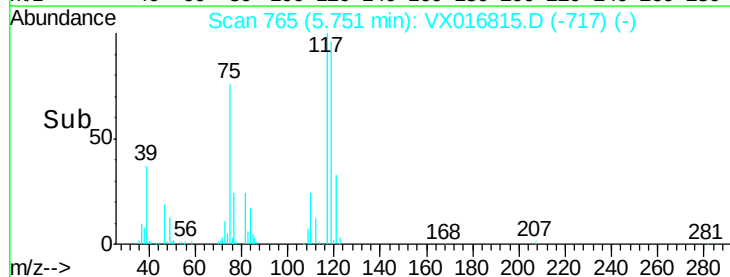
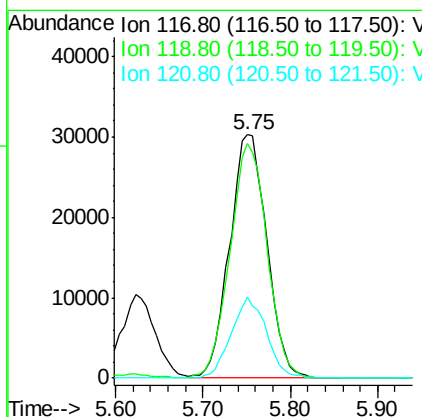
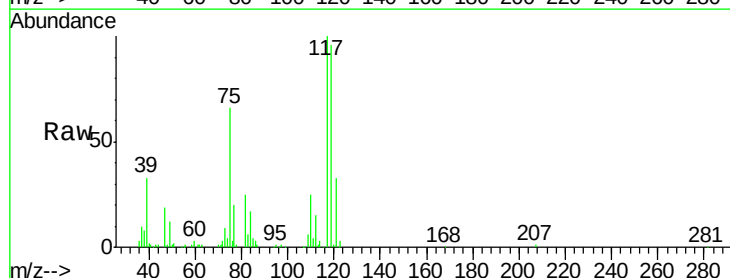
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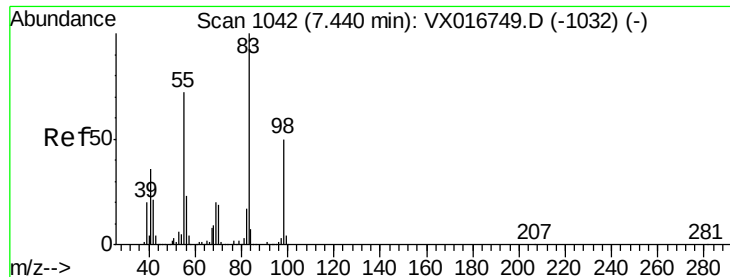
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#38
Carbon Tetrachloride
Concen: 19.170 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.7	115.1
121	33.2	24.7	37.1





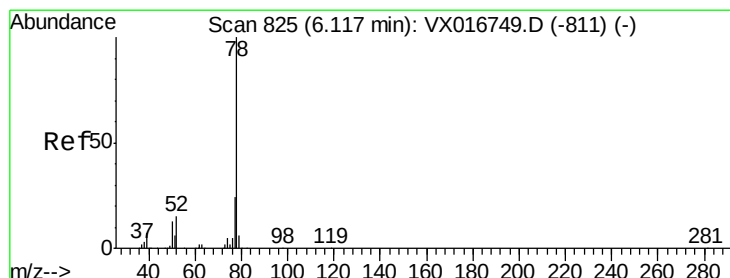
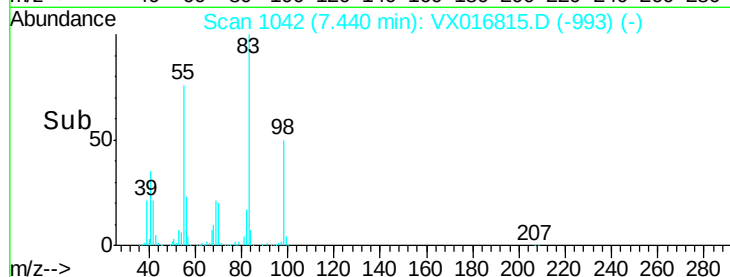
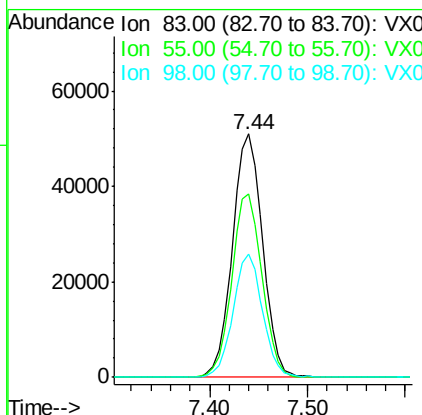
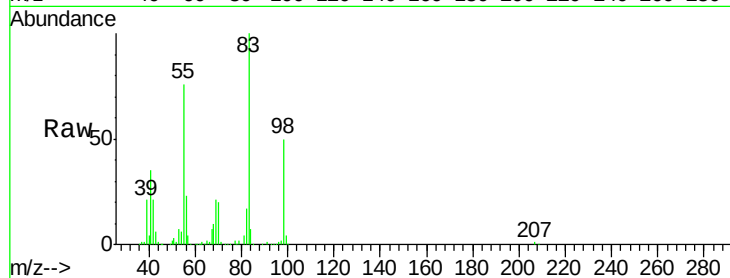
#39
Methylvlcyclohexane
Concen: 23.347 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	57.3	85.9
98	50.5	40.3	60.5

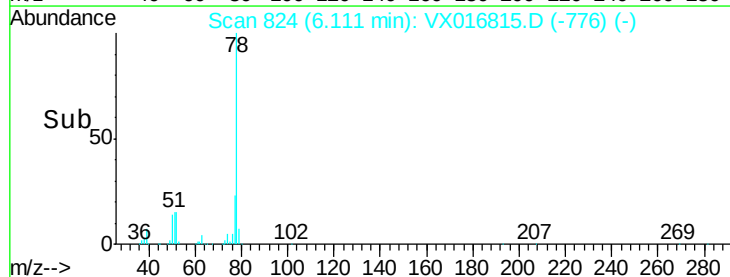
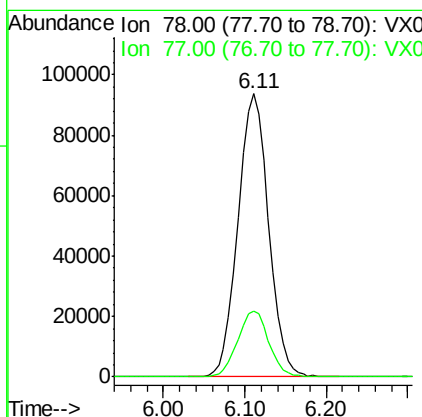
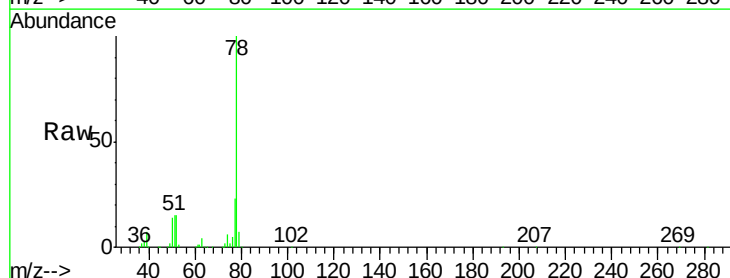
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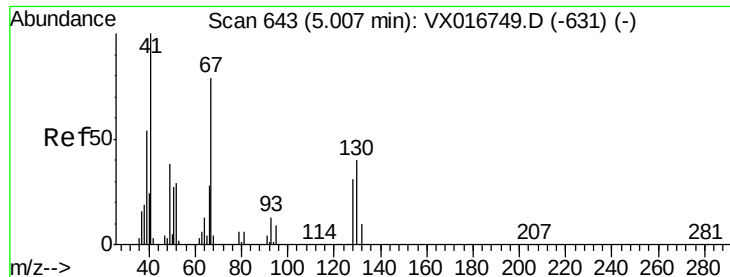
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#40
Benzene
Concen: 19.448 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4





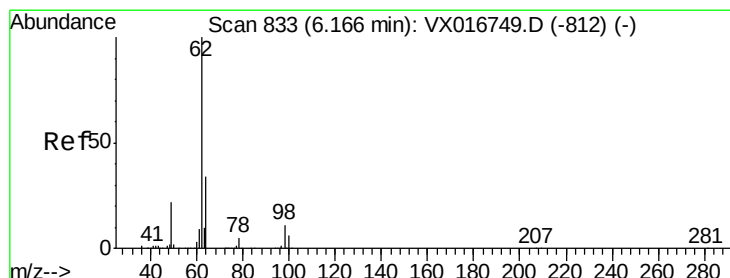
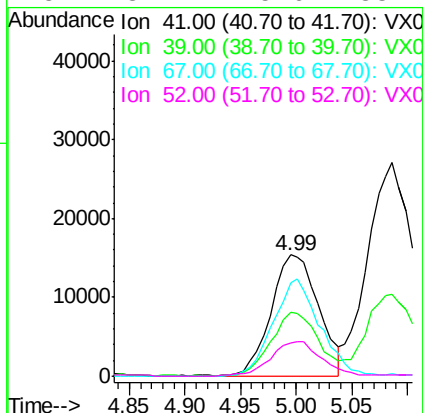
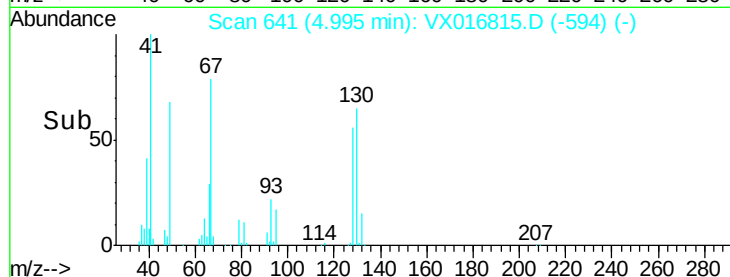
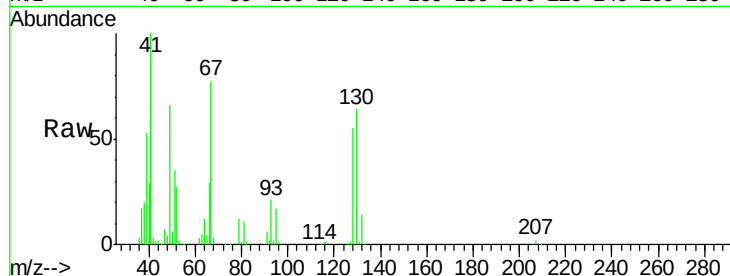
#41
Methacrylonitrile
Concen: 18.891 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.9	43.7	65.5	
67	79.2	64.6	96.8	
52	31.1	25.6	38.4	

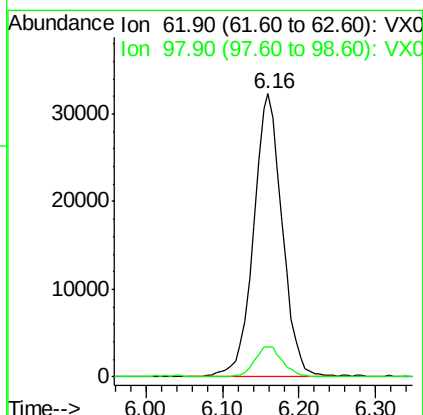
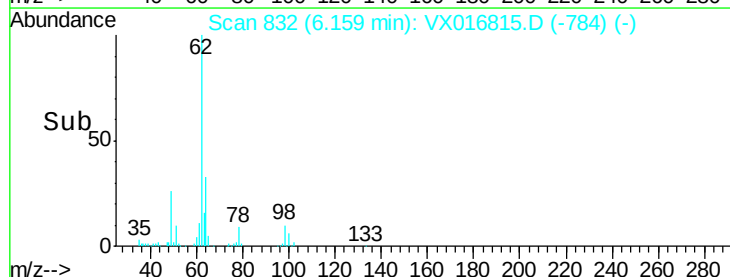
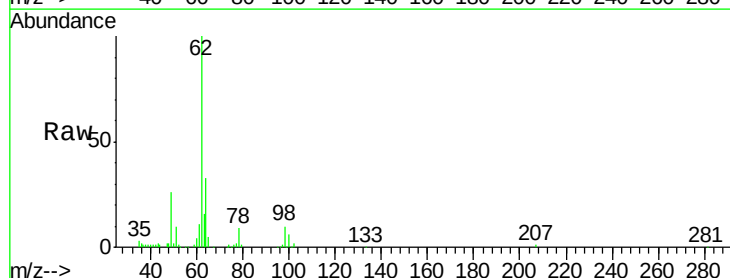
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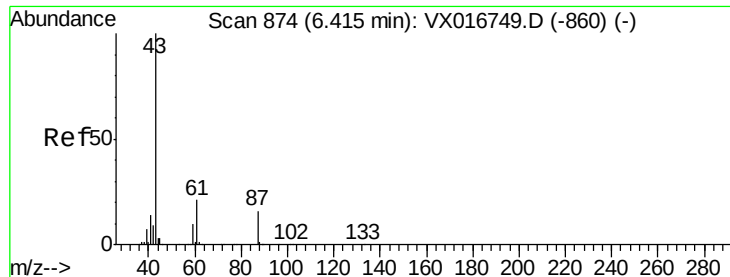
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#42
1,2-Dichloroethane
Concen: 18.393 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	20.2	





#43

Isopropyl Acetate

Concen: 19.099 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

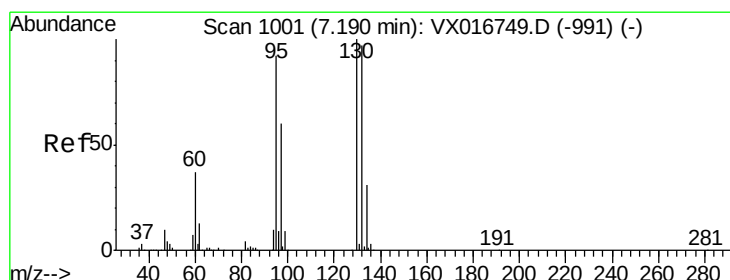
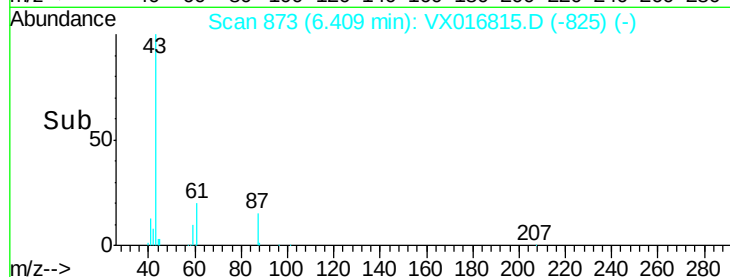
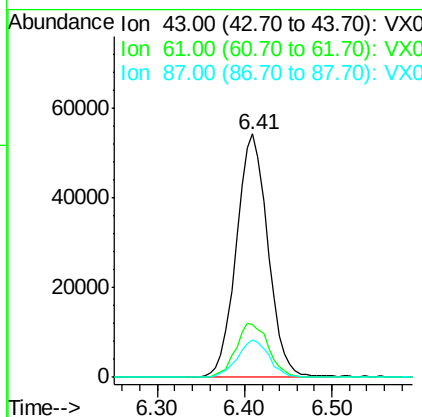
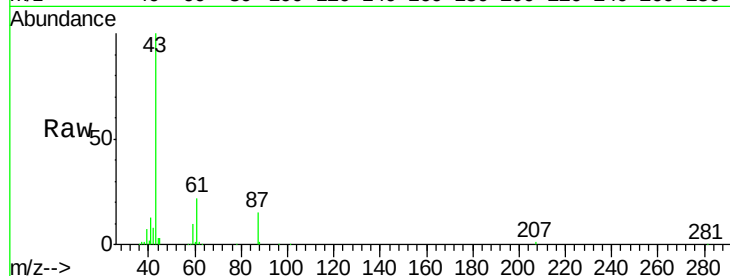
ClientSampleId :

VX0617WBS01

Tot Ion:	43	Resp:	135282
Ion	Ratio	Lower	Upper
43	100		
61	22.9	17.7	26.5
87	15.4	12.5	18.7

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#44

Trichloroethene

Concen: 20.628 ug/l

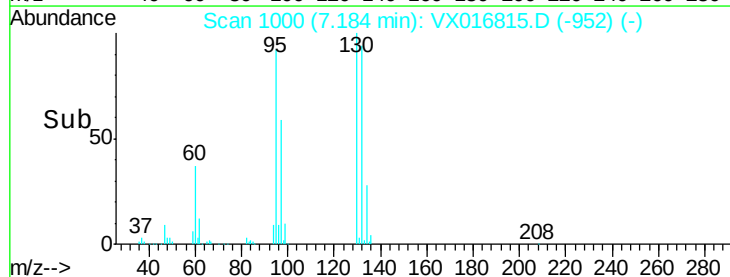
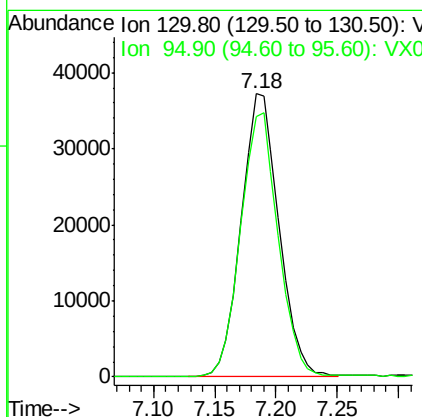
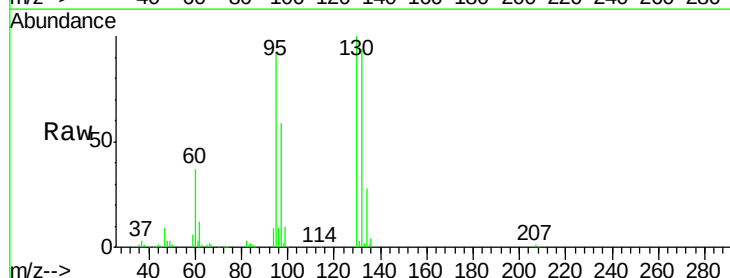
RT: 7.18 min Scan# 1000

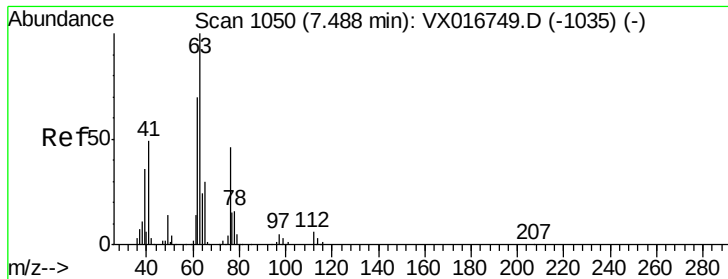
Delta R.T. -0.01 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Tgt Ion:	130	Resp:	80174
Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	183.6





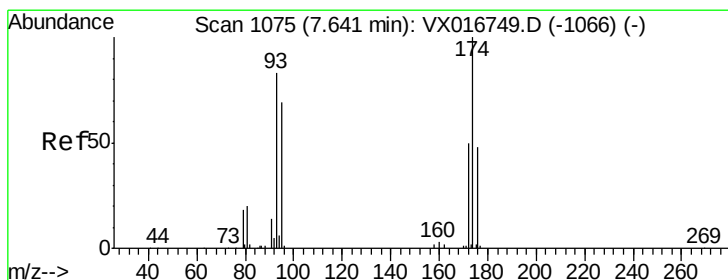
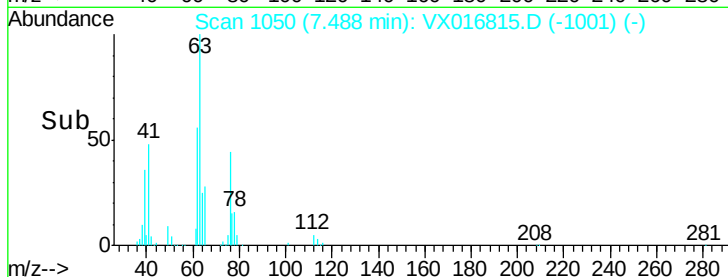
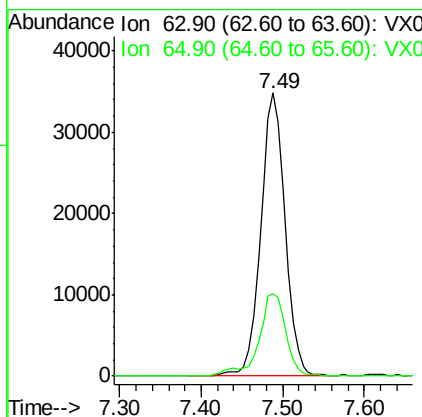
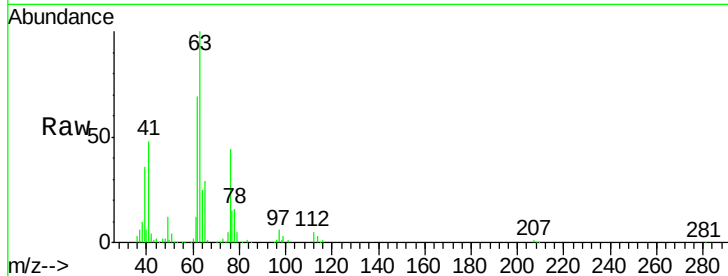
#45
 1,2-Dichloropropane
 Concen: 23.582 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.3	24.2	36.2

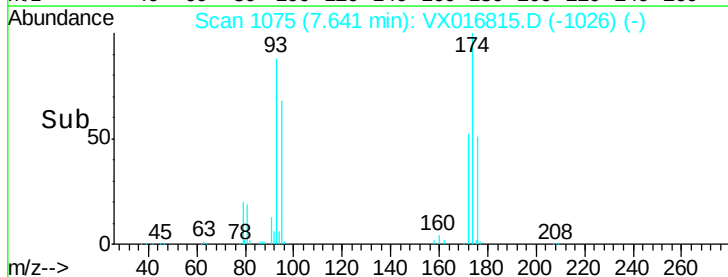
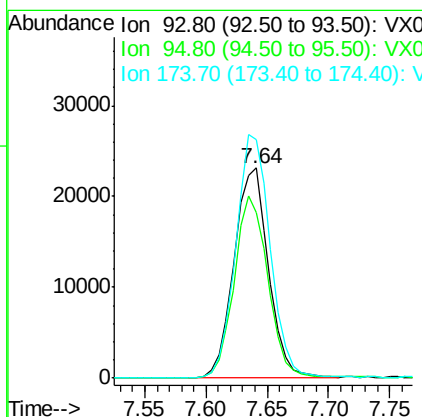
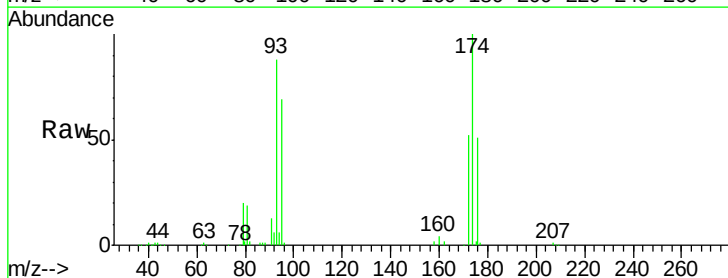
Manual Integrations
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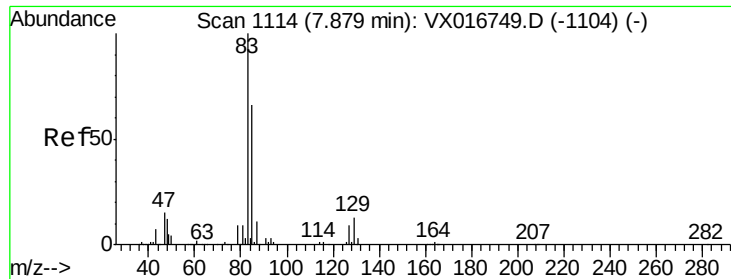
MMDadoda
 6/18/2020 11:15:57 AM



#46
 Dibromomethane
 Concen: 20.206 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	66.9	100.3
174	116.1	93.8	140.8





#47

Bromodichloromethane

Concen: 21.464 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

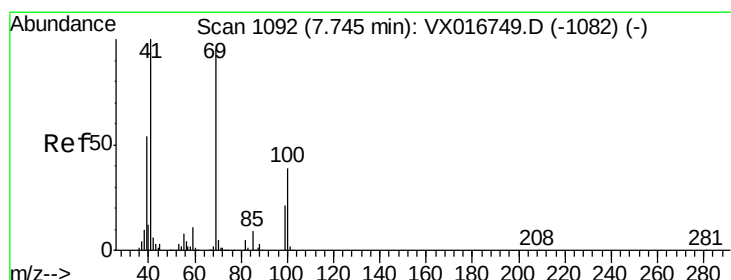
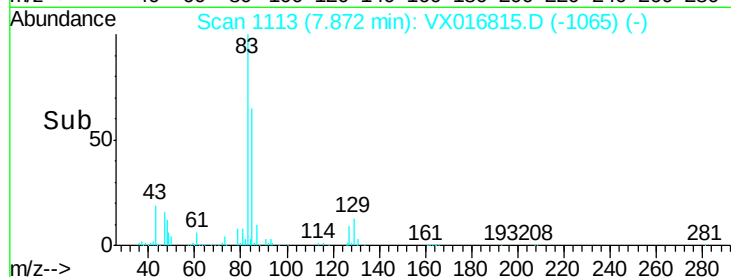
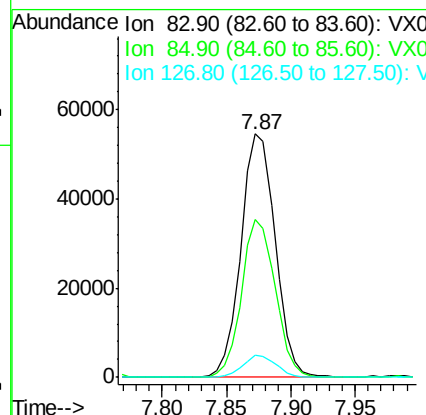
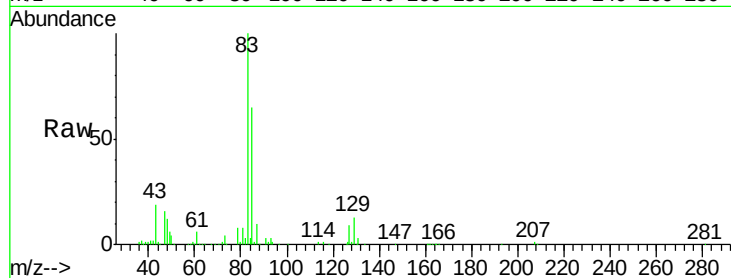
ClientSampleId :

VX0617WBS01

Tot Ion:	83	Resp:	100457
Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.5	78.7
127	9.1	7.5	11.3

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#48

Methyl methacrylate

Concen: 22.402 ug/l

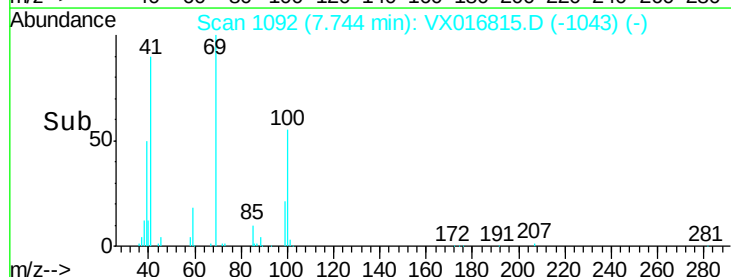
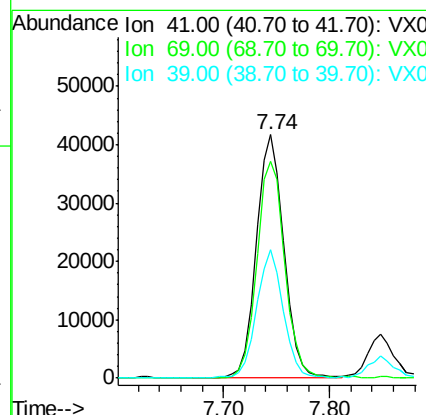
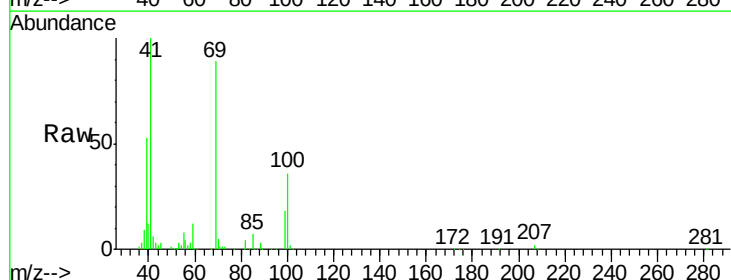
RT: 7.74 min Scan# 1092

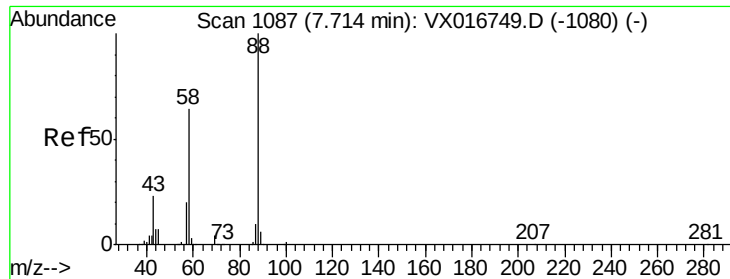
Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Tgt Ion:	41	Resp:	75208
Ion	Ratio	Lower	Upper
41	100		
69	90.7	75.0	112.6
39	51.8	44.3	66.5





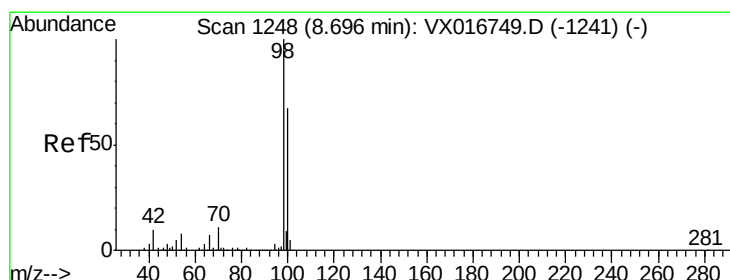
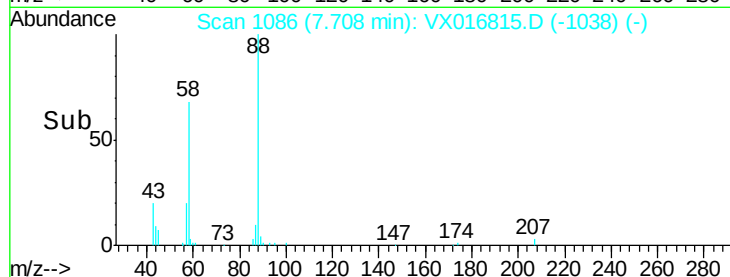
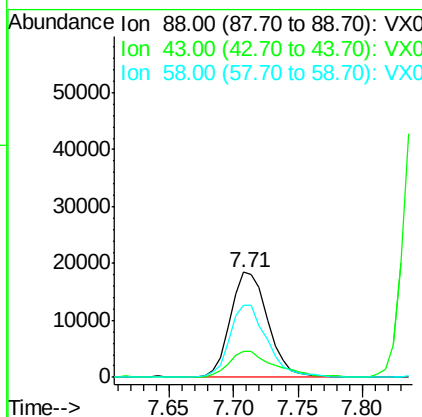
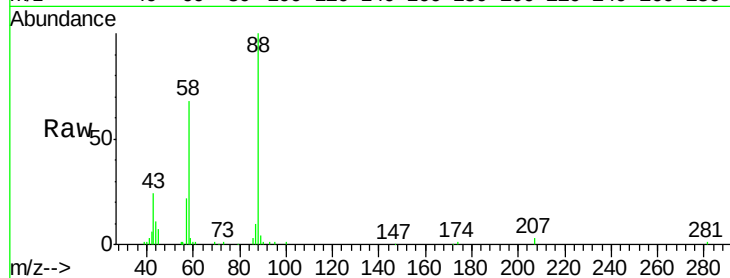
#49
1,4-Dioxane
Concen: 449.417 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	22.9	34.3
58	68.8	53.7	80.5

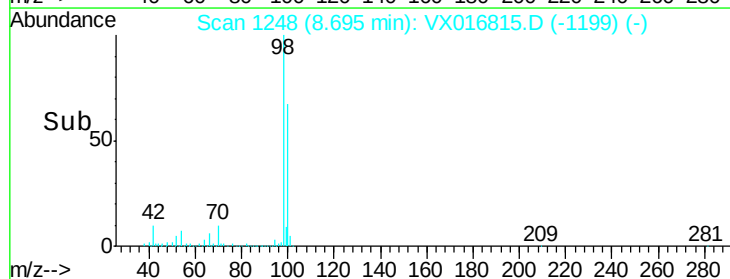
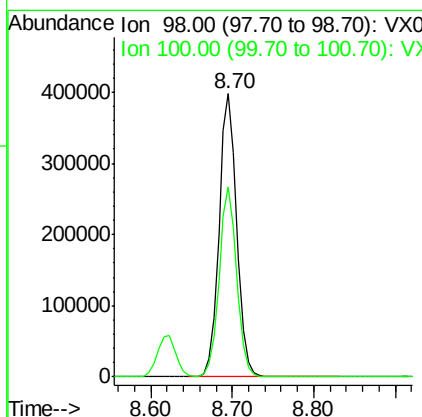
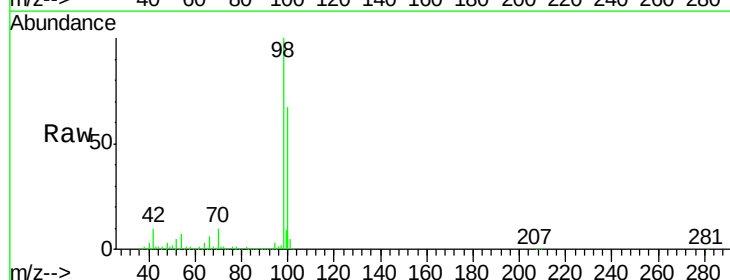
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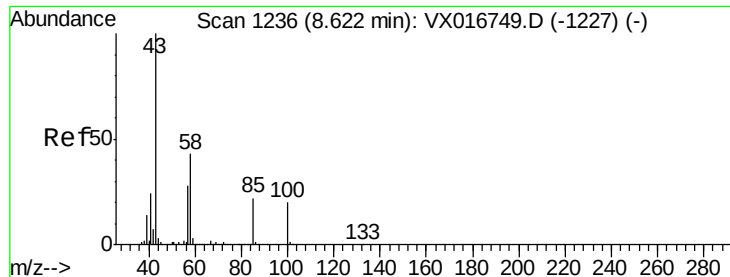
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#50
Toluene-d8
Concen: 56.478 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.9	80.9





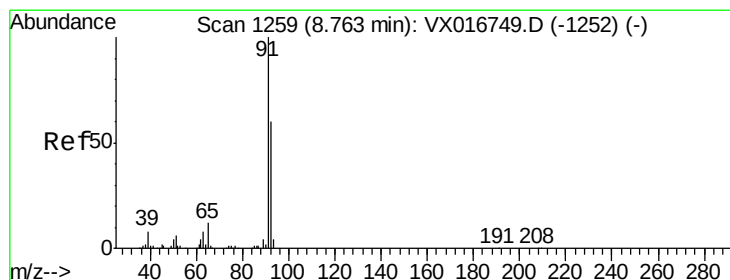
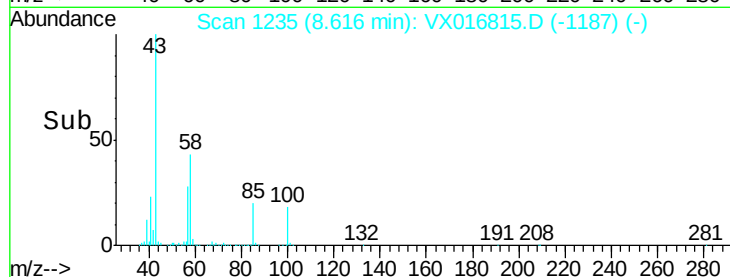
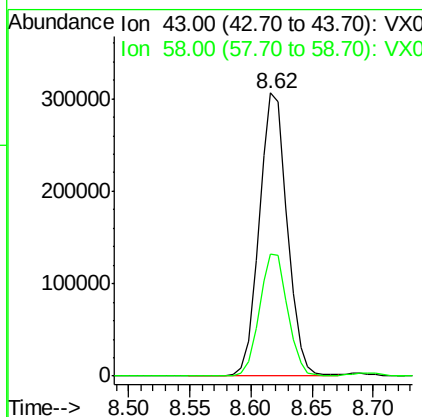
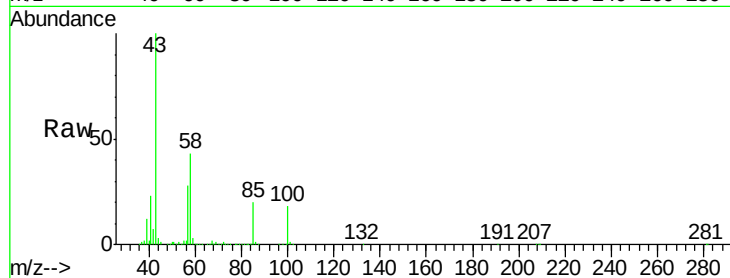
#51
4-Methyl-2-Pentanone
Concen: 111.925 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.4	34.6	52.0

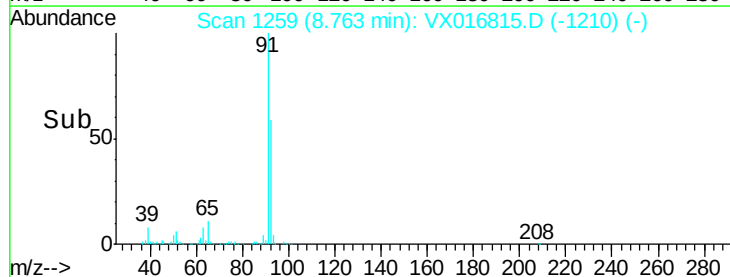
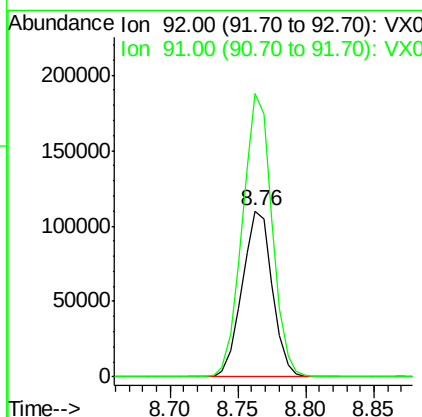
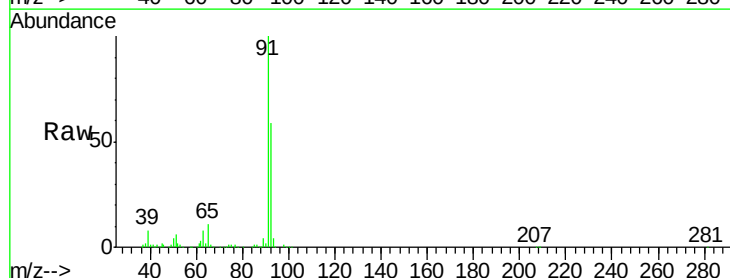
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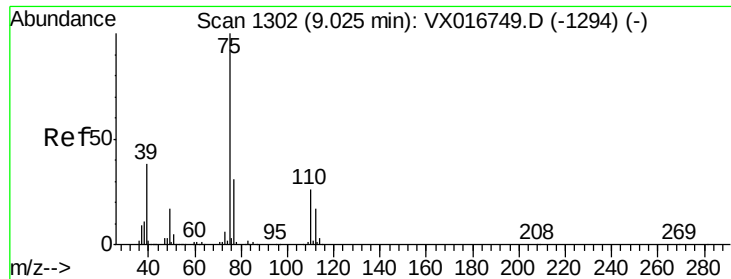
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#52
Toluene
Concen: 20.840 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.3	136.1	204.1





#53

t-1,3-Dichloropropene

Concen: 18.320 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion: 75 Resp: 96847

Ion Ratio Lower Upper

75 100

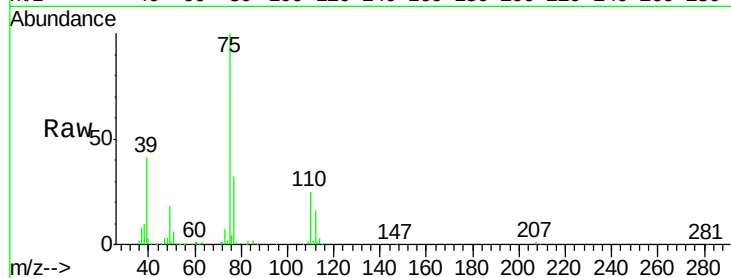
77 32.3 24.7 37.1

Manual Integrations

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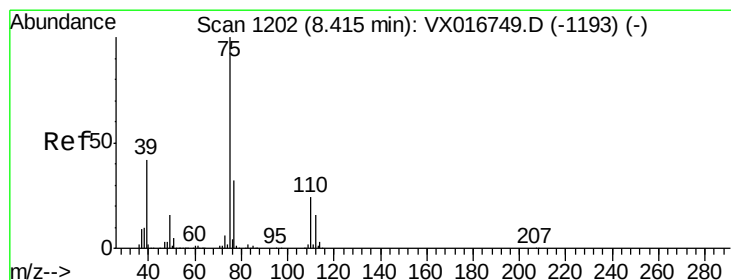
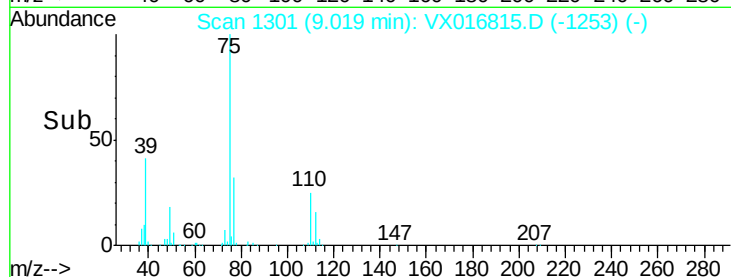
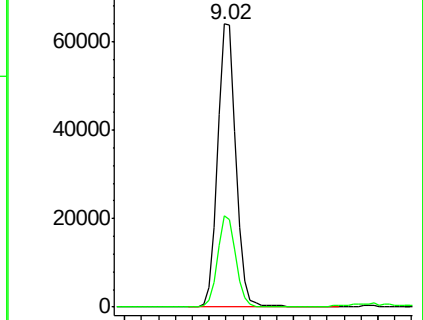
MMDadoda

6/18/2020 11:15:57 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 21.519 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

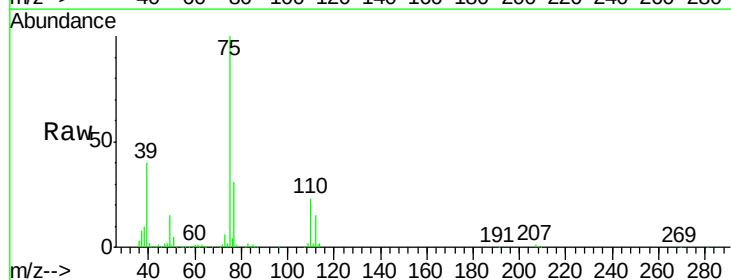
Tgt Ion: 75 Resp: 118657

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

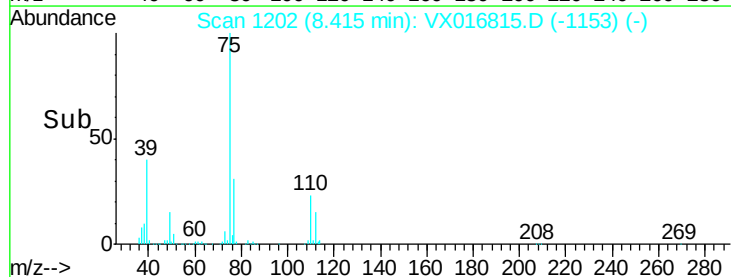
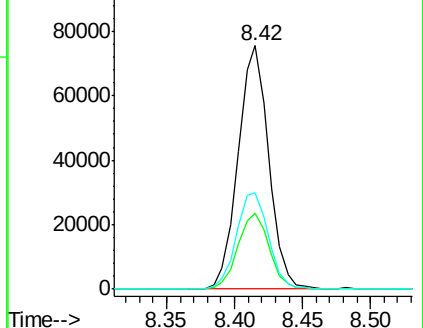
39 39.6 33.7 50.5

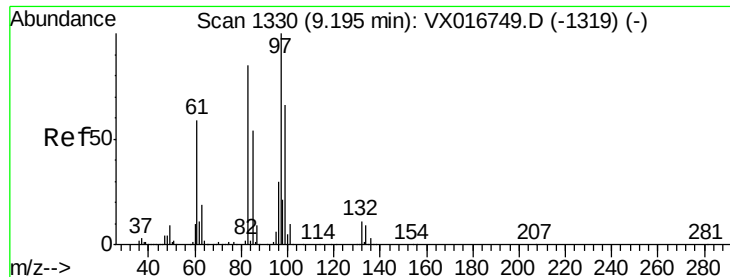


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





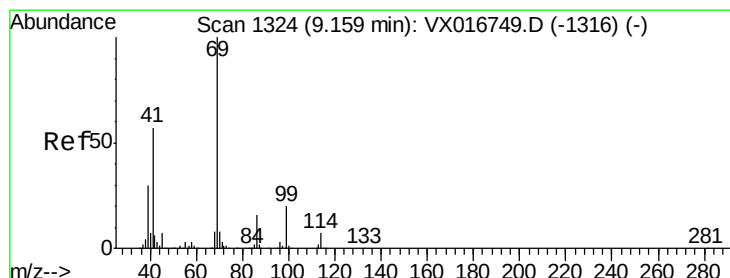
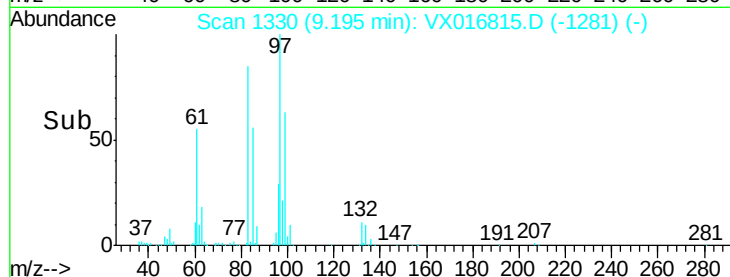
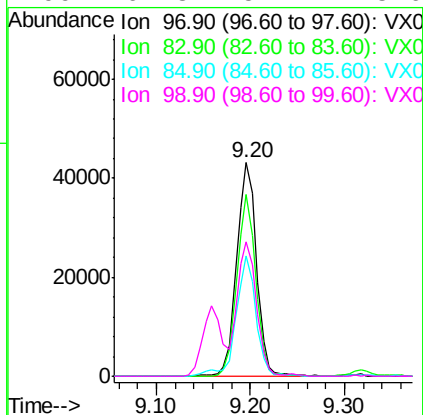
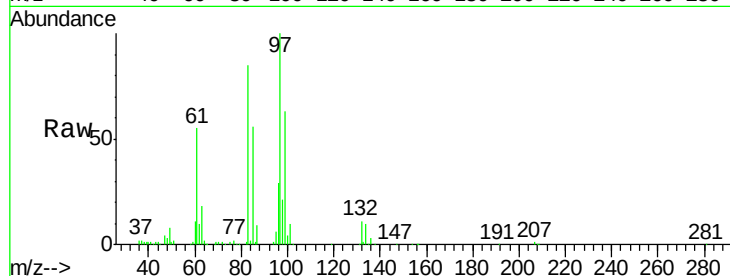
#55
 1,1,2-Trichloroethane
 Concen: 19.295 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

Tot Ion:	97	Resp:	63333
Ion	Ratio	Lower	Upper
97	100		
83	85.0	68.3	102.5
85	56.4	43.5	65.3
99	62.8	52.4	78.6

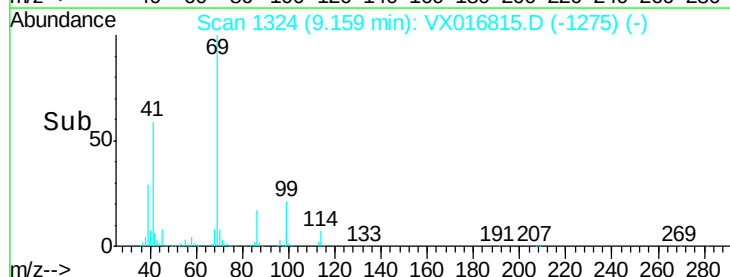
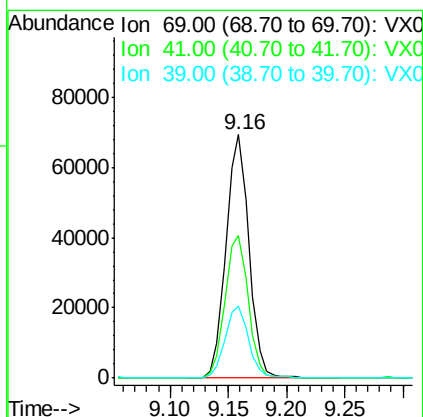
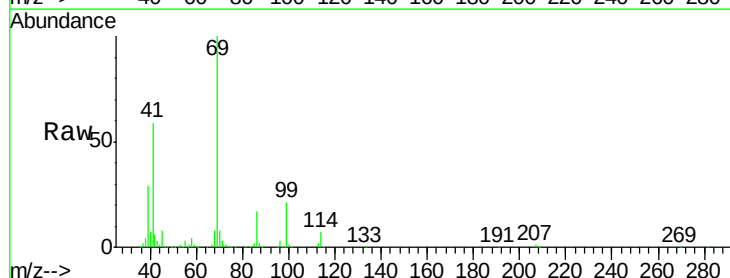
Manual Integrations
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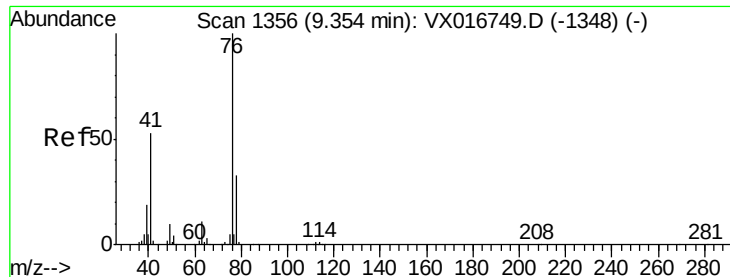
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#56
 Ethyl methacrylate
 Concen: 19.329 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Tgt Ion:	69	Resp:	94988
Ion	Ratio	Lower	Upper
69	100		
41	59.2	47.1	70.7
39	30.2	25.0	37.6





#57

1,3-Dichloropropane

Concen: 19.038 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion: 76 Resp: 105043

Ion Ratio Lower Upper

76 100

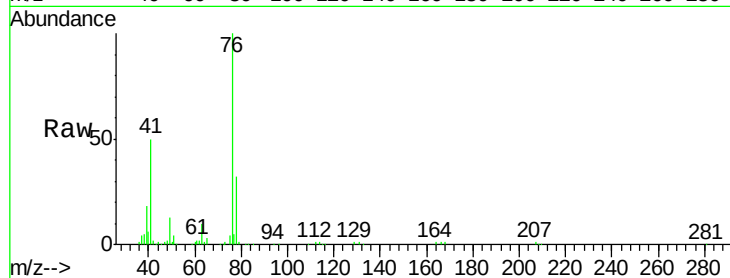
78 31.9 25.7 38.5

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

80000

60000

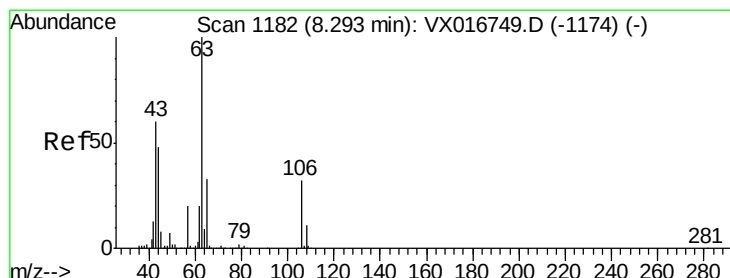
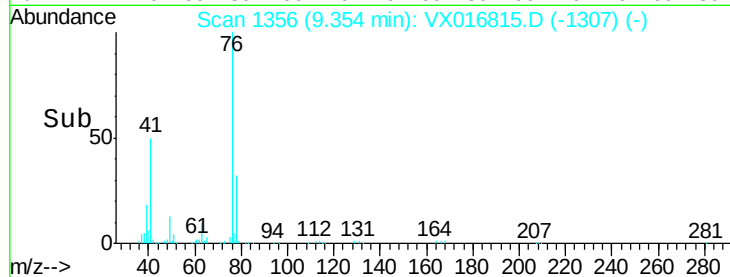
40000

20000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 116.739 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016815.D

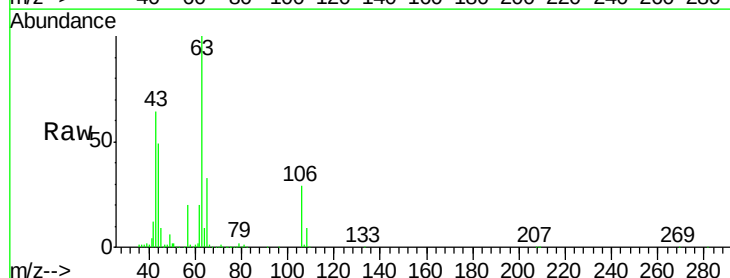
Acq: 17 Jun 2020 14:44

Tgt Ion: 63 Resp: 282081

Ion Ratio Lower Upper

63 100

106 30.3 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

200000

150000

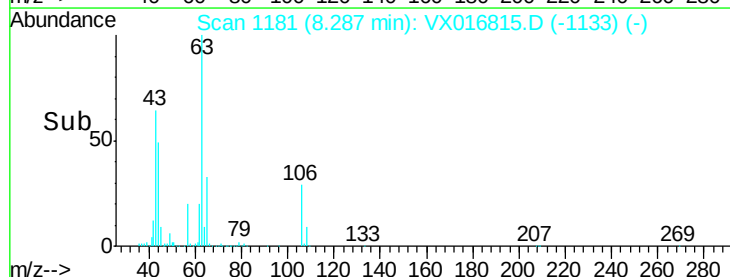
100000

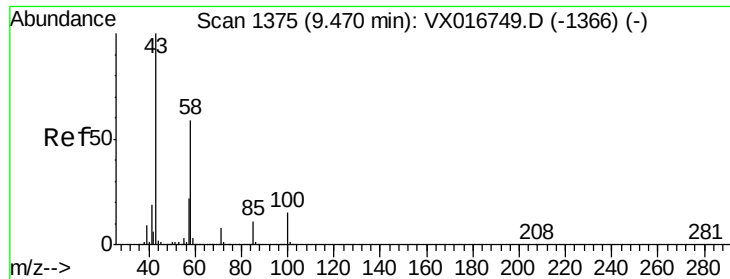
50000

0

8.20 8.25 8.30 8.35

Time-->





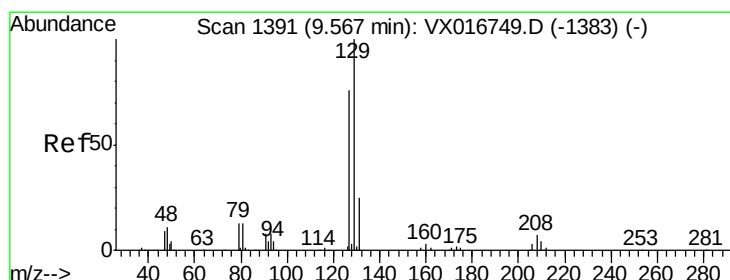
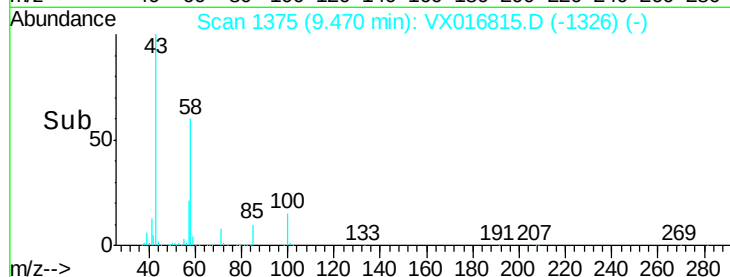
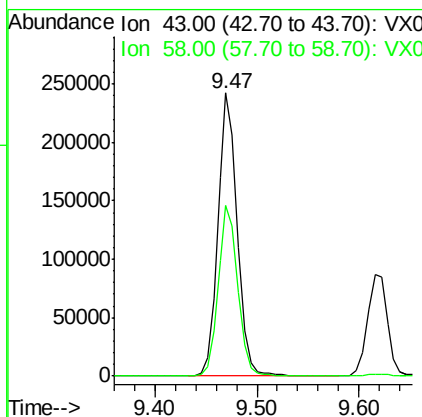
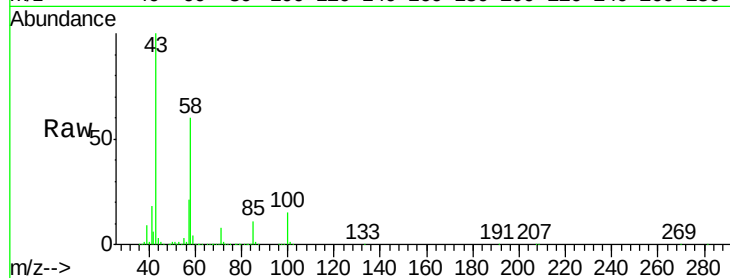
#59
2-Hexanone
Concen: 95.356 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion: 43 Resp: 321298
Ion Ratio Lower Upper
43 100
58 61.0 29.9 89.8

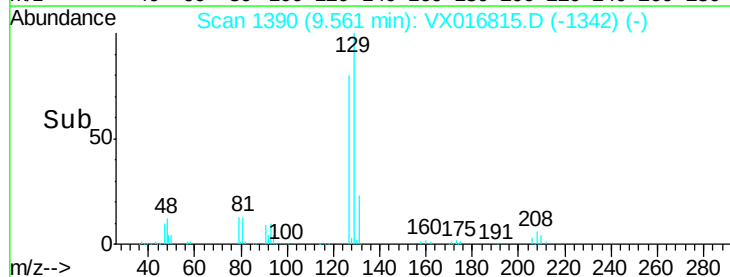
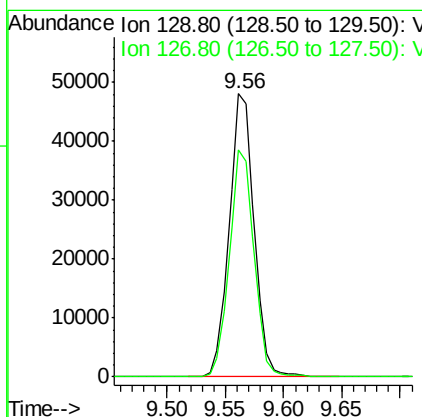
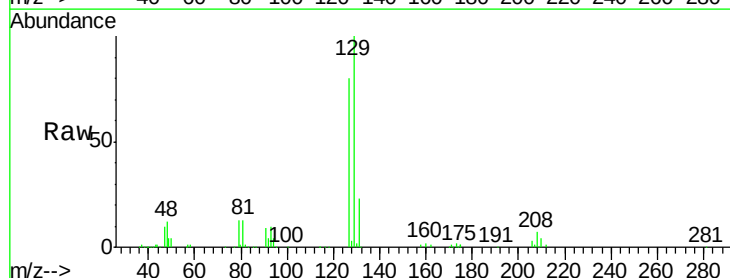
Manual Integrations
APPROVED

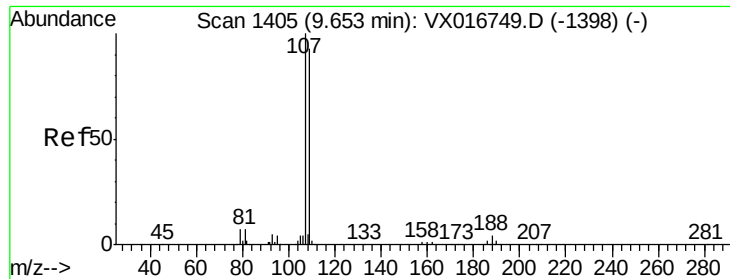
MMDadoda
6/18/2020 11:15:57 AM



#60
Dibromochloromethane
Concen: 18.443 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion: 129 Resp: 71544
Ion Ratio Lower Upper
129 100
127 79.5 38.7 116.1





#61

1,2-Dibromoethane

Concen: 18.859 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion:107 Resp: 67462

Ion Ratio Lower Upper

107 100

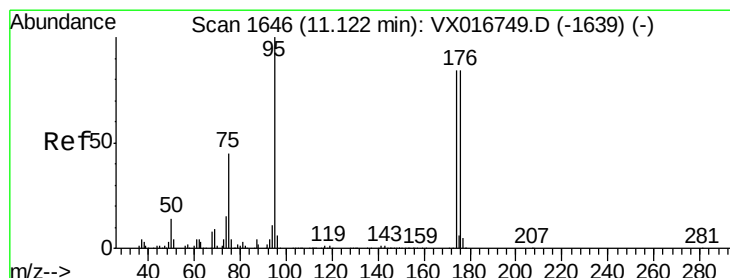
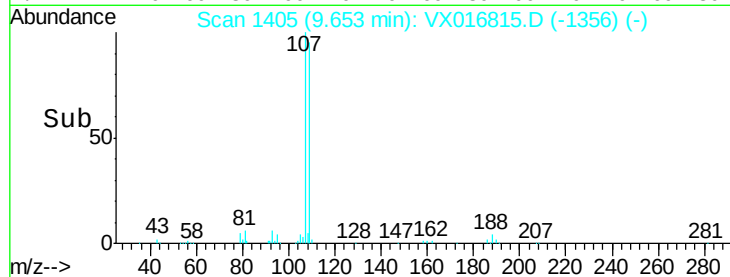
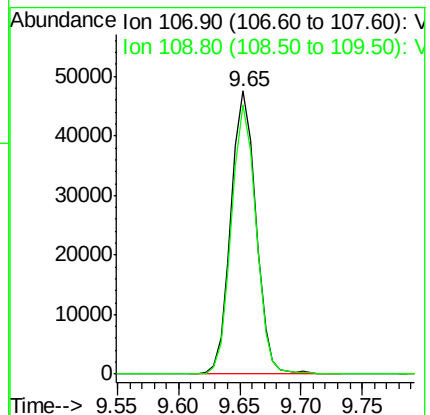
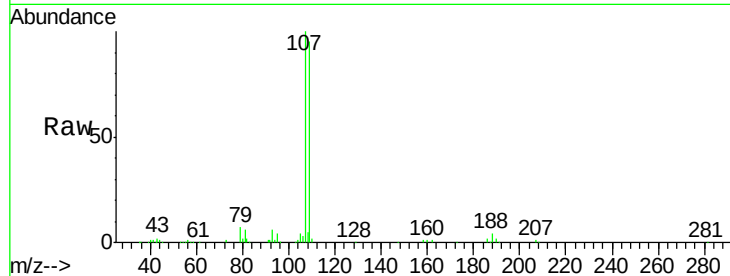
109 93.9 74.2 111.4

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#62

4-Bromofluorobenzene

Concen: 50.306 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

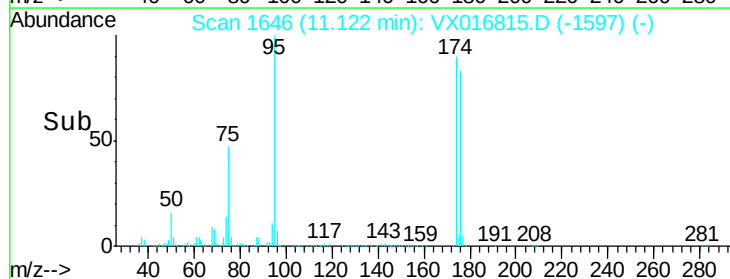
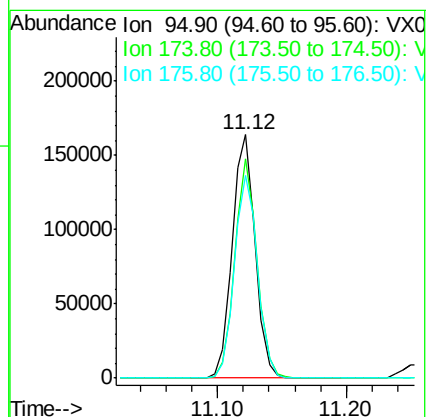
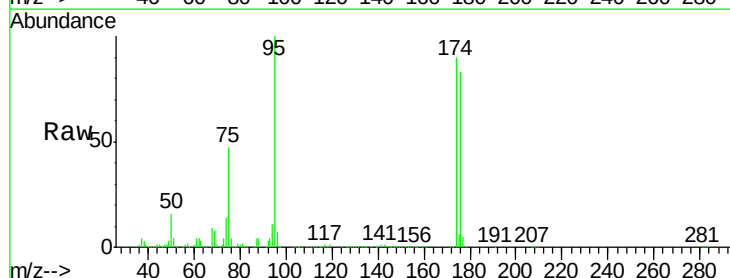
Tgt Ion: 95 Resp: 204426

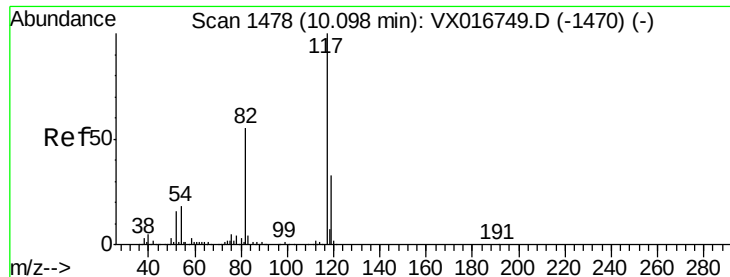
Ion Ratio Lower Upper

95 100

174 87.1 0.0 171.0

176 83.9 0.0 166.2





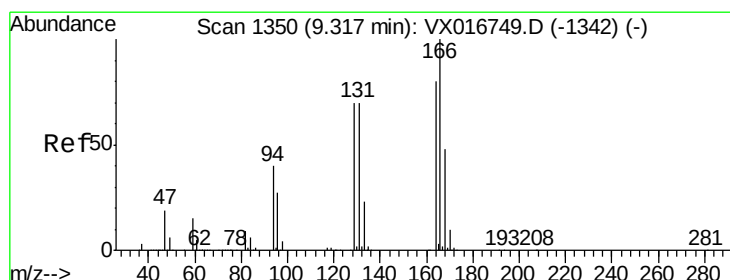
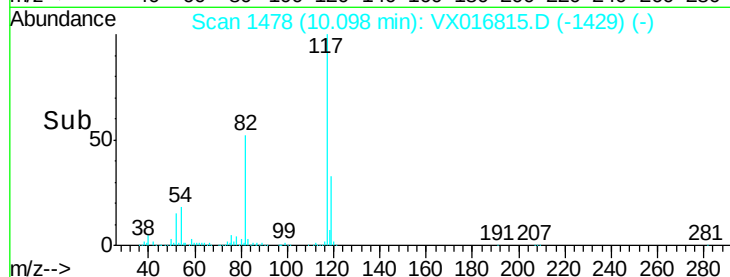
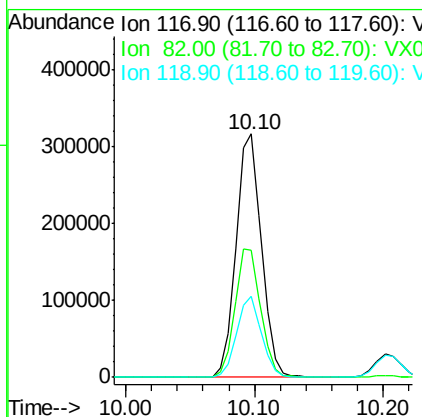
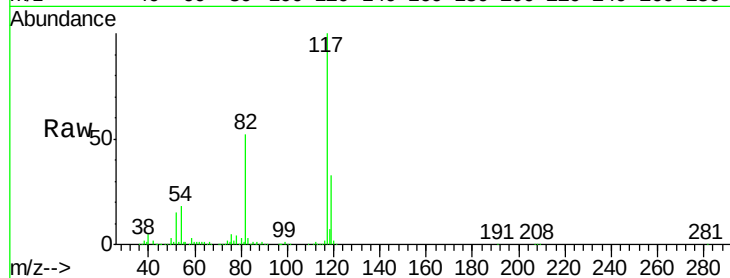
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	43.8	65.6
119	33.2	26.2	39.4

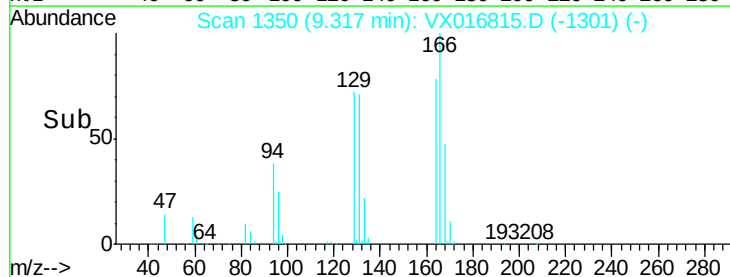
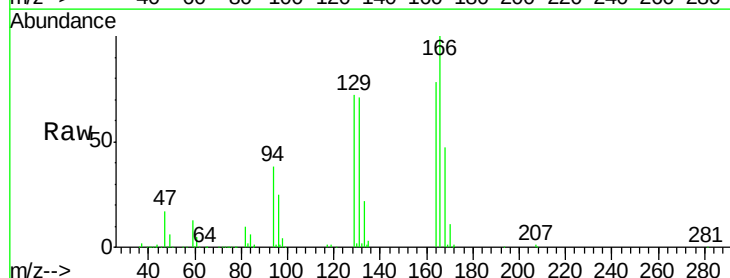
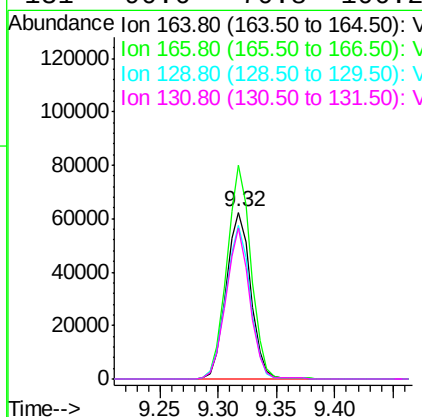
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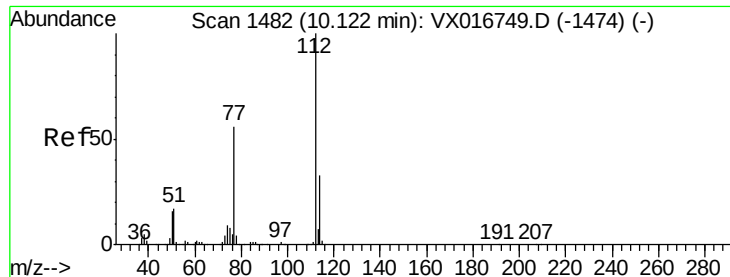
MMDadoda
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#64
Tetrachloroethene
Concen: 22.014 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	100.6	150.8
129	92.2	70.1	105.1
131	90.6	70.8	106.2





#65

Chlorobenzene

Concen: 19.268 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion:112 Resp: 169453

Ion Ratio Lower Upper

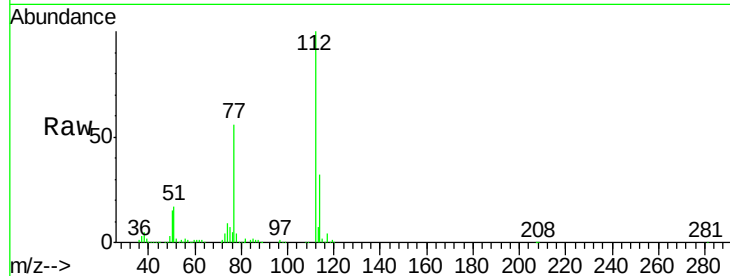
112 100

114 32.1 26.2 39.4

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

150000

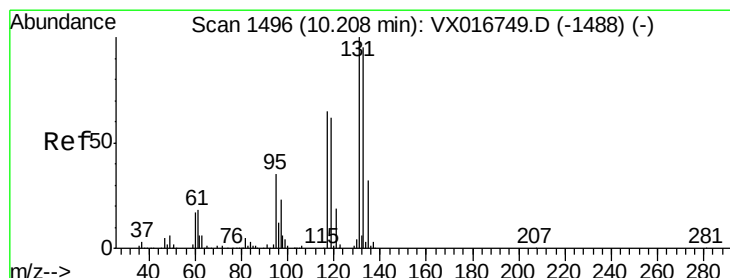
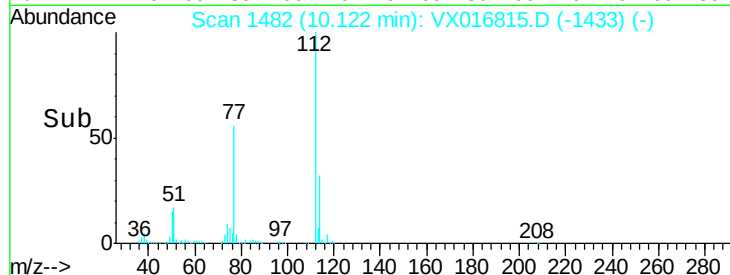
100000

50000

0

Time-->

10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 18.580 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

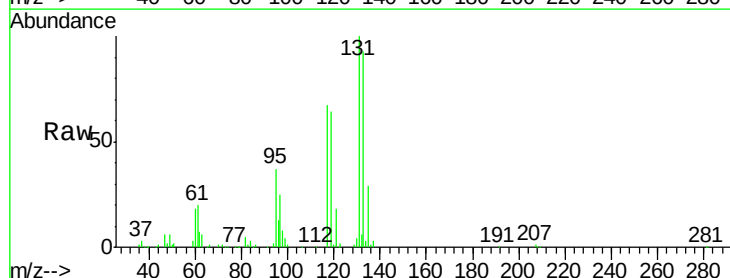
Tgt Ion:131 Resp: 65186

Ion Ratio Lower Upper

131 100

133 94.7 46.8 140.3

119 63.9 31.4 94.0



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

10.20

80000

60000

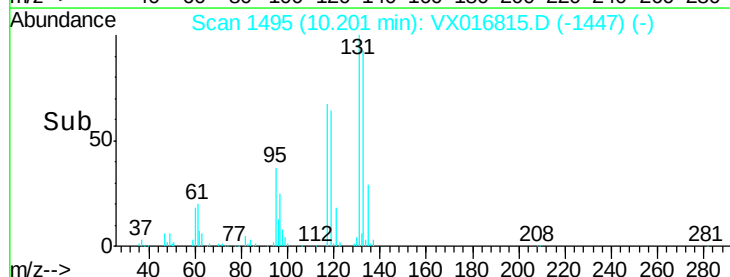
40000

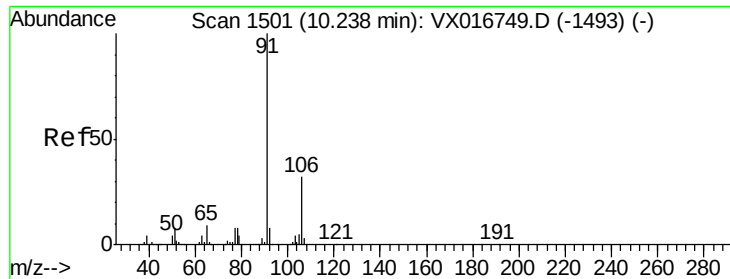
20000

0

Time-->

10.20 10.30





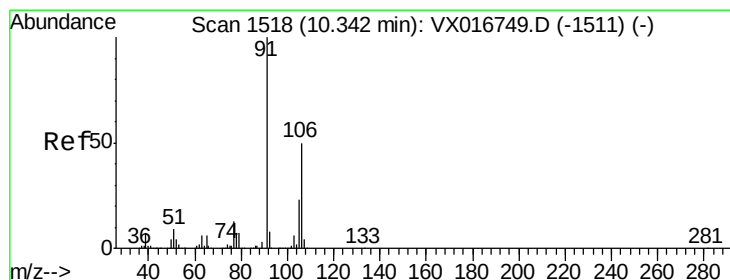
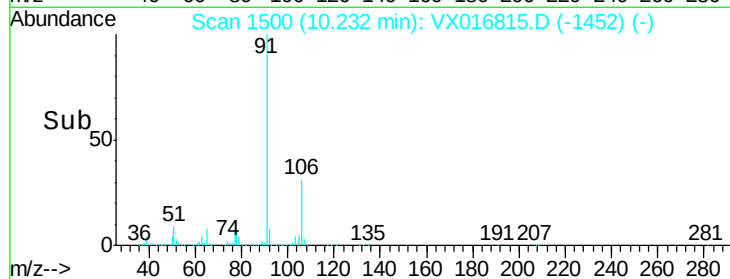
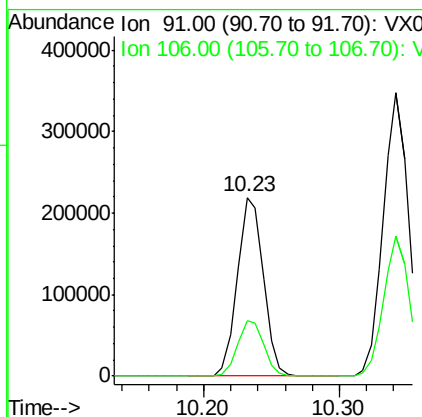
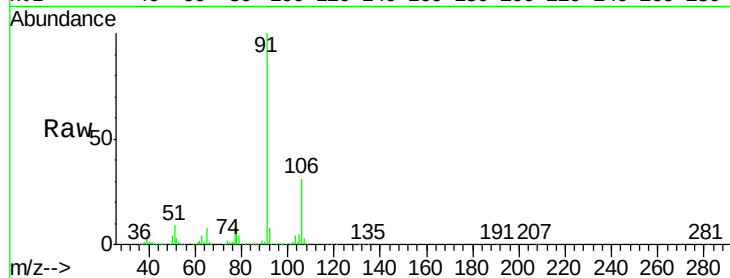
#67
Ethyl Benzene
Concen: 19.677 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion: 91 Resp: 292556
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9

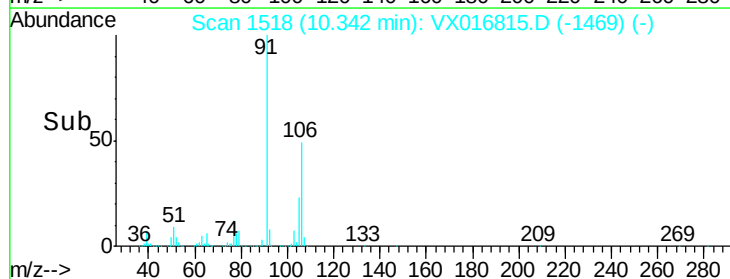
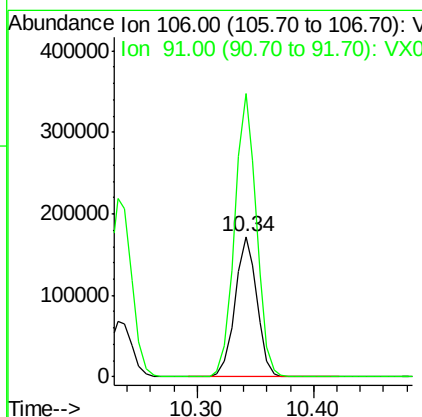
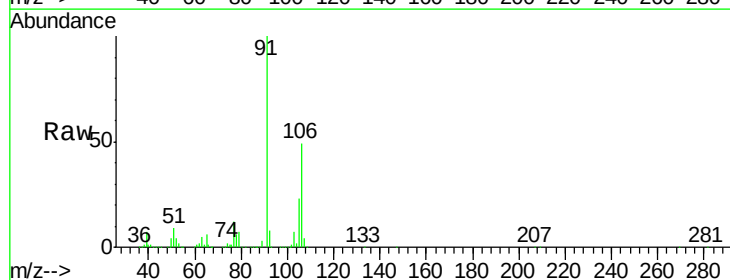
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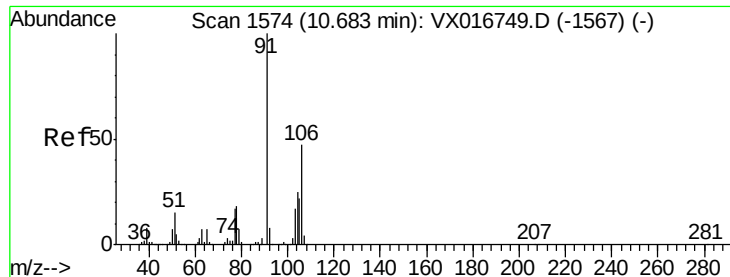
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#68
m/p-Xylenes
Concen: 40.006 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion: 106 Resp: 225516
Ion Ratio Lower Upper
106 100
91 200.8 161.2 241.8





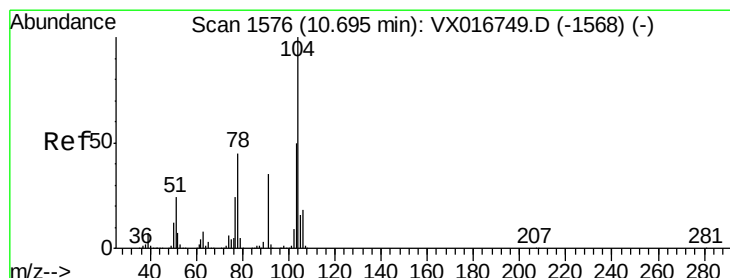
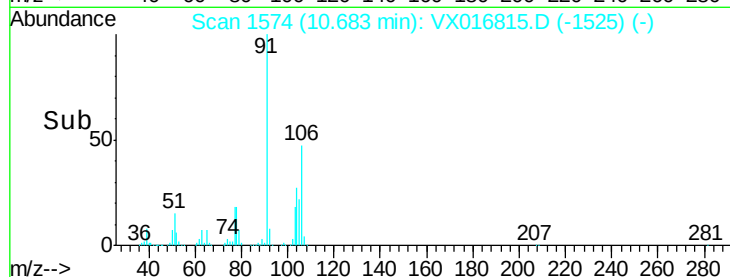
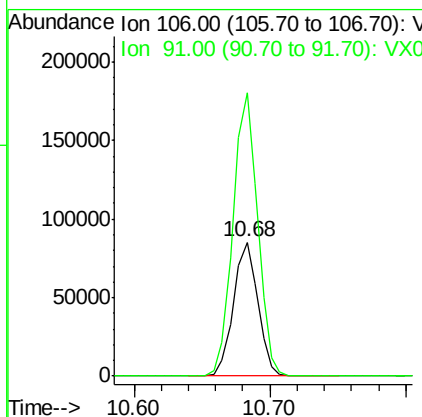
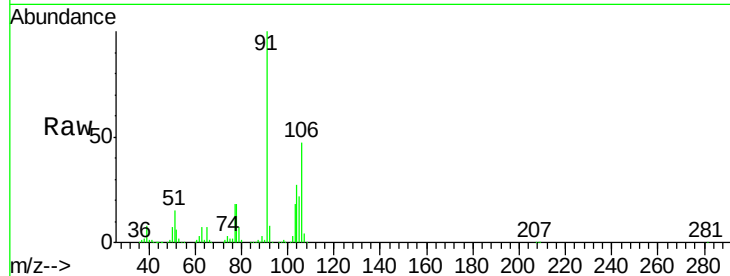
#69
o-Xylene
Concen: 19.616 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	213.7	106.9	320.8		

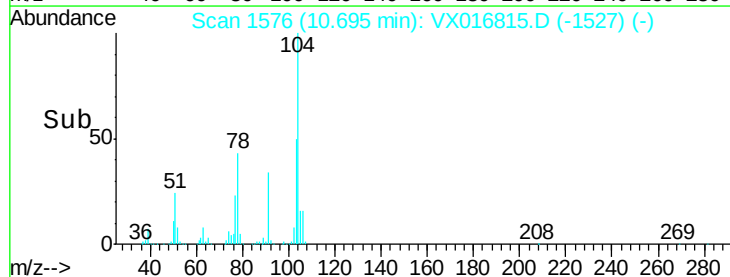
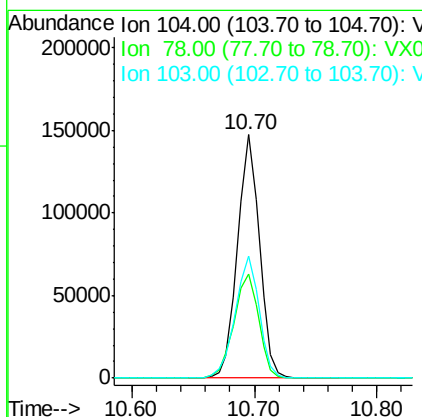
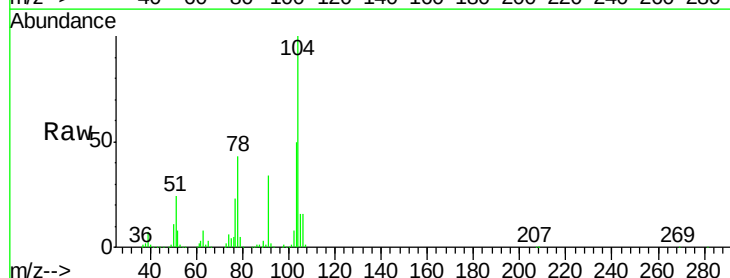
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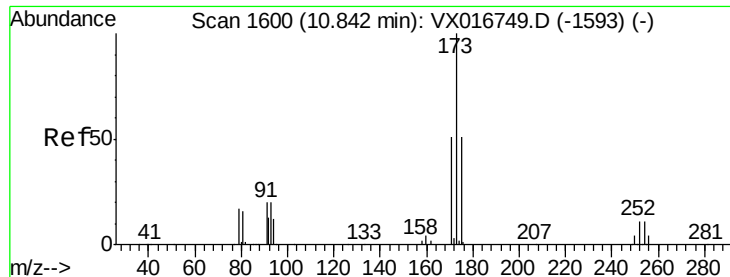
MMDadoda
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#70
Styrene
Concen: 19.475 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	48.5	39.8	59.8		
103	54.4	43.4	65.2		





#71

Bromoform

Concen: 19.076 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion:173 Resp: 57104

Ion Ratio Lower Upper

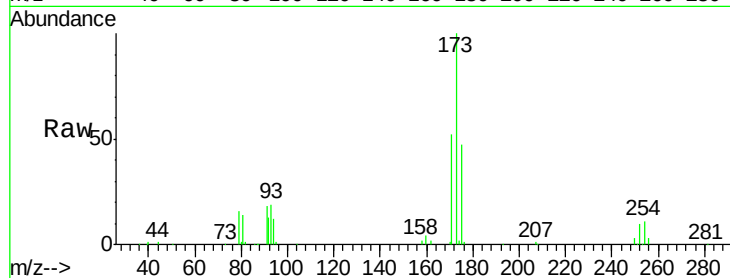
173 100

175 47.1 25.1 75.4

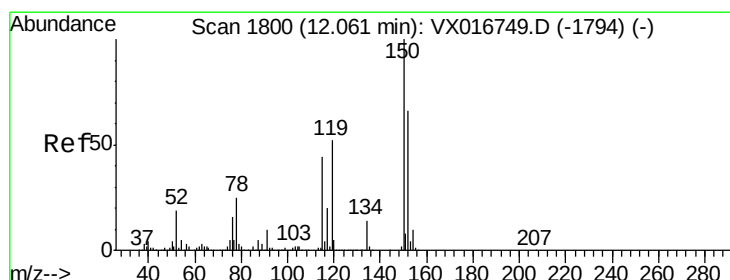
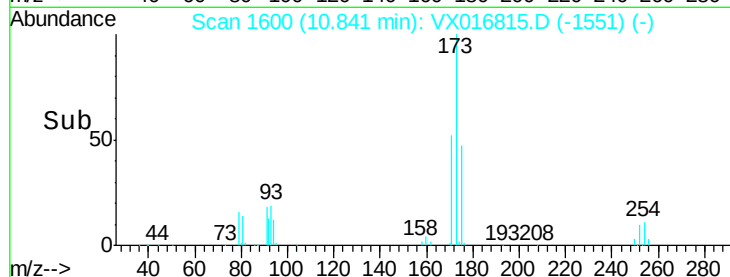
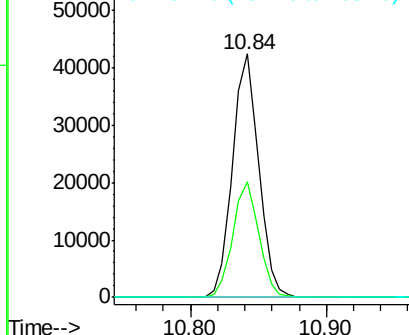
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

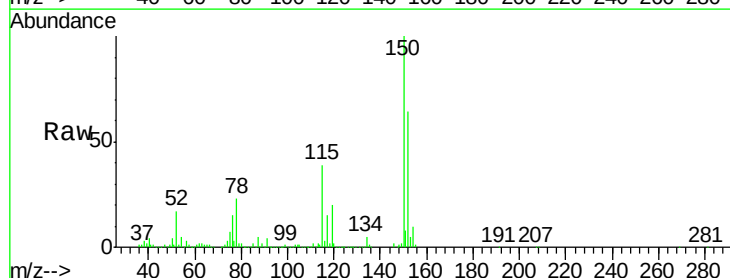
Tgt Ion:152 Resp: 236906

Ion Ratio Lower Upper

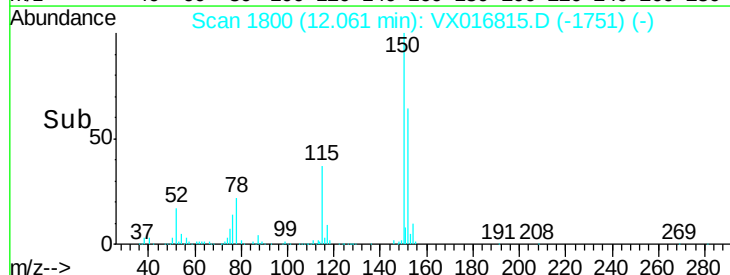
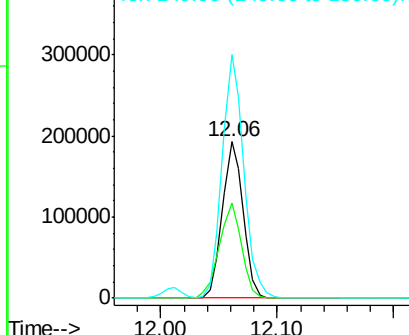
152 100

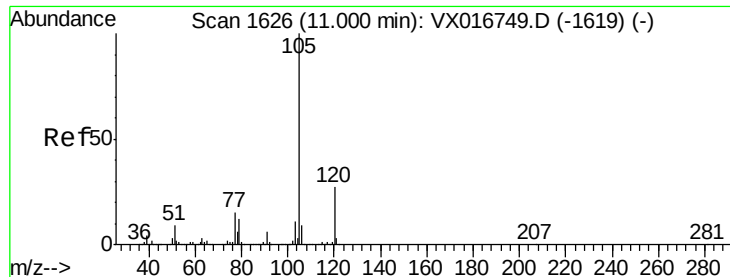
115 65.5 40.3 120.8

150 163.4 0.0 337.4



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: 18.245 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion:105 Resp: 283615

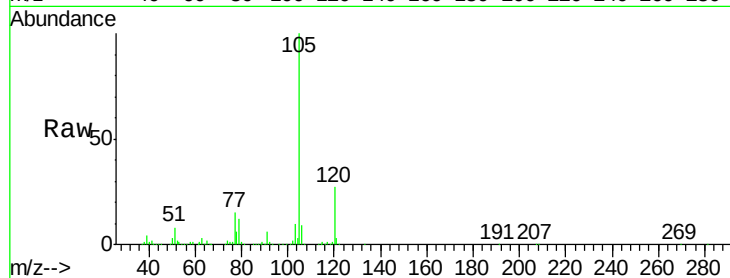
Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5

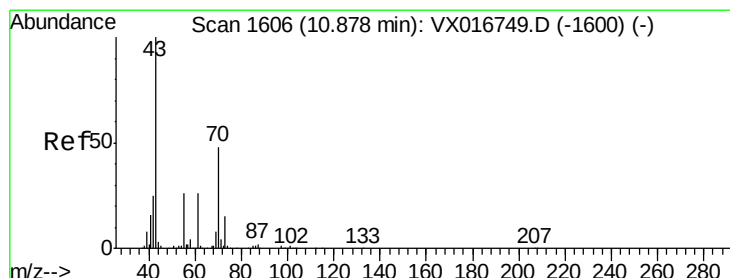
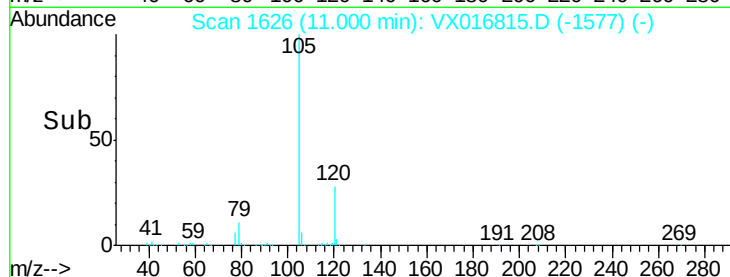
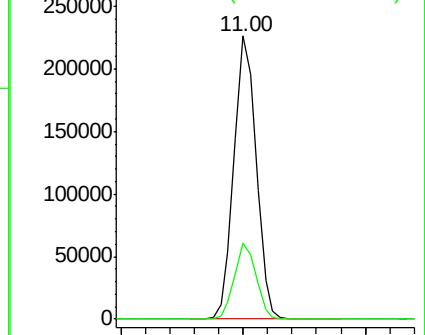
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.124 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Tgt Ion: 43 Resp: 109499

Ion Ratio Lower Upper

43 100

70 49.4 39.8 59.6

55 26.6 21.7 32.5

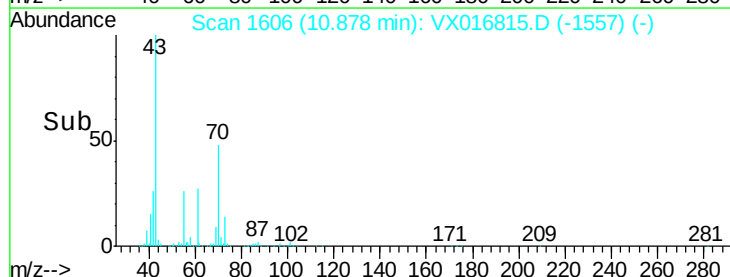
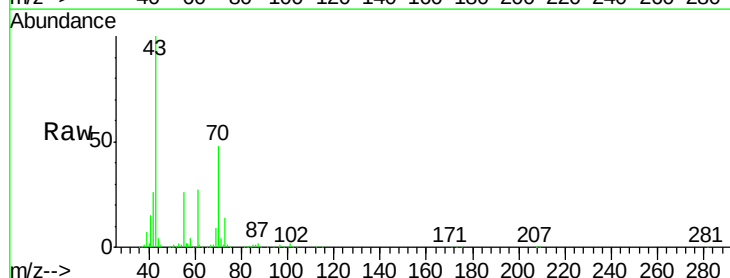
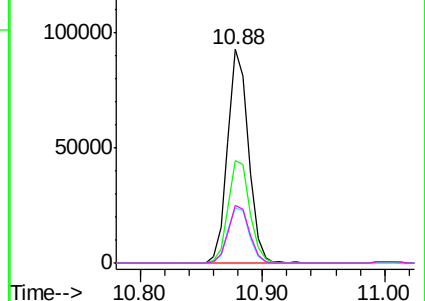
61 27.1 21.6 32.4

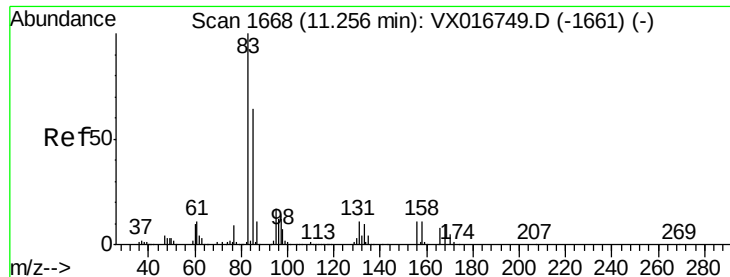
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 15.624 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

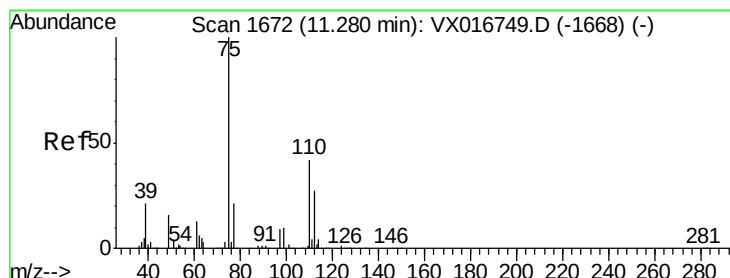
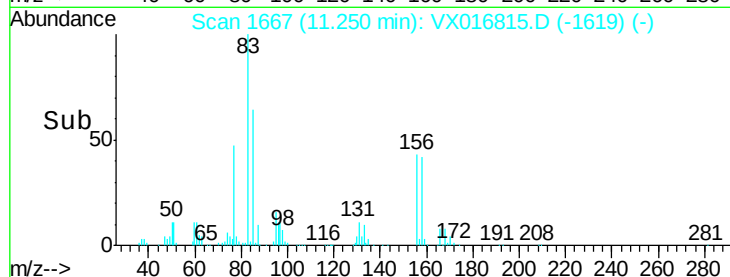
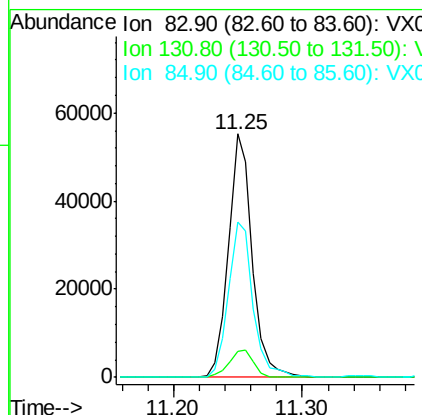
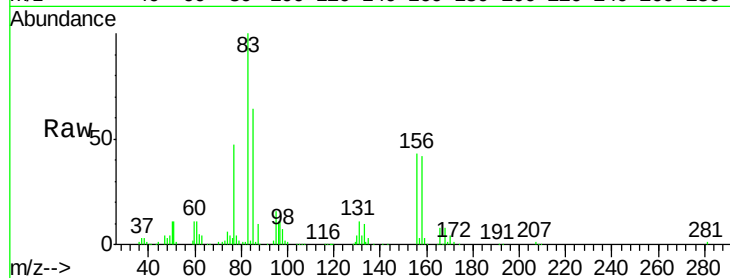
ClientSampleId :

VX0617WBS01

Tot Ion:	83	Resp:	71446
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.7	17.0
85	66.5	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 18.861 ug/l m

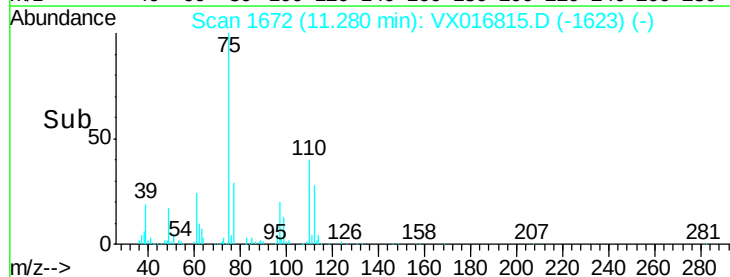
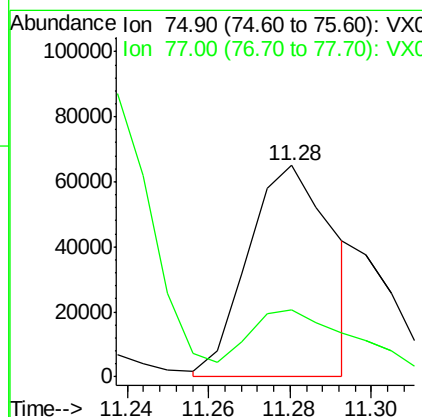
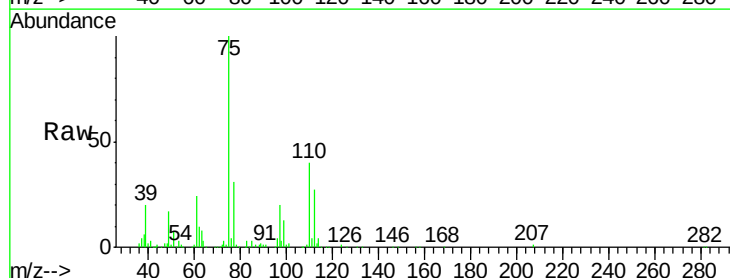
RT: 11.28 min Scan# 1672

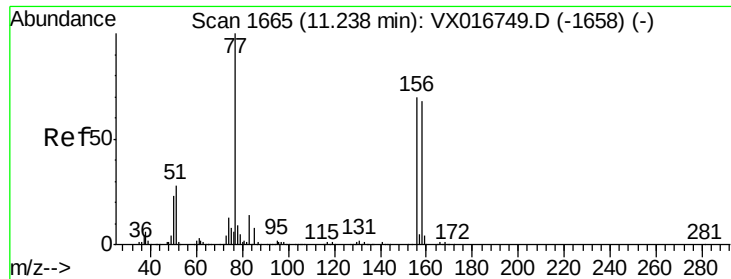
Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Tgt Ion:	75	Resp:	93968
Ion Ratio	Lower	Upper	
75	100		
77	40.9	20.3	60.9





#77

Bromobenzene

Concen: 17.529 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

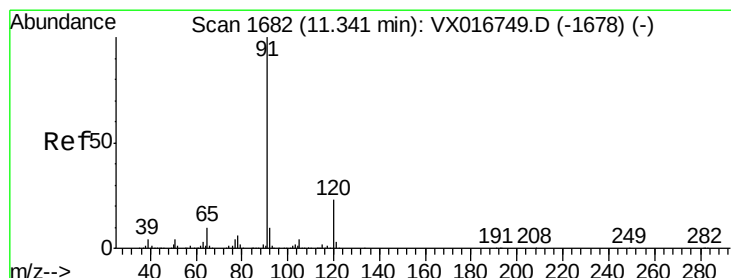
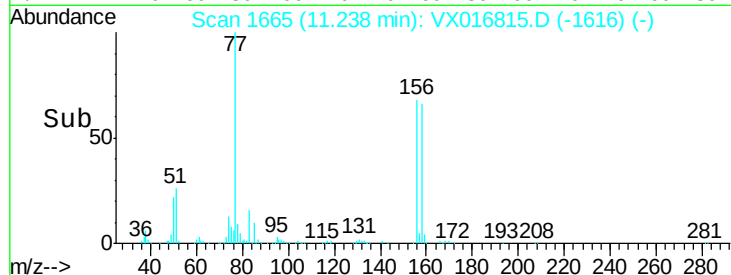
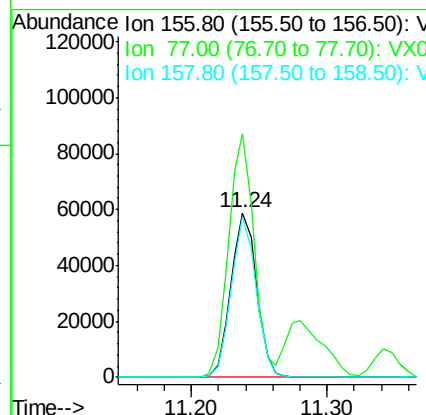
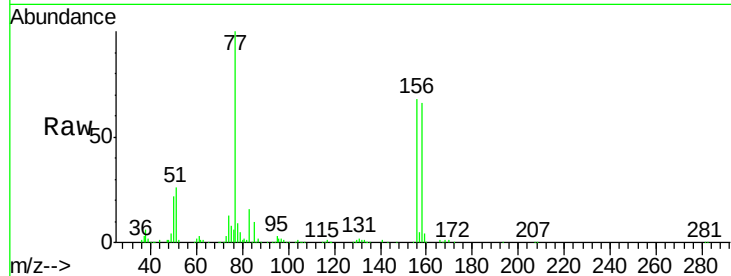
ClientSampleId :

VX0617WBS01

Tot Ion:	156	Resp:	76937
Ion Ratio	Lower	Upper	
156	100		
77	147.1	73.2	219.6
158	94.9	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 19.523 ug/l

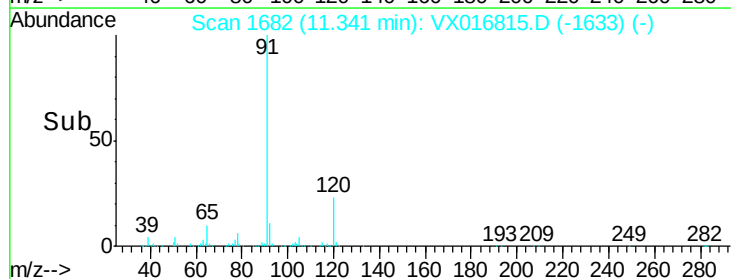
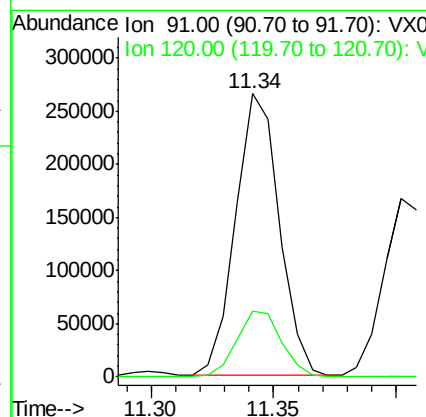
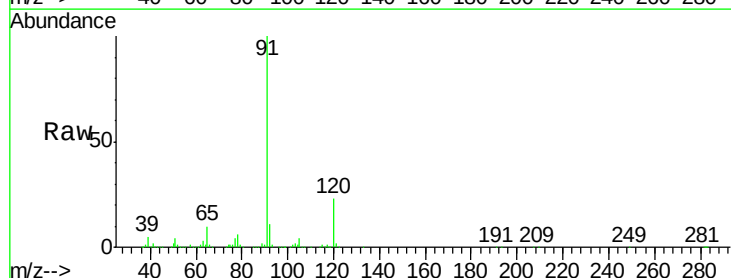
RT: 11.34 min Scan# 1682

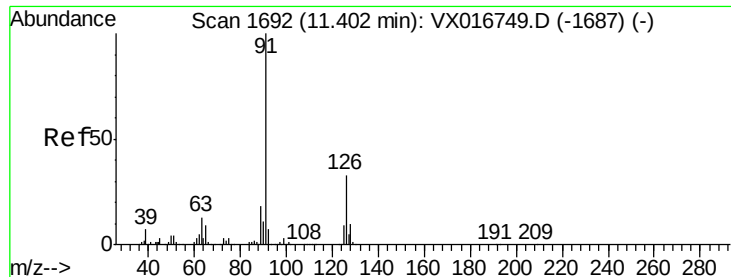
Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Tgt Ion:	91	Resp:	329582
Ion Ratio	Lower	Upper	
91	100		
120	24.1	12.0	36.0





#79

2-Chlorotoluene

Concen: 20.015 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion: 91 Resp: 213664

Ion Ratio Lower Upper

91 100

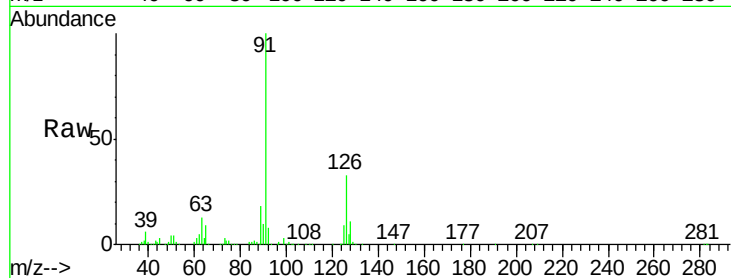
126 34.5 17.2 51.5

Manual Integrations

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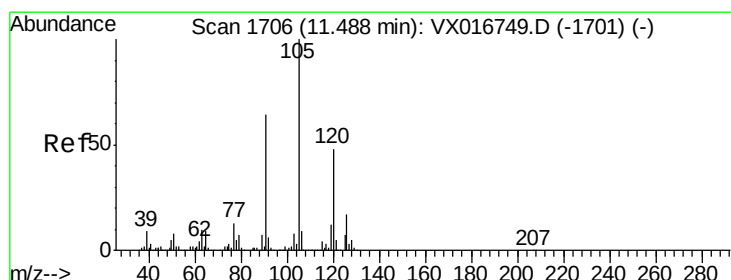
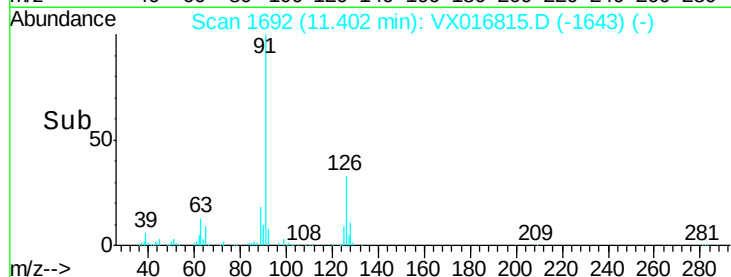
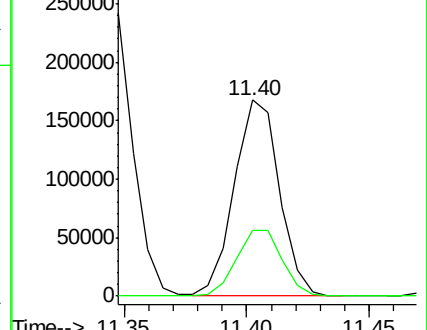
MMDadoda

6/18/2020 11:15:57 AM



Abundance Ion 91.00 (90.70 to 91.70): VX016749.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX016749.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.417 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016815.D

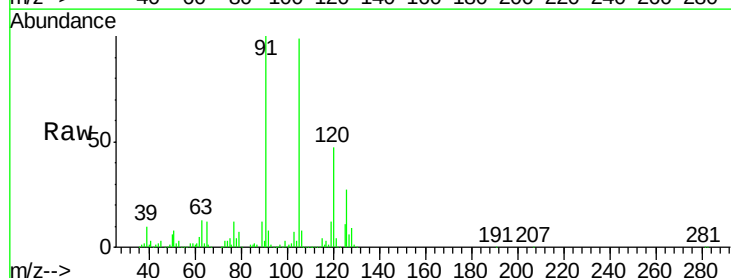
Acq: 17 Jun 2020 14:44

Tgt Ion: 105 Resp: 266052

Ion Ratio Lower Upper

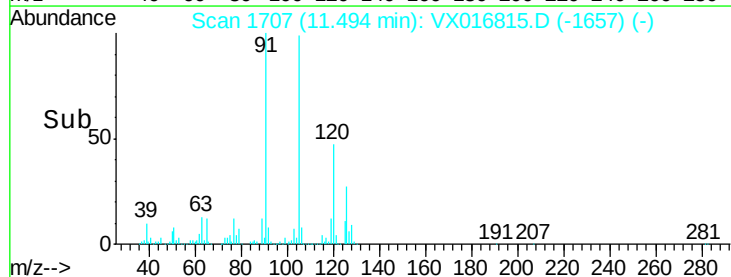
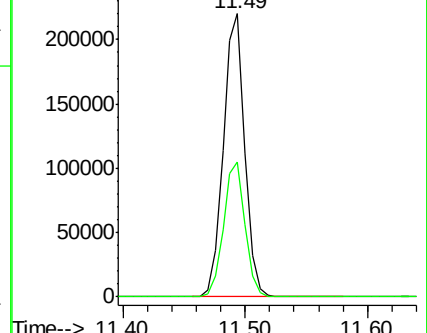
105 100

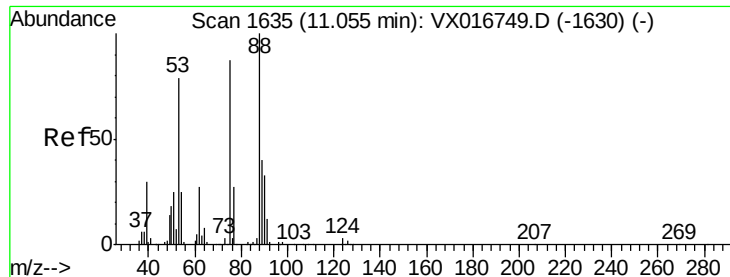
120 47.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX016749.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016749.D (-1701) (-)





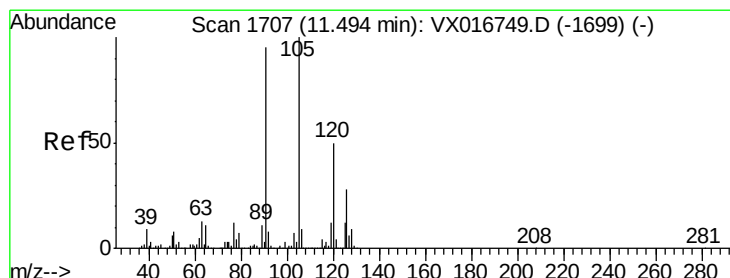
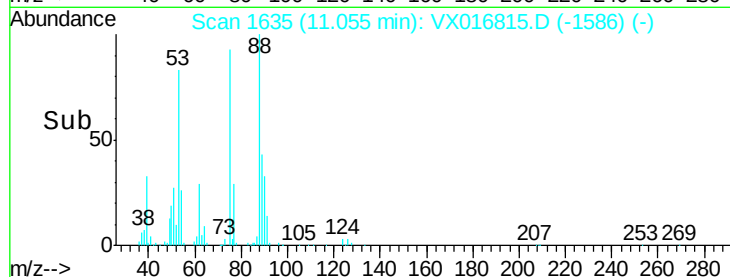
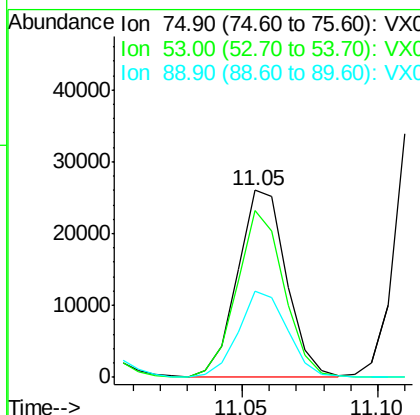
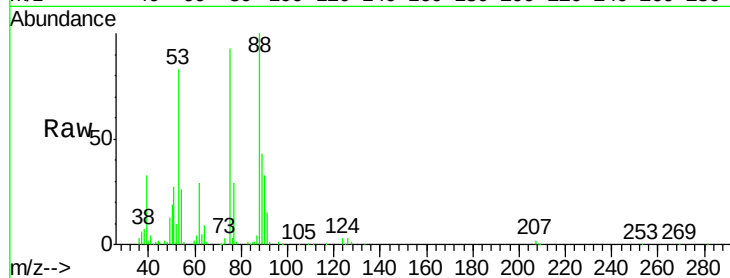
#81
trans-1,4-Dichloro-2-butene
Concen: 16.295 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.1	71.4	107.0
89	46.8	39.1	58.7

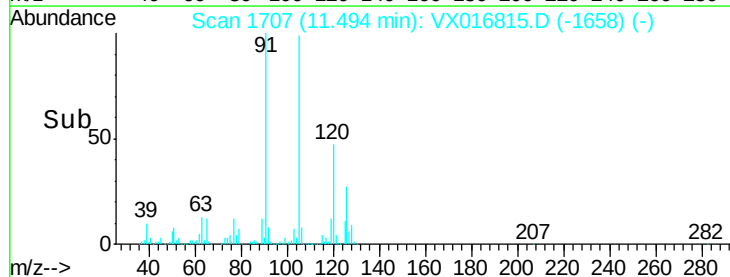
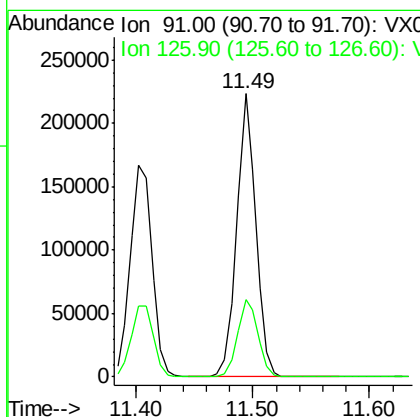
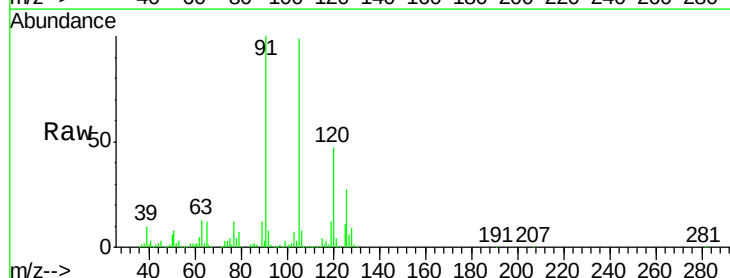
Manual Integrations
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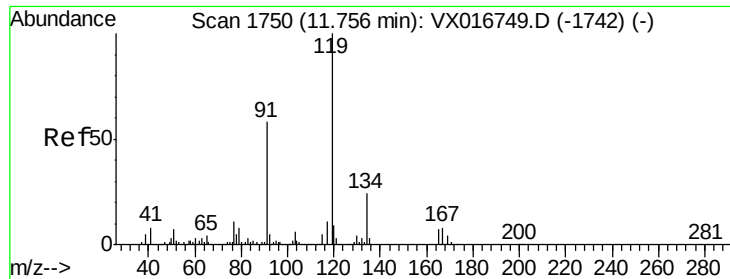
MMDadoda
6/18/2020 11:15:57 AM



#82
4-Chlorotoluene
Concen: 20.493 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.3	15.2	45.6





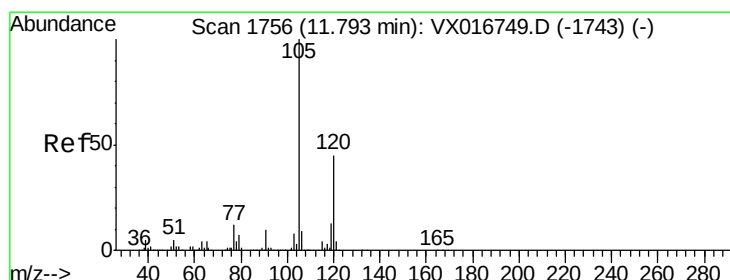
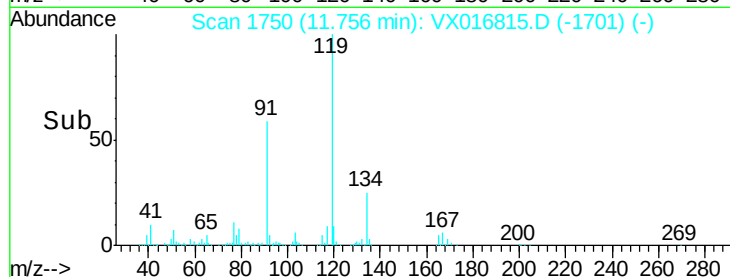
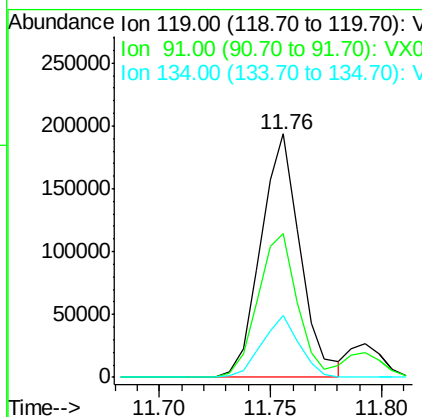
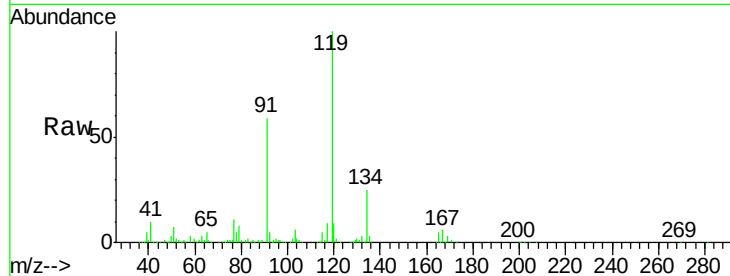
#83
 tert-Butylbenzene
 Concen: 19.984 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	238283		
91	58.9	29.3	88.0	
134	23.9	11.8	35.3	

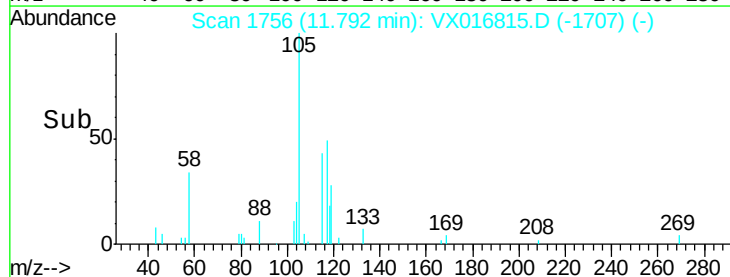
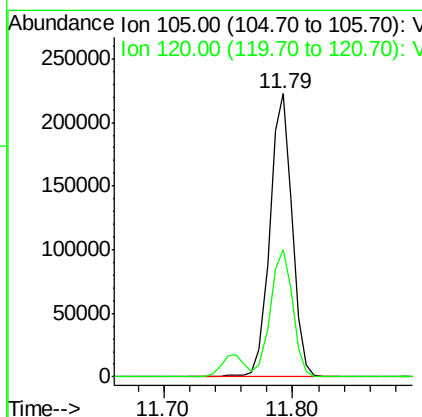
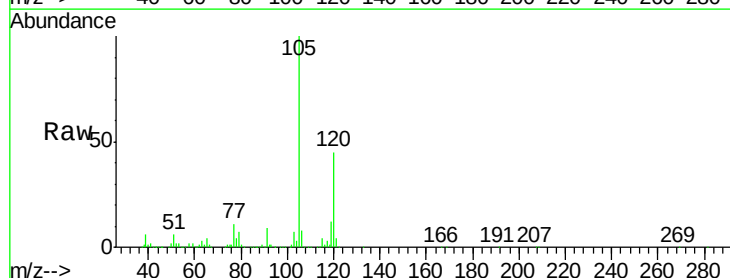
Manual Integrations
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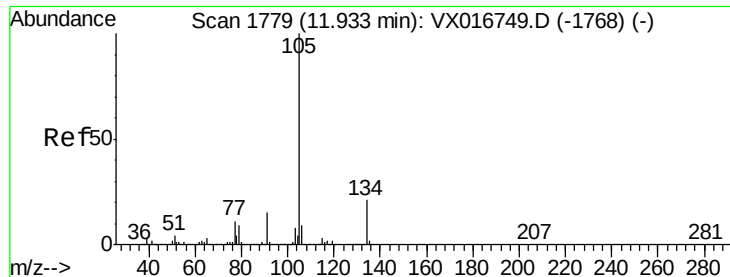
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 6/18/2020 11:15:57 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.291 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	267471		
120	45.1	22.6	67.8	





#85

sec-Butylbenzene

Concen: 20.881 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

ClientSampled :

VX0617WBS01

Tot Ion:105 Resp: 291231

Ion Ratio Lower Upper

105 100

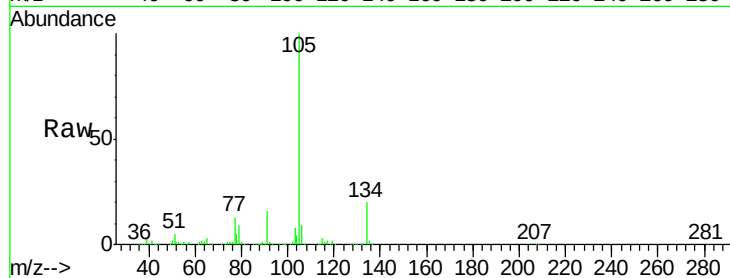
134 20.7 10.3 30.8

Manual Integrations

APPROVED

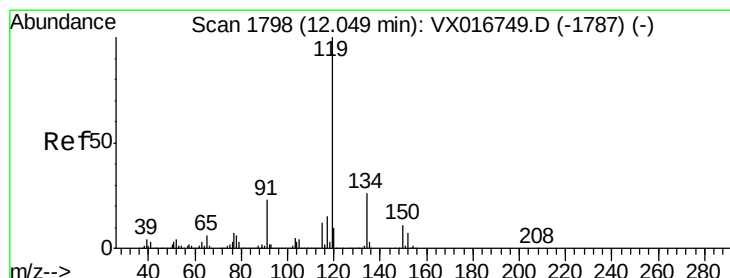
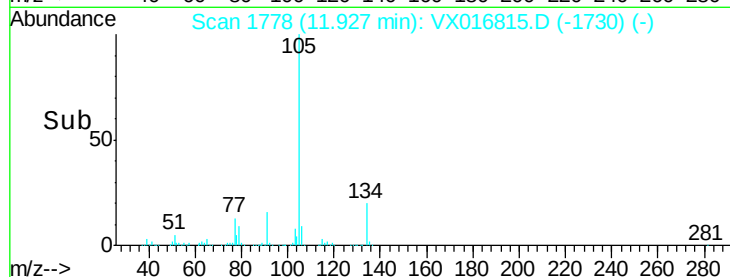
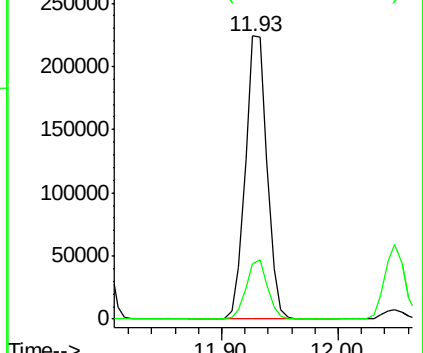
MMDadoda

6/18/2020 11:15:57 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.383 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

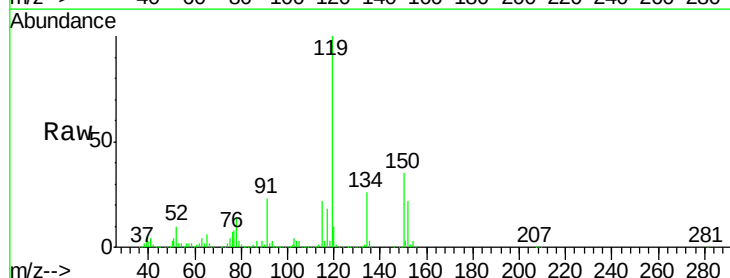
Tgt Ion:119 Resp: 272769

Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

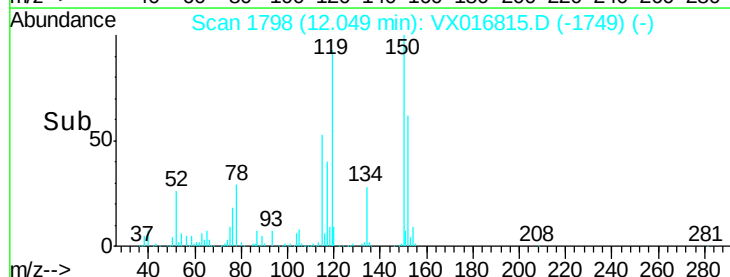
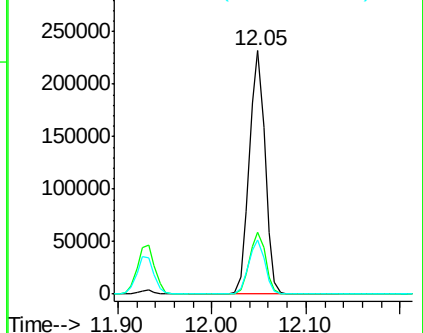
91 22.8 11.6 34.7

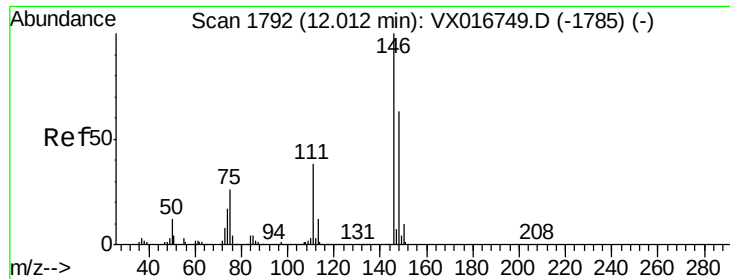


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





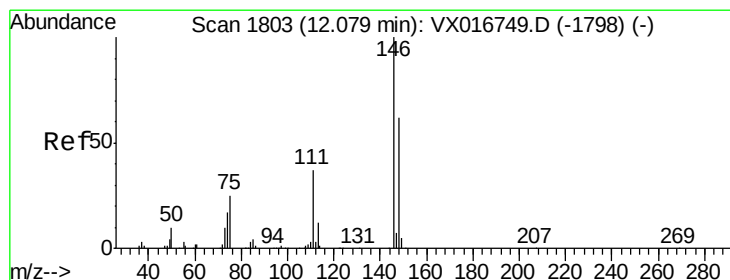
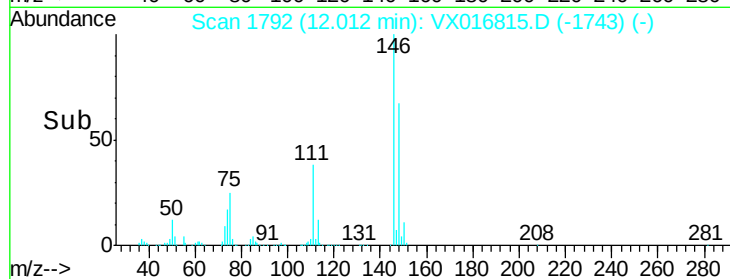
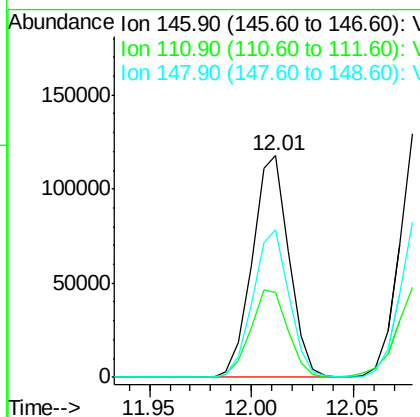
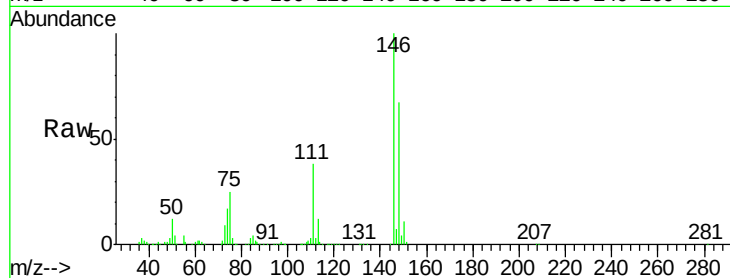
#87
 1,3-Dichlorobenzene
 Concen: 19.915 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.8	59.3
148	65.6	31.9	95.7

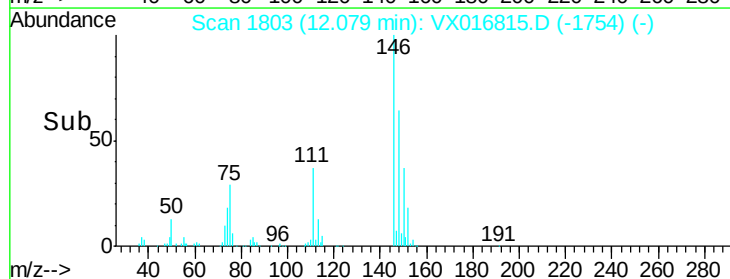
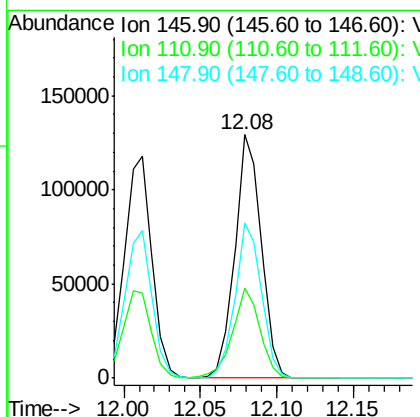
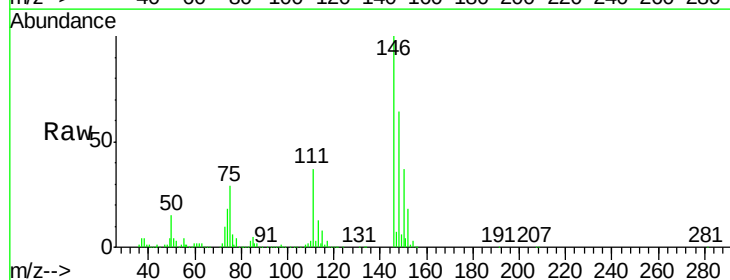
Manual Integrations
 APPROVED

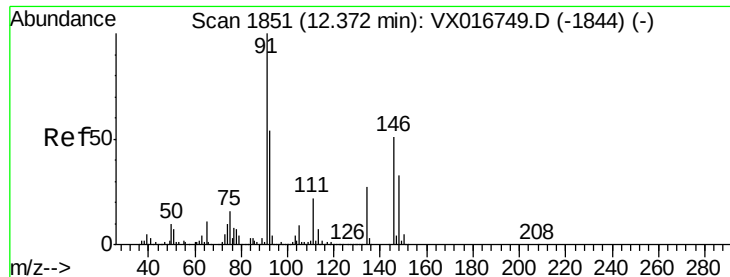
MMDadoda
 6/18/2020 11:15:57 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.058 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.8
148	63.7	32.1	96.5





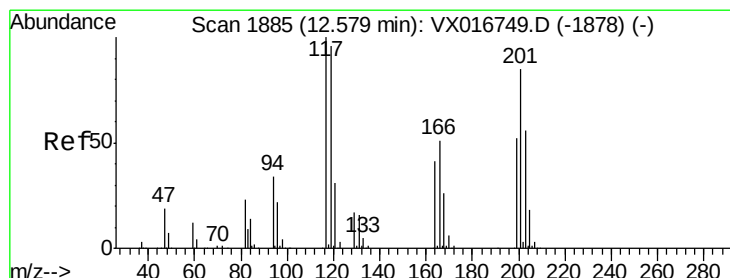
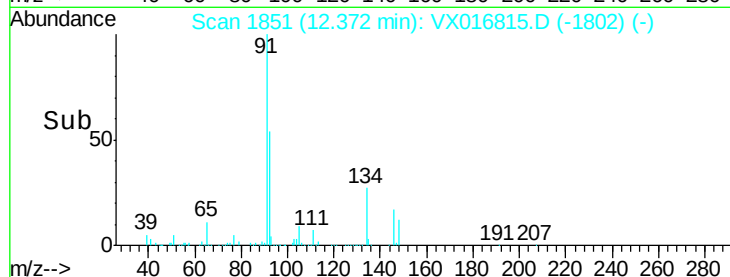
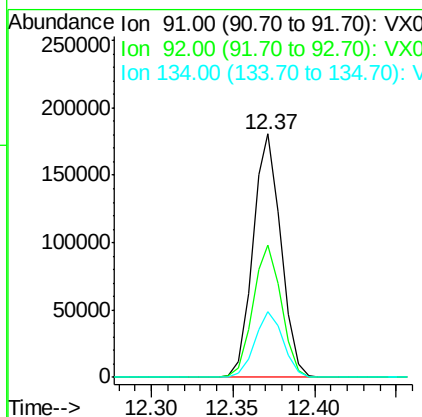
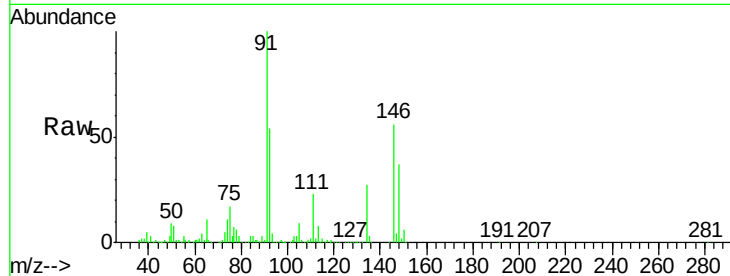
#89
n-Butylbenzene
Concen: 19.470 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.0	80.8
134	27.4	13.7	41.0

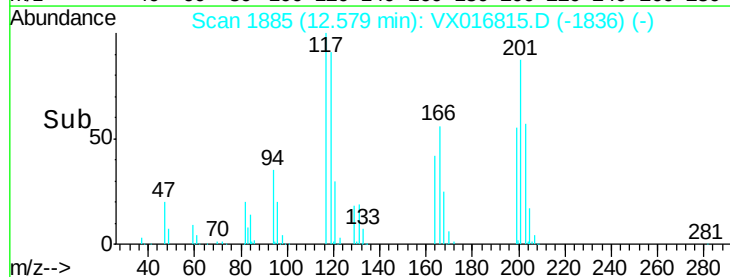
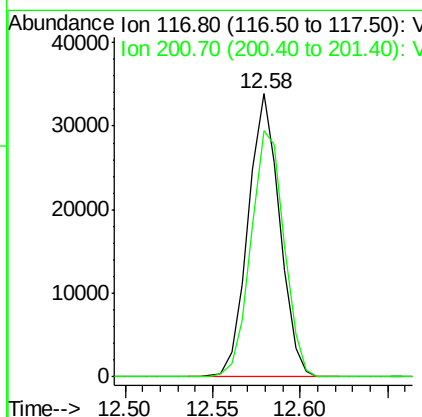
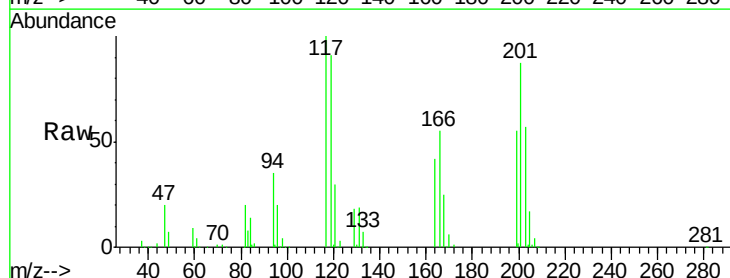
Manual Integrations
APPROVED

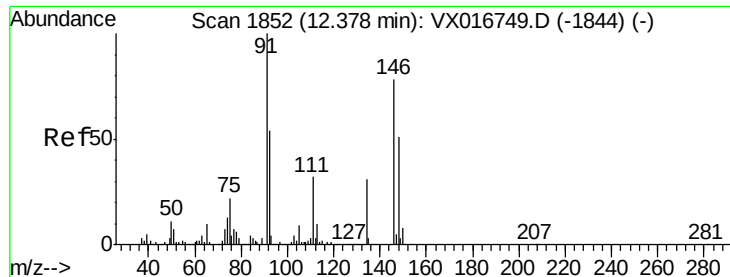
MMDadoda
6/18/2020 11:15:57 AM



#90
Hexachloroethane
Concen: 17.195 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016815.D
Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.3	45.6	136.9





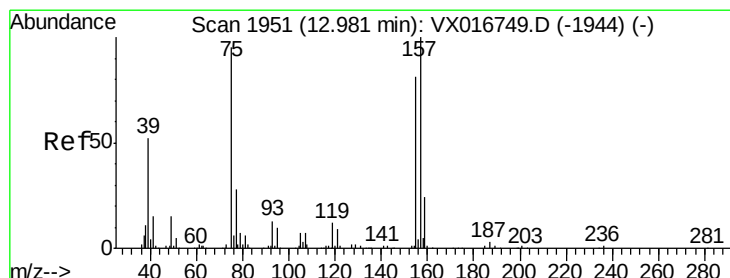
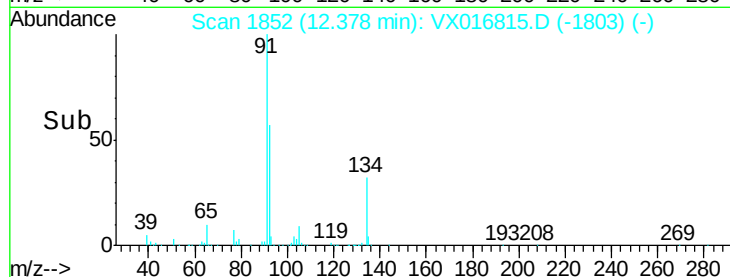
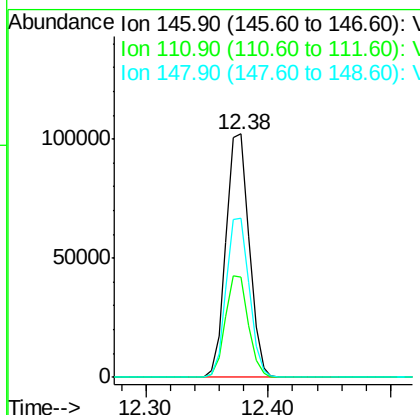
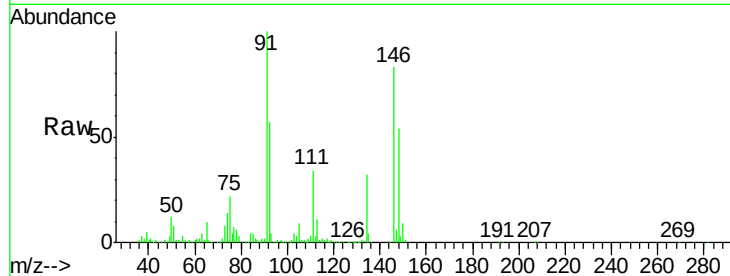
#91
 1,2-Dichlorobenzene
 Concen: 18.047 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	133917		
111	41.2	20.8	62.2	
148	65.1	32.1	96.5	

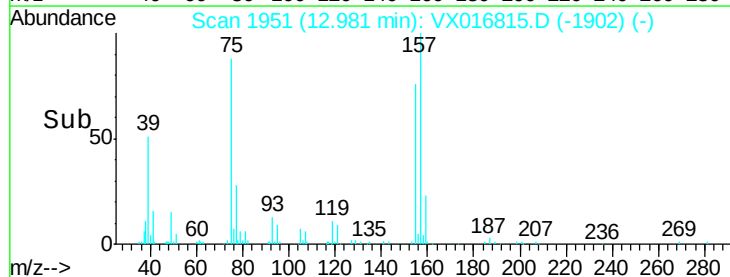
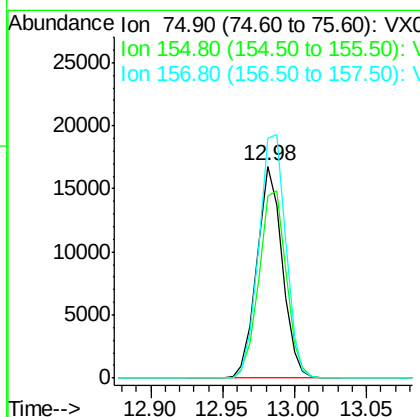
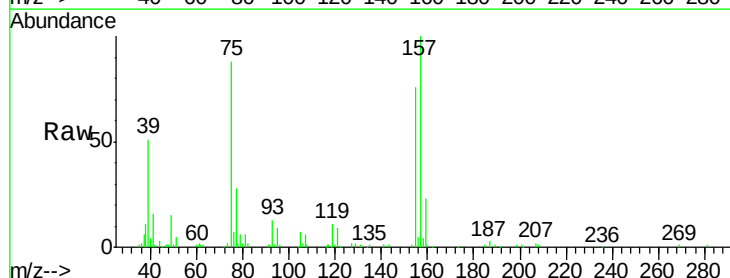
Manual Integrations
 APPROVED

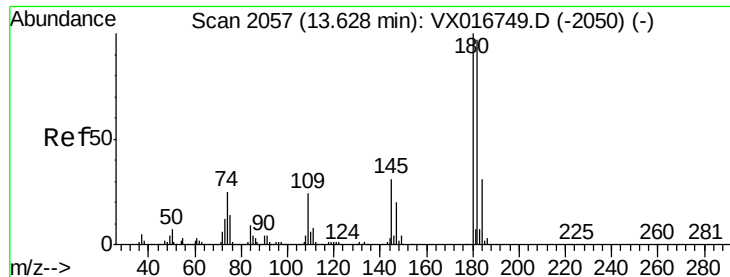
MMDadoda
 6/18/2020 11:15:57 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.915 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20351		
155	94.9	46.9	140.7	
157	122.0	59.6	178.7	





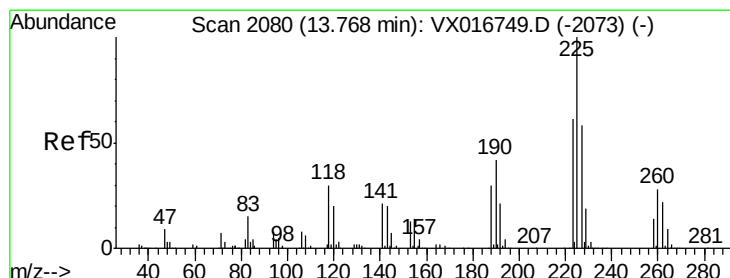
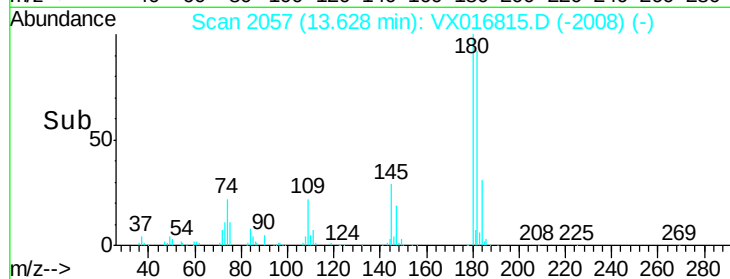
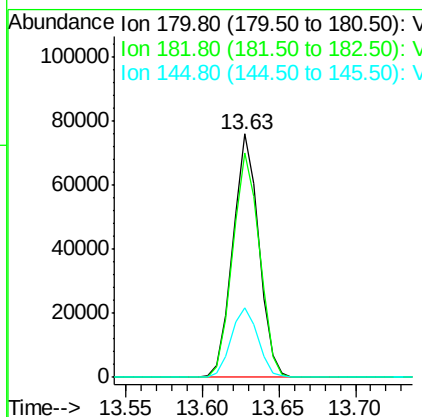
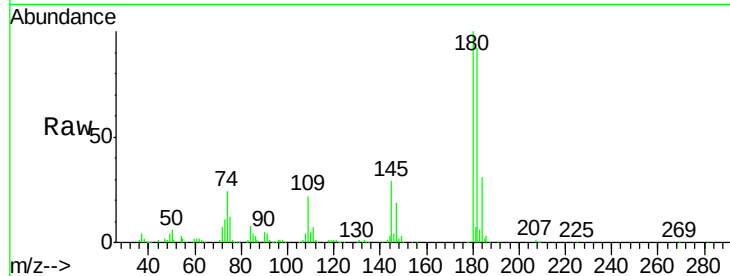
#93
 1,2,4-Trichlorobenzene
 Concen: 17.186 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	89307		
182	95.1	48.6	145.8	
145	29.6	15.4	46.4	

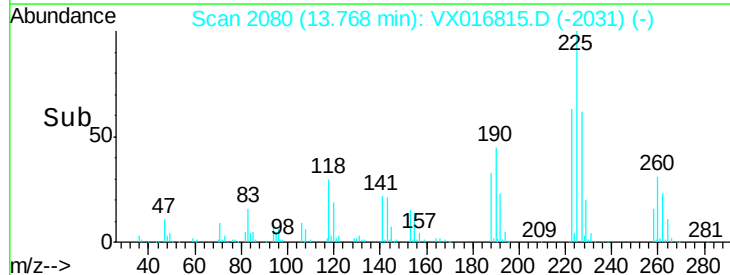
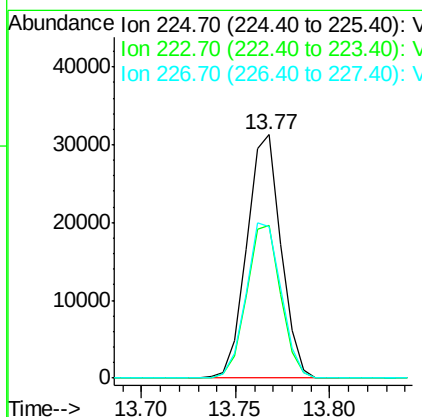
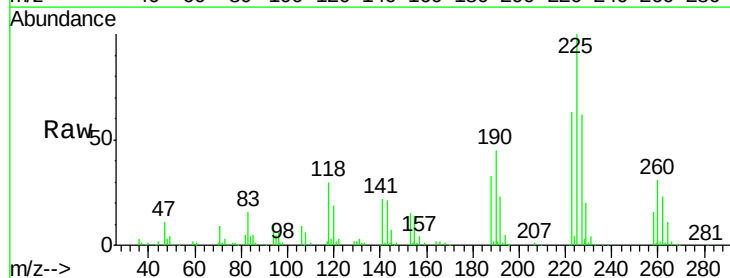
Manual Integrations
 APPROVED

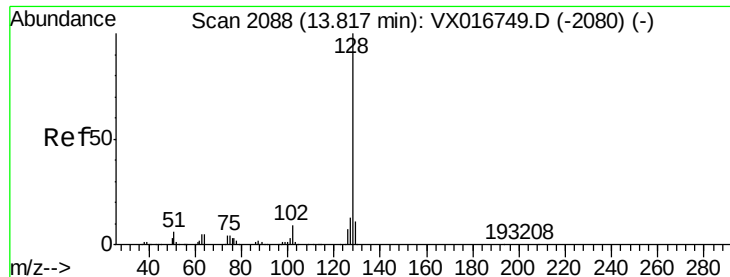
MMDadoda
 6/18/2020 11:15:57 AM



#94
 Hexachlorobutadiene
 Concen: 17.509 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016815.D
 Acq: 17 Jun 2020 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	39419		
223	62.6	31.1	93.5	
227	65.3	30.9	92.7	





#95

Naphthalene

Concen: 17.125 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Instrument :

MSVOA_X

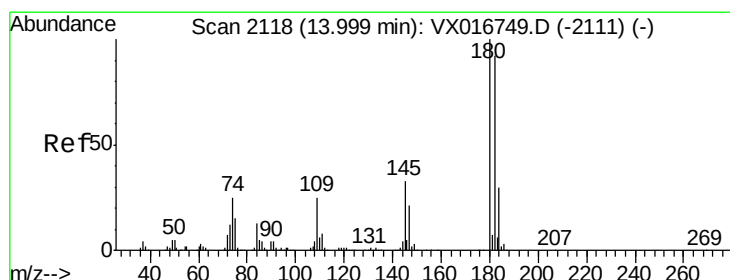
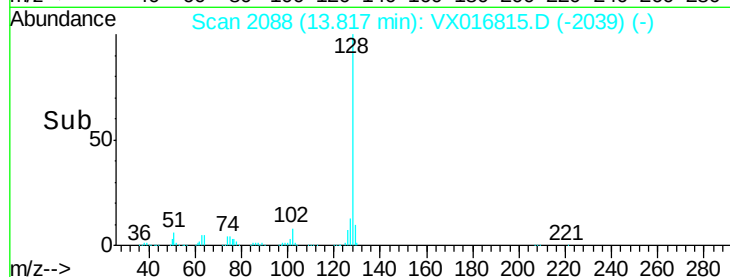
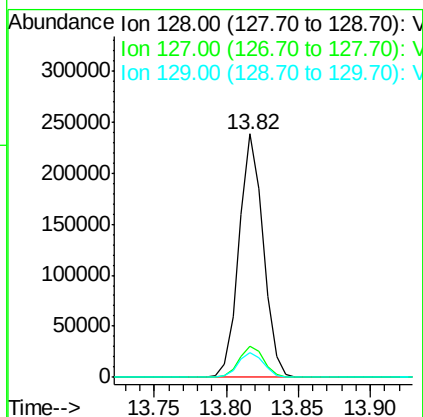
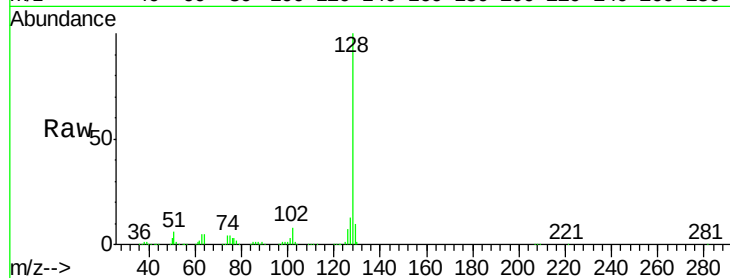
ClientSampleId :

VX0617WBS01

Tot Ion:	128	Resp:	278784
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.4
129	10.6	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/18/2020 11:15:57 AM



#96

1,2,3-Trichlorobenzene

Concen: 17.160 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016815.D

Acq: 17 Jun 2020 14:44

Tgt Ion:	180	Resp:	87770
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.1	141.4
145	31.6	15.9	47.7

