

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074675.D
 Acq On : 30 Sep 2022 18:29
 Operator : JC\MD
 Sample : N4933-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-658-660

Quant Time: Oct 03 02:07:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:44:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.933	168	567237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.827	114	1060629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.621	117	1120977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	514585	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	696288	48.978	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.960%
35) Dibromofluoromethane	7.869	113	581778	51.823	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.640%
50) Toluene-d8	10.310	98	2304075	48.793	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.580%
62) 4-Bromofluorobenzene	12.604	95	769600	51.398	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.800%

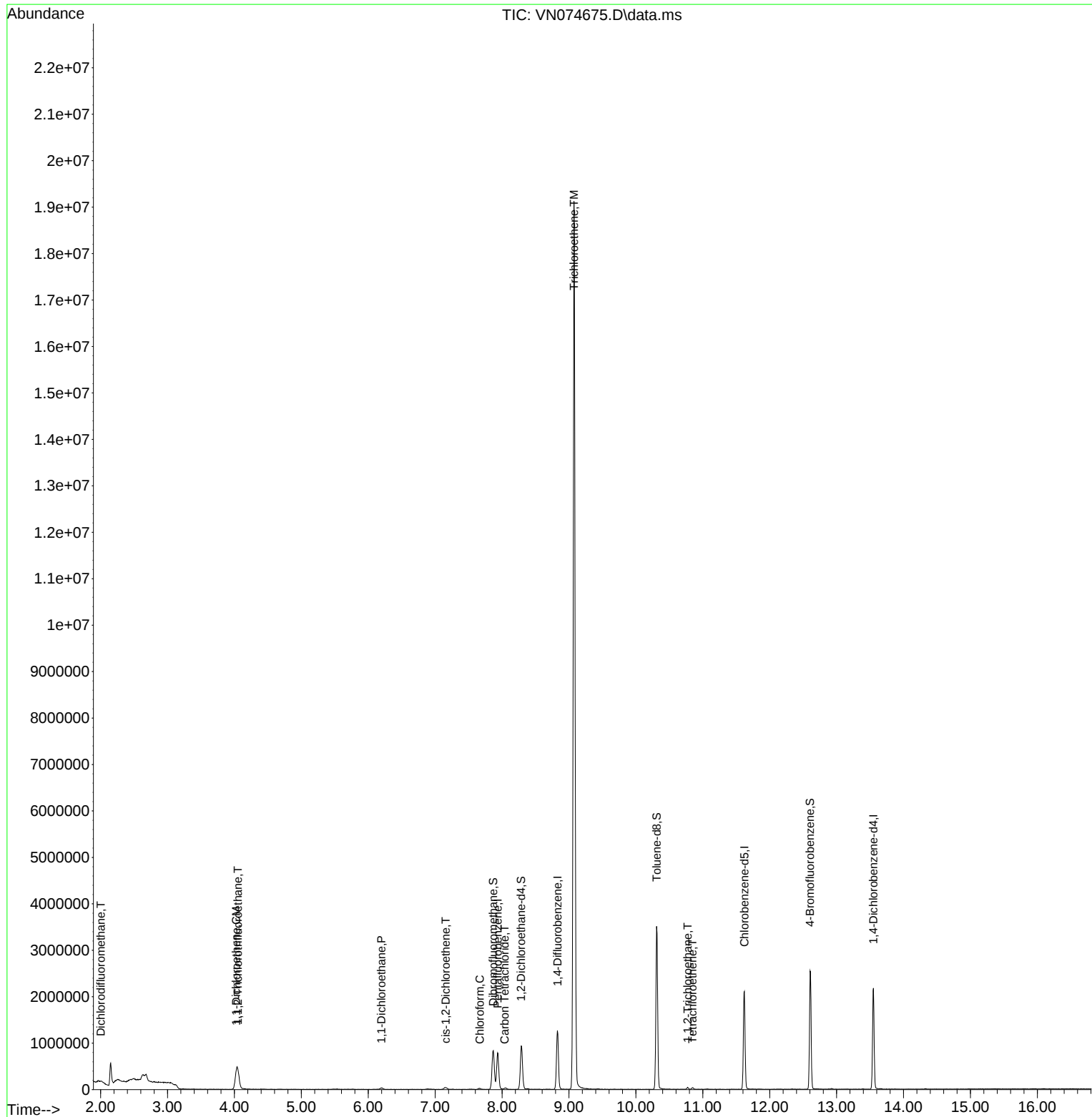
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.004	85	4487	0.378	ug/l #	60
9) 1,1,2-Trichlorotrifluo...	4.051	101	219599	21.010	ug/l	88
12) 1,1-Dichloroethene	4.028	96	147217	13.896	ug/l	95
24) 1,1-Dichloroethane	6.198	63	38753	1.631	ug/l #	92
27) cis-1,2-Dichloroethene	7.157	96	22022	1.556	ug/l	85
30) Chloroform	7.669	83	20285	0.927	ug/l #	71
38) Carbon Tetrachloride	8.039	117	17679	1.073	ug/l #	54
44) Trichloroethene	9.075	130	5753090	498.327	ug/l	91
55) 1,1,2-Trichloroethane	10.774	97	12999	0.964	ug/l #	85
64) Tetrachloroethene	10.845	164	6469	0.683	ug/l #	65

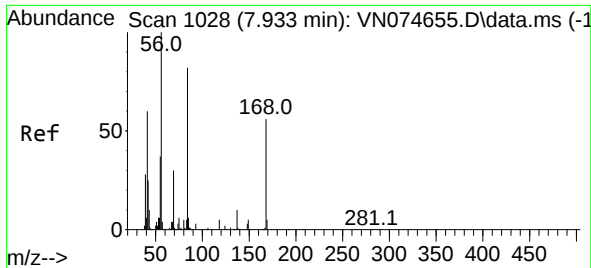
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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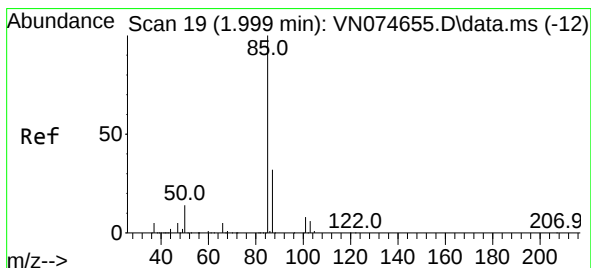
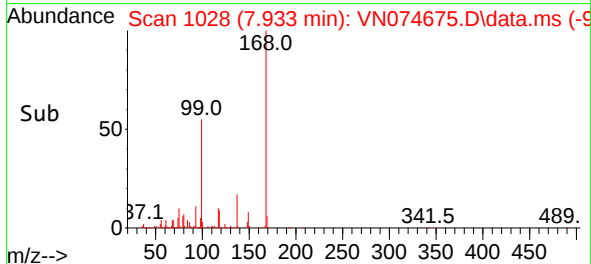
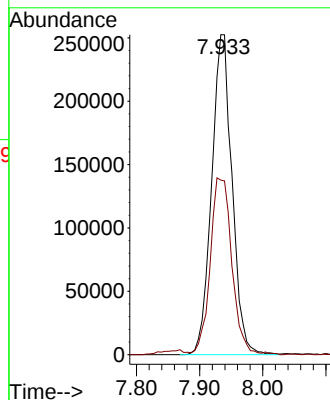
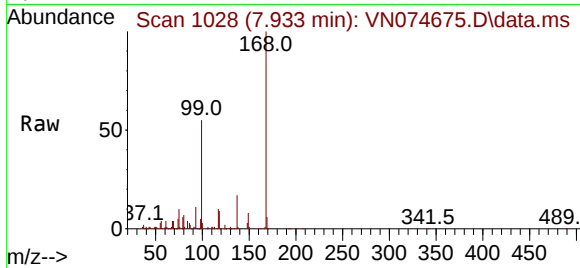




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.933 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN074675.D
Acq: 30 Sep 2022 18:29

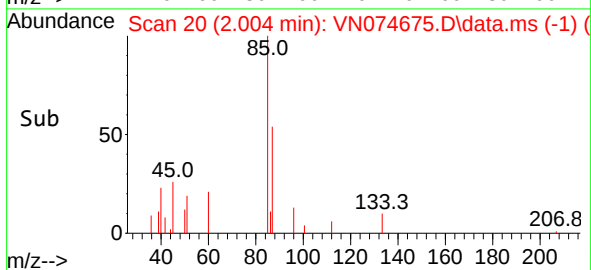
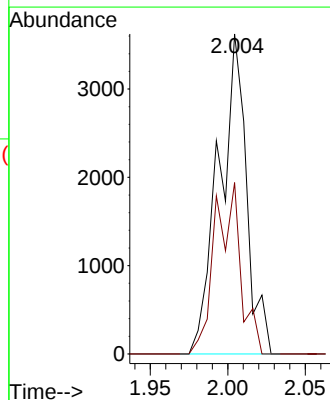
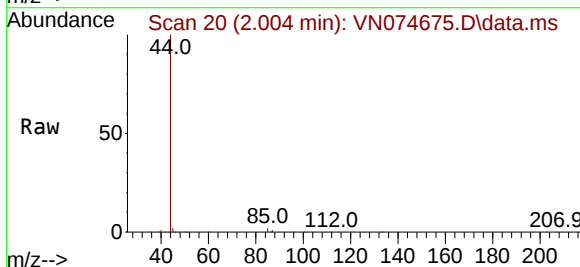
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-658-660

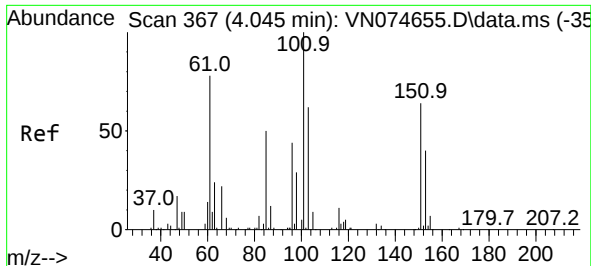
Tgt Ion:168 Resp: 567237
Ion Ratio Lower Upper
168 100
99 54.6 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 0.378 ug/l
RT: 2.004 min Scan# 20
Delta R.T. 0.005 min
Lab File: VN074675.D
Acq: 30 Sep 2022 18:29

Tgt Ion: 85 Resp: 4487
Ion Ratio Lower Upper
85 100
87 53.6 15.7 47.1#

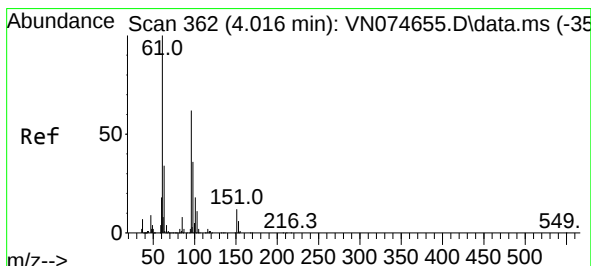
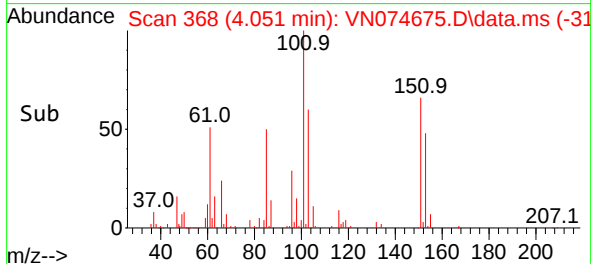
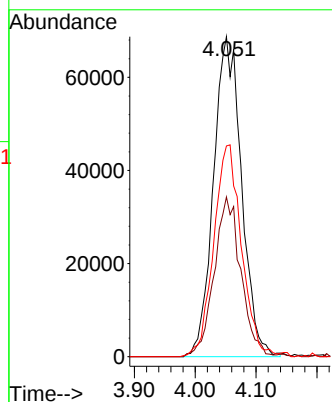
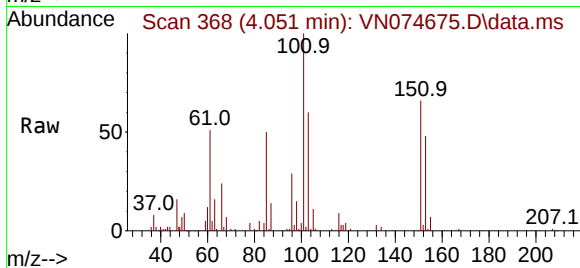




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.010 ug/l
RT: 4.051 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN074675.D
Acq: 30 Sep 2022 18:29

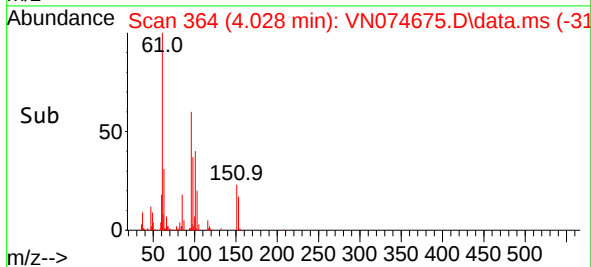
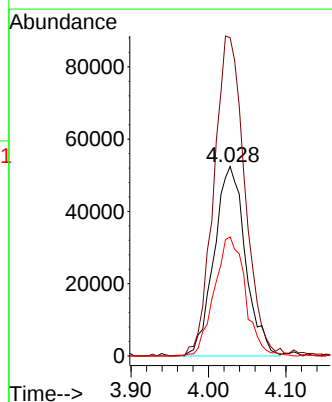
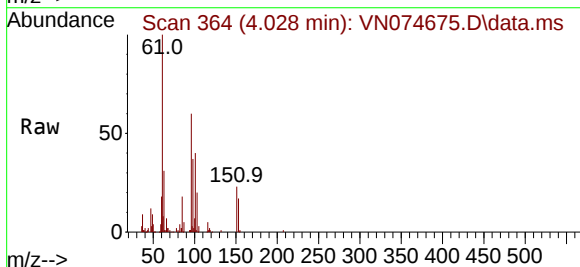
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-658-660

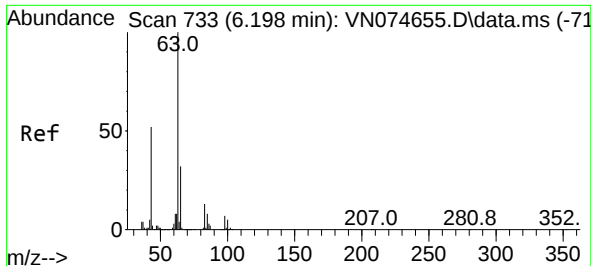
Tgt Ion:101 Resp: 219599
Ion Ratio Lower Upper
101 100
85 47.5 34.7 52.1
151 65.4 63.0 94.4



#12
1,1-Dichloroethene
Concen: 13.896 ug/l
RT: 4.028 min Scan# 364
Delta R.T. 0.012 min
Lab File: VN074675.D
Acq: 30 Sep 2022 18:29

Tgt Ion: 96 Resp: 147217
Ion Ratio Lower Upper
96 100
61 167.6 127.6 191.4
98 62.5 51.2 76.8

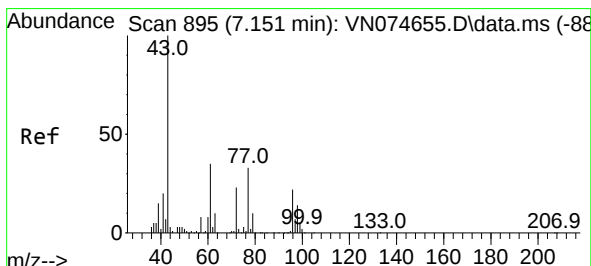
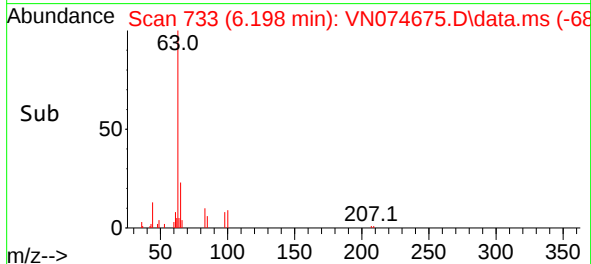
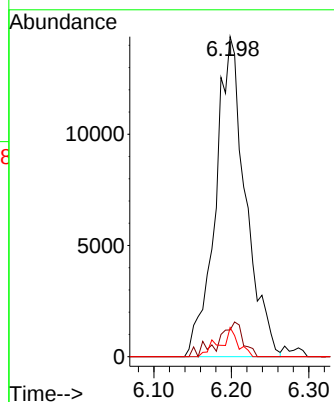
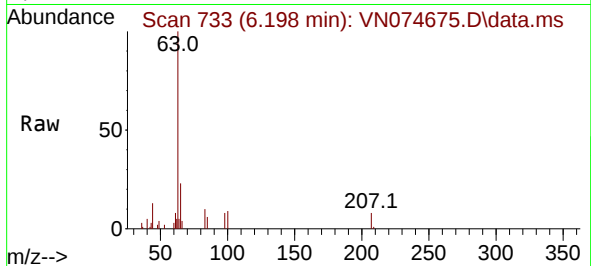




#24
 1,1-Dichloroethane
 Concen: 1.631 ug/l
 RT: 6.198 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN074675.D
 Acq: 30 Sep 2022 18:29

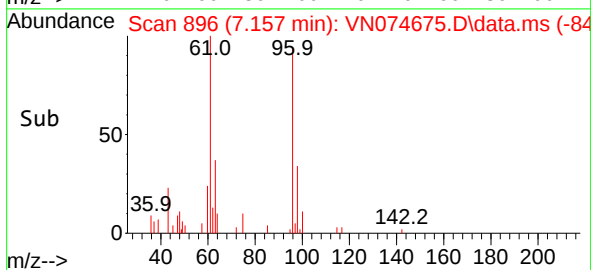
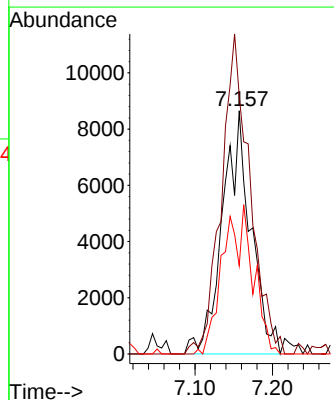
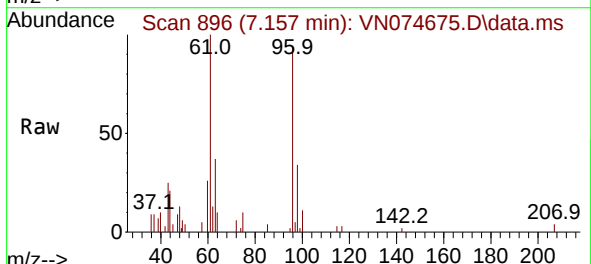
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-658-660

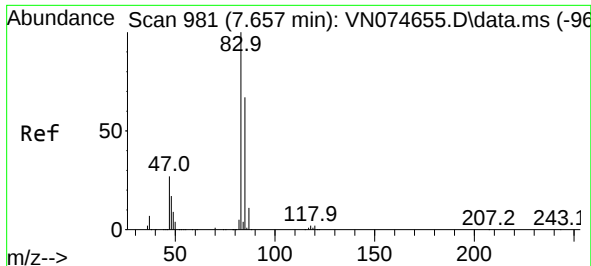
Tgt Ion: 63 Resp: 38753
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.5 10.4
 100 9.1 2.3 6.8#



#27
 cis-1,2-Dichloroethene
 Concen: 1.556 ug/l
 RT: 7.157 min Scan# 896
 Delta R.T. 0.006 min
 Lab File: VN074675.D
 Acq: 30 Sep 2022 18:29

Tgt Ion: 96 Resp: 22022
 Ion Ratio Lower Upper
 96 100
 61 132.4 0.0 280.6
 98 36.8 0.0 128.4

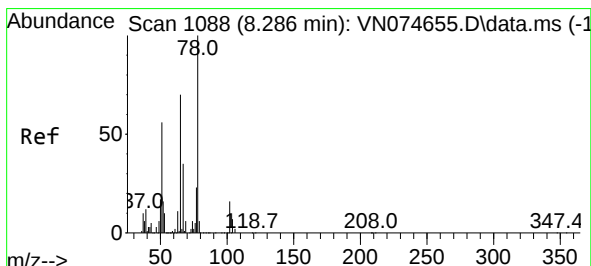
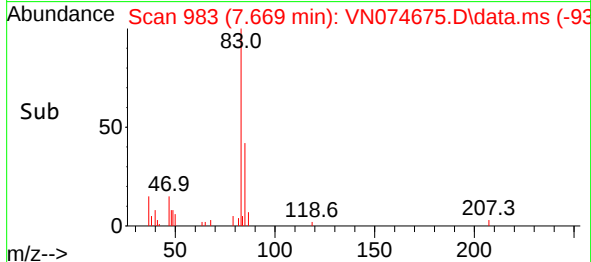
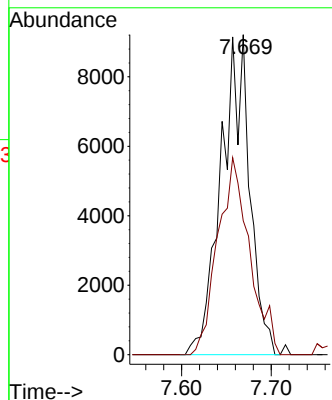
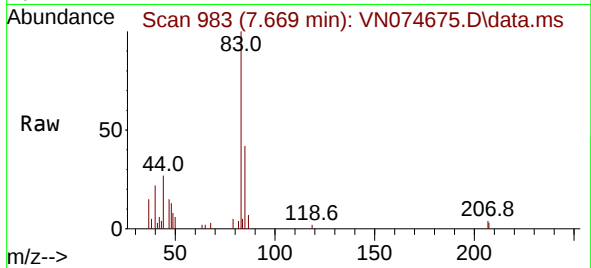




#30
Chloroform
Concen: 0.927 ug/l
RT: 7.669 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN074675.D
Acq: 30 Sep 2022 18:29

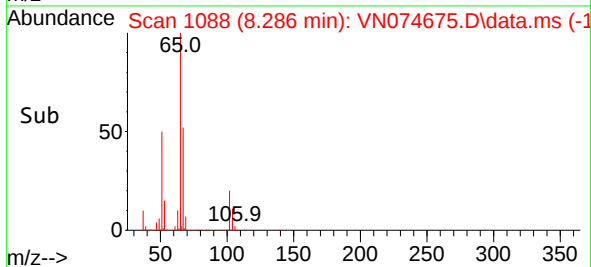
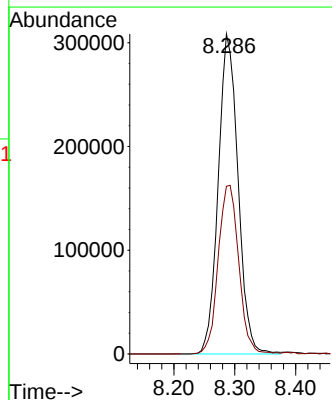
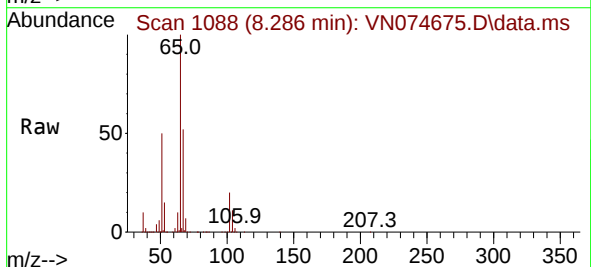
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-658-660

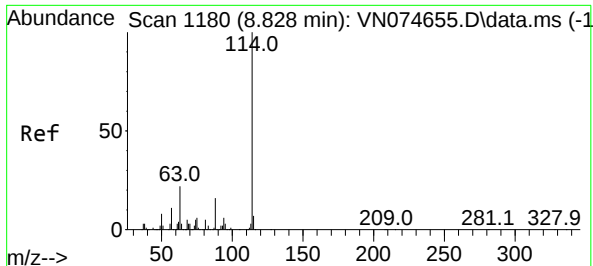
Tgt Ion: 83 Resp: 20285
Ion Ratio Lower Upper
83 100
85 41.9 51.8 77.8#



#33
1,2-Dichloroethane-d4
Concen: 48.978 ug/l
RT: 8.286 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN074675.D
Acq: 30 Sep 2022 18:29

Tgt Ion: 65 Resp: 696288
Ion Ratio Lower Upper
65 100
67 54.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.827 min Scan# 1180

Delta R.T. -0.001 min

Lab File: VN074675.D

Acq: 30 Sep 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-GW-658-660

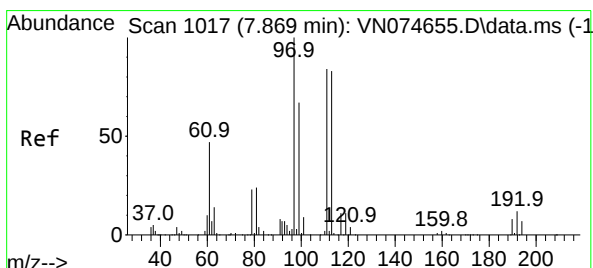
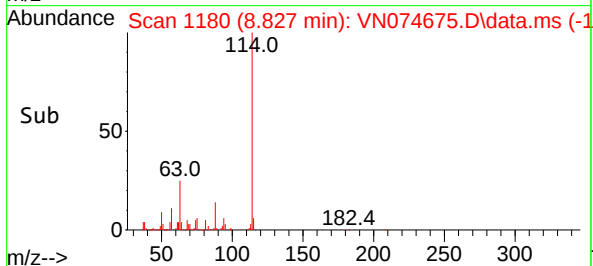
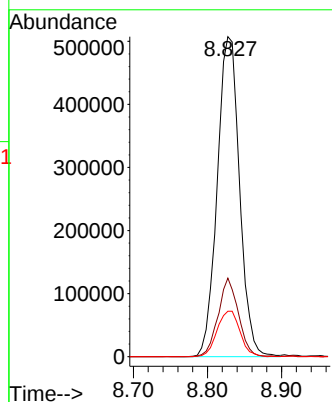
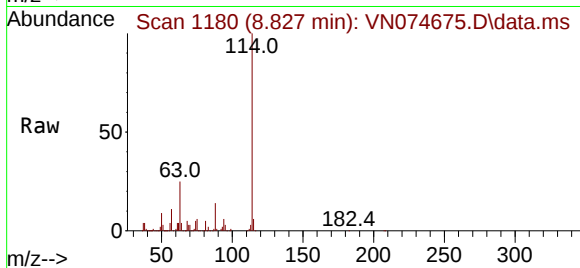
Tgt Ion:114 Resp: 1060629

Ion Ratio Lower Upper

114 100

63 24.6 0.0 40.0

88 14.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.823 ug/l

RT: 7.869 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VN074675.D

Acq: 30 Sep 2022 18:29

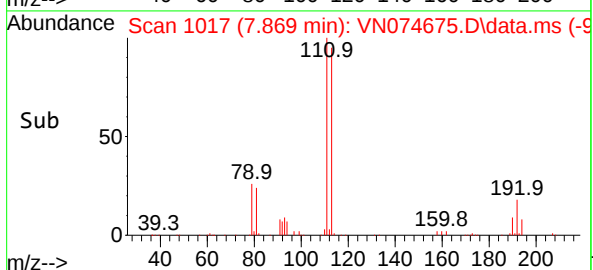
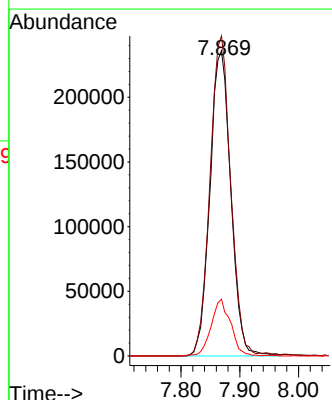
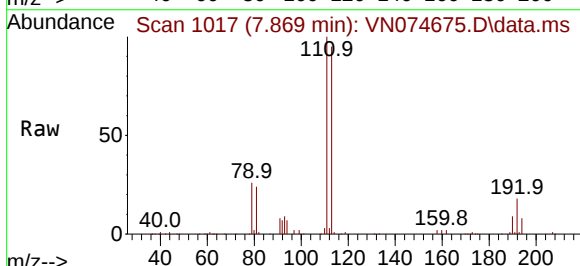
Tgt Ion:113 Resp: 581778

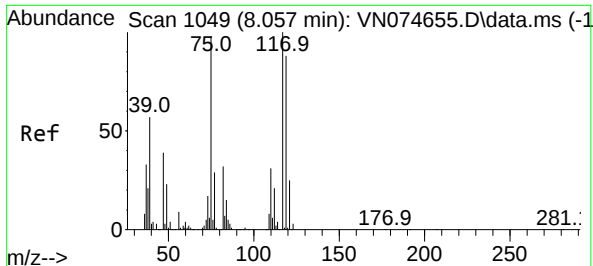
Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 17.3 17.0 25.6

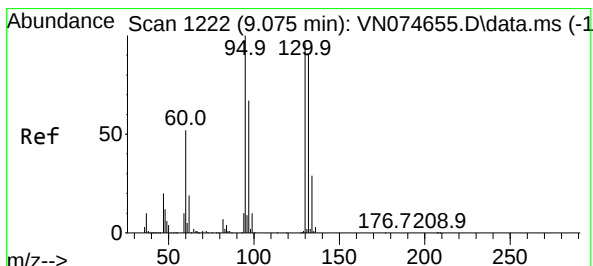
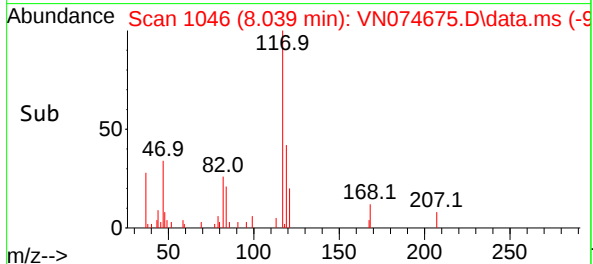
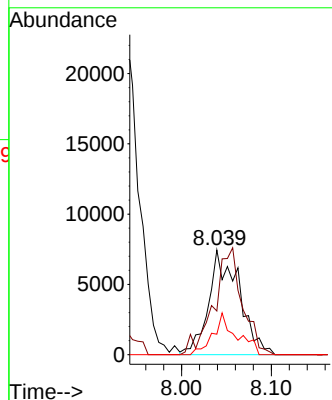
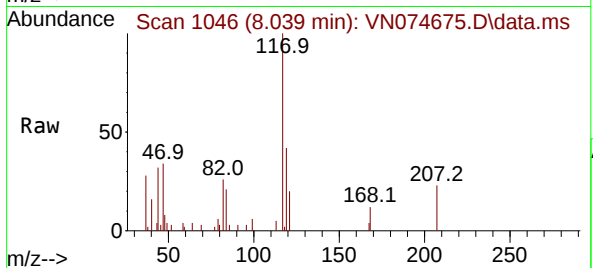




#38
Carbon Tetrachloride
Concen: 1.073 ug/l
RT: 8.039 min Scan# 1046
Delta R.T. -0.018 min
Lab File: VN074675.D
Acq: 30 Sep 2022 18:29

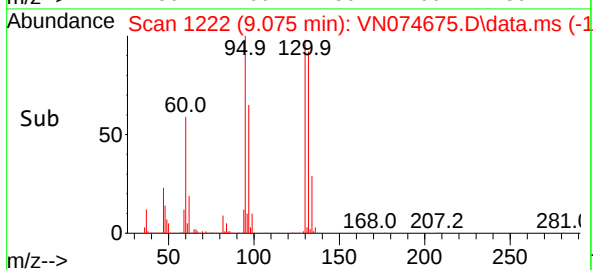
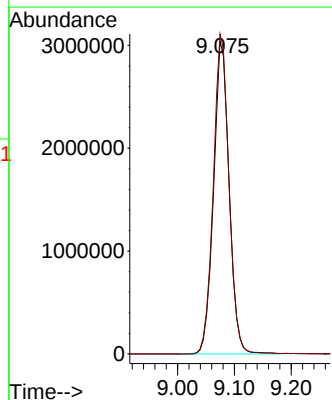
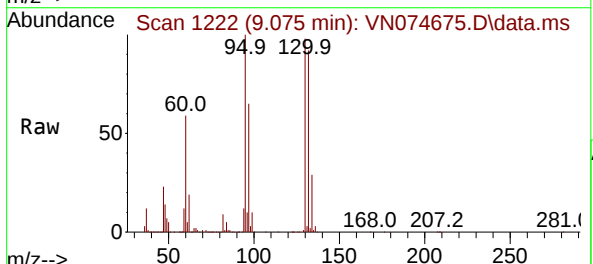
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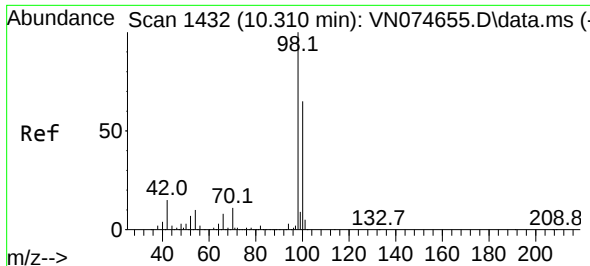
Tgt Ion:117 Resp: 17679
Ion Ratio Lower Upper
117 100
119 41.8 75.8 113.8#
121 19.6 24.6 37.0#



#44
Trichloroethene
Concen: 498.327 ug/l
RT: 9.075 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VN074675.D
Acq: 30 Sep 2022 18:29

Tgt Ion:130 Resp: 5753090
Ion Ratio Lower Upper
130 100
95 102.3 0.0 186.8

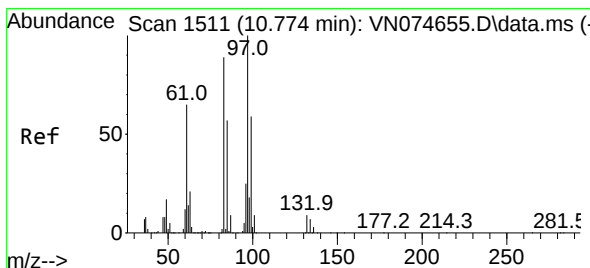
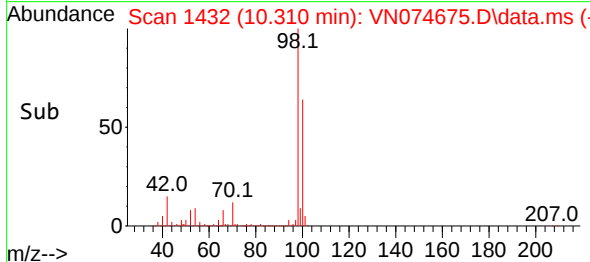
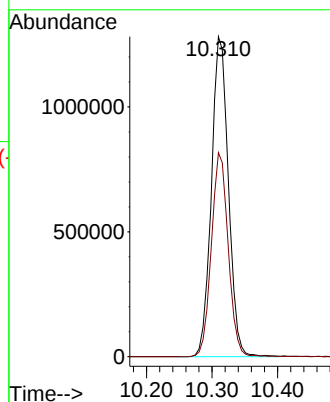
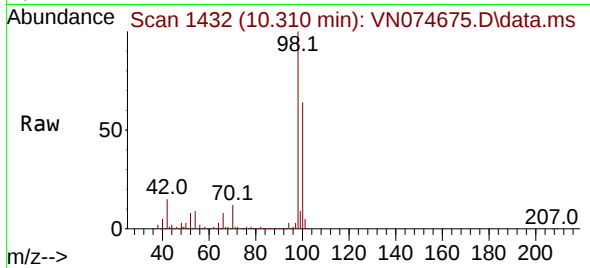




#50
Toluene-d8
Concen: 48.793 ug/l
RT: 10.310 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VN074675.D
Acq: 30 Sep 2022 18:29

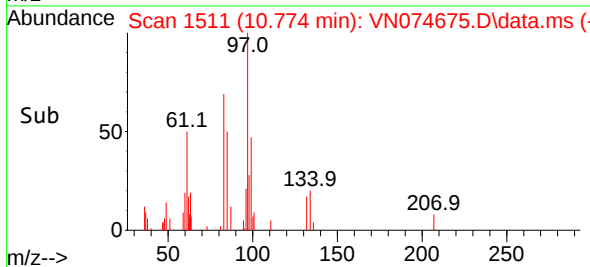
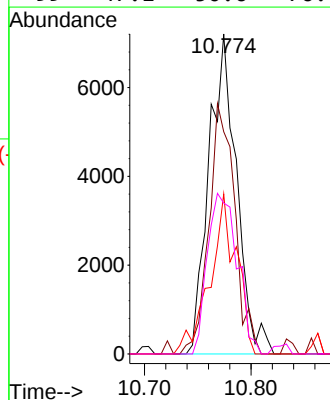
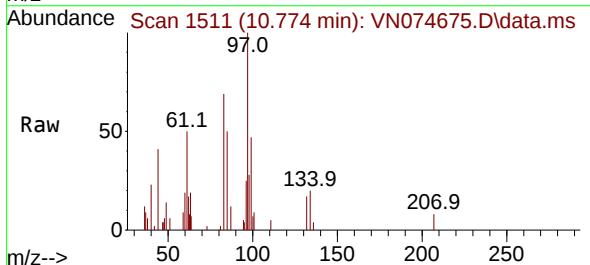
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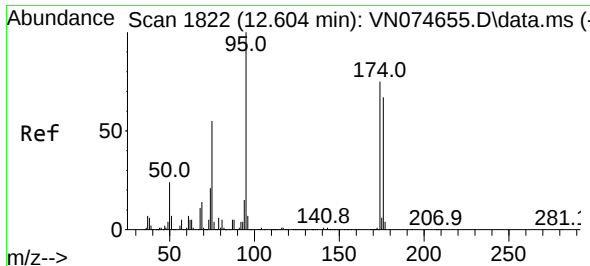
Tgt Ion: 98 Resp: 2304075
Ion Ratio Lower Upper
98 100
100 63.1 52.6 78.8



#55
1,1,2-Trichloroethane
Concen: 0.964 ug/l
RT: 10.774 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN074675.D
Acq: 30 Sep 2022 18:29

Tgt Ion: 97 Resp: 12999
Ion Ratio Lower Upper
97 100
83 69.4 66.2 99.4
85 50.0 43.9 65.9
99 47.1 50.6 76.0#

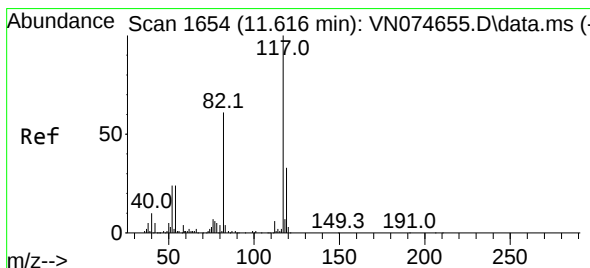
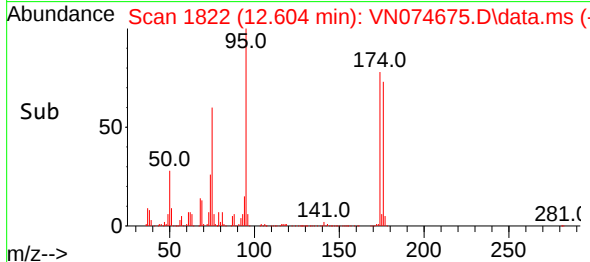
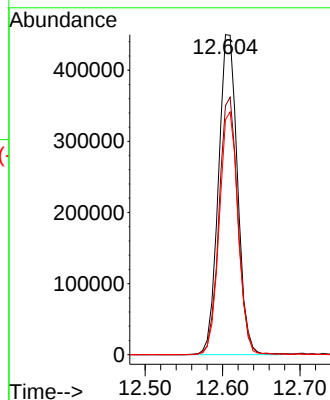
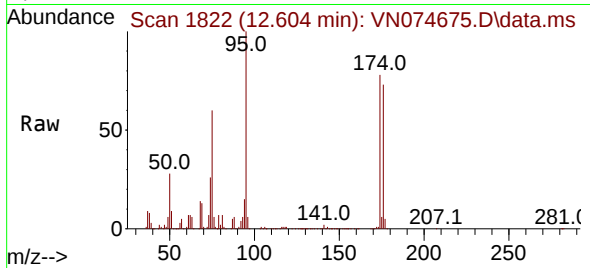




#62
4-Bromofluorobenzene
Concen: 51.398 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN074675.D
Acq: 30 Sep 2022 18:29

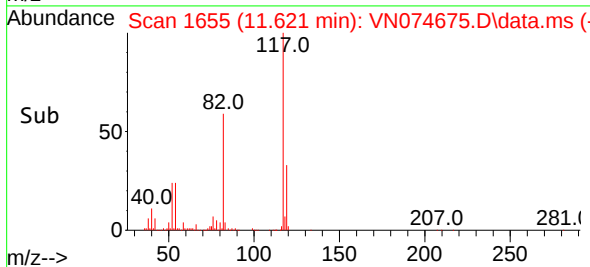
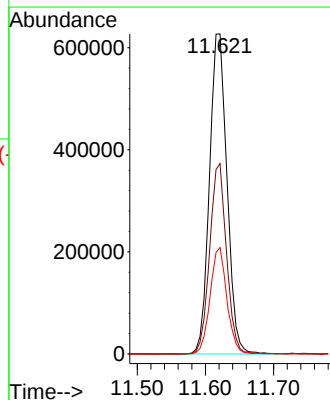
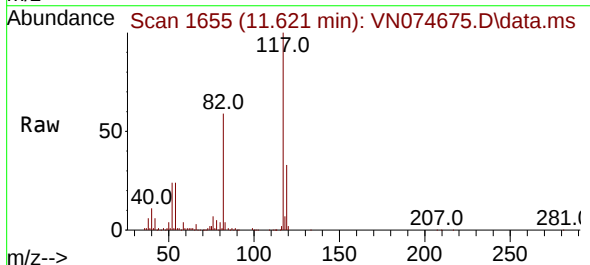
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-658-660

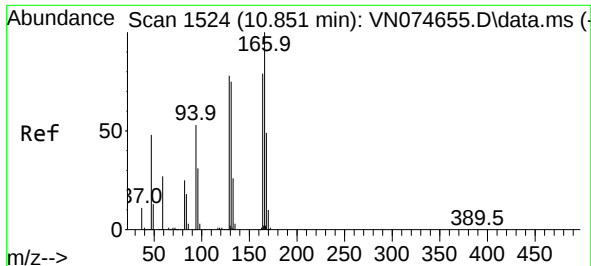
Tgt Ion: 95 Resp: 769600
Ion Ratio Lower Upper
95 100
174 79.1 0.0 167.6
176 74.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.621 min Scan# 1655
Delta R.T. 0.005 min
Lab File: VN074675.D
Acq: 30 Sep 2022 18:29

Tgt Ion: 117 Resp: 1120977
Ion Ratio Lower Upper
117 100
82 59.5 44.2 66.2
119 33.2 25.4 38.0

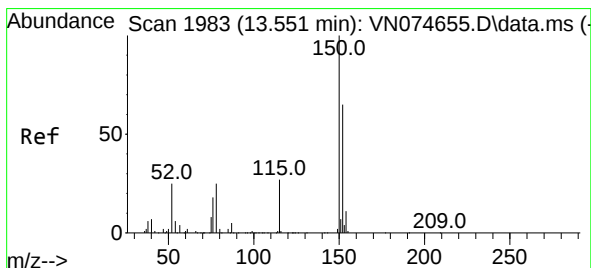
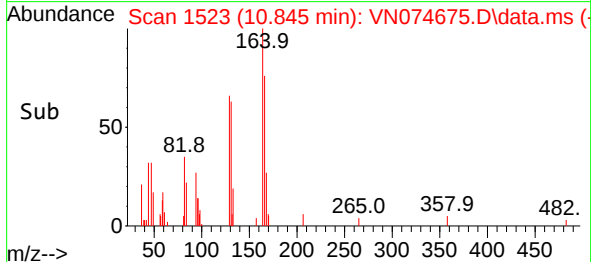
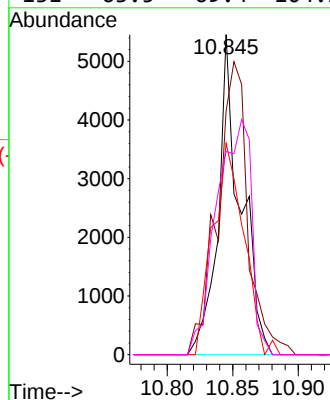
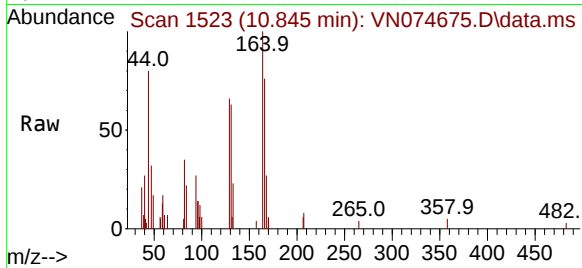




#64
Tetrachloroethene
Concen: 0.683 ug/l
RT: 10.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074675.D
Acq: 30 Sep 2022 18:29

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-658-660

Tgt Ion:164 Resp: 6469
Ion Ratio Lower Upper
164 100
166 76.1 104.2 156.2#
129 66.0 73.9 110.9#
131 63.5 69.4 104.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN074675.D
Acq: 30 Sep 2022 18:29

Tgt Ion:152 Resp: 514585
Ion Ratio Lower Upper
152 100
115 61.2 28.9 86.7
150 162.1 0.0 356.2

