

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032622\
 Data File : VX027718.D
 Acq On : 26 Mar 2022 11:32
 Operator : JC/MD
 Sample : VX0326MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326MBL01

Quant Time: Mar 28 05:12:21 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)

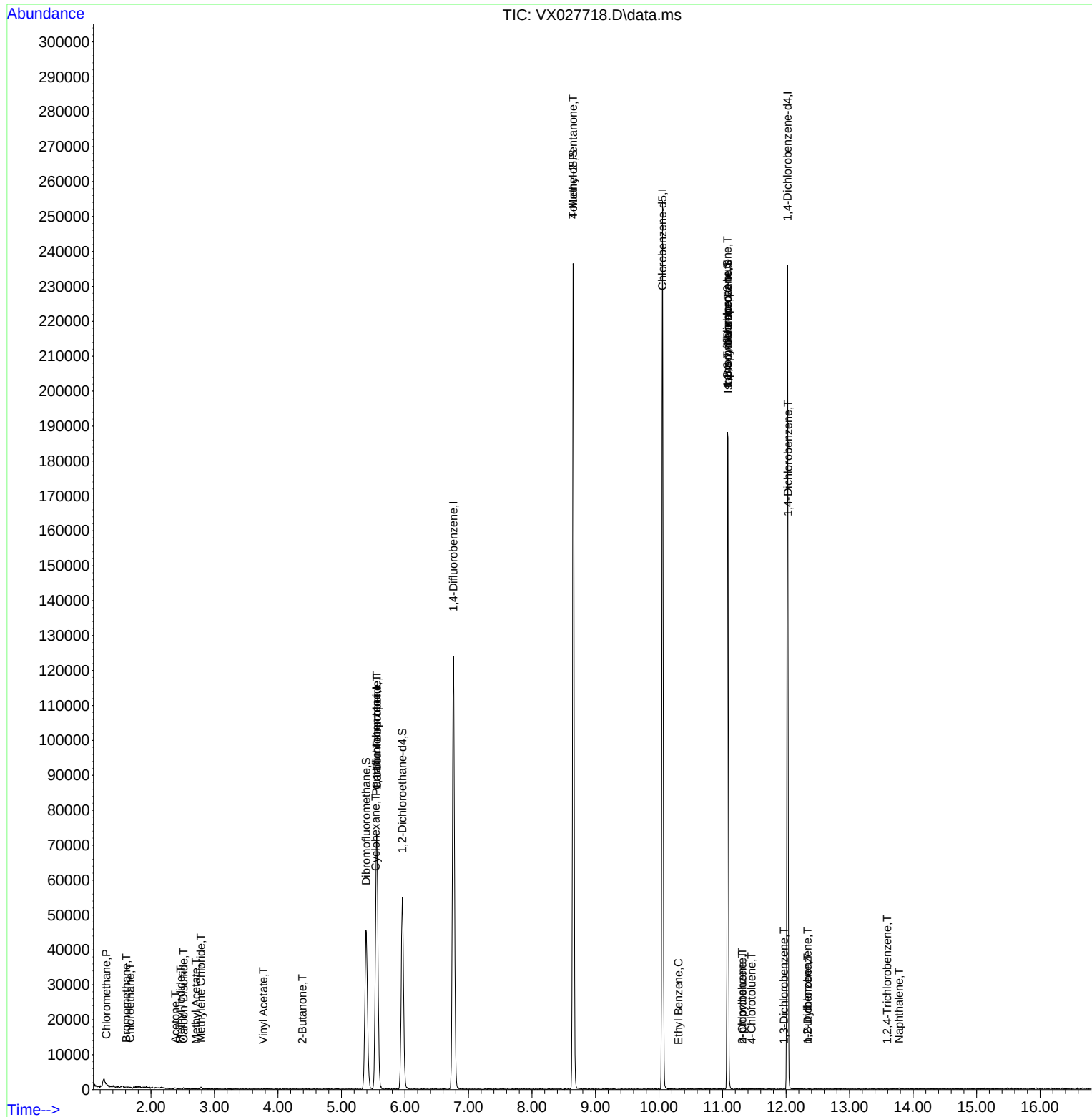
Internal Standards						
1) Pentafluorobenzene	5.550	168	63761	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	113357	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98828	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	53316	50.983	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.960%			
35) Dibromofluoromethane	5.385	113	38807	52.132	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.260%			
50) Toluene-d8	8.647	98	138078	47.984	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.960%			
62) 4-Bromofluorobenzene	11.079	95	53032	45.418	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.840%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	113	0.147	ug/l #	42
5) Bromomethane	1.611	94	64	0.217	ug/l #	3
6) Chloroethane	1.672	64	57	0.121	ug/l #	43
10) Methyl Iodide	2.465	142	124	3.020	ug/l #	41
16) Acetone	2.386	43	360	0.814	ug/l	92
17) Carbon Disulfide	2.514	76	269	0.148	ug/l #	75
18) Methyl Acetate	2.709	43	124	0.110	ug/l #	46
20) Methylene Chloride	2.788	84	257	0.326	ug/l #	69
23) Vinyl Acetate	3.770	43	19	0.009	ug/l #	66
25) 2-Butanone	4.385	43	25	0.035	ug/l #	44
31) Cyclohexane	5.538	56	1709	1.348	ug/l #	36
36) 1,1-Dichloropropene	5.556	75	5717	4.862	ug/l #	47
38) Carbon Tetrachloride	5.556	117	7433	6.469	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	682	0.481	ug/l #	1
67) Ethyl Benzene	10.305	91	60	0.015	ug/l #	44
73) Isopropylbenzene	11.085	105	20	0.006	ug/l #	48
76) 1,2,3-Trichloropropane	11.079	75	29974	26.836	ug/l #	38
78) n-propylbenzene	11.311	91	105	0.027	ug/l #	52
79) 2-Chlorotoluene	11.311	91	105	0.043	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	29974	91.344	ug/l #	15
82) 4-Chlorotoluene	11.457	91	47	0.017	ug/l #	45
87) 1,3-Dichlorobenzene	11.969	146	74	0.054	ug/l #	50
88) 1,4-Dichlorobenzene	12.030	146	21	0.015	ug/l #	1
89) n-Butylbenzene	12.341	91	119	0.047	ug/l #	32
91) 1,2-Dichlorobenzene	12.341	146	21	0.016	ug/l #	24
93) 1,2,4-Trichlorobenzene	13.591	180	85	0.109	ug/l #	12
95) Naphthalene	13.780	128	172	0.060	ug/l #	69

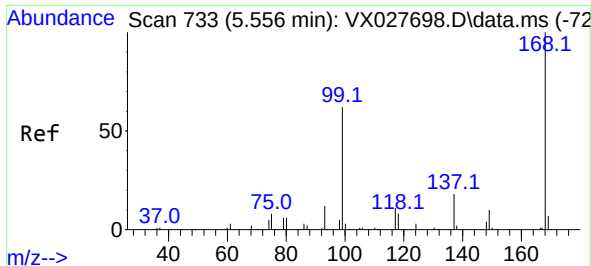
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX027718.D
Acq On : 26 Mar 2022 11:32
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VX0326MBL01

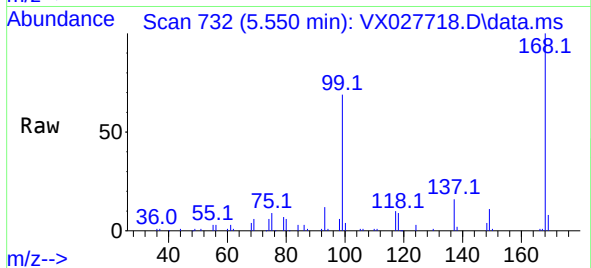
Quant Time: Mar 28 05:12:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
Quant Title : SW846 8260
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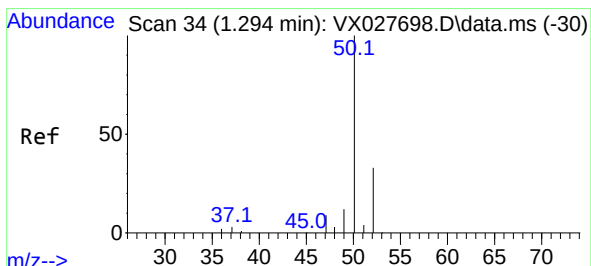
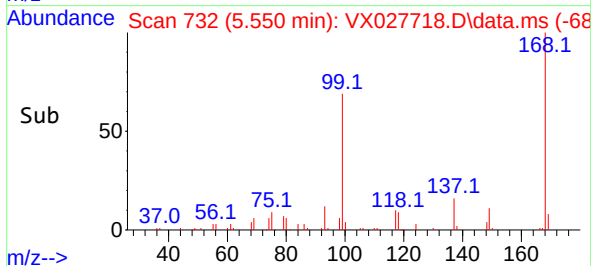
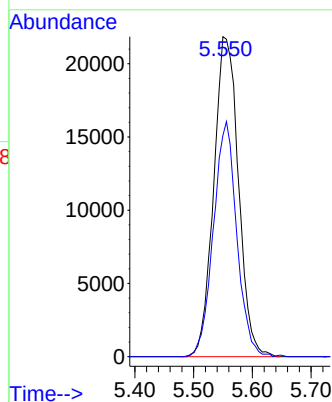


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

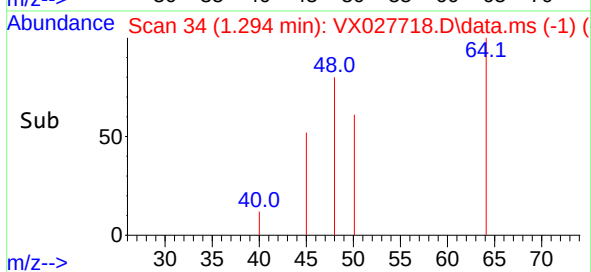
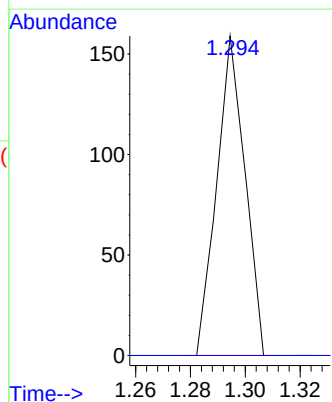
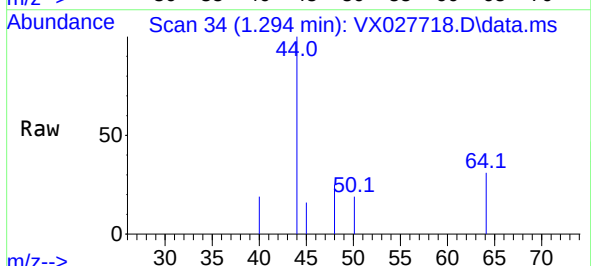


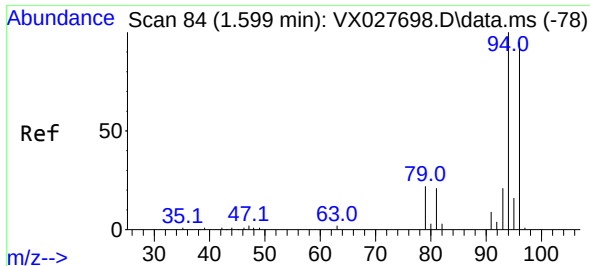
Tgt Ion:168 Resp: 63761
Ion Ratio Lower Upper
168 100
99 69.2 41.7 62.5#



#3
Chloromethane
Concen: 0.147 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

Tgt Ion: 50 Resp: 113
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

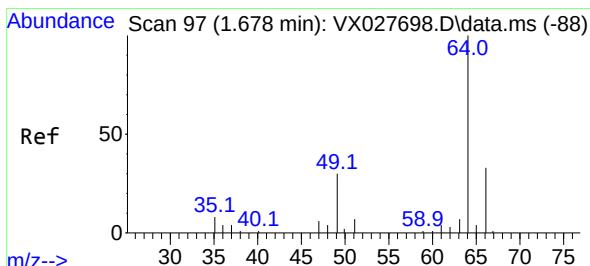
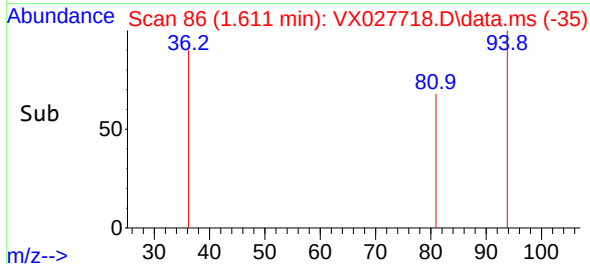
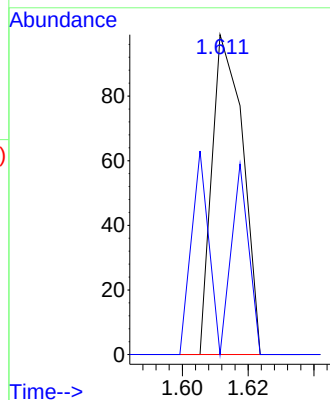
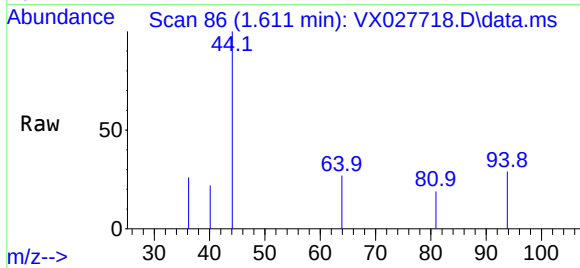




#5
Bromomethane
Concen: 0.217 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

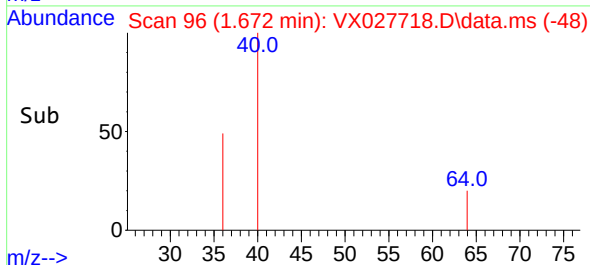
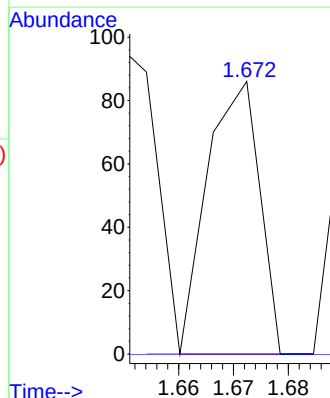
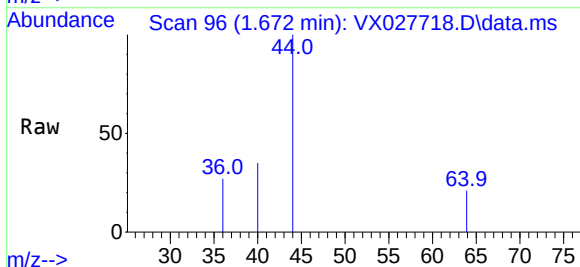
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

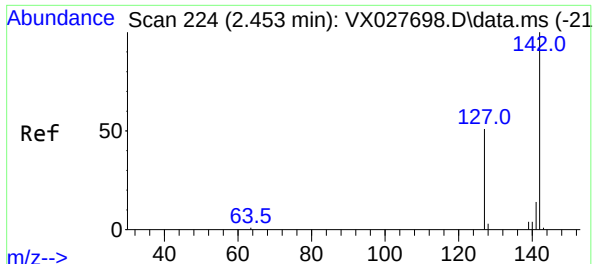
Tgt Ion: 94 Resp: 64
Ion Ratio Lower Upper
94 100
96 0.0 75.3 112.9#



#6
Chloroethane
Concen: 0.121 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

Tgt Ion: 64 Resp: 57
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#10

Methyl Iodide

Concen: 3.020 ug/l

RT: 2.465 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX027718.D

Acq: 26 Mar 2022 11:32

Instrument :

MSVOA_X

ClientSampleId :

VX0326MBL01

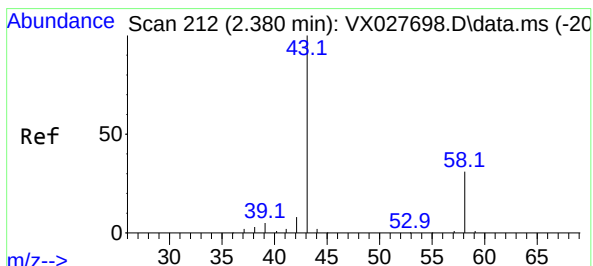
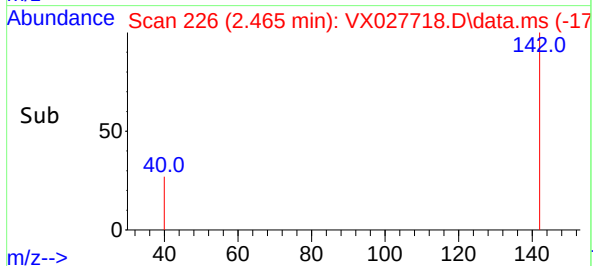
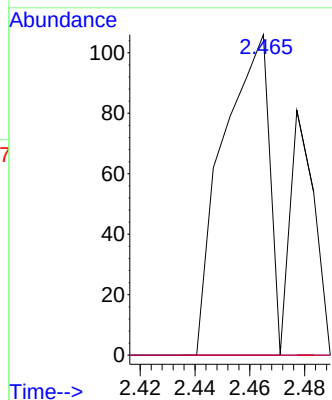
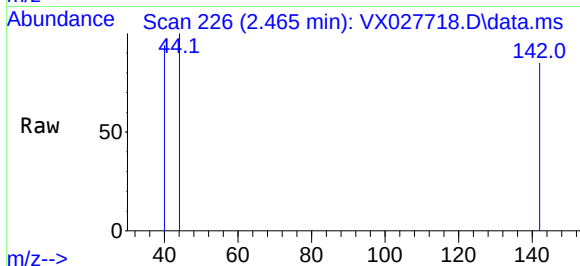
Tgt Ion:142 Resp: 124

Ion Ratio Lower Upper

142 100

127 0.0 33.9 50.9#

141 0.0 11.4 17.2#



#16

Acetone

Concen: 0.814 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX027718.D

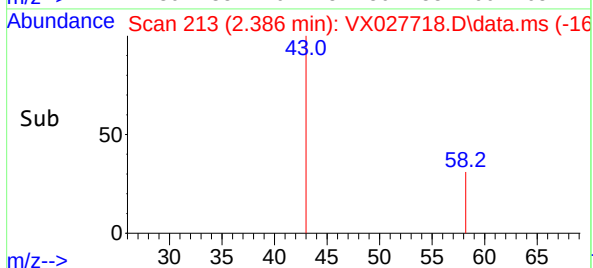
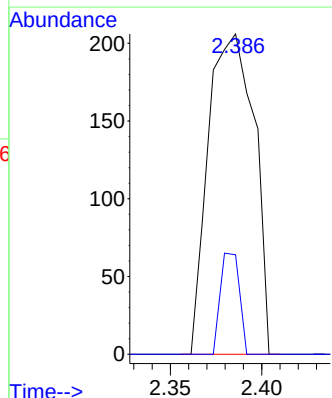
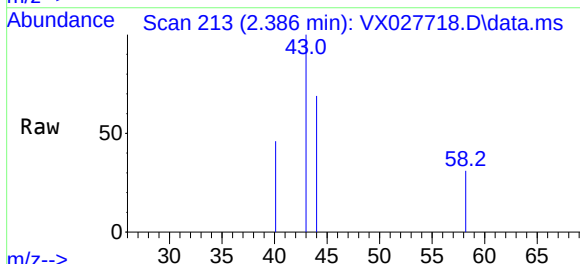
Acq: 26 Mar 2022 11:32

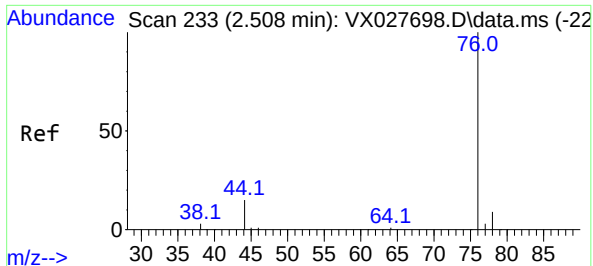
Tgt Ion: 43 Resp: 360

Ion Ratio Lower Upper

43 100

58 31.1 28.8 43.2

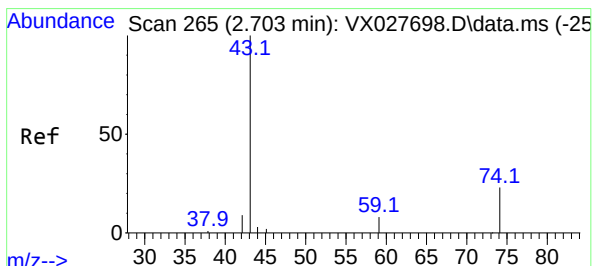
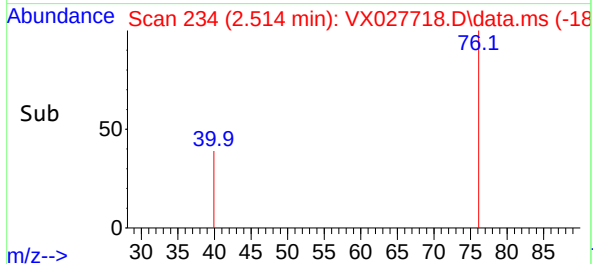
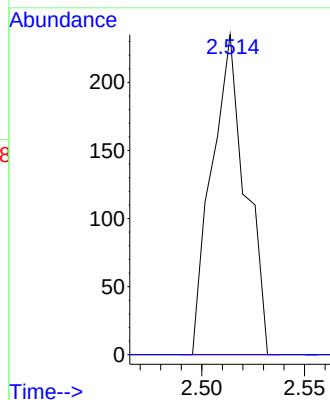
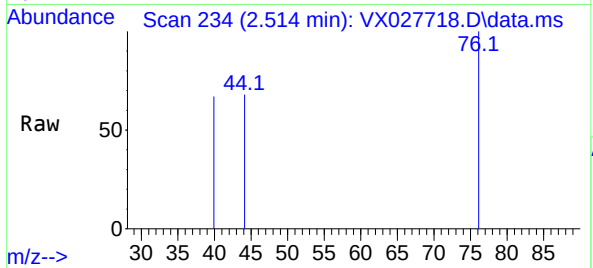




#17
Carbon Disulfide
Concen: 0.148 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

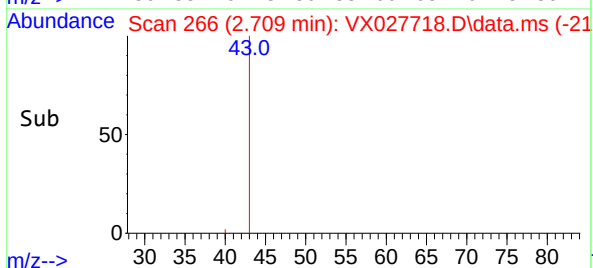
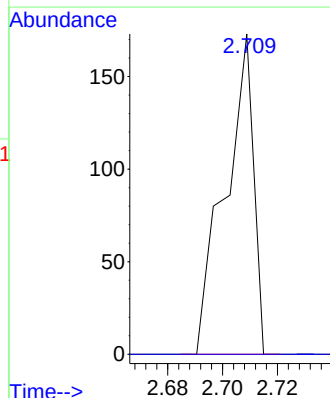
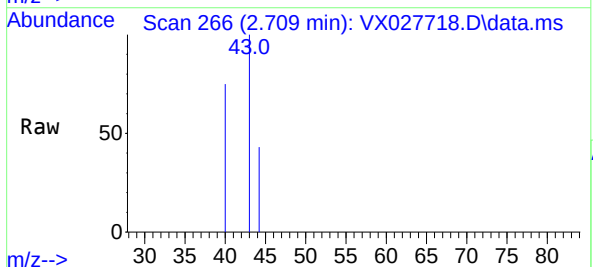
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

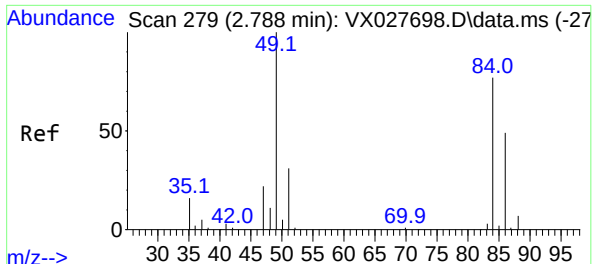
Tgt Ion: 76 Resp: 269
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.110 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

Tgt Ion: 43 Resp: 124
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#





#20

Methylene Chloride

Concen: 0.326 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX027718.D

Acq: 26 Mar 2022 11:32

Instrument :

MSVOA_X

ClientSampleId :

VX0326MBL01

Tgt Ion: 84 Resp: 257

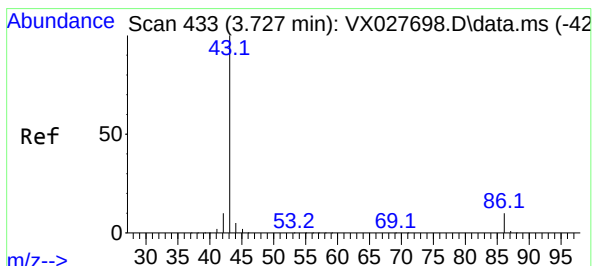
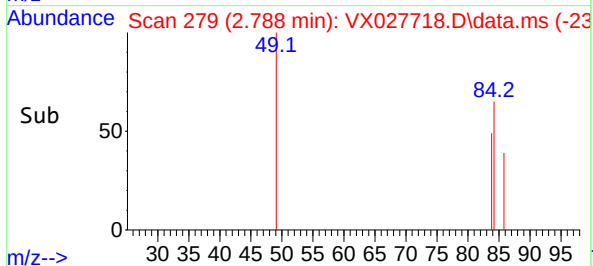
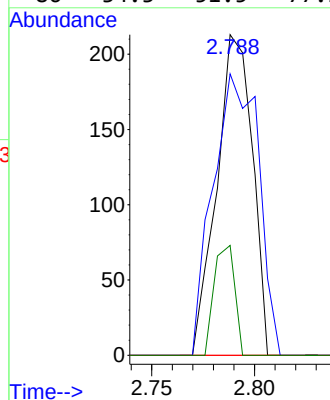
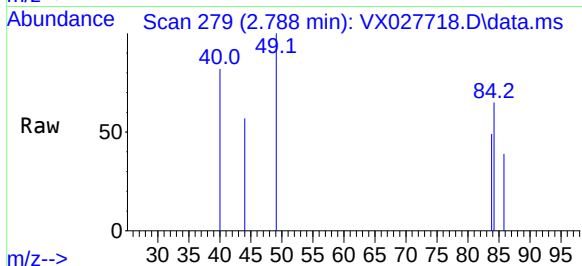
Ion Ratio Lower Upper

84 100

49 87.8 85.5 128.3

51 0.0 26.6 39.8#

86 34.3 51.5 77.3#



#23

Vinyl Acetate

Concen: 0.009 ug/l

RT: 3.770 min Scan# 440

Delta R.T. 0.043 min

Lab File: VX027718.D

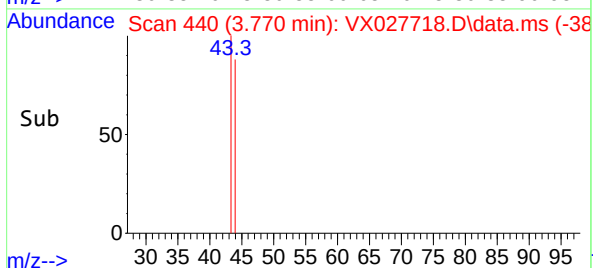
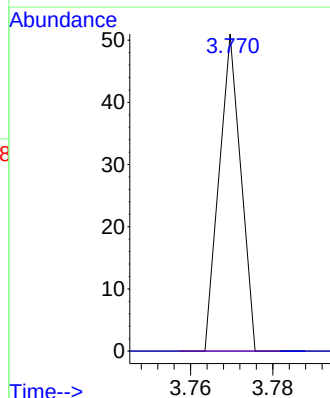
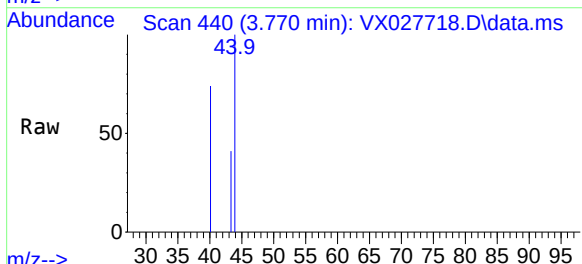
Acq: 26 Mar 2022 11:32

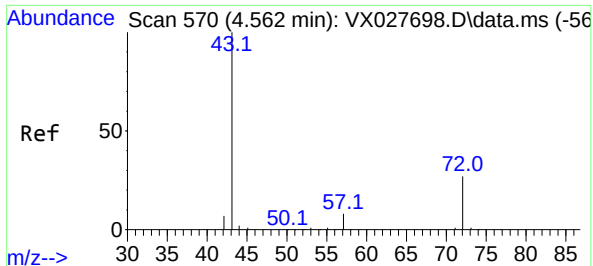
Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

86 0.0 10.8 16.2#





#25

2-Butanone

Concen: 0.035 ug/l

RT: 4.385 min Scan# 54

Delta R.T. -0.177 min

Lab File: VX027718.D

Acq: 26 Mar 2022 11:32

Instrument :

MSVOA_X

ClientSampleId :

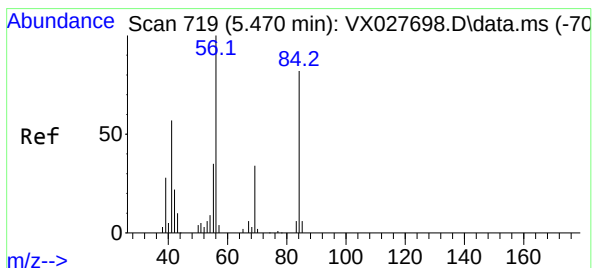
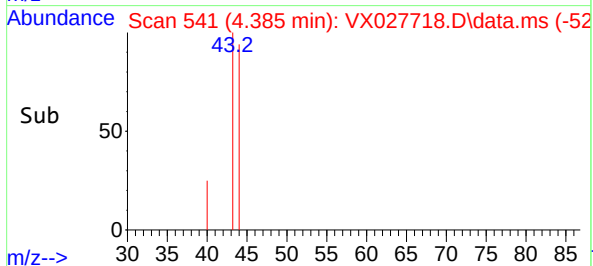
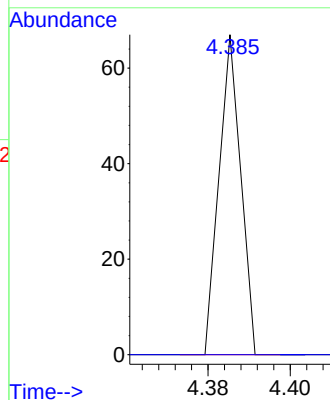
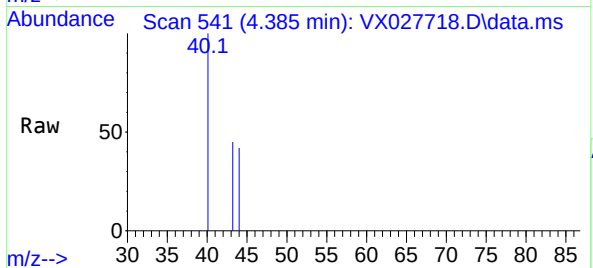
VX0326MBL01

Tgt Ion: 43 Resp: 25

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#



#31

Cyclohexane

Concen: 1.348 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.068 min

Lab File: VX027718.D

Acq: 26 Mar 2022 11:32

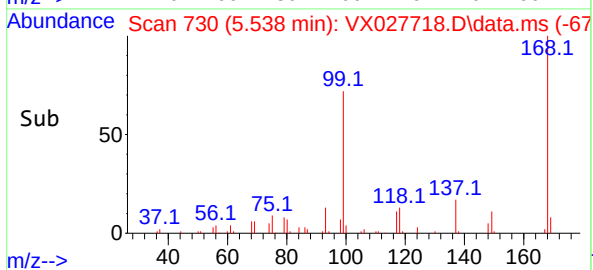
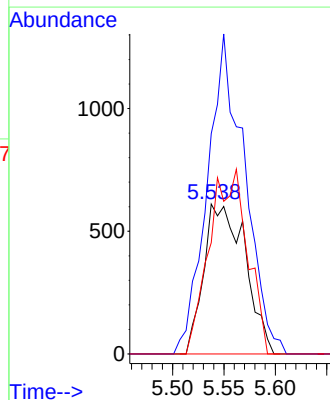
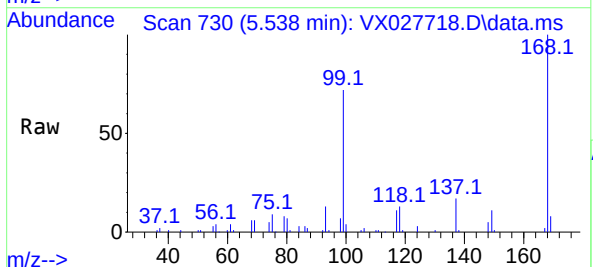
Tgt Ion: 56 Resp: 1709

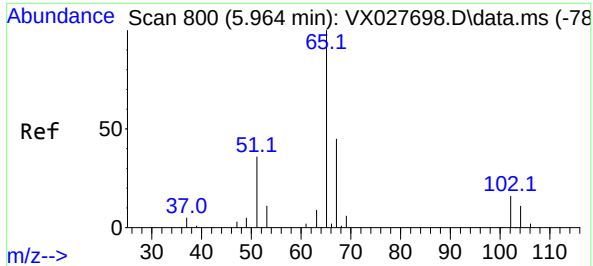
Ion Ratio Lower Upper

56 100

69 137.8 26.7 40.1#

84 74.1 77.2 115.8#

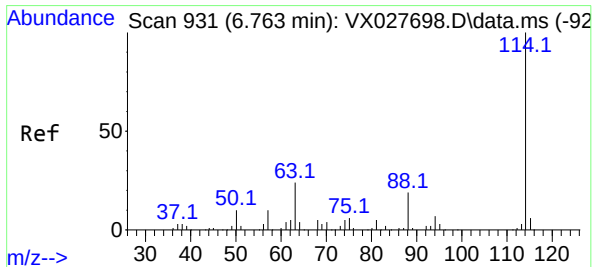
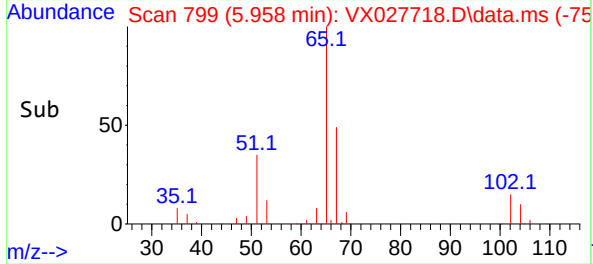
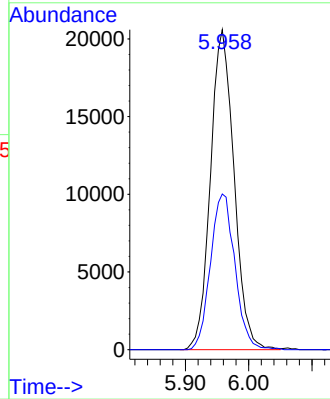
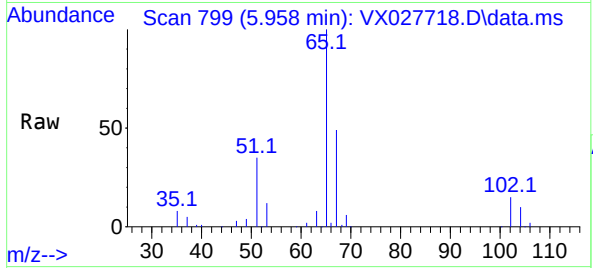




#33
 1,2-Dichloroethane-d4
 Concen: 50.983 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX027718.D
 Acq: 26 Mar 2022 11:32

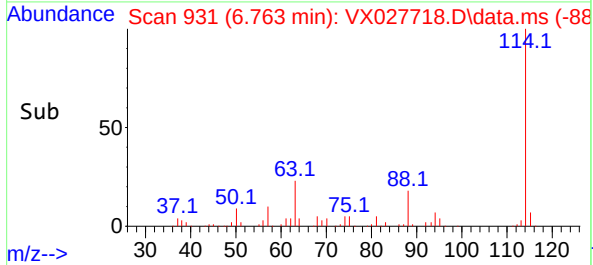
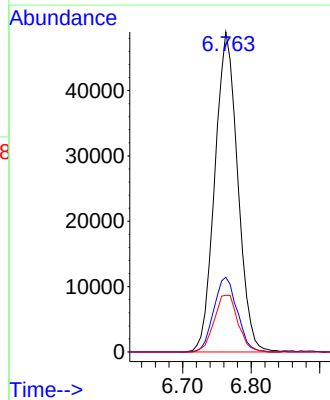
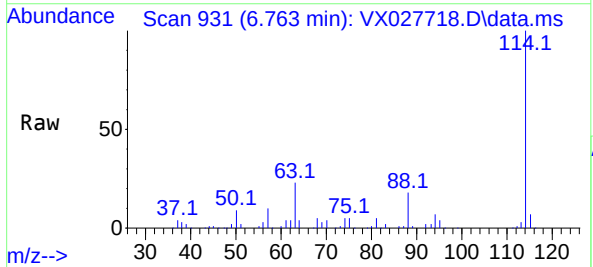
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326MBL01

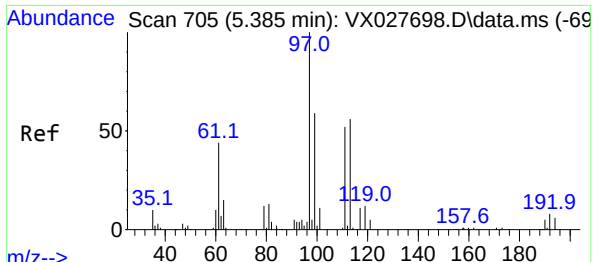
Tgt Ion: 65 Resp: 53316
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX027718.D
 Acq: 26 Mar 2022 11:32

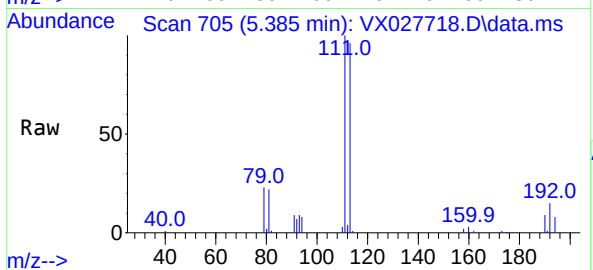
Tgt Ion: 114 Resp: 113357
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 36.8
 88 17.7 0.0 32.4



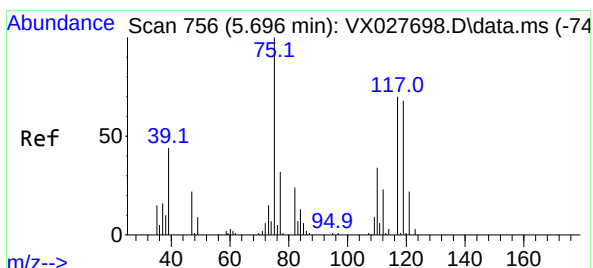
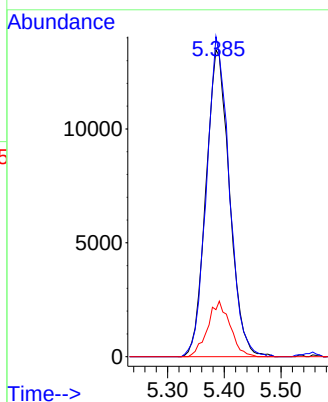
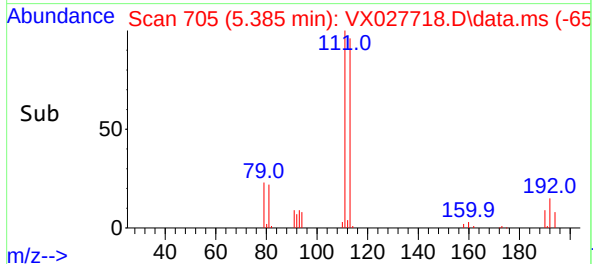


#35
Dibromofluoromethane
Concen: 52.132 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

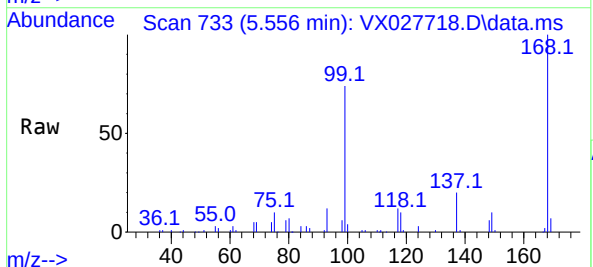
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01



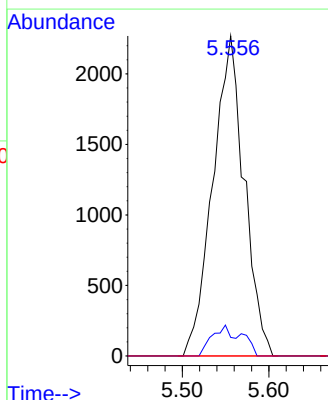
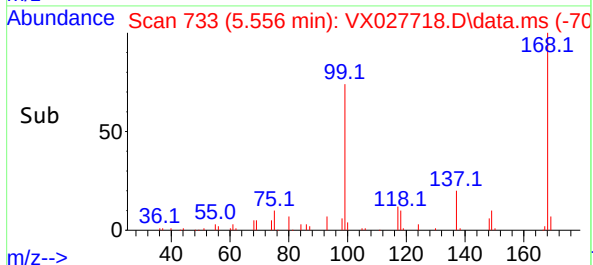
Tgt Ion:113 Resp: 38807
Ion Ratio Lower Upper
113 100
111 100.9 82.8 124.2
192 17.2 16.9 25.3

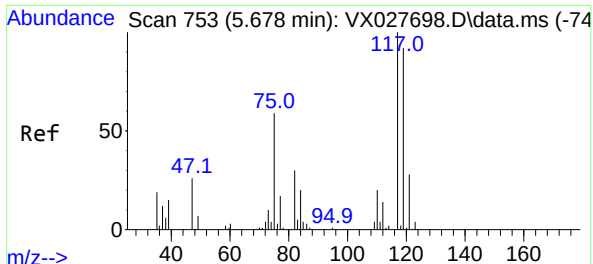


#36
1,1-Dichloropropene
Concen: 4.862 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32



Tgt Ion: 75 Resp: 5717
Ion Ratio Lower Upper
75 100
110 6.4 18.3 54.8#
77 0.0 24.8 37.2#

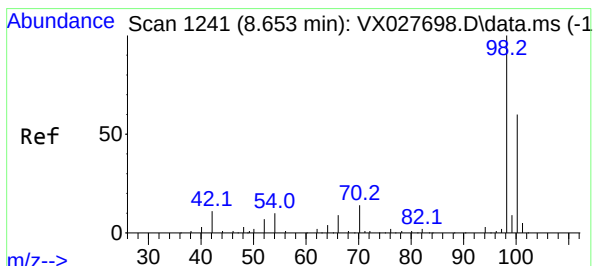
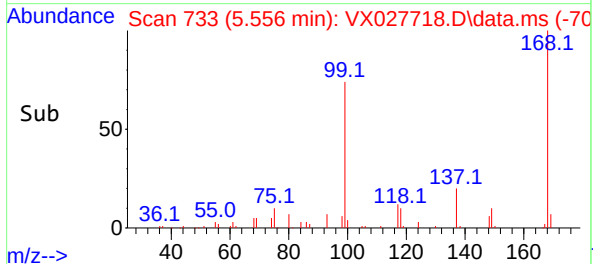
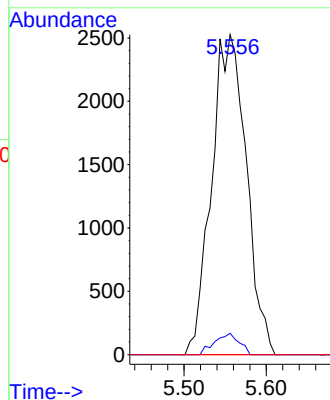
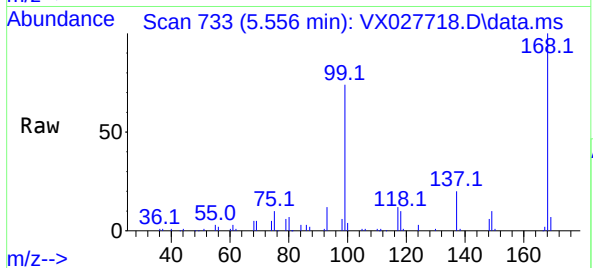




#38
Carbon Tetrachloride
Concen: 6.469 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

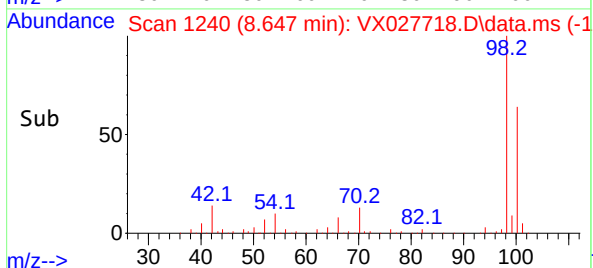
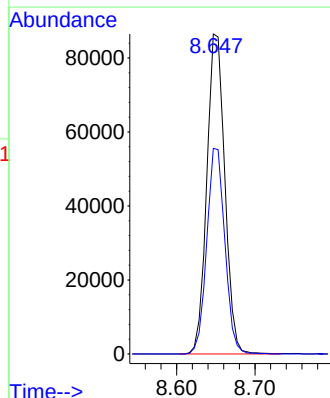
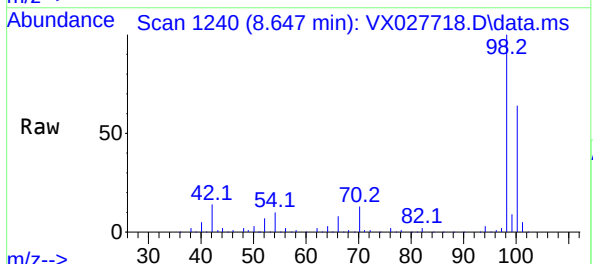
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

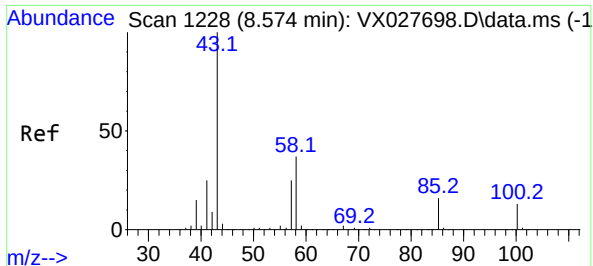
Tgt Ion:117 Resp: 7433
Ion Ratio Lower Upper
117 100
119 6.7 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.984 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

Tgt Ion: 98 Resp: 138078
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.481 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX027718.D

Acq: 26 Mar 2022 11:32

Instrument :

MSVOA_X

ClientSampleId :

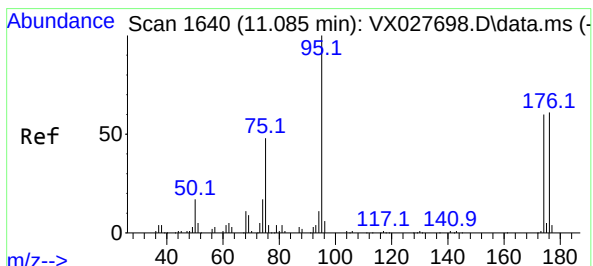
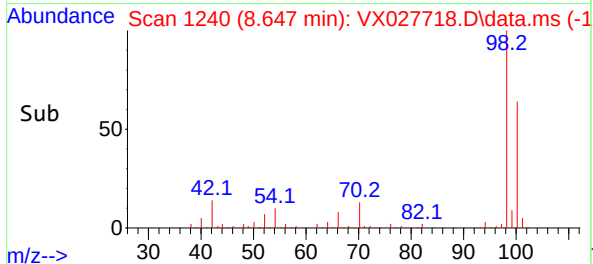
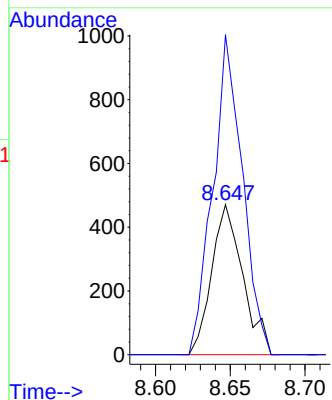
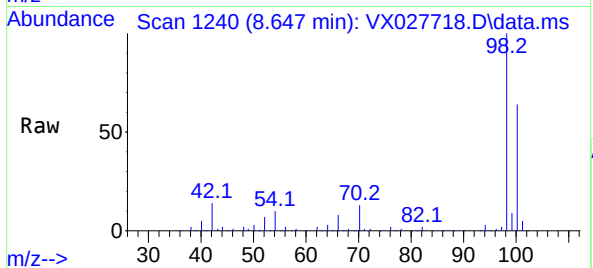
VX0326MBL01

Tgt Ion: 43 Resp: 682

Ion Ratio Lower Upper

43 100

58 202.8 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 45.418 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027718.D

Acq: 26 Mar 2022 11:32

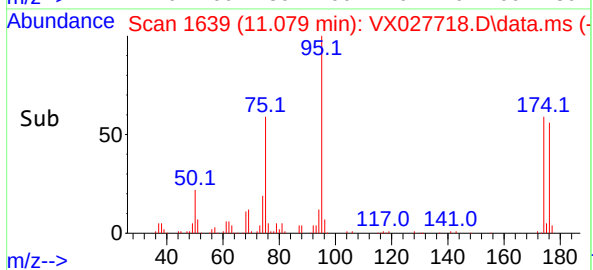
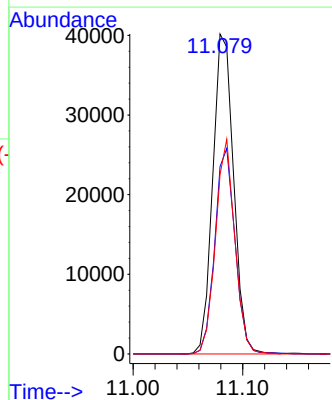
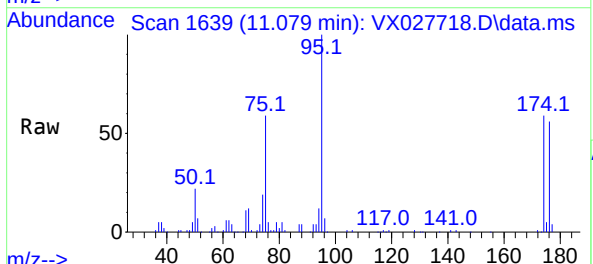
Tgt Ion: 95 Resp: 53032

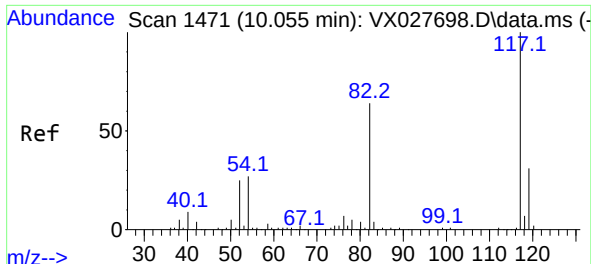
Ion Ratio Lower Upper

95 100

174 62.7 0.0 163.0

176 62.1 0.0 155.0

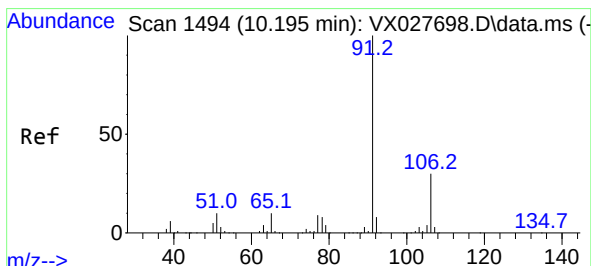
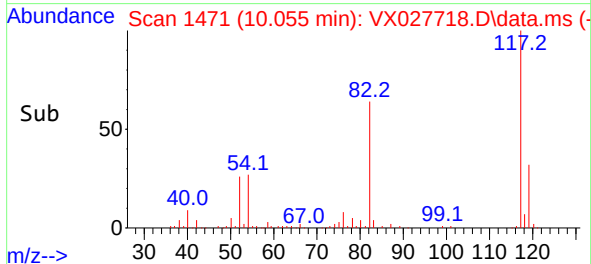
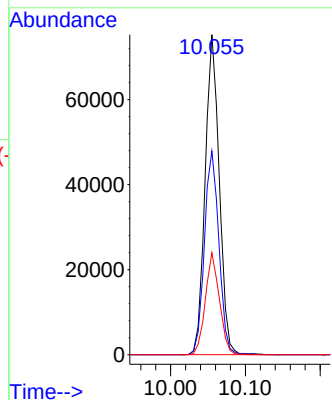
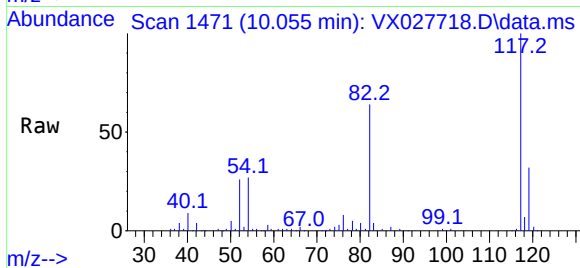




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

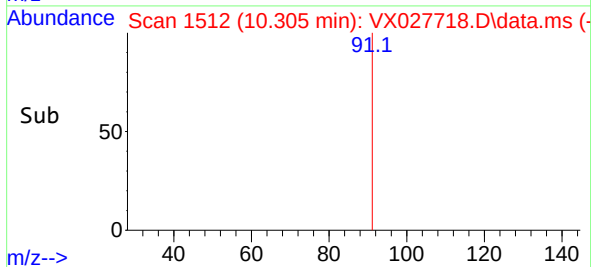
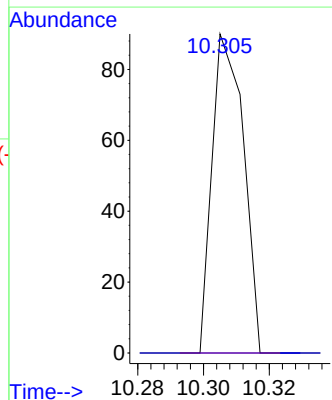
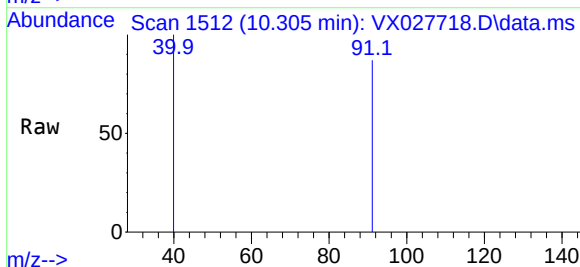
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

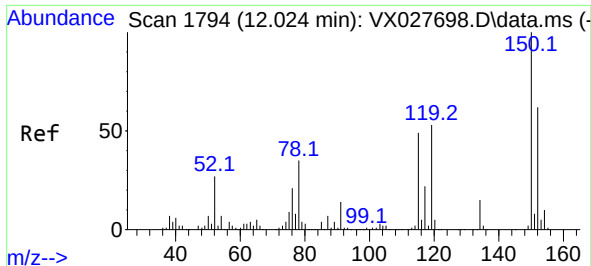
Tgt Ion:117 Resp: 98828
Ion Ratio Lower Upper
117 100
82 63.7 41.8 62.8#
119 31.9 24.8 37.2



#67
Ethyl Benzene
Concen: 0.015 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.110 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

Tgt Ion: 91 Resp: 60
Ion Ratio Lower Upper
91 100
106 0.0 24.6 36.8#

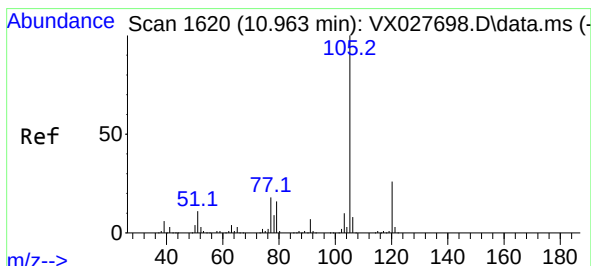
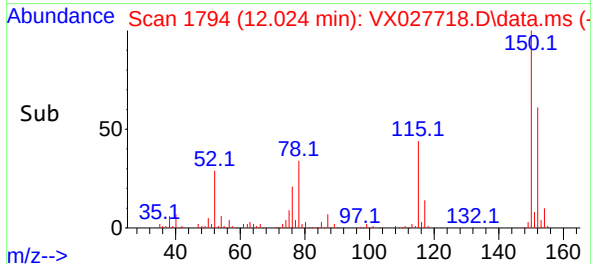
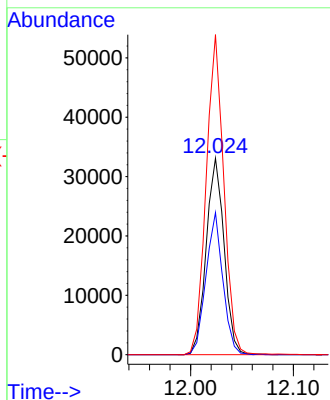
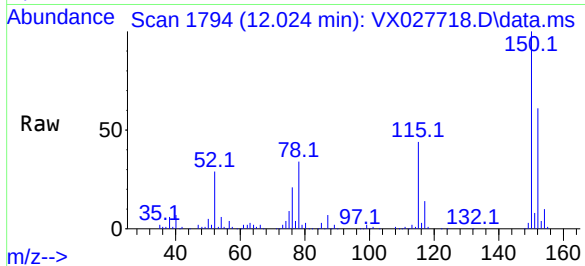




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

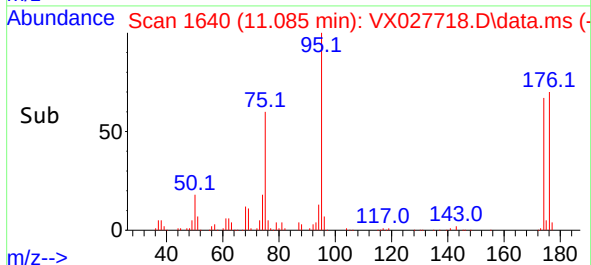
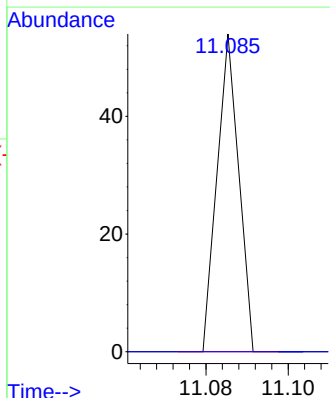
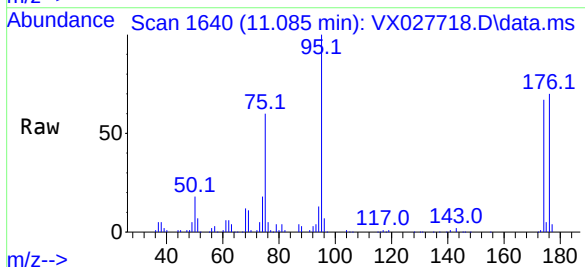
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

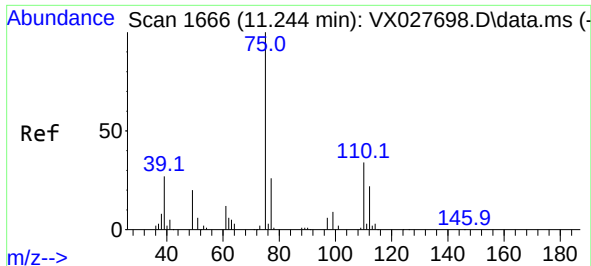
Tgt Ion:152 Resp: 40117
Ion Ratio Lower Upper
152 100
115 68.5 37.5 112.7
150 160.5 0.0 338.2



#73
Isopropylbenzene
Concen: 0.006 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.122 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

Tgt Ion:105 Resp: 20
Ion Ratio Lower Upper
105 100
120 0.0 13.5 40.5#

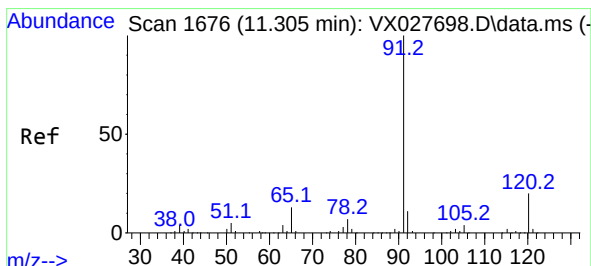
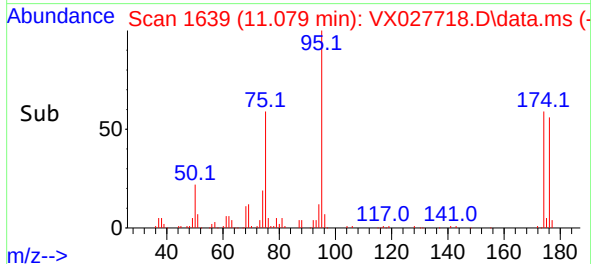
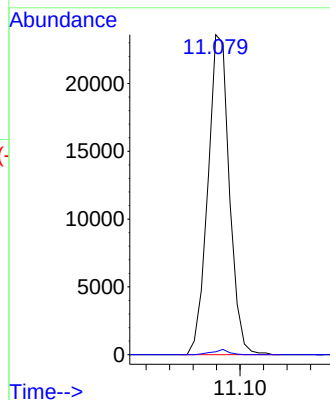
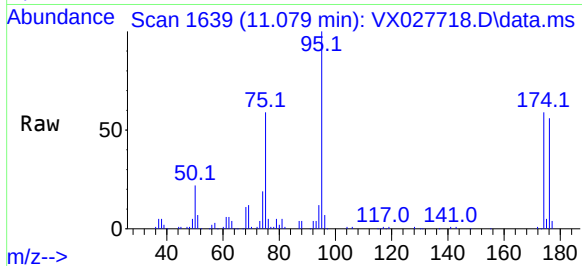




#76
1,2,3-Trichloropropane
Concen: 26.836 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

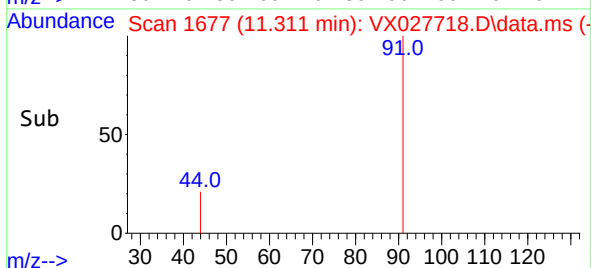
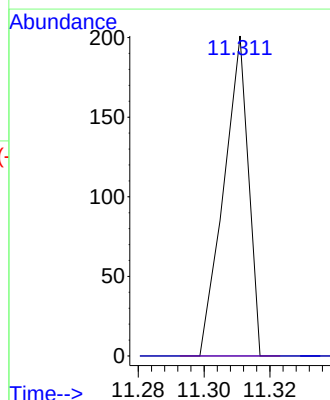
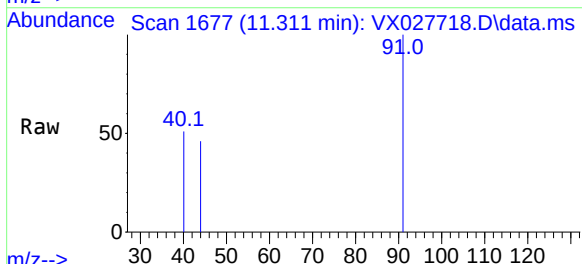
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

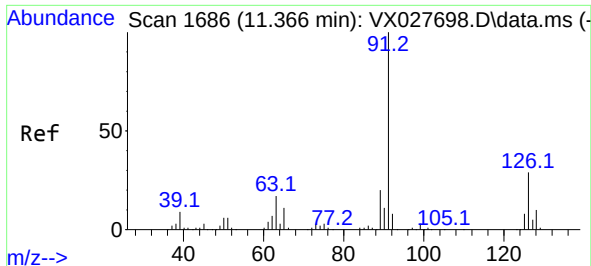
Tgt Ion: 75 Resp: 29974
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#78
n-propylbenzene
Concen: 0.027 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

Tgt Ion: 91 Resp: 105
Ion Ratio Lower Upper
91 100
120 0.0 11.6 34.8#

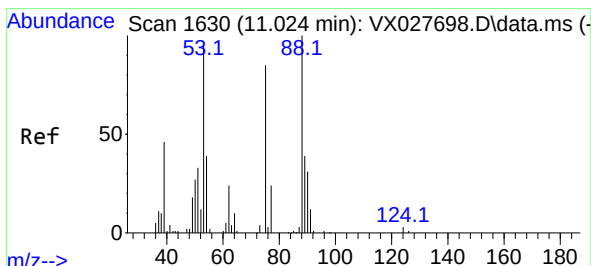
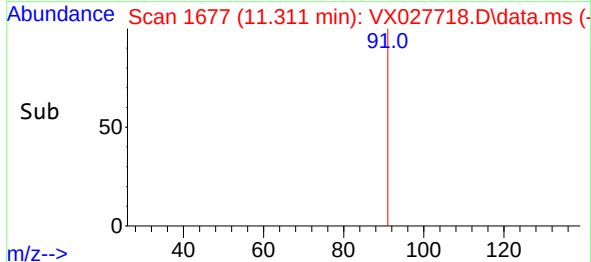
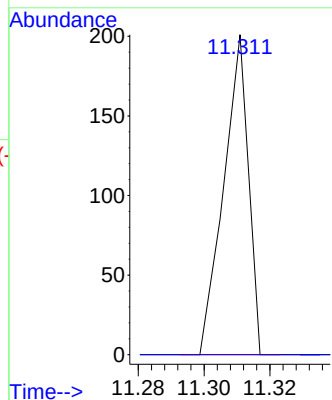
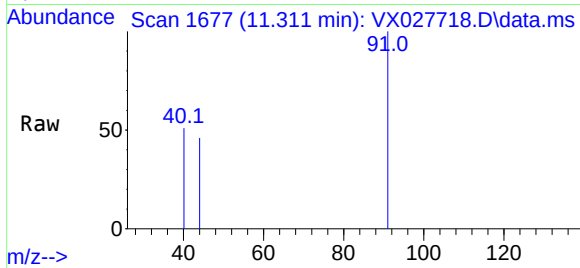




#79
2-Chlorotoluene
Concen: 0.043 ug/l
RT: 11.311 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

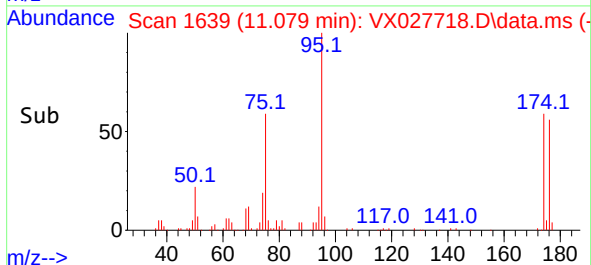
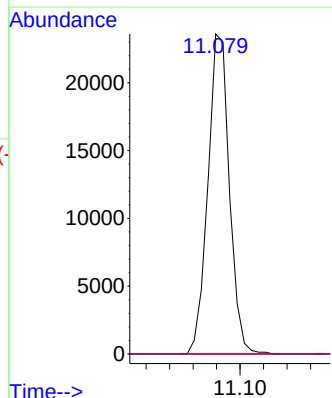
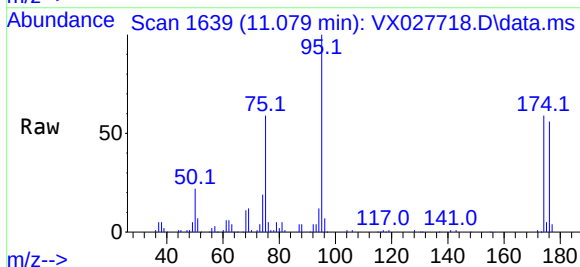
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

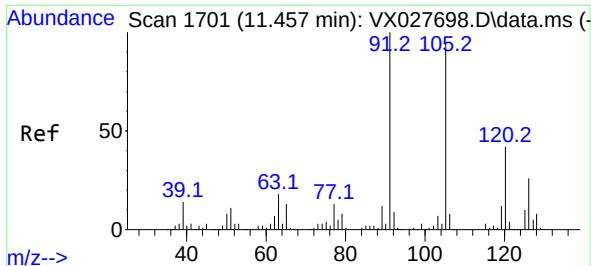
Tgt Ion: 91 Resp: 105
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.344 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

Tgt Ion: 75 Resp: 29974
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

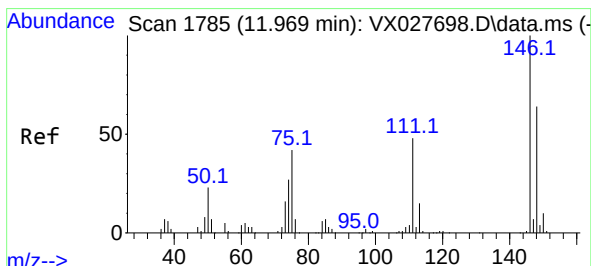
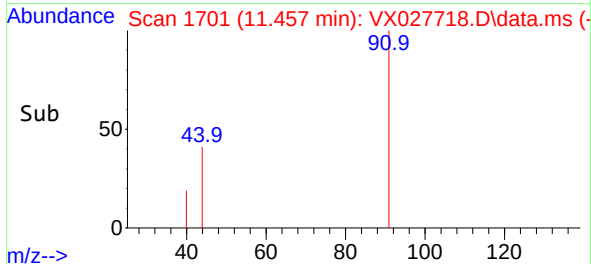
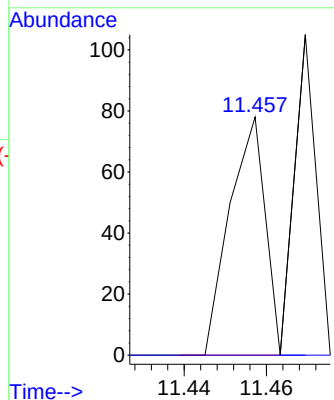
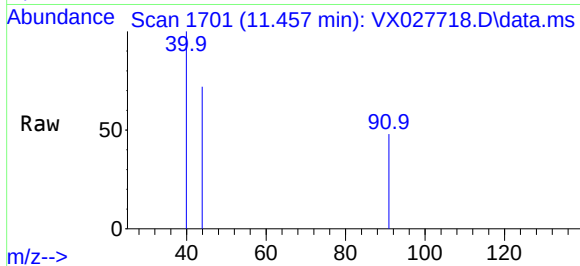




#82
4-Chlorotoluene
Concen: 0.017 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

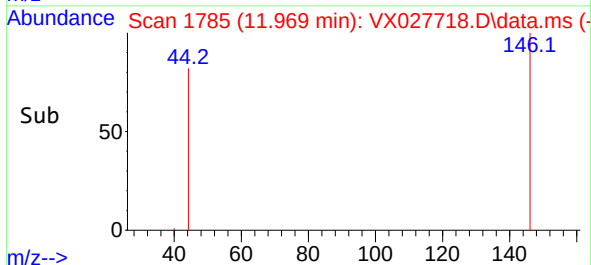
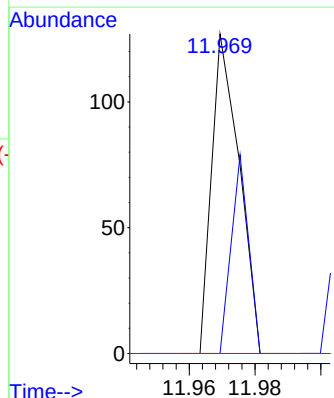
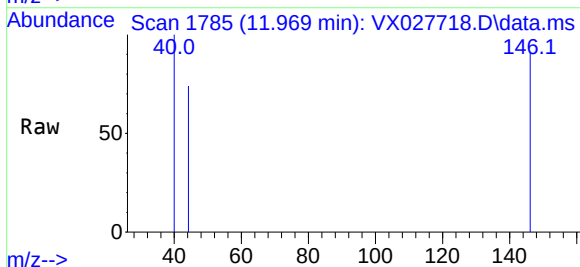
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

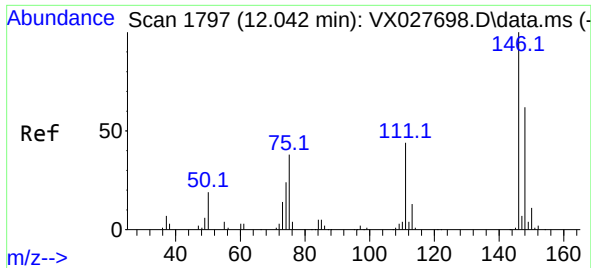
Tgt Ion: 91 Resp: 47
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#



#87
1,3-Dichlorobenzene
Concen: 0.054 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

Tgt Ion:146 Resp: 74
Ion Ratio Lower Upper
146 100
111 39.2 19.7 59.1
148 0.0 31.6 94.7#

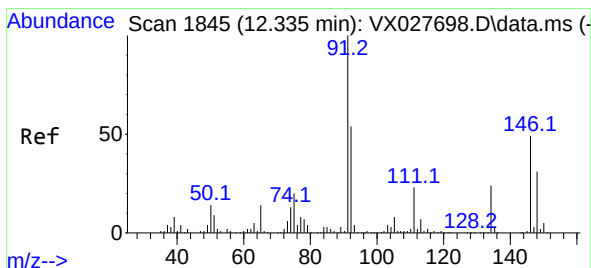
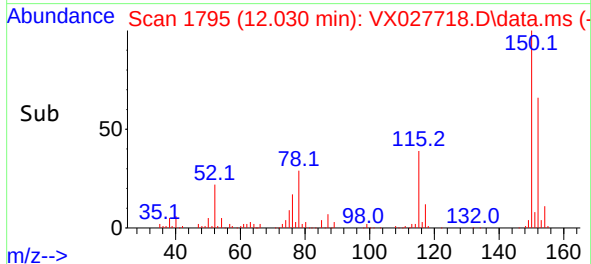
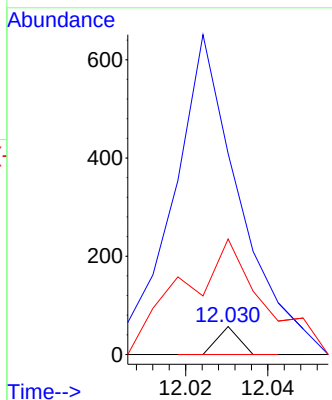
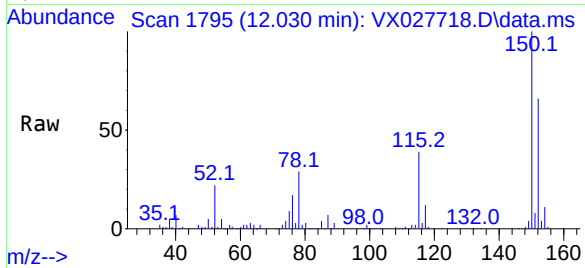




#88
1,4-Dichlorobenzene
Concen: 0.015 ug/l
RT: 12.030 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

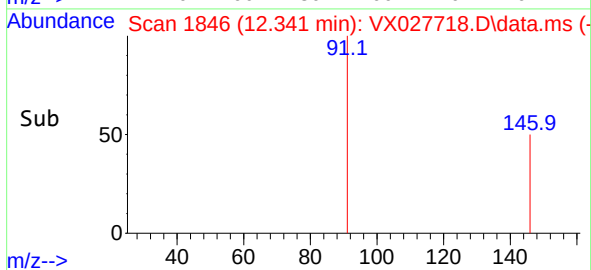
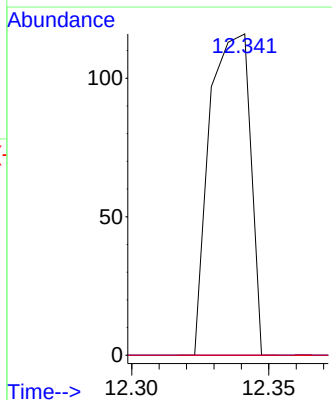
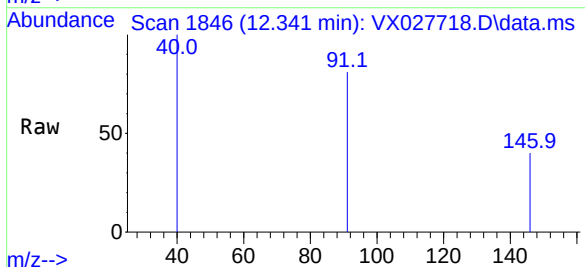
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

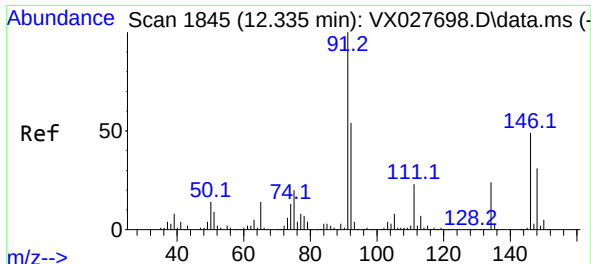
Tgt Ion:146 Resp: 21
Ion Ratio Lower Upper
146 100
111 3495.2 19.2 57.6#
148 1528.6 32.3 96.9#



#89
n-Butylbenzene
Concen: 0.047 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

Tgt Ion: 91 Resp: 119
Ion Ratio Lower Upper
91 100
92 0.0 27.8 83.3#
134 0.0 13.3 39.8#

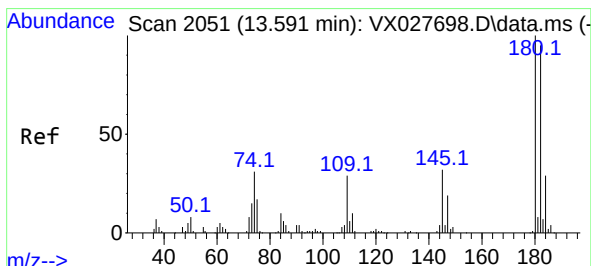
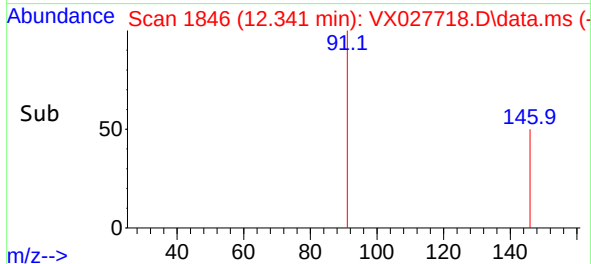
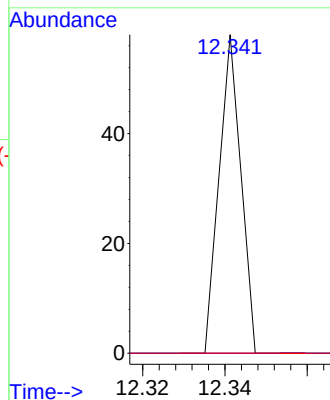
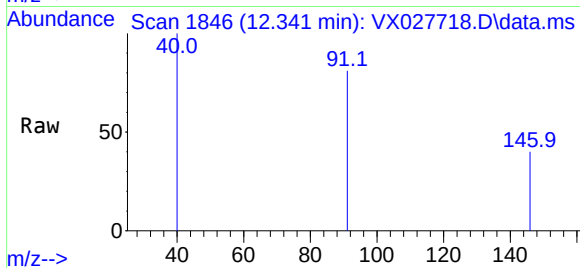




#91
1,2-Dichlorobenzene
Concen: 0.016 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

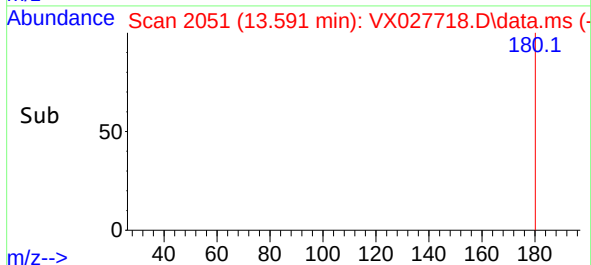
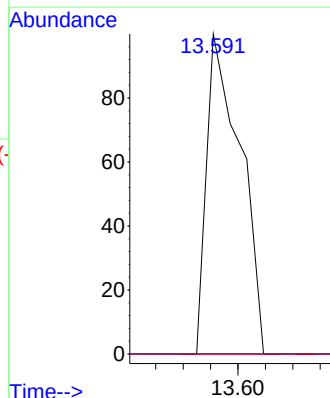
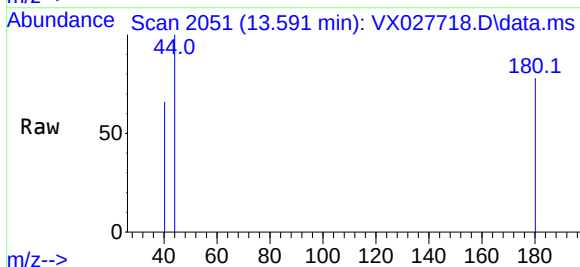
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

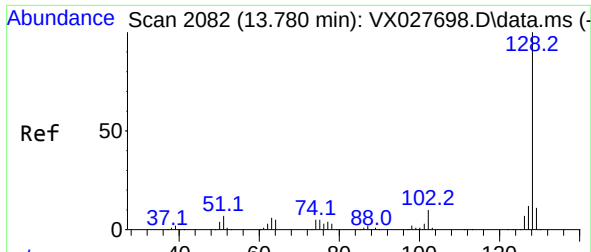
Tgt Ion:146 Resp: 21
Ion Ratio Lower Upper
146 100
111 0.0 21.0 63.0#
148 0.0 32.6 97.7#



#93
1,2,4-Trichlorobenzene
Concen: 0.109 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

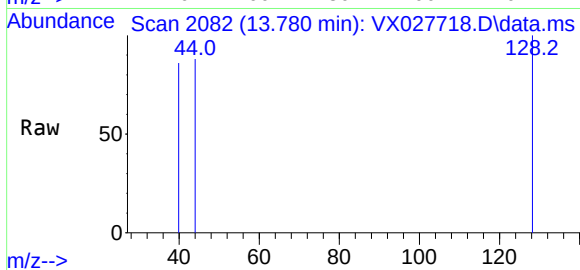
Tgt Ion:180 Resp: 85
Ion Ratio Lower Upper
180 100
182 0.0 47.7 143.1#
145 0.0 15.2 45.5#





#95
Naphthalene
Concen: 0.060 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX027718.D
Acq: 26 Mar 2022 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01



Tgt Ion:	128	Resp:	172
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.7	13.1#

