

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074511.D
 Acq On : 16 Sep 2022 15:33
 Operator : JC\MD
 Sample : N4626-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-DUP-20220909RE

Quant Time: Sep 16 16:37:01 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)

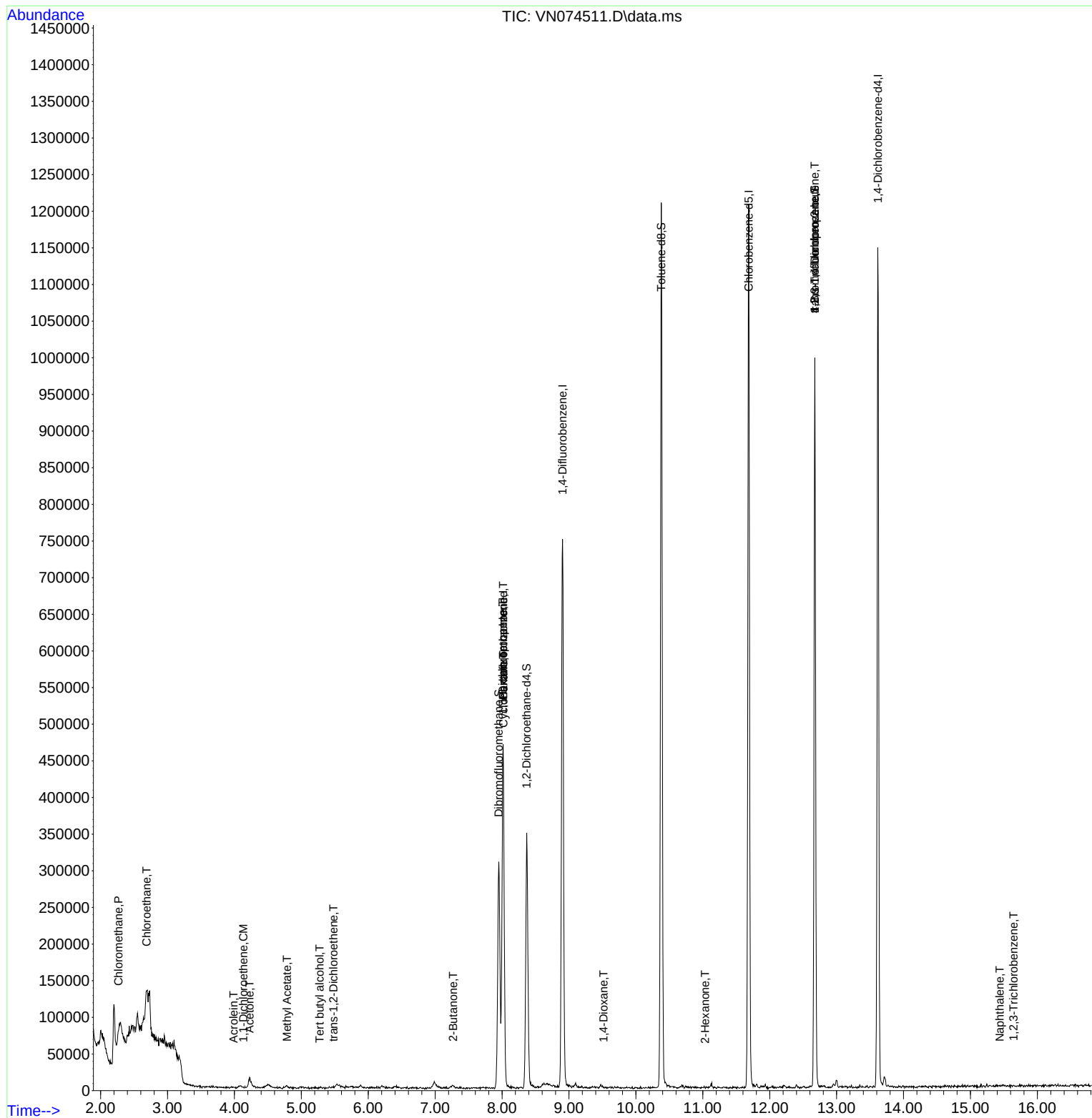
Internal Standards						
1) Pentafluorobenzene	8.016	168	327963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	641826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	604925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	267084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	256889	46.164	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.320%
35) Dibromofluoromethane	7.951	113	219484	51.479	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.960%
50) Toluene-d8	10.380	98	785679	47.650	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.300%
62) 4-Bromofluorobenzene	12.674	95	300280	53.172	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.340%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	2853	0.731	ug/l	95
6) Chloroethane	2.687	64	15377	3.504	ug/l #	42
11) Tert butyl alcohol	5.275	59	1626	0.897	ug/l	96
12) 1,1-Dichloroethene	4.134	96	130	0.714	ug/l #	1
13) Acrolein	3.986	56	411	0.621	ug/l #	37
16) Acetone	4.228	43	21118	5.931	ug/l	90
18) Methyl Acetate	4.786	43	5388	0.487	ug/l #	61
21) trans-1,2-Dichloroethene	5.481	96	230	0.477	ug/l #	1
25) 2-Butanone	7.269	43	6582	1.113	ug/l #	85
31) Cyclohexane	8.022	56	11405	1.155	ug/l #	61
36) 1,1-Dichloropropene	8.010	75	31935	4.232	ug/l #	48
38) Carbon Tetrachloride	8.016	117	34960	5.017	ug/l #	16
49) 1,4-Dioxane	9.516	88	582	3.740	ug/l #	47
59) 2-Hexanone	11.033	43	1991	0.219	ug/l #	31
76) 1,2,3-Trichloropropane	12.674	75	175322	21.326	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	175322	46.028	ug/l #	11
95) Naphthalene	15.439	128	764	1.621	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.645	180	53	1.346	ug/l #	12

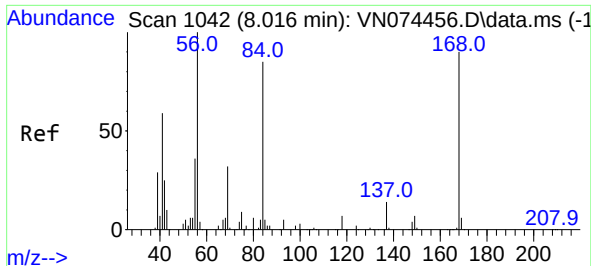
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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BP-VPB-RW5-DUP-20220909RE

Quant Time: Sep 16 16:37:01 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

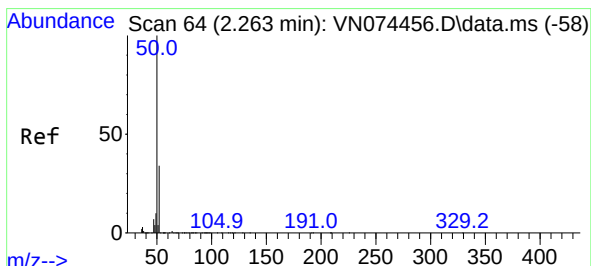
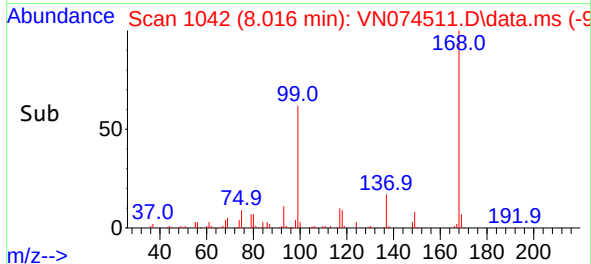
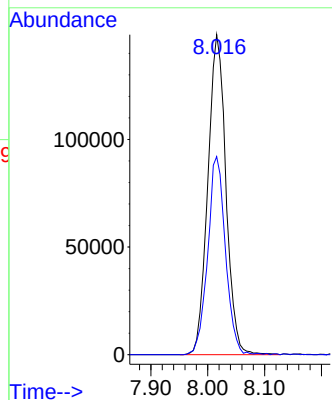
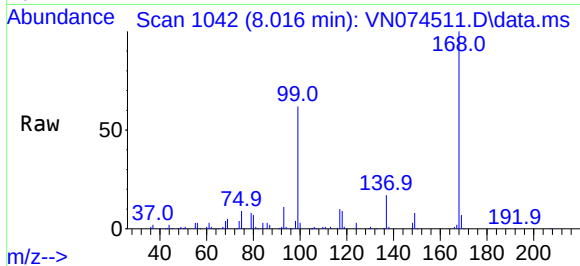




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

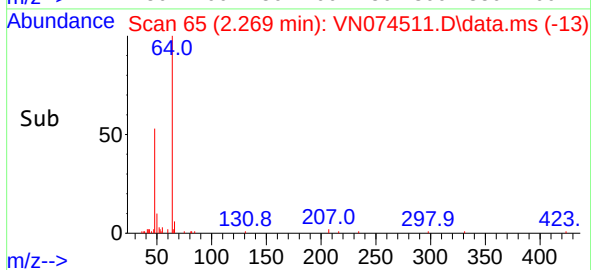
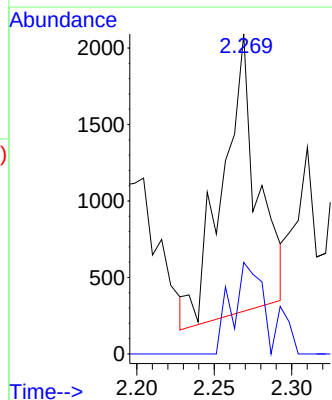
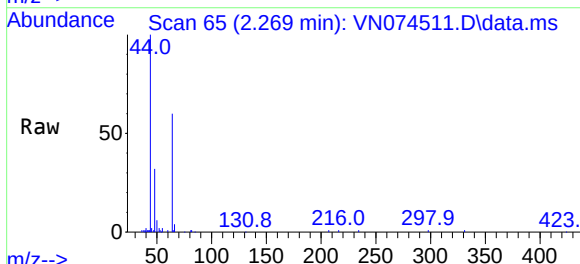
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220909RE

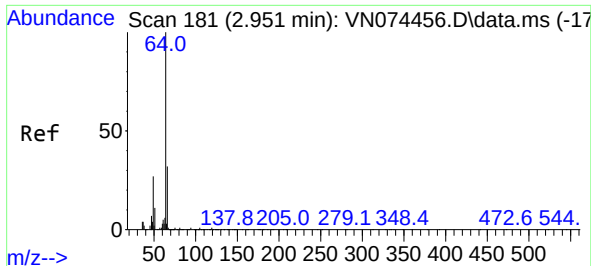
Tgt Ion:168 Resp: 327963
Ion Ratio Lower Upper
168 100
99 61.9 42.3 63.5



#3
Chloromethane
Concen: 0.731 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

Tgt Ion: 50 Resp: 2853
Ion Ratio Lower Upper
50 100
52 34.8 25.7 38.5

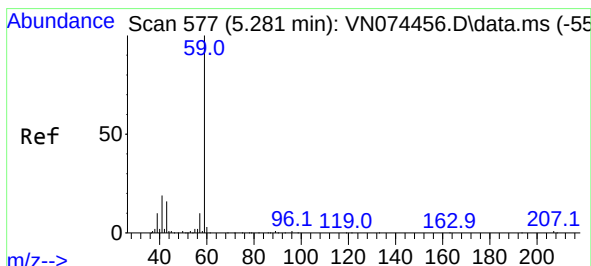
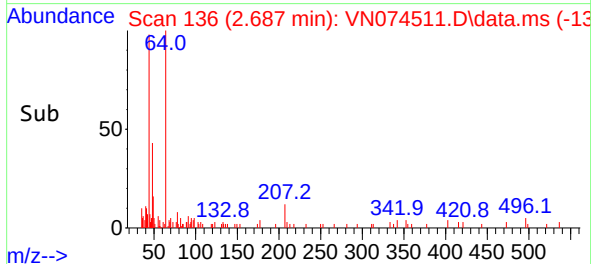
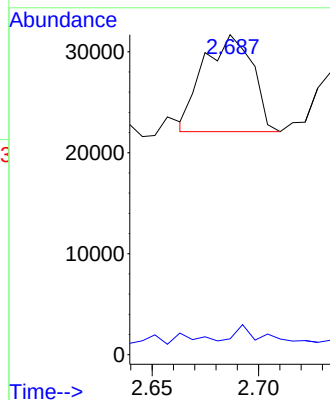
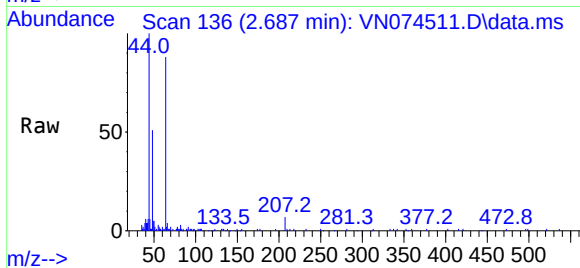




#6
Chloroethane
Concen: 3.504 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.264 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

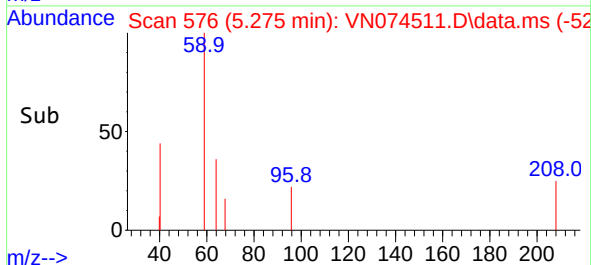
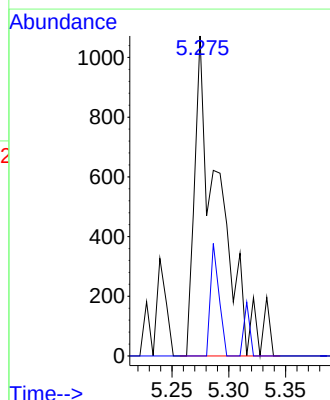
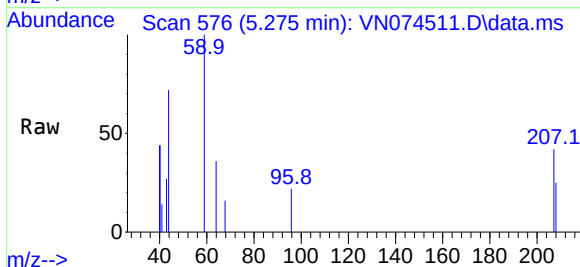
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220909RE

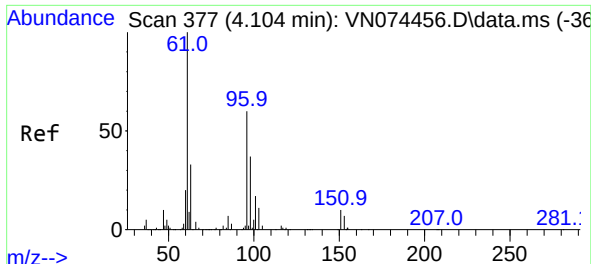
Tgt Ion: 64 Resp: 15377
Ion Ratio Lower Upper
64 100
66 0.2 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.897 ug/l
RT: 5.275 min Scan# 576
Delta R.T. -0.006 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

Tgt Ion: 59 Resp: 1626
Ion Ratio Lower Upper
59 100
57 12.0 8.3 12.5

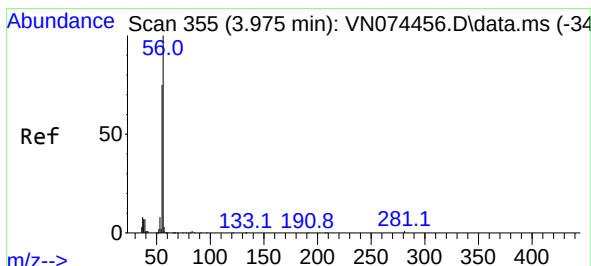
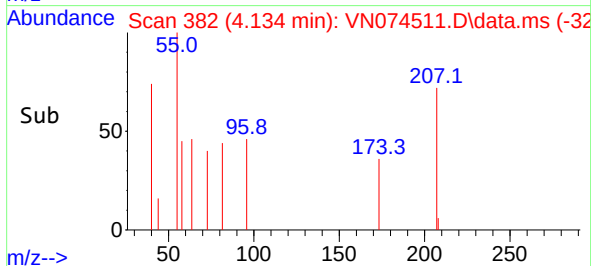
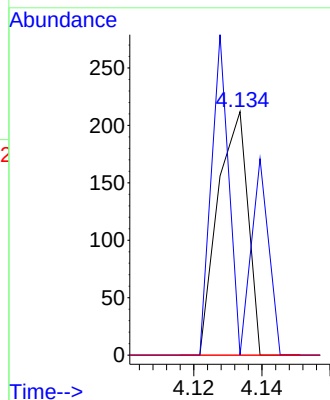
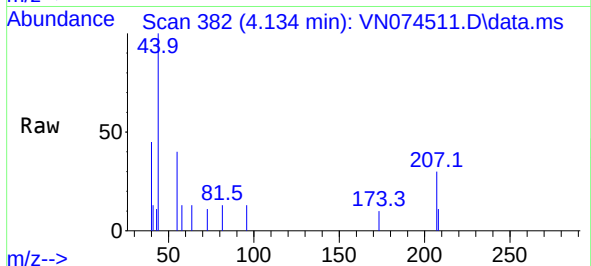




#12
1,1-Dichloroethene
Concen: 0.714 ug/l
RT: 4.134 min Scan# 31
Delta R.T. 0.030 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

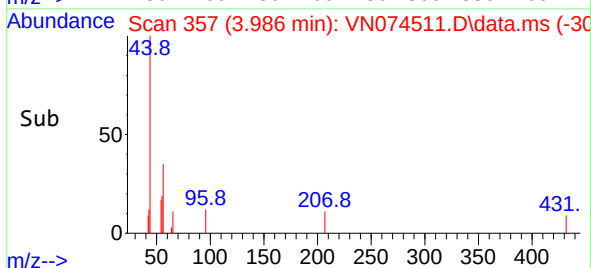
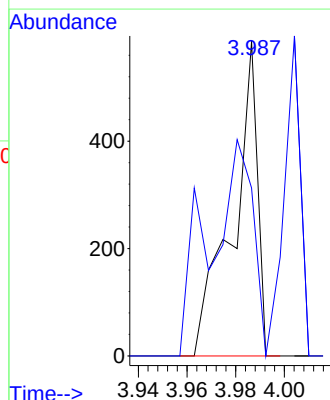
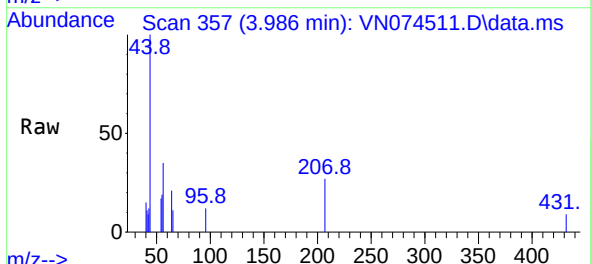
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220909RE

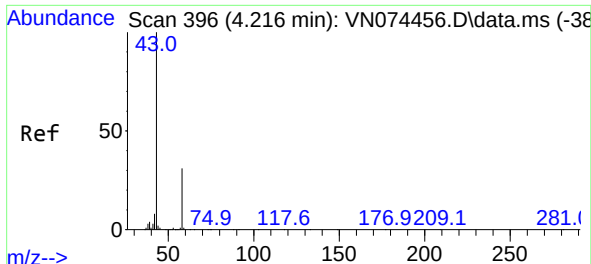
Tgt Ion: 96 Resp: 130
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#



#13
Acrolein
Concen: 0.621 ug/l
RT: 3.986 min Scan# 357
Delta R.T. 0.011 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

Tgt Ion: 56 Resp: 411
Ion Ratio Lower Upper
56 100
55 119.7 54.8 82.2#

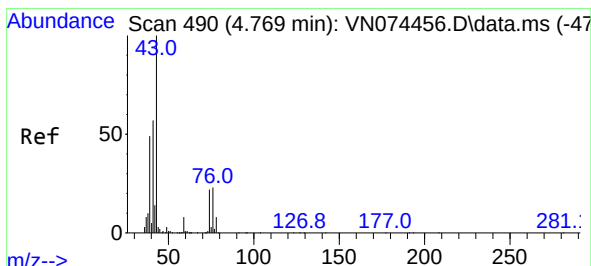
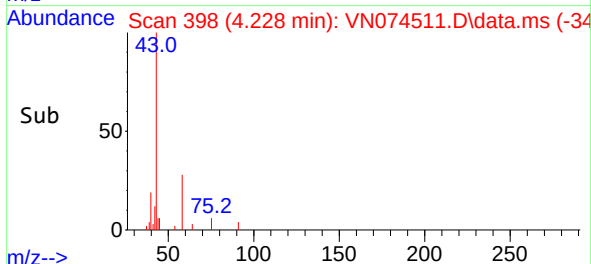
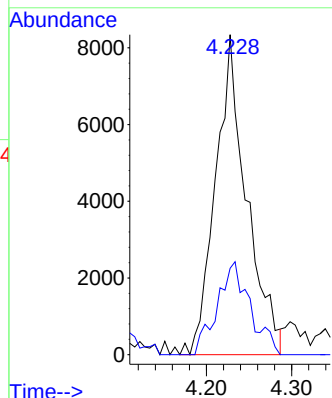
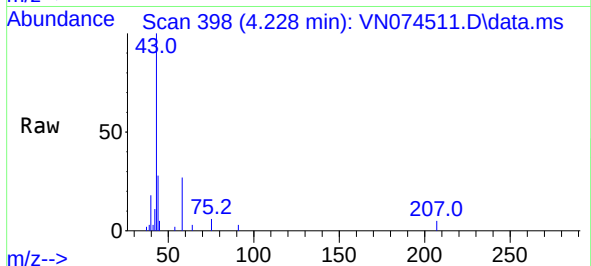




#16
Acetone
Concen: 5.931 ug/l
RT: 4.228 min Scan# 396
Delta R.T. 0.012 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

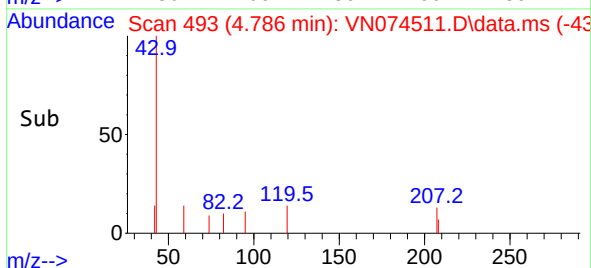
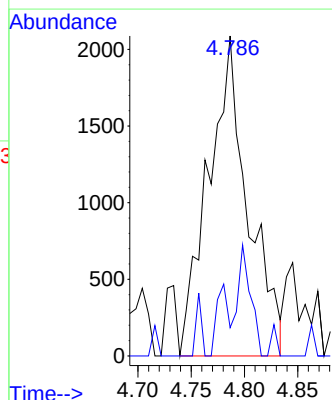
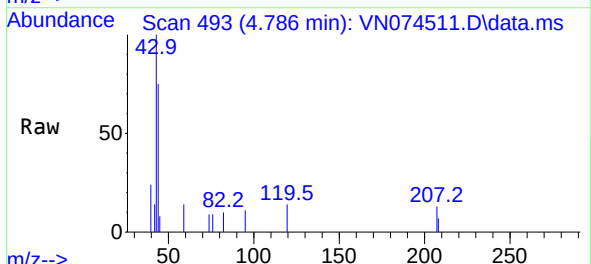
Instrument :
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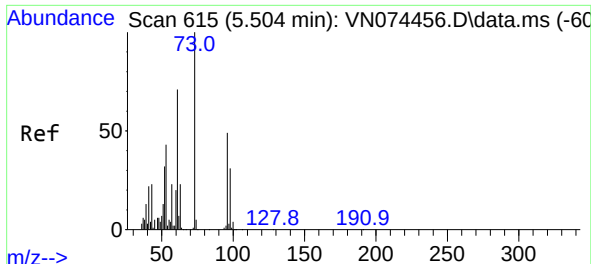
Tgt Ion: 43 Resp: 21118
Ion Ratio Lower Upper
43 100
58 27.0 26.0 39.0



#18
Methyl Acetate
Concen: 0.487 ug/l
RT: 4.786 min Scan# 493
Delta R.T. 0.017 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

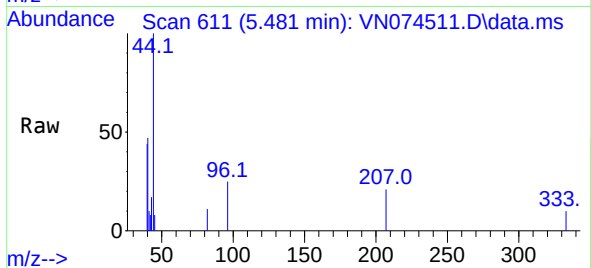
Tgt Ion: 43 Resp: 5388
Ion Ratio Lower Upper
43 100
74 6.7 21.6 32.4#



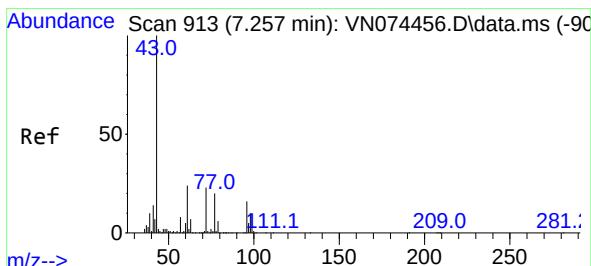
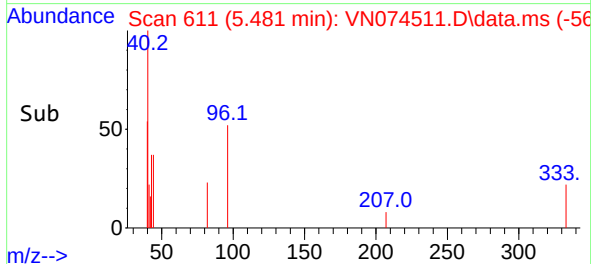
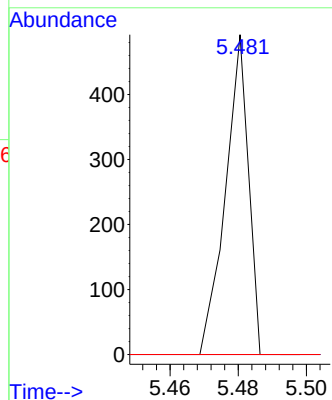


#21
trans-1,2-Dichloroethene
Concen: 0.477 ug/l
RT: 5.481 min Scan# 611
Delta R.T. -0.023 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220909RE

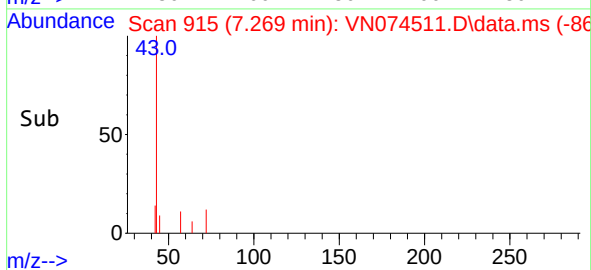
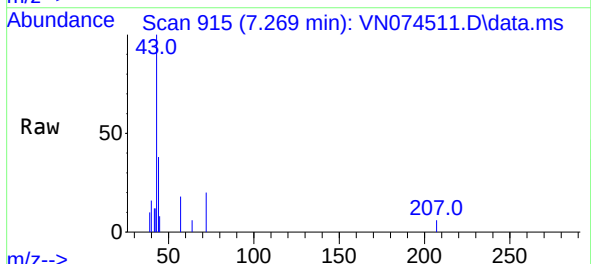
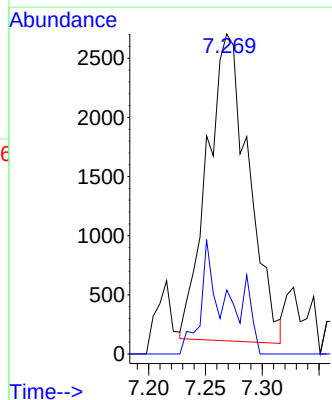


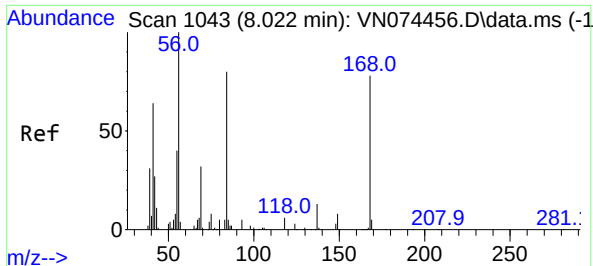
Tgt Ion: 96 Resp: 230
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#



#25
2-Butanone
Concen: 1.113 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

Tgt Ion: 43 Resp: 6582
Ion Ratio Lower Upper
43 100
72 21.5 23.7 35.5#

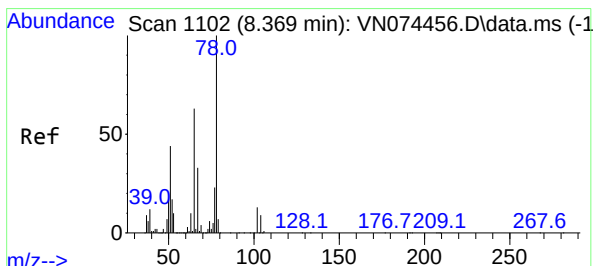
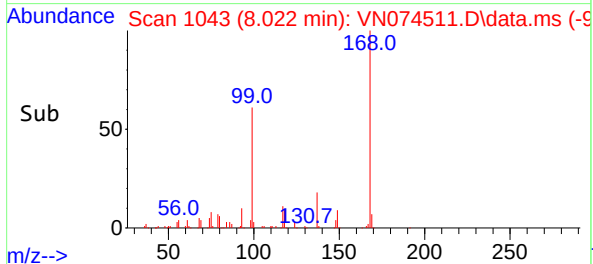
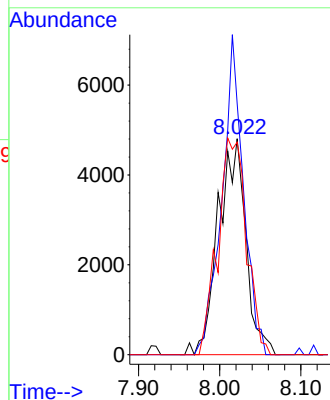
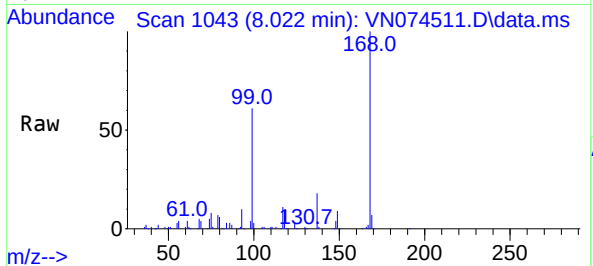




#31
Cyclohexane
Concen: 1.155 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

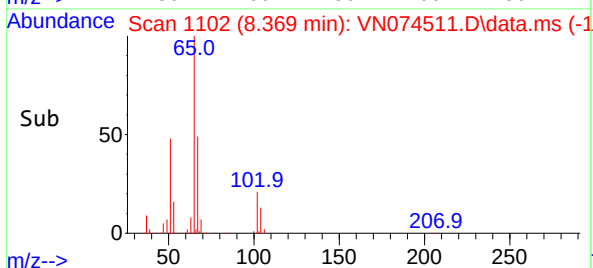
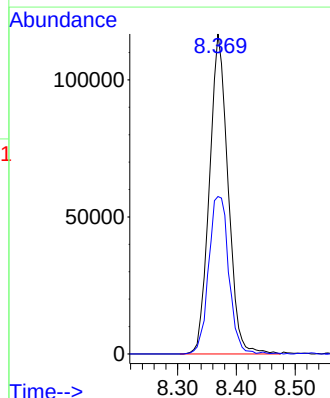
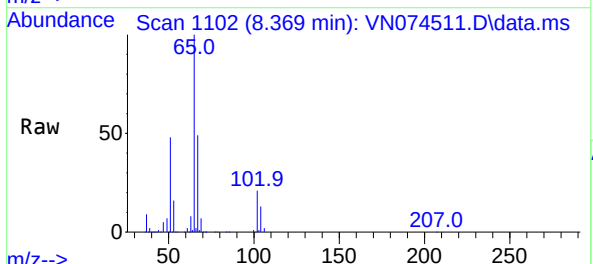
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW5-DUP-20220909RE

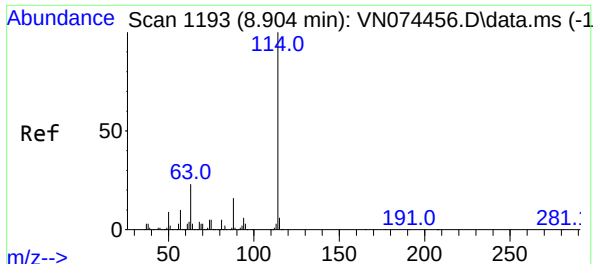
Tgt Ion: 56 Resp: 11405
Ion Ratio Lower Upper
56 100
69 116.2 27.8 41.8#
84 98.4 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 46.164 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

Tgt Ion: 65 Resp: 256889
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8

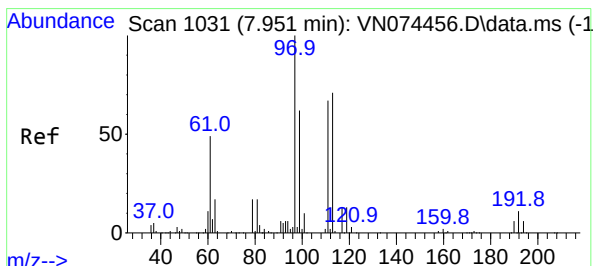
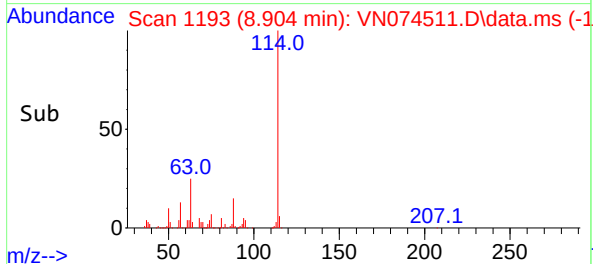
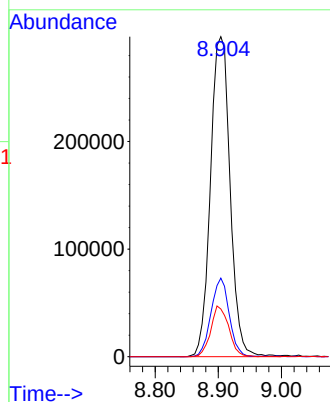
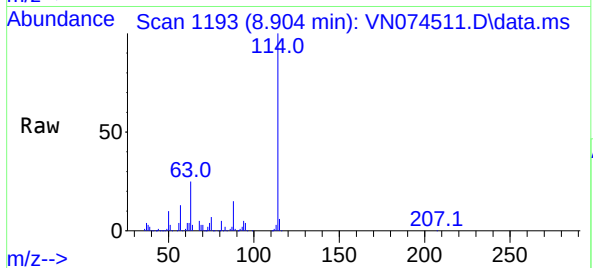




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

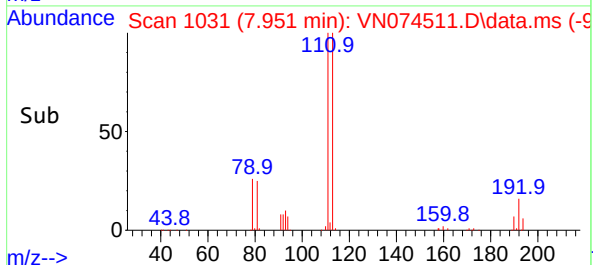
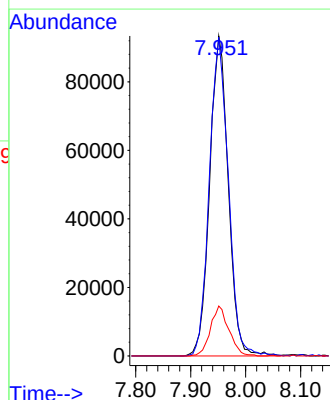
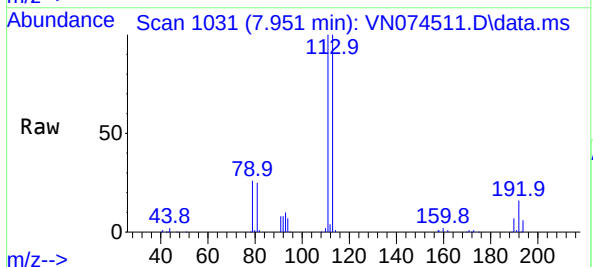
Instrument :
MSVOA_N
ClientSampleId :
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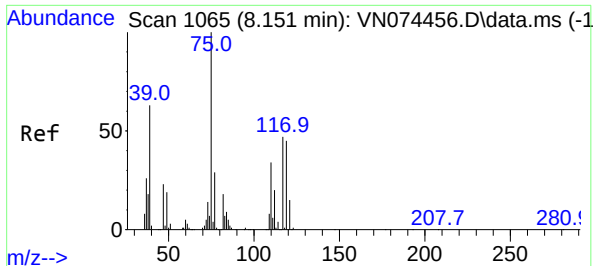
Tgt Ion:	114	Resp:	641826
Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	40.0
88	14.9	0.0	32.6



#35
Dibromofluoromethane
Concen: 51.479 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

Tgt Ion:	113	Resp:	219484
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	15.5	17.0	25.6#

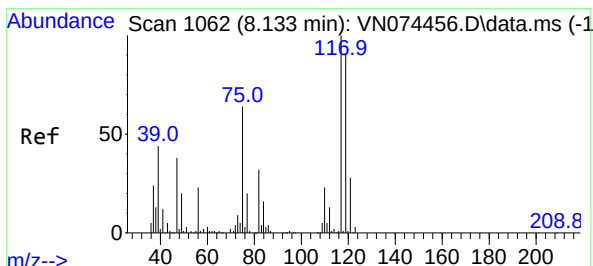
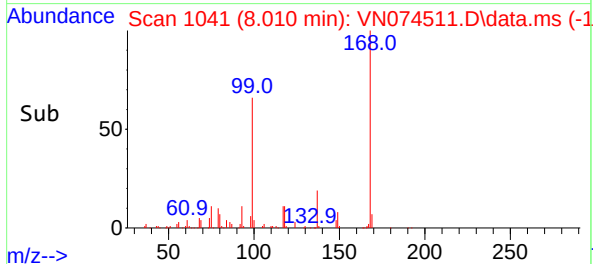
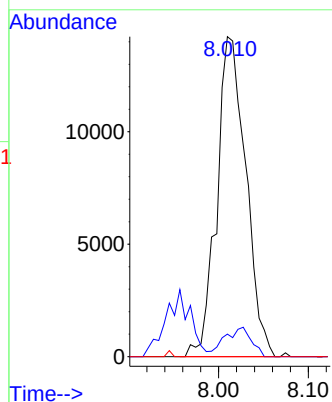
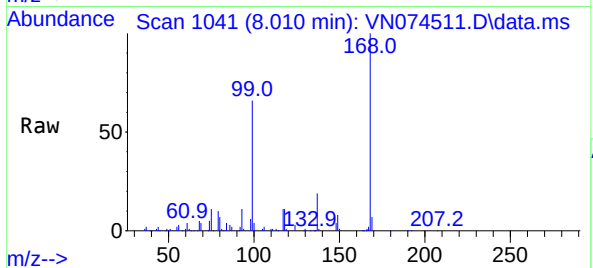




#36
1,1-Dichloropropene
Concen: 4.232 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.141 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

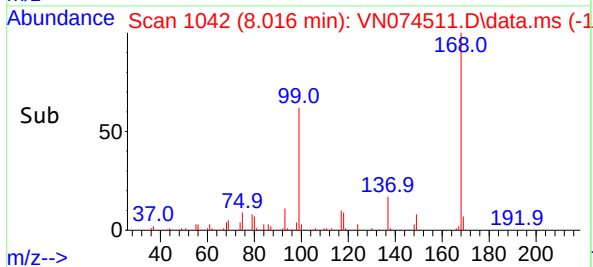
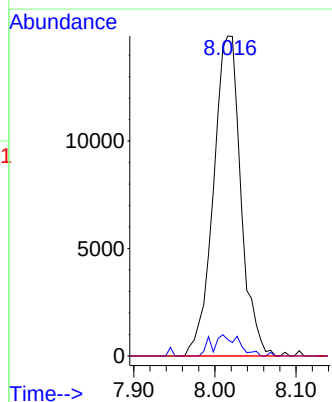
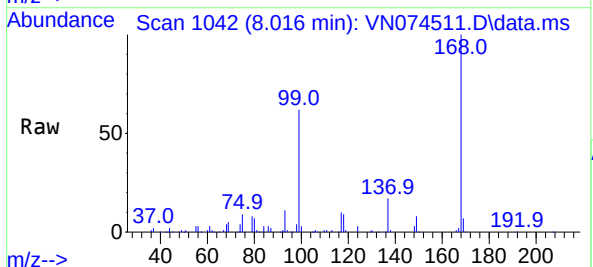
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW5-DUP-20220909RE

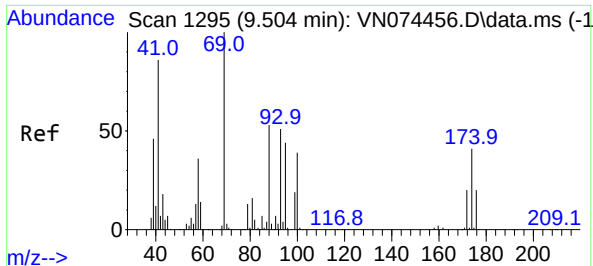
Tgt Ion: 75 Resp: 31935
Ion Ratio Lower Upper
75 100
110 8.5 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.017 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

Tgt Ion: 117 Resp: 34960
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 24.6 37.0#

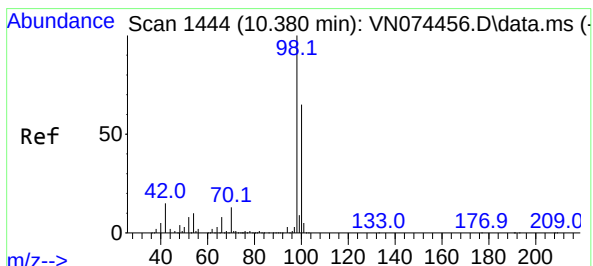
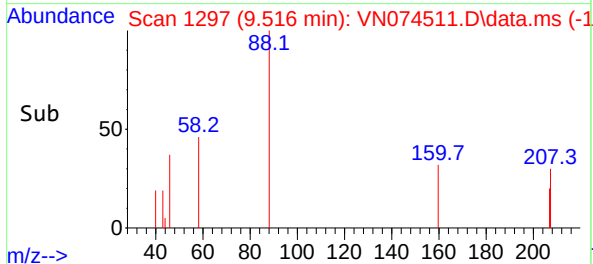
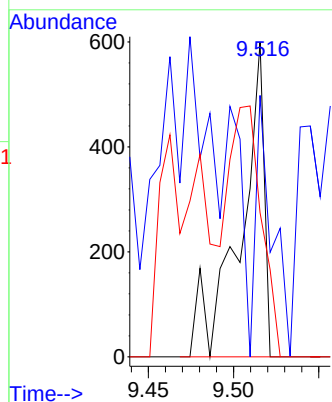
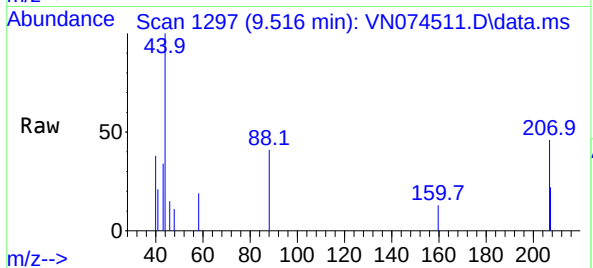




#49
1,4-Dioxane
Concen: 3.740 ug/l
RT: 9.516 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

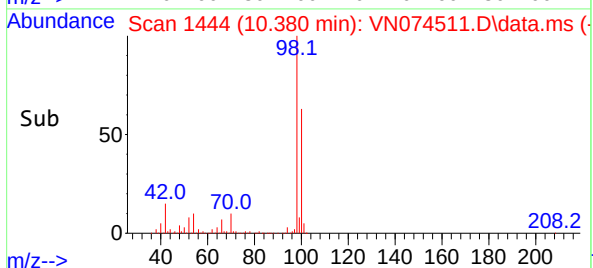
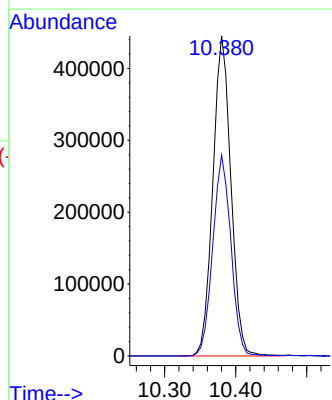
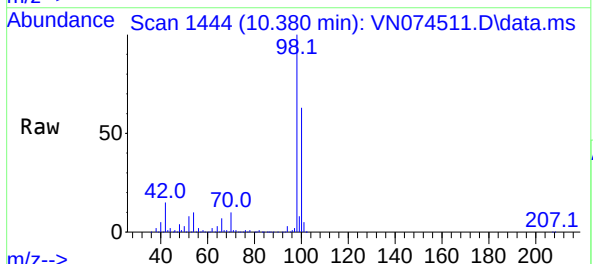
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220909RE

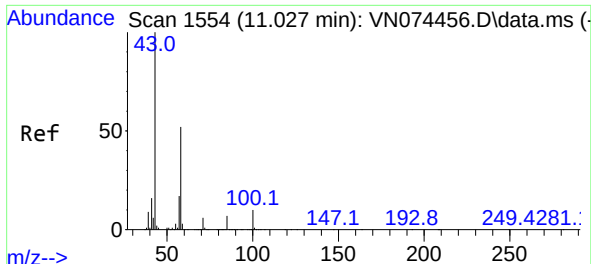
Tgt Ion: 88 Resp: 582
Ion Ratio Lower Upper
88 100
43 57.2 20.2 30.4#
58 107.4 54.2 81.4#



#50
Toluene-d8
Concen: 47.650 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

Tgt Ion: 98 Resp: 785679
Ion Ratio Lower Upper
98 100
100 63.0 52.6 78.8

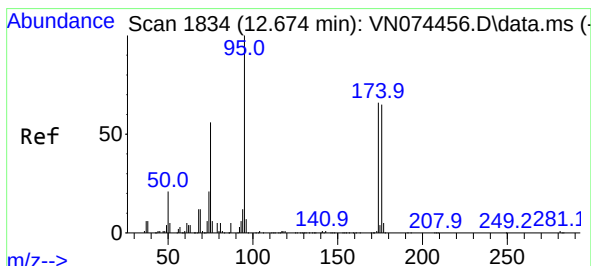
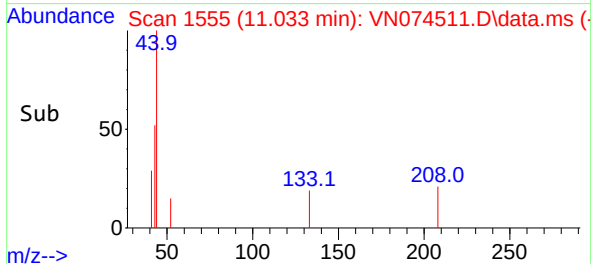
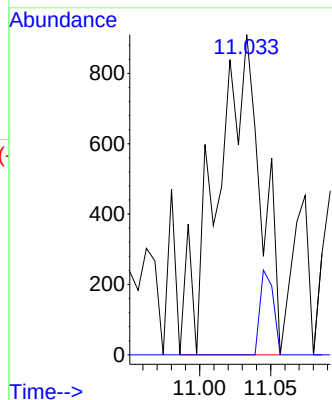
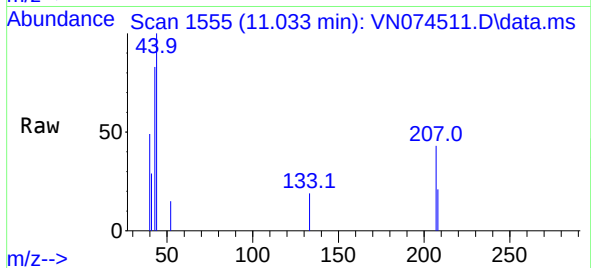




#59
2-Hexanone
Concen: 0.219 ug/l
RT: 11.033 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

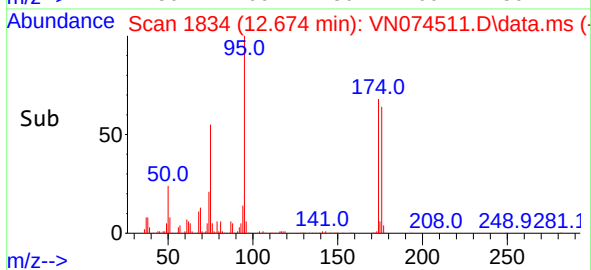
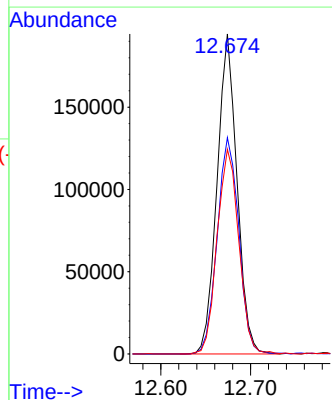
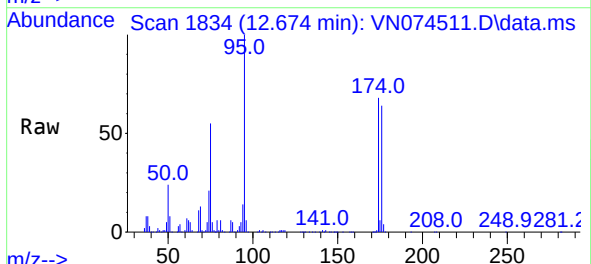
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220909RE

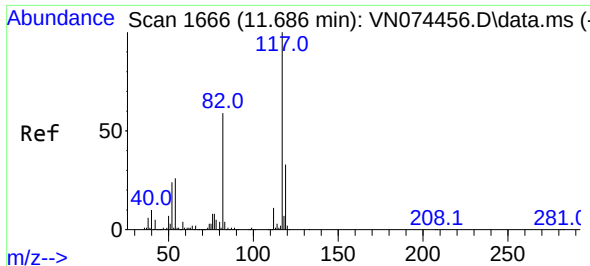
Tgt Ion: 43 Resp: 1991
Ion Ratio Lower Upper
43 100
58 7.7 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 53.172 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

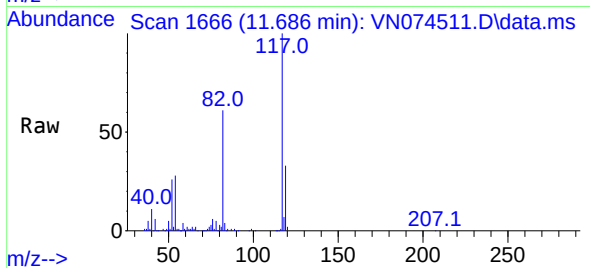
Tgt Ion: 95 Resp: 300280
Ion Ratio Lower Upper
95 100
174 73.1 0.0 167.6
176 69.5 0.0 163.4



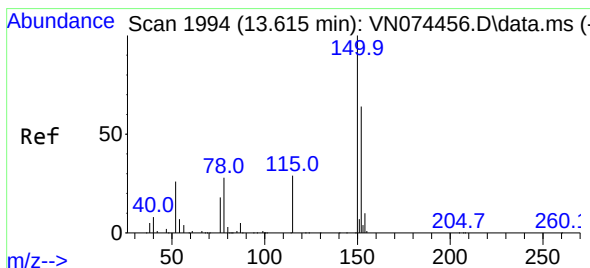
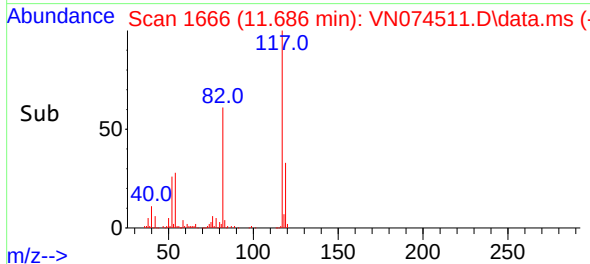
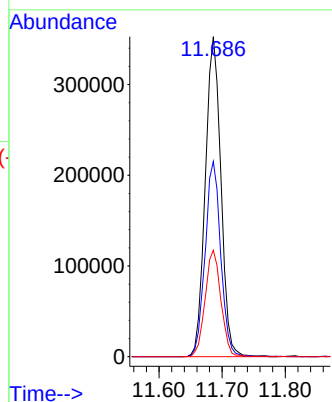


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220909RE

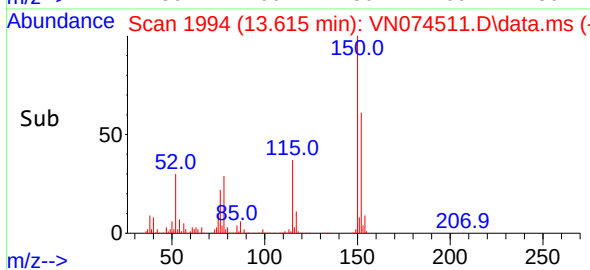
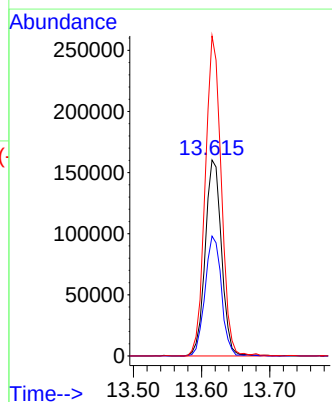
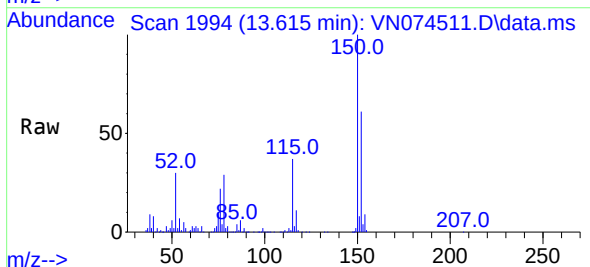


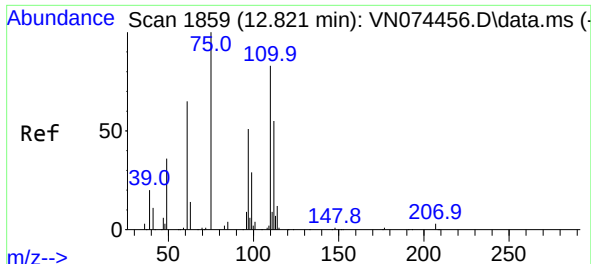
Tgt Ion:117 Resp: 604925
Ion Ratio Lower Upper
117 100
82 61.0 44.2 66.2
119 33.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

Tgt Ion:152 Resp: 267084
Ion Ratio Lower Upper
152 100
115 61.3 28.9 86.7
150 160.3 0.0 356.2

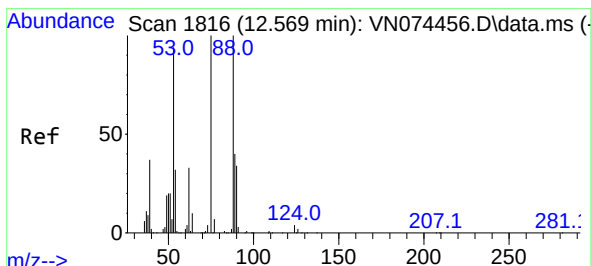
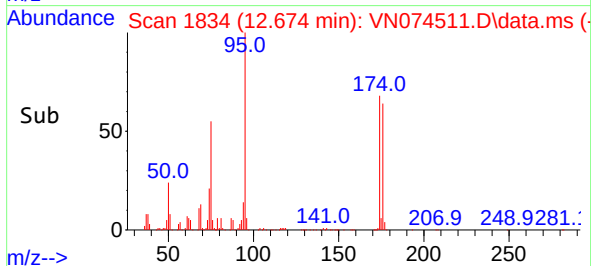
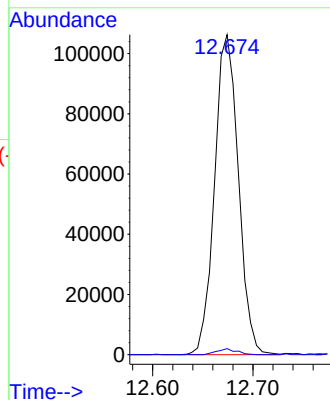
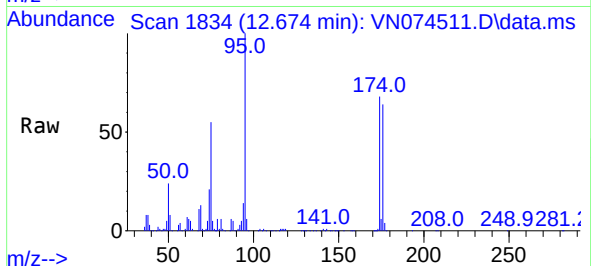




#76
1,2,3-Trichloropropane
Concen: 21.326 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

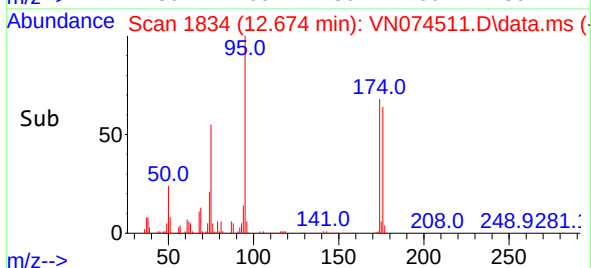
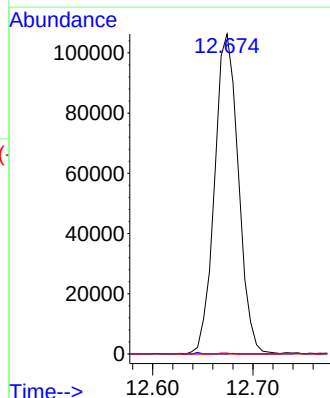
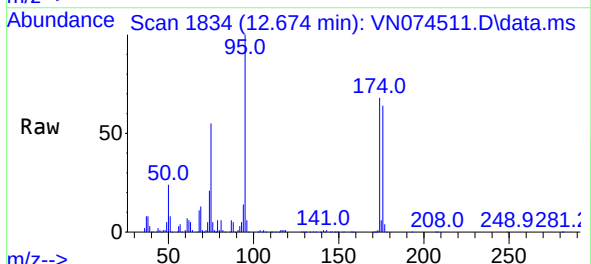
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220909RE

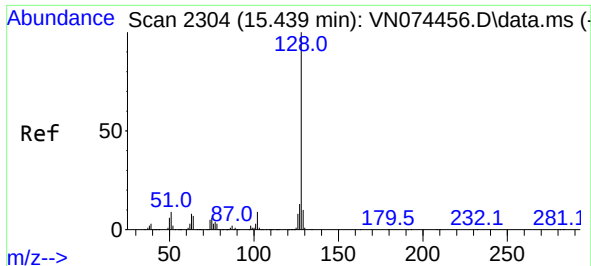
Tgt Ion: 75 Resp: 175322
Ion Ratio Lower Upper
75 100
77 1.6 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 46.028 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

Tgt Ion: 75 Resp: 175322
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#

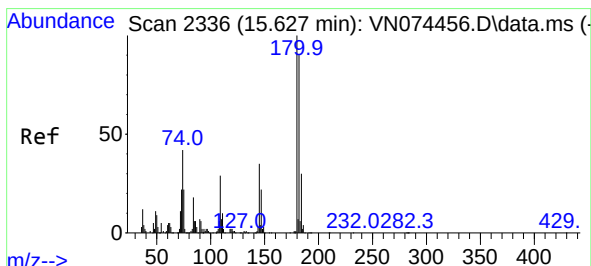
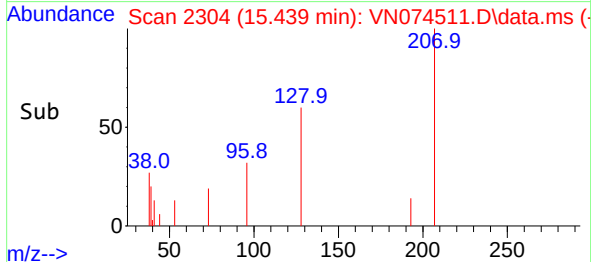
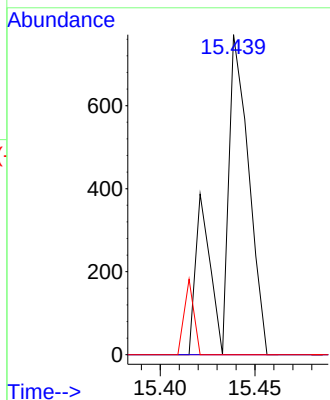
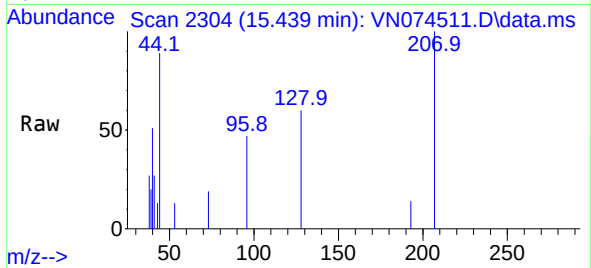




#95
Naphthalene
Concen: 1.621 ug/l
RT: 15.439 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220909RE

Tgt Ion:128 Resp: 764
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.346 ug/l
RT: 15.645 min Scan# 2339
Delta R.T. 0.018 min
Lab File: VN074511.D
Acq: 16 Sep 2022 15:33

Tgt Ion:180 Resp: 53
Ion Ratio Lower Upper
180 100
182 0.0 47.8 143.3#
145 0.0 15.5 46.5#

