

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038927.D
 Acq On : 18 Nov 2023 14:45
 Operator : JC/MD
 Sample : 05404-25DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 20 04:35:16 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)

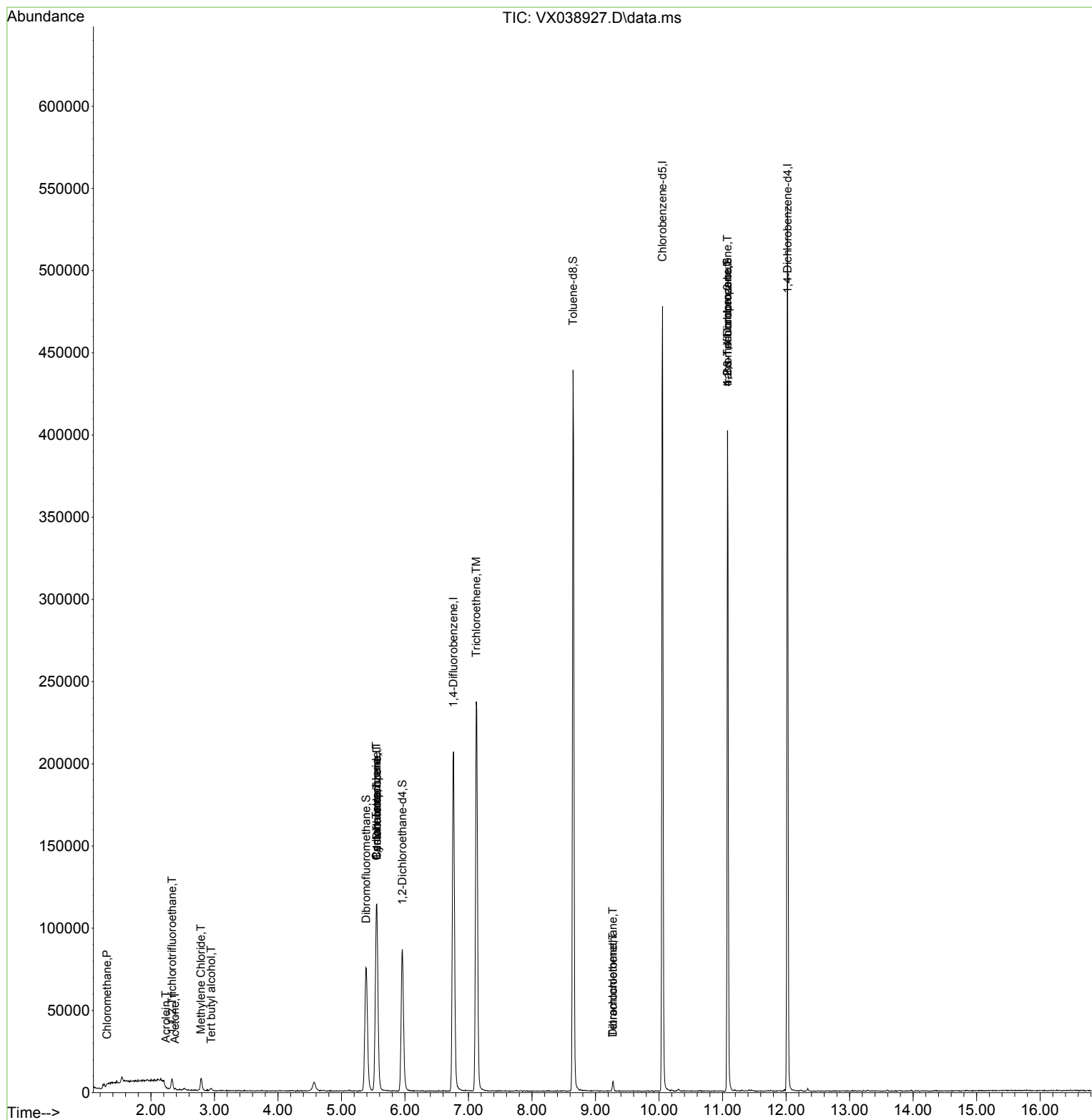
Internal Standards						
1) Pentafluorobenzene	5.556	168	102994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208440	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80409	48.451	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.900%
35) Dibromofluoromethane	5.385	113	66499	44.174	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.340%
50) Toluene-d8	8.647	98	261473	45.397	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.800%#
62) 4-Bromofluorobenzene	11.079	95	110805	48.058	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.120%
Target Compounds						Qvalue
3) Chloromethane	1.307	50	359	0.229	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	2444	1.922	ug/l #	93
11) Tert butyl alcohol	2.946	59	988	2.140	ug/l #	93
13) Acrolein	2.233	56	188	0.770	ug/l #	14
16) Acetone	2.379	43	921	1.042	ug/l #	47
20) Methylene Chloride	2.788	84	3608	2.266	ug/l	95
31) Cyclohexane	5.556	56	3248	1.371	ug/l #	2
36) 1,1-Dichloropropene	5.556	75	9504	4.405	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11345	5.689	ug/l #	16
44) Trichloroethene	7.123	130	89706	57.751	ug/l	95
60) Dibromochloromethane	9.275	129	1081	0.643	ug/l #	11
64) Tetrachloroethene	9.275	164	1050	0.802	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	58344	22.183	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	58344	49.204	ug/l #	5

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

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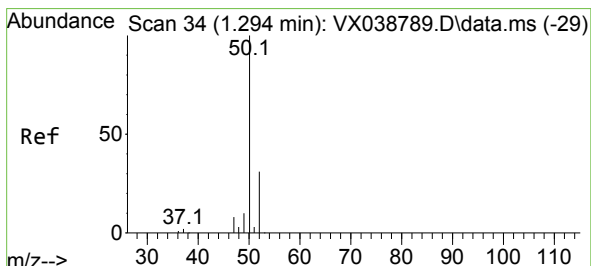
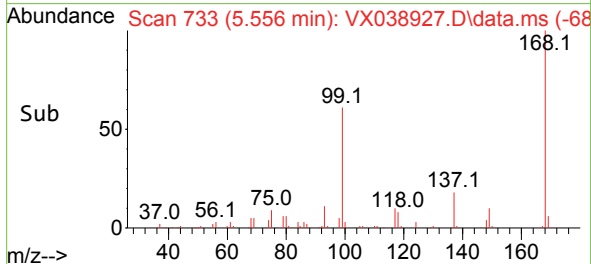
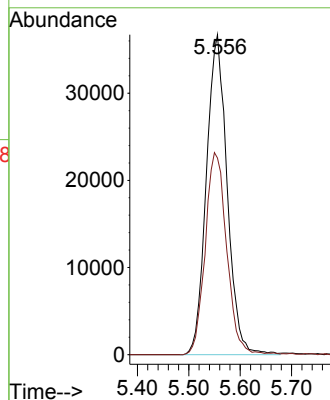
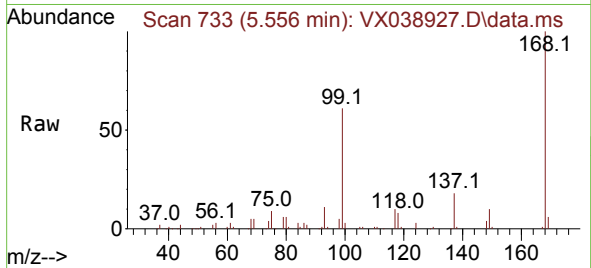




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038927.D
Acq: 18 Nov 2023 14:45

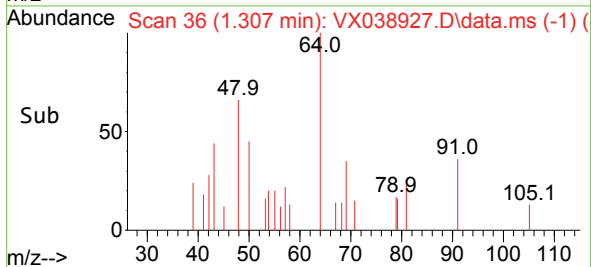
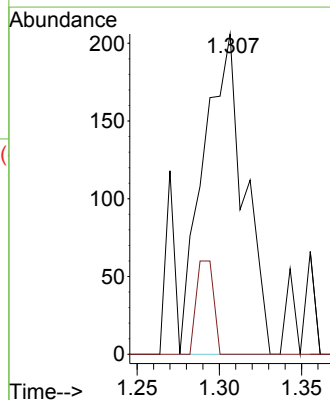
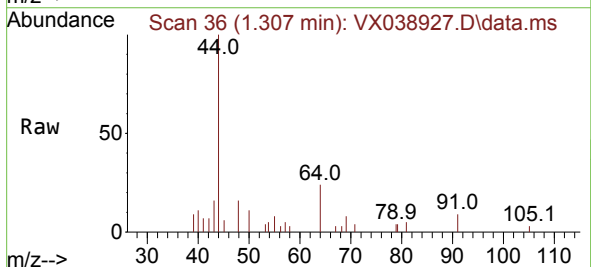
Instrument :
MSVOA_X
ClientSampleId :

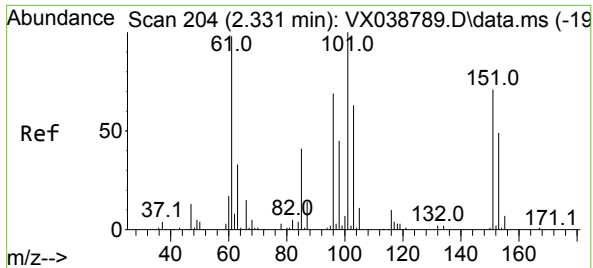
Tgt Ion:168 Resp: 102994
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#3
Chloromethane
Concen: 0.229 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.012 min
Lab File: VX038927.D
Acq: 18 Nov 2023 14:45

Tgt Ion: 50 Resp: 359
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

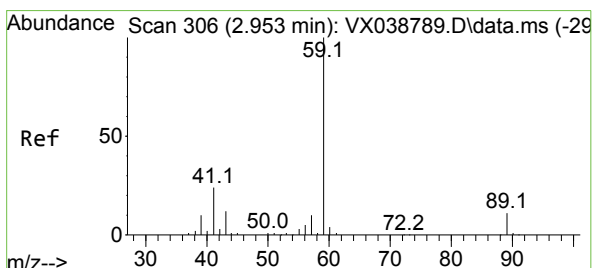
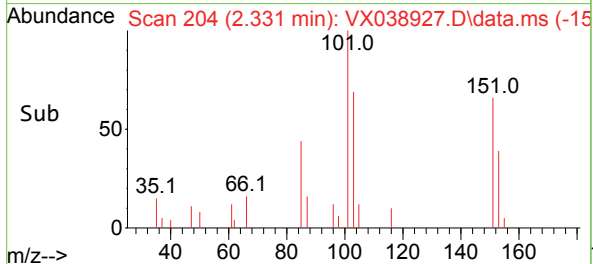
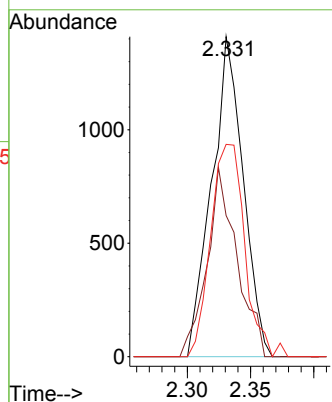
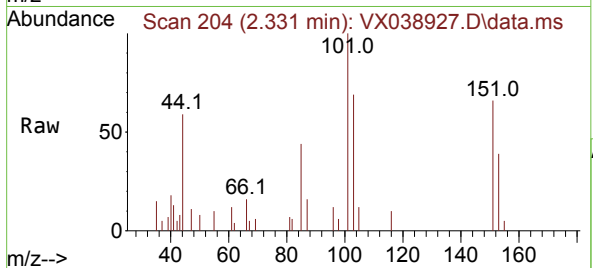




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.922 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX038927.D
Acq: 18 Nov 2023 14:45

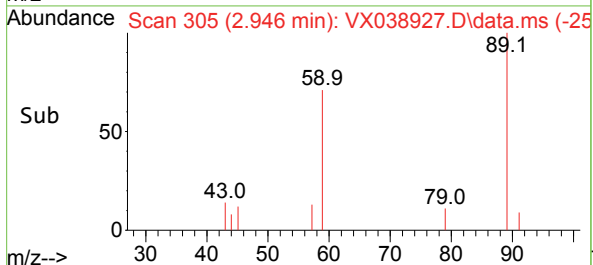
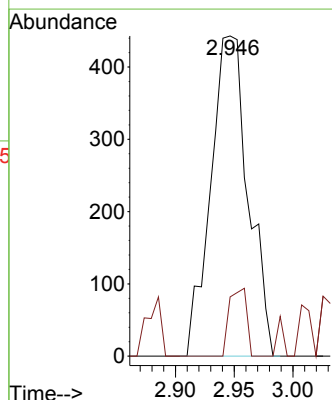
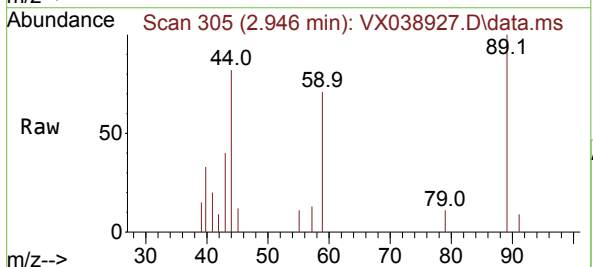
Instrument :
MSVOA_X
ClientSampleId :

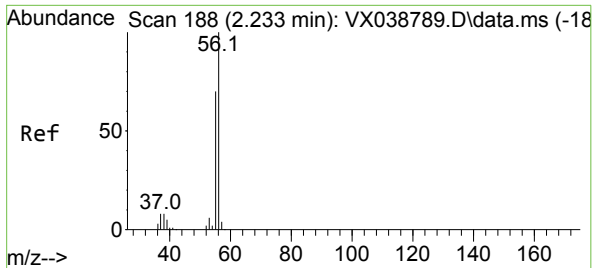
Tgt Ion:101 Resp: 2444
Ion Ratio Lower Upper
101 100
85 56.0 37.0 55.6#
151 71.8 58.6 87.8



#11
Tert butyl alcohol
Concen: 2.140 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX038927.D
Acq: 18 Nov 2023 14:45

Tgt Ion: 59 Resp: 988
Ion Ratio Lower Upper
59 100
57 9.8 6.0 9.0#





#13

Acrolein

Concen: 0.770 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038927.D

Acq: 18 Nov 2023 14:45

Instrument :

MSVOA_X

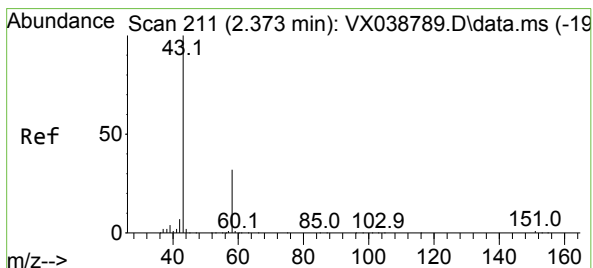
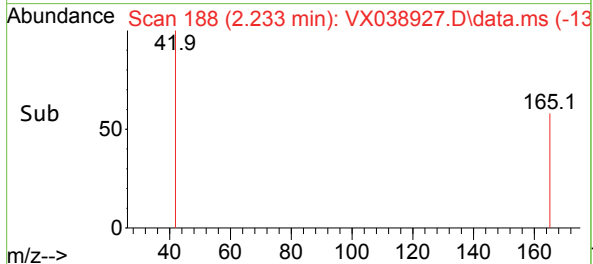
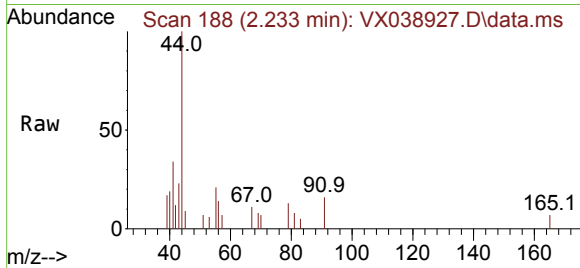
ClientSampleId :

Tgt Ion: 56 Resp: 188

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#16

Acetone

Concen: 1.042 ug/l

RT: 2.379 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX038927.D

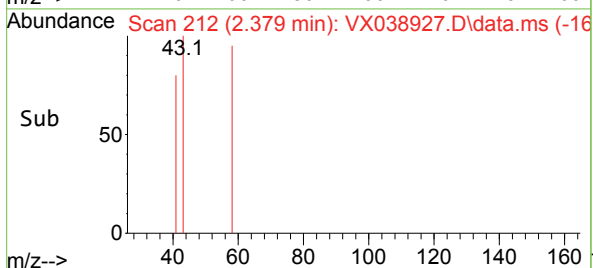
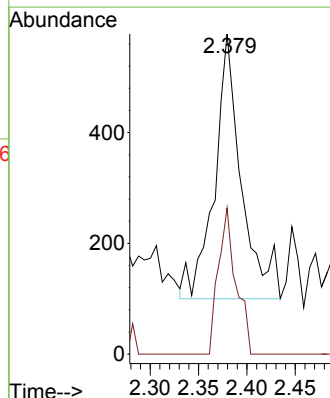
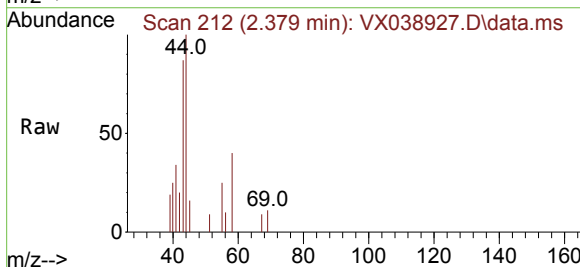
Acq: 18 Nov 2023 14:45

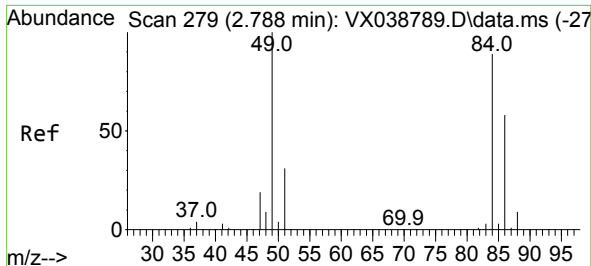
Tgt Ion: 43 Resp: 921

Ion Ratio Lower Upper

43 100

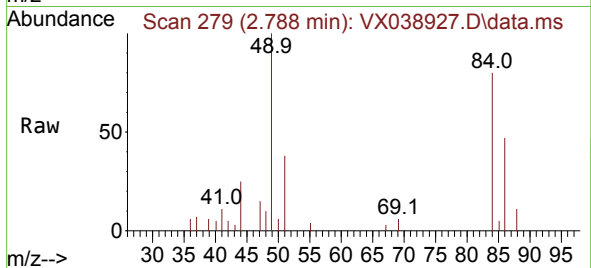
58 55.2 21.9 32.9#



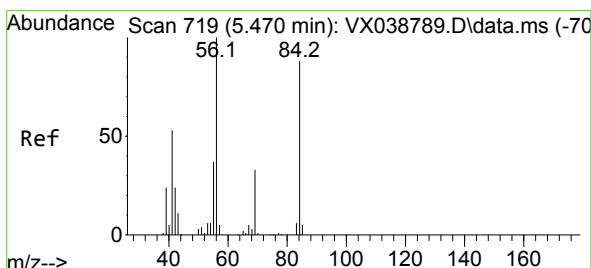
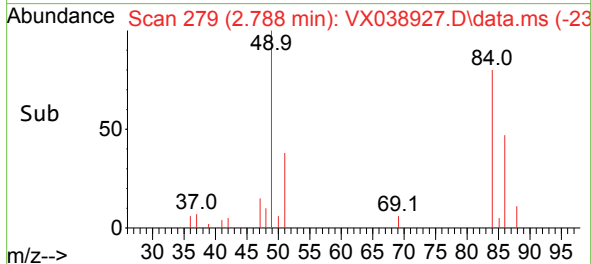
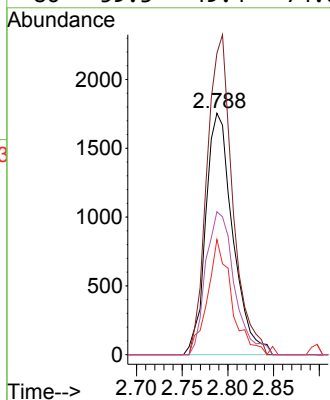


#20
Methylene Chloride
Concen: 2.266 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038927.D
Acq: 18 Nov 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :

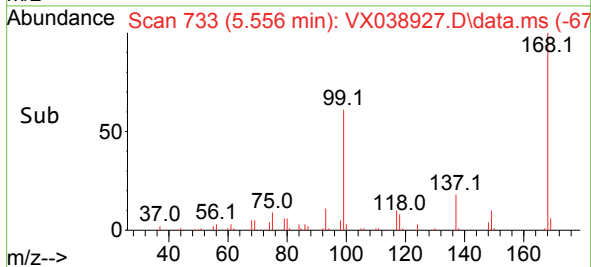
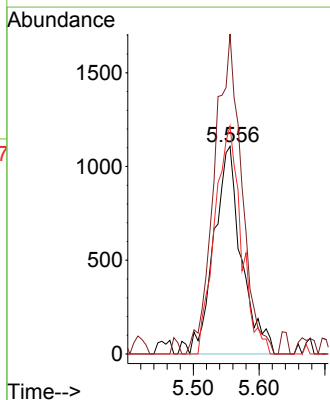
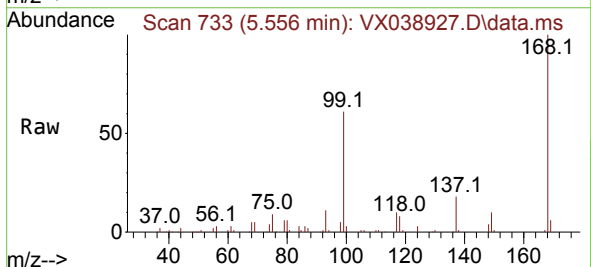


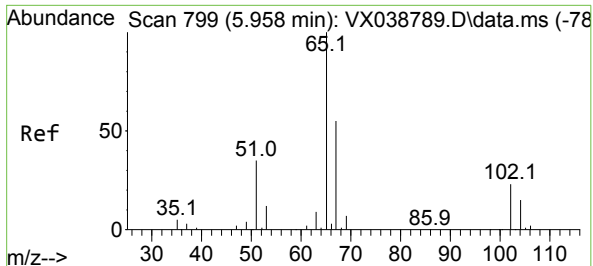
Tgt Ion:	84	Resp:	3608
Ion	Ratio	Lower	Upper
84	100		
49	124.8	103.6	155.4
51	47.7	33.8	50.6
86	59.3	49.4	74.0



#31
Cyclohexane
Concen: 1.371 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX038927.D
Acq: 18 Nov 2023 14:45

Tgt Ion:	56	Resp:	3248
Ion	Ratio	Lower	Upper
56	100		
69	154.2	23.4	35.2#
84	127.7	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.451 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038927.D

Acq: 18 Nov 2023 14:45

Instrument :

MSVOA_X

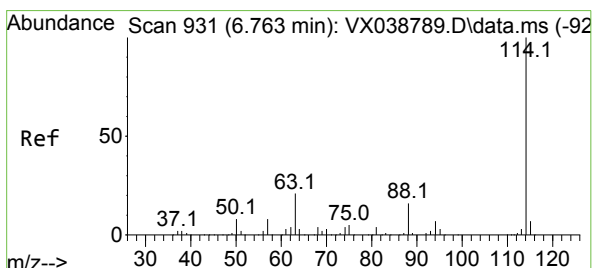
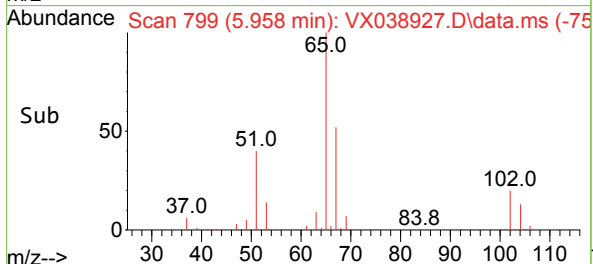
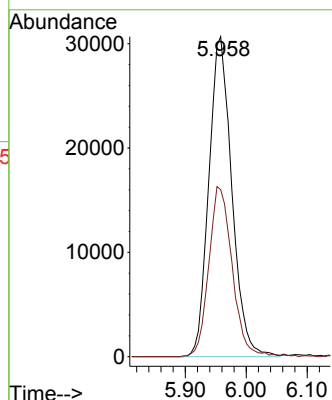
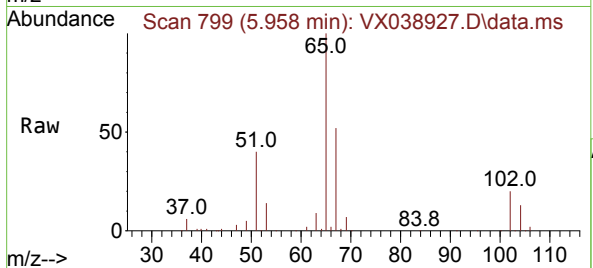
ClientSampleId :

Tgt Ion: 65 Resp: 80409

Ion Ratio Lower Upper

65 100

67 54.2 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: VX038927.D

Acq: 18 Nov 2023 14:45

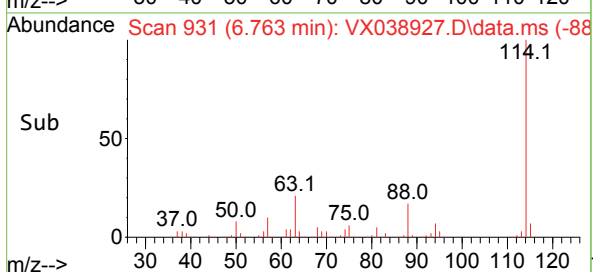
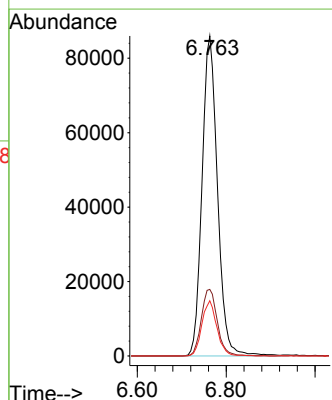
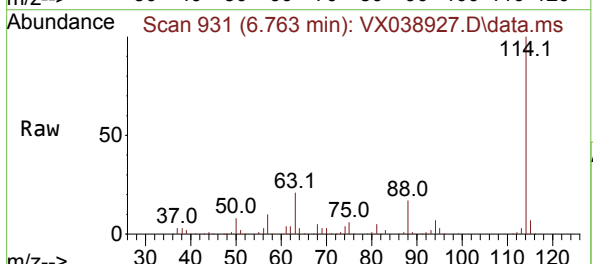
Tgt Ion: 114 Resp: 208440

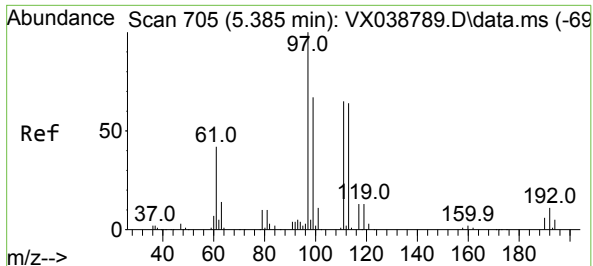
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

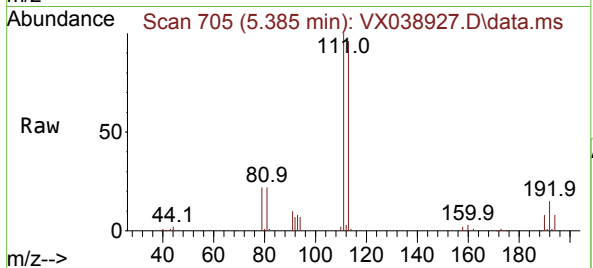
88 17.3 0.0 36.6



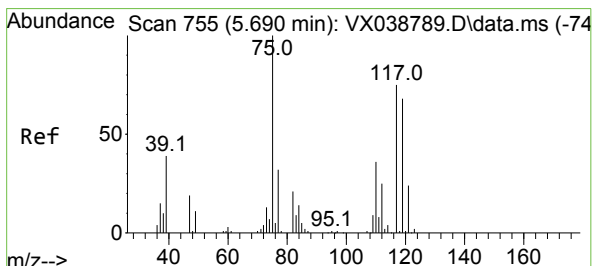
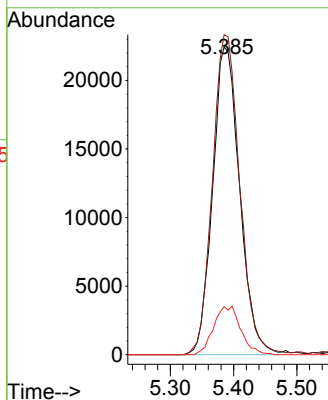
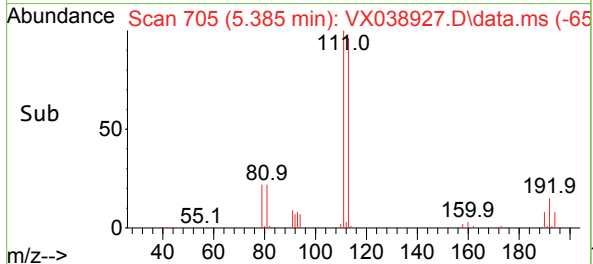


#35
Dibromofluoromethane
Concen: 44.174 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038927.D
Acq: 18 Nov 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :

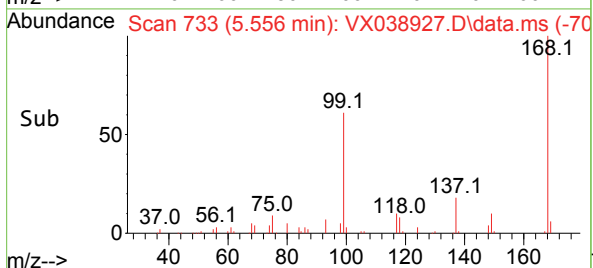
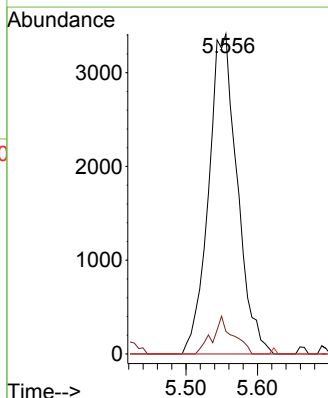
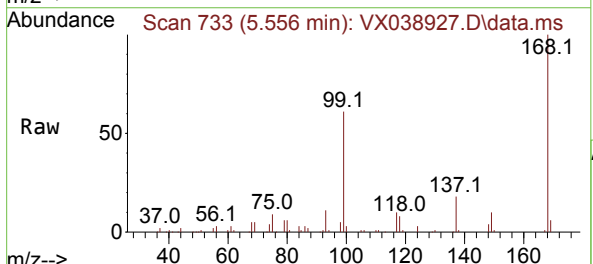


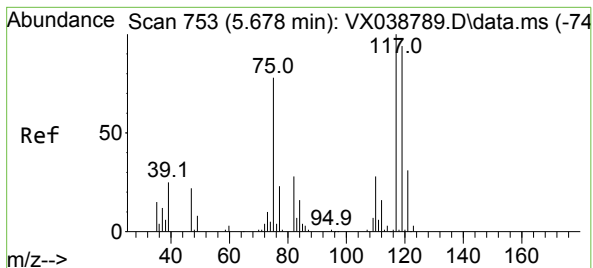
Tgt Ion:113 Resp: 66499
Ion Ratio Lower Upper
113 100
111 105.1 82.9 124.3
192 15.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.405 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038927.D
Acq: 18 Nov 2023 14:45

Tgt Ion: 75 Resp: 9504
Ion Ratio Lower Upper
75 100
110 8.3 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.689 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

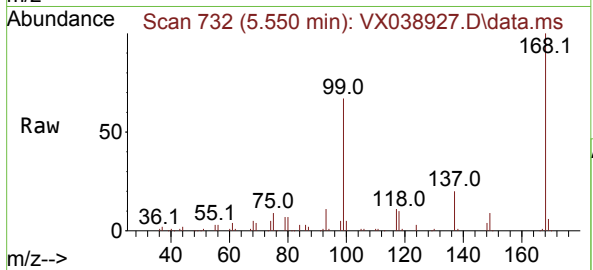
Lab File: VX038927.D

Acq: 18 Nov 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :



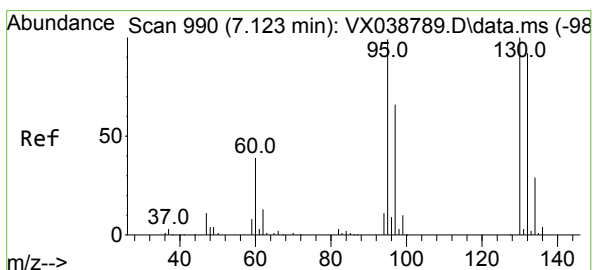
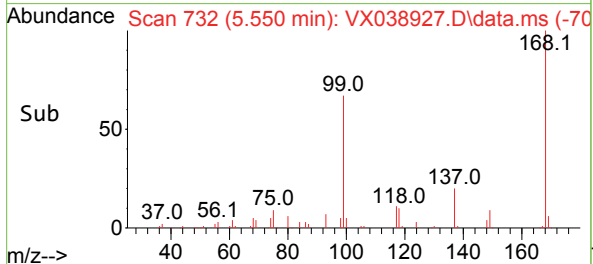
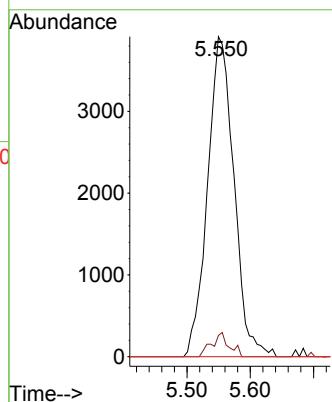
Tgt Ion:117 Resp: 11345

Ion Ratio Lower Upper

117 100

119 6.7 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 57.751 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX038927.D

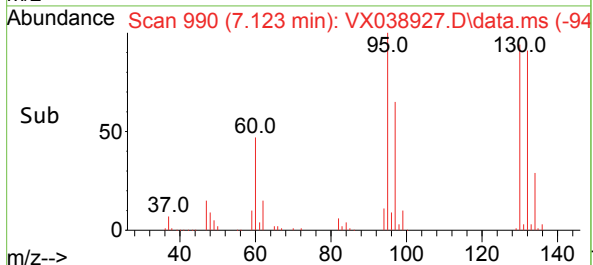
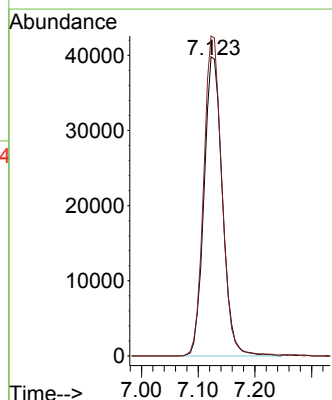
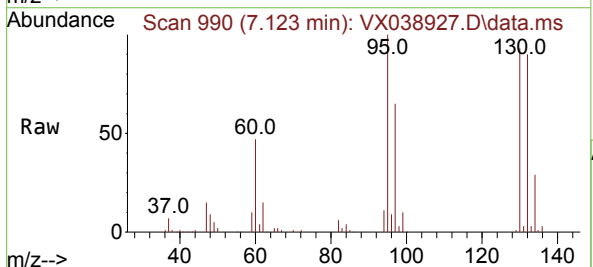
Acq: 18 Nov 2023 14:45

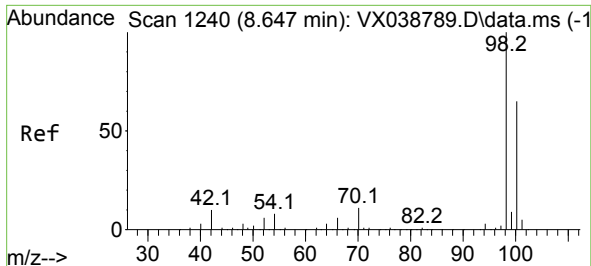
Tgt Ion:130 Resp: 89706

Ion Ratio Lower Upper

130 100

95 106.8 0.0 204.4

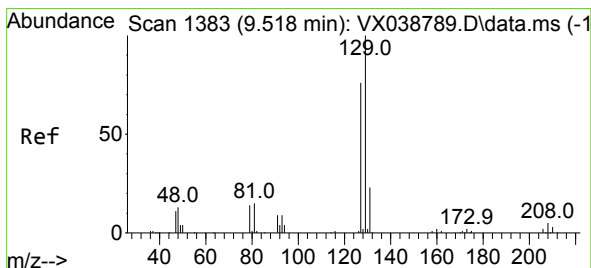
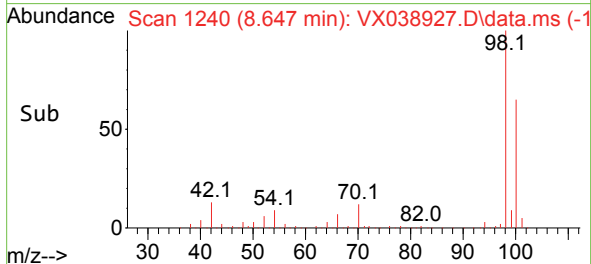
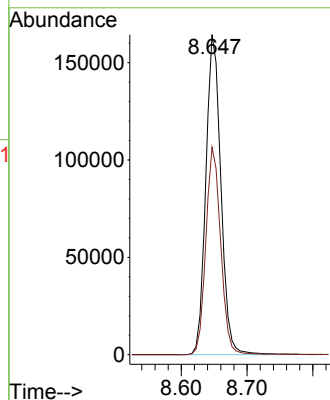
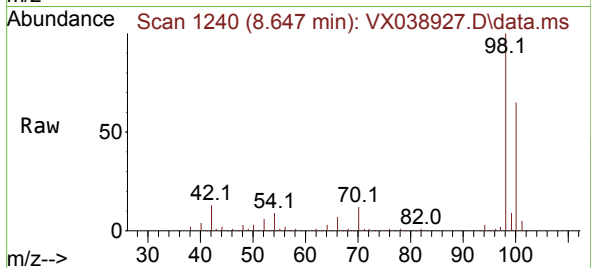




#50
Toluene-d8
Concen: 45.397 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038927.D
Acq: 18 Nov 2023 14:45

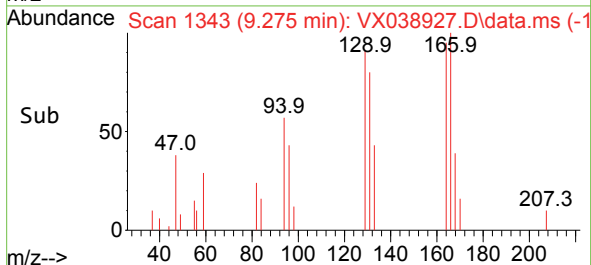
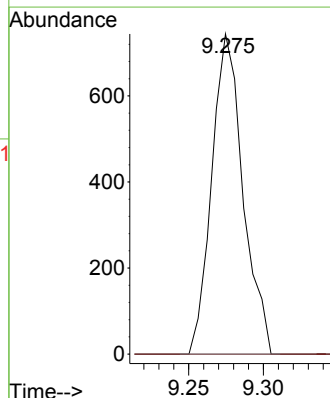
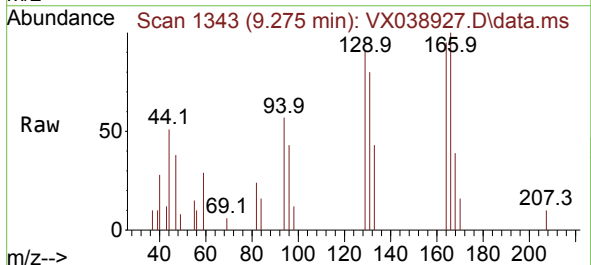
Instrument :
MSVOA_X
ClientSampleId :

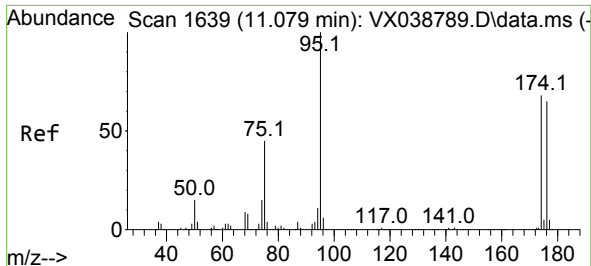
Tgt Ion: 98 Resp: 261473
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#60
Dibromochloromethane
Concen: 0.643 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX038927.D
Acq: 18 Nov 2023 14:45

Tgt Ion:129 Resp: 1081
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

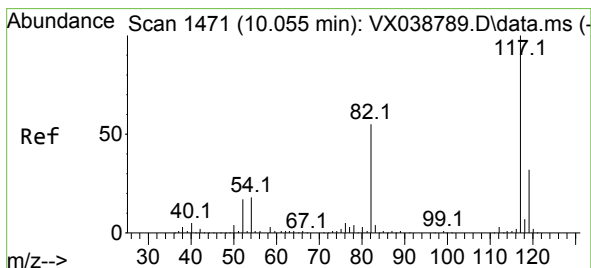
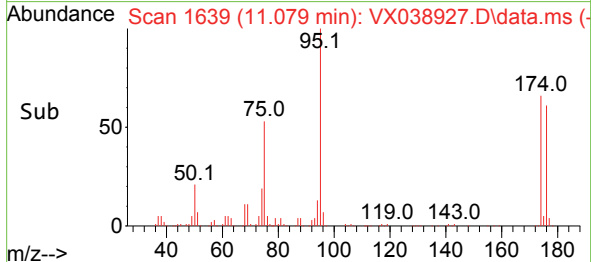
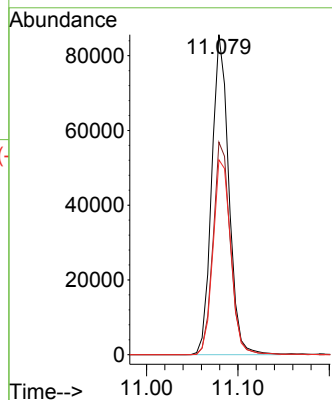
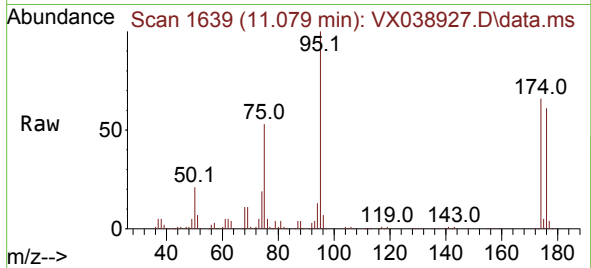




#62
4-Bromofluorobenzene
Concen: 48.058 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038927.D
Acq: 18 Nov 2023 14:45

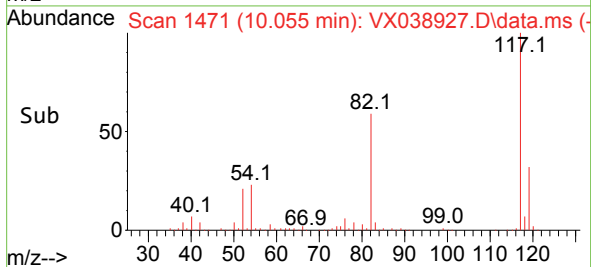
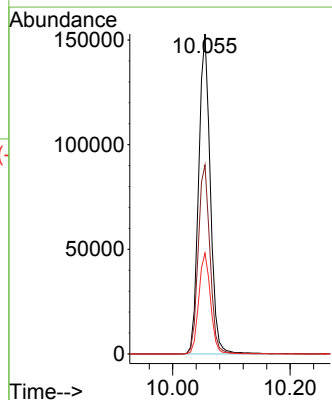
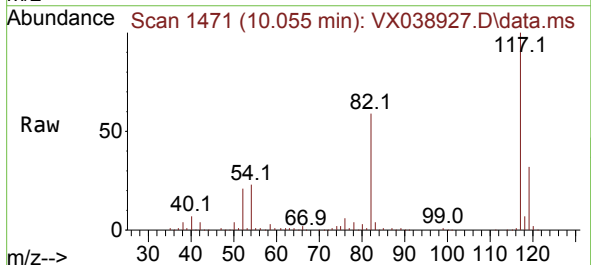
Instrument :
MSVOA_X
ClientSampleId :

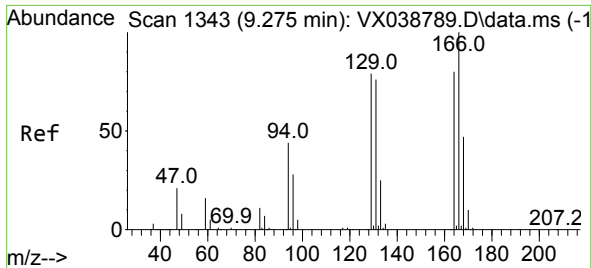
Tgt Ion: 95 Resp: 110805
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.6
176 63.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038927.D
Acq: 18 Nov 2023 14:45

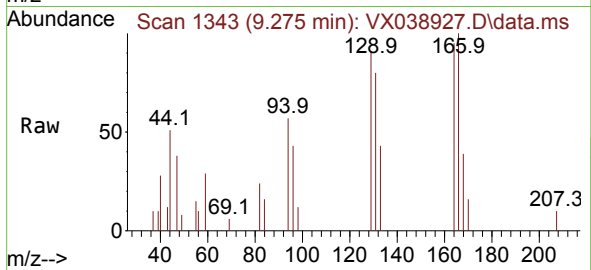
Tgt Ion: 117 Resp: 210541
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.4
119 31.5 25.5 38.3





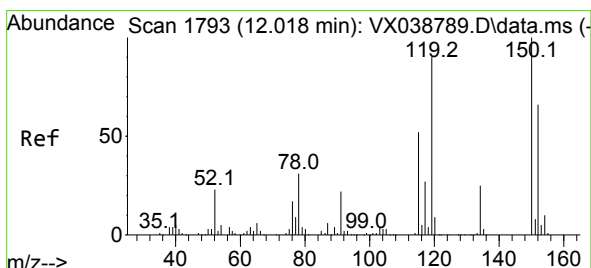
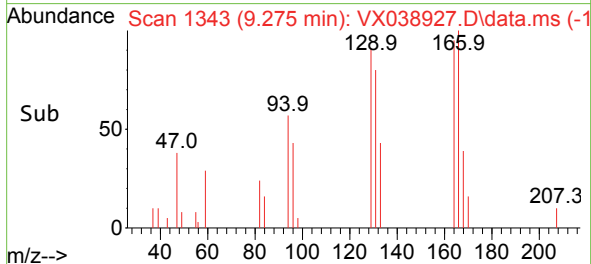
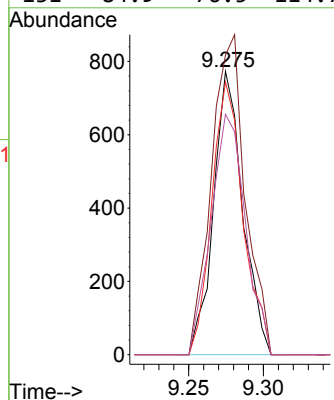
#64
Tetrachloroethene
Concen: 0.802 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038927.D
Acq: 18 Nov 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:164 Resp: 1050

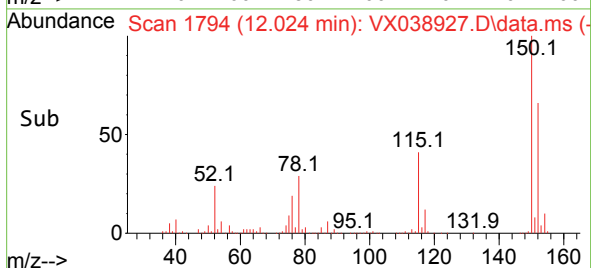
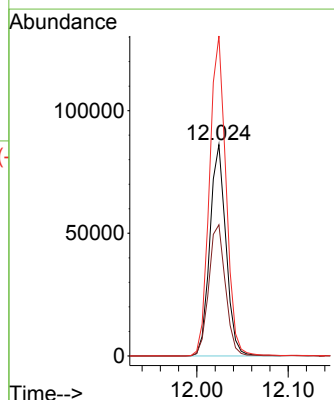
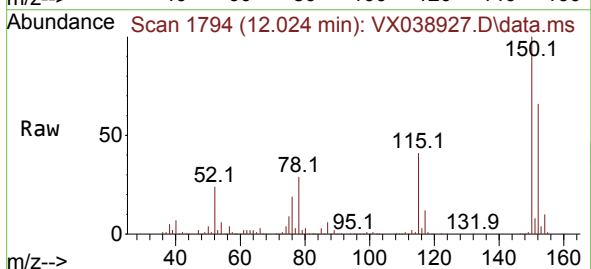
Ion	Ratio	Lower	Upper
164	100		
166	105.7	102.7	154.1
129	96.2	80.4	120.6
131	84.9	76.5	114.7

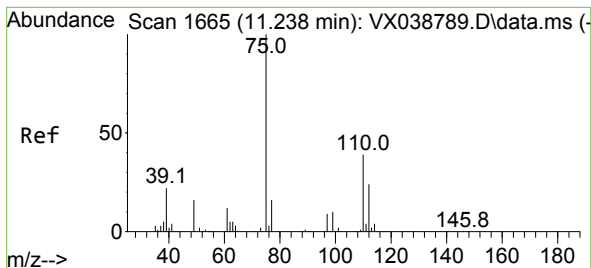


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038927.D
Acq: 18 Nov 2023 14:45

Tgt Ion:152 Resp: 105416

Ion	Ratio	Lower	Upper
152	100		
115	64.5	43.3	129.9
150	155.1	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 22.183 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038927.D

Acq: 18 Nov 2023 14:45

Instrument :

MSVOA_X

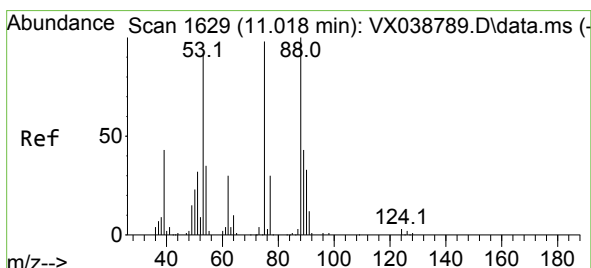
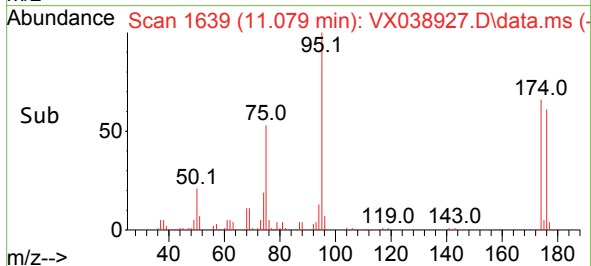
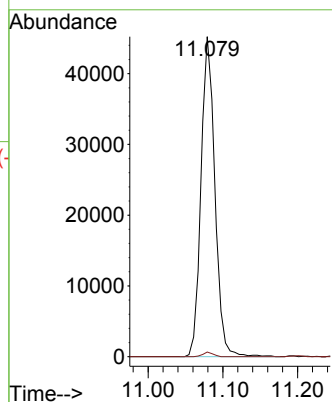
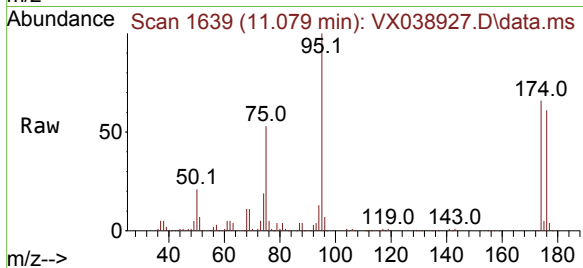
ClientSampleId :

Tgt Ion: 75 Resp: 58344

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 49.204 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038927.D

Acq: 18 Nov 2023 14:45

Tgt Ion: 75 Resp: 58344

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

