

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084505.D
 Acq On : 25 Oct 2024 10:40
 Operator : JC\MD
 Sample : VN1025WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 26 05:25:55 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	35006	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	196424	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	178483	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	85431	30.313	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.033%	
60) 4-Bromofluorobenzene	12.847	95	90213	30.625	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 102.100%	
63) Toluene-d8	10.565	98	247087	29.883	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	37425	17.511	ug/l	96
3) Chloromethane	2.359	50	42455	17.456	ug/l	98
4) Vinyl Chloride	2.512	62	43498	18.237	ug/l	99
5) Bromomethane	2.965	94	27594	17.462	ug/l	95
6) Chloroethane	3.124	64	28969	18.527	ug/l	89
7) Trichlorofluoromethane	3.501	101	72738	18.723	ug/l	97
8) Diethyl Ether	3.965	74	26272	18.393	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	43494	19.911	ug/l	95
10) 1,1-Dichloroethene	4.342	96	40269	18.475	ug/l	93
11) Methyl Iodide	4.583	142	51000	17.805	ug/l	99
12) Methyl Acetate	5.024	43	57902	21.219	ug/l	95
13) Acrolein	4.177	56	50260	99.152	ug/l	98
14) Acrylonitrile	5.724	53	109397	89.236	ug/l	96
15) Acetone	4.424	58	39266	112.125	ug/l	88
16) Carbon Disulfide	4.706	76	107167	16.511	ug/l	98
17) Allyl chloride	5.018	41	62267	17.623	ug/l	93
18) Methylene Chloride	5.271	84	46706	19.022	ug/l	98
19) trans-1,2-Dichloroethene	5.783	96	41066	17.802	ug/l	94
20) Diisopropyl ether	6.671	45	146499	19.284	ug/l	96
21) 1,1-Dichloroethane	6.571	63	82163	18.849	ug/l	96
22) cis-1,2-Dichloroethene	7.483	96	49779	18.544	ug/l	98
23) tert-Butyl Alcohol	5.518	59	40923	87.026	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	136638	18.758	ug/l #	84
25) Chloroform	7.965	83	85704	19.413	ug/l	99
26) Cyclohexane	8.259	56	63628	17.453	ug/l #	94
29) 1,1-Dichloropropene	8.371	75	57539	17.845	ug/l	98
30) 2-Butanone	7.483	43	164064	95.566	ug/l	99
31) 2,2-Dichloropropane	7.489	77	73609	19.426	ug/l #	81
32) 1,1,1-Trichloroethane	8.171	97	74667	18.116	ug/l	96
33) Carbon Tetrachloride	8.359	117	66737	18.691	ug/l	98
34) Benzene	8.606	78	183430	18.173	ug/l #	94
35) Methacrylonitrile	7.777	41	33276	18.169	ug/l	98
36) 1,2-Dichloroethane	8.665	62	63174	18.777	ug/l	99
37) Trichloroethene	9.353	130	43004	18.502	ug/l	91
38) Methylcyclohexane	9.600	83	61561	17.381	ug/l	99
39) 1,2-Dichloropropane	9.618	63	45243	18.381	ug/l	95
40) Dibromomethane	9.706	93	31615	18.378	ug/l	98
41) Bromodichloromethane	9.883	83	69934	19.150	ug/l #	95
42) Vinyl Acetate	6.600	43	524167	87.789	ug/l	100

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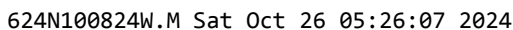
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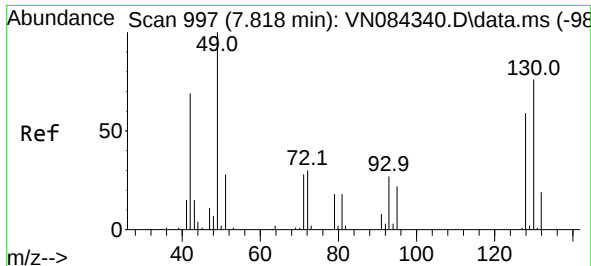
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	53166	15.702	ug/l	# 92
44) Isopropyl Acetate	8.688	43	121028	21.839	ug/l	90
45) 1,4-Dioxane	9.694	88	17805	356.411	ug/l	96
46) Methyl methacrylate	9.677	41	46112	17.222	ug/l	95
47) n-amyl Acetate	12.494	43	86813	17.612	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	67004	17.755	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	71632	18.112	ug/l	96
50) 1,1,2-Trichloroethane	11.012	97	43132	18.654	ug/l	96
51) Ethyl methacrylate	10.871	69	67198	17.595	ug/l	98
52) 1,3-Dichloropropane	11.159	76	75556	18.688	ug/l	98
53) Dibromochloromethane	11.359	129	51619	18.898	ug/l	99
54) 1,2-Dibromoethane	11.465	107	42803	17.984	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	153339	88.521	ug/l	99
56) Bromoform	12.576	173	32397	17.883	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	307964	92.625	ug/l	99
59) 2-Hexanone	11.194	43	233137	94.363	ug/l	100
61) Tetrachloroethene	11.100	164	38956	19.296	ug/l	96
62) Toluene	10.630	91	196630	18.818	ug/l	99
64) Chlorobenzene	11.888	112	120580	18.545	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	43584	19.294	ug/l	97
66) Ethyl Benzene	11.965	91	210798	18.569	ug/l	96
67) m/p-Xylenes	12.071	106	162032	37.626	ug/l	99
68) o-Xylene	12.400	106	76484	18.426	ug/l	98
69) Styrene	12.412	104	133735	18.768	ug/l	98
70) Isopropylbenzene	12.694	105	200837	18.952	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	61873	18.874	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	80886	28.811	ug/l	53
73) Bromobenzene	12.976	156	48953	19.075	ug/l	98
74) n-propylbenzene	13.035	91	239983	19.004	ug/l	100
75) 2-Chlorotoluene	13.123	91	149369	19.035	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	170711	19.133	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	21547	17.960	ug/l	98
78) 4-Chlorotoluene	13.218	91	150297	18.839	ug/l	99
79) tert-butylbenzene	13.435	119	145820	19.156	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	171754	18.972	ug/l	98
81) sec-Butylbenzene	13.612	105	198811	18.971	ug/l	98
82) p-Isopropyltoluene	13.729	119	164354	18.632	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	90986	19.067	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	89542	18.896	ug/l	99
85) n-Butylbenzene	14.053	91	140914	18.444	ug/l	100
86) Hexachloroethane	14.329	117	31139	18.323	ug/l	100
87) 1,2-Dichlorobenzene	14.106	146	87916	19.055	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	12838	19.150	ug/l	98
89) 1,2,4-Trichlorobenzene	15.841	180	42844	17.861	ug/l	98
90) Hexachlorobutadiene	15.494	225	20560	18.527	ug/l	98
91) Naphthalene	15.641	128	136862	16.837	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	42844	17.861	ug/l	98

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

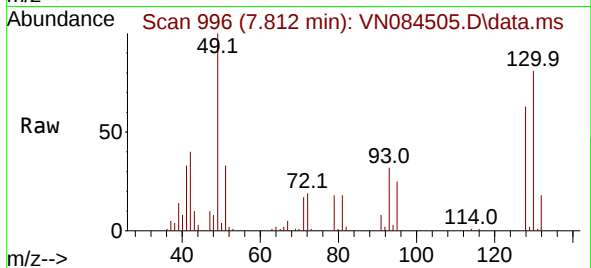
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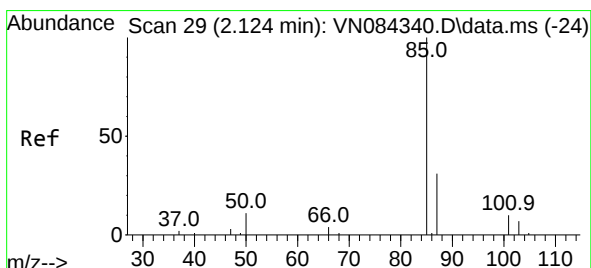
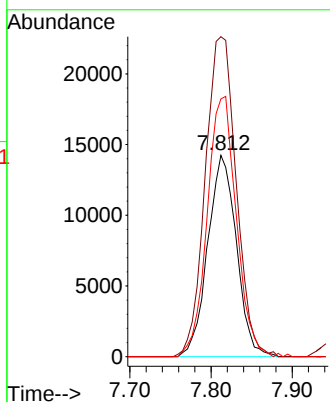
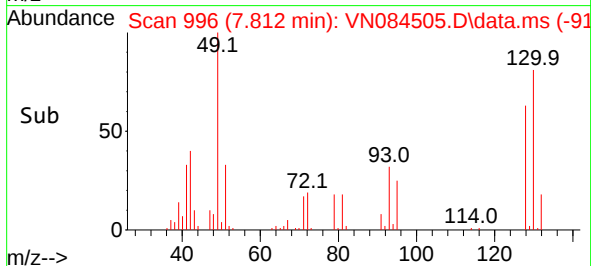


#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.812 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN084505.D
 Acq: 25 Oct 2024 10:40

Instrument :
 MSVOA_N
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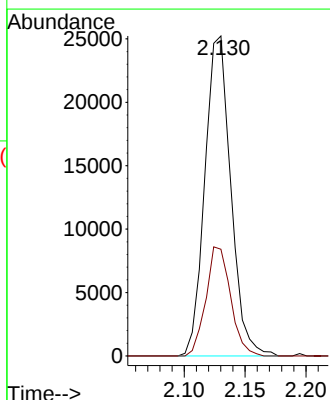
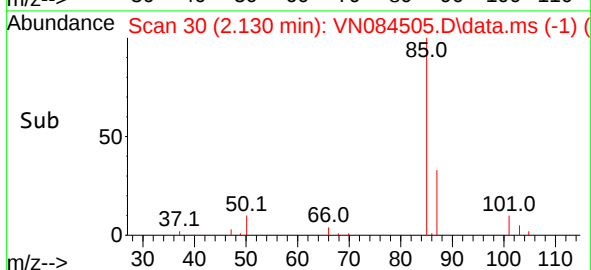
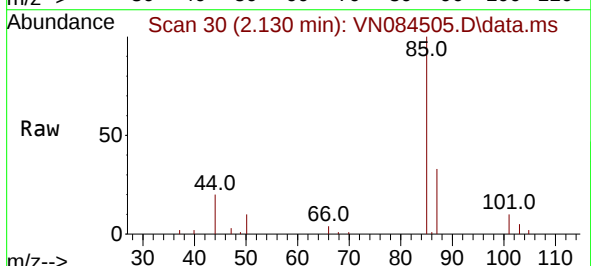


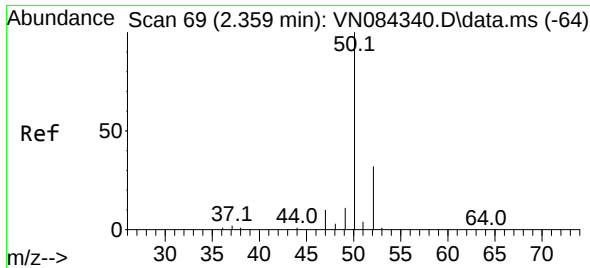
Tgt Ion:128 Resp: 35006
 Ion Ratio Lower Upper
 128 100
 49 171.3 0.0 430.0
 130 131.3 0.0 329.8



#2
 Dichlorodifluoromethane
 Concen: 17.511 ug/l
 RT: 2.130 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VN084505.D
 Acq: 25 Oct 2024 10:40

Tgt Ion: 85 Resp: 37425
 Ion Ratio Lower Upper
 85 100
 87 33.4 15.4 46.4

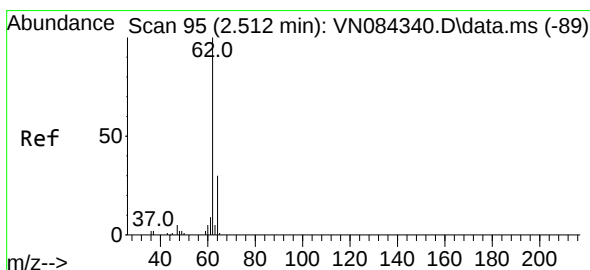
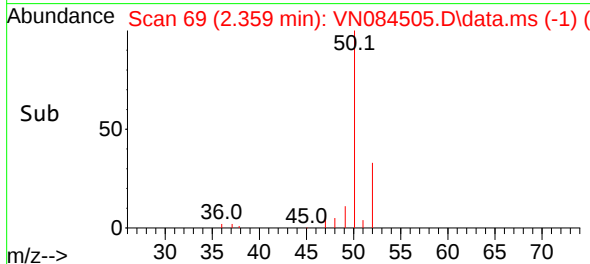
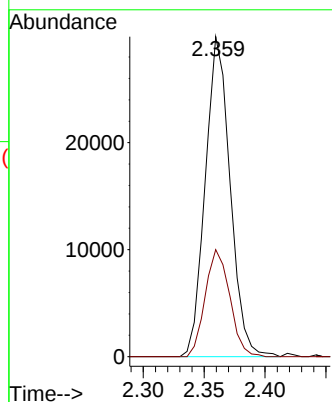
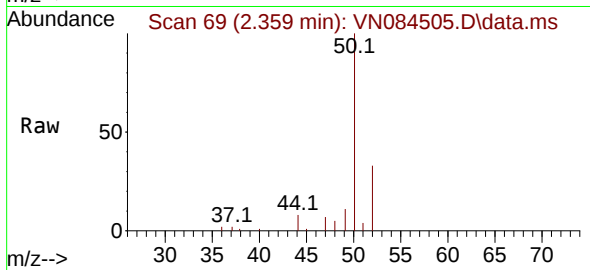




#3
Chloromethane
Concen: 17.456 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

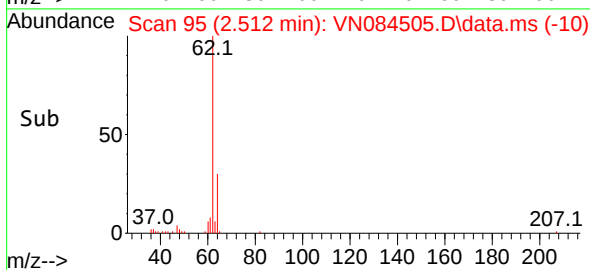
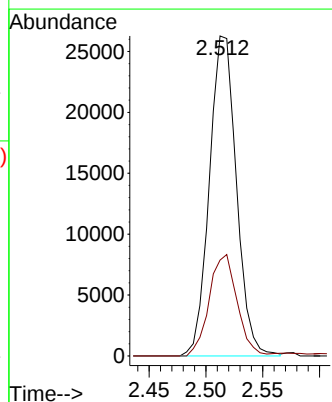
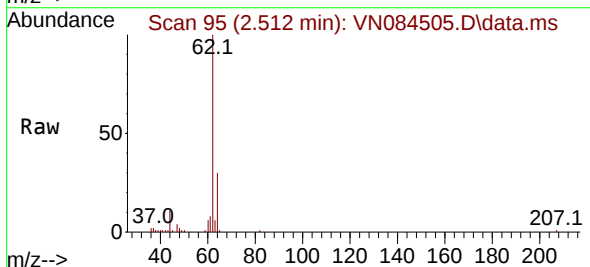
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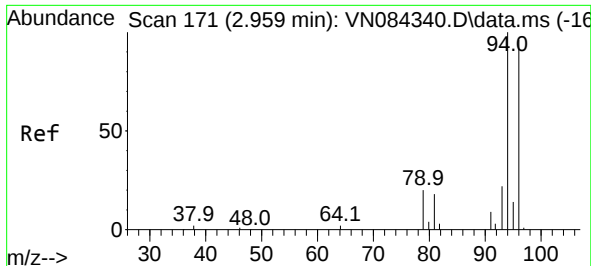
Tgt Ion: 50 Resp: 42455
Ion Ratio Lower Upper
50 100
52 33.4 25.8 38.6



#4
Vinyl Chloride
Concen: 18.237 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Tgt Ion: 62 Resp: 43498
Ion Ratio Lower Upper
62 100
64 29.9 24.3 36.5





#5

Bromomethane

Concen: 17.462 ug/l

RT: 2.965 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

Instrument :

MSVOA_N

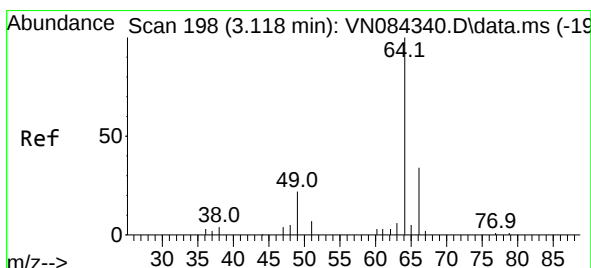
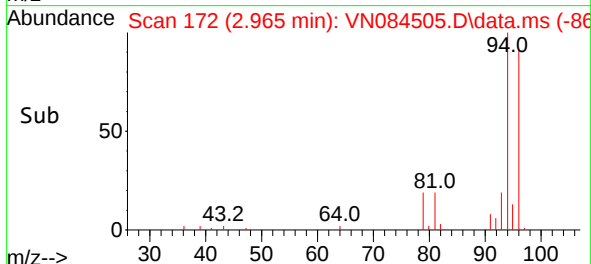
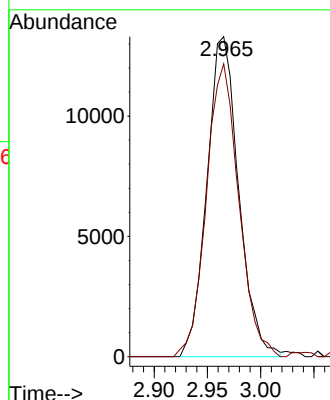
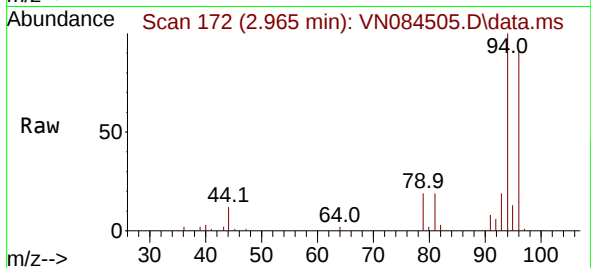
ClientSampleId :

Tgt Ion: 94 Resp: 27594

Ion Ratio Lower Upper

94 100

96 91.5 76.7 115.1



#6

Chloroethane

Concen: 18.527 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.006 min

Lab File: VN084505.D

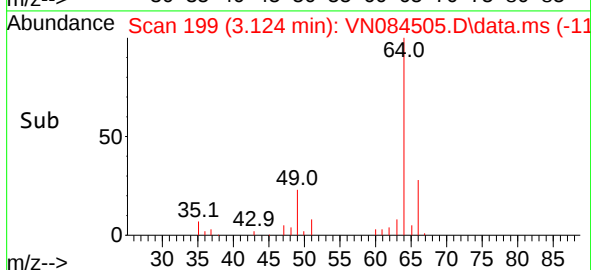
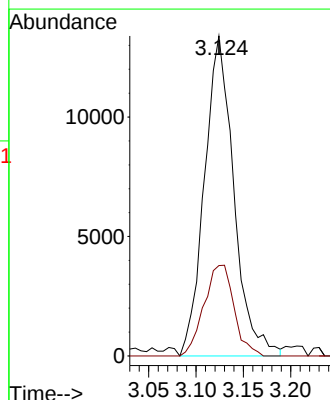
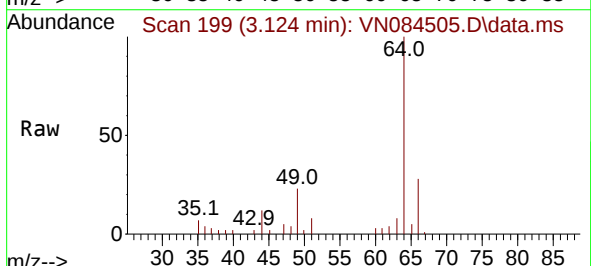
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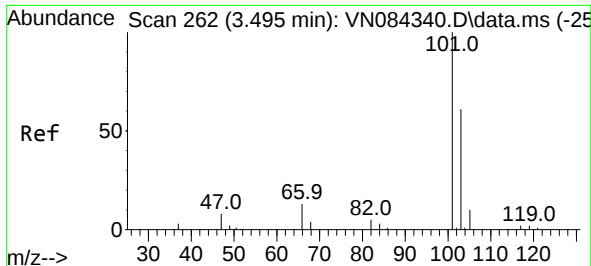
Tgt Ion: 64 Resp: 28969

Ion Ratio Lower Upper

64 100

66 28.2 27.7 41.5

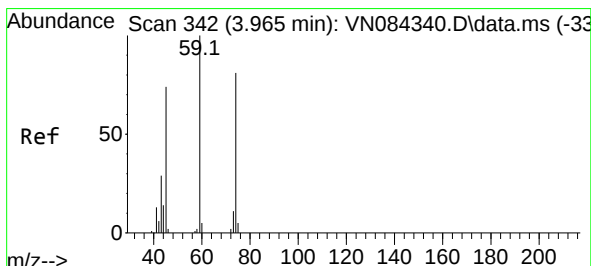
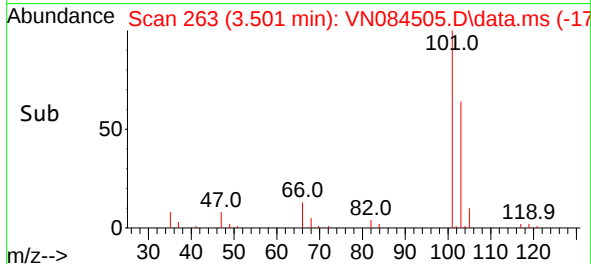
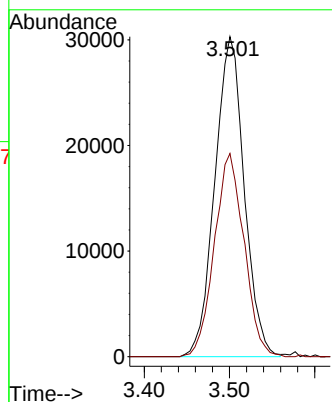
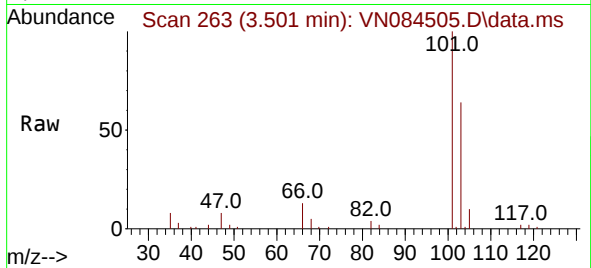




#7
 Trichlorofluoromethane
 Concen: 18.723 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.006 min
 Lab File: VN084505.D
 Acq: 25 Oct 2024 10:40

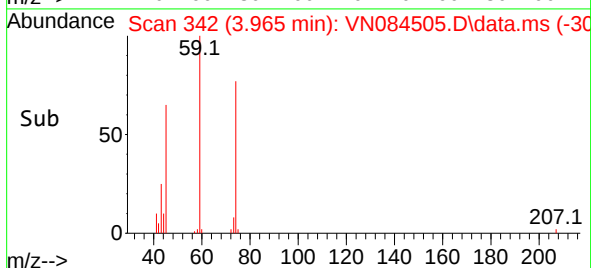
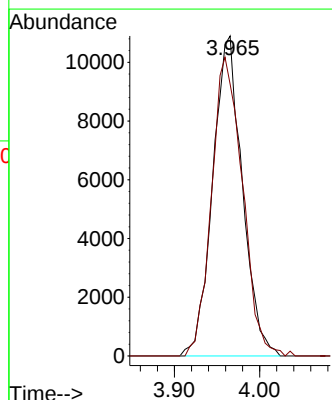
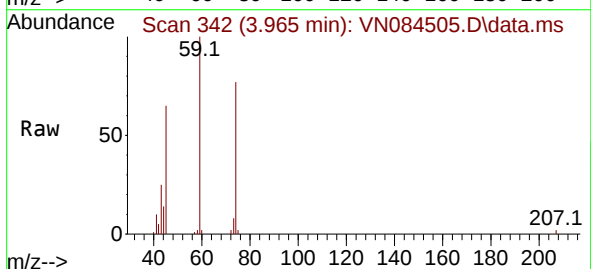
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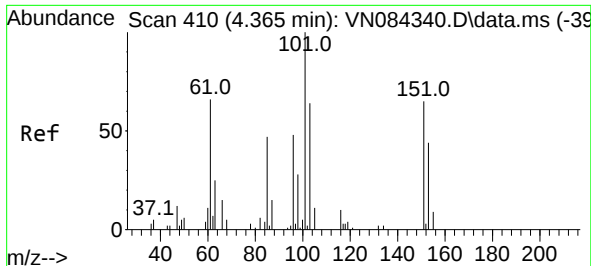
Tgt Ion:101 Resp: 72738
 Ion Ratio Lower Upper
 101 100
 103 63.5 49.0 73.6



#8
 Diethyl Ether
 Concen: 18.393 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN084505.D
 Acq: 25 Oct 2024 10:40

Tgt Ion: 74 Resp: 26272
 Ion Ratio Lower Upper
 74 100
 45 97.6 19.2 173.2

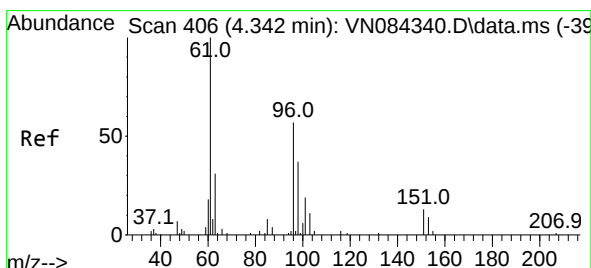
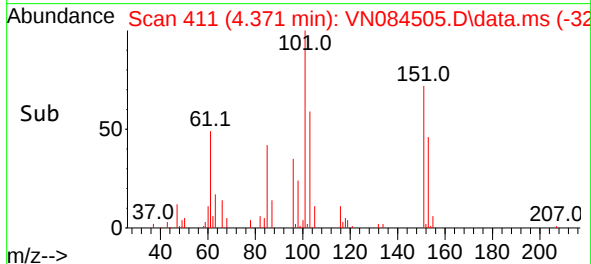
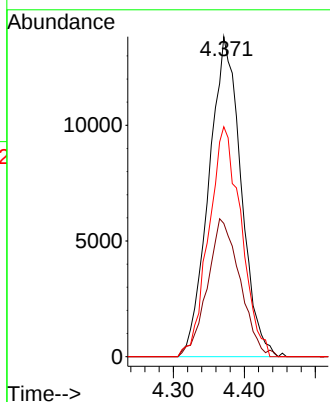
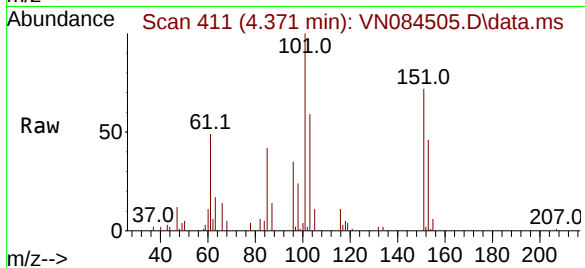




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.911 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

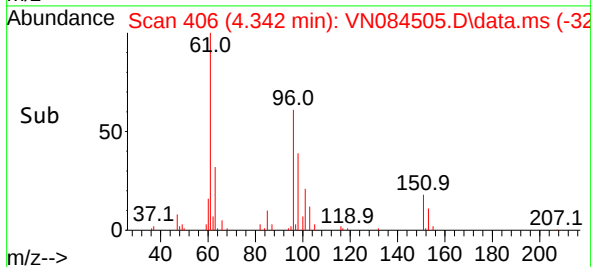
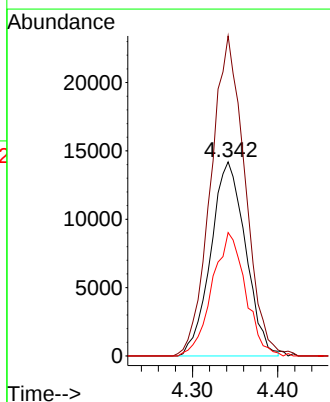
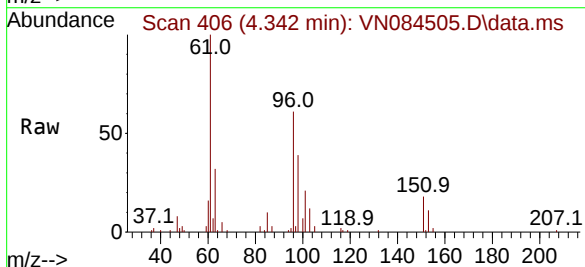
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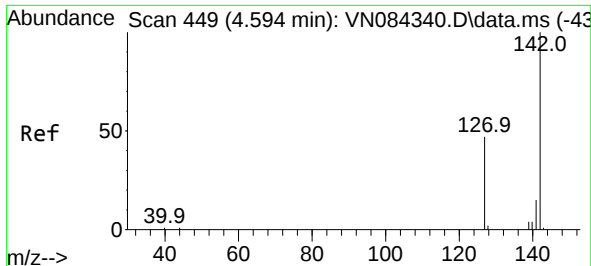
Tgt Ion:101 Resp: 43494
Ion Ratio Lower Upper
101 100
85 43.4 0.0 93.6
151 72.3 0.0 151.8



#10
1,1-Dichloroethene
Concen: 18.475 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

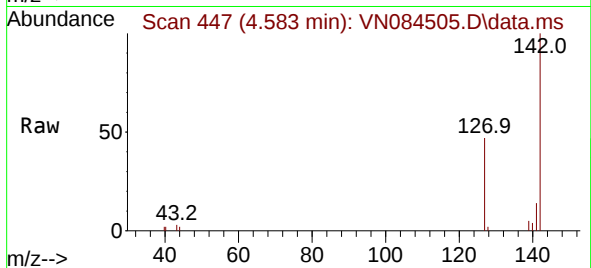
Tgt Ion: 96 Resp: 40269
Ion Ratio Lower Upper
96 100
61 163.6 140.8 211.2
98 63.6 52.2 78.2



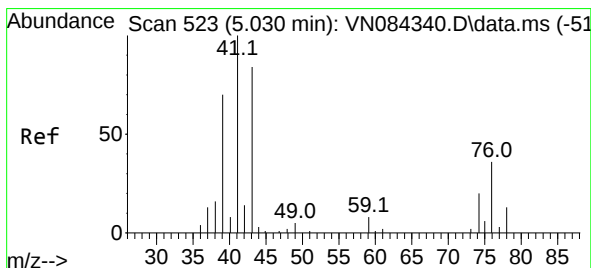
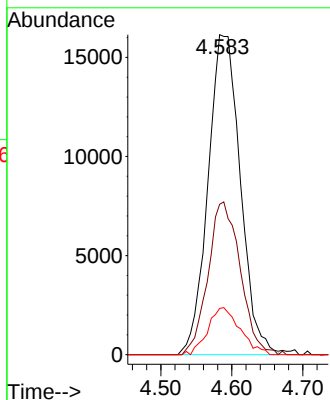
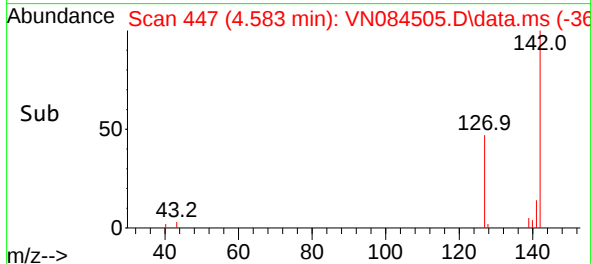


#11
Methyl Iodide
Concen: 17.805 ug/l
RT: 4.583 min Scan# 449
Delta R.T. -0.012 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Instrument :
MSVOA_N
ClientSampleId :

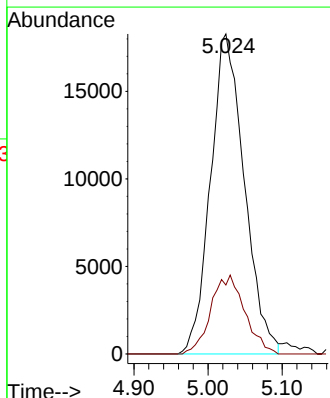
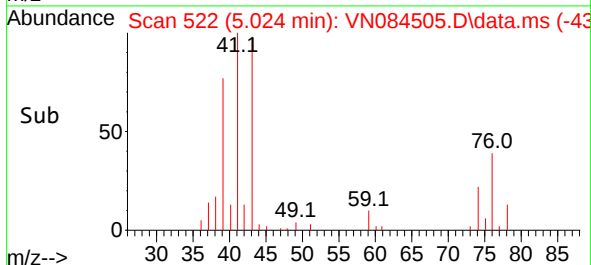
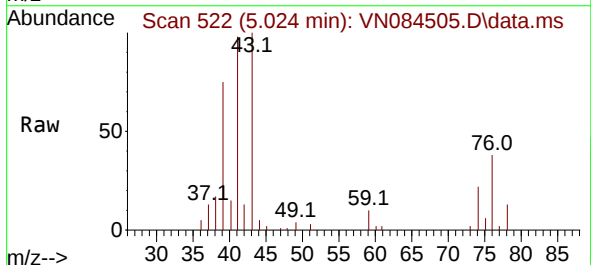


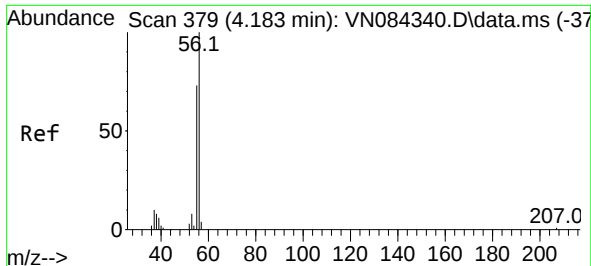
Tgt Ion:142 Resp: 51000
Ion Ratio Lower Upper
142 100
127 47.2 23.8 71.4
141 14.5 7.4 22.2



#12
Methyl Acetate
Concen: 21.219 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Tgt Ion: 43 Resp: 57902
Ion Ratio Lower Upper
43 100
74 21.9 19.4 29.2





#13

Acrolein

Concen: 99.152 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

Instrument :

MSVOA_N

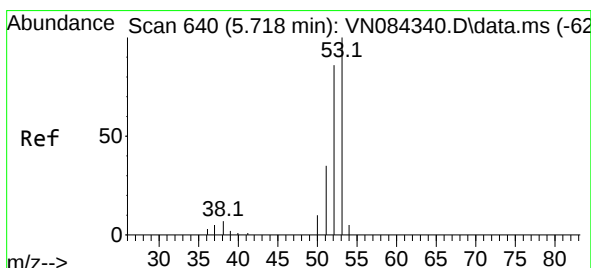
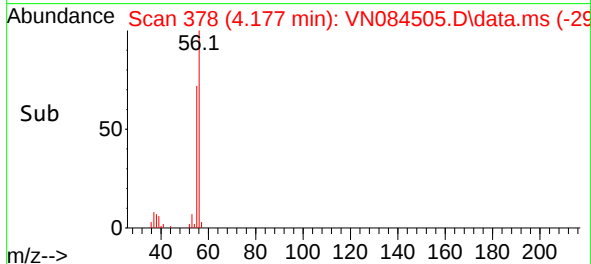
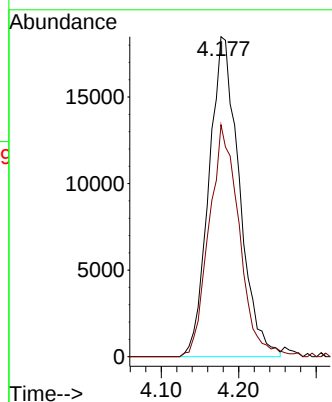
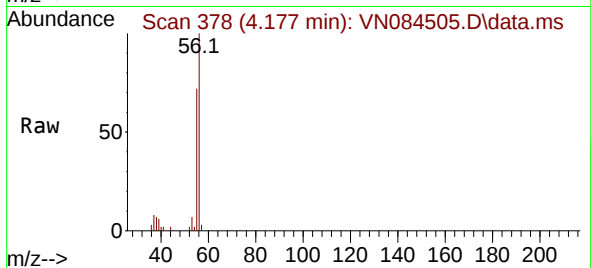
ClientSampleId :

Tgt Ion: 56 Resp: 50260

Ion Ratio Lower Upper

56 100

55 72.1 56.4 84.6



#14

Acrylonitrile

Concen: 89.236 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

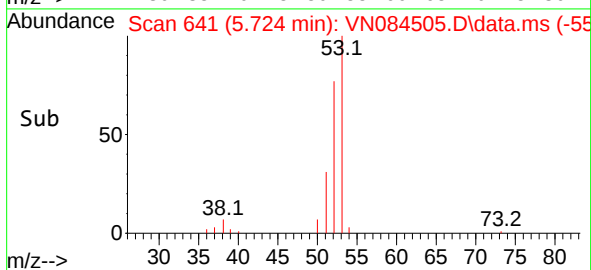
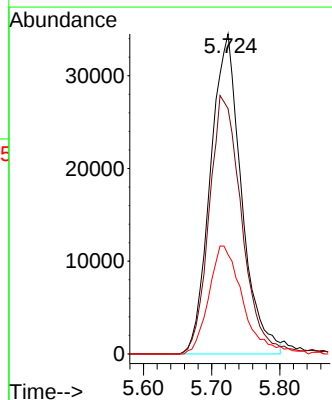
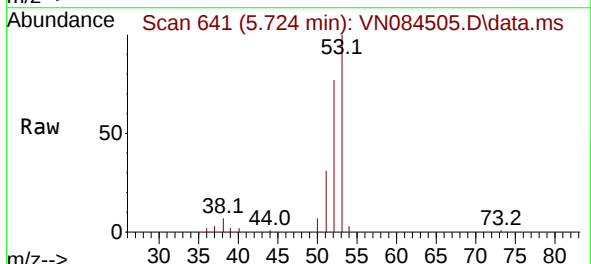
Tgt Ion: 53 Resp: 109397

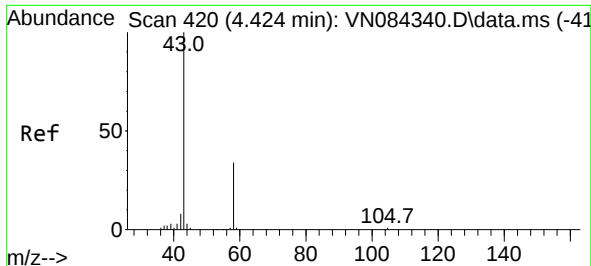
Ion Ratio Lower Upper

53 100

52 84.6 40.4 121.2

51 36.9 17.8 53.4





#15

Acetone

Concen: 112.125 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

Instrument :

MSVOA_N

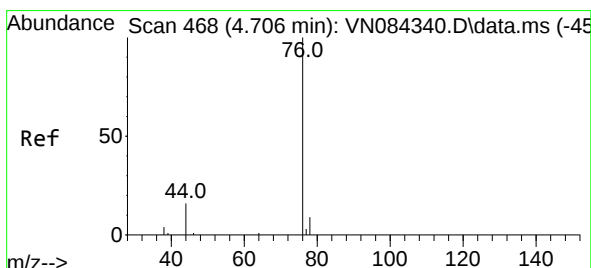
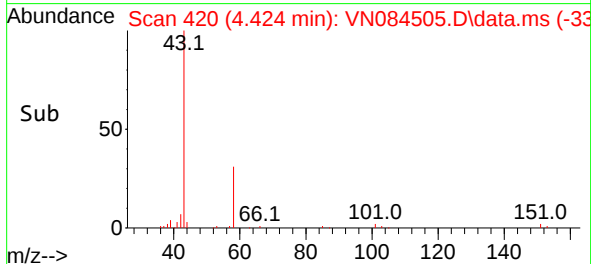
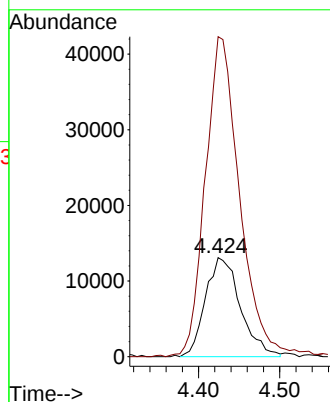
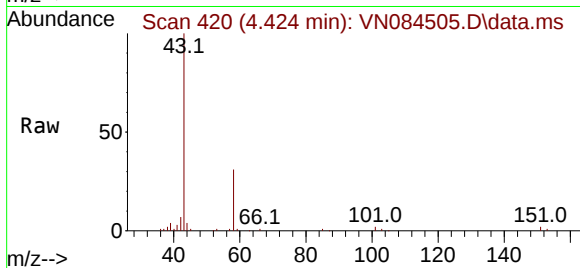
ClientSampleId :

Tgt Ion: 58 Resp: 39266

Ion Ratio Lower Upper

58 100

43 320.1 237.5 356.3



#16

Carbon Disulfide

Concen: 16.511 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.000 min

Lab File: VN084505.D

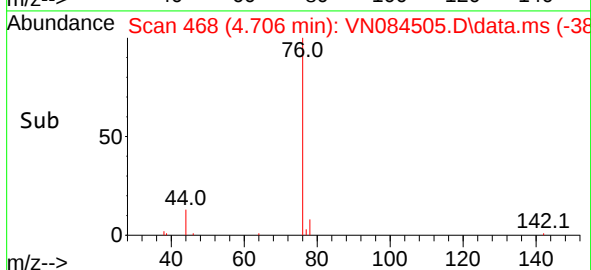
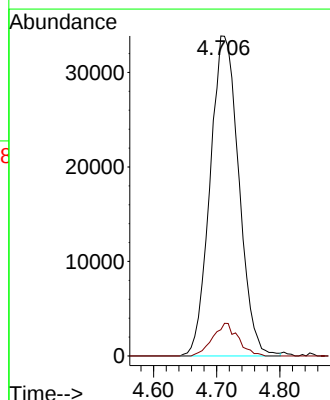
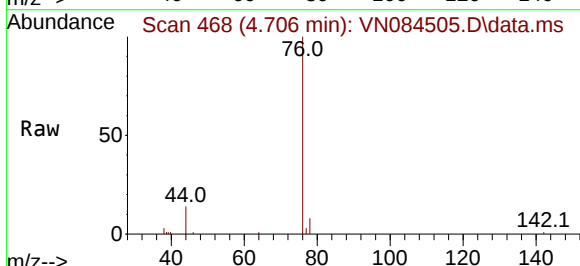
Acq: 25 Oct 2024 10:40

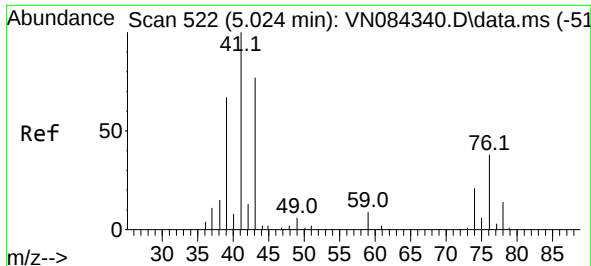
Tgt Ion: 76 Resp: 107167

Ion Ratio Lower Upper

76 100

78 8.2 7.1 10.7





#17

Allyl chloride

Concen: 17.623 ug/l

RT: 5.018 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN084505.D

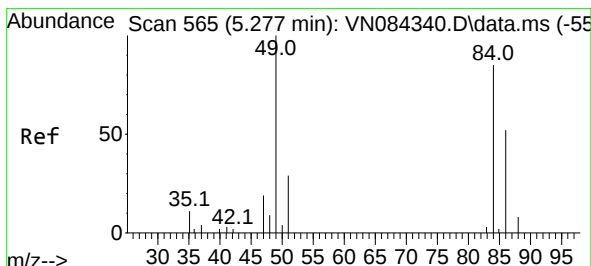
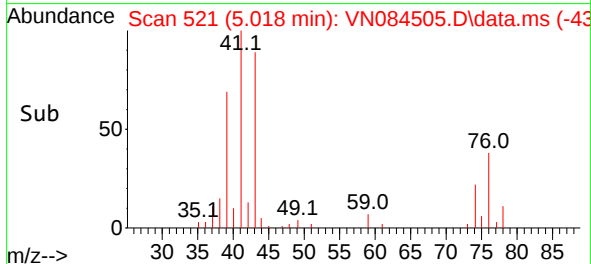
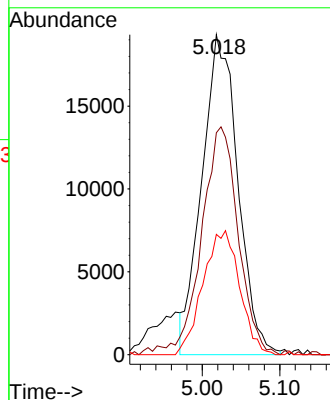
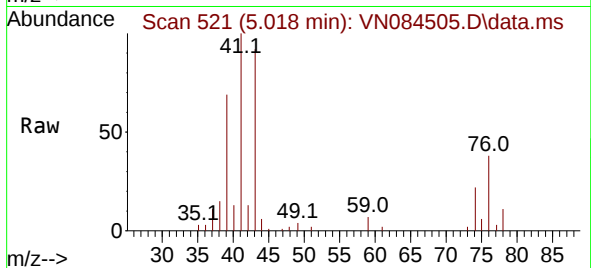
Acq: 25 Oct 2024 10:40

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 41	Resp: 62267
Ion Ratio	Lower Upper
41 100	
39 70.2	31.4 94.3
76 38.0	17.8 53.5



#18

Methylene Chloride

Concen: 19.022 ug/l

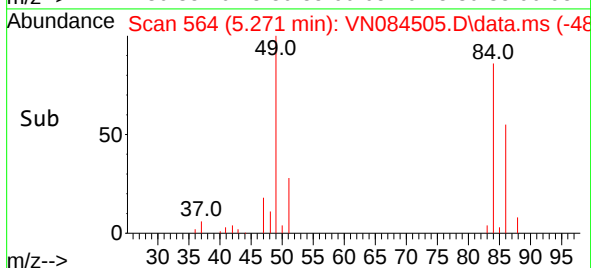
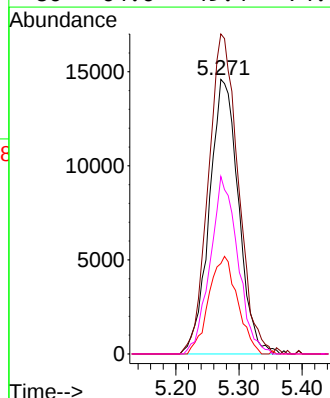
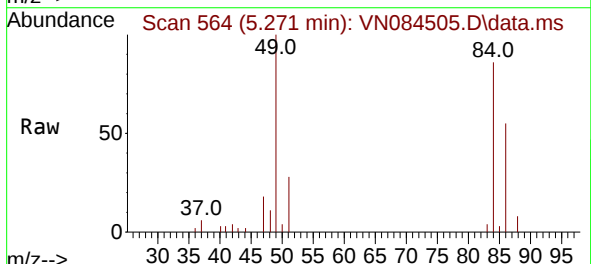
RT: 5.271 min Scan# 564

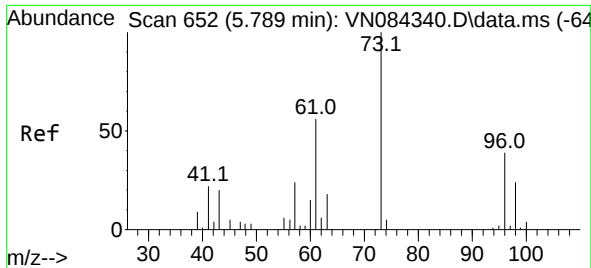
Delta R.T. -0.006 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

Tgt Ion: 84	Resp: 46706
Ion Ratio	Lower Upper
84 100	
49 116.6	94.6 142.0
51 32.9	27.3 40.9
86 64.6	49.4 74.0

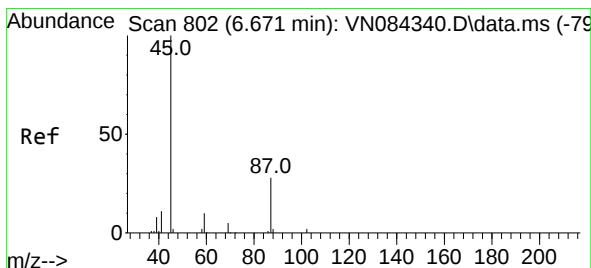
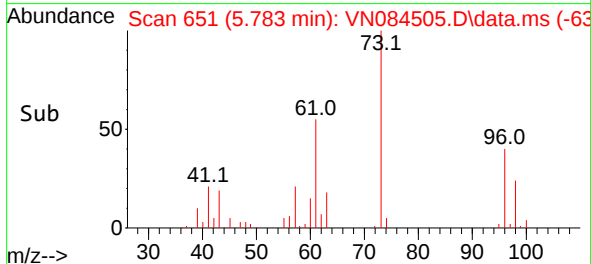
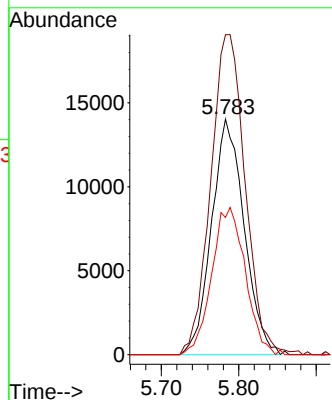
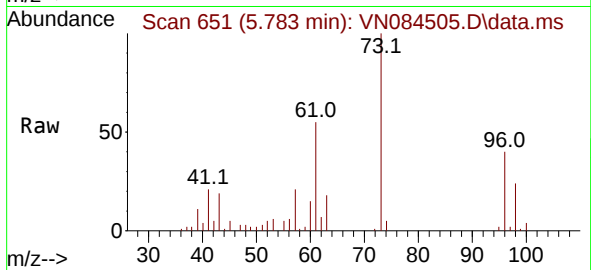




#19
trans-1,2-Dichloroethene
Concen: 17.802 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

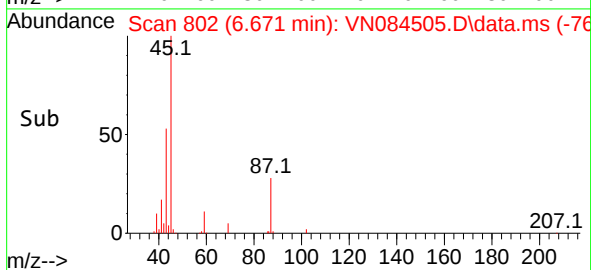
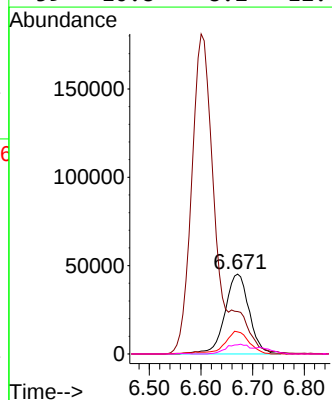
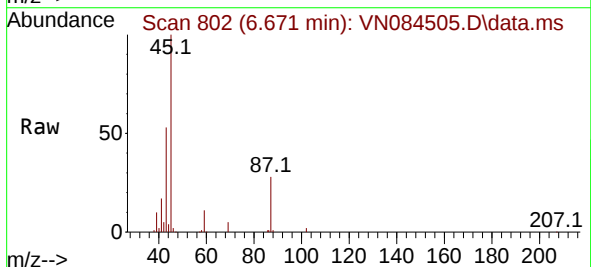
Instrument :
MSVOA_N
ClientSampleId :

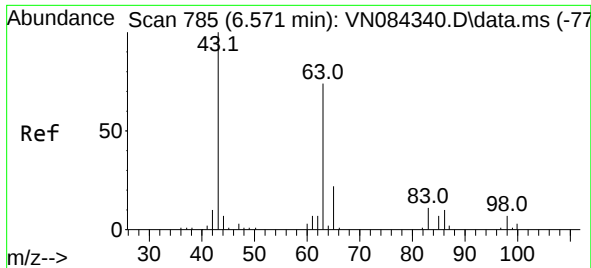
Tgt Ion: 96 Resp: 41066
Ion Ratio Lower Upper
96 100
61 135.9 115.8 173.6
98 58.3 49.4 74.0



#20
Diisopropyl ether
Concen: 19.284 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Tgt Ion: 45 Resp: 146499
Ion Ratio Lower Upper
45 100
43 51.2 43.7 65.5
87 27.4 23.1 34.7
59 10.8 8.2 12.4

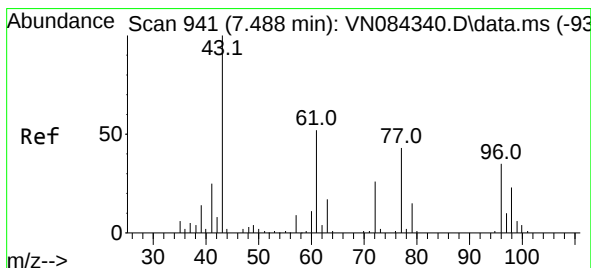
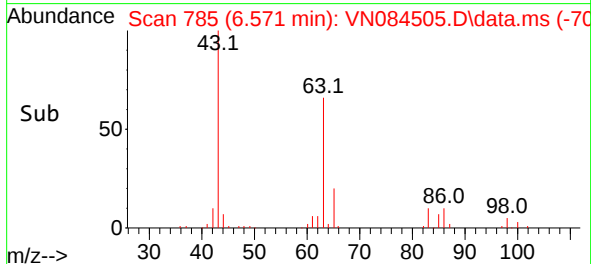
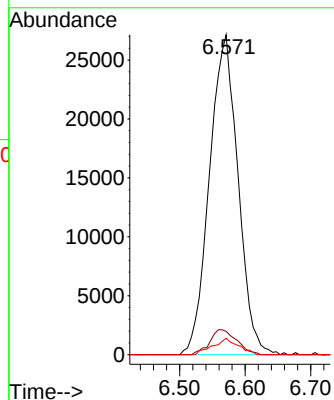
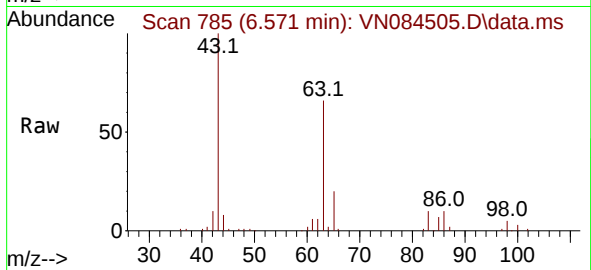




#21
1,1-Dichloroethane
Concen: 18.849 ug/l
RT: 6.571 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

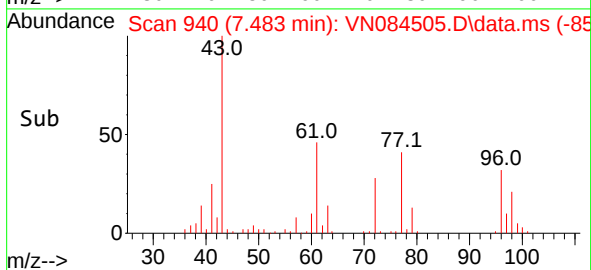
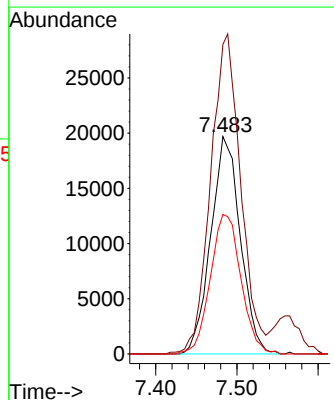
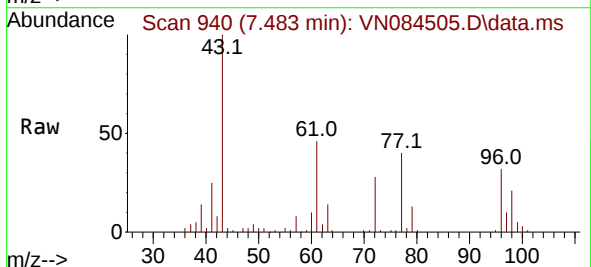
Instrument :
MSVOA_N
ClientSampleId :

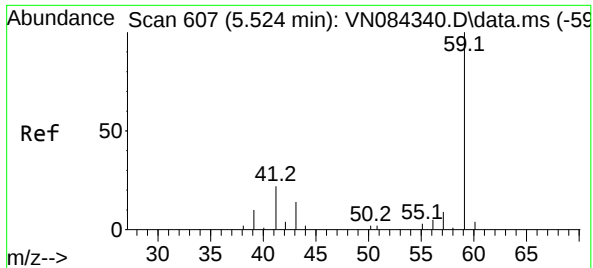
Tgt Ion: 63 Resp: 82163
Ion Ratio Lower Upper
63 100
98 7.3 4.5 13.4
100 5.1 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 18.544 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Tgt Ion: 96 Resp: 49779
Ion Ratio Lower Upper
96 100
61 149.8 118.0 177.0
98 66.5 51.8 77.8

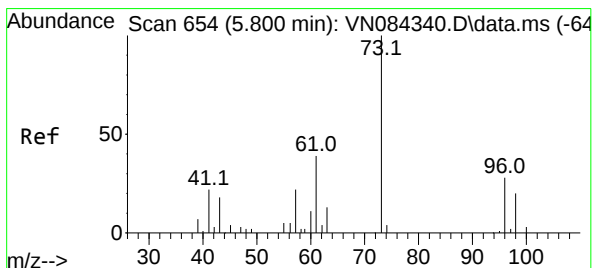
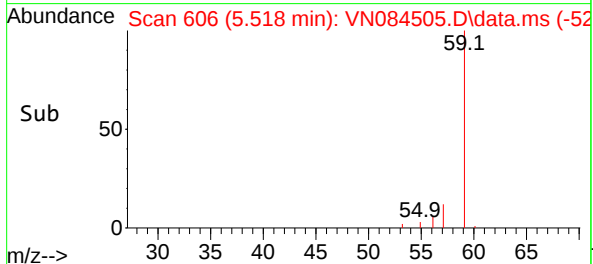
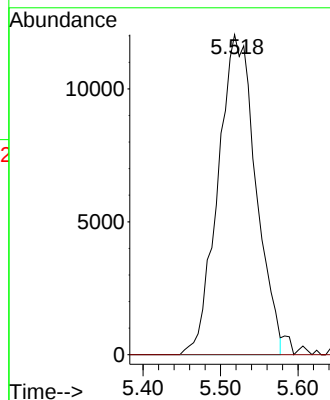
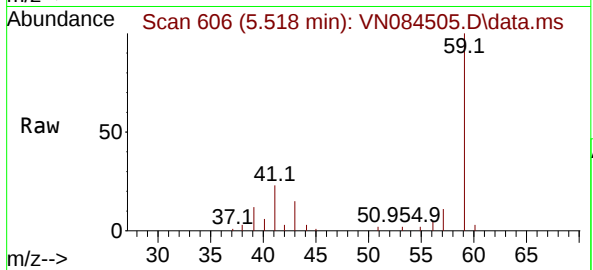




#23
tert-Butyl Alcohol
Concen: 87.026 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

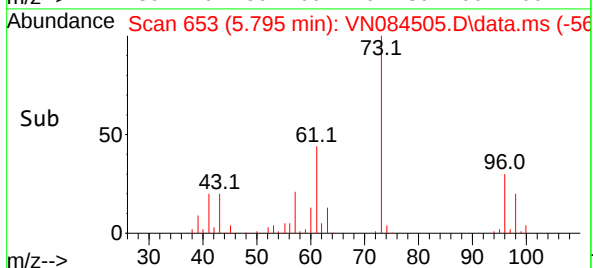
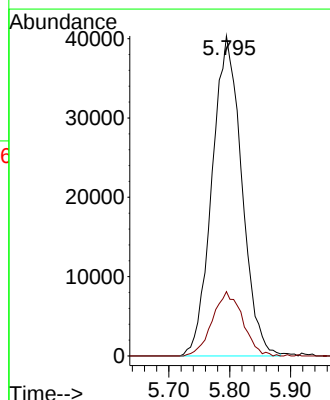
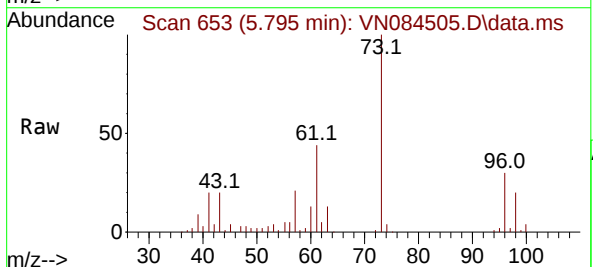
Instrument :
MSVOA_N
ClientSampleId :

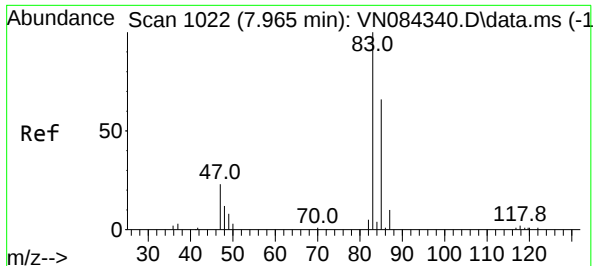
Tgt Ion: 59 Resp: 40923
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.758 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Tgt Ion: 73 Resp: 136638
Ion Ratio Lower Upper
73 100
43 20.2 10.9 16.3#





#25

Chloroform

Concen: 19.413 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

Instrument :

MSVOA_N

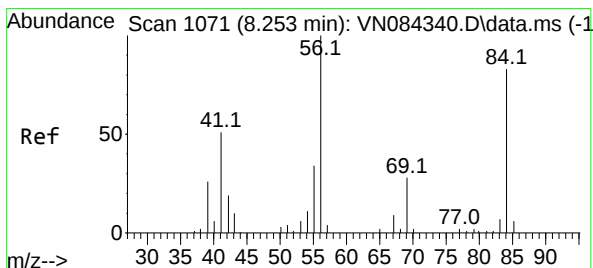
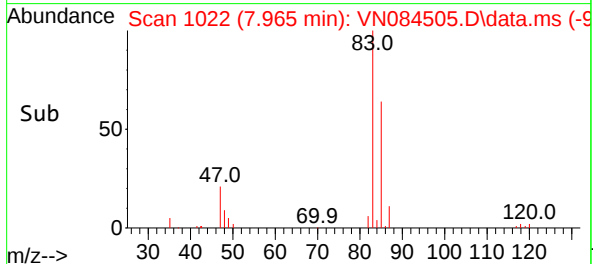
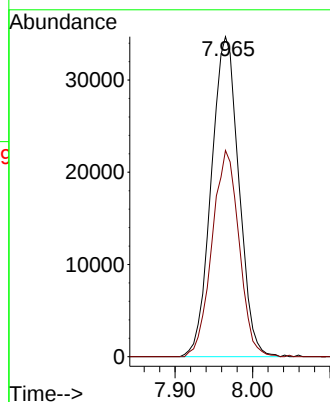
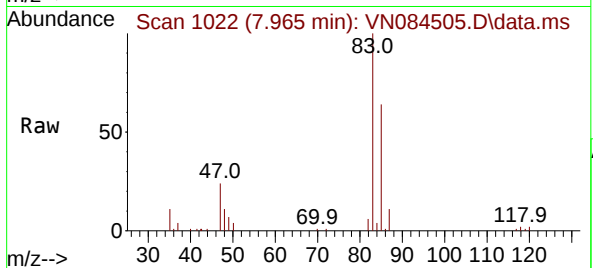
ClientSampleId :

Tgt Ion: 83 Resp: 85704

Ion Ratio Lower Upper

83 100

85 64.5 52.4 78.6



#26

Cyclohexane

Concen: 17.453 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.006 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

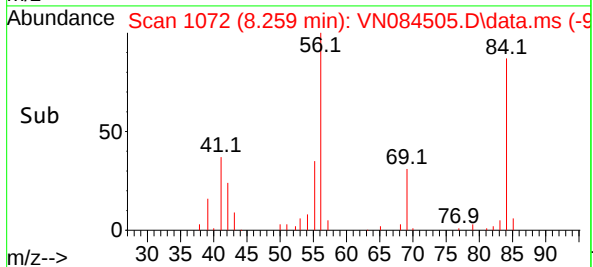
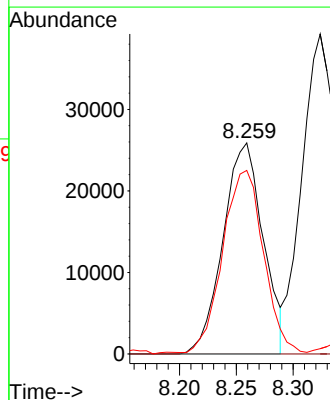
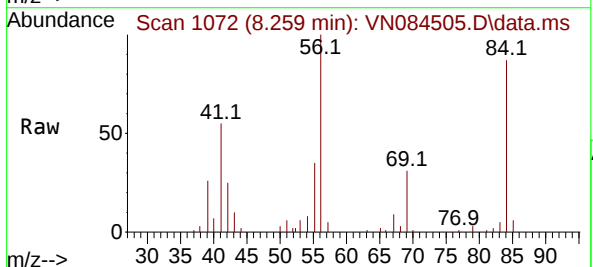
Tgt Ion: 56 Resp: 63628

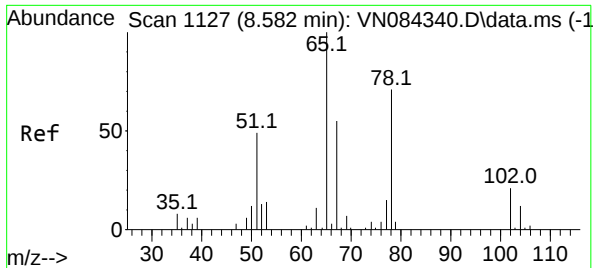
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 88.9 67.0 100.6

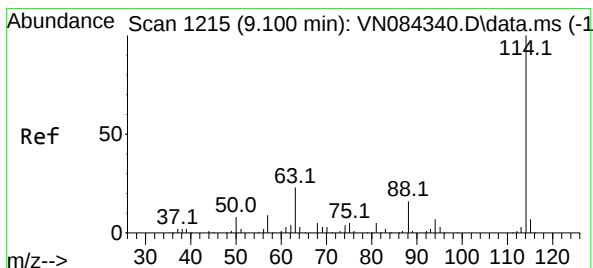
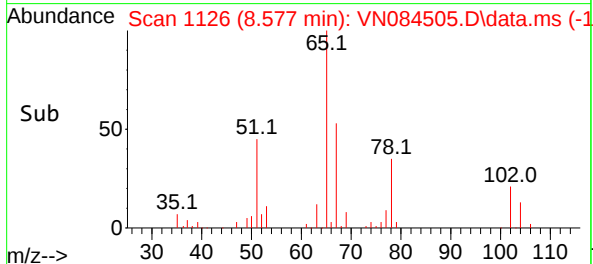
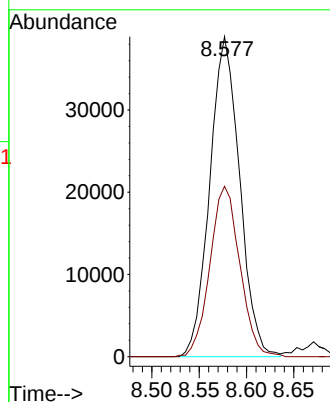
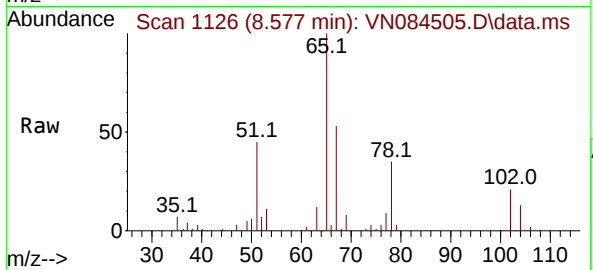




#27
1,2-Dichloroethane-d4
Concen: 30.313 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

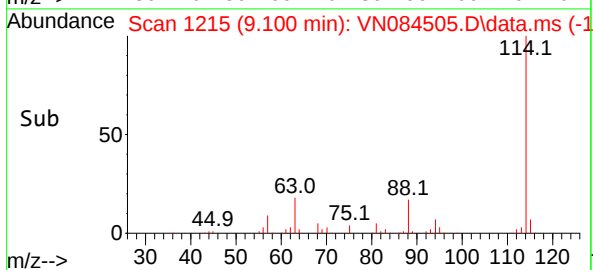
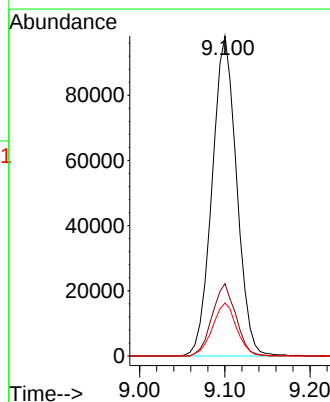
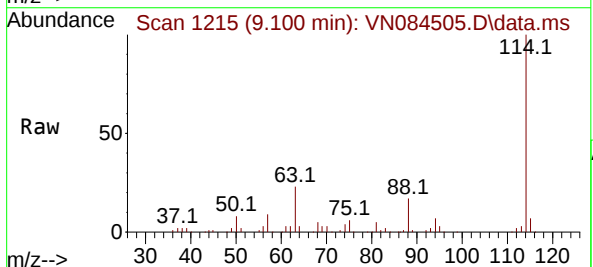
Instrument :
MSVOA_N
ClientSampleId :

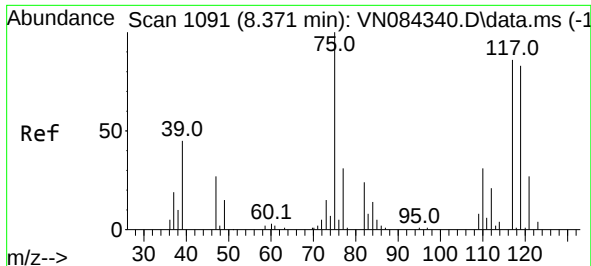
Tgt Ion: 65 Resp: 85431
Ion Ratio Lower Upper
65 100
67 53.2 41.5 62.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

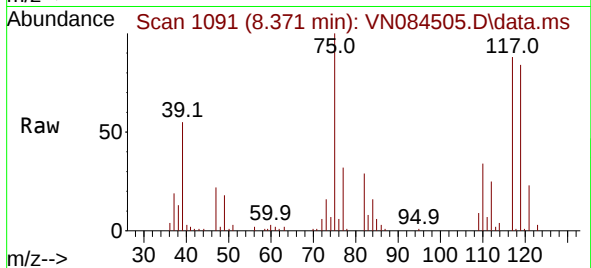
Tgt Ion:114 Resp: 196424
Ion Ratio Lower Upper
114 100
63 21.8 17.4 26.0
88 16.3 13.2 19.8



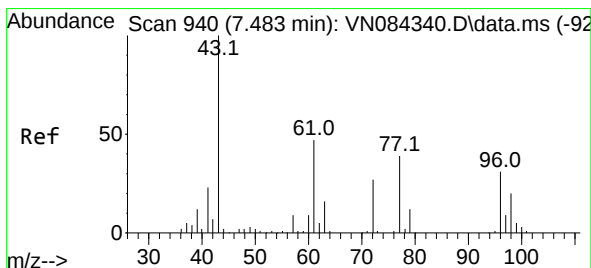
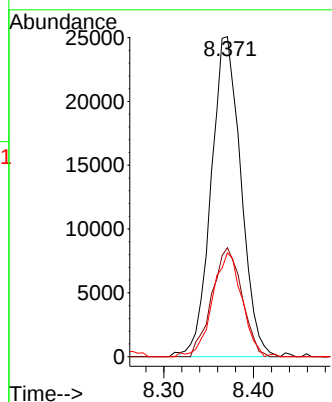
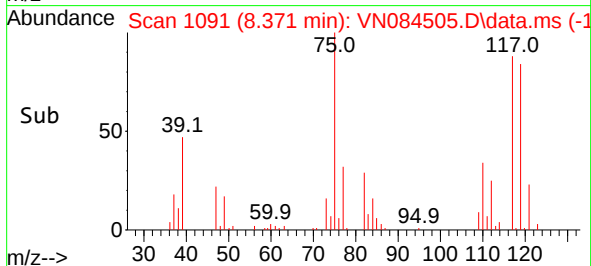


#29
1,1-Dichloropropene
Concen: 17.845 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Instrument :
MSVOA_N
ClientSampleId :

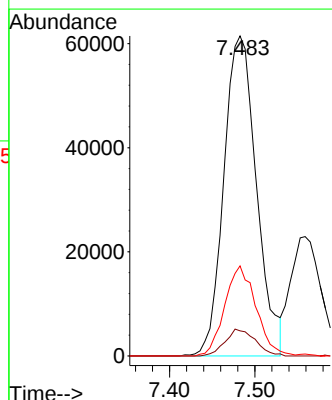
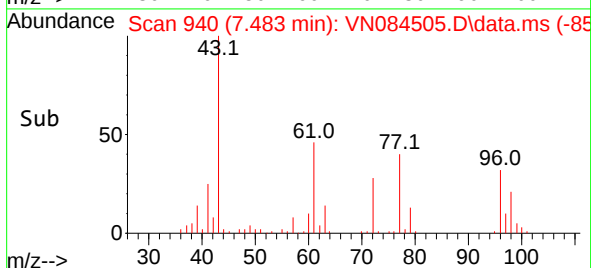
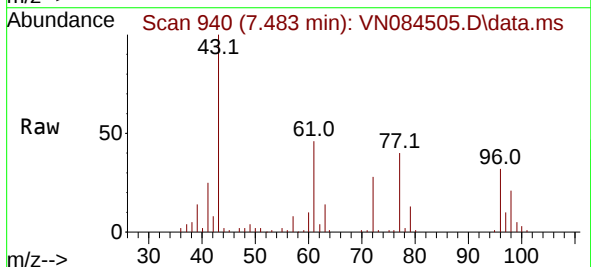


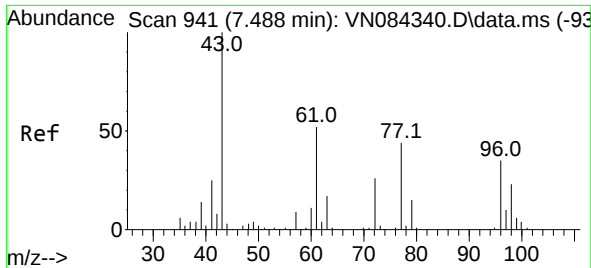
Tgt Ion: 75 Resp: 57539
Ion Ratio Lower Upper
75 100
110 34.4 0.0 67.6
77 31.8 0.0 61.4



#30
2-Butanone
Concen: 95.566 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Tgt Ion: 43 Resp: 164064
Ion Ratio Lower Upper
43 100
57 7.7 6.6 9.8
72 26.9 21.3 31.9





#31

2,2-Dichloropropane

Concen: 19.426 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

Instrument :

MSVOA_N

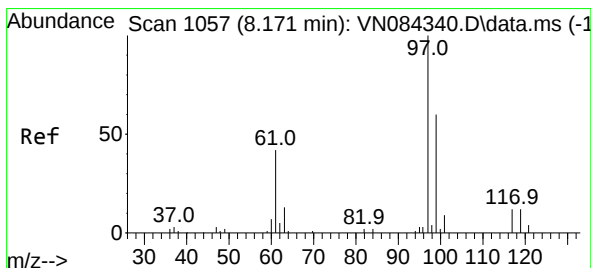
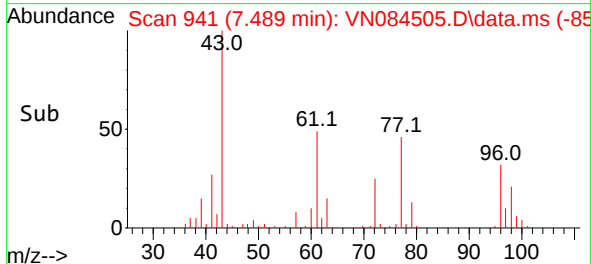
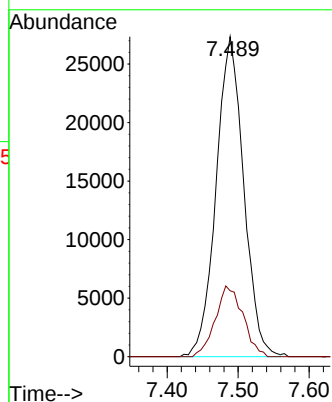
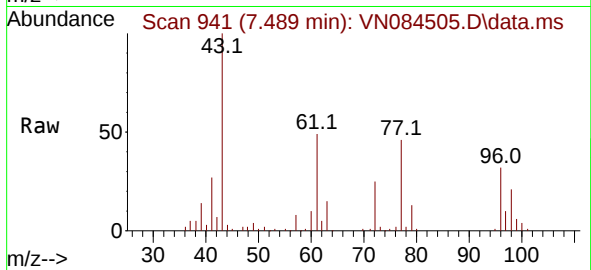
ClientSampleId :

Tgt Ion: 77 Resp: 73609

Ion Ratio Lower Upper

77 100

97 22.1 11.5 17.3#



#32

1,1,1-Trichloroethane

Concen: 18.116 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

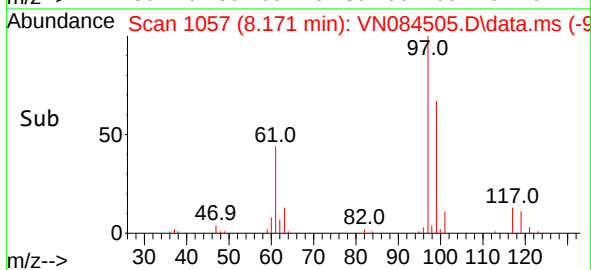
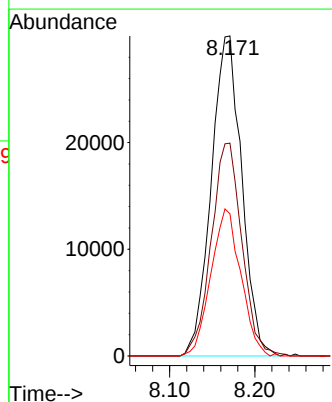
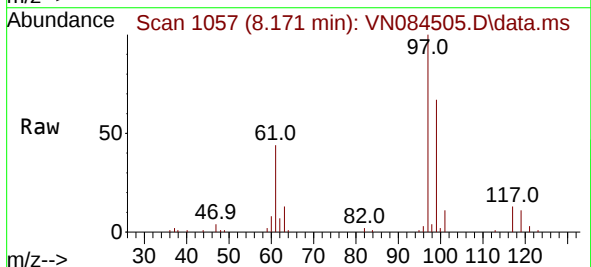
Tgt Ion: 97 Resp: 74667

Ion Ratio Lower Upper

97 100

99 66.8 51.2 76.8

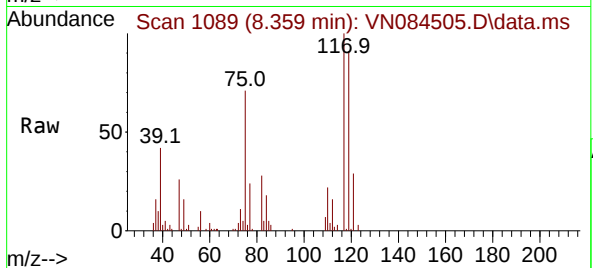
61 44.9 34.1 51.1



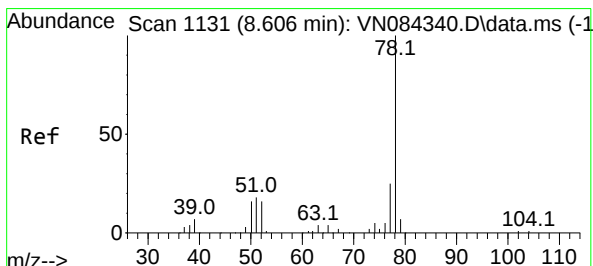
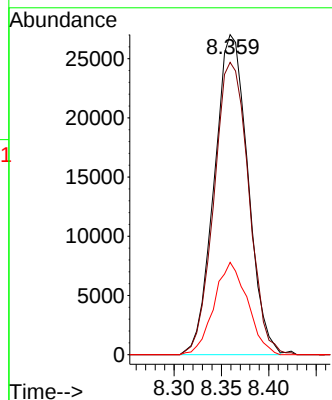
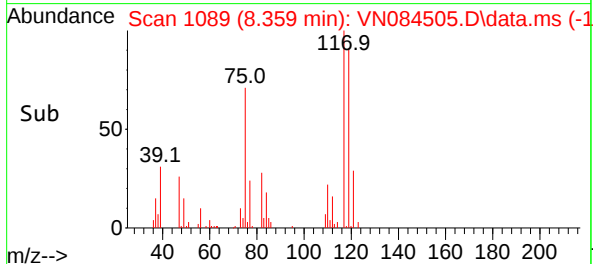


#33
Carbon Tetrachloride
Concen: 18.691 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Instrument :
MSVOA_N
ClientSampleId :

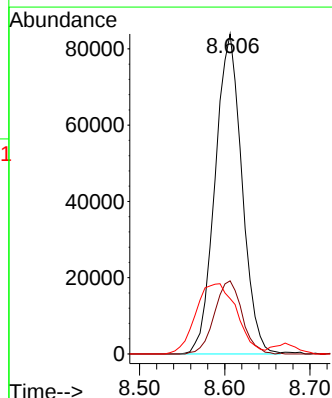
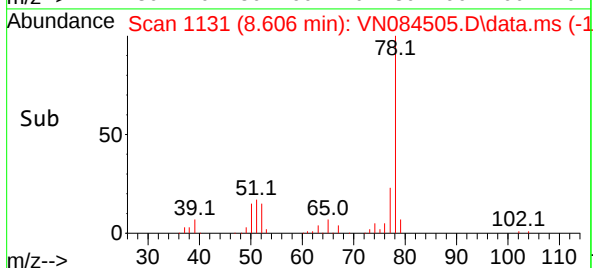
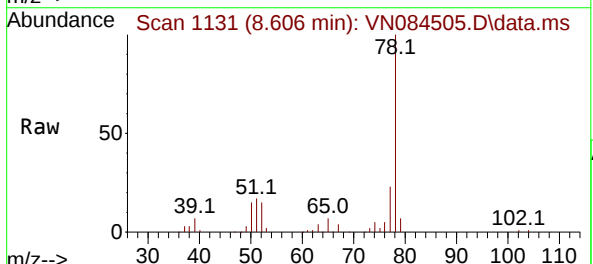


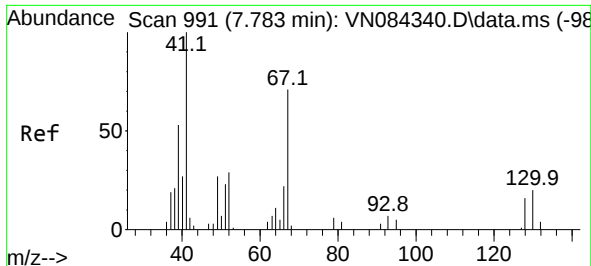
Tgt Ion:117 Resp: 66737
Ion Ratio Lower Upper
117 100
119 91.4 74.3 111.5
121 28.9 22.4 33.6



#34
Benzene
Concen: 18.173 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Tgt Ion: 78 Resp: 183430
Ion Ratio Lower Upper
78 100
77 22.9 19.6 29.4
51 15.1 15.8 23.6#



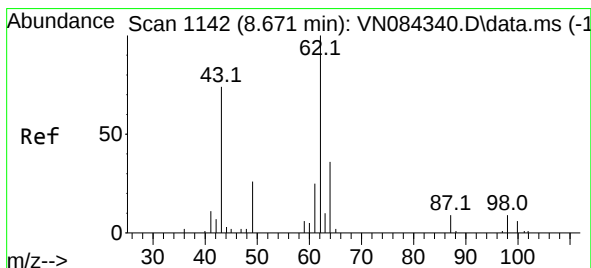
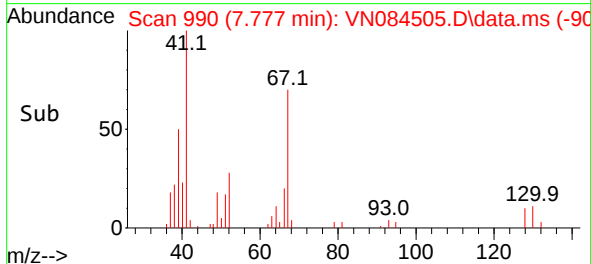
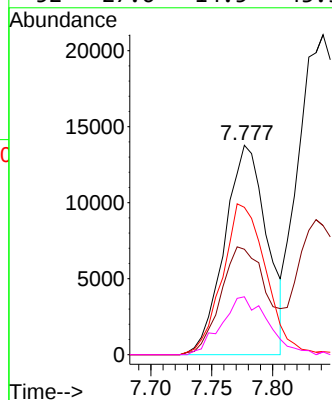
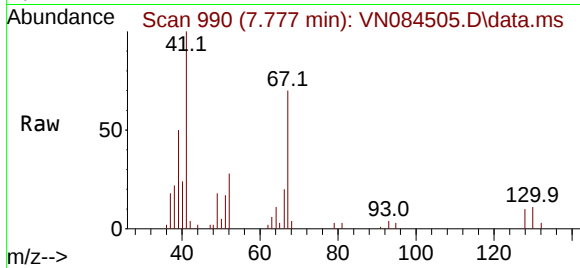


#35
Methacrylonitrile
Concen: 18.169 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 33276

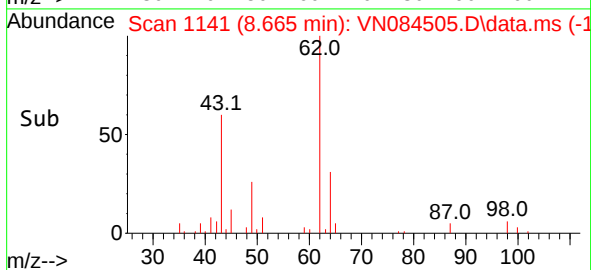
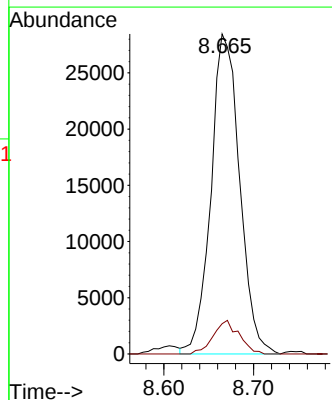
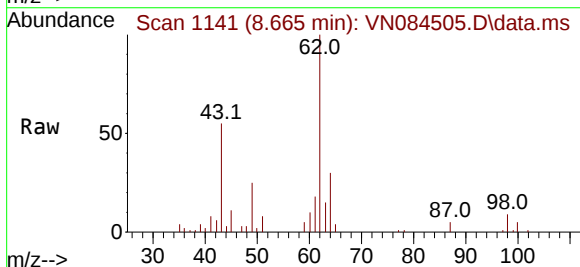
Ion	Ratio	Lower	Upper
41	100		
39	50.3	26.4	79.0
67	70.4	35.7	107.1
52	27.6	14.5	43.5



#36
1,2-Dichloroethane
Concen: 18.777 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Tgt Ion: 62 Resp: 63174

Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.3	10.9





#37

Trichloroethene

Concen: 18.502 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

Instrument :

MSVOA_N

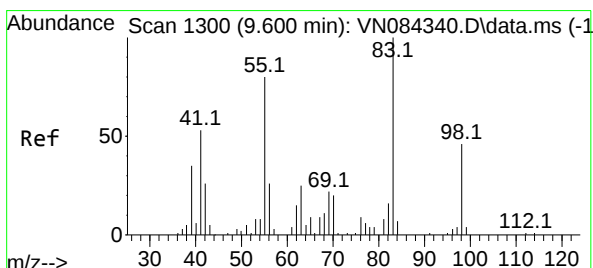
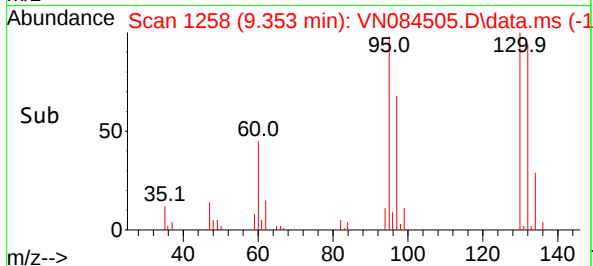
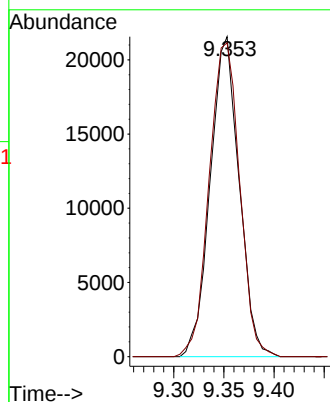
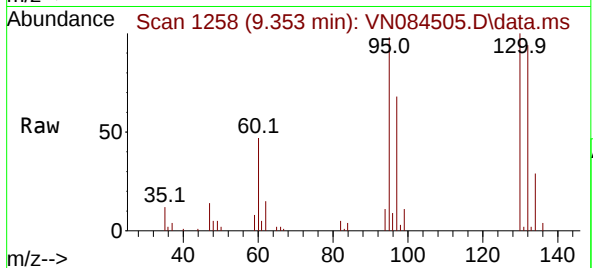
ClientSampleId :

Tgt Ion:130 Resp: 43004

Ion Ratio Lower Upper

130 100

95 98.1 85.8 128.6



#38

Methylcyclohexane

Concen: 17.381 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

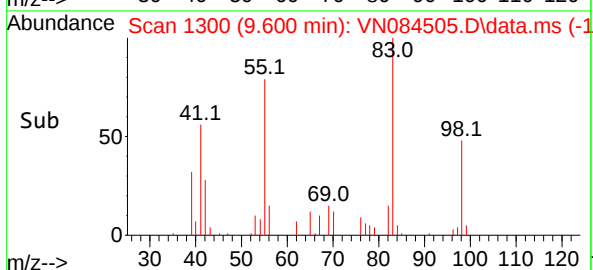
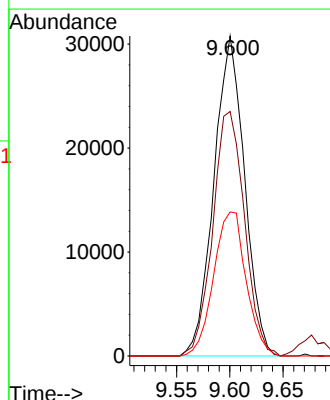
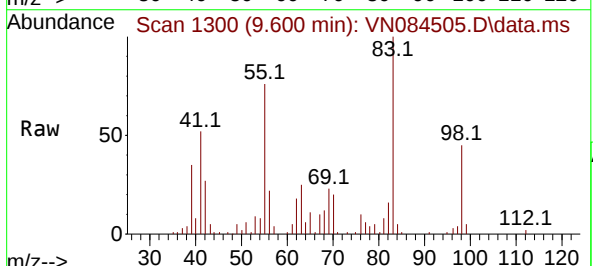
Tgt Ion: 83 Resp: 61561

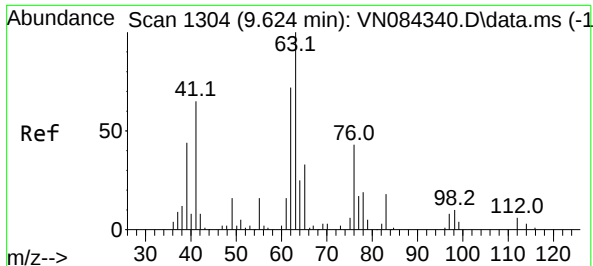
Ion Ratio Lower Upper

83 100

55 79.1 39.3 117.8

98 47.7 24.0 72.0





#39

1,2-Dichloropropane

Concen: 18.381 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

Instrument :

MSVOA_N

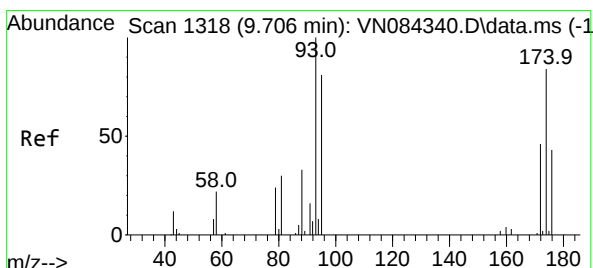
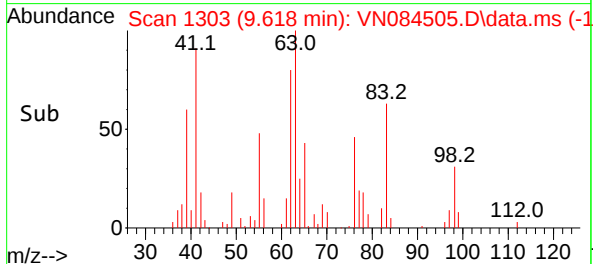
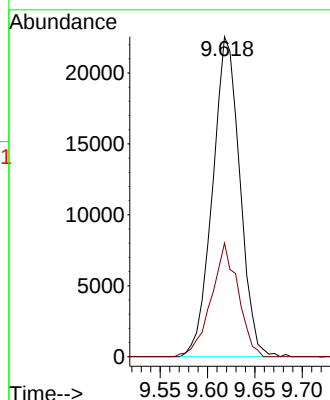
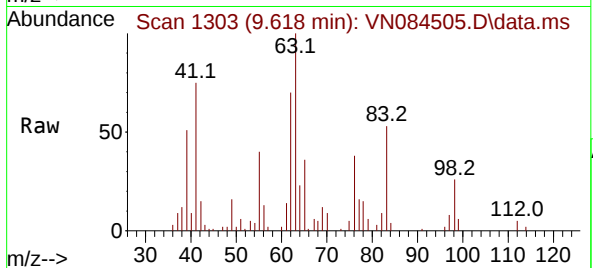
ClientSampleId :

Tgt Ion: 63 Resp: 45243

Ion Ratio Lower Upper

63 100

65 35.5 26.3 39.5



#40

Dibromomethane

Concen: 18.378 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

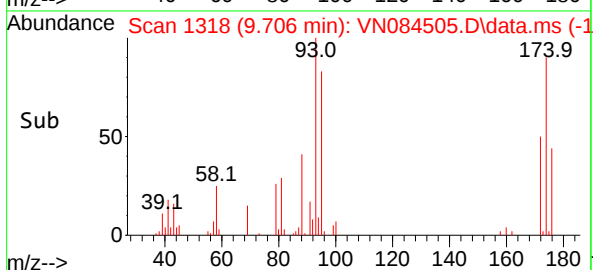
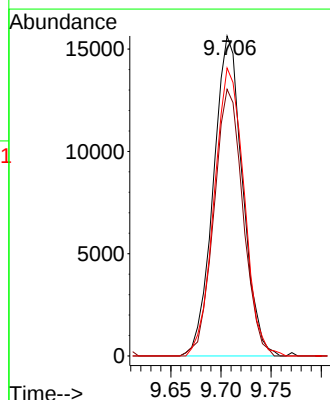
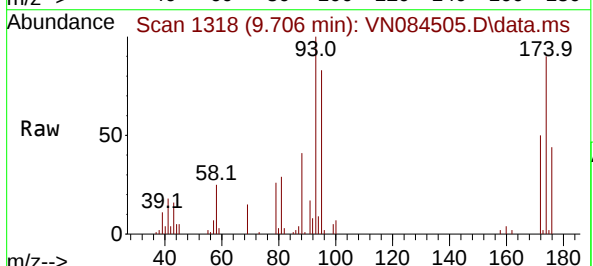
Tgt Ion: 93 Resp: 31615

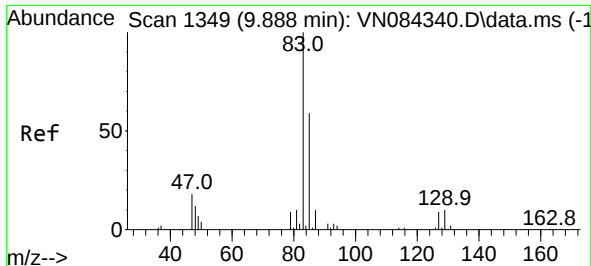
Ion Ratio Lower Upper

93 100

95 83.1 0.0 171.4

174 92.1 0.0 183.0

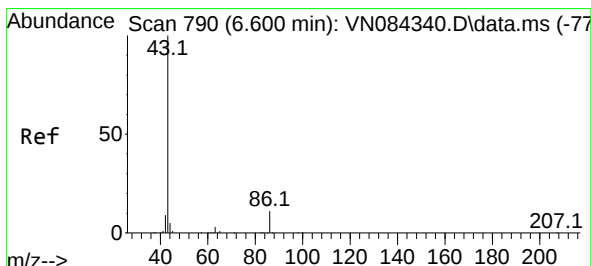
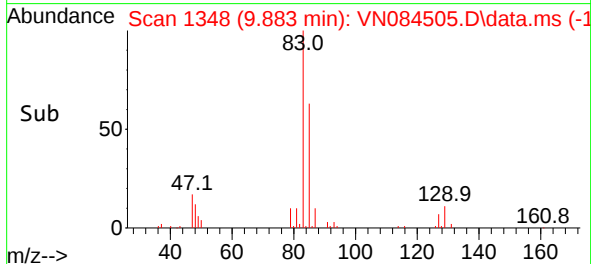
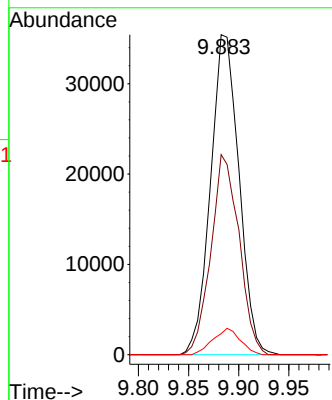
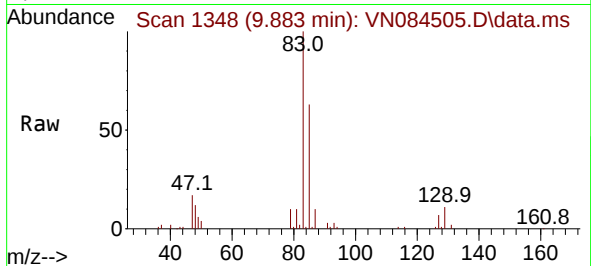




#41
Bromodichloromethane
Concen: 19.150 ug/l
RT: 9.883 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

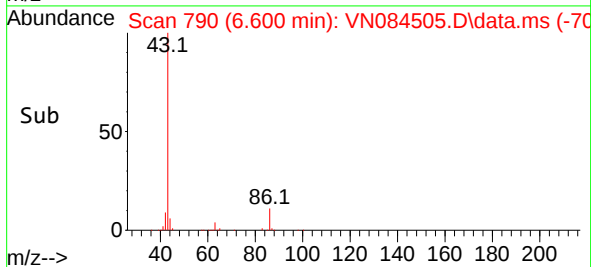
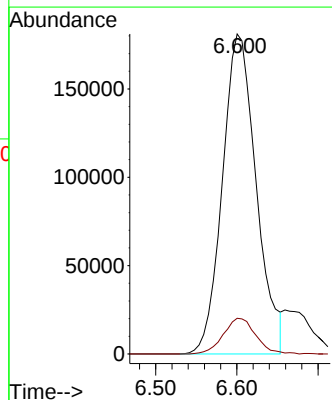
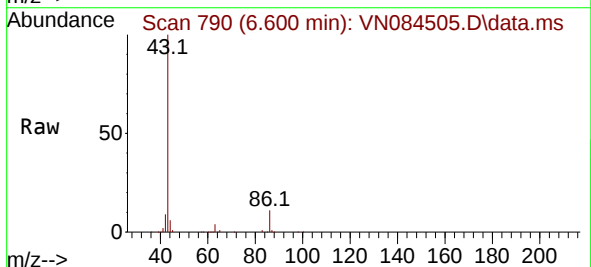
Instrument :
MSVOA_N
ClientSampleId :

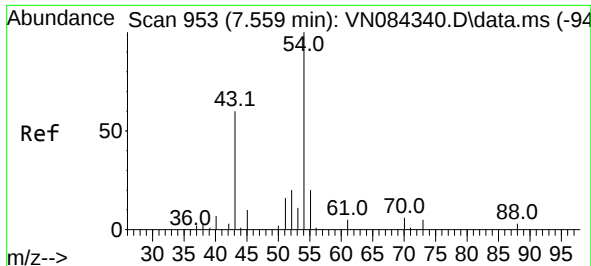
Tgt Ion: 83 Resp: 69934
Ion Ratio Lower Upper
83 100
85 62.5 47.1 70.7
127 6.6 7.1 10.7#



#42
Vinyl Acetate
Concen: 87.789 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Tgt Ion: 43 Resp: 524167
Ion Ratio Lower Upper
43 100
86 10.6 8.5 12.7





#43

Ethyl Acetate

Concen: 15.702 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

Instrument :

MSVOA_N

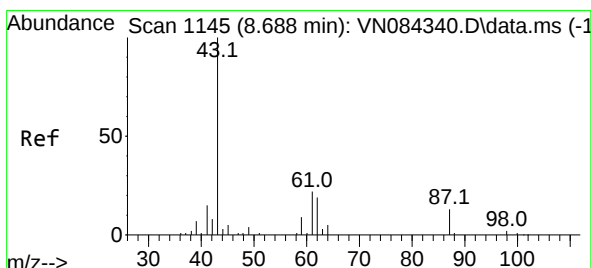
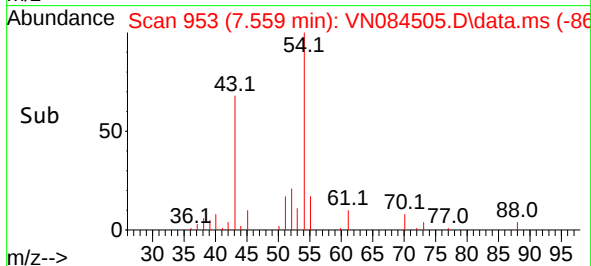
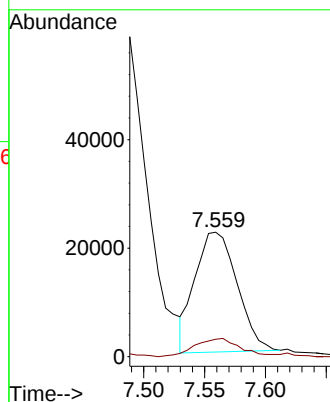
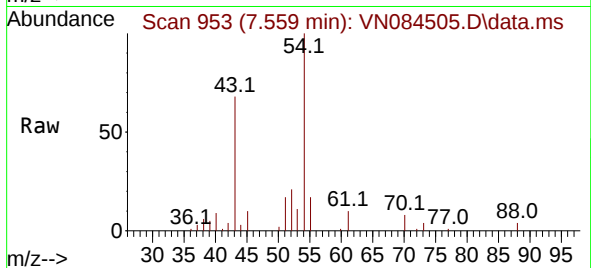
ClientSampleId :

Tgt Ion: 43 Resp: 53166

Ion Ratio Lower Upper

43 100

45 16.4 10.6 16.0#



#44

Isopropyl Acetate

Concen: 21.839 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084505.D

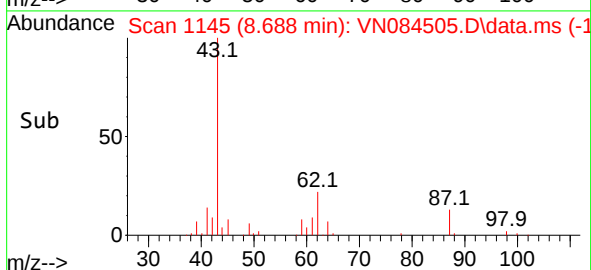
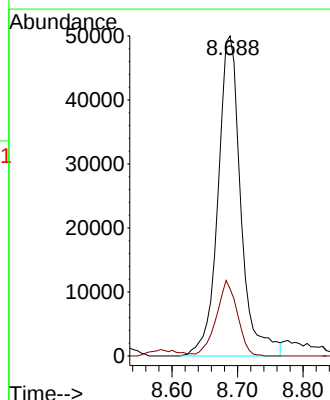
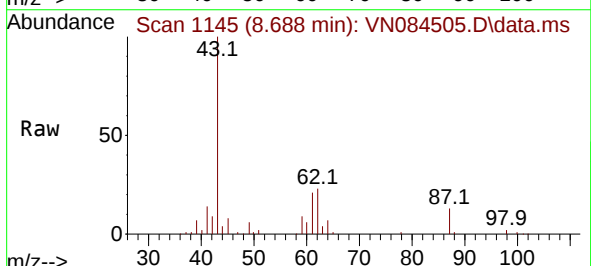
Acq: 25 Oct 2024 10:40

Tgt Ion: 43 Resp: 121028

Ion Ratio Lower Upper

43 100

61 21.7 21.4 32.2





#45

1,4-Dioxane

Concen: 356.411 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

Instrument :

MSVOA_N

ClientSampleId :

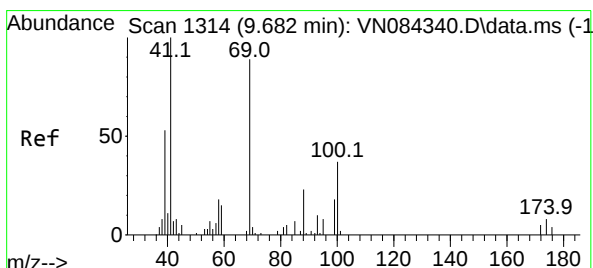
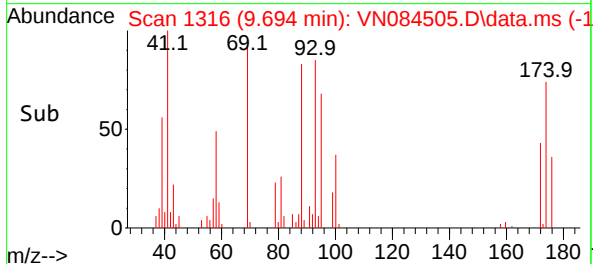
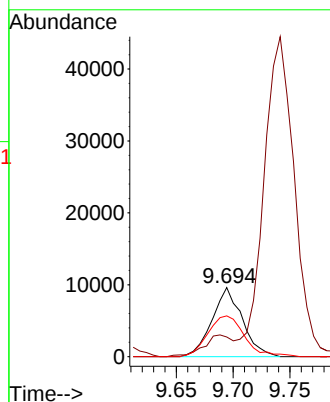
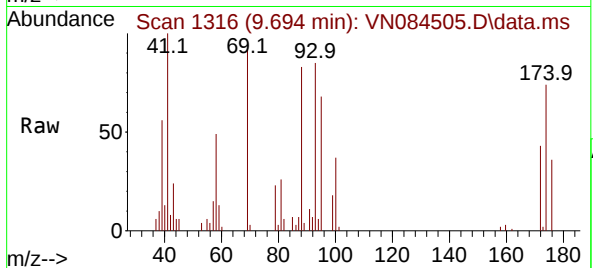
Tgt Ion: 88 Resp: 17805

Ion Ratio Lower Upper

88 100

43 24.7 22.4 33.6

58 71.6 59.7 89.5



#46

Methyl methacrylate

Concen: 17.222 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

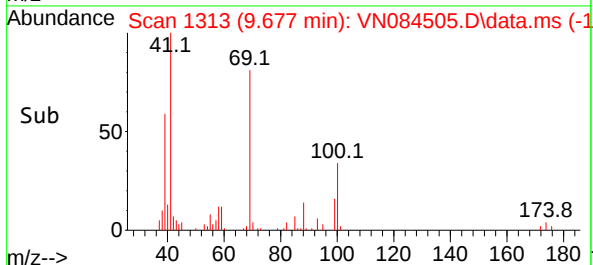
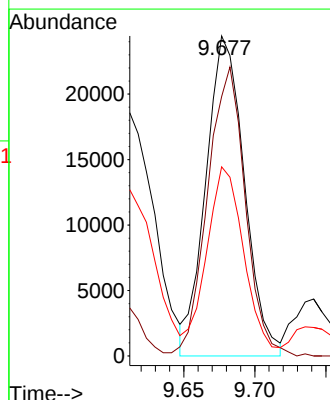
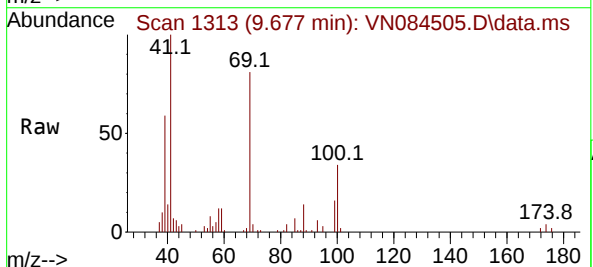
Tgt Ion: 41 Resp: 46112

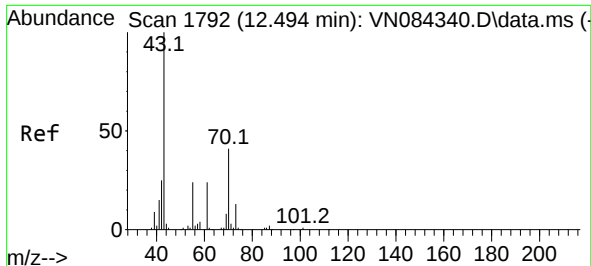
Ion Ratio Lower Upper

41 100

69 81.7 42.6 128.0

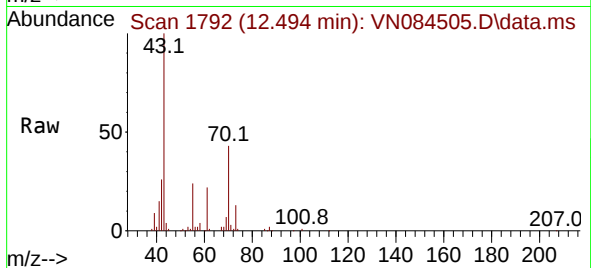
39 58.9 27.5 82.4



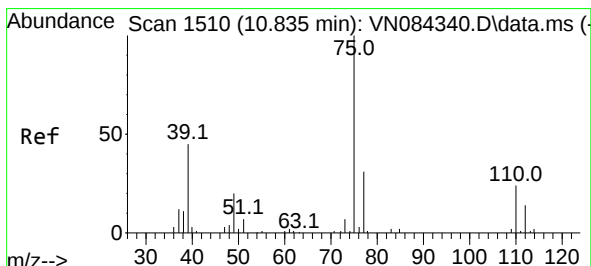
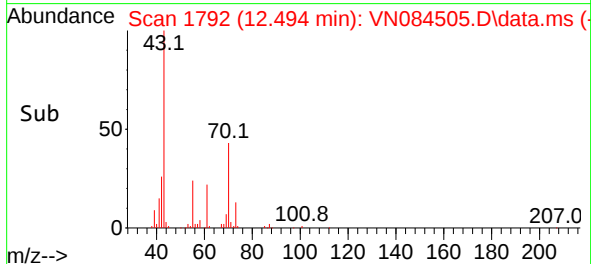
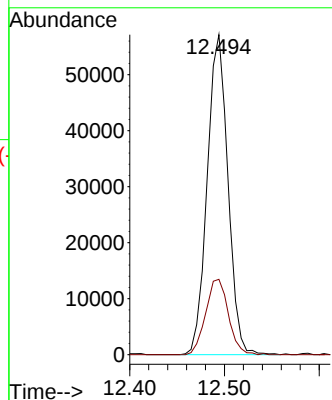


#47
n-amyl acetate
Concen: 17.612 ug/l
RT: 12.494 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Instrument :
MSVOA_N
ClientSampleId :

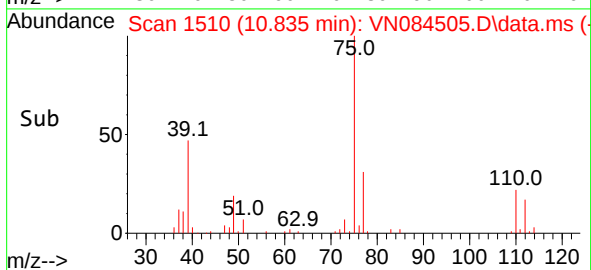
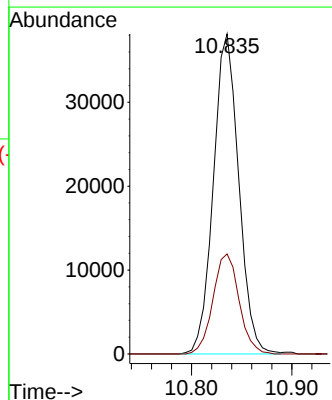
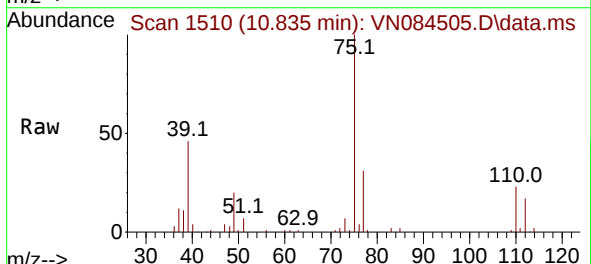


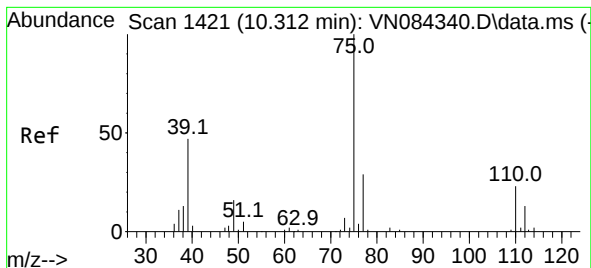
Tgt Ion: 43 Resp: 86813
Ion Ratio Lower Upper
43 100
55 25.8 20.6 31.0



#48
t-1,3-Dichloropropene
Concen: 17.755 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Tgt Ion: 75 Resp: 67004
Ion Ratio Lower Upper
75 100
77 31.3 24.6 37.0

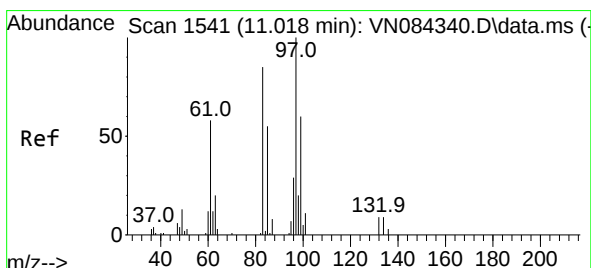
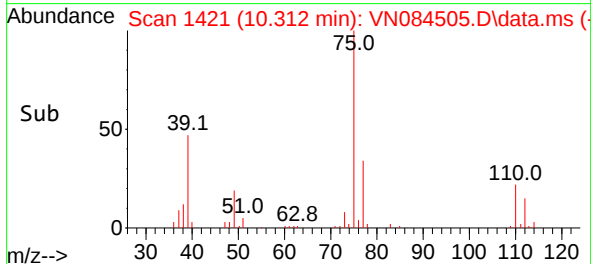
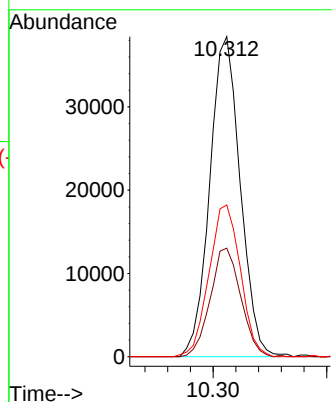
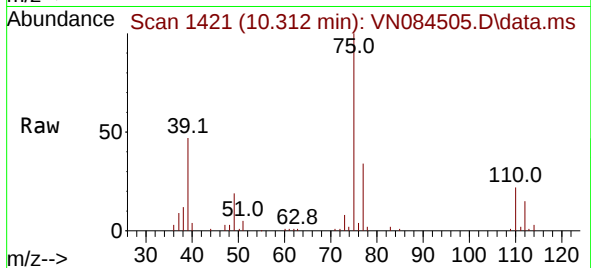




#49
 cis-1,3-Dichloropropene
 Concen: 18.112 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN084505.D
 Acq: 25 Oct 2024 10:40

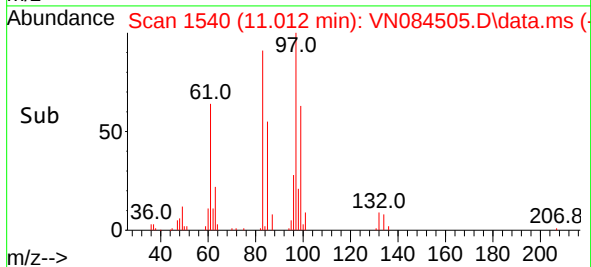
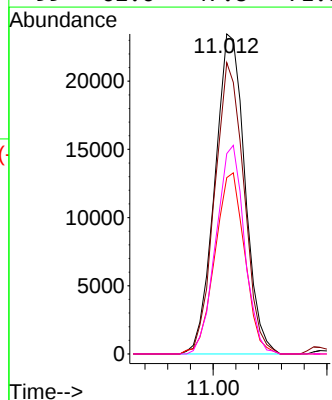
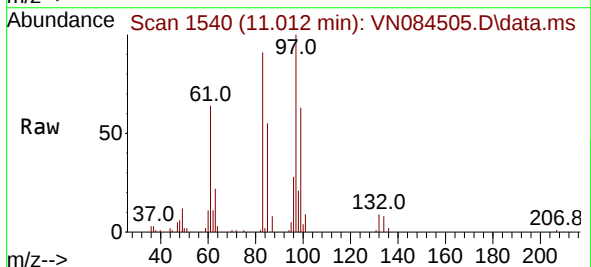
Instrument :
 MSVOA_N
 ClientSampleId :

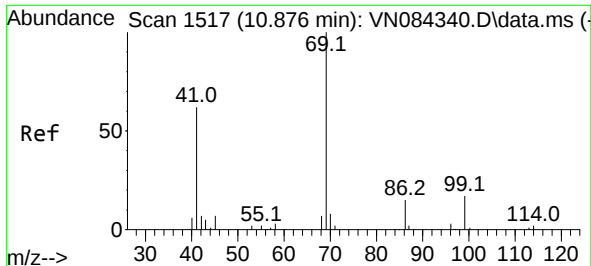
Tgt Ion:	75	Resp:	71632
Ion	Ratio	Lower	Upper
75	100		
77	33.9	22.9	34.3
39	47.4	37.4	56.2



#50
 1,1,2-Trichloroethane
 Concen: 18.654 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.006 min
 Lab File: VN084505.D
 Acq: 25 Oct 2024 10:40

Tgt Ion:	97	Resp:	43132
Ion	Ratio	Lower	Upper
97	100		
83	91.1	67.8	101.8
85	55.1	44.2	66.2
99	62.6	47.8	71.8

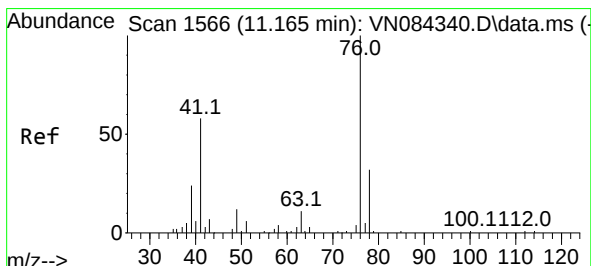
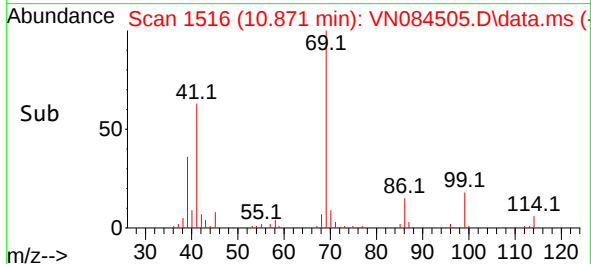
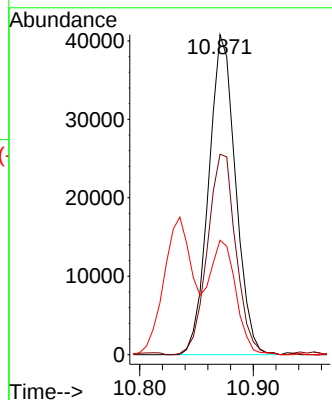
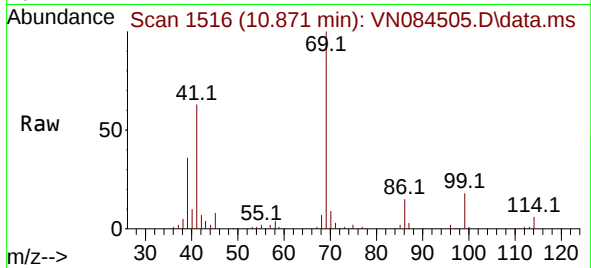




#51
Ethyl methacrylate
Concen: 17.595 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

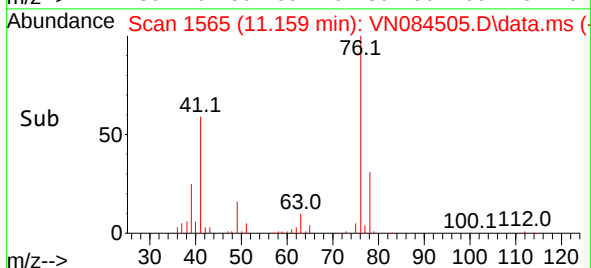
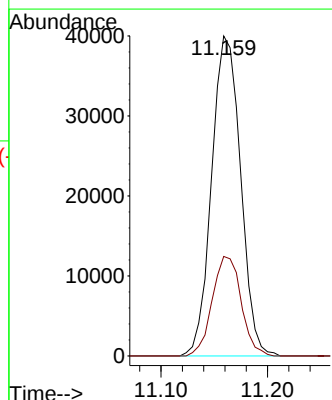
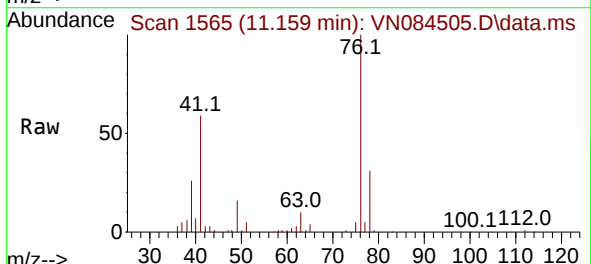
Instrument :
MSVOA_N
ClientSampleId :

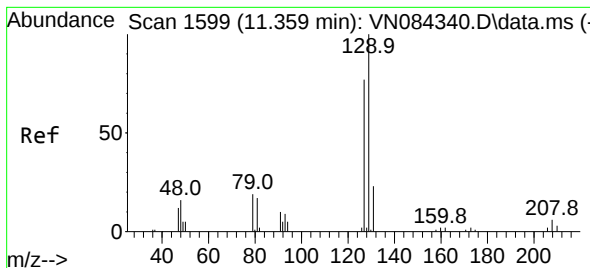
Tgt Ion: 69 Resp: 67198
Ion Ratio Lower Upper
69 100
41 62.6 30.9 92.7
39 35.8 16.6 49.7



#52
1,3-Dichloropropane
Concen: 18.688 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

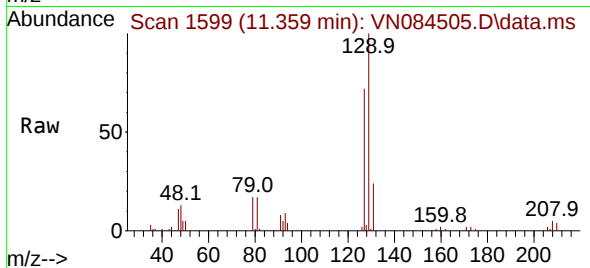
Tgt Ion: 76 Resp: 75556
Ion Ratio Lower Upper
76 100
78 31.0 0.0 64.2



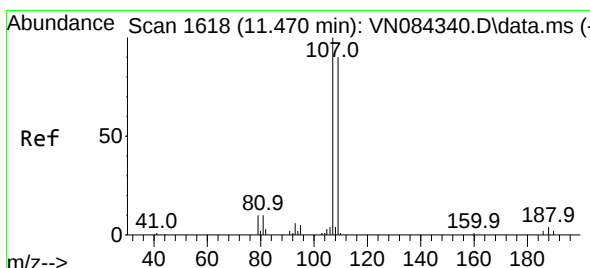
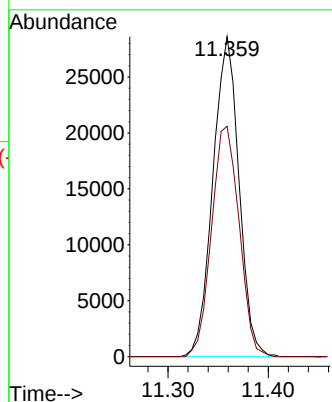
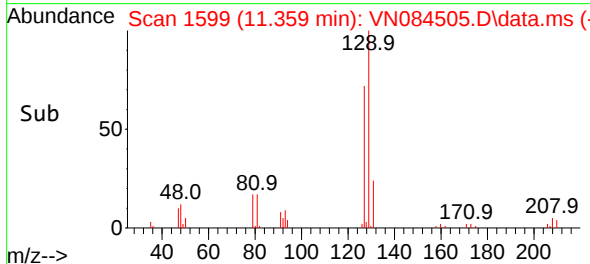


#53
Dibromochloromethane
Concen: 18.898 ug/l
RT: 11.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Instrument :
MSVOA_N
ClientSampleId :

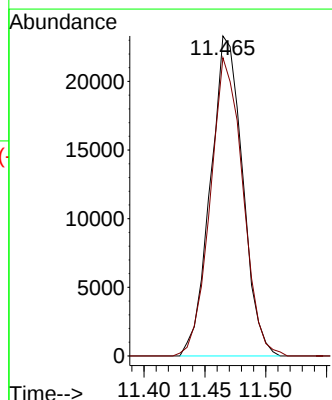
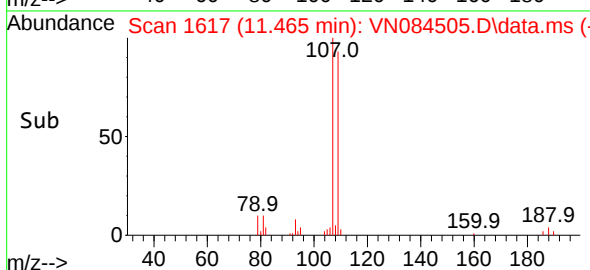
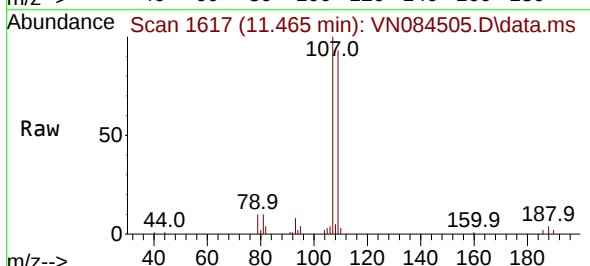


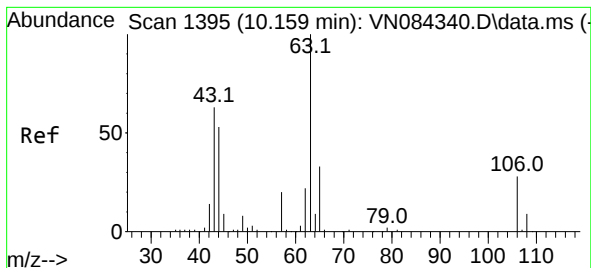
Tgt Ion:129 Resp: 51619
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5



#54
1,2-Dibromoethane
Concen: 17.984 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Tgt Ion:107 Resp: 42803
Ion Ratio Lower Upper
107 100
109 94.2 73.8 110.6

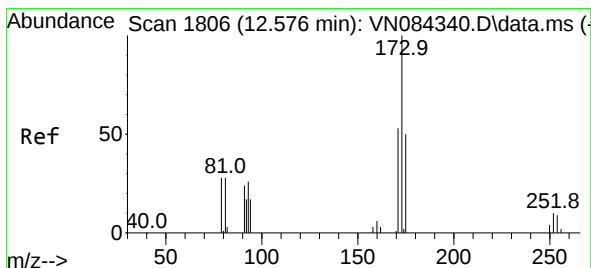
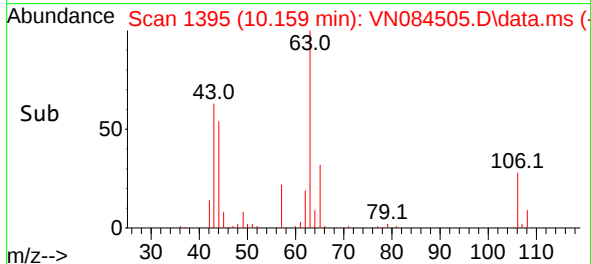
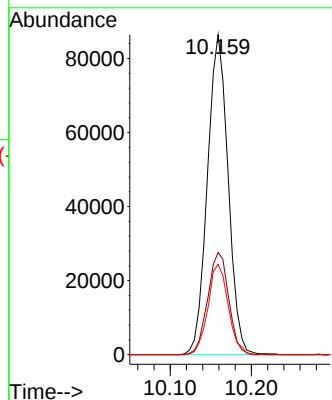
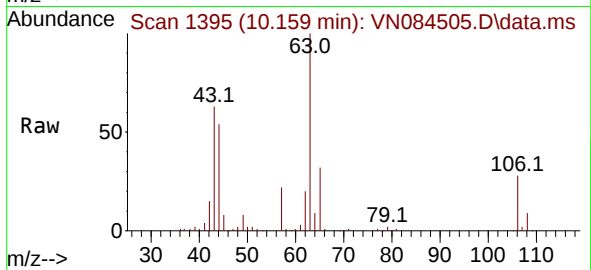




#55
2-Chloroethyl vinyl ether
Concen: 88.521 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

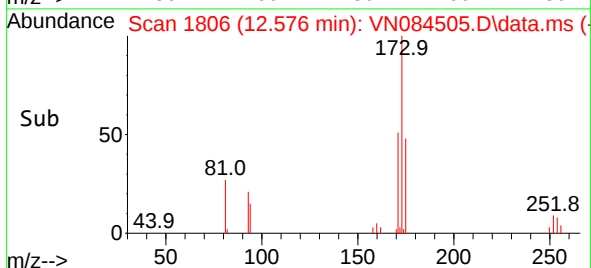
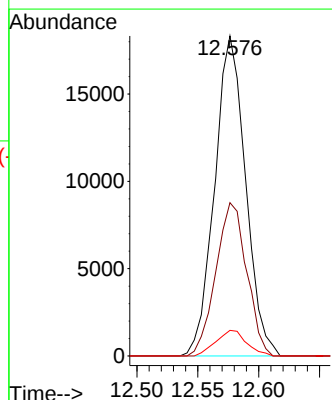
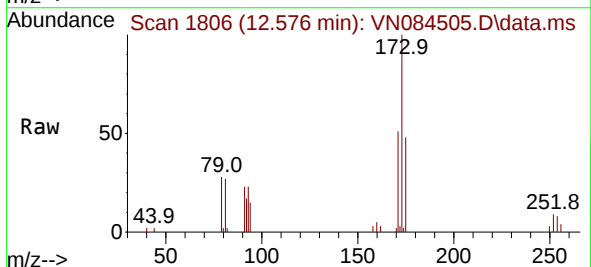
Instrument :
MSVOA_N
ClientSampleId :

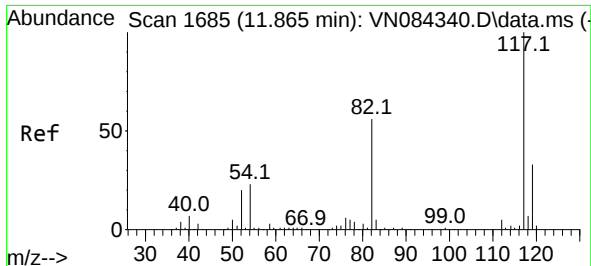
Tgt Ion: 63 Resp: 153339
Ion Ratio Lower Upper
63 100
65 32.3 25.6 38.4
106 27.7 21.6 32.4



#56
Bromoform
Concen: 17.883 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

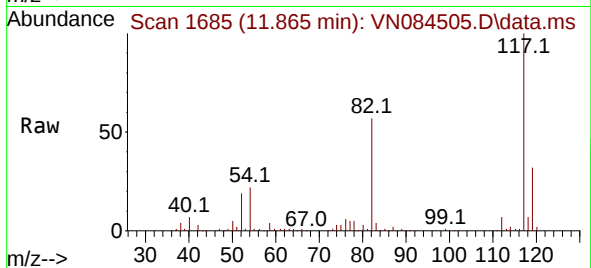
Tgt Ion: 173 Resp: 32397
Ion Ratio Lower Upper
173 100
175 47.7 39.4 59.2
254 7.9 6.8 10.2



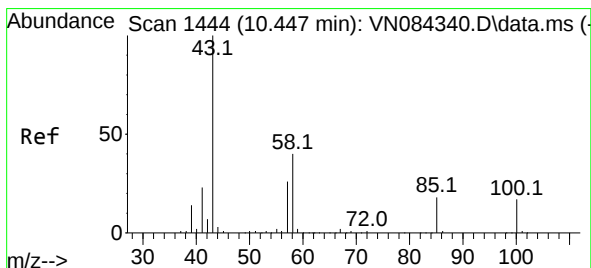
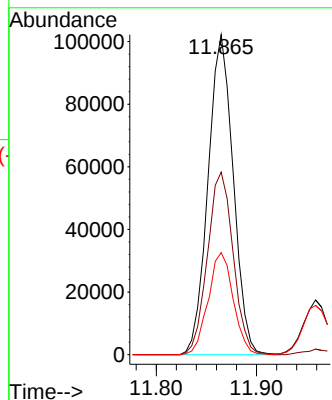
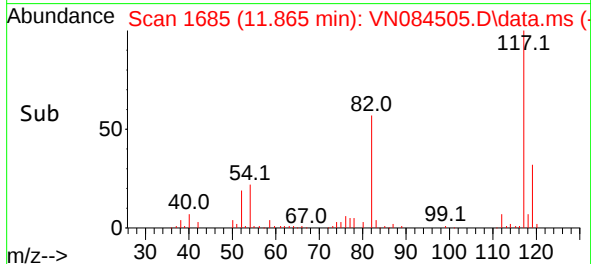


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

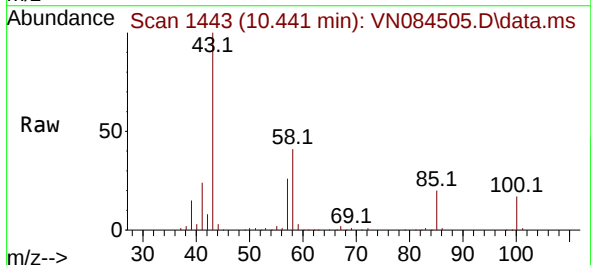
Instrument :
MSVOA_N
ClientSampleId :



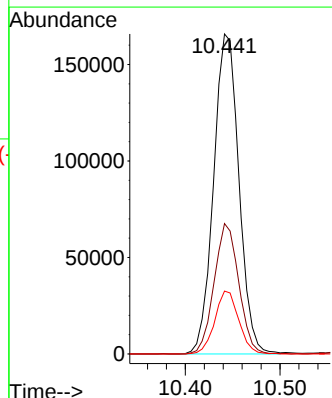
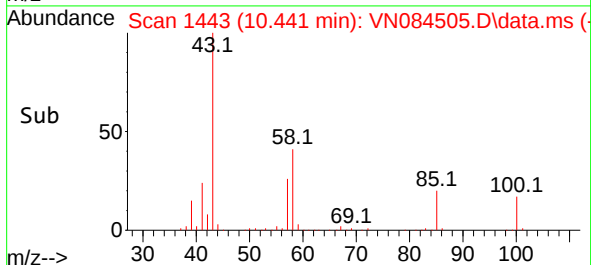
Tgt Ion:117 Resp: 178483
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 31.8 25.4 38.2

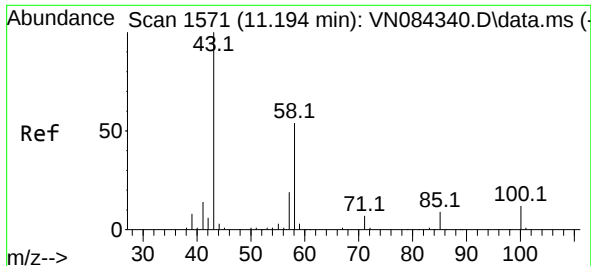


#58
4-Methyl-2-Pentanone
Concen: 92.625 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40



Tgt Ion: 43 Resp: 307964
Ion Ratio Lower Upper
43 100
58 39.6 31.9 47.9
85 18.6 14.6 22.0

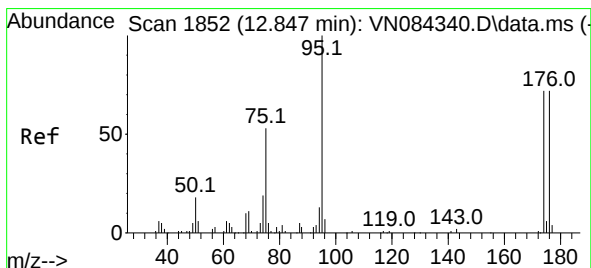
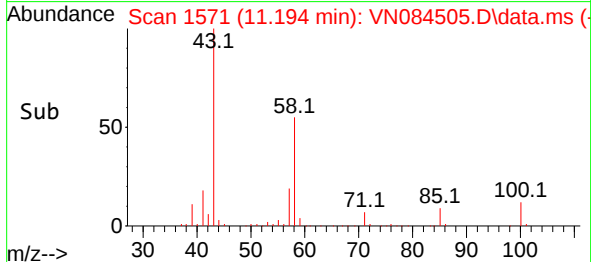
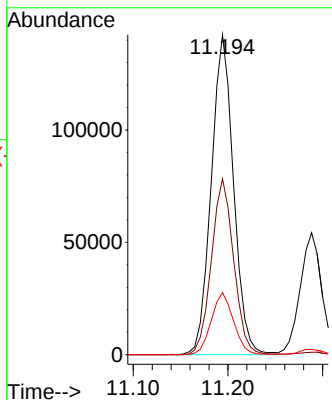
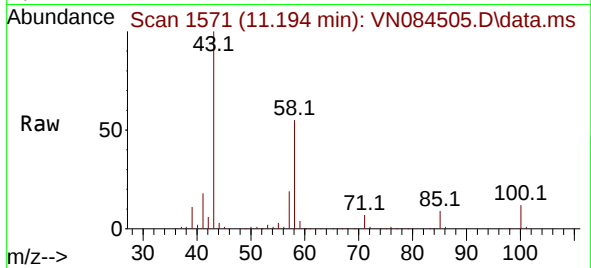




#59
2-Hexanone
Concen: 94.363 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

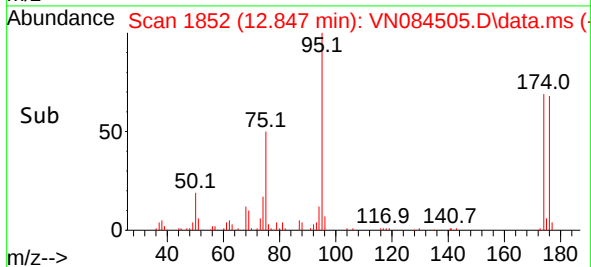
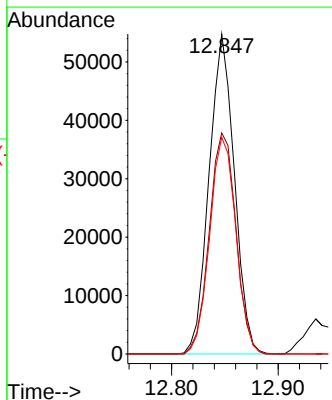
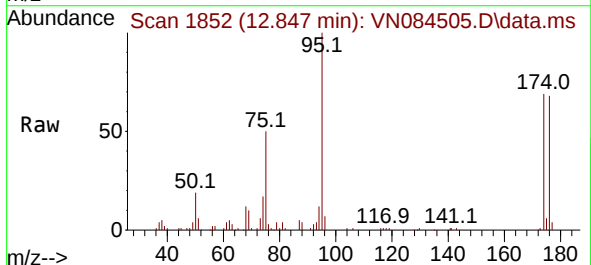
Instrument :
MSVOA_N
ClientSampleId :

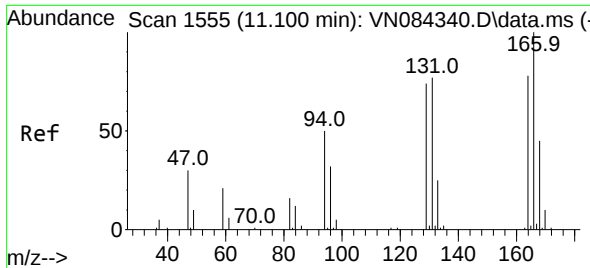
Tgt Ion: 43 Resp: 233137
Ion Ratio Lower Upper
43 100
58 55.0 44.0 66.0
57 19.4 15.4 23.2



#60
4-Bromofluorobenzene
Concen: 30.625 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

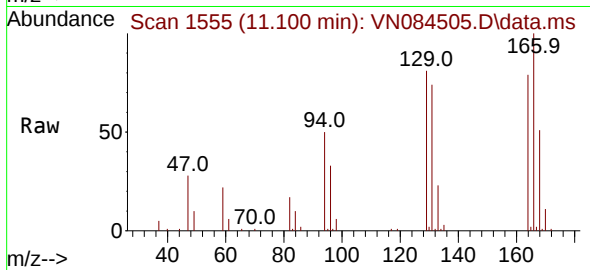
Tgt Ion: 95 Resp: 90213
Ion Ratio Lower Upper
95 100
174 72.8 58.2 87.2
176 70.3 56.4 84.6



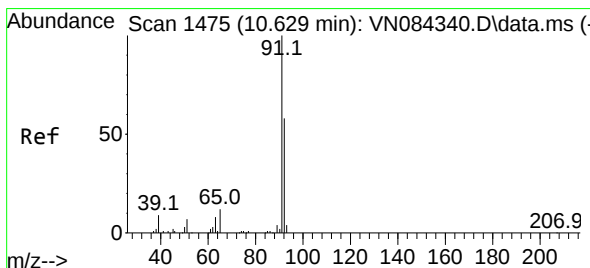
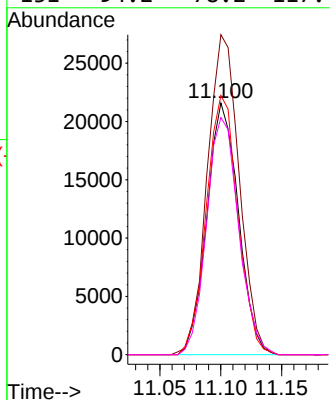
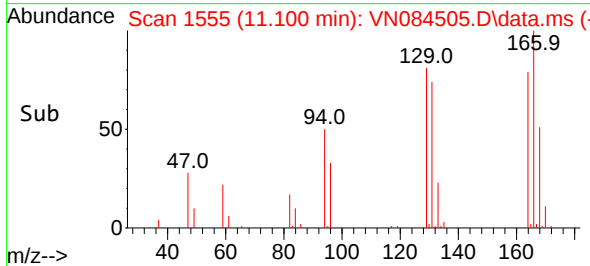


#61
Tetrachloroethene
Concen: 19.296 ug/l
RT: 11.100 min Scan# 1155
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

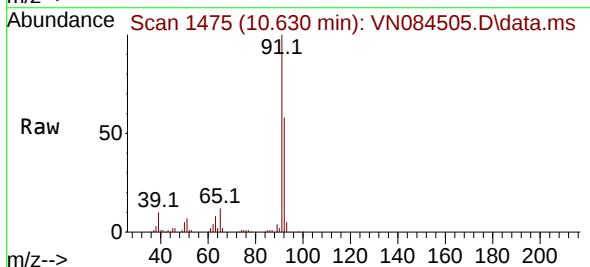
Instrument :
MSVOA_N
ClientSampleId :



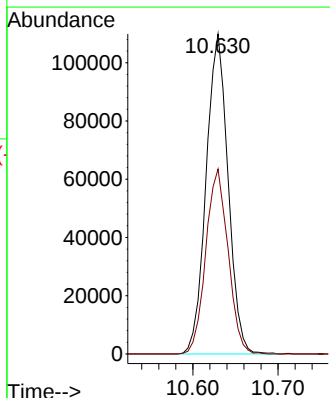
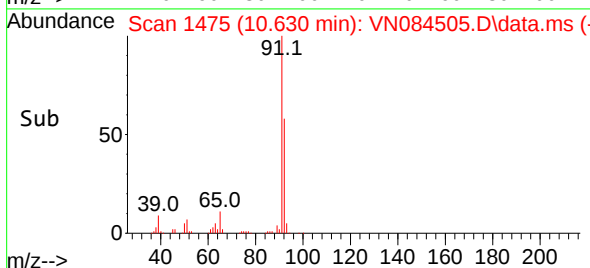
Tgt Ion:164 Resp: 38956
Ion Ratio Lower Upper
164 100
166 127.1 102.5 153.7
129 103.0 75.7 113.5
131 94.2 78.2 117.4

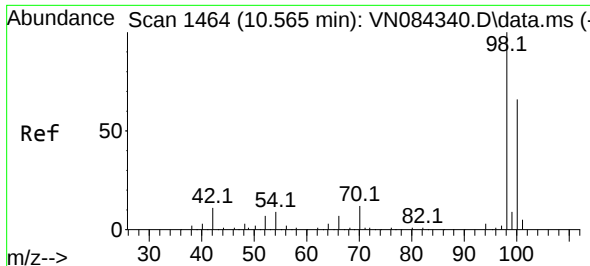


#62
Toluene
Concen: 18.818 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40



Tgt Ion: 91 Resp: 196630
Ion Ratio Lower Upper
91 100
92 58.5 47.2 70.8

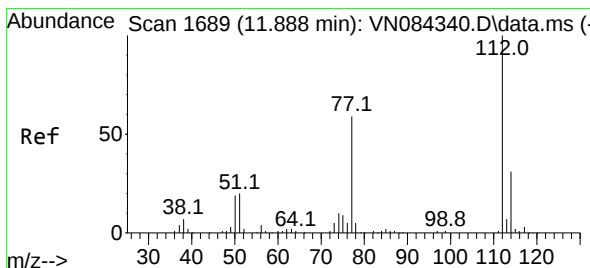
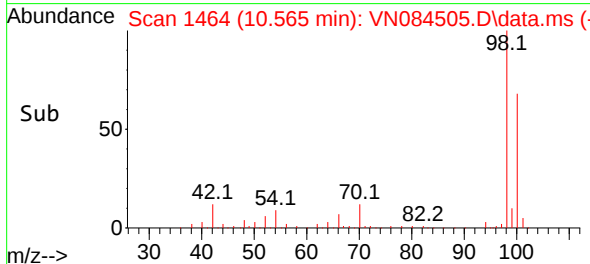
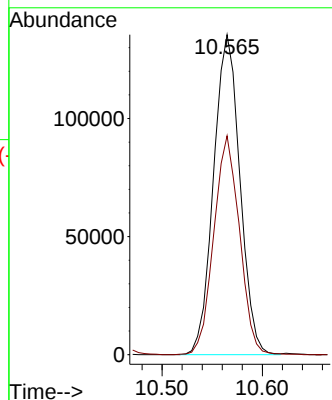
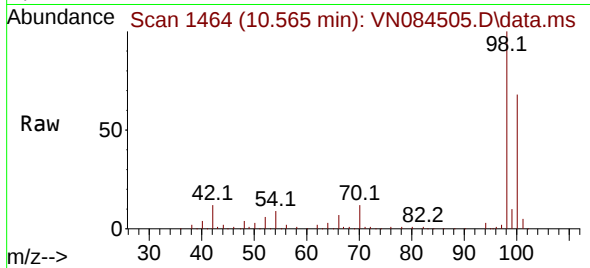




#63
Toluene-d8
Concen: 29.883 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

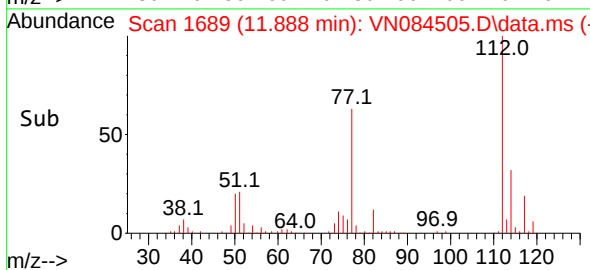
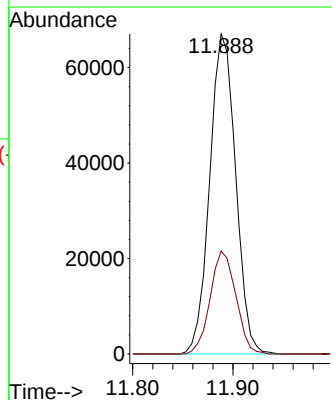
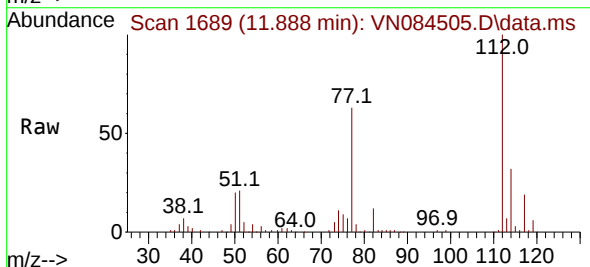
Instrument :
MSVOA_N
ClientSampleId :

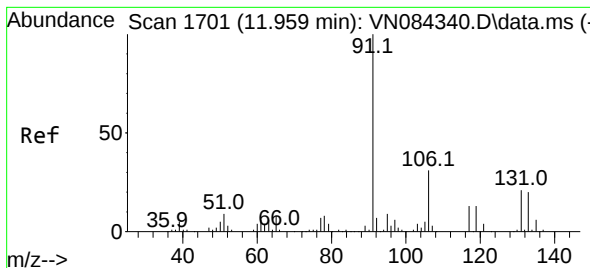
Tgt Ion: 98 Resp: 247087
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7



#64
Chlorobenzene
Concen: 18.545 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Tgt Ion: 112 Resp: 120580
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7

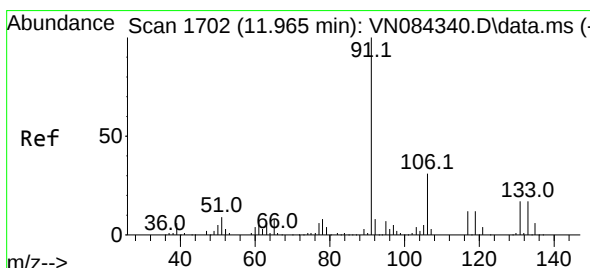
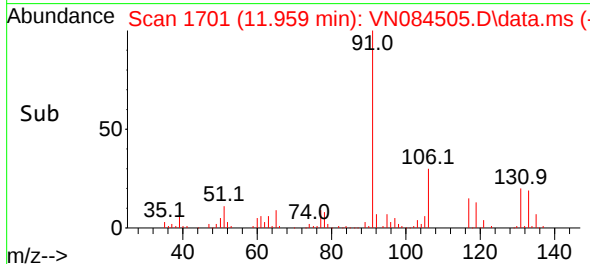
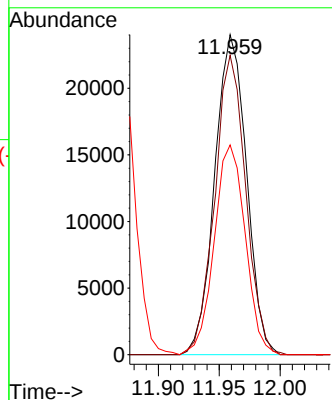
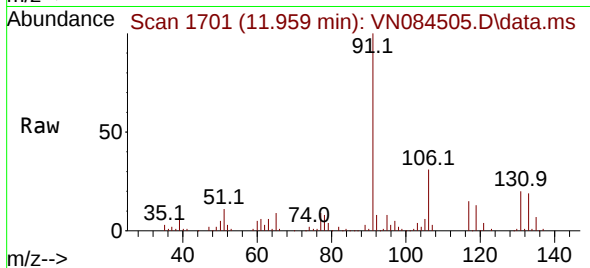




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.294 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN084505.D
 Acq: 25 Oct 2024 10:40

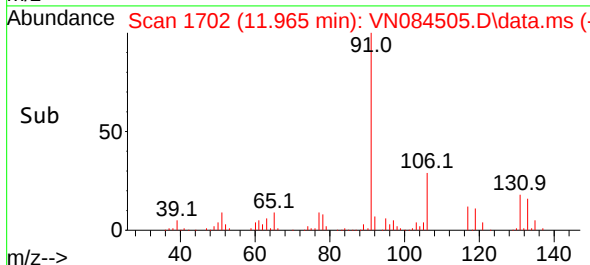
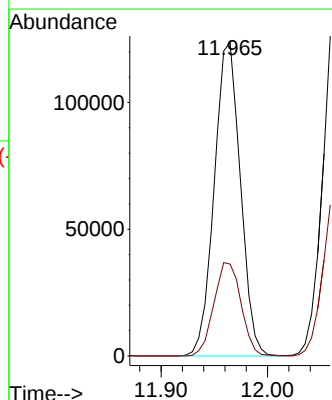
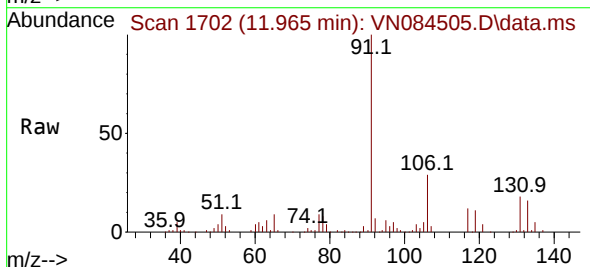
Instrument :
 MSVOA_N
 ClientSampleId :

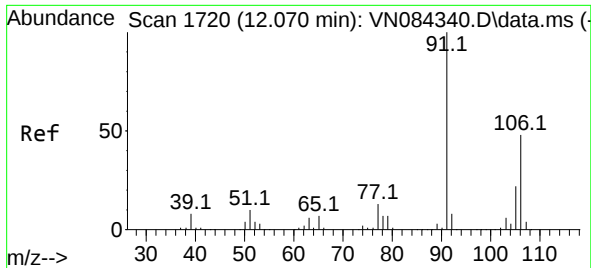
Tgt Ion:131 Resp: 43584
 Ion Ratio Lower Upper
 131 100
 133 91.4 0.0 190.4
 119 64.1 0.0 130.0



#66
 Ethyl Benzene
 Concen: 18.569 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN084505.D
 Acq: 25 Oct 2024 10:40

Tgt Ion: 91 Resp: 210798
 Ion Ratio Lower Upper
 91 100
 106 29.3 25.2 37.8

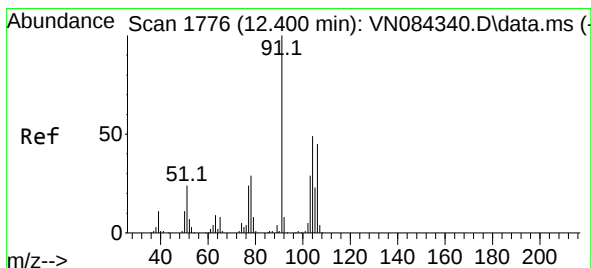
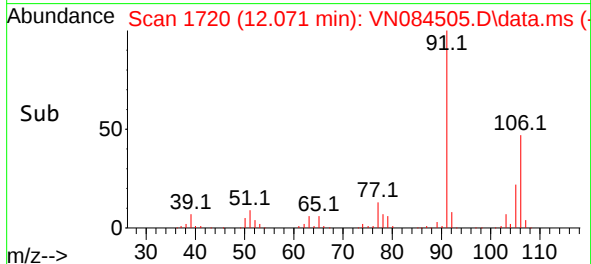
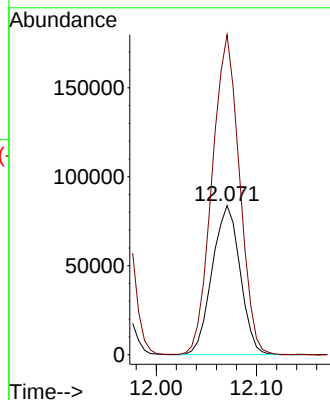
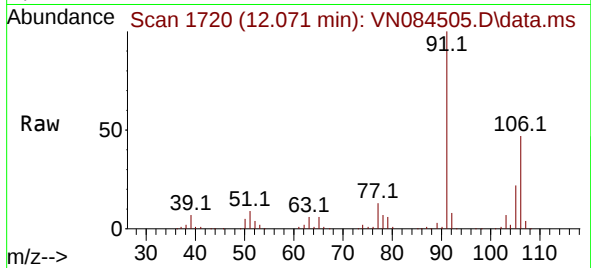




#67
m/p-Xylenes
Concen: 37.626 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

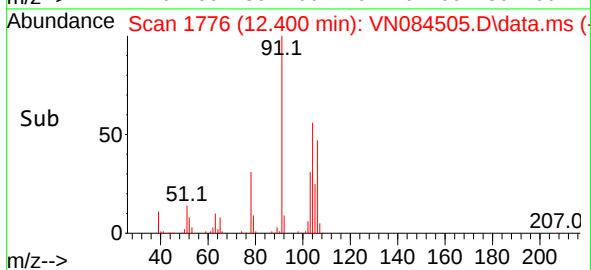
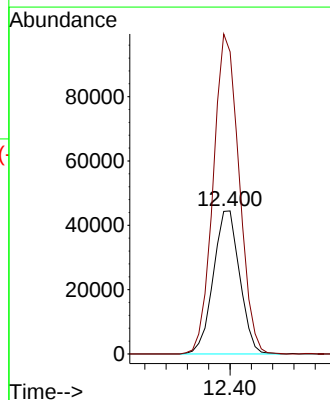
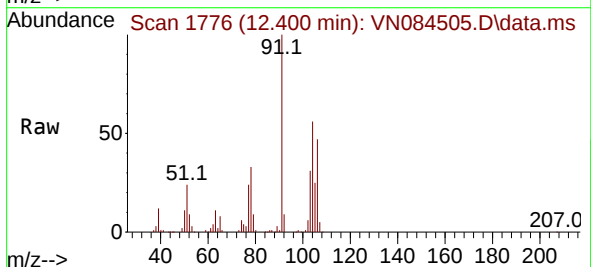
Instrument :
MSVOA_N
ClientSampleId :

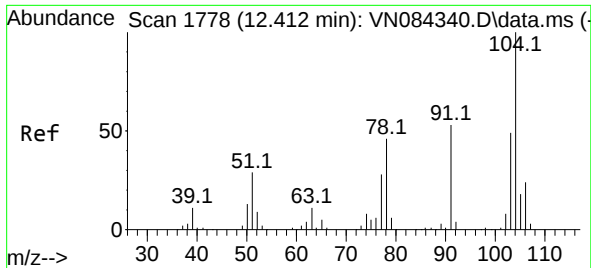
Tgt Ion:106 Resp: 162032
Ion Ratio Lower Upper
106 100
91 210.7 166.7 250.1



#68
o-Xylene
Concen: 18.426 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Tgt Ion:106 Resp: 76484
Ion Ratio Lower Upper
106 100
91 219.4 110.9 332.9

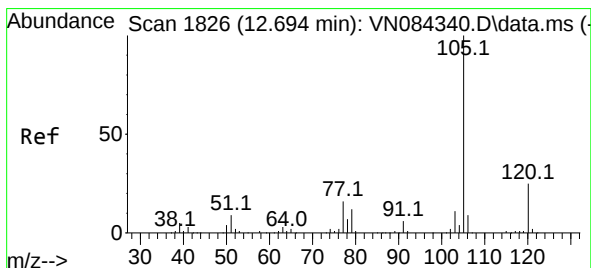
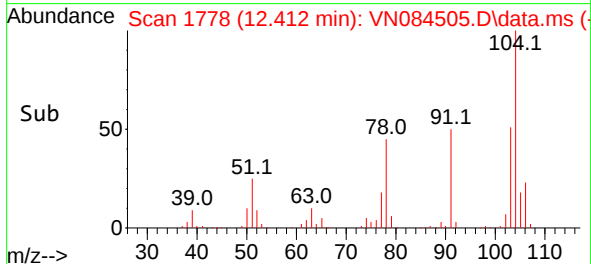
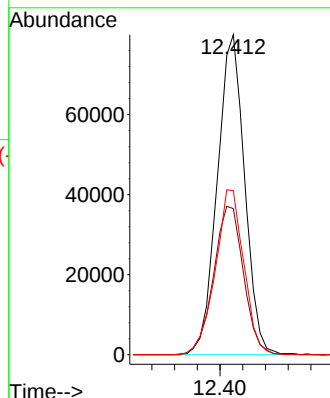
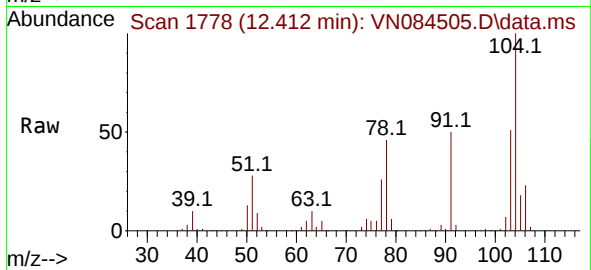




#69
Styrene
Concen: 18.768 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

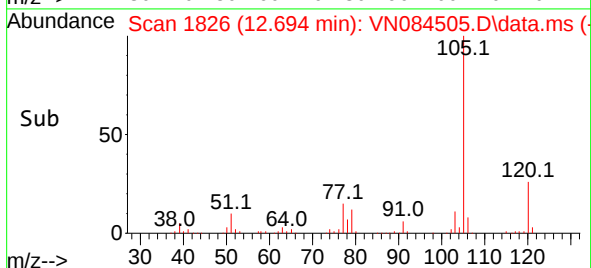
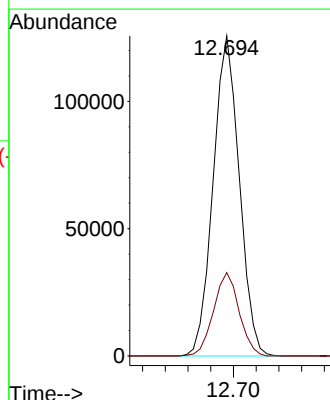
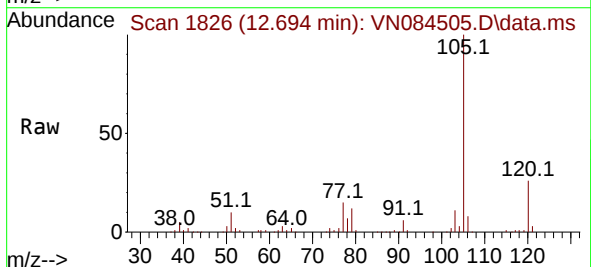
Instrument :
MSVOA_N
ClientSampleId :

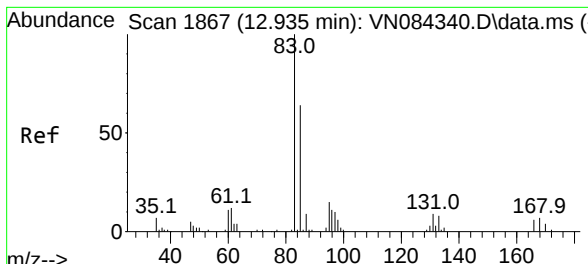
Tgt Ion:104 Resp: 133735
Ion Ratio Lower Upper
104 100
78 50.8 41.6 62.4
103 53.9 44.4 66.6



#70
Isopropylbenzene
Concen: 18.952 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Tgt Ion:105 Resp: 200837
Ion Ratio Lower Upper
105 100
120 25.5 17.4 32.4

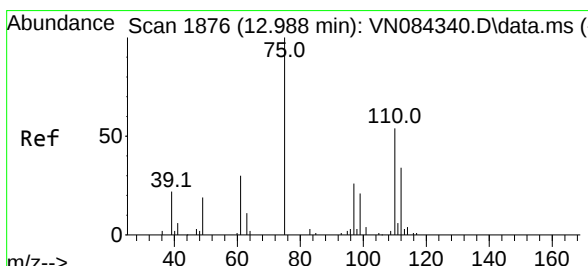
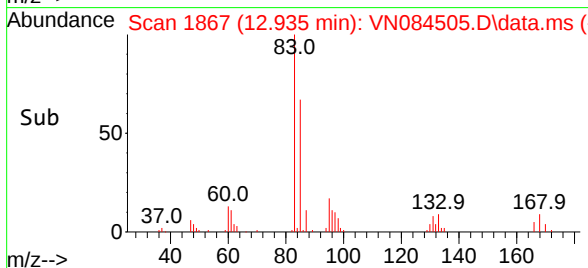
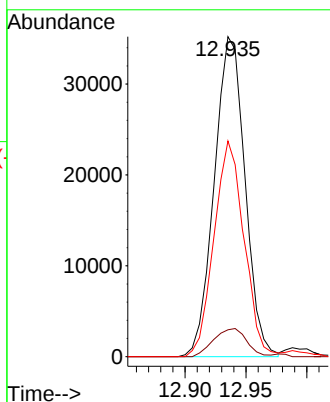
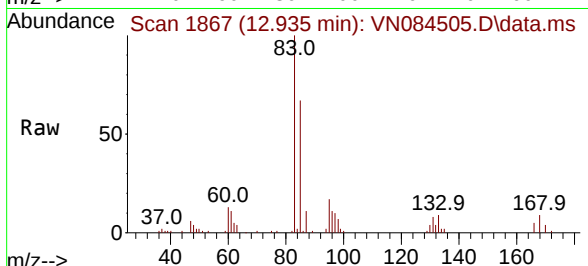




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.874 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN084505.D
 Acq: 25 Oct 2024 10:40

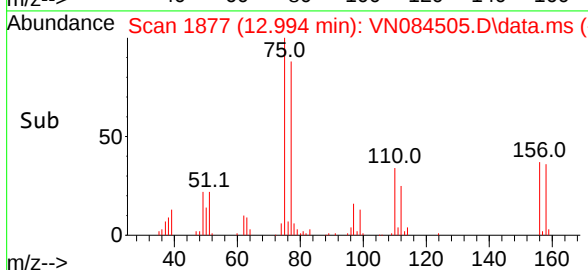
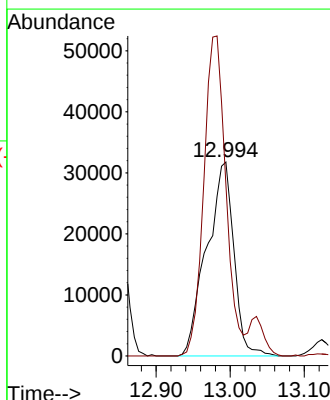
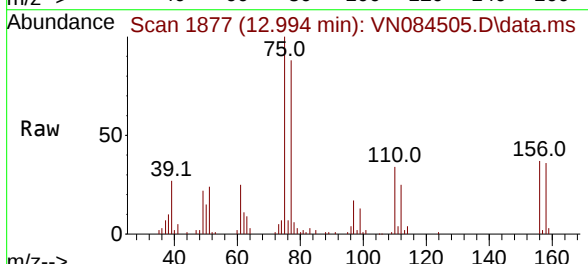
Instrument :
 MSVOA_N
 ClientSampleId :

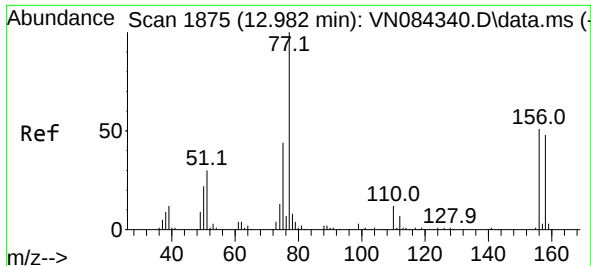
Tgt Ion: 83 Resp: 61873
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.1 15.3
 85 65.8 32.0 96.2



#72
 1,2,3-Trichloropropane
 Concen: 28.811 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN084505.D
 Acq: 25 Oct 2024 10:40

Tgt Ion: 75 Resp: 80886
 Ion Ratio Lower Upper
 75 100
 77 133.9 0.0 414.0

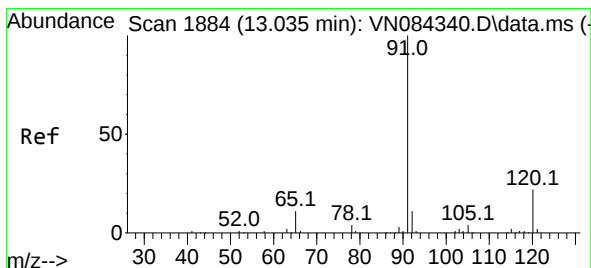
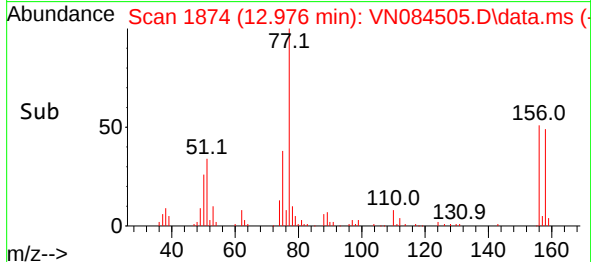
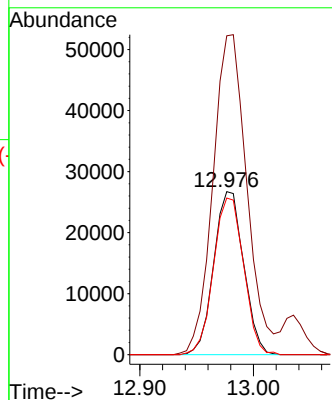
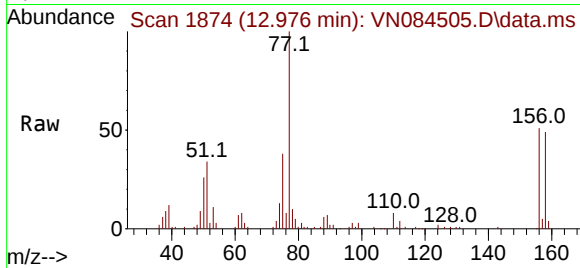




#73
Bromobenzene
Concen: 19.075 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

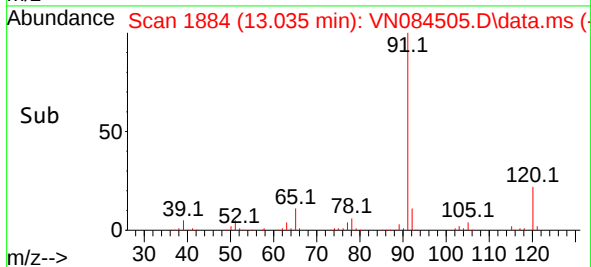
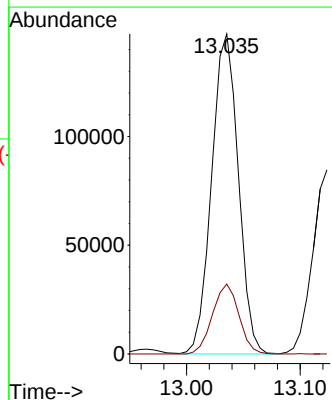
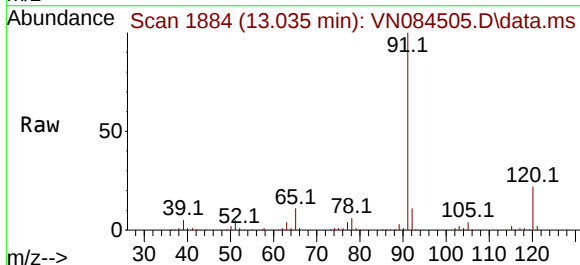
Instrument :
MSVOA_N
ClientSampleId :

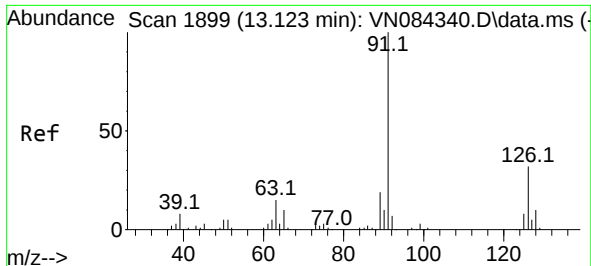
Tgt Ion:156 Resp: 48953
Ion Ratio Lower Upper
156 100
77 221.3 0.0 451.0
158 96.7 0.0 194.6



#74
n-propylbenzene
Concen: 19.004 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Tgt Ion: 91 Resp: 239983
Ion Ratio Lower Upper
91 100
120 21.6 0.0 43.2

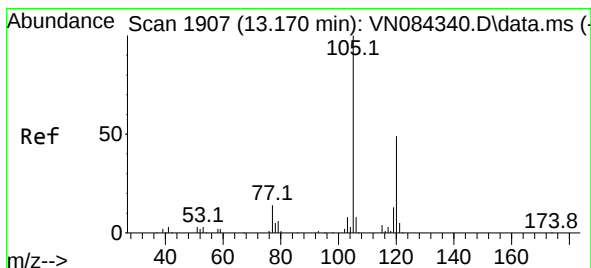
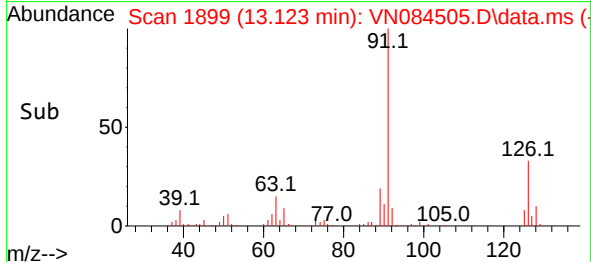
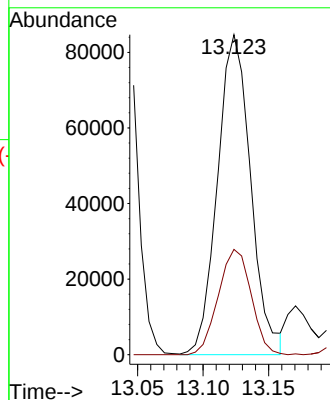
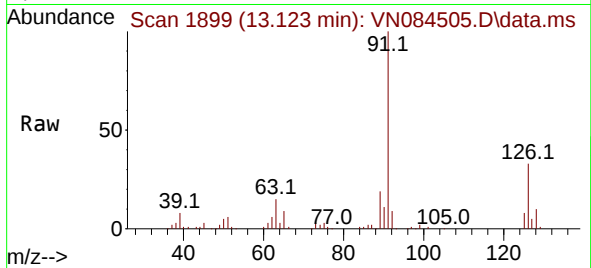




#75
2-Chlorotoluene
Concen: 19.035 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

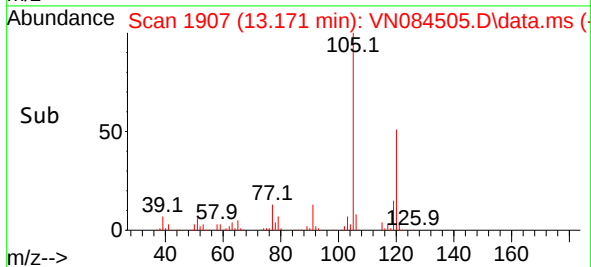
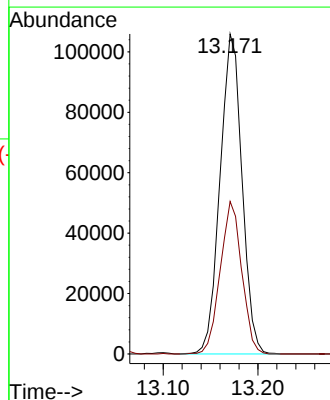
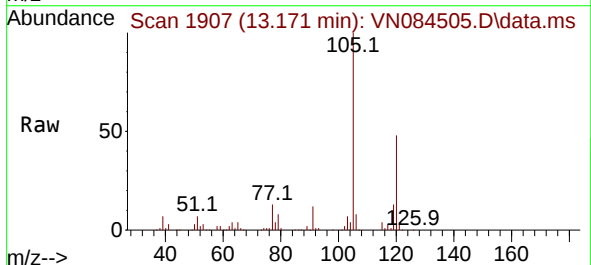
Instrument :
MSVOA_N
ClientSampleId :

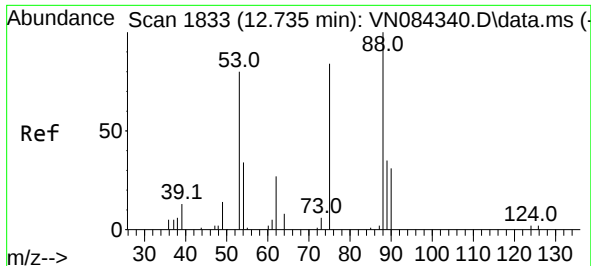
Tgt Ion: 91 Resp: 149369
Ion Ratio Lower Upper
91 100
126 32.4 0.0 64.0



#76
1,3,5-Trimethylbenzene
Concen: 19.133 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Tgt Ion: 105 Resp: 170711
Ion Ratio Lower Upper
105 100
120 46.7 0.0 94.4

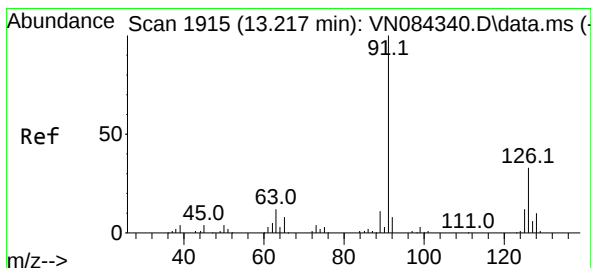
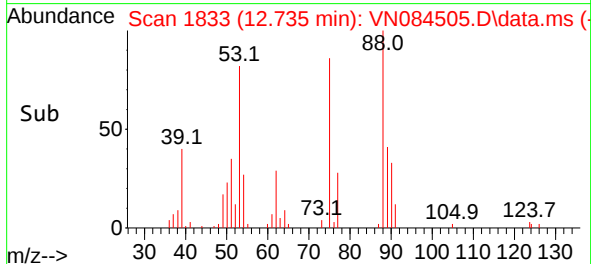
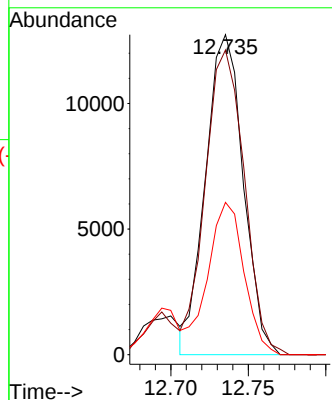
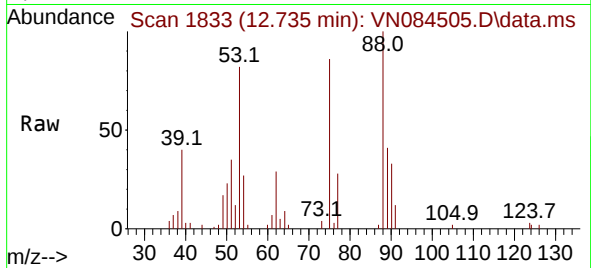




#77
t-1,4-Dichloro-2-butene
Concen: 17.960 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

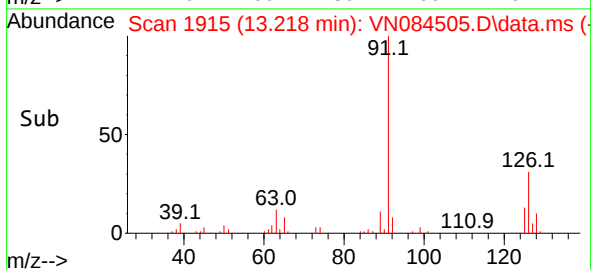
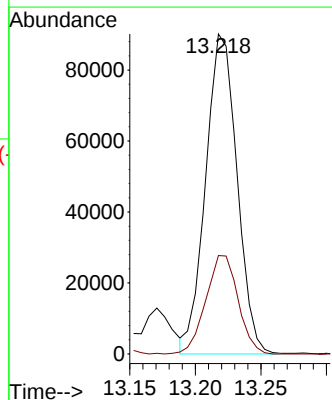
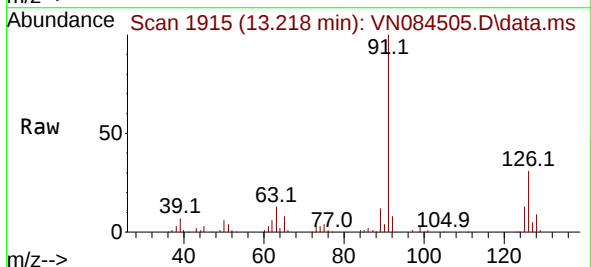
Instrument :
MSVOA_N
ClientSampleId :

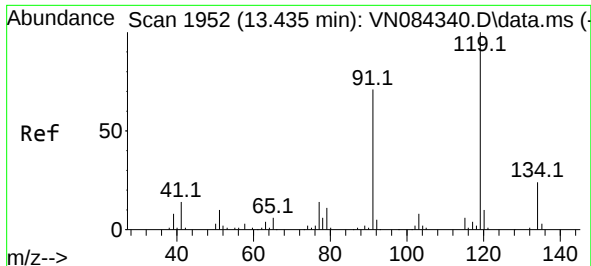
Tgt Ion: 75 Resp: 21547
Ion Ratio Lower Upper
75 100
53 93.5 47.3 142.0
89 47.6 22.9 68.8



#78
4-Chlorotoluene
Concen: 18.839 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Tgt Ion: 91 Resp: 150297
Ion Ratio Lower Upper
91 100
126 31.6 0.0 62.4

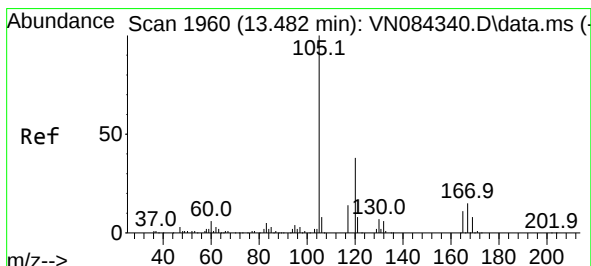
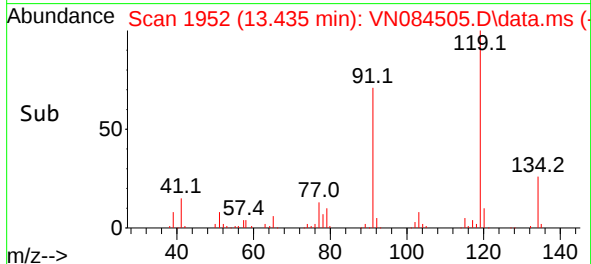
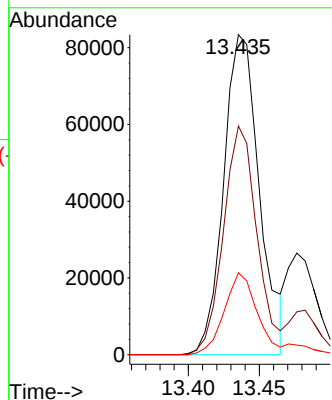
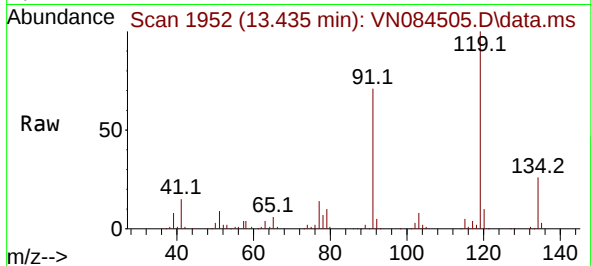




#79
tert-butylbenzene
Concen: 19.156 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

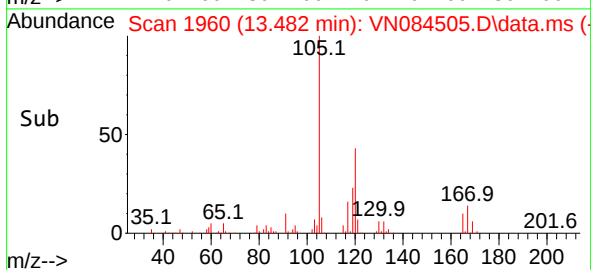
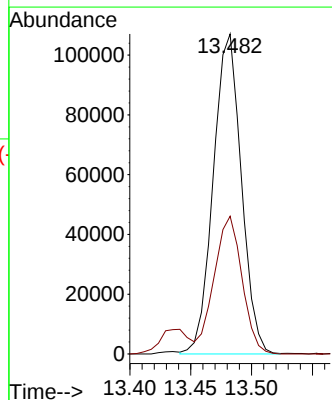
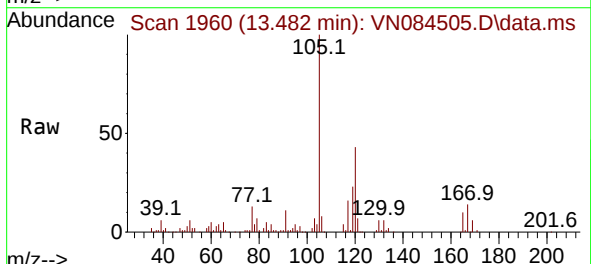
Instrument :
MSVOA_N
ClientSampleId :

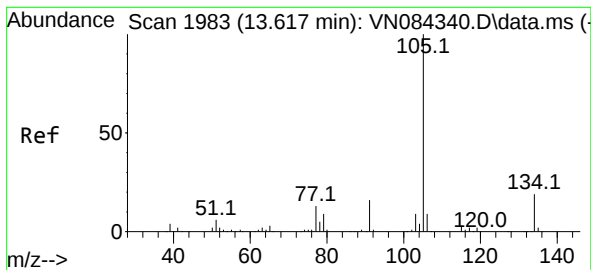
Tgt Ion:119 Resp: 145820
Ion Ratio Lower Upper
119 100
91 67.2 0.0 138.0
134 23.4 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 18.972 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Tgt Ion:105 Resp: 171754
Ion Ratio Lower Upper
105 100
120 42.8 0.0 88.8





#81

sec-Butylbenzene

Concen: 18.971 ug/l

RT: 13.612 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

Instrument :

MSVOA_N

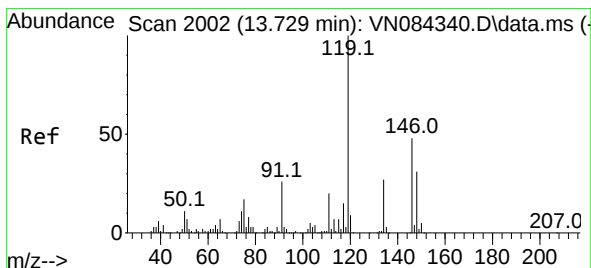
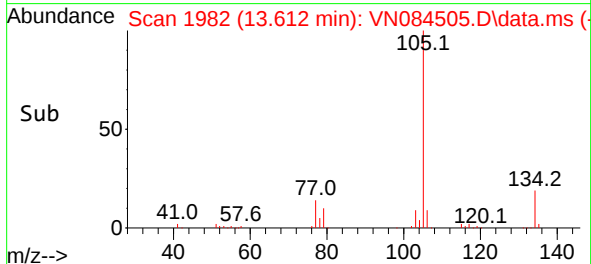
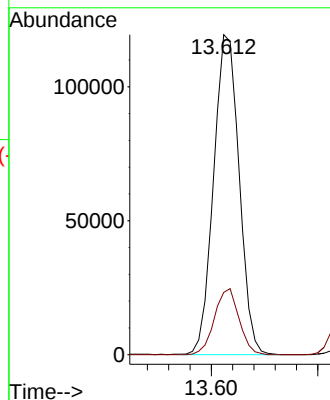
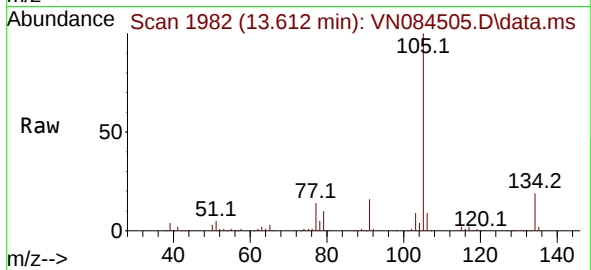
ClientSampleId :

Tgt Ion:105 Resp: 198811

Ion Ratio Lower Upper

105 100

134 19.8 0.0 38.0



#82

p-Isopropyltoluene

Concen: 18.632 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

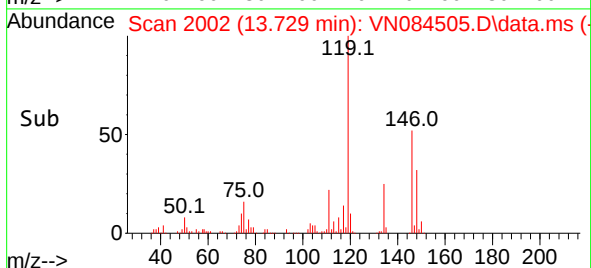
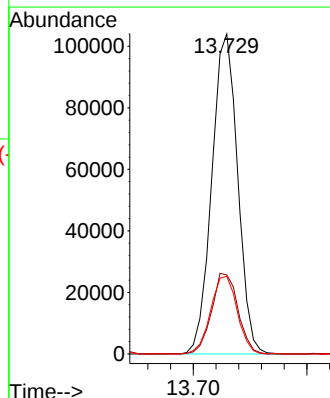
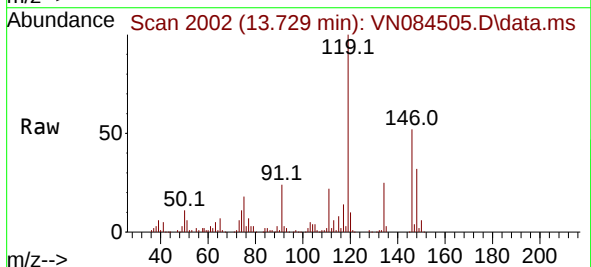
Tgt Ion:119 Resp: 164354

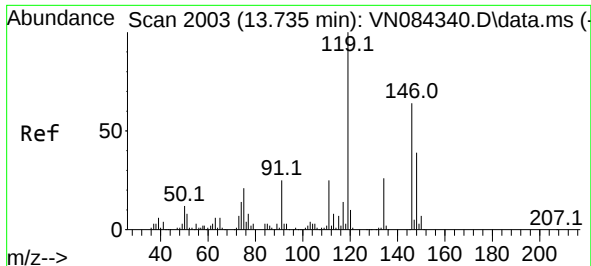
Ion Ratio Lower Upper

119 100

134 25.7 0.0 50.2

91 24.9 0.0 50.6

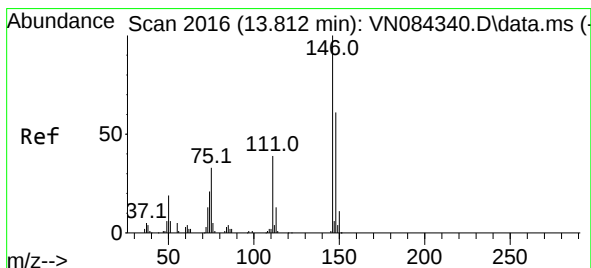
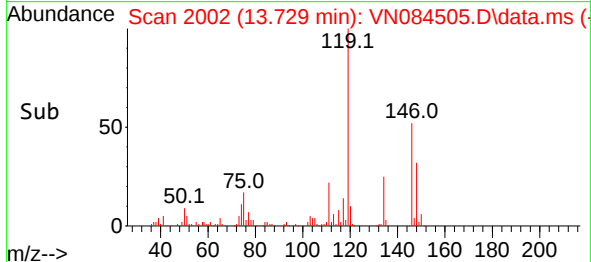
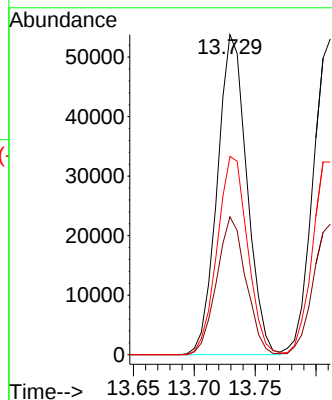
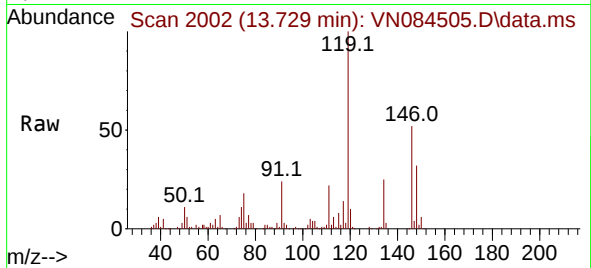




#83
 1,3-Dichlorobenzene
 Concen: 19.067 ug/l
 RT: 13.729 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN084505.D
 Acq: 25 Oct 2024 10:40

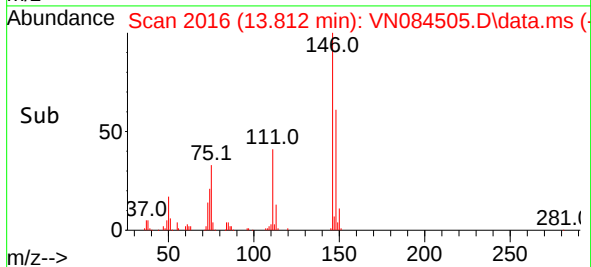
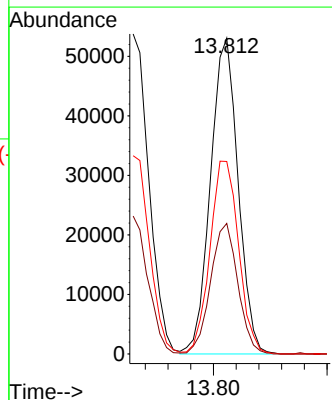
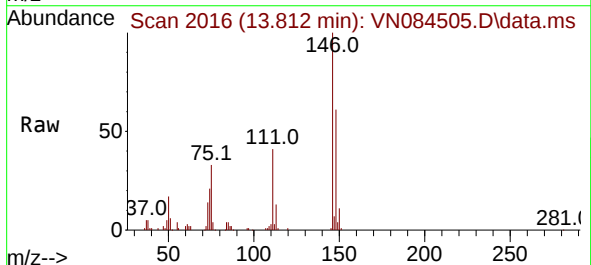
Instrument :
 MSVOA_N
 ClientSampleId :

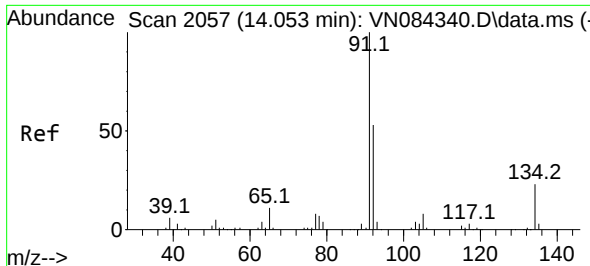
Tgt Ion:146 Resp: 90986
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.6 61.9
 148 63.5 31.6 94.7



#84
 1,4-Dichlorobenzene
 Concen: 18.896 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN084505.D
 Acq: 25 Oct 2024 10:40

Tgt Ion:146 Resp: 89542
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.5 61.5
 148 63.3 32.5 97.4

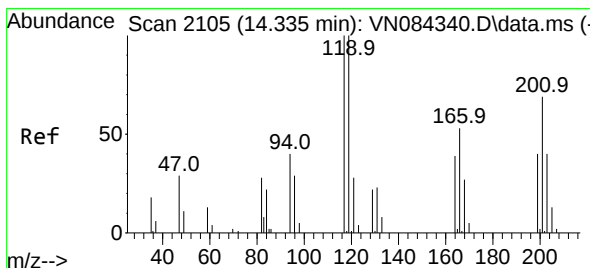
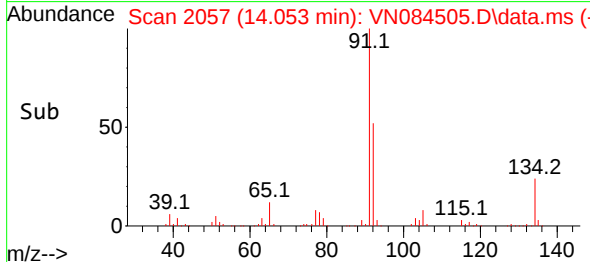
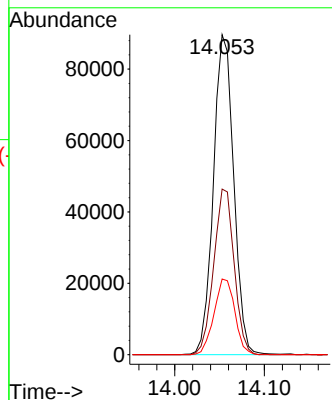
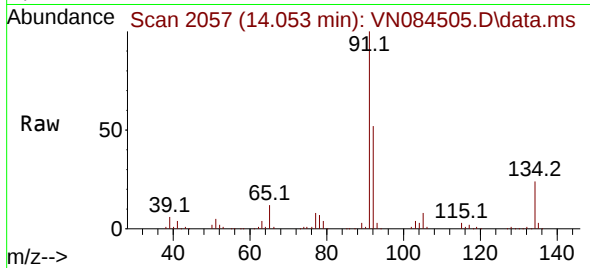




#85
n-Butylbenzene
Concen: 18.444 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

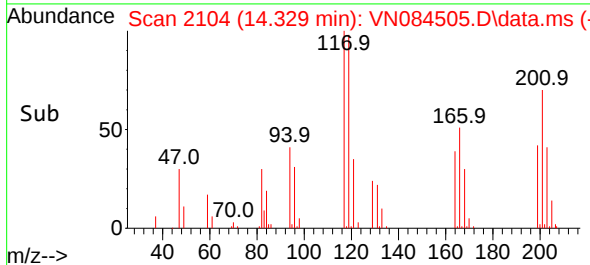
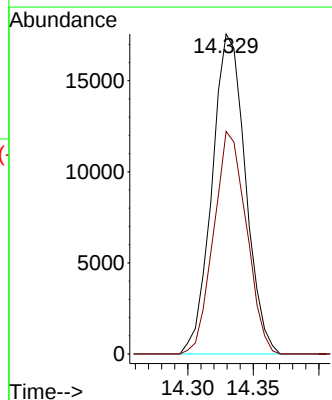
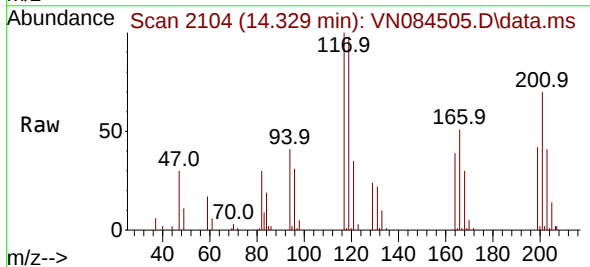
Instrument :
MSVOA_N
ClientSampleId :

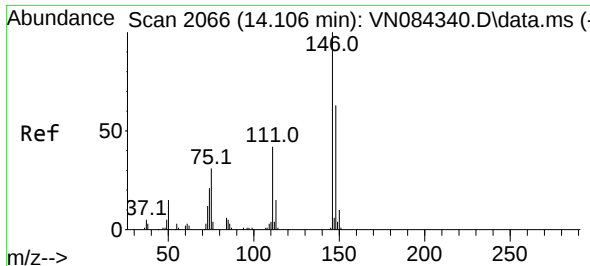
Tgt Ion: 91 Resp: 140914
Ion Ratio Lower Upper
91 100
92 52.0 0.0 103.4
134 24.3 0.0 48.0



#86
Hexachloroethane
Concen: 18.323 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN084505.D
Acq: 25 Oct 2024 10:40

Tgt Ion: 117 Resp: 31139
Ion Ratio Lower Upper
117 100
201 68.0 33.9 101.6





#87

1,2-Dichlorobenzene

Concen: 19.055 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

Instrument :

MSVOA_N

ClientSampleId :

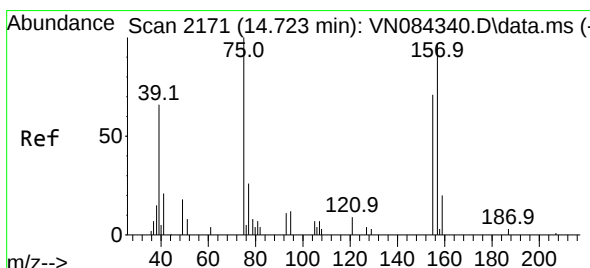
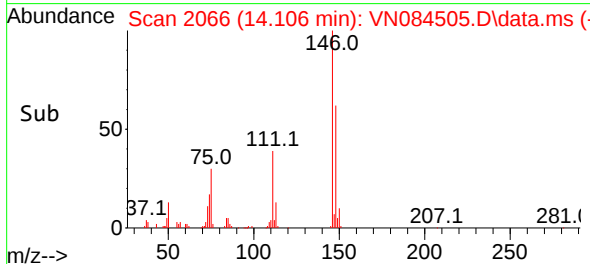
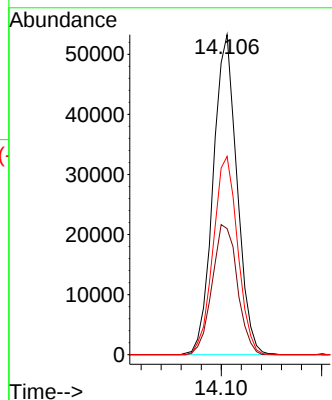
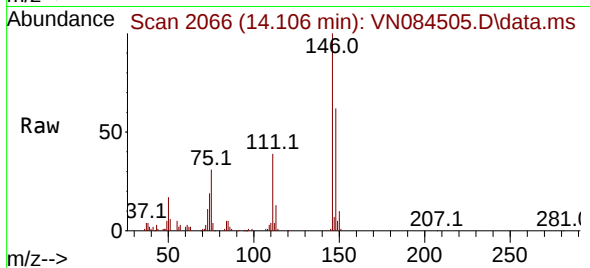
Tgt Ion:146 Resp: 87916

Ion Ratio Lower Upper

146 100

111 42.9 21.9 65.5

148 63.5 31.1 93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.150 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

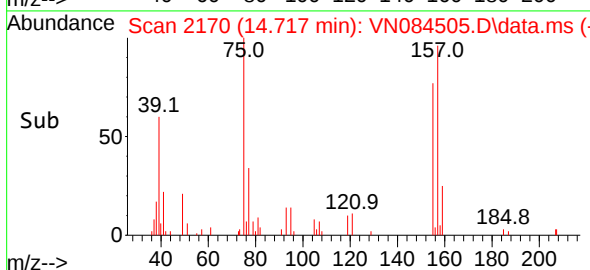
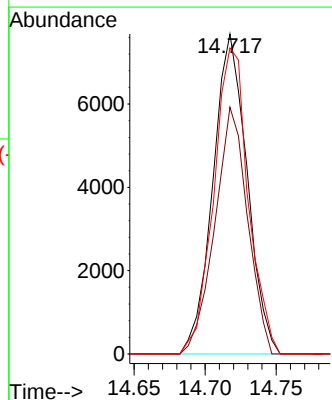
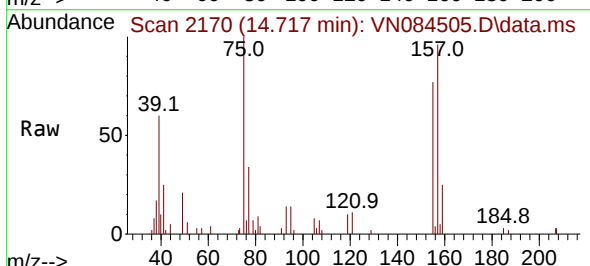
Tgt Ion: 75 Resp: 12838

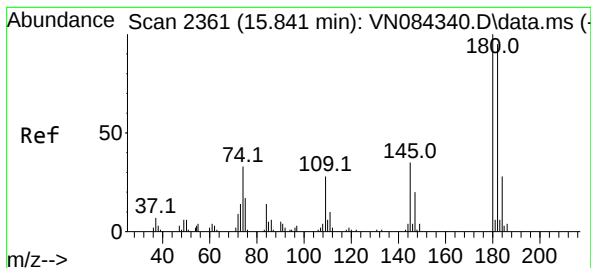
Ion Ratio Lower Upper

75 100

155 74.0 61.8 92.8

157 96.8 77.4 116.0





#89

1,2,4-Trichlorobenzene

Concen: 17.861 ug/l

RT: 15.841 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

Instrument :

MSVOA_N

ClientSampleId :

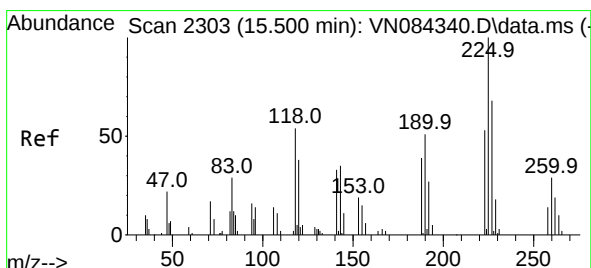
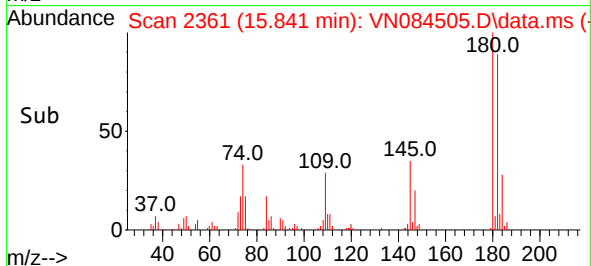
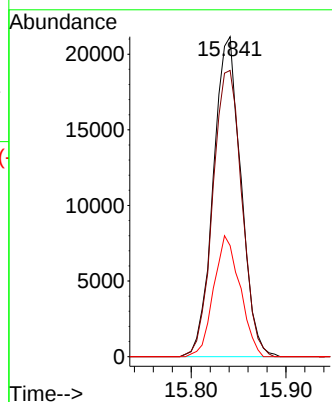
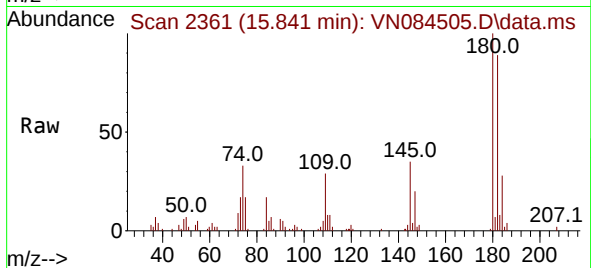
Tgt Ion:180 Resp: 42844

Ion Ratio Lower Upper

180 100

182 93.9 77.8 116.6

145 36.1 28.9 43.3



#90

Hexachlorobutadiene

Concen: 18.527 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

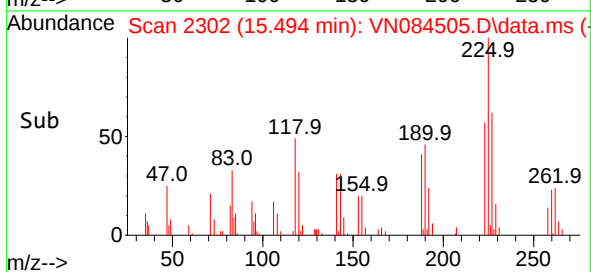
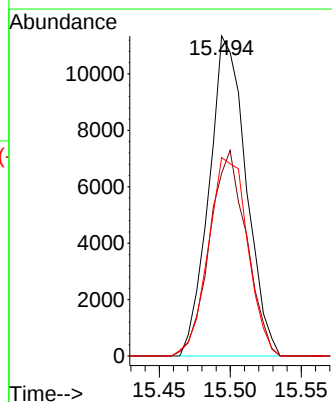
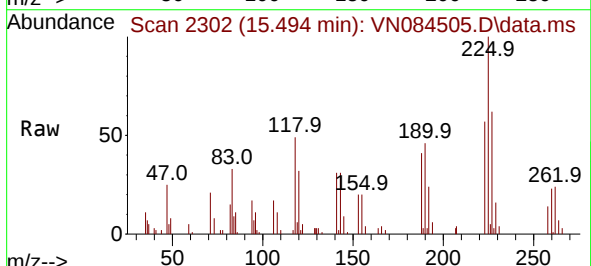
Tgt Ion:225 Resp: 20560

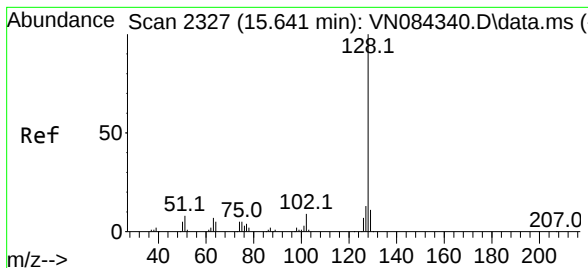
Ion Ratio Lower Upper

225 100

223 64.2 0.0 124.0

227 65.7 0.0 130.8





#91

Naphthalene

Concen: 16.837 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

Instrument :

MSVOA_N

ClientSampleId :

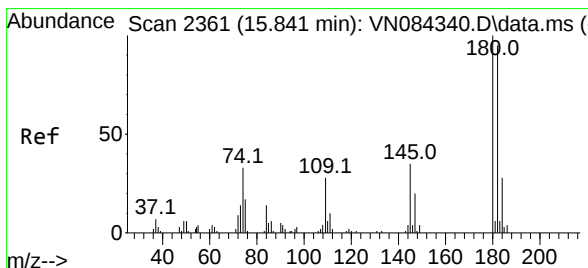
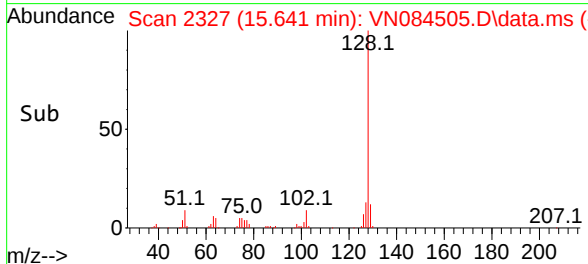
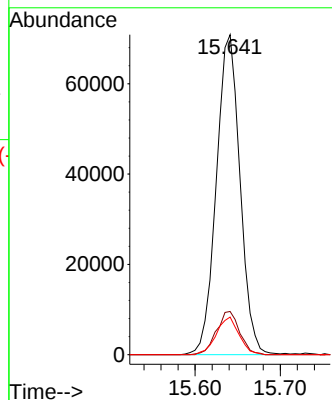
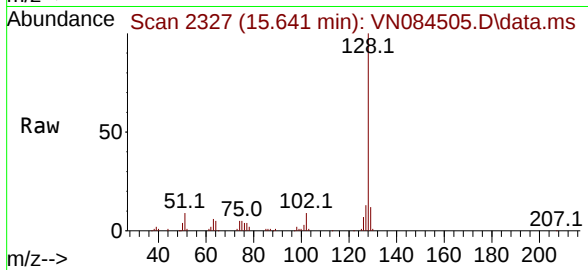
Tgt Ion:128 Resp: 136862

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.3 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 17.861 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN084505.D

Acq: 25 Oct 2024 10:40

Tgt Ion:180 Resp: 42844

Ion Ratio Lower Upper

180 100

182 93.9 0.0 194.4

145 36.1 0.0 72.2

