

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038976.D
 Acq On : 21 Nov 2023 11:57
 Operator : JC/MD
 Sample : VX1121WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 22 03:16:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	106069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	218964	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109434	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85997	50.316	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.640%
35) Dibromofluoromethane	5.385	113	70340	44.479	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.960%
50) Toluene-d8	8.647	98	278400	46.012	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.020%
62) 4-Bromofluorobenzene	11.079	95	118502	48.926	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.860%

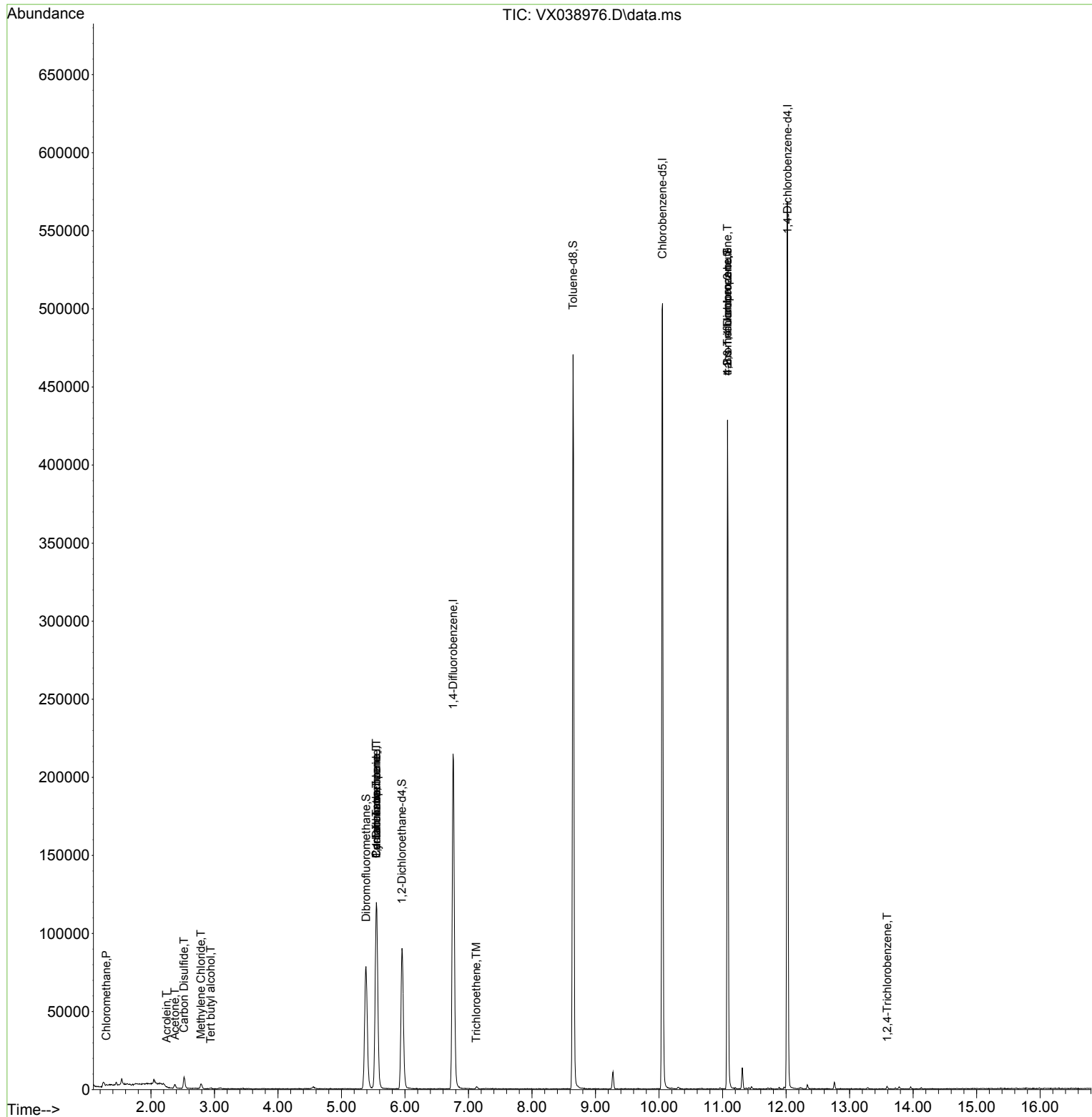
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.294	50	416	0.258	ug/l #	84
11) Tert butyl alcohol	2.940	59	223	0.469	ug/l #	78
13) Acrolein	2.245	56	149	0.592	ug/l #	81
16) Acetone	2.380	43	2750	3.023	ug/l	100
17) Carbon Disulfide	2.520	76	1334	0.326	ug/l #	76
20) Methylene Chloride	2.788	84	1505	0.918	ug/l	91
31) Cyclohexane	5.550	56	3218	1.319	ug/l #	33
36) 1,1-Dichloropropene	5.550	75	10228	4.513	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12076	5.765	ug/l #	15
44) Trichloroethene	7.123	130	560	0.343	ug/l	58
76) 1,2,3-Trichloropropane	11.079	75	64068	23.465	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	64068	52.048	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	524	0.220	ug/l	92

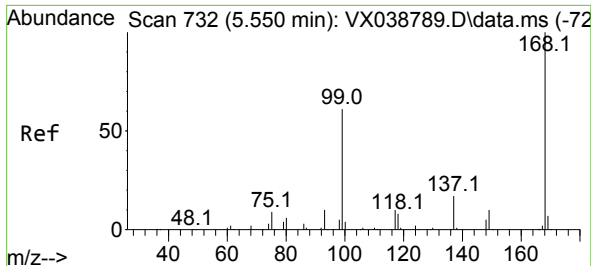
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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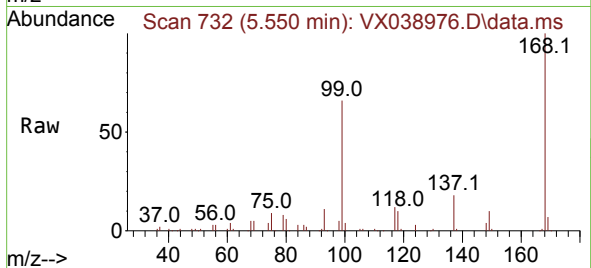
Quant Time: Nov 22 03:16:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration



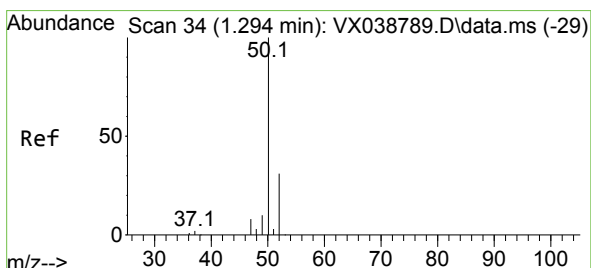
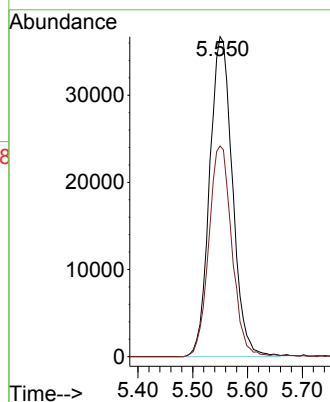
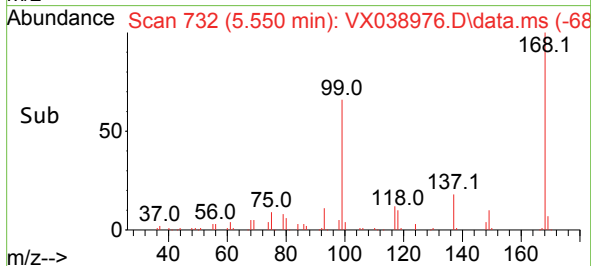


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX038976.D
Acq: 21 Nov 2023 11:57

Instrument :
MSVOA_X
ClientSampleId :

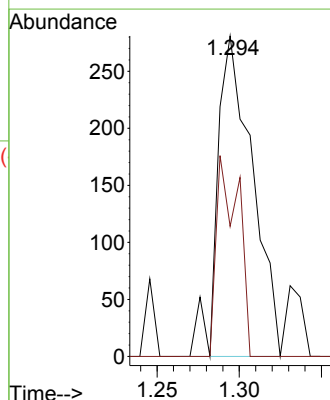
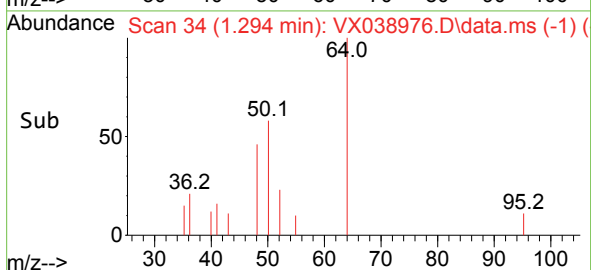
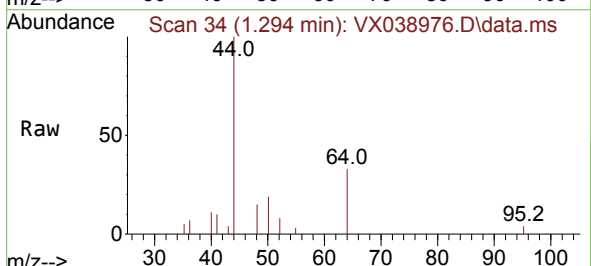


Tgt Ion:168 Resp: 106069
Ion Ratio Lower Upper
168 100
99 65.8 56.6 85.0



#3
Chloromethane
Concen: 0.258 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038976.D
Acq: 21 Nov 2023 11:57

Tgt Ion: 50 Resp: 416
Ion Ratio Lower Upper
50 100
52 40.6 25.5 38.3#





#11

Tert butyl alcohol

Concen: 0.469 ug/l

RT: 2.940 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX038976.D

Acq: 21 Nov 2023 11:57

Instrument :

MSVOA_X

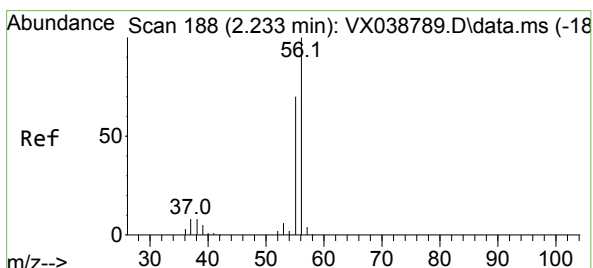
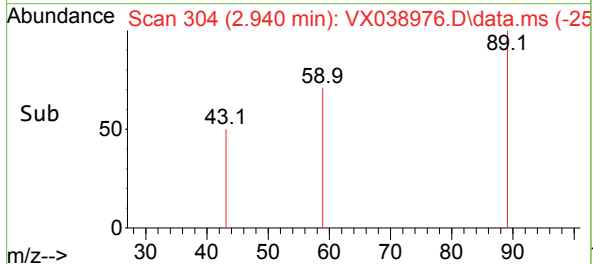
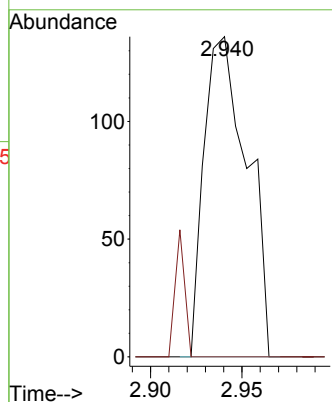
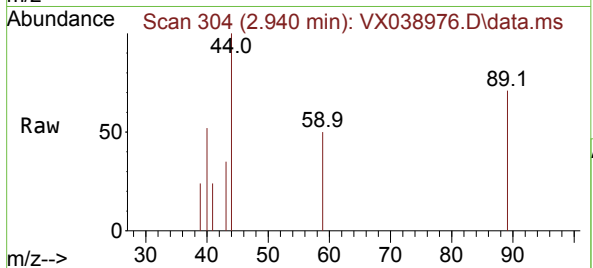
ClientSampleId :

Tgt Ion: 59 Resp: 223

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.592 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.012 min

Lab File: VX038976.D

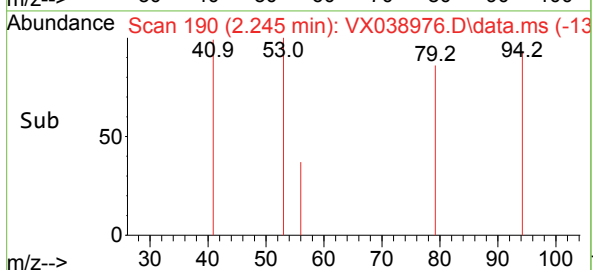
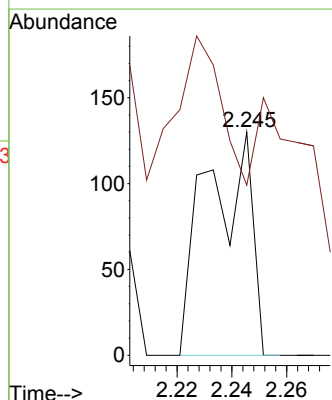
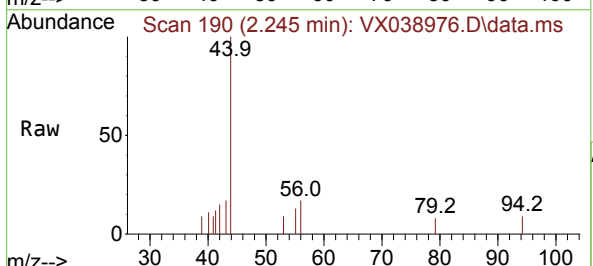
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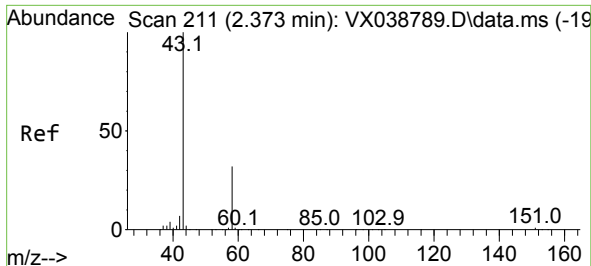
Tgt Ion: 56 Resp: 149

Ion Ratio Lower Upper

56 100

55 55.7 57.1 85.7#

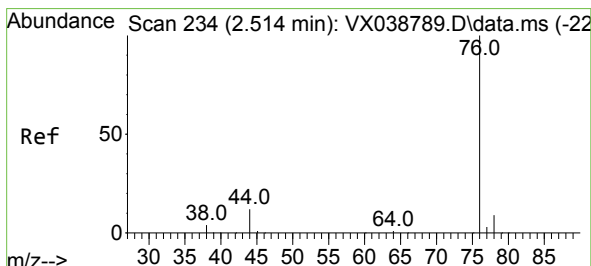
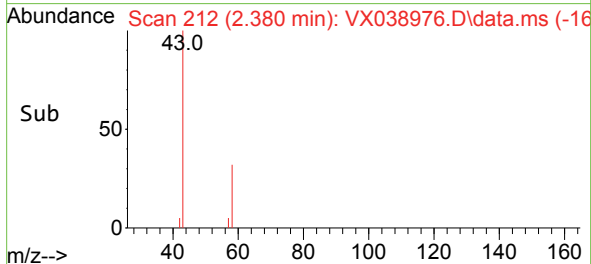
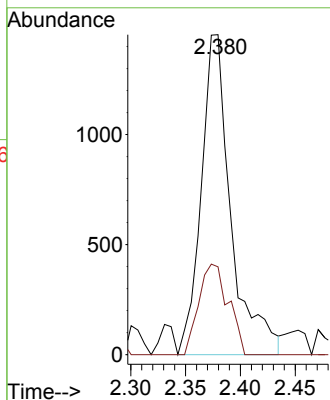
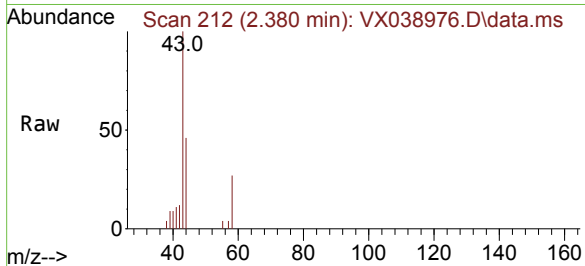




#16
Acetone
Concen: 3.023 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX038976.D
Acq: 21 Nov 2023 11:57

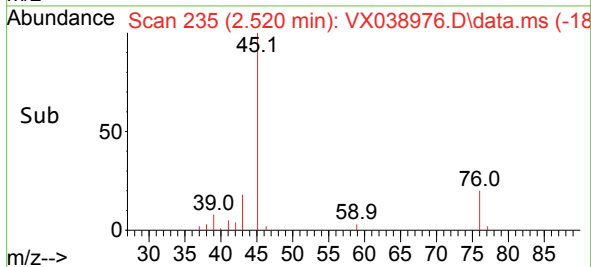
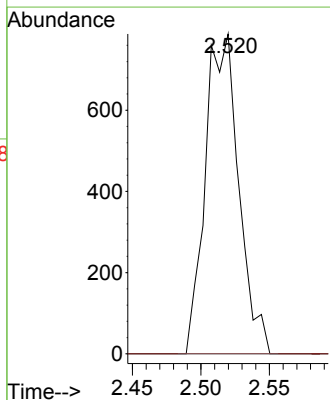
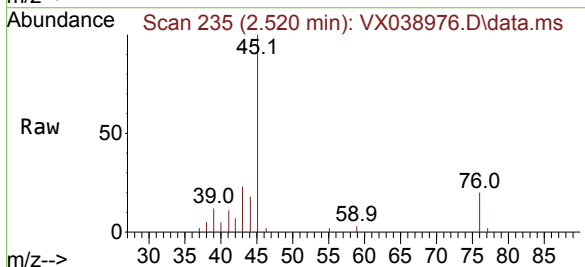
Instrument :
MSVOA_X
ClientSampleId :

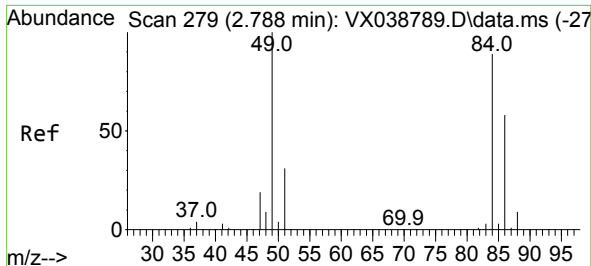
Tgt Ion: 43 Resp: 2750
Ion Ratio Lower Upper
43 100
58 27.4 21.9 32.9



#17
Carbon Disulfide
Concen: 0.326 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX038976.D
Acq: 21 Nov 2023 11:57

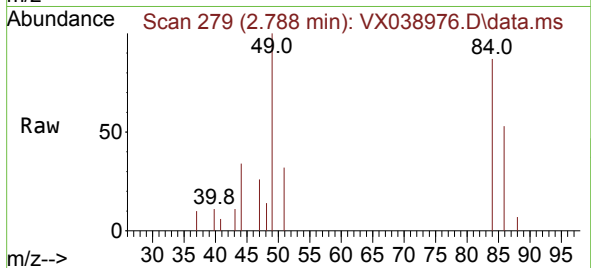
Tgt Ion: 76 Resp: 1334
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





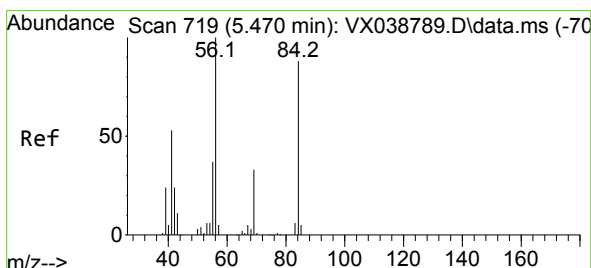
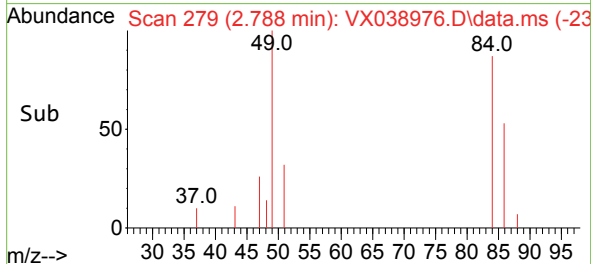
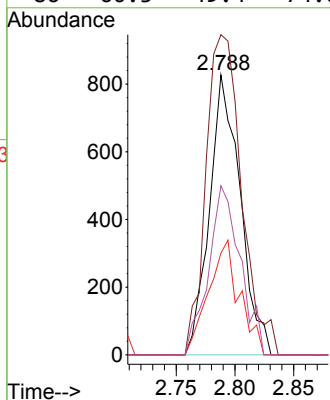
#20
Methylene Chloride
Concen: 0.918 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038976.D
Acq: 21 Nov 2023 11:57

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1505

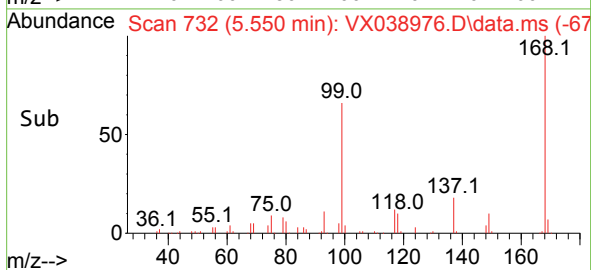
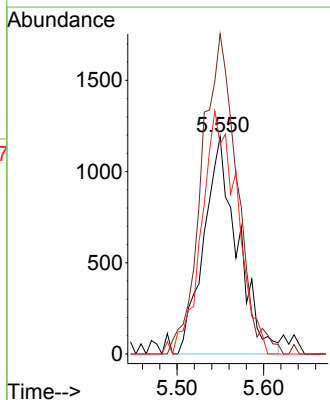
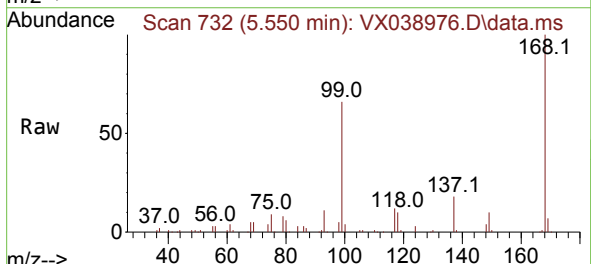
Ion	Ratio	Lower	Upper
84	100		
49	114.4	103.6	155.4
51	36.3	33.8	50.6
86	60.3	49.4	74.0

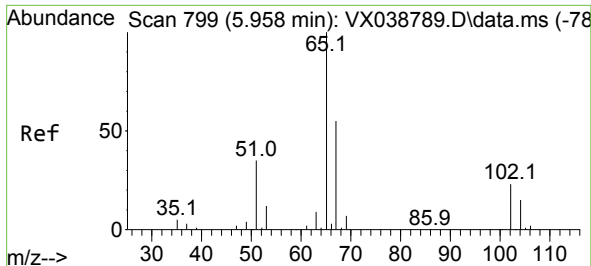


#31
Cyclohexane
Concen: 1.319 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038976.D
Acq: 21 Nov 2023 11:57

Tgt Ion: 56 Resp: 3218

Ion	Ratio	Lower	Upper
56	100		
69	142.9	23.4	35.2#
84	96.6	65.9	98.9

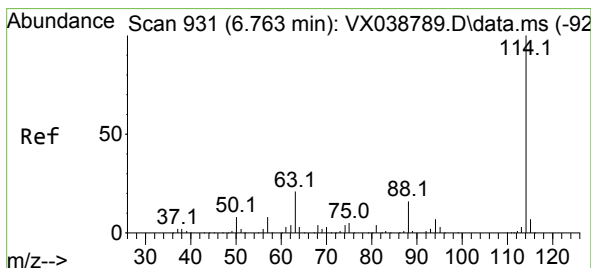
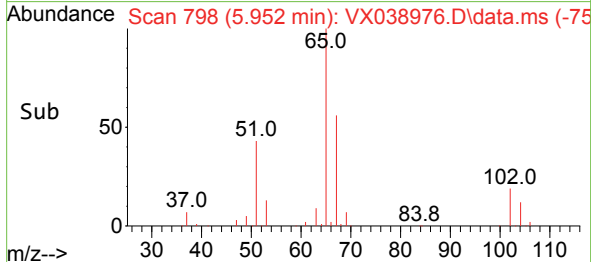
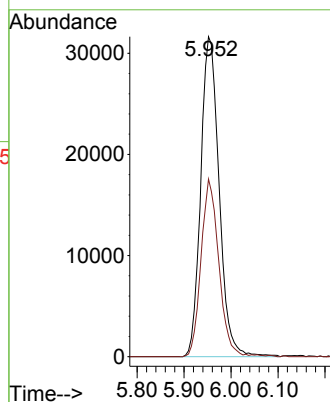
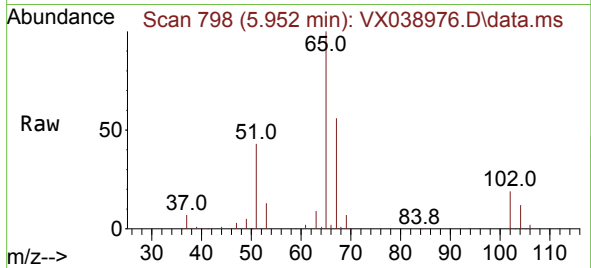




#33
1,2-Dichloroethane-d4
Concen: 50.316 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038976.D
Acq: 21 Nov 2023 11:57

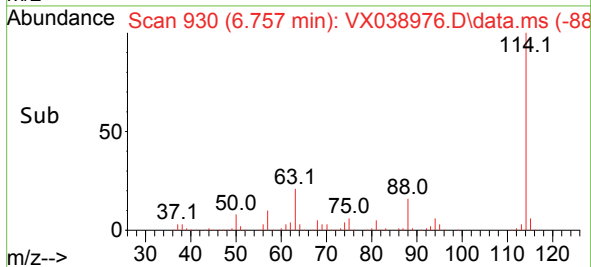
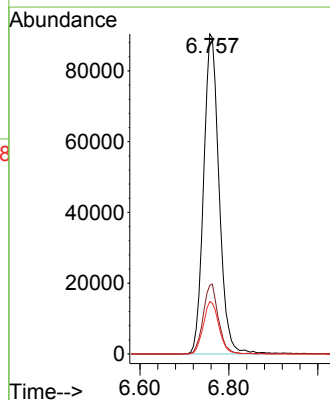
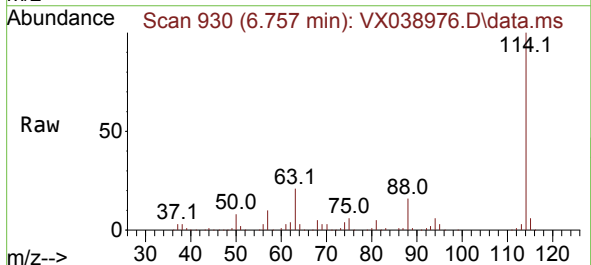
Instrument :
MSVOA_X
ClientSampleId :

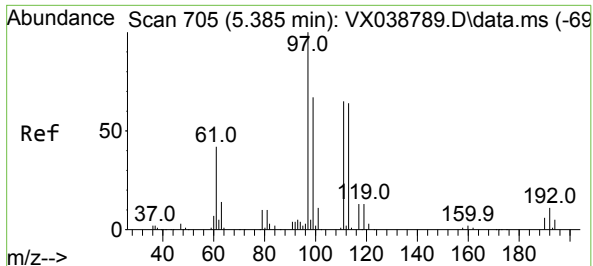
Tgt Ion: 65 Resp: 85997
Ion Ratio Lower Upper
65 100
67 53.4 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX038976.D
Acq: 21 Nov 2023 11:57

Tgt Ion: 114 Resp: 218964
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.479 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

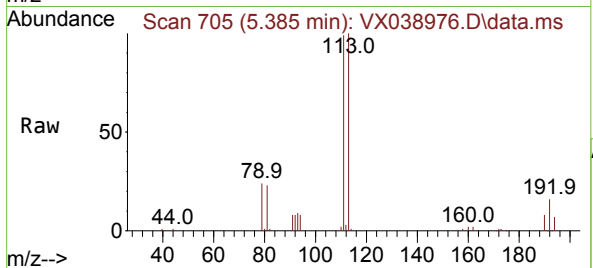
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Acq: 21 Nov 2023 11:57

Instrument :

MSVOA_X

ClientSampleId :



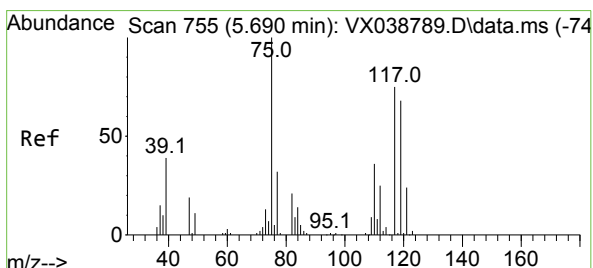
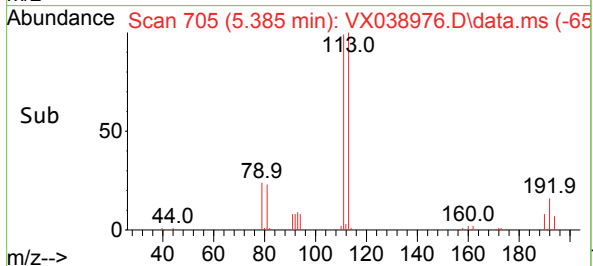
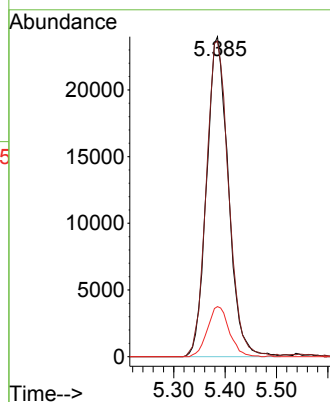
Tgt Ion:113 Resp: 70340

Ion Ratio Lower Upper

113 100

111 101.4 82.9 124.3

192 15.7 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.513 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX038976.D

Acq: 21 Nov 2023 11:57

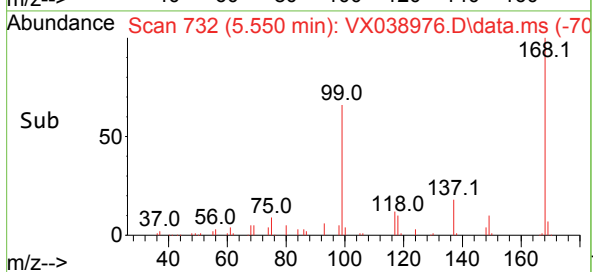
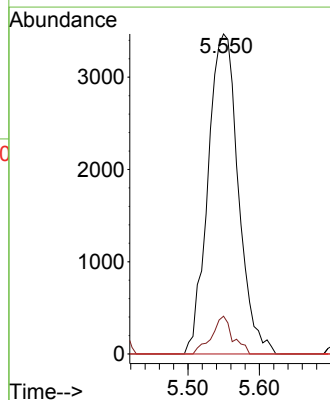
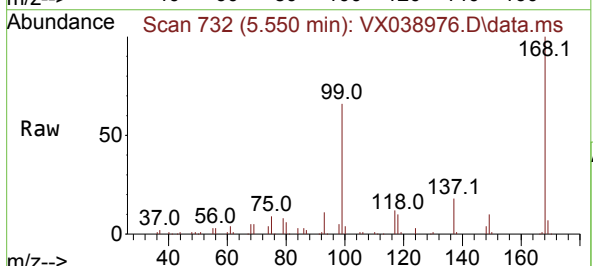
Tgt Ion: 75 Resp: 10228

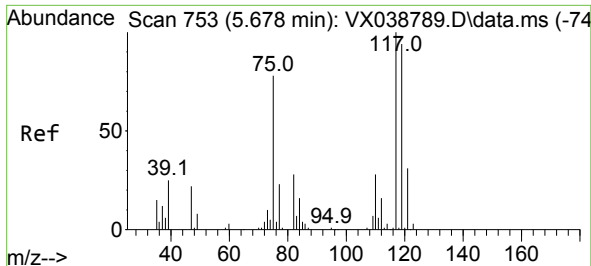
Ion Ratio Lower Upper

75 100

110 8.2 17.0 50.9#

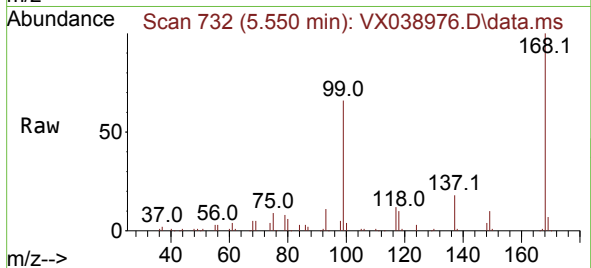
77 0.0 24.7 37.1#



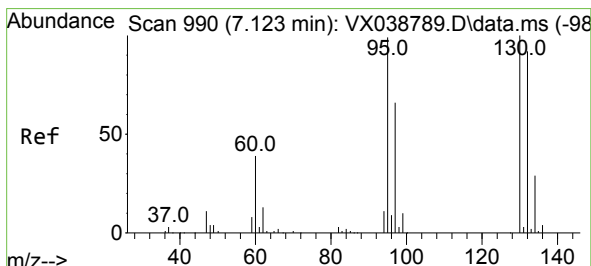
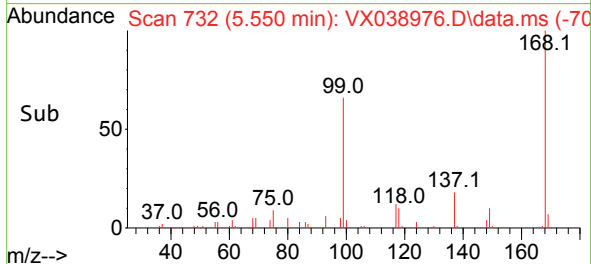
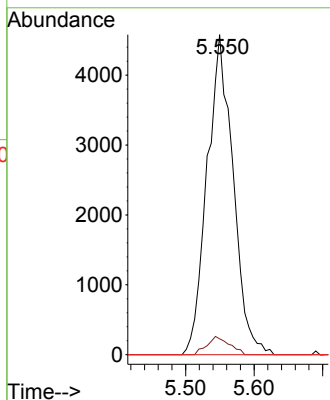


#38
Carbon Tetrachloride
Concen: 5.765 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX038976.D
Acq: 21 Nov 2023 11:57

Instrument :
MSVOA_X
ClientSampleId :

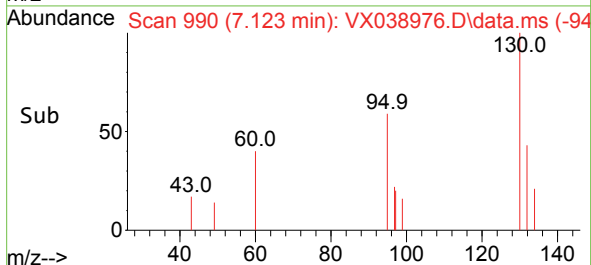
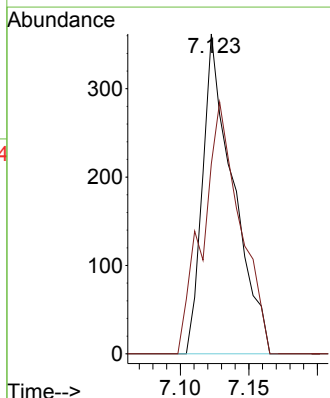
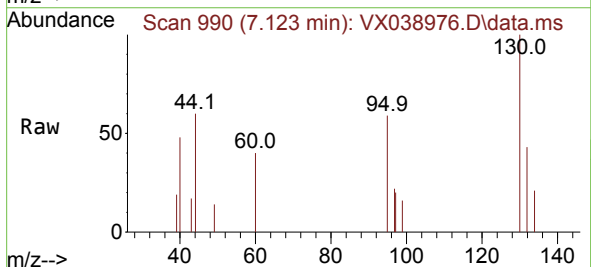


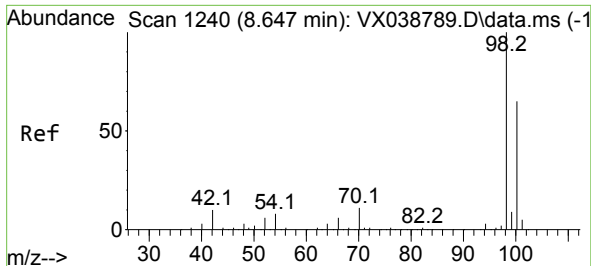
Tgt Ion:117 Resp: 12076
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.343 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX038976.D
Acq: 21 Nov 2023 11:57

Tgt Ion:130 Resp: 560
Ion Ratio Lower Upper
130 100
95 59.4 0.0 204.4

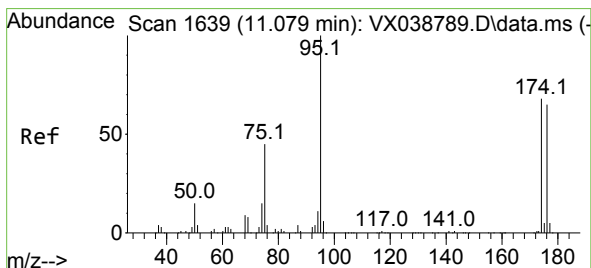
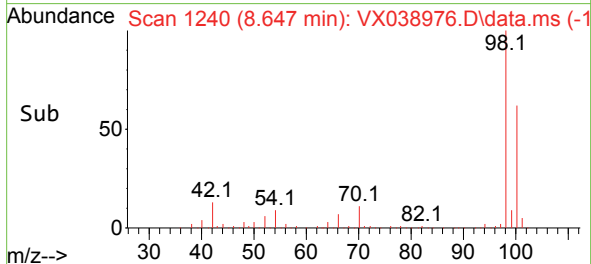
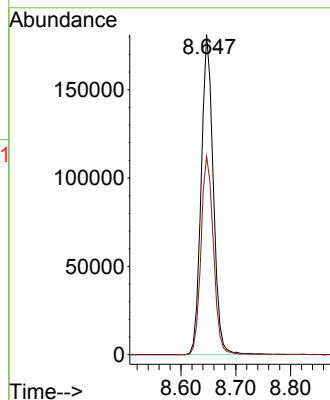
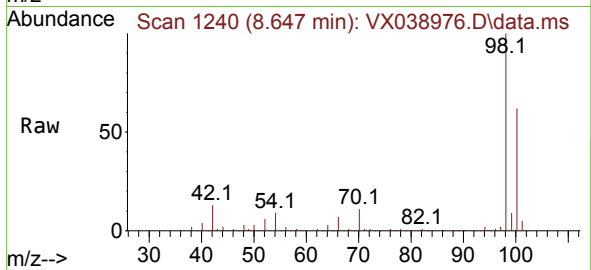




#50
Toluene-d8
Concen: 46.012 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038976.D
Acq: 21 Nov 2023 11:57

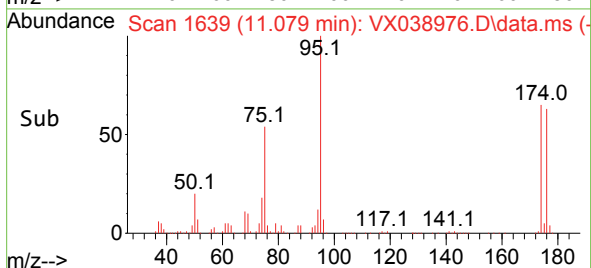
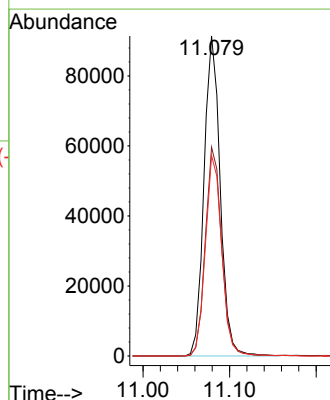
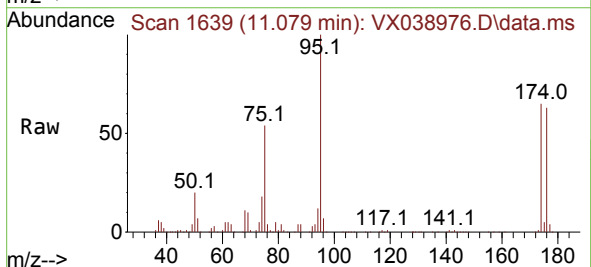
Instrument :
MSVOA_X
ClientSampleId :

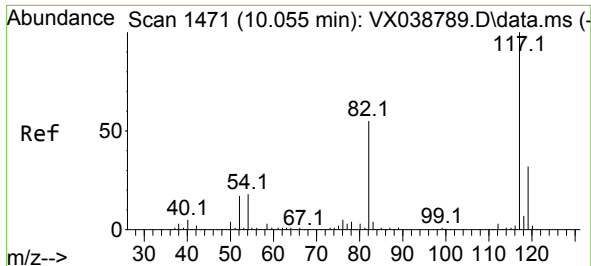
Tgt Ion: 98 Resp: 278400
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.926 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038976.D
Acq: 21 Nov 2023 11:57

Tgt Ion: 95 Resp: 118502
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.6
176 63.5 0.0 131.0

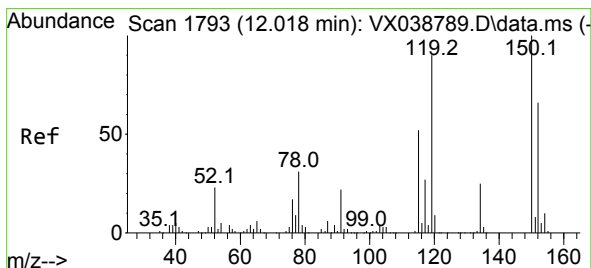
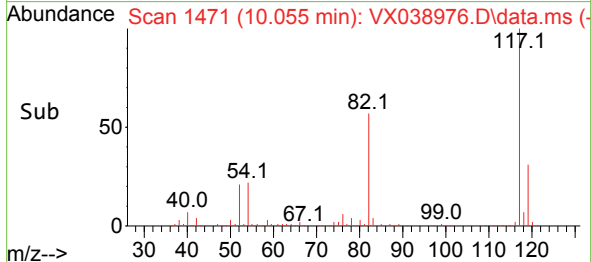
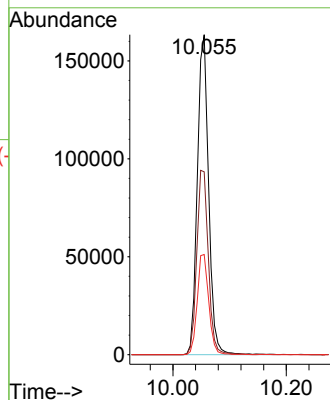
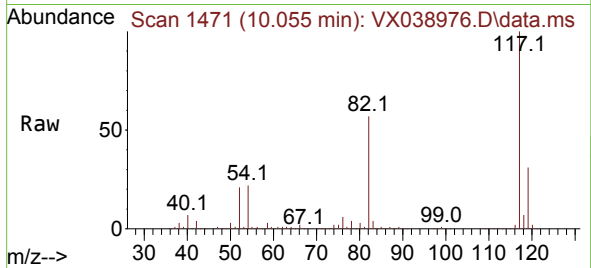




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038976.D
Acq: 21 Nov 2023 11:57

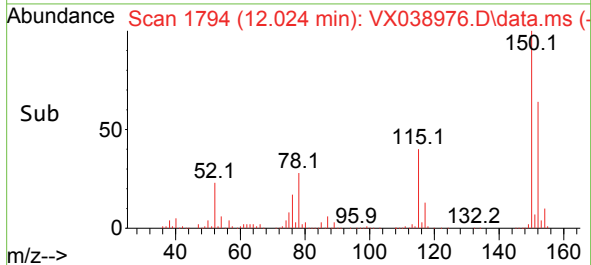
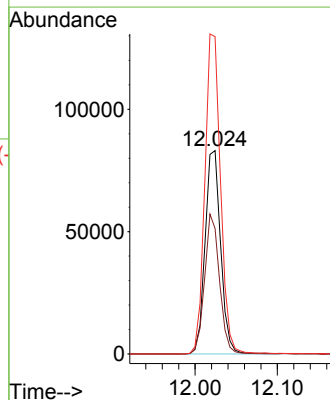
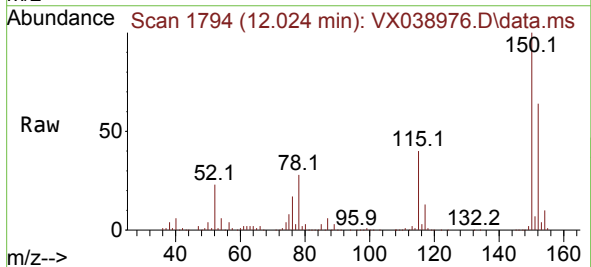
Instrument :
MSVOA_X
ClientSampleId :

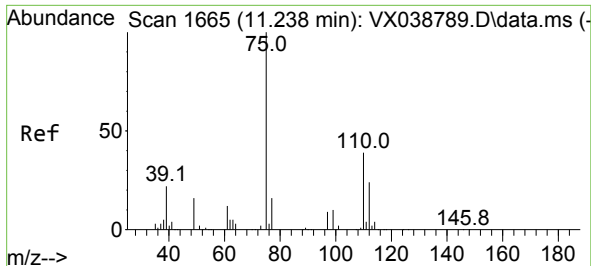
Tgt Ion:117 Resp: 225318
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 31.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038976.D
Acq: 21 Nov 2023 11:57

Tgt Ion:152 Resp: 109434
Ion Ratio Lower Upper
152 100
115 65.6 43.3 129.9
150 158.4 0.0 345.0

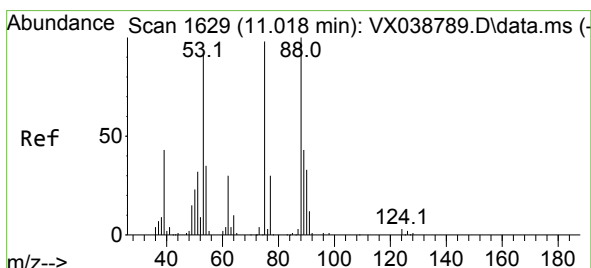
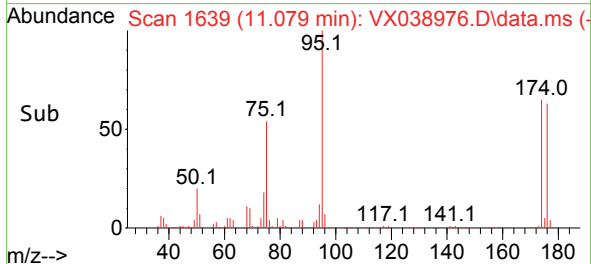
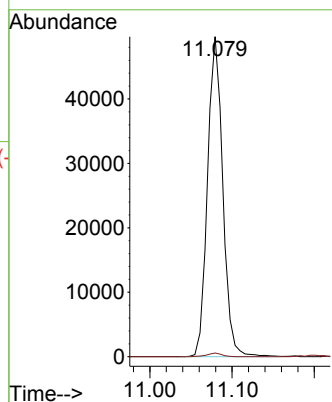
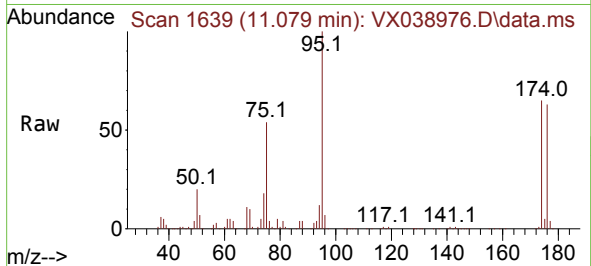




#76
1,2,3-Trichloropropane
Concen: 23.465 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038976.D
Acq: 21 Nov 2023 11:57

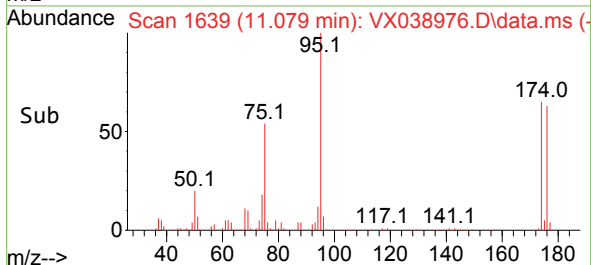
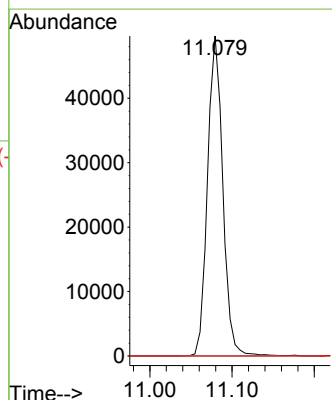
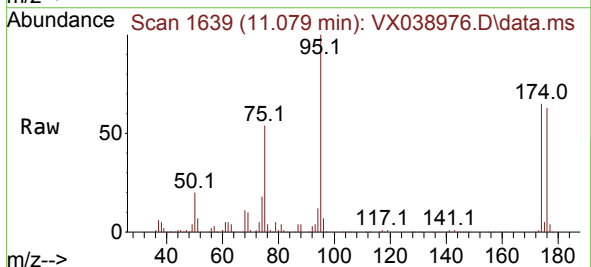
Instrument :
MSVOA_X
ClientSampleId :

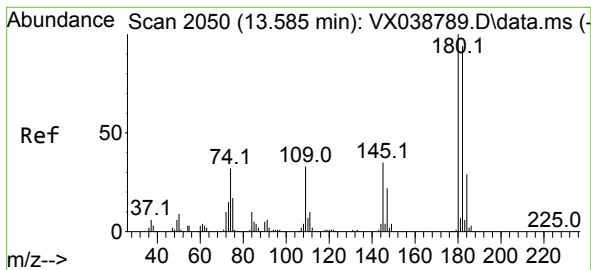
Tgt Ion: 75 Resp: 64068
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.048 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038976.D
Acq: 21 Nov 2023 11:57

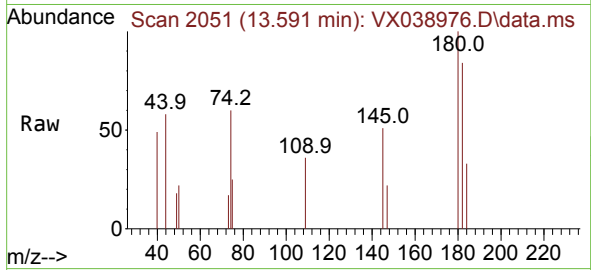
Tgt Ion: 75 Resp: 64068
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#93
 1,2,4-Trichlorobenzene
 Concen: 0.220 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX038976.D
 Acq: 21 Nov 2023 11:57

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	524
Ion Ratio	Lower	Upper	
180	100		
182	93.5	48.3	144.8
145	47.7	18.0	54.0

