

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074504.D
 Acq On : 16 Sep 2022 12:43
 Operator : JC\MD
 Sample : N4626-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Sep 16 16:15:02 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)

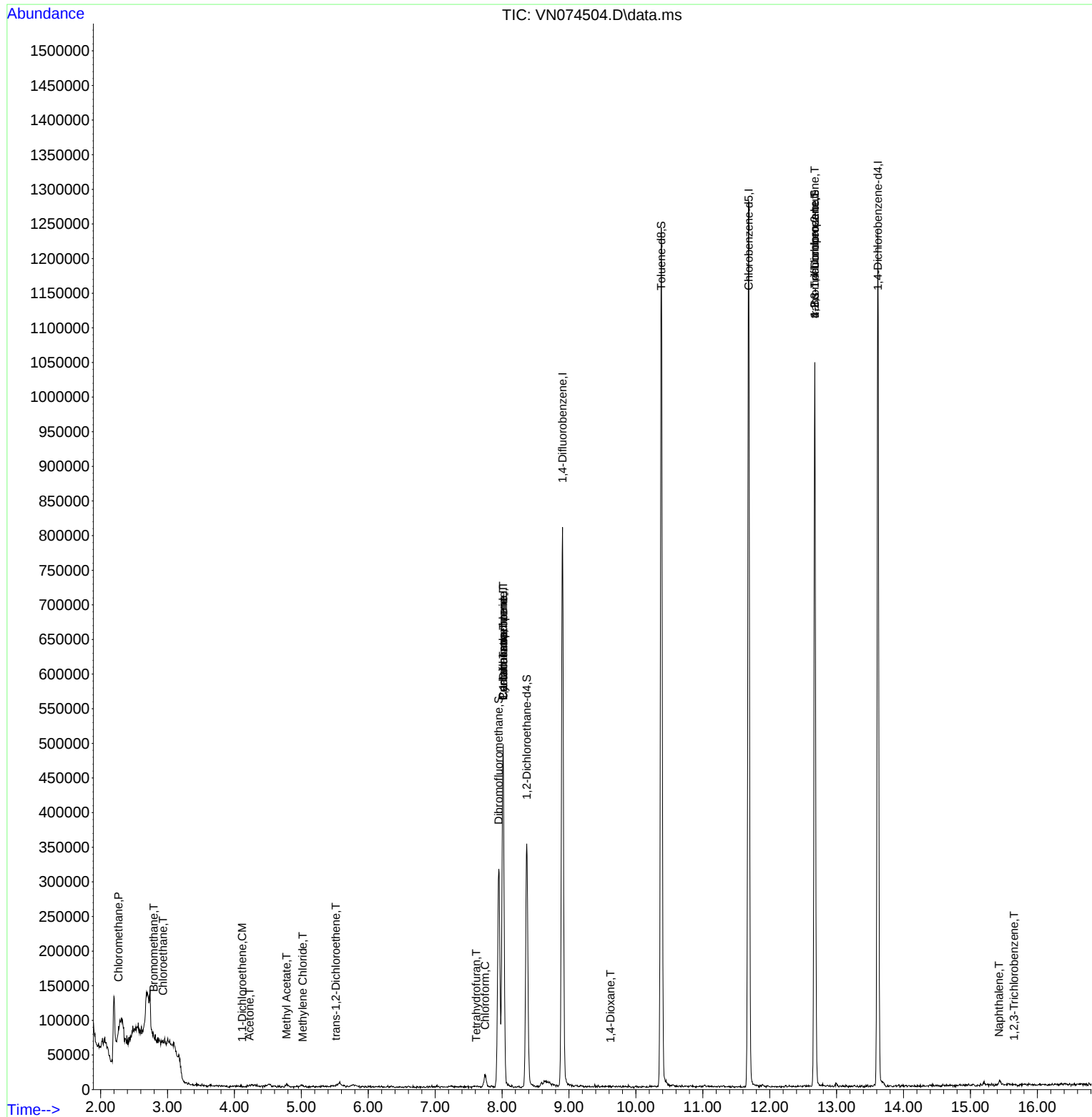
Internal Standards						
1) Pentafluorobenzene	8.016	168	346558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	672049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	656227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	292948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	277337	47.165	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.320%		
35) Dibromofluoromethane	7.951	113	226827	50.809	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.620%		
50) Toluene-d8	10.380	98	816652	47.301	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.600%		
62) 4-Bromofluorobenzene	12.674	95	321877	54.433	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.860%		
Target Compounds					Qvalue	
3) Chloromethane	2.269	50	2650	0.674	ug/l #	78
5) Bromomethane	2.793	94	1372	0.383	ug/l #	33
6) Chloroethane	2.934	64	5173	1.115	ug/l #	67
12) 1,1-Dichloroethene	4.116	96	192	0.726	ug/l #	1
16) Acetone	4.228	43	4155	1.104	ug/l #	63
18) Methyl Acetate	4.781	43	6751	0.578	ug/l #	70
20) Methylene Chloride	5.022	84	1309	0.259	ug/l #	40
21) trans-1,2-Dichloroethene	5.516	96	613	0.550	ug/l #	1
29) Tetrahydrofuran	7.616	42	1705	0.415	ug/l #	35
30) Chloroform	7.745	83	13846	1.371	ug/l	95
31) Cyclohexane	8.016	56	11242	1.077	ug/l #	31
36) 1,1-Dichloropropene	8.016	75	33649	4.258	ug/l #	41
38) Carbon Tetrachloride	8.016	117	38590	5.289	ug/l #	19
49) 1,4-Dioxane	9.622	88	59	0.362	ug/l #	1
76) 1,2,3-Trichloropropane	12.674	75	189922	21.062	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	189922	45.459	ug/l #	10
95) Naphthalene	15.427	128	2339	1.679	ug/l	98
96) 1,2,3-Trichlorobenzene	15.651	180	919	1.485	ug/l #	12

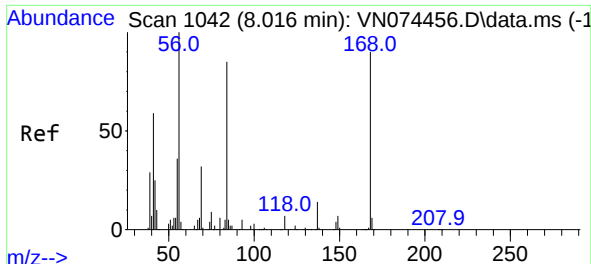
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration

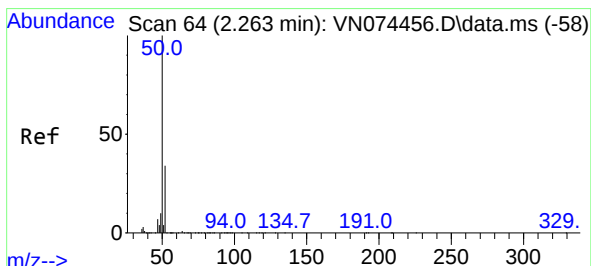
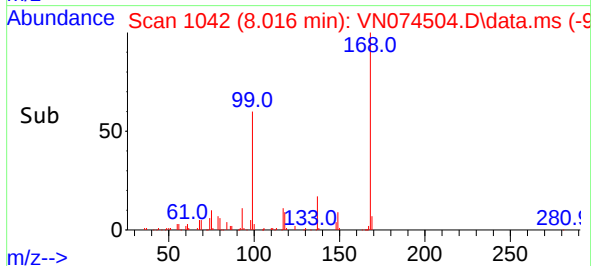
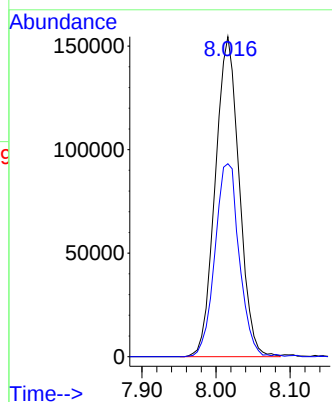
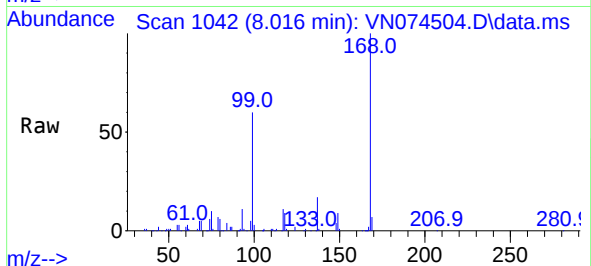




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

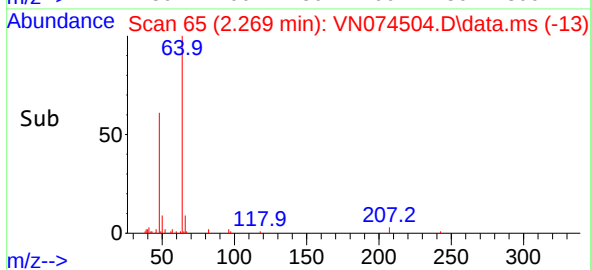
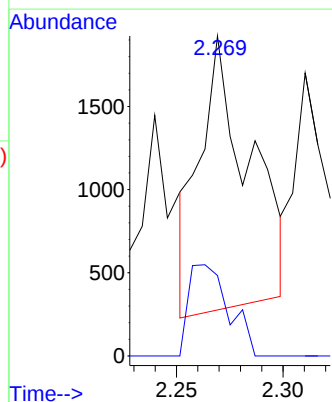
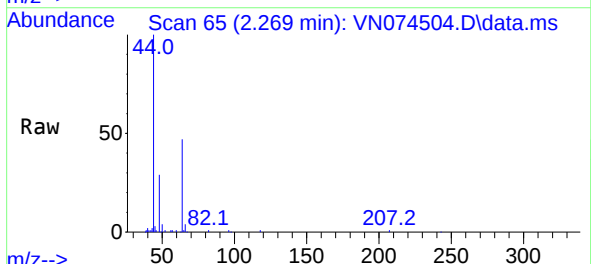
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW5-TB-20220909RE

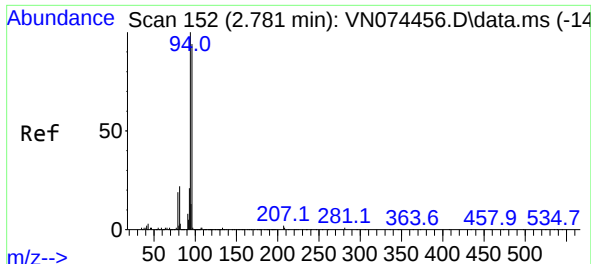
Tgt Ion:168 Resp: 346558
Ion Ratio Lower Upper
168 100
99 60.3 42.3 63.5



#3
Chloromethane
Concen: 0.674 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

Tgt Ion: 50 Resp: 2650
Ion Ratio Lower Upper
50 100
52 44.6 25.7 38.5#

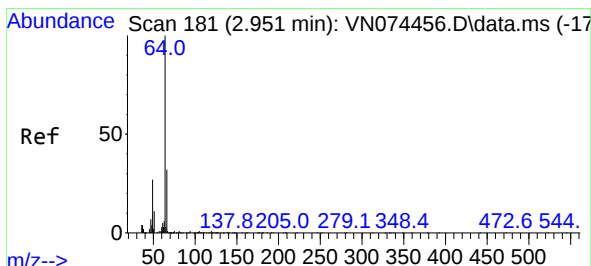
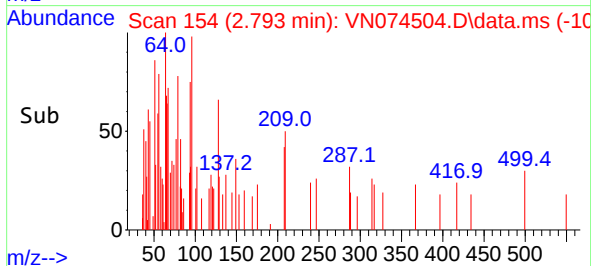
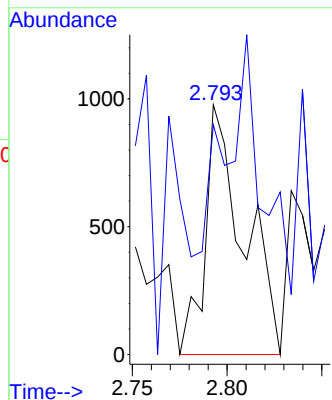
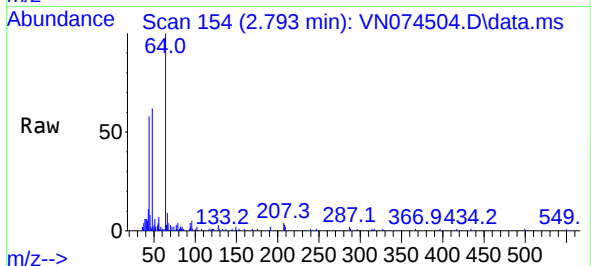




#5
Bromomethane
Concen: 0.383 ug/l
RT: 2.793 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

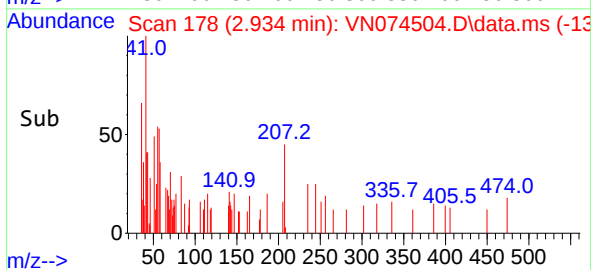
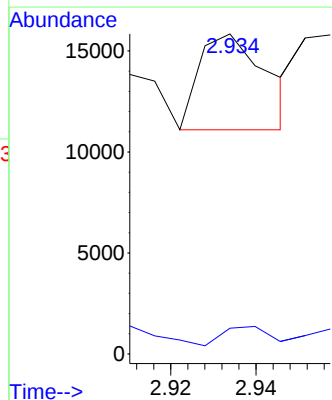
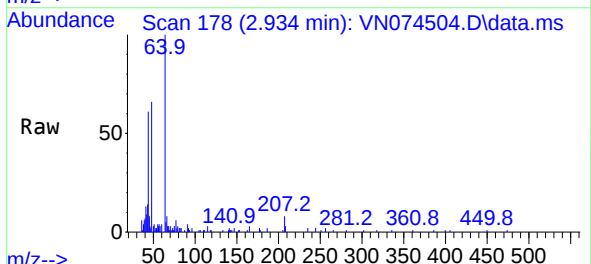
Instrument :
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ClientSampleId :
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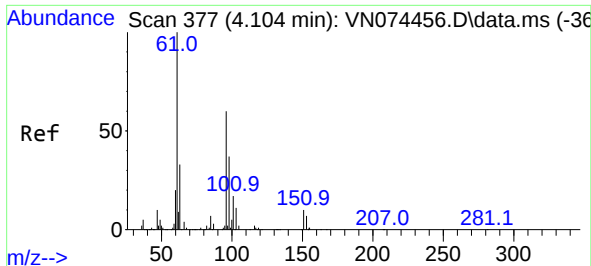
Tgt Ion: 94 Resp: 1372
Ion Ratio Lower Upper
94 100
96 29.8 76.0 114.0#



#6
Chloroethane
Concen: 1.115 ug/l
RT: 2.934 min Scan# 178
Delta R.T. -0.017 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

Tgt Ion: 64 Resp: 5173
Ion Ratio Lower Upper
64 100
66 14.0 26.2 39.4#

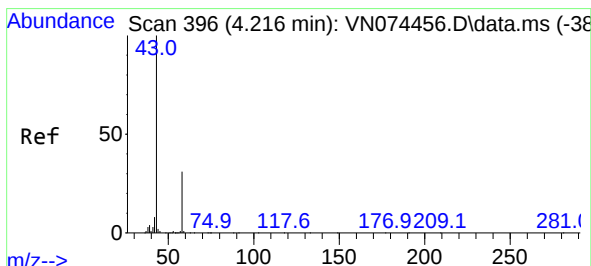
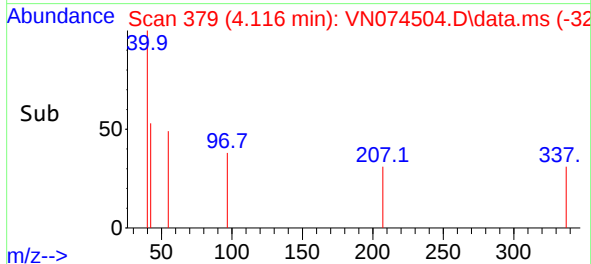
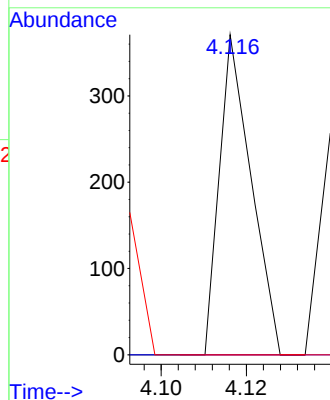
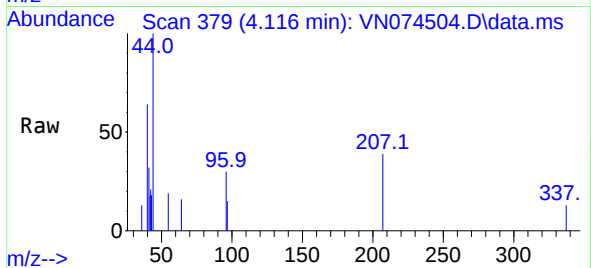




#12
1,1-Dichloroethene
Concen: 0.726 ug/l
RT: 4.116 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

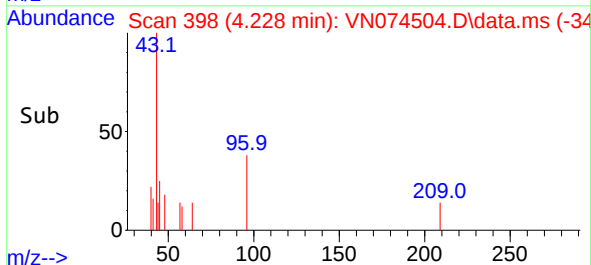
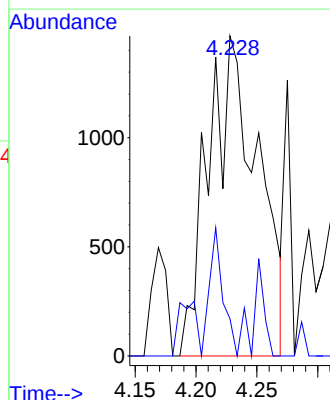
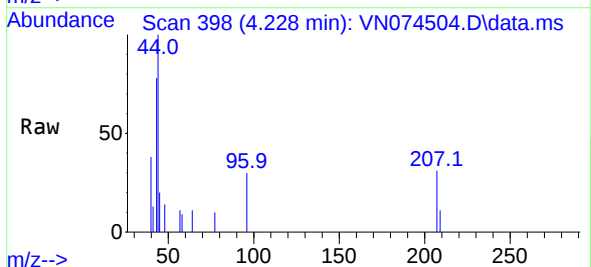
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-TB-20220909RE

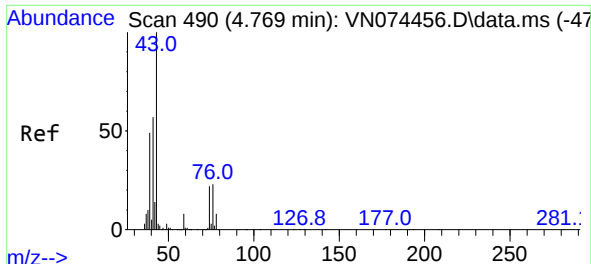
Tgt Ion: 96 Resp: 192
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#



#16
Acetone
Concen: 1.104 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.012 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

Tgt Ion: 43 Resp: 4155
Ion Ratio Lower Upper
43 100
58 11.7 26.0 39.0#

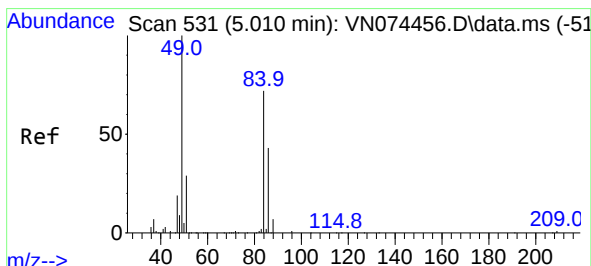
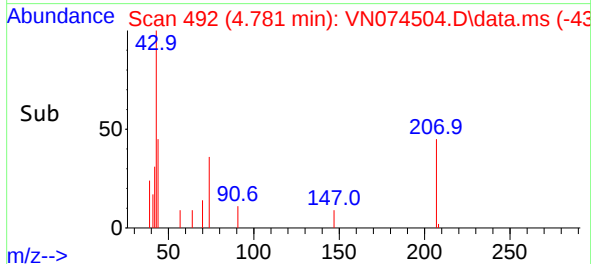
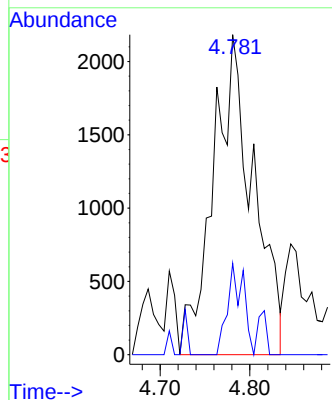
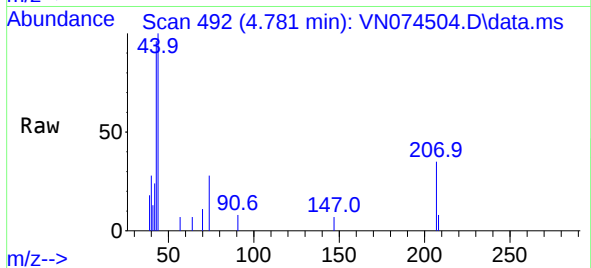




#18
Methyl Acetate
Concen: 0.578 ug/l
RT: 4.781 min Scan# 491
Delta R.T. 0.012 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

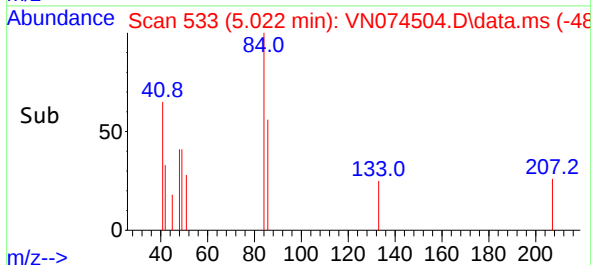
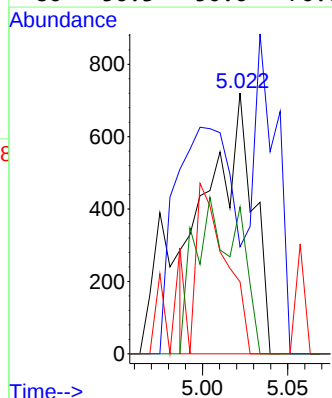
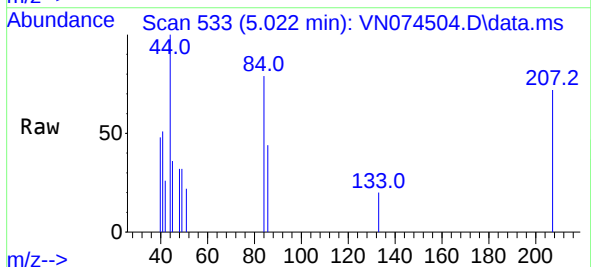
Instrument :
MSVOA_N
ClientSampleId :
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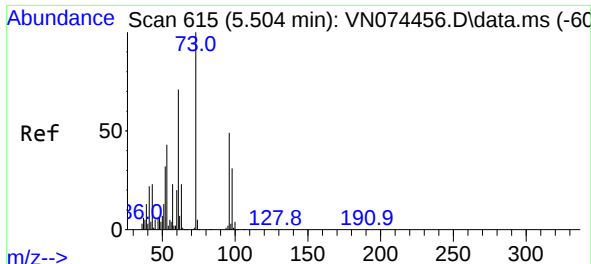
Tgt Ion: 43 Resp: 6751
Ion Ratio Lower Upper
43 100
74 11.4 21.6 32.4#



#20
Methylene Chloride
Concen: 0.259 ug/l
RT: 5.022 min Scan# 533
Delta R.T. 0.012 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

Tgt Ion: 84 Resp: 1309
Ion Ratio Lower Upper
84 100
49 0.0 88.3 132.5#
51 27.6 28.2 42.2#
86 56.3 50.6 76.0

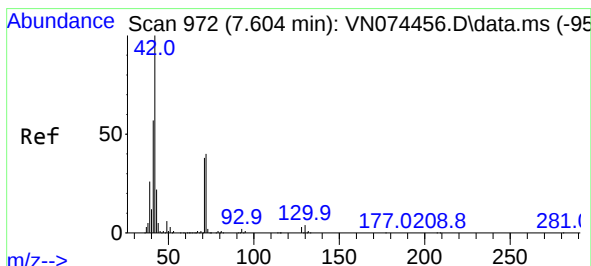
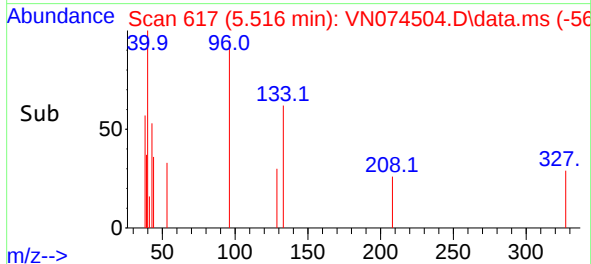
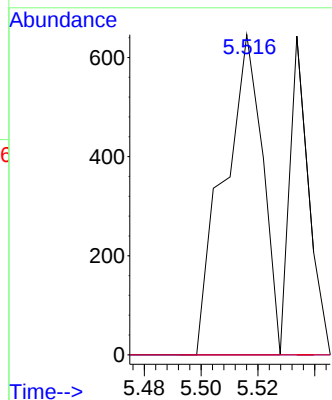
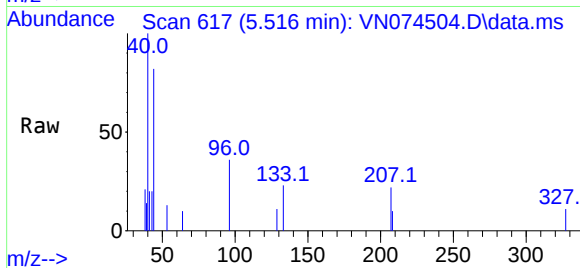




#21
trans-1,2-Dichloroethene
Concen: 0.550 ug/l
RT: 5.516 min Scan# 615
Delta R.T. 0.012 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

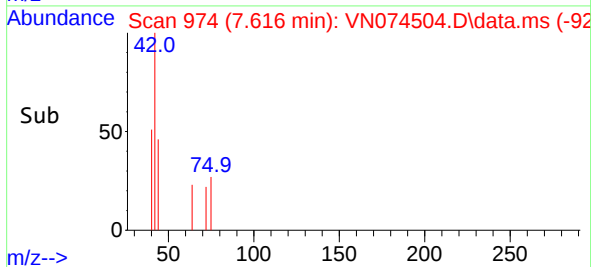
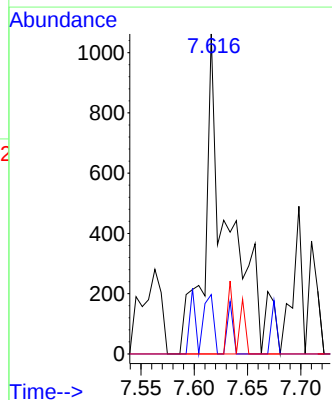
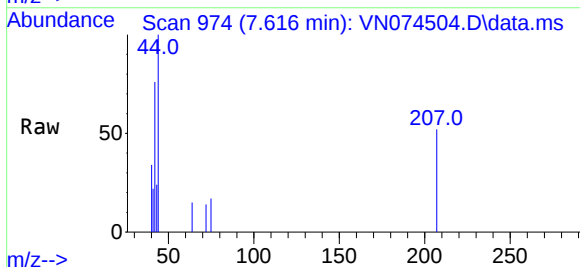
Instrument :
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ClientSampleId :
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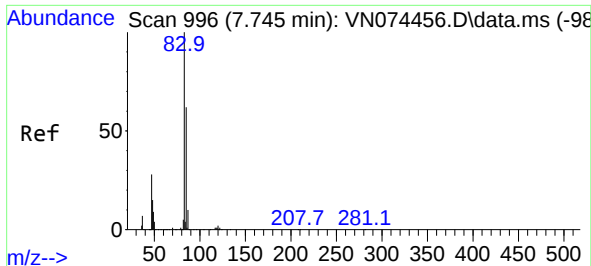
Tgt Ion: 96 Resp: 613
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#



#29
Tetrahydrofuran
Concen: 0.415 ug/l
RT: 7.616 min Scan# 974
Delta R.T. 0.012 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

Tgt Ion: 42 Resp: 1705
Ion Ratio Lower Upper
42 100
72 7.5 39.7 59.5#
71 0.0 36.6 55.0#

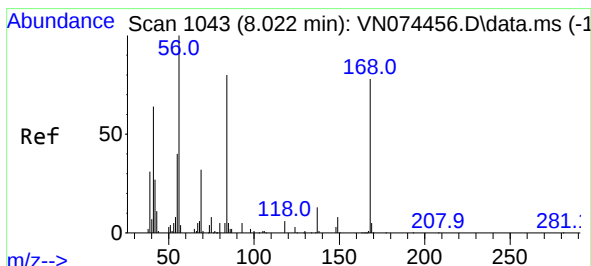
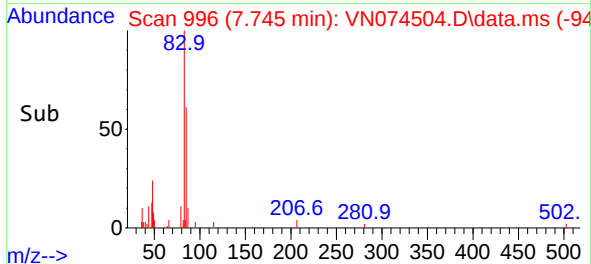
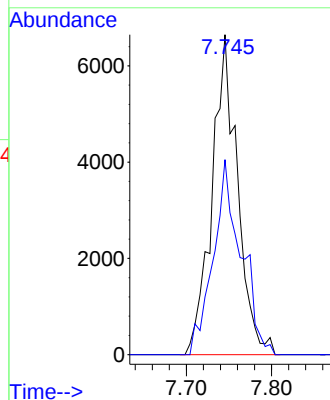
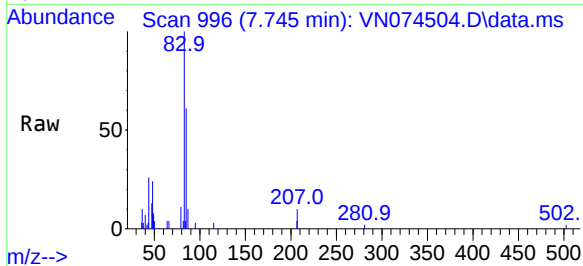




#30
Chloroform
Concen: 1.371 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

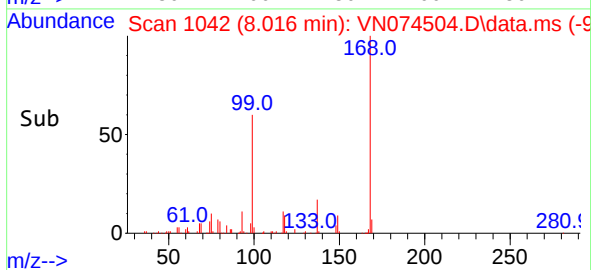
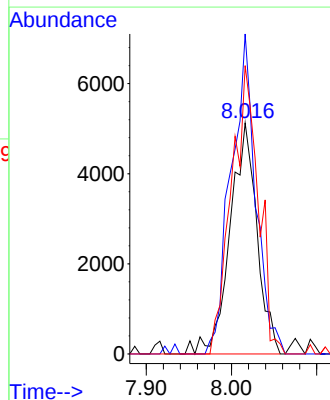
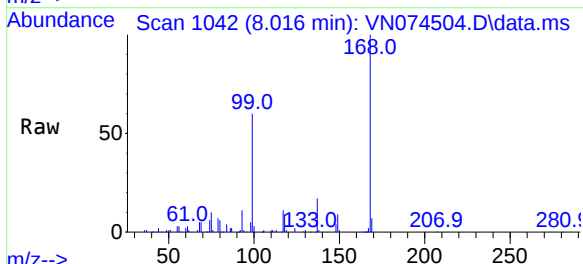
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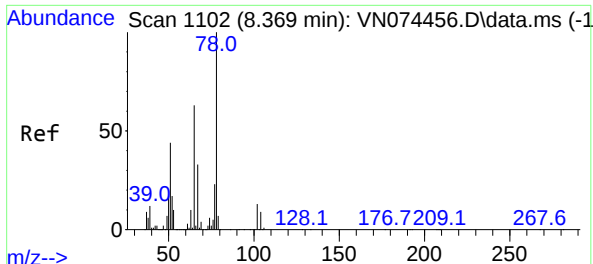
Tgt Ion: 83 Resp: 13846
Ion Ratio Lower Upper
83 100
85 60.9 51.8 77.8



#31
Cyclohexane
Concen: 1.077 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

Tgt Ion: 56 Resp: 11242
Ion Ratio Lower Upper
56 100
69 138.5 27.8 41.8#
84 124.8 76.9 115.3#

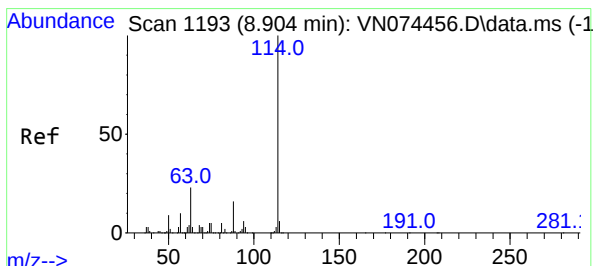
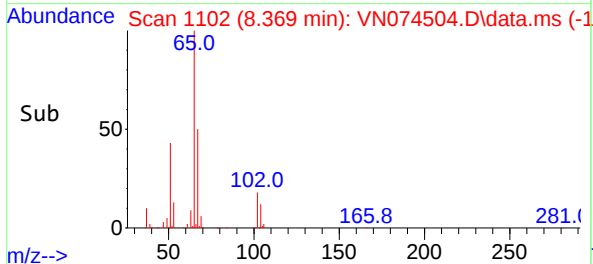
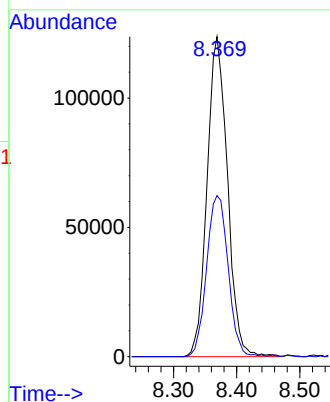
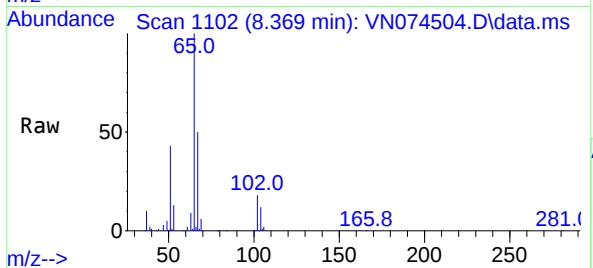




#33
1,2-Dichloroethane-d4
Concen: 47.165 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

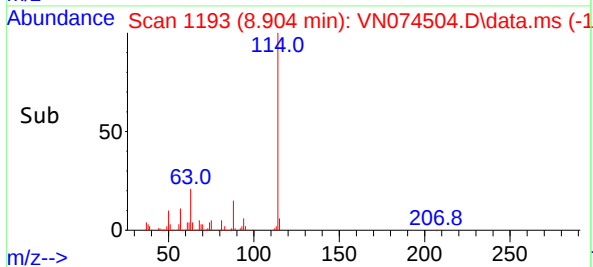
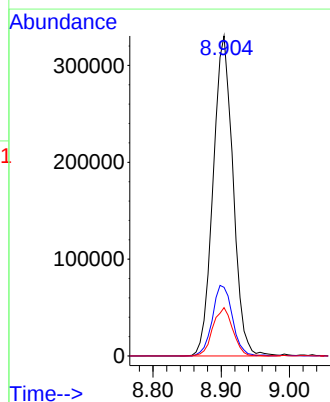
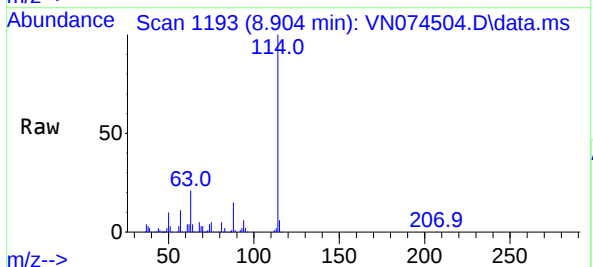
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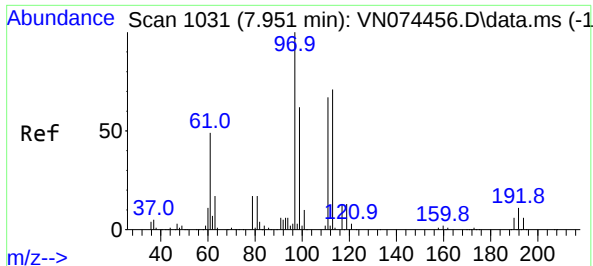
Tgt Ion: 65 Resp: 277337
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

Tgt Ion:114 Resp: 672049
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.0
88 15.1 0.0 32.6

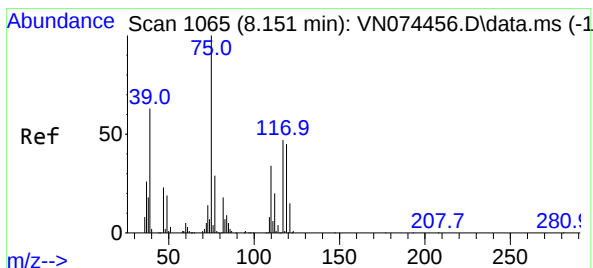
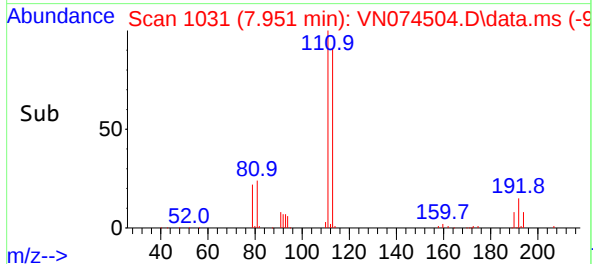
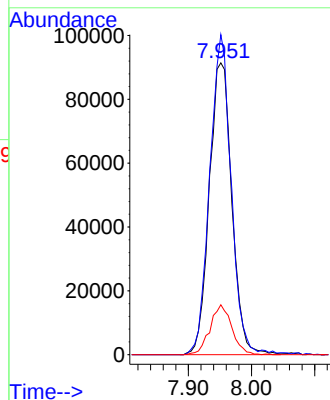
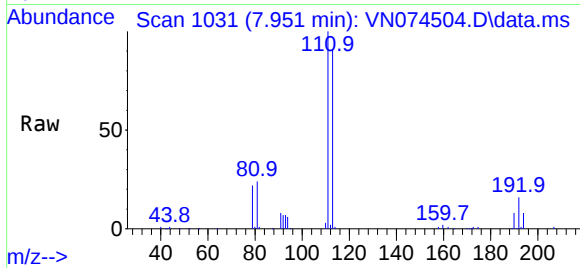




#35
Dibromofluoromethane
Concen: 50.809 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

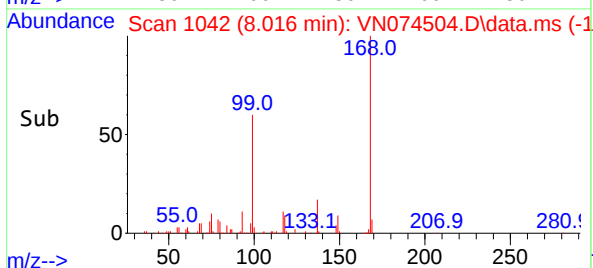
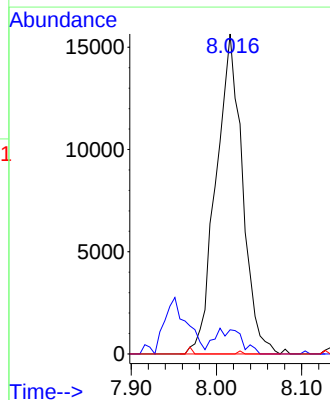
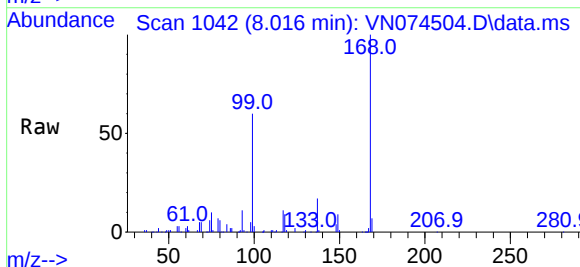
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW5-TB-20220909RE

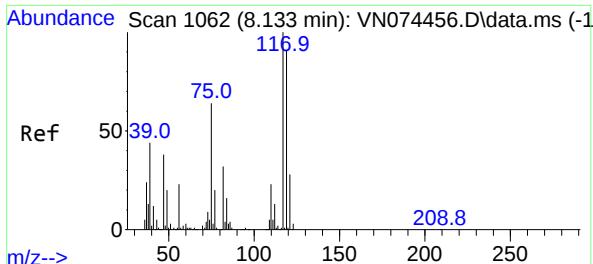
Tgt Ion:113 Resp: 226827
Ion Ratio Lower Upper
113 100
111 104.4 81.4 122.0
192 16.5 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 4.258 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

Tgt Ion: 75 Resp: 33649
Ion Ratio Lower Upper
75 100
110 0.0 18.3 54.8#
77 0.2 25.1 37.7#

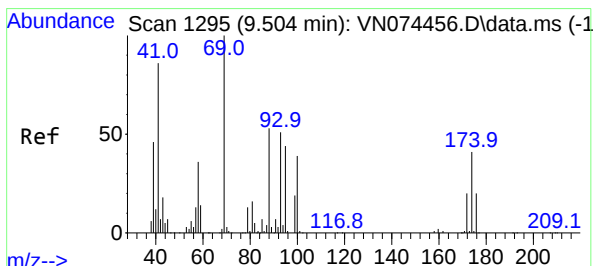
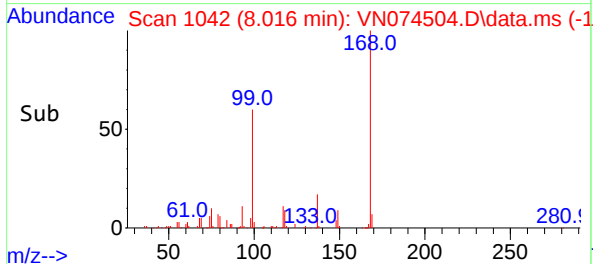
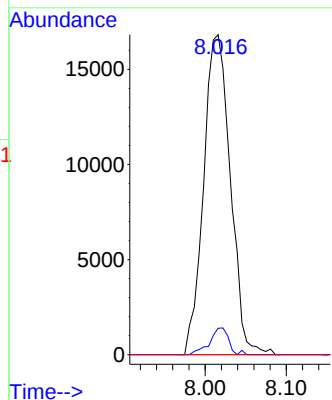
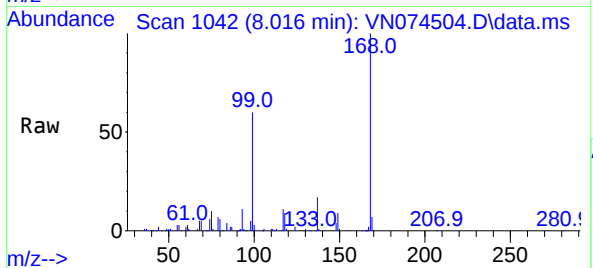




#38
Carbon Tetrachloride
Concen: 5.289 ug/l
RT: 8.016 min Scan# 117
Delta R.T. -0.117 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

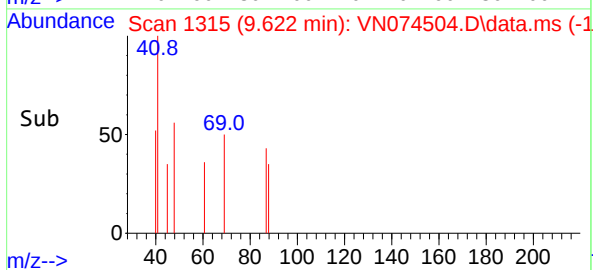
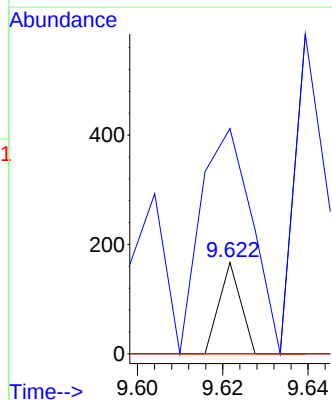
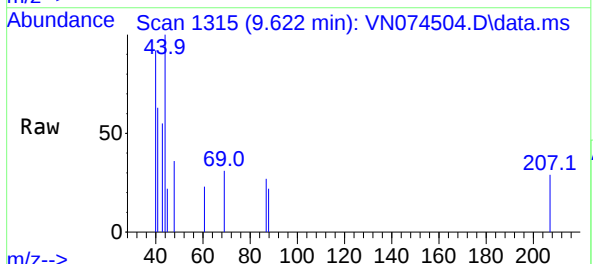
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-TB-20220909RE

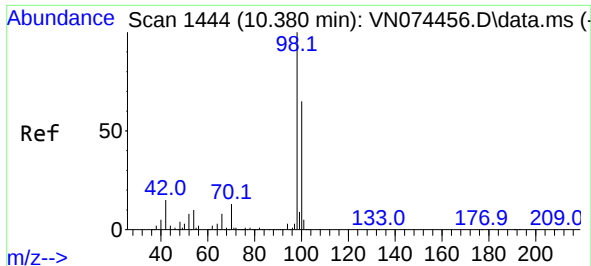
Tgt Ion:117 Resp: 38590
Ion Ratio Lower Upper
117 100
119 8.3 75.8 113.8#
121 0.0 24.6 37.0#



#49
1,4-Dioxane
Concen: 0.362 ug/l
RT: 9.622 min Scan# 1315
Delta R.T. 0.118 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 581.4 20.2 30.4#
58 0.0 54.2 81.4#

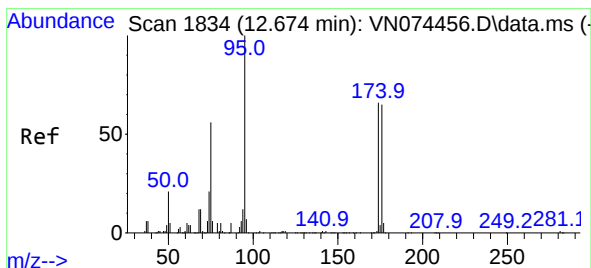
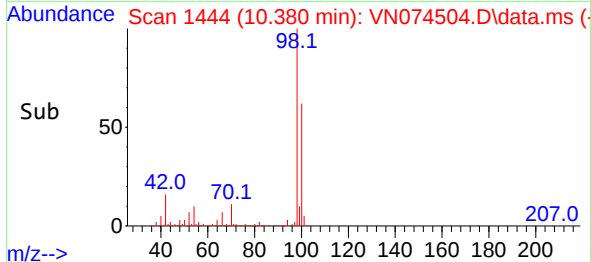
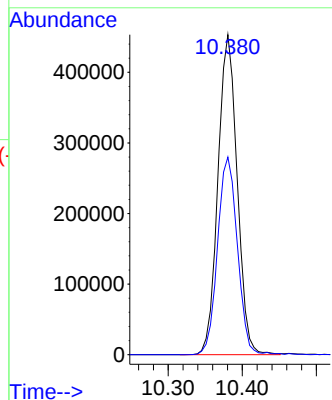
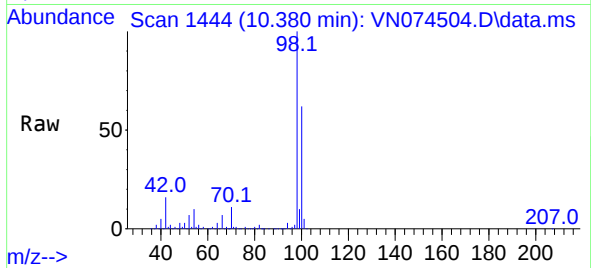




#50
Toluene-d8
Concen: 47.301 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

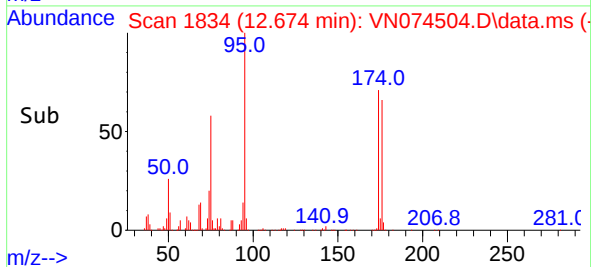
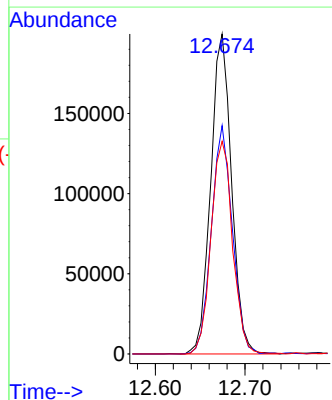
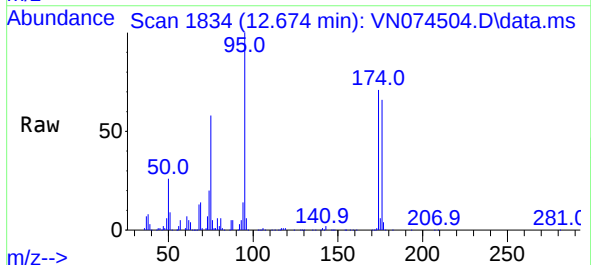
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-TB-20220909RE

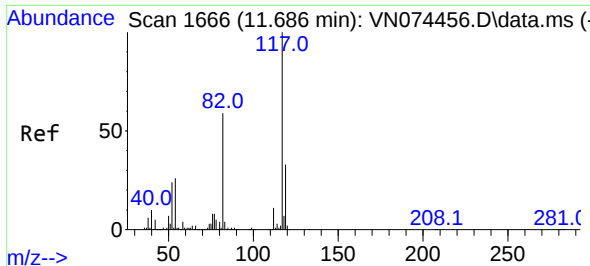
Tgt Ion: 98 Resp: 816652
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.433 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

Tgt Ion: 95 Resp: 321877
Ion Ratio Lower Upper
95 100
174 71.7 0.0 167.6
176 68.9 0.0 163.4

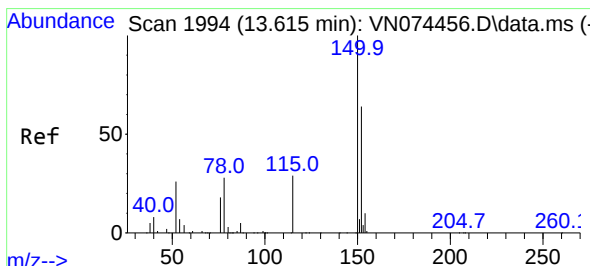
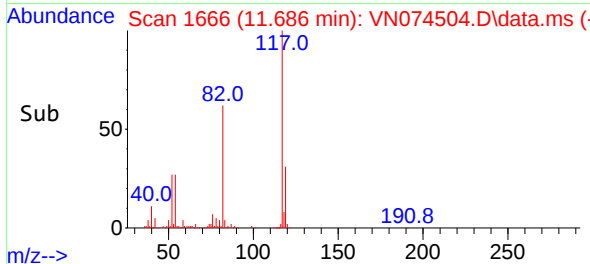
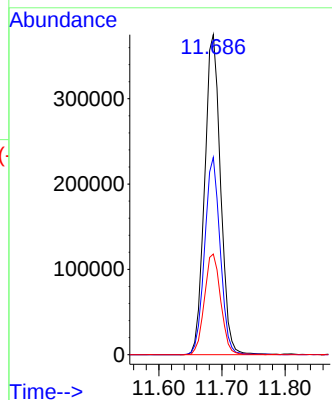
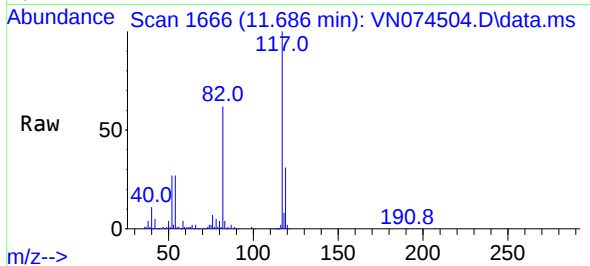




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

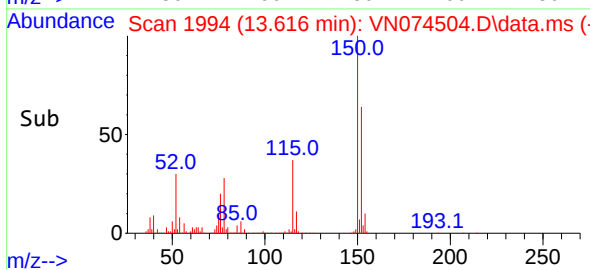
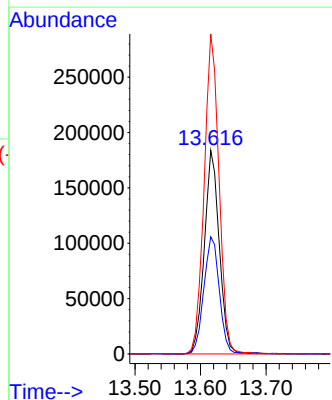
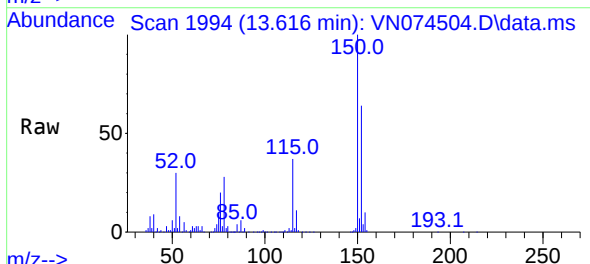
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-TB-20220909RE

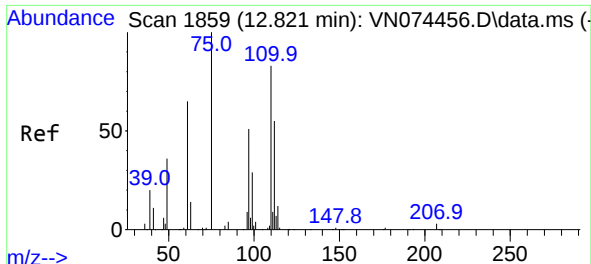
Tgt Ion:	117	Resp:	656227
Ion	Ratio	Lower	Upper
117	100		
82	61.6	44.2	66.2
119	31.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

Tgt Ion:	152	Resp:	292948
Ion	Ratio	Lower	Upper
152	100		
115	59.5	28.9	86.7
150	155.9	0.0	356.2

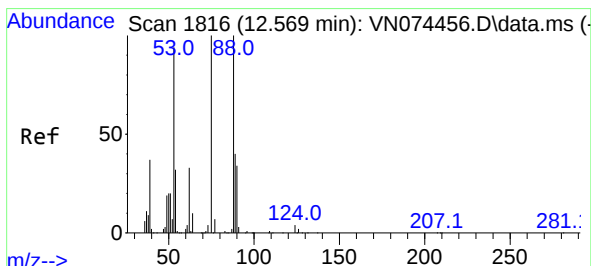
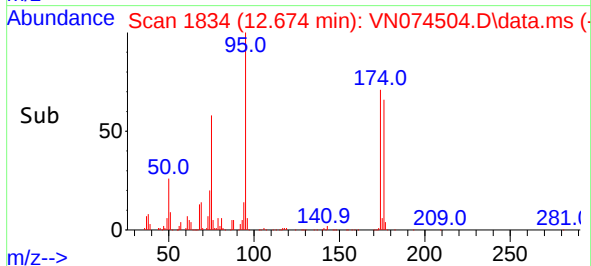
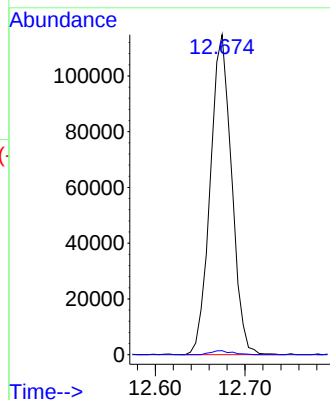
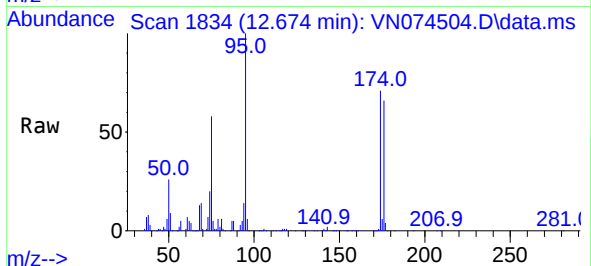




#76
1,2,3-Trichloropropane
Concen: 21.062 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

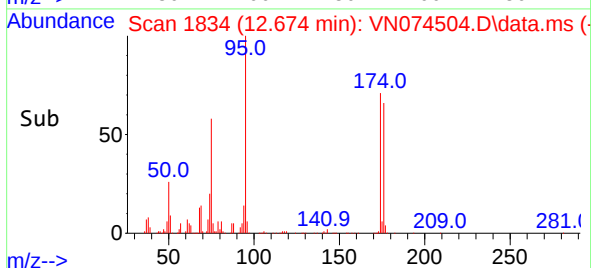
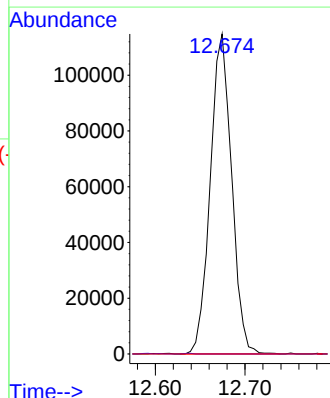
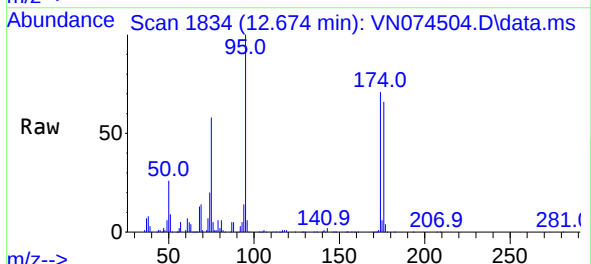
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-TB-20220909RE

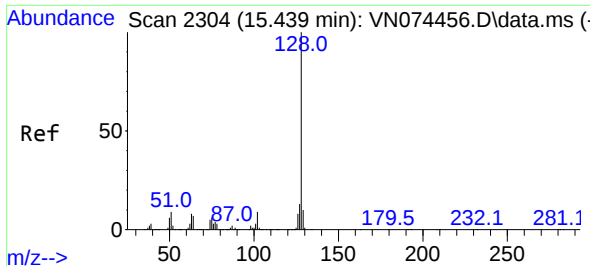
Tgt Ion: 75 Resp: 189922
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 45.459 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

Tgt Ion: 75 Resp: 189922
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

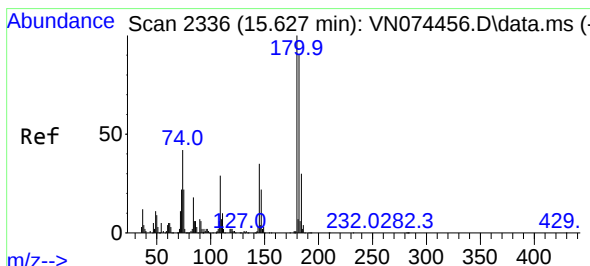
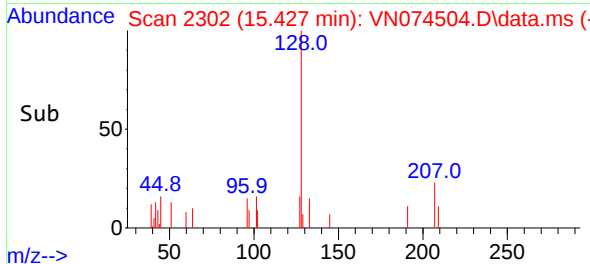
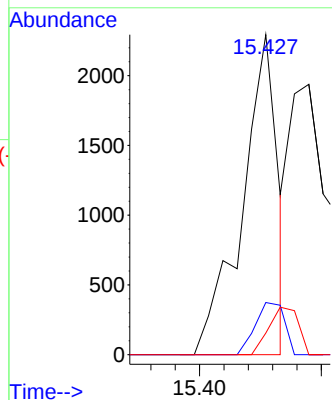
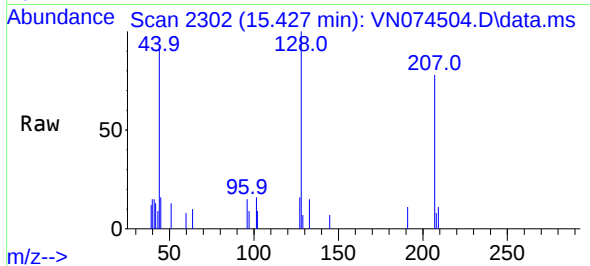




#95
Naphthalene
Concen: 1.679 ug/l
RT: 15.427 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

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

Tgt Ion:	128	Resp:	2339
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	12.2	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.485 ug/l
RT: 15.651 min Scan# 2340
Delta R.T. 0.024 min
Lab File: VN074504.D
Acq: 16 Sep 2022 12:43

Tgt Ion:	180	Resp:	919
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.3#
145	0.0	15.5	46.5#

