

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026294.D
 Acq On : 05 Jan 2022 01:05
 Operator : JC/MD
 Sample : PB141821TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 06:41:43 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

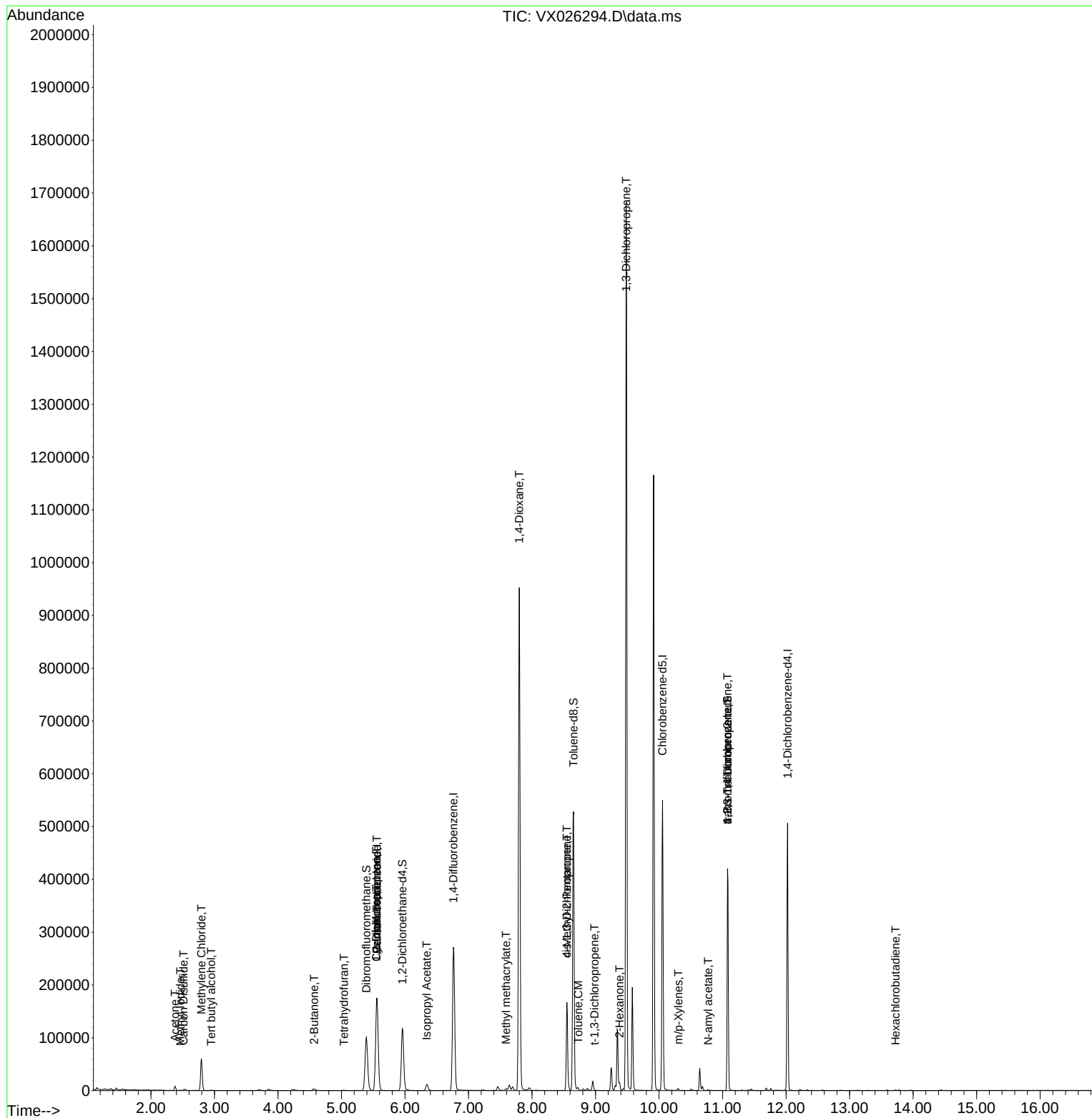
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	158237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	269335	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	117535	51.343	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.680%		
35) Dibromofluoromethane	5.391	113	88111	50.319	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.640%		
50) Toluene-d8	8.653	98	312022	47.906	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 95.820%		
62) 4-Bromofluorobenzene	11.079	95	115194	49.682	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 99.360%		
Target Compounds						Qvalue
10) Methyl Iodide	2.465	142	909	0.380	ug/l #	95
11) Tert butyl alcohol	2.947	59	879	1.922	ug/l #	73
16) Acetone	2.380	43	8376	6.753	ug/l	90
17) Carbon Disulfide	2.514	76	1114	0.222	ug/l #	75
20) Methylene Chloride	2.794	84	26663	12.740	ug/l	97
25) 2-Butanone	4.568	43	5089	2.945	ug/l #	86
29) Tetrahydrofuran	5.038	42	599	0.550	ug/l #	64
31) Cyclohexane	5.550	56	3860	1.184	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	13219	4.681	ug/l #	49
38) Carbon Tetrachloride	5.556	117	17495	5.569	ug/l #	15
43) Isopropyl Acetate	6.342	43	16373	3.068	ug/l	98
48) Methyl methacrylate	7.592	41	4835	1.889	ug/l #	12
49) 1,4-Dioxane	7.799	88	125	2.650	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	59718	17.980	ug/l #	49
52) Toluene	8.726	92	1455	0.293	ug/l	90
53) t-1,3-Dichloropropene	8.982	75	19	1.899	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	25286	7.689	ug/l #	62
57) 1,3-Dichloropropane	9.482	76	14390	4.119	ug/l #	42
59) 2-Hexanone	9.378	43	7658	3.044	ug/l #	25
68) m/p-Xylenes	10.305	106	807	0.236	ug/l	92
74) N-amyl acetate	10.774	43	928	0.271	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	60506	26.109	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	60506	75.533	ug/l #	10
94) Hexachlorobutadiene	13.725	225	213	0.252	ug/l	83

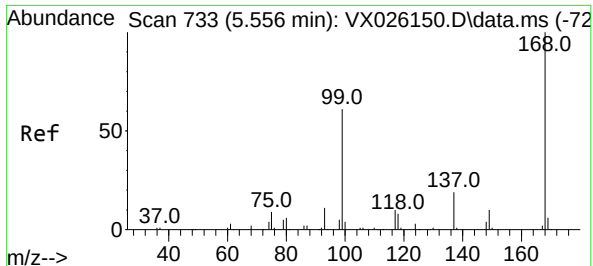
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
Data File : VX026294.D
Acq On : 05 Jan 2022 01:05
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Sample : PB141821TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

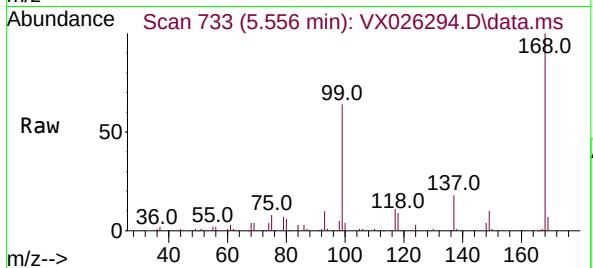
Quant Time: Jan 05 06:41:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



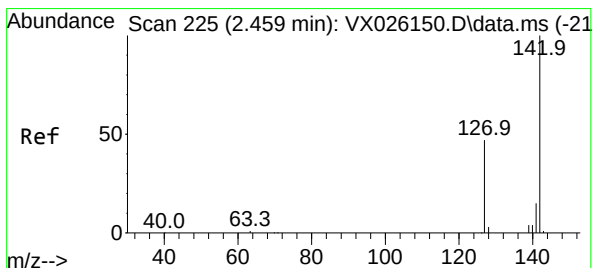
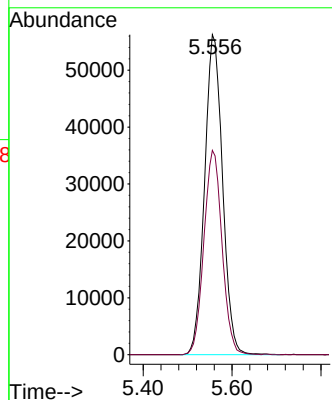
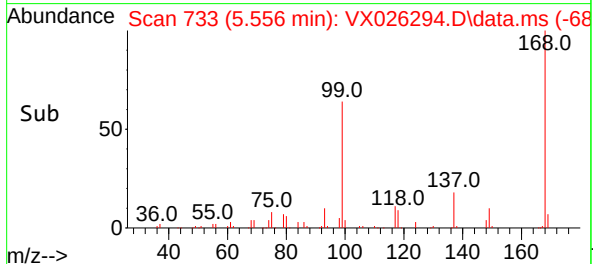


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

Instrument :
MSVOA_X
ClientSampleId :

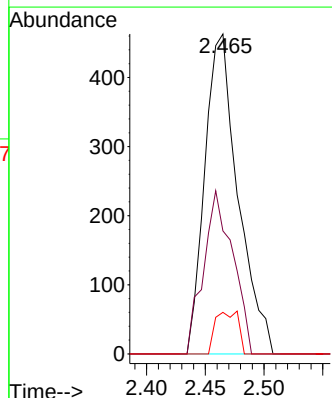
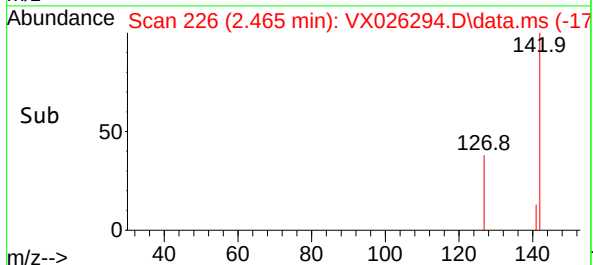
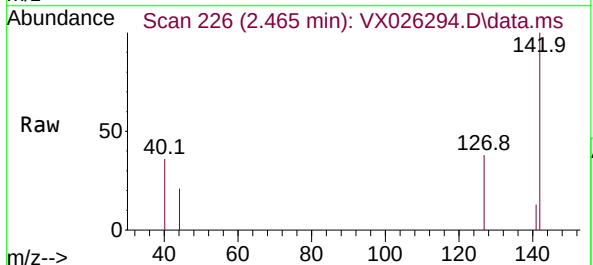


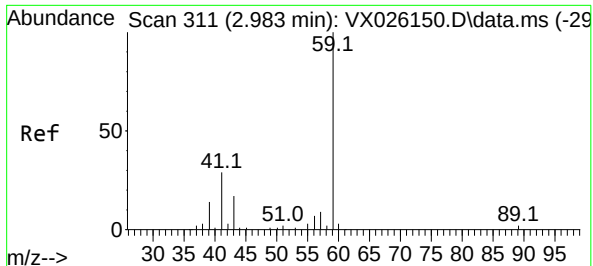
Tgt Ion:168 Resp: 158237
Ion Ratio Lower Upper
168 100
99 63.8 45.8 68.8



#10
Methyl Iodide
Concen: 0.380 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

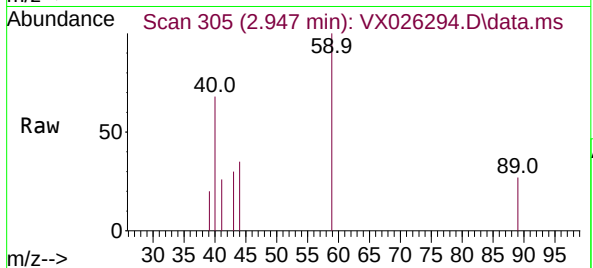
Tgt Ion:142 Resp: 909
Ion Ratio Lower Upper
142 100
127 45.0 37.5 56.3
141 9.1 11.4 17.0#



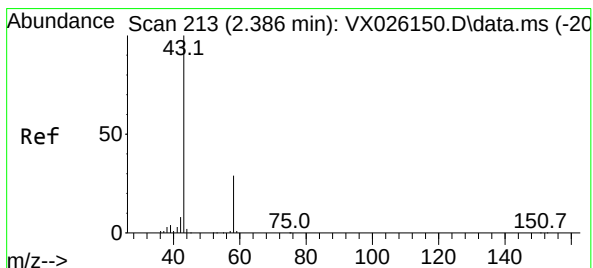
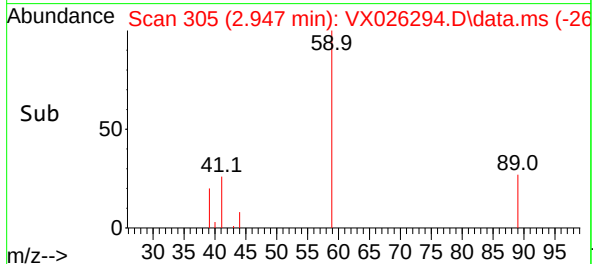
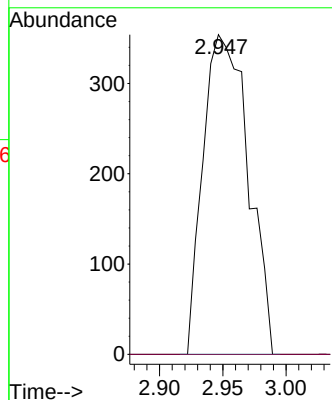


#11
Tert butyl alcohol
Concen: 1.922 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.036 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

Instrument :
MSVOA_X
ClientSampleId :

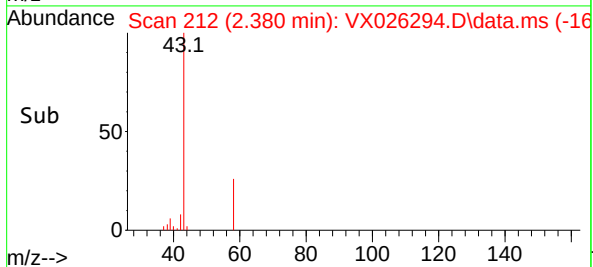
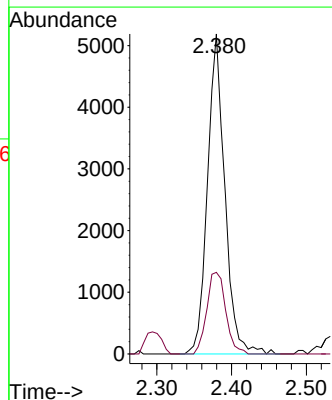
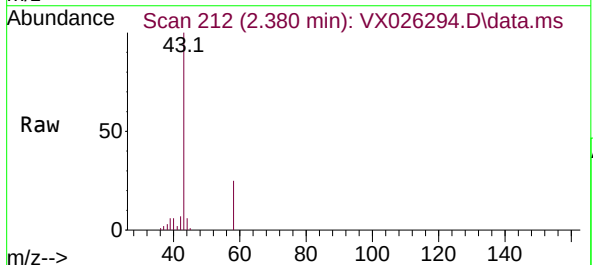


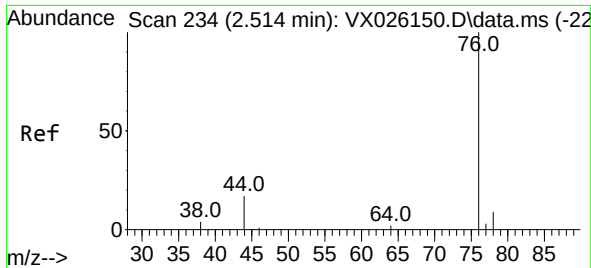
Tgt Ion: 59 Resp: 879
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 6.753 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

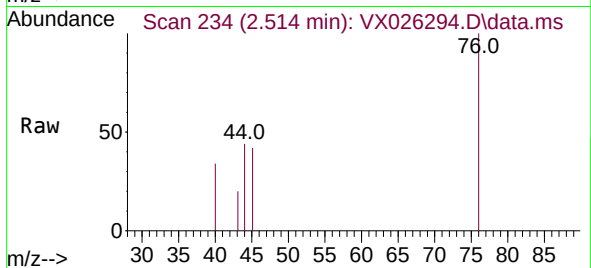
Tgt Ion: 43 Resp: 8376
Ion Ratio Lower Upper
43 100
58 25.5 24.8 37.2



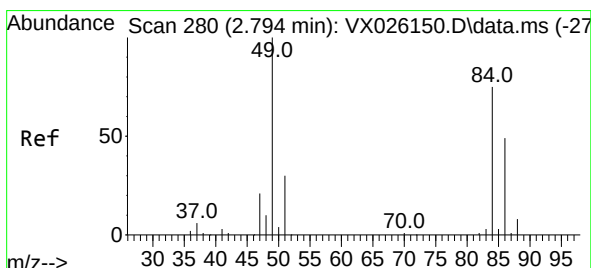
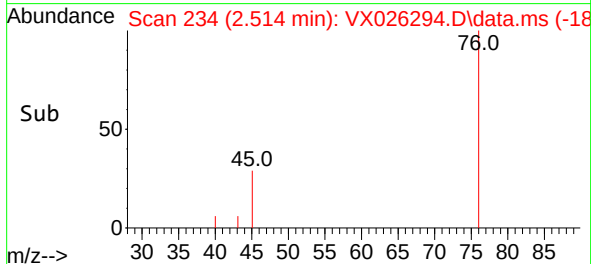
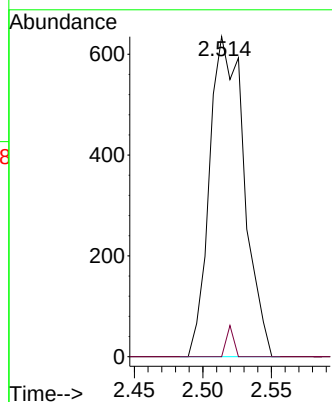


#17
Carbon Disulfide
Concen: 0.222 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

Instrument :
MSVOA_X
ClientSampleId :

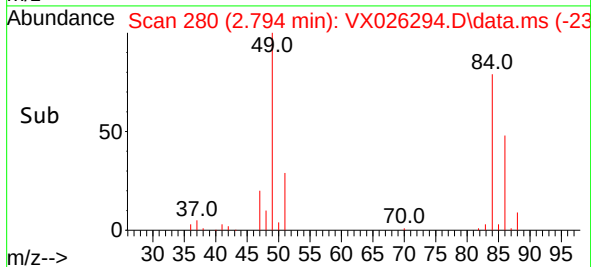
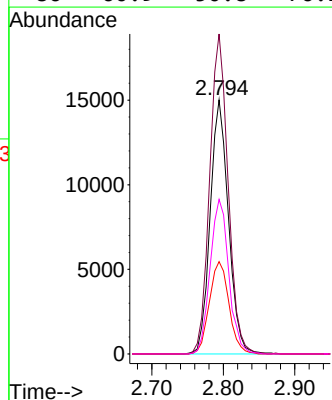
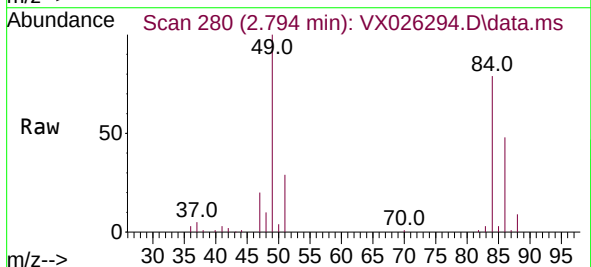


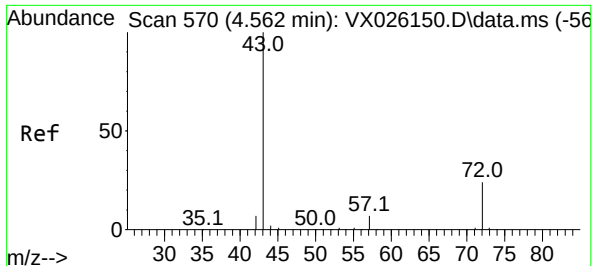
Tgt Ion: 76 Resp: 1114
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 12.740 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

Tgt Ion: 84 Resp: 26663
Ion Ratio Lower Upper
84 100
49 126.0 97.1 145.7
51 36.3 29.3 43.9
86 60.9 50.8 76.2

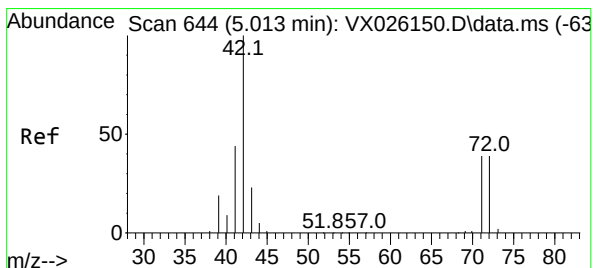
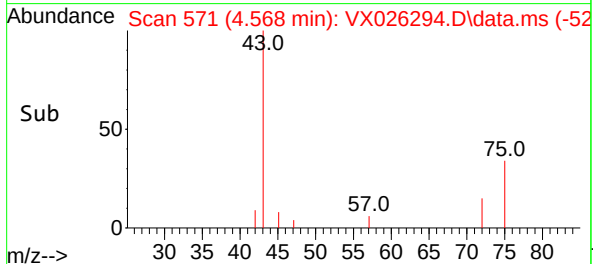
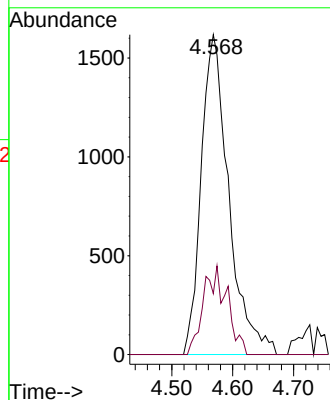
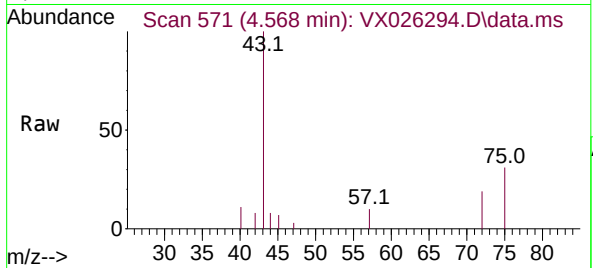




#25
2-Butanone
Concen: 2.945 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

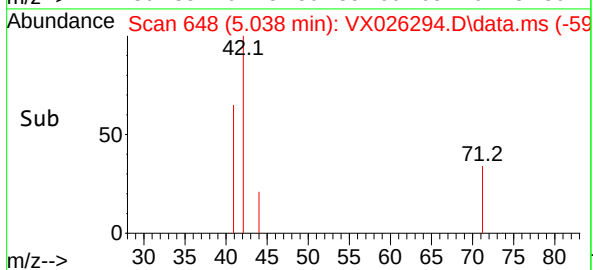
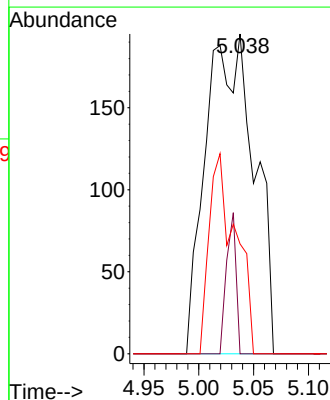
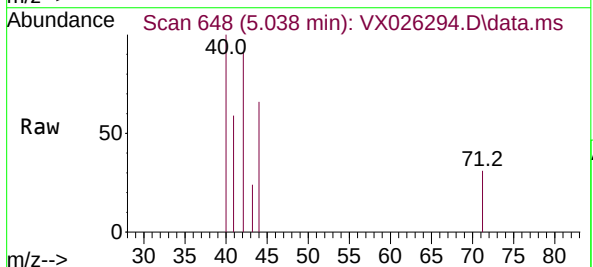
Instrument :
MSVOA_X
ClientSampleId :

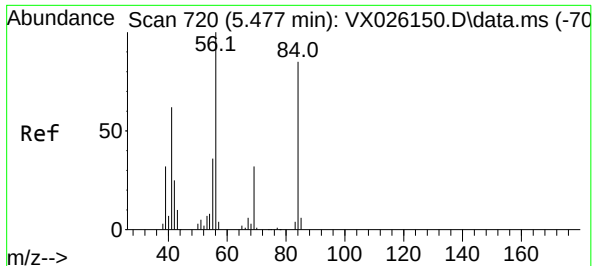
Tgt Ion: 43 Resp: 5089
Ion Ratio Lower Upper
43 100
72 19.1 21.0 31.4#



#29
Tetrahydrofuran
Concen: 0.550 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.025 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

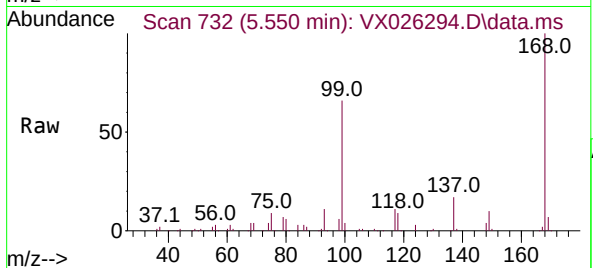
Tgt Ion: 42 Resp: 599
Ion Ratio Lower Upper
42 100
72 8.7 37.0 55.6#
71 34.1 34.1 51.1#



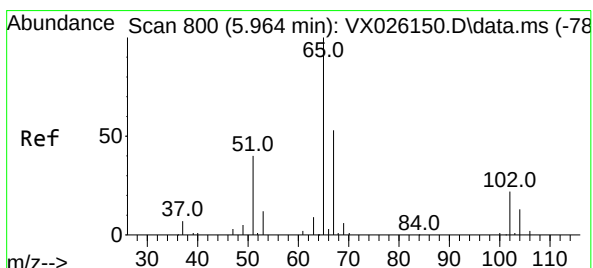
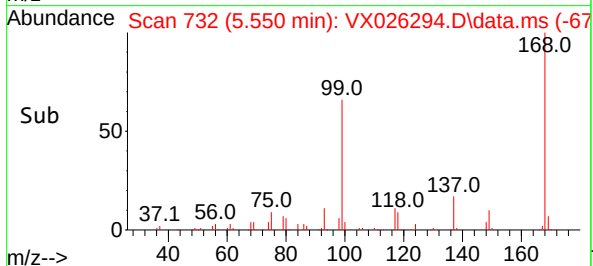
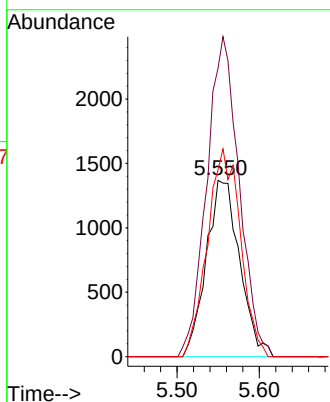


#31
Cyclohexane
Concen: 1.184 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

Instrument :
MSVOA_X
ClientSampleId :

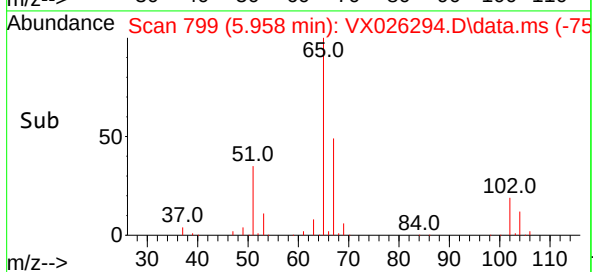
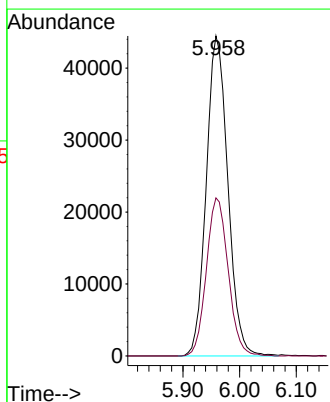
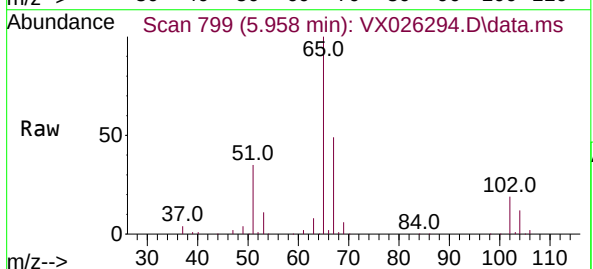


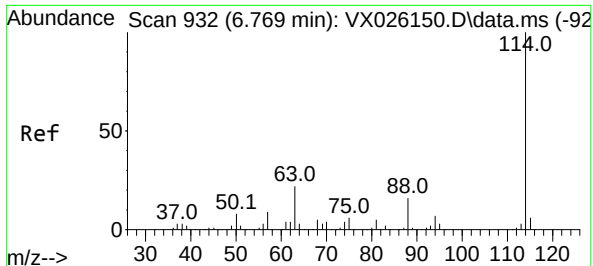
Tgt Ion: 56 Resp: 3860
Ion Ratio Lower Upper
56 100
69 163.6 23.9 35.9#
84 106.1 73.2 109.8



#33
1,2-Dichloroethane-d4
Concen: 51.343 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

Tgt Ion: 65 Resp: 117535
Ion Ratio Lower Upper
65 100
67 49.9 0.0 103.4

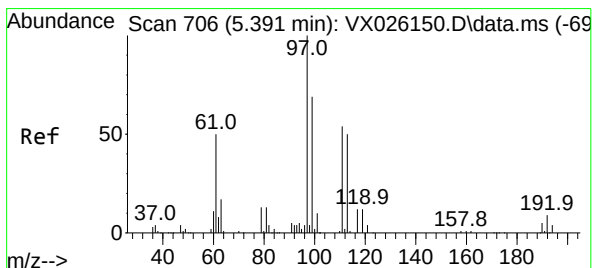
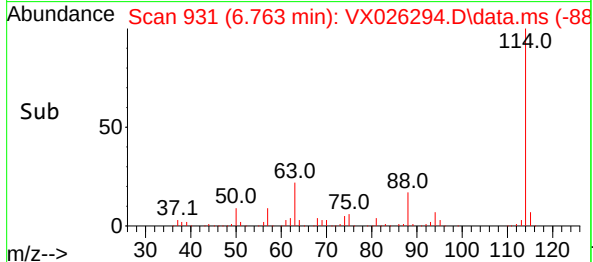
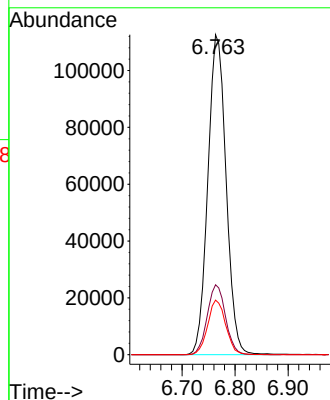
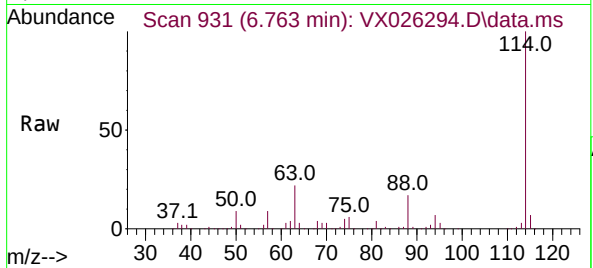




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

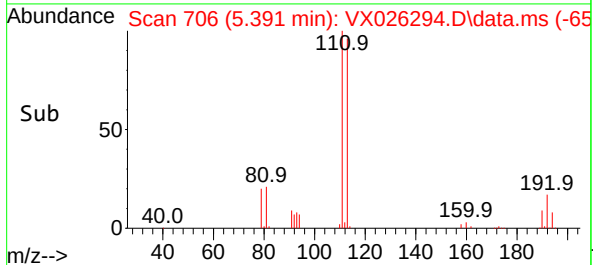
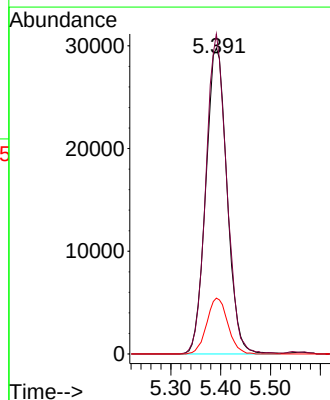
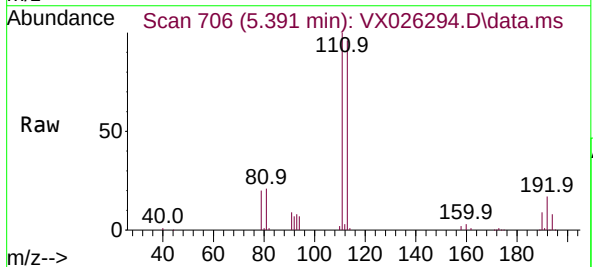
Instrument :
MSVOA_X
ClientSampleId :

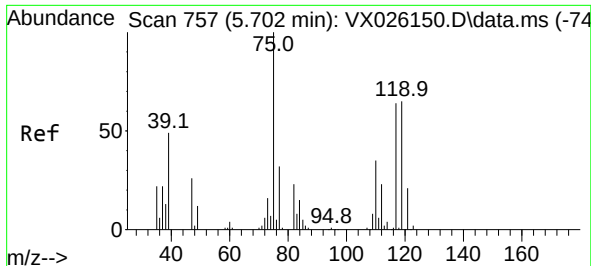
Tgt Ion:114 Resp: 269335
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.0
88 17.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.319 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

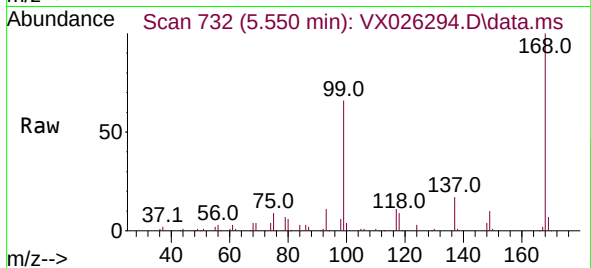
Tgt Ion:113 Resp: 88111
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.8
192 18.1 15.0 22.4



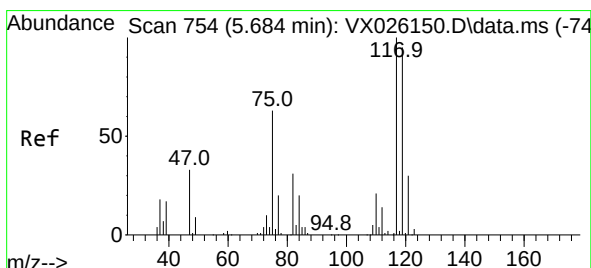
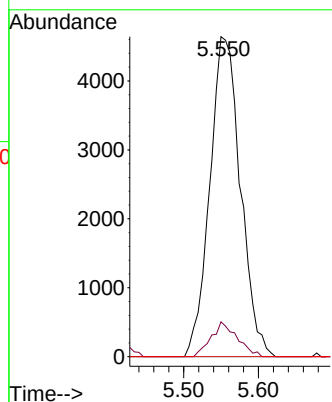
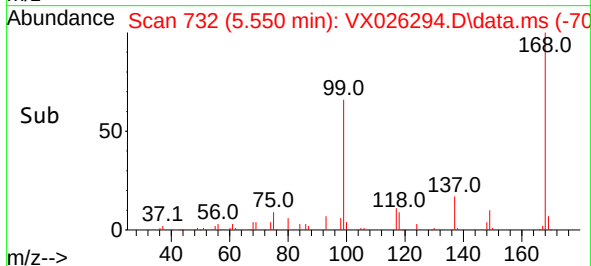


#36
1,1-Dichloropropene
Concen: 4.681 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.152 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

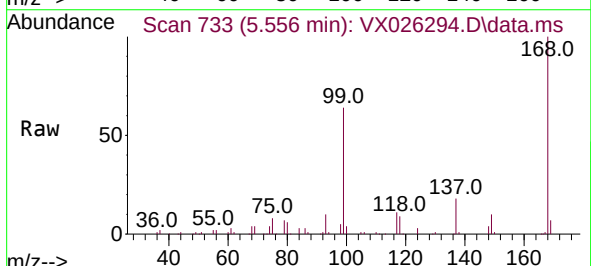
Instrument :
MSVOA_X
ClientSampleId :



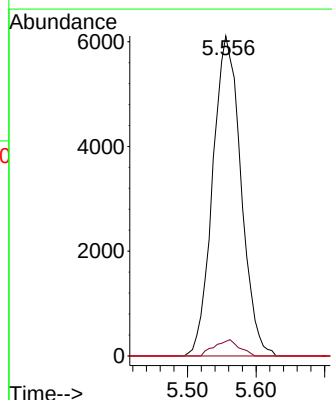
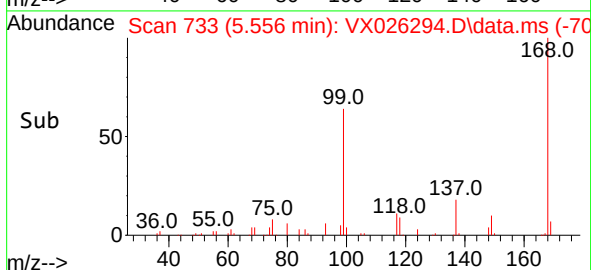
Tgt Ion: 75 Resp: 13219
Ion Ratio Lower Upper
75 100
110 9.3 18.2 54.6#
77 0.0 24.7 37.1#

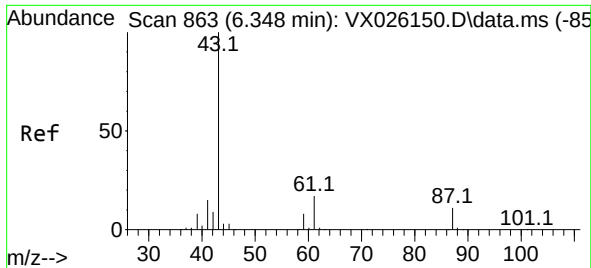


#38
Carbon Tetrachloride
Concen: 5.569 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05



Tgt Ion: 117 Resp: 17495
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 23.8 35.8#

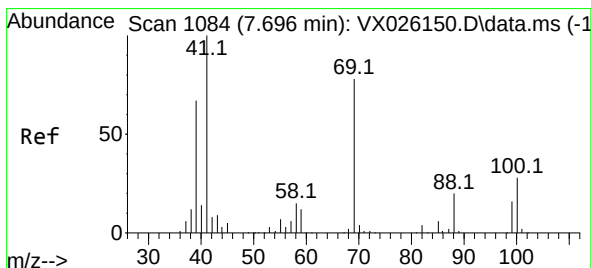
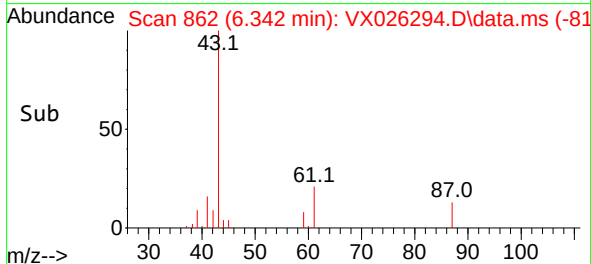
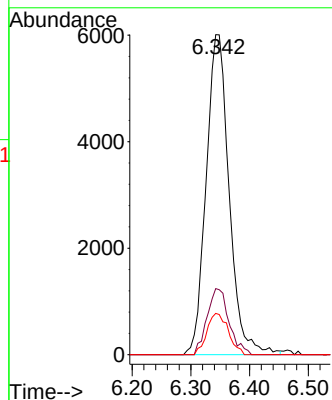
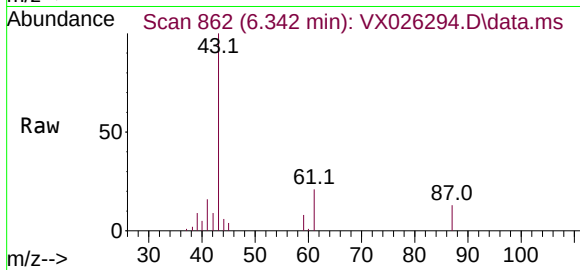




#43
Isopropyl Acetate
Concen: 3.068 ug/l
RT: 6.342 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

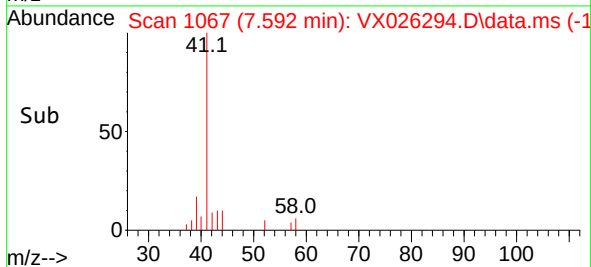
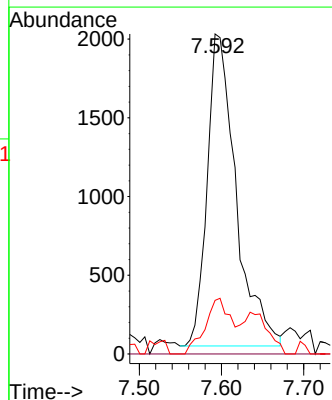
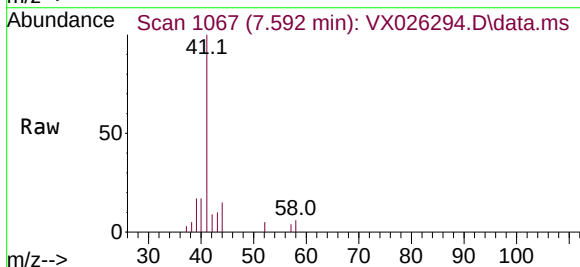
Instrument :
MSVOA_X
ClientSampleId :

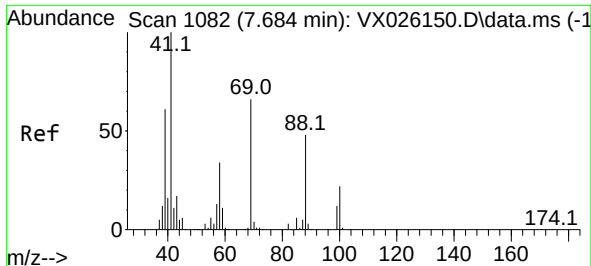
Tgt Ion: 43 Resp: 16373
Ion Ratio Lower Upper
43 100
61 19.6 15.7 23.5
87 12.0 11.2 16.8



#48
Methyl methacrylate
Concen: 1.889 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. -0.104 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

Tgt Ion: 41 Resp: 4835
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: 2.650 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.115 min

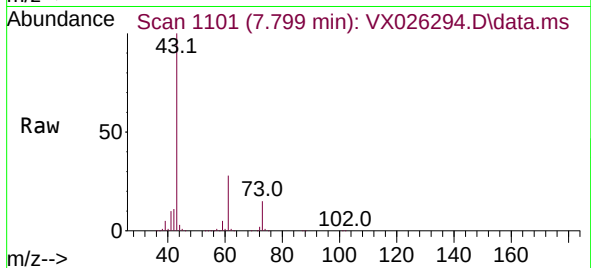
Lab File: VX026294.D

Acq: 05 Jan 2022 01:05

Instrument :

MSVOA_X

ClientSampleId :



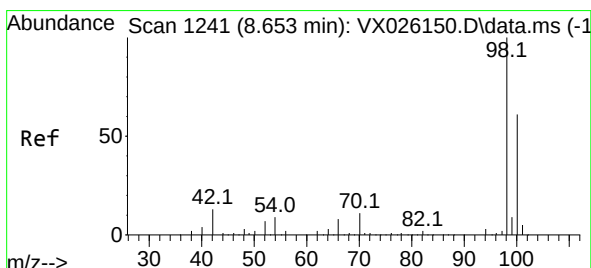
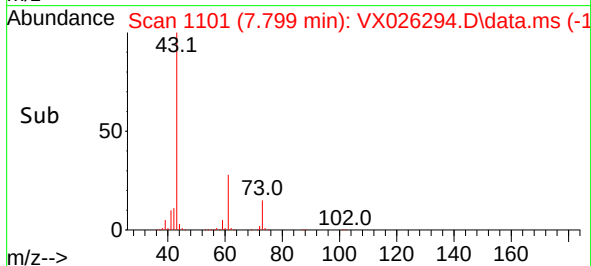
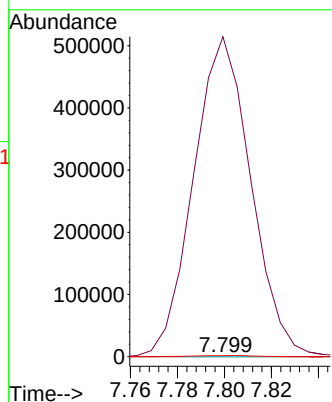
Tgt Ion: 88 Resp: 125

Ion Ratio Lower Upper

88 100

43 704112.8 25.3 37.9#

58 2492.8 51.8 77.6#



#50

Toluene-d8

Concen: 47.906 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026294.D

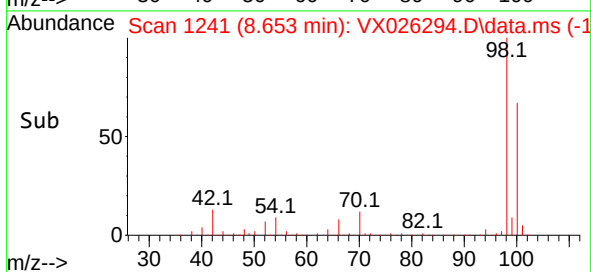
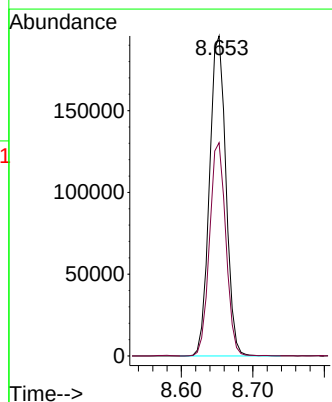
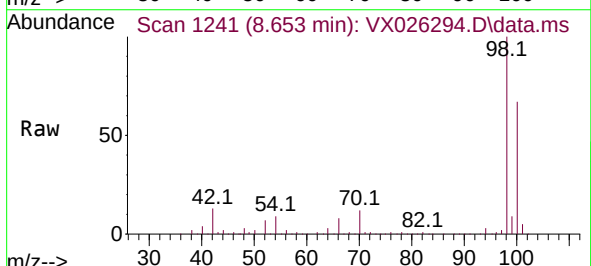
Acq: 05 Jan 2022 01:05

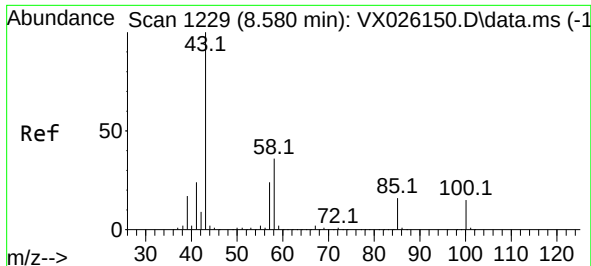
Tgt Ion: 98 Resp: 312022

Ion Ratio Lower Upper

98 100

100 65.9 52.6 78.8

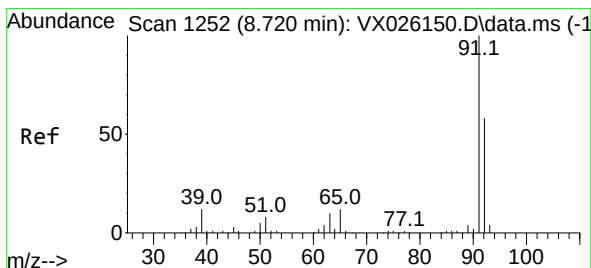
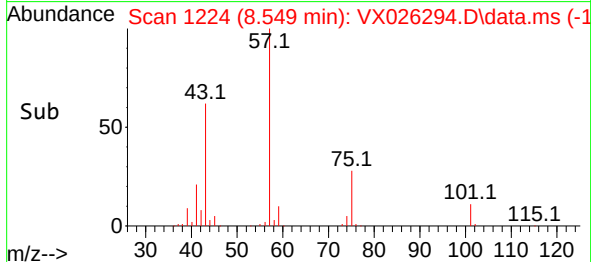
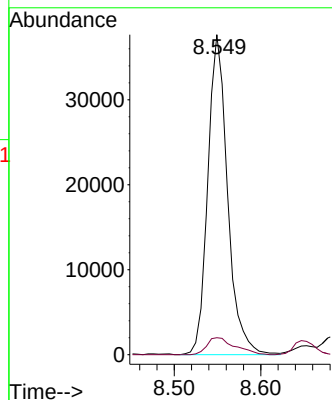
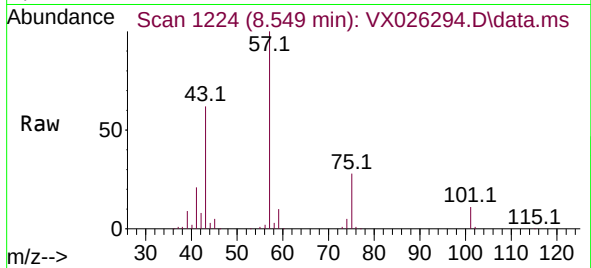




#51
4-Methyl-2-Pentanone
Concen: 17.980 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

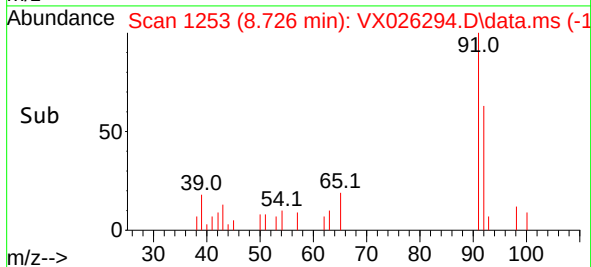
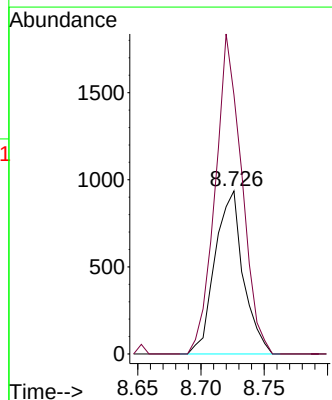
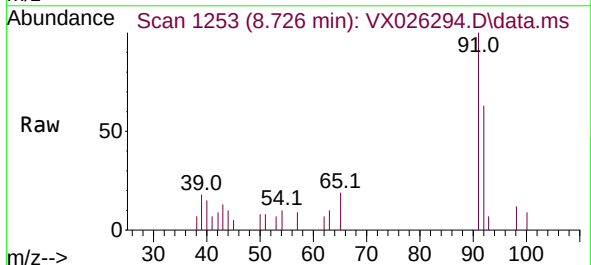
Instrument :
MSVOA_X
ClientSampleId :

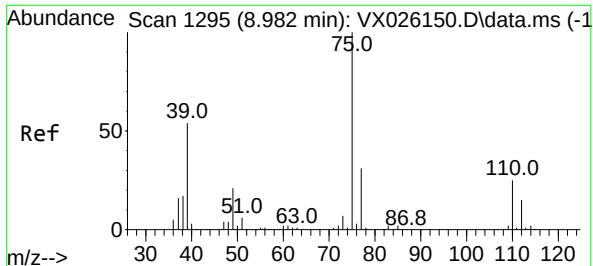
Tgt Ion: 43 Resp: 59718
Ion Ratio Lower Upper
43 100
58 7.5 30.8 46.2#



#52
Toluene
Concen: 0.293 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

Tgt Ion: 92 Resp: 1455
Ion Ratio Lower Upper
92 100
91 184.1 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 1.899 ug/l

RT: 8.982 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026294.D

Acq: 05 Jan 2022 01:05

Instrument :

MSVOA_X

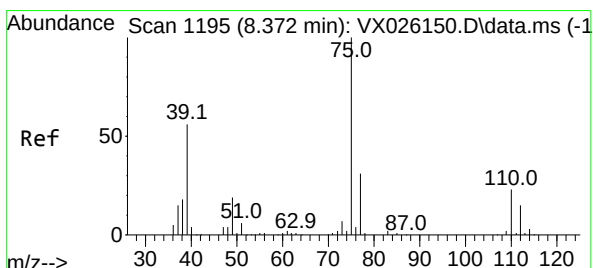
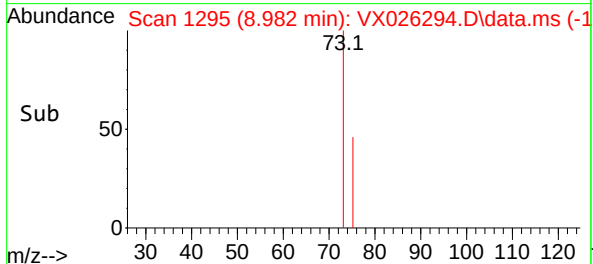
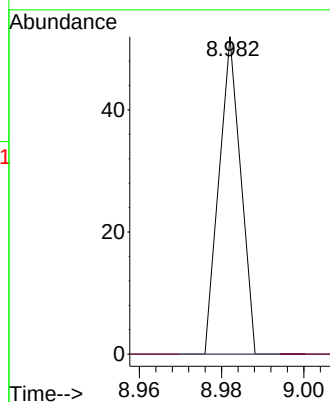
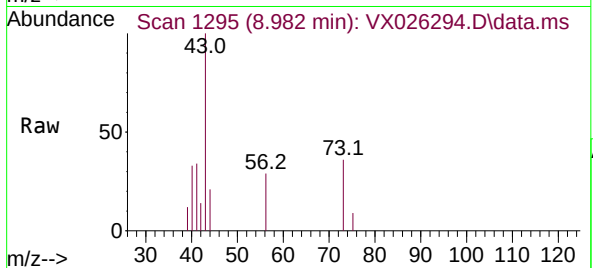
ClientSampleId :

Tgt Ion: 75 Resp: 19

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 7.689 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.177 min

Lab File: VX026294.D

Acq: 05 Jan 2022 01:05

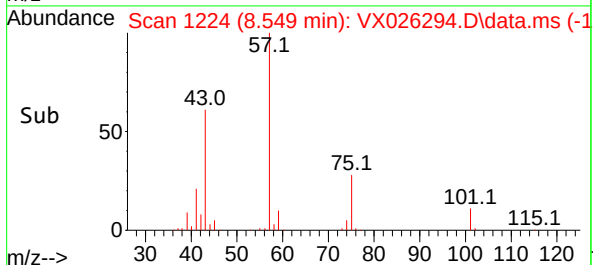
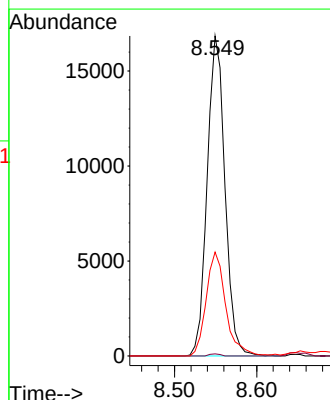
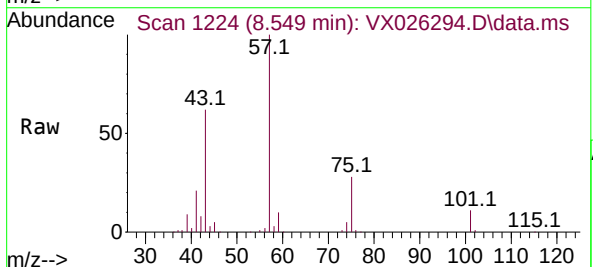
Tgt Ion: 75 Resp: 25286

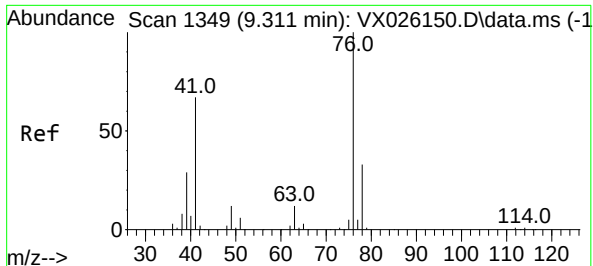
Ion Ratio Lower Upper

75 100

77 0.7 25.3 37.9#

39 32.5 41.4 62.0#





#57

1,3-Dichloropropane

Concen: 4.119 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026294.D

Acq: 05 Jan 2022 01:05

Instrument :

MSVOA_X

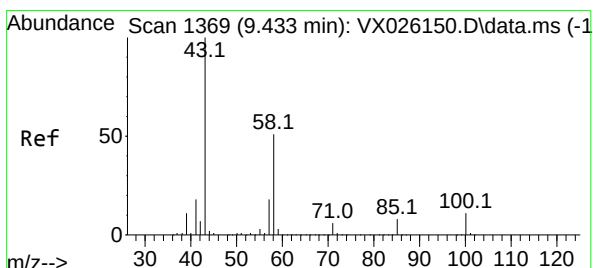
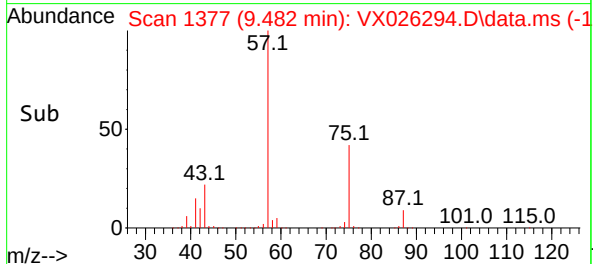
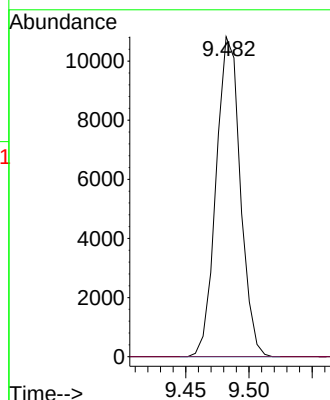
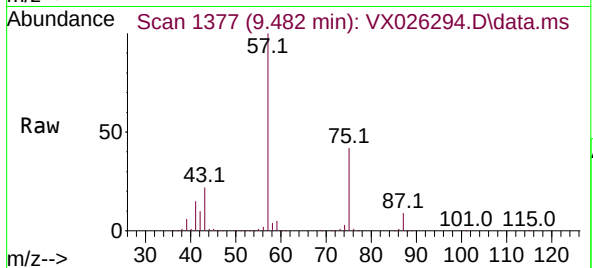
ClientSampleId :

Tgt Ion: 76 Resp: 14390

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#



#59

2-Hexanone

Concen: 3.044 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.055 min

Lab File: VX026294.D

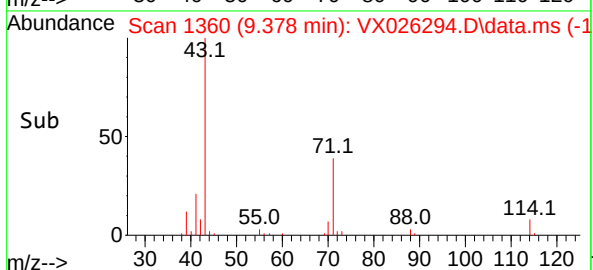
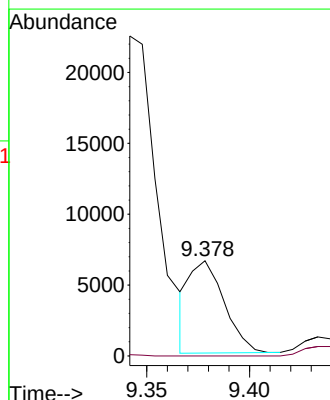
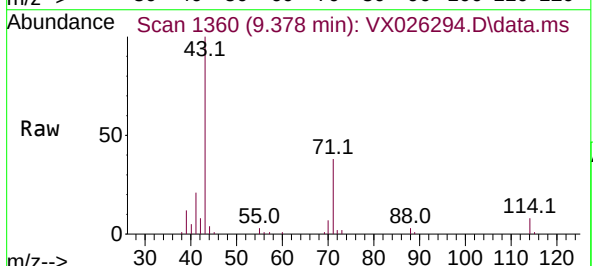
Acq: 05 Jan 2022 01:05

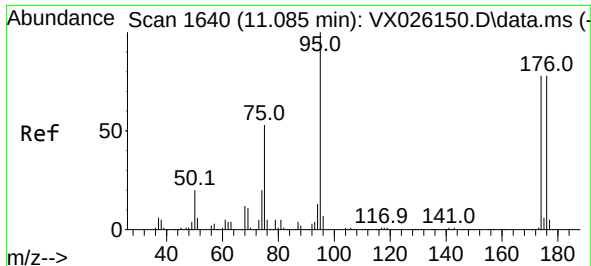
Tgt Ion: 43 Resp: 7658

Ion Ratio Lower Upper

43 100

58 0.0 26.9 80.6#

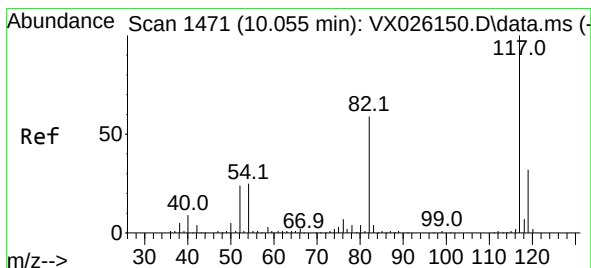
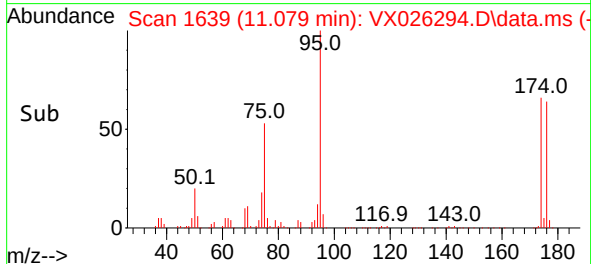
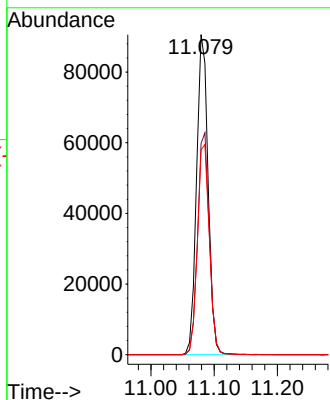
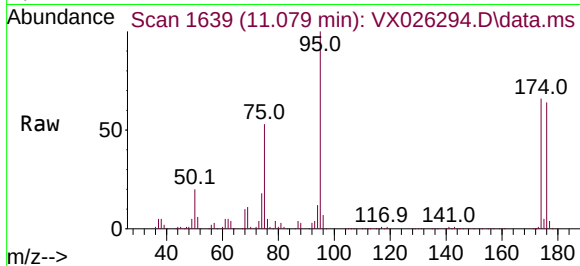




#62
4-Bromofluorobenzene
Concen: 49.682 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

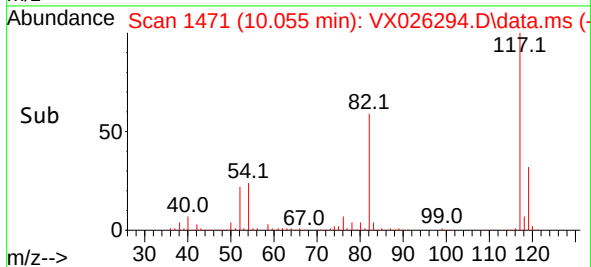
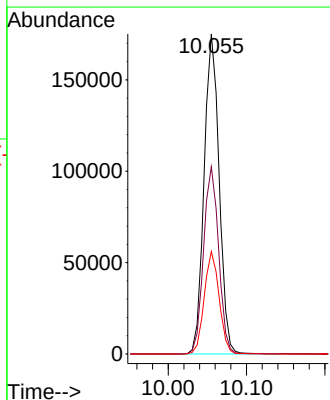
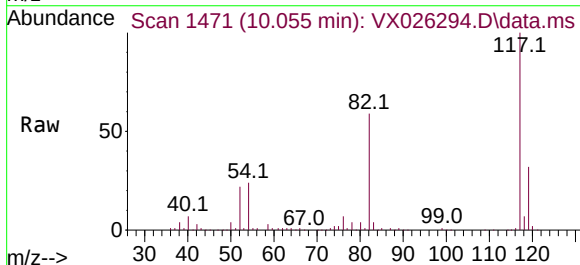
Instrument :
MSVOA_X
ClientSampleId :

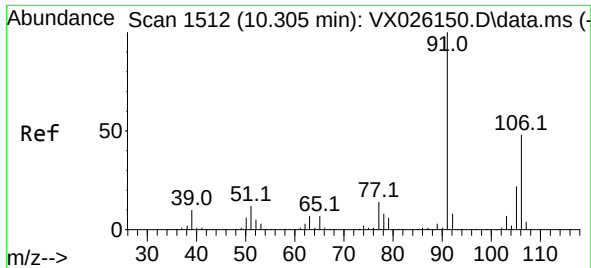
Tgt Ion: 95 Resp: 115194
Ion Ratio Lower Upper
95 100
174 70.2 0.0 157.4
176 67.8 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

Tgt Ion: 117 Resp: 232868
Ion Ratio Lower Upper
117 100
82 58.5 43.8 65.6
119 32.0 25.2 37.8

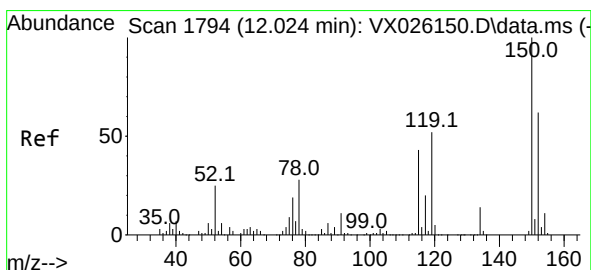
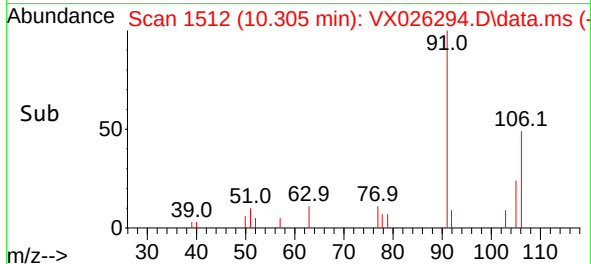
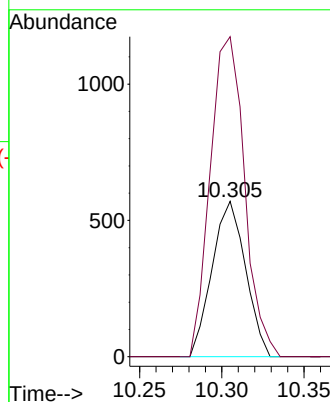
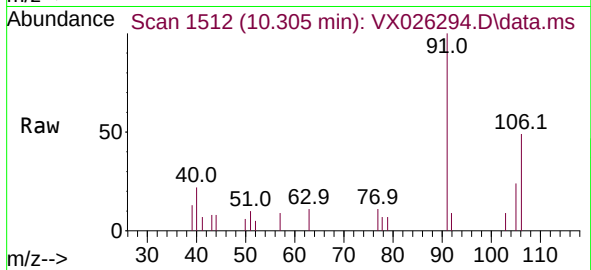




#68
m/p-Xylenes
Concen: 0.236 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

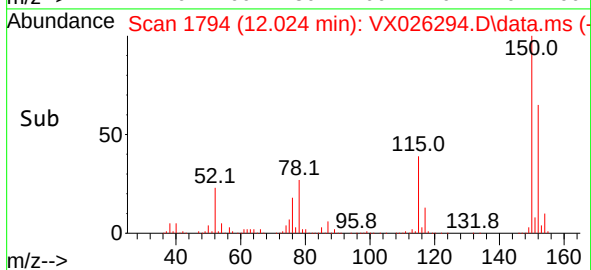
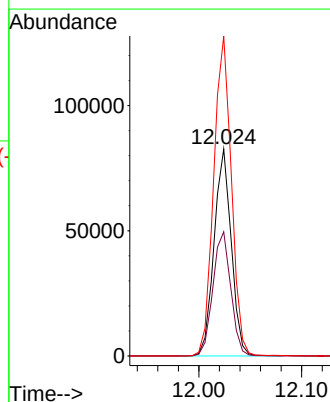
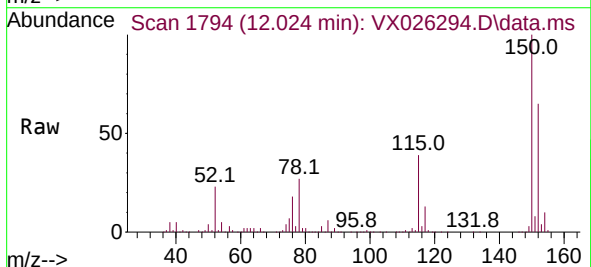
Instrument :
MSVOA_X
ClientSampleId :

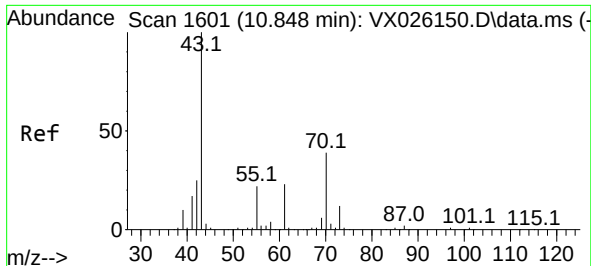
Tgt Ion:106 Resp: 807
Ion Ratio Lower Upper
106 100
91 211.0 158.6 238.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

Tgt Ion:152 Resp: 96011
Ion Ratio Lower Upper
152 100
115 62.4 41.3 123.9
150 159.1 0.0 351.8

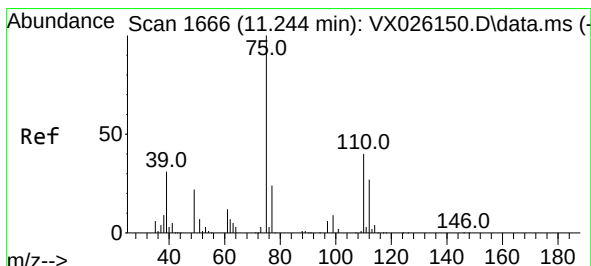
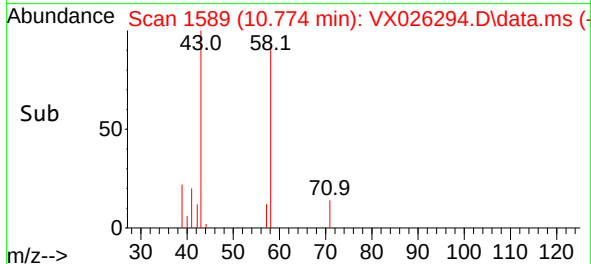
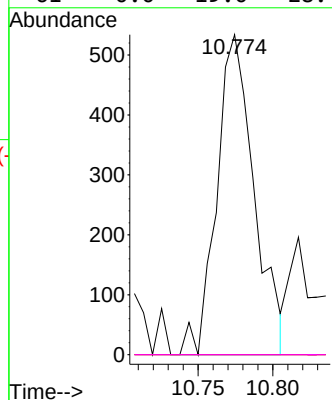
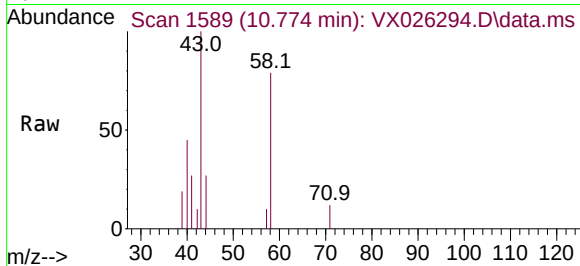




#74
N-amy1 acetate
Concen: 0.271 ug/l
RT: 10.774 min Scan# 1639
Delta R.T. -0.074 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

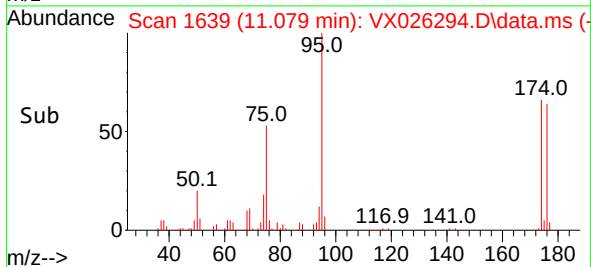
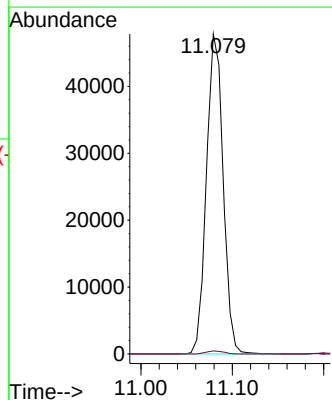
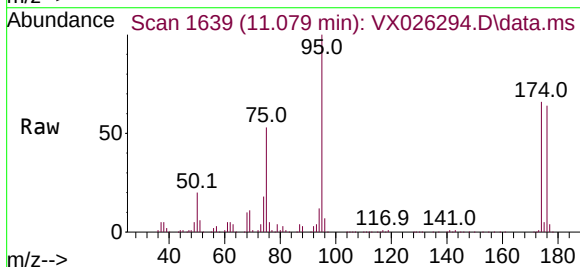
Instrument :
MSVOA_X
ClientSampleId :

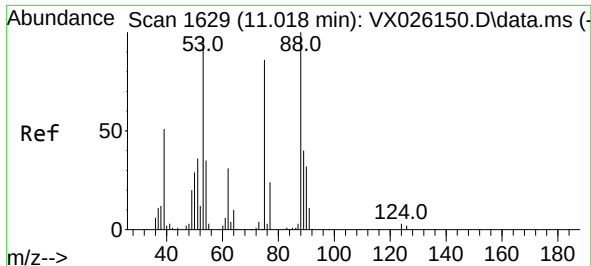
Tgt Ion: 43	Resp: 928
Ion Ratio	Lower Upper
43 100	
70 0.0	34.1 51.1#
55 0.0	19.2 28.8#
61 0.0	19.0 28.4#



#76
1,2,3-Trichloropropane
Concen: 26.109 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

Tgt Ion: 75	Resp: 60506
Ion Ratio	Lower Upper
75 100	
77 1.0	19.0 57.0#

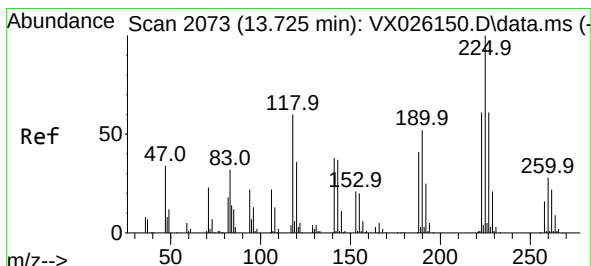
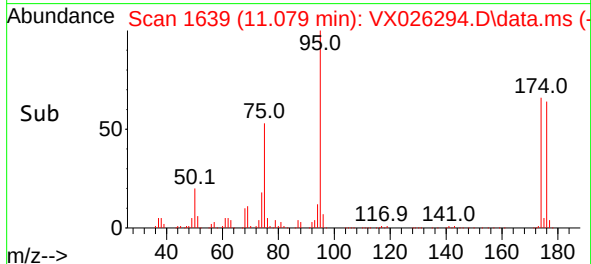
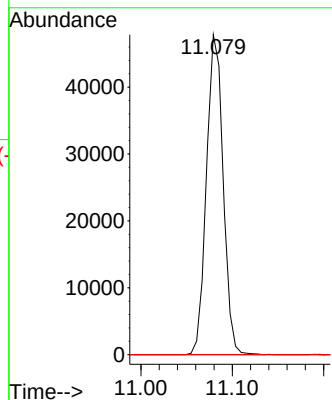
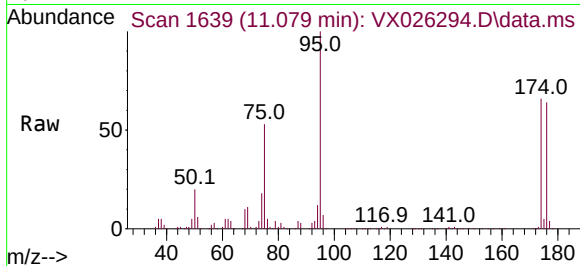




#81
trans-1,4-Dichloro-2-butene
Concen: 75.533 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 60506
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#



#94
Hexachlorobutadiene
Concen: 0.252 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX026294.D
Acq: 05 Jan 2022 01:05

Tgt Ion: 225 Resp: 213
Ion Ratio Lower Upper
225 100
223 85.9 31.6 95.0
227 68.5 32.5 97.5

