

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110222\
 Data File : VN075115.D
 Acq On : 02 Nov 2022 14:27
 Operator : JC\MD
 Sample : N5380-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-D

Quant Time: Nov 03 04:16:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

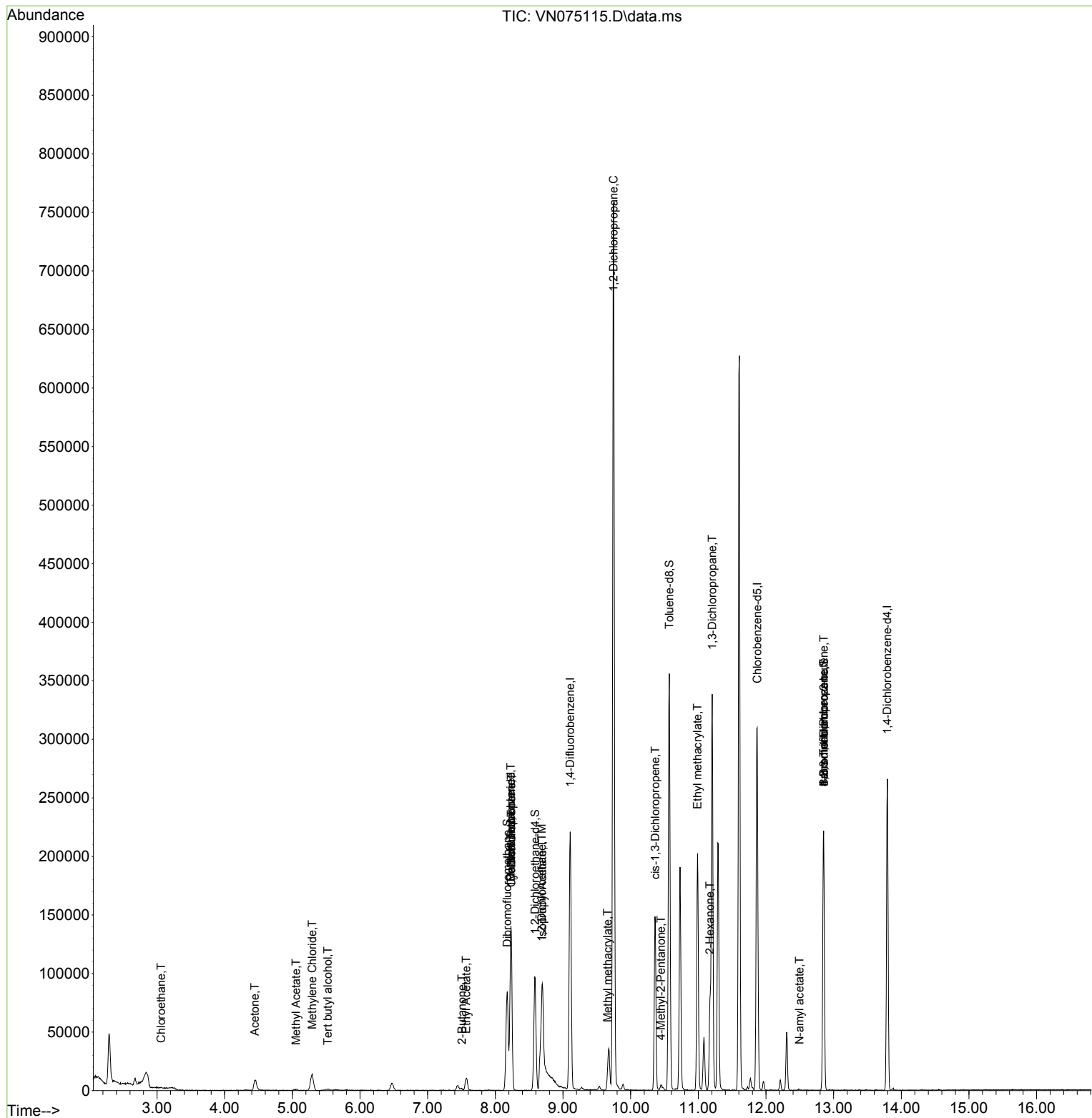
Internal Standards						
1) Pentafluorobenzene	8.230	168	98529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	192533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	180762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	69336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	77973	58.734	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.460%			
35) Dibromofluoromethane	8.177	113	59685	52.806	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.620%			
50) Toluene-d8	10.571	98	240952	54.948	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.900%			
62) 4-Bromofluorobenzene	12.853	95	75613	49.086	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.180%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.948	94	81	Below Cal	#	5
6) Chloroethane	3.059	64	511	0.367	ug/l #	45
11) Tert butyl alcohol	5.524	59	811	2.620	ug/l #	72
16) Acetone	4.447	43	18165	32.315	ug/l	93
18) Methyl Acetate	5.053	43	2289	1.247	ug/l #	67
20) Methylene Chloride	5.294	84	11285	9.004	ug/l #	85
25) 2-Butanone	7.506	43	2647	2.994	ug/l #	84
31) Cyclohexane	8.235	56	2447	1.239	ug/l #	30
36) 1,1-Dichloropropene	8.235	75	9003	5.145	ug/l #	50
37) Ethyl Acetate	7.571	43	16722	8.714	ug/l #	96
38) Carbon Tetrachloride	8.230	117	11315	5.878	ug/l #	16
42) 1,2-Dichloroethane	8.688	62	666	0.342	ug/l #	75
43) Isopropyl Acetate	8.694	43	134549	45.201	ug/l #	74
45) 1,2-Dichloropropane	9.747	63	754	0.591	ug/l #	42
48) Methyl methacrylate	9.659	41	2095	1.534	ug/l #	38
51) 4-Methyl-2-Pentanone	10.447	43	2488	1.295	ug/l	100
54) cis-1,3-Dichloropropene	10.365	75	27443	12.743	ug/l #	69
56) Ethyl methacrylate	10.988	69	670	0.309	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	3767	1.593	ug/l #	42
59) 2-Hexanone	11.171	43	58055	39.822	ug/l #	21
71) Bromoform	12.853	173	654	0.610	ug/l #	1
74) N-amyl acetate	12.494	43	763	0.371	ug/l #	38
76) 1,2,3-Trichloropropane	12.853	75	41708	28.331	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	41708	72.724	ug/l #	10

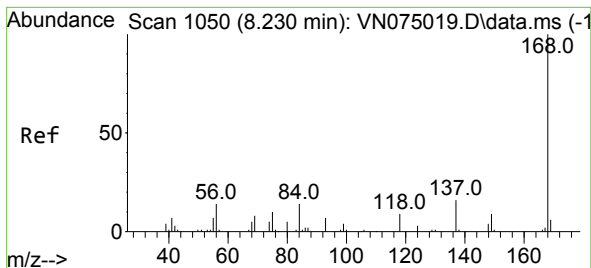
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110222\
Data File : VN075115.D
Acq On : 02 Nov 2022 14:27
Operator : JC\MD
Sample : N5380-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-D

Quant Time: Nov 03 04:16:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

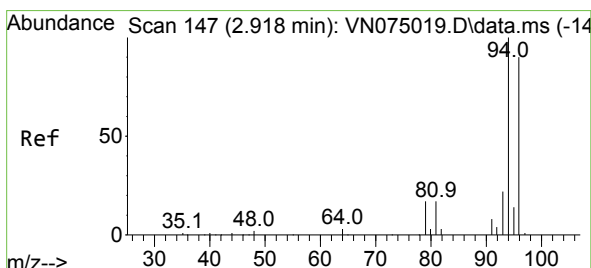
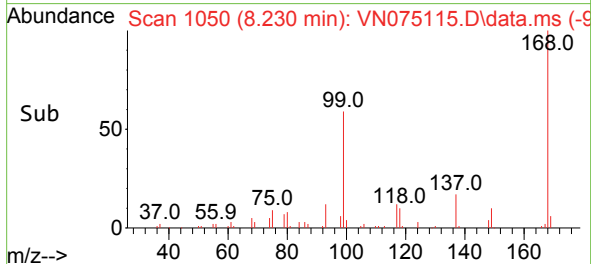
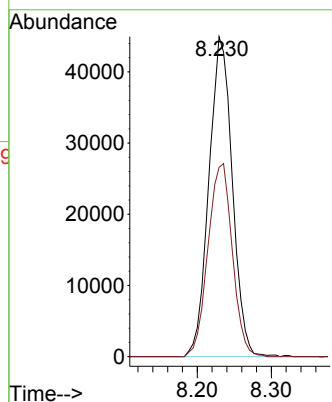
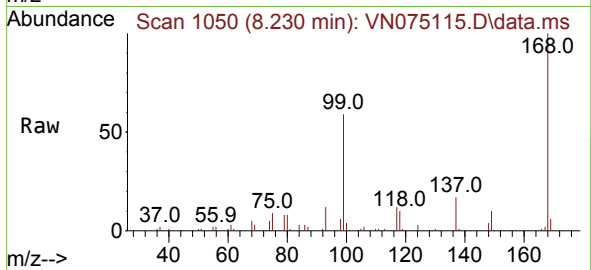




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

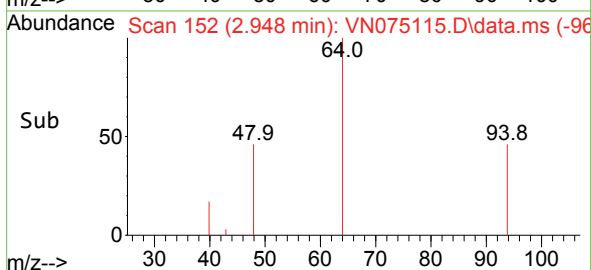
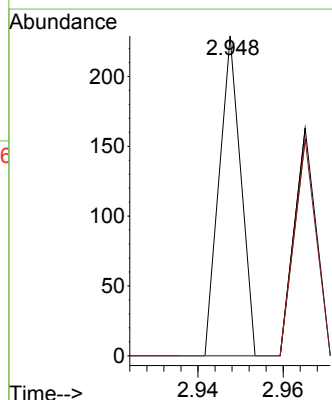
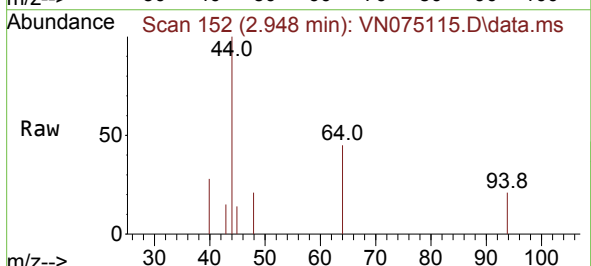
Instrument :
MSVOA_N
ClientSampleId :
TP-D

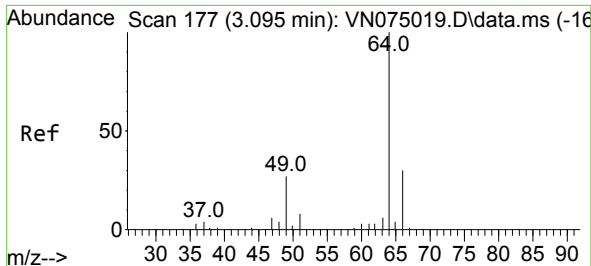
Tgt Ion:168 Resp: 98529
Ion Ratio Lower Upper
168 100
99 59.1 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.948 min Scan# 152
Delta R.T. 0.030 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

Tgt Ion: 94 Resp: 81
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

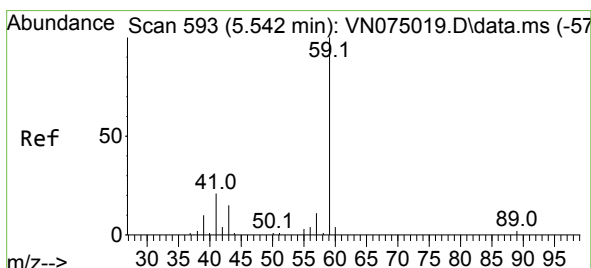
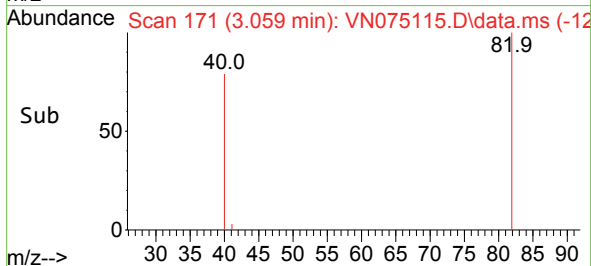
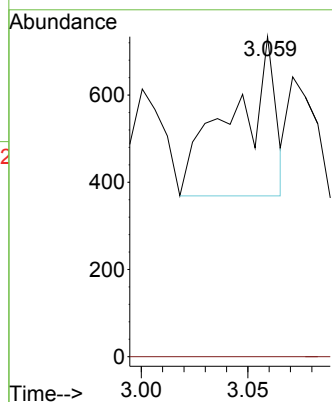
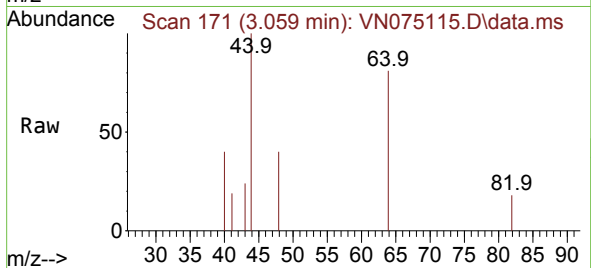




#6
Chloroethane
Concen: 0.367 ug/l
RT: 3.059 min Scan# 11
Delta R.T. -0.036 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

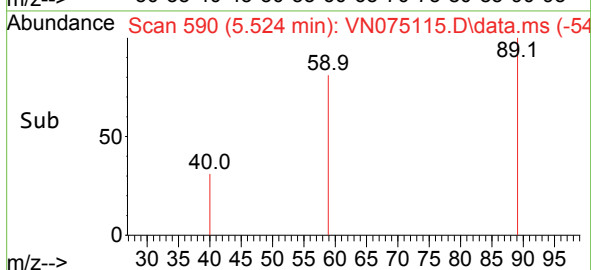
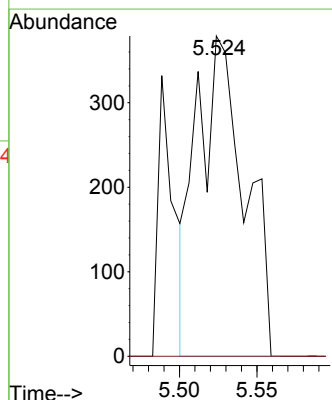
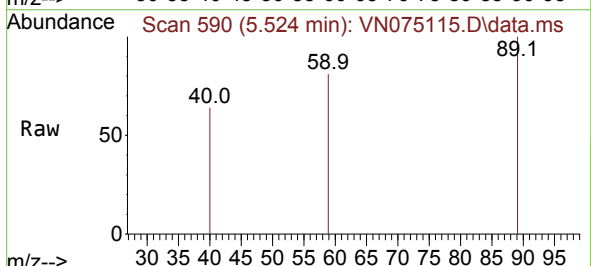
Instrument :
MSVOA_N
ClientSampleId :
TP-D

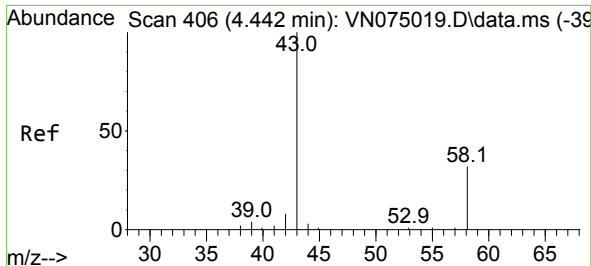
Tgt Ion: 64 Resp: 511
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 2.620 ug/l
RT: 5.524 min Scan# 590
Delta R.T. -0.018 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

Tgt Ion: 59 Resp: 811
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#16

Acetone

Concen: 32.315 ug/l

RT: 4.447 min Scan# 406

Delta R.T. 0.005 min

Lab File: VN075115.D

Acq: 02 Nov 2022 14:27

Instrument :

MSVOA_N

ClientSampleId :

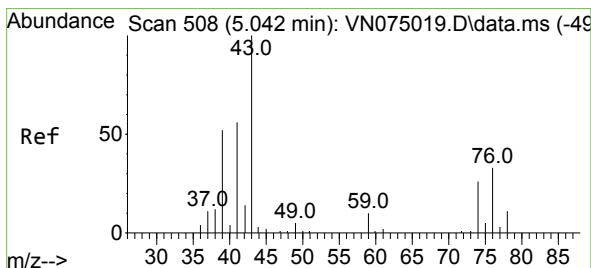
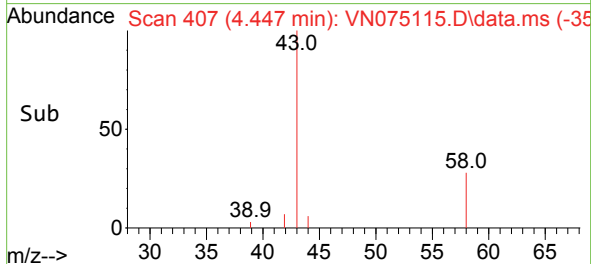
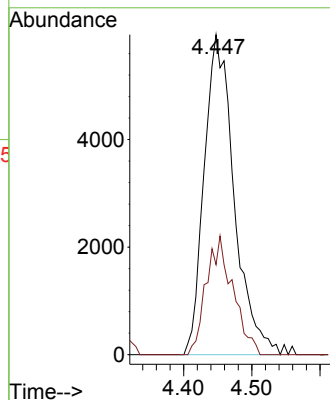
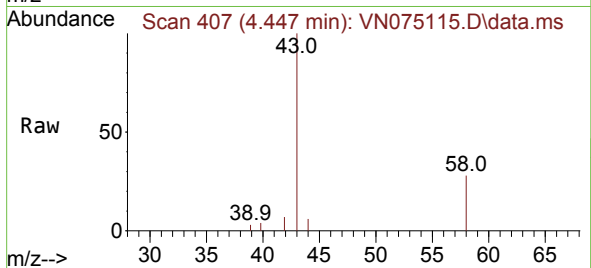
TP-D

Tgt Ion: 43 Resp: 18165

Ion Ratio Lower Upper

43 100

58 28.1 25.5 38.3



#18

Methyl Acetate

Concen: 1.247 ug/l

RT: 5.053 min Scan# 510

Delta R.T. 0.011 min

Lab File: VN075115.D

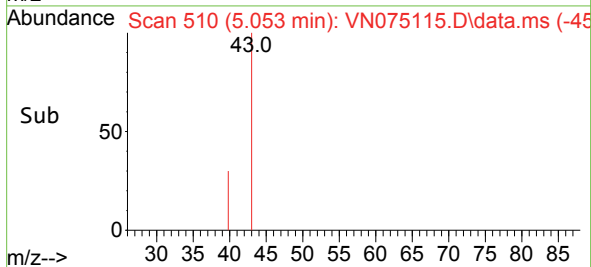
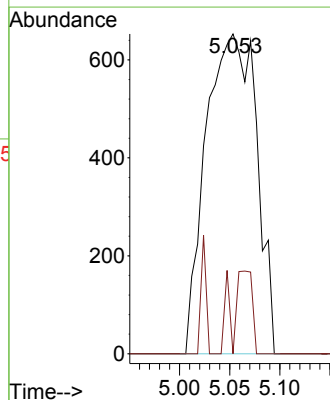
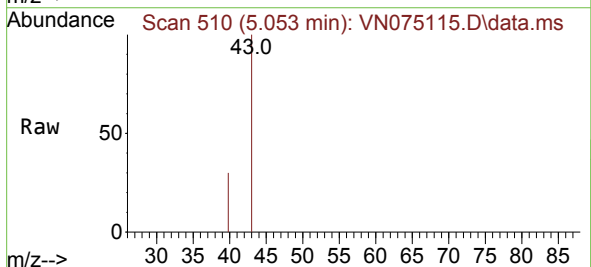
Acq: 02 Nov 2022 14:27

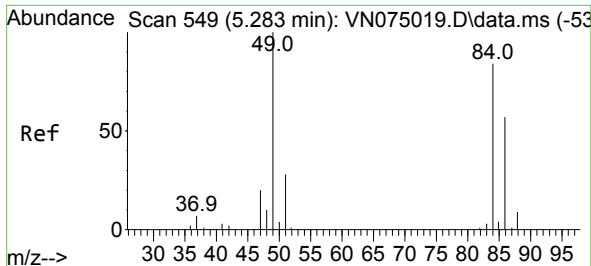
Tgt Ion: 43 Resp: 2289

Ion Ratio Lower Upper

43 100

74 10.4 22.0 33.0#

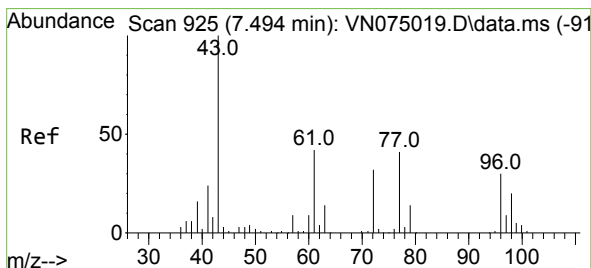
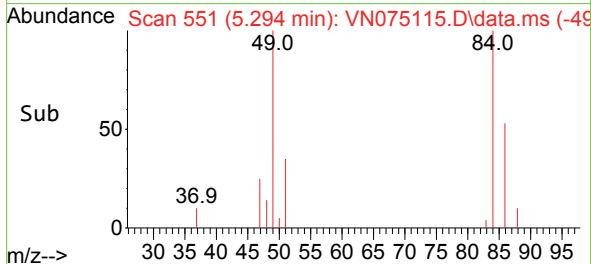
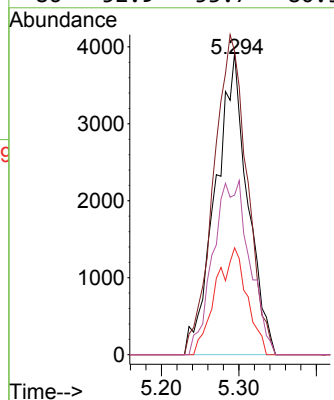
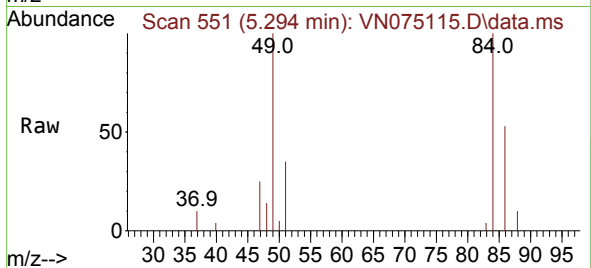




#20
Methylene Chloride
Concen: 9.004 ug/l
RT: 5.294 min Scan# 511
Delta R.T. 0.011 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

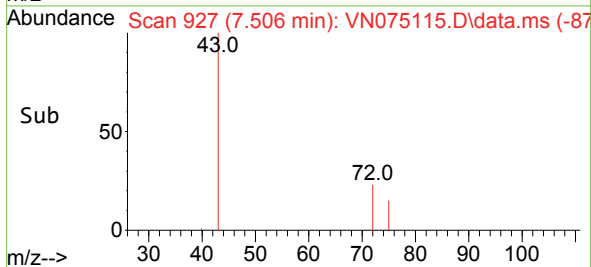
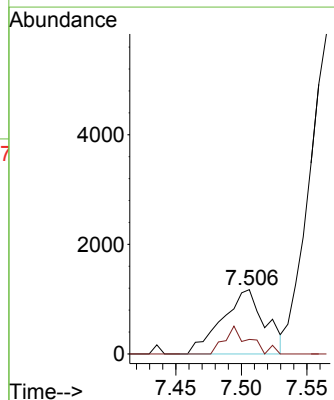
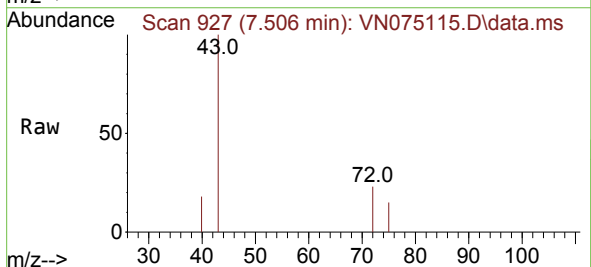
Instrument :
MSVOA_N
ClientSampleId :
TP-D

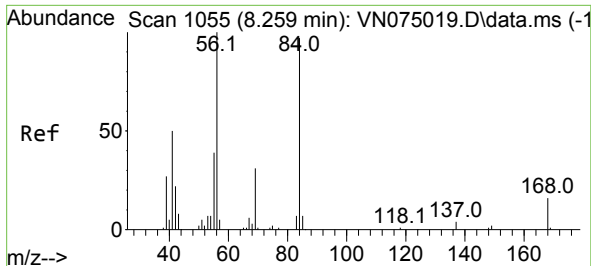
Tgt Ion: 84	Resp: 11285
Ion Ratio	Lower Upper
84 100	
49 100.5	94.9 142.3
51 35.4	26.8 40.2
86 52.9	53.7 80.5#



#25
2-Butanone
Concen: 2.994 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.012 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

Tgt Ion: 43	Resp: 2647		
Ion Ratio	Lower	Upper	
43 100			
72 22.8	25.5	38.3#	

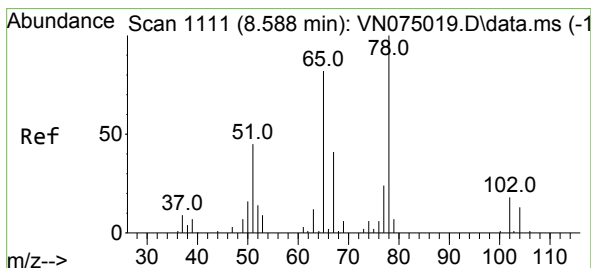
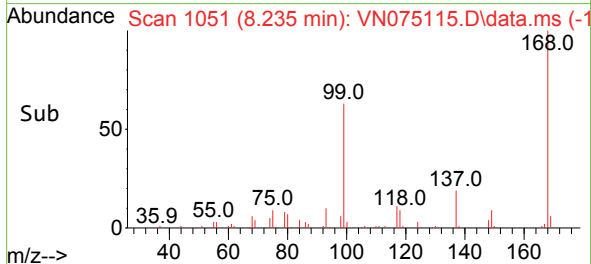
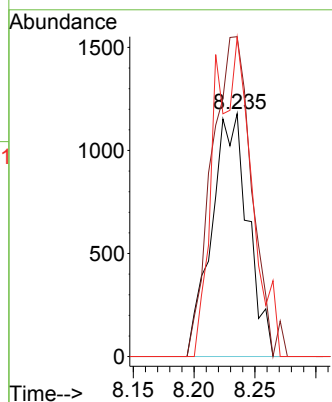
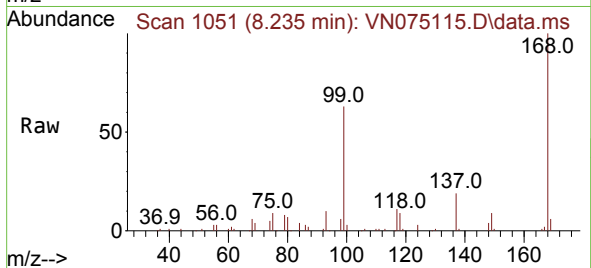




#31
Cyclohexane
Concen: 1.239 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.024 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

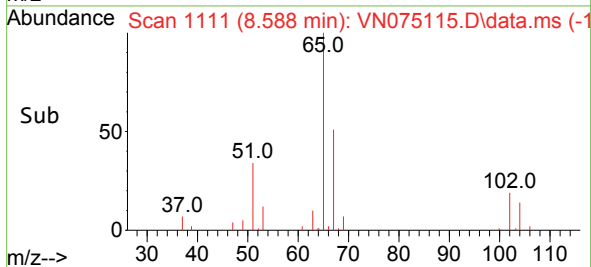
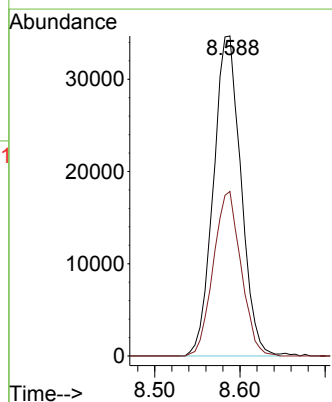
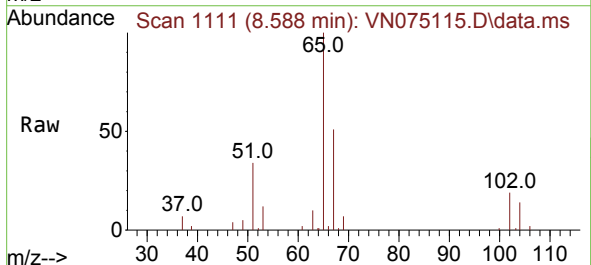
Instrument :
MSVOA_N
ClientSampleId :
TP-D

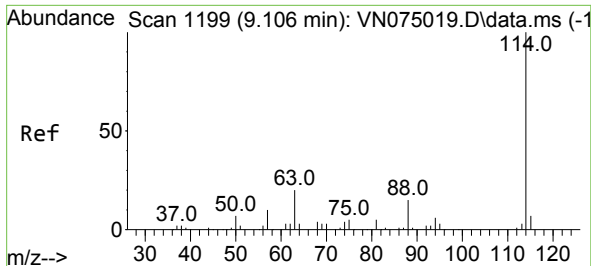
Tgt Ion: 56 Resp: 2447
Ion Ratio Lower Upper
56 100
69 131.6 25.2 37.8#
84 131.3 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 58.734 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

Tgt Ion: 65 Resp: 77973
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.0

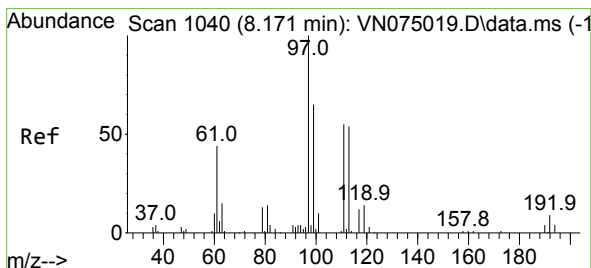
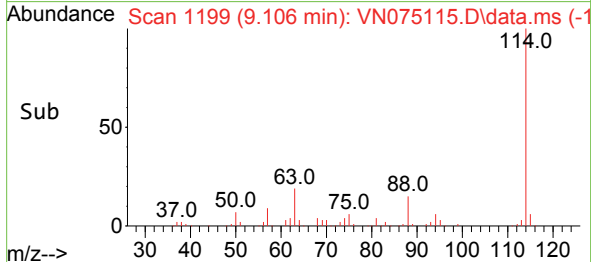
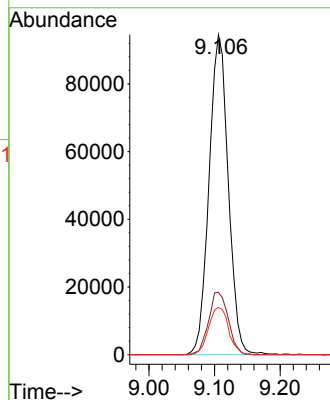
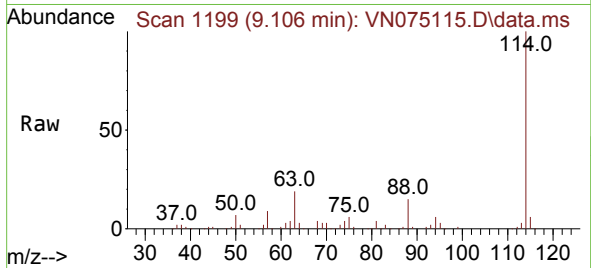




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

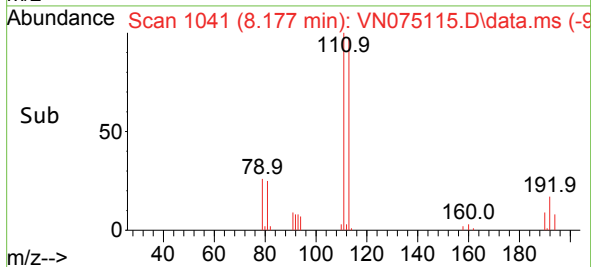
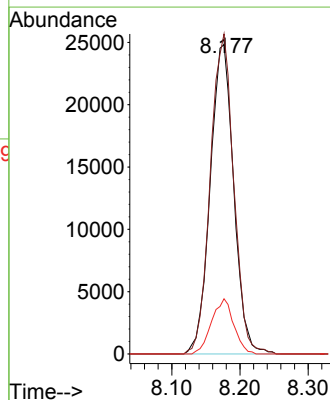
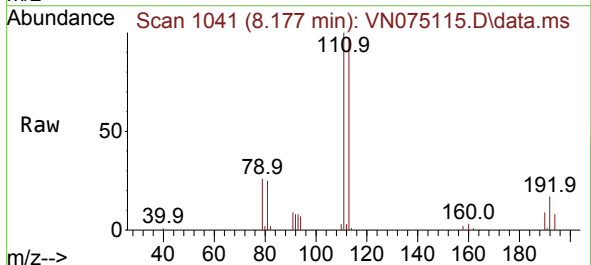
Instrument :
MSVOA_N
ClientSampleId :
TP-D

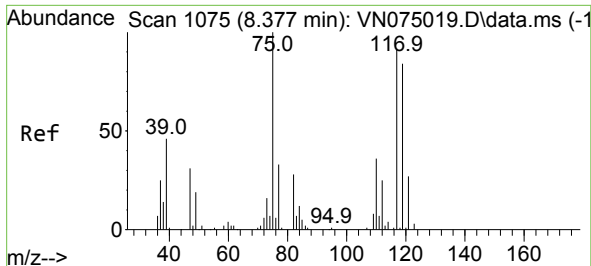
Tgt Ion:114 Resp: 192533
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.6
88 14.7 0.0 29.0



#35
Dibromofluoromethane
Concen: 52.806 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

Tgt Ion:113 Resp: 59685
Ion Ratio Lower Upper
113 100
111 102.6 80.5 120.7
192 16.8 13.2 19.8





#36

1,1-Dichloropropene

Concen: 5.145 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.142 min

Lab File: VN075115.D

Acq: 02 Nov 2022 14:27

Instrument :

MSVOA_N

ClientSampleId :

TP-D

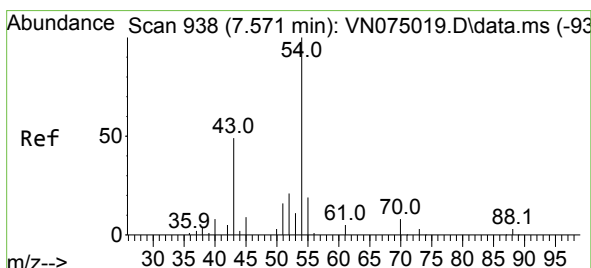
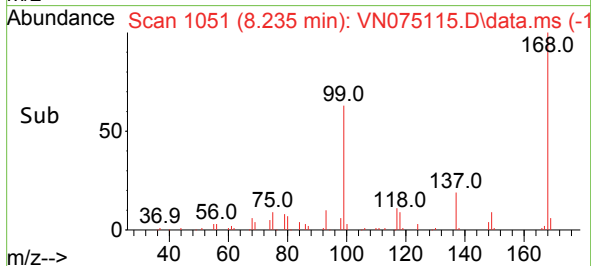
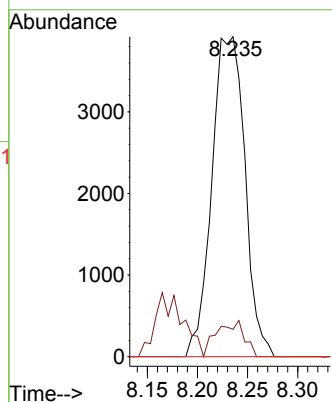
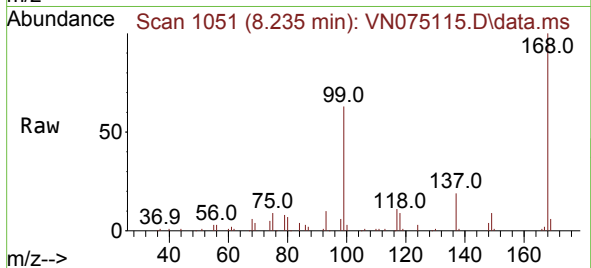
Tgt Ion: 75 Resp: 9003

Ion Ratio Lower Upper

75 100

110 9.3 17.8 53.3#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 8.714 ug/l

RT: 7.571 min Scan# 938

Delta R.T. -0.000 min

Lab File: VN075115.D

Acq: 02 Nov 2022 14:27

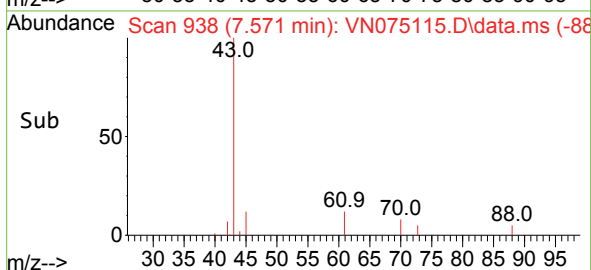
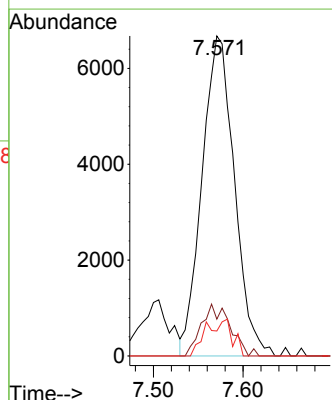
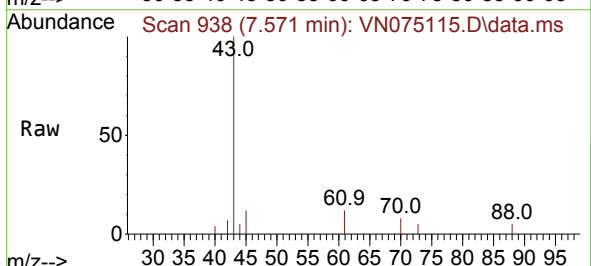
Tgt Ion: 43 Resp: 16722

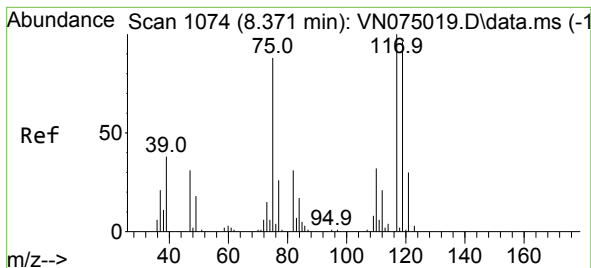
Ion Ratio Lower Upper

43 100

61 14.5 12.2 18.4

70 9.4 9.4 14.2#





#38

Carbon Tetrachloride

Concen: 5.878 ug/l

RT: 8.230 min Scan# 110

Delta R.T. -0.141 min

Lab File: VN075115.D

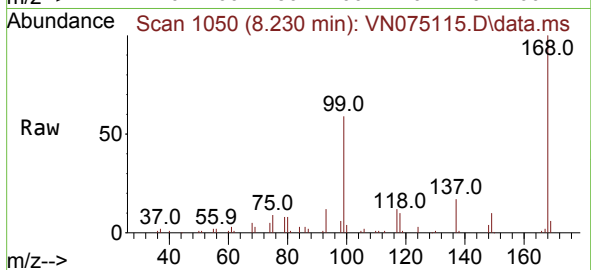
Acq: 02 Nov 2022 14:27

Instrument :

MSVOA_N

ClientSampleId :

TP-D



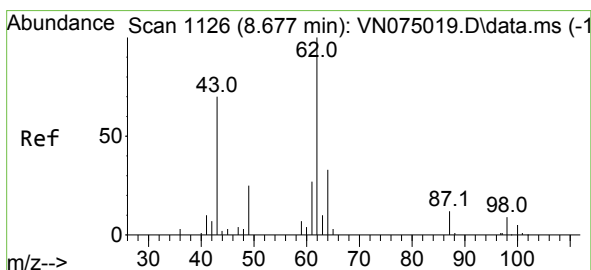
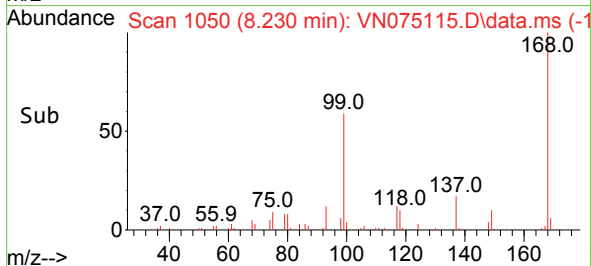
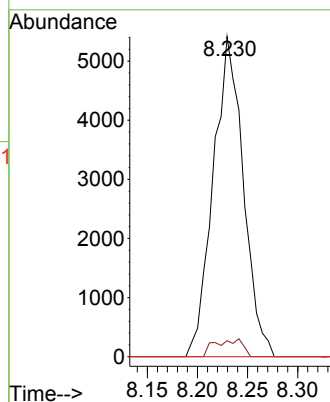
Tgt Ion:117 Resp: 11315

Ion Ratio Lower Upper

117 100

119 5.0 76.7 115.1#

121 0.0 23.9 35.9#



#42

1,2-Dichloroethane

Concen: 0.342 ug/l

RT: 8.688 min Scan# 1128

Delta R.T. 0.011 min

Lab File: VN075115.D

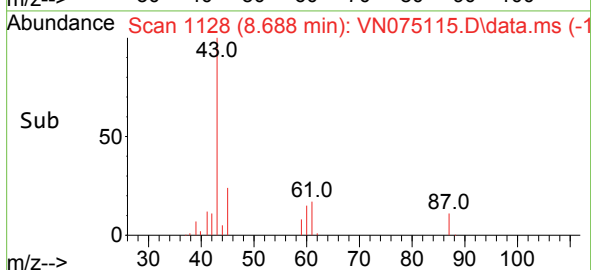
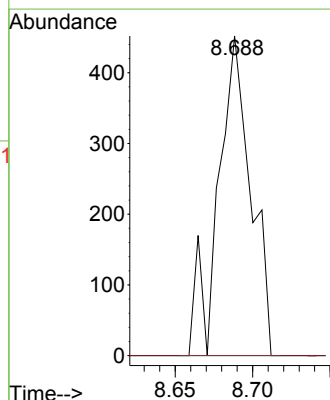
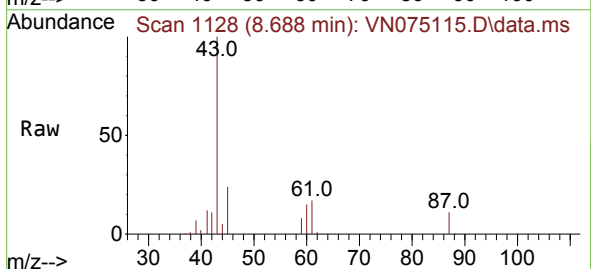
Acq: 02 Nov 2022 14:27

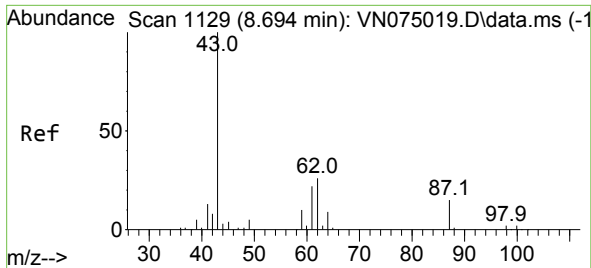
Tgt Ion: 62 Resp: 666

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.2

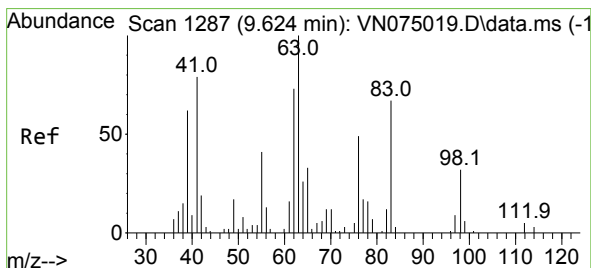
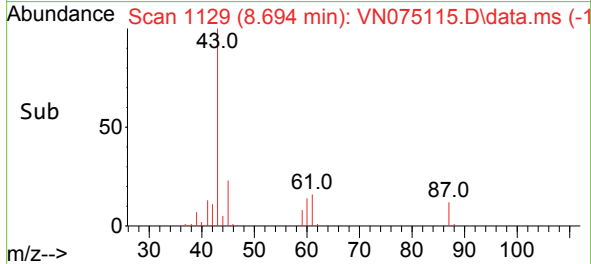
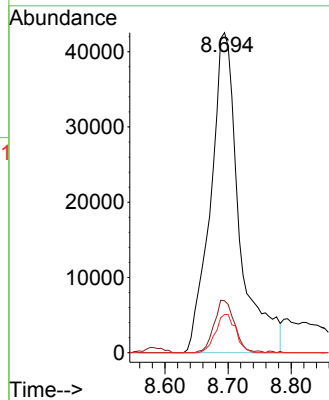
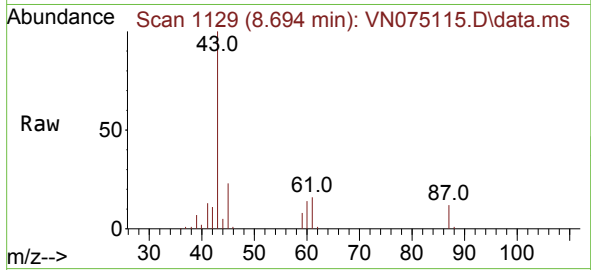




#43
Isopropyl Acetate
Concen: 45.201 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

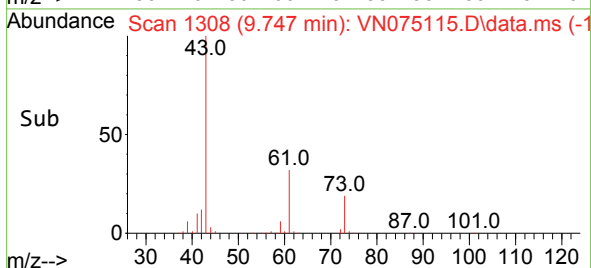
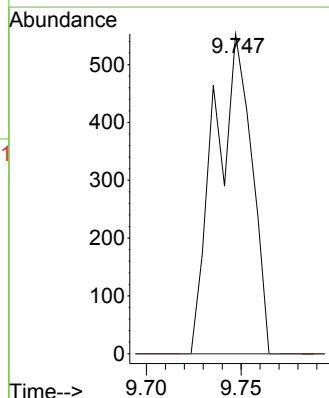
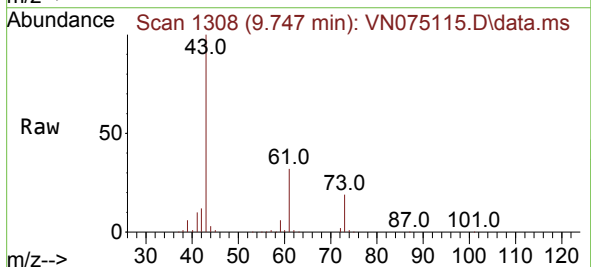
Instrument :
MSVOA_N
ClientSampleId :
TP-D

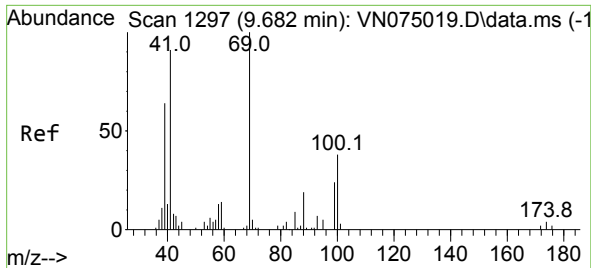
Tgt Ion: 43 Resp: 134549
Ion Ratio Lower Upper
43 100
61 11.7 22.4 33.6#
87 8.4 12.5 18.7#



#45
1,2-Dichloropropane
Concen: 0.591 ug/l
RT: 9.747 min Scan# 1308
Delta R.T. 0.123 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

Tgt Ion: 63 Resp: 754
Ion Ratio Lower Upper
63 100
65 0.0 26.1 39.1#

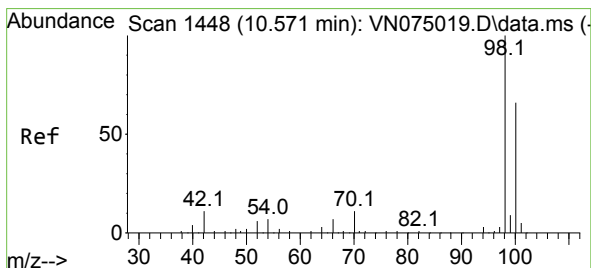
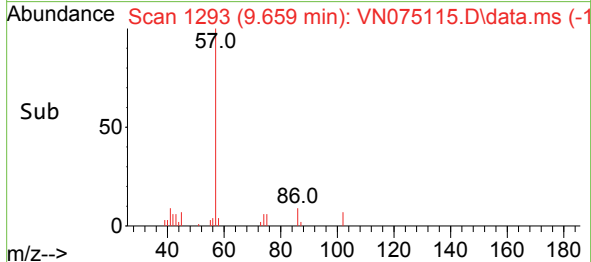
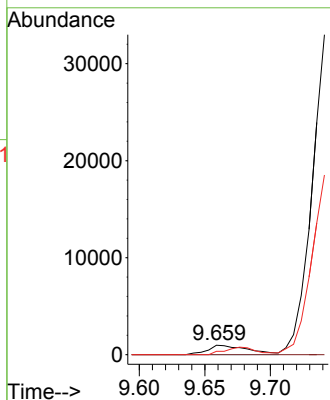
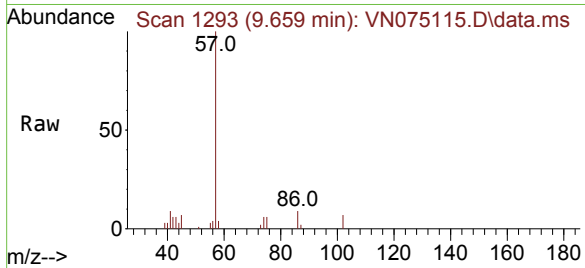




#48
Methyl methacrylate
Concen: 1.534 ug/l
RT: 9.659 min Scan# 1293
Delta R.T. -0.023 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

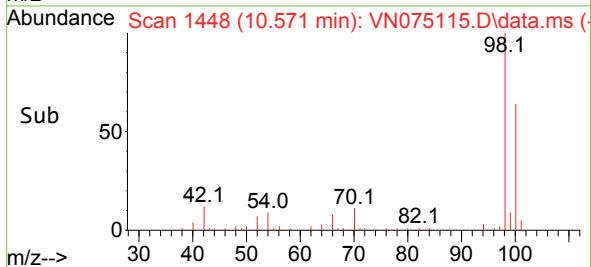
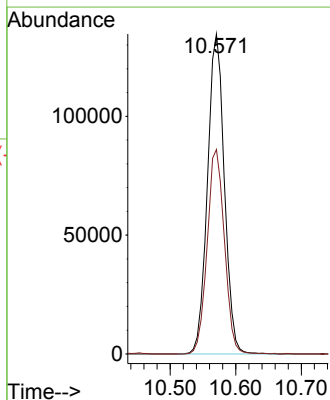
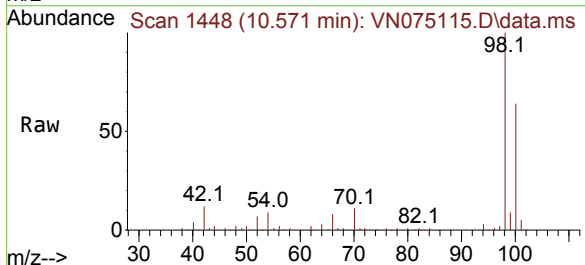
Instrument :
MSVOA_N
ClientSampleId :
TP-D

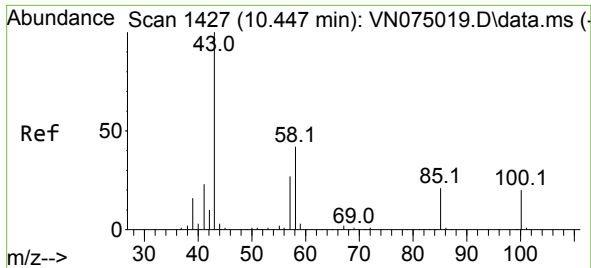
Tgt Ion: 41 Resp: 2095
Ion Ratio Lower Upper
41 100
69 0.0 80.2 120.2#
39 64.0 56.2 84.2



#50
Toluene-d8
Concen: 54.948 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

Tgt Ion: 98 Resp: 240952
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.6

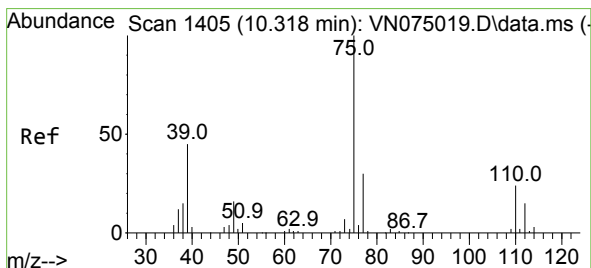
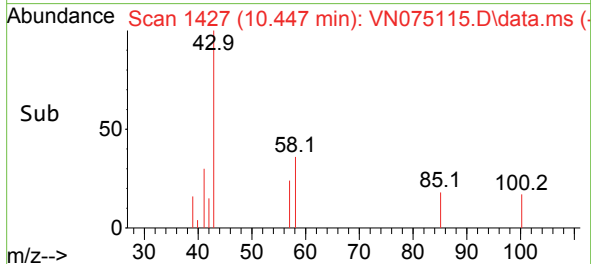
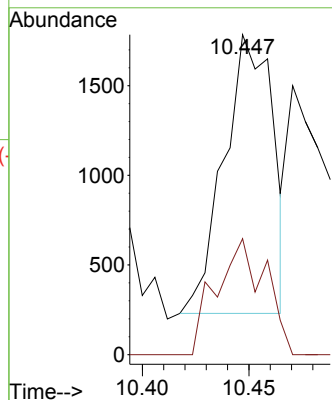
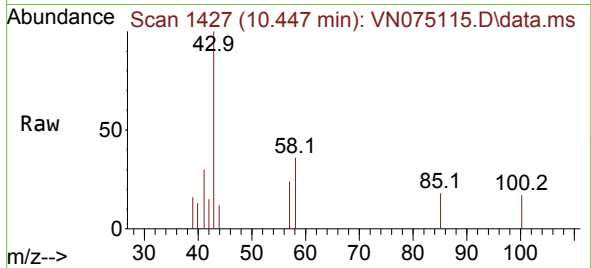




#51
4-Methyl-2-Pentanone
Concen: 1.295 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

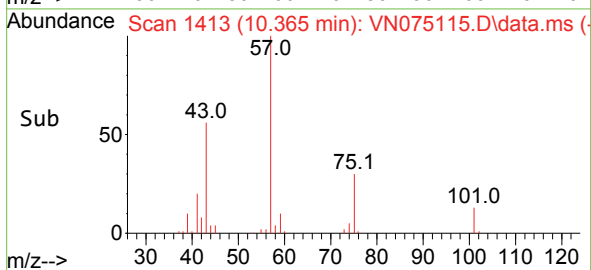
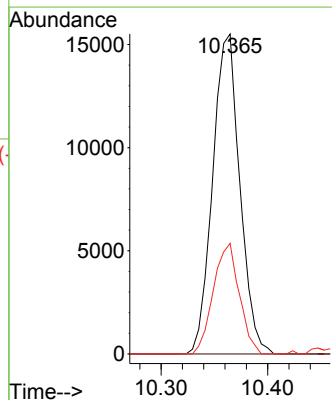
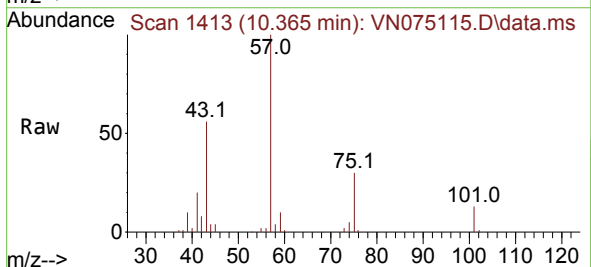
Instrument :
MSVOA_N
ClientSampleId :
TP-D

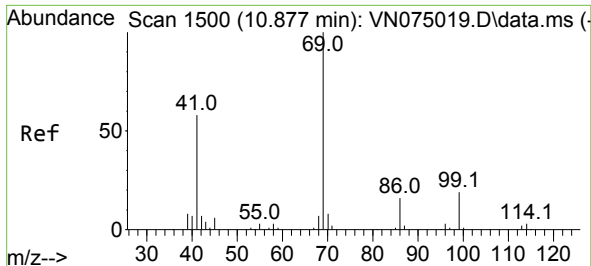
Tgt Ion: 43 Resp: 2488
Ion Ratio Lower Upper
43 100
58 41.7 33.6 50.4



#54
cis-1,3-Dichloropropene
Concen: 12.743 ug/l
RT: 10.365 min Scan# 1413
Delta R.T. 0.047 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

Tgt Ion: 75 Resp: 27443
Ion Ratio Lower Upper
75 100
77 0.0 23.7 35.5#
39 34.5 35.8 53.6#

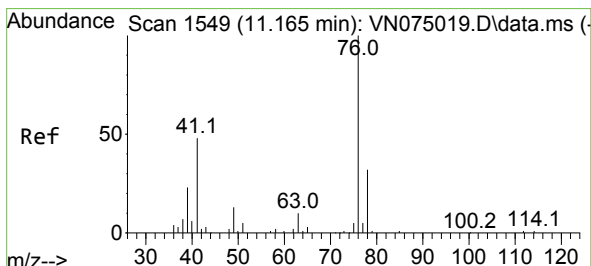
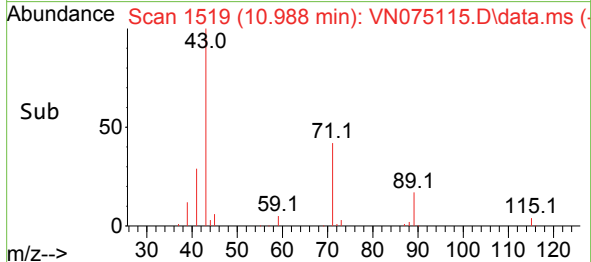
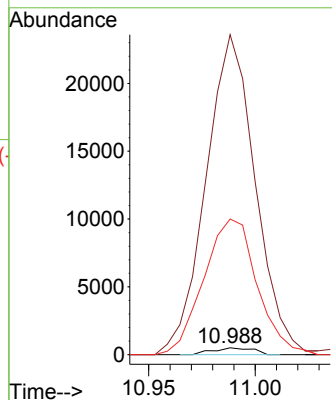
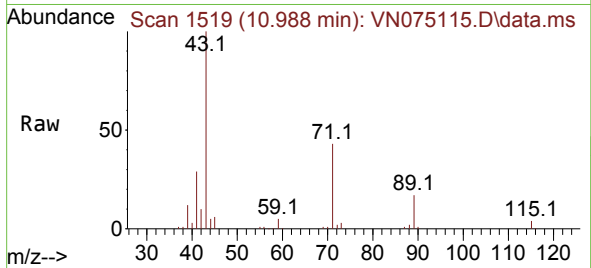




#56
Ethyl methacrylate
Concen: 0.309 ug/l
RT: 10.988 min Scan# 1519
Delta R.T. 0.111 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

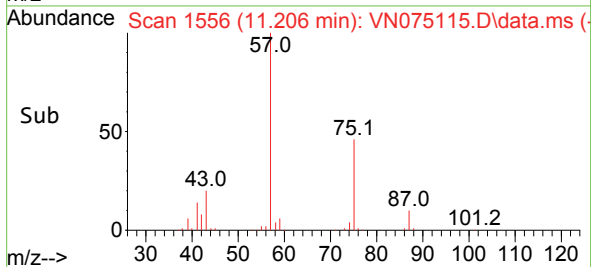
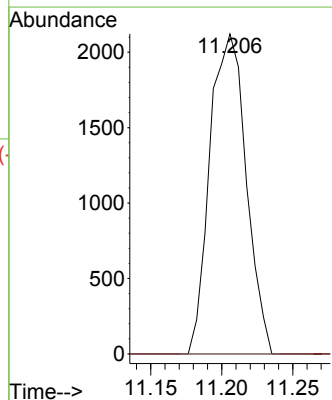
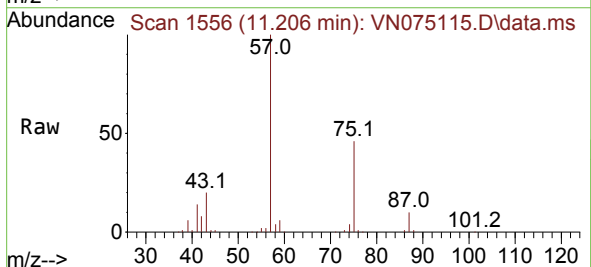
Instrument :
MSVOA_N
ClientSampleId :
TP-D

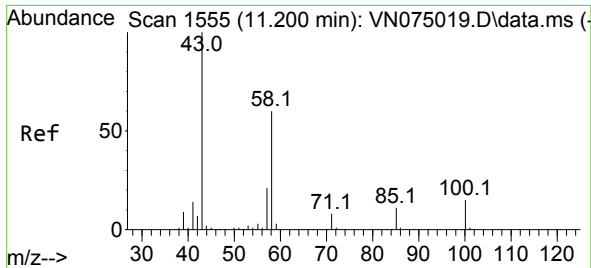
Tgt Ion: 69 Resp: 670
Ion Ratio Lower Upper
69 100
41 5748.2 45.6 68.4#
39 2607.5 28.5 42.7#



#57
1,3-Dichloropropane
Concen: 1.593 ug/l
RT: 11.206 min Scan# 1556
Delta R.T. 0.041 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

Tgt Ion: 76 Resp: 3767
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

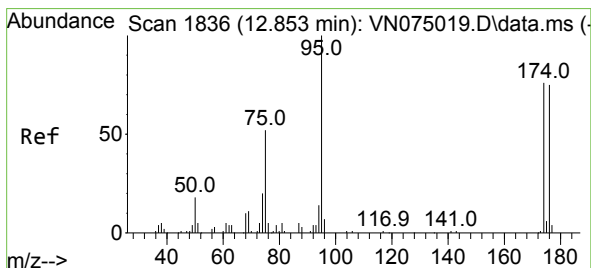
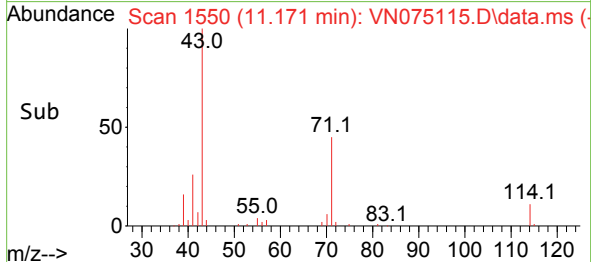
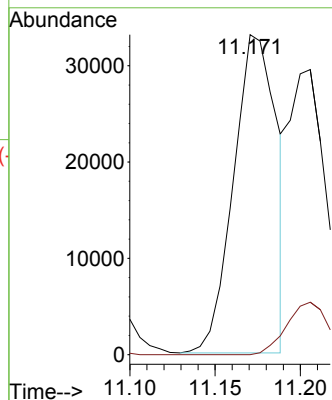
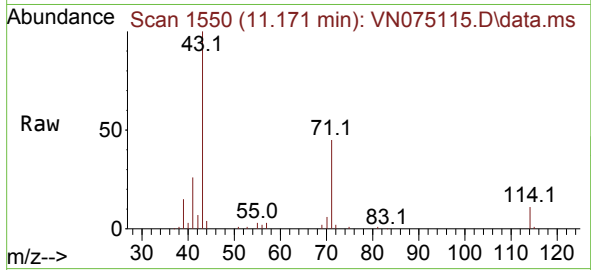




#59
2-Hexanone
Concen: 39.822 ug/l
RT: 11.171 min Scan# 1550
Delta R.T. -0.029 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

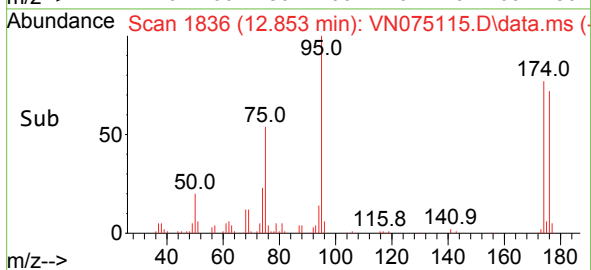
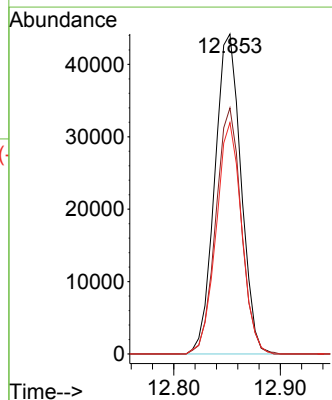
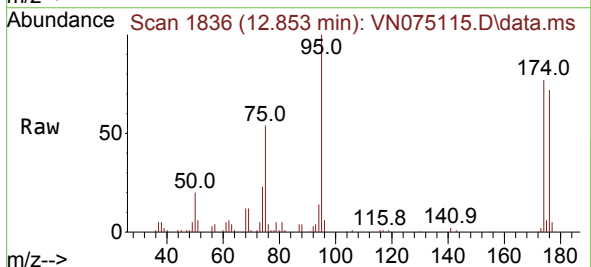
Instrument :
MSVOA_N
ClientSampleId :
TP-D

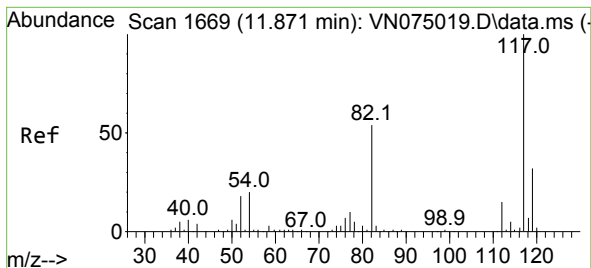
Tgt Ion: 43 Resp: 58055
Ion Ratio Lower Upper
43 100
58 0.0 29.6 88.8#



#62
4-Bromofluorobenzene
Concen: 49.086 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

Tgt Ion: 95 Resp: 75613
Ion Ratio Lower Upper
95 100
174 74.4 0.0 147.4
176 70.2 0.0 142.2

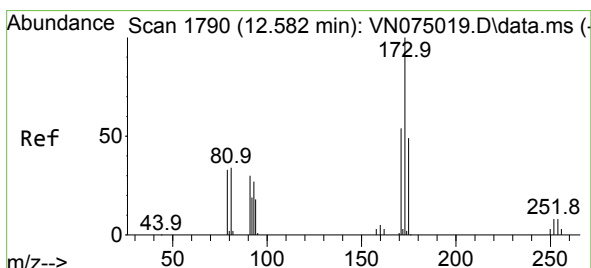
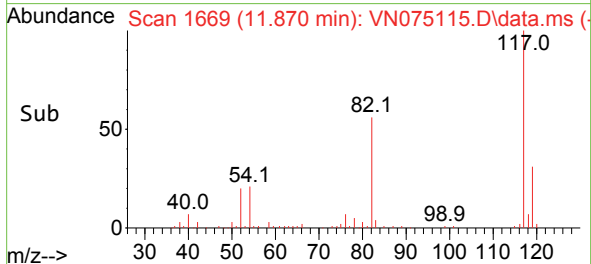
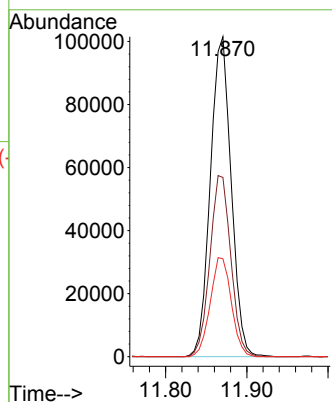
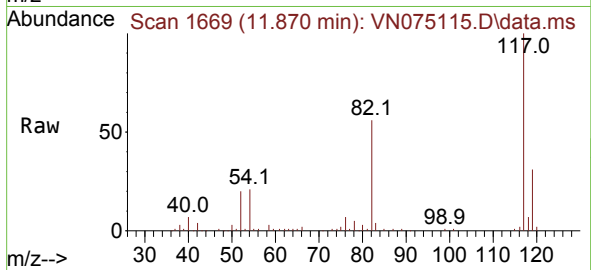




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

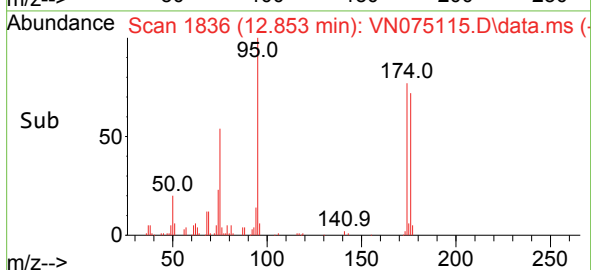
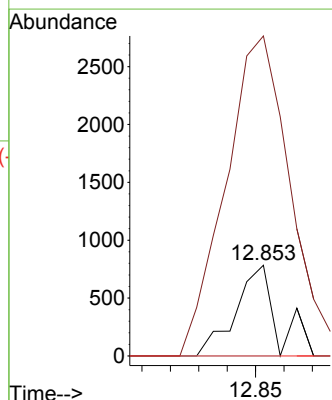
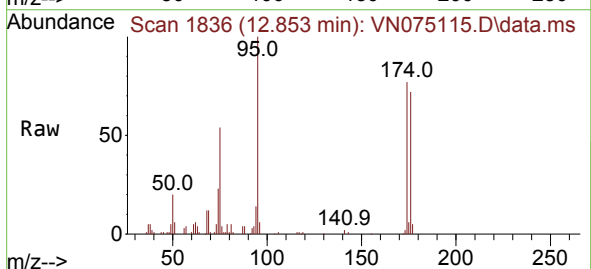
Instrument :
MSVOA_N
ClientSampleId :
TP-D

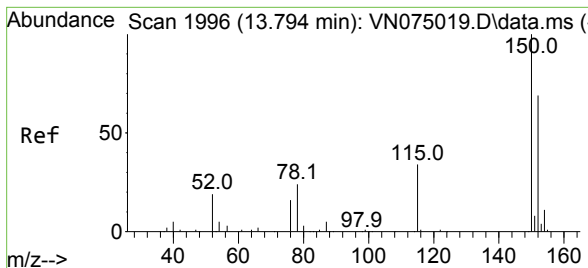
Tgt Ion:117 Resp: 180762
Ion Ratio Lower Upper
117 100
82 56.0 43.1 64.7
119 30.6 25.5 38.3



#71
Bromoform
Concen: 0.610 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

Tgt Ion:173 Resp: 654
Ion Ratio Lower Upper
173 100
175 566.5 24.6 74.0#
254 0.0 0.0 0.0

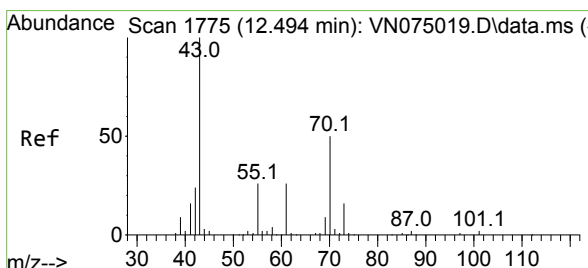
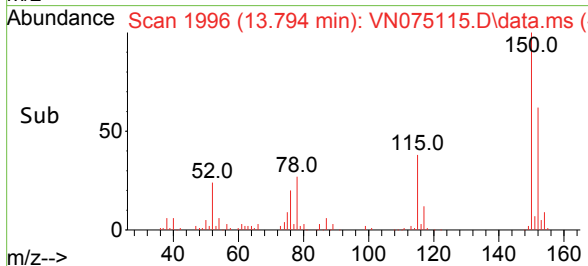
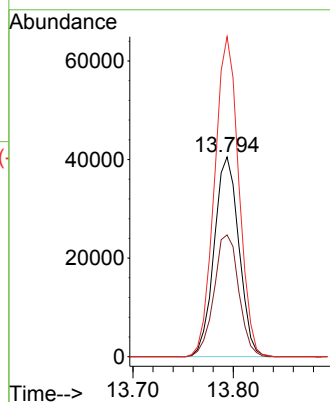
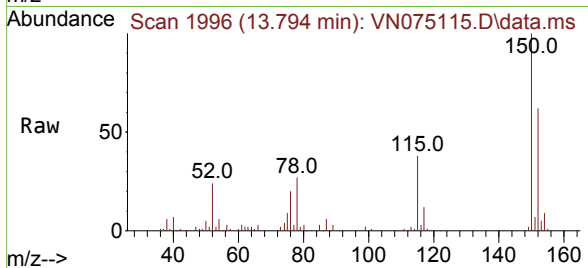




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

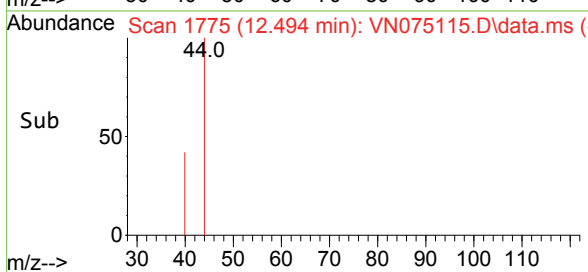
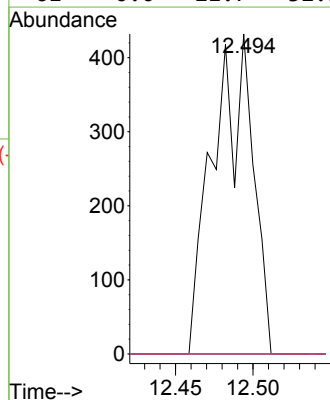
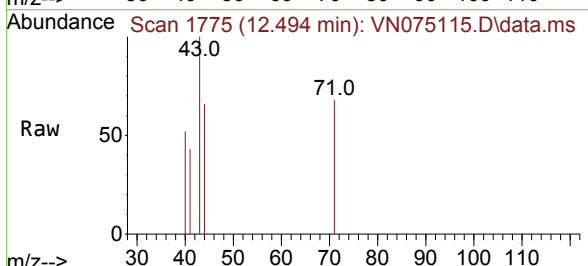
Instrument :
MSVOA_N
ClientSampleId :
TP-D

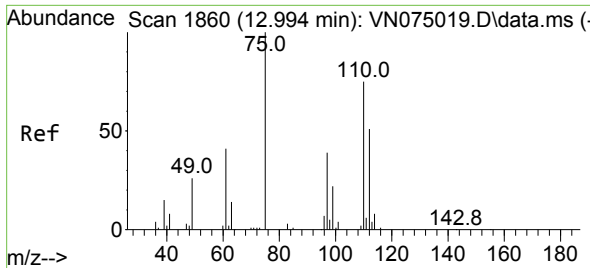
Tgt Ion:152 Resp: 69336
Ion Ratio Lower Upper
152 100
115 61.1 30.2 90.6
150 157.2 0.0 348.4



#74
N-ethyl acetate
Concen: 0.371 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

Tgt Ion: 43 Resp: 763
Ion Ratio Lower Upper
43 100
70 0.0 39.8 59.8#
55 0.0 19.9 29.9#
61 0.0 21.7 32.5#

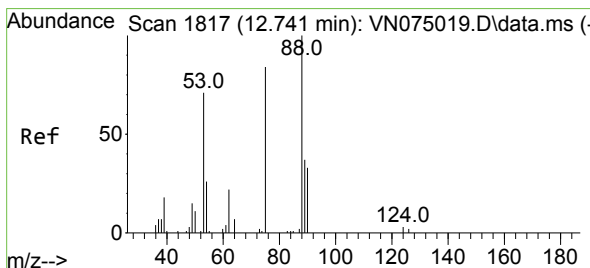
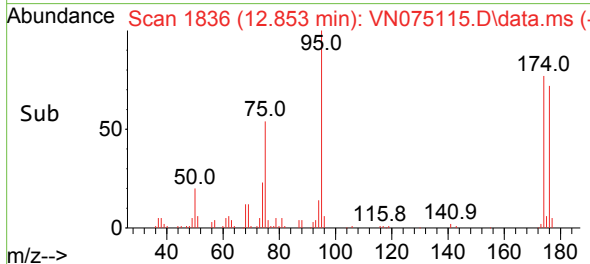
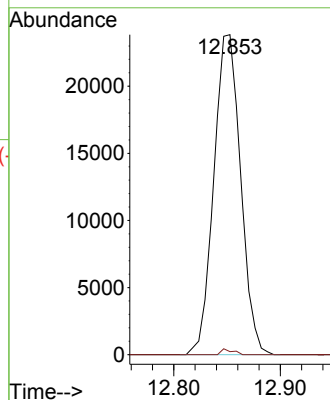
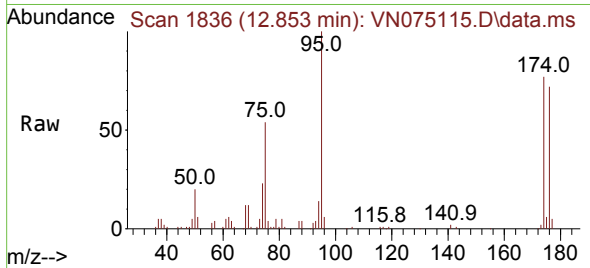




#76
1,2,3-Trichloropropane
Concen: 28.331 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

Instrument :
MSVOA_N
ClientSampleId :
TP-D

Tgt Ion: 75 Resp: 41708
Ion Ratio Lower Upper
75 100
77 0.8 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.724 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075115.D
Acq: 02 Nov 2022 14:27

Tgt Ion: 75 Resp: 41708
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

