

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101524\
 Data File : VN084412.D
 Acq On : 15 Oct 2024 13:15
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 16 01:19:22 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	33634	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	175881	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	164602	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80105	29.583	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.600%
60) 4-Bromofluorobenzene	12.847	95	85097	31.325	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	104.400%
63) Toluene-d8	10.565	98	238715	31.305	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.367%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	41185	20.056	ug/l	94
3) Chloromethane	2.359	50	46369	19.843	ug/l	98
4) Vinyl Chloride	2.512	62	46014	20.079	ug/l	92
5) Bromomethane	2.959	94	27456	18.084	ug/l	95
6) Chloroethane	3.124	64	27995	18.634	ug/l	94
7) Trichlorofluoromethane	3.495	101	74638	19.995	ug/l	97
8) Diethyl Ether	3.959	74	25065	18.264	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	43762	20.851	ug/l	89
10) 1,1-Dichloroethene	4.342	96	40550	19.363	ug/l	94
11) Methyl Iodide	4.589	142	51455	18.696	ug/l	98
12) Methyl Acetate	5.024	43	54534	20.800	ug/l	97
13) Acrolein	4.177	56	54094	111.069	ug/l	99
14) Acrylonitrile	5.724	53	111099	94.321	ug/l	99
15) Acetone	4.430	58	39220	116.562	ug/l	100
16) Carbon Disulfide	4.712	76	114941	18.431	ug/l	99
17) Allyl chloride	5.024	41	62548	18.425	ug/l	90
18) Methylene Chloride	5.265	84	21797	9.239	ug/l	94
19) trans-1,2-Dichloroethene	5.789	96	43119	19.454	ug/l	89
20) Diisopropyl ether	6.665	45	141823	19.430	ug/l	95
21) 1,1-Dichloroethane	6.565	63	84744	20.234	ug/l	95
22) cis-1,2-Dichloroethene	7.488	96	50477	19.571	ug/l	98
23) tert-Butyl Alcohol	5.518	59	39227	86.822	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	133813	19.120	ug/l #	86
25) Chloroform	7.965	83	86449	20.380	ug/l	98
26) Cyclohexane	8.259	56	63895	18.241	ug/l #	94
29) 1,1-Dichloropropene	8.371	75	60125	20.824	ug/l	99
30) 2-Butanone	7.483	43	164229	106.835	ug/l	99
31) 2,2-Dichloropropane	7.488	77	74769	22.037	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	79405	21.516	ug/l	99
33) Carbon Tetrachloride	8.359	117	67618	21.149	ug/l	96
34) Benzene	8.600	78	188288	20.833	ug/l	99
35) Methacrylonitrile	7.777	41	33025	20.138	ug/l	93
36) 1,2-Dichloroethane	8.671	62	63813	21.182	ug/l	99
37) Trichloroethene	9.353	130	42770	20.551	ug/l	95
38) Methylcyclohexane	9.600	83	60619	19.114	ug/l	95
39) 1,2-Dichloropropane	9.618	63	46930	21.294	ug/l	96
40) Dibromomethane	9.706	93	32493	21.095	ug/l	99
41) Bromodichloromethane	9.888	83	69624	21.292	ug/l	97
42) Vinyl Acetate	6.600	43	526695	98.516	ug/l	99

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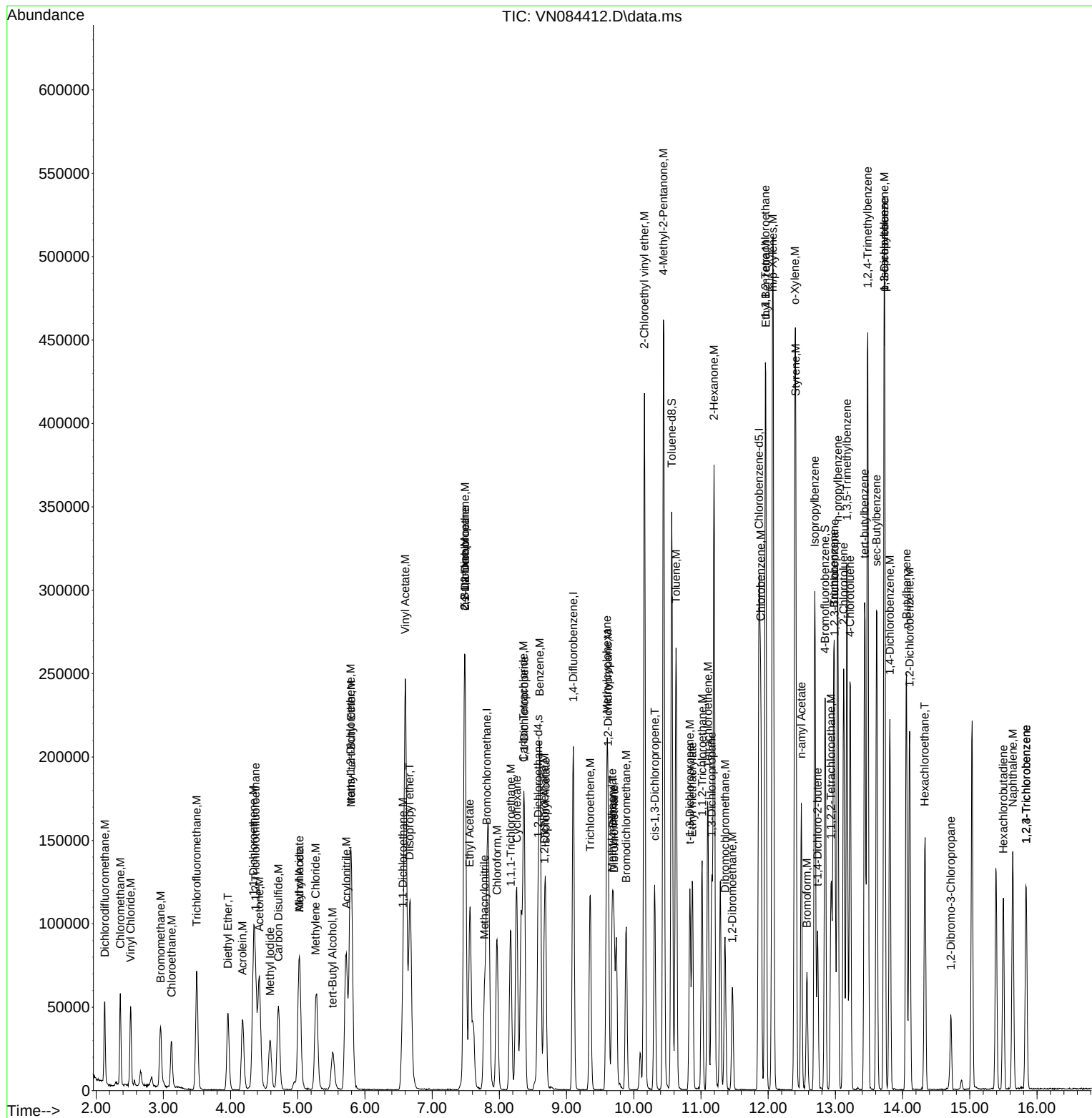
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	59936	19.770	ug/l	98
44) Isopropyl Acetate	8.688	43	97785	19.706	ug/l	100
45) 1,4-Dioxane	9.694	88	18693	417.891	ug/l	96
46) Methyl methacrylate	9.676	41	46675	19.468	ug/l	94
47) n-amyl Acetate	12.494	43	85211	19.306	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	66349	19.635	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	74336	20.991	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	44095	21.298	ug/l	96
51) Ethyl methacrylate	10.871	69	64857	18.965	ug/l	97
52) 1,3-Dichloropropane	11.159	76	74091	20.466	ug/l	99
53) Dibromochloromethane	11.359	129	50229	20.537	ug/l	100
54) 1,2-Dibromoethane	11.465	107	43791	20.548	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	180488	116.364	ug/l	99
56) Bromoform	12.576	173	32481	20.024	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	308394	100.576	ug/l	100
59) 2-Hexanone	11.194	43	233695	102.566	ug/l	99
61) Tetrachloroethene	11.106	164	40381	21.688	ug/l	94
62) Toluene	10.629	91	202786	21.044	ug/l	98
64) Chlorobenzene	11.888	112	123348	20.570	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	44483	21.353	ug/l	100
66) Ethyl Benzene	11.965	91	210552	20.112	ug/l	99
67) m/p-Xylenes	12.070	106	168685	42.474	ug/l	98
68) o-Xylene	12.400	106	76980	20.109	ug/l	100
69) Styrene	12.412	104	132789	20.207	ug/l	99
70) Isopropylbenzene	12.694	105	198039	20.264	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	64601	21.368	ug/l	100
72) 1,2,3-Trichloropropane	12.988	75	82227	31.758	ug/l	51
73) Bromobenzene	12.976	156	49931	21.097	ug/l	96
74) n-propylbenzene	13.035	91	243774	20.932	ug/l	100
75) 2-Chlorotoluene	13.123	91	151941	20.996	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	176017	21.391	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	21304	19.255	ug/l	91
78) 4-Chlorotoluene	13.217	91	153953	20.925	ug/l	98
79) tert-butylbenzene	13.435	119	143336	20.418	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	175553	21.027	ug/l	99
81) sec-Butylbenzene	13.612	105	204423	21.151	ug/l	100
82) p-Isopropyltoluene	13.729	119	170016	20.900	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	94190	21.403	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	93182	21.323	ug/l	99
85) n-Butylbenzene	14.059	91	142154	20.176	ug/l	99
86) Hexachloroethane	14.329	117	32468	20.716	ug/l	100
87) 1,2-Dichlorobenzene	14.106	146	90818	21.344	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	12504	20.225	ug/l	99
89) 1,2,4-Trichlorobenzene	15.841	180	44350	20.047	ug/l	95
90) Hexachlorobutadiene	15.500	225	20943	20.463	ug/l	97
91) Naphthalene	15.641	128	130611	17.423	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	44350	20.047	ug/l	95

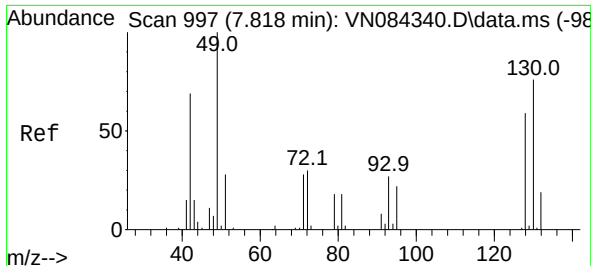
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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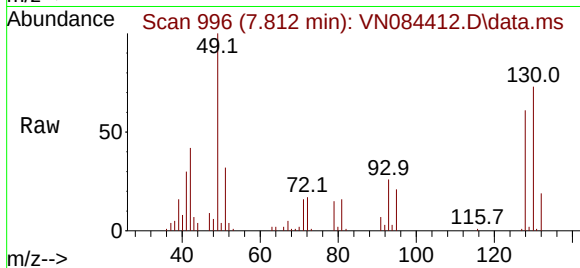
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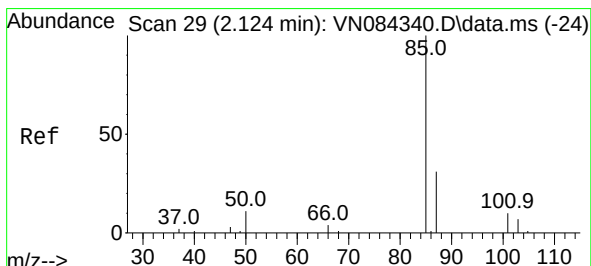
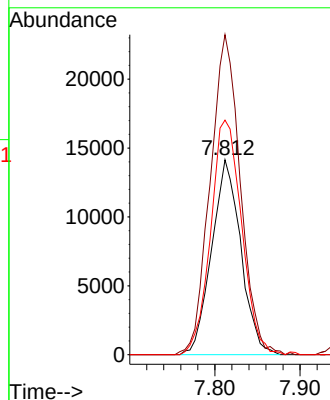
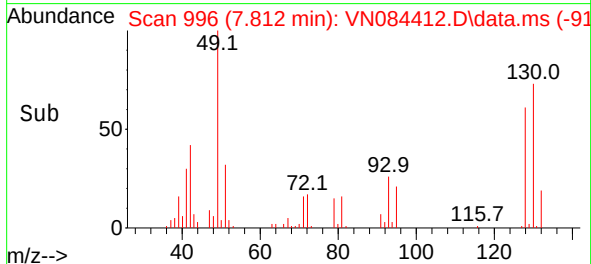


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN084412.D
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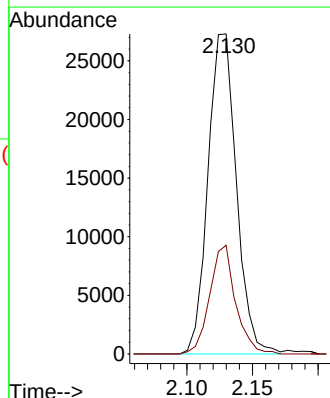
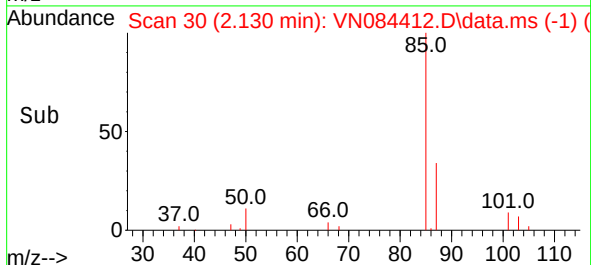
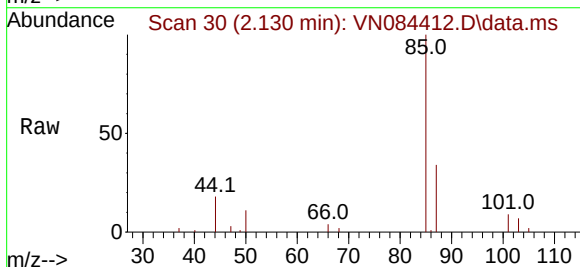


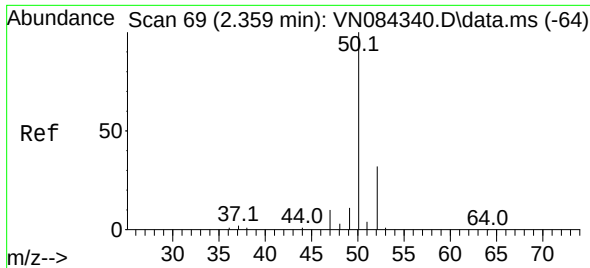
Tgt Ion:128 Resp: 33634
Ion Ratio Lower Upper
128 100
49 169.3 0.0 430.0
130 127.3 0.0 329.8



#2
Dichlorodifluoromethane
Concen: 20.056 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 85 Resp: 41185
Ion Ratio Lower Upper
85 100
87 34.0 15.4 46.4

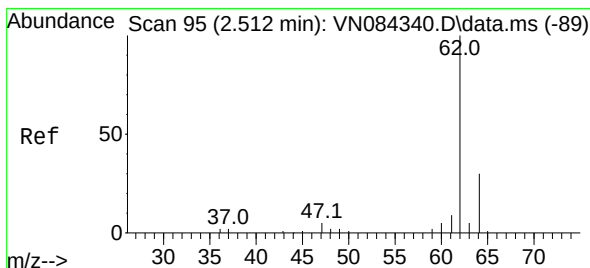
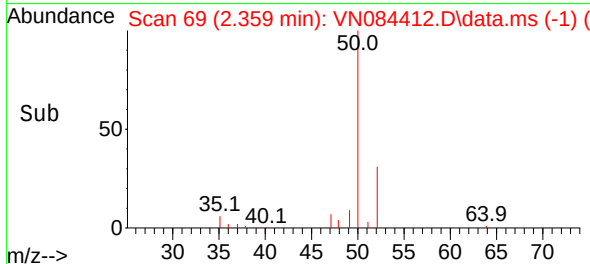
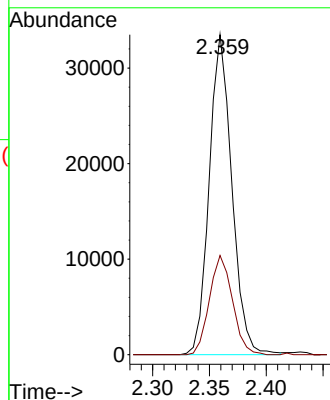
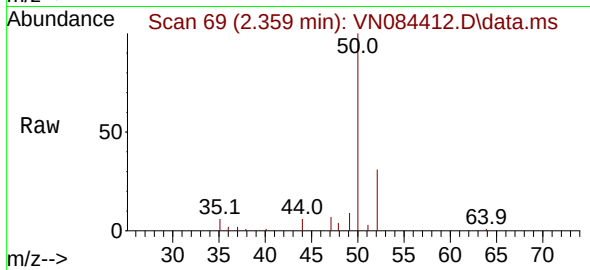




#3
Chloromethane
Concen: 19.843 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

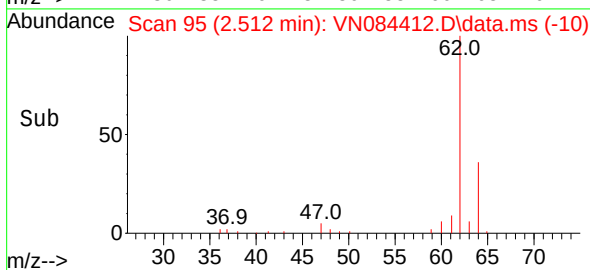
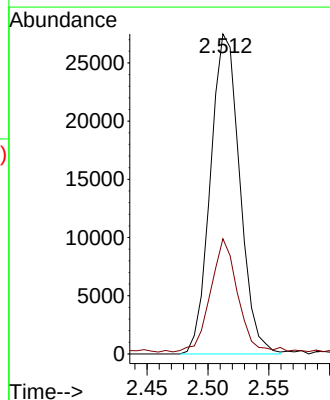
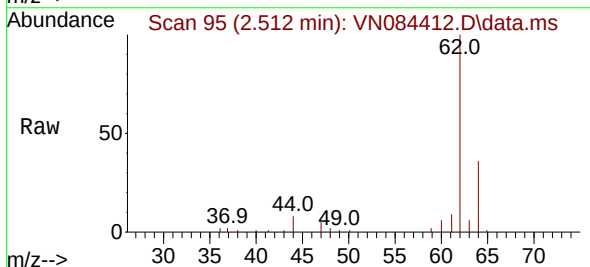
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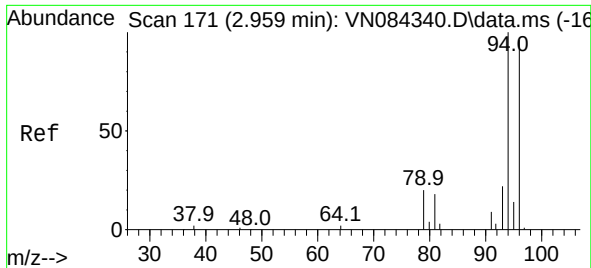
Tgt Ion: 50 Resp: 46369
Ion Ratio Lower Upper
50 100
52 31.0 25.8 38.6



#4
Vinyl Chloride
Concen: 20.079 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 62 Resp: 46014
Ion Ratio Lower Upper
62 100
64 34.9 24.3 36.5

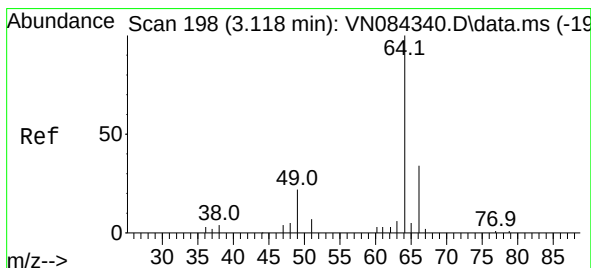
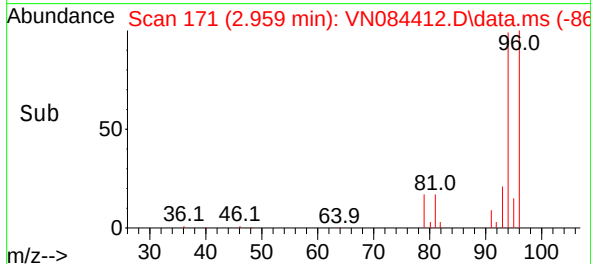
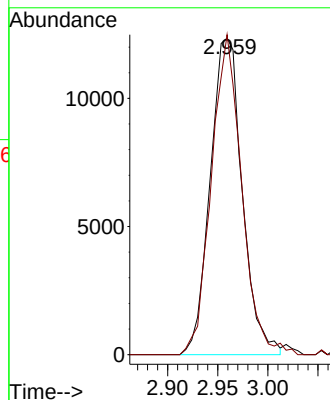
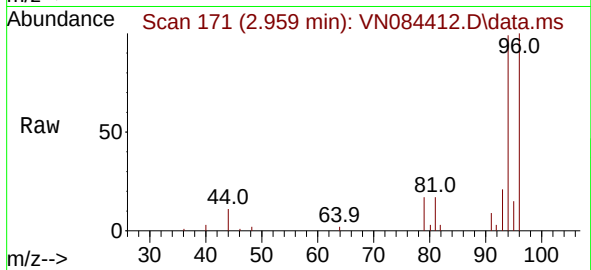




#5
Bromomethane
Concen: 18.084 ug/l
RT: 2.959 min Scan# 171
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

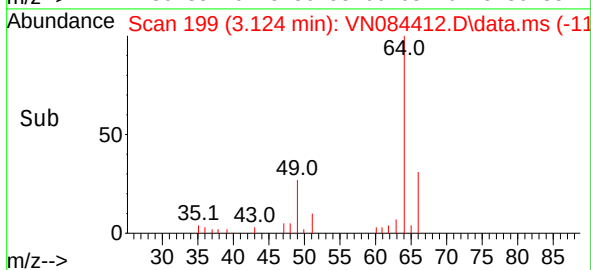
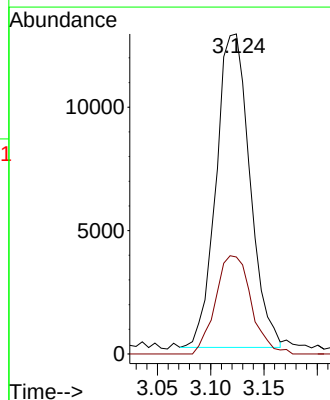
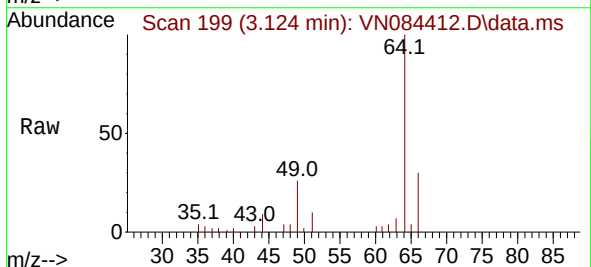
Instrument :
MSVOA_N
ClientSampleId :

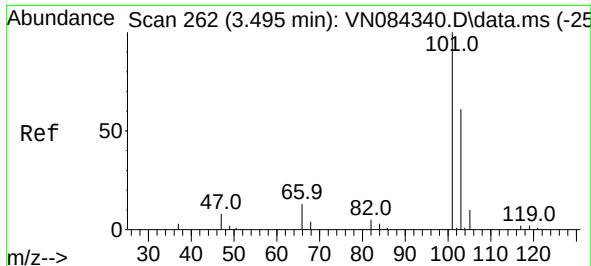
Tgt Ion: 94 Resp: 27456
Ion Ratio Lower Upper
94 100
96 101.0 76.7 115.1



#6
Chloroethane
Concen: 18.634 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 64 Resp: 27995
Ion Ratio Lower Upper
64 100
66 30.9 27.7 41.5

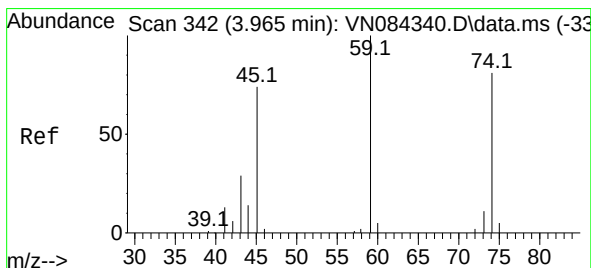
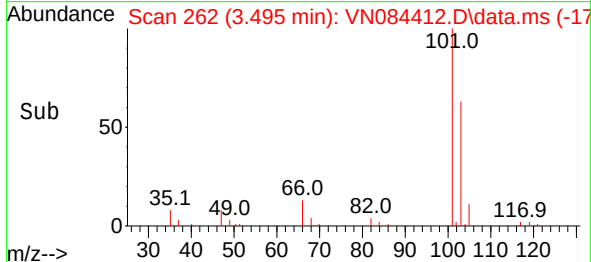
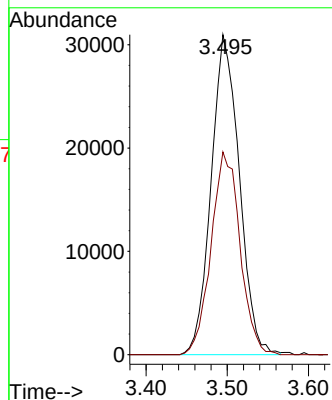
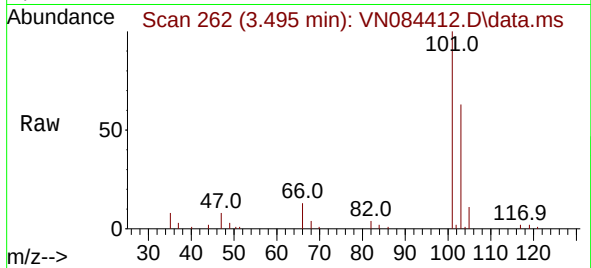




#7
 Trichlorofluoromethane
 Concen: 19.995 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN084412.D
 Acq: 15 Oct 2024 13:15

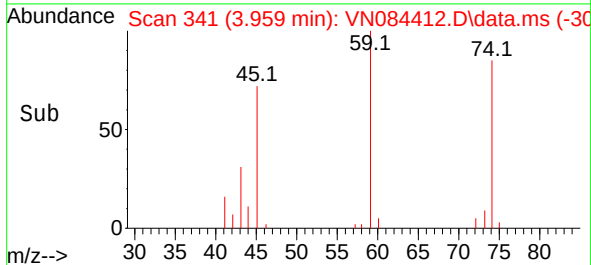
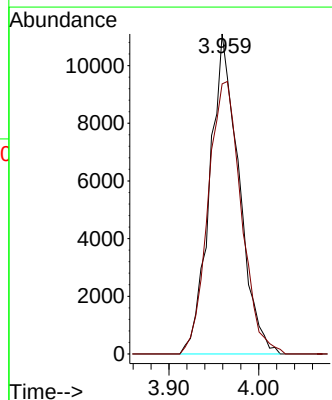
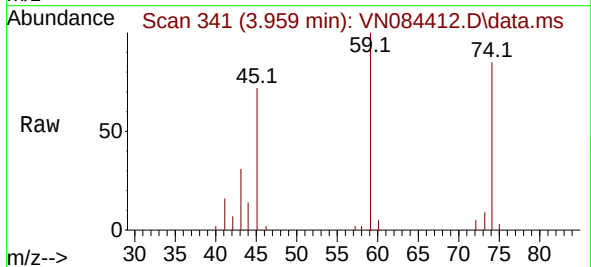
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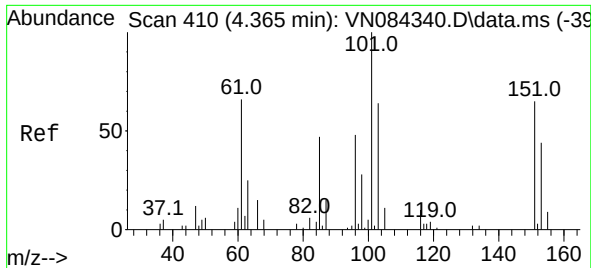
Tgt Ion:101 Resp: 74638
 Ion Ratio Lower Upper
 101 100
 103 63.4 49.0 73.6



#8
 Diethyl Ether
 Concen: 18.264 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN084412.D
 Acq: 15 Oct 2024 13:15

Tgt Ion: 74 Resp: 25065
 Ion Ratio Lower Upper
 74 100
 45 96.5 19.2 173.2

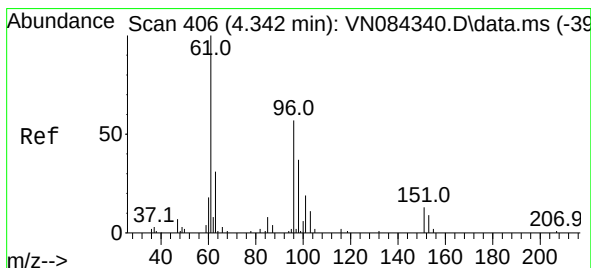
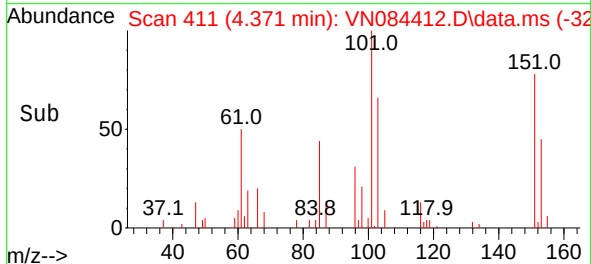
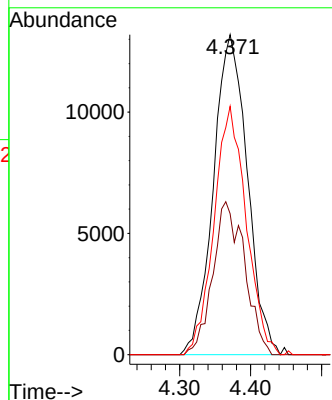
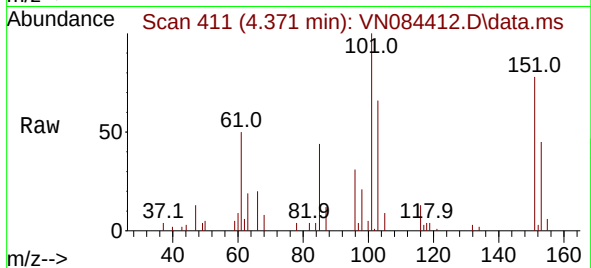




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.851 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

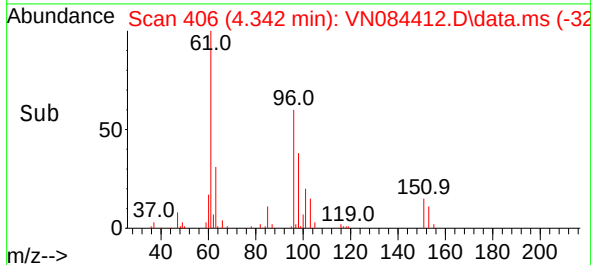
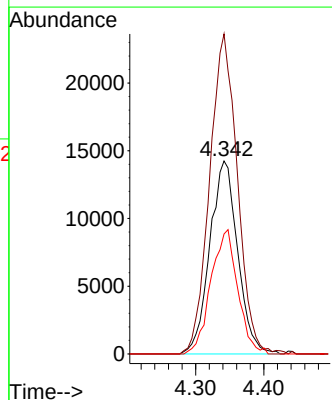
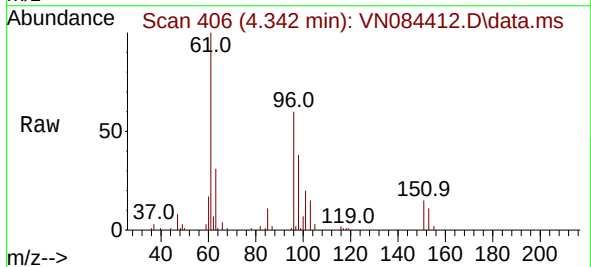
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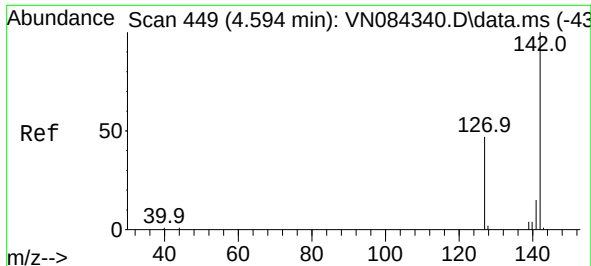
Tgt Ion:101 Resp: 43762
Ion Ratio Lower Upper
101 100
85 29.7 0.0 93.6
151 73.6 0.0 151.8



#10
1,1-Dichloroethene
Concen: 19.363 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

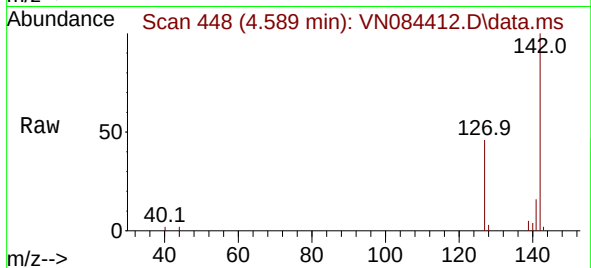
Tgt Ion: 96 Resp: 40550
Ion Ratio Lower Upper
96 100
61 165.9 140.8 211.2
98 62.2 52.2 78.2



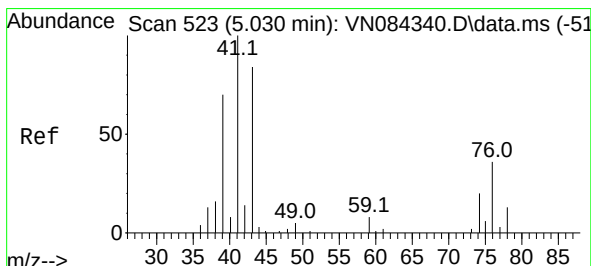
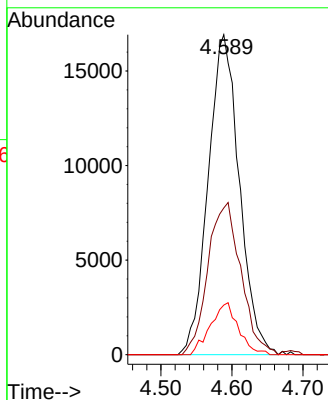
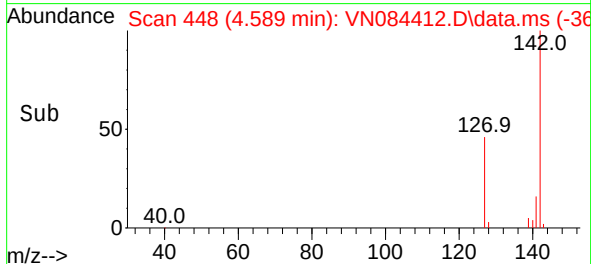


#11
Methyl Iodide
Concen: 18.696 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Instrument :
MSVOA_N
ClientSampleId :

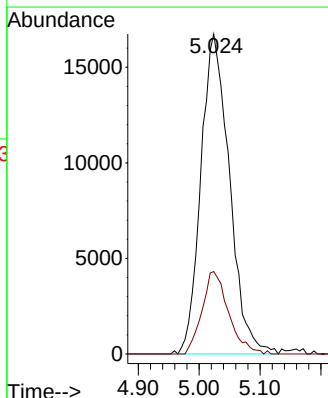
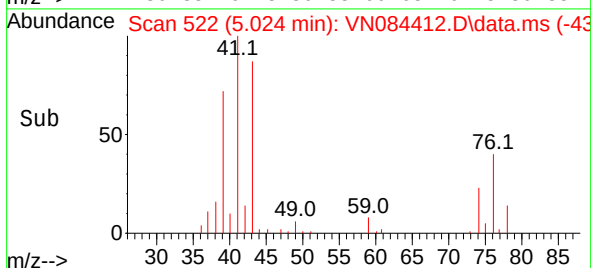
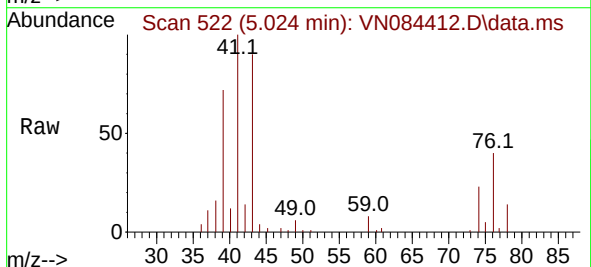


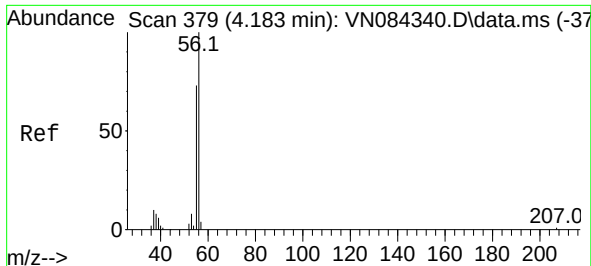
Tgt Ion:142 Resp: 51455
Ion Ratio Lower Upper
142 100
127 45.8 23.8 71.4
141 15.5 7.4 22.2



#12
Methyl Acetate
Concen: 20.800 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 43 Resp: 54534
Ion Ratio Lower Upper
43 100
74 25.8 19.4 29.2





#13

Acrolein

Concen: 111.069 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

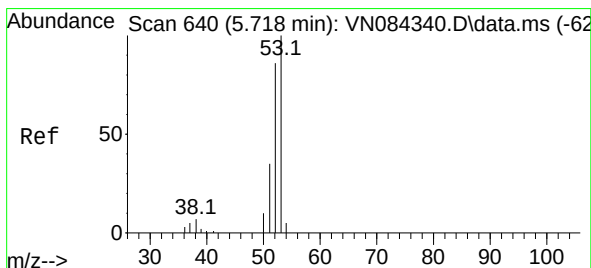
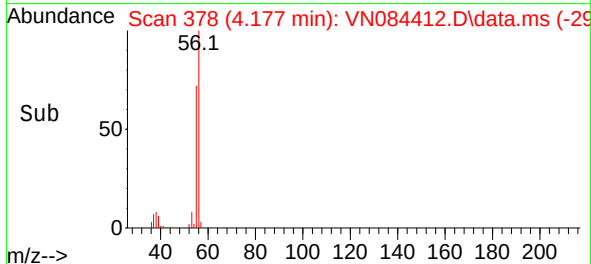
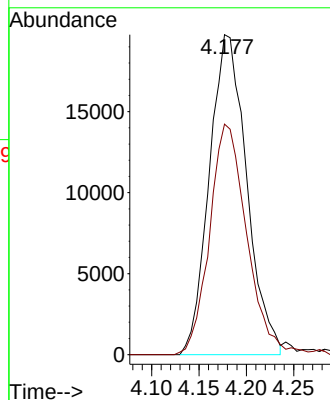
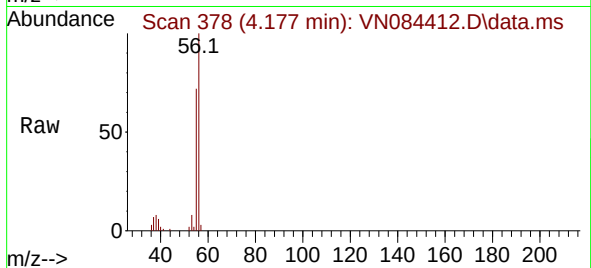
ClientSampleId :

Tgt Ion: 56 Resp: 54094

Ion Ratio Lower Upper

56 100

55 71.0 56.4 84.6



#14

Acrylonitrile

Concen: 94.321 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

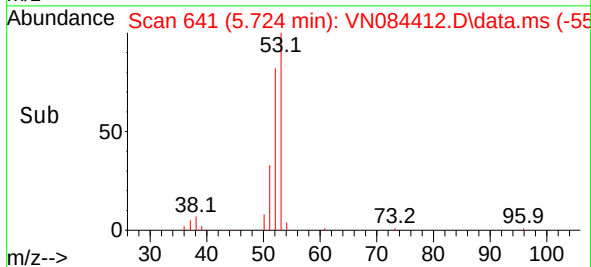
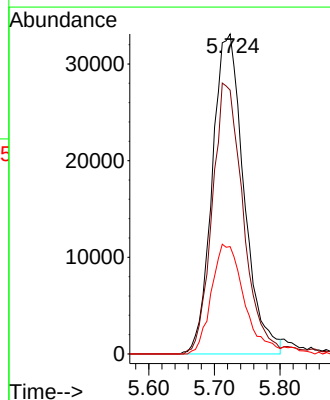
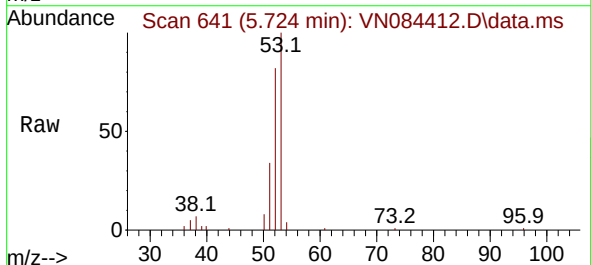
Tgt Ion: 53 Resp: 111099

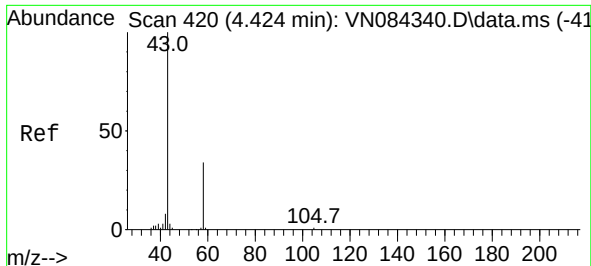
Ion Ratio Lower Upper

53 100

52 82.1 40.4 121.2

51 35.4 17.8 53.4





#15

Acetone

Concen: 116.562 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

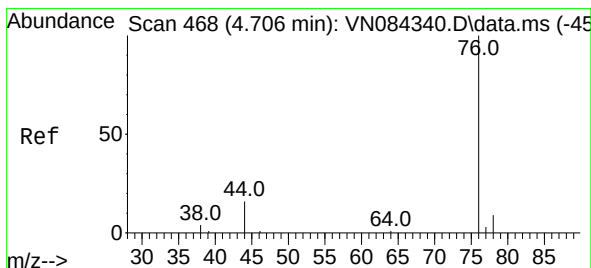
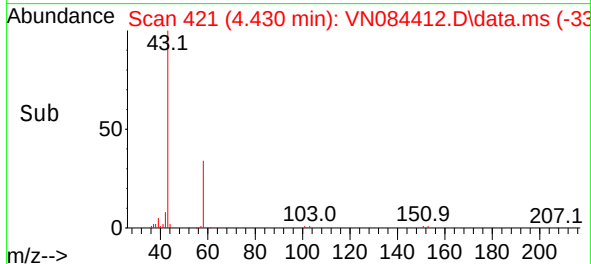
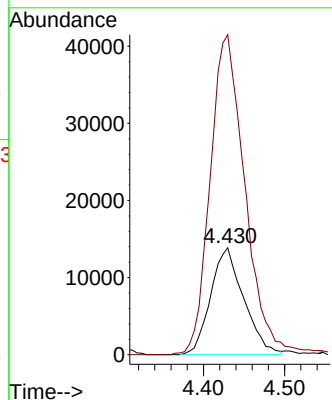
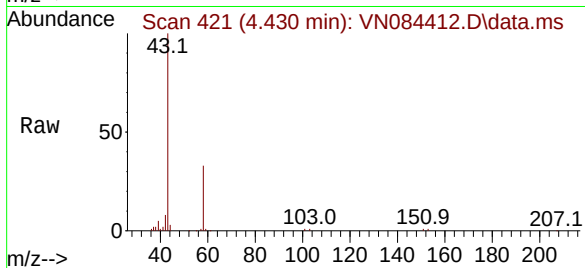
ClientSampleId :

Tgt Ion: 58 Resp: 39220

Ion Ratio Lower Upper

58 100

43 297.5 237.5 356.3



#16

Carbon Disulfide

Concen: 18.431 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN084412.D

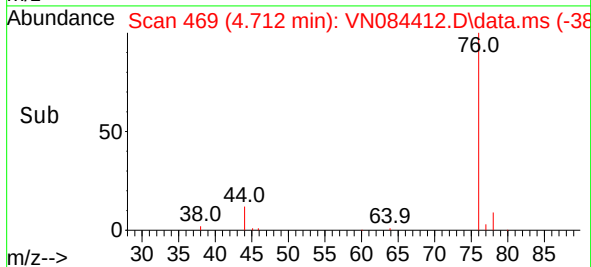
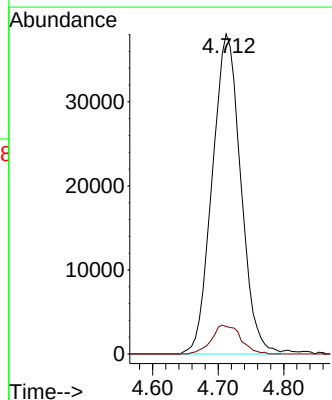
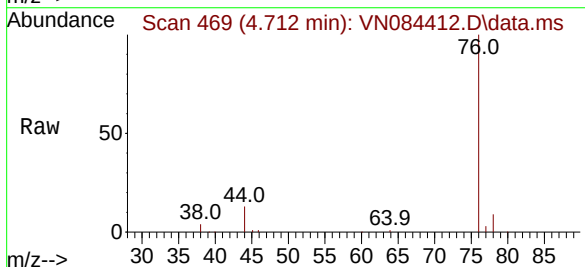
Acq: 15 Oct 2024 13:15

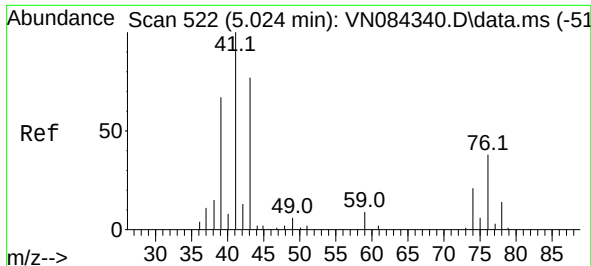
Tgt Ion: 76 Resp: 114941

Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7

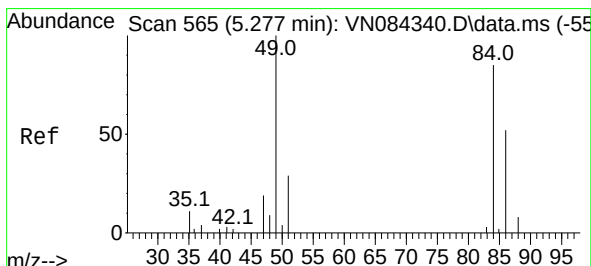
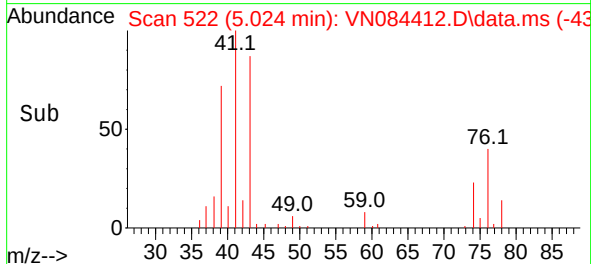
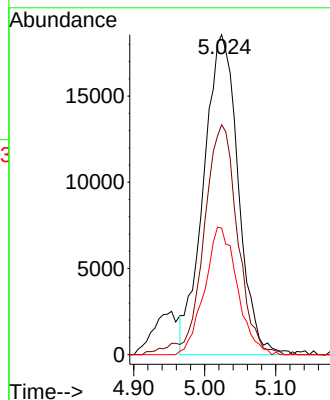
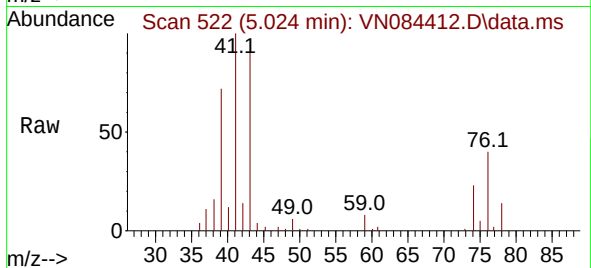




#17
 Allyl chloride
 Concen: 18.425 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN084412.D
 Acq: 15 Oct 2024 13:15

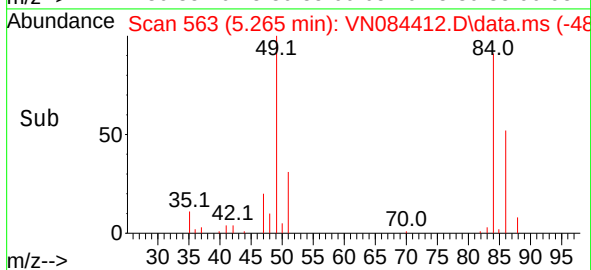
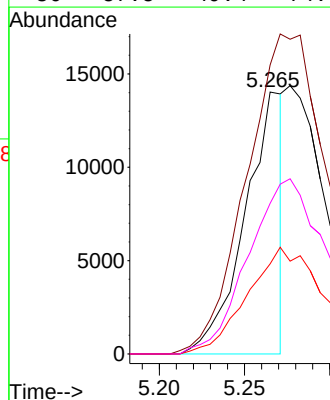
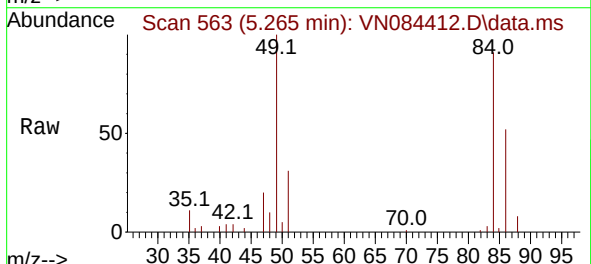
Instrument :
 MSVOA_N
 ClientSampleId :

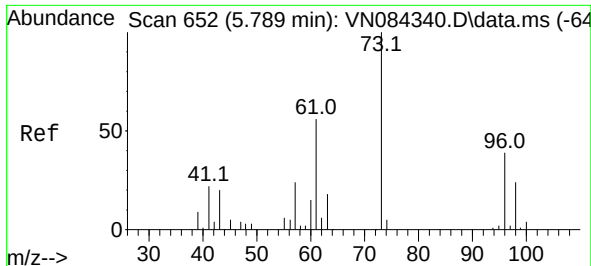
Tgt Ion:	41	Resp:	62548
Ion	Ratio	Lower	Upper
41	100		
39	71.7	31.4	94.3
76	40.0	17.8	53.5



#18
 Methylene Chloride
 Concen: 9.239 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.012 min
 Lab File: VN084412.D
 Acq: 15 Oct 2024 13:15

Tgt Ion:	84	Resp:	21797
Ion	Ratio	Lower	Upper
84	100		
49	109.0	94.6	142.0
51	34.4	27.3	40.9
86	57.5	49.4	74.0

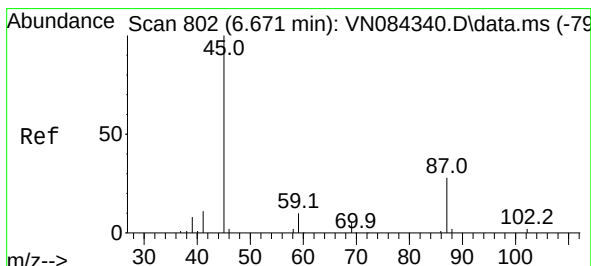
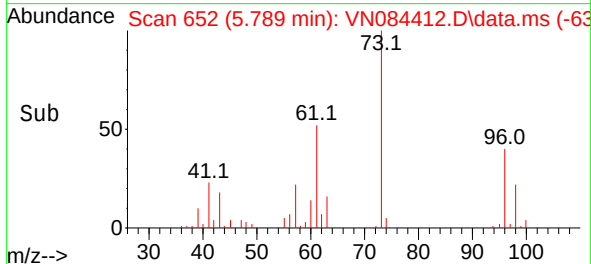
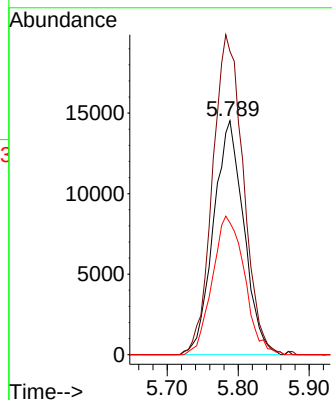
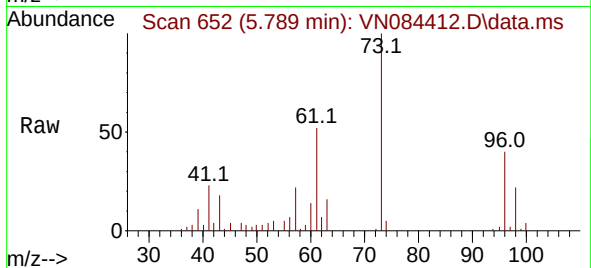




#19
trans-1,2-Dichloroethene
Concen: 19.454 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

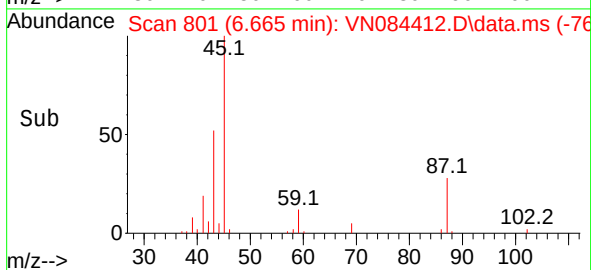
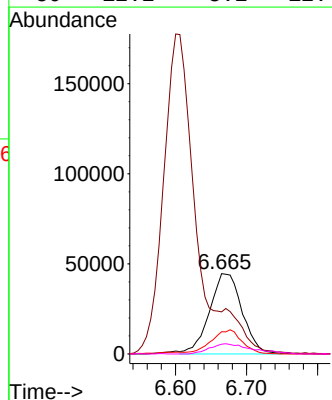
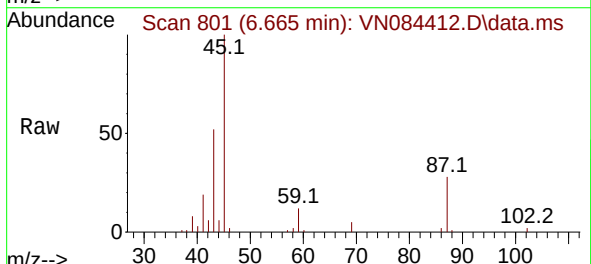
Instrument :
MSVOA_N
ClientSampleId :

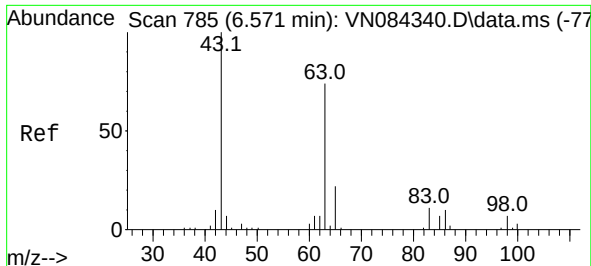
Tgt Ion: 96 Resp: 43119
Ion Ratio Lower Upper
96 100
61 129.6 115.8 173.6
98 56.4 49.4 74.0



#20
Diisopropyl ether
Concen: 19.430 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

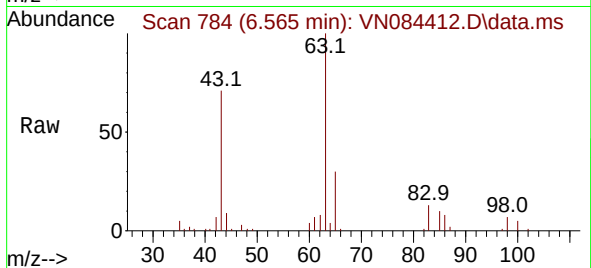
Tgt Ion: 45 Resp: 141823
Ion Ratio Lower Upper
45 100
43 50.0 43.7 65.5
87 27.9 23.1 34.7
59 12.2 8.2 12.4



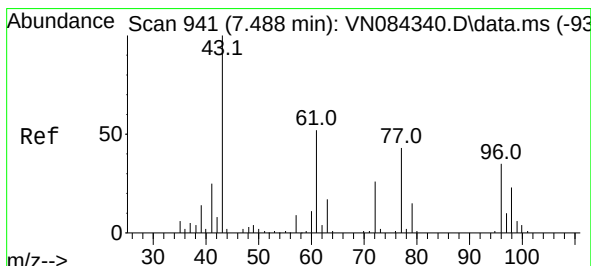
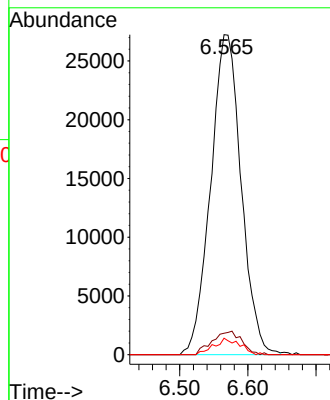
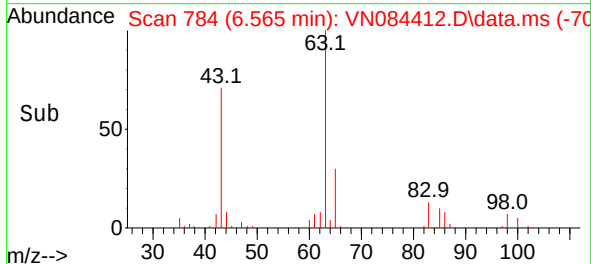


#21
1,1-Dichloroethane
Concen: 20.234 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Instrument :
MSVOA_N
ClientSampleId :

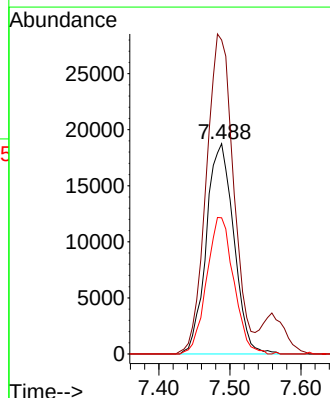
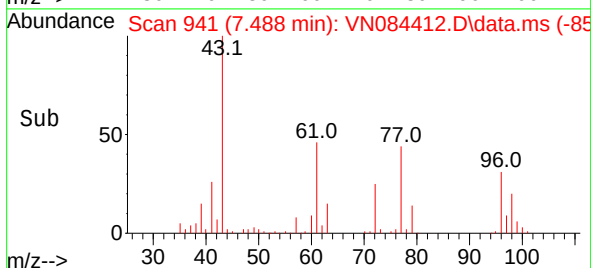
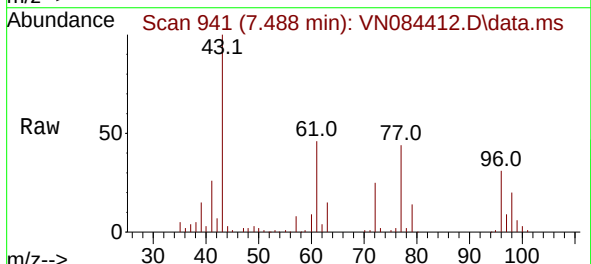


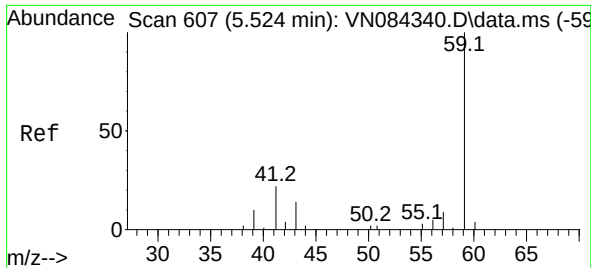
Tgt Ion: 63 Resp: 84744
Ion Ratio Lower Upper
63 100
98 6.7 4.5 13.4
100 5.1 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 19.571 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 96 Resp: 50477
Ion Ratio Lower Upper
96 100
61 150.8 118.0 177.0
98 63.8 51.8 77.8





#23

tert-Butyl Alcohol

Concen: 86.822 ug/l

RT: 5.518 min Scan# 607

Delta R.T. -0.006 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

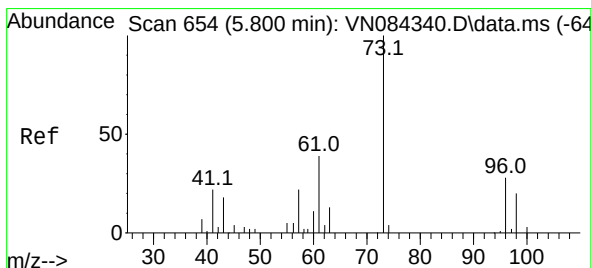
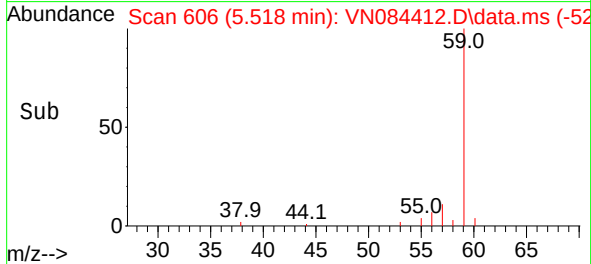
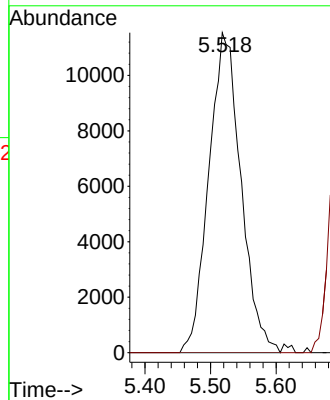
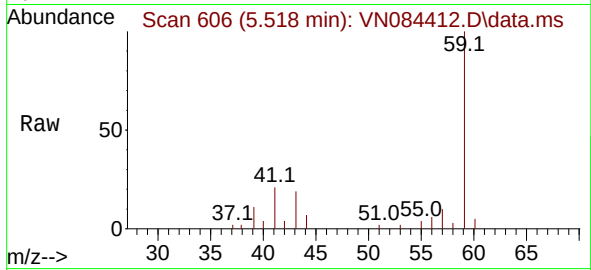
ClientSampleId :

Tgt Ion: 59 Resp: 39227

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 19.120 ug/l

RT: 5.794 min Scan# 653

Delta R.T. -0.006 min

Lab File: VN084412.D

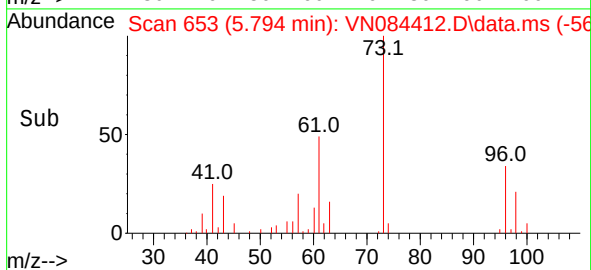
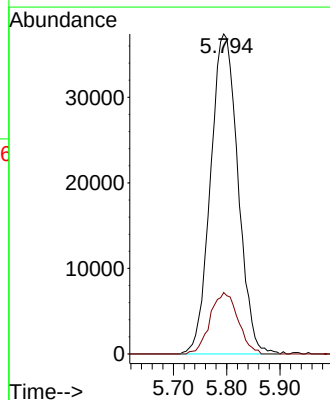
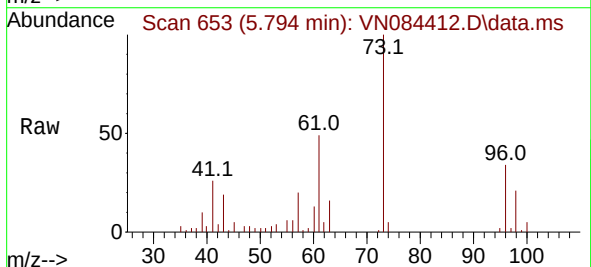
Acq: 15 Oct 2024 13:15

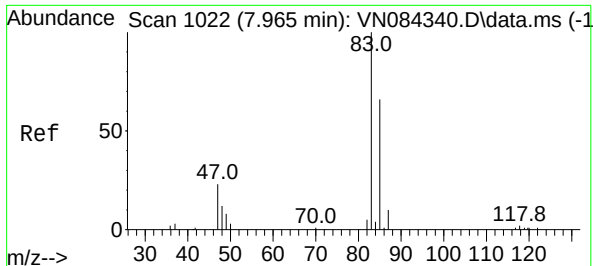
Tgt Ion: 73 Resp: 133813

Ion Ratio Lower Upper

73 100

43 19.3 10.9 16.3#





#25

Chloroform

Concen: 20.380 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

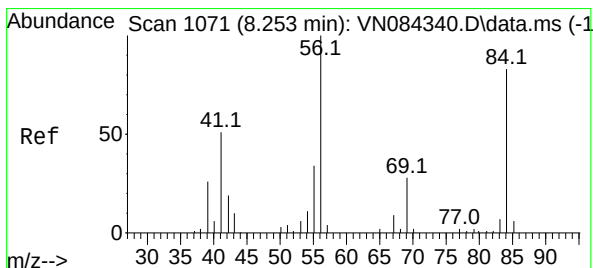
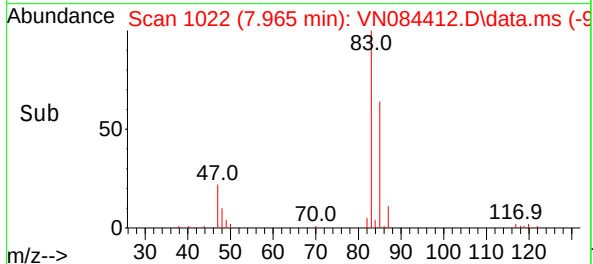
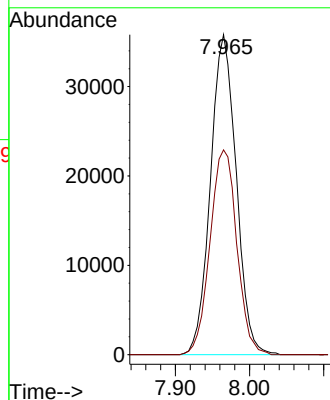
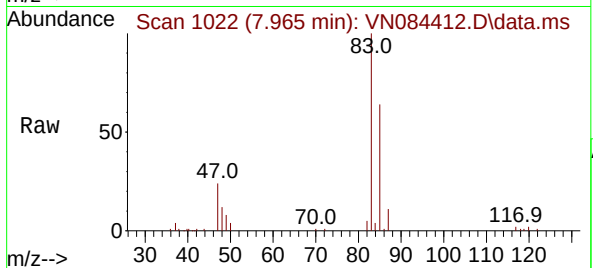
ClientSampleId :

Tgt Ion: 83 Resp: 86449

Ion Ratio Lower Upper

83 100

85 64.0 52.4 78.6



#26

Cyclohexane

Concen: 18.241 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.006 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

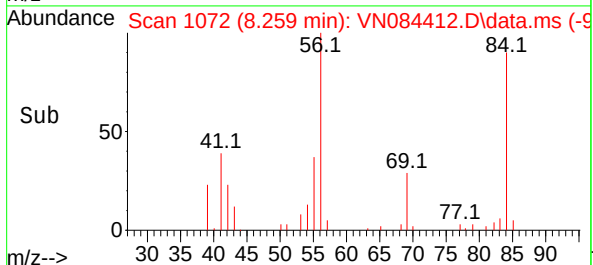
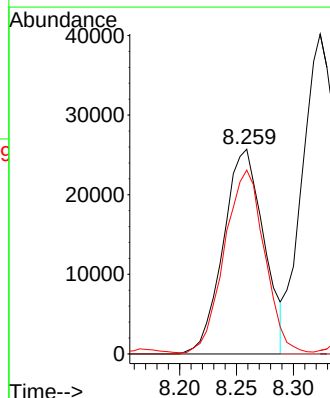
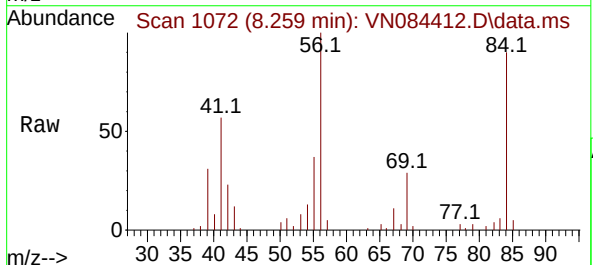
Tgt Ion: 56 Resp: 63895

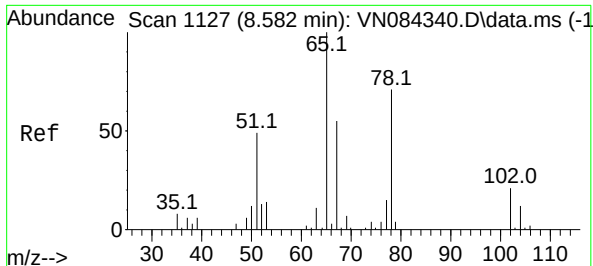
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.3 67.0 100.6

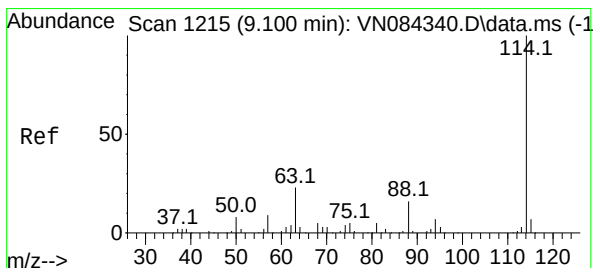
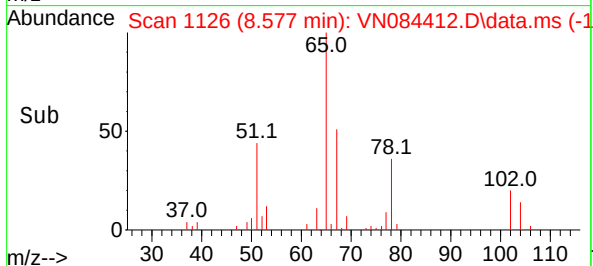
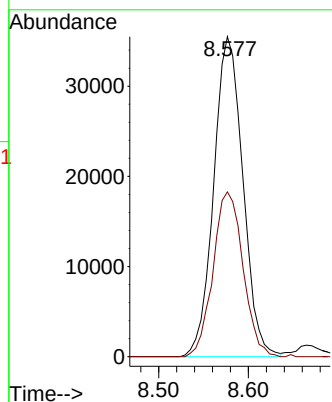
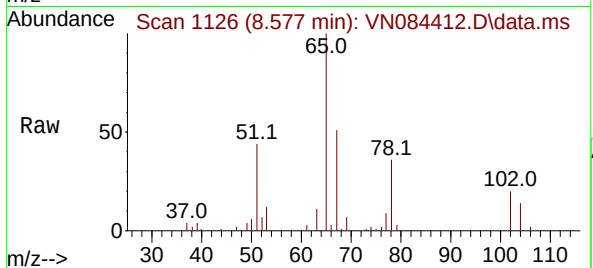




#27
1,2-Dichloroethane-d4
Concen: 29.583 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

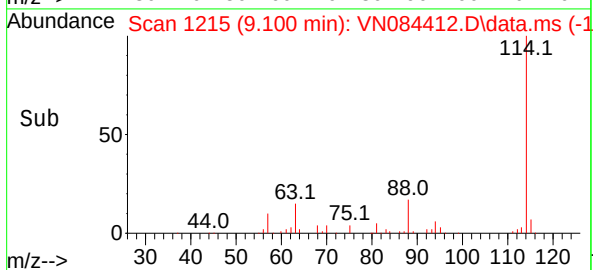
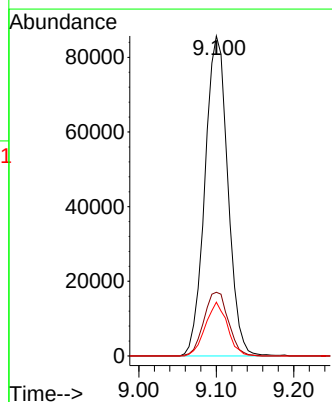
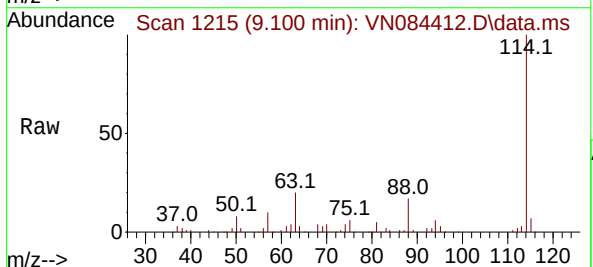
Instrument :
MSVOA_N
ClientSampleId :

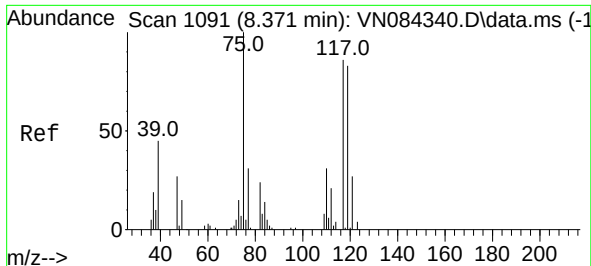
Tgt Ion: 65 Resp: 80105
Ion Ratio Lower Upper
65 100
67 52.8 41.5 62.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion:114 Resp: 175881
Ion Ratio Lower Upper
114 100
63 21.3 17.4 26.0
88 16.1 13.2 19.8

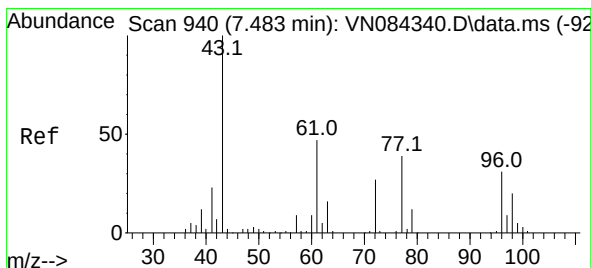
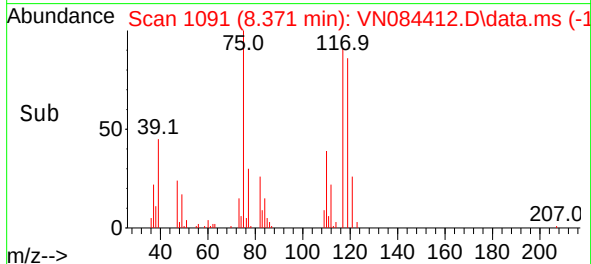
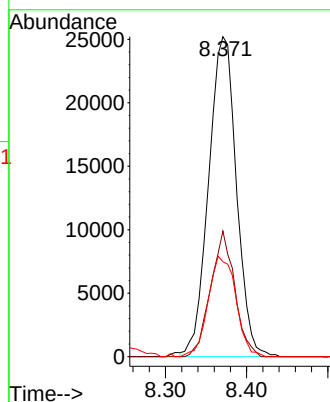
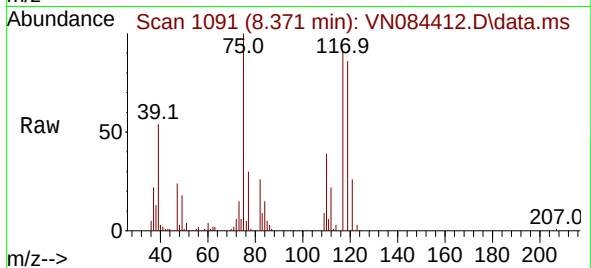




#29
1,1-Dichloropropene
Concen: 20.824 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

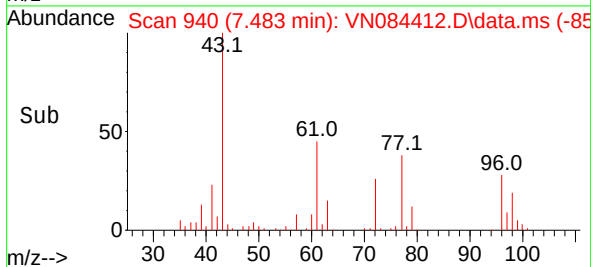
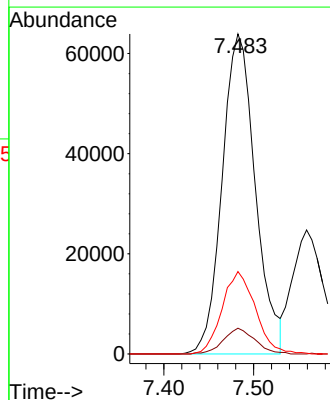
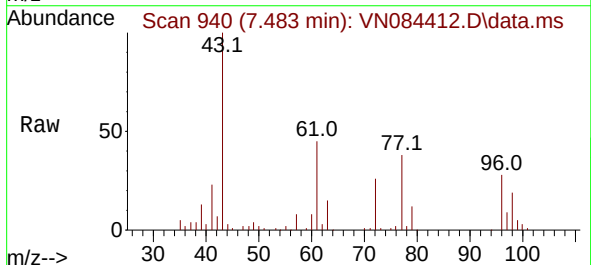
Instrument :
MSVOA_N
ClientSampleId :

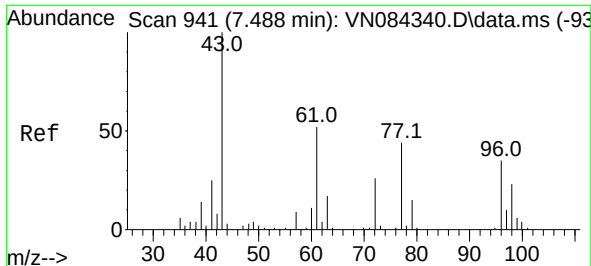
Tgt Ion: 75 Resp: 60125
Ion Ratio Lower Upper
75 100
110 34.0 0.0 67.6
77 31.1 0.0 61.4



#30
2-Butanone
Concen: 106.835 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 43 Resp: 164229
Ion Ratio Lower Upper
43 100
57 7.6 6.6 9.8
72 25.8 21.3 31.9

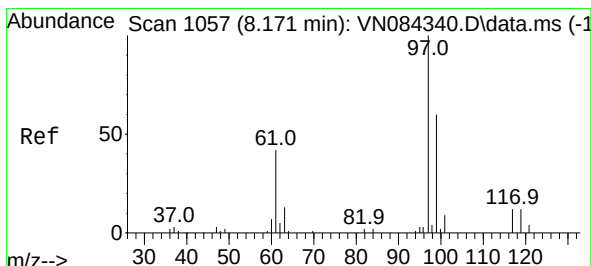
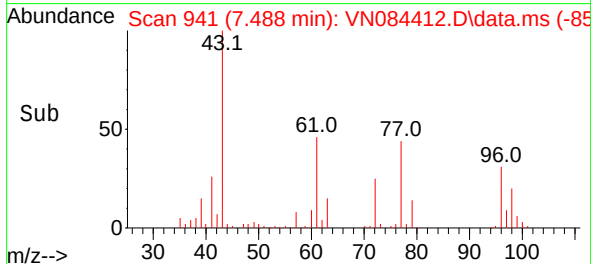
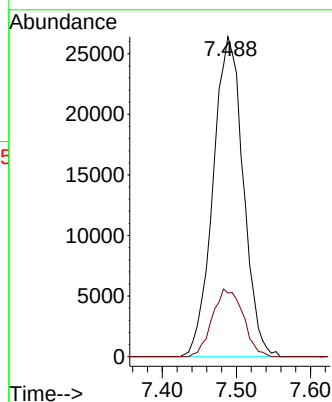
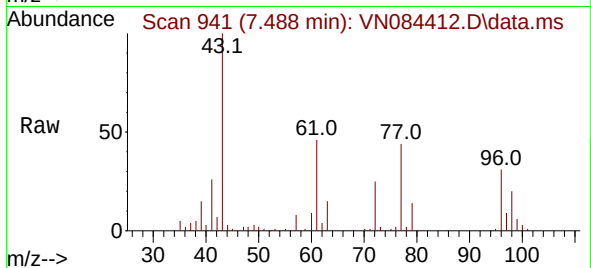




#31
2,2-Dichloropropane
Concen: 22.037 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

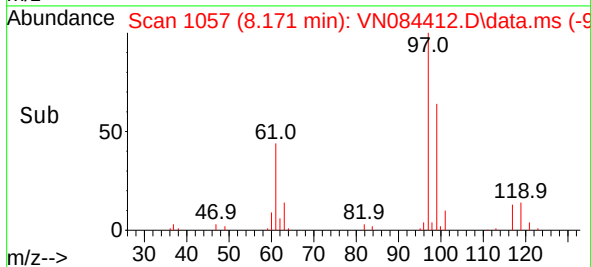
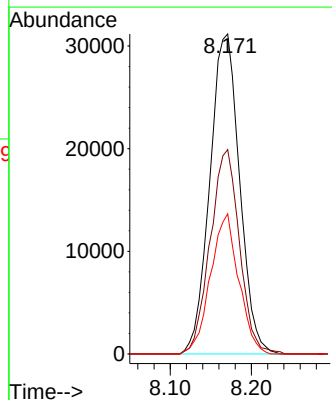
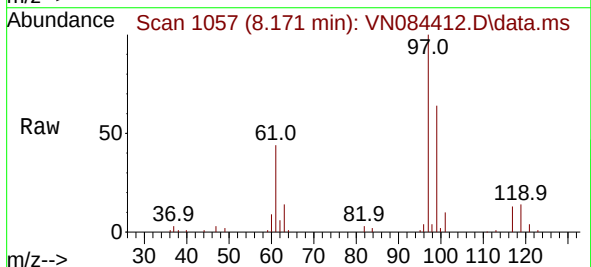
Instrument :
MSVOA_N
ClientSampleId :

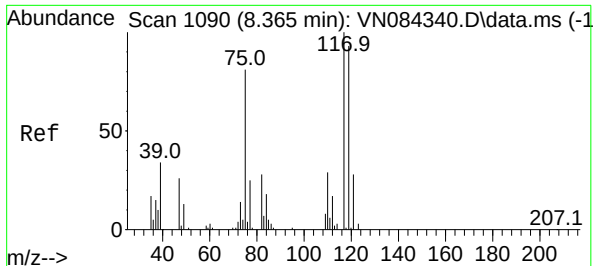
Tgt Ion: 77 Resp: 74769
Ion Ratio Lower Upper
77 100
97 21.6 11.5 17.3#



#32
1,1,1-Trichloroethane
Concen: 21.516 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 97 Resp: 79405
Ion Ratio Lower Upper
97 100
99 62.9 51.2 76.8
61 41.6 34.1 51.1





#33

Carbon Tetrachloride

Concen: 21.149 ug/l

RT: 8.359 min Scan# 1109

Delta R.T. -0.006 min

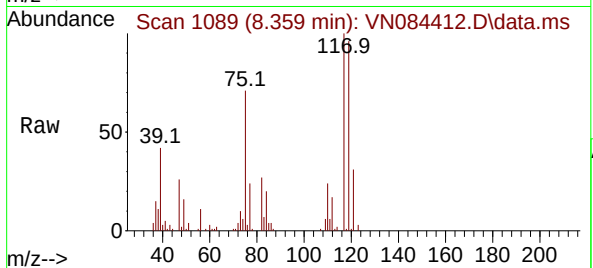
Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

ClientSampleId :



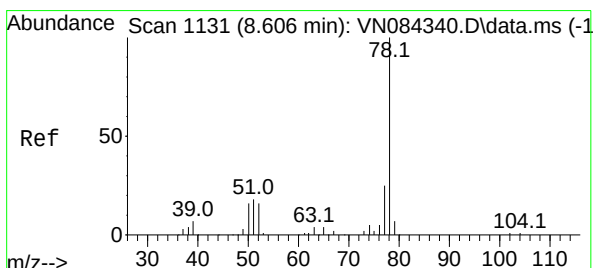
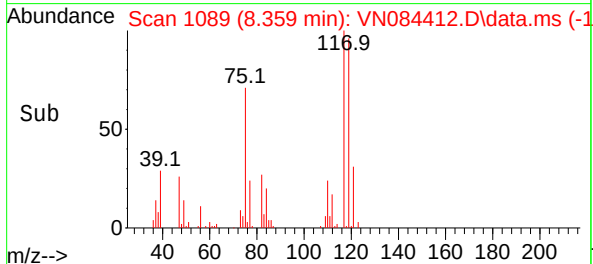
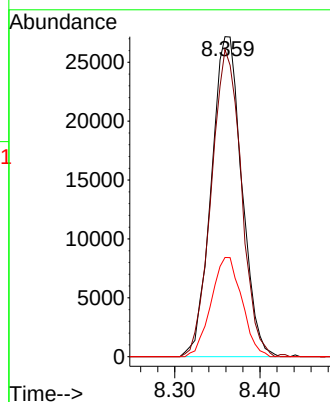
Tgt Ion:117 Resp: 67618

Ion Ratio Lower Upper

117 100

119 95.9 74.3 111.5

121 31.0 22.4 33.6



#34

Benzene

Concen: 20.833 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

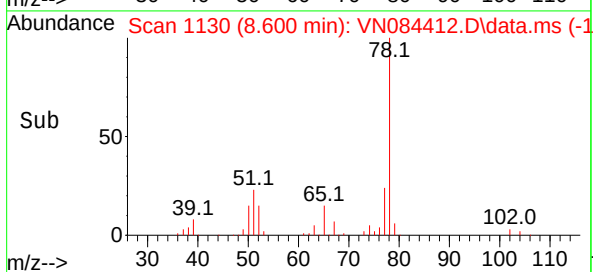
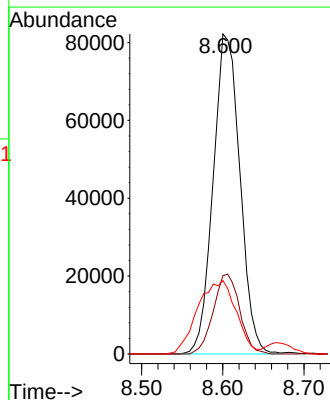
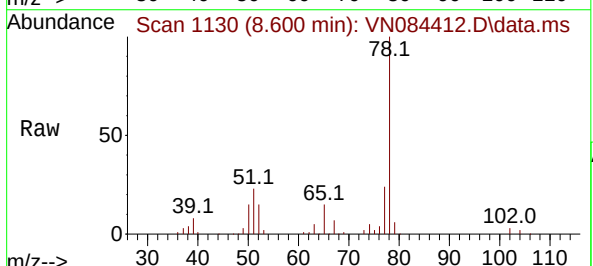
Tgt Ion: 78 Resp: 188288

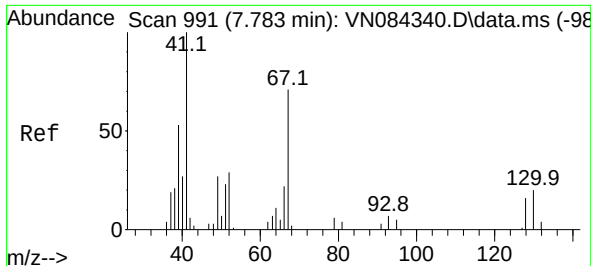
Ion Ratio Lower Upper

78 100

77 24.5 19.6 29.4

51 20.4 15.8 23.6



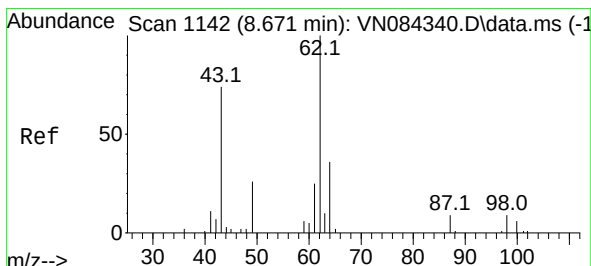
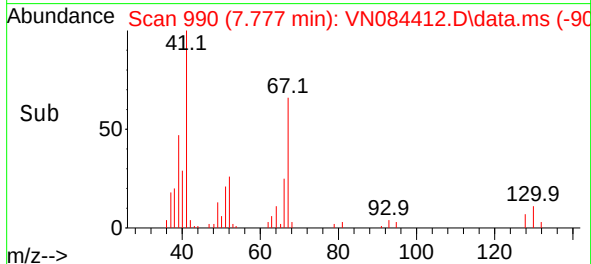
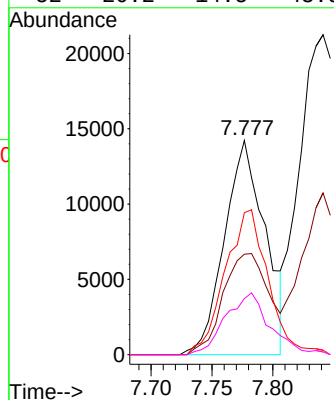
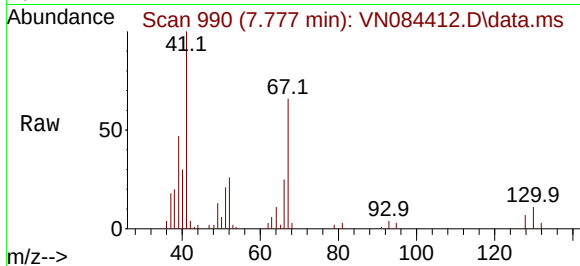


#35
Methacrylonitrile
Concen: 20.138 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 33025

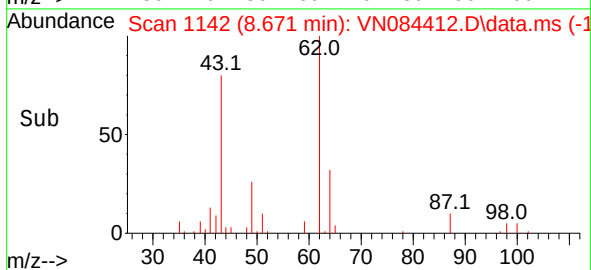
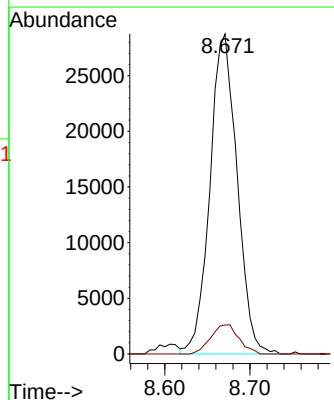
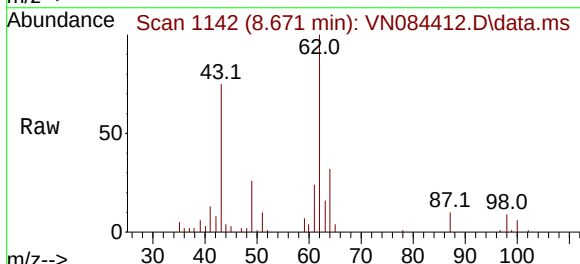
Ion	Ratio	Lower	Upper
41	100		
39	46.9	26.4	79.0
67	66.3	35.7	107.1
52	26.2	14.5	43.5

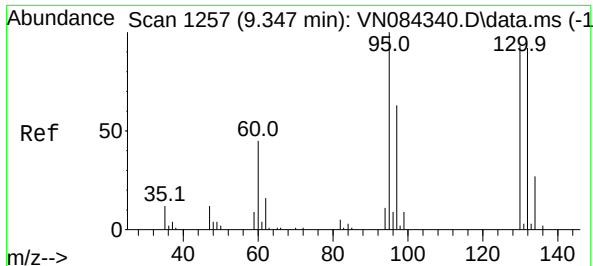


#36
1,2-Dichloroethane
Concen: 21.182 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 62 Resp: 63813

Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.3	10.9





#37

Trichloroethene

Concen: 20.551 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

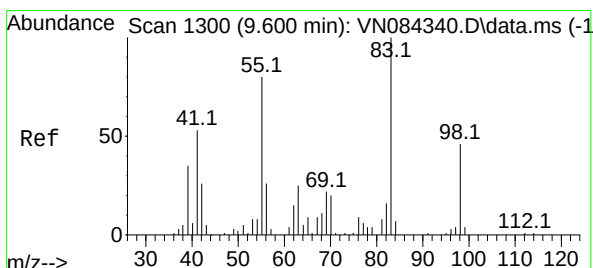
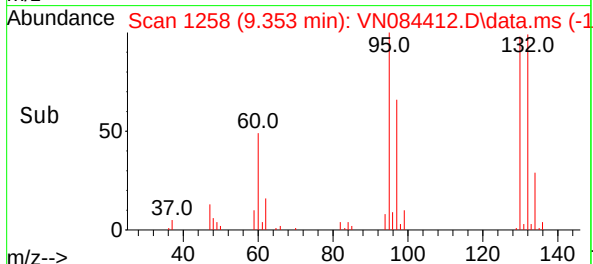
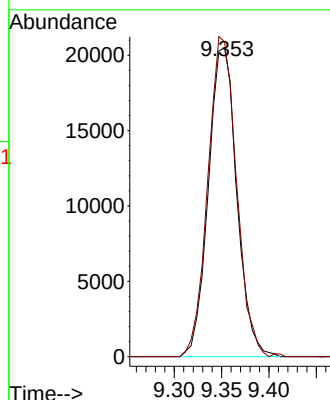
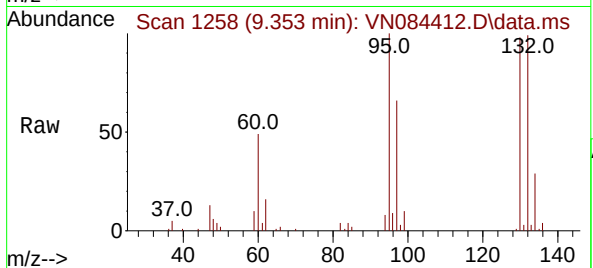
ClientSampleId :

Tgt Ion:130 Resp: 42770

Ion Ratio Lower Upper

130 100

95 102.0 85.8 128.6



#38

Methylcyclohexane

Concen: 19.114 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

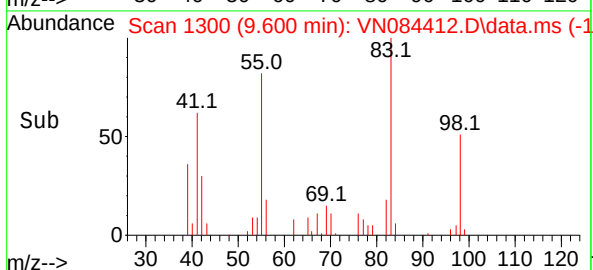
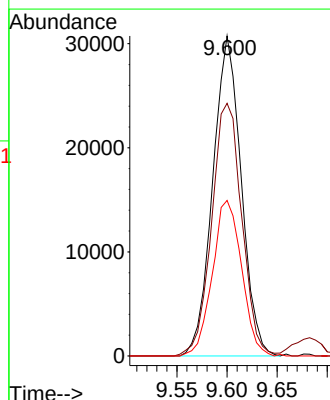
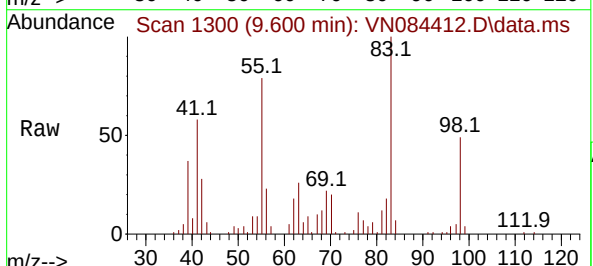
Tgt Ion: 83 Resp: 60619

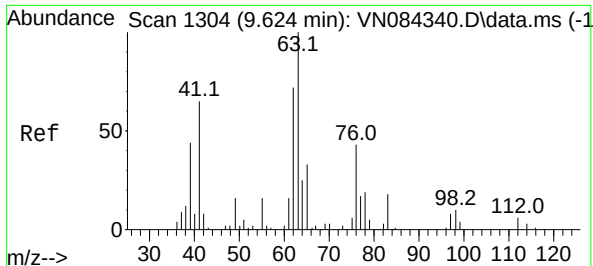
Ion Ratio Lower Upper

83 100

55 83.4 39.3 117.8

98 50.0 24.0 72.0

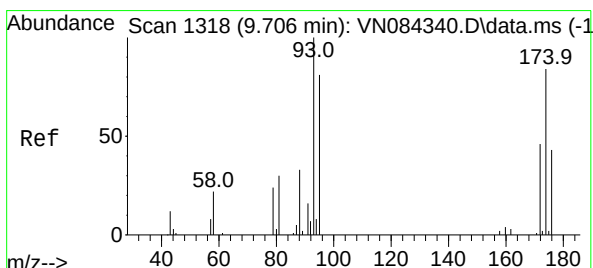
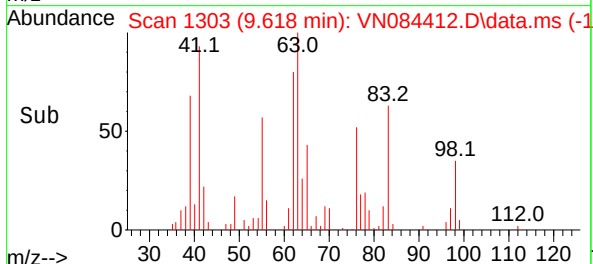
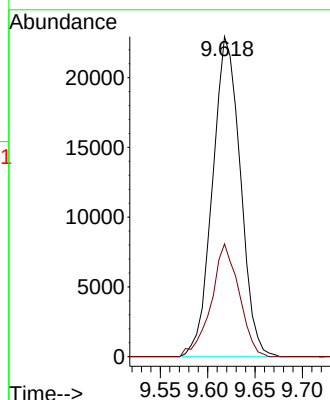
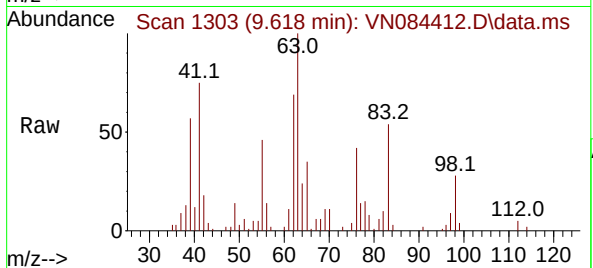




#39
1,2-Dichloropropane
Concen: 21.294 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

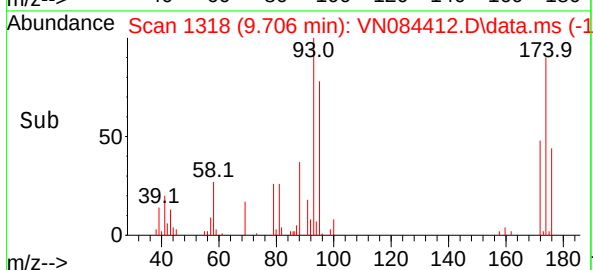
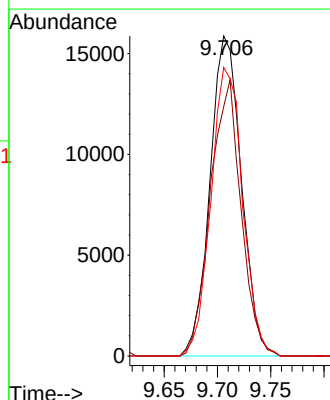
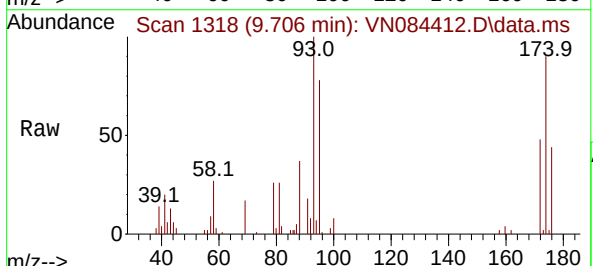
Instrument :
MSVOA_N
ClientSampleId :

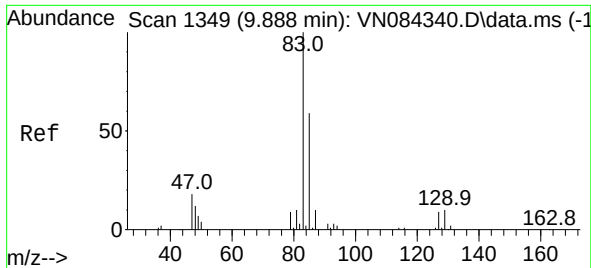
Tgt Ion: 63 Resp: 46930
Ion Ratio Lower Upper
63 100
65 35.3 26.3 39.5



#40
Dibromomethane
Concen: 21.095 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 93 Resp: 32493
Ion Ratio Lower Upper
93 100
95 84.1 0.0 171.4
174 91.2 0.0 183.0

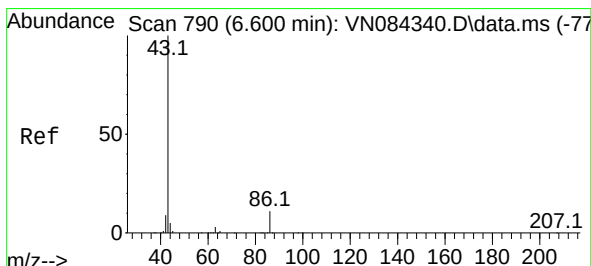
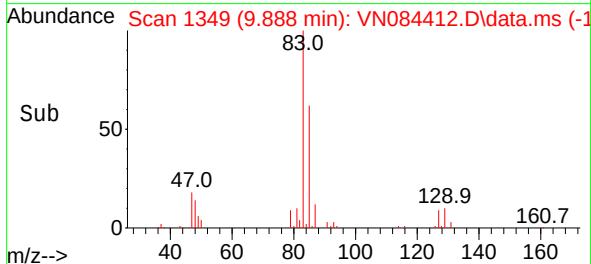
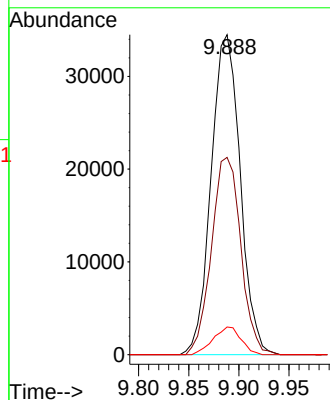
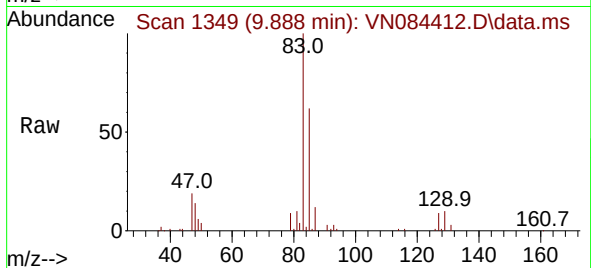




#41
Bromodichloromethane
Concen: 21.292 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

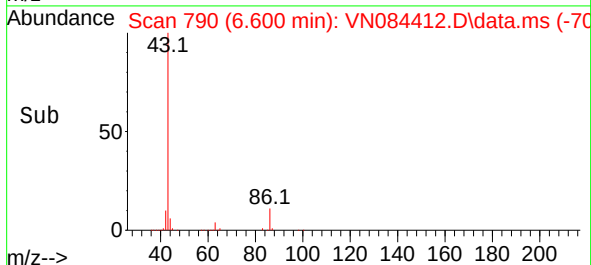
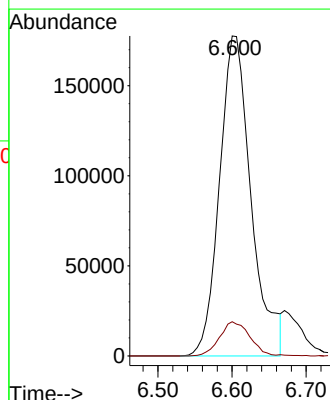
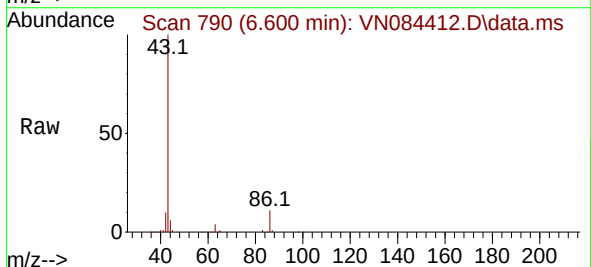
Instrument :
MSVOA_N
ClientSampleId :

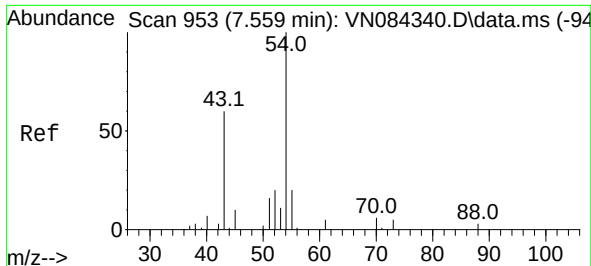
Tgt Ion: 83 Resp: 69624
Ion Ratio Lower Upper
83 100
85 61.7 47.1 70.7
127 8.6 7.1 10.7



#42
Vinyl Acetate
Concen: 98.516 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 43 Resp: 526695
Ion Ratio Lower Upper
43 100
86 10.2 8.5 12.7





#43

Ethyl Acetate

Concen: 19.770 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min MSVOA_N

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

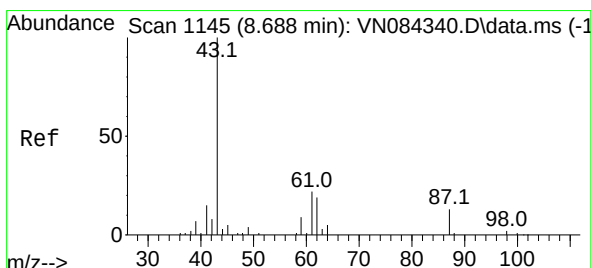
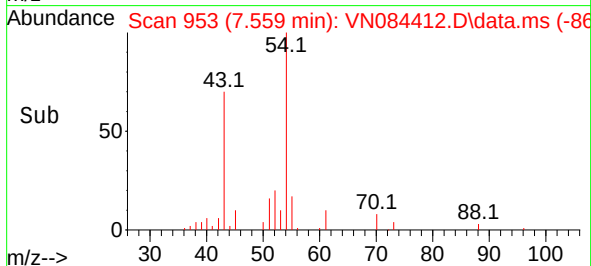
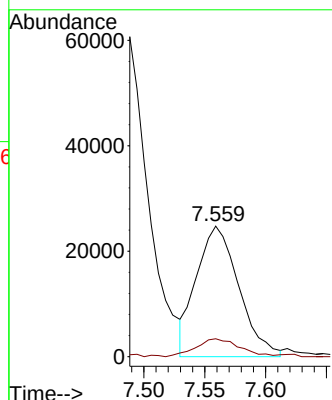
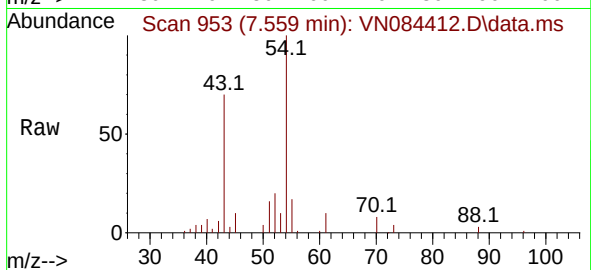
ClientSampleId :

Tgt Ion: 43 Resp: 59936

Ion Ratio Lower Upper

43 100

45 14.1 10.6 16.0



#44

Isopropyl Acetate

Concen: 19.706 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN084412.D

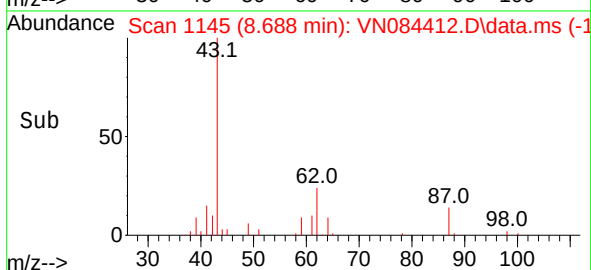
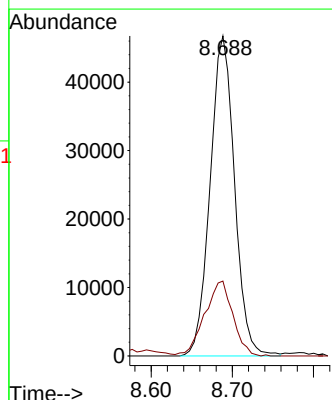
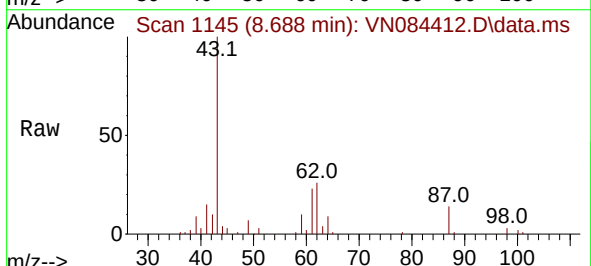
Acq: 15 Oct 2024 13:15

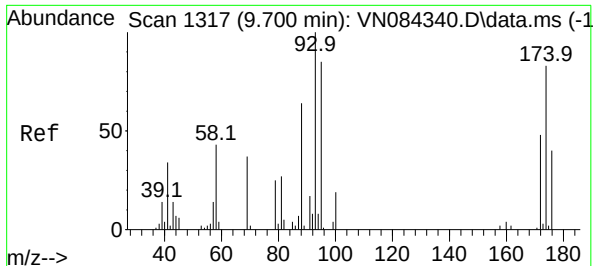
Tgt Ion: 43 Resp: 97785

Ion Ratio Lower Upper

43 100

61 26.9 21.4 32.2





#45

1,4-Dioxane

Concen: 417.891 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

ClientSampleId :

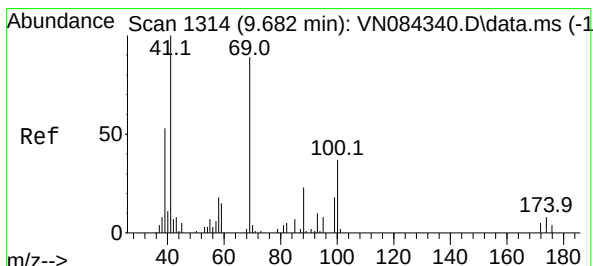
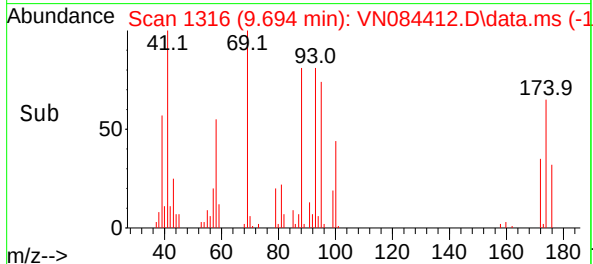
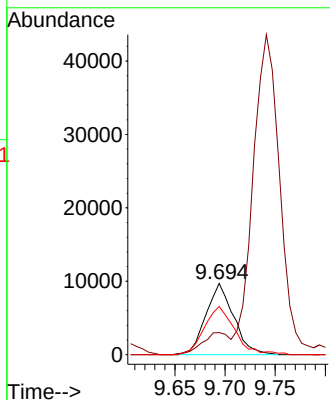
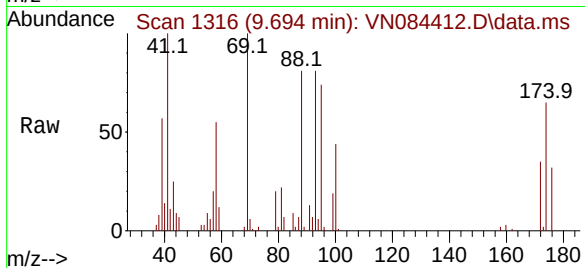
Tgt Ion: 88 Resp: 18693

Ion Ratio Lower Upper

88 100

43 30.7 22.4 33.6

58 72.1 59.7 89.5



#46

Methyl methacrylate

Concen: 19.468 ug/l

RT: 9.676 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

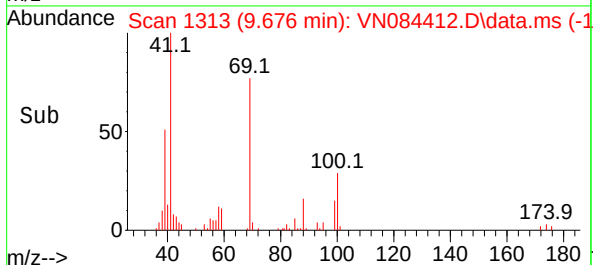
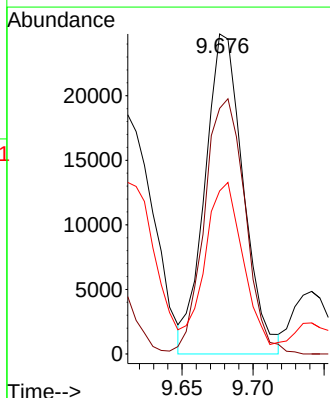
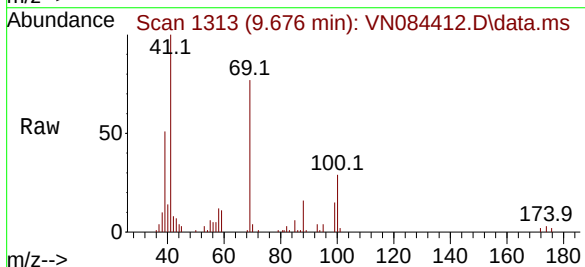
Tgt Ion: 41 Resp: 46675

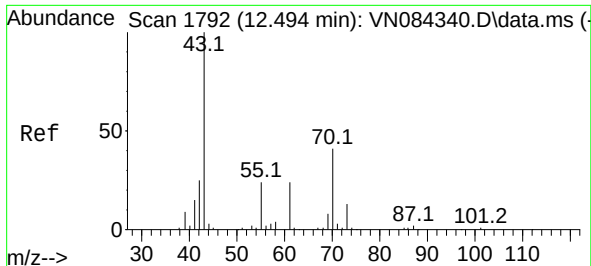
Ion Ratio Lower Upper

41 100

69 79.3 42.6 128.0

39 50.4 27.5 82.4





#47

n-amyl acetate

Concen: 19.306 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

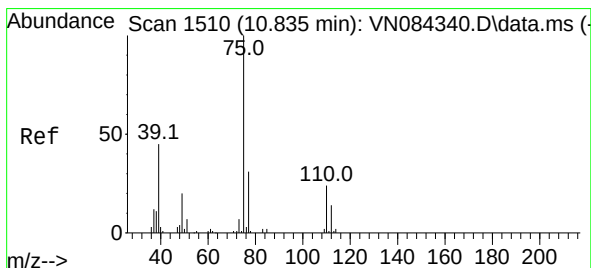
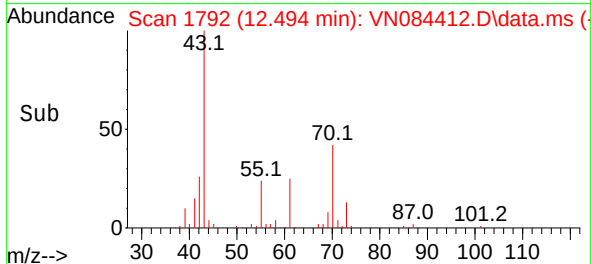
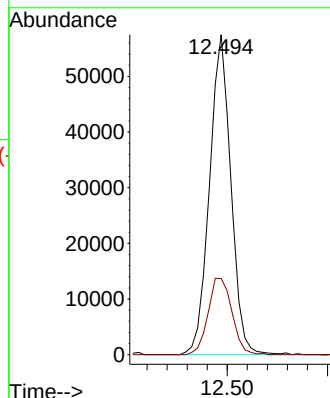
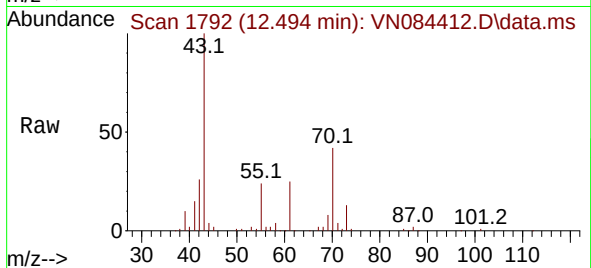
ClientSampleId :

Tgt Ion: 43 Resp: 85211

Ion Ratio Lower Upper

43 100

55 26.7 20.6 31.0



#48

t-1,3-Dichloropropene

Concen: 19.635 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN084412.D

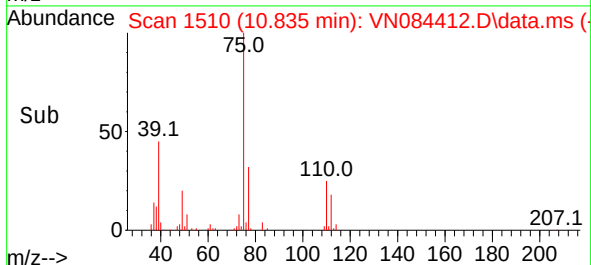
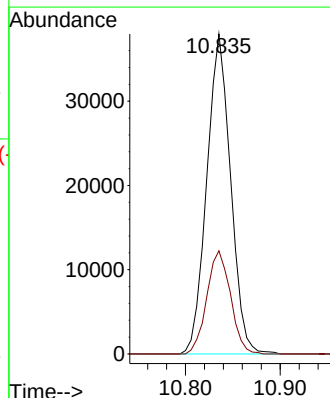
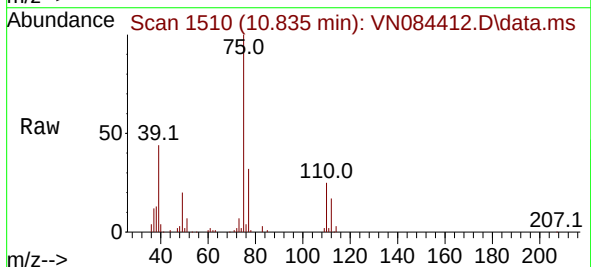
Acq: 15 Oct 2024 13:15

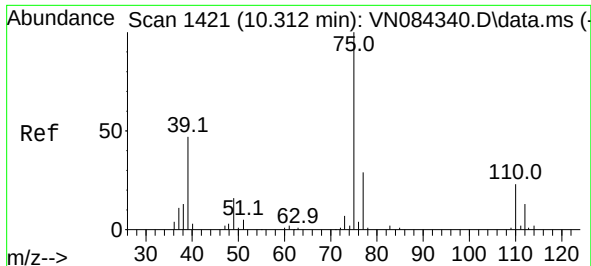
Tgt Ion: 75 Resp: 66349

Ion Ratio Lower Upper

75 100

77 32.3 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 20.991 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

ClientSampleId :

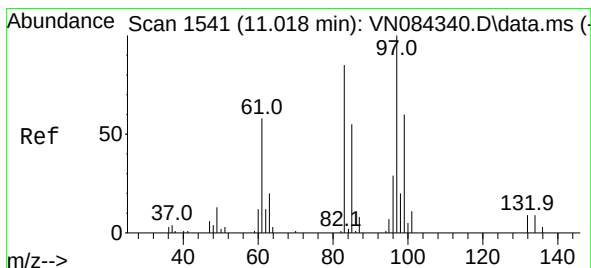
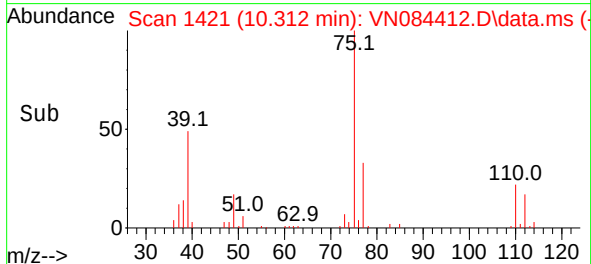
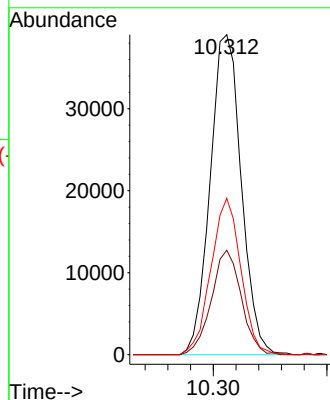
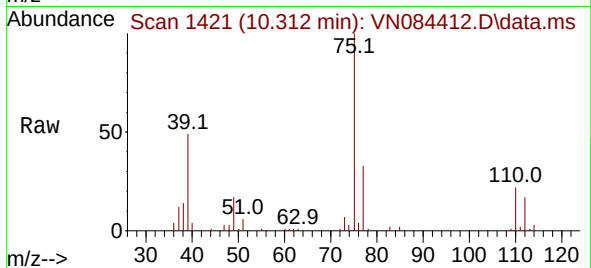
Tgt Ion: 75 Resp: 74336

Ion Ratio Lower Upper

75 100

77 32.6 22.9 34.3

39 48.9 37.4 56.2



#50

1,1,2-Trichloroethane

Concen: 21.298 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Tgt Ion: 97 Resp: 44095

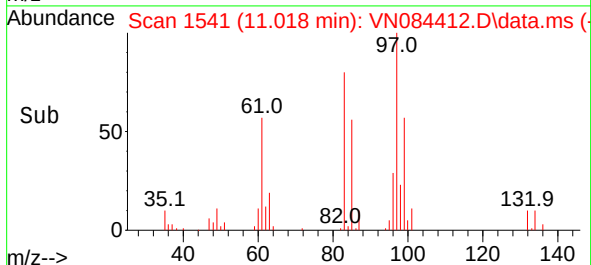
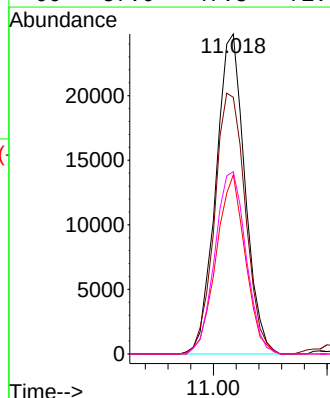
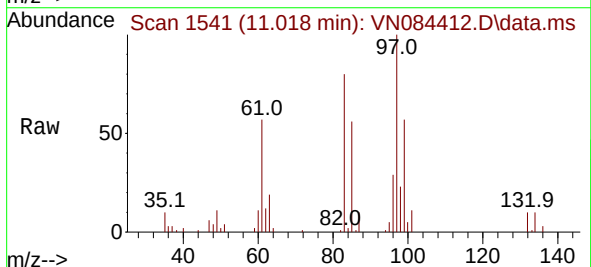
Ion Ratio Lower Upper

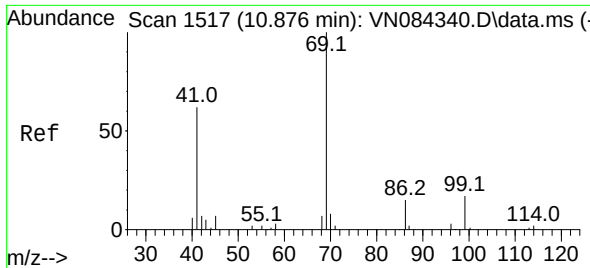
97 100

83 80.2 67.8 101.8

85 56.0 44.2 66.2

99 57.0 47.8 71.8

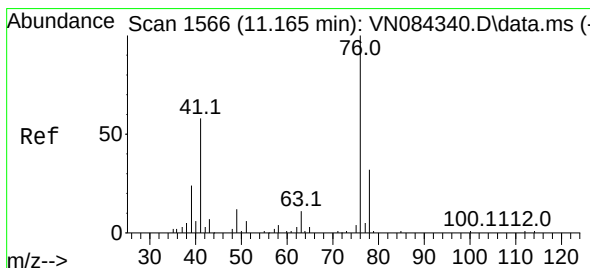
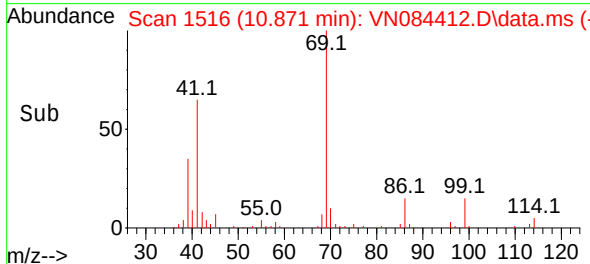
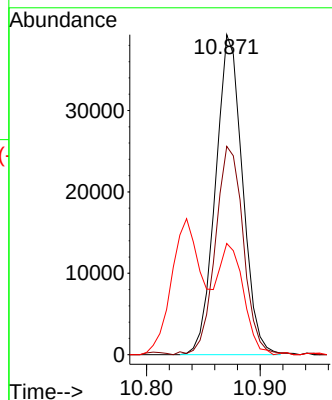
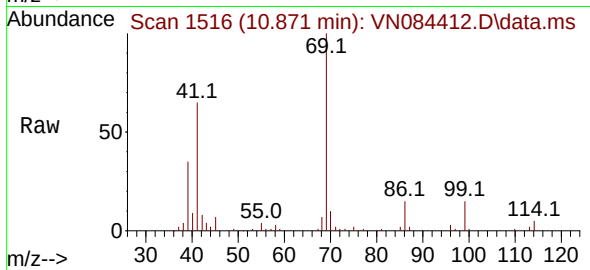




#51
Ethyl methacrylate
Concen: 18.965 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

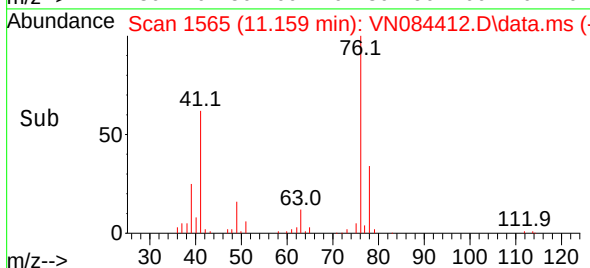
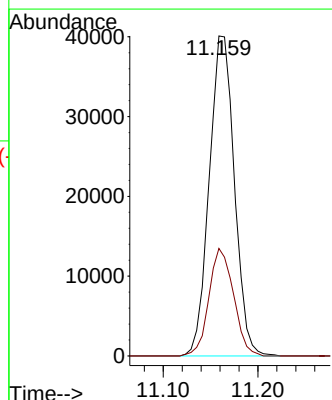
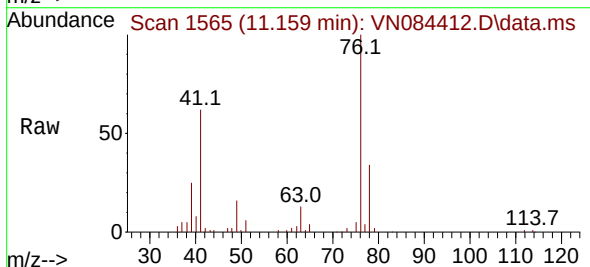
Instrument :
MSVOA_N
ClientSampleId :

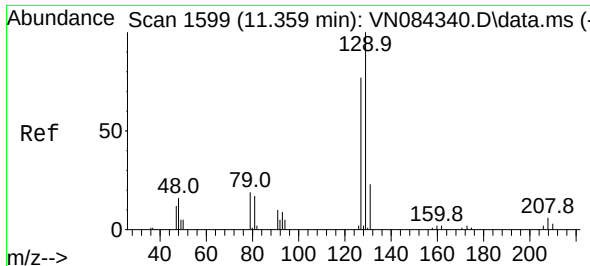
Tgt Ion: 69 Resp: 64857
Ion Ratio Lower Upper
69 100
41 64.5 30.9 92.7
39 34.4 16.6 49.7



#52
1,3-Dichloropropane
Concen: 20.466 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 76 Resp: 74091
Ion Ratio Lower Upper
76 100
78 32.9 0.0 64.2





#53

Dibromochloromethane

Concen: 20.537 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

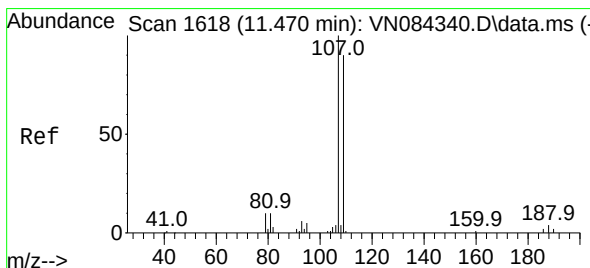
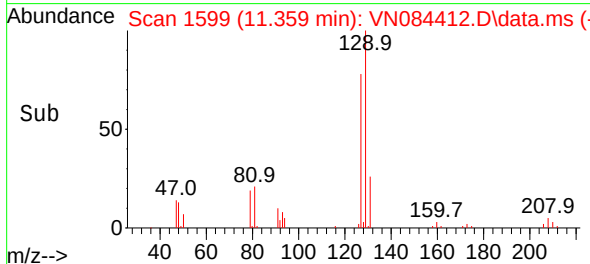
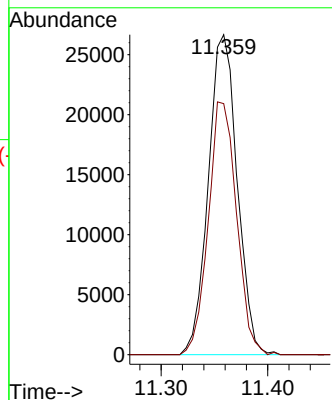
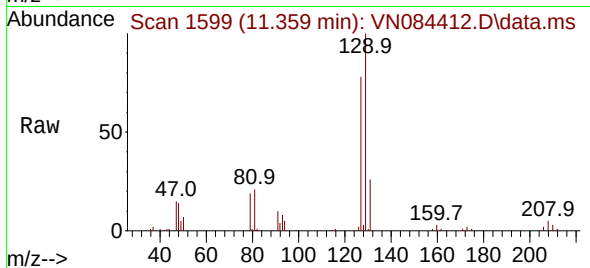
ClientSampleId :

Tgt Ion:129 Resp: 50229

Ion Ratio Lower Upper

129 100

127 77.1 38.5 115.5



#54

1,2-Dibromoethane

Concen: 20.548 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. -0.006 min

Lab File: VN084412.D

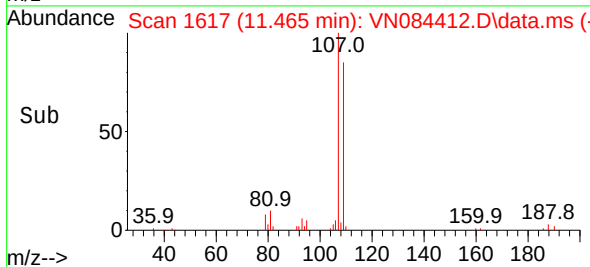
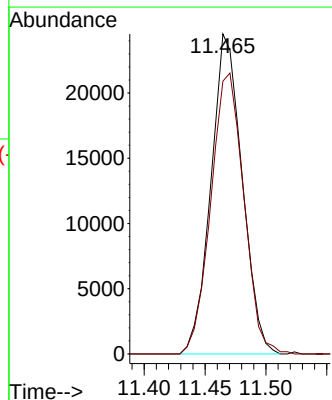
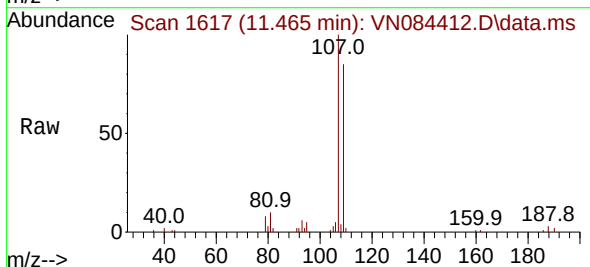
Acq: 15 Oct 2024 13:15

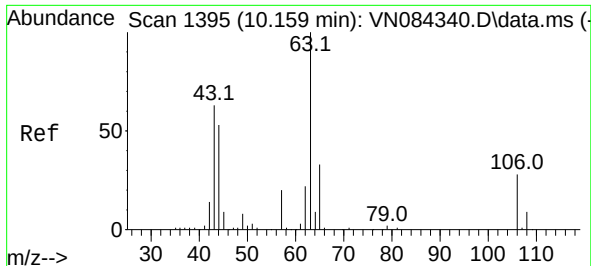
Tgt Ion:107 Resp: 43791

Ion Ratio Lower Upper

107 100

109 92.6 73.8 110.6

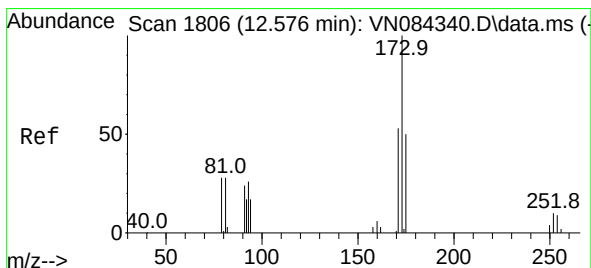
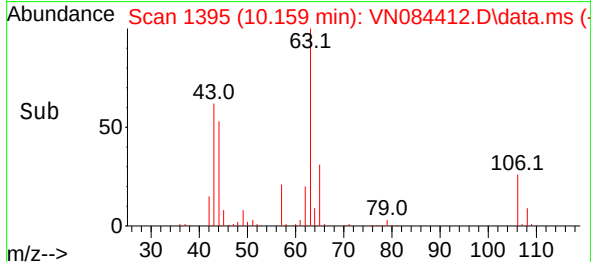
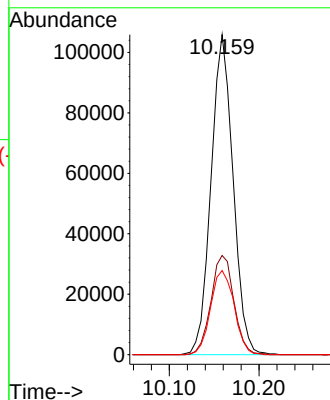
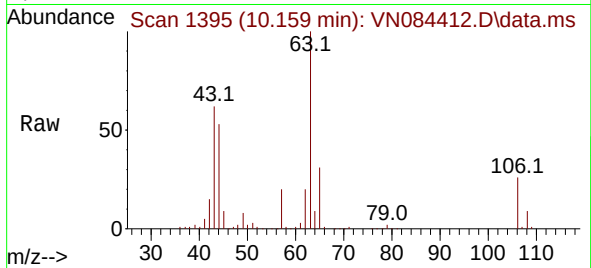




#55
2-Chloroethyl vinyl ether
Concen: 116.364 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

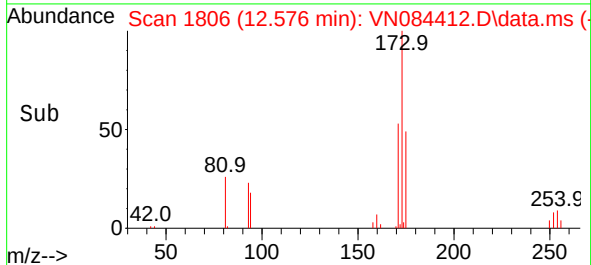
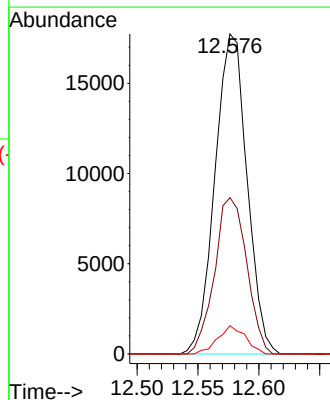
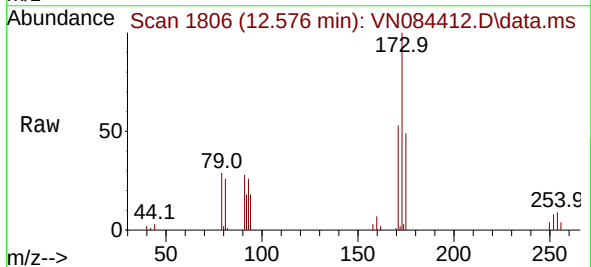
Instrument :
MSVOA_N
ClientSampleId :

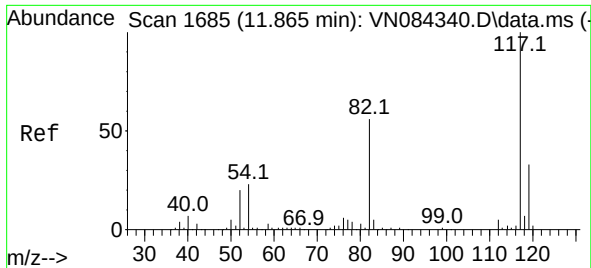
Tgt Ion: 63 Resp: 180488
Ion Ratio Lower Upper
63 100
65 32.3 25.6 38.4
106 28.1 21.6 32.4



#56
Bromoform
Concen: 20.024 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion:173 Resp: 32481
Ion Ratio Lower Upper
173 100
175 49.0 39.4 59.2
254 7.6 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: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

ClientSampleId :

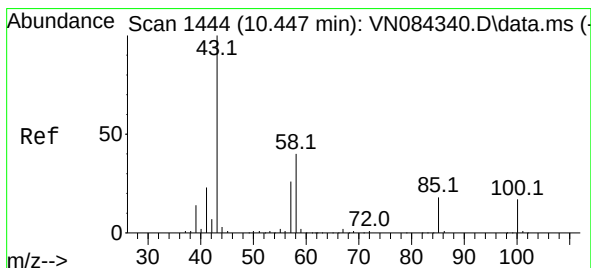
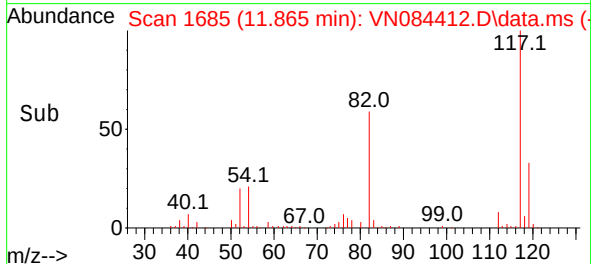
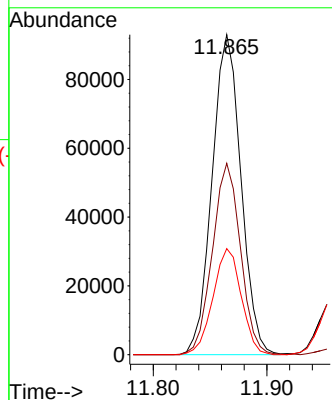
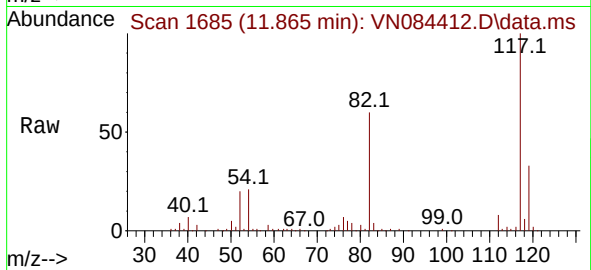
Tgt Ion:117 Resp: 164602

Ion Ratio Lower Upper

117 100

82 58.1 46.2 69.4

119 32.4 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 100.576 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.006 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

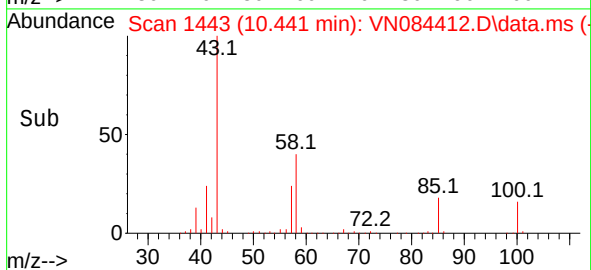
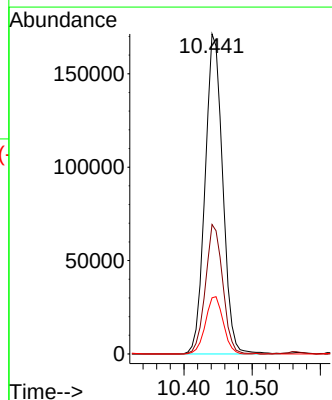
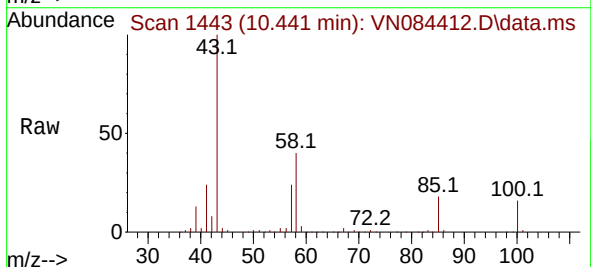
Tgt Ion: 43 Resp: 308394

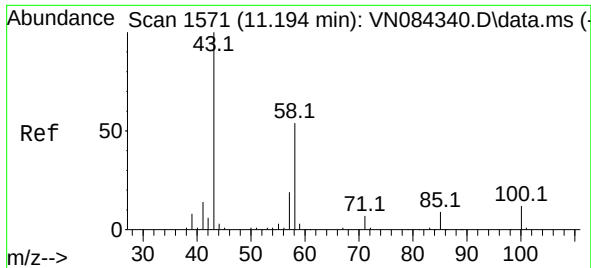
Ion Ratio Lower Upper

43 100

58 39.7 31.9 47.9

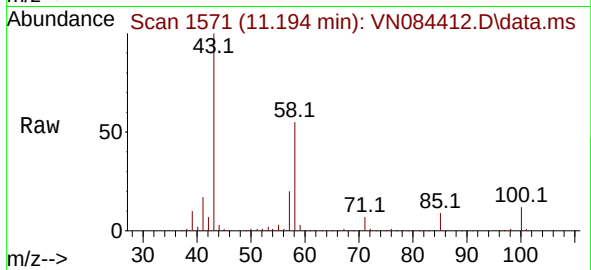
85 18.1 14.6 22.0



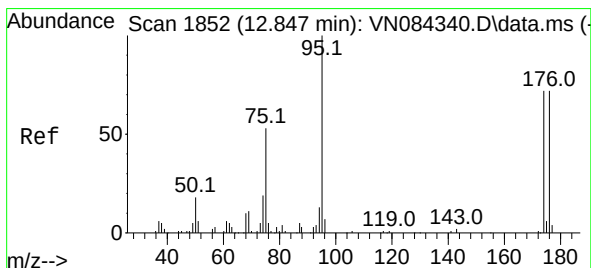
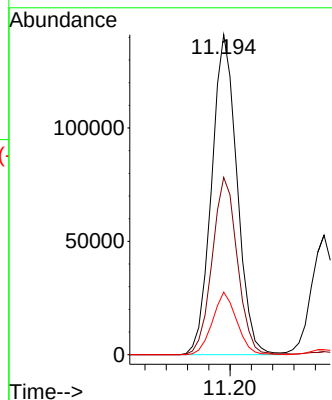
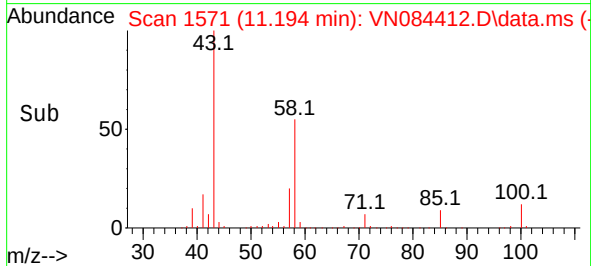


#59
2-Hexanone
Concen: 102.566 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Instrument :
MSVOA_N
ClientSampleId :

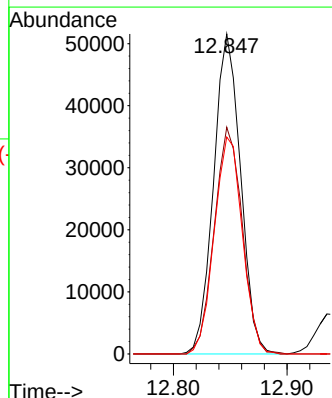
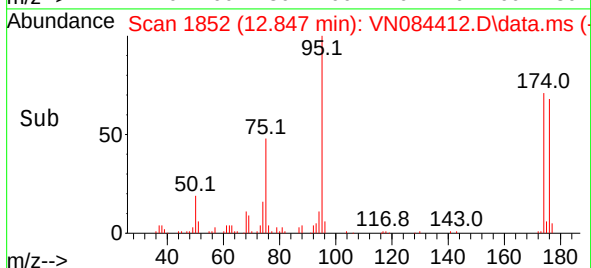
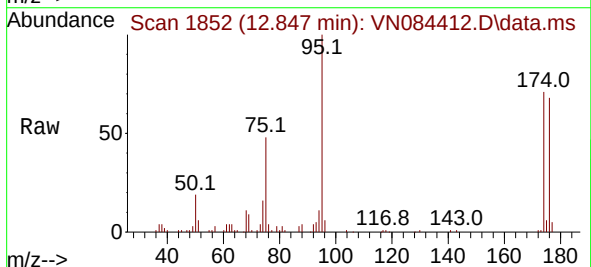


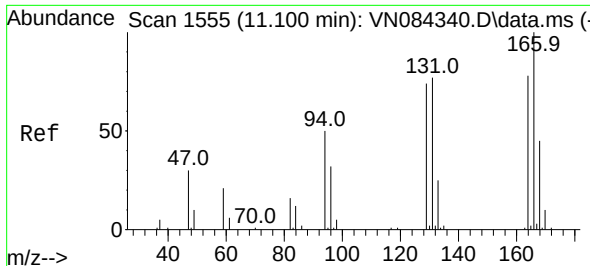
Tgt Ion: 43 Resp: 233695
Ion Ratio Lower Upper
43 100
58 54.8 44.0 66.0
57 18.7 15.4 23.2



#60
4-Bromofluorobenzene
Concen: 31.325 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

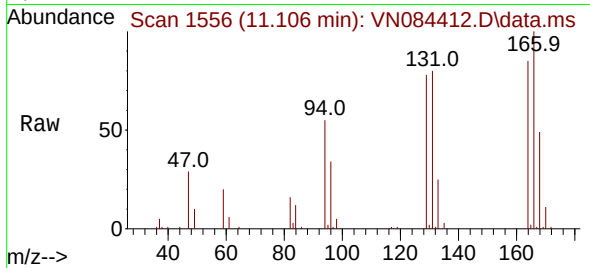
Tgt Ion: 95 Resp: 85097
Ion Ratio Lower Upper
95 100
174 73.2 58.2 87.2
176 70.7 56.4 84.6



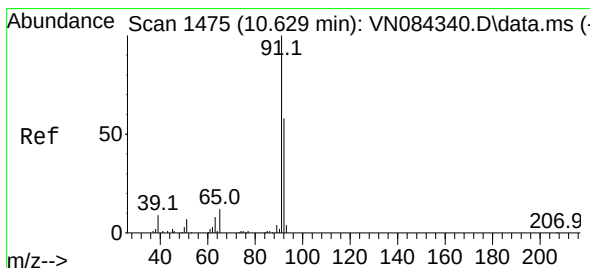
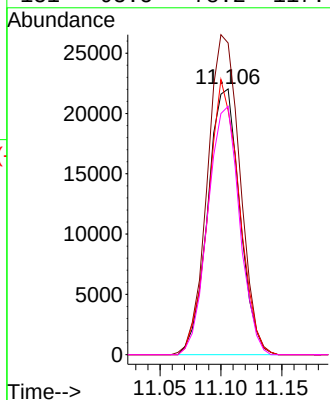
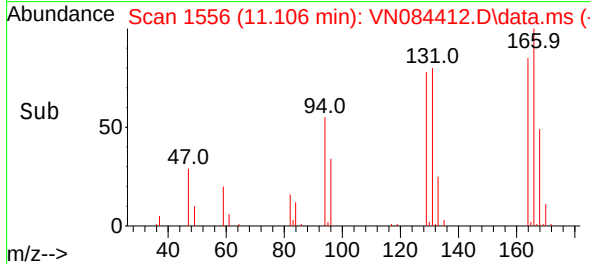


#61
Tetrachloroethene
Concen: 21.688 ug/l
RT: 11.106 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Instrument :
MSVOA_N
ClientSampleId :

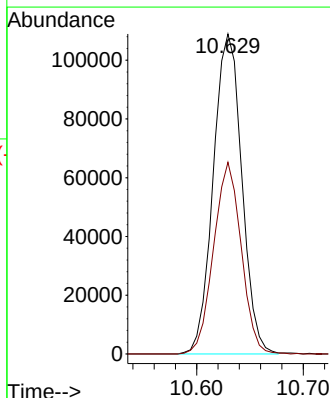
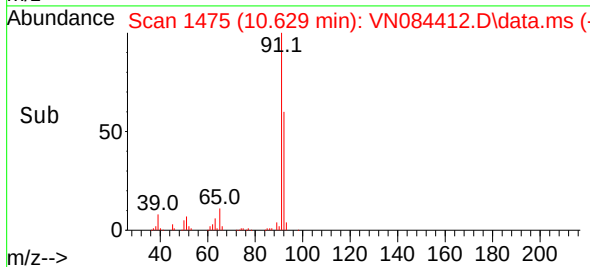
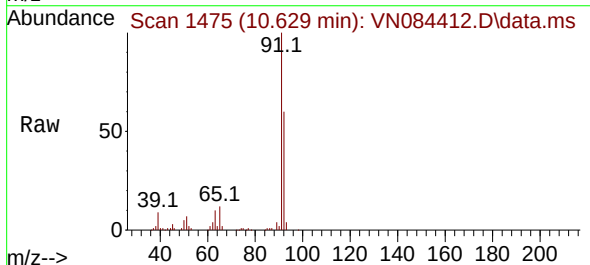


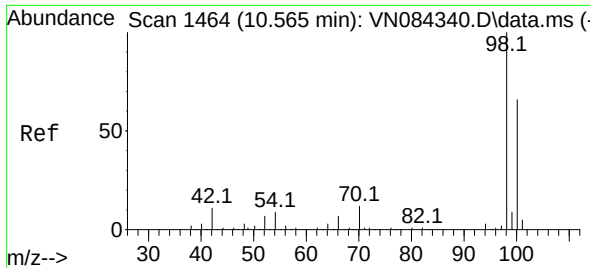
Tgt Ion:164 Resp: 40381
Ion Ratio Lower Upper
164 100
166 117.3 102.5 153.7
129 92.0 75.7 113.5
131 93.5 78.2 117.4



#62
Toluene
Concen: 21.044 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 91 Resp: 202786
Ion Ratio Lower Upper
91 100
92 57.8 47.2 70.8

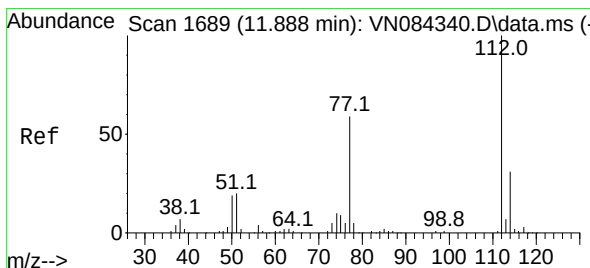
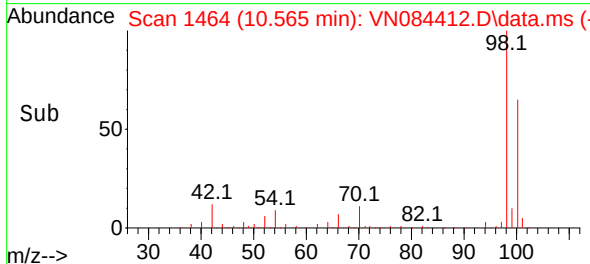
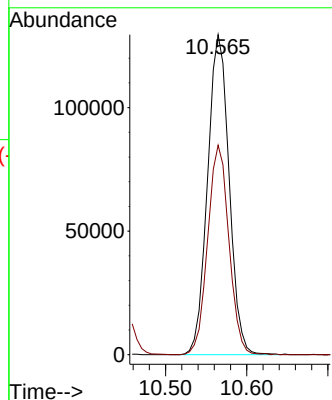
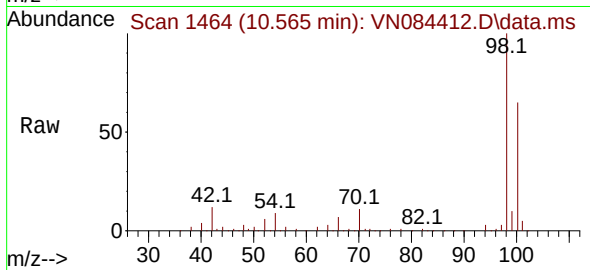




#63
Toluene-d8
Concen: 31.305 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

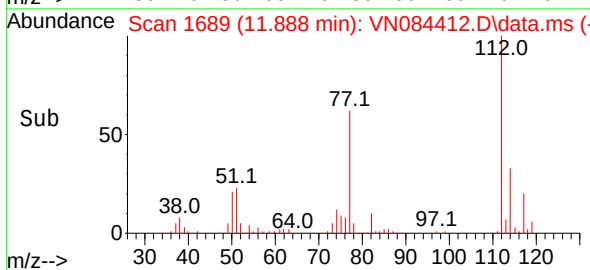
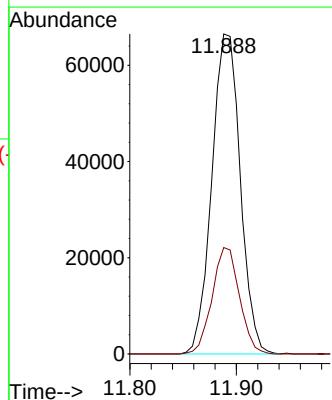
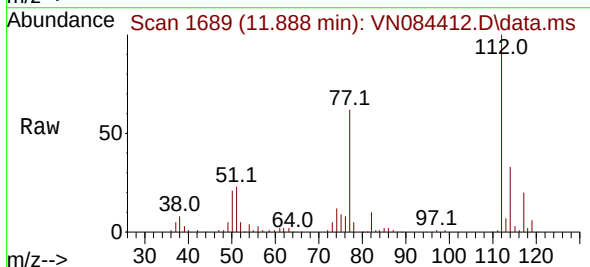
Instrument :
MSVOA_N
ClientSampleId :

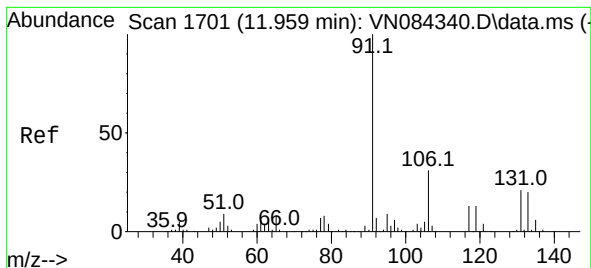
Tgt Ion: 98 Resp: 238715
Ion Ratio Lower Upper
98 100
100 64.3 52.5 78.7



#64
Chlorobenzene
Concen: 20.570 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 112 Resp: 123348
Ion Ratio Lower Upper
112 100
114 33.3 25.1 37.7

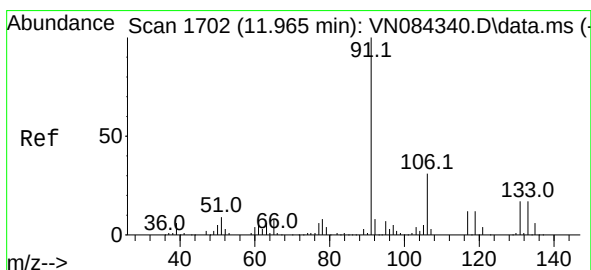
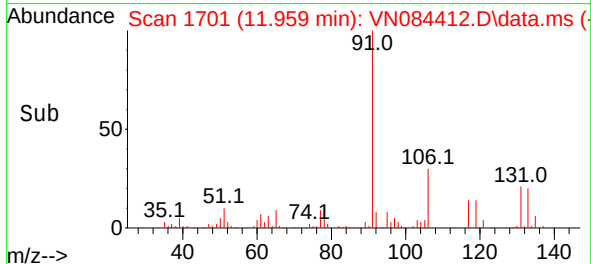
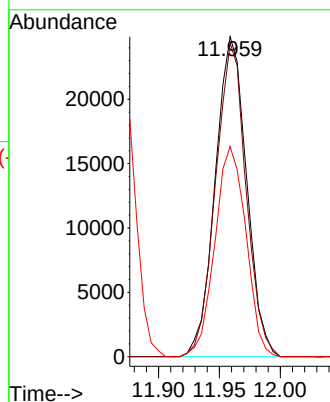
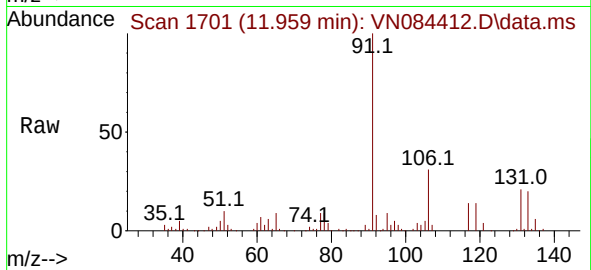




#65
1,1,1,2-Tetrachloroethane
Concen: 21.353 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

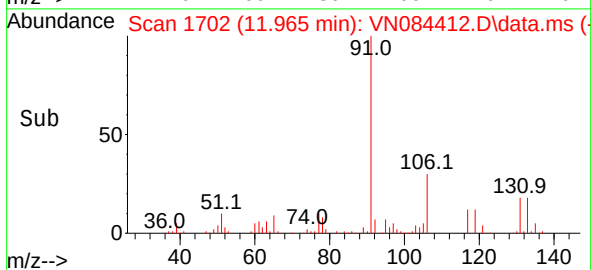
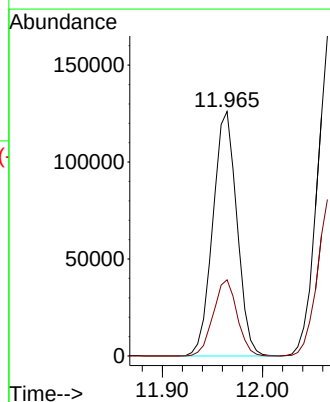
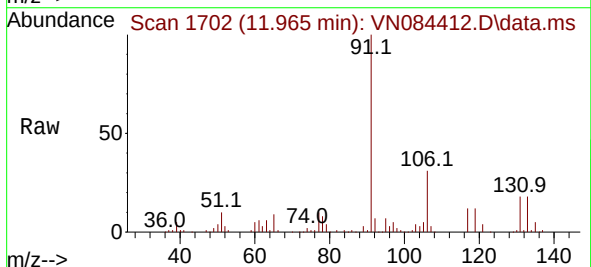
Instrument :
MSVOA_N
ClientSampleId :

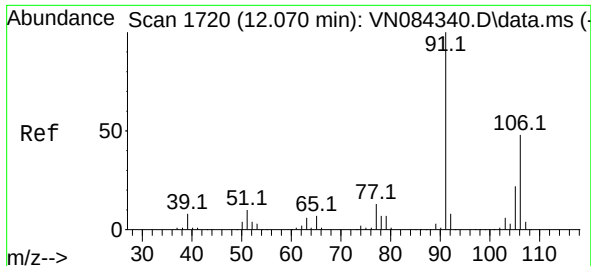
Tgt Ion:131 Resp: 44483
Ion Ratio Lower Upper
131 100
133 95.3 0.0 190.4
119 65.1 0.0 130.0



#66
Ethyl Benzene
Concen: 20.112 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 91 Resp: 210552
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8





#67

m/p-Xylenes

Concen: 42.474 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

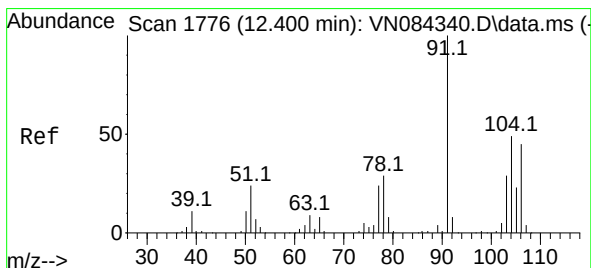
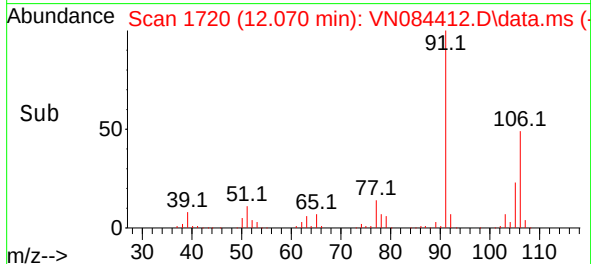
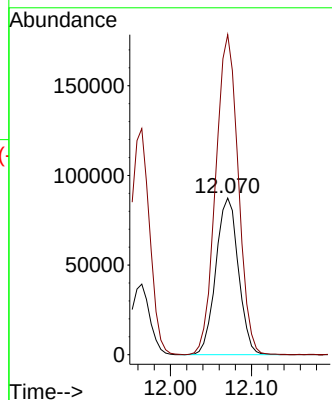
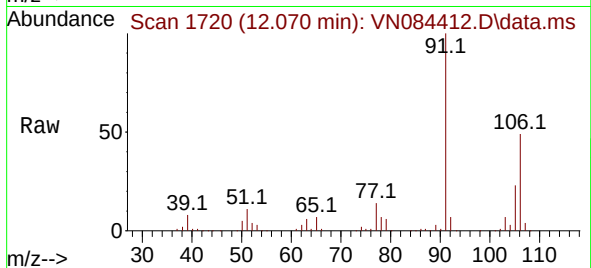
ClientSampleId :

Tgt Ion:106 Resp: 168685

Ion Ratio Lower Upper

106 100

91 204.6 166.7 250.1



#68

o-Xylene

Concen: 20.109 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN084412.D

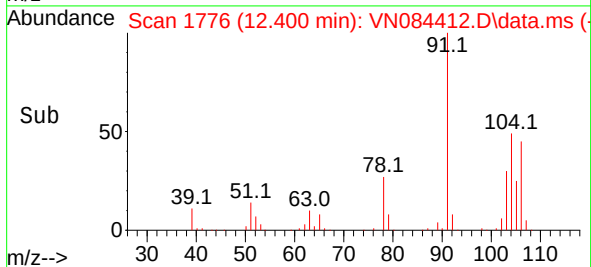
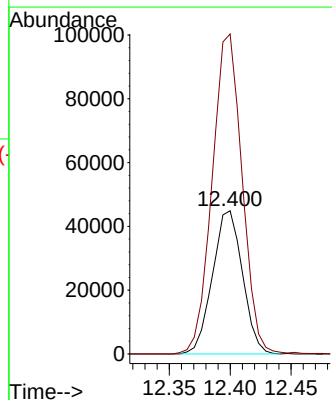
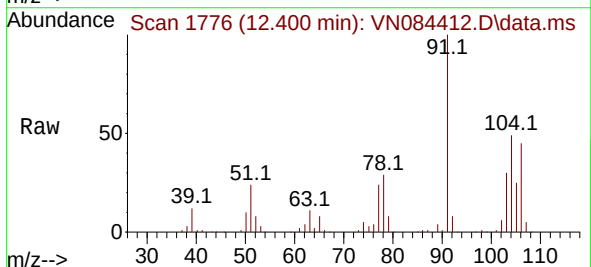
Acq: 15 Oct 2024 13:15

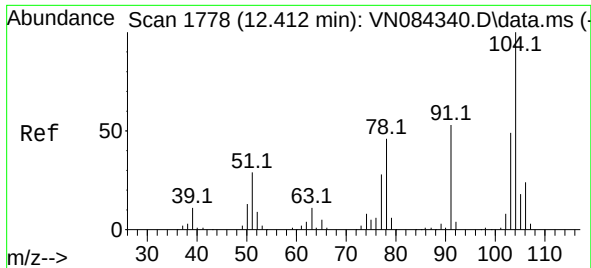
Tgt Ion:106 Resp: 76980

Ion Ratio Lower Upper

106 100

91 222.6 110.9 332.9





#69

Styrene

Concen: 20.207 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

ClientSampleId :

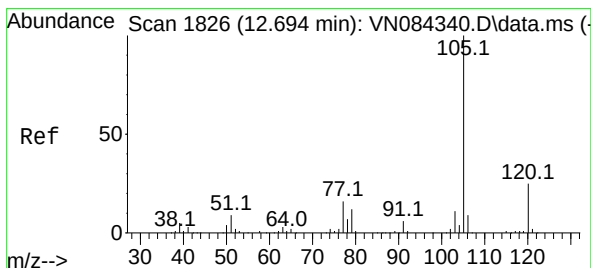
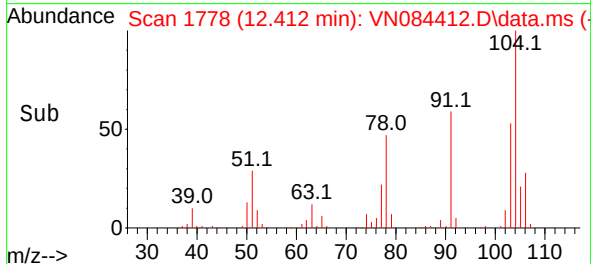
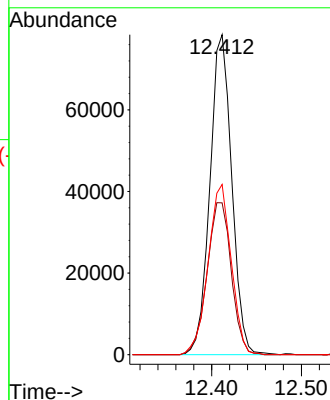
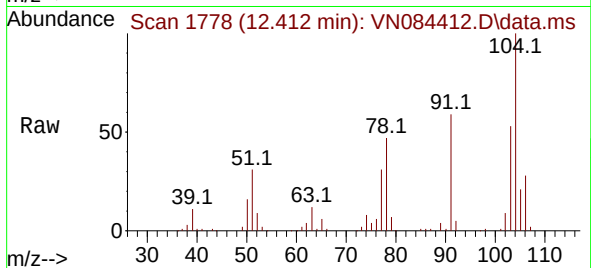
Tgt Ion:104 Resp: 132789

Ion Ratio Lower Upper

104 100

78 52.6 41.6 62.4

103 56.3 44.4 66.6



#70

Isopropylbenzene

Concen: 20.264 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084412.D

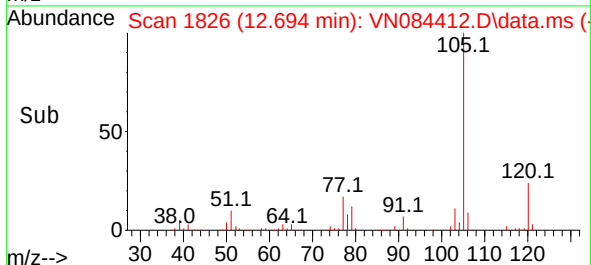
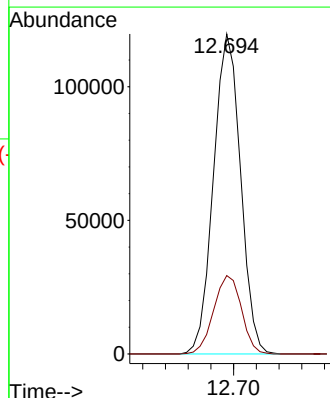
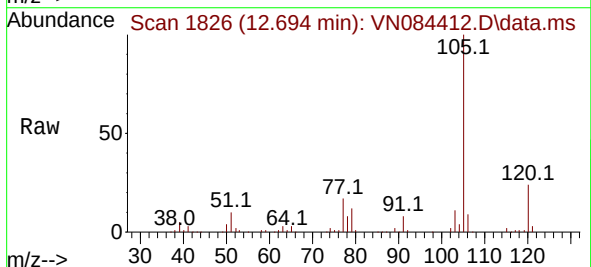
Acq: 15 Oct 2024 13:15

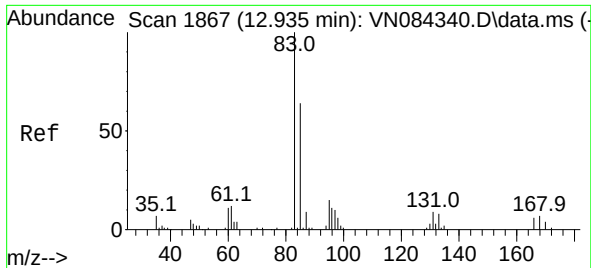
Tgt Ion:105 Resp: 198039

Ion Ratio Lower Upper

105 100

120 25.1 17.4 32.4

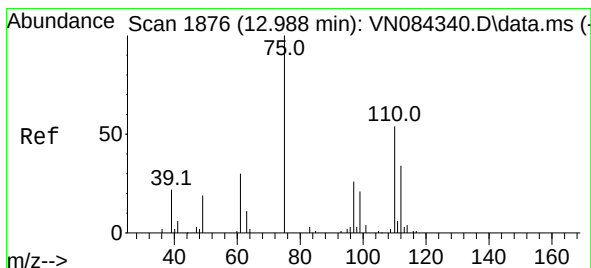
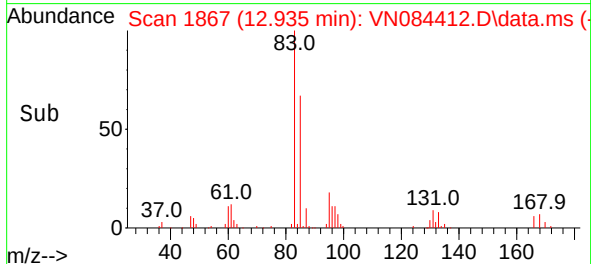
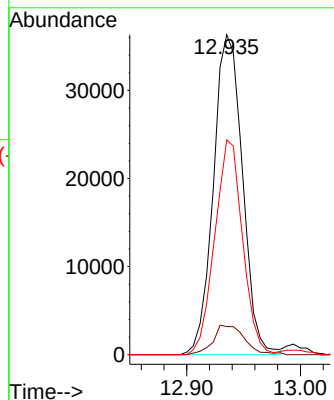
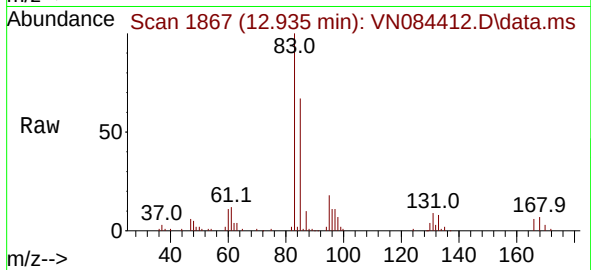




#71
1,1,2,2-Tetrachloroethane
Concen: 21.368 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

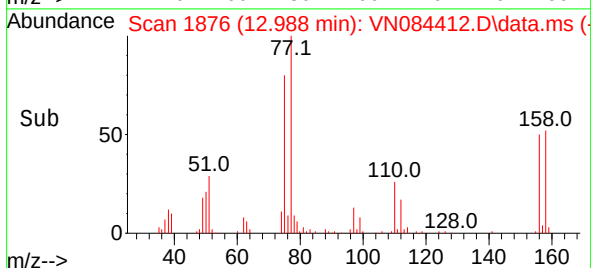
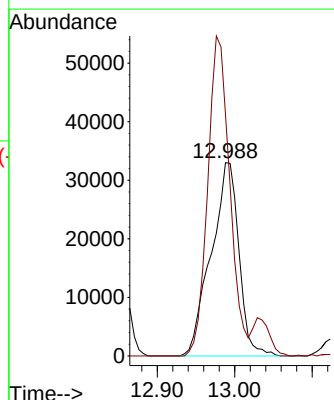
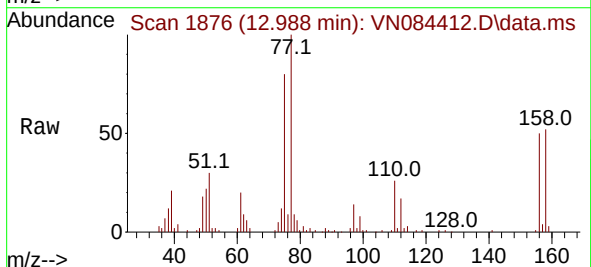
Instrument :
MSVOA_N
ClientSampleId :

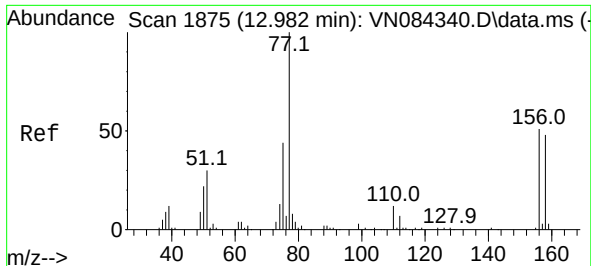
Tgt Ion: 83 Resp: 64601
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 64.3 32.0 96.2



#72
1,2,3-Trichloropropane
Concen: 31.758 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 75 Resp: 82227
Ion Ratio Lower Upper
75 100
77 131.3 0.0 414.0

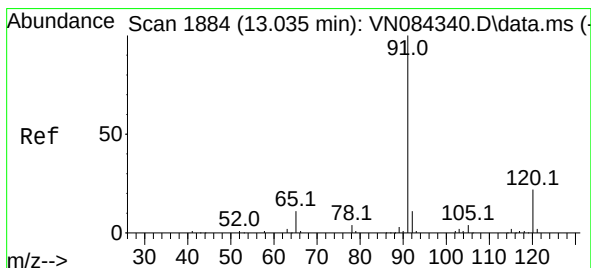
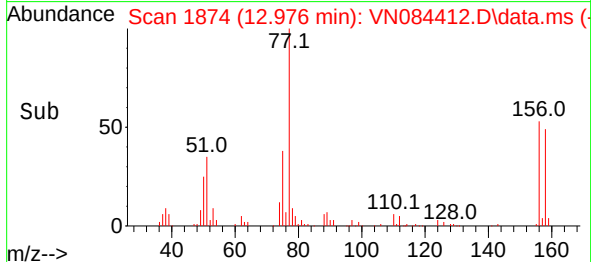
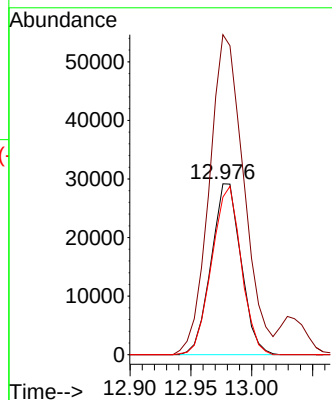
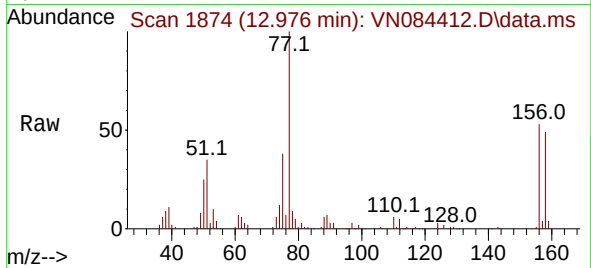




#73
Bromobenzene
Concen: 21.097 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

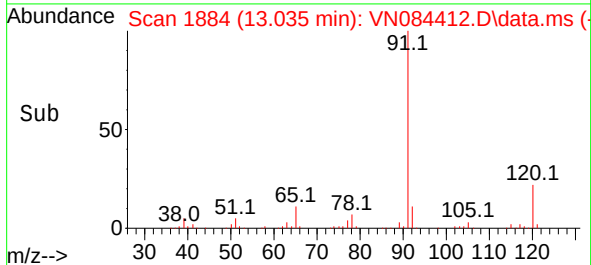
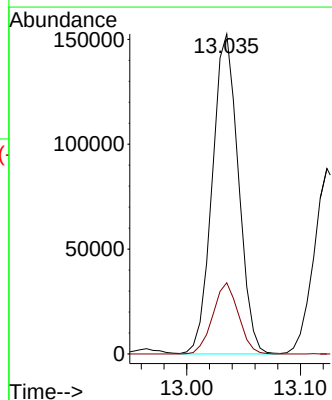
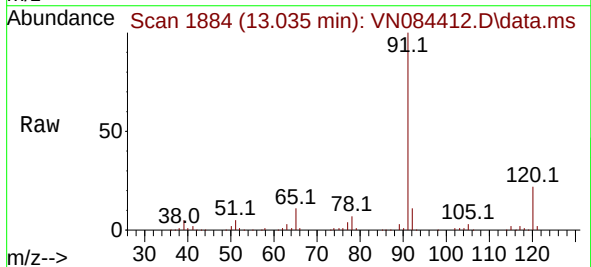
Instrument :
MSVOA_N
ClientSampleId :

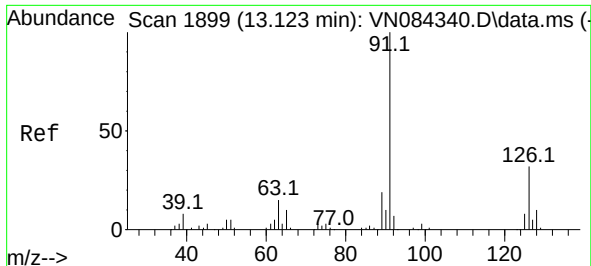
Tgt Ion:156 Resp: 49931
Ion Ratio Lower Upper
156 100
77 216.2 0.0 451.0
158 96.9 0.0 194.6



#74
n-propylbenzene
Concen: 20.932 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 91 Resp: 243774
Ion Ratio Lower Upper
91 100
120 21.8 0.0 43.2





#75

2-Chlorotoluene

Concen: 20.996 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

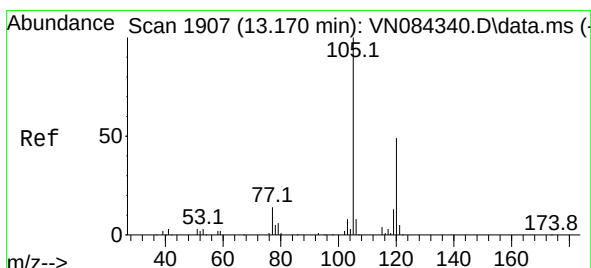
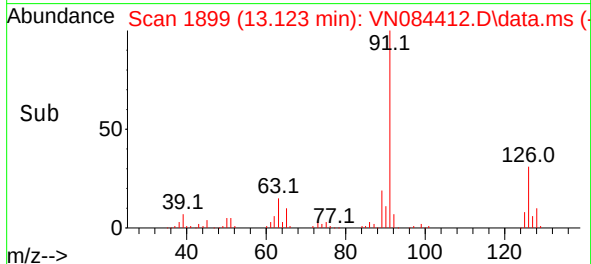
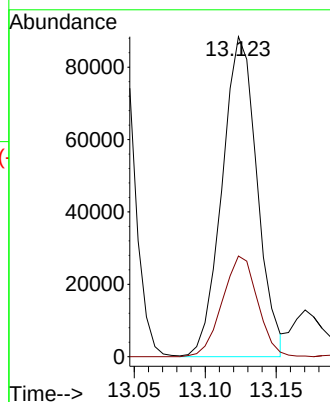
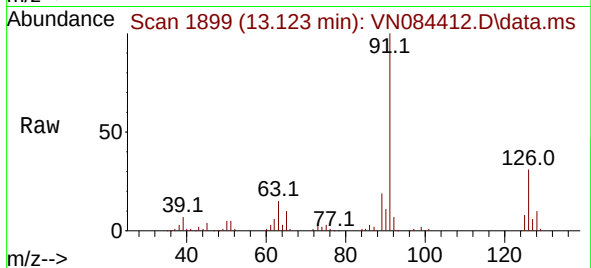
ClientSampleId :

Tgt Ion: 91 Resp: 151941

Ion Ratio Lower Upper

91 100

126 31.7 0.0 64.0



#76

1,3,5-Trimethylbenzene

Concen: 21.391 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN084412.D

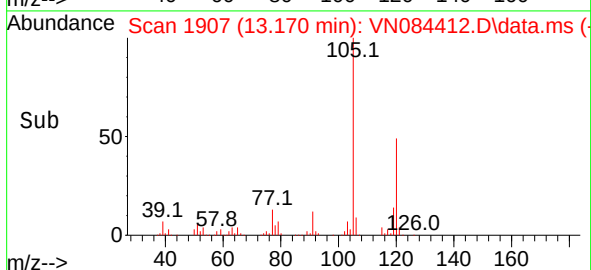
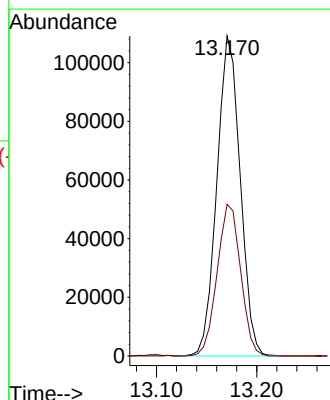
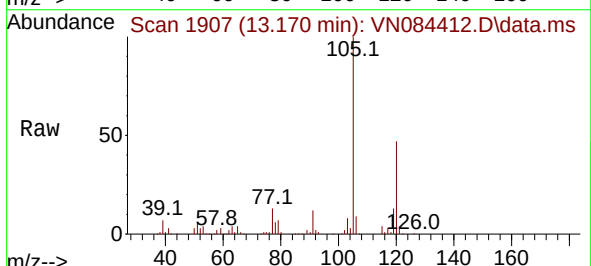
Acq: 15 Oct 2024 13:15

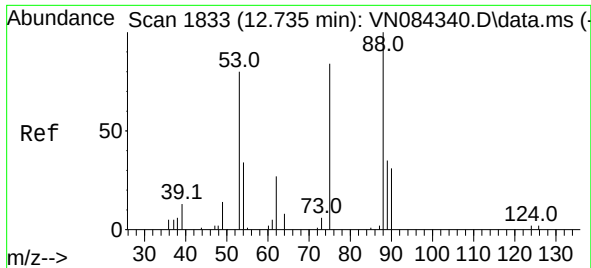
Tgt Ion:105 Resp: 176017

Ion Ratio Lower Upper

105 100

120 47.8 0.0 94.4

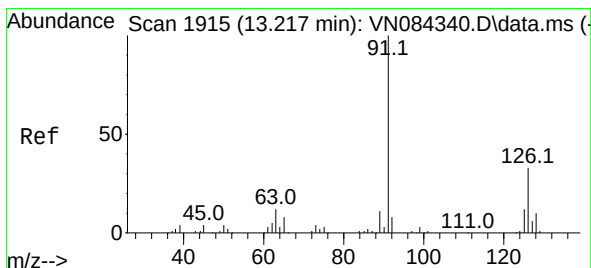
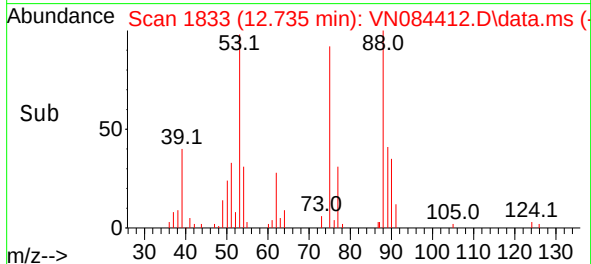
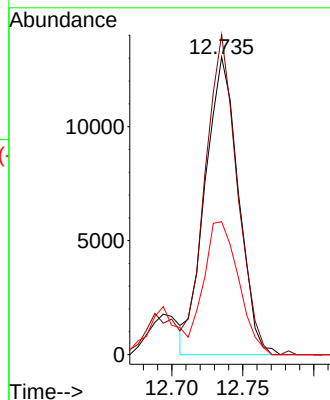
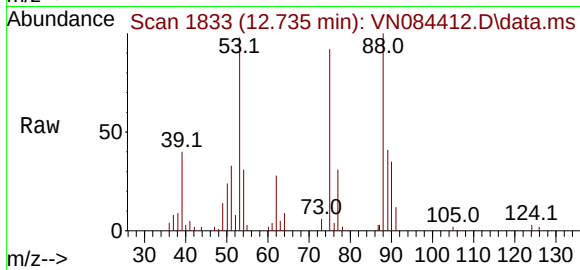




#77
t-1,4-Dichloro-2-butene
Concen: 19.255 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

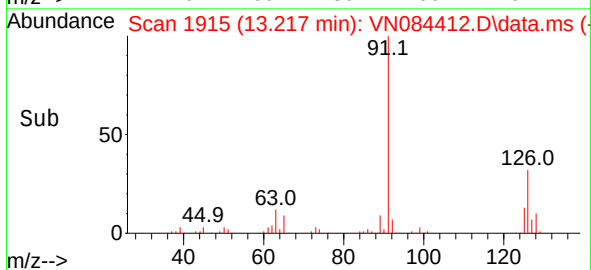
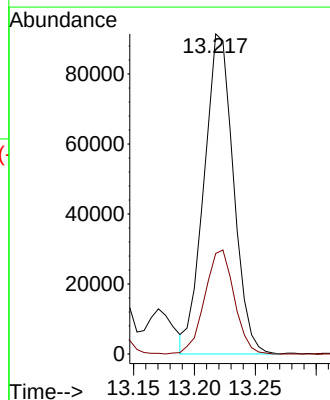
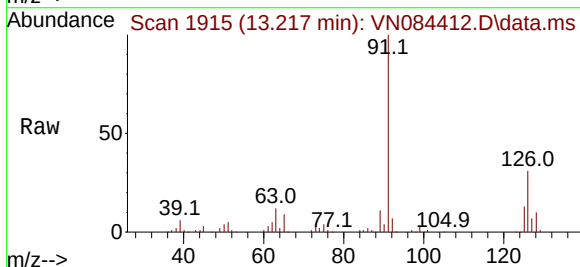
Instrument :
MSVOA_N
ClientSampleId :

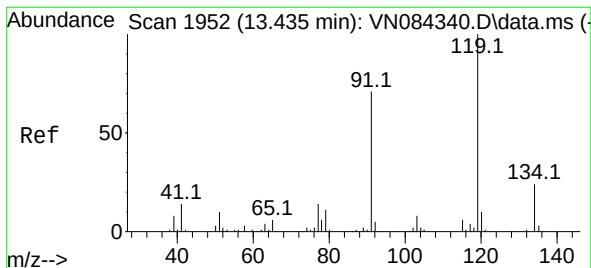
Tgt Ion: 75 Resp: 21304
Ion Ratio Lower Upper
75 100
53 107.5 47.3 142.0
89 44.7 22.9 68.8



#78
4-Chlorotoluene
Concen: 20.925 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 91 Resp: 153953
Ion Ratio Lower Upper
91 100
126 32.4 0.0 62.4





#79

tert-butylbenzene

Concen: 20.418 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min MSVOA_N

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

ClientSampleId :

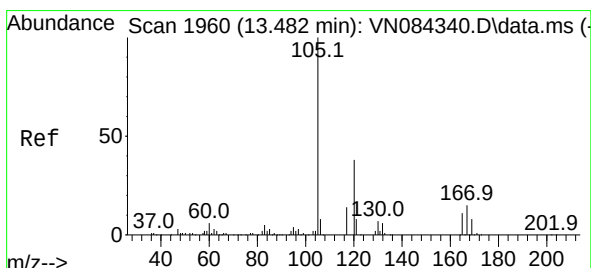
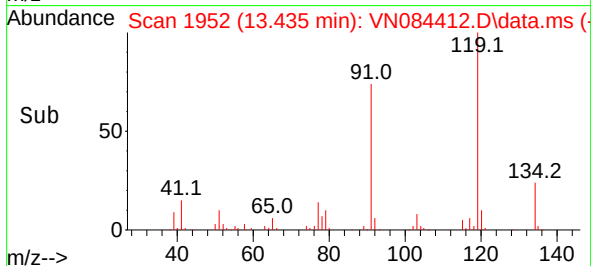
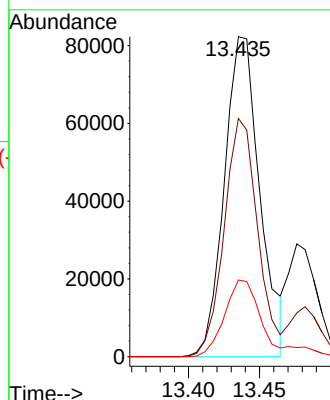
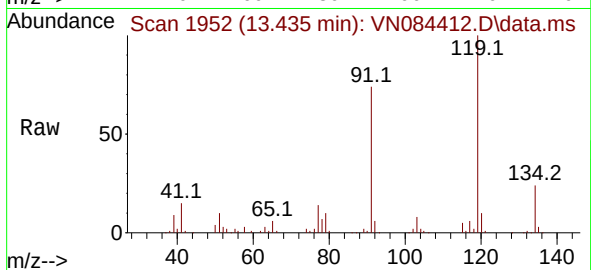
Tgt Ion:119 Resp: 143336

Ion Ratio Lower Upper

119 100

91 70.2 0.0 138.0

134 23.5 0.0 48.8



#80

1,2,4-Trimethylbenzene

Concen: 21.027 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084412.D

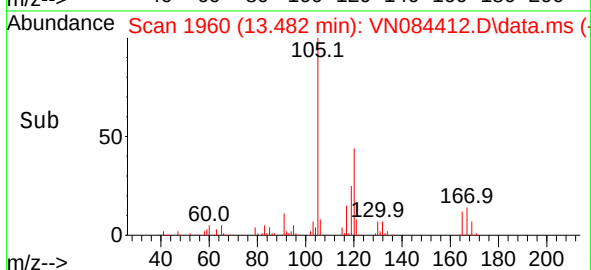
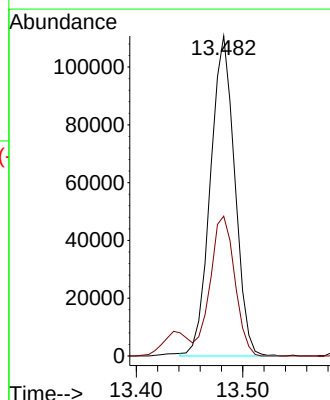
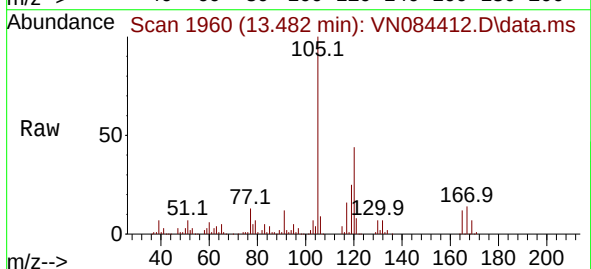
Acq: 15 Oct 2024 13:15

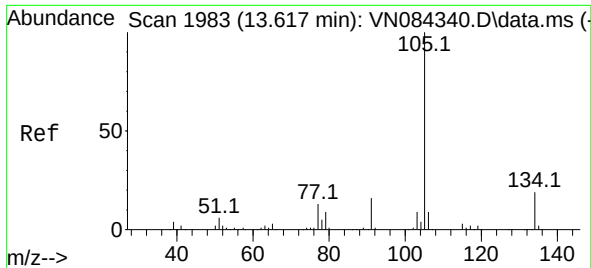
Tgt Ion:105 Resp: 175553

Ion Ratio Lower Upper

105 100

120 44.0 0.0 88.8

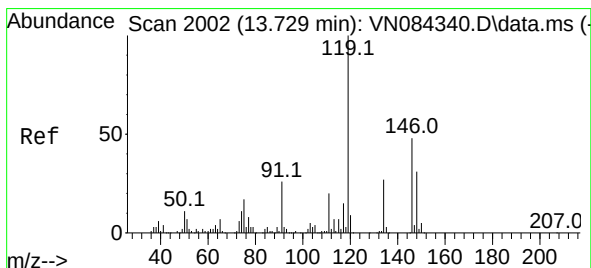
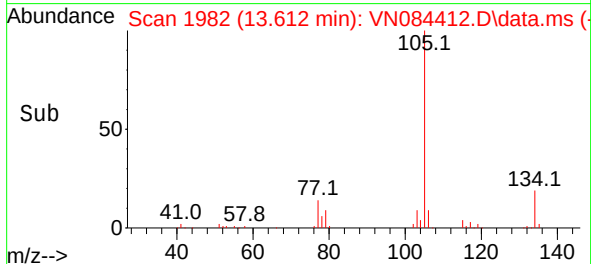
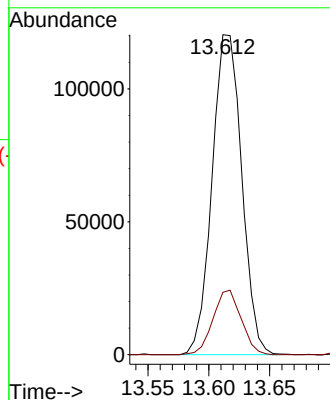
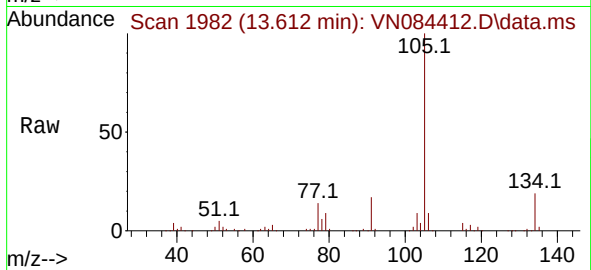




#81
 sec-Butylbenzene
 Concen: 21.151 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN084412.D
 Acq: 15 Oct 2024 13:15

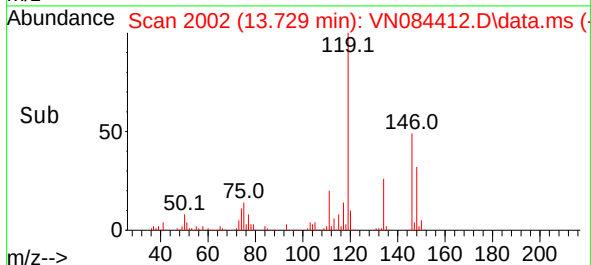
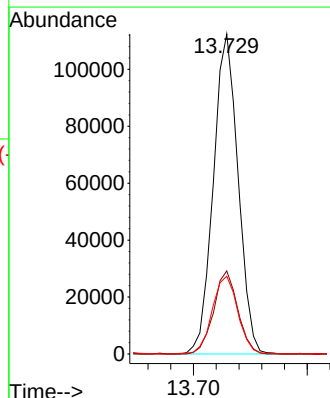
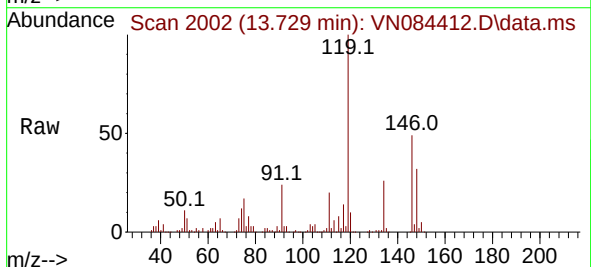
Instrument :
 MSVOA_N
 ClientSampleId :

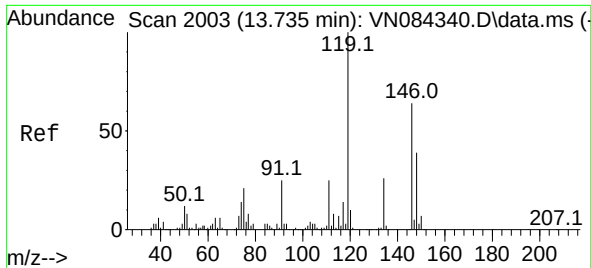
Tgt Ion:105 Resp: 204423
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 20.900 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084412.D
 Acq: 15 Oct 2024 13:15

Tgt Ion:119 Resp: 170016
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 50.2
 91 25.1 0.0 50.6





#83

1,3-Dichlorobenzene

Concen: 21.403 ug/l

RT: 13.729 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

ClientSampleId :

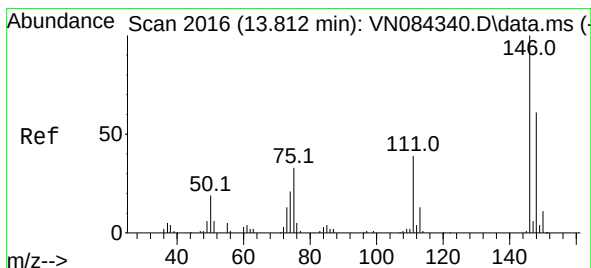
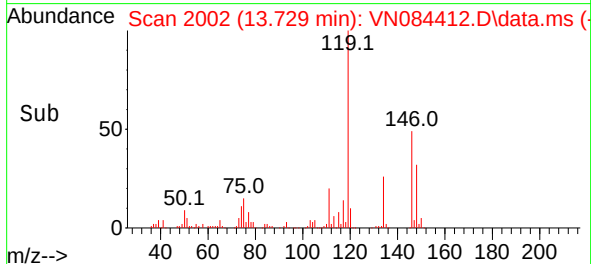
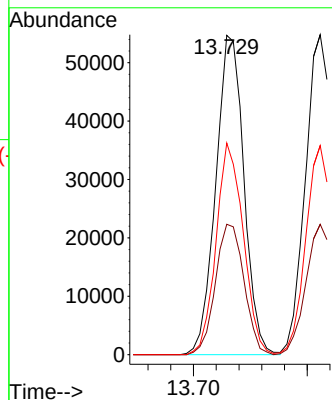
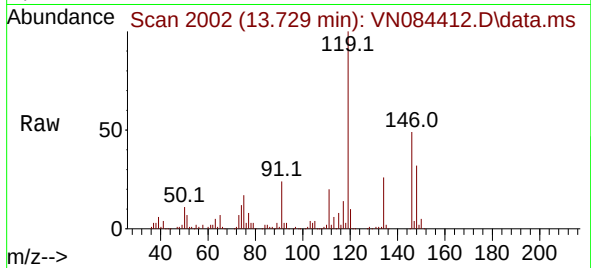
Tgt Ion:146 Resp: 94190

Ion Ratio Lower Upper

146 100

111 41.4 20.6 61.9

148 63.9 31.6 94.7



#84

1,4-Dichlorobenzene

Concen: 21.323 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

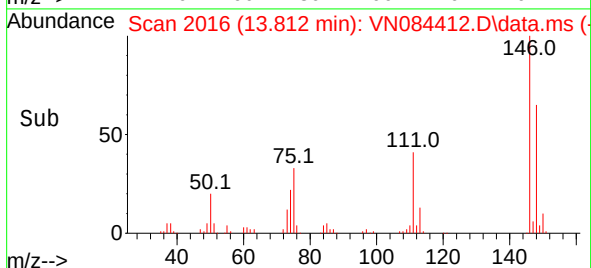
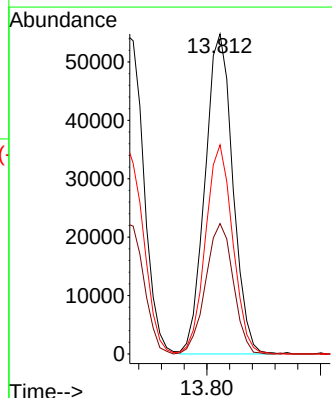
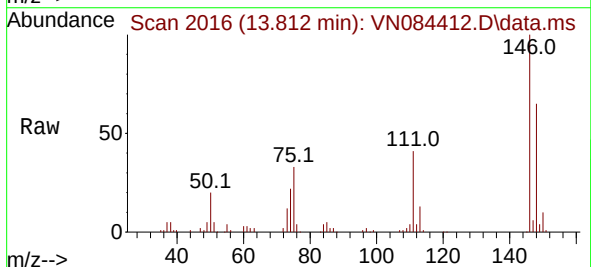
Tgt Ion:146 Resp: 93182

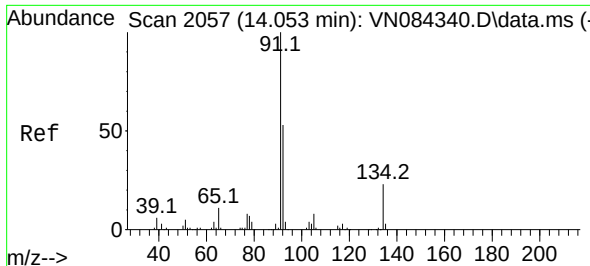
Ion Ratio Lower Upper

146 100

111 40.5 20.5 61.5

148 64.1 32.5 97.4

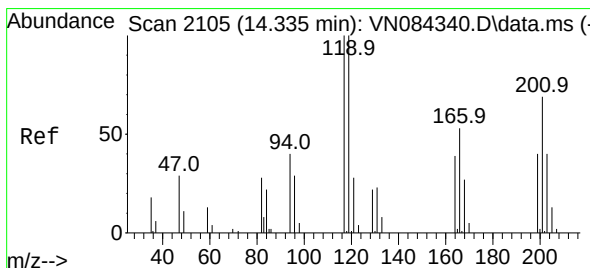
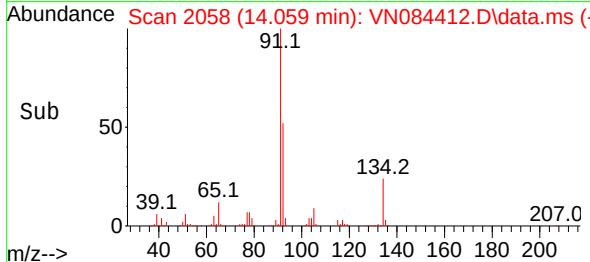
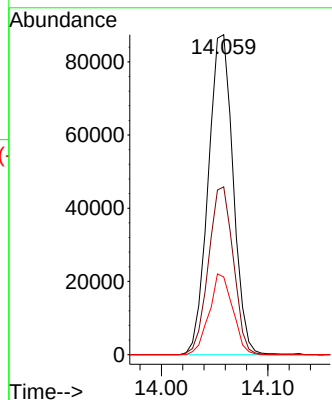
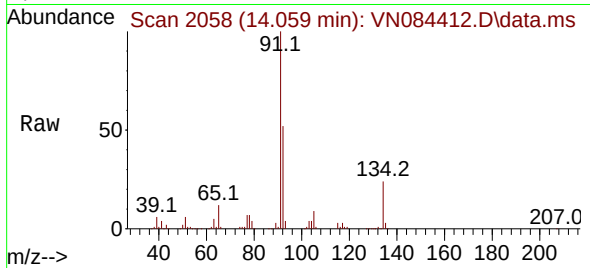




#85
n-Butylbenzene
Concen: 20.176 ug/l
RT: 14.059 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

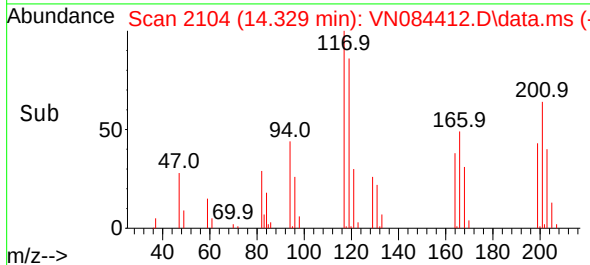
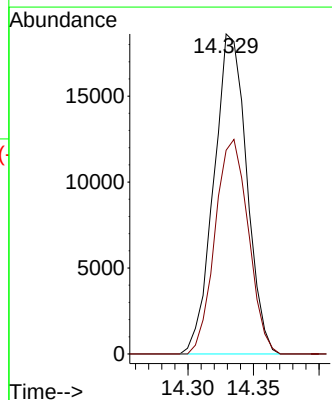
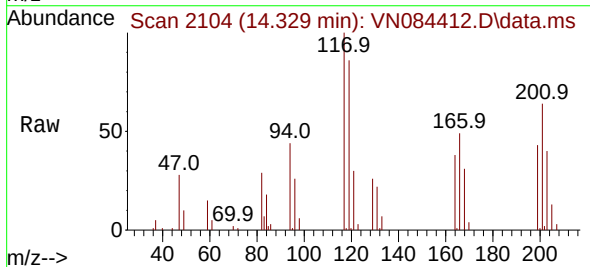
Instrument :
MSVOA_N
ClientSampleId :

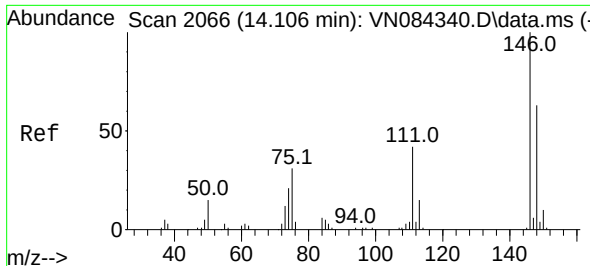
Tgt Ion: 91 Resp: 142154
Ion Ratio Lower Upper
91 100
92 52.3 0.0 103.4
134 23.8 0.0 48.0



#86
Hexachloroethane
Concen: 20.716 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

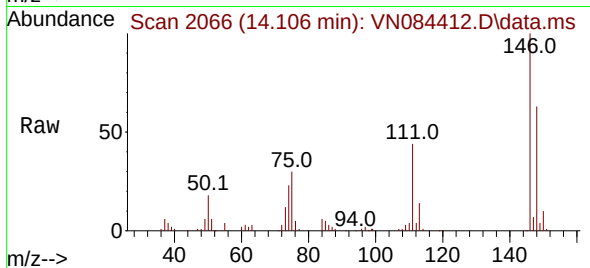
Tgt Ion: 117 Resp: 32468
Ion Ratio Lower Upper
117 100
201 67.9 33.9 101.6



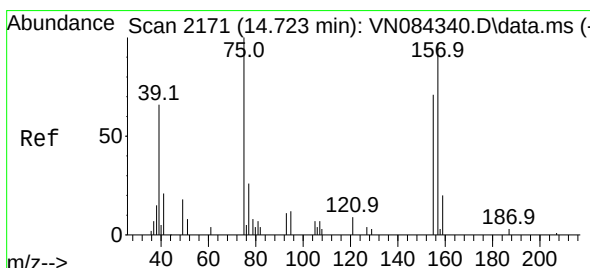
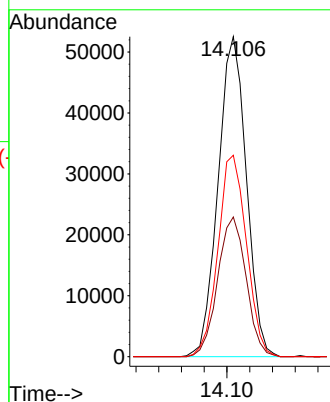
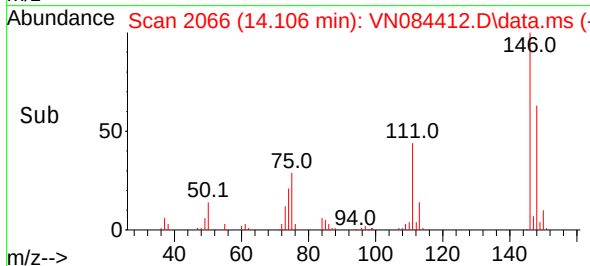


#87
 1,2-Dichlorobenzene
 Concen: 21.344 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN084412.D
 Acq: 15 Oct 2024 13:15

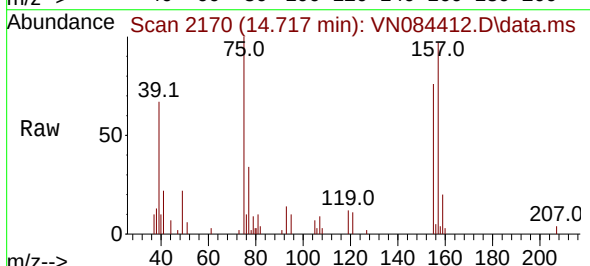
Instrument :
 MSVOA_N
 ClientSampleId :



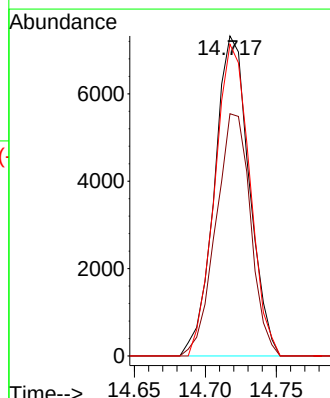
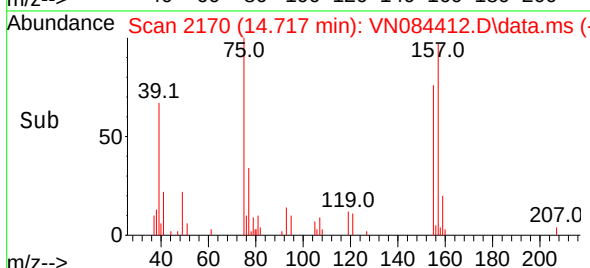
Tgt Ion:146 Resp: 90818
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.9 65.5
 148 63.4 31.1 93.5

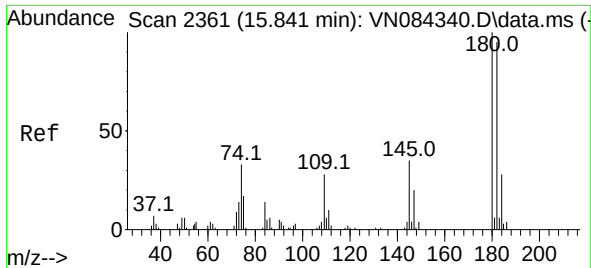


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.225 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN084412.D
 Acq: 15 Oct 2024 13:15



Tgt Ion: 75 Resp: 12504
 Ion Ratio Lower Upper
 75 100
 155 75.2 61.8 92.8
 157 97.4 77.4 116.0





#89

1,2,4-Trichlorobenzene

Concen: 20.047 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

ClientSampleId :

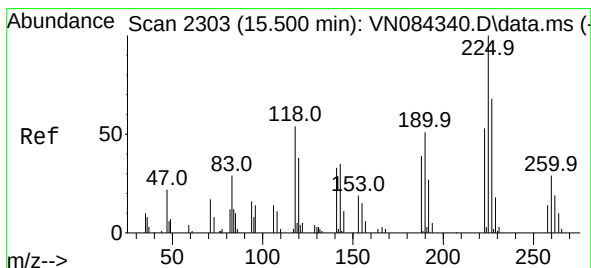
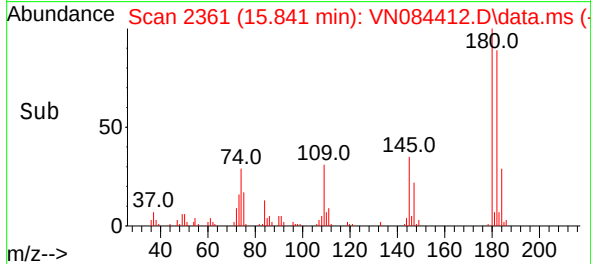
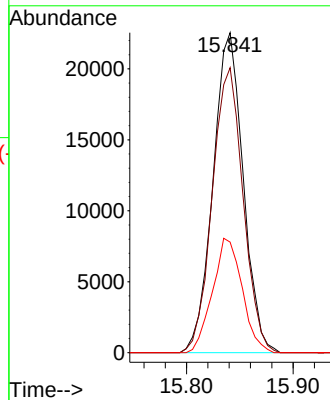
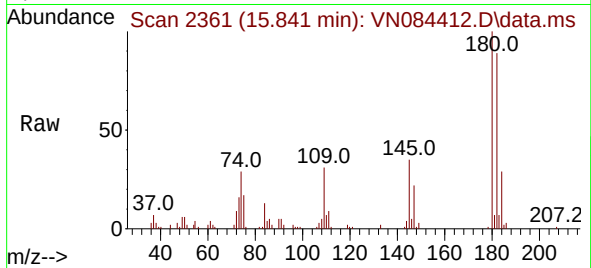
Tgt Ion:180 Resp: 44350

Ion Ratio Lower Upper

180 100

182 90.9 77.8 116.6

145 35.2 28.9 43.3



#90

Hexachlorobutadiene

Concen: 20.463 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

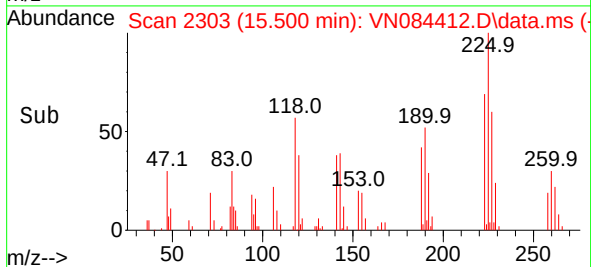
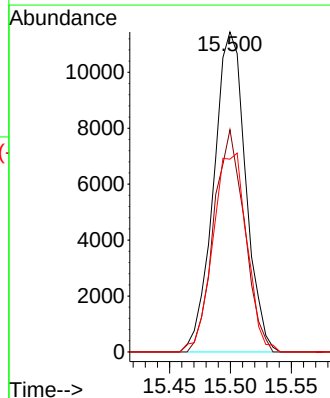
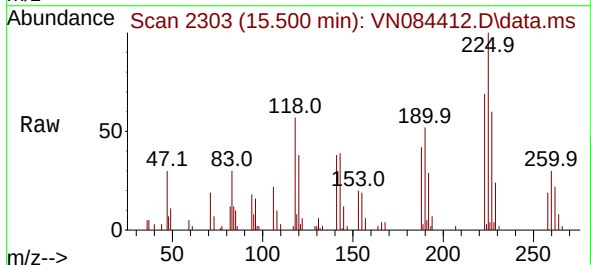
Tgt Ion:225 Resp: 20943

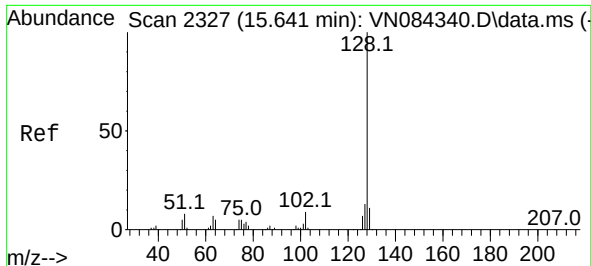
Ion Ratio Lower Upper

225 100

223 66.7 0.0 124.0

227 66.0 0.0 130.8

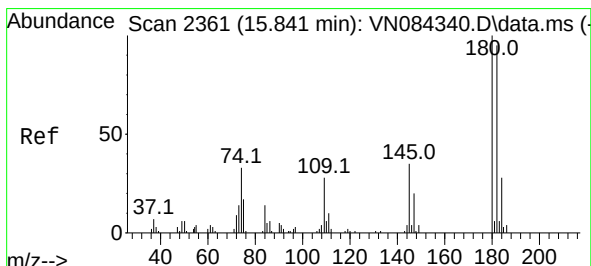
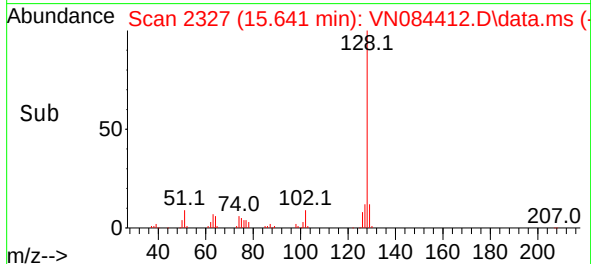
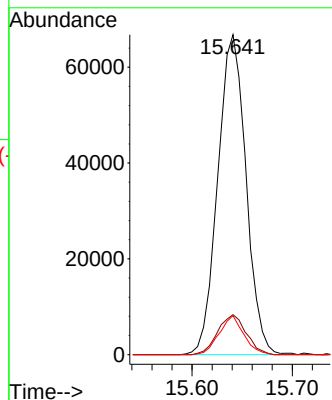
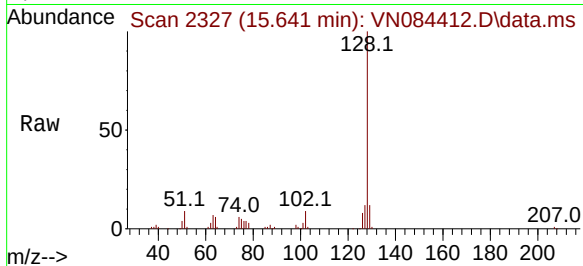




#91
Naphthalene
Concen: 17.423 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 130611
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.6 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 20.047 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion:180 Resp: 44350
Ion Ratio Lower Upper
180 100
182 90.9 0.0 194.4
145 35.2 0.0 72.2

