

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111323\
 Data File : VX038781.D
 Acq On : 13 Nov 2023 15:07
 Operator : JC/MD
 Sample : 05358-03DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20231108DL

Quant Time: Nov 14 05:32:18 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	292579	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	486585	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	511058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	300204	50.000	ug/l	0.00

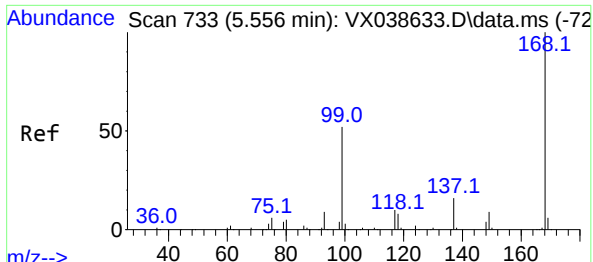
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161140	44.239	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.480%
35) Dibromofluoromethane	5.385	113	156310	44.602	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.200%
50) Toluene-d8	8.647	98	580363	46.279	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.560%
62) 4-Bromofluorobenzene	11.079	95	252701	51.973	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.940%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	1530	0.537	ug/l	93
11) Tert butyl alcohol	2.941	59	1666	2.237	ug/l	# 78
16) Acetone	2.380	43	590	0.385	ug/l	97
20) Methylene Chloride	2.788	84	1012	0.327	ug/l	# 67
31) Cyclohexane	5.550	56	4445	1.103	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	19080	4.383	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	27132	5.575	ug/l	# 15
44) Trichloroethene	7.123	130	93022	23.844	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	118417	19.917	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	118417	60.900	ug/l	# 5

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

Quant Time: Nov 14 05:32:18 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

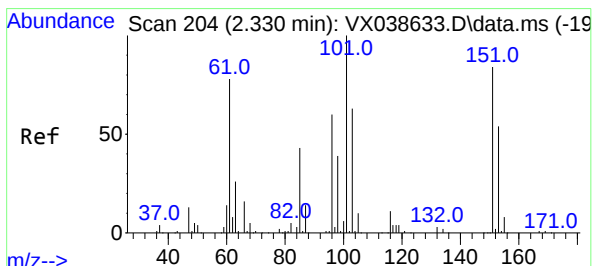
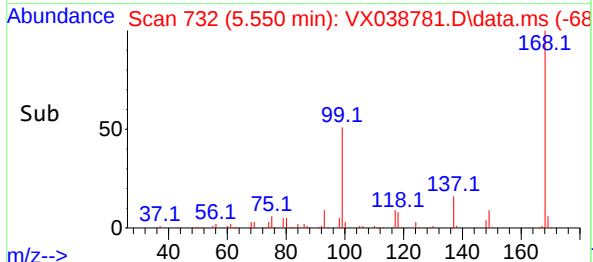
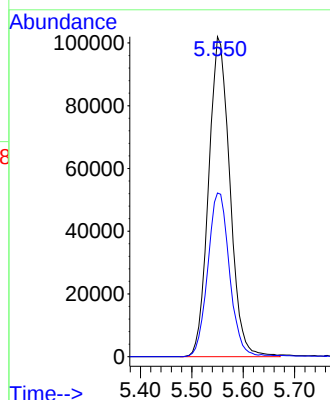
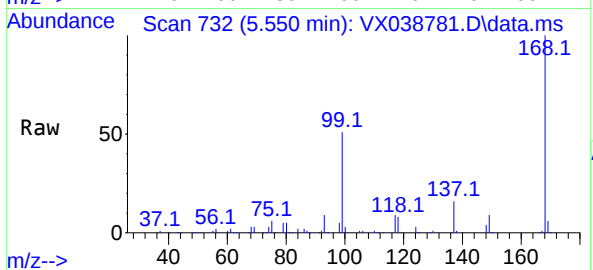




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038781.D
Acq: 13 Nov 2023 15:07

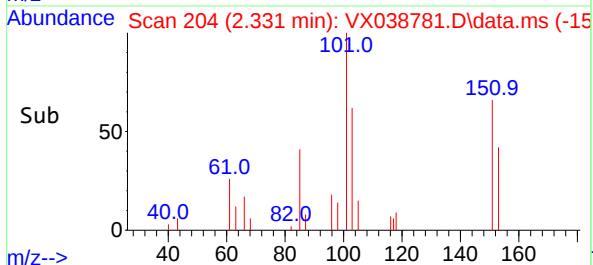
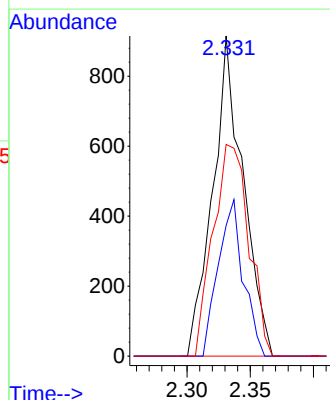
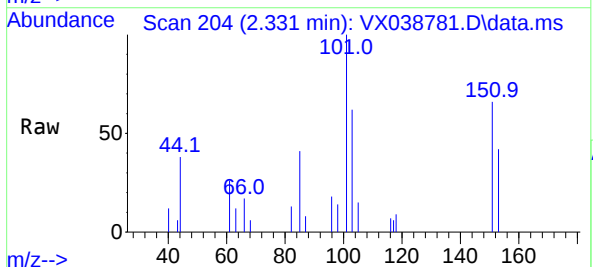
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20231108DL

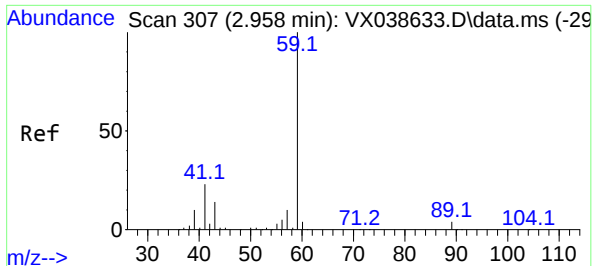
Tgt Ion:168 Resp: 292579
Ion Ratio Lower Upper
168 100
99 51.2 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.537 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038781.D
Acq: 13 Nov 2023 15:07

Tgt Ion:101 Resp: 1530
Ion Ratio Lower Upper
101 100
85 40.2 37.0 55.6
151 77.7 58.6 87.8





#11

Tert butyl alcohol

Concen: 2.237 ug/l

RT: 2.941 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX038781.D

Acq: 13 Nov 2023 15:07

Instrument :

MSVOA_X

ClientSampleId :

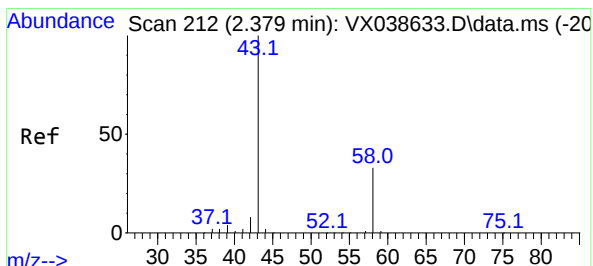
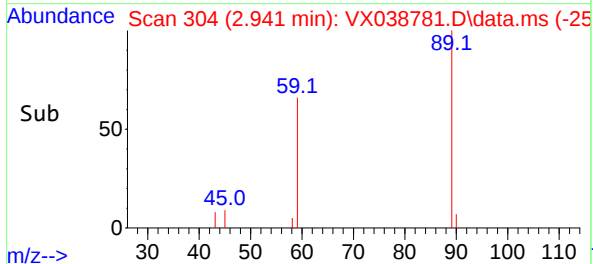
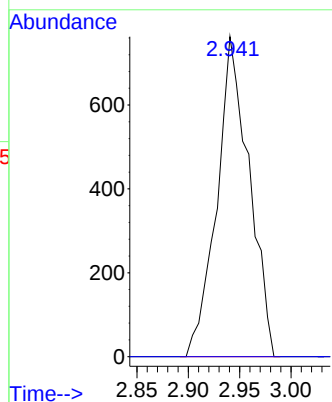
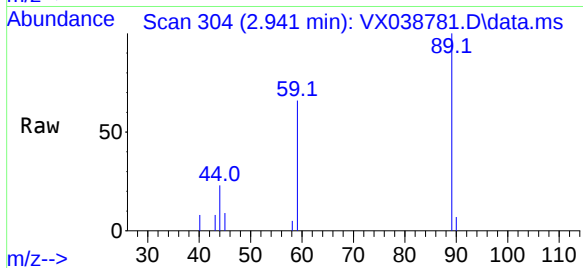
RE132D7-20231108DL

Tgt Ion: 59 Resp: 1666

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 0.385 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX038781.D

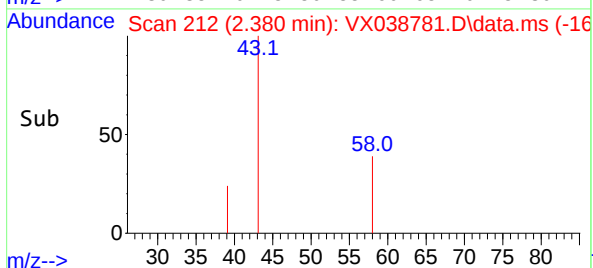
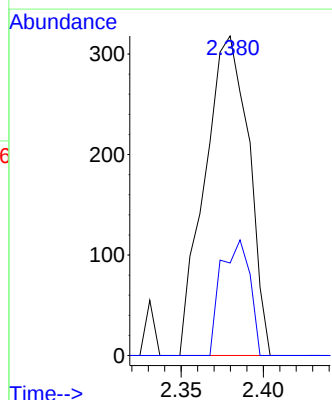
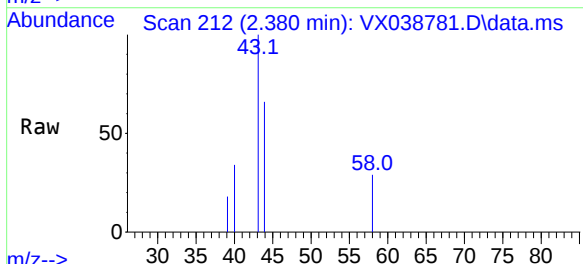
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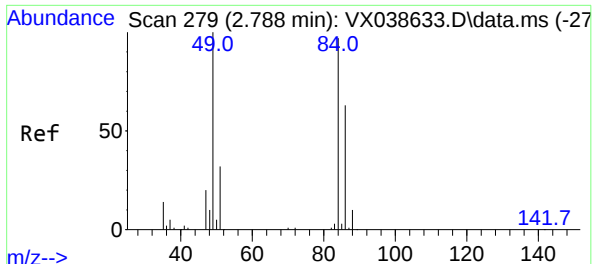
Tgt Ion: 43 Resp: 590

Ion Ratio Lower Upper

43 100

58 28.9 21.9 32.9



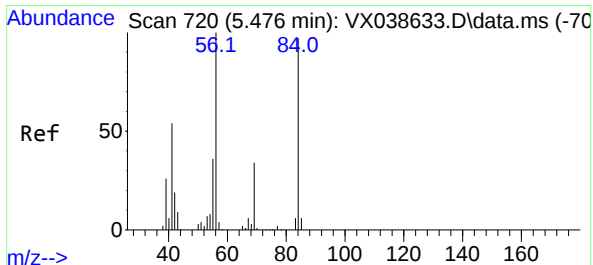
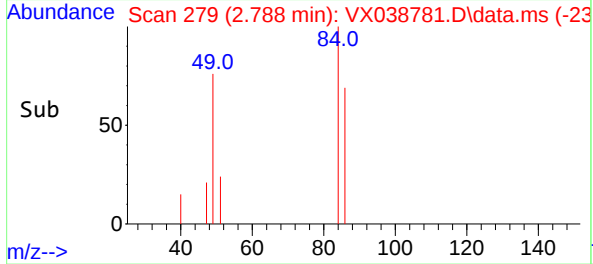
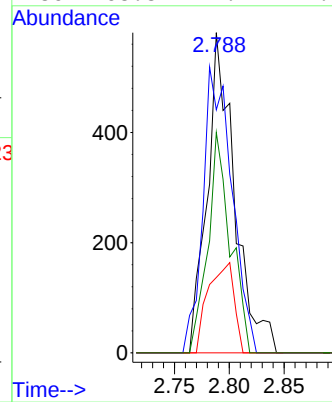
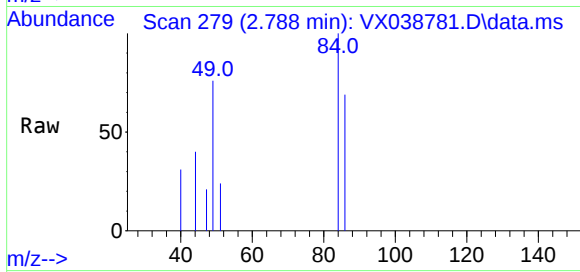


#20
Methylene Chloride
Concen: 0.327 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038781.D
Acq: 13 Nov 2023 15:07

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20231108DL

Tgt Ion: 84 Resp: 1012

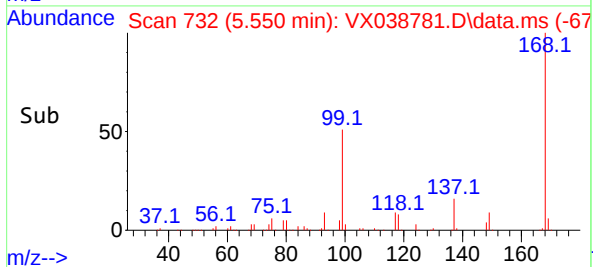
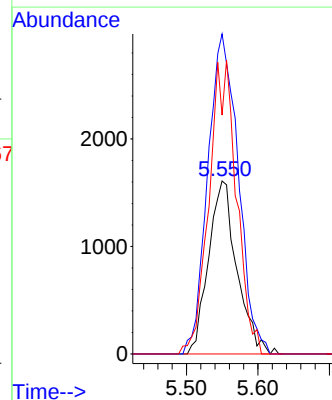
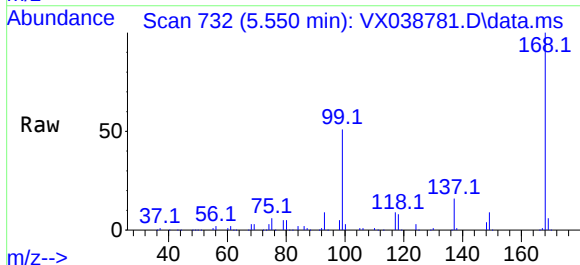
Ion	Ratio	Lower	Upper
84	100		
49	75.9	103.6	155.4#
51	23.6	33.8	50.6#
86	68.8	49.4	74.0

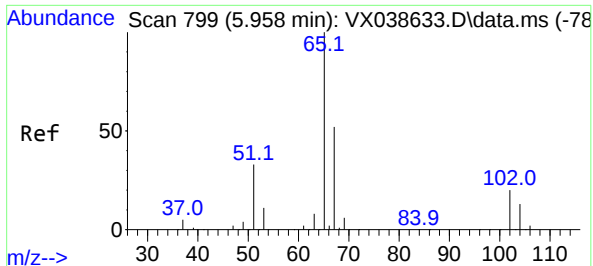


#31
Cyclohexane
Concen: 1.103 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.074 min
Lab File: VX038781.D
Acq: 13 Nov 2023 15:07

Tgt Ion: 56 Resp: 4445

Ion	Ratio	Lower	Upper
56	100		
69	185.0	23.4	35.2#
84	138.1	65.9	98.9#

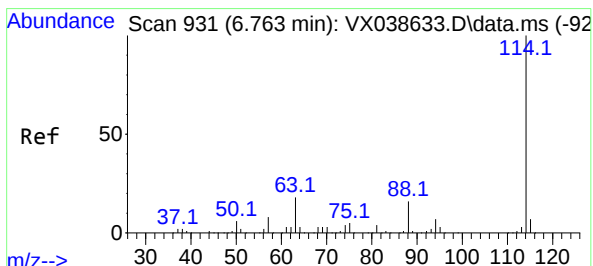
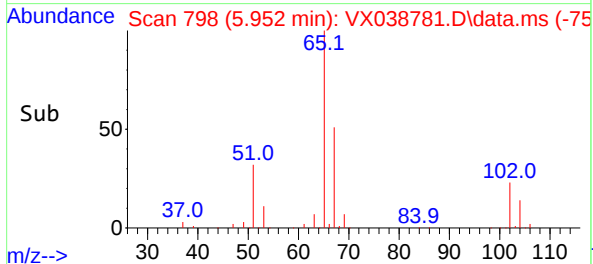
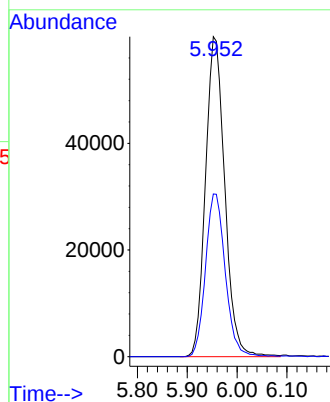
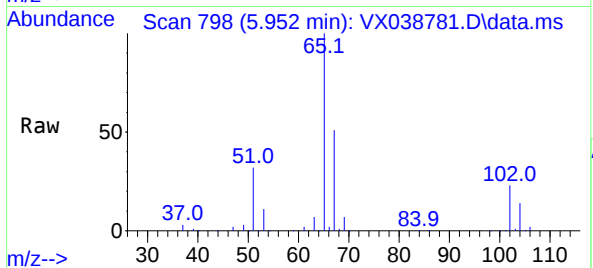




#33
1,2-Dichloroethane-d4
Concen: 44.239 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038781.D
Acq: 13 Nov 2023 15:07

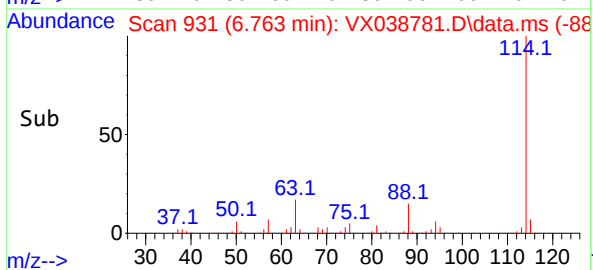
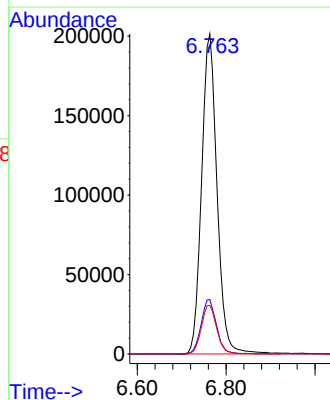
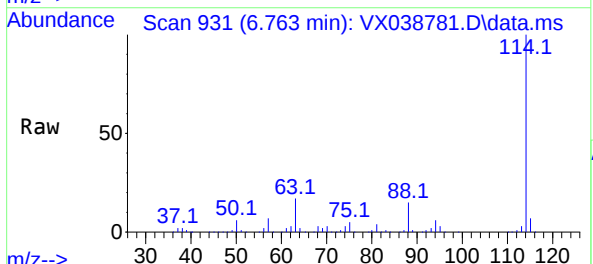
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20231108DL

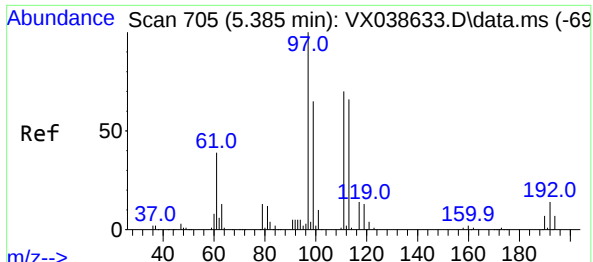
Tgt Ion: 65 Resp: 161140
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038781.D
Acq: 13 Nov 2023 15:07

Tgt Ion: 114 Resp: 486585
Ion Ratio Lower Upper
114 100
63 17.0 0.0 45.0
88 15.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.602 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038781.D

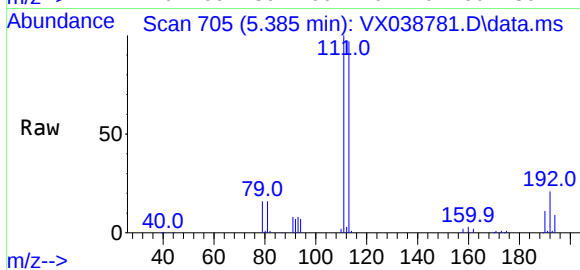
Acq: 13 Nov 2023 15:07

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20231108DL



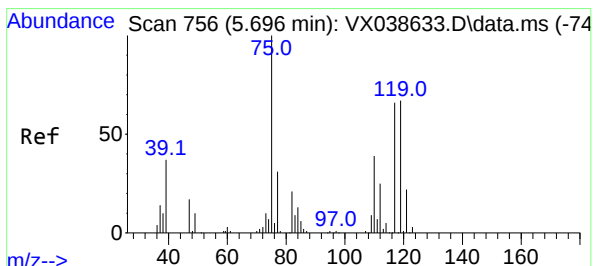
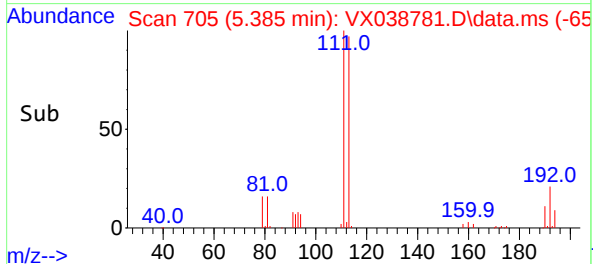
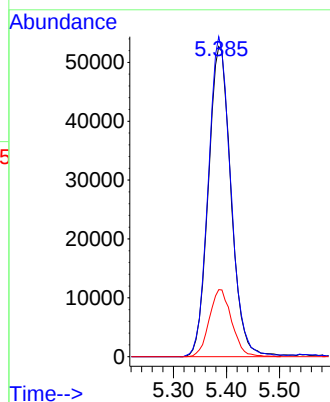
Tgt Ion:113 Resp: 156310

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

192 21.4 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 4.383 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX038781.D

Acq: 13 Nov 2023 15:07

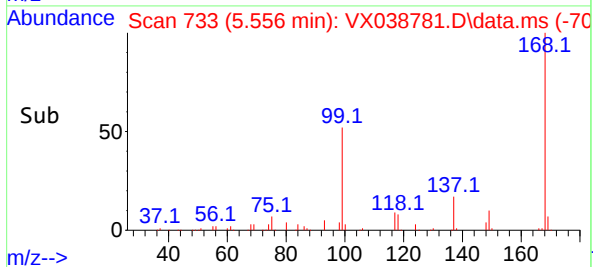
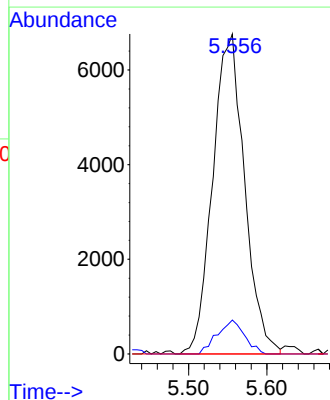
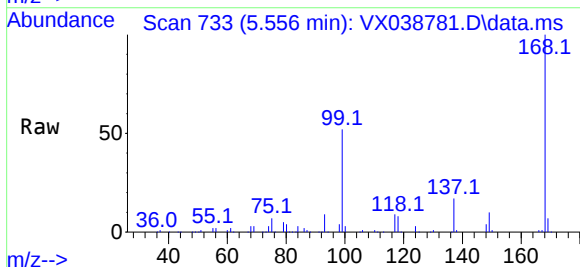
Tgt Ion: 75 Resp: 19080

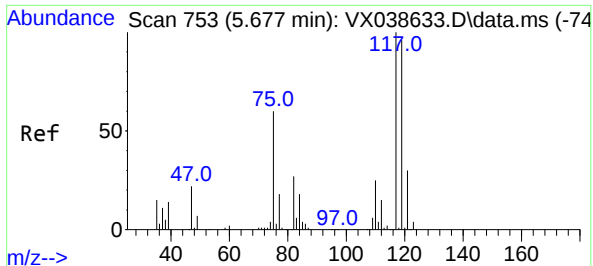
Ion Ratio Lower Upper

75 100

110 9.1 17.0 50.9#

77 0.0 24.7 37.1#

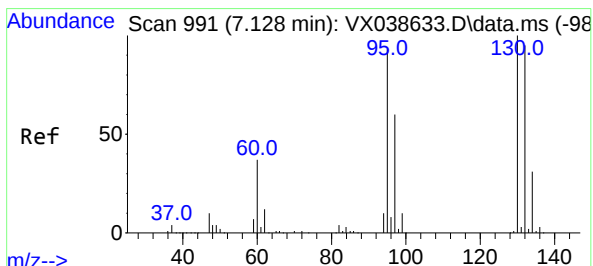
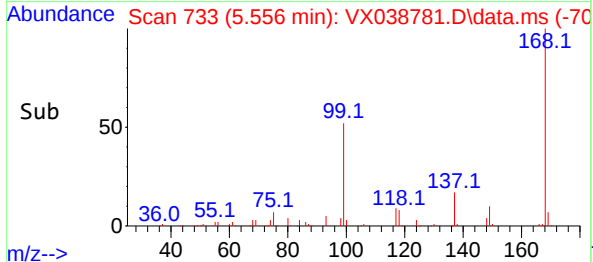
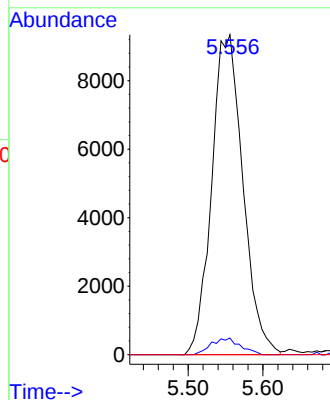
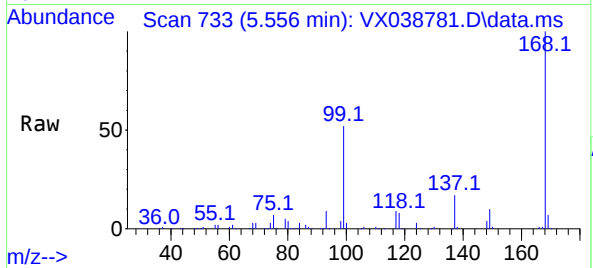




#38
Carbon Tetrachloride
Concen: 5.575 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX038781.D
Acq: 13 Nov 2023 15:07

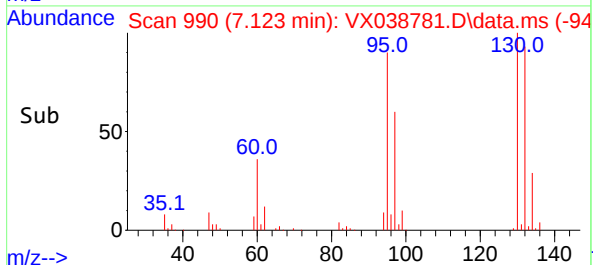
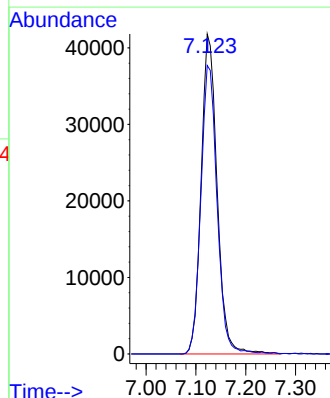
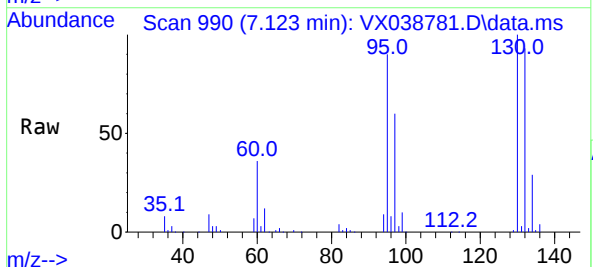
Instrument :
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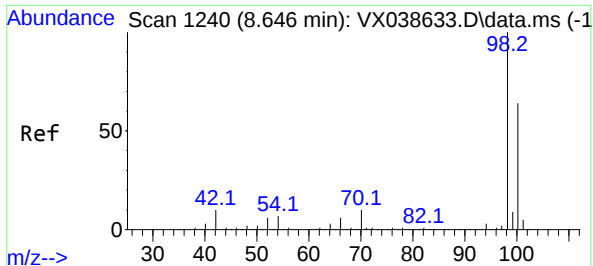
Tgt Ion:117 Resp: 27132
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 23.844 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038781.D
Acq: 13 Nov 2023 15:07

Tgt Ion:130 Resp: 93022
Ion Ratio Lower Upper
130 100
95 90.2 0.0 204.4

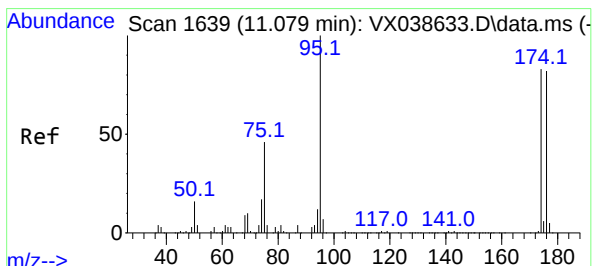
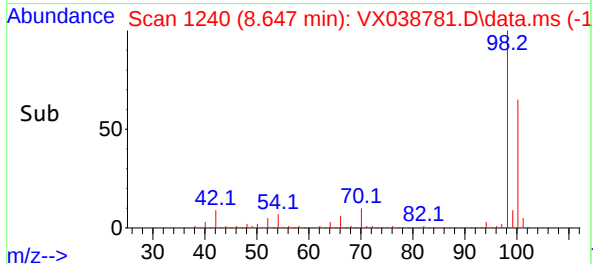
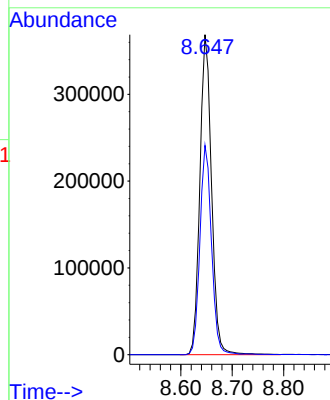
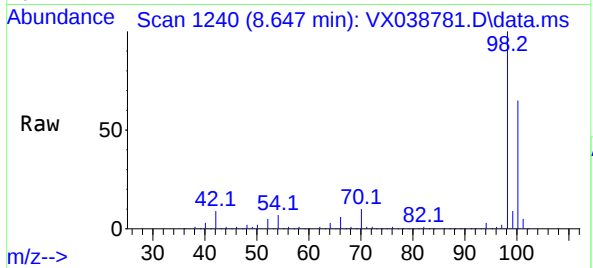




#50
Toluene-d8
Concen: 46.279 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038781.D
Acq: 13 Nov 2023 15:07

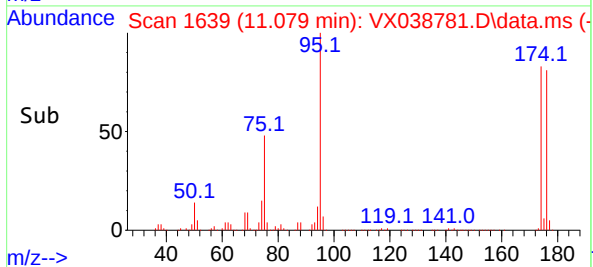
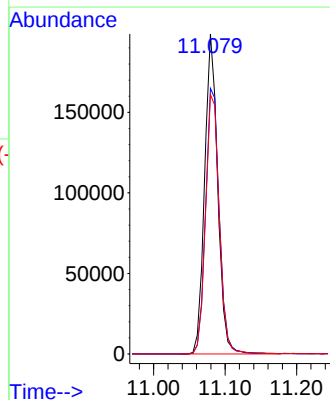
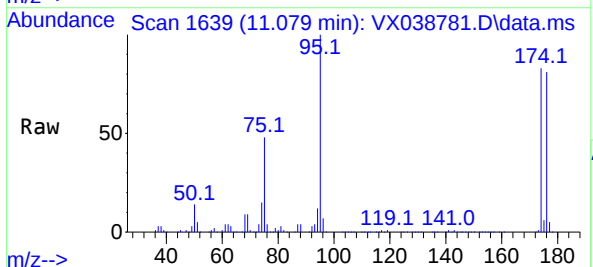
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20231108DL

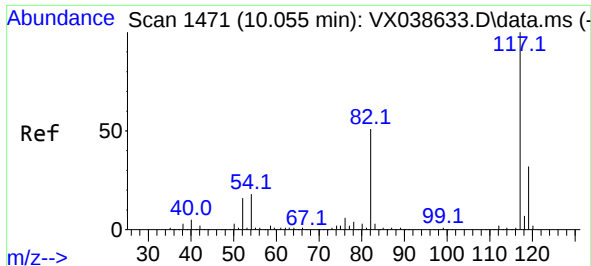
Tgt Ion: 98 Resp: 580363
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.973 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038781.D
Acq: 13 Nov 2023 15:07

Tgt Ion: 95 Resp: 252701
Ion Ratio Lower Upper
95 100
174 87.4 0.0 135.6
176 85.1 0.0 131.0

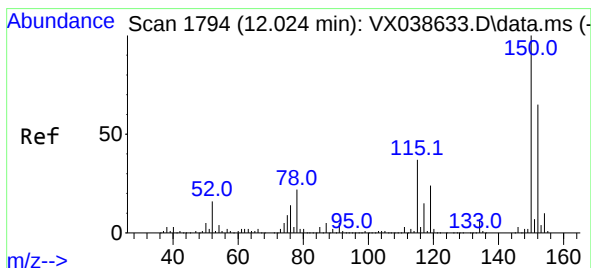
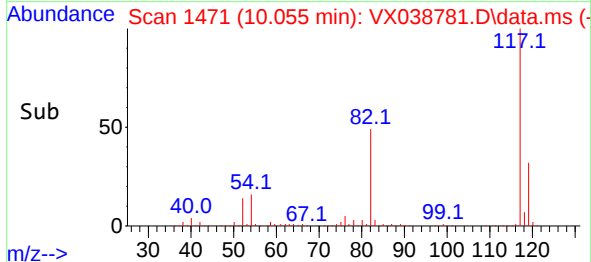
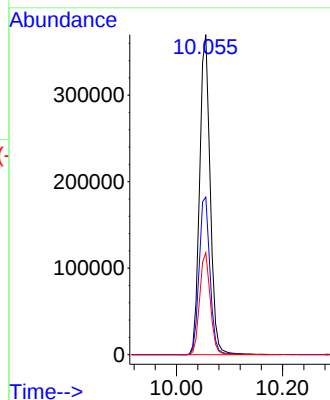
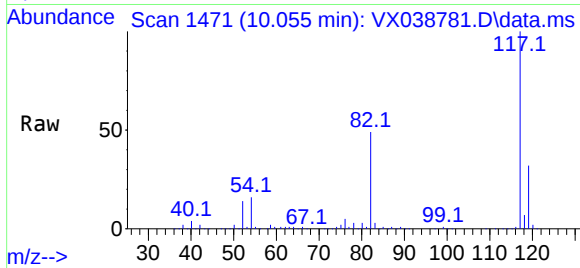




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038781.D
Acq: 13 Nov 2023 15:07

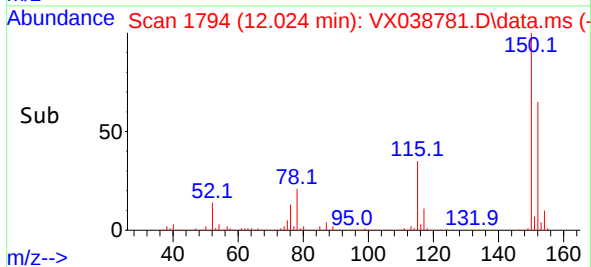
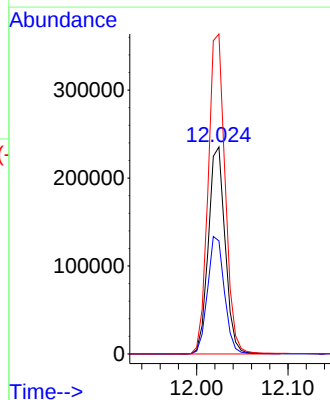
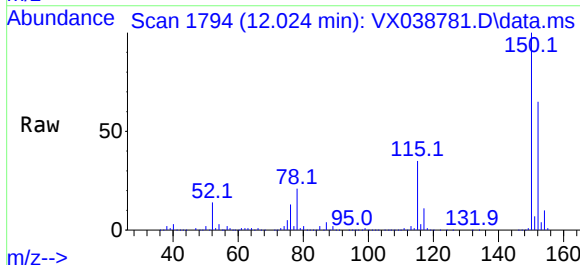
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20231108DL

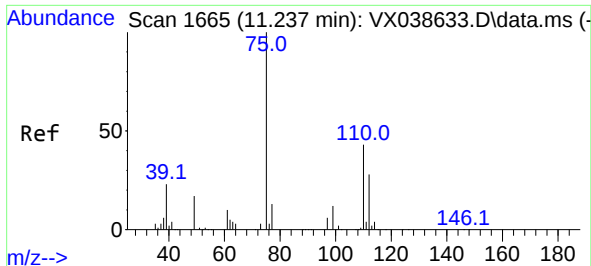
Tgt Ion:117 Resp: 511058
Ion Ratio Lower Upper
117 100
82 49.2 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038781.D
Acq: 13 Nov 2023 15:07

Tgt Ion:152 Resp: 300204
Ion Ratio Lower Upper
152 100
115 57.1 43.3 129.9
150 156.8 0.0 345.0

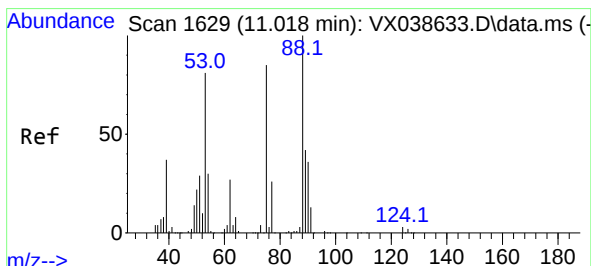
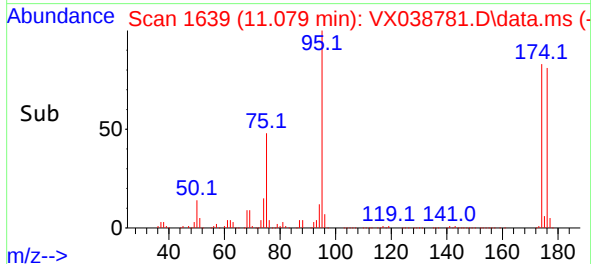
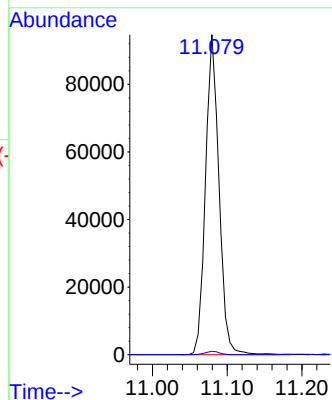
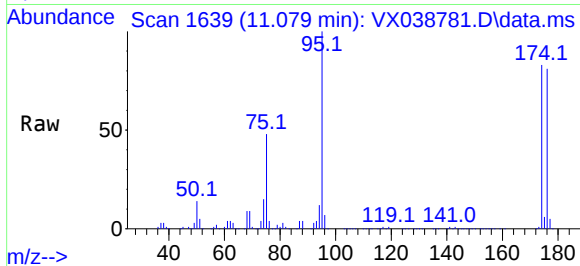




#76
1,2,3-Trichloropropane
Concen: 19.917 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038781.D
Acq: 13 Nov 2023 15:07

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20231108DL

Tgt Ion: 75 Resp: 118417
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.900 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038781.D
Acq: 13 Nov 2023 15:07

Tgt Ion: 75 Resp: 118417
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

