

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075414.D
 Acq On : 25 Nov 2022 12:11
 Operator : JC\MD
 Sample : VN1125WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 28 03:33:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

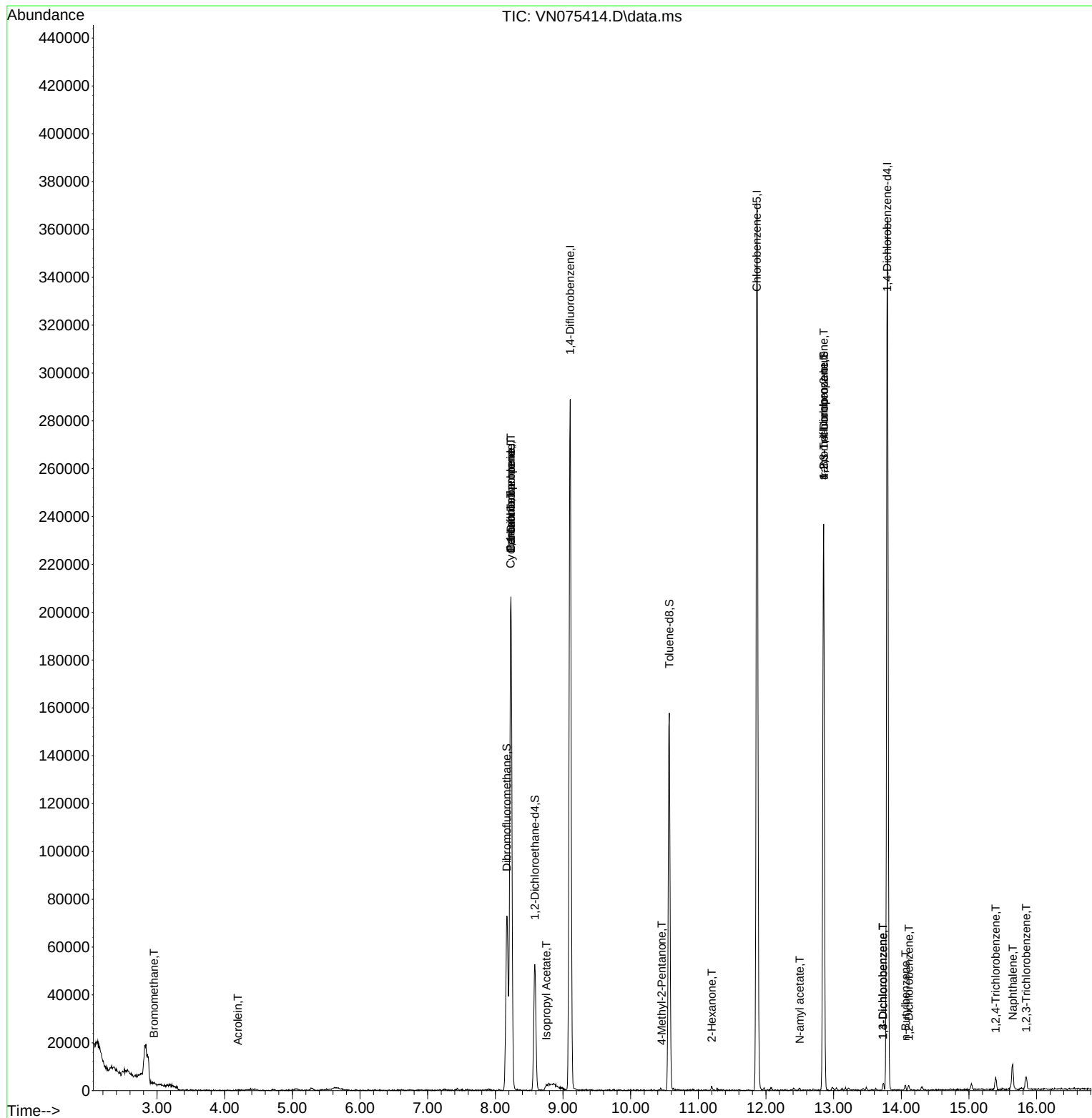
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	166455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	278948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	43967	49.207	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.420%
35) Dibromofluoromethane	8.171	113	54303	49.556	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.120%
50) Toluene-d8	10.571	98	117360	47.552	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.100%
62) 4-Bromofluorobenzene	12.853	95	82084	45.059	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.120%
Target Compounds						
					Qvalue	
5) Bromomethane	2.954	94	634	0.361	ug/l	93
13) Acrolein	4.195	56	123	0.376	ug/l #	15
18) Methyl Acetate	5.053	43	805	Below Cal	#	67
20) Methylene Chloride	5.300	84	811	Below Cal	#	57
31) Cyclohexane	8.224	56	3129	1.102	ug/l #	15
36) 1,1-Dichloropropene	8.230	75	11245	4.706	ug/l #	49
38) Carbon Tetrachloride	8.230	117	16683	6.355	ug/l #	15
43) Isopropyl Acetate	8.753	43	1172	0.339	ug/l #	53
51) 4-Methyl-2-Pentanone	10.459	43	638	0.290	ug/l #	83
59) 2-Hexanone	11.200	43	1229	0.744	ug/l	88
74) N-amyl acetate	12.500	43	579	0.248	ug/l #	68
76) 1,2,3-Trichloropropane	12.853	75	41140	20.925	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	41140	61.913	ug/l #	10
87) 1,3-Dichlorobenzene	13.729	146	1146	0.322	ug/l	75
88) 1,4-Dichlorobenzene	13.729	146	1146	0.317	ug/l	75
89) n-Butylbenzene	14.065	91	1500	0.270	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	1334	0.385	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	2182	1.229	ug/l	95
95) Naphthalene	15.647	128	11883	2.128	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	2603	1.492	ug/l	95

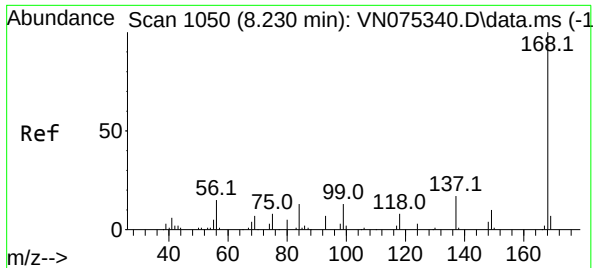
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
Data File : VN075414.D
Acq On : 25 Nov 2022 12:11
Operator : JC\MD
Sample : VN1125WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

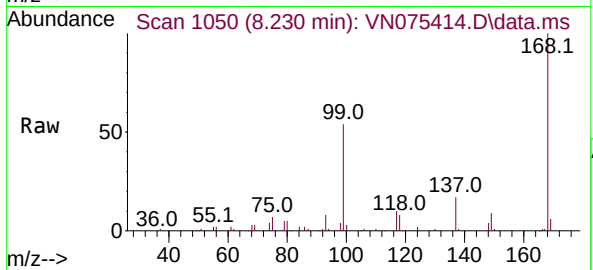
Quant Time: Nov 28 03:33:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration



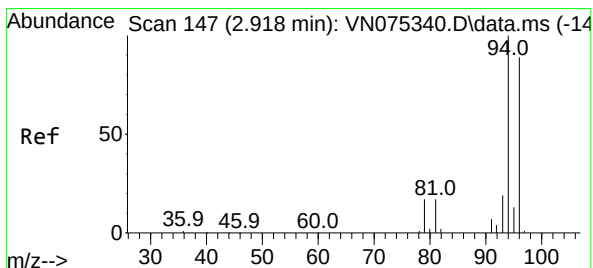
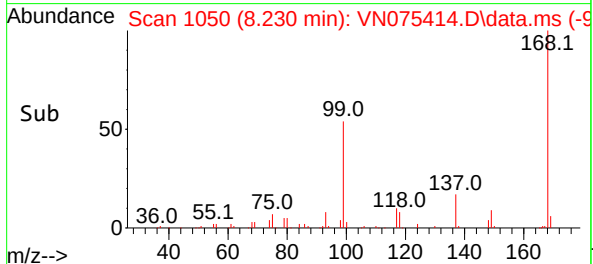
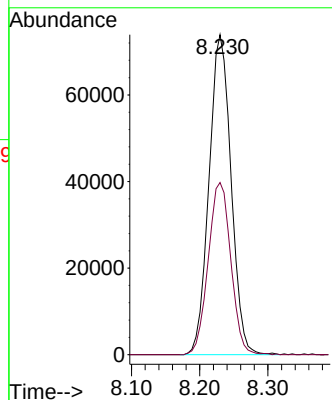


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075414.D
Acq: 25 Nov 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :

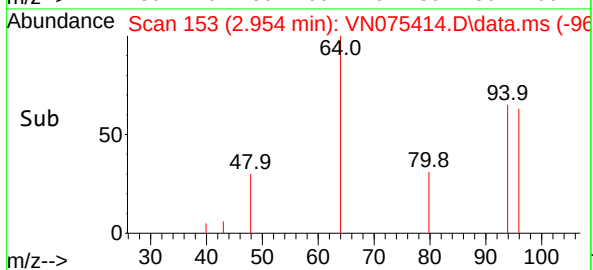
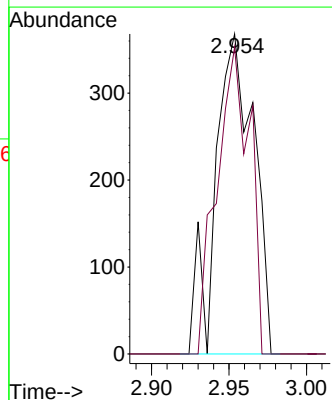
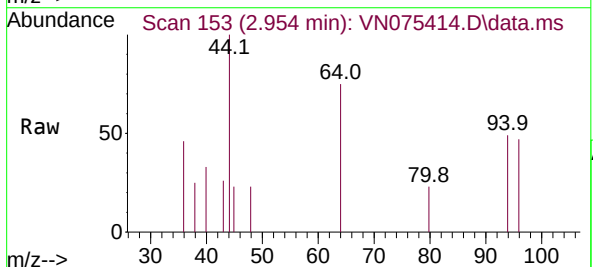


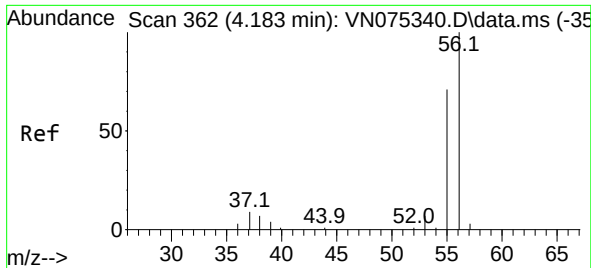
Tgt Ion:168 Resp: 166455
Ion Ratio Lower Upper
168 100
99 53.8 51.6 77.4



#5
Bromomethane
Concen: 0.361 ug/l
RT: 2.954 min Scan# 153
Delta R.T. 0.036 min
Lab File: VN075414.D
Acq: 25 Nov 2022 12:11

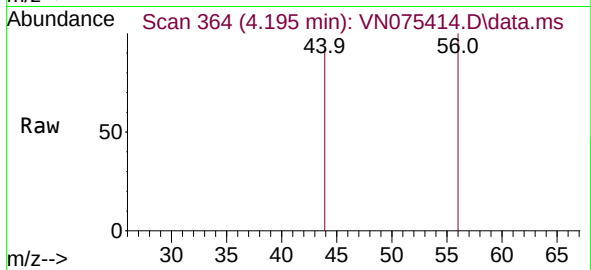
Tgt Ion: 94 Resp: 634
Ion Ratio Lower Upper
94 100
96 95.9 71.8 107.6



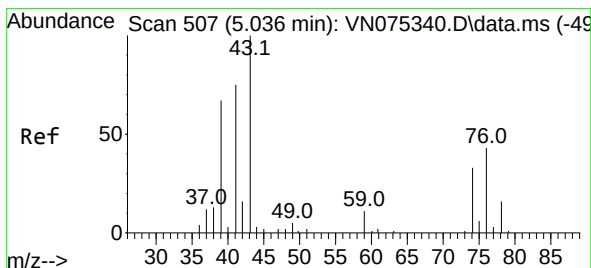
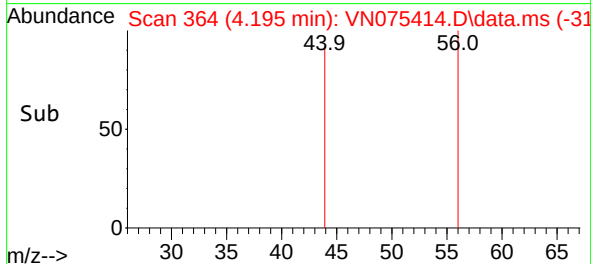
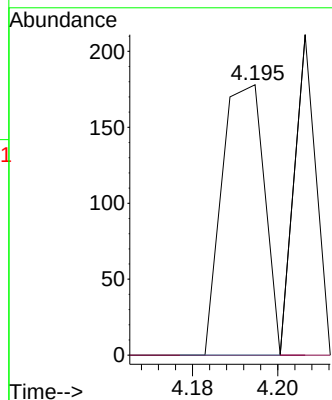


#13
Acrolein
Concen: 0.376 ug/l
RT: 4.195 min Scan# 301
Delta R.T. 0.012 min
Lab File: VN075414.D
Acq: 25 Nov 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :

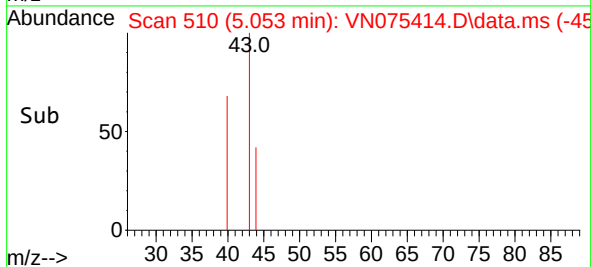
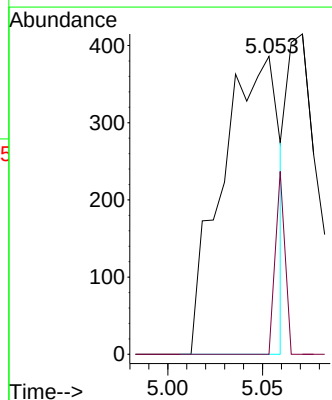
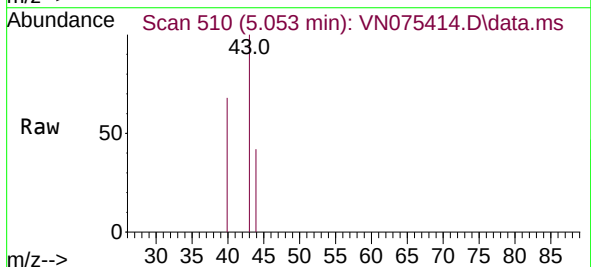


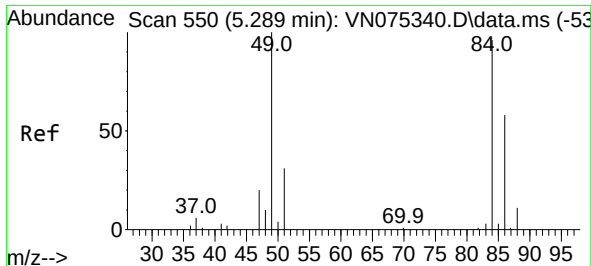
Tgt Ion: 56 Resp: 123
Ion Ratio Lower Upper
56 100
55 0.0 55.2 82.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.053 min Scan# 510
Delta R.T. 0.017 min
Lab File: VN075414.D
Acq: 25 Nov 2022 12:11

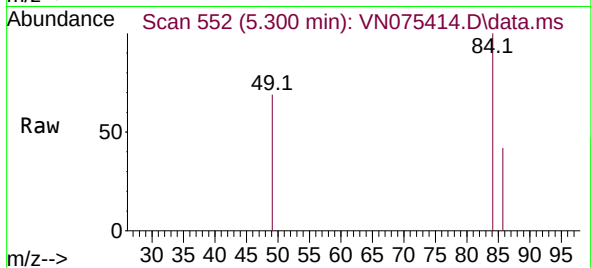
Tgt Ion: 43 Resp: 805
Ion Ratio Lower Upper
43 100
74 10.4 22.0 33.0#



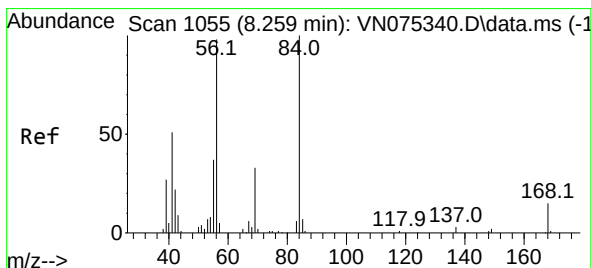
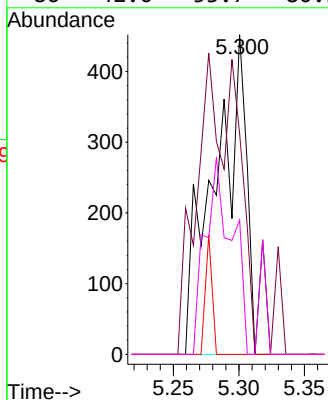
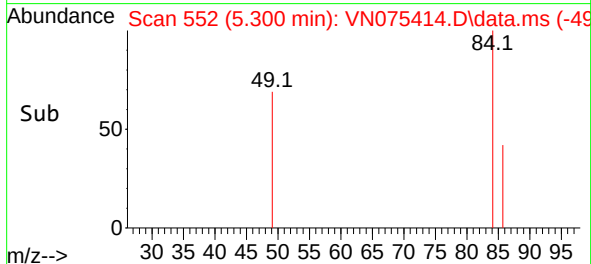


#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 511
Delta R.T. 0.011 min
Lab File: VN075414.D
Acq: 25 Nov 2022 12:11

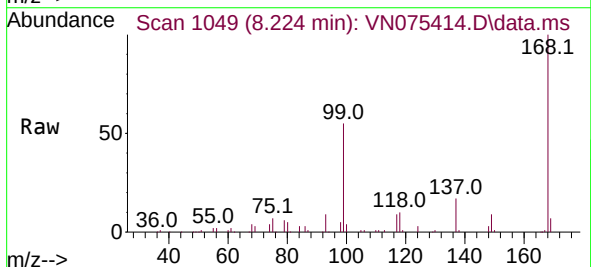
Instrument :
MSVOA_N
ClientSampleId :



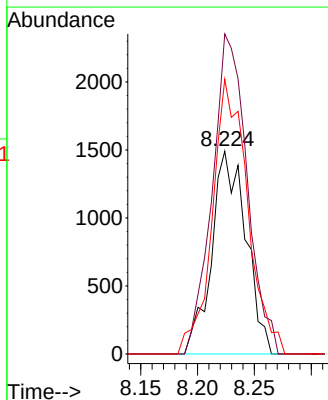
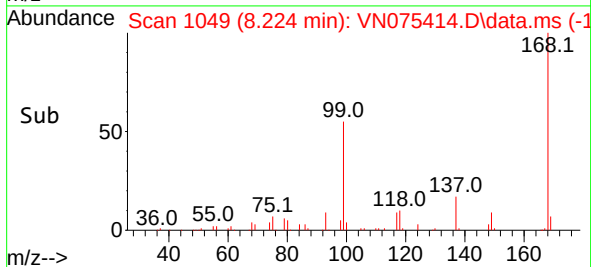
Tgt Ion: 84 Resp: 811
Ion Ratio Lower Upper
84 100
49 69.0 94.9 142.3#
51 0.0 26.8 40.2#
86 42.0 53.7 80.5#

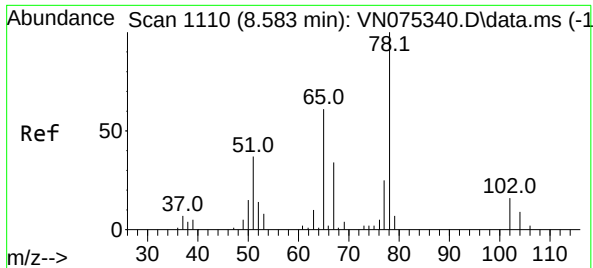


#31
Cyclohexane
Concen: 1.102 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075414.D
Acq: 25 Nov 2022 12:11



Tgt Ion: 56 Resp: 3129
Ion Ratio Lower Upper
56 100
69 157.9 25.2 37.8#
84 135.6 77.8 116.8#





#33

1,2-Dichloroethane-d4

Concen: 49.207 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075414.D

Acq: 25 Nov 2022 12:11

Instrument :

MSVOA_N

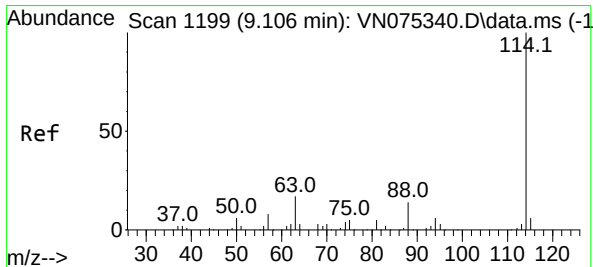
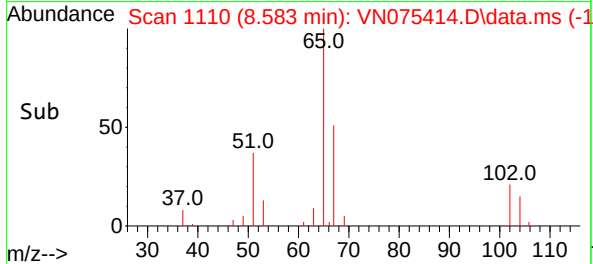
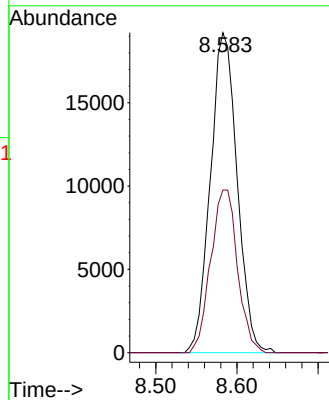
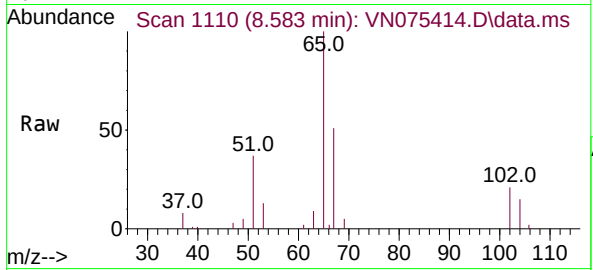
ClientSampleId :

Tgt Ion: 65 Resp: 43967

Ion Ratio Lower Upper

65 100

67 50.9 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: VN075414.D

Acq: 25 Nov 2022 12:11

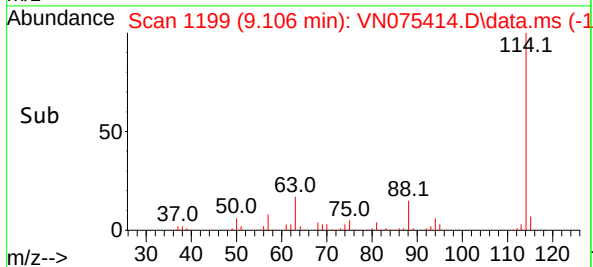
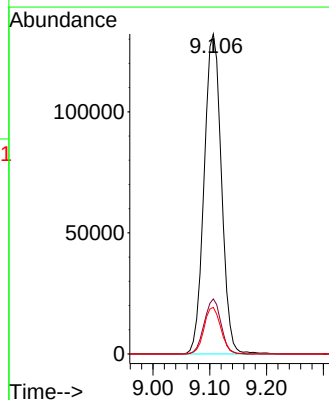
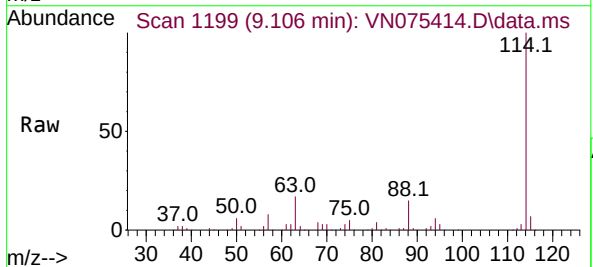
Tgt Ion: 114 Resp: 278948

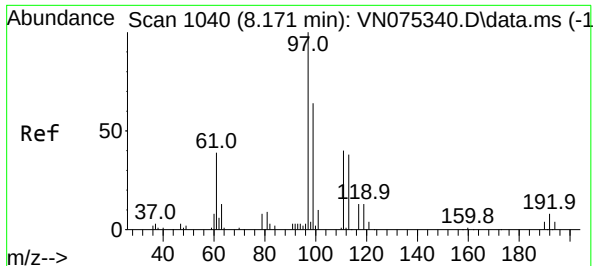
Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.6

88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.556 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

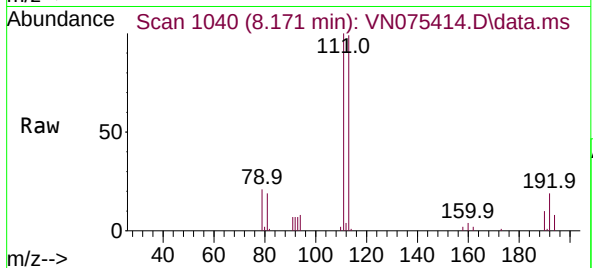
Lab File: VN075414.D

Acq: 25 Nov 2022 12:11

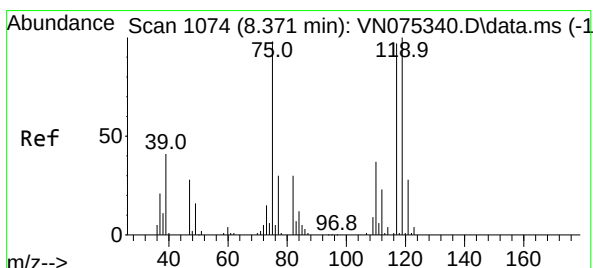
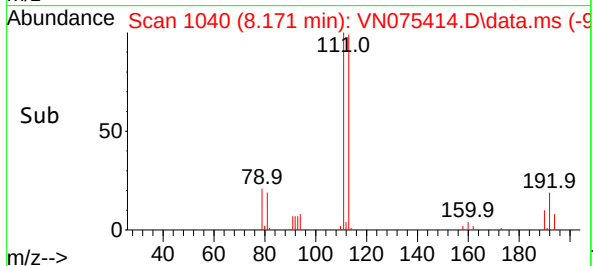
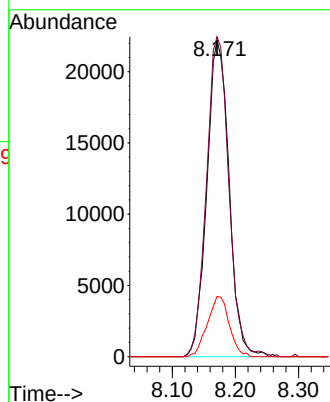
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	113	Resp:	54303
Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.5	120.7
192	18.7	13.2	19.8



#36

1,1-Dichloropropene

Concen: 4.706 ug/l

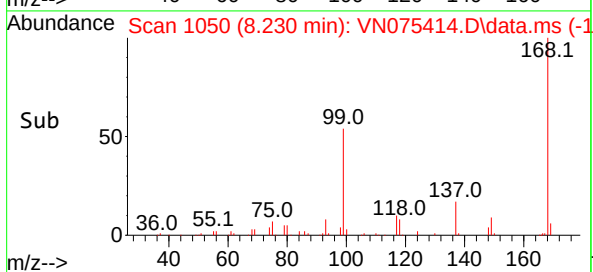
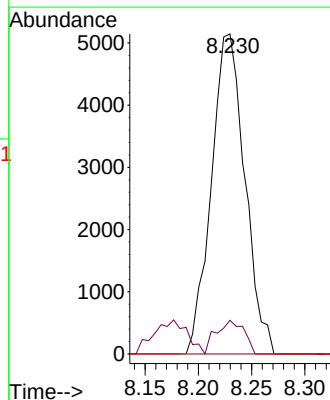
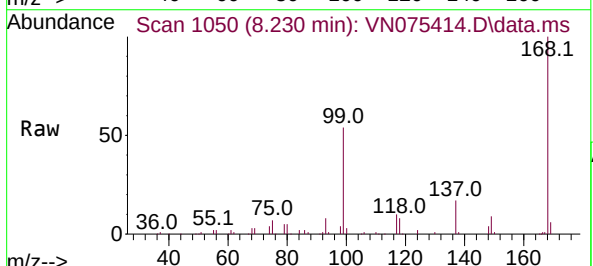
RT: 8.230 min Scan# 1050

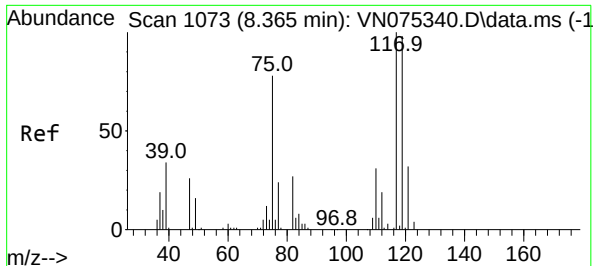
Delta R.T. -0.141 min

Lab File: VN075414.D

Acq: 25 Nov 2022 12:11

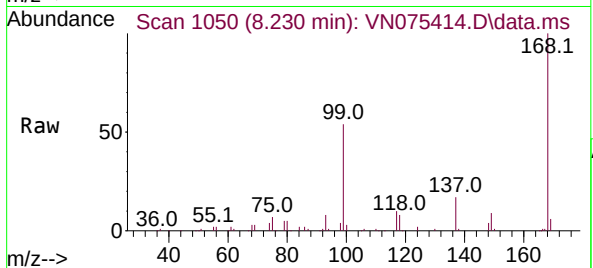
Tgt Ion:	75	Resp:	11245
Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.8	53.3#
77	0.0	24.6	37.0#



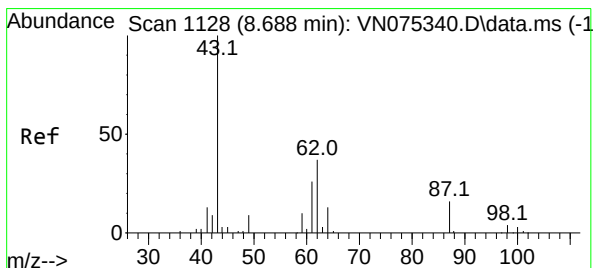
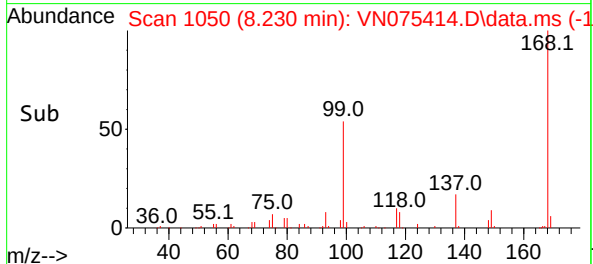
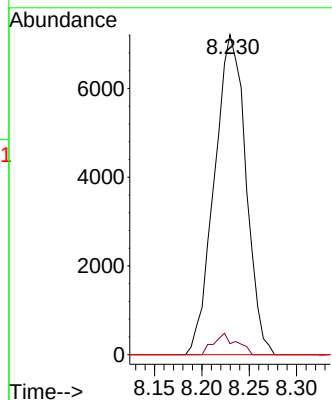


#38
Carbon Tetrachloride
Concen: 6.355 ug/l
RT: 8.230 min Scan# 1109
Delta R.T. -0.135 min
Lab File: VN075414.D
Acq: 25 Nov 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :

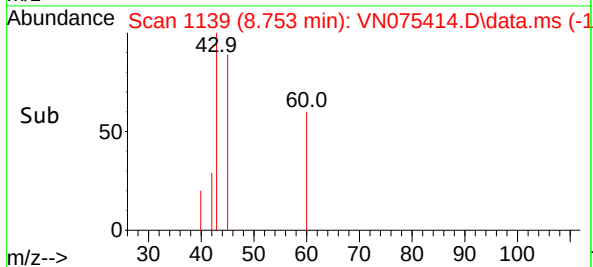
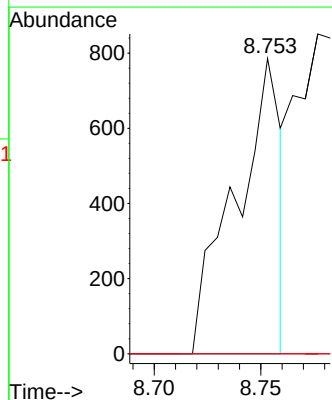
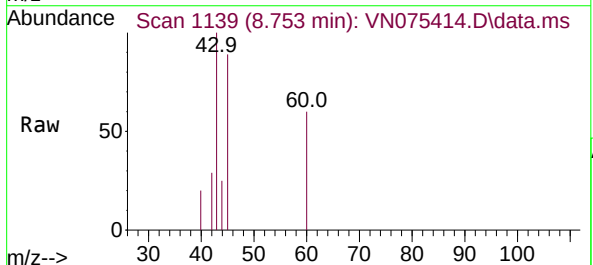


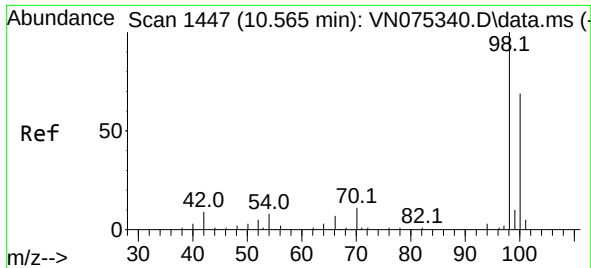
Tgt Ion:117 Resp: 16683
Ion Ratio Lower Upper
117 100
119 3.5 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 0.339 ug/l
RT: 8.753 min Scan# 1139
Delta R.T. 0.065 min
Lab File: VN075414.D
Acq: 25 Nov 2022 12:11

Tgt Ion: 43 Resp: 1172
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#

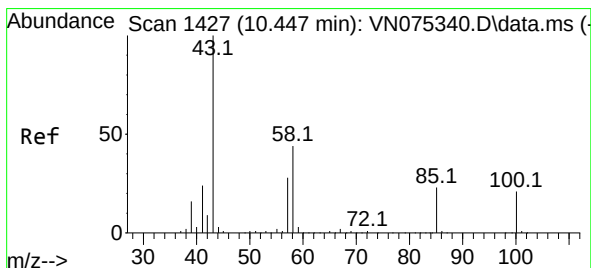
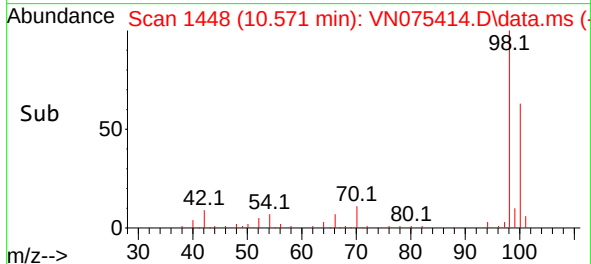
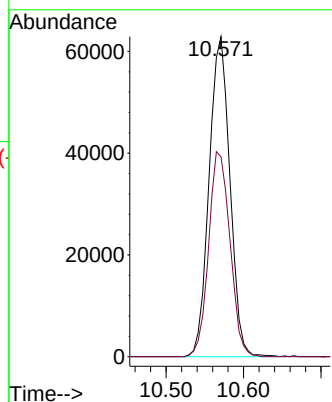
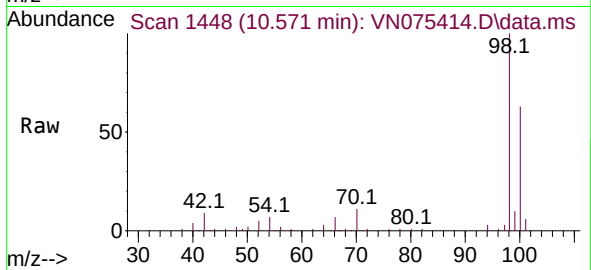




#50
Toluene-d8
Concen: 47.552 ug/l
RT: 10.571 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN075414.D
Acq: 25 Nov 2022 12:11

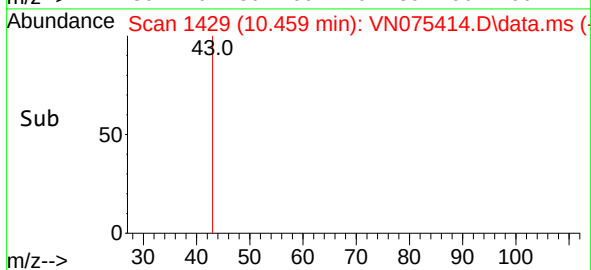
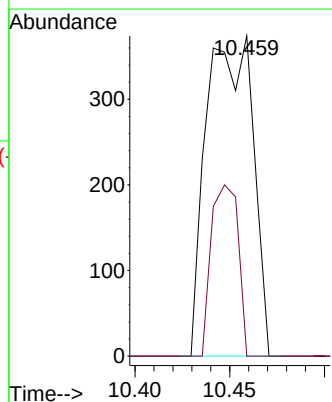
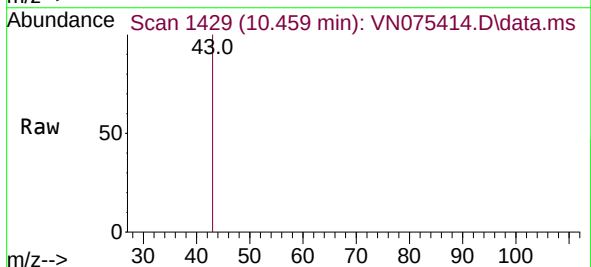
Instrument :
MSVOA_N
ClientSampleId :

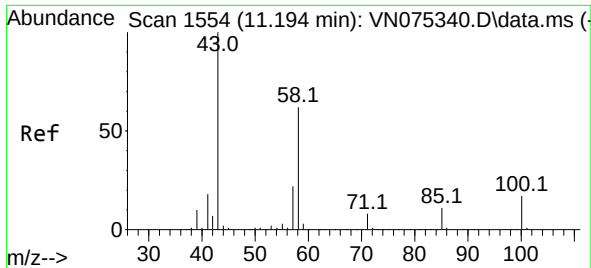
Tgt Ion: 98 Resp: 117360
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 0.290 ug/l
RT: 10.459 min Scan# 1429
Delta R.T. 0.012 min
Lab File: VN075414.D
Acq: 25 Nov 2022 12:11

Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
58 31.0 33.6 50.4#

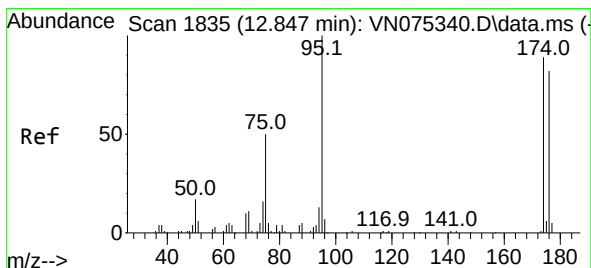
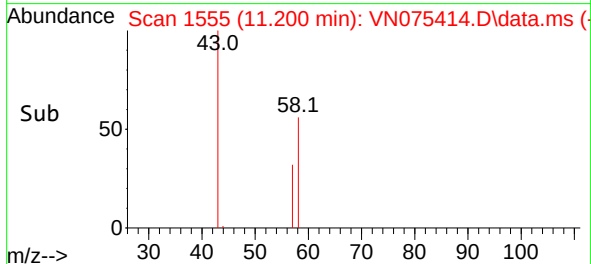
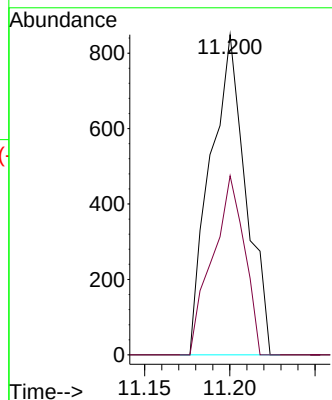
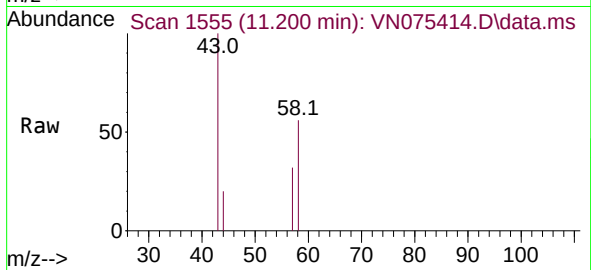




#59
2-Hexanone
Concen: 0.744 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075414.D
Acq: 25 Nov 2022 12:11

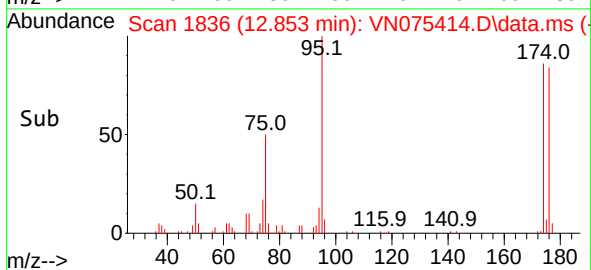
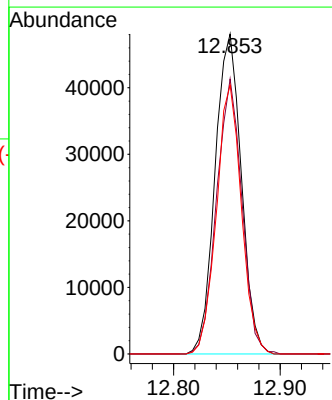
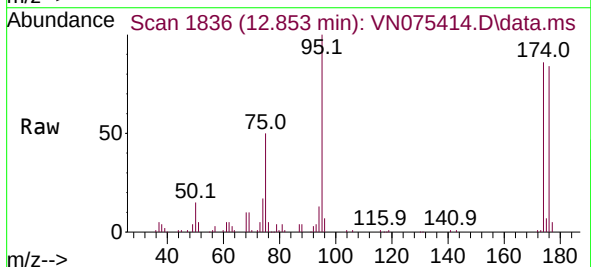
Instrument :
MSVOA_N
ClientSampleId :

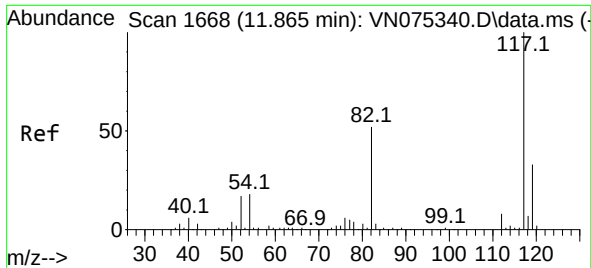
Tgt Ion: 43 Resp: 1229
Ion Ratio Lower Upper
43 100
58 50.3 29.6 88.8



#62
4-Bromofluorobenzene
Concen: 45.059 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075414.D
Acq: 25 Nov 2022 12:11

Tgt Ion: 95 Resp: 82084
Ion Ratio Lower Upper
95 100
174 83.3 0.0 147.4
176 80.2 0.0 142.2

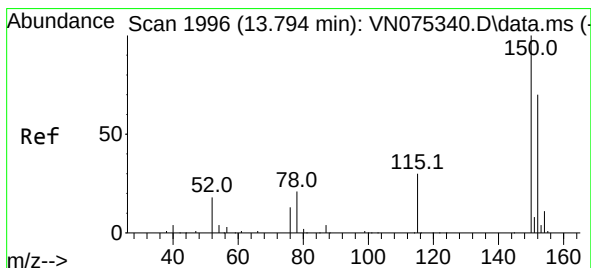
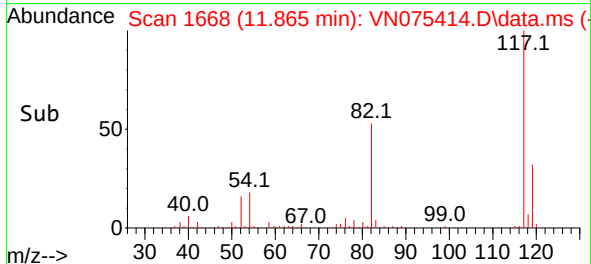
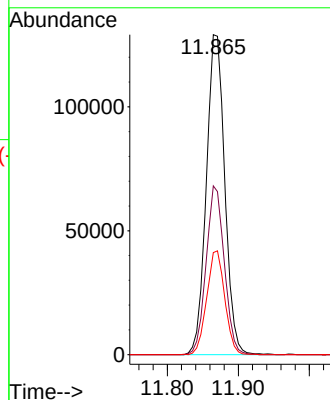
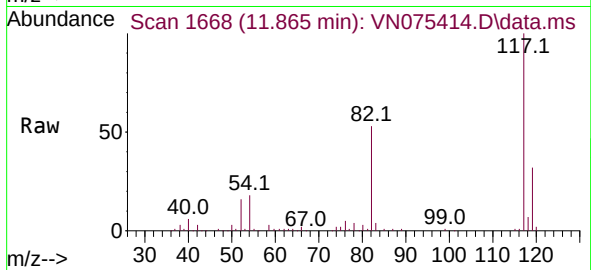




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075414.D
Acq: 25 Nov 2022 12:11

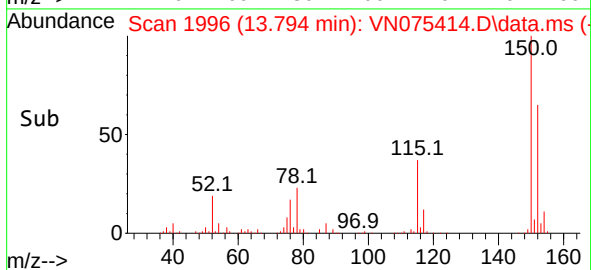
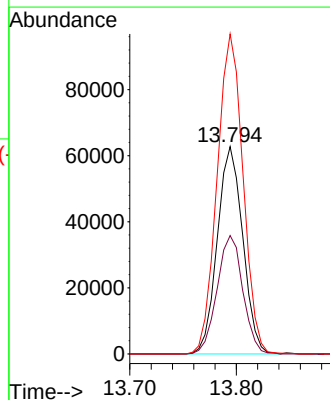
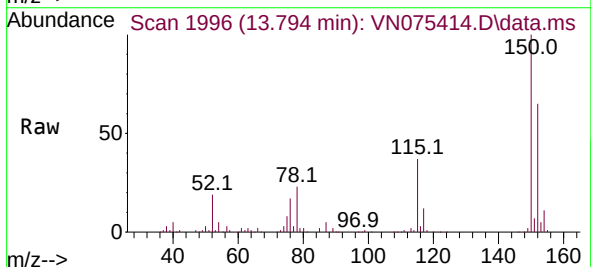
Instrument :
MSVOA_N
ClientSampleId :

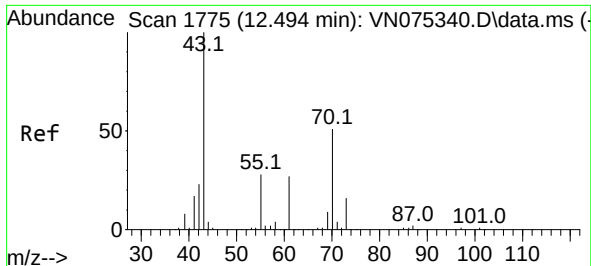
Tgt Ion:117 Resp: 233399
Ion Ratio Lower Upper
117 100
82 52.8 43.1 64.7
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075414.D
Acq: 25 Nov 2022 12:11

Tgt Ion:152 Resp: 103983
Ion Ratio Lower Upper
152 100
115 57.7 30.2 90.6
150 157.2 0.0 348.4

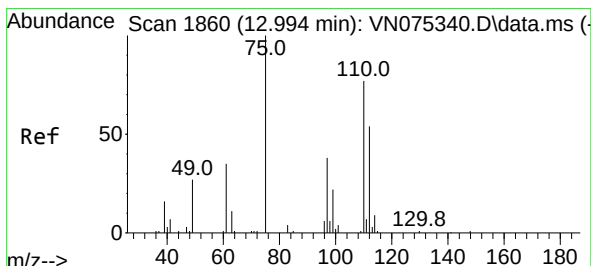
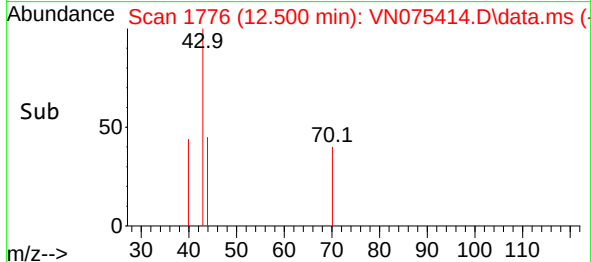
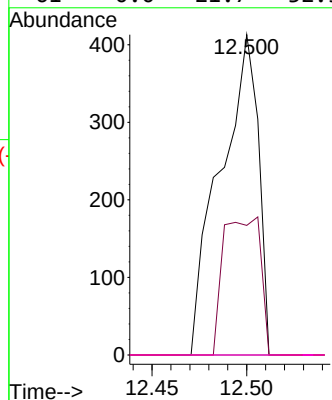
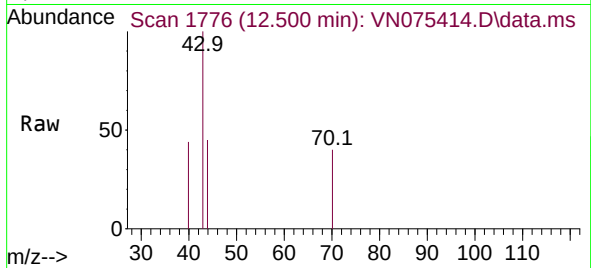




#74
N-amy1 acetate
Concen: 0.248 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075414.D
Acq: 25 Nov 2022 12:11

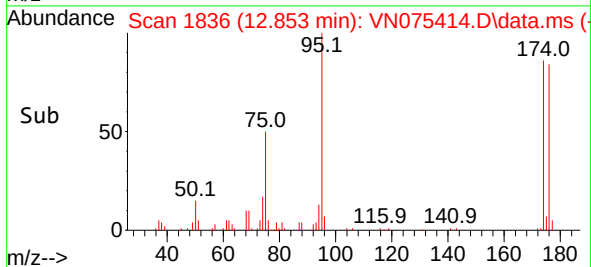
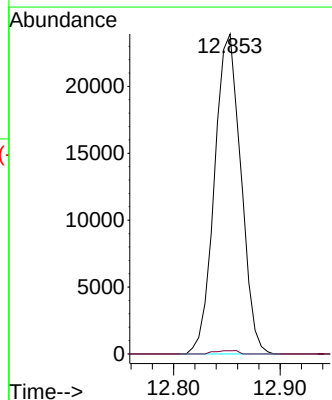
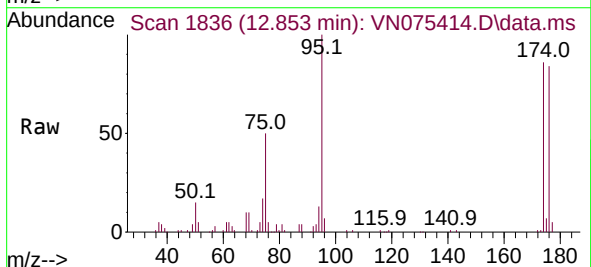
Instrument :
MSVOA_N
ClientSampleId :

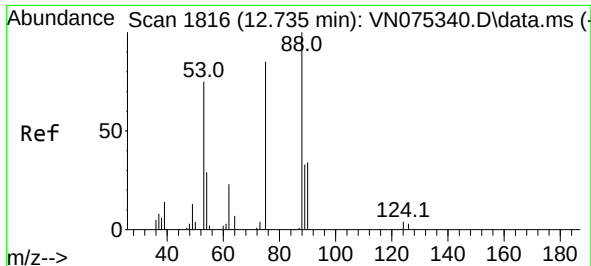
Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
70 41.6 39.8 59.8
55 0.0 19.9 29.9#
61 0.0 21.7 32.5#



#76
1,2,3-Trichloropropane
Concen: 20.925 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075414.D
Acq: 25 Nov 2022 12:11

Tgt Ion: 75 Resp: 41140
Ion Ratio Lower Upper
75 100
77 0.9 75.6 226.8#

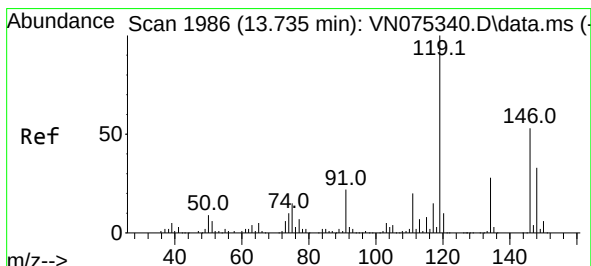
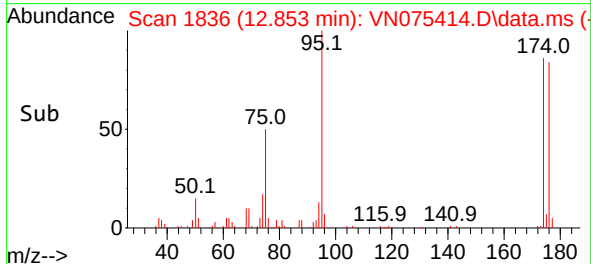
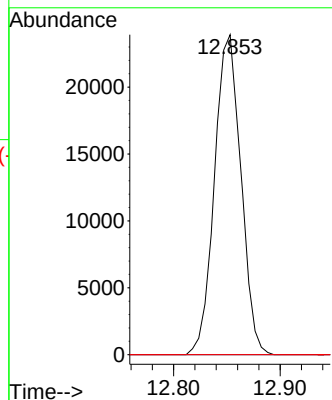
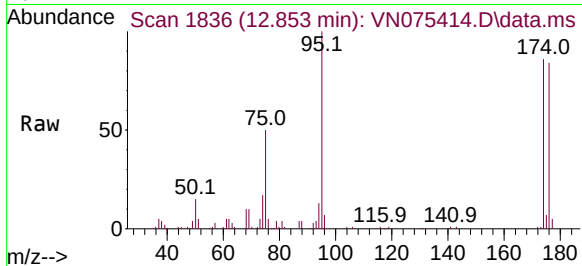




#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.913 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. 0.118 min
 Lab File: VN075414.D
 Acq: 25 Nov 2022 12:11

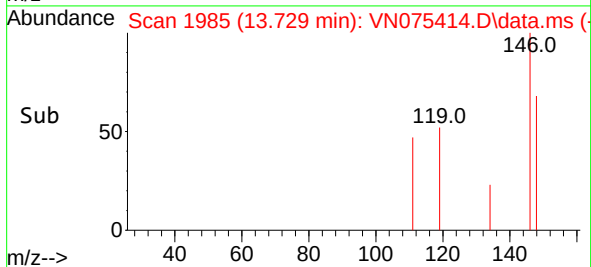
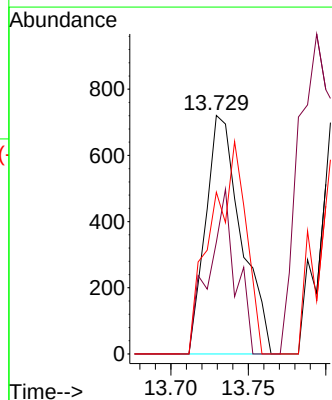
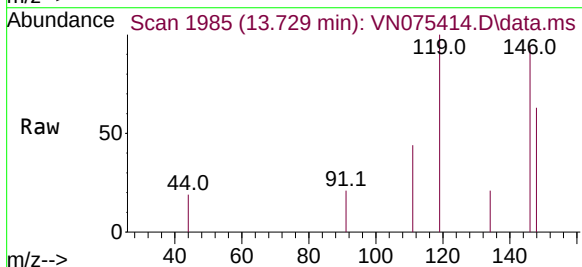
Instrument :
 MSVOA_N
 ClientSampleId :

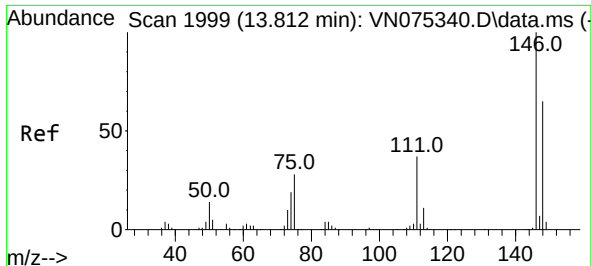
Tgt Ion: 75 Resp: 41140
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.7 56.5#



#87
 1,3-Dichlorobenzene
 Concen: 0.322 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075414.D
 Acq: 25 Nov 2022 12:11

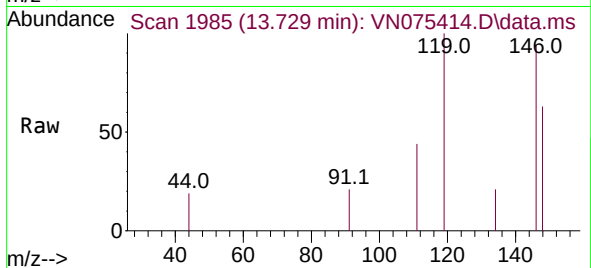
Tgt Ion:146 Resp: 1146
 Ion Ratio Lower Upper
 146 100
 111 52.4 20.8 62.5
 148 86.1 31.1 93.5



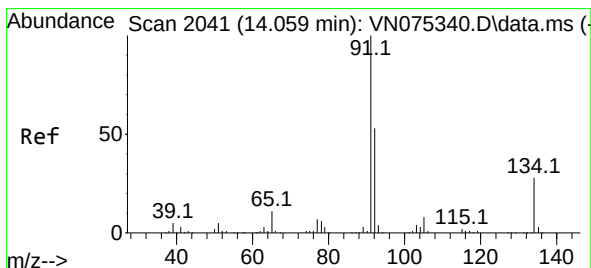
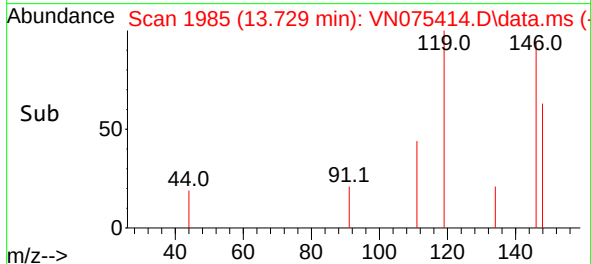
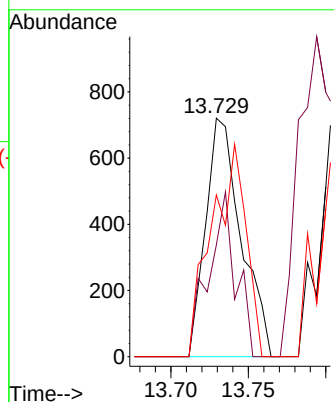


#88
 1,4-Dichlorobenzene
 Concen: 0.317 ug/l
 RT: 13.729 min Scan# 1999
 Delta R.T. -0.083 min
 Lab File: VN075414.D
 Acq: 25 Nov 2022 12:11

Instrument :
 MSVOA_N
 ClientSampleId :

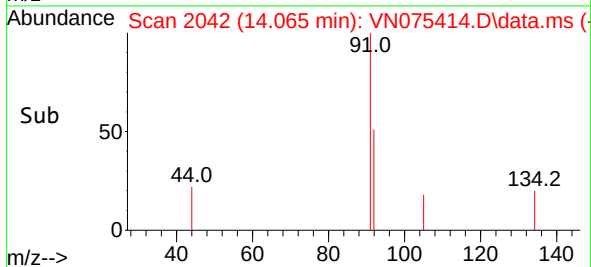
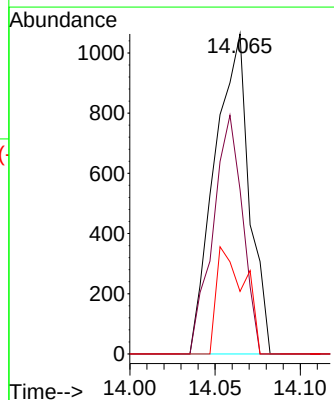
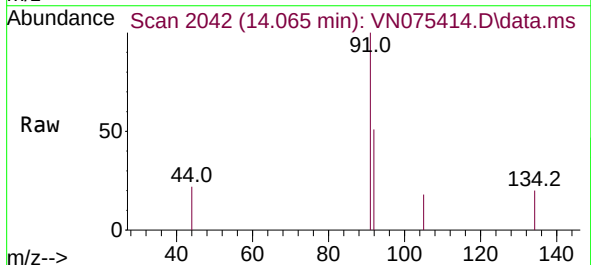


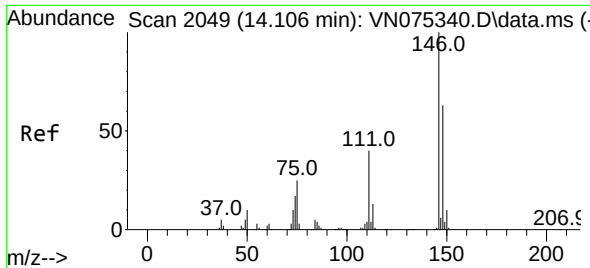
Tgt Ion:146 Resp: 1146
 Ion Ratio Lower Upper
 146 100
 111 52.4 20.1 60.3
 148 86.1 31.9 95.7



#89
 n-Butylbenzene
 Concen: 0.270 ug/l
 RT: 14.065 min Scan# 2042
 Delta R.T. 0.006 min
 Lab File: VN075414.D
 Acq: 25 Nov 2022 12:11

Tgt Ion: 91 Resp: 1500
 Ion Ratio Lower Upper
 91 100
 92 63.8 26.5 79.4
 134 27.0 13.0 39.0

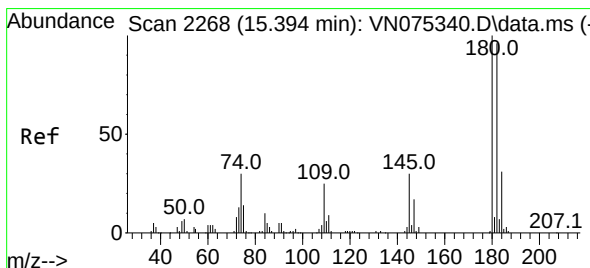
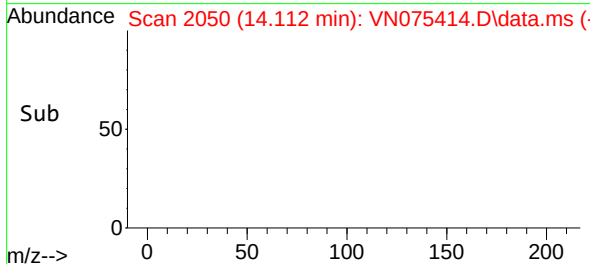
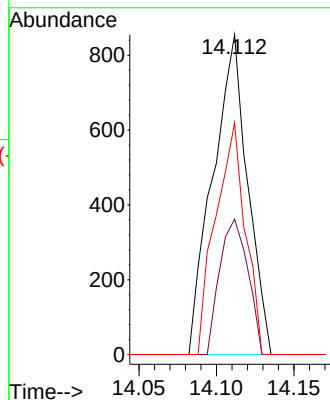
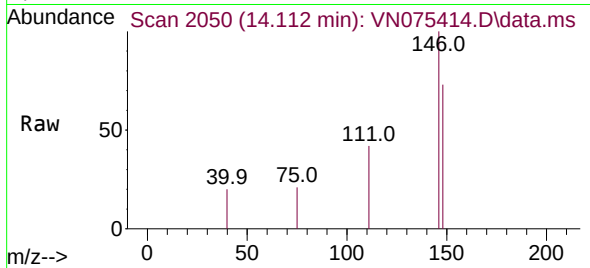




#91
 1,2-Dichlorobenzene
 Concen: 0.385 ug/l
 RT: 14.112 min Scan# 2049
 Delta R.T. 0.006 min
 Lab File: VN075414.D
 Acq: 25 Nov 2022 12:11

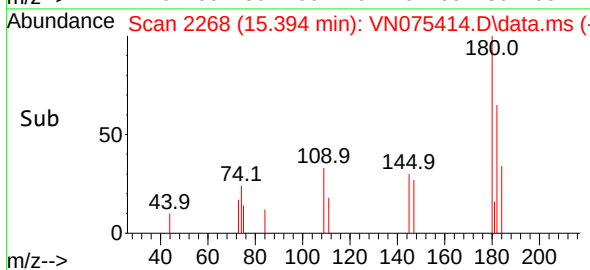
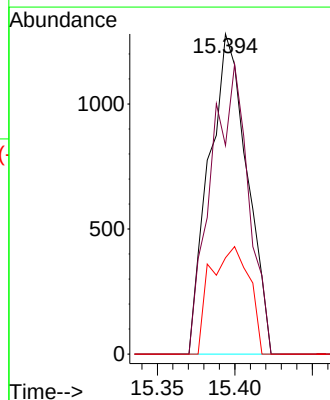
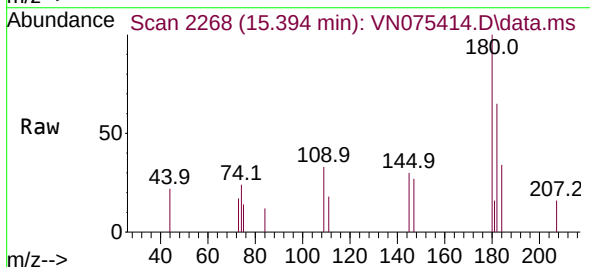
Instrument :
 MSVOA_N
 ClientSampleId :

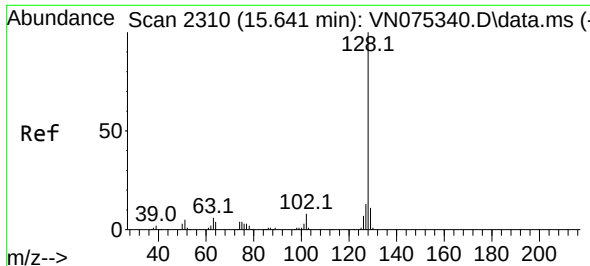
Tgt Ion:146 Resp: 1334
 Ion Ratio Lower Upper
 146 100
 111 34.3 21.3 63.9
 148 61.8 31.4 94.2



#93
 1,2,4-Trichlorobenzene
 Concen: 1.229 ug/l
 RT: 15.394 min Scan# 2268
 Delta R.T. -0.000 min
 Lab File: VN075414.D
 Acq: 25 Nov 2022 12:11

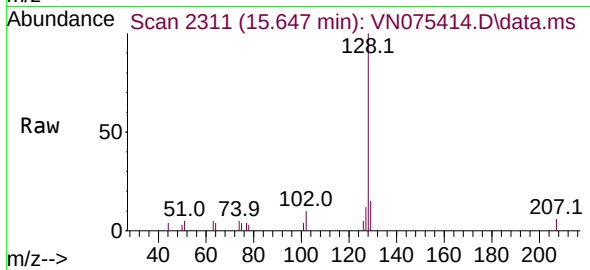
Tgt Ion:180 Resp: 2182
 Ion Ratio Lower Upper
 180 100
 182 89.6 47.8 143.4
 145 34.3 16.8 50.3



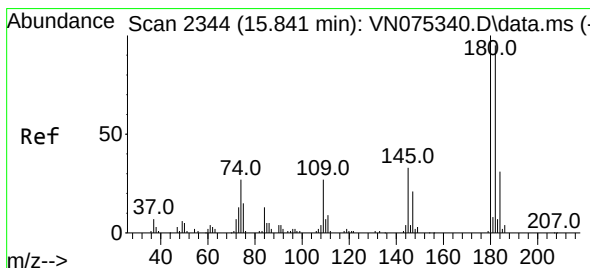
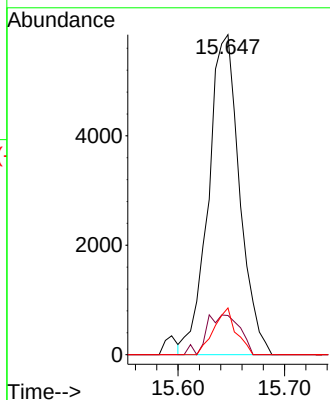
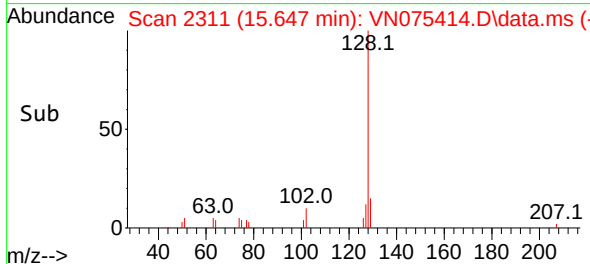


#95
Naphthalene
Concen: 2.128 ug/l
RT: 15.647 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN075414.D
Acq: 25 Nov 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 11883
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.4 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 1.492 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075414.D
Acq: 25 Nov 2022 12:11

Tgt Ion:180 Resp: 2603
Ion Ratio Lower Upper
180 100
182 92.5 47.3 141.8
145 27.6 17.6 52.9

