

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033231.D
 Acq On : 05 Dec 2022 17:23
 Operator : JC/MD
 Sample : N5867-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Dec 06 06:00:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

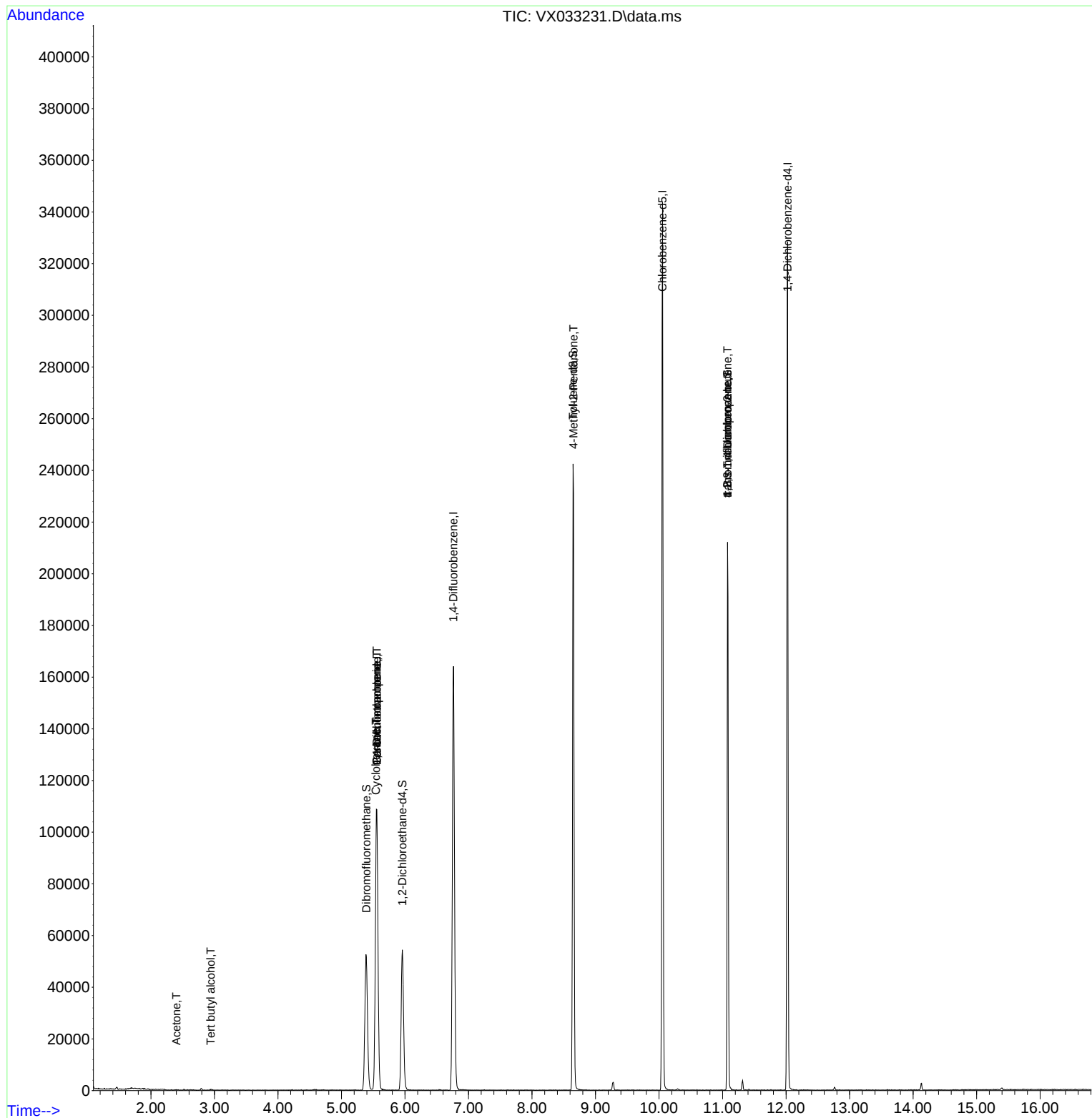
Internal Standards						
1) Pentafluorobenzene	5.556	168	105305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167559	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54866	53.542	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.080%
35) Dibromofluoromethane	5.391	113	46338	49.054	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.100%
50) Toluene-d8	8.647	98	144634	50.928	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.860%
62) 4-Bromofluorobenzene	11.079	95	53341	42.987	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	140	0.861	ug/l #	72
16) Acetone	2.398	43	292	0.610	ug/l #	45
20) Methylene Chloride	2.788	84	300	Below Cal	#	65
31) Cyclohexane	5.544	56	2233	1.344	ug/l #	18
36) 1,1-Dichloropropene	5.556	75	8103	5.365	ug/l #	49
38) Carbon Tetrachloride	5.556	117	10716	6.395	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	602	0.448	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	28742	21.859	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	28742	71.053	ug/l #	6

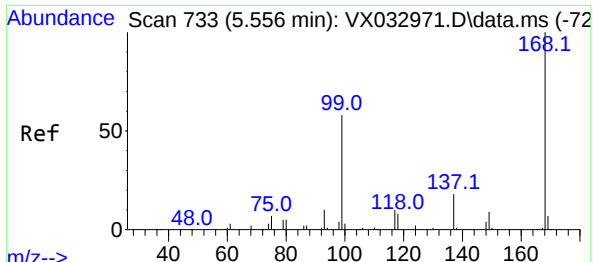
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
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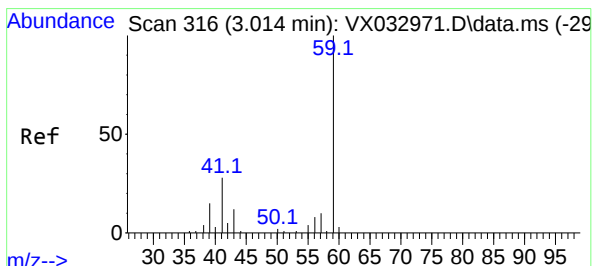
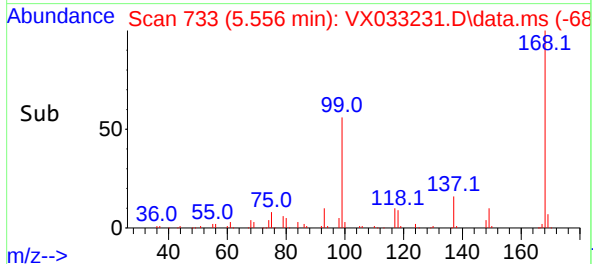
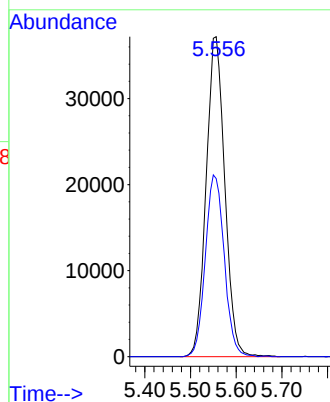
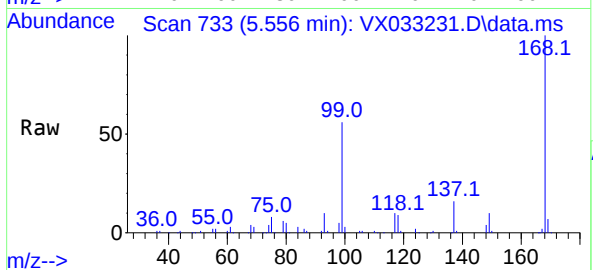




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033231.D
Acq: 05 Dec 2022 17:23

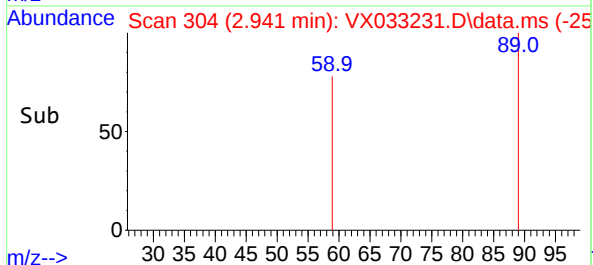
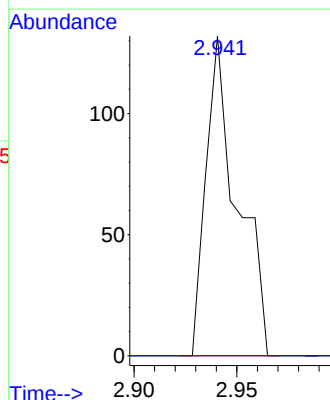
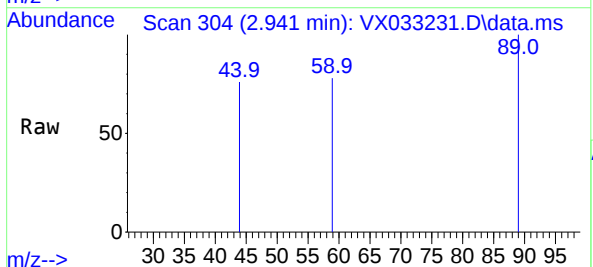
Instrument :
MSVOA_X
ClientSampleId :
TB

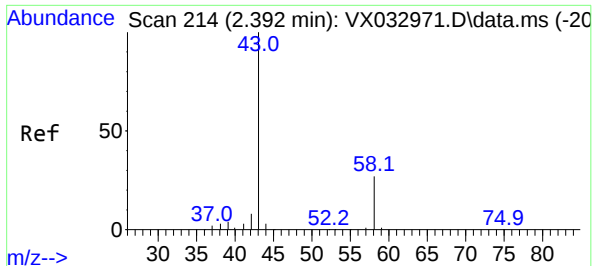
Tgt Ion:168 Resp: 105305
Ion Ratio Lower Upper
168 100
99 55.7 46.1 69.1



#11
Tert butyl alcohol
Concen: 0.861 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX033231.D
Acq: 05 Dec 2022 17:23

Tgt Ion: 59 Resp: 140
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

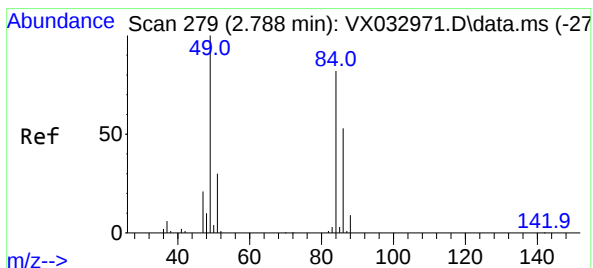
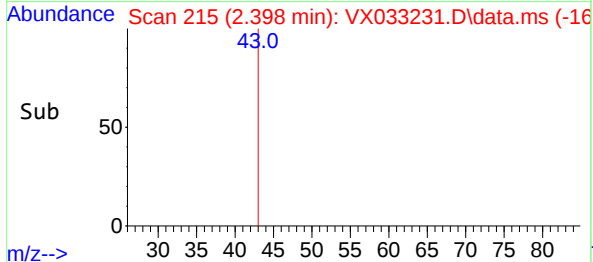
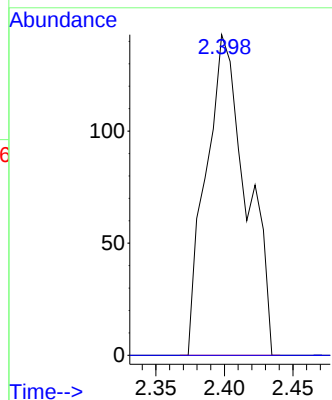
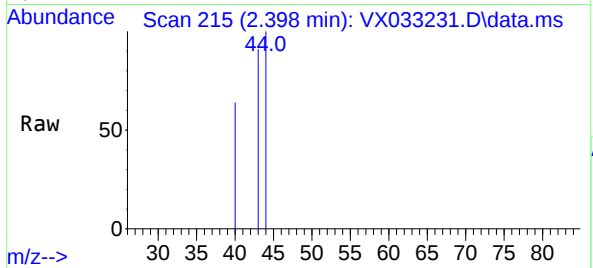




#16
Acetone
Concen: 0.610 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX033231.D
Acq: 05 Dec 2022 17:23

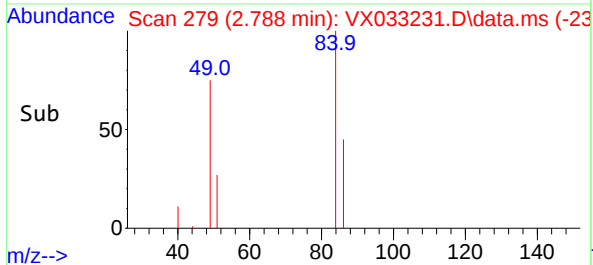
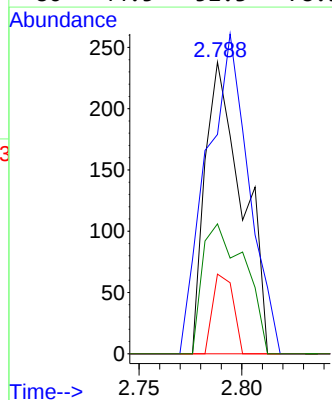
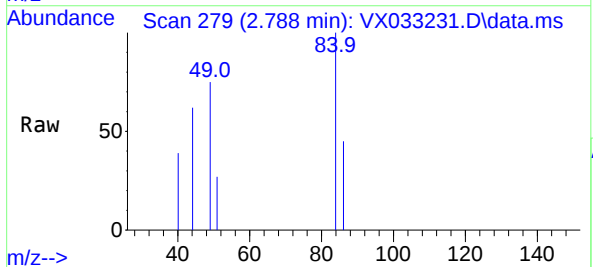
Instrument :
MSVOA_X
ClientSampleId :
TB

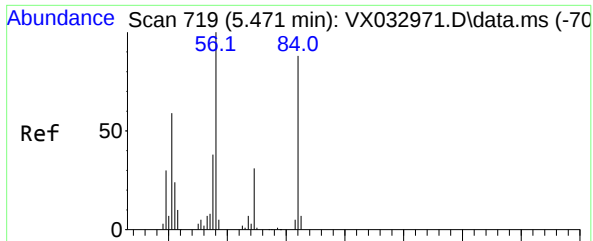
Tgt Ion: 43 Resp: 292
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033231.D
Acq: 05 Dec 2022 17:23

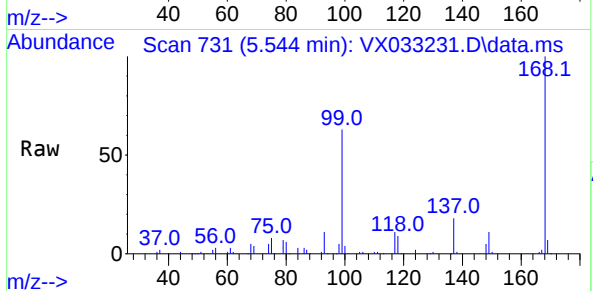
Tgt Ion: 84 Resp: 300
Ion Ratio Lower Upper
84 100
49 75.2 101.0 151.6#
51 27.3 31.1 46.7#
86 44.5 52.3 78.5#



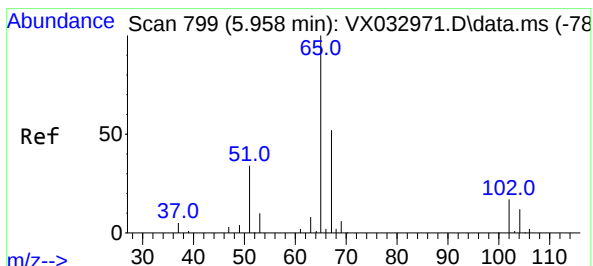
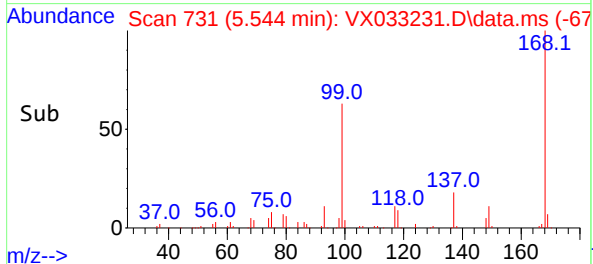
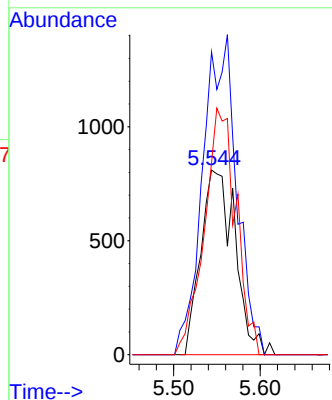


#31
Cyclohexane
Concen: 1.344 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX033231.D
Acq: 05 Dec 2022 17:23

Instrument :
MSVOA_X
ClientSampleId :
TB

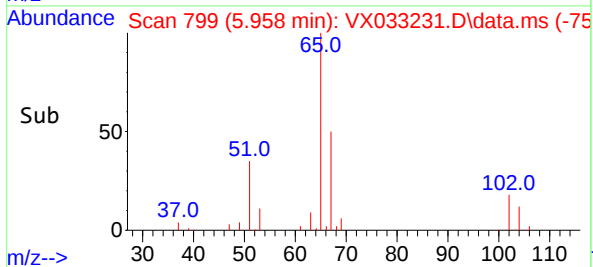
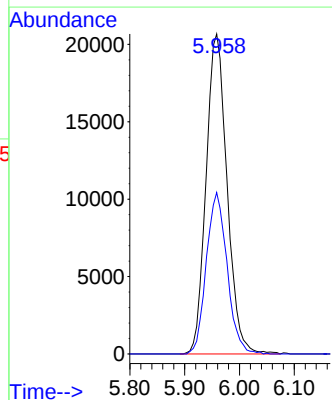
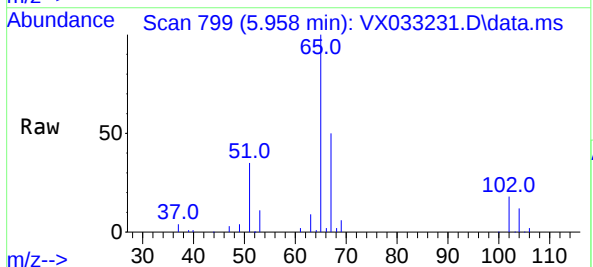


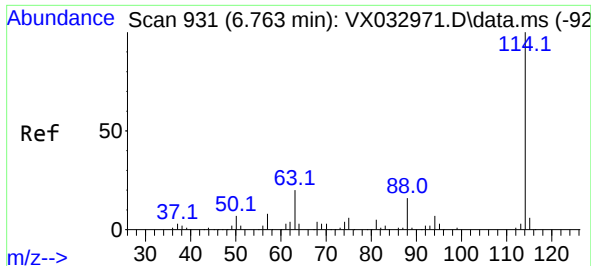
Tgt Ion: 56 Resp: 2233
Ion Ratio Lower Upper
56 100
69 164.0 24.1 36.1#
84 104.2 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 53.542 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033231.D
Acq: 05 Dec 2022 17:23

Tgt Ion: 65 Resp: 54866
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.8

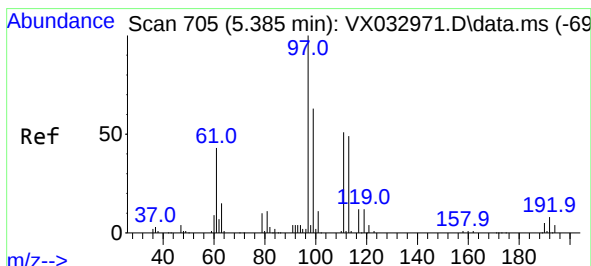
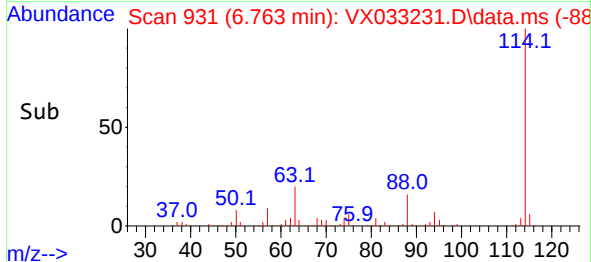
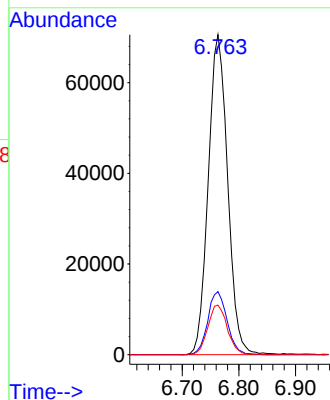
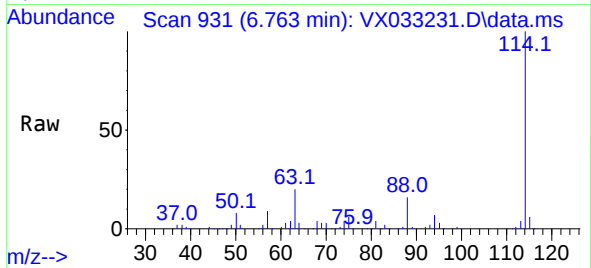




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033231.D
Acq: 05 Dec 2022 17:23

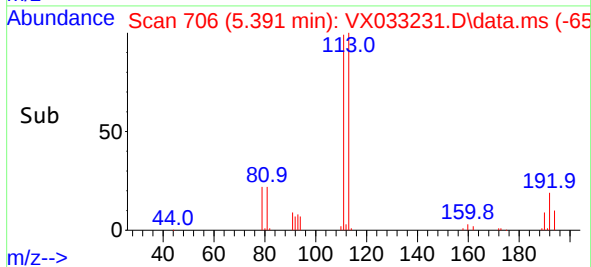
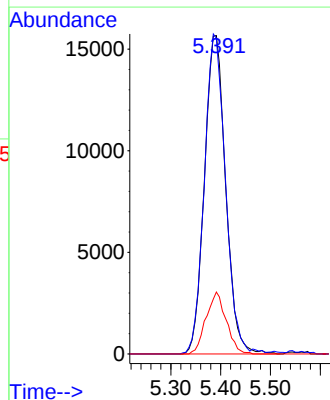
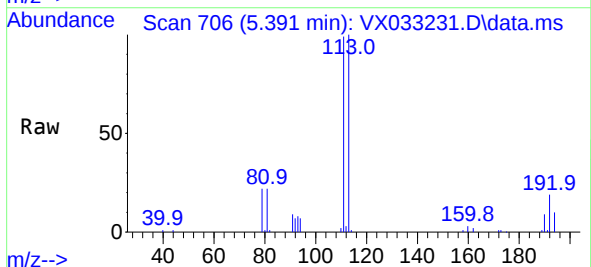
Instrument :
MSVOA_X
ClientSampleId :
TB

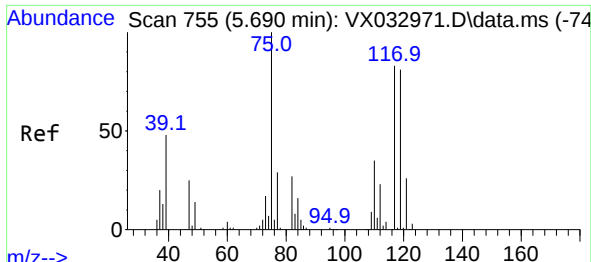
Tgt Ion:114 Resp: 167559
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.054 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033231.D
Acq: 05 Dec 2022 17:23

Tgt Ion:113 Resp: 46338
Ion Ratio Lower Upper
113 100
111 100.1 82.4 123.6
192 18.5 15.4 23.2

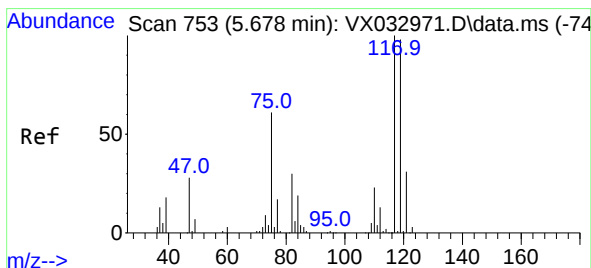
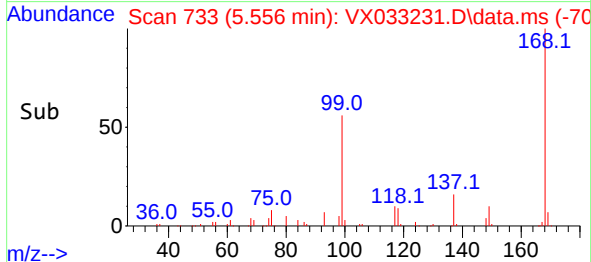
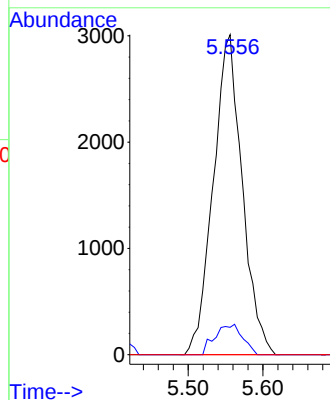
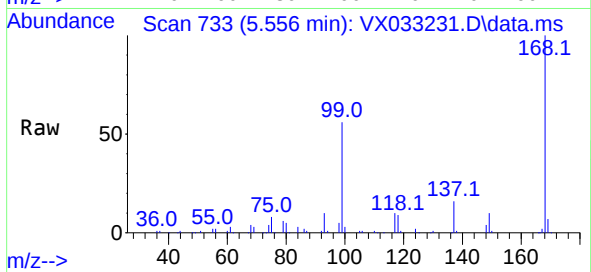




#36
1,1-Dichloropropene
Concen: 5.365 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX033231.D
Acq: 05 Dec 2022 17:23

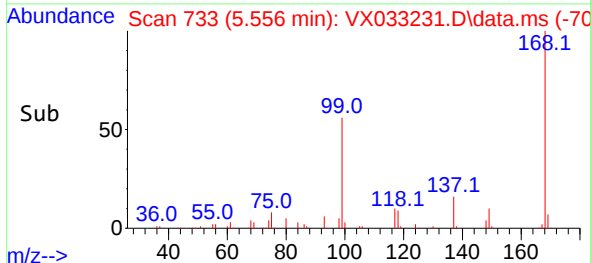
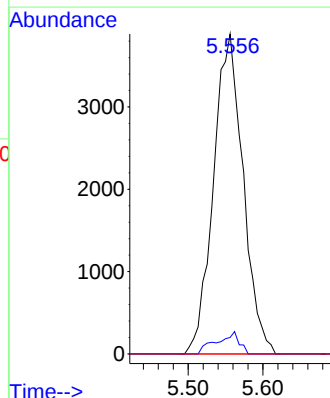
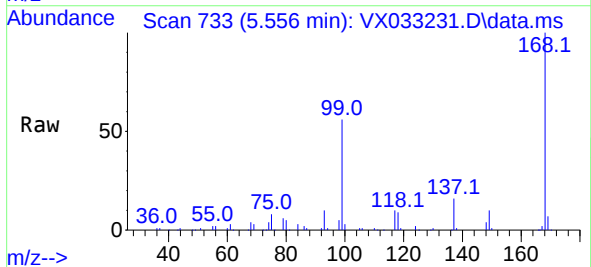
Instrument :
MSVOA_X
ClientSampleId :
TB

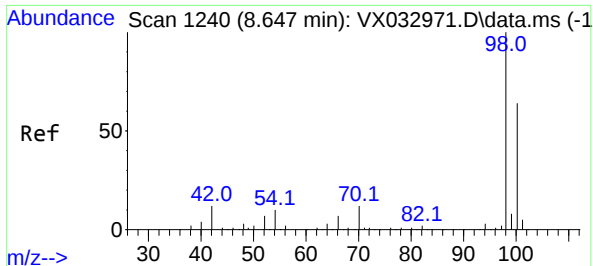
Tgt Ion: 75 Resp: 8103
Ion Ratio Lower Upper
75 100
110 9.1 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.395 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX033231.D
Acq: 05 Dec 2022 17:23

Tgt Ion: 117 Resp: 10716
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 25.8 38.6#

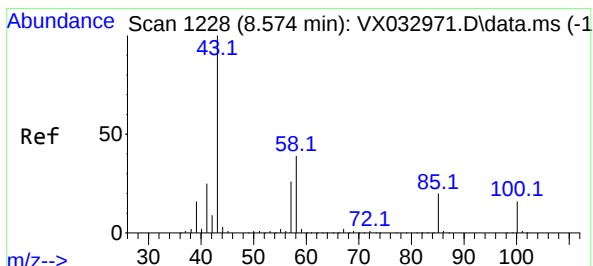
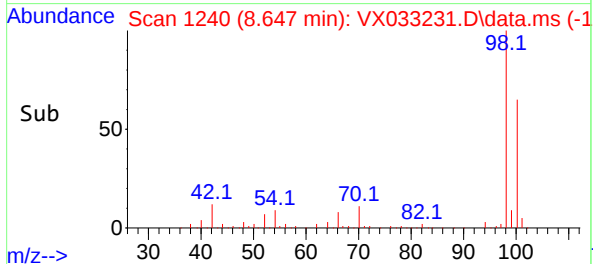
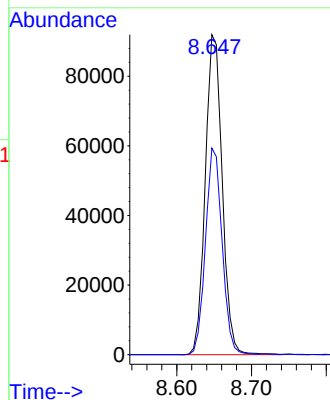
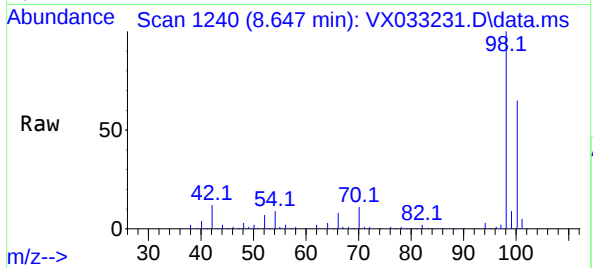




#50
Toluene-d8
Concen: 50.928 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033231.D
Acq: 05 Dec 2022 17:23

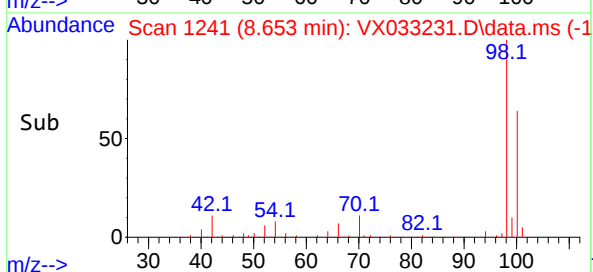
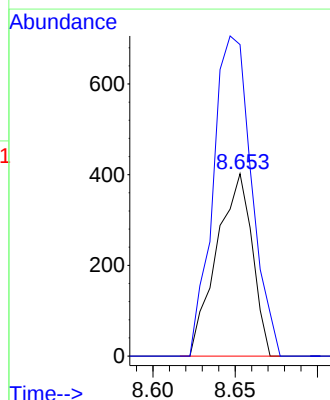
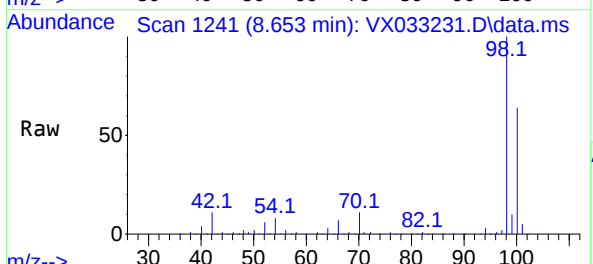
Instrument :
MSVOA_X
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TB

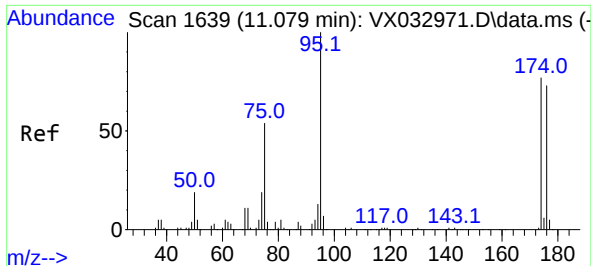
Tgt Ion: 98 Resp: 144634
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.448 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX033231.D
Acq: 05 Dec 2022 17:23

Tgt Ion: 43 Resp: 602
Ion Ratio Lower Upper
43 100
58 190.4 30.9 46.3#

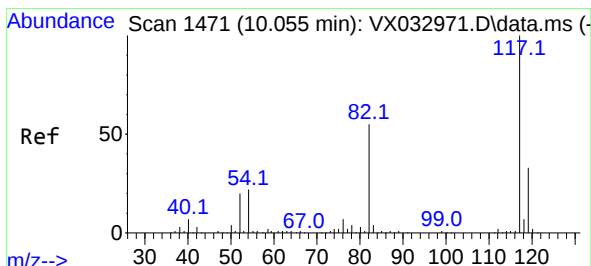
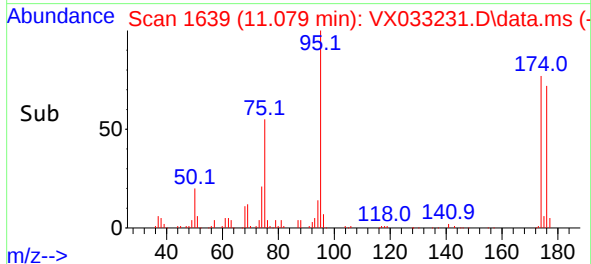
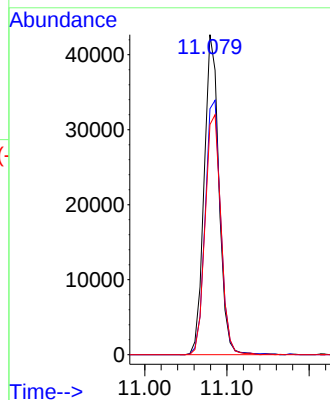
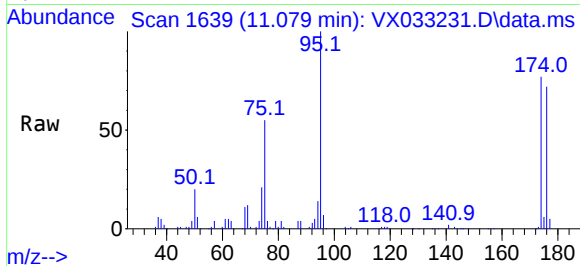




#62
4-Bromofluorobenzene
Concen: 42.987 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033231.D
Acq: 05 Dec 2022 17:23

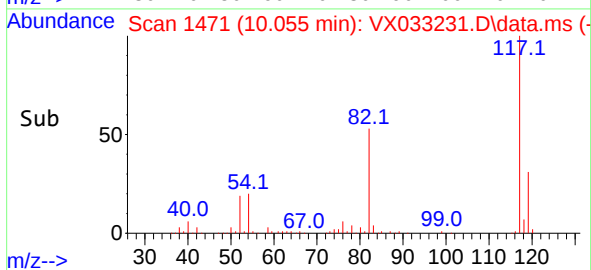
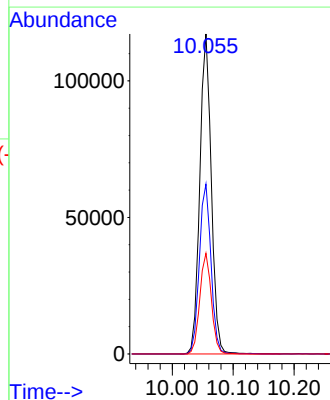
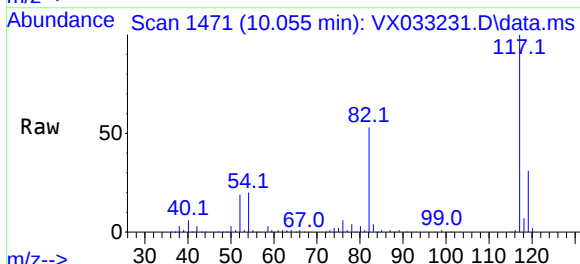
Instrument :
MSVOA_X
ClientSampleId :
TB

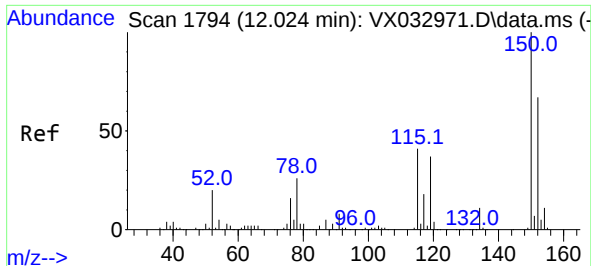
Tgt Ion: 95 Resp: 53341
Ion Ratio Lower Upper
95 100
174 83.1 0.0 164.0
176 79.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033231.D
Acq: 05 Dec 2022 17:23

Tgt Ion: 117 Resp: 153620
Ion Ratio Lower Upper
117 100
82 53.0 44.3 66.5
119 31.5 25.7 38.5

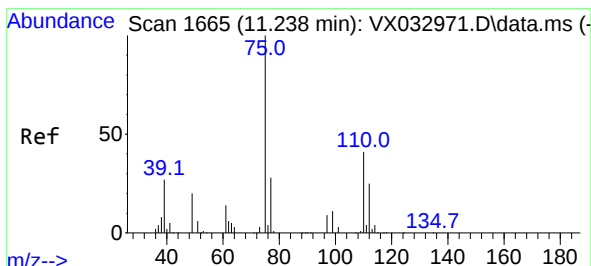
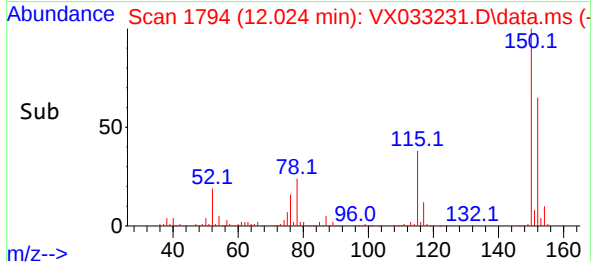
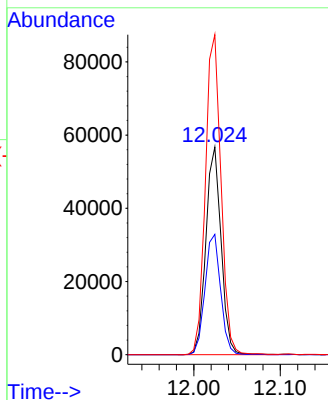
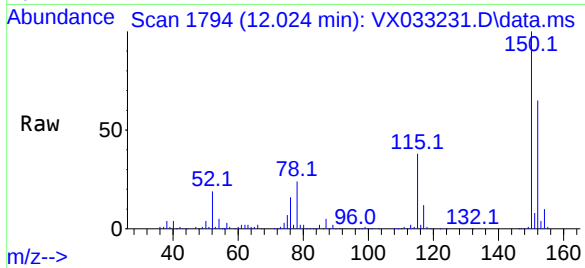




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033231.D
Acq: 05 Dec 2022 17:23

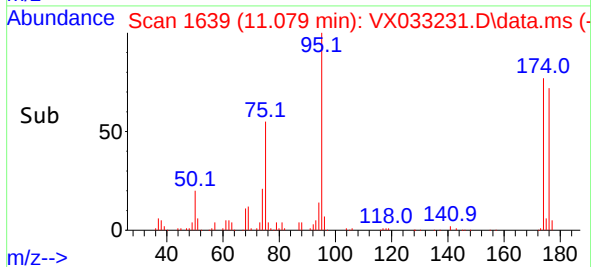
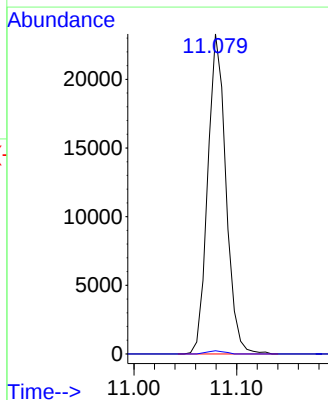
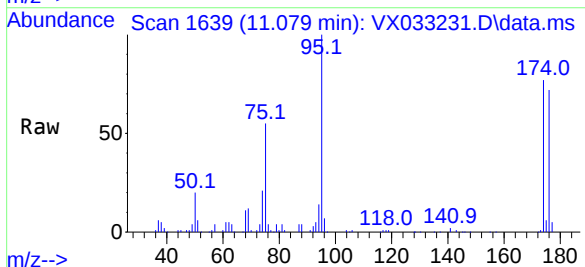
Instrument :
MSVOA_X
ClientSampleId :
TB

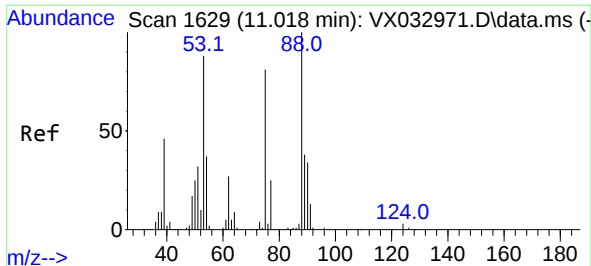
Tgt Ion:152 Resp: 69428
Ion Ratio Lower Upper
152 100
115 59.6 44.0 132.0
150 157.3 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 21.859 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033231.D
Acq: 05 Dec 2022 17:23

Tgt Ion: 75 Resp: 28742
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.053 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033231.D
Acq: 05 Dec 2022 17:23

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 75 Resp: 28742
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

