

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
 Data File : VN074582.D
 Acq On : 19 Sep 2022 13:36
 Operator : JC\MD
 Sample : N4647-06DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 20 04:19:15 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)

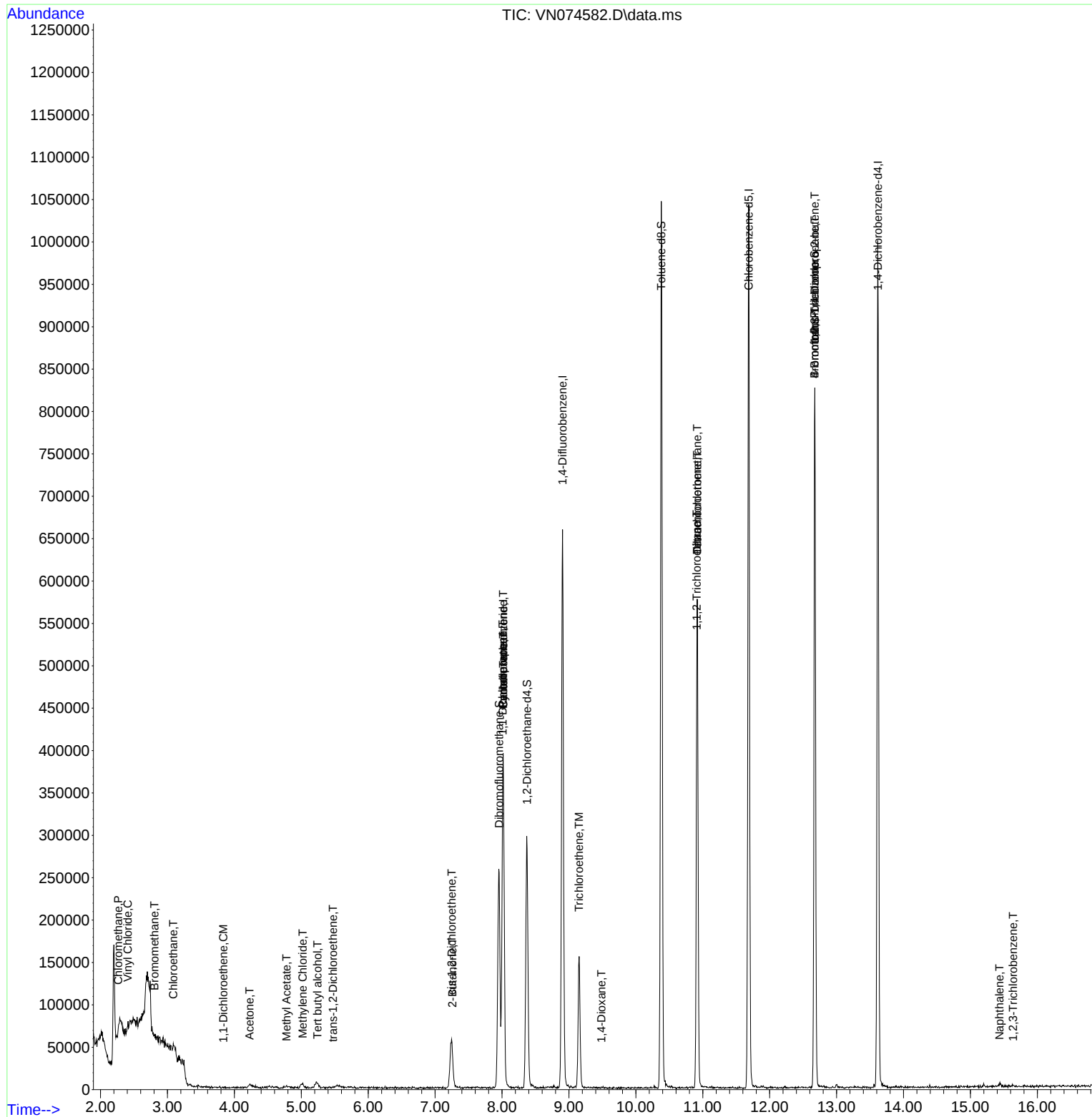
Internal Standards						
1) Pentafluorobenzene	8.016	168	282029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	537197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	526101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	227041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	220257	46.028	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.060%
35) Dibromofluoromethane	7.957	113	180386	50.549	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.100%
50) Toluene-d8	10.381	98	657779	47.663	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.320%
62) 4-Bromofluorobenzene	12.669	95	245567	51.953	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.900%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	3234	0.882	ug/l #	8
4) Vinyl Chloride	2.405	62	1465	0.265	ug/l #	43
5) Bromomethane	2.805	94	1222	0.419	ug/l #	41
6) Chloroethane	3.087	64	34491	9.139	ug/l #	50
11) Tert butyl alcohol	5.240	59	1635	1.049	ug/l #	72
12) 1,1-Dichloroethene	3.834	96	86	0.707	ug/l #	1
16) Acetone	4.228	43	6358	2.076	ug/l #	79
18) Methyl Acetate	4.781	43	3635	0.382	ug/l #	69
20) Methylene Chloride	5.022	84	2188	0.499	ug/l #	77
21) trans-1,2-Dichloroethene	5.475	96	53	0.442	ug/l #	1
25) 2-Butanone	7.257	43	1673	0.329	ug/l #	45
27) cis-1,2-Dichloroethene	7.245	96	20117	3.852	ug/l	94
28) Bromochloromethane	7.363	49	62	Below Cal	#	8
31) Cyclohexane	8.016	56	9003	1.060	ug/l #	55
36) 1,1-Dichloropropene	8.010	75	26746	4.234	ug/l #	43
38) Carbon Tetrachloride	8.016	117	30595	5.246	ug/l #	15
44) Trichloroethene	9.151	130	47661	11.277	ug/l	87
49) 1,4-Dioxane	9.486	88	83	0.637	ug/l #	1
55) 1,1,2-Trichloroethane	10.910	97	1240	0.256	ug/l #	25
60) Dibromochloromethane	10.916	129	110251	23.739	ug/l #	11
64) Tetrachloroethene	10.916	164	109266	30.263	ug/l	91
71) Bromoform	12.669	173	1826	0.518	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	150448	21.528	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	150448	46.464	ug/l #	10
95) Naphthalene	15.433	128	3334	1.755	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.639	180	624	1.467	ug/l #	19

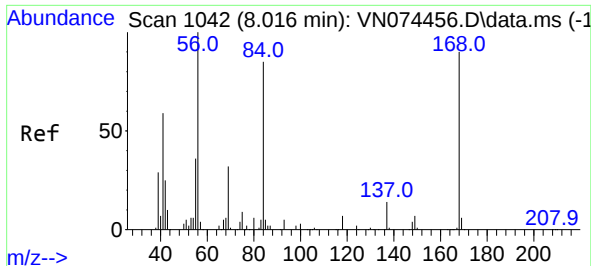
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
Data File : VN074582.D
Acq On : 19 Sep 2022 13:36
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Sample : N4647-06DL 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

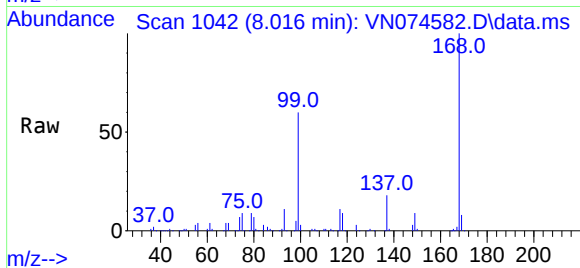
Quant Time: Sep 20 04:19:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration



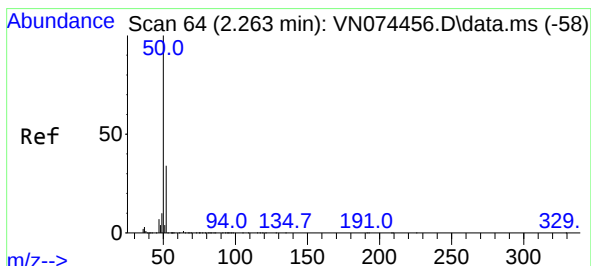
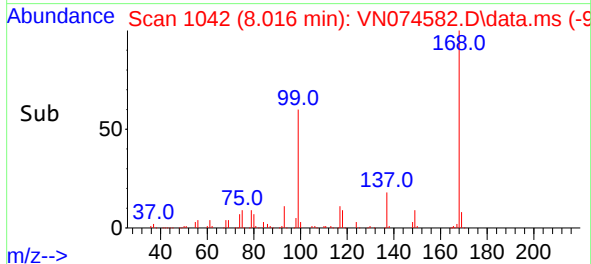
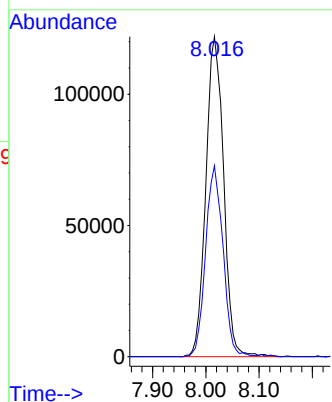


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :

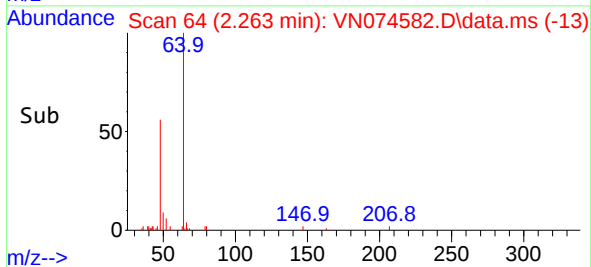
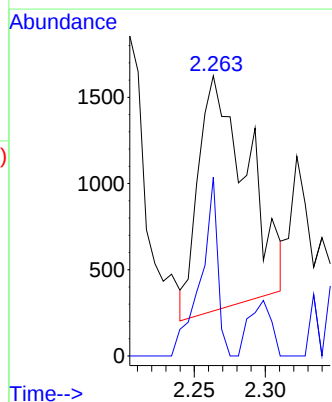
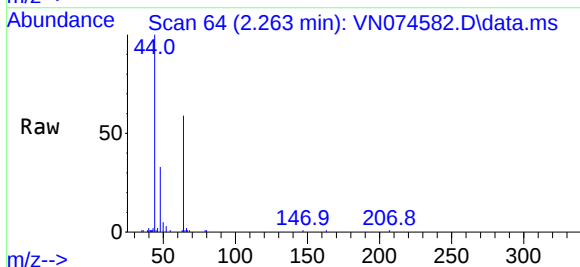


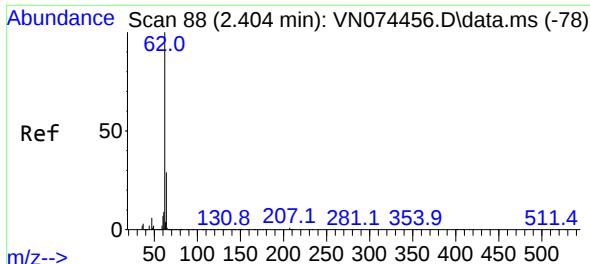
Tgt Ion:168 Resp: 282029
Ion Ratio Lower Upper
168 100
99 59.7 42.3 63.5



#3
Chloromethane
Concen: 0.882 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

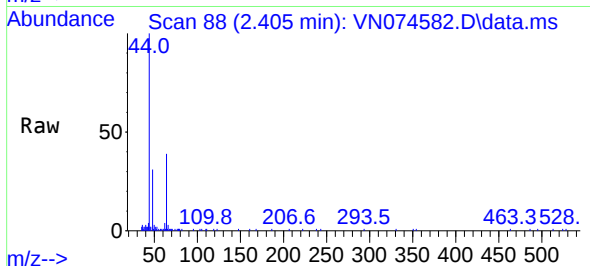
Tgt Ion: 50 Resp: 3234
Ion Ratio Lower Upper
50 100
52 83.4 25.7 38.5#



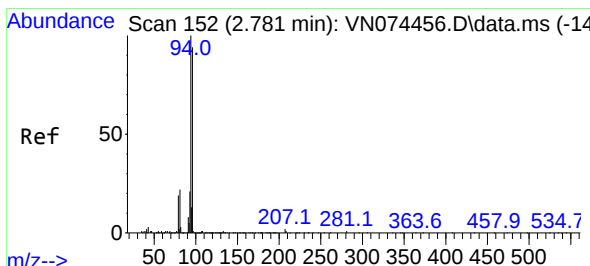
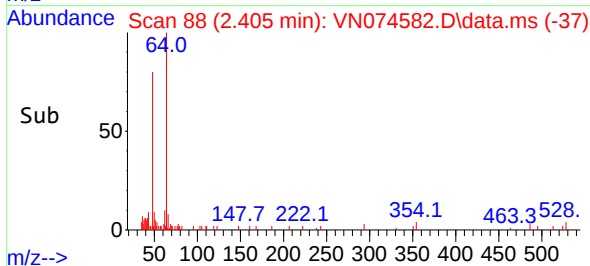
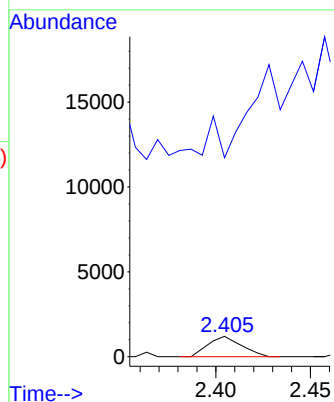


#4
 Vinyl Chloride
 Concen: 0.265 ug/l
 RT: 2.405 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: VN074582.D
 Acq: 19 Sep 2022 13:36

Instrument :
 MSVOA_N
 ClientSampleId :

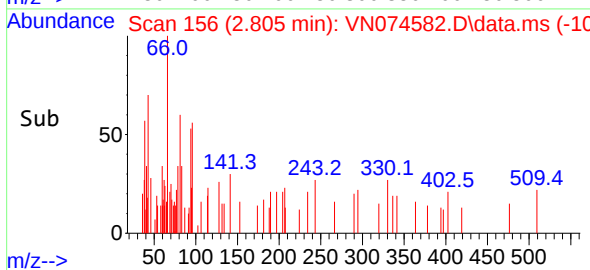
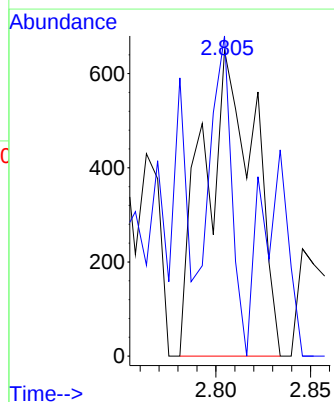
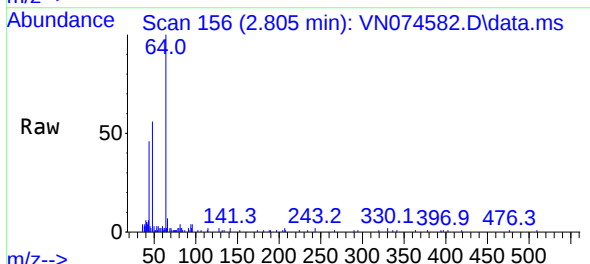


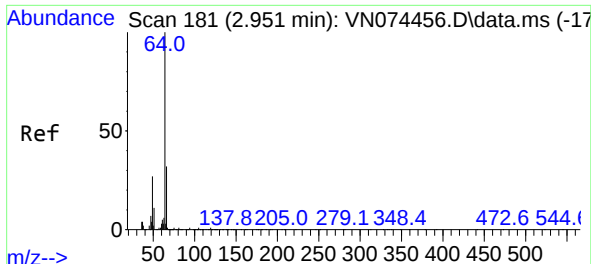
Tgt Ion: 62 Resp: 1465
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.4#



#5
 Bromomethane
 Concen: 0.419 ug/l
 RT: 2.805 min Scan# 156
 Delta R.T. 0.024 min
 Lab File: VN074582.D
 Acq: 19 Sep 2022 13:36

Tgt Ion: 94 Resp: 1222
 Ion Ratio Lower Upper
 94 100
 96 37.3 76.0 114.0#

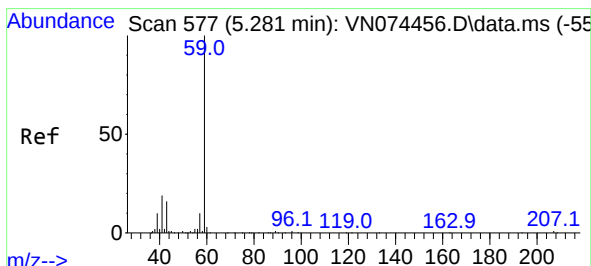
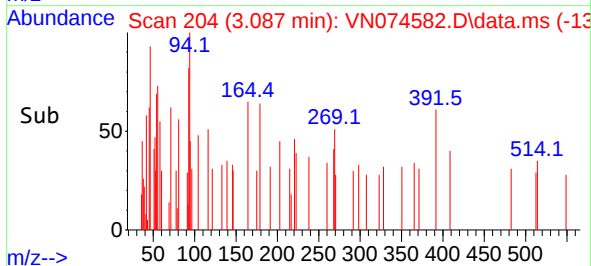
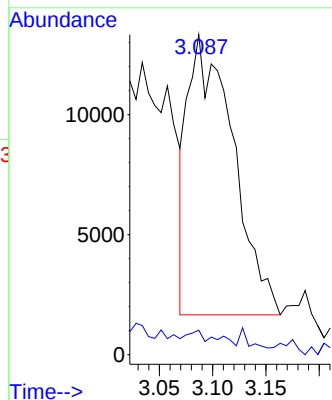
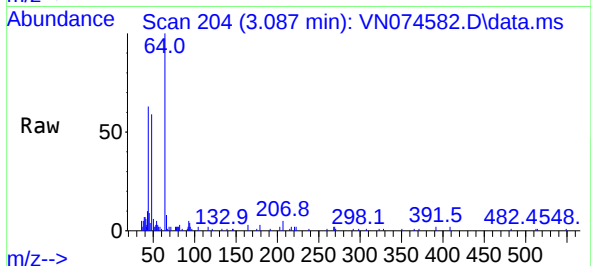




#6
Chloroethane
Concen: 9.139 ug/l
RT: 3.087 min Scan# 20
Delta R.T. 0.136 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

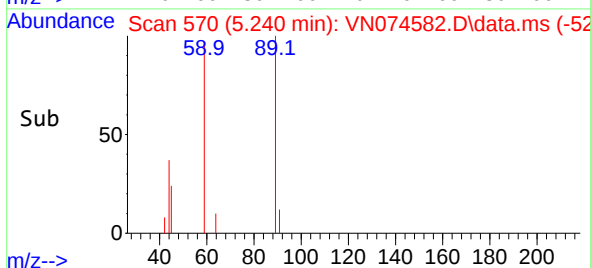
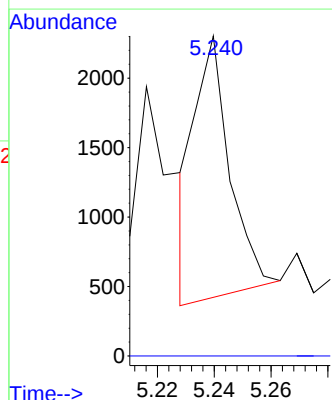
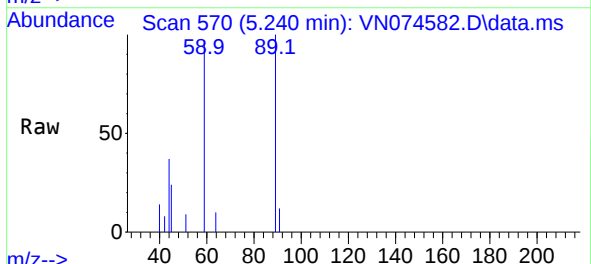
Instrument :
MSVOA_N
ClientSampleId :

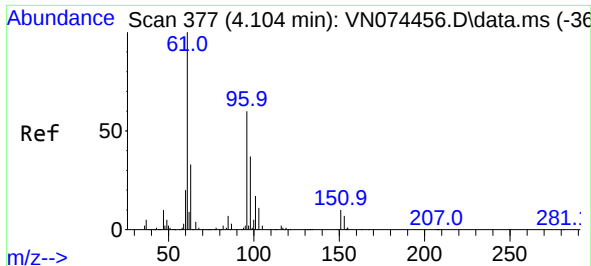
Tgt Ion: 64 Resp: 34491
Ion Ratio Lower Upper
64 100
66 4.7 26.2 39.4#



#11
Tert butyl alcohol
Concen: 1.049 ug/l
RT: 5.240 min Scan# 570
Delta R.T. -0.041 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

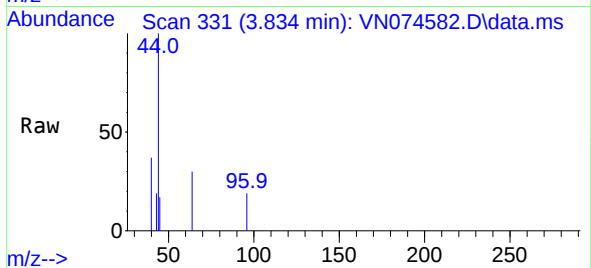
Tgt Ion: 59 Resp: 1635
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



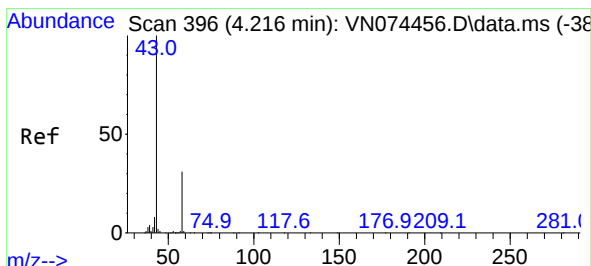
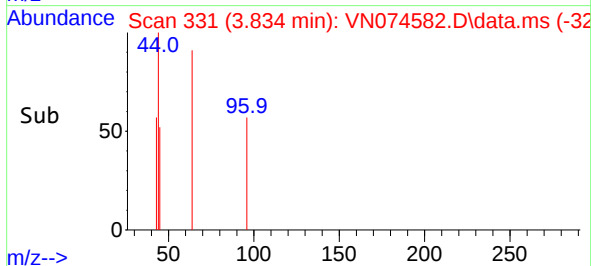
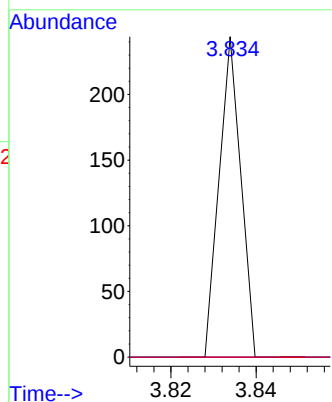


#12
1,1-Dichloroethene
Concen: 0.707 ug/l
RT: 3.834 min Scan# 31
Delta R.T. -0.270 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :

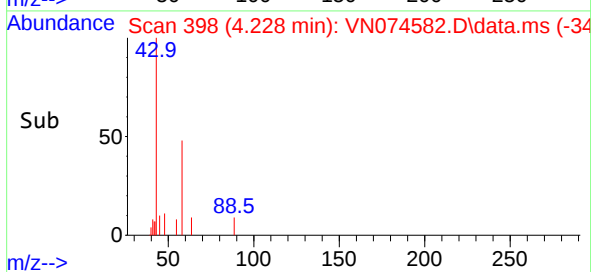
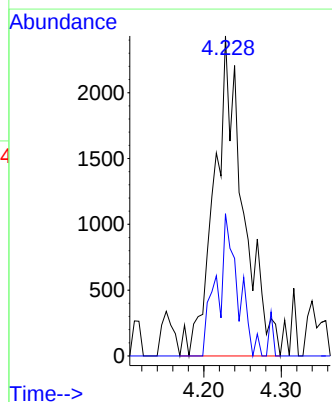
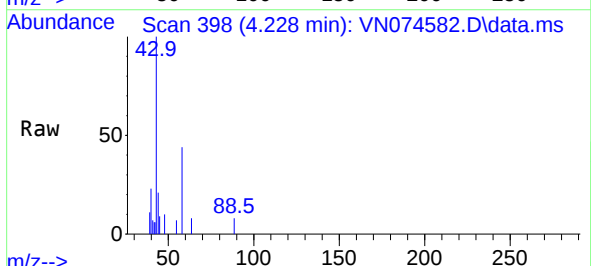


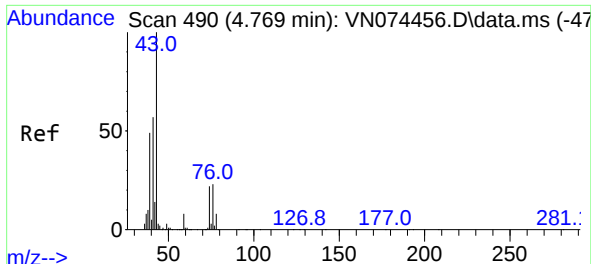
Tgt Ion: 96 Resp: 86
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#



#16
Acetone
Concen: 2.076 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.012 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

Tgt Ion: 43 Resp: 6358
Ion Ratio Lower Upper
43 100
58 44.5 26.0 39.0#

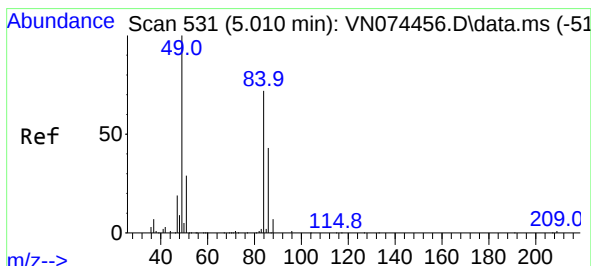
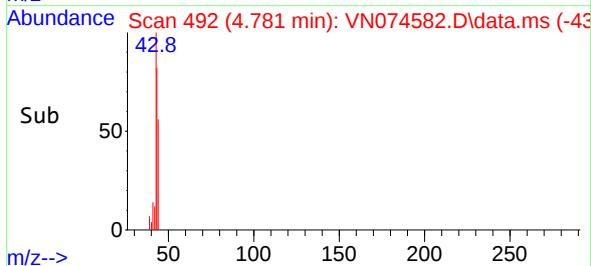
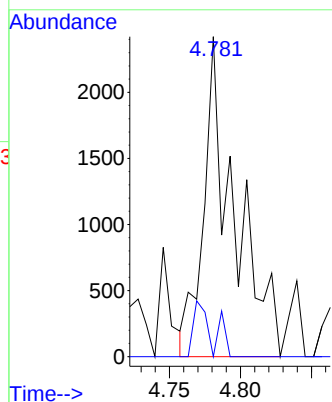
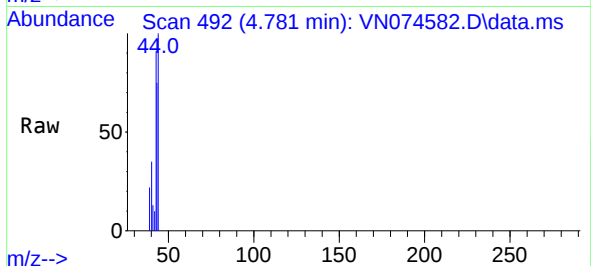




#18
Methyl Acetate
Concen: 0.382 ug/l
RT: 4.781 min Scan# 491
Delta R.T. 0.012 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

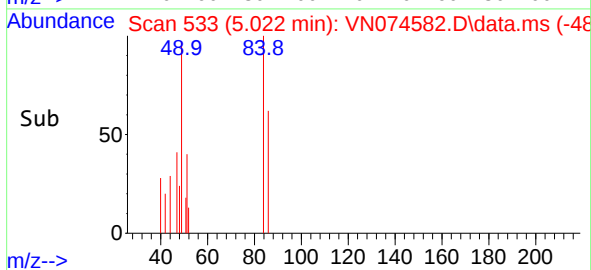
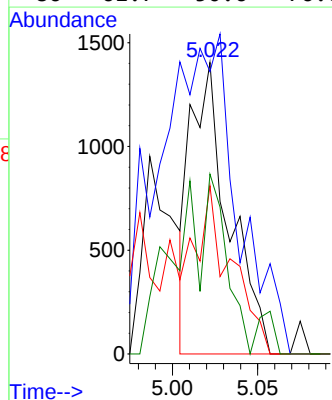
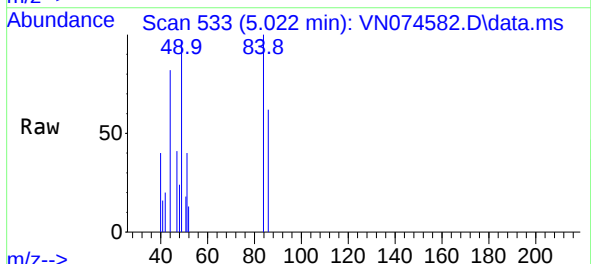
Instrument :
MSVOA_N
ClientSampleId :

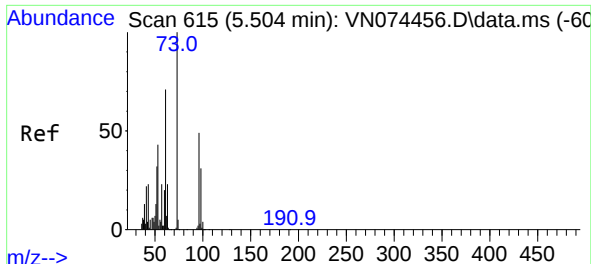
Tgt Ion: 43 Resp: 3635
Ion Ratio Lower Upper
43 100
74 10.7 21.6 32.4#



#20
Methylene Chloride
Concen: 0.499 ug/l
RT: 5.022 min Scan# 533
Delta R.T. 0.012 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

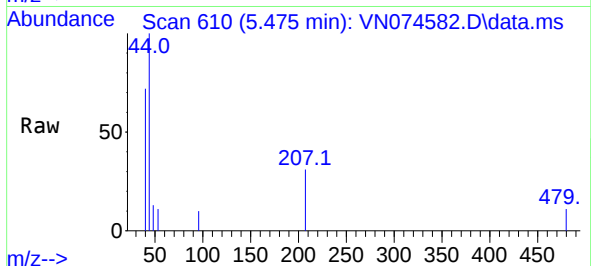
Tgt Ion: 84 Resp: 2188
Ion Ratio Lower Upper
84 100
49 79.5 88.3 132.5#
51 57.7 28.2 42.2#
86 61.7 50.6 76.0



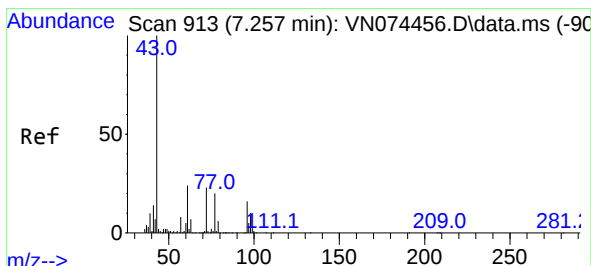
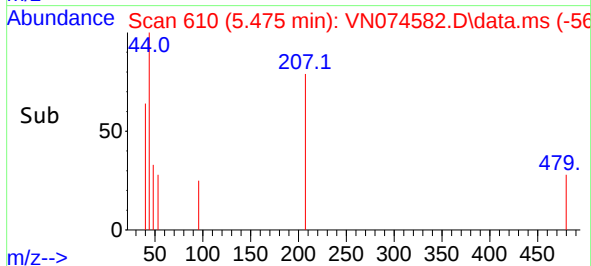
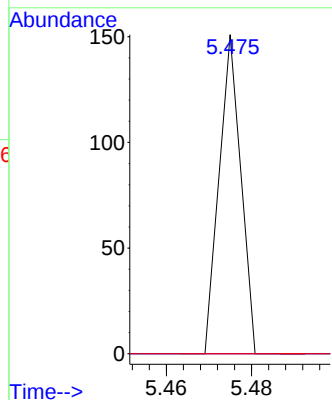


#21
trans-1,2-Dichloroethene
Concen: 0.442 ug/l
RT: 5.475 min Scan# 615
Delta R.T. -0.029 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

Instrument :
MSVOA_N
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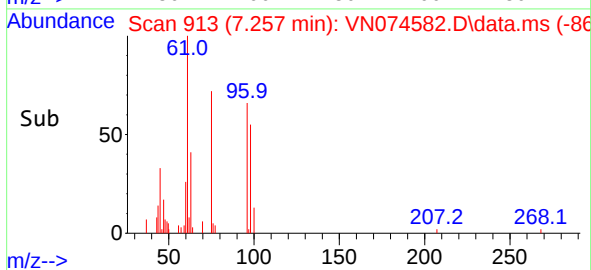
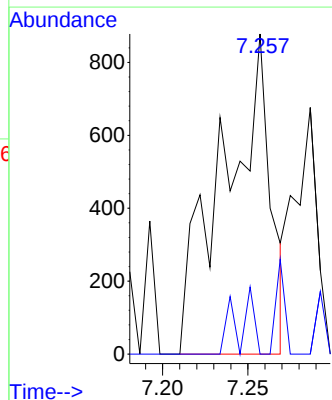
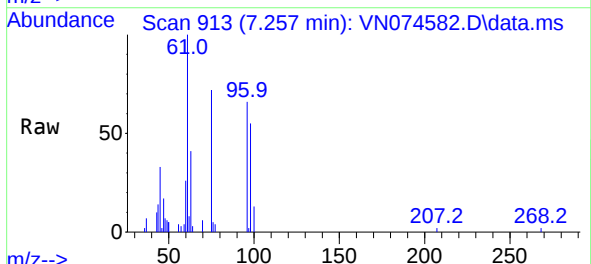


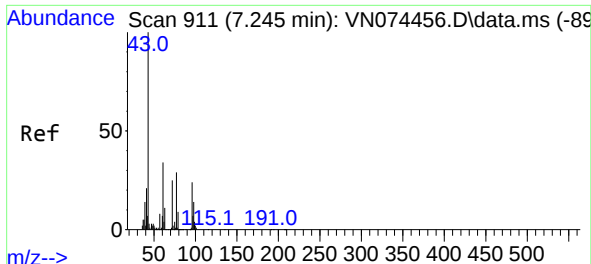
Tgt Ion: 96 Resp: 53
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#



#25
2-Butanone
Concen: 0.329 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

Tgt Ion: 43 Resp: 1673
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#

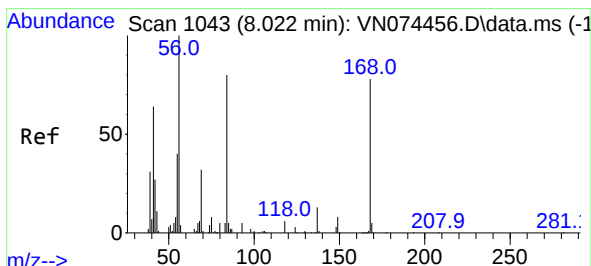
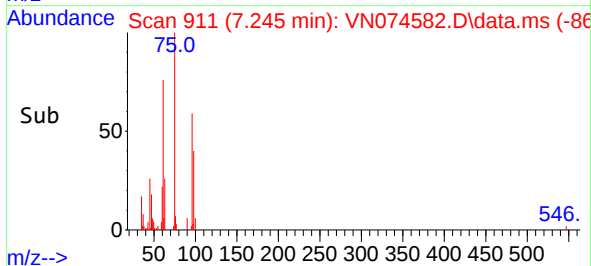
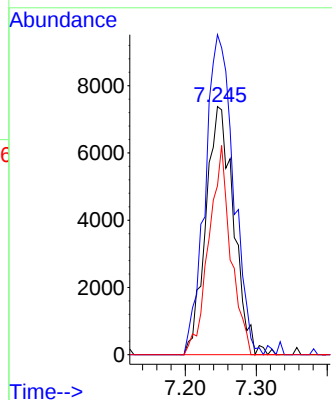
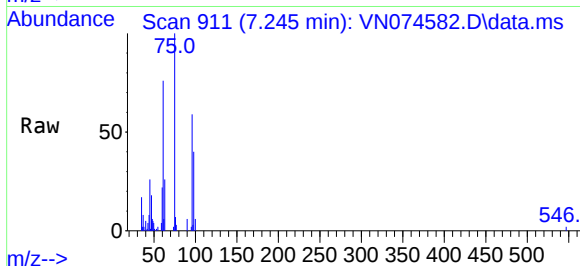




#27
 cis-1,2-Dichloroethene
 Concen: 3.852 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN074582.D
 Acq: 19 Sep 2022 13:36

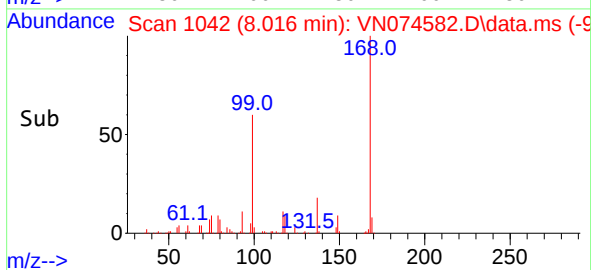
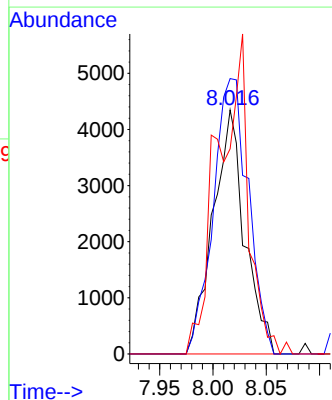
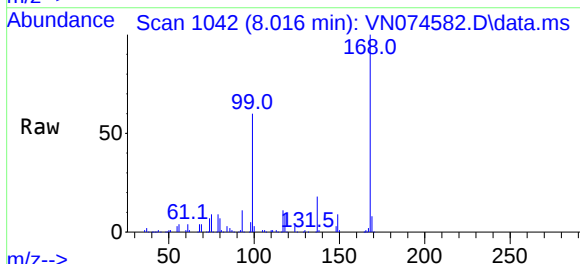
Instrument :
 MSVOA_N
 ClientSampleId :

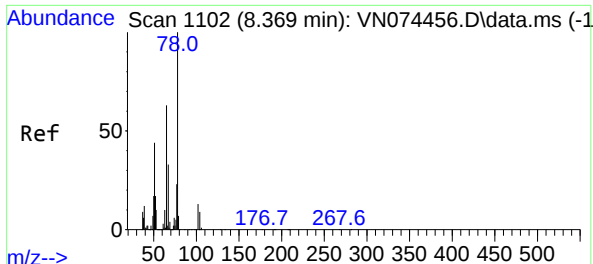
Tgt Ion:	96	Resp:	20117
Ion	Ratio	Lower	Upper
96	100		
61	131.7	0.0	280.6
98	66.3	0.0	128.4



#31
 Cyclohexane
 Concen: 1.060 ug/l
 RT: 8.016 min Scan# 1042
 Delta R.T. -0.006 min
 Lab File: VN074582.D
 Acq: 19 Sep 2022 13:36

Tgt Ion:	56	Resp:	9003
Ion	Ratio	Lower	Upper
56	100		
69	112.8	27.8	41.8#
84	84.0	76.9	115.3





#33

1,2-Dichloroethane-d4

Concen: 46.028 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN074582.D

Acq: 19 Sep 2022 13:36

Instrument :

MSVOA_N

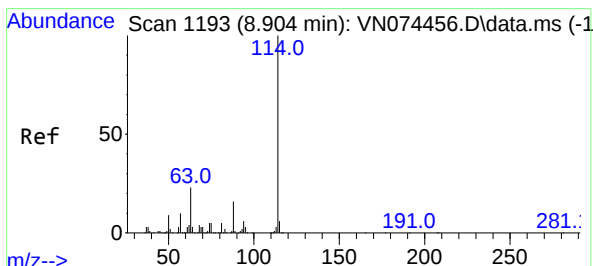
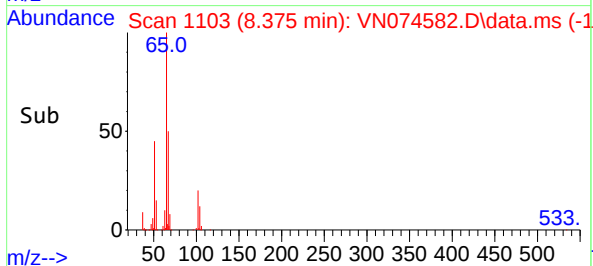
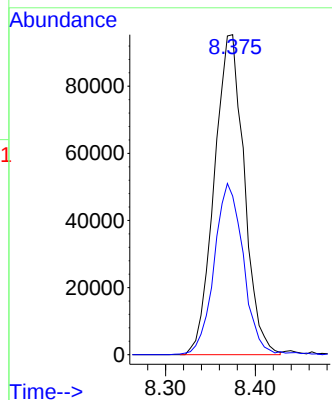
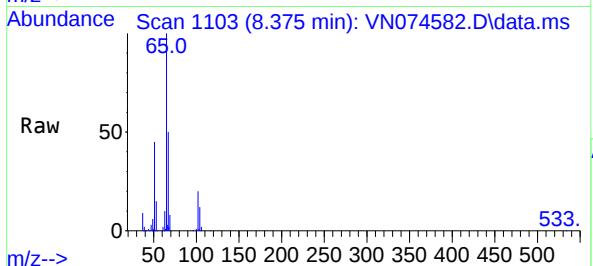
ClientSampleId :

Tgt Ion: 65 Resp: 220257

Ion Ratio Lower Upper

65 100

67 52.6 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: VN074582.D

Acq: 19 Sep 2022 13:36

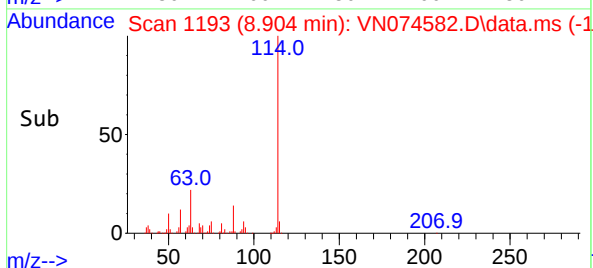
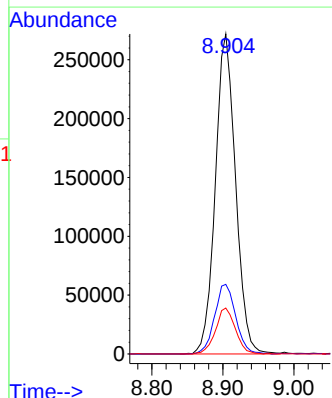
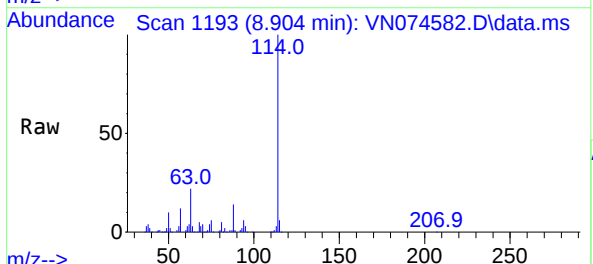
Tgt Ion: 114 Resp: 537197

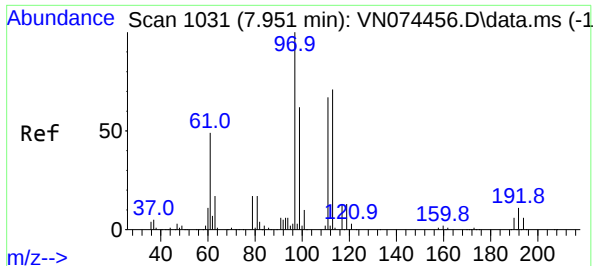
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

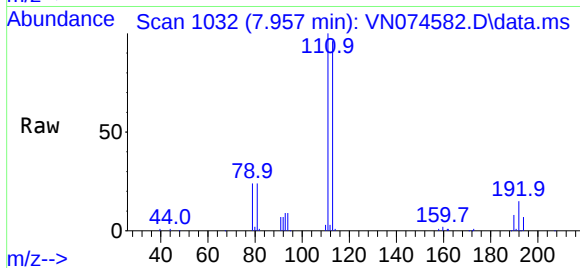
88 14.3 0.0 32.6



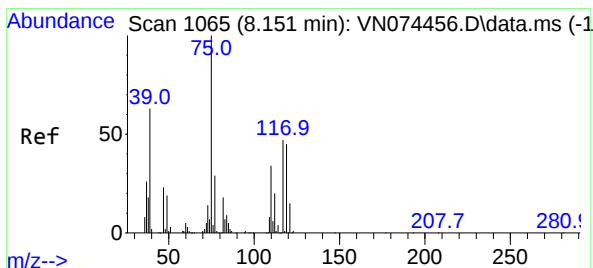
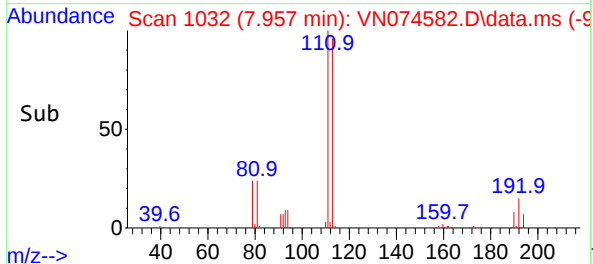
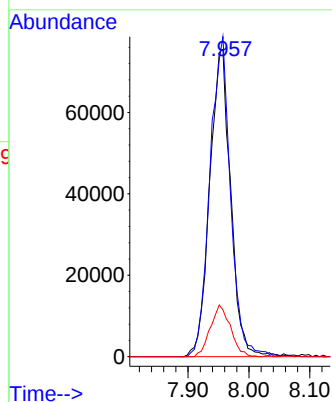


#35
Dibromofluoromethane
Concen: 50.549 ug/l
RT: 7.957 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :

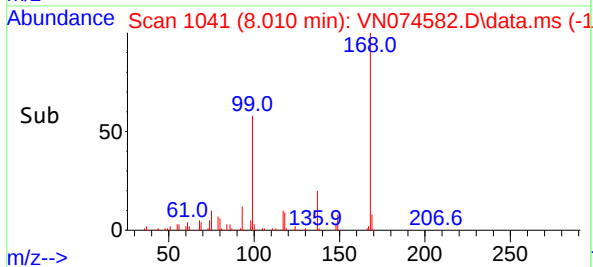
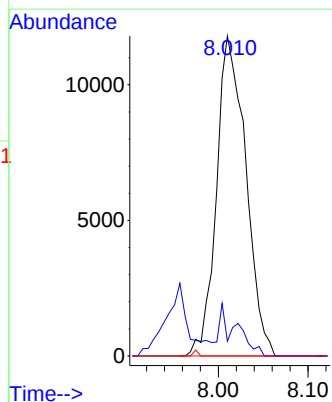
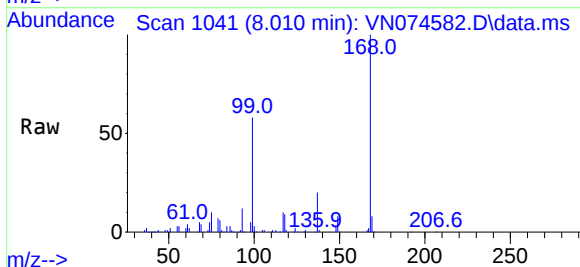


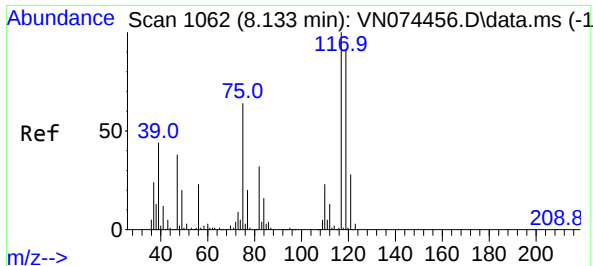
Tgt Ion:113 Resp: 180386
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 16.2 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 4.234 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.141 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

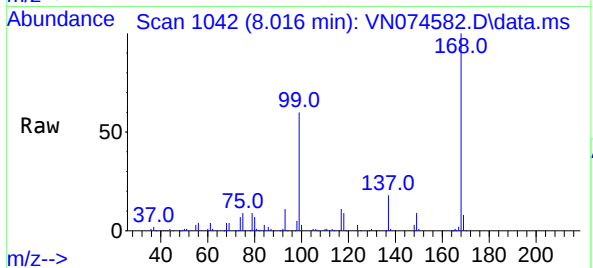
Tgt Ion: 75 Resp: 26746
Ion Ratio Lower Upper
75 100
110 2.7 18.3 54.8#
77 0.0 25.1 37.7#



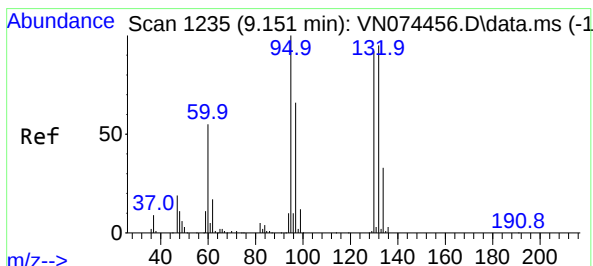
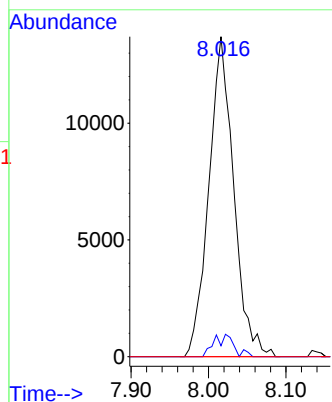
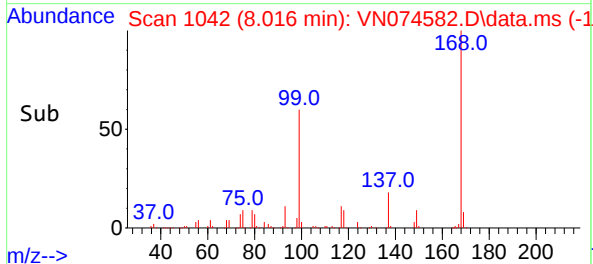


#38
Carbon Tetrachloride
Concen: 5.246 ug/l
RT: 8.016 min Scan# 117
Delta R.T. -0.117 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :

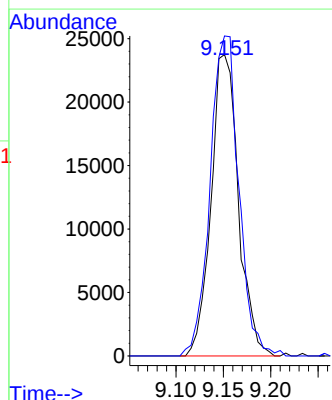
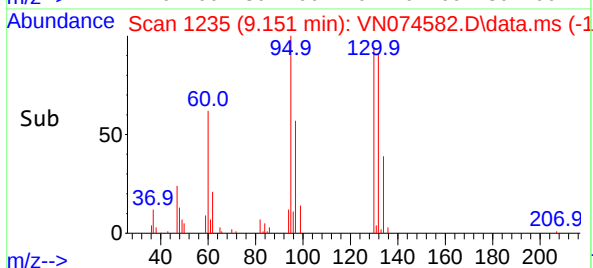
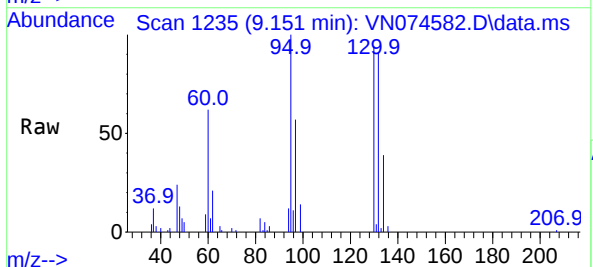


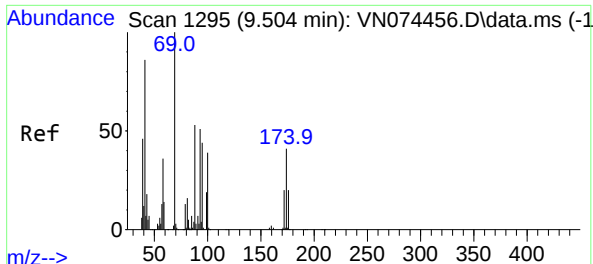
Tgt Ion:117 Resp: 30595
Ion Ratio Lower Upper
117 100
119 3.4 75.8 113.8#
121 0.0 24.6 37.0#



#44
Trichloroethene
Concen: 11.277 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

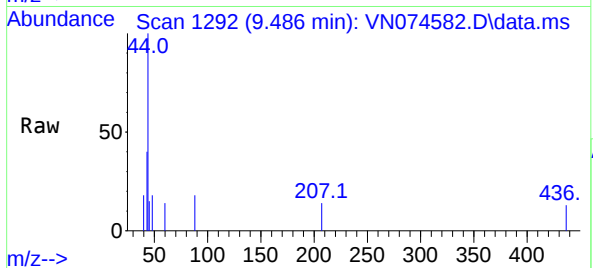
Tgt Ion:130 Resp: 47661
Ion Ratio Lower Upper
130 100
95 106.2 0.0 186.8



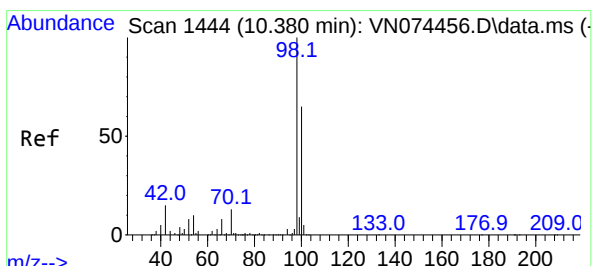
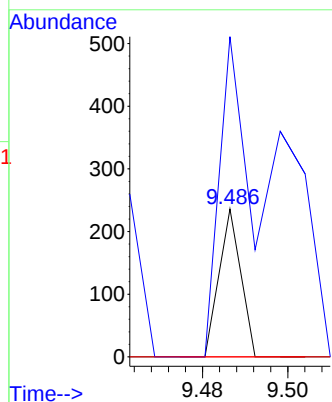
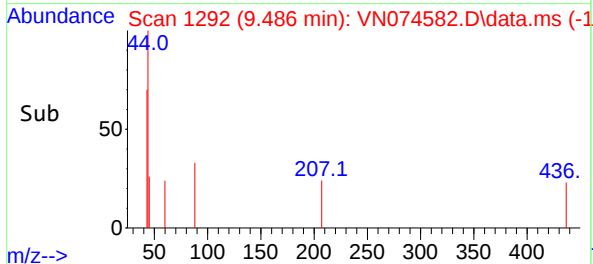


#49
1,4-Dioxane
Concen: 0.637 ug/l
RT: 9.486 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :

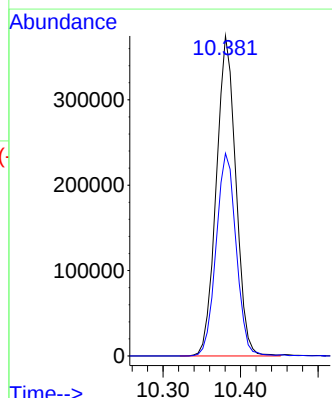
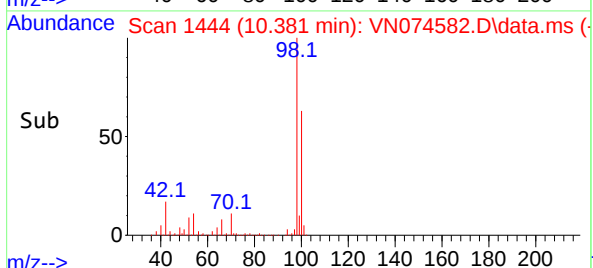
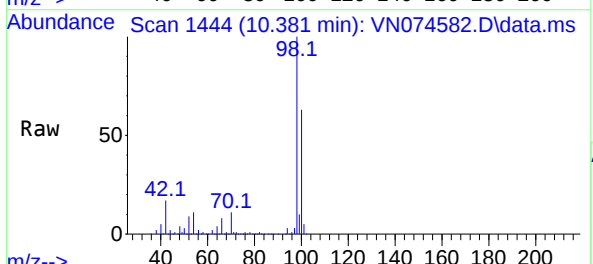


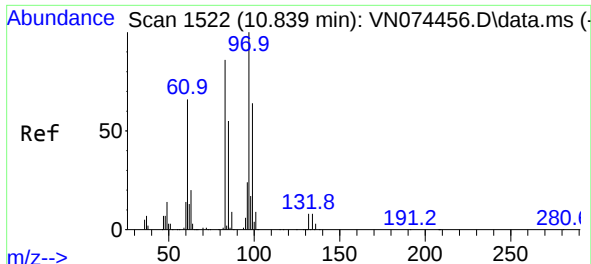
Tgt Ion: 88 Resp: 83
Ion Ratio Lower Upper
88 100
43 567.5 20.2 30.4#
58 0.0 54.2 81.4#



#50
Toluene-d8
Concen: 47.663 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

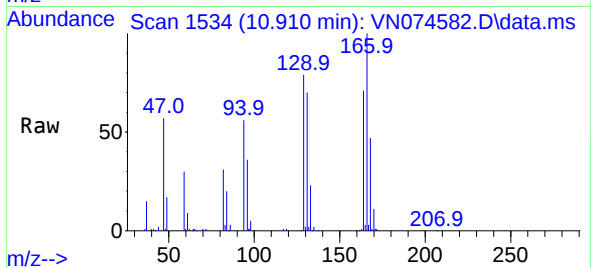
Tgt Ion: 98 Resp: 657779
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



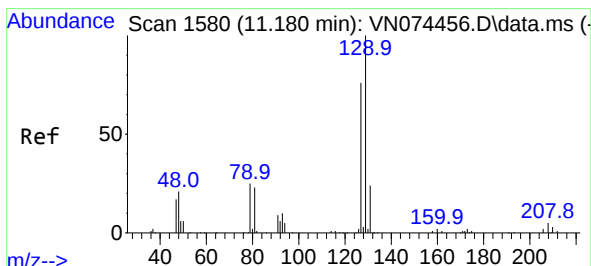
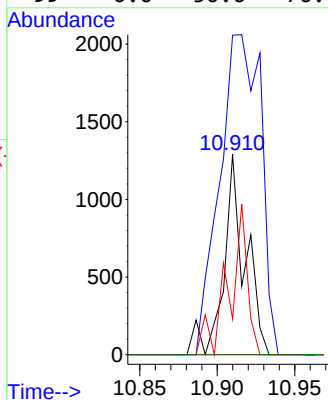
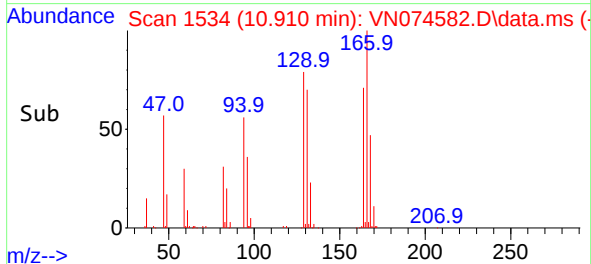


#55
1,1,2-Trichloroethane
Concen: 0.256 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. 0.071 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :

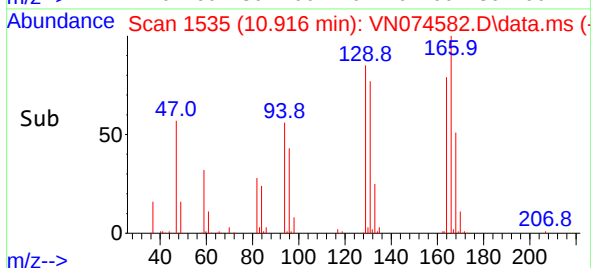
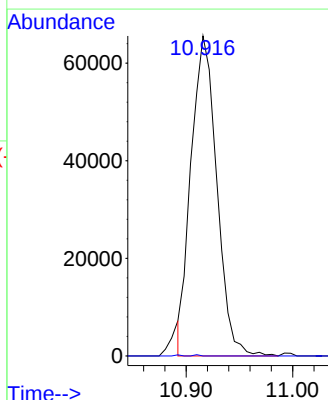
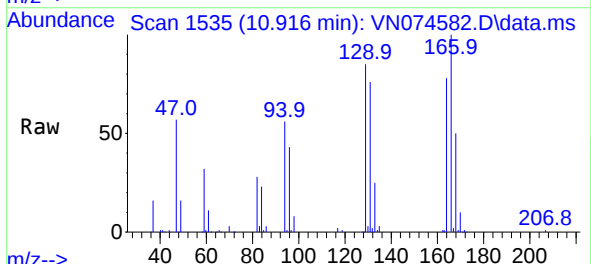


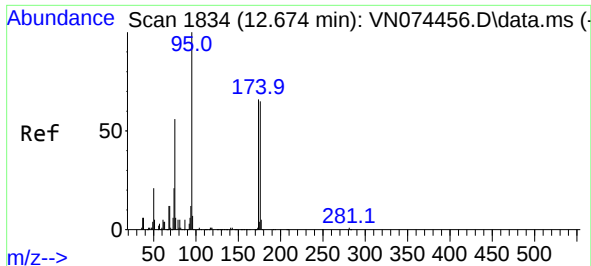
Tgt Ion: 97 Resp: 1240
Ion Ratio Lower Upper
97 100
83 159.5 66.2 99.4#
85 17.8 43.9 65.9#
99 0.0 50.6 76.0#



#60
Dibromochloromethane
Concen: 23.739 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.264 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

Tgt Ion: 129 Resp: 110251
Ion Ratio Lower Upper
129 100
127 0.1 38.8 116.4#

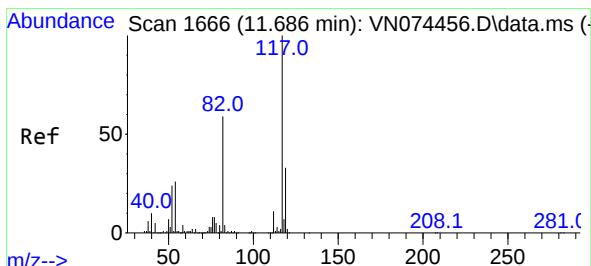
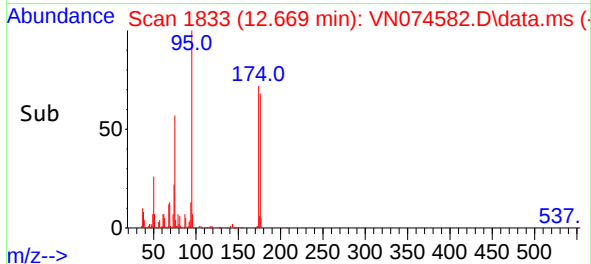
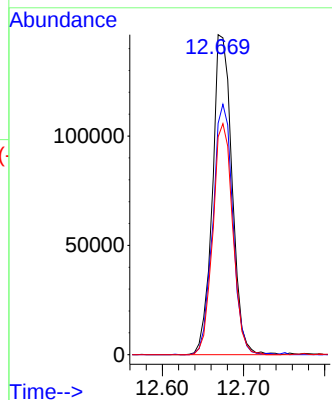
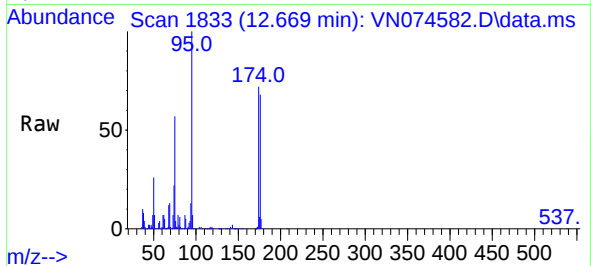




#62
4-Bromofluorobenzene
Concen: 51.953 ug/l
RT: 12.669 min Scan# 1834
Delta R.T. -0.005 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

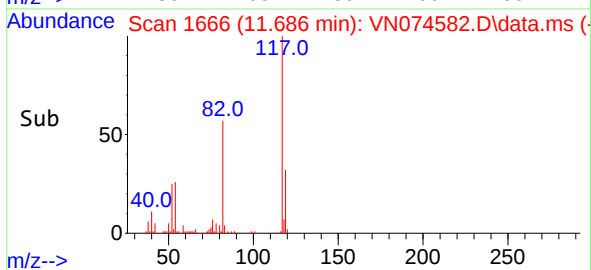
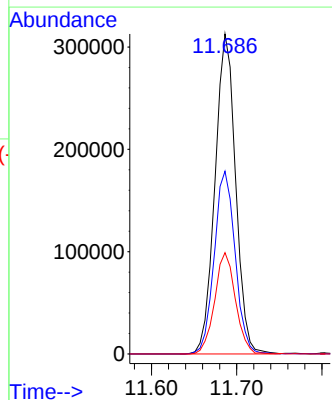
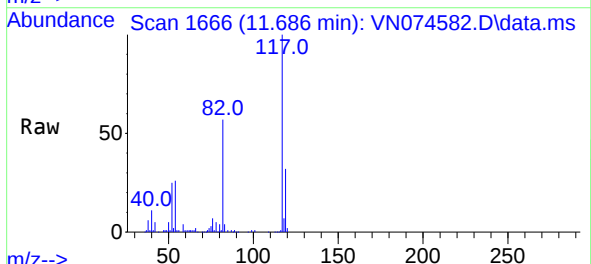
Instrument :
MSVOA_N
ClientSampleId :

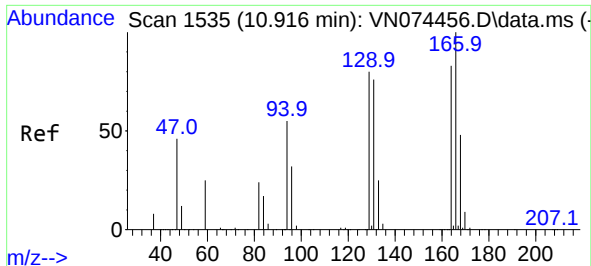
Tgt Ion: 95 Resp: 245567
Ion Ratio Lower Upper
95 100
174 79.5 0.0 167.6
176 73.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

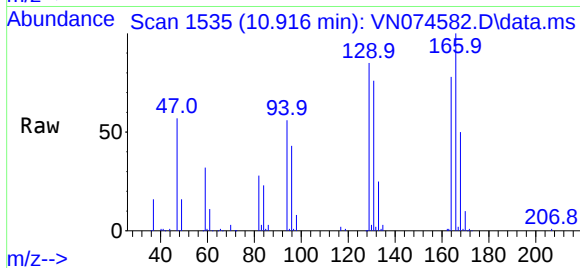
Tgt Ion: 117 Resp: 526101
Ion Ratio Lower Upper
117 100
82 57.1 44.2 66.2
119 31.7 25.4 38.0



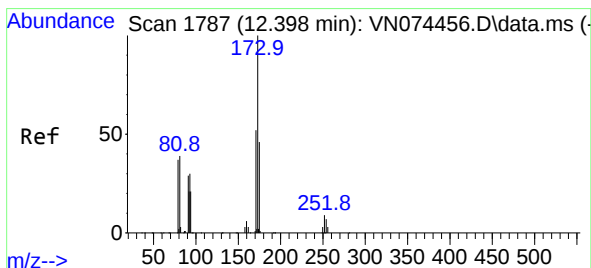
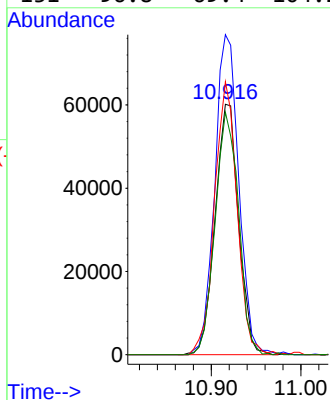
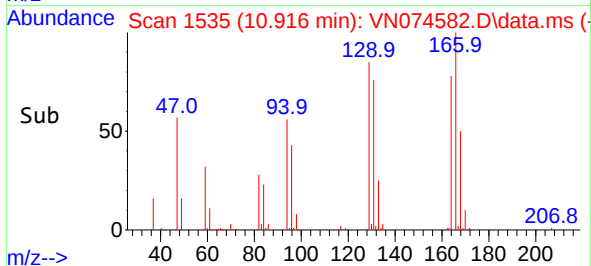


#64
Tetrachloroethene
Concen: 30.263 ug/l
RT: 10.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :

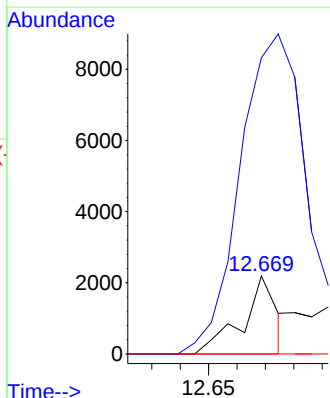
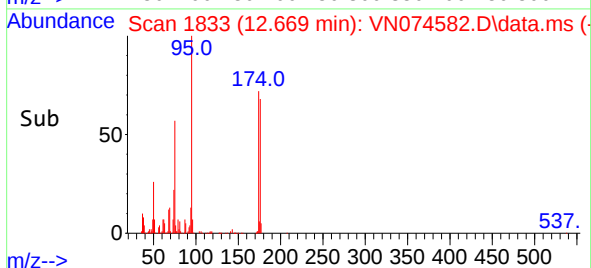
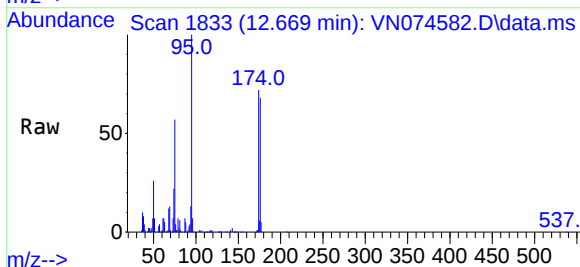


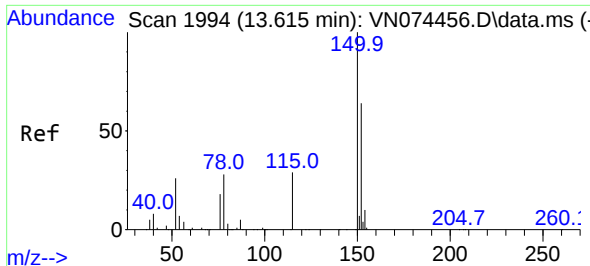
Tgt Ion:164 Resp: 109266
Ion Ratio Lower Upper
164 100
166 127.8 104.2 156.2
129 109.0 73.9 110.9
131 96.8 69.4 104.2



#71
Bromoform
Concen: 0.518 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

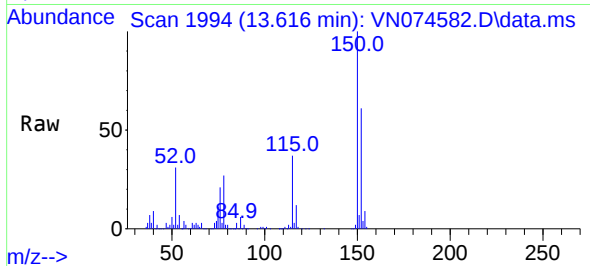
Tgt Ion:173 Resp: 1826
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



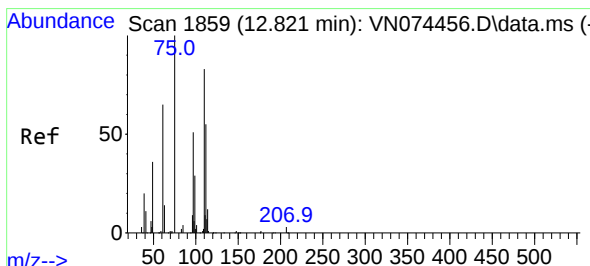
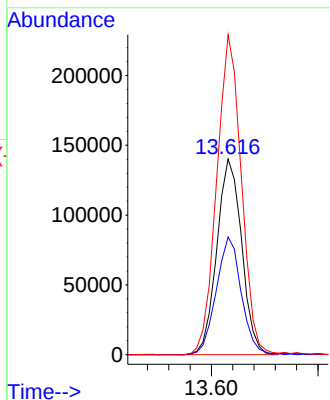
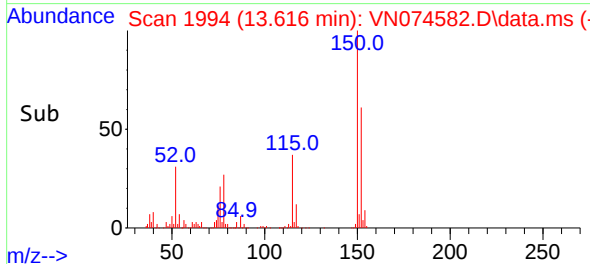


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074582.D
 Acq: 19 Sep 2022 13:36

Instrument :
 MSVOA_N
 ClientSampleId :

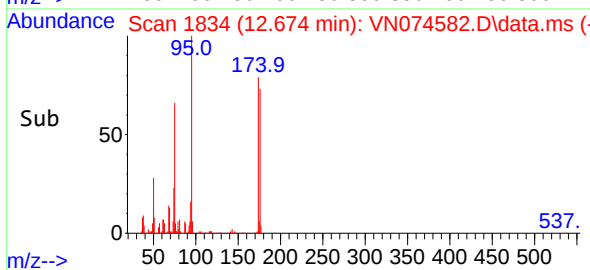
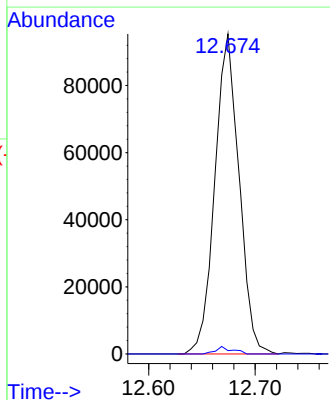
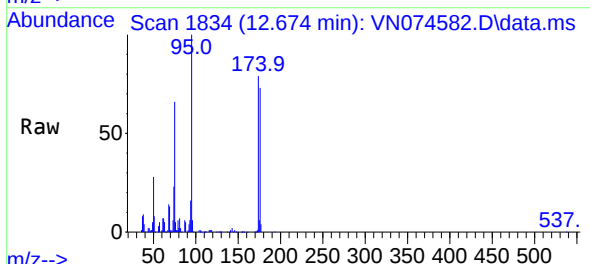


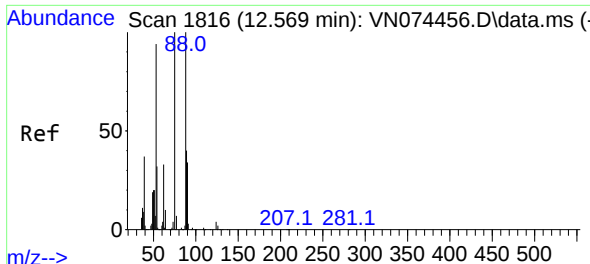
Tgt Ion:152 Resp: 227041
 Ion Ratio Lower Upper
 152 100
 115 60.5 28.9 86.7
 150 162.6 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 21.528 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.147 min
 Lab File: VN074582.D
 Acq: 19 Sep 2022 13:36

Tgt Ion: 75 Resp: 150448
 Ion Ratio Lower Upper
 75 100
 77 1.6 98.5 295.5#

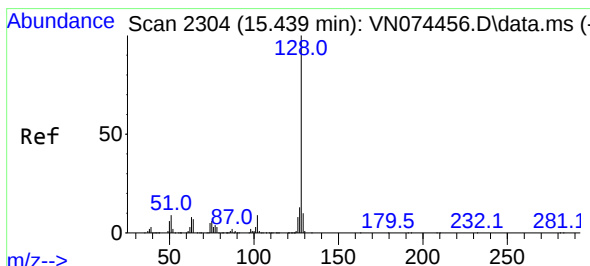
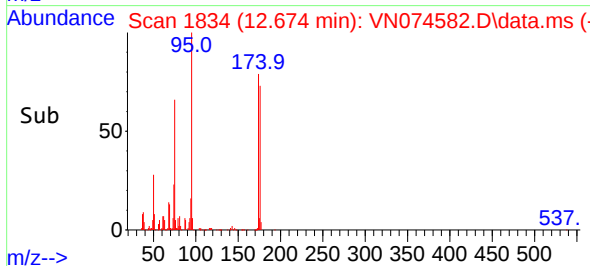
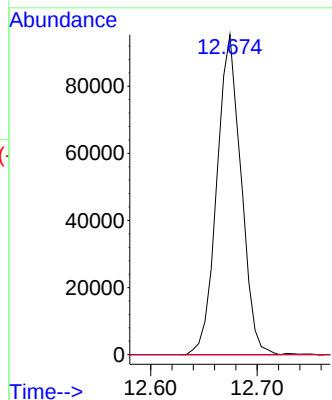
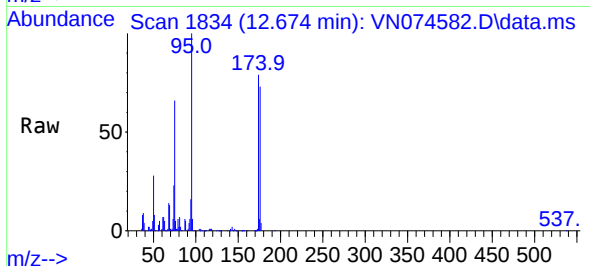




#81
trans-1,4-Dichloro-2-butene
Concen: 46.464 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

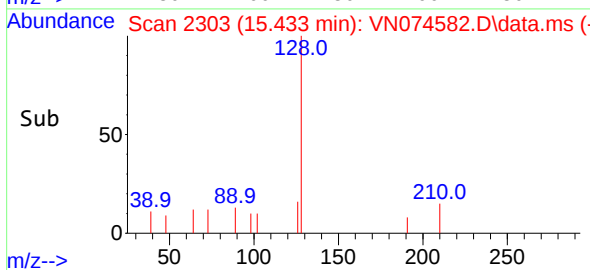
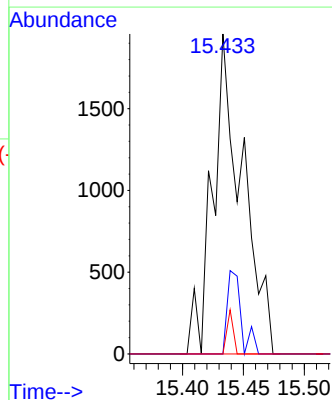
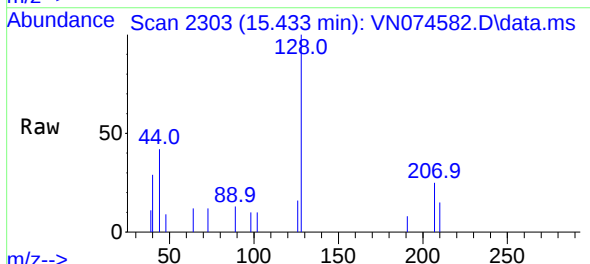
Instrument :
MSVOA_N
ClientSampleId :

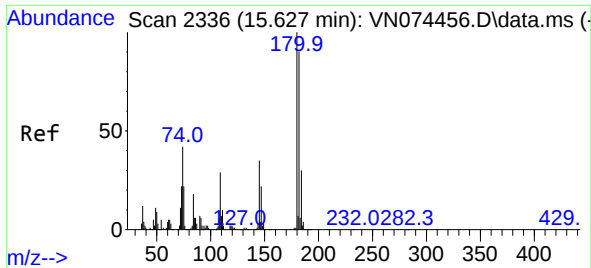
Tgt Ion: 75 Resp: 150448
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 1.755 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN074582.D
Acq: 19 Sep 2022 13:36

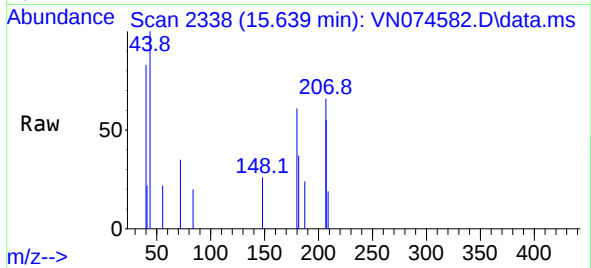
Tgt Ion:128 Resp: 3334
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 2.8 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.467 ug/l
 RT: 15.639 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN074582.D
 Acq: 19 Sep 2022 13:36

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 624
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.8 143.3#
 145 14.6 15.5 46.5#

