

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)

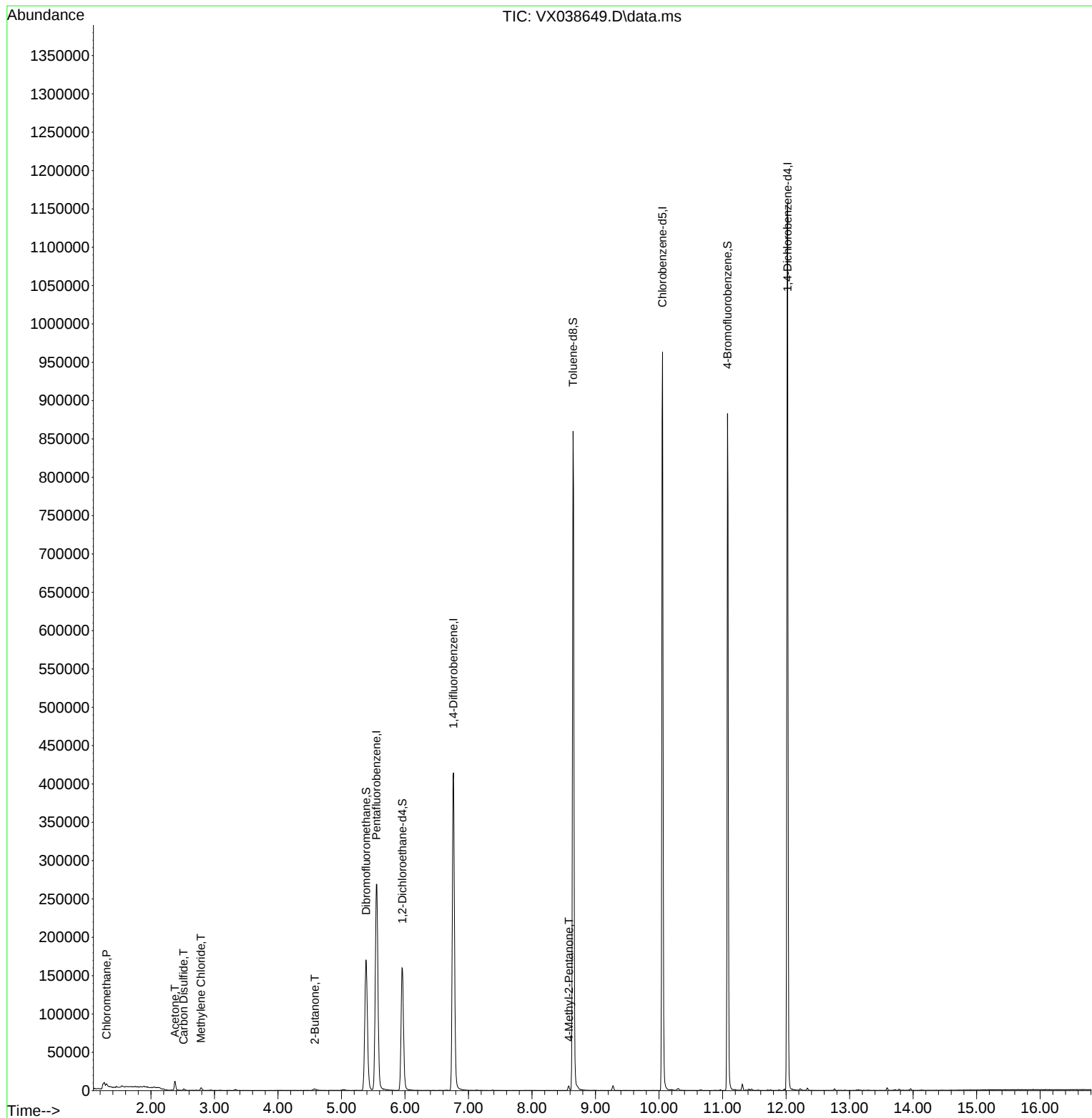
Internal Standards						
1) Pentafluorobenzene	5.550	168	280546	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	462125	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	471740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	268406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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
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
51) 4-Methyl-2-Pentanone	8.580	43	3824	0.904	ug/l	96

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

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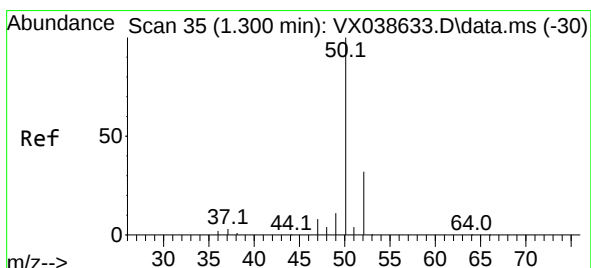
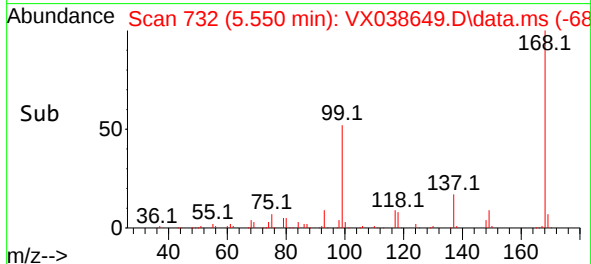
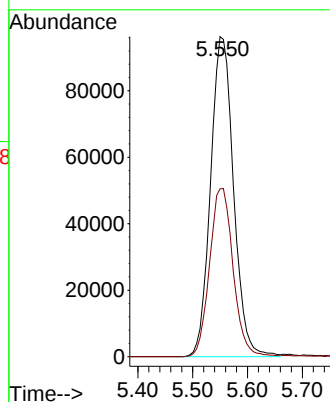
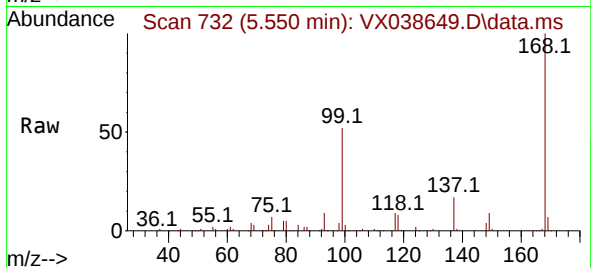




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

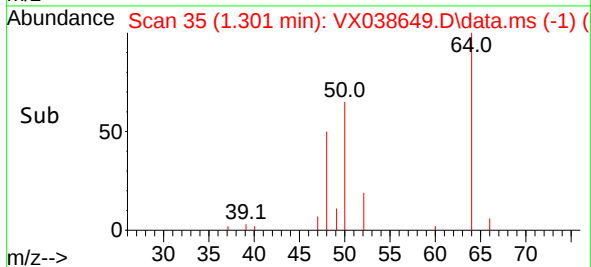
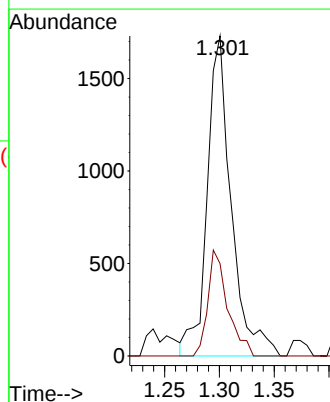
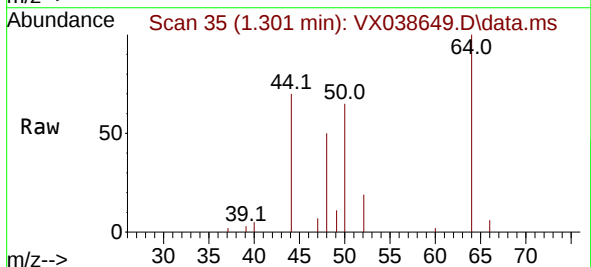
Instrument :
MSVOA_X
ClientSampleId :
TB-10-31-23

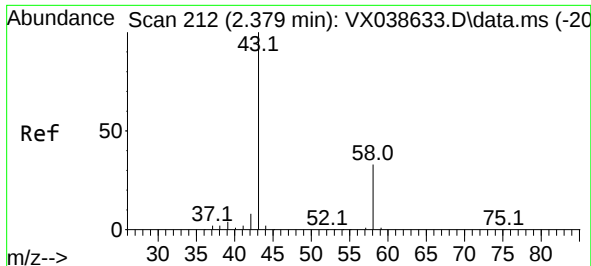
Tgt Ion:168 Resp: 280546
Ion Ratio Lower Upper
168 100
99 52.4 56.6 85.0#



#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

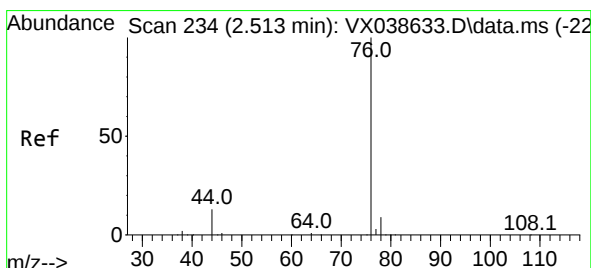
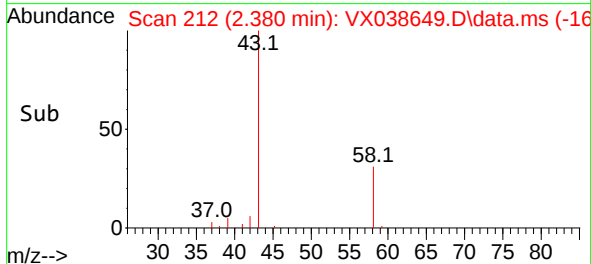
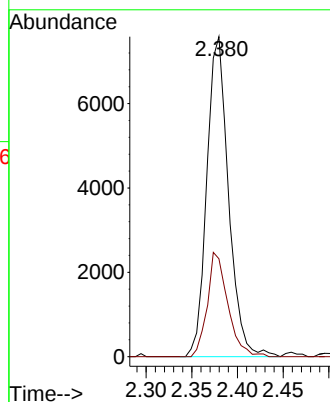
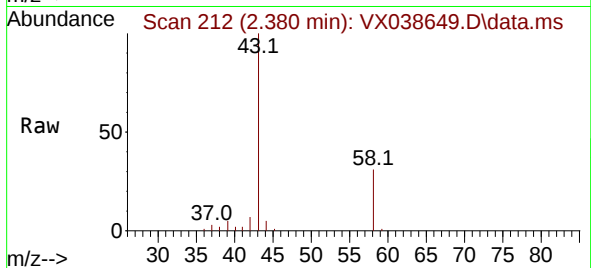




#16
Acetone
Concen: 8.507 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

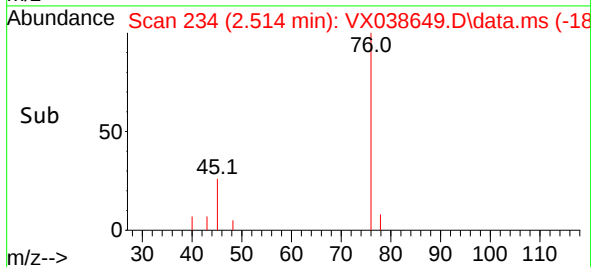
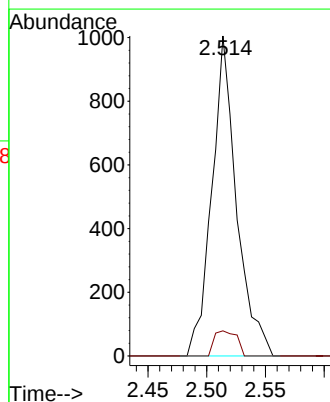
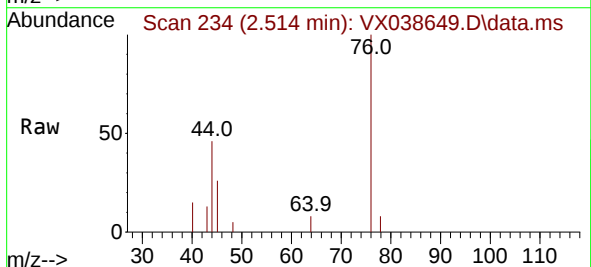
Instrument :
MSVOA_X
ClientSampleId :
TB-10-31-23

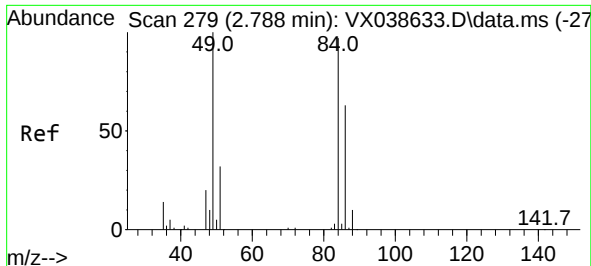
Tgt Ion: 43 Resp: 12513
Ion Ratio Lower Upper
43 100
58 30.6 21.9 32.9



#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

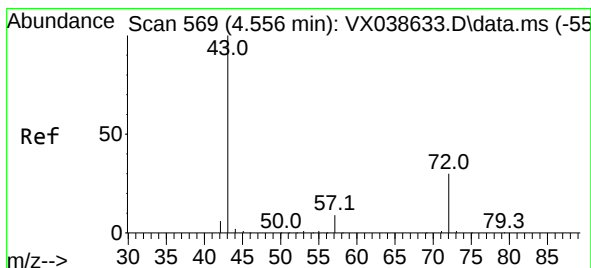
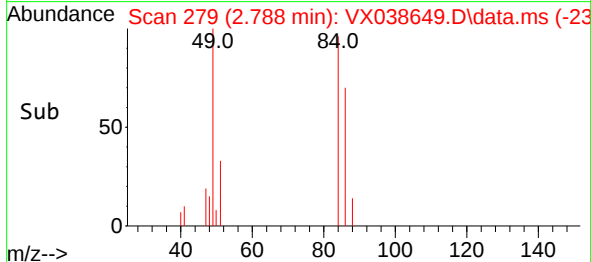
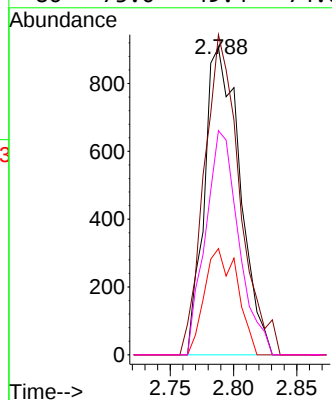
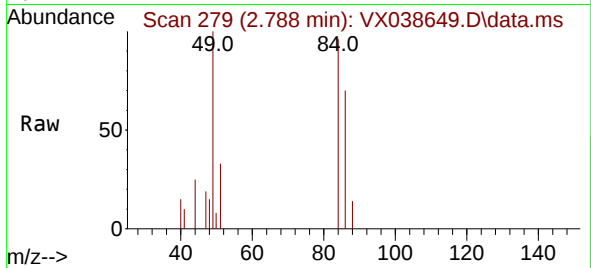




#20
Methylene Chloride
Concen: 0.597 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

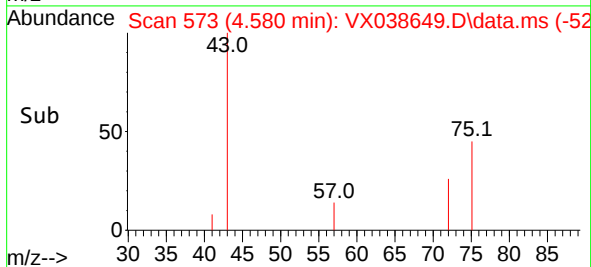
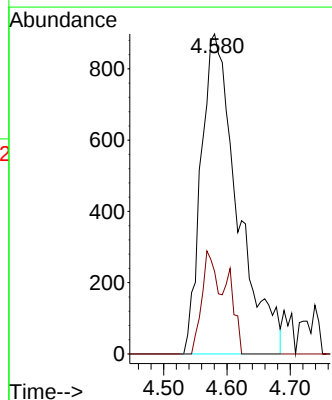
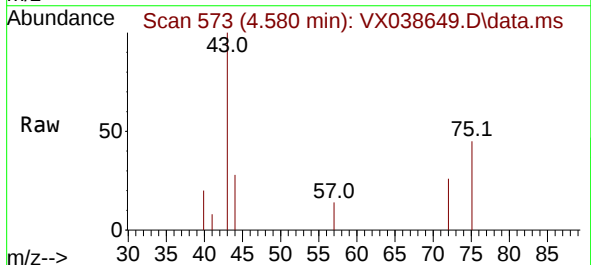
Instrument :
MSVOA_X
ClientSampleId :
TB-10-31-23

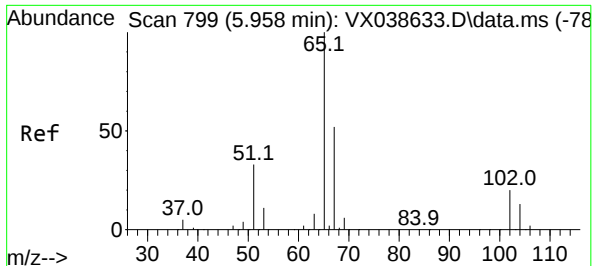
Tgt Ion:	84	Resp:	1770
Ion	Ratio	Lower	Upper
84	100		
49	104.2	103.6	155.4
51	34.5	33.8	50.6
86	73.0	49.4	74.0



#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





#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

Instrument :

MSVOA_X

ClientSampleId :

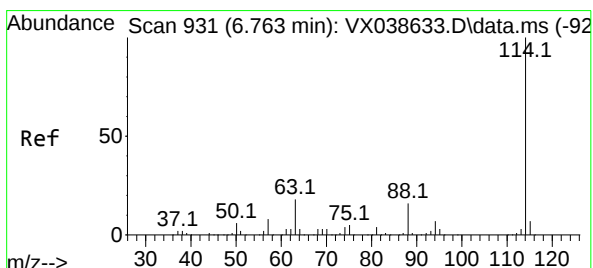
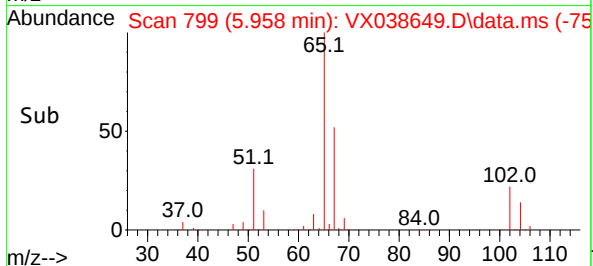
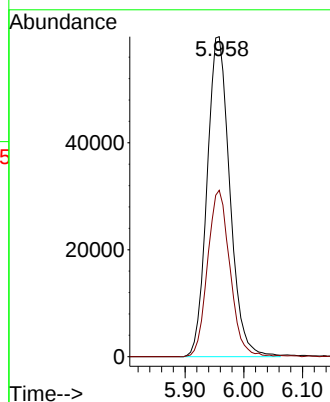
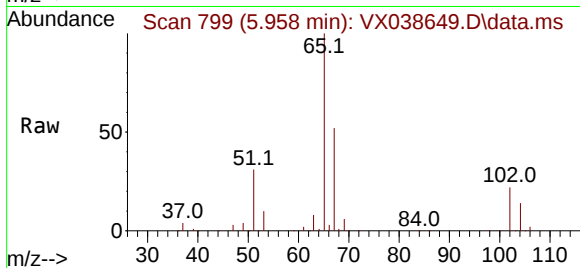
TB-10-31-23

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

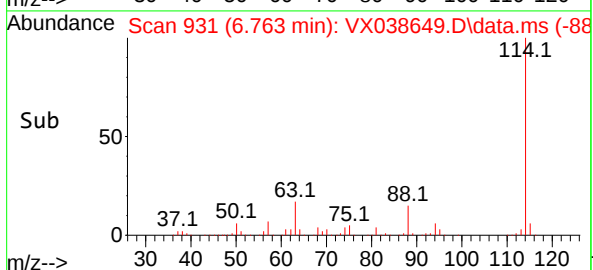
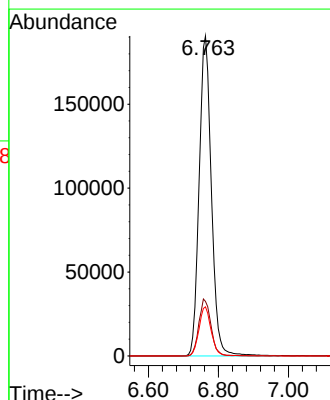
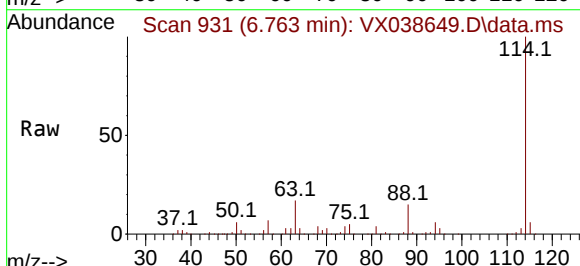
Tgt Ion: 114 Resp: 462125

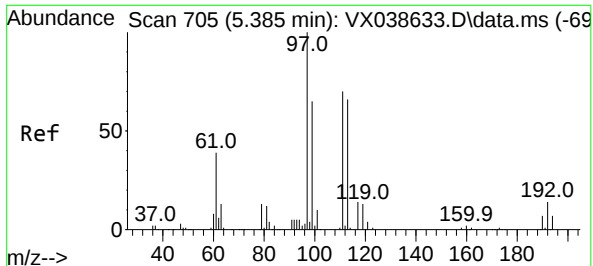
Ion Ratio Lower Upper

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

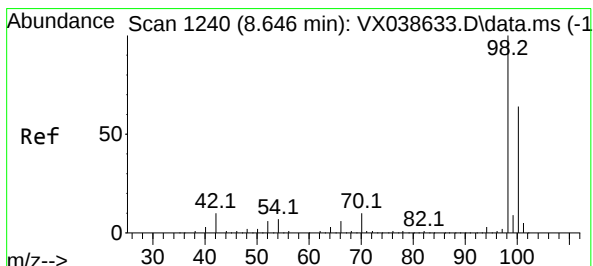
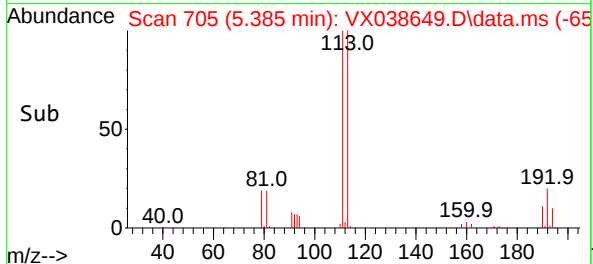
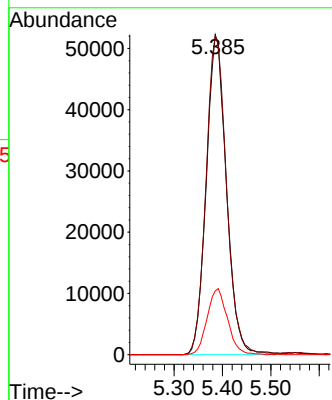
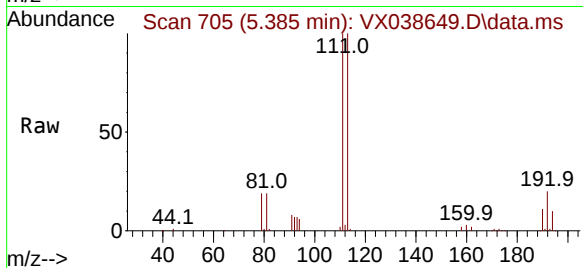
Tgt Ion:113 Resp: 150892

Ion Ratio Lower Upper

113 100

111 101.3 82.9 124.3

192 20.9 13.3 19.9#



#50

Toluene-d8

Concen: 45.603 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038649.D

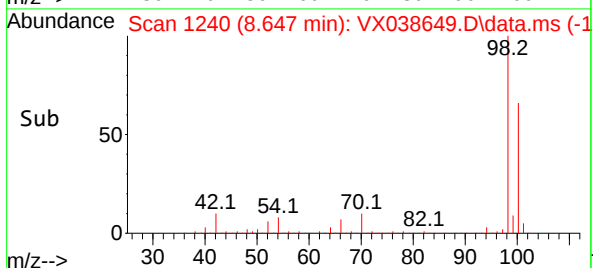
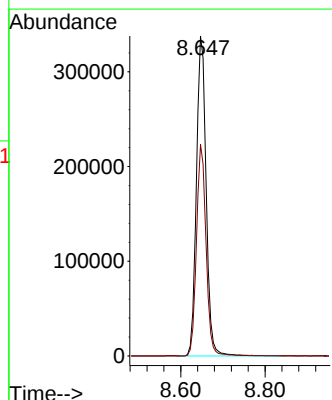
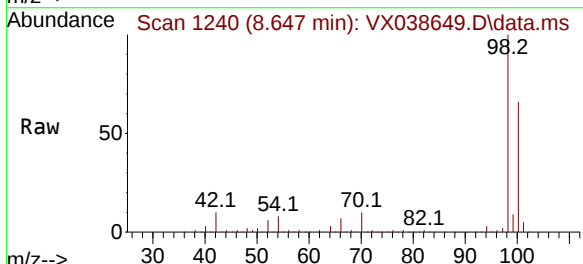
Acq: 08 Nov 2023 12:35

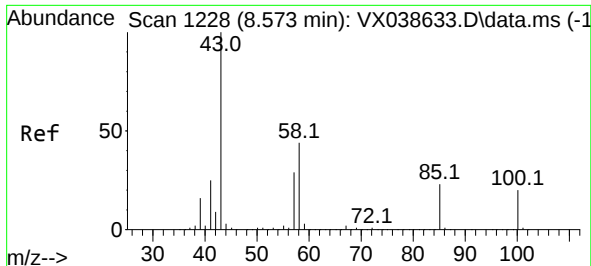
Tgt Ion: 98 Resp: 543138

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

Instrument :

MSVOA_X

ClientSampleId :

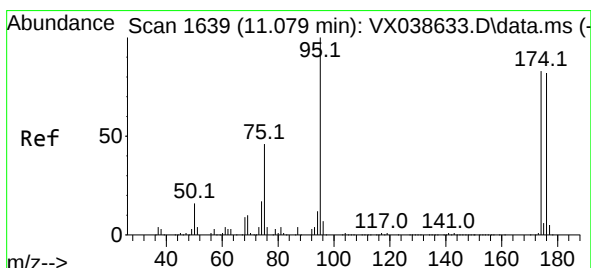
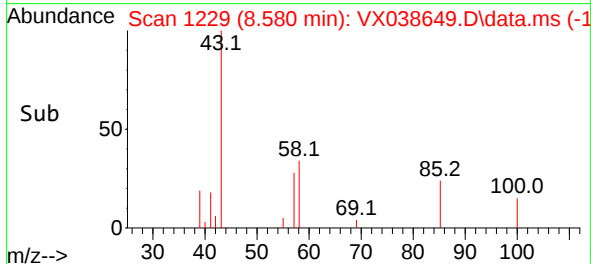
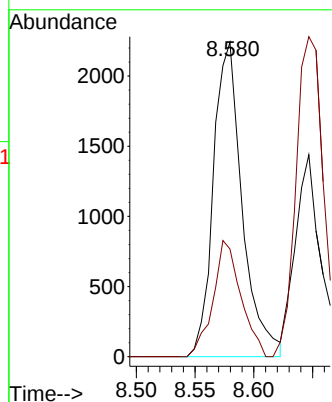
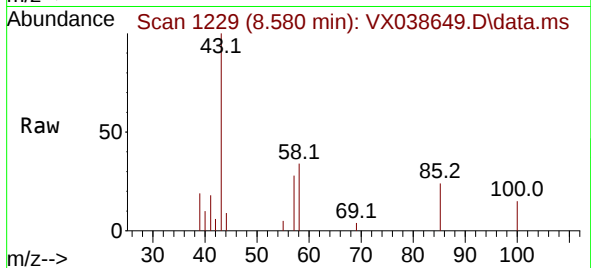
TB-10-31-23

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

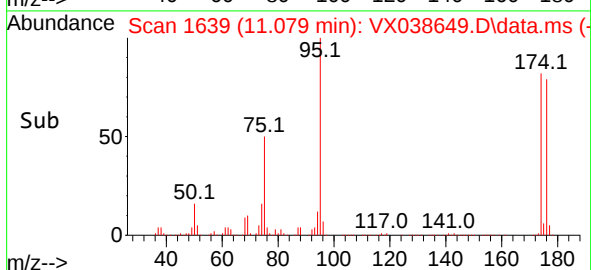
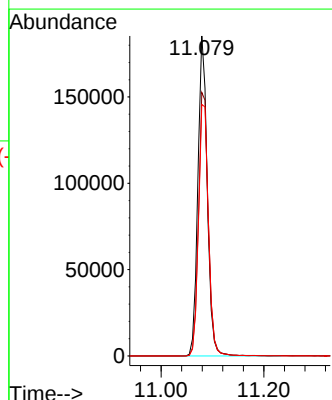
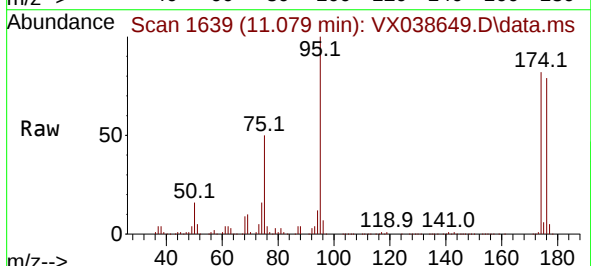
Tgt Ion: 95 Resp: 235735

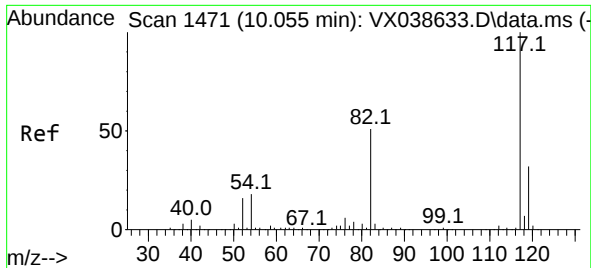
Ion Ratio Lower Upper

95 100

174 85.8 0.0 135.6

176 83.1 0.0 131.0

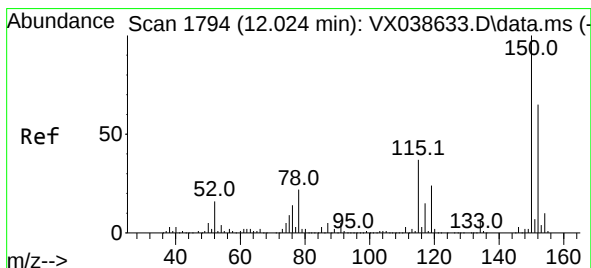
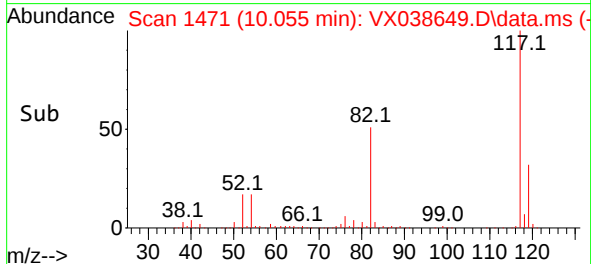
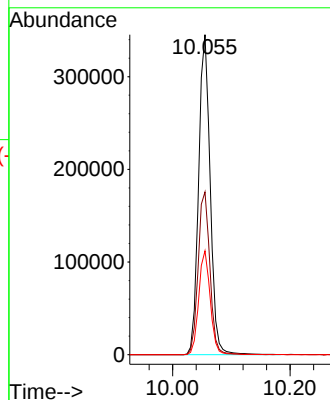
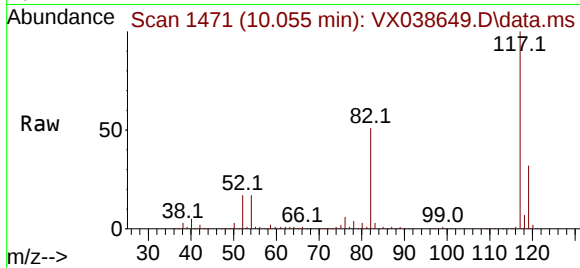




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

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

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# 1794
Delta R.T. 0.000 min
Lab File: VX038649.D
Acq: 08 Nov 2023 12:35

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

