

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073128.D
 Acq On : 26 Jun 2022 00:28
 Operator : JC\MD
 Sample : VN0625MBL02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBL02

Quant Time: Jun 27 03:50:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

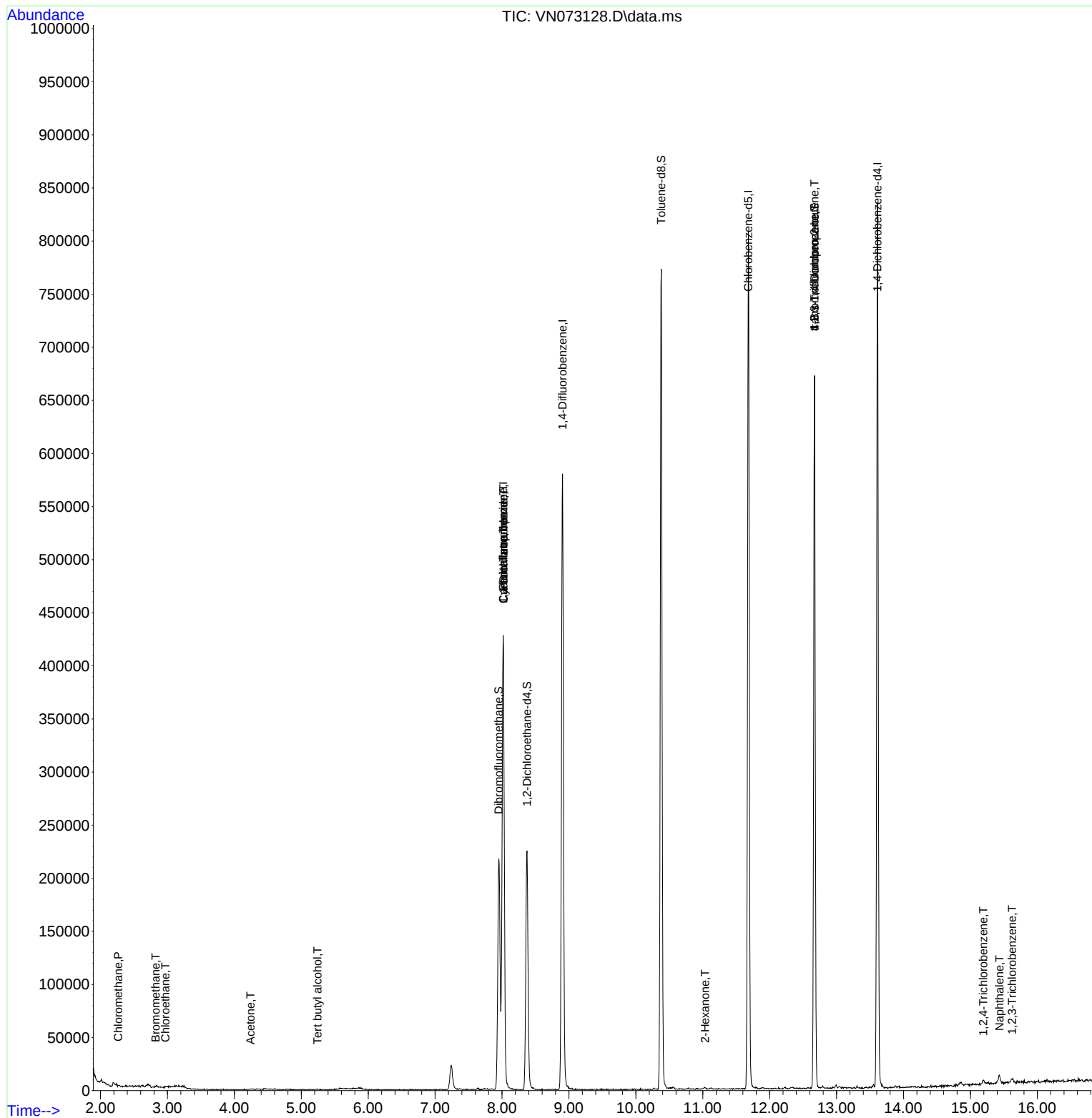
Internal Standards						
1) Pentafluorobenzene	8.016	168	326501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	515710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	465730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	218880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	194016	43.953	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.900%		
35) Dibromofluoromethane	7.951	113	164129	51.491	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.980%		
50) Toluene-d8	10.381	98	539615	45.495	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.000%		
62) 4-Bromofluorobenzene	12.669	95	232593	54.535	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.060%		
Target Compounds						Qvalue
3) Chloromethane	2.263	50	612	0.750	ug/l #	43
5) Bromomethane	2.822	94	548	0.499	ug/l #	2
6) Chloroethane	2.969	64	504	0.289	ug/l #	42
11) Tert butyl alcohol	5.240	59	323	0.283	ug/l #	72
16) Acetone	4.240	43	1032	0.425	ug/l	97
20) Methylene Chloride	5.010	84	63	Below Cal	#	10
26) 2,2-Dichloropropane	7.240	77	1256	Below Cal	#	53
31) Cyclohexane	8.022	56	7237	1.212	ug/l #	47
36) 1,1-Dichloropropene	8.022	75	26045	6.039	ug/l #	49
38) Carbon Tetrachloride	8.022	117	34405	7.584	ug/l #	17
59) 2-Hexanone	11.033	43	1579	0.317	ug/l	66
76) 1,2,3-Trichloropropane	12.669	75	121015	22.804	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	121015	61.585	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.539	75	126	Below Cal	#	44
93) 1,2,4-Trichlorobenzene	15.192	180	1362	0.326	ug/l	78
95) Naphthalene	15.433	128	8590	0.508	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	1764	0.395	ug/l	95

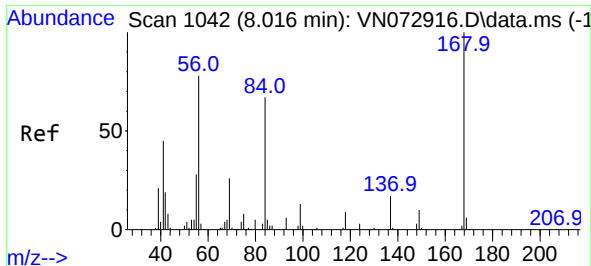
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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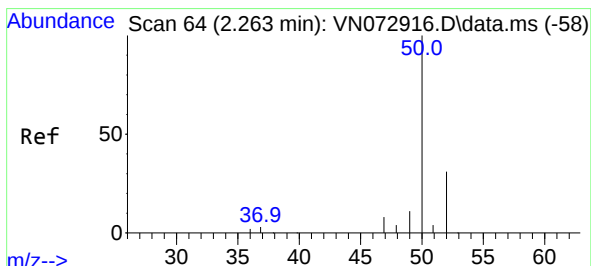
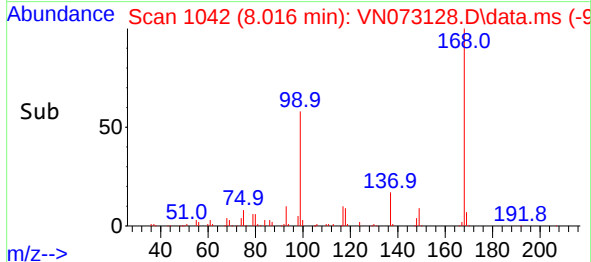
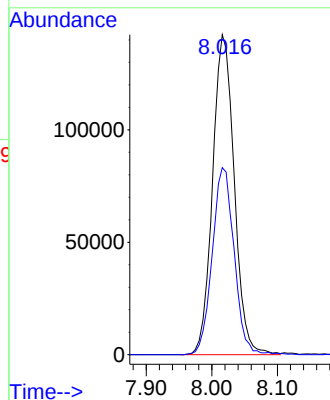
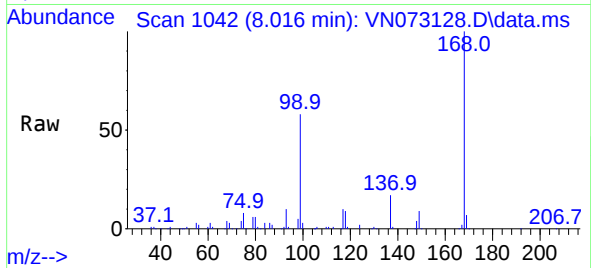




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073128.D
Acq: 26 Jun 2022 00:28

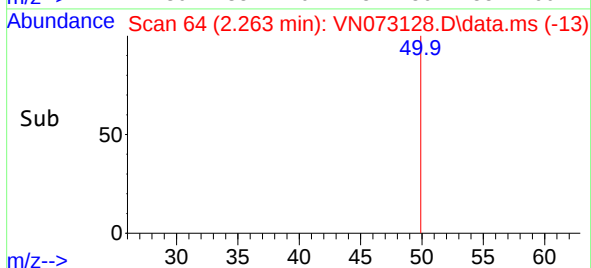
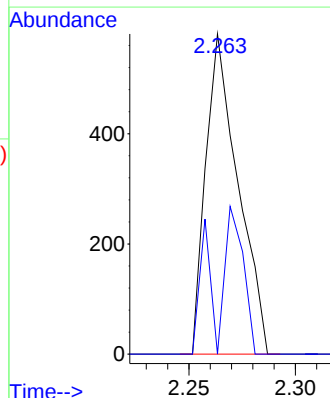
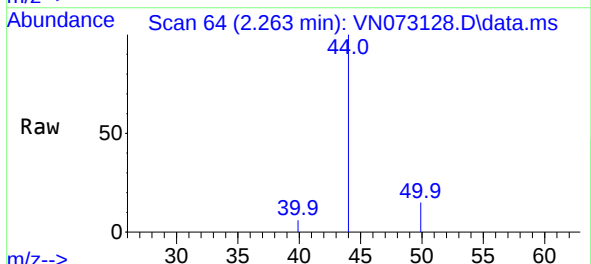
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBL02

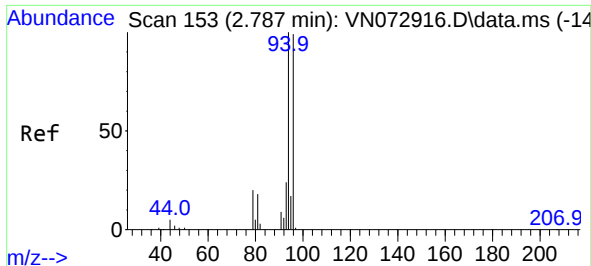
Tgt Ion:168 Resp: 326501
Ion Ratio Lower Upper
168 100
99 58.4 42.3 63.5



#3
Chloromethane
Concen: 0.750 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN073128.D
Acq: 26 Jun 2022 00:28

Tgt Ion: 50 Resp: 612
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

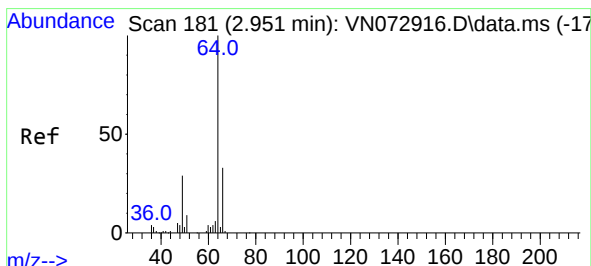
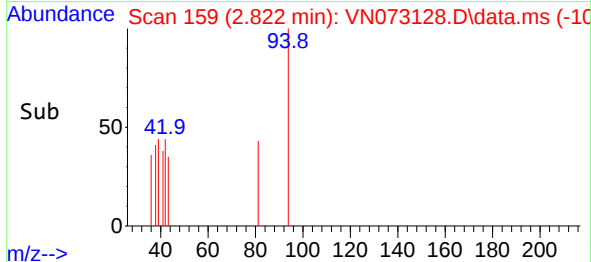
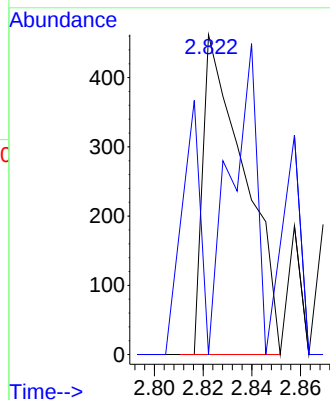
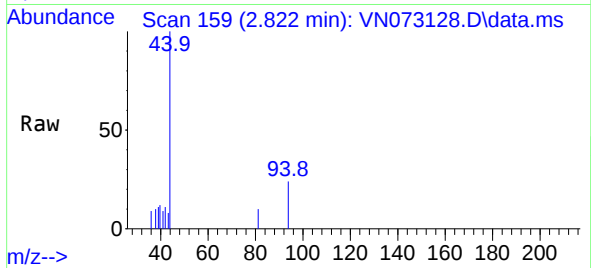




#5
Bromomethane
Concen: 0.499 ug/l
RT: 2.822 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN073128.D
Acq: 26 Jun 2022 00:28

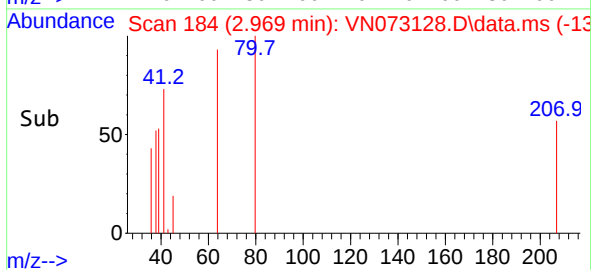
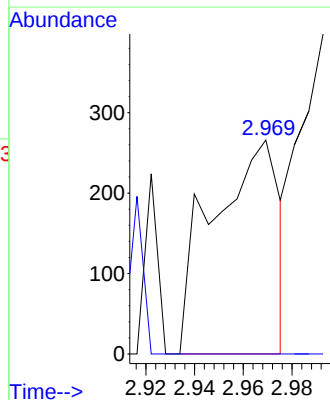
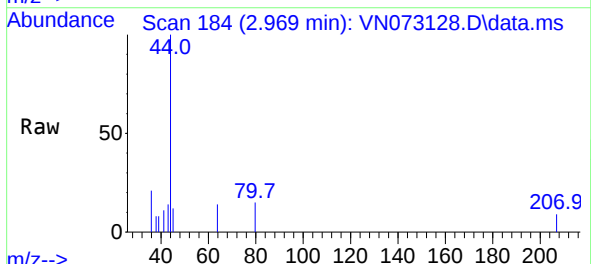
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBL02

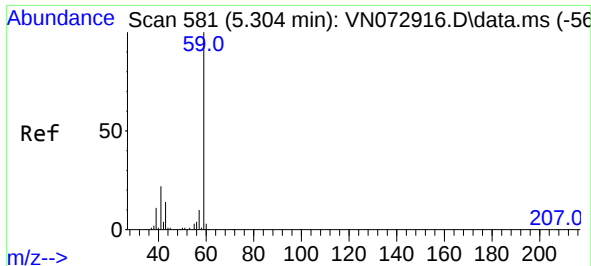
Tgt Ion: 94 Resp: 548
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: 0.289 ug/l
RT: 2.969 min Scan# 184
Delta R.T. 0.018 min
Lab File: VN073128.D
Acq: 26 Jun 2022 00:28

Tgt Ion: 64 Resp: 504
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

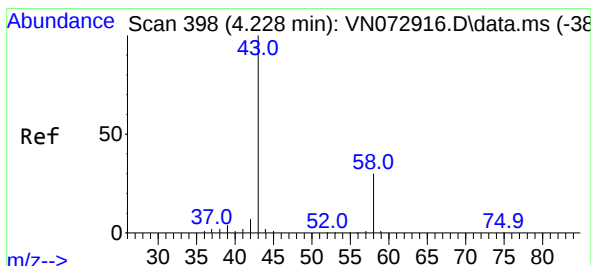
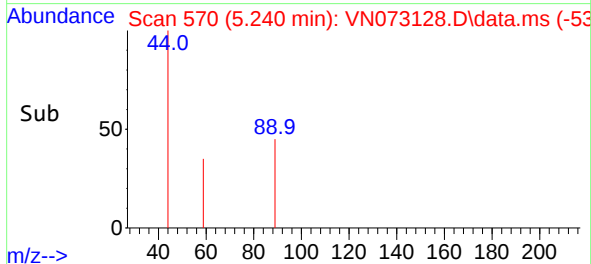
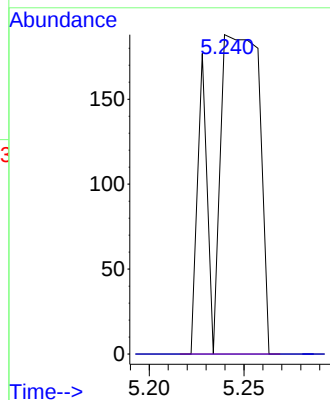
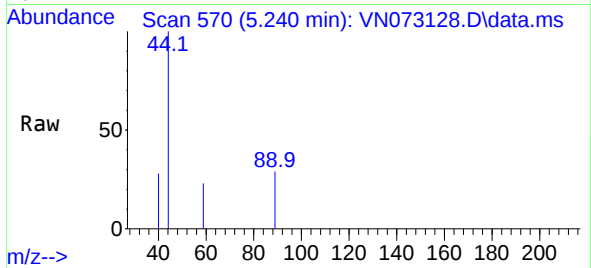




#11
Tert butyl alcohol
Concen: 0.283 ug/l
RT: 5.240 min Scan# 51
Delta R.T. -0.064 min
Lab File: VN073128.D
Acq: 26 Jun 2022 00:28

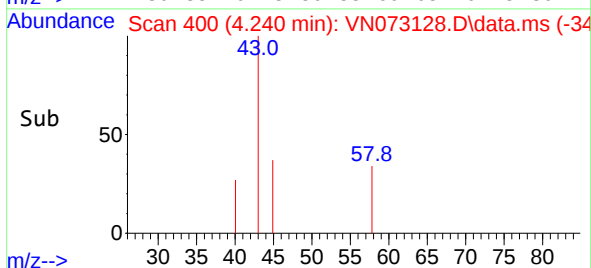
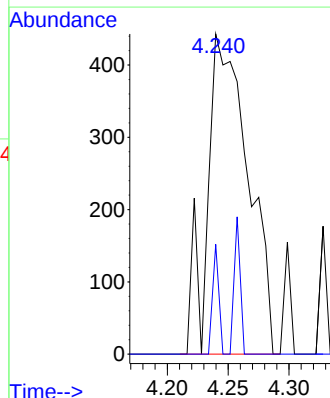
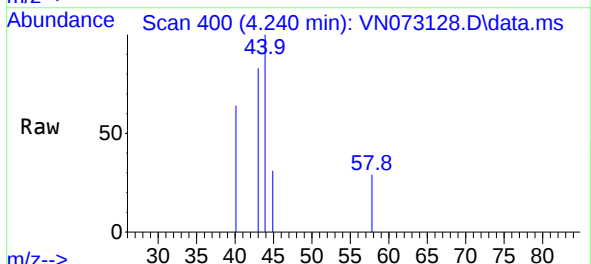
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBL02

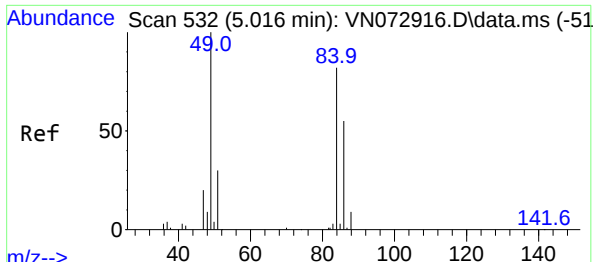
Tgt Ion: 59 Resp: 323
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.425 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.012 min
Lab File: VN073128.D
Acq: 26 Jun 2022 00:28

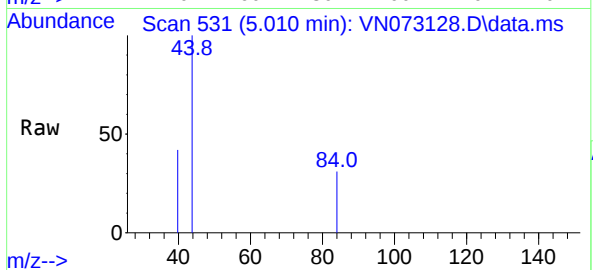
Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
58 34.3 26.0 39.0





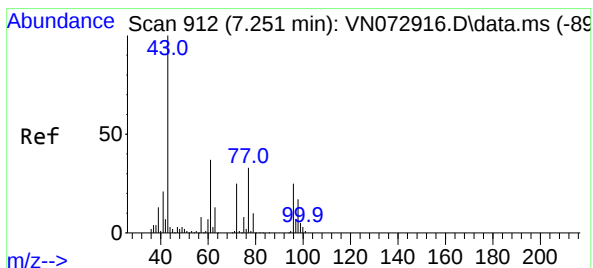
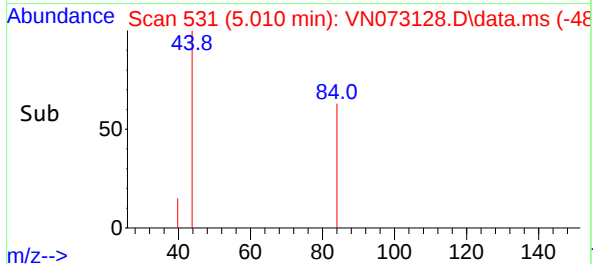
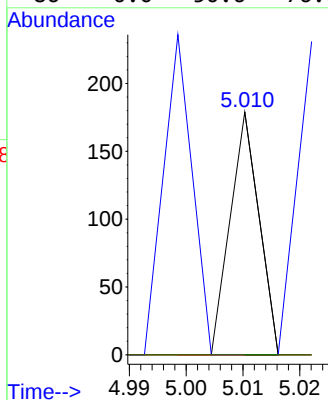
#20
Methylene Chloride
Concen: Below Cal
RT: 5.010 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN073128.D
Acq: 26 Jun 2022 00:28

Instrument :
MSVOA_N
ClientSampleId :
VN0625MBL02



Tgt Ion: 84 Resp: 63

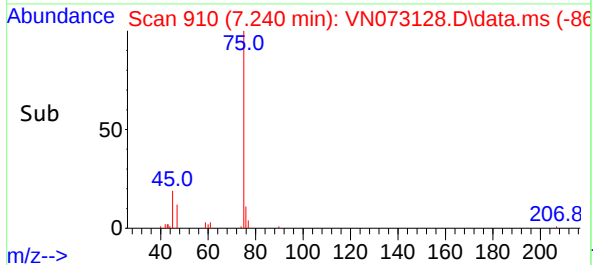
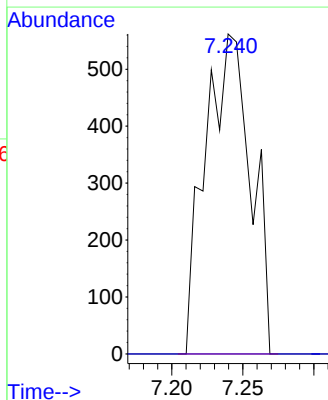
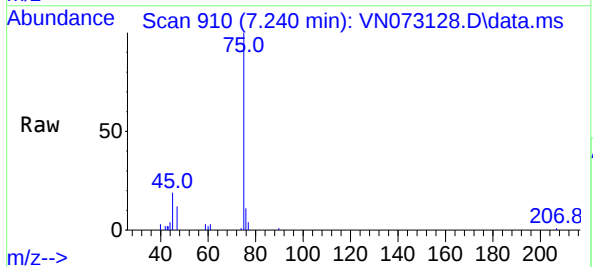
Ion	Ratio	Lower	Upper
84	100		
49	0.0	88.3	132.5#
51	0.0	28.2	42.2#
86	0.0	50.6	76.0#

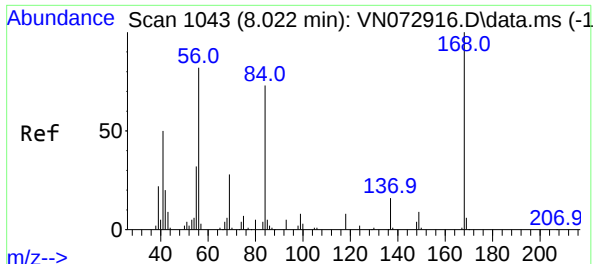


#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.240 min Scan# 910
Delta R.T. -0.011 min
Lab File: VN073128.D
Acq: 26 Jun 2022 00:28

Tgt Ion: 77 Resp: 1256

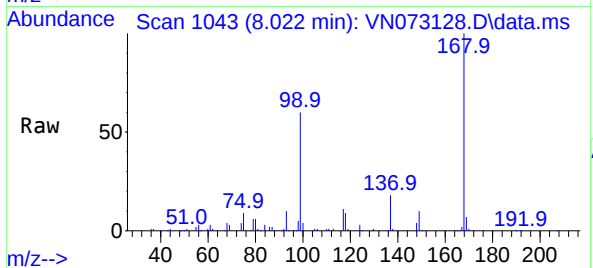
Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.4	34.2#



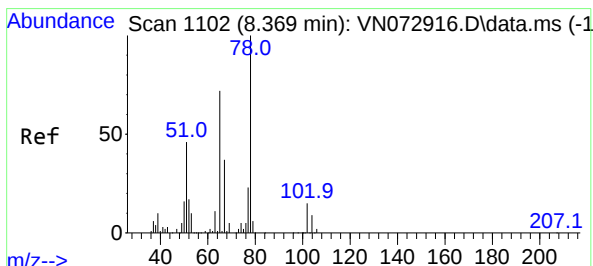
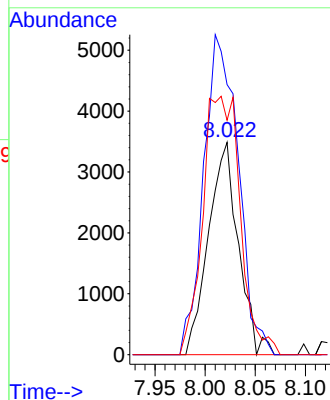
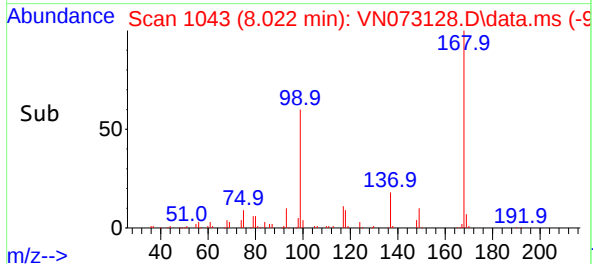


#31
Cyclohexane
Concen: 1.212 ug/l
RT: 8.022 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VN073128.D
Acq: 26 Jun 2022 00:28

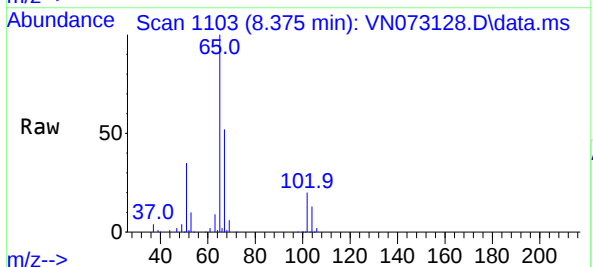
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBL02



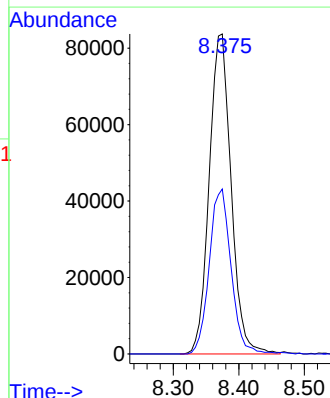
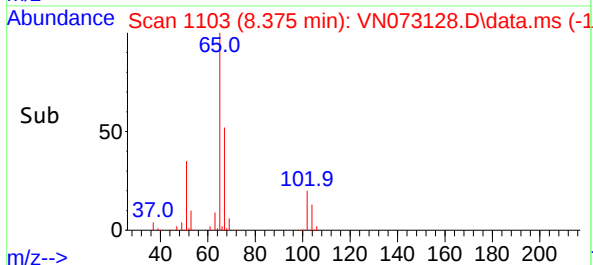
Tgt Ion: 56 Resp: 7237
Ion Ratio Lower Upper
56 100
69 127.2 27.8 41.8#
84 110.3 76.9 115.3

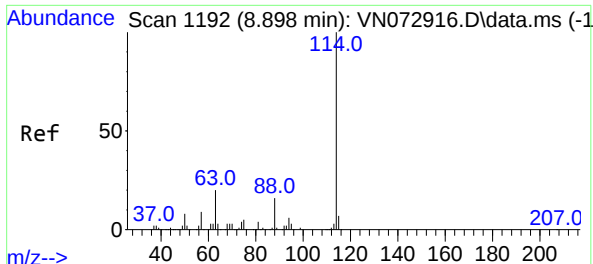


#33
1,2-Dichloroethane-d4
Concen: 43.953 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073128.D
Acq: 26 Jun 2022 00:28



Tgt Ion: 65 Resp: 194016
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073128.D

Acq: 26 Jun 2022 00:28

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBL02

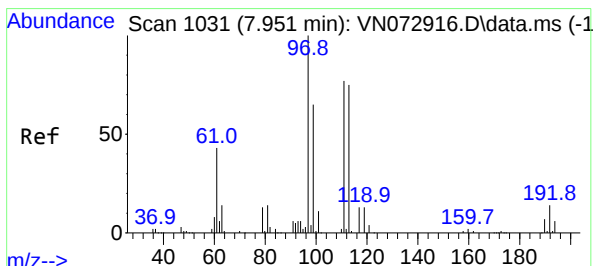
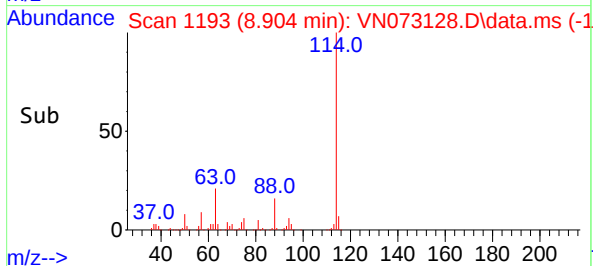
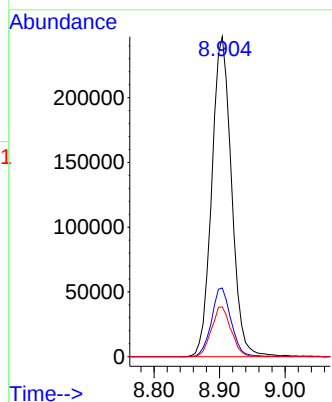
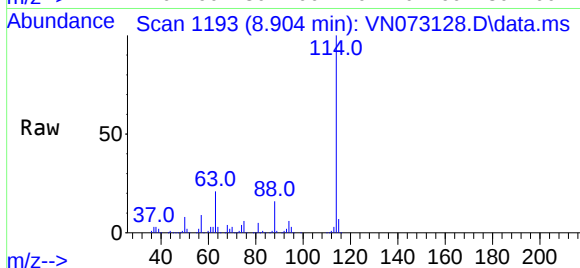
Tgt Ion:114 Resp: 515710

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.491 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073128.D

Acq: 26 Jun 2022 00:28

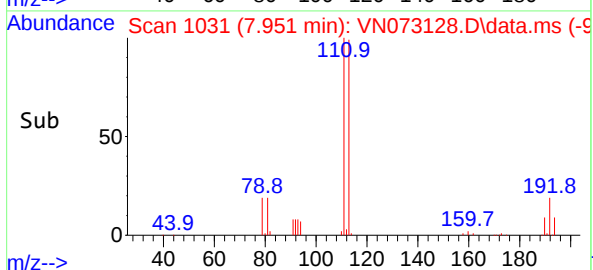
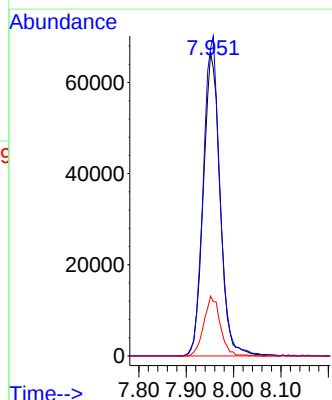
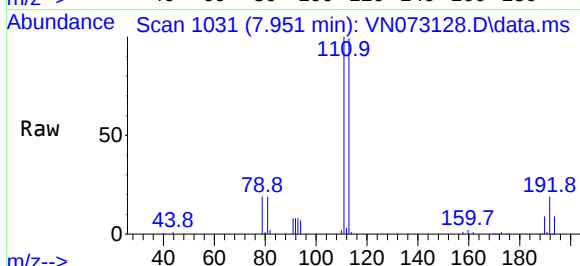
Tgt Ion:113 Resp: 164129

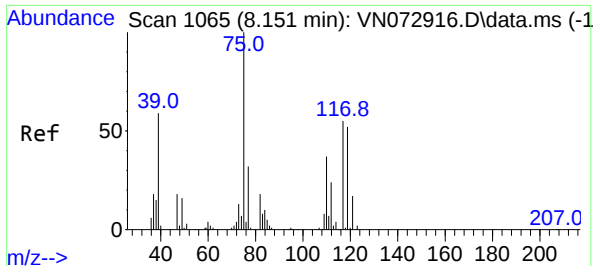
Ion Ratio Lower Upper

113 100

111 104.1 81.4 122.0

192 19.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 6.039 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.129 min

Lab File: VN073128.D

Acq: 26 Jun 2022 00:28

Instrument :

MSVOA_N

ClientSampleId :

VN0625MBL02

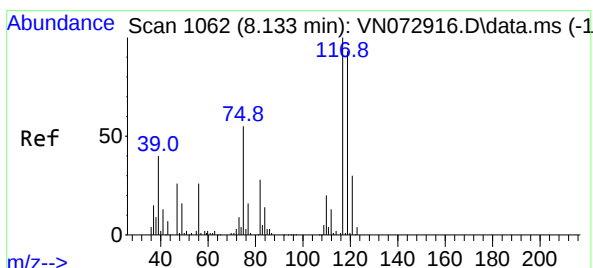
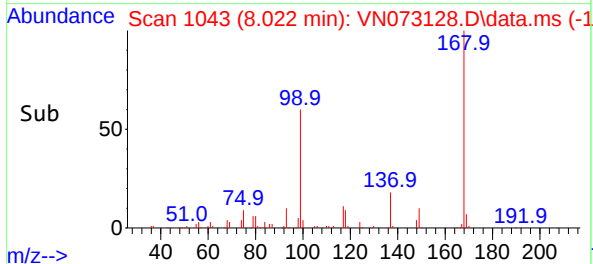
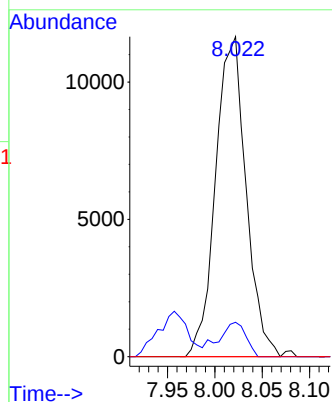
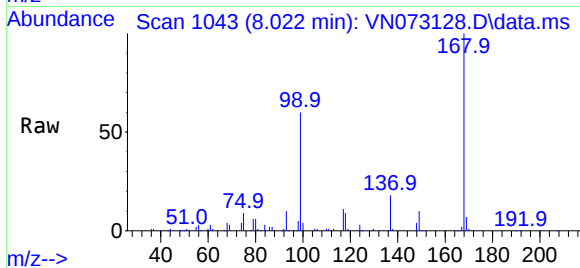
Tgt Ion: 75 Resp: 26045

Ion Ratio Lower Upper

75 100

110 9.6 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 7.584 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.112 min

Lab File: VN073128.D

Acq: 26 Jun 2022 00:28

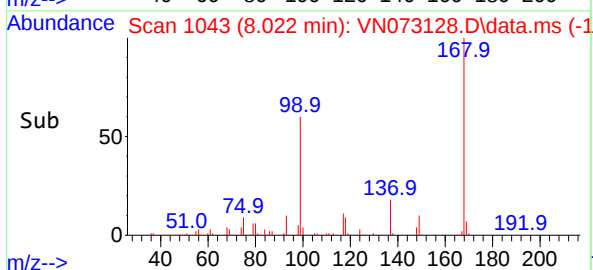
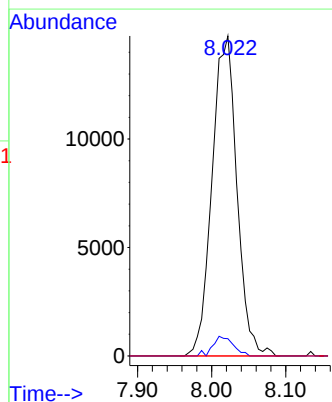
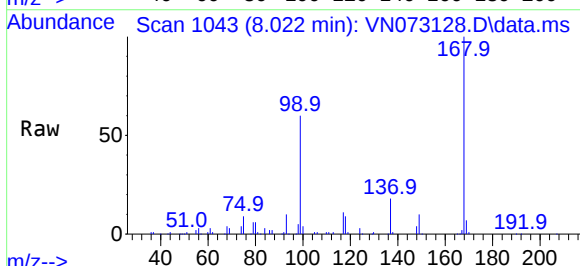
Tgt Ion: 117 Resp: 34405

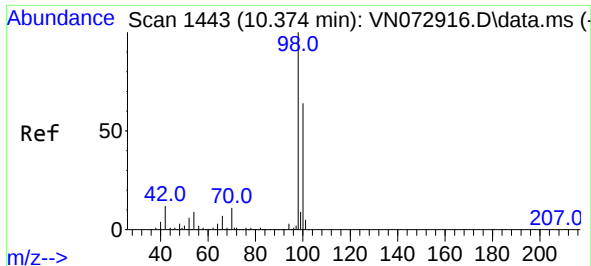
Ion Ratio Lower Upper

117 100

119 5.4 75.8 113.8#

121 0.0 24.6 37.0#

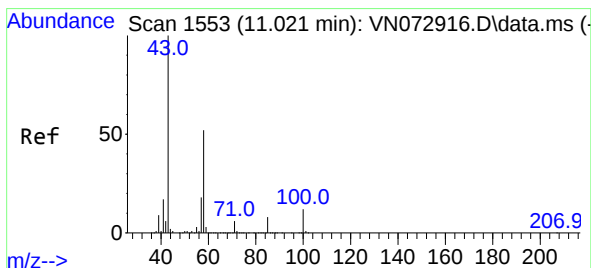
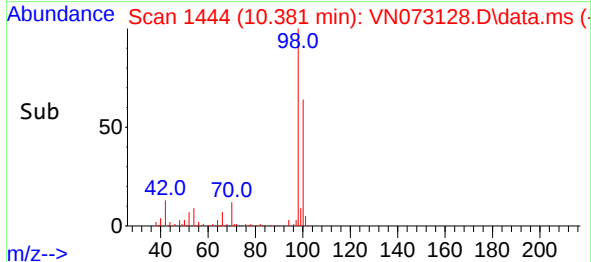
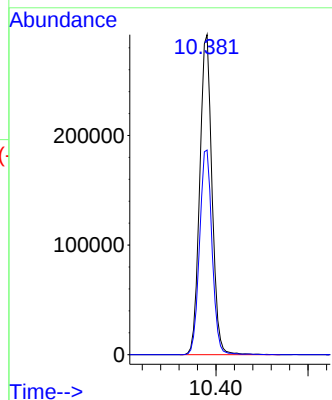
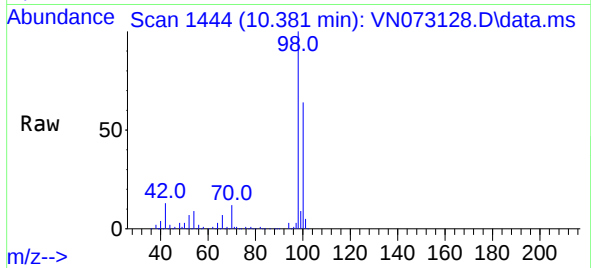




#50
Toluene-d8
Concen: 45.495 ug/l
RT: 10.381 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN073128.D
Acq: 26 Jun 2022 00:28

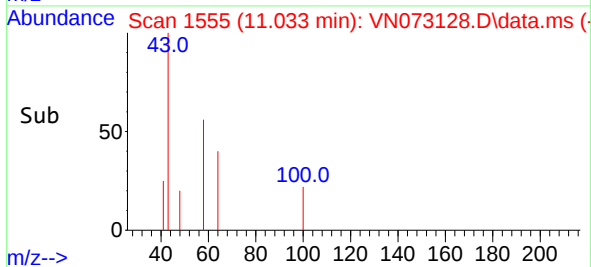
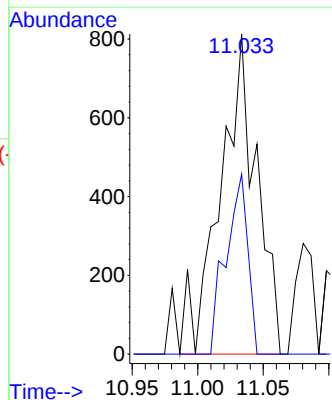
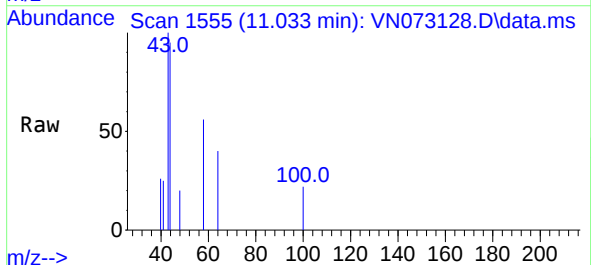
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBL02

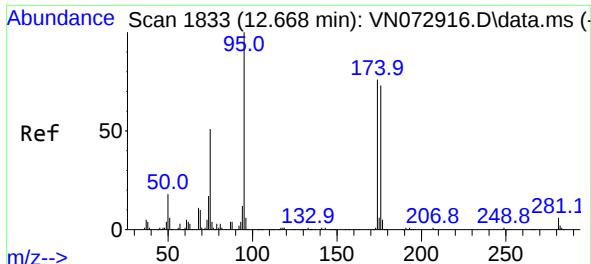
Tgt Ion: 98 Resp: 539615
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#59
2-Hexanone
Concen: 0.317 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.012 min
Lab File: VN073128.D
Acq: 26 Jun 2022 00:28

Tgt Ion: 43 Resp: 1579
Ion Ratio Lower Upper
43 100
58 33.5 29.7 89.1

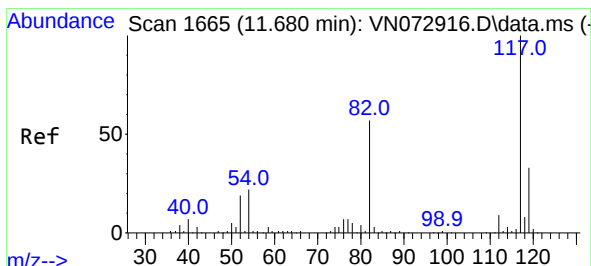
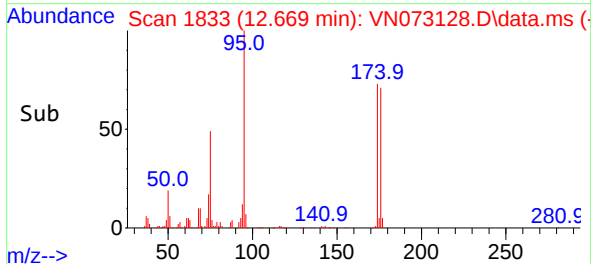
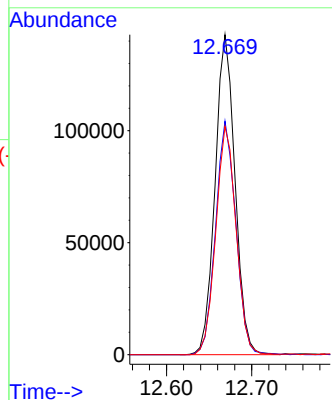
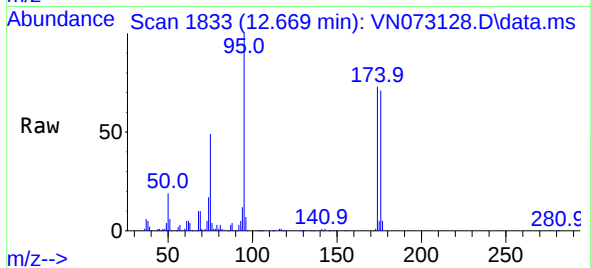




#62
4-Bromofluorobenzene
Concen: 54.535 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073128.D
Acq: 26 Jun 2022 00:28

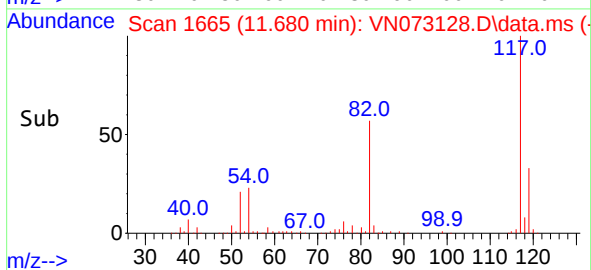
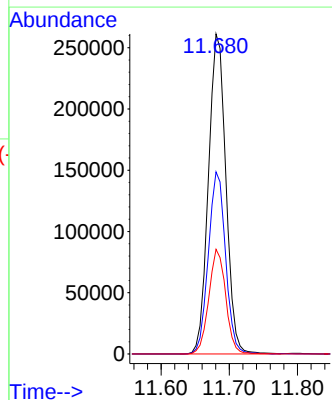
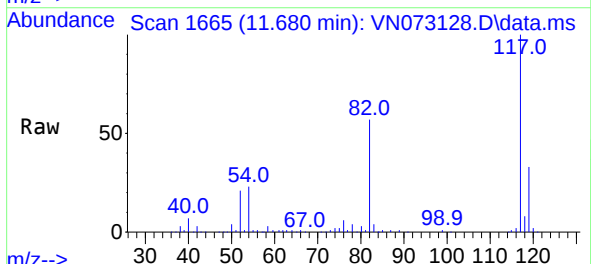
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBL02

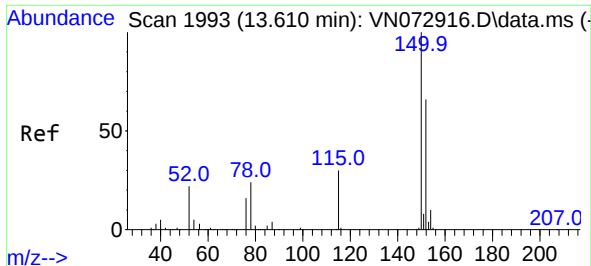
Tgt Ion: 95 Resp: 232593
Ion Ratio Lower Upper
95 100
174 74.3 0.0 167.6
176 72.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073128.D
Acq: 26 Jun 2022 00:28

Tgt Ion: 117 Resp: 465730
Ion Ratio Lower Upper
117 100
82 56.9 44.2 66.2
119 32.7 25.4 38.0

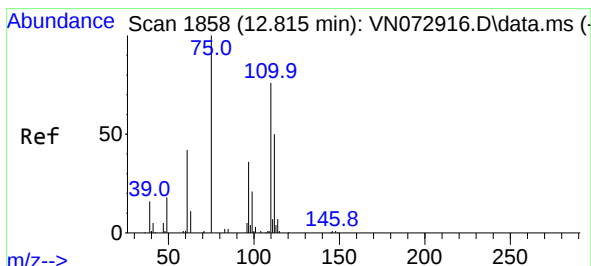
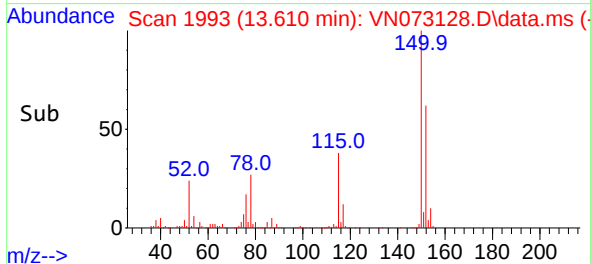
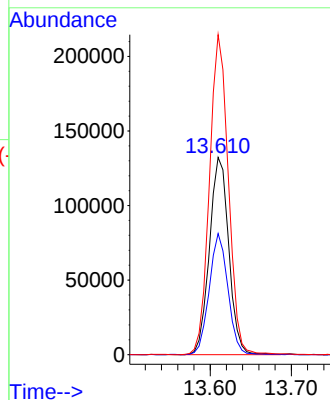
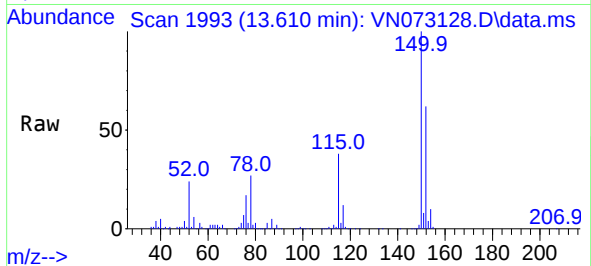




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. 0.000 min
 Lab File: VN073128.D
 Acq: 26 Jun 2022 00:28

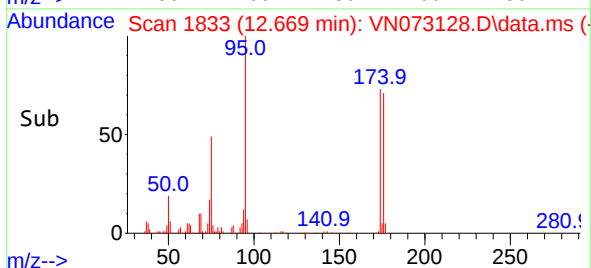
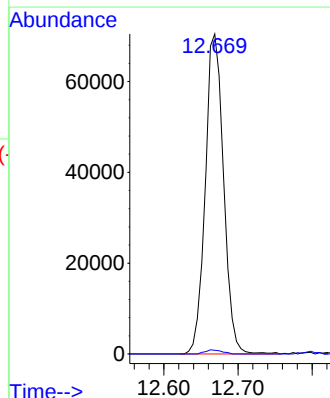
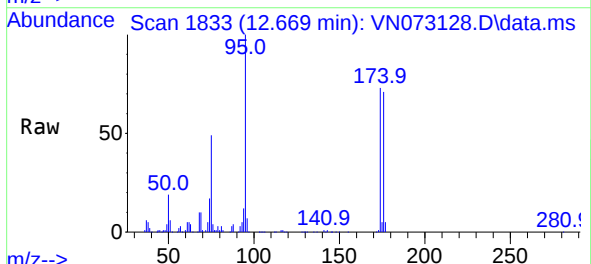
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBL02

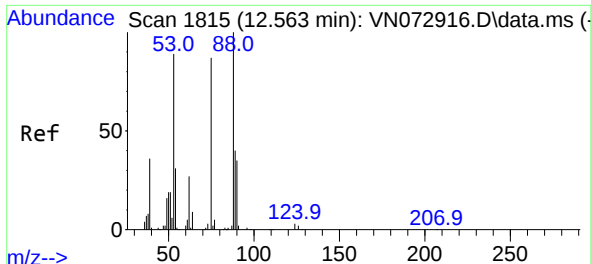
Tgt Ion:152 Resp: 218880
 Ion Ratio Lower Upper
 152 100
 115 59.4 28.9 86.7
 150 158.8 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 22.804 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN073128.D
 Acq: 26 Jun 2022 00:28

Tgt Ion: 75 Resp: 121015
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#

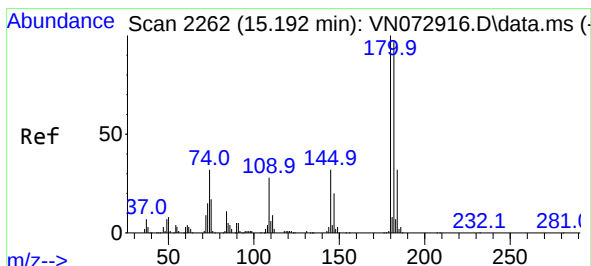
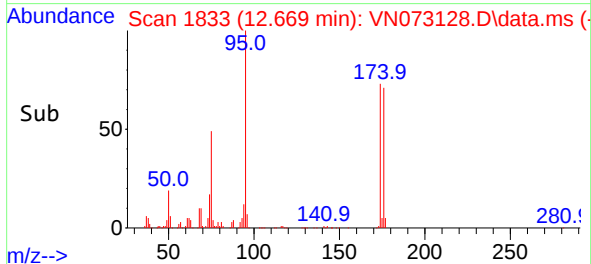
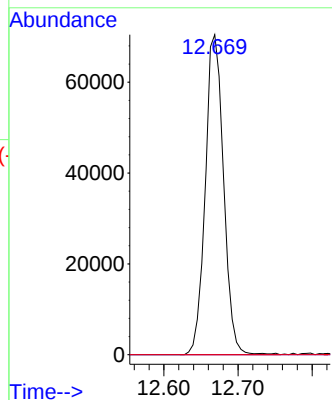
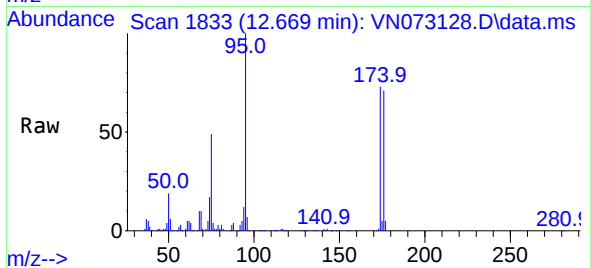




#81
trans-1,4-Dichloro-2-butene
Concen: 61.585 ug/l
RT: 12.669 min Scan# 1815
Delta R.T. 0.106 min
Lab File: VN073128.D
Acq: 26 Jun 2022 00:28

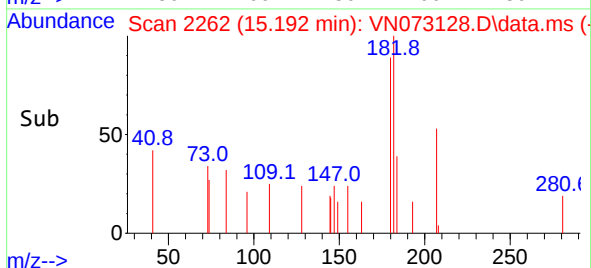
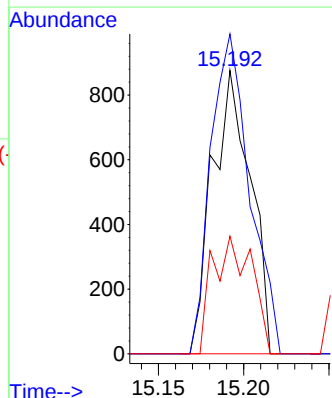
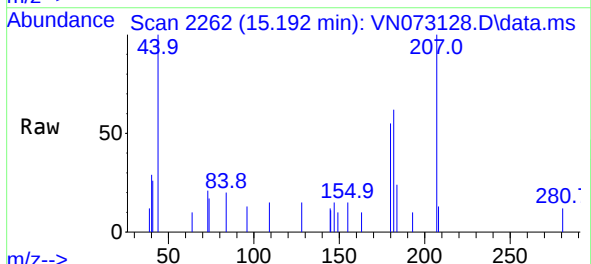
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBL02

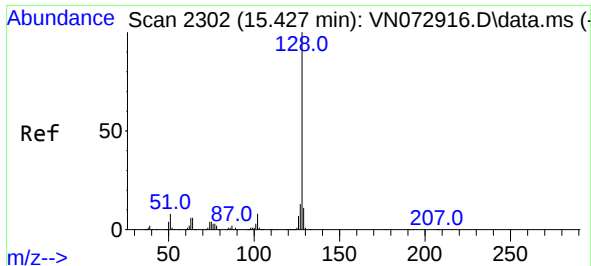
Tgt Ion: 75 Resp: 121015
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.326 ug/l
RT: 15.192 min Scan# 2262
Delta R.T. 0.000 min
Lab File: VN073128.D
Acq: 26 Jun 2022 00:28

Tgt Ion:180 Resp: 1362
Ion Ratio Lower Upper
180 100
182 115.4 47.5 142.5
145 42.7 14.5 43.5

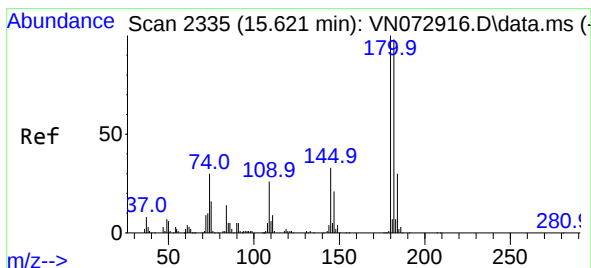
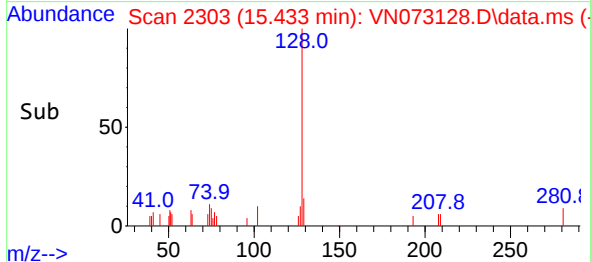
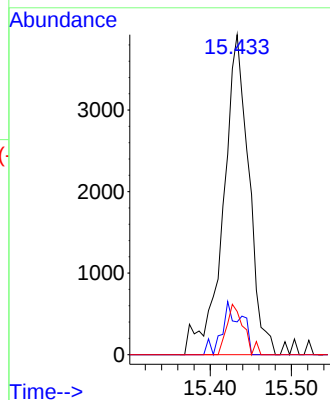
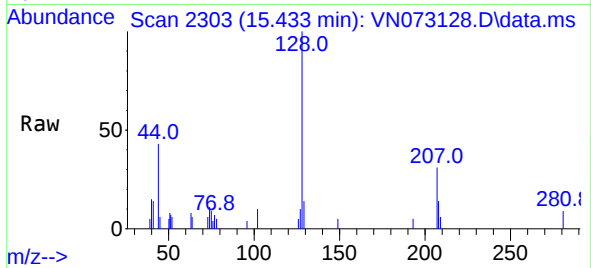




#95
Naphthalene
Concen: 0.508 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073128.D
Acq: 26 Jun 2022 00:28

Instrument :
MSVOA_N
ClientSampleId :
VN0625MBL02

Tgt Ion:	128	Resp:	8590
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.4	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.395 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VN073128.D
Acq: 26 Jun 2022 00:28

Tgt Ion:	180	Resp:	1764
Ion	Ratio	Lower	Upper
180	100		
182	101.5	47.8	143.3
145	31.0	15.5	46.5

