

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101424\
 Data File : VN084410.D
 Acq On : 14 Oct 2024 16:06
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 15 01:35:18 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	7.818	128	33186	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	173563	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	160566	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	75482	28.252	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.167%
60) 4-Bromofluorobenzene	12.847	95	80877	30.520	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.733%
63) Toluene-d8	10.565	98	227582	30.595	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	35124	17.335	ug/l	99
3) Chloromethane	2.353	50	40502	17.566	ug/l	97
4) Vinyl Chloride	2.518	62	39860	17.629	ug/l	99
5) Bromomethane	2.959	94	26100	17.423	ug/l	85
6) Chloroethane	3.124	64	25306	17.072	ug/l	91
7) Trichlorofluoromethane	3.500	101	66354	18.016	ug/l	98
8) Diethyl Ether	3.965	74	21231	15.679	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	39017	18.841	ug/l	99
10) 1,1-Dichloroethene	4.342	96	35267	17.067	ug/l	92
11) Methyl Iodide	4.589	142	44652	16.444	ug/l	98
12) Methyl Acetate	5.018	43	43315	16.744	ug/l	98
13) Acrolein	4.183	56	31689	65.944	ug/l	99
14) Acrylonitrile	5.718	53	87842	75.583	ug/l	98
15) Acetone	4.424	58	29559	89.035	ug/l	96
16) Carbon Disulfide	4.712	76	103297	16.787	ug/l	97
17) Allyl chloride	5.024	41	53782	16.056	ug/l	93
18) Methylene Chloride	5.277	84	41557	17.853	ug/l	97
19) trans-1,2-Dichloroethene	5.783	96	37840	17.303	ug/l	94
20) Diisopropyl ether	6.665	45	126412	17.553	ug/l	98
21) 1,1-Dichloroethane	6.571	63	73953	17.896	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	44662	17.551	ug/l	99
23) tert-Butyl Alcohol	5.518	59	28260	63.393	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	111747	16.182	ug/l #	89
25) Chloroform	7.965	83	76596	18.301	ug/l	96
26) Cyclohexane	8.253	56	55475	16.051	ug/l #	94
29) 1,1-Dichloropropene	8.371	75	52451	18.409	ug/l	99
30) 2-Butanone	7.477	43	118075	77.837	ug/l	99
31) 2,2-Dichloropropane	7.494	77	65168	19.464	ug/l #	80
32) 1,1,1-Trichloroethane	8.165	97	70049	19.235	ug/l	99
33) Carbon Tetrachloride	8.359	117	57538	18.237	ug/l	98
34) Benzene	8.606	78	163395	18.320	ug/l	95
35) Methacrylonitrile	7.771	41	27297	16.867	ug/l	93
36) 1,2-Dichloroethane	8.671	62	54828	18.443	ug/l	98
37) Trichloroethene	9.353	130	38644	18.817	ug/l	100
38) Methylcyclohexane	9.600	83	54370	17.373	ug/l	97
39) 1,2-Dichloropropane	9.618	63	40699	18.713	ug/l	98
40) Dibromomethane	9.706	93	27523	18.107	ug/l	98
41) Bromodichloromethane	9.882	83	59665	18.490	ug/l	91
42) Vinyl Acetate	6.600	43	439405	83.286	ug/l	100

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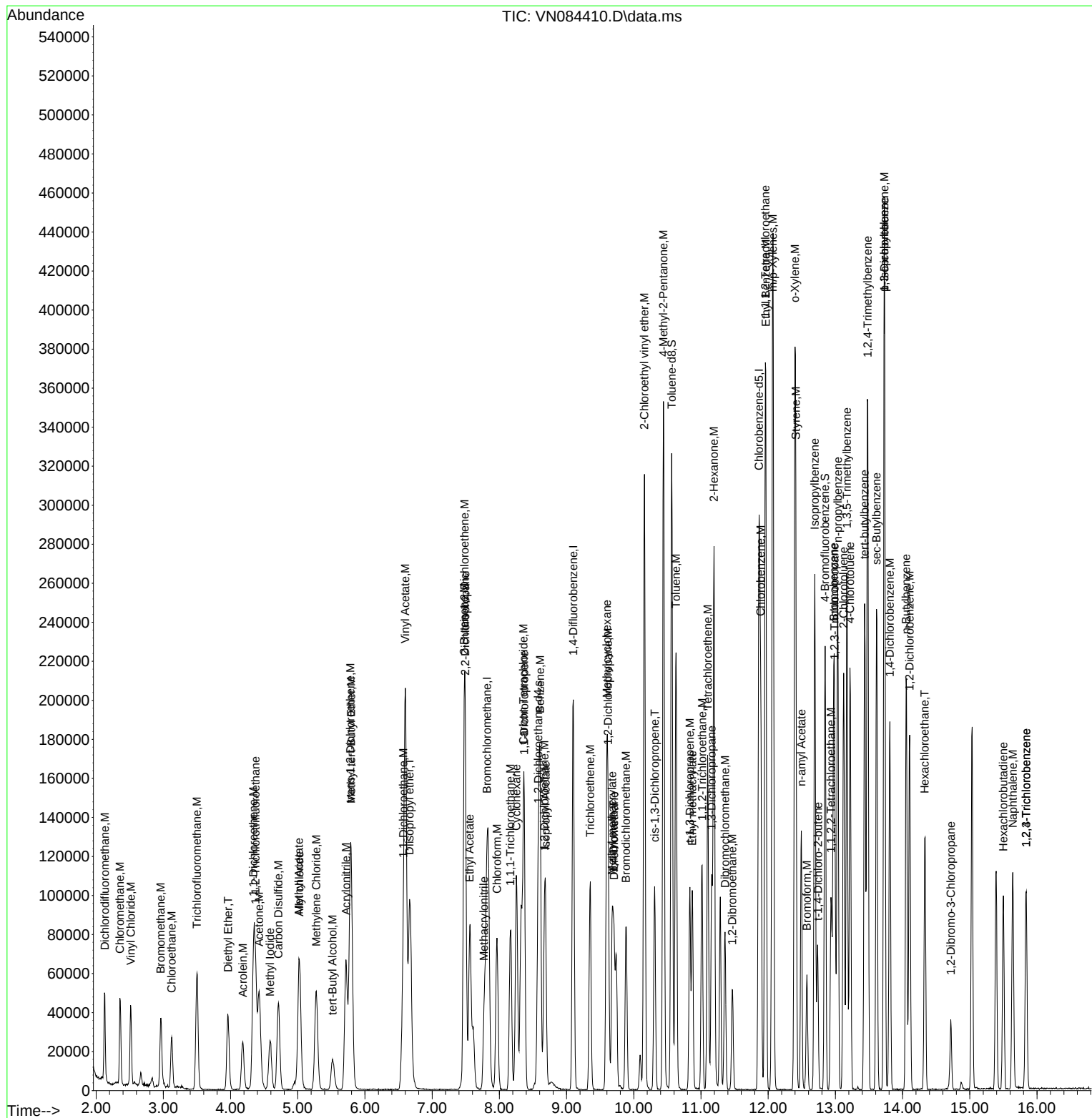
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43) Ethyl Acetate	7.559	43	46198	15.442	ug/l	# 80
44) Isopropyl Acetate	8.688	43	82777	16.905	ug/l	99
45) 1,4-Dioxane	9.700	88	14247	322.753	ug/l	88
46) Methyl methacrylate	9.677	41	36727	15.523	ug/l	94
47) n-amyl Acetate	12.494	43	67058	15.396	ug/l	97
48) t-1,3-Dichloropropene	10.835	75	57664	17.293	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	63766	18.247	ug/l	97
50) 1,1,2-Trichloroethane	11.018	97	38114	18.655	ug/l	94
51) Ethyl methacrylate	10.871	69	52556	15.573	ug/l	98
52) 1,3-Dichloropropane	11.159	76	64436	18.037	ug/l	98
53) Dibromochloromethane	11.359	129	43606	18.067	ug/l	96
54) 1,2-Dibromoethane	11.465	107	35617	16.936	ug/l	92
55) 2-Chloroethyl vinyl ether	10.159	63	137575	89.882	ug/l	99
56) Bromoform	12.576	173	27370	17.098	ug/l	96
58) 4-Methyl-2-Pentanone	10.441	43	237071	79.259	ug/l	100
59) 2-Hexanone	11.194	43	172132	77.446	ug/l	100
61) Tetrachloroethene	11.100	164	38168	21.015	ug/l	95
62) Toluene	10.629	91	173041	18.409	ug/l	100
64) Chlorobenzene	11.888	112	106524	18.211	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	38483	18.937	ug/l	98
66) Ethyl Benzene	11.965	91	180142	17.639	ug/l	98
67) m/p-Xylenes	12.070	106	143254	36.977	ug/l	97
68) o-Xylene	12.400	106	66248	17.741	ug/l	97
69) Styrene	12.412	104	112332	17.523	ug/l	100
70) Isopropylbenzene	12.694	105	169003	17.728	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	49693	16.850	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	65801	26.053	ug/l	57
73) Bromobenzene	12.976	156	41647	18.039	ug/l	98
74) n-propylbenzene	13.035	91	207096	18.230	ug/l	99
75) 2-Chlorotoluene	13.123	91	128447	18.196	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	147463	18.371	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	17702	16.402	ug/l	92
78) 4-Chlorotoluene	13.217	91	131287	18.293	ug/l	99
79) tert-butylbenzene	13.435	119	119982	17.521	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	145213	17.830	ug/l	100
81) sec-Butylbenzene	13.612	105	173777	18.432	ug/l	100
82) p-Isopropyltoluene	13.729	119	142363	17.940	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	81130	18.899	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	78568	18.431	ug/l	99
85) n-Butylbenzene	14.053	91	118724	17.274	ug/l	99
86) Hexachloroethane	14.329	117	27744	18.147	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	76865	18.519	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	9824	16.290	ug/l	99
89) 1,2,4-Trichlorobenzene	15.841	180	37392	17.327	ug/l	96
90) Hexachlorobutadiene	15.500	225	18725	18.756	ug/l	96
91) Naphthalene	15.641	128	104680	14.315	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	37392	17.327	ug/l	96

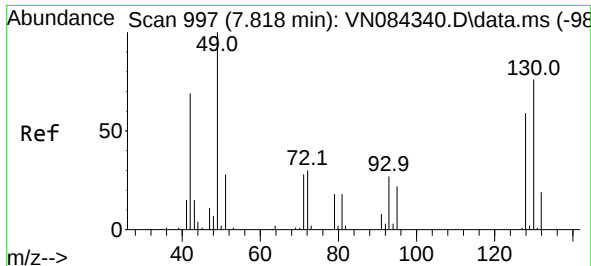
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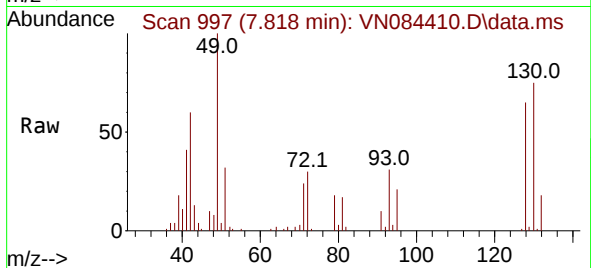
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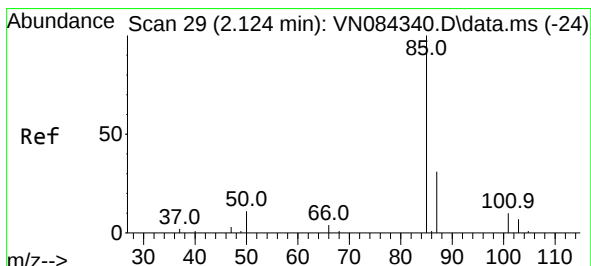
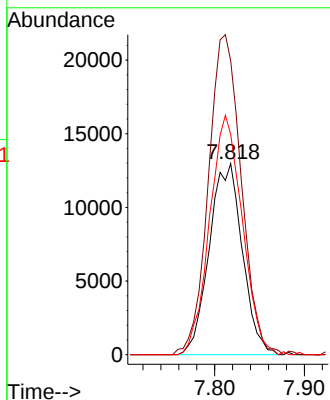
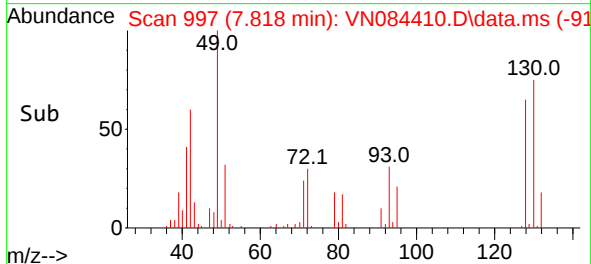


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN084410.D
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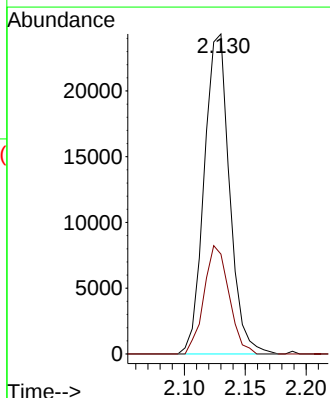
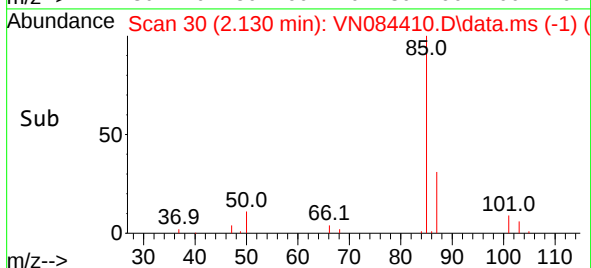
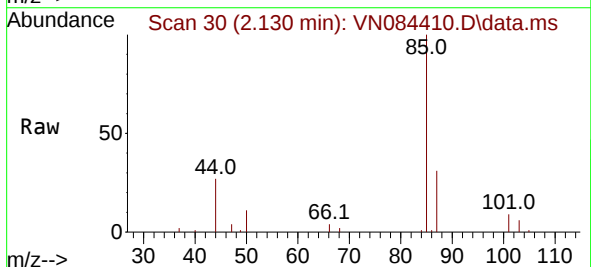


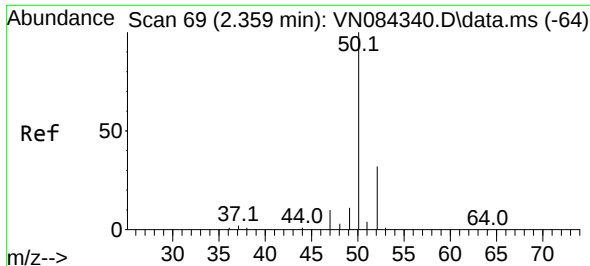
Tgt Ion:128 Resp: 33186
Ion Ratio Lower Upper
128 100
49 165.1 0.0 430.0
130 124.0 0.0 329.8



#2
Dichlorodifluoromethane
Concen: 17.335 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion: 85 Resp: 35124
Ion Ratio Lower Upper
85 100
87 31.2 15.4 46.4

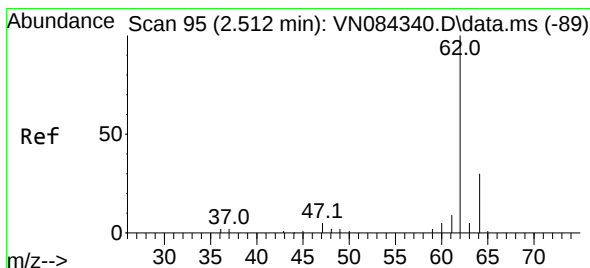
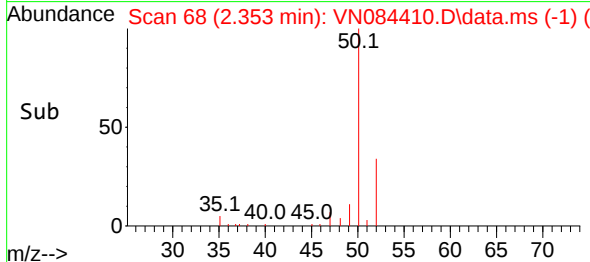
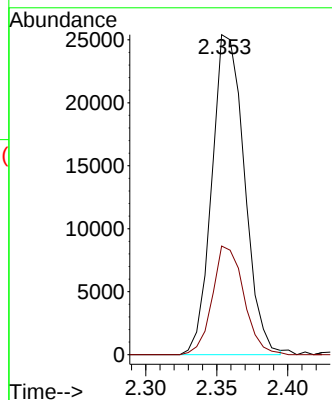
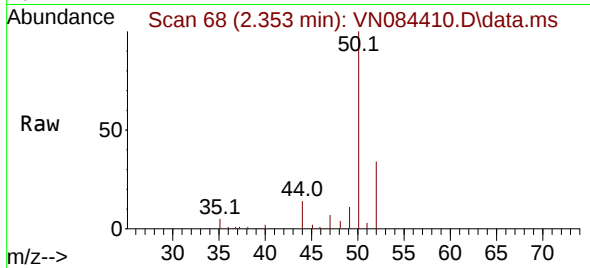




#3
Chloromethane
Concen: 17.566 ug/l
RT: 2.353 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

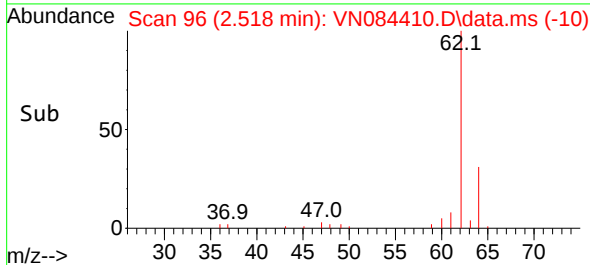
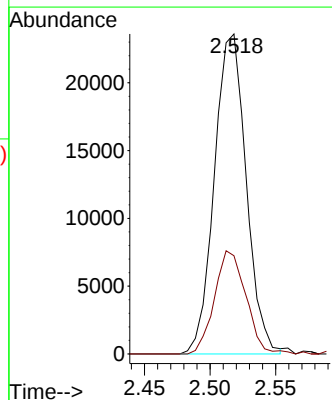
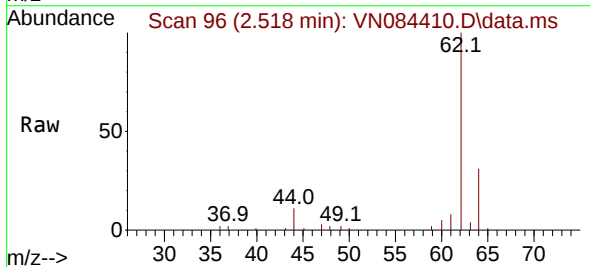
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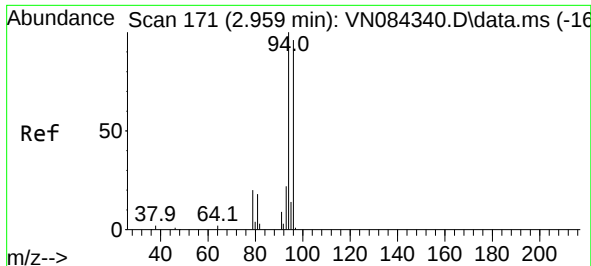
Tgt Ion: 50 Resp: 40502
Ion Ratio Lower Upper
50 100
52 34.0 25.8 38.6



#4
Vinyl Chloride
Concen: 17.629 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion: 62 Resp: 39860
Ion Ratio Lower Upper
62 100
64 30.7 24.3 36.5

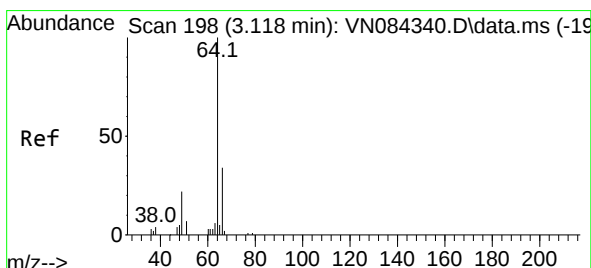
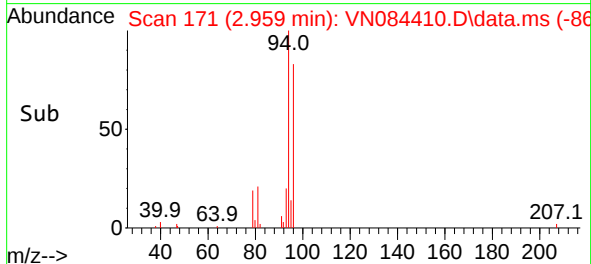
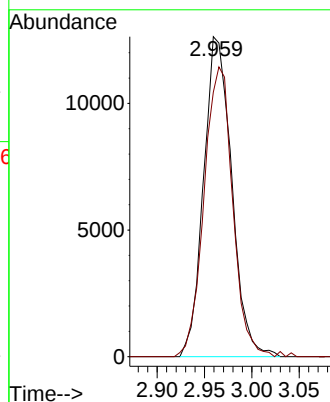
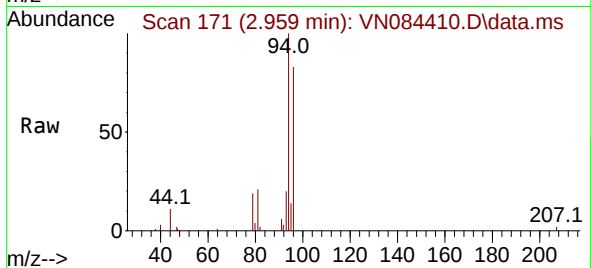




#5
Bromomethane
Concen: 17.423 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084410.D
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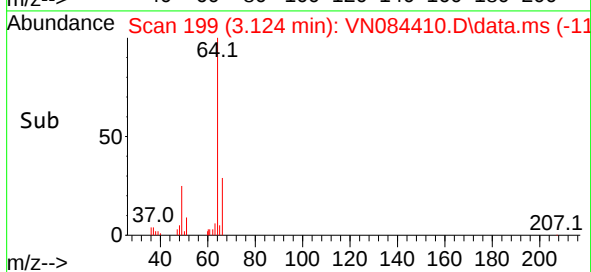
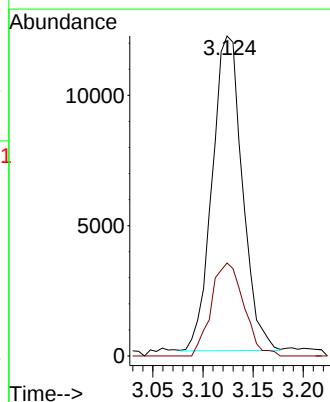
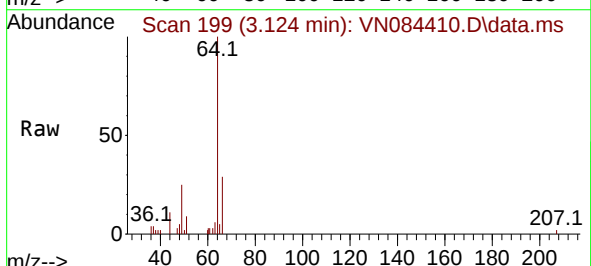
Instrument :
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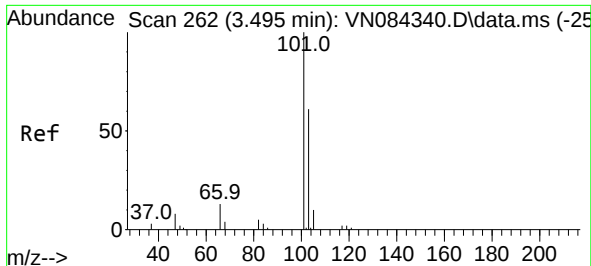
Tgt Ion: 94 Resp: 26100
Ion Ratio Lower Upper
94 100
96 81.4 76.7 115.1



#6
Chloroethane
Concen: 17.072 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion: 64 Resp: 25306
Ion Ratio Lower Upper
64 100
66 29.6 27.7 41.5

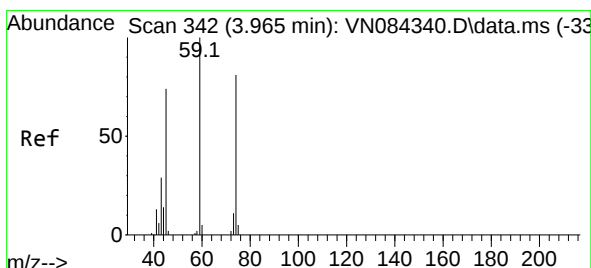
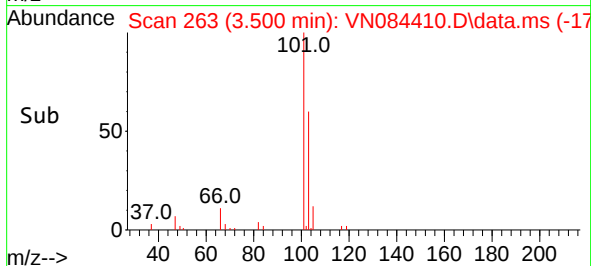
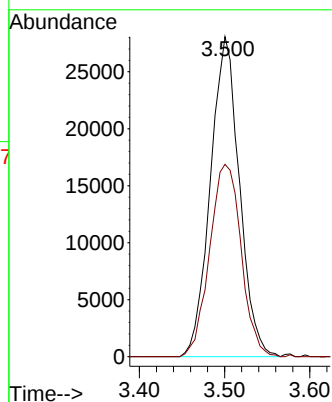
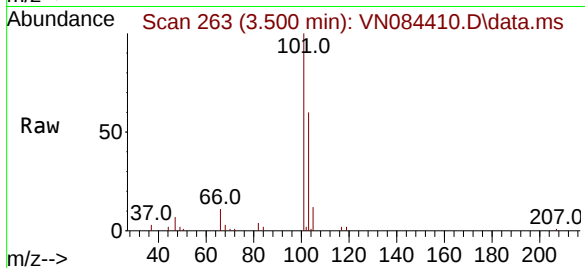




#7
 Trichlorofluoromethane
 Concen: 18.016 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.006 min
 Lab File: VN084410.D
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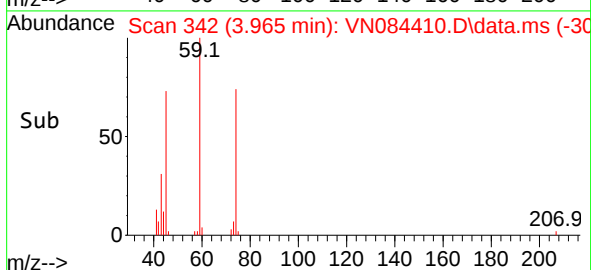
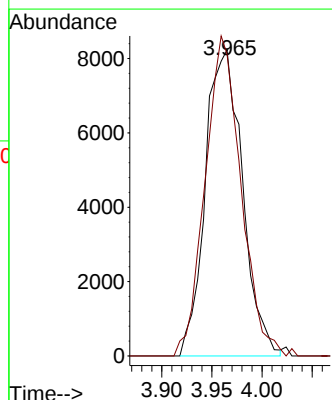
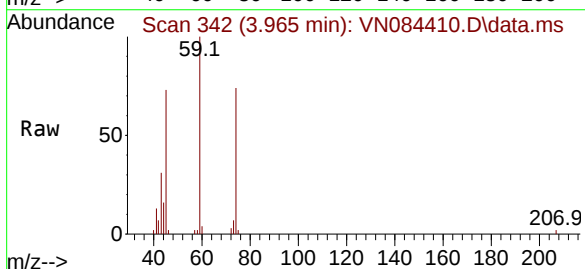
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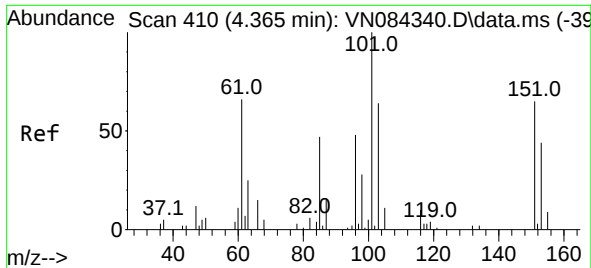
Tgt Ion:101 Resp: 66354
 Ion Ratio Lower Upper
 101 100
 103 60.1 49.0 73.6



#8
 Diethyl Ether
 Concen: 15.679 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN084410.D
 Acq: 14 Oct 2024 16:06

Tgt Ion: 74 Resp: 21231
 Ion Ratio Lower Upper
 74 100
 45 100.6 19.2 173.2

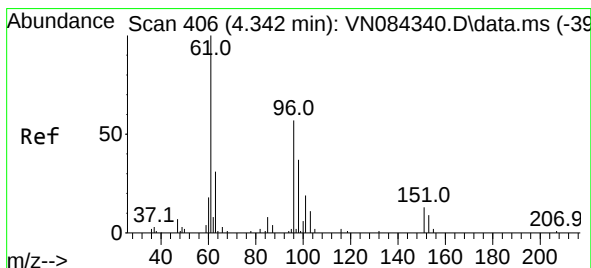
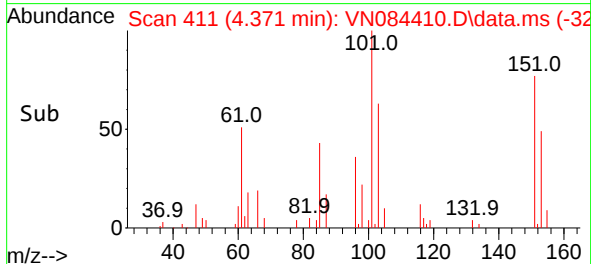
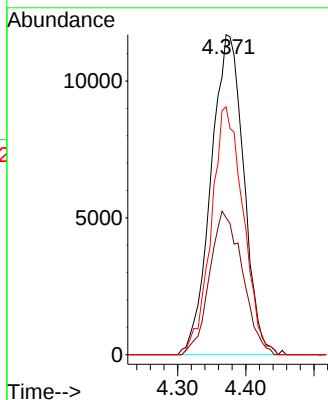
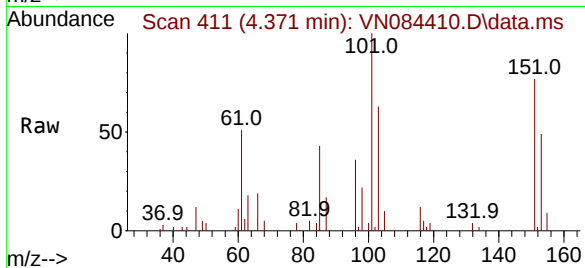




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.841 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084410.D
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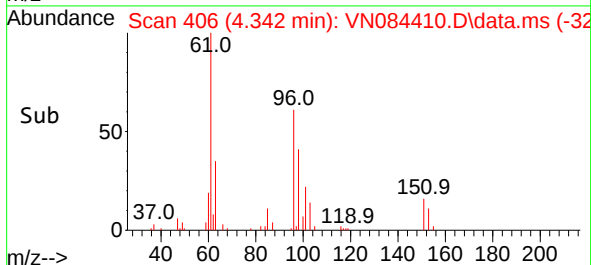
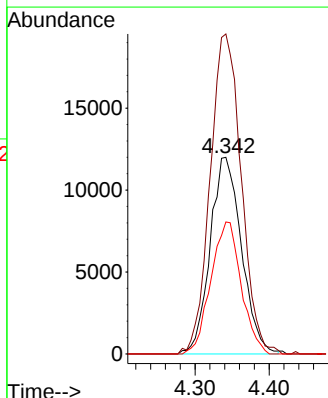
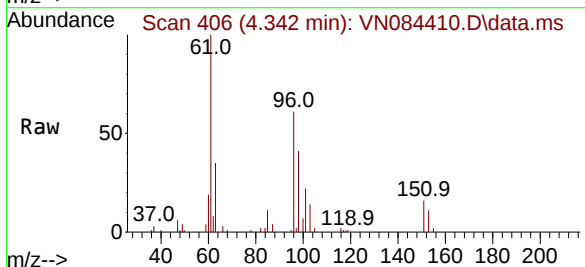
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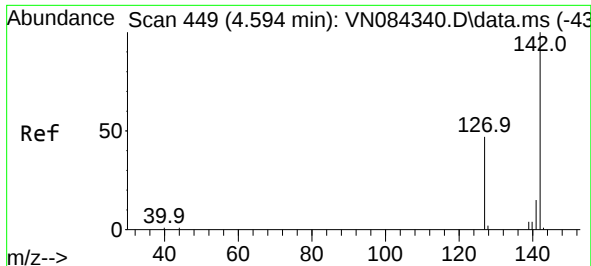
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Ion Ratio Lower Upper
101 100
85 45.1 0.0 93.6
151 75.8 0.0 151.8



#10
1,1-Dichloroethene
Concen: 17.067 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

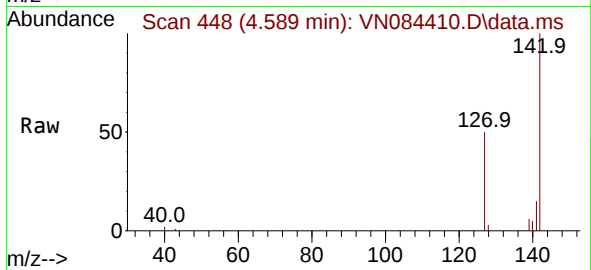
Tgt Ion: 96 Resp: 35267
Ion Ratio Lower Upper
96 100
61 162.8 140.8 211.2
98 67.1 52.2 78.2



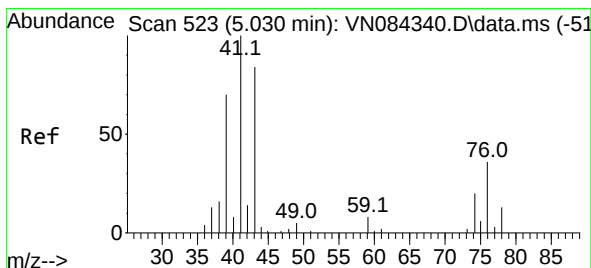
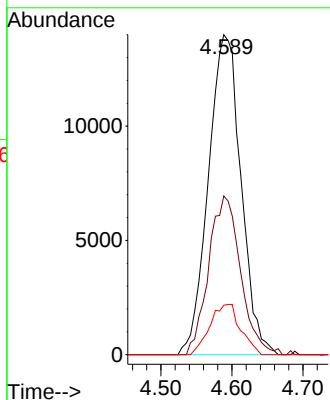
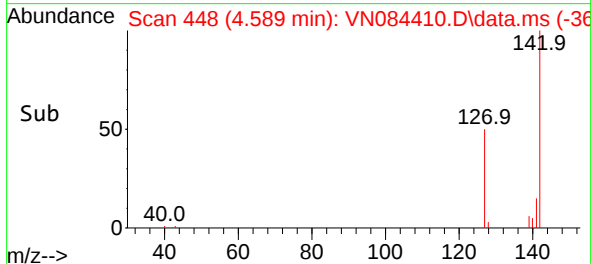


#11
Methyl Iodide
Concen: 16.444 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Instrument :
MSVOA_N
ClientSampleId :

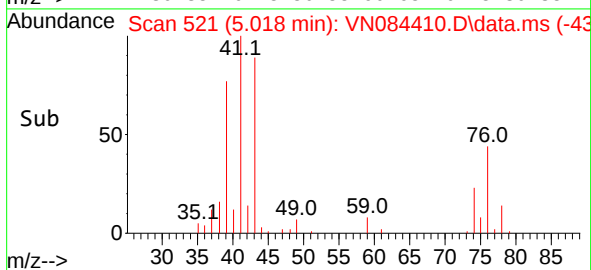
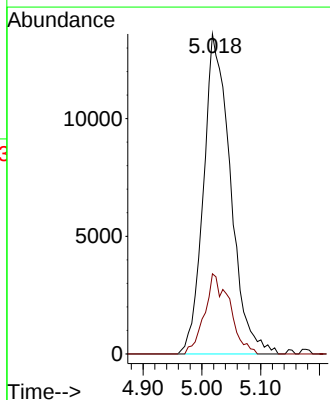
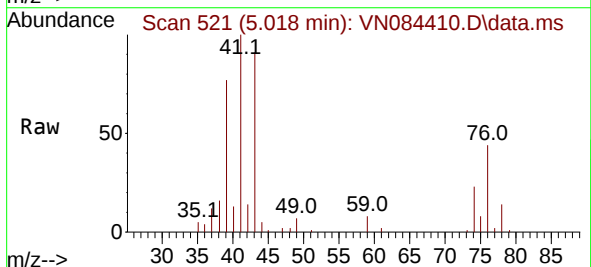


Tgt Ion:142 Resp: 44652
Ion Ratio Lower Upper
142 100
127 48.7 23.8 71.4
141 15.4 7.4 22.2



#12
Methyl Acetate
Concen: 16.744 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.012 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion: 43 Resp: 43315
Ion Ratio Lower Upper
43 100
74 25.0 19.4 29.2





#13

Acrolein

Concen: 65.944 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN084410.D

Acq: 14 Oct 2024 16:06

Instrument :

MSVOA_N

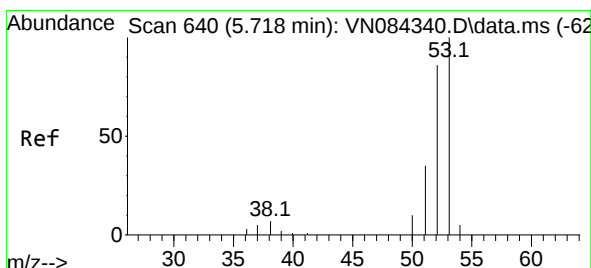
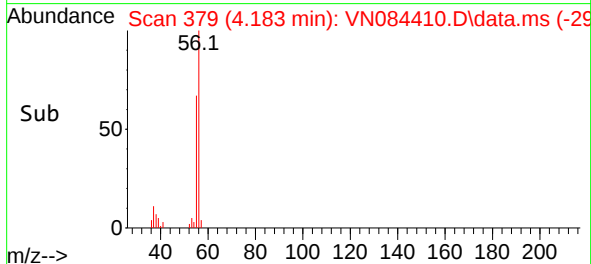
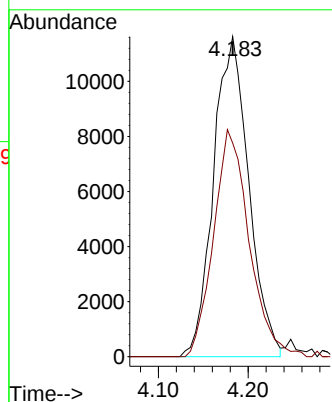
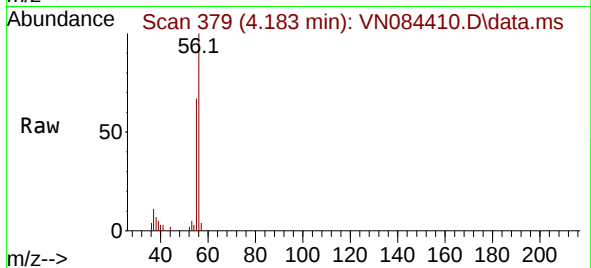
ClientSampleId :

Tgt Ion: 56 Resp: 31689

Ion Ratio Lower Upper

56 100

55 71.2 56.4 84.6



#14

Acrylonitrile

Concen: 75.583 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN084410.D

Acq: 14 Oct 2024 16:06

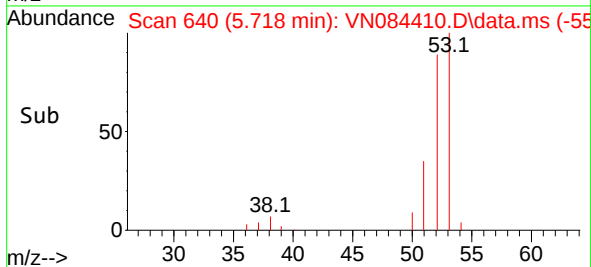
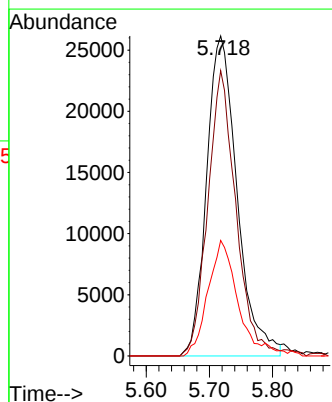
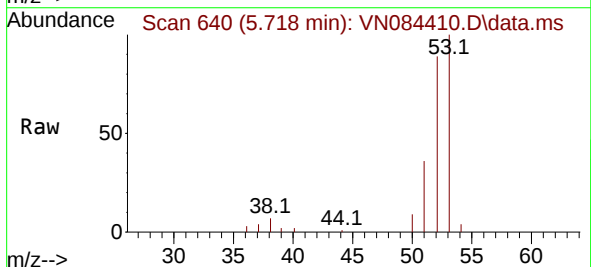
Tgt Ion: 53 Resp: 87842

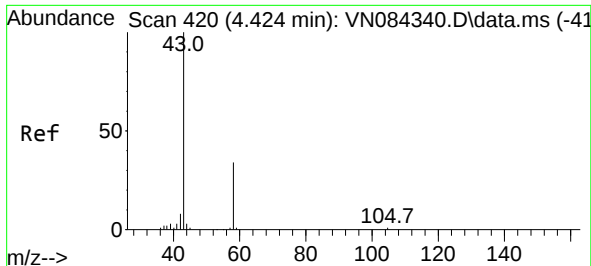
Ion Ratio Lower Upper

53 100

52 81.8 40.4 121.2

51 33.8 17.8 53.4





#15

Acetone

Concen: 89.035 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN084410.D

Acq: 14 Oct 2024 16:06

Instrument :

MSVOA_N

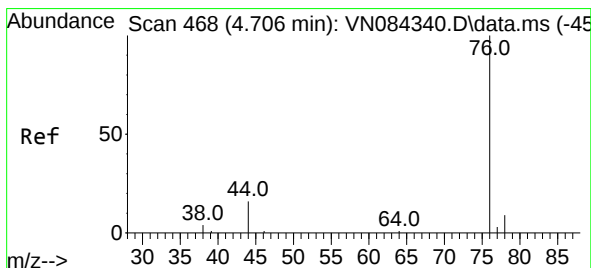
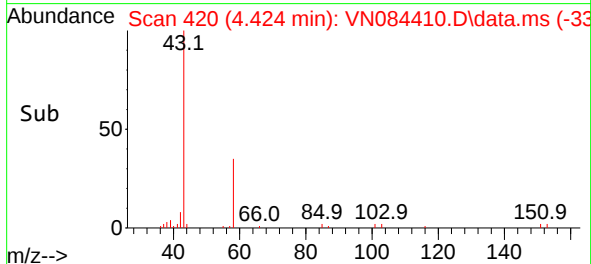
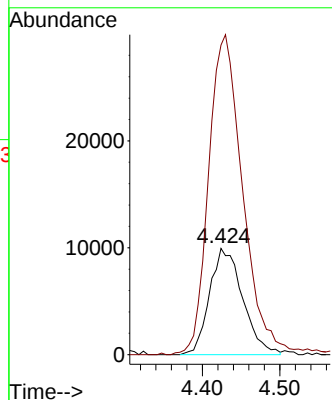
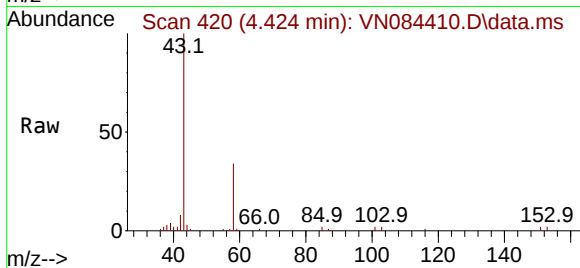
ClientSampleId :

Tgt Ion: 58 Resp: 29559

Ion Ratio Lower Upper

58 100

43 289.1 237.5 356.3



#16

Carbon Disulfide

Concen: 16.787 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN084410.D

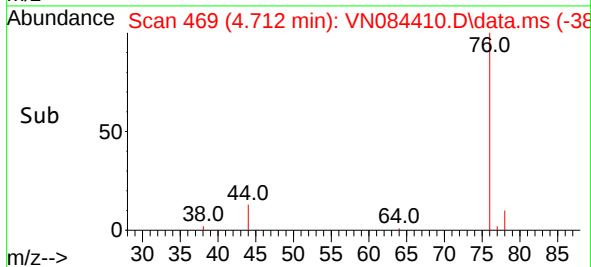
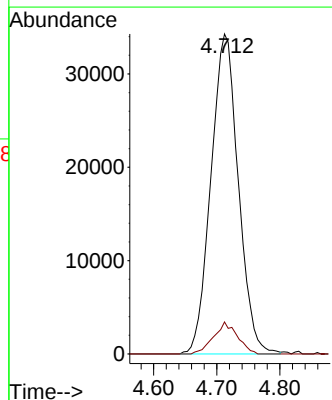
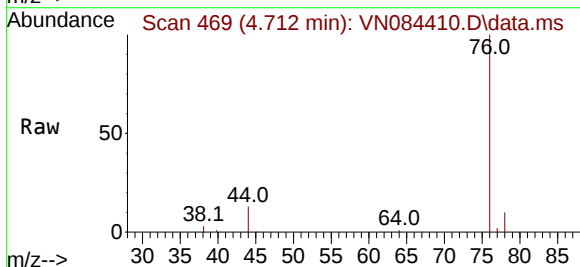
Acq: 14 Oct 2024 16:06

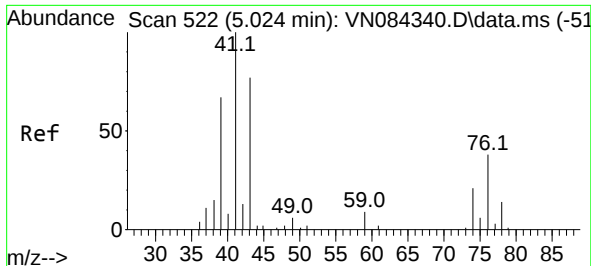
Tgt Ion: 76 Resp: 103297

Ion Ratio Lower Upper

76 100

78 10.0 7.1 10.7

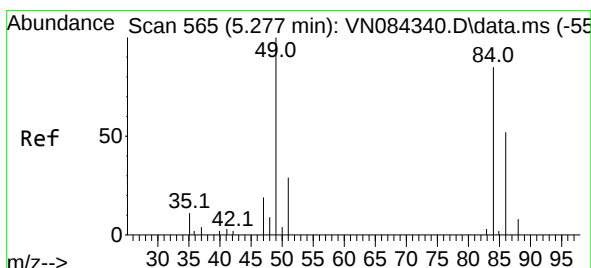
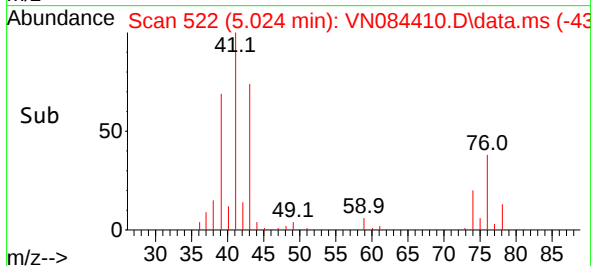
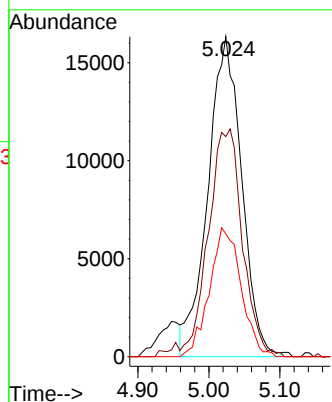
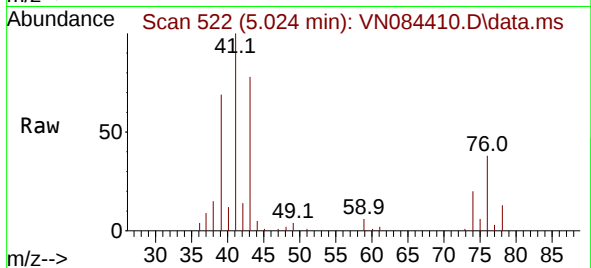




#17
 Allyl chloride
 Concen: 16.056 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN084410.D
 Acq: 14 Oct 2024 16:06

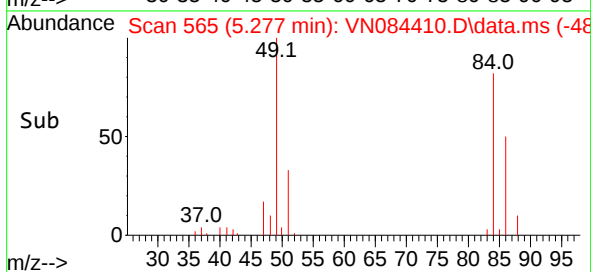
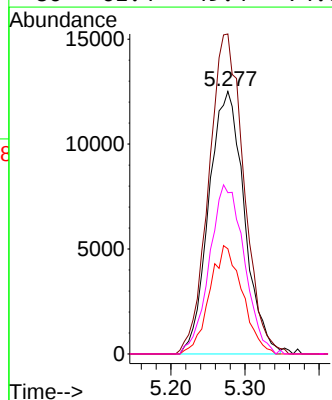
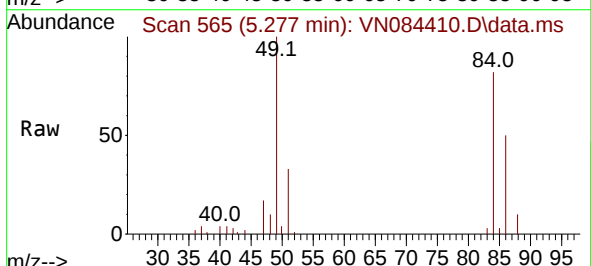
Instrument :
 MSVOA_N
 ClientSampleId :

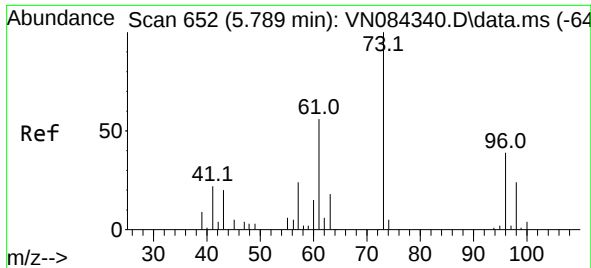
Tgt Ion:	41	Resp:	53782
Ion	Ratio	Lower	Upper
41	100		
39	68.4	31.4	94.3
76	38.9	17.8	53.5



#18
 Methylene Chloride
 Concen: 17.853 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: VN084410.D
 Acq: 14 Oct 2024 16:06

Tgt Ion:	84	Resp:	41557
Ion	Ratio	Lower	Upper
84	100		
49	120.4	94.6	142.0
51	40.1	27.3	40.9
86	61.4	49.4	74.0

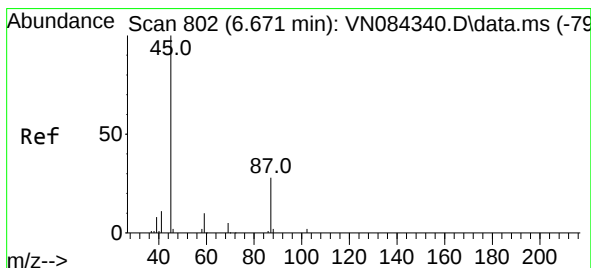
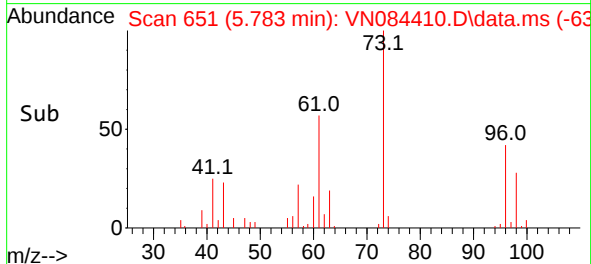
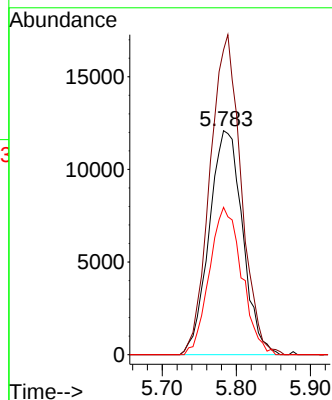
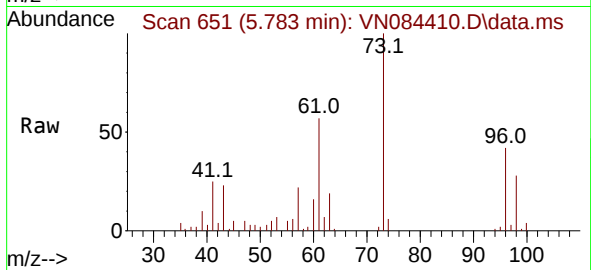




#19
trans-1,2-Dichloroethene
Concen: 17.303 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

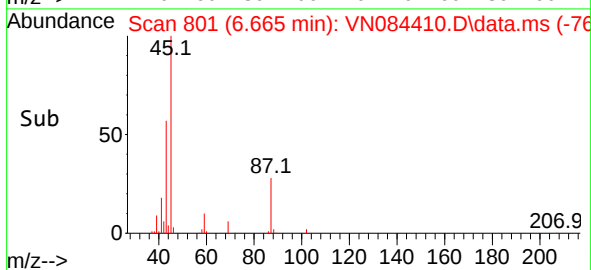
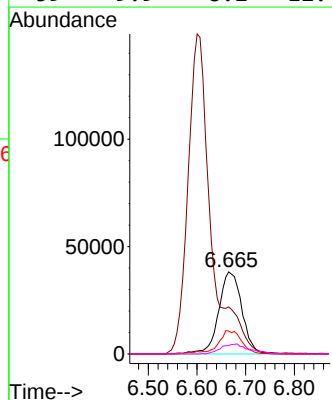
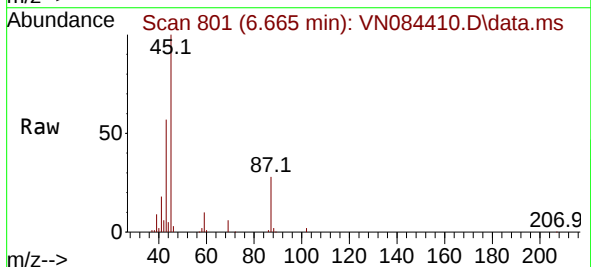
Instrument :
MSVOA_N
ClientSampleId :

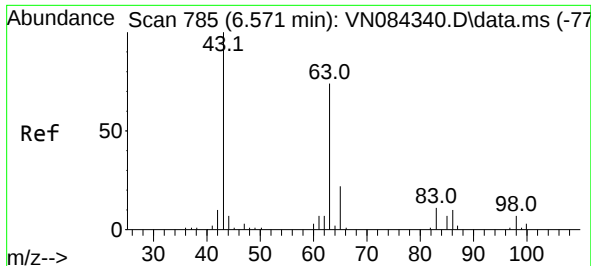
Tgt Ion: 96 Resp: 37840
Ion Ratio Lower Upper
96 100
61 136.1 115.8 173.6
98 65.8 49.4 74.0



#20
Diisopropyl ether
Concen: 17.553 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion: 45 Resp: 126412
Ion Ratio Lower Upper
45 100
43 56.4 43.7 65.5
87 27.8 23.1 34.7
59 9.9 8.2 12.4





#21

1,1-Dichloroethane

Concen: 17.896 ug/l

RT: 6.571 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN084410.D

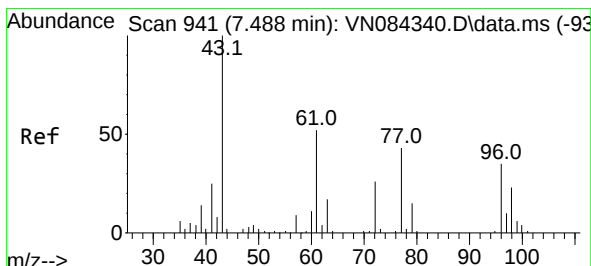
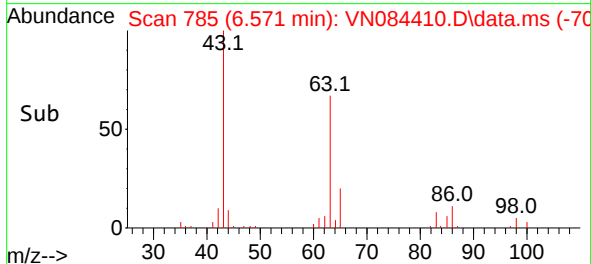
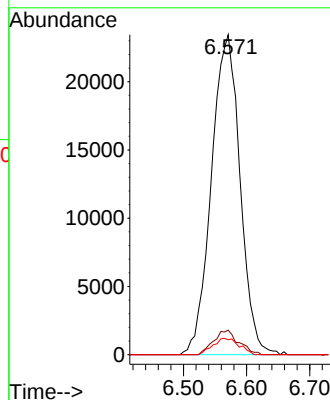
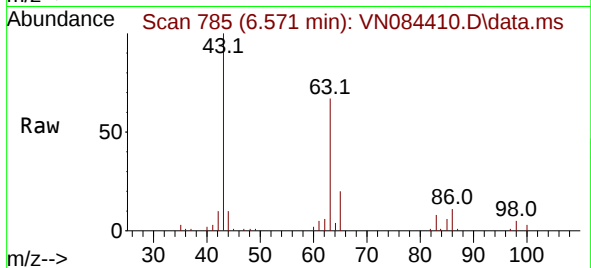
Acq: 14 Oct 2024 16:06

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	63	Resp:	73953
Ion Ratio	Lower	Upper	
63	100		
98	7.7	4.5	13.4
100	4.7	2.1	6.3



#22

cis-1,2-Dichloroethene

Concen: 17.551 ug/l

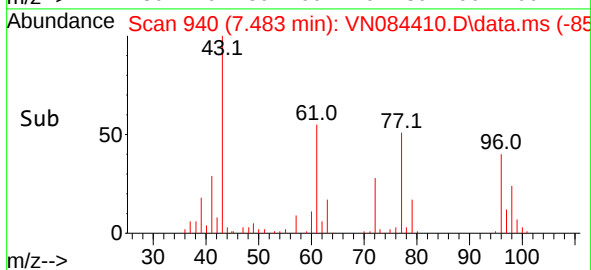
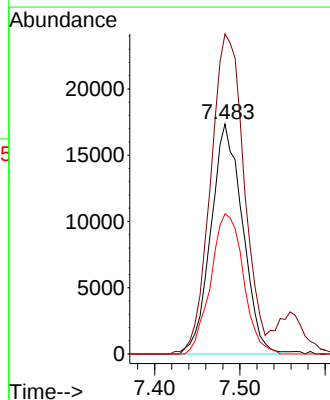
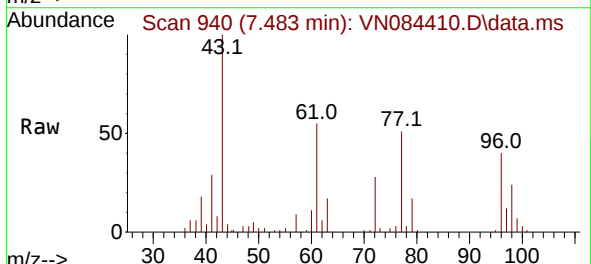
RT: 7.483 min Scan# 940

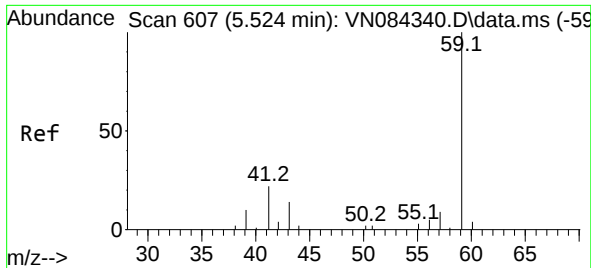
Delta R.T. -0.006 min

Lab File: VN084410.D

Acq: 14 Oct 2024 16:06

Tgt Ion:	96	Resp:	44662
Ion Ratio	Lower	Upper	
96	100		
61	147.2	118.0	177.0
98	62.9	51.8	77.8

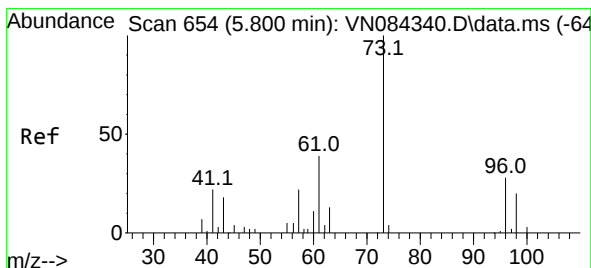
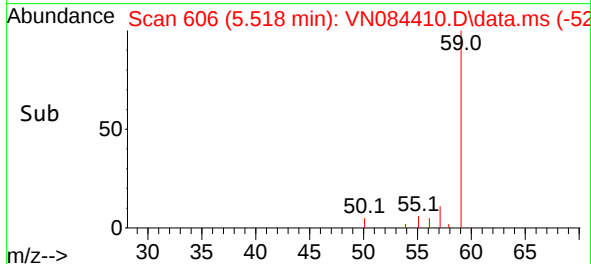
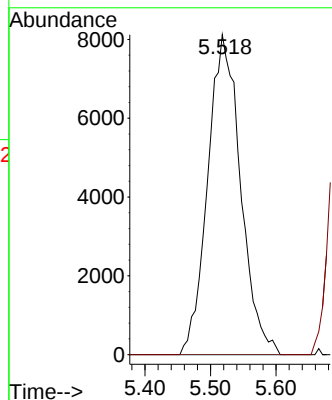
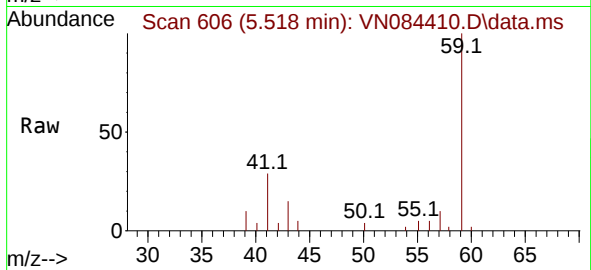




#23
tert-Butyl Alcohol
Concen: 63.393 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

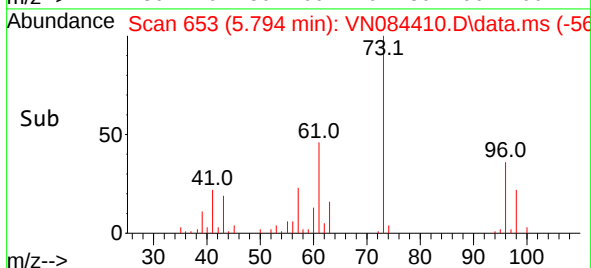
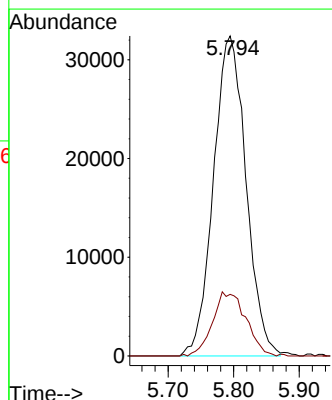
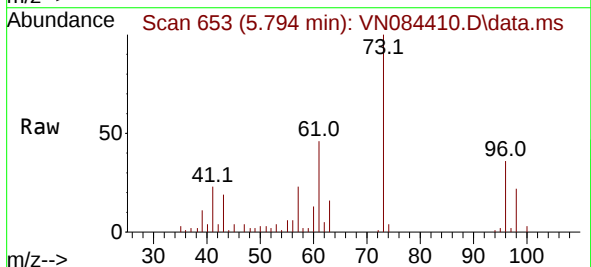
Instrument :
MSVOA_N
ClientSampleId :

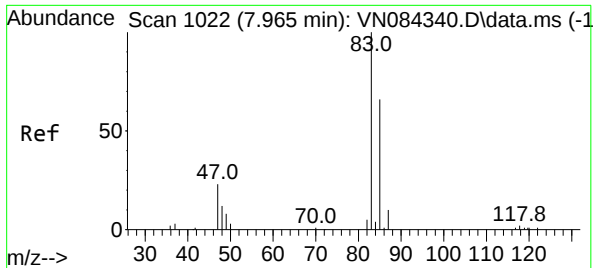
Tgt Ion: 59 Resp: 28260
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 16.182 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion: 73 Resp: 111747
Ion Ratio Lower Upper
73 100
43 9.3 10.9 16.3#

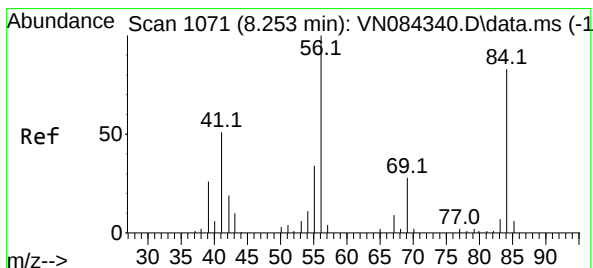
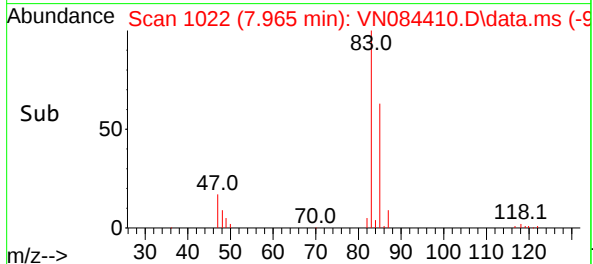
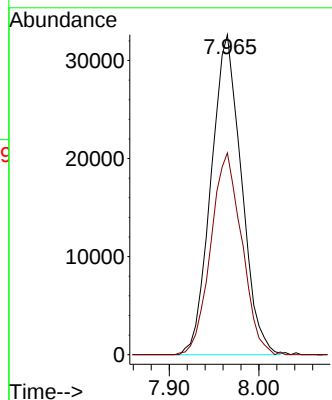
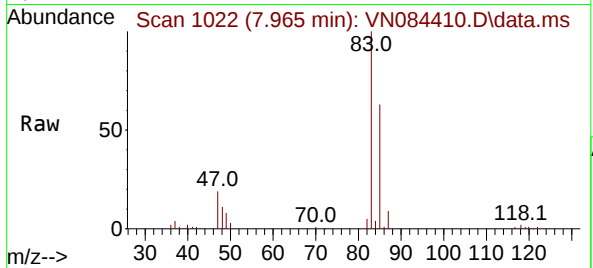




#25
Chloroform
Concen: 18.301 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

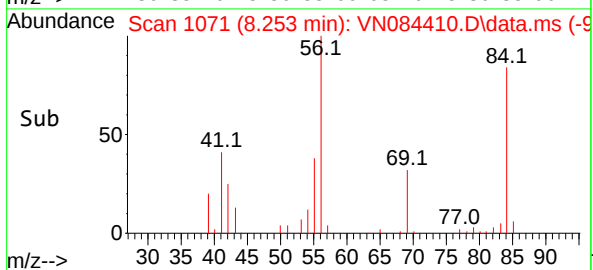
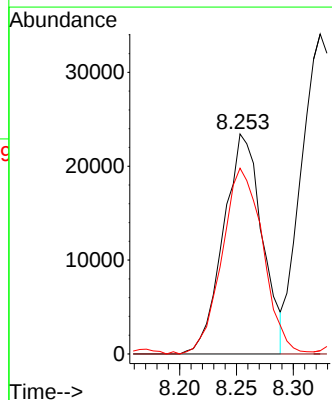
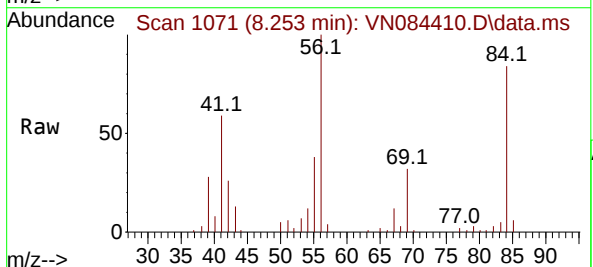
Instrument :
MSVOA_N
ClientSampleId :

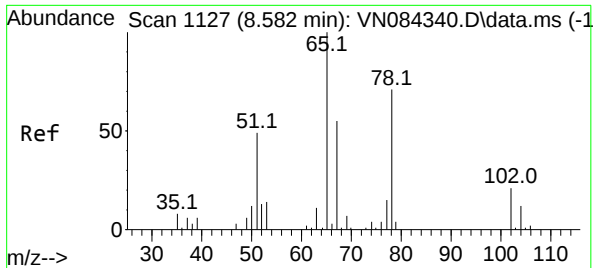
Tgt Ion: 83 Resp: 76596
Ion Ratio Lower Upper
83 100
85 62.5 52.4 78.6



#26
Cyclohexane
Concen: 16.051 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion: 56 Resp: 55475
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.3 67.0 100.6

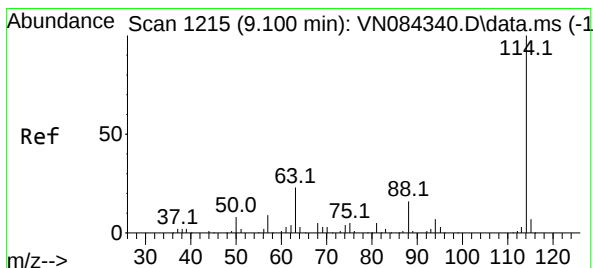
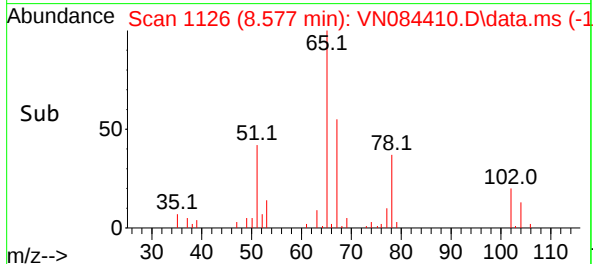
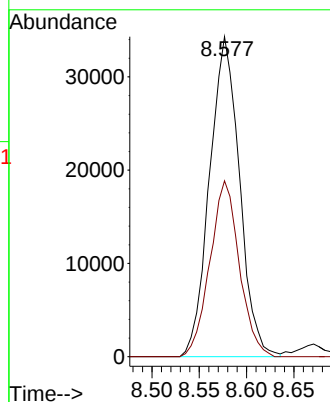
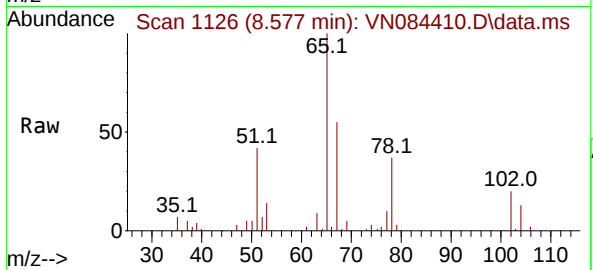




#27
1,2-Dichloroethane-d4
Concen: 28.252 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

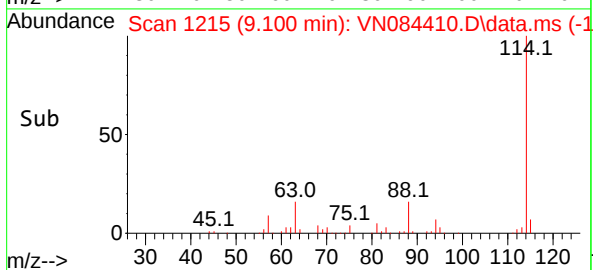
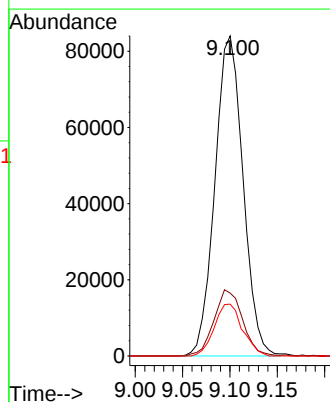
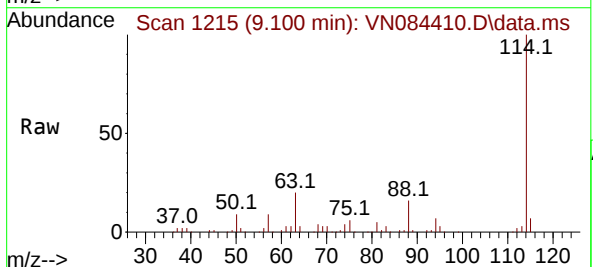
Instrument :
MSVOA_N
ClientSampleId :

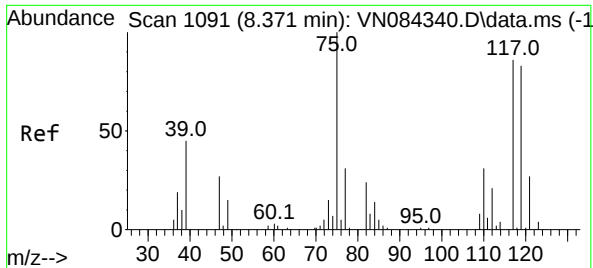
Tgt Ion: 65 Resp: 75482
Ion Ratio Lower Upper
65 100
67 53.9 41.5 62.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion:114 Resp: 173563
Ion Ratio Lower Upper
114 100
63 20.9 17.4 26.0
88 16.2 13.2 19.8

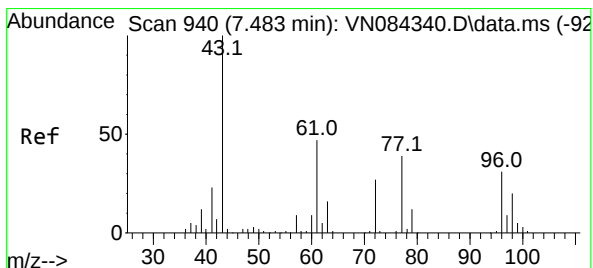
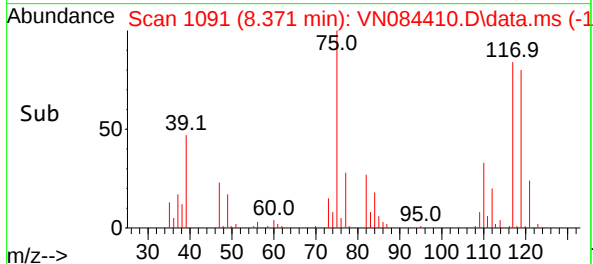
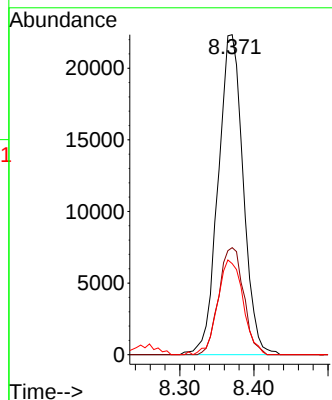
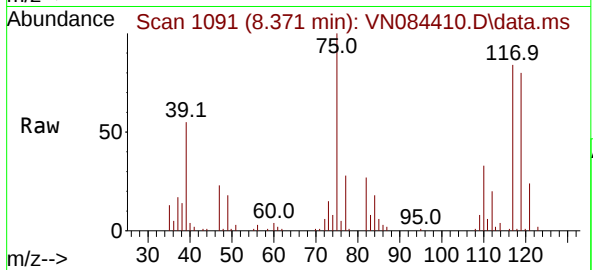




#29
1,1-Dichloropropene
Concen: 18.409 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

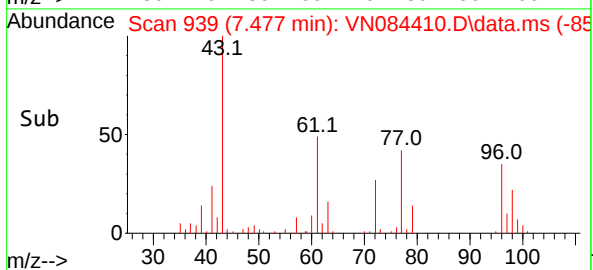
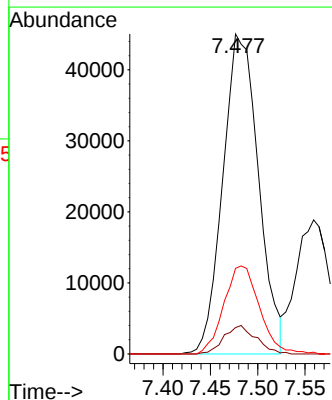
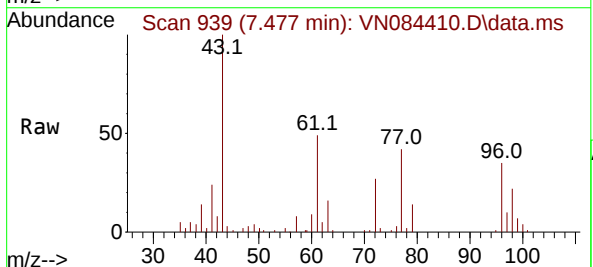
Instrument :
MSVOA_N
ClientSampleId :

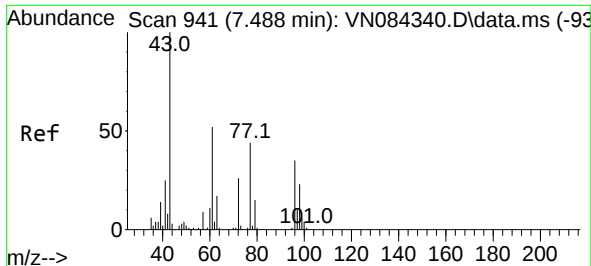
Tgt Ion: 75 Resp: 52451
Ion Ratio Lower Upper
75 100
110 33.2 0.0 67.6
77 30.2 0.0 61.4



#30
2-Butanone
Concen: 77.837 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion: 43 Resp: 118075
Ion Ratio Lower Upper
43 100
57 8.0 6.6 9.8
72 27.5 21.3 31.9





#31

2,2-Dichloropropane

Concen: 19.464 ug/l

RT: 7.494 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN084410.D

Acq: 14 Oct 2024 16:06

Instrument :

MSVOA_N

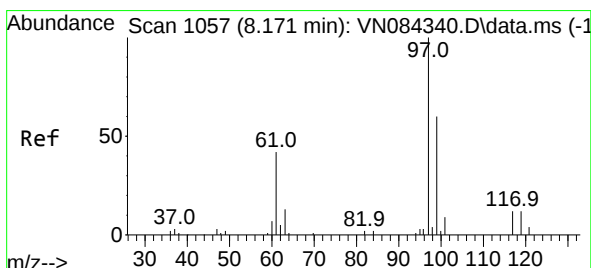
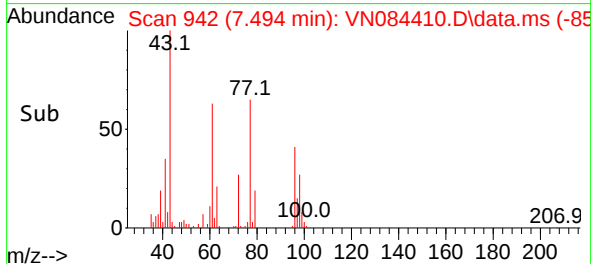
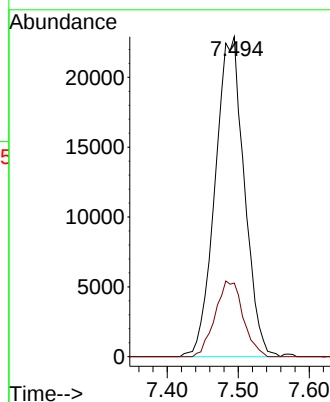
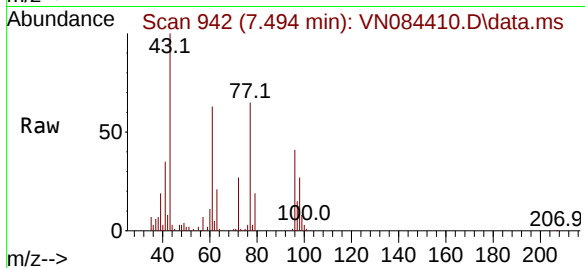
ClientSampleId :

Tgt Ion: 77 Resp: 65168

Ion Ratio Lower Upper

77 100

97 22.7 11.5 17.3#



#32

1,1,1-Trichloroethane

Concen: 19.235 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN084410.D

Acq: 14 Oct 2024 16:06

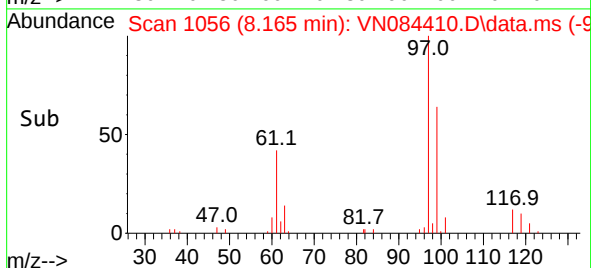
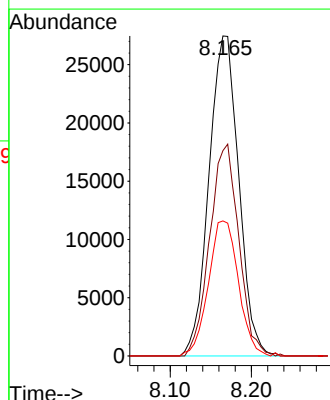
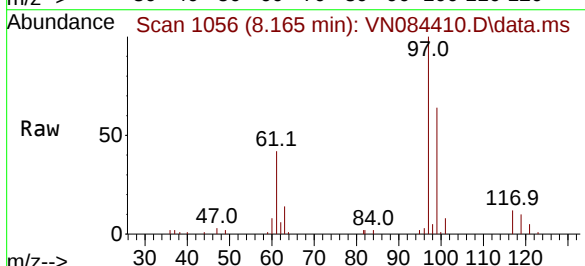
Tgt Ion: 97 Resp: 70049

Ion Ratio Lower Upper

97 100

99 64.7 51.2 76.8

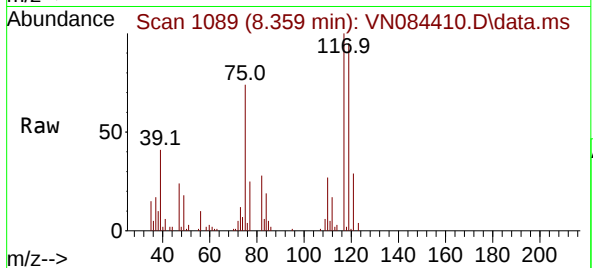
61 42.4 34.1 51.1



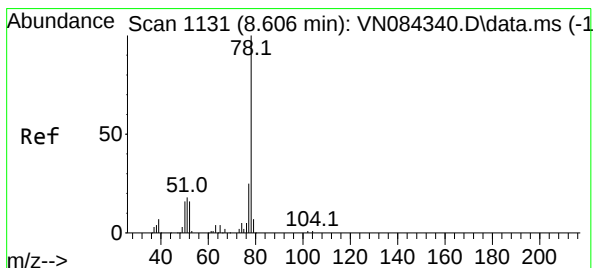
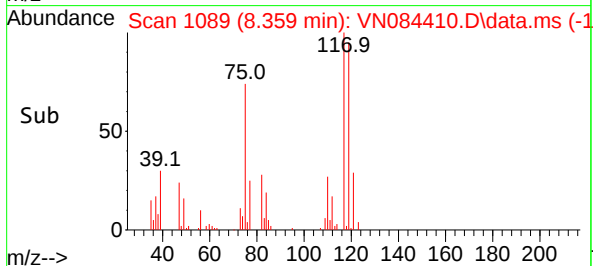
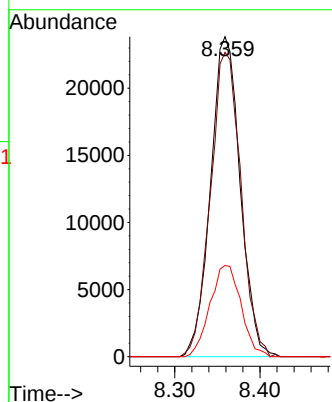


#33
Carbon Tetrachloride
Concen: 18.237 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Instrument :
MSVOA_N
ClientSampleId :

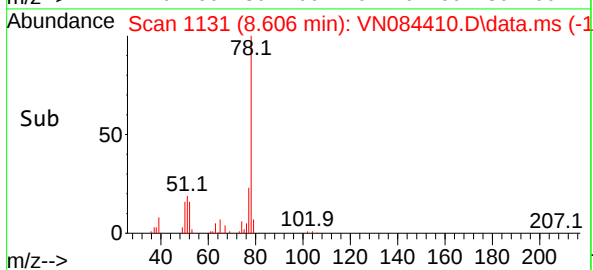
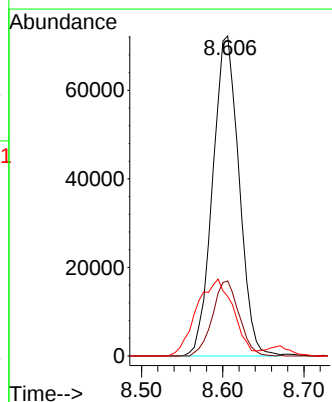
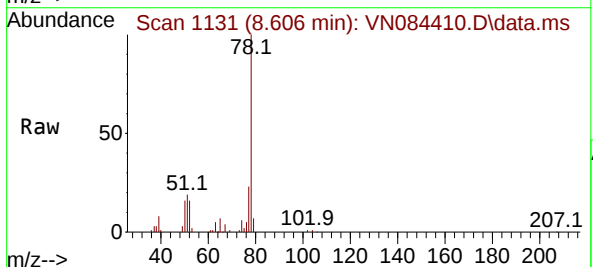


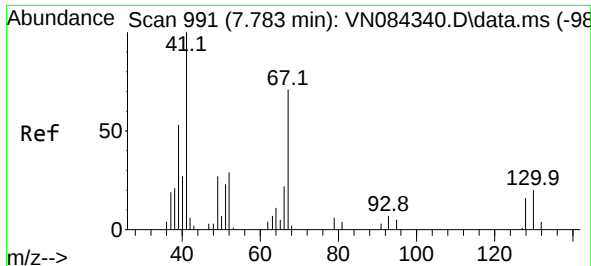
Tgt Ion:117 Resp: 57538
Ion Ratio Lower Upper
117 100
119 95.1 74.3 111.5
121 28.5 22.4 33.6



#34
Benzene
Concen: 18.320 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion: 78 Resp: 163395
Ion Ratio Lower Upper
78 100
77 23.5 19.6 29.4
51 16.0 15.8 23.6



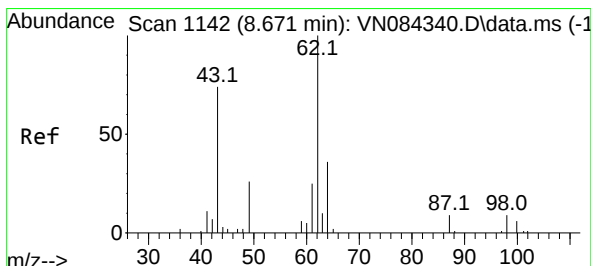
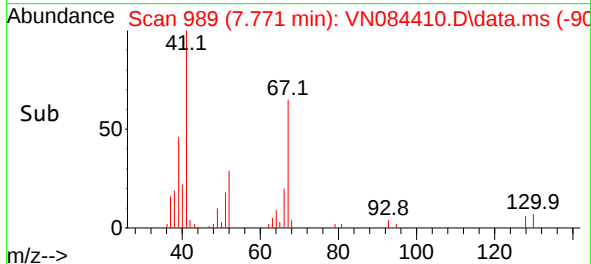
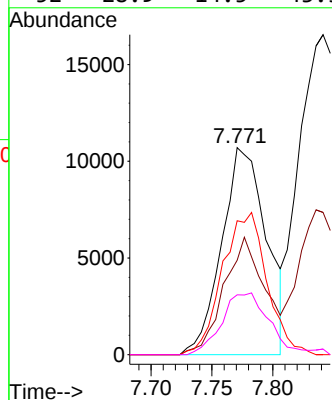
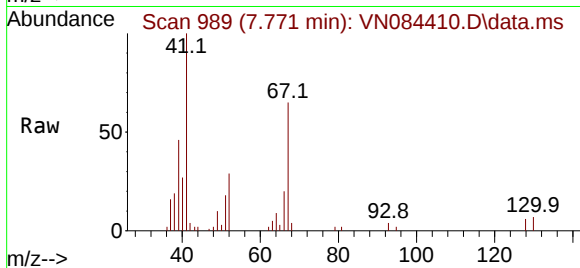


#35
Methacrylonitrile
Concen: 16.867 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 27297

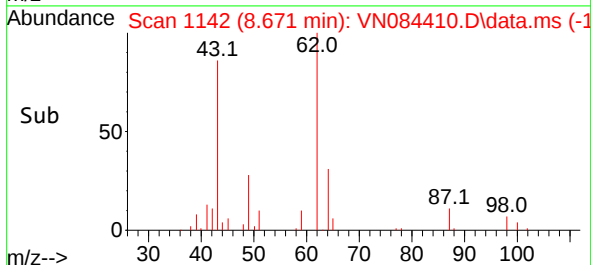
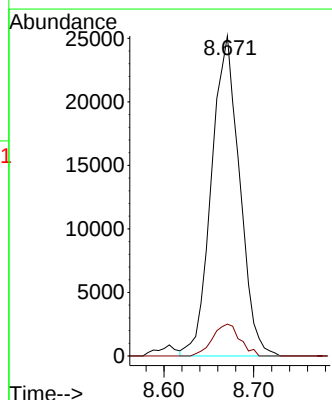
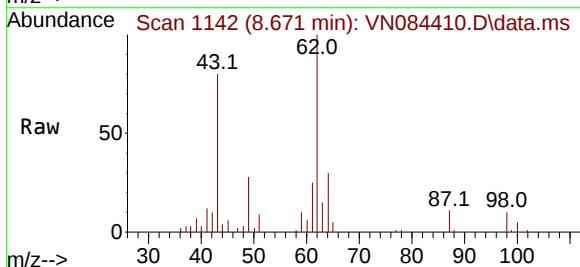
Ion	Ratio	Lower	Upper
41	100		
39	45.6	26.4	79.0
67	64.7	35.7	107.1
52	28.9	14.5	43.5



#36
1,2-Dichloroethane
Concen: 18.443 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion: 62 Resp: 54828

Ion	Ratio	Lower	Upper
62	100		
98	9.7	7.3	10.9





#37

Trichloroethene

Concen: 18.817 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084410.D

Acq: 14 Oct 2024 16:06

Instrument :

MSVOA_N

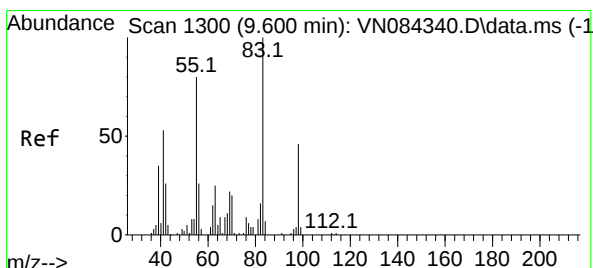
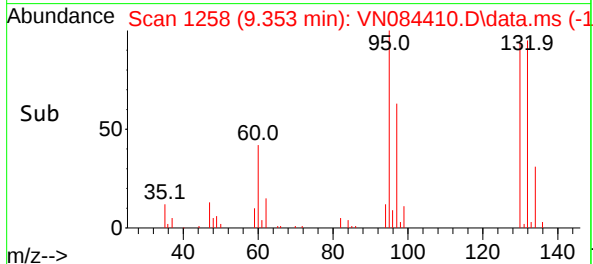
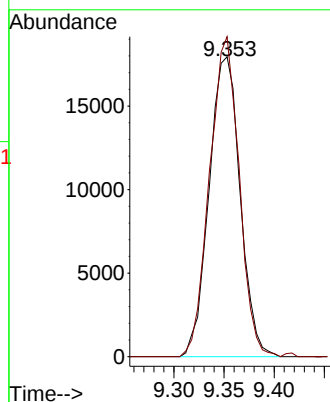
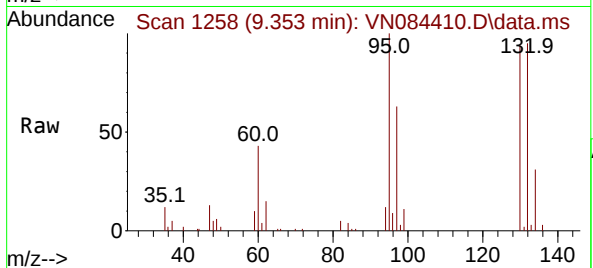
ClientSampleId :

Tgt Ion:130 Resp: 38644

Ion Ratio Lower Upper

130 100

95 106.7 85.8 128.6



#38

Methylcyclohexane

Concen: 17.373 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN084410.D

Acq: 14 Oct 2024 16:06

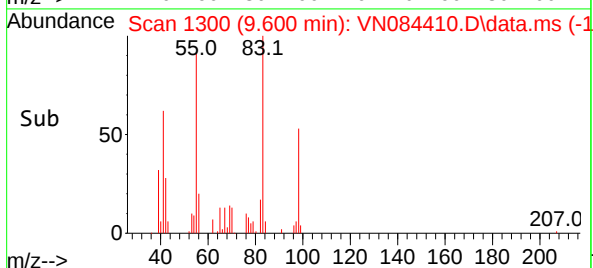
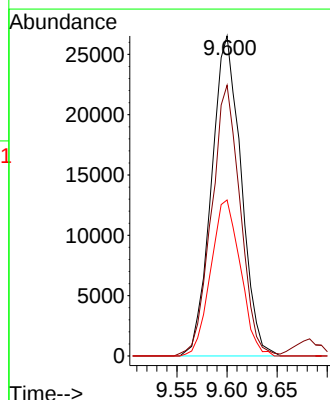
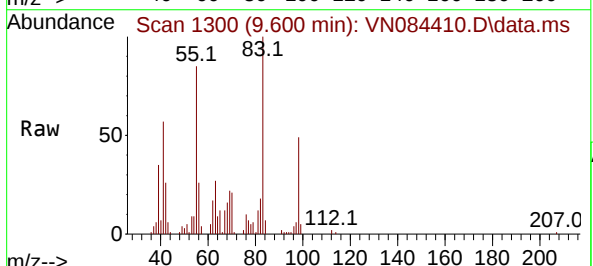
Tgt Ion: 83 Resp: 54370

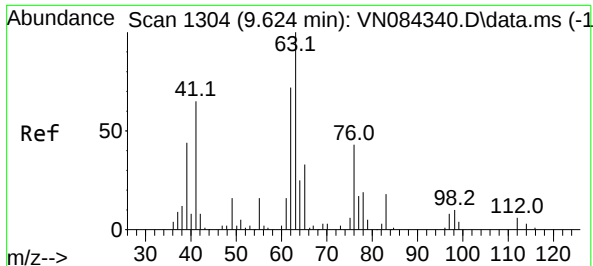
Ion Ratio Lower Upper

83 100

55 82.1 39.3 117.8

98 48.8 24.0 72.0

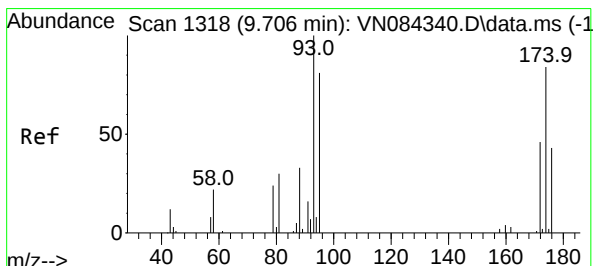
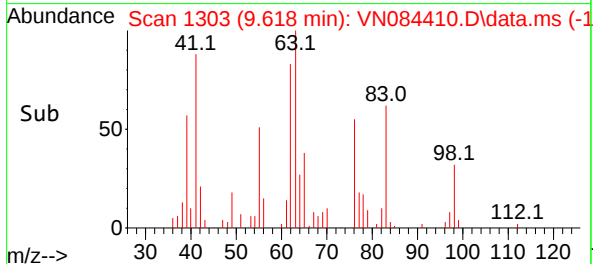
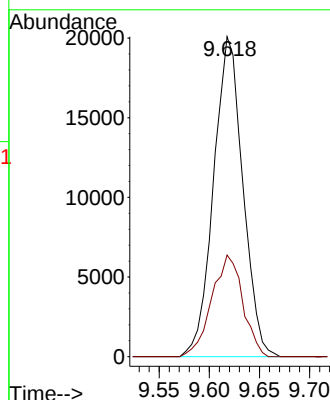
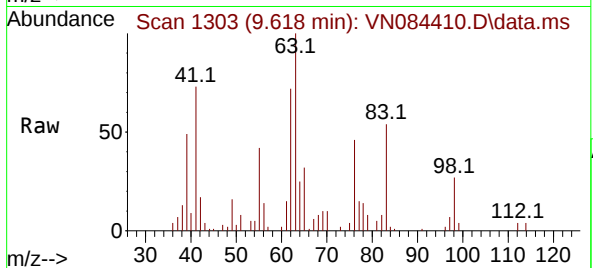




#39
1,2-Dichloropropane
Concen: 18.713 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

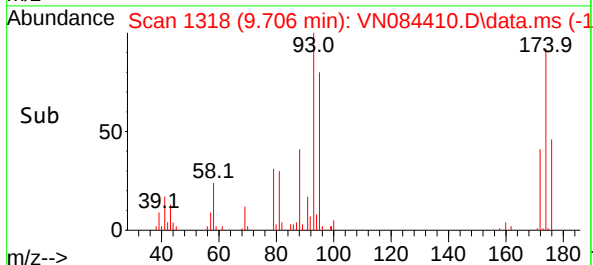
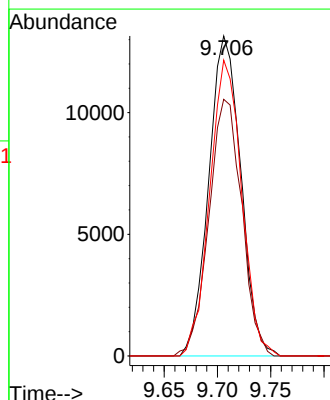
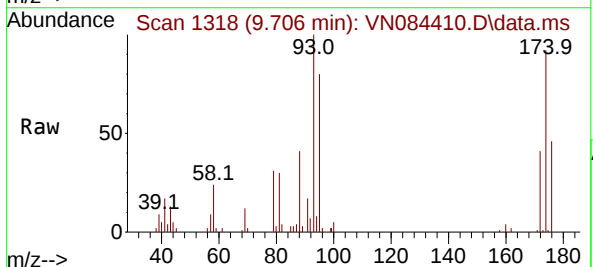
Instrument :
MSVOA_N
ClientSampleId :

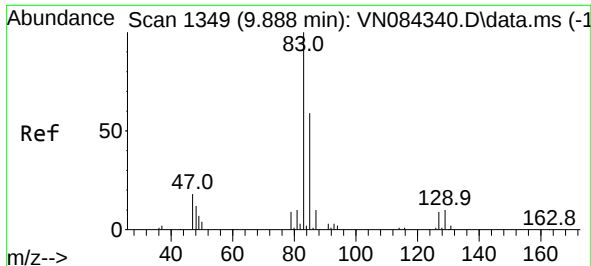
Tgt Ion: 63 Resp: 40699
Ion Ratio Lower Upper
63 100
65 31.7 26.3 39.5



#40
Dibromomethane
Concen: 18.107 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion: 93 Resp: 27523
Ion Ratio Lower Upper
93 100
95 81.9 0.0 171.4
174 91.9 0.0 183.0

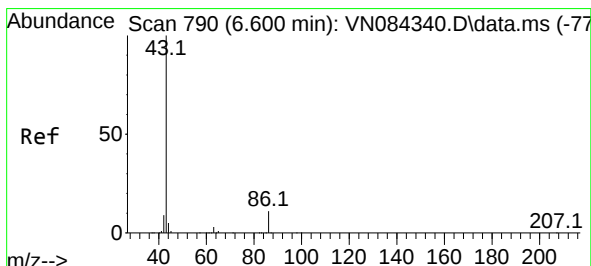
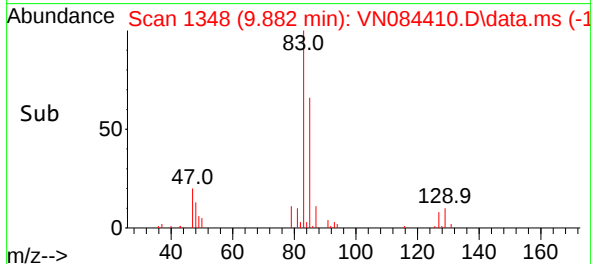
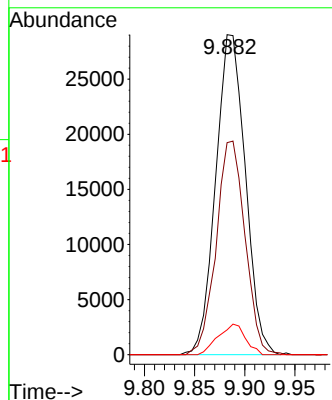
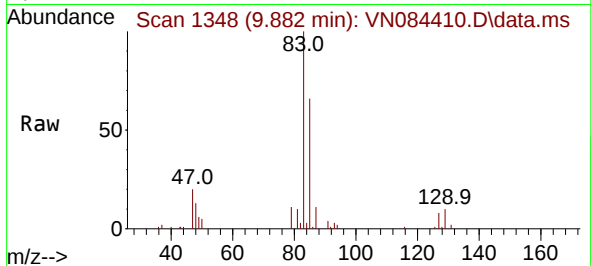




#41
Bromodichloromethane
Concen: 18.490 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

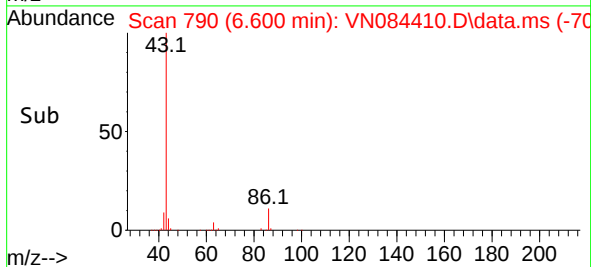
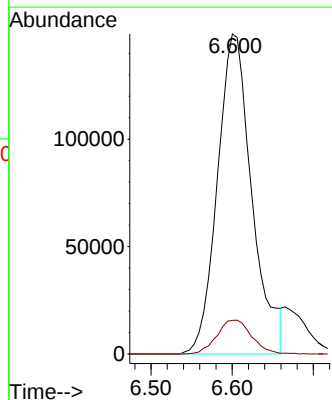
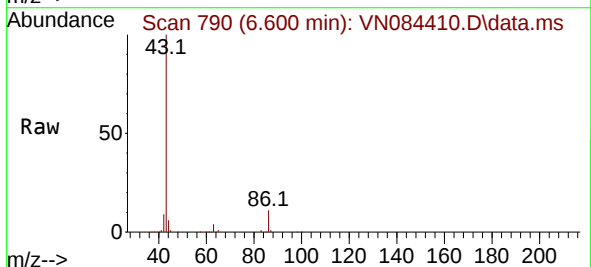
Instrument :
MSVOA_N
ClientSampleId :

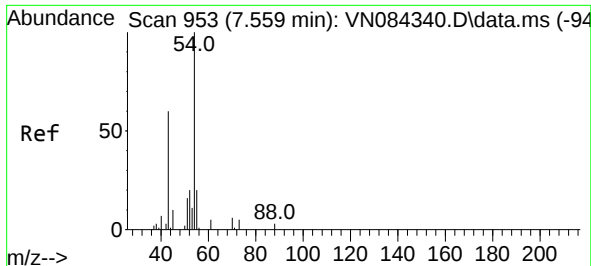
Tgt Ion: 83 Resp: 59665
Ion Ratio Lower Upper
83 100
85 66.3 47.1 70.7
127 7.7 7.1 10.7



#42
Vinyl Acetate
Concen: 83.286 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion: 43 Resp: 439405
Ion Ratio Lower Upper
43 100
86 10.6 8.5 12.7

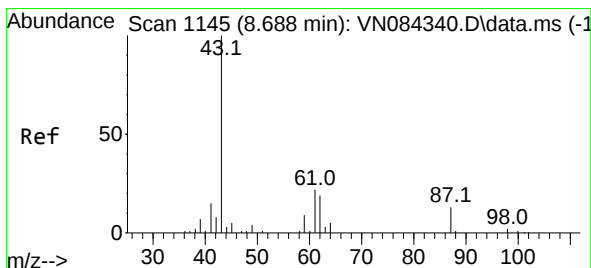
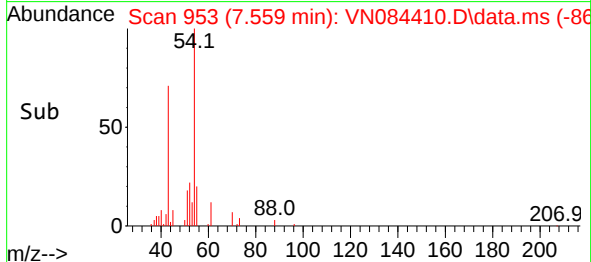
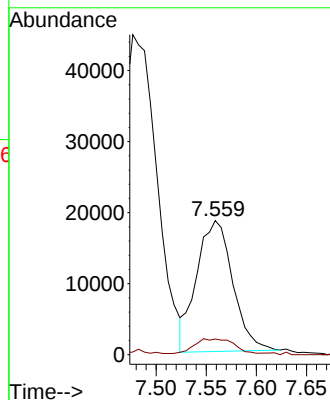
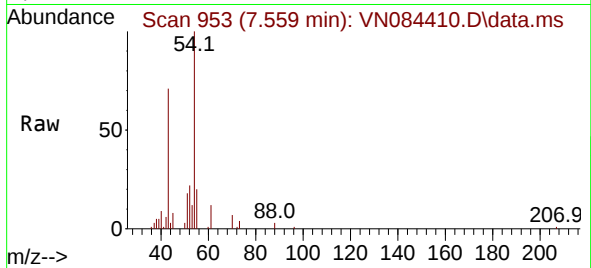




#43
Ethyl Acetate
Concen: 15.442 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

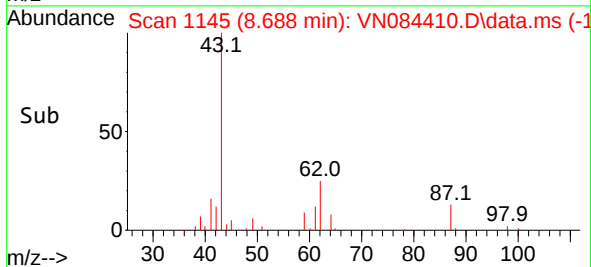
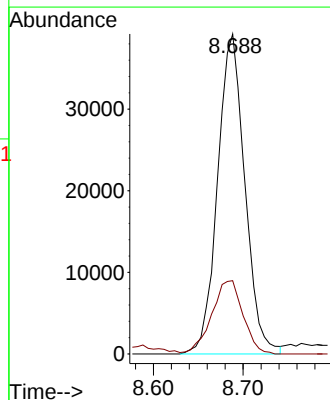
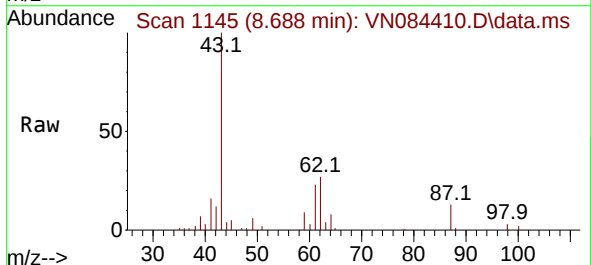
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 46198
Ion Ratio Lower Upper
43 100
45 5.3 10.6 16.0#



#44
Isopropyl Acetate
Concen: 16.905 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion: 43 Resp: 82777
Ion Ratio Lower Upper
43 100
61 26.3 21.4 32.2





#45

1,4-Dioxane

Concen: 322.753 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084410.D

Acq: 14 Oct 2024 16:06

Instrument :

MSVOA_N

ClientSampleId :

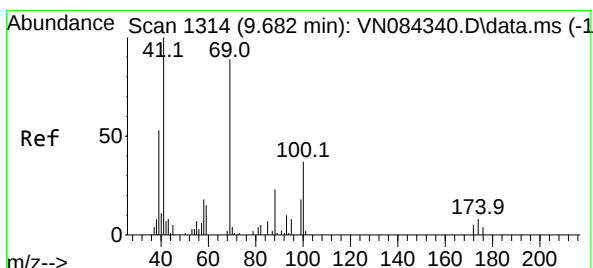
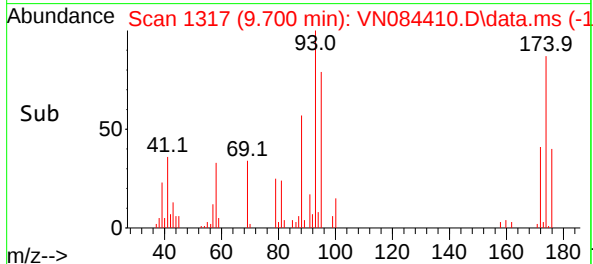
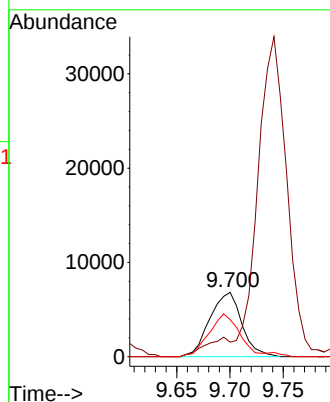
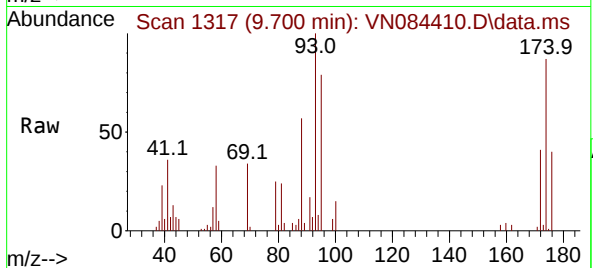
Tgt Ion: 88 Resp: 14247

Ion Ratio Lower Upper

88 100

43 23.3 22.4 33.6

58 63.3 59.7 89.5



#46

Methyl methacrylate

Concen: 15.523 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN084410.D

Acq: 14 Oct 2024 16:06

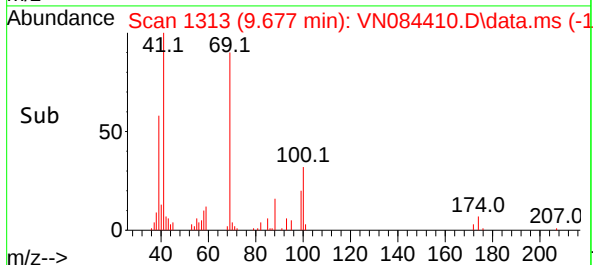
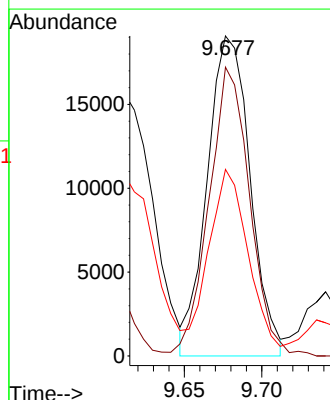
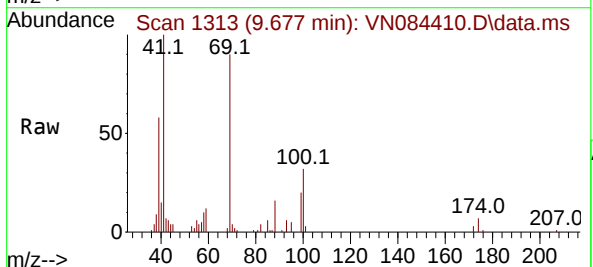
Tgt Ion: 41 Resp: 36727

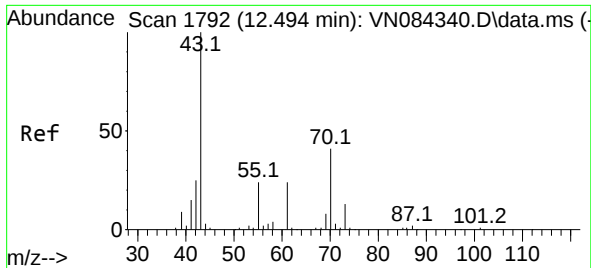
Ion Ratio Lower Upper

41 100

69 91.2 42.6 128.0

39 58.3 27.5 82.4

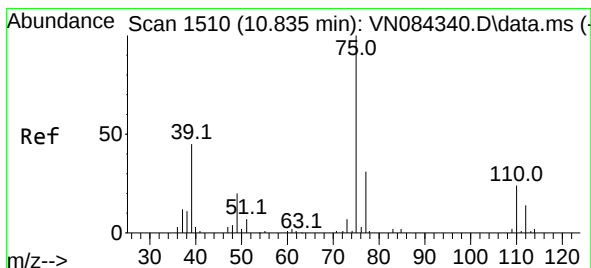
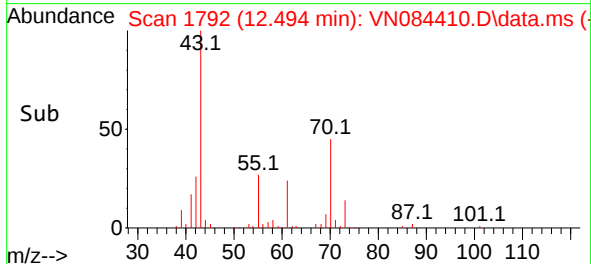
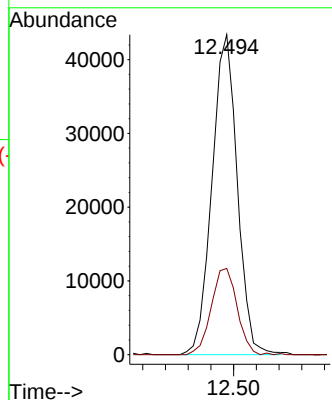
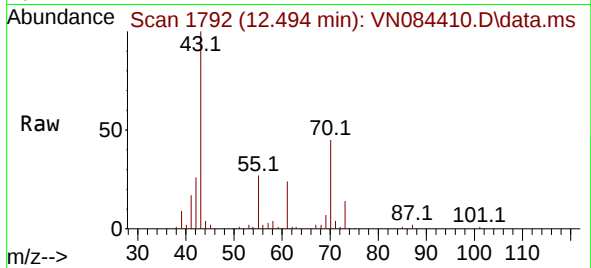




#47
n-amyl acetate
Concen: 15.396 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

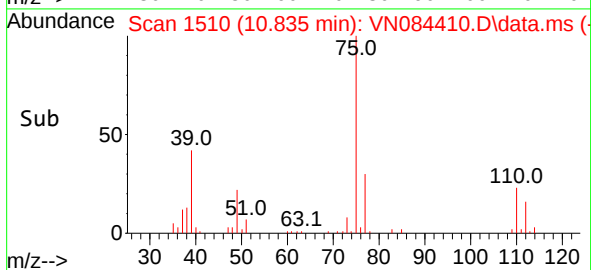
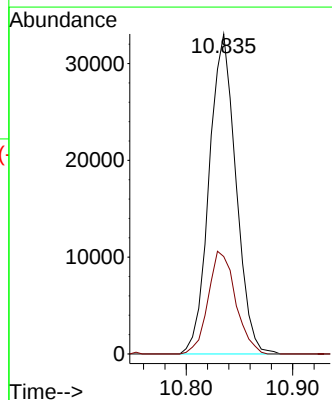
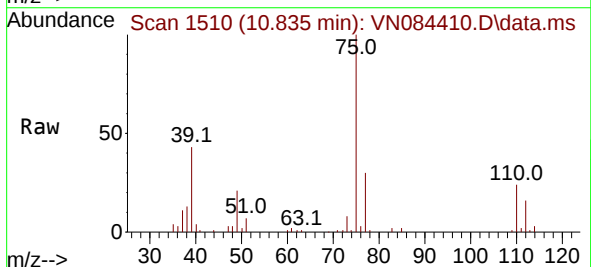
Instrument :
MSVOA_N
ClientSampleId :

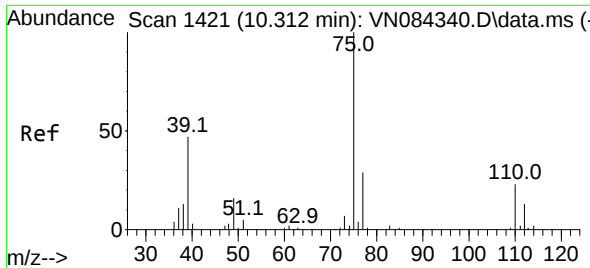
Tgt Ion:	43	Resp:	67058
Ion Ratio	Lower	Upper	
43	100		
55	27.4	20.6	31.0



#48
t-1,3-Dichloropropene
Concen: 17.293 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion:	75	Resp:	57664
Ion Ratio	Lower	Upper	
75	100		
77	30.5	24.6	37.0

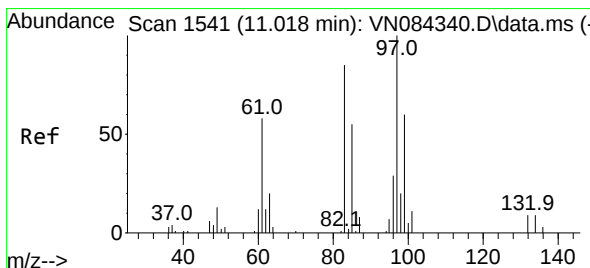
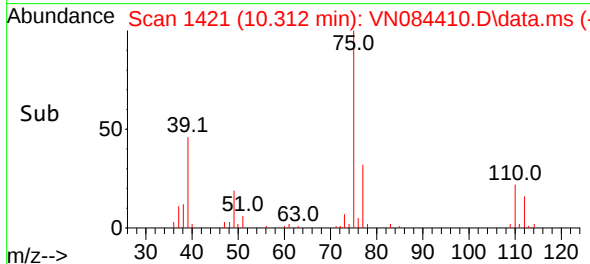
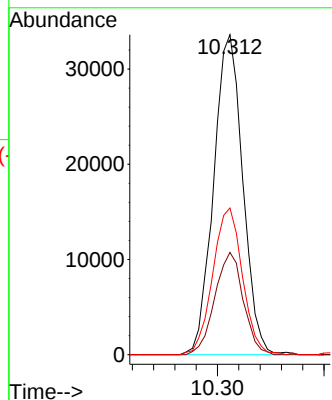
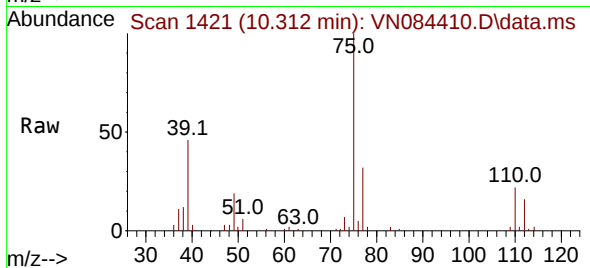




#49
cis-1,3-Dichloropropene
Concen: 18.247 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

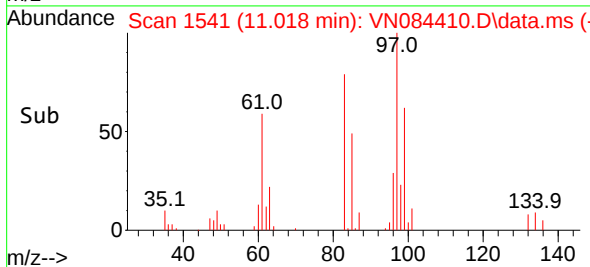
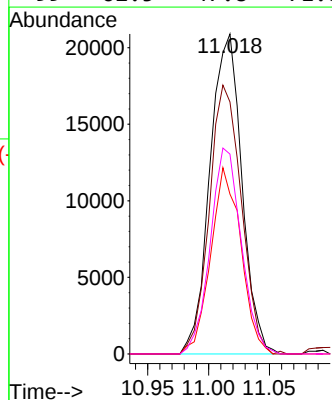
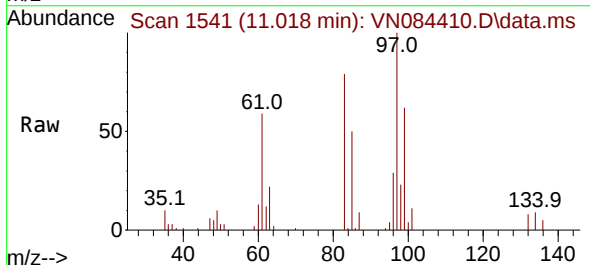
Instrument :
MSVOA_N
ClientSampleId :

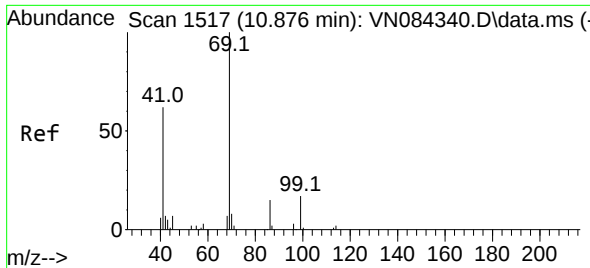
Tgt Ion: 75 Resp: 63766
Ion Ratio Lower Upper
75 100
77 32.0 22.9 34.3
39 45.8 37.4 56.2



#50
1,1,2-Trichloroethane
Concen: 18.655 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion: 97 Resp: 38114
Ion Ratio Lower Upper
97 100
83 78.8 67.8 101.8
85 49.9 44.2 66.2
99 62.5 47.8 71.8

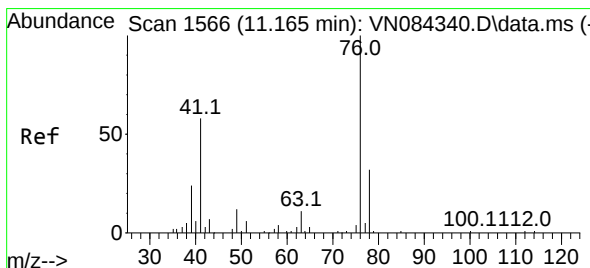
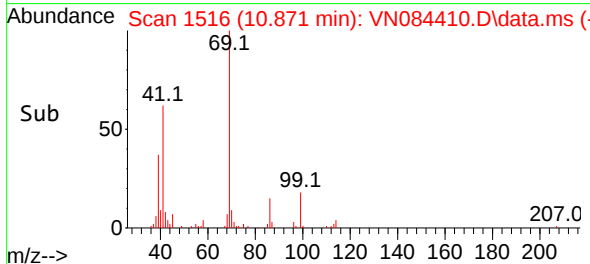
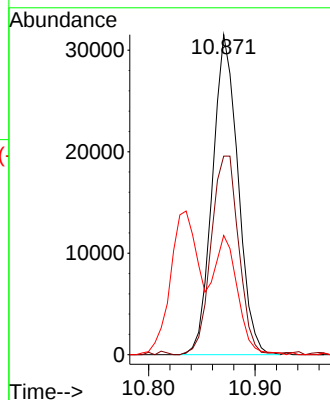
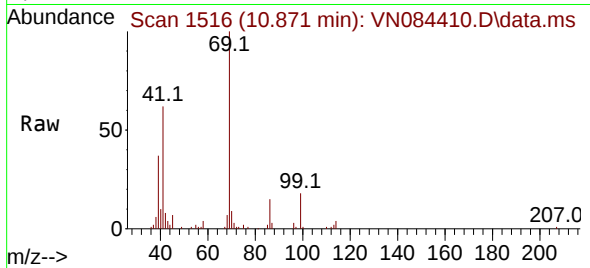




#51
Ethyl methacrylate
Concen: 15.573 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

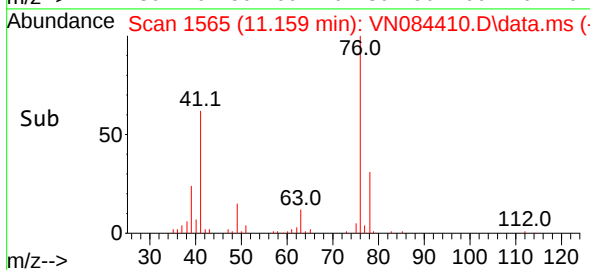
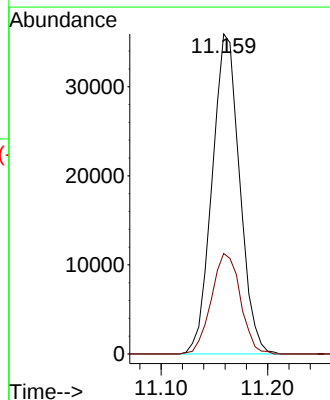
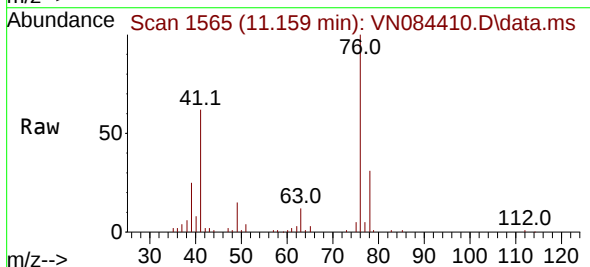
Instrument :
MSVOA_N
ClientSampleId :

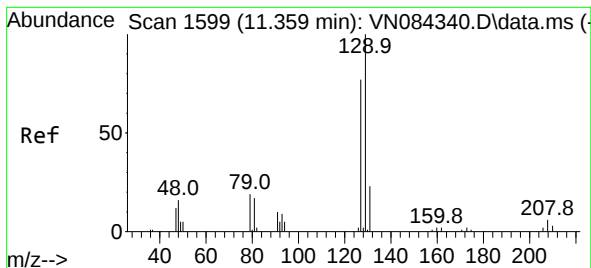
Tgt Ion: 69 Resp: 52556
Ion Ratio Lower Upper
69 100
41 62.0 30.9 92.7
39 36.7 16.6 49.7



#52
1,3-Dichloropropane
Concen: 18.037 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion: 76 Resp: 64436
Ion Ratio Lower Upper
76 100
78 33.1 0.0 64.2





#53

Dibromochloromethane

Concen: 18.067 ug/l

RT: 11.359 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084410.D

Acq: 14 Oct 2024 16:06

Instrument :

MSVOA_N

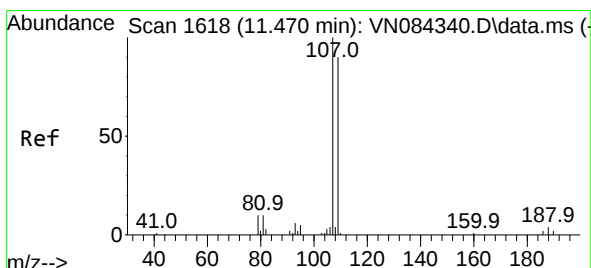
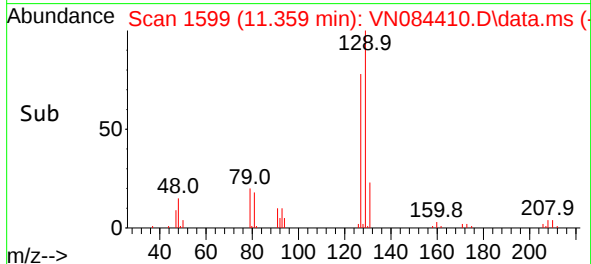
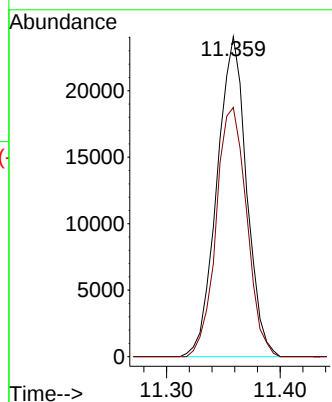
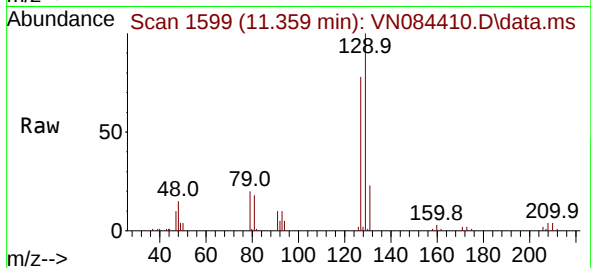
ClientSampleId :

Tgt Ion:129 Resp: 43606

Ion Ratio Lower Upper

129 100

127 80.3 38.5 115.5



#54

1,2-Dibromoethane

Concen: 16.936 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. -0.006 min

Lab File: VN084410.D

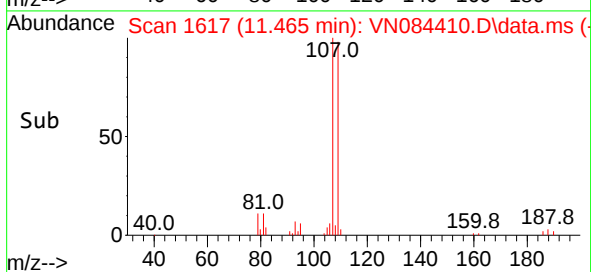
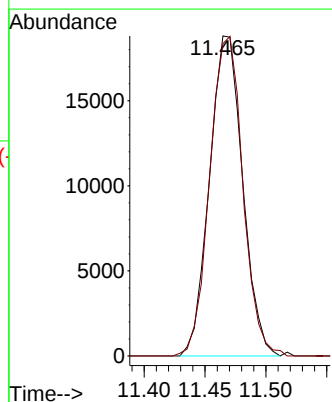
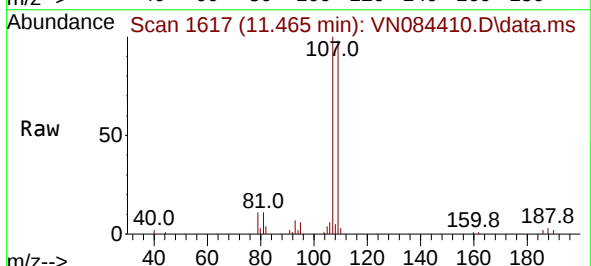
Acq: 14 Oct 2024 16:06

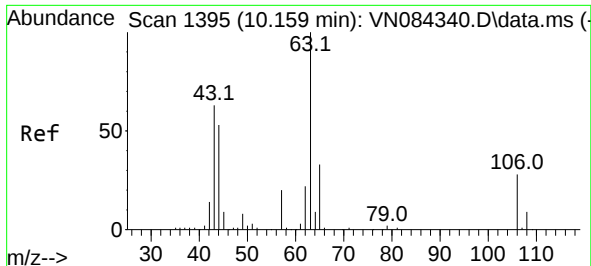
Tgt Ion:107 Resp: 35617

Ion Ratio Lower Upper

107 100

109 99.6 73.8 110.6

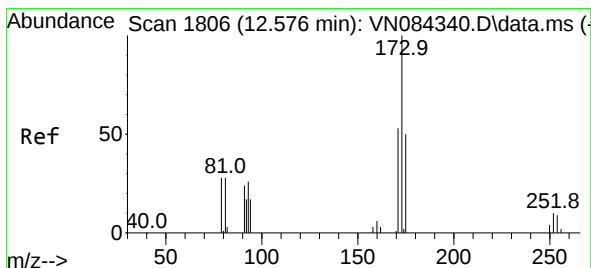
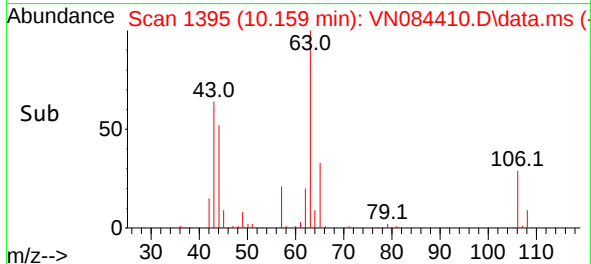
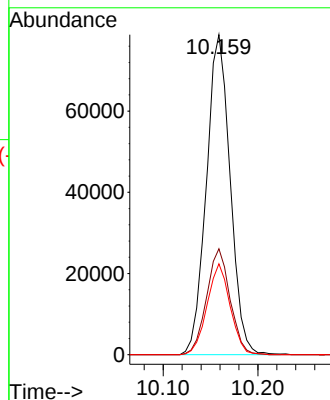
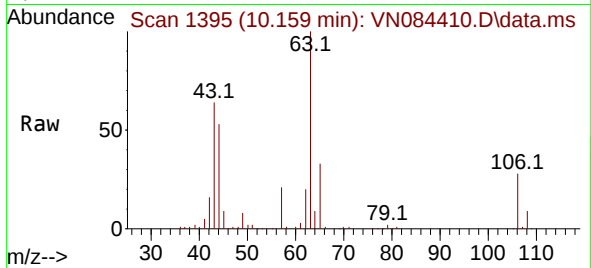




#55
2-Chloroethyl vinyl ether
Concen: 89.882 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

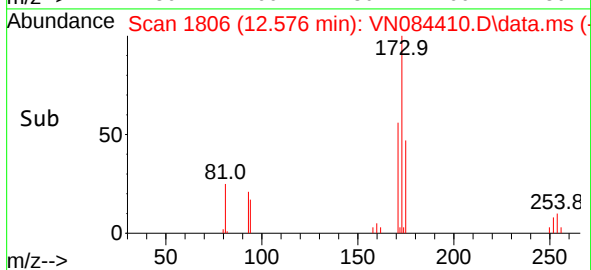
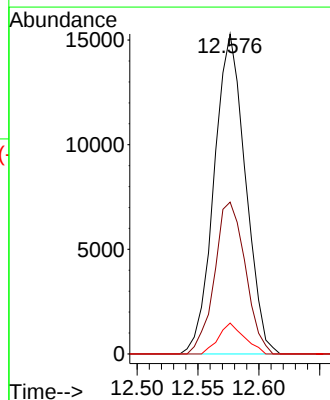
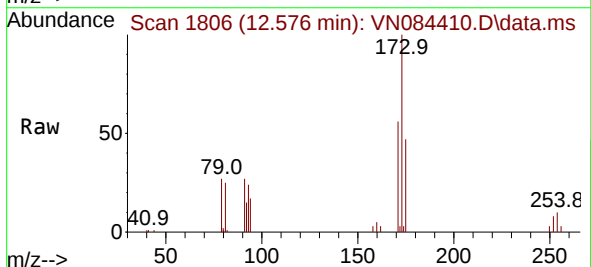
Instrument :
MSVOA_N
ClientSampleId :

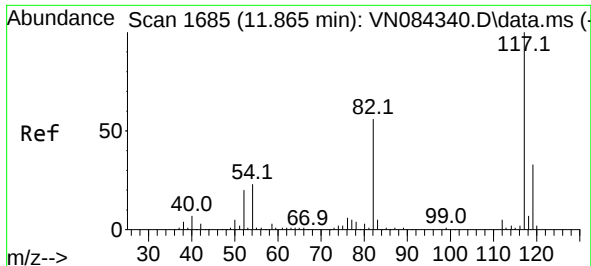
Tgt Ion: 63 Resp: 137575
Ion Ratio Lower Upper
63 100
65 32.6 25.6 38.4
106 27.5 21.6 32.4



#56
Bromoform
Concen: 17.098 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion:173 Resp: 27370
Ion Ratio Lower Upper
173 100
175 46.6 39.4 59.2
254 8.0 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: VN084410.D

Acq: 14 Oct 2024 16:06

Instrument :

MSVOA_N

ClientSampleId :

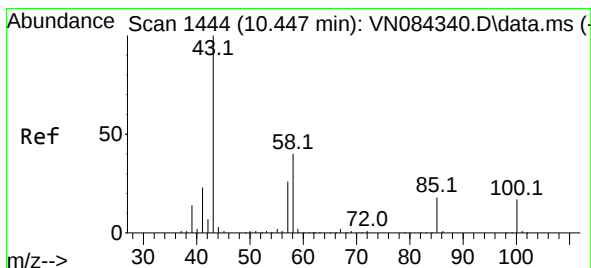
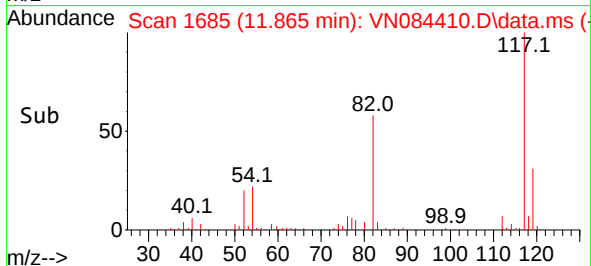
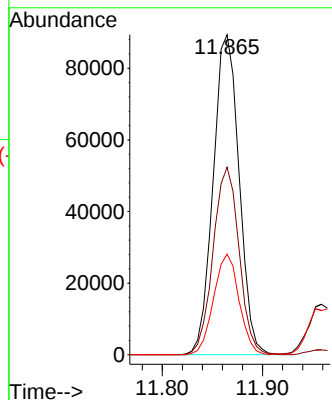
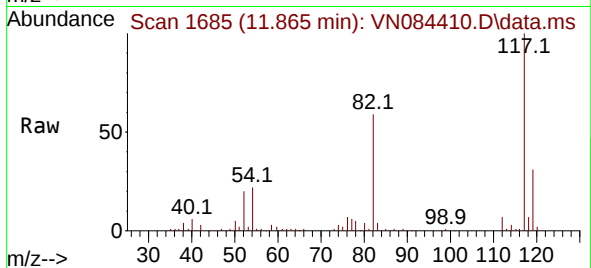
Tgt Ion:117 Resp: 160566

Ion Ratio Lower Upper

117 100

82 58.6 46.2 69.4

119 30.9 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 79.259 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.006 min

Lab File: VN084410.D

Acq: 14 Oct 2024 16:06

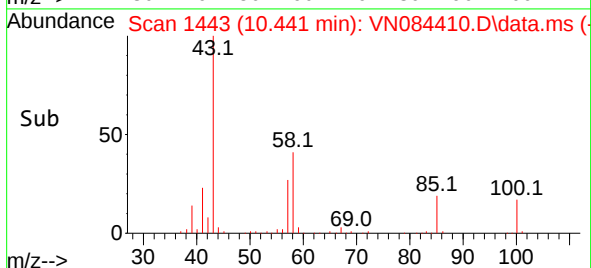
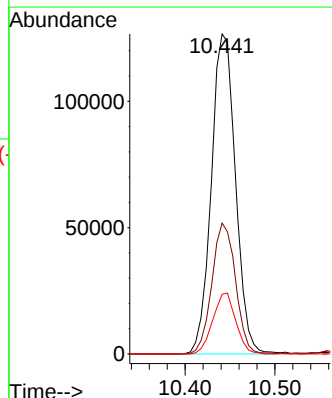
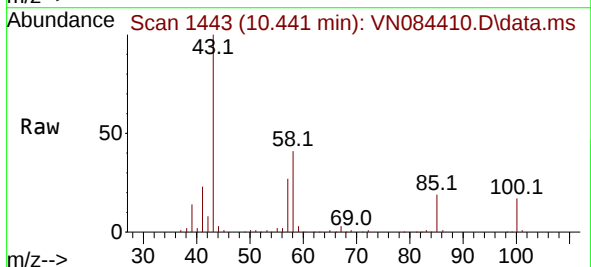
Tgt Ion: 43 Resp: 237071

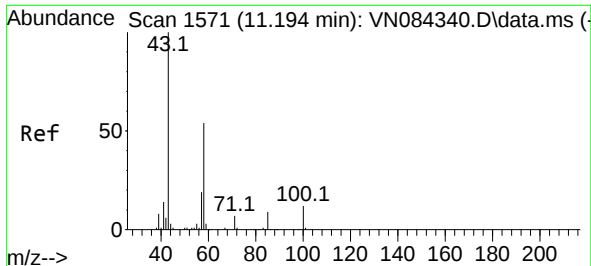
Ion Ratio Lower Upper

43 100

58 40.0 31.9 47.9

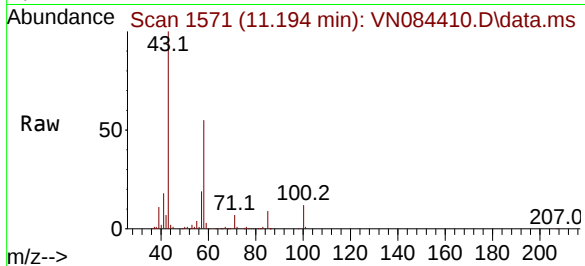
85 18.1 14.6 22.0



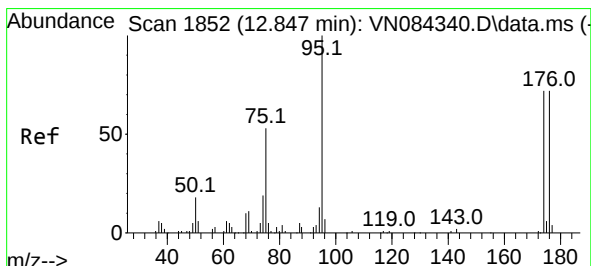
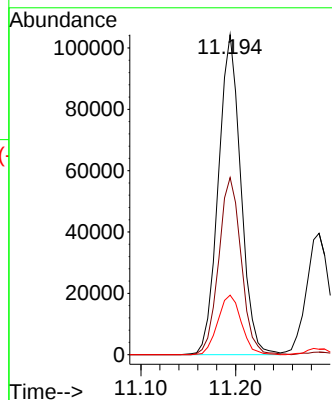
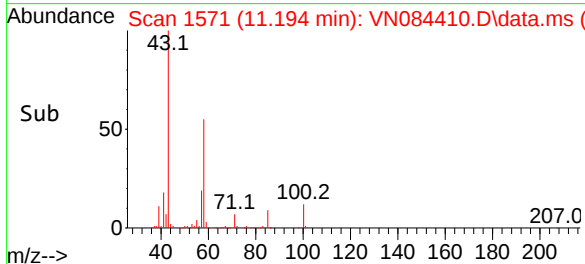


#59
2-Hexanone
Concen: 77.446 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Instrument :
MSVOA_N
ClientSampleId :

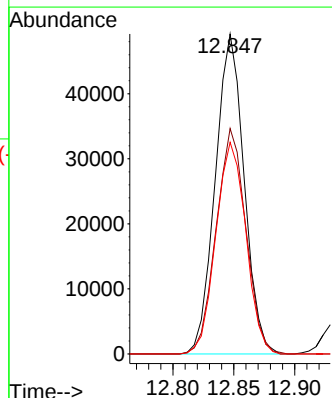
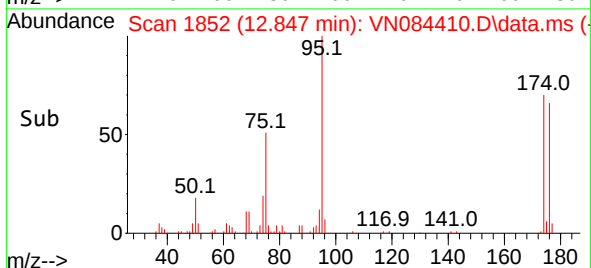
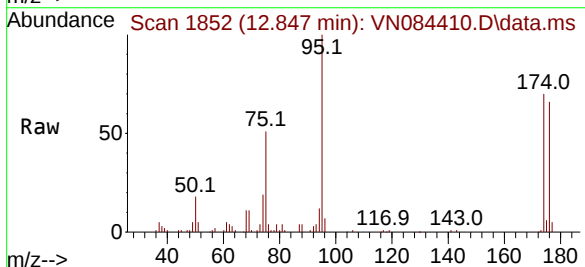


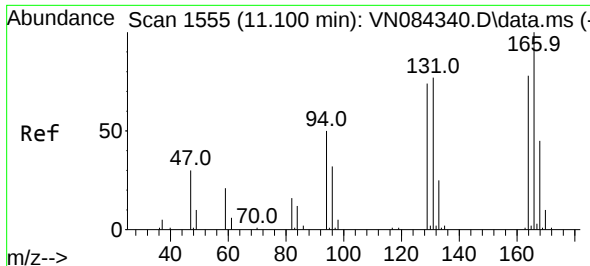
Tgt Ion: 43 Resp: 172132
Ion Ratio Lower Upper
43 100
58 55.3 44.0 66.0
57 19.5 15.4 23.2



#60
4-Bromofluorobenzene
Concen: 30.520 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

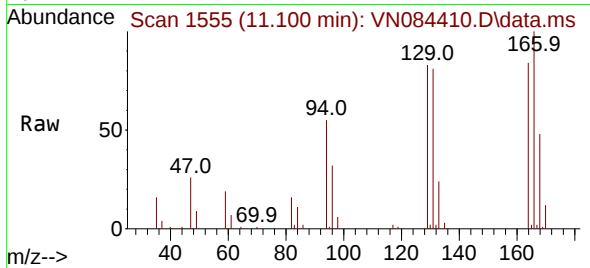
Tgt Ion: 95 Resp: 80877
Ion Ratio Lower Upper
95 100
174 72.8 58.2 87.2
176 68.9 56.4 84.6



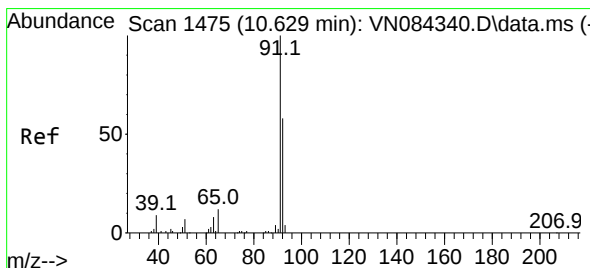
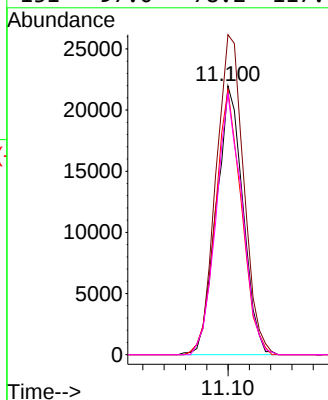
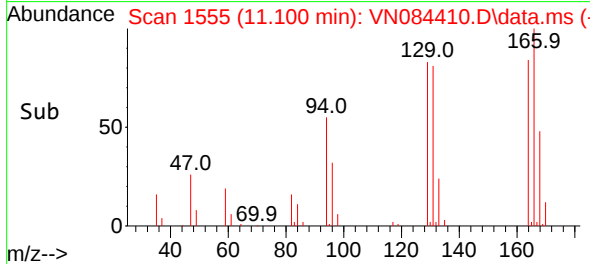


#61
Tetrachloroethene
Concen: 21.015 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

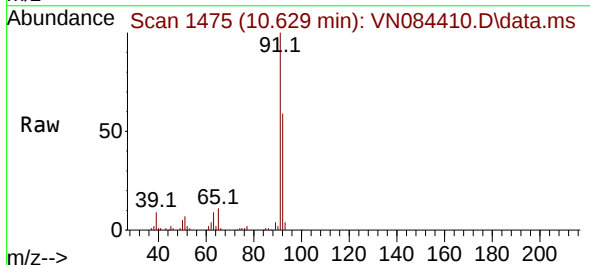
Instrument :
MSVOA_N
ClientSampleId :



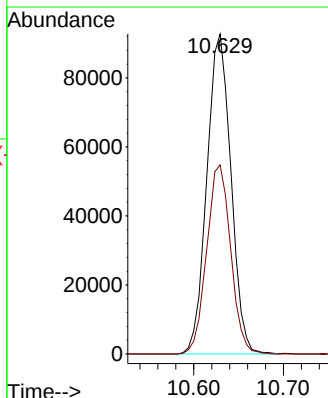
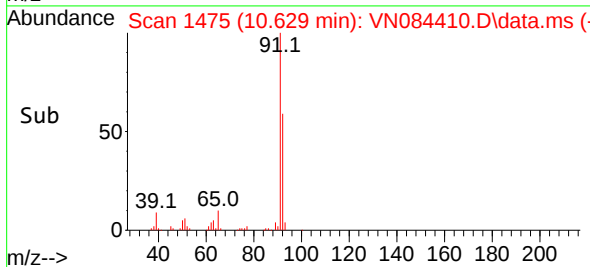
Tgt Ion:164 Resp: 38168
Ion Ratio Lower Upper
164 100
166 119.1 102.5 153.7
129 98.6 75.7 113.5
131 97.0 78.2 117.4

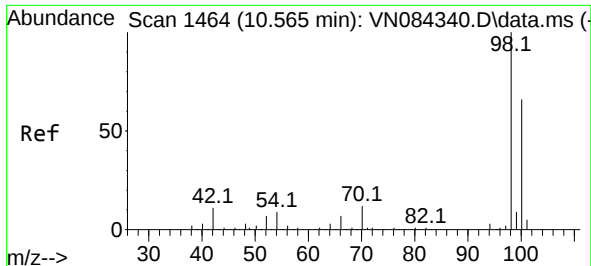


#62
Toluene
Concen: 18.409 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06



Tgt Ion: 91 Resp: 173041
Ion Ratio Lower Upper
91 100
92 58.8 47.2 70.8

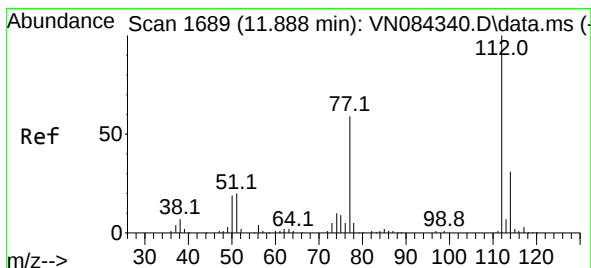
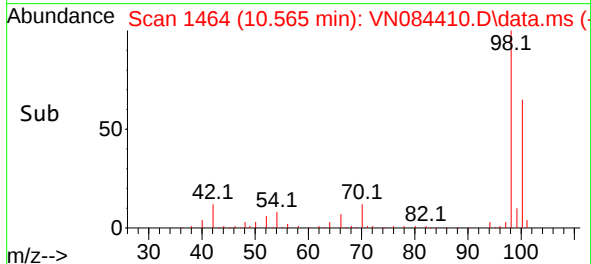
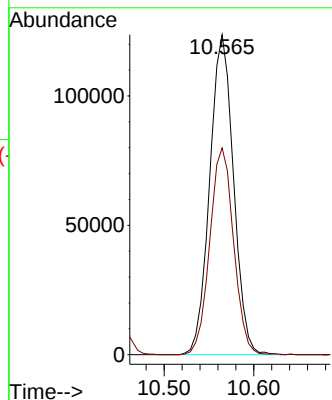
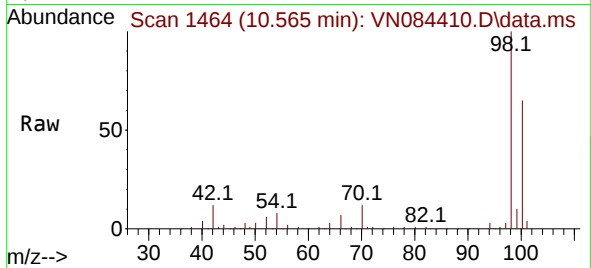




#63
Toluene-d8
Concen: 30.595 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

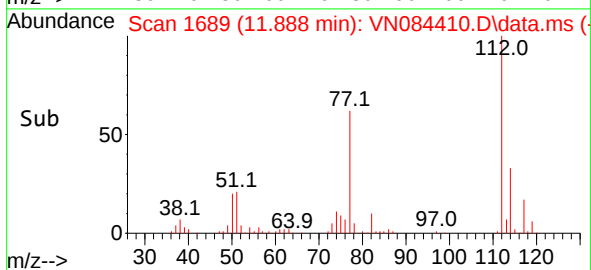
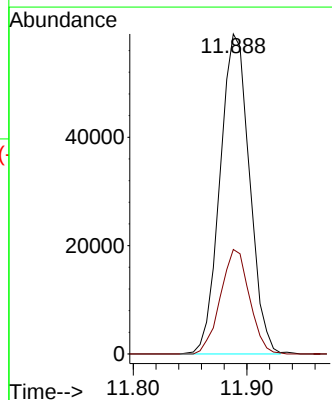
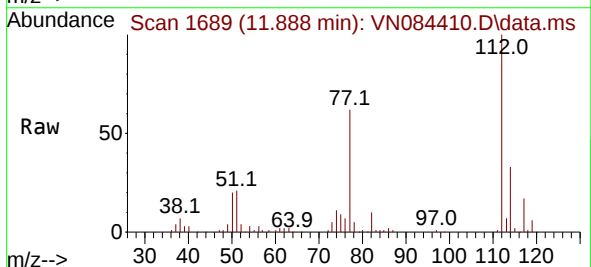
Instrument :
MSVOA_N
ClientSampleId :

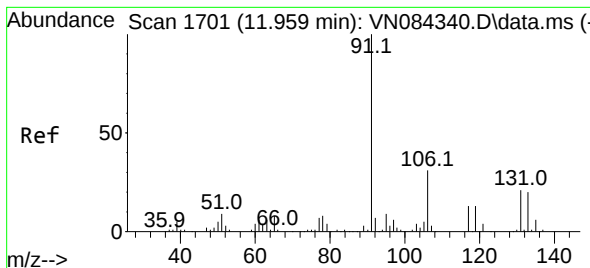
Tgt Ion: 98 Resp: 227582
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7



#64
Chlorobenzene
Concen: 18.211 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion: 112 Resp: 106524
Ion Ratio Lower Upper
112 100
114 32.7 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 18.937 ug/l

RT: 11.959 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084410.D

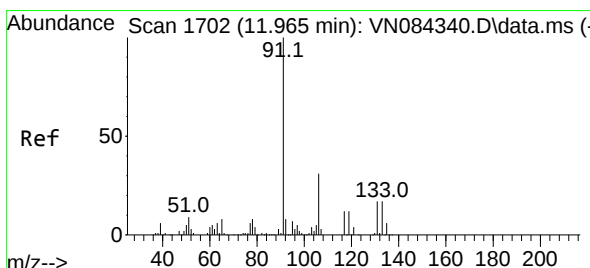
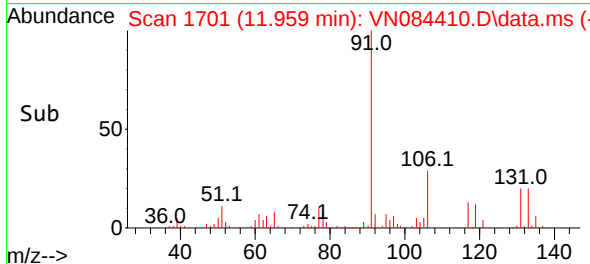
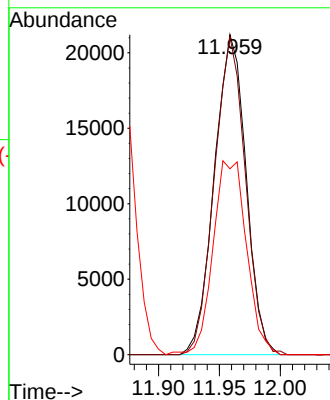
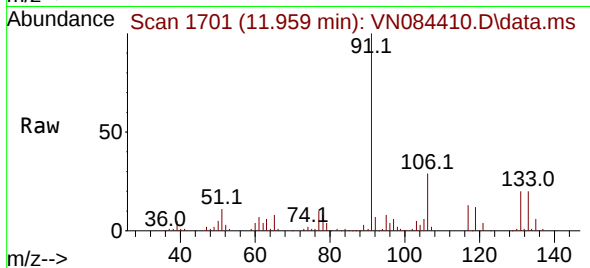
Acq: 14 Oct 2024 16:06

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:131	Resp:	38483
Ion Ratio	Lower	Upper
131	100	
133	97.1	0.0 190.4
119	63.5	0.0 130.0



#66

Ethyl Benzene

Concen: 17.639 ug/l

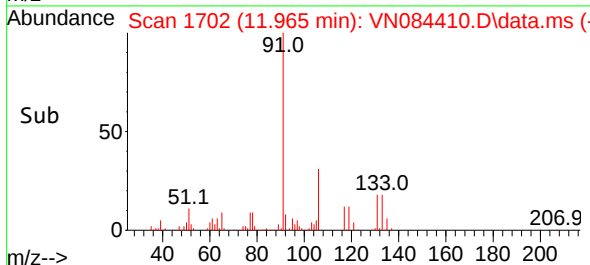
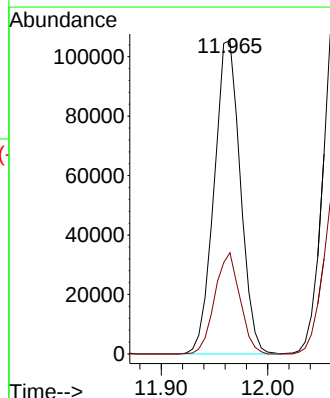
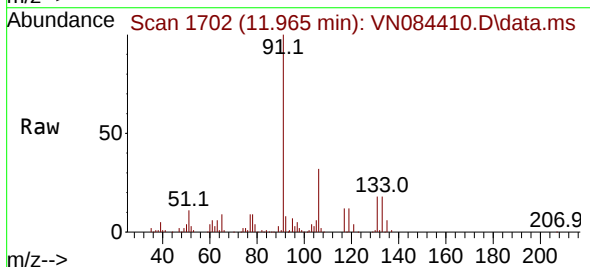
RT: 11.965 min Scan# 1702

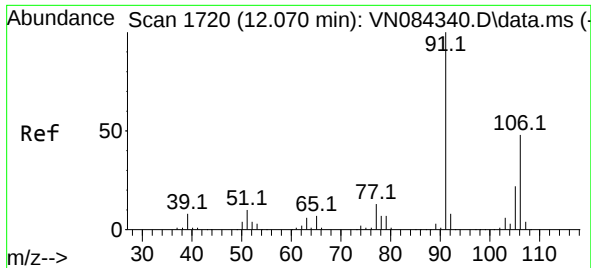
Delta R.T. -0.000 min

Lab File: VN084410.D

Acq: 14 Oct 2024 16:06

Tgt Ion: 91	Resp:	180142
Ion Ratio	Lower	Upper
91	100	
106	32.3	25.2 37.8

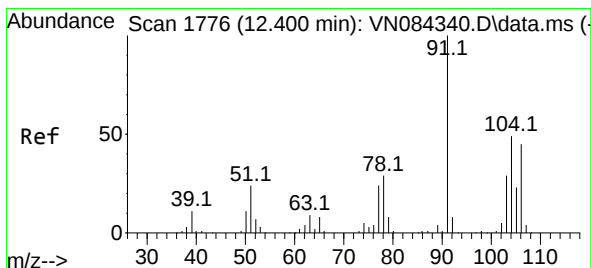
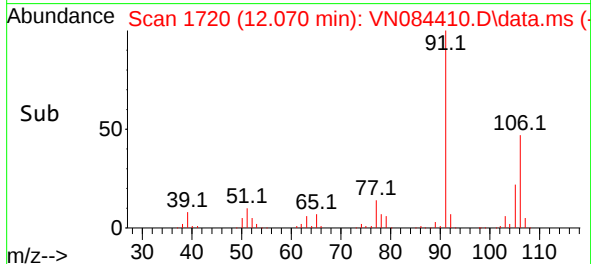
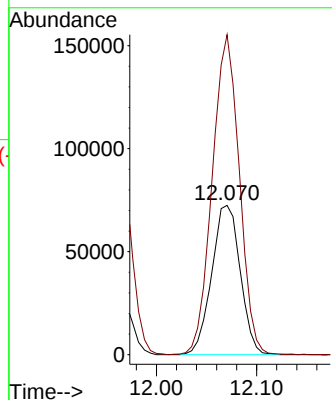
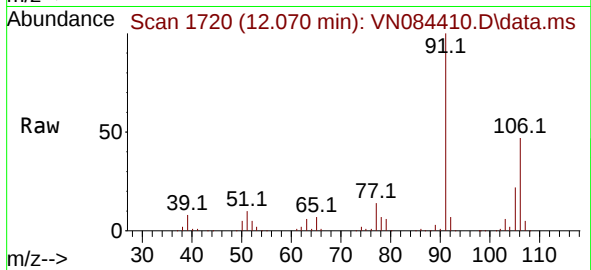




#67
m/p-Xylenes
Concen: 36.977 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

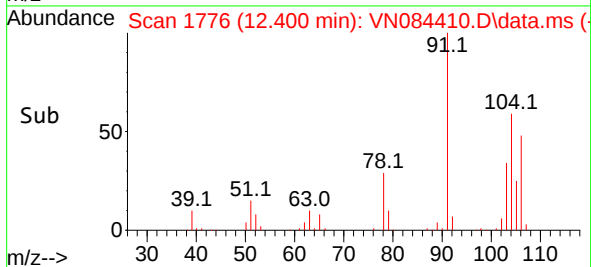
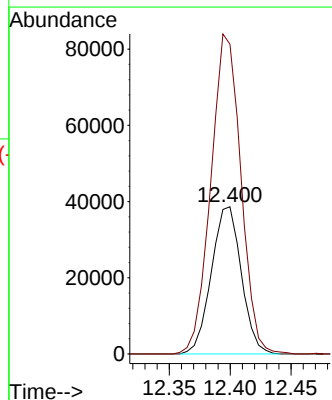
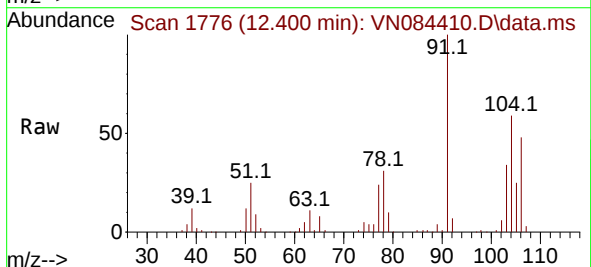
Instrument :
MSVOA_N
ClientSampleId :

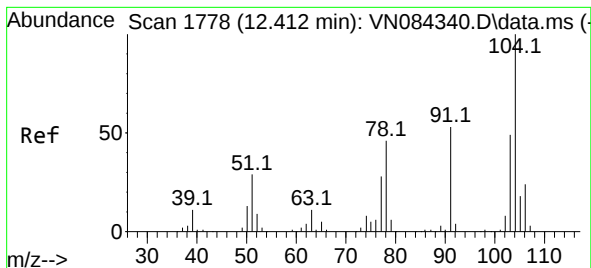
Tgt Ion:106 Resp: 143254
Ion Ratio Lower Upper
106 100
91 203.8 166.7 250.1



#68
o-Xylene
Concen: 17.741 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion:106 Resp: 66248
Ion Ratio Lower Upper
106 100
91 217.8 110.9 332.9





#69

Styrene

Concen: 17.523 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084410.D

Acq: 14 Oct 2024 16:06

Instrument :

MSVOA_N

ClientSampleId :

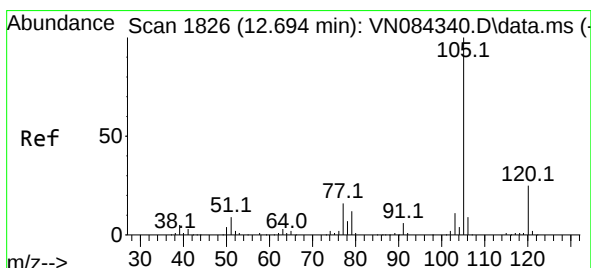
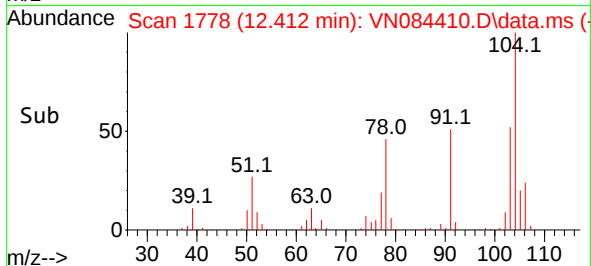
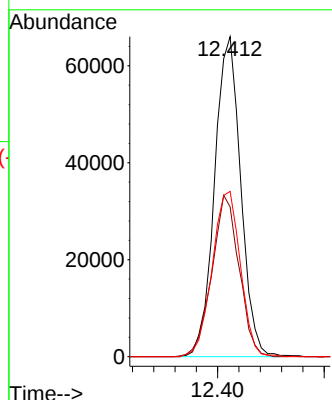
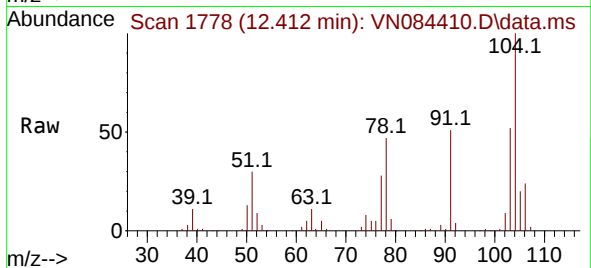
Tgt Ion:104 Resp: 112332

Ion Ratio Lower Upper

104 100

78 52.4 41.6 62.4

103 55.7 44.4 66.6



#70

Isopropylbenzene

Concen: 17.728 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084410.D

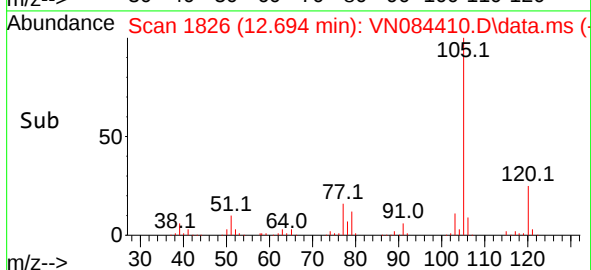
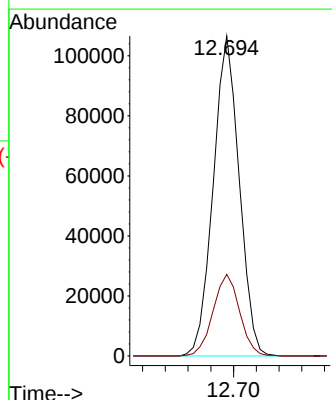
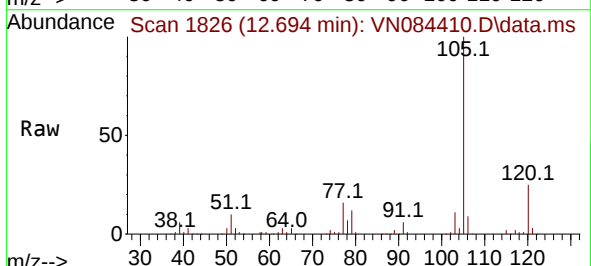
Acq: 14 Oct 2024 16:06

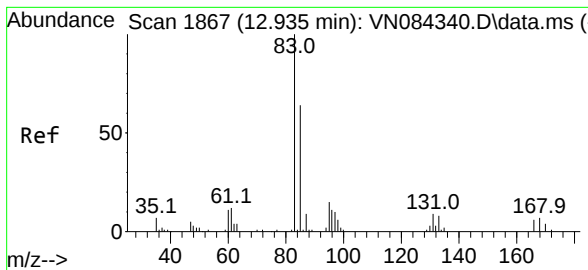
Tgt Ion:105 Resp: 169003

Ion Ratio Lower Upper

105 100

120 26.1 17.4 32.4

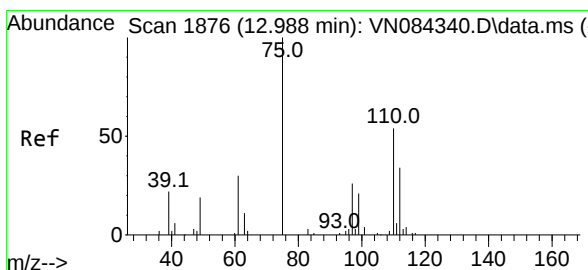
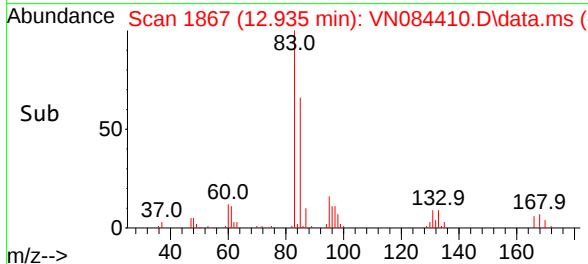
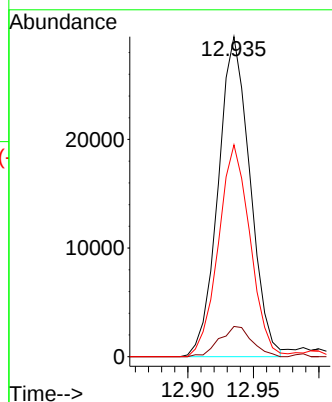
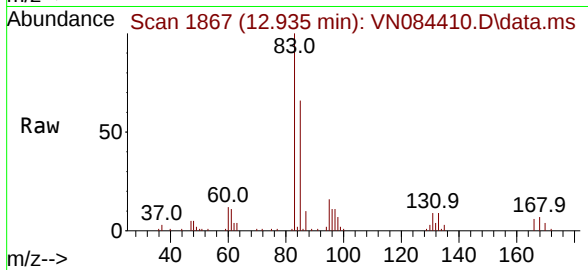




#71
1,1,2,2-Tetrachloroethane
Concen: 16.850 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

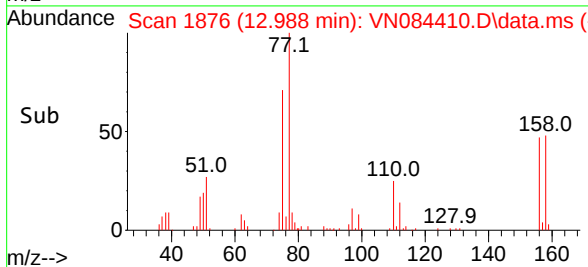
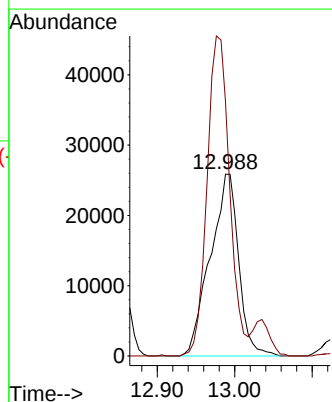
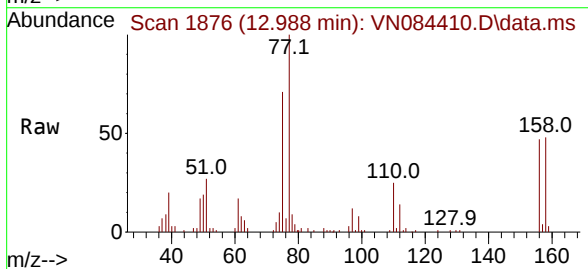
Instrument :
MSVOA_N
ClientSampleId :

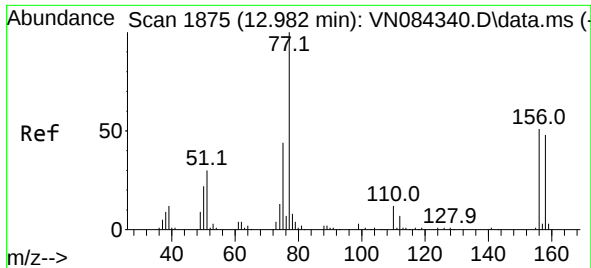
Tgt Ion: 83 Resp: 49693
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 65.9 32.0 96.2



#72
1,2,3-Trichloropropane
Concen: 26.053 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion: 75 Resp: 65801
Ion Ratio Lower Upper
75 100
77 139.8 0.0 414.0

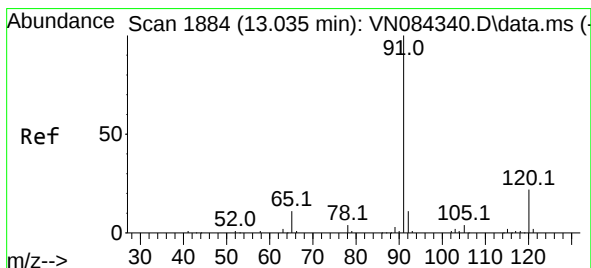
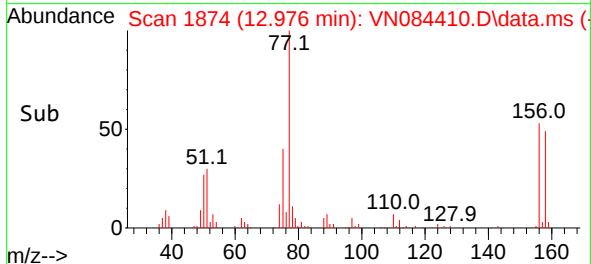
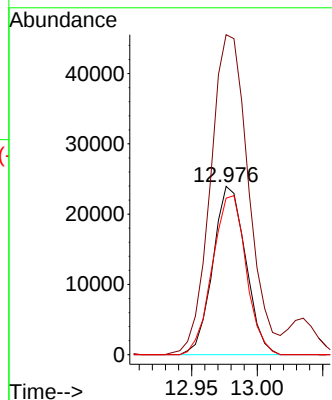
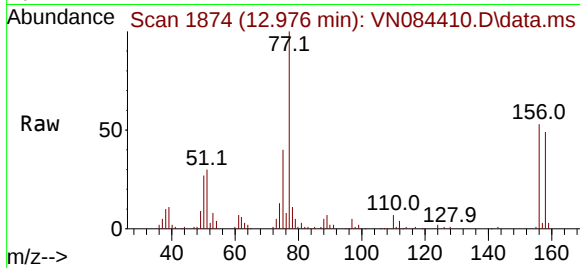




#73
Bromobenzene
Concen: 18.039 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

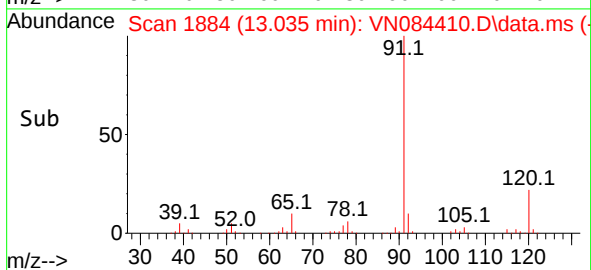
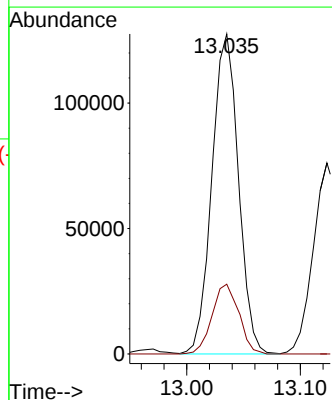
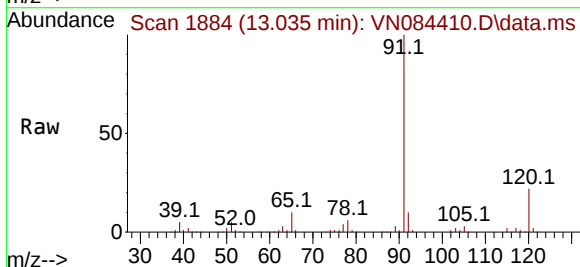
Instrument :
MSVOA_N
ClientSampleId :

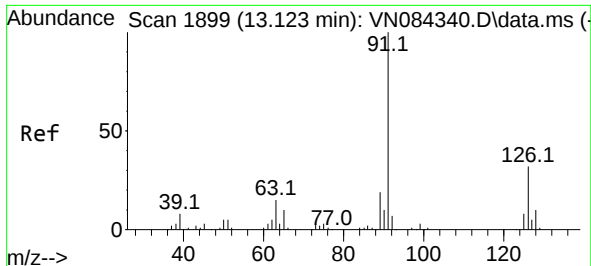
Tgt Ion:156 Resp: 41647
Ion Ratio Lower Upper
156 100
77 220.9 0.0 451.0
158 96.8 0.0 194.6



#74
n-propylbenzene
Concen: 18.230 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion: 91 Resp: 207096
Ion Ratio Lower Upper
91 100
120 22.0 0.0 43.2

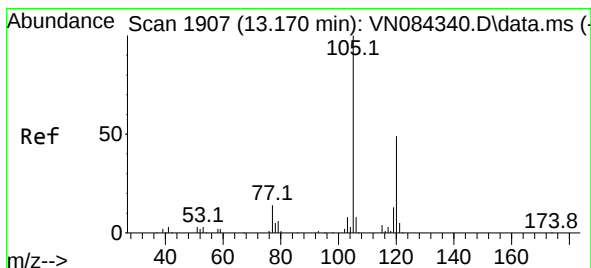
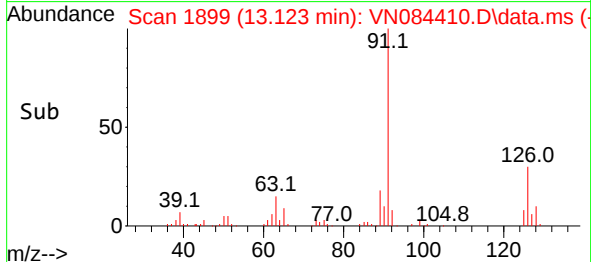
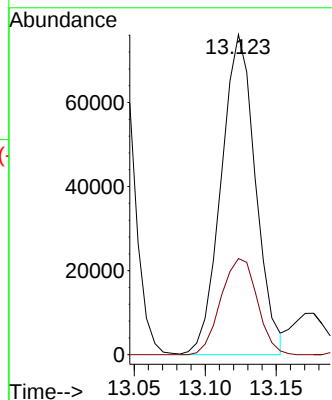
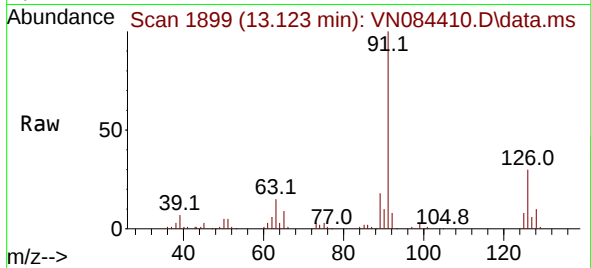




#75
2-Chlorotoluene
Concen: 18.196 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

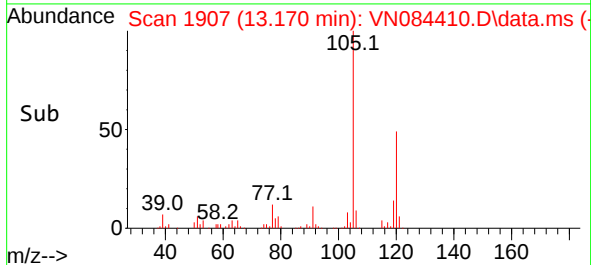
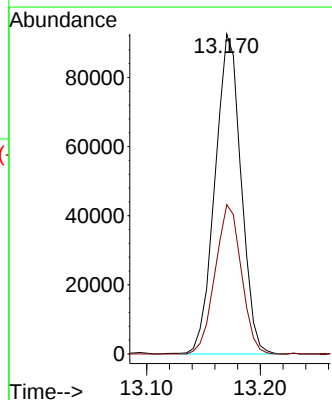
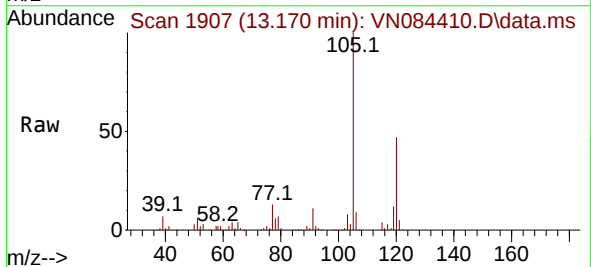
Instrument :
MSVOA_N
ClientSampleId :

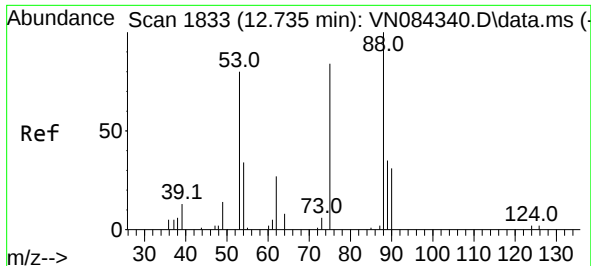
Tgt Ion: 91 Resp: 128447
Ion Ratio Lower Upper
91 100
126 31.6 0.0 64.0



#76
1,3,5-Trimethylbenzene
Concen: 18.371 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion:105 Resp: 147463
Ion Ratio Lower Upper
105 100
120 46.9 0.0 94.4

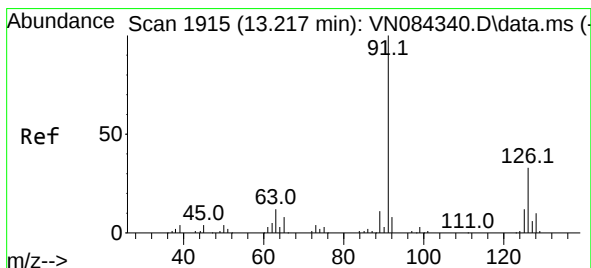
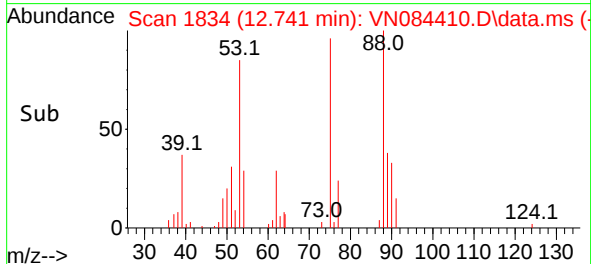
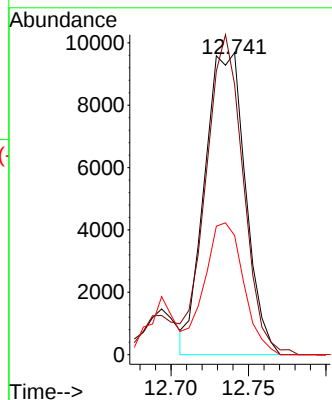
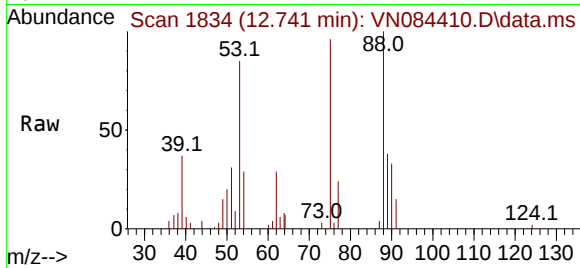




#77
t-1,4-Dichloro-2-butene
Concen: 16.402 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

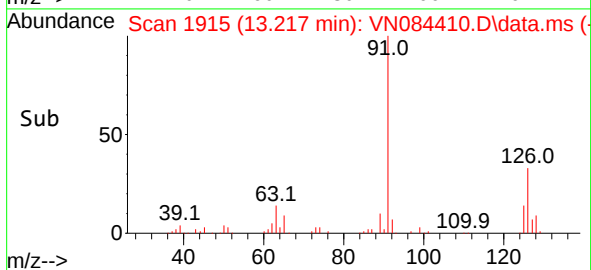
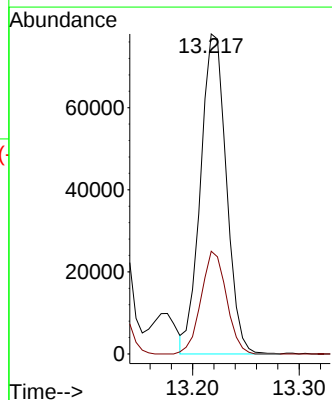
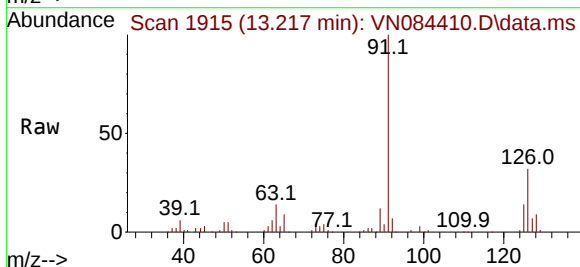
Instrument :
MSVOA_N
ClientSampleId :

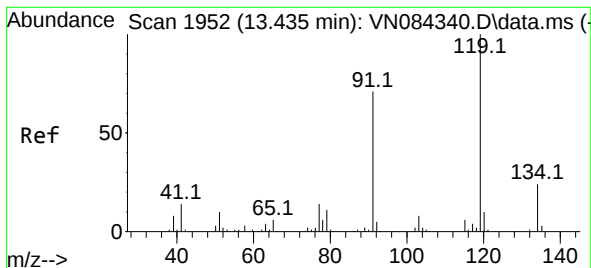
Tgt Ion: 75 Resp: 17702
Ion Ratio Lower Upper
75 100
53 87.9 47.3 142.0
89 39.4 22.9 68.8



#78
4-Chlorotoluene
Concen: 18.293 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion: 91 Resp: 131287
Ion Ratio Lower Upper
91 100
126 31.5 0.0 62.4

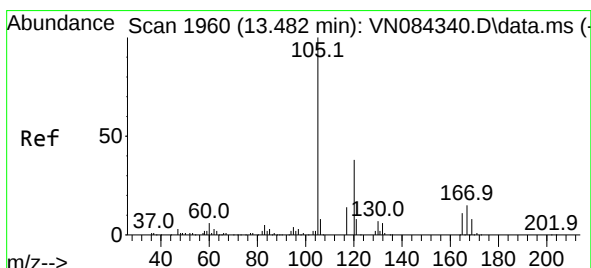
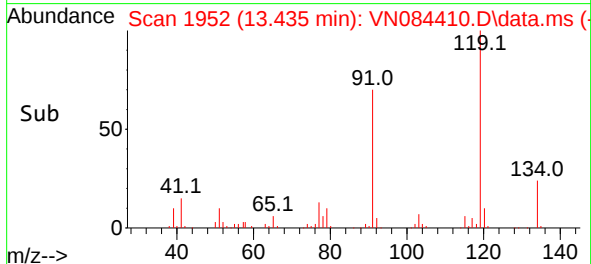
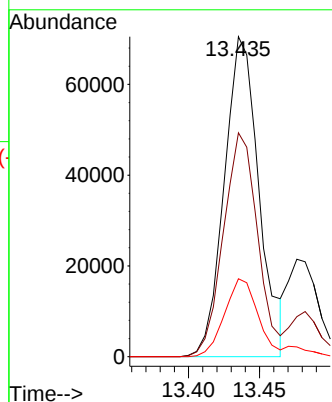
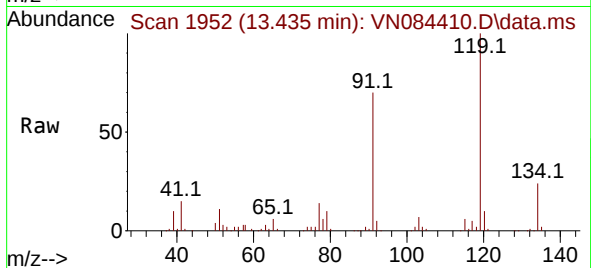




#79
tert-butylbenzene
Concen: 17.521 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

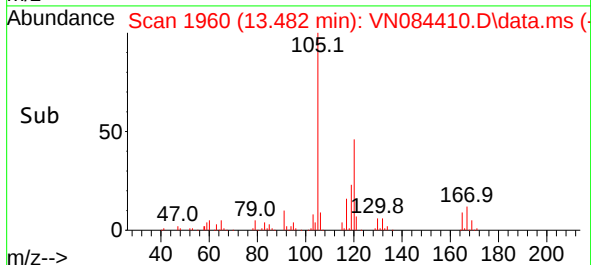
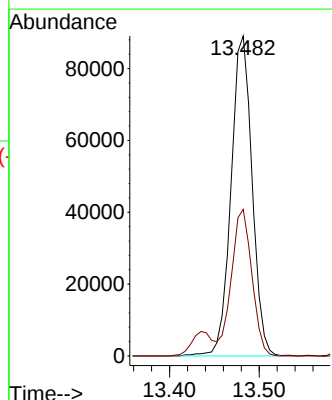
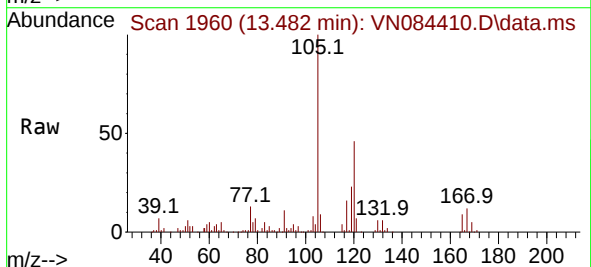
Instrument :
MSVOA_N
ClientSampleId :

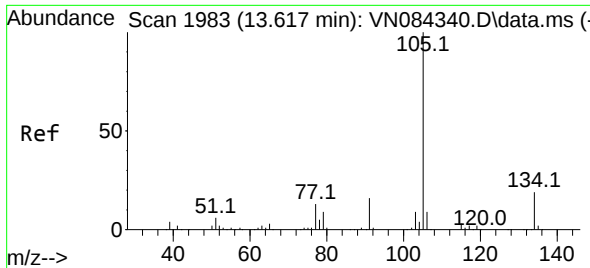
Tgt Ion:119 Resp: 119982
Ion Ratio Lower Upper
119 100
91 68.9 0.0 138.0
134 23.4 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 17.830 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

Tgt Ion:105 Resp: 145213
Ion Ratio Lower Upper
105 100
120 44.5 0.0 88.8

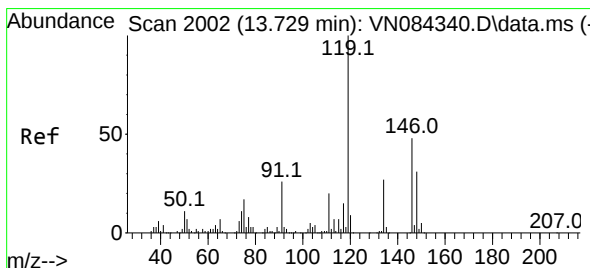
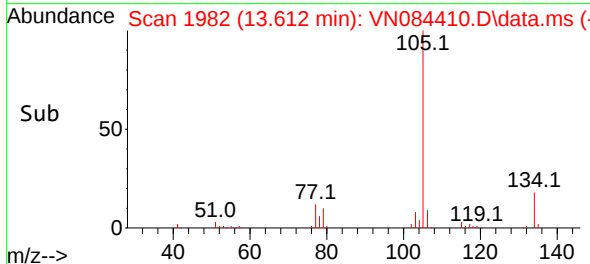
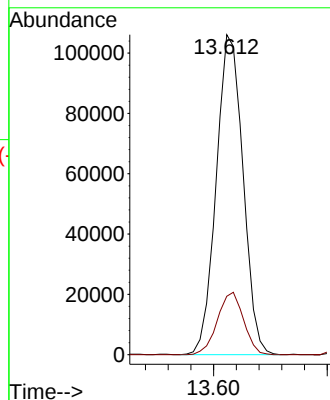
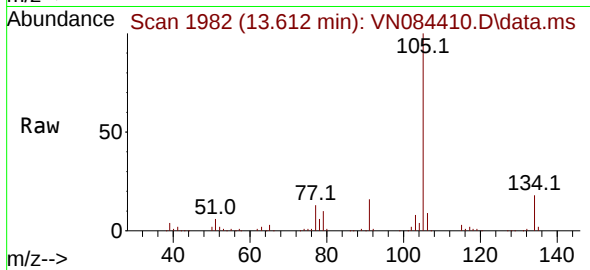




#81
 sec-Butylbenzene
 Concen: 18.432 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN084410.D
 Acq: 14 Oct 2024 16:06

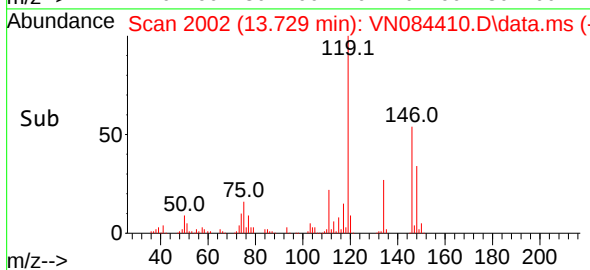
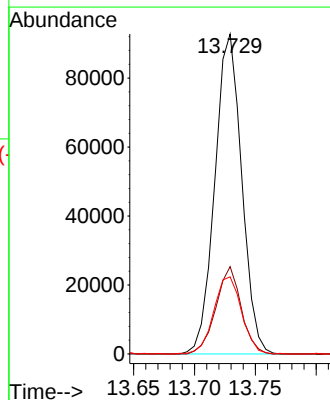
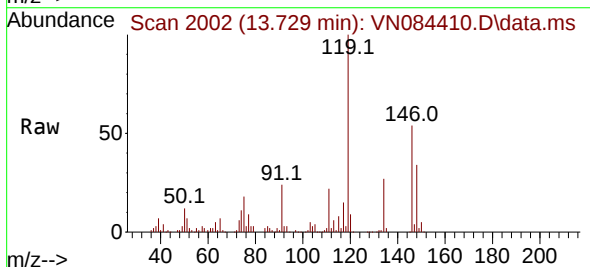
Instrument :
 MSVOA_N
 ClientSampleId :

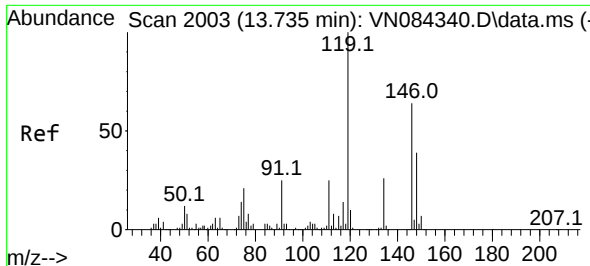
Tgt Ion:105 Resp: 173777
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 17.940 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084410.D
 Acq: 14 Oct 2024 16:06

Tgt Ion:119 Resp: 142363
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 50.2
 91 25.0 0.0 50.6

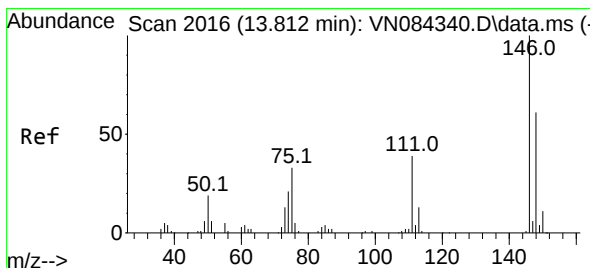
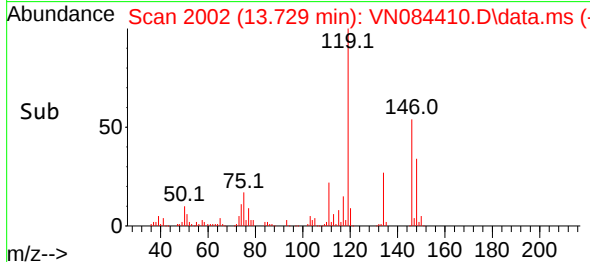
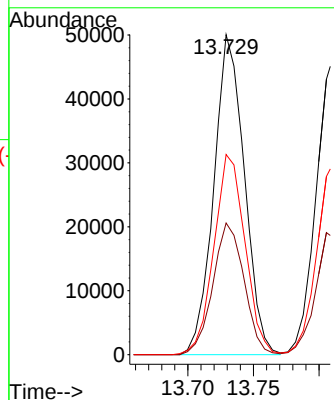
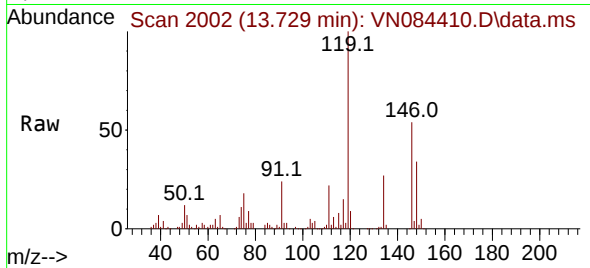




#83
 1,3-Dichlorobenzene
 Concen: 18.899 ug/l
 RT: 13.729 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN084410.D
 Acq: 14 Oct 2024 16:06

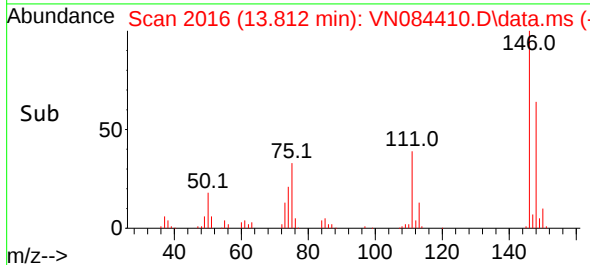
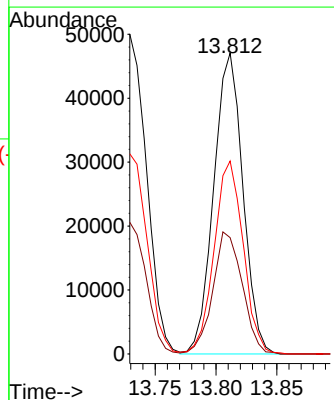
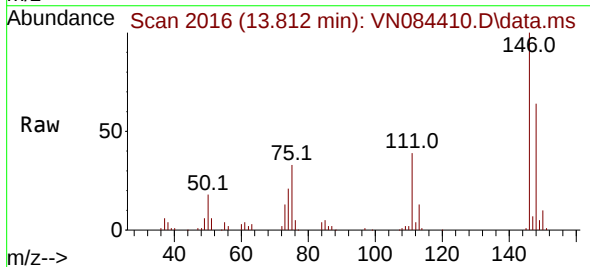
Instrument :
 MSVOA_N
 ClientSampleId :

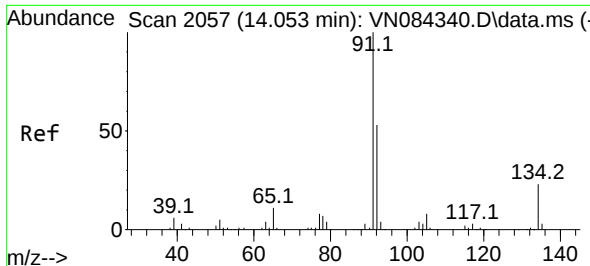
Tgt Ion:146 Resp: 81130
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.6 61.9
 148 63.8 31.6 94.7



#84
 1,4-Dichlorobenzene
 Concen: 18.431 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN084410.D
 Acq: 14 Oct 2024 16:06

Tgt Ion:146 Resp: 78568
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.5 61.5
 148 63.9 32.5 97.4

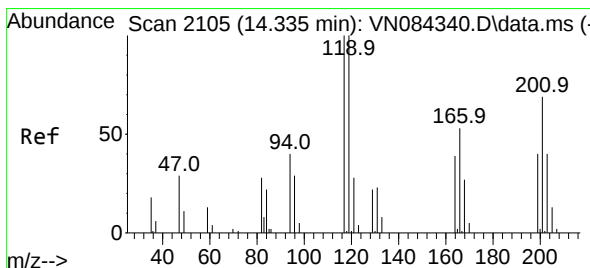
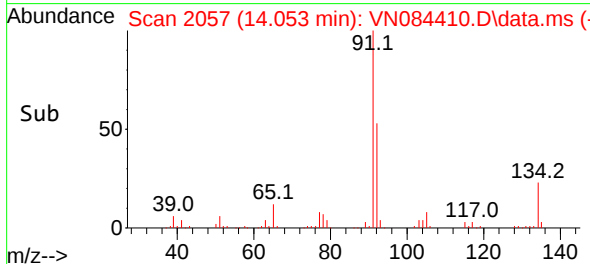
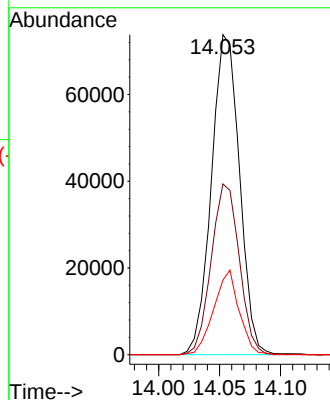
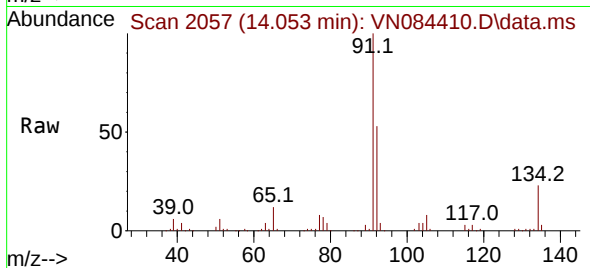




#85
n-Butylbenzene
Concen: 17.274 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

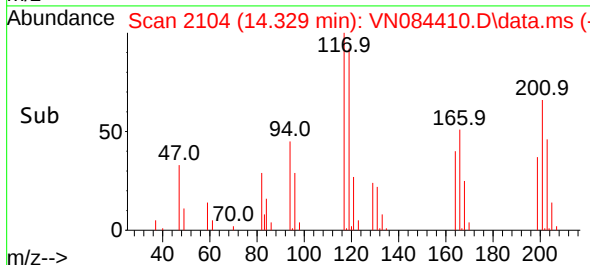
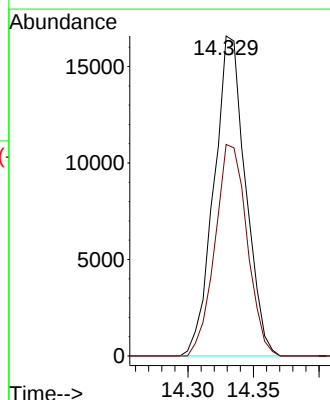
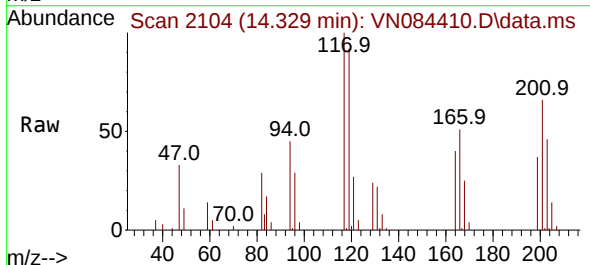
Instrument :
MSVOA_N
ClientSampleId :

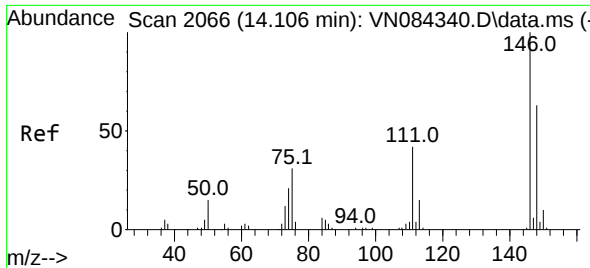
Tgt Ion: 91 Resp: 118724
Ion Ratio Lower Upper
91 100
92 53.1 0.0 103.4
134 23.8 0.0 48.0



#86
Hexachloroethane
Concen: 18.147 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN084410.D
Acq: 14 Oct 2024 16:06

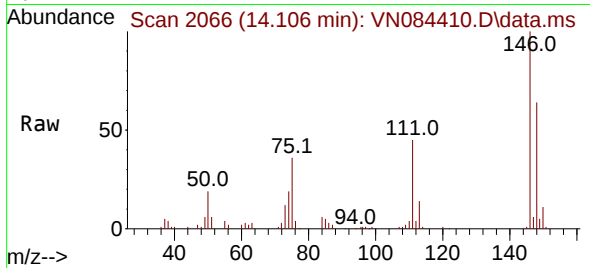
Tgt Ion: 117 Resp: 27744
Ion Ratio Lower Upper
117 100
201 67.2 33.9 101.6



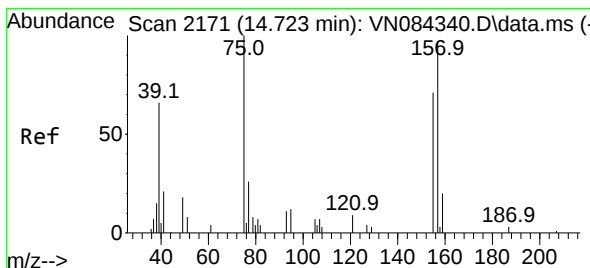
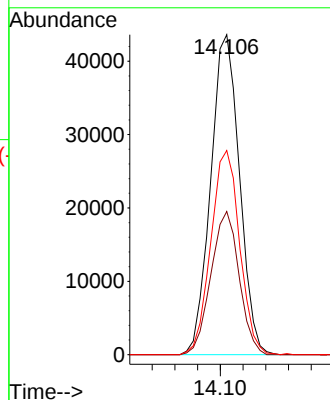
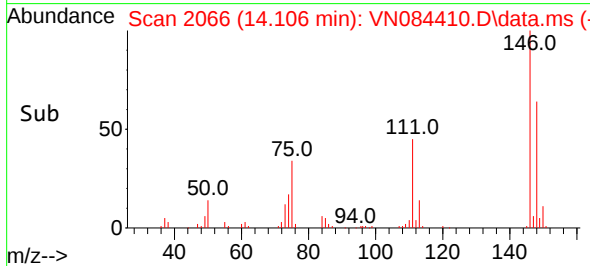


#87
 1,2-Dichlorobenzene
 Concen: 18.519 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN084410.D
 Acq: 14 Oct 2024 16:06

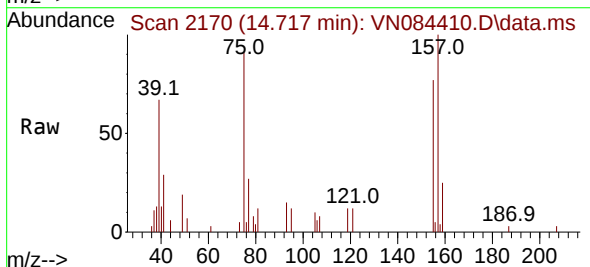
Instrument :
 MSVOA_N
 ClientSampleId :



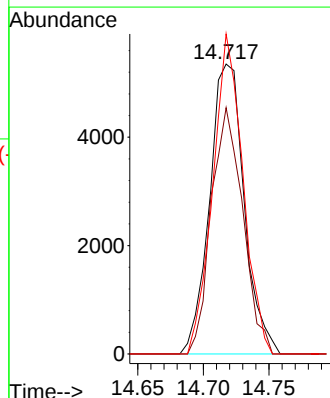
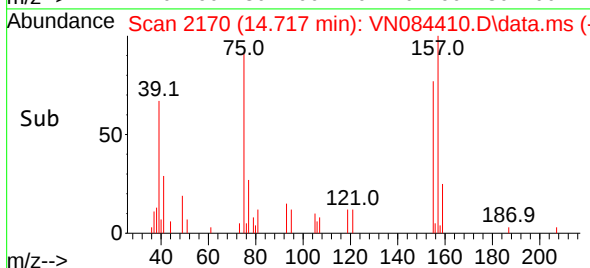
Tgt Ion:146 Resp: 76865
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.9 65.5
 148 63.8 31.1 93.5

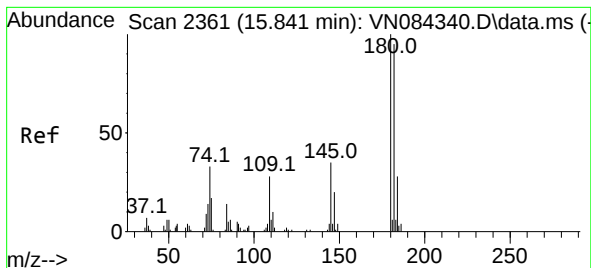


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 16.290 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN084410.D
 Acq: 14 Oct 2024 16:06



Tgt Ion: 75 Resp: 9824
 Ion Ratio Lower Upper
 75 100
 155 77.6 61.8 92.8
 157 95.9 77.4 116.0





#89

1,2,4-Trichlorobenzene

Concen: 17.327 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN084410.D

Acq: 14 Oct 2024 16:06

Instrument :

MSVOA_N

ClientSampleId :

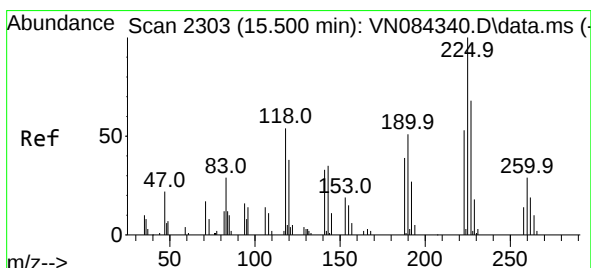
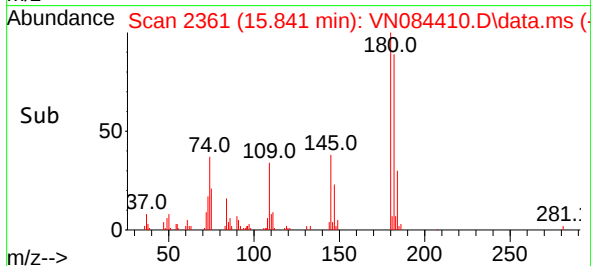
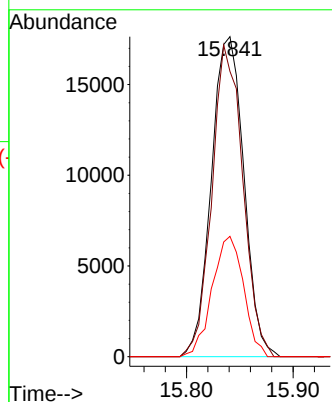
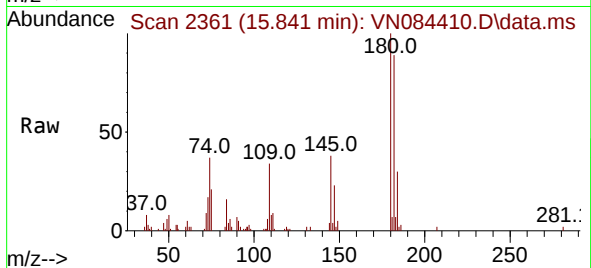
Tgt Ion:180 Resp: 37392

Ion Ratio Lower Upper

180 100

182 92.5 77.8 116.6

145 36.3 28.9 43.3



#90

Hexachlorobutadiene

Concen: 18.756 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN084410.D

Acq: 14 Oct 2024 16:06

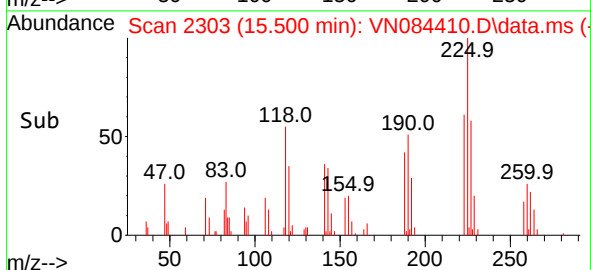
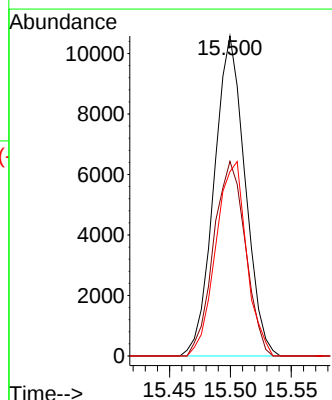
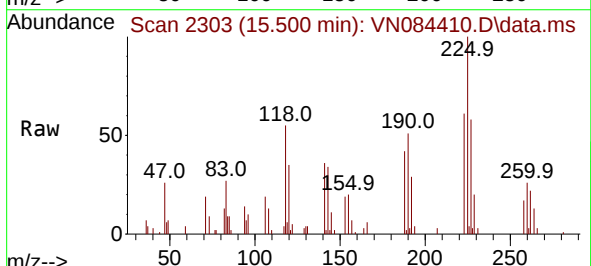
Tgt Ion:225 Resp: 18725

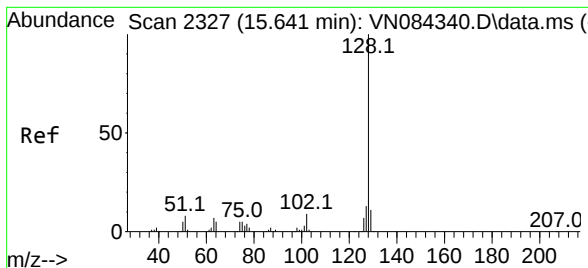
Ion Ratio Lower Upper

225 100

223 62.5 0.0 124.0

227 60.2 0.0 130.8





#91

Naphthalene

Concen: 14.315 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN084410.D

Acq: 14 Oct 2024 16:06

Instrument :

MSVOA_N

ClientSampleId :

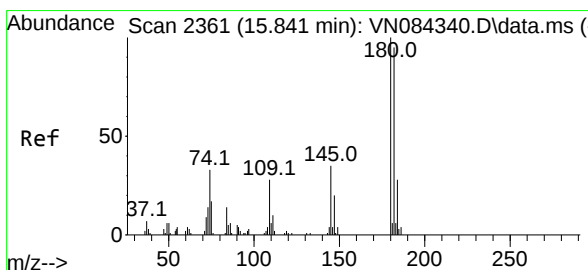
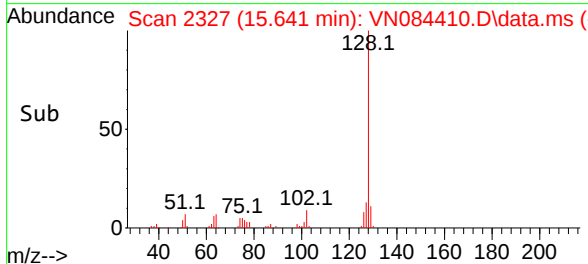
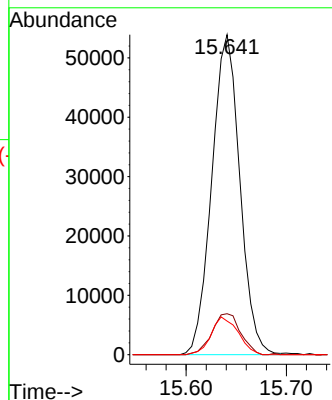
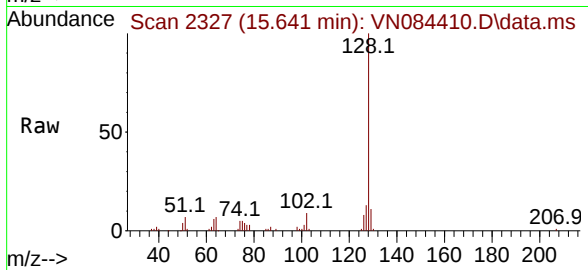
Tgt Ion:128 Resp: 104680

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.4 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 17.327 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN084410.D

Acq: 14 Oct 2024 16:06

Tgt Ion:180 Resp: 37392

Ion Ratio Lower Upper

180 100

182 92.5 0.0 194.4

145 36.3 0.0 72.2

