

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026243.D
 Acq On : 04 Jan 2022 00:51
 Operator : JC/MD
 Sample : PB141783ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 04 07:58:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

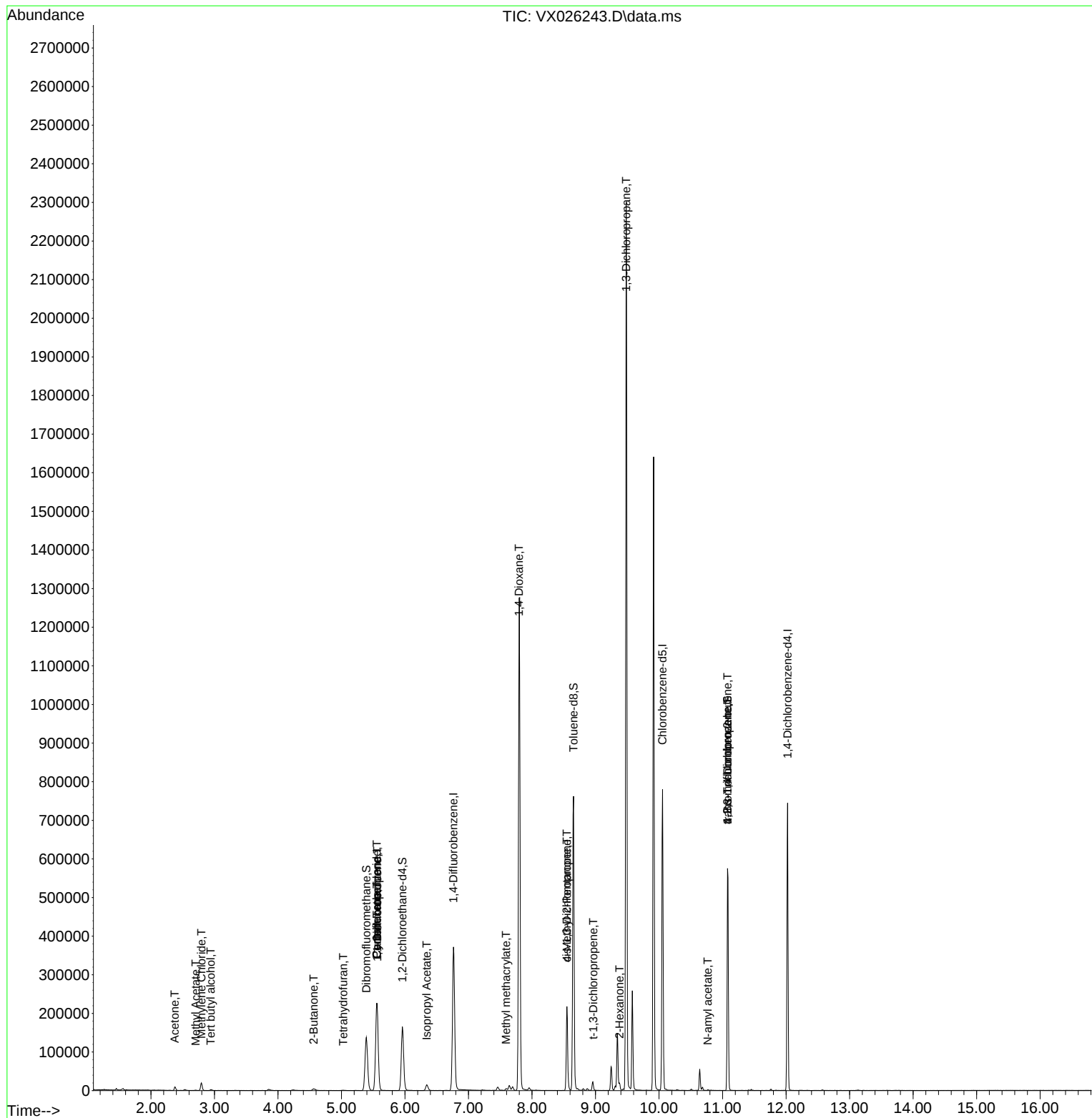
Internal Standards						
1) Pentafluorobenzene	5.556	168	201972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	357279	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	320266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162072	55.467	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.940%			
35) Dibromofluoromethane	5.391	113	117451	50.565	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.120%			
50) Toluene-d8	8.653	98	429983	49.767	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.540%			
62) 4-Bromofluorobenzene	11.079	95	154865	50.351	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.700%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	1833	3.141	ug/l #	73
16) Acetone	2.374	43	10283	6.495	ug/l	97
18) Methyl Acetate	2.703	43	1215	0.237	ug/l #	80
20) Methylene Chloride	2.794	84	8376	2.409	ug/l	98
25) 2-Butanone	4.562	43	5221	2.367	ug/l	94
29) Tetrahydrofuran	5.026	42	705	0.507	ug/l #	59
31) Cyclohexane	5.556	56	5351	1.286	ug/l #	12
36) 1,1-Dichloropropene	5.562	75	18074	4.824	ug/l #	49
38) Carbon Tetrachloride	5.556	117	22128	5.310	ug/l #	16
43) Isopropyl Acetate	6.342	43	20375	2.878	ug/l	97
48) Methyl methacrylate	7.592	41	6553	1.930	ug/l #	12
49) 1,4-Dioxane	7.793	88	146	2.333	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	78550	17.829	ug/l #	48
53) t-1,3-Dichloropropene	8.964	75	45	1.903	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	32266	7.397	ug/l #	66
57) 1,3-Dichloropropane	9.482	76	18960	4.091	ug/l #	43
59) 2-Hexanone	9.378	43	9780	2.931	ug/l #	25
74) N-amyl acetate	10.768	43	1263	0.256	ug/l #	45
76) 1,2,3-Trichloropropane	11.079	75	84066	25.234	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	84066	73.004	ug/l #	10

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

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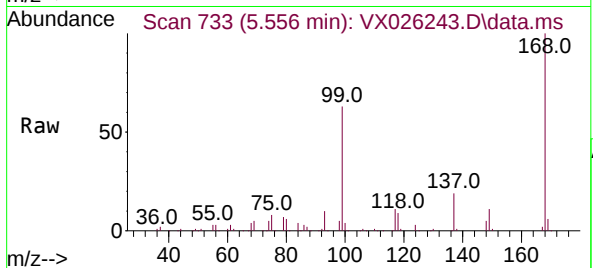
Quant Time: Jan 04 07:58:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
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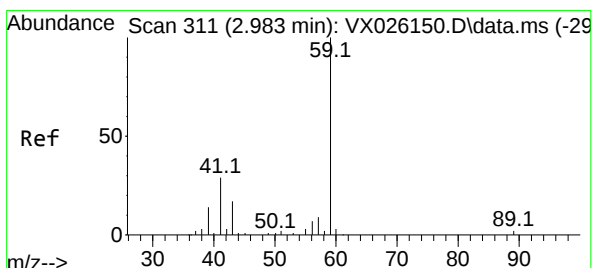
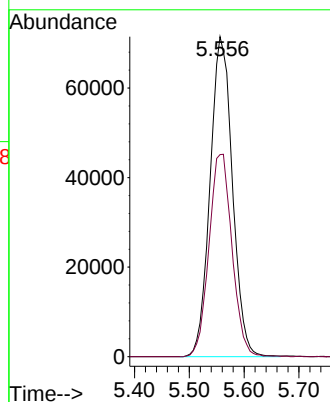
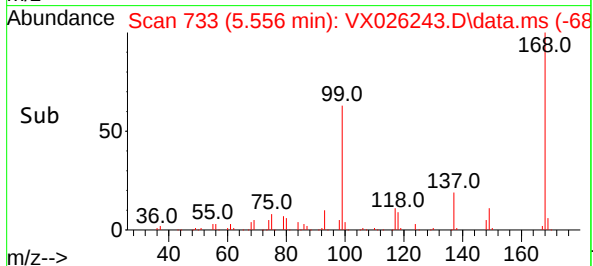


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026243.D
Acq: 04 Jan 2022 00:51

Instrument :
MSVOA_X
ClientSampleId :

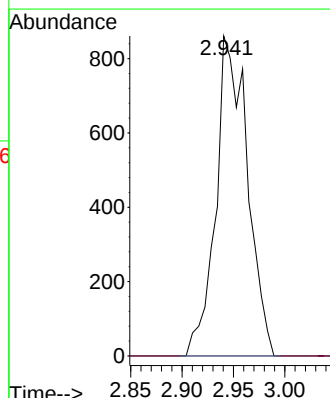
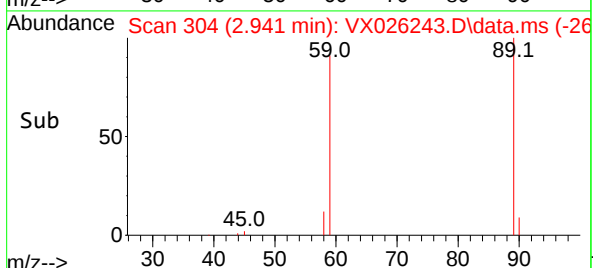
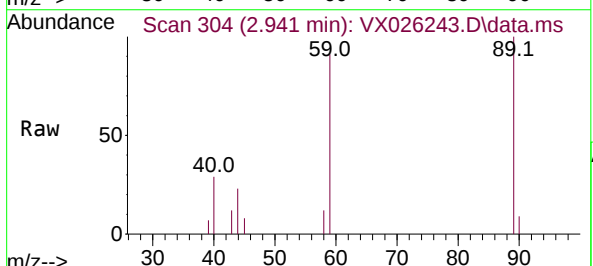


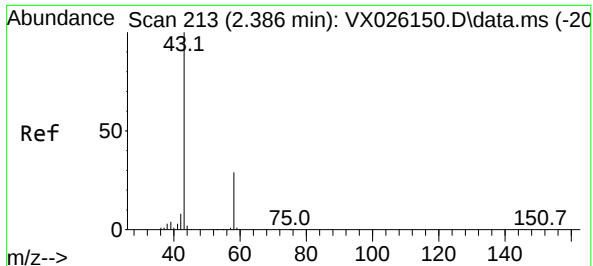
Tgt Ion:168 Resp: 201972
Ion Ratio Lower Upper
168 100
99 63.1 45.8 68.8



#11
Tert butyl alcohol
Concen: 3.141 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX026243.D
Acq: 04 Jan 2022 00:51

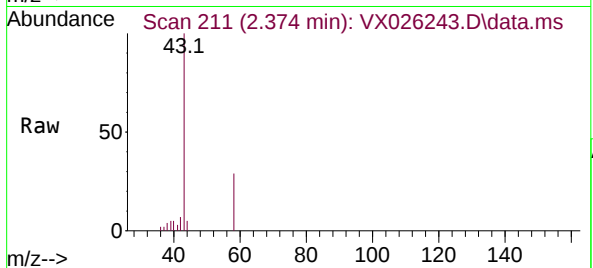
Tgt Ion: 59 Resp: 1833
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



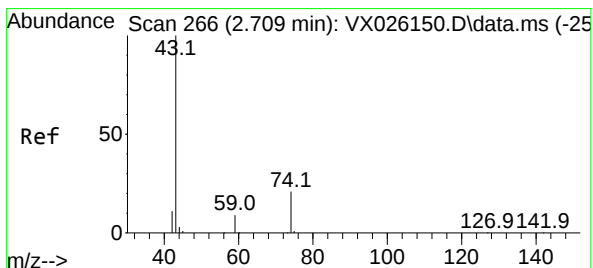
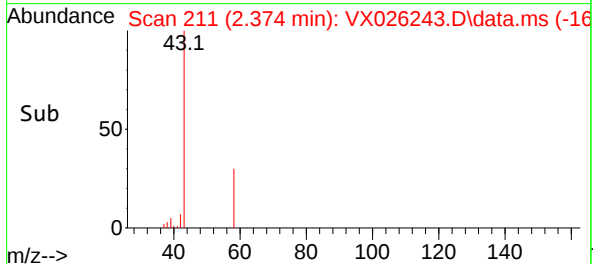
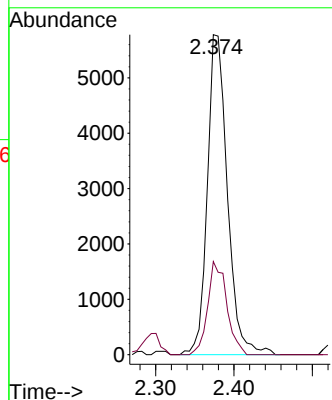


#16
Acetone
Concen: 6.495 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX026243.D
Acq: 04 Jan 2022 00:51

Instrument :
MSVOA_X
ClientSampleId :

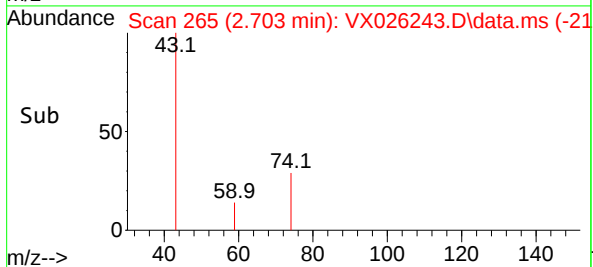
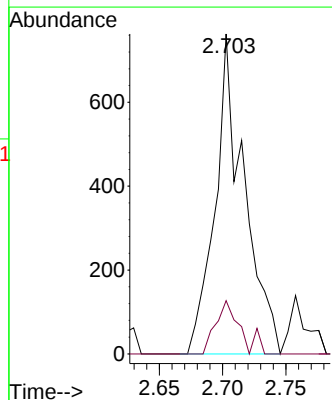
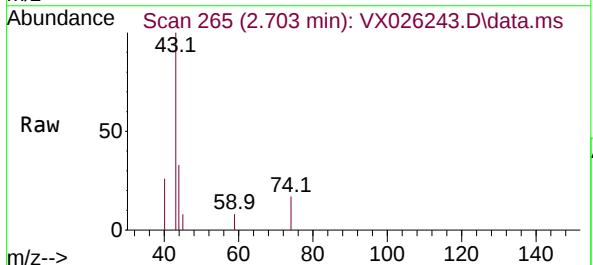


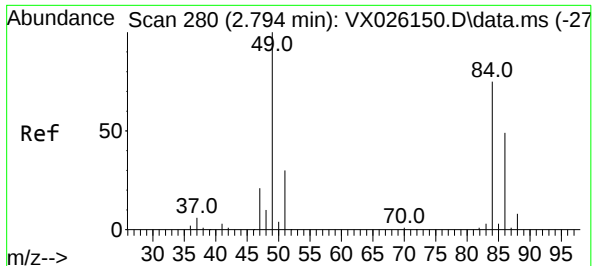
Tgt Ion: 43 Resp: 10283
Ion Ratio Lower Upper
43 100
58 29.1 24.8 37.2



#18
Methyl Acetate
Concen: 0.237 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX026243.D
Acq: 04 Jan 2022 00:51

Tgt Ion: 43 Resp: 1215
Ion Ratio Lower Upper
43 100
74 14.2 19.1 28.7#





#20

Methylene Chloride

Concen: 2.409 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX026243.D

Acq: 04 Jan 2022 00:51

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 84 Resp: 8376

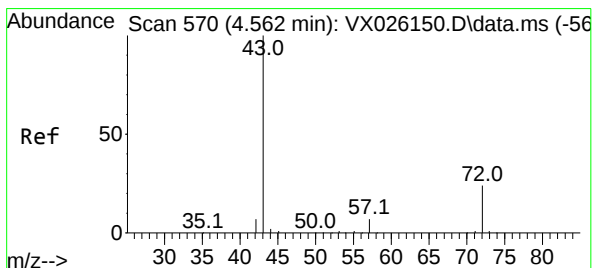
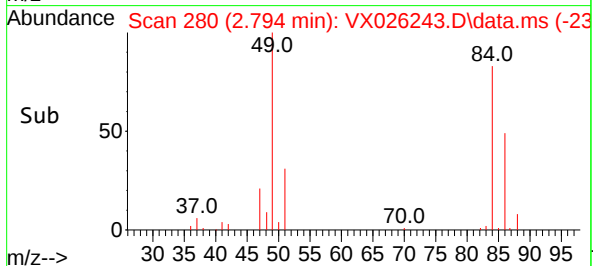
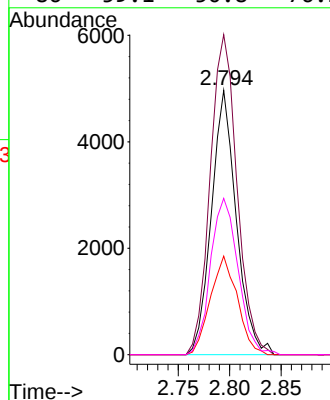
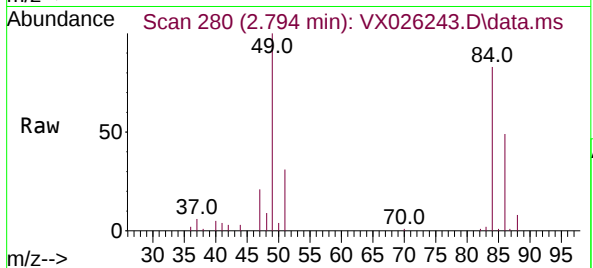
Ion Ratio Lower Upper

84 100

49 121.1 97.1 145.7

51 37.3 29.3 43.9

86 59.1 50.8 76.2



#25

2-Butanone

Concen: 2.367 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX026243.D

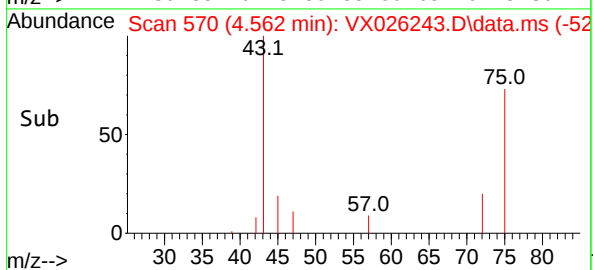
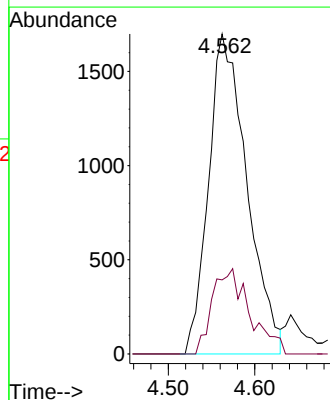
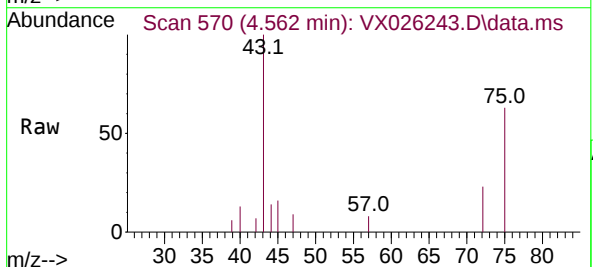
Acq: 04 Jan 2022 00:51

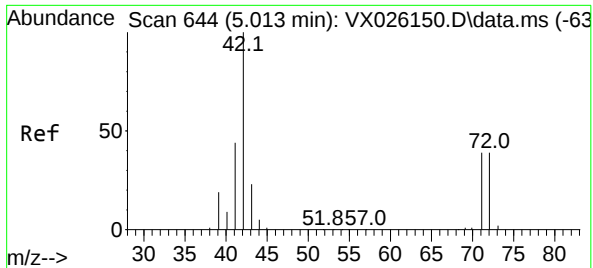
Tgt Ion: 43 Resp: 5221

Ion Ratio Lower Upper

43 100

72 23.1 21.0 31.4





#29

Tetrahydrofuran

Concen: 0.507 ug/l

RT: 5.026 min Scan# 644

Delta R.T. 0.013 min

Lab File: VX026243.D

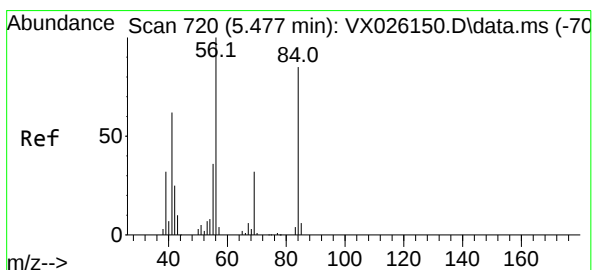
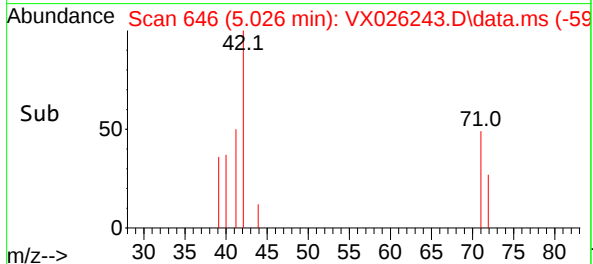
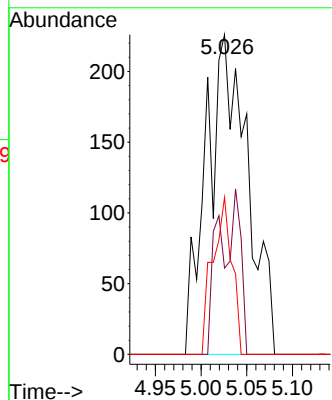
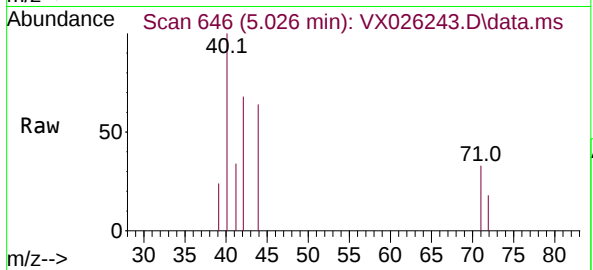
Acq: 04 Jan 2022 00:51

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	705
Ion	Ratio	Lower	Upper
42	100		
72	12.8	37.0	55.6#
71	23.1	34.1	51.1#



#31

Cyclohexane

Concen: 1.286 ug/l

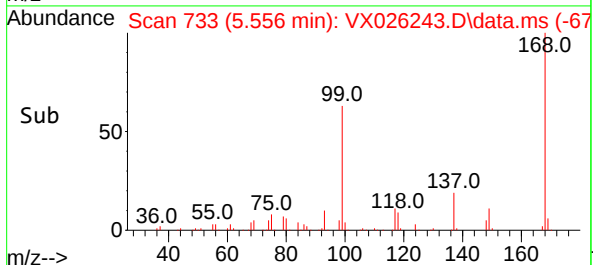
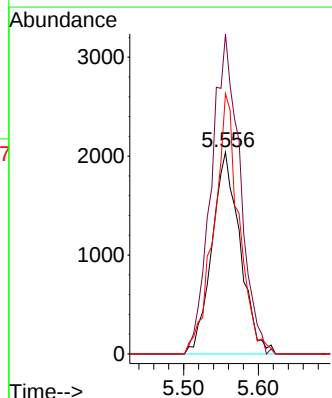
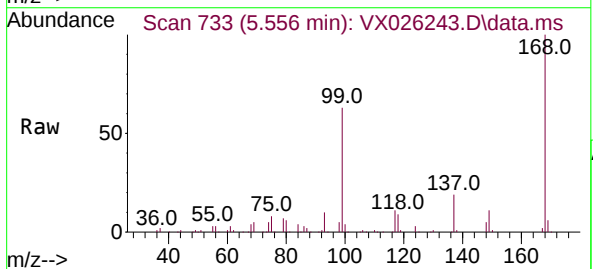
RT: 5.556 min Scan# 733

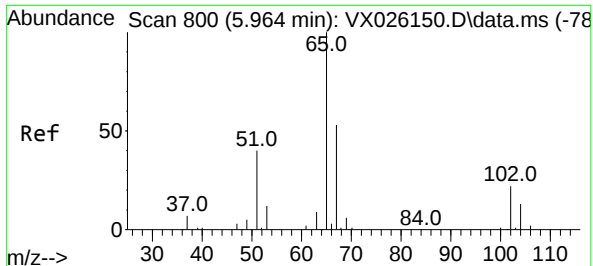
Delta R.T. 0.079 min

Lab File: VX026243.D

Acq: 04 Jan 2022 00:51

Tgt Ion:	56	Resp:	5351
Ion	Ratio	Lower	Upper
56	100		
69	158.6	23.9	35.9#
84	129.0	73.2	109.8#





#33

1,2-Dichloroethane-d4

Concen: 55.467 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026243.D

Acq: 04 Jan 2022 00:51

Instrument :

MSVOA_X

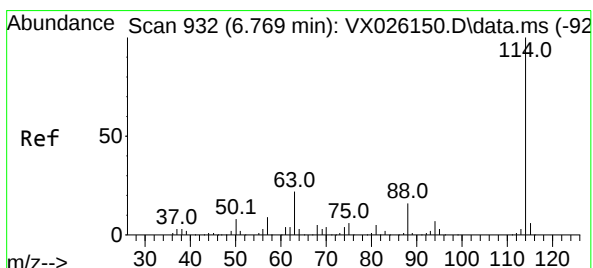
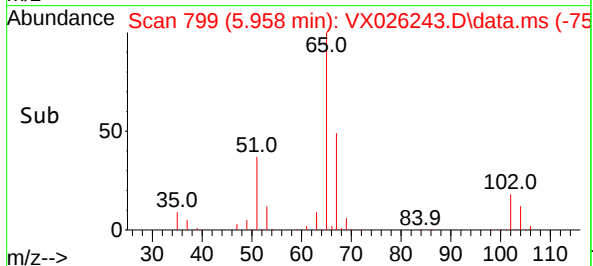
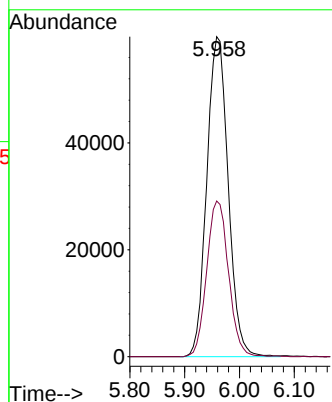
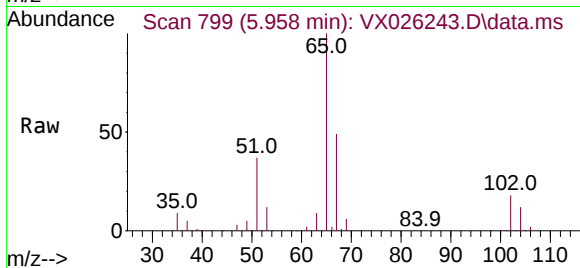
ClientSampleId :

Tgt Ion: 65 Resp: 162072

Ion Ratio Lower Upper

65 100

67 49.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026243.D

Acq: 04 Jan 2022 00:51

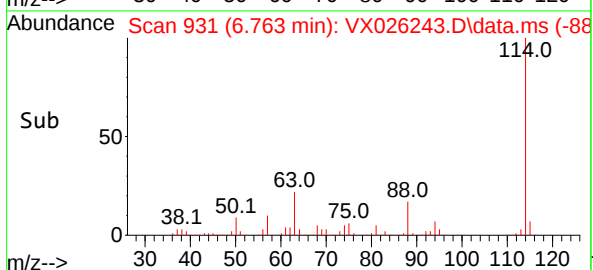
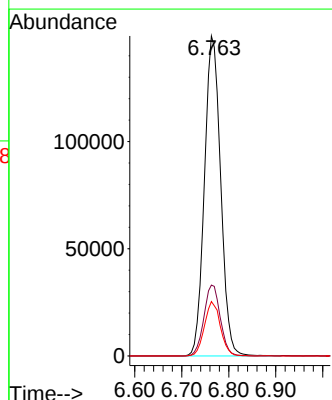
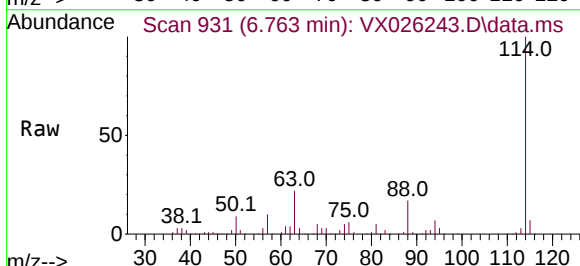
Tgt Ion: 114 Resp: 357279

Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.0

88 17.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.565 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

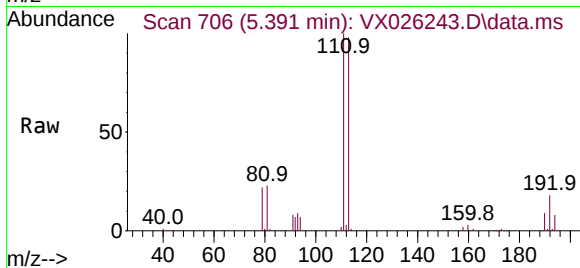
Lab File: VX026243.D

Acq: 04 Jan 2022 00:51

Instrument :

MSVOA_X

ClientSampleId :



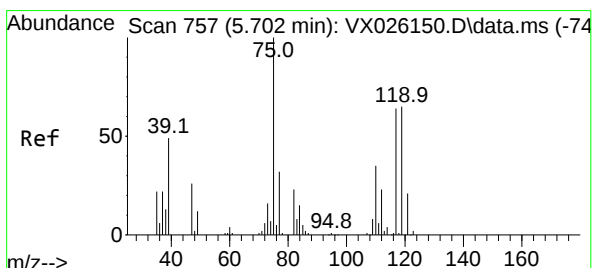
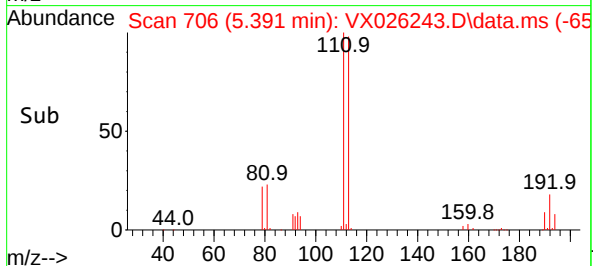
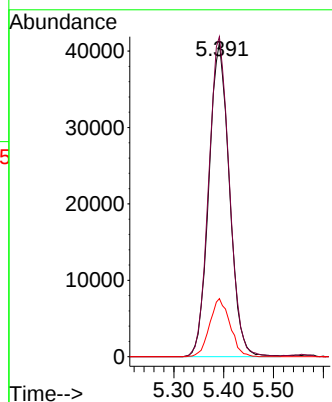
Tgt Ion:113 Resp: 117451

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

192 18.3 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.824 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX026243.D

Acq: 04 Jan 2022 00:51

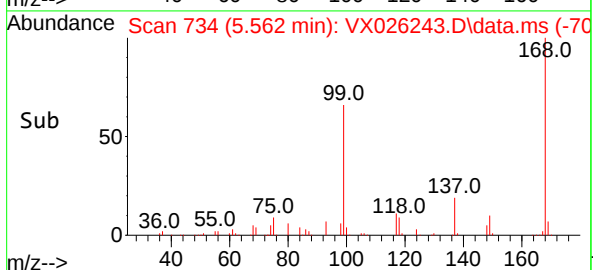
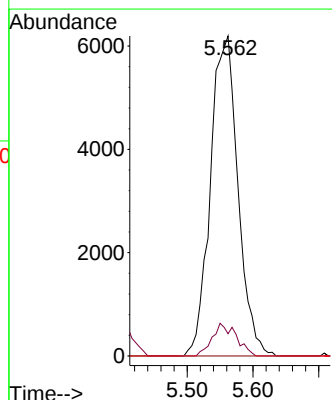
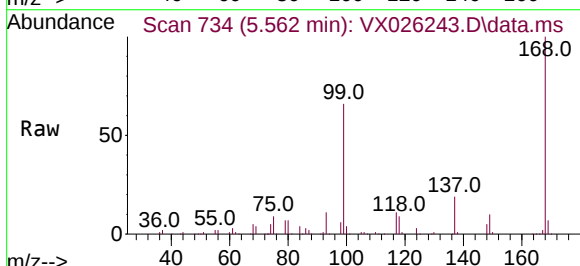
Tgt Ion: 75 Resp: 18074

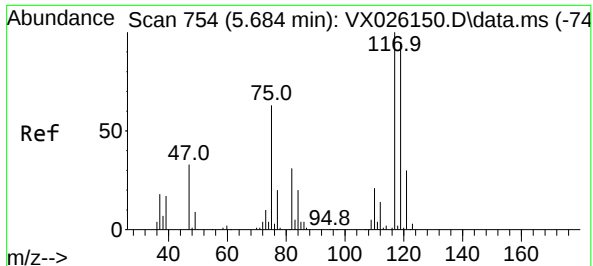
Ion Ratio Lower Upper

75 100

110 8.9 18.2 54.6#

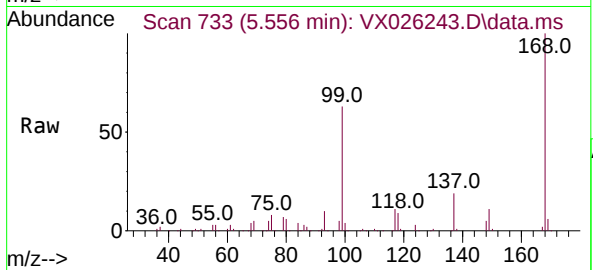
77 0.0 24.7 37.1#



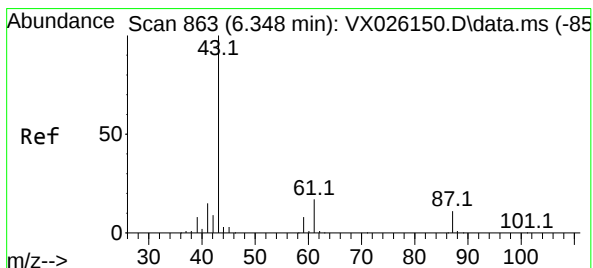
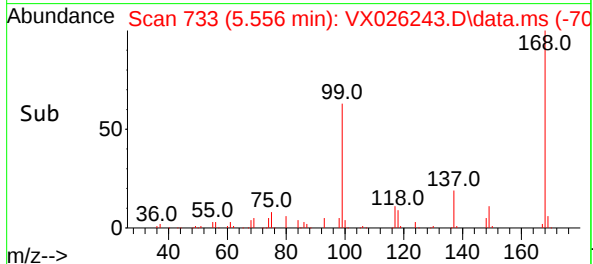
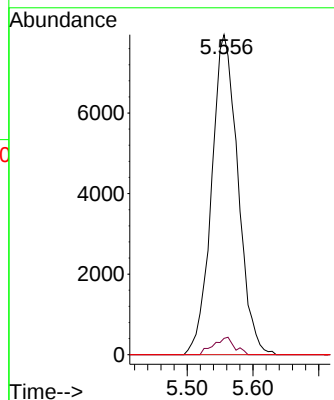


#38
Carbon Tetrachloride
Concen: 5.310 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026243.D
Acq: 04 Jan 2022 00:51

Instrument :
MSVOA_X
ClientSampleId :

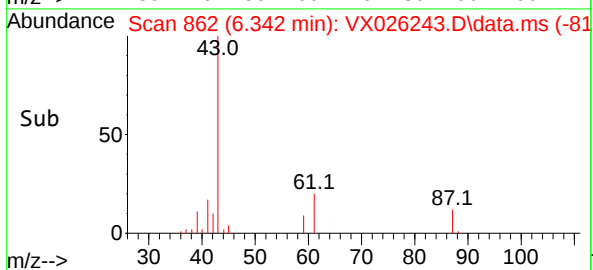
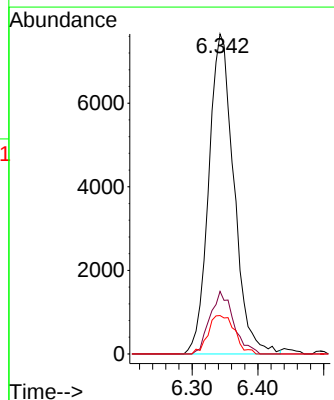
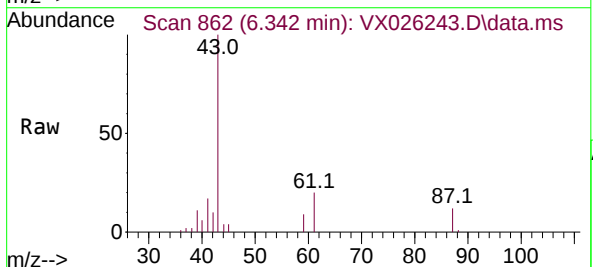


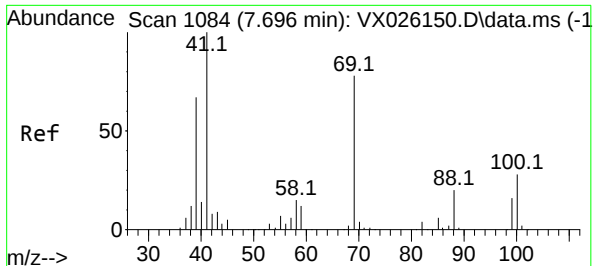
Tgt Ion:117 Resp: 22128
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 2.878 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX026243.D
Acq: 04 Jan 2022 00:51

Tgt Ion: 43 Resp: 20375
Ion Ratio Lower Upper
43 100
61 18.4 15.7 23.5
87 12.7 11.2 16.8





#48

Methyl methacrylate

Concen: 1.930 ug/l

RT: 7.592 min Scan# 1100

Delta R.T. -0.104 min

Lab File: VX026243.D

Acq: 04 Jan 2022 00:51

Instrument :

MSVOA_X

ClientSampleId :

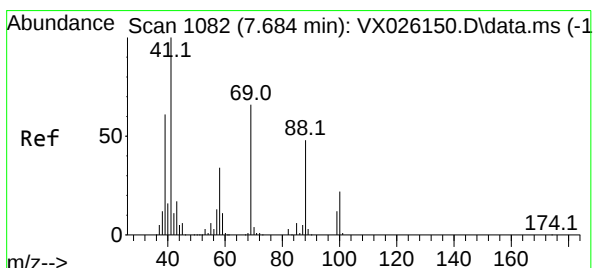
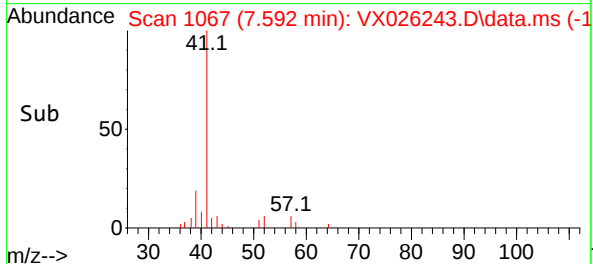
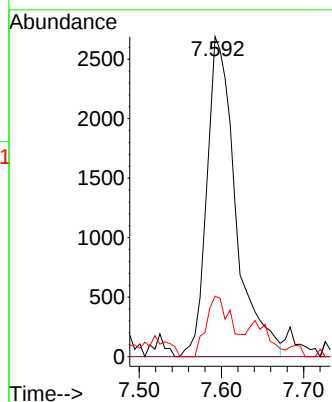
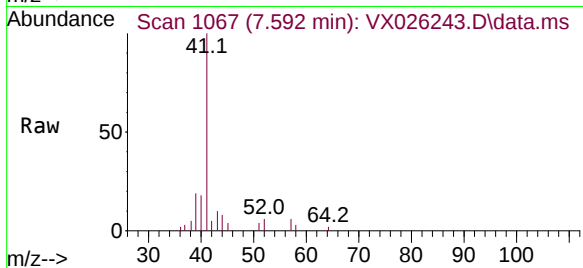
Tgt Ion: 41 Resp: 6553

Ion Ratio Lower Upper

41 100

69 0.0 67.3 100.9#

39 0.0 50.2 75.2#



#49

1,4-Dioxane

Concen: 2.333 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.109 min

Lab File: VX026243.D

Acq: 04 Jan 2022 00:51

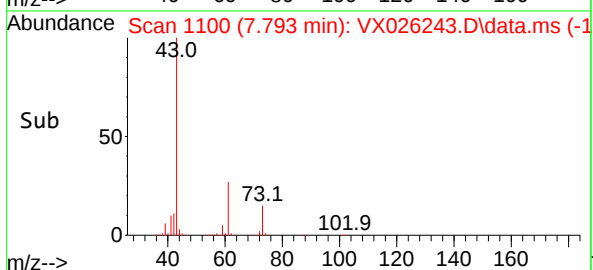
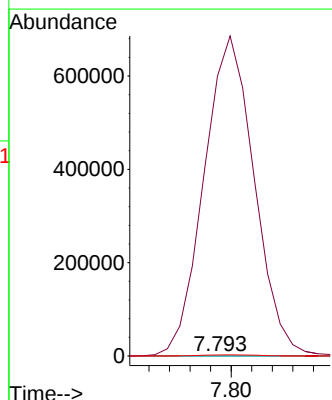
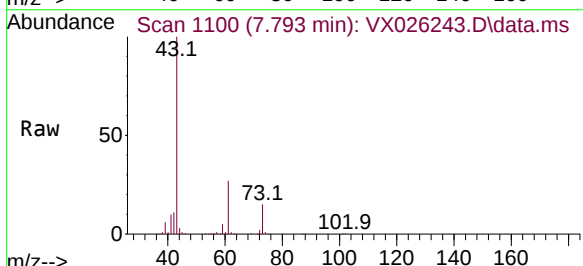
Tgt Ion: 88 Resp: 146

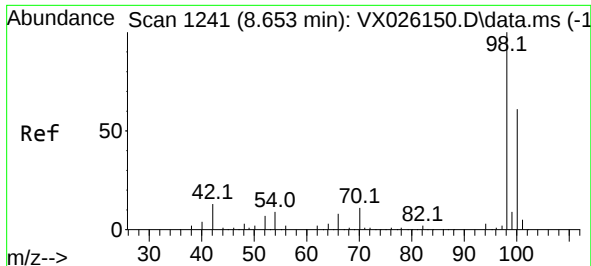
Ion Ratio Lower Upper

88 100

43 804928.1 25.3 37.9#

58 3139.7 51.8 77.6#

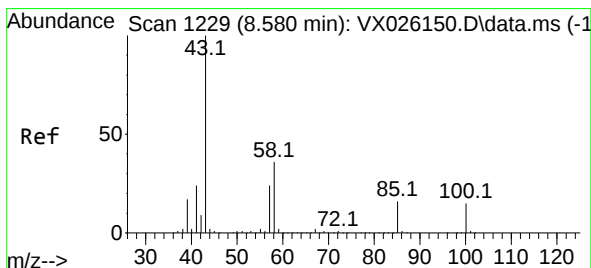
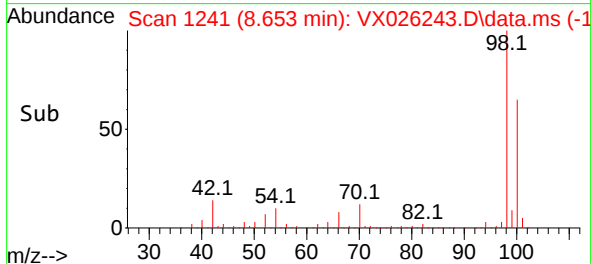
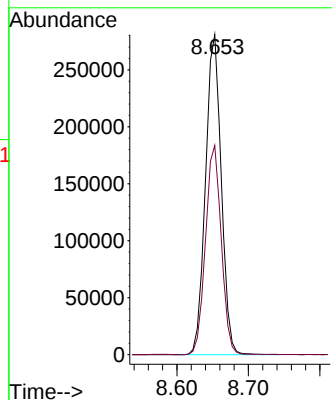
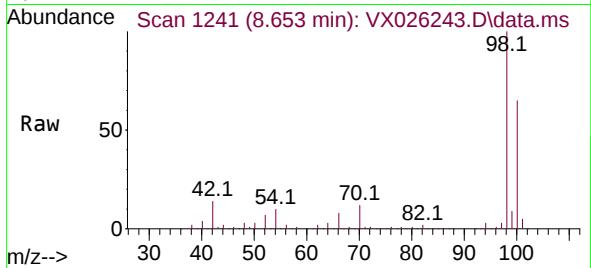




#50
Toluene-d8
Concen: 49.767 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026243.D
Acq: 04 Jan 2022 00:51

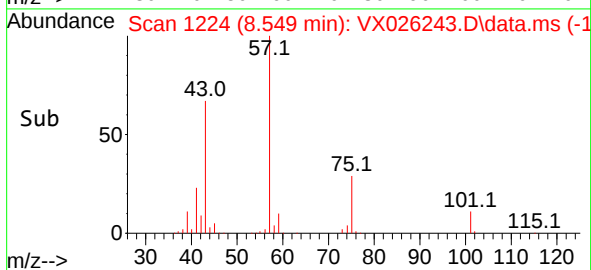
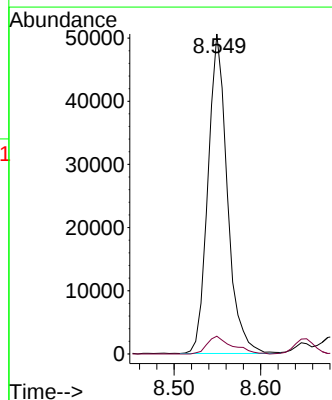
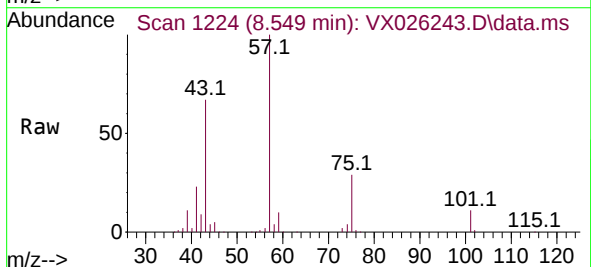
Instrument :
MSVOA_X
ClientSampleId :

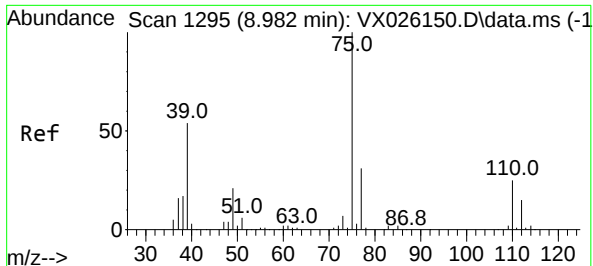
Tgt Ion: 98 Resp: 429983
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 17.829 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX026243.D
Acq: 04 Jan 2022 00:51

Tgt Ion: 43 Resp: 78550
Ion Ratio Lower Upper
43 100
58 7.2 30.8 46.2#





#53

t-1,3-Dichloropropene

Concen: 1.903 ug/l

RT: 8.964 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX026243.D

Acq: 04 Jan 2022 00:51

Instrument :

MSVOA_X

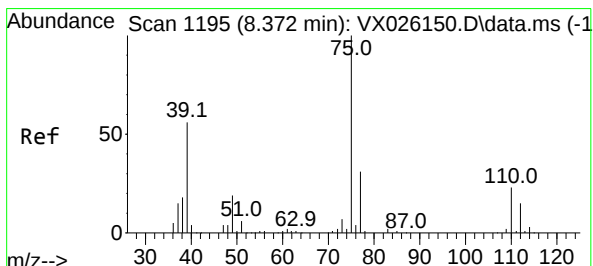
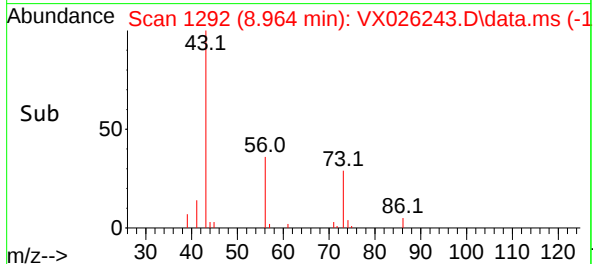
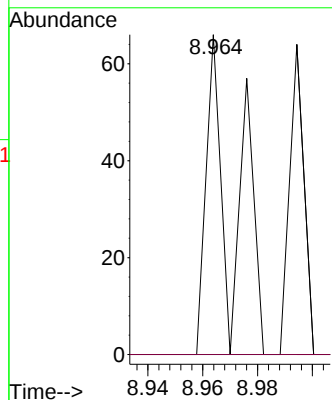
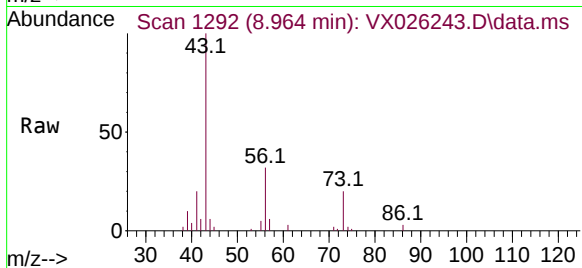
ClientSampleId :

Tgt Ion: 75 Resp: 45

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 7.397 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.177 min

Lab File: VX026243.D

Acq: 04 Jan 2022 00:51

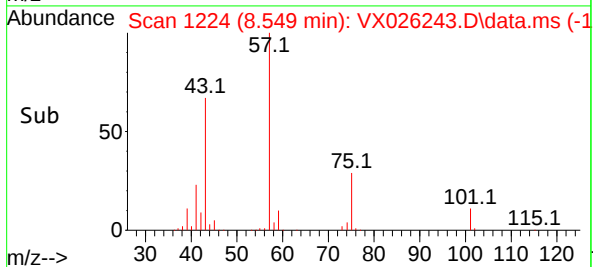
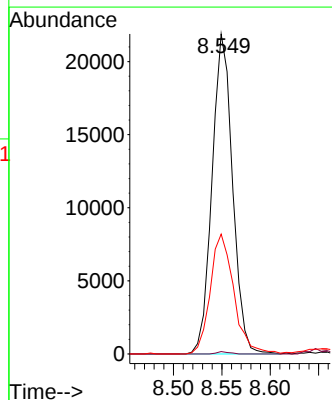
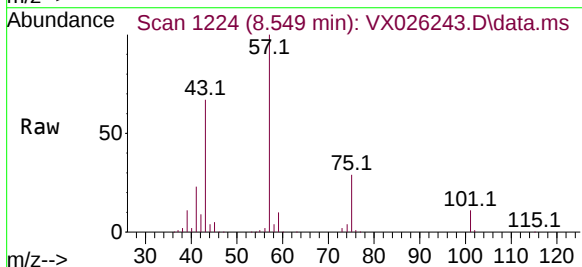
Tgt Ion: 75 Resp: 32266

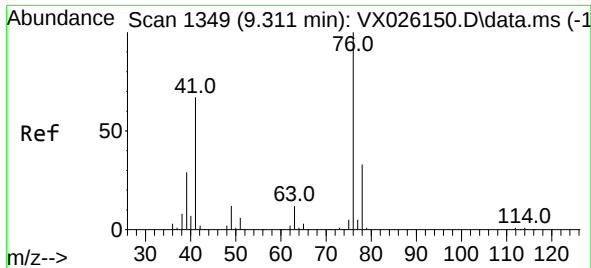
Ion Ratio Lower Upper

75 100

77 0.8 25.3 37.9#

39 37.4 41.4 62.0#

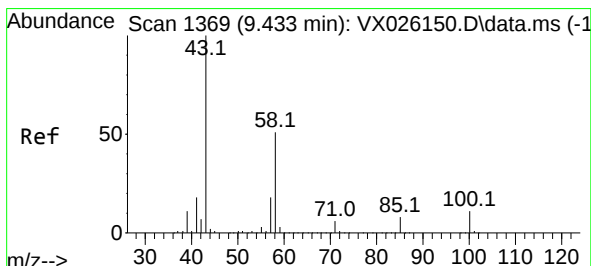
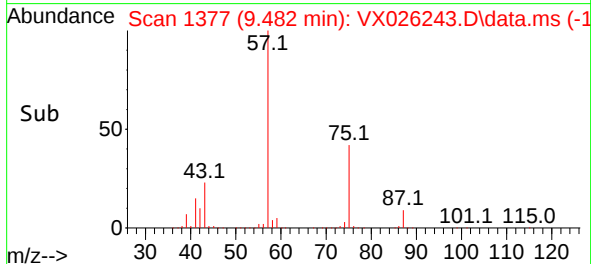
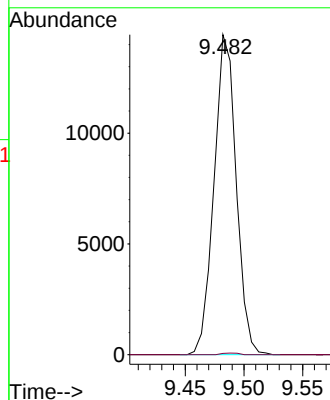
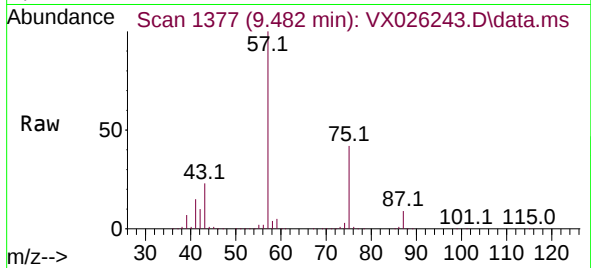




#57
1,3-Dichloropropane
Concen: 4.091 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.171 min
Lab File: VX026243.D
Acq: 04 Jan 2022 00:51

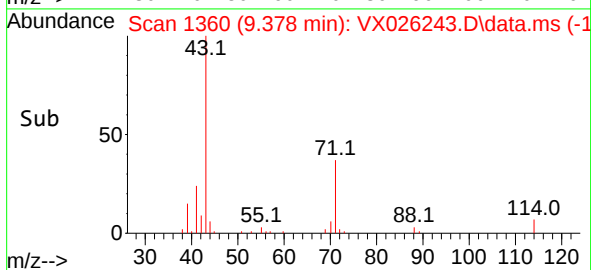
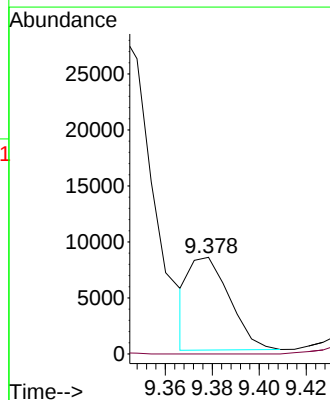
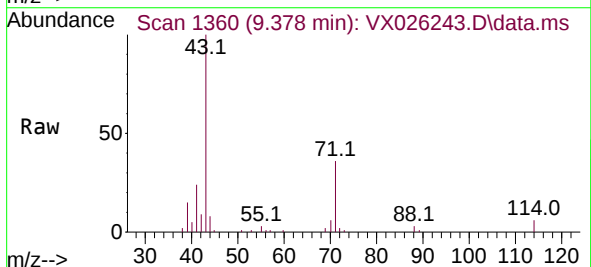
Instrument :
MSVOA_X
ClientSampleId :

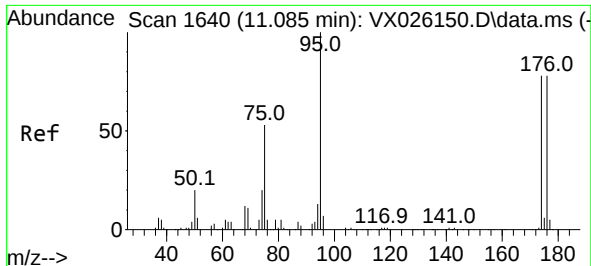
Tgt Ion: 76 Resp: 18960
Ion Ratio Lower Upper
76 100
78 0.4 26.0 39.0#



#59
2-Hexanone
Concen: 2.931 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX026243.D
Acq: 04 Jan 2022 00:51

Tgt Ion: 43 Resp: 9780
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.6#





#62

4-Bromofluorobenzene

Concen: 50.351 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX026243.D

Acq: 04 Jan 2022 00:51

Instrument :

MSVOA_X

ClientSampleId :

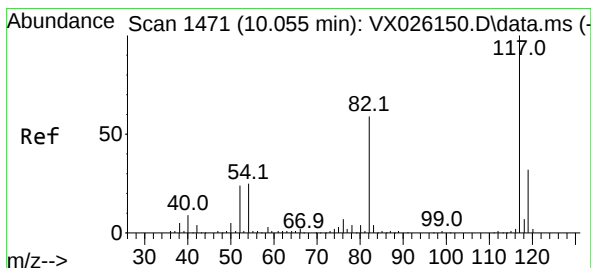
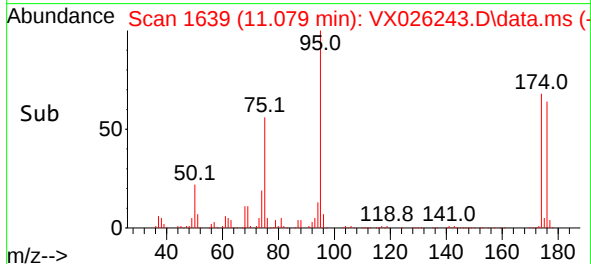
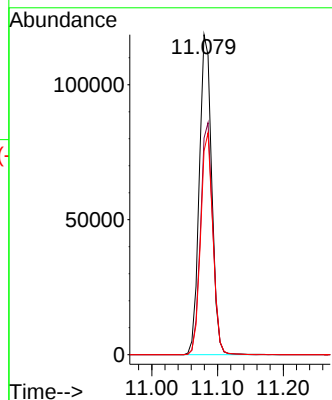
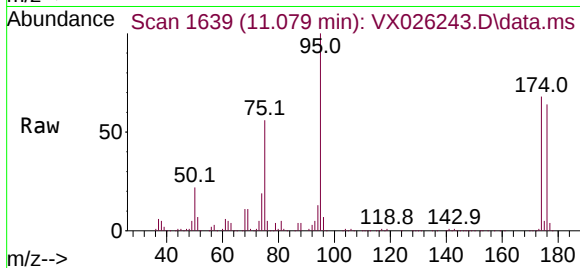
Tgt Ion: 95 Resp: 154865

Ion Ratio Lower Upper

95 100

174 71.9 0.0 157.4

176 68.6 0.0 154.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX026243.D

Acq: 04 Jan 2022 00:51

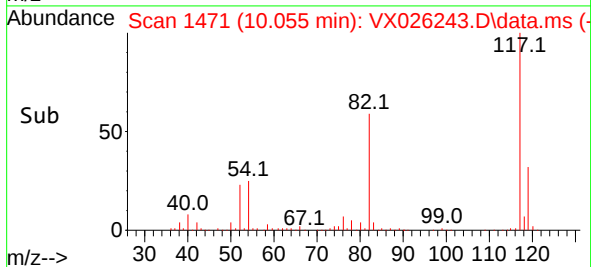
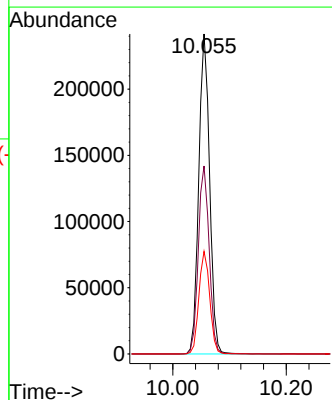
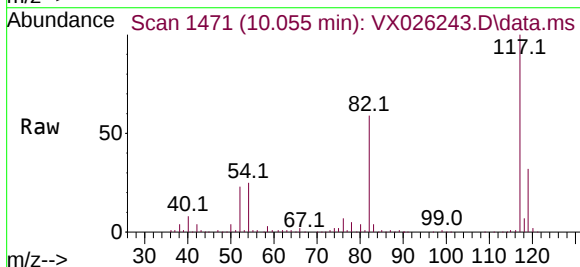
Tgt Ion: 117 Resp: 320266

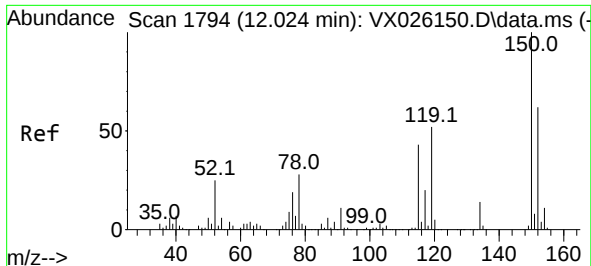
Ion Ratio Lower Upper

117 100

82 58.8 43.8 65.6

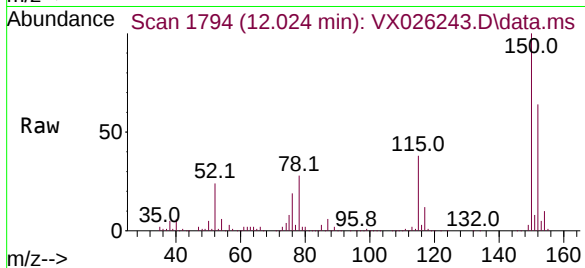
119 32.1 25.2 37.8



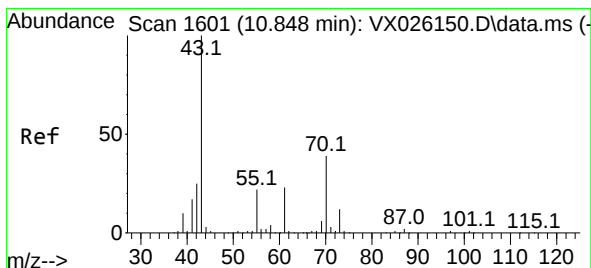
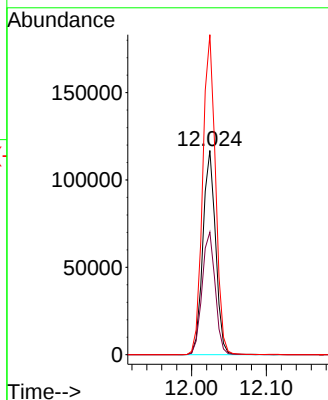
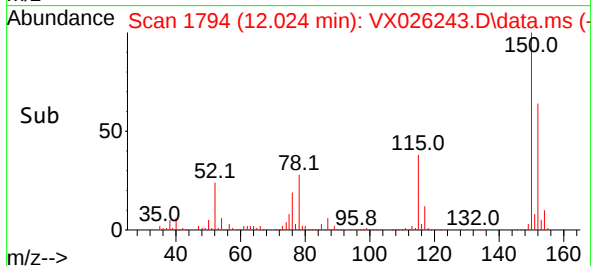


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026243.D
Acq: 04 Jan 2022 00:51

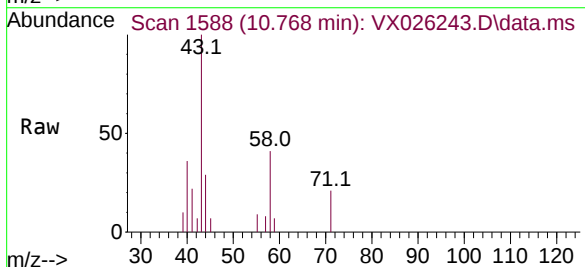
Instrument :
MSVOA_X
ClientSampleId :



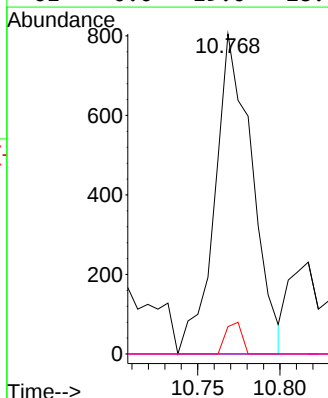
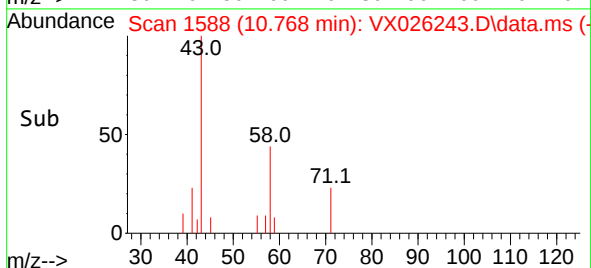
Tgt Ion:152 Resp: 138017
Ion Ratio Lower Upper
152 100
115 62.0 41.3 123.9
150 158.3 0.0 351.8

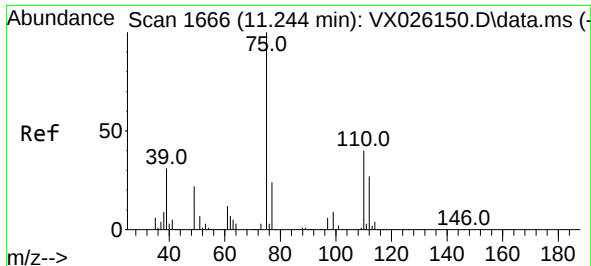


#74
N-ethyl acetate
Concen: 0.256 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX026243.D
Acq: 04 Jan 2022 00:51



Tgt Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
70 0.0 34.1 51.1#
55 4.4 19.2 28.8#
61 0.0 19.0 28.4#

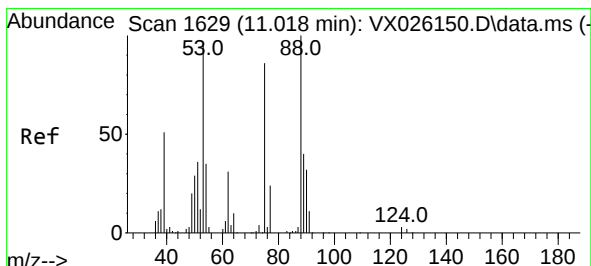
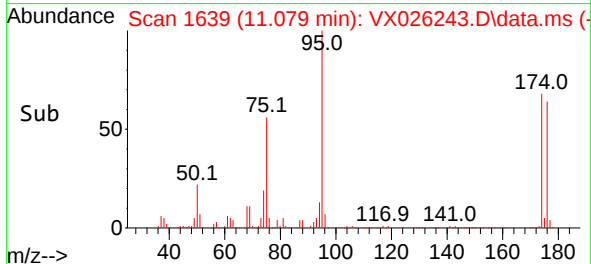
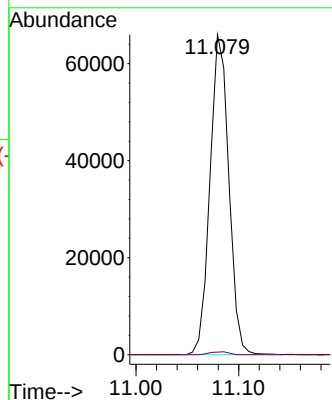
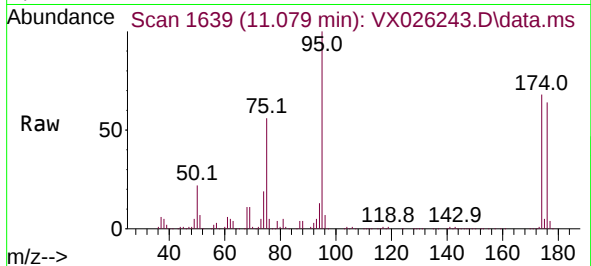




#76
1,2,3-Trichloropropane
Concen: 25.234 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026243.D
Acq: 04 Jan 2022 00:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 84066
Ion Ratio Lower Upper
75 100
77 0.9 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.004 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026243.D
Acq: 04 Jan 2022 00:51

Tgt Ion: 75 Resp: 84066
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

