

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083970.D
 Acq On : 18 Sep 2024 08:20
 Operator : JC\MD
 Sample : P3964-09
 Misc : 2.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 18 09:07:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	197530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	327831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	137840	46.279	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.560%
35) Dibromofluoromethane	8.159	113	99297	47.313	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.620%
50) Toluene-d8	10.565	98	401653	55.359	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.720%
62) 4-Bromofluorobenzene	12.847	95	152697	51.011	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.020%
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	318	Below Cal	#	41
5) Bromomethane	2.907	94	621	0.430	ug/l	82
11) Tert butyl alcohol	5.489	59	5248	13.158	ug/l #	71
16) Acetone	4.448	43	3464	2.901	ug/l	92
18) Methyl Acetate	5.053	43	794	Below Cal	#	52
20) Methylene Chloride	5.265	84	2957	1.210	ug/l #	89
25) 2-Butanone	7.489	43	1512	0.963	ug/l	95
31) Cyclohexane	8.212	56	8839	2.053	ug/l #	54
36) 1,1-Dichloropropene	8.224	75	17812	5.639	ug/l #	50
37) Ethyl Acetate	7.489	43	1512	0.527	ug/l #	68
38) Carbon Tetrachloride	8.212	117	23172	6.466	ug/l #	17
39) Methylcyclohexane	9.594	83	8684	2.415	ug/l #	74
43) Isopropyl Acetate	8.694	43	1295	0.249	ug/l #	57
47) Bromodichloromethane	9.877	83	2993	0.859	ug/l #	24
48) Methyl methacrylate	9.641	41	11132	4.516	ug/l #	48
51) 4-Methyl-2-Pentanone	10.494	43	31683	11.202	ug/l #	79
52) Toluene	10.630	92	48602	8.357	ug/l	98
55) 1,1,2-Trichloroethane	11.006	97	4294	1.978	ug/l #	1
56) Ethyl methacrylate	10.918	69	2326	0.696	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.141	63	562	0.467	ug/l #	46
59) 2-Hexanone	11.171	43	14527	6.943	ug/l #	31
67) Ethyl Benzene	11.959	91	430339	38.372	ug/l	98
68) m/p-Xylenes	12.065	106	750424	180.229	ug/l	99
69) o-Xylene	12.394	106	343619	85.249	ug/l	99
70) Styrene	12.394	104	17879	2.703	ug/l #	1
73) Isopropylbenzene	12.694	105	363708	34.025	ug/l	99
74) N-amyl acetate	12.477	43	22786	4.996	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.918	83	3272	1.042	ug/l #	1
76) 1,2,3-Trichloropropane	13.029	75	6326	2.269	ug/l #	1
78) n-propylbenzene	13.035	91	868977	69.869	ug/l	100
79) 2-Chlorotoluene	13.094	91	279572	35.247	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.171	105	1024114	113.637	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.694	75	5155	4.843	ug/l #	68
82) 4-Chlorotoluene	13.171	91	117134	14.716	ug/l #	46
83) tert-Butylbenzene	13.482	119	436607	55.374	ug/l #	61
84) 1,2,4-Trimethylbenzene	13.482	105	3757099	415.020	ug/l	99

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Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 18 09:07:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

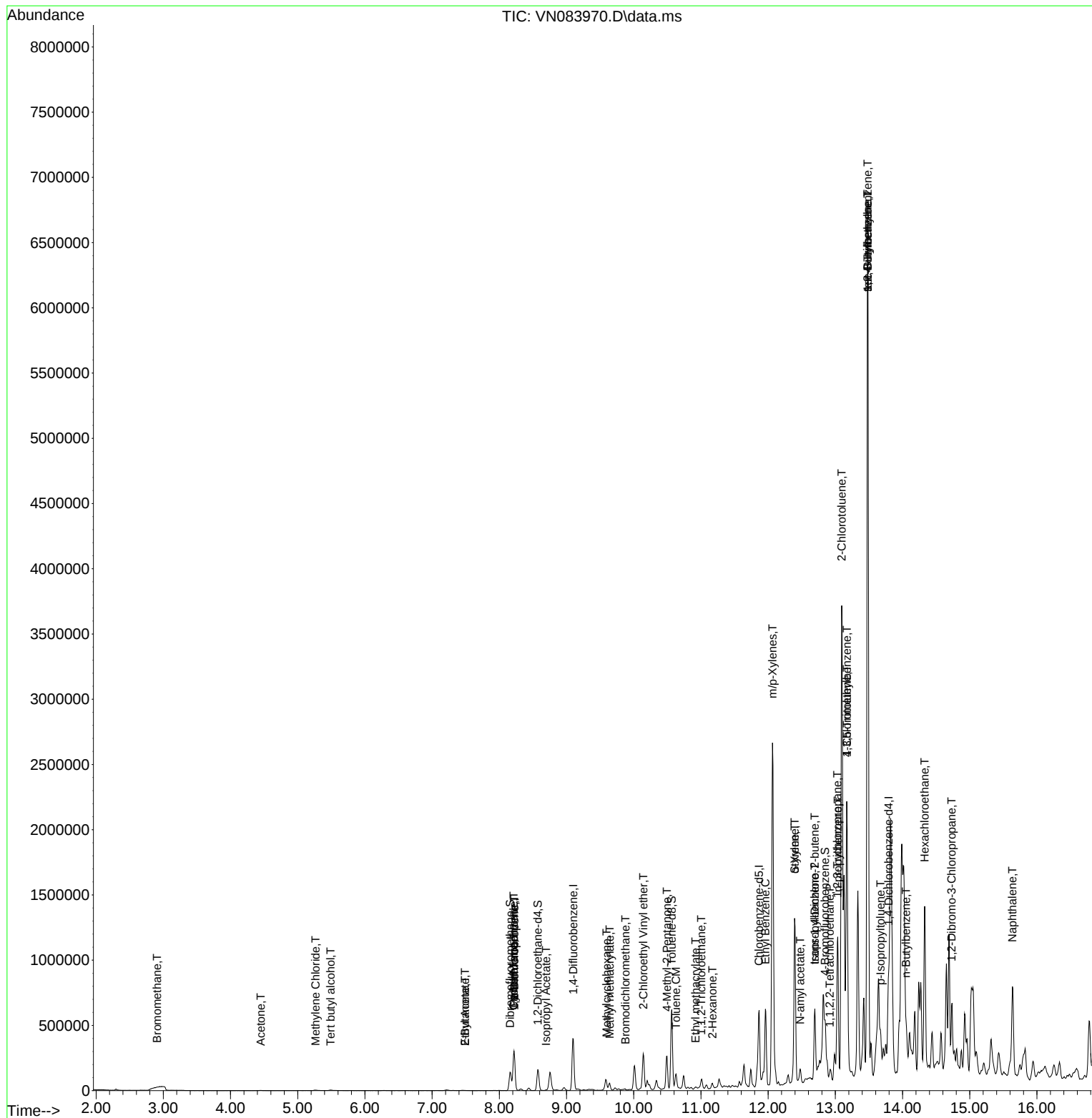
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.482	105	3757099	359.296	ug/l #	57
86) p-Isopropyltoluene	13.671	119	108267	12.351	ug/l	96
89) n-Butylbenzene	14.053	91	142757	18.139	ug/l #	74
90) Hexachloroethane	14.329	117	59047	33.510	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.729	75	546	0.872	ug/l	60
95) Naphthalene	15.635	128	608234	79.496	ug/l	98

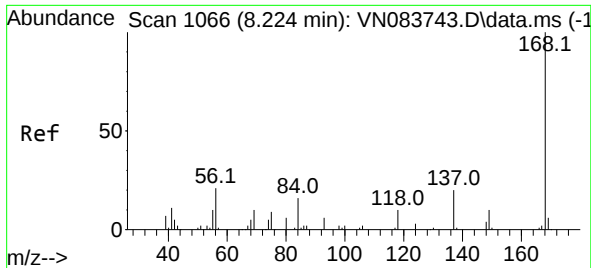
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 18 09:07:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

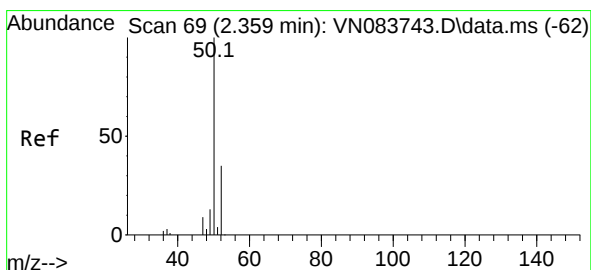
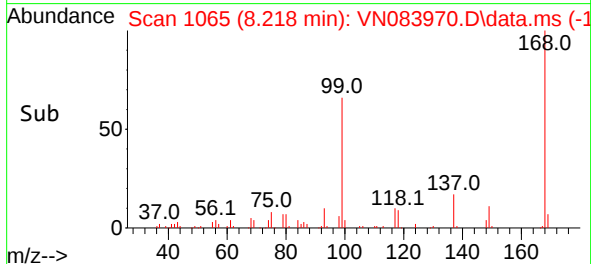
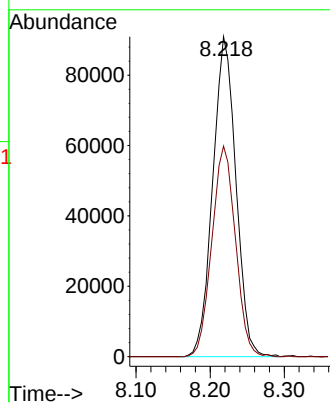
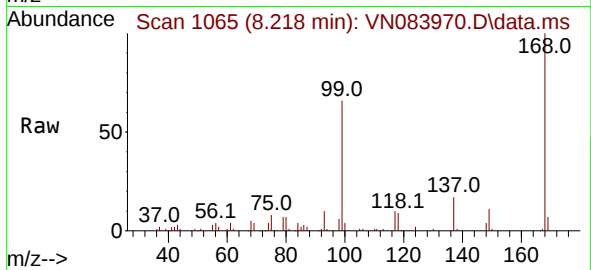




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

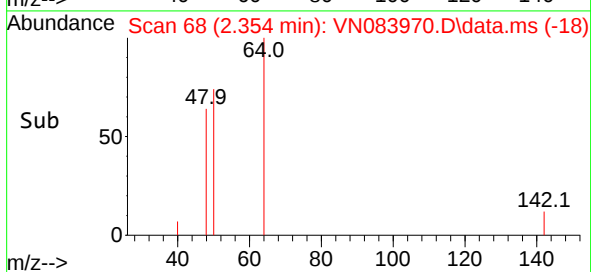
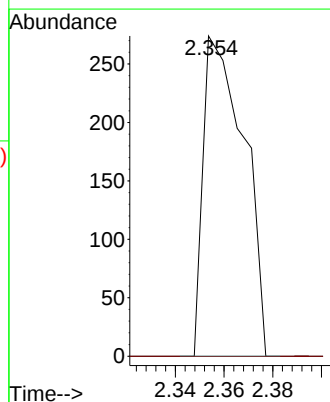
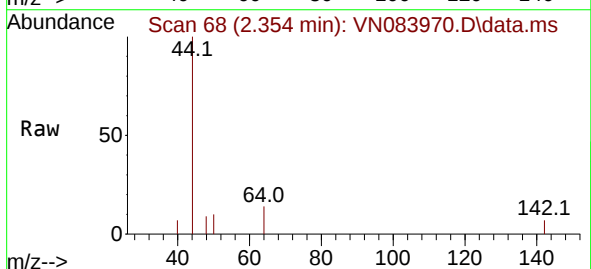
Instrument :
MSVOA_N
ClientSampleId :

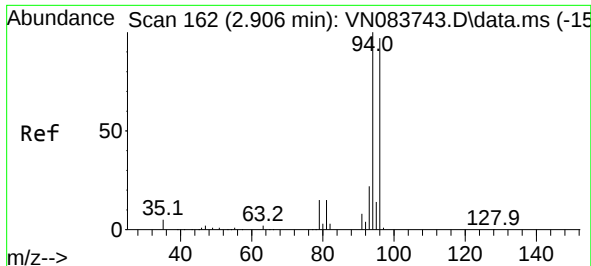
Tgt Ion:168 Resp: 197530
Ion Ratio Lower Upper
168 100
99 65.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.354 min Scan# 68
Delta R.T. -0.005 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

Tgt Ion: 50 Resp: 318
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

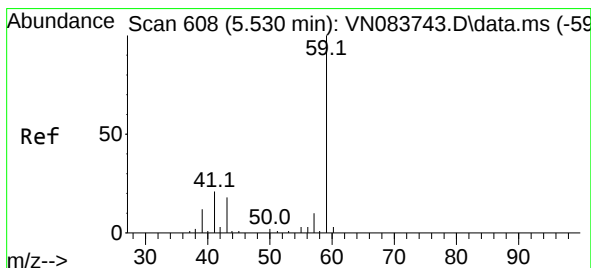
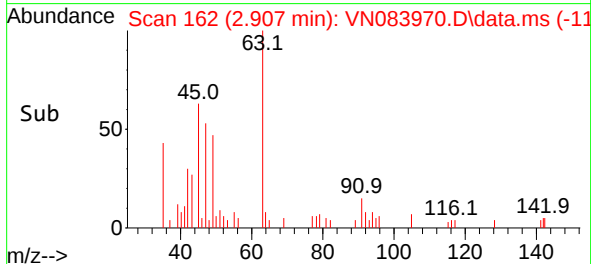
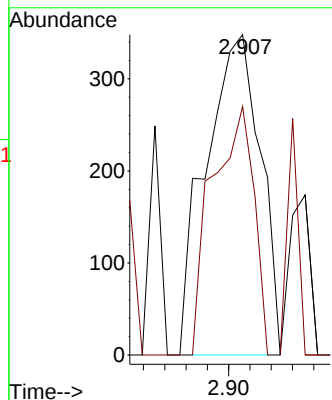
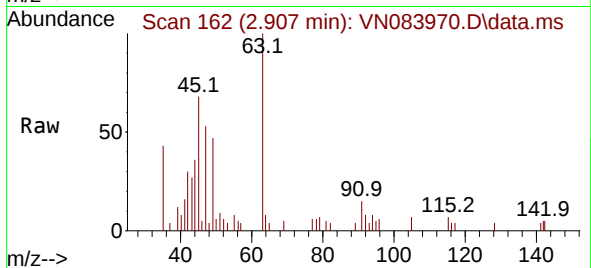




#5
Bromomethane
Concen: 0.430 ug/l
RT: 2.907 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

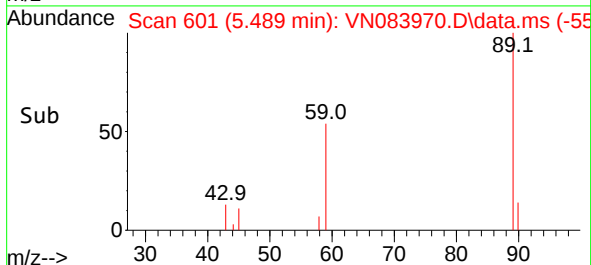
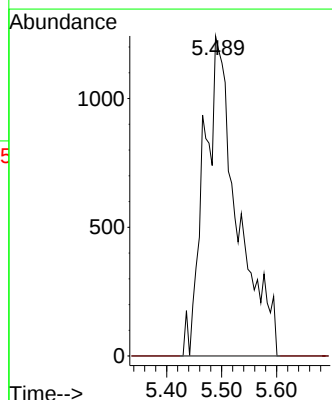
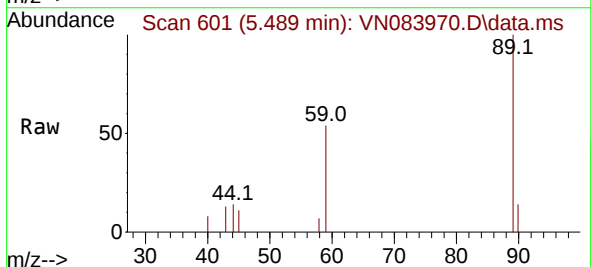
Instrument :
MSVOA_N
ClientSampleId :

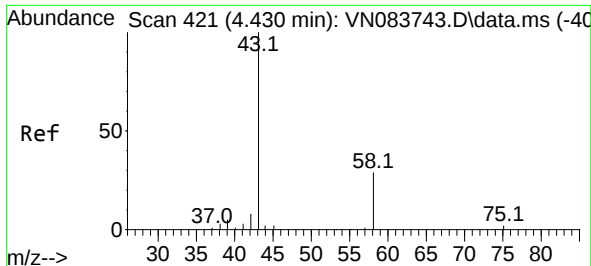
Tgt Ion: 94 Resp: 621
Ion Ratio Lower Upper
94 100
96 77.6 76.0 114.0



#11
Tert butyl alcohol
Concen: 13.158 ug/l
RT: 5.489 min Scan# 601
Delta R.T. -0.041 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

Tgt Ion: 59 Resp: 5248
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

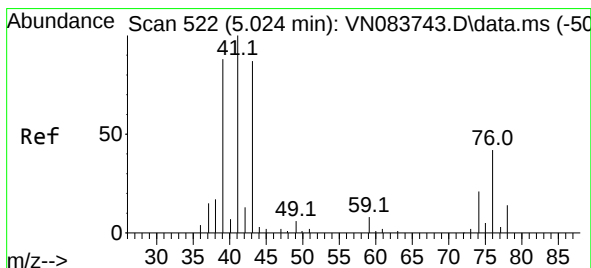
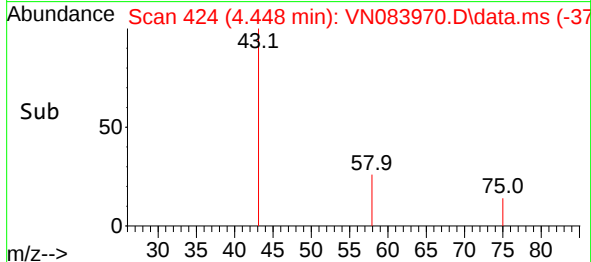
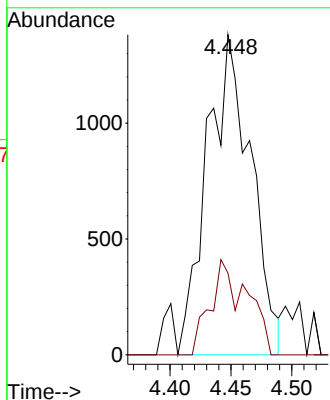
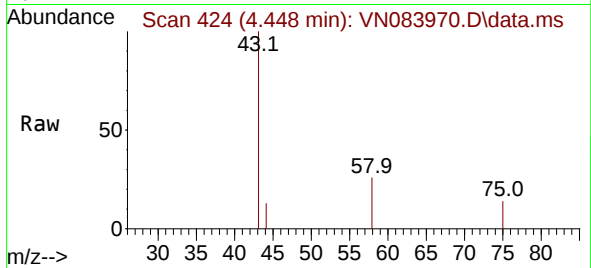




#16
Acetone
Concen: 2.901 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

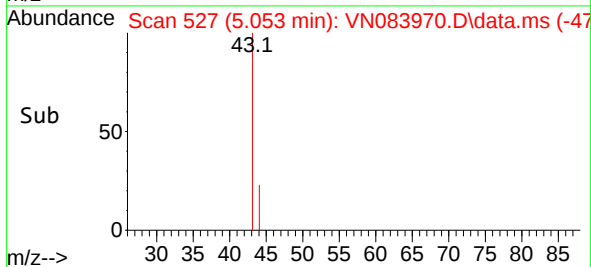
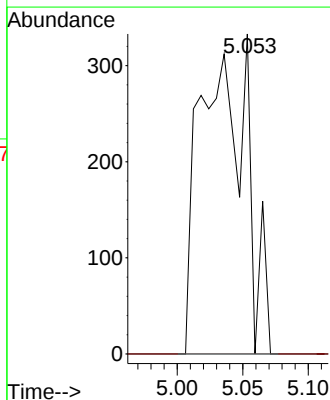
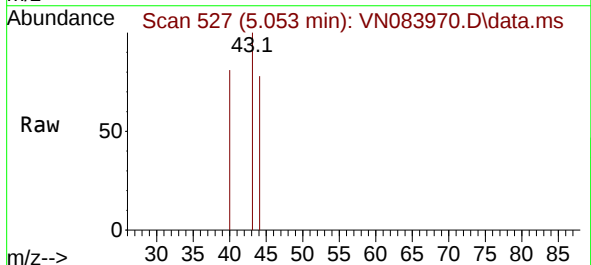
Instrument :
MSVOA_N
ClientSampleId :

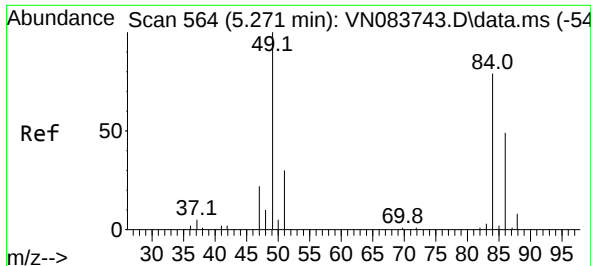
Tgt Ion: 43 Resp: 3464
Ion Ratio Lower Upper
43 100
58 25.5 23.7 35.5



#18
Methyl Acetate
Concen: Below Cal
RT: 5.053 min Scan# 527
Delta R.T. 0.029 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

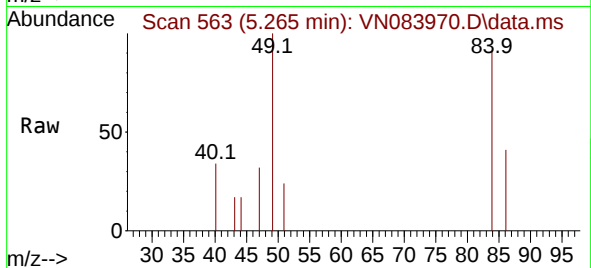
Tgt Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



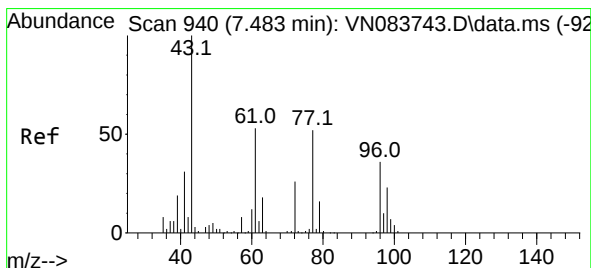
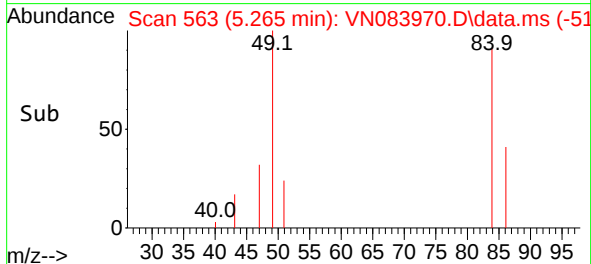
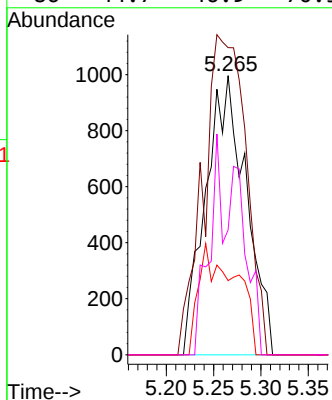


#20
Methylene Chloride
Concen: 1.210 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

Instrument :
MSVOA_N
ClientSampleId :

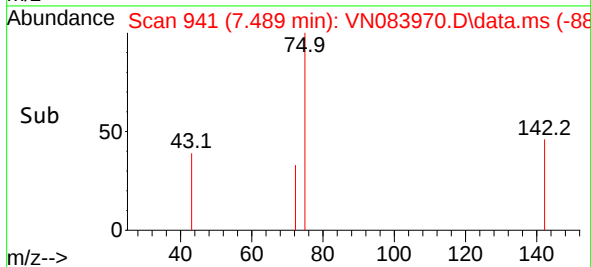
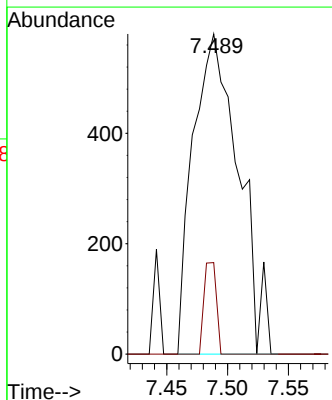
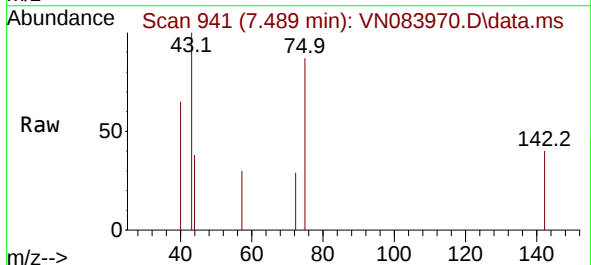


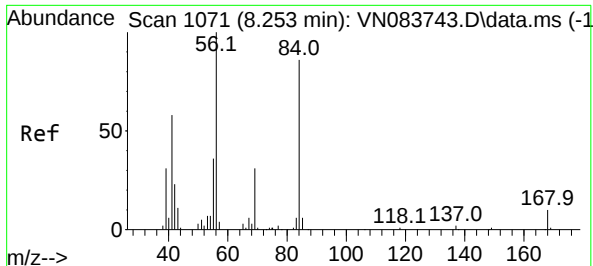
Tgt Ion:	84	Resp:	2957
Ion	Ratio	Lower	Upper
84	100		
49	110.0	93.4	140.0
51	26.6	29.2	43.8#
86	44.7	46.9	70.3#



#25
2-Butanone
Concen: 0.963 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

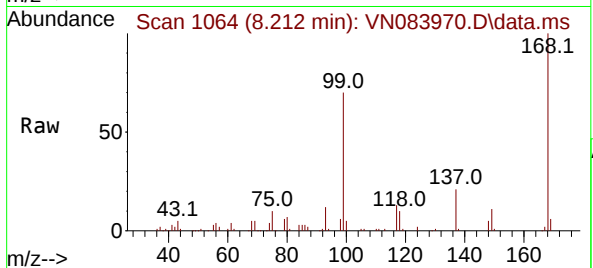
Tgt Ion:	43	Resp:	1512
Ion	Ratio	Lower	Upper
43	100		
72	28.6	20.8	31.2



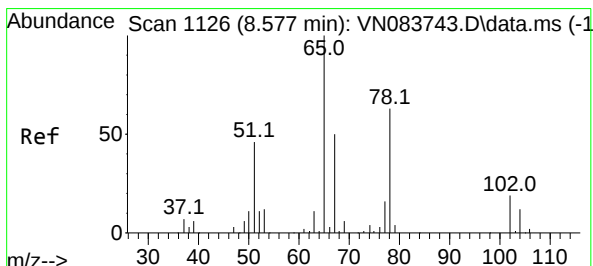
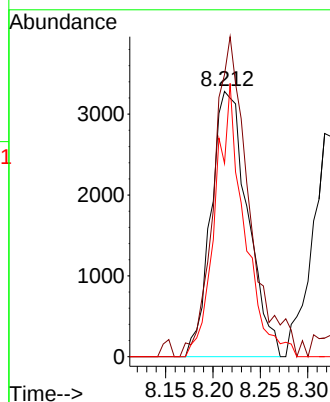
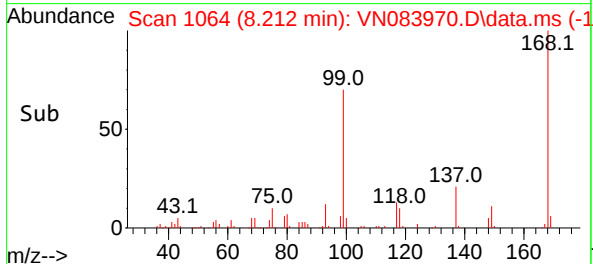


#31
Cyclohexane
Concen: 2.053 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

Instrument :
MSVOA_N
ClientSampleId :

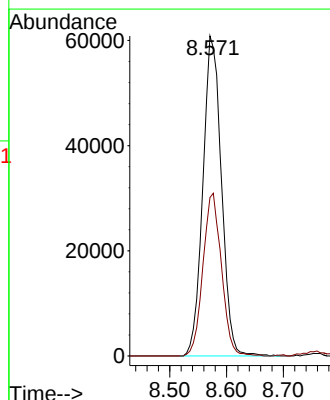
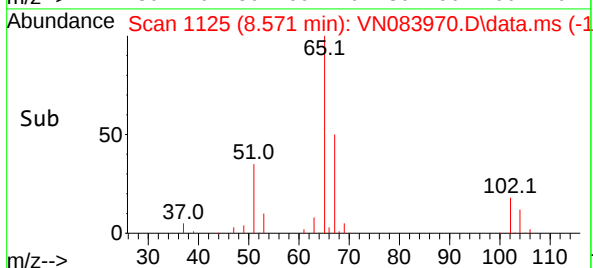
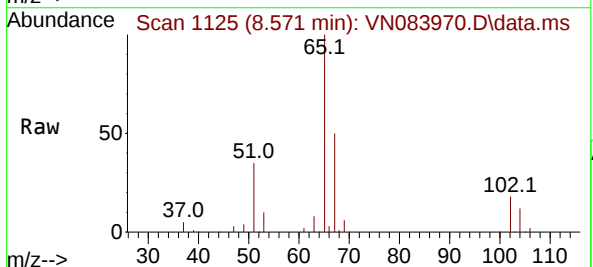


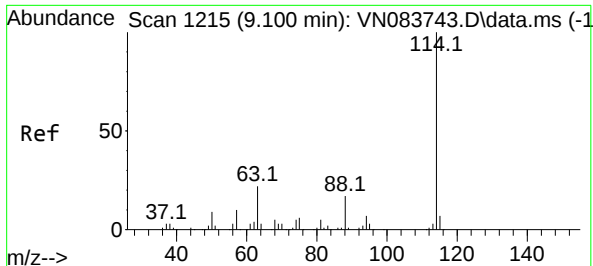
Tgt Ion: 56 Resp: 8839
Ion Ratio Lower Upper
56 100
69 106.3 26.9 40.3#
84 72.9 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 46.279 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

Tgt Ion: 65 Resp: 137840
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083970.D

Acq: 18 Sep 2024 08:20

Instrument :

MSVOA_N

ClientSampleId :

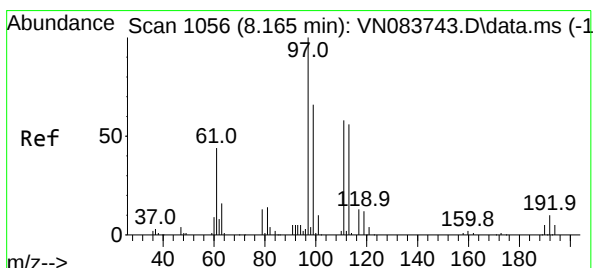
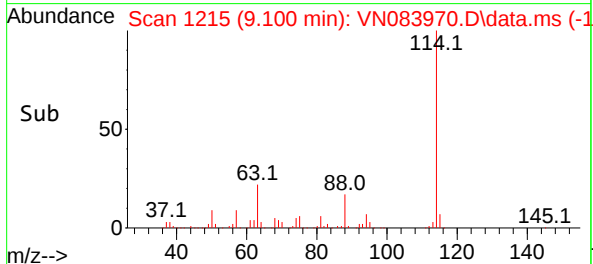
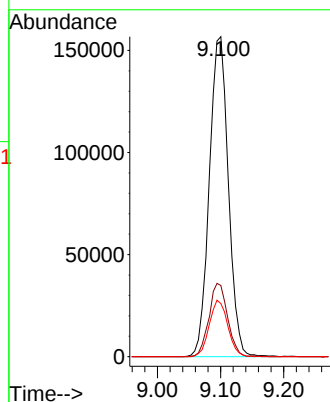
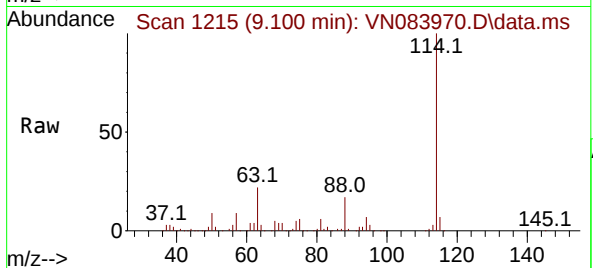
Tgt Ion:114 Resp: 327831

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

88 16.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.313 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN083970.D

Acq: 18 Sep 2024 08:20

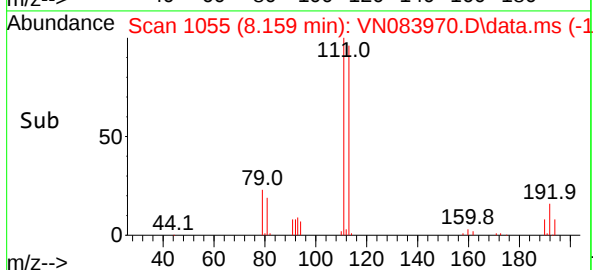
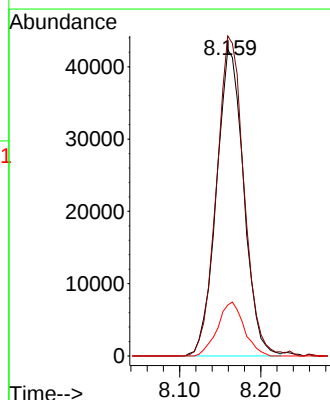
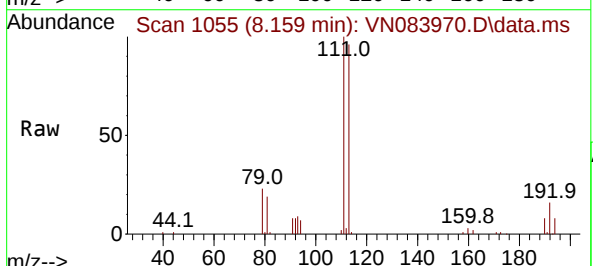
Tgt Ion:113 Resp: 99297

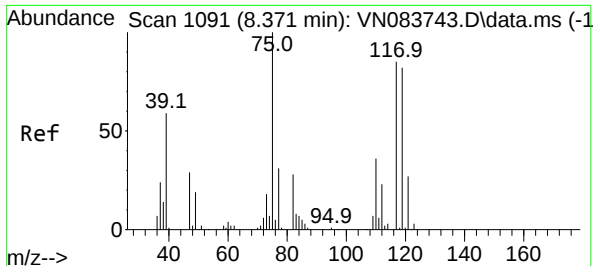
Ion Ratio Lower Upper

113 100

111 104.7 82.6 124.0

192 17.0 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.639 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

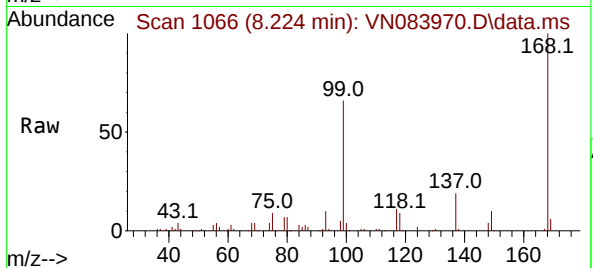
Lab File: VN083970.D

Acq: 18 Sep 2024 08:20

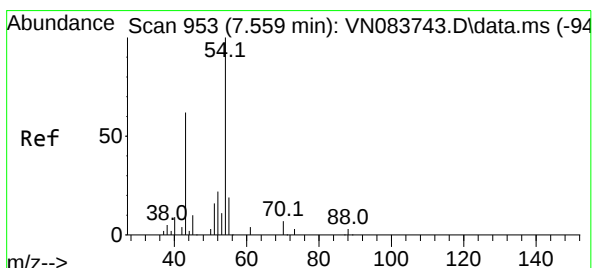
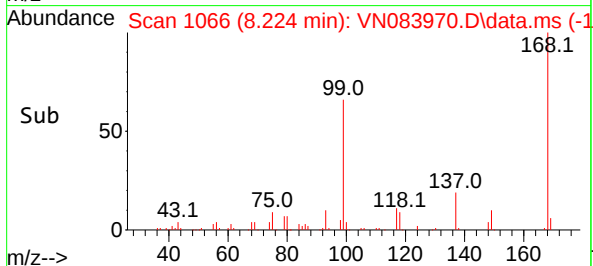
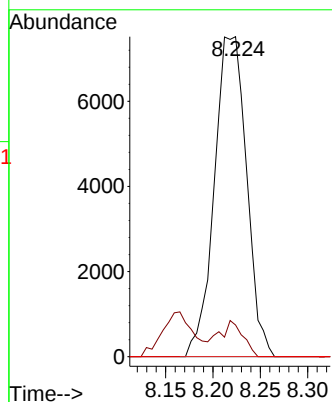
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	17812
Ion Ratio	Lower	Upper	
75	100		
110	8.3	16.7	50.1#
77	0.0	25.2	37.8#



#37

Ethyl Acetate

Concen: 0.527 ug/l

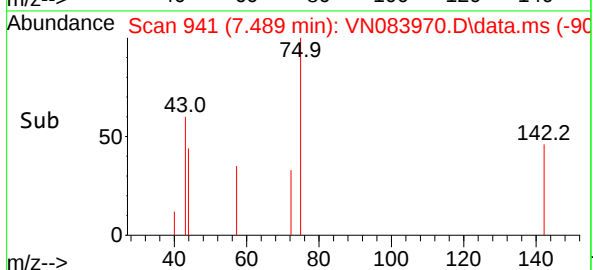
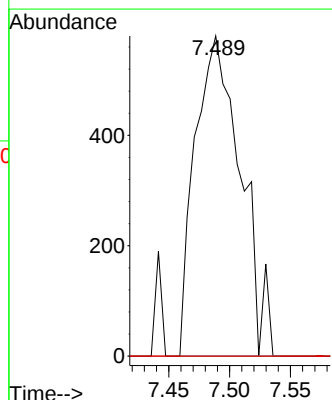
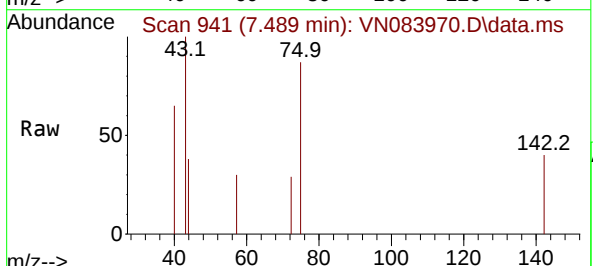
RT: 7.489 min Scan# 941

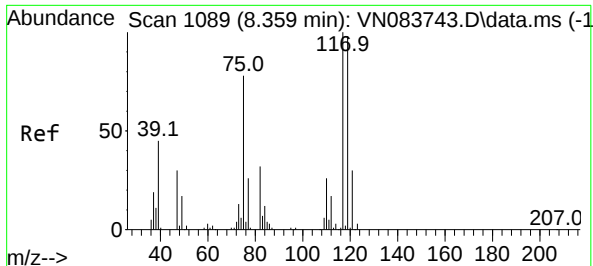
Delta R.T. -0.070 min

Lab File: VN083970.D

Acq: 18 Sep 2024 08:20

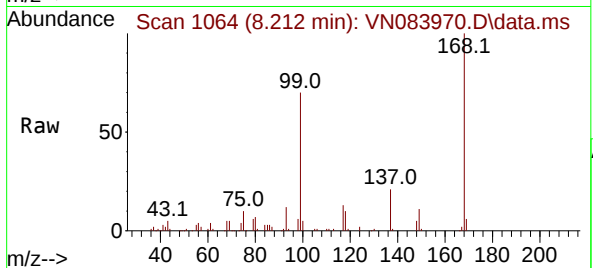
Tgt Ion:	43	Resp:	1512
Ion Ratio	Lower	Upper	
43	100		
61	0.0	11.1	16.7#
70	0.0	8.8	13.2#



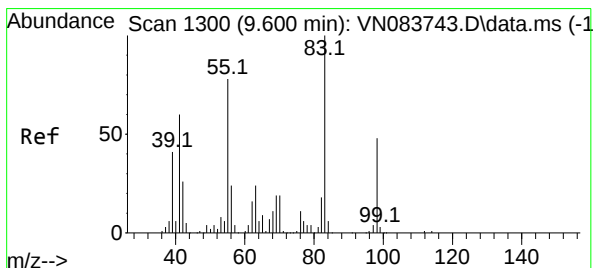
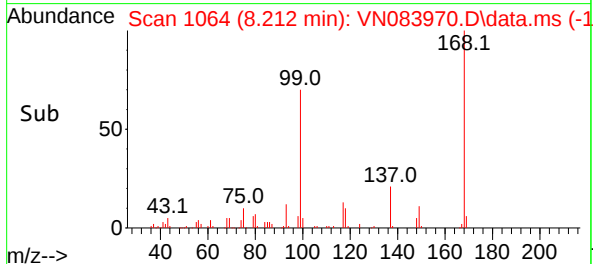
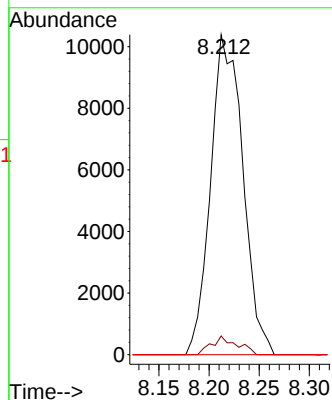


#38
Carbon Tetrachloride
Concen: 6.466 ug/l
RT: 8.212 min Scan# 117
Delta R.T. -0.147 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

Instrument :
MSVOA_N
ClientSampleId :

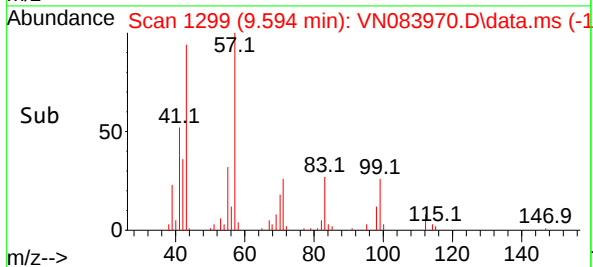
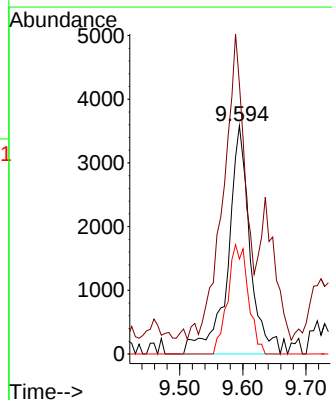
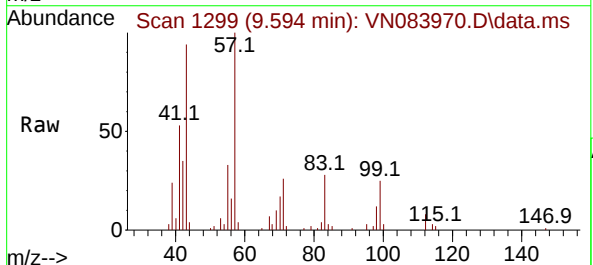


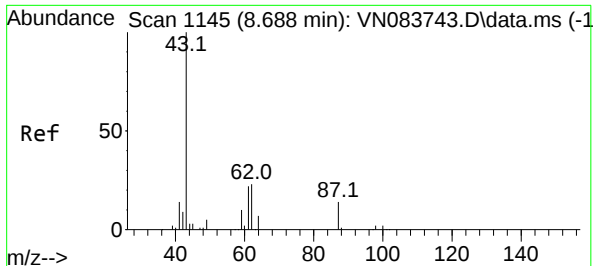
Tgt Ion:117 Resp: 23172
Ion Ratio Lower Upper
117 100
119 5.9 76.1 114.1#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 2.415 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

Tgt Ion: 83 Resp: 8684
Ion Ratio Lower Upper
83 100
55 109.2 62.2 93.4#
98 41.6 37.6 56.4





#43

Isopropyl Acetate

Concen: 0.249 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN083970.D

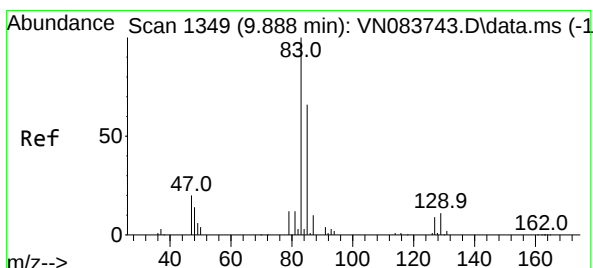
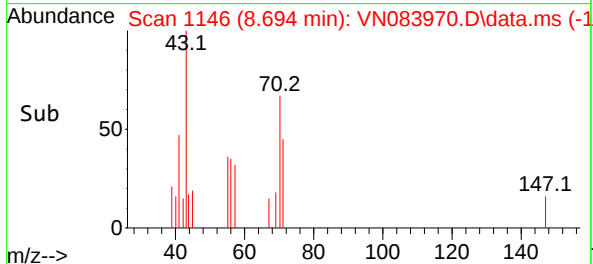
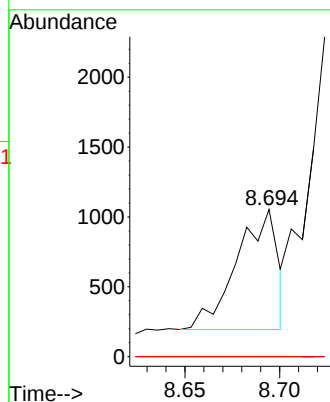
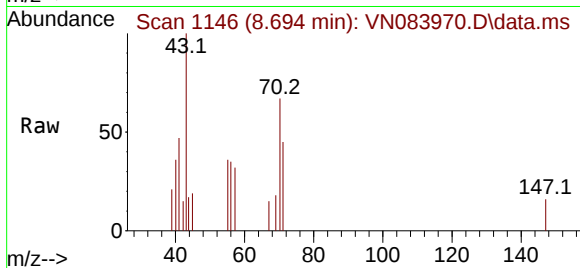
Acq: 18 Sep 2024 08:20

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp:	1295
Ion	Ratio	Lower Upper
43	100	
61	0.0	19.4 29.0#
87	0.0	9.8 14.6#



#47

Bromodichloromethane

Concen: 0.859 ug/l

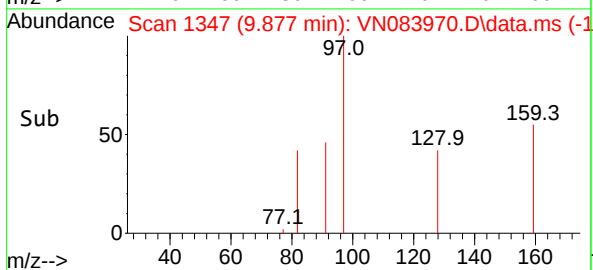
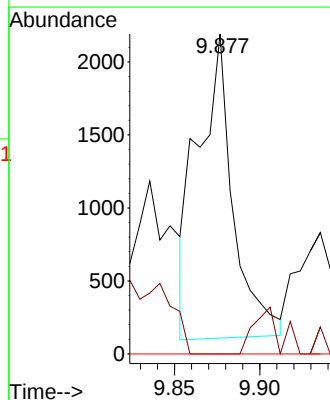
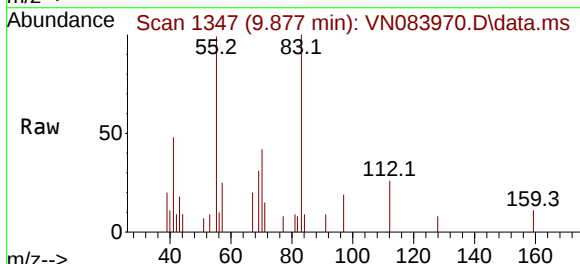
RT: 9.877 min Scan# 1347

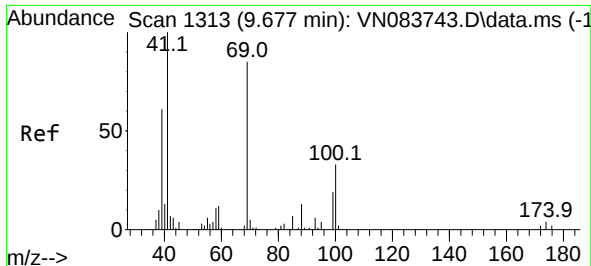
Delta R.T. -0.012 min

Lab File: VN083970.D

Acq: 18 Sep 2024 08:20

Tgt Ion: 83	Resp:	2993
Ion	Ratio	Lower Upper
83	100	
85	0.0	51.8 77.8#
127	0.0	6.6 9.8#





#48

Methyl methacrylate

Concen: 4.516 ug/l

RT: 9.641 min Scan# 11

Delta R.T. -0.035 min

Lab File: VN083970.D

Acq: 18 Sep 2024 08:20

Instrument :

MSVOA_N

ClientSampleId :

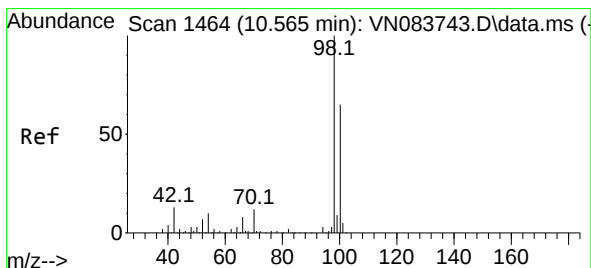
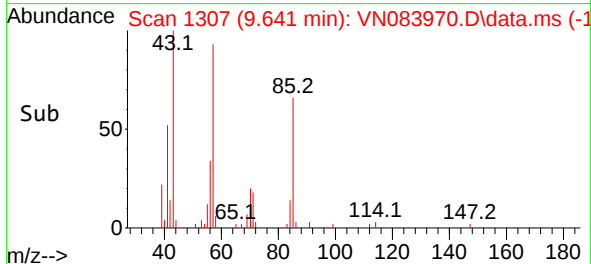
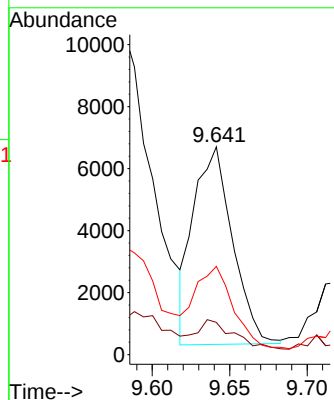
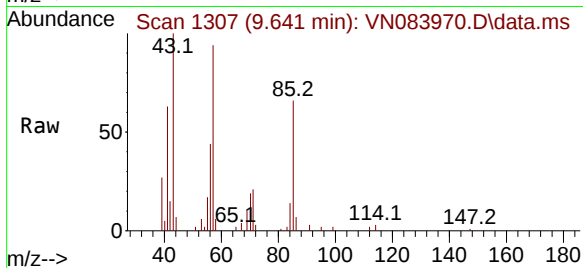
Tgt Ion: 41 Resp: 11132

Ion Ratio Lower Upper

41 100

69 16.3 64.3 96.5#

39 42.0 48.9 73.3#



#50

Toluene-d8

Concen: 55.359 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083970.D

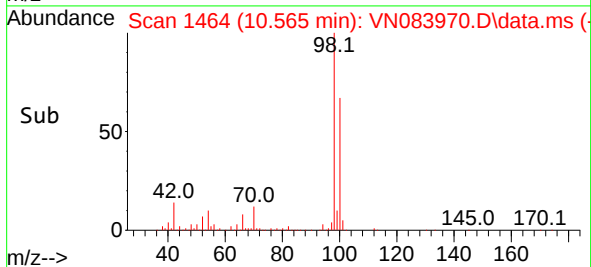
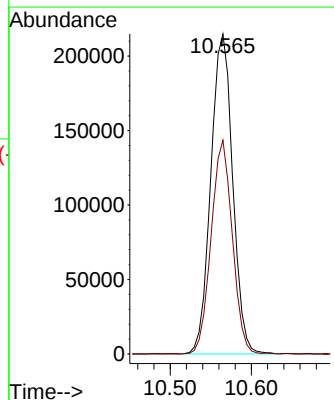
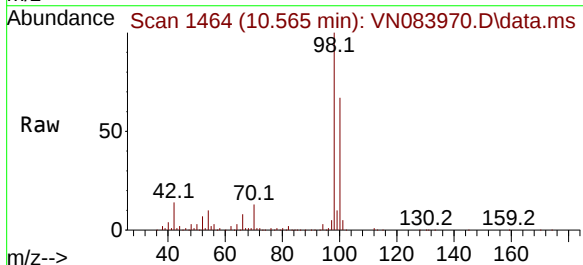
Acq: 18 Sep 2024 08:20

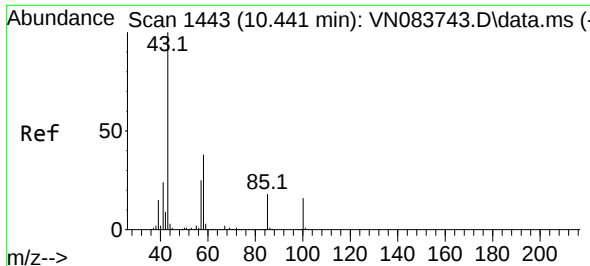
Tgt Ion: 98 Resp: 401653

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

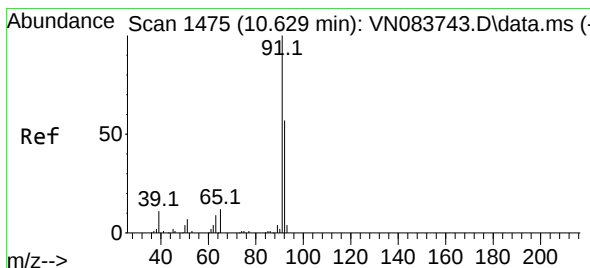
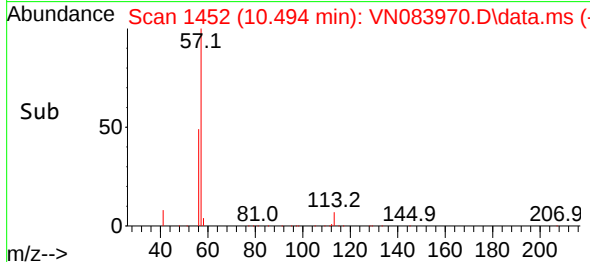
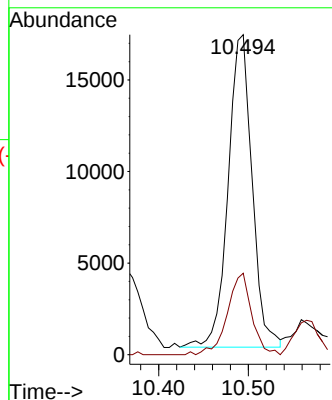
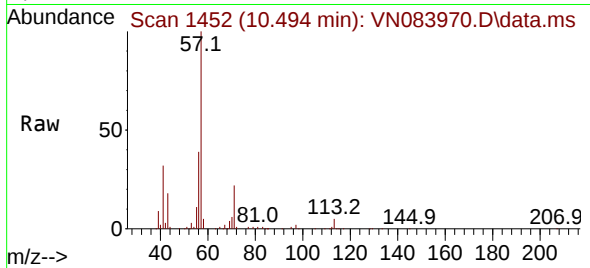




#51
4-Methyl-2-Pentanone
Concen: 11.202 ug/l
RT: 10.494 min Scan# 1443
Delta R.T. 0.053 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

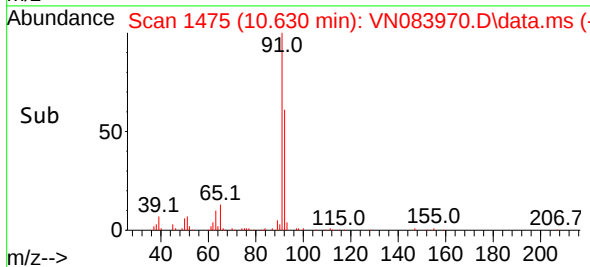
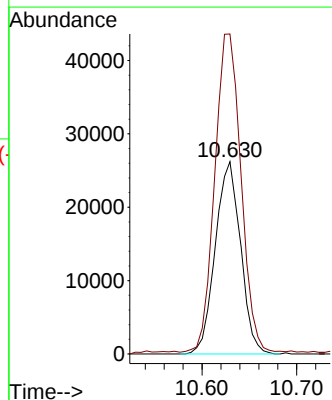
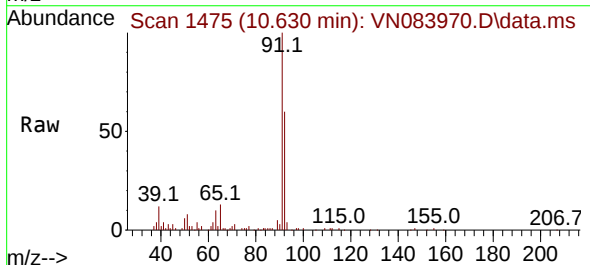
Instrument :
MSVOA_N
ClientSampleId :

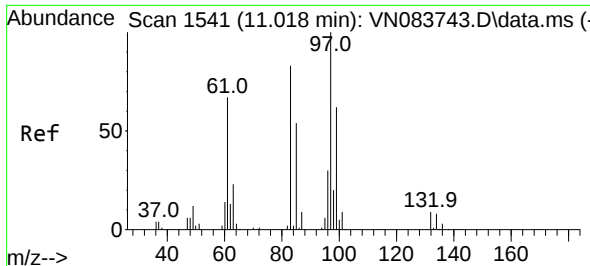
Tgt Ion: 43 Resp: 31683
Ion Ratio Lower Upper
43 100
58 26.4 31.6 47.4#



#52
Toluene
Concen: 8.357 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

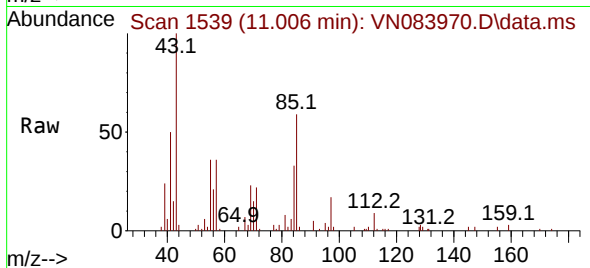
Tgt Ion: 92 Resp: 48602
Ion Ratio Lower Upper
92 100
91 171.6 134.7 202.1



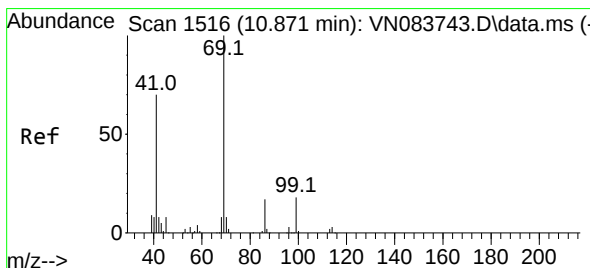
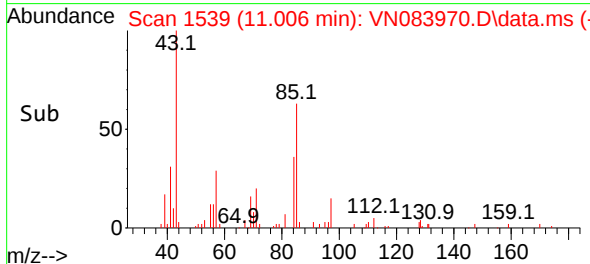
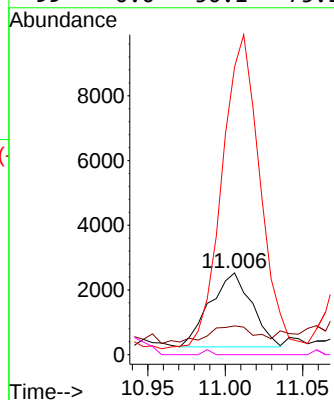


#55
1,1,2-Trichloroethane
Concen: 1.978 ug/l
RT: 11.006 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

Instrument :
MSVOA_N
ClientSampleId :

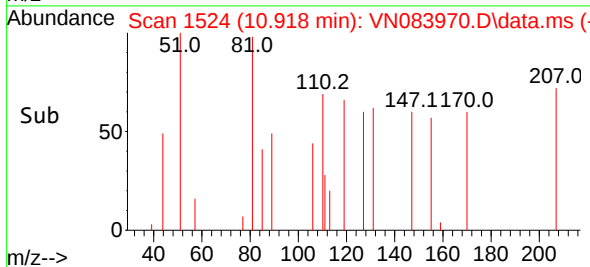
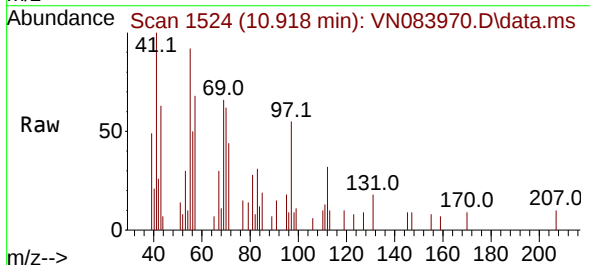
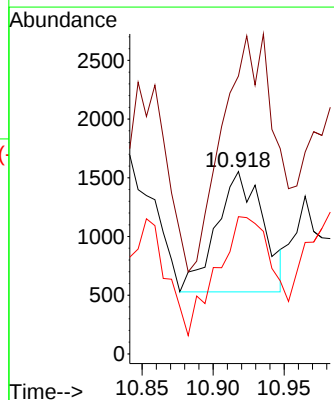


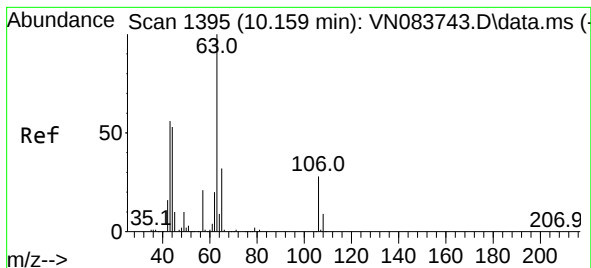
Tgt Ion:	97	Resp:	4294
Ion Ratio	100	Lower	Upper
97	100		
83	21.8	67.5	101.3#
85	377.4	44.2	66.2#
99	0.0	50.1	75.1#



#56
Ethyl methacrylate
Concen: 0.696 ug/l
RT: 10.918 min Scan# 1524
Delta R.T. 0.047 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

Tgt Ion:	69	Resp:	2326
Ion Ratio	100	Lower	Upper
69	100		
41	219.6	53.9	80.9#
39	116.3	32.6	48.8#

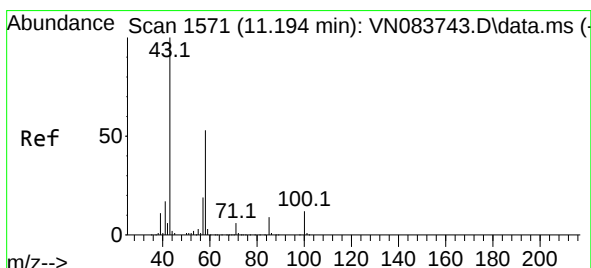
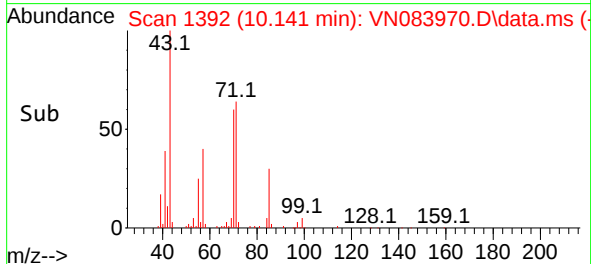
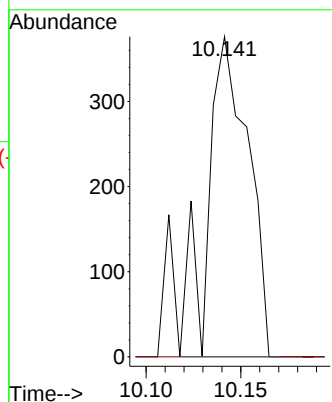
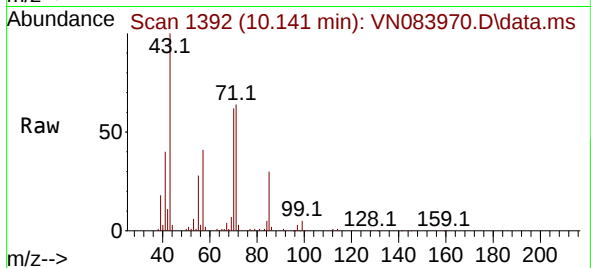




#58
2-Chloroethyl Vinyl ether
Concen: 0.467 ug/l
RT: 10.141 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

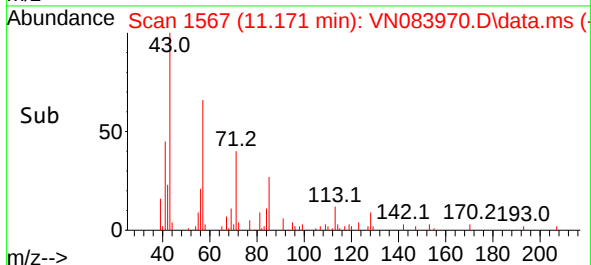
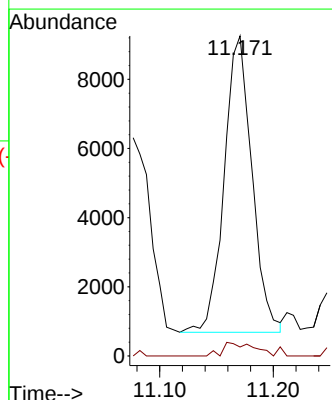
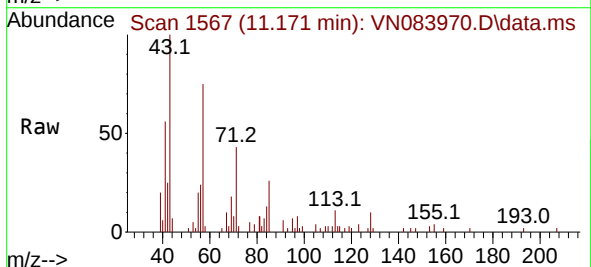
Instrument :
MSVOA_N
ClientSampleId :

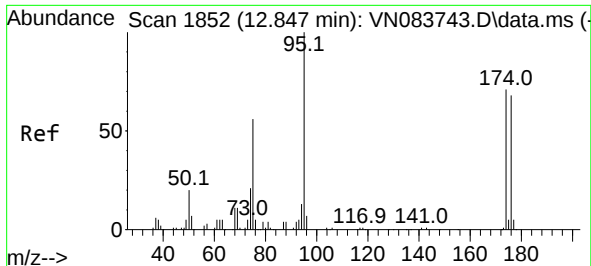
Tgt Ion: 63 Resp: 562
Ion Ratio Lower Upper
63 100
106 0.0 23.3 34.9#



#59
2-Hexanone
Concen: 6.943 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.023 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

Tgt Ion: 43 Resp: 14527
Ion Ratio Lower Upper
43 100
58 5.1 27.2 81.5#

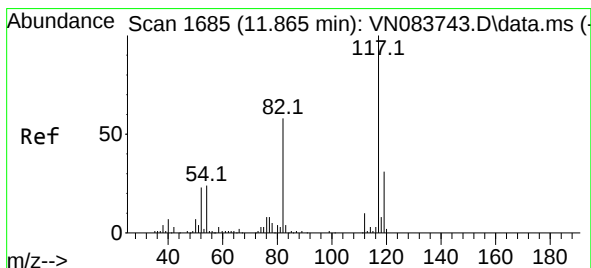
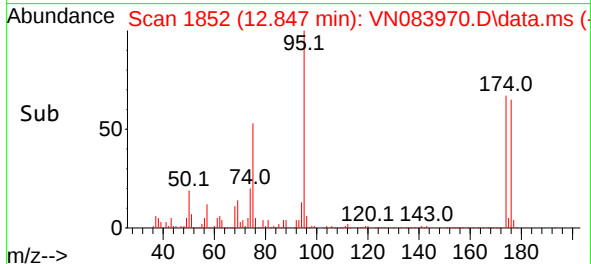
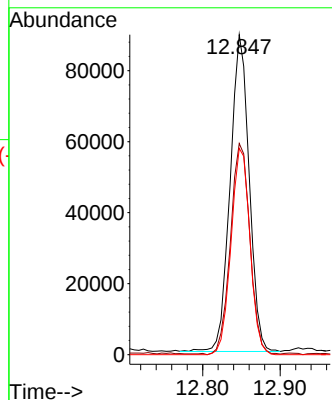
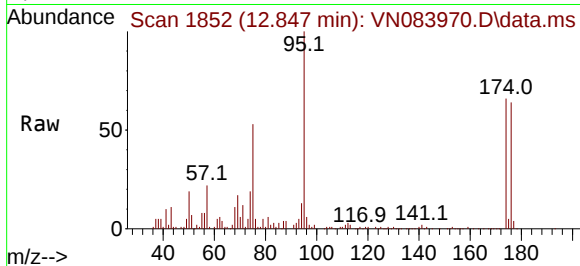




#62
4-Bromofluorobenzene
Concen: 51.011 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

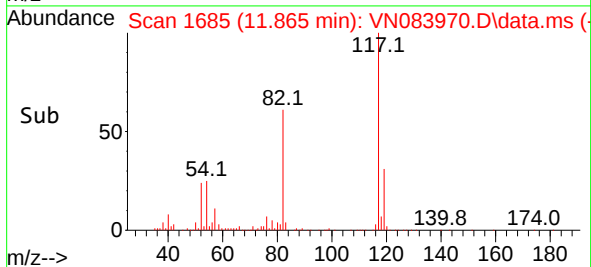
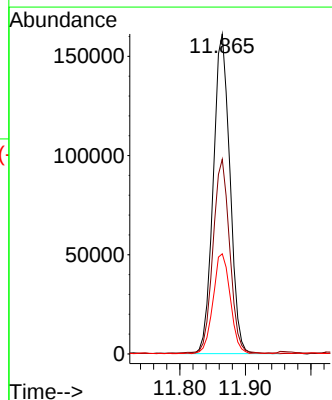
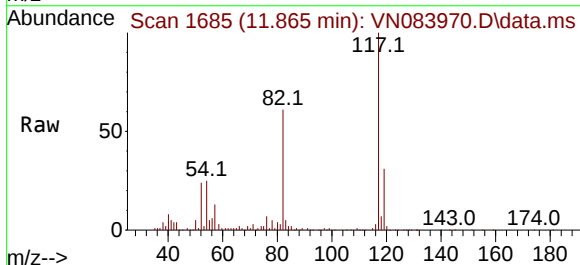
Instrument :
MSVOA_N
ClientSampleId :

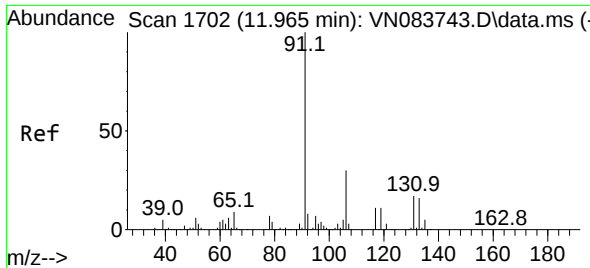
Tgt Ion: 95 Resp: 152697
Ion Ratio Lower Upper
95 100
174 67.6 0.0 139.8
176 64.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

Tgt Ion: 117 Resp: 284053
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.0
119 31.2 26.3 39.5

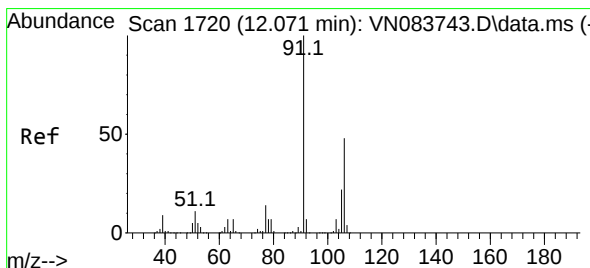
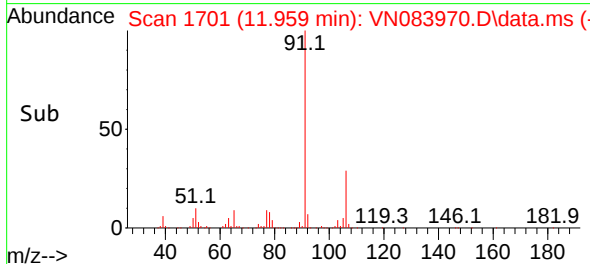
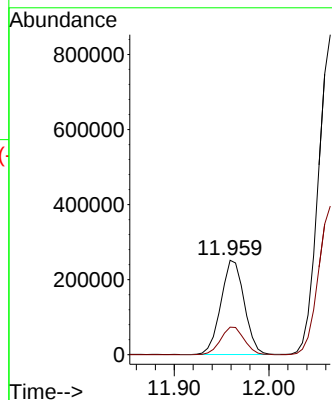
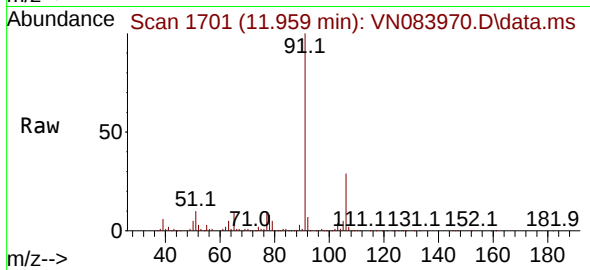




#67
Ethyl Benzene
Concen: 38.372 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

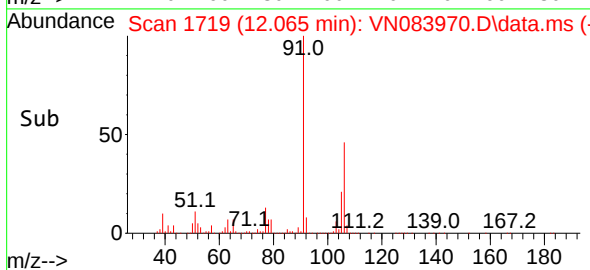
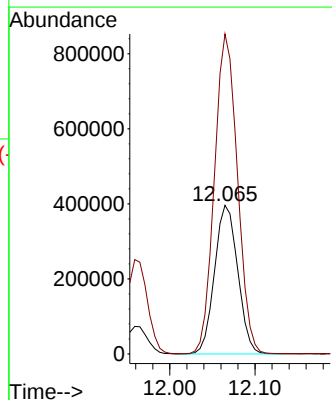
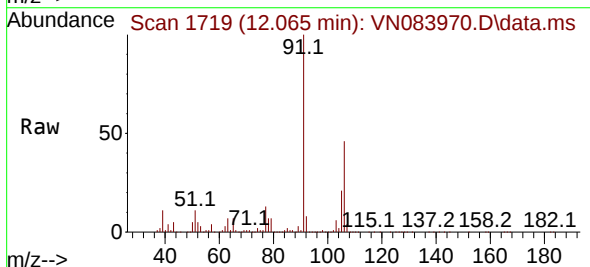
Instrument :
MSVOA_N
ClientSampleId :

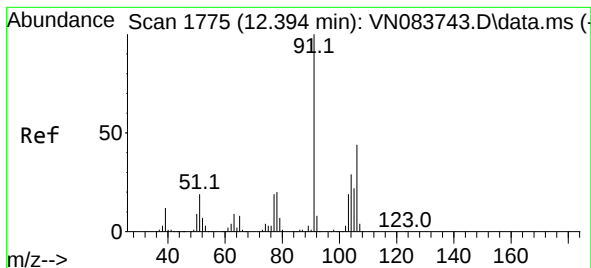
Tgt Ion: 91 Resp: 430339
Ion Ratio Lower Upper
91 100
106 29.1 24.3 36.5



#68
m/p-Xylenes
Concen: 180.229 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

Tgt Ion:106 Resp: 750424
Ion Ratio Lower Upper
106 100
91 213.3 169.2 253.8





#69

o-Xylene

Concen: 85.249 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN083970.D

Acq: 18 Sep 2024 08:20

Instrument :

MSVOA_N

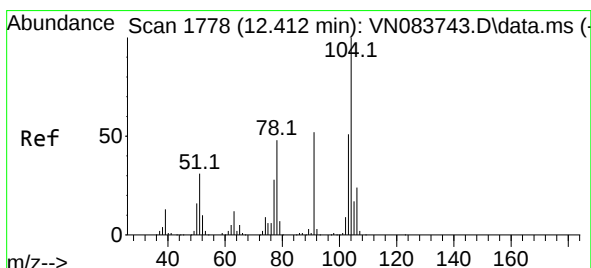
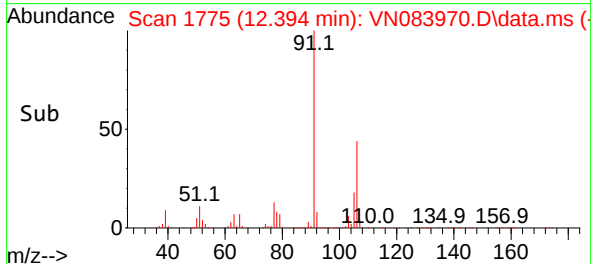
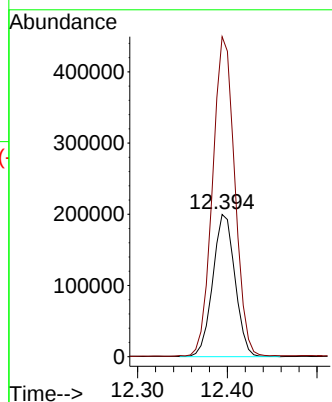
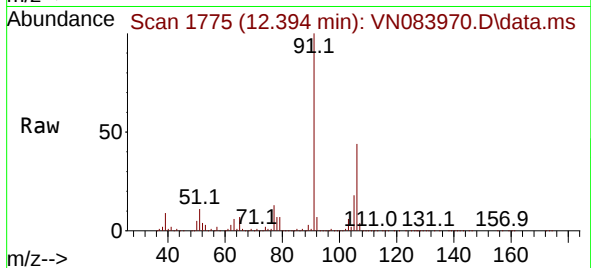
ClientSampleId :

Tgt Ion:106 Resp: 343619

Ion Ratio Lower Upper

106 100

91 224.3 112.9 338.6



#70

Styrene

Concen: 2.703 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.018 min

Lab File: VN083970.D

Acq: 18 Sep 2024 08:20

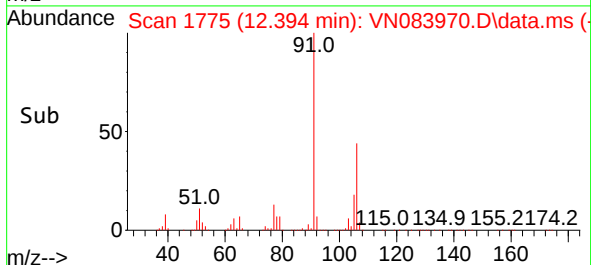
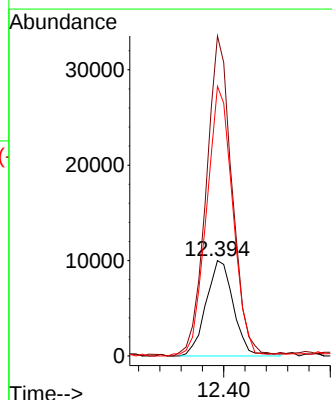
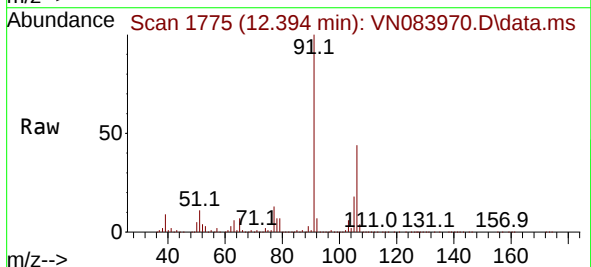
Tgt Ion:104 Resp: 17879

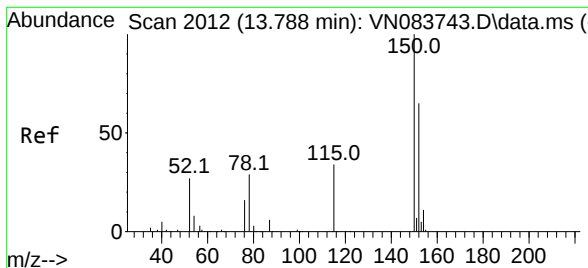
Ion Ratio Lower Upper

104 100

78 315.7 43.3 64.9#

103 271.1 43.4 65.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2012

Delta R.T. 0.006 min

Lab File: VN083970.D

Acq: 18 Sep 2024 08:20

Instrument :

MSVOA_N

ClientSampleId :

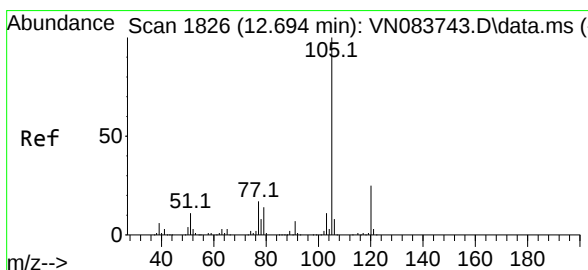
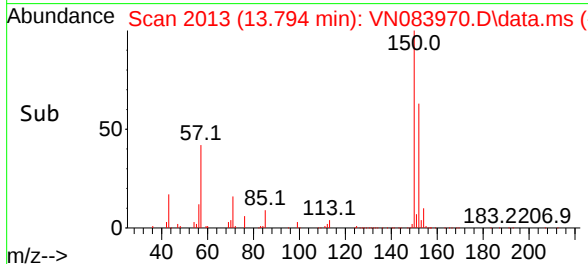
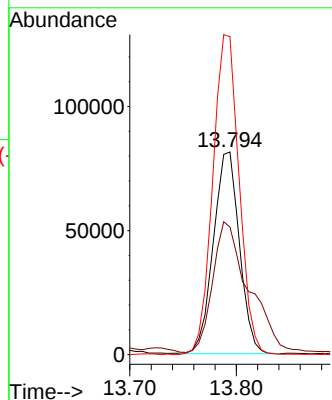
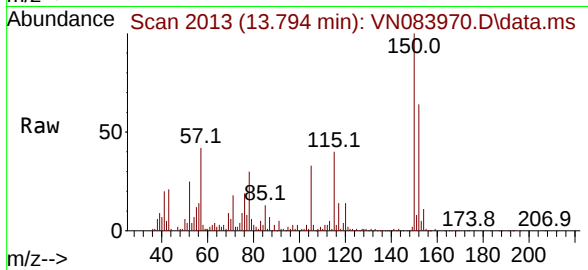
Tgt Ion:152 Resp: 138166

Ion Ratio Lower Upper

152 100

115 92.0 32.2 96.6

150 160.3 0.0 348.6



#73

Isopropylbenzene

Concen: 34.025 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083970.D

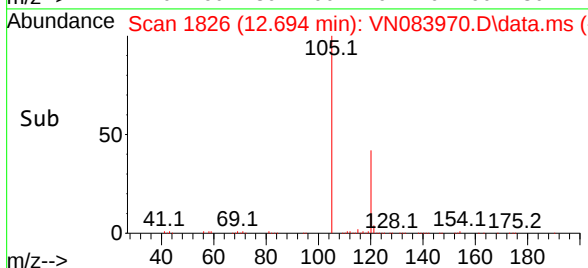
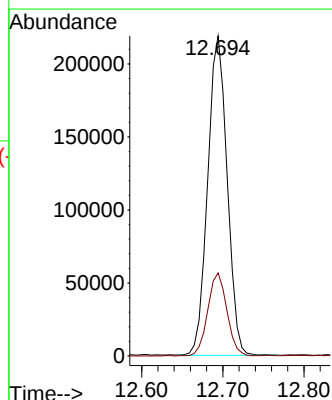
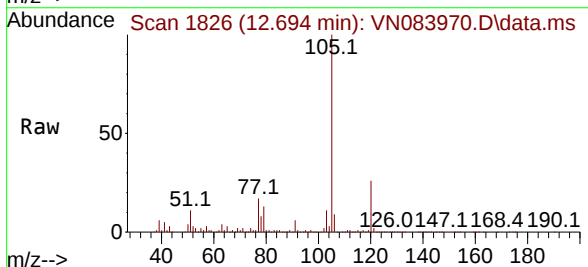
Acq: 18 Sep 2024 08:20

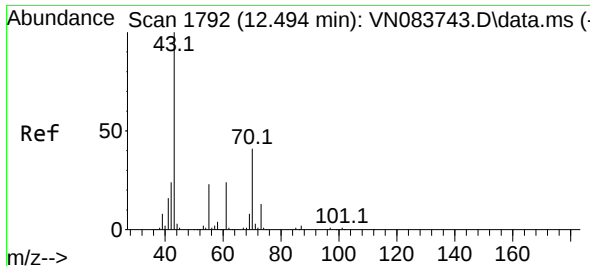
Tgt Ion:105 Resp: 363708

Ion Ratio Lower Upper

105 100

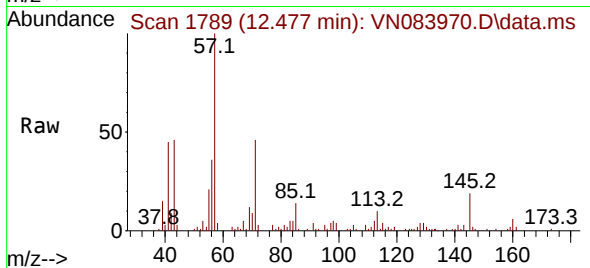
120 25.6 12.6 37.8



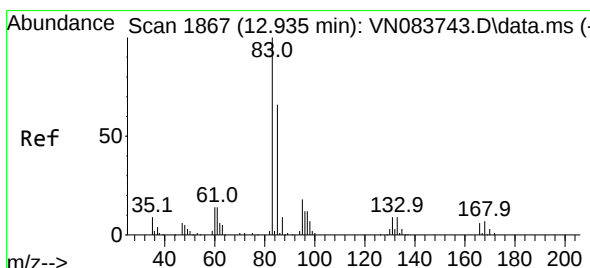
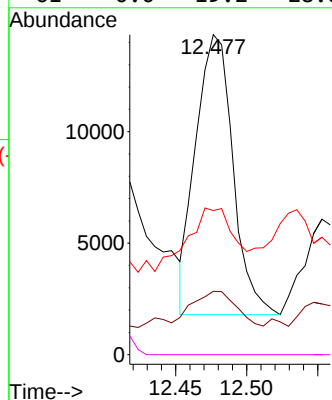
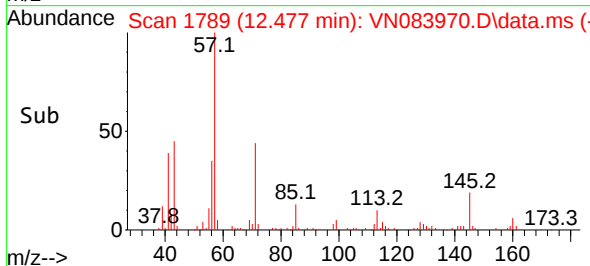


#74
N-amy1 acetate
Concen: 4.996 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

Instrument :
MSVOA_N
ClientSampleId :

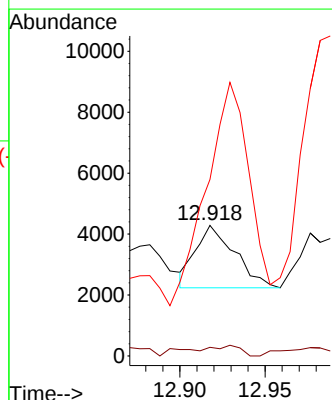
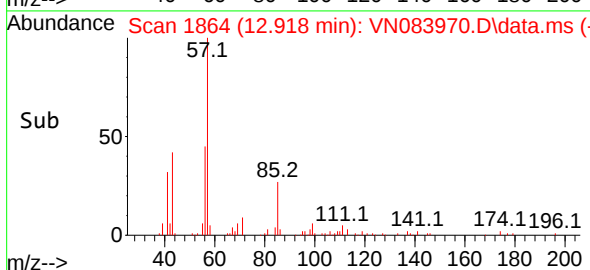
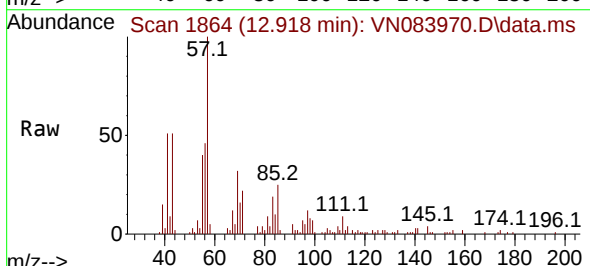


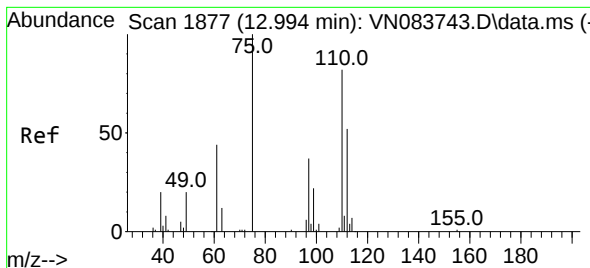
Tgt Ion: 43	Resp: 22786
Ion Ratio	Lower Upper
43 100	
70 14.3	34.5 51.7#
55 27.9	18.6 28.0
61 0.0	19.2 28.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.042 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.018 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

Tgt Ion: 83	Resp: 3272		
Ion Ratio	Lower	Upper	
83 100			
131 12.3	5.2	15.6	
85 393.5	31.9	95.9#	





#76

1,2,3-Trichloropropane

Concen: 2.269 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. 0.035 min

Lab File: VN083970.D

Acq: 18 Sep 2024 08:20

Instrument :

MSVOA_N

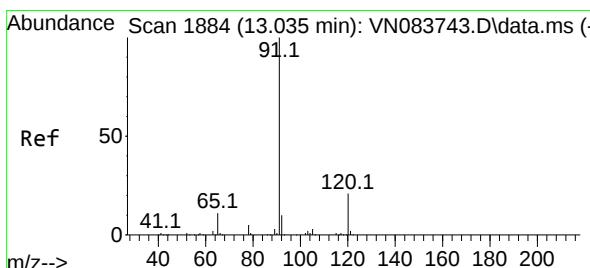
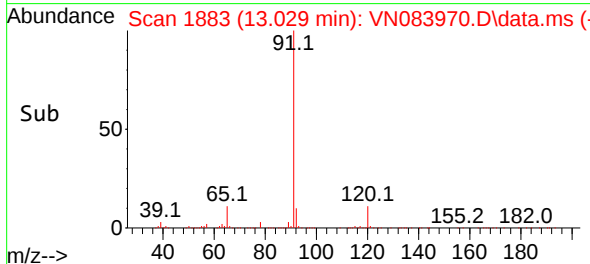
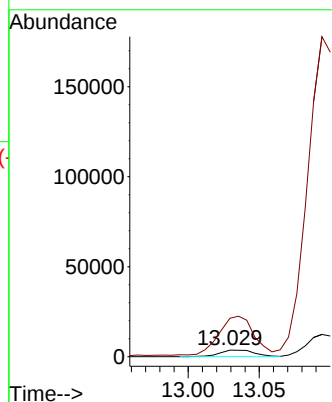
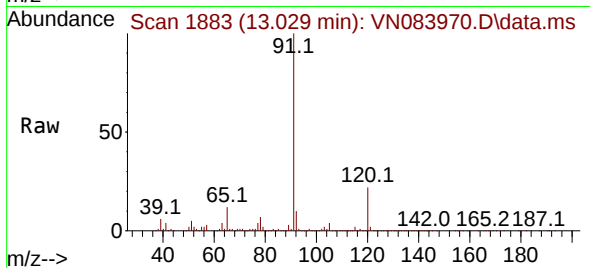
ClientSampleId :

Tgt Ion: 75 Resp: 6326

Ion Ratio Lower Upper

75 100

77 584.9 95.2 285.6#



#78

n-propylbenzene

Concen: 69.869 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083970.D

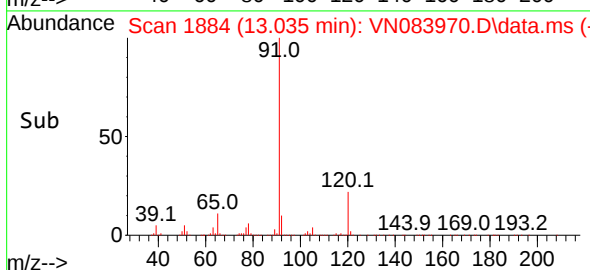
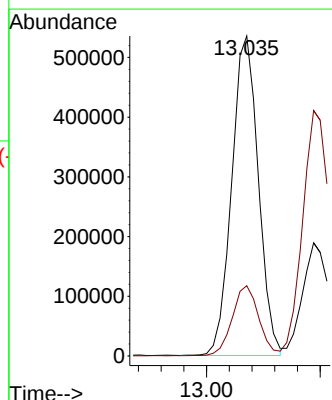
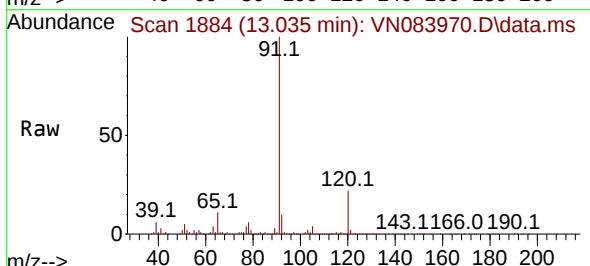
Acq: 18 Sep 2024 08:20

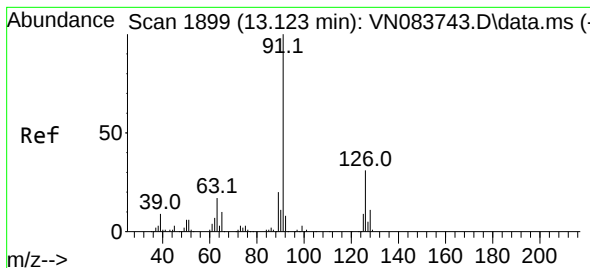
Tgt Ion: 91 Resp: 868977

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0





#79

2-Chlorotoluene

Concen: 35.247 ug/l

RT: 13.094 min Scan# 1899

Delta R.T. -0.029 min MSVOA_N

Lab File: VN083970.D

Acq: 18 Sep 2024 08:20

Instrument :

MSVOA_N

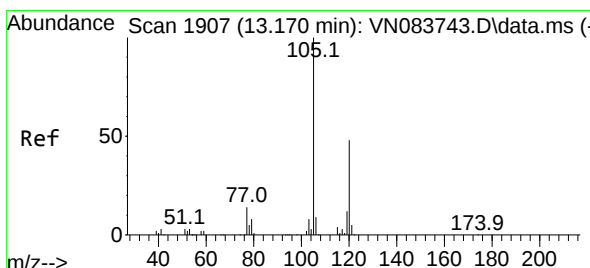
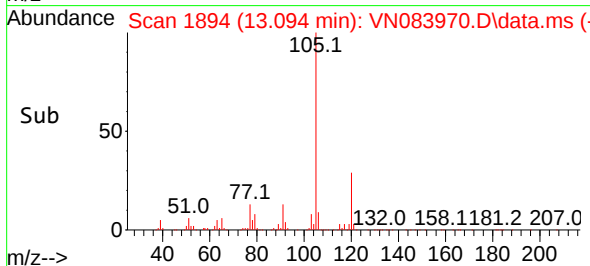
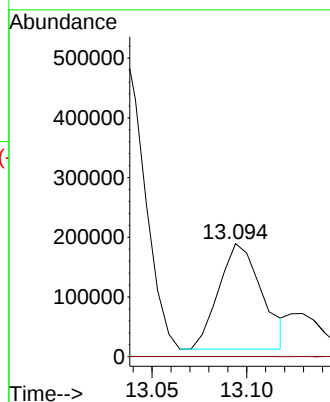
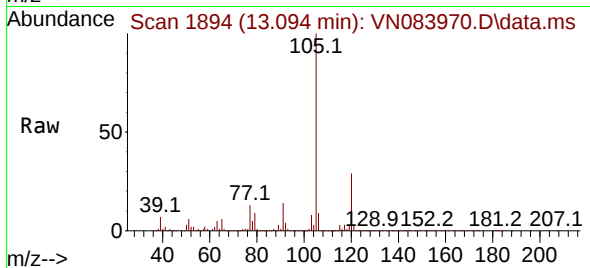
ClientSampleId :

Tgt Ion: 91 Resp: 279572

Ion Ratio Lower Upper

91 100

126 0.1 15.4 46.2#



#80

1,3,5-Trimethylbenzene

Concen: 113.637 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083970.D

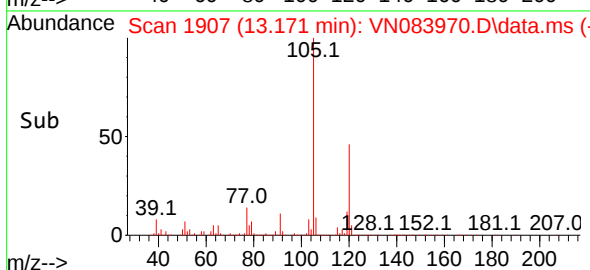
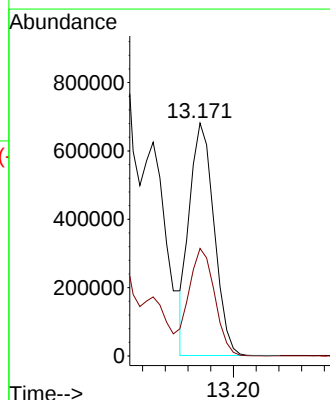
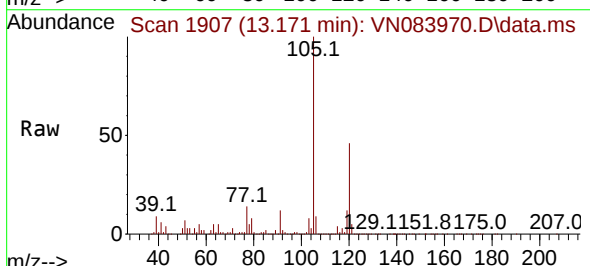
Acq: 18 Sep 2024 08:20

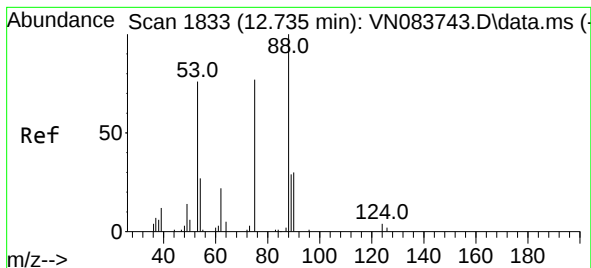
Tgt Ion:105 Resp: 1024114

Ion Ratio Lower Upper

105 100

120 49.6 23.4 70.3

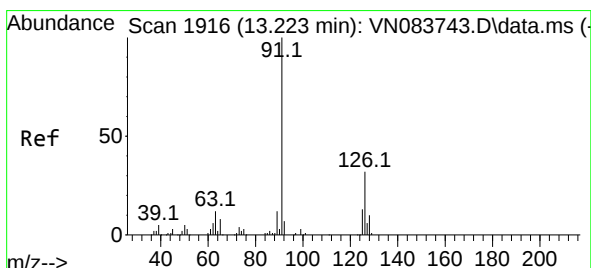
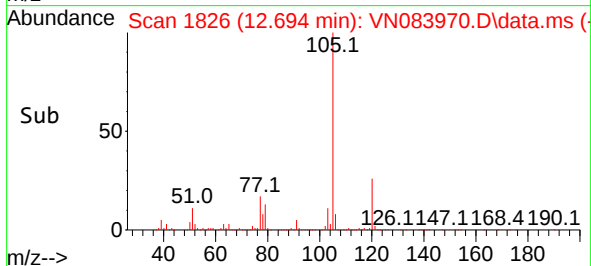
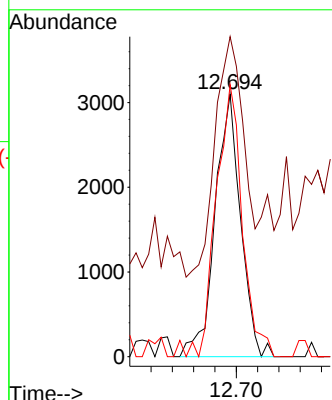
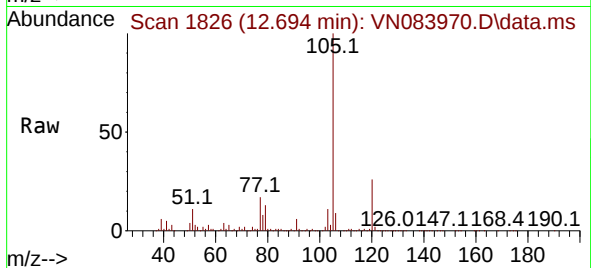




#81
trans-1,4-Dichloro-2-butene
Concen: 4.843 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

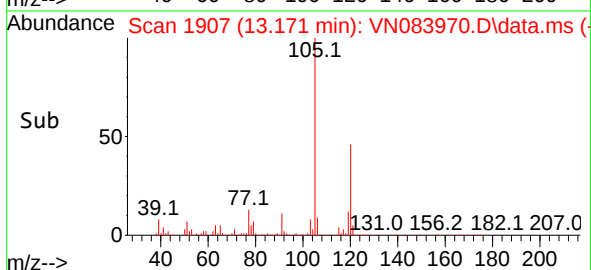
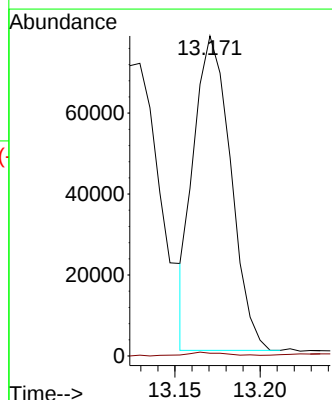
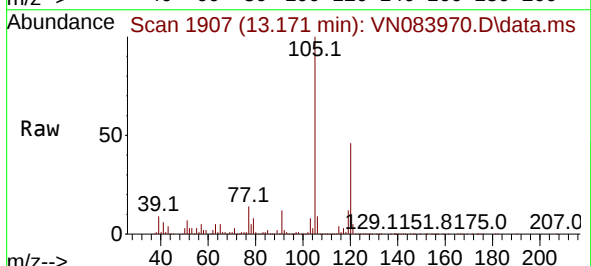
Instrument :
MSVOA_N
ClientSampleId :

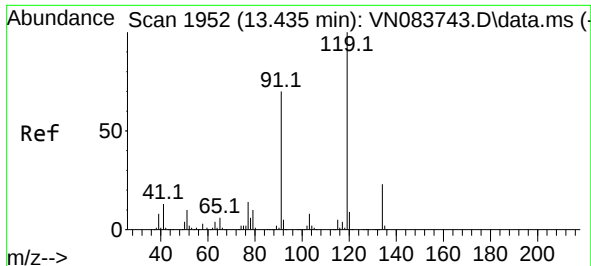
Tgt Ion: 75 Resp: 5155
Ion Ratio Lower Upper
75 100
53 96.6 81.2 121.8
89 105.7 35.7 53.5#



#82
4-Chlorotoluene
Concen: 14.716 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.053 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

Tgt Ion: 91 Resp: 117134
Ion Ratio Lower Upper
91 100
126 1.4 15.4 46.2#

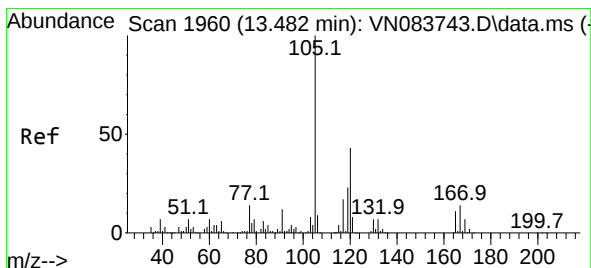
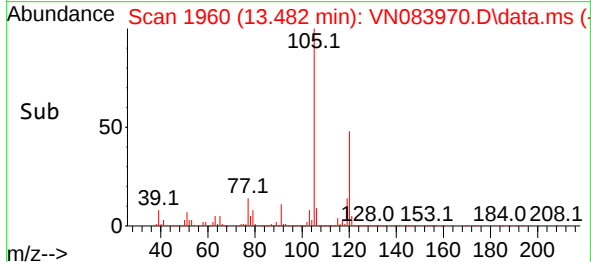
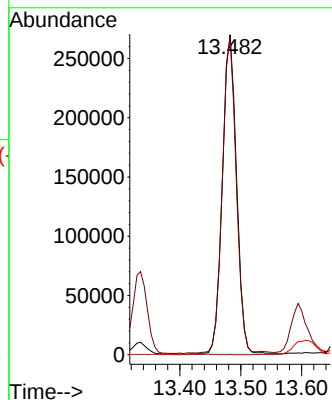
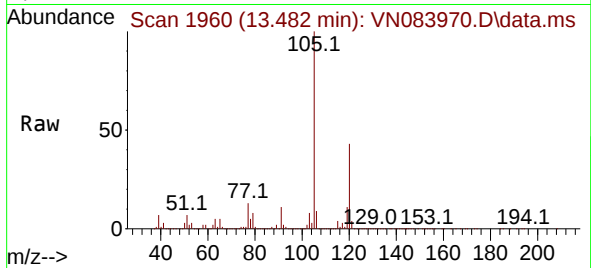




#83
 tert-Butylbenzene
 Concen: 55.374 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.047 min
 Lab File: VN083970.D
 Acq: 18 Sep 2024 08:20

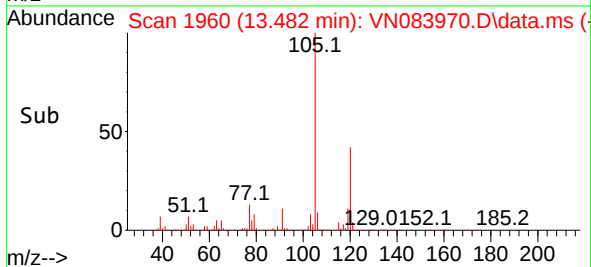
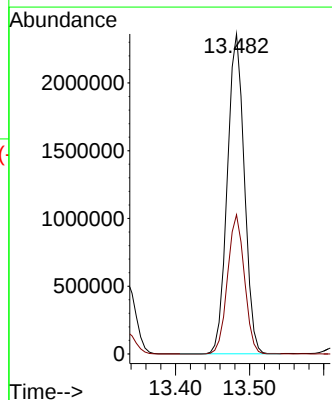
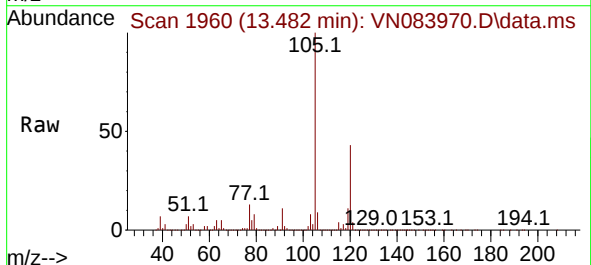
Instrument :
 MSVOA_N
 ClientSampleId :

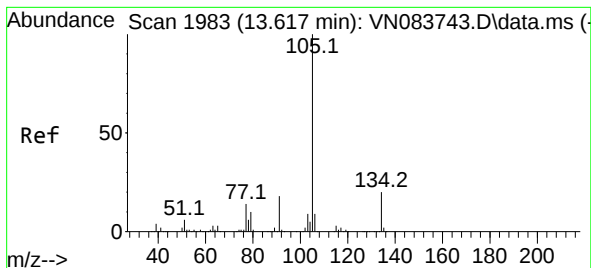
Tgt Ion:119 Resp: 436607
 Ion Ratio Lower Upper
 119 100
 91 97.5 34.5 103.6
 134 0.0 12.8 38.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 415.020 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN083970.D
 Acq: 18 Sep 2024 08:20

Tgt Ion:105 Resp: 3757099
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.8 65.4





#85

sec-Butylbenzene

Concen: 359.296 ug/l

RT: 13.482 min Scan# 1983

Delta R.T. -0.135 min

Lab File: VN083970.D

Acq: 18 Sep 2024 08:20

Instrument :

MSVOA_N

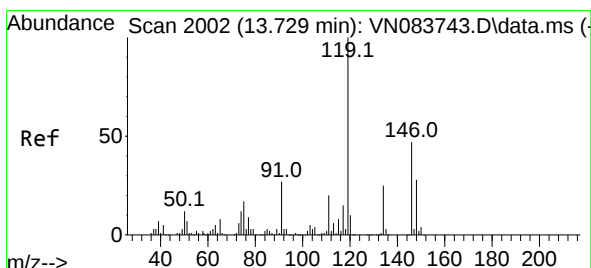
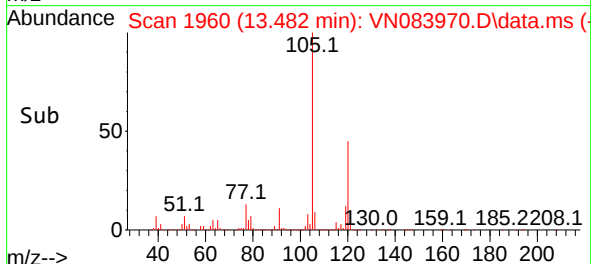
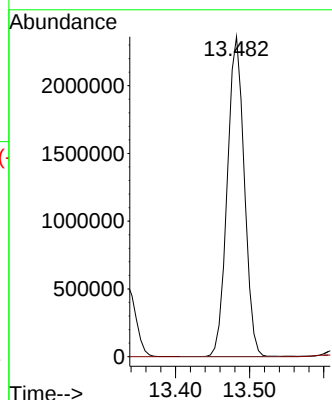
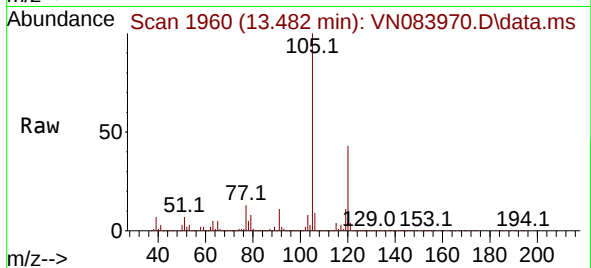
ClientSampleId :

Tgt Ion:105 Resp: 3757099

Ion Ratio Lower Upper

105 100

134 0.0 9.7 29.1#



#86

p-Isopropyltoluene

Concen: 12.351 ug/l

RT: 13.671 min Scan# 1992

Delta R.T. -0.059 min

Lab File: VN083970.D

Acq: 18 Sep 2024 08:20

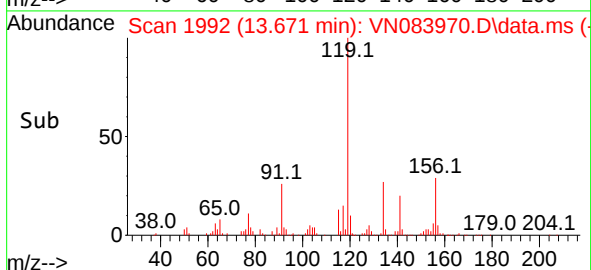
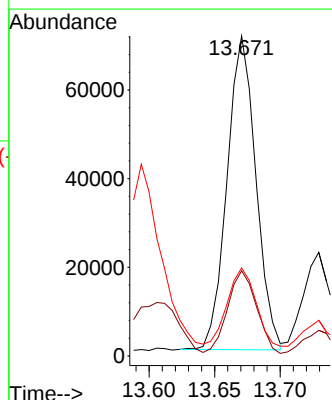
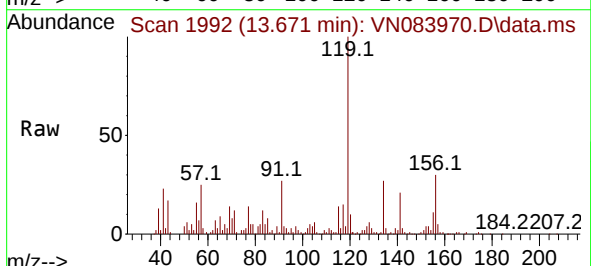
Tgt Ion:119 Resp: 108267

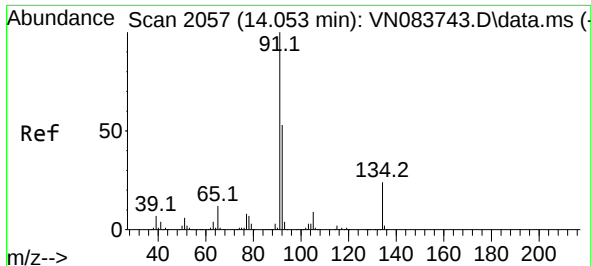
Ion Ratio Lower Upper

119 100

134 28.1 12.8 38.3

91 24.7 12.9 38.7

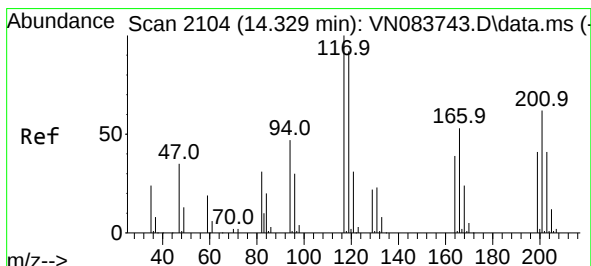
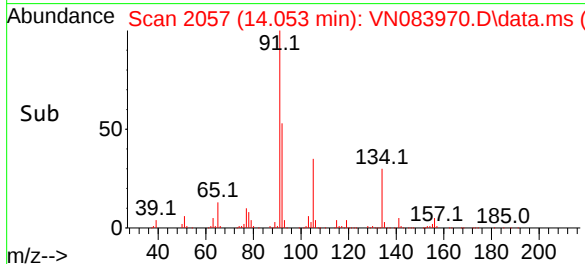
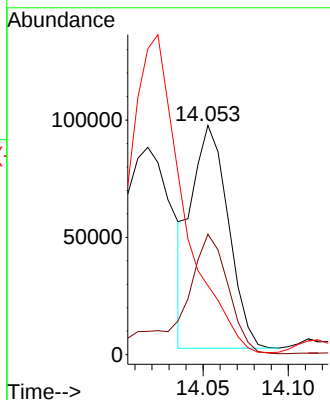
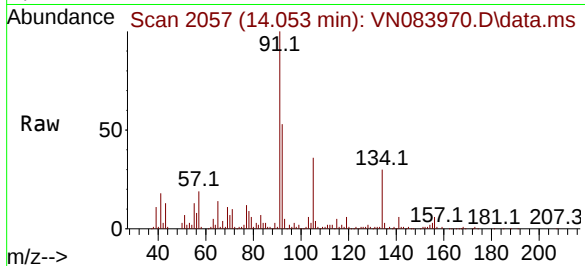




#89
n-Butylbenzene
Concen: 18.139 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

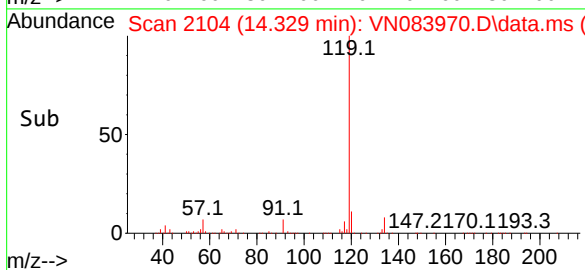
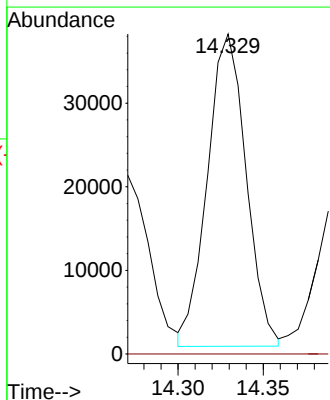
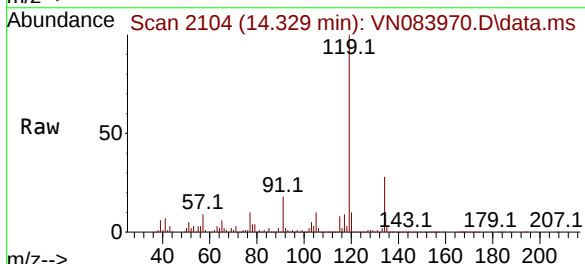
Instrument :
MSVOA_N
ClientSampleId :

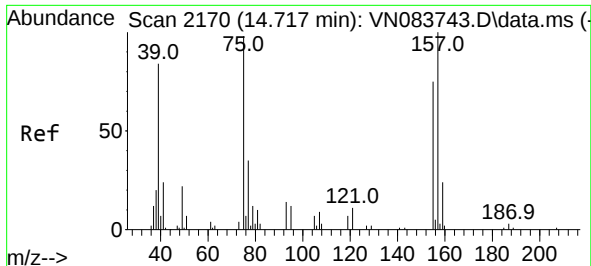
Tgt Ion: 91 Resp: 142757
Ion Ratio Lower Upper
91 100
92 64.1 26.7 80.1
134 0.0 12.2 36.4#



#90
Hexachloroethane
Concen: 33.510 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

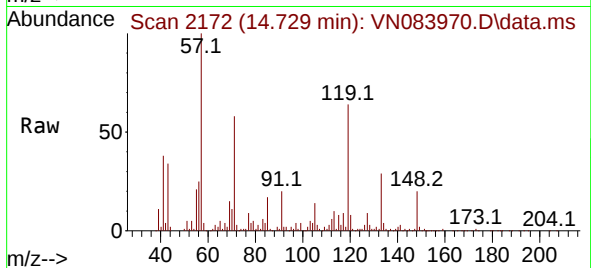
Tgt Ion: 117 Resp: 59047
Ion Ratio Lower Upper
117 100
201 0.0 32.8 98.3#



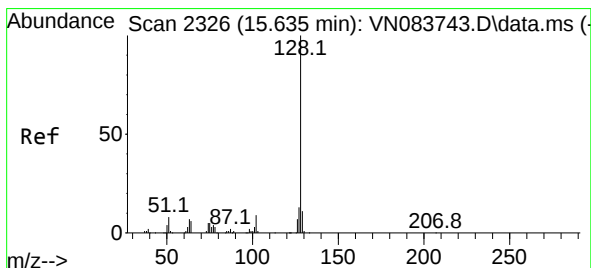
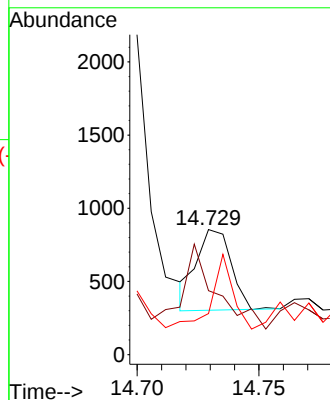
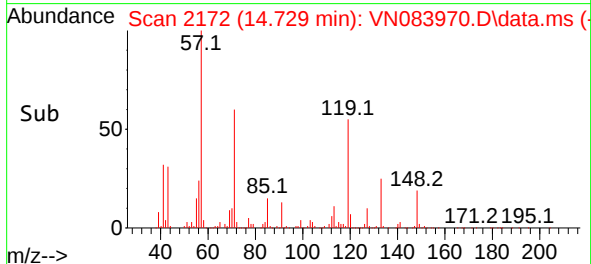


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.872 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.012 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 546
Ion Ratio Lower Upper
75 100
155 102.2 35.9 107.7
157 53.3 47.5 142.5



#95
Naphthalene
Concen: 79.496 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN083970.D
Acq: 18 Sep 2024 08:20

Tgt Ion: 128 Resp: 608234
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.2
129 11.3 8.7 13.1

