

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044480.D
 Acq On : 23 Dec 2024 15:15
 Operator : JC/MD
 Sample : P5374-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-190A-EB-20241218

Quant Time: Dec 23 21:58:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

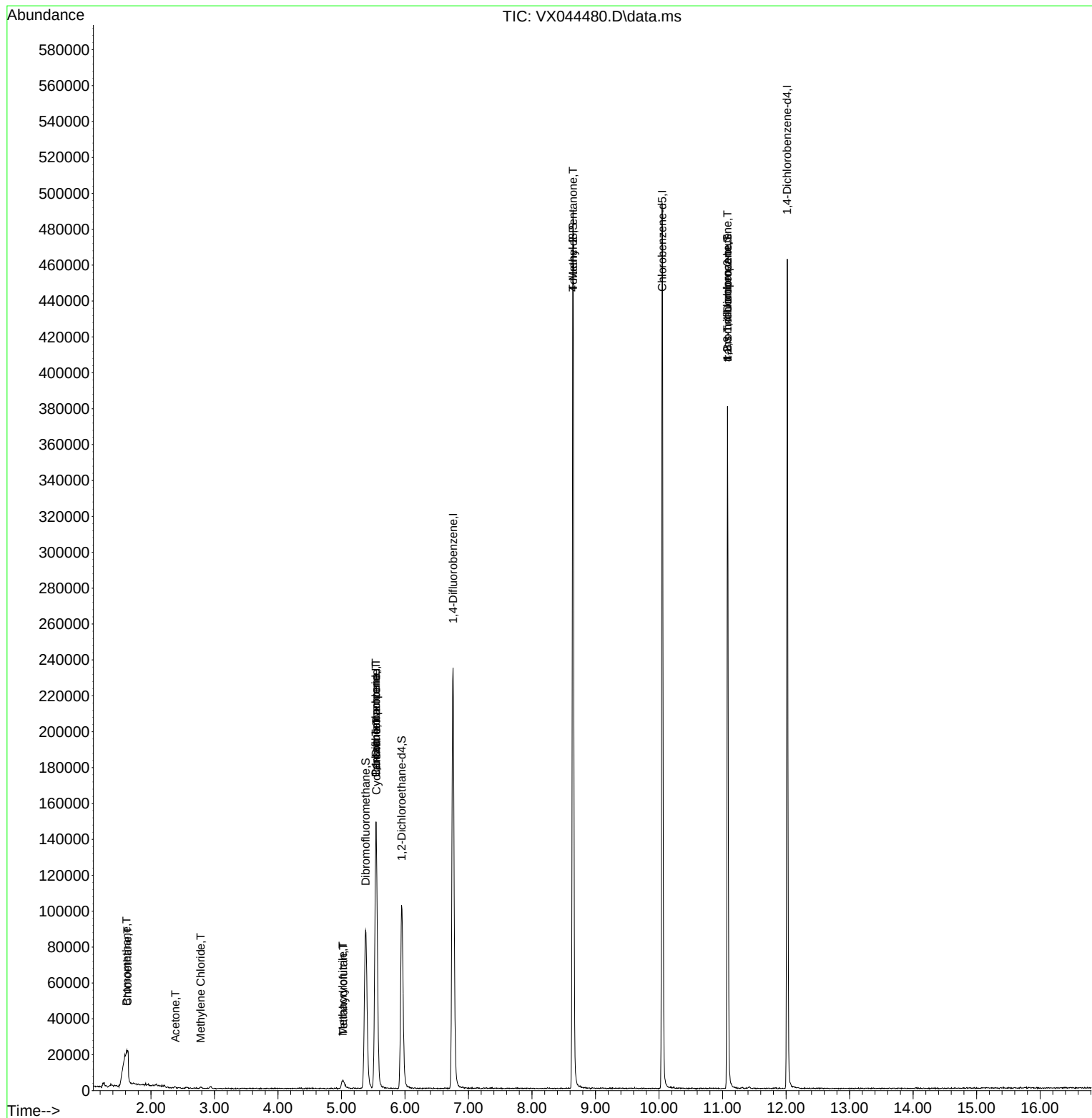
Internal Standards						
1) Pentafluorobenzene	5.543	168	136476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	243949	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	221103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	99200	41.456	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.920%		
35) Dibromofluoromethane	5.379	113	77969	46.147	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.300%		
50) Toluene-d8	8.647	98	294876	51.732	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.460%		
62) 4-Bromofluorobenzene	11.079	95	96446	48.422	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.840%		
Target Compounds						Qvalue
5) Bromomethane	1.617	94	697	0.467	ug/l #	25
6) Chloroethane	1.630	64	567	0.433	ug/l #	86
16) Acetone	2.386	43	718	0.736	ug/l #	80
20) Methylene Chloride	2.782	84	377	0.206	ug/l #	43
29) Tetrahydrofuran	5.025	42	4907	5.512	ug/l #	64
31) Cyclohexane	5.550	56	3433	1.329	ug/l #	59
36) 1,1-Dichloropropene	5.543	75	11178	5.118	ug/l #	50
38) Carbon Tetrachloride	5.543	117	14919	6.345	ug/l #	16
41) Methacrylonitrile	5.019	41	2983	2.081	ug/l #	46
51) 4-Methyl-2-Pentanone	8.647	43	1418	0.523	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	51993	25.642	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	51993	70.858	ug/l #	4

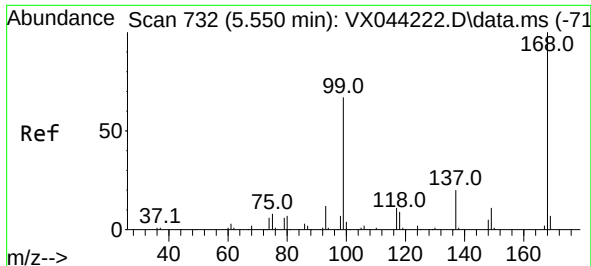
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044480.D
Acq On : 23 Dec 2024 15:15
Operator : JC/MD
Sample : P5374-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241218

Quant Time: Dec 23 21:58:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

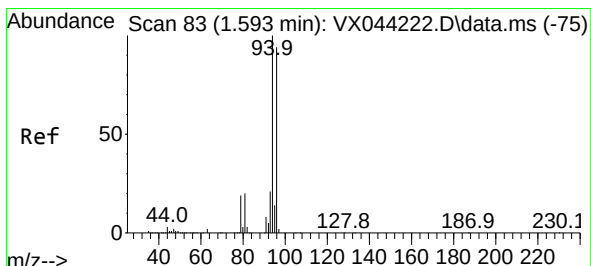
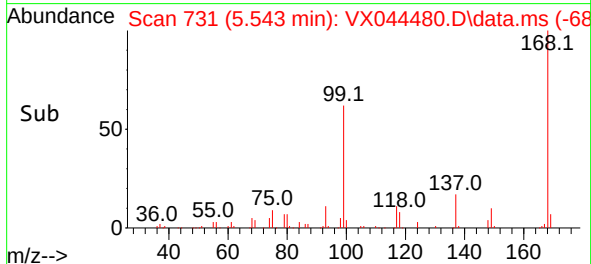
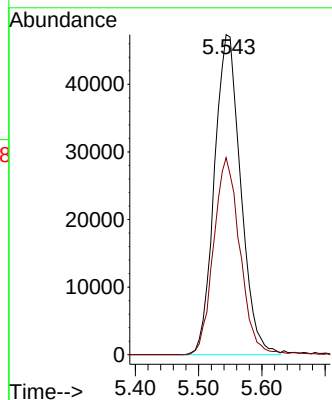
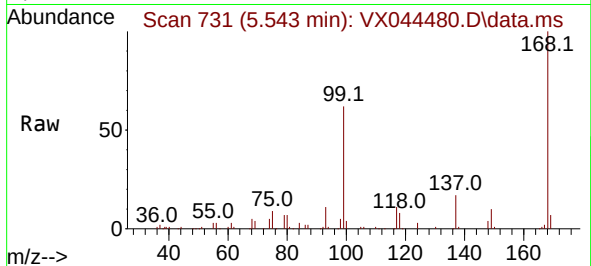




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

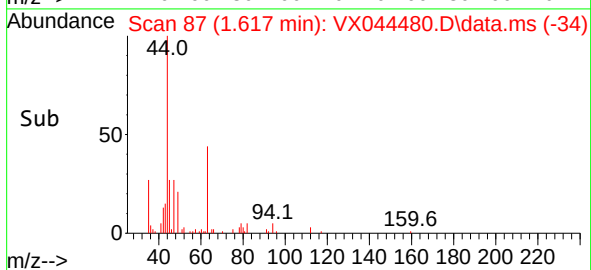
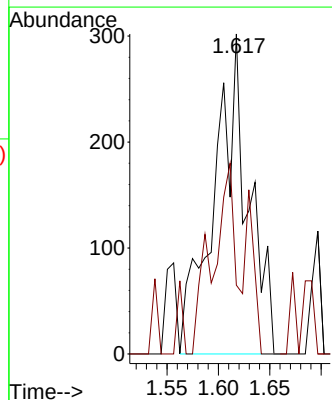
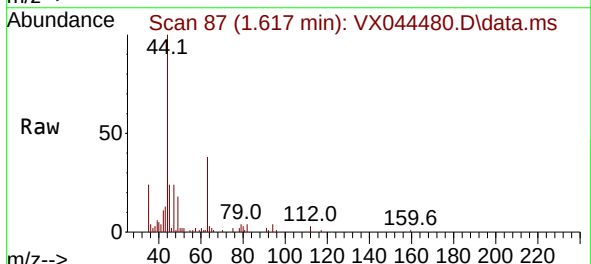
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241218

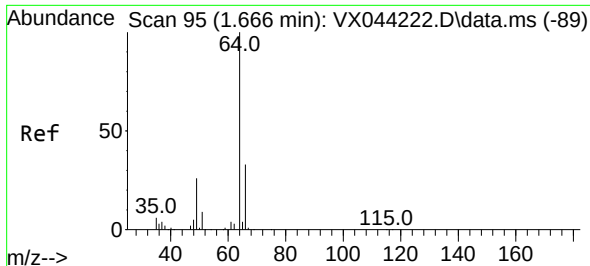
Tgt Ion:168 Resp: 136476
Ion Ratio Lower Upper
168 100
99 61.6 53.4 80.0



#5
Bromomethane
Concen: 0.467 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.024 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

Tgt Ion: 94 Resp: 697
Ion Ratio Lower Upper
94 100
96 21.5 74.9 112.3#

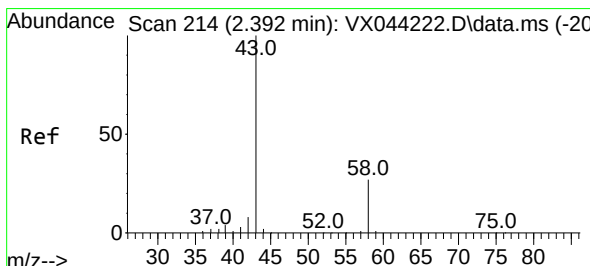
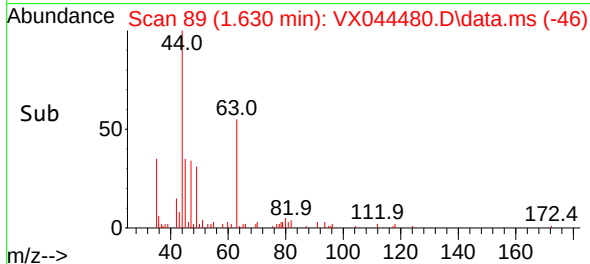
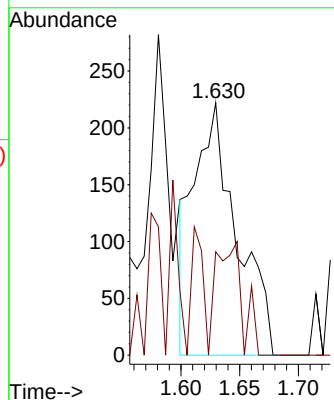
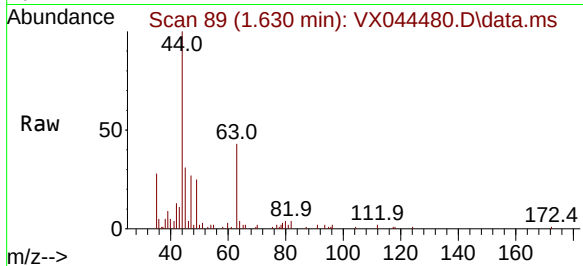




#6
Chloroethane
Concen: 0.433 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.037 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

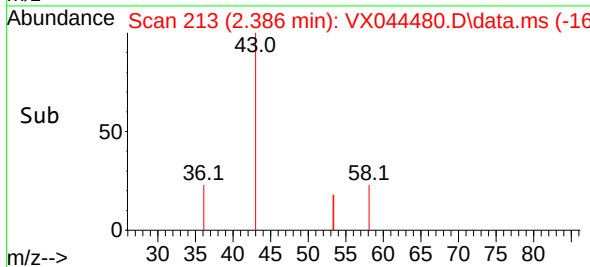
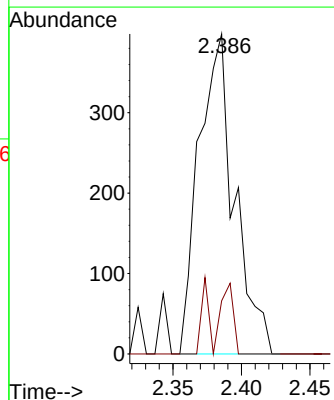
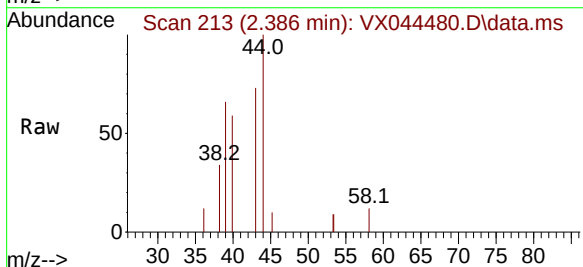
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241218

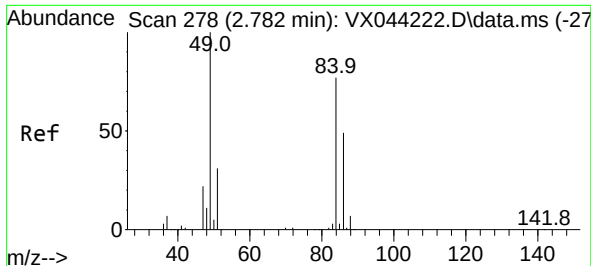
Tgt Ion: 64 Resp: 567
Ion Ratio Lower Upper
64 100
66 41.0 26.6 39.8#



#16
Acetone
Concen: 0.736 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

Tgt Ion: 43 Resp: 718
Ion Ratio Lower Upper
43 100
58 16.6 21.6 32.4#

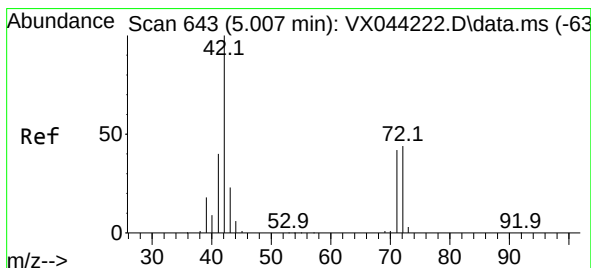
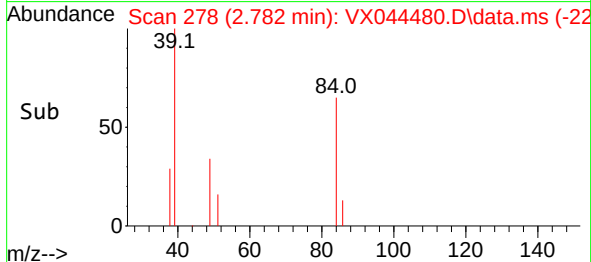
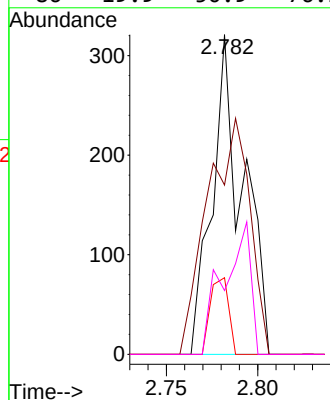
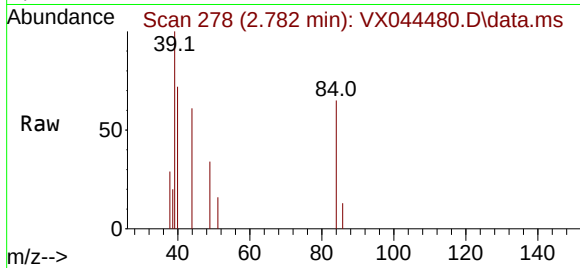




#20
Methylene Chloride
Concen: 0.206 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

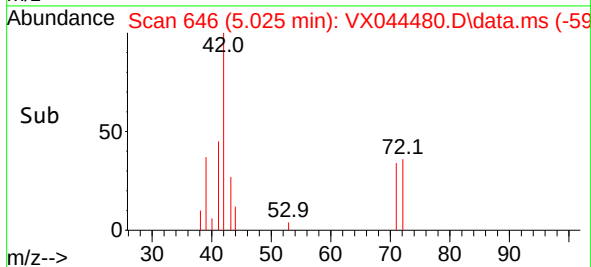
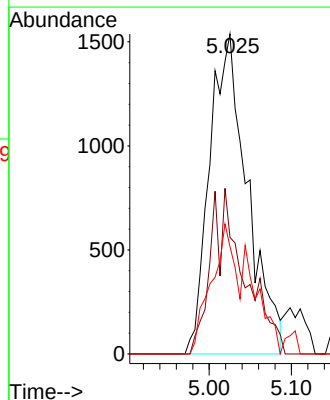
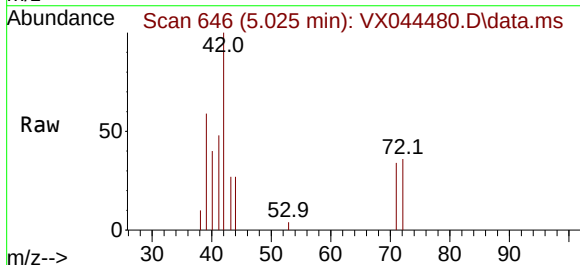
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241218

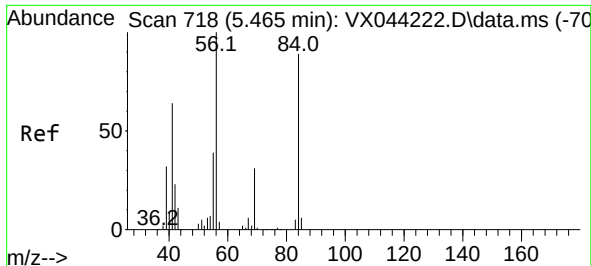
Tgt Ion:	84	Resp:	377
Ion	Ratio	Lower	Upper
84	100		
49	53.0	104.2	156.4#
51	24.0	32.2	48.4#
86	19.9	50.9	76.3#



#29
Tetrahydrofuran
Concen: 5.512 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.018 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

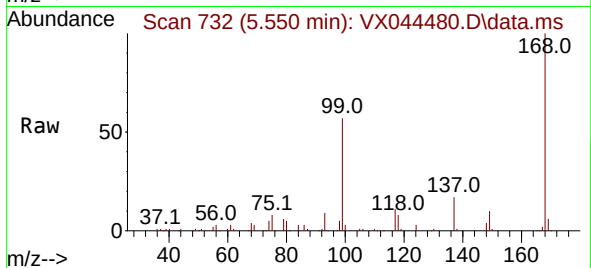
Tgt Ion:	42	Resp:	4907
Ion	Ratio	Lower	Upper
42	100		
72	15.3	37.0	55.6#
71	26.2	33.6	50.4#



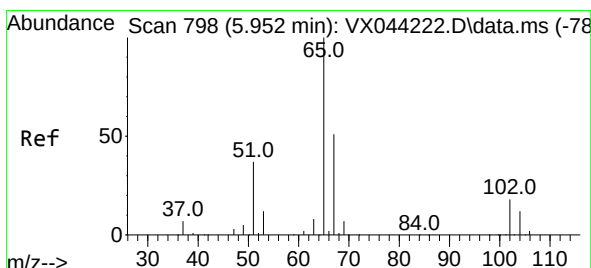
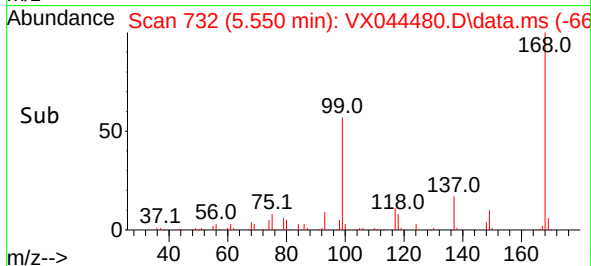
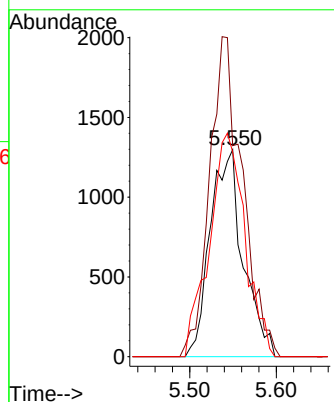


#31
Cyclohexane
Concen: 1.329 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241218

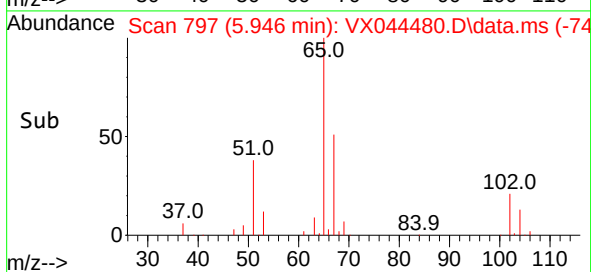
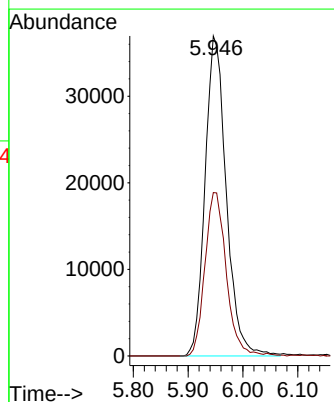
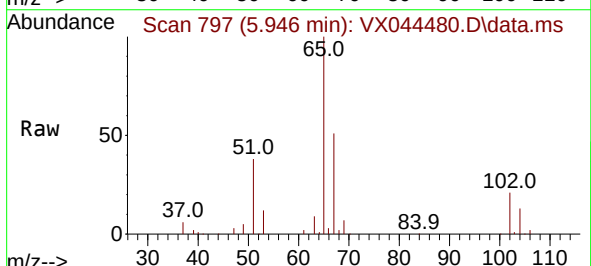


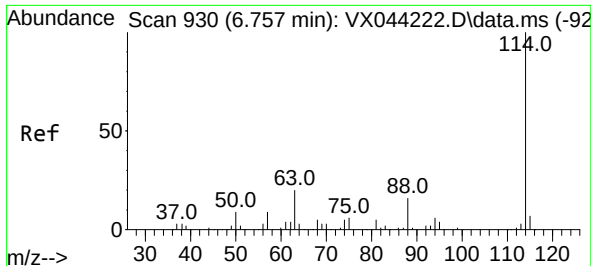
Tgt Ion: 56 Resp: 3433
Ion Ratio Lower Upper
56 100
69 101.9 24.7 37.1#
84 98.8 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 41.456 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

Tgt Ion: 65 Resp: 99200
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.6

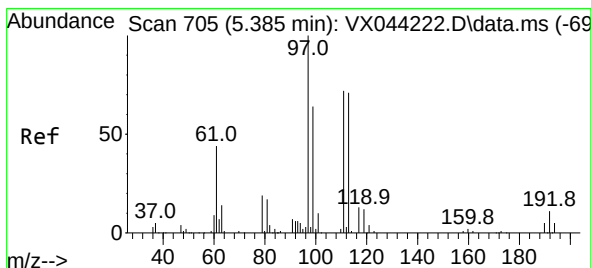
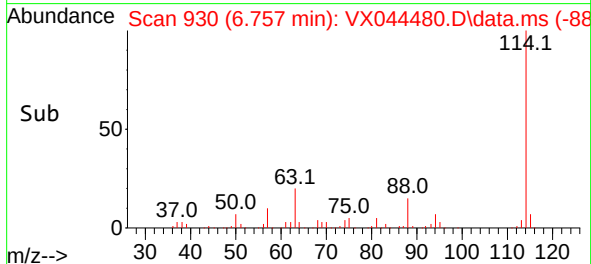
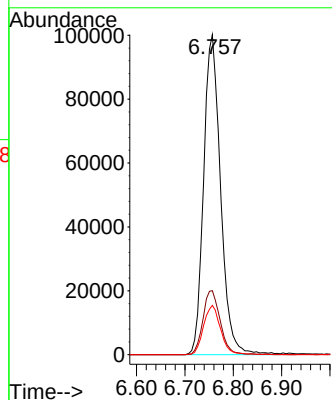
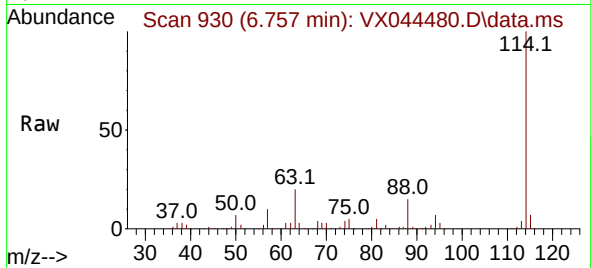




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

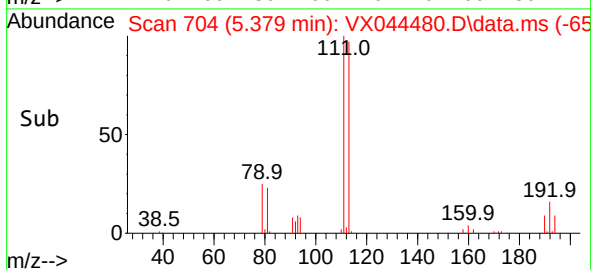
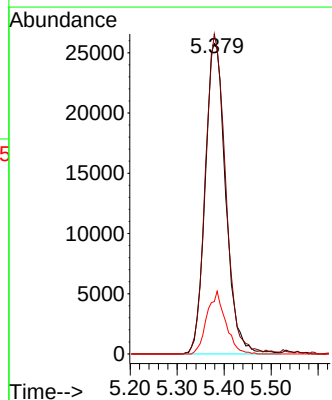
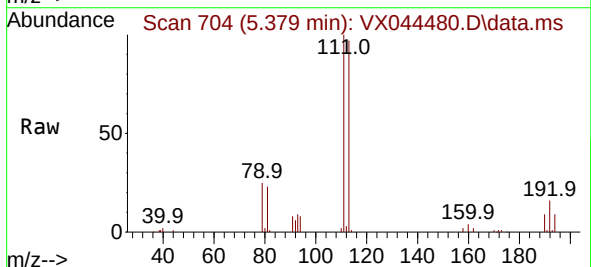
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241218

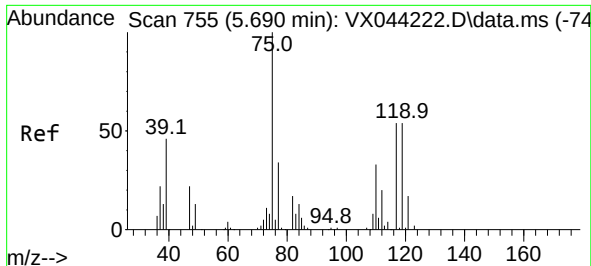
Tgt Ion:114 Resp: 243949
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.6
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.147 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

Tgt Ion:113 Resp: 77969
Ion Ratio Lower Upper
113 100
111 101.6 80.4 120.6
192 18.4 13.3 19.9

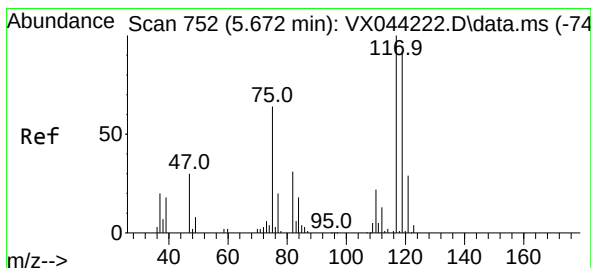
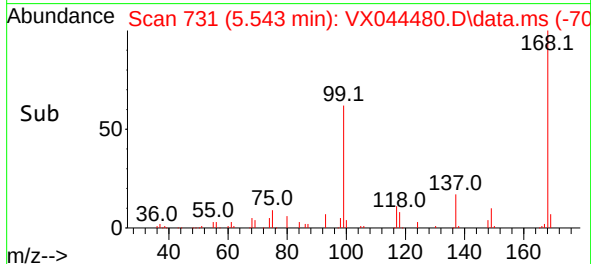
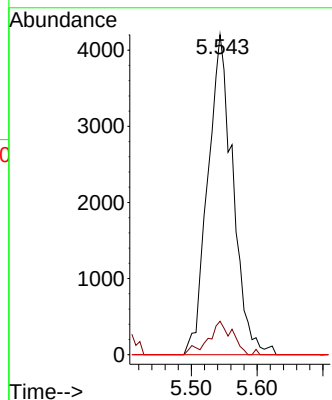
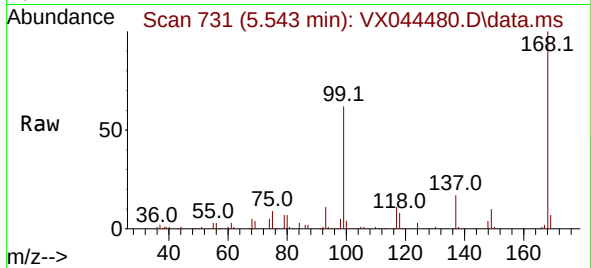




#36
1,1-Dichloropropene
Concen: 5.118 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.147 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

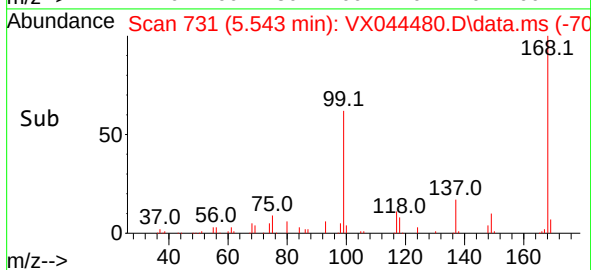
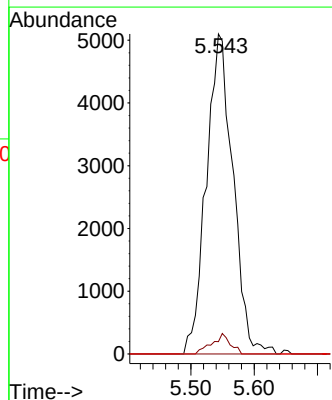
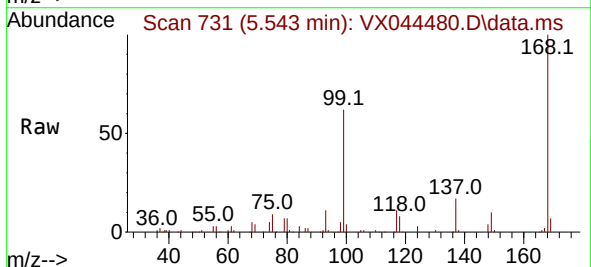
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241218

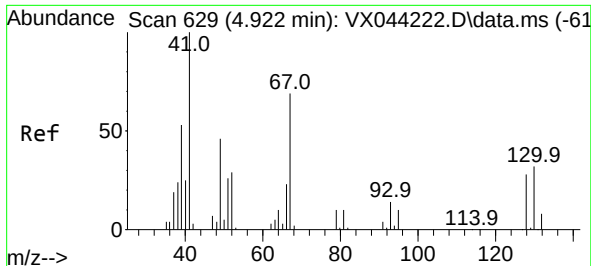
Tgt Ion: 75 Resp: 11178
Ion Ratio Lower Upper
75 100
110 9.9 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.345 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

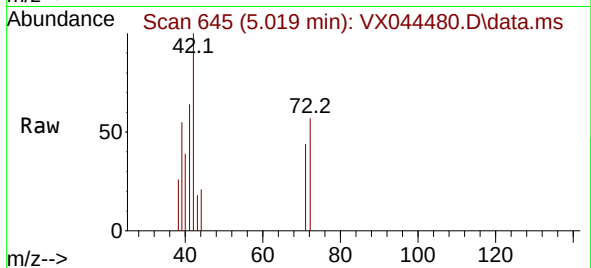
Tgt Ion: 117 Resp: 14919
Ion Ratio Lower Upper
117 100
119 3.9 74.2 111.4#
121 0.0 23.0 34.6#



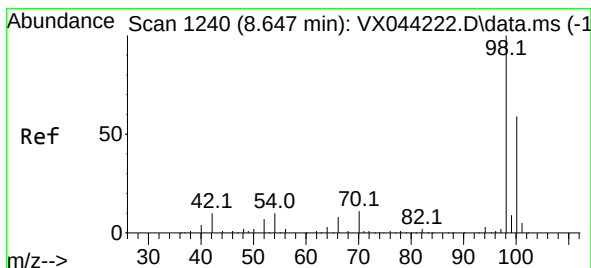
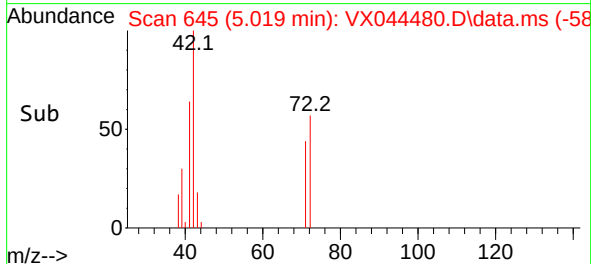
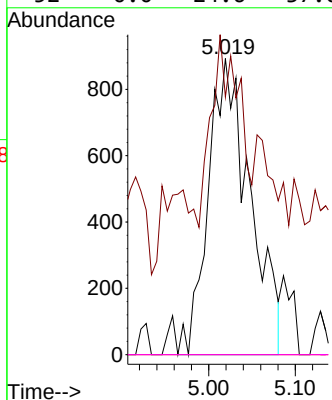


#41
Methacrylonitrile
Concen: 2.081 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.097 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241218

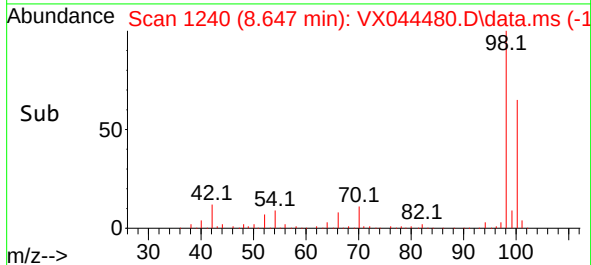
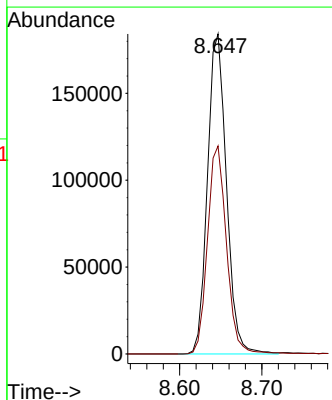
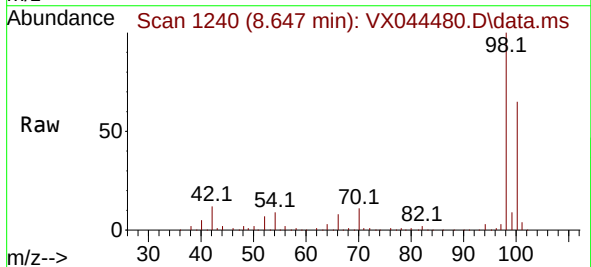


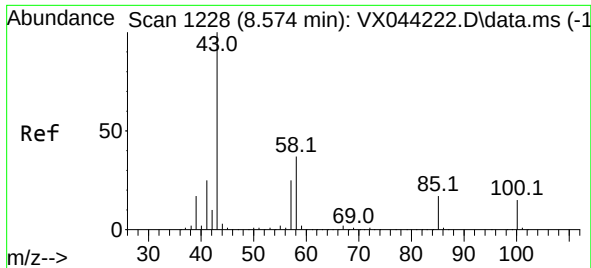
Tgt Ion:	41	Resp:	2983
Ion	Ratio	Lower	Upper
41	100		
39	46.8	44.2	66.4
67	0.0	57.2	85.8#
52	0.0	24.6	37.0#



#50
Toluene-d8
Concen: 51.732 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

Tgt Ion:	98	Resp:	294876
Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.5	77.3

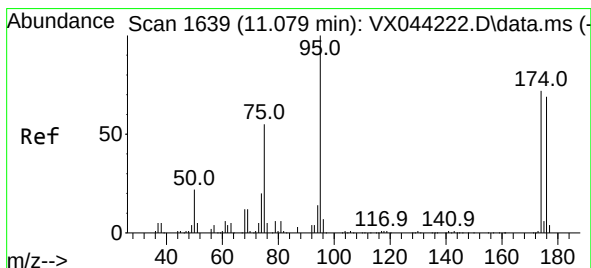
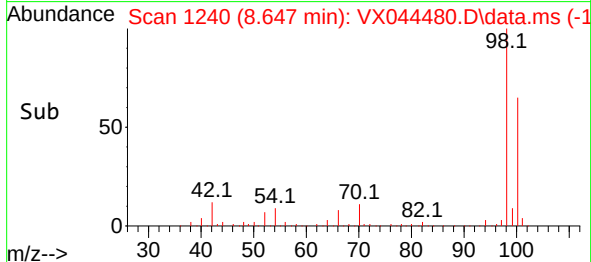
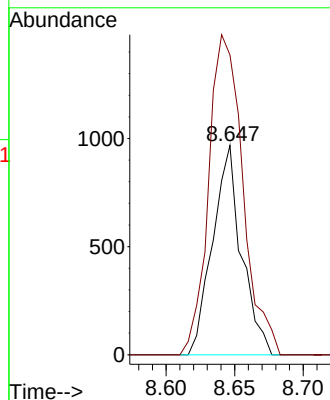
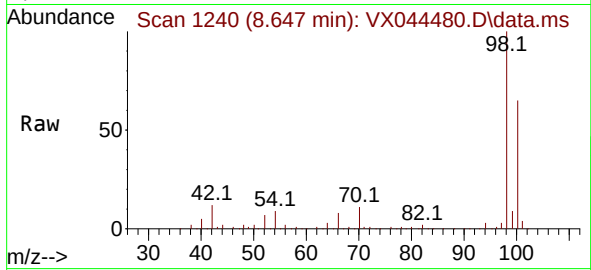




#51
4-Methyl-2-Pentanone
Concen: 0.523 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

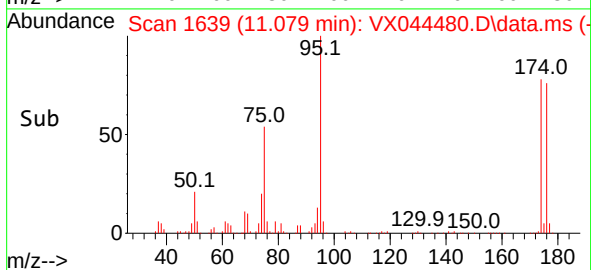
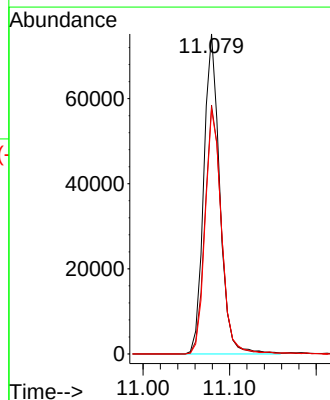
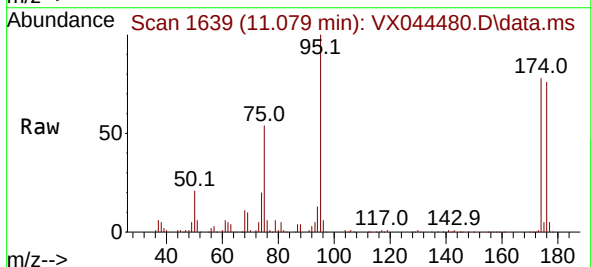
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241218

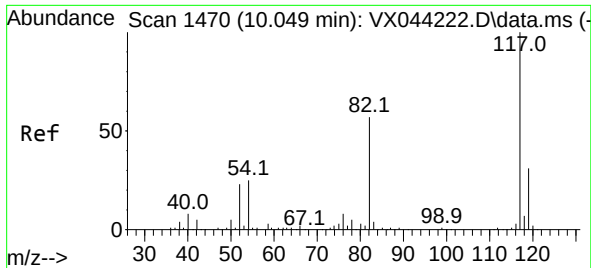
Tgt Ion: 43 Resp: 1418
Ion Ratio Lower Upper
43 100
58 181.5 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 48.422 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

Tgt Ion: 95 Resp: 96446
Ion Ratio Lower Upper
95 100
174 79.6 0.0 145.8
176 78.0 0.0 137.8

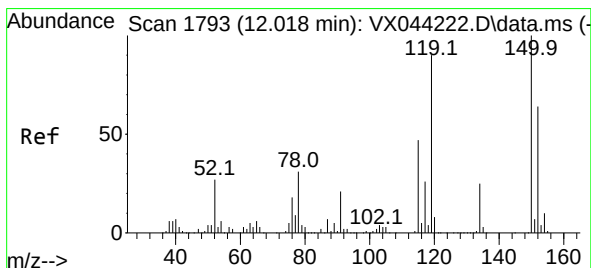
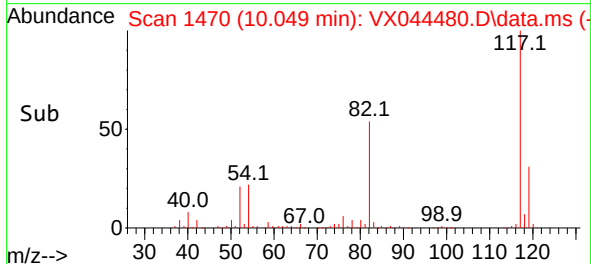
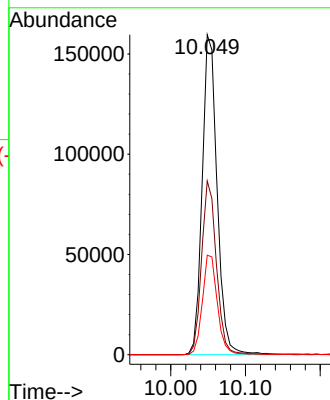
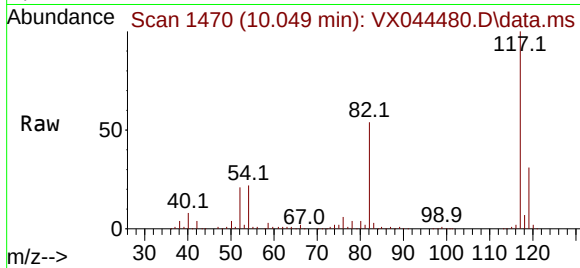




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

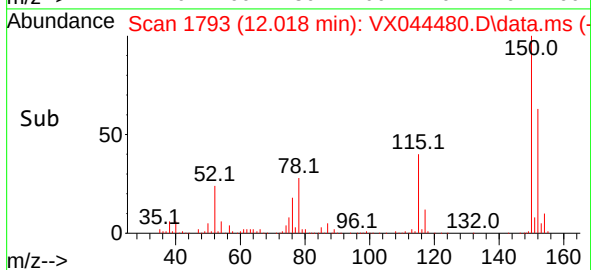
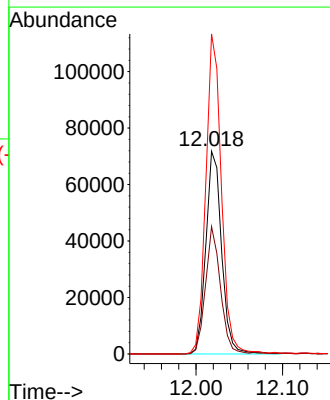
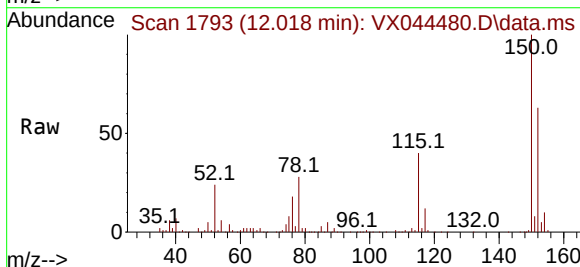
Instrument : MSVOA_X
ClientSampleId : BP-VPB-190A-EB-20241218

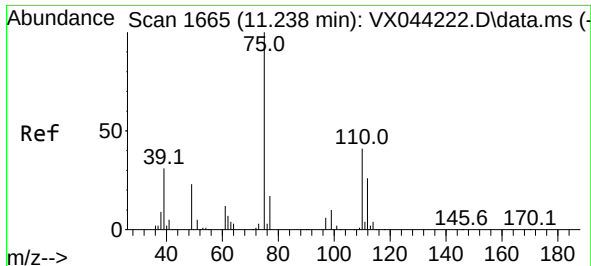
Tgt Ion:117 Resp: 221103
Ion Ratio Lower Upper
117 100
82 54.3 45.8 68.8
119 31.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

Tgt Ion:152 Resp: 90813
Ion Ratio Lower Upper
152 100
115 60.1 44.5 133.3
150 155.2 0.0 353.8

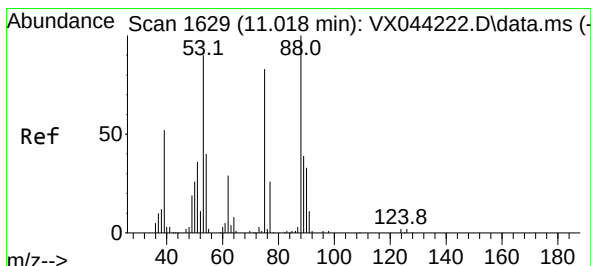
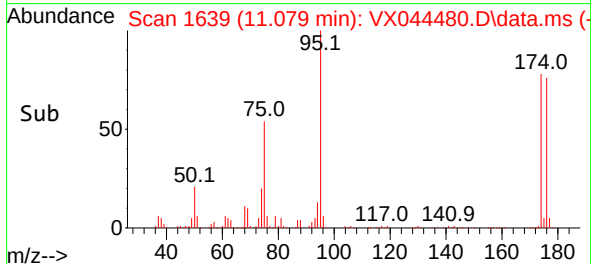
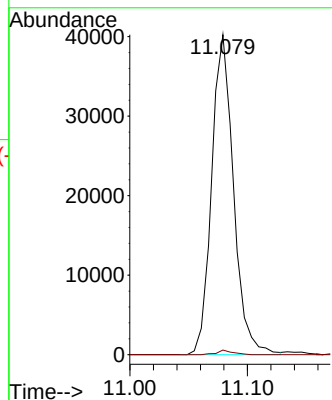
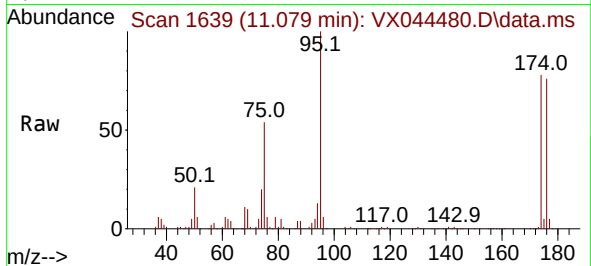




#76
1,2,3-Trichloropropane
Concen: 25.642 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241218

Tgt Ion: 75 Resp: 51993
Ion Ratio Lower Upper
75 100
77 1.0 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.858 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044480.D
Acq: 23 Dec 2024 15:15

Tgt Ion: 75 Resp: 51993
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

