

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101524\
 Data File : VN084413.D
 Acq On : 15 Oct 2024 13:51
 Operator : JC\MD
 Sample : VN1015WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 16 01:23:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	35171	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	183748	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	172280	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	82707	29.209	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.367%
60) 4-Bromofluorobenzene	12.847	95	89558	31.498	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	105.000%
63) Toluene-d8	10.565	98	242967	30.443	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.467%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	42202	19.653	ug/l	99
3) Chloromethane	2.359	50	47277	19.347	ug/l	97
4) Vinyl Chloride	2.512	62	47019	19.621	ug/l	98
5) Bromomethane	2.959	94	28537	17.974	ug/l	100
6) Chloroethane	3.124	64	30222	19.237	ug/l	95
7) Trichlorofluoromethane	3.500	101	76402	19.573	ug/l	100
8) Diethyl Ether	3.965	74	26652	18.572	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	44664	20.351	ug/l	73
10) 1,1-Dichloroethene	4.336	96	41162	18.796	ug/l	86
11) Methyl Iodide	4.589	142	55341	19.230	ug/l	99
12) Methyl Acetate	5.018	43	28607	10.434	ug/l	94
13) Acrolein	4.177	56	54371	106.759	ug/l	99
14) Acrylonitrile	5.718	53	115843	94.051	ug/l	99
15) Acetone	4.424	58	39691	112.806	ug/l	96
16) Carbon Disulfide	4.712	76	116008	17.789	ug/l	97
17) Allyl chloride	5.030	41	61926	17.444	ug/l	97
18) Methylene Chloride	5.277	84	48977	19.853	ug/l	96
19) trans-1,2-Dichloroethene	5.783	96	44227	19.082	ug/l	91
20) Diisopropyl ether	6.671	45	147535	19.329	ug/l #	97
21) 1,1-Dichloroethane	6.565	63	86939	19.851	ug/l	95
22) cis-1,2-Dichloroethene	7.488	96	52376	19.420	ug/l	99
23) tert-Butyl Alcohol	5.518	59	41942	88.775	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	138886	18.977	ug/l #	84
25) Chloroform	7.971	83	88039	19.848	ug/l	98
26) Cyclohexane	8.259	56	66845	18.249	ug/l #	96
29) 1,1-Dichloropropene	8.371	75	60022	19.899	ug/l	97
30) 2-Butanone	7.482	43	166022	103.377	ug/l	99
31) 2,2-Dichloropropane	7.488	77	76646	21.623	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	78941	20.475	ug/l	98
33) Carbon Tetrachloride	8.359	117	69087	20.684	ug/l	95
34) Benzene	8.606	78	194046	20.551	ug/l	96
35) Methacrylonitrile	7.777	41	34057	19.878	ug/l	96
36) 1,2-Dichloroethane	8.671	62	65510	20.815	ug/l #	89
37) Trichloroethene	9.353	130	44512	20.472	ug/l	97
38) Methylcyclohexane	9.600	83	63346	19.119	ug/l	97
39) 1,2-Dichloropropane	9.618	63	48202	20.934	ug/l	95
40) Dibromomethane	9.706	93	33935	21.088	ug/l	96
41) Bromodichloromethane	9.888	83	69757	20.419	ug/l	95
42) Vinyl Acetate	6.600	43	531488	95.156	ug/l	99

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 ALS Vial : 4 Sample Multiplier: 1

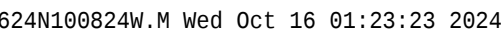
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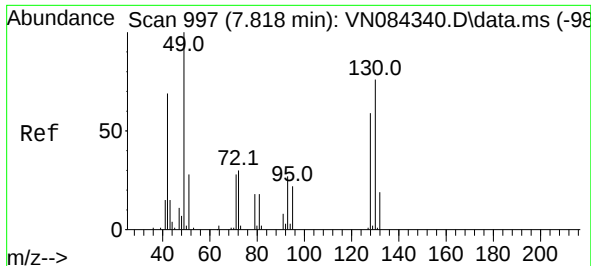
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	63571	20.071	ug/l	97
44) Isopropyl Acetate	8.688	43	102646	19.800	ug/l	99
45) 1,4-Dioxane	9.694	88	19291	412.796	ug/l	98
46) Methyl methacrylate	9.682	41	48318	19.290	ug/l	99
47) n-amyl Acetate	12.494	43	87755	19.031	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	67804	19.207	ug/l	94
49) cis-1,3-Dichloropropene	10.312	75	74738	20.201	ug/l	97
50) 1,1,2-Trichloroethane	11.012	97	45546	21.057	ug/l	98
51) Ethyl methacrylate	10.876	69	69433	19.434	ug/l	98
52) 1,3-Dichloropropane	11.159	76	76713	20.283	ug/l	99
53) Dibromochloromethane	11.359	129	52920	20.711	ug/l	100
54) 1,2-Dibromoethane	11.470	107	44550	20.009	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	160807	99.237	ug/l	97
56) Bromoform	12.576	173	33839	19.968	ug/l	97
58) 4-Methyl-2-Pentanone	10.441	43	321313	100.119	ug/l	99
59) 2-Hexanone	11.194	43	247352	103.722	ug/l	98
61) Tetrachloroethene	11.106	164	39786	20.416	ug/l	97
62) Toluene	10.629	91	209494	20.772	ug/l	97
64) Chlorobenzene	11.888	112	127848	20.370	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	45498	20.867	ug/l	99
66) Ethyl Benzene	11.965	91	218646	19.954	ug/l	100
67) m/p-Xylenes	12.070	106	172916	41.599	ug/l	98
68) o-Xylene	12.400	106	79679	19.886	ug/l	99
69) Styrene	12.412	104	137947	20.056	ug/l	100
70) Isopropylbenzene	12.694	105	205992	20.139	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	65587	20.728	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	83947	30.978	ug/l	55
73) Bromobenzene	12.976	156	50868	20.535	ug/l	99
74) n-propylbenzene	13.035	91	250955	20.589	ug/l	100
75) 2-Chlorotoluene	13.123	91	158540	20.932	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	177372	20.595	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	23102	19.950	ug/l	92
78) 4-Chlorotoluene	13.223	91	159889	20.763	ug/l	99
79) tert-butylbenzene	13.441	119	150852	20.531	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	178643	20.443	ug/l	100
81) sec-Butylbenzene	13.617	105	209646	20.725	ug/l	99
82) p-Isopropyltoluene	13.729	119	175858	20.654	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	95121	20.651	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	93985	20.548	ug/l	100
85) n-Butylbenzene	14.053	91	147959	20.064	ug/l	99
86) Hexachloroethane	14.335	117	33706	20.548	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	91228	20.485	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.717	75	13227	20.441	ug/l	97
89) 1,2,4-Trichlorobenzene	15.841	180	44646	19.282	ug/l	98
90) Hexachlorobutadiene	15.500	225	22785	21.271	ug/l	96
91) Naphthalene	15.641	128	135146	17.224	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	44646	19.282	ug/l	98

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

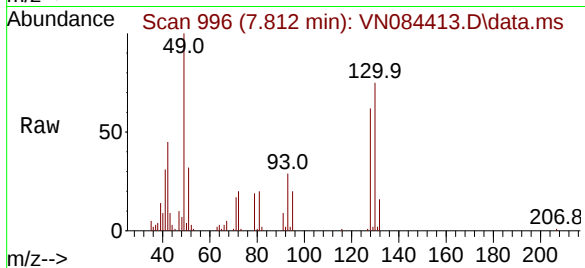
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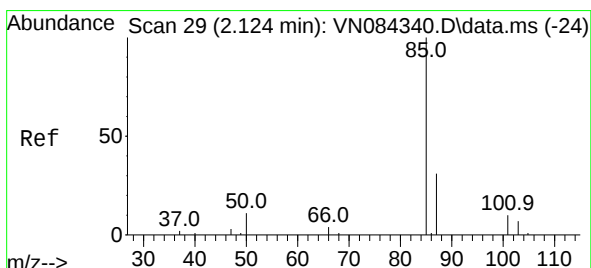
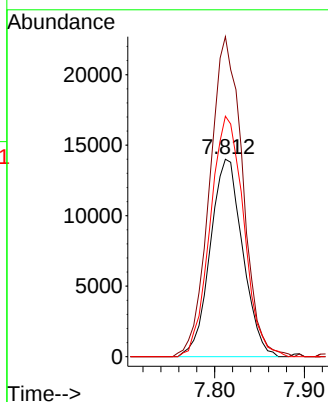
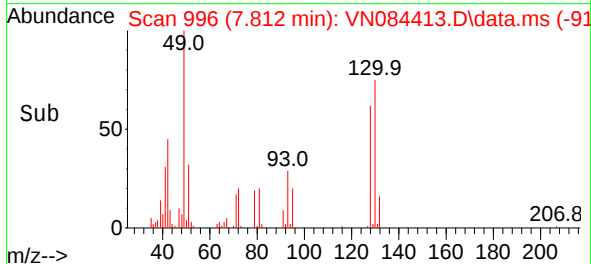


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Instrument :
MSVOA_N
ClientSampleId :

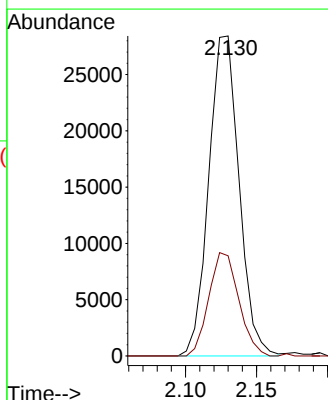
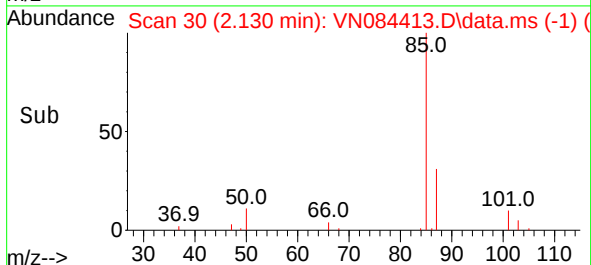
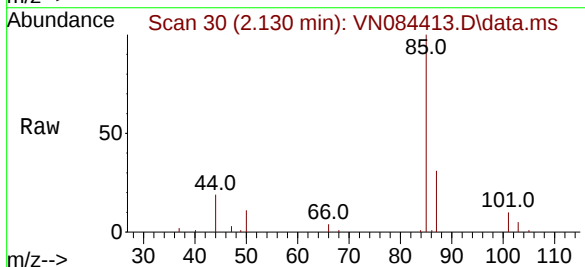


Tgt Ion:128 Resp: 35171
Ion Ratio Lower Upper
128 100
49 164.4 0.0 430.0
130 125.7 0.0 329.8

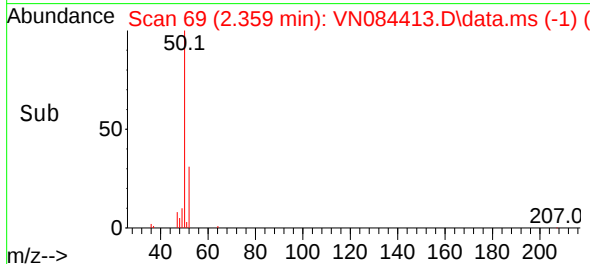
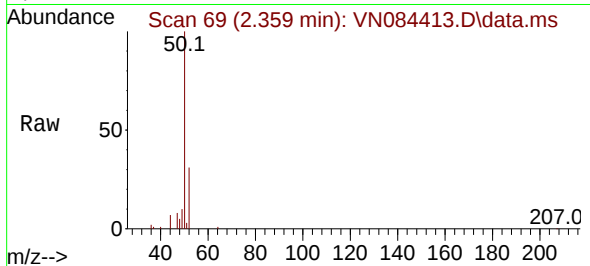
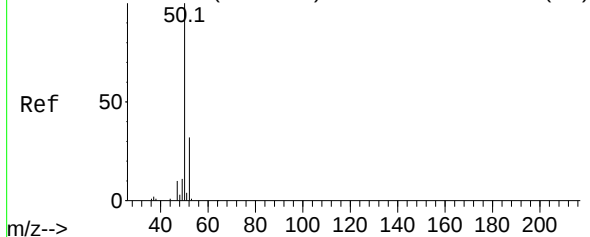


#2
Dichlorodifluoromethane
Concen: 19.653 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Tgt Ion: 85 Resp: 42202
Ion Ratio Lower Upper
85 100
87 31.3 15.4 46.4



Abundance Scan 69 (2.359 min): VN084340.D\data.ms (-64)



#3

Chloromethane

Concen: 19.347 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

Instrument :

MSVOA_N

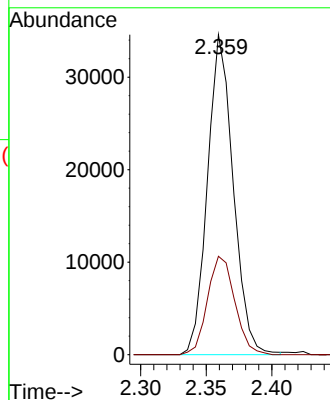
ClientSampleId :

Tgt Ion: 50 Resp: 47277

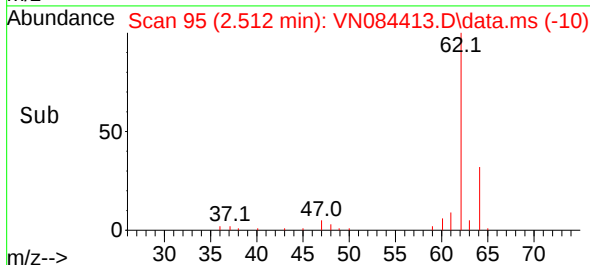
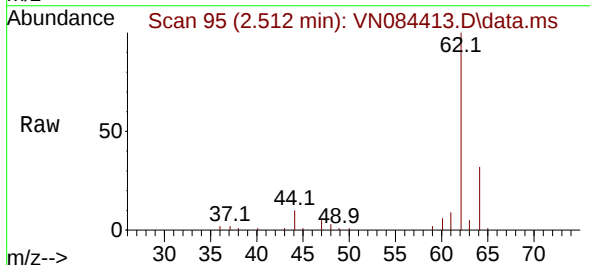
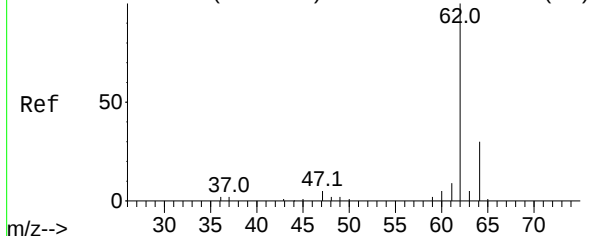
Ion Ratio Lower Upper

50 100

52 30.7 25.8 38.6



Abundance Scan 95 (2.512 min): VN084340.D\data.ms (-89)



#4

Vinyl Chloride

Concen: 19.621 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN084413.D

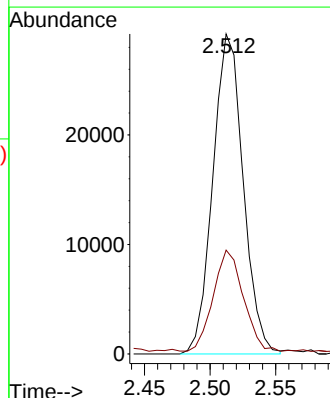
Acq: 15 Oct 2024 13:51

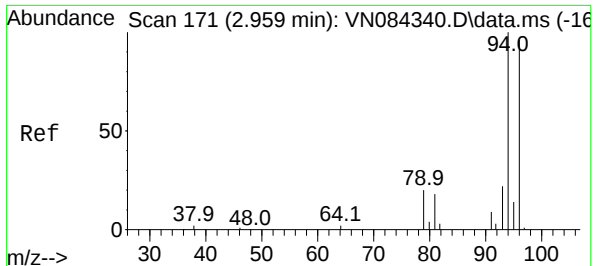
Tgt Ion: 62 Resp: 47019

Ion Ratio Lower Upper

62 100

64 31.6 24.3 36.5

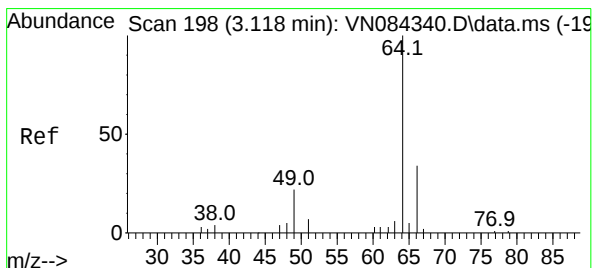
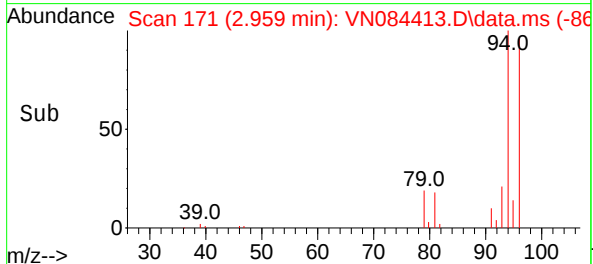
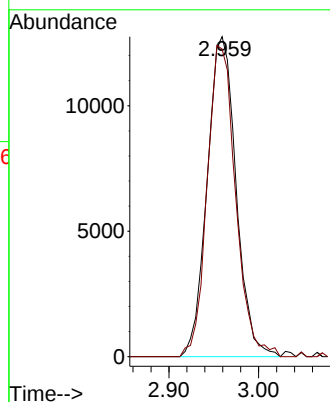
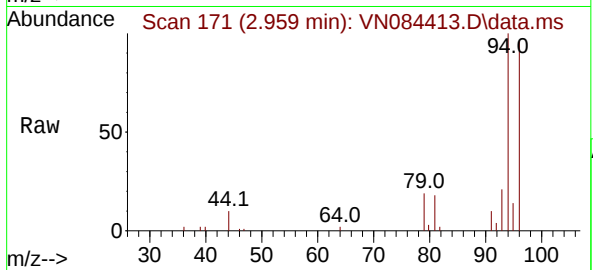




#5
Bromomethane
Concen: 17.974 ug/l
RT: 2.959 min Scan# 171
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

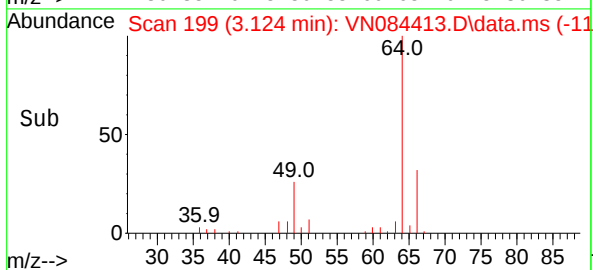
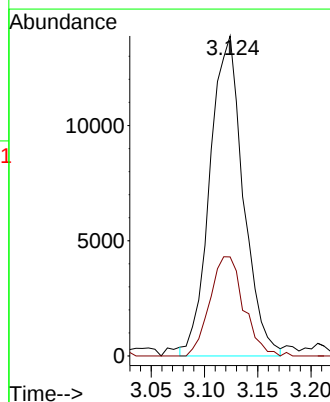
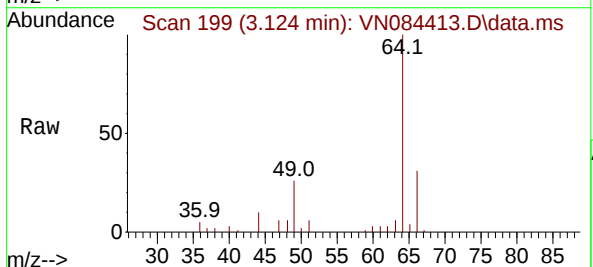
Instrument :
MSVOA_N
ClientSampleId :

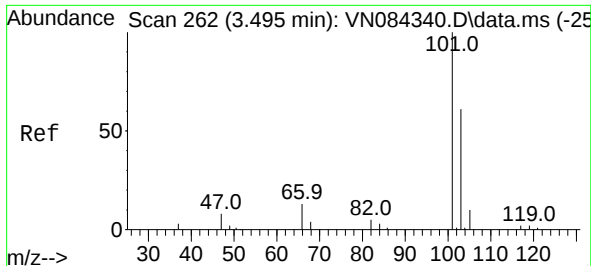
Tgt Ion: 94 Resp: 28537
Ion Ratio Lower Upper
94 100
96 96.1 76.7 115.1



#6
Chloroethane
Concen: 19.237 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

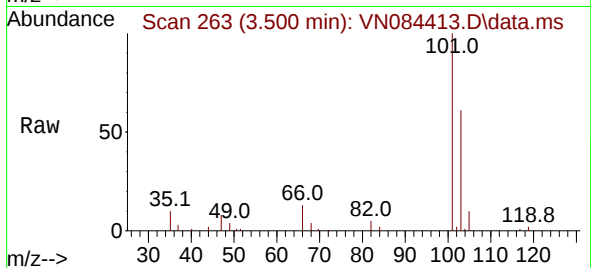
Tgt Ion: 64 Resp: 30222
Ion Ratio Lower Upper
64 100
66 31.6 27.7 41.5



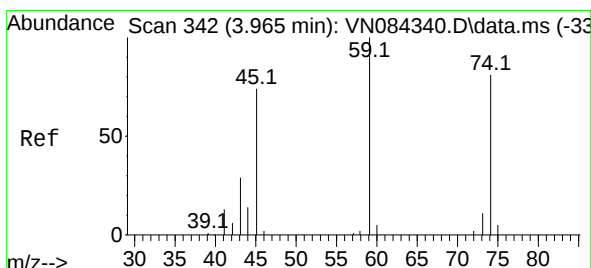
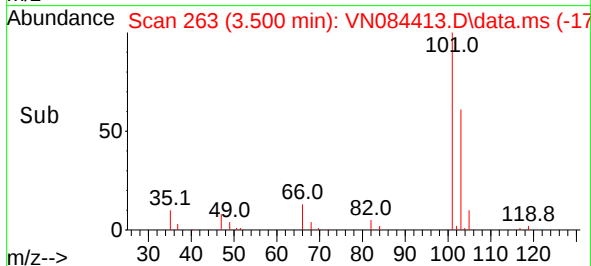
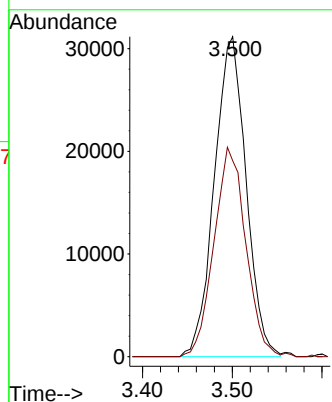


#7
 Trichlorofluoromethane
 Concen: 19.573 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084413.D
 Acq: 15 Oct 2024 13:51

Instrument :
 MSVOA_N
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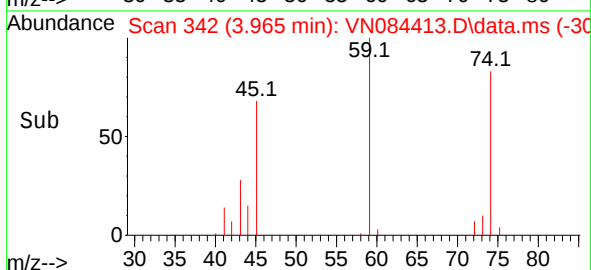
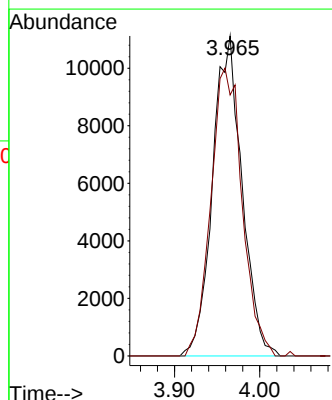
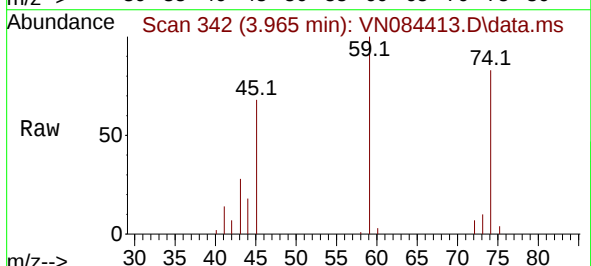


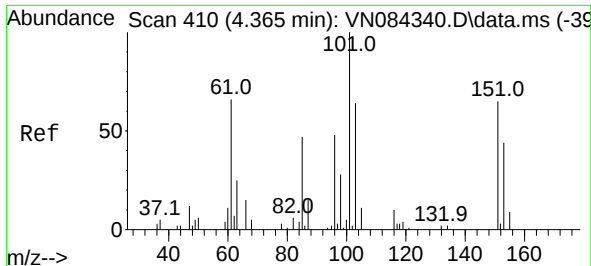
Tgt Ion:101 Resp: 76402
 Ion Ratio Lower Upper
 101 100
 103 61.2 49.0 73.6



#8
 Diethyl Ether
 Concen: 18.572 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN084413.D
 Acq: 15 Oct 2024 13:51

Tgt Ion: 74 Resp: 26652
 Ion Ratio Lower Upper
 74 100
 45 96.0 19.2 173.2

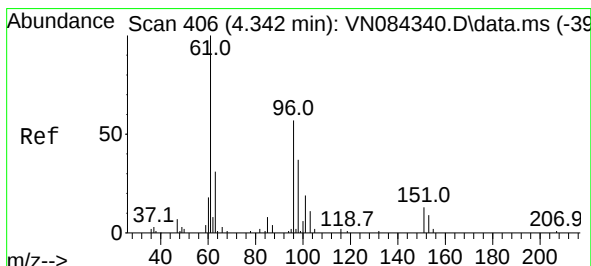
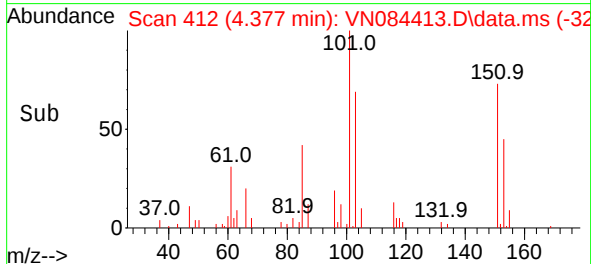
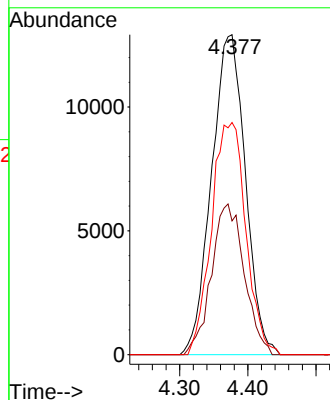
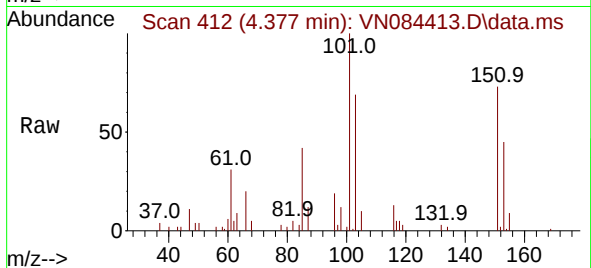




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.351 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN084413.D
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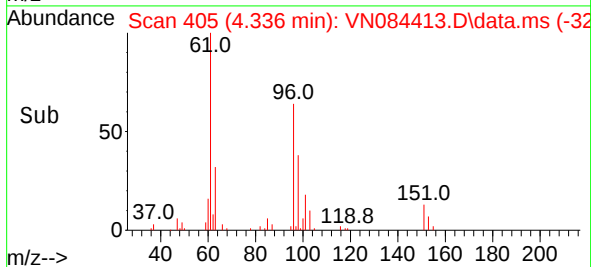
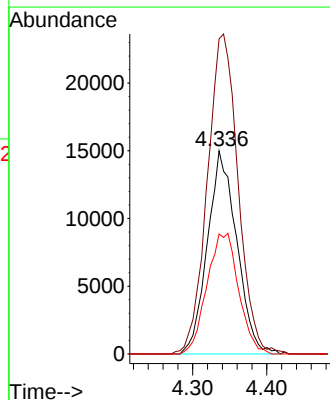
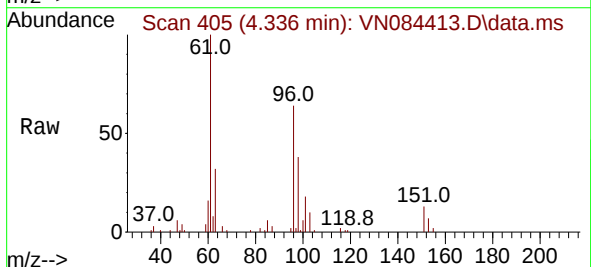
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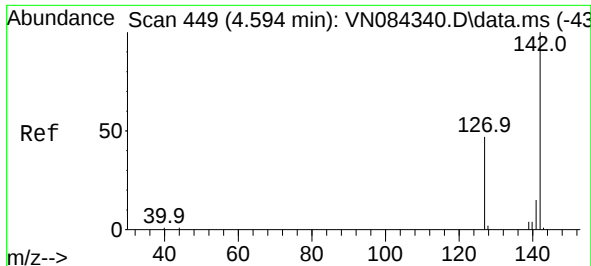
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Ion Ratio Lower Upper
101 100
85 45.7 0.0 93.6
151 38.9 0.0 151.8



#10
1,1-Dichloroethene
Concen: 18.796 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Tgt Ion: 96 Resp: 41162
Ion Ratio Lower Upper
96 100
61 153.8 140.8 211.2
98 59.1 52.2 78.2

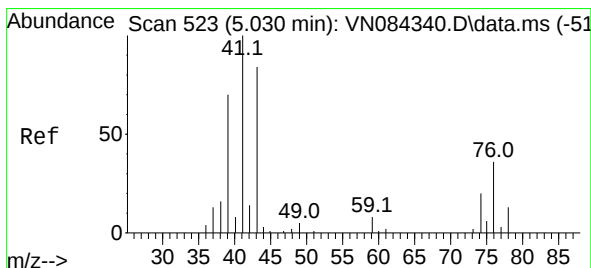
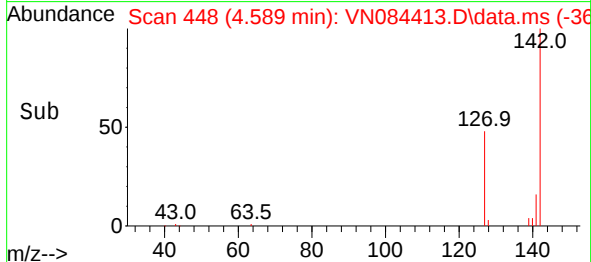
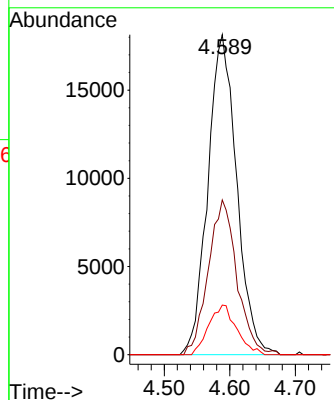
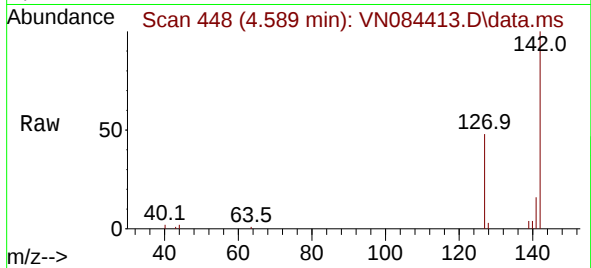




#11
Methyl Iodide
Concen: 19.230 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

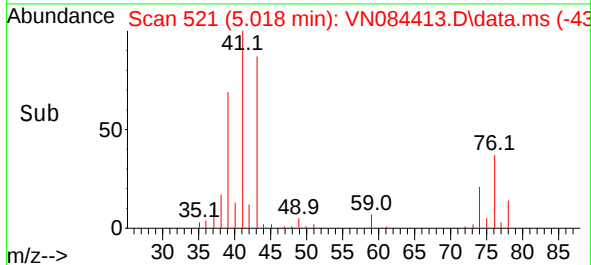
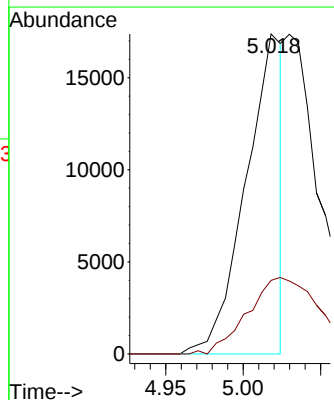
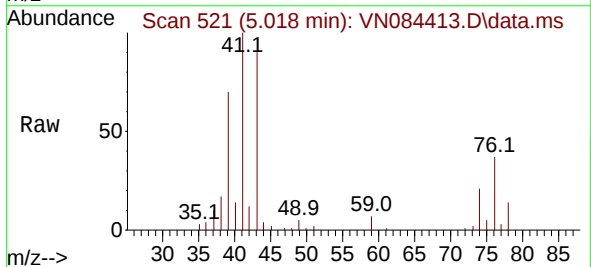
Instrument :
MSVOA_N
ClientSampleId :

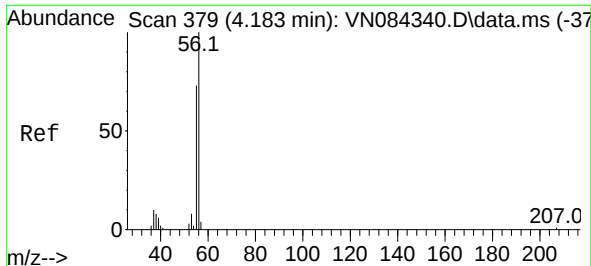
Tgt Ion:142 Resp: 55341
Ion Ratio Lower Upper
142 100
127 48.4 23.8 71.4
141 15.5 7.4 22.2



#12
Methyl Acetate
Concen: 10.434 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.012 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

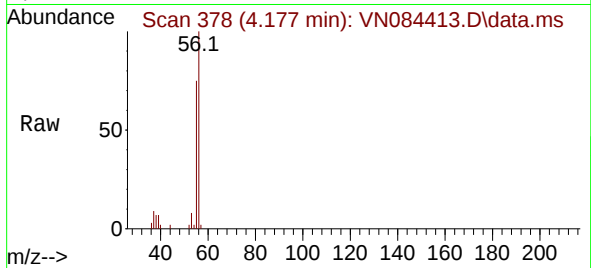
Tgt Ion: 43 Resp: 28607
Ion Ratio Lower Upper
43 100
74 21.5 19.4 29.2



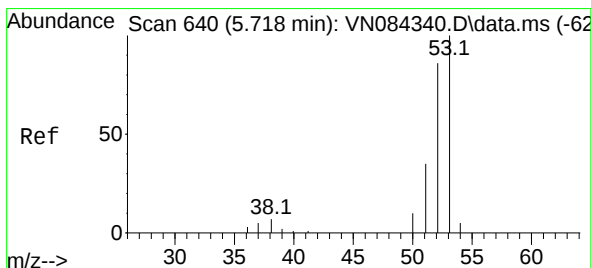
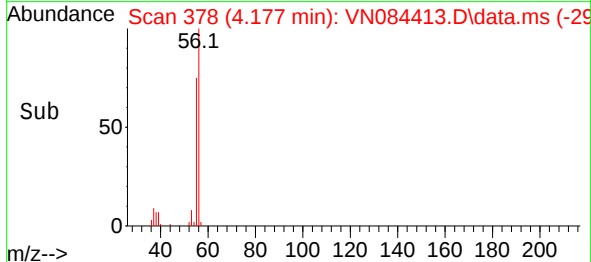
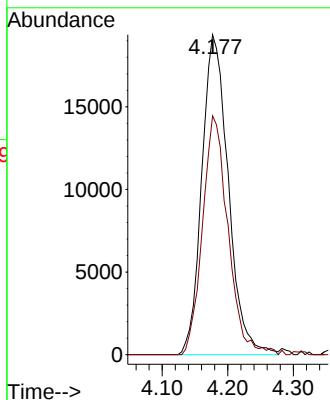


#13
Acrolein
Concen: 106.759 ug/l
RT: 4.177 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Instrument :
MSVOA_N
ClientSampleId :

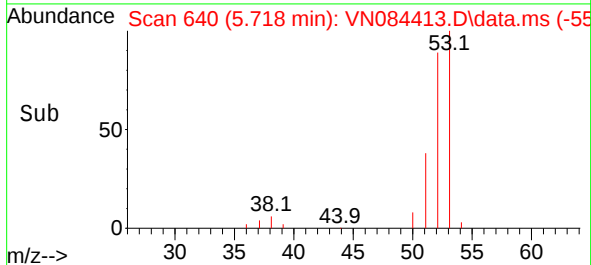
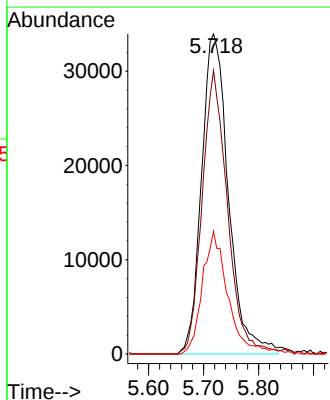
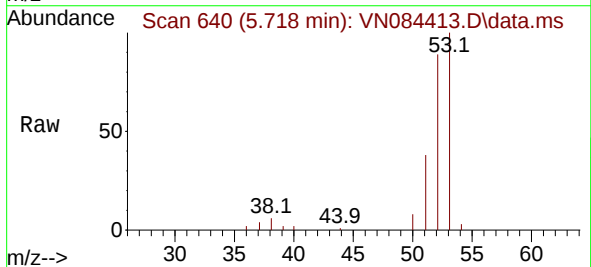


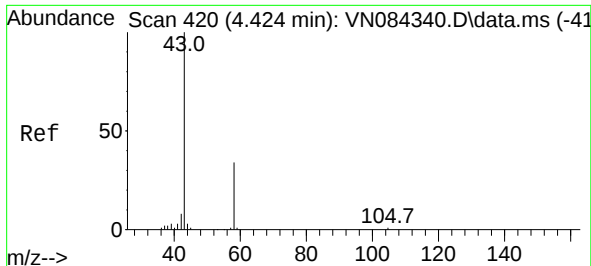
Tgt Ion: 56 Resp: 54371
Ion Ratio Lower Upper
56 100
55 70.0 56.4 84.6



#14
Acrylonitrile
Concen: 94.051 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Tgt Ion: 53 Resp: 115843
Ion Ratio Lower Upper
53 100
52 81.5 40.4 121.2
51 35.0 17.8 53.4





#15

Acetone

Concen: 112.806 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

Instrument :

MSVOA_N

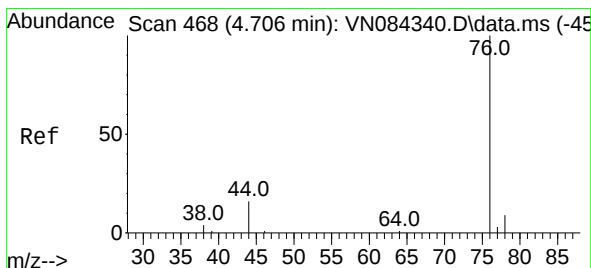
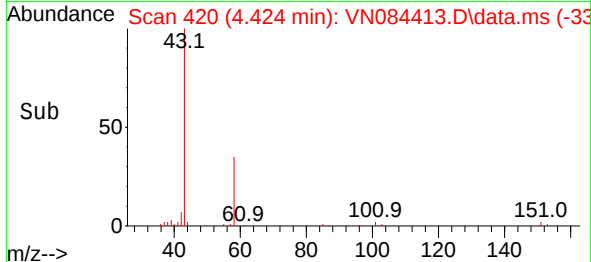
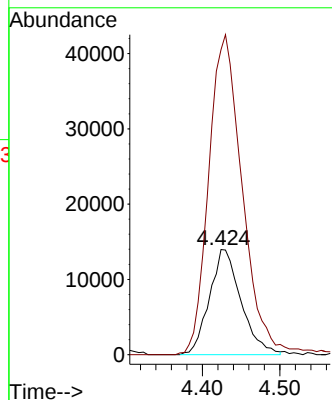
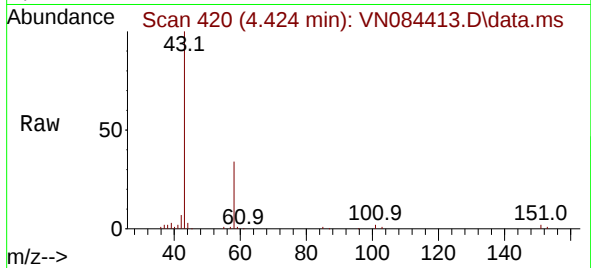
ClientSampleId :

Tgt Ion: 58 Resp: 39691

Ion Ratio Lower Upper

58 100

43 288.4 237.5 356.3



#16

Carbon Disulfide

Concen: 17.789 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN084413.D

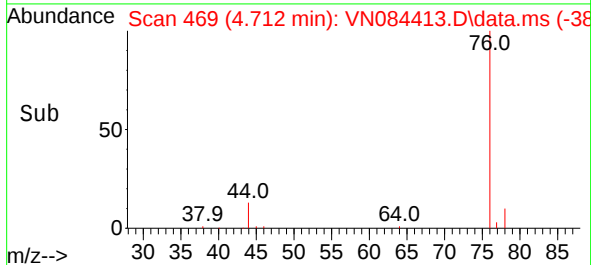
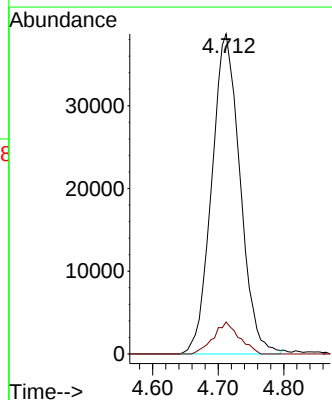
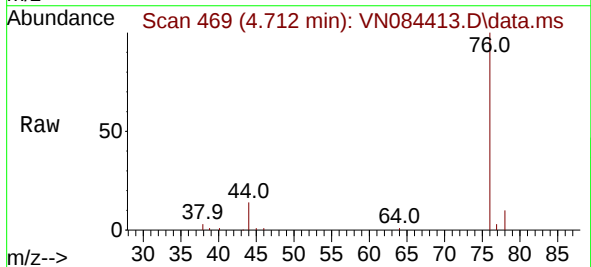
Acq: 15 Oct 2024 13:51

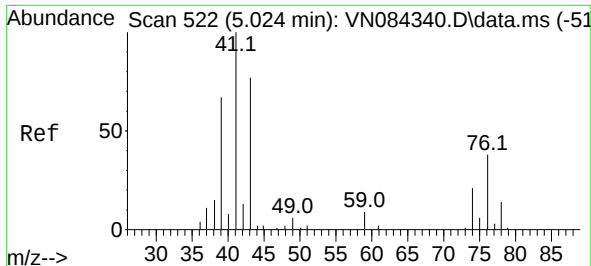
Tgt Ion: 76 Resp: 116008

Ion Ratio Lower Upper

76 100

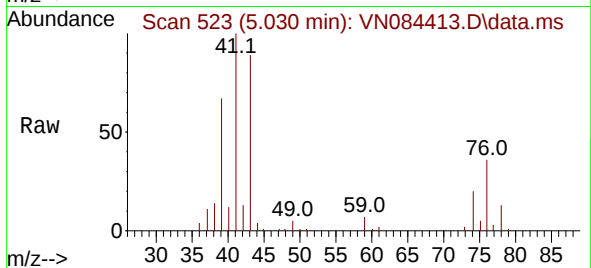
78 10.0 7.1 10.7



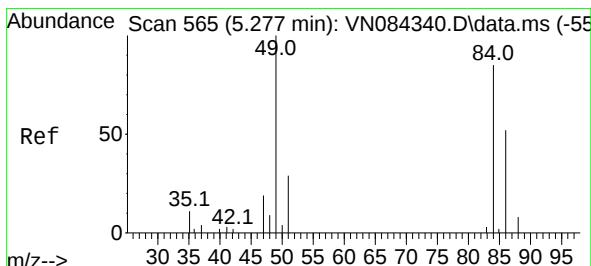
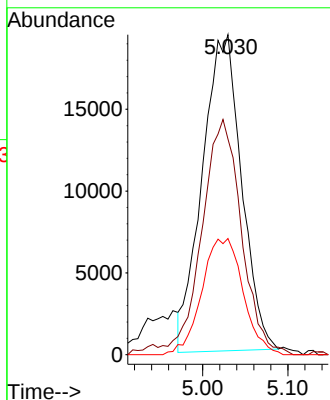
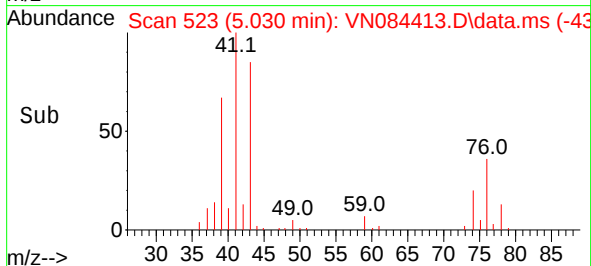


#17
Allyl chloride
Concen: 17.444 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Instrument :
MSVOA_N
ClientSampleId :

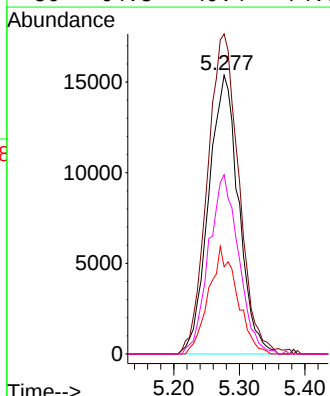
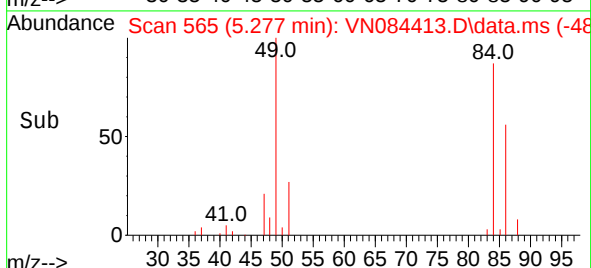
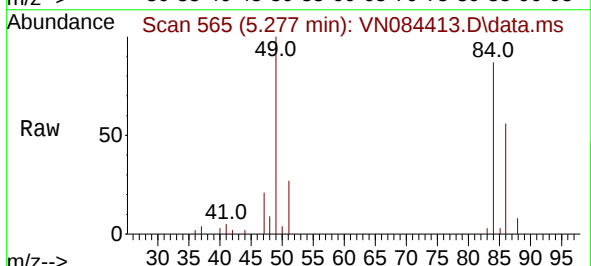


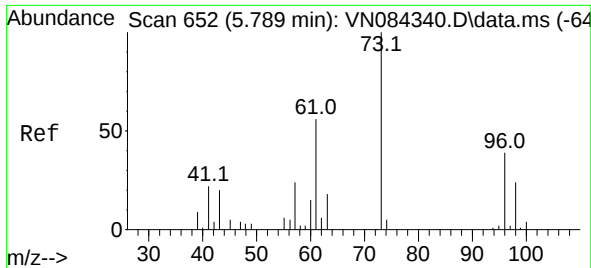
Tgt Ion: 41 Resp: 61926
Ion Ratio Lower Upper
41 100
39 66.2 31.4 94.3
76 36.0 17.8 53.5



#18
Methylene Chloride
Concen: 19.853 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Tgt Ion: 84 Resp: 48977
Ion Ratio Lower Upper
84 100
49 114.8 94.6 142.0
51 31.3 27.3 40.9
86 64.3 49.4 74.0





#19

trans-1,2-Dichloroethene

Concen: 19.082 ug/l

RT: 5.783 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

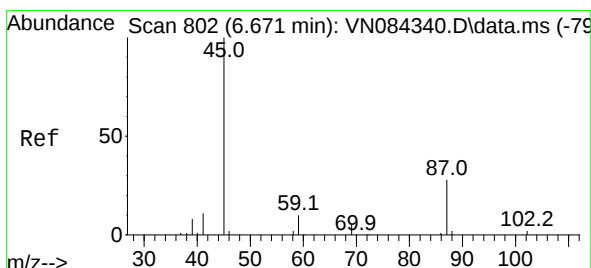
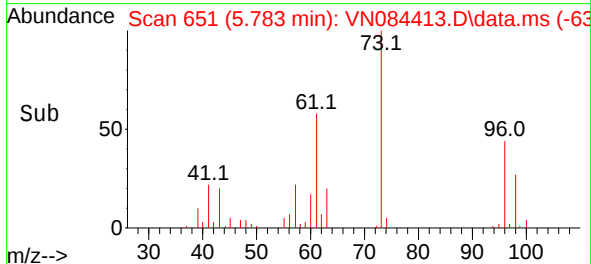
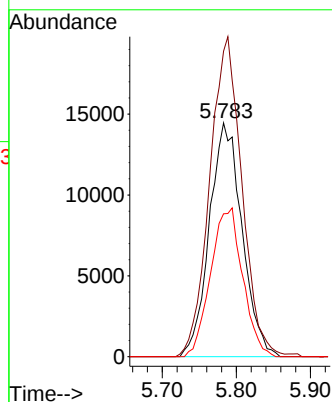
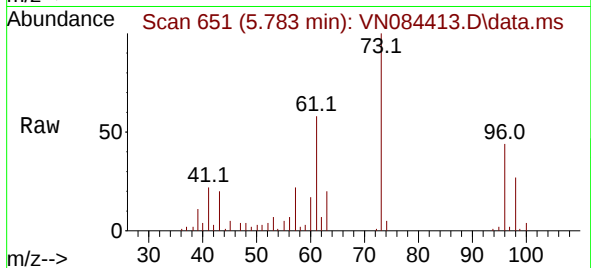
Tgt Ion: 96 Resp: 44227

Ion Ratio Lower Upper

96 100

61 129.6 115.8 173.6

98 61.1 49.4 74.0



#20

Diisopropyl ether

Concen: 19.329 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

Tgt Ion: 45 Resp: 147535

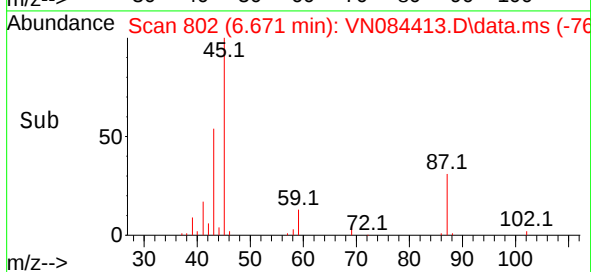
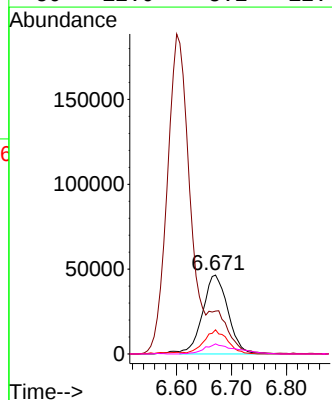
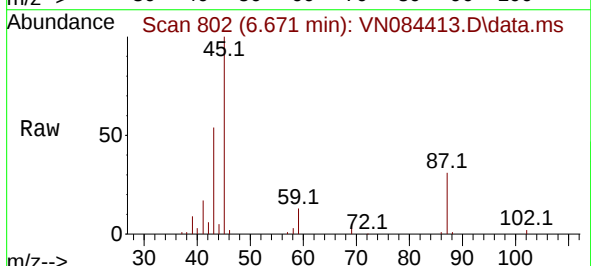
Ion Ratio Lower Upper

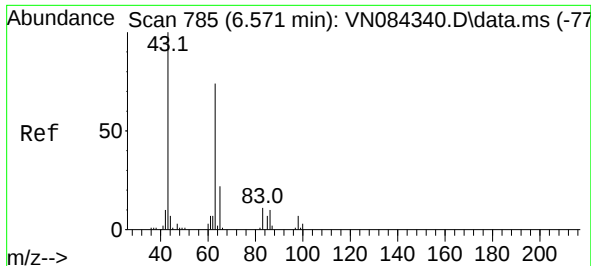
45 100

43 53.2 43.7 65.5

87 30.6 23.1 34.7

59 12.9 8.2 12.4#





#21

1,1-Dichloroethane

Concen: 19.851 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.006 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

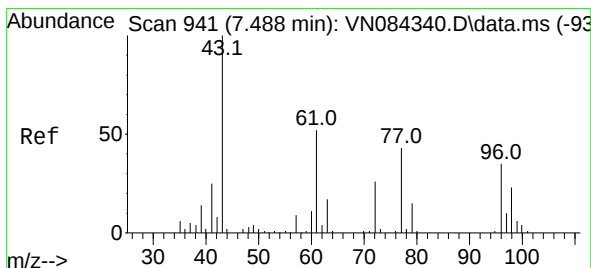
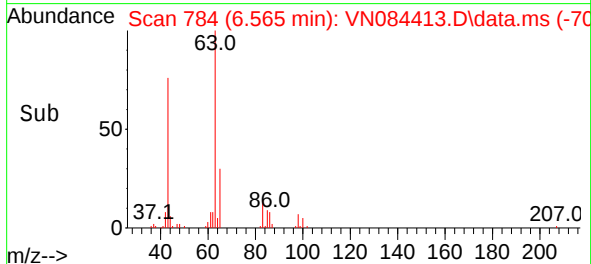
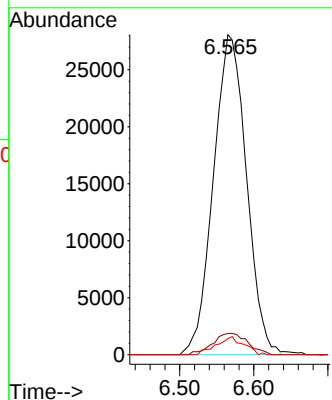
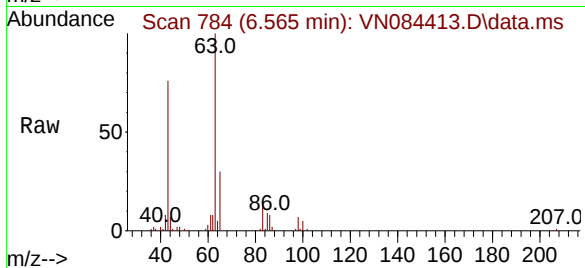
Tgt Ion: 63 Resp: 86939

Ion Ratio Lower Upper

63 100

98 6.7 4.5 13.4

100 5.0 2.1 6.3



#22

cis-1,2-Dichloroethene

Concen: 19.420 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

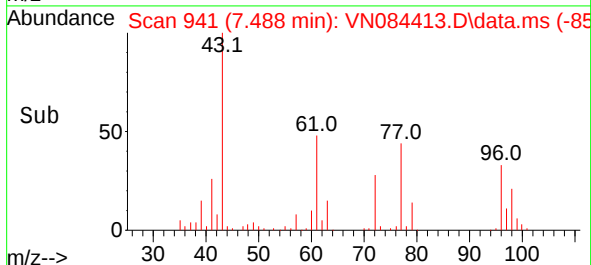
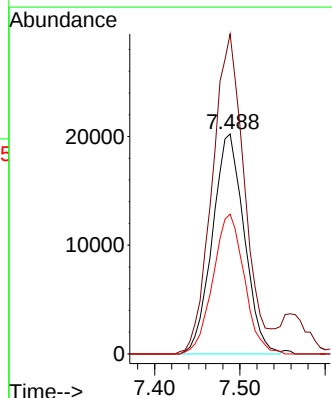
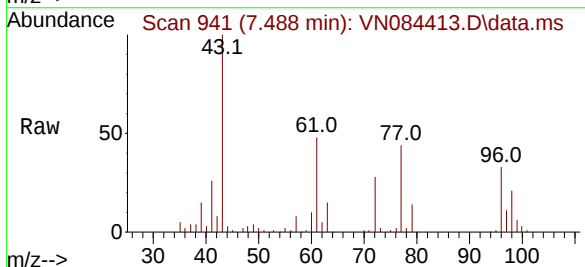
Tgt Ion: 96 Resp: 52376

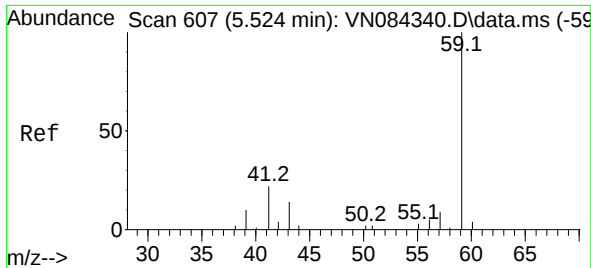
Ion Ratio Lower Upper

96 100

61 146.8 118.0 177.0

98 62.7 51.8 77.8





#23

tert-Butyl Alcohol

Concen: 88.775 ug/l

RT: 5.518 min Scan# 607

Delta R.T. -0.006 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

Instrument :

MSVOA_N

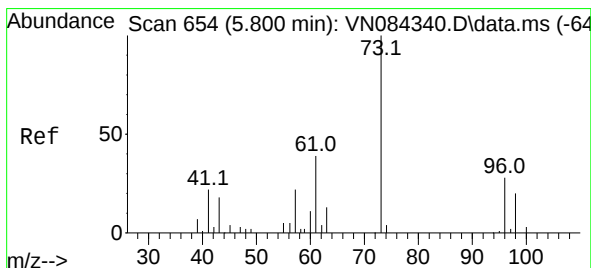
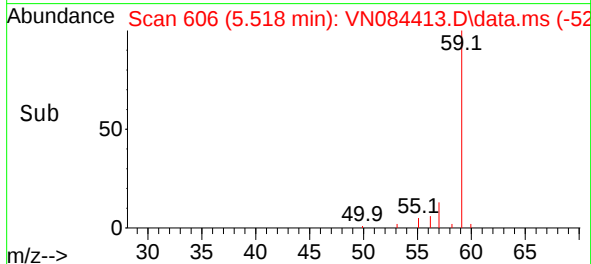
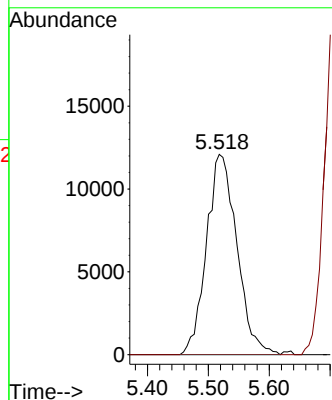
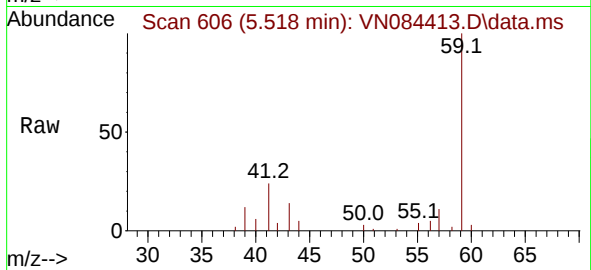
ClientSampleId :

Tgt Ion: 59 Resp: 41942

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 18.977 ug/l

RT: 5.794 min Scan# 653

Delta R.T. -0.006 min

Lab File: VN084413.D

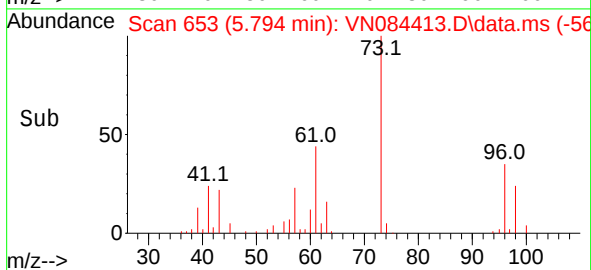
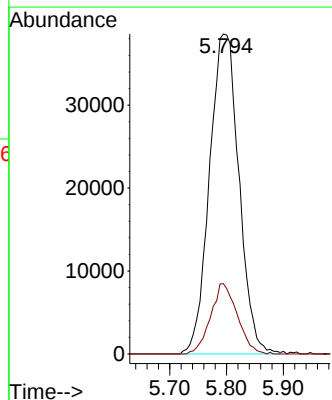
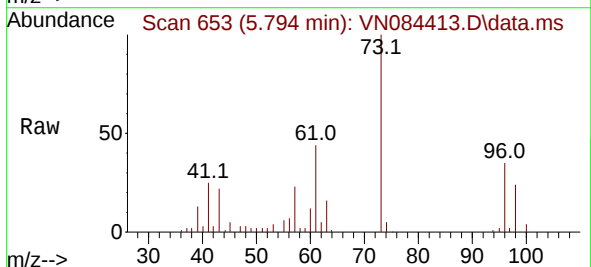
Acq: 15 Oct 2024 13:51

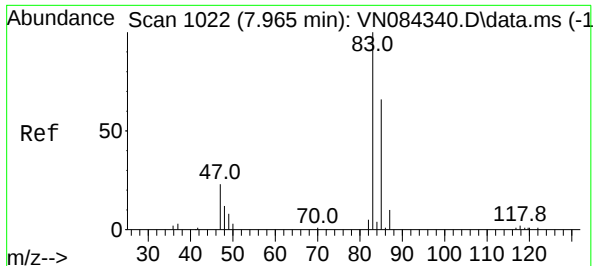
Tgt Ion: 73 Resp: 138886

Ion Ratio Lower Upper

73 100

43 19.9 10.9 16.3#





#25

Chloroform

Concen: 19.848 ug/l

RT: 7.971 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

Instrument :

MSVOA_N

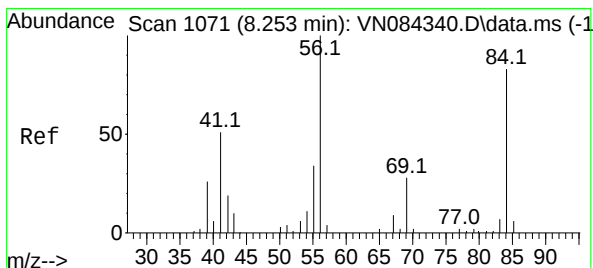
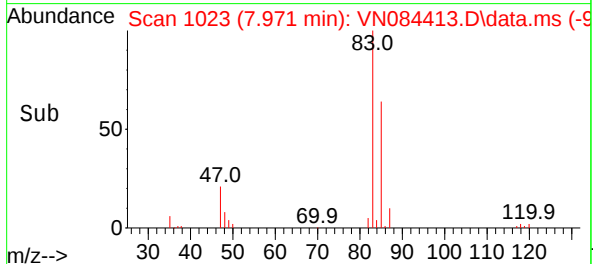
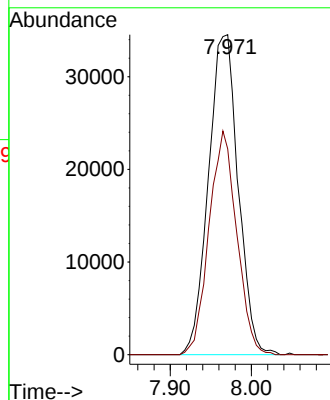
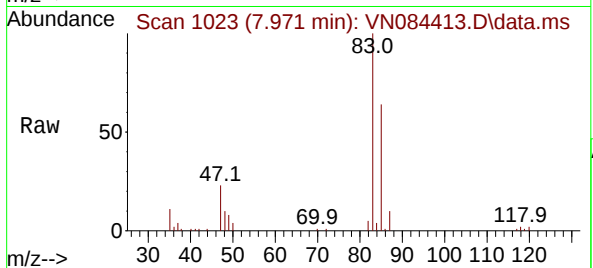
ClientSampleId :

Tgt Ion: 83 Resp: 88039

Ion Ratio Lower Upper

83 100

85 64.3 52.4 78.6



#26

Cyclohexane

Concen: 18.249 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.006 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

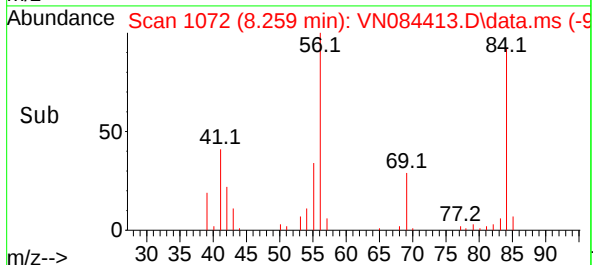
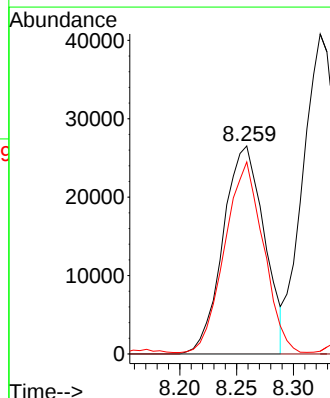
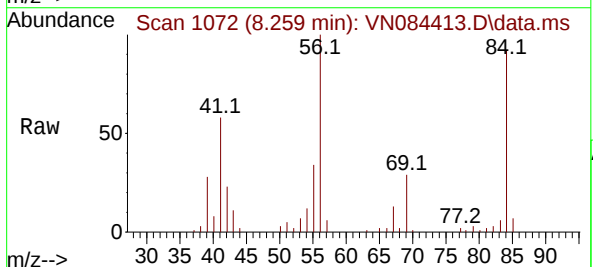
Tgt Ion: 56 Resp: 66845

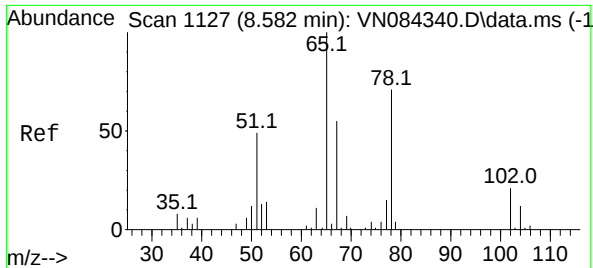
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.7 67.0 100.6

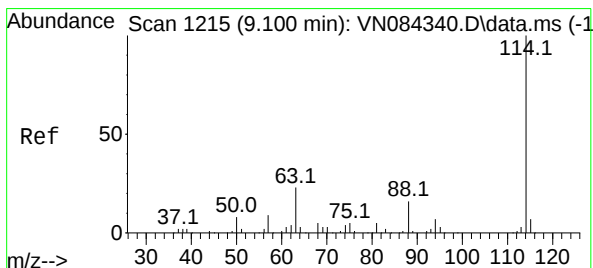
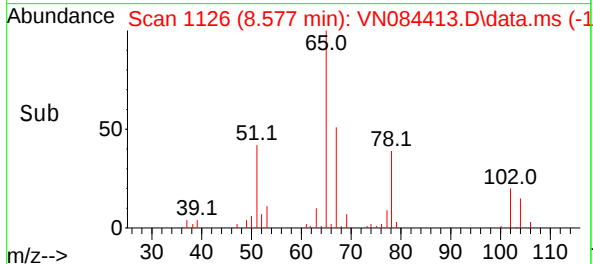
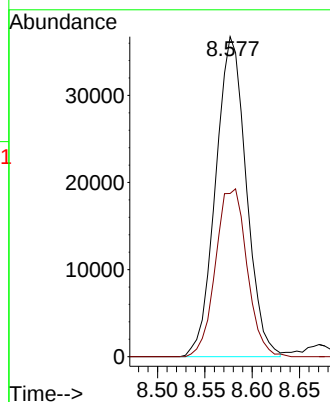
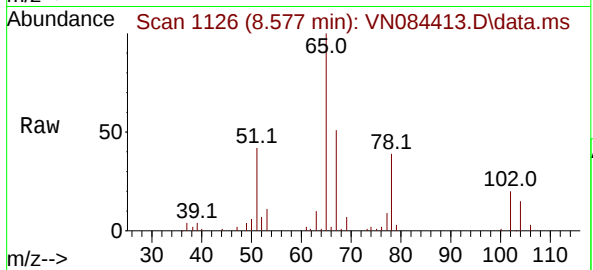




#27
1,2-Dichloroethane-d4
Concen: 29.209 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

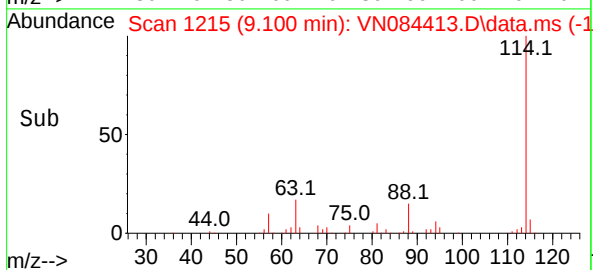
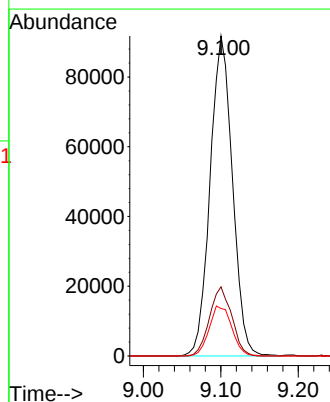
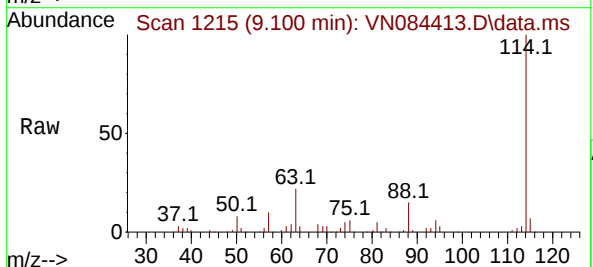
Instrument :
MSVOA_N
ClientSampleId :

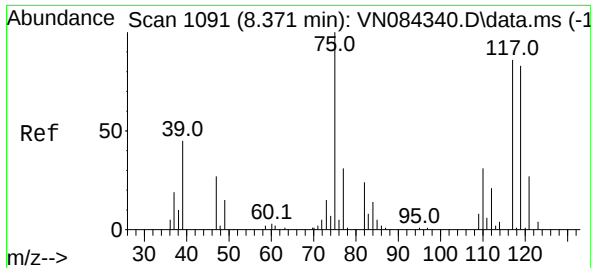
Tgt Ion: 65 Resp: 82707
Ion Ratio Lower Upper
65 100
67 53.8 41.5 62.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Tgt Ion:114 Resp: 183748
Ion Ratio Lower Upper
114 100
63 21.4 17.4 26.0
88 15.9 13.2 19.8

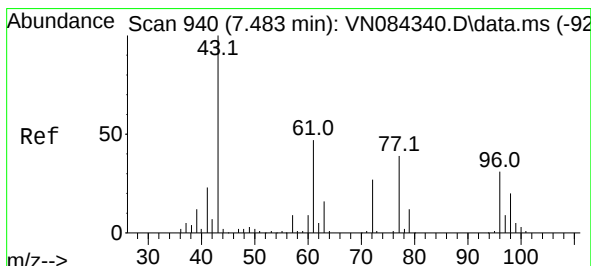
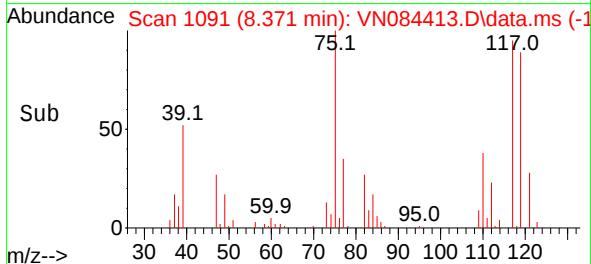
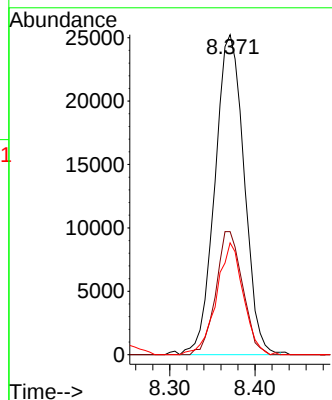
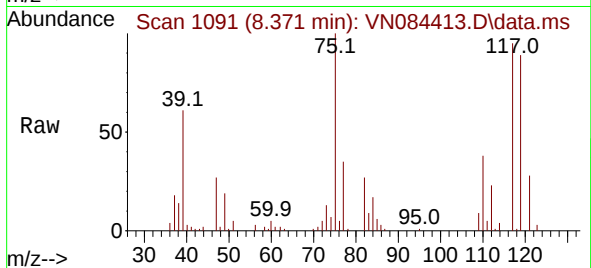




#29
1,1-Dichloropropene
Concen: 19.899 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

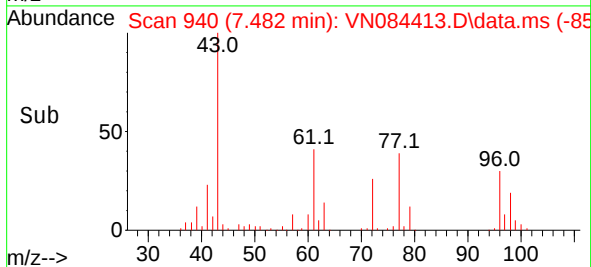
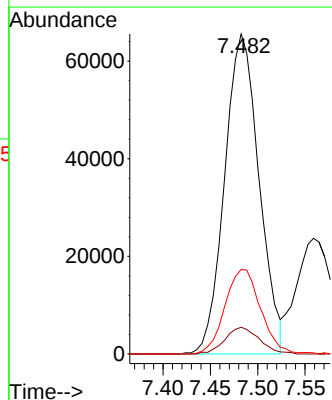
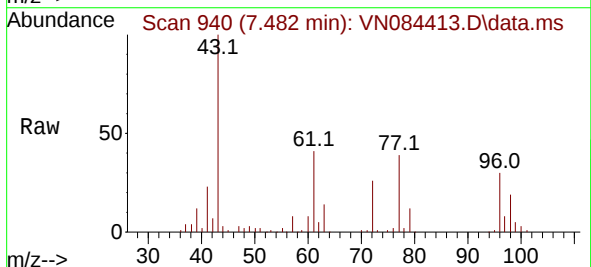
Instrument :
MSVOA_N
ClientSampleId :

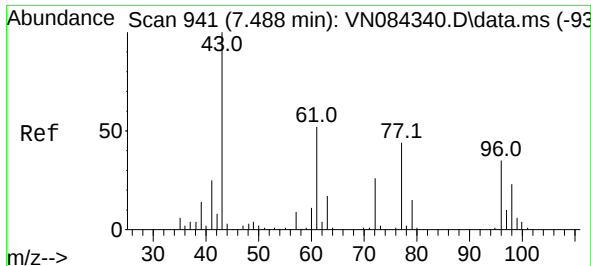
Tgt Ion: 75 Resp: 60022
Ion Ratio Lower Upper
75 100
110 35.3 0.0 67.6
77 32.1 0.0 61.4



#30
2-Butanone
Concen: 103.377 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Tgt Ion: 43 Resp: 166022
Ion Ratio Lower Upper
43 100
57 8.3 6.6 9.8
72 27.3 21.3 31.9

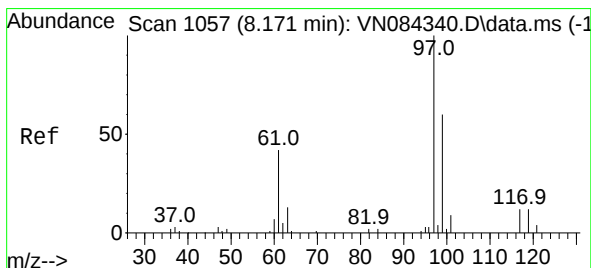
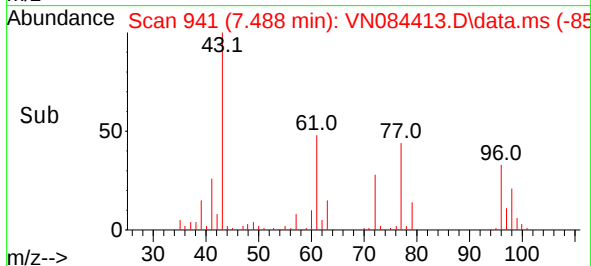
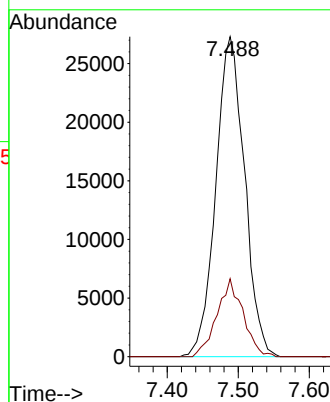
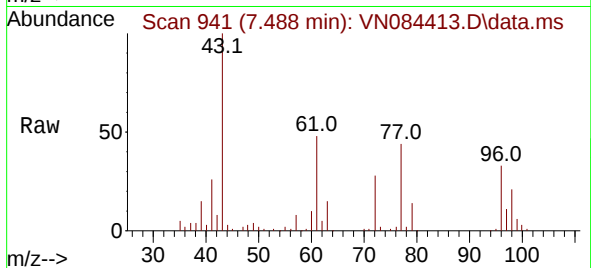




#31
2,2-Dichloropropane
Concen: 21.623 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

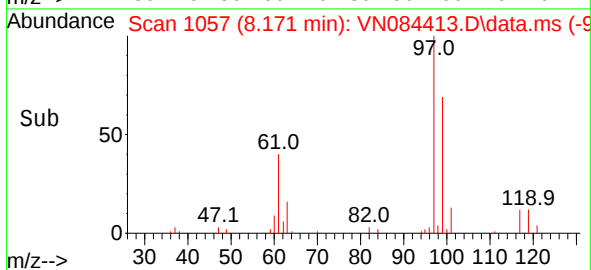
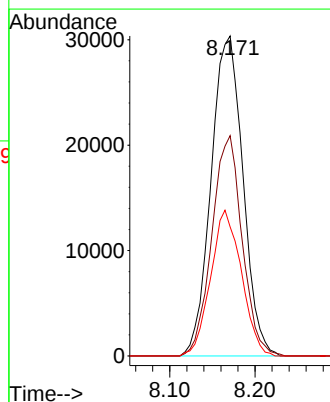
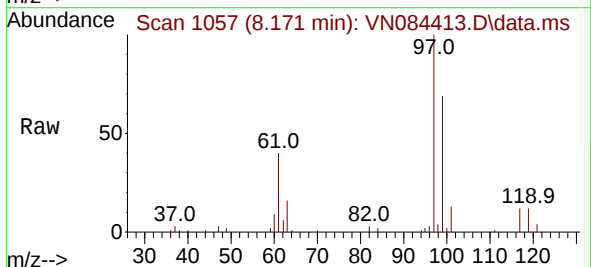
Instrument :
MSVOA_N
ClientSampleId :

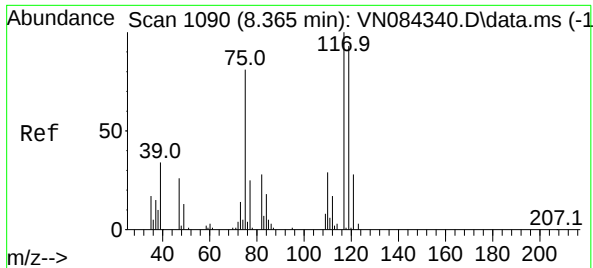
Tgt Ion: 77 Resp: 76646
Ion Ratio Lower Upper
77 100
97 21.9 11.5 17.3#



#32
1,1,1-Trichloroethane
Concen: 20.475 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

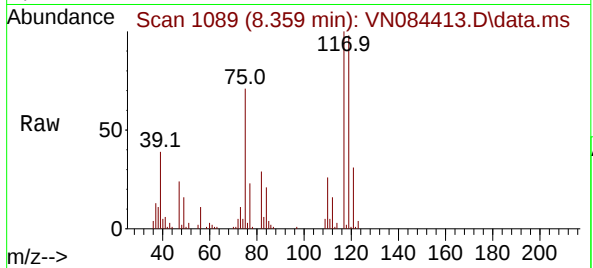
Tgt Ion: 97 Resp: 78941
Ion Ratio Lower Upper
97 100
99 65.3 51.2 76.8
61 44.0 34.1 51.1



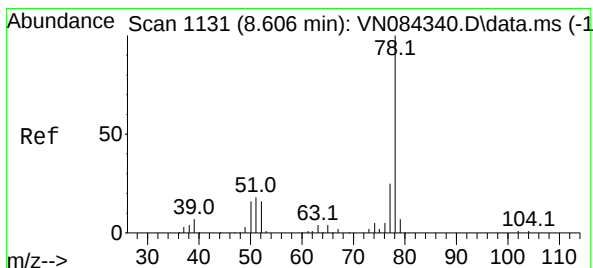
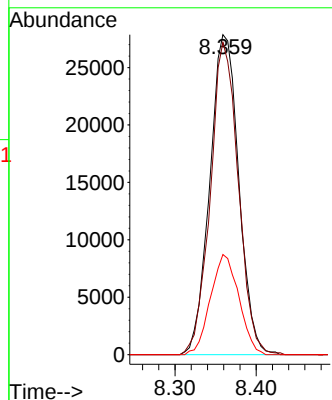
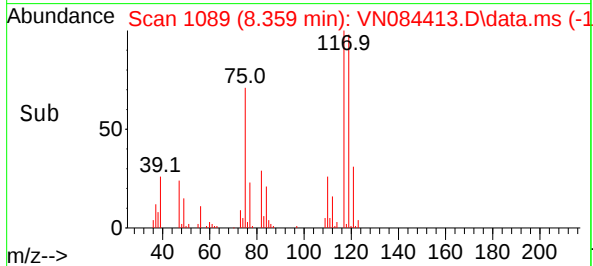


#33
Carbon Tetrachloride
Concen: 20.684 ug/l
RT: 8.359 min Scan# 11089
Delta R.T. -0.006 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Instrument :
MSVOA_N
ClientSampleId :

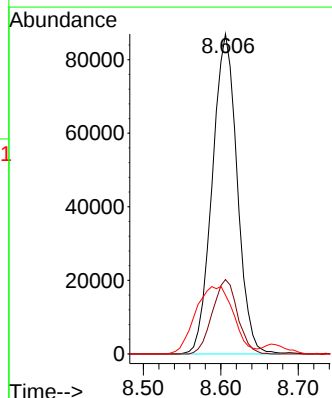
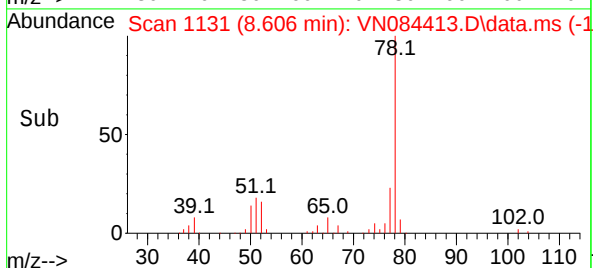
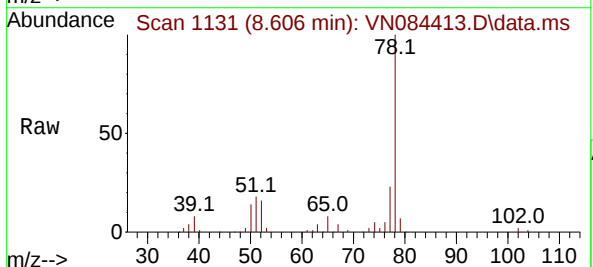


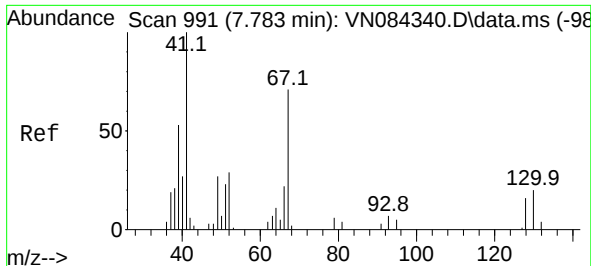
Tgt Ion:117 Resp: 69087
Ion Ratio Lower Upper
117 100
119 97.6 74.3 111.5
121 31.3 22.4 33.6



#34
Benzene
Concen: 20.551 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Tgt Ion: 78 Resp: 194046
Ion Ratio Lower Upper
78 100
77 23.3 19.6 29.4
51 16.6 15.8 23.6



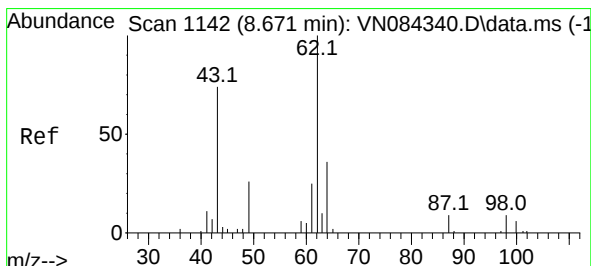
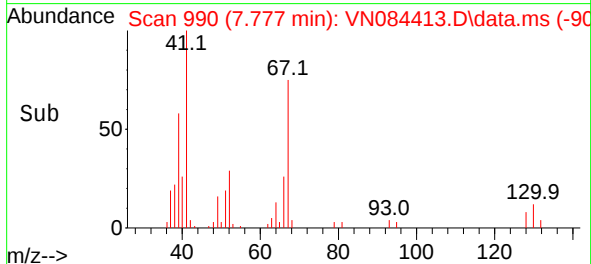
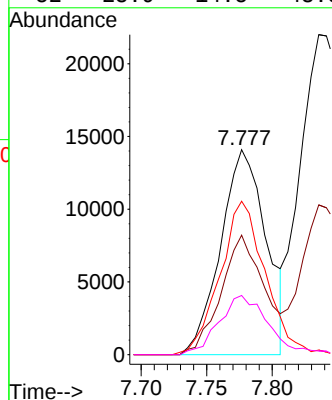
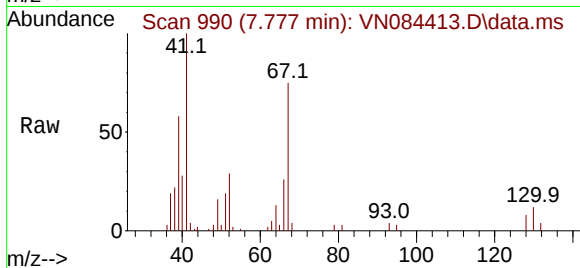


#35
Methacrylonitrile
Concen: 19.878 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 34057

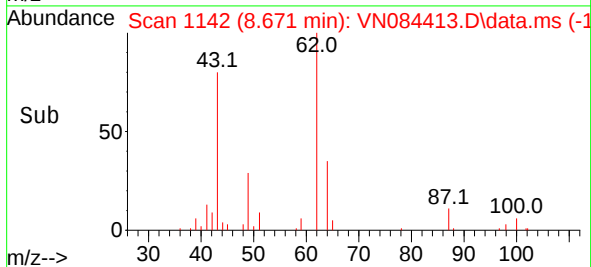
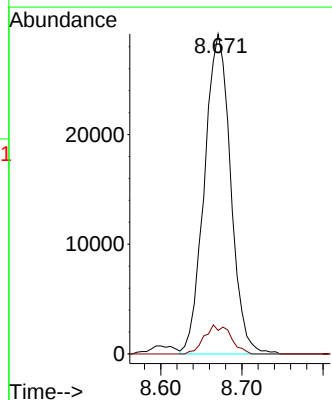
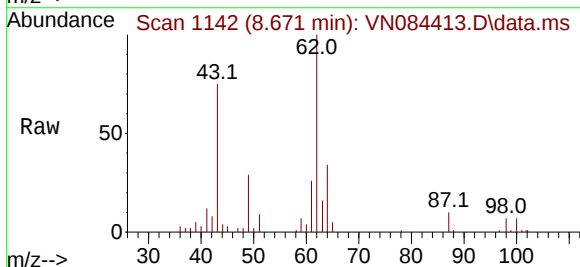
Ion	Ratio	Lower	Upper
41	100		
39	58.3	26.4	79.0
67	73.7	35.7	107.1
52	28.9	14.5	43.5

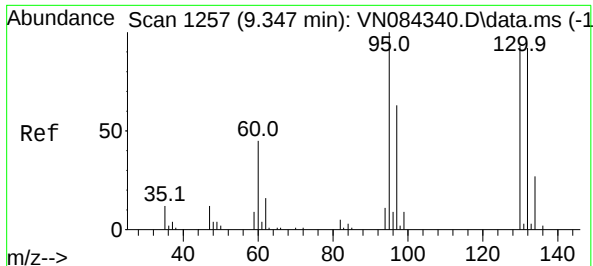


#36
1,2-Dichloroethane
Concen: 20.815 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Tgt Ion: 62 Resp: 65510

Ion	Ratio	Lower	Upper
62	100		
98	5.2	7.3	10.9

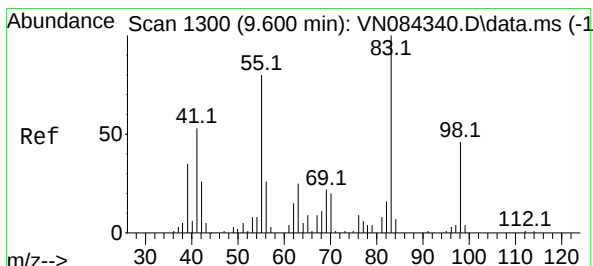
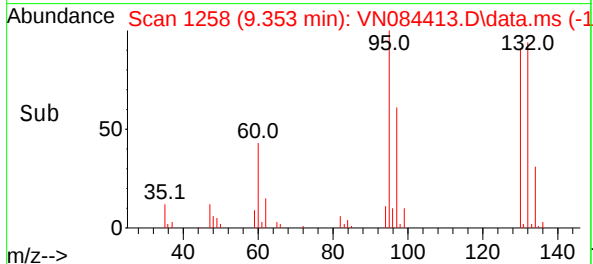
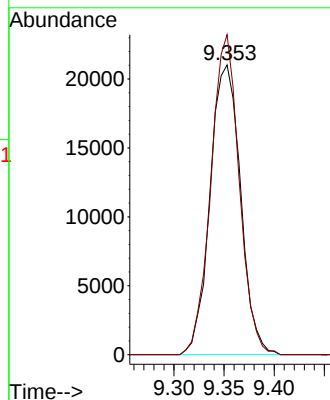
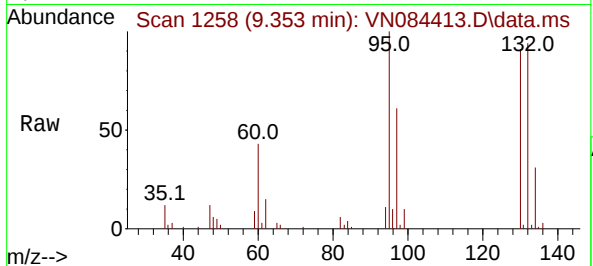




#37
Trichloroethene
Concen: 20.472 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

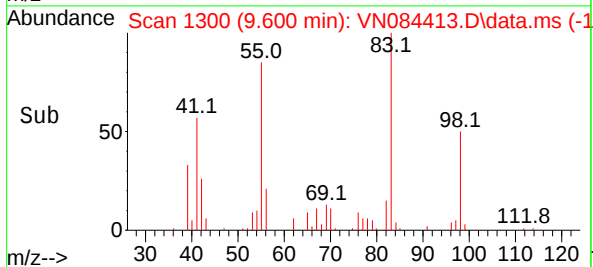
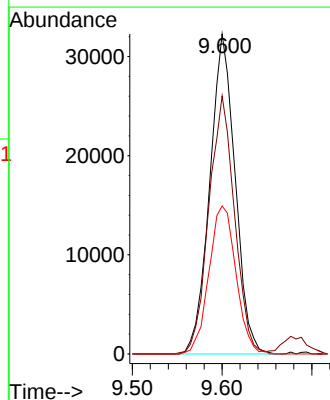
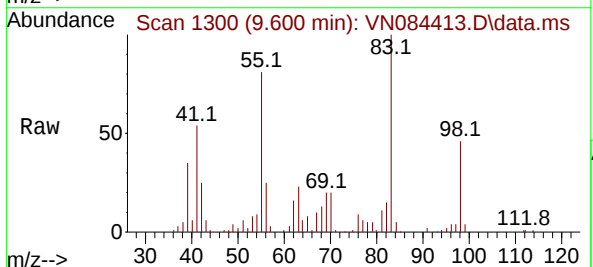
Instrument :
MSVOA_N
ClientSampleId :

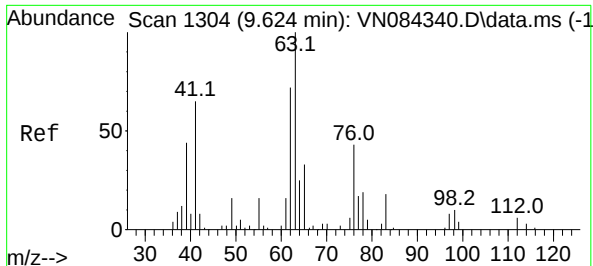
Tgt Ion:130 Resp: 44512
Ion Ratio Lower Upper
130 100
95 110.4 85.8 128.6



#38
Methylcyclohexane
Concen: 19.119 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Tgt Ion: 83 Resp: 63346
Ion Ratio Lower Upper
83 100
55 81.6 39.3 117.8
98 49.3 24.0 72.0

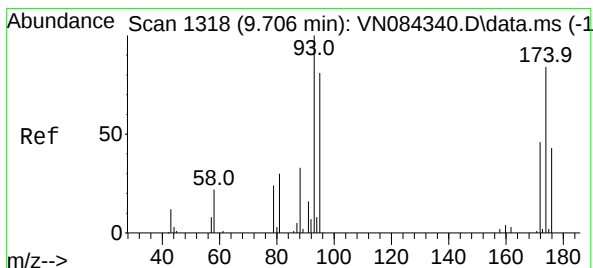
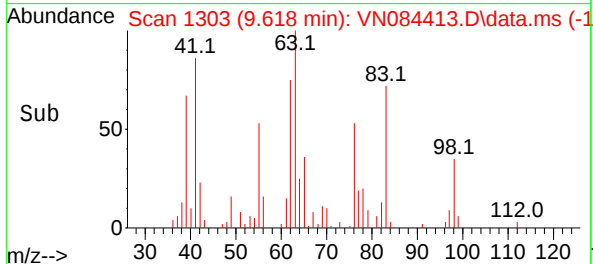
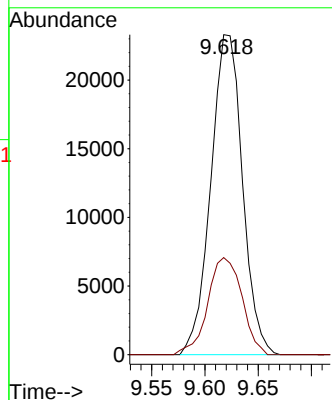
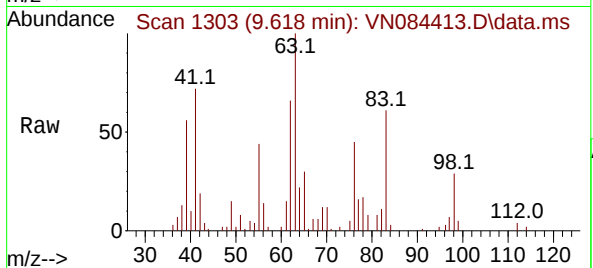




#39
1,2-Dichloropropane
Concen: 20.934 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

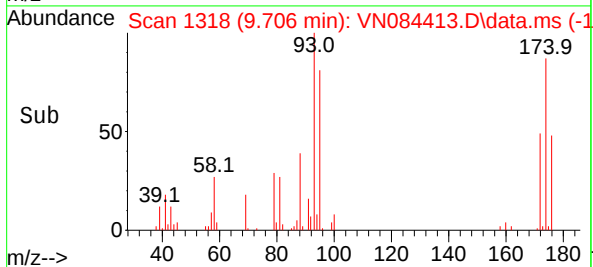
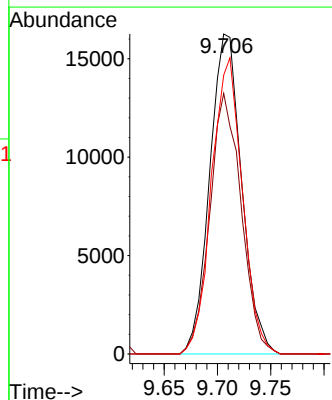
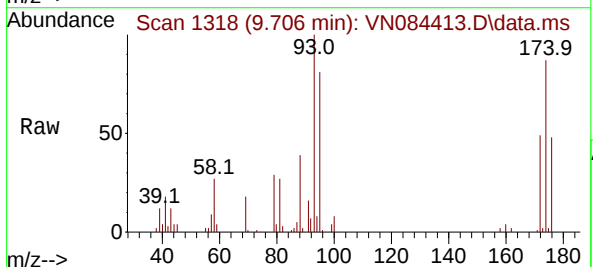
Instrument :
MSVOA_N
ClientSampleId :

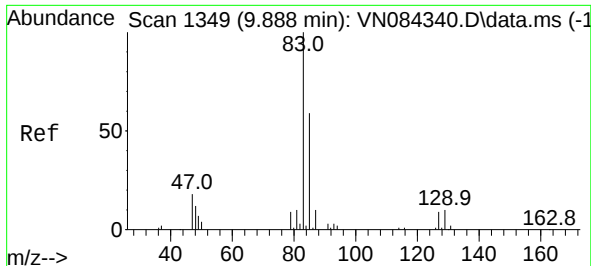
Tgt Ion: 63 Resp: 48202
Ion Ratio Lower Upper
63 100
65 30.4 26.3 39.5



#40
Dibromomethane
Concen: 21.088 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

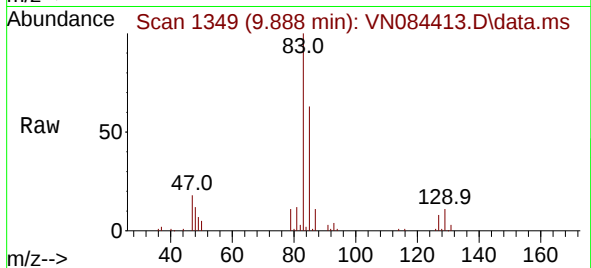
Tgt Ion: 93 Resp: 33935
Ion Ratio Lower Upper
93 100
95 79.8 0.0 171.4
174 89.1 0.0 183.0



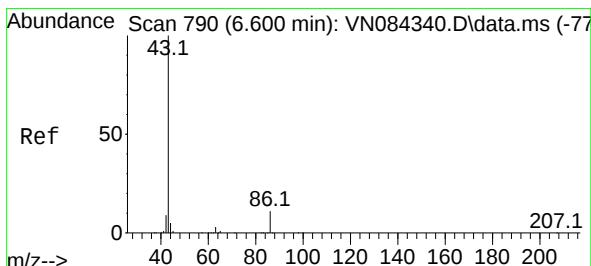
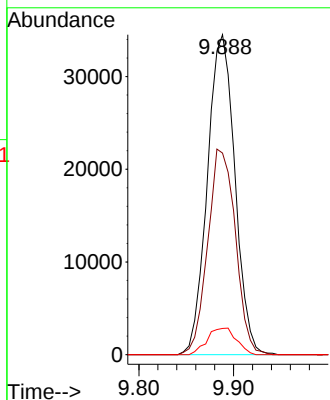
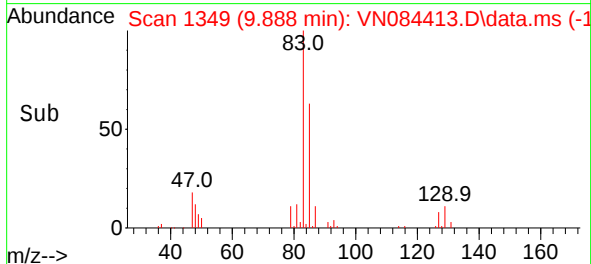


#41
Bromodichloromethane
Concen: 20.419 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Instrument :
MSVOA_N
ClientSampleId :

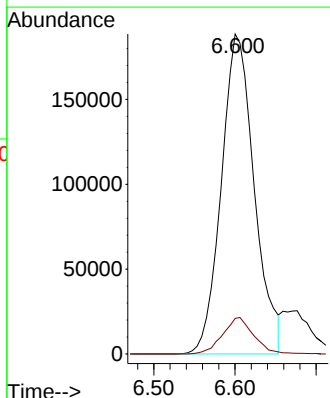
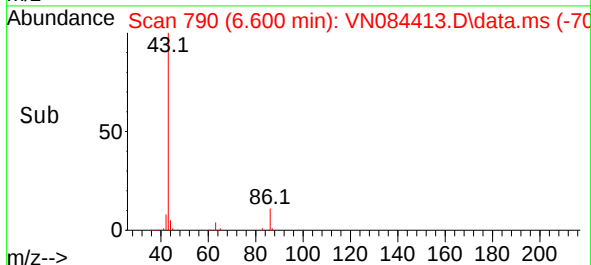
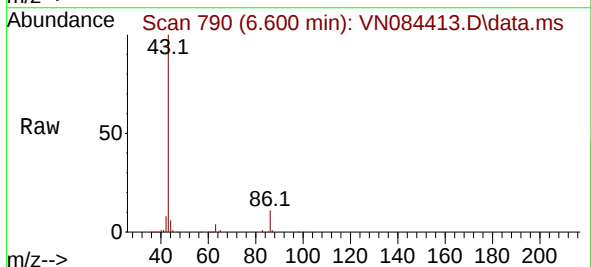


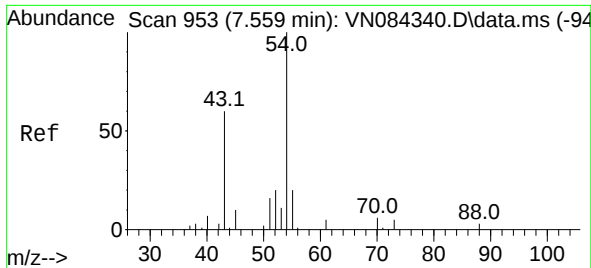
Tgt Ion: 83 Resp: 69757
Ion Ratio Lower Upper
83 100
85 63.0 47.1 70.7
127 8.2 7.1 10.7



#42
Vinyl Acetate
Concen: 95.156 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Tgt Ion: 43 Resp: 531488
Ion Ratio Lower Upper
43 100
86 10.8 8.5 12.7

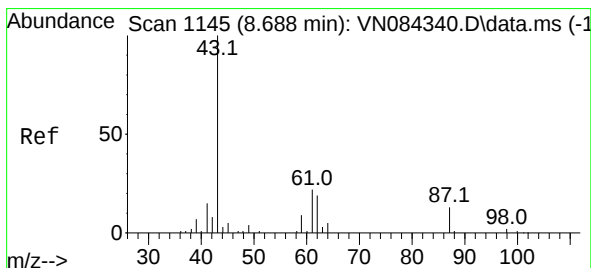
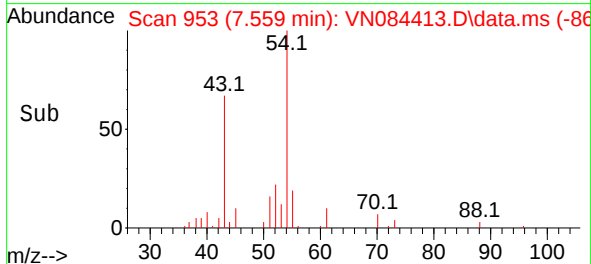
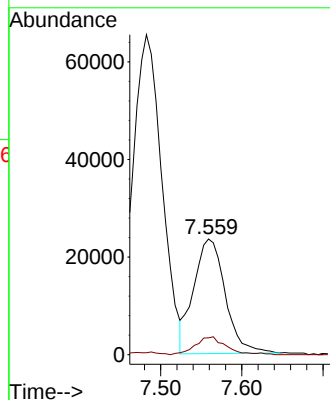
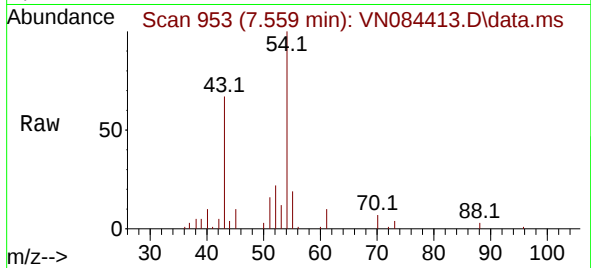




#43
Ethyl Acetate
Concen: 20.071 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

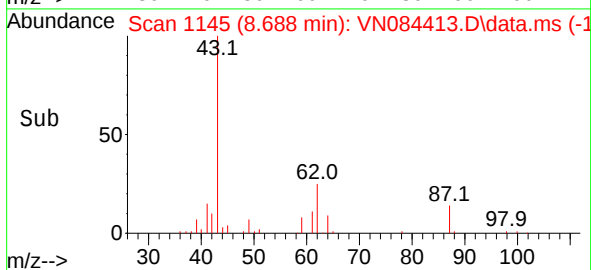
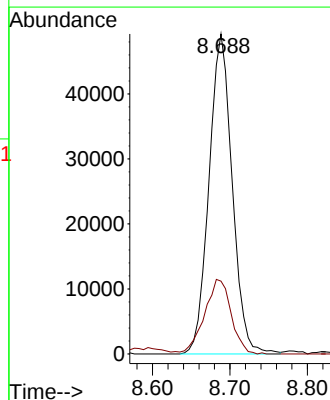
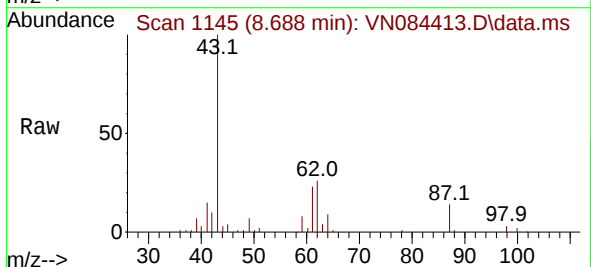
Instrument :
MSVOA_N
ClientSampleId :

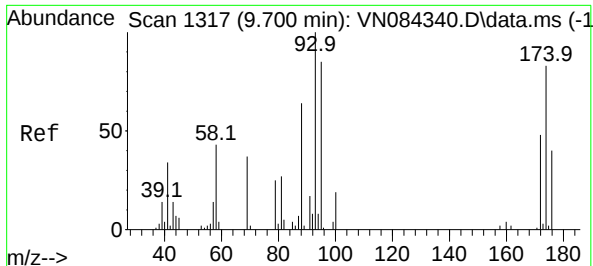
Tgt Ion: 43 Resp: 63571
Ion Ratio Lower Upper
43 100
45 14.7 10.6 16.0



#44
Isopropyl Acetate
Concen: 19.800 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Tgt Ion: 43 Resp: 102646
Ion Ratio Lower Upper
43 100
61 26.5 21.4 32.2





#45

1,4-Dioxane

Concen: 412.796 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

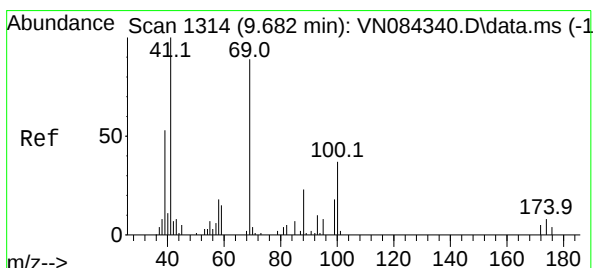
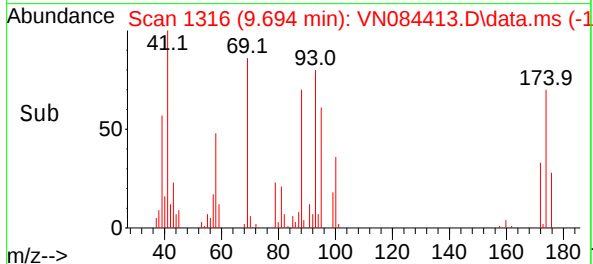
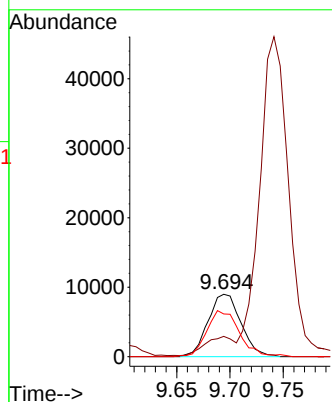
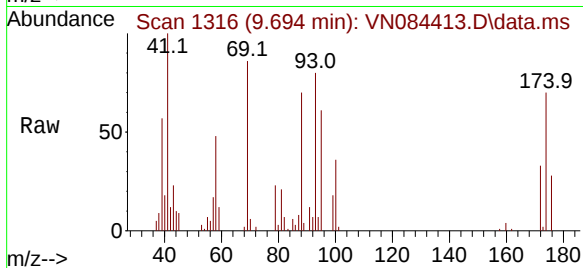
Tgt Ion: 88 Resp: 19291

Ion Ratio Lower Upper

88 100

43 29.8 22.4 33.6

58 72.8 59.7 89.5



#46

Methyl methacrylate

Concen: 19.290 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

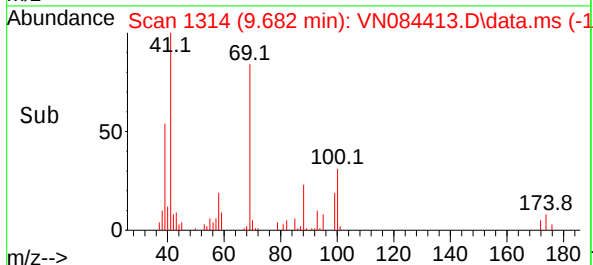
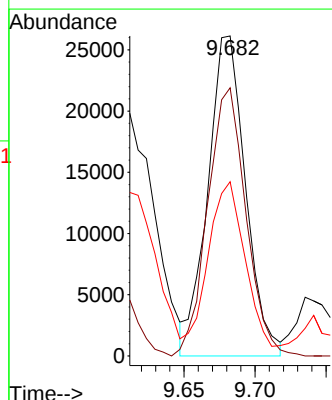
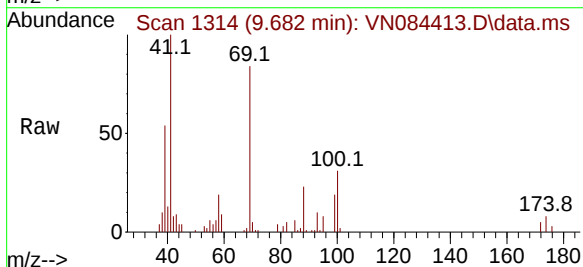
Tgt Ion: 41 Resp: 48318

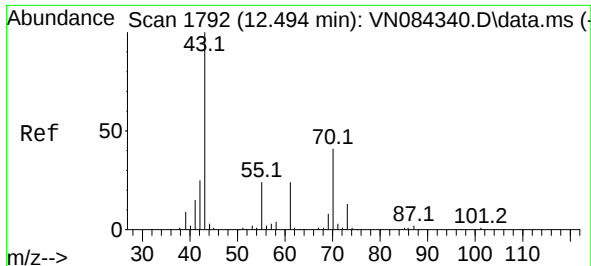
Ion Ratio Lower Upper

41 100

69 85.5 42.6 128.0

39 53.5 27.5 82.4





#47

n-amyl acetate

Concen: 19.031 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

Instrument :

MSVOA_N

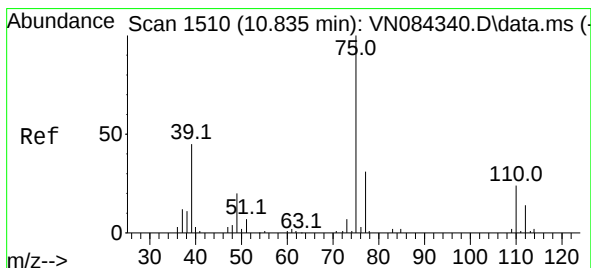
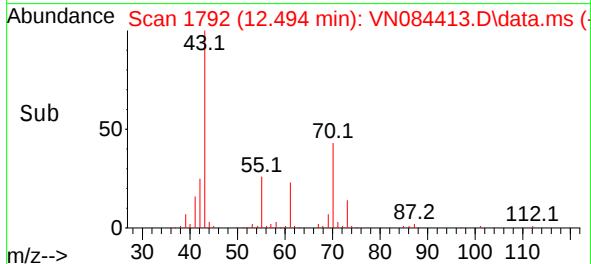
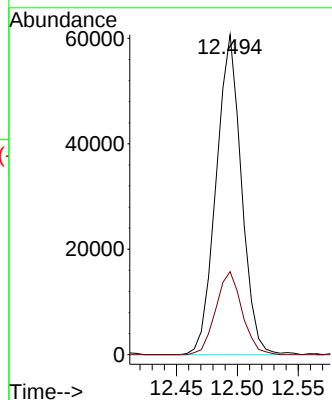
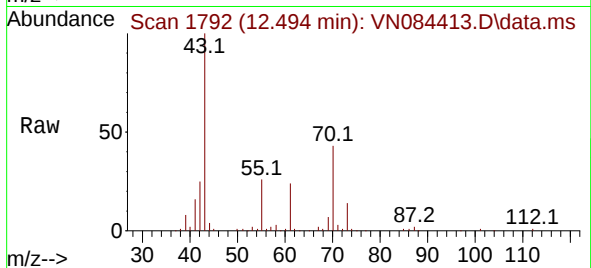
ClientSampleId :

Tgt Ion: 43 Resp: 87755

Ion Ratio Lower Upper

43 100

55 26.9 20.6 31.0



#48

t-1,3-Dichloropropene

Concen: 19.207 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN084413.D

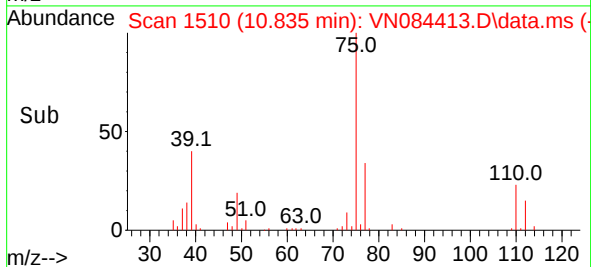
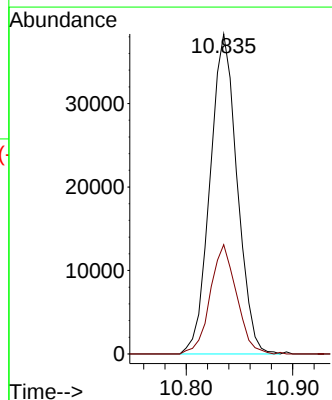
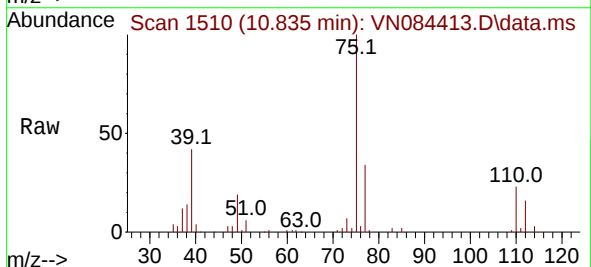
Acq: 15 Oct 2024 13:51

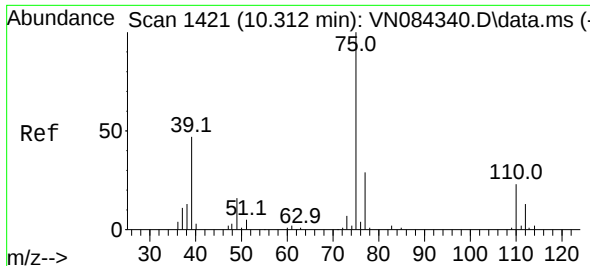
Tgt Ion: 75 Resp: 67804

Ion Ratio Lower Upper

75 100

77 34.2 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 20.201 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

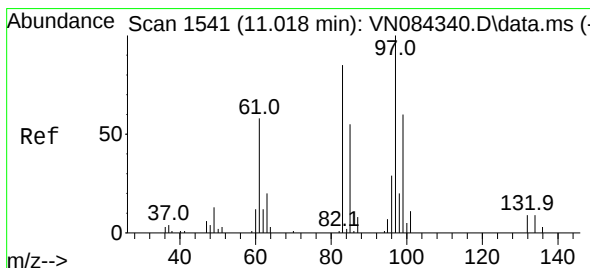
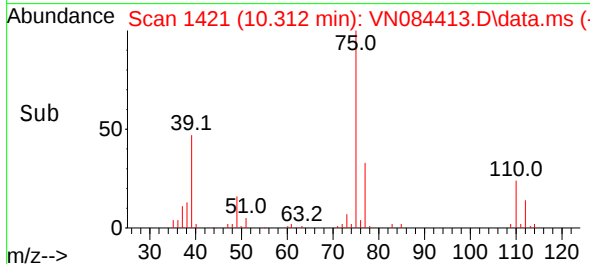
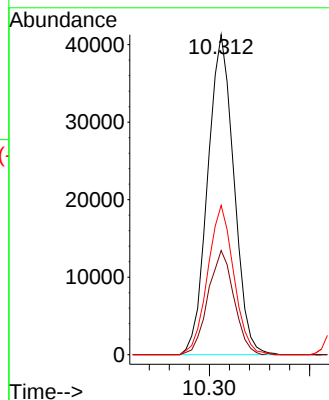
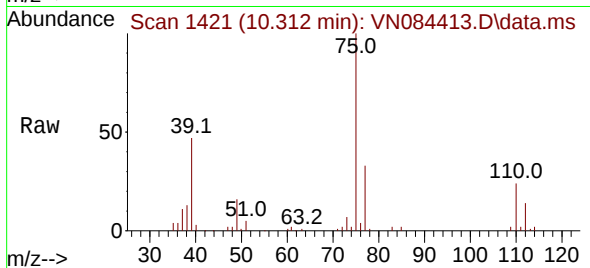
Tgt Ion: 75 Resp: 74738

Ion Ratio Lower Upper

75 100

77 32.6 22.9 34.3

39 46.6 37.4 56.2



#50

1,1,2-Trichloroethane

Concen: 21.057 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.006 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

Tgt Ion: 97 Resp: 45546

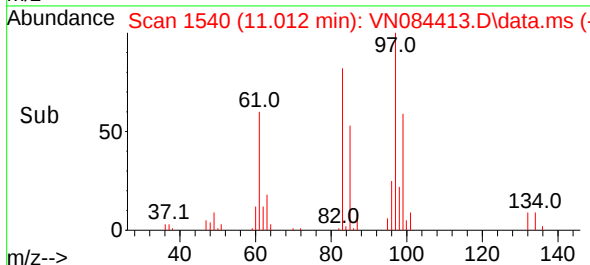
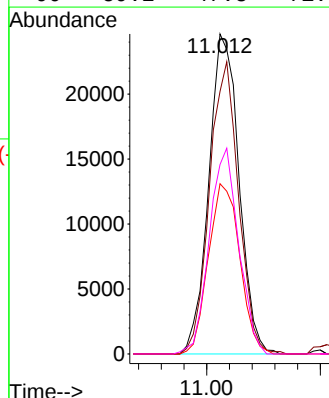
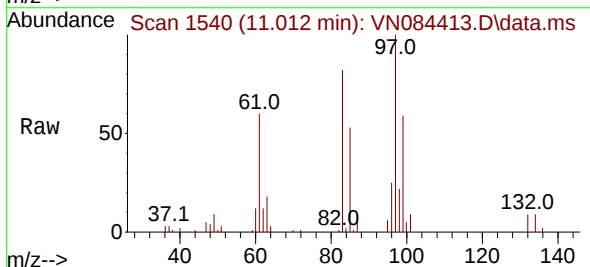
Ion Ratio Lower Upper

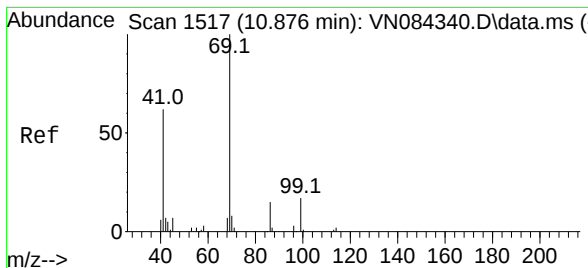
97 100

83 82.1 67.8 101.8

85 53.2 44.2 66.2

99 59.2 47.8 71.8





#51

Ethyl methacrylate

Concen: 19.434 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

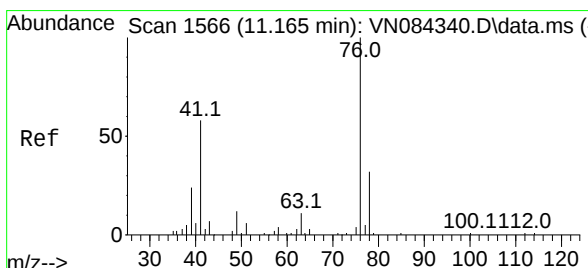
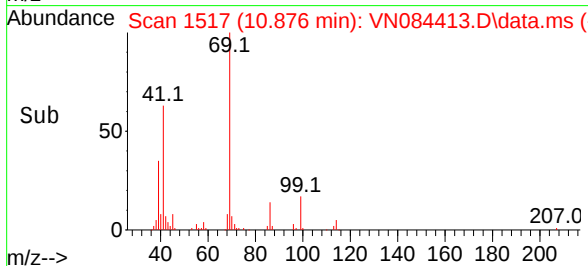
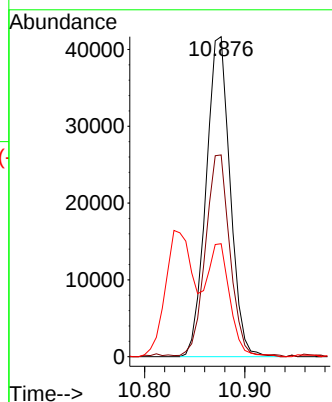
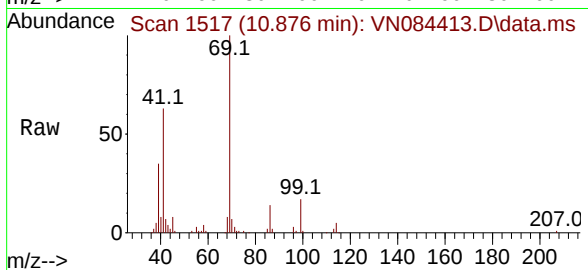
Tgt Ion: 69 Resp: 69433

Ion Ratio Lower Upper

69 100

41 62.6 30.9 92.7

39 35.3 16.6 49.7



#52

1,3-Dichloropropane

Concen: 20.283 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.006 min

Lab File: VN084413.D

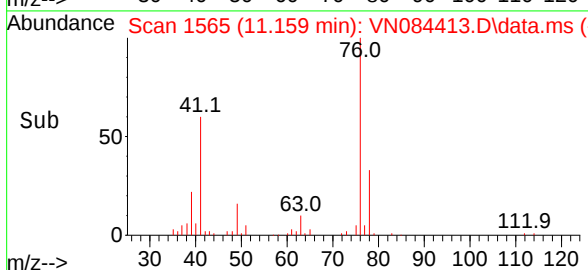
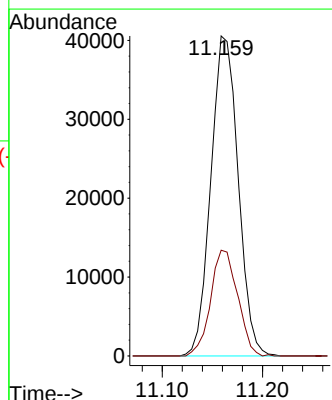
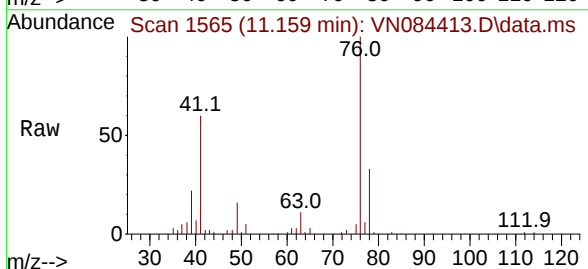
Acq: 15 Oct 2024 13:51

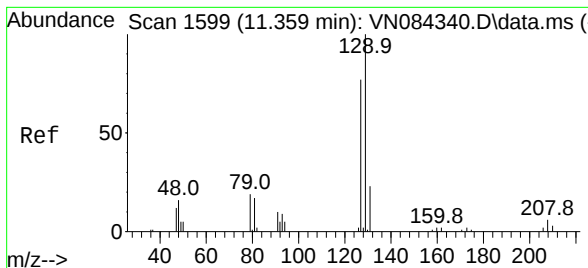
Tgt Ion: 76 Resp: 76713

Ion Ratio Lower Upper

76 100

78 32.6 0.0 64.2





#53

Dibromochloromethane

Concen: 20.711 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

Instrument :

MSVOA_N

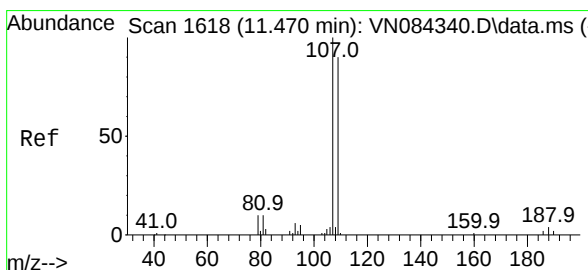
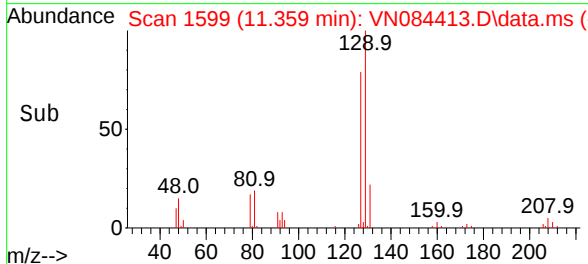
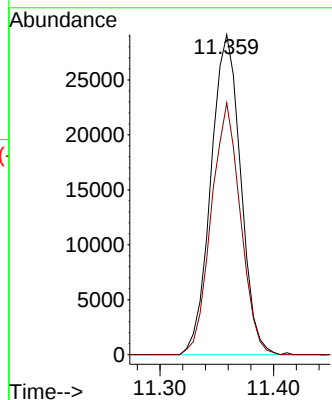
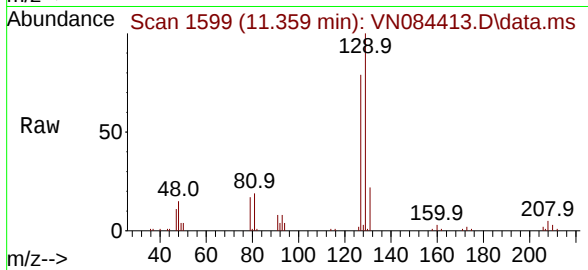
ClientSampleId :

Tgt Ion:129 Resp: 52920

Ion Ratio Lower Upper

129 100

127 77.3 38.5 115.5



#54

1,2-Dibromoethane

Concen: 20.009 ug/l

RT: 11.470 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VN084413.D

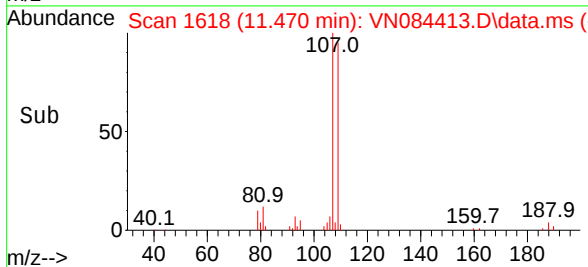
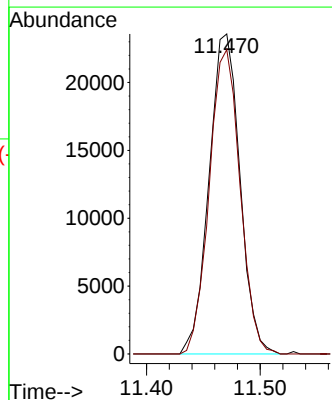
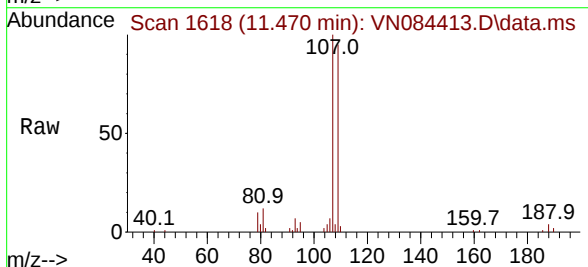
Acq: 15 Oct 2024 13:51

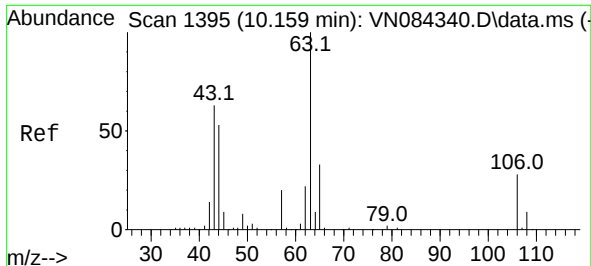
Tgt Ion:107 Resp: 44550

Ion Ratio Lower Upper

107 100

109 94.6 73.8 110.6

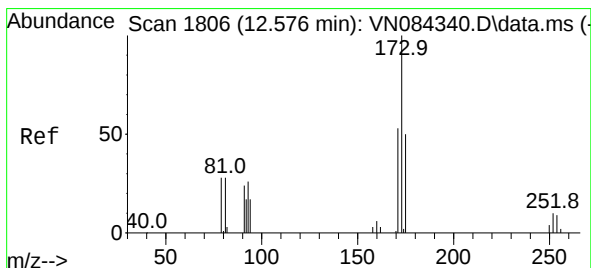
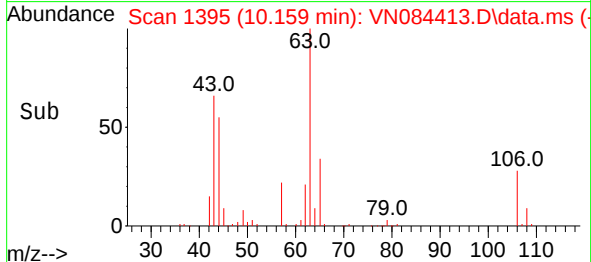
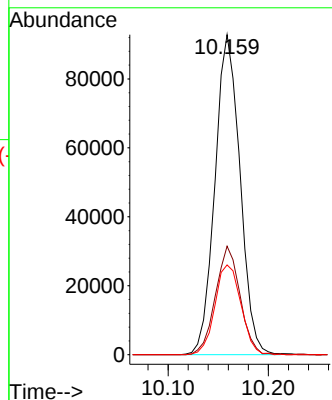
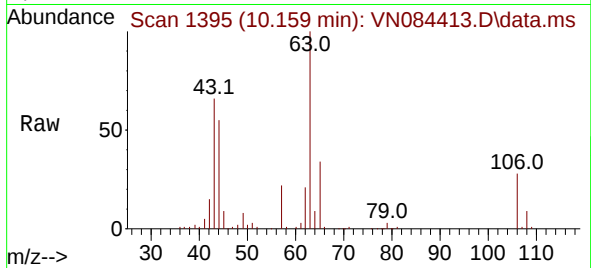




#55
2-Chloroethyl vinyl ether
Concen: 99.237 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

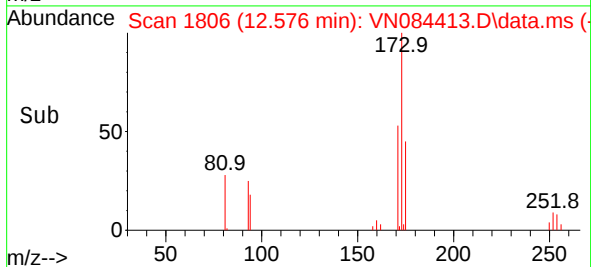
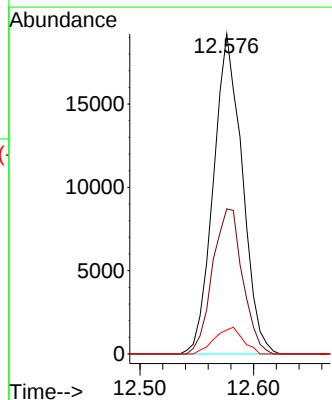
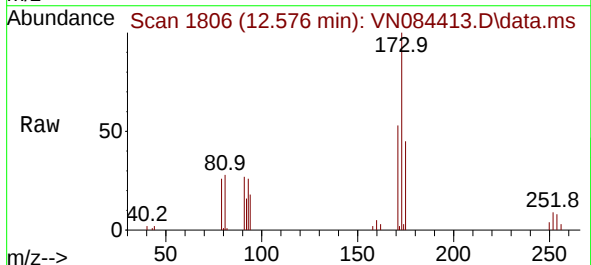
Instrument :
MSVOA_N
ClientSampleId :

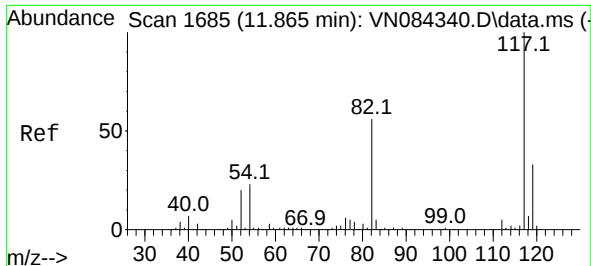
Tgt Ion: 63 Resp: 160807
Ion Ratio Lower Upper
63 100
65 33.1 25.6 38.4
106 29.1 21.6 32.4



#56
Bromoform
Concen: 19.968 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Tgt Ion:173 Resp: 33839
Ion Ratio Lower Upper
173 100
175 47.4 39.4 59.2
254 8.2 6.8 10.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

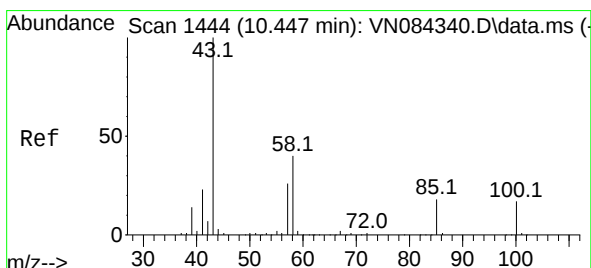
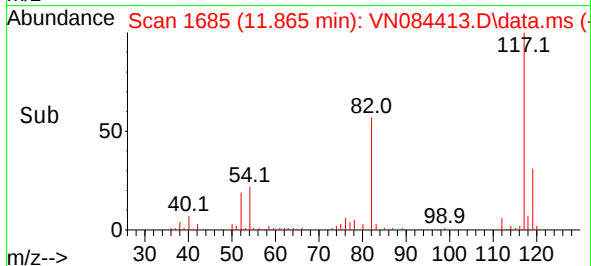
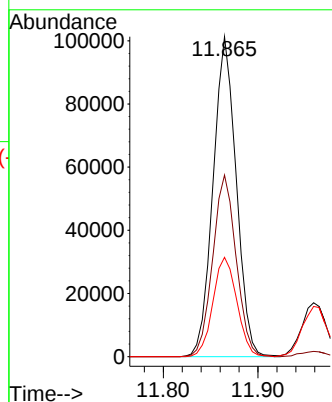
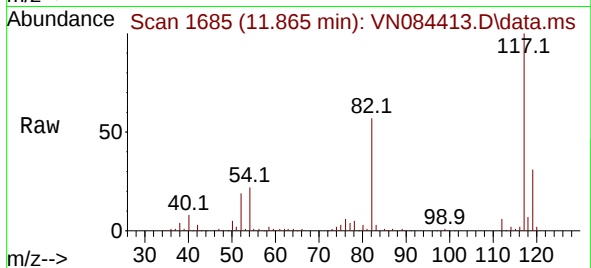
Tgt Ion:117 Resp: 172280

Ion Ratio Lower Upper

117 100

82 57.5 46.2 69.4

119 32.1 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 100.119 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.006 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

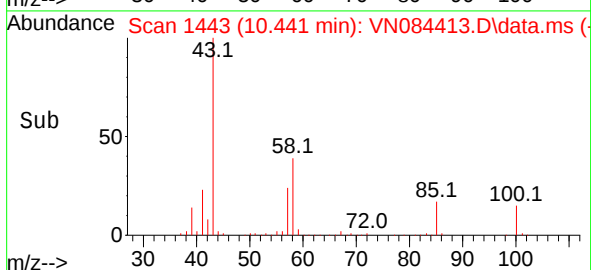
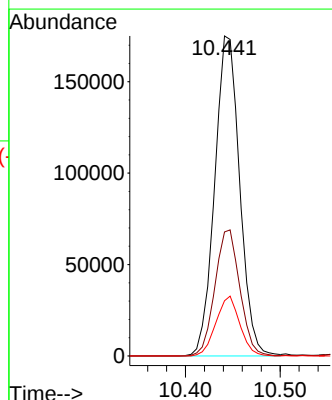
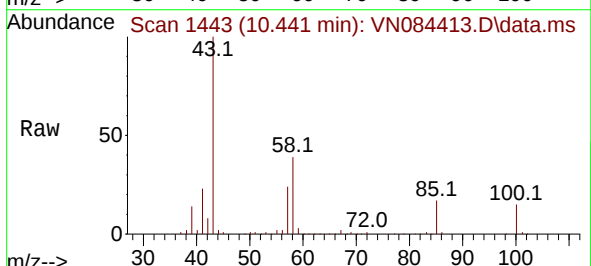
Tgt Ion: 43 Resp: 321313

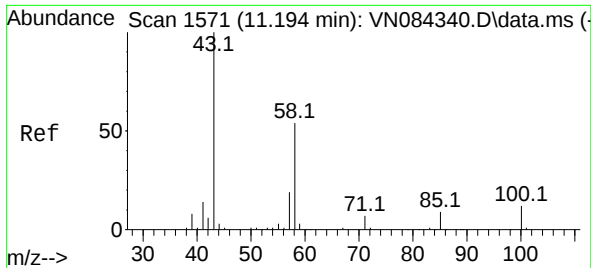
Ion Ratio Lower Upper

43 100

58 39.3 31.9 47.9

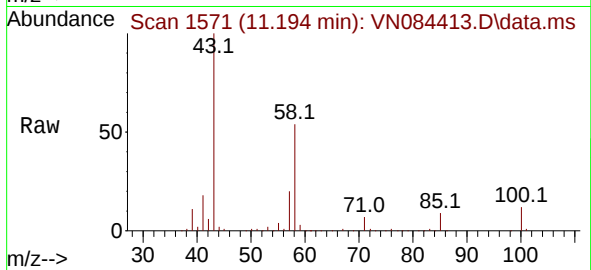
85 17.8 14.6 22.0



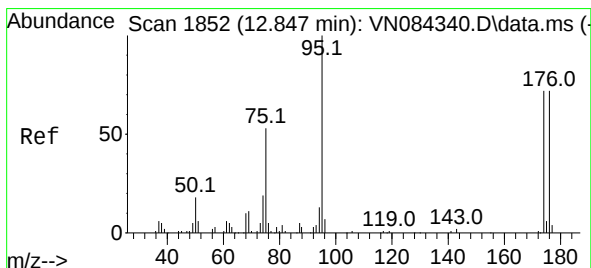
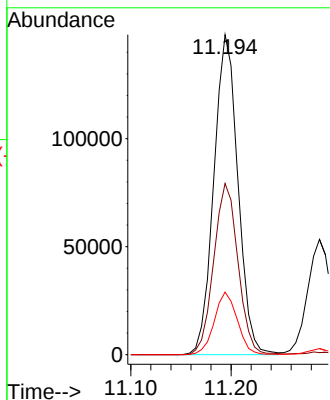
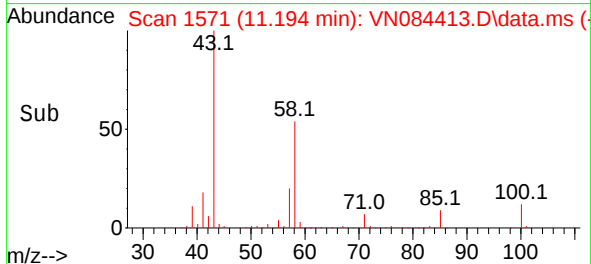


#59
2-Hexanone
Concen: 103.722 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Instrument :
MSVOA_N
ClientSampleId :

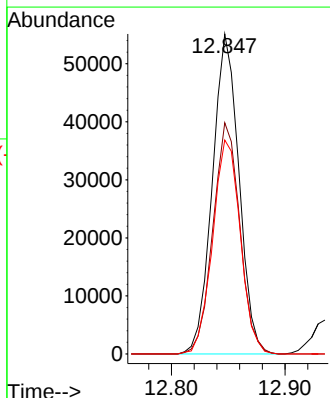
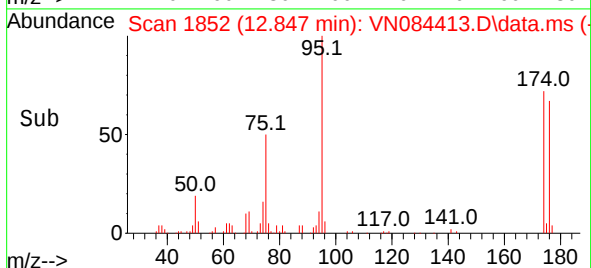
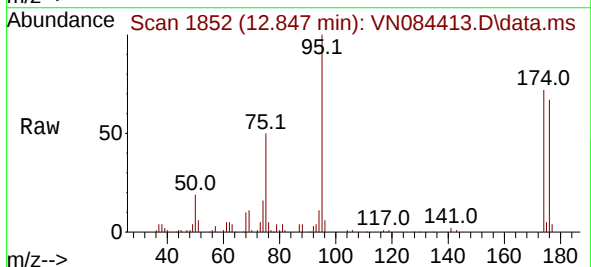


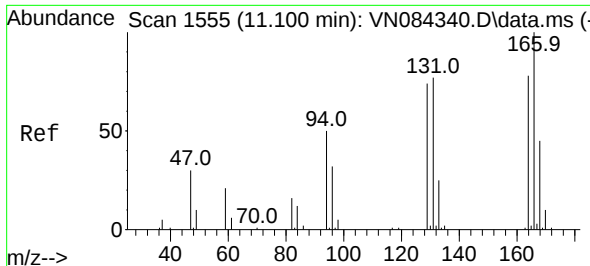
Tgt Ion: 43 Resp: 247352
Ion Ratio Lower Upper
43 100
58 53.6 44.0 66.0
57 18.7 15.4 23.2



#60
4-Bromofluorobenzene
Concen: 31.498 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

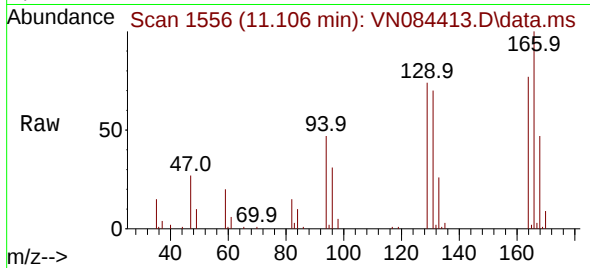
Tgt Ion: 95 Resp: 89558
Ion Ratio Lower Upper
95 100
174 73.1 58.2 87.2
176 69.5 56.4 84.6



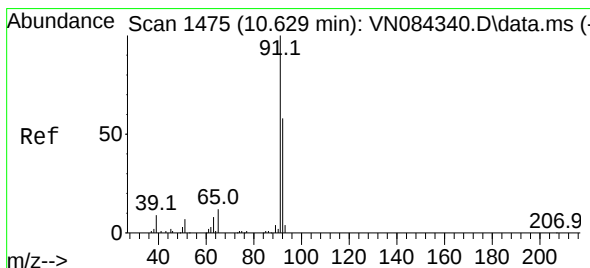
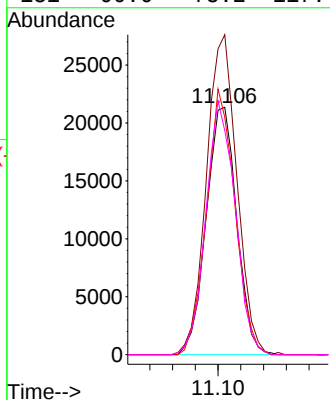
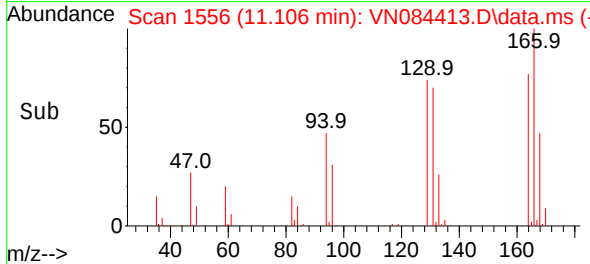


#61
Tetrachloroethene
Concen: 20.416 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

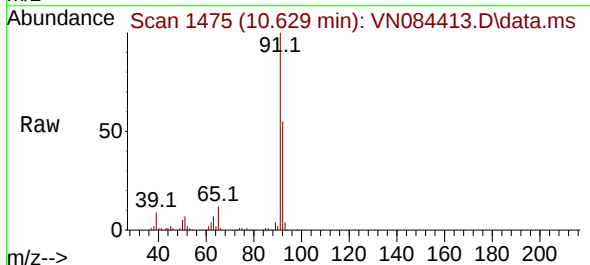
Instrument :
MSVOA_N
ClientSampleId :



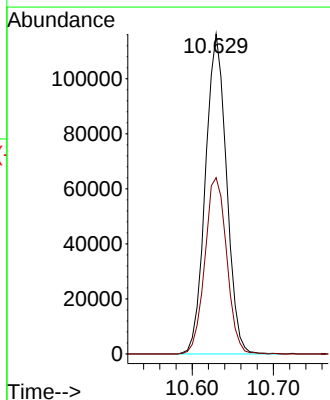
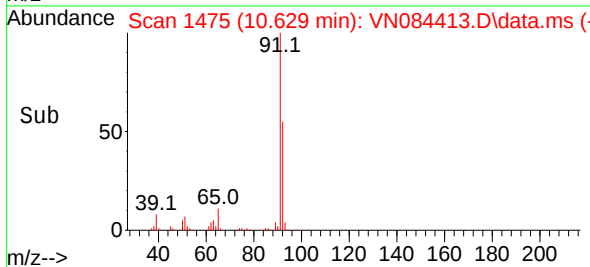
Tgt Ion:164 Resp: 39786
Ion Ratio Lower Upper
164 100
166 128.5 102.5 153.7
129 96.0 75.7 113.5
131 90.6 78.2 117.4

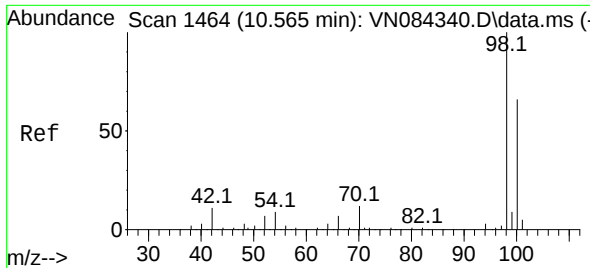


#62
Toluene
Concen: 20.772 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51



Tgt Ion: 91 Resp: 209494
Ion Ratio Lower Upper
91 100
92 56.9 47.2 70.8

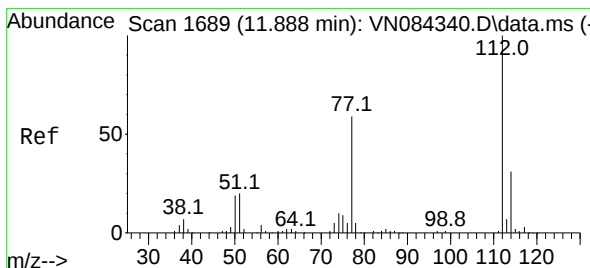
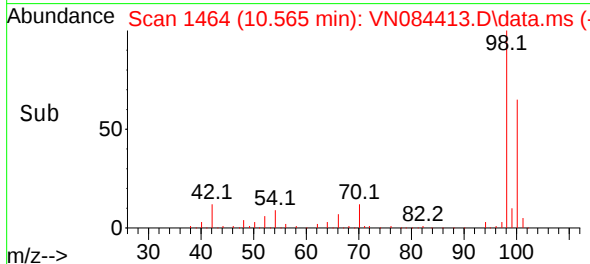
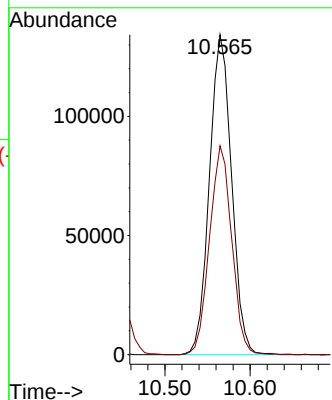
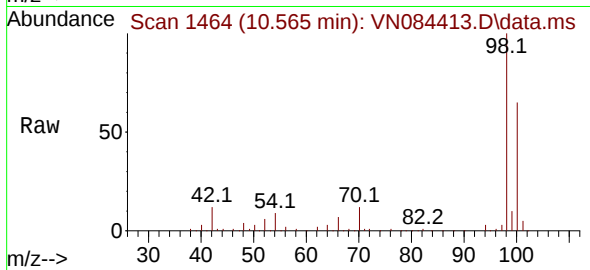




#63
Toluene-d8
Concen: 30.443 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

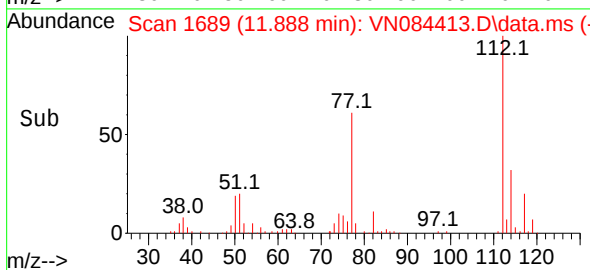
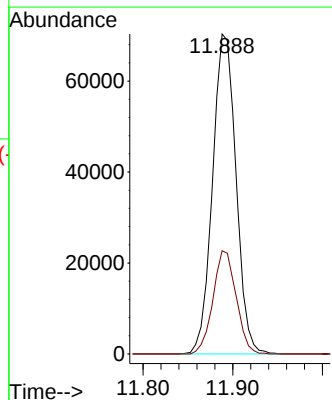
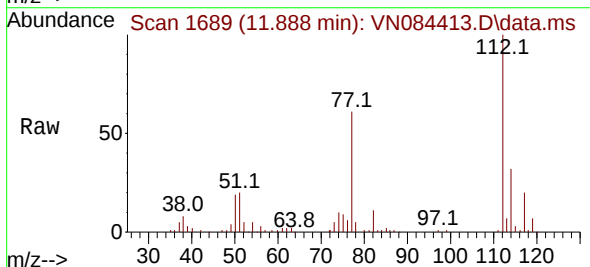
Instrument :
MSVOA_N
ClientSampleId :

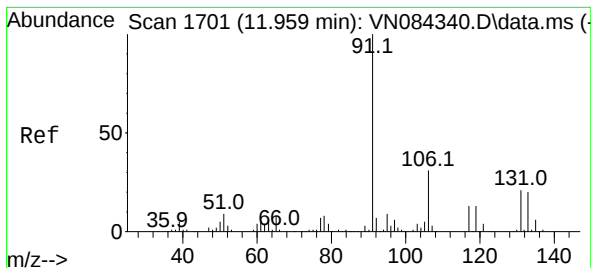
Tgt Ion: 98 Resp: 242967
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#64
Chlorobenzene
Concen: 20.370 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Tgt Ion:112 Resp: 127848
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7

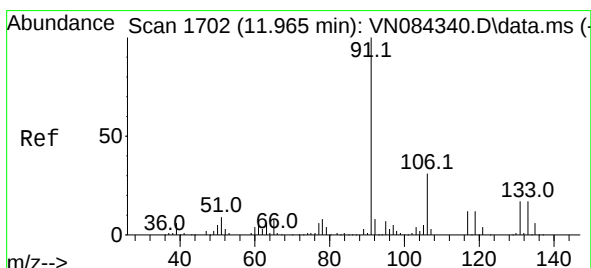
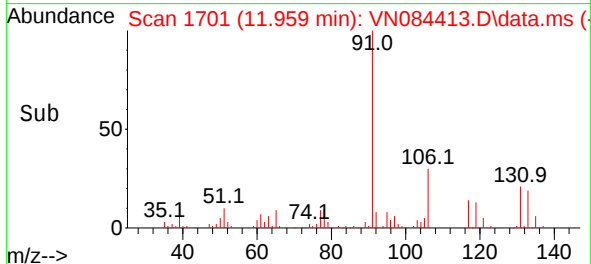
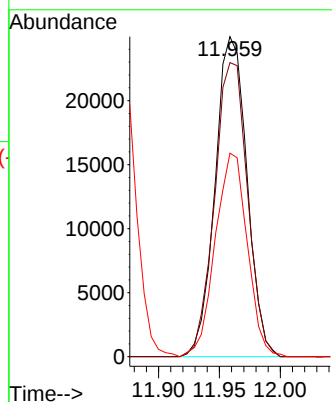
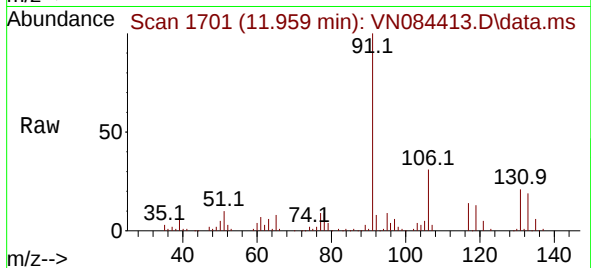




#65
1,1,1,2-Tetrachloroethane
Concen: 20.867 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

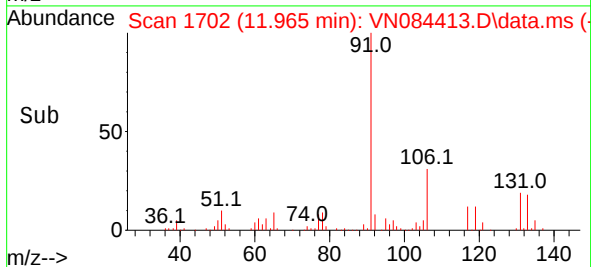
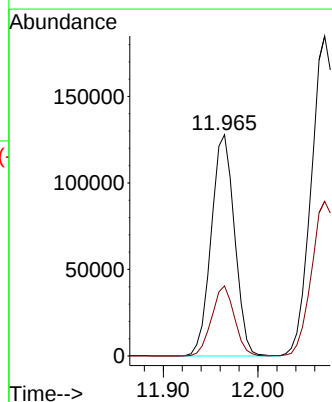
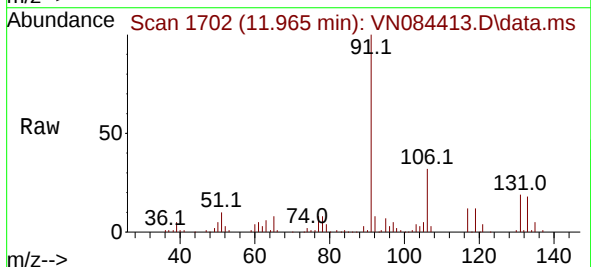
Instrument :
MSVOA_N
ClientSampleId :

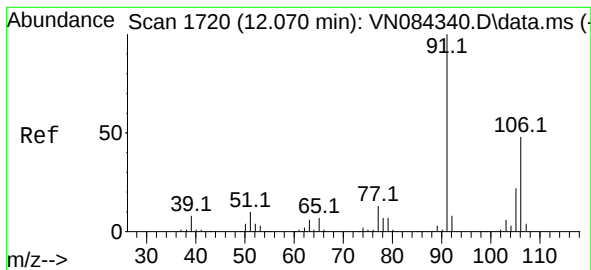
Tgt Ion:131 Resp: 45498
Ion Ratio Lower Upper
131 100
133 95.1 0.0 190.4
119 63.9 0.0 130.0



#66
Ethyl Benzene
Concen: 19.954 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Tgt Ion: 91 Resp: 218646
Ion Ratio Lower Upper
91 100
106 31.7 25.2 37.8

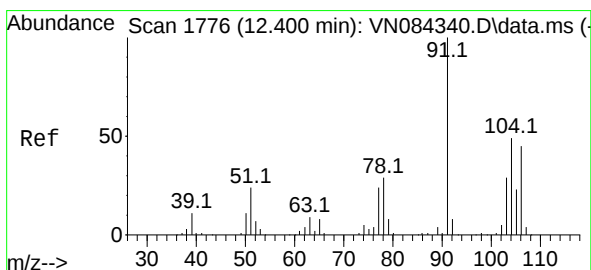
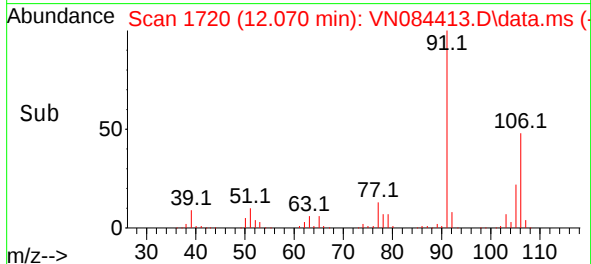
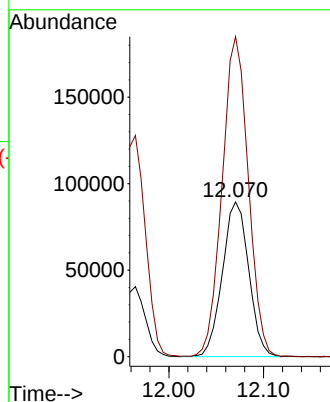
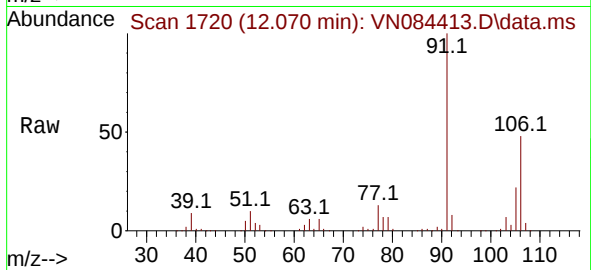




#67
m/p-Xylenes
Concen: 41.599 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

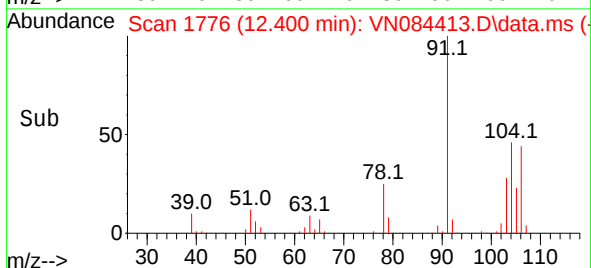
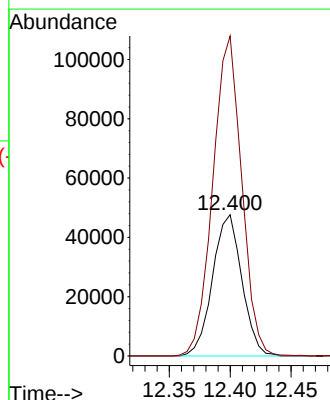
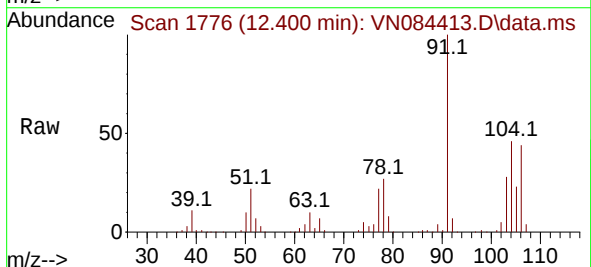
Instrument :
MSVOA_N
ClientSampleId :

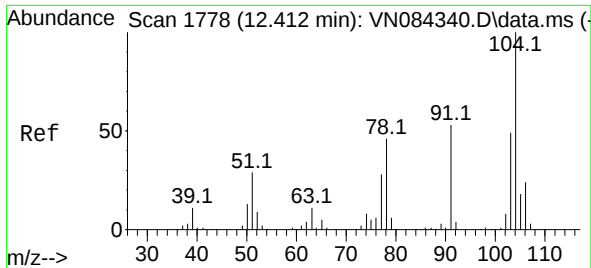
Tgt Ion:106 Resp: 172916
Ion Ratio Lower Upper
106 100
91 205.3 166.7 250.1



#68
o-Xylene
Concen: 19.886 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Tgt Ion:106 Resp: 79679
Ion Ratio Lower Upper
106 100
91 222.9 110.9 332.9





#69

Styrene

Concen: 20.056 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

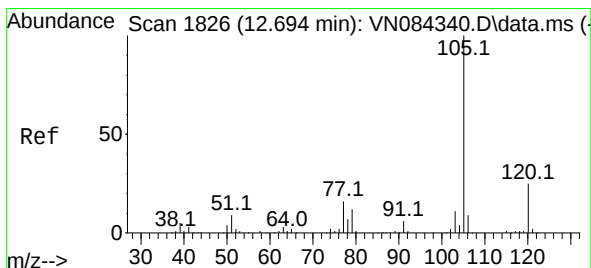
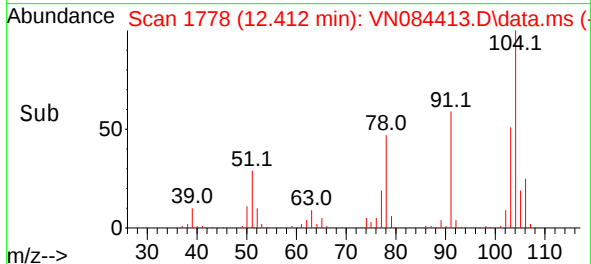
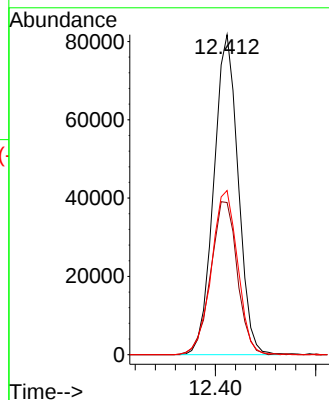
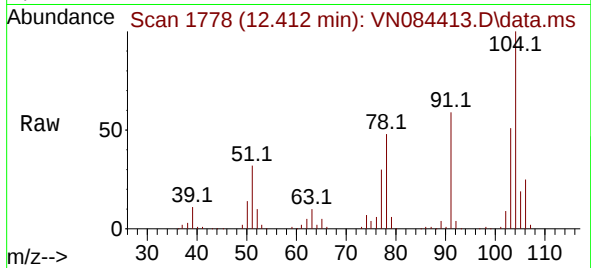
Tgt Ion:104 Resp: 137947

Ion Ratio Lower Upper

104 100

78 52.2 41.6 62.4

103 55.3 44.4 66.6



#70

Isopropylbenzene

Concen: 20.139 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084413.D

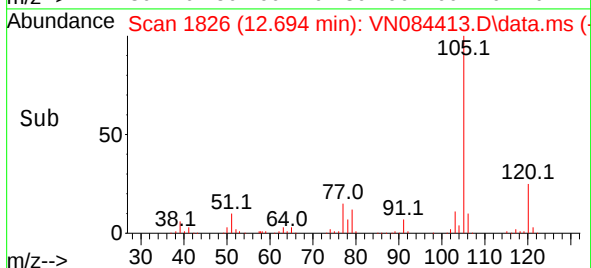
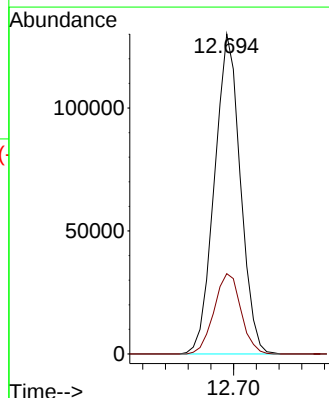
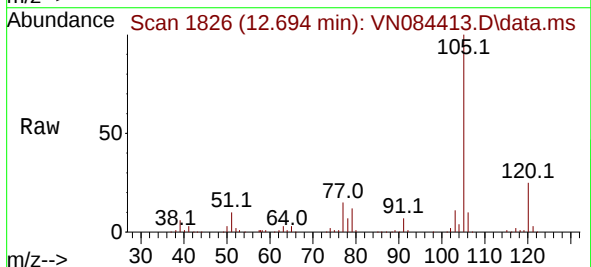
Acq: 15 Oct 2024 13:51

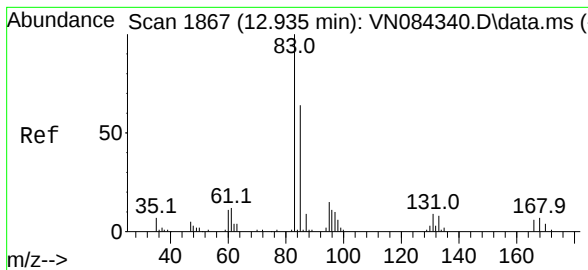
Tgt Ion:105 Resp: 205992

Ion Ratio Lower Upper

105 100

120 26.0 17.4 32.4

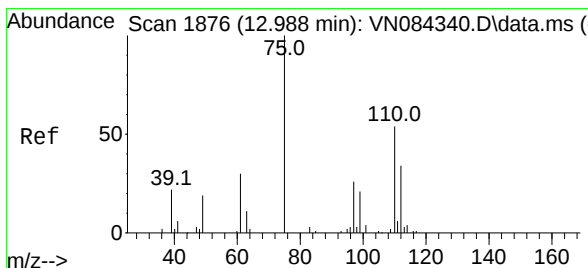
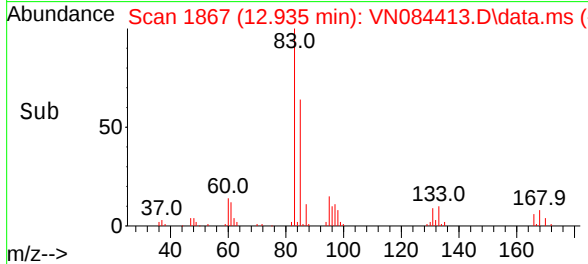
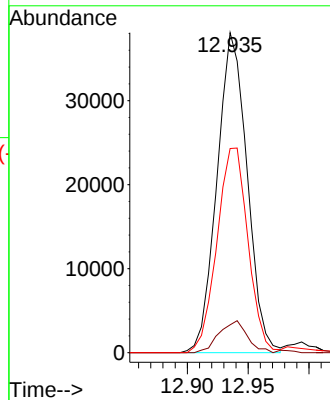
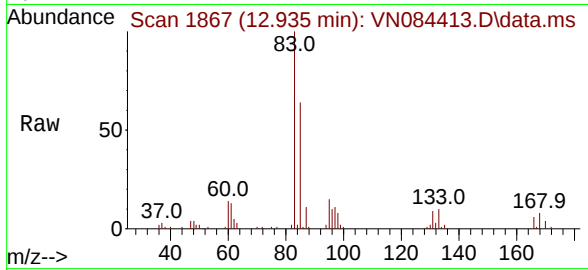




#71
1,1,2,2-Tetrachloroethane
Concen: 20.728 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

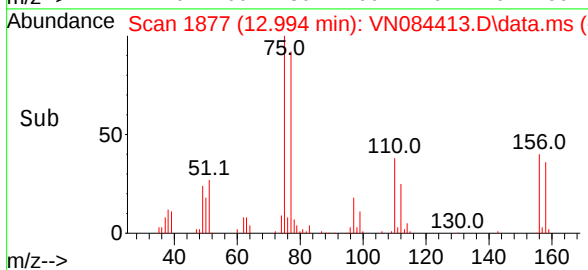
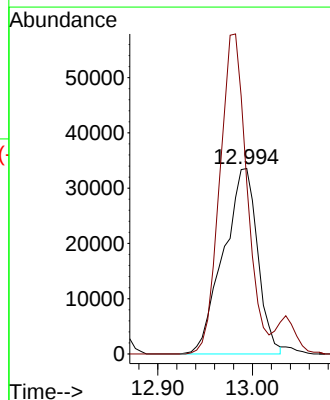
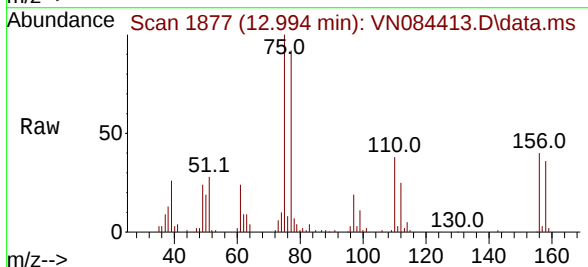
Instrument :
MSVOA_N
ClientSampleId :

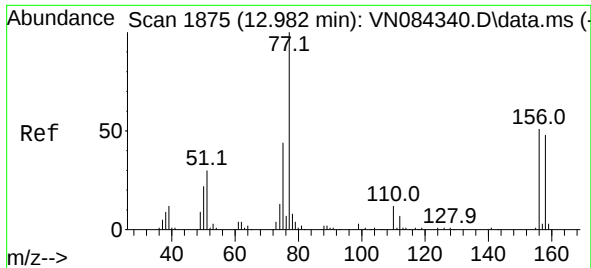
Tgt Ion: 83 Resp: 65587
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 65.9 32.0 96.2



#72
1,2,3-Trichloropropane
Concen: 30.978 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

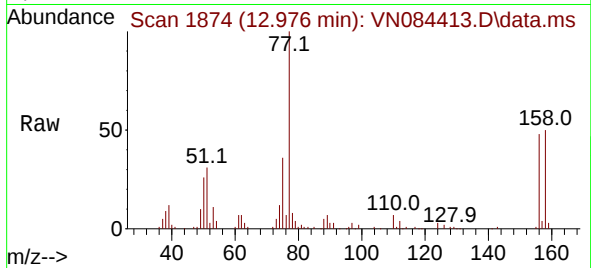
Tgt Ion: 75 Resp: 83947
Ion Ratio Lower Upper
75 100
77 137.7 0.0 414.0



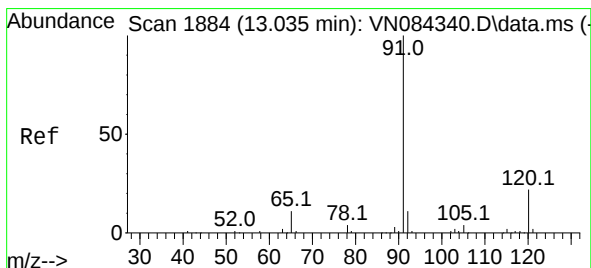
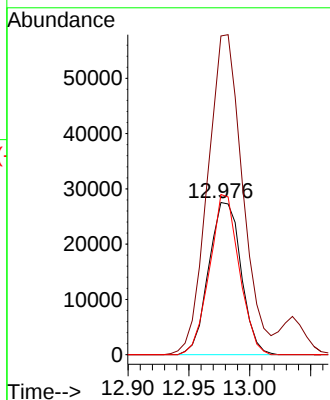
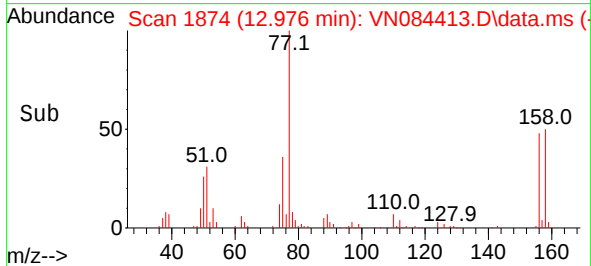


#73
Bromobenzene
Concen: 20.535 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Instrument :
MSVOA_N
ClientSampleId :

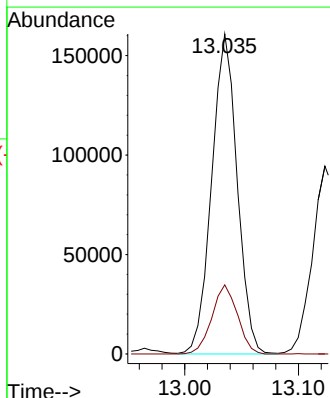
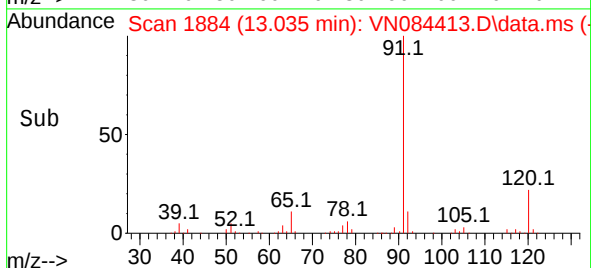
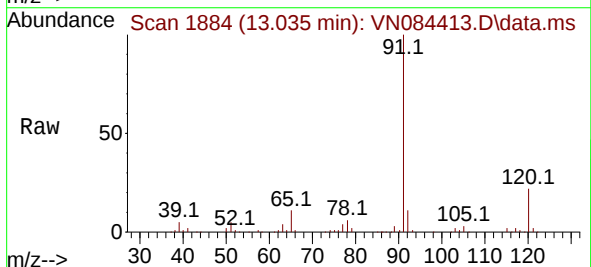


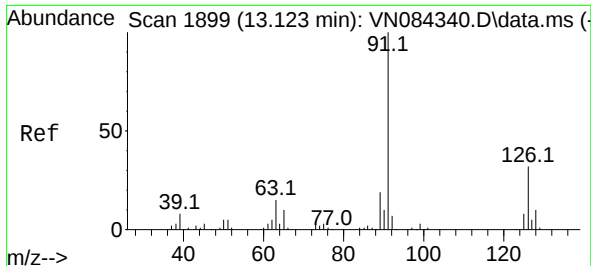
Tgt Ion:156 Resp: 50868
Ion Ratio Lower Upper
156 100
77 227.2 0.0 451.0
158 96.6 0.0 194.6



#74
n-propylbenzene
Concen: 20.589 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

Tgt Ion: 91 Resp: 250955
Ion Ratio Lower Upper
91 100
120 21.5 0.0 43.2





#75

2-Chlorotoluene

Concen: 20.932 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

Instrument :

MSVOA_N

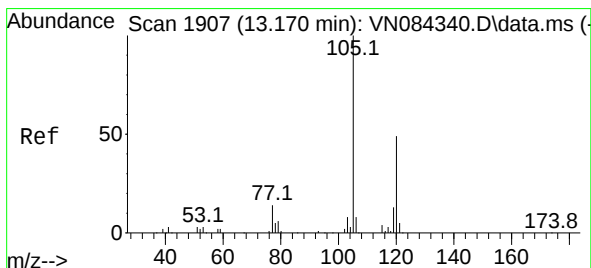
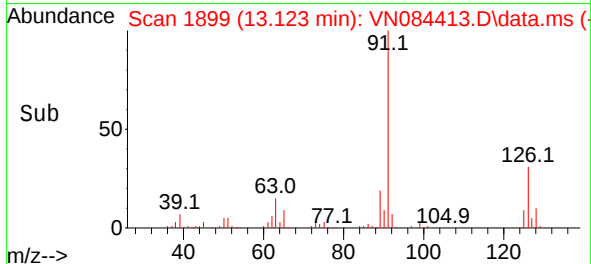
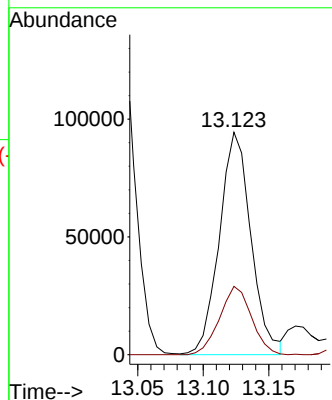
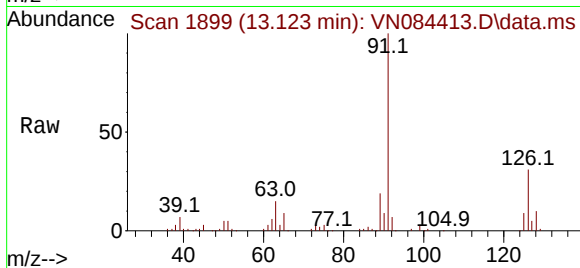
ClientSampleId :

Tgt Ion: 91 Resp: 158540

Ion Ratio Lower Upper

91 100

126 30.8 0.0 64.0



#76

1,3,5-Trimethylbenzene

Concen: 20.595 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN084413.D

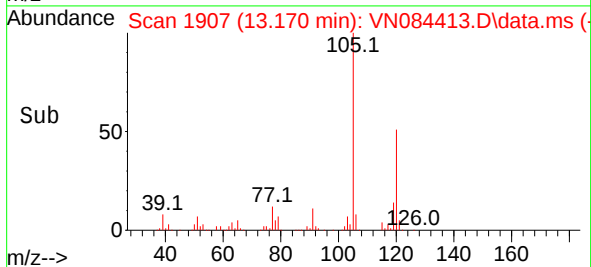
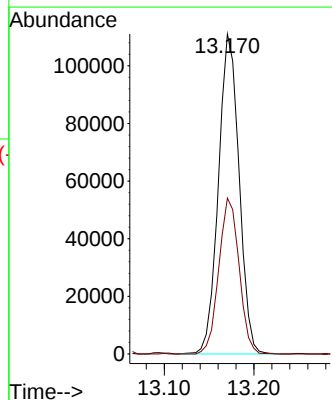
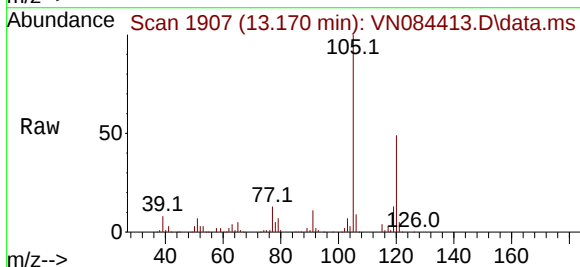
Acq: 15 Oct 2024 13:51

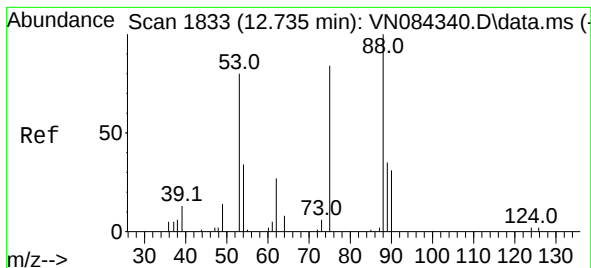
Tgt Ion:105 Resp: 177372

Ion Ratio Lower Upper

105 100

120 47.8 0.0 94.4

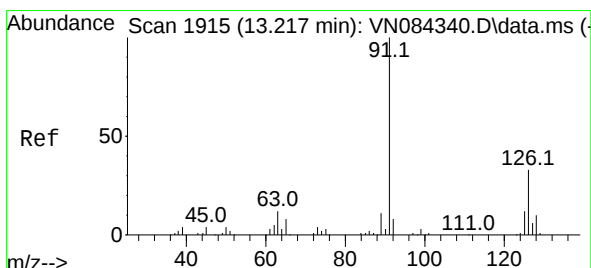
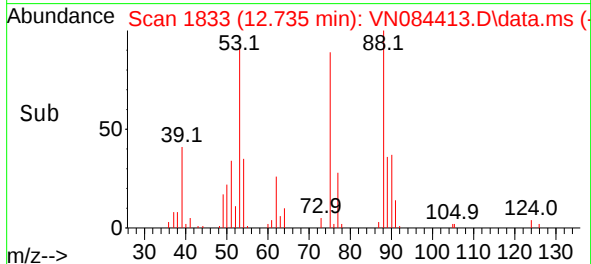
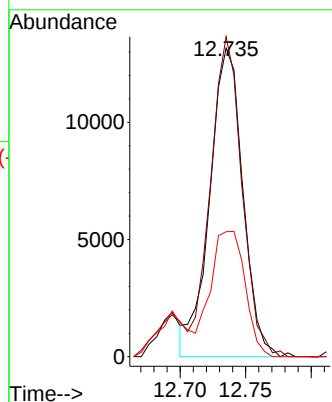
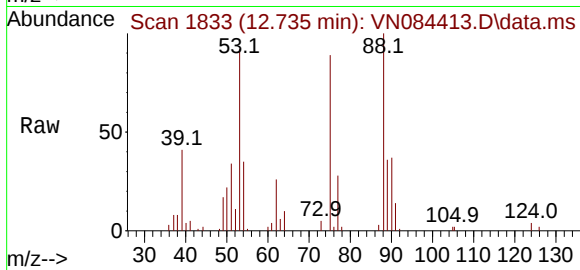




#77
t-1,4-Dichloro-2-butene
Concen: 19.950 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

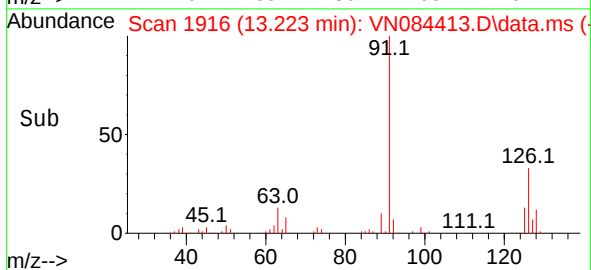
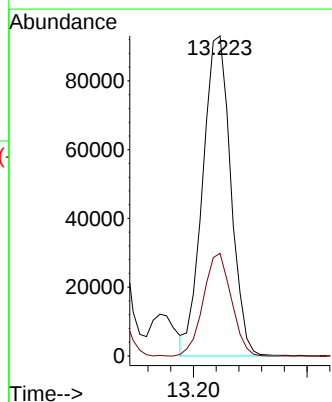
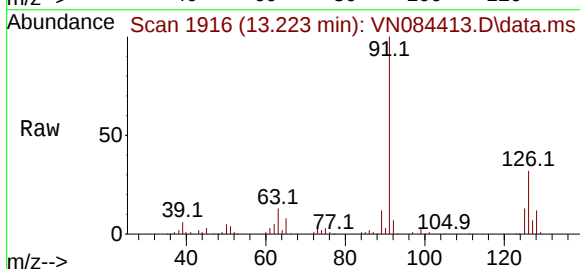
Instrument :
MSVOA_N
ClientSampleId :

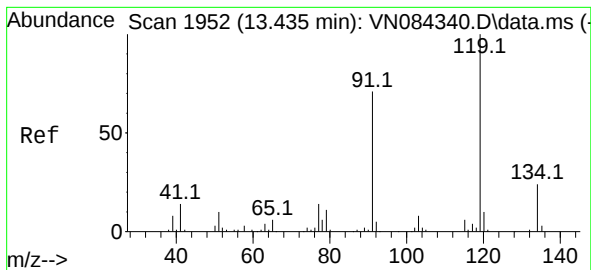
Tgt Ion: 75 Resp: 23102
Ion Ratio Lower Upper
75 100
53 101.9 47.3 142.0
89 40.5 22.9 68.8



#78
4-Chlorotoluene
Concen: 20.763 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

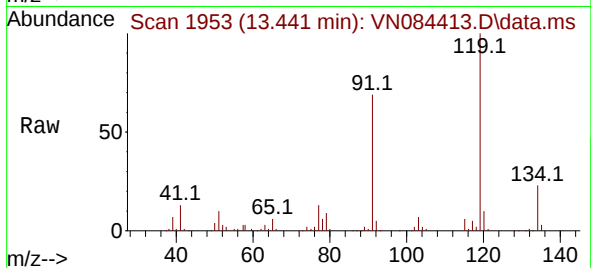
Tgt Ion: 91 Resp: 159889
Ion Ratio Lower Upper
91 100
126 31.9 0.0 62.4



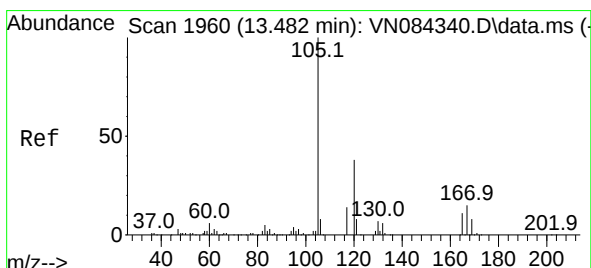
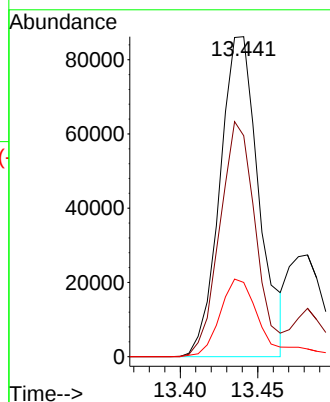
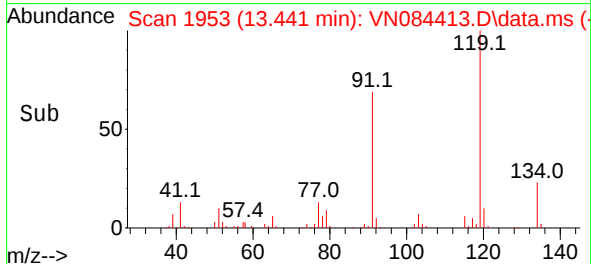


#79
tert-butylbenzene
Concen: 20.531 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51

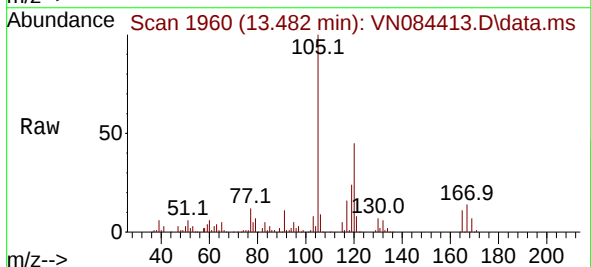
Instrument :
MSVOA_N
ClientSampleId :



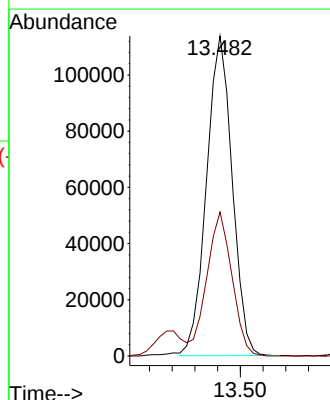
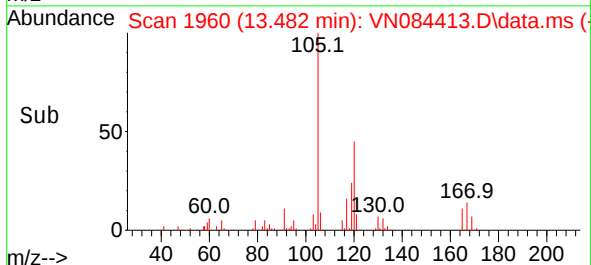
Tgt Ion:119 Resp: 150852
Ion Ratio Lower Upper
119 100
91 67.6 0.0 138.0
134 23.6 0.0 48.8

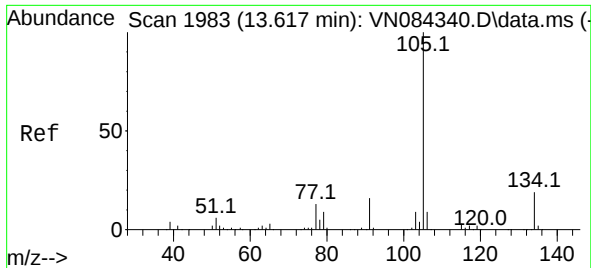


#80
1,2,4-Trimethylbenzene
Concen: 20.443 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084413.D
Acq: 15 Oct 2024 13:51



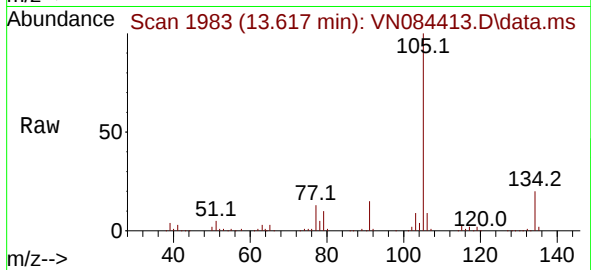
Tgt Ion:105 Resp: 178643
Ion Ratio Lower Upper
105 100
120 44.2 0.0 88.8



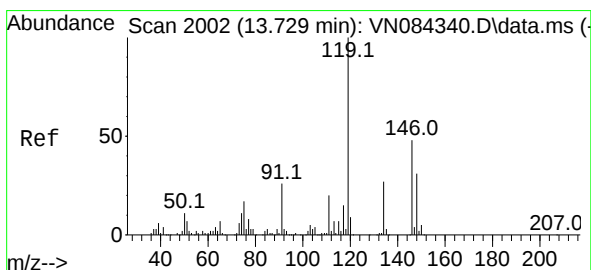
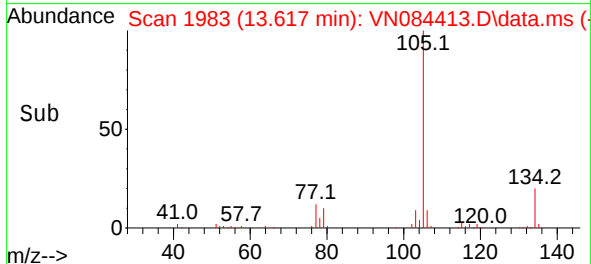
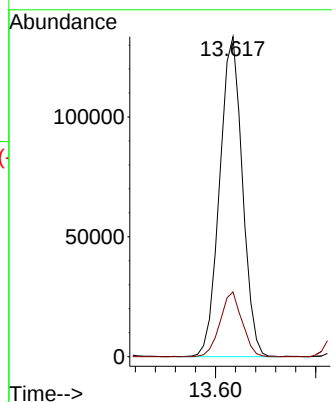


#81
 sec-Butylbenzene
 Concen: 20.725 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN084413.D
 Acq: 15 Oct 2024 13:51

Instrument :
 MSVOA_N
 ClientSampleId :

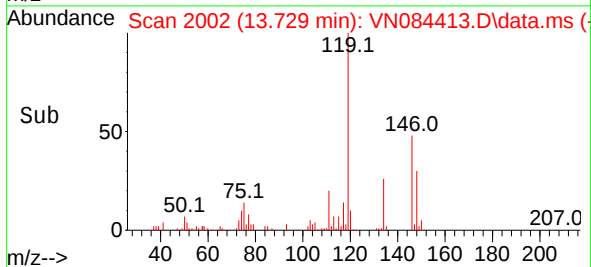
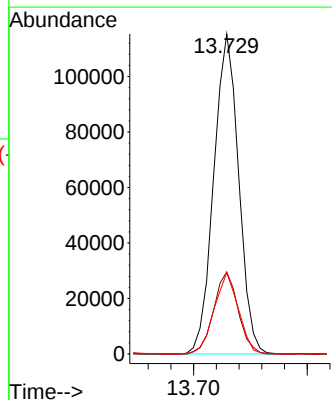
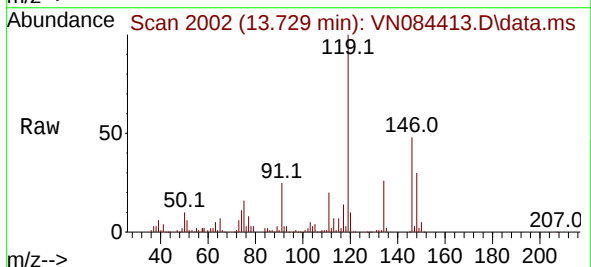


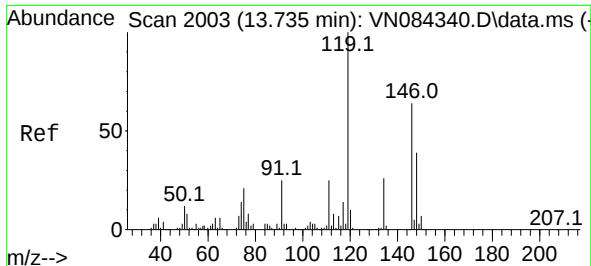
Tgt Ion:105 Resp: 209646
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 20.654 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084413.D
 Acq: 15 Oct 2024 13:51

Tgt Ion:119 Resp: 175858
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 50.2
 91 24.6 0.0 50.6





#83

1,3-Dichlorobenzene

Concen: 20.651 ug/l

RT: 13.729 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

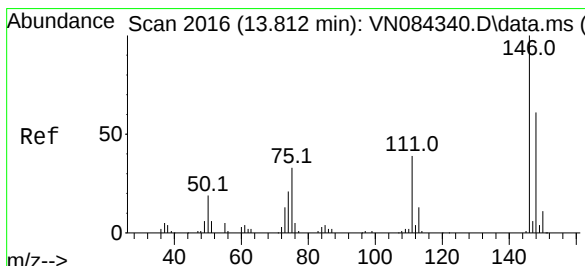
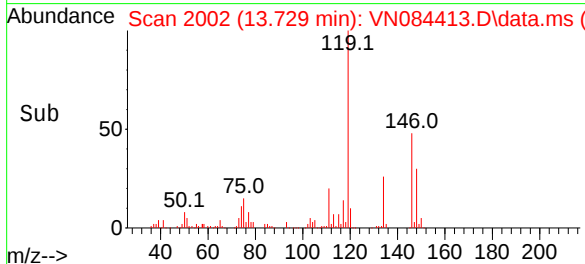
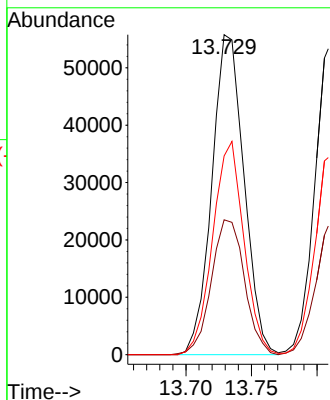
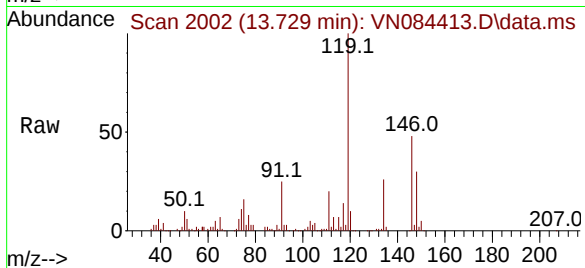
Tgt Ion:146 Resp: 95121

Ion Ratio Lower Upper

146 100

111 43.4 20.6 61.9

148 64.7 31.6 94.7



#84

1,4-Dichlorobenzene

Concen: 20.548 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

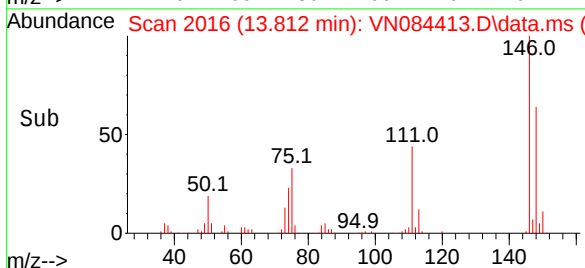
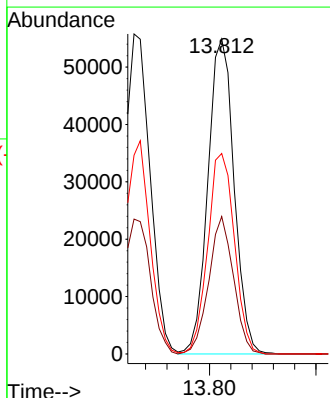
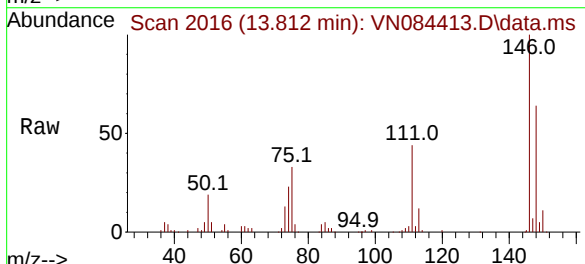
Tgt Ion:146 Resp: 93985

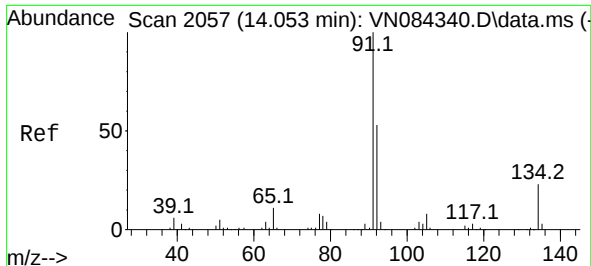
Ion Ratio Lower Upper

146 100

111 41.1 20.5 61.5

148 64.8 32.5 97.4





#85

n-Butylbenzene

Concen: 20.064 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

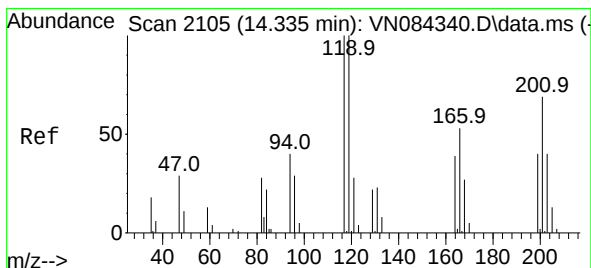
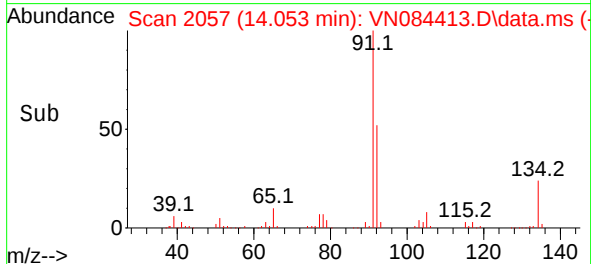
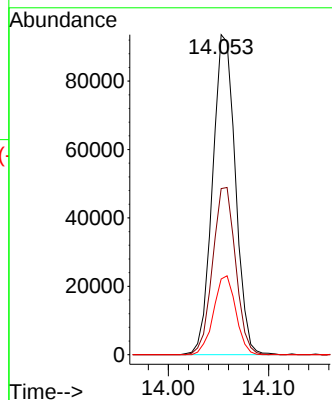
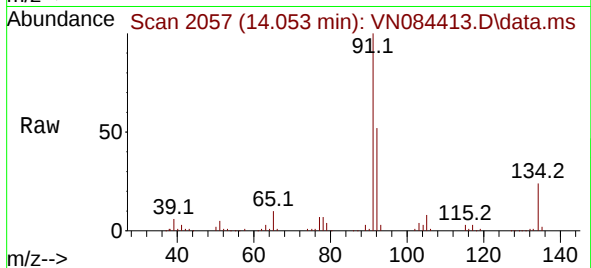
Tgt Ion: 91 Resp: 147959

Ion Ratio Lower Upper

91 100

92 52.6 0.0 103.4

134 23.9 0.0 48.0



#86

Hexachloroethane

Concen: 20.548 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN084413.D

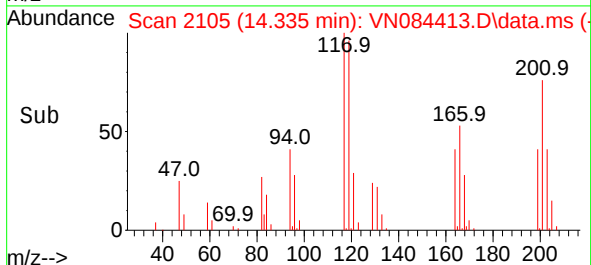
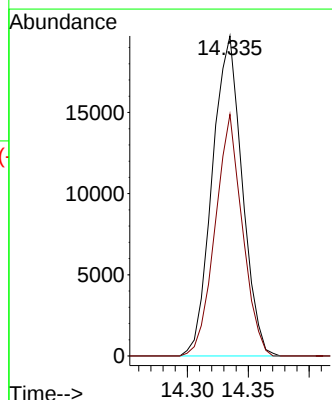
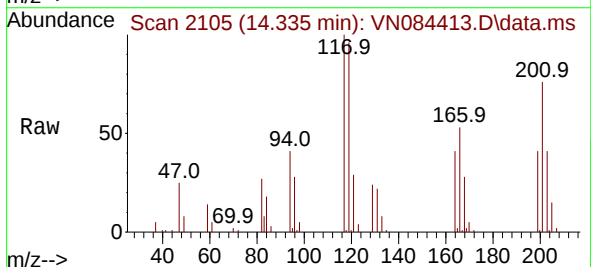
Acq: 15 Oct 2024 13:51

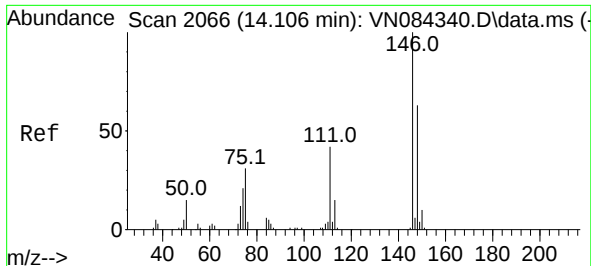
Tgt Ion: 117 Resp: 33706

Ion Ratio Lower Upper

117 100

201 68.7 33.9 101.6





#87

1,2-Dichlorobenzene

Concen: 20.485 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

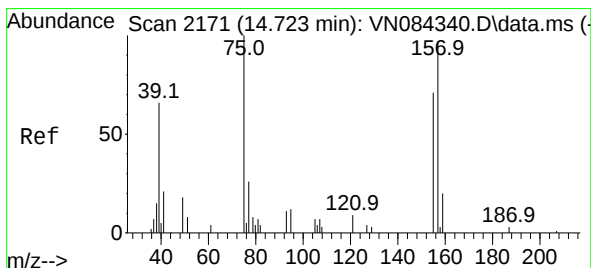
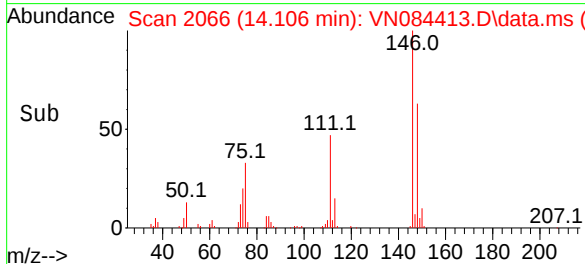
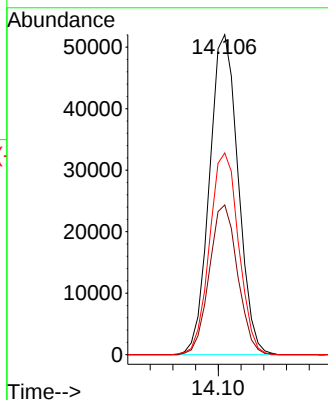
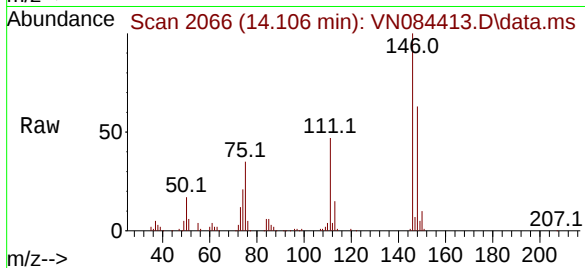
Tgt Ion:146 Resp: 91228

Ion Ratio Lower Upper

146 100

111 46.2 21.9 65.5

148 63.8 31.1 93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.441 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

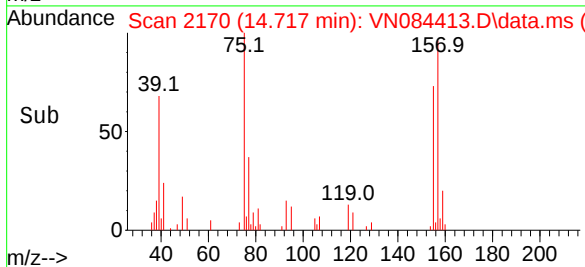
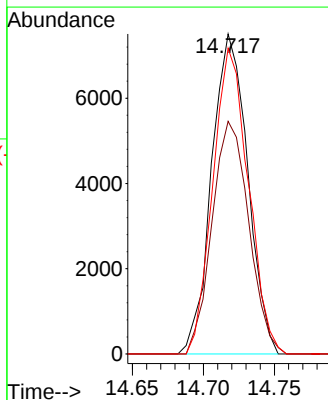
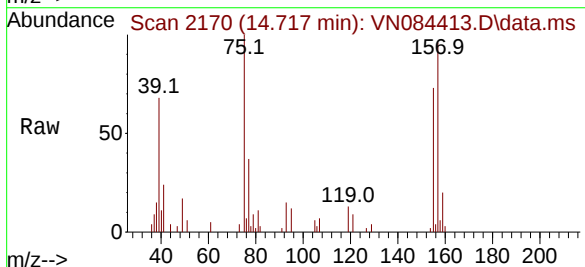
Tgt Ion: 75 Resp: 13227

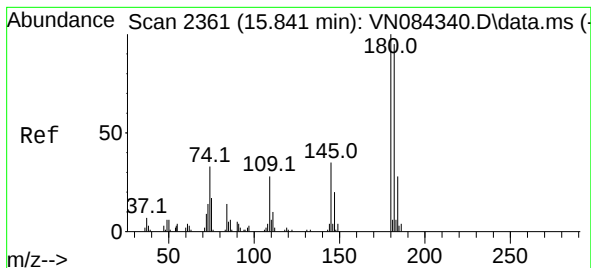
Ion Ratio Lower Upper

75 100

155 74.3 61.8 92.8

157 94.2 77.4 116.0





#89

1,2,4-Trichlorobenzene

Concen: 19.282 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

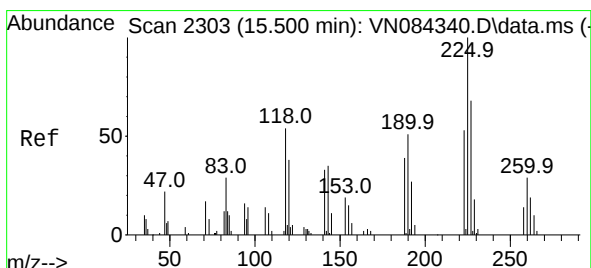
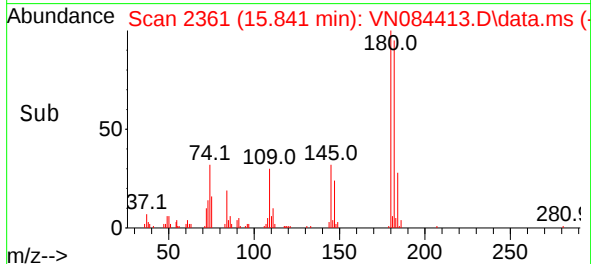
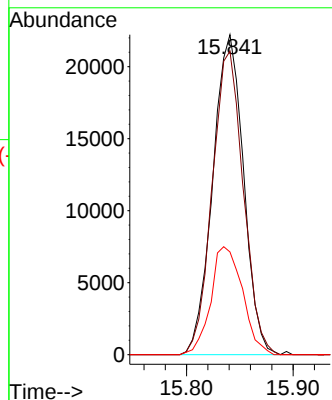
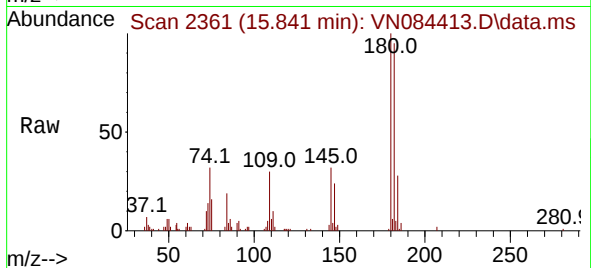
Tgt Ion:180 Resp: 44646

Ion Ratio Lower Upper

180 100

182 95.5 77.8 116.6

145 34.8 28.9 43.3



#90

Hexachlorobutadiene

Concen: 21.271 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

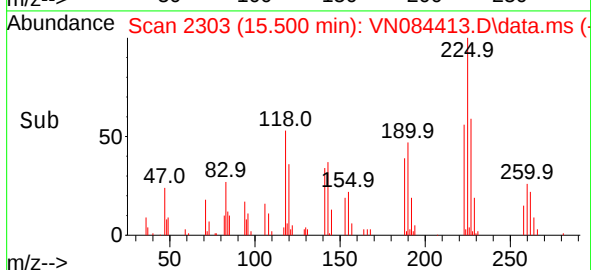
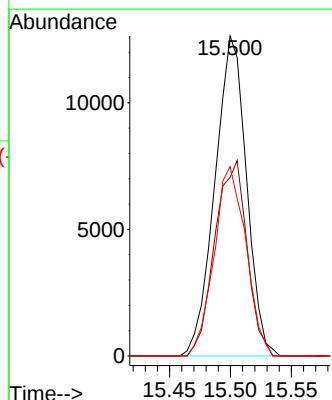
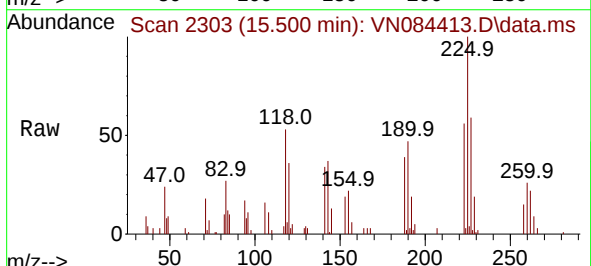
Tgt Ion:225 Resp: 22785

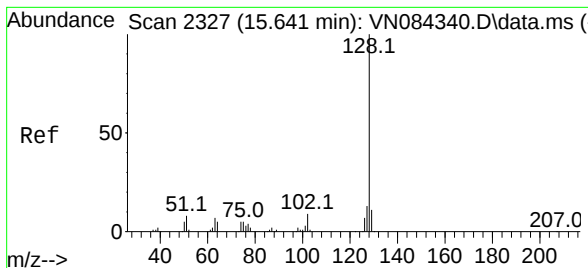
Ion Ratio Lower Upper

225 100

223 62.2 0.0 124.0

227 59.8 0.0 130.8





#91

Naphthalene

Concen: 17.224 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

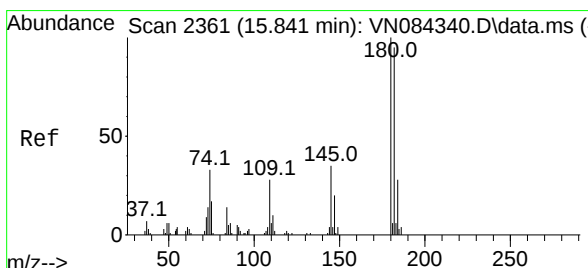
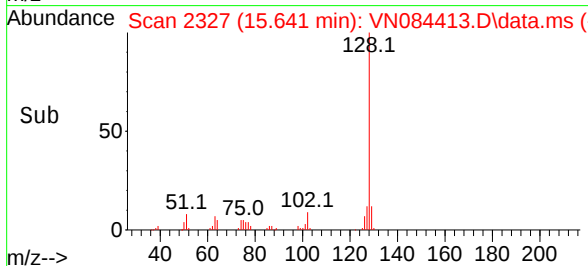
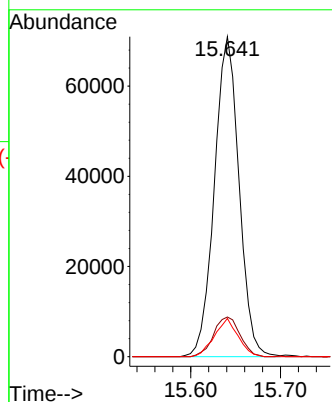
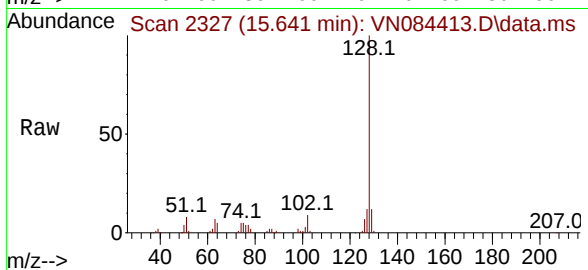
Tgt Ion:128 Resp: 135146

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.4 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 19.282 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN084413.D

Acq: 15 Oct 2024 13:51

Tgt Ion:180 Resp: 44646

Ion Ratio Lower Upper

180 100

182 95.5 0.0 194.4

145 34.8 0.0 72.2

