

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033325.D
 Acq On : 08 Dec 2022 15:51
 Operator : JC/MD
 Sample : N5906-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB120622

Quant Time: Dec 09 00:49:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

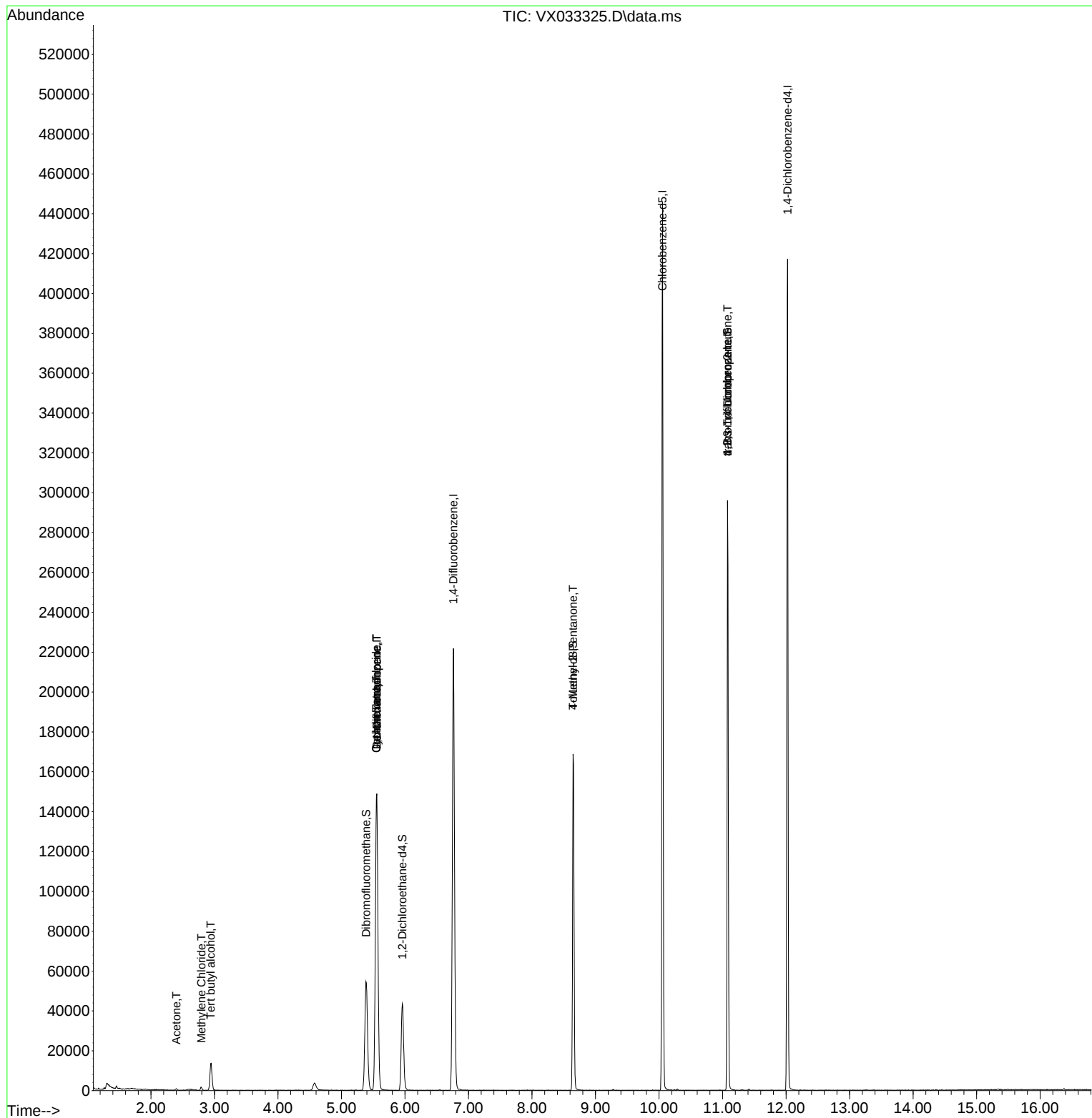
Internal Standards						
1) Pentafluorobenzene	5.556	168	142785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	44871	48.985	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.960%
35) Dibromofluoromethane	5.385	113	49052	47.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.760%
50) Toluene-d8	8.647	98	104214	48.629	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.260%
62) 4-Bromofluorobenzene	11.079	95	77733	47.438	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.880%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	7927	28.305	ug/l #	74
16) Acetone	2.398	43	1005	1.483	ug/l	92
20) Methylene Chloride	2.794	84	724	0.479	ug/l #	83
31) Cyclohexane	5.550	56	2804	1.288	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10565	5.290	ug/l #	46
38) Carbon Tetrachloride	5.550	117	14609	6.528	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	478	0.249	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41250	22.586	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	41250	70.257	ug/l #	6

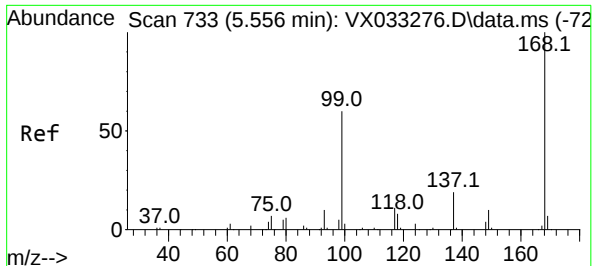
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

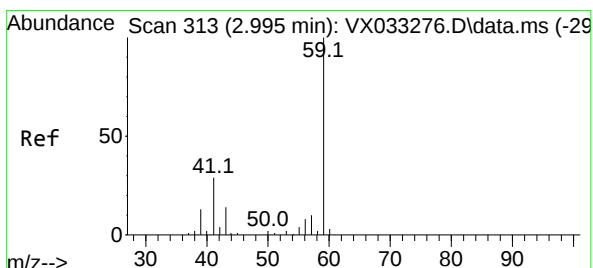
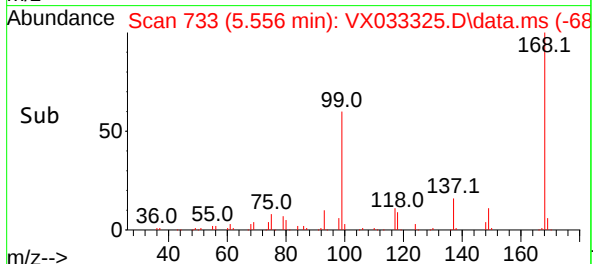
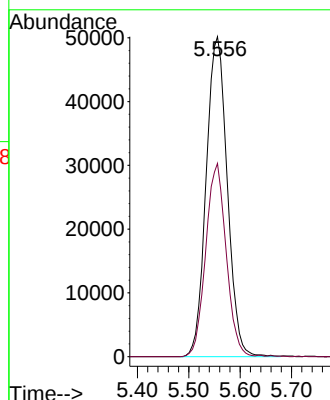
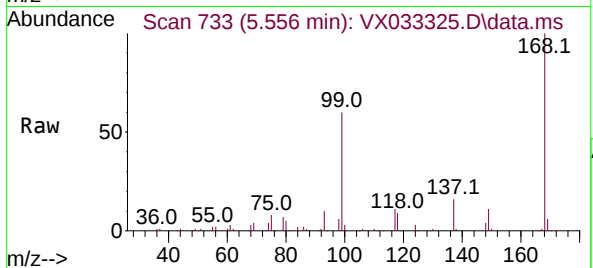




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033325.D
Acq: 08 Dec 2022 15:51

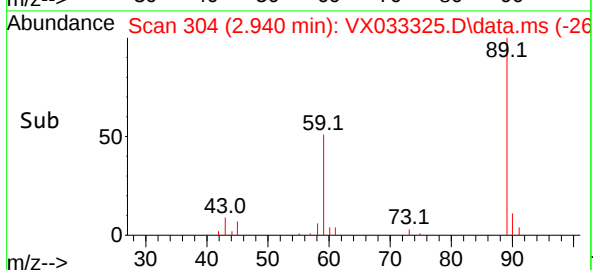
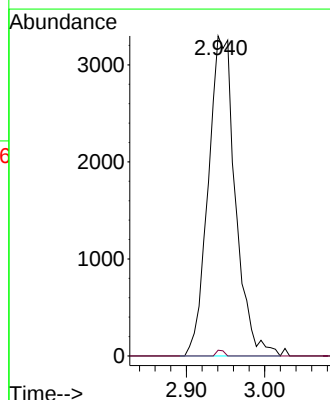
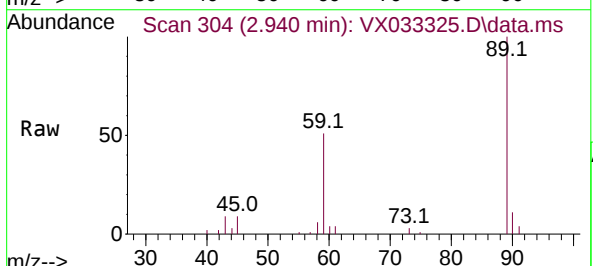
Instrument :
MSVOA_X
ClientSampleId :
FB120622

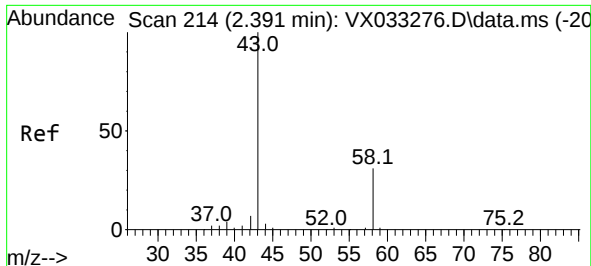
Tgt Ion:168 Resp: 142785
Ion Ratio Lower Upper
168 100
99 60.4 46.1 69.1



#11
Tert butyl alcohol
Concen: 28.305 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX033325.D
Acq: 08 Dec 2022 15:51

Tgt Ion: 59 Resp: 7927
Ion Ratio Lower Upper
59 100
57 0.5 8.2 12.4#

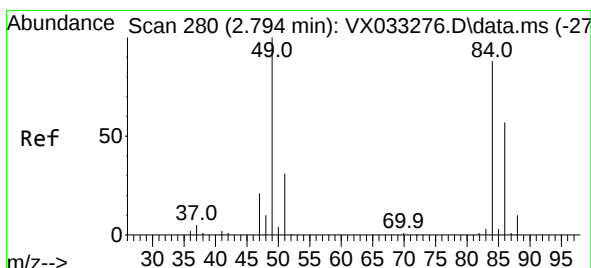
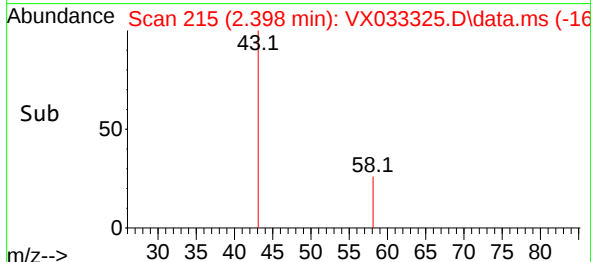
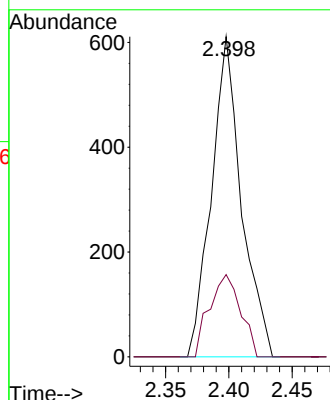
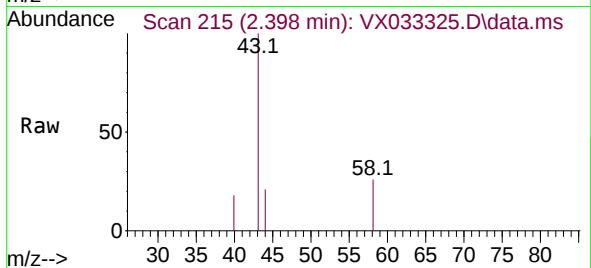




#16
Acetone
Concen: 1.483 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX033325.D
Acq: 08 Dec 2022 15:51

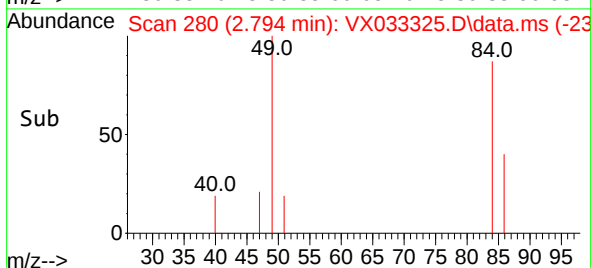
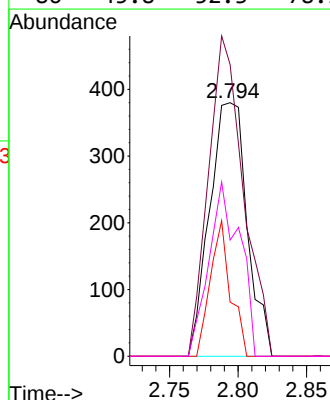
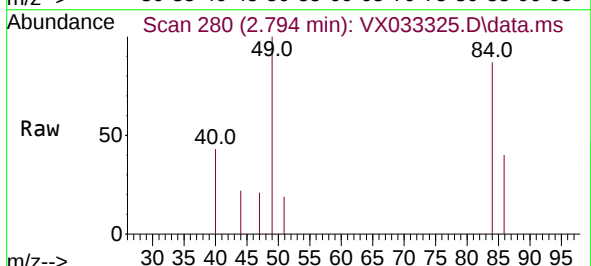
Instrument :
MSVOA_X
ClientSampleId :
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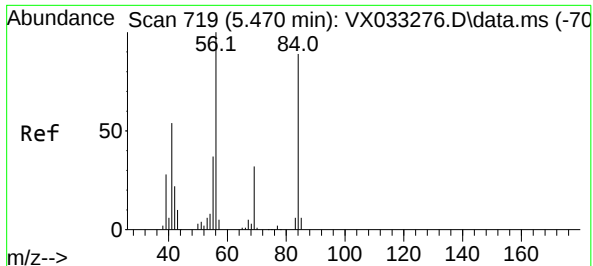
Tgt Ion: 43 Resp: 1005
Ion Ratio Lower Upper
43 100
58 25.7 23.8 35.8



#20
Methylene Chloride
Concen: 0.479 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX033325.D
Acq: 08 Dec 2022 15:51

Tgt Ion: 84 Resp: 724
Ion Ratio Lower Upper
84 100
49 115.0 101.0 151.6
51 21.3 31.1 46.7#
86 45.8 52.3 78.5#

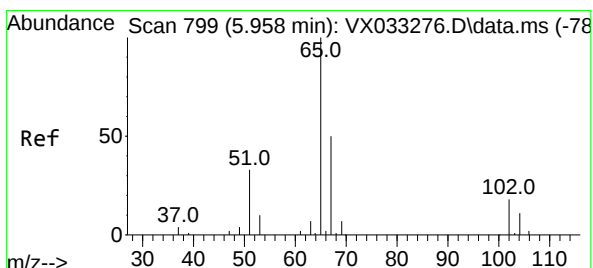
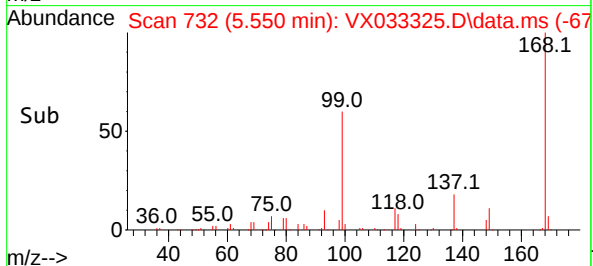
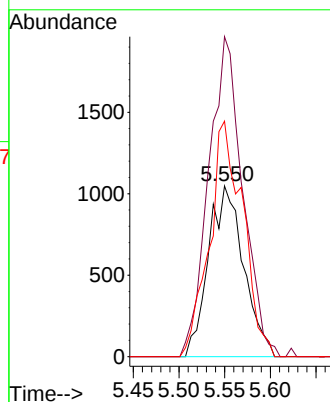
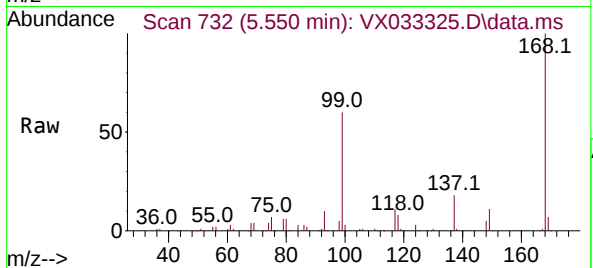




#31
Cyclohexane
Concen: 1.288 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033325.D
Acq: 08 Dec 2022 15:51

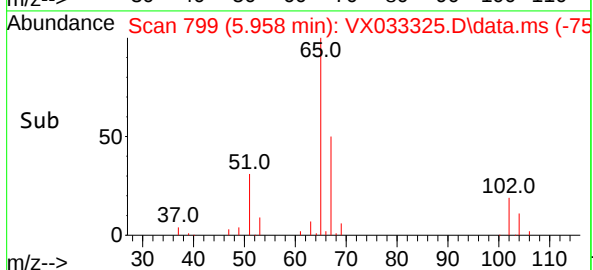
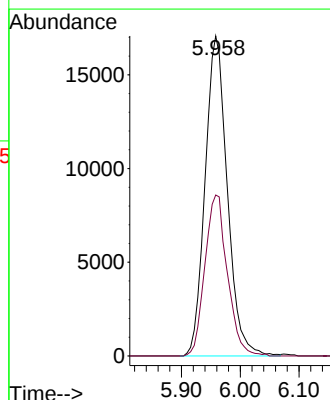
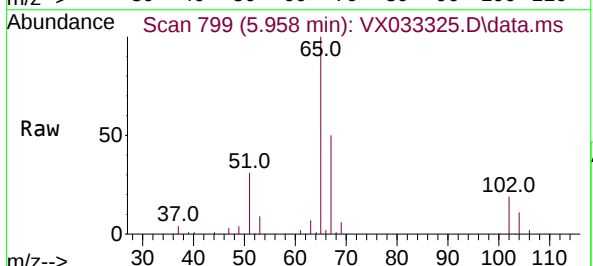
Instrument :
MSVOA_X
ClientSampleId :
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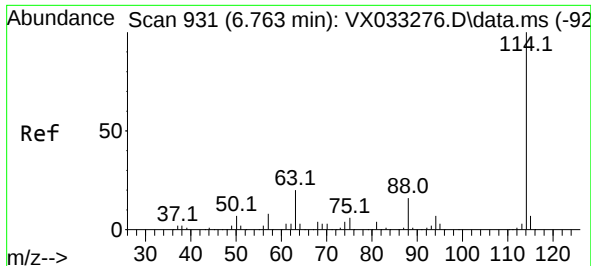
Tgt Ion: 56 Resp: 2804
Ion Ratio Lower Upper
56 100
69 187.4 24.1 36.1#
84 138.0 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 48.985 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033325.D
Acq: 08 Dec 2022 15:51

Tgt Ion: 65 Resp: 44871
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8

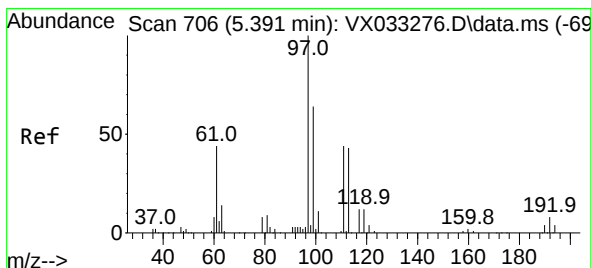
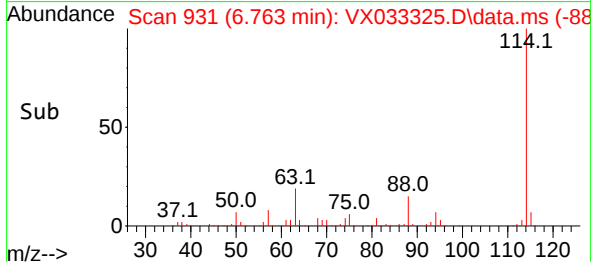
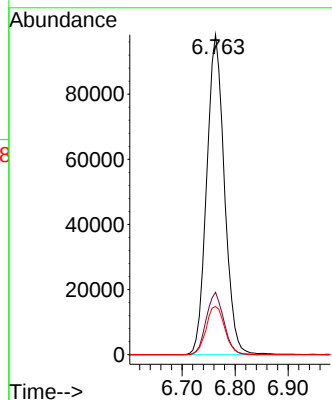
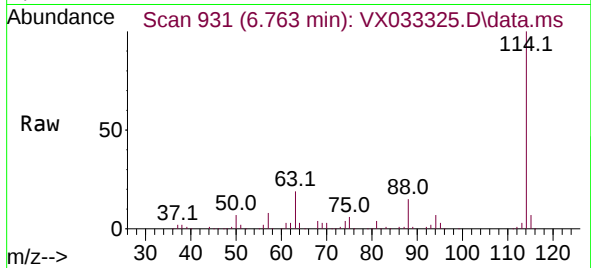




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033325.D
Acq: 08 Dec 2022 15:51

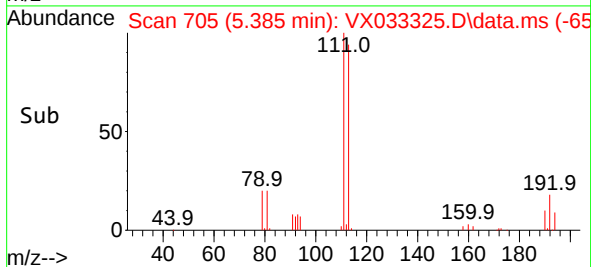
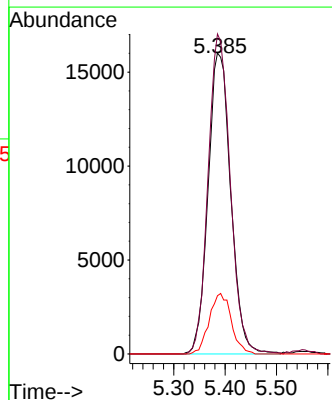
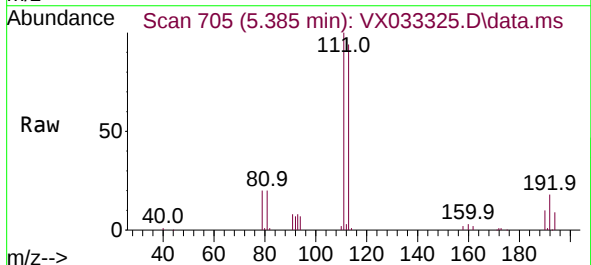
Instrument :
MSVOA_X
ClientSampleId :
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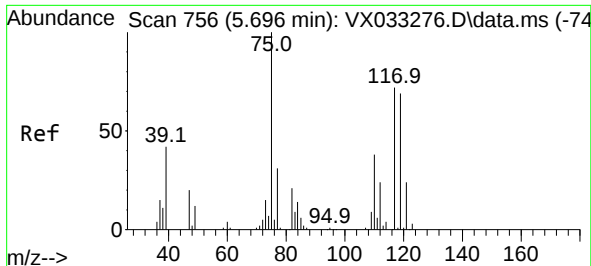
Tgt Ion:114 Resp: 227762
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.6
88 15.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.882 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033325.D
Acq: 08 Dec 2022 15:51

Tgt Ion:113 Resp: 49052
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 19.6 15.4 23.2

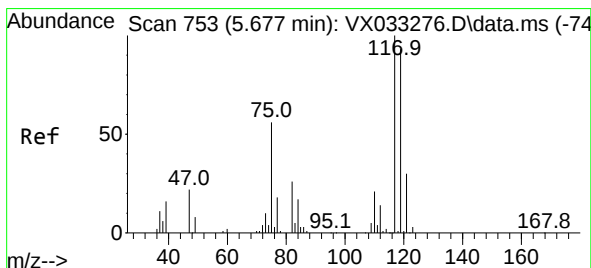
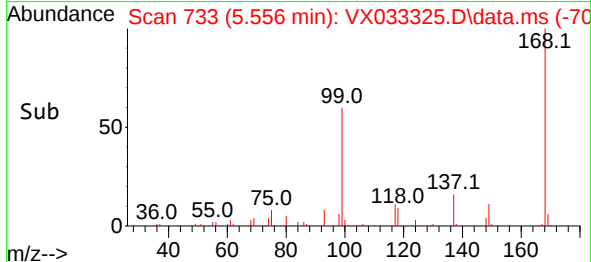
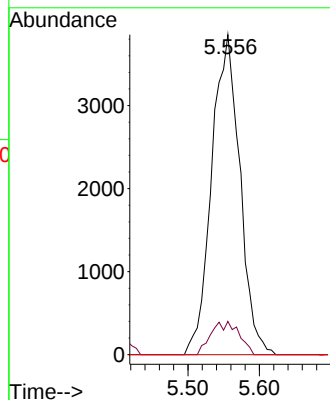
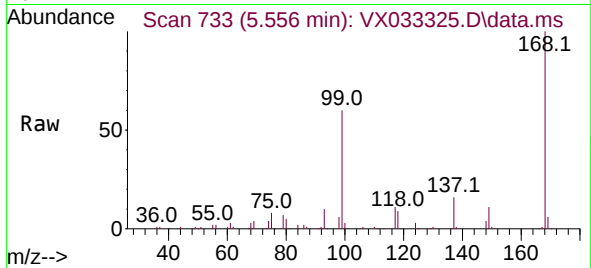




#36
1,1-Dichloropropene
Concen: 5.290 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033325.D
Acq: 08 Dec 2022 15:51

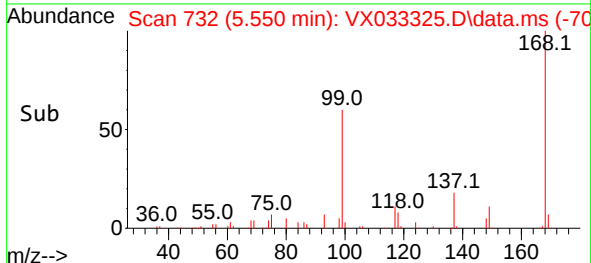
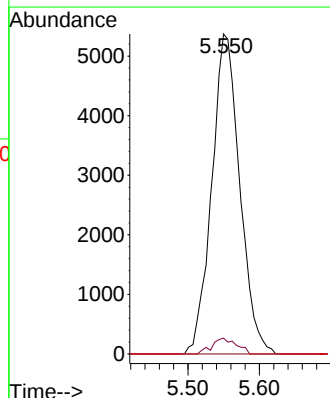
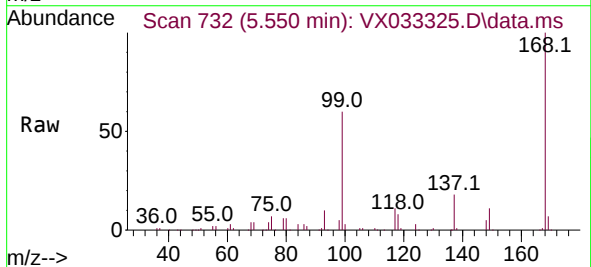
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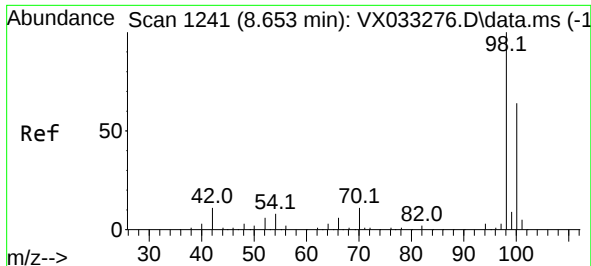
Tgt Ion: 75 Resp: 10565
Ion Ratio Lower Upper
75 100
110 5.2 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.528 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033325.D
Acq: 08 Dec 2022 15:51

Tgt Ion: 117 Resp: 14609
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 25.8 38.6#

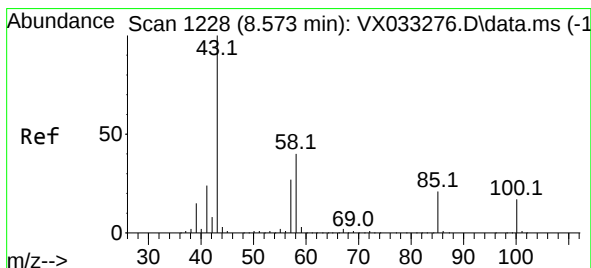
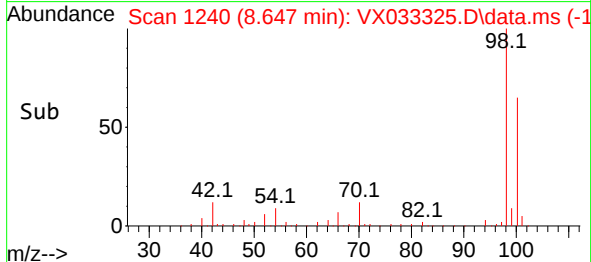
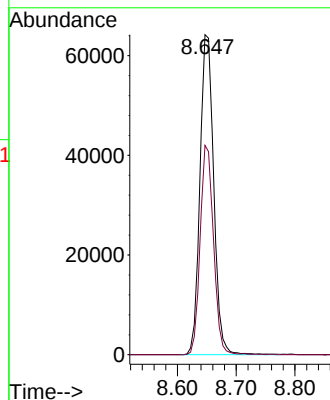
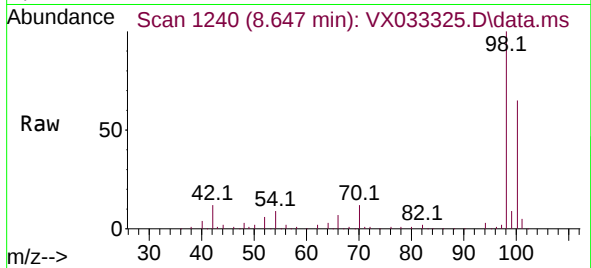




#50
Toluene-d8
Concen: 48.629 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033325.D
Acq: 08 Dec 2022 15:51

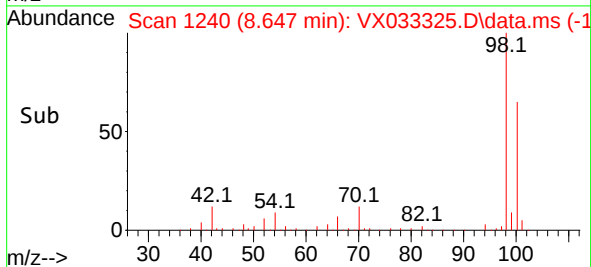
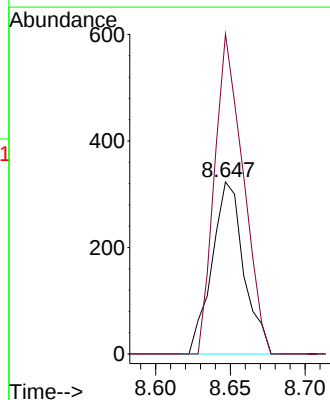
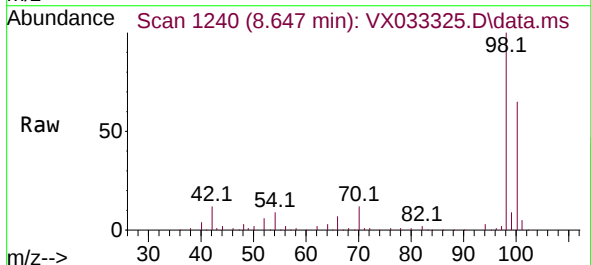
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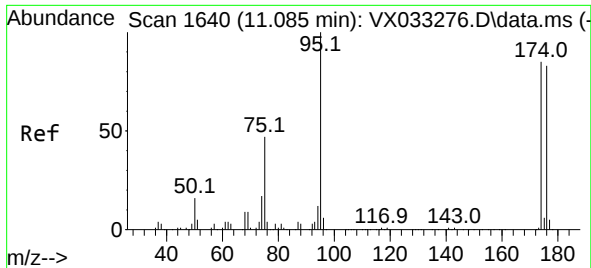
Tgt Ion: 98 Resp: 104214
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.249 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033325.D
Acq: 08 Dec 2022 15:51

Tgt Ion: 43 Resp: 478
Ion Ratio Lower Upper
43 100
58 167.4 30.9 46.3#

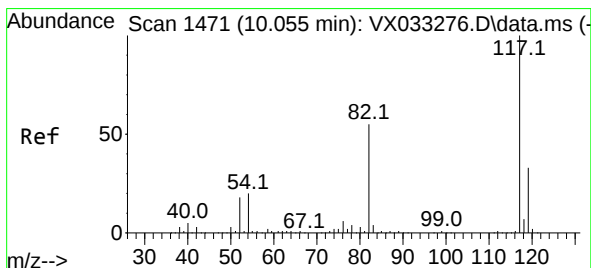
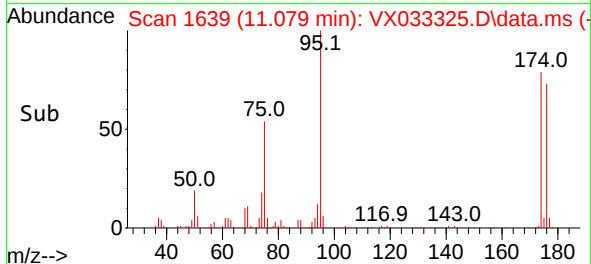
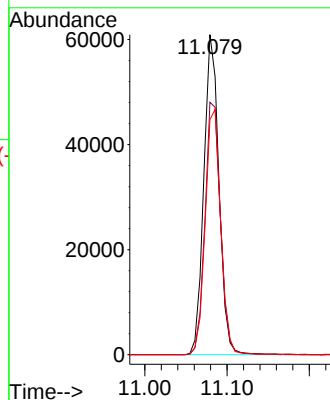
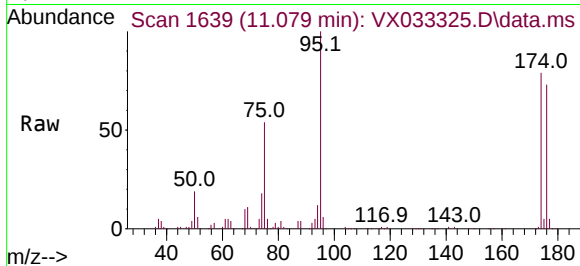




#62
4-Bromofluorobenzene
Concen: 47.438 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033325.D
Acq: 08 Dec 2022 15:51

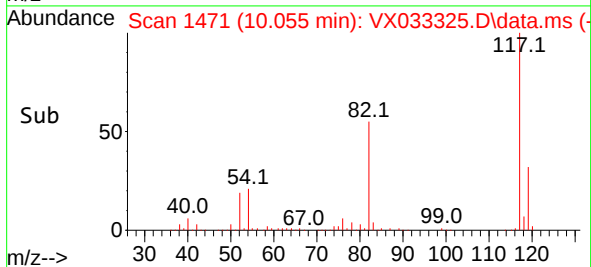
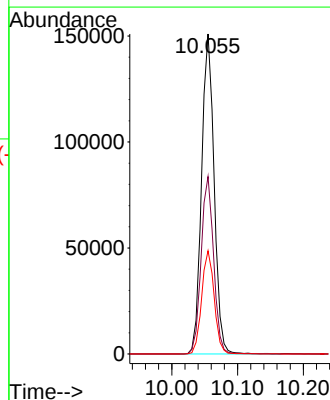
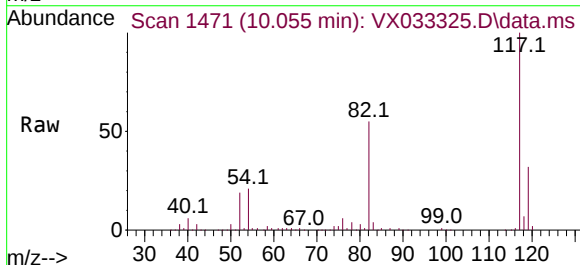
Instrument :
MSVOA_X
ClientSampleId :
FB120622

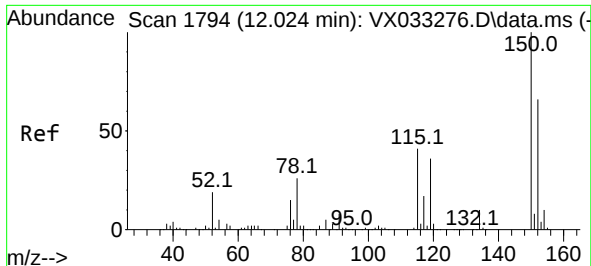
Tgt Ion: 95 Resp: 77733
Ion Ratio Lower Upper
95 100
174 81.4 0.0 164.0
176 78.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033325.D
Acq: 08 Dec 2022 15:51

Tgt Ion: 117 Resp: 200352
Ion Ratio Lower Upper
117 100
82 55.5 44.3 66.5
119 32.2 25.7 38.5

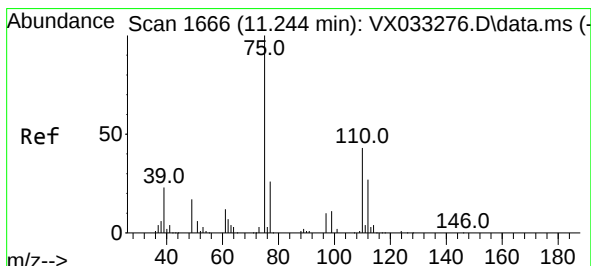
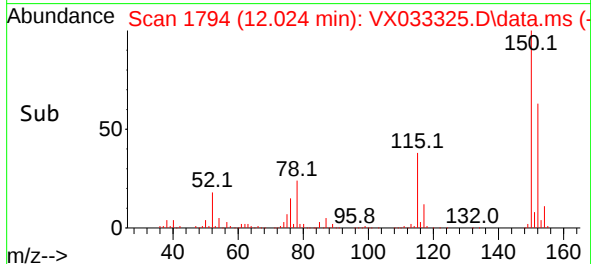
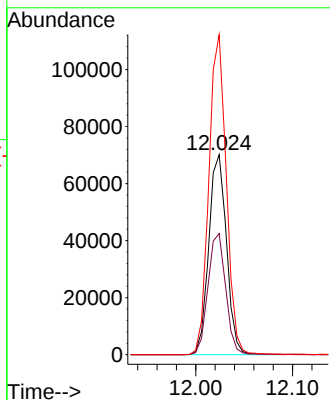
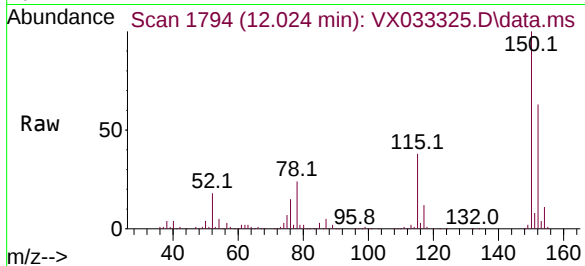




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033325.D
 Acq: 08 Dec 2022 15:51

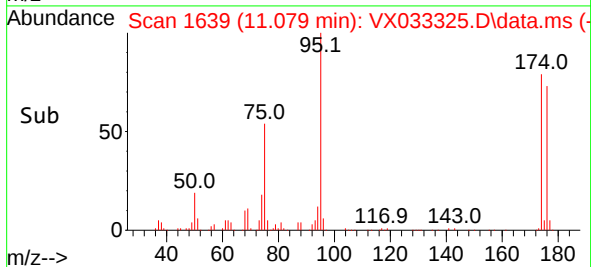
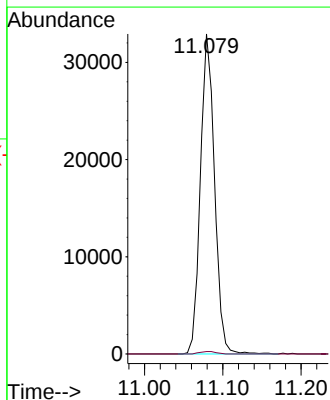
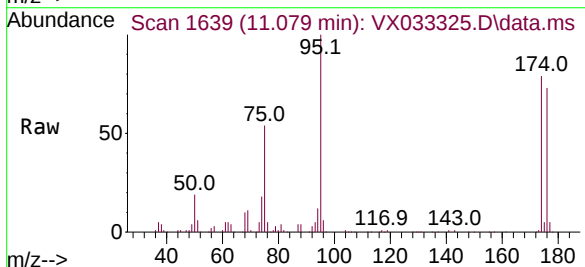
Instrument :
 MSVOA_X
 ClientSampleId :
 FB120622

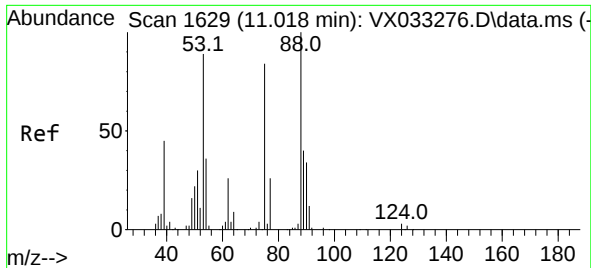
Tgt Ion:152 Resp: 89769
 Ion Ratio Lower Upper
 152 100
 115 60.6 44.0 132.0
 150 156.8 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 22.586 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX033325.D
 Acq: 08 Dec 2022 15:51

Tgt Ion: 75 Resp: 41250
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.257 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033325.D
 Acq: 08 Dec 2022 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FB120622

Tgt Ion: 75 Resp: 41250
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

