

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031122\
 Data File : VN071245.D
 Acq On : 11 Mar 2022 13:06
 Operator : JC\MD
 Sample : N1763-04ME
 Misc : 5.22g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 12 02:16:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.075	168	772191	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.957	114	1270153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1126012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	459342	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	491820	46.472	ug/l	-0.01
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.940%
35) Dibromofluoromethane	8.010	113	359940	44.908	ug/l	-0.01
Spiked Amount	50.000	Range	69 - 133	Recovery	=	89.820%
50) Toluene-d8	10.433	98	1541824	47.777	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.560%
62) 4-Bromofluorobenzene	12.727	95	504392	46.157	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.320%

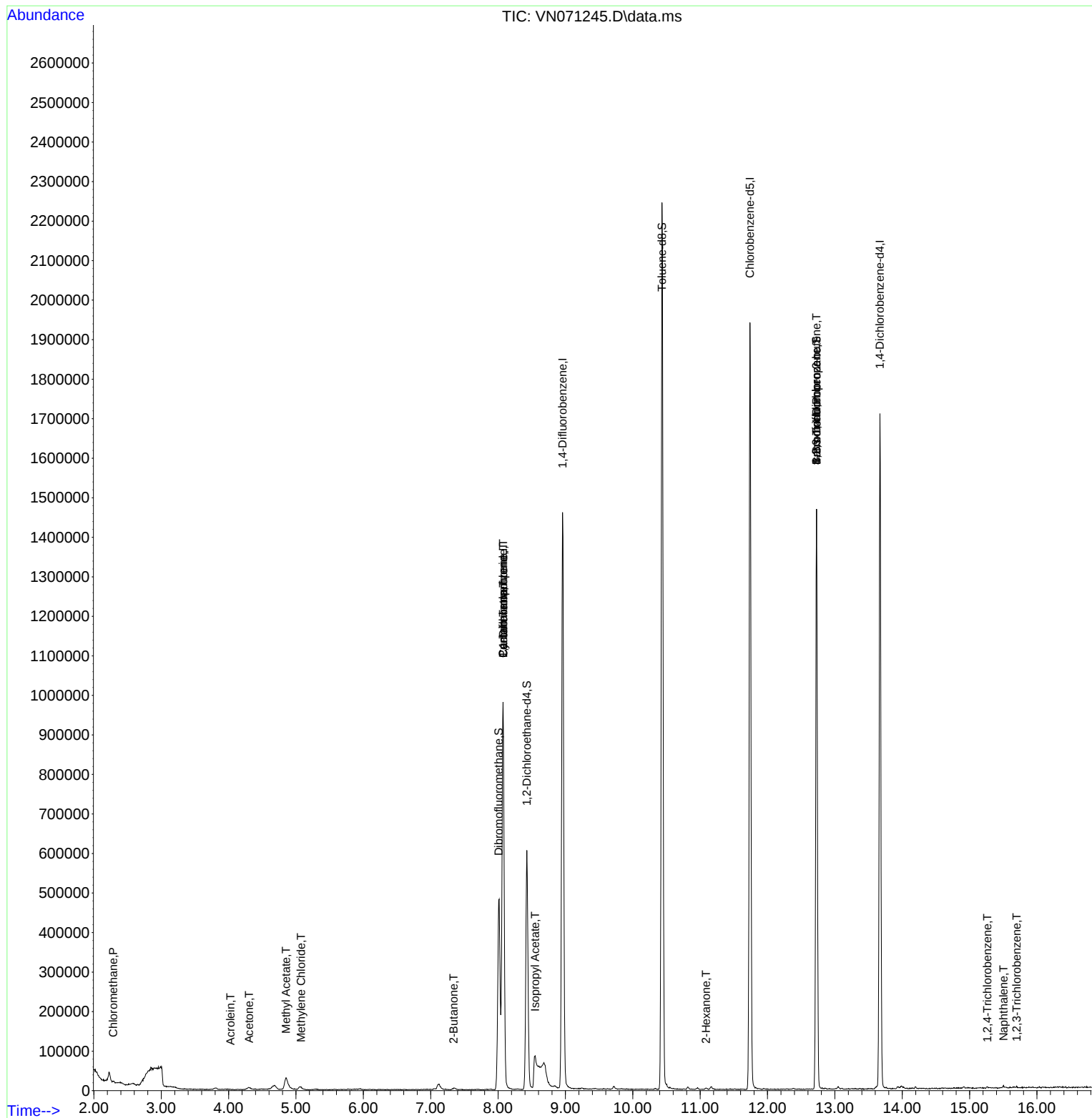
Target Compounds						Qvalue
3) Chloromethane	2.287	50	4408	0.354	ug/l #	84
5) Bromomethane	2.804	94	2386	Below Cal		93
13) Acrolein	4.028	56	576	0.262	ug/l	83
16) Acetone	4.304	43	9490	1.843	ug/l	91
18) Methyl Acetate	4.851	43	76815	5.972	ug/l	95
20) Methylene Chloride	5.075	84	6012	1.016	ug/l #	86
25) 2-Butanone	7.339	43	7983	0.962	ug/l	93
31) Cyclohexane	8.075	56	15429	0.913	ug/l #	6
36) 1,1-Dichloropropene	8.075	75	60777	4.733	ug/l #	49
38) Carbon Tetrachloride	8.075	117	76037	6.121	ug/l #	16
43) Isopropyl Acetate	8.551	43	105146	3.978	ug/l #	56
59) 2-Hexanone	11.086	43	2778	0.248	ug/l	80
71) Bromoform	12.727	173	2982	0.443	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.827	83	435	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.727	75	260453	21.803	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	260453	61.294	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.262	180	1077	3.124	ug/l	86
95) Naphthalene	15.504	128	4538	5.261	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	1341	2.908	ug/l	93

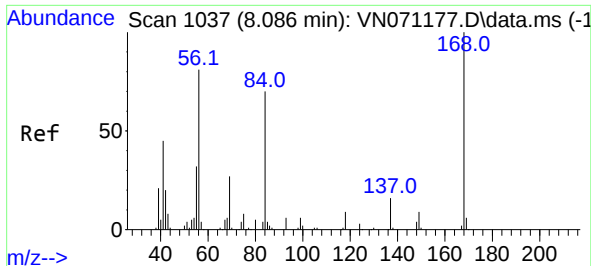
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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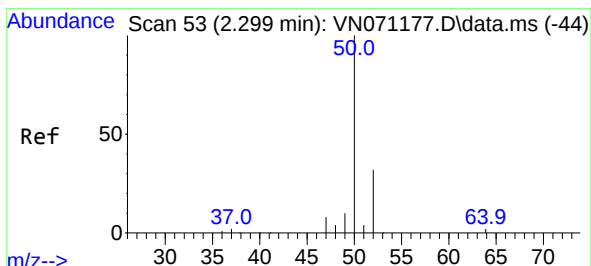
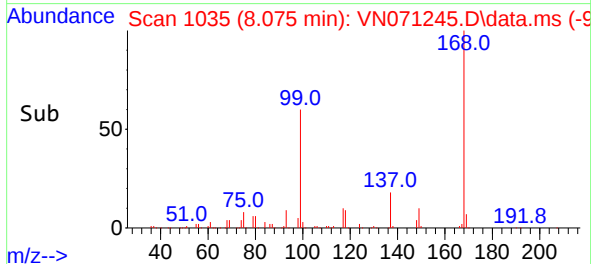
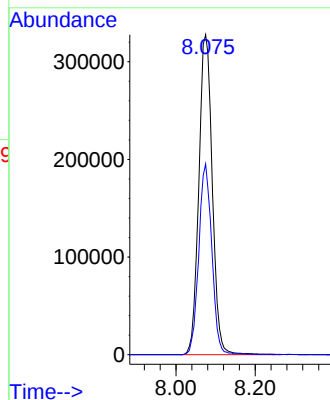
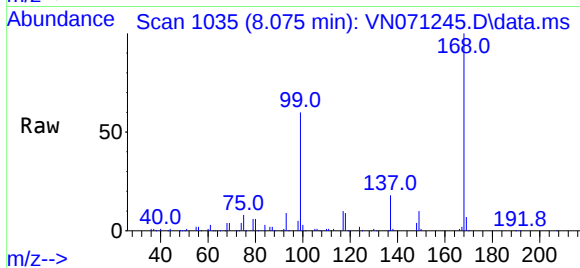




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.075 min Scan# 10
Delta R.T. -0.011 min
Lab File: VN071245.D
Acq: 11 Mar 2022 13:06

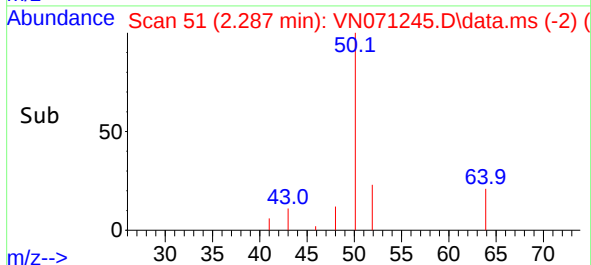
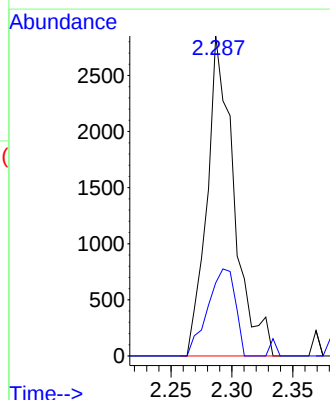
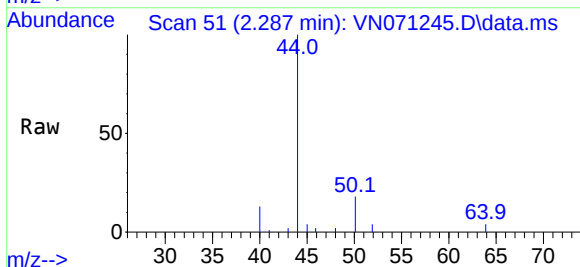
Instrument :
MSVOA_N
ClientSampleId :

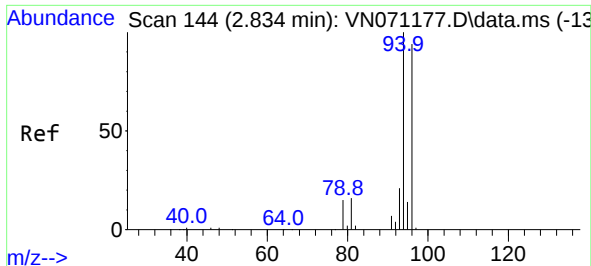
Tgt Ion:168 Resp: 772191
Ion Ratio Lower Upper
168 100
99 59.6 41.3 61.9



#3
Chloromethane
Concen: 0.354 ug/l
RT: 2.287 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071245.D
Acq: 11 Mar 2022 13:06

Tgt Ion: 50 Resp: 4408
Ion Ratio Lower Upper
50 100
52 22.8 25.4 38.0#

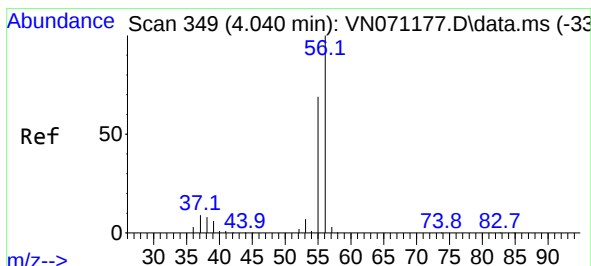
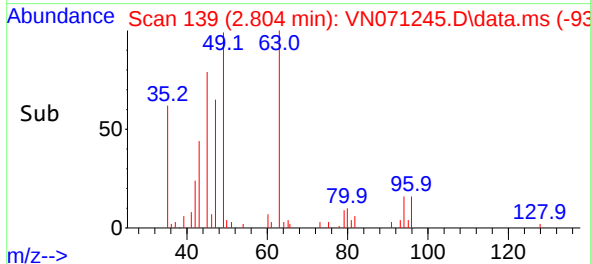
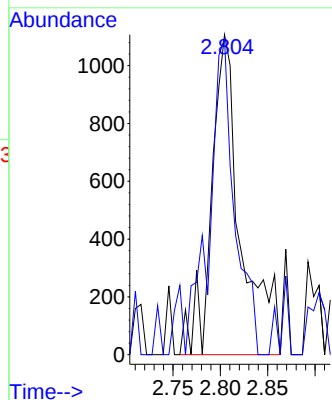
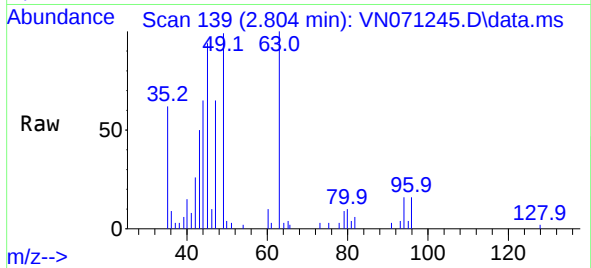




#5
Bromomethane
Concen: Below Cal
RT: 2.804 min Scan# 11
Delta R.T. -0.030 min
Lab File: VN071245.D
Acq: 11 Mar 2022 13:06

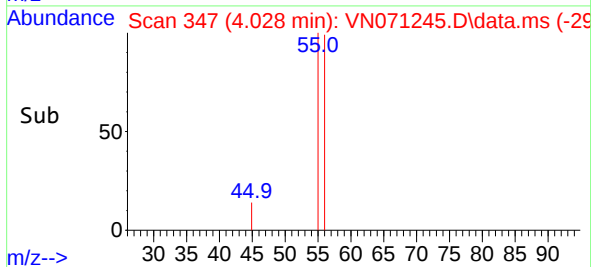
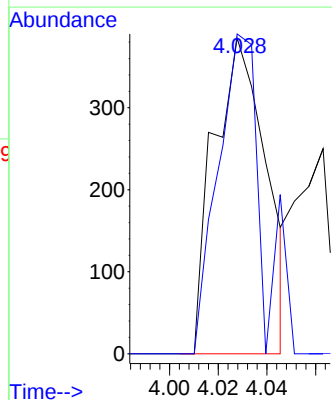
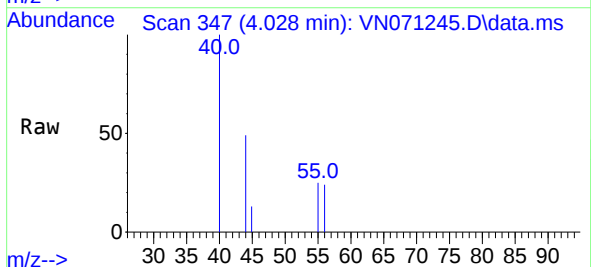
Instrument :
MSVOA_N
ClientSampleId :

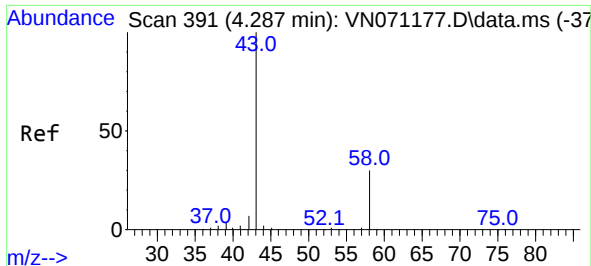
Tgt Ion: 94 Resp: 2386
Ion Ratio Lower Upper
94 100
96 98.8 73.8 110.8



#13
Acrolein
Concen: 0.262 ug/l
RT: 4.028 min Scan# 347
Delta R.T. -0.012 min
Lab File: VN071245.D
Acq: 11 Mar 2022 13:06

Tgt Ion: 56 Resp: 576
Ion Ratio Lower Upper
56 100
55 84.5 56.6 85.0

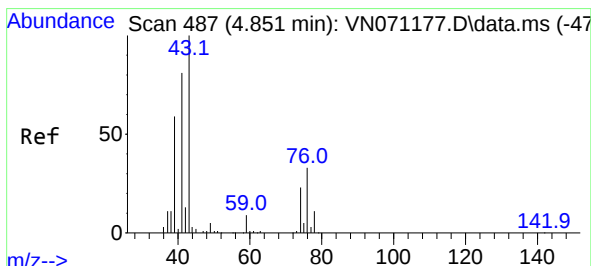
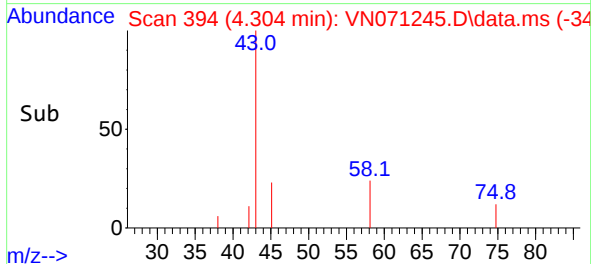
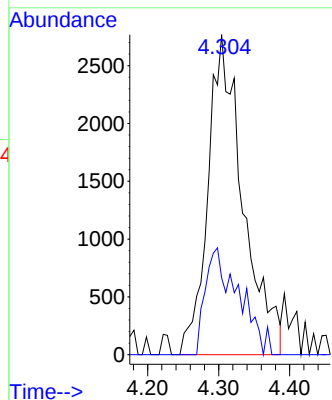
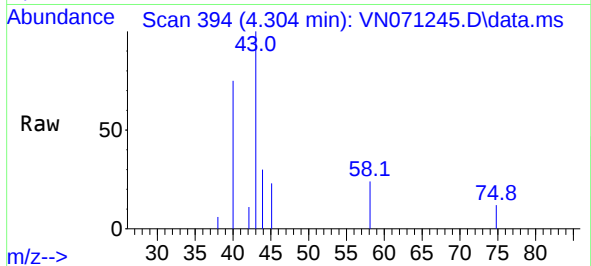




#16
Acetone
Concen: 1.843 ug/l
RT: 4.304 min Scan# 391
Delta R.T. 0.018 min
Lab File: VN071245.D
Acq: 11 Mar 2022 13:06

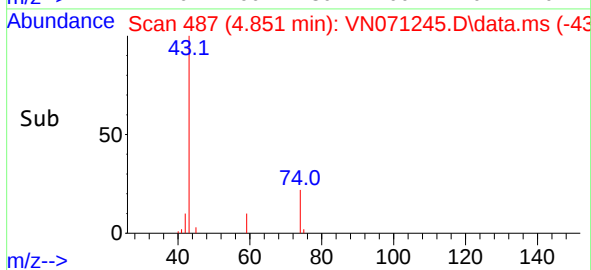
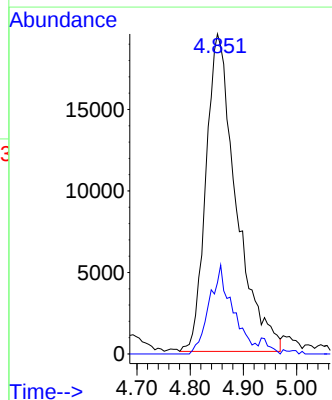
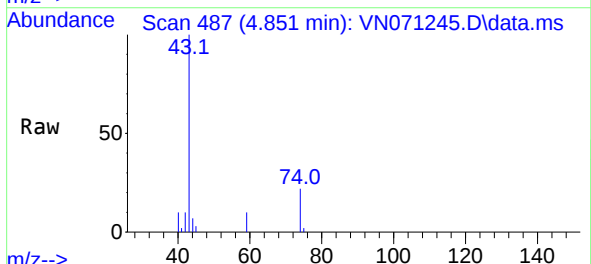
Instrument :
MSVOA_N
ClientSampleId :

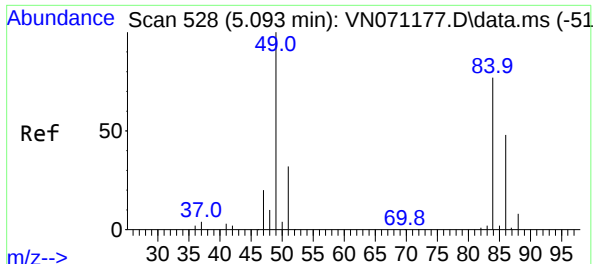
Tgt Ion: 43 Resp: 9490
Ion Ratio Lower Upper
43 100
58 24.0 23.1 34.7



#18
Methyl Acetate
Concen: 5.972 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071245.D
Acq: 11 Mar 2022 13:06

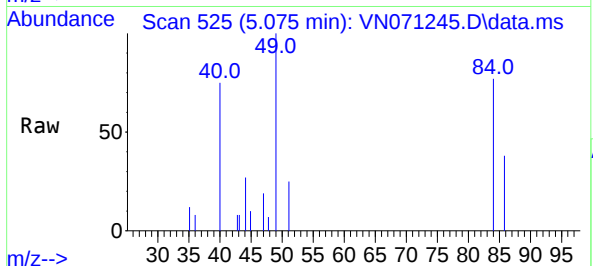
Tgt Ion: 43 Resp: 76815
Ion Ratio Lower Upper
43 100
74 22.0 19.4 29.2





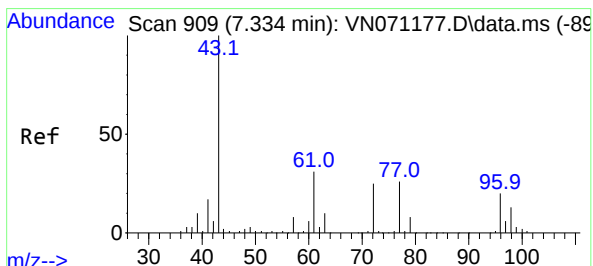
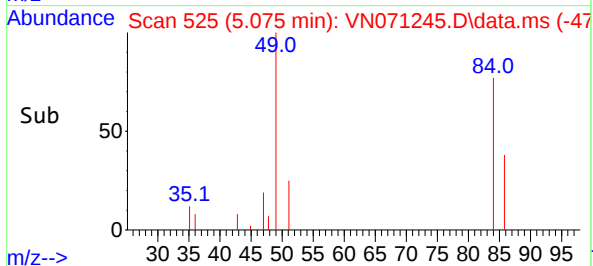
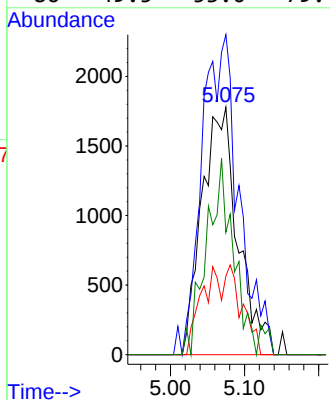
#20
Methylene Chloride
Concen: 1.016 ug/l
RT: 5.075 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN071245.D
Acq: 11 Mar 2022 13:06

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 6012

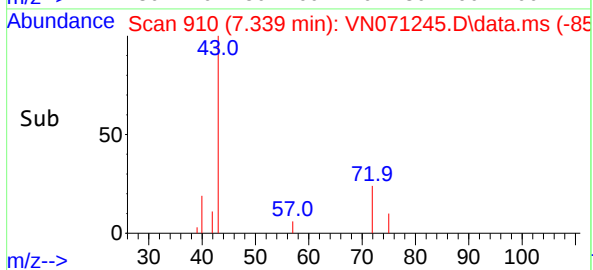
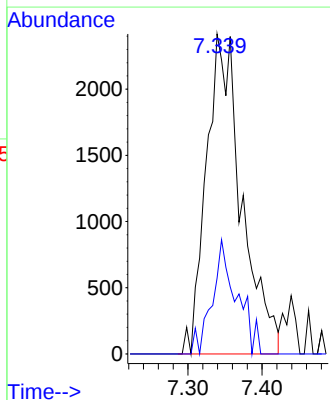
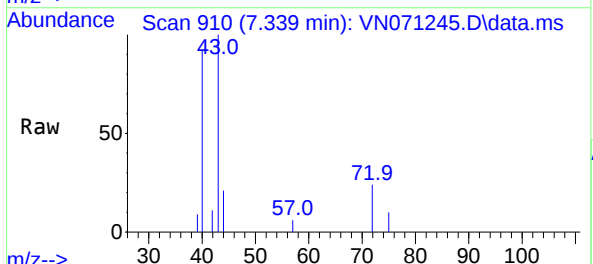
Ion	Ratio	Lower	Upper
84	100		
49	129.4	93.5	140.3
51	31.8	29.4	44.2
86	49.5	53.0	79.4

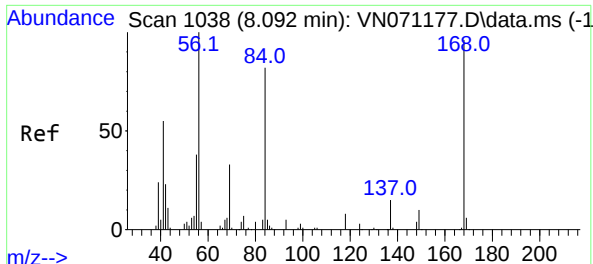


#25
2-Butanone
Concen: 0.962 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN071245.D
Acq: 11 Mar 2022 13:06

Tgt Ion: 43 Resp: 7983

Ion	Ratio	Lower	Upper
43	100		
72	23.7	21.7	32.5





#31

Cyclohexane

Concen: 0.913 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.018 min

Lab File: VN071245.D

Acq: 11 Mar 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

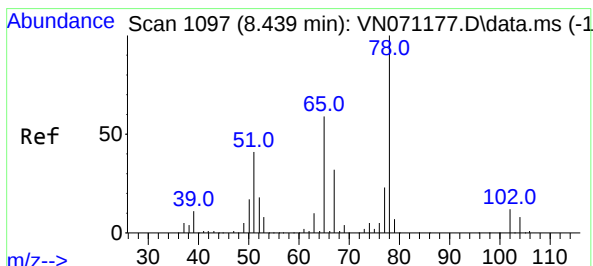
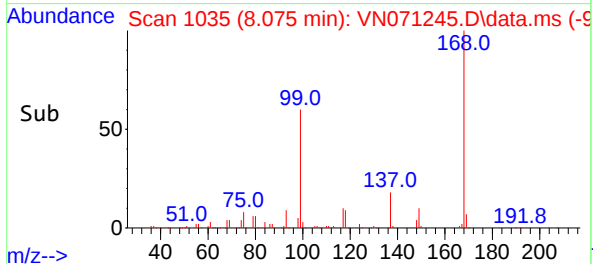
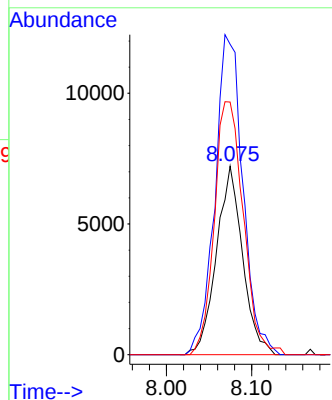
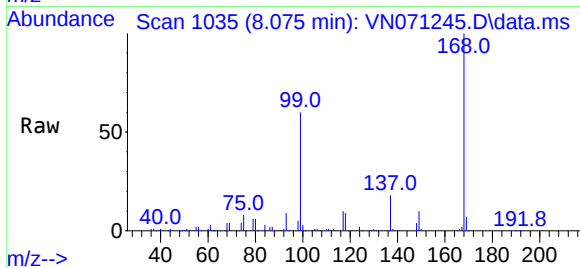
Tgt Ion: 56 Resp: 15429

Ion Ratio Lower Upper

56 100

69 164.7 27.1 40.7#

84 134.1 73.4 110.0#



#33

1,2-Dichloroethane-d4

Concen: 46.472 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. -0.012 min

Lab File: VN071245.D

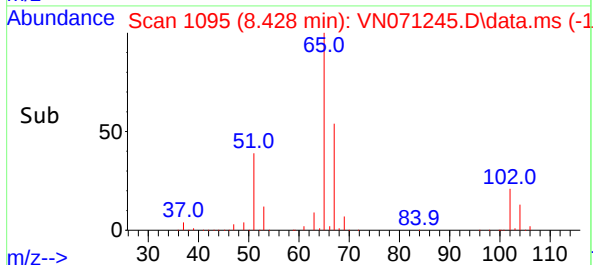
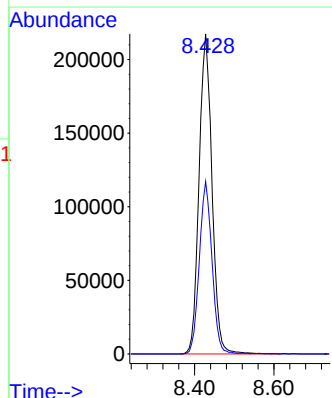
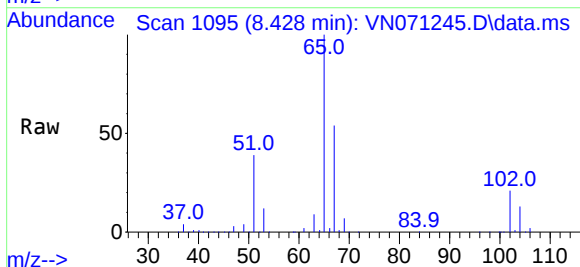
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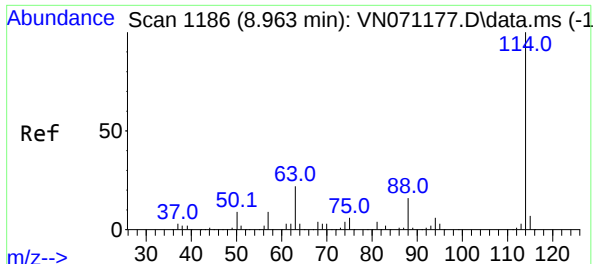
Tgt Ion: 65 Resp: 491820

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.957 min Scan# 1185

Delta R.T. -0.006 min

Lab File: VN071245.D

Acq: 11 Mar 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

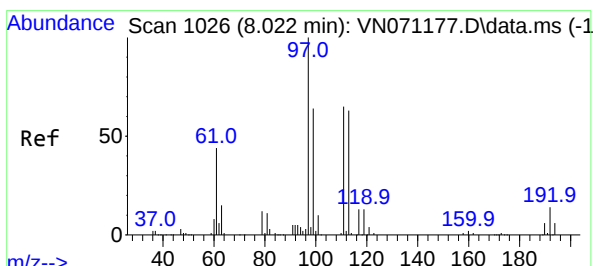
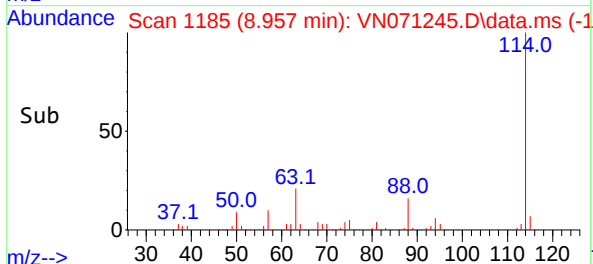
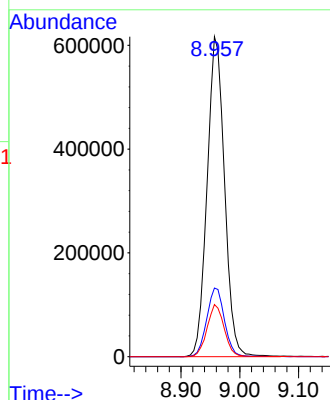
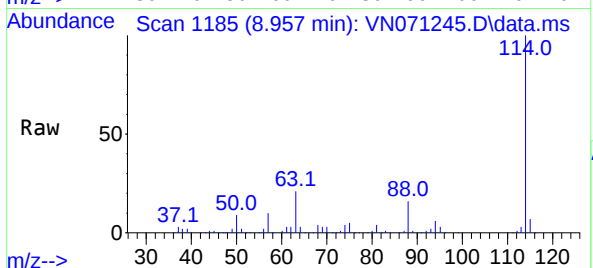
Tgt Ion:114 Resp: 1270153

Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.8

88 16.3 0.0 27.4



#35

Dibromofluoromethane

Concen: 44.908 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.012 min

Lab File: VN071245.D

Acq: 11 Mar 2022 13:06

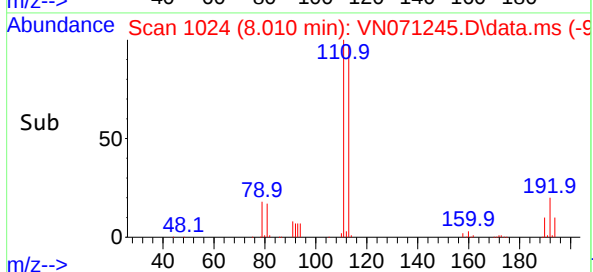
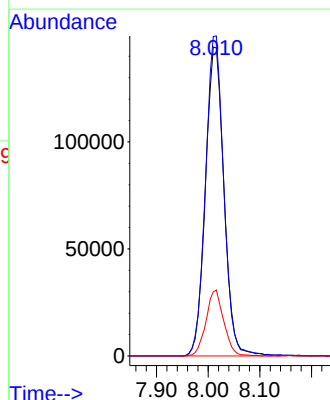
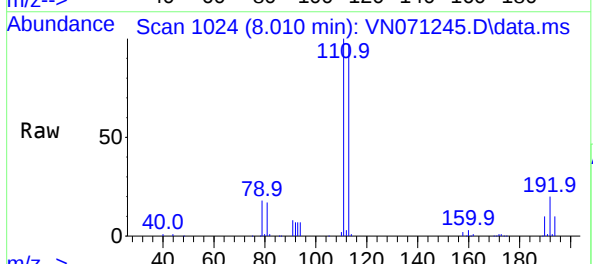
Tgt Ion:113 Resp: 359940

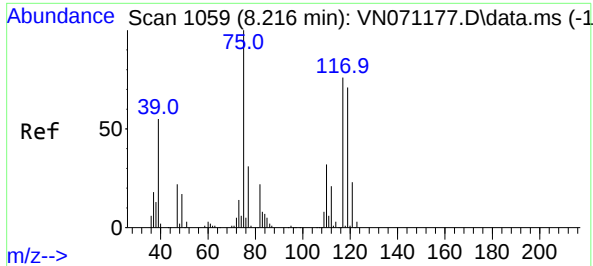
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

192 20.5 16.9 25.3

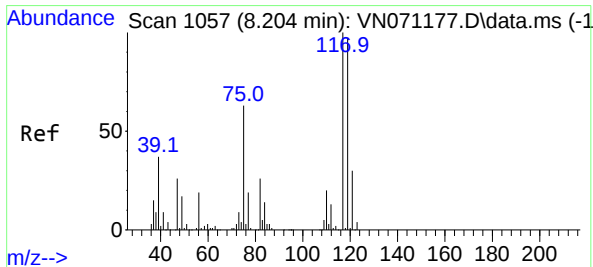
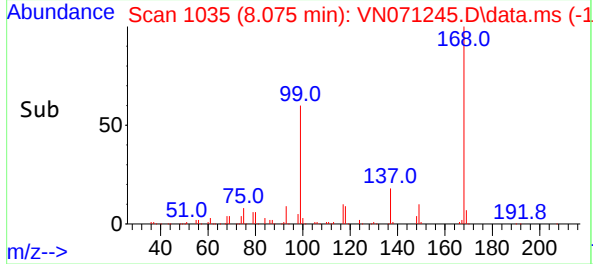
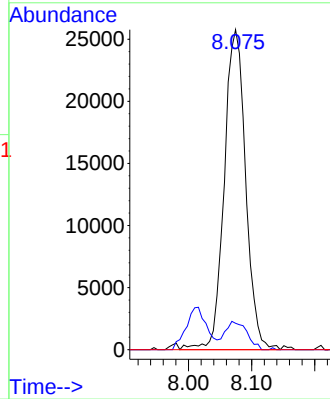
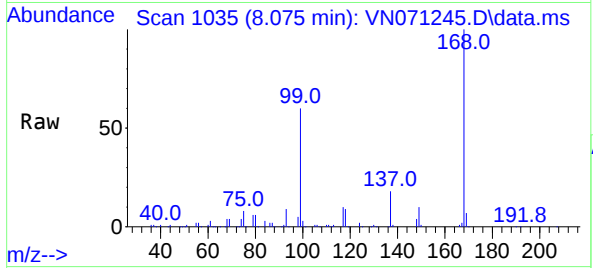




#36
1,1-Dichloropropene
Concen: 4.733 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.141 min
Lab File: VN071245.D
Acq: 11 Mar 2022 13:06

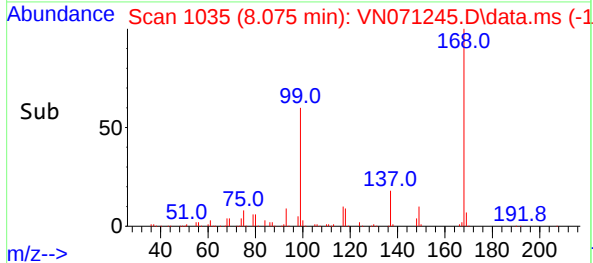
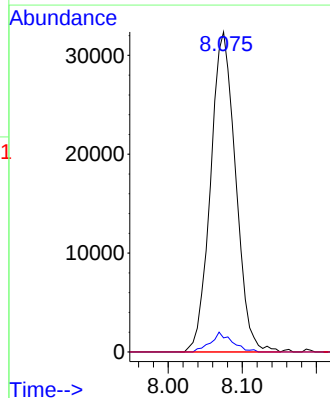
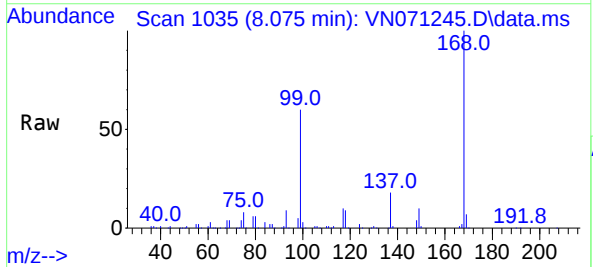
Instrument :
MSVOA_N
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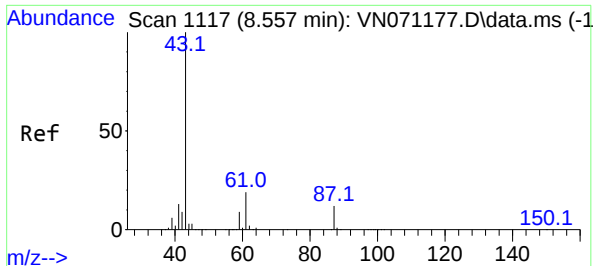
Tgt Ion: 75 Resp: 60777
Ion Ratio Lower Upper
75 100
110 9.1 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.121 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.129 min
Lab File: VN071245.D
Acq: 11 Mar 2022 13:06

Tgt Ion: 117 Resp: 76037
Ion Ratio Lower Upper
117 100
119 4.4 76.1 114.1#
121 0.0 24.2 36.2#

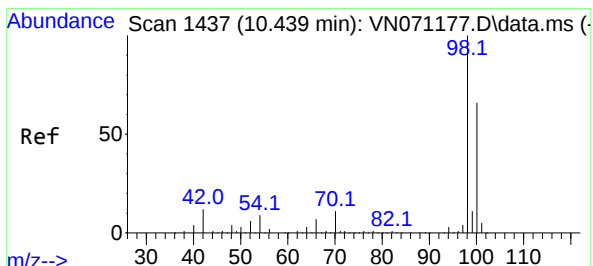
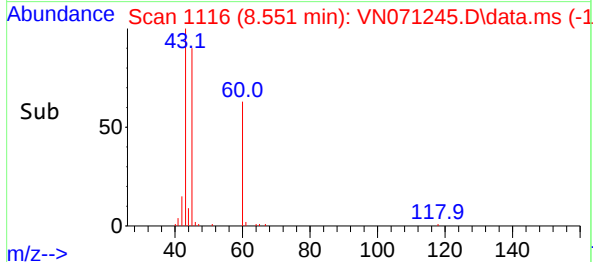
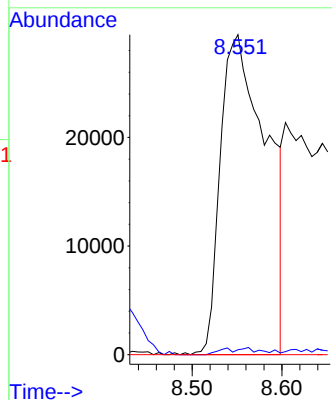
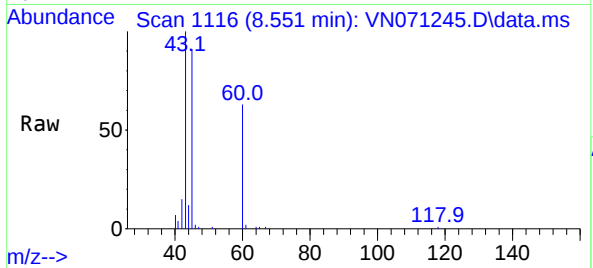




#43
Isopropyl Acetate
Concen: 3.978 ug/l
RT: 8.551 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN071245.D
Acq: 11 Mar 2022 13:06

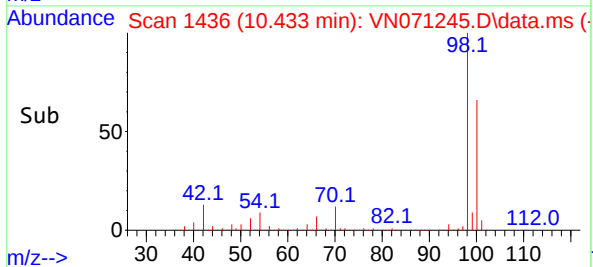
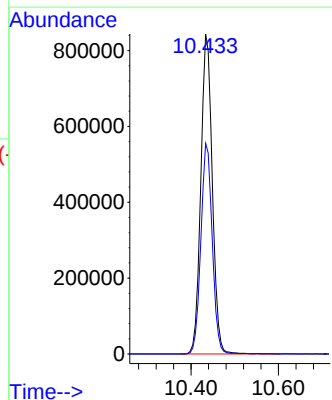
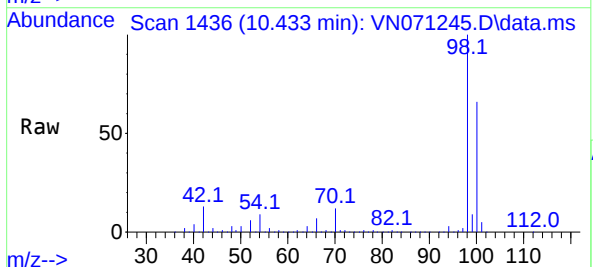
Instrument :
MSVOA_N
ClientSampleId :

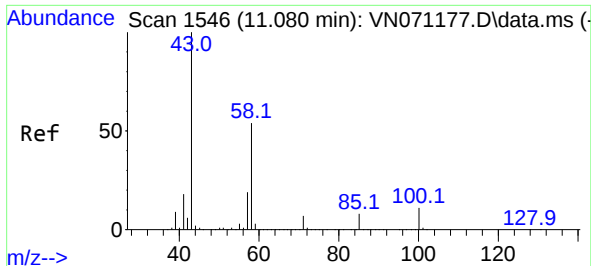
Tgt Ion: 43 Resp: 105146
Ion Ratio Lower Upper
43 100
61 0.5 20.4 30.6#
87 0.0 11.2 16.8#



#50
Toluene-d8
Concen: 47.777 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN071245.D
Acq: 11 Mar 2022 13:06

Tgt Ion: 98 Resp: 1541824
Ion Ratio Lower Upper
98 100
100 65.3 50.4 75.6

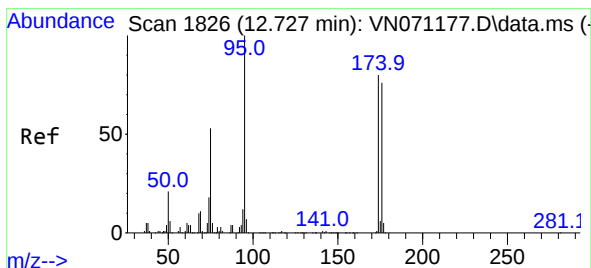
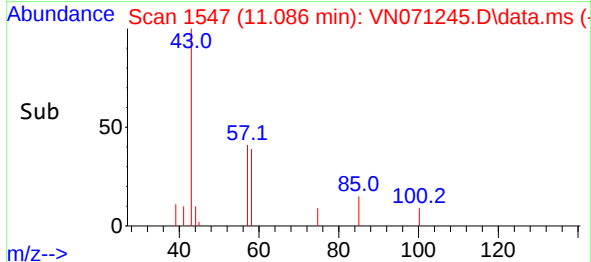
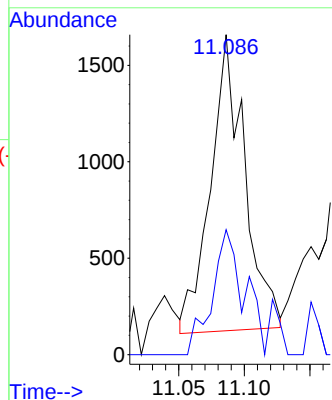
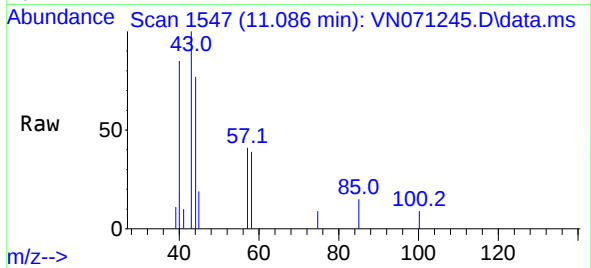




#59
2-Hexanone
Concen: 0.248 ug/l
RT: 11.086 min Scan# 1154
Delta R.T. 0.006 min
Lab File: VN071245.D
Acq: 11 Mar 2022 13:06

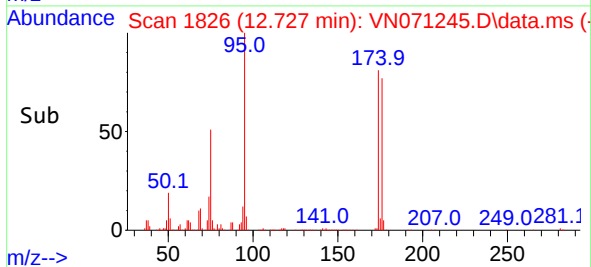
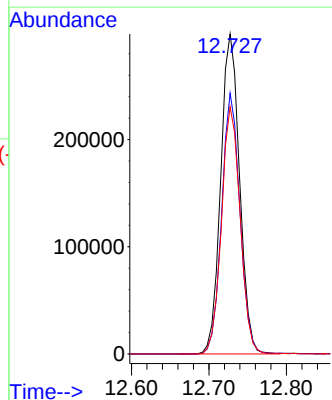
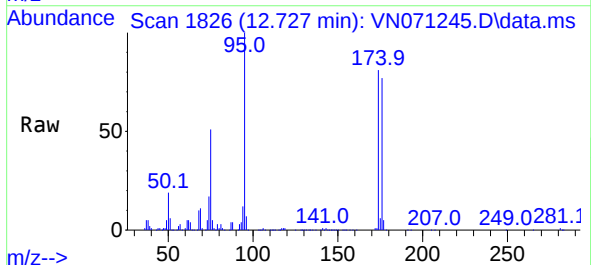
Instrument :
MSVOA_N
ClientSampleId :

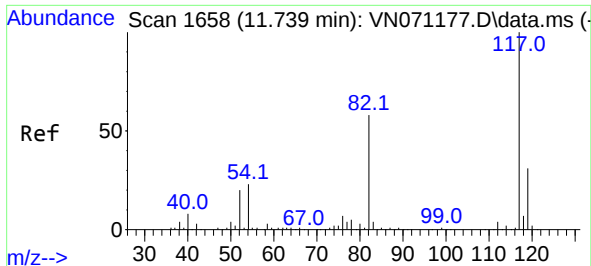
Tgt Ion: 43 Resp: 2778
Ion Ratio Lower Upper
43 100
58 39.6 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 46.157 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071245.D
Acq: 11 Mar 2022 13:06

Tgt Ion: 95 Resp: 504392
Ion Ratio Lower Upper
95 100
174 79.0 0.0 187.2
176 76.6 0.0 181.4

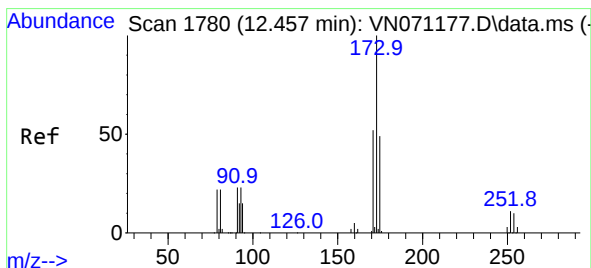
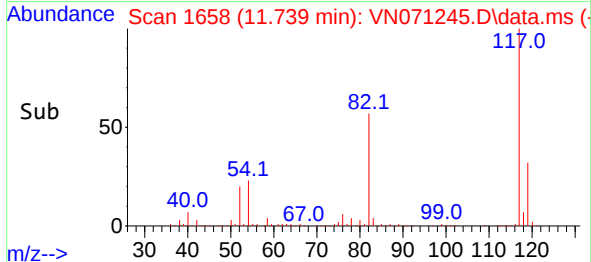
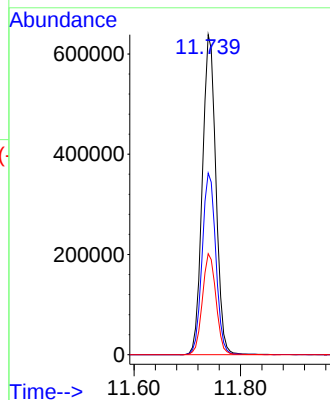
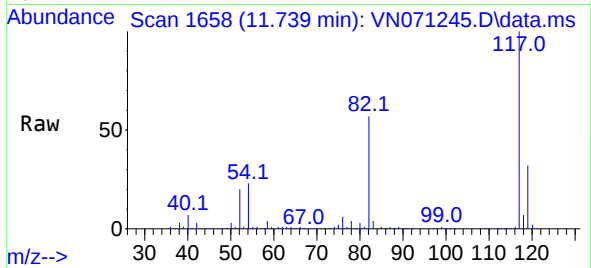




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071245.D
Acq: 11 Mar 2022 13:06

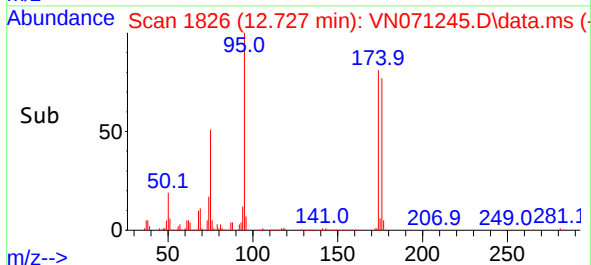
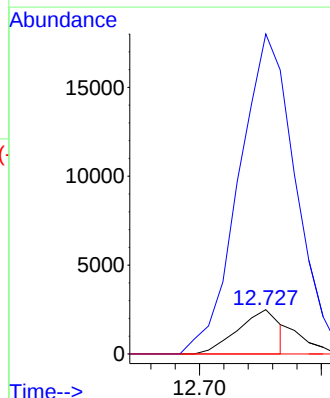
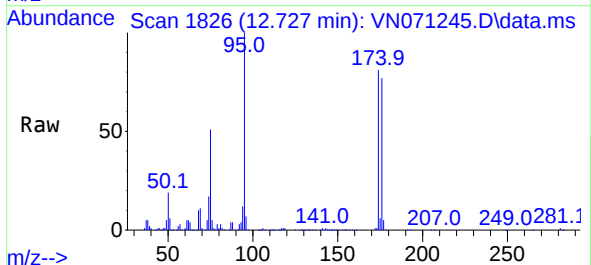
Instrument :
MSVOA_N
ClientSampleId :

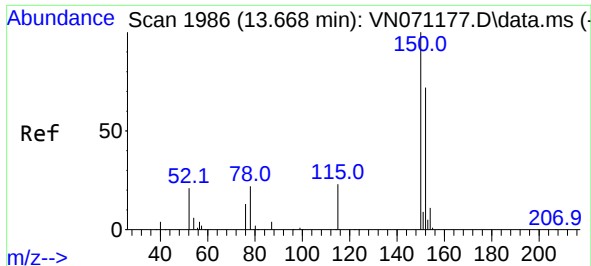
Tgt Ion:117 Resp: 1126012
Ion Ratio Lower Upper
117 100
82 56.7 42.4 63.6
119 31.6 25.4 38.2



#71
Bromoform
Concen: 0.443 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.270 min
Lab File: VN071245.D
Acq: 11 Mar 2022 13:06

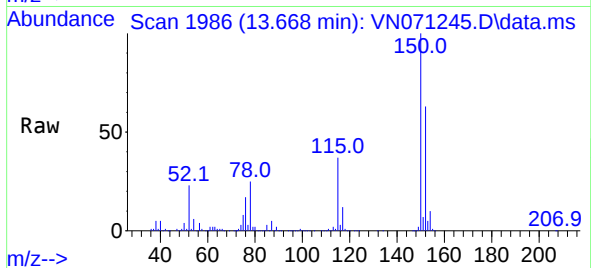
Tgt Ion:173 Resp: 2982
Ion Ratio Lower Upper
173 100
175 760.2 24.2 72.6#
254 0.0 0.0 0.0



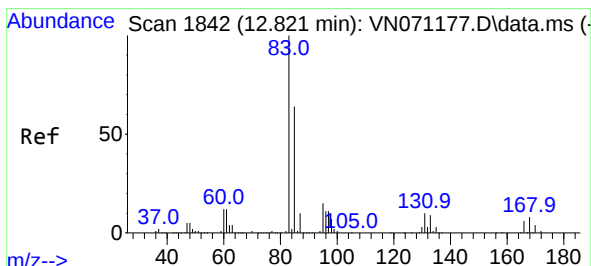
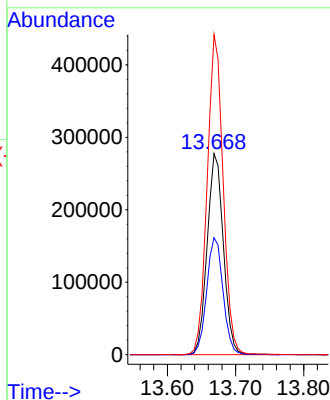
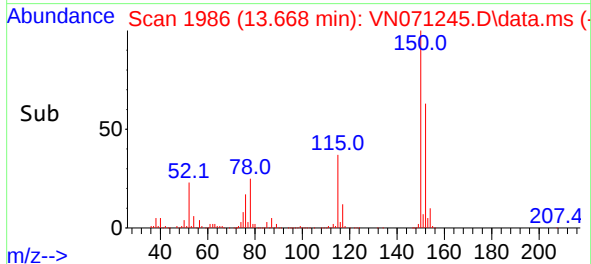


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071245.D
Acq: 11 Mar 2022 13:06

Instrument :
MSVOA_N
ClientSampleId :

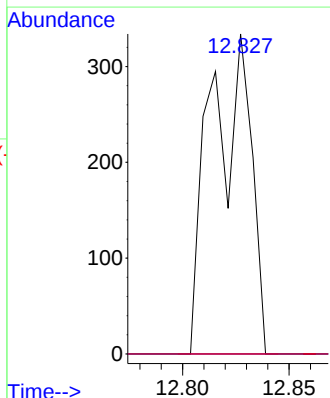
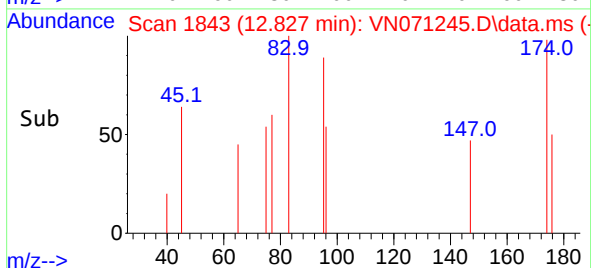
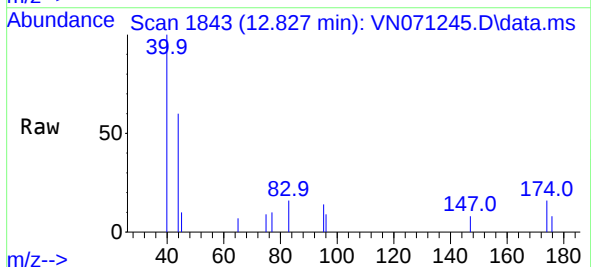


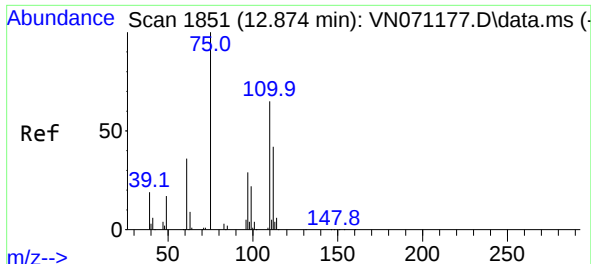
Tgt Ion:152 Resp: 459342
Ion Ratio Lower Upper
152 100
115 58.7 27.5 82.5
150 156.5 0.0 344.4



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.827 min Scan# 1843
Delta R.T. 0.006 min
Lab File: VN071245.D
Acq: 11 Mar 2022 13:06

Tgt Ion: 83 Resp: 435
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#

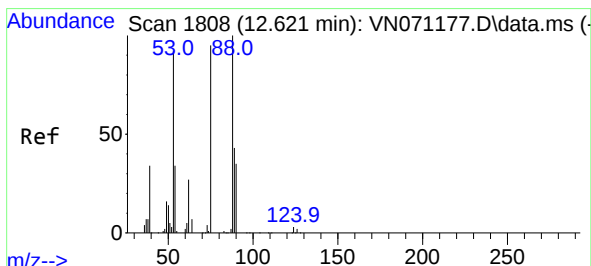
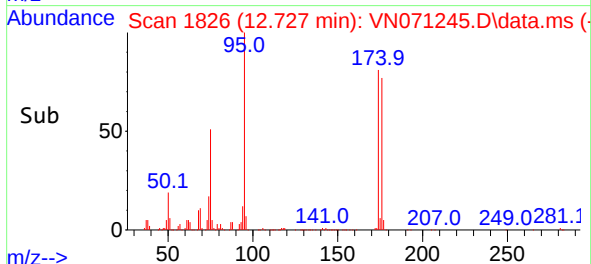
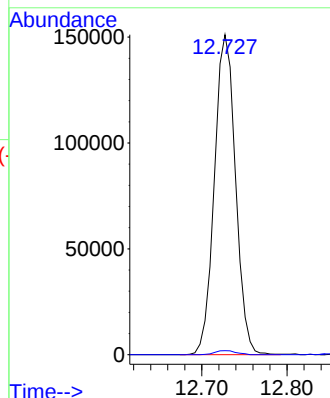
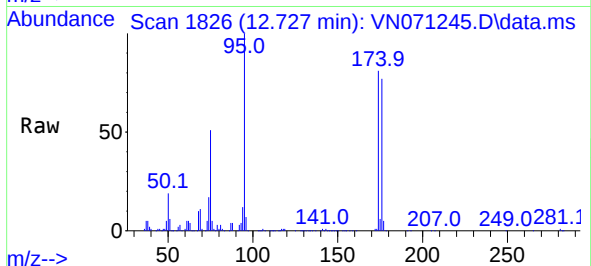




#76
1,2,3-Trichloropropane
Concen: 21.803 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071245.D
Acq: 11 Mar 2022 13:06

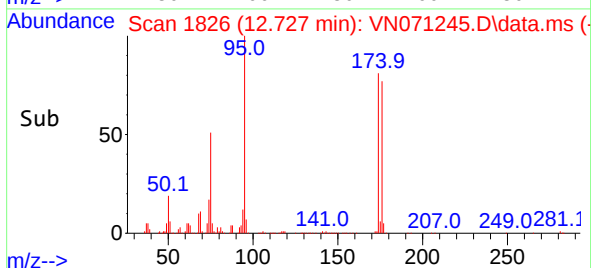
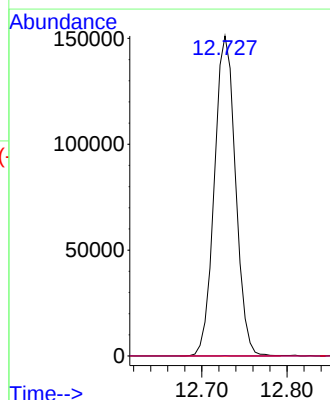
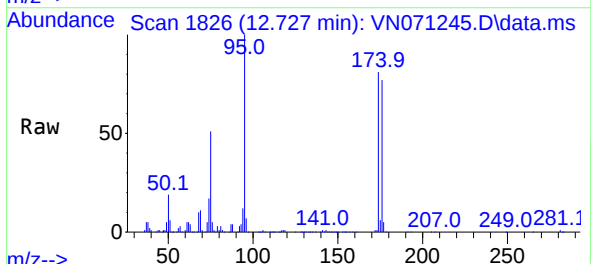
Instrument :
MSVOA_N
ClientSampleId :

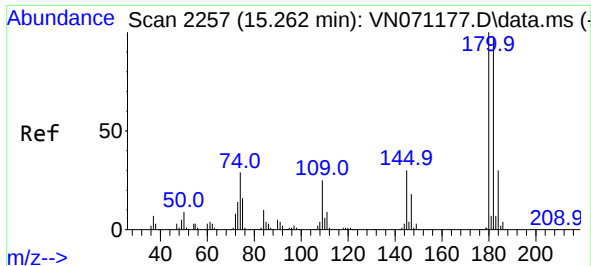
Tgt Ion: 75 Resp: 260453
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.294 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071245.D
Acq: 11 Mar 2022 13:06

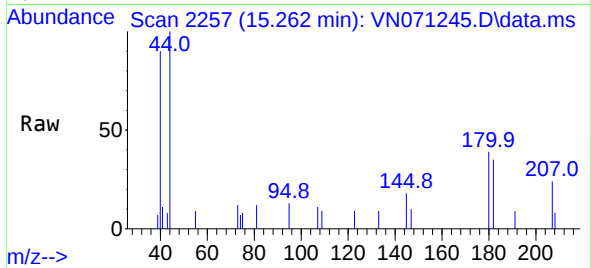
Tgt Ion: 75 Resp: 260453
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



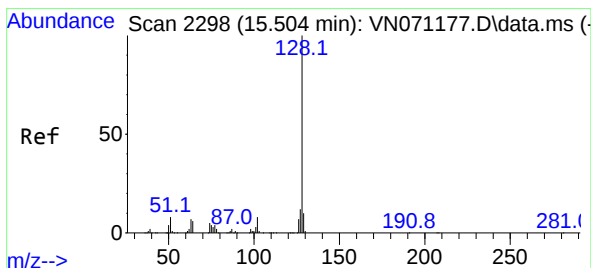
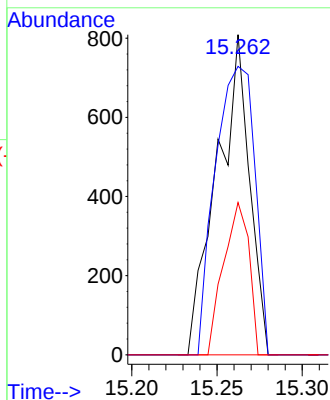
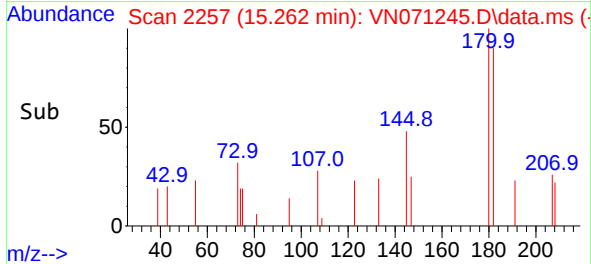


#93
1,2,4-Trichlorobenzene
Concen: 3.124 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071245.D
Acq: 11 Mar 2022 13:06

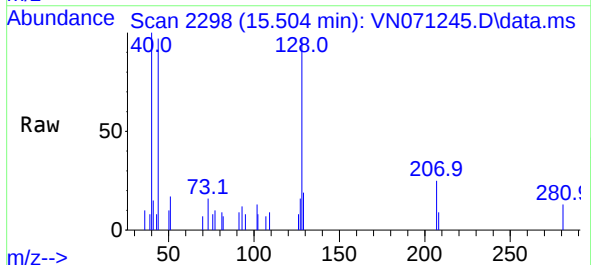
Instrument :
MSVOA_N
ClientSampleId :



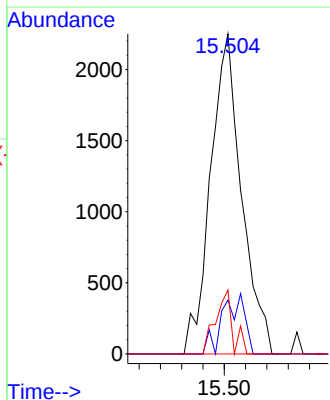
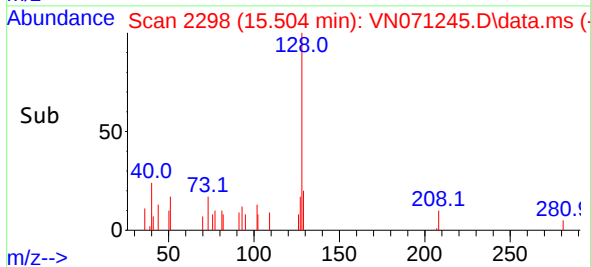
Tgt Ion:180 Resp: 1077
Ion Ratio Lower Upper
180 100
182 109.5 48.3 144.9
145 37.1 14.5 43.5

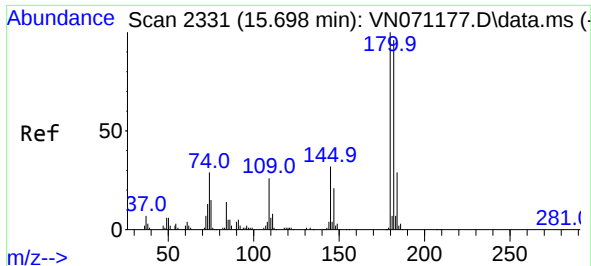


#95
Naphthalene
Concen: 5.261 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071245.D
Acq: 11 Mar 2022 13:06



Tgt Ion:128 Resp: 4538
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.0 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 2.908 ug/l

RT: 15.698 min Scan# 21

Delta R.T. -0.000 min

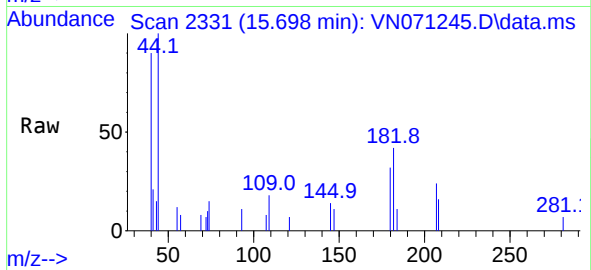
Lab File: VN071245.D

Acq: 11 Mar 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 1341

Ion Ratio Lower Upper

180 100

182 101.0 47.4 142.2

145 34.6 15.0 45.1

