

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083906.D
 Acq On : 16 Sep 2024 08:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 17 02:26:12 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	8.224	168	155819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120599	51.329	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.660%			
35) Dibromofluoromethane	8.165	113	89418	52.334	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.660%			
50) Toluene-d8	10.565	98	316123	53.519	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.040%			
62) 4-Bromofluorobenzene	12.847	95	123450	50.657	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	89369	49.386	ug/l	98
3) Chloromethane	2.359	50	92838	50.249	ug/l	94
4) Vinyl Chloride	2.512	62	94891	47.841	ug/l	95
5) Bromomethane	2.948	94	60509	53.133	ug/l	99
6) Chloroethane	3.118	64	62541	44.950	ug/l	99
7) Trichlorofluoromethane	3.495	101	159816	47.468	ug/l	100
8) Diethyl Ether	3.959	74	54428	48.226	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	87372	48.960	ug/l	98
10) Methyl Iodide	4.589	142	105378	46.430	ug/l	93
11) Tert butyl alcohol	5.524	59	95790	304.459	ug/l	100
12) 1,1-Dichloroethene	4.336	96	81284	48.230	ug/l	92
13) Acrolein	4.177	56	70900	228.393	ug/l	97
14) Allyl chloride	5.018	41	136006	45.289	ug/l	89
15) Acrylonitrile	5.718	53	223517	261.233	ug/l	99
16) Acetone	4.424	43	256329	272.149	ug/l	97
17) Carbon Disulfide	4.712	76	214900	45.584	ug/l	98
18) Methyl Acetate	5.018	43	110156	56.369	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	304799	49.978	ug/l	96
20) Methylene Chloride	5.271	84	93711	48.620	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	85274	47.213	ug/l	94
22) Diisopropyl ether	6.671	45	316381	51.179	ug/l	97
23) Vinyl Acetate	6.600	43	1198277	264.690	ug/l	98
24) 1,1-Dichloroethane	6.571	63	176362	49.519	ug/l	98
25) 2-Butanone	7.483	43	335062	270.661	ug/l	98
26) 2,2-Dichloropropane	7.488	77	166872	50.877	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	106429	49.638	ug/l	98
28) Bromochloromethane	7.812	49	81129	54.092	ug/l	96
29) Tetrahydrofuran	7.835	42	200201	273.505	ug/l	98
30) Chloroform	7.965	83	188996	49.985	ug/l	100
31) Cyclohexane	8.259	56	147022	43.296	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	172086	49.497	ug/l	98
36) 1,1-Dichloropropene	8.371	75	127207	49.464	ug/l	100
37) Ethyl Acetate	7.559	43	131792	56.458	ug/l	97
38) Carbon Tetrachloride	8.359	117	148992	51.067	ug/l	100
39) Methylcyclohexane	9.600	83	141911	48.480	ug/l	99
40) Benzene	8.606	78	384652	49.694	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	75542	54.715	ug/l	98
42) 1,2-Dichloroethane	8.671	62	148729	51.422	ug/l	98
43) Isopropyl Acetate	8.688	43	229081	54.155	ug/l	99
44) Trichloroethene	9.347	130	95775	53.431	ug/l	100
45) 1,2-Dichloropropane	9.618	63	94793	50.669	ug/l	98
46) Dibromomethane	9.706	93	69240	52.839	ug/l	99
47) Bromodichloromethane	9.888	83	152855	53.899	ug/l	96
48) Methyl methacrylate	9.682	41	110027	54.823	ug/l	95
49) 1,4-Dioxane	9.694	88	35583	1077.771	ug/l #	100
51) 4-Methyl-2-Pentanone	10.441	43	661161	287.128	ug/l	98
52) Toluene	10.629	92	242436	51.205	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	156799	54.547	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	161950	53.634	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	90733	51.332	ug/l	98
56) Ethyl methacrylate	10.871	69	155094	57.031	ug/l	97
57) 1,3-Dichloropropane	11.165	76	158619	52.213	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	339918	346.893	ug/l	97
59) 2-Hexanone	11.194	43	502656	295.100	ug/l	98
60) Dibromochloromethane	11.359	129	111096	56.161	ug/l	100
61) 1,2-Dibromoethane	11.465	107	92643	52.554	ug/l	100
64) Tetrachloroethene	11.100	164	76827	48.404	ug/l	96
65) Chlorobenzene	11.888	112	258812	48.790	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	93621	50.910	ug/l	99
67) Ethyl Benzene	11.965	91	476269	50.542	ug/l	99
68) m/p-Xylenes	12.070	106	356022	101.764	ug/l	99
69) o-Xylene	12.394	106	174830	51.621	ug/l	97
70) Styrene	12.412	104	297966	53.608	ug/l	100
71) Bromoform	12.576	173	72749	58.707	ug/l #	100
73) Isopropylbenzene	12.694	105	451875	49.624	ug/l	100
74) N-amyl acetate	12.494	43	210770	54.250	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	130669	48.839	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	179965	75.776	ug/l	61
77) Bromobenzene	12.976	156	104735	47.782	ug/l	99
78) n-propylbenzene	13.035	91	540044	50.972	ug/l	99
79) 2-Chlorotoluene	13.123	91	331064	48.996	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	385552	50.220	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	49838	54.961	ug/l	98
82) 4-Chlorotoluene	13.217	91	337948	49.840	ug/l	100
83) tert-Butylbenzene	13.435	119	329495	49.056	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	390240	50.603	ug/l	99
85) sec-Butylbenzene	13.617	105	460914	51.742	ug/l	99
86) p-Isopropyltoluene	13.729	119	385591	51.638	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	199678	48.270	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	195762	46.736	ug/l	100
89) n-Butylbenzene	14.053	91	348078	51.918	ug/l	98
90) Hexachloroethane	14.335	117	71556	47.671	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	191076	47.861	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27849	52.216	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	100105	46.727	ug/l	98
94) Hexachlorobutadiene	15.500	225	43612	47.935	ug/l	100
95) Naphthalene	15.641	128	325598	49.955	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	97074	47.412	ug/l	99

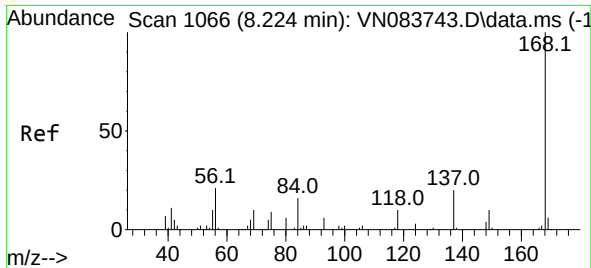
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Response via : Initial Calibration

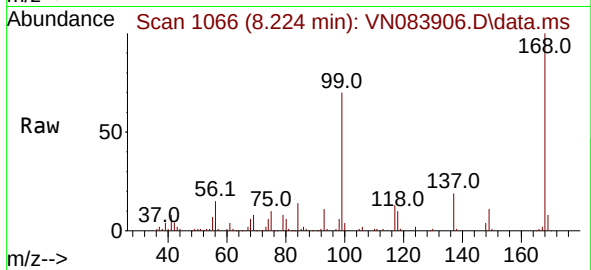
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

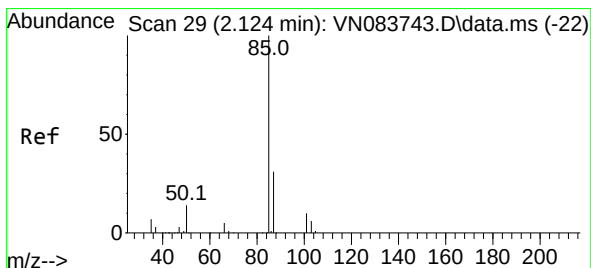
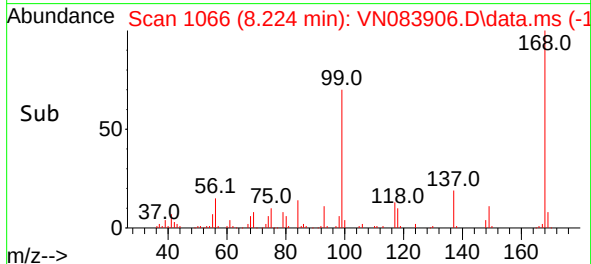
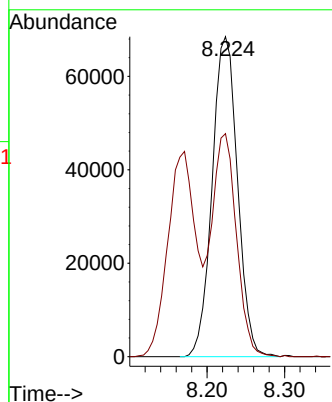


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Instrument :
MSVOA_N
ClientSampleId :

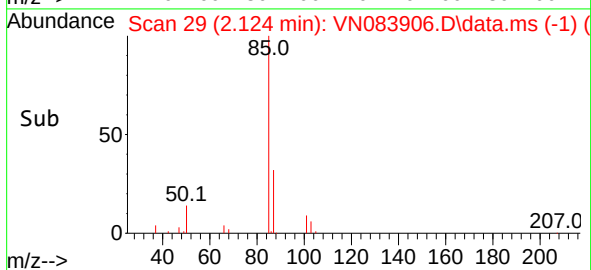
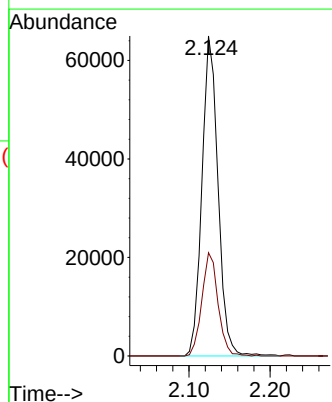
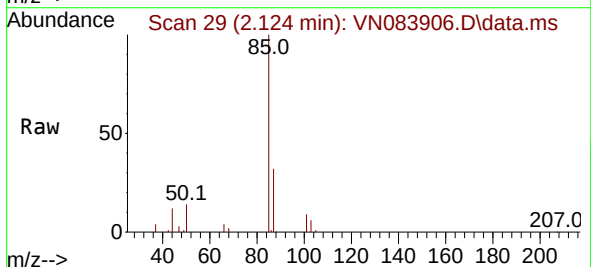


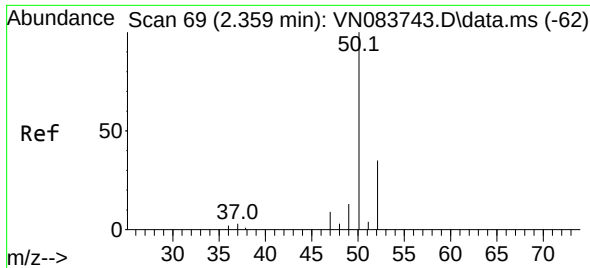
Tgt Ion:168 Resp: 155819
Ion Ratio Lower Upper
168 100
99 69.7 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 49.386 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion: 85 Resp: 89369
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.0

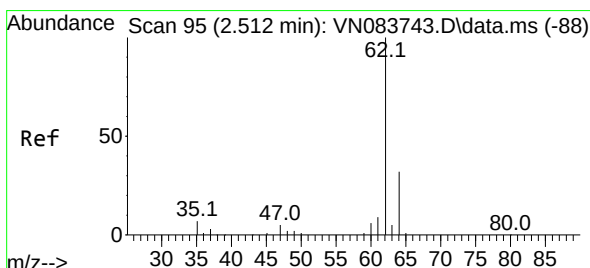
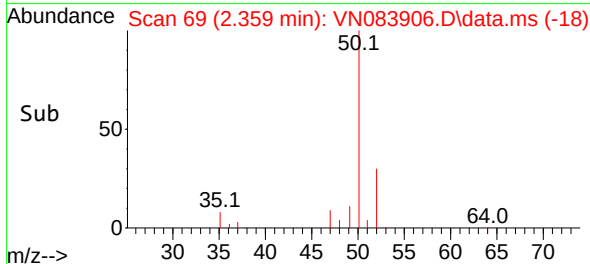
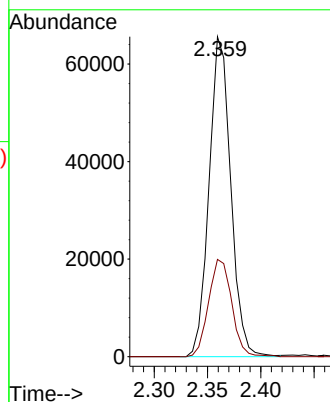
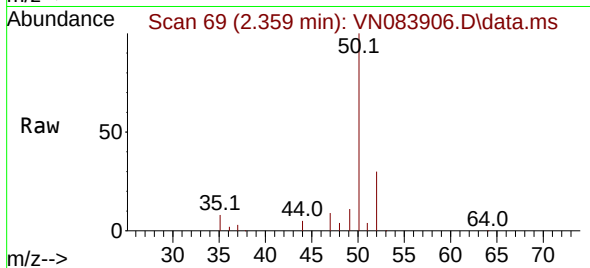




#3
Chloromethane
Concen: 50.249 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

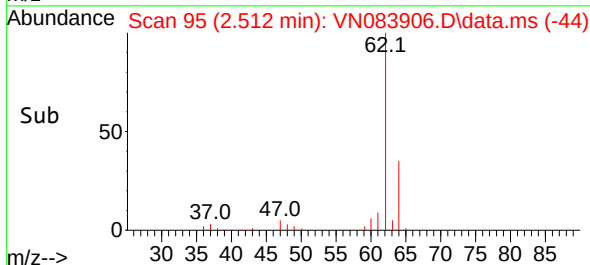
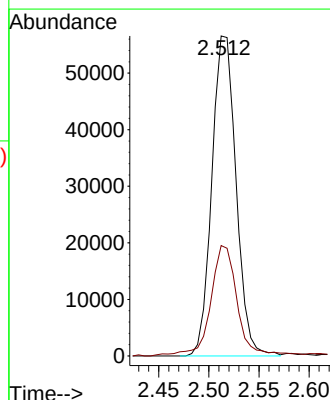
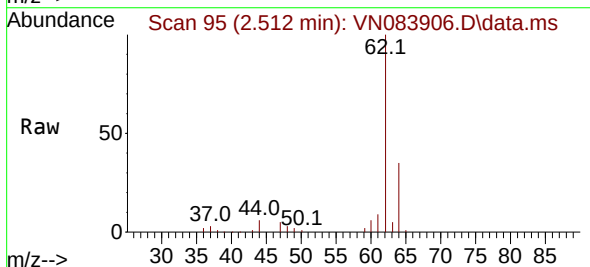
Instrument :
MSVOA_N
ClientSampleId :

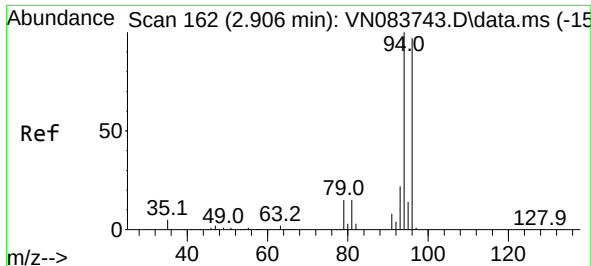
Tgt Ion: 50 Resp: 92838
Ion Ratio Lower Upper
50 100
52 30.4 27.2 40.8



#4
Vinyl Chloride
Concen: 47.841 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion: 62 Resp: 94891
Ion Ratio Lower Upper
62 100
64 33.6 24.7 37.1

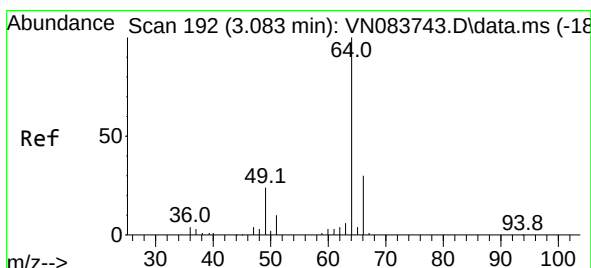
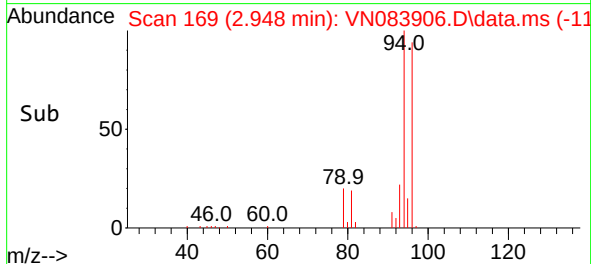
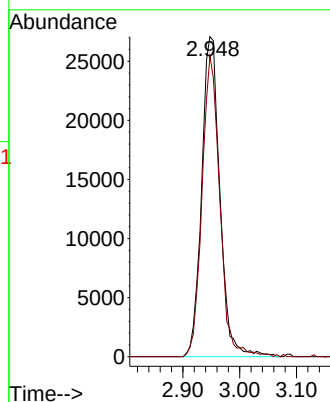
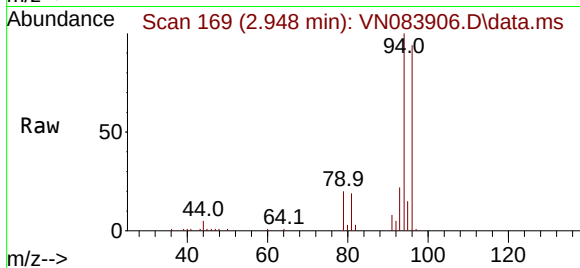




#5
Bromomethane
Concen: 53.133 ug/l
RT: 2.948 min Scan# 1
Delta R.T. 0.041 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

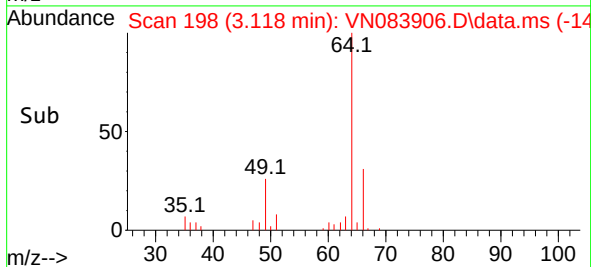
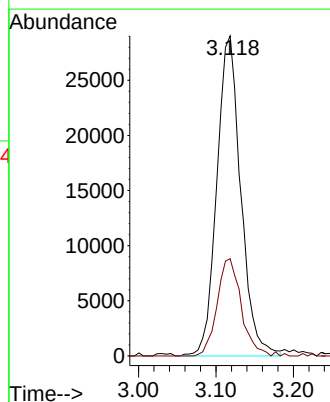
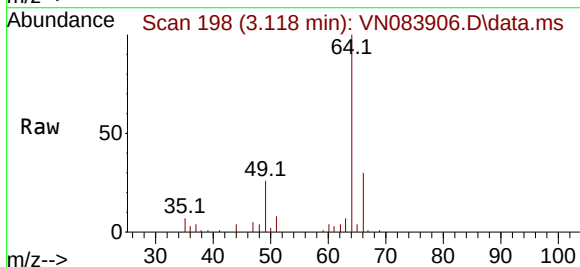
Instrument :
MSVOA_N
ClientSampleId :

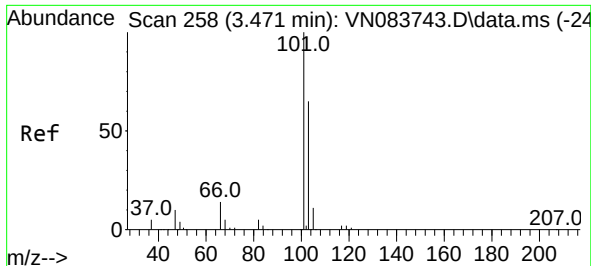
Tgt Ion: 94 Resp: 60509
Ion Ratio Lower Upper
94 100
96 94.0 76.0 114.0



#6
Chloroethane
Concen: 44.950 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.035 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion: 64 Resp: 62541
Ion Ratio Lower Upper
64 100
66 30.4 23.9 35.9

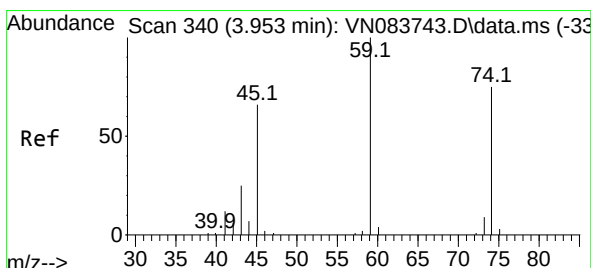
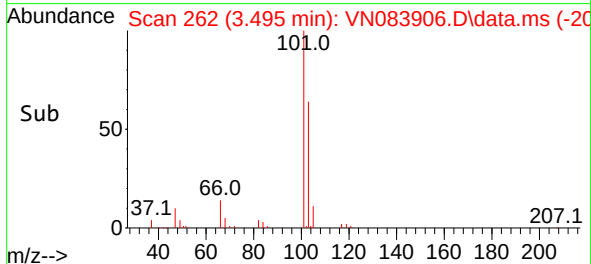
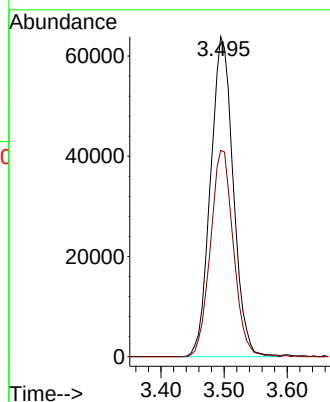
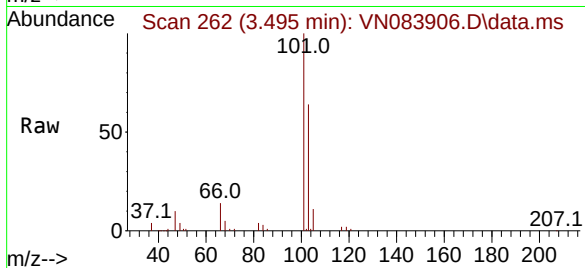




#7
 Trichlorofluoromethane
 Concen: 47.468 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.023 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53

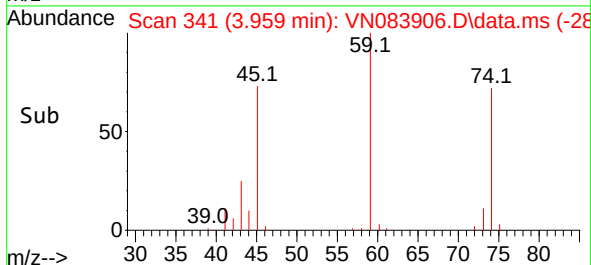
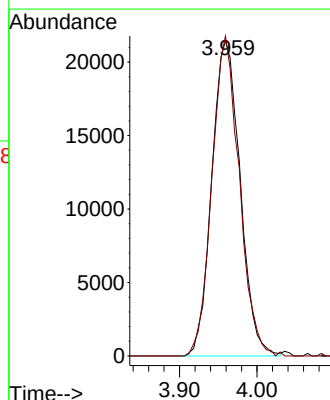
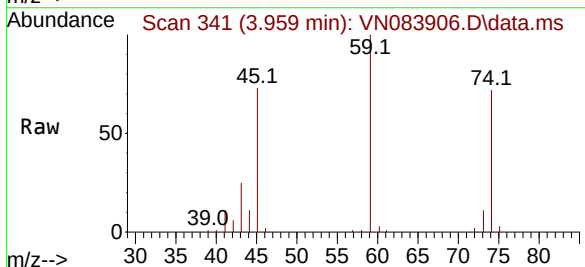
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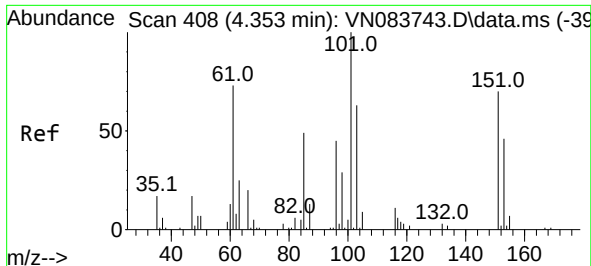
Tgt Ion:101 Resp: 159816
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.0



#8
 Diethyl Ether
 Concen: 48.226 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53

Tgt Ion: 74 Resp: 54428
 Ion Ratio Lower Upper
 74 100
 45 97.8 46.7 140.1

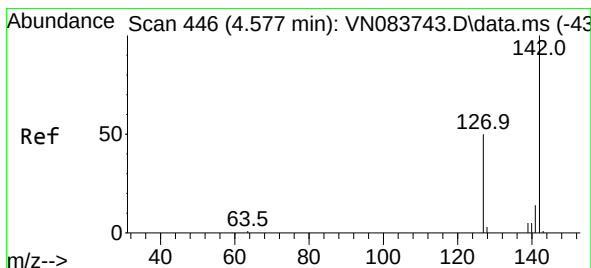
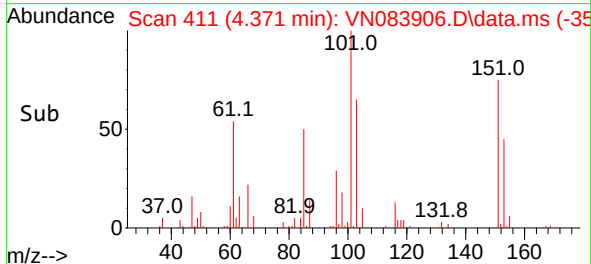
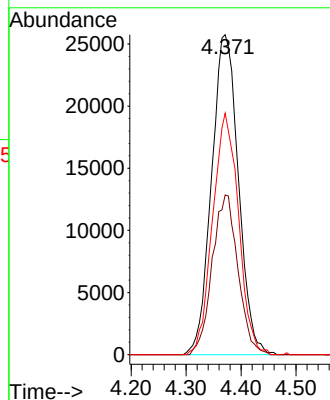
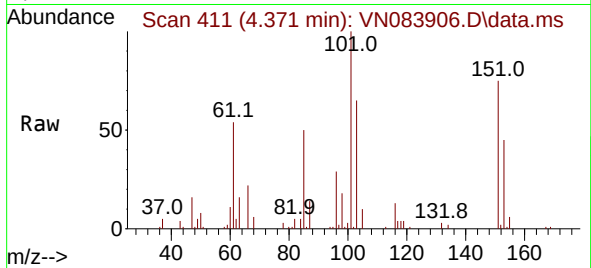




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.960 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN083906.D
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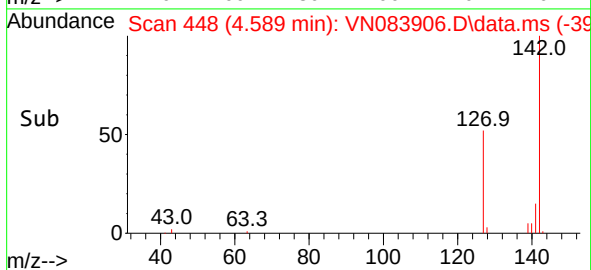
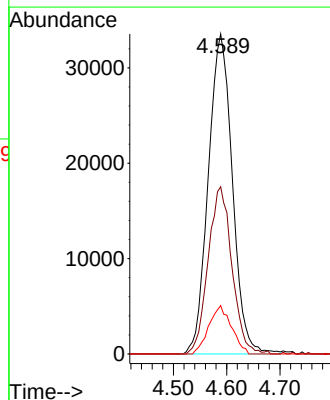
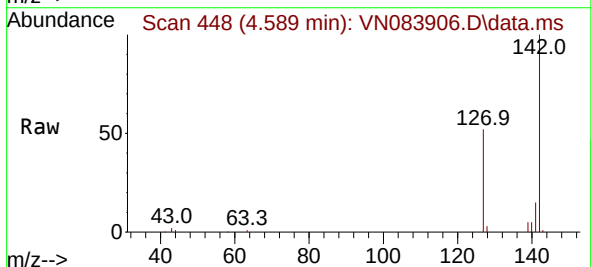
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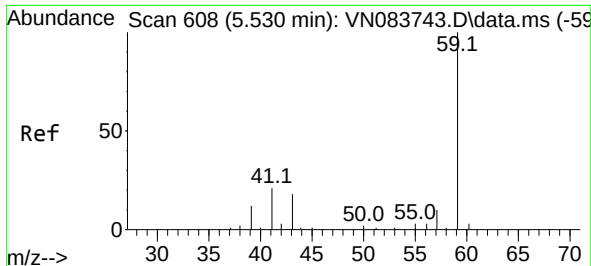
Tgt Ion:101 Resp: 87372
Ion Ratio Lower Upper
101 100
85 47.8 36.2 54.4
151 72.9 57.7 86.5



#10
Methyl Iodide
Concen: 46.430 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion:142 Resp: 105378
Ion Ratio Lower Upper
142 100
127 52.2 37.5 56.3
141 15.1 11.0 16.4

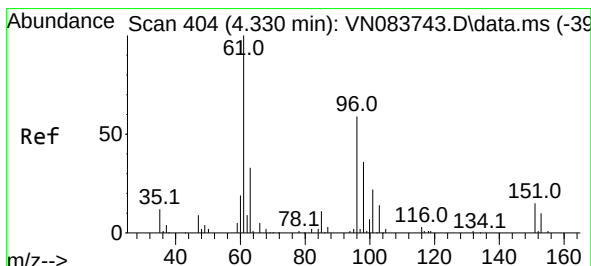
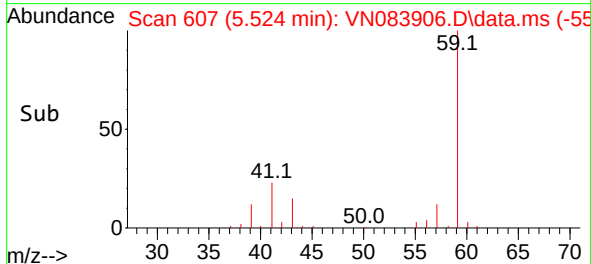
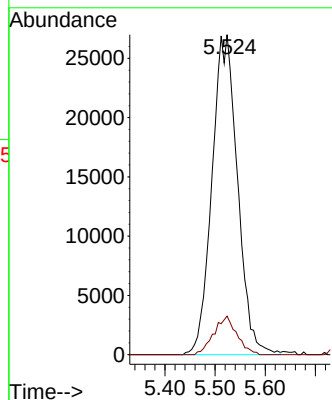
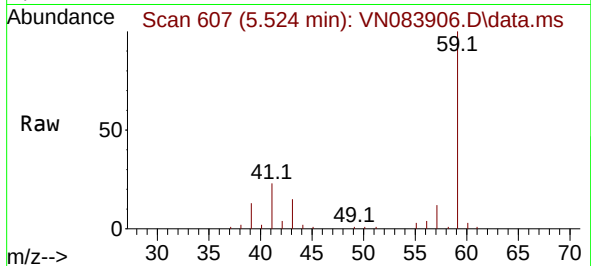




#11
Tert butyl alcohol
Concen: 304.459 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

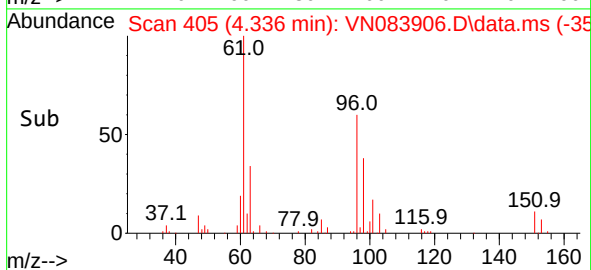
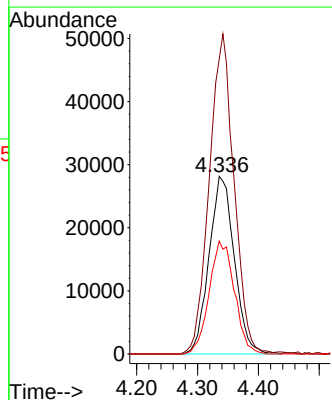
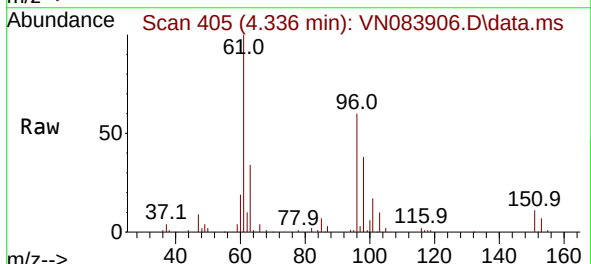
Instrument :
MSVOA_N
ClientSampleId :

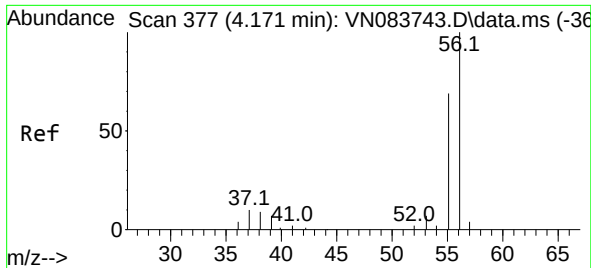
Tgt Ion: 59 Resp: 95790
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1



#12
1,1-Dichloroethene
Concen: 48.230 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion: 96 Resp: 81284
Ion Ratio Lower Upper
96 100
61 166.1 143.4 215.0
98 63.6 52.7 79.1

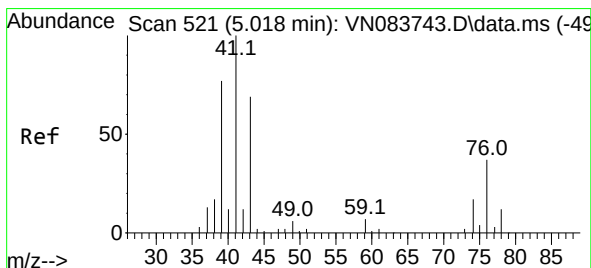
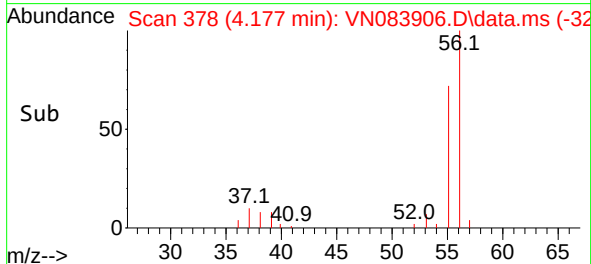
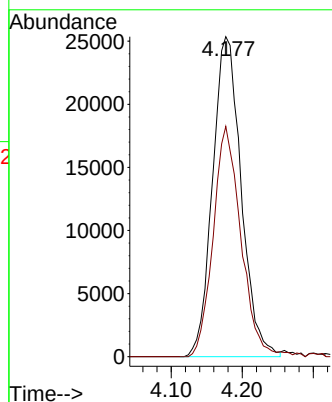
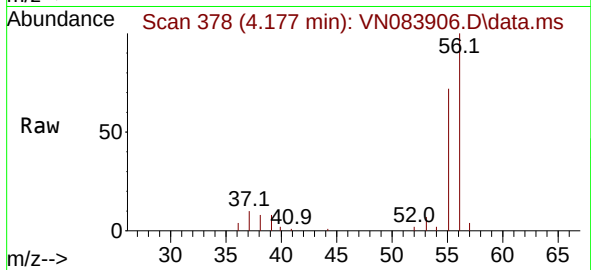




#13
Acrolein
Concen: 228.393 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

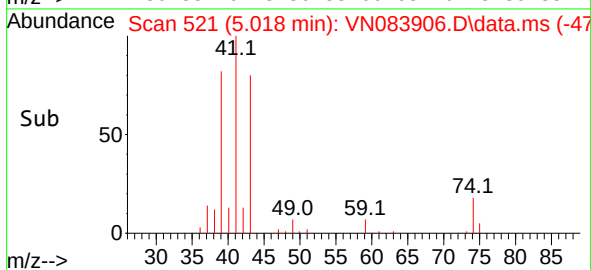
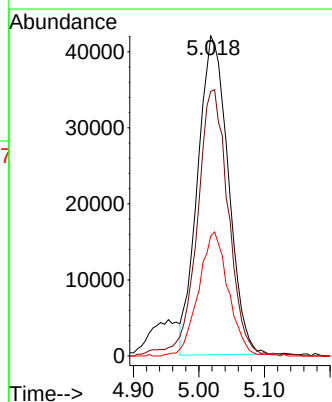
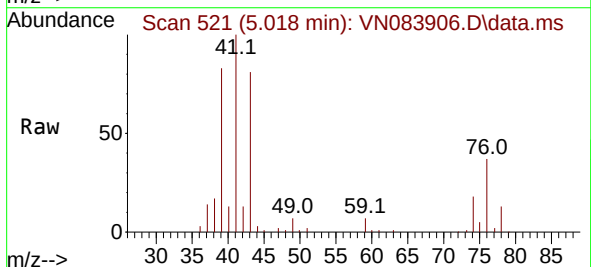
Instrument :
MSVOA_N
ClientSampleId :

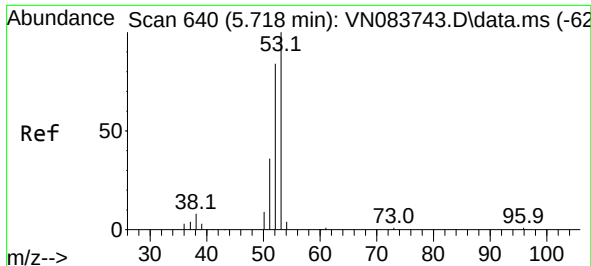
Tgt Ion: 56 Resp: 70900
Ion Ratio Lower Upper
56 100
55 70.0 58.2 87.2



#14
Allyl chloride
Concen: 45.289 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

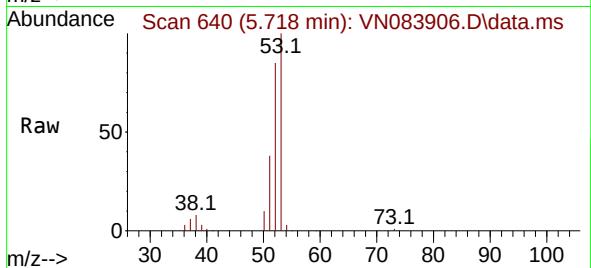
Tgt Ion: 41 Resp: 136006
Ion Ratio Lower Upper
41 100
39 85.1 59.3 88.9
76 38.1 27.7 41.5



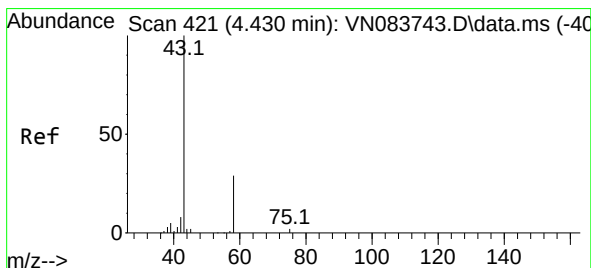
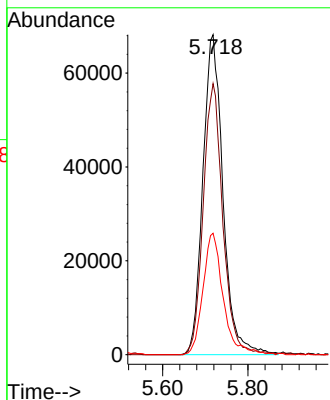
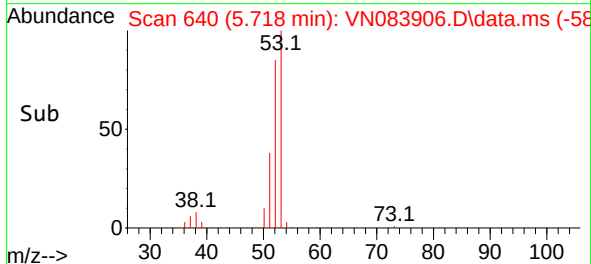


#15
Acrylonitrile
Concen: 261.233 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Instrument :
MSVOA_N
ClientSampleId :

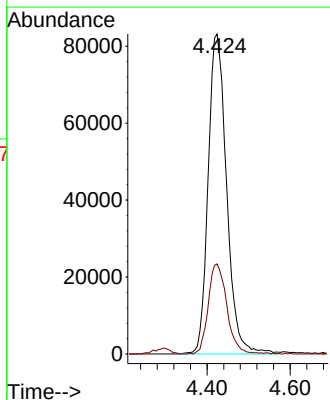
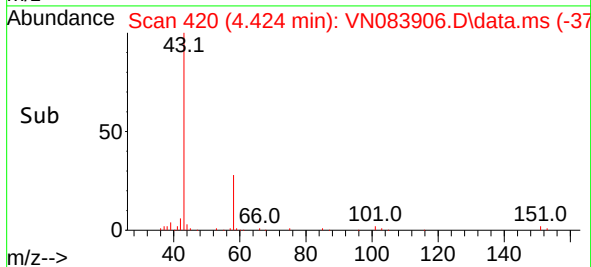
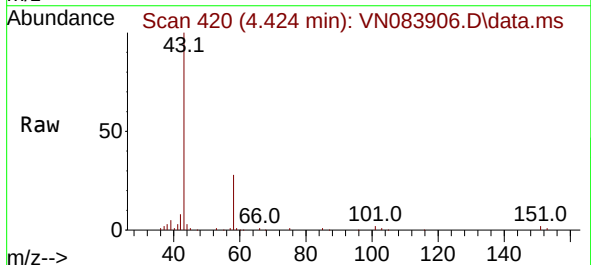


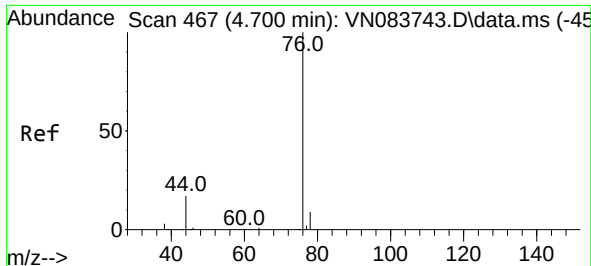
Tgt Ion: 53 Resp: 223517
Ion Ratio Lower Upper
53 100
52 82.6 66.1 99.1
51 38.2 29.6 44.4



#16
Acetone
Concen: 272.149 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion: 43 Resp: 256329
Ion Ratio Lower Upper
43 100
58 28.0 23.7 35.5

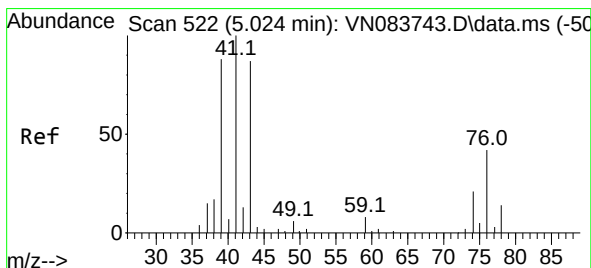
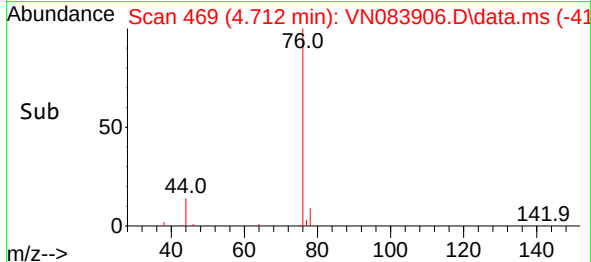
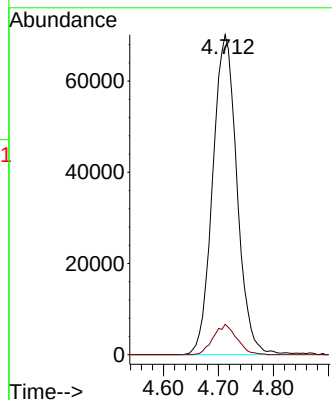
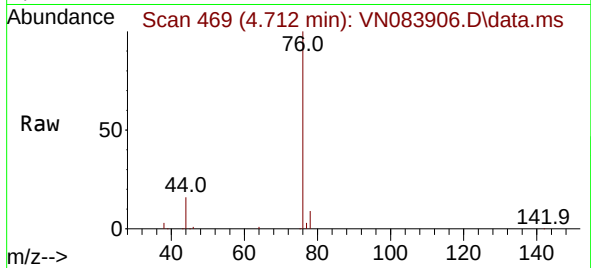




#17
Carbon Disulfide
Concen: 45.584 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

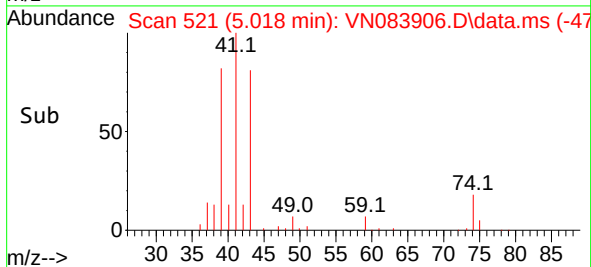
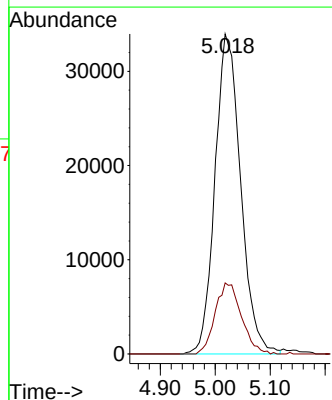
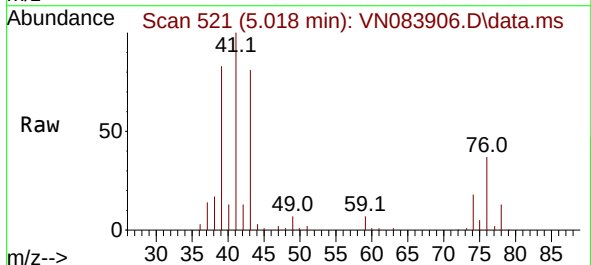
Instrument :
MSVOA_N
ClientSampleId :

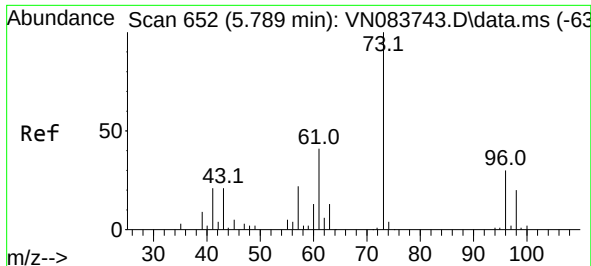
Tgt Ion: 76 Resp: 214900
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 56.369 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion: 43 Resp: 110156
Ion Ratio Lower Upper
43 100
74 22.7 19.0 28.4





#19

Methyl tert-butyl Ether

Concen: 49.978 ug/l

RT: 5.794 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

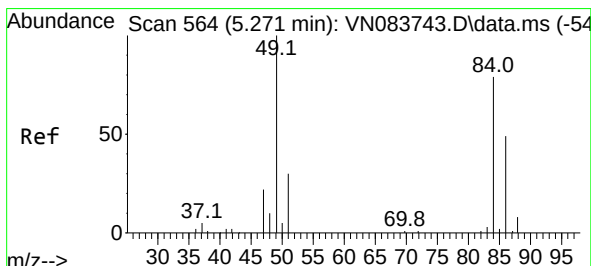
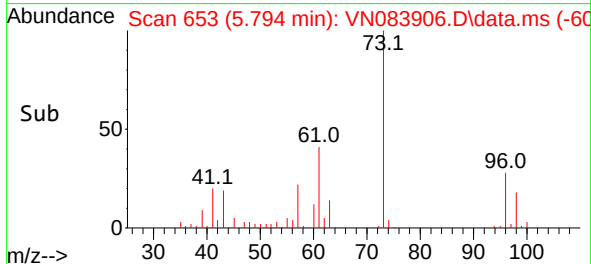
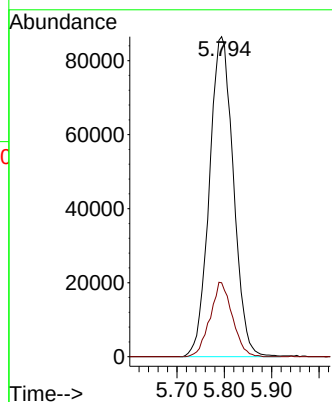
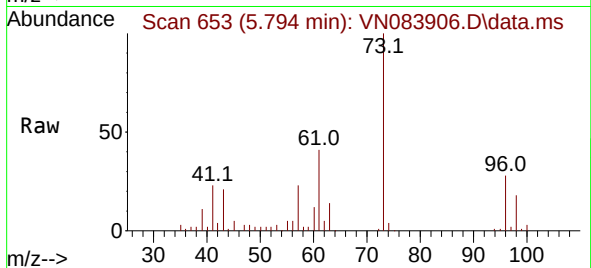
ClientSampleId :

Tgt Ion: 73 Resp: 304799

Ion Ratio Lower Upper

73 100

57 23.1 17.0 25.6



#20

Methylene Chloride

Concen: 48.620 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Tgt Ion: 84 Resp: 93711

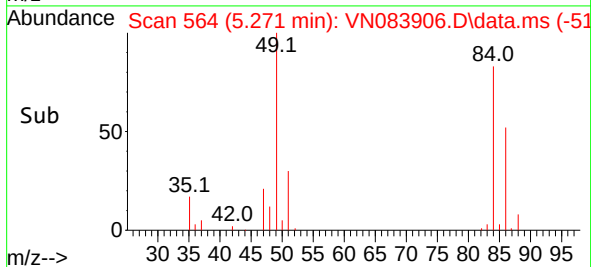
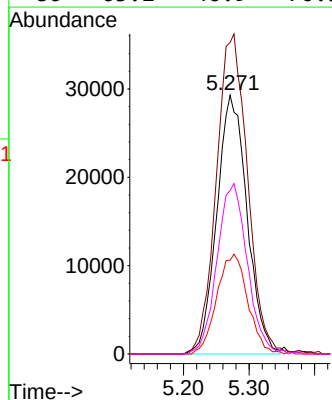
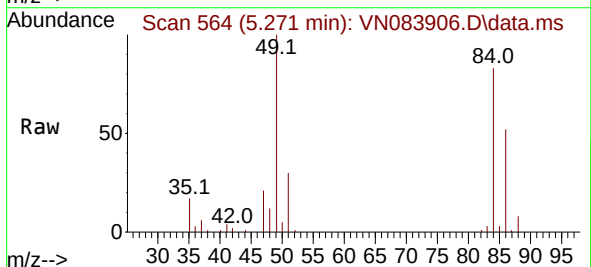
Ion Ratio Lower Upper

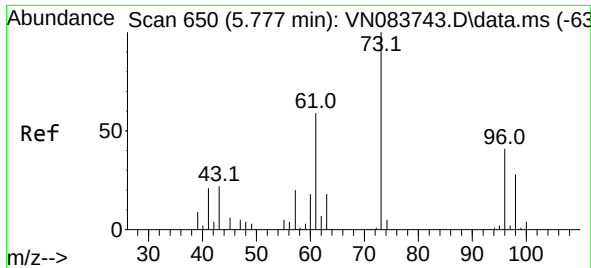
84 100

49 120.5 93.4 140.0

51 36.3 29.2 43.8

86 63.2 46.9 70.3

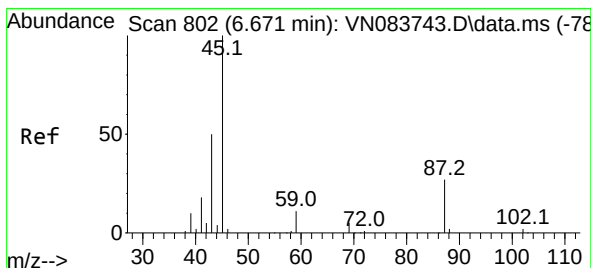
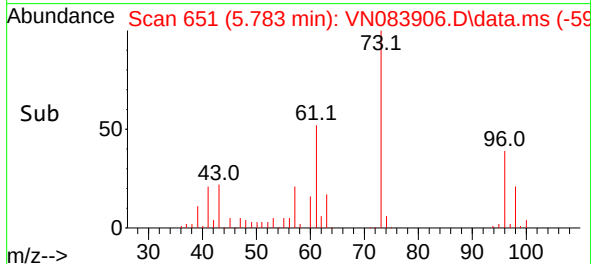
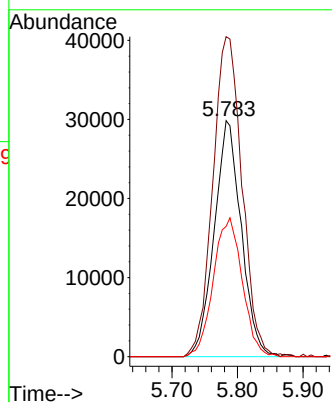
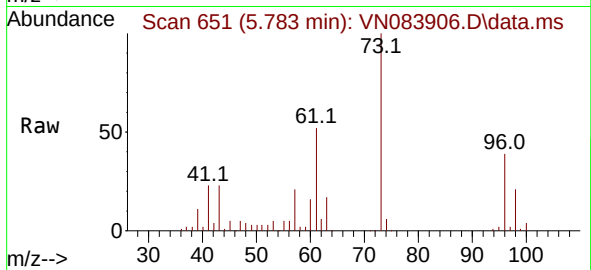




#21
trans-1,2-Dichloroethene
Concen: 47.213 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

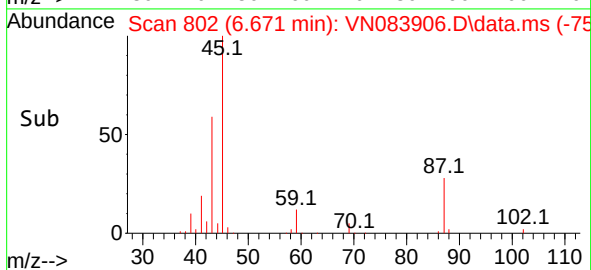
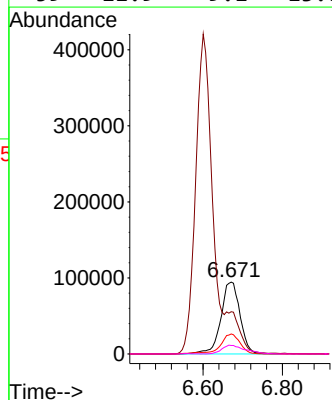
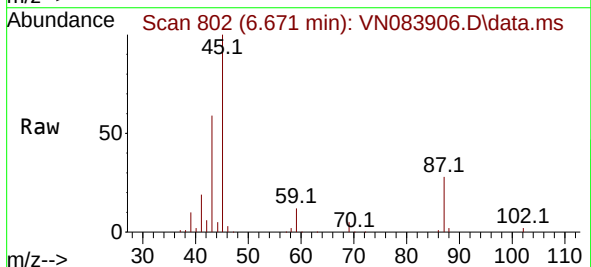
Instrument :
MSVOA_N
ClientSampleId :

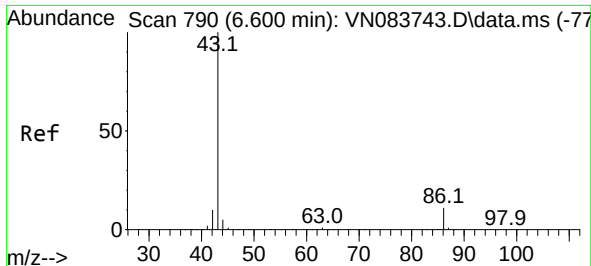
Tgt Ion: 96 Resp: 85274
Ion Ratio Lower Upper
96 100
61 135.6 106.0 159.0
98 55.2 52.2 78.2



#22
Diisopropyl ether
Concen: 51.179 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

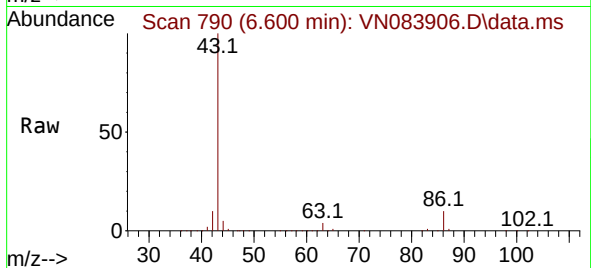
Tgt Ion: 45 Resp: 316381
Ion Ratio Lower Upper
45 100
43 58.0 43.4 65.0
87 27.8 22.6 33.8
59 11.9 9.1 13.7



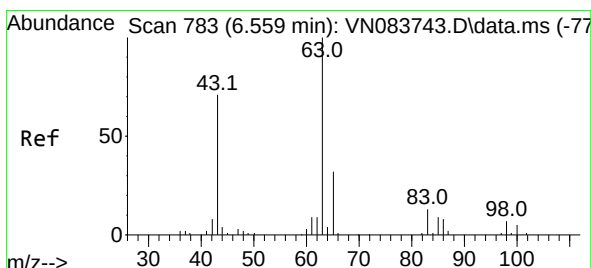
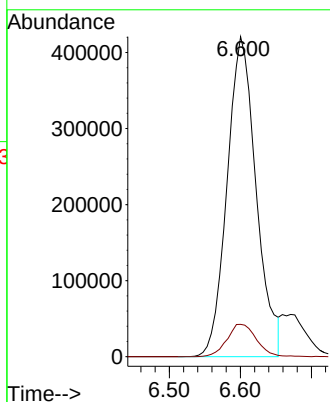
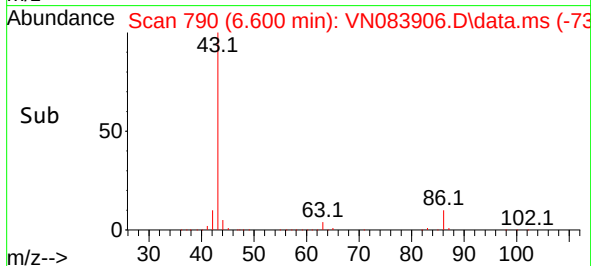


#23
 Vinyl Acetate
 Concen: 264.690 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53

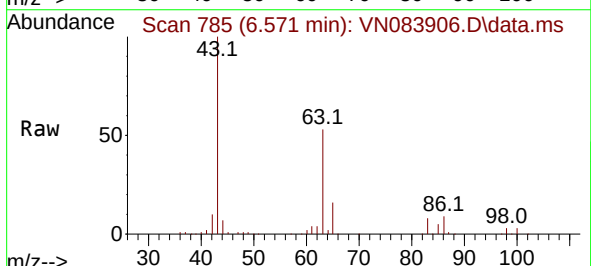
Instrument :
 MSVOA_N
 ClientSampleId :



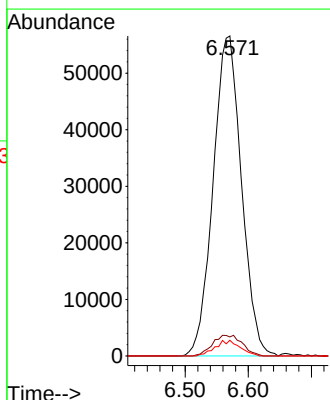
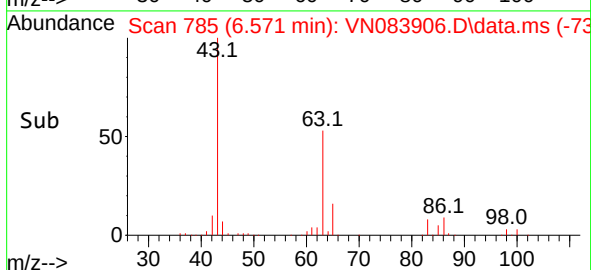
Tgt Ion: 43 Resp: 1198277
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.7 13.1

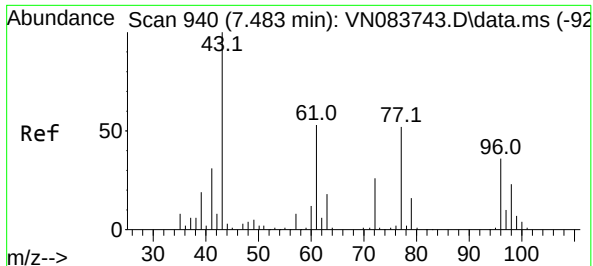


#24
 1,1-Dichloroethane
 Concen: 49.519 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.012 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53



Tgt Ion: 63 Resp: 176362
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.4
 100 4.9 2.5 7.5





#25

2-Butanone

Concen: 270.661 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

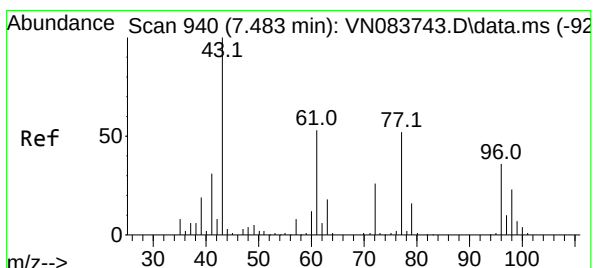
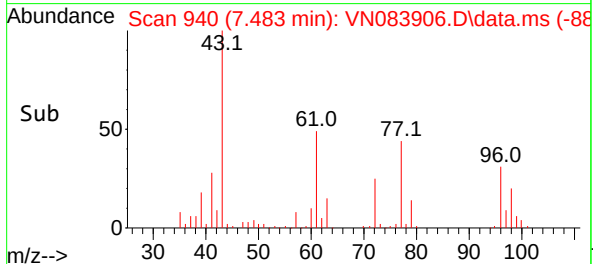
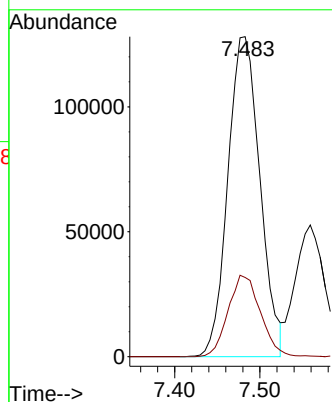
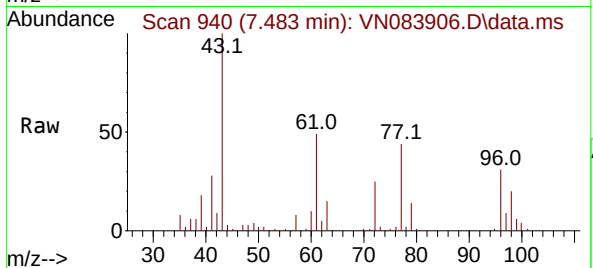
ClientSampleId :

Tgt Ion: 43 Resp: 335062

Ion Ratio Lower Upper

43 100

72 24.7 20.8 31.2



#26

2,2-Dichloropropane

Concen: 50.877 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN083906.D

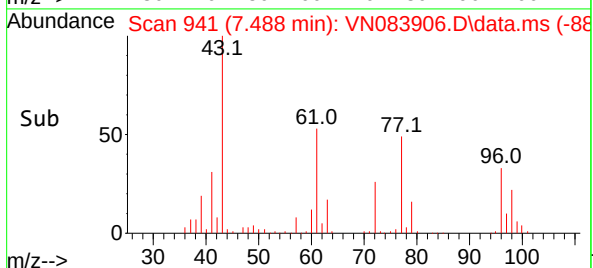
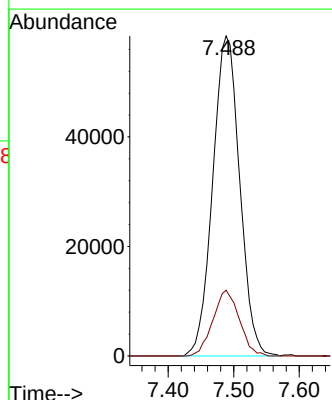
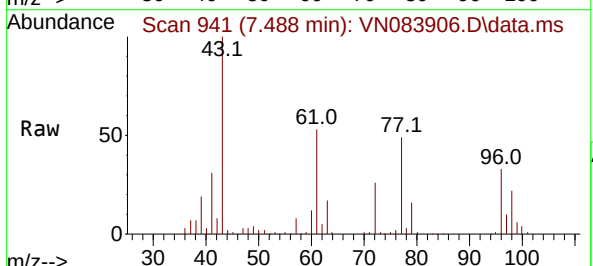
Acq: 16 Sep 2024 08:53

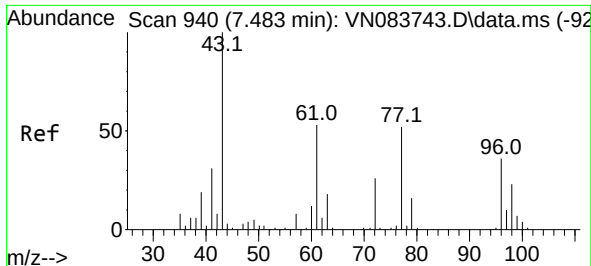
Tgt Ion: 77 Resp: 166872

Ion Ratio Lower Upper

77 100

97 20.1 10.2 30.4

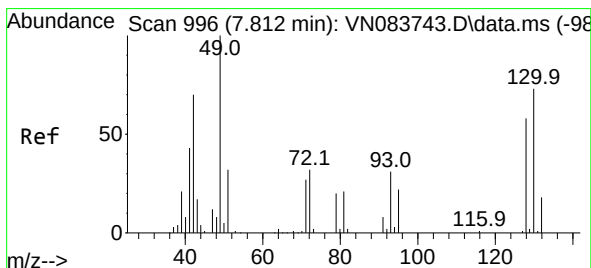
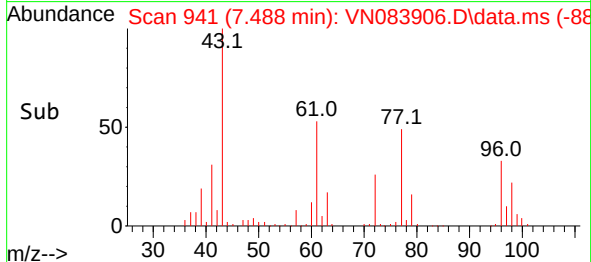
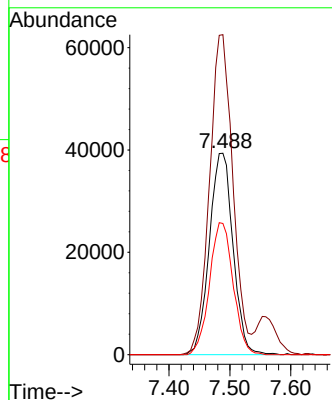
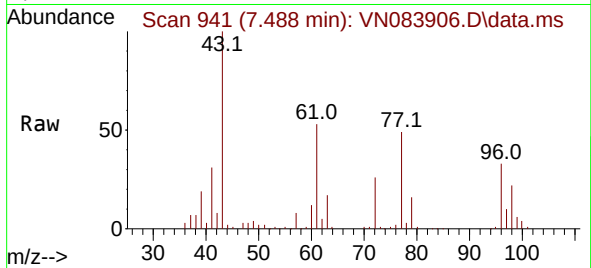




#27
 cis-1,2-Dichloroethene
 Concen: 49.638 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53

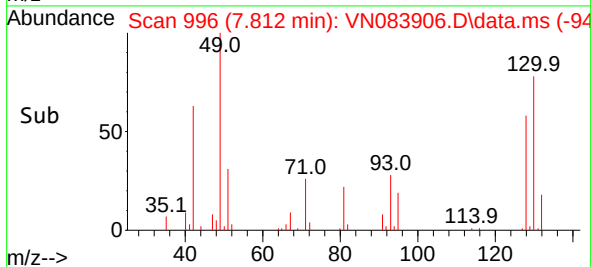
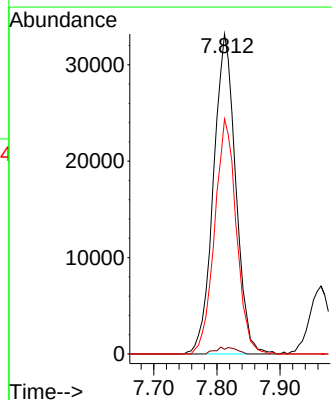
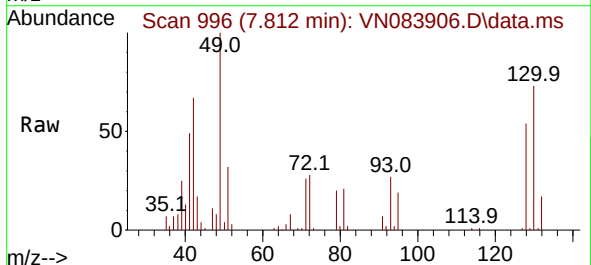
Instrument :
 MSVOA_N
 ClientSampleId :

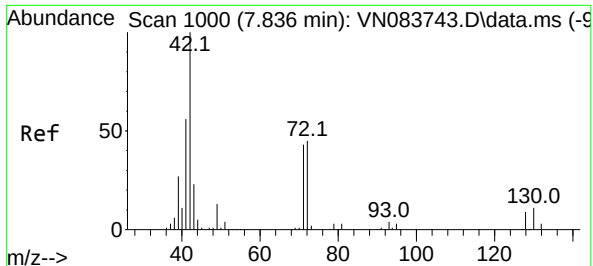
Tgt Ion: 96 Resp: 106429
 Ion Ratio Lower Upper
 96 100
 61 156.7 0.0 306.2
 98 65.2 0.0 128.6



#28
 Bromochloromethane
 Concen: 54.092 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53

Tgt Ion: 49 Resp: 81129
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 71.8 60.2 90.2





#29

Tetrahydrofuran

Concen: 273.505 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

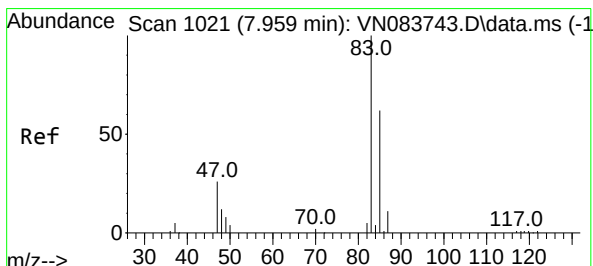
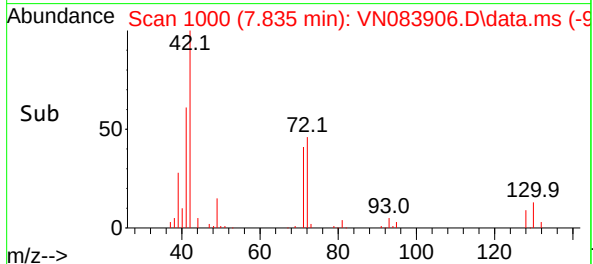
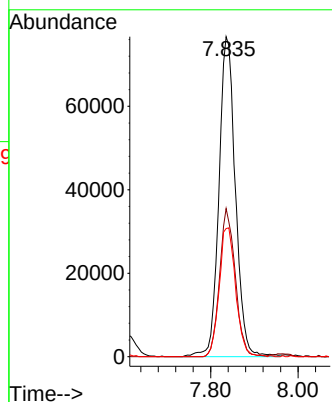
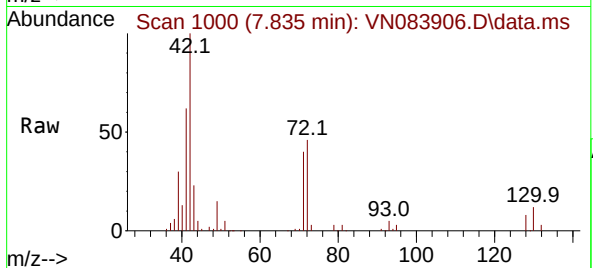
Tgt Ion: 42 Resp: 200201

Ion Ratio Lower Upper

42 100

72 43.8 35.9 53.9

71 40.3 33.9 50.9



#30

Chloroform

Concen: 49.985 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN083906.D

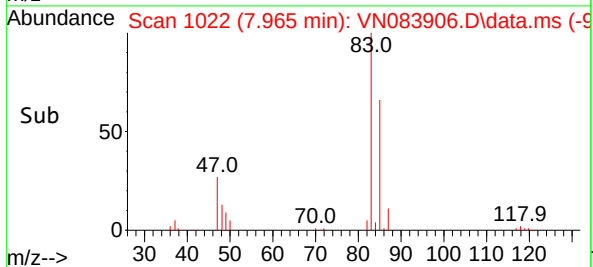
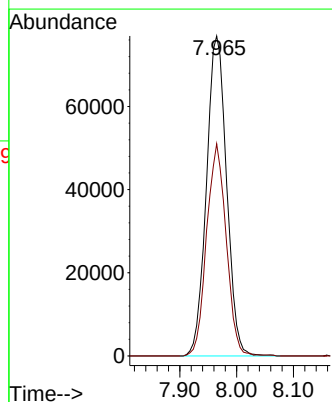
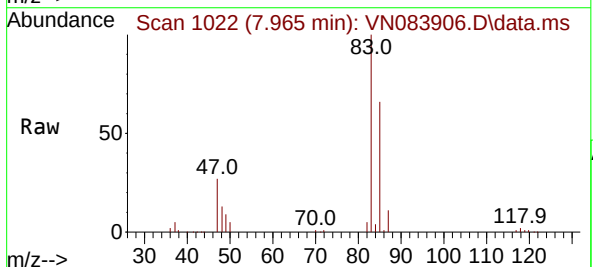
Acq: 16 Sep 2024 08:53

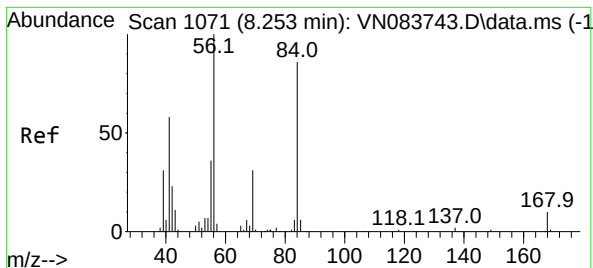
Tgt Ion: 83 Resp: 188996

Ion Ratio Lower Upper

83 100

85 66.3 52.8 79.2





#31

Cyclohexane

Concen: 43.296 ug/l

RT: 8.259 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

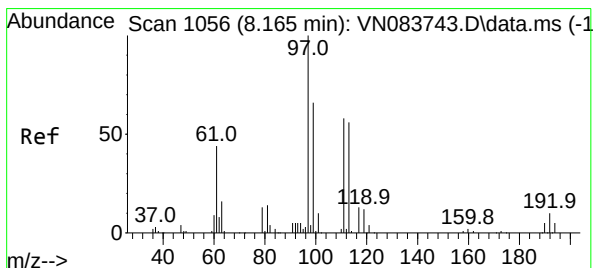
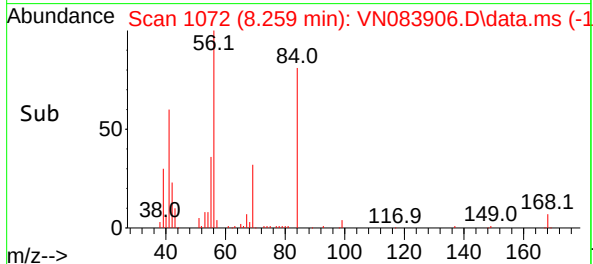
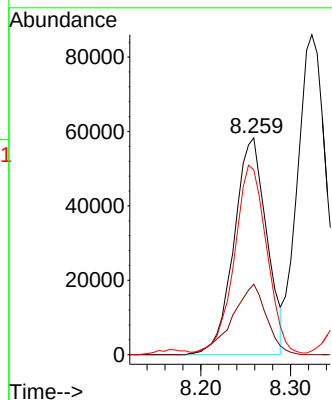
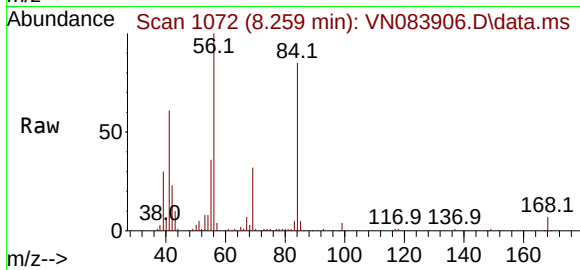
Tgt Ion: 56 Resp: 147022

Ion Ratio Lower Upper

56 100

69 32.4 26.9 40.3

84 83.5 69.2 103.8



#32

1,1,1-Trichloroethane

Concen: 49.497 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

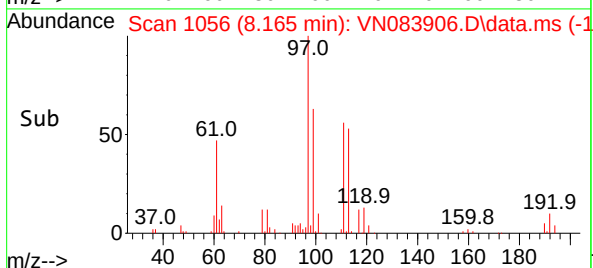
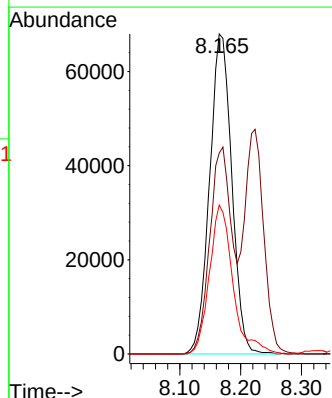
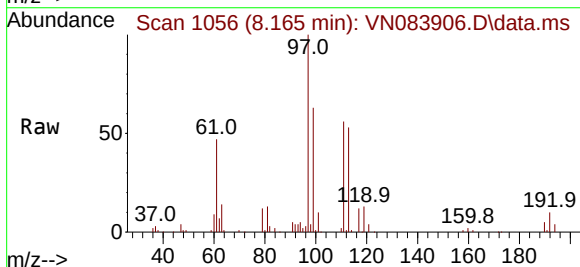
Tgt Ion: 97 Resp: 172086

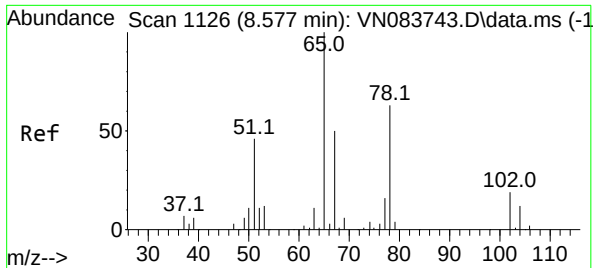
Ion Ratio Lower Upper

97 100

99 64.0 52.3 78.5

61 49.3 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 51.329 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

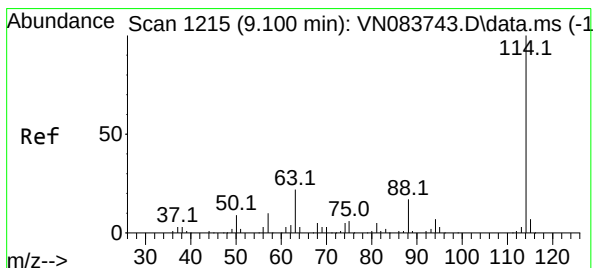
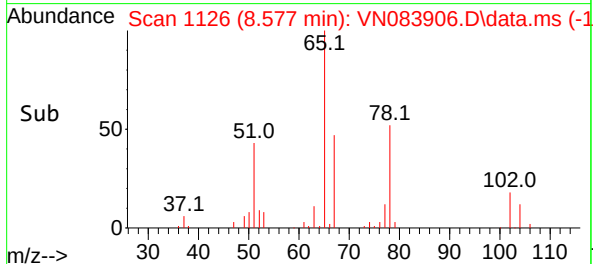
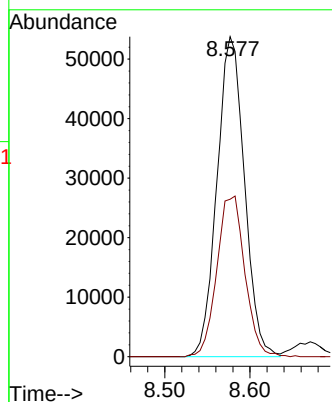
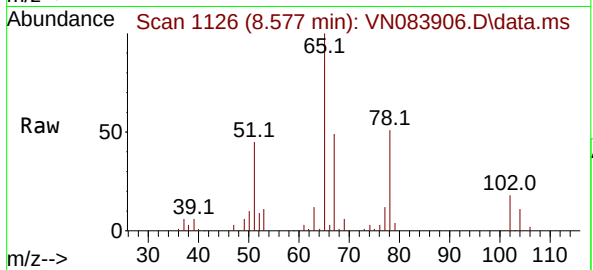
ClientSampleId :

Tgt Ion: 65 Resp: 120599

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

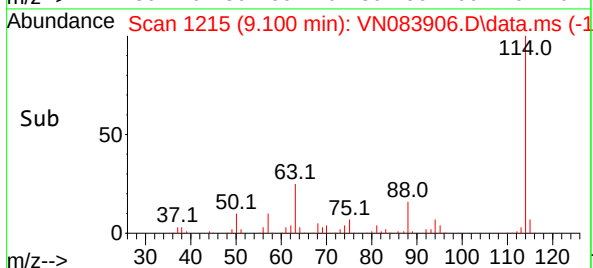
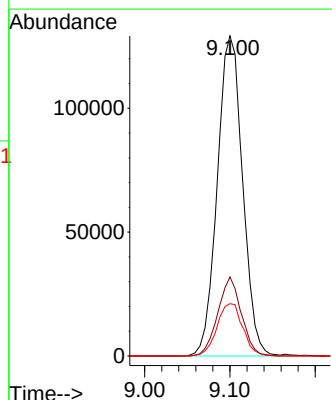
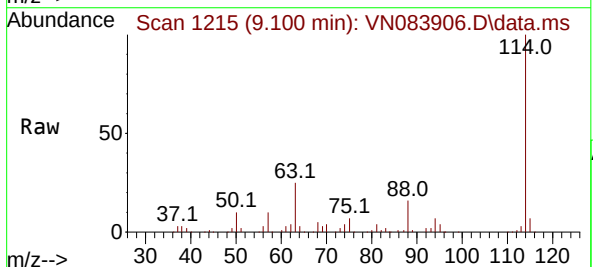
Tgt Ion: 114 Resp: 266891

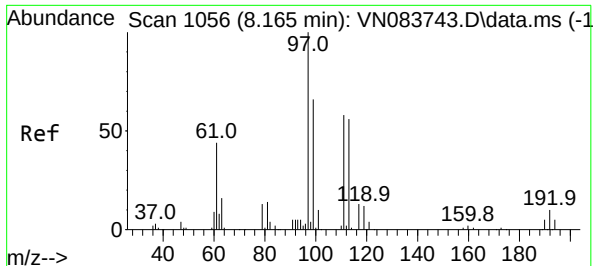
Ion Ratio Lower Upper

114 100

63 24.7 0.0 43.4

88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.334 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

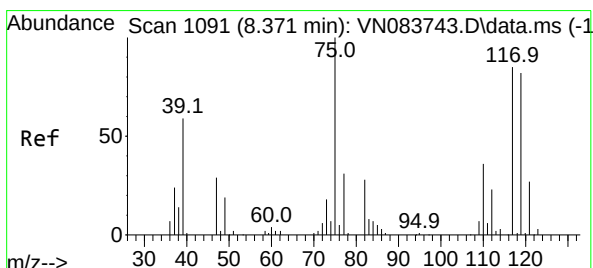
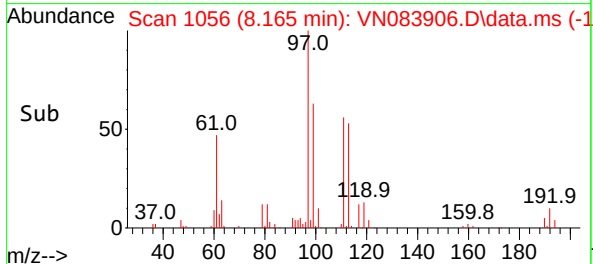
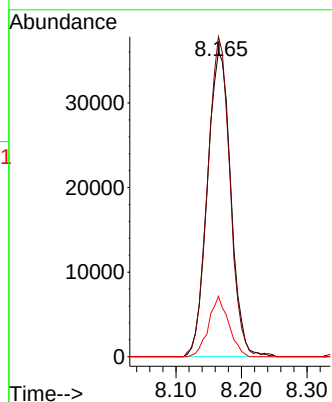
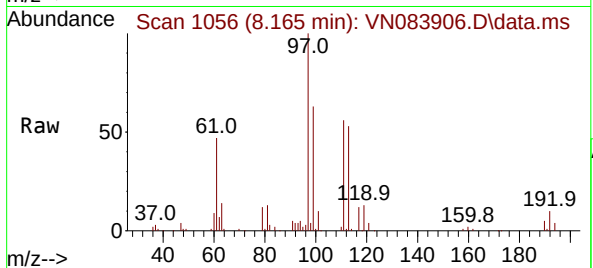
Tgt Ion:113 Resp: 89418

Ion Ratio Lower Upper

113 100

111 100.5 82.6 124.0

192 17.0 14.3 21.5



#36

1,1-Dichloropropene

Concen: 49.464 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

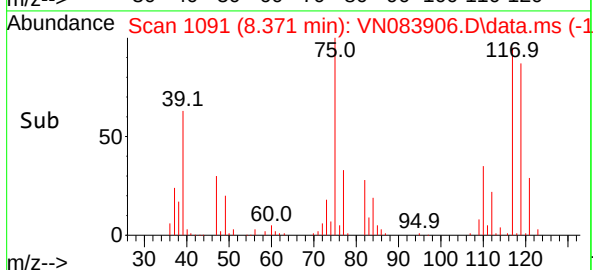
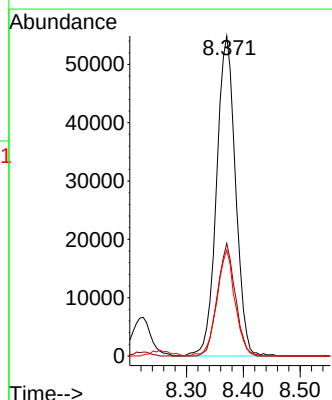
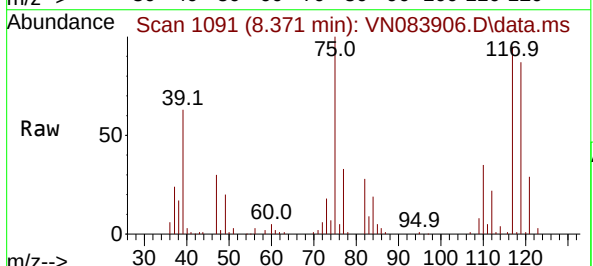
Tgt Ion: 75 Resp: 127207

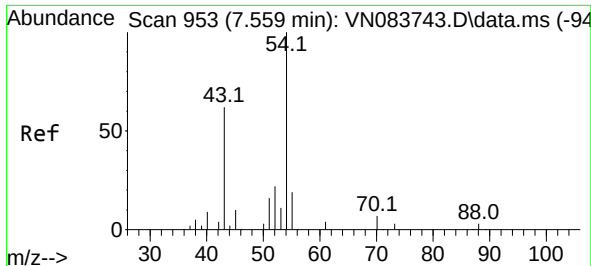
Ion Ratio Lower Upper

75 100

110 33.1 16.7 50.1

77 31.5 25.2 37.8





#37

Ethyl Acetate

Concen: 56.458 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

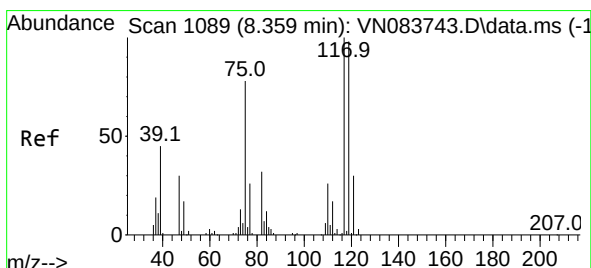
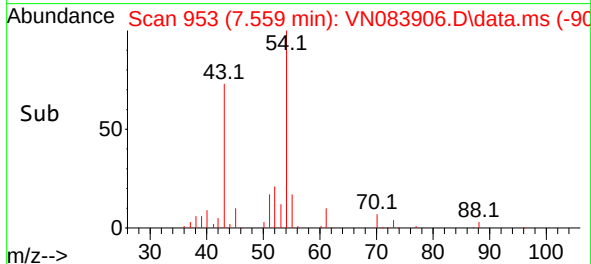
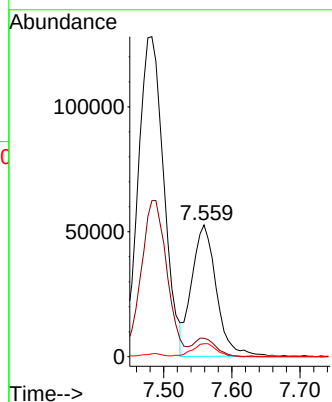
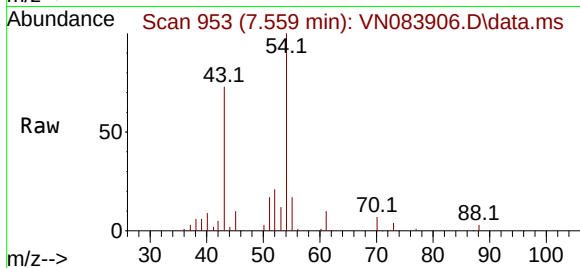
Tgt Ion: 43 Resp: 131792

Ion Ratio Lower Upper

43 100

61 12.9 11.1 16.7

70 9.8 8.8 13.2



#38

Carbon Tetrachloride

Concen: 51.067 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

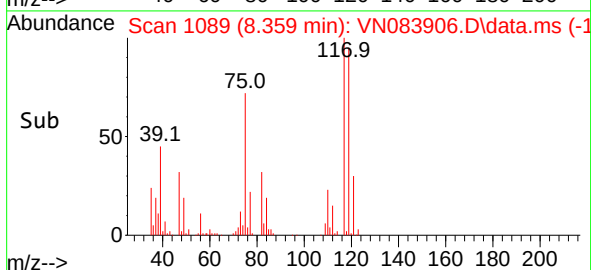
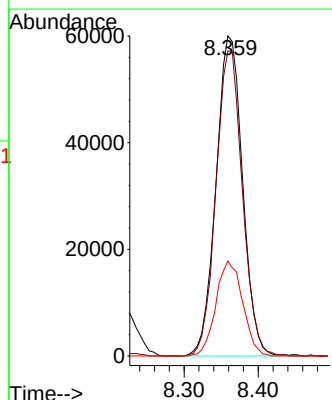
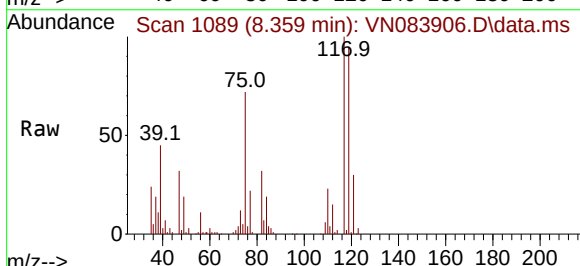
Tgt Ion: 117 Resp: 148992

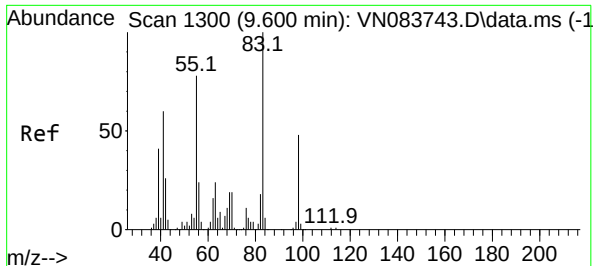
Ion Ratio Lower Upper

117 100

119 95.3 76.1 114.1

121 29.7 24.1 36.1





#39

Methylcyclohexane

Concen: 48.480 ug/l

RT: 9.600 min Scan# 111

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

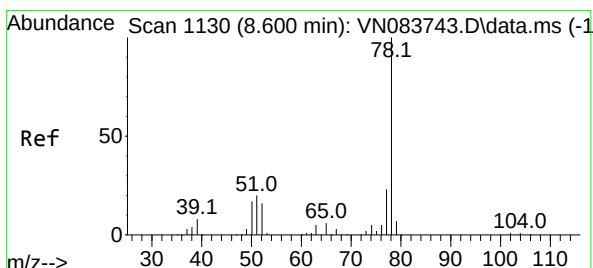
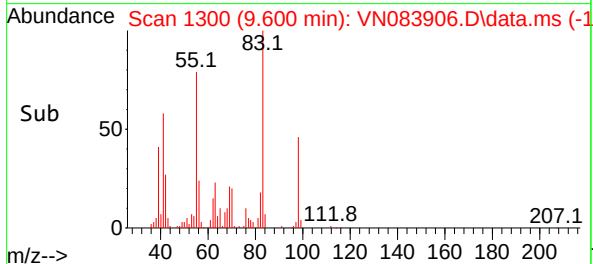
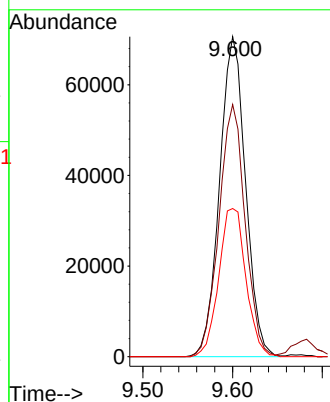
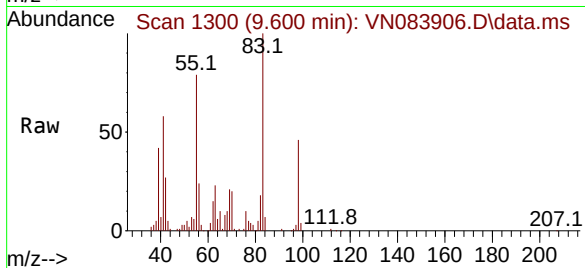
Tgt Ion: 83 Resp: 141911

Ion Ratio Lower Upper

83 100

55 78.8 62.2 93.4

98 46.3 37.6 56.4



#40

Benzene

Concen: 49.694 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN083906.D

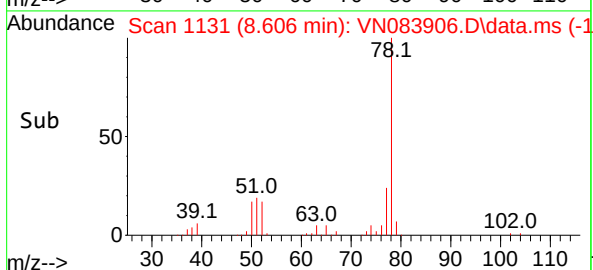
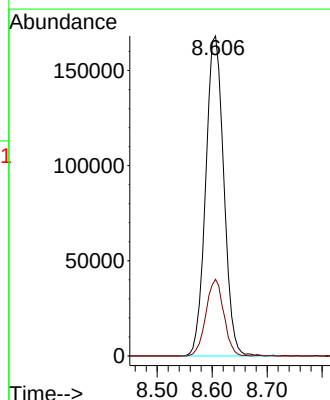
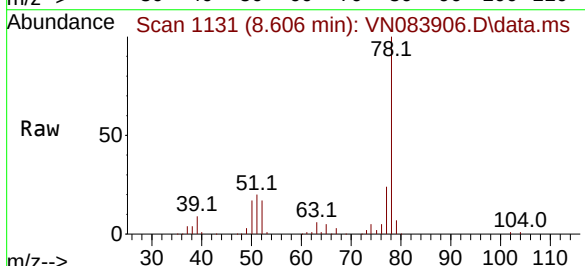
Acq: 16 Sep 2024 08:53

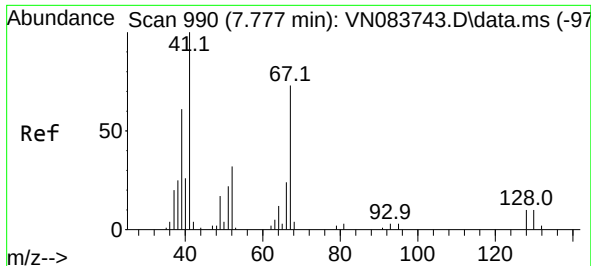
Tgt Ion: 78 Resp: 384652

Ion Ratio Lower Upper

78 100

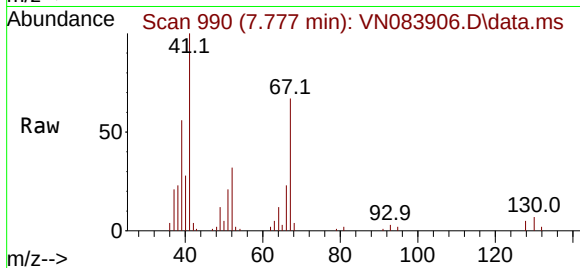
77 23.9 19.0 28.6



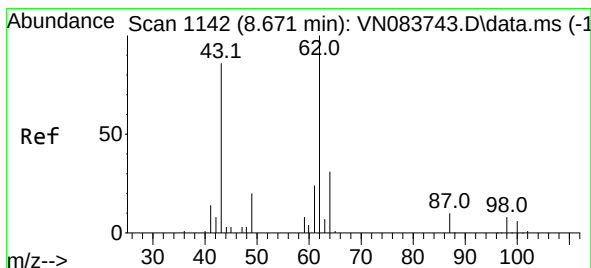
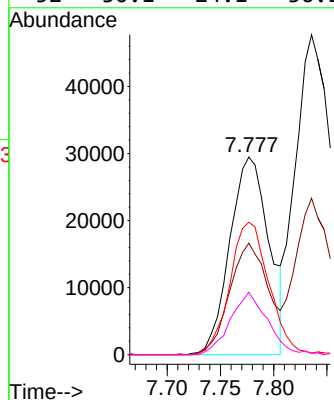
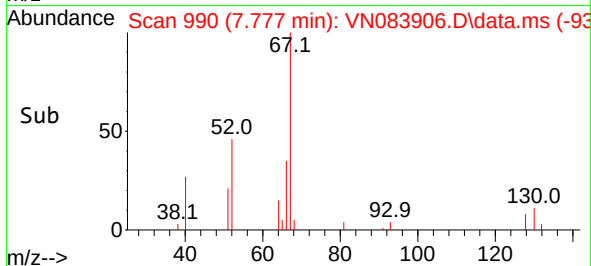


#41
Methacrylonitrile
Concen: 54.715 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Instrument :
MSVOA_N
ClientSampleId :

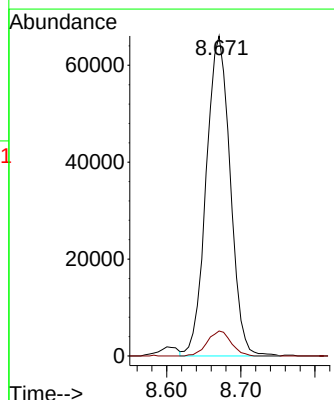
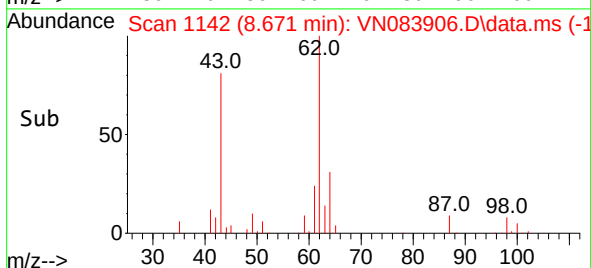
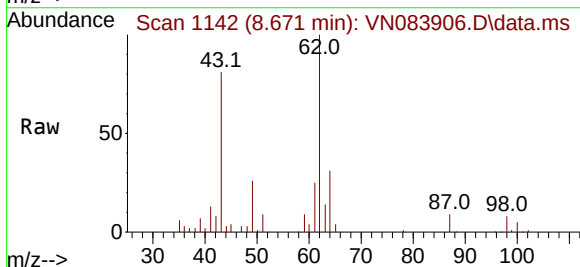


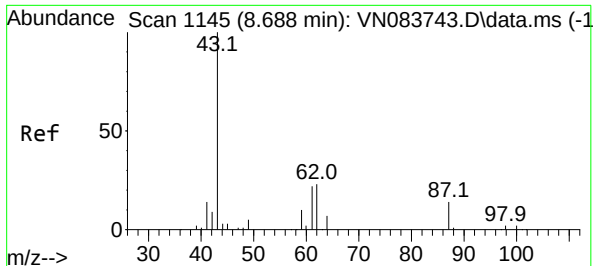
Tgt Ion:	41	Resp:	75542
Ion	Ratio	Lower	Upper
41	100		
39	55.9	45.4	68.2
67	67.0	55.9	83.9
52	30.1	24.1	36.1



#42
1,2-Dichloroethane
Concen: 51.422 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion:	62	Resp:	148729
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 54.155 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

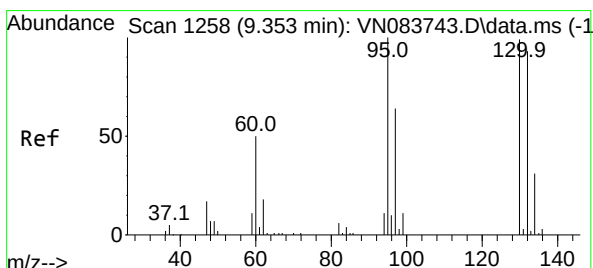
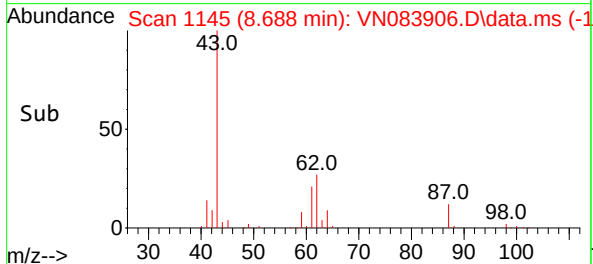
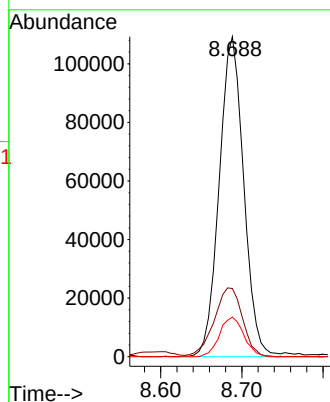
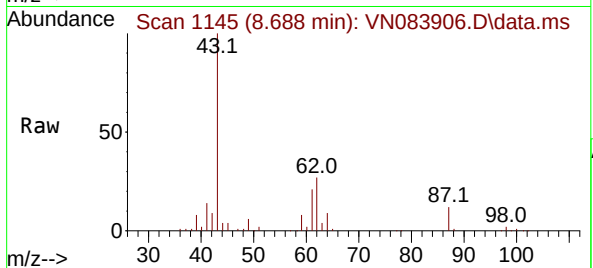
Tgt Ion: 43 Resp: 229081

Ion Ratio Lower Upper

43 100

61 24.9 19.4 29.0

87 12.2 9.8 14.6



#44

Trichloroethene

Concen: 53.431 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.006 min

Lab File: VN083906.D

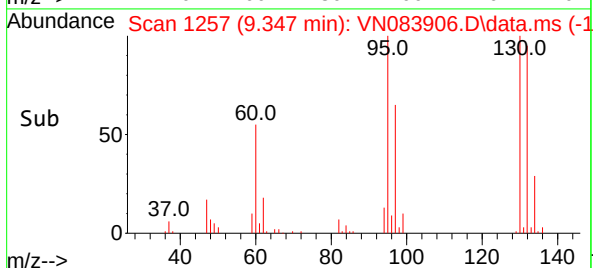
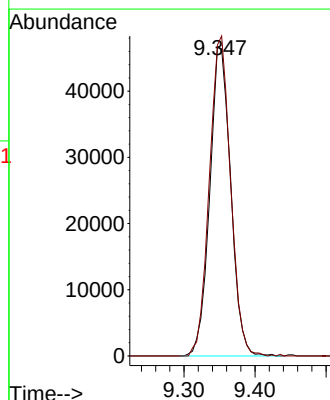
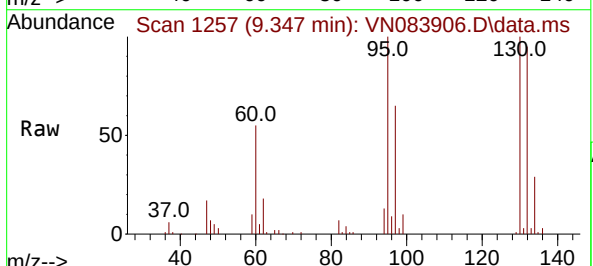
Acq: 16 Sep 2024 08:53

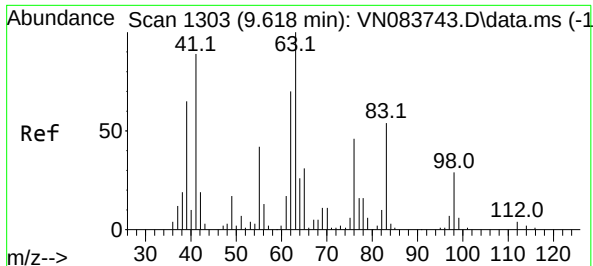
Tgt Ion:130 Resp: 95775

Ion Ratio Lower Upper

130 100

95 100.4 0.0 200.4





#45

1,2-Dichloropropane

Concen: 50.669 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

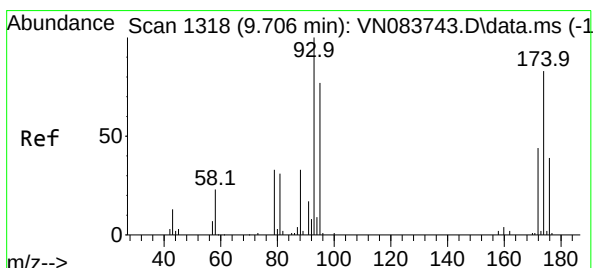
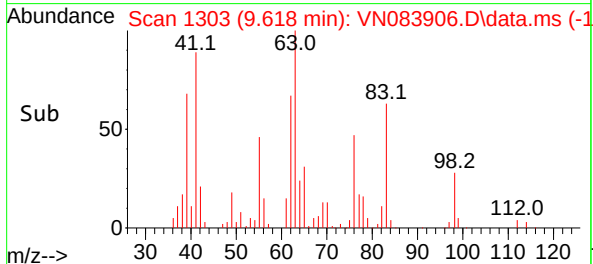
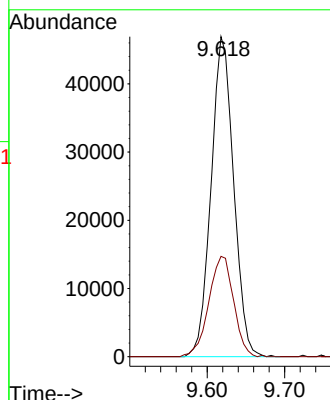
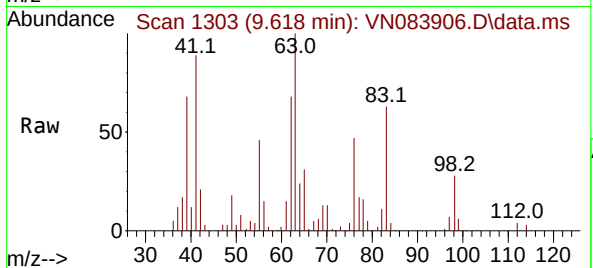
ClientSampleId :

Tgt Ion: 63 Resp: 94793

Ion Ratio Lower Upper

63 100

65 31.4 25.9 38.9



#46

Dibromomethane

Concen: 52.839 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

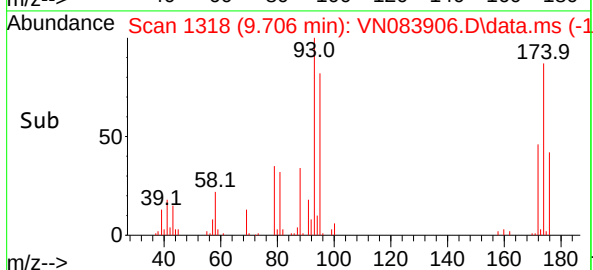
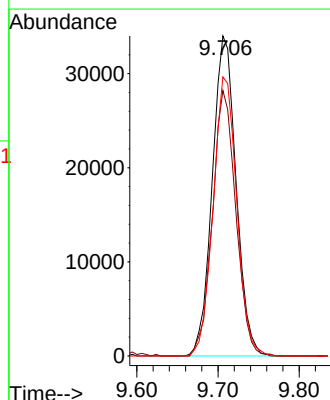
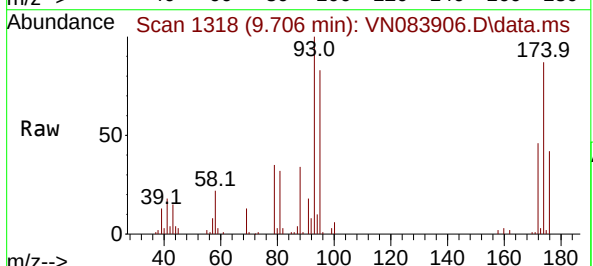
Tgt Ion: 93 Resp: 69240

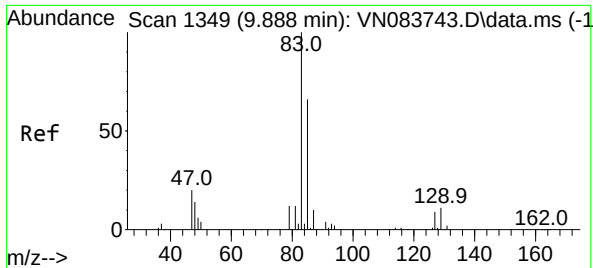
Ion Ratio Lower Upper

93 100

95 81.5 65.3 97.9

174 86.5 71.0 106.4

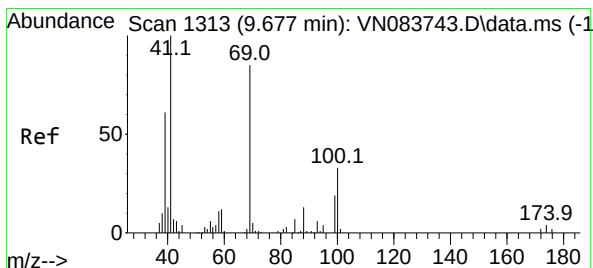
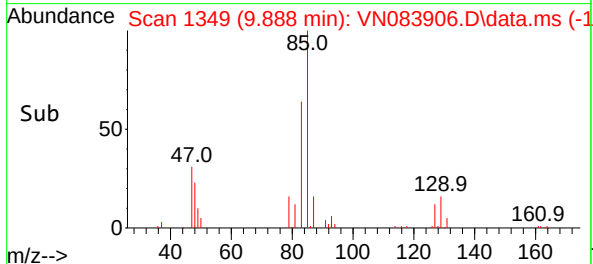
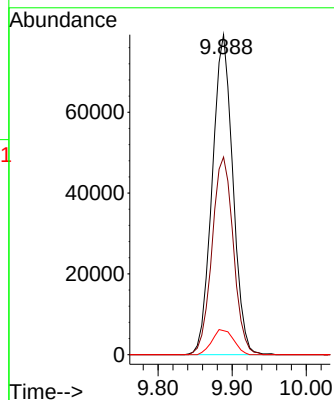
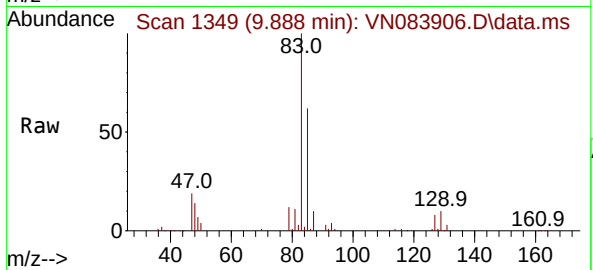




#47
Bromodichloromethane
Concen: 53.899 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

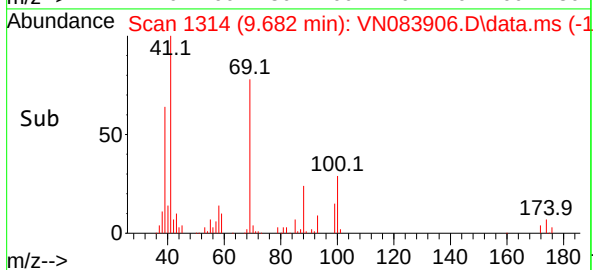
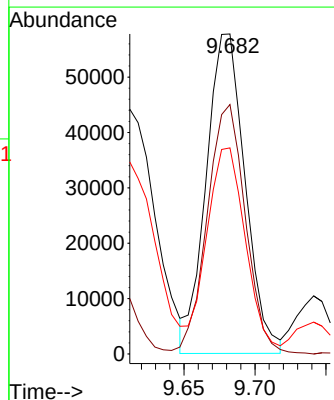
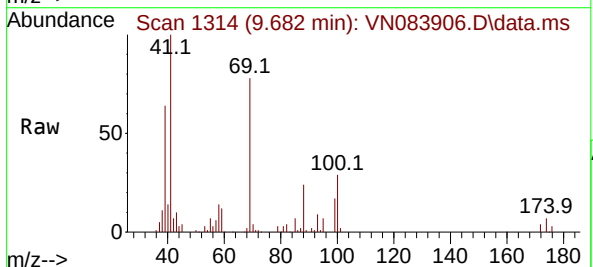
Instrument :
MSVOA_N
ClientSampleId :

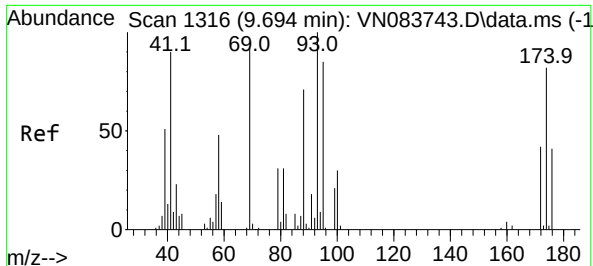
Tgt Ion: 83 Resp: 152855
Ion Ratio Lower Upper
83 100
85 61.8 51.8 77.8
127 7.5 6.6 9.8



#48
Methyl methacrylate
Concen: 54.823 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion: 41 Resp: 110027
Ion Ratio Lower Upper
41 100
69 76.7 64.3 96.5
39 65.6 48.9 73.3





#49

1,4-Dioxane

Concen: 1077.771 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

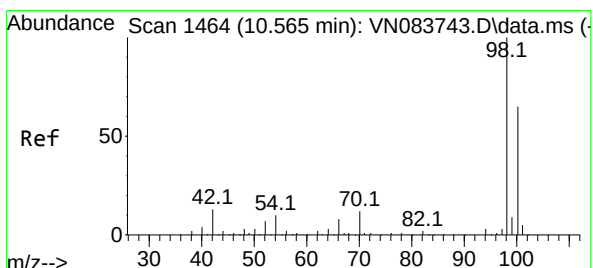
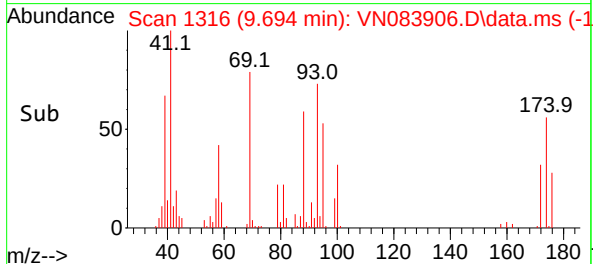
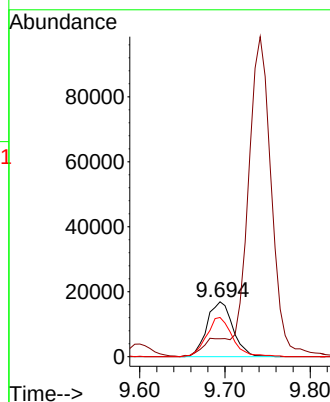
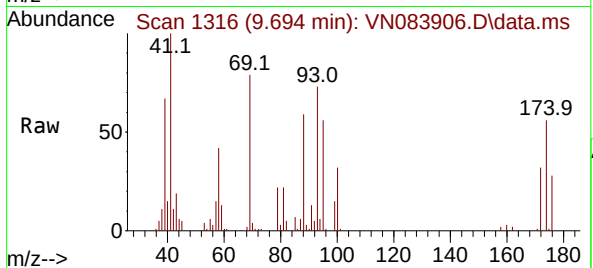
Tgt Ion: 88 Resp: 35583

Ion Ratio Lower Upper

88 100

43 24.2 0.0 0.0#

58 71.8 57.1 85.7



#50

Toluene-d8

Concen: 53.519 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083906.D

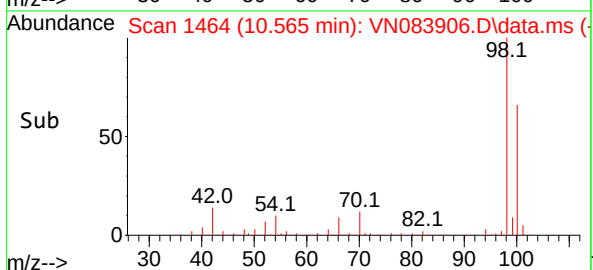
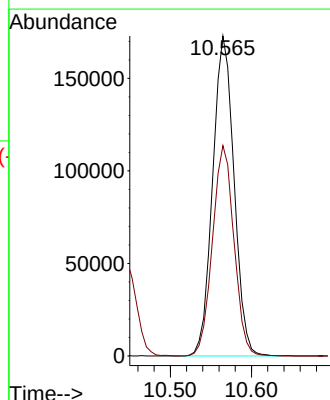
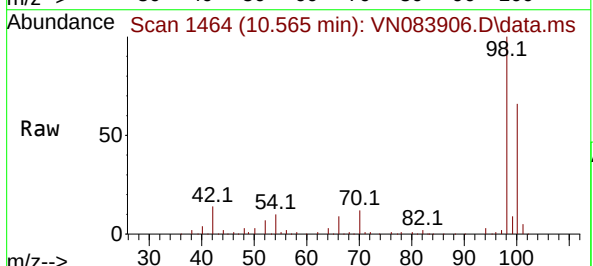
Acq: 16 Sep 2024 08:53

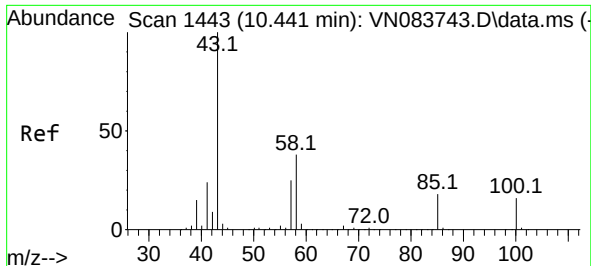
Tgt Ion: 98 Resp: 316123

Ion Ratio Lower Upper

98 100

100 66.1 52.0 78.0

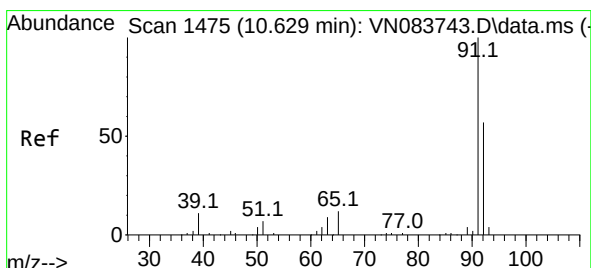
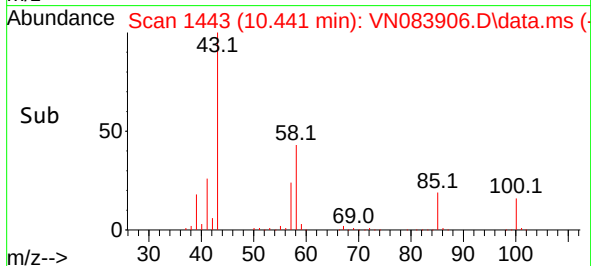
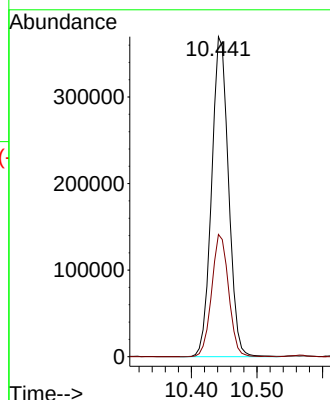
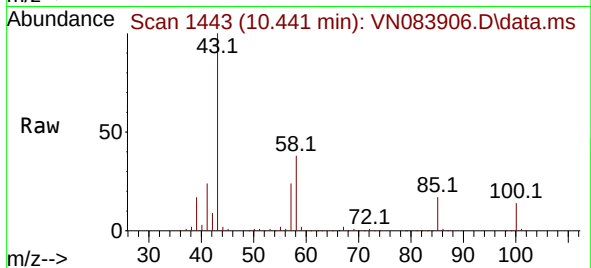




#51
4-Methyl-2-Pentanone
Concen: 287.128 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

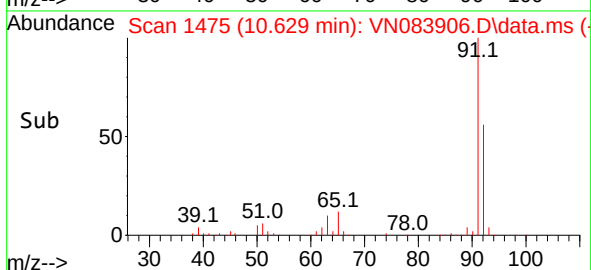
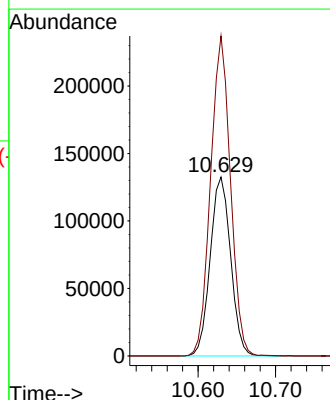
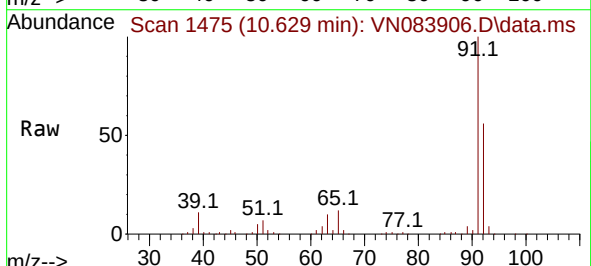
Instrument :
MSVOA_N
ClientSampleId :

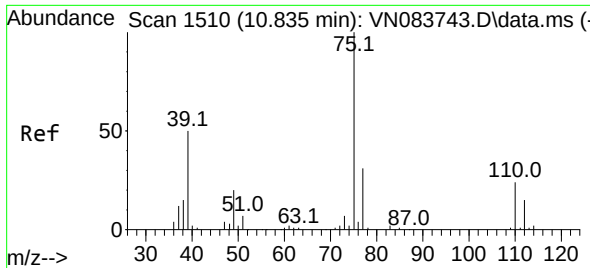
Tgt Ion: 43 Resp: 661161
Ion Ratio Lower Upper
43 100
58 38.2 31.6 47.4



#52
Toluene
Concen: 51.205 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion: 92 Resp: 242436
Ion Ratio Lower Upper
92 100
91 174.5 134.7 202.1

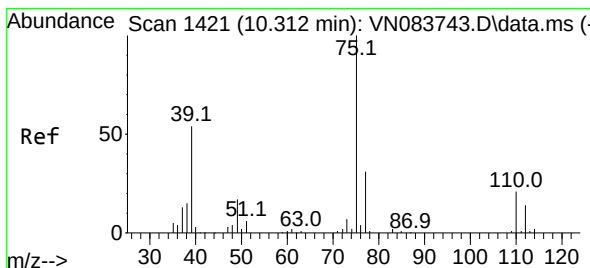
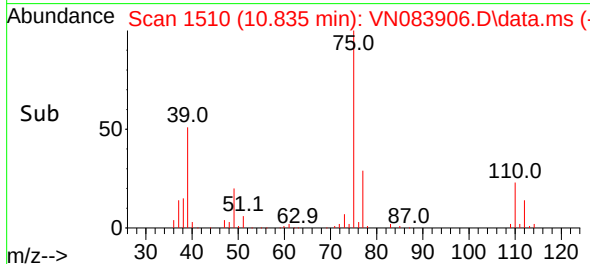
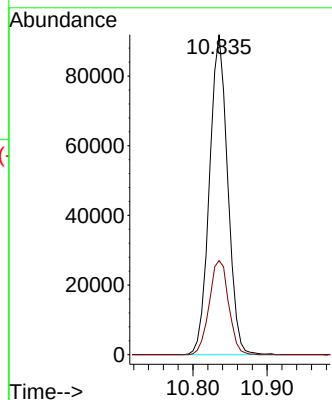
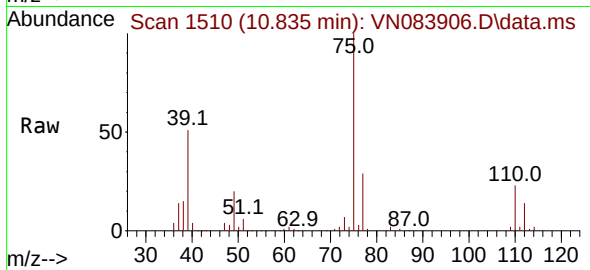




#53
 t-1,3-Dichloropropene
 Concen: 54.547 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53

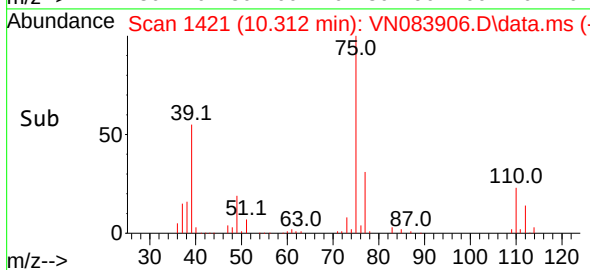
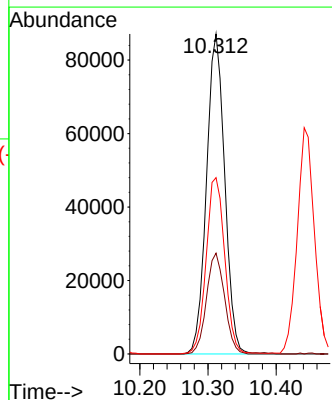
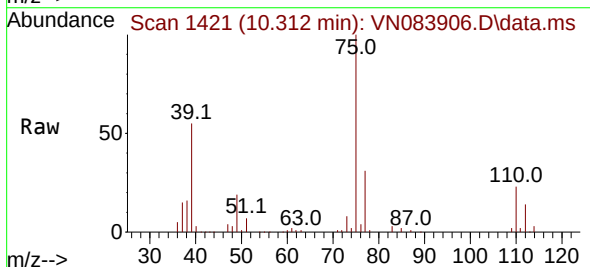
Instrument :
 MSVOA_N
 ClientSampleId :

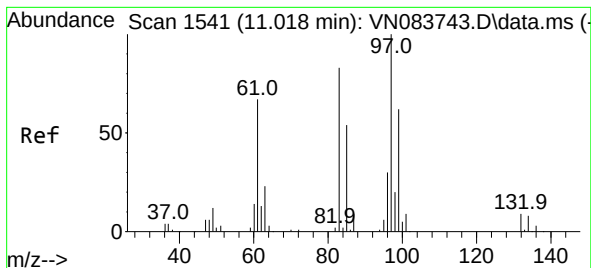
Tgt Ion: 75 Resp: 156799
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 53.634 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53

Tgt Ion: 75 Resp: 161950
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.6
 39 55.1 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 51.332 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 90733

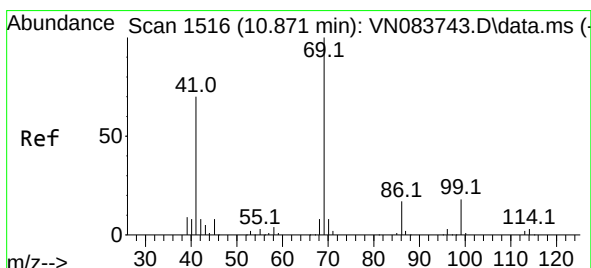
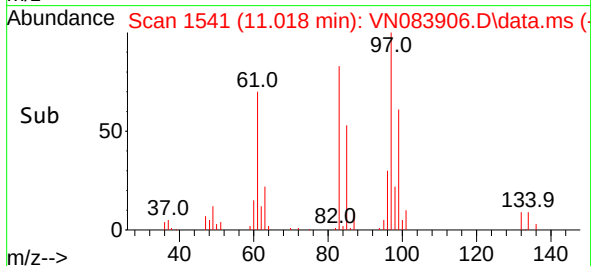
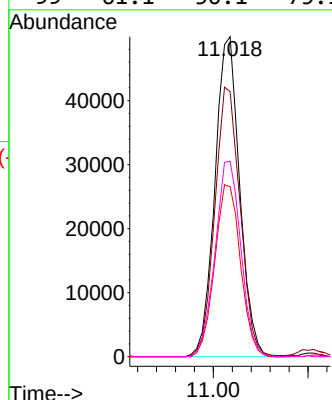
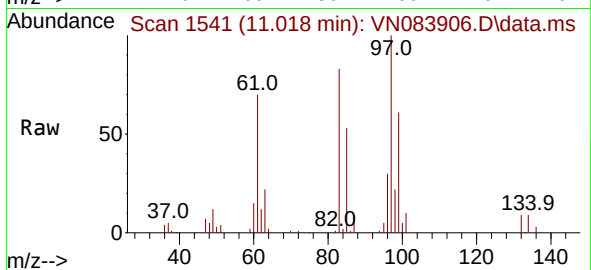
Ion Ratio Lower Upper

97 100

83 82.9 67.5 101.3

85 53.1 44.2 66.2

99 61.1 50.1 75.1



#56

Ethyl methacrylate

Concen: 57.031 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

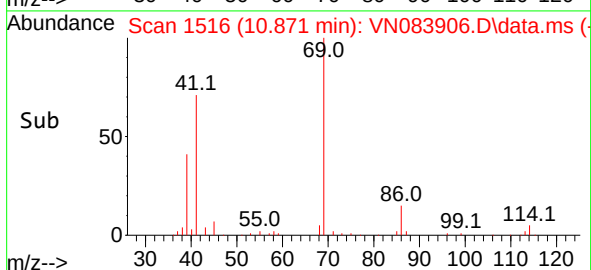
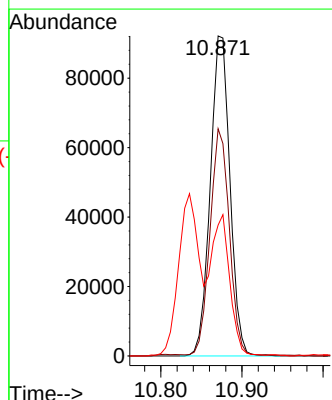
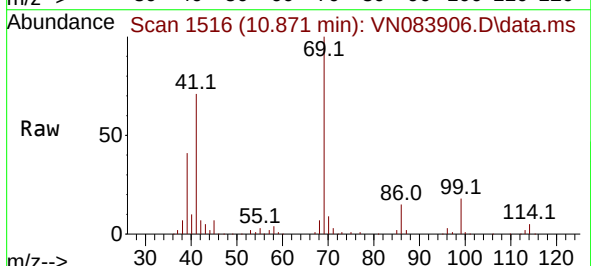
Tgt Ion: 69 Resp: 155094

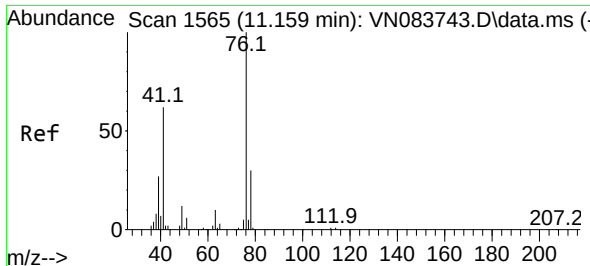
Ion Ratio Lower Upper

69 100

41 69.4 53.9 80.9

39 42.3 32.6 48.8





#57

1,3-Dichloropropane

Concen: 52.213 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

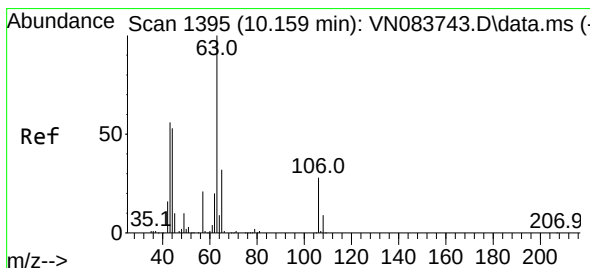
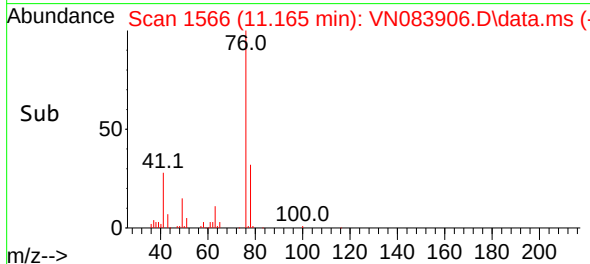
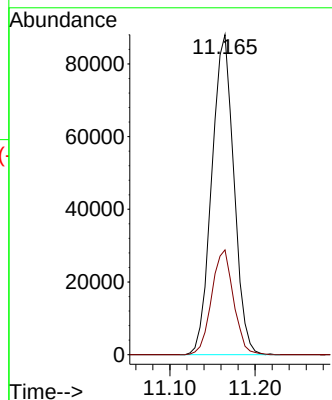
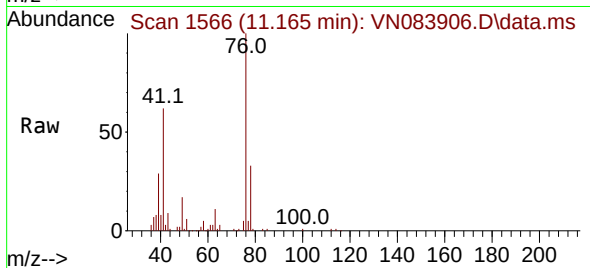
ClientSampleId :

Tgt Ion: 76 Resp: 158619

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 346.893 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN083906.D

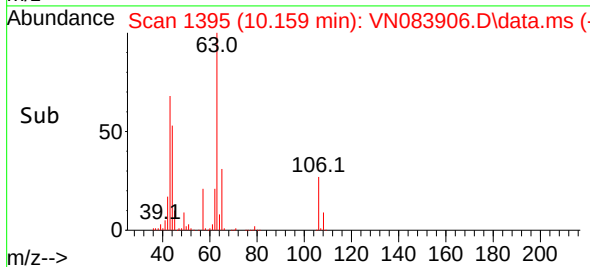
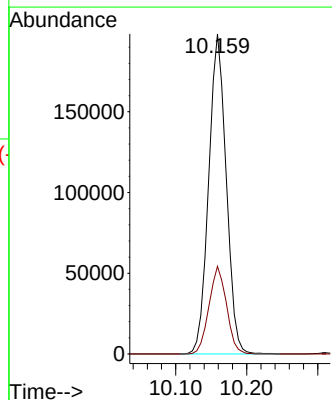
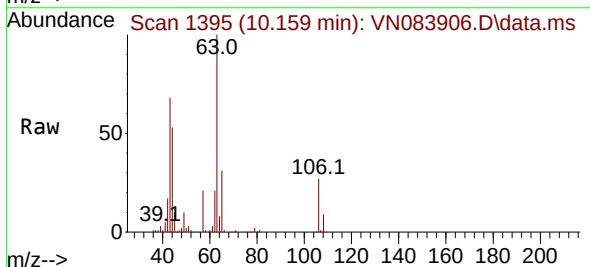
Acq: 16 Sep 2024 08:53

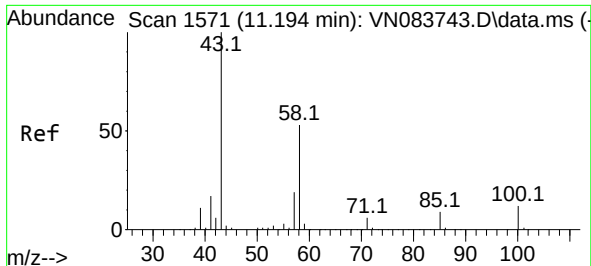
Tgt Ion: 63 Resp: 339918

Ion Ratio Lower Upper

63 100

106 27.3 23.3 34.9

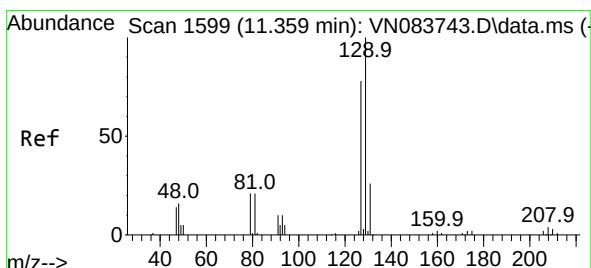
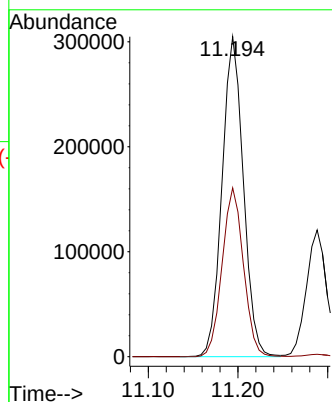
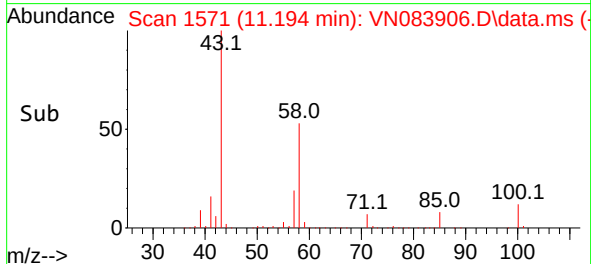
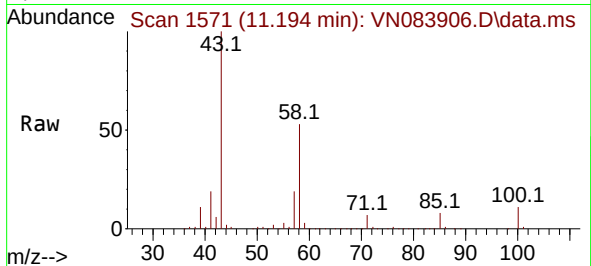




#59
2-Hexanone
Concen: 295.100 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

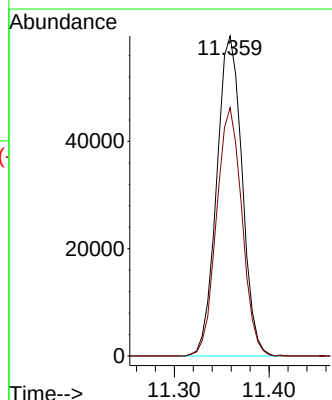
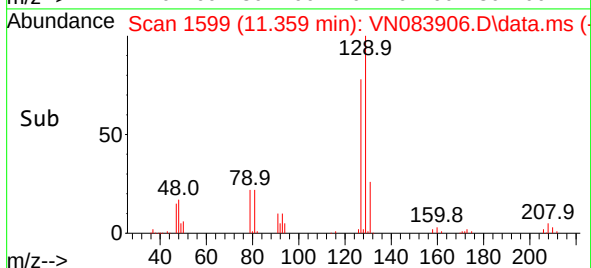
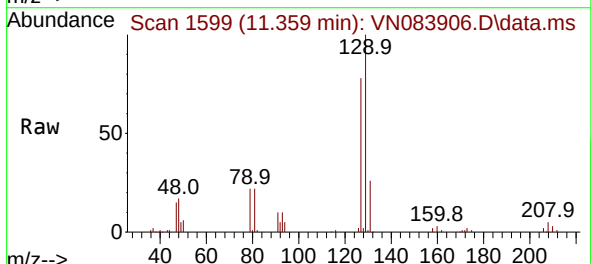
Instrument :
MSVOA_N
ClientSampleId :

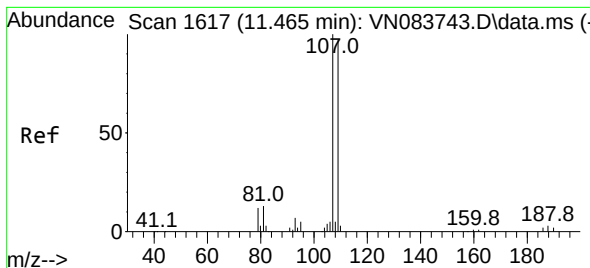
Tgt Ion: 43 Resp: 502656
Ion Ratio Lower Upper
43 100
58 52.8 27.2 81.5



#60
Dibromochloromethane
Concen: 56.161 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion:129 Resp: 111096
Ion Ratio Lower Upper
129 100
127 77.8 39.0 116.9





#61

1,2-Dibromoethane

Concen: 52.554 ug/l

RT: 11.465 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

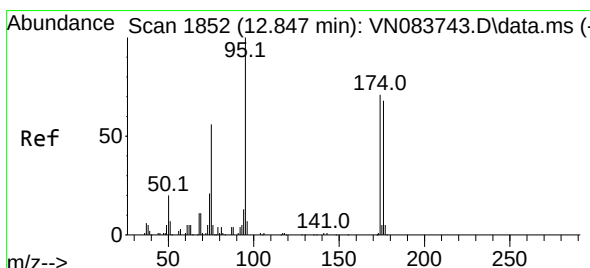
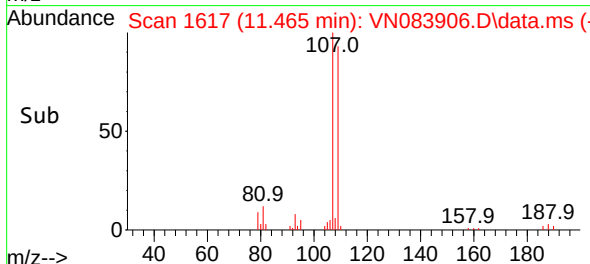
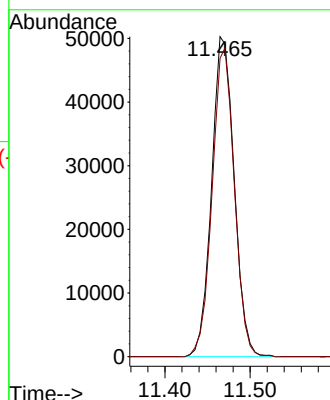
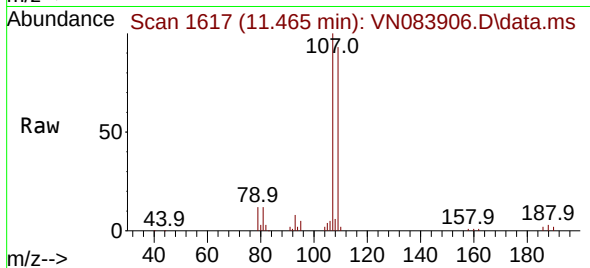
ClientSampleId :

Tgt Ion:107 Resp: 92643

Ion Ratio Lower Upper

107 100

109 94.9 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 50.657 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

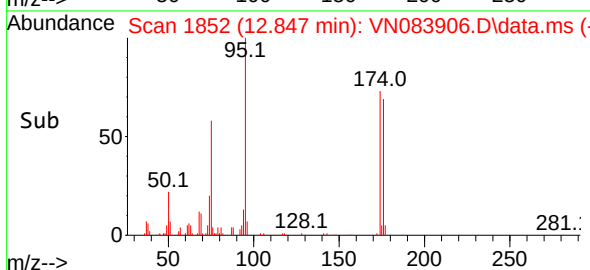
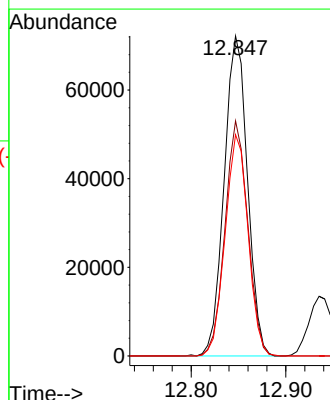
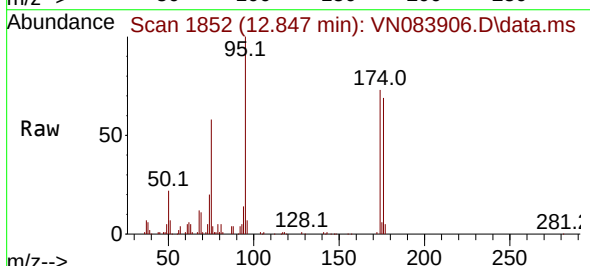
Tgt Ion: 95 Resp: 123450

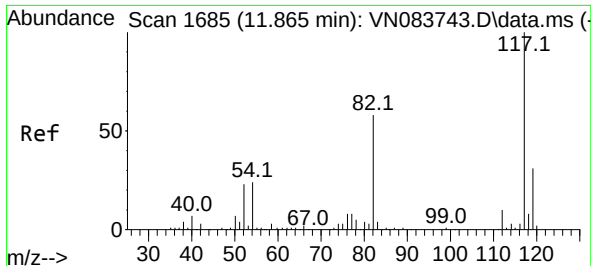
Ion Ratio Lower Upper

95 100

174 71.9 0.0 139.8

176 68.0 0.0 131.4

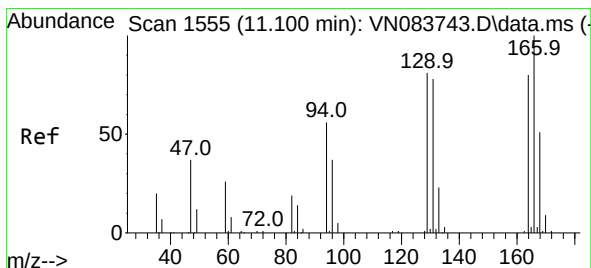
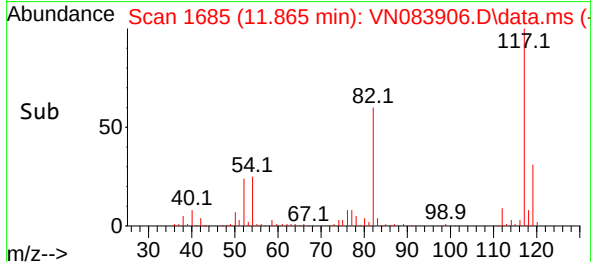
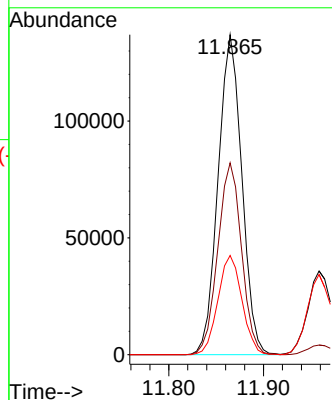
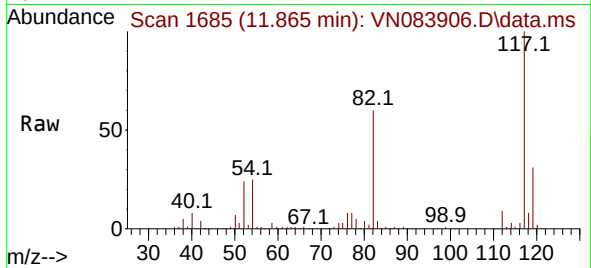




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

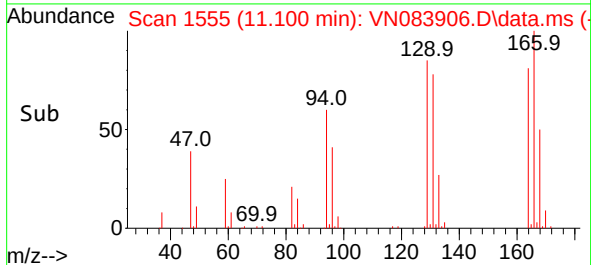
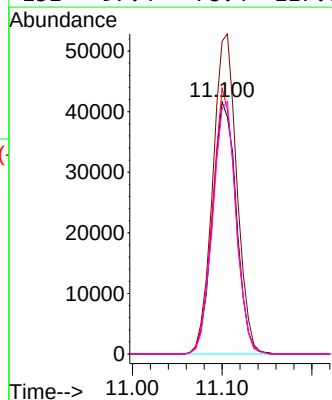
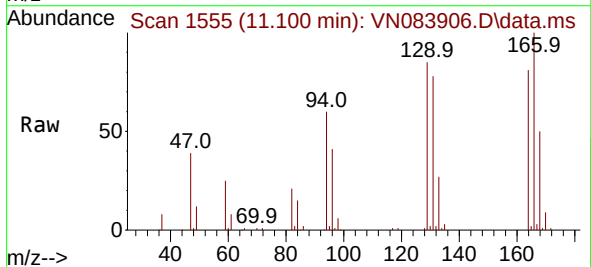
Instrument :
MSVOA_N
ClientSampleId :

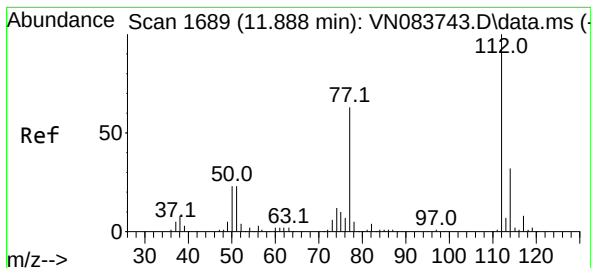
Tgt Ion:117 Resp: 238671
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.0
119 31.0 26.3 39.5



#64
Tetrachloroethene
Concen: 48.404 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion:164 Resp: 76827
Ion Ratio Lower Upper
164 100
166 124.1 103.7 155.5
129 105.4 79.9 119.9
131 97.4 78.4 117.6





#65

Chlorobenzene

Concen: 48.790 ug/l

RT: 11.888 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

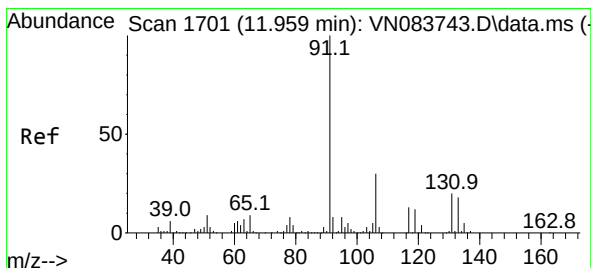
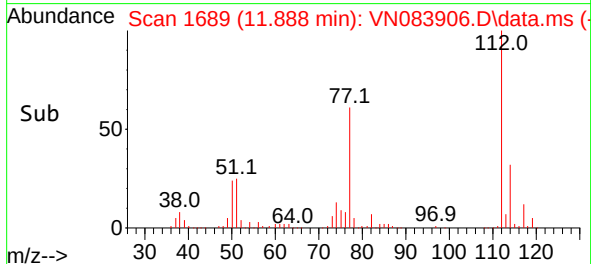
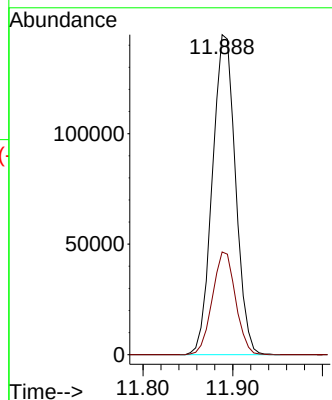
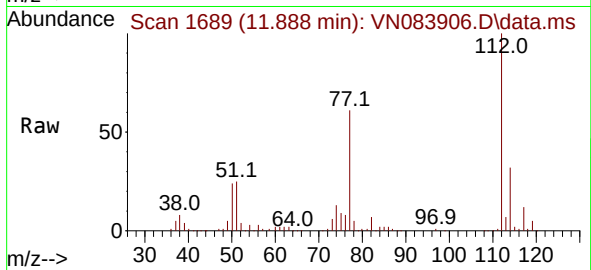
ClientSampleId :

Tgt Ion:112 Resp: 258812

Ion Ratio Lower Upper

112 100

114 32.1 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 50.910 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

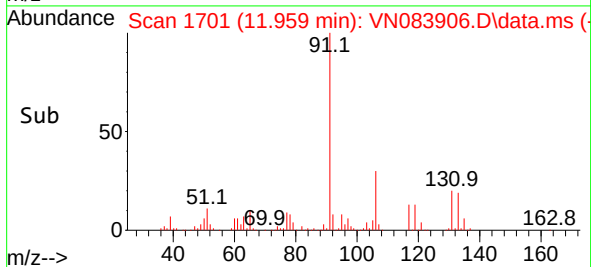
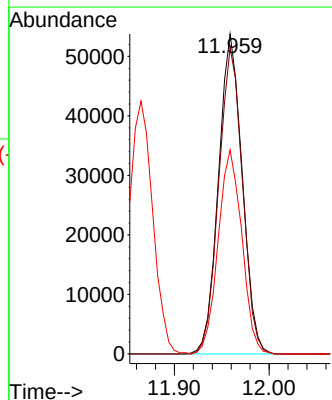
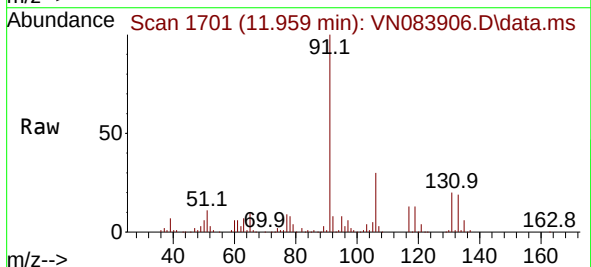
Tgt Ion:131 Resp: 93621

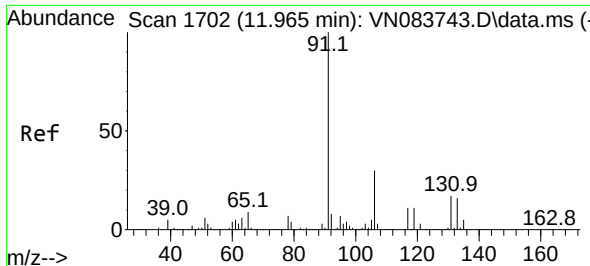
Ion Ratio Lower Upper

131 100

133 95.7 47.5 142.6

119 63.9 31.6 94.8

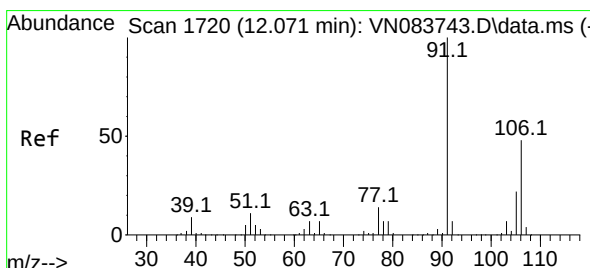
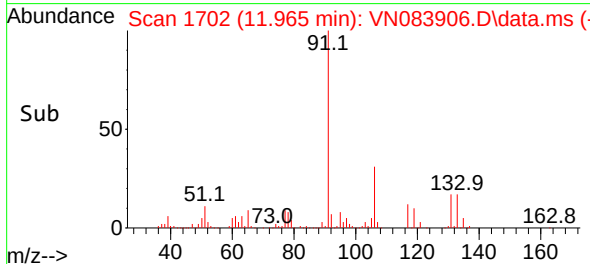
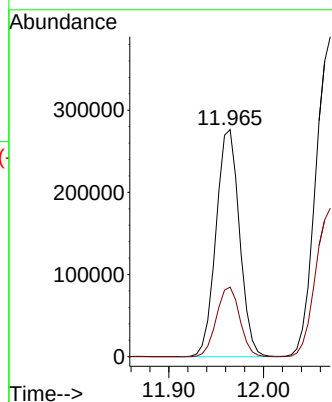
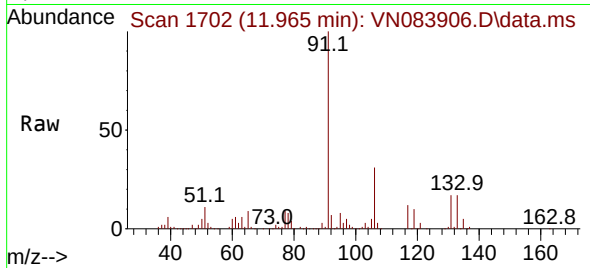




#67
Ethyl Benzene
Concen: 50.542 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

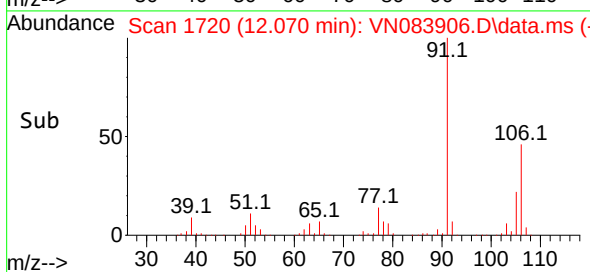
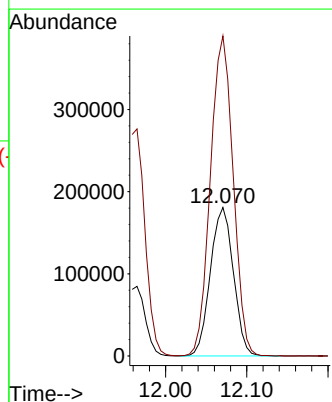
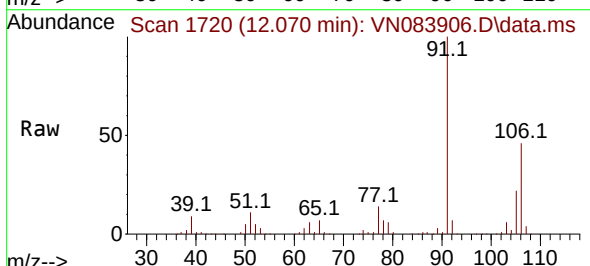
Instrument :
MSVOA_N
ClientSampleId :

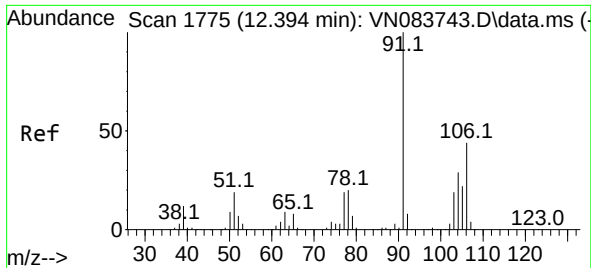
Tgt Ion: 91 Resp: 476269
Ion Ratio Lower Upper
91 100
106 30.7 24.3 36.5



#68
m/p-Xylenes
Concen: 101.764 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion:106 Resp: 356022
Ion Ratio Lower Upper
106 100
91 213.3 169.2 253.8

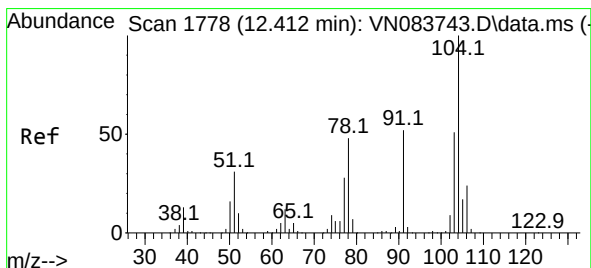
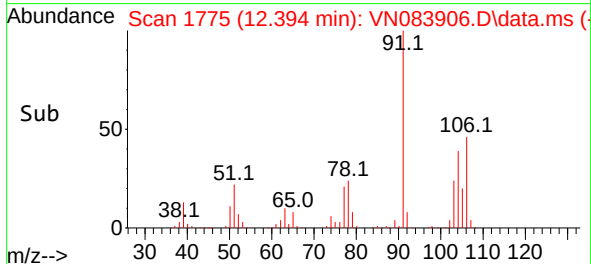
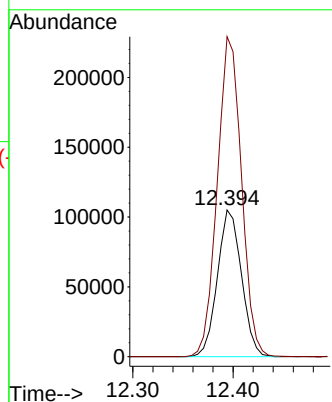
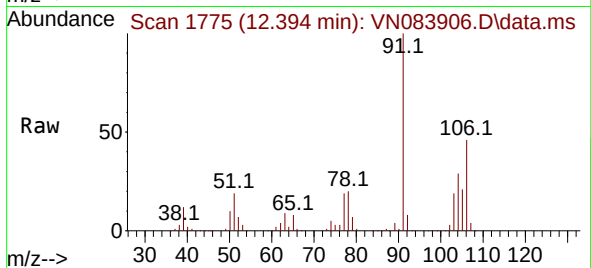




#69
o-Xylene
Concen: 51.621 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

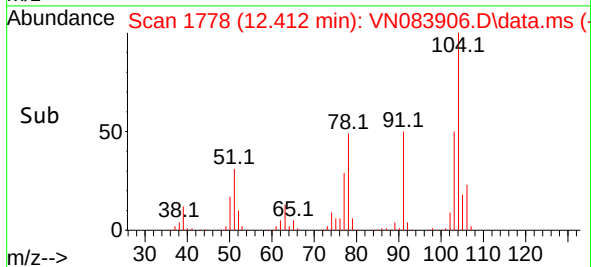
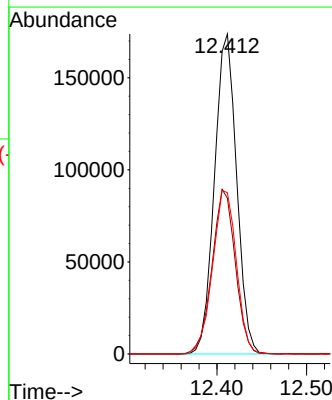
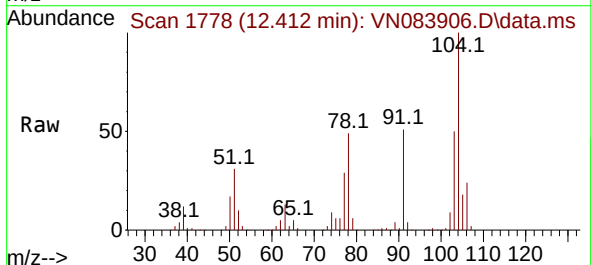
Instrument :
MSVOA_N
ClientSampleId :

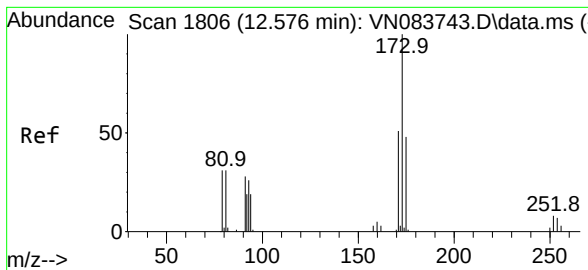
Tgt Ion:106 Resp: 174830
Ion Ratio Lower Upper
106 100
91 220.0 112.9 338.6



#70
Styrene
Concen: 53.608 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

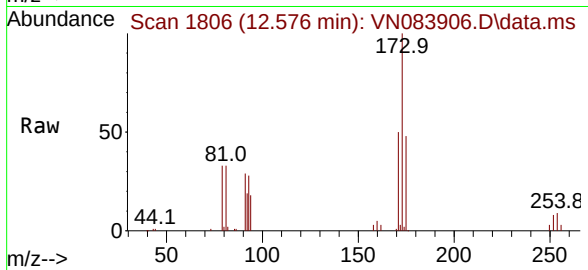
Tgt Ion:104 Resp: 297966
Ion Ratio Lower Upper
104 100
78 54.0 43.3 64.9
103 54.9 43.4 65.2



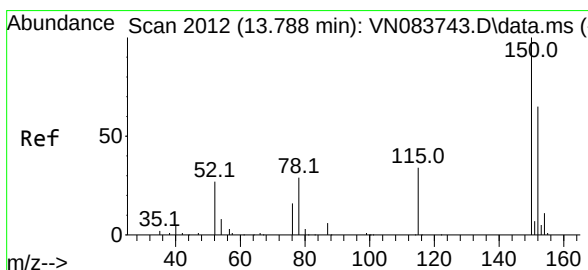
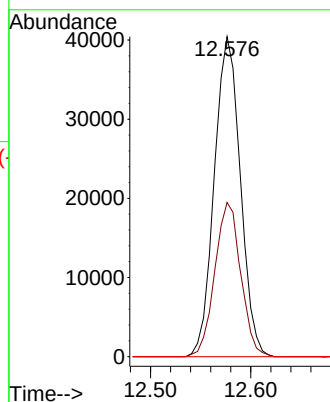
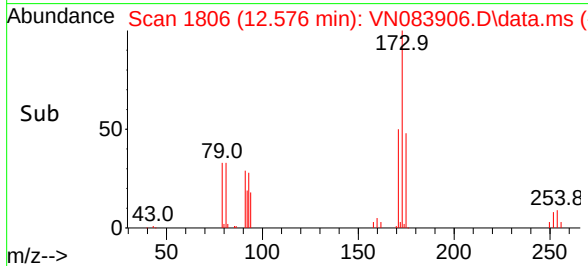


#71
Bromoform
Concen: 58.707 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Instrument :
MSVOA_N
ClientSampleId :

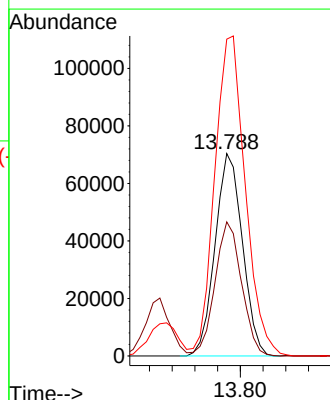
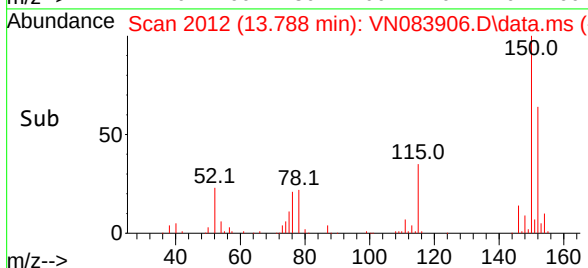
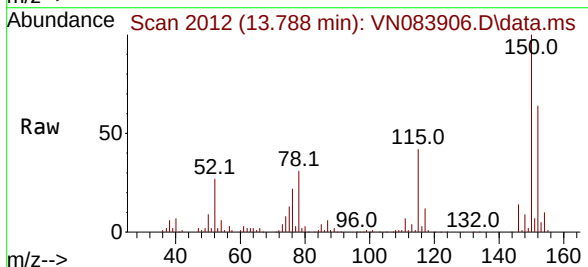


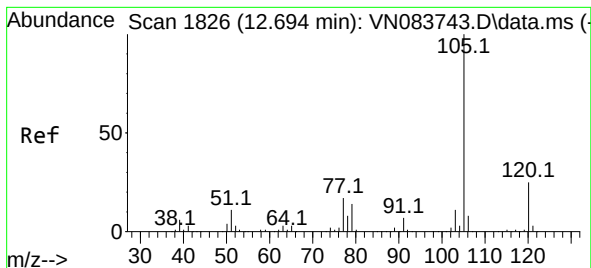
Tgt Ion:173 Resp: 72749
Ion Ratio Lower Upper
173 100
175 47.9 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion:152 Resp: 117700
Ion Ratio Lower Upper
152 100
115 64.5 32.2 96.6
150 176.5 0.0 348.6





#73

Isopropylbenzene

Concen: 49.624 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

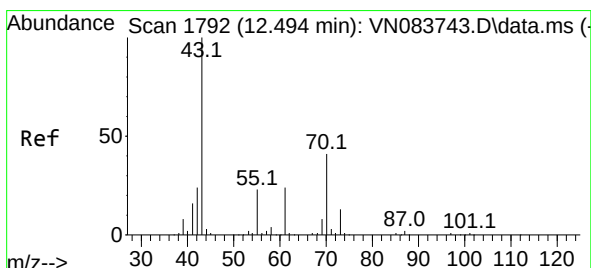
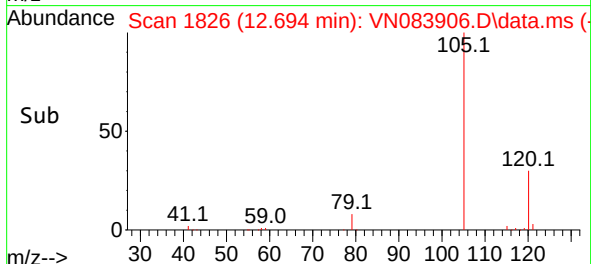
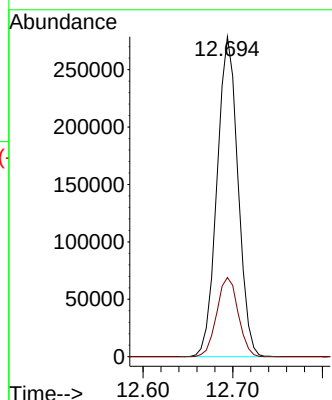
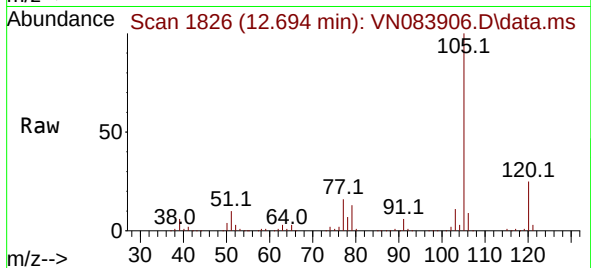
ClientSampleId :

Tgt Ion:105 Resp: 451875

Ion Ratio Lower Upper

105 100

120 25.3 12.6 37.8



#74

N-ethyl acetate

Concen: 54.250 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Tgt Ion: 43 Resp: 210770

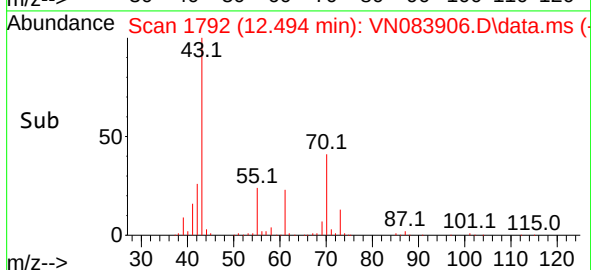
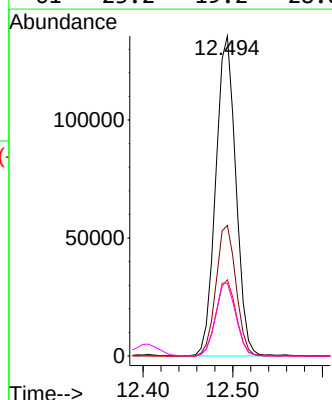
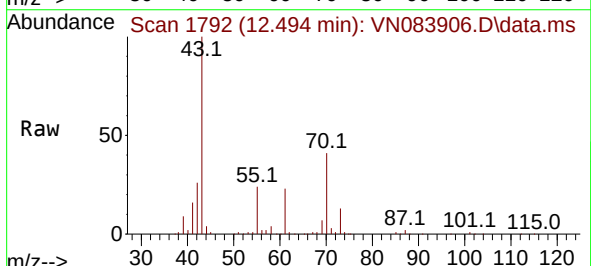
Ion Ratio Lower Upper

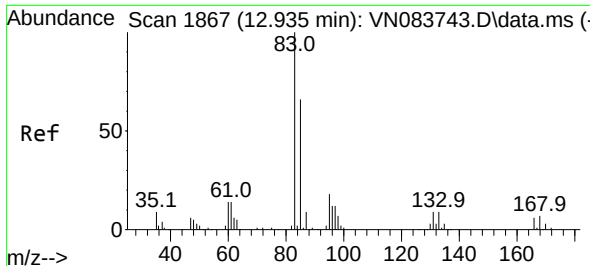
43 100

70 40.8 34.5 51.7

55 23.9 18.6 28.0

61 23.2 19.2 28.8

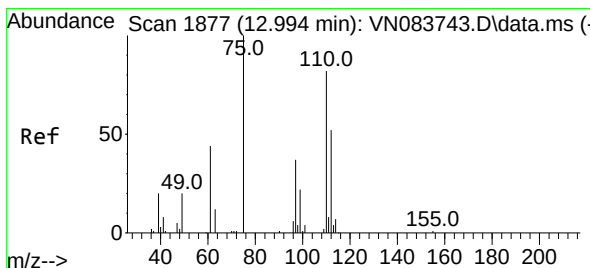
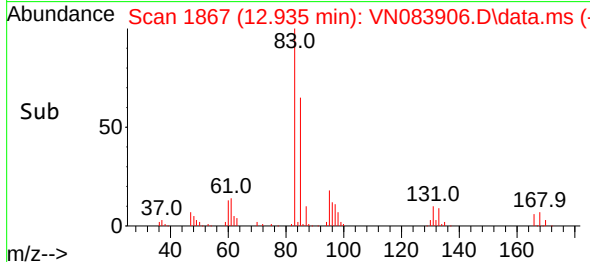
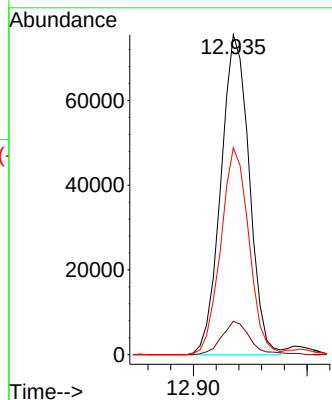
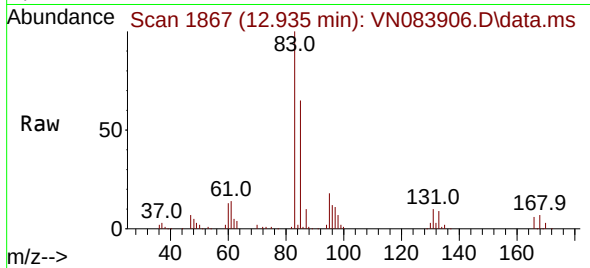




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.839 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53

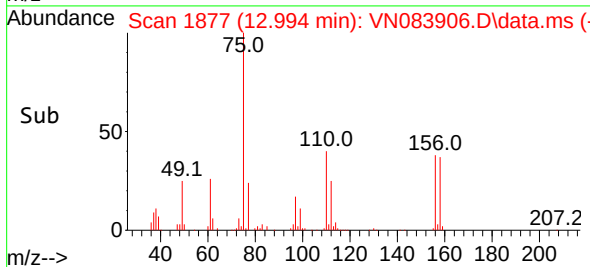
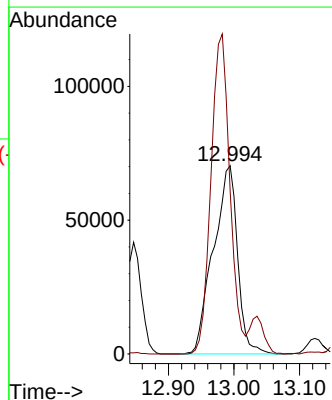
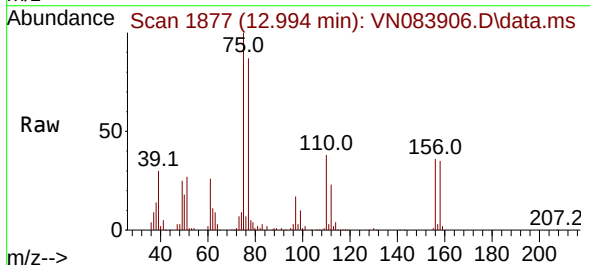
Instrument :
 MSVOA_N
 ClientSampleId :

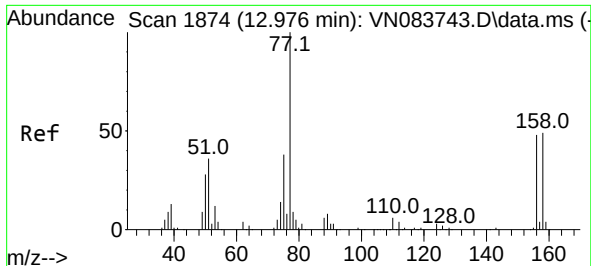
Tgt Ion: 83 Resp: 130669
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.2 15.6
 85 64.3 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 75.776 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53

Tgt Ion: 75 Resp: 179965
 Ion Ratio Lower Upper
 75 100
 77 133.1 95.2 285.6

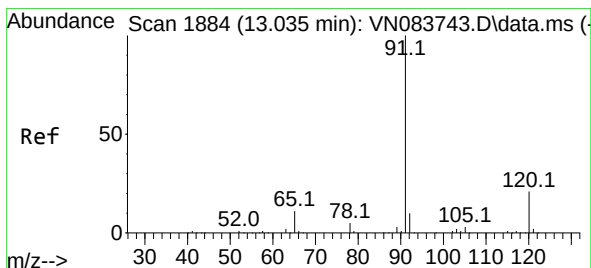
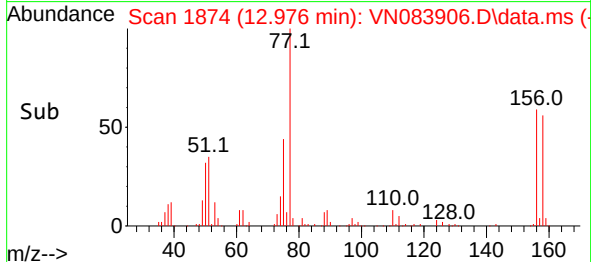
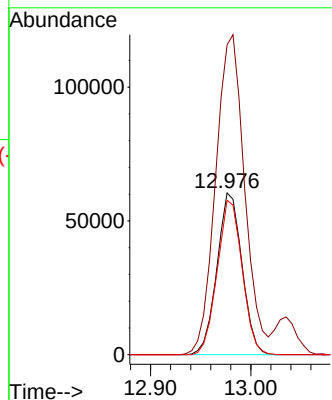
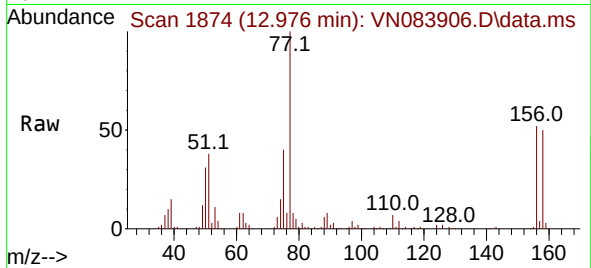




#77
Bromobenzene
Concen: 47.782 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

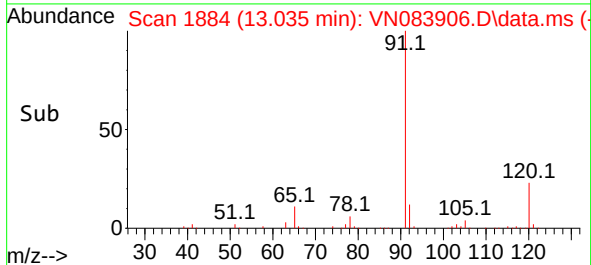
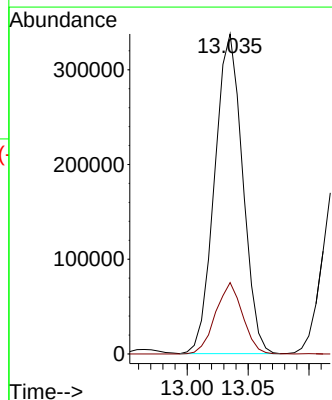
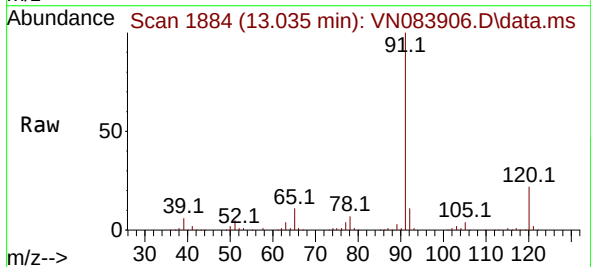
Instrument :
MSVOA_N
ClientSampleId :

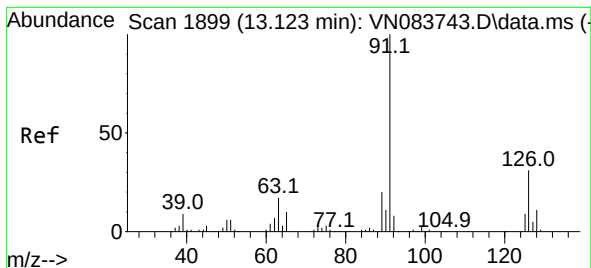
Tgt Ion:156 Resp: 104735
Ion Ratio Lower Upper
156 100
77 228.7 114.3 343.1
158 94.9 48.9 146.7



#78
n-propylbenzene
Concen: 50.972 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion: 91 Resp: 540044
Ion Ratio Lower Upper
91 100
120 21.6 11.0 33.0

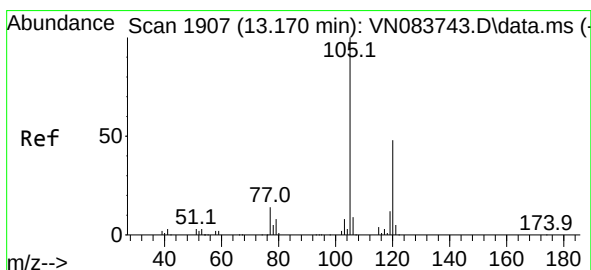
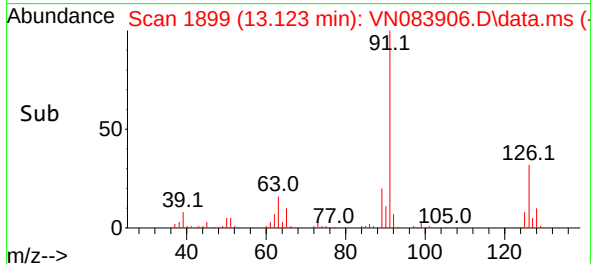
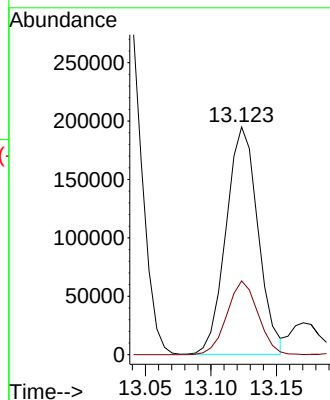
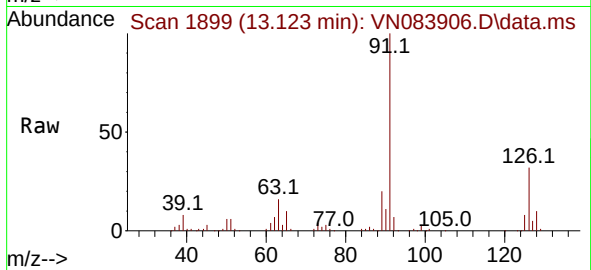




#79
2-Chlorotoluene
Concen: 48.996 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

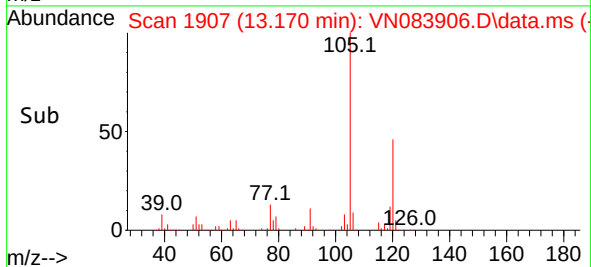
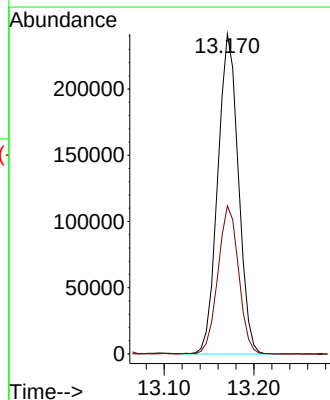
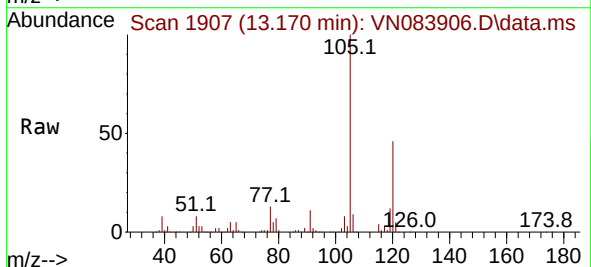
Instrument :
MSVOA_N
ClientSampleId :

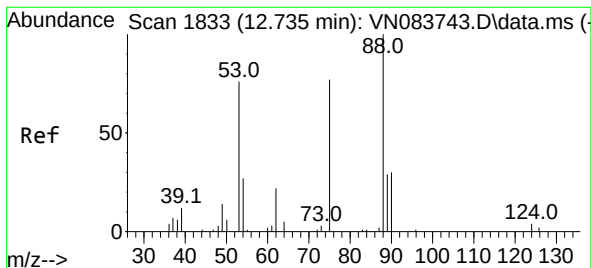
Tgt Ion: 91 Resp: 331064
Ion Ratio Lower Upper
91 100
126 31.5 15.4 46.2



#80
1,3,5-Trimethylbenzene
Concen: 50.220 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion:105 Resp: 385552
Ion Ratio Lower Upper
105 100
120 46.3 23.4 70.3

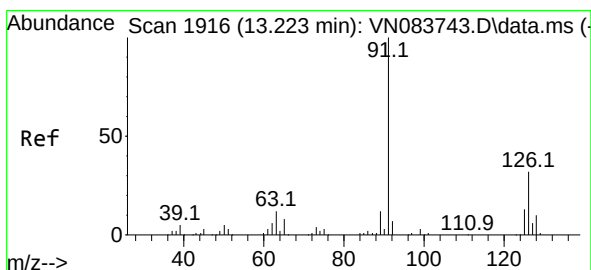
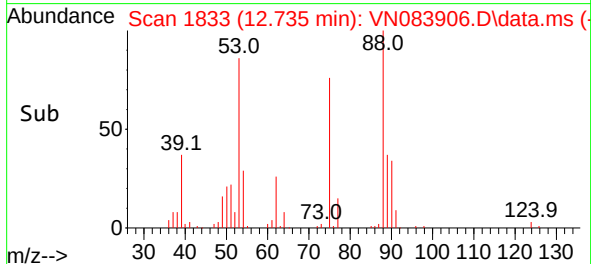
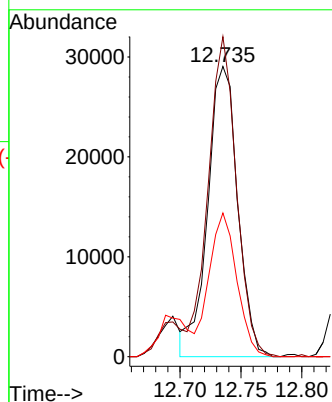
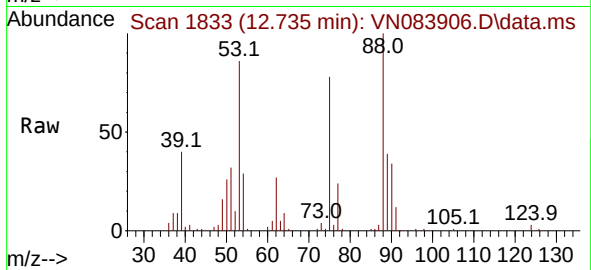




#81
trans-1,4-Dichloro-2-butene
Concen: 54.961 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

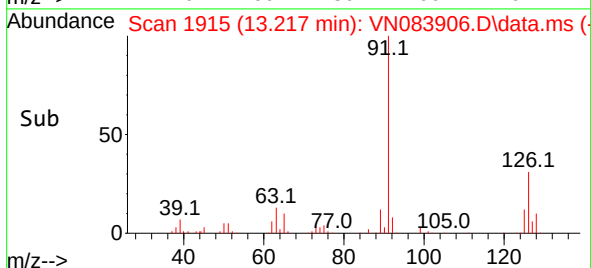
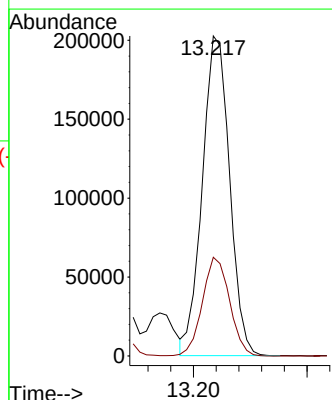
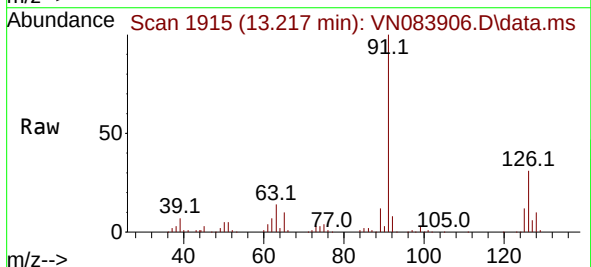
Instrument :
MSVOA_N
ClientSampleId :

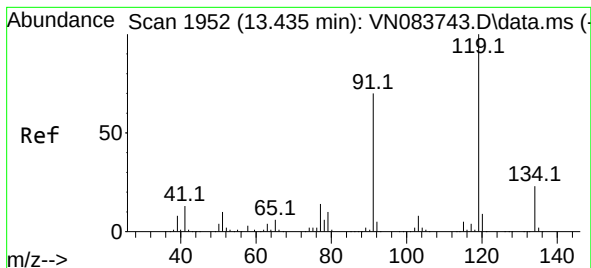
Tgt Ion: 75 Resp: 49838
Ion Ratio Lower Upper
75 100
53 103.3 81.2 121.8
89 45.4 35.7 53.5



#82
4-Chlorotoluene
Concen: 49.840 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion: 91 Resp: 337948
Ion Ratio Lower Upper
91 100
126 30.7 15.4 46.2





#83

tert-Butylbenzene

Concen: 49.056 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

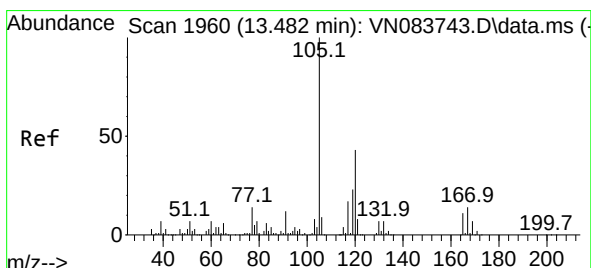
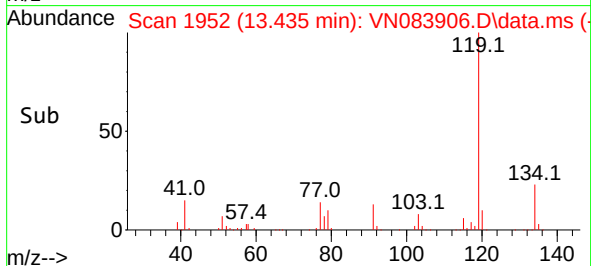
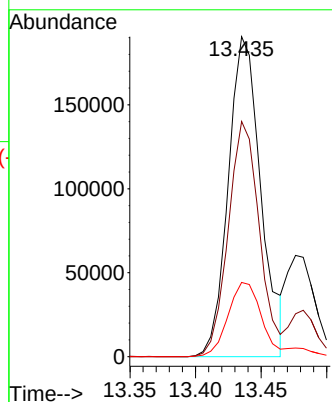
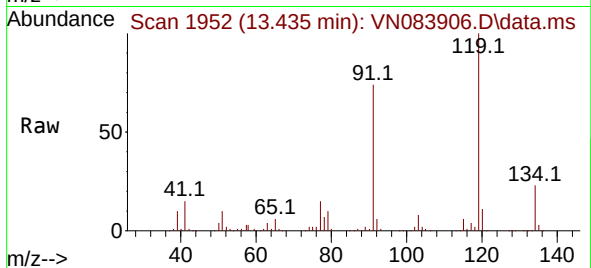
Tgt Ion:119 Resp: 329495

Ion Ratio Lower Upper

119 100

91 70.3 34.5 103.6

134 25.7 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 50.603 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN083906.D

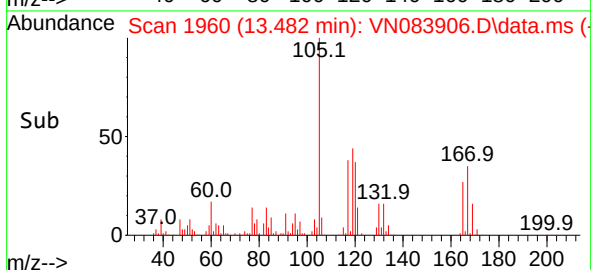
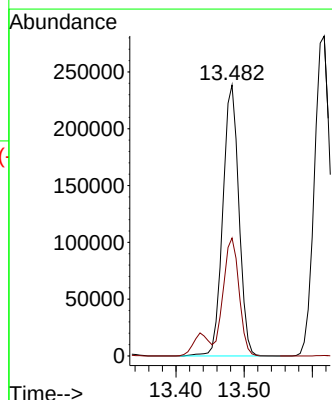
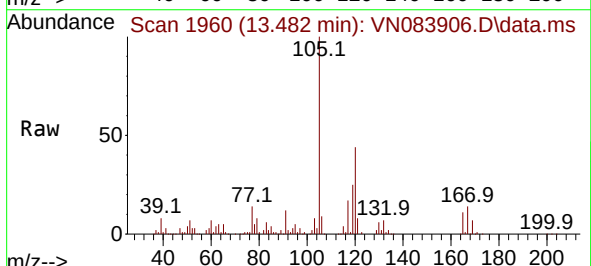
Acq: 16 Sep 2024 08:53

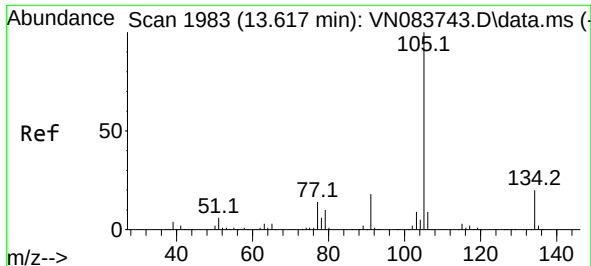
Tgt Ion:105 Resp: 390240

Ion Ratio Lower Upper

105 100

120 43.0 21.8 65.4

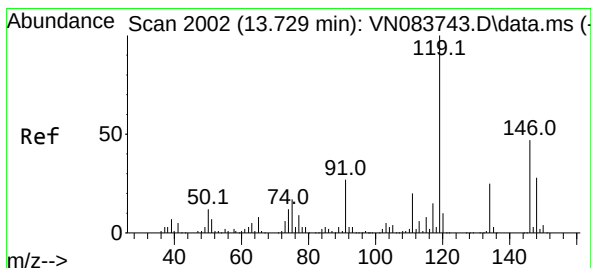
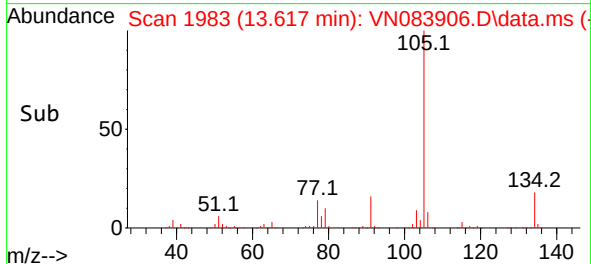
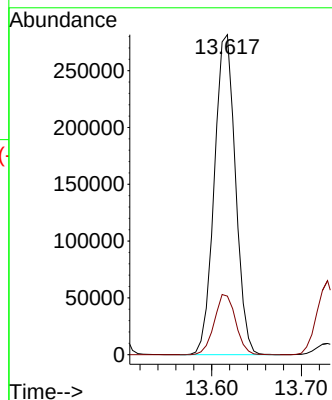
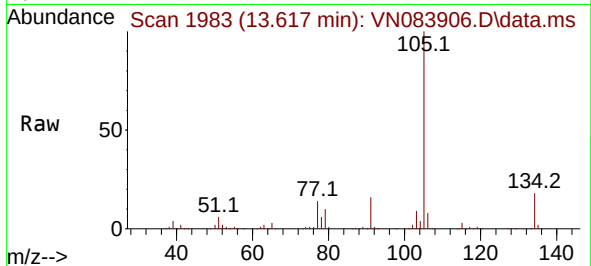




#85
 sec-Butylbenzene
 Concen: 51.742 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53

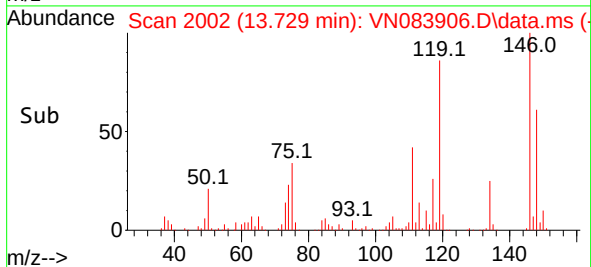
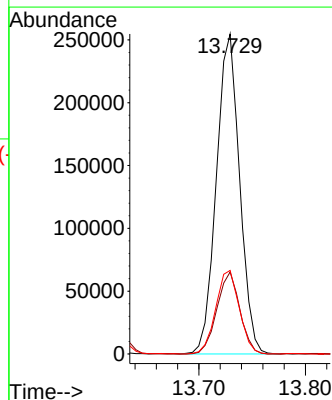
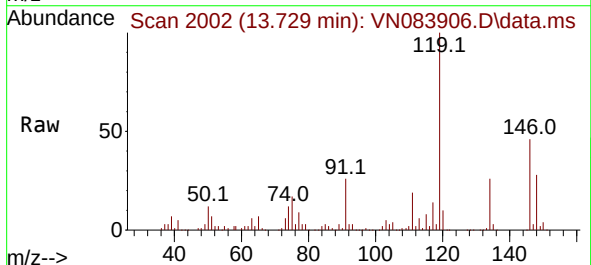
Instrument :
 MSVOA_N
 ClientSampleId :

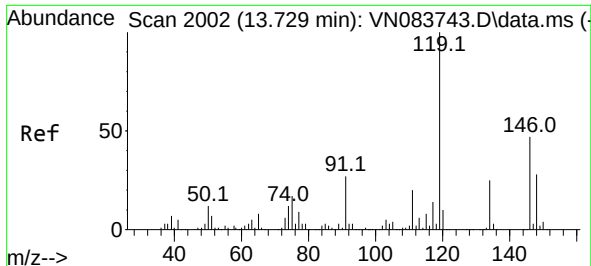
Tgt Ion:105 Resp: 460914
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 51.638 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53

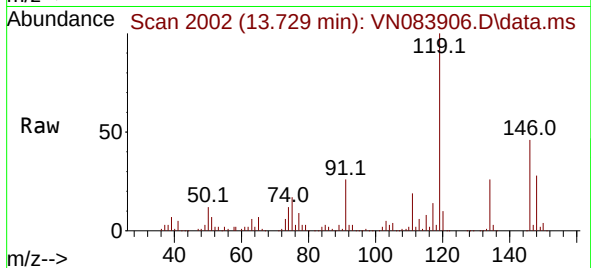
Tgt Ion:119 Resp: 385591
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.3
 91 26.4 12.9 38.7



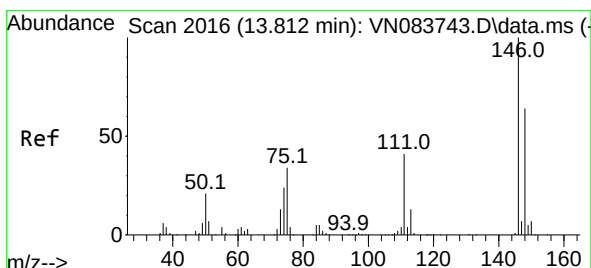
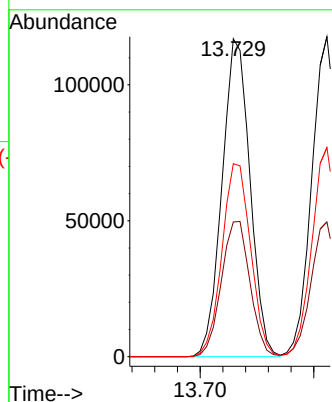
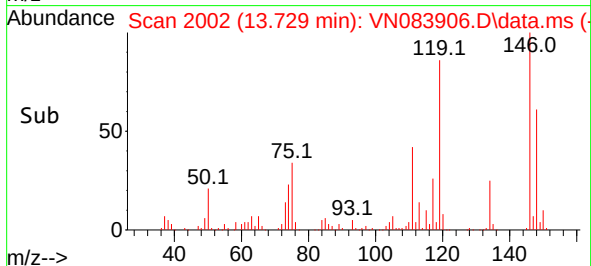


#87
 1,3-Dichlorobenzene
 Concen: 48.270 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53

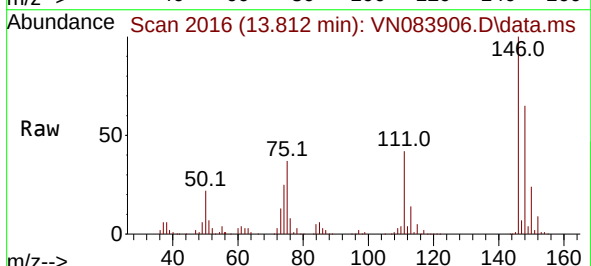
Instrument :
 MSVOA_N
 ClientSampleId :



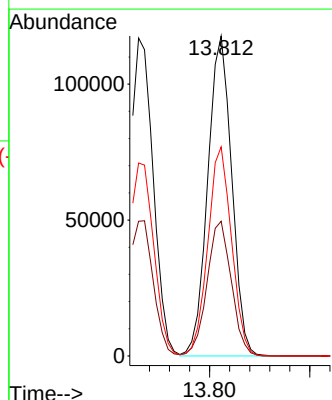
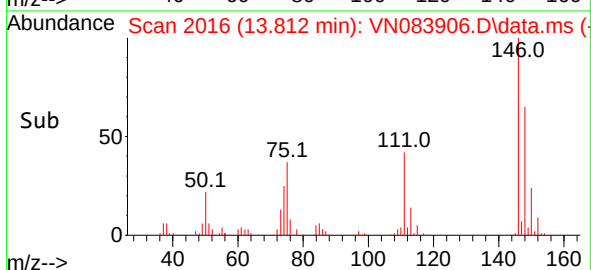
Tgt Ion:146 Resp: 199678
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.7 65.1
 148 62.4 31.7 95.1

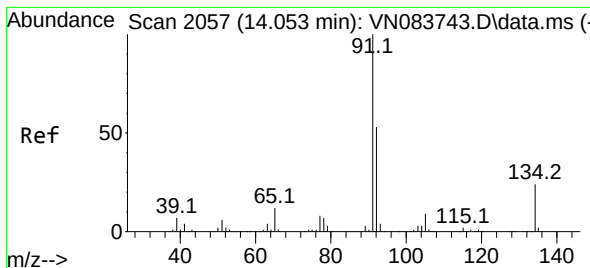


#88
 1,4-Dichlorobenzene
 Concen: 46.736 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN083906.D
 Acq: 16 Sep 2024 08:53



Tgt Ion:146 Resp: 195762
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.3 64.0
 148 64.7 32.0 96.2





#89

n-Butylbenzene

Concen: 51.918 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

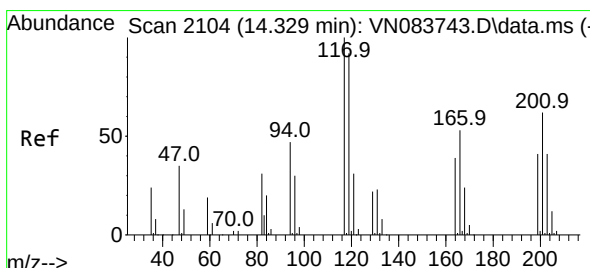
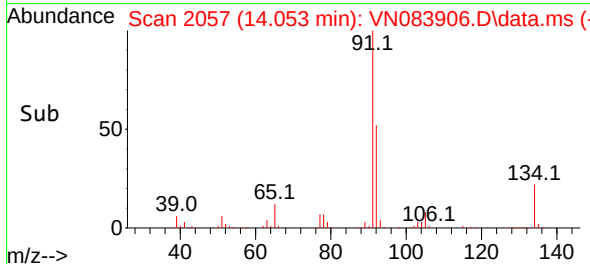
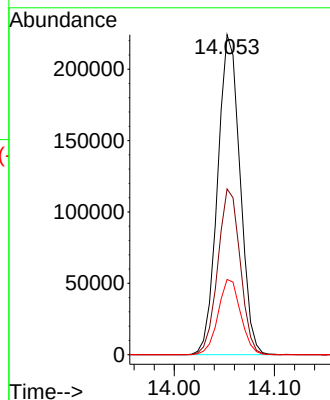
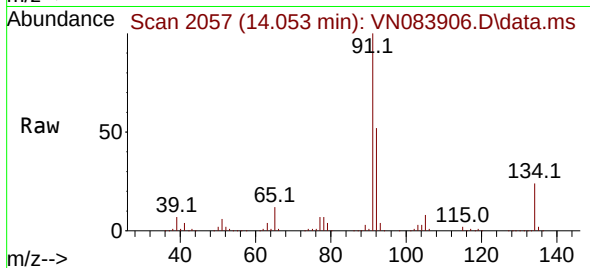
Tgt Ion: 91 Resp: 348078

Ion Ratio Lower Upper

91 100

92 51.7 26.7 80.1

134 23.7 12.2 36.4



#90

Hexachloroethane

Concen: 47.671 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN083906.D

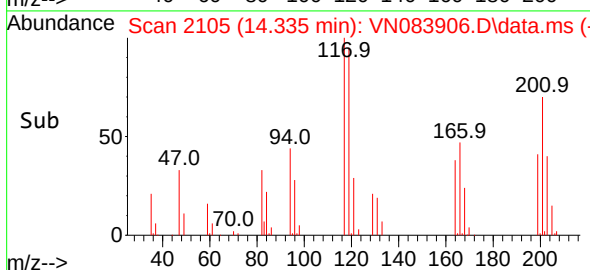
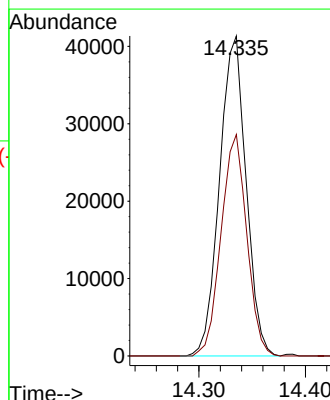
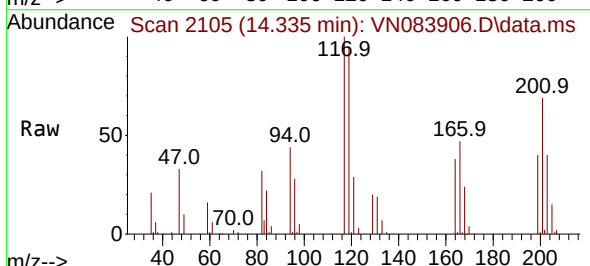
Acq: 16 Sep 2024 08:53

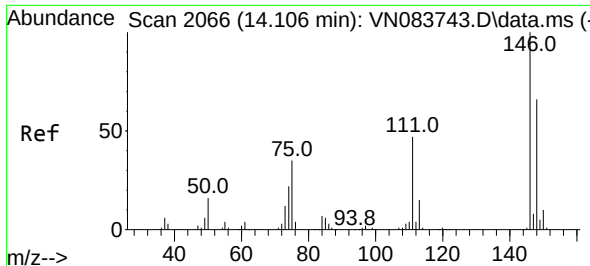
Tgt Ion: 117 Resp: 71556

Ion Ratio Lower Upper

117 100

201 67.0 32.8 98.3

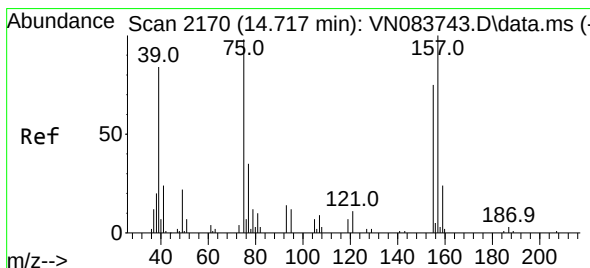
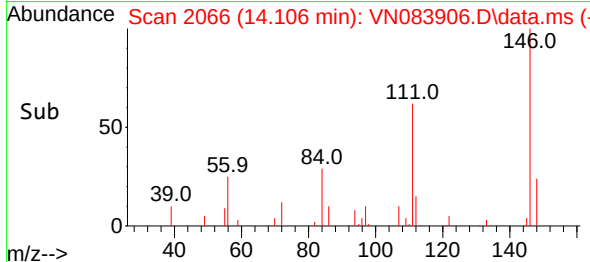
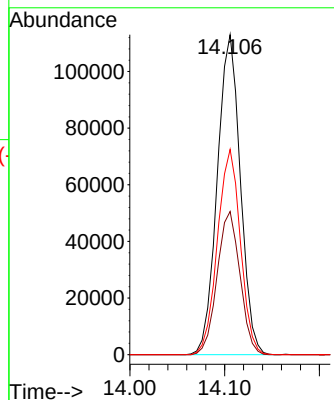
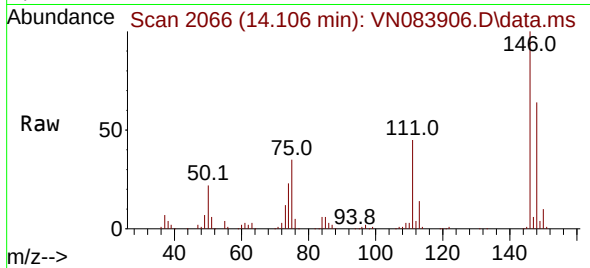




#91
1,2-Dichlorobenzene
Concen: 47.861 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

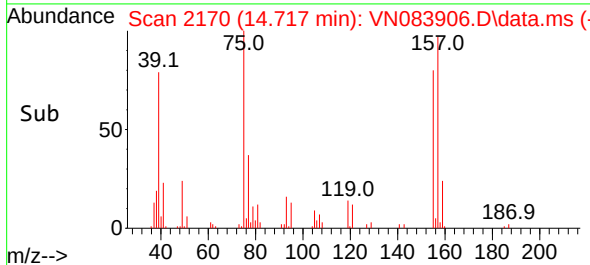
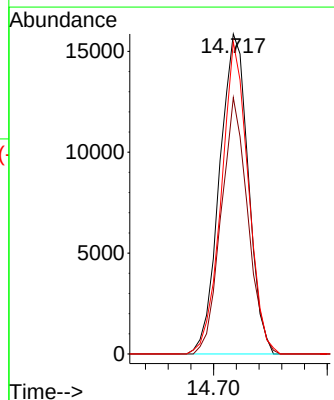
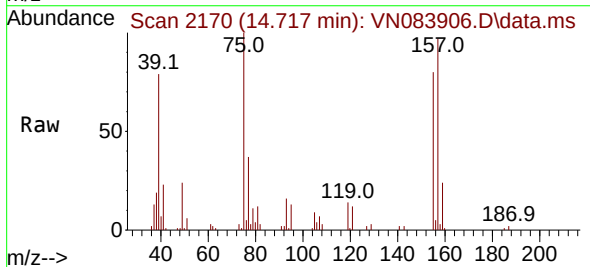
Instrument :
MSVOA_N
ClientSampleId :

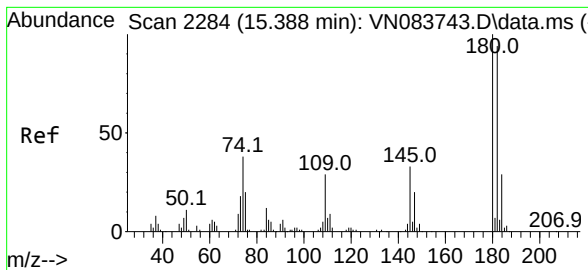
Tgt Ion:146 Resp: 191076
Ion Ratio Lower Upper
146 100
111 44.3 22.8 68.3
148 63.9 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.216 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083906.D
Acq: 16 Sep 2024 08:53

Tgt Ion: 75 Resp: 27849
Ion Ratio Lower Upper
75 100
155 74.3 35.9 107.7
157 91.0 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 46.727 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

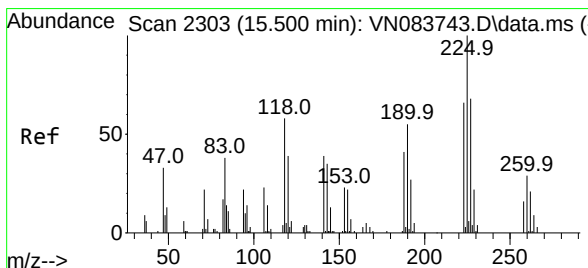
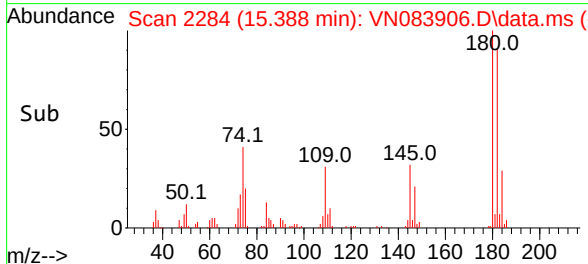
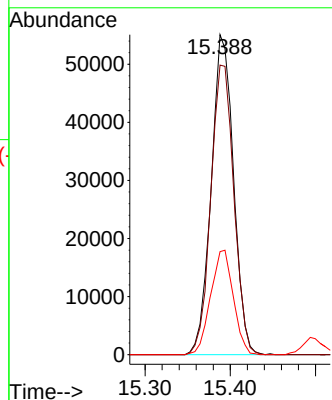
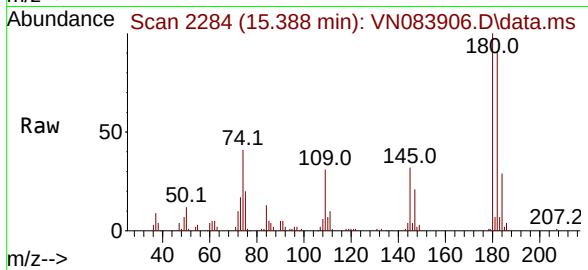
Tgt Ion:180 Resp: 100105

Ion Ratio Lower Upper

180 100

182 93.4 48.1 144.3

145 33.2 16.9 50.7



#94

Hexachlorobutadiene

Concen: 47.935 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

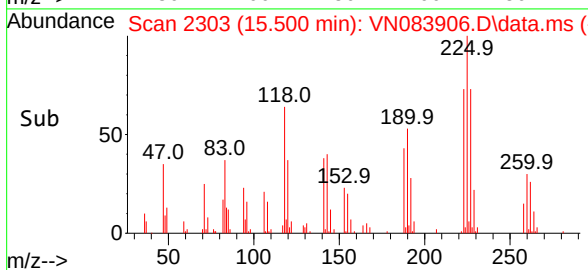
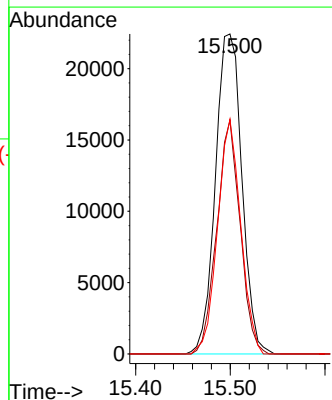
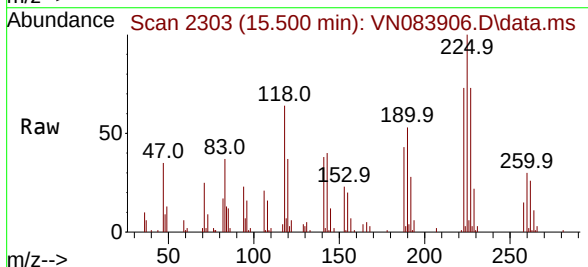
Tgt Ion:225 Resp: 43612

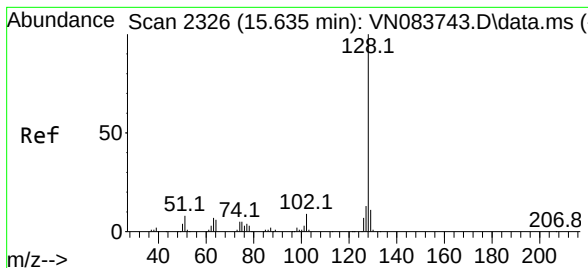
Ion Ratio Lower Upper

225 100

223 64.3 31.9 95.5

227 64.2 32.0 96.2





#95

Naphthalene

Concen: 49.955 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Instrument :

MSVOA_N

ClientSampleId :

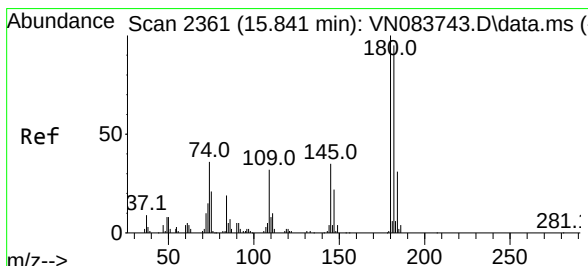
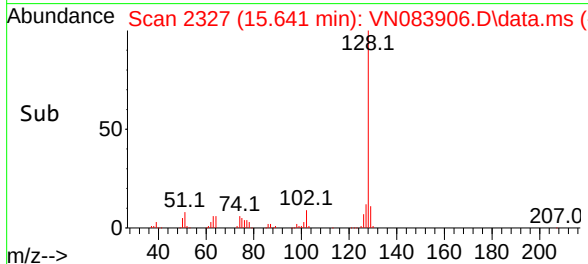
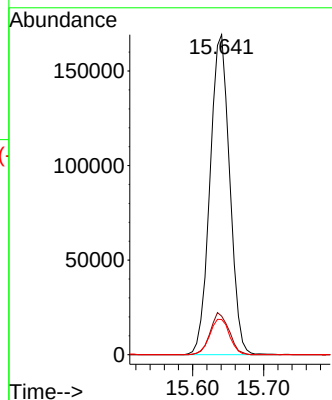
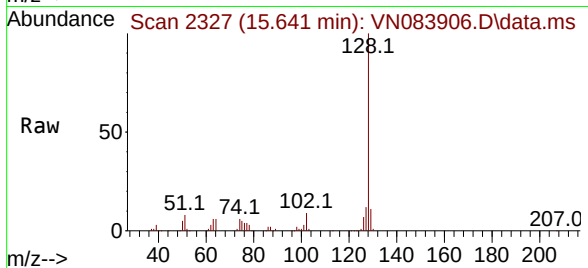
Tgt Ion:128 Resp: 325598

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 47.412 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN083906.D

Acq: 16 Sep 2024 08:53

Tgt Ion:180 Resp: 97074

Ion Ratio Lower Upper

180 100

182 94.6 47.1 141.4

145 34.4 17.8 53.5

