

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074562.D
 Acq On : 17 Sep 2022 17:42
 Operator : JC\MD
 Sample : N4688-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-438-440

Quant Time: Sep 19 02:57:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

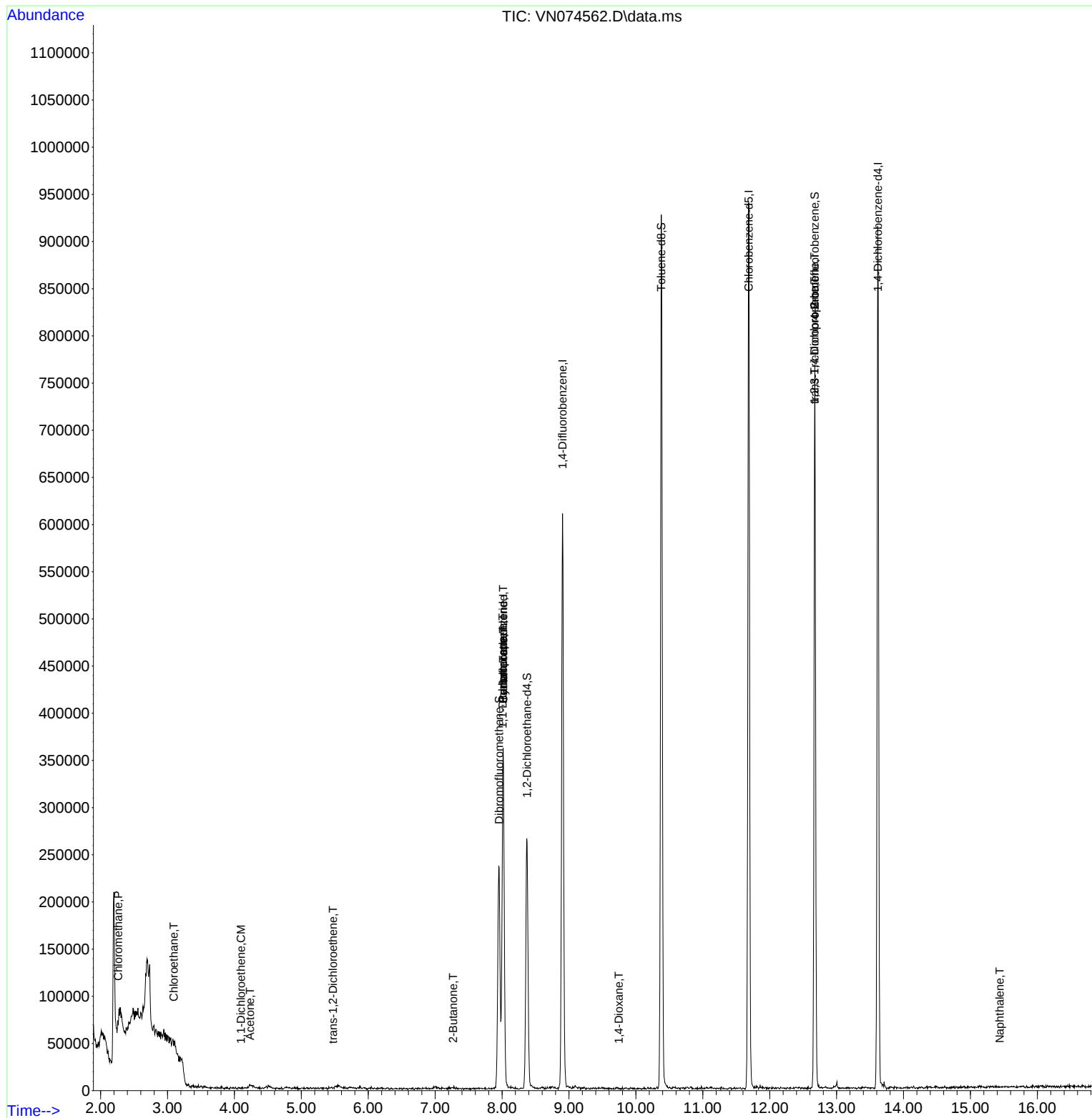
Internal Standards						
1) Pentafluorobenzene	8.016	168	251306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	495449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	486623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	211854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	204529	47.966	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.940%
35) Dibromofluoromethane	7.957	113	166601	50.620	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.240%
50) Toluene-d8	10.380	98	606422	47.644	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.280%
62) 4-Bromofluorobenzene	12.674	95	221386	50.784	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.560%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	1659	0.617	ug/l #	43
6) Chloroethane	3.093	64	44704	13.294	ug/l #	55
12) 1,1-Dichloroethene	4.098	96	125	0.722	ug/l #	1
16) Acetone	4.234	43	3143	1.152	ug/l #	72
21) trans-1,2-Dichloroethene	5.475	96	70	0.448	ug/l #	1
25) 2-Butanone	7.269	43	2017	0.445	ug/l #	79
31) Cyclohexane	8.016	56	8609	1.137	ug/l #	27
36) 1,1-Dichloropropene	8.010	75	25267	4.337	ug/l #	49
38) Carbon Tetrachloride	8.016	117	27335	5.082	ug/l #	14
49) 1,4-Dioxane	9.745	88	64	0.533	ug/l #	1
76) 1,2,3-Trichloropropane	12.668	75	135560	20.788	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	135560	44.867	ug/l #	11
95) Naphthalene	15.439	128	550	1.618	ug/l #	69

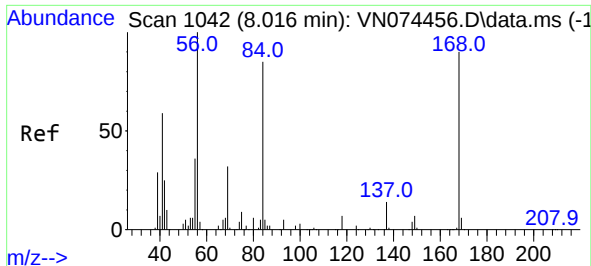
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
Data File : VN074562.D
Acq On : 17 Sep 2022 17:42
Operator : JC\MD
Sample : N4688-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440

Quant Time: Sep 19 02:57:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration

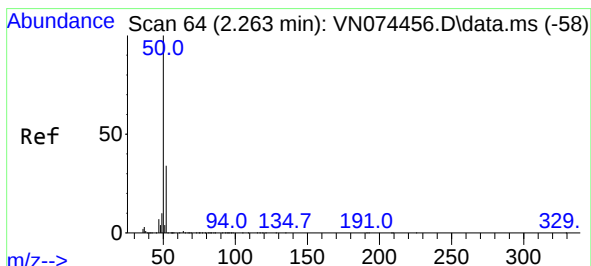
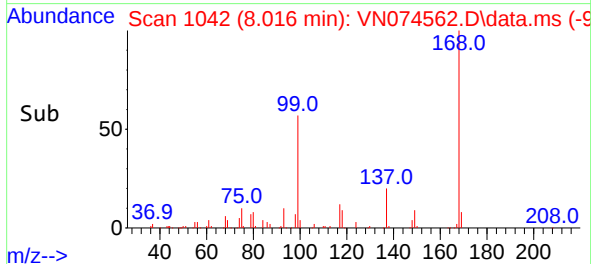
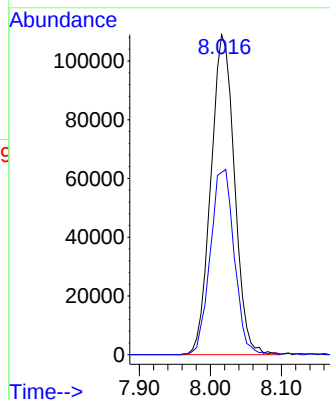
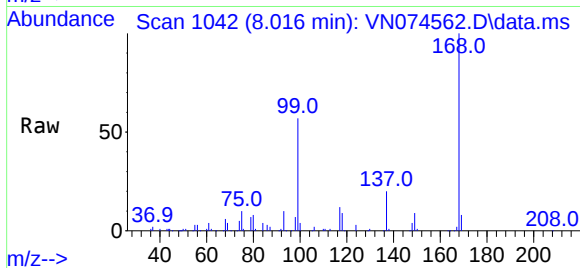




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074562.D
Acq: 17 Sep 2022 17:42

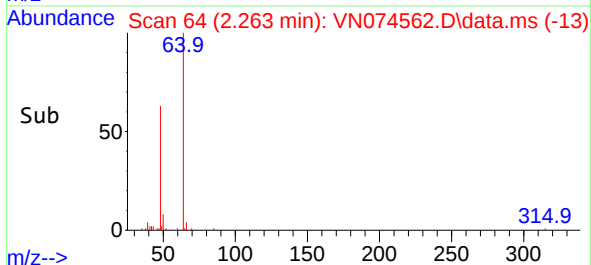
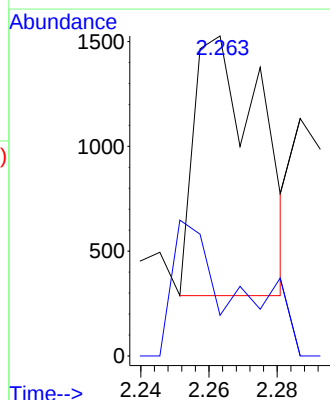
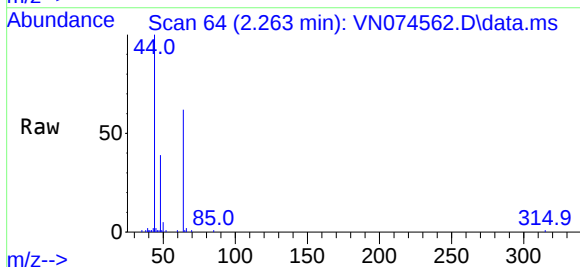
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440

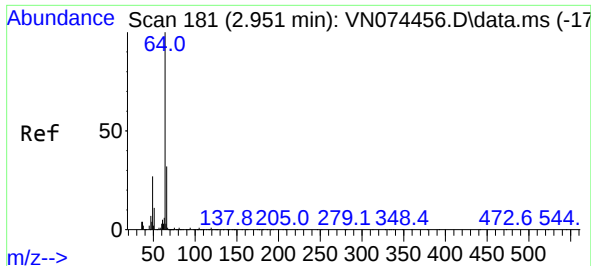
Tgt Ion:168 Resp: 251306
Ion Ratio Lower Upper
168 100
99 57.0 42.3 63.5



#3
Chloromethane
Concen: 0.617 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074562.D
Acq: 17 Sep 2022 17:42

Tgt Ion: 50 Resp: 1659
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

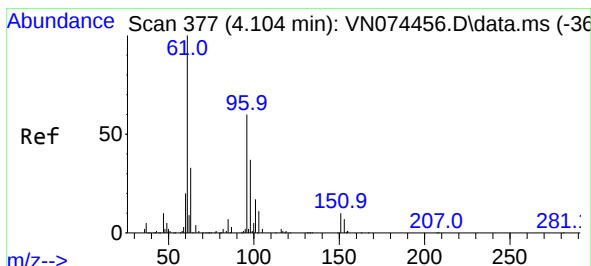
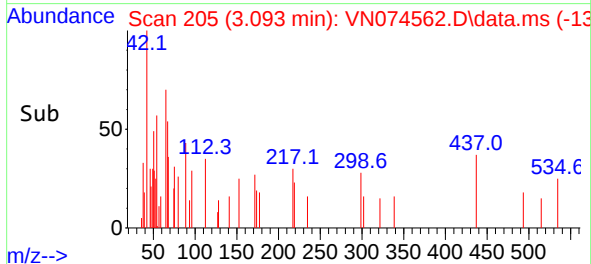
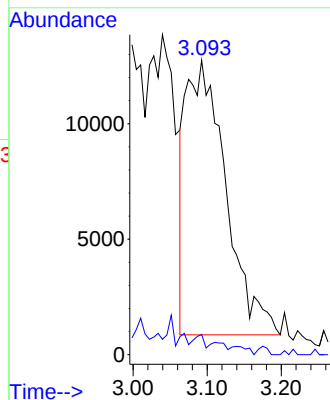
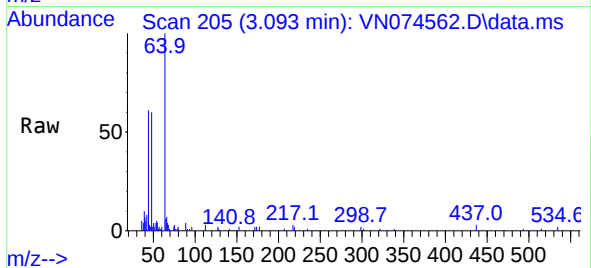




#6
Chloroethane
Concen: 13.294 ug/l
RT: 3.093 min Scan# 20
Delta R.T. 0.142 min
Lab File: VN074562.D
Acq: 17 Sep 2022 17:42

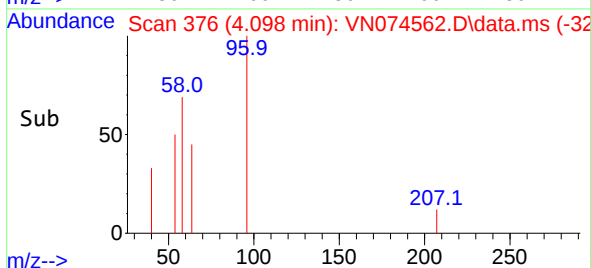
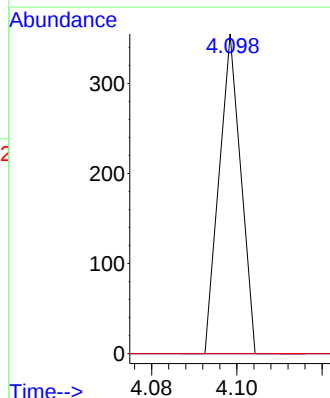
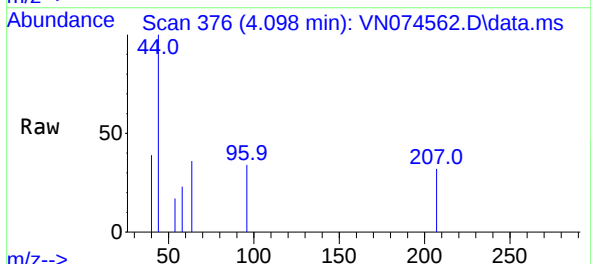
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440

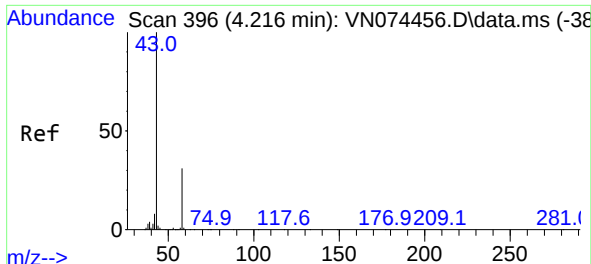
Tgt Ion: 64 Resp: 44704
Ion Ratio Lower Upper
64 100
66 7.3 26.2 39.4#



#12
1,1-Dichloroethene
Concen: 0.722 ug/l
RT: 4.098 min Scan# 376
Delta R.T. -0.006 min
Lab File: VN074562.D
Acq: 17 Sep 2022 17:42

Tgt Ion: 96 Resp: 125
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#

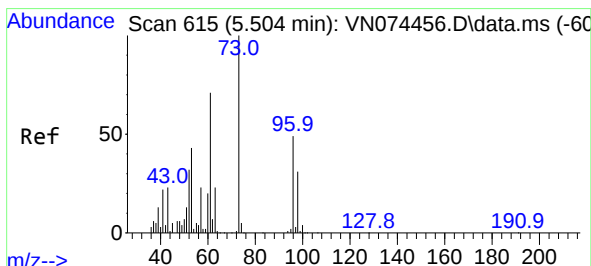
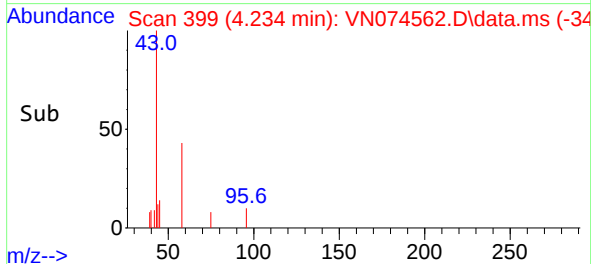
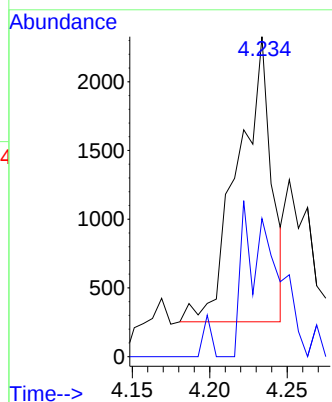
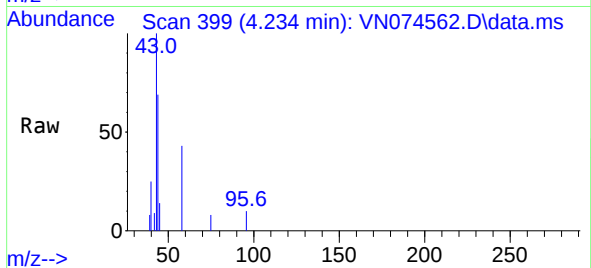




#16
Acetone
Concen: 1.152 ug/l
RT: 4.234 min Scan# 396
Delta R.T. 0.018 min
Lab File: VN074562.D
Acq: 17 Sep 2022 17:42

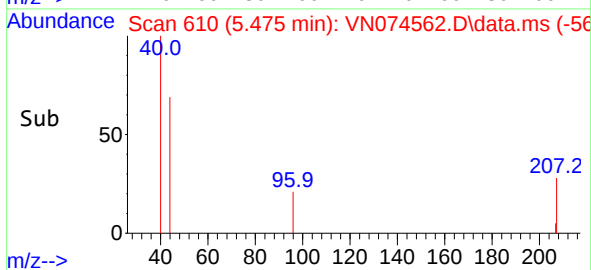
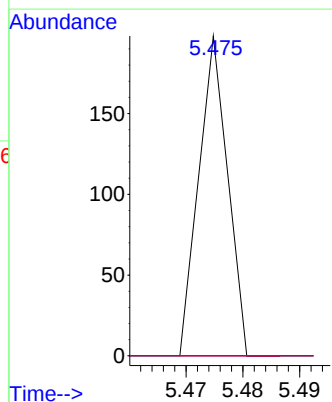
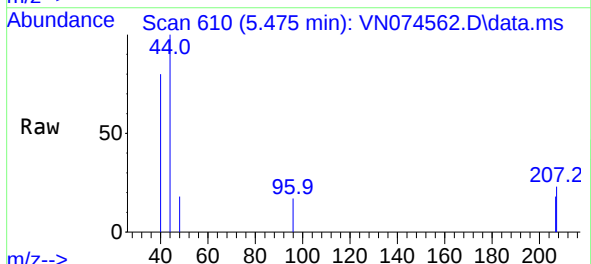
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440

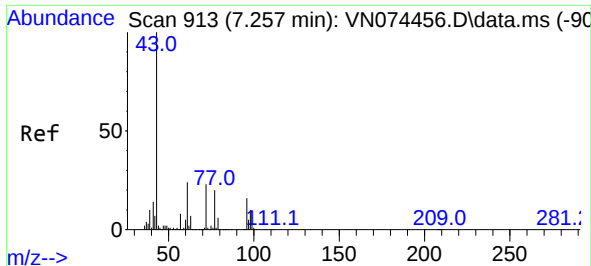
Tgt Ion: 43 Resp: 3143
Ion Ratio Lower Upper
43 100
58 48.4 26.0 39.0#



#21
trans-1,2-Dichloroethene
Concen: 0.448 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.029 min
Lab File: VN074562.D
Acq: 17 Sep 2022 17:42

Tgt Ion: 96 Resp: 70
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#





#25

2-Butanone

Concen: 0.445 ug/l

RT: 7.269 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN074562.D

Acq: 17 Sep 2022 17:42

Instrument :

MSVOA_N

ClientSampleId :

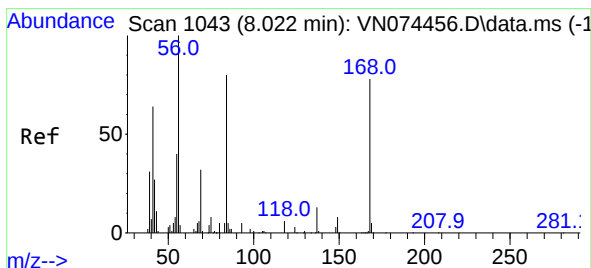
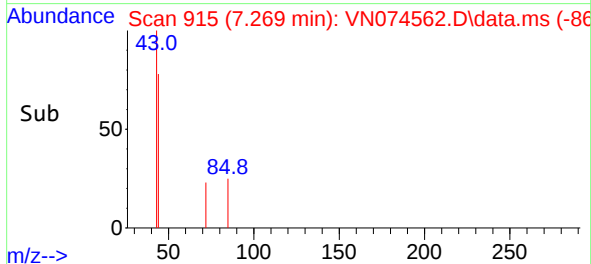
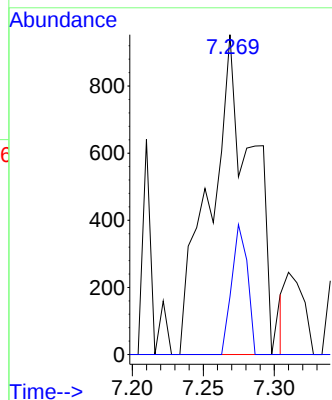
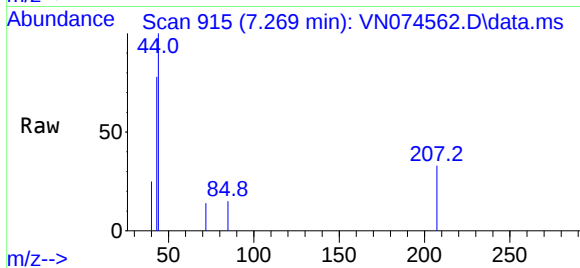
BP-VPB-RW5-GW-438-440

Tgt Ion: 43 Resp: 2017

Ion Ratio Lower Upper

43 100

72 18.0 23.7 35.5#



#31

Cyclohexane

Concen: 1.137 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN074562.D

Acq: 17 Sep 2022 17:42

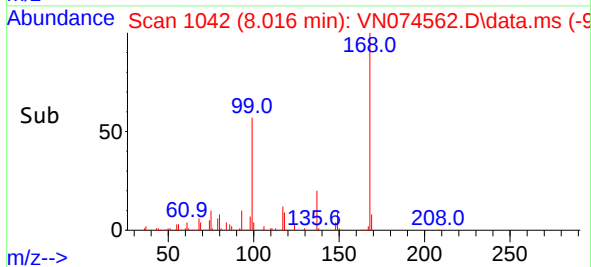
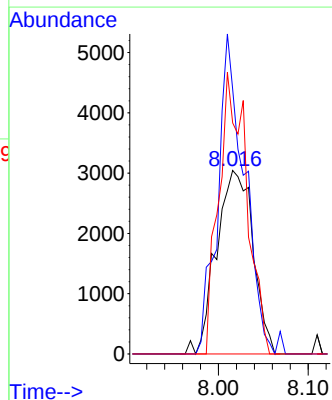
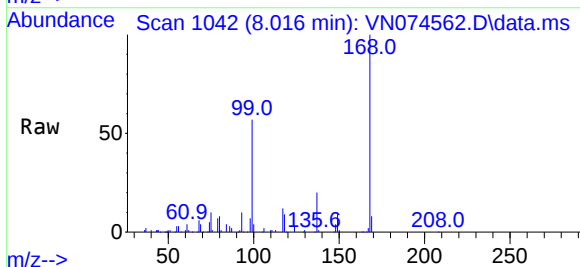
Tgt Ion: 56 Resp: 8609

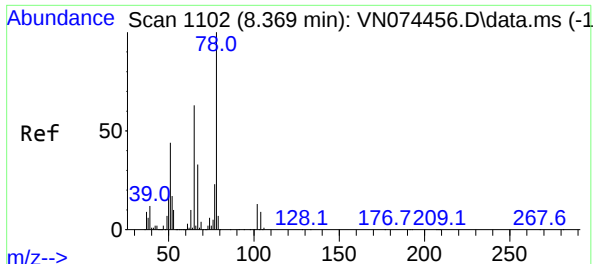
Ion Ratio Lower Upper

56 100

69 144.3 27.8 41.8#

84 125.9 76.9 115.3#

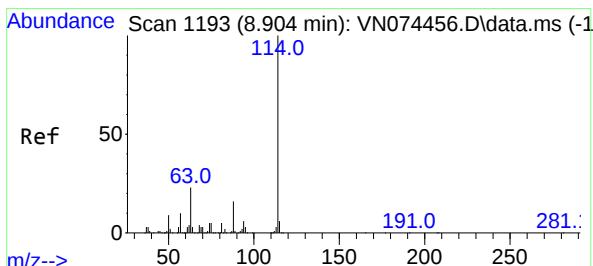
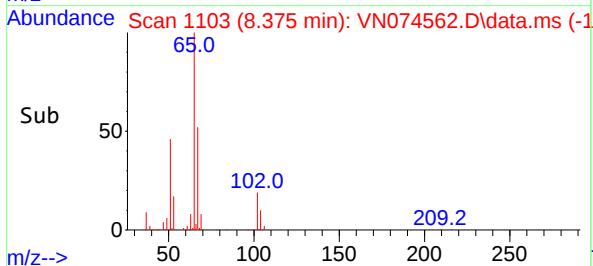
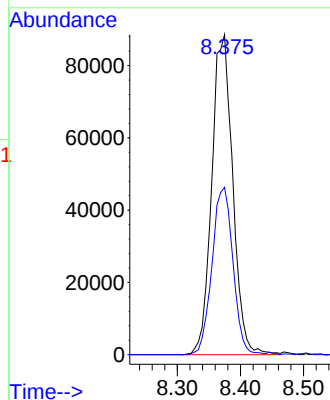
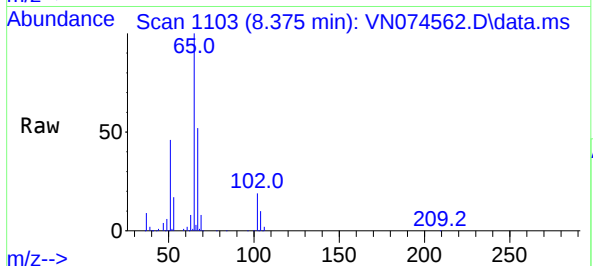




#33
1,2-Dichloroethane-d4
Concen: 47.966 ug/l
RT: 8.375 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VN074562.D
Acq: 17 Sep 2022 17:42

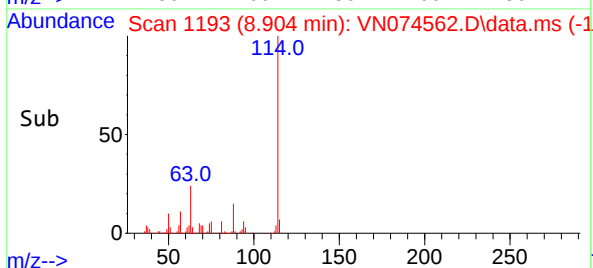
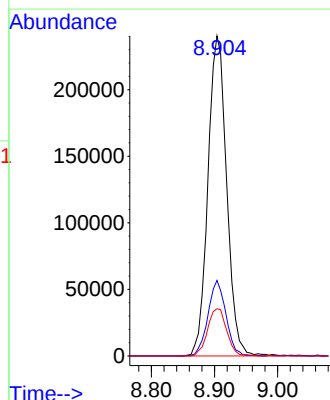
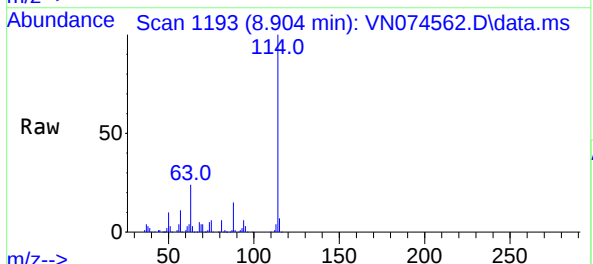
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440

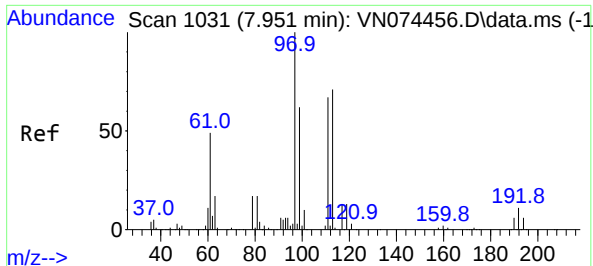
Tgt Ion: 65 Resp: 204529
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN074562.D
Acq: 17 Sep 2022 17:42

Tgt Ion: 114 Resp: 495449
Ion Ratio Lower Upper
114 100
63 23.6 0.0 40.0
88 14.8 0.0 32.6

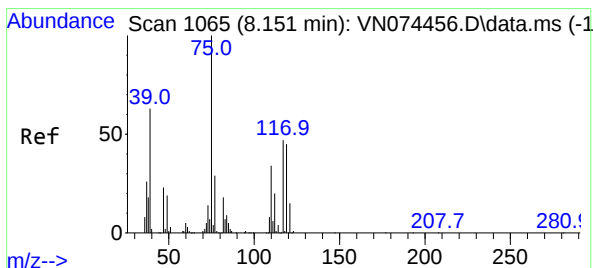
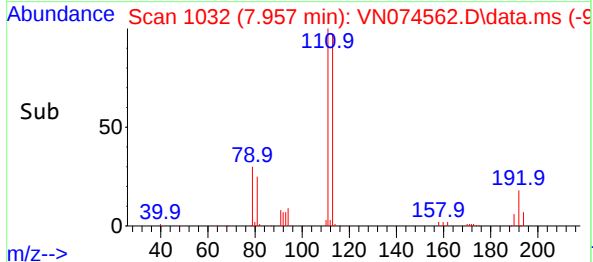
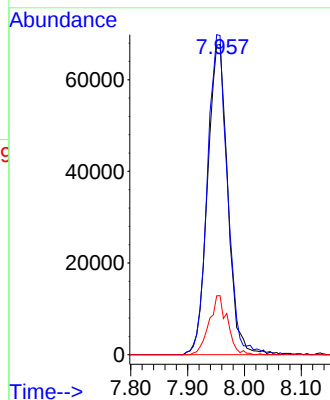
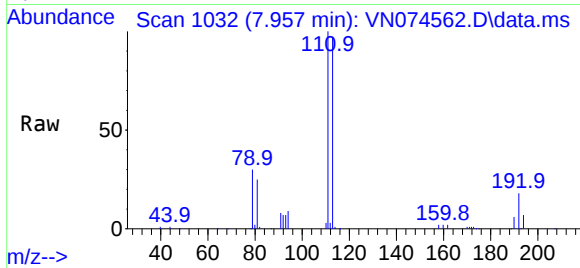




#35
Dibromofluoromethane
Concen: 50.620 ug/l
RT: 7.957 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VN074562.D
Acq: 17 Sep 2022 17:42

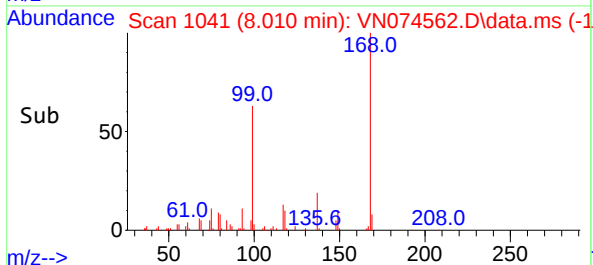
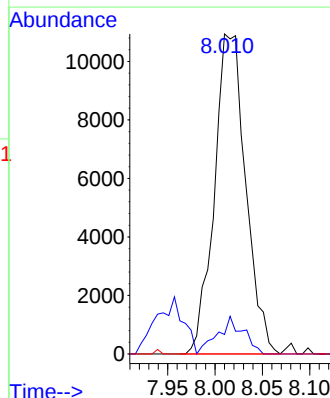
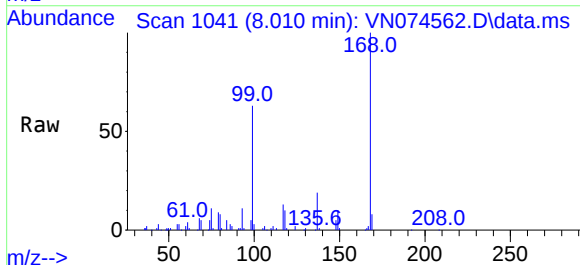
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440

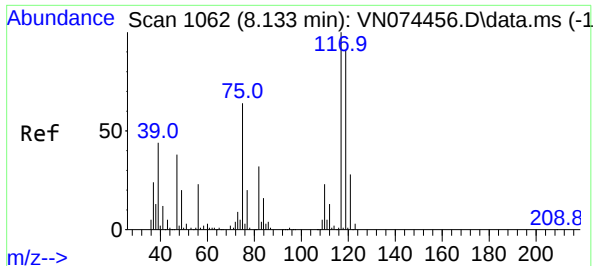
Tgt Ion:113 Resp: 166601
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 17.3 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.337 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.141 min
Lab File: VN074562.D
Acq: 17 Sep 2022 17:42

Tgt Ion: 75 Resp: 25267
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 25.1 37.7#

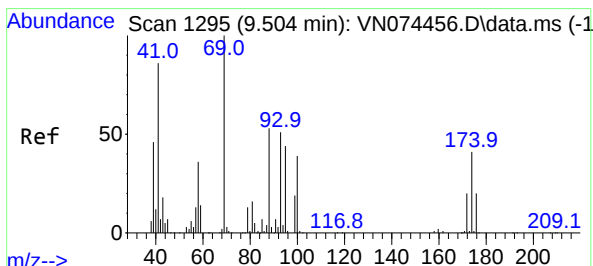
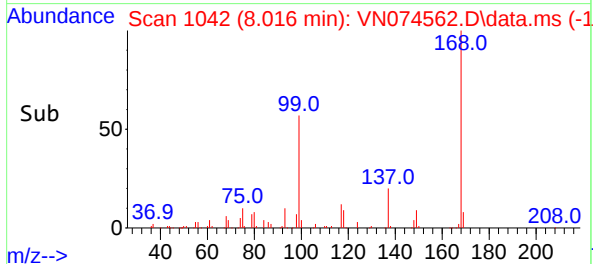
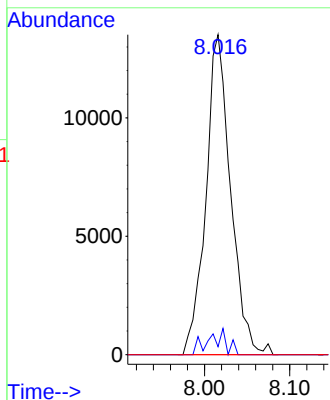
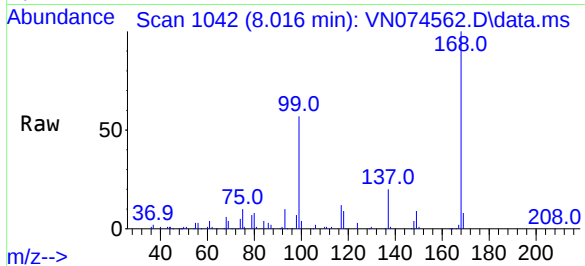




#38
Carbon Tetrachloride
Concen: 5.082 ug/l
RT: 8.016 min Scan# 117
Delta R.T. -0.117 min
Lab File: VN074562.D
Acq: 17 Sep 2022 17:42

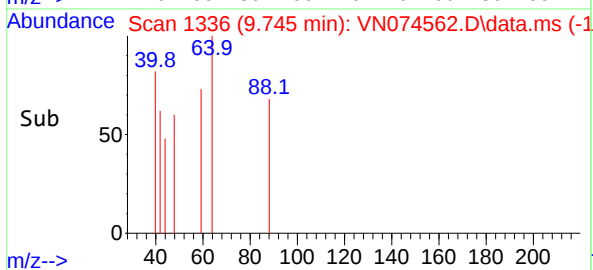
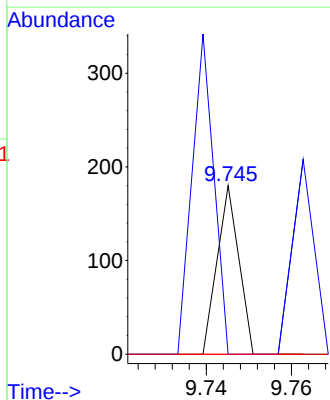
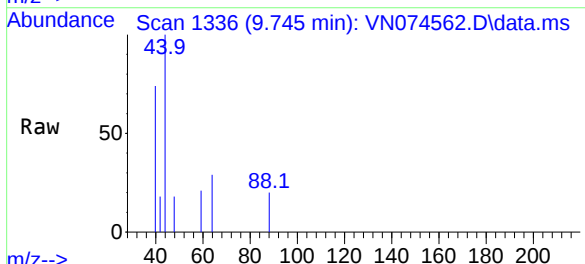
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW5-GW-438-440

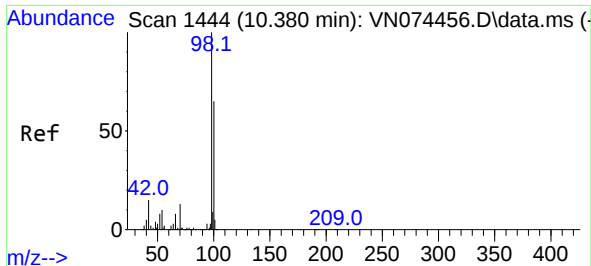
Tgt Ion:117 Resp: 27335
Ion Ratio Lower Upper
117 100
119 2.5 75.8 113.8#
121 0.0 24.6 37.0#



#49
1,4-Dioxane
Concen: 0.533 ug/l
RT: 9.745 min Scan# 1336
Delta R.T. 0.241 min
Lab File: VN074562.D
Acq: 17 Sep 2022 17:42

Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
43 189.1 20.2 30.4#
58 0.0 54.2 81.4#

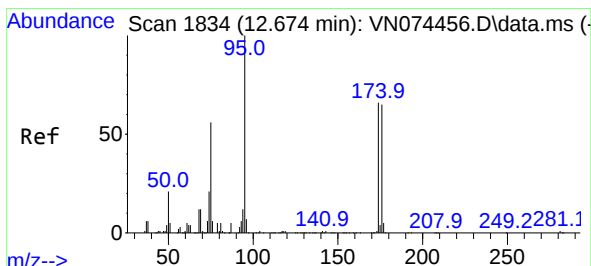
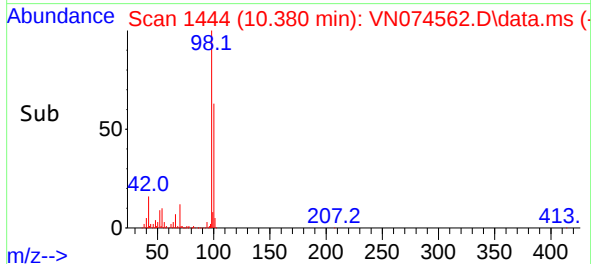
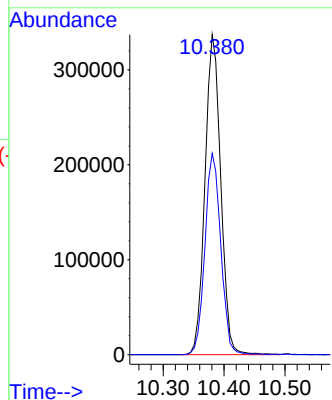
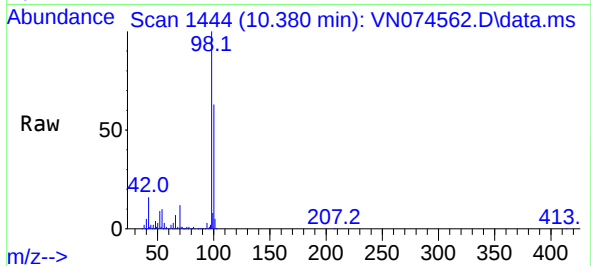




#50
Toluene-d8
Concen: 47.644 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074562.D
Acq: 17 Sep 2022 17:42

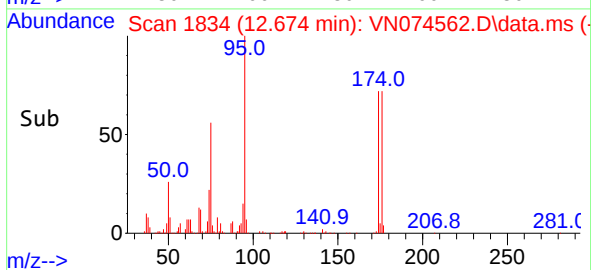
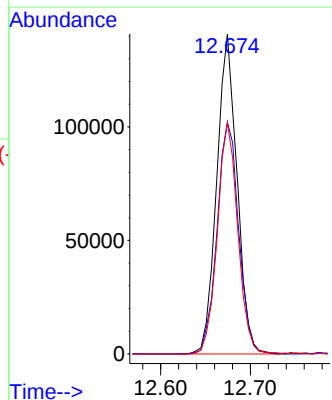
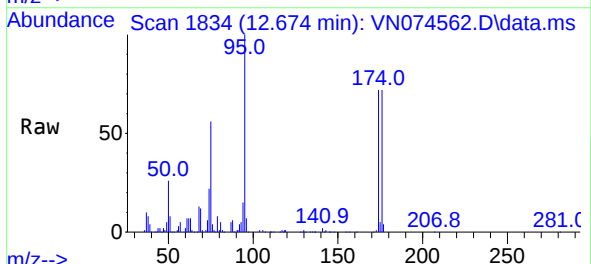
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440

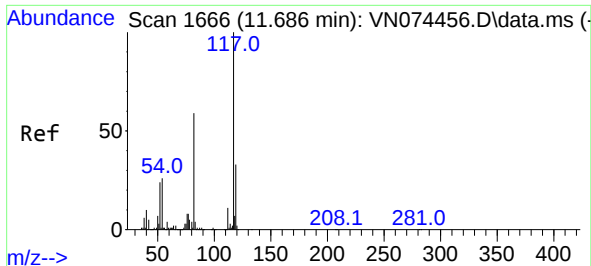
Tgt Ion: 98 Resp: 606422
Ion Ratio Lower Upper
98 100
100 63.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.784 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074562.D
Acq: 17 Sep 2022 17:42

Tgt Ion: 95 Resp: 221386
Ion Ratio Lower Upper
95 100
174 77.1 0.0 167.6
176 72.7 0.0 163.4

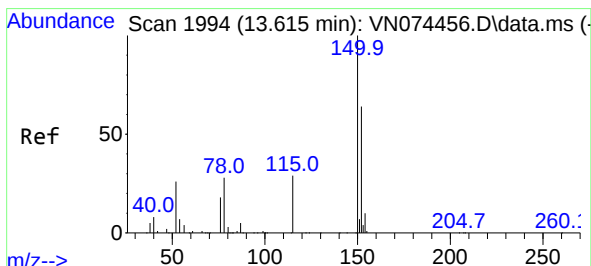
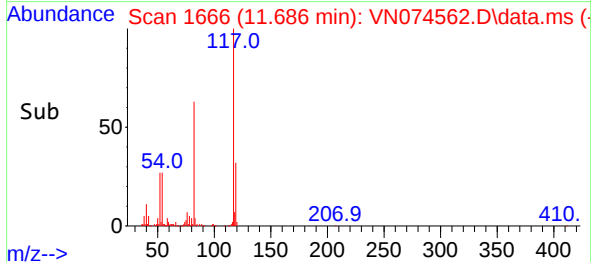
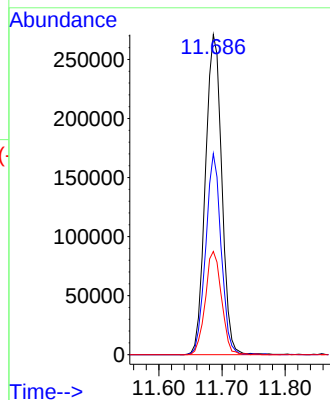
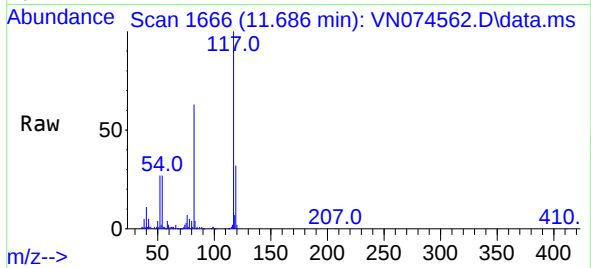




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074562.D
Acq: 17 Sep 2022 17:42

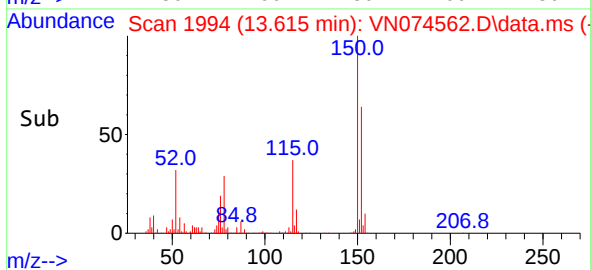
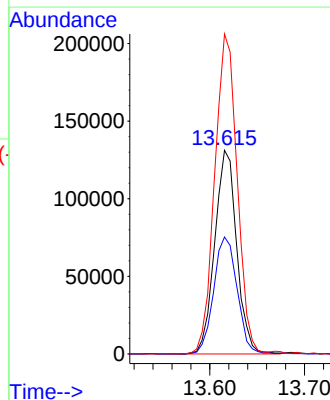
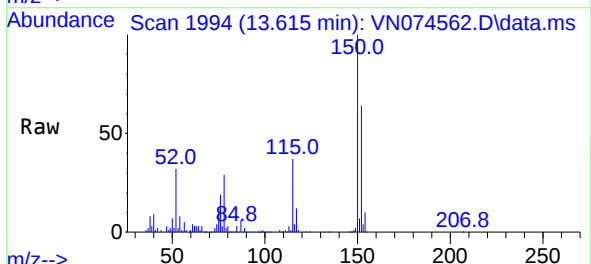
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440

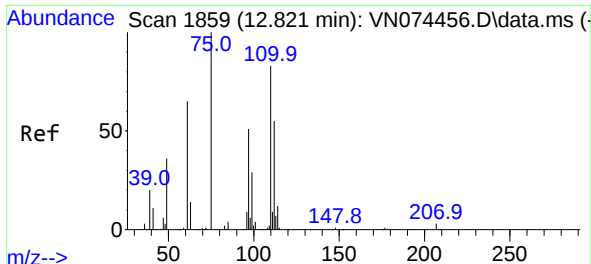
Tgt Ion:117 Resp: 486623
Ion Ratio Lower Upper
117 100
82 62.8 44.2 66.2
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074562.D
Acq: 17 Sep 2022 17:42

Tgt Ion:152 Resp: 211854
Ion Ratio Lower Upper
152 100
115 61.1 28.9 86.7
150 160.3 0.0 356.2

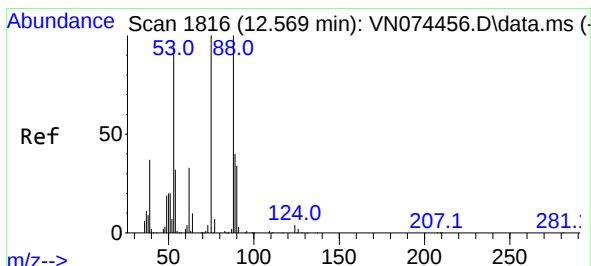
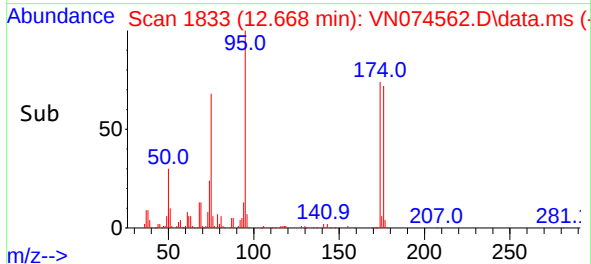
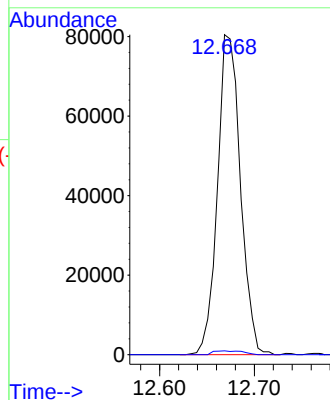
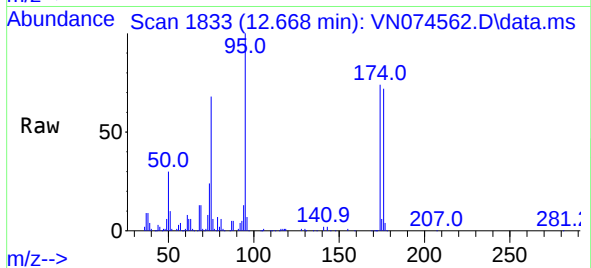




#76
1,2,3-Trichloropropane
Concen: 20.788 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.153 min
Lab File: VN074562.D
Acq: 17 Sep 2022 17:42

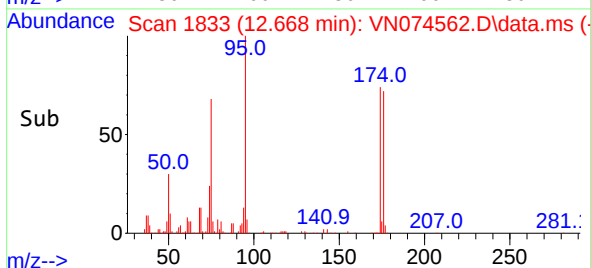
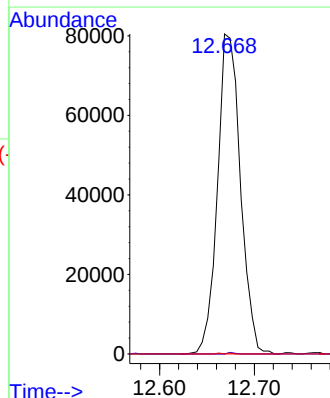
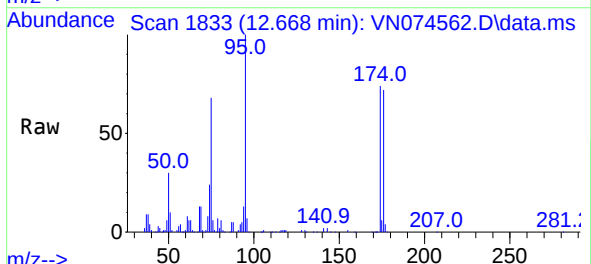
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440

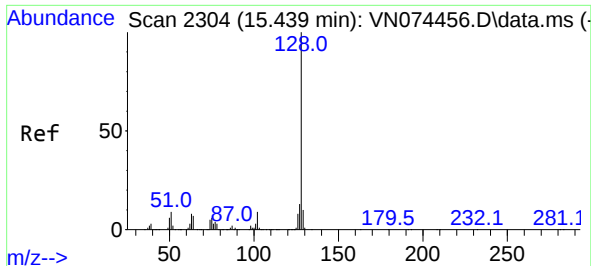
Tgt Ion: 75 Resp: 135560
Ion Ratio Lower Upper
75 100
77 1.6 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 44.867 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.099 min
Lab File: VN074562.D
Acq: 17 Sep 2022 17:42

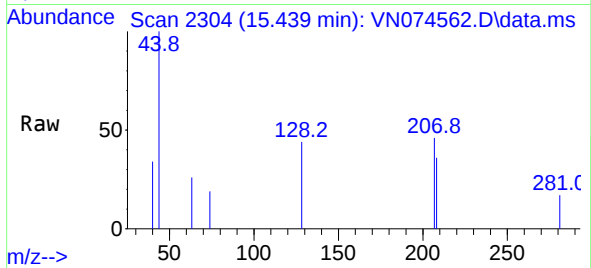
Tgt Ion: 75 Resp: 135560
Ion Ratio Lower Upper
75 100
53 0.2 78.0 117.0#
89 0.1 37.2 55.8#





#95
 Naphthalene
 Concen: 1.618 ug/l
 RT: 15.439 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN074562.D
 Acq: 17 Sep 2022 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-438-440



Tgt Ion:	128	Resp:	550
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

