

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
 Data File : VN085120.D
 Acq On : 06 Dec 2024 11:13
 Operator : JC\MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 06 22:30:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 06 22:19:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	30288	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	165873	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	153060	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	71793	29.873	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.567%
60) 4-Bromofluorobenzene	12.847	95	77922	30.768	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.567%
63) Toluene-d8	10.565	98	210008	29.250	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	259006	106.887	ug/l	99
3) Chloromethane	2.359	50	222342	103.665	ug/l	98
4) Vinyl Chloride	2.512	62	227959	103.912	ug/l	99
5) Bromomethane	2.942	94	137690	98.857	ug/l	99
6) Chloroethane	3.112	64	139552	103.541	ug/l	100
7) Trichlorofluoromethane	3.494	101	376125	104.742	ug/l	100
8) Diethyl Ether	3.959	74	126597	111.303	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	208174	103.665	ug/l	99
10) 1,1-Dichloroethene	4.336	96	199737	108.286	ug/l	98
11) Methyl Iodide	4.589	142	285314	111.529	ug/l	96
12) Methyl Acetate	5.018	43	232698	106.935	ug/l	96
13) Acrolein	4.177	56	170574	539.405	ug/l	96
14) Acrylonitrile	5.712	53	493102	545.734	ug/l	97
15) Acetone	4.418	58	136513	557.523	ug/l	99
16) Carbon Disulfide	4.712	76	576373	104.540	ug/l	100
17) Allyl chloride	5.024	41	293051	111.032	ug/l	93
18) Methylene Chloride	5.271	84	214729	102.597	ug/l	99
19) trans-1,2-Dichloroethene	5.788	96	203123	105.945	ug/l	94
20) Diisopropyl ether	6.665	45	621282	107.259	ug/l	99
21) 1,1-Dichloroethane	6.565	63	374090	104.639	ug/l	99
22) cis-1,2-Dichloroethene	7.482	96	234199	106.277	ug/l	99
23) tert-Butyl Alcohol	5.518	59	184150	568.118	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	637140	110.650	ug/l #	77
25) Chloroform	7.965	83	384926	102.776	ug/l	94
26) Cyclohexane	8.253	56	327008	111.090	ug/l #	95
29) 1,1-Dichloropropene	8.371	75	279872	104.562	ug/l	99
30) 2-Butanone	7.477	43	648934	528.323	ug/l	99
31) 2,2-Dichloropropane	7.488	77	351838	102.508	ug/l #	100
32) 1,1,1-Trichloroethane	8.165	97	363069	100.216	ug/l	98
33) Carbon Tetrachloride	8.359	117	327001	100.027	ug/l	94
34) Benzene	8.606	78	853279	101.479	ug/l	99
35) Methacrylonitrile	7.777	41	142639	103.194	ug/l	94
36) 1,2-Dichloroethane	8.665	62	286487	100.087	ug/l	100
37) Trichloroethene	9.347	130	206395	103.077	ug/l	97
38) Methylcyclohexane	9.594	83	320395	110.090	ug/l	94
39) 1,2-Dichloropropane	9.618	63	202160	99.263	ug/l	98
40) Dibromomethane	9.706	93	145378	99.515	ug/l	99
41) Bromodichloromethane	9.882	83	312321	100.007	ug/l	95
42) Vinyl Acetate	6.600	43	2379940	553.721	ug/l	99

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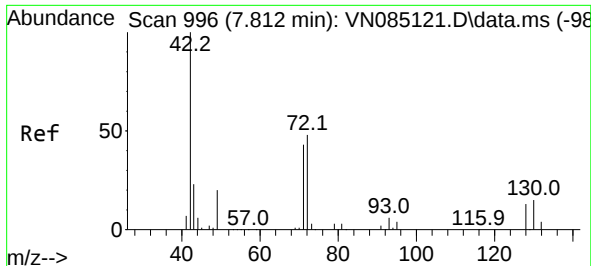
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	258485	105.766	ug/l	95
44) Isopropyl Acetate	8.682	43	438465	103.239	ug/l	98
45) 1,4-Dioxane	9.694	88	77646	2192.363	ug/l	97
46) Methyl methacrylate	9.676	41	210976	108.543	ug/l	97
47) n-amyl Acetate	12.494	43	398085	111.404	ug/l	93
48) t-1,3-Dichloropropene	10.835	75	327429	106.805	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	347791	104.212	ug/l	97
50) 1,1,2-Trichloroethane	11.012	97	195188	99.153	ug/l	95
51) Ethyl methacrylate	10.870	69	335501	112.054	ug/l	96
52) 1,3-Dichloropropane	11.159	76	335834	101.938	ug/l	100
53) Dibromochloromethane	11.359	129	242265	100.988	ug/l	96
54) 1,2-Dibromoethane	11.465	107	205342	103.531	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	785193	564.533	ug/l	100
56) Bromoform	12.576	173	166661	103.616	ug/l	96
58) 4-Methyl-2-Pentanone	10.441	43	1337734	535.524	ug/l	98
59) 2-Hexanone	11.194	43	1026218	542.184	ug/l	97
61) Tetrachloroethene	11.100	164	182933	98.693	ug/l	97
62) Toluene	10.623	91	917622	102.798	ug/l	100
64) Chlorobenzene	11.888	112	571760	103.744	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	210736	102.429	ug/l	97
66) Ethyl Benzene	11.959	91	1036629	109.440	ug/l	98
67) m/p-Xylenes	12.070	106	791201	217.173	ug/l	98
68) o-Xylene	12.394	106	374478	109.449	ug/l	100
69) Styrene	12.406	104	648187	111.644	ug/l	100
70) Isopropylbenzene	12.694	105	985915	111.721	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	268272	99.877	ug/l	95
72) 1,2,3-Trichloropropane	12.988	75	371562	140.036	ug/l	76
73) Bromobenzene	12.976	156	235738	106.648	ug/l	100
74) n-propylbenzene	13.035	91	1166509	109.952	ug/l	99
75) 2-Chlorotoluene	13.123	91	703050	107.179	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	831794	110.018	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	107962	111.976	ug/l	98
78) 4-Chlorotoluene	13.217	91	713716	107.197	ug/l	99
79) tert-butylbenzene	13.435	119	697873	112.381	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	838873	112.327	ug/l	99
81) sec-Butylbenzene	13.611	105	983338	111.460	ug/l	98
82) p-Isopropyltoluene	13.723	119	829472	113.406	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	429389	105.881	ug/l	100
84) 1,4-Dichlorobenzene	13.811	146	423137	107.060	ug/l	99
85) n-Butylbenzene	14.053	91	713519	116.298	ug/l	98
86) Hexachloroethane	14.329	117	154986	106.440	ug/l	96
87) 1,2-Dichlorobenzene	14.106	146	401301	104.836	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	56942	106.118	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	214927	114.647	ug/l	99
90) Hexachlorobutadiene	15.500	225	100252	102.912	ug/l	99
91) Naphthalene	15.635	128	719387	123.516	ug/l	98
92) 1,2,3-Trichlorobenzene	15.835	180	214927	114.647	ug/l	99

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

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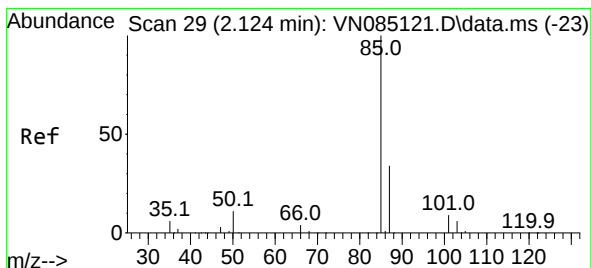
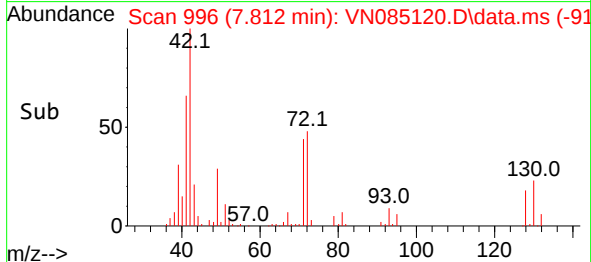
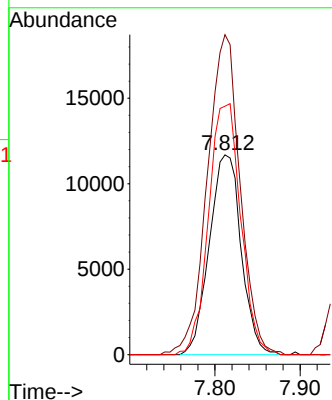
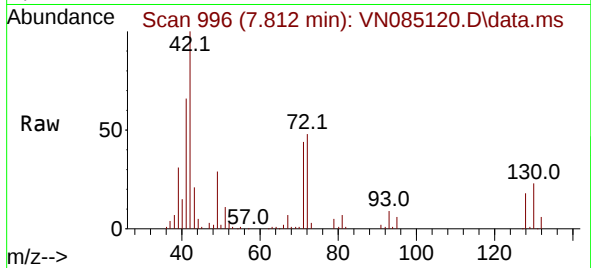




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

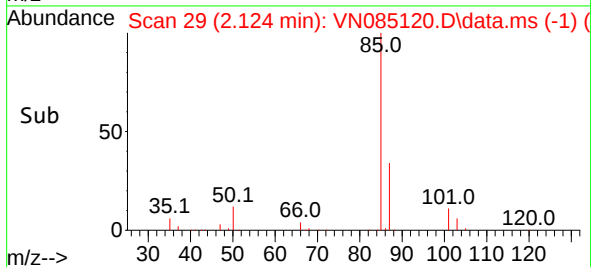
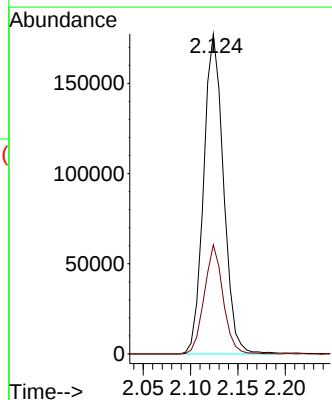
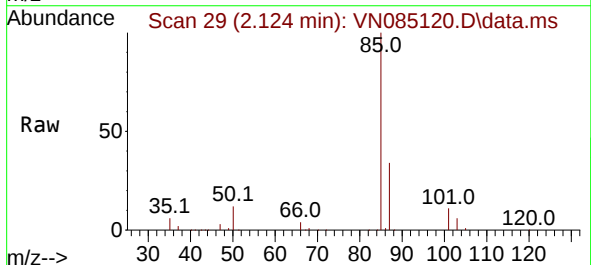
Instrument :
MSVOA_N
ClientSampleId :

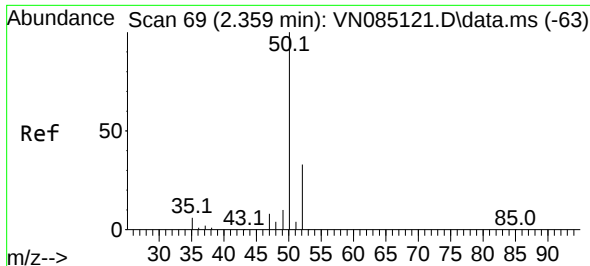
Tgt Ion:128 Resp: 30288
Ion Ratio Lower Upper
128 100
49 165.3 0.0 394.5
130 127.2 0.0 316.5



#2
Dichlorodifluoromethane
Concen: 106.887 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion: 85 Resp: 259006
Ion Ratio Lower Upper
85 100
87 34.1 16.8 50.3

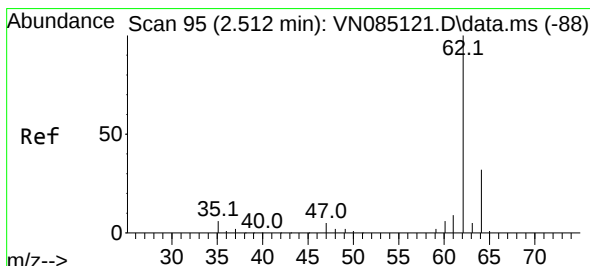
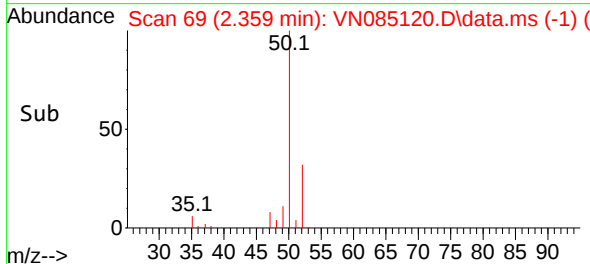
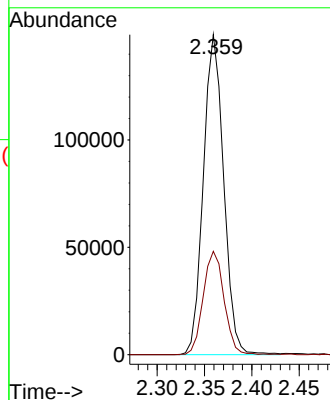
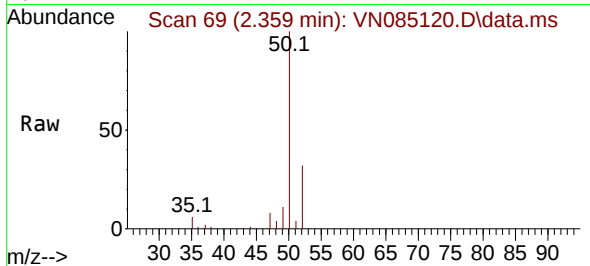




#3
Chloromethane
Concen: 103.665 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

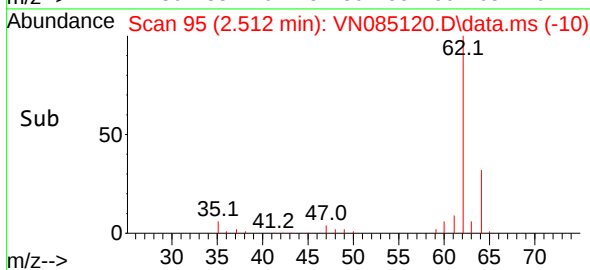
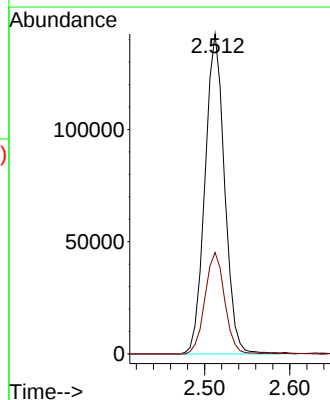
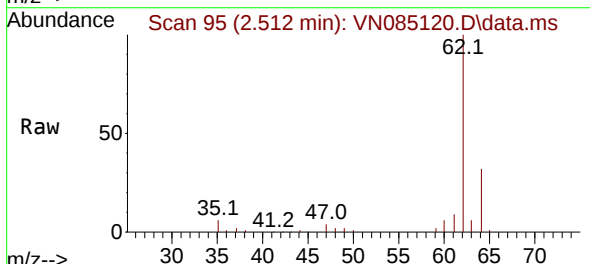
Instrument :
MSVOA_N
ClientSampleId :

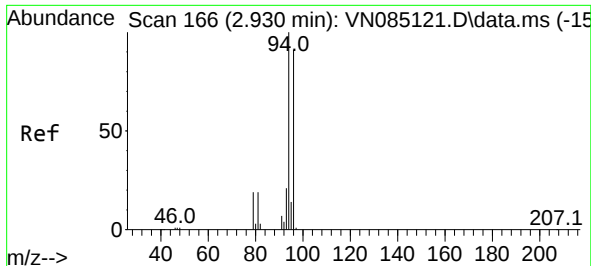
Tgt Ion: 50 Resp: 222342
Ion Ratio Lower Upper
50 100
52 32.2 25.0 37.4



#4
Vinyl Chloride
Concen: 103.912 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion: 62 Resp: 227959
Ion Ratio Lower Upper
62 100
64 31.7 24.9 37.3

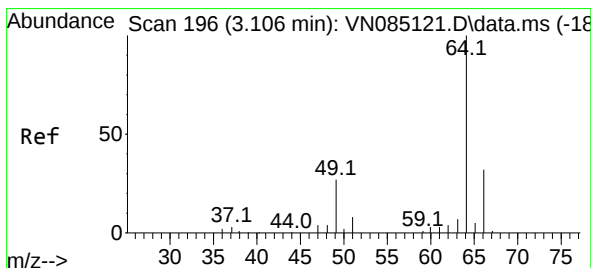
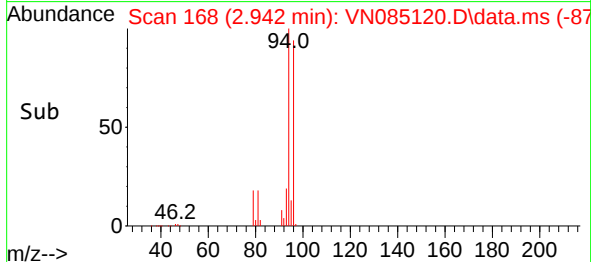
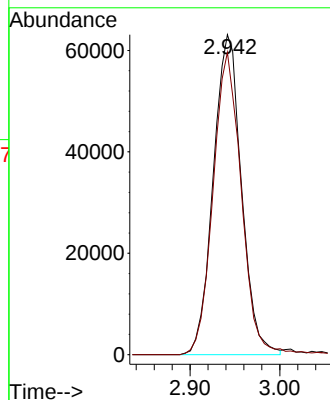
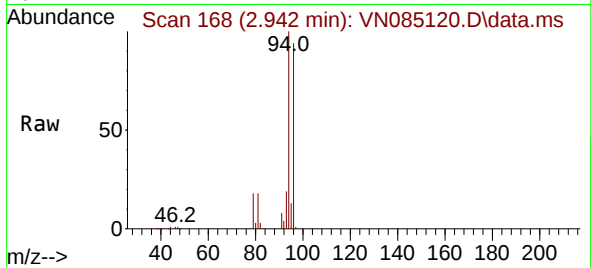




#5
Bromomethane
Concen: 98.857 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.024 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

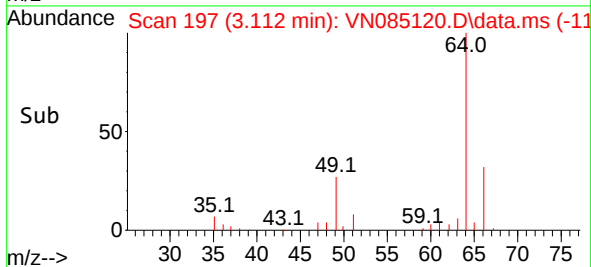
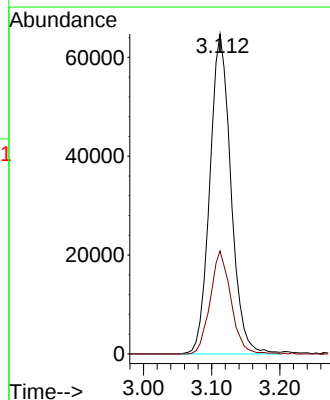
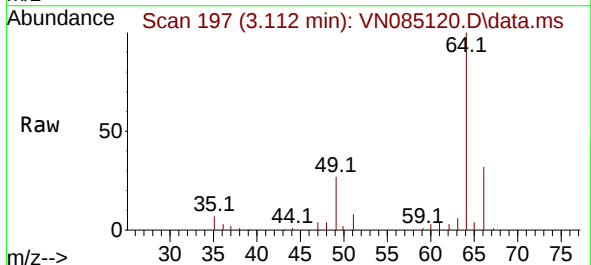
Instrument :
MSVOA_N
ClientSampleId :

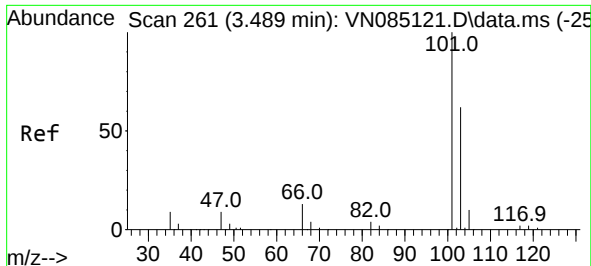
Tgt Ion: 94 Resp: 137690
Ion Ratio Lower Upper
94 100
96 94.5 76.2 114.4



#6
Chloroethane
Concen: 103.541 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

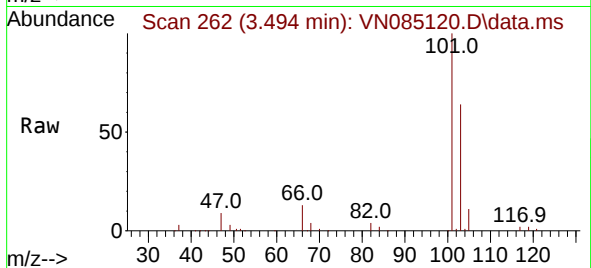
Tgt Ion: 64 Resp: 139552
Ion Ratio Lower Upper
64 100
66 32.2 25.5 38.3



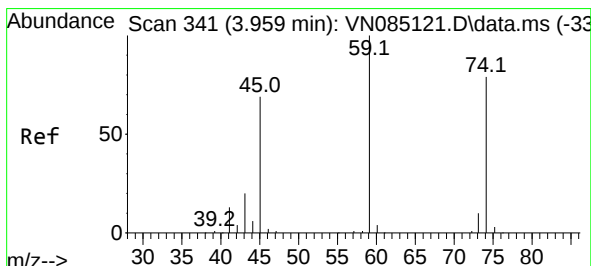
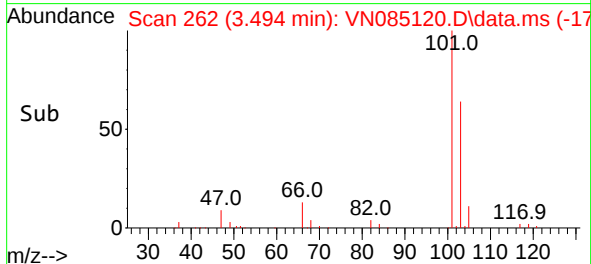
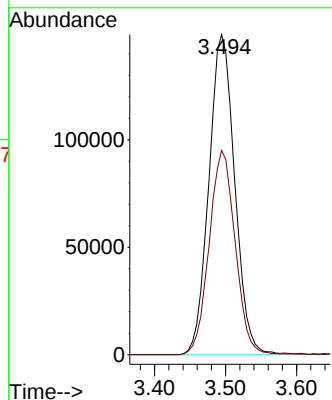


#7
 Trichlorofluoromethane
 Concen: 104.742 ug/l
 RT: 3.494 min Scan# 261
 Delta R.T. -0.006 min
 Lab File: VN085120.D
 Acq: 06 Dec 2024 11:13

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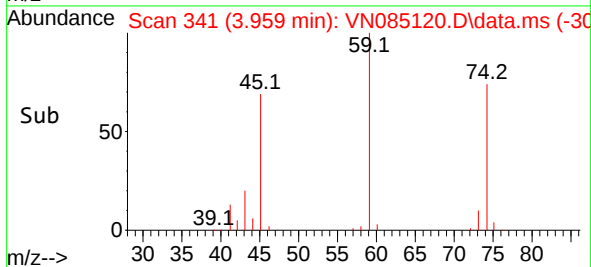
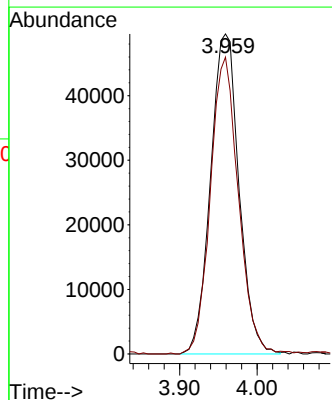
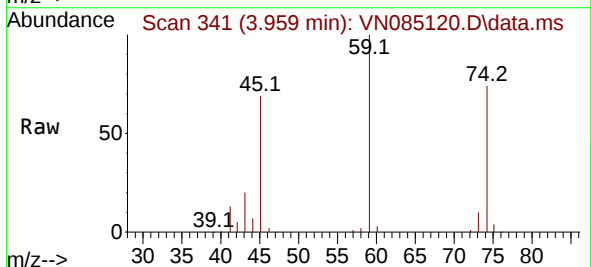


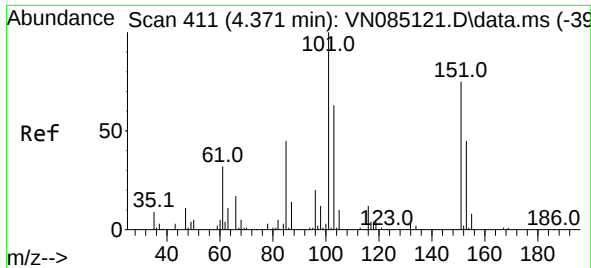
Tgt Ion:101 Resp: 376125
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.3 76.9



#8
 Diethyl Ether
 Concen: 111.303 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN085120.D
 Acq: 06 Dec 2024 11:13

Tgt Ion: 74 Resp: 126597
 Ion Ratio Lower Upper
 74 100
 45 90.9 18.6 167.8



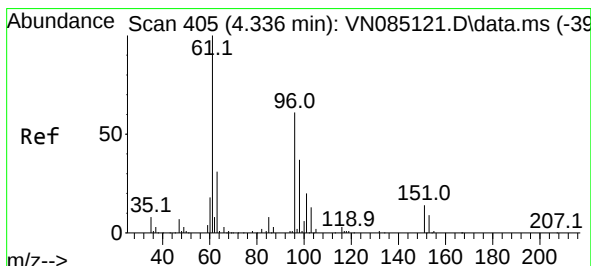
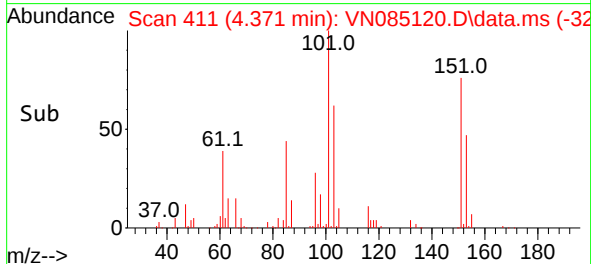
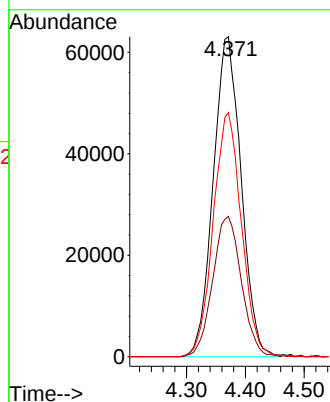
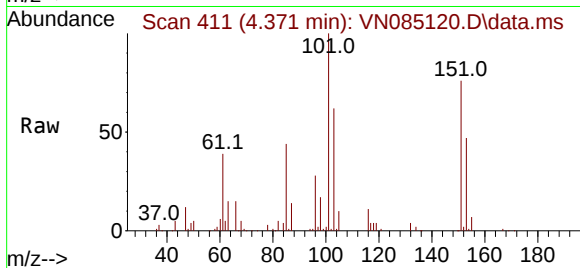


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 103.665 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VN085120.D
 Acq: 06 Dec 2024 11:13

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:101 Resp: 208174

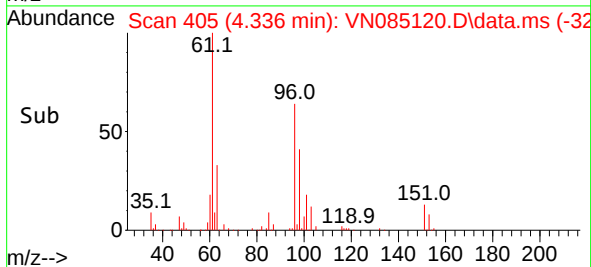
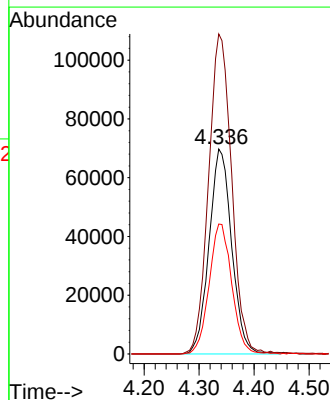
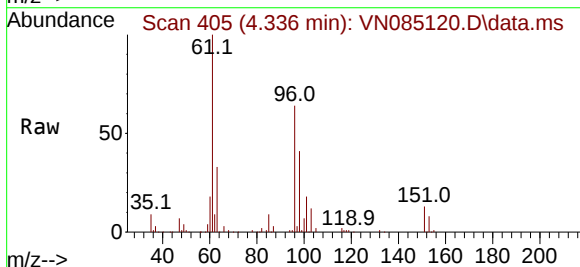
Ion	Ratio	Lower	Upper
101	100		
85	45.0	0.0	88.6
151	77.0	0.0	155.8

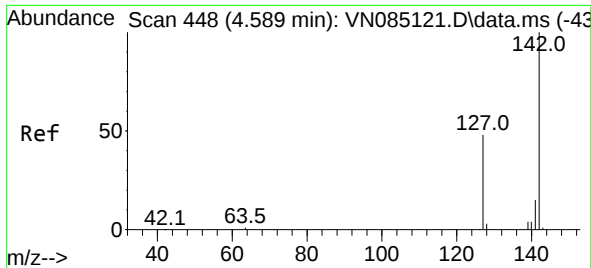


#10
 1,1-Dichloroethene
 Concen: 108.286 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VN085120.D
 Acq: 06 Dec 2024 11:13

Tgt Ion: 96 Resp: 199737

Ion	Ratio	Lower	Upper
96	100		
61	156.2	123.0	184.4
98	63.4	49.1	73.7

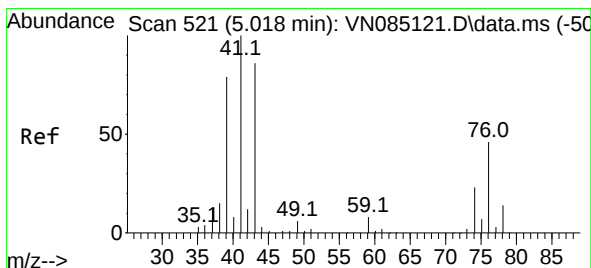
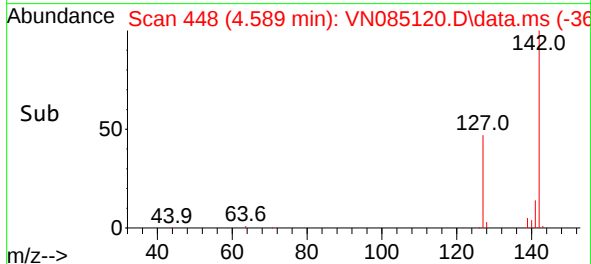
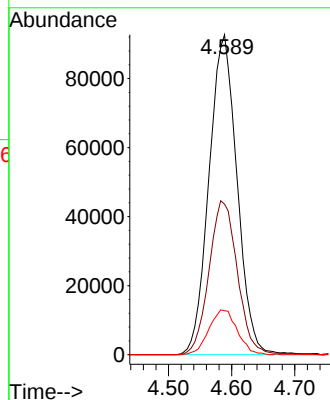
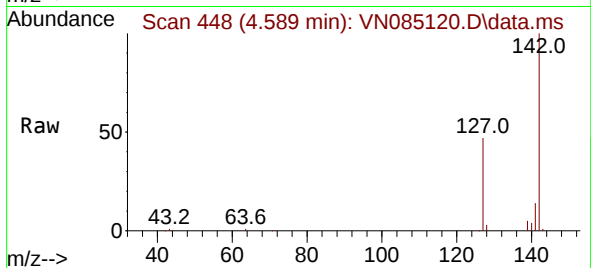




#11
Methyl Iodide
Concen: 111.529 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

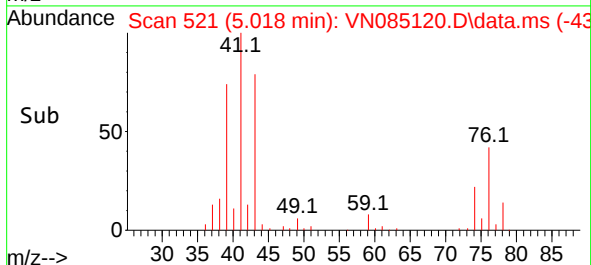
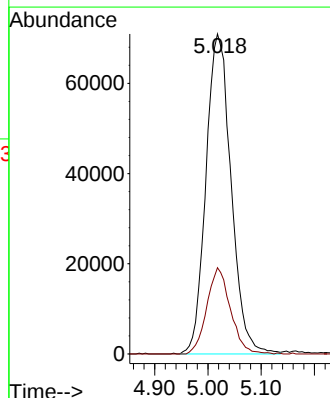
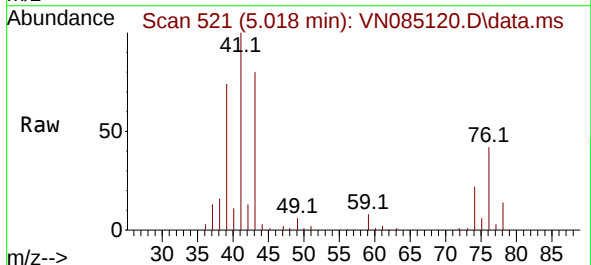
Instrument :
MSVOA_N
ClientSampleId :

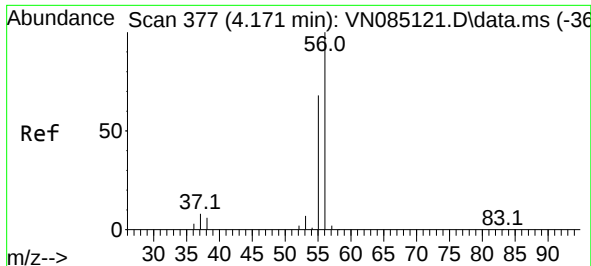
Tgt Ion:142 Resp: 285314
Ion Ratio Lower Upper
142 100
127 46.9 22.5 67.5
141 13.8 8.3 24.9



#12
Methyl Acetate
Concen: 106.935 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion: 43 Resp: 232698
Ion Ratio Lower Upper
43 100
74 26.9 19.8 29.6





#13

Acrolein

Concen: 539.405 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN085120.D

Acq: 06 Dec 2024 11:13

Instrument :

MSVOA_N

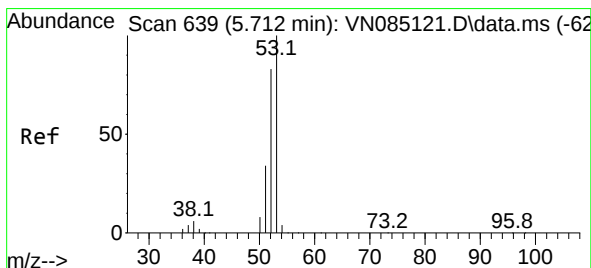
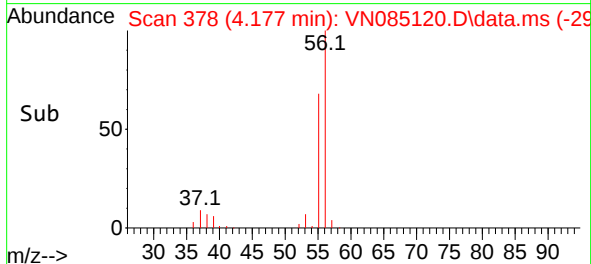
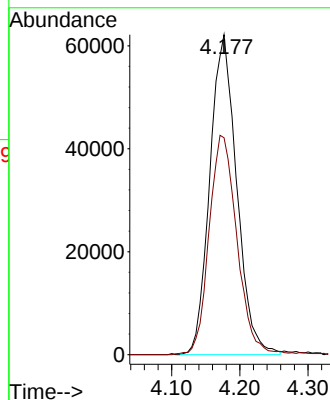
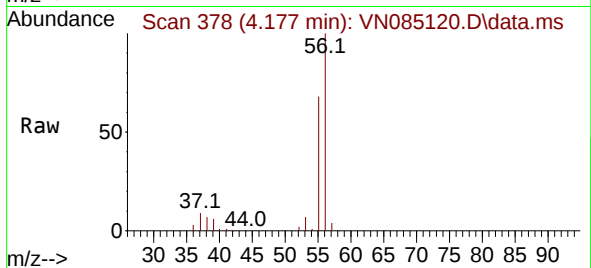
ClientSampleId :

Tgt Ion: 56 Resp: 170574

Ion Ratio Lower Upper

56 100

55 70.6 59.4 89.0



#14

Acrylonitrile

Concen: 545.734 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN085120.D

Acq: 06 Dec 2024 11:13

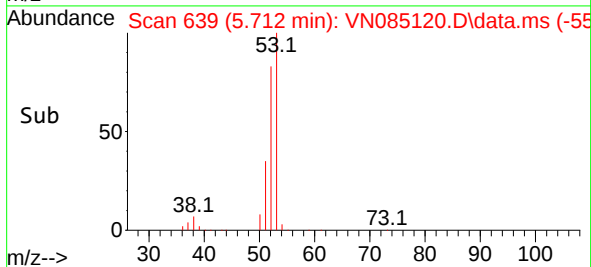
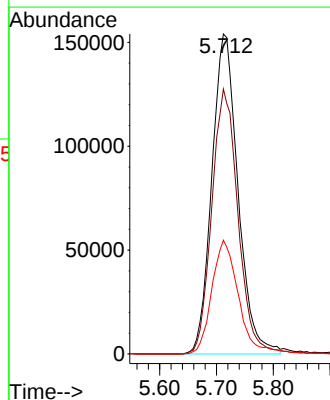
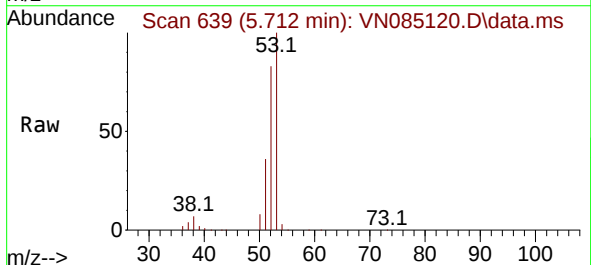
Tgt Ion: 53 Resp: 493102

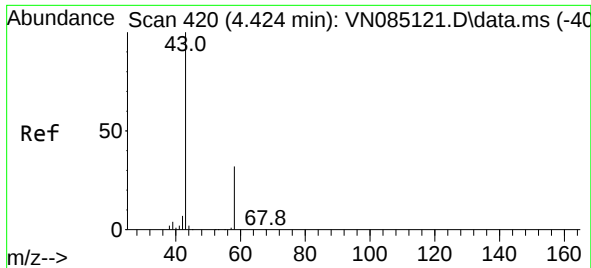
Ion Ratio Lower Upper

53 100

52 82.7 42.9 128.5

51 36.4 17.2 51.5

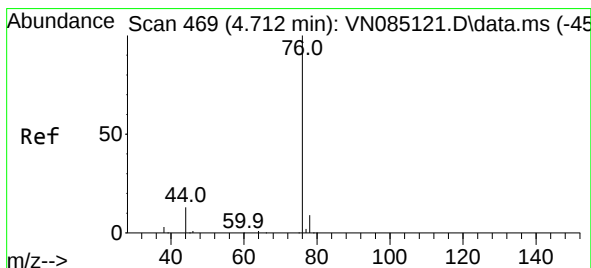
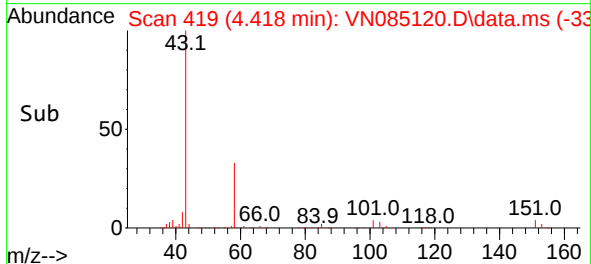
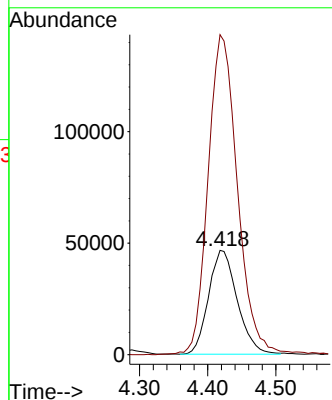
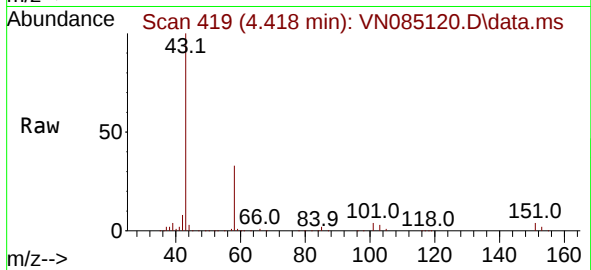




#15
Acetone
Concen: 557.523 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

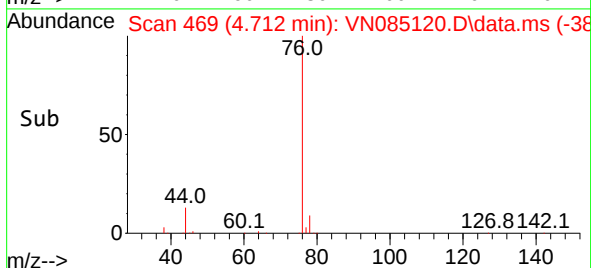
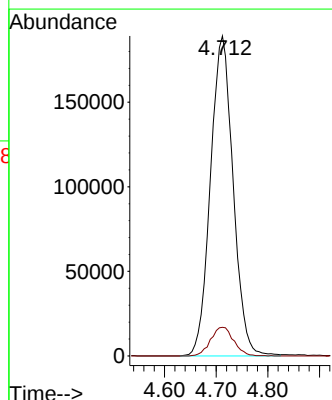
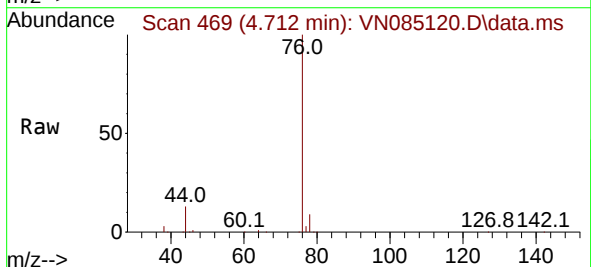
Instrument :
MSVOA_N
ClientSampleId :

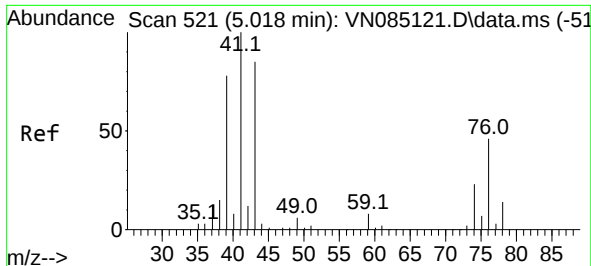
Tgt Ion: 58 Resp: 136513
Ion Ratio Lower Upper
58 100
43 305.3 242.3 363.5



#16
Carbon Disulfide
Concen: 104.540 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

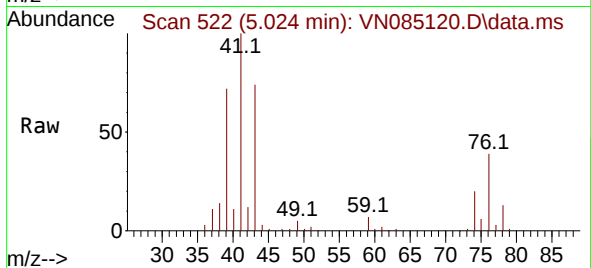
Tgt Ion: 76 Resp: 576373
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



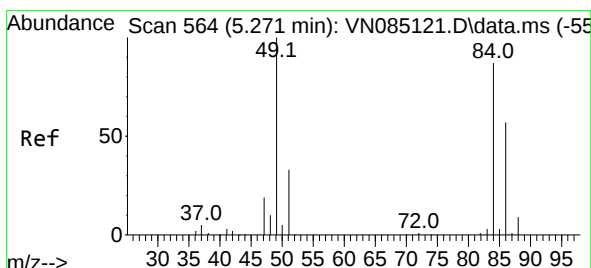
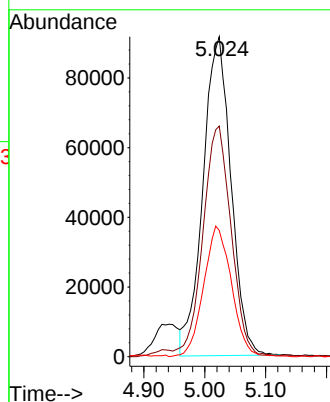
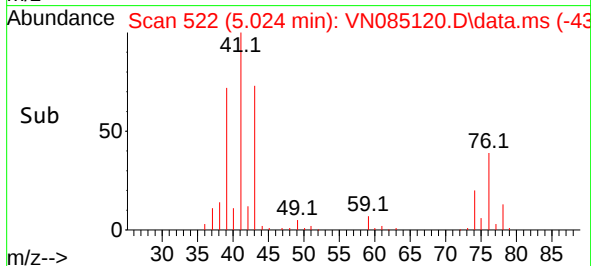


#17
 Allyl chloride
 Concen: 111.032 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN085120.D
 Acq: 06 Dec 2024 11:13

Instrument :
 MSVOA_N
 ClientSampleId :

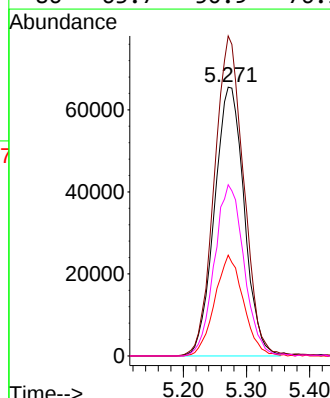
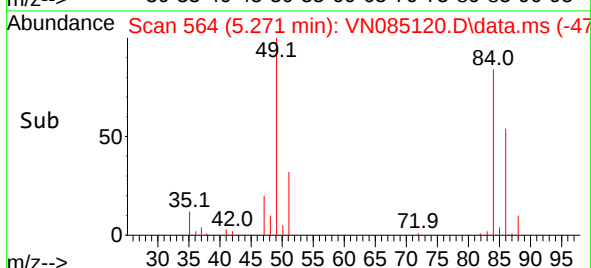
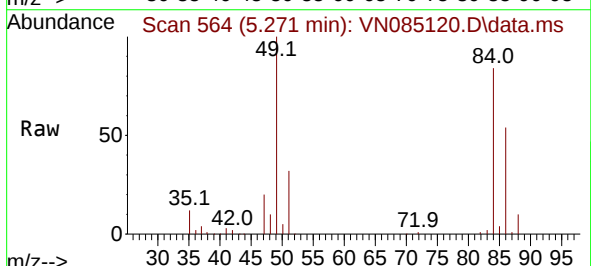


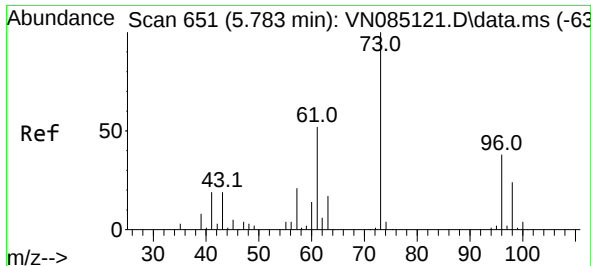
Tgt Ion: 41 Resp: 293051
 Ion Ratio Lower Upper
 41 100
 39 72.2 32.0 96.2
 76 39.4 20.2 60.5



#18
 Methylene Chloride
 Concen: 102.597 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.000 min
 Lab File: VN085120.D
 Acq: 06 Dec 2024 11:13

Tgt Ion: 84 Resp: 214729
 Ion Ratio Lower Upper
 84 100
 49 118.8 95.1 142.7
 51 37.5 27.4 41.0
 86 63.7 50.9 76.3





#19

trans-1,2-Dichloroethene

Concen: 105.945 ug/l

RT: 5.788 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN085120.D

Acq: 06 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

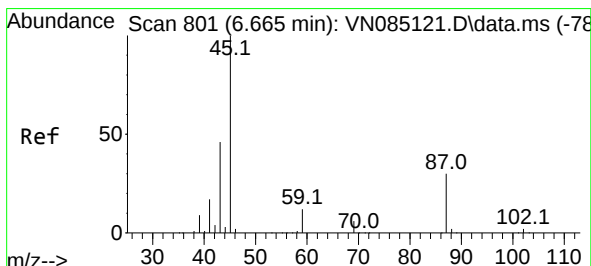
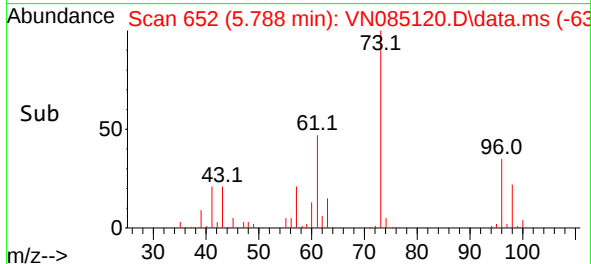
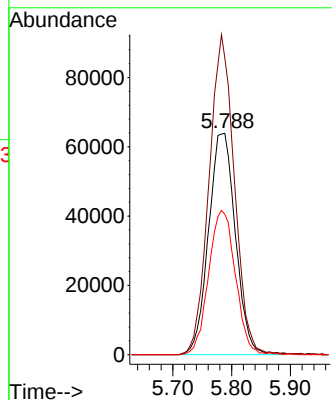
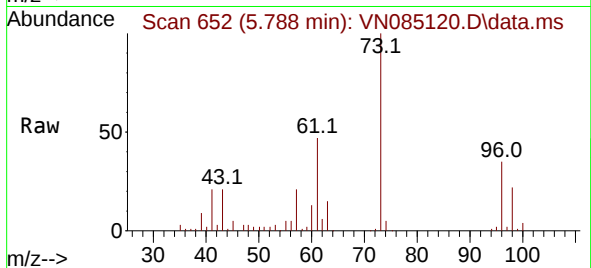
Tgt Ion: 96 Resp: 203123

Ion Ratio Lower Upper

96 100

61 133.8 100.4 150.6

98 63.4 52.6 79.0



#20

Diisopropyl ether

Concen: 107.259 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.000 min

Lab File: VN085120.D

Acq: 06 Dec 2024 11:13

Tgt Ion: 45 Resp: 621282

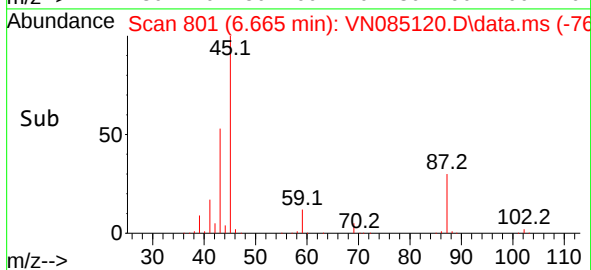
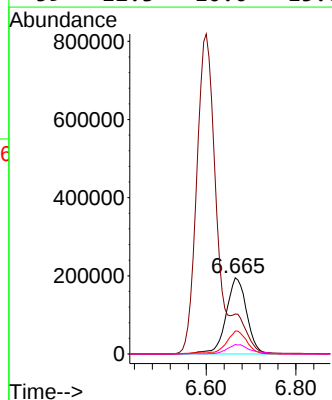
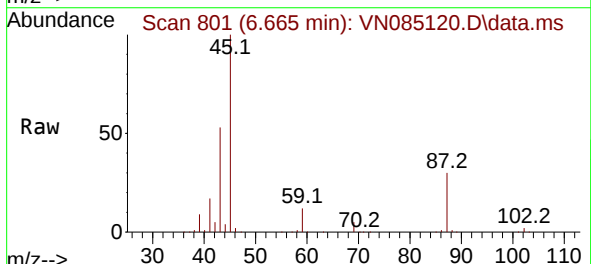
Ion Ratio Lower Upper

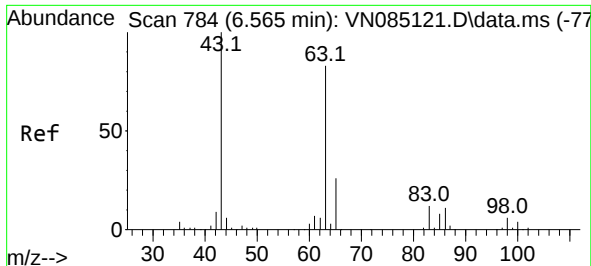
45 100

43 51.6 41.9 62.9

87 29.9 24.1 36.1

59 12.3 10.0 15.0





#21

1,1-Dichloroethane

Concen: 104.639 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.000 min

Lab File: VN085120.D

Acq: 06 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

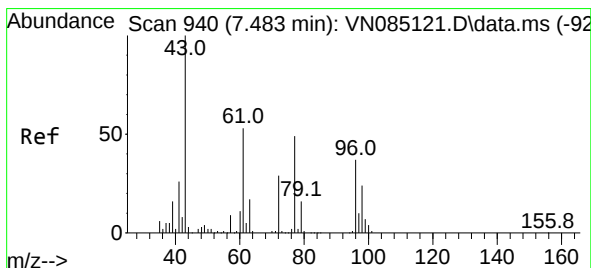
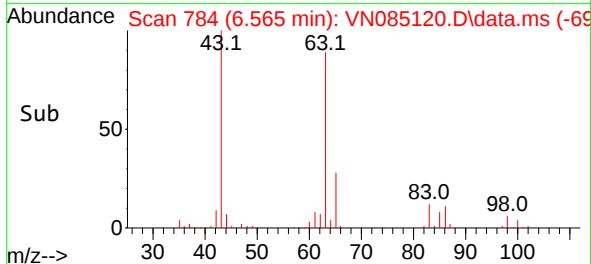
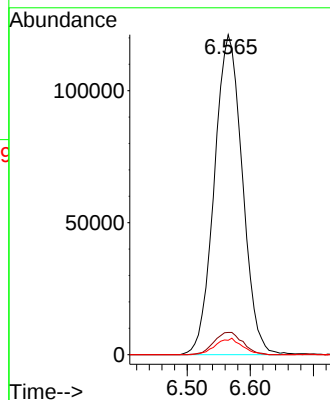
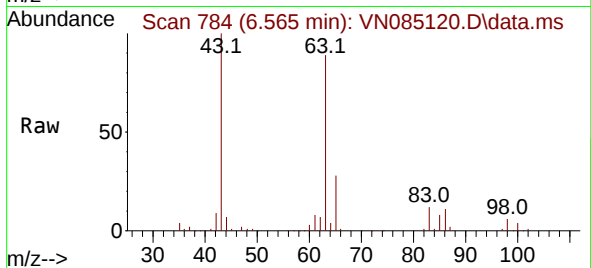
Tgt Ion: 63 Resp: 374090

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.5 1.6 4.8



#22

cis-1,2-Dichloroethene

Concen: 106.277 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.006 min

Lab File: VN085120.D

Acq: 06 Dec 2024 11:13

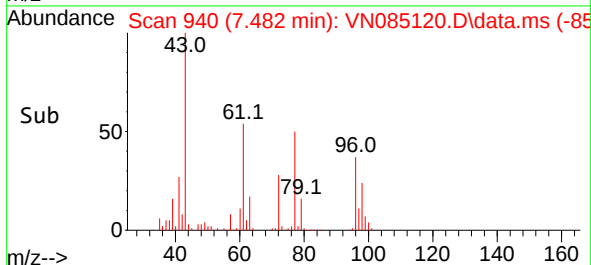
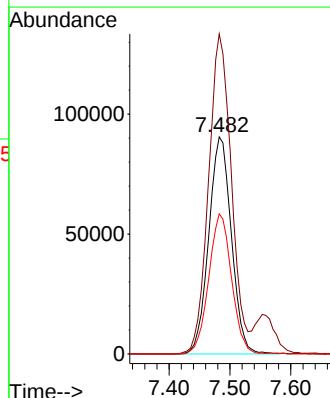
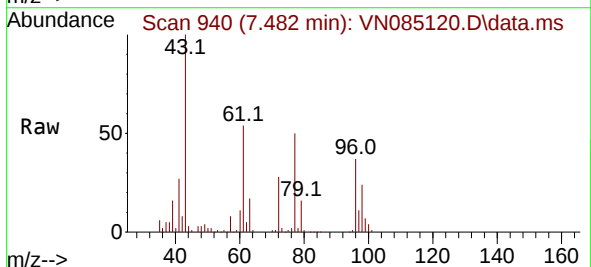
Tgt Ion: 96 Resp: 234199

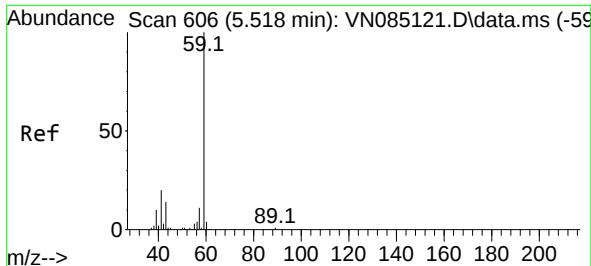
Ion Ratio Lower Upper

96 100

61 147.4 115.9 173.9

98 64.7 51.8 77.8

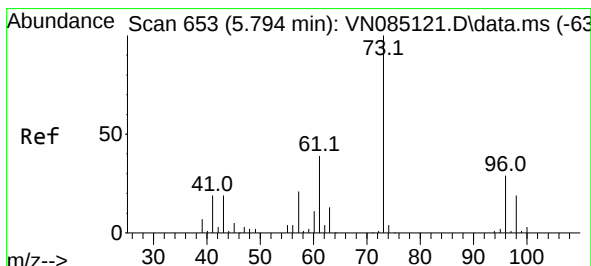
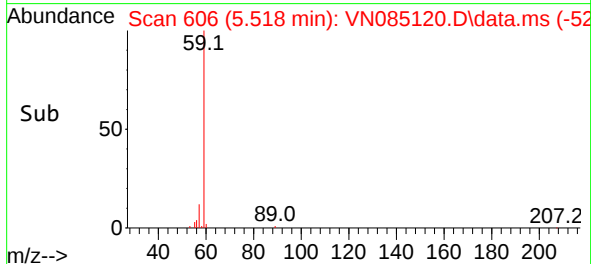
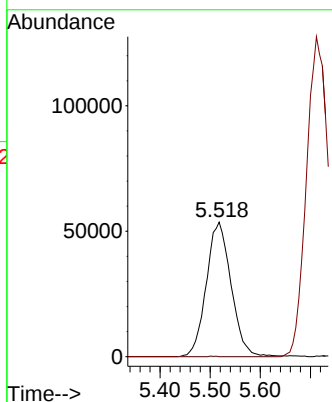
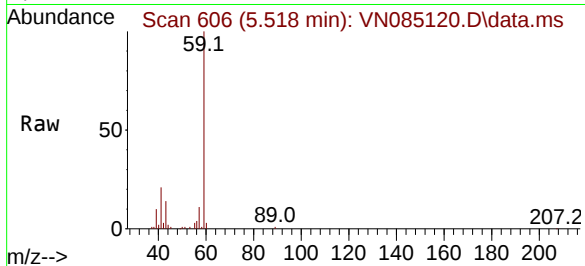




#23
tert-Butyl Alcohol
Concen: 568.118 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

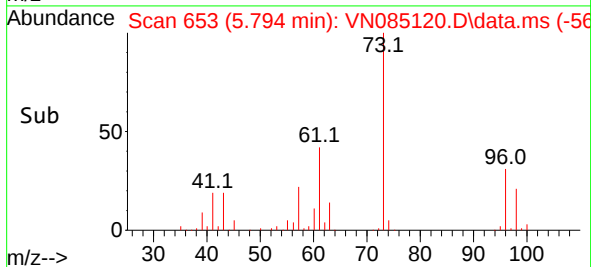
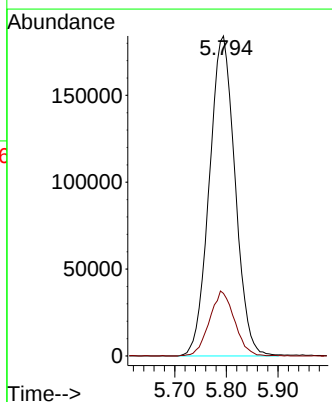
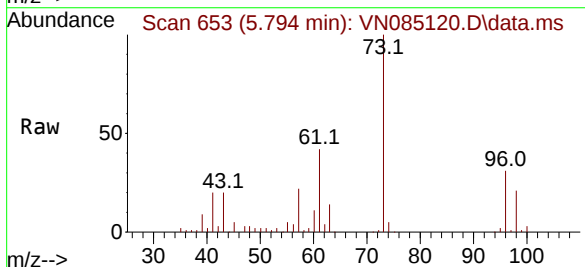
Instrument :
MSVOA_N
ClientSampleId :

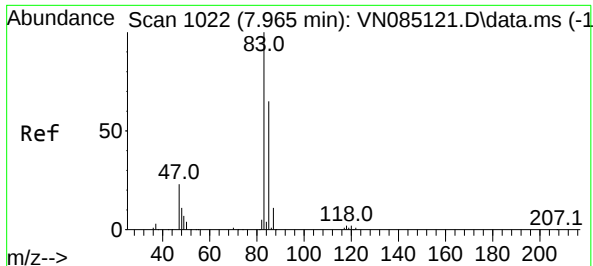
Tgt Ion: 59 Resp: 184150
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 110.650 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion: 73 Resp: 637140
Ion Ratio Lower Upper
73 100
43 19.7 8.7 13.1#

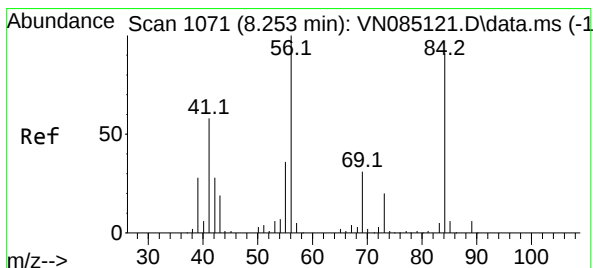
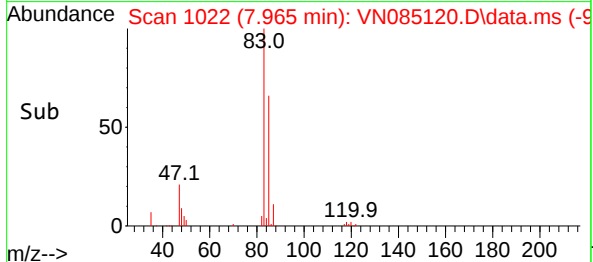
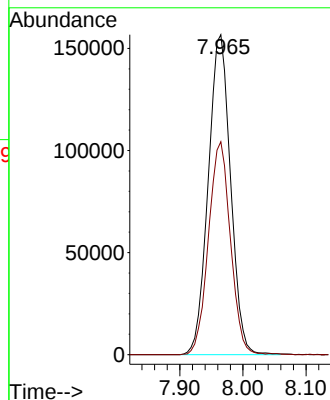
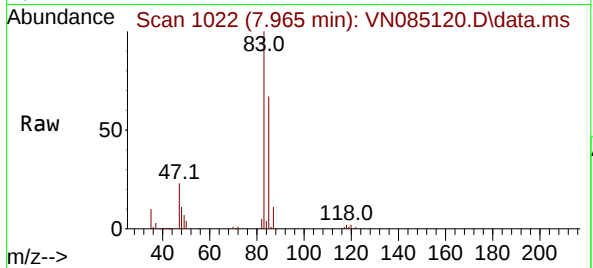




#25
Chloroform
Concen: 102.776 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

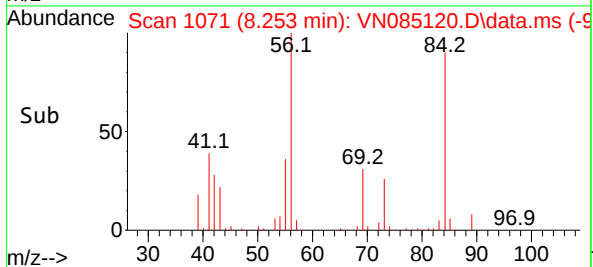
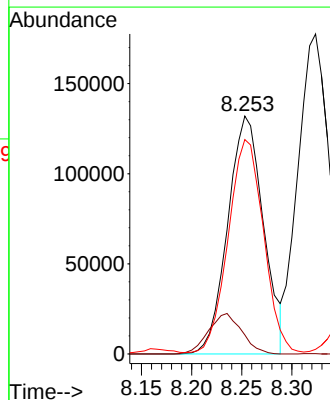
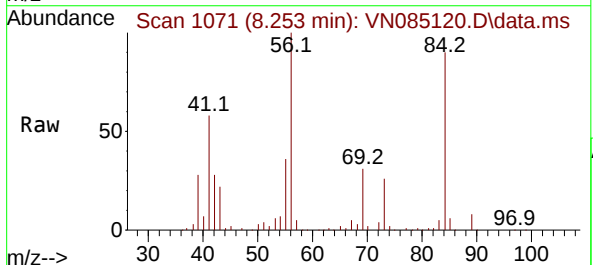
Instrument :
MSVOA_N
ClientSampleId :

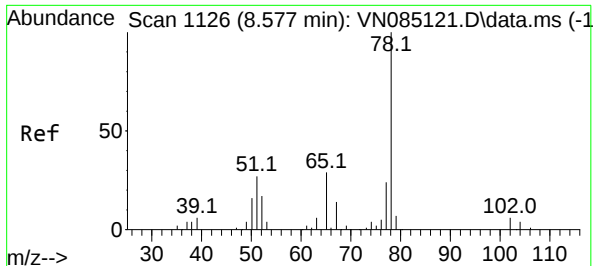
Tgt Ion: 83 Resp: 384926
Ion Ratio Lower Upper
83 100
85 66.6 49.4 74.0



#26
Cyclohexane
Concen: 111.090 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion: 56 Resp: 327008
Ion Ratio Lower Upper
56 100
89 15.9 19.5 29.3#
84 89.7 70.6 105.8

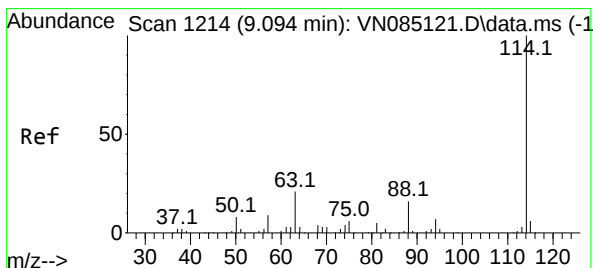
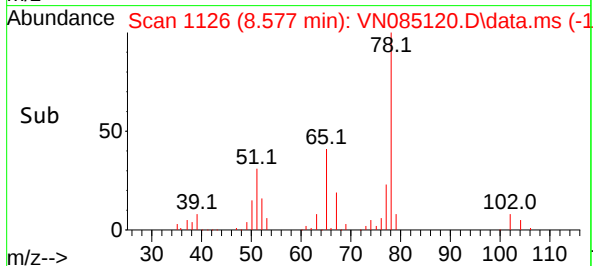
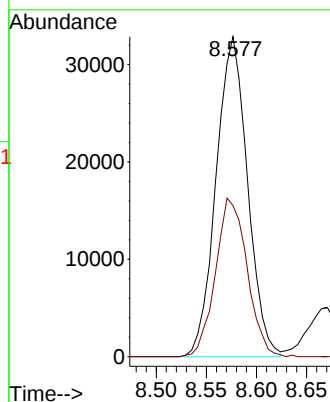
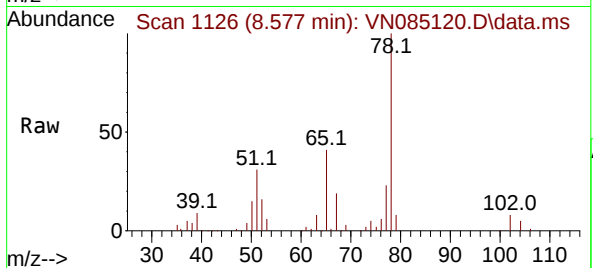




#27
 1,2-Dichloroethane-d4
 Concen: 29.873 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN085120.D
 Acq: 06 Dec 2024 11:13

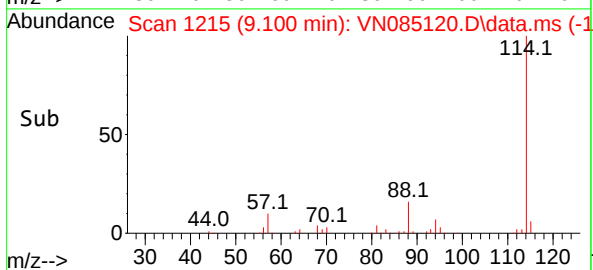
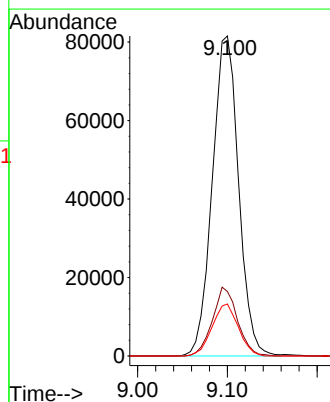
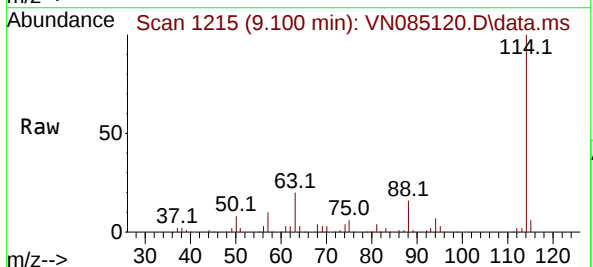
Instrument :
 MSVOA_N
 ClientSampleId :

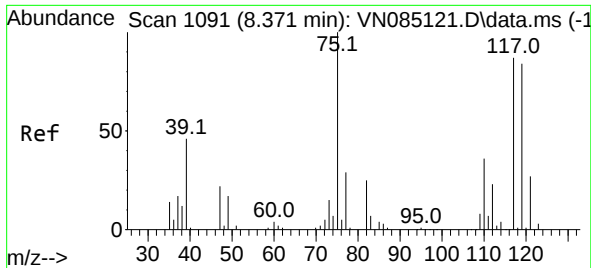
Tgt Ion: 65 Resp: 71793
 Ion Ratio Lower Upper
 65 100
 67 49.6 39.9 59.9



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN085120.D
 Acq: 06 Dec 2024 11:13

Tgt Ion: 114 Resp: 165873
 Ion Ratio Lower Upper
 114 100
 63 20.4 16.2 24.2
 88 16.2 12.5 18.7

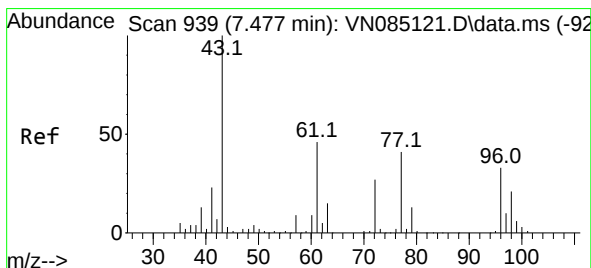
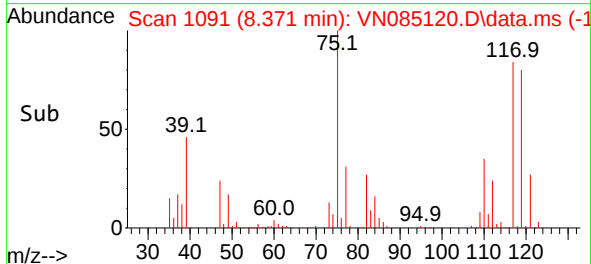
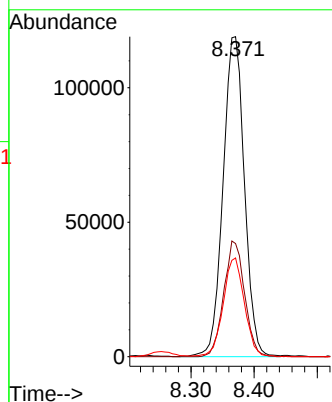
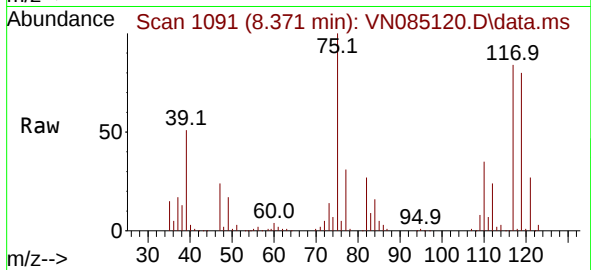




#29
1,1-Dichloropropene
Concen: 104.562 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

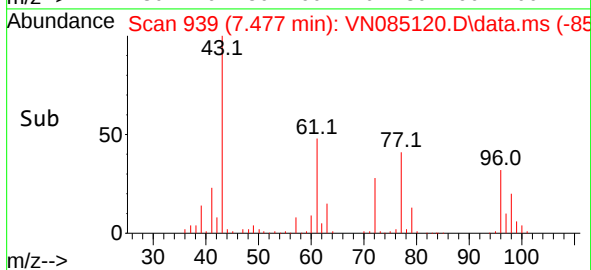
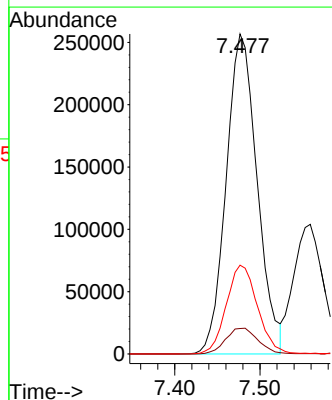
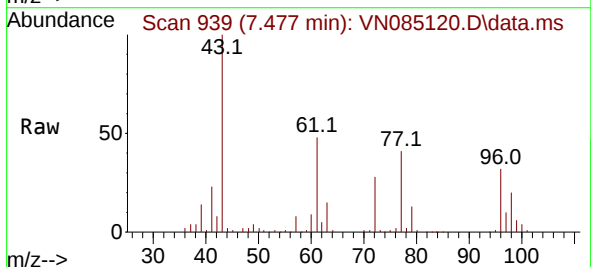
Instrument :
MSVOA_N
ClientSampleId :

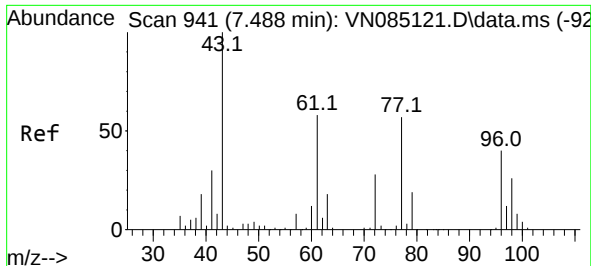
Tgt Ion: 75 Resp: 279872
Ion Ratio Lower Upper
75 100
110 35.1 0.0 71.6
77 30.7 0.0 62.2



#30
2-Butanone
Concen: 528.323 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion: 43 Resp: 648934
Ion Ratio Lower Upper
43 100
57 8.4 6.9 10.3
72 27.9 21.8 32.8





#31

2,2-Dichloropropane

Concen: 102.508 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN085120.D

Acq: 06 Dec 2024 11:13

Instrument :

MSVOA_N

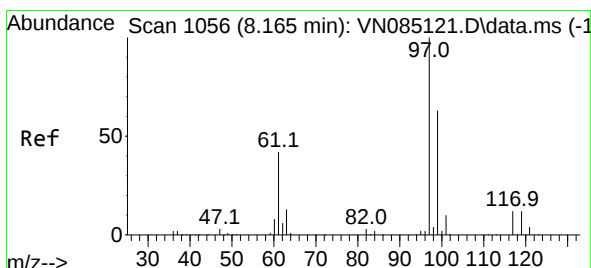
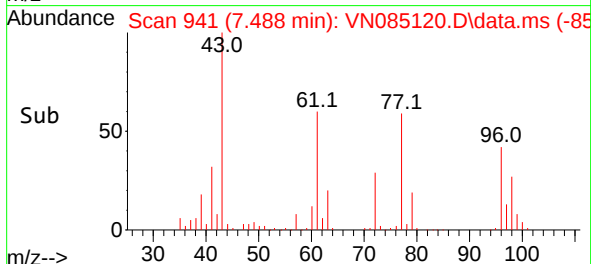
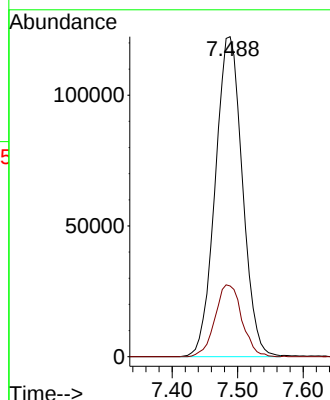
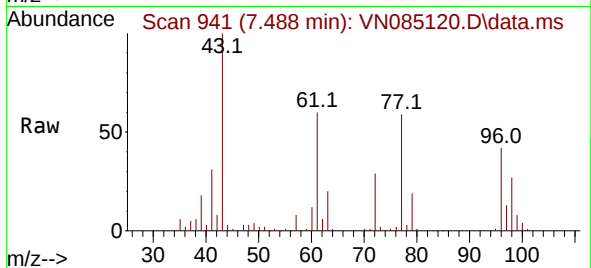
ClientSampleId :

Tgt Ion: 77 Resp: 351838

Ion Ratio Lower Upper

77 100

97 22.1 0.0 0.0#



#32

1,1,1-Trichloroethane

Concen: 100.216 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN085120.D

Acq: 06 Dec 2024 11:13

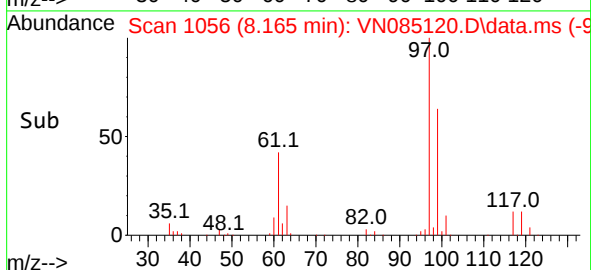
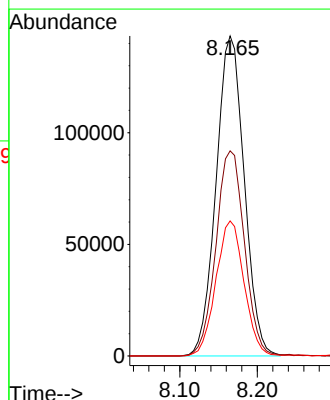
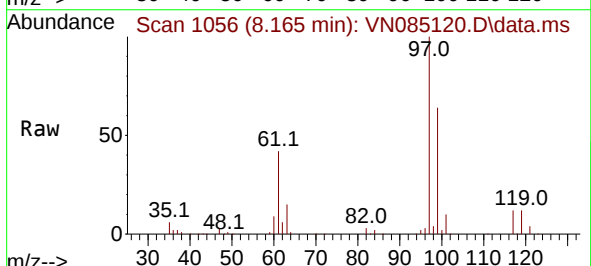
Tgt Ion: 97 Resp: 363069

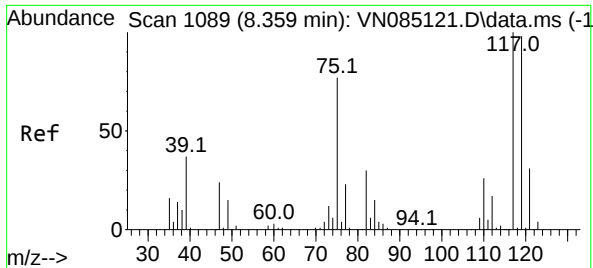
Ion Ratio Lower Upper

97 100

99 64.8 50.8 76.2

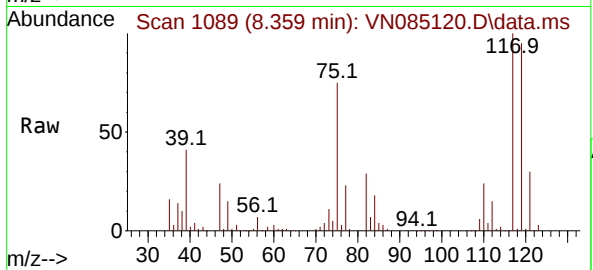
61 42.1 32.7 49.1



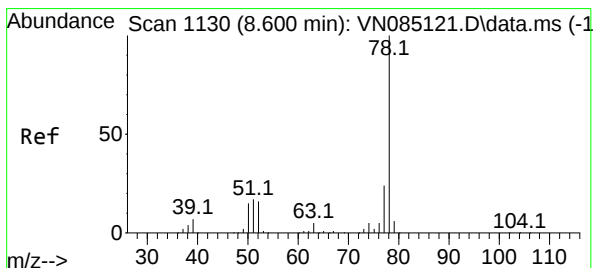
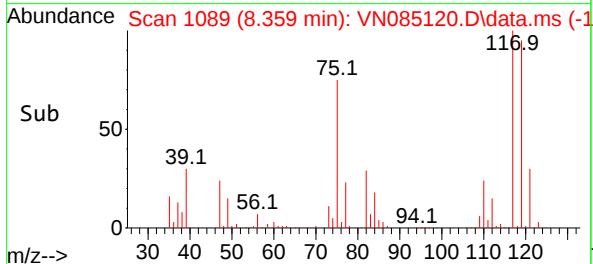
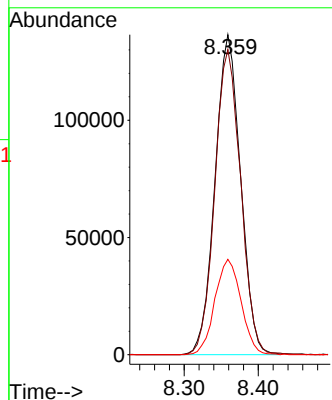


#33
Carbon Tetrachloride
Concen: 100.027 ug/l
RT: 8.359 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :

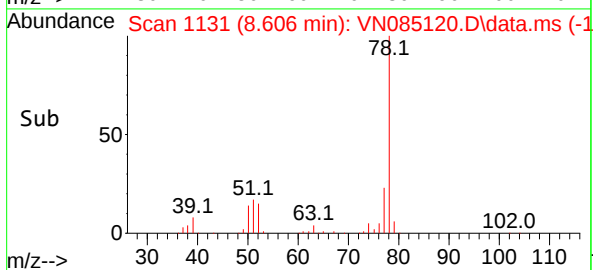
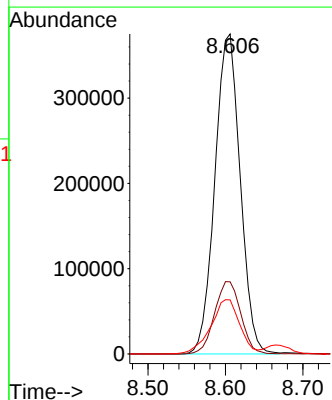
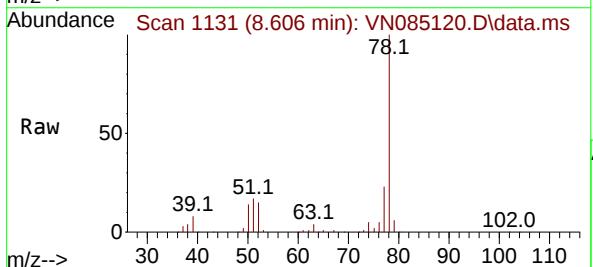


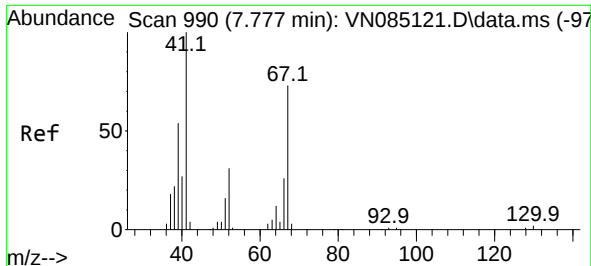
Tgt Ion:117 Resp: 327001
Ion Ratio Lower Upper
117 100
119 95.3 81.6 122.4
121 29.8 26.5 39.7



#34
Benzene
Concen: 101.479 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion: 78 Resp: 853279
Ion Ratio Lower Upper
78 100
77 22.5 18.0 27.0
51 16.7 12.4 18.6



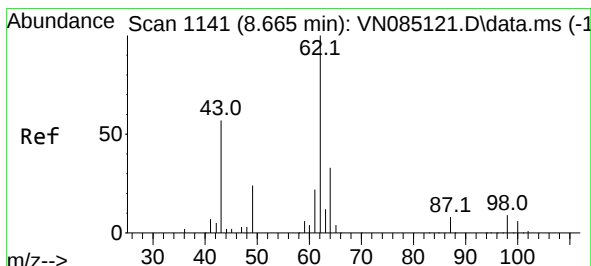
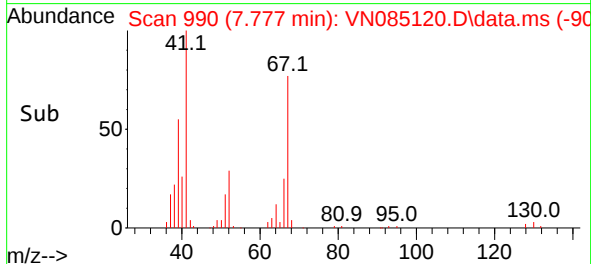
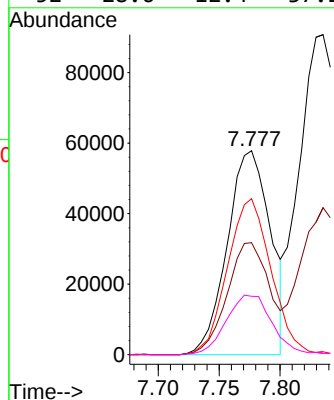
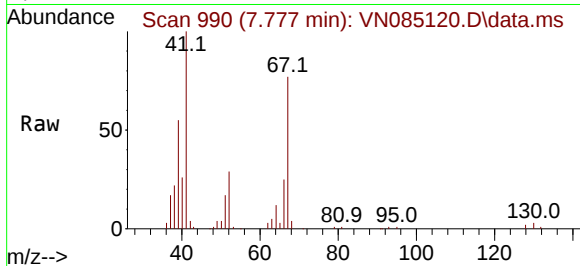


#35
Methacrylonitrile
Concen: 103.194 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 142639

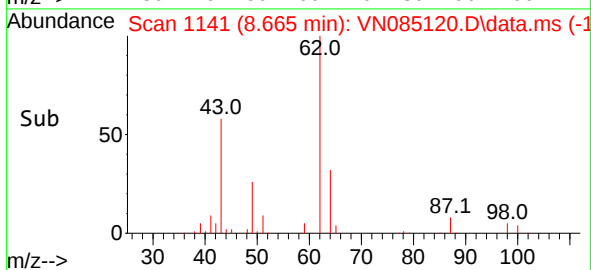
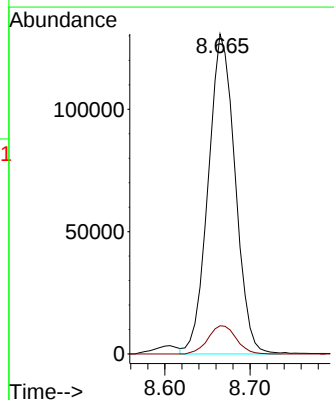
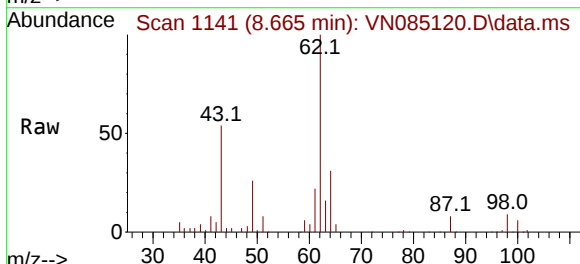
Ion	Ratio	Lower	Upper
41	100		
39	54.9	24.4	73.2
67	76.5	37.0	110.9
52	28.6	12.4	37.2

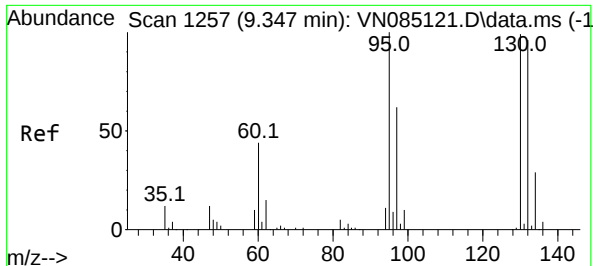


#36
1,2-Dichloroethane
Concen: 100.087 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion: 62 Resp: 286487

Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.3	10.9





#37

Trichloroethene

Concen: 103.077 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.006 min

Lab File: VN085120.D

Acq: 06 Dec 2024 11:13

Instrument :

MSVOA_N

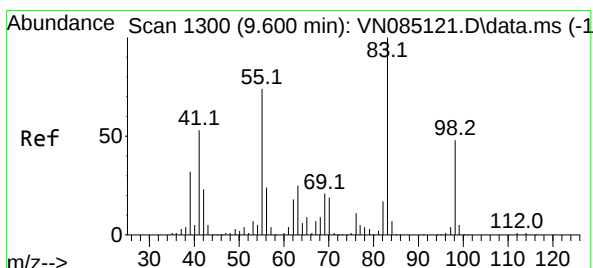
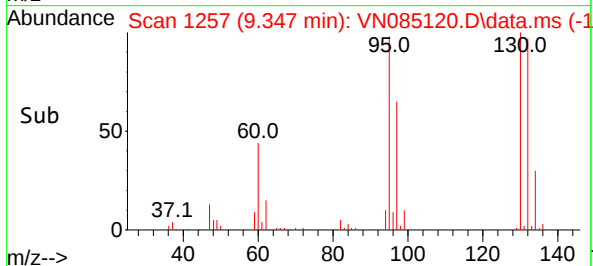
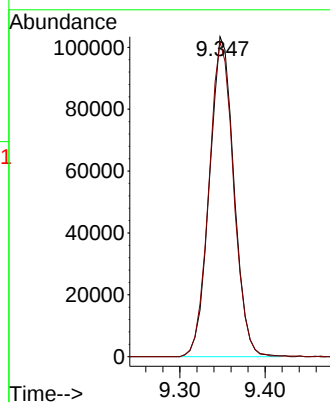
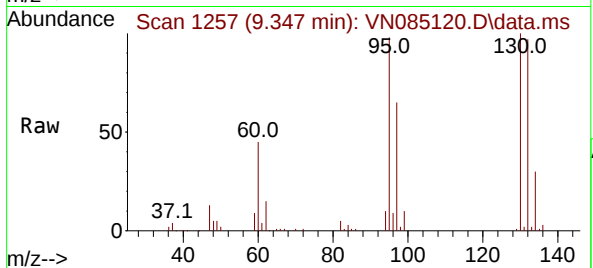
ClientSampleId :

Tgt Ion:130 Resp: 206395

Ion Ratio Lower Upper

130 100

95 98.3 76.2 114.4



#38

Methylcyclohexane

Concen: 110.090 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN085120.D

Acq: 06 Dec 2024 11:13

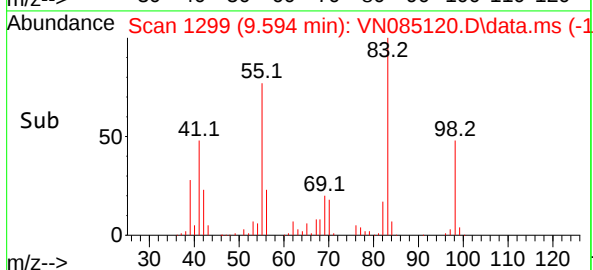
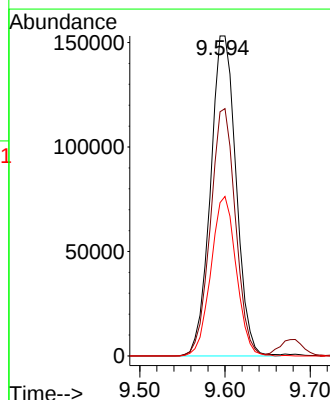
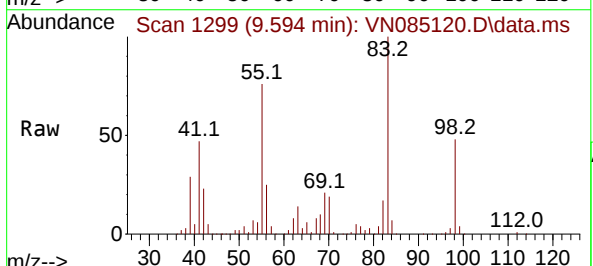
Tgt Ion: 83 Resp: 320395

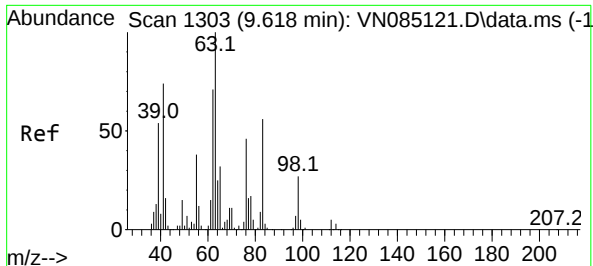
Ion Ratio Lower Upper

83 100

55 75.8 41.4 124.4

98 49.2 25.7 77.1





#39

1,2-Dichloropropane

Concen: 99.263 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085120.D

Acq: 06 Dec 2024 11:13

Instrument :

MSVOA_N

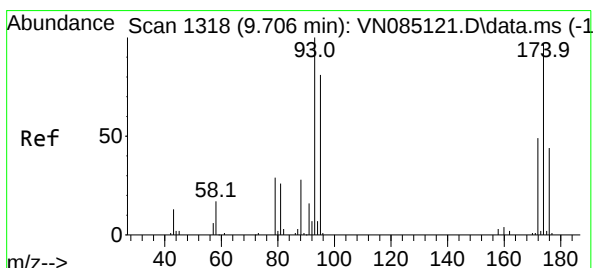
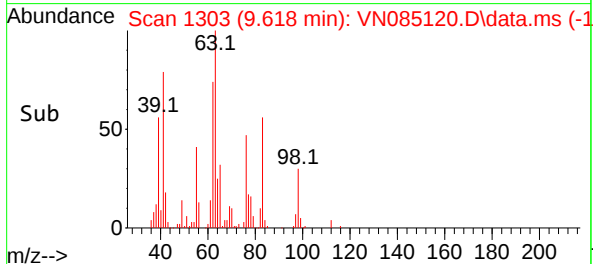
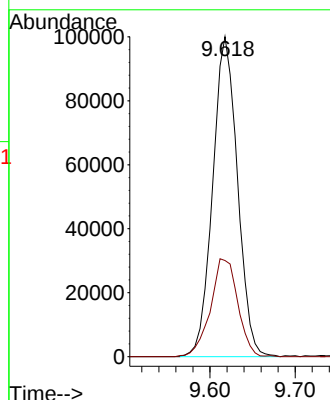
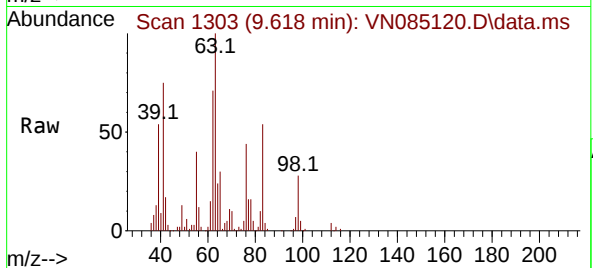
ClientSampleId :

Tgt Ion: 63 Resp: 202160

Ion Ratio Lower Upper

63 100

65 30.0 23.4 35.0



#40

Dibromomethane

Concen: 99.515 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085120.D

Acq: 06 Dec 2024 11:13

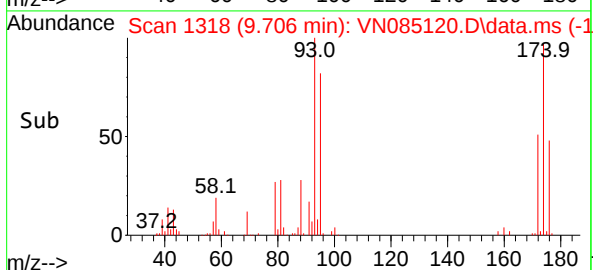
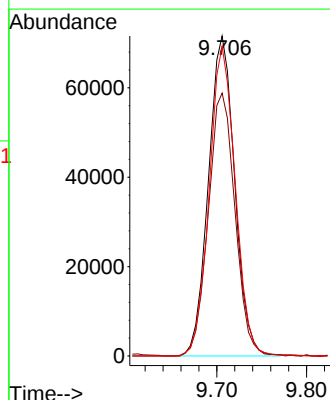
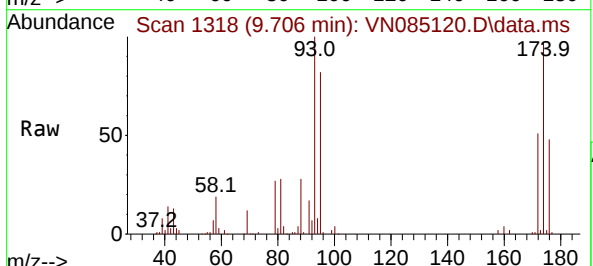
Tgt Ion: 93 Resp: 145378

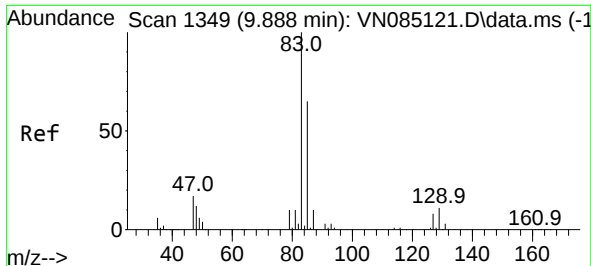
Ion Ratio Lower Upper

93 100

95 83.7 0.0 169.4

174 95.7 0.0 189.8

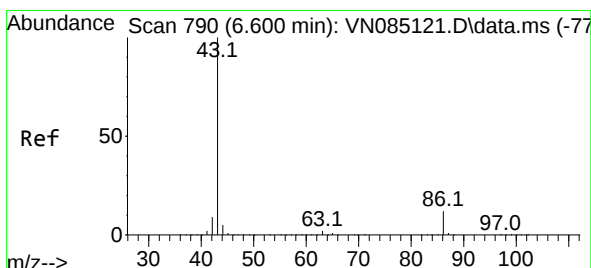
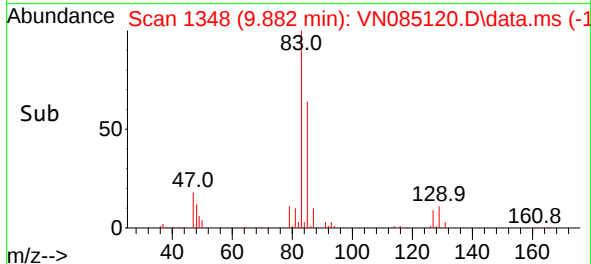
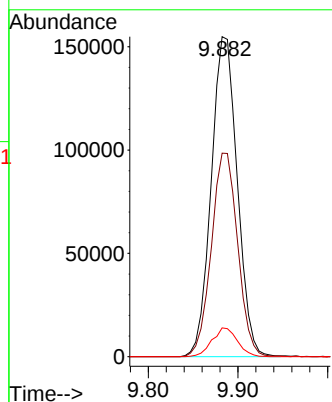
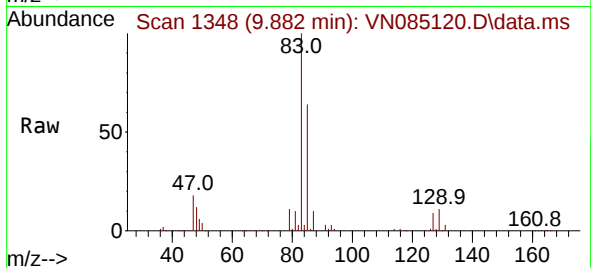




#41
Bromodichloromethane
Concen: 100.007 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

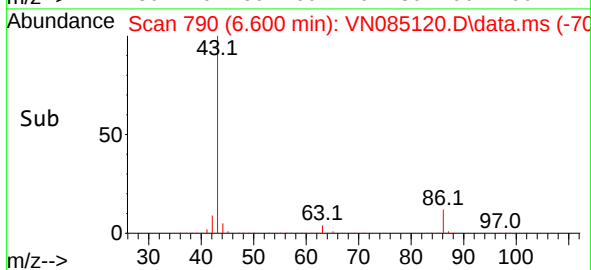
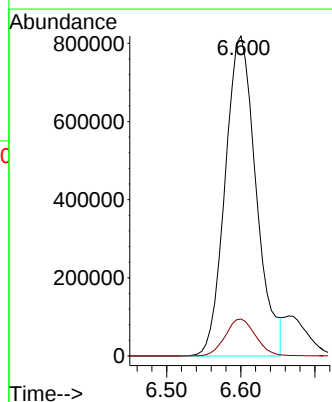
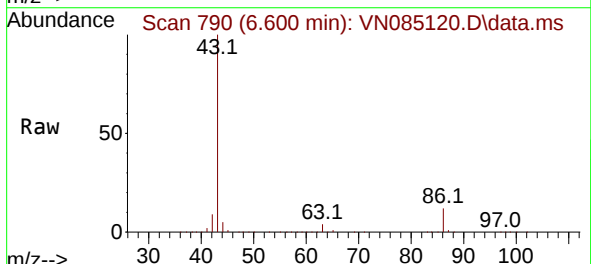
Instrument :
MSVOA_N
ClientSampleId :

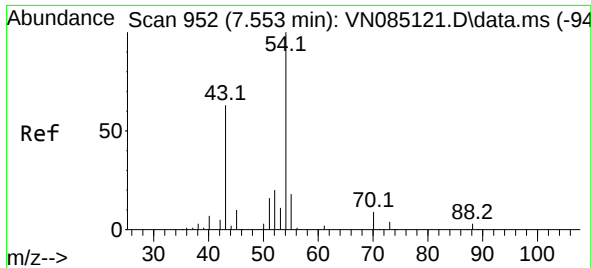
Tgt Ion: 83 Resp: 312321
Ion Ratio Lower Upper
83 100
85 63.6 54.6 81.8
127 9.0 7.0 10.6



#42
Vinyl Acetate
Concen: 553.721 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion: 43 Resp: 2379940
Ion Ratio Lower Upper
43 100
86 11.3 9.2 13.8

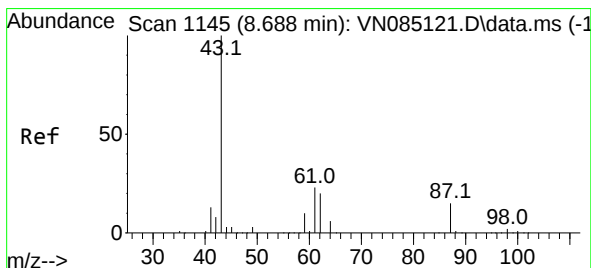
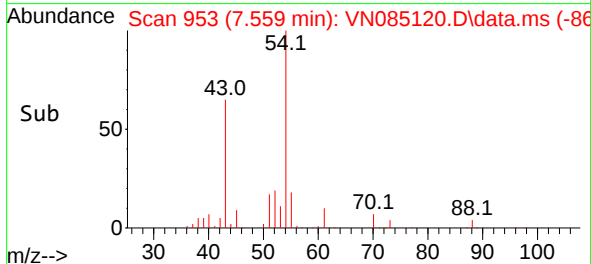
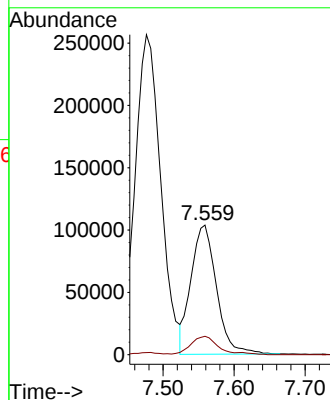
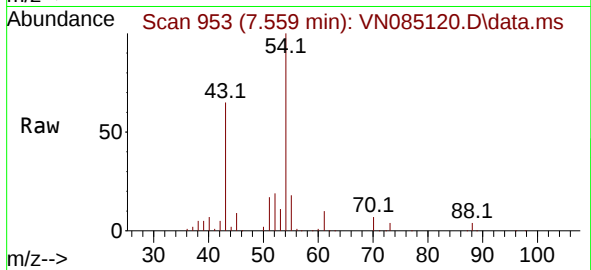




#43
Ethyl Acetate
Concen: 105.766 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

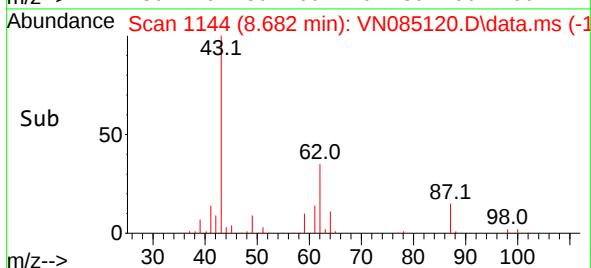
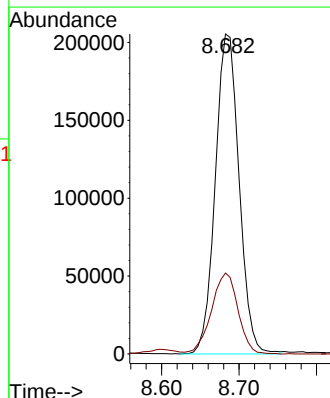
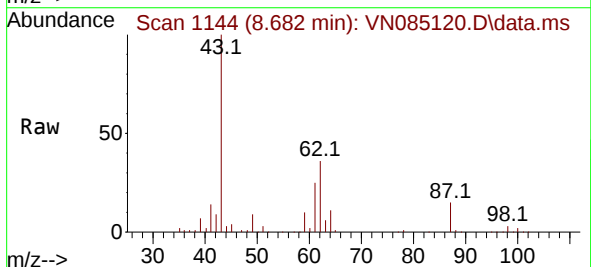
Instrument :
MSVOA_N
ClientSampleId :

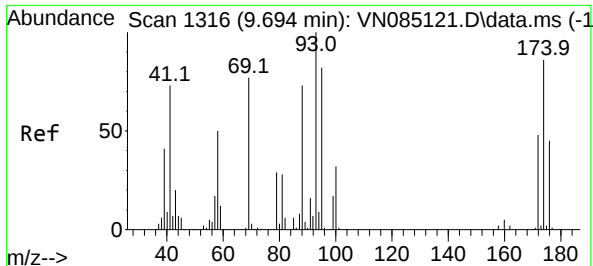
Tgt Ion: 43 Resp: 258485
Ion Ratio Lower Upper
43 100
45 14.5 13.3 19.9



#44
Isopropyl Acetate
Concen: 103.239 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion: 43 Resp: 438465
Ion Ratio Lower Upper
43 100
61 28.2 21.5 32.3

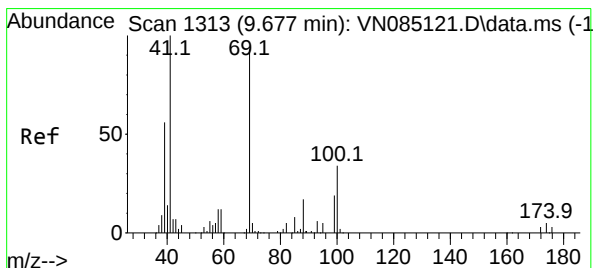
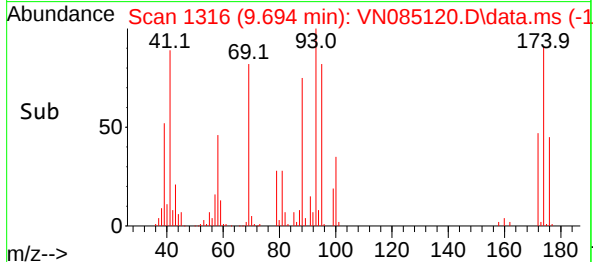
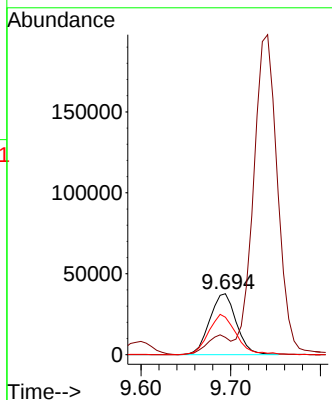
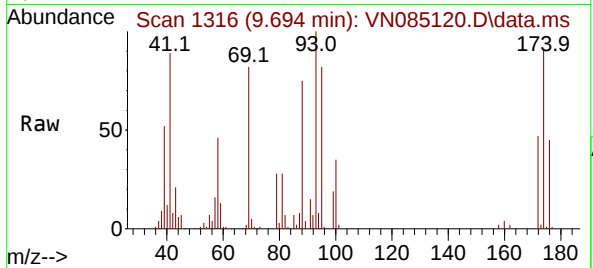




#45
1,4-Dioxane
Concen: 2192.363 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

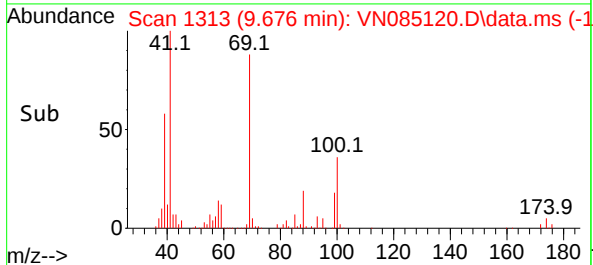
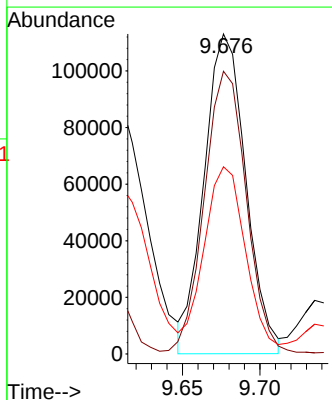
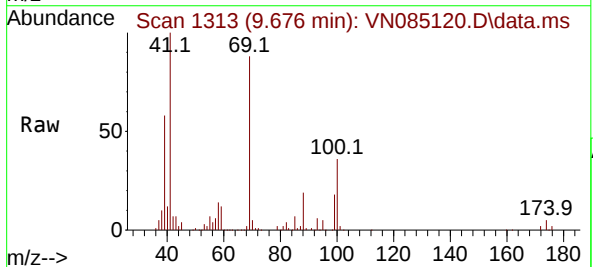
Instrument :
MSVOA_N
ClientSampleId :

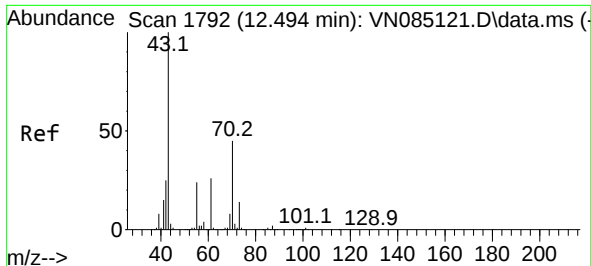
Tgt Ion: 88 Resp: 77646
Ion Ratio Lower Upper
88 100
43 27.5 21.7 32.5
58 68.9 52.6 79.0



#46
Methyl methacrylate
Concen: 108.543 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

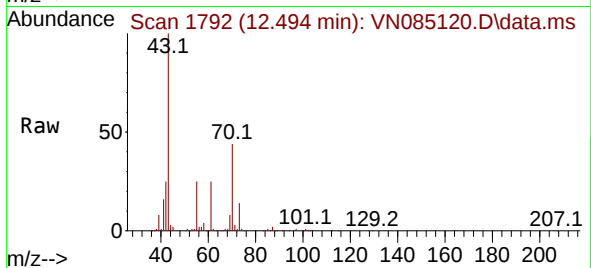
Tgt Ion: 41 Resp: 210976
Ion Ratio Lower Upper
41 100
69 90.2 46.7 140.0
39 58.4 28.5 85.5



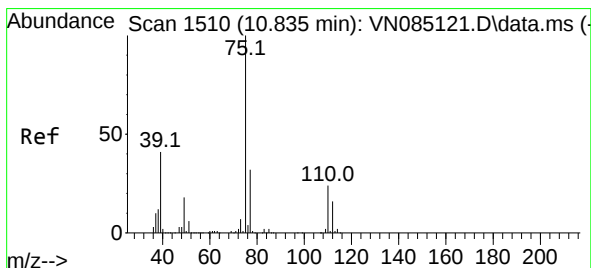
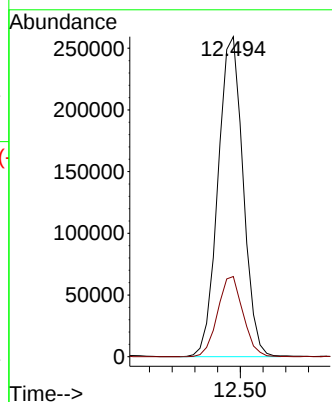
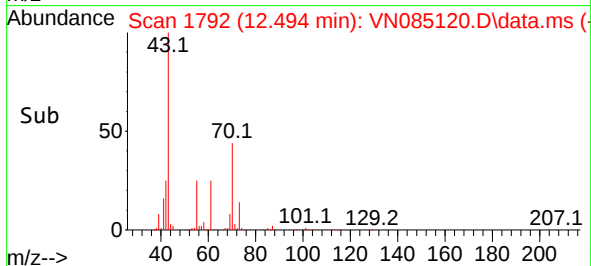


#47
n-amyl acetate
Concen: 111.404 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :

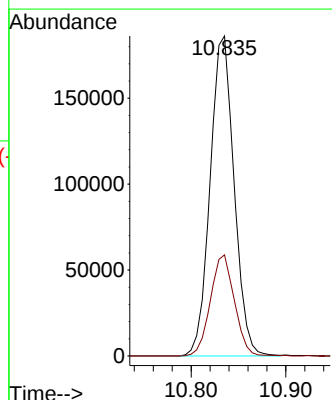
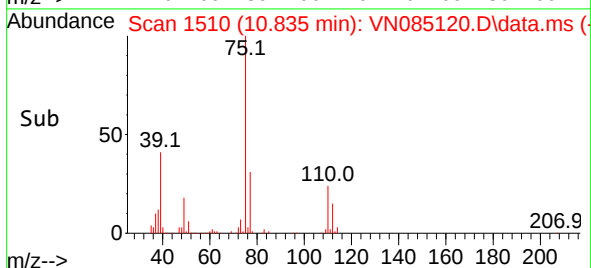
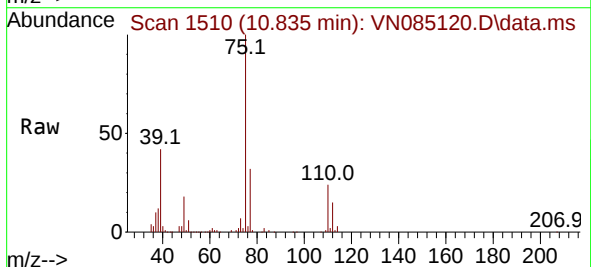


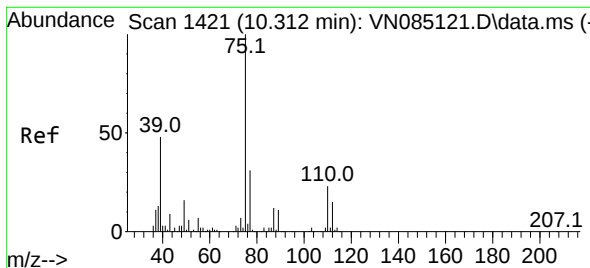
Tgt Ion: 43 Resp: 398085
Ion Ratio Lower Upper
43 100
55 25.3 23.3 34.9



#48
t-1,3-Dichloropropene
Concen: 106.805 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

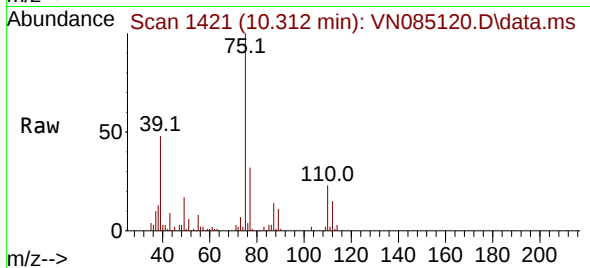
Tgt Ion: 75 Resp: 327429
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3





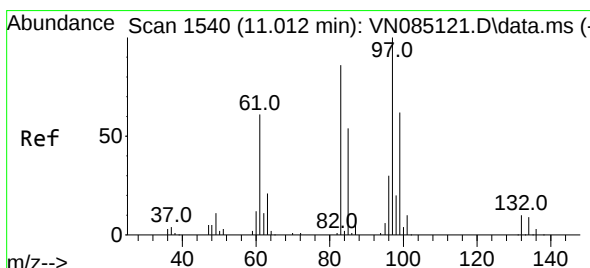
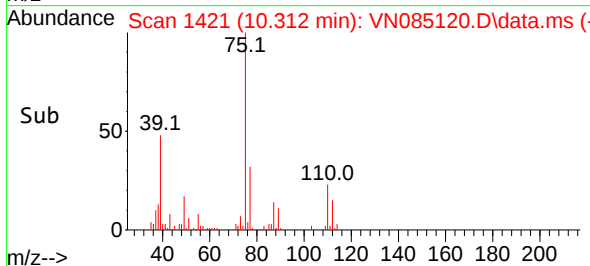
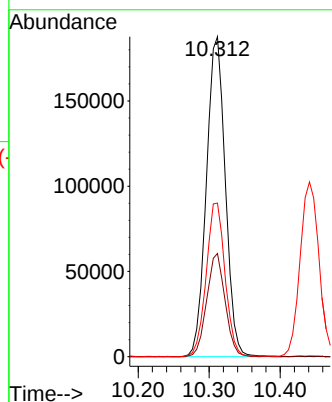
#49
 cis-1,3-Dichloropropene
 Concen: 104.212 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN085120.D
 Acq: 06 Dec 2024 11:13

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 347791

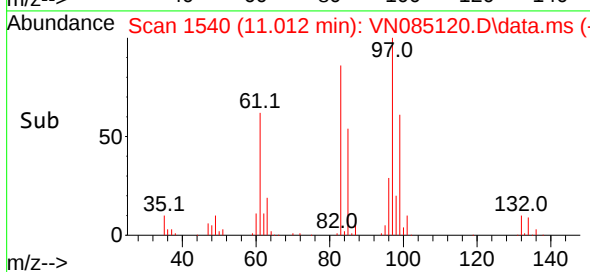
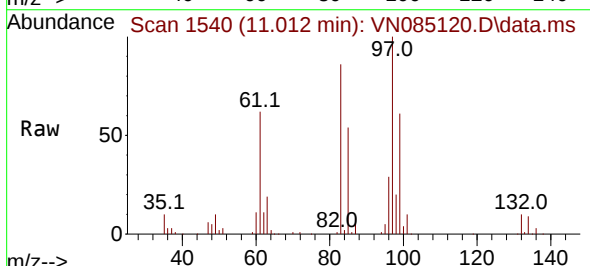
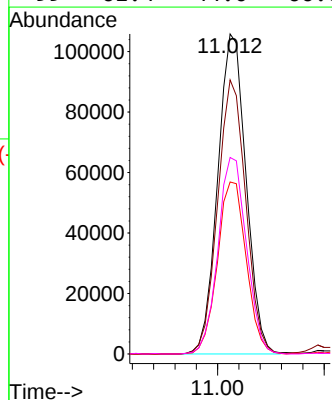
Ion	Ratio	Lower	Upper
75	100		
77	32.2	23.8	35.6
39	48.0	37.3	55.9

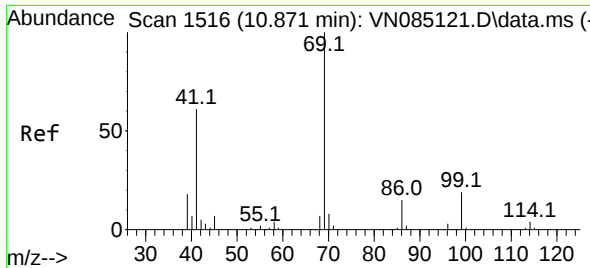


#50
 1,1,2-Trichloroethane
 Concen: 99.153 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.000 min
 Lab File: VN085120.D
 Acq: 06 Dec 2024 11:13

Tgt Ion: 97 Resp: 195188

Ion	Ratio	Lower	Upper
97	100		
83	85.6	65.8	98.8
85	53.8	40.8	61.2
99	61.4	44.0	66.0

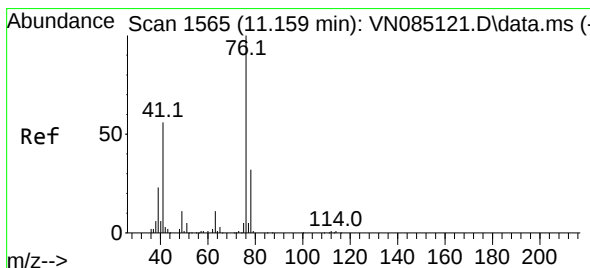
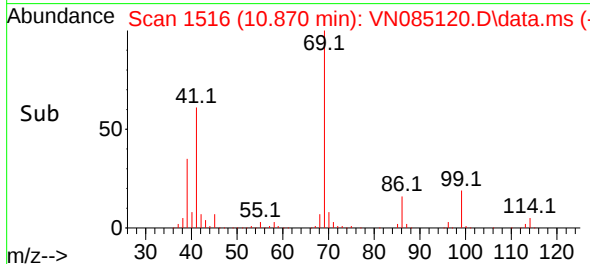
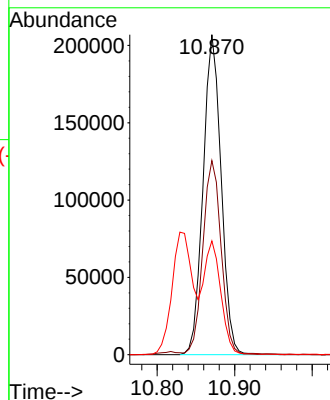
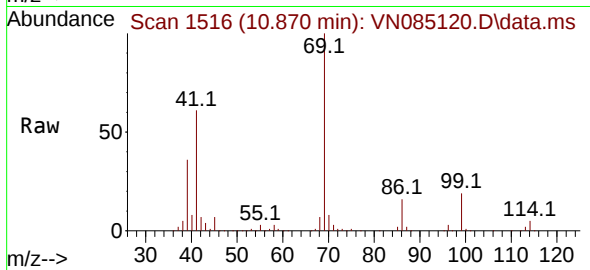




#51
Ethyl methacrylate
Concen: 112.054 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

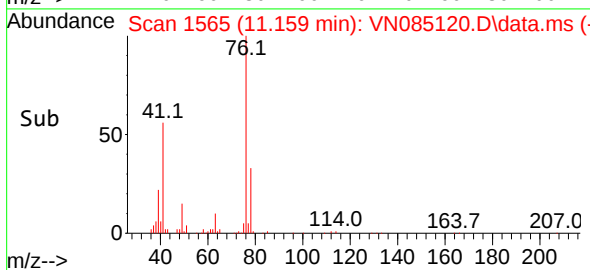
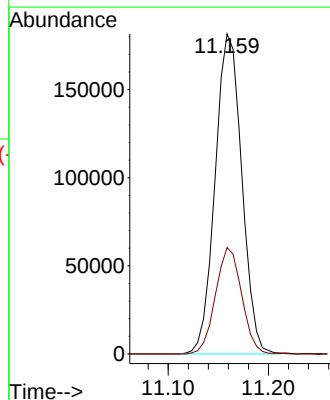
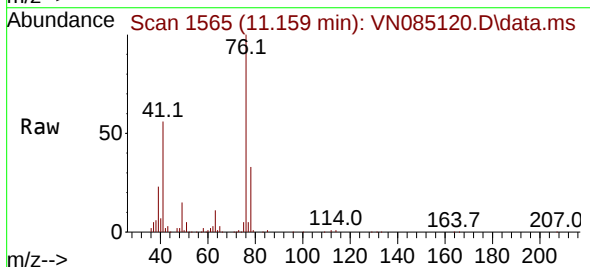
Instrument :
MSVOA_N
ClientSampleId :

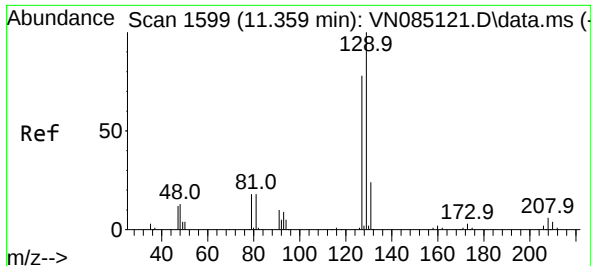
Tgt Ion: 69 Resp: 335501
Ion Ratio Lower Upper
69 100
41 60.5 32.1 96.3
39 35.4 18.8 56.4



#52
1,3-Dichloropropane
Concen: 101.938 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion: 76 Resp: 335834
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.6

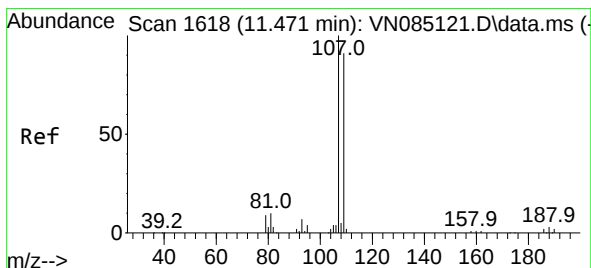
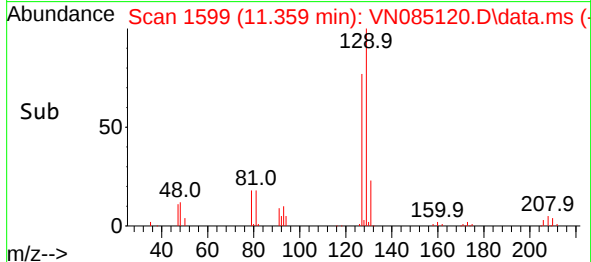
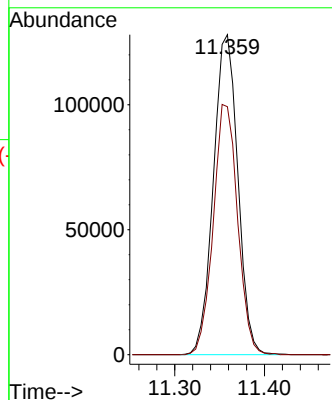
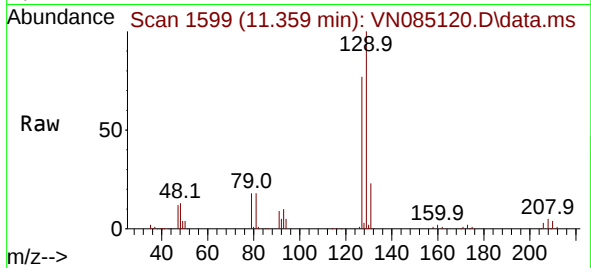




#53
Dibromochloromethane
Concen: 100.988 ug/l
RT: 11.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

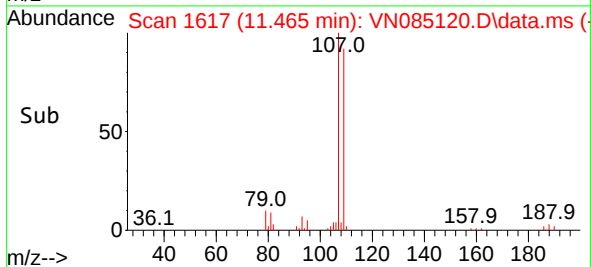
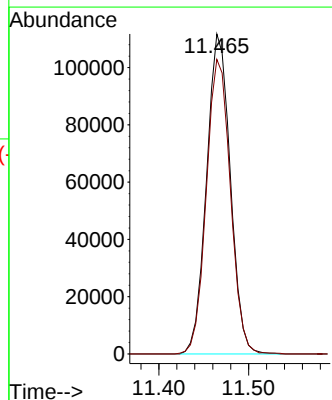
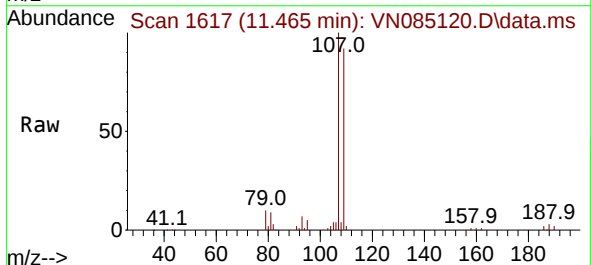
Instrument :
MSVOA_N
ClientSampleId :

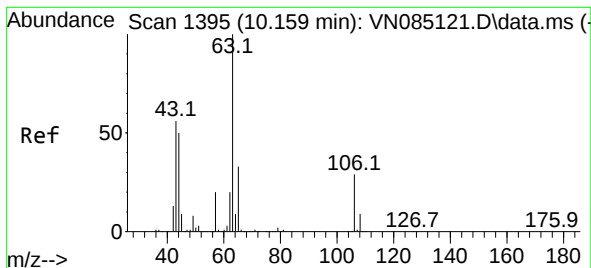
Tgt Ion:129 Resp: 242265
Ion Ratio Lower Upper
129 100
127 77.7 37.3 111.9



#54
1,2-Dibromoethane
Concen: 103.531 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion:107 Resp: 205342
Ion Ratio Lower Upper
107 100
109 93.3 75.2 112.8

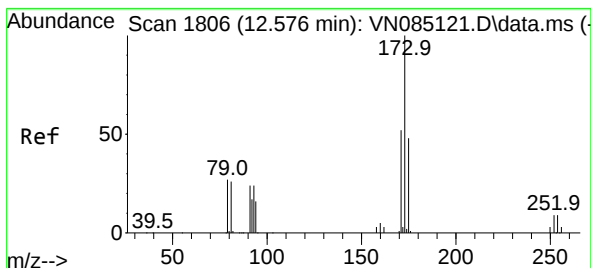
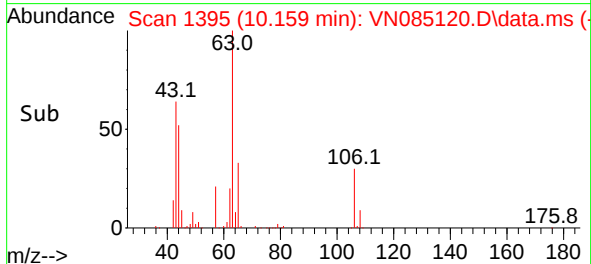
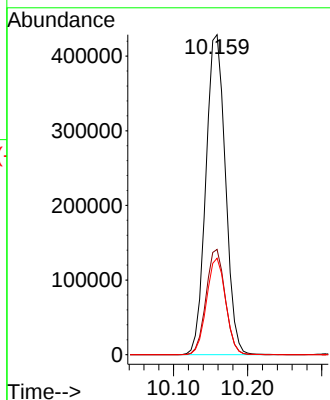
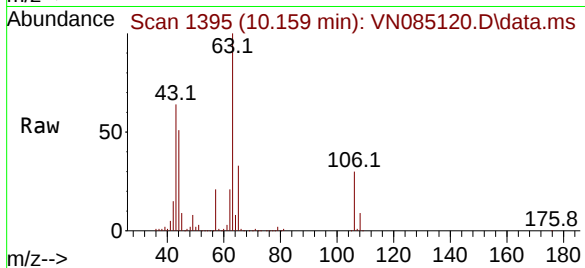




#55
2-Chloroethyl vinyl ether
Concen: 564.533 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

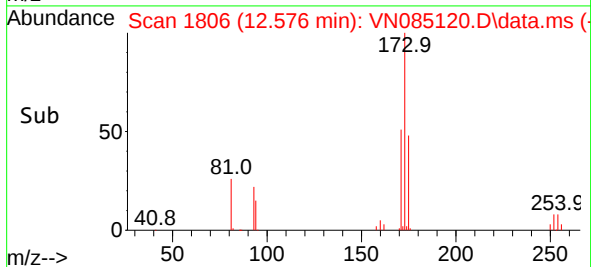
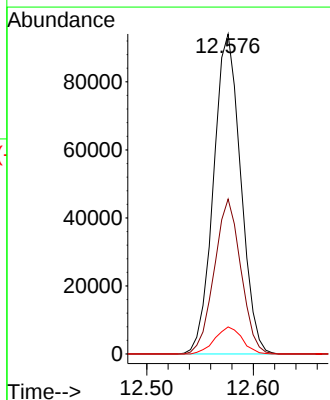
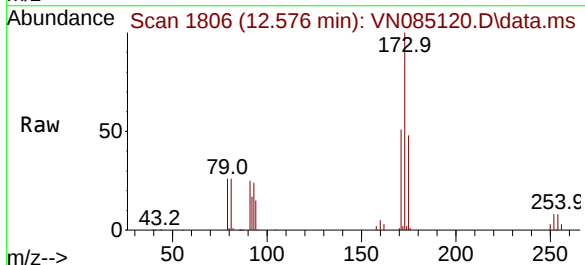
Instrument :
MSVOA_N
ClientSampleId :

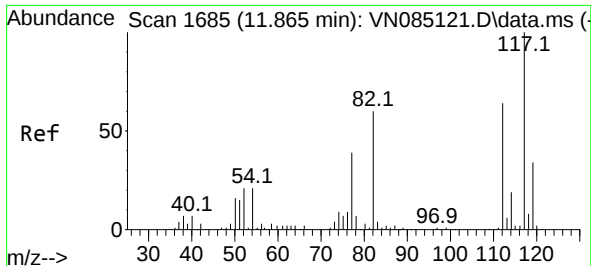
Tgt Ion: 63 Resp: 785193
Ion Ratio Lower Upper
63 100
65 32.2 25.9 38.9
106 29.6 23.5 35.3



#56
Bromoform
Concen: 103.616 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion: 173 Resp: 166661
Ion Ratio Lower Upper
173 100
175 47.4 40.2 60.2
254 8.5 6.2 9.4

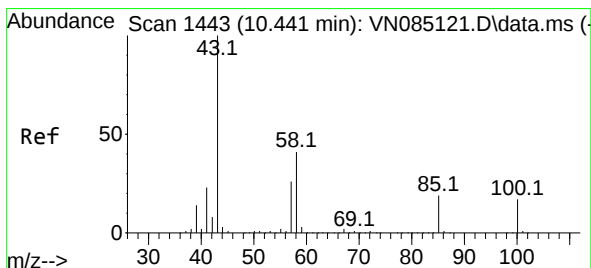
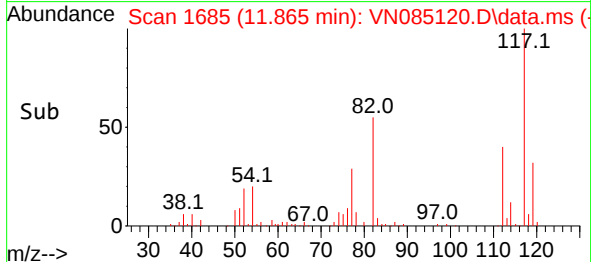
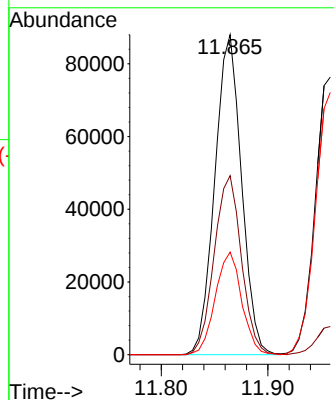
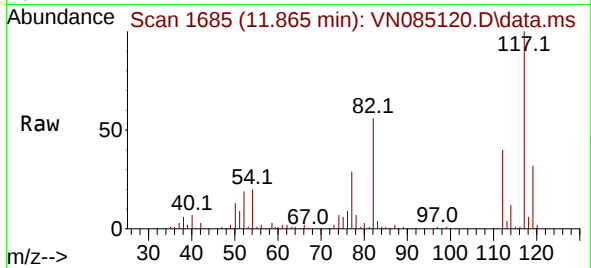




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

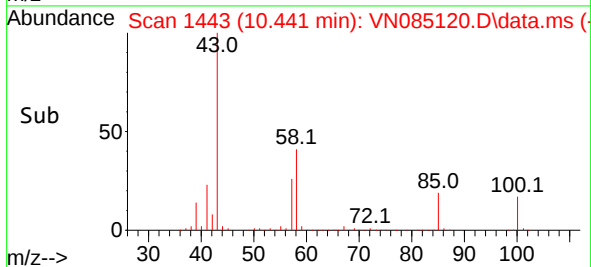
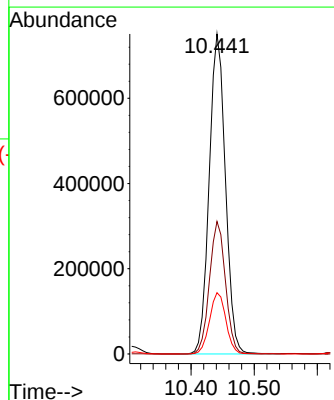
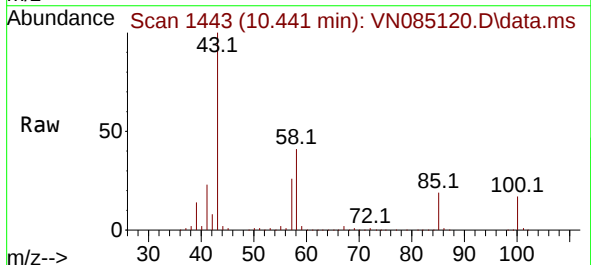
Instrument :
MSVOA_N
ClientSampleId :

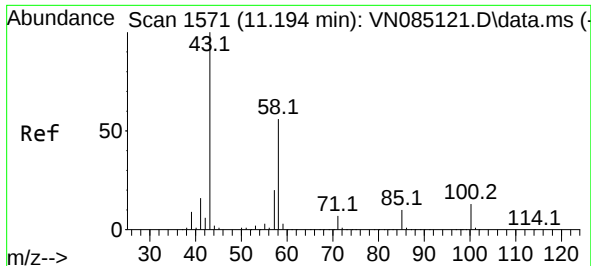
Tgt Ion:117 Resp: 153060
Ion Ratio Lower Upper
117 100
82 57.1 44.2 66.4
119 31.7 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 535.524 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion: 43 Resp: 1337734
Ion Ratio Lower Upper
43 100
58 40.9 31.6 47.4
85 19.3 15.0 22.6

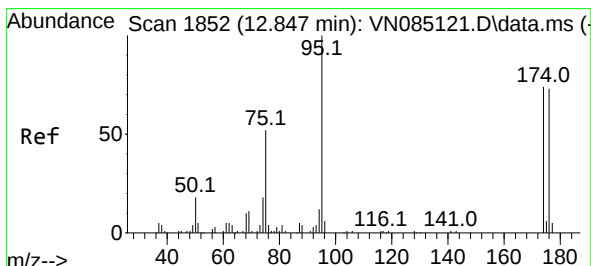
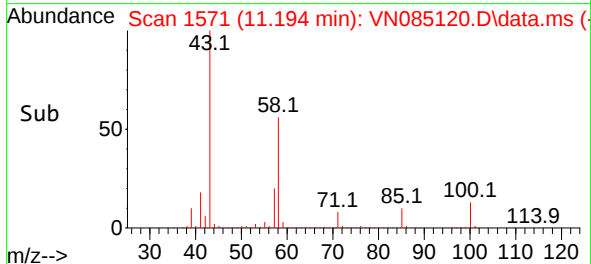
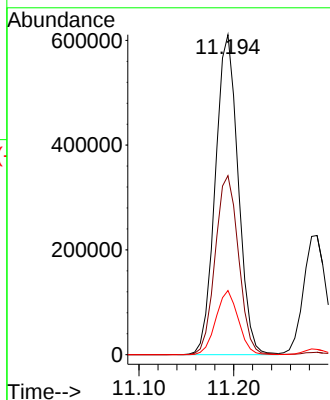
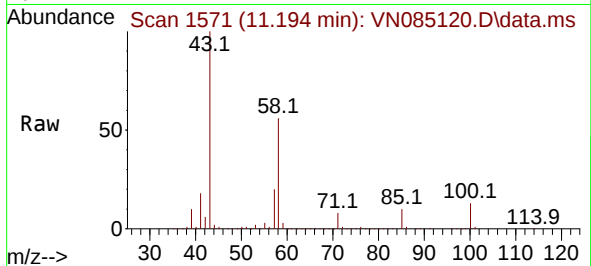




#59
2-Hexanone
Concen: 542.184 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

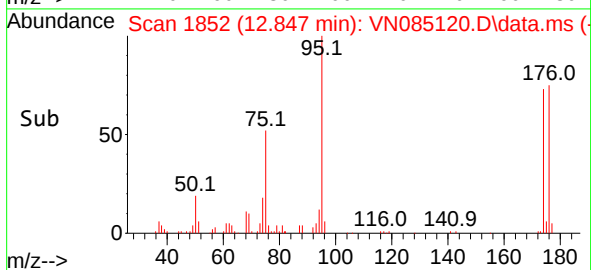
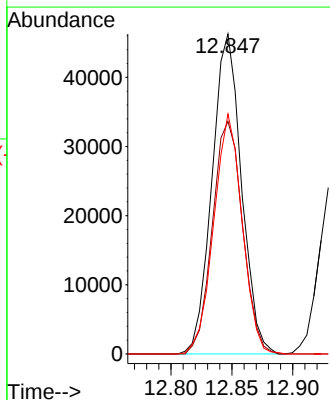
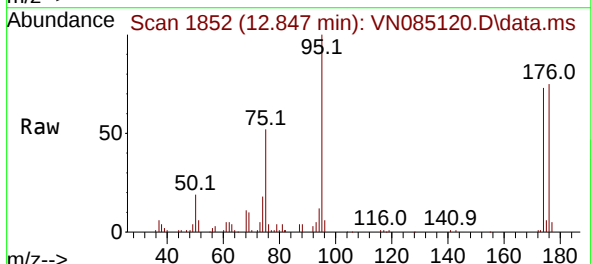
Instrument :
MSVOA_N
ClientSampleId :

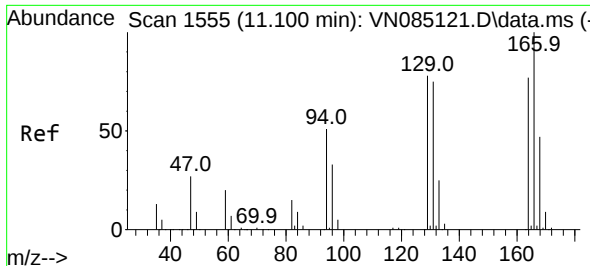
Tgt Ion: 43 Resp: 1026218
Ion Ratio Lower Upper
43 100
58 57.0 43.6 65.4
57 19.7 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 30.768 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

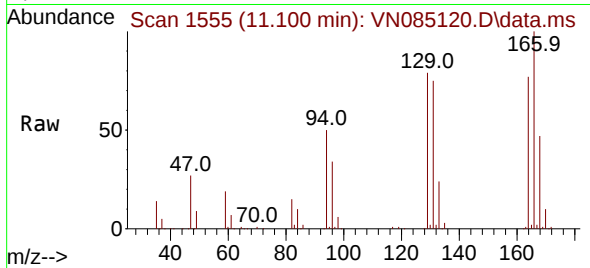
Tgt Ion: 95 Resp: 77922
Ion Ratio Lower Upper
95 100
174 74.3 60.3 90.5
176 72.3 57.4 86.0



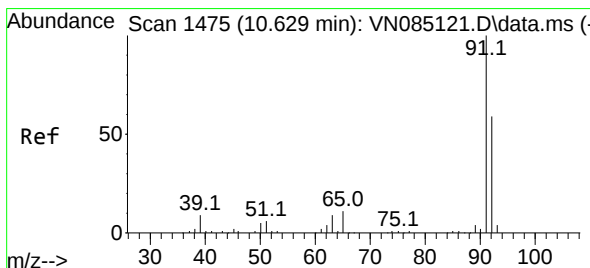
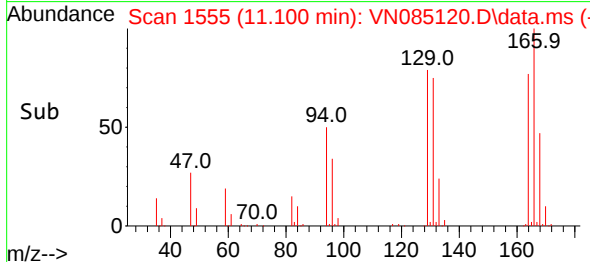
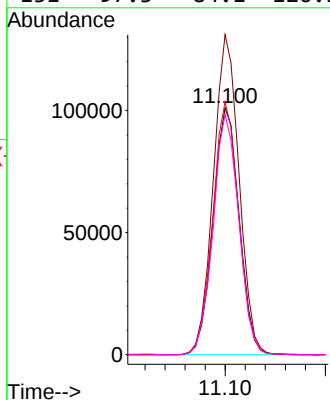


#61
Tetrachloroethene
Concen: 98.693 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Instrument :
MSVOA_N
ClientSampleId :

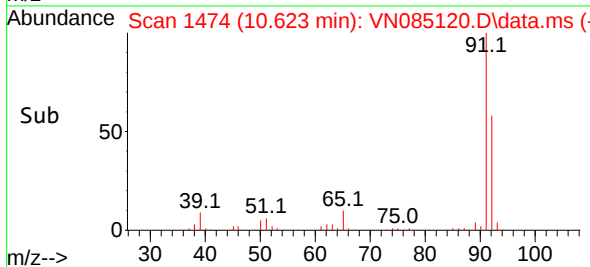
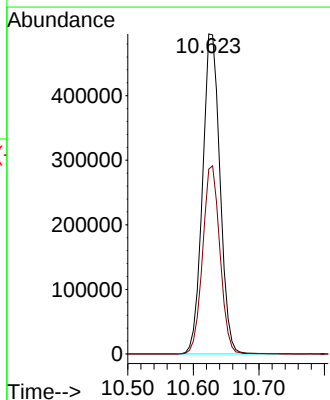
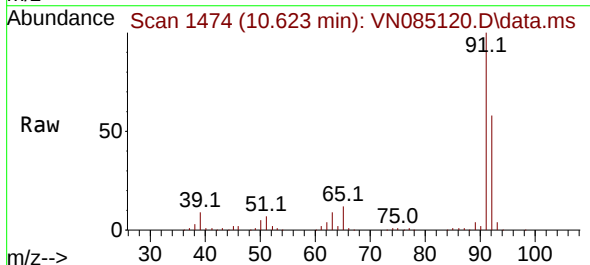


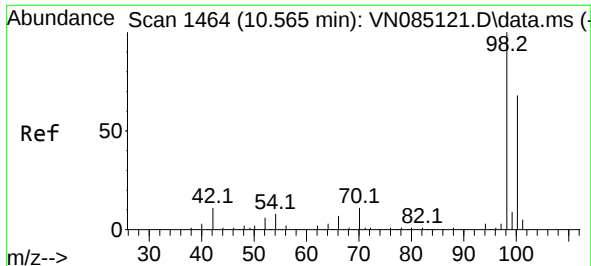
Tgt Ion:164 Resp: 182933
Ion Ratio Lower Upper
164 100
166 129.7 103.8 155.8
129 102.4 84.2 126.4
131 97.3 84.1 126.1



#62
Toluene
Concen: 102.798 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion: 91 Resp: 917622
Ion Ratio Lower Upper
91 100
92 58.2 46.5 69.7

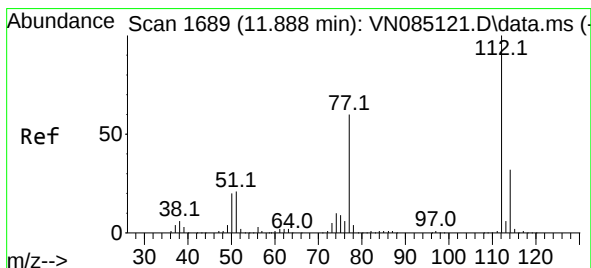
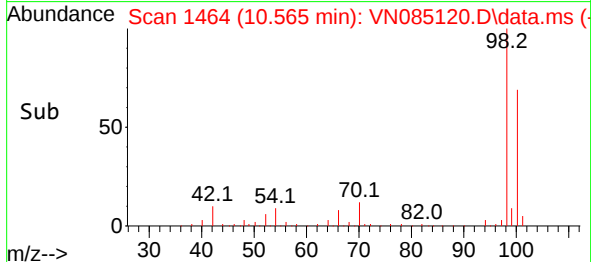
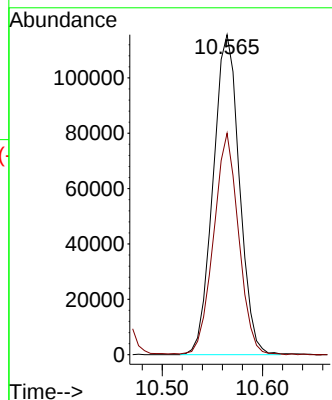
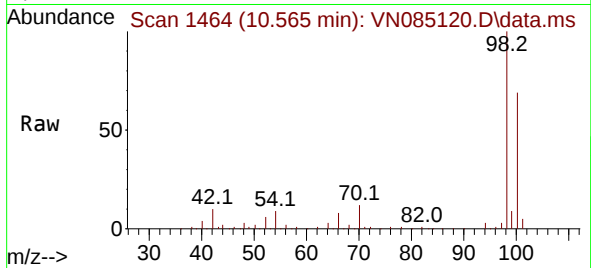




#63
Toluene-d8
Concen: 29.250 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

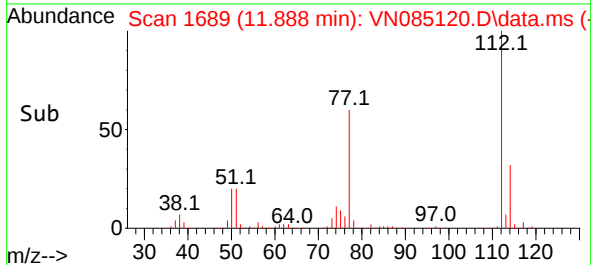
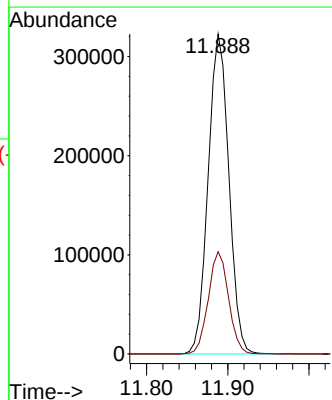
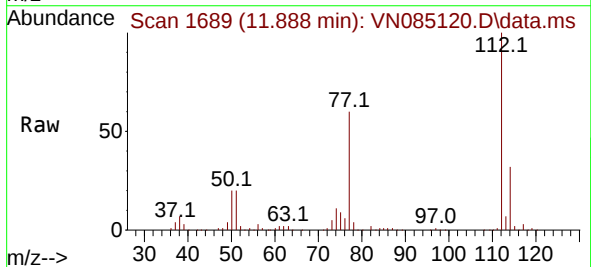
Instrument :
MSVOA_N
ClientSampleId :

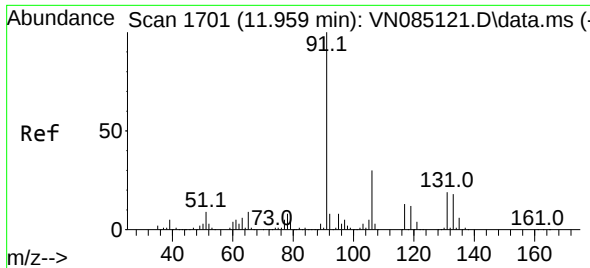
Tgt Ion: 98 Resp: 210008
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0



#64
Chlorobenzene
Concen: 103.744 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion: 112 Resp: 571760
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0

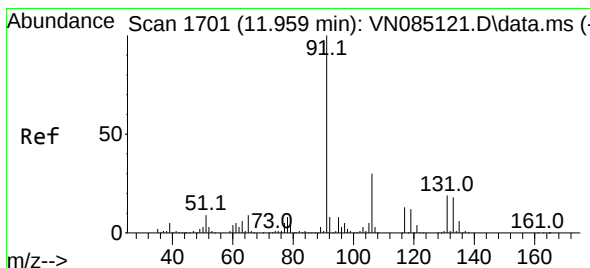
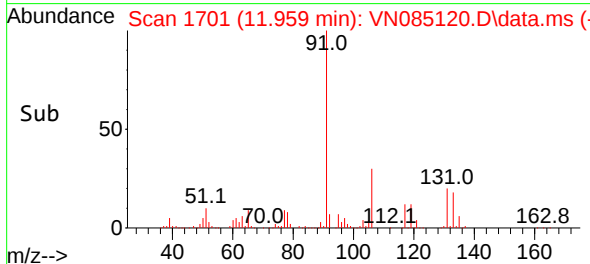
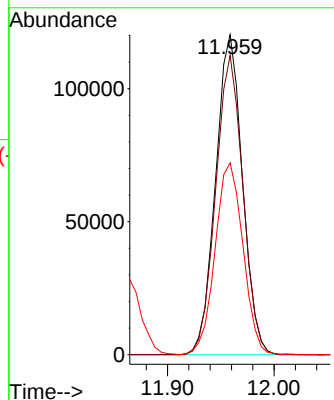
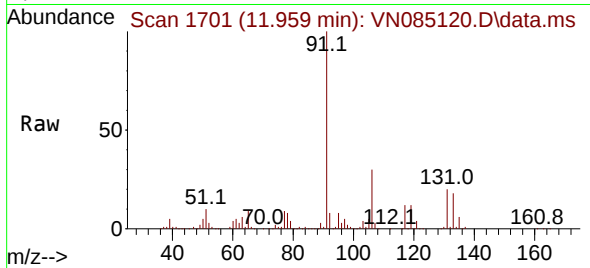




#65
 1,1,1,2-Tetrachloroethane
 Concen: 102.429 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN085120.D
 Acq: 06 Dec 2024 11:13

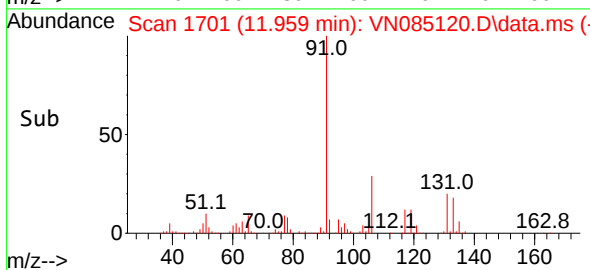
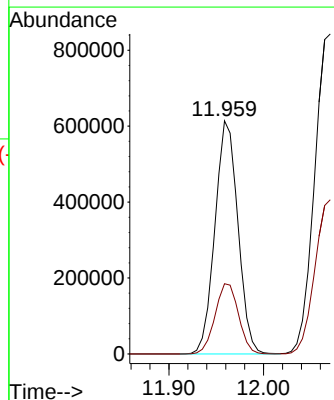
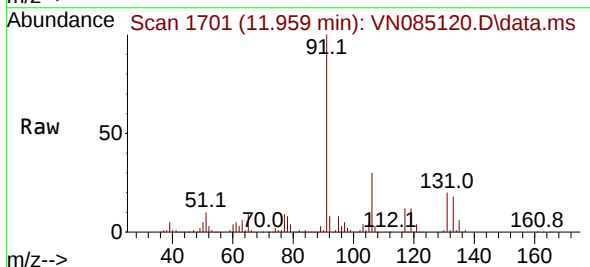
Instrument :
 MSVOA_N
 ClientSampleId :

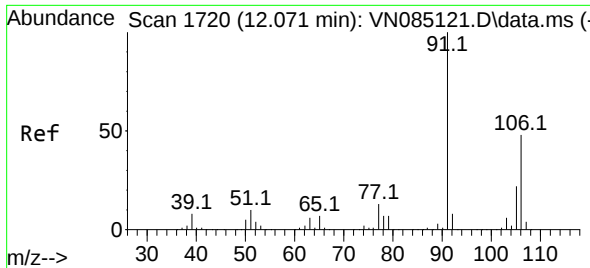
Tgt Ion:131	Resp:	210736
Ion	Ratio	Lower Upper
131	100	
133	94.6	0.0 194.0
119	62.2	0.0 131.8



#66
 Ethyl Benzene
 Concen: 109.440 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.006 min
 Lab File: VN085120.D
 Acq: 06 Dec 2024 11:13

Tgt Ion: 91	Resp:	1036629
Ion	Ratio	Lower Upper
91	100	
106	30.1	23.1 34.7

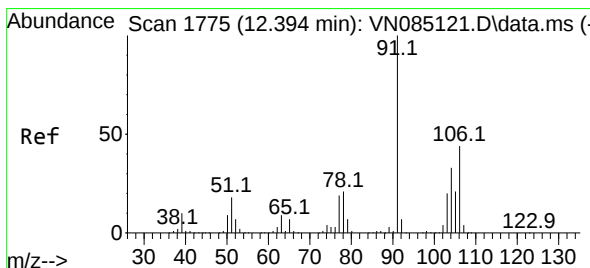
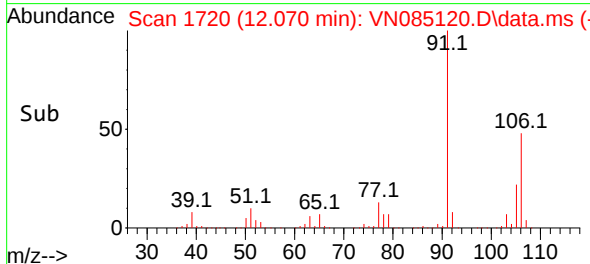
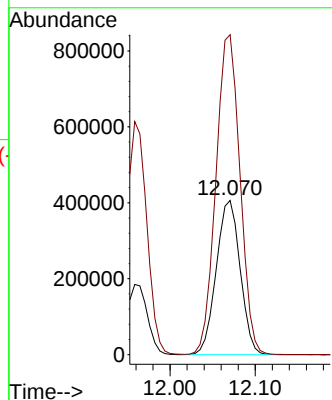
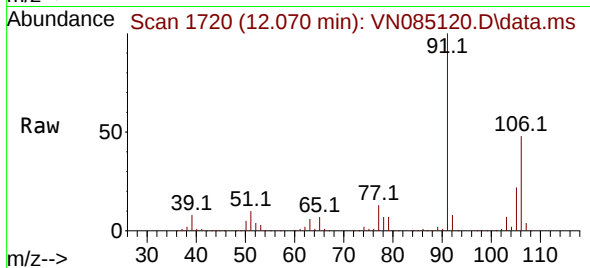




#67
m/p-Xylenes
Concen: 217.173 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

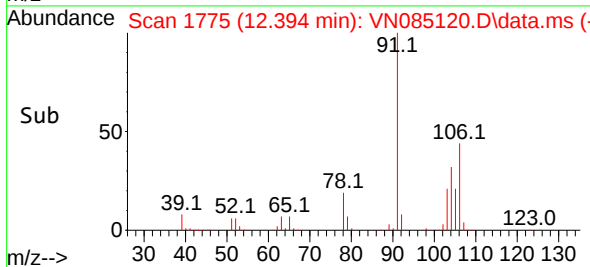
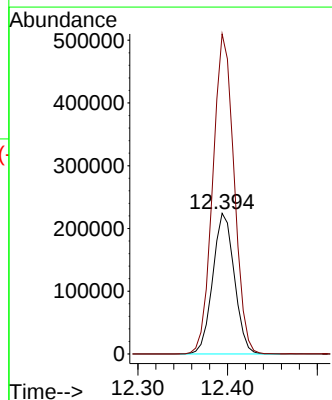
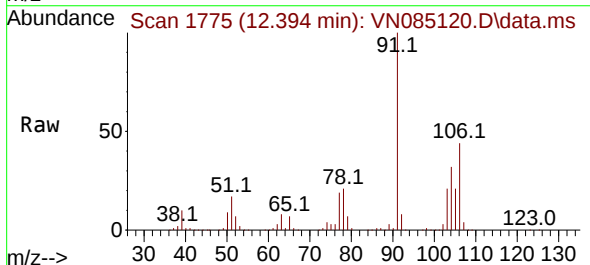
Instrument :
MSVOA_N
ClientSampleId :

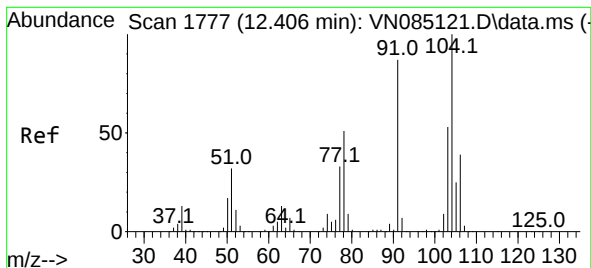
Tgt Ion:106 Resp: 791201
Ion Ratio Lower Upper
106 100
91 209.3 165.0 247.4



#68
o-Xylene
Concen: 109.449 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion:106 Resp: 374478
Ion Ratio Lower Upper
106 100
91 224.3 112.1 336.4





#69

Styrene

Concen: 111.644 ug/l

RT: 12.406 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN085120.D

Acq: 06 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

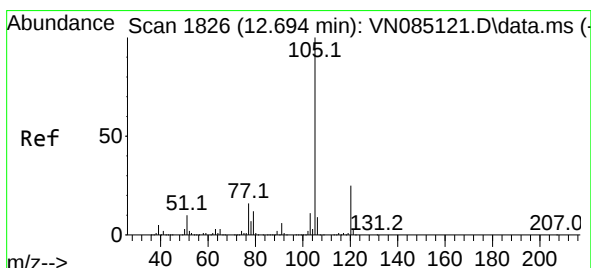
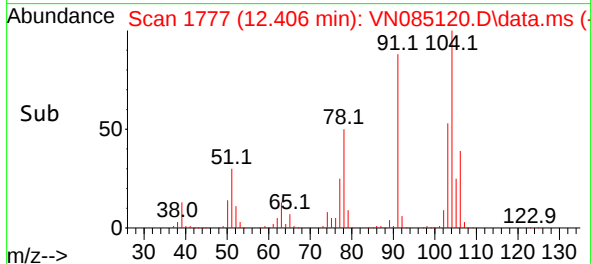
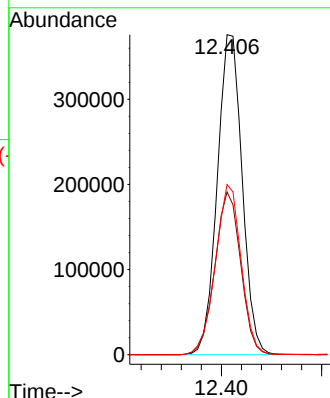
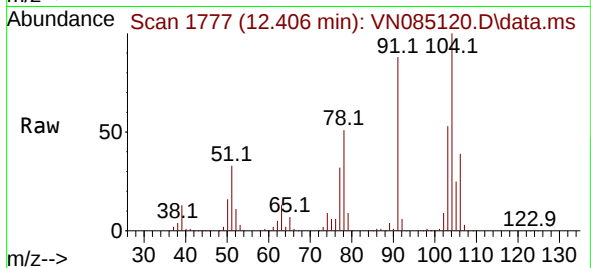
Tgt Ion:104 Resp: 648187

Ion Ratio Lower Upper

104 100

78 52.9 42.3 63.5

103 54.8 44.4 66.6



#70

Isopropylbenzene

Concen: 111.721 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085120.D

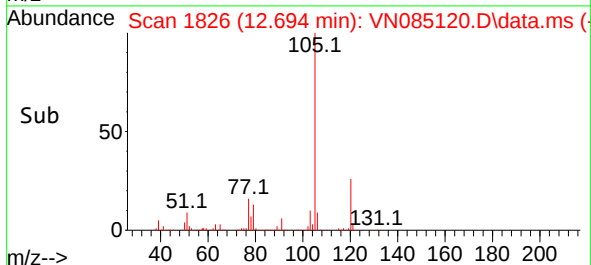
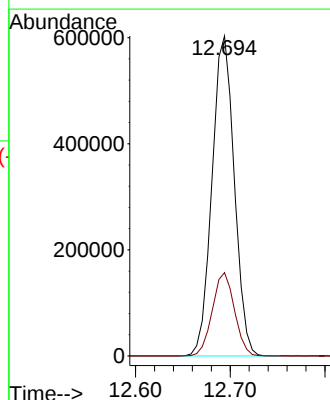
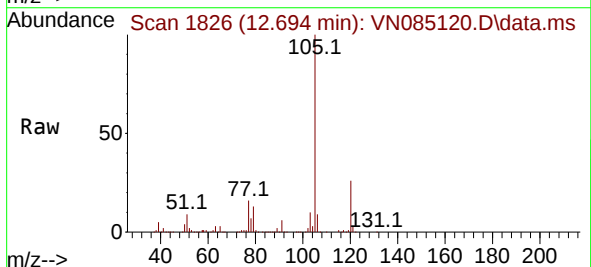
Acq: 06 Dec 2024 11:13

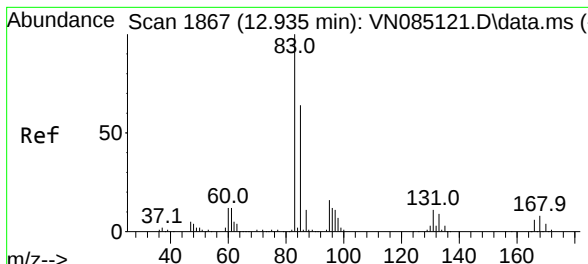
Tgt Ion:105 Resp: 985915

Ion Ratio Lower Upper

105 100

120 25.9 18.3 33.9



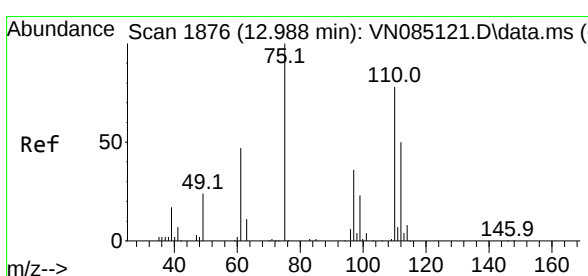
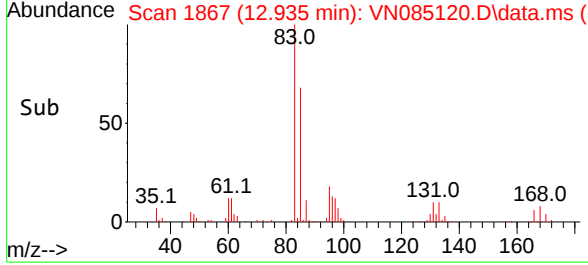
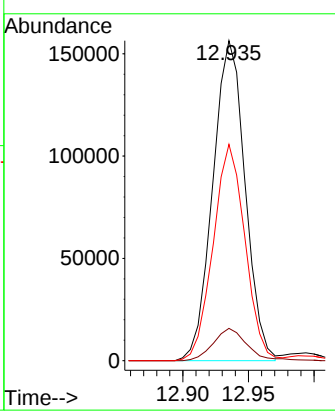
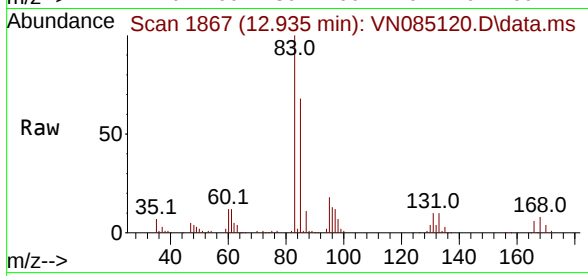


#71
 1,1,2,2-Tetrachloroethane
 Concen: 99.877 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN085120.D
 Acq: 06 Dec 2024 11:13

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 83 Resp: 268272

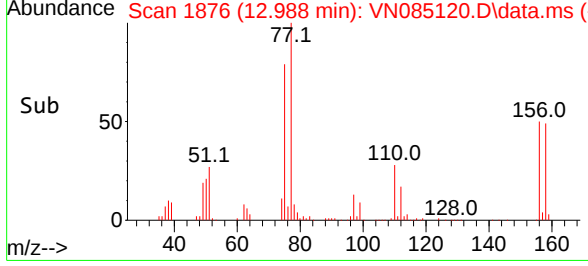
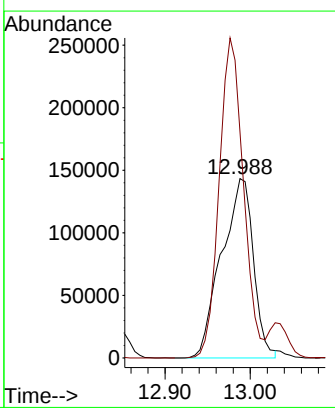
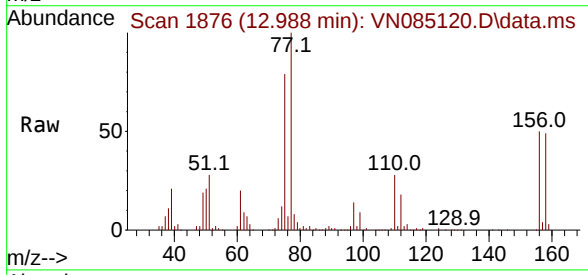
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.1	15.3
85	66.6	31.1	93.5

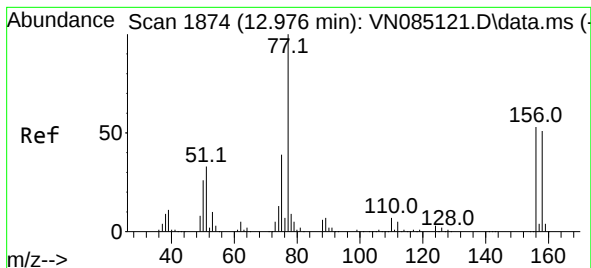


#72
 1,2,3-Trichloropropane
 Concen: 140.036 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VN085120.D
 Acq: 06 Dec 2024 11:13

Tgt Ion: 75 Resp: 371562

Ion	Ratio	Lower	Upper
75	100		
77	136.9	0.0	339.0





#73

Bromobenzene

Concen: 106.648 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN085120.D

Acq: 06 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

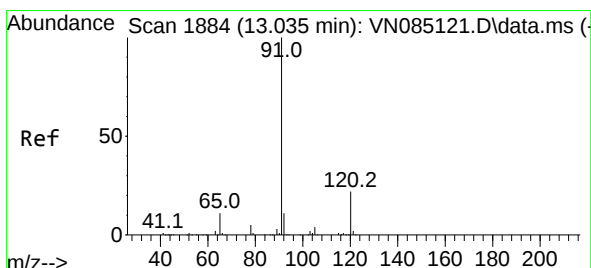
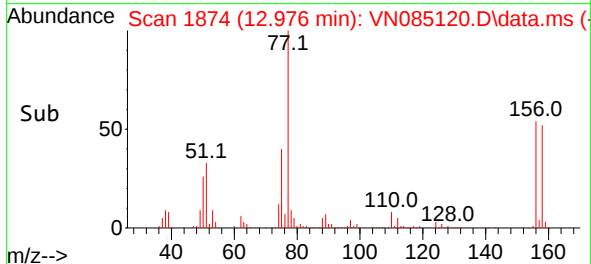
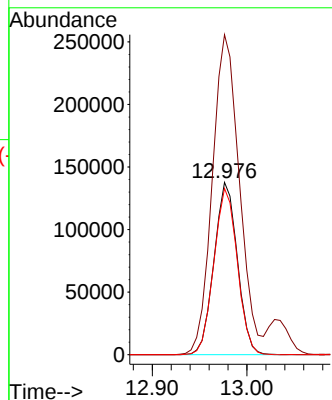
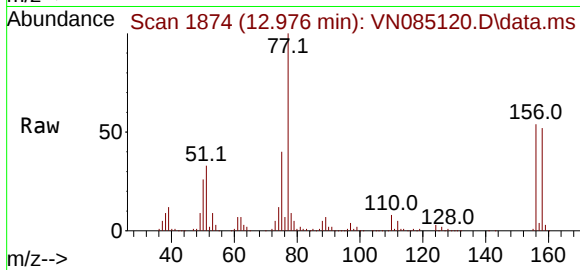
Tgt Ion:156 Resp: 235738

Ion Ratio Lower Upper

156 100

77 215.8 0.0 430.4

158 97.0 0.0 195.2



#74

n-propylbenzene

Concen: 109.952 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN085120.D

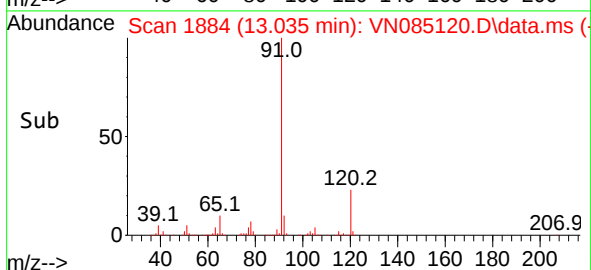
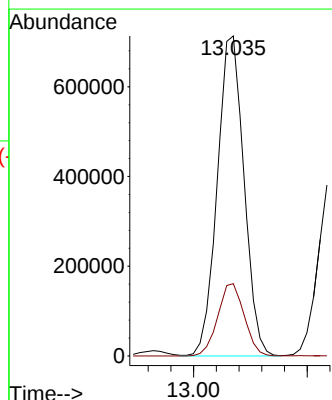
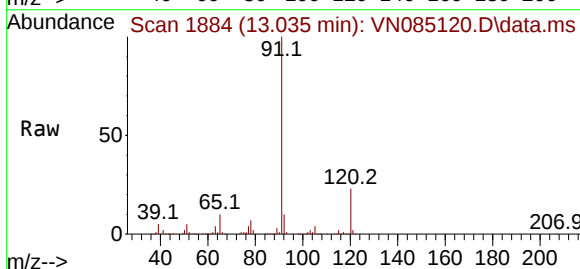
Acq: 06 Dec 2024 11:13

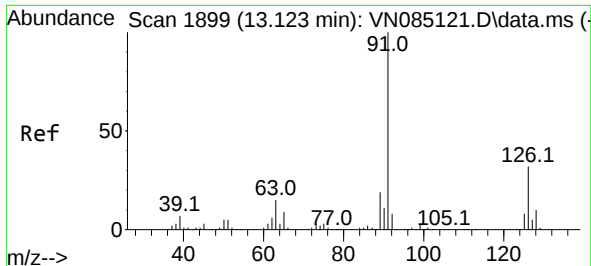
Tgt Ion: 91 Resp: 1166509

Ion Ratio Lower Upper

91 100

120 22.3 0.0 44.0

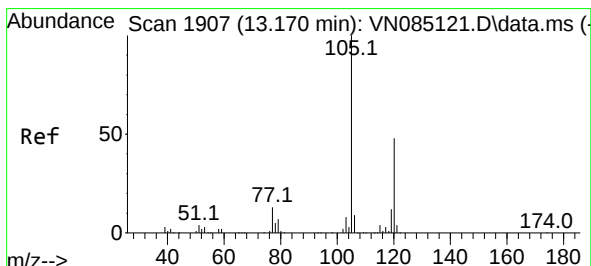
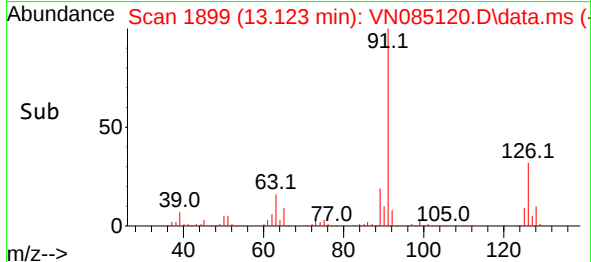
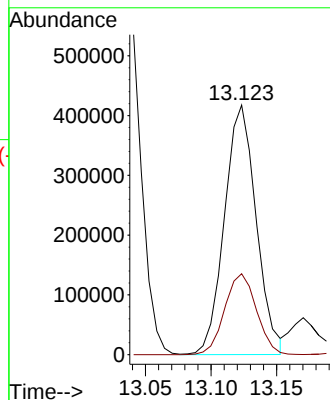
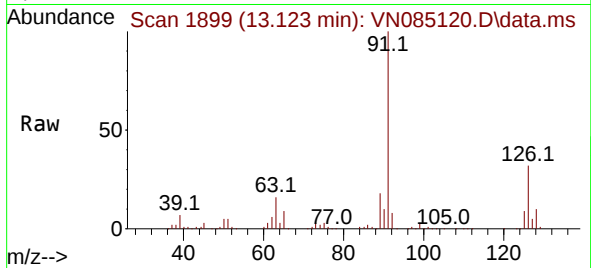




#75
2-Chlorotoluene
Concen: 107.179 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

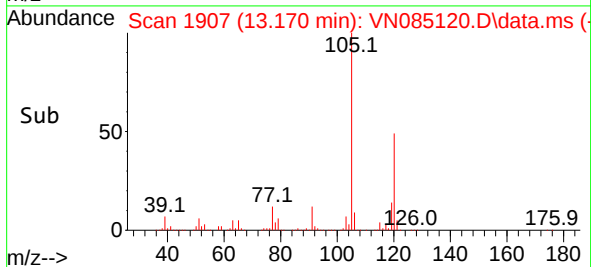
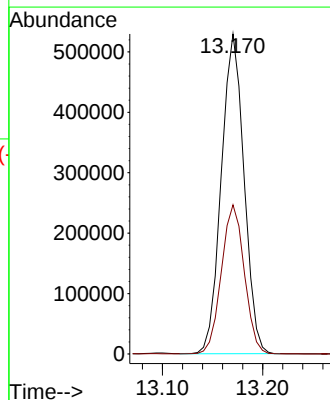
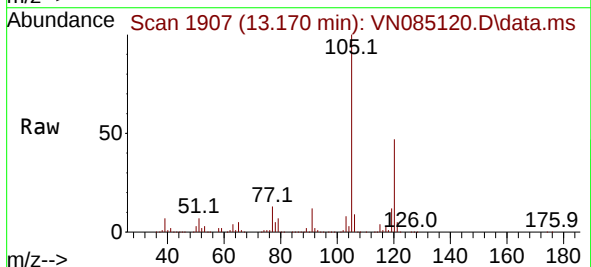
Instrument :
MSVOA_N
ClientSampleId :

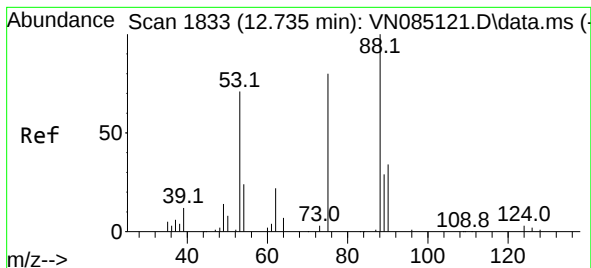
Tgt Ion: 91 Resp: 703050
Ion Ratio Lower Upper
91 100
126 32.5 0.0 64.2



#76
1,3,5-Trimethylbenzene
Concen: 110.018 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion:105 Resp: 831794
Ion Ratio Lower Upper
105 100
120 47.0 0.0 94.4

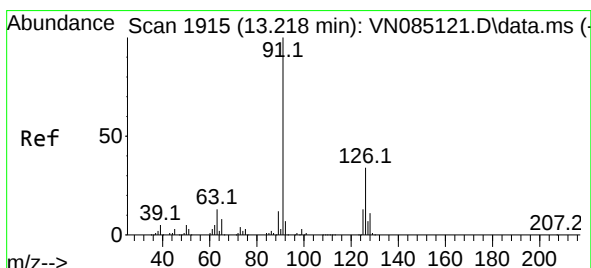
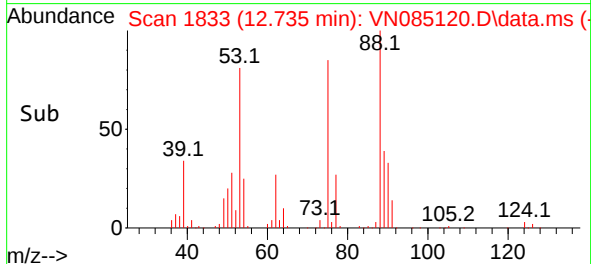
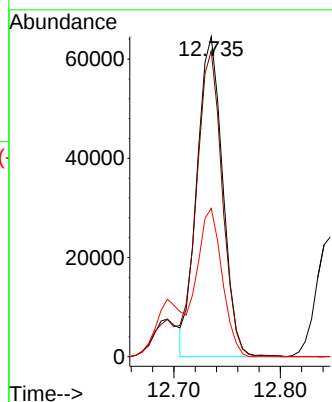
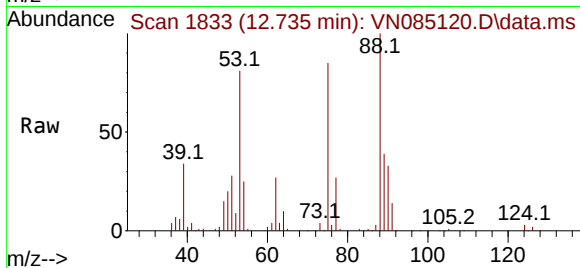




#77
t-1,4-Dichloro-2-butene
Concen: 111.976 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

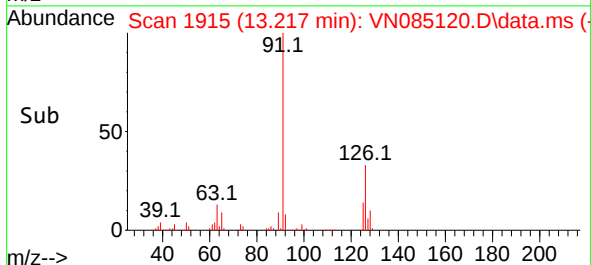
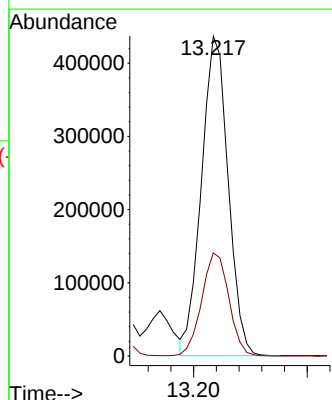
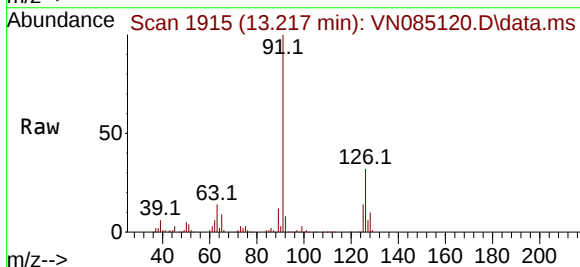
Instrument :
MSVOA_N
ClientSampleId :

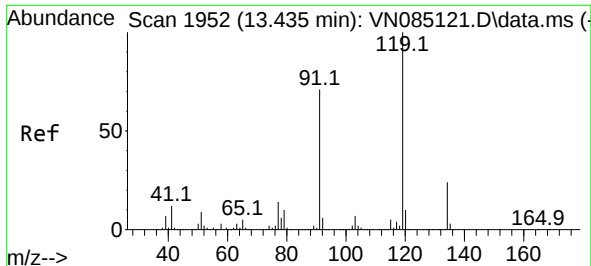
Tgt Ion: 75 Resp: 107962
Ion Ratio Lower Upper
75 100
53 95.2 49.1 147.3
89 46.3 22.9 68.5



#78
4-Chlorotoluene
Concen: 107.197 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion: 91 Resp: 713716
Ion Ratio Lower Upper
91 100
126 32.7 0.0 64.4

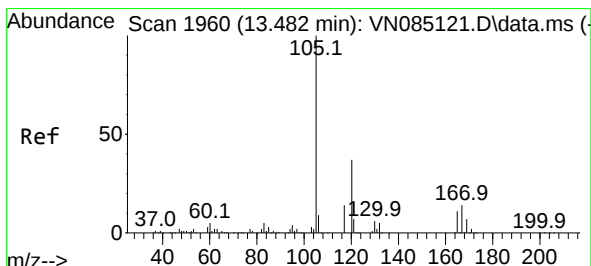
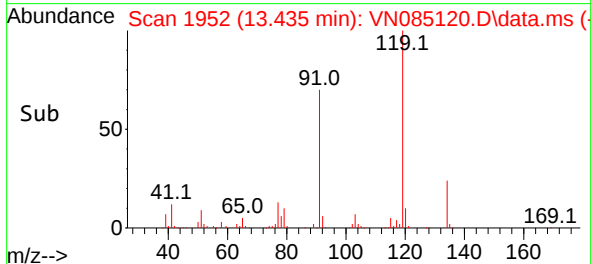
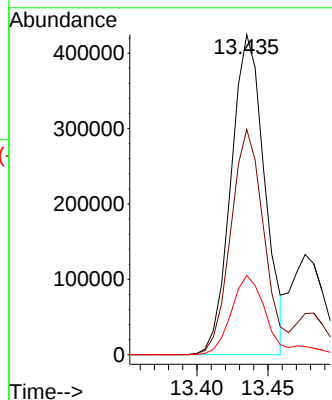
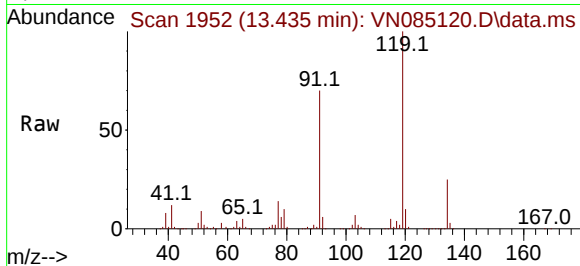




#79
tert-butylbenzene
Concen: 112.381 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

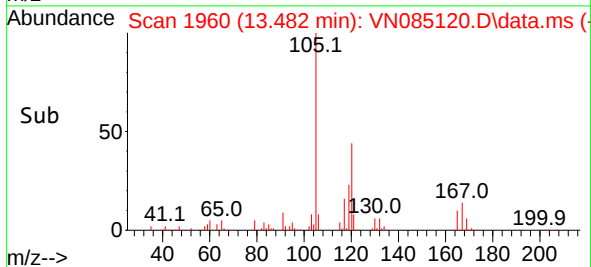
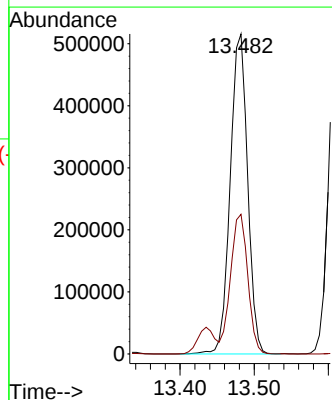
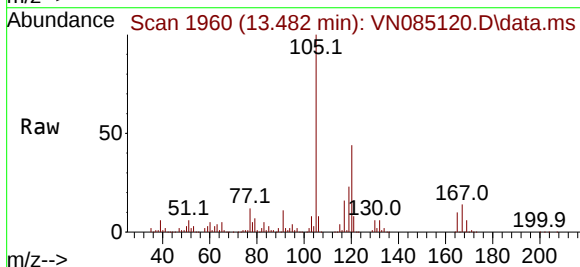
Instrument :
MSVOA_N
ClientSampleId :

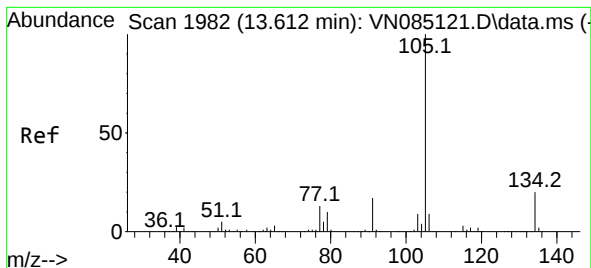
Tgt Ion:119 Resp: 697873
Ion Ratio Lower Upper
119 100
91 69.9 0.0 139.2
134 24.6 0.0 48.0



#80
1,2,4-Trimethylbenzene
Concen: 112.327 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion:105 Resp: 838873
Ion Ratio Lower Upper
105 100
120 43.3 0.0 87.4





#81

sec-Butylbenzene

Concen: 111.460 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN085120.D

Acq: 06 Dec 2024 11:13

Instrument :

MSVOA_N

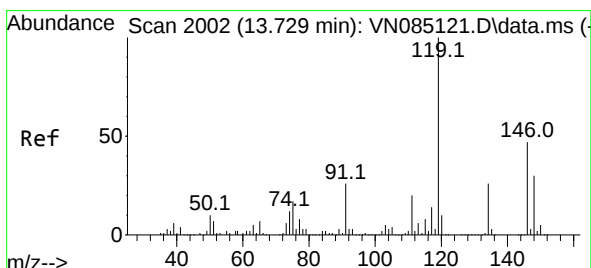
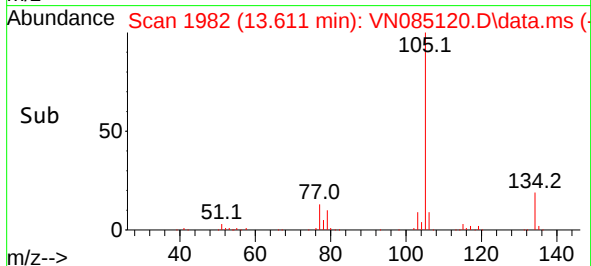
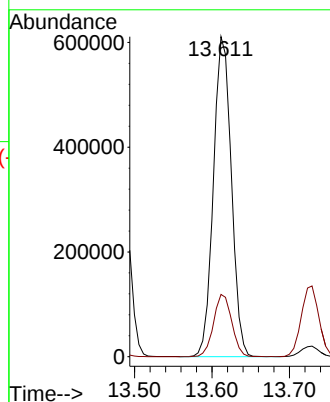
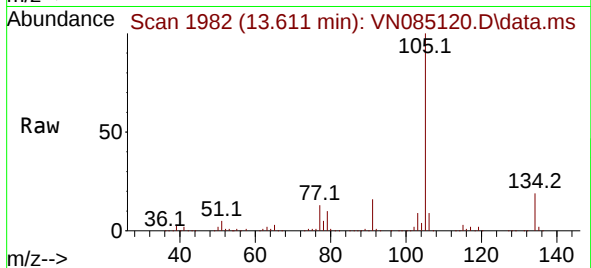
ClientSampleId :

Tgt Ion:105 Resp: 983338

Ion Ratio Lower Upper

105 100

134 19.7 0.0 38.0



#82

p-Isopropyltoluene

Concen: 113.406 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN085120.D

Acq: 06 Dec 2024 11:13

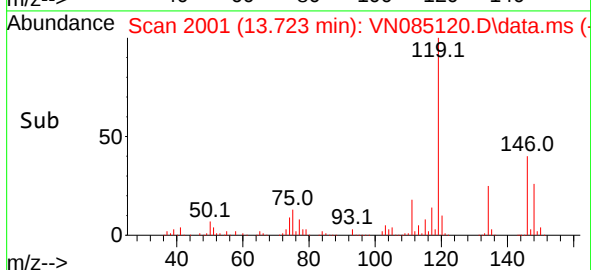
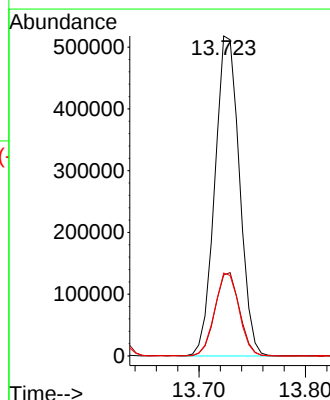
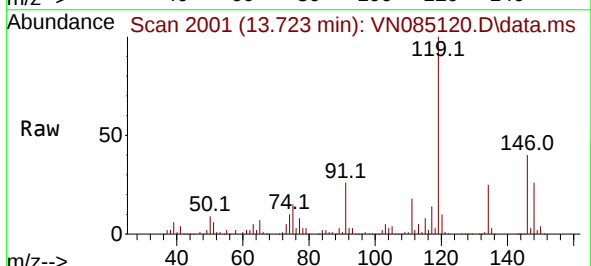
Tgt Ion:119 Resp: 829472

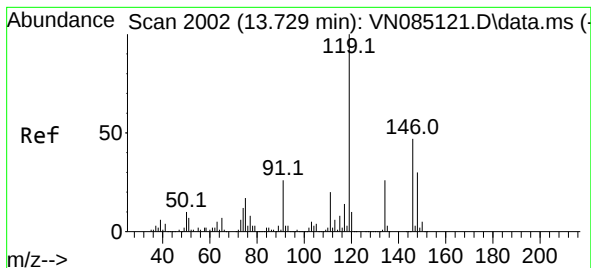
Ion Ratio Lower Upper

119 100

134 25.8 0.0 51.6

91 25.7 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 105.881 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085120.D

Acq: 06 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

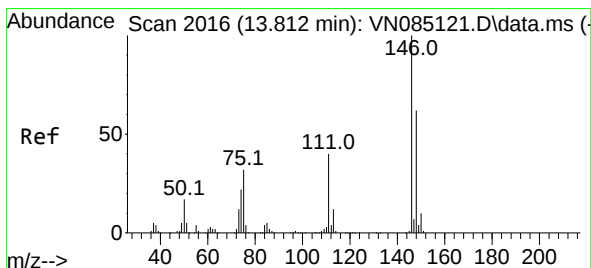
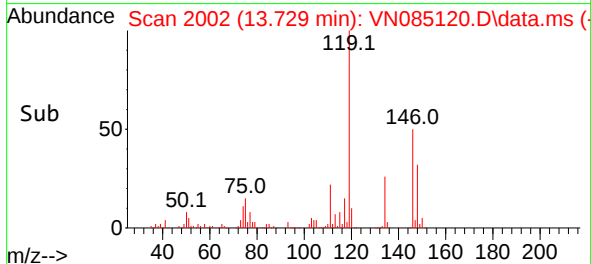
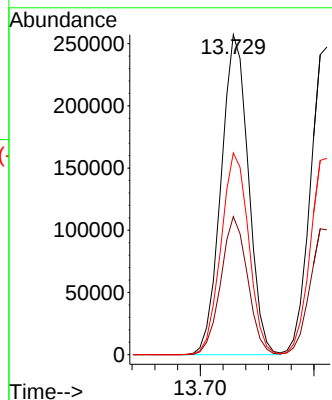
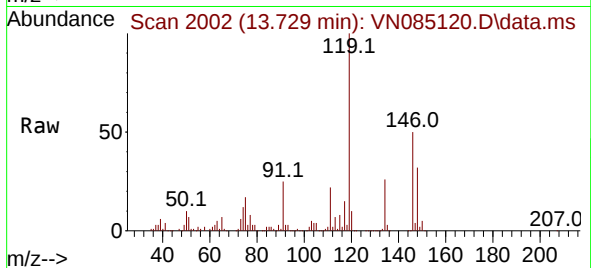
Tgt Ion:146 Resp: 429389

Ion Ratio Lower Upper

146 100

111 42.1 21.1 63.3

148 64.0 31.8 95.3



#84

1,4-Dichlorobenzene

Concen: 107.060 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN085120.D

Acq: 06 Dec 2024 11:13

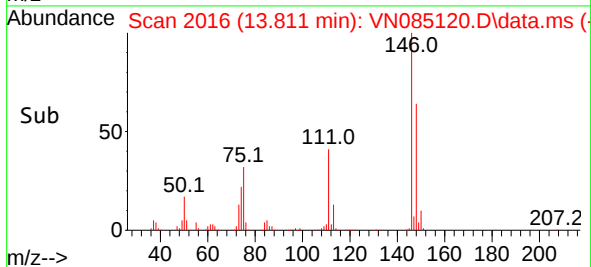
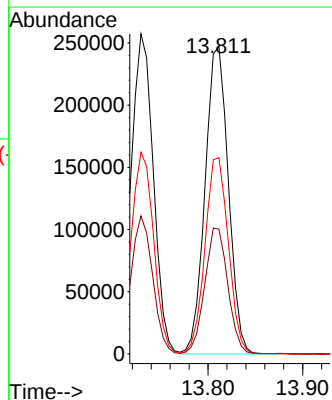
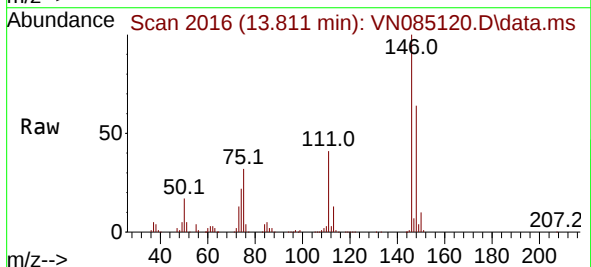
Tgt Ion:146 Resp: 423137

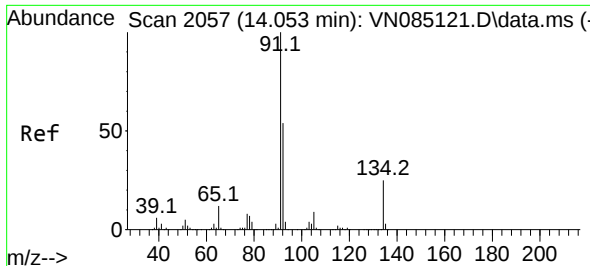
Ion Ratio Lower Upper

146 100

111 40.6 20.1 60.3

148 64.2 31.6 94.7

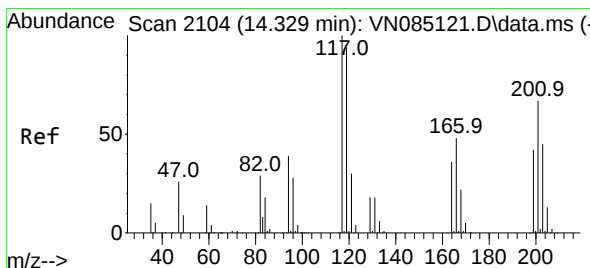
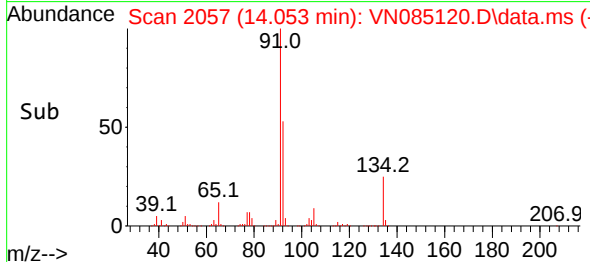
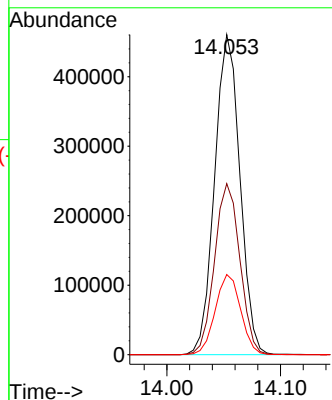
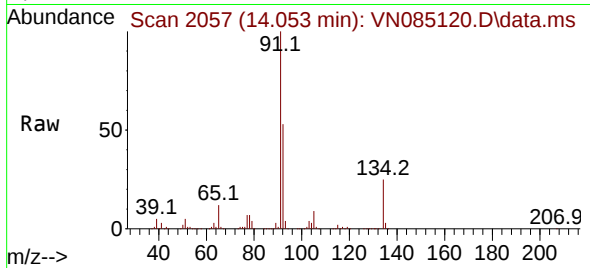




#85
n-Butylbenzene
Concen: 116.298 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

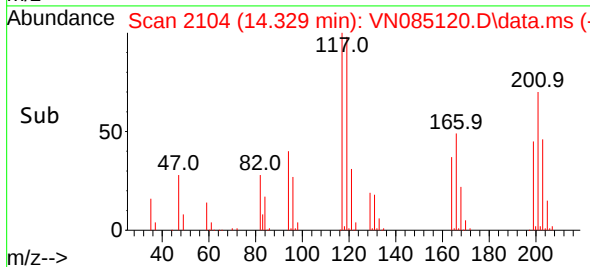
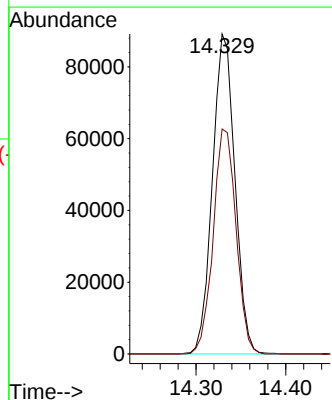
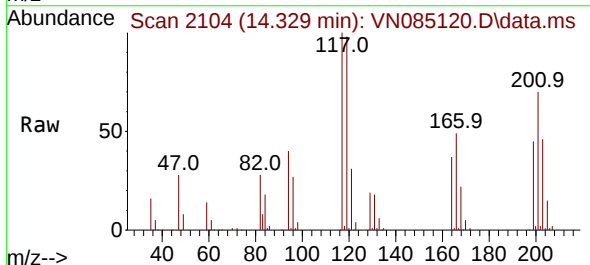
Instrument :
MSVOA_N
ClientSampleId :

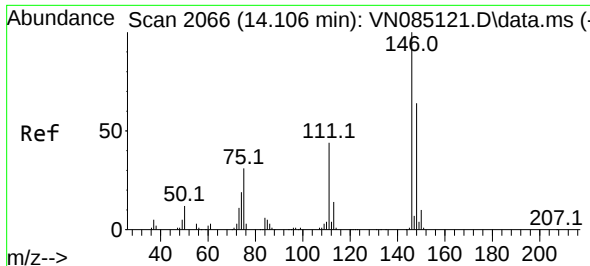
Tgt Ion: 91 Resp: 713519
Ion Ratio Lower Upper
91 100
92 53.5 0.0 104.0
134 25.2 0.0 49.2



#86
Hexachloroethane
Concen: 106.440 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion: 117 Resp: 154986
Ion Ratio Lower Upper
117 100
201 71.5 34.1 102.3

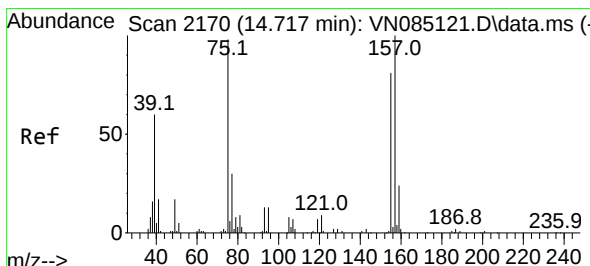
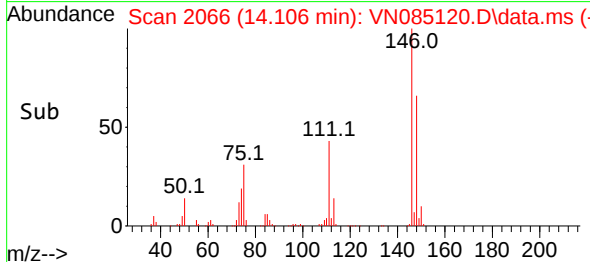
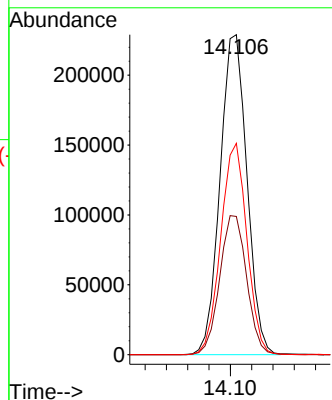
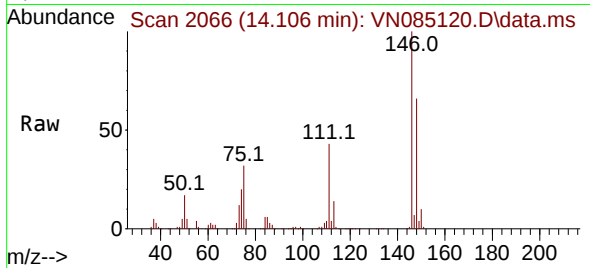




#87
1,2-Dichlorobenzene
Concen: 104.836 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

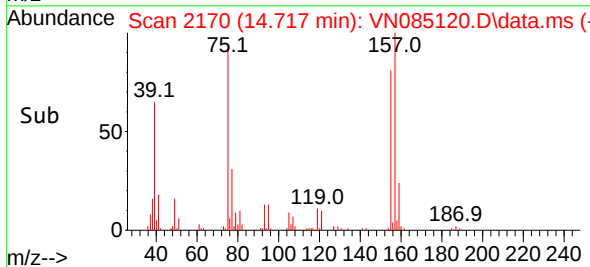
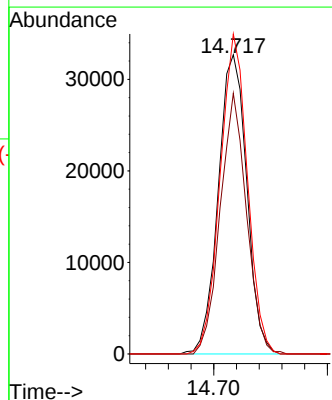
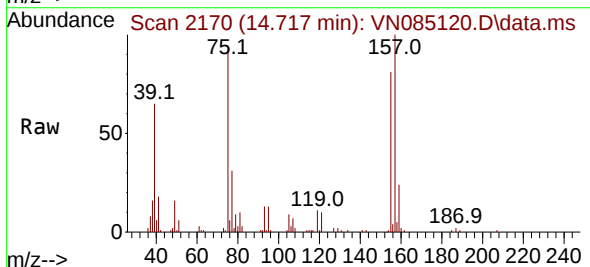
Instrument :
MSVOA_N
ClientSampleId :

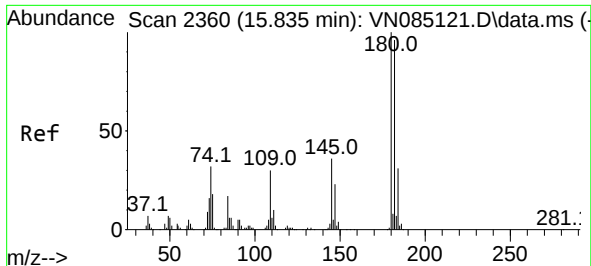
Tgt Ion:146 Resp: 401301
Ion Ratio Lower Upper
146 100
111 43.6 21.9 65.7
148 64.3 32.4 97.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 106.118 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion: 75 Resp: 56942
Ion Ratio Lower Upper
75 100
155 80.4 62.1 93.1
157 102.3 79.3 118.9

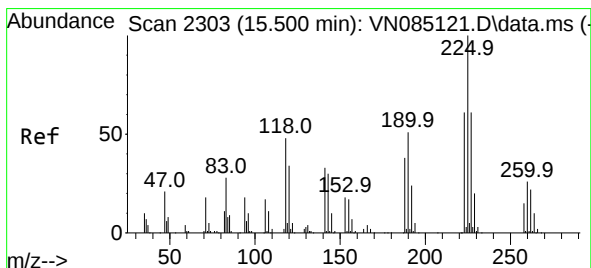
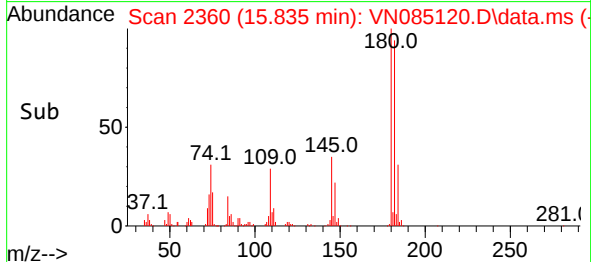
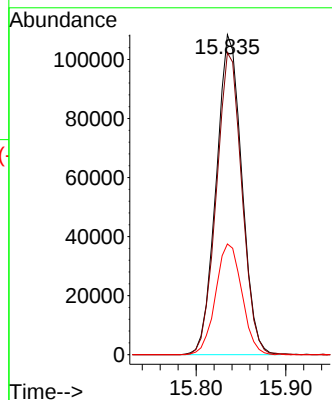
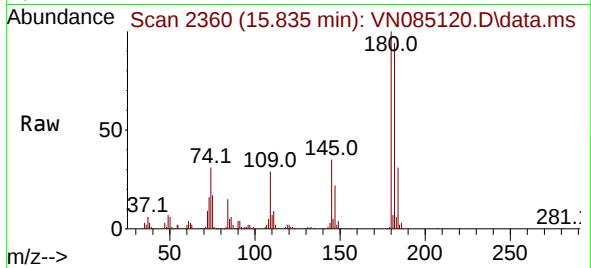




#89
1,2,4-Trichlorobenzene
Concen: 114.647 ug/l
RT: 15.835 min Scan# 214927
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

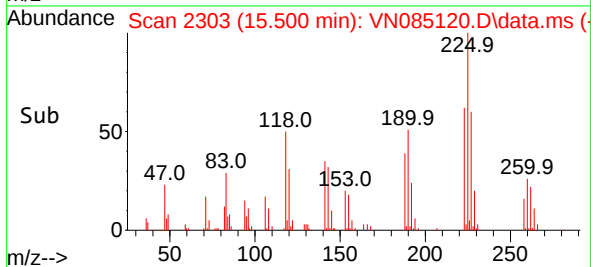
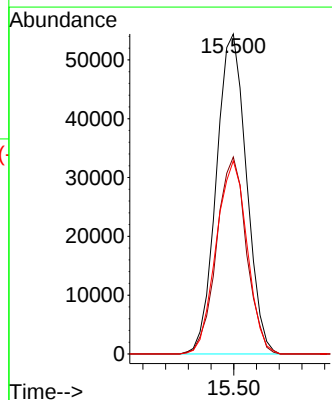
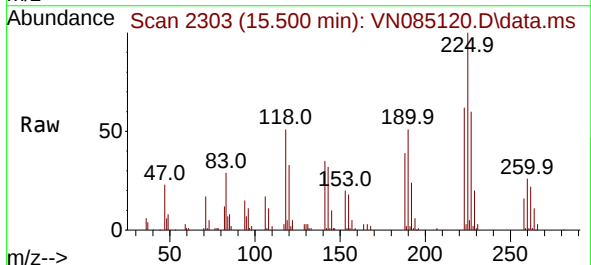
Instrument :
MSVOA_N
ClientSampleId :

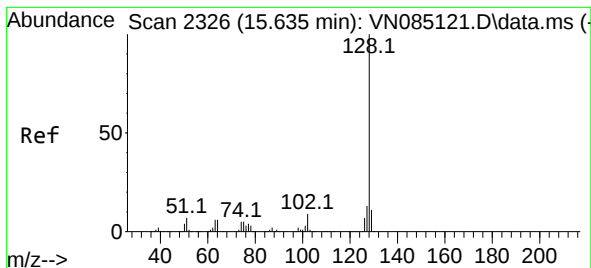
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	74.0	111.0
145	35.4	28.6	43.0



#90
Hexachlorobutadiene
Concen: 102.912 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN085120.D
Acq: 06 Dec 2024 11:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	0.0	121.8
227	61.9	0.0	126.8





#91

Naphthalene

Concen: 123.516 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN085120.D

Acq: 06 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

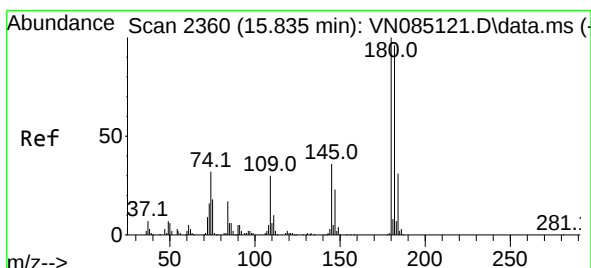
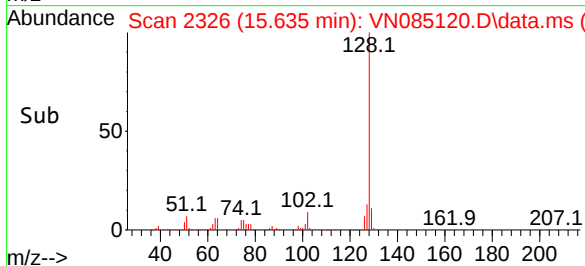
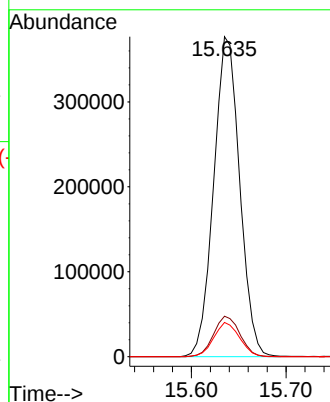
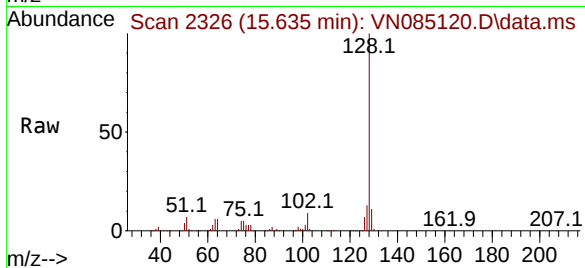
Tgt Ion:128 Resp: 719387

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 10.6 8.7 13.1



#92

1,2,3-Trichlorobenzene

Concen: 114.647 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085120.D

Acq: 06 Dec 2024 11:13

Tgt Ion:180 Resp: 214927

Ion Ratio Lower Upper

180 100

182 94.0 0.0 185.0

145 35.4 0.0 71.6

