

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032622\
 Data File : VX027719.D
 Acq On : 26 Mar 2022 11:55
 Operator : JC/MD
 Sample : VX0326WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBL01

Quant Time: Mar 28 05:12:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

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

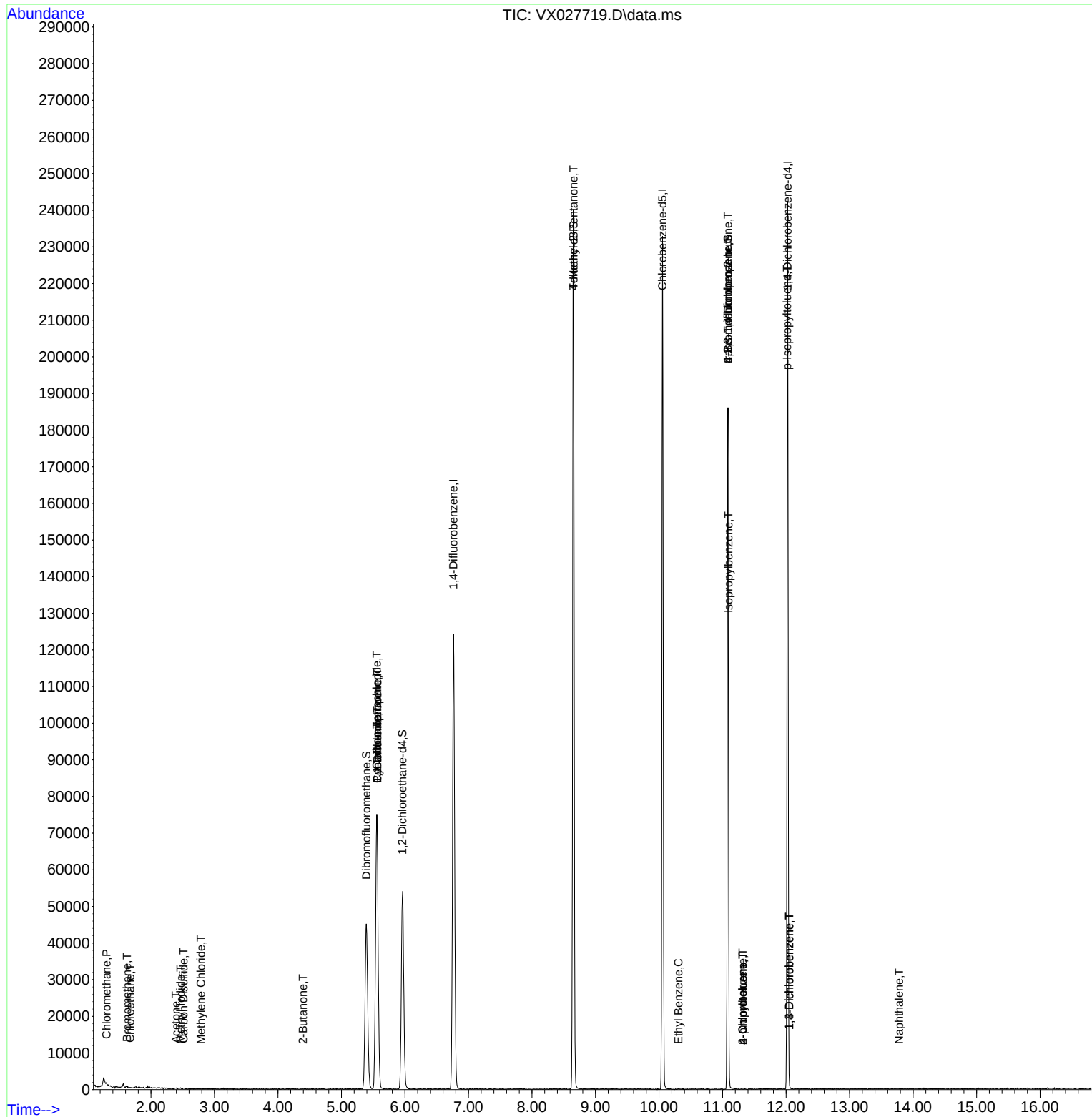
Internal Standards						
1) Pentafluorobenzene	5.562	168	62827	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	113005	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54302	52.697	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.400%			
35) Dibromofluoromethane	5.391	113	38668	52.107	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.220%			
50) Toluene-d8	8.653	98	141250	49.239	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.480%			
62) 4-Bromofluorobenzene	11.085	95	51622	44.348	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.700%			
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	46	0.061	ug/l #	42
5) Bromomethane	1.623	94	121	0.416	ug/l #	52
6) Chloroethane	1.672	64	88	0.189	ug/l #	43
10) Methyl Iodide	2.465	142	187	3.102	ug/l #	75
16) Acetone	2.391	43	348	0.799	ug/l #	39
17) Carbon Disulfide	2.513	76	164	0.092	ug/l #	75
20) Methylene Chloride	2.788	84	76	0.098	ug/l #	55
25) 2-Butanone	4.391	43	220	0.314	ug/l #	44
29) Tetrahydrofuran	5.043	42	19	Below Cal	#	25
31) Cyclohexane	5.562	56	1693	1.355	ug/l #	36
36) 1,1-Dichloropropene	5.562	75	6296	5.371	ug/l #	48
38) Carbon Tetrachloride	5.556	117	7099	6.198	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	748	0.529	ug/l #	1
64) Tetrachloroethene	9.274	164	22	Below Cal	#	1
67) Ethyl Benzene	10.305	91	146	0.037	ug/l #	44
73) Isopropylbenzene	11.091	105	71	0.022	ug/l #	48
76) 1,2,3-Trichloropropane	11.085	75	26969	24.105	ug/l #	38
78) n-propylbenzene	11.317	91	97	0.025	ug/l #	52
79) 2-Chlorotoluene	11.317	91	97	0.039	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.085	75	26969	82.050	ug/l #	15
82) 4-Chlorotoluene	11.317	91	97	0.034	ug/l #	45
86) p-Isopropyltoluene	12.018	119	40	0.015	ug/l #	1
87) 1,3-Dichlorobenzene	12.048	146	97	0.071	ug/l #	25
88) 1,4-Dichlorobenzene	12.048	146	97	0.069	ug/l #	25
95) Naphthalene	13.780	128	54	0.019	ug/l #	69

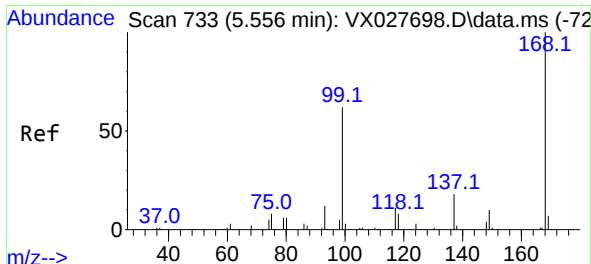
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032622\
Data File : VX027719.D
Acq On : 26 Mar 2022 11:55
Operator : JC/MD
Sample : VX0326WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBL01

Quant Time: Mar 28 05:12:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 25 16:26:59 2022
Response via : Initial Calibration

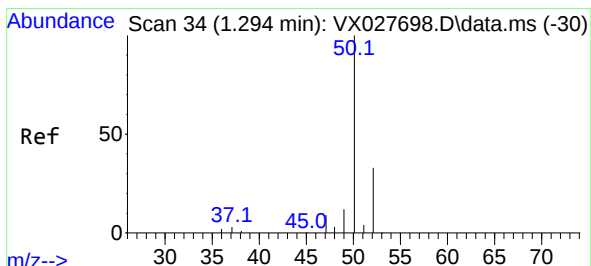
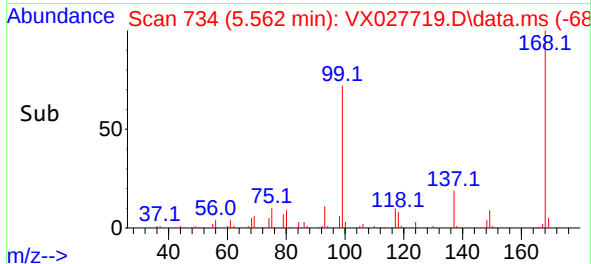
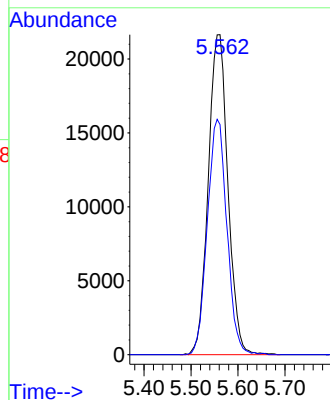
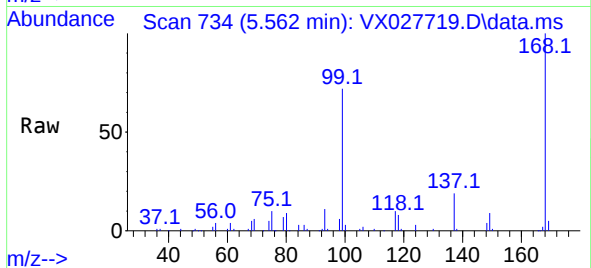




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

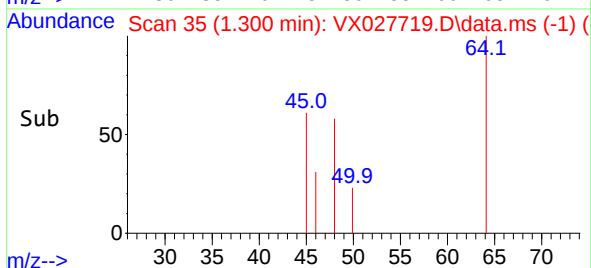
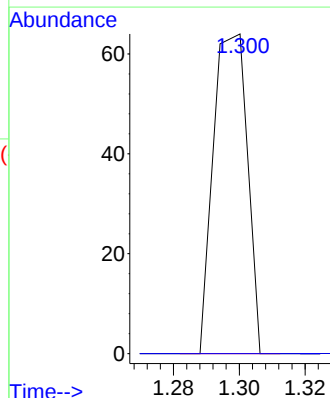
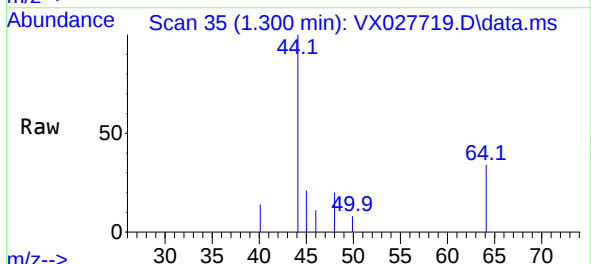
Instrument :
MSVOA_X
ClientSampleId :
VX0326WBL01

Tgt Ion:168 Resp: 62827
Ion Ratio Lower Upper
168 100
99 71.9 41.7 62.5#

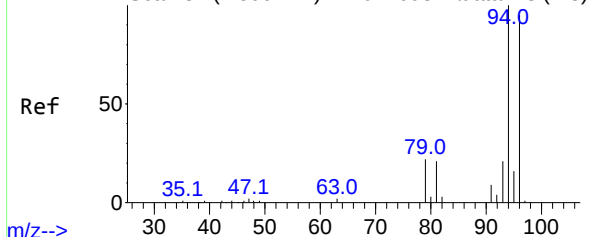


#3
Chloromethane
Concen: 0.061 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

Tgt Ion: 50 Resp: 46
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#



Abundance Scan 84 (1.599 min): VX027698.D\data.ms (-78)



#5

Bromomethane

Concen: 0.416 ug/l

RT: 1.623 min Scan# 84

Delta R.T. 0.024 min

Lab File: VX027719.D

Acq: 26 Mar 2022 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBL01

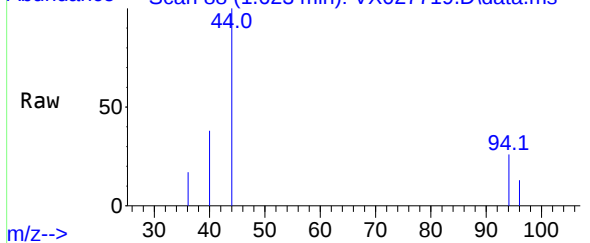
Tgt Ion: 94 Resp: 121

Ion Ratio Lower Upper

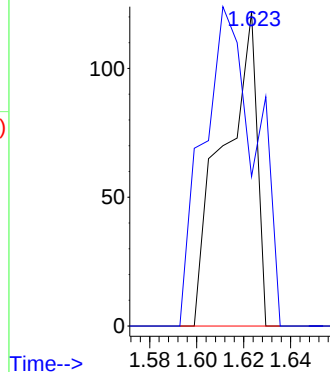
94 100

96 47.5 75.3 112.9#

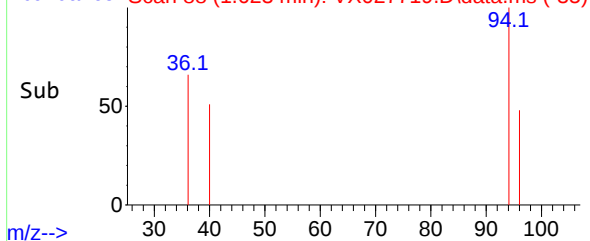
Abundance Scan 88 (1.623 min): VX027719.D\data.ms



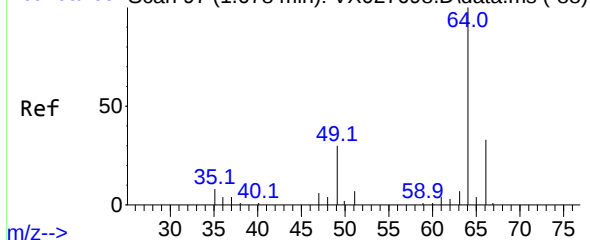
Abundance



Abundance Scan 88 (1.623 min): VX027719.D\data.ms (-35)



Abundance Scan 97 (1.678 min): VX027698.D\data.ms (-88)



#6

Chloroethane

Concen: 0.189 ug/l

RT: 1.672 min Scan# 96

Delta R.T. -0.006 min

Lab File: VX027719.D

Acq: 26 Mar 2022 11:55

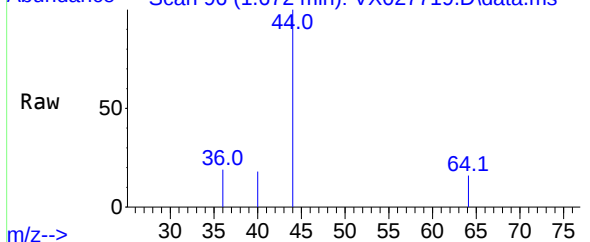
Tgt Ion: 64 Resp: 88

Ion Ratio Lower Upper

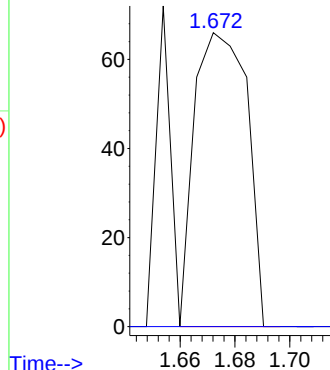
64 100

66 0.0 25.3 37.9#

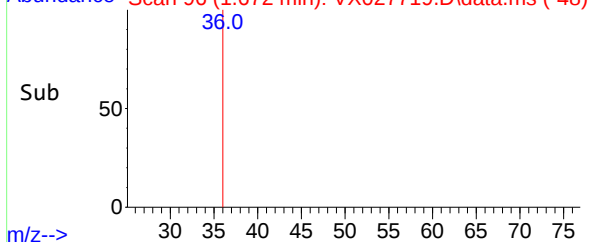
Abundance Scan 96 (1.672 min): VX027719.D\data.ms

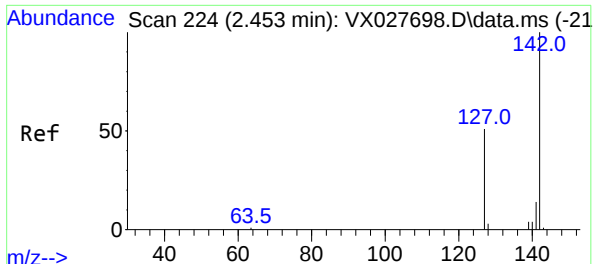


Abundance



Abundance Scan 96 (1.672 min): VX027719.D\data.ms (-48)

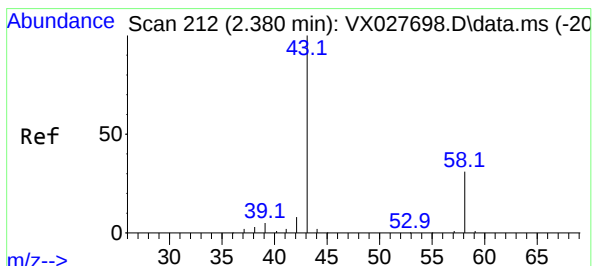
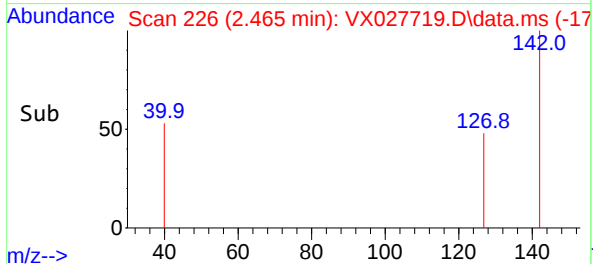
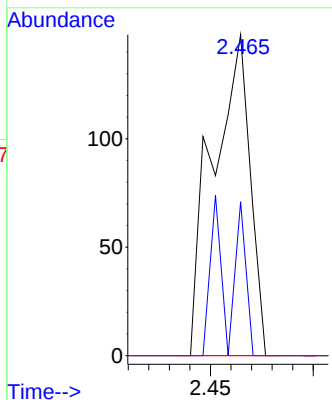
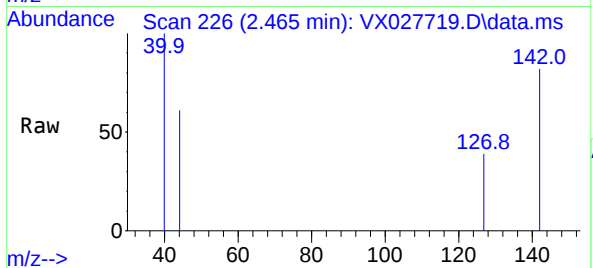




#10
Methyl Iodide
Concen: 3.102 ug/l
RT: 2.465 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

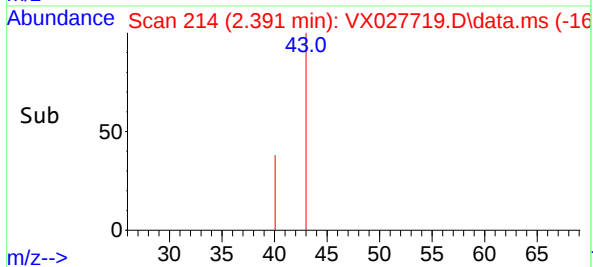
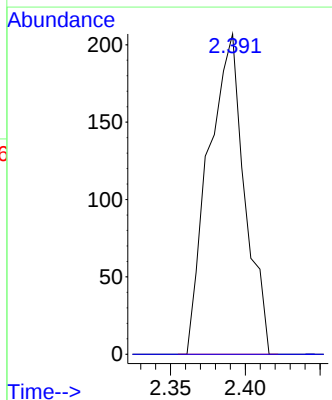
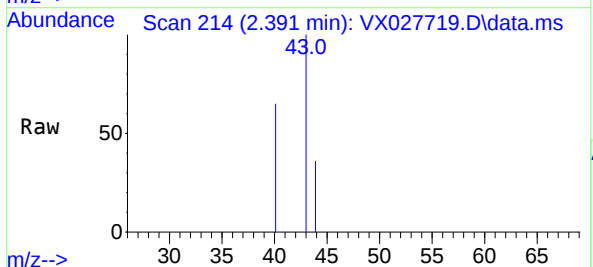
Instrument :
MSVOA_X
ClientSampleId :
VX0326WBL01

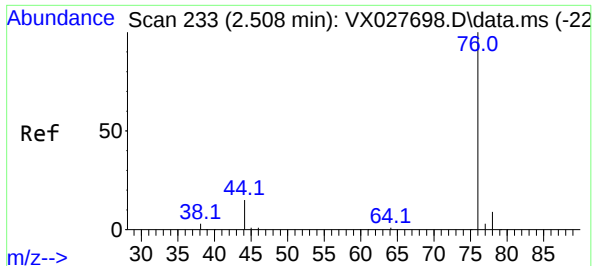
Tgt Ion:142 Resp: 187
Ion Ratio Lower Upper
142 100
127 28.3 33.9 50.9#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 0.799 ug/l
RT: 2.391 min Scan# 214
Delta R.T. 0.011 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

Tgt Ion: 43 Resp: 348
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#

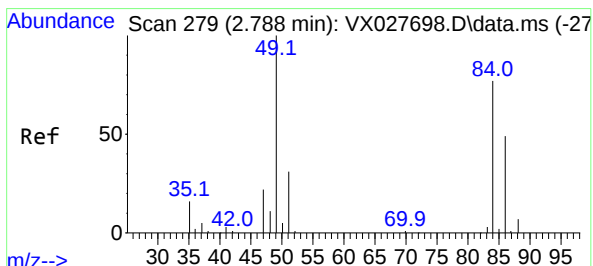
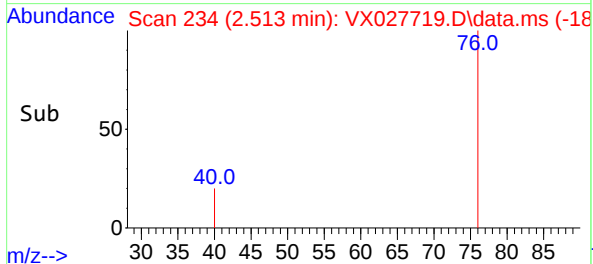
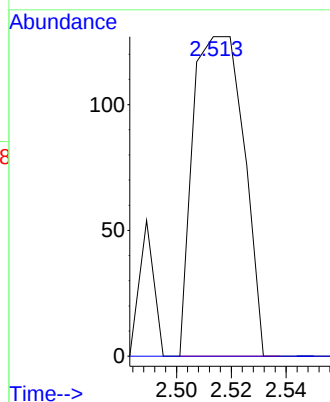
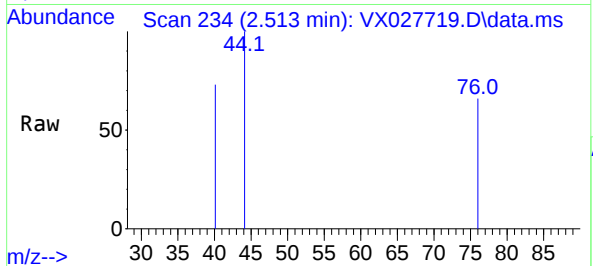




#17
Carbon Disulfide
Concen: 0.092 ug/l
RT: 2.513 min Scan# 21
Delta R.T. 0.005 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

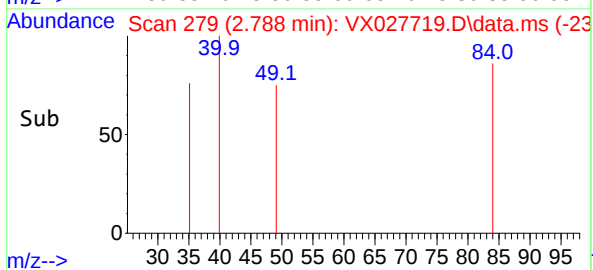
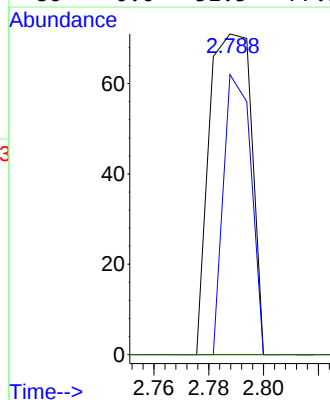
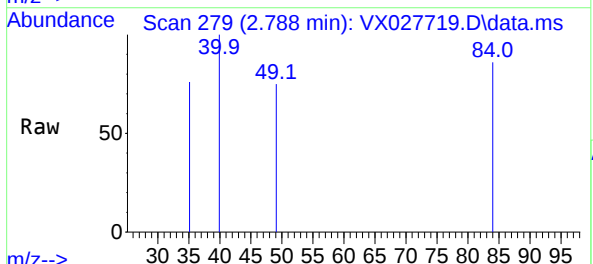
Instrument :
MSVOA_X
ClientSampleId :
VX0326WBL01

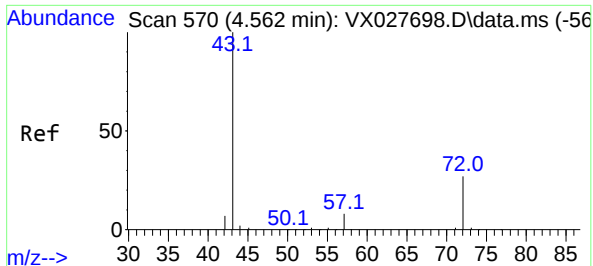
Tgt Ion: 76 Resp: 164
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.098 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

Tgt Ion: 84 Resp: 76
Ion Ratio Lower Upper
84 100
49 87.3 85.5 128.3
51 0.0 26.6 39.8#
86 0.0 51.5 77.3#





#25

2-Butanone

Concen: 0.314 ug/l

RT: 4.391 min Scan# 54

Delta R.T. -0.171 min

Lab File: VX027719.D

Acq: 26 Mar 2022 11:55

Instrument :

MSVOA_X

ClientSampleId :

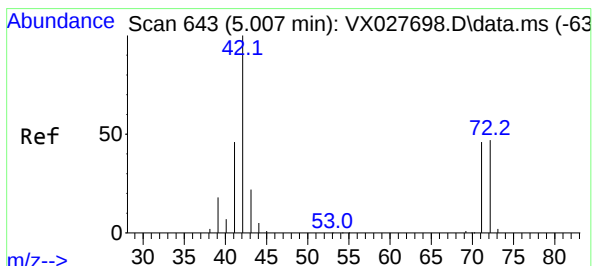
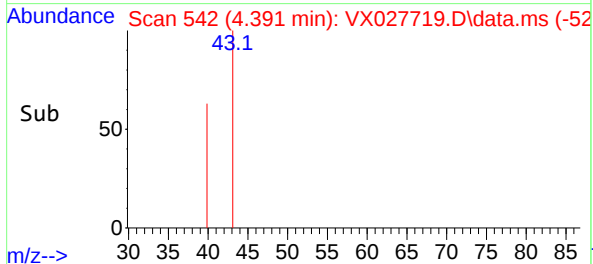
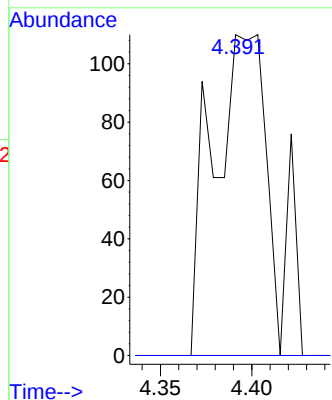
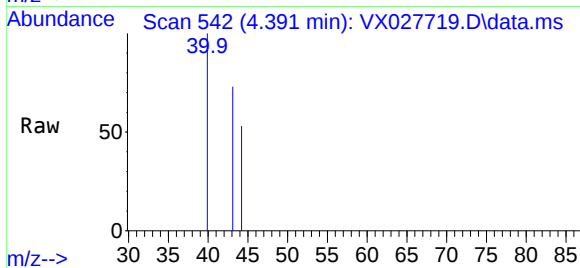
VX0326WBL01

Tgt Ion: 43 Resp: 220

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#



#29

Tetrahydrofuran

Concen: Below Cal

RT: 5.043 min Scan# 649

Delta R.T. 0.036 min

Lab File: VX027719.D

Acq: 26 Mar 2022 11:55

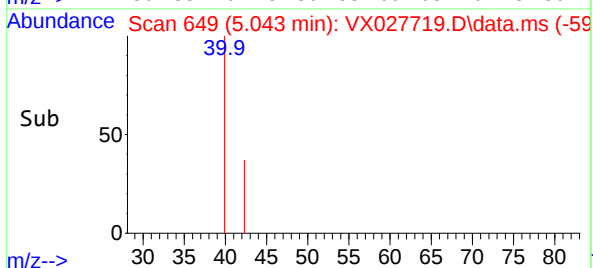
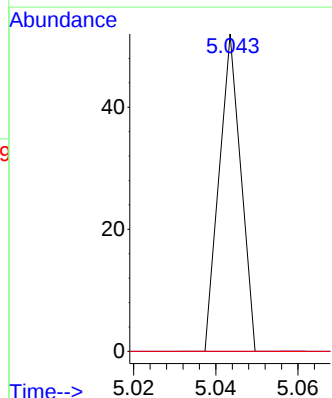
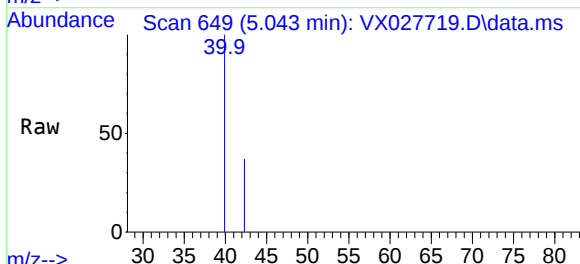
Tgt Ion: 42 Resp: 19

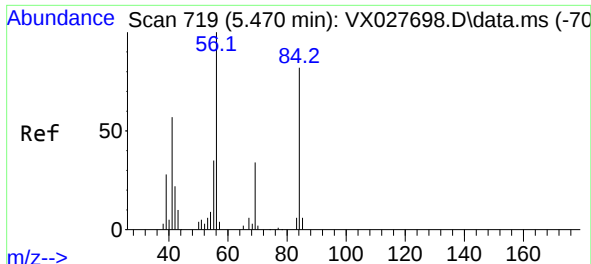
Ion Ratio Lower Upper

42 100

72 0.0 44.1 66.1#

71 0.0 40.5 60.7#

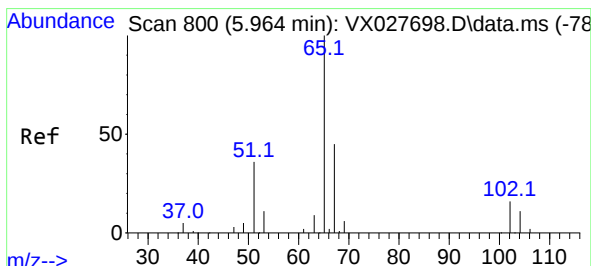
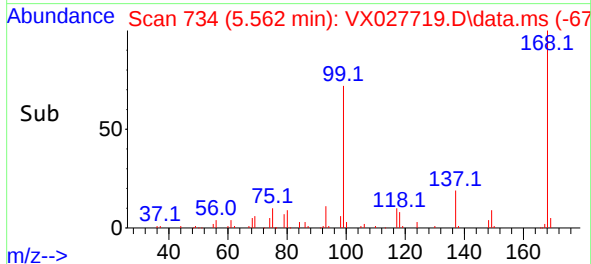
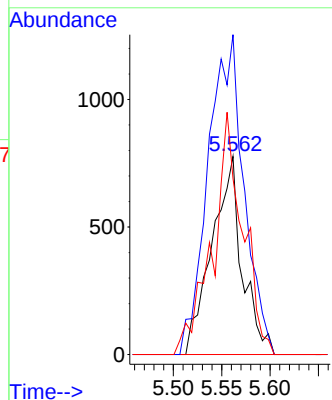
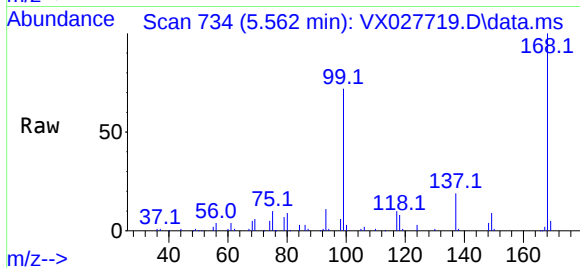




#31
Cyclohexane
Concen: 1.355 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

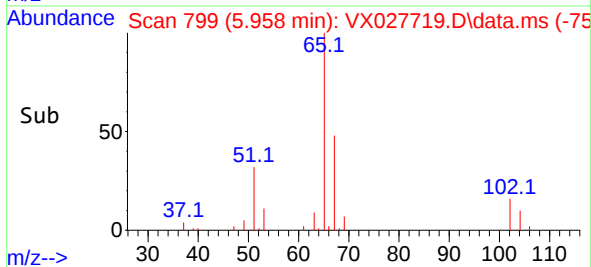
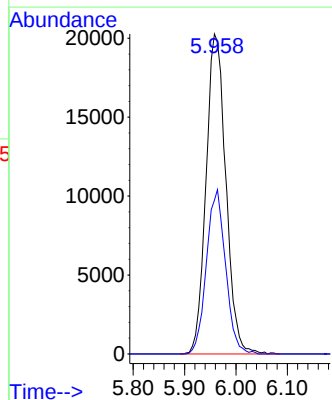
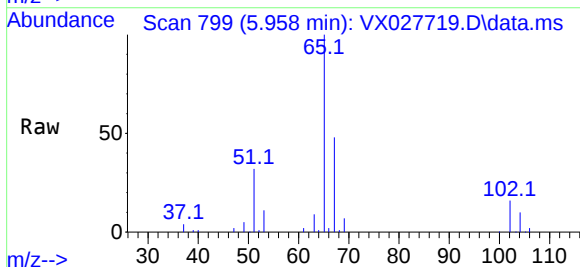
Instrument :
MSVOA_X
ClientSampleId :
VX0326WBL01

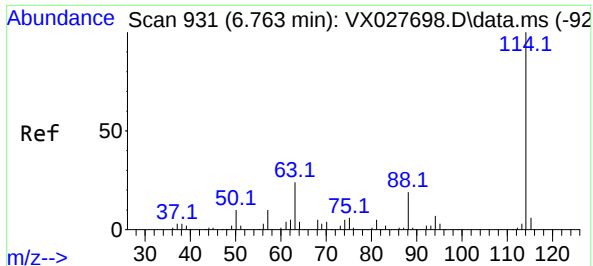
Tgt Ion: 56 Resp: 1693
Ion Ratio Lower Upper
56 100
69 161.4 26.7 40.1#
84 88.8 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 52.697 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

Tgt Ion: 65 Resp: 54302
Ion Ratio Lower Upper
65 100
67 49.6 0.0 107.4

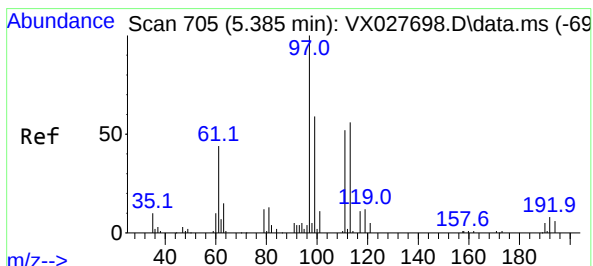
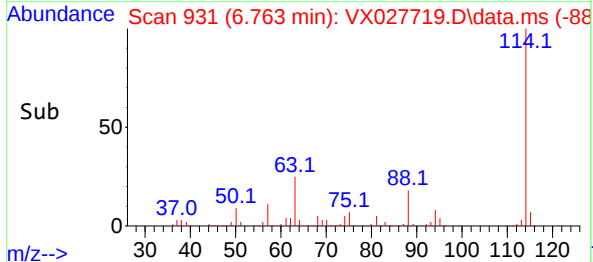
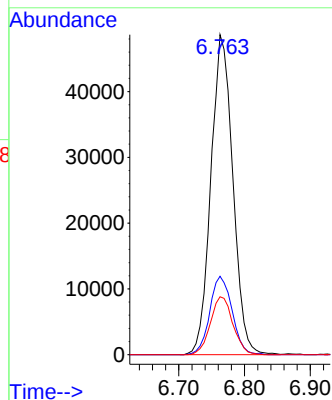
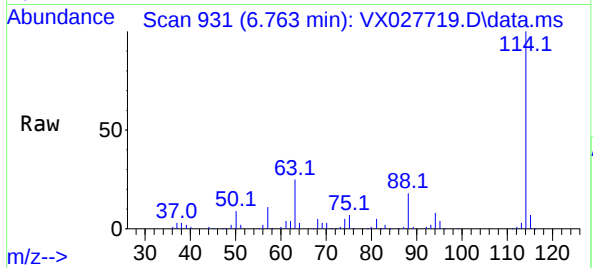




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

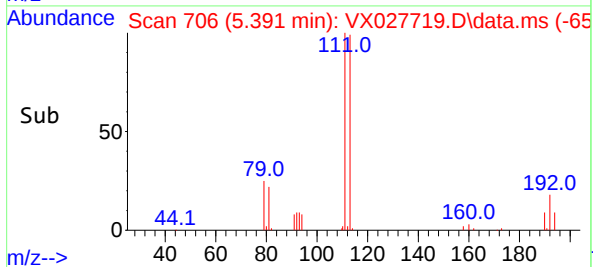
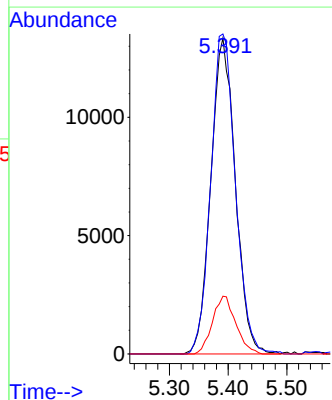
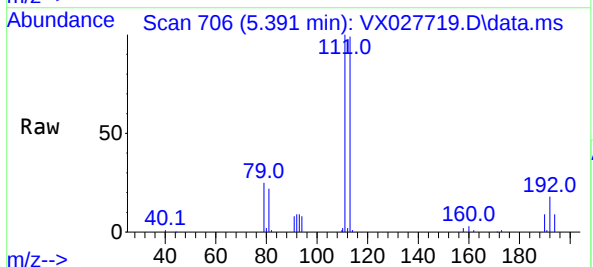
Instrument :
MSVOA_X
ClientSampleId :
VX0326WBL01

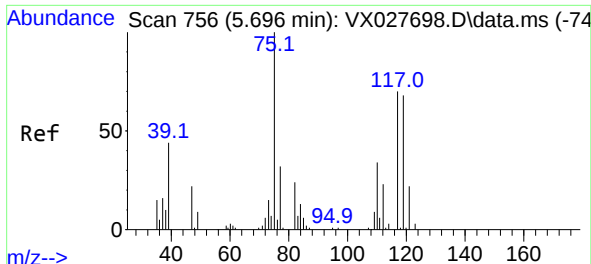
Tgt Ion:114 Resp: 113005
Ion Ratio Lower Upper
114 100
63 24.5 0.0 36.8
88 18.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.107 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

Tgt Ion:113 Resp: 38668
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 17.4 16.9 25.3

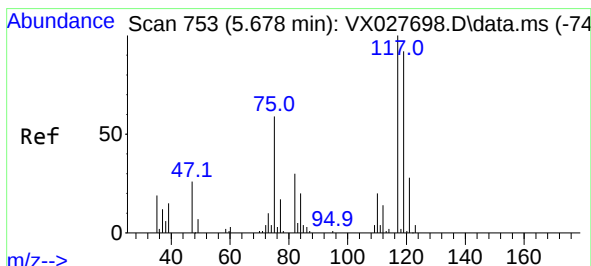
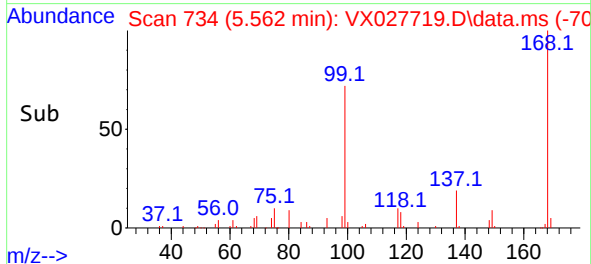
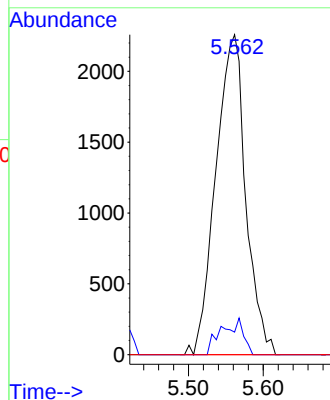
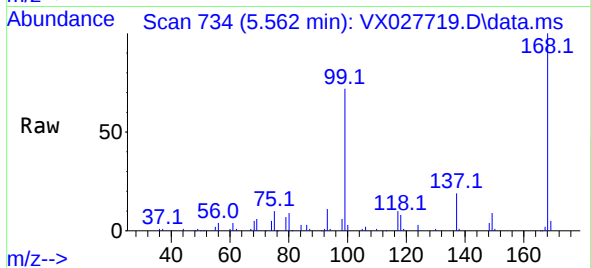




#36
1,1-Dichloropropene
Concen: 5.371 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

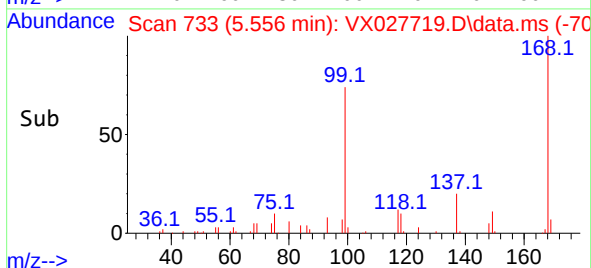
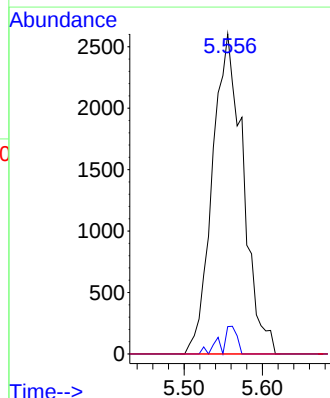
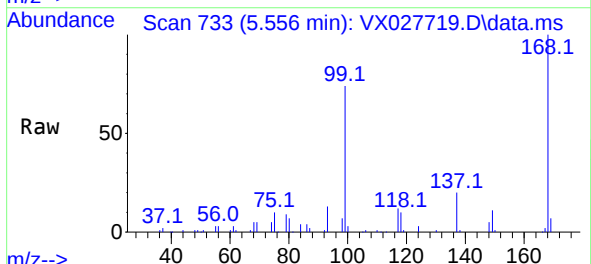
Instrument :
MSVOA_X
ClientSampleId :
VX0326WBL01

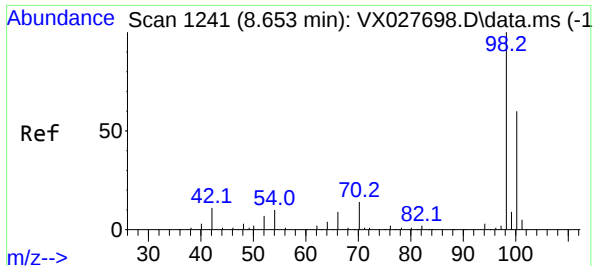
Tgt Ion: 75 Resp: 6296
Ion Ratio Lower Upper
75 100
110 8.3 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.198 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

Tgt Ion: 117 Resp: 7099
Ion Ratio Lower Upper
117 100
119 8.6 77.3 115.9#
121 0.0 24.2 36.2#

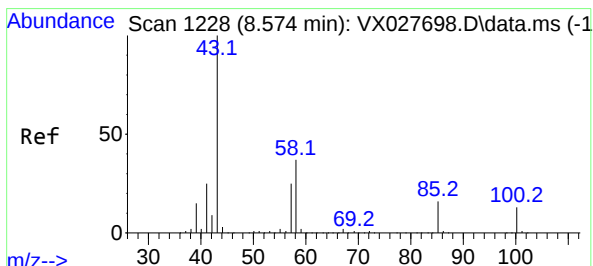
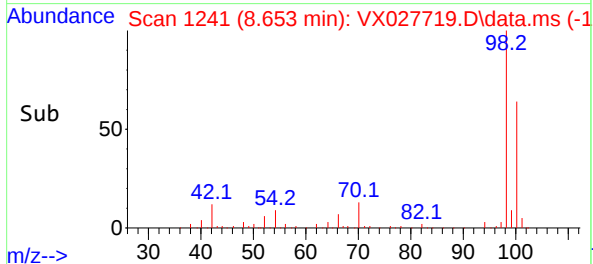
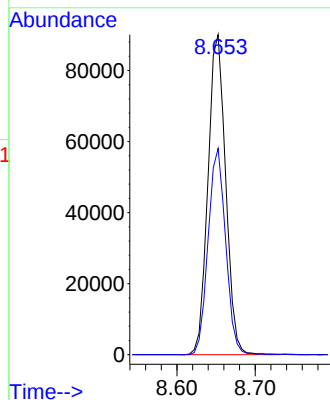
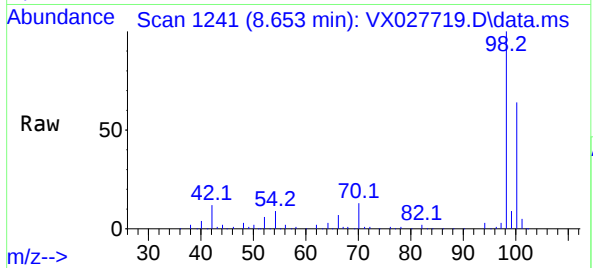




#50
Toluene-d8
Concen: 49.239 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

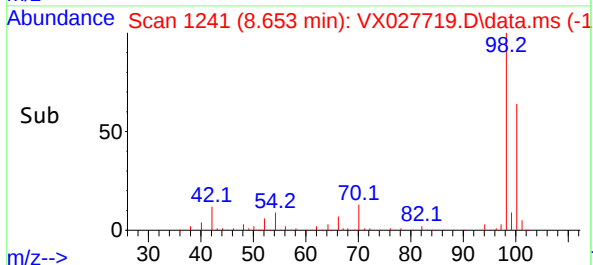
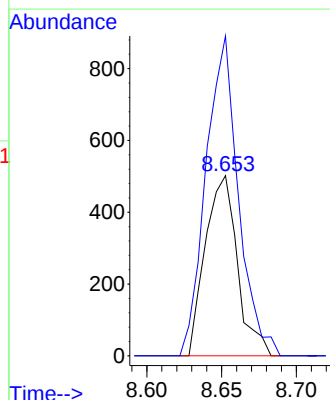
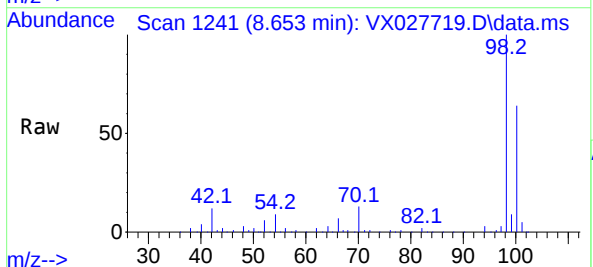
Instrument :
MSVOA_X
ClientSampleId :
VX0326WBL01

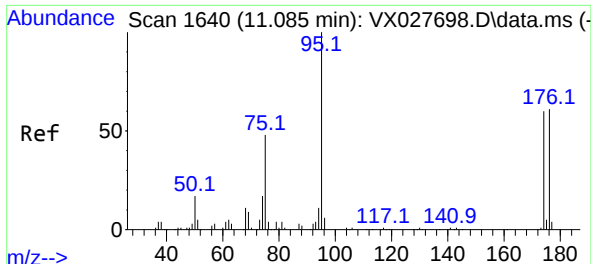
Tgt Ion: 98 Resp: 141250
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.529 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

Tgt Ion: 43 Resp: 748
Ion Ratio Lower Upper
43 100
58 179.8 36.1 54.1#

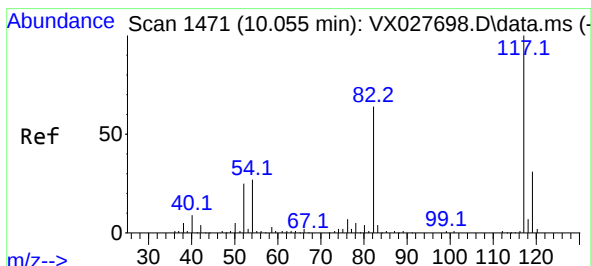
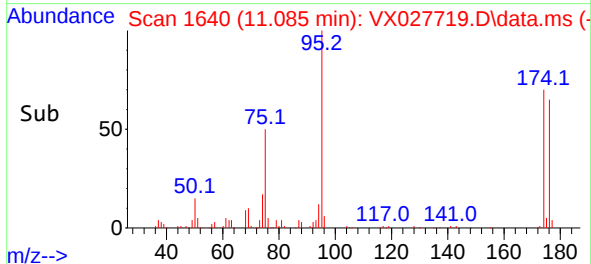
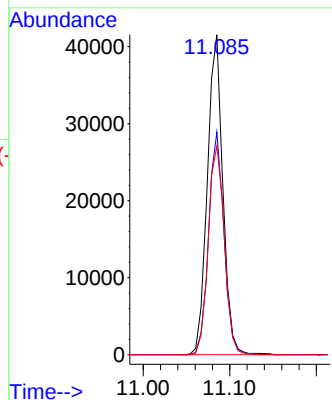
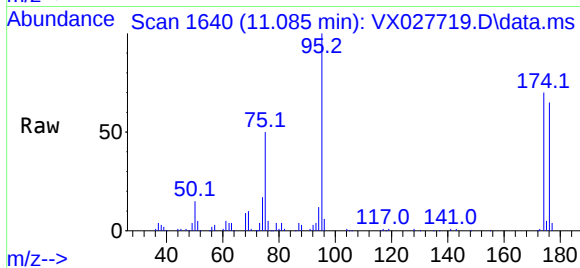




#62
4-Bromofluorobenzene
Concen: 44.348 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

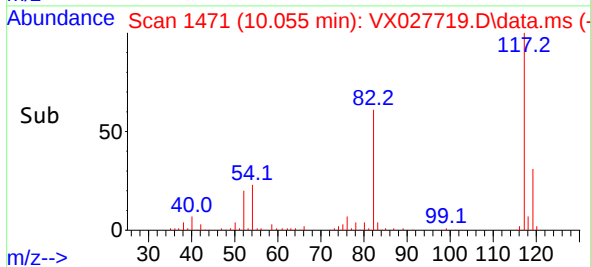
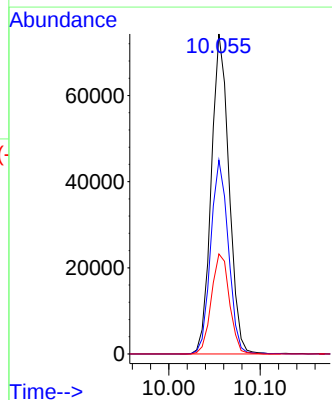
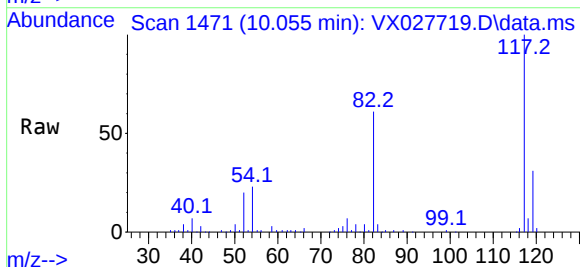
Instrument :
MSVOA_X
ClientSampleId :
VX0326WBL01

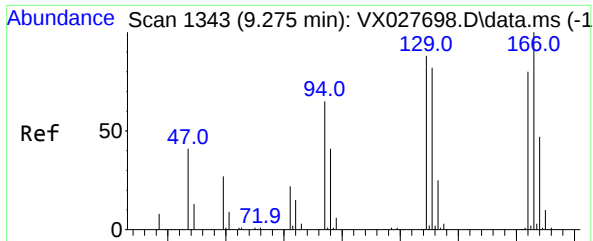
Tgt Ion: 95 Resp: 51622
Ion Ratio Lower Upper
95 100
174 68.9 0.0 163.0
176 67.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

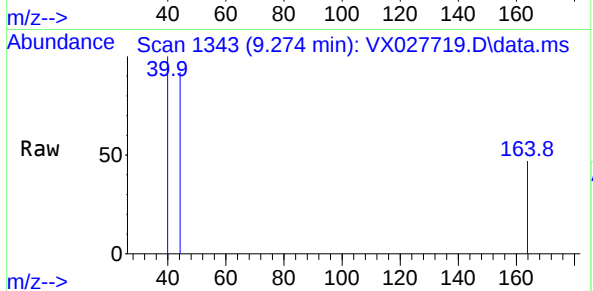
Tgt Ion: 117 Resp: 99664
Ion Ratio Lower Upper
117 100
82 60.5 41.8 62.8
119 31.3 24.8 37.2



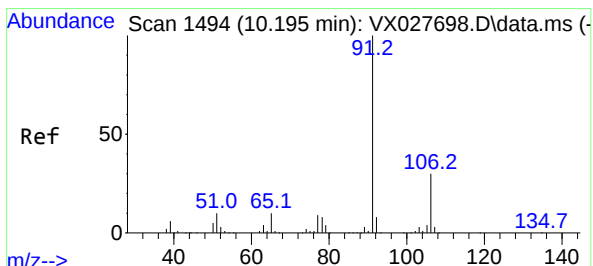
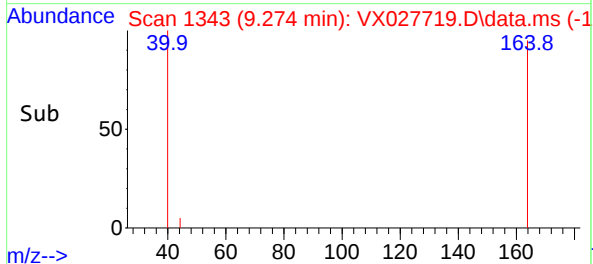
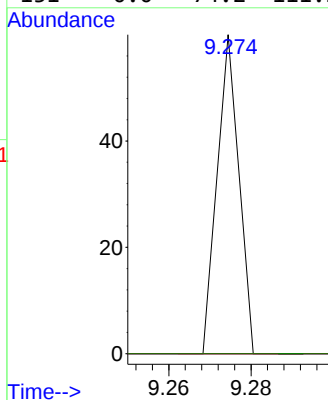


#64
Tetrachloroethene
Concen: Below Cal
RT: 9.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBL01

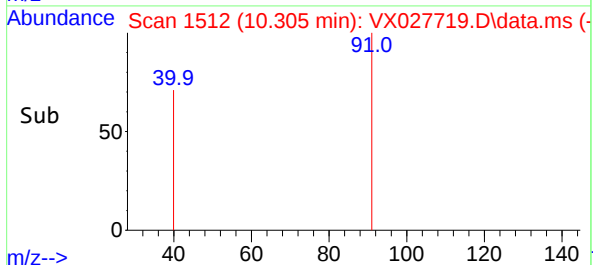
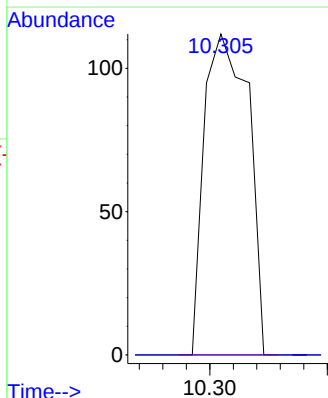
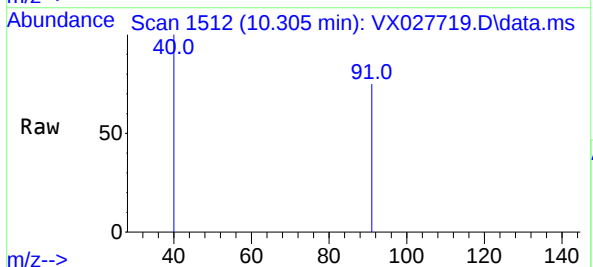


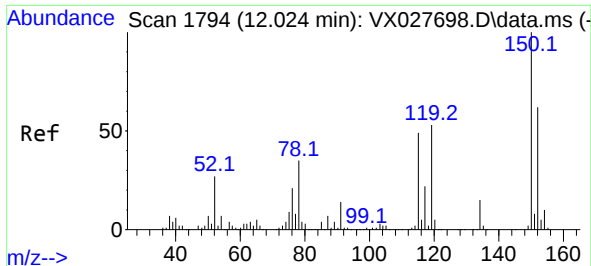
Tgt Ion:164 Resp: 22
Ion Ratio Lower Upper
164 100
166 0.0 101.2 151.8#
129 0.0 73.0 109.4#
131 0.0 74.2 111.2#



#67
Ethyl Benzene
Concen: 0.037 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.110 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

Tgt Ion: 91 Resp: 146
Ion Ratio Lower Upper
91 100
106 0.0 24.6 36.8#

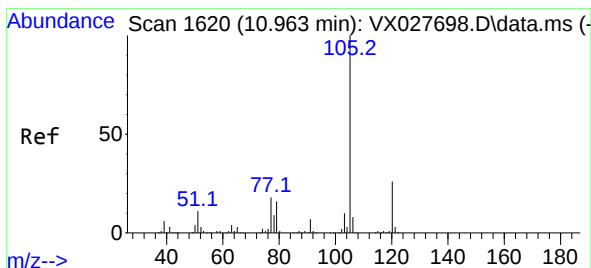
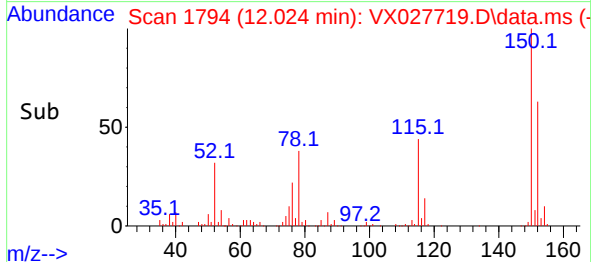
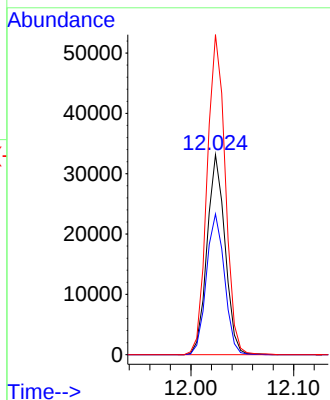
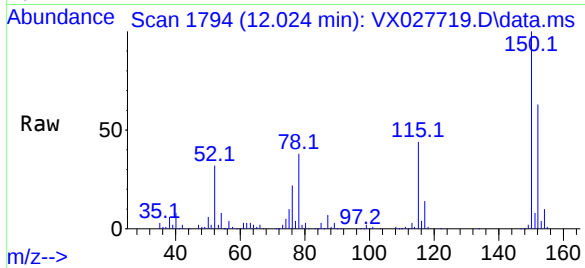




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

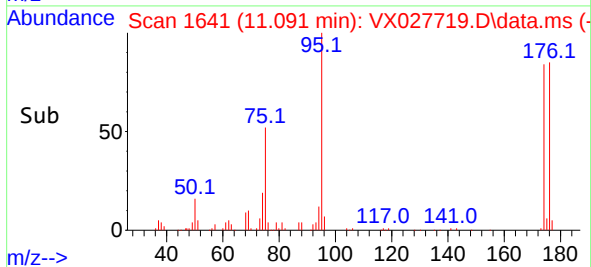
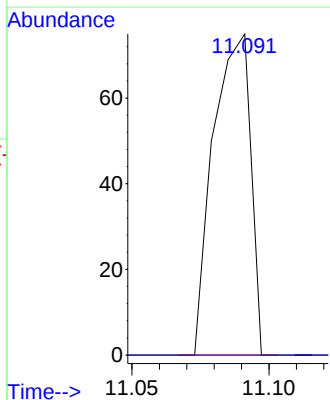
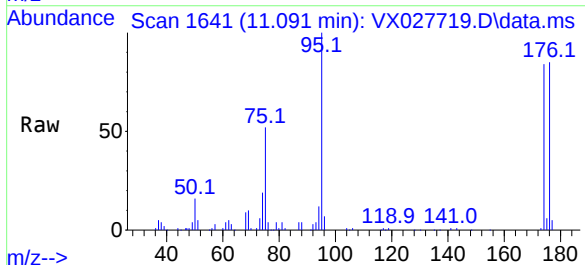
Instrument :
MSVOA_X
ClientSampleId :
VX0326WBL01

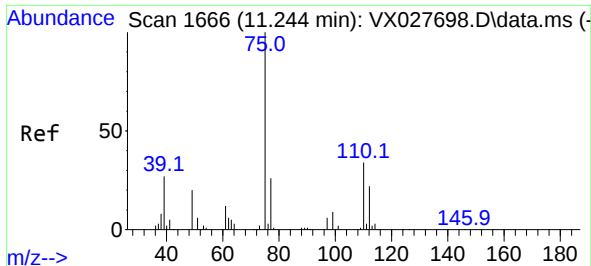
Tgt Ion:152 Resp: 40184
Ion Ratio Lower Upper
152 100
115 71.0 37.5 112.7
150 162.1 0.0 338.2



#73
Isopropylbenzene
Concen: 0.022 ug/l
RT: 11.091 min Scan# 1641
Delta R.T. 0.128 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

Tgt Ion:105 Resp: 71
Ion Ratio Lower Upper
105 100
120 0.0 13.5 40.5#

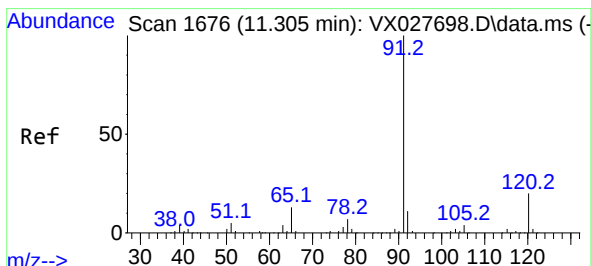
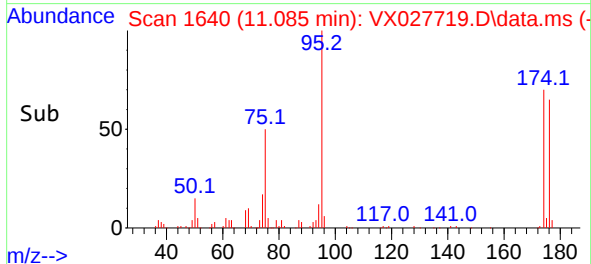
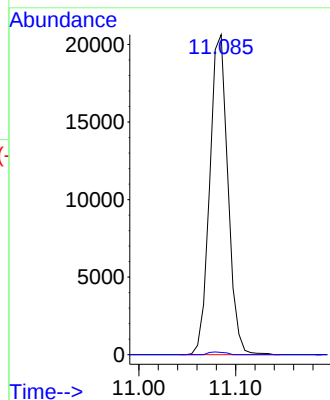
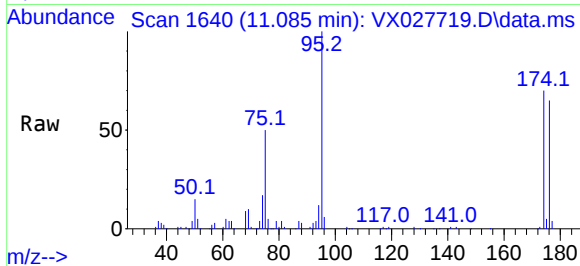




#76
1,2,3-Trichloropropane
Concen: 24.105 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

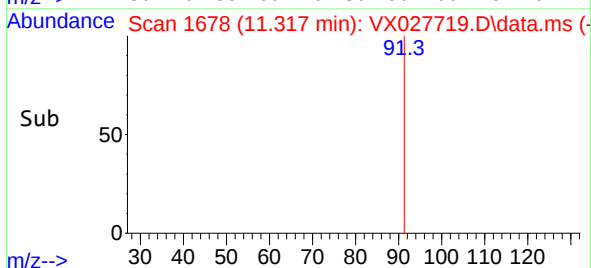
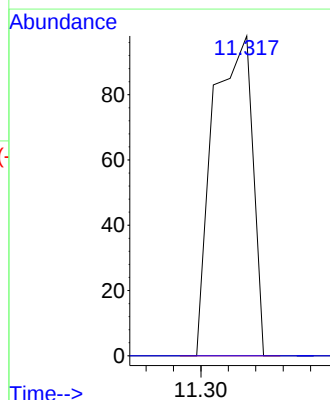
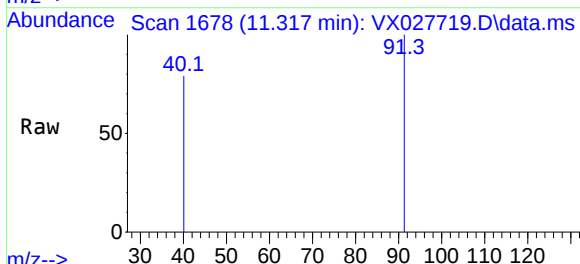
Instrument :
MSVOA_X
ClientSampleId :
VX0326WBL01

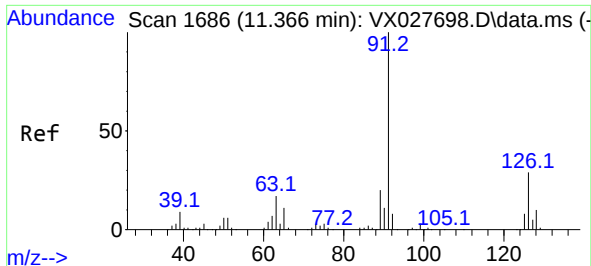
Tgt Ion: 75 Resp: 26969
Ion Ratio Lower Upper
75 100
77 0.8 19.4 58.2#



#78
n-propylbenzene
Concen: 0.025 ug/l
RT: 11.317 min Scan# 1678
Delta R.T. 0.012 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

Tgt Ion: 91 Resp: 97
Ion Ratio Lower Upper
91 100
120 0.0 11.6 34.8#

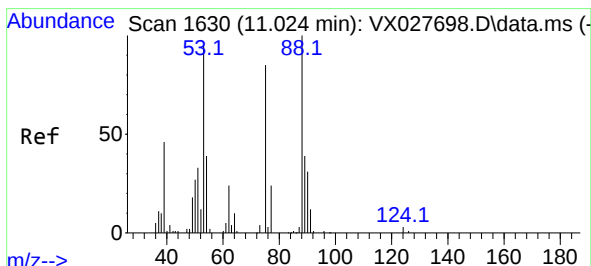
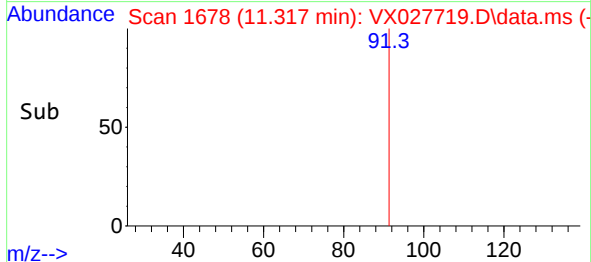
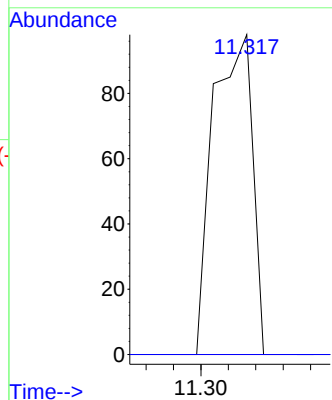
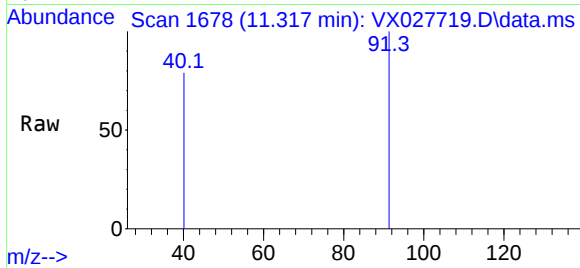




#79
2-Chlorotoluene
Concen: 0.039 ug/l
RT: 11.317 min Scan# 1
Delta R.T. -0.049 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

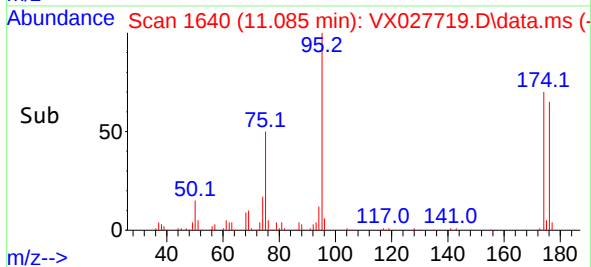
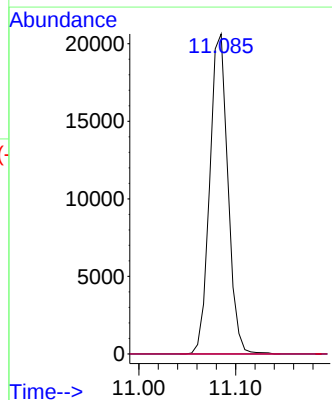
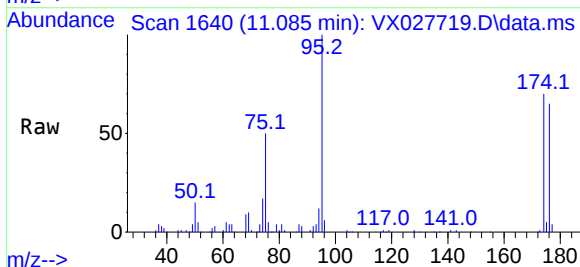
Instrument :
MSVOA_X
ClientSampleId :
VX0326WBL01

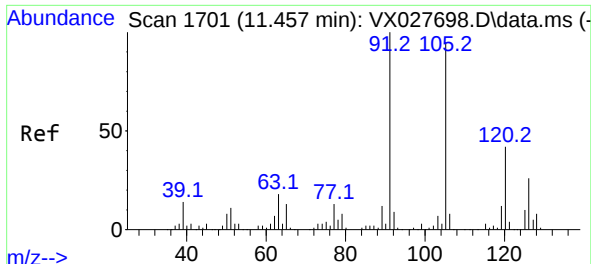
Tgt Ion: 91 Resp: 97
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.050 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

Tgt Ion: 75 Resp: 26969
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

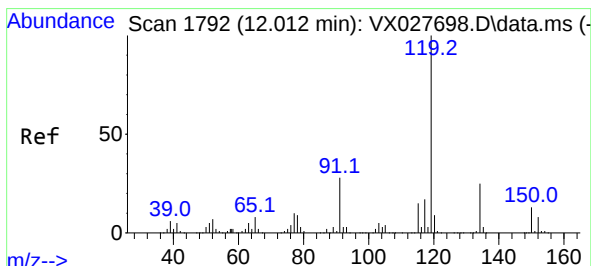
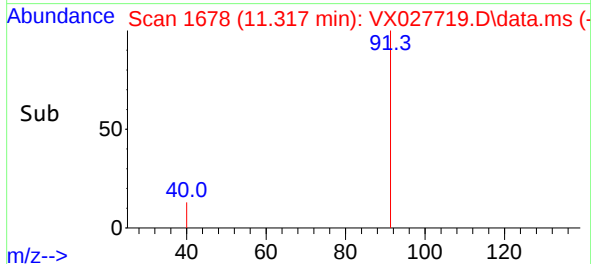
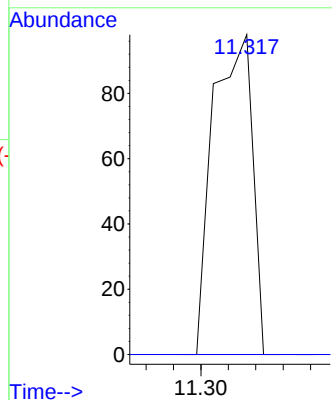
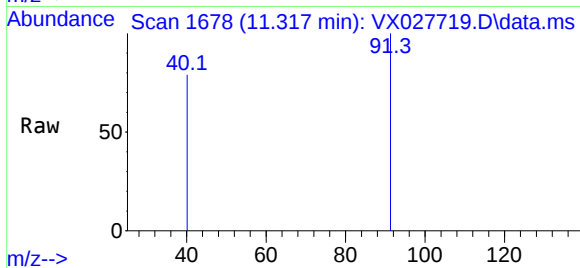




#82
4-Chlorotoluene
Concen: 0.034 ug/l
RT: 11.317 min Scan# 11
Delta R.T. -0.140 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

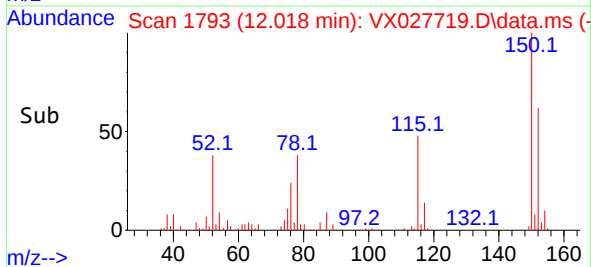
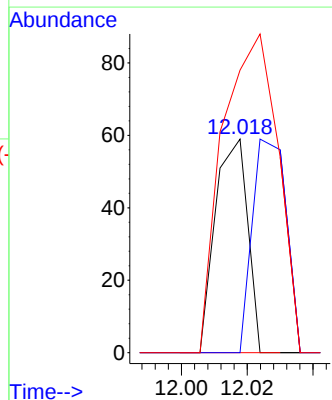
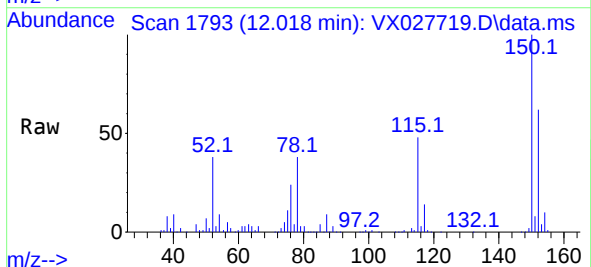
Instrument :
MSVOA_X
ClientSampleId :
VX0326WBL01

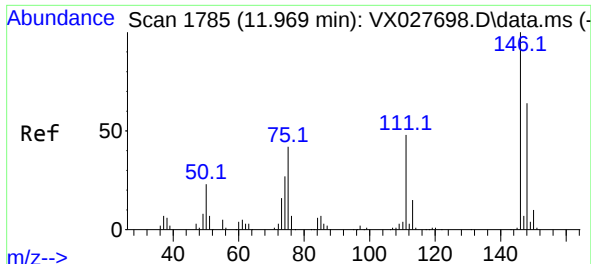
Tgt Ion: 91 Resp: 97
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#



#86
p-Isopropyltoluene
Concen: 0.015 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VX027719.D
Acq: 26 Mar 2022 11:55

Tgt Ion: 119 Resp: 40
Ion Ratio Lower Upper
119 100
134 105.0 13.0 39.0#
91 257.5 11.3 33.9#





#87

1,3-Dichlorobenzene

Concen: 0.071 ug/l

RT: 12.048 min Scan# 1798

Delta R.T. 0.079 min

Lab File: VX027719.D

Acq: 26 Mar 2022 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBL01

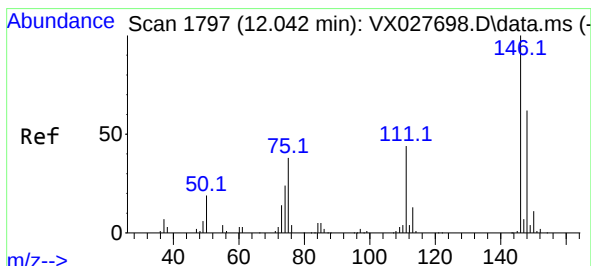
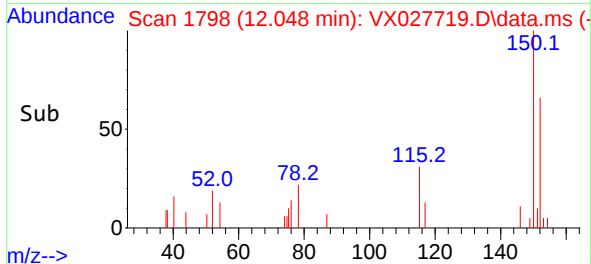
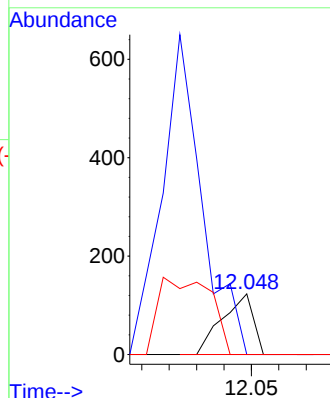
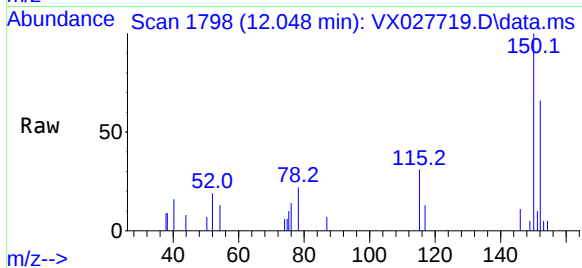
Tgt Ion:146 Resp: 97

Ion Ratio Lower Upper

146 100

111 0.0 19.7 59.1#

148 0.0 31.6 94.7#



#88

1,4-Dichlorobenzene

Concen: 0.069 ug/l

RT: 12.048 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VX027719.D

Acq: 26 Mar 2022 11:55

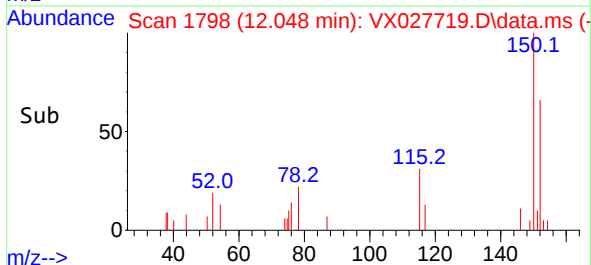
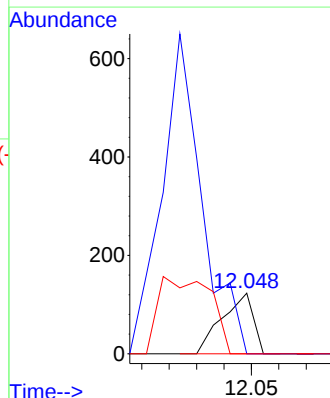
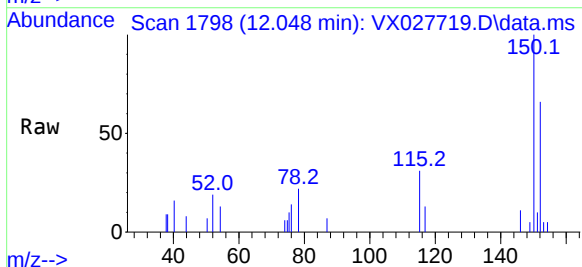
Tgt Ion:146 Resp: 97

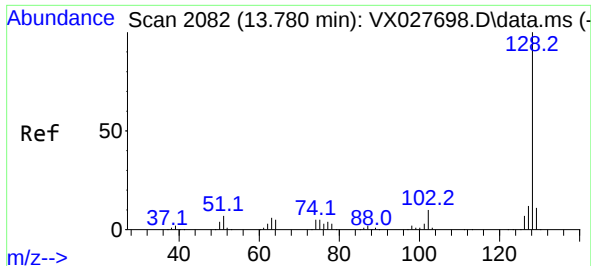
Ion Ratio Lower Upper

146 100

111 0.0 19.2 57.6#

148 0.0 32.3 96.9#





#95

Naphthalene

Concen: 0.019 ug/l

RT: 13.780 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX027719.D

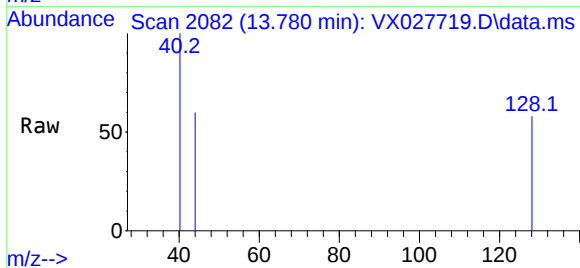
Acq: 26 Mar 2022 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBL01



Tgt Ion:128 Resp: 54

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.7 13.1#

