

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030922\
 Data File : VX027362.D
 Acq On : 09 Mar 2022 20:11
 Operator : JC/MD
 Sample : N1814-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 10 00:37:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

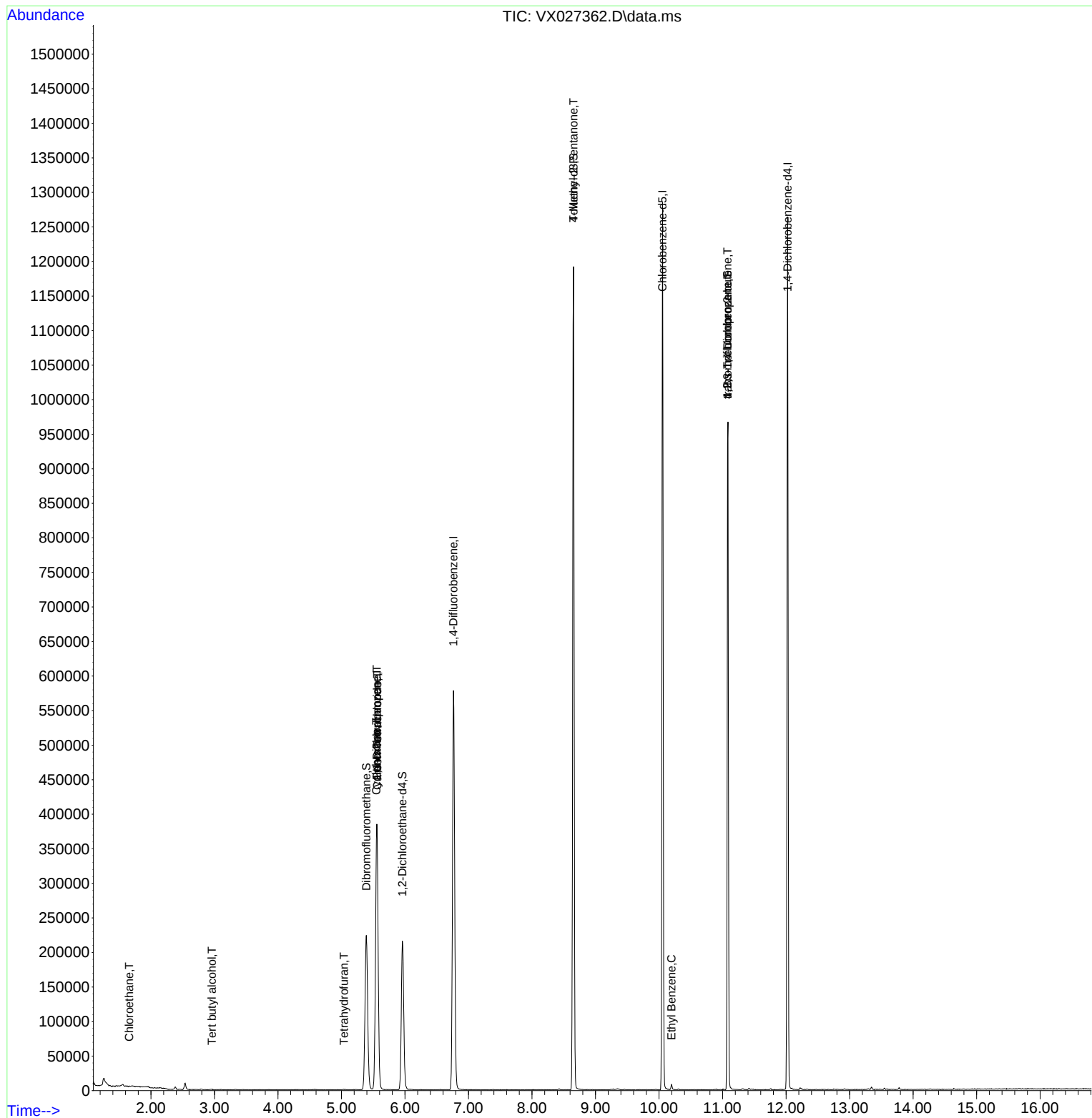
Internal Standards						
1) Pentafluorobenzene	5.556	168	394187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	639422	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	597727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	275250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	206186	44.854	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.700%		
35) Dibromofluoromethane	5.391	113	203296	49.273	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.540%		
50) Toluene-d8	8.653	98	755364	48.494	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.980%		
62) 4-Bromofluorobenzene	11.079	95	273928	46.141	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.280%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	429	Below Cal	#	66
6) Chloroethane	1.654	64	174	0.519	ug/l	90
11) Tert butyl alcohol	2.959	59	615	0.682	ug/l #	72
16) Acetone	2.380	43	3682	Below Cal	#	81
29) Tetrahydrofuran	5.038	42	519	0.248	ug/l #	52
31) Cyclohexane	5.550	56	6117	0.951	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	25569	4.464	ug/l #	50
38) Carbon Tetrachloride	5.562	117	37537	6.337	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	2396	0.393	ug/l #	1
67) Ethyl Benzene	10.195	91	4516	0.208	ug/l #	83
76) 1,2,3-Trichloropropane	11.079	75	125129	20.720	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	125129	67.010	ug/l #	15

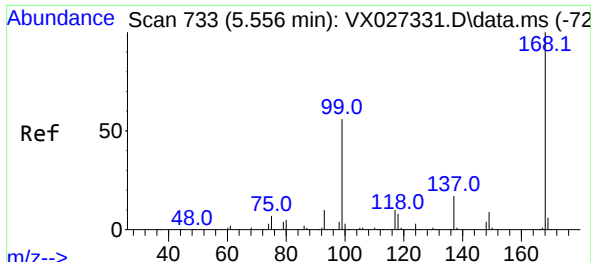
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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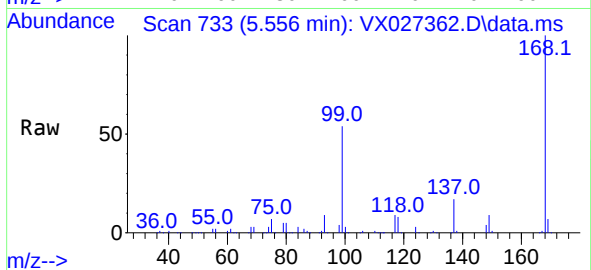
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration



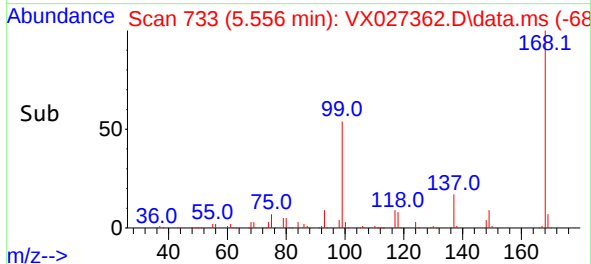
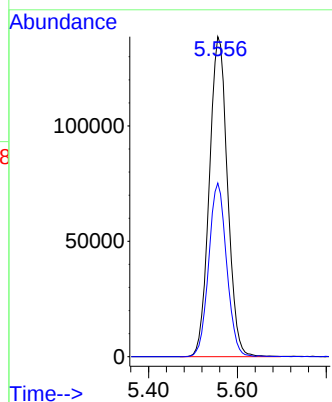


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027362.D
Acq: 09 Mar 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :

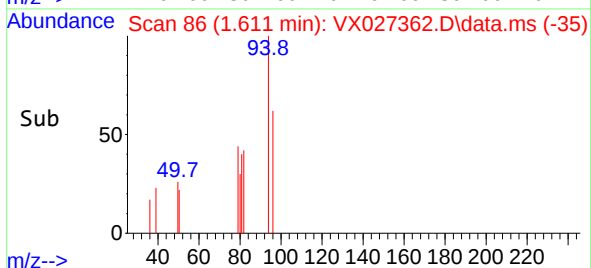
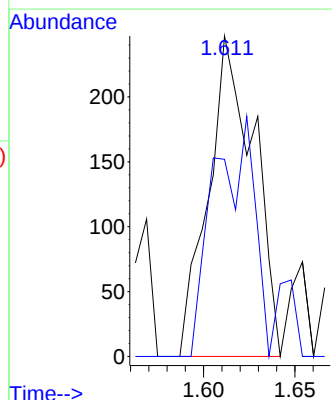
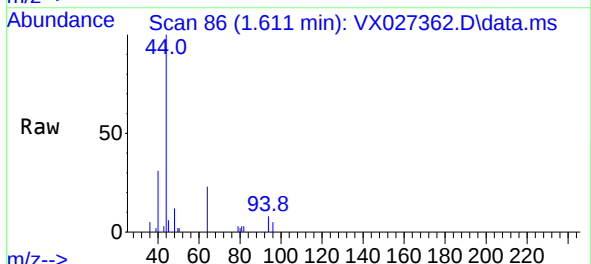


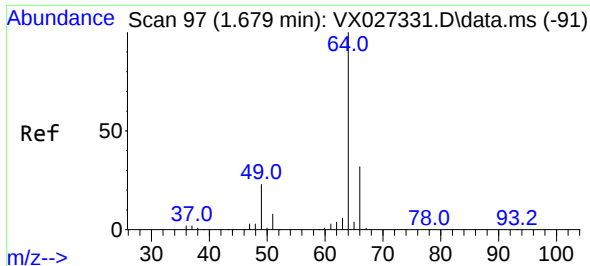
Tgt Ion:168 Resp: 394187
Ion Ratio Lower Upper
168 100
99 54.3 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027362.D
Acq: 09 Mar 2022 20:11

Tgt Ion: 94 Resp: 429
Ion Ratio Lower Upper
94 100
96 61.5 75.3 112.9#

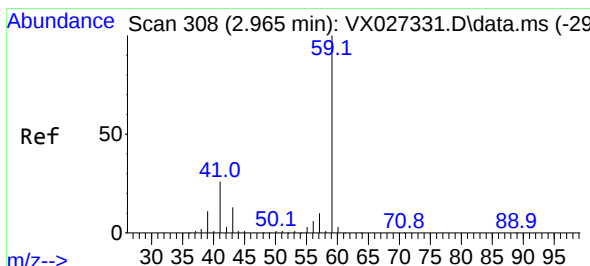
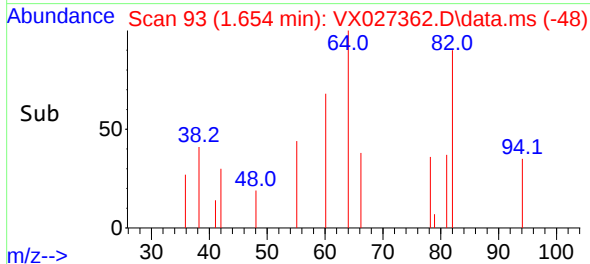
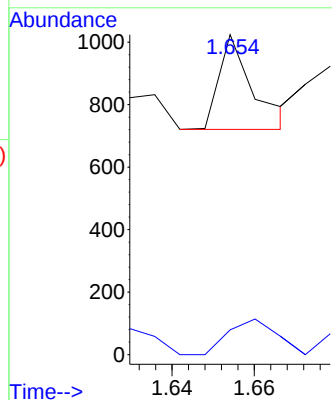
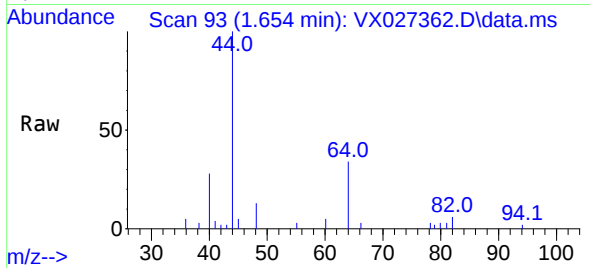




#6
Chloroethane
Concen: 0.519 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.025 min
Lab File: VX027362.D
Acq: 09 Mar 2022 20:11

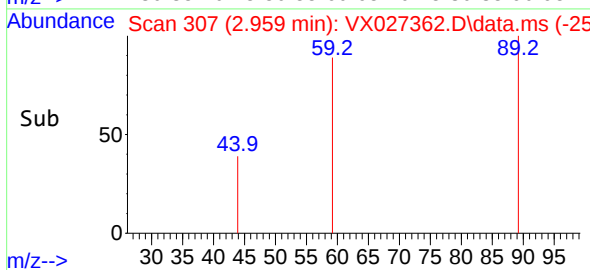
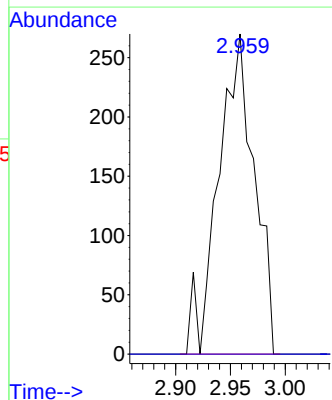
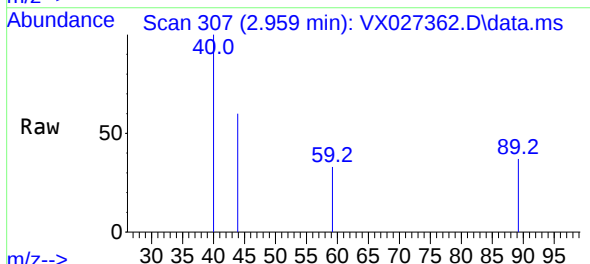
Instrument :
MSVOA_X
ClientSampleId :

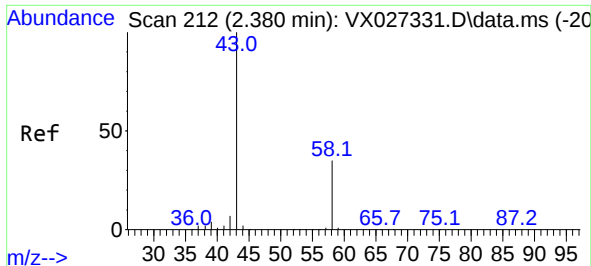
Tgt Ion: 64 Resp: 174
Ion Ratio Lower Upper
64 100
66 26.1 25.3 37.9



#11
Tert butyl alcohol
Concen: 0.682 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX027362.D
Acq: 09 Mar 2022 20:11

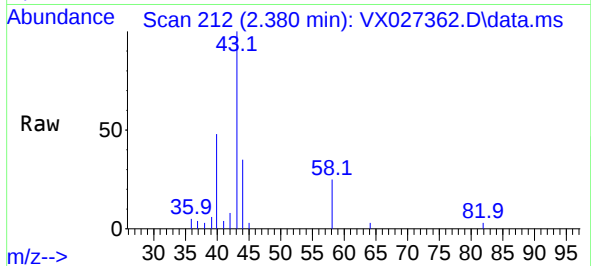
Tgt Ion: 59 Resp: 615
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



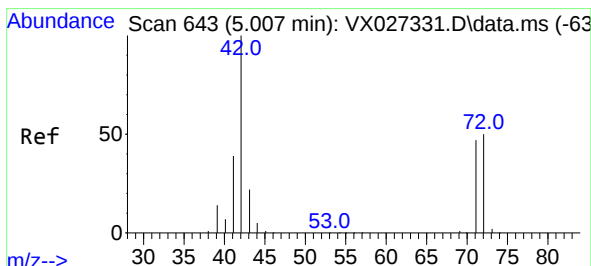
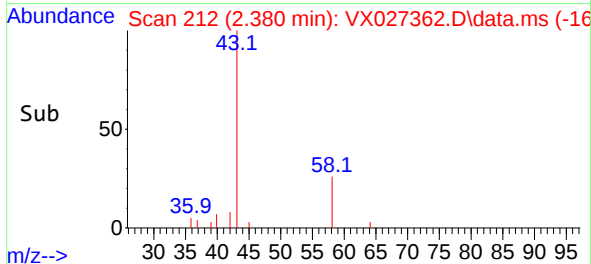
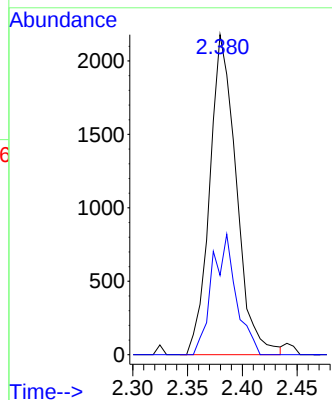


#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027362.D
Acq: 09 Mar 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :

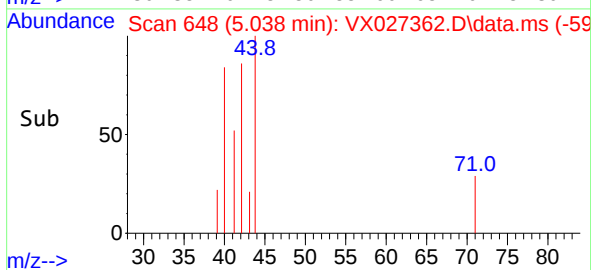
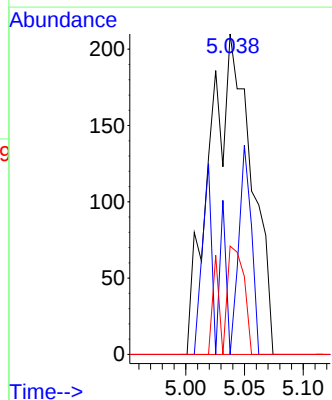
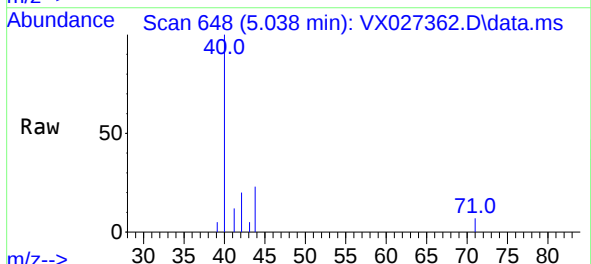


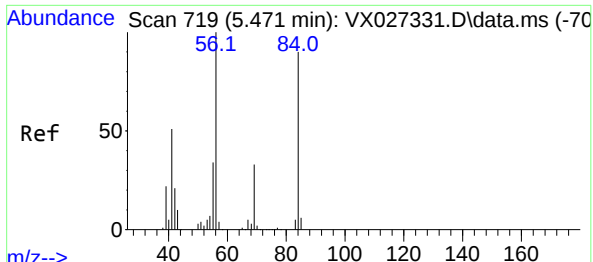
Tgt Ion: 43 Resp: 3682
Ion Ratio Lower Upper
43 100
58 24.8 28.8 43.2#



#29
Tetrahydrofuran
Concen: 0.248 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.031 min
Lab File: VX027362.D
Acq: 09 Mar 2022 20:11

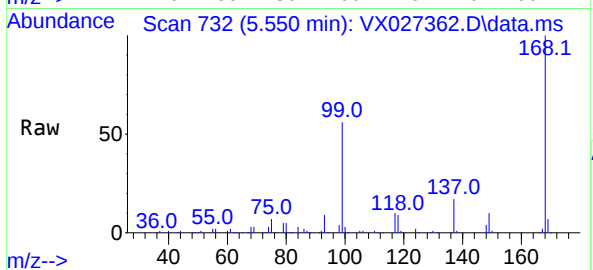
Tgt Ion: 42 Resp: 519
Ion Ratio Lower Upper
42 100
72 19.5 44.1 66.1#
71 17.9 40.5 60.7#



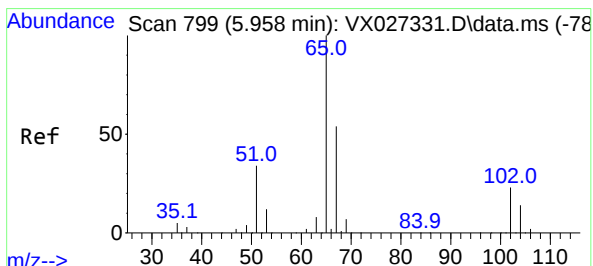
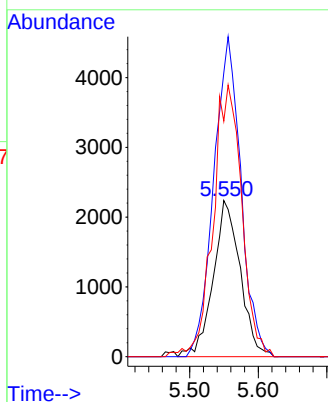
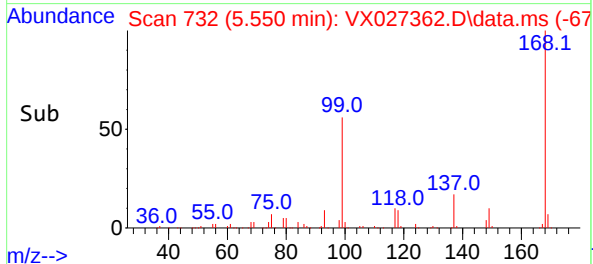


#31
Cyclohexane
Concen: 0.951 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027362.D
Acq: 09 Mar 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :

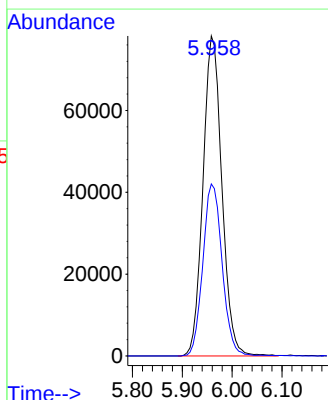
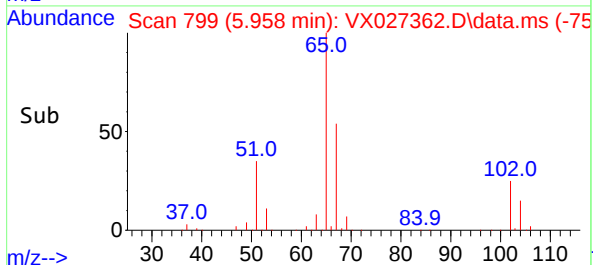
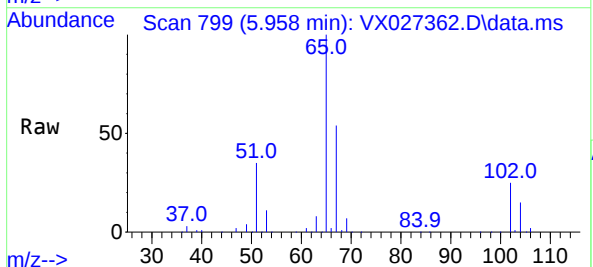


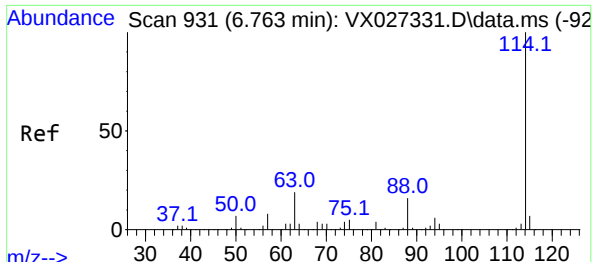
Tgt Ion: 56 Resp: 6117
Ion Ratio Lower Upper
56 100
69 181.8 26.7 40.1#
84 150.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 44.854 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027362.D
Acq: 09 Mar 2022 20:11

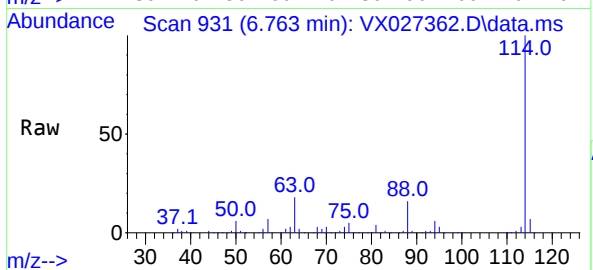
Tgt Ion: 65 Resp: 206186
Ion Ratio Lower Upper
65 100
67 54.7 0.0 107.4





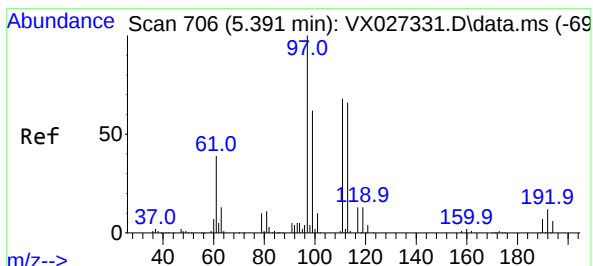
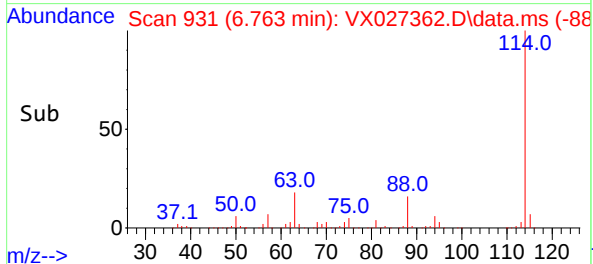
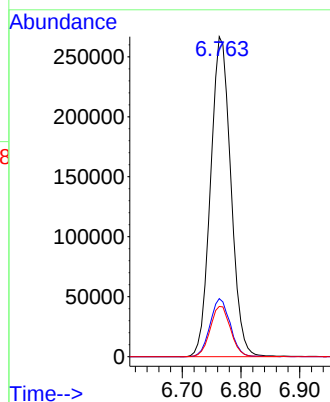
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX027362.D
Acq: 09 Mar 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:114 Resp: 639422

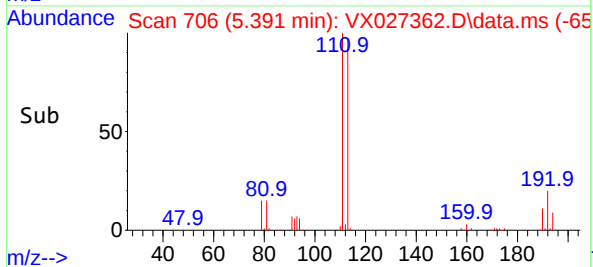
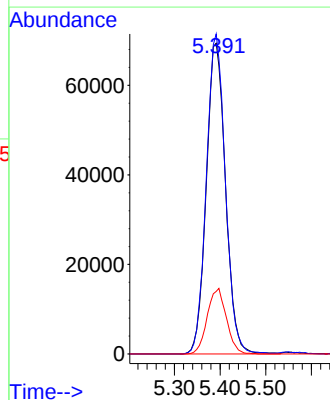
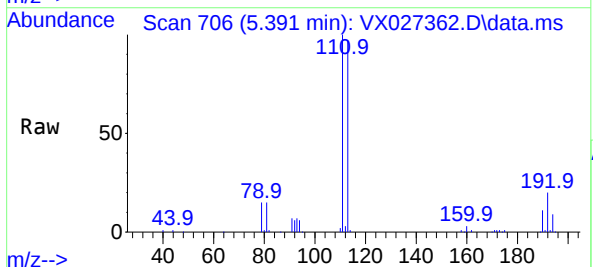
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	36.8
88	15.7	0.0	32.4

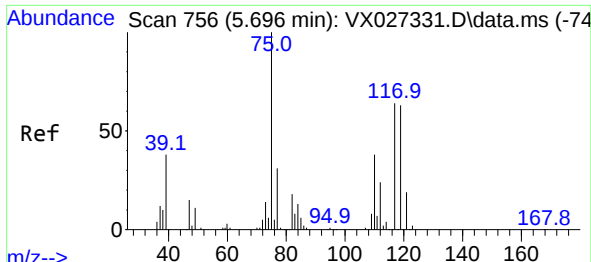


#35
Dibromofluoromethane
Concen: 49.273 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027362.D
Acq: 09 Mar 2022 20:11

Tgt Ion:113 Resp: 203296

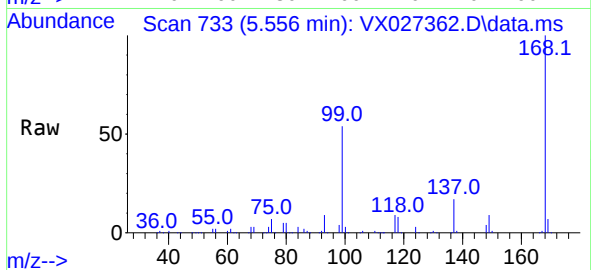
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.8	124.2
192	21.0	16.9	25.3



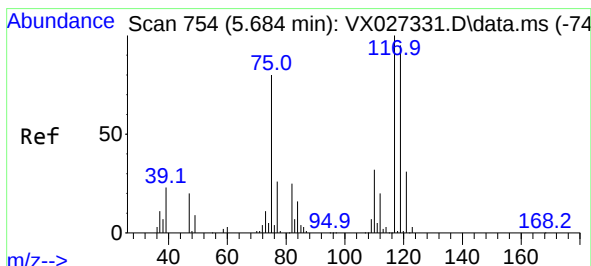
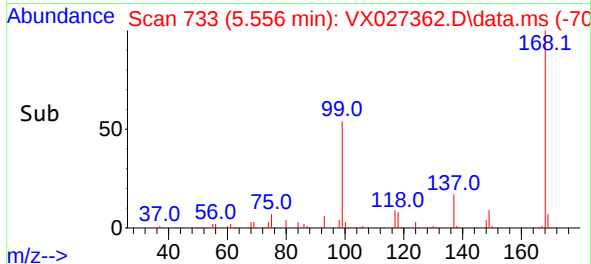
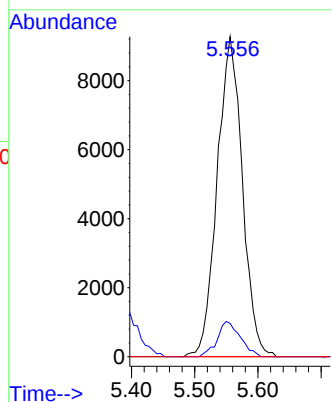


#36
1,1-Dichloropropene
Concen: 4.464 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027362.D
Acq: 09 Mar 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :

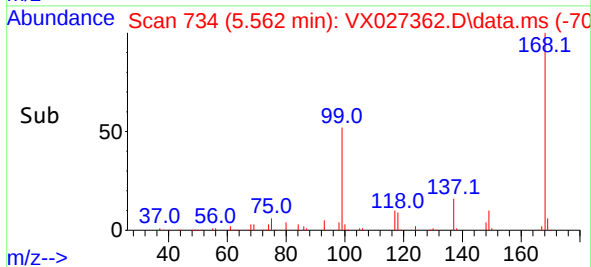
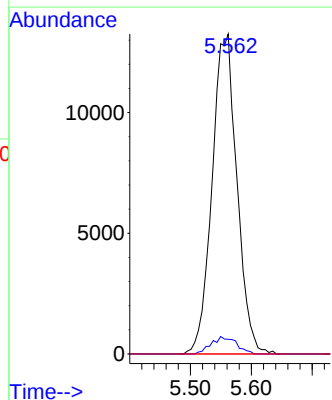
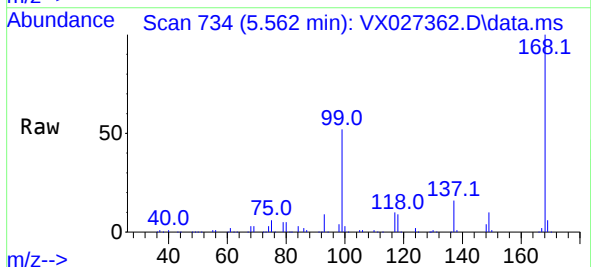


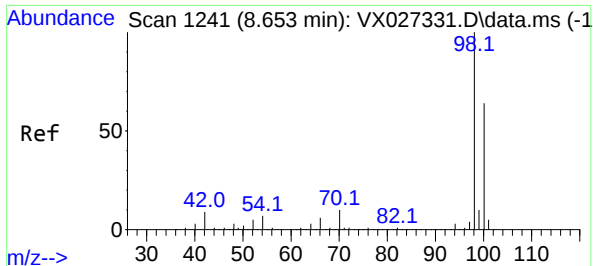
Tgt Ion: 75 Resp: 25569
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.337 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX027362.D
Acq: 09 Mar 2022 20:11

Tgt Ion: 117 Resp: 37537
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 48.494 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027362.D

Acq: 09 Mar 2022 20:11

Instrument :

MSVOA_X

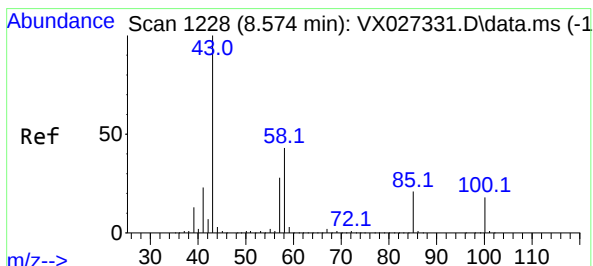
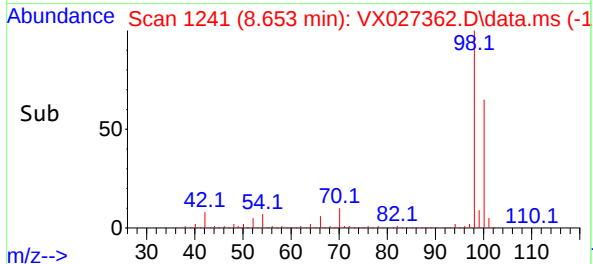
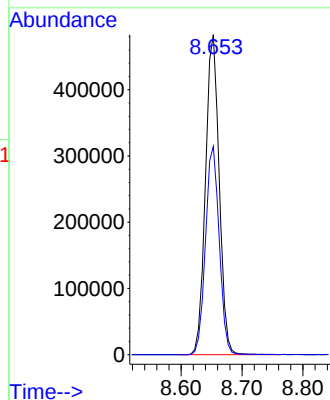
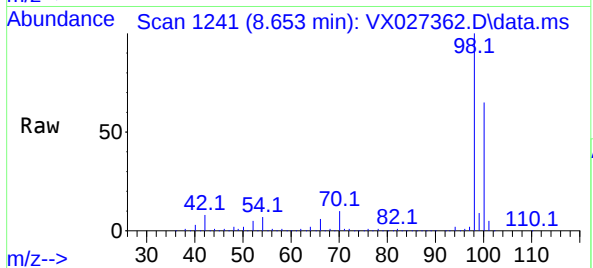
ClientSampleId :

Tgt Ion: 98 Resp: 755364

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.393 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX027362.D

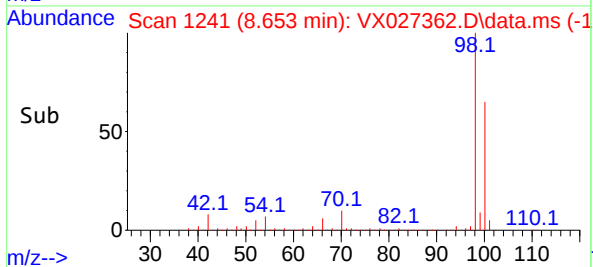
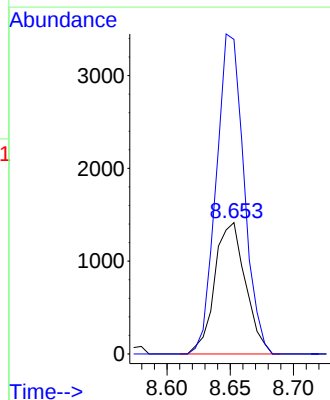
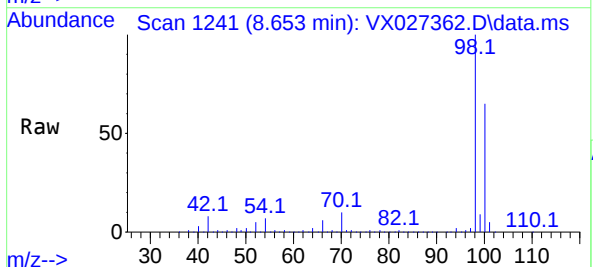
Acq: 09 Mar 2022 20:11

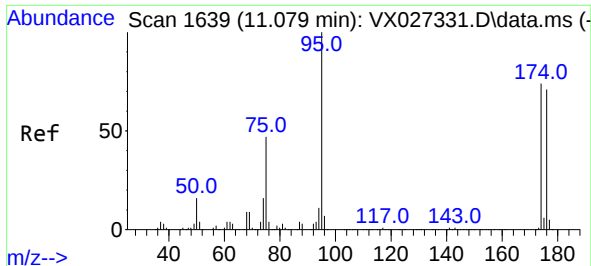
Tgt Ion: 43 Resp: 2396

Ion Ratio Lower Upper

43 100

58 219.7 36.1 54.1#

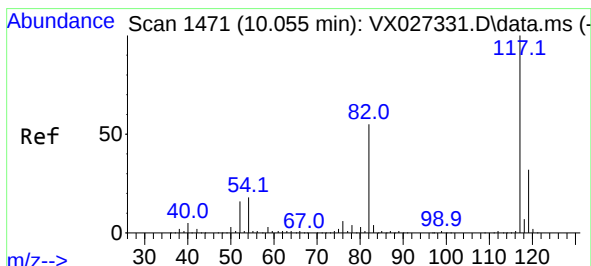
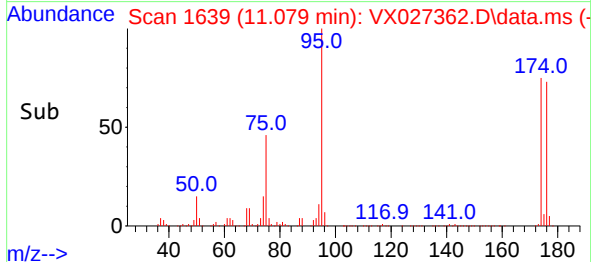
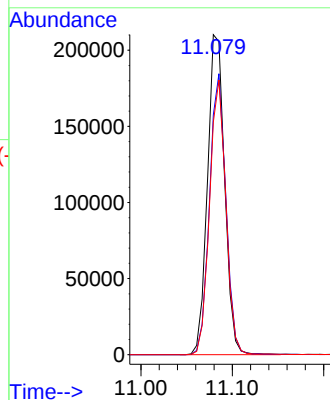
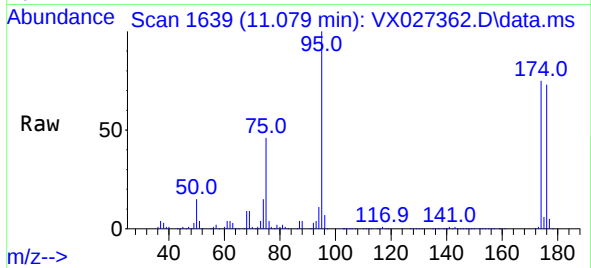




#62
4-Bromofluorobenzene
Concen: 46.141 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027362.D
Acq: 09 Mar 2022 20:11

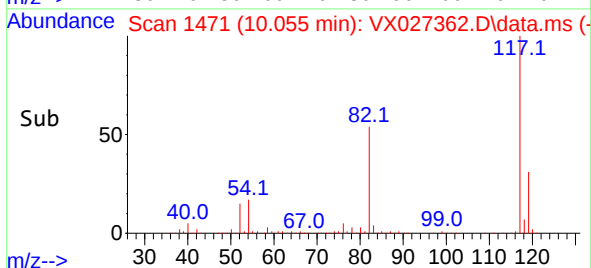
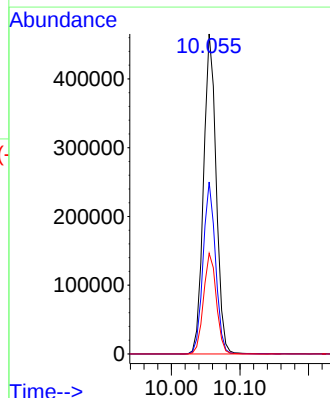
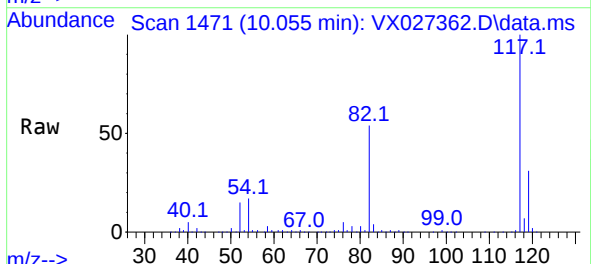
Instrument :
MSVOA_X
ClientSampleId :

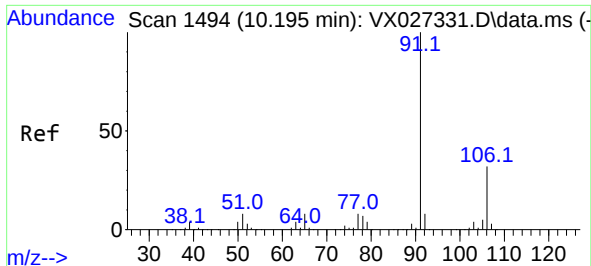
Tgt Ion: 95 Resp: 273928
Ion Ratio Lower Upper
95 100
174 83.6 0.0 163.0
176 81.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027362.D
Acq: 09 Mar 2022 20:11

Tgt Ion: 117 Resp: 597727
Ion Ratio Lower Upper
117 100
82 53.7 41.8 62.8
119 31.5 24.8 37.2

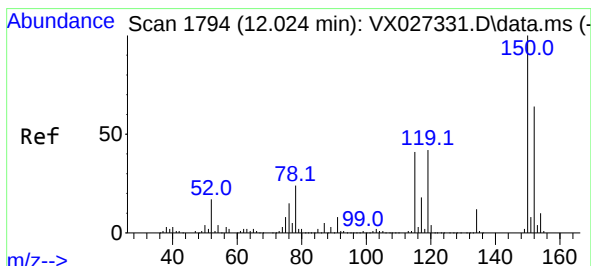
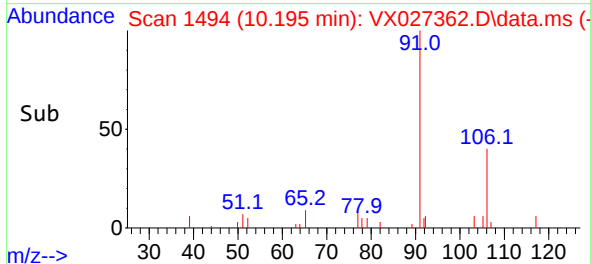
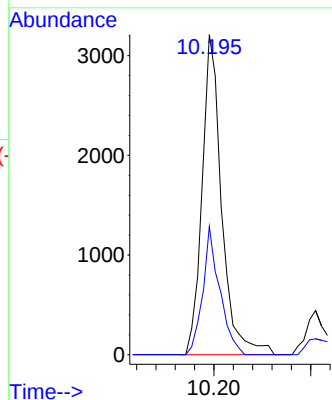
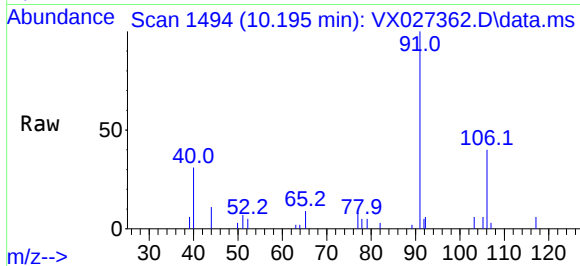




#67
Ethyl Benzene
Concen: 0.208 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027362.D
Acq: 09 Mar 2022 20:11

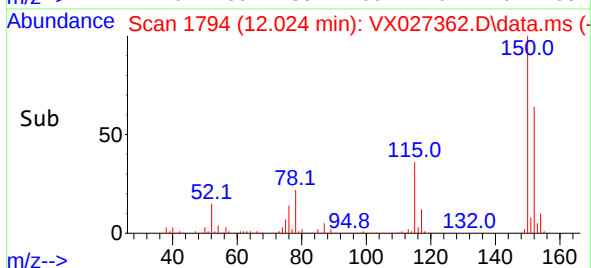
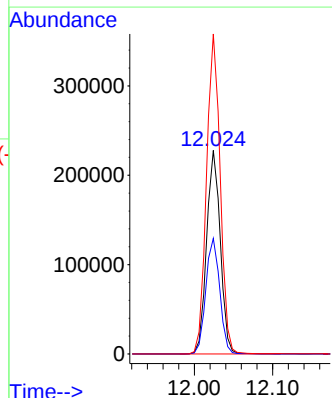
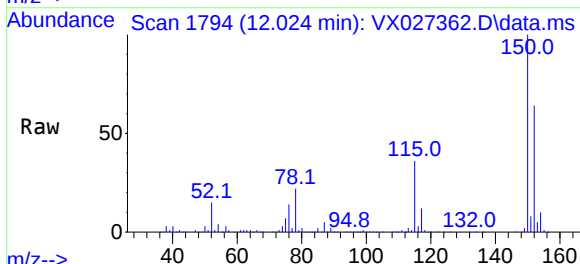
Instrument :
MSVOA_X
ClientSampleId :

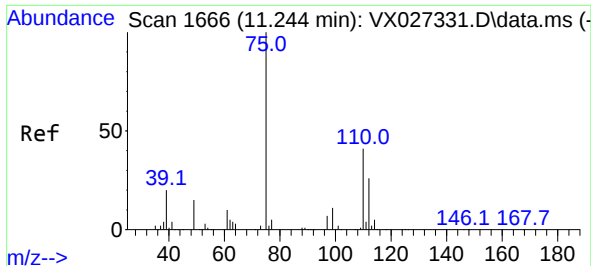
Tgt Ion: 91 Resp: 4516
Ion Ratio Lower Upper
91 100
106 40.1 24.6 36.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027362.D
Acq: 09 Mar 2022 20:11

Tgt Ion:152 Resp: 275250
Ion Ratio Lower Upper
152 100
115 57.9 37.5 112.7
150 157.5 0.0 338.2

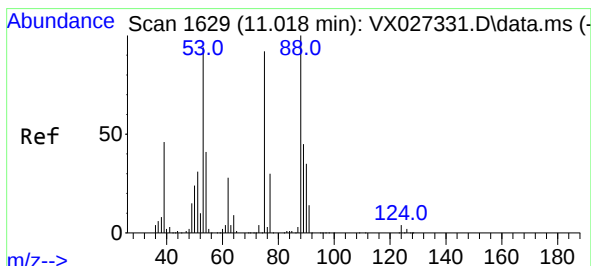
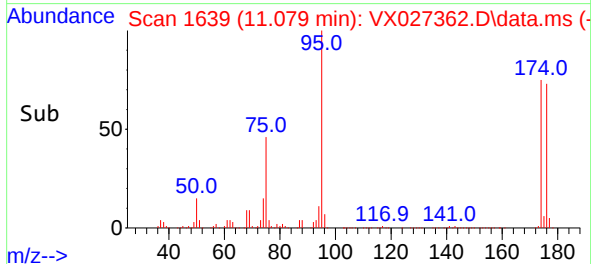
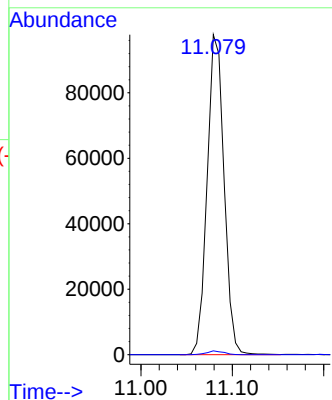
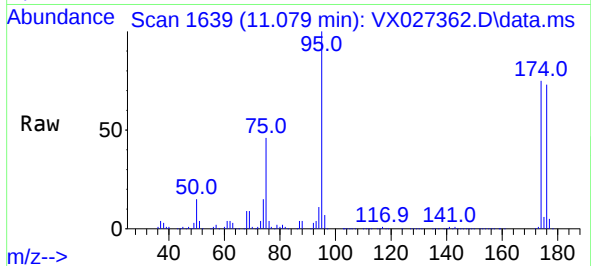




#76
1,2,3-Trichloropropane
Concen: 20.720 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027362.D
Acq: 09 Mar 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 125129
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.010 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027362.D
Acq: 09 Mar 2022 20:11

Tgt Ion: 75 Resp: 125129
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

