

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011222\
 Data File : VX026440.D
 Acq On : 12 Jan 2022 17:46
 Operator : JC/MD
 Sample : N1122-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 13 05:54:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

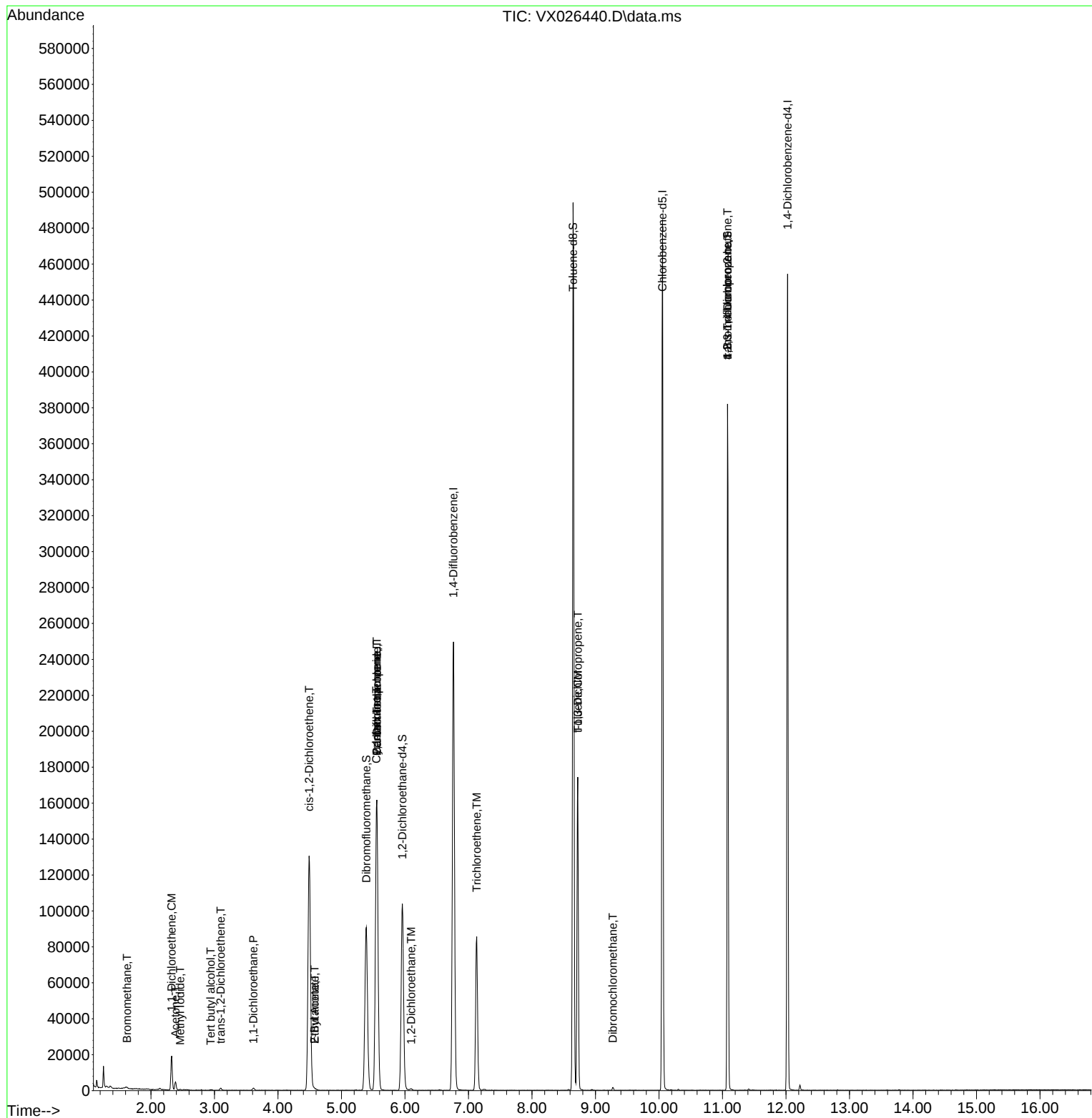
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	150574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	250081	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103873	49.383	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.760%
35) Dibromofluoromethane	5.391	113	79971	49.519	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.040%
50) Toluene-d8	8.647	98	285002	48.973	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.940%
62) 4-Bromofluorobenzene	11.079	95	102946	49.797	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.600%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	189	0.239	ug/l	82
10) Methyl Iodide	2.459	142	486	4.695	ug/l #	85
11) Tert butyl alcohol	2.941	59	148	0.506	ug/l #	75
12) 1,1-Dichloroethene	2.325	96	6242	3.969	ug/l	90
16) Acetone	2.386	43	5210	4.857	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	523	0.307	ug/l	92
24) 1,1-Dichloroethane	3.611	63	1560	0.492	ug/l #	81
25) 2-Butanone	4.574	43	757	0.543	ug/l #	50
27) cis-1,2-Dichloroethene	4.489	96	82842	42.638	ug/l	91
31) Cyclohexane	5.550	56	3294	1.062	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12389	4.860	ug/l #	51
37) Ethyl Acetate	4.574	43	757	0.294	ug/l #	69
38) Carbon Tetrachloride	5.556	117	16226	6.187	ug/l #	16
42) 1,2-Dichloroethane	6.099	62	980	0.355	ug/l	81
44) Trichloroethene	7.129	130	32502	16.255	ug/l	98
52) Toluene	8.720	92	64392	14.901	ug/l	100
53) t-1,3-Dichloropropene	8.720	75	813	2.171	ug/l #	1
60) Dibromochloromethane	9.275	129	387	0.220	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	52769	26.565	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	52769	80.437	ug/l #	3

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

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Quant Time: Jan 13 05:54:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
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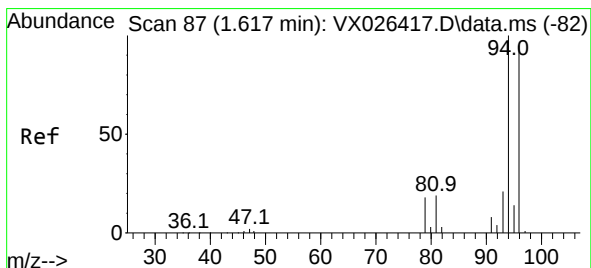
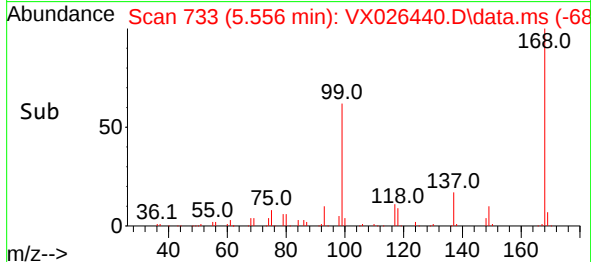
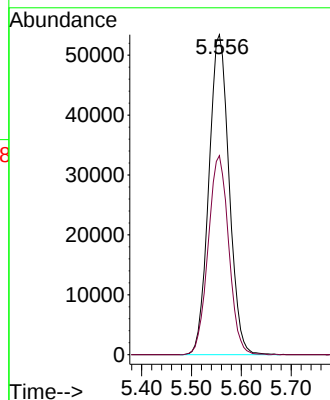
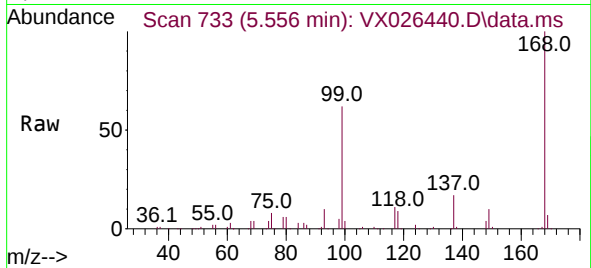




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

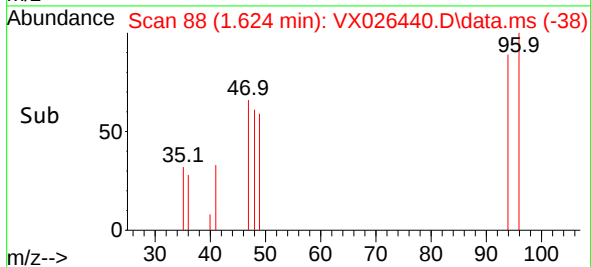
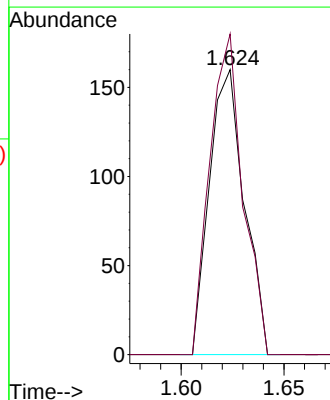
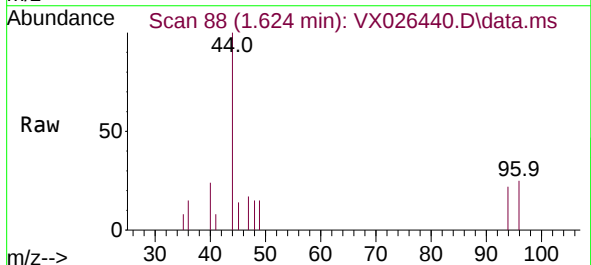
Instrument :
MSVOA_X
ClientSampleId :

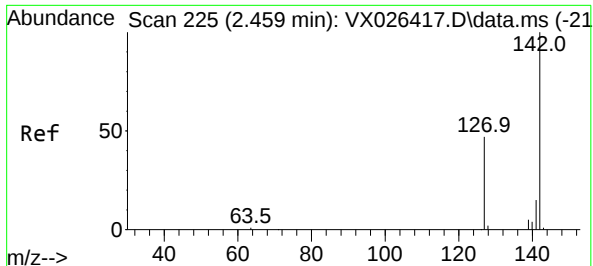
Tgt Ion:168 Resp: 150574
Ion Ratio Lower Upper
168 100
99 62.2 50.3 75.5



#5
Bromomethane
Concen: 0.239 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

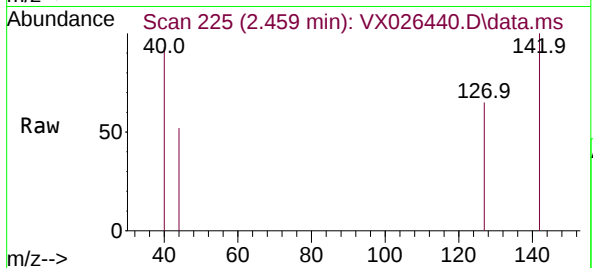
Tgt Ion: 94 Resp: 189
Ion Ratio Lower Upper
94 100
96 112.5 75.9 113.9



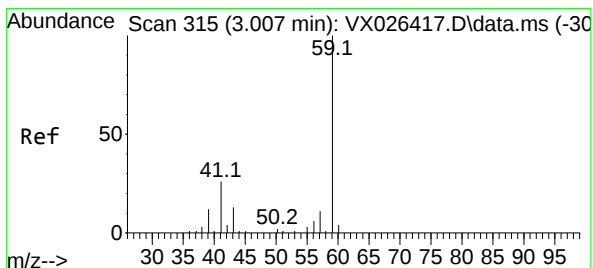
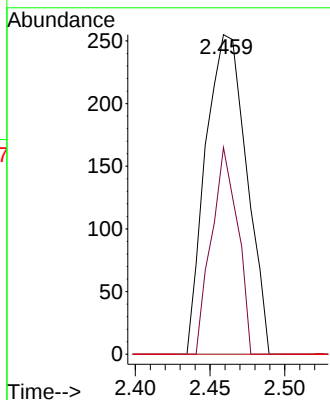
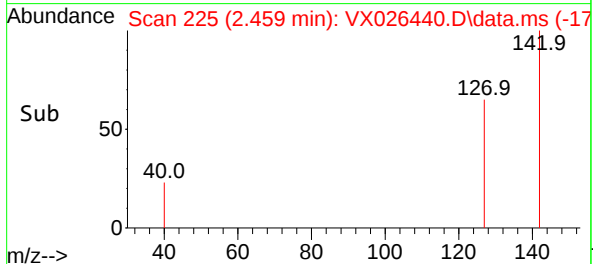


#10
Methyl Iodide
Concen: 4.695 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

Instrument :
MSVOA_X
ClientSampleId :

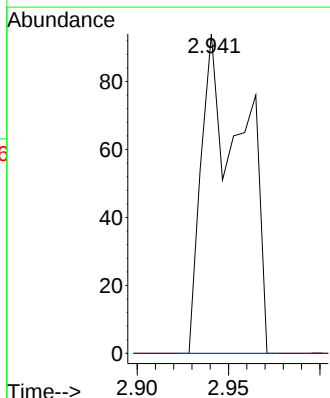
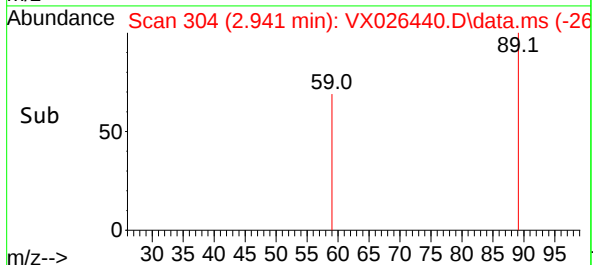
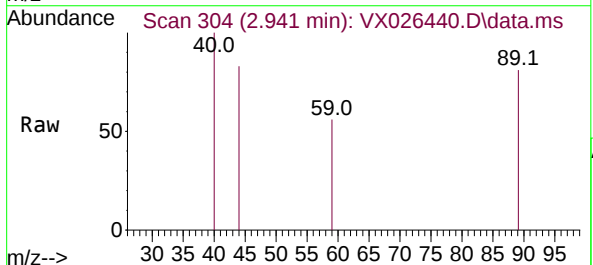


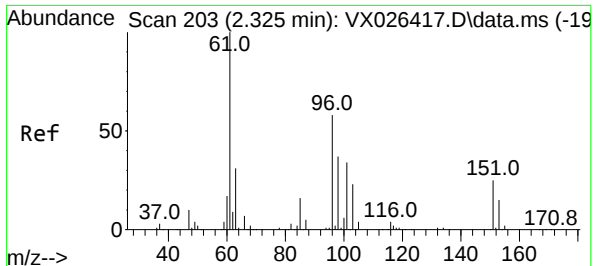
Tgt Ion:142 Resp: 486
Ion Ratio Lower Upper
142 100
127 41.2 38.1 57.1
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.506 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.066 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

Tgt Ion: 59 Resp: 148
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#





#12

1,1-Dichloroethene

Concen: 3.969 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

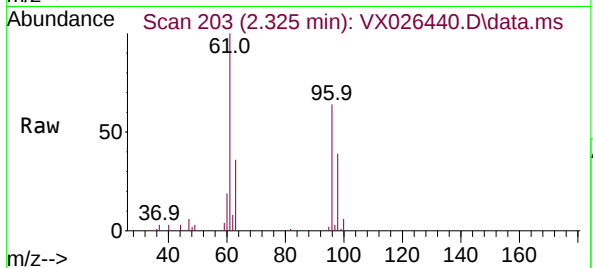
Lab File: VX026440.D

Acq: 12 Jan 2022 17:46

Instrument :

MSVOA_X

ClientSampleId :



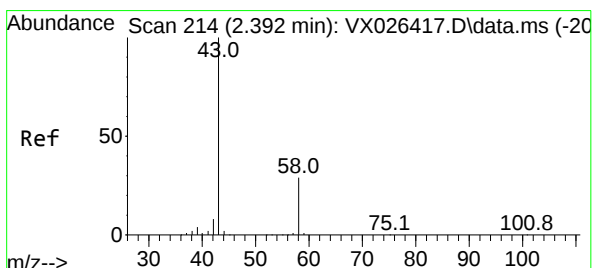
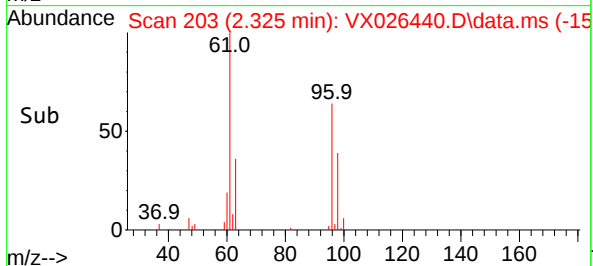
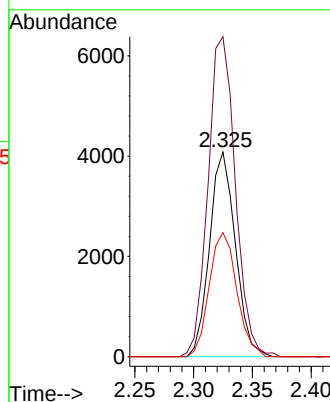
Tgt Ion: 96 Resp: 6242

Ion Ratio Lower Upper

96 100

61 156.3 138.5 207.7

98 60.6 51.8 77.6



#16

Acetone

Concen: 4.857 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX026440.D

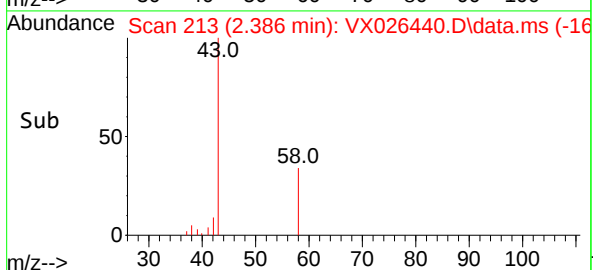
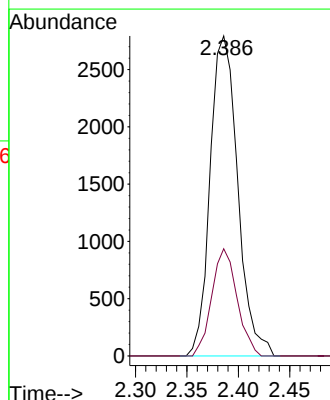
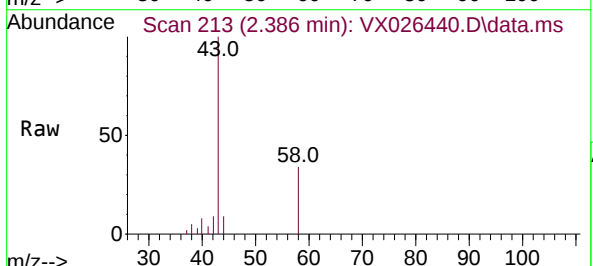
Acq: 12 Jan 2022 17:46

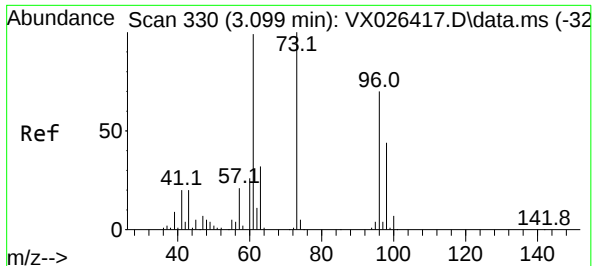
Tgt Ion: 43 Resp: 5210

Ion Ratio Lower Upper

43 100

58 33.5 23.0 34.6

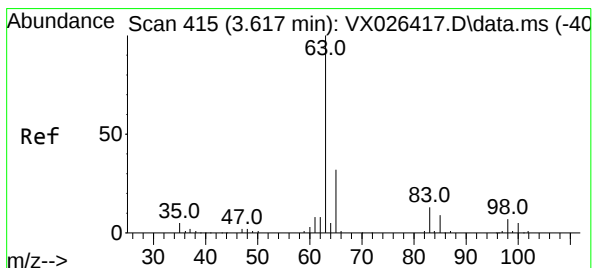
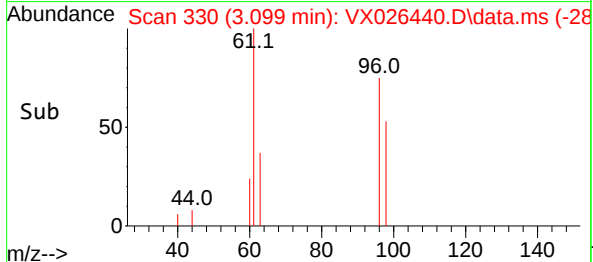
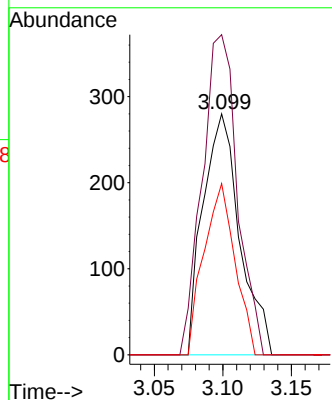
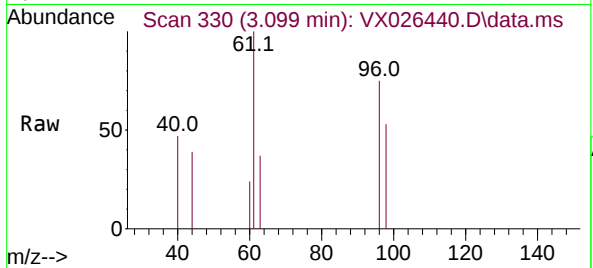




#21
trans-1,2-Dichloroethene
Concen: 0.307 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

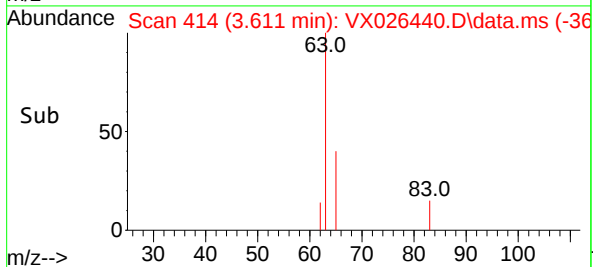
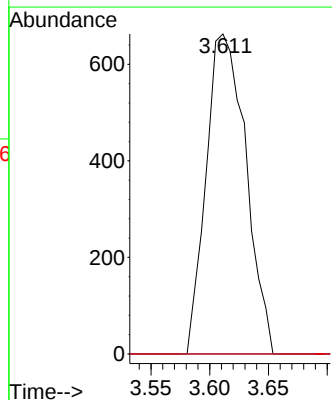
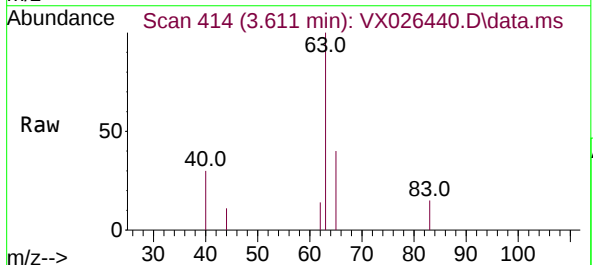
Instrument :
MSVOA_X
ClientSampleId :

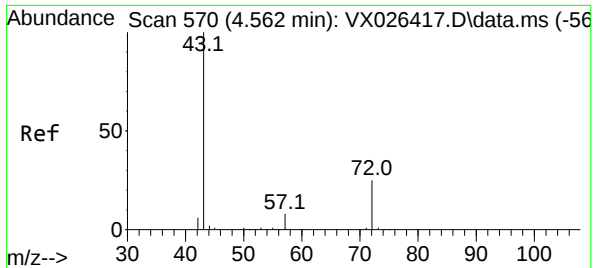
Tgt Ion: 96 Resp: 523
Ion Ratio Lower Upper
96 100
61 132.9 112.9 169.3
98 71.1 49.5 74.3



#24
1,1-Dichloroethane
Concen: 0.492 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

Tgt Ion: 63 Resp: 1560
Ion Ratio Lower Upper
63 100
98 0.0 3.7 11.1#
100 0.0 2.4 7.2#

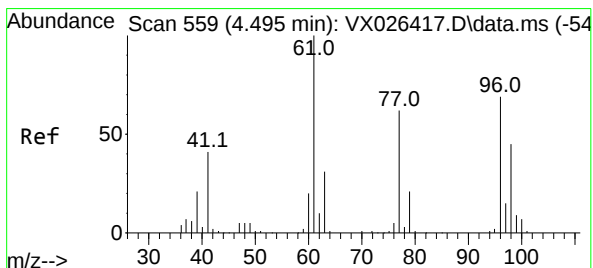
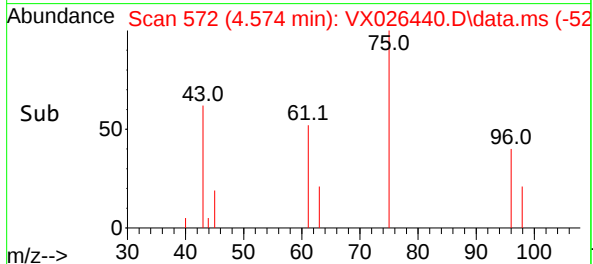
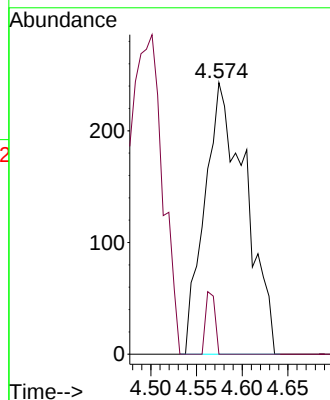
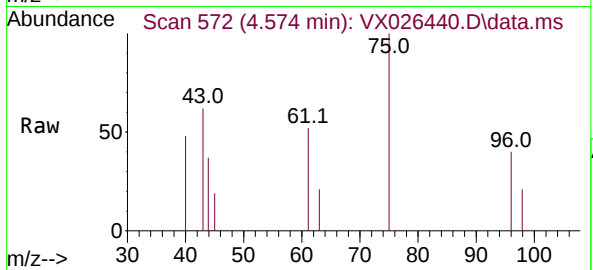




#25
2-Butanone
Concen: 0.543 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

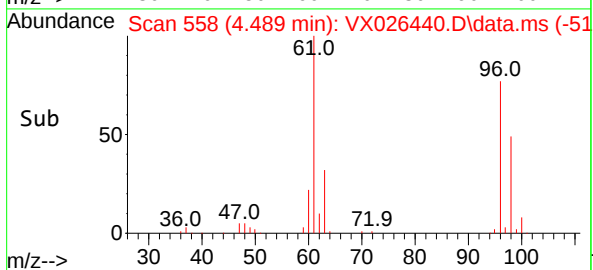
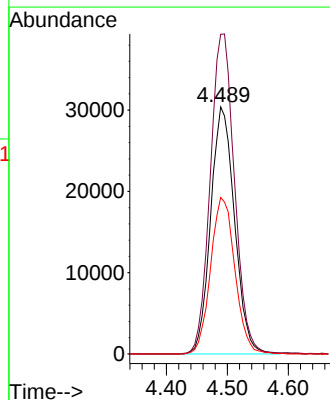
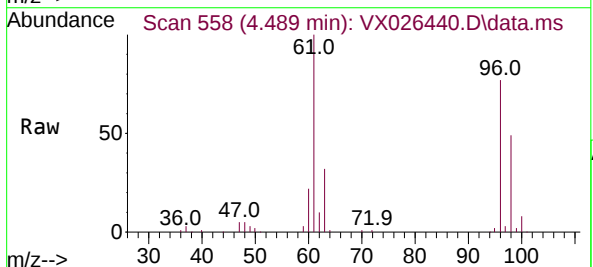
Instrument :
MSVOA_X
ClientSampleId :

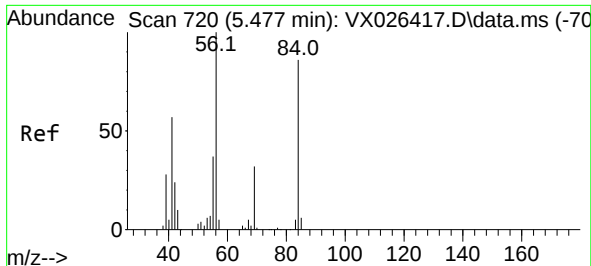
Tgt Ion: 43 Resp: 757
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



#27
cis-1,2-Dichloroethene
Concen: 42.638 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

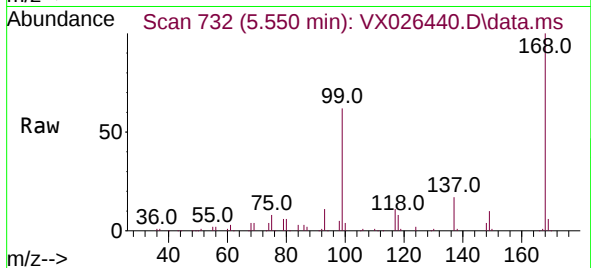
Tgt Ion: 96 Resp: 82842
Ion Ratio Lower Upper
96 100
61 131.6 0.0 296.6
98 64.4 0.0 128.8



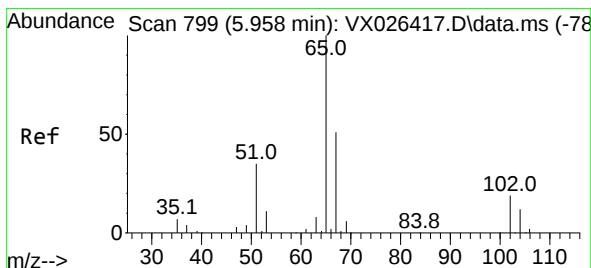
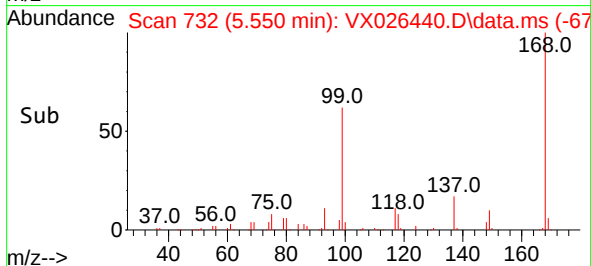
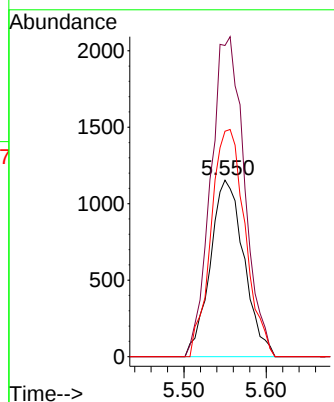


#31
Cyclohexane
Concen: 1.062 ug/l
RT: 5.550 min Scan# 712
Delta R.T. 0.073 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

Instrument :
MSVOA_X
ClientSampleId :

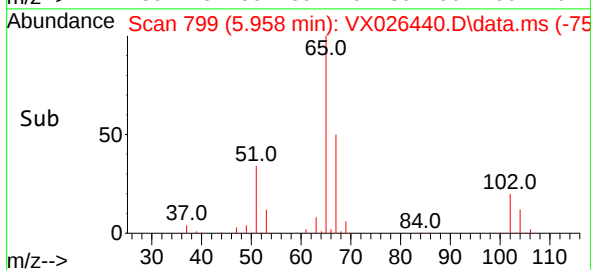
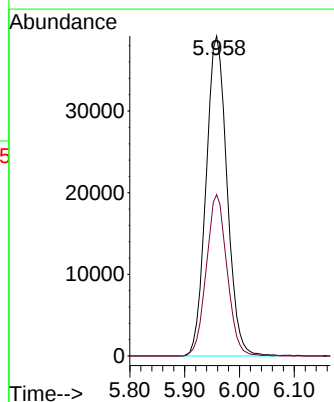
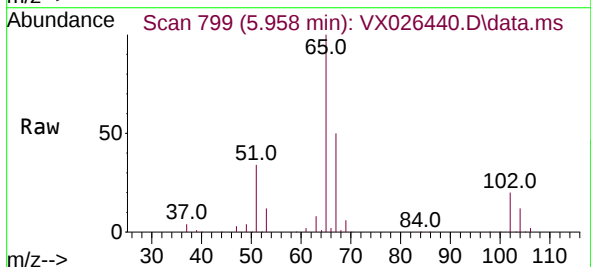


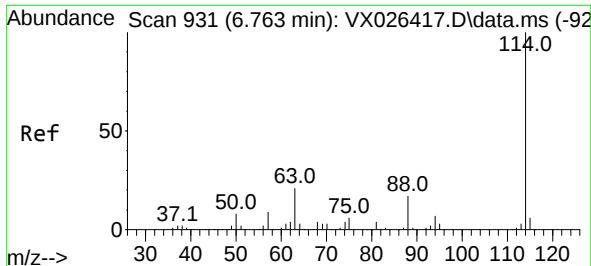
Tgt Ion: 56 Resp: 3294
Ion Ratio Lower Upper
56 100
69 176.3 25.8 38.6#
84 127.7 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 49.383 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

Tgt Ion: 65 Resp: 103873
Ion Ratio Lower Upper
65 100
67 49.9 0.0 100.8

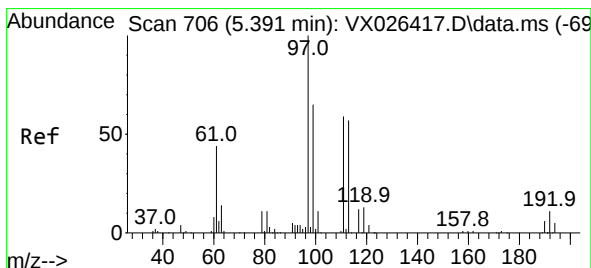
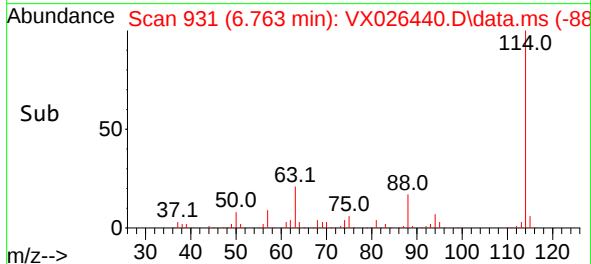
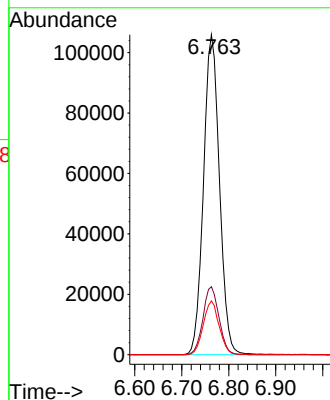
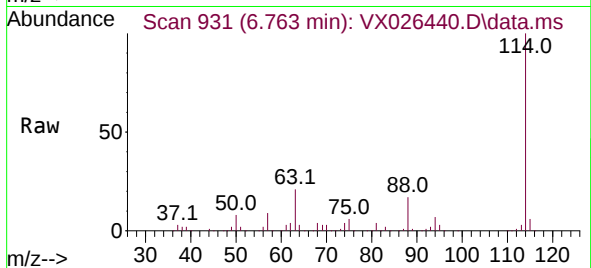




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

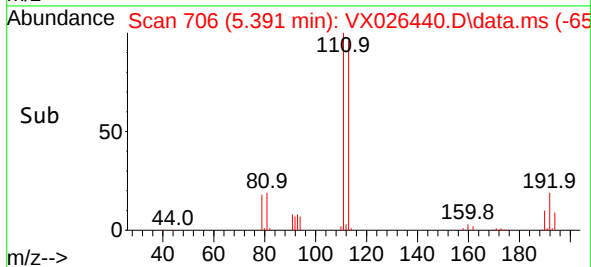
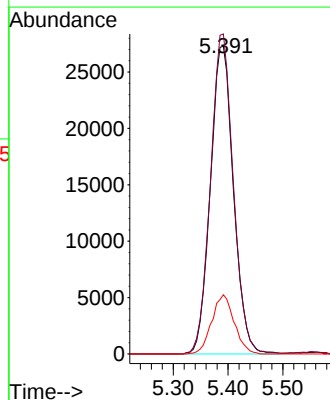
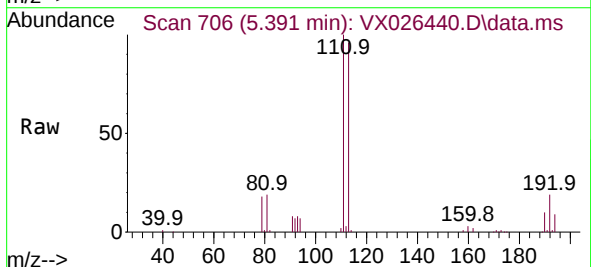
Instrument :
MSVOA_X
ClientSampleId :

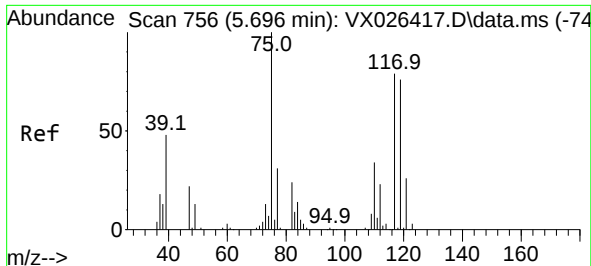
Tgt Ion:114 Resp: 250081
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.8
88 16.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.519 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

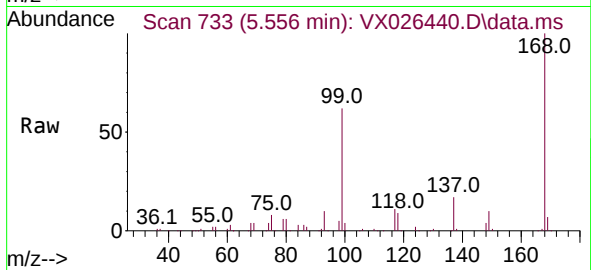
Tgt Ion:113 Resp: 79971
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 18.7 15.0 22.4



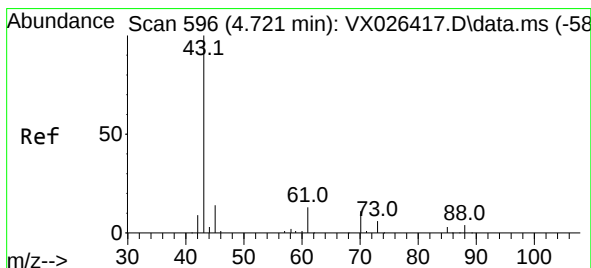
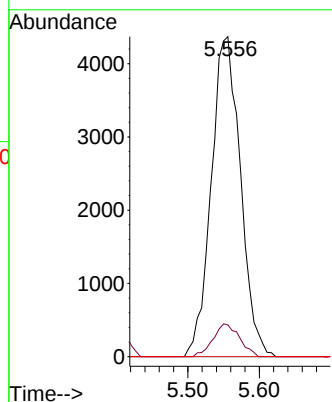
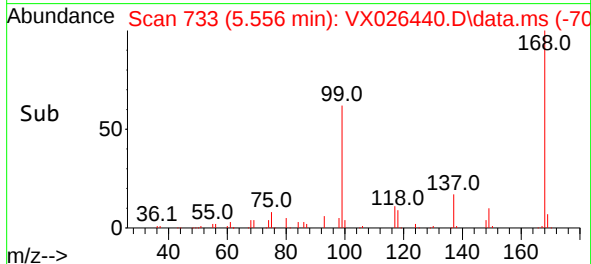


#36
1,1-Dichloropropene
Concen: 4.860 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

Instrument :
MSVOA_X
ClientSampleId :

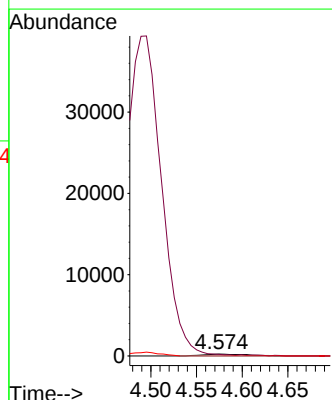
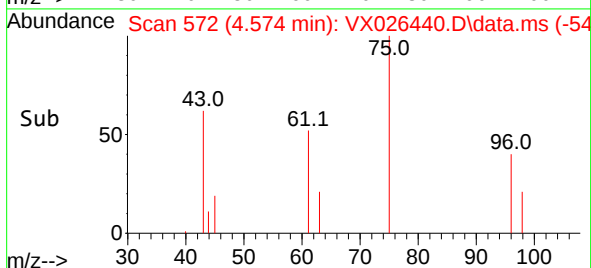
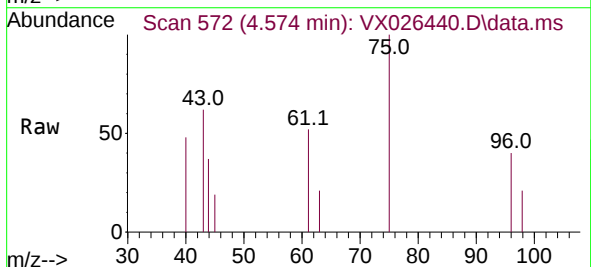


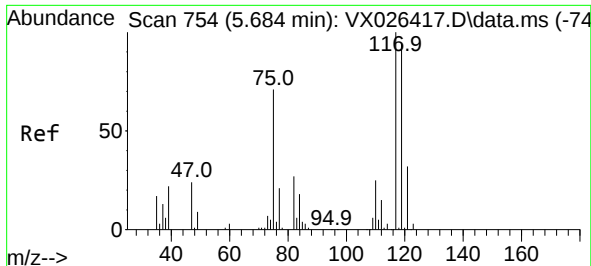
Tgt Ion: 75 Resp: 12389
Ion Ratio Lower Upper
75 100
110 9.3 17.2 51.6#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 0.294 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.146 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

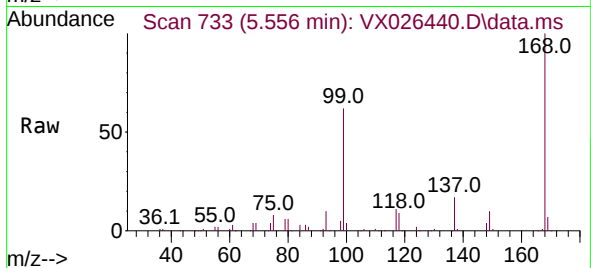
Tgt Ion: 43 Resp: 757
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.5 12.7#



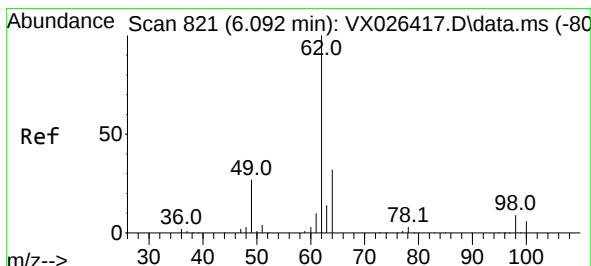
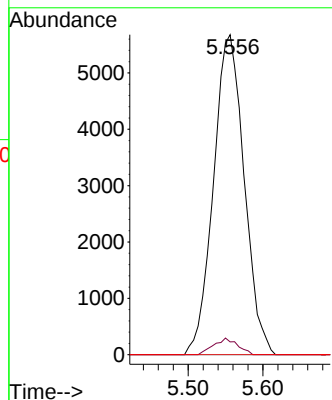
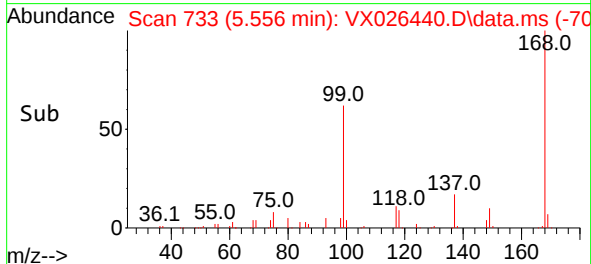


#38
Carbon Tetrachloride
Concen: 6.187 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

Instrument :
MSVOA_X
ClientSampleId :

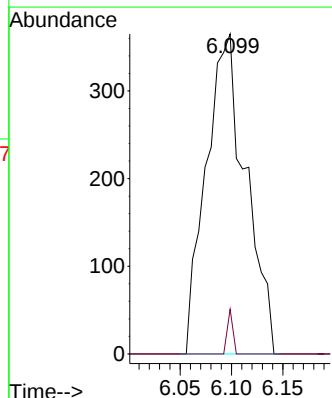
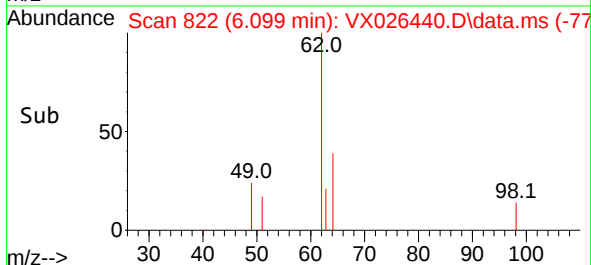
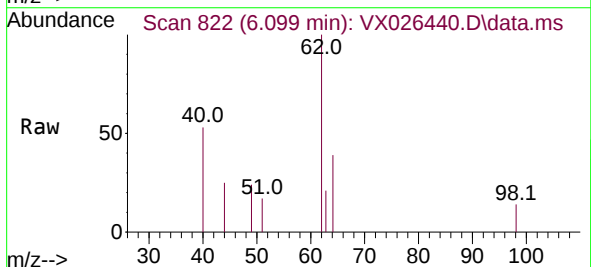


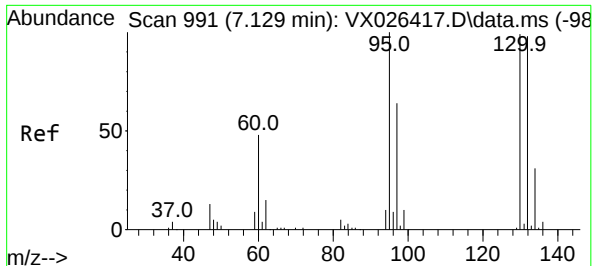
Tgt Ion:117 Resp: 16226
Ion Ratio Lower Upper
117 100
119 4.0 74.7 112.1#
121 0.0 25.4 38.0#



#42
1,2-Dichloroethane
Concen: 0.355 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

Tgt Ion: 62 Resp: 980
Ion Ratio Lower Upper
62 100
98 1.9 0.0 17.8

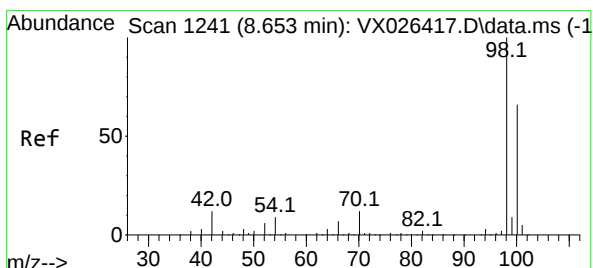
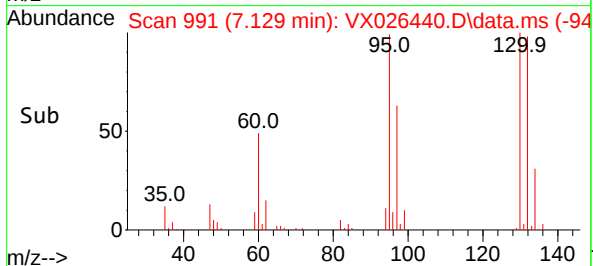
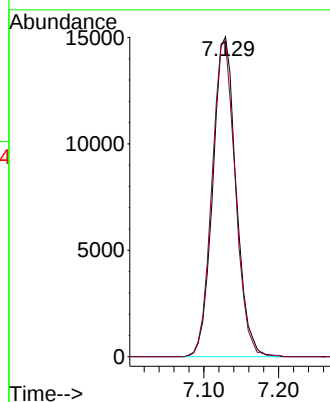
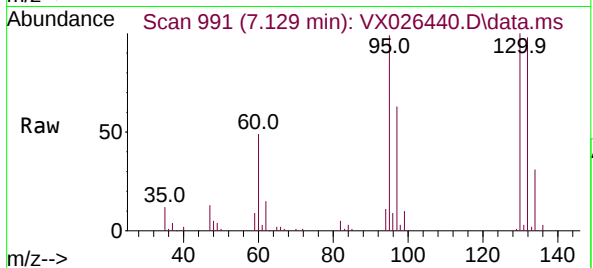




#44
Trichloroethene
Concen: 16.255 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

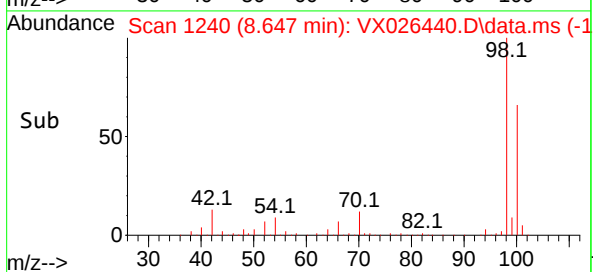
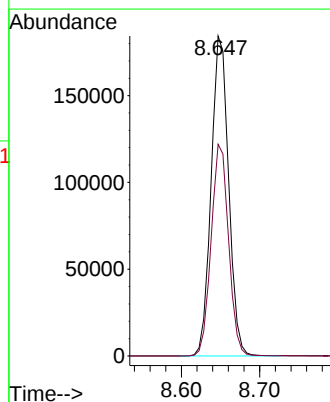
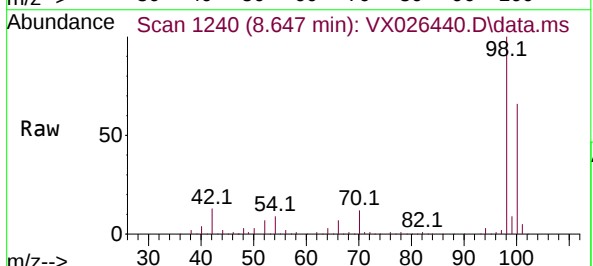
Instrument :
MSVOA_X
ClientSampleId :

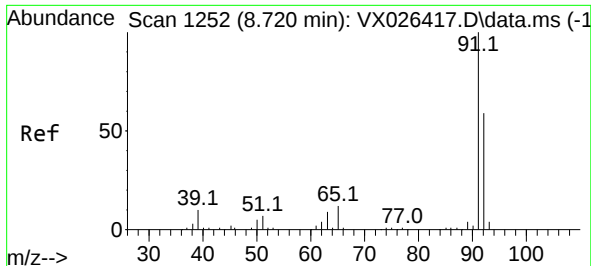
Tgt Ion:130 Resp: 32502
Ion Ratio Lower Upper
130 100
95 98.9 0.0 202.6



#50
Toluene-d8
Concen: 48.973 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

Tgt Ion: 98 Resp: 285002
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8

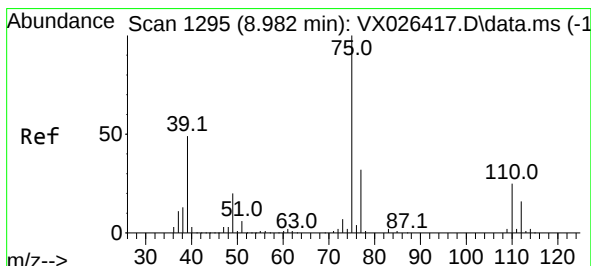
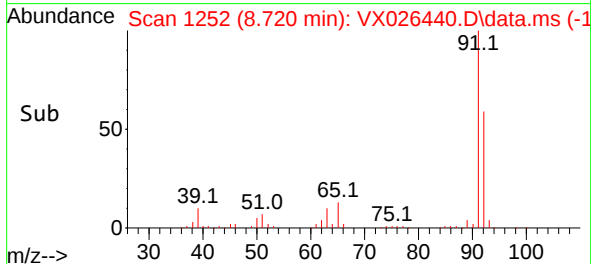
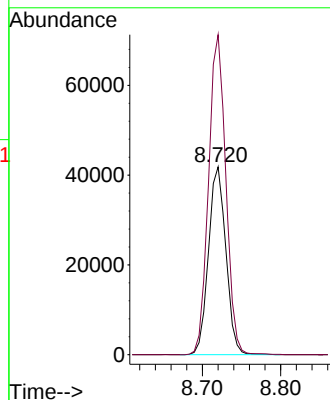
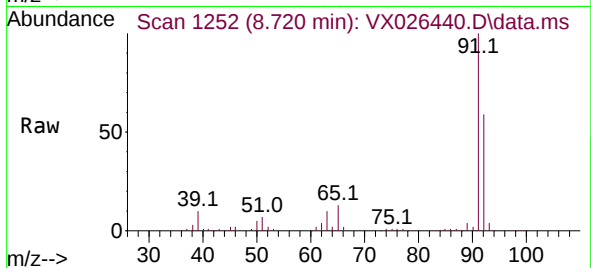




#52
Toluene
Concen: 14.901 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

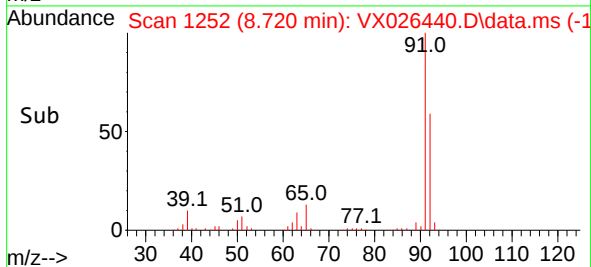
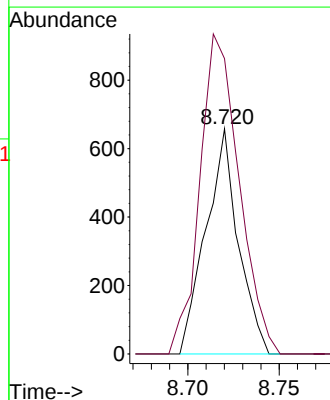
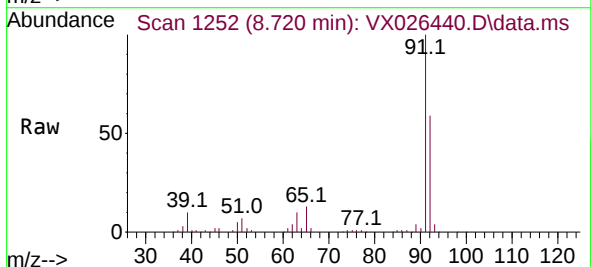
Instrument :
MSVOA_X
ClientSampleId :

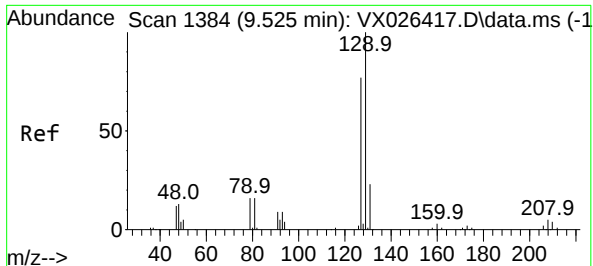
Tgt Ion: 92 Resp: 64392
Ion Ratio Lower Upper
92 100
91 169.6 135.7 203.5



#53
t-1,3-Dichloropropene
Concen: 2.171 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.262 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

Tgt Ion: 75 Resp: 813
Ion Ratio Lower Upper
75 100
77 131.2 25.7 38.5#





#60

Dibromochloromethane

Concen: 0.220 ug/l

RT: 9.275 min Scan# 11

Delta R.T. -0.250 min

Lab File: VX026440.D

Acq: 12 Jan 2022 17:46

Instrument :

MSVOA_X

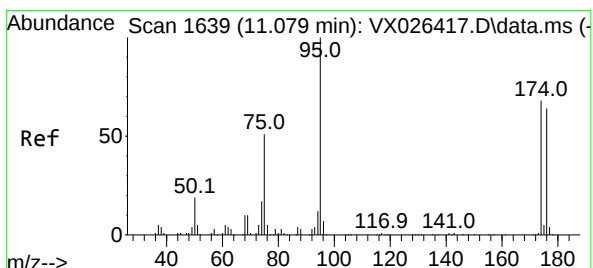
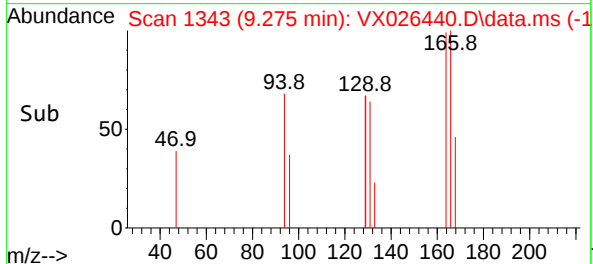
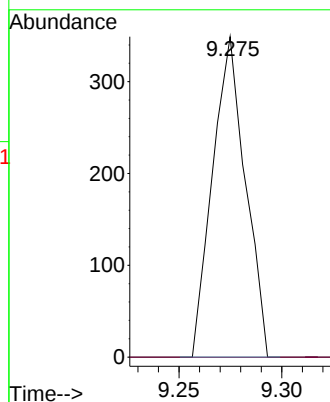
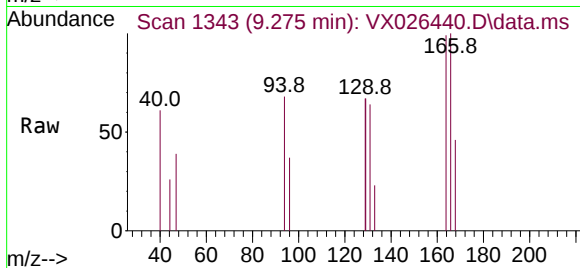
ClientSampleId :

Tgt Ion:129 Resp: 387

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#



#62

4-Bromofluorobenzene

Concen: 49.797 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026440.D

Acq: 12 Jan 2022 17:46

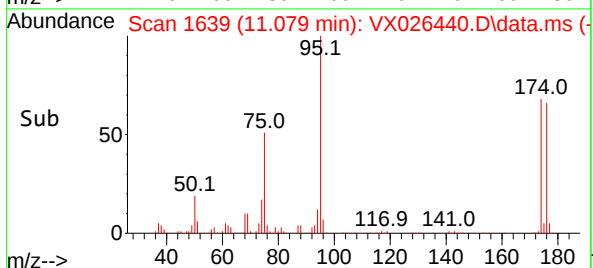
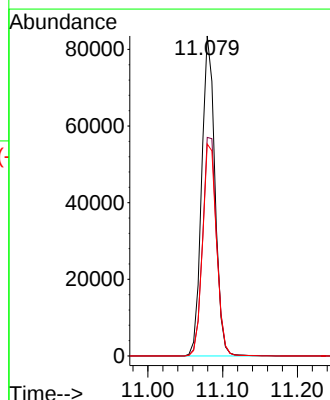
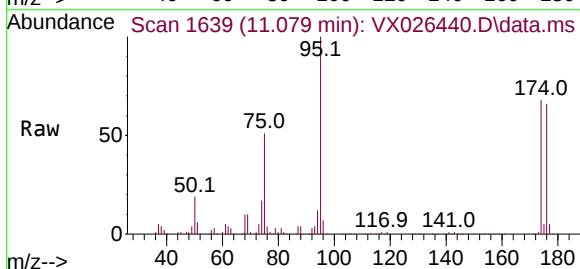
Tgt Ion: 95 Resp: 102946

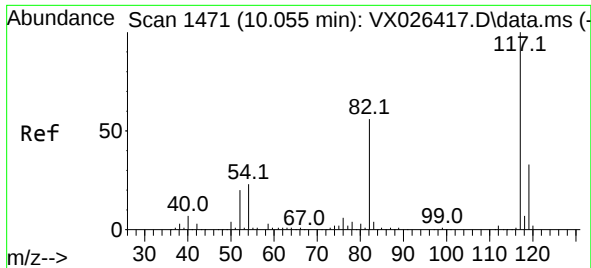
Ion Ratio Lower Upper

95 100

174 71.8 0.0 148.6

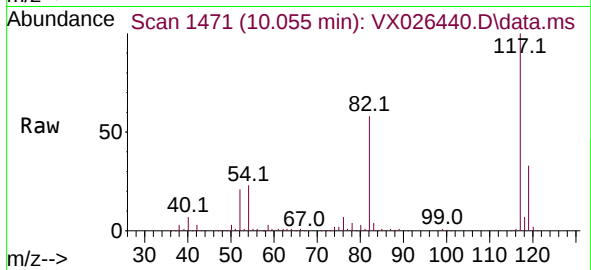
176 69.5 0.0 141.4



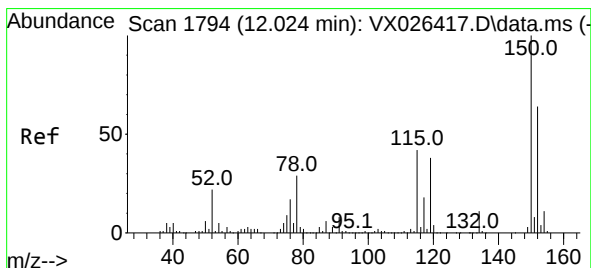
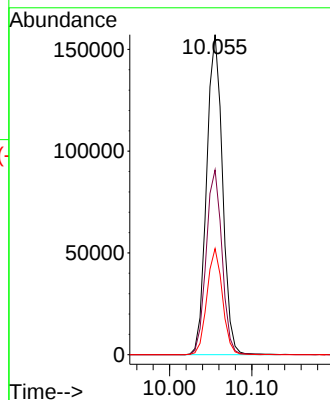
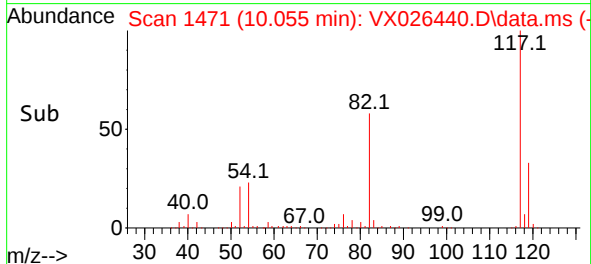


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

Instrument :
MSVOA_X
ClientSampleId :

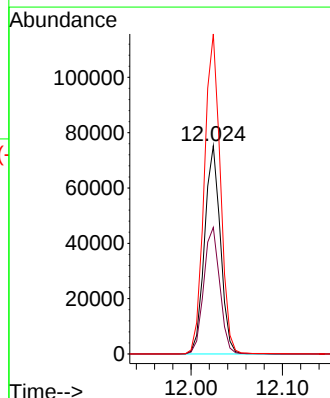
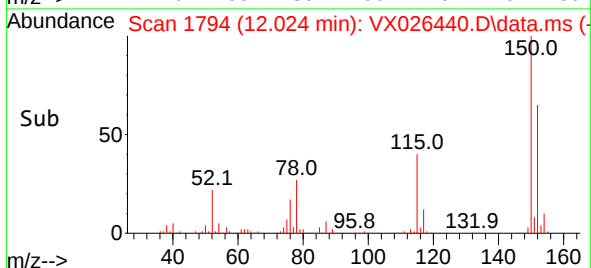
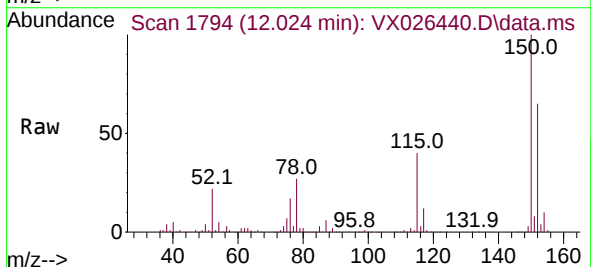


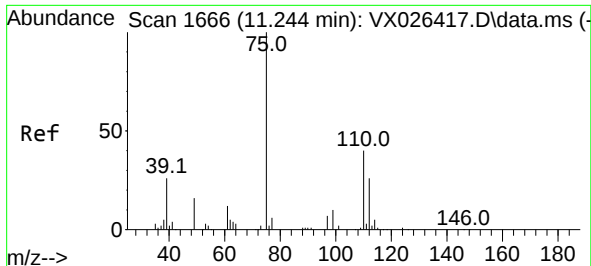
Tgt Ion:117 Resp: 210716
Ion Ratio Lower Upper
117 100
82 57.7 45.2 67.8
119 33.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

Tgt Ion:152 Resp: 90217
Ion Ratio Lower Upper
152 100
115 61.9 44.2 132.6
150 156.4 0.0 348.2

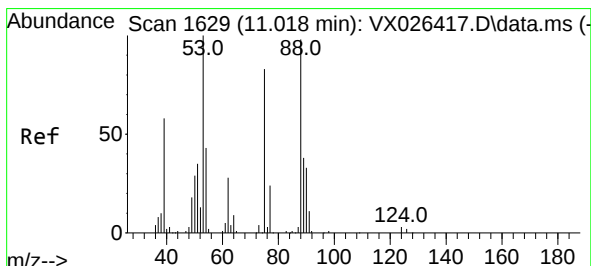
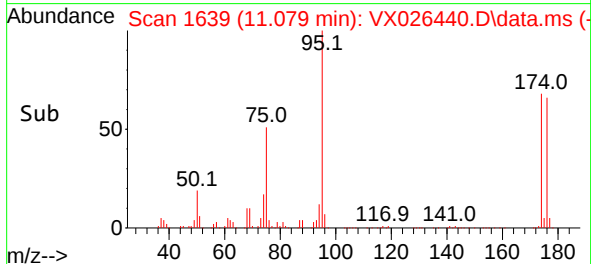
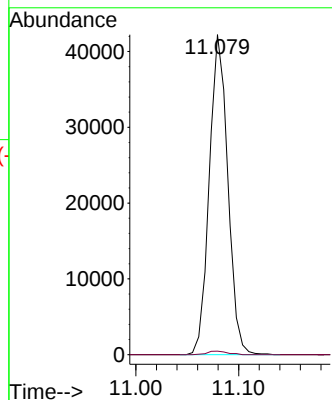
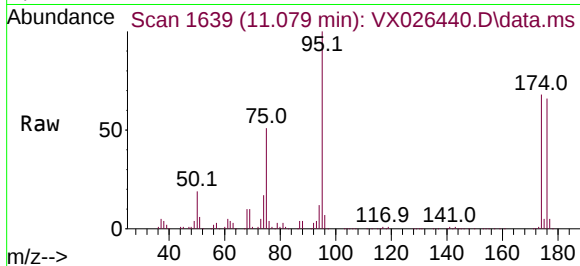




#76
1,2,3-Trichloropropane
Concen: 26.565 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 52769
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.437 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026440.D
Acq: 12 Jan 2022 17:46

Tgt Ion: 75 Resp: 52769
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

