

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037344.D
 Acq On : 29 Aug 2023 16:04
 Operator : JC/MD
 Sample : 04208-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-02-133-082823-H

Quant Time: Aug 30 02:07:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	139098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227093	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87416	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84624	42.199	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.400%
35) Dibromofluoromethane	5.385	113	69774	46.393	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.780%
50) Toluene-d8	8.647	98	265347	48.638	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.280%
62) 4-Bromofluorobenzene	11.079	95	95576	44.580	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.160%

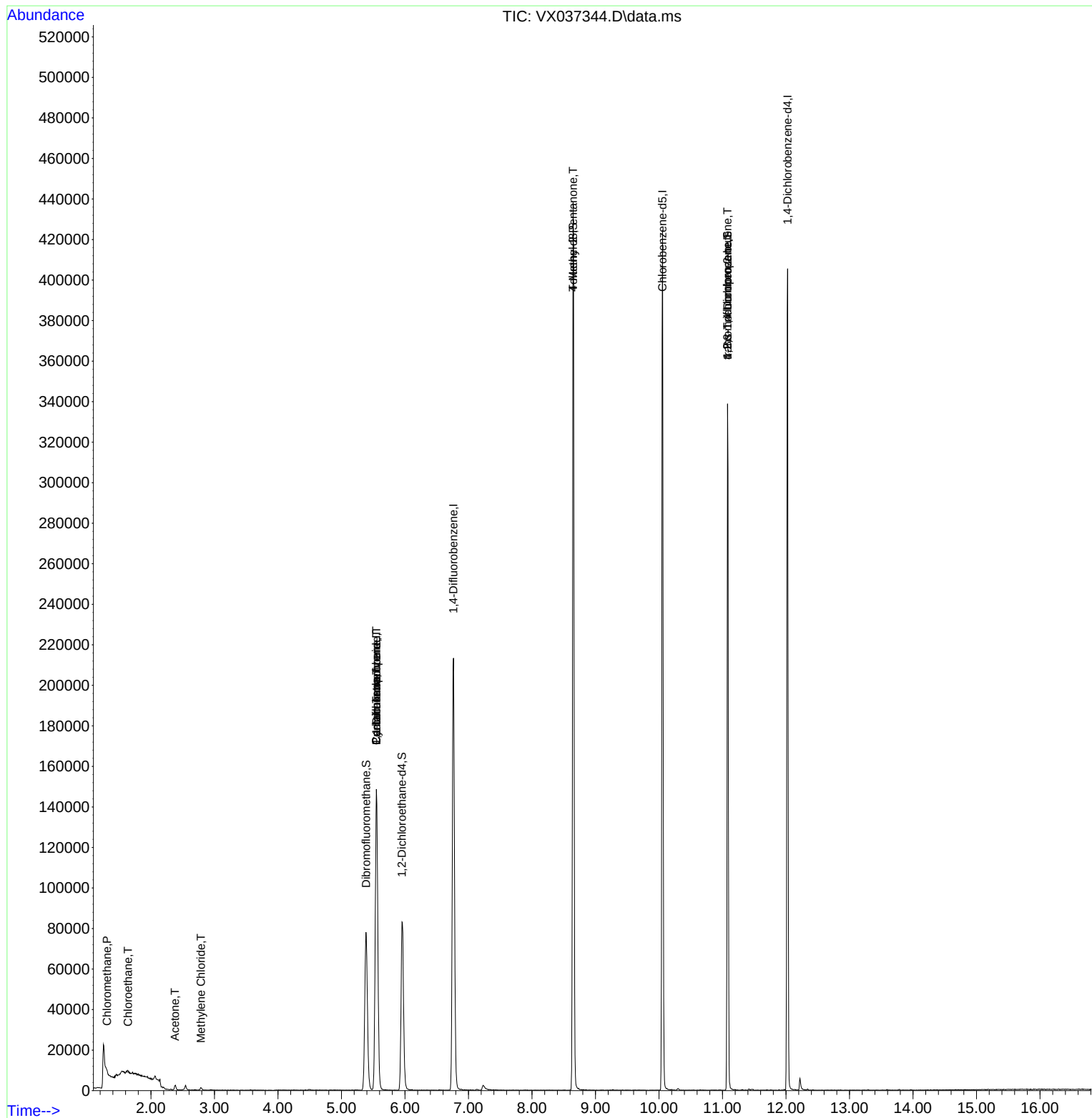
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.307	50	397	0.281	ug/l #	82
6) Chloroethane	1.636	64	4368	4.824	ug/l #	55
16) Acetone	2.380	43	2652	3.380	ug/l	99
20) Methylene Chloride	2.788	84	656	0.374	ug/l #	86
31) Cyclohexane	5.550	56	2555	1.133	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10522	4.924	ug/l #	52
38) Carbon Tetrachloride	5.550	117	14702	6.334	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1026	0.488	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47138	25.320	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	47138	70.721	ug/l #	5

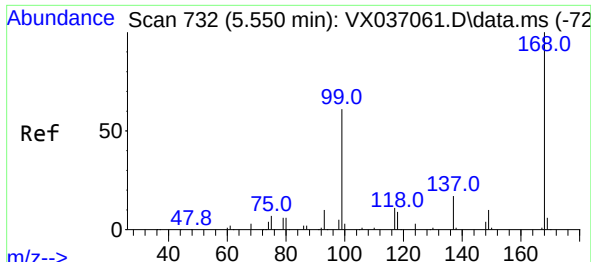
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
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BR-02-133-082823-H

Quant Time: Aug 30 02:07:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

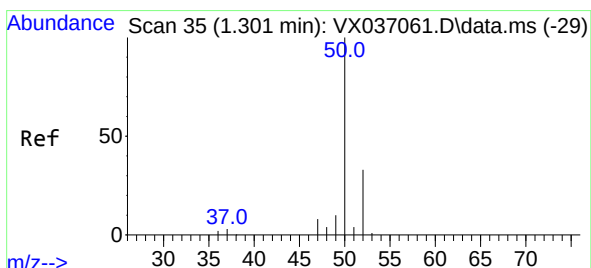
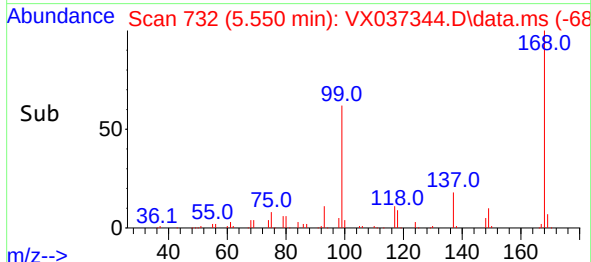
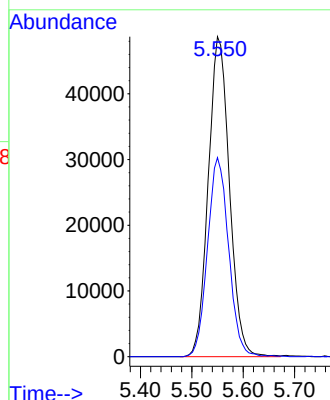
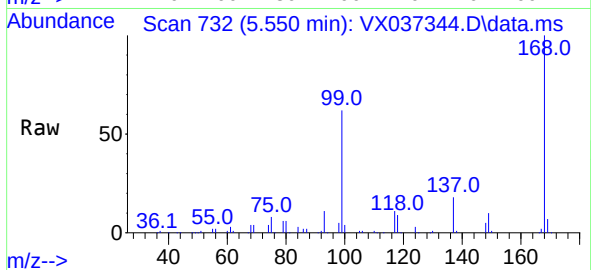




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037344.D
Acq: 29 Aug 2023 16:04

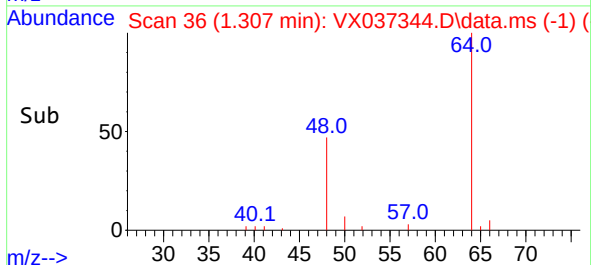
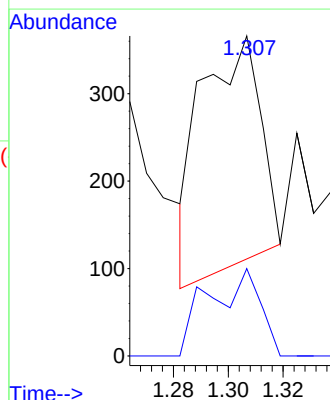
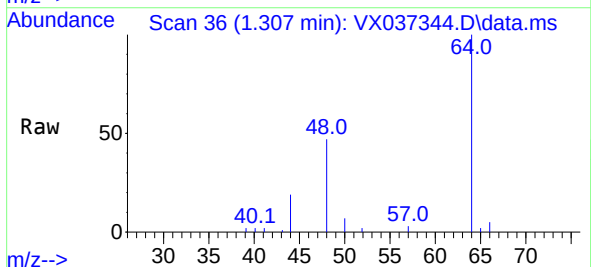
Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-082823-H

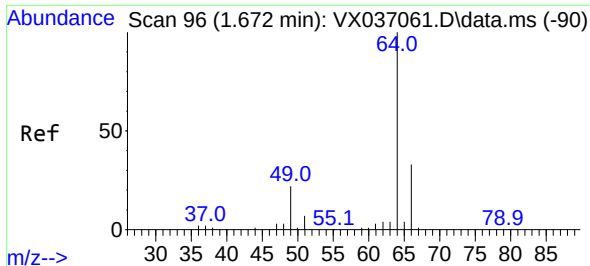
Tgt Ion:168 Resp: 139098
Ion Ratio Lower Upper
168 100
99 62.2 56.6 85.0



#3
Chloromethane
Concen: 0.281 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX037344.D
Acq: 29 Aug 2023 16:04

Tgt Ion: 50 Resp: 397
Ion Ratio Lower Upper
50 100
52 42.0 25.5 38.3#

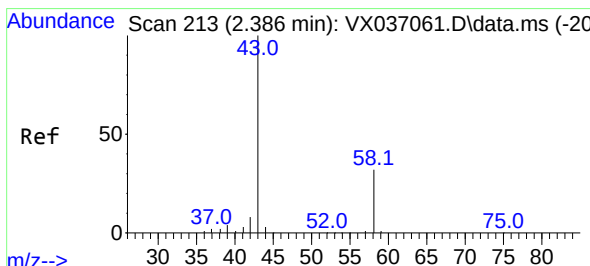
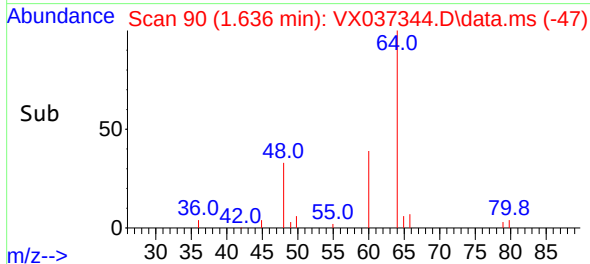
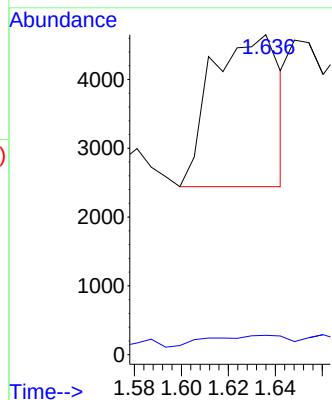
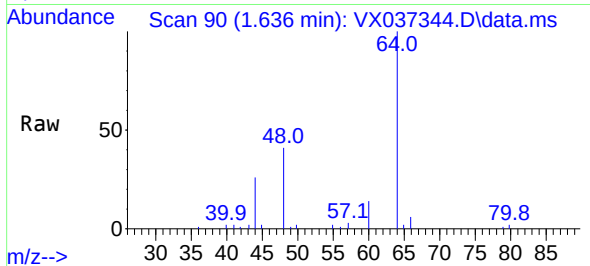




#6
Chloroethane
Concen: 4.824 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.036 min
Lab File: VX037344.D
Acq: 29 Aug 2023 16:04

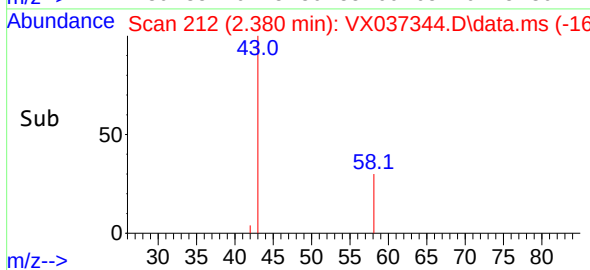
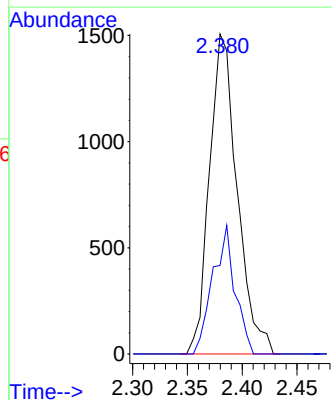
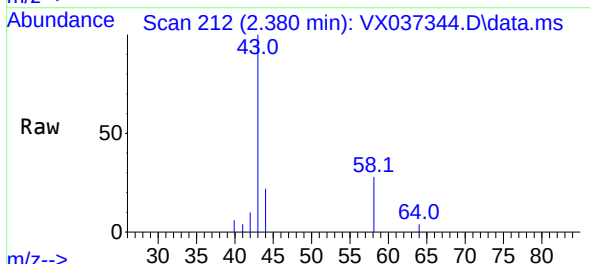
Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-082823-H

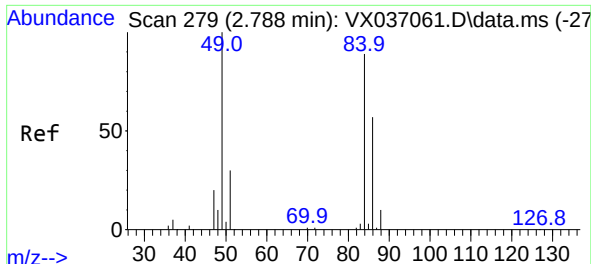
Tgt Ion: 64 Resp: 4368
Ion Ratio Lower Upper
64 100
66 6.7 25.1 37.7#



#16
Acetone
Concen: 3.380 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037344.D
Acq: 29 Aug 2023 16:04

Tgt Ion: 43 Resp: 2652
Ion Ratio Lower Upper
43 100
58 27.7 21.9 32.9

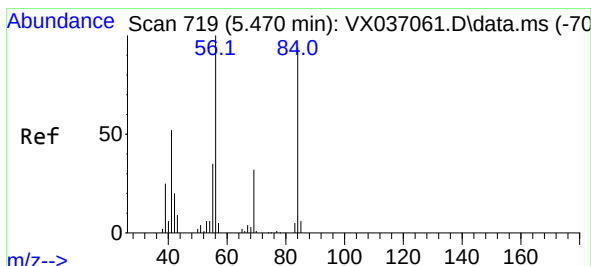
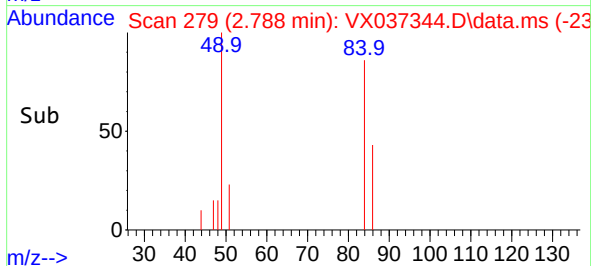
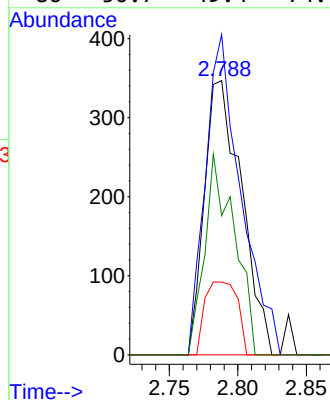
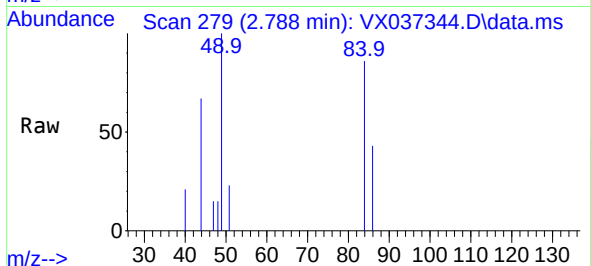




#20
Methylene Chloride
Concen: 0.374 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037344.D
Acq: 29 Aug 2023 16:04

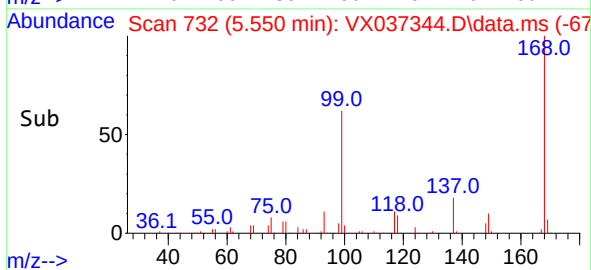
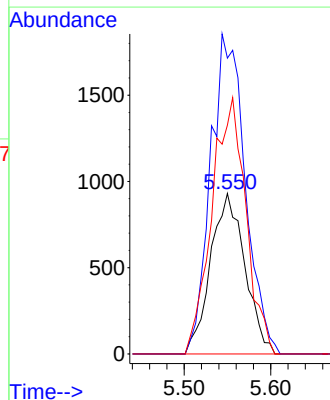
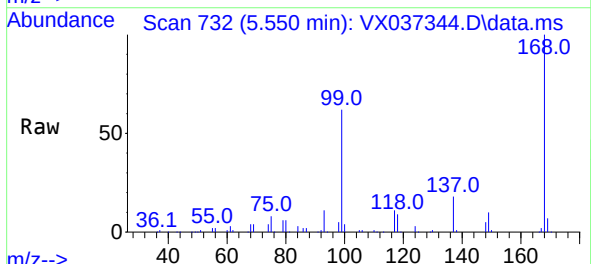
Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-082823-H

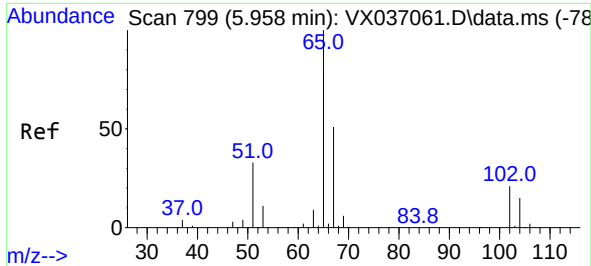
Tgt Ion:	84	Resp:	656
Ion	Ratio	Lower	Upper
84	100		
49	116.7	103.6	155.4
51	26.5	33.8	50.6#
86	50.7	49.4	74.0



#31
Cyclohexane
Concen: 1.133 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037344.D
Acq: 29 Aug 2023 16:04

Tgt Ion:	56	Resp:	2555
Ion	Ratio	Lower	Upper
56	100		
69	184.4	23.4	35.2#
84	142.6	65.9	98.9#

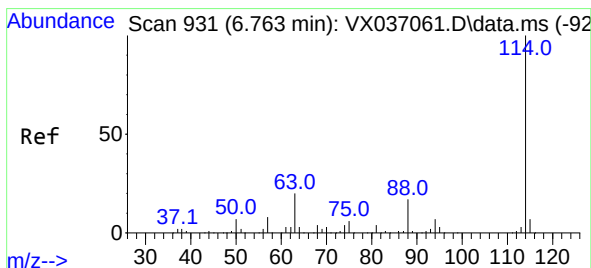
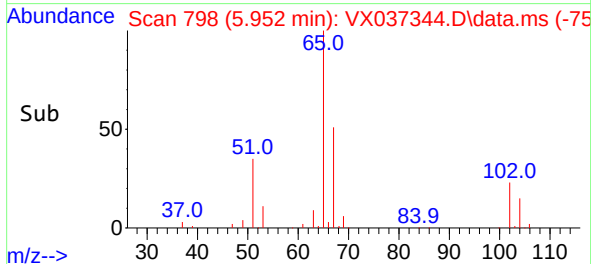
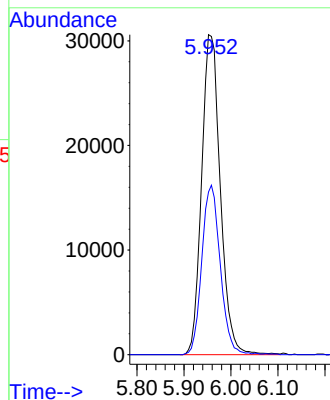
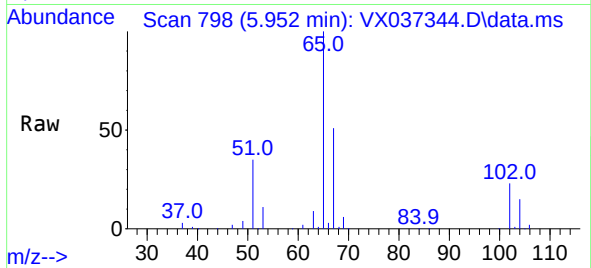




#33
1,2-Dichloroethane-d4
Concen: 42.199 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX037344.D
Acq: 29 Aug 2023 16:04

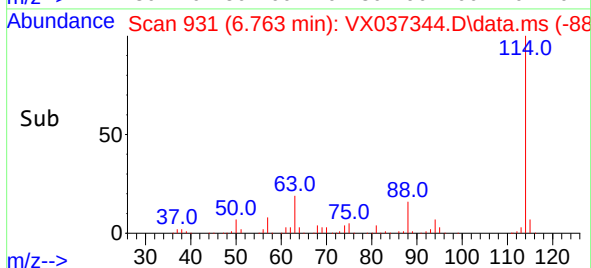
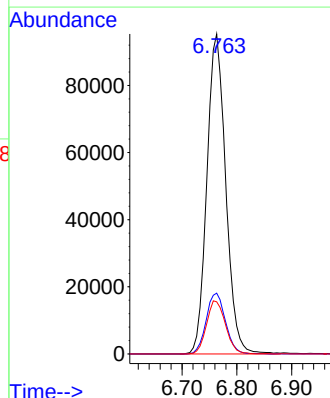
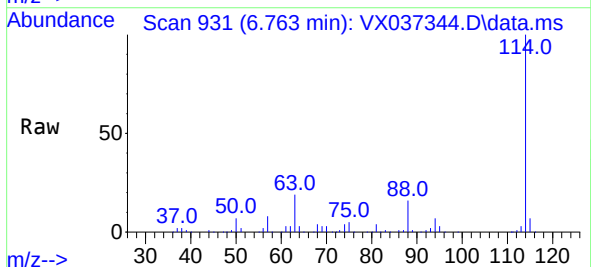
Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-082823-H

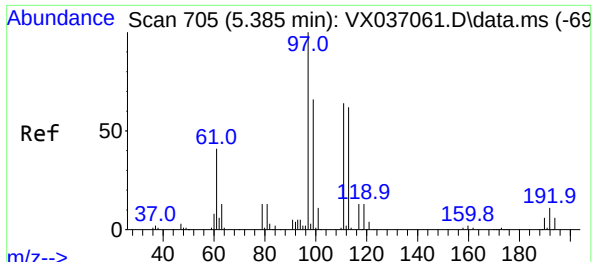
Tgt Ion: 65 Resp: 84624
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037344.D
Acq: 29 Aug 2023 16:04

Tgt Ion: 114 Resp: 227093
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 16.3 0.0 36.6



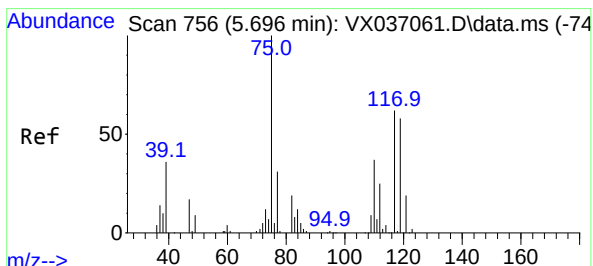
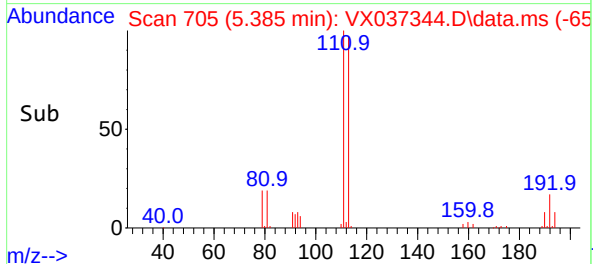
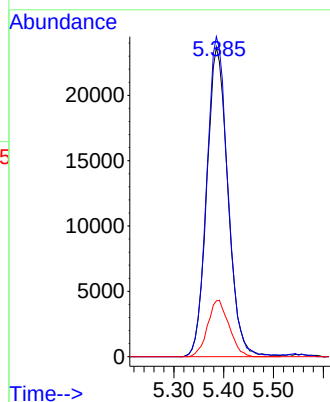
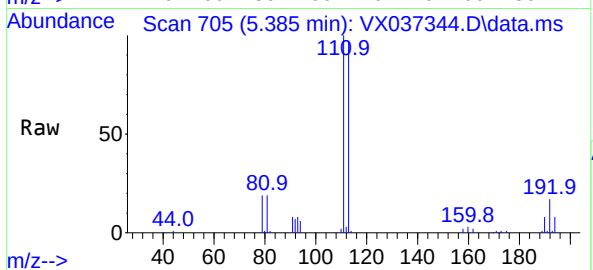


#35
Dibromofluoromethane
Concen: 46.393 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037344.D
Acq: 29 Aug 2023 16:04

Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-082823-H

Tgt Ion:113 Resp: 69774

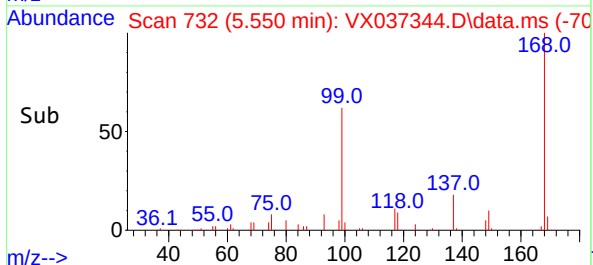
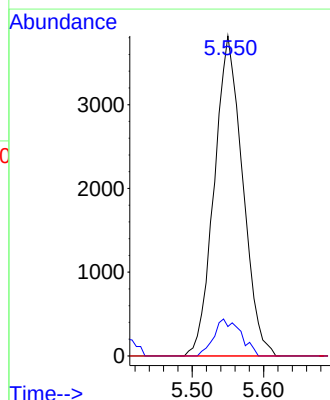
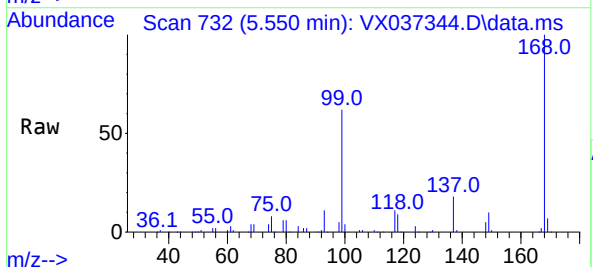
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	18.4	13.3	19.9

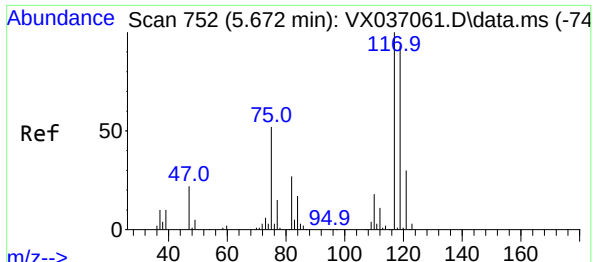


#36
1,1-Dichloropropene
Concen: 4.924 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037344.D
Acq: 29 Aug 2023 16:04

Tgt Ion: 75 Resp: 10522

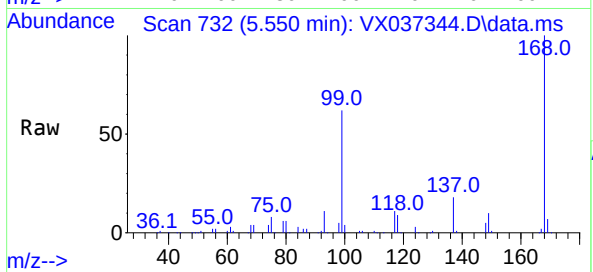
Ion	Ratio	Lower	Upper
75	100		
110	10.9	17.0	50.9#
77	0.0	24.7	37.1#



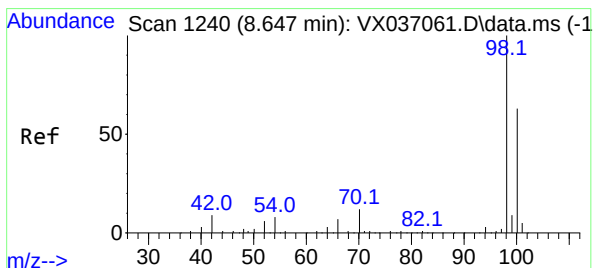
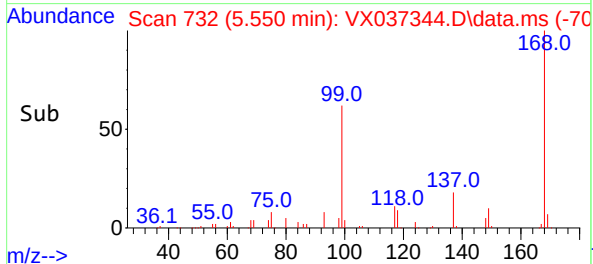
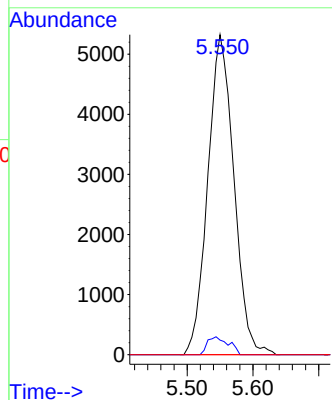


#38
Carbon Tetrachloride
Concen: 6.334 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037344.D
Acq: 29 Aug 2023 16:04

Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-082823-H

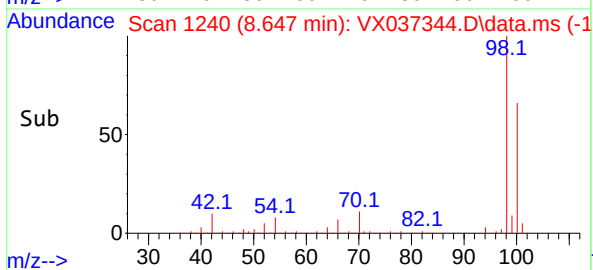
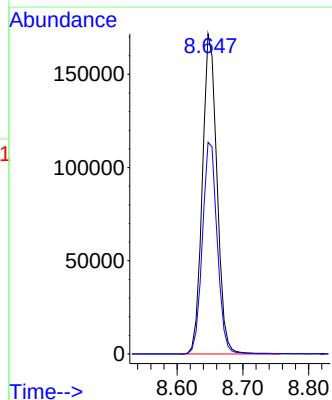
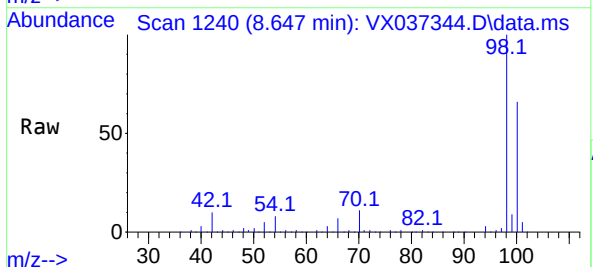


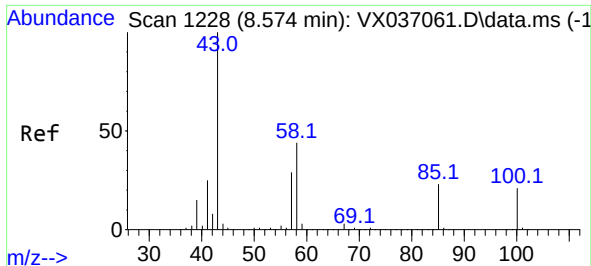
Tgt Ion:117 Resp: 14702
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.638 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037344.D
Acq: 29 Aug 2023 16:04

Tgt Ion: 98 Resp: 265347
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7

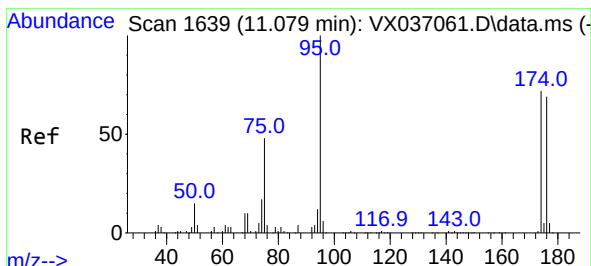
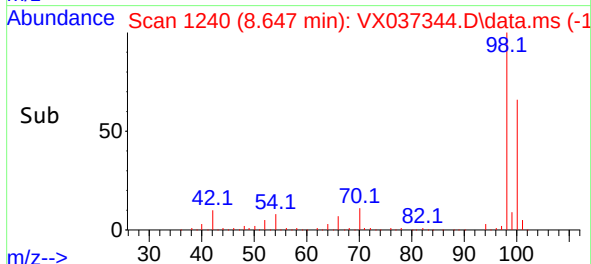
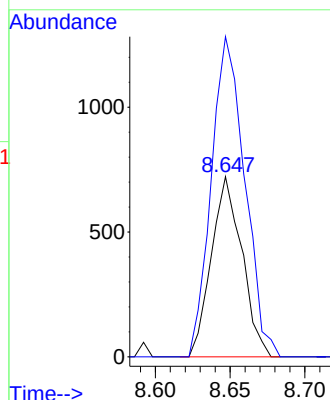
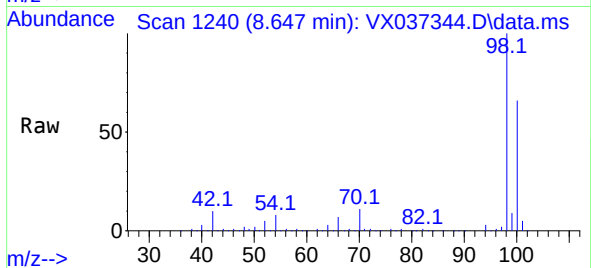




#51
4-Methyl-2-Pentanone
Concen: 0.488 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037344.D
Acq: 29 Aug 2023 16:04

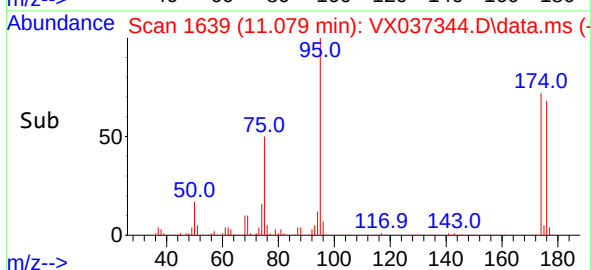
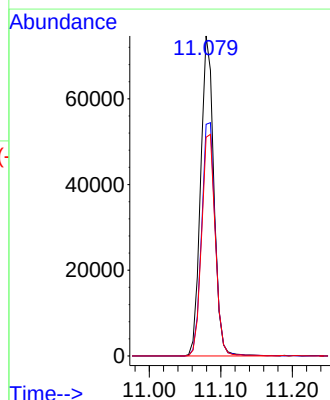
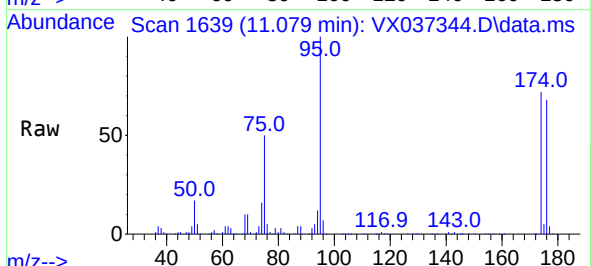
Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-082823-H

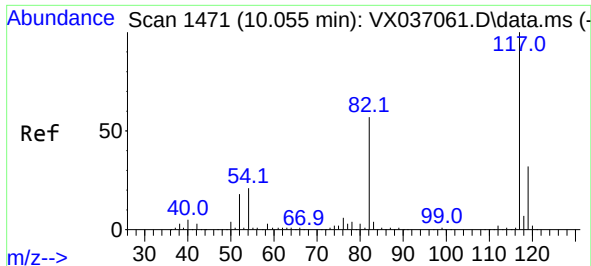
Tgt Ion: 43 Resp: 1026
Ion Ratio Lower Upper
43 100
58 194.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.580 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037344.D
Acq: 29 Aug 2023 16:04

Tgt Ion: 95 Resp: 95576
Ion Ratio Lower Upper
95 100
174 75.2 0.0 135.6
176 71.8 0.0 131.0

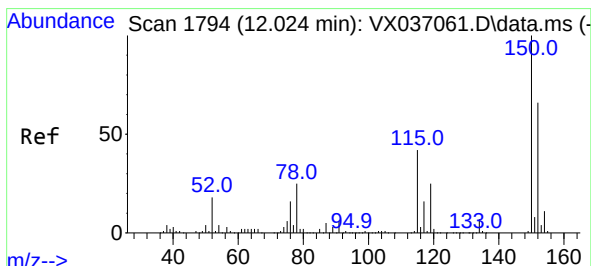
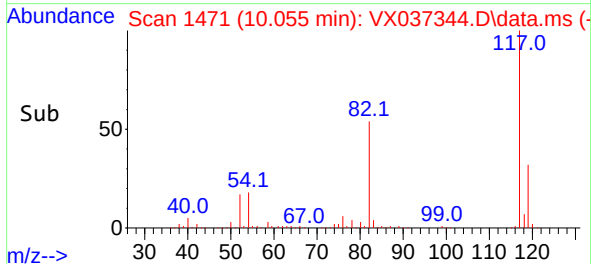
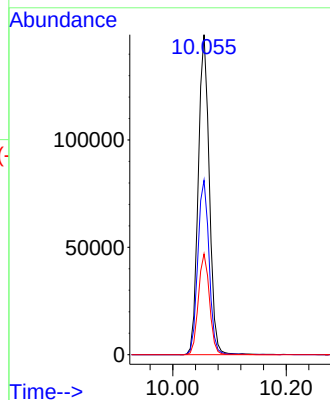
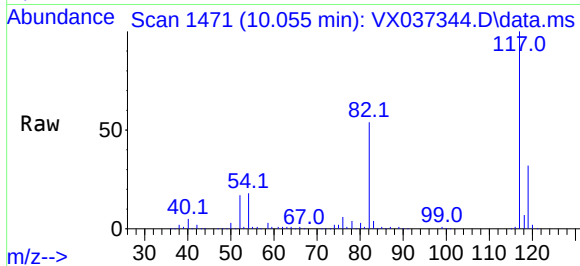




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037344.D
Acq: 29 Aug 2023 16:04

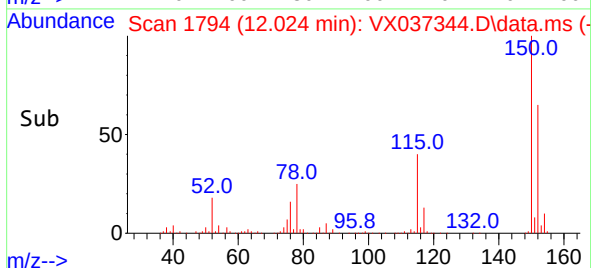
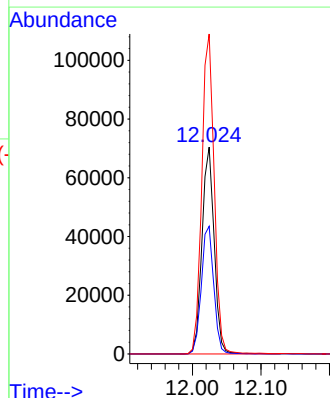
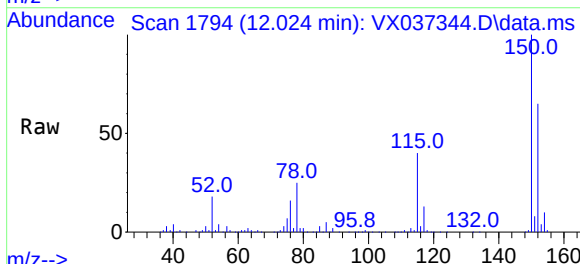
Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-082823-H

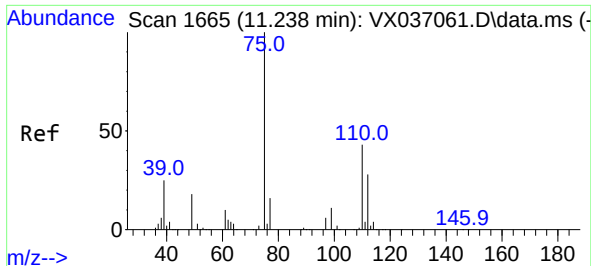
Tgt Ion:117 Resp: 201452
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037344.D
Acq: 29 Aug 2023 16:04

Tgt Ion:152 Resp: 87416
Ion Ratio Lower Upper
152 100
115 62.8 43.3 129.9
150 157.2 0.0 345.0

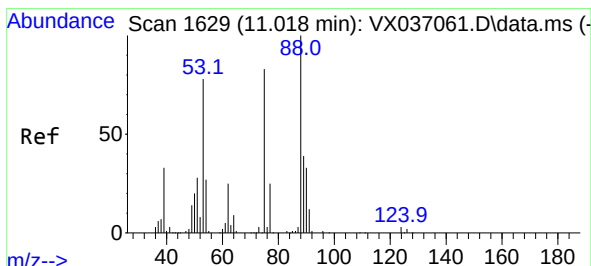
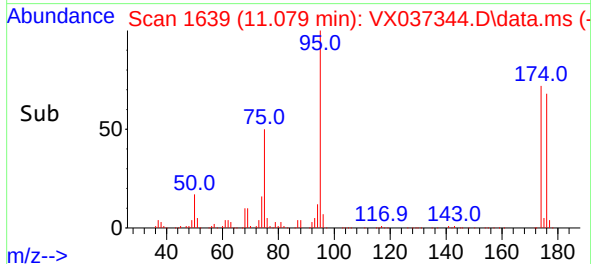
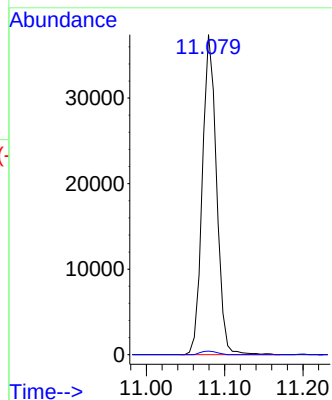
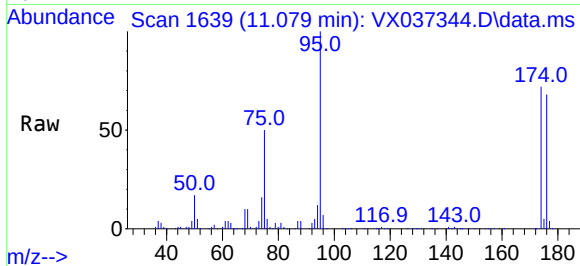




#76
1,2,3-Trichloropropane
Concen: 25.320 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037344.D
Acq: 29 Aug 2023 16:04

Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-082823-H

Tgt Ion: 75 Resp: 47138
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.721 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037344.D
Acq: 29 Aug 2023 16:04

Tgt Ion: 75 Resp: 47138
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

