

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
 Data File : VX027527.D
 Acq On : 18 Mar 2022 14:55
 Operator : JC/MD
 Sample : N2014-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 19 03:07:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

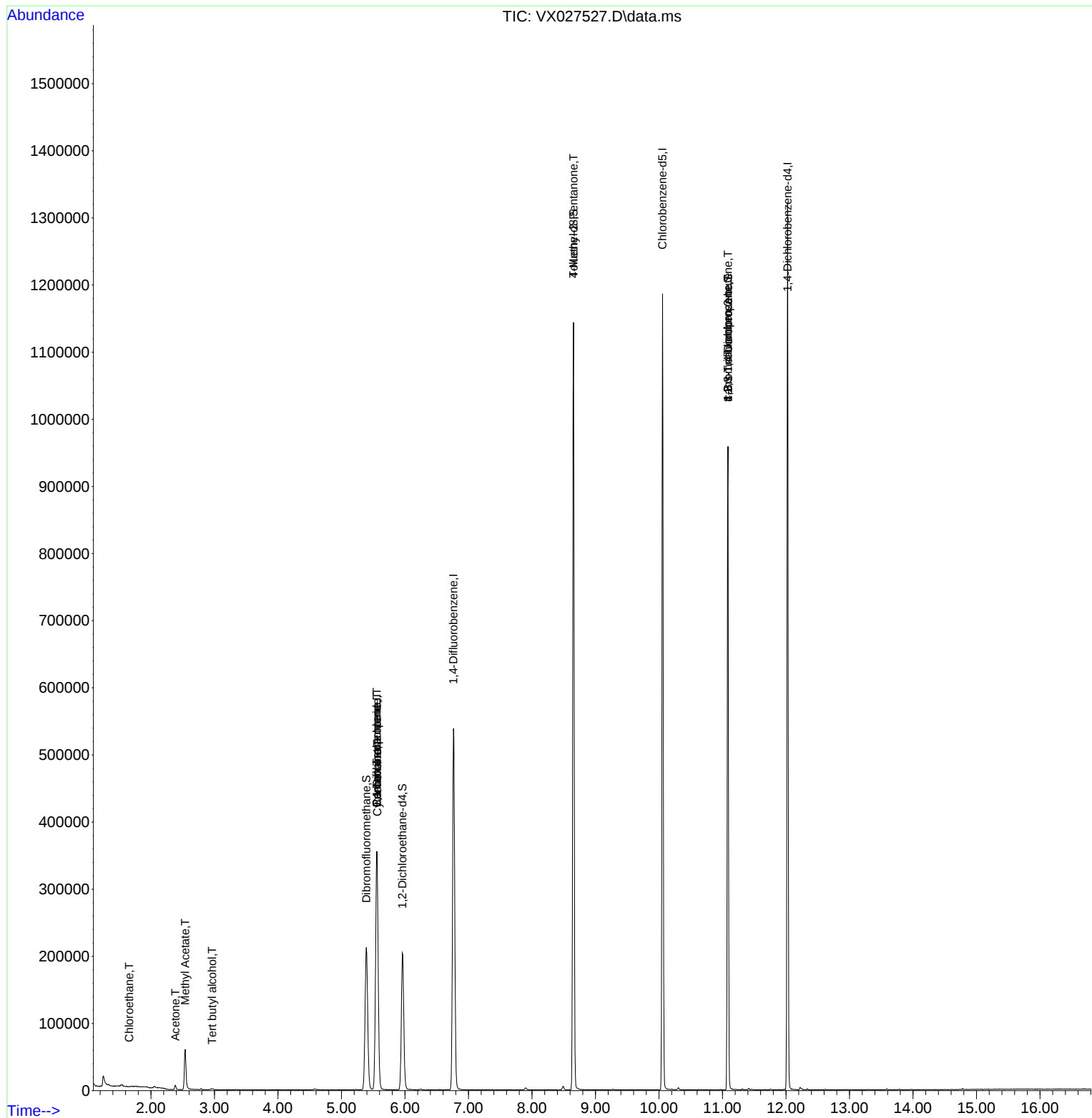
Internal Standards						
1) Pentafluorobenzene	5.556	168	358692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	591982	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	566131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	287405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	198165	44.847	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.700%
35) Dibromofluoromethane	5.391	113	190526	50.024	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.040%
50) Toluene-d8	8.653	98	698046	48.433	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.860%
62) 4-Bromofluorobenzene	11.085	95	263944	49.825	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.660%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	249	Below Cal	#	80
6) Chloroethane	1.654	64	700	0.323	ug/l #	43
11) Tert butyl alcohol	2.965	59	1833	2.177	ug/l #	85
16) Acetone	2.386	43	6591	3.659	ug/l	94
18) Methyl Acetate	2.538	43	17540	4.063	ug/l #	46
31) Cyclohexane	5.562	56	5752	1.048	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23441	4.504	ug/l #	50
38) Carbon Tetrachloride	5.556	117	34927	5.866	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	2318	0.435	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	126410	21.028	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	126410	63.862	ug/l #	15

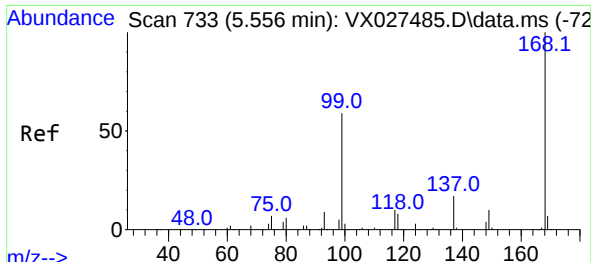
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
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MSVOA_X
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Quant Time: Mar 19 03:07:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

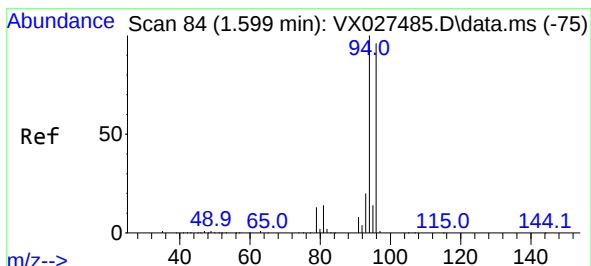
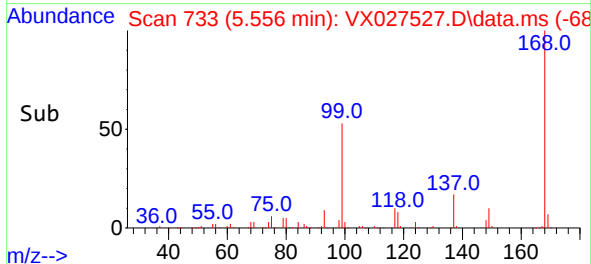
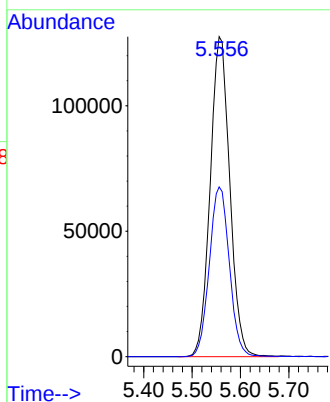
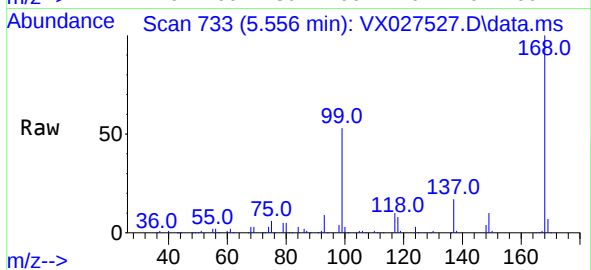




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027527.D
Acq: 18 Mar 2022 14:55

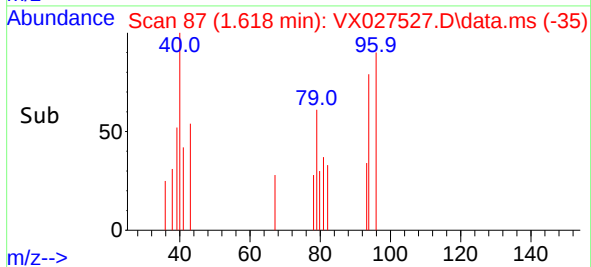
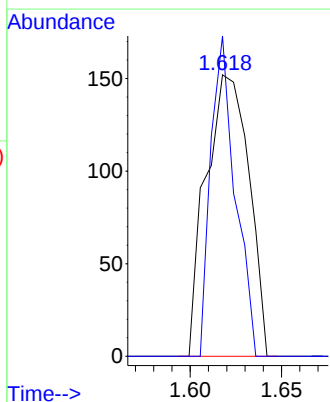
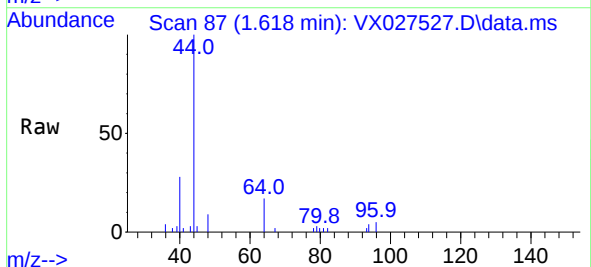
Instrument :
MSVOA_X
ClientSampleId :

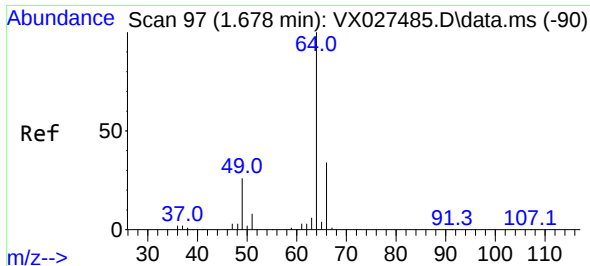
Tgt Ion:168 Resp: 358692
Ion Ratio Lower Upper
168 100
99 53.1 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027527.D
Acq: 18 Mar 2022 14:55

Tgt Ion: 94 Resp: 249
Ion Ratio Lower Upper
94 100
96 113.8 75.3 112.9#

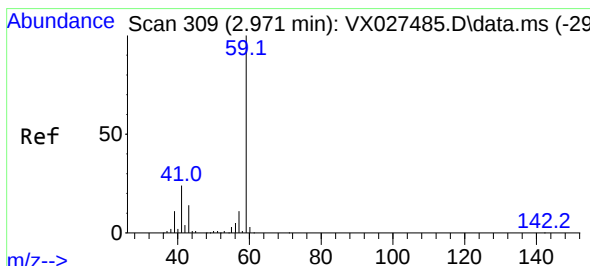
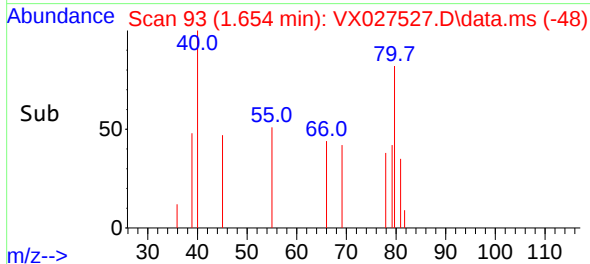
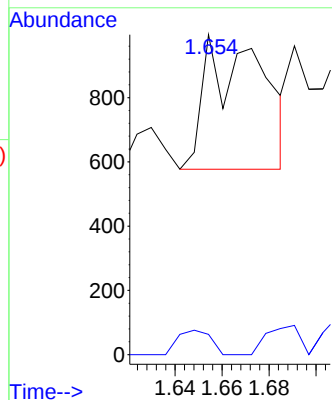
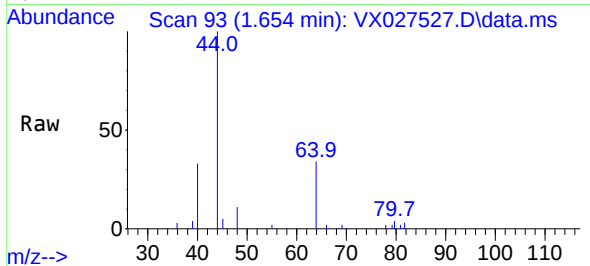




#6
Chloroethane
Concen: 0.323 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.024 min
Lab File: VX027527.D
Acq: 18 Mar 2022 14:55

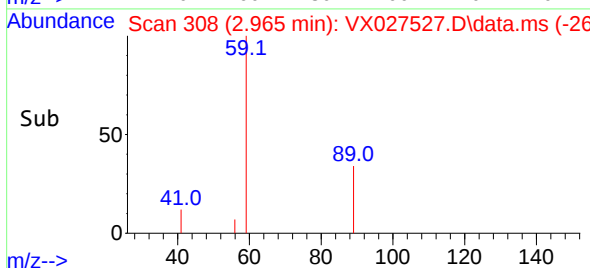
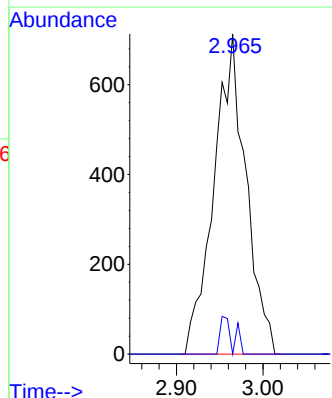
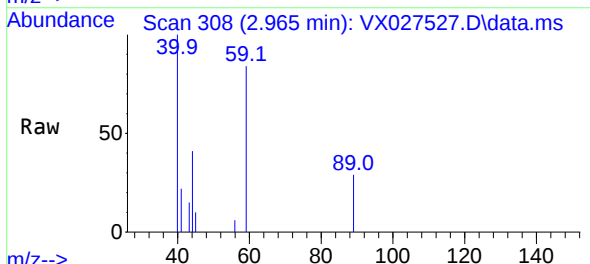
Instrument :
MSVOA_X
ClientSampleId :

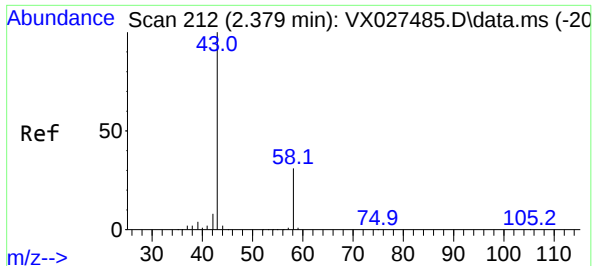
Tgt Ion: 64 Resp: 700
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 2.177 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027527.D
Acq: 18 Mar 2022 14:55

Tgt Ion: 59 Resp: 1833
Ion Ratio Lower Upper
59 100
57 4.6 8.3 12.5#

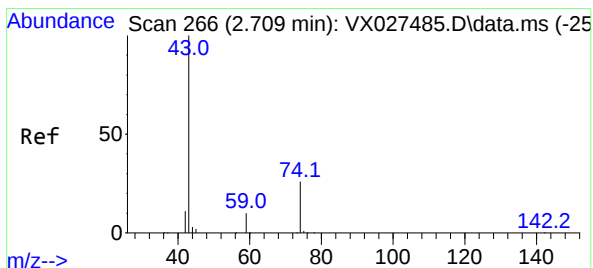
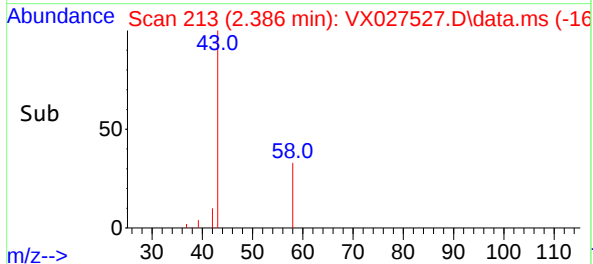
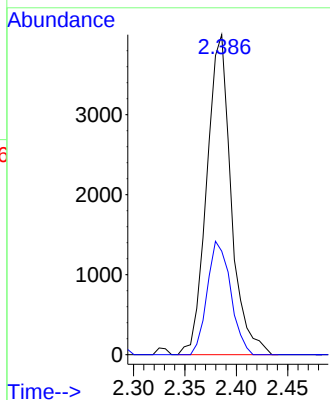
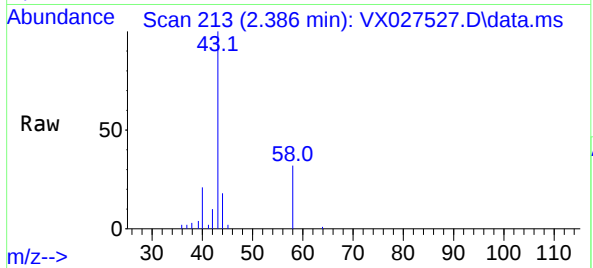




#16
Acetone
Concen: 3.659 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027527.D
Acq: 18 Mar 2022 14:55

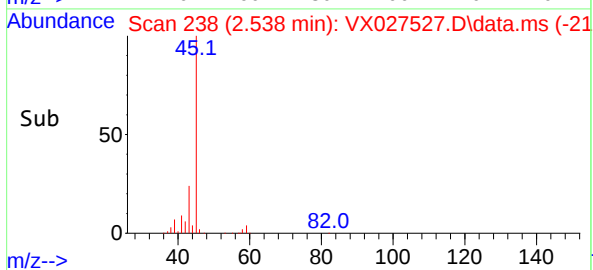
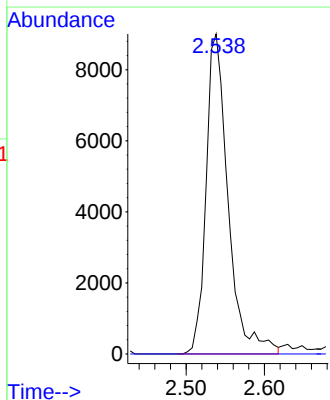
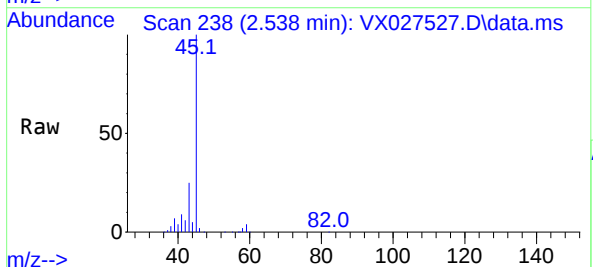
Instrument :
MSVOA_X
ClientSampleId :

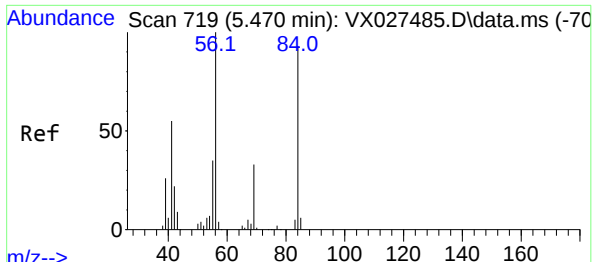
Tgt Ion: 43 Resp: 6591
Ion Ratio Lower Upper
43 100
58 32.4 28.8 43.2



#18
Methyl Acetate
Concen: 4.063 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.170 min
Lab File: VX027527.D
Acq: 18 Mar 2022 14:55

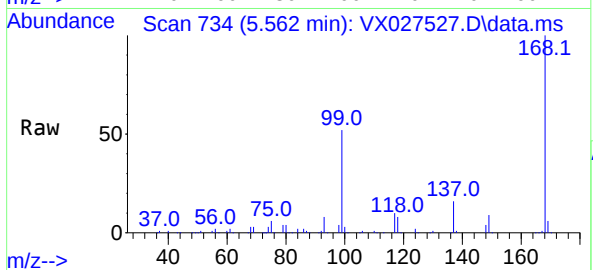
Tgt Ion: 43 Resp: 17540
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



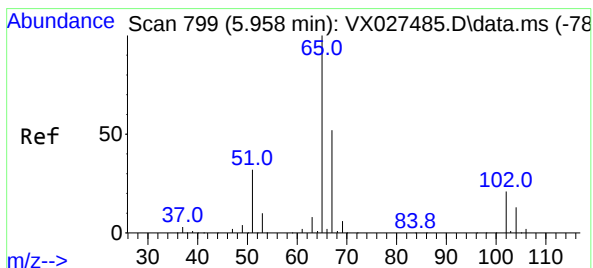
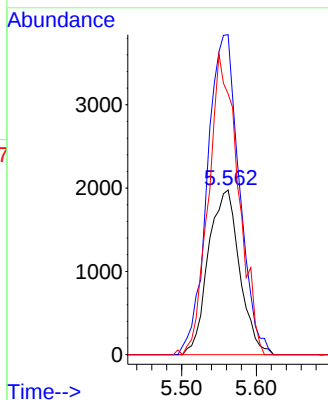
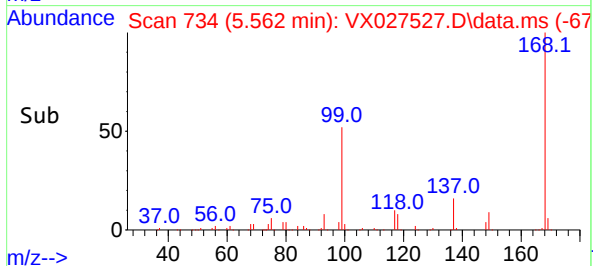


#31
Cyclohexane
Concen: 1.048 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX027527.D
Acq: 18 Mar 2022 14:55

Instrument :
MSVOA_X
ClientSampleId :

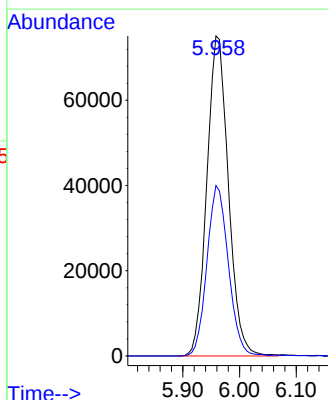
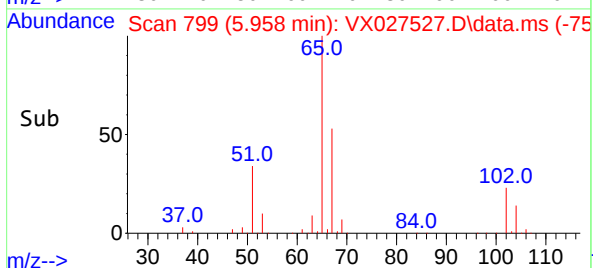
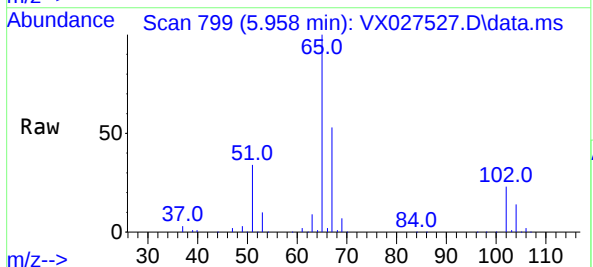


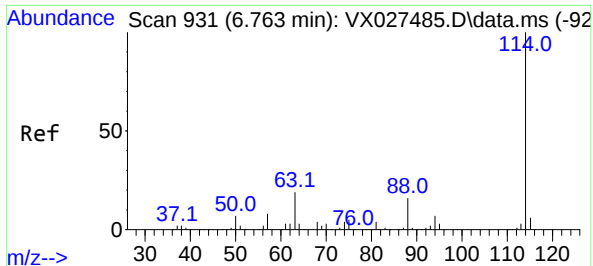
Tgt Ion: 56 Resp: 5752
Ion Ratio Lower Upper
56 100
69 194.3 26.7 40.1#
84 158.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 44.847 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027527.D
Acq: 18 Mar 2022 14:55

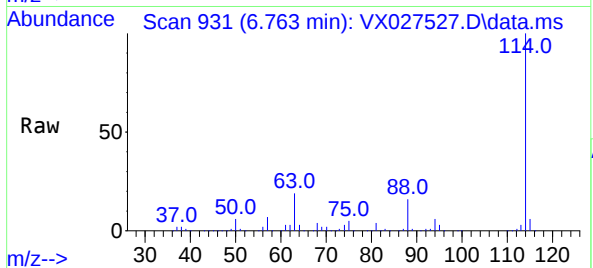
Tgt Ion: 65 Resp: 198165
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.4



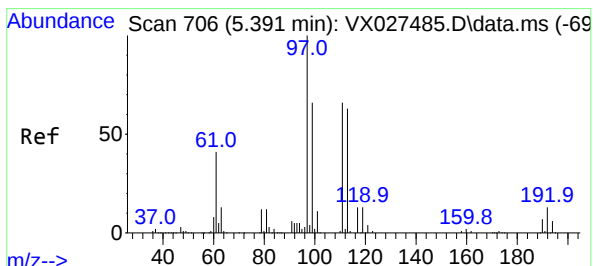
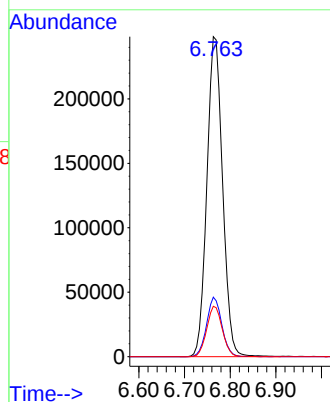
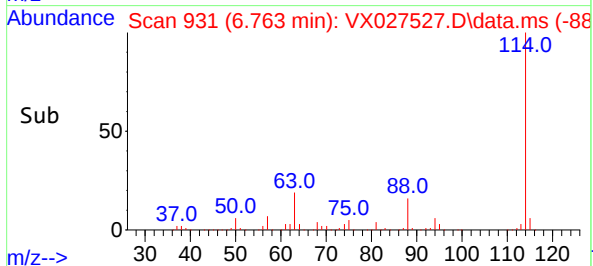


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027527.D
Acq: 18 Mar 2022 14:55

Instrument :
MSVOA_X
ClientSampleId :

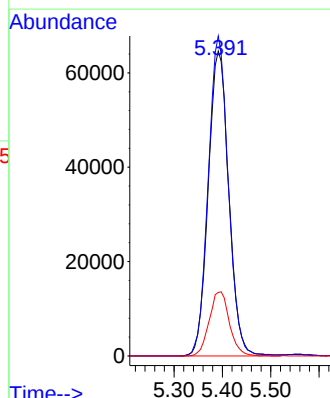
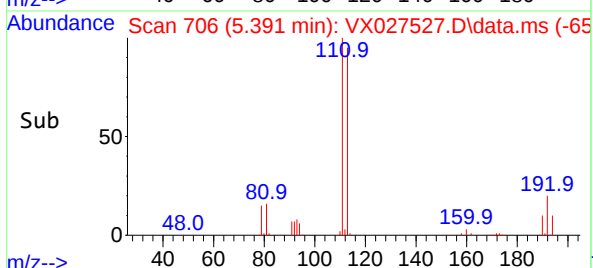
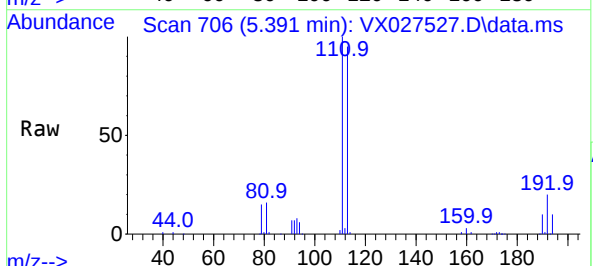


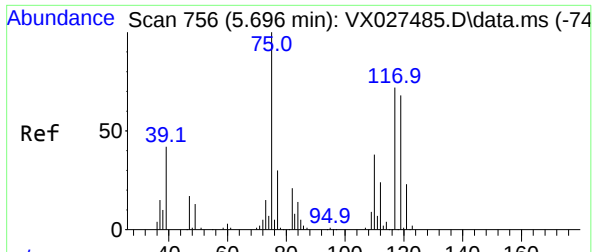
Tgt Ion:114 Resp: 591982
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.8
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.024 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027527.D
Acq: 18 Mar 2022 14:55

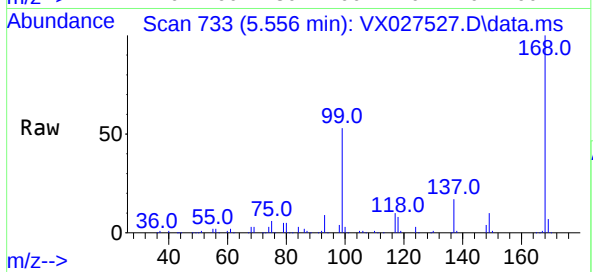
Tgt Ion:113 Resp: 190526
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 20.7 16.9 25.3



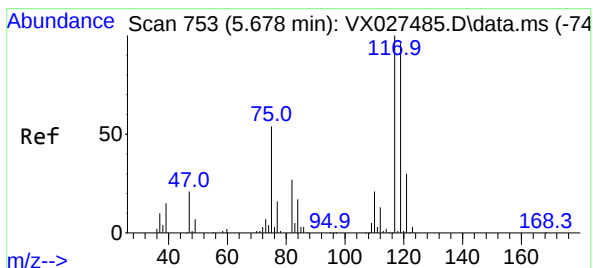
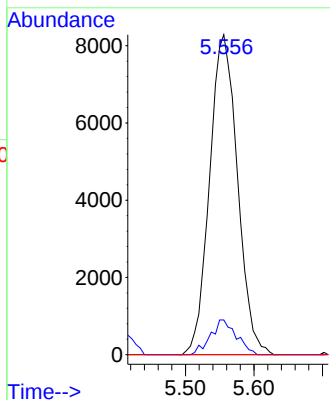
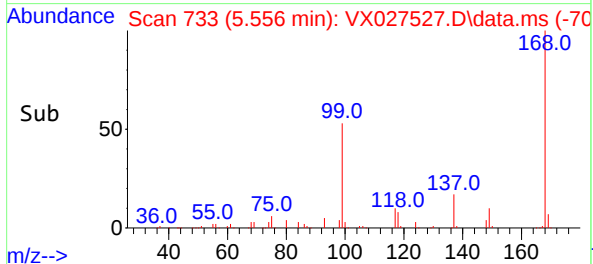


#36
1,1-Dichloropropene
Concen: 4.504 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027527.D
Acq: 18 Mar 2022 14:55

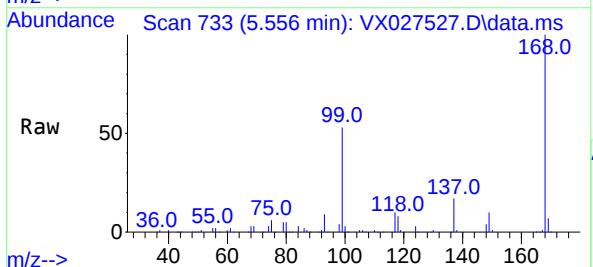
Instrument :
MSVOA_X
ClientSampleId :



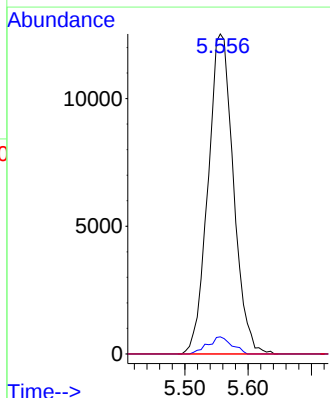
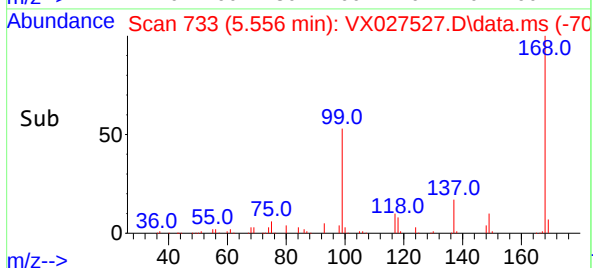
Tgt Ion: 75 Resp: 23441
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 24.8 37.2#

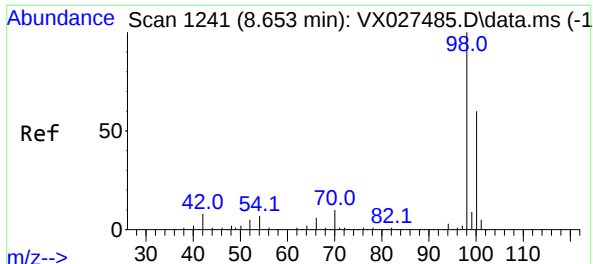


#38
Carbon Tetrachloride
Concen: 5.866 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027527.D
Acq: 18 Mar 2022 14:55



Tgt Ion: 117 Resp: 34927
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 24.2 36.2#

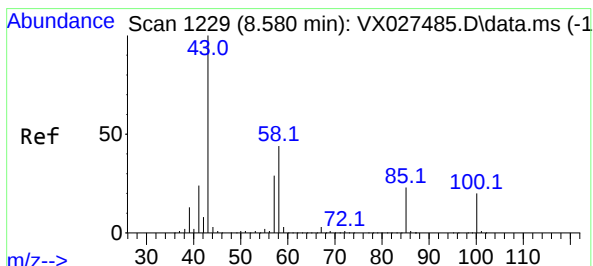
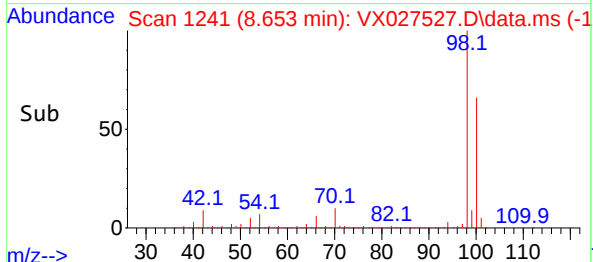
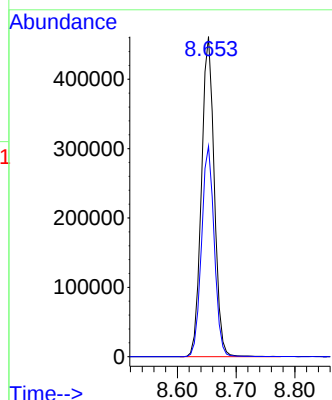
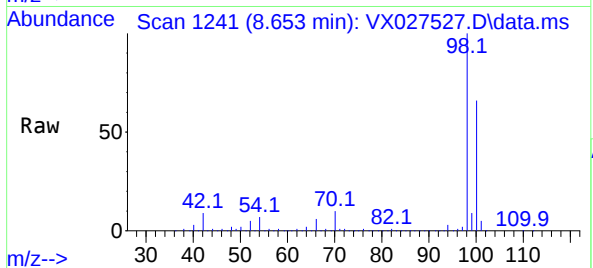




#50
Toluene-d8
Concen: 48.433 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027527.D
Acq: 18 Mar 2022 14:55

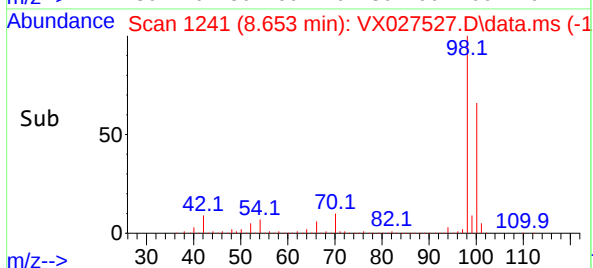
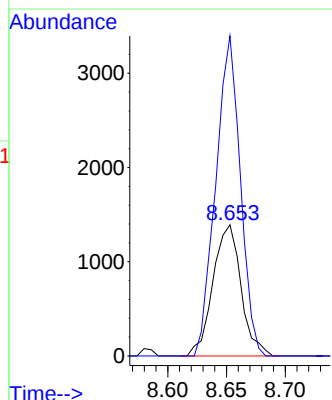
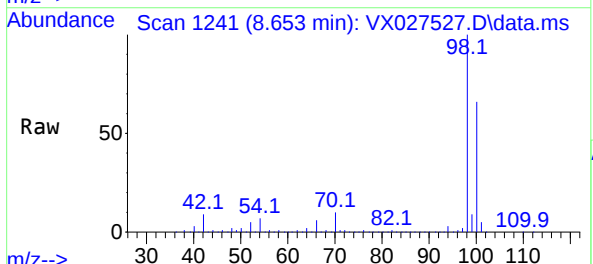
Instrument :
MSVOA_X
ClientSampleId :

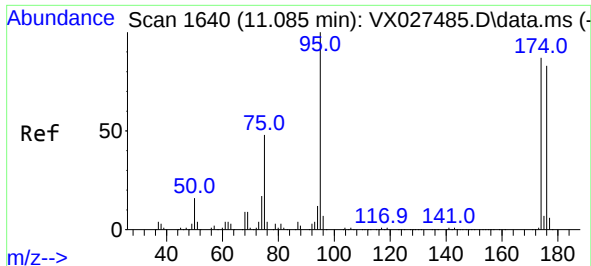
Tgt Ion: 98 Resp: 698046
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.435 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX027527.D
Acq: 18 Mar 2022 14:55

Tgt Ion: 43 Resp: 2318
Ion Ratio Lower Upper
43 100
58 213.7 36.1 54.1#

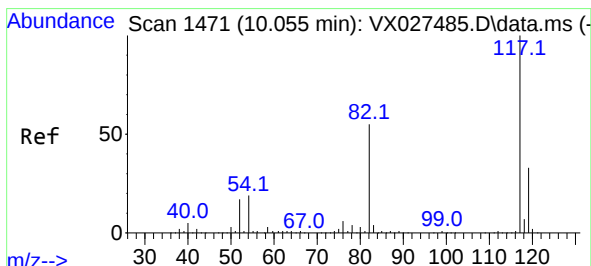
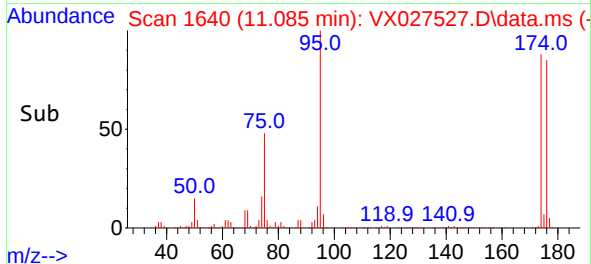
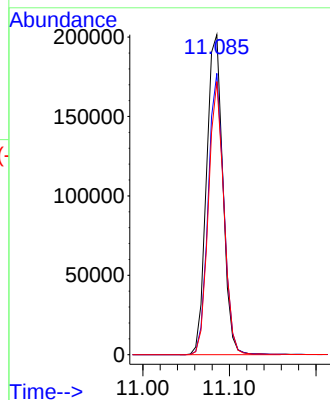
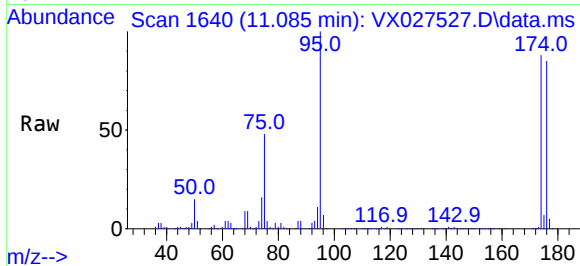




#62
4-Bromofluorobenzene
Concen: 49.825 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027527.D
Acq: 18 Mar 2022 14:55

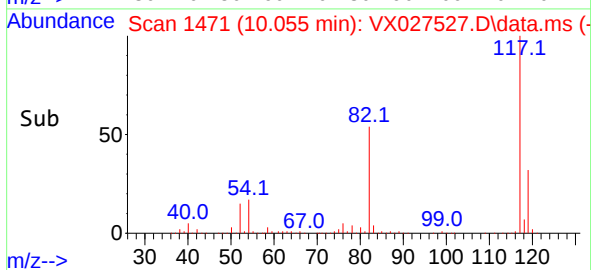
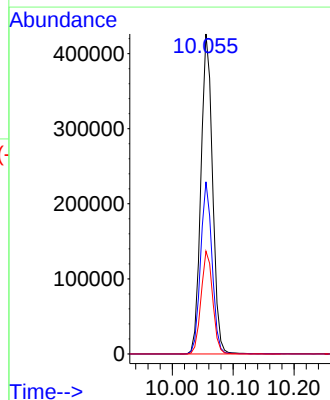
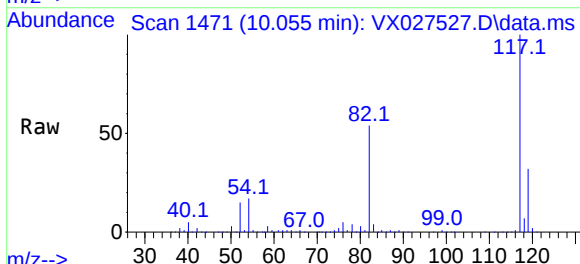
Instrument :
MSVOA_X
ClientSampleId :

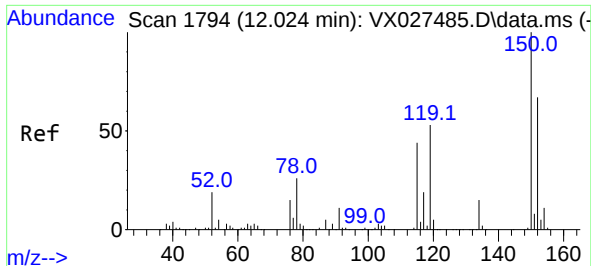
Tgt Ion: 95 Resp: 263944
Ion Ratio Lower Upper
95 100
174 84.0 0.0 163.0
176 80.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027527.D
Acq: 18 Mar 2022 14:55

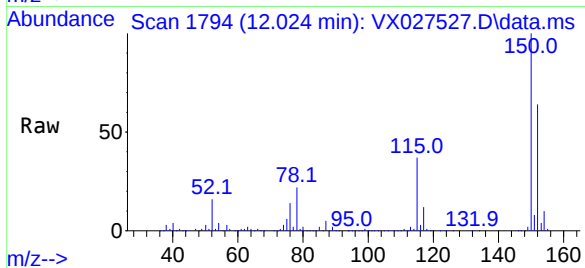
Tgt Ion: 117 Resp: 566131
Ion Ratio Lower Upper
117 100
82 53.8 41.8 62.8
119 32.1 24.8 37.2



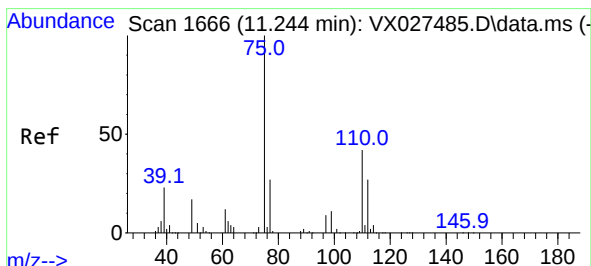
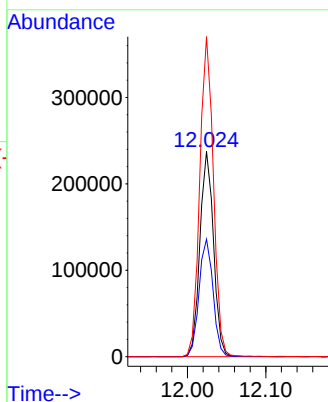
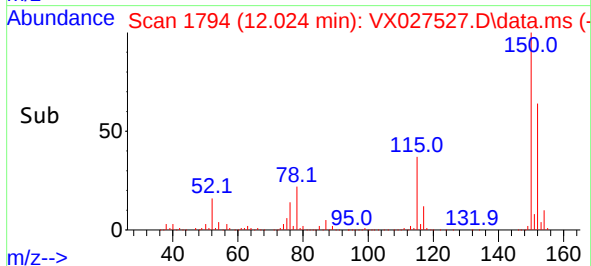


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027527.D
Acq: 18 Mar 2022 14:55

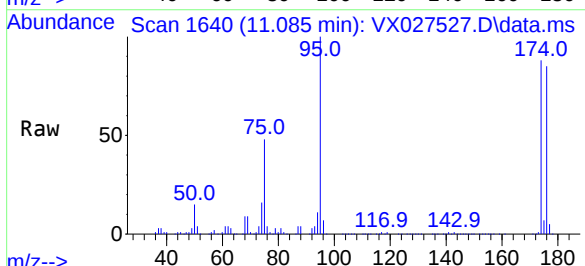
Instrument :
MSVOA_X
ClientSampleId :



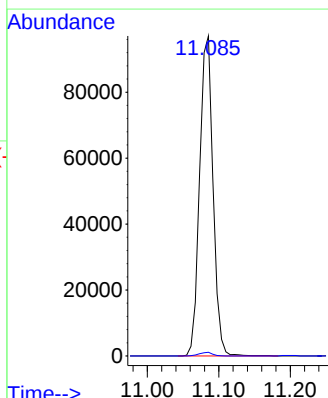
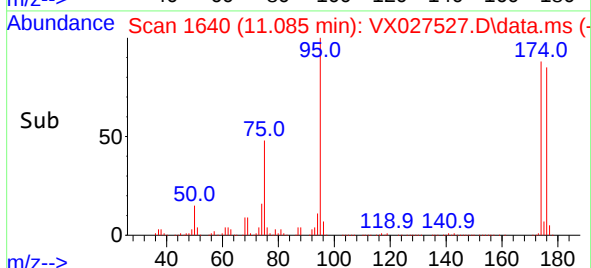
Tgt Ion:152 Resp: 287405
Ion Ratio Lower Upper
152 100
115 58.8 37.5 112.7
150 155.8 0.0 338.2

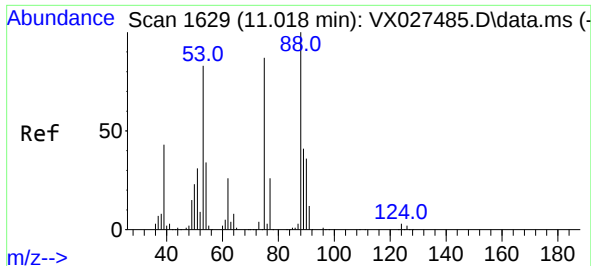


#76
1,2,3-Trichloropropane
Concen: 21.028 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027527.D
Acq: 18 Mar 2022 14:55



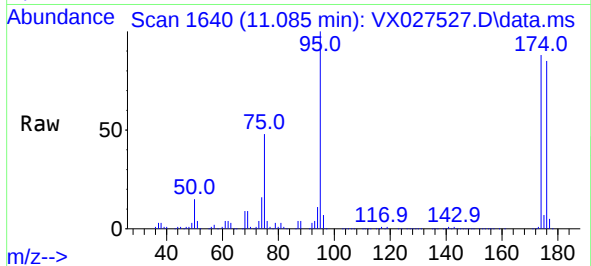
Tgt Ion: 75 Resp: 126410
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.862 ug/l
 RT: 11.085 min Scan# 10
 Delta R.T. 0.067 min
 Lab File: VX027527.D
 Acq: 18 Mar 2022 14:55

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 126410
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

