

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026275.D
 Acq On : 04 Jan 2022 16:37
 Operator : JC/MD
 Sample : M5333-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 06:11:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

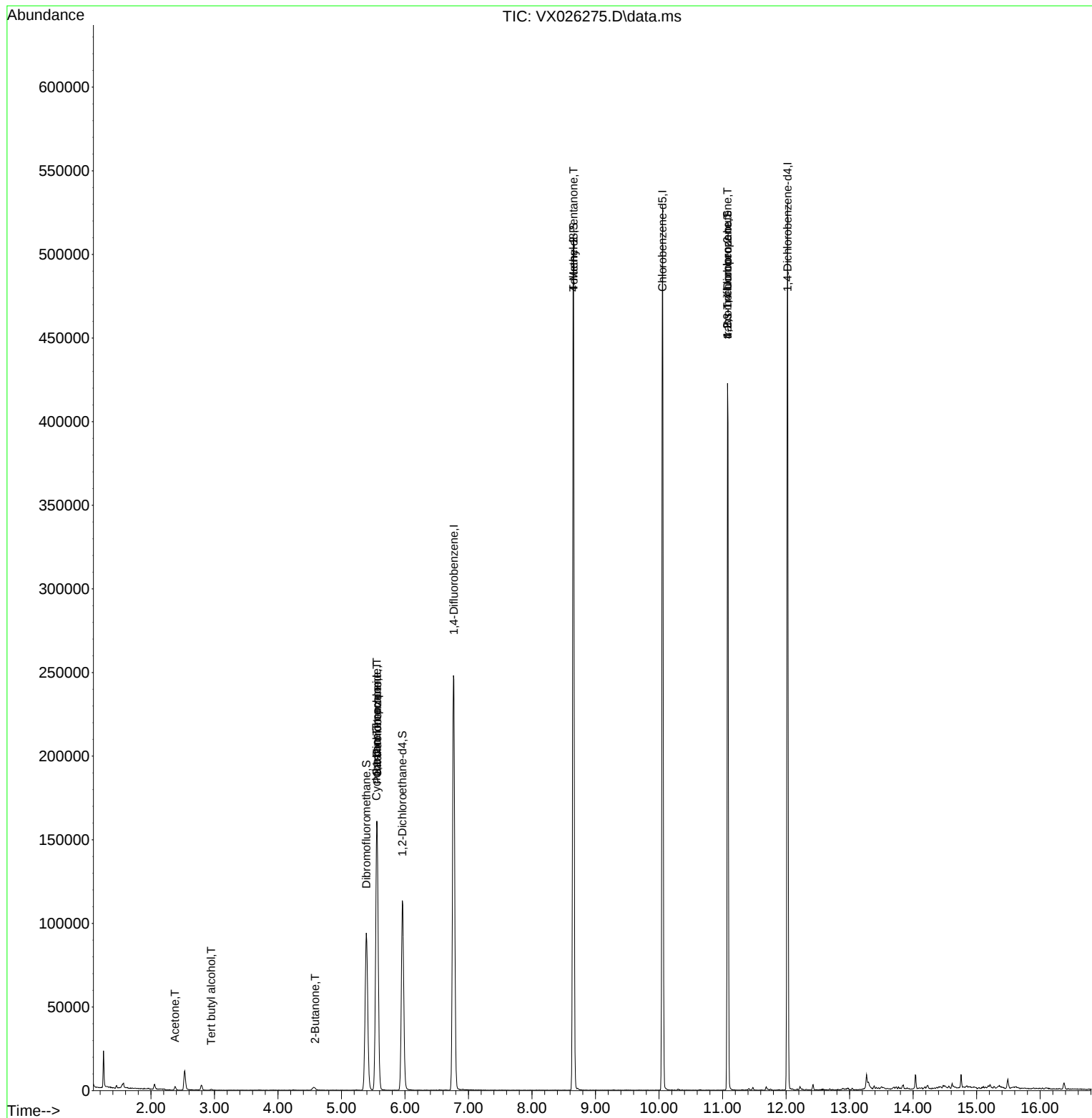
Internal Standards						
1) Pentafluorobenzene	5.562	168	143013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	247701	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	111278	53.784	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.560%	
35) Dibromofluoromethane	5.391	113	80936	50.259	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.520%	
50) Toluene-d8	8.653	98	294300	49.132	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.260%	
62) 4-Bromofluorobenzene	11.079	95	112409	52.715	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	341	0.825	ug/l #	73
16) Acetone	2.380	43	2426	2.164	ug/l	98
20) Methylene Chloride	2.794	84	1369	Below Cal		98
25) 2-Butanone	4.586	43	382	0.245	ug/l #	49
31) Cyclohexane	5.550	56	3531	1.198	ug/l #	33
36) 1,1-Dichloropropene	5.556	75	12326	4.746	ug/l #	49
38) Carbon Tetrachloride	5.556	117	16117	5.578	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1563	0.512	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	60046	24.453	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	60046	70.743	ug/l #	10

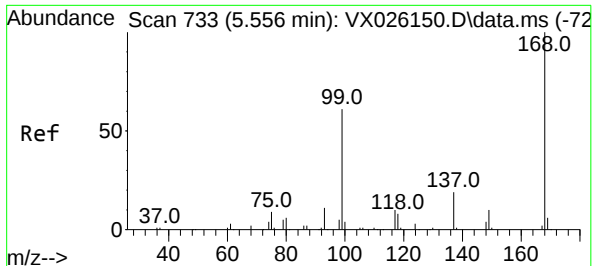
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Jan 05 06:11:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration

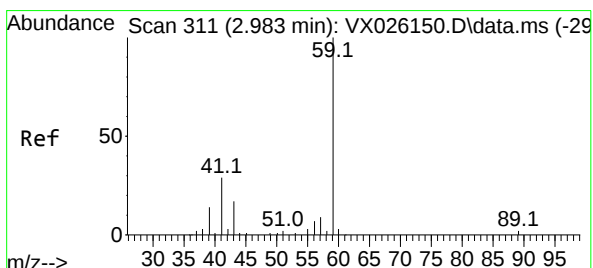
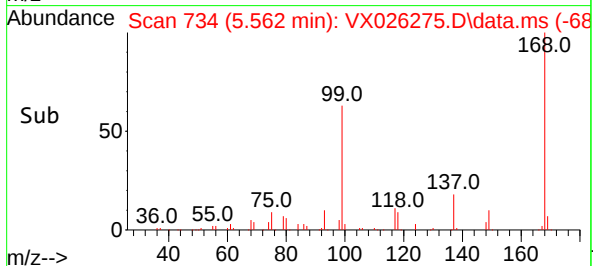
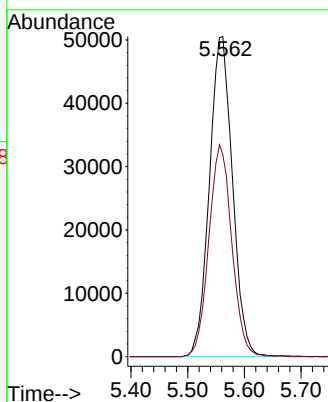
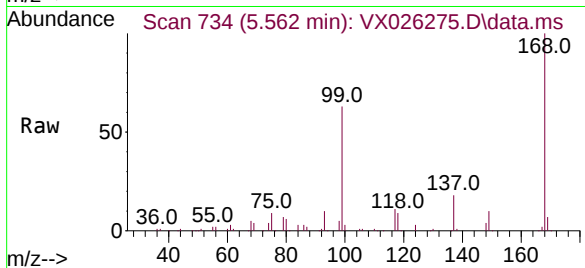




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026275.D
Acq: 04 Jan 2022 16:37

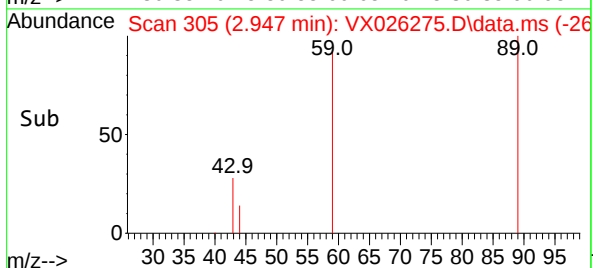
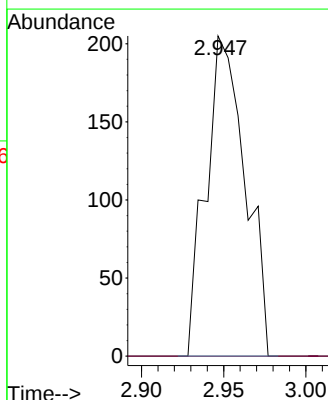
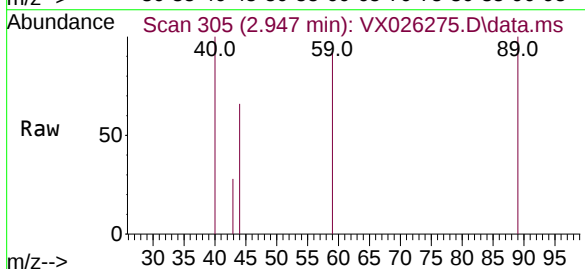
Instrument :
MSVOA_X
ClientSampleId :

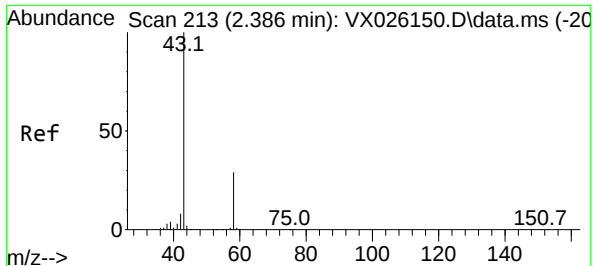
Tgt Ion:168 Resp: 143013
Ion Ratio Lower Upper
168 100
99 63.1 45.8 68.8



#11
Tert butyl alcohol
Concen: 0.825 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX026275.D
Acq: 04 Jan 2022 16:37

Tgt Ion: 59 Resp: 341
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

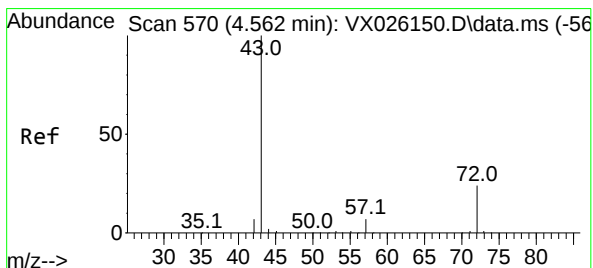
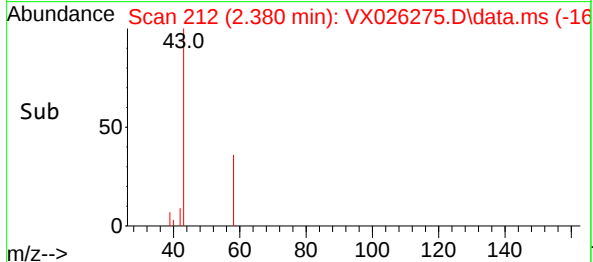
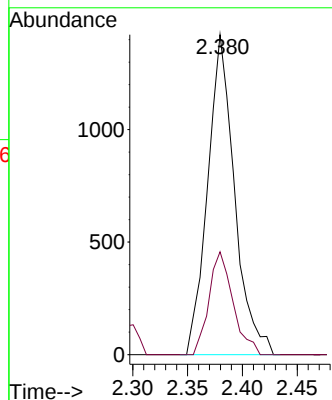
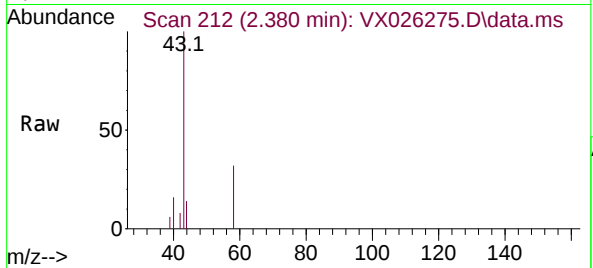




#16
Acetone
Concen: 2.164 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026275.D
Acq: 04 Jan 2022 16:37

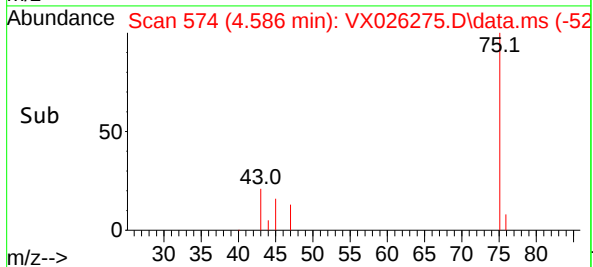
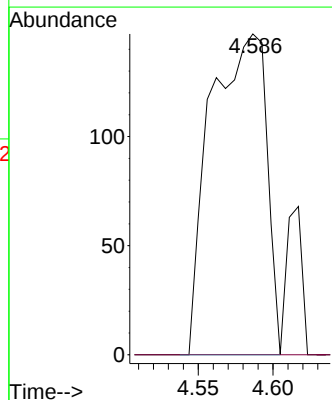
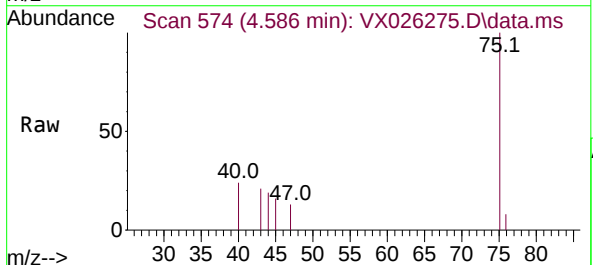
Instrument :
MSVOA_X
ClientSampleId :

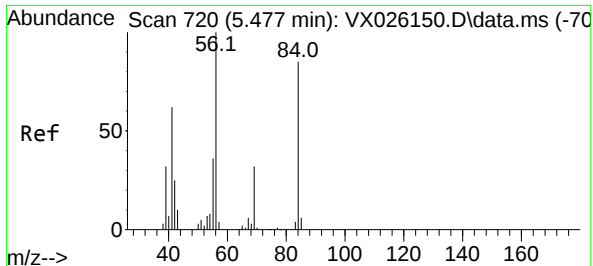
Tgt Ion: 43 Resp: 2426
Ion Ratio Lower Upper
43 100
58 32.1 24.8 37.2



#25
2-Butanone
Concen: 0.245 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX026275.D
Acq: 04 Jan 2022 16:37

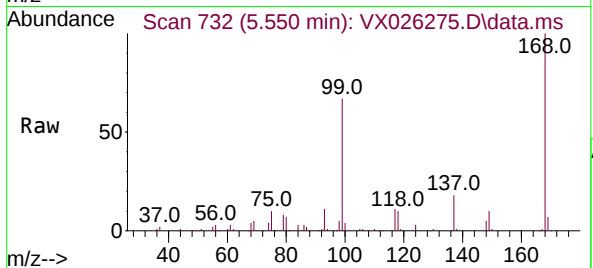
Tgt Ion: 43 Resp: 382
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



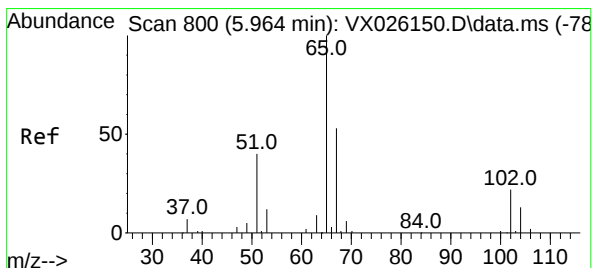
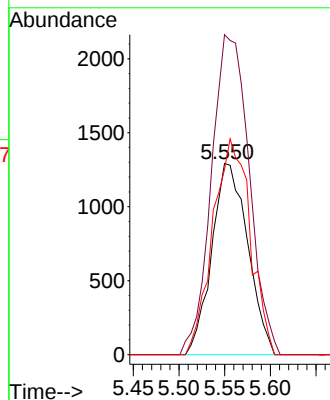
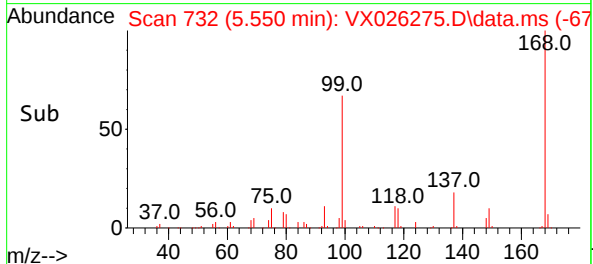


#31
Cyclohexane
Concen: 1.198 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX026275.D
Acq: 04 Jan 2022 16:37

Instrument :
MSVOA_X
ClientSampleId :

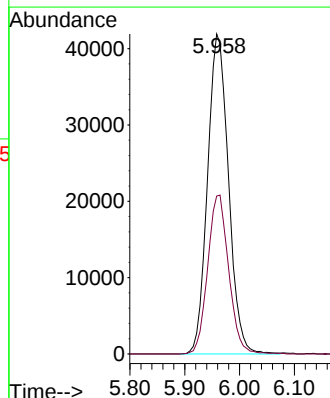
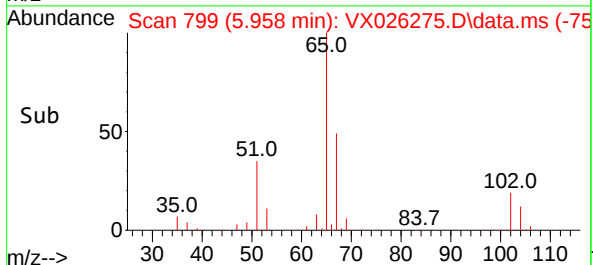
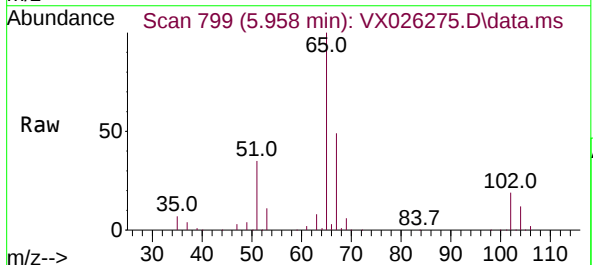


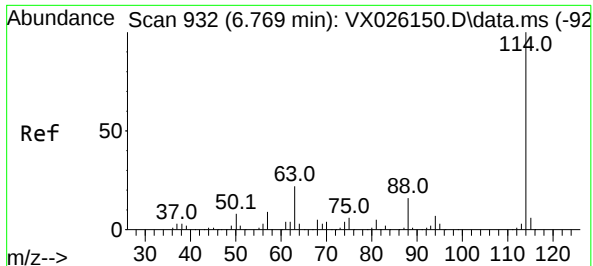
Tgt Ion: 56 Resp: 3531
Ion Ratio Lower Upper
56 100
69 167.4 23.9 35.9#
84 96.9 73.2 109.8



#33
1,2-Dichloroethane-d4
Concen: 53.784 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026275.D
Acq: 04 Jan 2022 16:37

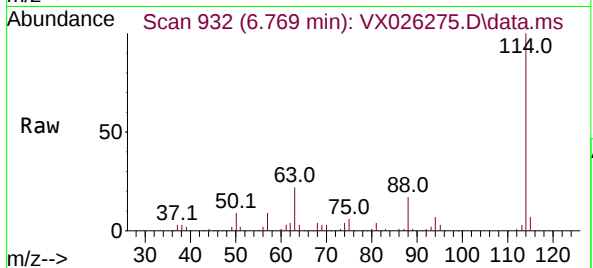
Tgt Ion: 65 Resp: 111278
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.4



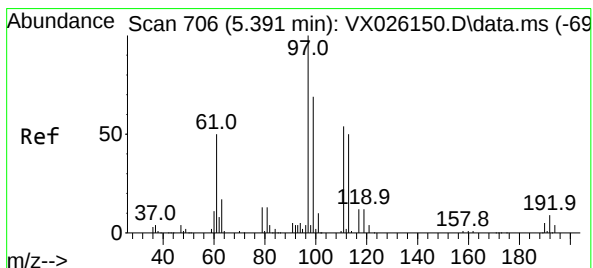
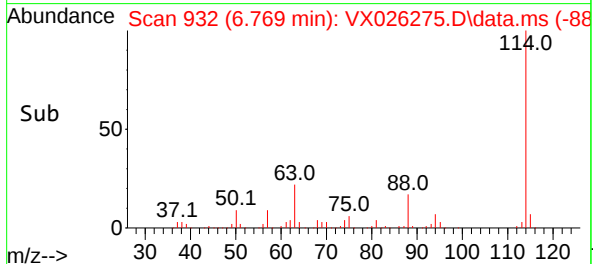
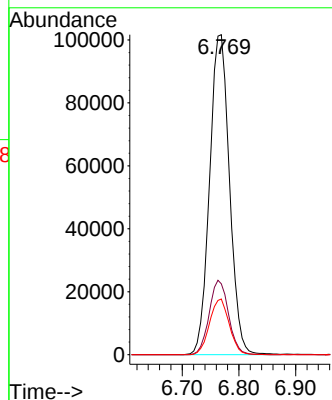


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX026275.D
Acq: 04 Jan 2022 16:37

Instrument :
MSVOA_X
ClientSampleId :

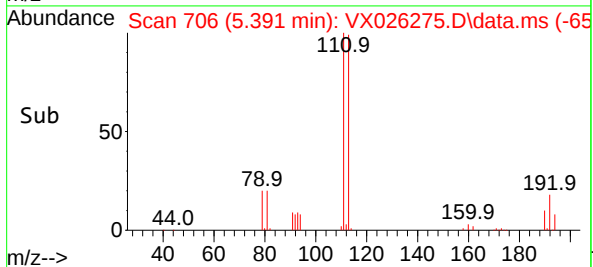
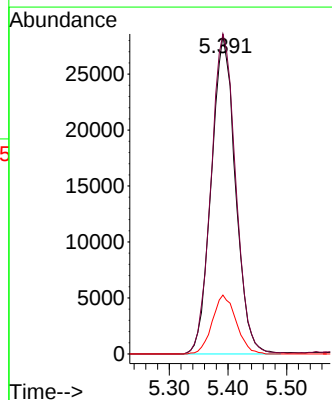
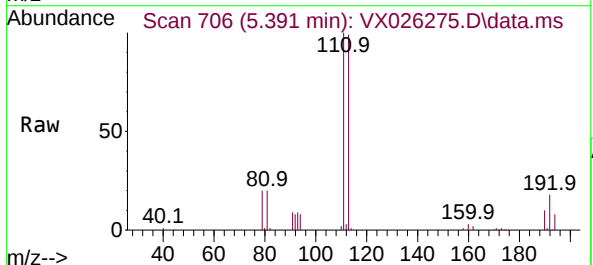


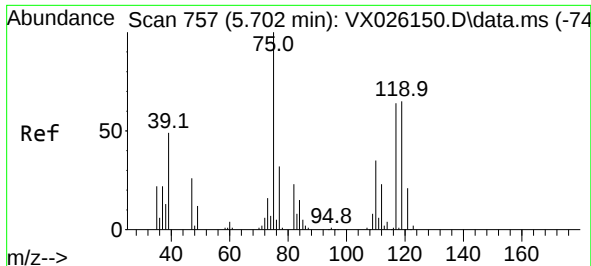
Tgt Ion:114 Resp: 247701
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.0
88 17.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.259 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026275.D
Acq: 04 Jan 2022 16:37

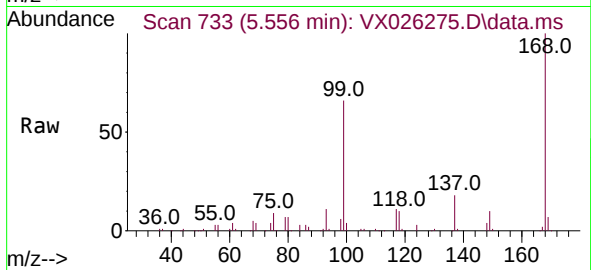
Tgt Ion:113 Resp: 80936
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.8
192 18.4 15.0 22.4



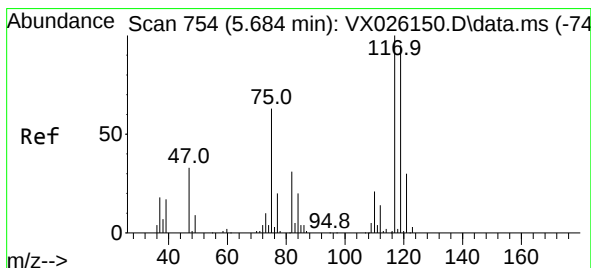
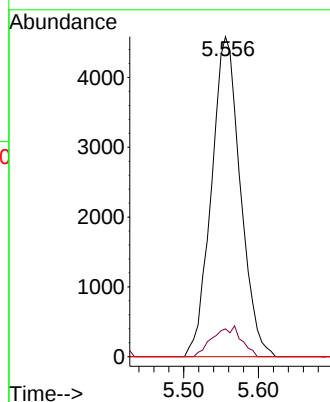
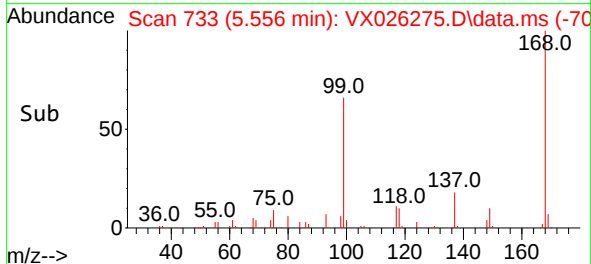


#36
1,1-Dichloropropene
Concen: 4.746 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX026275.D
Acq: 04 Jan 2022 16:37

Instrument :
MSVOA_X
ClientSampleId :

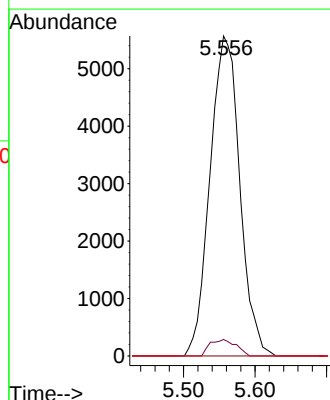
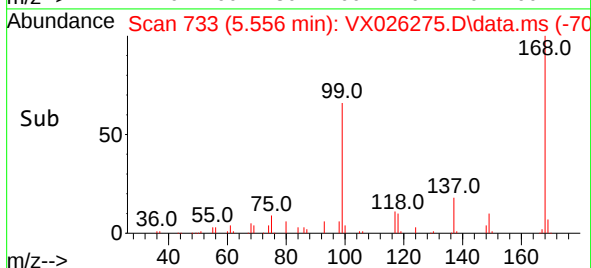
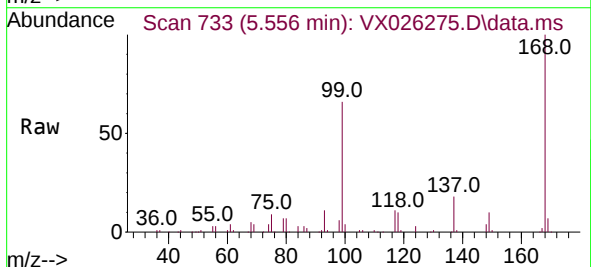


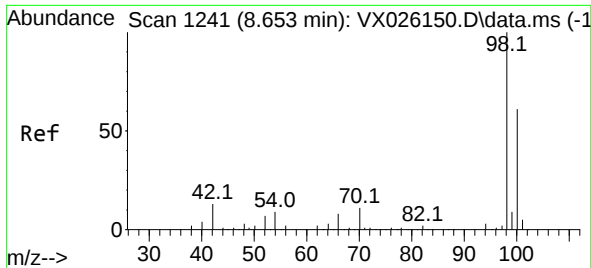
Tgt Ion: 75 Resp: 12326
Ion Ratio Lower Upper
75 100
110 9.4 18.2 54.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.578 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026275.D
Acq: 04 Jan 2022 16:37

Tgt Ion: 117 Resp: 16117
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 23.8 35.8#

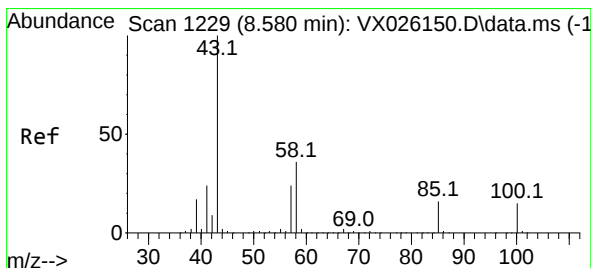
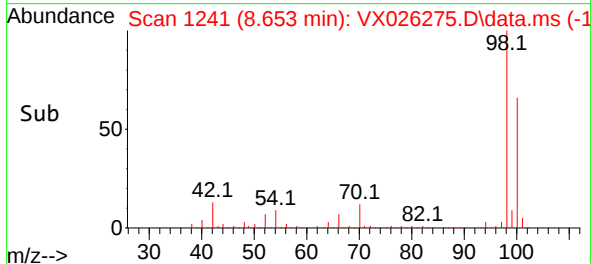
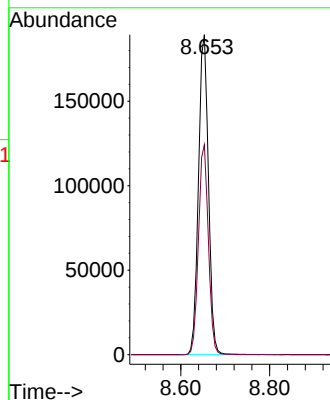
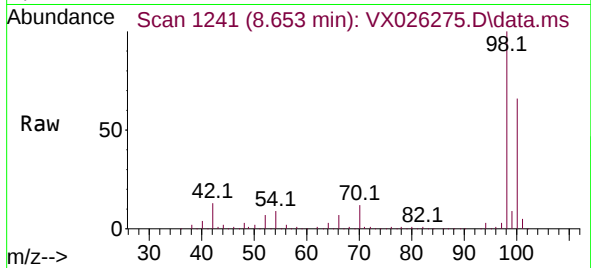




#50
Toluene-d8
Concen: 49.132 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026275.D
Acq: 04 Jan 2022 16:37

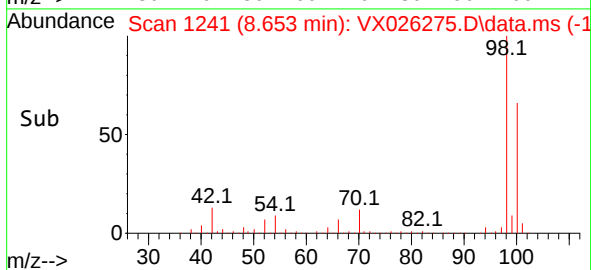
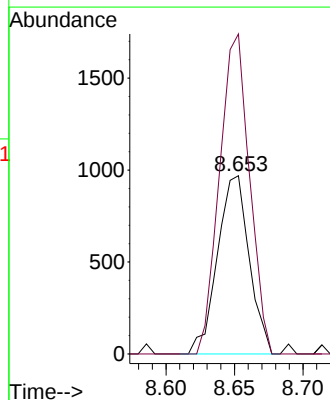
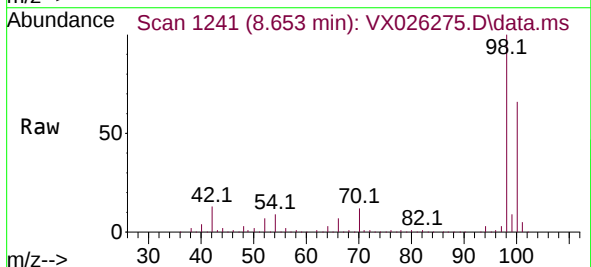
Instrument :
MSVOA_X
ClientSampleId :

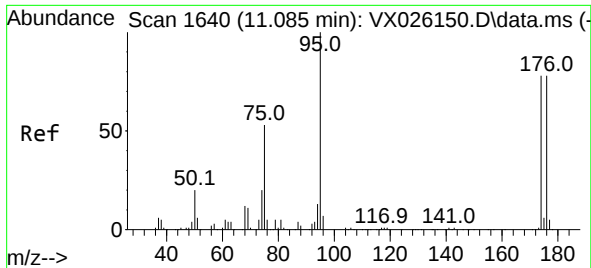
Tgt Ion: 98 Resp: 294300
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.512 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX026275.D
Acq: 04 Jan 2022 16:37

Tgt Ion: 43 Resp: 1563
Ion Ratio Lower Upper
43 100
58 169.6 30.8 46.2#

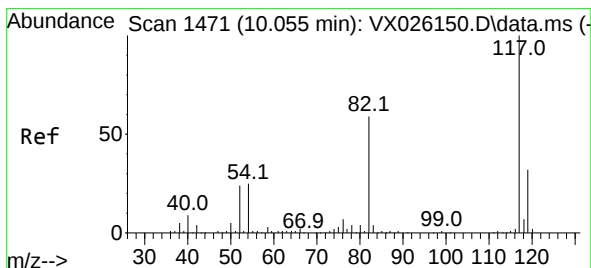
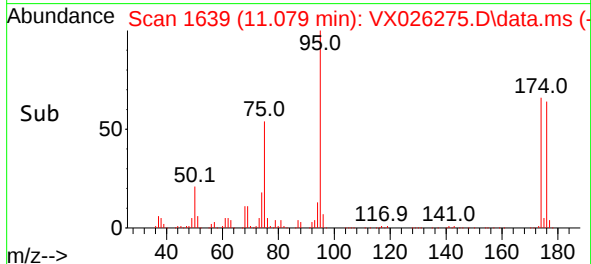
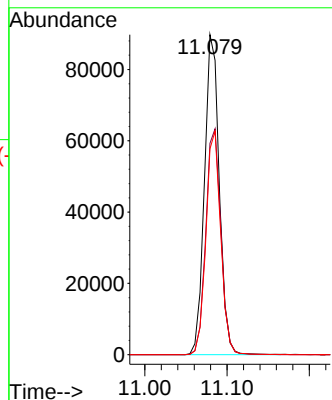
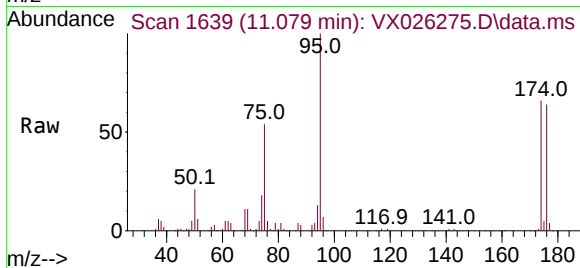




#62
4-Bromofluorobenzene
Concen: 52.715 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026275.D
Acq: 04 Jan 2022 16:37

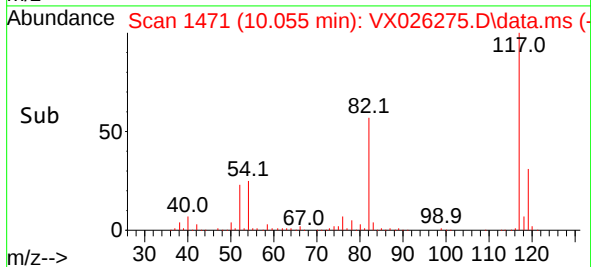
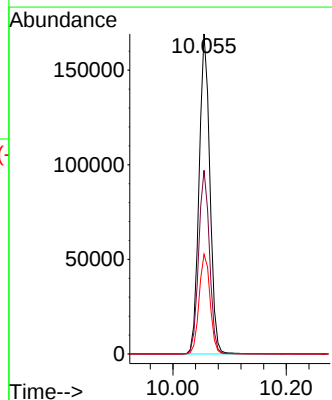
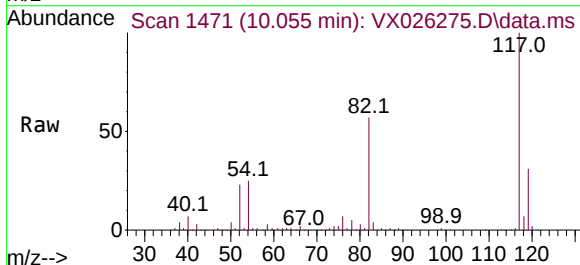
Instrument :
MSVOA_X
ClientSampleId :

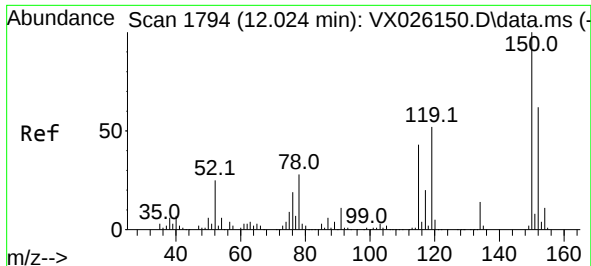
Tgt Ion: 95 Resp: 112409
Ion Ratio Lower Upper
95 100
174 71.7 0.0 157.4
176 69.4 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026275.D
Acq: 04 Jan 2022 16:37

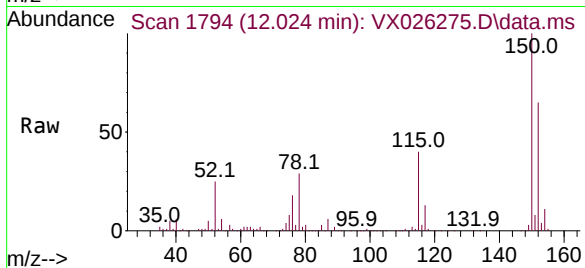
Tgt Ion: 117 Resp: 222757
Ion Ratio Lower Upper
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82 57.4 43.8 65.6
119 31.2 25.2 37.8



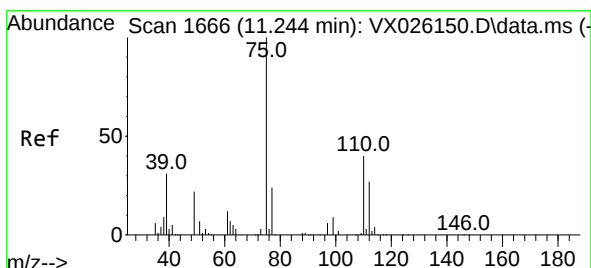
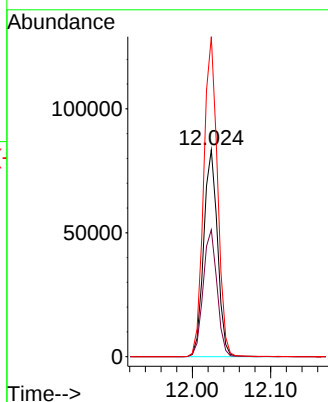
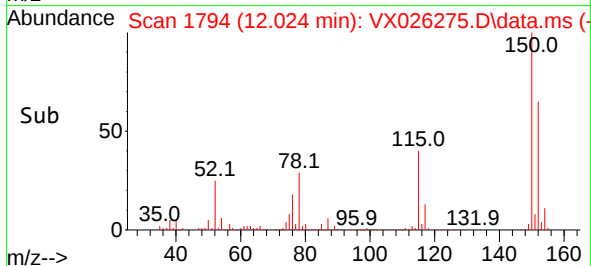


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026275.D
 Acq: 04 Jan 2022 16:37

Instrument :
 MSVOA_X
 ClientSampleId :

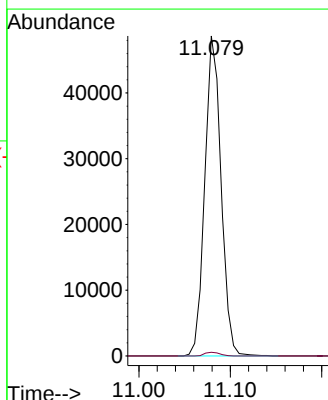
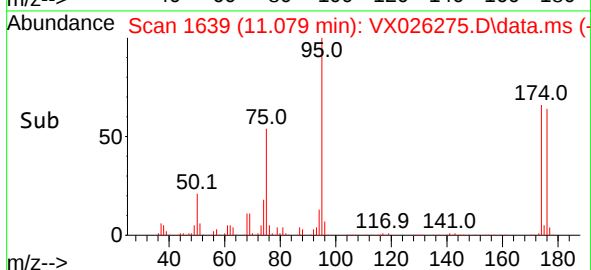
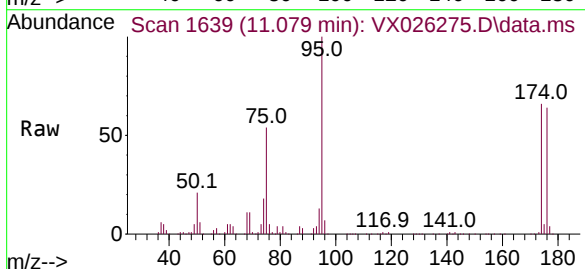


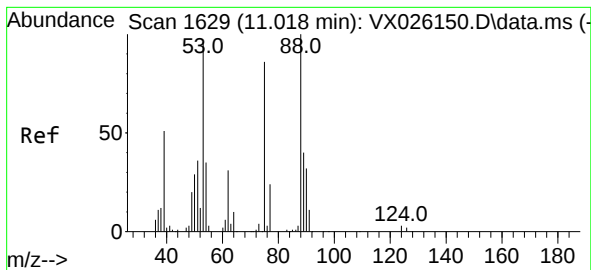
Tgt Ion:152 Resp: 101732
 Ion Ratio Lower Upper
 152 100
 115 61.8 41.3 123.9
 150 154.7 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 24.453 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026275.D
 Acq: 04 Jan 2022 16:37

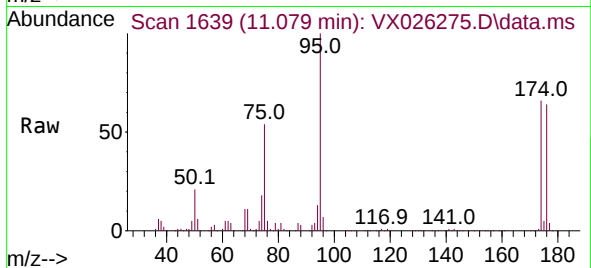
Tgt Ion: 75 Resp: 60046
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.0 57.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.743 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026275.D
 Acq: 04 Jan 2022 16:37

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 60046
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

