

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
 Data File : VN084956.D
 Acq On : 19 Nov 2024 18:52
 Operator : JC\MD
 Sample : P4844-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 241113075-01-VOA

Quant Time: Nov 20 00:34:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	177667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	282445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	127482	49.679	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.360%		
35) Dibromofluoromethane	8.159	113	100491	48.031	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.060%		
50) Toluene-d8	10.565	98	367131	47.636	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.280%		
62) 4-Bromofluorobenzene	12.847	95	146986	51.031	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.060%		
Target Compounds					Qvalue	
3) Chloromethane	2.353	50	539	Below Cal		89
4) Vinyl Chloride	2.512	62	531	0.242 ug/l #		67
6) Chloroethane	2.936	64	203	Below Cal #		45
8) Diethyl Ether	3.953	74	4522	3.542 ug/l		80
11) Tert butyl alcohol	5.553	59	3490593	10305.253 ug/l		99
14) Allyl chloride	4.959	41	26063	7.943 ug/l #		35
15) Acrylonitrile	5.553	53	29631	30.218 ug/l #		21
16) Acetone	4.430	43	14563	16.988 ug/l		98
17) Carbon Disulfide	4.689	76	6153	0.988 ug/l #		95
18) Methyl Acetate	5.018	43	4541	Below Cal #		82
19) Methyl tert-butyl Ether	5.789	73	12862	2.074 ug/l		94
25) 2-Butanone	7.453	43	93583	78.170 ug/l #		72
26) 2,2-Dichloropropane	7.453	77	137125	40.249 ug/l #		54
27) cis-1,2-Dichloroethene	7.483	96	3408	1.405 ug/l #		16
28) Bromochloromethane	7.835	49	1459	0.936 ug/l #		15
29) Tetrahydrofuran	7.835	42	841082	1058.999 ug/l		95
31) Cyclohexane	8.218	56	4206	1.187 ug/l #		6
36) 1,1-Dichloropropene	8.394	75	1109	0.382 ug/l #		42
37) Ethyl Acetate	7.553	43	8066	3.064 ug/l #		69
38) Carbon Tetrachloride	8.218	117	18807	5.799 ug/l #		15
40) Benzene	8.606	78	32026	3.437 ug/l		97
41) Methacrylonitrile	7.835	41	469071	331.332 ug/l #		45
42) 1,2-Dichloroethane	8.659	62	1015	0.336 ug/l #		75
43) Isopropyl Acetate	8.665	43	26693	4.612 ug/l #		58
49) 1,4-Dioxane	9.694	88	4261	117.358 ug/l #		87
51) 4-Methyl-2-Pentanone	10.565	43	9313	3.711 ug/l		97
52) Toluene	10.623	92	49047	9.000 ug/l		97
55) 1,1,2-Trichloroethane	10.923	97	958	0.467 ug/l #		57
59) 2-Hexanone	11.059	43	10262	5.618 ug/l		72
65) Chlorobenzene	11.894	112	6529	1.033 ug/l		91
67) Ethyl Benzene	11.965	91	88962	8.434 ug/l		97
68) m/p-Xylenes	12.065	106	36692	9.189 ug/l		94
69) o-Xylene	12.394	106	20698	5.541 ug/l		93
70) Styrene	12.406	104	5556	0.853 ug/l #		54
73) Isopropylbenzene	12.694	105	7103	0.765 ug/l		99
74) N-amyl acetate	12.459	43	1827	0.462 ug/l #		55

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

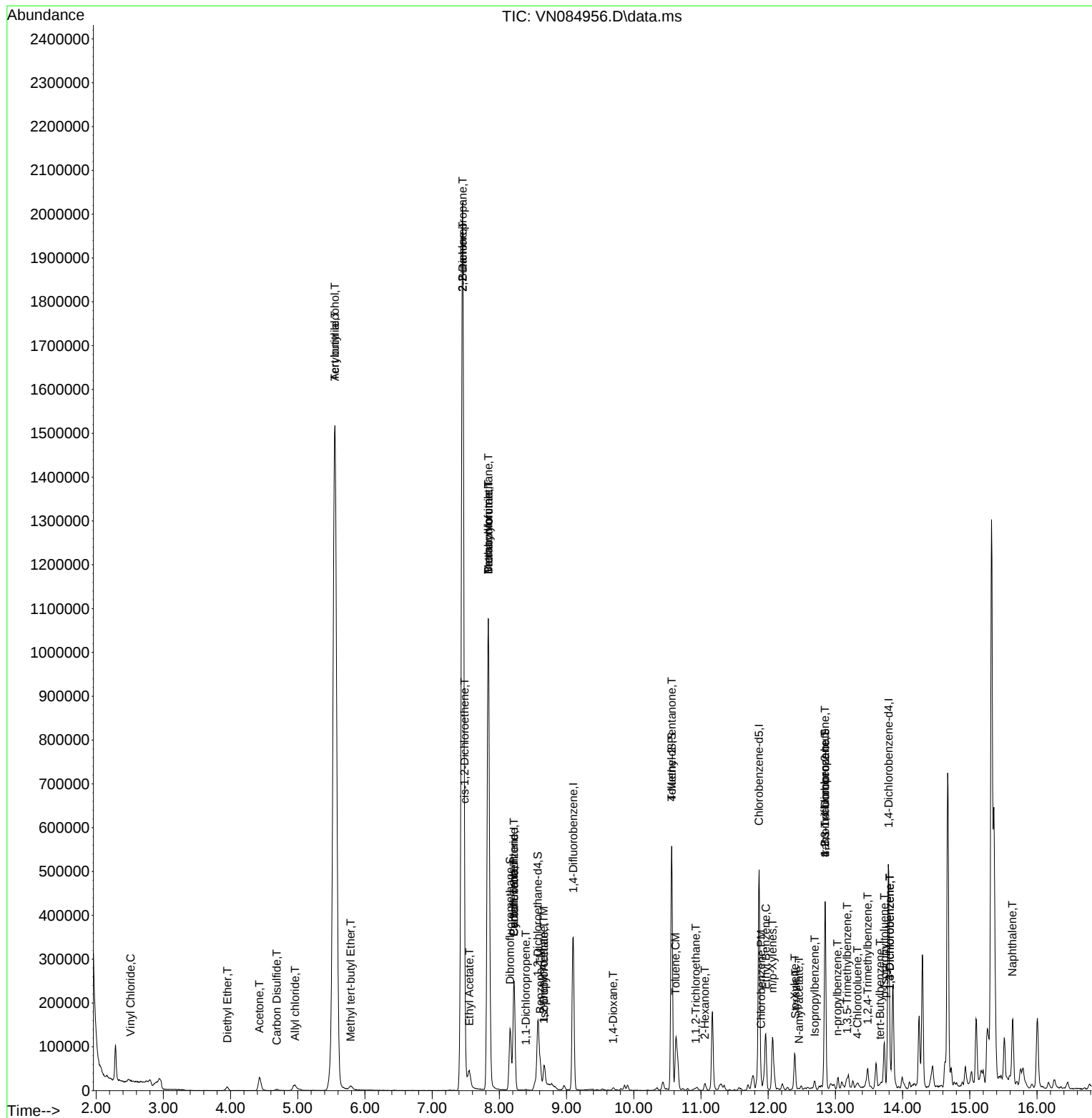
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	12.847	75	77295	29.185	ug/l #	1
78) n-propylbenzene	13.029	91	4647	0.427	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	5775	0.750	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.847	75	77295	69.237	ug/l #	11
82) 4-Chlorotoluene	13.329	91	1777	0.238	ug/l	73
83) tert-Butylbenzene	13.664	119	1402	0.220	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	23609	2.973	ug/l	99
86) p-Isopropyltoluene	13.729	119	53846	7.298	ug/l	98
87) 1,3-Dichlorobenzene	13.812	146	8820	1.811	ug/l #	77
88) 1,4-Dichlorobenzene	13.812	146	8820	1.131	ug/l #	76
95) Naphthalene	15.635	128	138580	18.071	ug/l	99

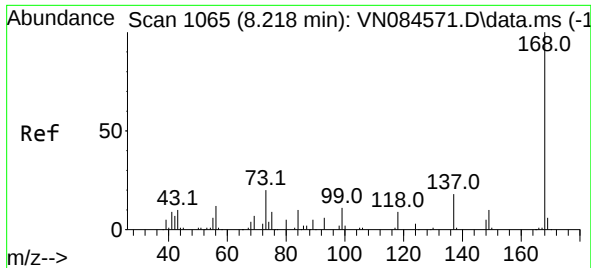
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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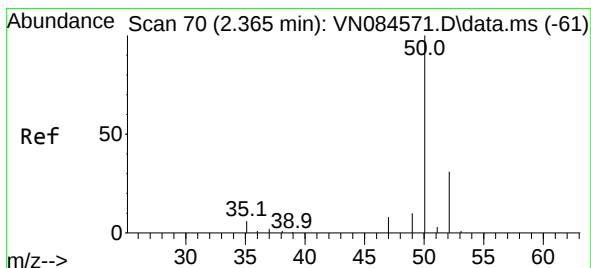
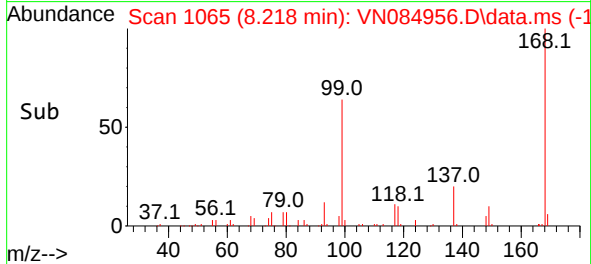
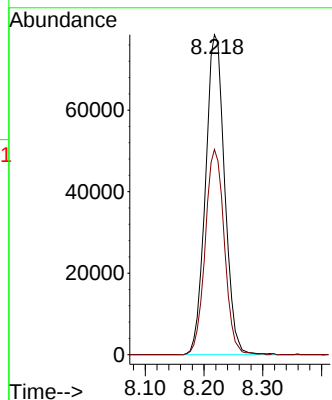
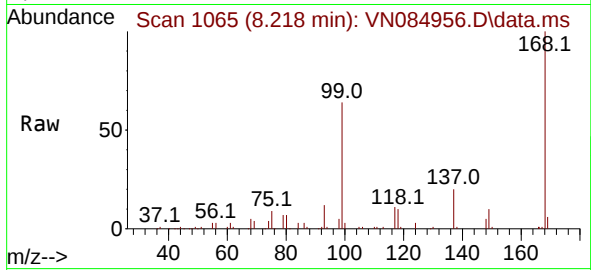




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

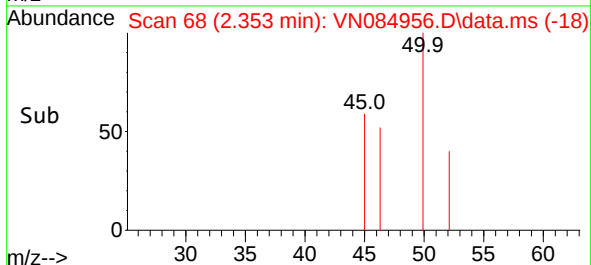
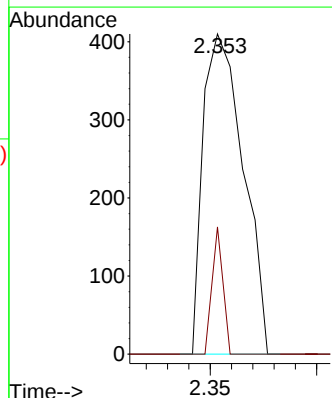
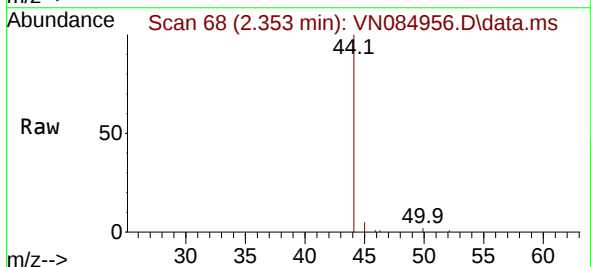
Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

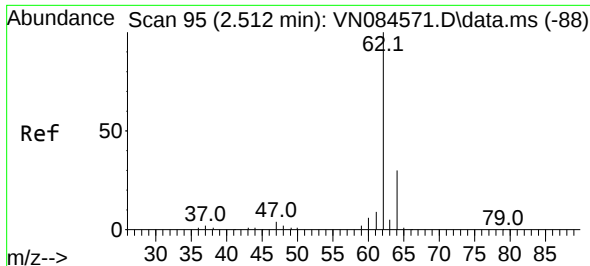
Tgt Ion:168 Resp: 177667
Ion Ratio Lower Upper
168 100
99 64.2 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

Tgt Ion: 50 Resp: 539
Ion Ratio Lower Upper
50 100
52 39.8 26.8 40.2

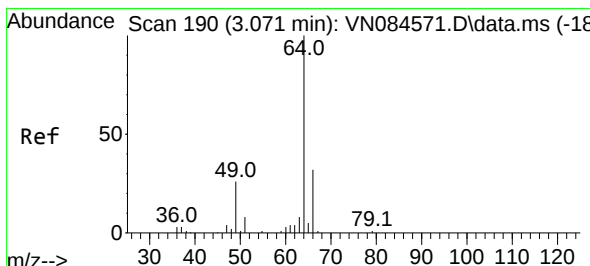
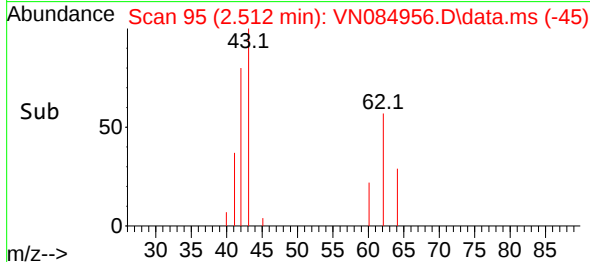
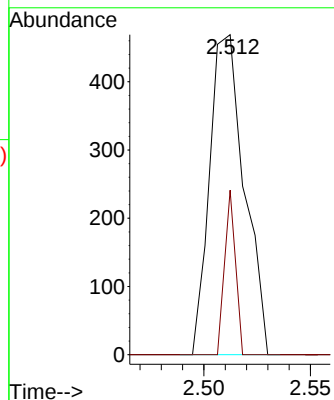
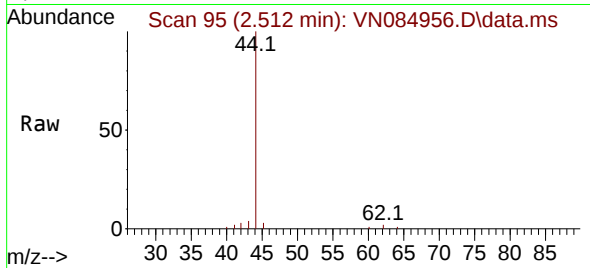




#4
 Vinyl Chloride
 Concen: 0.242 ug/l
 RT: 2.512 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN084956.D
 Acq: 19 Nov 2024 18:52

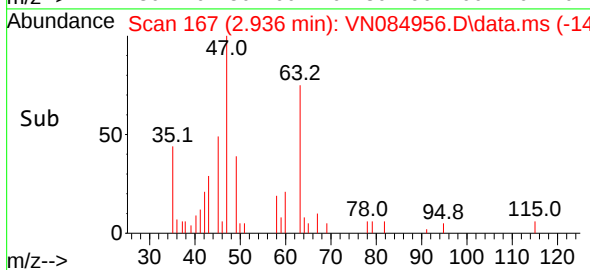
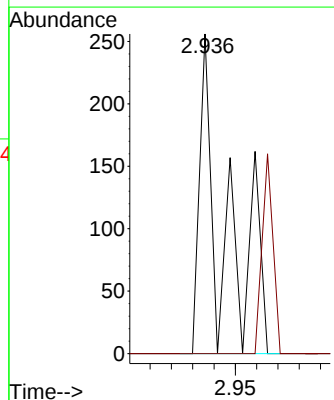
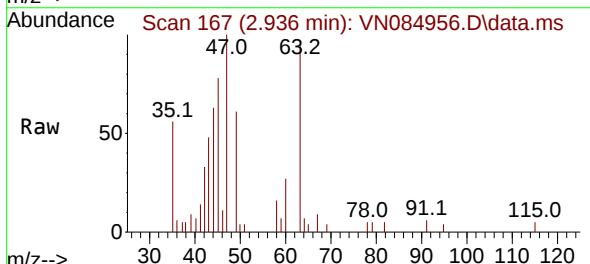
Instrument :
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 241113075-01-VOA

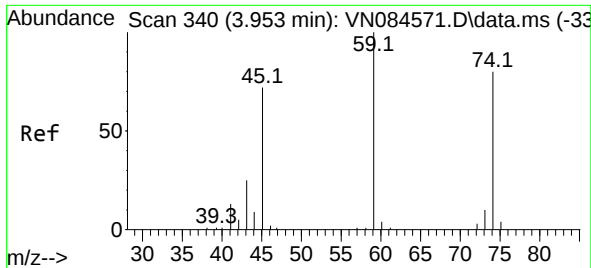
Tgt Ion: 62 Resp: 531
 Ion Ratio Lower Upper
 62 100
 64 51.4 26.2 39.4#



#6
 Chloroethane
 Concen: Below Cal
 RT: 2.936 min Scan# 167
 Delta R.T. -0.182 min
 Lab File: VN084956.D
 Acq: 19 Nov 2024 18:52

Tgt Ion: 64 Resp: 203
 Ion Ratio Lower Upper
 64 100
 66 0.0 23.5 35.3#





#8

Diethyl Ether

Concen: 3.542 ug/l

RT: 3.953 min Scan# 34

Delta R.T. -0.006 min

Lab File: VN084956.D

Acq: 19 Nov 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :

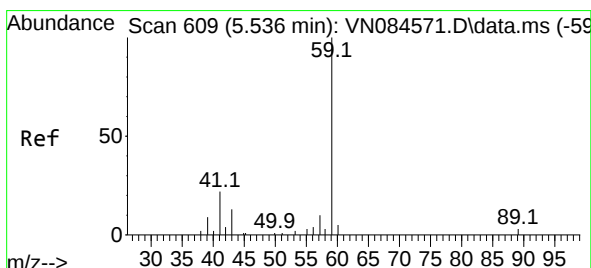
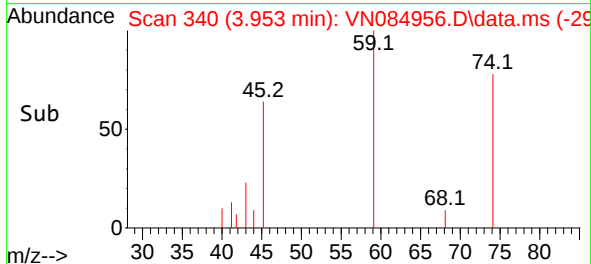
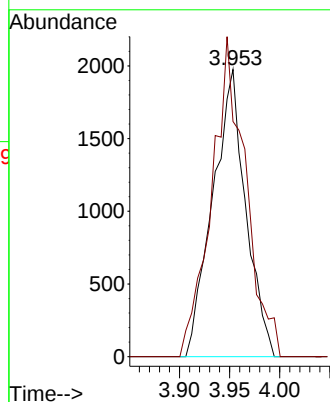
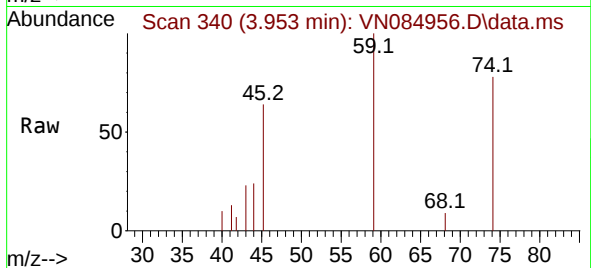
241113075-01-VOA

Tgt Ion: 74 Resp: 4522

Ion Ratio Lower Upper

74 100

45 114.5 47.7 143.1



#11

Tert butyl alcohol

Concen: 10305.253 ug/l

RT: 5.553 min Scan# 612

Delta R.T. 0.029 min

Lab File: VN084956.D

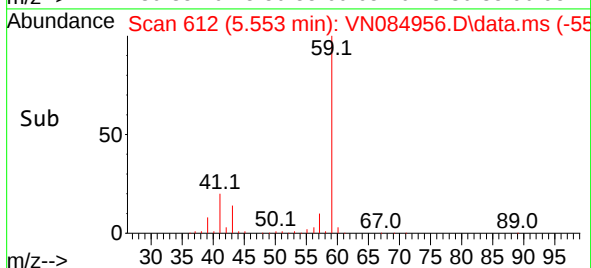
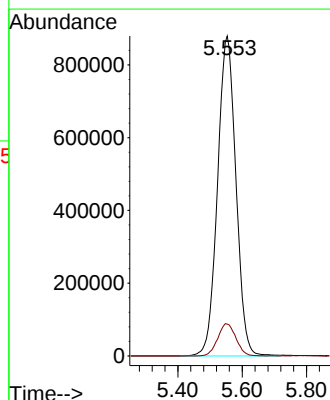
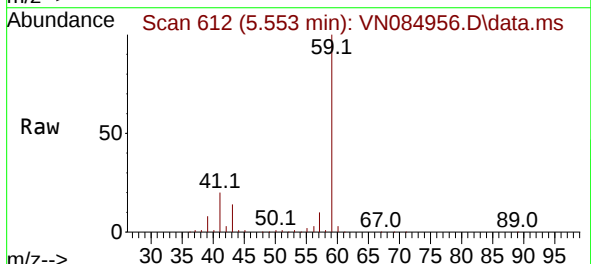
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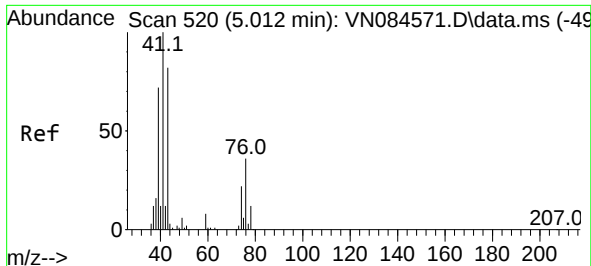
Tgt Ion: 59 Resp: 3490593

Ion Ratio Lower Upper

59 100

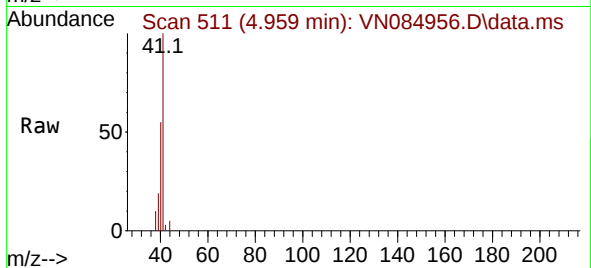
57 10.0 8.2 12.2



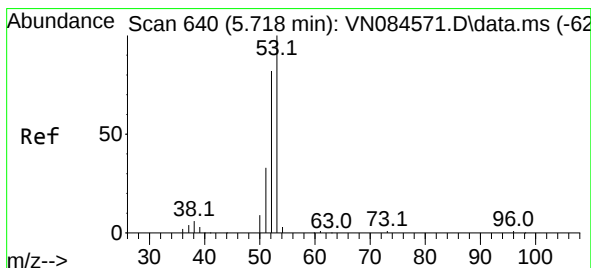
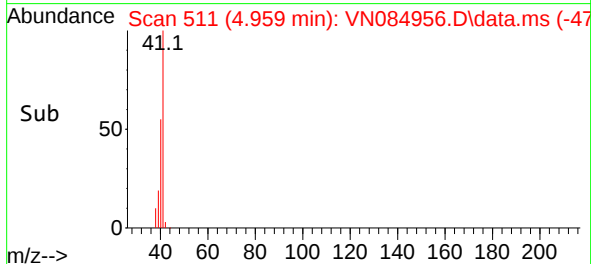
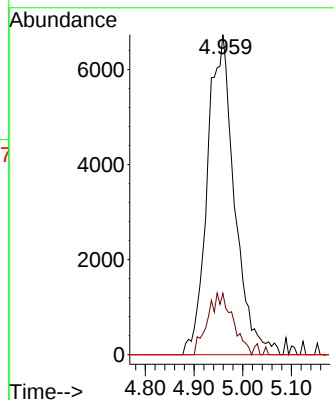


#14
 Allyl chloride
 Concen: 7.943 ug/l
 RT: 4.959 min Scan# 511
 Delta R.T. -0.065 min
 Lab File: VN084956.D
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Instrument :
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 ClientSampleId :
 241113075-01-VOA

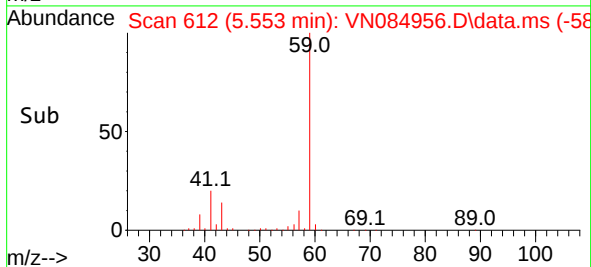
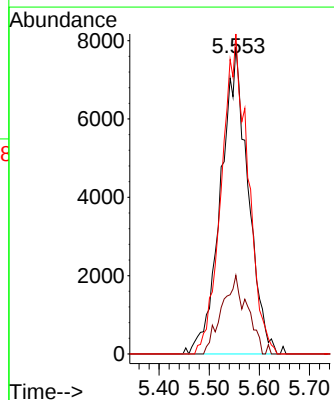
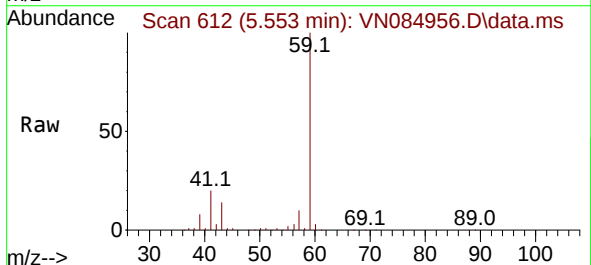


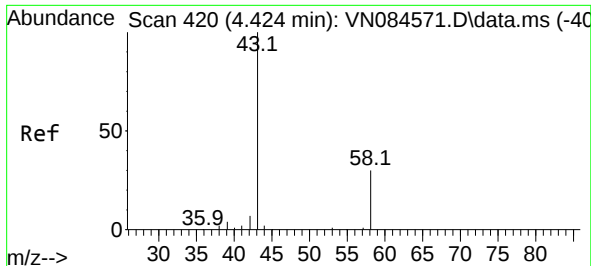
Tgt Ion: 41 Resp: 26063
 Ion Ratio Lower Upper
 41 100
 39 17.8 59.0 88.6#
 76 0.0 29.8 44.6#



#15
 Acrylonitrile
 Concen: 30.218 ug/l
 RT: 5.553 min Scan# 612
 Delta R.T. -0.165 min
 Lab File: VN084956.D
 Acq: 19 Nov 2024 18:52

Tgt Ion: 53 Resp: 29631
 Ion Ratio Lower Upper
 53 100
 52 23.6 66.2 99.4#
 51 100.9 28.8 43.2#





#16

Acetone

Concen: 16.988 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN084956.D

Acq: 19 Nov 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :

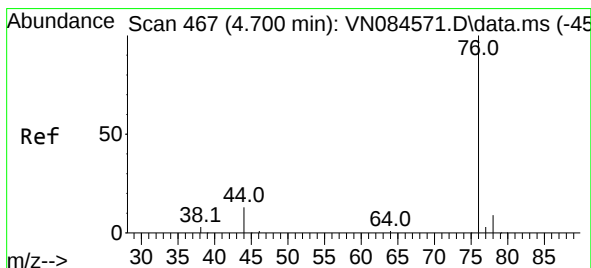
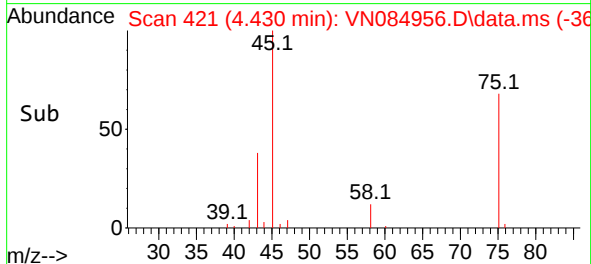
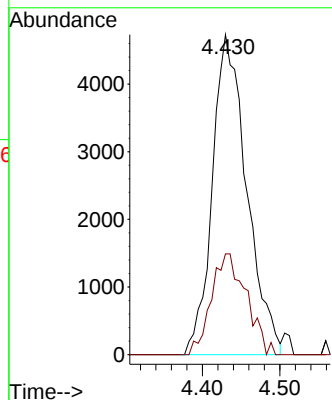
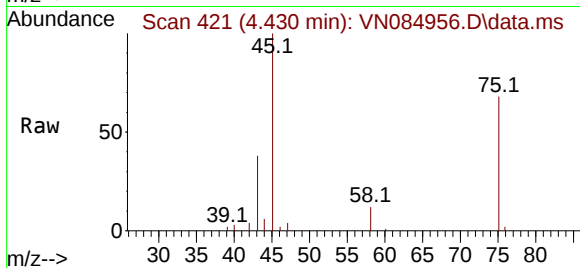
241113075-01-VOA

Tgt Ion: 43 Resp: 14563

Ion Ratio Lower Upper

43 100

58 31.5 24.4 36.6



#17

Carbon Disulfide

Concen: 0.988 ug/l

RT: 4.689 min Scan# 465

Delta R.T. -0.023 min

Lab File: VN084956.D

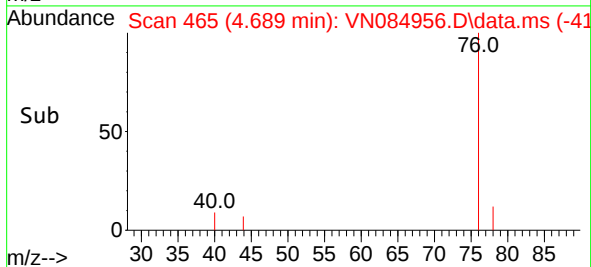
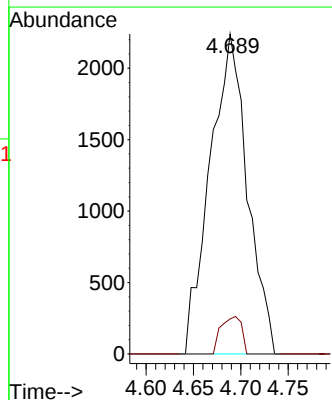
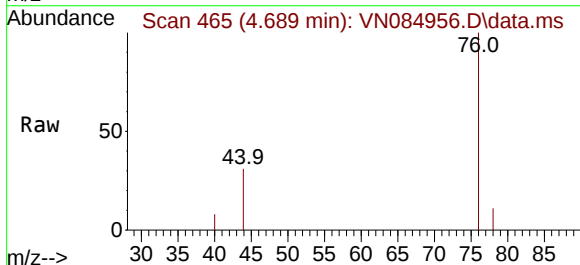
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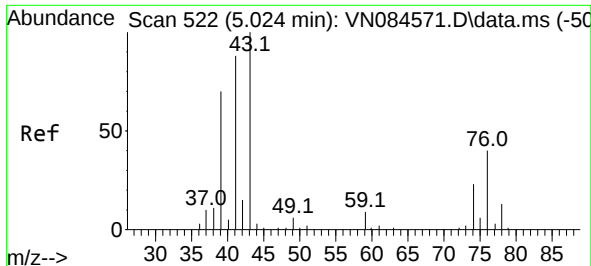
Tgt Ion: 76 Resp: 6153

Ion Ratio Lower Upper

76 100

78 11.0 7.3 10.9#

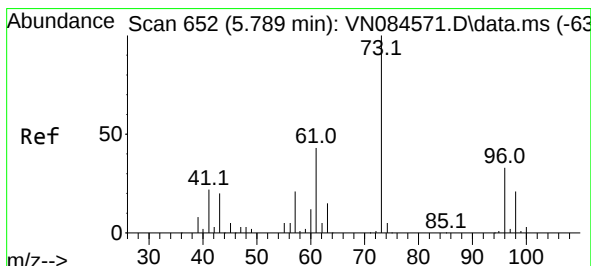
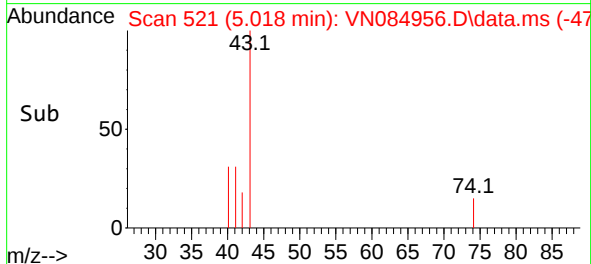
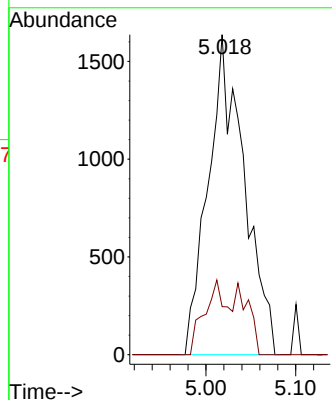
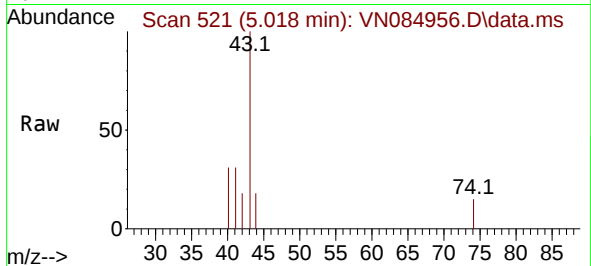




#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

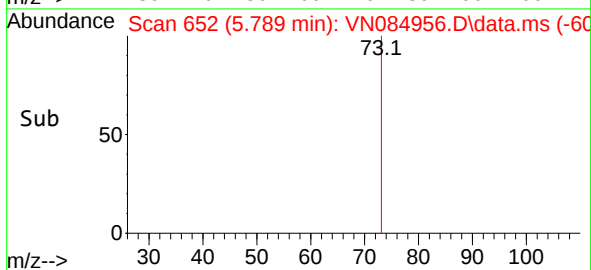
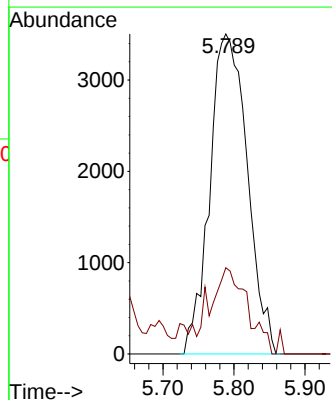
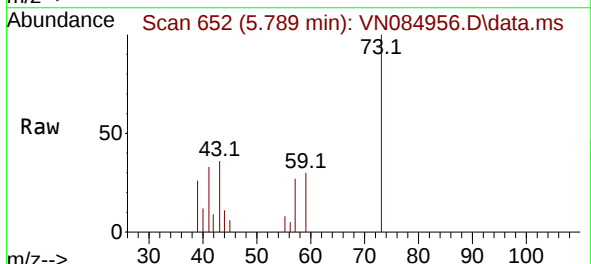
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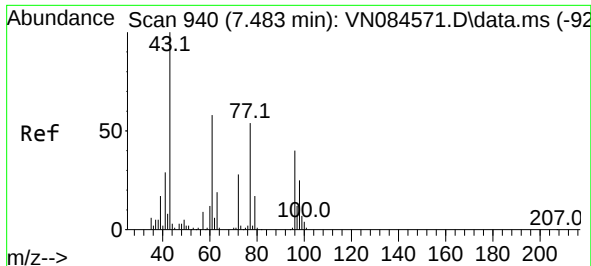
Tgt Ion: 43 Resp: 4541
Ion Ratio Lower Upper
43 100
74 15.2 19.2 28.8#



#19
Methyl tert-butyl Ether
Concen: 2.074 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

Tgt Ion: 73 Resp: 12862
Ion Ratio Lower Upper
73 100
57 19.4 17.7 26.5

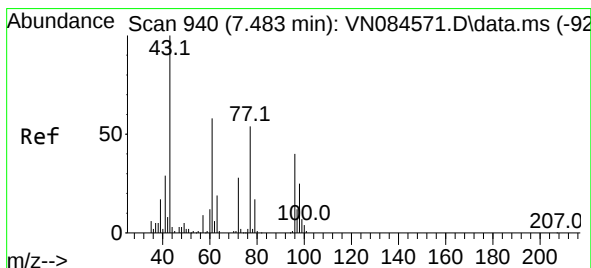
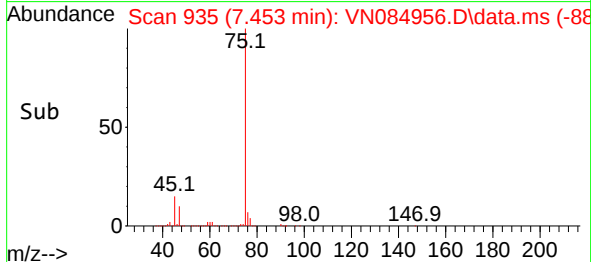
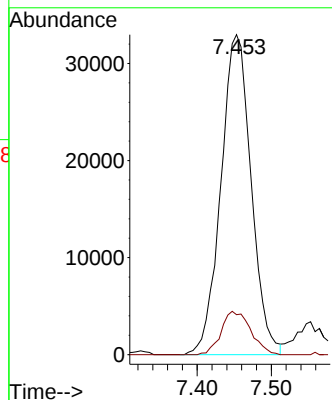
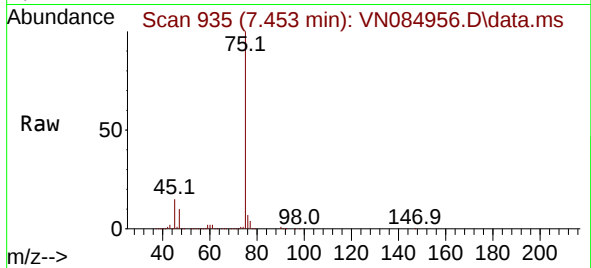




#25
2-Butanone
Concen: 78.170 ug/l
RT: 7.453 min Scan# 91
Delta R.T. -0.029 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

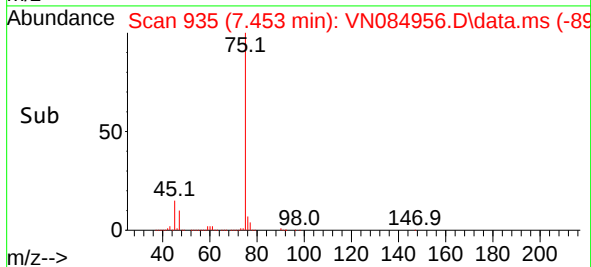
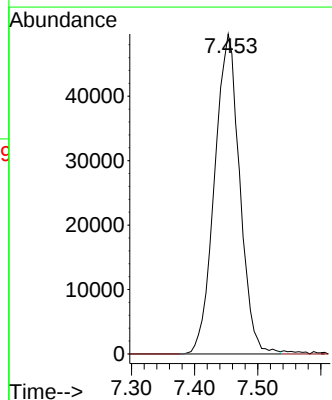
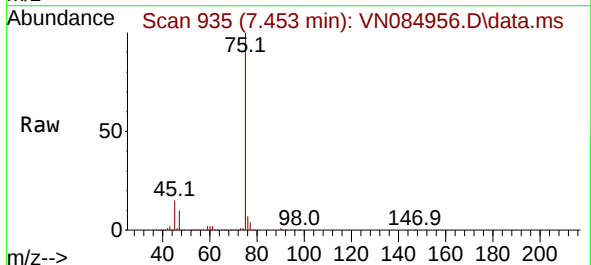
Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

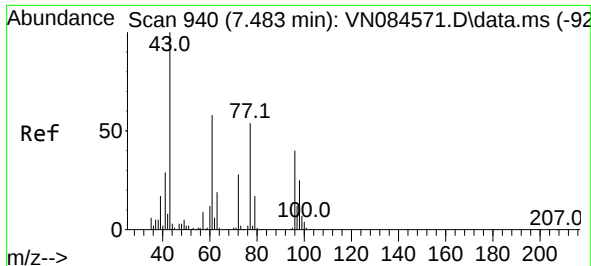
Tgt Ion: 43 Resp: 93583
Ion Ratio Lower Upper
43 100
72 12.5 21.4 32.2#



#26
2,2-Dichloropropane
Concen: 40.249 ug/l
RT: 7.453 min Scan# 935
Delta R.T. -0.035 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

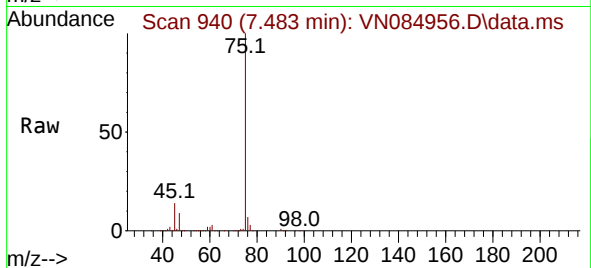
Tgt Ion: 77 Resp: 137125
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



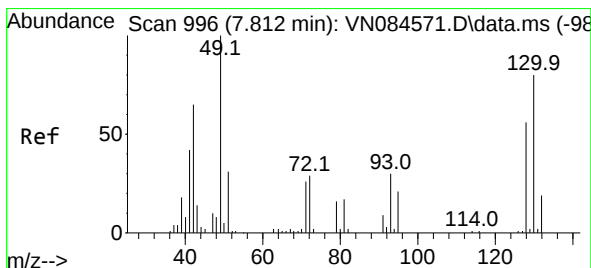
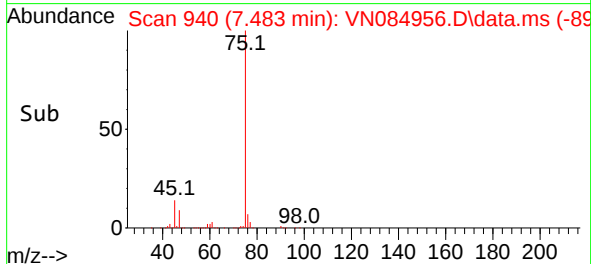
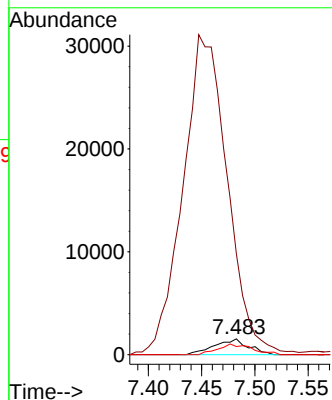


#27
 cis-1,2-Dichloroethene
 Concen: 1.405 ug/l
 RT: 7.483 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: VN084956.D
 Acq: 19 Nov 2024 18:52

Instrument :
 MSVOA_N
 ClientSampleId :
 241113075-01-VOA

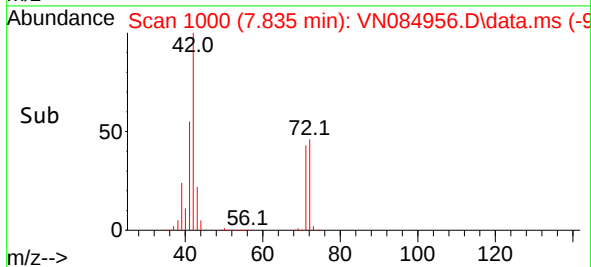
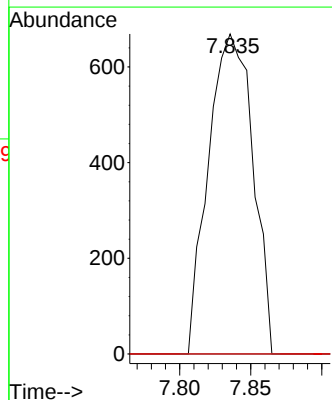
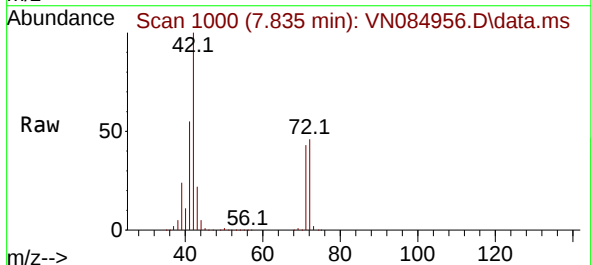


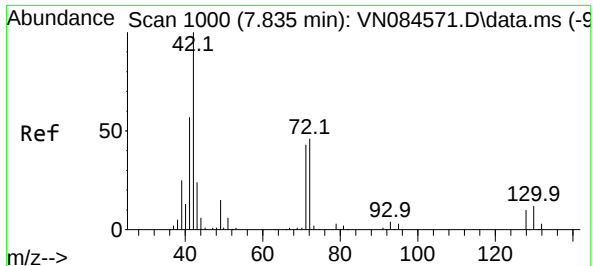
Tgt Ion: 96 Resp: 3408
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 301.8
 98 67.6 0.0 128.2



#28
 Bromochloromethane
 Concen: 0.936 ug/l
 RT: 7.835 min Scan# 1000
 Delta R.T. 0.023 min
 Lab File: VN084956.D
 Acq: 19 Nov 2024 18:52

Tgt Ion: 49 Resp: 1459
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 0.0 58.0 87.0#





#29

Tetrahydrofuran

Concen: 1058.999 ug/l

RT: 7.835 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VN084956.D

Acq: 19 Nov 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :

241113075-01-VOA

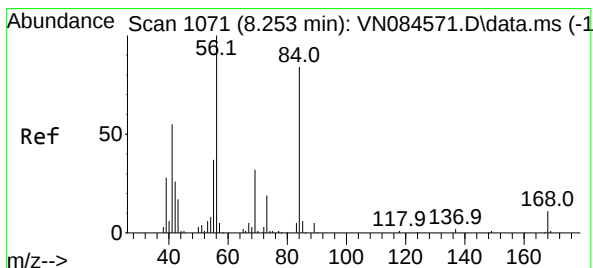
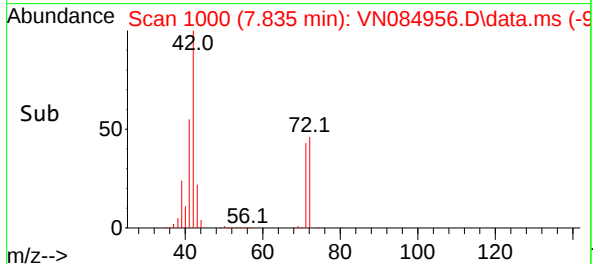
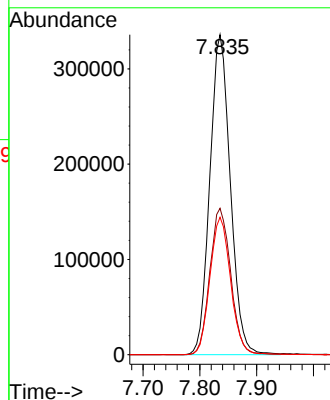
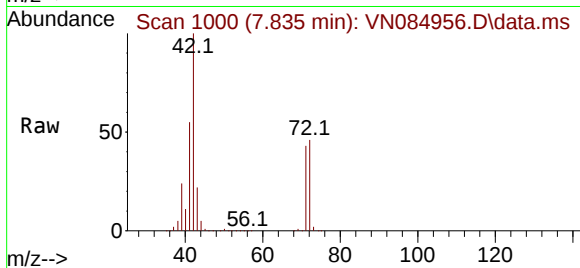
Tgt Ion: 42 Resp: 841082

Ion Ratio Lower Upper

42 100

72 46.6 34.6 51.8

71 43.4 32.2 48.4



#31

Cyclohexane

Concen: 1.187 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN084956.D

Acq: 19 Nov 2024 18:52

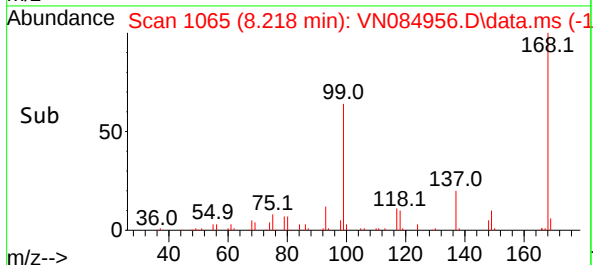
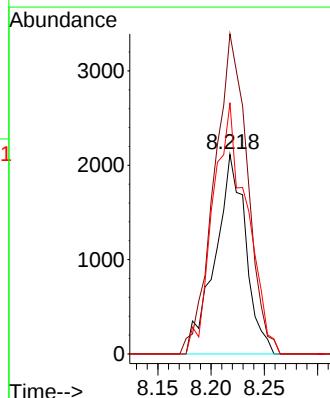
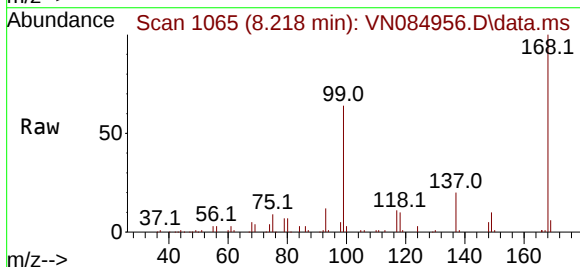
Tgt Ion: 56 Resp: 4206

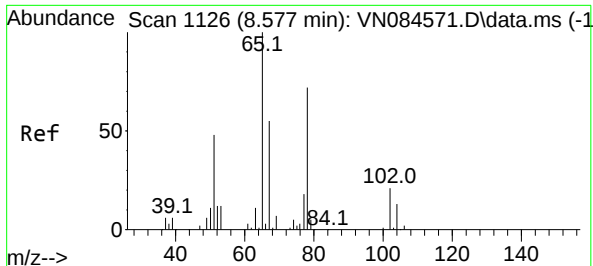
Ion Ratio Lower Upper

56 100

69 160.4 23.8 35.6#

84 125.9 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 49.679 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VN084956.D

Acq: 19 Nov 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :

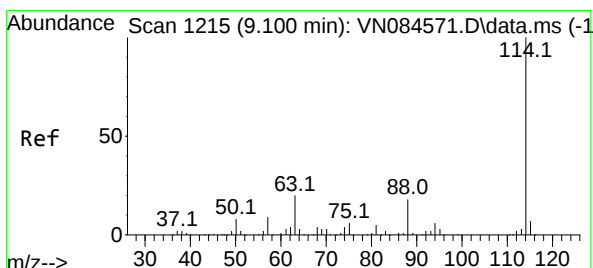
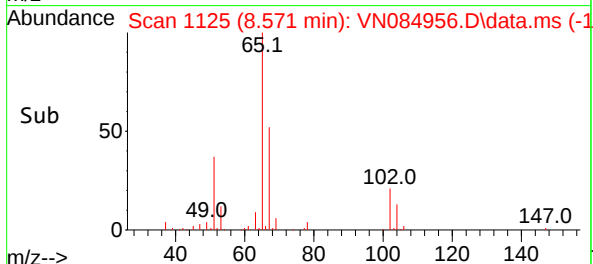
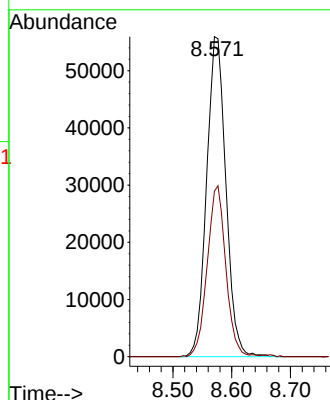
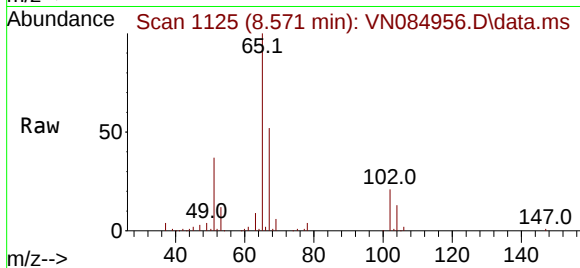
241113075-01-VOA

Tgt Ion: 65 Resp: 127482

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084956.D

Acq: 19 Nov 2024 18:52

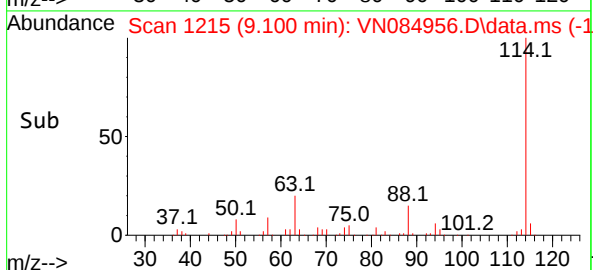
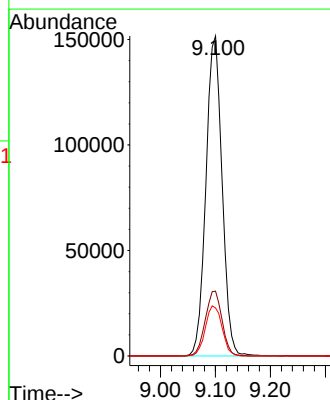
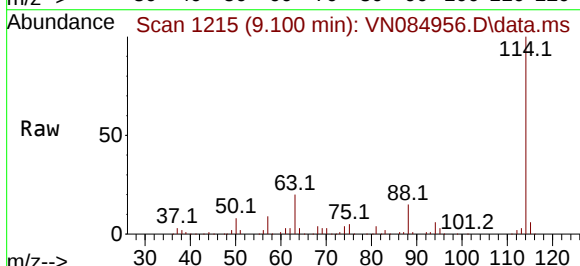
Tgt Ion: 114 Resp: 309095

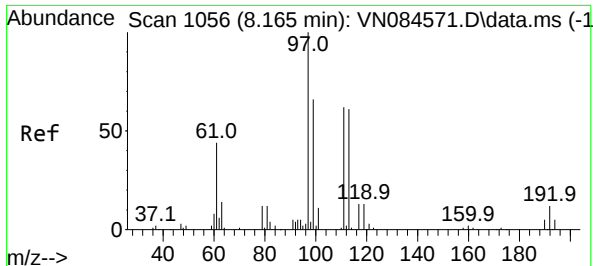
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.8

88 15.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.031 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084956.D

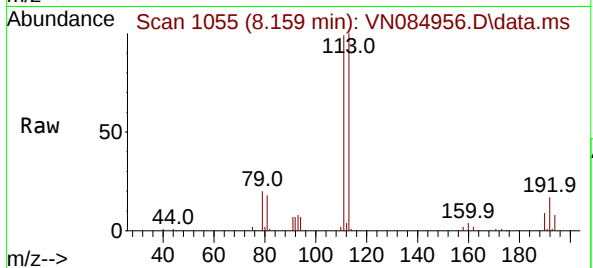
Acq: 19 Nov 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :

241113075-01-VOA



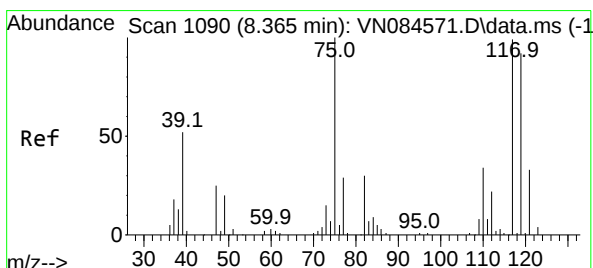
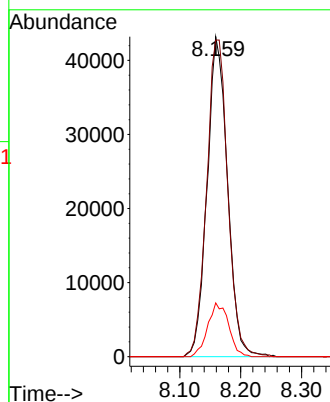
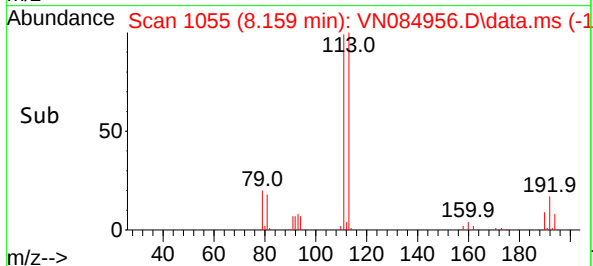
Tgt Ion:113 Resp: 100491

Ion Ratio Lower Upper

113 100

111 102.9 83.3 124.9

192 17.2 13.5 20.3



#36

1,1-Dichloropropene

Concen: 0.382 ug/l

RT: 8.394 min Scan# 1095

Delta R.T. 0.023 min

Lab File: VN084956.D

Acq: 19 Nov 2024 18:52

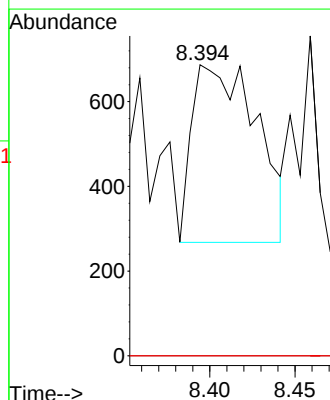
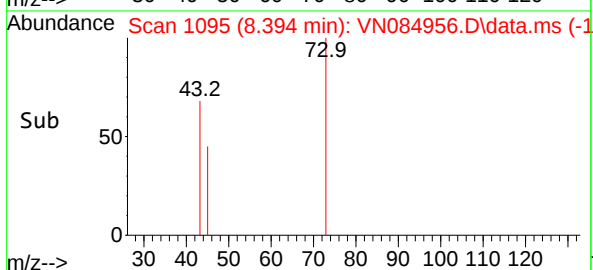
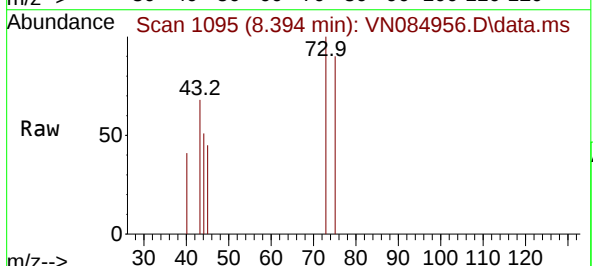
Tgt Ion: 75 Resp: 1109

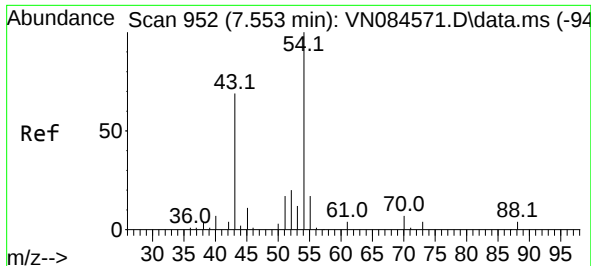
Ion Ratio Lower Upper

75 100

110 0.0 16.9 50.7#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 3.064 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN084956.D

Acq: 19 Nov 2024 18:52

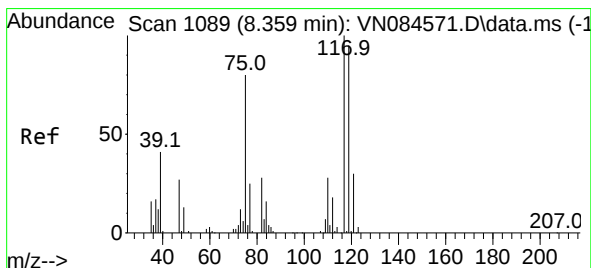
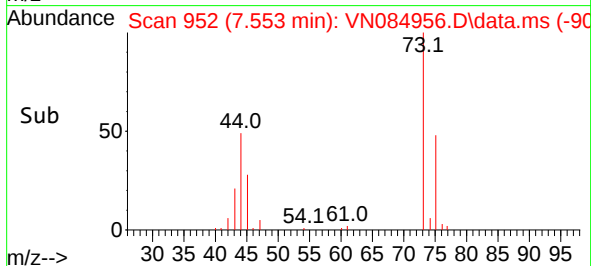
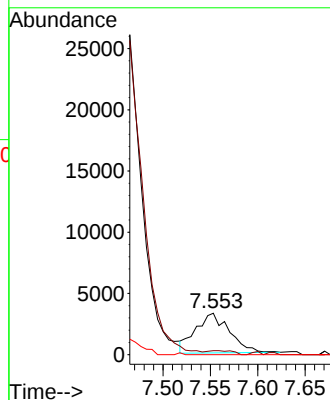
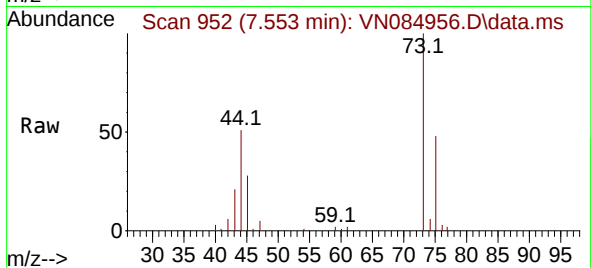
Instrument :

MSVOA_N

ClientSampleId :

241113075-01-VOA

Tgt Ion: 43	Resp:	8066
Ion	Ratio	Lower Upper
43	100	
61	0.0	10.7 16.1#
70	0.0	8.8 13.2#



#38

Carbon Tetrachloride

Concen: 5.799 ug/l

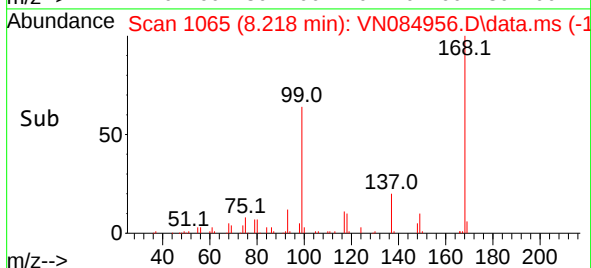
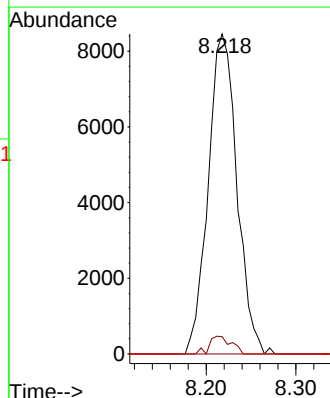
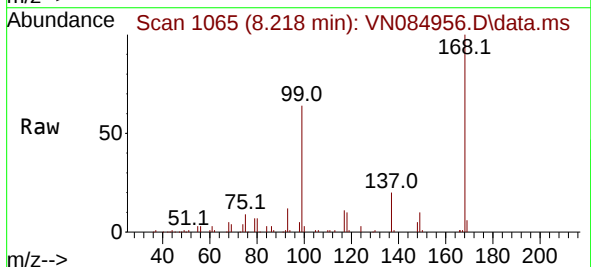
RT: 8.218 min Scan# 1065

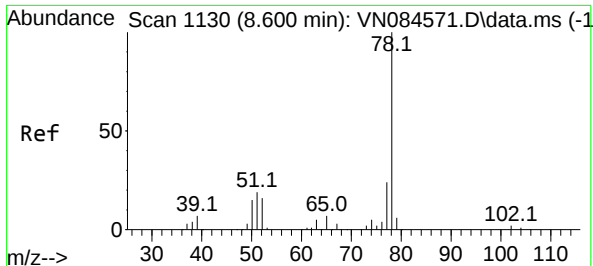
Delta R.T. -0.141 min

Lab File: VN084956.D

Acq: 19 Nov 2024 18:52

Tgt Ion: 117	Resp:	18807
Ion	Ratio	Lower Upper
117	100	
119	5.4	78.7 118.1#
121	0.0	24.4 36.6#





#40

Benzene

Concen: 3.437 ug/l

RT: 8.606 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084956.D

Acq: 19 Nov 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :

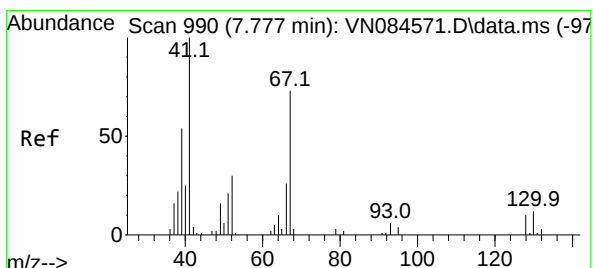
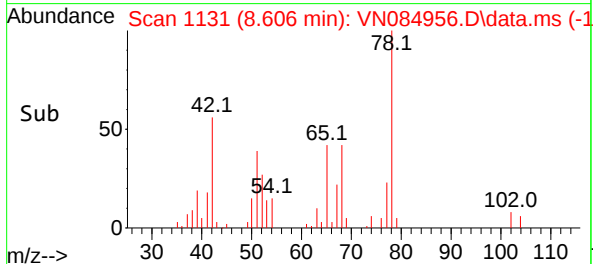
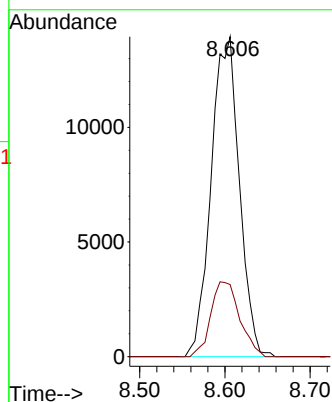
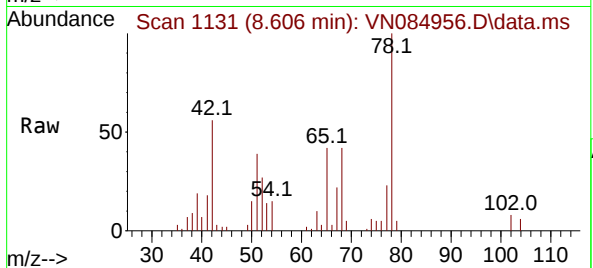
241113075-01-VOA

Tgt Ion: 78 Resp: 32026

Ion Ratio Lower Upper

78 100

77 22.6 19.1 28.7



#41

Methacrylonitrile

Concen: 331.332 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.058 min

Lab File: VN084956.D

Acq: 19 Nov 2024 18:52

Tgt Ion: 41 Resp: 469071

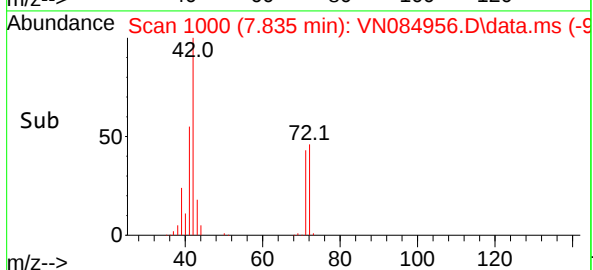
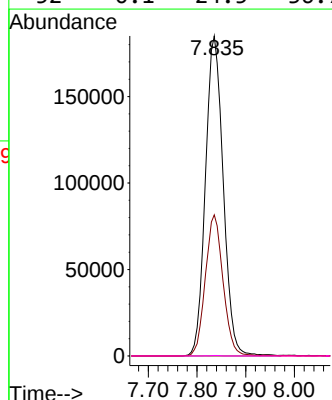
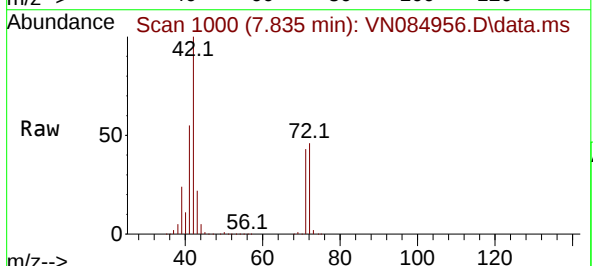
Ion Ratio Lower Upper

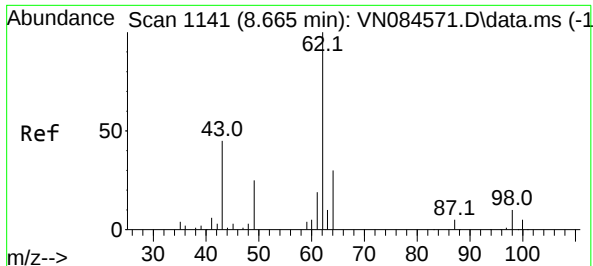
41 100

39 43.8 43.3 64.9

67 0.0 56.1 84.1#

52 0.1 24.5 36.7#

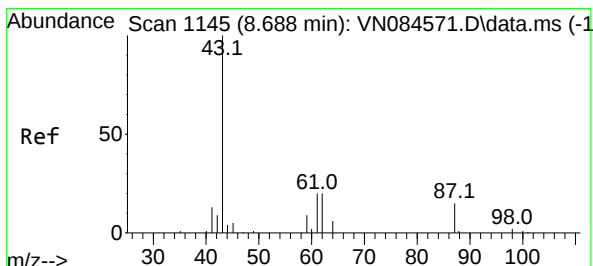
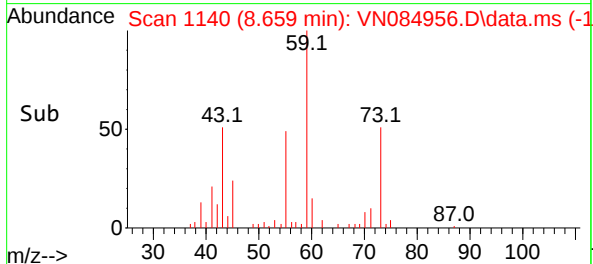
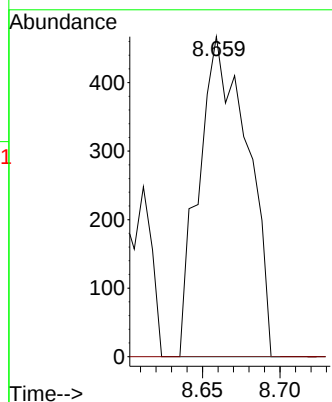
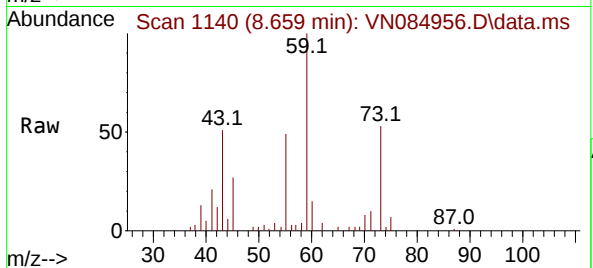




#42
1,2-Dichloroethane
Concen: 0.336 ug/l
RT: 8.659 min Scan# 1141
Delta R.T. -0.012 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

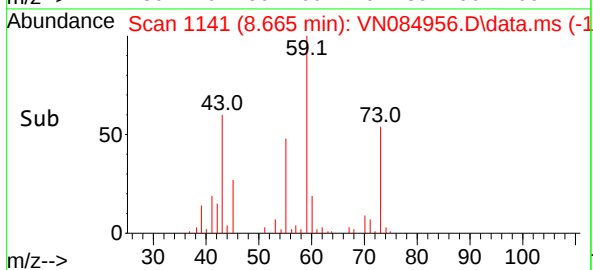
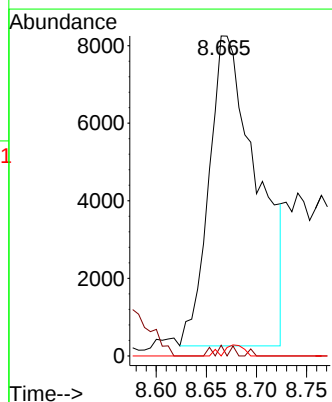
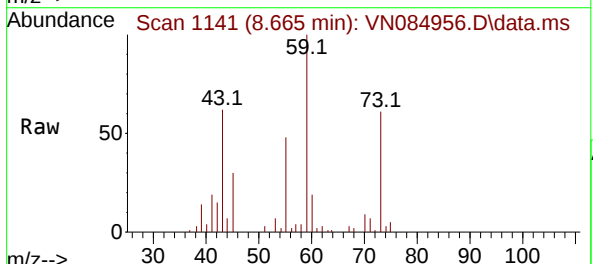
Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

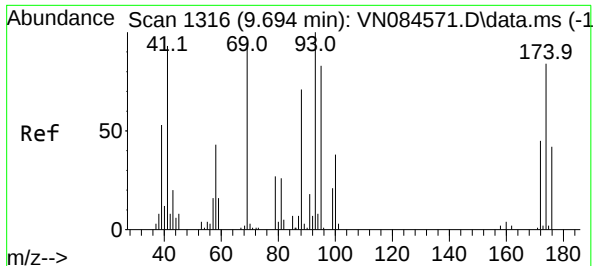
Tgt Ion: 62 Resp: 1015
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2



#43
Isopropyl Acetate
Concen: 4.612 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.023 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

Tgt Ion: 43 Resp: 26693
Ion Ratio Lower Upper
43 100
61 0.7 20.4 30.6#
87 1.5 10.3 15.5#





#49

1,4-Dioxane

Concen: 117.358 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN084956.D

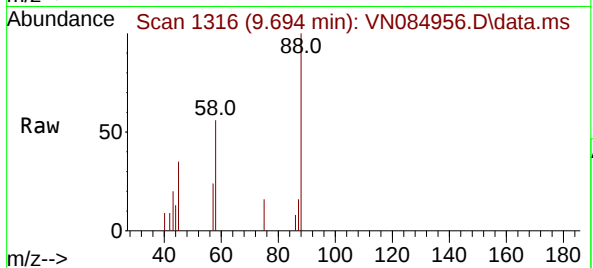
Acq: 19 Nov 2024 18:52

Instrument :

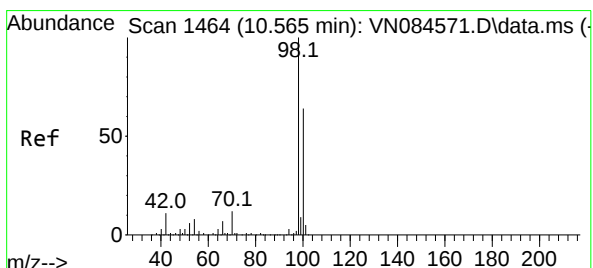
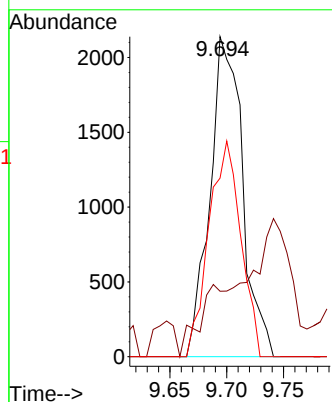
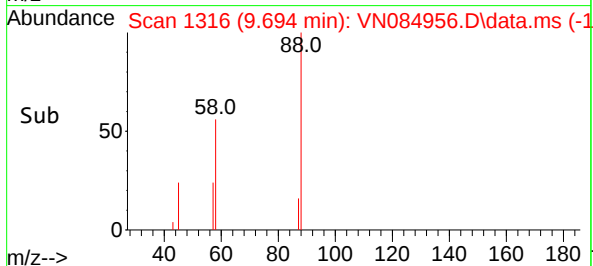
MSVOA_N

ClientSampleId :

241113075-01-VOA



Tgt Ion:	88	Resp:	4261
Ion	Ratio	Lower	Upper
88	100		
43	15.7	25.3	37.9#
58	66.1	56.4	84.6



#50

Toluene-d8

Concen: 47.636 ug/l

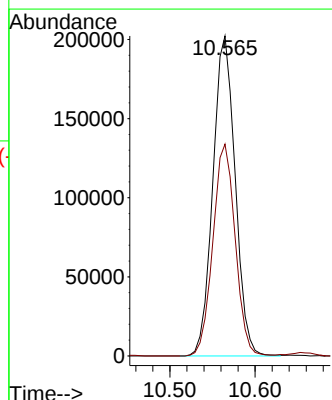
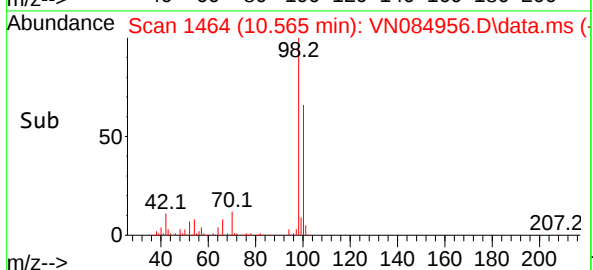
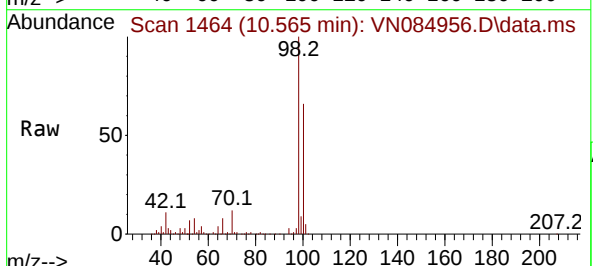
RT: 10.565 min Scan# 1464

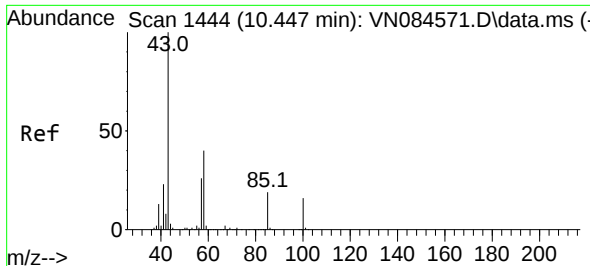
Delta R.T. -0.000 min

Lab File: VN084956.D

Acq: 19 Nov 2024 18:52

Tgt Ion:	98	Resp:	367131
Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.7	79.1

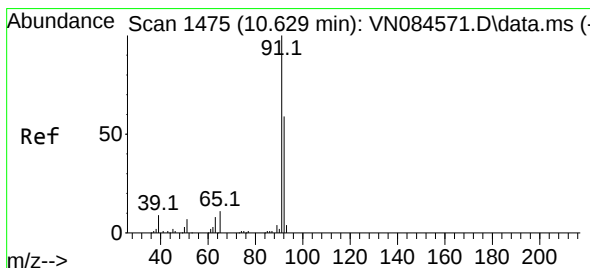
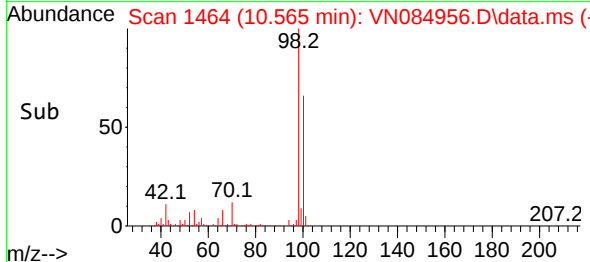
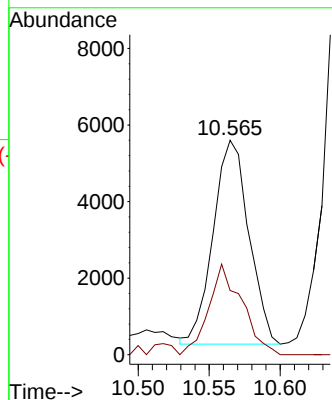
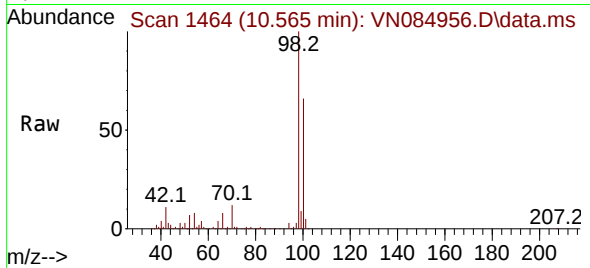




#51
4-Methyl-2-Pentanone
Concen: 3.711 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

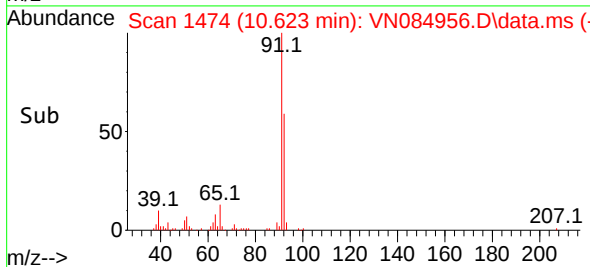
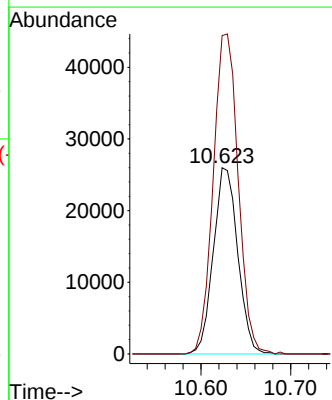
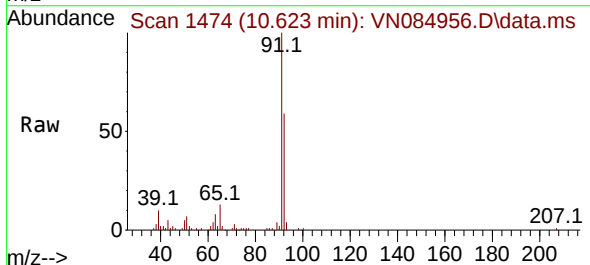
Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

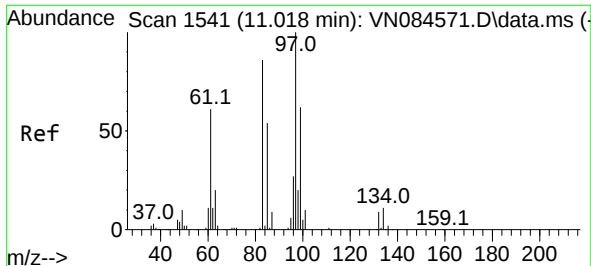
Tgt Ion: 43 Resp: 9313
Ion Ratio Lower Upper
43 100
58 41.3 31.6 47.4



#52
Toluene
Concen: 9.000 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

Tgt Ion: 92 Resp: 49047
Ion Ratio Lower Upper
92 100
91 176.0 137.3 205.9





#55

1,1,2-Trichloroethane

Concen: 0.467 ug/l

RT: 10.923 min Scan# 11

Delta R.T. -0.088 min

Lab File: VN084956.D

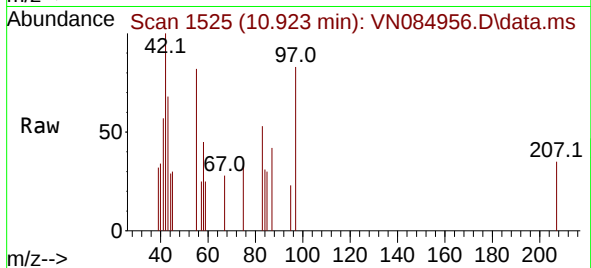
Acq: 19 Nov 2024 18:52

Instrument :

MSVOA_N

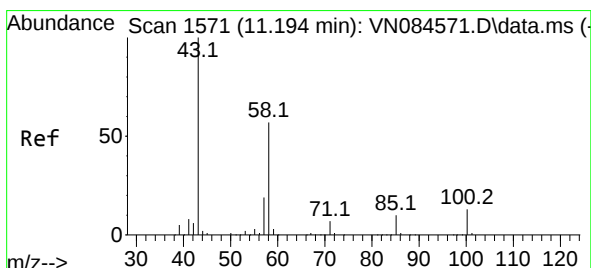
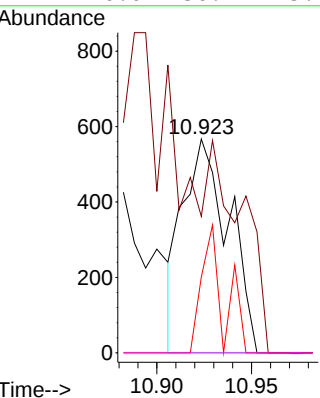
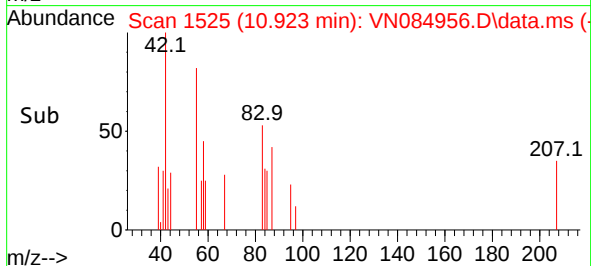
ClientSampleId :

241113075-01-VOA



Tgt Ion: 97 Resp: 958

Ion	Ratio	Lower	Upper
97	100		
83	63.8	71.0	106.4#
85	35.4	41.7	62.5#
99	0.0	50.1	75.1#



#59

2-Hexanone

Concen: 5.618 ug/l

RT: 11.059 min Scan# 1548

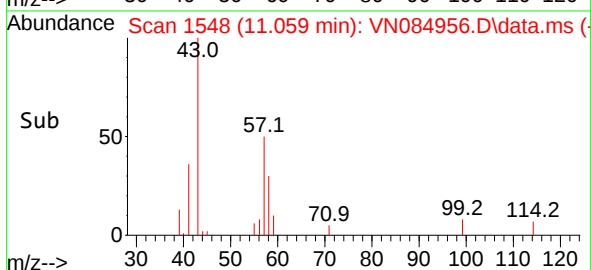
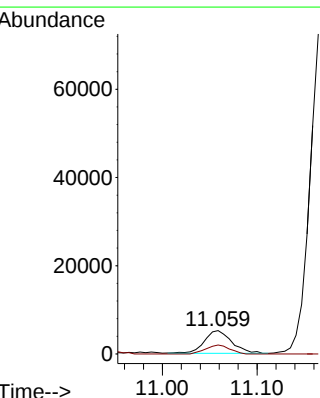
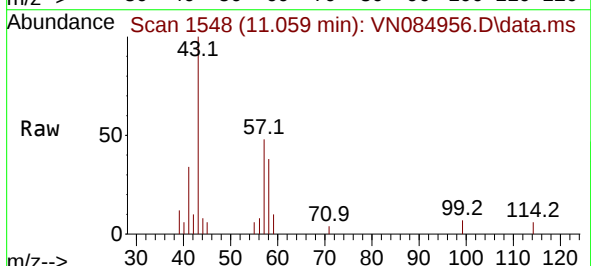
Delta R.T. -0.135 min

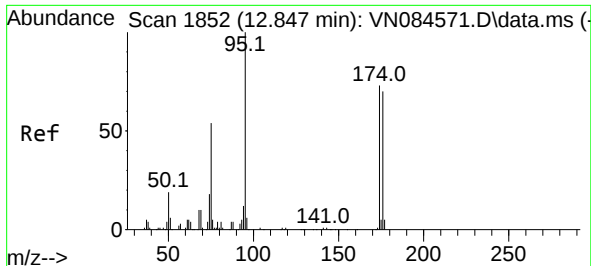
Lab File: VN084956.D

Acq: 19 Nov 2024 18:52

Tgt Ion: 43 Resp: 10262

Ion	Ratio	Lower	Upper
43	100		
58	34.4	27.3	81.8

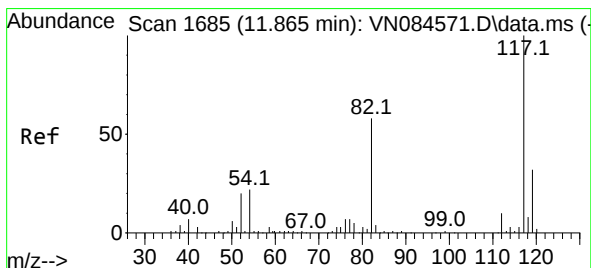
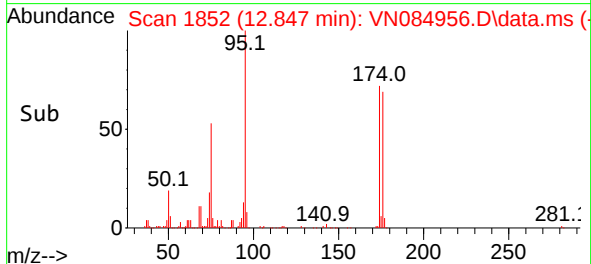
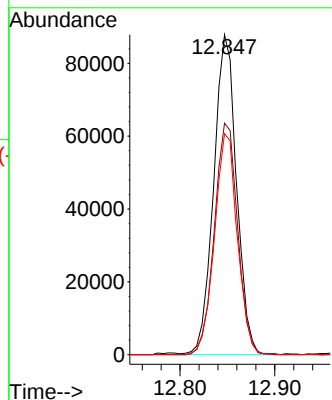
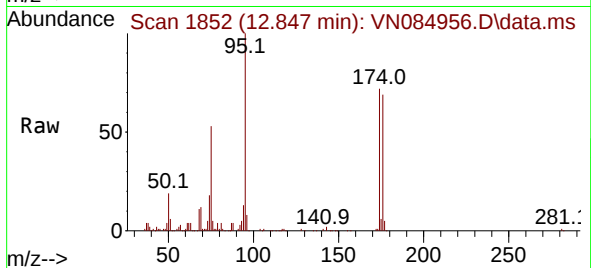




#62
4-Bromofluorobenzene
Concen: 51.031 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

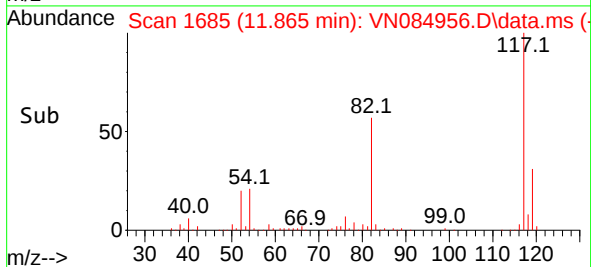
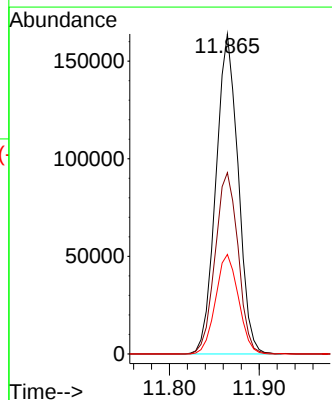
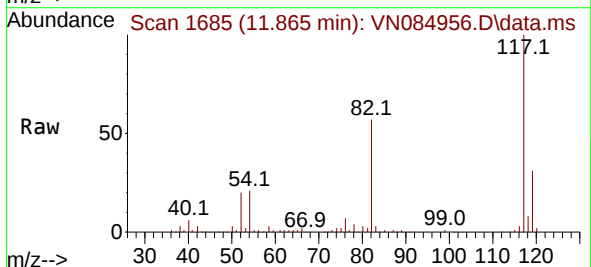
Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

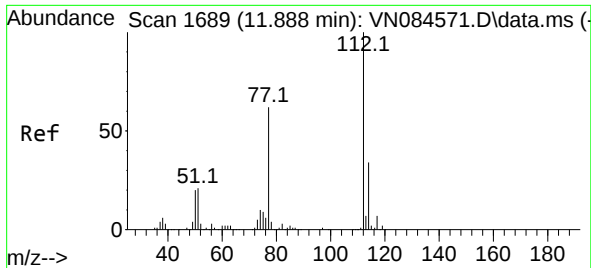
Tgt Ion: 95 Resp: 146986
Ion Ratio Lower Upper
95 100
174 73.5 0.0 145.2
176 69.5 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

Tgt Ion: 117 Resp: 282445
Ion Ratio Lower Upper
117 100
82 56.7 47.2 70.8
119 31.1 25.4 38.0

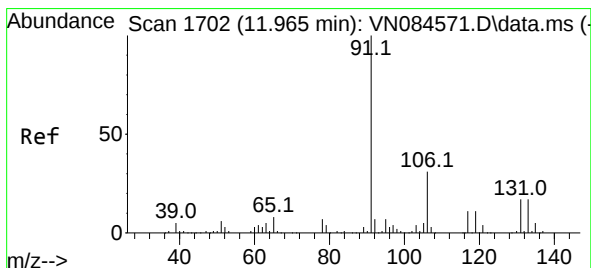
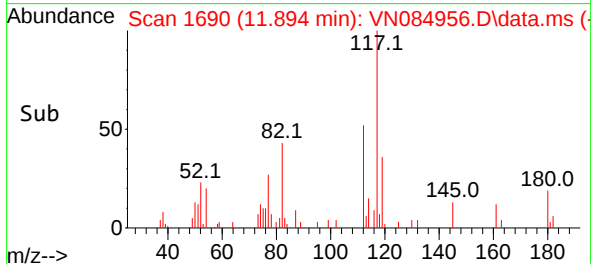
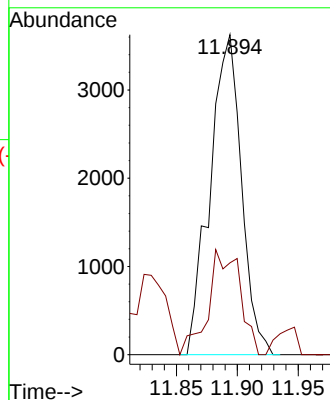
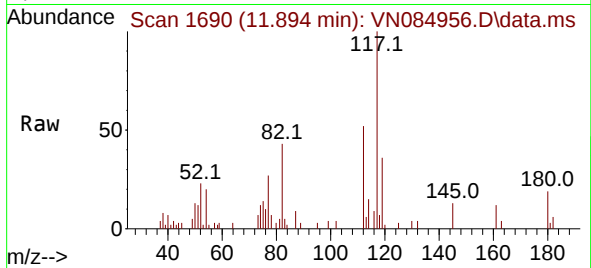




#65
Chlorobenzene
Concen: 1.033 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

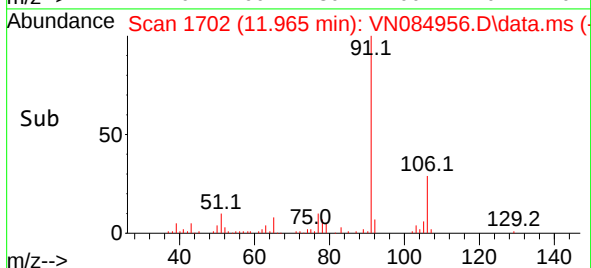
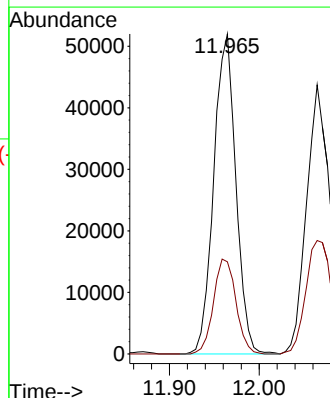
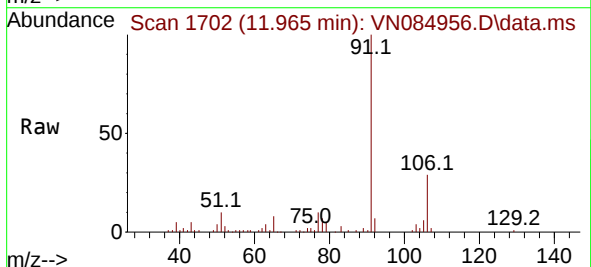
Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

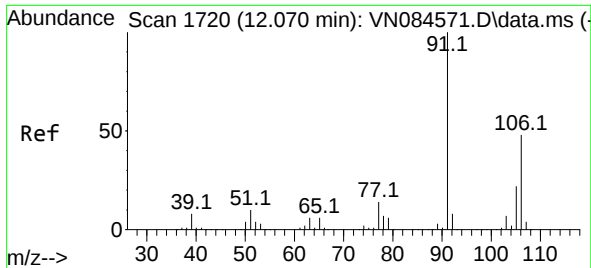
Tgt Ion:112 Resp: 6529
Ion Ratio Lower Upper
112 100
114 28.7 27.0 40.6



#67
Ethyl Benzene
Concen: 8.434 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

Tgt Ion: 91 Resp: 88962
Ion Ratio Lower Upper
91 100
106 28.8 24.5 36.7

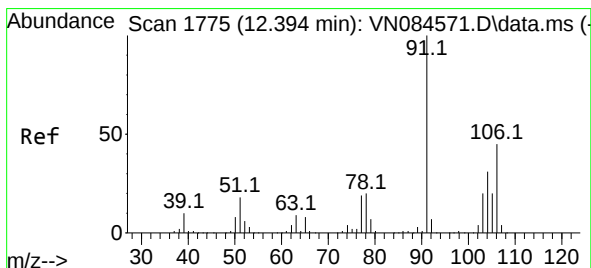
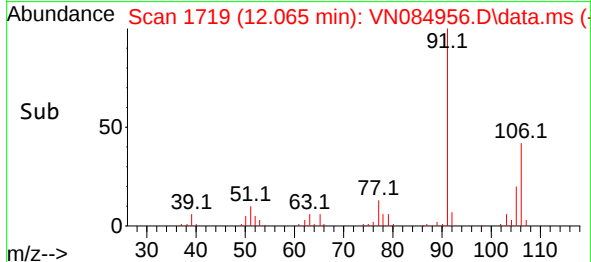
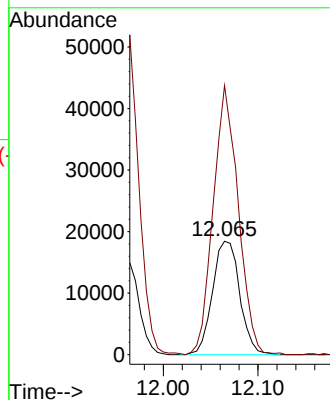
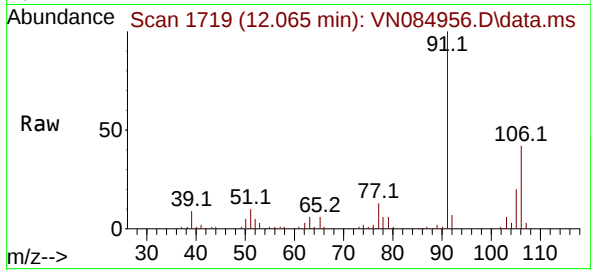




#68
m/p-Xylenes
Concen: 9.189 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

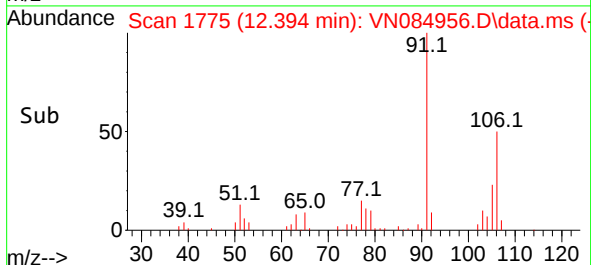
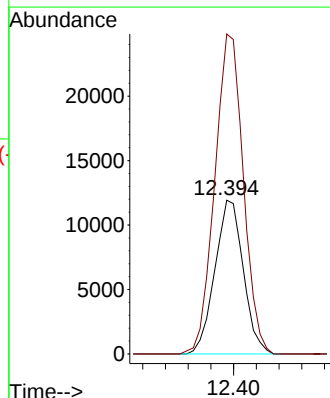
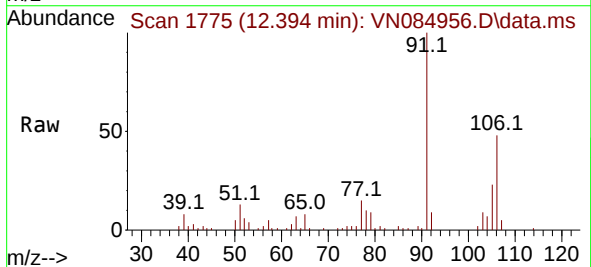
Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

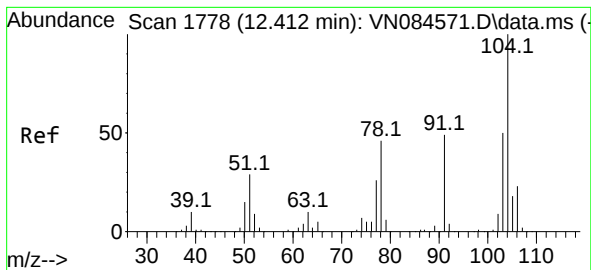
Tgt Ion:106 Resp: 36692
Ion Ratio Lower Upper
106 100
91 219.0 167.1 250.7



#69
o-Xylene
Concen: 5.541 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

Tgt Ion:106 Resp: 20698
Ion Ratio Lower Upper
106 100
91 209.5 110.2 330.6





#70

Styrene

Concen: 0.853 ug/l

RT: 12.406 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN084956.D

Acq: 19 Nov 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :

241113075-01-VOA

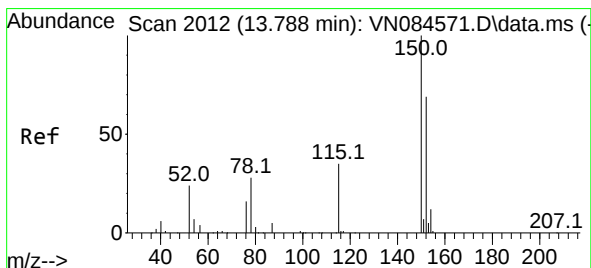
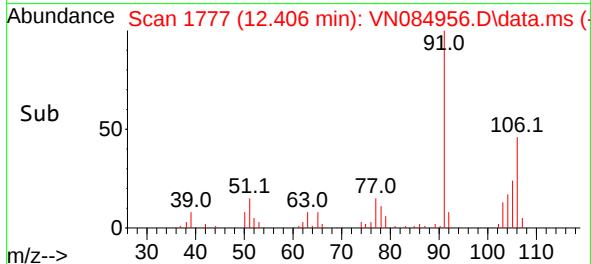
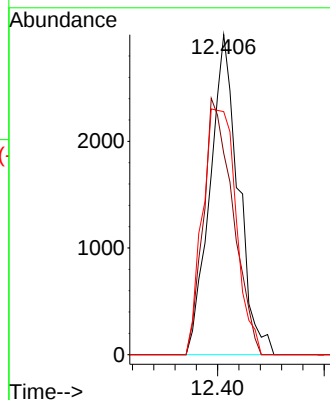
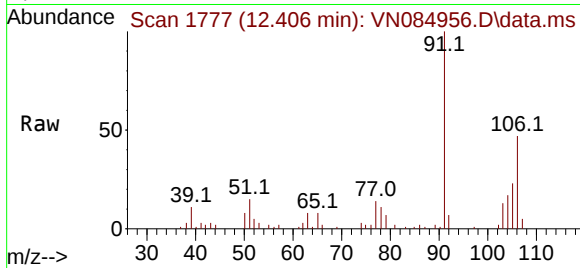
Tgt Ion:104 Resp: 5556

Ion Ratio Lower Upper

104 100

78 83.4 42.7 64.1#

103 90.6 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN084956.D

Acq: 19 Nov 2024 18:52

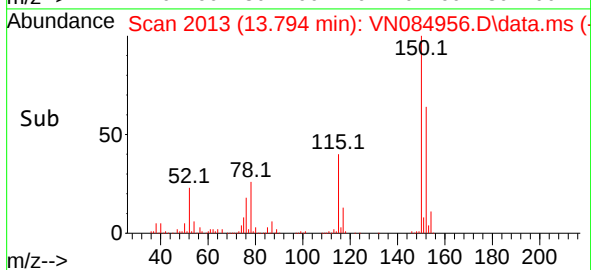
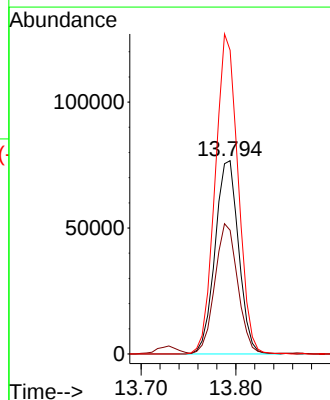
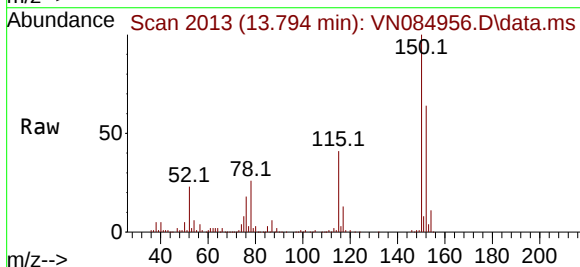
Tgt Ion:152 Resp: 132494

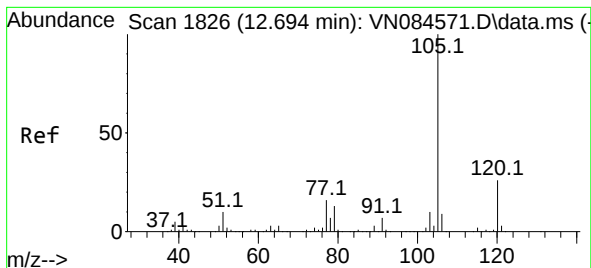
Ion Ratio Lower Upper

152 100

115 65.1 31.3 93.9

150 160.9 0.0 349.8





#73

Isopropylbenzene

Concen: 0.765 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084956.D

Acq: 19 Nov 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :

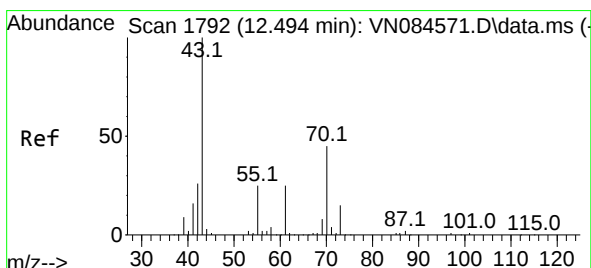
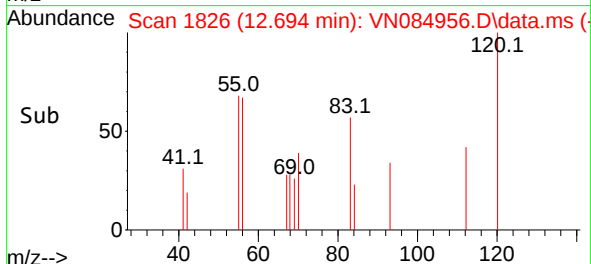
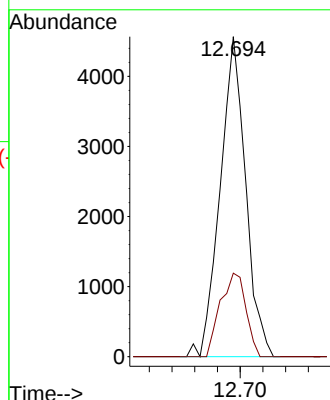
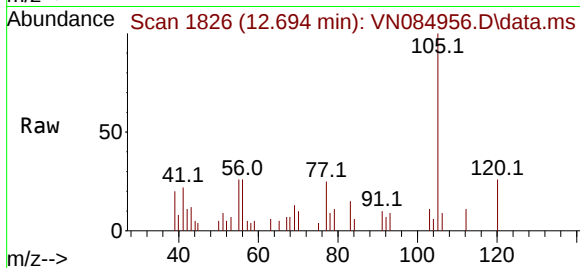
241113075-01-VOA

Tgt Ion:105 Resp: 7103

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.7



#74

N-ethyl acetate

Concen: 0.462 ug/l

RT: 12.459 min Scan# 1786

Delta R.T. -0.035 min

Lab File: VN084956.D

Acq: 19 Nov 2024 18:52

Tgt Ion: 43 Resp: 1827

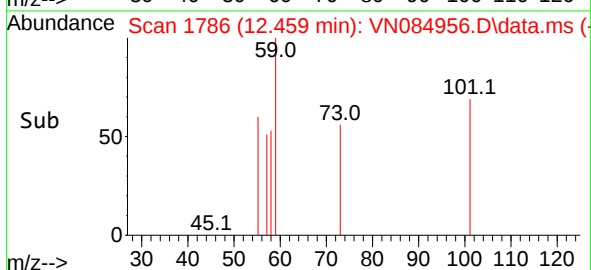
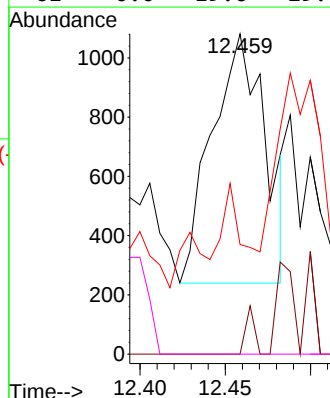
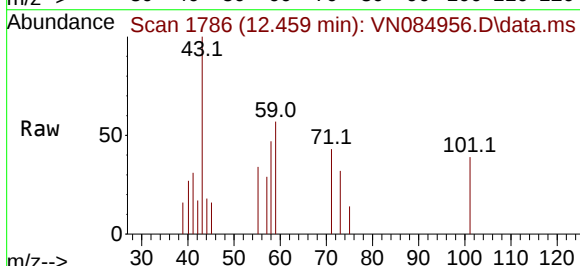
Ion Ratio Lower Upper

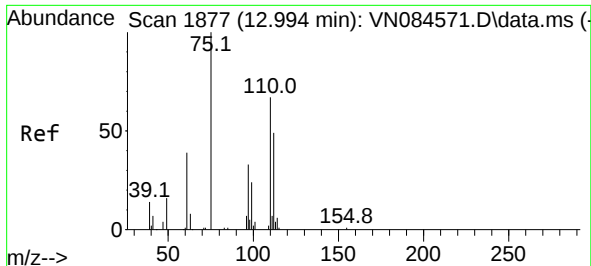
43 100

70 3.1 34.4 51.6#

55 19.7 19.6 29.4

61 0.0 19.6 29.4#

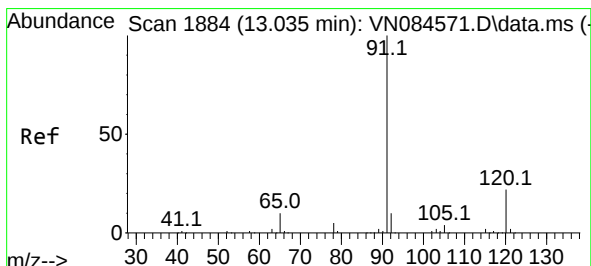
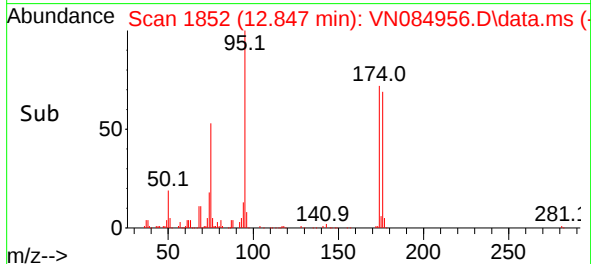
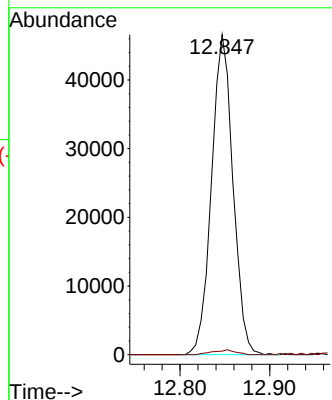
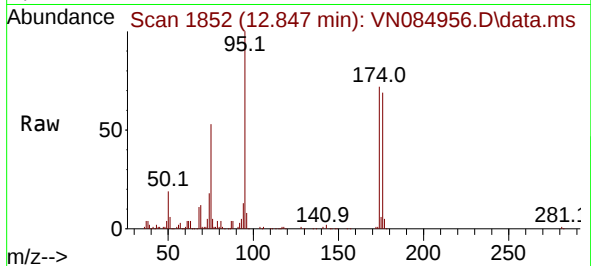




#76
1,2,3-Trichloropropane
Concen: 29.185 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

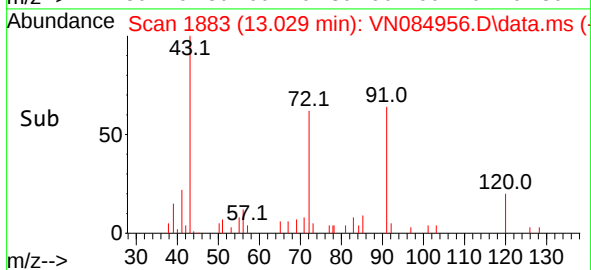
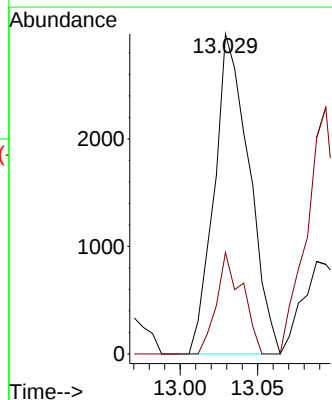
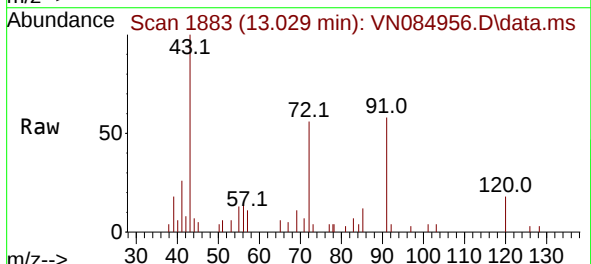
Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

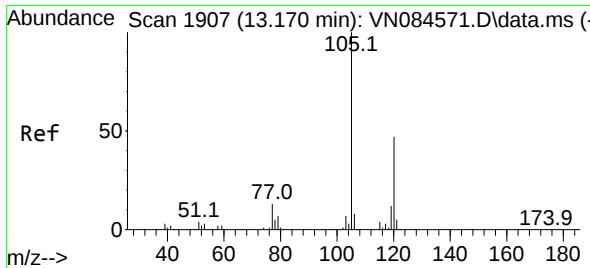
Tgt Ion: 75 Resp: 77295
Ion Ratio Lower Upper
75 100
77 1.6 96.9 290.7#



#78
n-propylbenzene
Concen: 0.427 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

Tgt Ion: 91 Resp: 4647
Ion Ratio Lower Upper
91 100
120 23.5 10.8 32.4

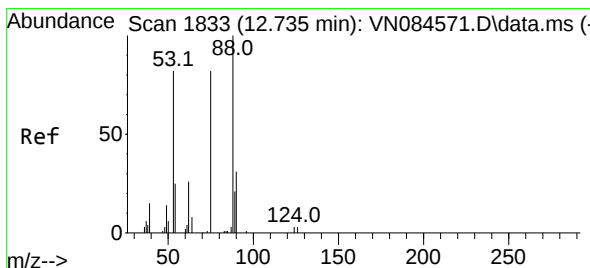
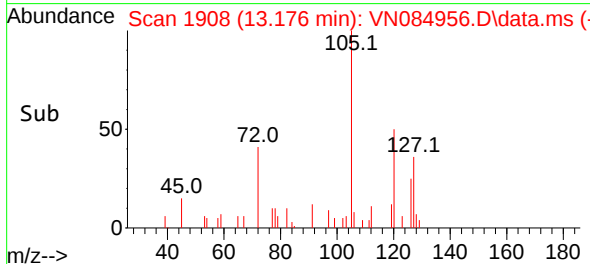
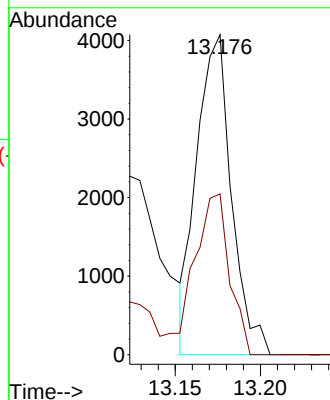
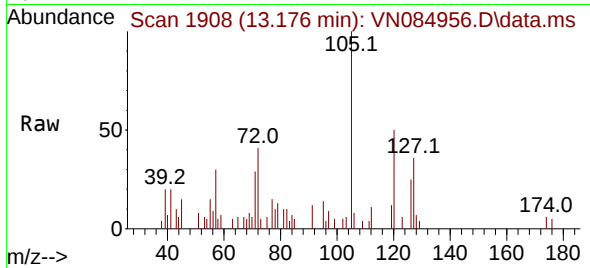




#80
 1,3,5-Trimethylbenzene
 Concen: 0.750 ug/l
 RT: 13.176 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: VN084956.D
 Acq: 19 Nov 2024 18:52

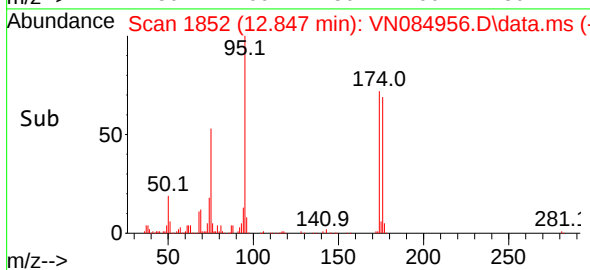
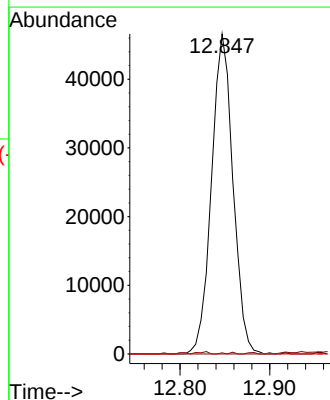
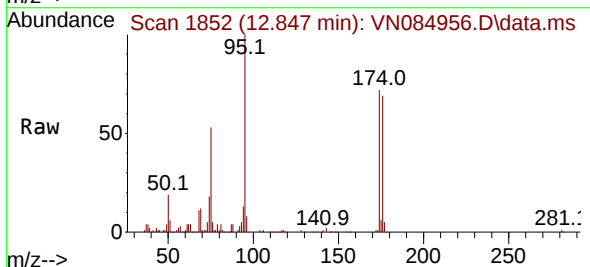
Instrument :
 MSVOA_N
 ClientSampleId :
 241113075-01-VOA

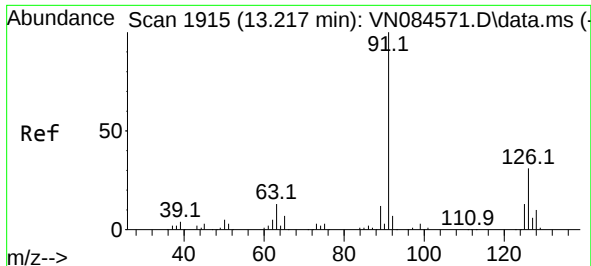
Tgt Ion:105 Resp: 5775
 Ion Ratio Lower Upper
 105 100
 120 52.0 23.7 71.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.237 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN084956.D
 Acq: 19 Nov 2024 18:52

Tgt Ion: 75 Resp: 77295
 Ion Ratio Lower Upper
 75 100
 53 0.2 78.0 117.0#
 89 0.0 35.5 53.3#

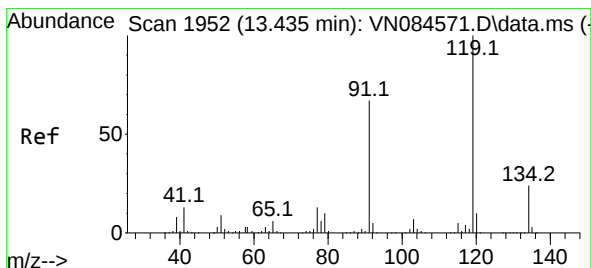
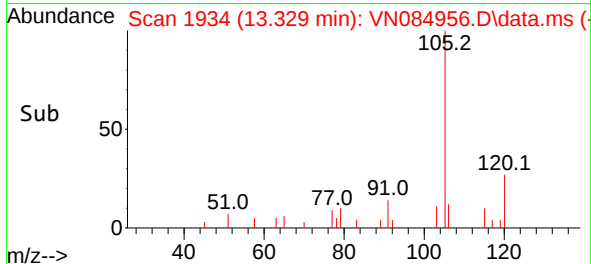
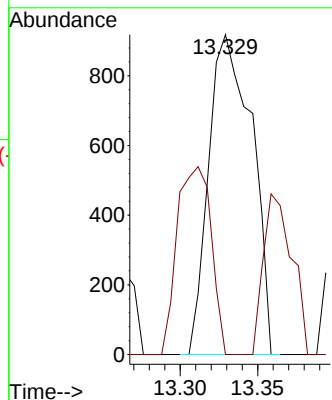
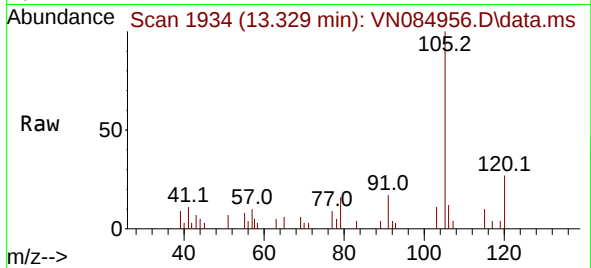




#82
4-Chlorotoluene
Concen: 0.238 ug/l
RT: 13.329 min Scan# 1991
Delta R.T. 0.112 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

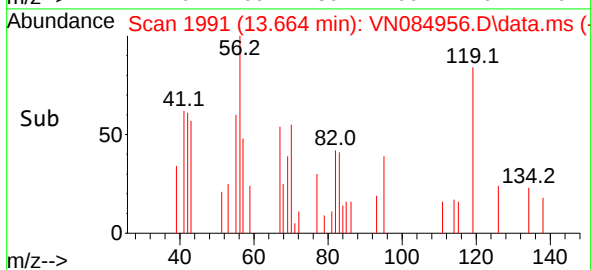
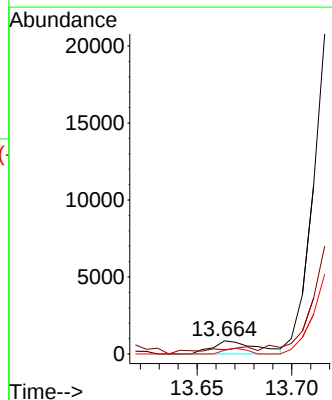
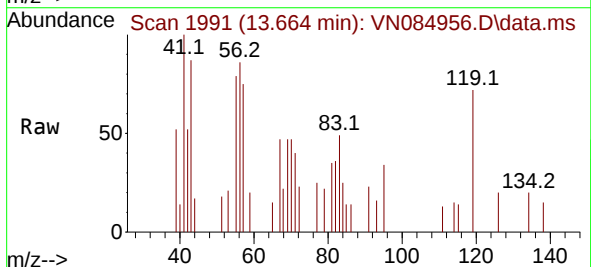
Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

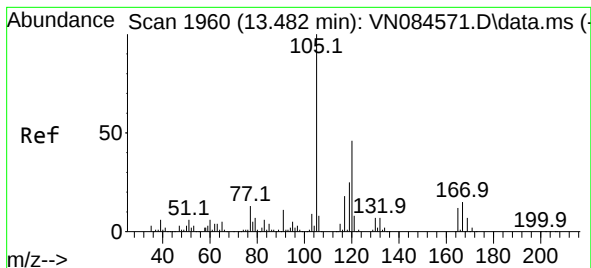
Tgt Ion: 91 Resp: 1777
Ion Ratio Lower Upper
91 100
126 46.3 15.7 47.1



#83
tert-Butylbenzene
Concen: 0.220 ug/l
RT: 13.664 min Scan# 1991
Delta R.T. 0.229 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

Tgt Ion: 119 Resp: 1402
Ion Ratio Lower Upper
119 100
91 58.0 34.1 102.3
134 21.3 12.8 38.4





#84

1,2,4-Trimethylbenzene

Concen: 2.973 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084956.D

Acq: 19 Nov 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :

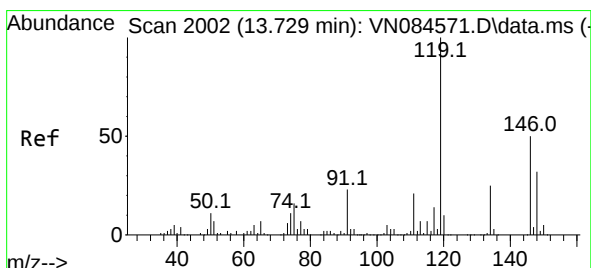
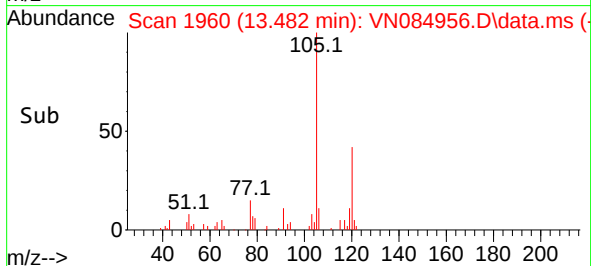
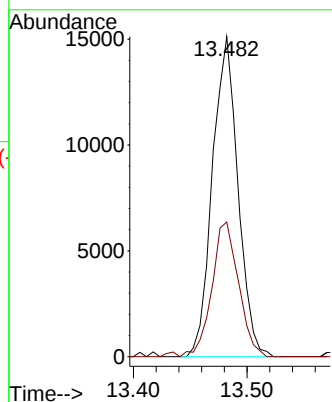
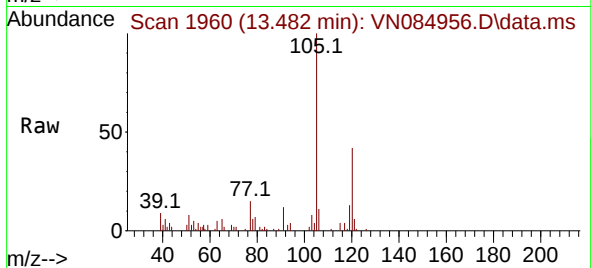
241113075-01-VOA

Tgt Ion:105 Resp: 23609

Ion Ratio Lower Upper

105 100

120 43.9 22.3 66.8



#86

p-Isopropyltoluene

Concen: 7.298 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084956.D

Acq: 19 Nov 2024 18:52

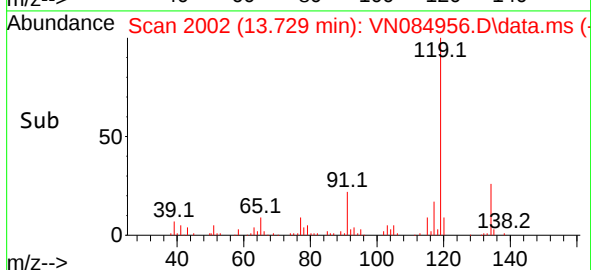
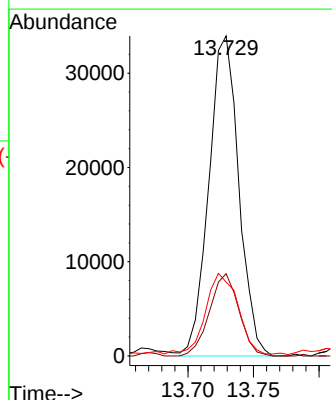
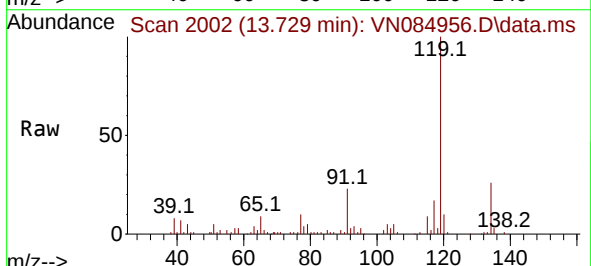
Tgt Ion:119 Resp: 53846

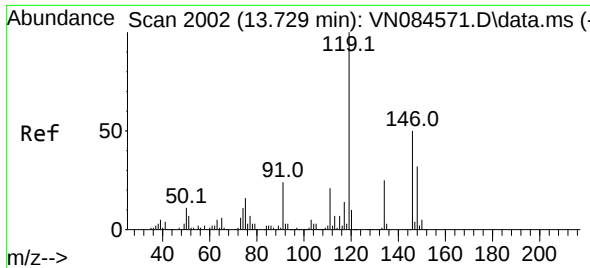
Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

91 27.0 12.4 37.2

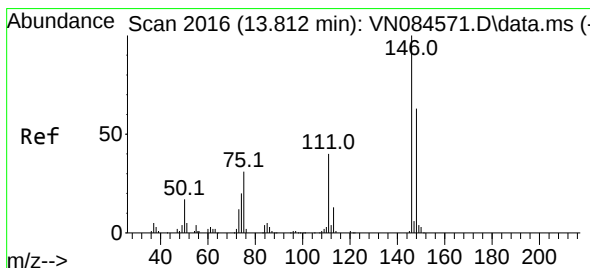
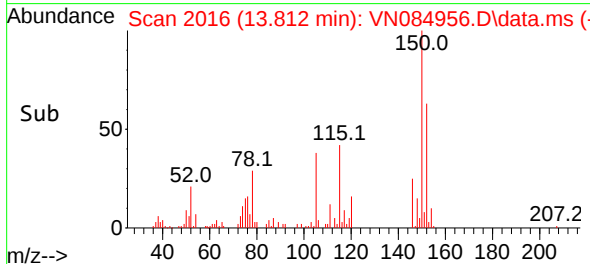
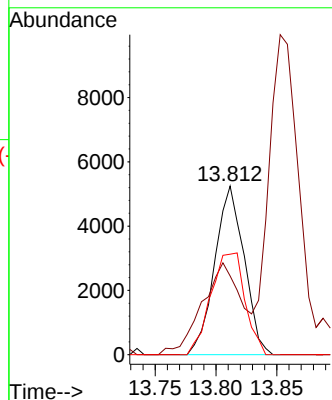
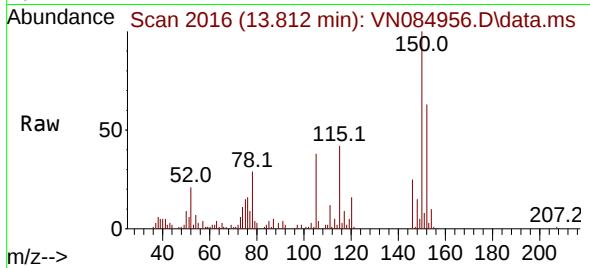




#87
1,3-Dichlorobenzene
Concen: 1.811 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.083 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

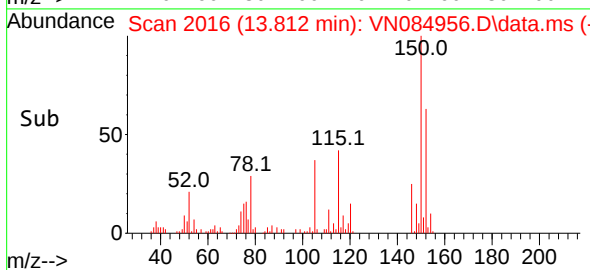
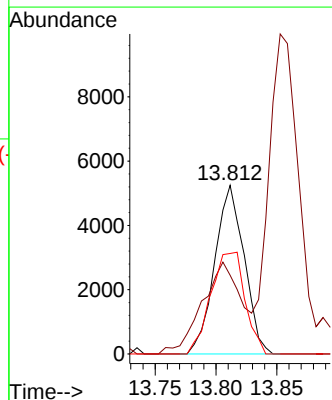
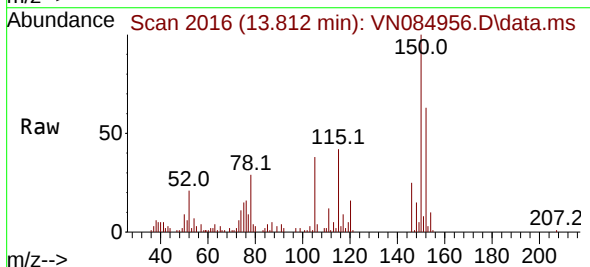
Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

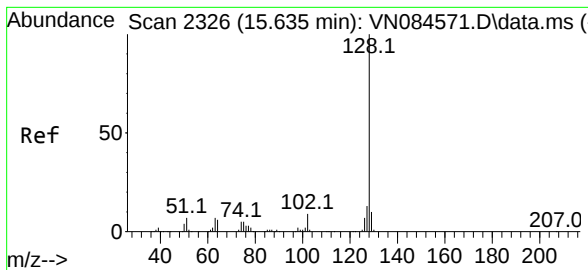
Tgt Ion:146 Resp: 8820
Ion Ratio Lower Upper
146 100
111 72.9 21.8 65.3#
148 70.0 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 1.131 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

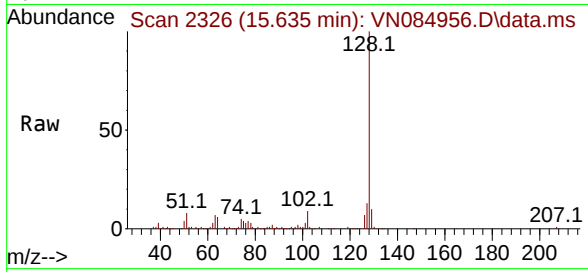
Tgt Ion:146 Resp: 8820
Ion Ratio Lower Upper
146 100
111 72.9 21.2 63.6#
148 70.0 31.9 95.9





#95
Naphthalene
Concen: 18.071 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN084956.D
Acq: 19 Nov 2024 18:52

Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA



Tgt Ion:128 Resp: 138580
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 11.1 8.7 13.1

