

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111722\
 Data File : VN075299.D
 Acq On : 17 Nov 2022 11:37
 Operator : JC\MD
 Sample : VN1117MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117MBL01

Quant Time: Nov 18 00:59:43 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)

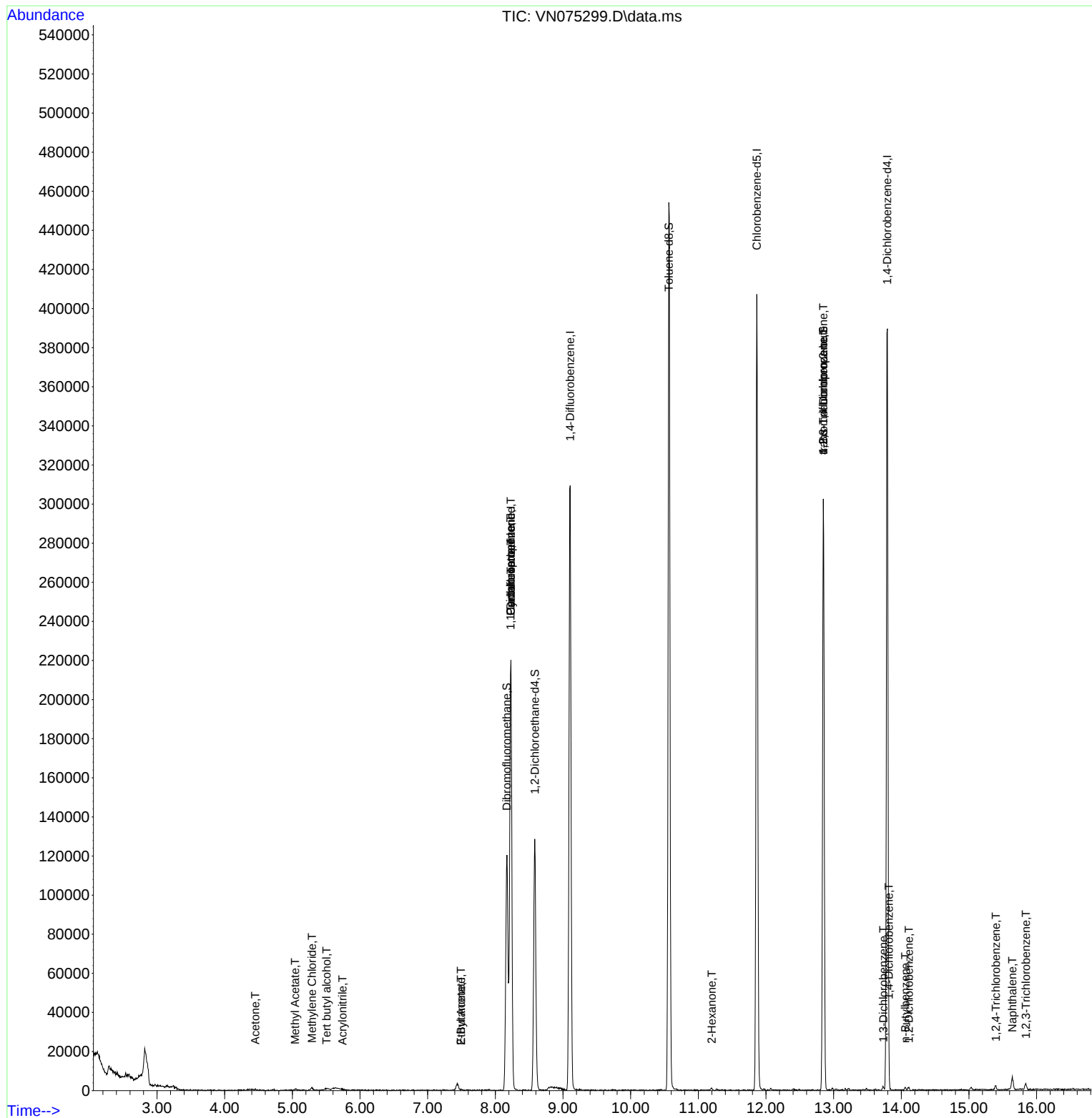
Internal Standards						
1) Pentafluorobenzene	8.229	168	165485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	288625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	102678	46.050	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.100%			
35) Dibromofluoromethane	8.171	113	86260	50.910	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.820%			
50) Toluene-d8	10.565	98	330857	50.330	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.660%			
62) 4-Bromofluorobenzene	12.847	95	104516	45.260	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.520%			
Target Compounds						Qvalue
5) Bromomethane	2.965	94	448	Below Cal		81
11) Tert butyl alcohol	5.506	59	434	0.835 ug/l #		72
15) Acrylonitrile	5.741	53	261	0.238 ug/l #		44
16) Acetone	4.453	43	203	0.215 ug/l #		43
18) Methyl Acetate	5.041	43	1118	0.363 ug/l #		61
20) Methylene Chloride	5.288	84	833	0.396 ug/l		89
25) 2-Butanone	7.494	43	593	0.399 ug/l #		43
31) Cyclohexane	8.229	56	3449	1.040 ug/l #		31
36) 1,1-Dichloropropene	8.224	75	12436	4.741 ug/l #		49
37) Ethyl Acetate	7.494	43	593	0.206 ug/l #		66
38) Carbon Tetrachloride	8.229	117	17260	5.982 ug/l #		15
59) 2-Hexanone	11.200	43	973	0.445 ug/l		86
76) 1,2,3-Trichloropropane	12.847	75	55520	24.316 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.847	75	55520	62.419 ug/l #		10
87) 1,3-Dichlorobenzene	13.735	146	956	0.257 ug/l #		77
88) 1,4-Dichlorobenzene	13.817	146	1365	0.371 ug/l #		25
89) n-Butylbenzene	14.058	91	1270	0.212 ug/l		81
91) 1,2-Dichlorobenzene	14.111	146	819	0.221 ug/l #		74
93) 1,2,4-Trichlorobenzene	15.400	180	1314	0.825 ug/l		79
95) Naphthalene	15.641	128	7581	1.238 ug/l		96
96) 1,2,3-Trichlorobenzene	15.841	180	1622	1.025 ug/l		91

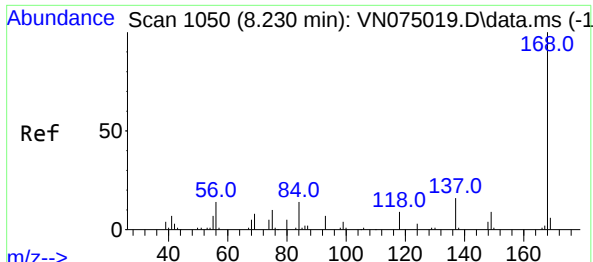
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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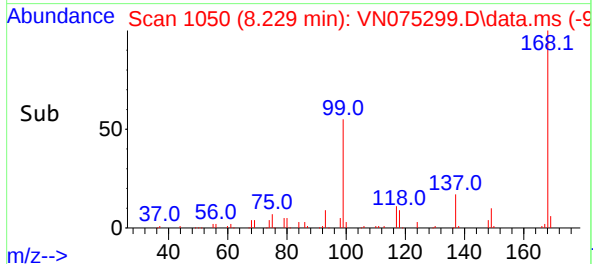
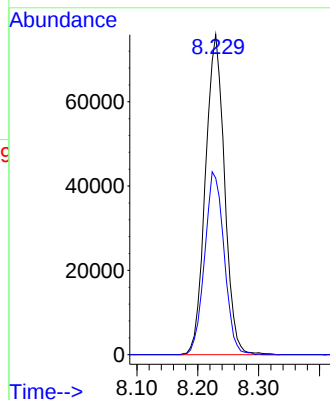
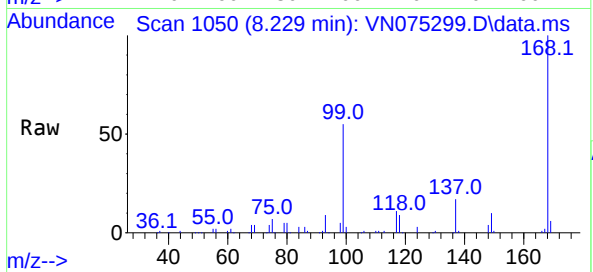




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

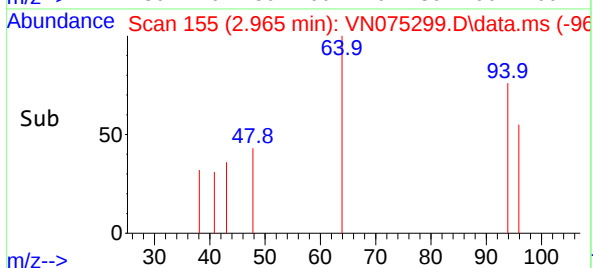
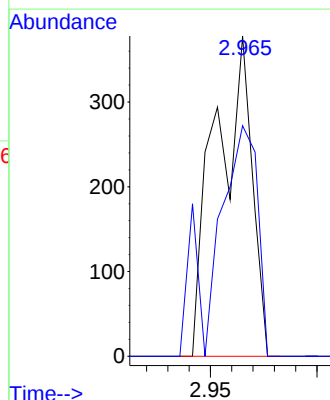
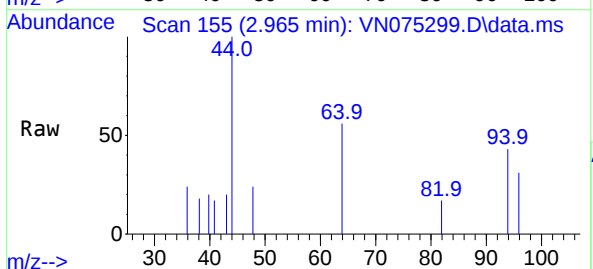
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBL01

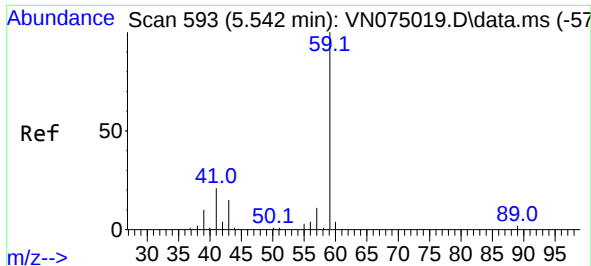
Tgt Ion:168 Resp: 165485
Ion Ratio Lower Upper
168 100
99 55.2 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.965 min Scan# 155
Delta R.T. 0.047 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

Tgt Ion: 94 Resp: 448
Ion Ratio Lower Upper
94 100
96 72.0 71.8 107.6

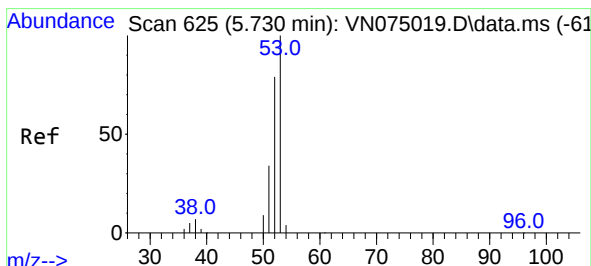
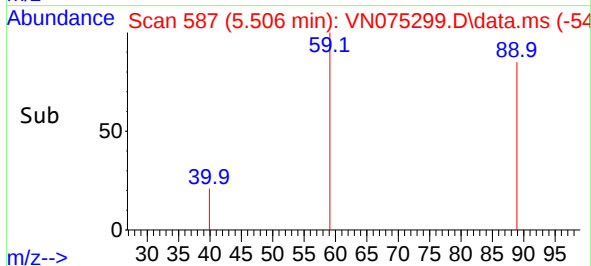
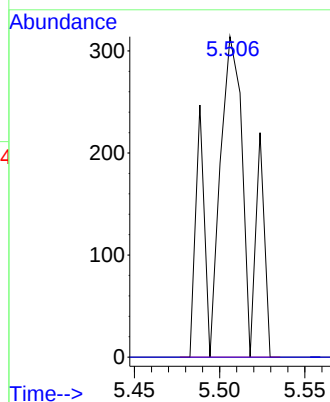
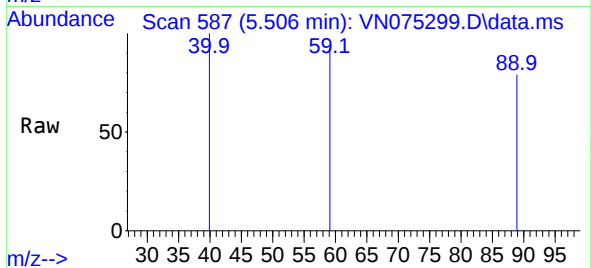




#11
Tert butyl alcohol
Concen: 0.835 ug/l
RT: 5.506 min Scan# 51
Delta R.T. -0.036 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

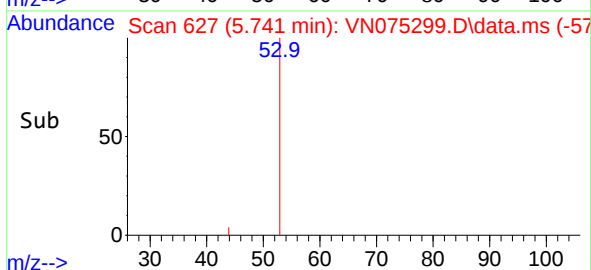
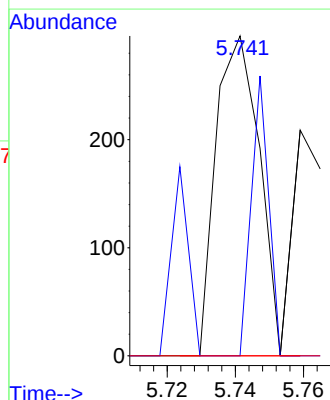
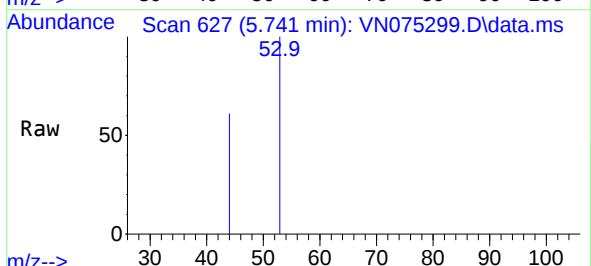
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBL01

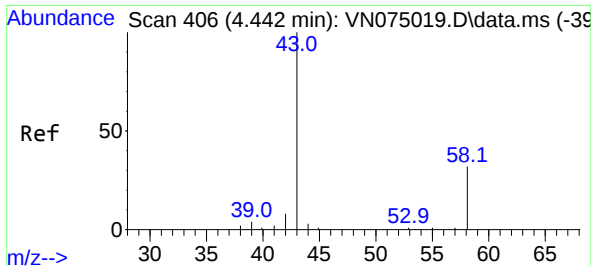
Tgt Ion: 59 Resp: 434
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#15
Acrylonitrile
Concen: 0.238 ug/l
RT: 5.741 min Scan# 627
Delta R.T. 0.011 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

Tgt Ion: 53 Resp: 261
Ion Ratio Lower Upper
53 100
52 34.9 66.4 99.6#
51 0.0 29.6 44.4#

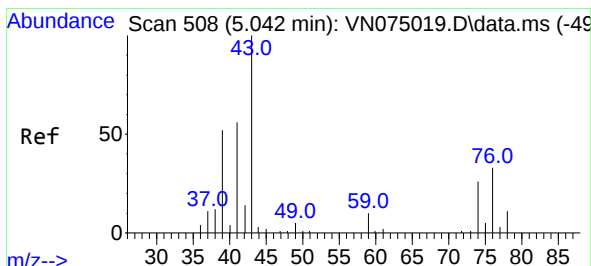
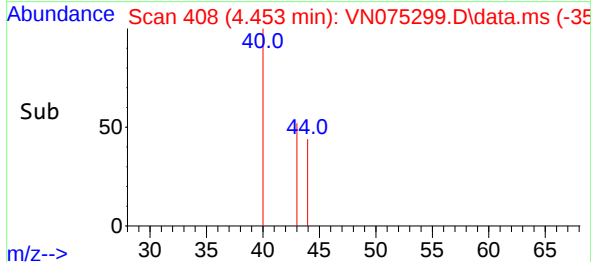
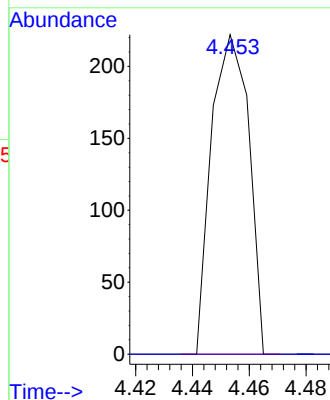
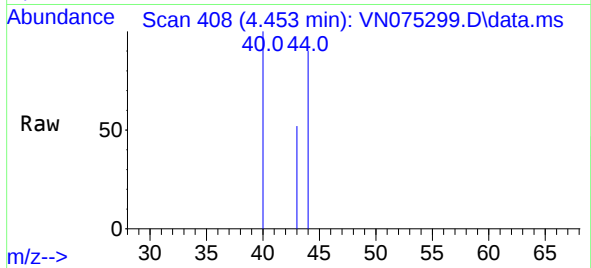




#16
Acetone
Concen: 0.215 ug/l
RT: 4.453 min Scan# 406
Delta R.T. 0.011 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

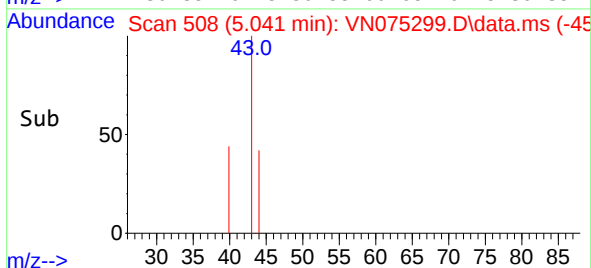
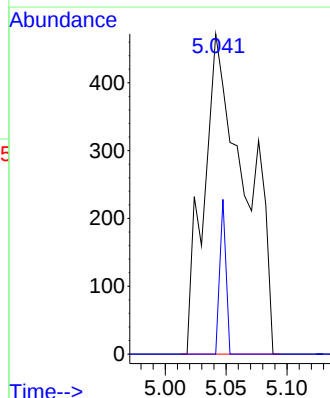
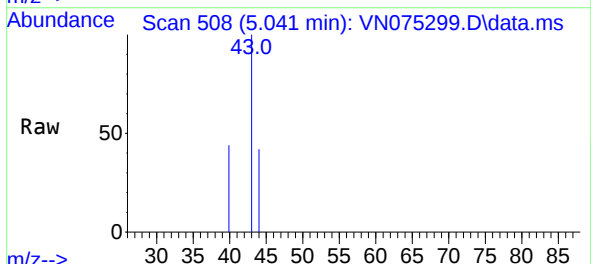
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBL01

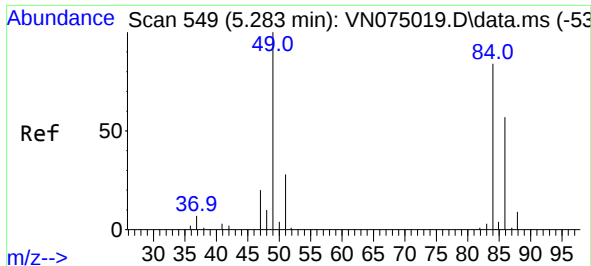
Tgt Ion: 43 Resp: 203
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#



#18
Methyl Acetate
Concen: 0.363 ug/l
RT: 5.041 min Scan# 508
Delta R.T. -0.001 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

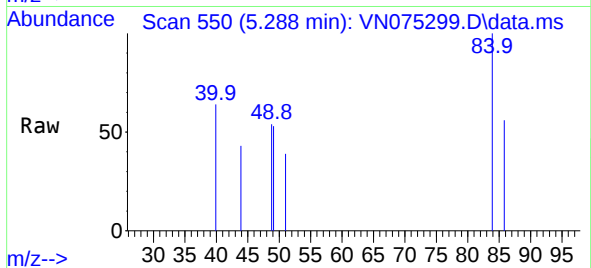
Tgt Ion: 43 Resp: 1118
Ion Ratio Lower Upper
43 100
74 7.2 22.0 33.0#





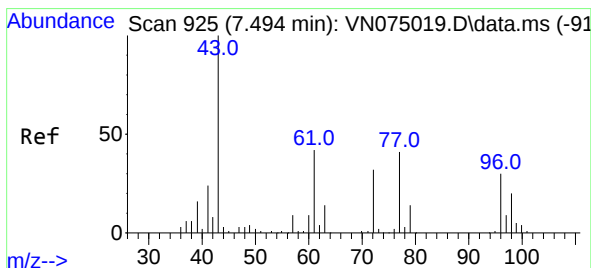
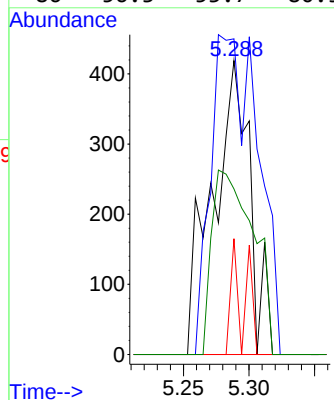
#20
Methylene Chloride
Concen: 0.396 ug/l
RT: 5.288 min Scan# 511
Delta R.T. 0.005 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBL01



Tgt Ion: 84 Resp: 833

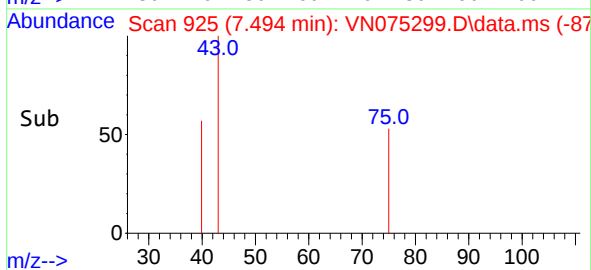
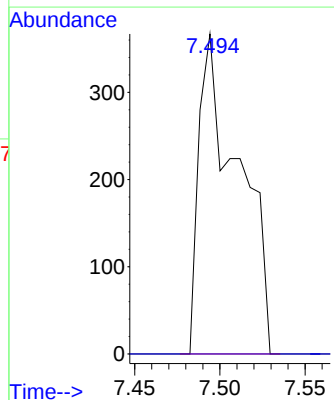
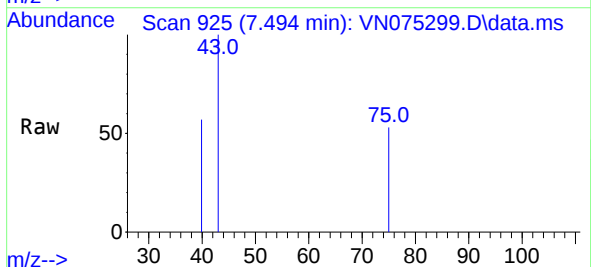
Ion	Ratio	Lower	Upper
84	100		
49	107.4	94.9	142.3
51	39.4	26.8	40.2
86	56.3	53.7	80.5

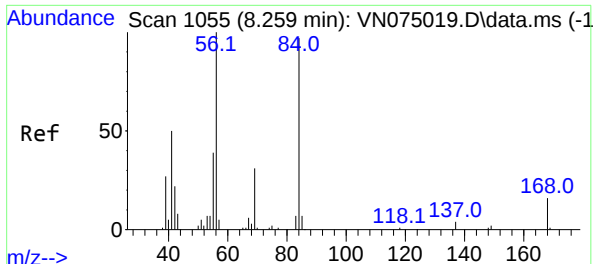


#25
2-Butanone
Concen: 0.399 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

Tgt Ion: 43 Resp: 593

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.5	38.3#

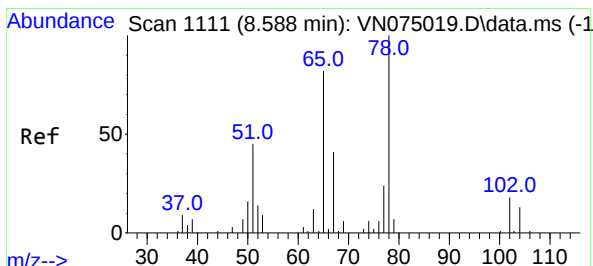
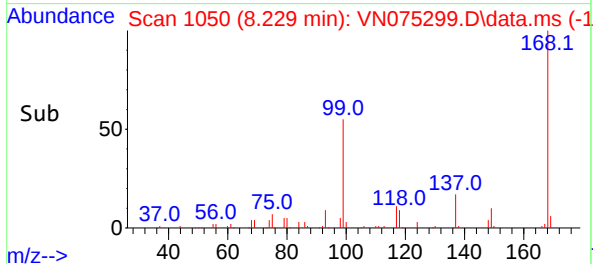
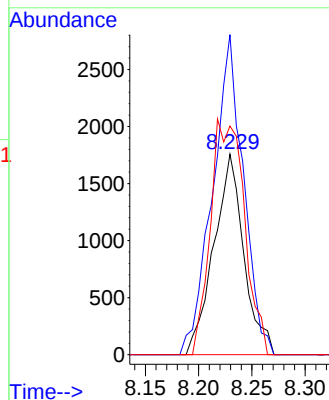
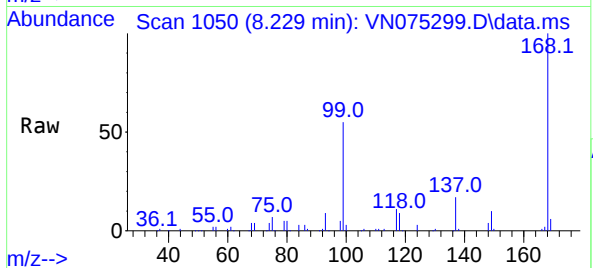




#31
Cyclohexane
Concen: 1.040 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.030 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

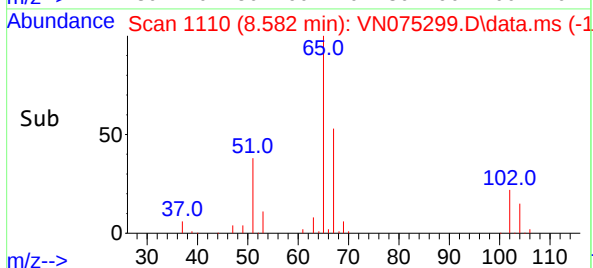
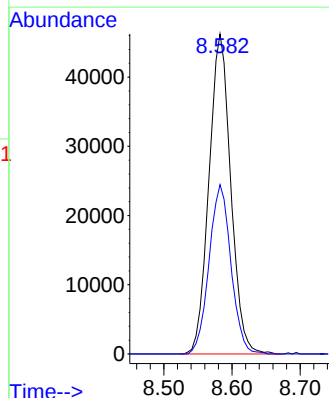
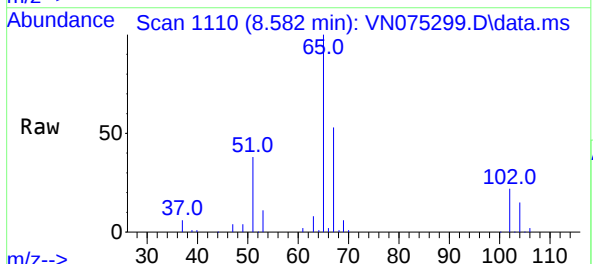
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ClientSampleId :
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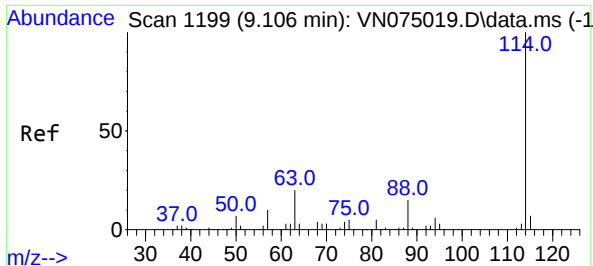
Tgt Ion: 56 Resp: 3449
Ion Ratio Lower Upper
56 100
69 159.6 25.2 37.8#
84 114.1 77.8 116.8



#33
1,2-Dichloroethane-d4
Concen: 46.050 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

Tgt Ion: 65 Resp: 102678
Ion Ratio Lower Upper
65 100
67 53.1 0.0 102.0

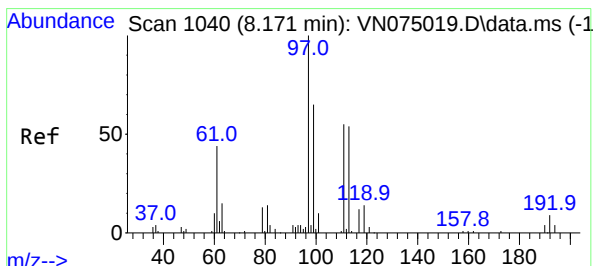
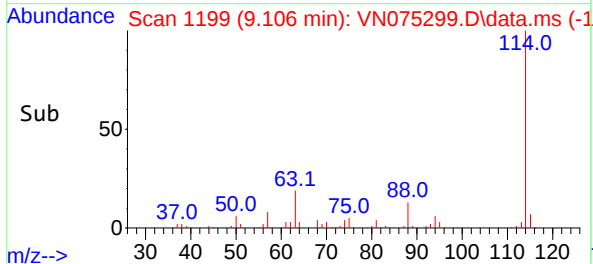
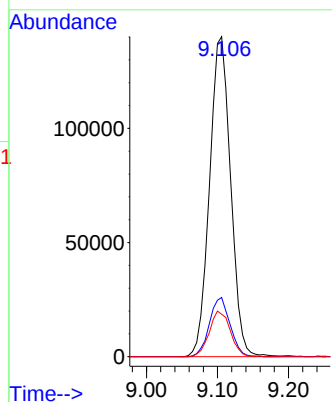
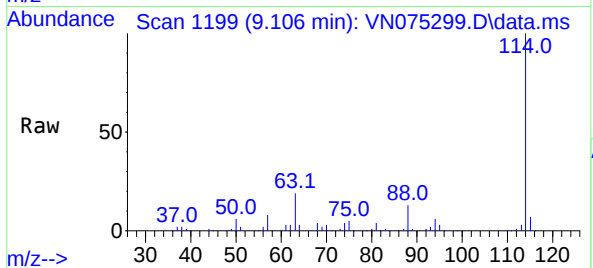




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

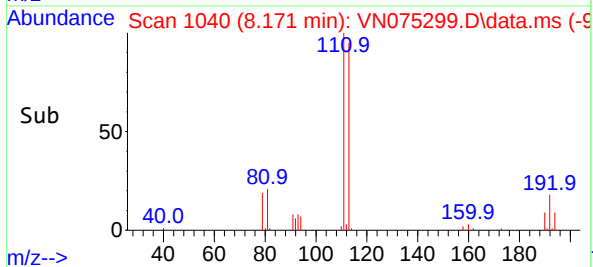
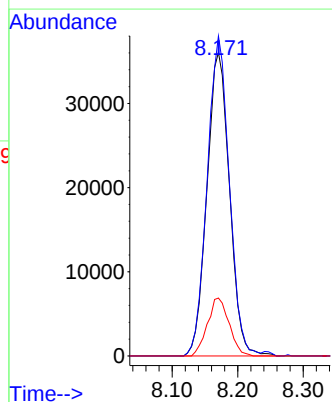
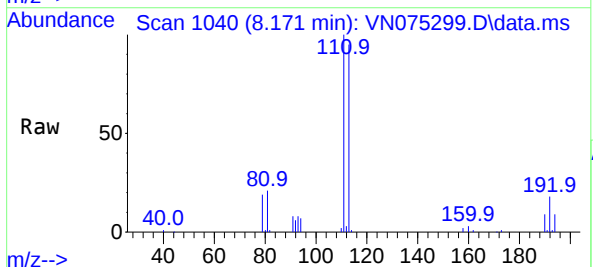
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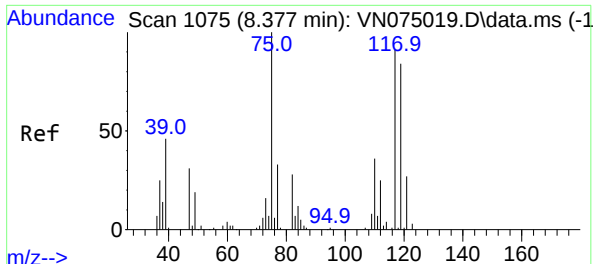
Tgt Ion:114 Resp: 288625
Ion Ratio Lower Upper
114 100
63 18.5 0.0 39.6
88 13.3 0.0 29.0



#35
Dibromofluoromethane
Concen: 50.910 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

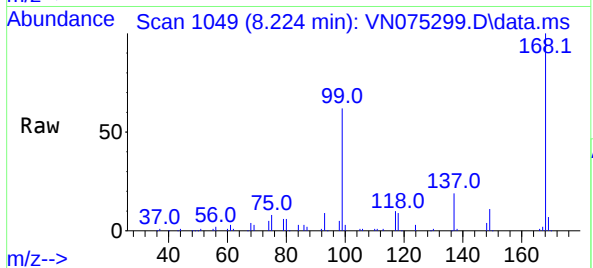
Tgt Ion:113 Resp: 86260
Ion Ratio Lower Upper
113 100
111 103.3 80.5 120.7
192 18.3 13.2 19.8



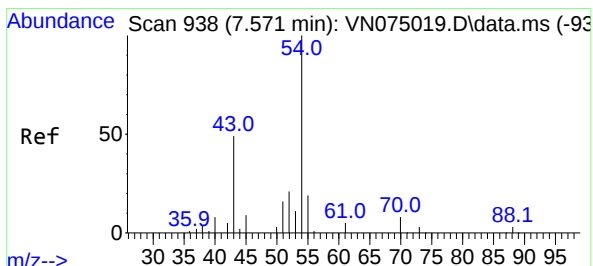
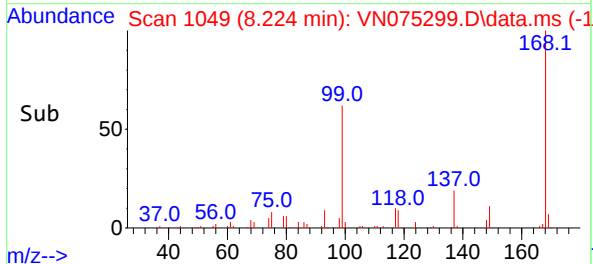
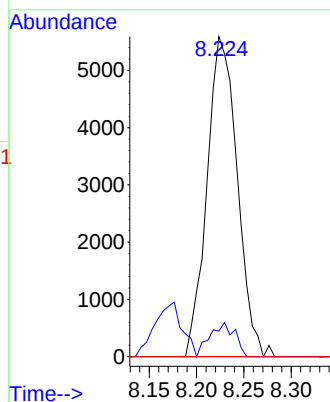


#36
1,1-Dichloropropene
Concen: 4.741 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBL01

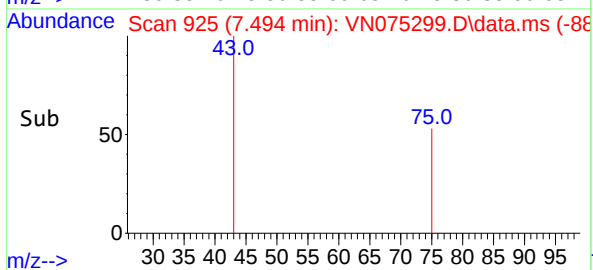
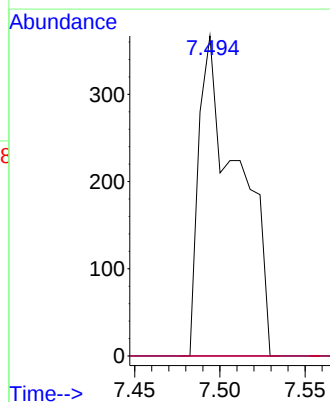
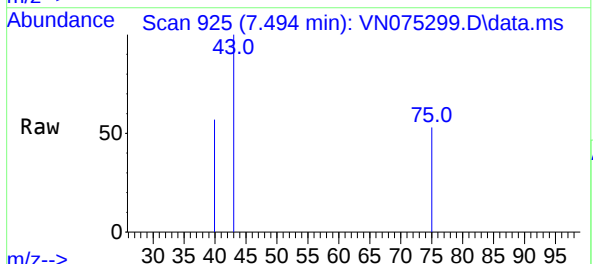


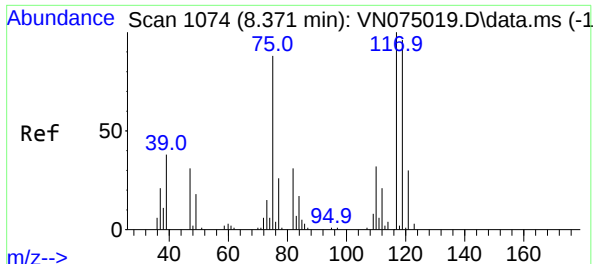
Tgt Ion: 75 Resp: 12436
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.3#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 0.206 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.077 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

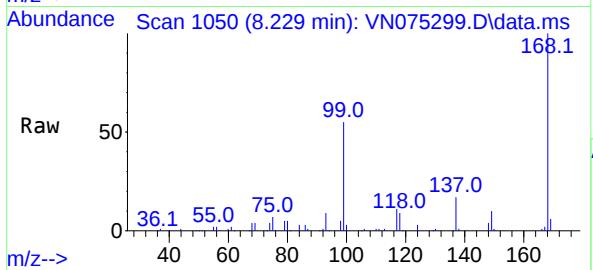
Tgt Ion: 43 Resp: 593
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.4#
70 0.0 9.4 14.2#



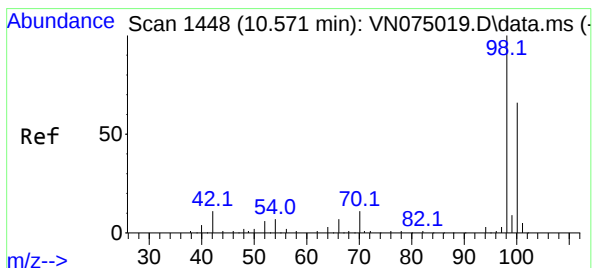
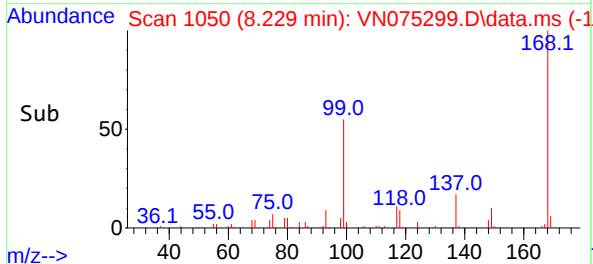
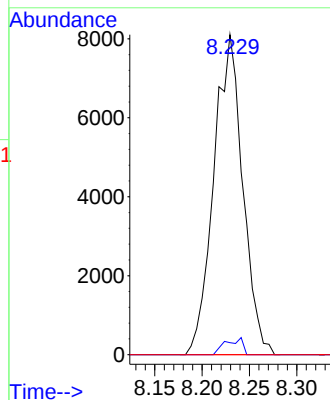


#38
Carbon Tetrachloride
Concen: 5.982 ug/l
RT: 8.229 min Scan# 1074
Delta R.T. -0.142 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBL01

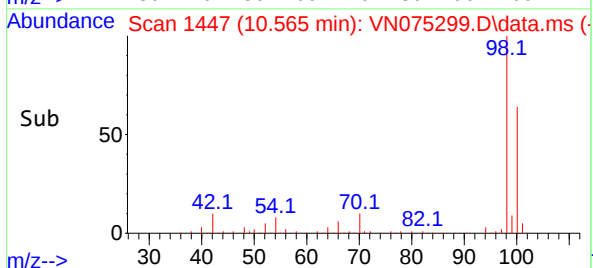
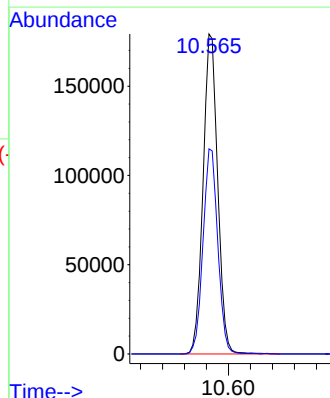
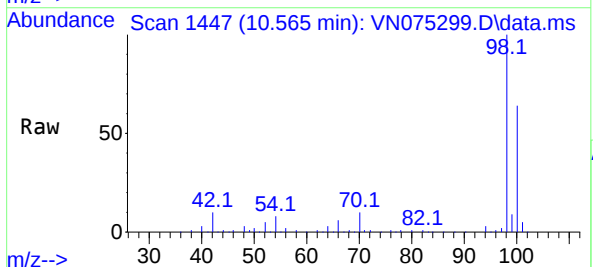


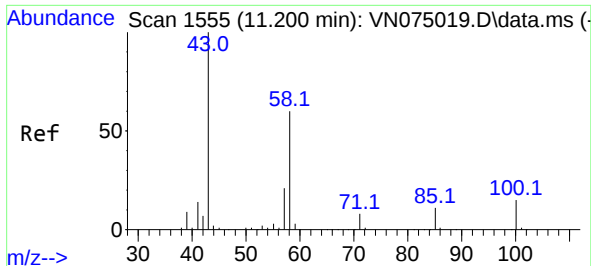
Tgt Ion:117 Resp: 17260
Ion Ratio Lower Upper
117 100
119 3.8 76.7 115.1#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 50.330 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

Tgt Ion: 98 Resp: 330857
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.6

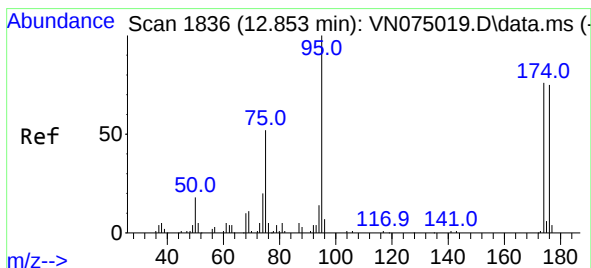
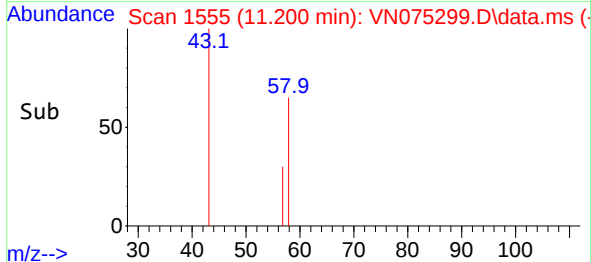
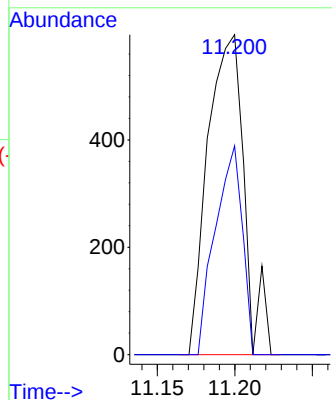
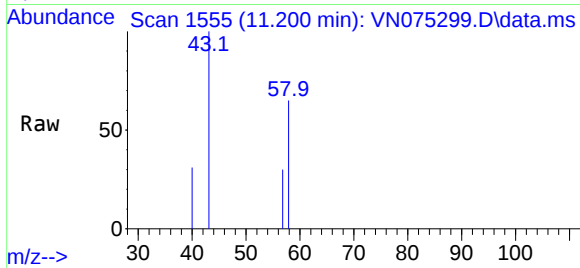




#59
2-Hexanone
Concen: 0.445 ug/l
RT: 11.200 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

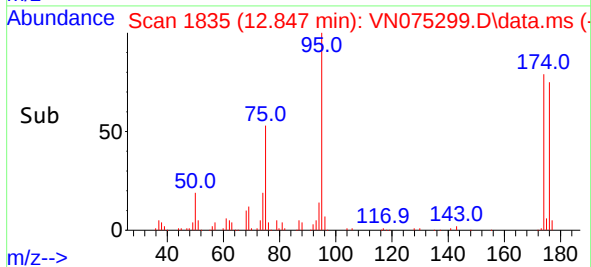
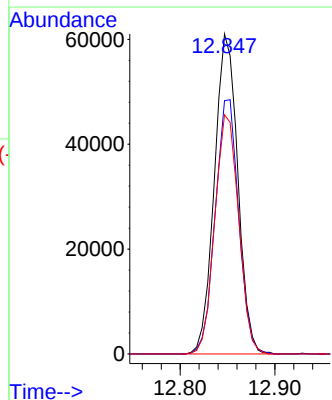
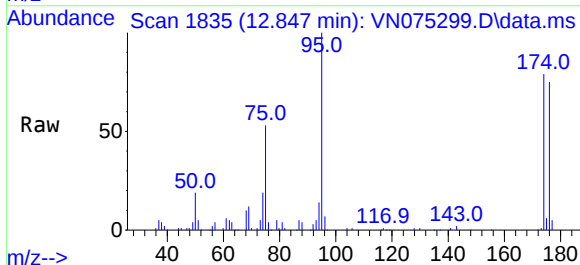
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBL01

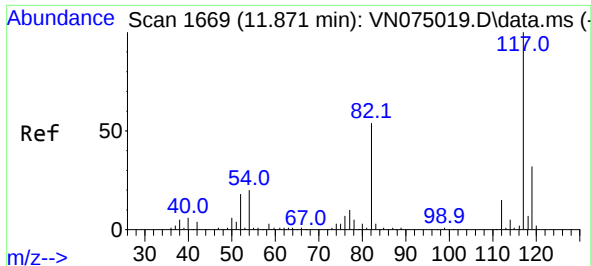
Tgt Ion: 43 Resp: 973
Ion Ratio Lower Upper
43 100
58 48.4 29.6 88.8



#62
4-Bromofluorobenzene
Concen: 45.260 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

Tgt Ion: 95 Resp: 104516
Ion Ratio Lower Upper
95 100
174 79.8 0.0 147.4
176 76.3 0.0 142.2

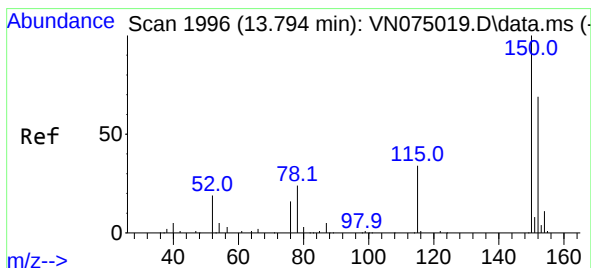
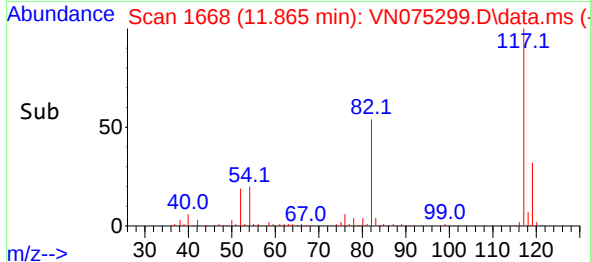
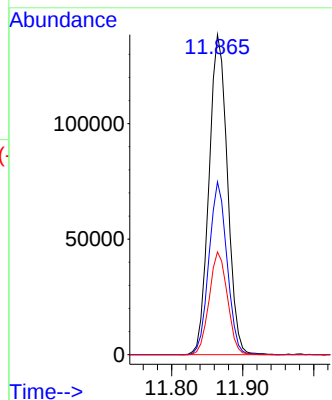
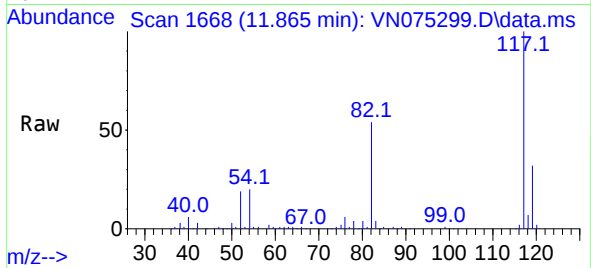




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.007 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

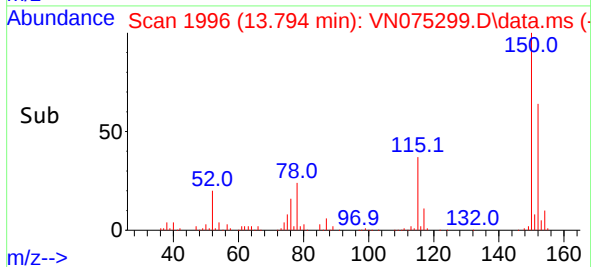
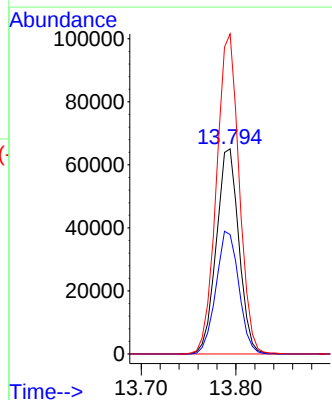
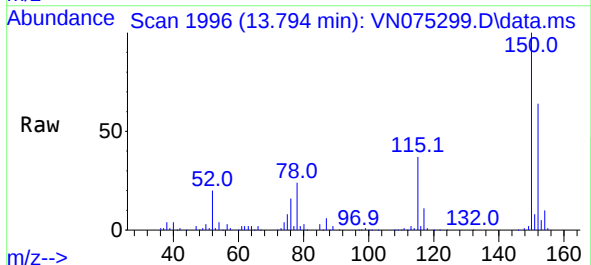
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBL01

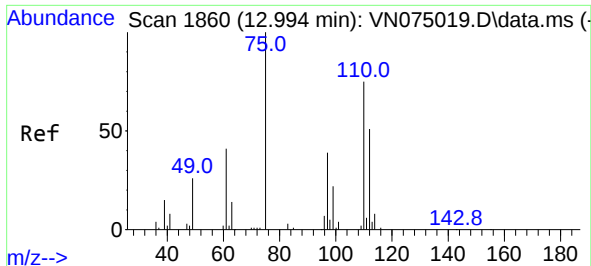
Tgt Ion:117 Resp: 249886
Ion Ratio Lower Upper
117 100
82 54.0 43.1 64.7
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

Tgt Ion:152 Resp: 107535
Ion Ratio Lower Upper
152 100
115 60.7 30.2 90.6
150 156.9 0.0 348.4

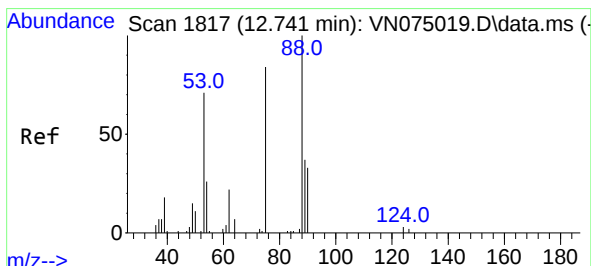
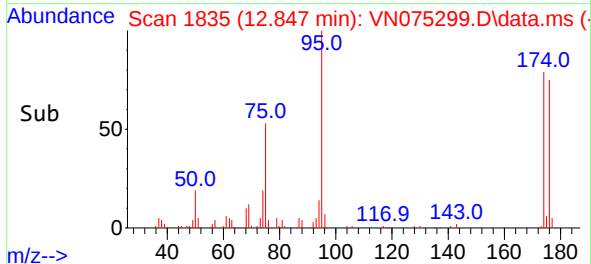
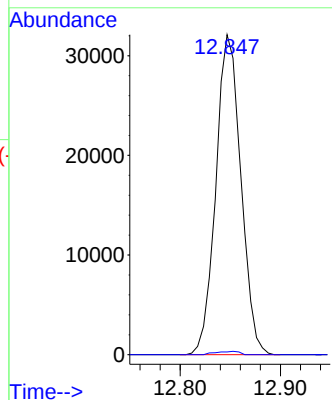
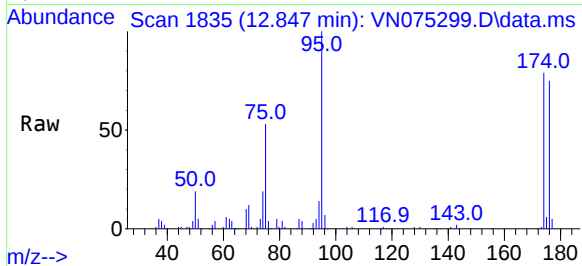




#76
1,2,3-Trichloropropane
Concen: 24.316 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

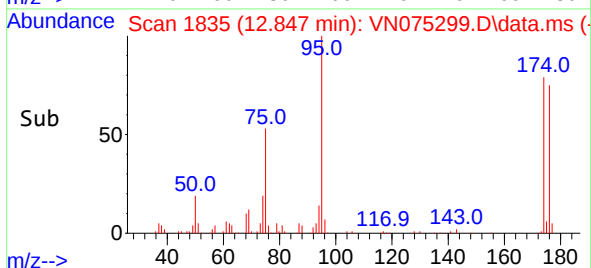
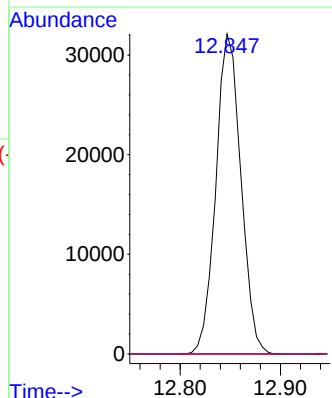
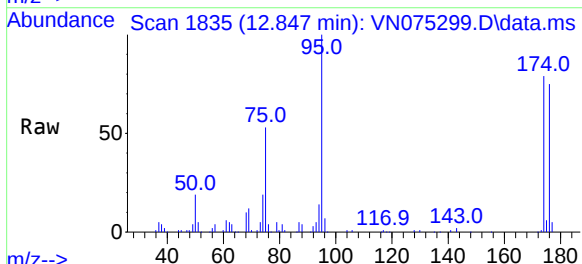
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBL01

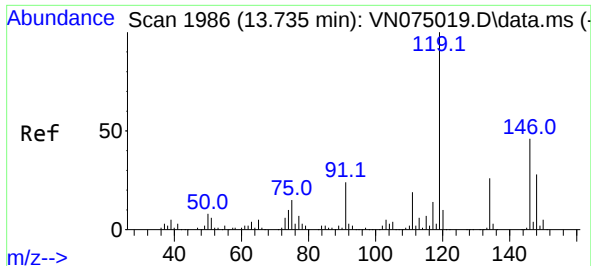
Tgt Ion: 75 Resp: 55520
Ion Ratio Lower Upper
75 100
77 1.0 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.419 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

Tgt Ion: 75 Resp: 55520
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#





#87

1,3-Dichlorobenzene

Concen: 0.257 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN075299.D

Acq: 17 Nov 2022 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBL01

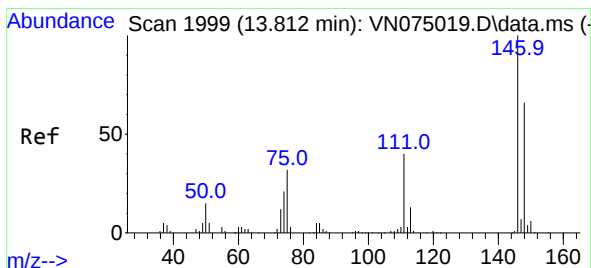
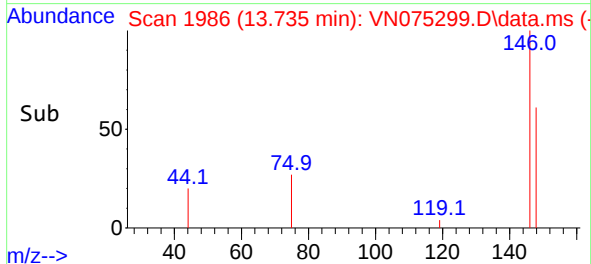
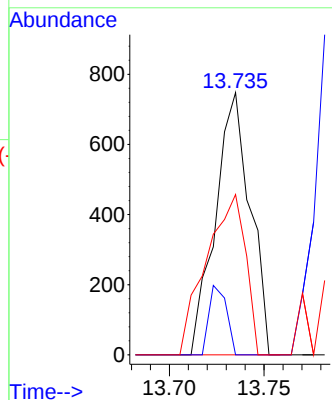
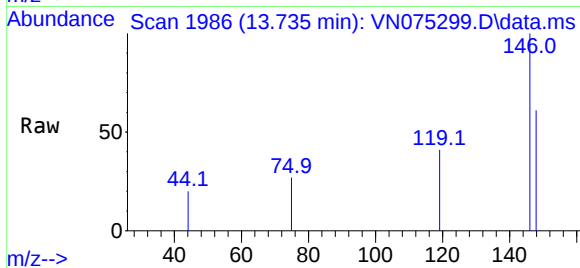
Tgt Ion:146 Resp: 956

Ion Ratio Lower Upper

146 100

111 13.3 20.8 62.5#

148 68.8 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 0.371 ug/l

RT: 13.817 min Scan# 2000

Delta R.T. 0.005 min

Lab File: VN075299.D

Acq: 17 Nov 2022 11:37

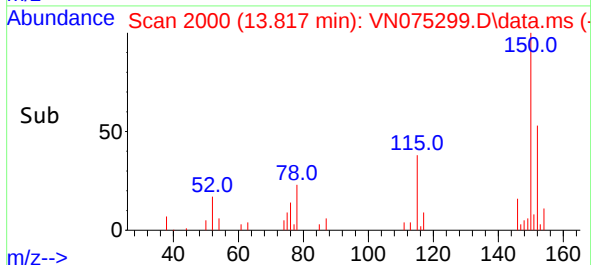
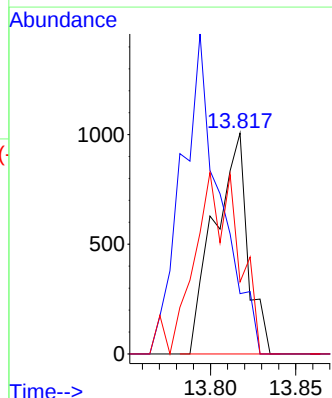
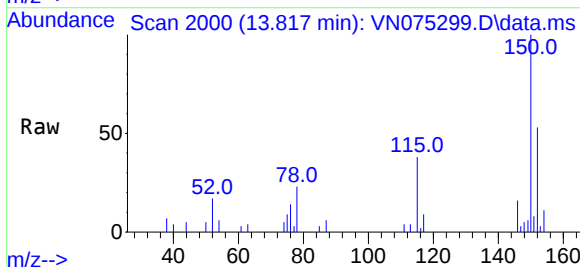
Tgt Ion:146 Resp: 1365

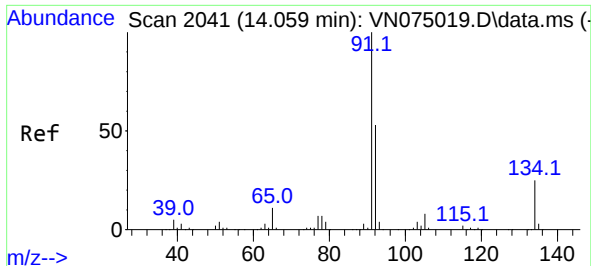
Ion Ratio Lower Upper

146 100

111 0.0 20.1 60.3#

148 0.0 31.9 95.7#



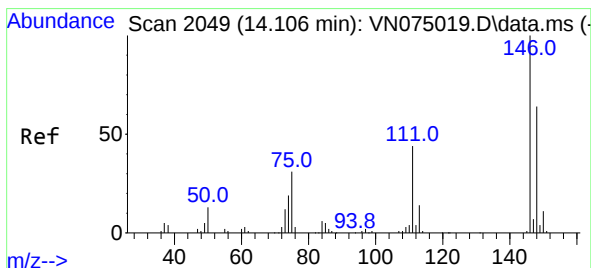
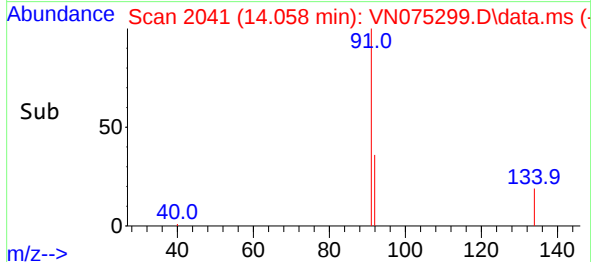
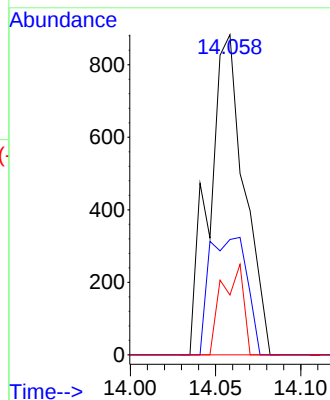
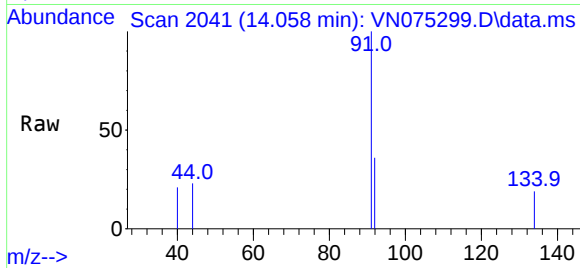


#89
n-Butylbenzene
Concen: 0.212 ug/l
RT: 14.058 min Scan# 2041
Delta R.T. -0.001 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBL01

Tgt Ion: 91 Resp: 1270

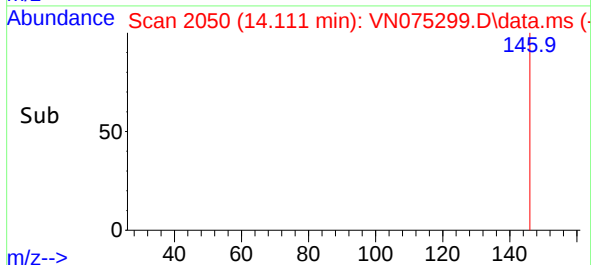
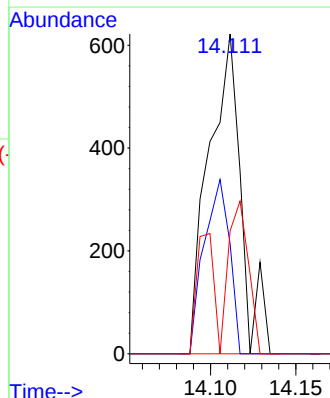
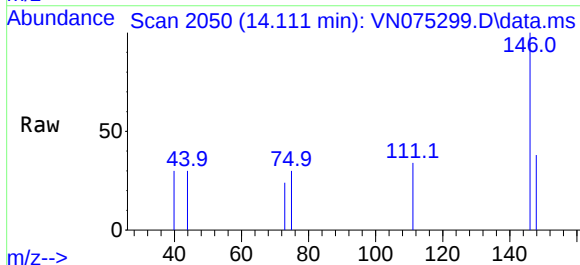
Ion	Ratio	Lower	Upper
91	100		
92	39.3	26.5	79.4
134	17.2	13.0	39.0

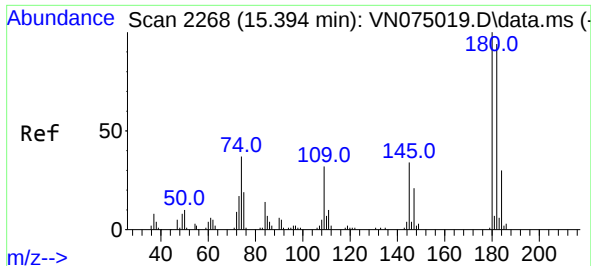


#91
1,2-Dichlorobenzene
Concen: 0.221 ug/l
RT: 14.111 min Scan# 2050
Delta R.T. 0.005 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

Tgt Ion: 146 Resp: 819

Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.3	63.9
148	29.8	31.4	94.2#





#93

1,2,4-Trichlorobenzene

Concen: 0.825 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075299.D

Acq: 17 Nov 2022 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBL01

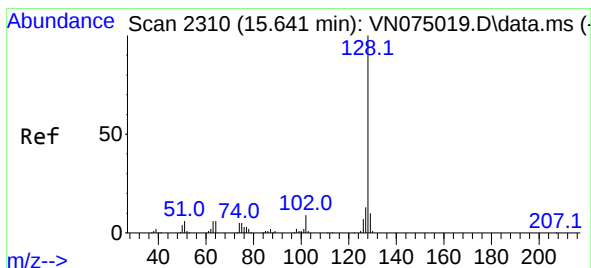
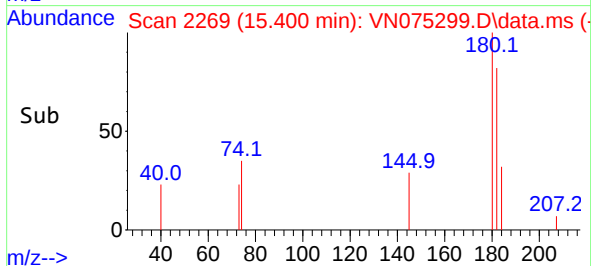
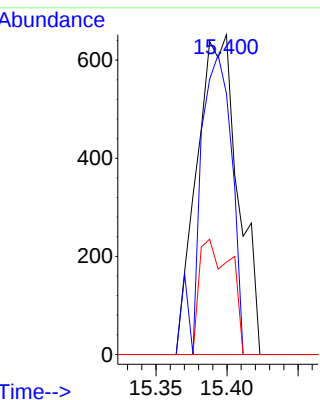
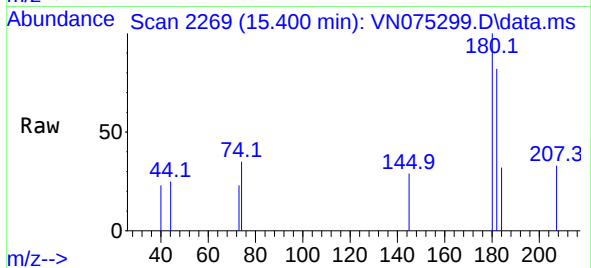
Tgt Ion:180 Resp: 1314

Ion Ratio Lower Upper

180 100

182 71.5 47.8 143.4

145 27.3 16.8 50.3



#95

Naphthalene

Concen: 1.238 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075299.D

Acq: 17 Nov 2022 11:37

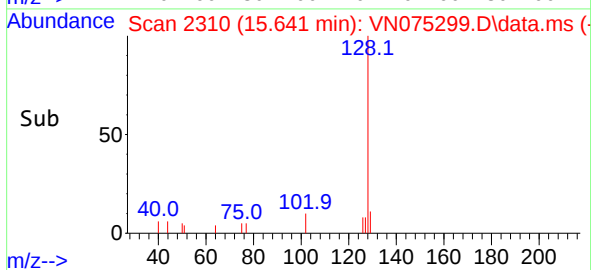
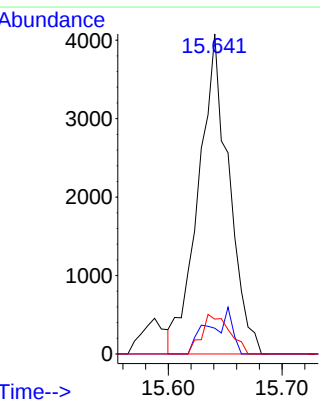
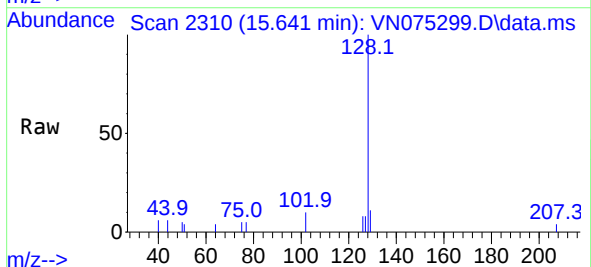
Tgt Ion:128 Resp: 7581

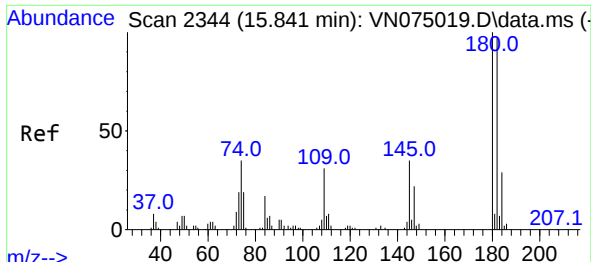
Ion Ratio Lower Upper

128 100

127 10.9 10.4 15.6

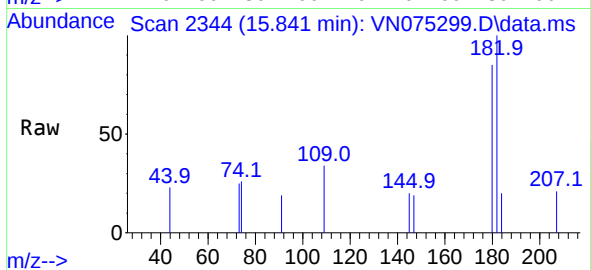
129 11.3 8.6 12.8





#96
1,2,3-Trichlorobenzene
Concen: 1.025 ug/l
RT: 15.841 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075299.D
Acq: 17 Nov 2022 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBL01



Tgt Ion:180 Resp: 1622
Ion Ratio Lower Upper
180 100
182 86.3 47.3 141.8
145 28.9 17.6 52.9

