

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038649.D
 Acq On : 08 Nov 2023 12:35
 Operator : JC/MD
 Sample : 05196-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-10-31-23

Quant Time: Nov 09 01:19:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

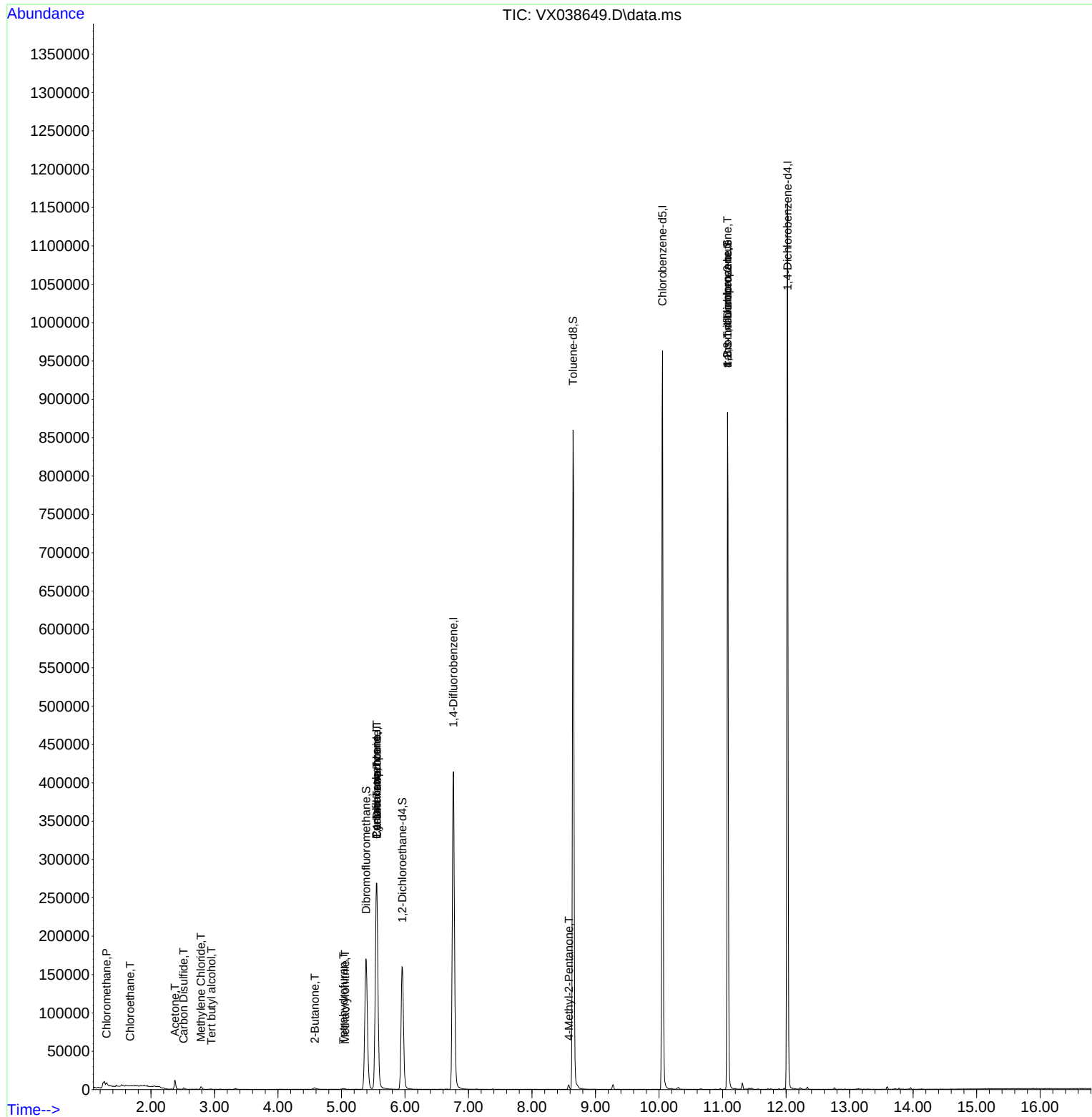
Internal Standards						
1) Pentafluorobenzene	5.550	168	280546	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	462125	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	471740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	268406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160704	46.011	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.020%
35) Dibromofluoromethane	5.385	113	150892	45.335	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.680%
50) Toluene-d8	8.647	98	543138	45.603	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.200%#
62) 4-Bromofluorobenzene	11.079	95	235735	51.050	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.100%
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	2639	1.048	ug/l	95
6) Chloroethane	1.672	64	492	0.290	ug/l	# 60
11) Tert butyl alcohol	2.953	59	469	0.657	ug/l	# 78
16) Acetone	2.380	43	12513	8.507	ug/l	94
17) Carbon Disulfide	2.514	76	1473	0.212	ug/l	97
20) Methylene Chloride	2.788	84	1770	0.597	ug/l	82
25) 2-Butanone	4.580	43	3576	1.678	ug/l	97
29) Tetrahydrofuran	5.032	42	939	0.708	ug/l	# 78
31) Cyclohexane	5.556	56	4556	1.179	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	19131	4.627	ug/l	# 52
38) Carbon Tetrachloride	5.556	117	26623	5.760	ug/l	# 15
41) Methacrylonitrile	5.056	41	740	0.344	ug/l	# 25
51) 4-Methyl-2-Pentanone	8.580	43	3824	0.904	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	116643	21.943	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	116643	66.366	ug/l	# 5

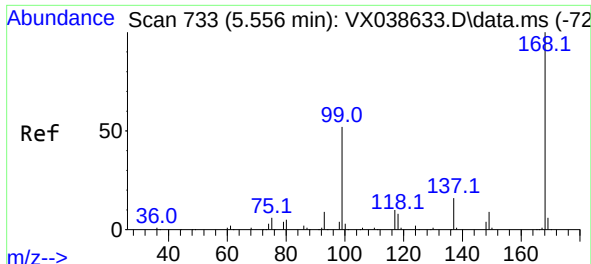
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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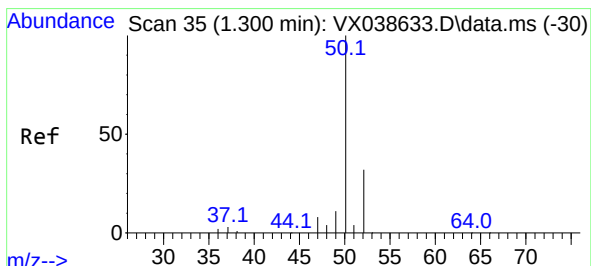
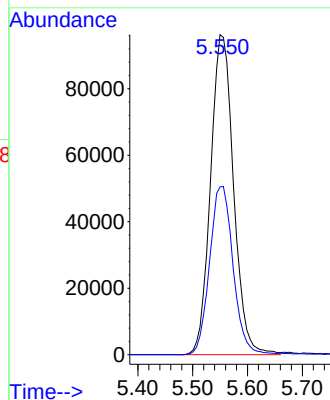
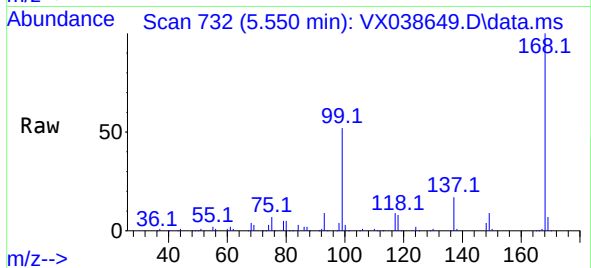




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

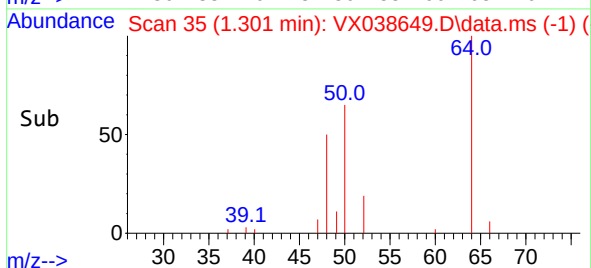
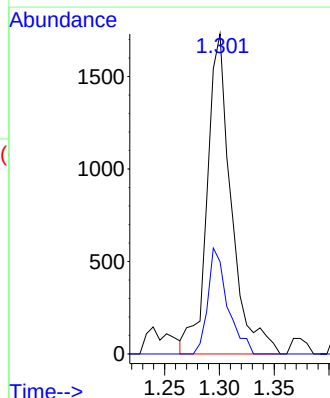
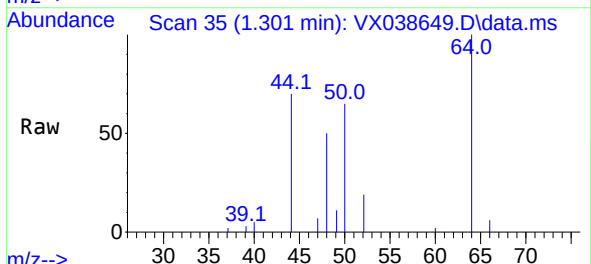
Instrument :
MSVOA_X
ClientSampleId :
TB-10-31-23

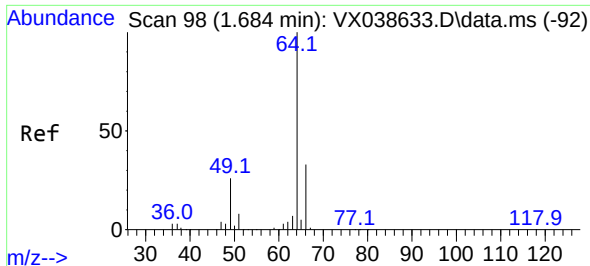
Tgt Ion:168 Resp: 280546
Ion Ratio Lower Upper
168 100
99 52.4 56.6 85.0#



#3
Chloromethane
Concen: 1.048 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

Tgt Ion: 50 Resp: 2639
Ion Ratio Lower Upper
50 100
52 28.8 25.5 38.3

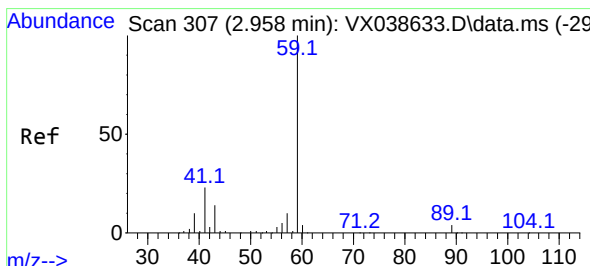
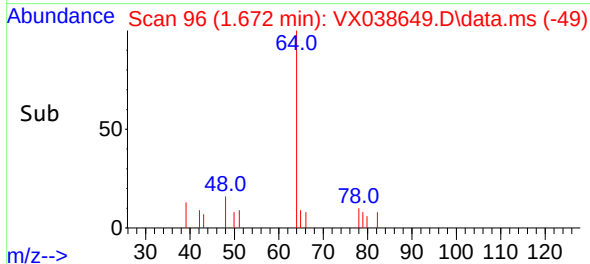
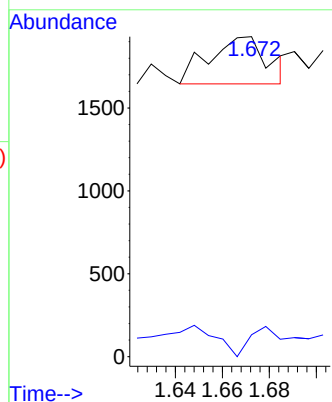
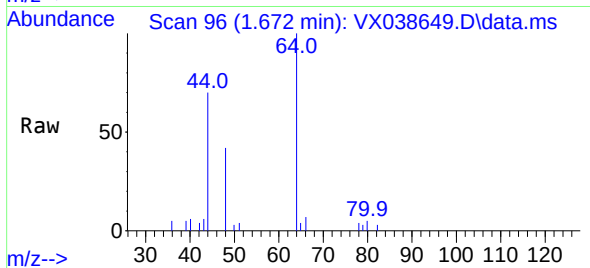




#6
Chloroethane
Concen: 0.290 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.012 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

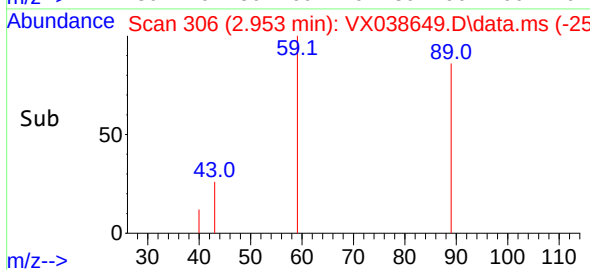
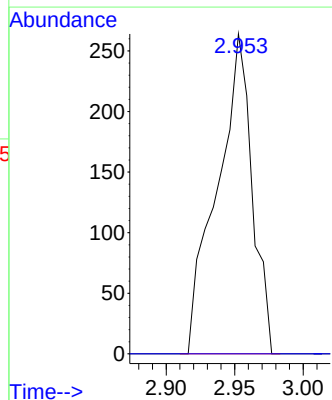
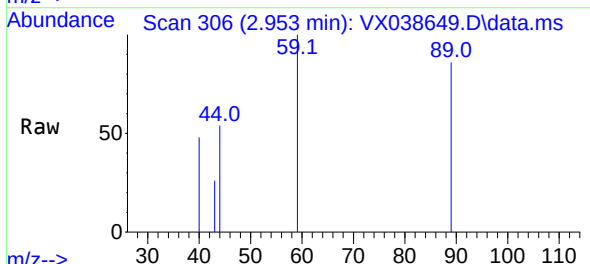
Instrument :
MSVOA_X
ClientSampleId :
TB-10-31-23

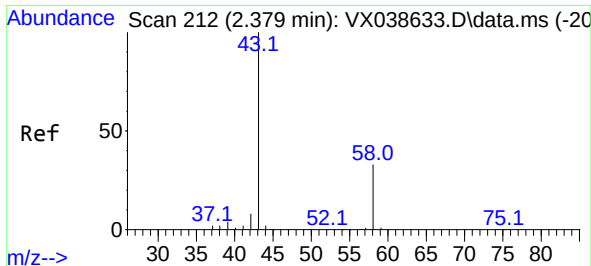
Tgt Ion: 64 Resp: 492
Ion Ratio Lower Upper
64 100
66 9.5 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.657 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

Tgt Ion: 59 Resp: 469
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

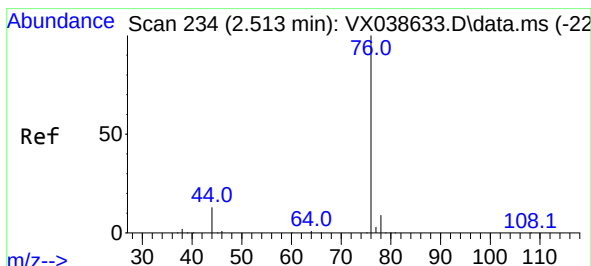
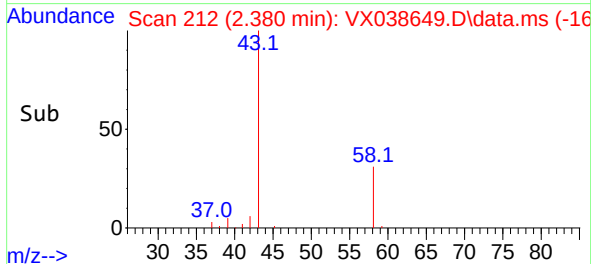
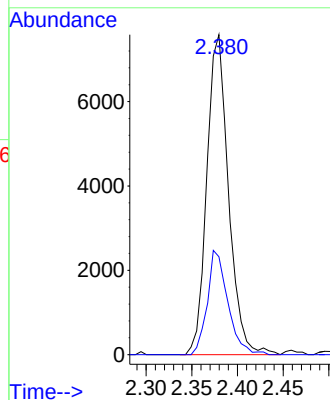
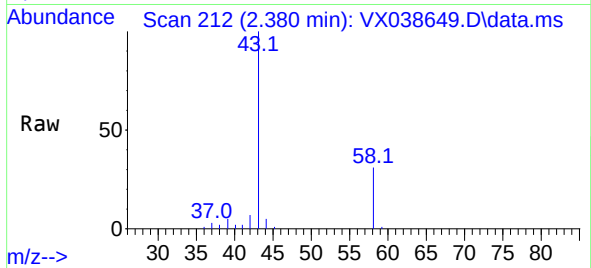




#16
Acetone
Concen: 8.507 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

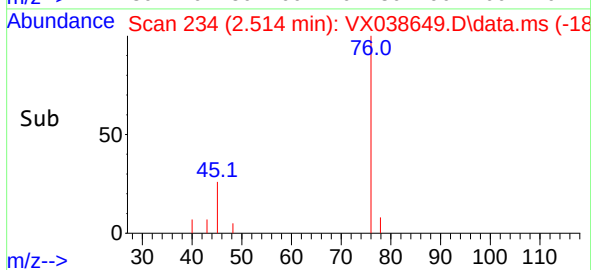
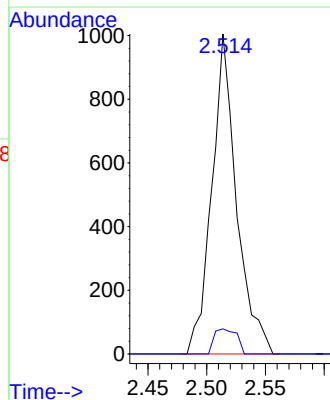
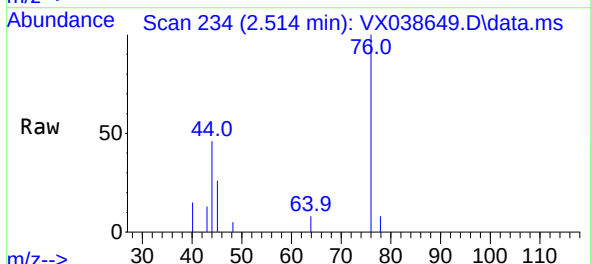
Instrument :
MSVOA_X
ClientSampleId :
TB-10-31-23

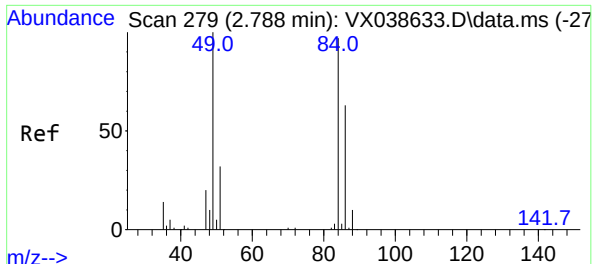
Tgt Ion: 43 Resp: 12513
Ion Ratio Lower Upper
43 100
58 30.6 21.9 32.9



#17
Carbon Disulfide
Concen: 0.212 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

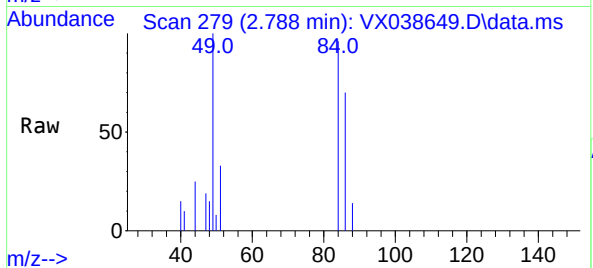
Tgt Ion: 76 Resp: 1473
Ion Ratio Lower Upper
76 100
78 7.9 7.0 10.6





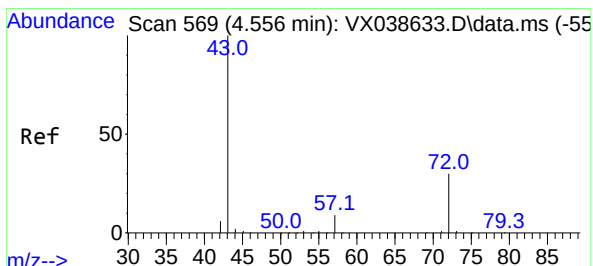
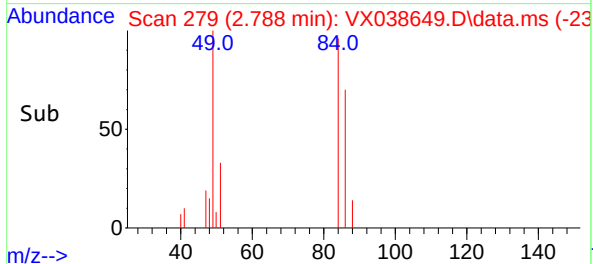
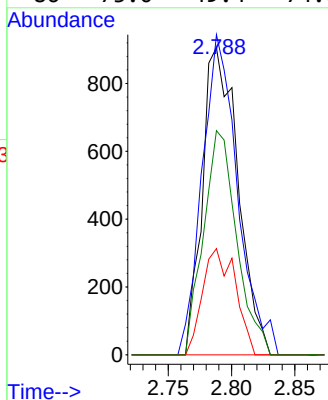
#20
Methylene Chloride
Concen: 0.597 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

Instrument :
MSVOA_X
ClientSampleId :
TB-10-31-23



Tgt Ion: 84 Resp: 1770

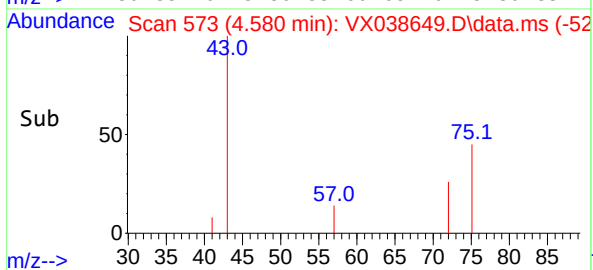
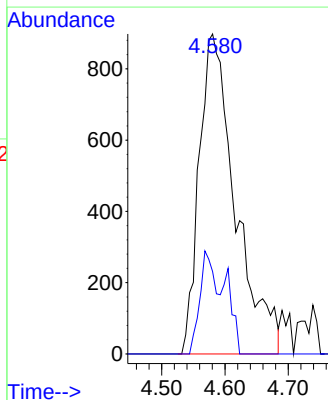
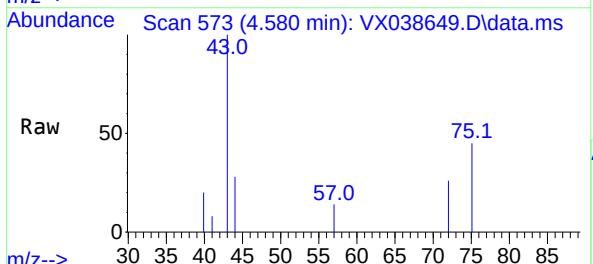
Ion	Ratio	Lower	Upper
84	100		
49	104.2	103.6	155.4
51	34.5	33.8	50.6
86	73.0	49.4	74.0

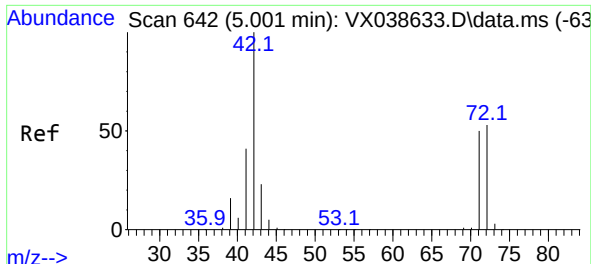


#25
2-Butanone
Concen: 1.678 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.025 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

Tgt Ion: 43 Resp: 3576

Ion	Ratio	Lower	Upper
43	100		
72	25.7	19.4	29.2





#29

Tetrahydrofuran

Concen: 0.708 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX038649.D

Acq: 08 Nov 2023 12:35

Instrument :

MSVOA_X

ClientSampleId :

TB-10-31-23

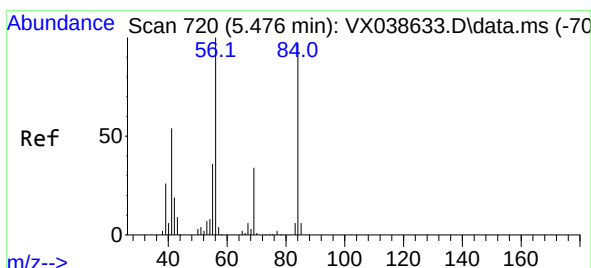
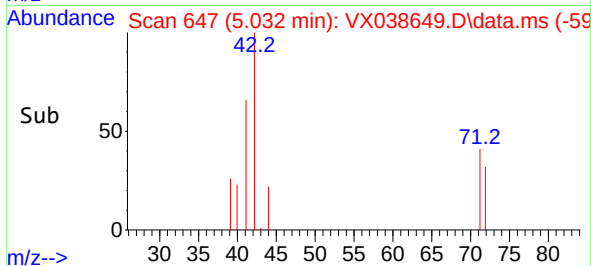
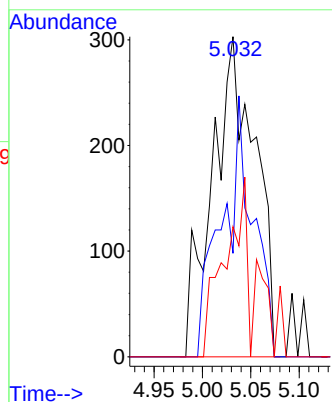
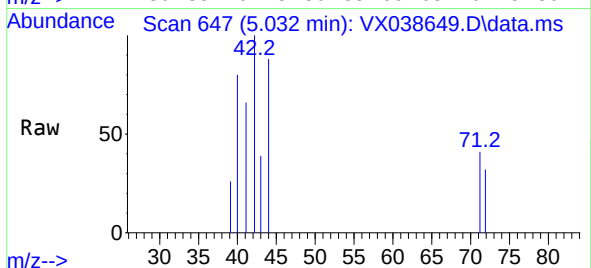
Tgt Ion: 42 Resp: 939

Ion Ratio Lower Upper

42 100

72 58.4 34.2 51.4#

71 28.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.179 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX038649.D

Acq: 08 Nov 2023 12:35

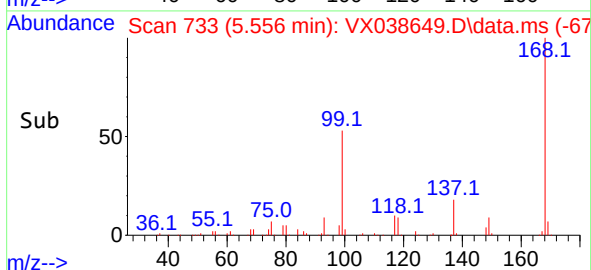
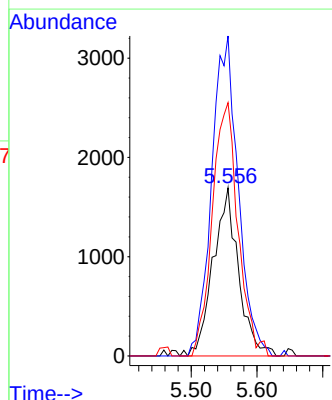
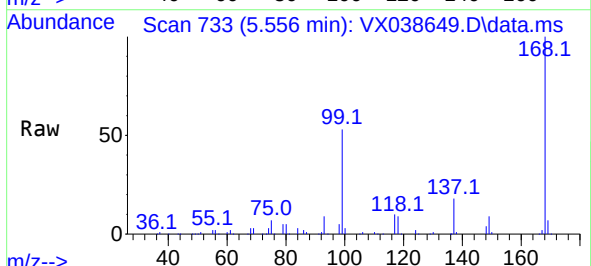
Tgt Ion: 56 Resp: 4556

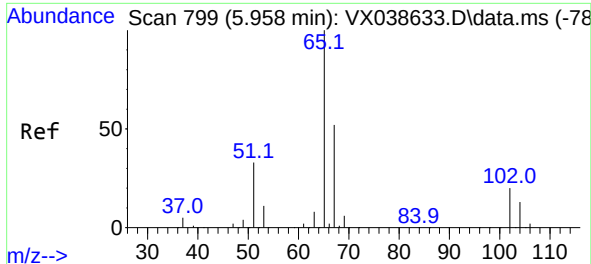
Ion Ratio Lower Upper

56 100

69 190.3 23.4 35.2#

84 150.6 65.9 98.9#

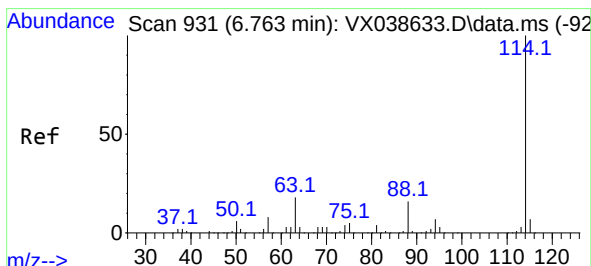
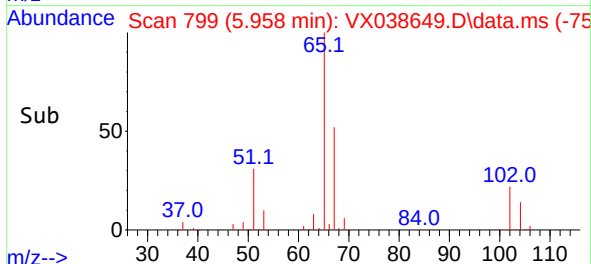
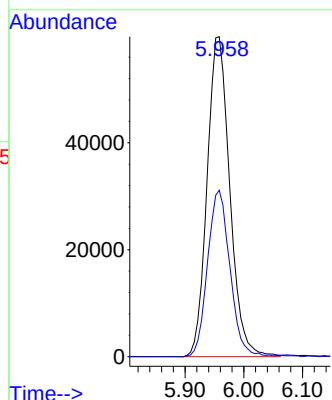
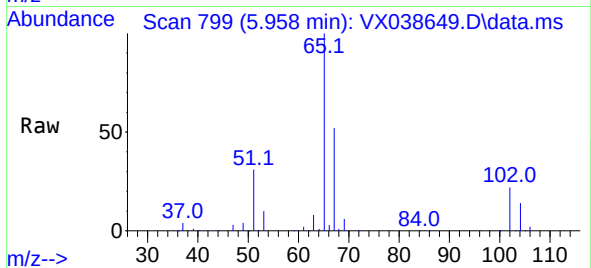




#33
1,2-Dichloroethane-d4
Concen: 46.011 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

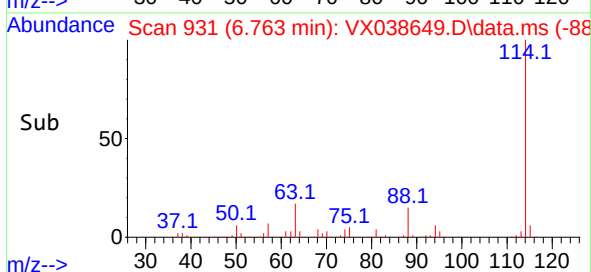
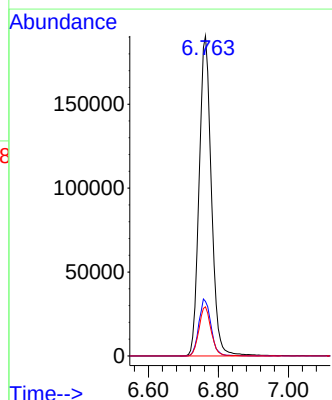
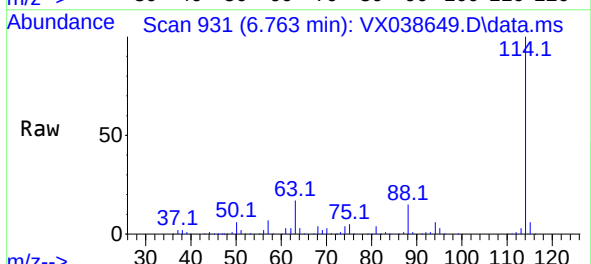
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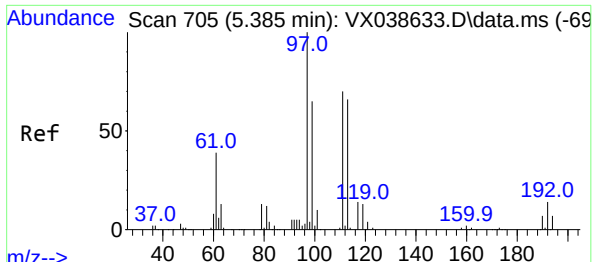
Tgt Ion: 65 Resp: 160704
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

Tgt Ion: 114 Resp: 462125
Ion Ratio Lower Upper
114 100
63 17.1 0.0 45.0
88 15.3 0.0 36.6

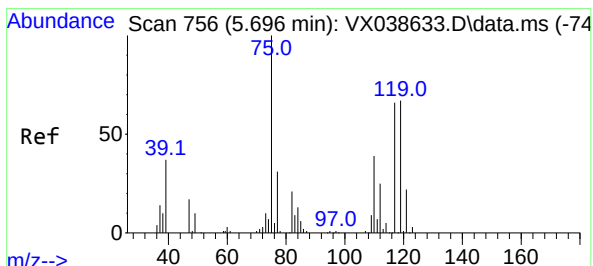
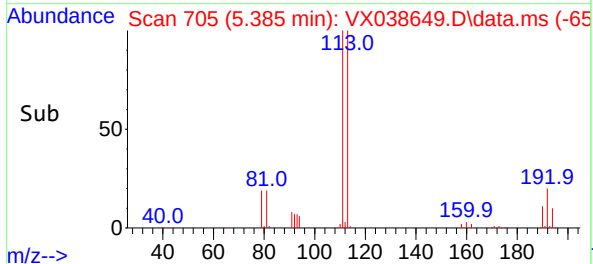
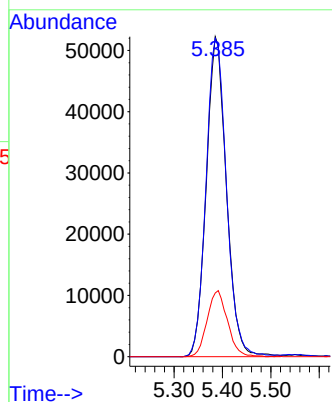
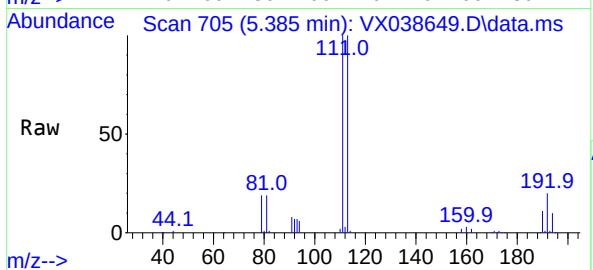




#35
Dibromofluoromethane
Concen: 45.335 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

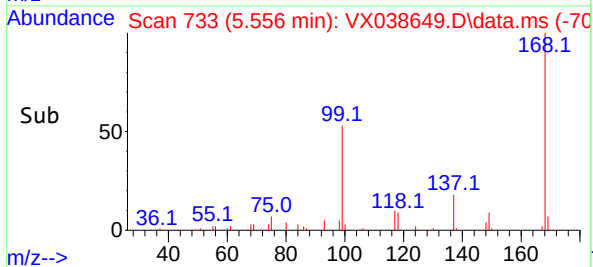
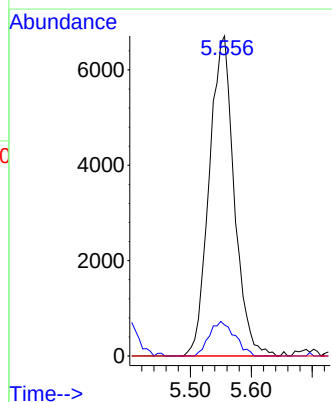
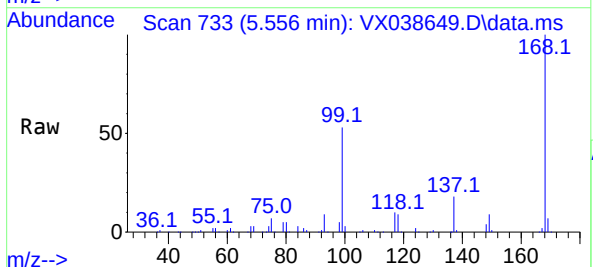
Instrument :
MSVOA_X
ClientSampleId :
TB-10-31-23

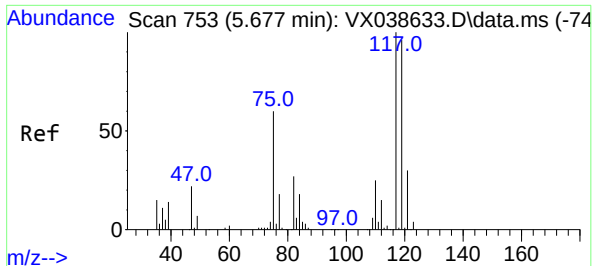
Tgt Ion:113 Resp: 150892
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 20.9 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.627 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

Tgt Ion: 75 Resp: 19131
Ion Ratio Lower Upper
75 100
110 11.1 17.0 50.9#
77 0.0 24.7 37.1#

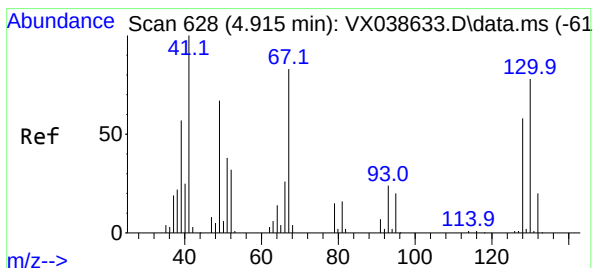
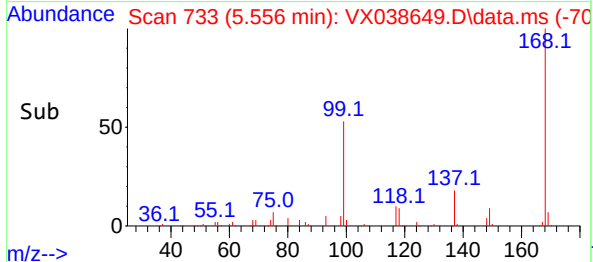
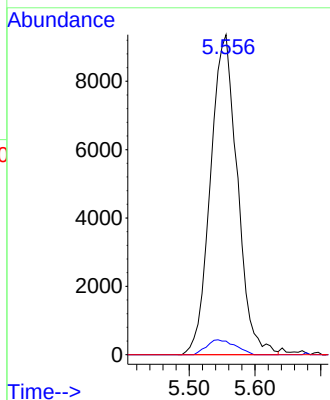
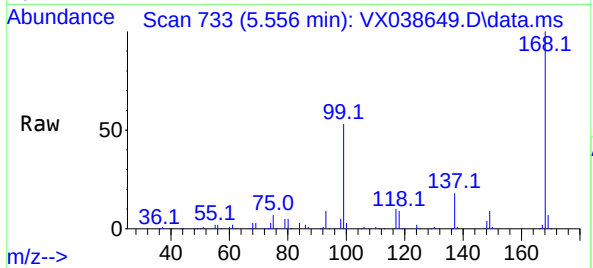




#38
Carbon Tetrachloride
Concen: 5.760 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

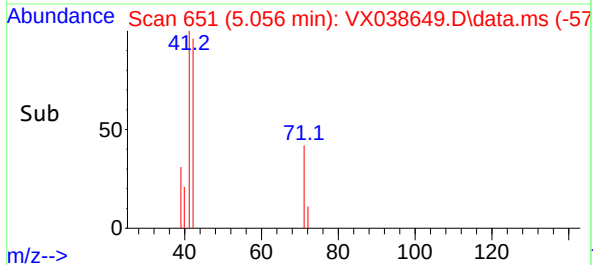
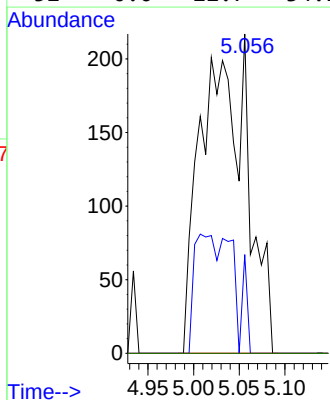
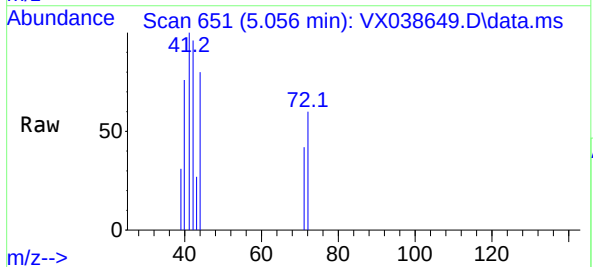
Instrument :
MSVOA_X
ClientSampleId :
TB-10-31-23

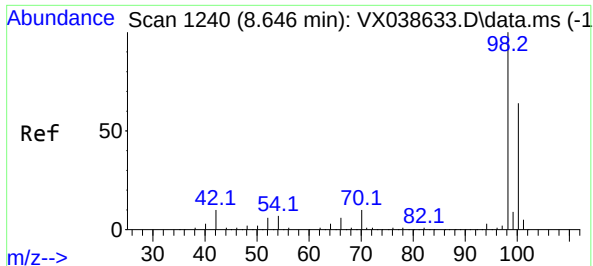
Tgt Ion:117 Resp: 26623
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.344 ug/l
RT: 5.056 min Scan# 651
Delta R.T. 0.141 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

Tgt Ion: 41 Resp: 740
Ion Ratio Lower Upper
41 100
39 0.0 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#





#50

Toluene-d8

Concen: 45.603 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038649.D

Acq: 08 Nov 2023 12:35

Instrument :

MSVOA_X

ClientSampleId :

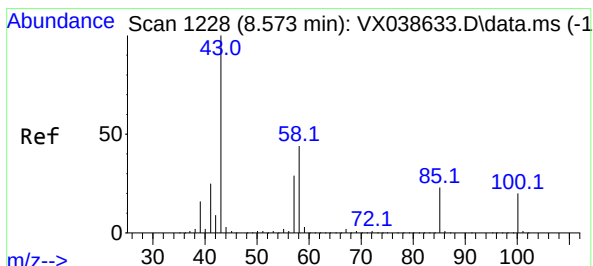
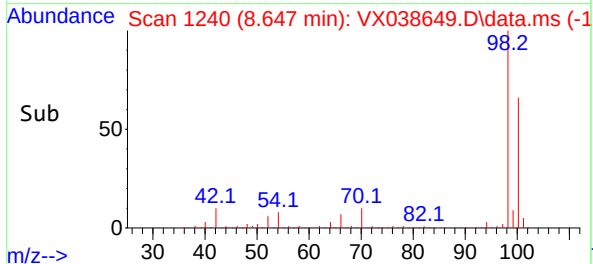
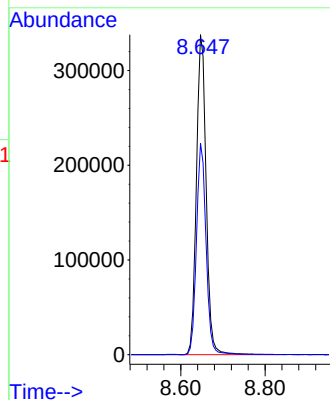
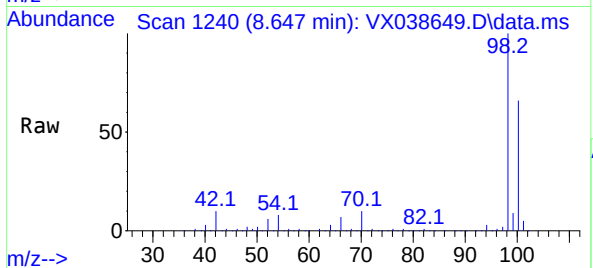
TB-10-31-23

Tgt Ion: 98 Resp: 543138

Ion Ratio Lower Upper

98 100

100 65.0 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.904 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX038649.D

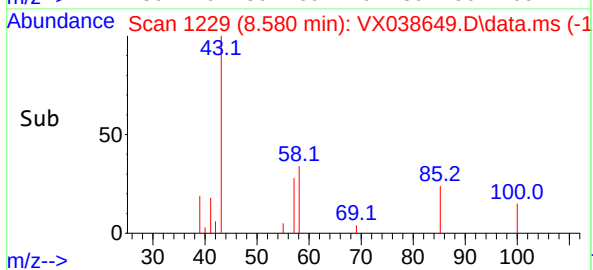
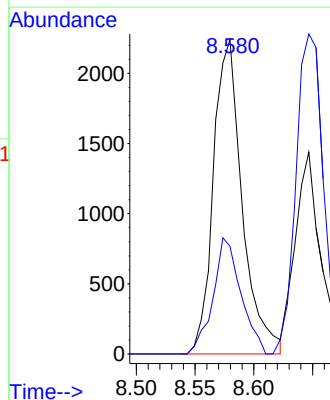
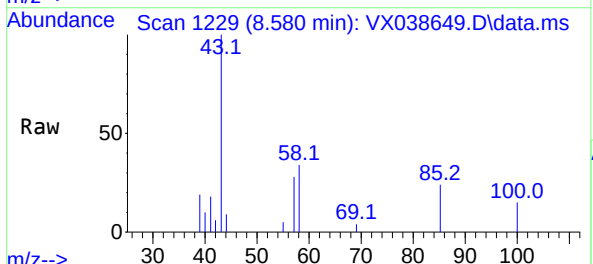
Acq: 08 Nov 2023 12:35

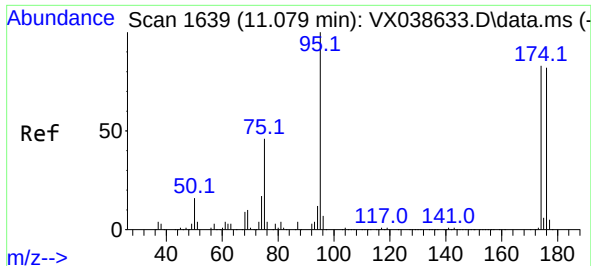
Tgt Ion: 43 Resp: 3824

Ion Ratio Lower Upper

43 100

58 35.8 30.4 45.6

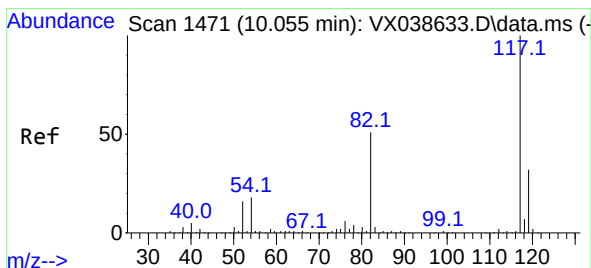
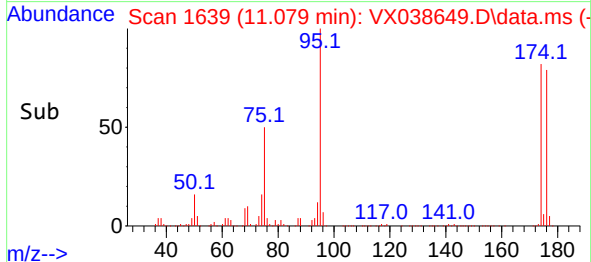
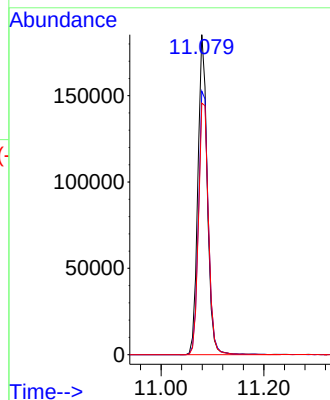
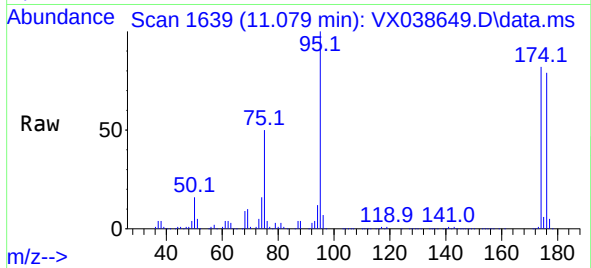




#62
4-Bromofluorobenzene
Concen: 51.050 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

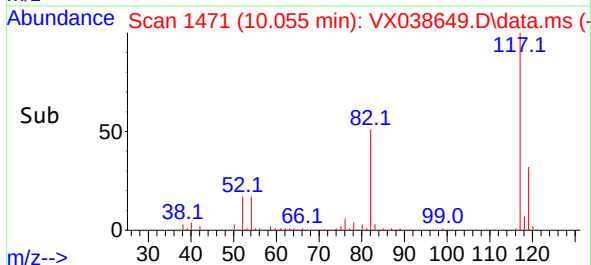
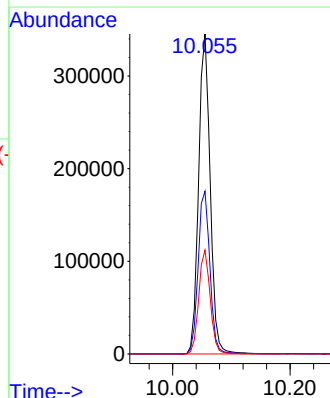
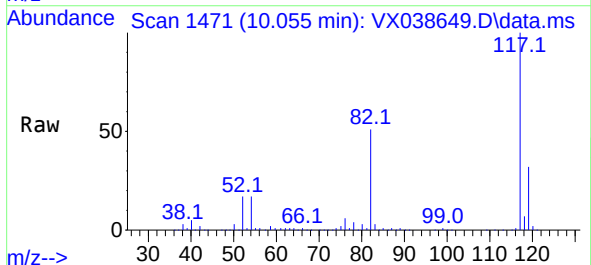
Instrument :
MSVOA_X
ClientSampleId :
TB-10-31-23

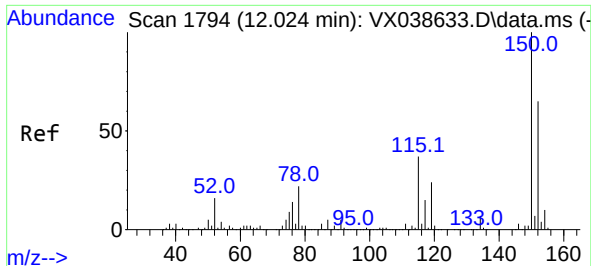
Tgt Ion: 95 Resp: 235735
Ion Ratio Lower Upper
95 100
174 85.8 0.0 135.6
176 83.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

Tgt Ion: 117 Resp: 471740
Ion Ratio Lower Upper
117 100
82 50.9 46.2 69.4
119 32.5 25.5 38.3

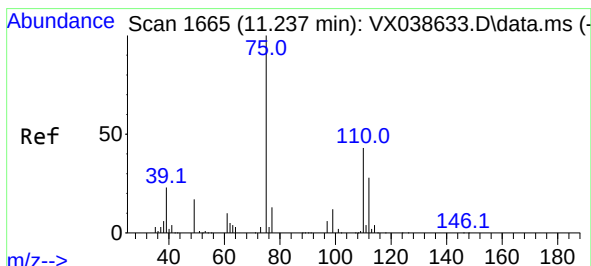
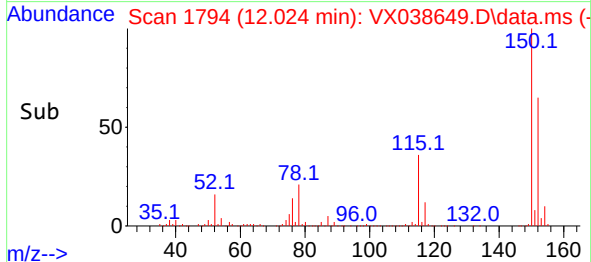
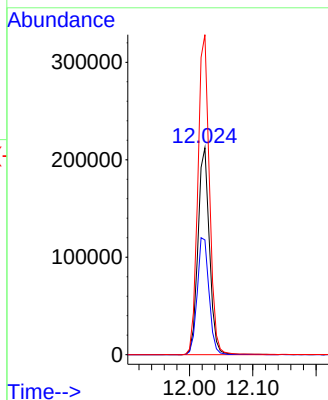
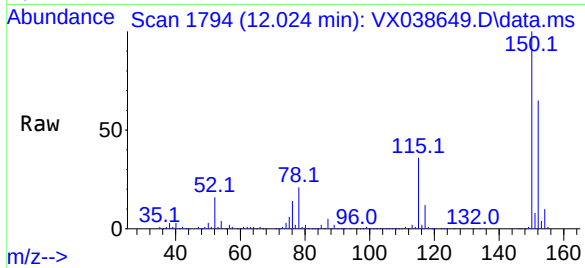




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

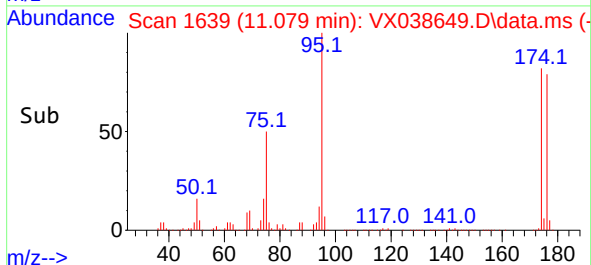
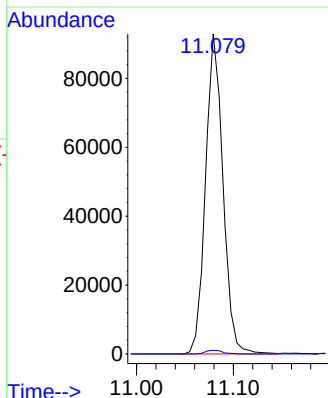
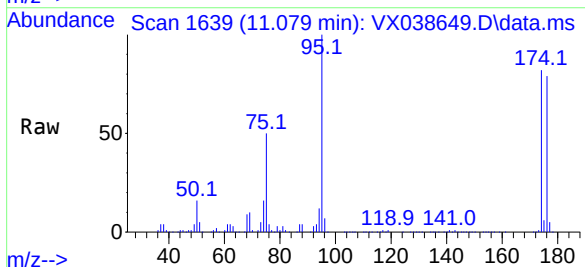
Instrument :
MSVOA_X
ClientSampleId :
TB-10-31-23

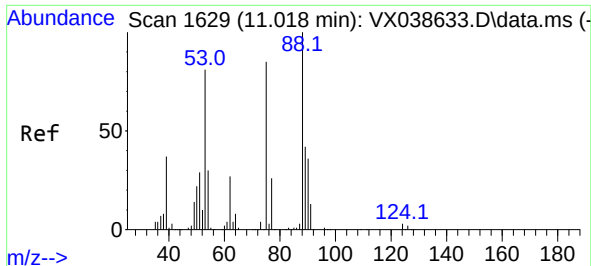
Tgt Ion:152 Resp: 268406
Ion Ratio Lower Upper
152 100
115 57.9 43.3 129.9
150 156.3 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 21.943 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

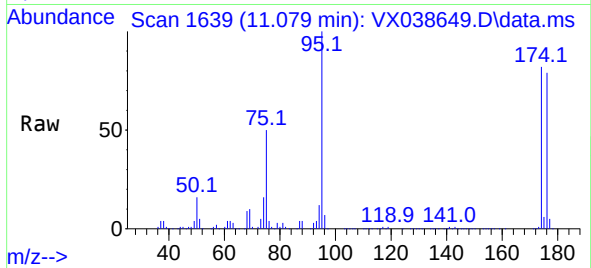
Tgt Ion: 75 Resp: 116643
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.366 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

Instrument :
MSVOA_X
ClientSampleId :
TB-10-31-23



Tgt Ion: 75 Resp: 116643
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

