

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110222\
 Data File : VN075114.D
 Acq On : 02 Nov 2022 14:03
 Operator : JC\MD
 Sample : N5380-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-E

Quant Time: Nov 03 04:16:25 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	98377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	192365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	178443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	73137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	79135	59.701	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.400%
35) Dibromofluoromethane	8.171	113	60207	53.315	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.620%
50) Toluene-d8	10.570	98	242516	55.353	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.700%
62) 4-Bromofluorobenzene	12.853	95	78475	50.989	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.980%
Target Compounds						
					Qvalue	
5) Bromomethane	2.836	94	62	Below Cal	#	5
6) Chloroethane	2.842	64	18716	13.459	ug/l #	56
11) Tert butyl alcohol	5.541	59	72	0.233	ug/l #	72
16) Acetone	4.447	43	16567	29.518	ug/l	91
18) Methyl Acetate	5.059	43	1617	0.882	ug/l #	72
20) Methylene Chloride	5.288	84	10414	8.322	ug/l	90
25) 2-Butanone	7.488	43	2019	2.287	ug/l #	43
31) Cyclohexane	8.235	56	2994	1.519	ug/l #	47
36) 1,1-Dichloropropene	8.229	75	8958	5.124	ug/l #	50
37) Ethyl Acetate	7.571	43	15255	7.956	ug/l	98
38) Carbon Tetrachloride	8.229	117	11778	6.124	ug/l #	17
39) Methylcyclohexane	9.606	83	2807	1.216	ug/l	94
43) Isopropyl Acetate	8.694	43	85755	28.834	ug/l #	83
45) 1,2-Dichloropropane	9.747	63	890	0.699	ug/l #	42
48) Methyl methacrylate	9.676	41	2128	1.560	ug/l #	35
51) 4-Methyl-2-Pentanone	10.453	43	2796	1.457	ug/l	96
52) Toluene	10.635	92	1453	0.406	ug/l	92
53) t-1,3-Dichloropropene	10.729	75	464	0.229	ug/l #	43
54) cis-1,3-Dichloropropene	10.365	75	26556	12.342	ug/l #	68
55) 1,1,2-Trichloroethane	11.012	97	288	0.203	ug/l #	17
57) 1,3-Dichloropropane	11.206	76	3543	1.499	ug/l #	42
59) 2-Hexanone	11.170	43	54323	37.295	ug/l #	21
67) Ethyl Benzene	11.965	91	3619	0.528	ug/l	97
68) m/p-Xylenes	12.070	106	10516	3.824	ug/l	97
69) o-Xylene	12.400	106	8793	3.234	ug/l	90
71) Bromoform	12.847	173	570	0.539	ug/l #	1
73) Isopropylbenzene	12.694	105	2670	0.455	ug/l	100
74) N-amyl acetate	12.482	43	888	0.409	ug/l #	38
75) 1,1,2,2-Tetrachloroethane	12.847	83	87	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.847	75	43305	27.887	ug/l #	1
78) n-propylbenzene	13.041	91	2097	0.318	ug/l	88
79) 2-Chlorotoluene	13.100	91	2240	0.556	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.176	105	20707	4.199	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.847	75	43305	71.585	ug/l #	10
82) 4-Chlorotoluene	13.100	91	2240	0.556	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.482	105	25218	5.054	ug/l	100

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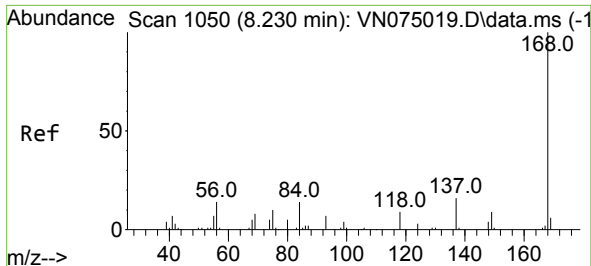
Quant Time: Nov 03 04:16:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.617	105	3131	0.511	ug/l	91
86) p-Isopropyltoluene	13.729	119	2591	0.512	ug/l	96
89) n-Butylbenzene	14.017	91	1436	0.352	ug/l #	1
90) Hexachloroethane	14.329	117	257	0.277	ug/l #	19
95) Naphthalene	15.647	128	2759	0.663	ug/l #	87

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

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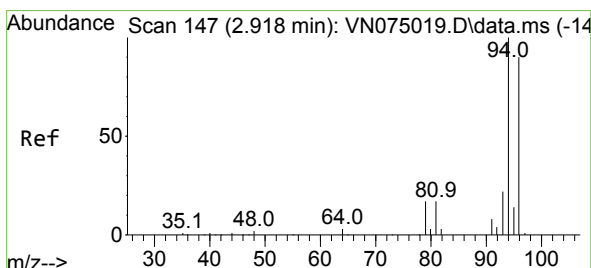
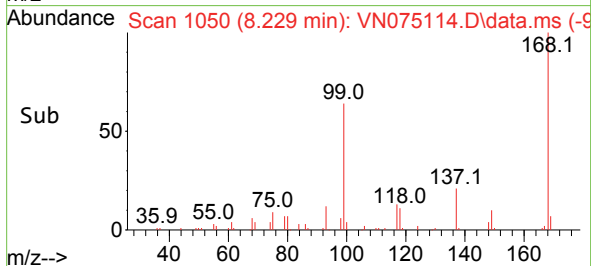
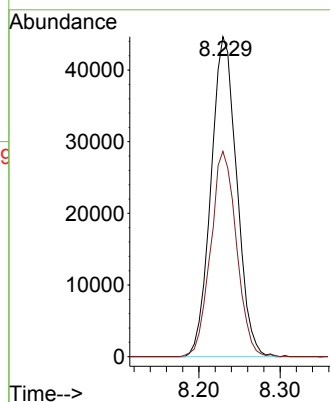
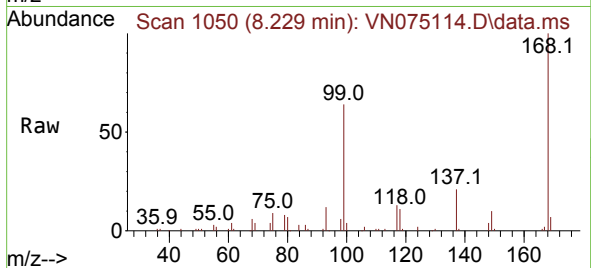




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

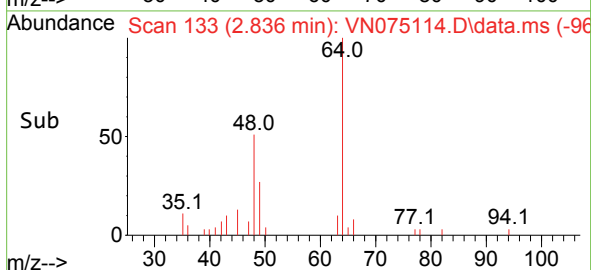
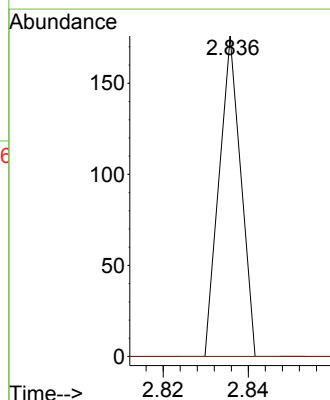
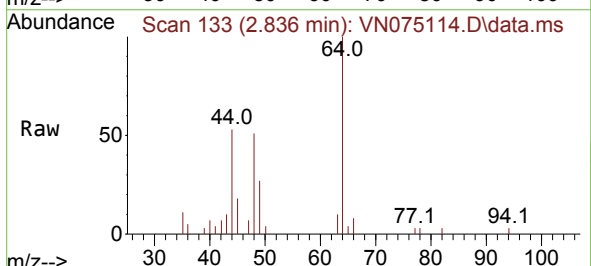
Instrument :
MSVOA_N
ClientSampleId :
TP-E

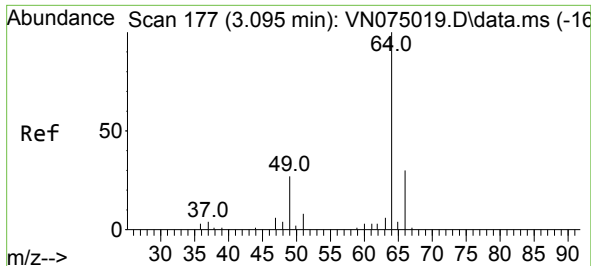
Tgt Ion:168 Resp: 98377
Ion Ratio Lower Upper
168 100
99 64.2 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.836 min Scan# 133
Delta R.T. -0.082 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

Tgt Ion: 94 Resp: 62
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

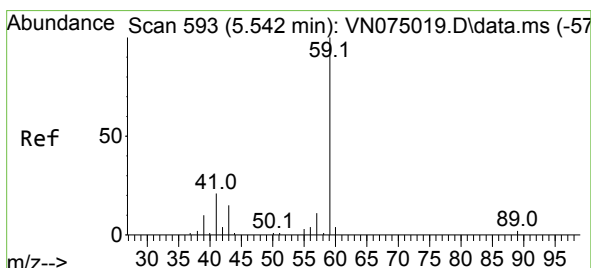
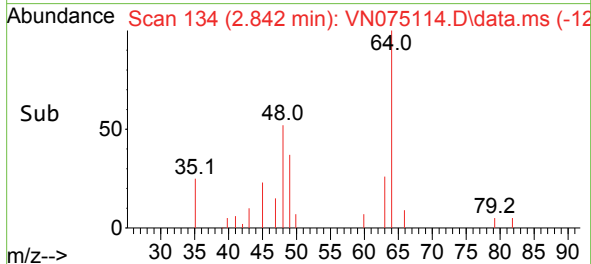
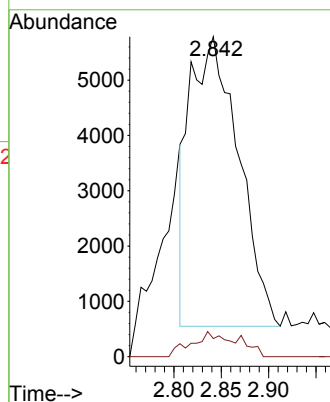
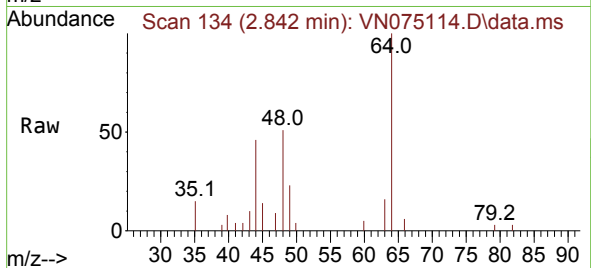




#6
Chloroethane
Concen: 13.459 ug/l
RT: 2.842 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

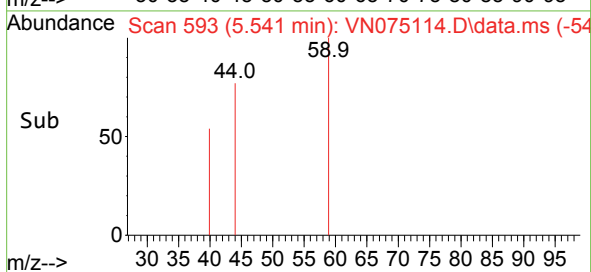
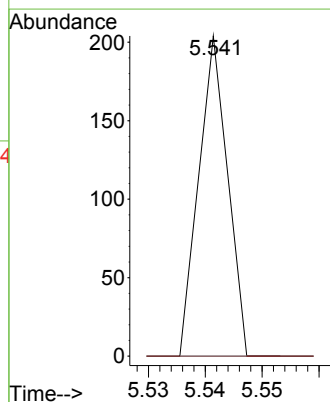
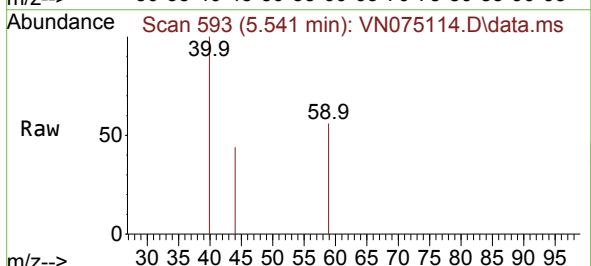
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MSVOA_N
ClientSampleId :
TP-E

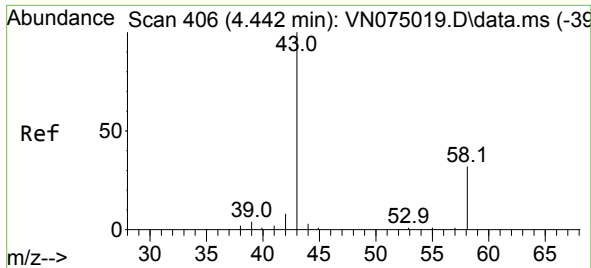
Tgt Ion: 64 Resp: 18716
Ion Ratio Lower Upper
64 100
66 6.2 23.8 35.8#



#11
Tert butyl alcohol
Concen: 0.233 ug/l
RT: 5.541 min Scan# 593
Delta R.T. -0.001 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

Tgt Ion: 59 Resp: 72
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

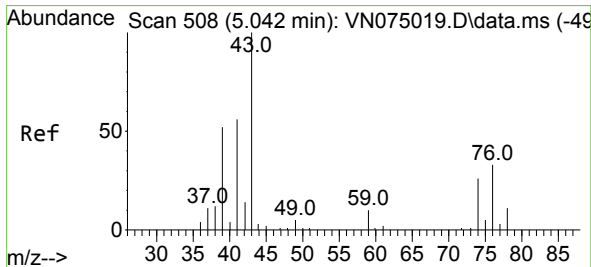
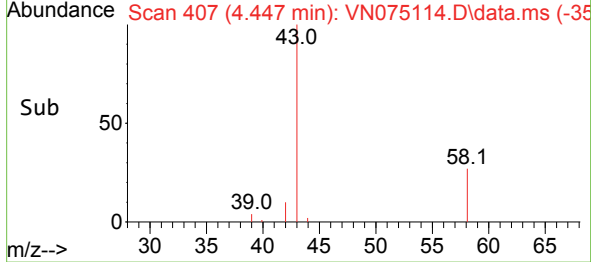
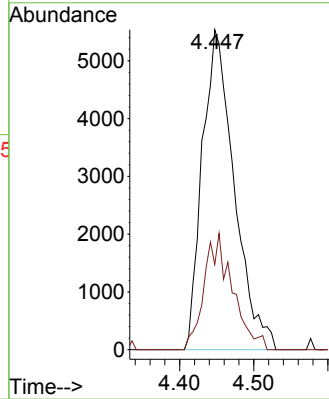
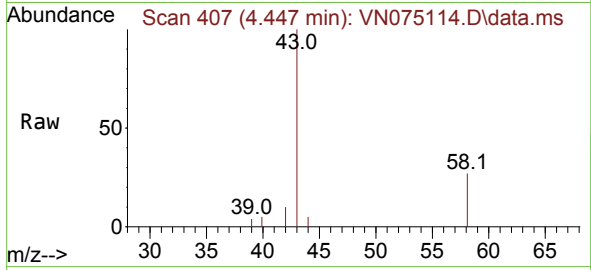




#16
Acetone
Concen: 29.518 ug/l
RT: 4.447 min Scan# 406
Delta R.T. 0.005 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

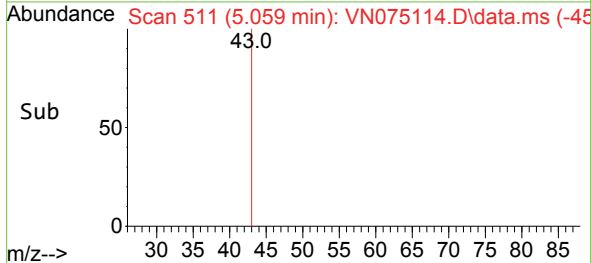
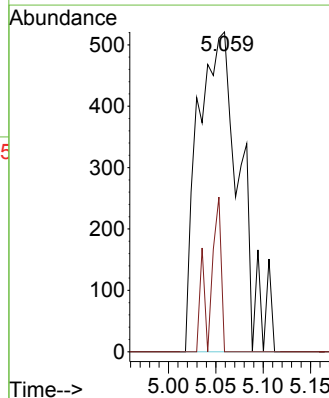
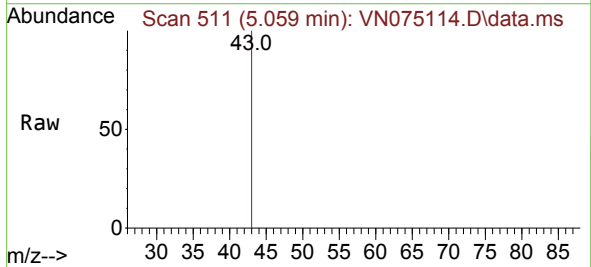
Instrument :
MSVOA_N
ClientSampleId :
TP-E

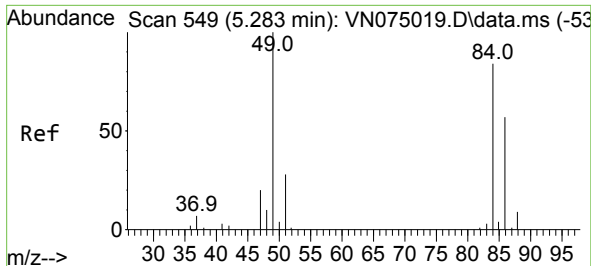
Tgt Ion: 43 Resp: 16567
Ion Ratio Lower Upper
43 100
58 26.7 25.5 38.3



#18
Methyl Acetate
Concen: 0.882 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.017 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

Tgt Ion: 43 Resp: 1617
Ion Ratio Lower Upper
43 100
74 12.8 22.0 33.0#





#20

Methylene Chloride

Concen: 8.322 ug/l

RT: 5.288 min Scan# 51

Delta R.T. 0.005 min

Lab File: VN075114.D

Acq: 02 Nov 2022 14:03

Instrument :

MSVOA_N

ClientSampleId :

TP-E

Tgt Ion: 84 Resp: 10414

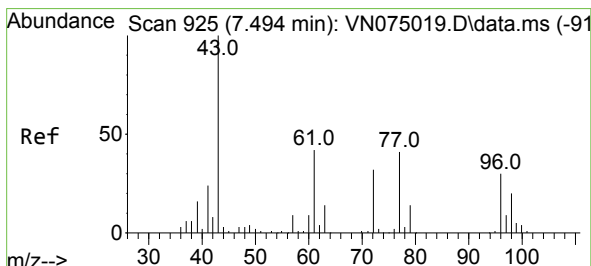
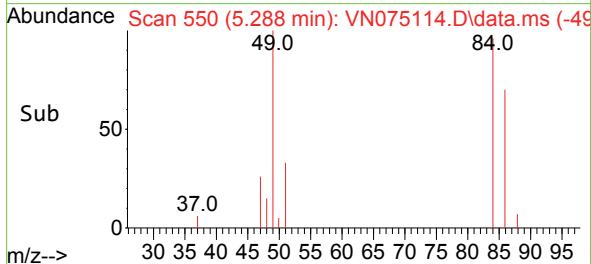
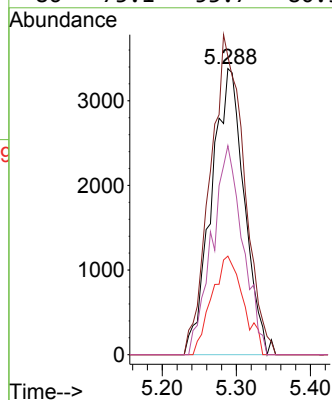
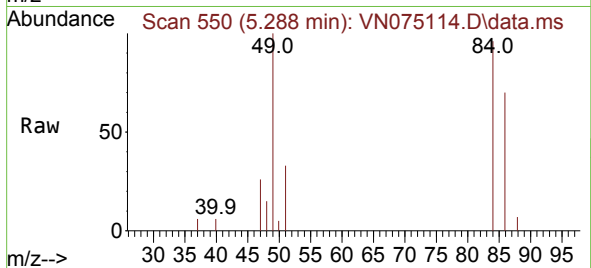
Ion Ratio Lower Upper

84 100

49 104.2 94.9 142.3

51 34.5 26.8 40.2

86 73.1 53.7 80.5



#25

2-Butanone

Concen: 2.287 ug/l

RT: 7.488 min Scan# 924

Delta R.T. -0.006 min

Lab File: VN075114.D

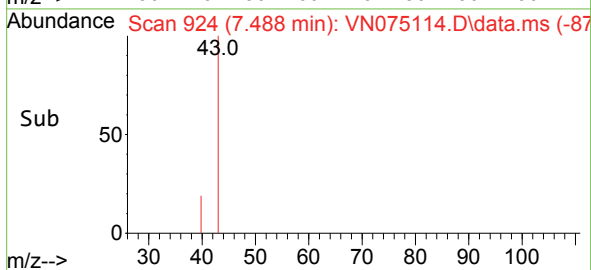
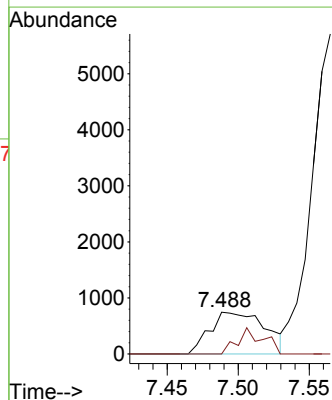
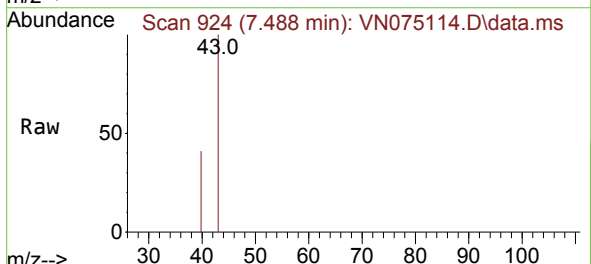
Acq: 02 Nov 2022 14:03

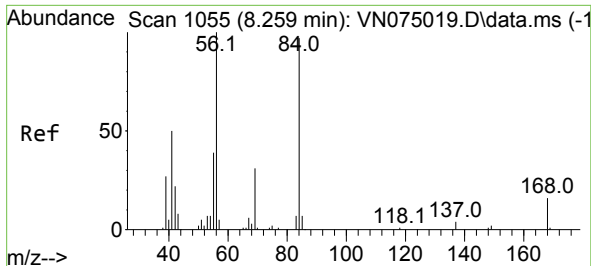
Tgt Ion: 43 Resp: 2019

Ion Ratio Lower Upper

43 100

72 0.0 25.5 38.3#

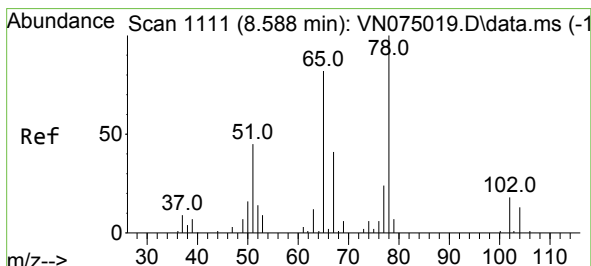
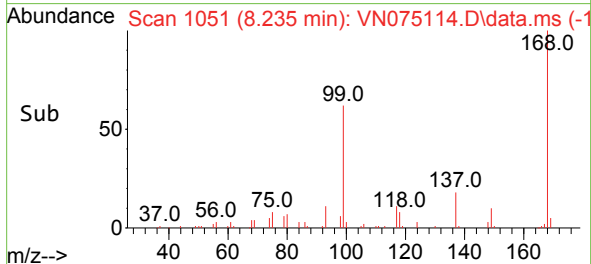
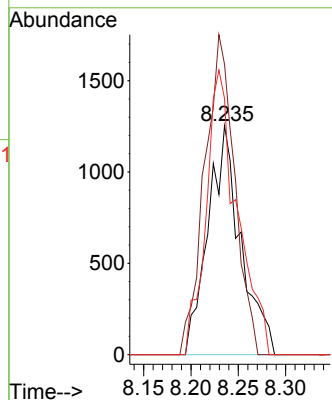
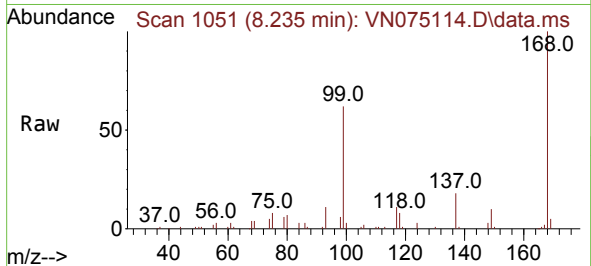




#31
Cyclohexane
Concen: 1.519 ug/l
RT: 8.235 min Scan# 1055
Delta R.T. -0.024 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

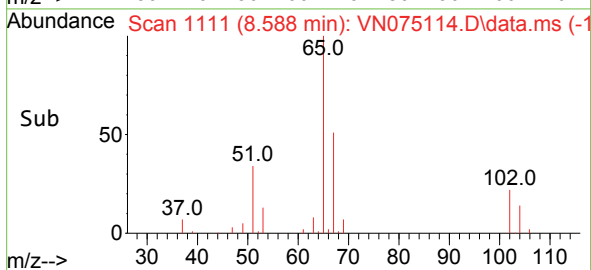
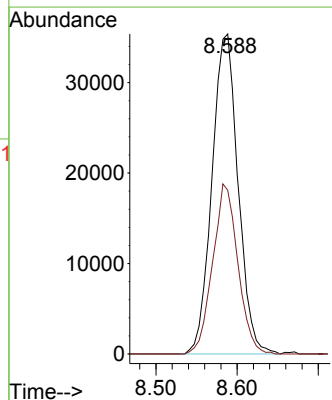
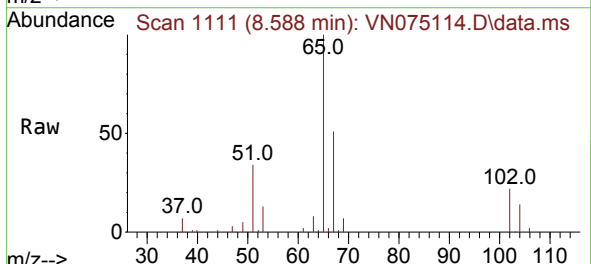
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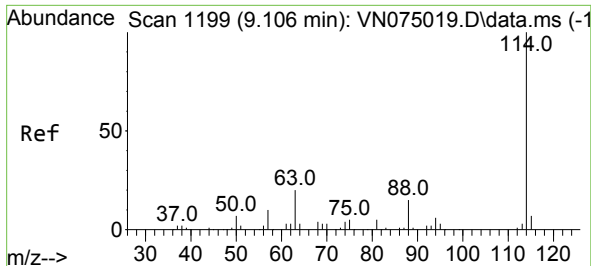
Tgt Ion: 56 Resp: 2994
Ion Ratio Lower Upper
56 100
69 126.9 25.2 37.8#
84 111.9 77.8 116.8



#33
1,2-Dichloroethane-d4
Concen: 59.701 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

Tgt Ion: 65 Resp: 79135
Ion Ratio Lower Upper
65 100
67 51.2 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: VN075114.D

Acq: 02 Nov 2022 14:03

Instrument :

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ClientSampleId :

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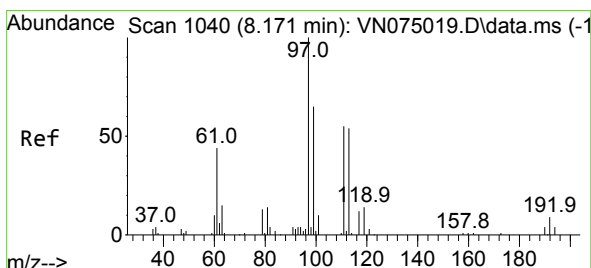
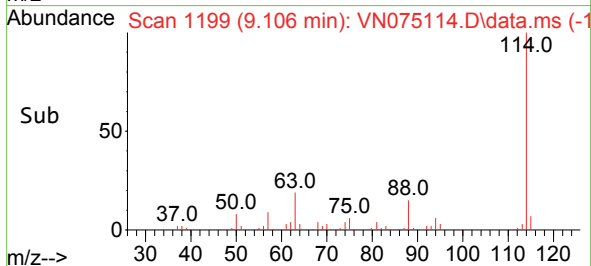
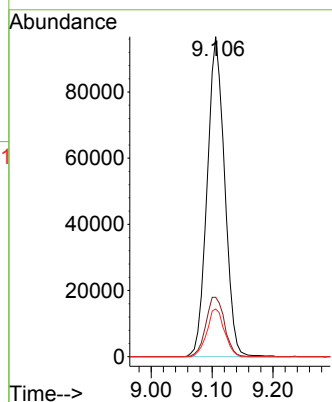
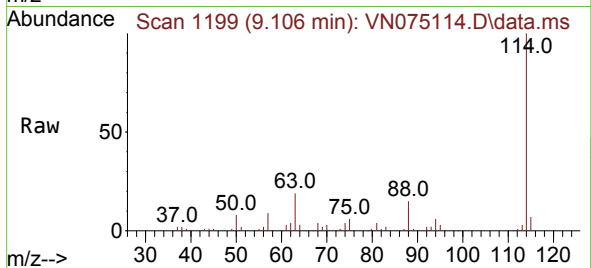
Tgt Ion:114 Resp: 192365

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.315 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075114.D

Acq: 02 Nov 2022 14:03

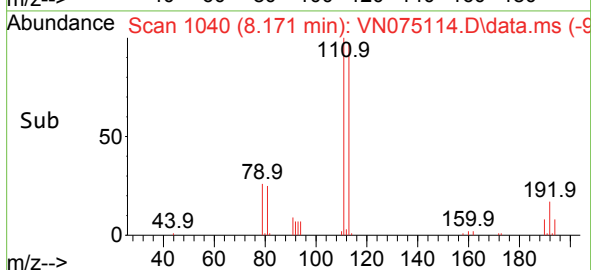
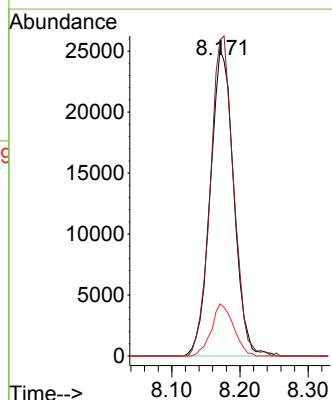
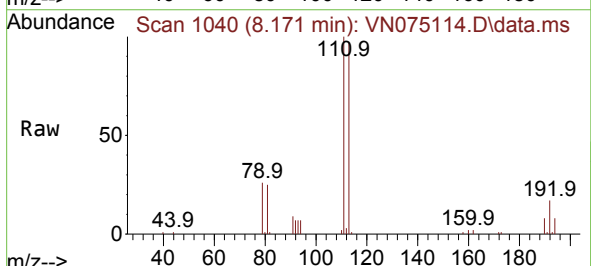
Tgt Ion:113 Resp: 60207

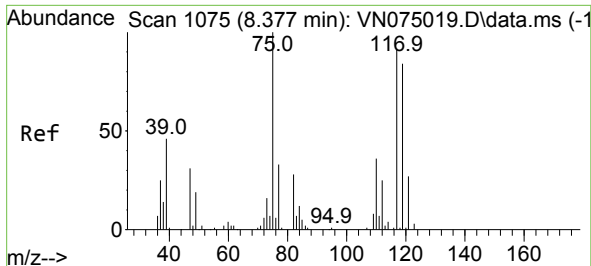
Ion Ratio Lower Upper

113 100

111 103.1 80.5 120.7

192 16.1 13.2 19.8





#36

1,1-Dichloropropene

Concen: 5.124 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.148 min

Lab File: VN075114.D

Acq: 02 Nov 2022 14:03

Instrument :

MSVOA_N

ClientSampleId :

TP-E

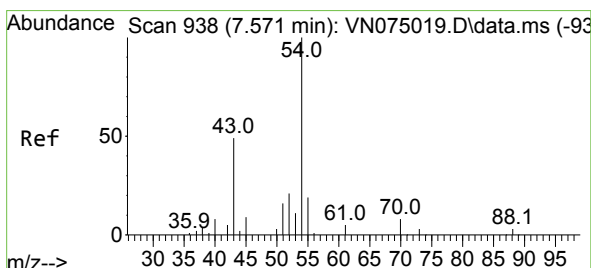
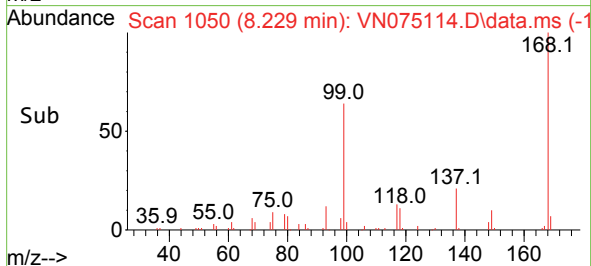
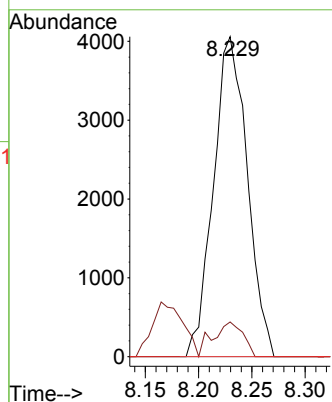
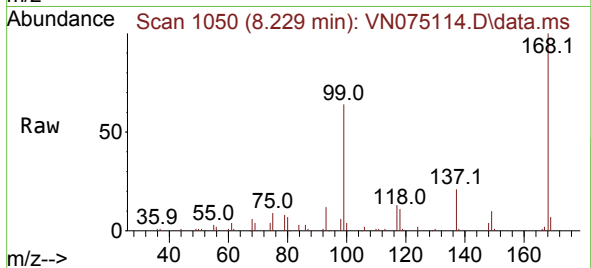
Tgt Ion: 75 Resp: 8958

Ion Ratio Lower Upper

75 100

110 9.6 17.8 53.3#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 7.956 ug/l

RT: 7.571 min Scan# 938

Delta R.T. -0.000 min

Lab File: VN075114.D

Acq: 02 Nov 2022 14:03

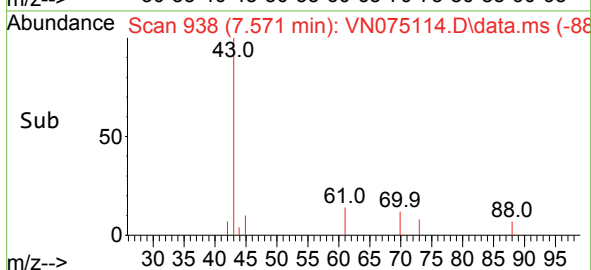
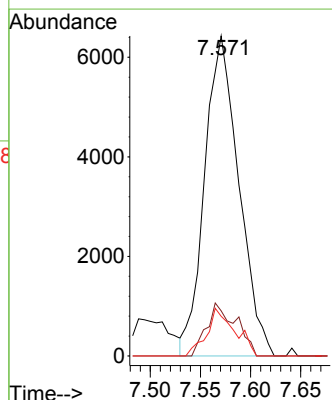
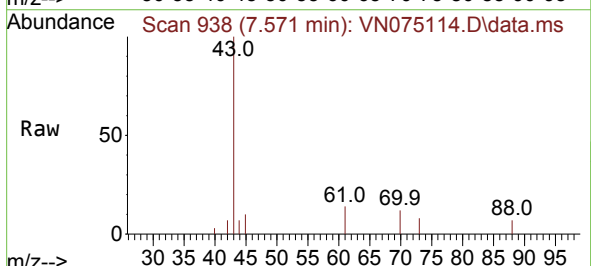
Tgt Ion: 43 Resp: 15255

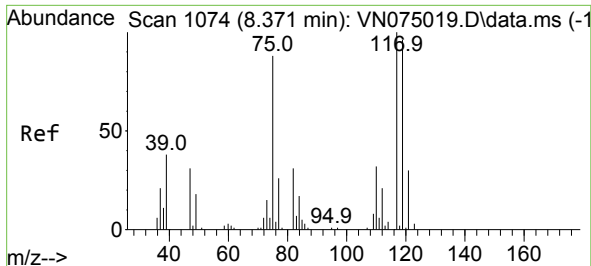
Ion Ratio Lower Upper

43 100

61 14.3 12.2 18.4

70 12.2 9.4 14.2

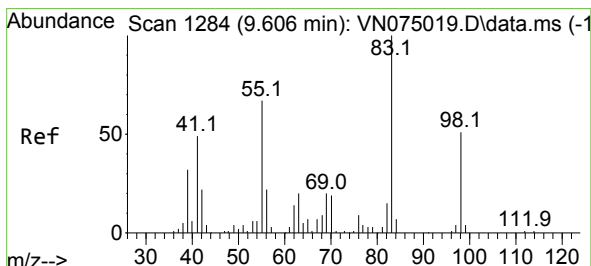
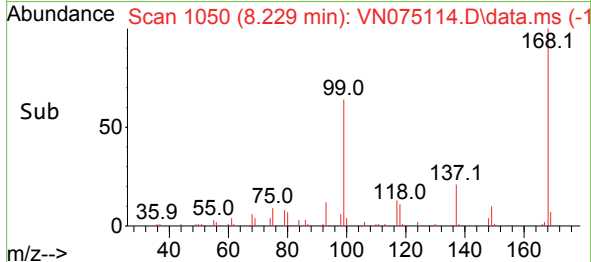
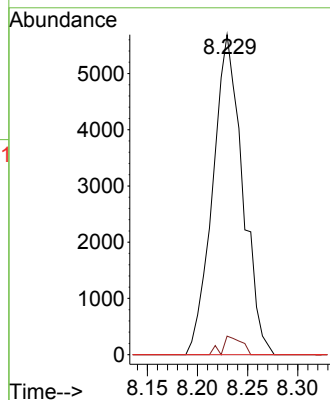
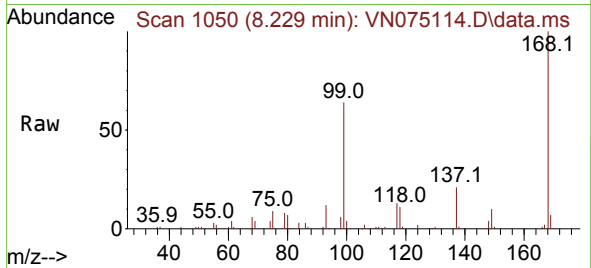




#38
Carbon Tetrachloride
Concen: 6.124 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.142 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

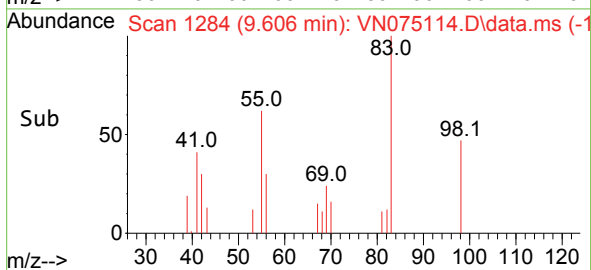
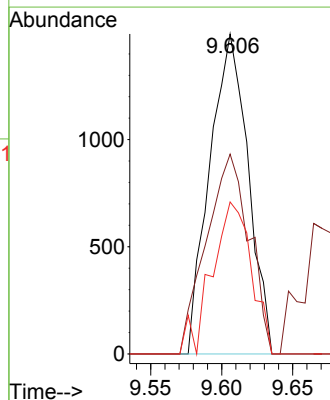
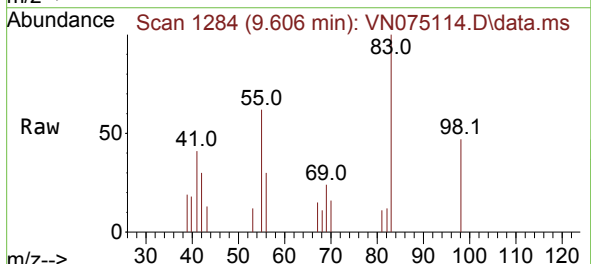
Instrument :
MSVOA_N
ClientSampleId :
TP-E

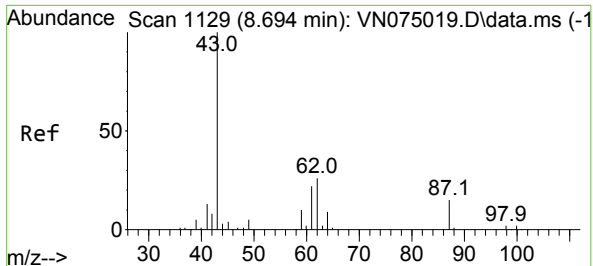
Tgt Ion:117 Resp: 11778
Ion Ratio Lower Upper
117 100
119 5.8 76.7 115.1#
121 0.0 23.9 35.9#



#39
Methylcyclohexane
Concen: 1.216 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

Tgt Ion: 83 Resp: 2807
Ion Ratio Lower Upper
83 100
55 62.4 53.6 80.4
98 47.5 41.1 61.7

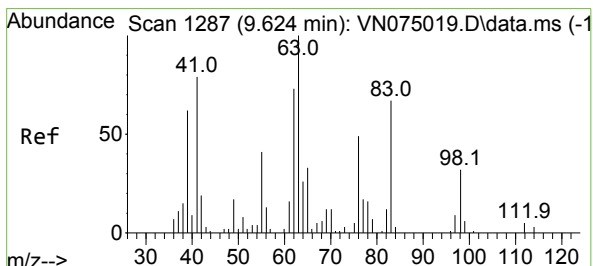
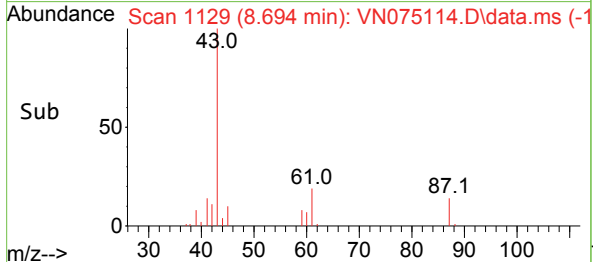
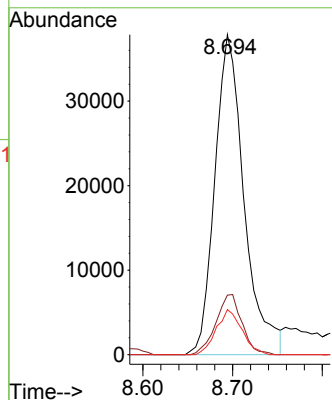
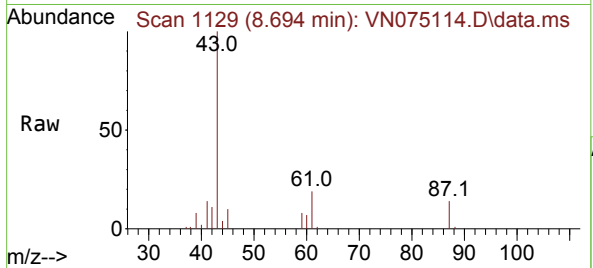




#43
Isopropyl Acetate
Concen: 28.834 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

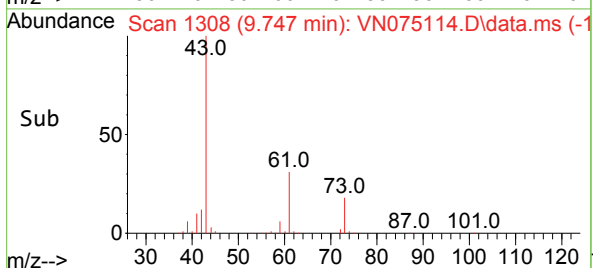
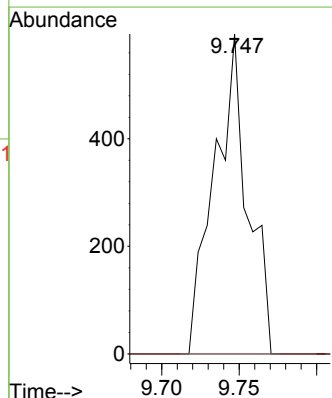
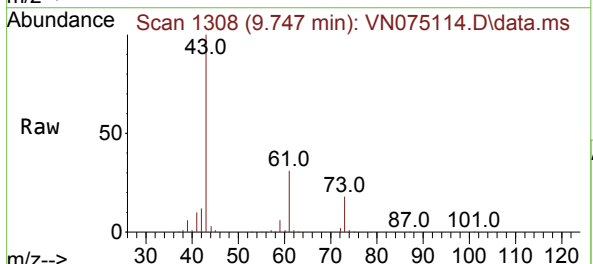
Instrument :
MSVOA_N
ClientSampleId :
TP-E

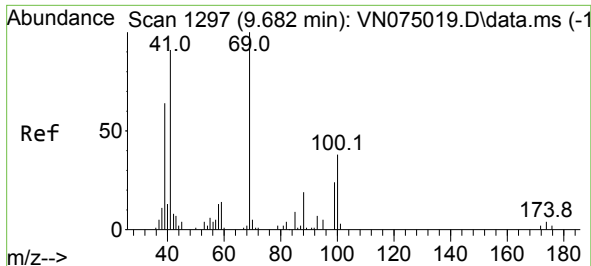
Tgt Ion: 43 Resp: 85755
Ion Ratio Lower Upper
43 100
61 16.7 22.4 33.6#
87 12.4 12.5 18.7#



#45
1,2-Dichloropropane
Concen: 0.699 ug/l
RT: 9.747 min Scan# 1308
Delta R.T. 0.123 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

Tgt Ion: 63 Resp: 890
Ion Ratio Lower Upper
63 100
65 0.0 26.1 39.1#

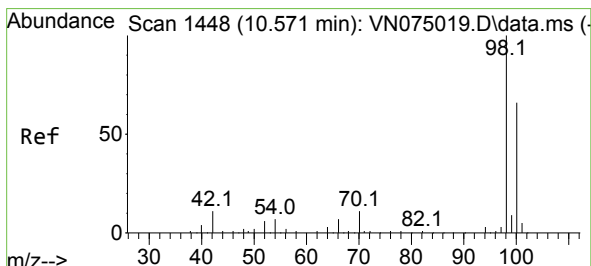
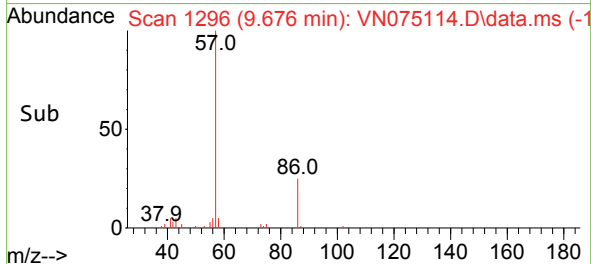
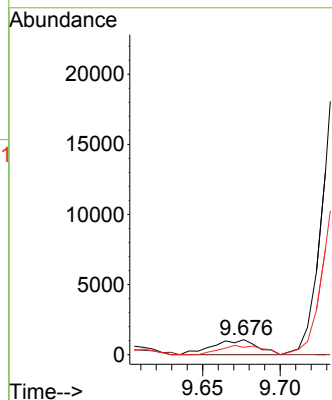
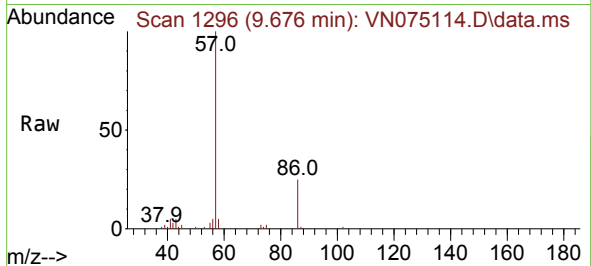




#48
Methyl methacrylate
Concen: 1.560 ug/l
RT: 9.676 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

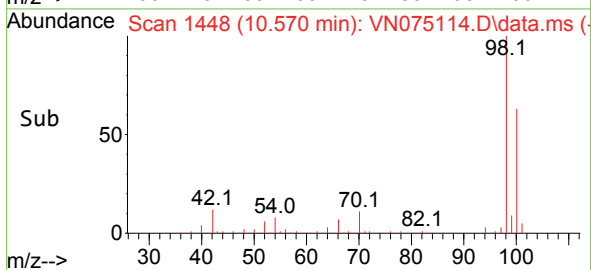
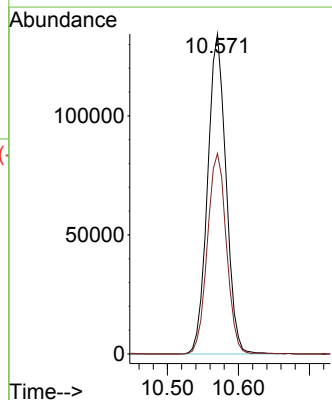
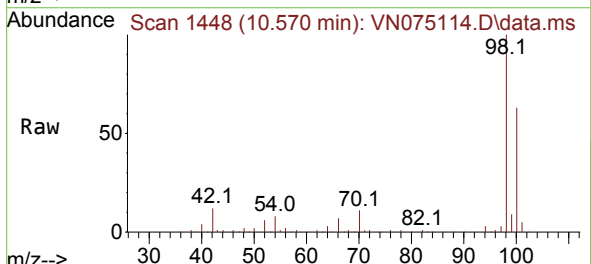
Instrument :
MSVOA_N
ClientSampleId :
TP-E

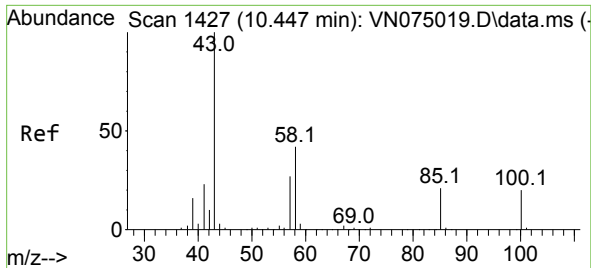
Tgt Ion: 41 Resp: 2128
Ion Ratio Lower Upper
41 100
69 0.0 80.2 120.2#
39 58.5 56.2 84.2



#50
Toluene-d8
Concen: 55.353 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

Tgt Ion: 98 Resp: 242516
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 1.457 ug/l

RT: 10.453 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VN075114.D

Acq: 02 Nov 2022 14:03

Instrument :

MSVOA_N

ClientSampleId :

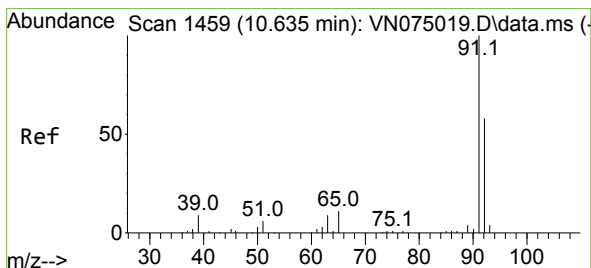
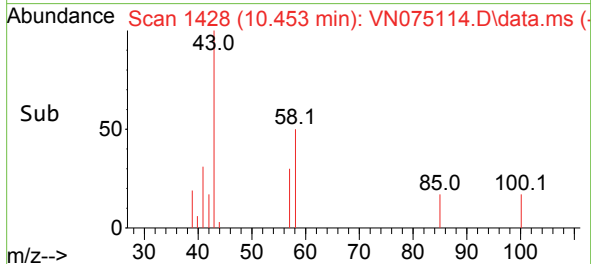
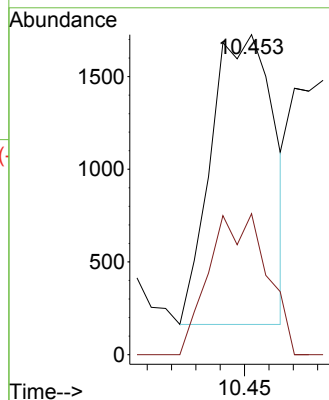
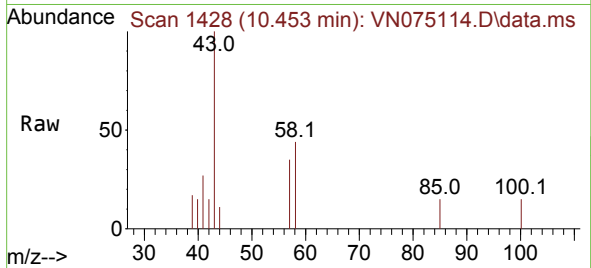
TP-E

Tgt Ion: 43 Resp: 2796

Ion Ratio Lower Upper

43 100

58 44.7 33.6 50.4



#52

Toluene

Concen: 0.406 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VN075114.D

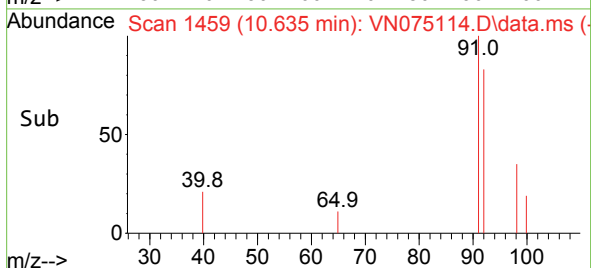
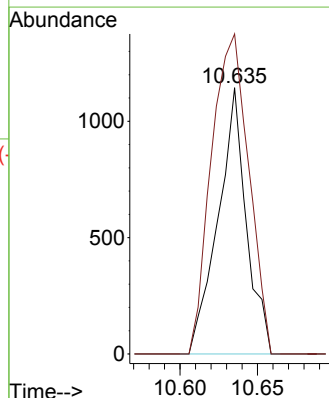
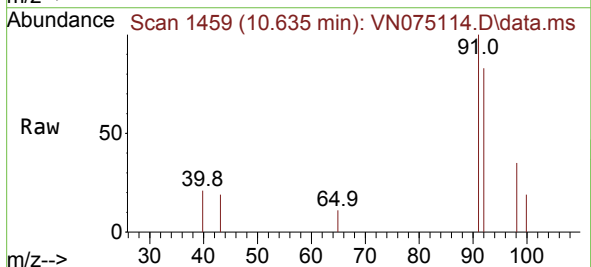
Acq: 02 Nov 2022 14:03

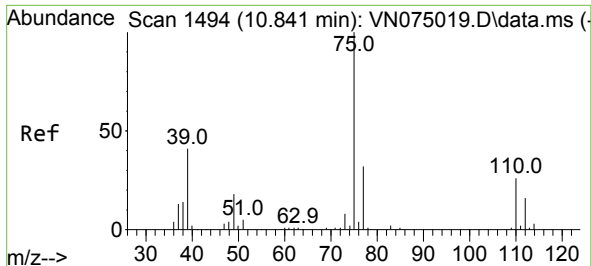
Tgt Ion: 92 Resp: 1453

Ion Ratio Lower Upper

92 100

91 158.6 135.4 203.2

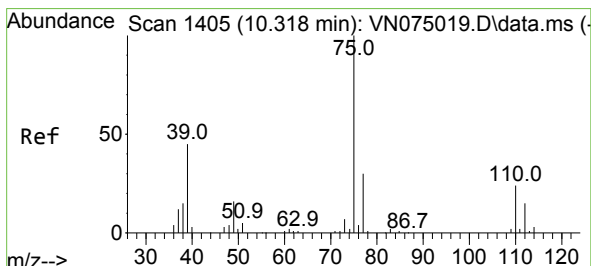
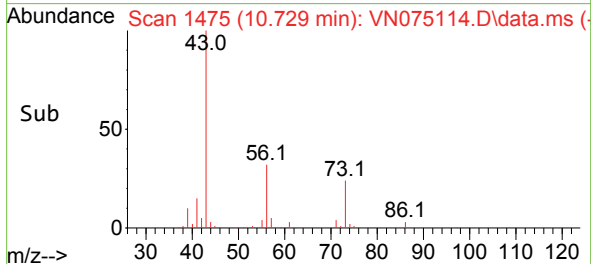
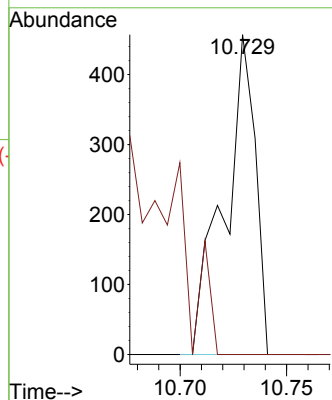
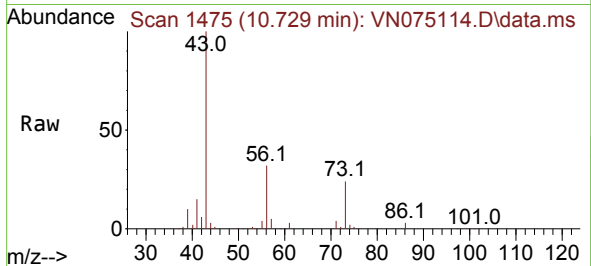




#53
 t-1,3-Dichloropropene
 Concen: 0.229 ug/l
 RT: 10.729 min Scan# 1412
 Delta R.T. -0.112 min
 Lab File: VN075114.D
 Acq: 02 Nov 2022 14:03

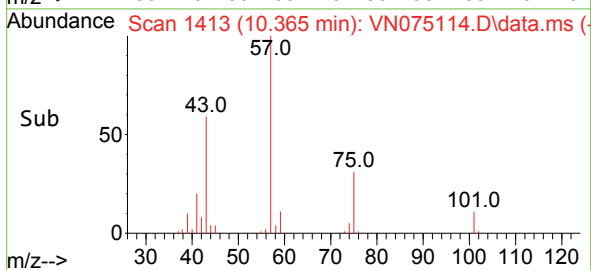
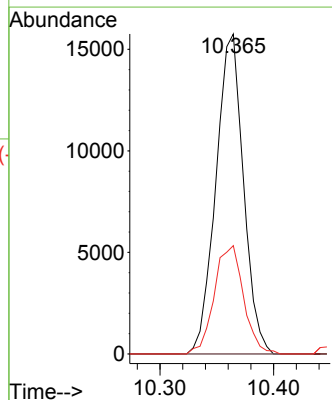
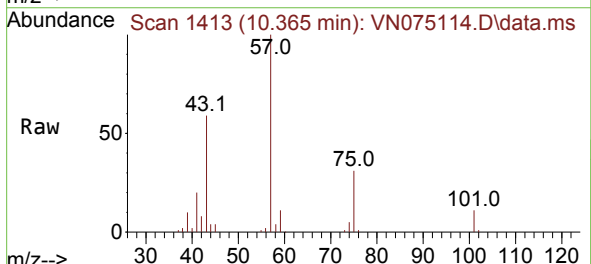
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-E

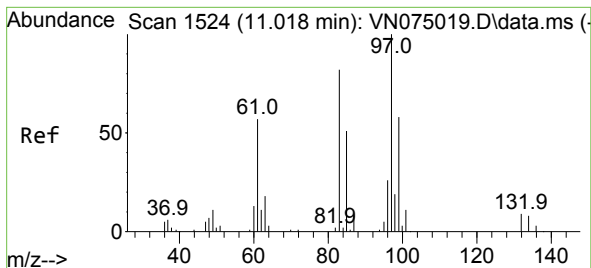
Tgt Ion: 75 Resp: 464
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.2#



#54
 cis-1,3-Dichloropropene
 Concen: 12.342 ug/l
 RT: 10.365 min Scan# 1413
 Delta R.T. 0.047 min
 Lab File: VN075114.D
 Acq: 02 Nov 2022 14:03

Tgt Ion: 75 Resp: 26556
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.7 35.5#
 39 33.8 35.8 53.6#





#55

1,1,2-Trichloroethane

Concen: 0.203 ug/l

RT: 11.012 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN075114.D

Acq: 02 Nov 2022 14:03

Instrument :

MSVOA_N

ClientSampleId :

TP-E

Tgt Ion: 97 Resp: 288

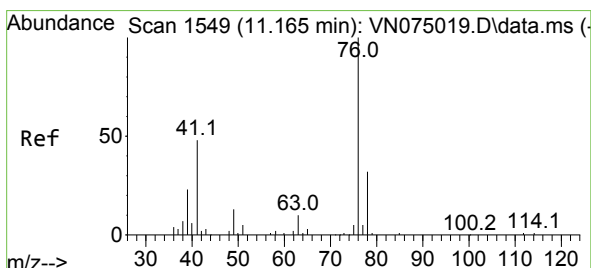
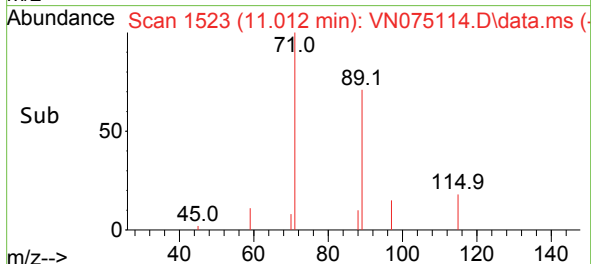
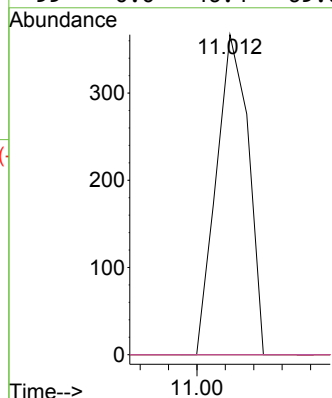
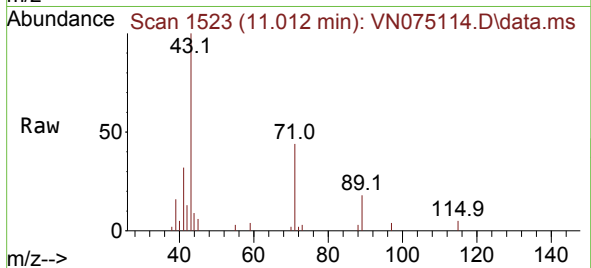
Ion Ratio Lower Upper

97 100

83 0.0 65.9 98.9#

85 0.0 40.4 60.6#

99 0.0 46.4 69.6#



#57

1,3-Dichloropropane

Concen: 1.499 ug/l

RT: 11.206 min Scan# 1556

Delta R.T. 0.041 min

Lab File: VN075114.D

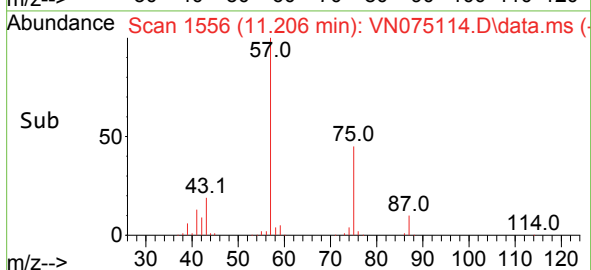
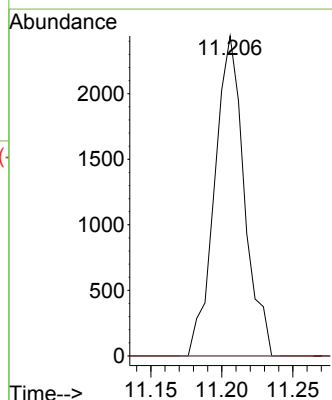
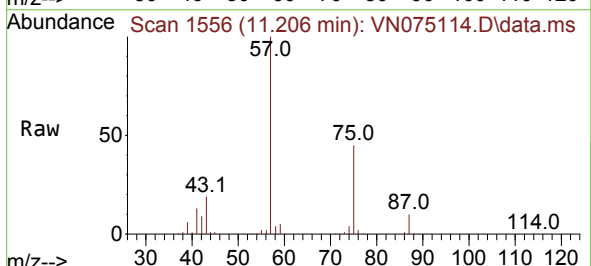
Acq: 02 Nov 2022 14:03

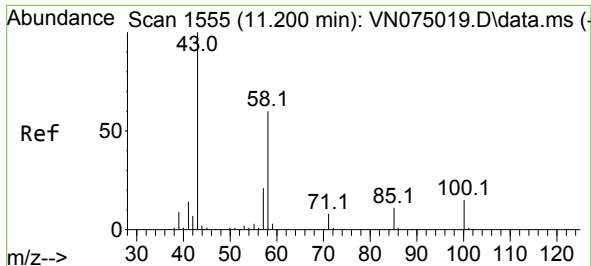
Tgt Ion: 76 Resp: 3543

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#

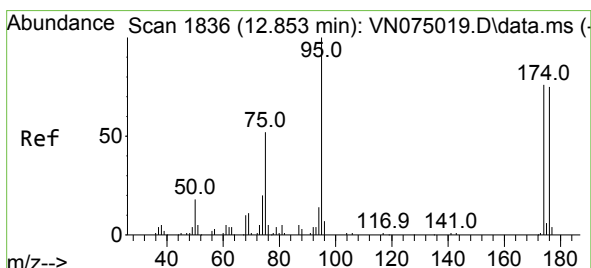
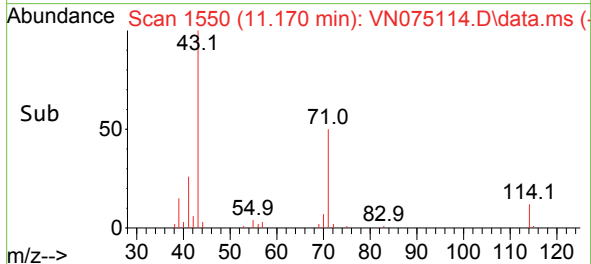
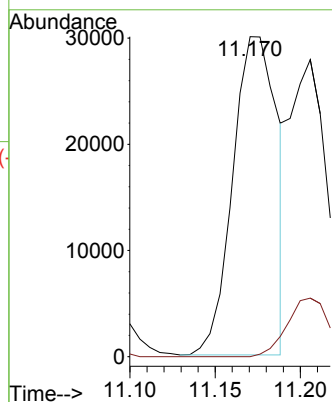
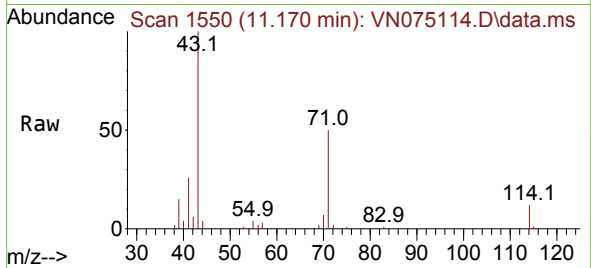




#59
2-Hexanone
Concen: 37.295 ug/l
RT: 11.170 min Scan# 11
Delta R.T. -0.030 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

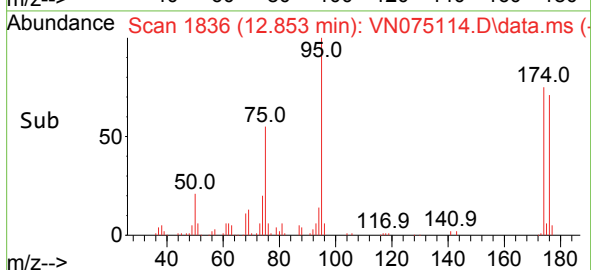
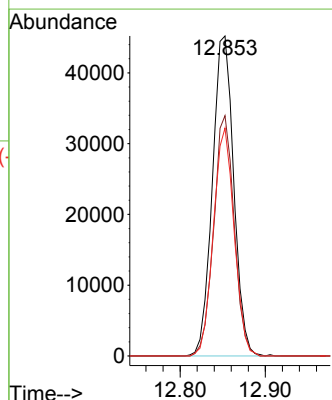
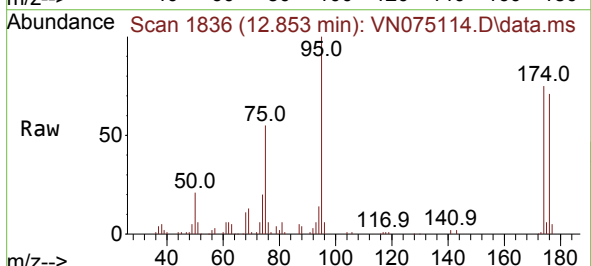
Instrument :
MSVOA_N
ClientSampleId :
TP-E

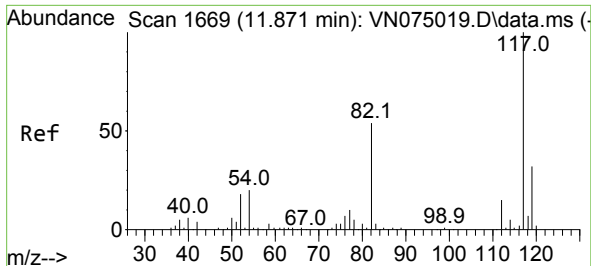
Tgt Ion: 43 Resp: 54323
Ion Ratio Lower Upper
43 100
58 0.0 29.6 88.8#



#62
4-Bromofluorobenzene
Concen: 50.989 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

Tgt Ion: 95 Resp: 78475
Ion Ratio Lower Upper
95 100
174 72.1 0.0 147.4
176 69.4 0.0 142.2

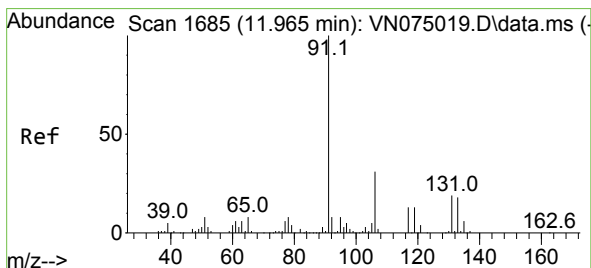
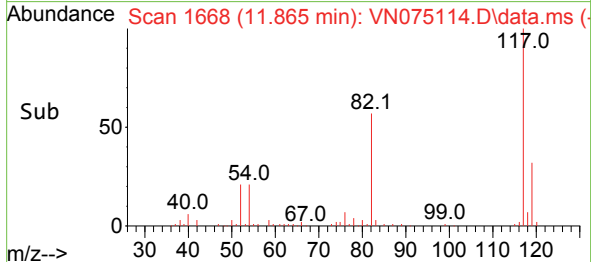
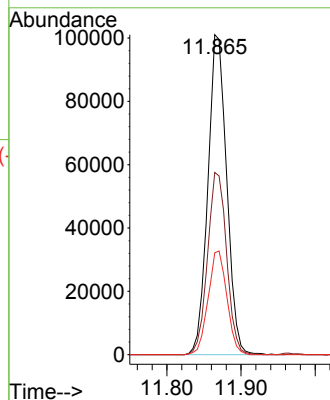
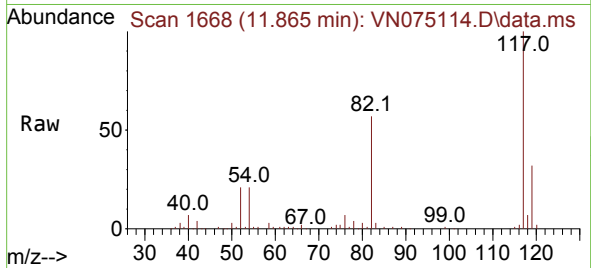




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

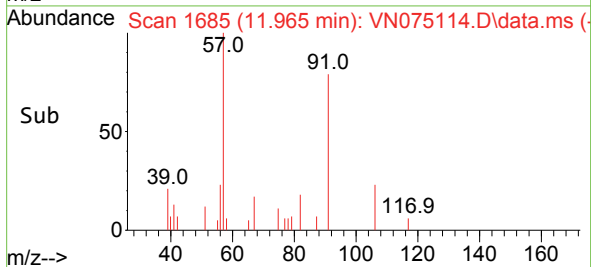
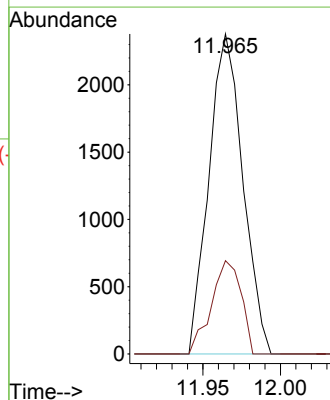
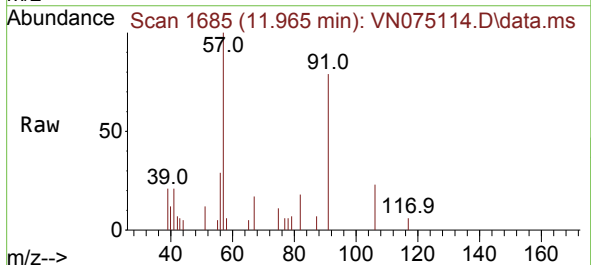
Instrument :
MSVOA_N
ClientSampleId :
TP-E

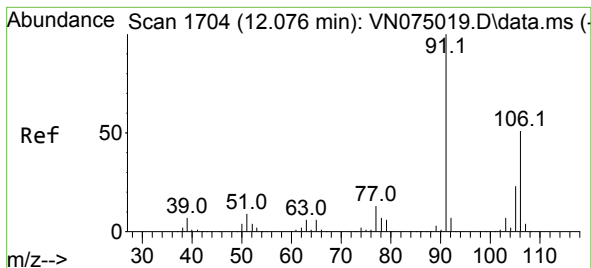
Tgt Ion:117 Resp: 178443
Ion Ratio Lower Upper
117 100
82 57.0 43.1 64.7
119 31.8 25.5 38.3



#67
Ethyl Benzene
Concen: 0.528 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

Tgt Ion: 91 Resp: 3619
Ion Ratio Lower Upper
91 100
106 29.2 24.9 37.3





#68

m/p-Xylenes

Concen: 3.824 ug/l

RT: 12.070 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VN075114.D

Acq: 02 Nov 2022 14:03

Instrument :

MSVOA_N

ClientSampleId :

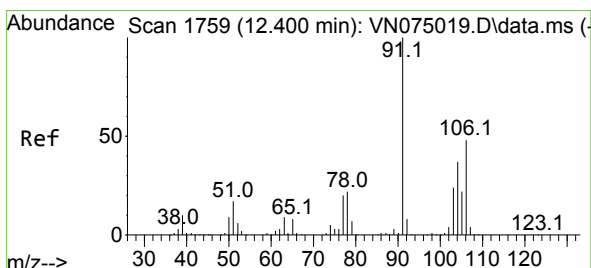
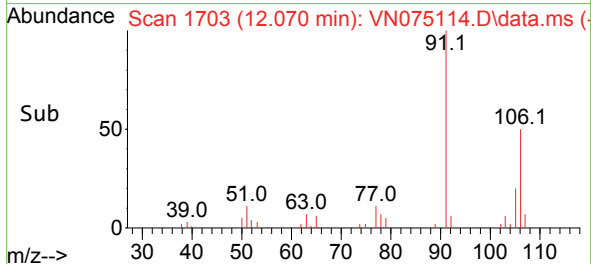
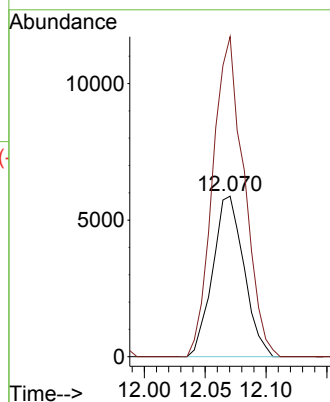
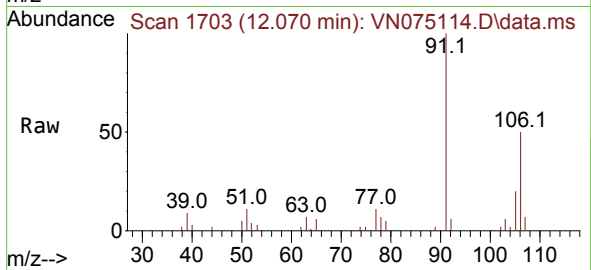
TP-E

Tgt Ion:106 Resp: 10516

Ion Ratio Lower Upper

106 100

91 199.7 156.0 234.0



#69

o-Xylene

Concen: 3.234 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. -0.000 min

Lab File: VN075114.D

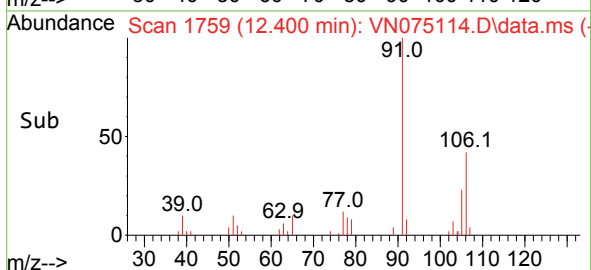
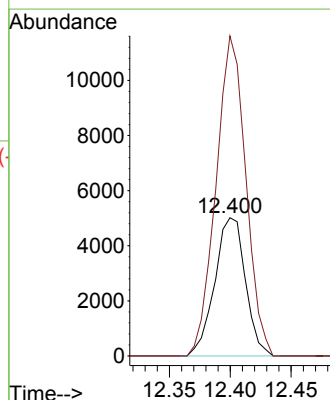
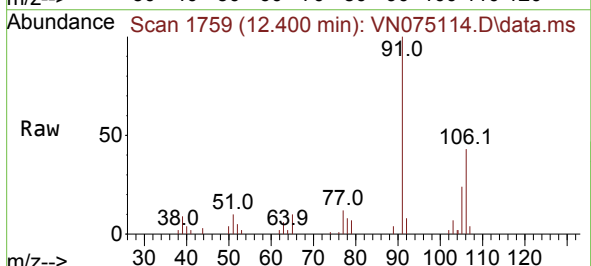
Acq: 02 Nov 2022 14:03

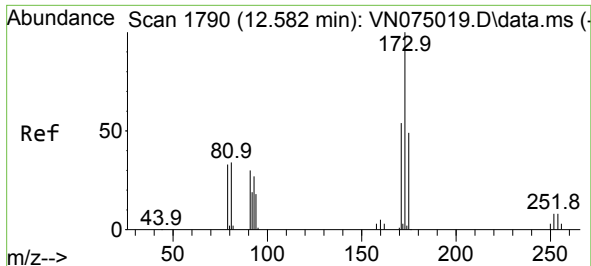
Tgt Ion:106 Resp: 8793

Ion Ratio Lower Upper

106 100

91 225.4 105.2 315.5

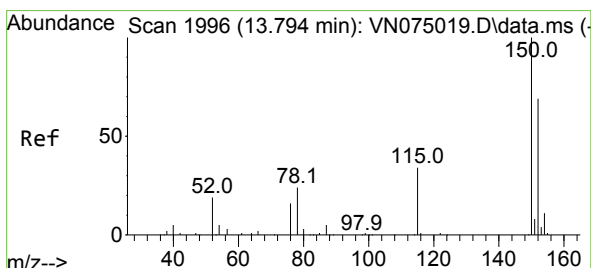
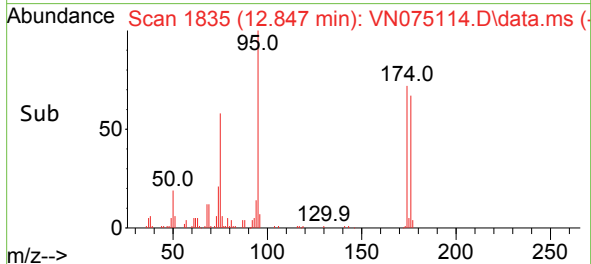
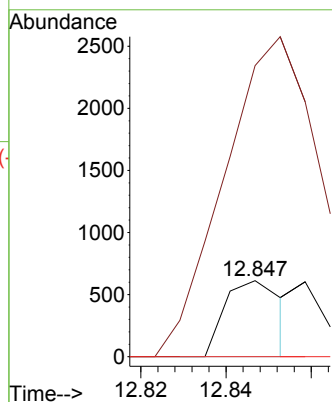
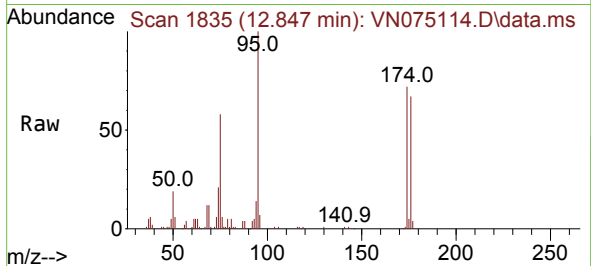




#71
Bromoform
Concen: 0.539 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

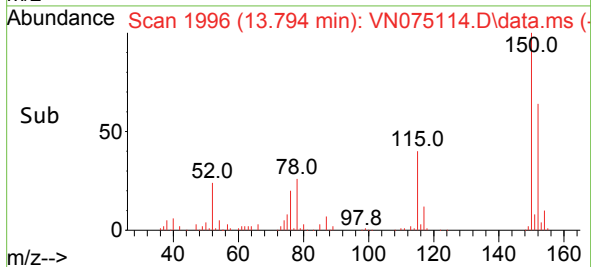
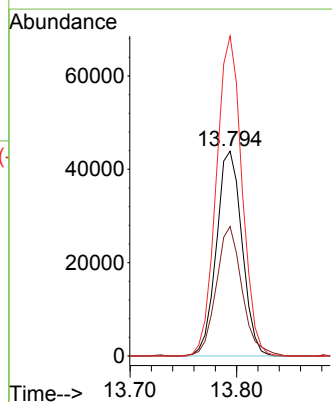
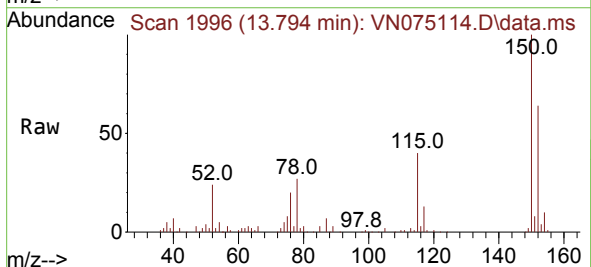
Instrument :
MSVOA_N
ClientSampleId :
TP-E

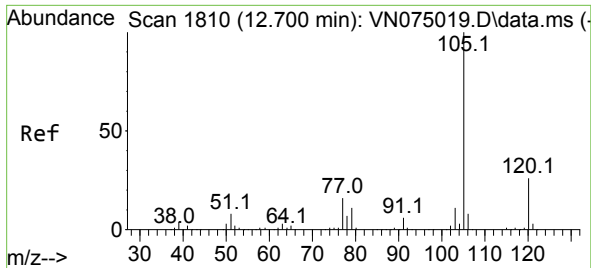
Tgt Ion:173 Resp: 570
Ion Ratio Lower Upper
173 100
175 607.5 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

Tgt Ion:152 Resp: 73137
Ion Ratio Lower Upper
152 100
115 64.1 30.2 90.6
150 156.7 0.0 348.4

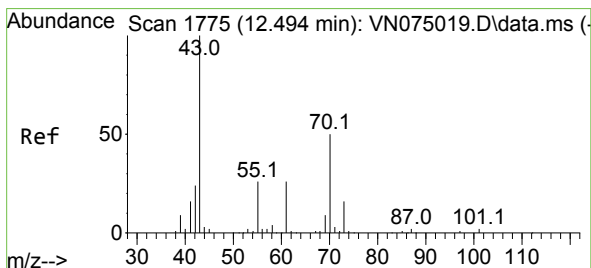
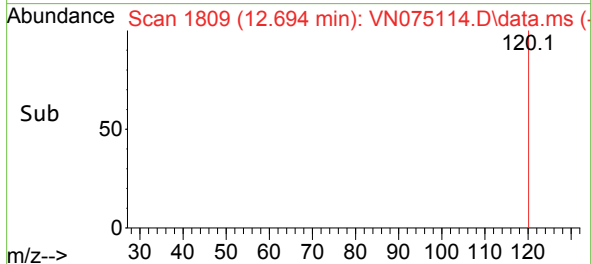
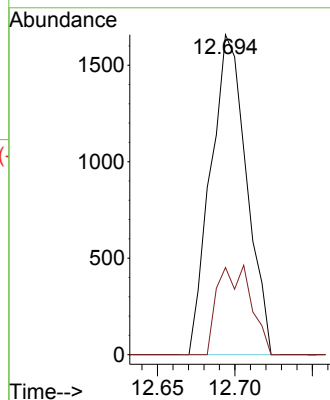
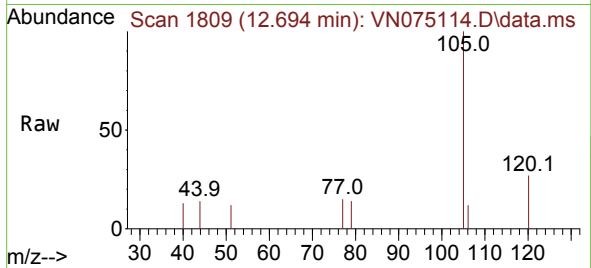




#73
Isopropylbenzene
Concen: 0.455 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

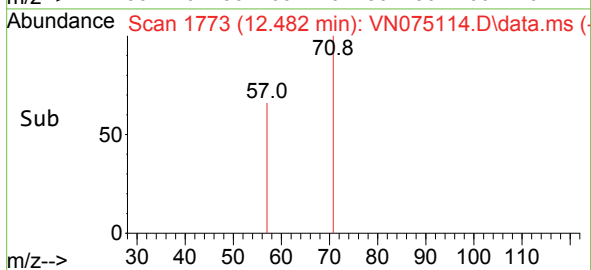
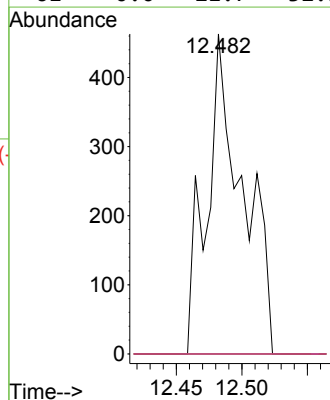
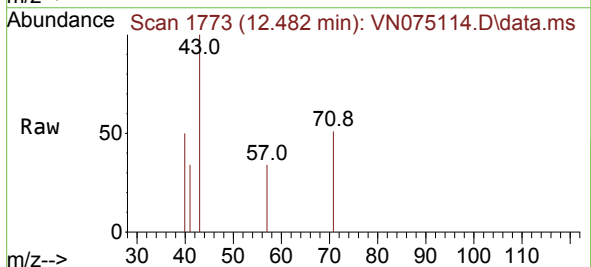
Instrument :
MSVOA_N
ClientSampleId :
TP-E

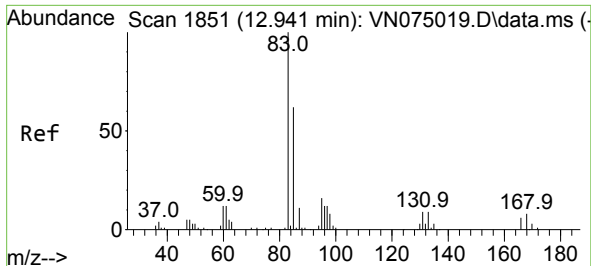
Tgt Ion:105 Resp: 2670
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1



#74
N-ethyl acetate
Concen: 0.409 ug/l
RT: 12.482 min Scan# 1773
Delta R.T. -0.012 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

Tgt Ion: 43 Resp: 888
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#

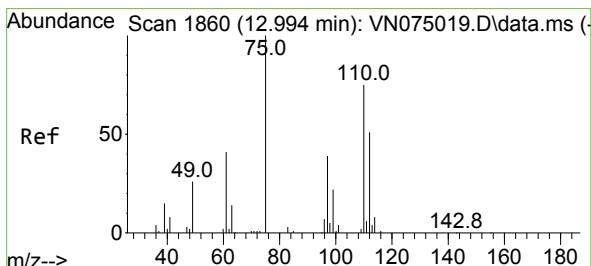
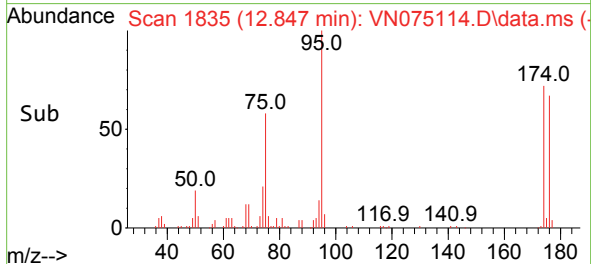
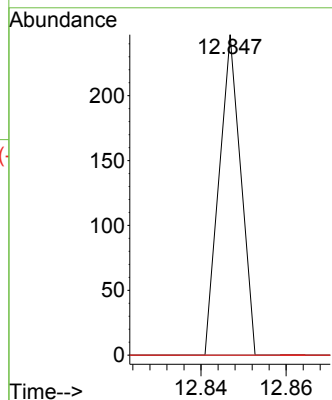
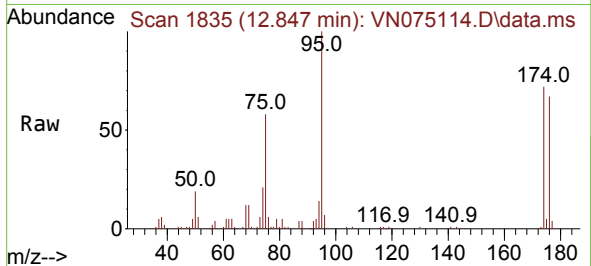




#75
1,1,2-Tetrachloroethane
Concen: Below Cal
RT: 12.847 min Scan# 1835
Delta R.T. -0.094 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

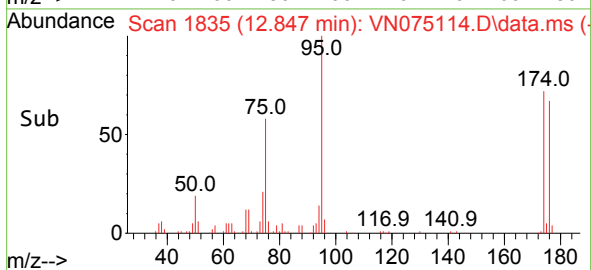
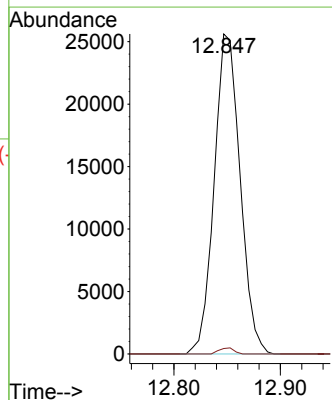
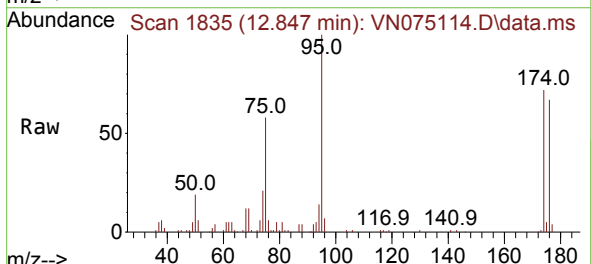
Instrument :
MSVOA_N
ClientSampleId :
TP-E

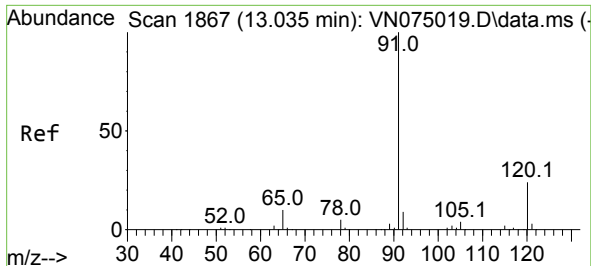
Tgt Ion: 83 Resp: 87
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 0.0 31.6 94.7#



#76
1,2,3-Trichloropropane
Concen: 27.887 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

Tgt Ion: 75 Resp: 43305
Ion Ratio Lower Upper
75 100
77 1.1 75.6 226.8#

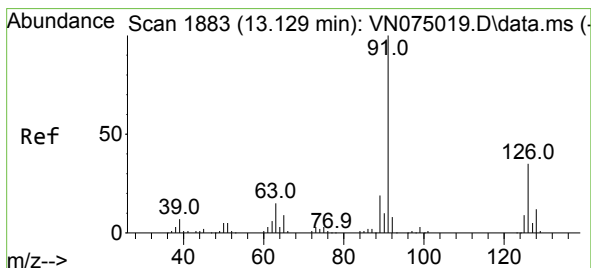
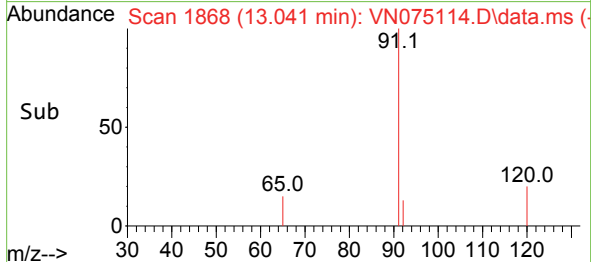
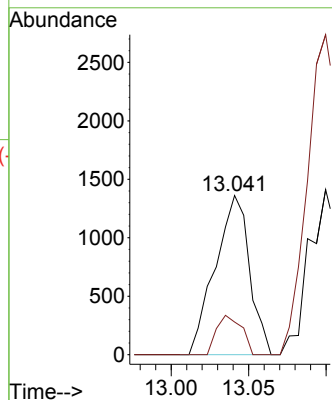
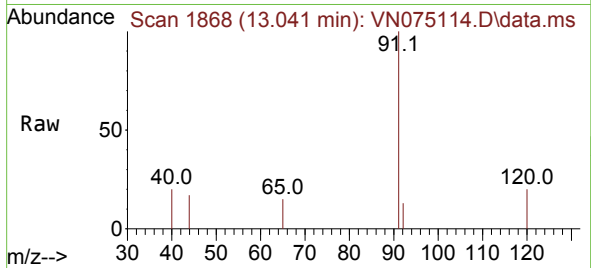




#78
n-propylbenzene
Concen: 0.318 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

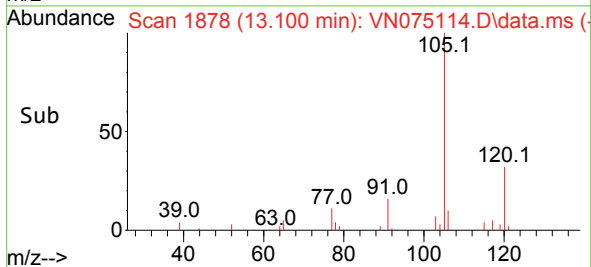
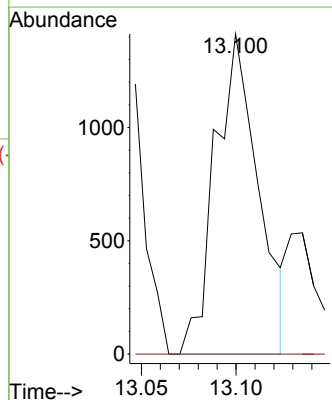
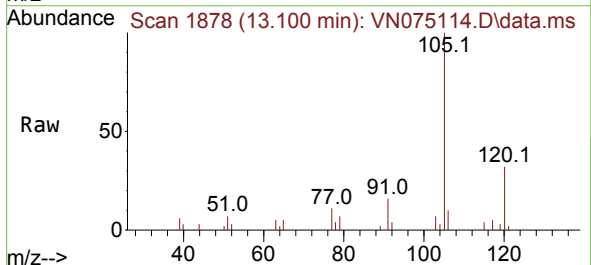
Instrument :
MSVOA_N
ClientSampleId :
TP-E

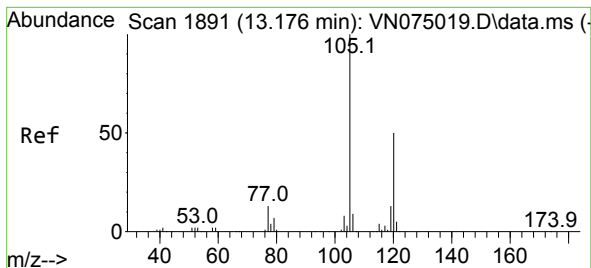
Tgt Ion: 91 Resp: 2097
Ion Ratio Lower Upper
91 100
120 17.9 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.556 ug/l
RT: 13.100 min Scan# 1878
Delta R.T. -0.029 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

Tgt Ion: 91 Resp: 2240
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.7#





#80

1,3,5-Trimethylbenzene

Concen: 4.199 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075114.D

Acq: 02 Nov 2022 14:03

Instrument :

MSVOA_N

ClientSampleId :

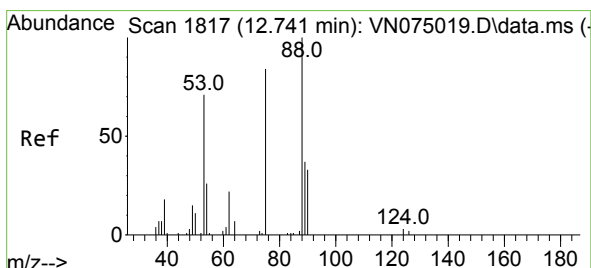
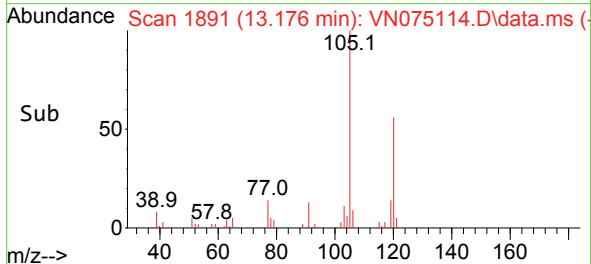
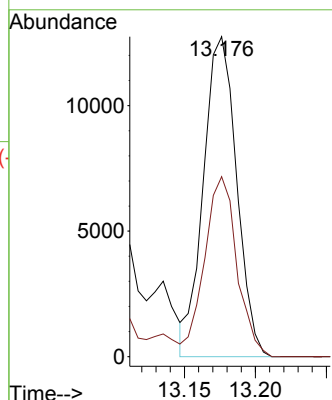
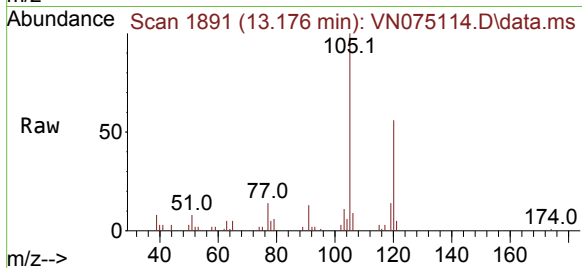
TP-E

Tgt Ion:105 Resp: 20707

Ion Ratio Lower Upper

105 100

120 55.0 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 71.585 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.106 min

Lab File: VN075114.D

Acq: 02 Nov 2022 14:03

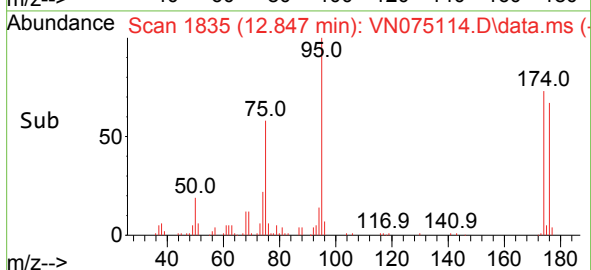
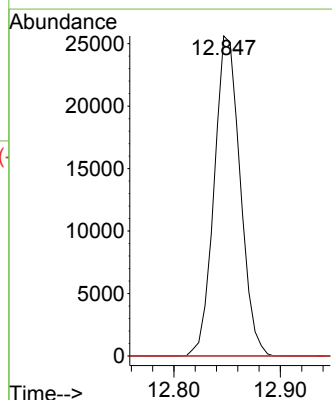
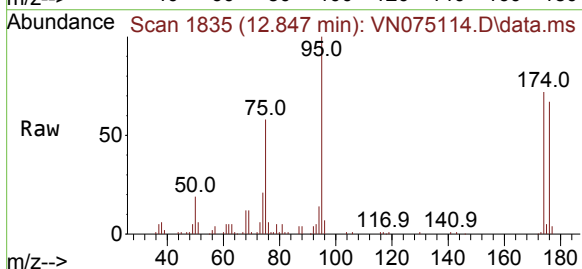
Tgt Ion: 75 Resp: 43305

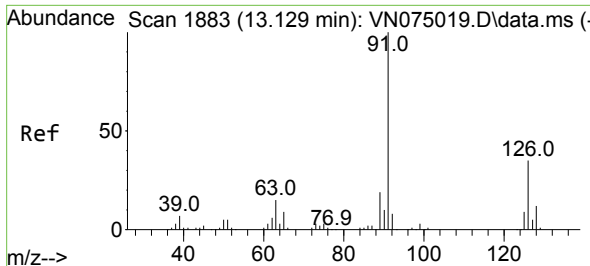
Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.7 56.5#

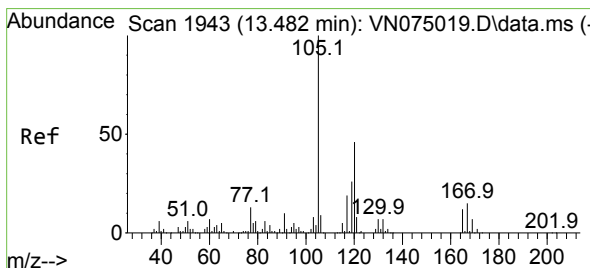
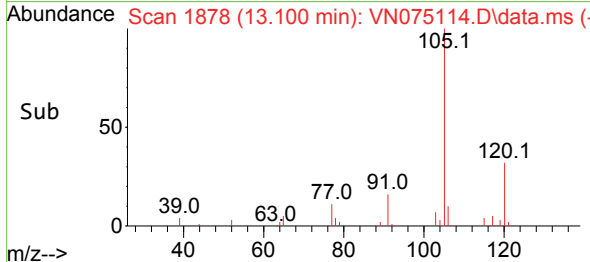
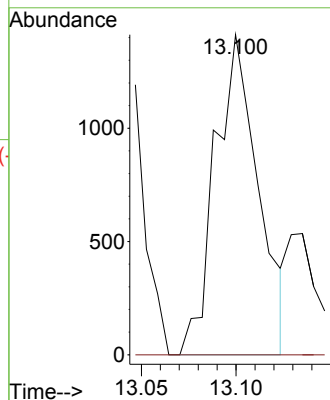
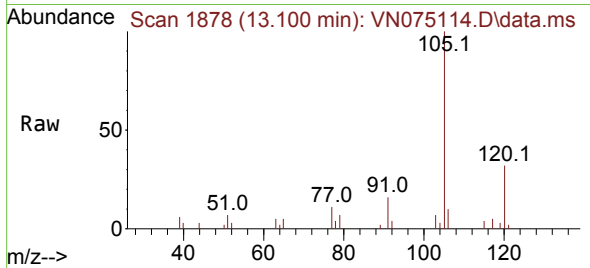




#82
4-Chlorotoluene
Concen: 0.556 ug/l
RT: 13.100 min Scan# 1883
Delta R.T. -0.029 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

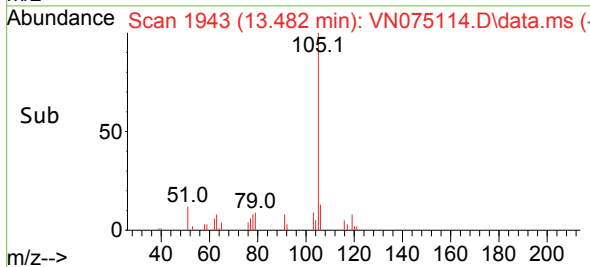
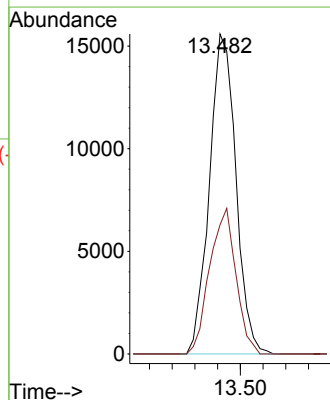
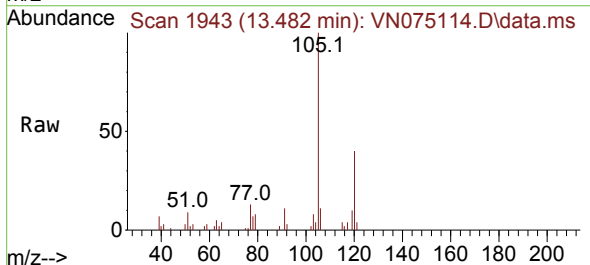
Instrument :
MSVOA_N
ClientSampleId :
TP-E

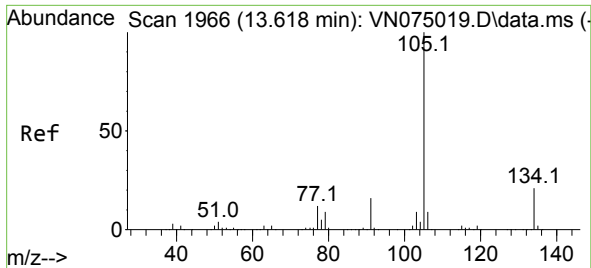
Tgt Ion: 91 Resp: 2240
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.7#



#84
1,2,4-Trimethylbenzene
Concen: 5.054 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

Tgt Ion: 105 Resp: 25218
Ion Ratio Lower Upper
105 100
120 45.1 22.7 68.1

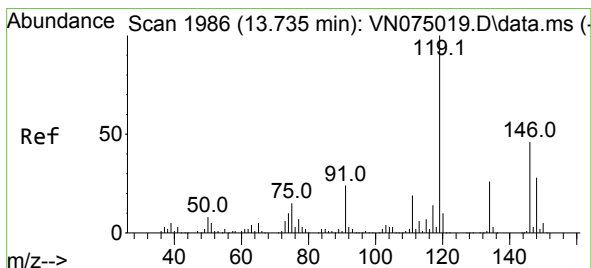
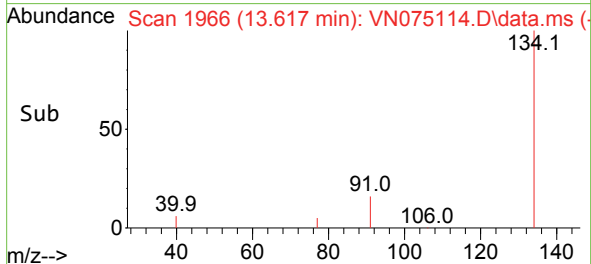
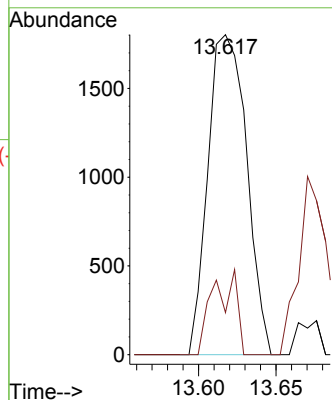
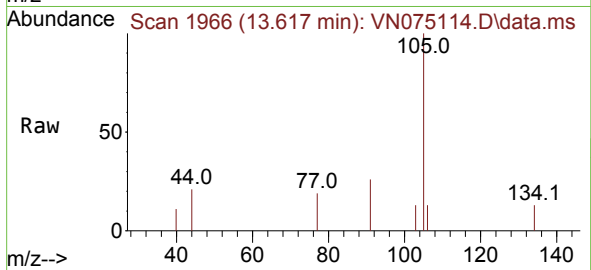




#85
 sec-Butylbenzene
 Concen: 0.511 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075114.D
 Acq: 02 Nov 2022 14:03

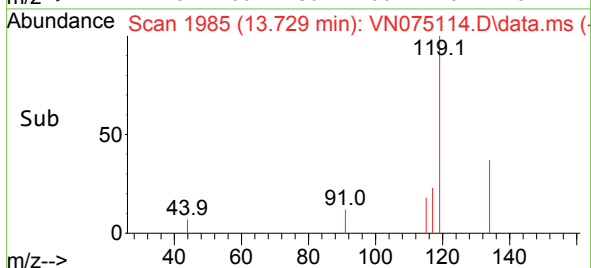
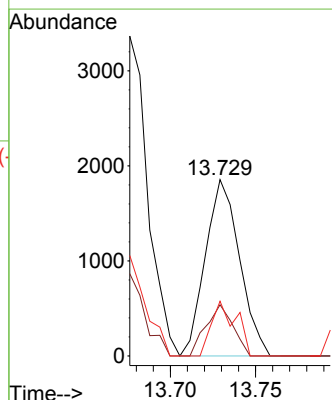
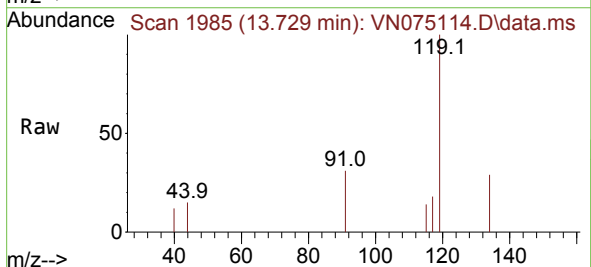
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-E

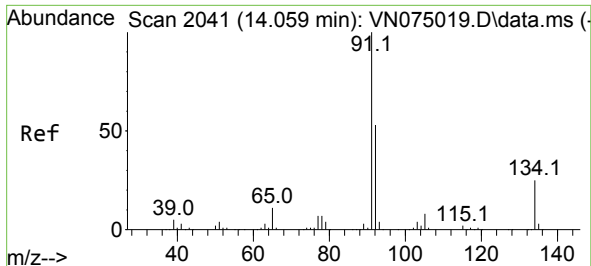
Tgt Ion:105 Resp: 3131
 Ion Ratio Lower Upper
 105 100
 134 16.2 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 0.512 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075114.D
 Acq: 02 Nov 2022 14:03

Tgt Ion:119 Resp: 2591
 Ion Ratio Lower Upper
 119 100
 134 23.1 13.1 39.3
 91 22.4 11.9 35.5





#89

n-Butylbenzene

Concen: 0.352 ug/l

RT: 14.017 min Scan# 2041

Delta R.T. -0.042 min

Lab File: VN075114.D

Acq: 02 Nov 2022 14:03

Instrument :

MSVOA_N

ClientSampleId :

TP-E

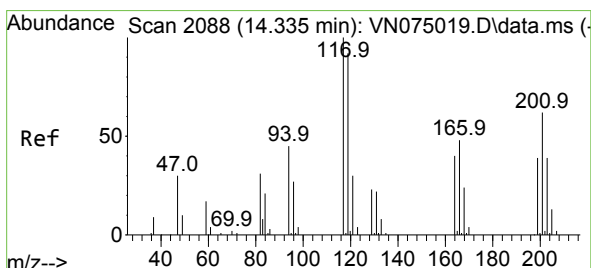
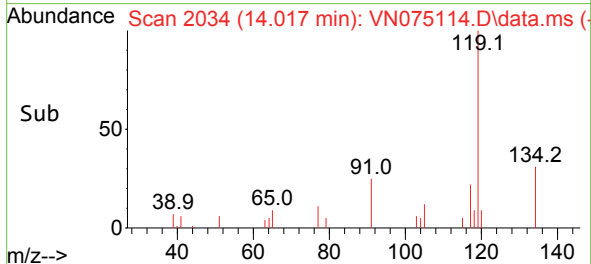
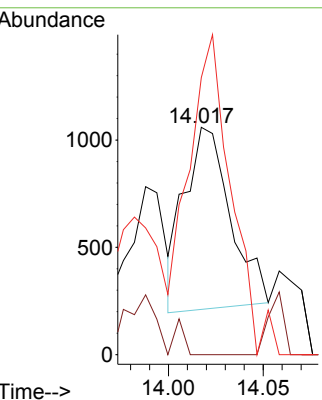
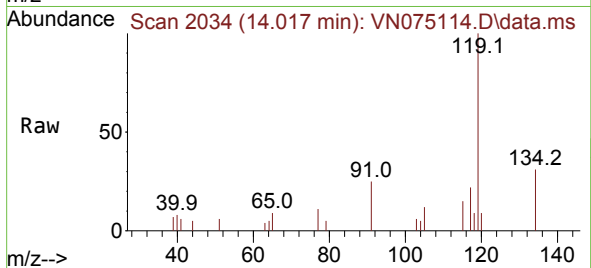
Tgt Ion: 91 Resp: 1436

Ion Ratio Lower Upper

91 100

92 0.0 26.5 79.4#

134 163.9 13.0 39.0#



#90

Hexachloroethane

Concen: 0.277 ug/l

RT: 14.329 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VN075114.D

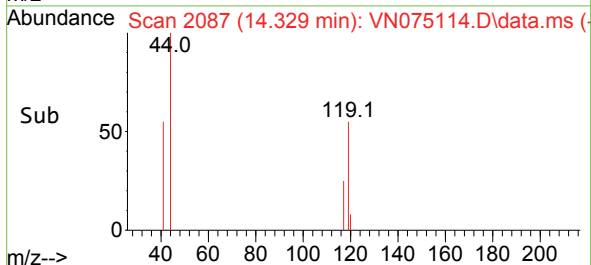
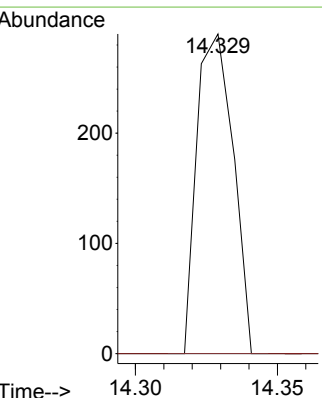
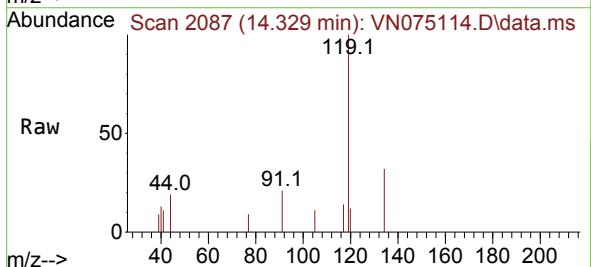
Acq: 02 Nov 2022 14:03

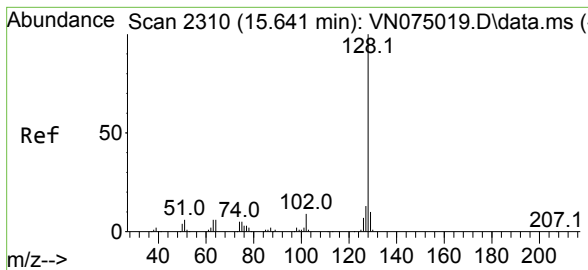
Tgt Ion: 117 Resp: 257

Ion Ratio Lower Upper

117 100

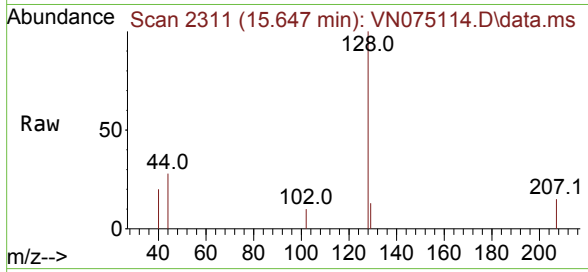
201 0.0 31.5 94.5#





#95
Naphthalene
Concen: 0.663 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN075114.D
Acq: 02 Nov 2022 14:03

Instrument :
MSVOA_N
ClientSampleId :
TP-E



Tgt Ion:	128	Resp:	2759
Ion	Ratio	Lower	Upper
128	100		
127	8.3	10.4	15.6#
129	5.0	8.6	12.8#

