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 Data File : VN085207.D
 Acq On : 16 Dec 2024 09:42
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020

Quant Time: Dec 16 12:21:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 06 22:50:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	33412	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	185962	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	170233	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80133	30.226	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.767%	
60) 4-Bromofluorobenzene	12.847	95	82875	29.423	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.067%	
63) Toluene-d8	10.565	98	235545	29.497	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 98.333%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	56261	21.047	ug/l	99
3) Chloromethane	2.359	50	49600	20.963	ug/l	97
4) Vinyl Chloride	2.512	62	50136	20.717	ug/l	97
5) Bromomethane	2.965	94	31223	20.321	ug/l	96
6) Chloroethane	3.124	64	32014	21.532	ug/l	92
7) Trichlorofluoromethane	3.506	101	82951	20.940	ug/l	100
8) Diethyl Ether	3.959	74	25301	20.165	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	44657	20.159	ug/l	99
10) 1,1-Dichloroethene	4.342	96	41142	20.219	ug/l	99
11) Methyl Iodide	4.595	142	48050	17.027	ug/l	96
12) Methyl Acetate	5.018	43	46842	19.513	ug/l	98
13) Acrolein	4.177	56	26169	75.017	ug/l	96
14) Acrylonitrile	5.712	53	94996	95.305	ug/l	98
15) Acetone	4.424	58	28736	106.386	ug/l	96
16) Carbon Disulfide	4.706	76	122618	20.161	ug/l	99
17) Allyl chloride	5.024	41	59479	20.428	ug/l	91
18) Methylene Chloride	5.277	84	45057	19.515	ug/l	94
19) trans-1,2-Dichloroethene	5.783	96	42471	20.081	ug/l	92
20) Diisopropyl ether	6.665	45	131789	20.625	ug/l	96
21) 1,1-Dichloroethane	6.565	63	79692	20.207	ug/l #	96
22) cis-1,2-Dichloroethene	7.477	96	49862	20.511	ug/l	99
23) tert-Butyl Alcohol	5.518	59	32619	91.223	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	130198	20.480	ug/l #	75
25) Chloroform	7.959	83	84820	20.530	ug/l	93
26) Cyclohexane	8.253	56	65168	20.069	ug/l #	95
29) 1,1-Dichloropropene	8.365	75	57776	19.254	ug/l	99
30) 2-Butanone	7.477	43	130116	94.489	ug/l	98
31) 2,2-Dichloropropane	7.488	77	76289	19.826	ug/l #	100
32) 1,1,1-Trichloroethane	8.165	97	78244	19.264	ug/l	98
33) Carbon Tetrachloride	8.359	117	69225	18.888	ug/l	99
34) Benzene	8.600	78	181426	19.246	ug/l #	94
35) Methacrylonitrile	7.771	41	28129	18.152	ug/l	96
36) 1,2-Dichloroethane	8.665	62	62153	19.368	ug/l	99
37) Trichloroethene	9.347	130	44782	19.949	ug/l	89
38) Methylcyclohexane	9.600	83	61994	19.000	ug/l	97
39) 1,2-Dichloropropane	9.618	63	43708	19.143	ug/l	98
40) Dibromomethane	9.706	93	31562	19.271	ug/l	98
41) Bromodichloromethane	9.882	83	67723	19.343	ug/l	97
42) Vinyl Acetate	6.600	43	471771	97.906	ug/l	99

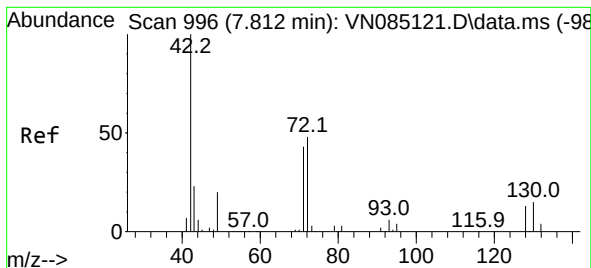
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121624\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	49499	18.066	ug/l	96
44) Isopropyl Acetate	8.682	43	89011	18.694	ug/l	100
45) 1,4-Dioxane	9.688	88	15602	392.939	ug/l	95
46) Methyl methacrylate	9.677	41	40601	18.632	ug/l	97
47) n-amyl Acetate	12.494	43	73556	18.361	ug/l	96
48) t-1,3-Dichloropropene	10.829	75	65995	19.202	ug/l	98
49) cis-1,3-Dichloropropene	10.306	75	73124	19.544	ug/l	96
50) 1,1,2-Trichloroethane	11.012	97	42618	19.311	ug/l	96
51) Ethyl methacrylate	10.871	69	62332	18.569	ug/l	96
52) 1,3-Dichloropropane	11.159	76	70887	19.192	ug/l	99
53) Dibromochloromethane	11.359	129	51019	18.970	ug/l	97
54) 1,2-Dibromoethane	11.465	107	42506	19.116	ug/l	99
55) 2-Chloroethyl vinyl ether	10.153	63	122170	78.348	ug/l	99
56) Bromoform	12.570	173	33630	18.650	ug/l	96
58) 4-Methyl-2-Pentanone	10.441	43	254378	91.560	ug/l	97
59) 2-Hexanone	11.194	43	198443	94.267	ug/l	98
61) Tetrachloroethene	11.100	164	40993	19.885	ug/l	89
62) Toluene	10.624	91	193265	19.467	ug/l	99
64) Chlorobenzene	11.888	112	119028	19.419	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	44343	19.379	ug/l	99
66) Ethyl Benzene	11.959	91	207827	19.728	ug/l	97
67) m/p-Xylenes	12.071	106	159560	39.379	ug/l	96
68) o-Xylene	12.394	106	76900	20.208	ug/l	97
69) Styrene	12.406	104	129131	19.998	ug/l	100
70) Isopropylbenzene	12.694	105	196429	20.013	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	56150	18.796	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	72767	24.658	ug/l	79
73) Bromobenzene	12.976	156	48280	19.638	ug/l	98
74) n-propylbenzene	13.029	91	229571	19.456	ug/l	99
75) 2-Chlorotoluene	13.123	91	143192	19.627	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	167597	19.931	ug/l	99
77) t-1,4-Dichloro-2-butene	12.729	75	20254	18.888	ug/l	90
78) 4-Chlorotoluene	13.217	91	144822	19.557	ug/l	99
79) tert-butylbenzene	13.435	119	137376	19.890	ug/l	98
80) 1,2,4-Trimethylbenzene	13.476	105	167722	20.193	ug/l	98
81) sec-Butylbenzene	13.612	105	191002	19.466	ug/l	98
82) p-Isopropyltoluene	13.723	119	161402	19.841	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	86373	19.150	ug/l	100
84) 1,4-Dichlorobenzene	13.806	146	85216	19.386	ug/l	99
85) n-Butylbenzene	14.053	91	132097	19.359	ug/l	98
86) Hexachloroethane	14.335	117	31250	19.297	ug/l	98
87) 1,2-Dichlorobenzene	14.100	146	82331	19.338	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10161	17.026	ug/l	95
89) 1,2,4-Trichlorobenzene	15.835	180	40011	19.190	ug/l	96
90) Hexachlorobutadiene	15.494	225	21664	19.995	ug/l	99
91) Naphthalene	15.635	128	120498	18.602	ug/l	98
92) 1,2,3-Trichlorobenzene	15.835	180	40011	19.190	ug/l	96

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.812 min Scan# 996

Delta R.T. -0.000 min

Lab File: VN085207.D

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MSVOA_N

ClientSampleId :

VSTDCCC020

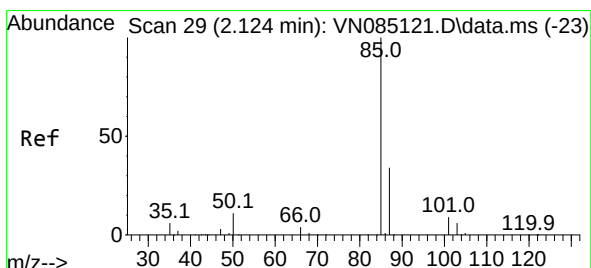
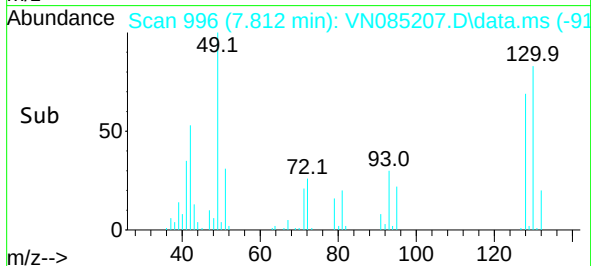
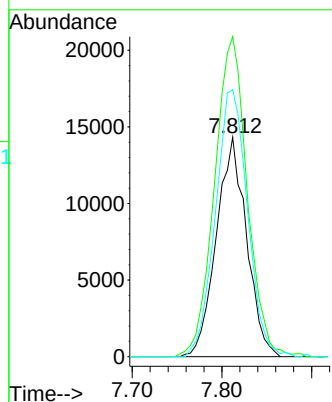
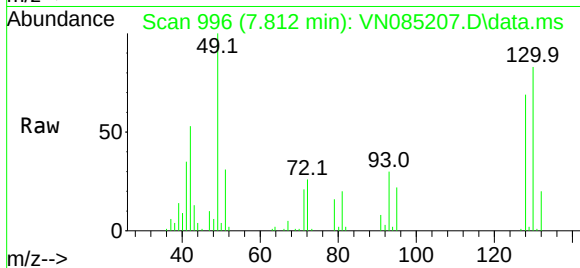
Tgt Ion:128 Resp: 33412

Ion Ratio Lower Upper

128 100

49 157.6 0.0 394.5

130 129.2 0.0 316.5



#2

Dichlorodifluoromethane

Concen: 21.047 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN085207.D

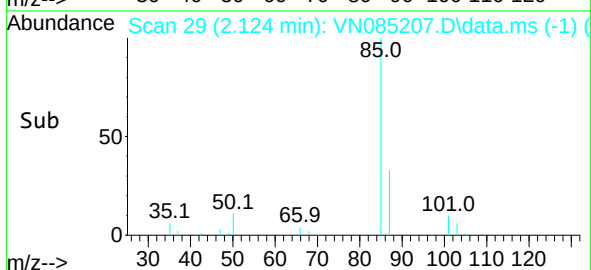
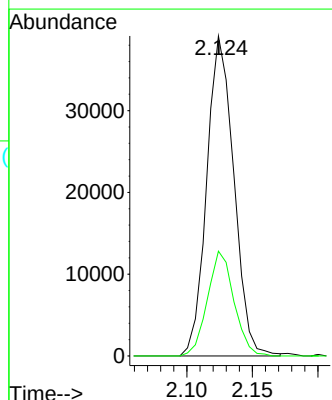
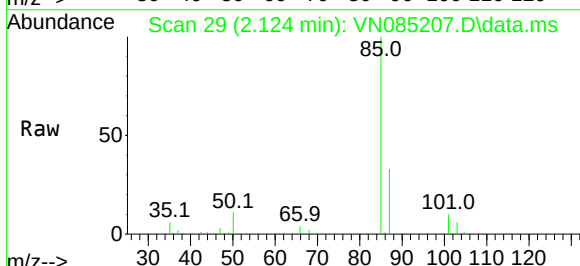
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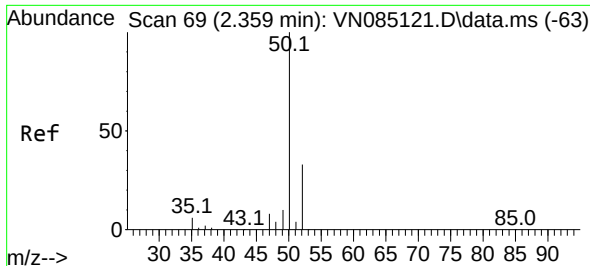
Tgt Ion: 85 Resp: 56261

Ion Ratio Lower Upper

85 100

87 32.8 16.8 50.3

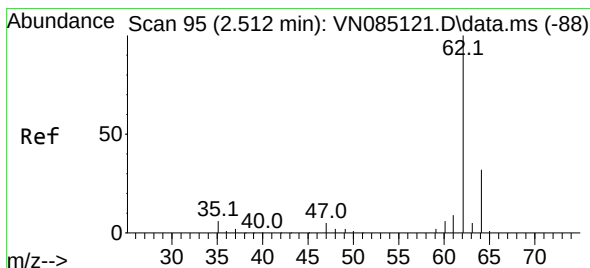
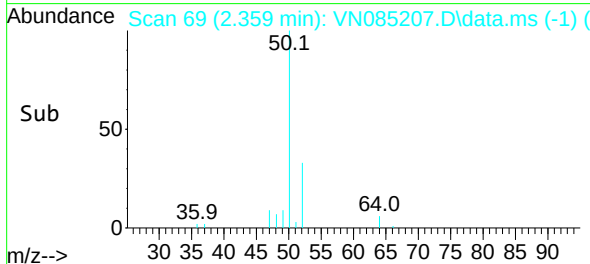
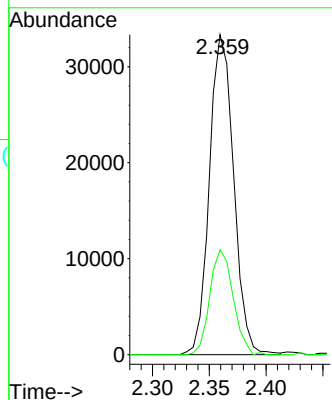
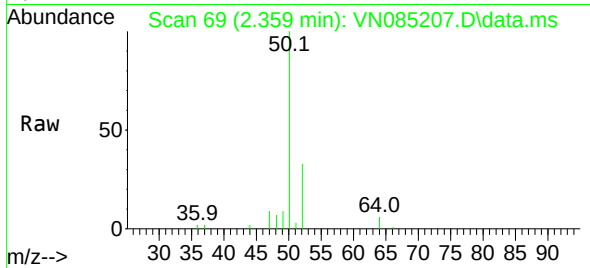




#3
Chloromethane
Concen: 20.963 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

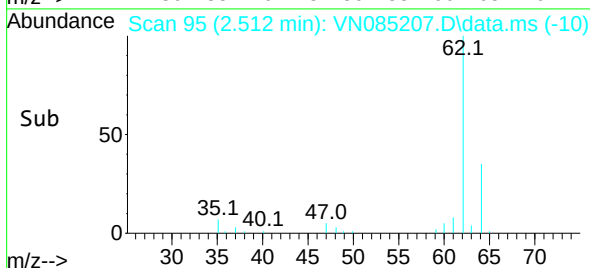
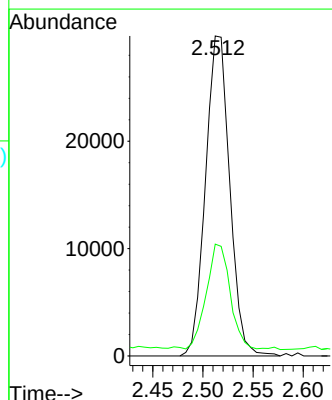
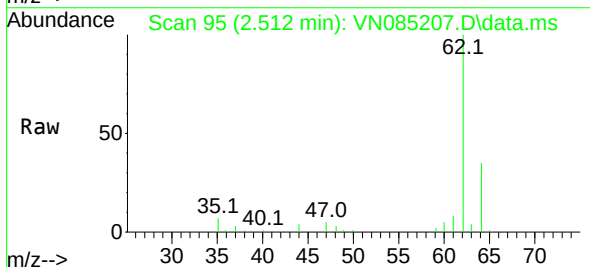
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

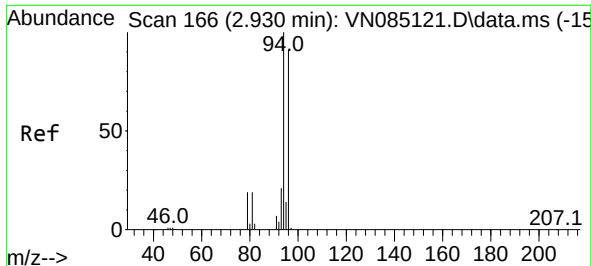
Tgt Ion: 50 Resp: 49600
Ion Ratio Lower Upper
50 100
52 32.8 25.0 37.4



#4
Vinyl Chloride
Concen: 20.717 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 62 Resp: 50136
Ion Ratio Lower Upper
62 100
64 32.9 24.9 37.3

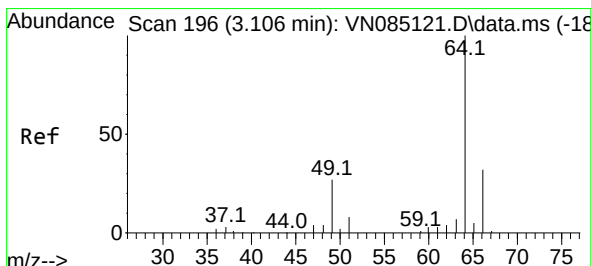
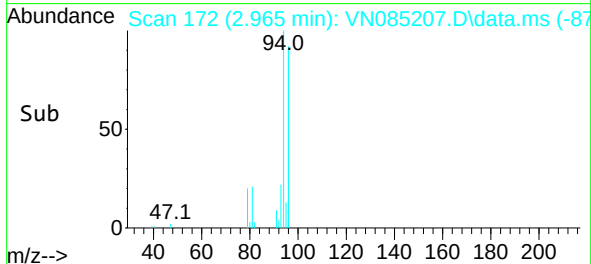
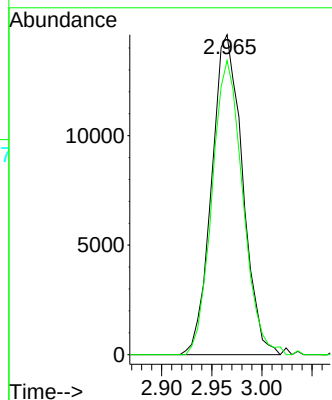
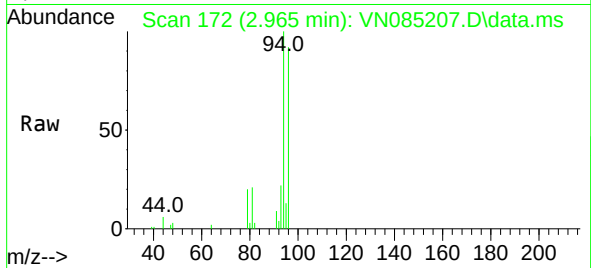




#5
Bromomethane
Concen: 20.321 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

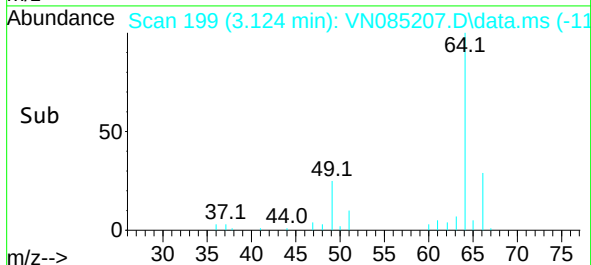
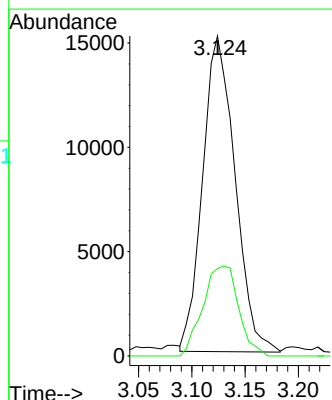
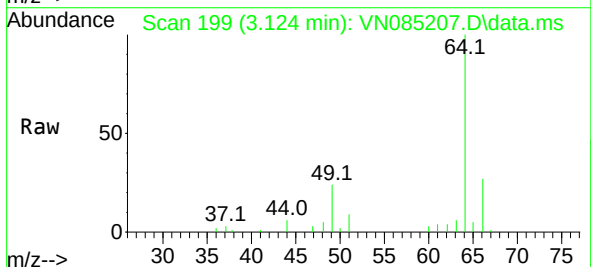
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ClientSampleId :
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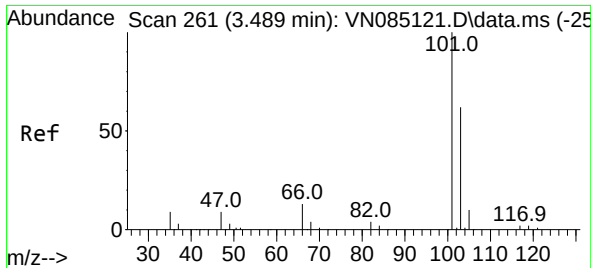
Tgt Ion: 94 Resp: 31223
Ion Ratio Lower Upper
94 100
96 91.9 76.2 114.4



#6
Chloroethane
Concen: 21.532 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 64 Resp: 32014
Ion Ratio Lower Upper
64 100
66 27.7 25.5 38.3

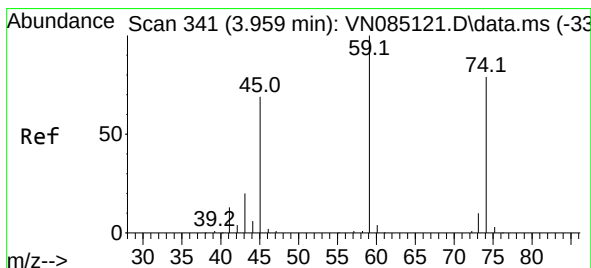
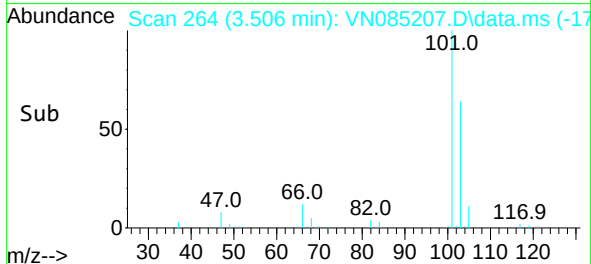
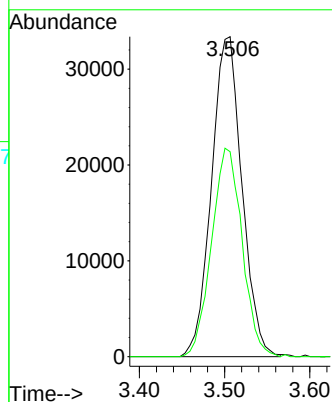
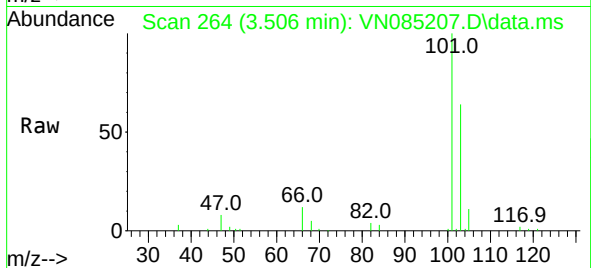




#7
 Trichlorofluoromethane
 Concen: 20.940 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN085207.D
 Acq: 16 Dec 2024 09:42

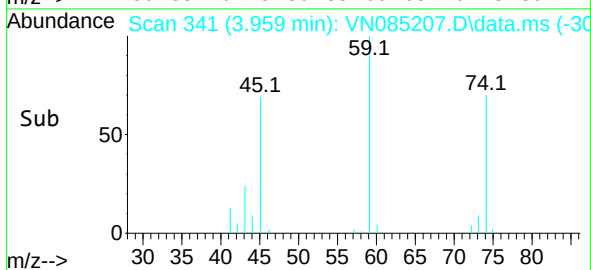
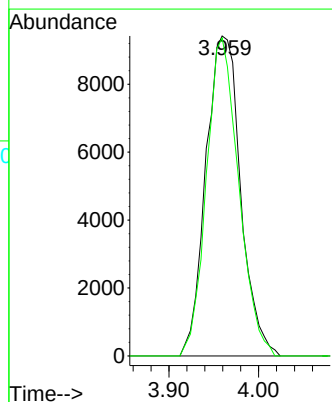
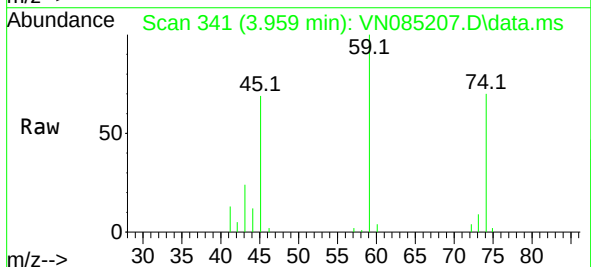
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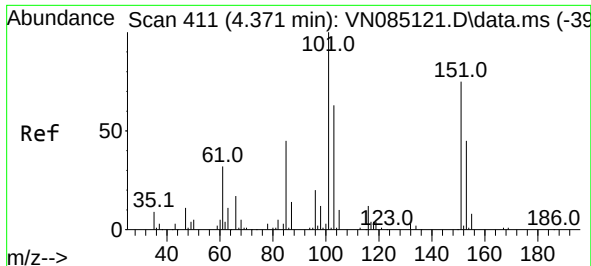
Tgt Ion:101 Resp: 82951
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.3 76.9



#8
 Diethyl Ether
 Concen: 20.165 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085207.D
 Acq: 16 Dec 2024 09:42

Tgt Ion: 74 Resp: 25301
 Ion Ratio Lower Upper
 74 100
 45 92.2 18.6 167.8

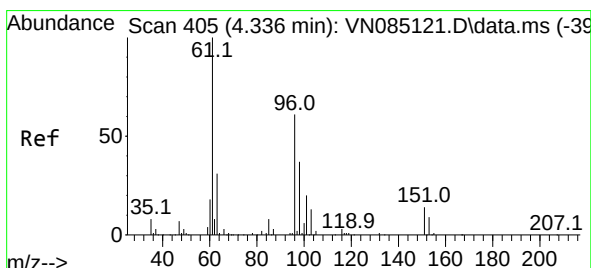
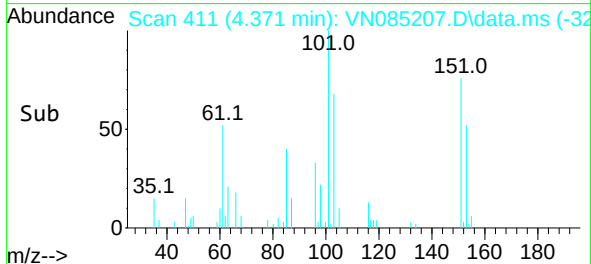
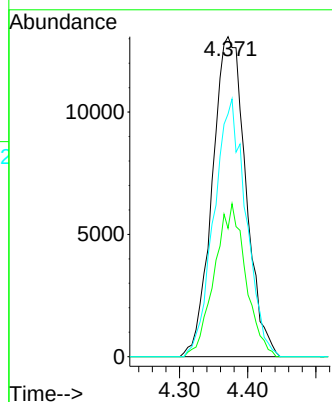
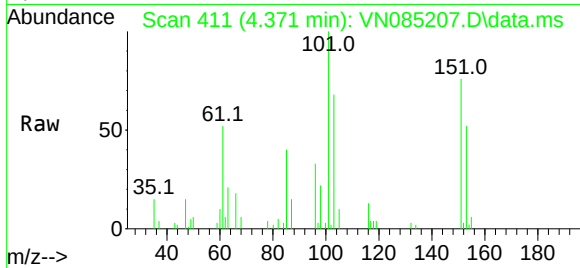




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.159 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN085207.D
 Acq: 16 Dec 2024 09:42

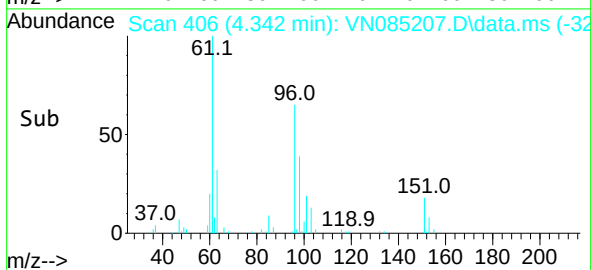
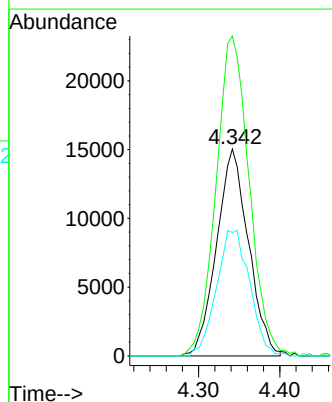
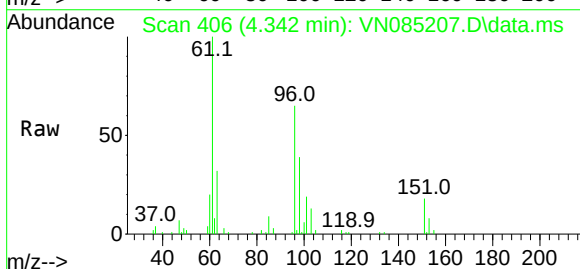
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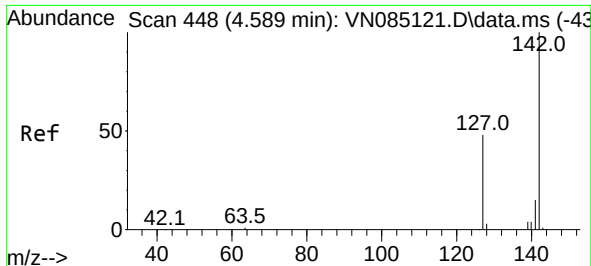
Tgt Ion:101 Resp: 44657
 Ion Ratio Lower Upper
 101 100
 85 44.5 0.0 88.6
 151 77.2 0.0 155.8



#10
 1,1-Dichloroethene
 Concen: 20.219 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: VN085207.D
 Acq: 16 Dec 2024 09:42

Tgt Ion: 96 Resp: 41142
 Ion Ratio Lower Upper
 96 100
 61 154.7 123.0 184.4
 98 59.6 49.1 73.7

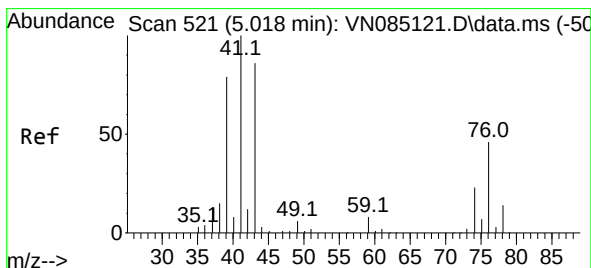
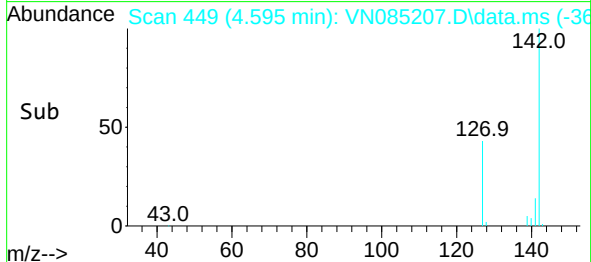
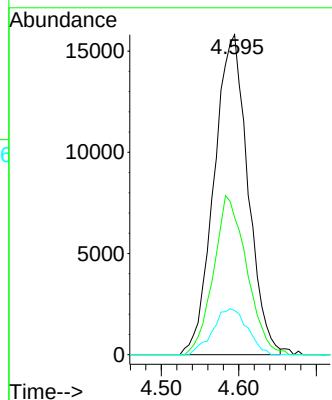
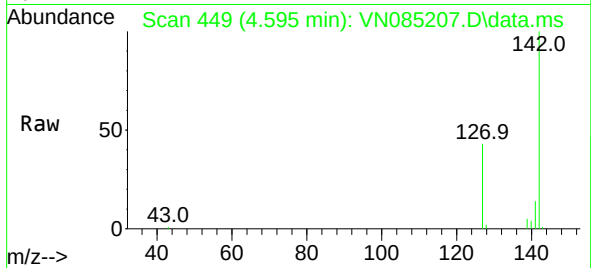




#11
Methyl Iodide
Concen: 17.027 ug/l
RT: 4.595 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

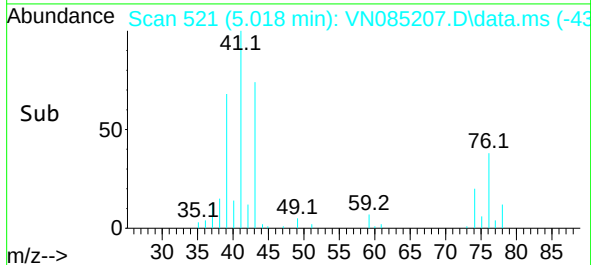
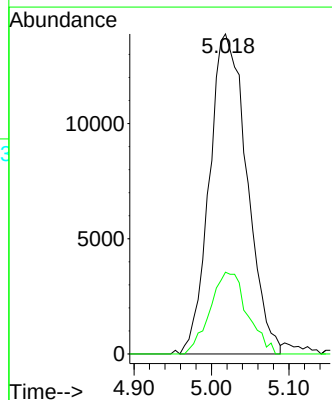
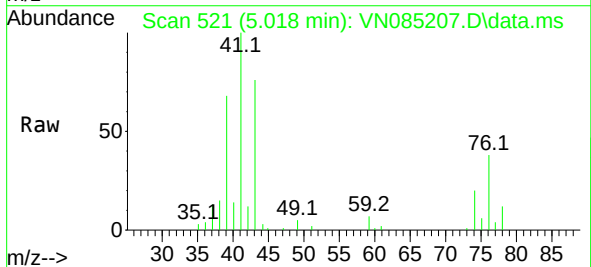
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

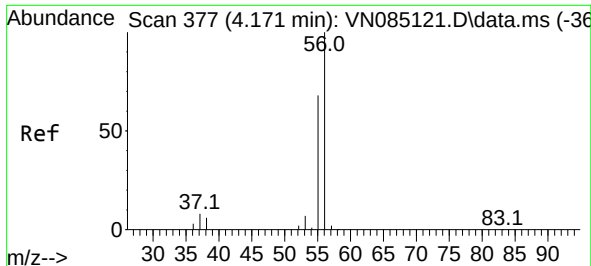
Tgt Ion:142 Resp: 48050
Ion Ratio Lower Upper
142 100
127 42.6 22.5 67.5
141 13.9 8.3 24.9



#12
Methyl Acetate
Concen: 19.513 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 43 Resp: 46842
Ion Ratio Lower Upper
43 100
74 25.9 19.8 29.6





#13

Acrolein

Concen: 75.017 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN085207.D

Acq: 16 Dec 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

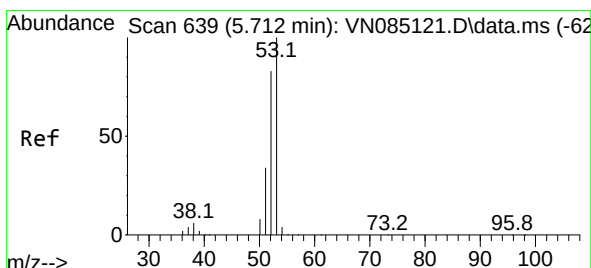
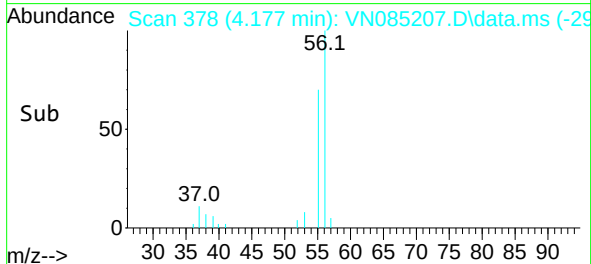
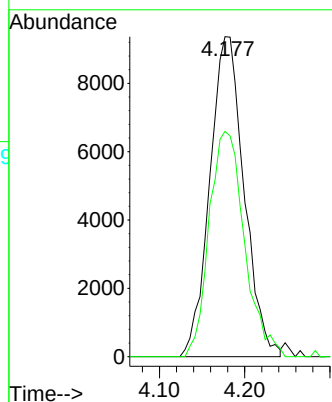
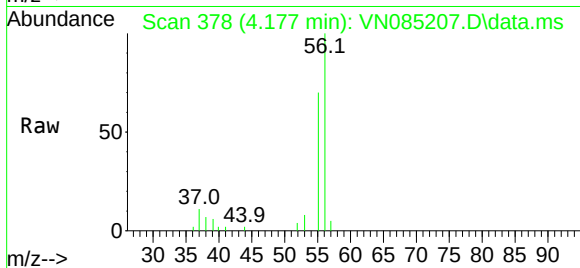
VSTDCCC020

Tgt Ion: 56 Resp: 26169

Ion Ratio Lower Upper

56 100

55 70.7 59.4 89.0



#14

Acrylonitrile

Concen: 95.305 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN085207.D

Acq: 16 Dec 2024 09:42

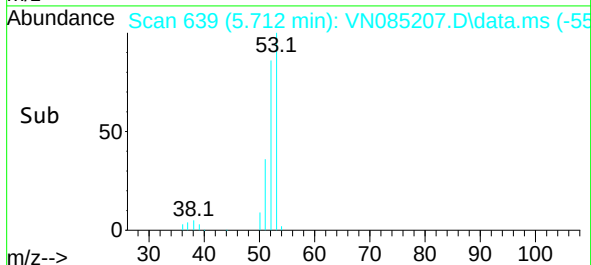
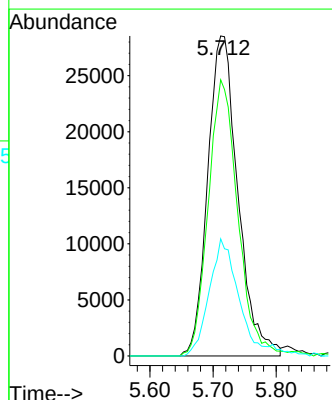
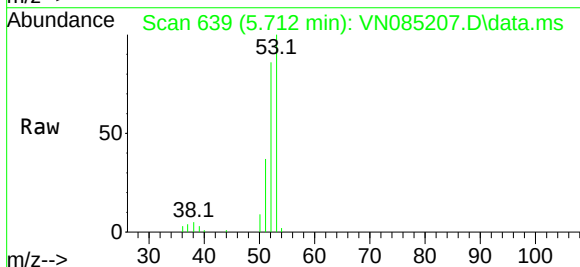
Tgt Ion: 53 Resp: 94996

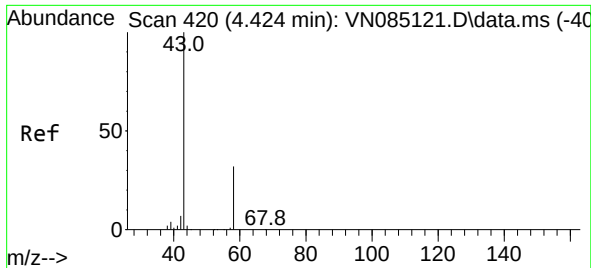
Ion Ratio Lower Upper

53 100

52 83.9 42.9 128.5

51 35.1 17.2 51.5





#15

Acetone

Concen: 106.386 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN085207.D

Acq: 16 Dec 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

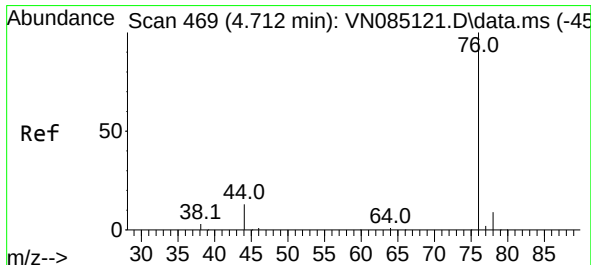
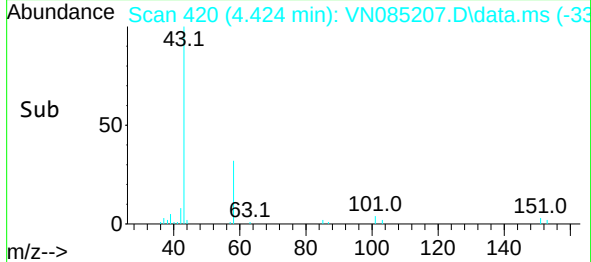
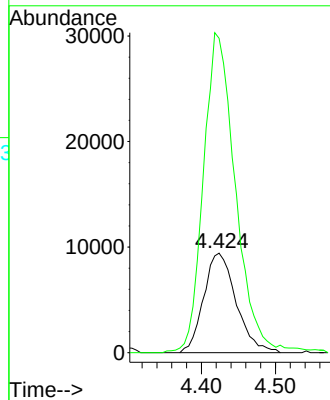
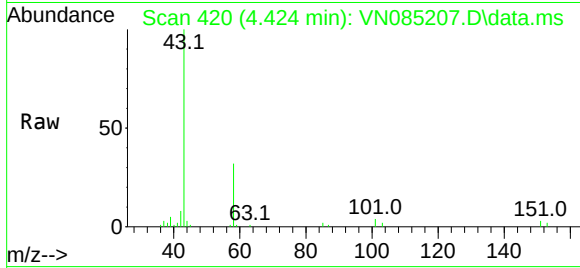
VSTDCCC020

Tgt Ion: 58 Resp: 28736

Ion Ratio Lower Upper

58 100

43 311.0 242.3 363.5



#16

Carbon Disulfide

Concen: 20.161 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.006 min

Lab File: VN085207.D

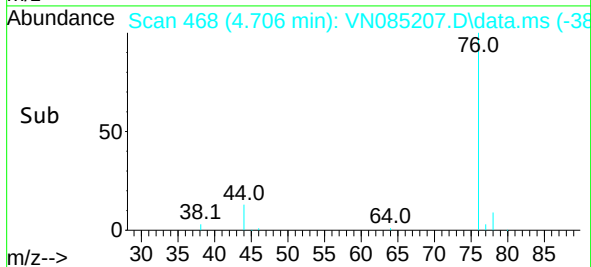
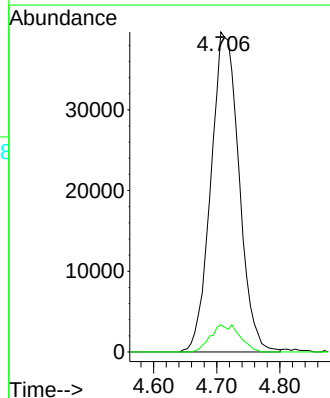
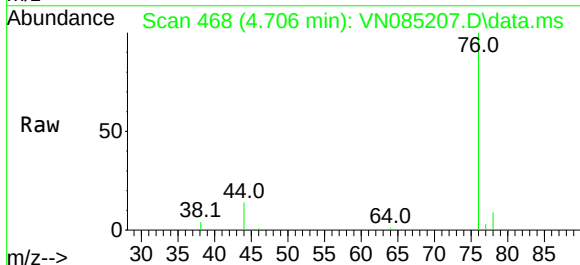
Acq: 16 Dec 2024 09:42

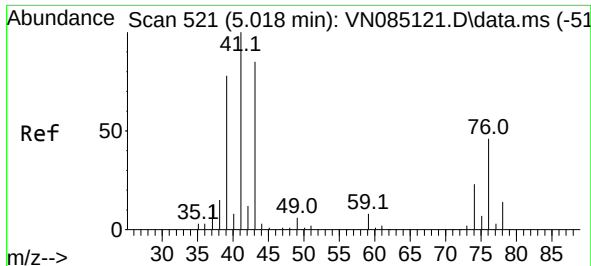
Tgt Ion: 76 Resp: 122618

Ion Ratio Lower Upper

76 100

78 8.5 7.1 10.7





#17

Allyl chloride

Concen: 20.428 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN085207.D

Acq: 16 Dec 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

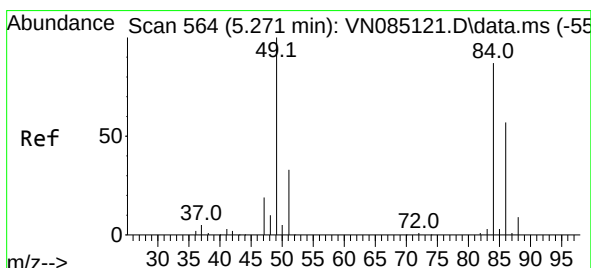
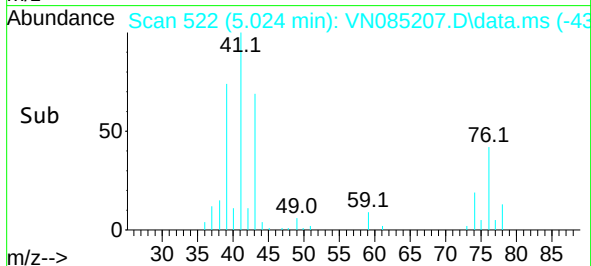
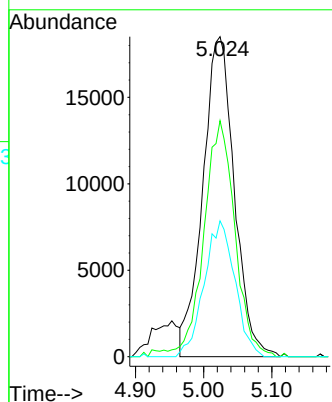
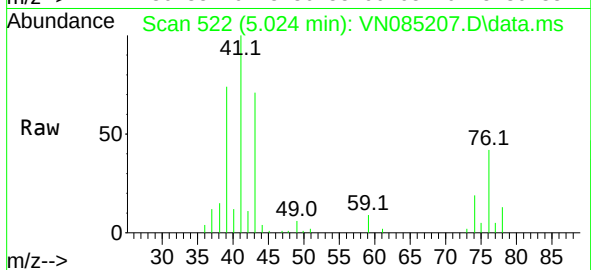
Tgt Ion: 41 Resp: 59479

Ion Ratio Lower Upper

41 100

39 73.7 32.0 96.2

76 42.4 20.2 60.5



#18

Methylene Chloride

Concen: 19.515 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN085207.D

Acq: 16 Dec 2024 09:42

Tgt Ion: 84 Resp: 45057

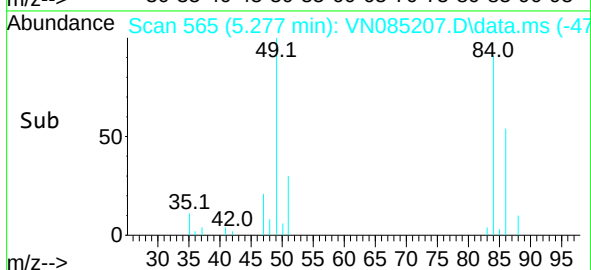
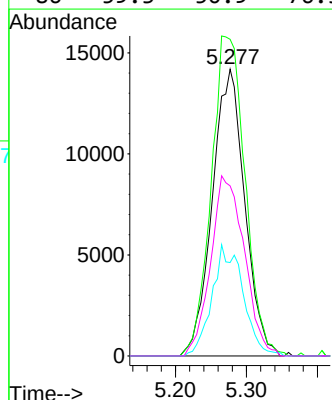
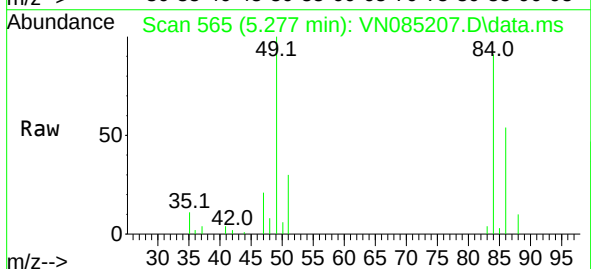
Ion Ratio Lower Upper

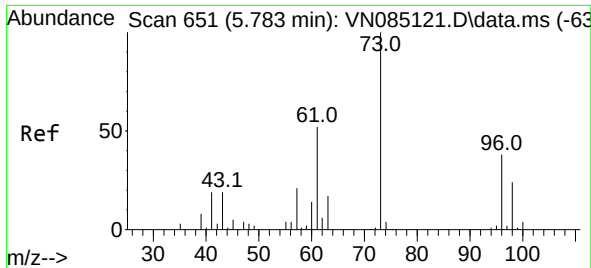
84 100

49 110.5 95.1 142.7

51 32.6 27.4 41.0

86 59.3 50.9 76.3

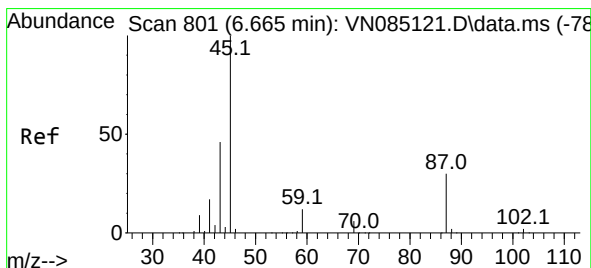
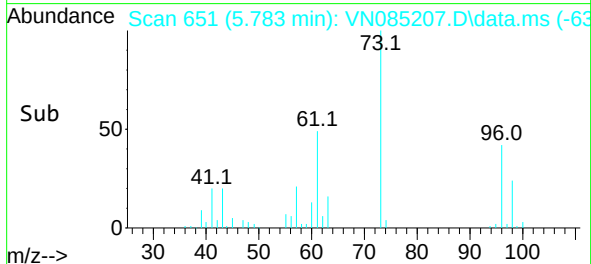
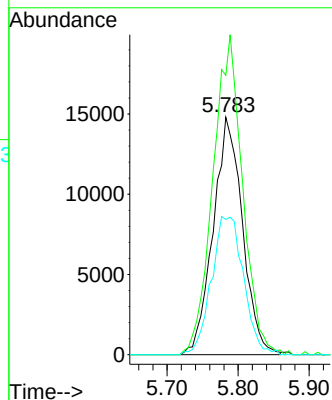
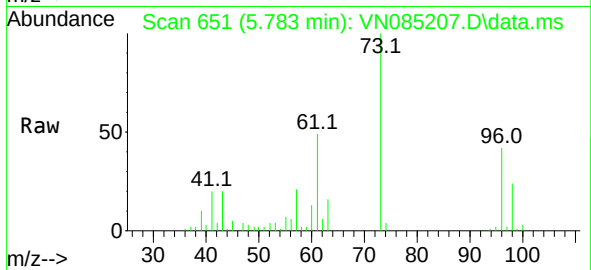




#19
trans-1,2-Dichloroethene
Concen: 20.081 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

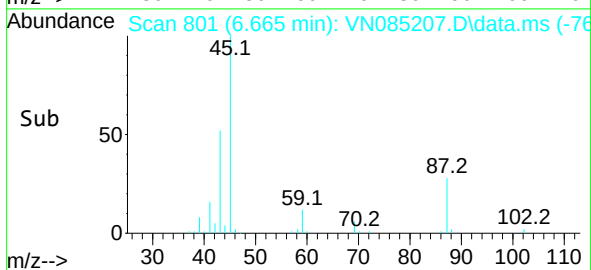
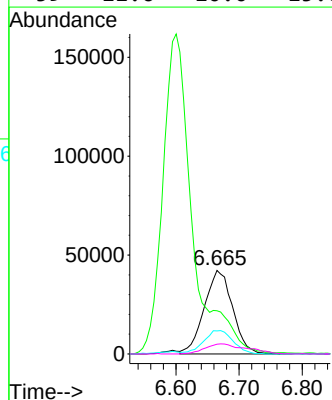
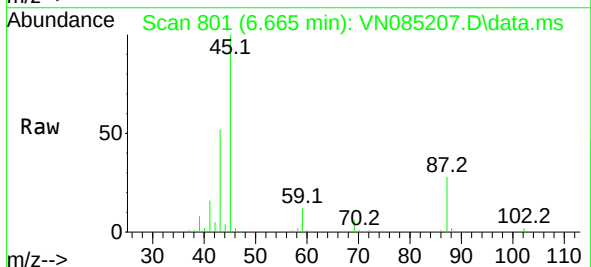
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

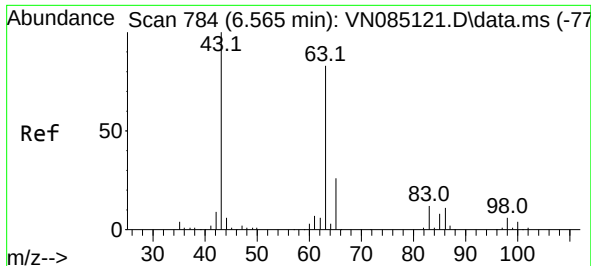
Tgt Ion: 96 Resp: 42471
Ion Ratio Lower Upper
96 100
61 117.7 100.4 150.6
98 56.9 52.6 79.0



#20
Diisopropyl ether
Concen: 20.625 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 45 Resp: 131789
Ion Ratio Lower Upper
45 100
43 50.1 41.9 62.9
87 27.7 24.1 36.1
59 11.6 10.0 15.0

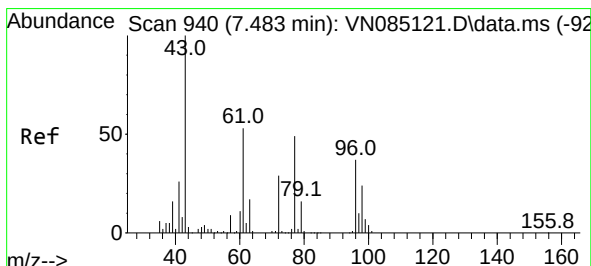
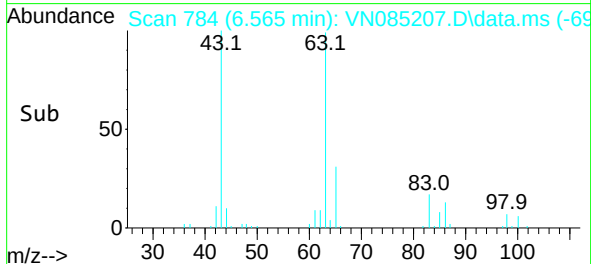
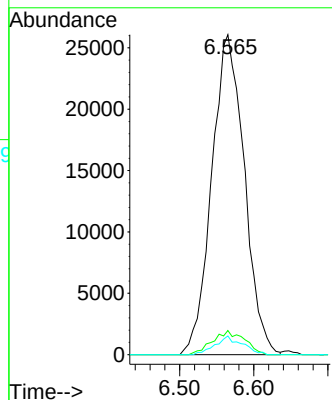
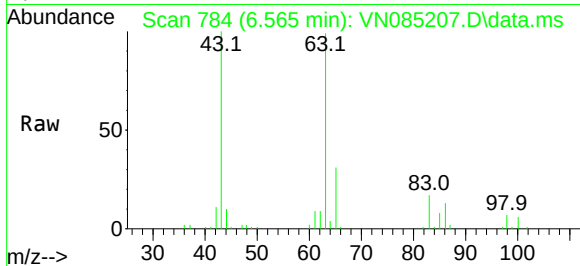




#21
1,1-Dichloroethane
Concen: 20.207 ug/l
RT: 6.565 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

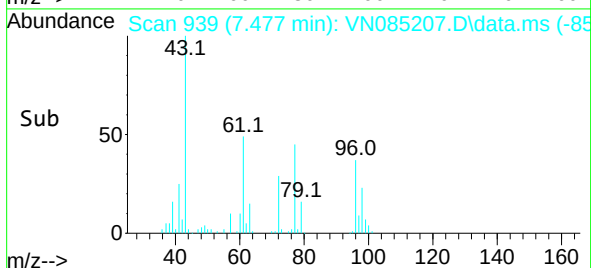
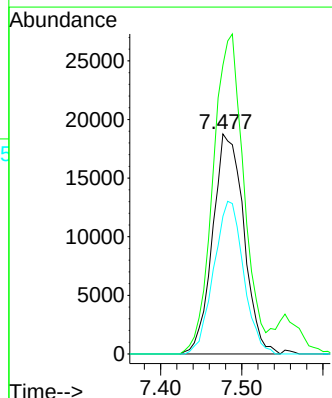
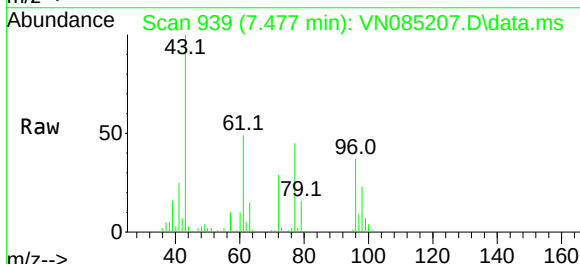
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

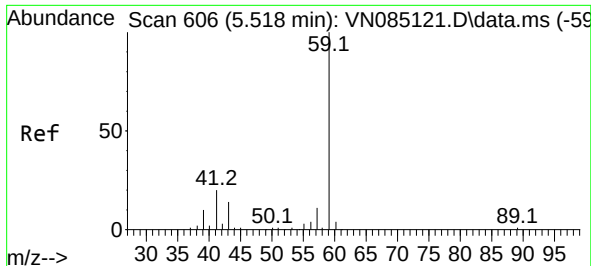
Tgt Ion: 63 Resp: 79692
Ion Ratio Lower Upper
63 100
98 7.5 3.5 10.4
100 5.8 1.6 4.8#



#22
cis-1,2-Dichloroethene
Concen: 20.511 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.012 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 96 Resp: 49862
Ion Ratio Lower Upper
96 100
61 143.7 115.9 173.9
98 66.7 51.8 77.8

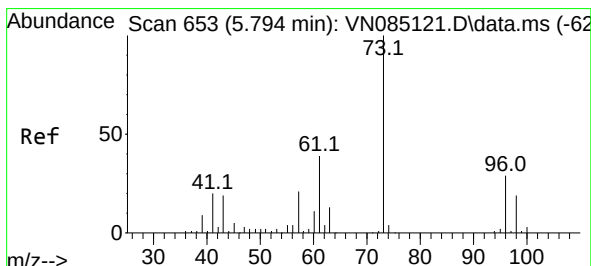
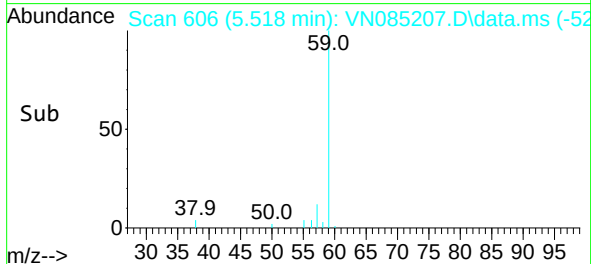
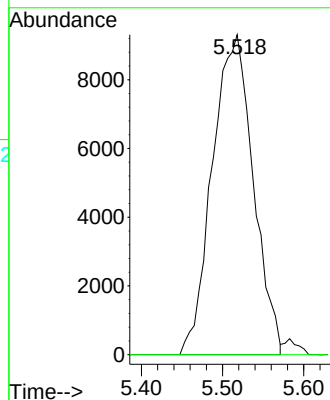
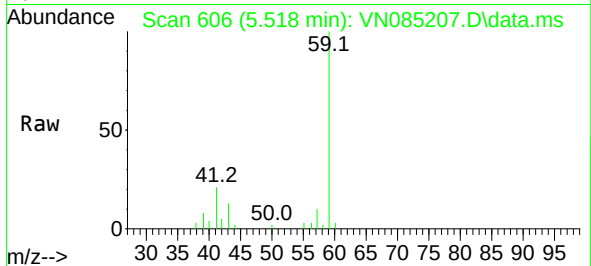




#23
tert-Butyl Alcohol
Concen: 91.223 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

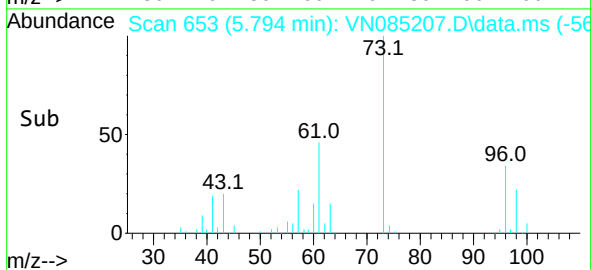
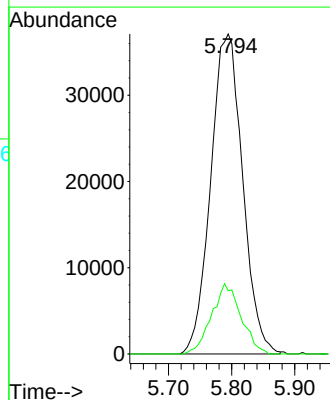
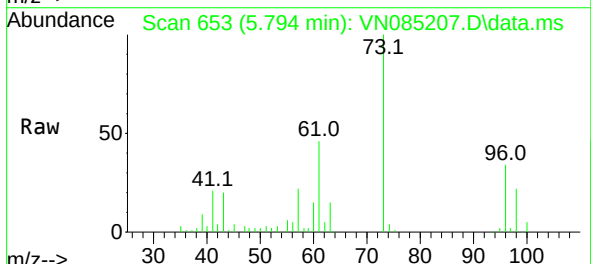
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

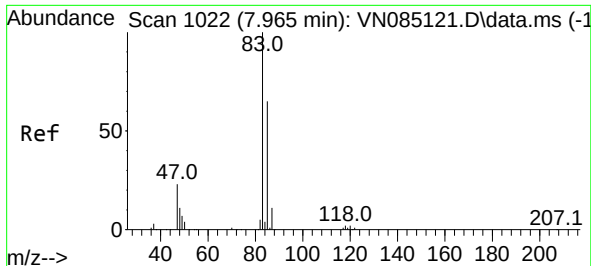
Tgt Ion: 59 Resp: 32619
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.480 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 73 Resp: 130198
Ion Ratio Lower Upper
73 100
43 20.3 8.7 13.1#

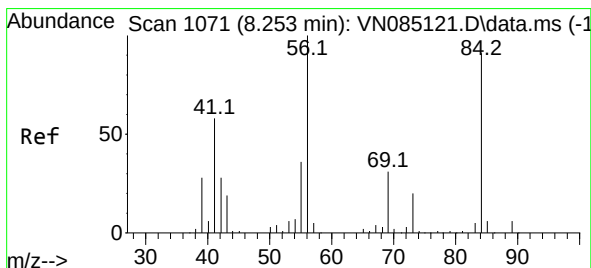
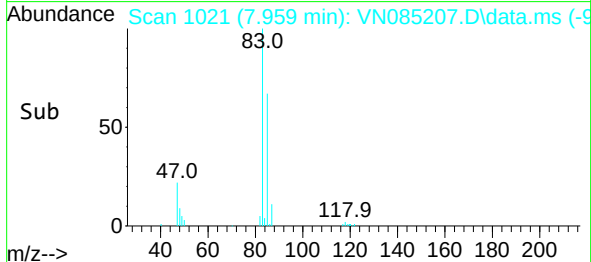
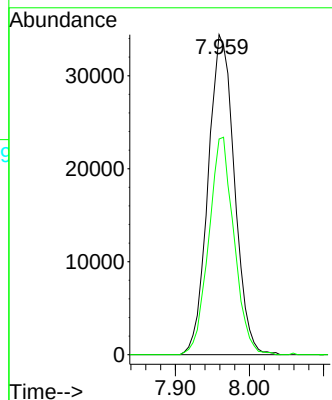
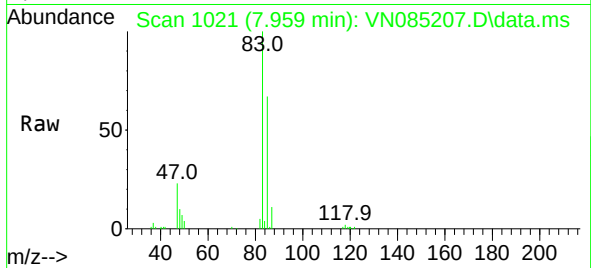




#25
Chloroform
Concen: 20.530 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

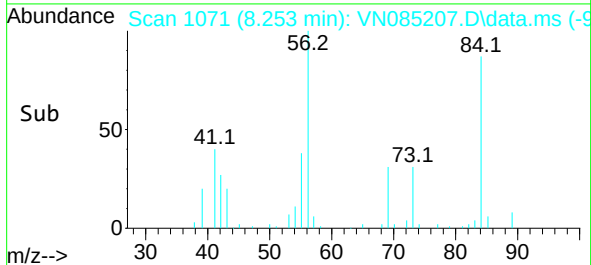
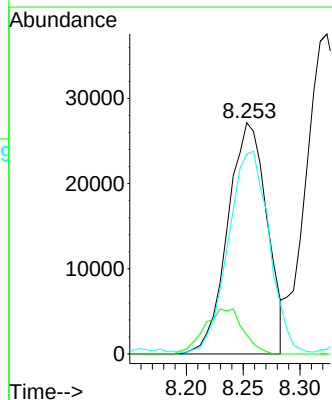
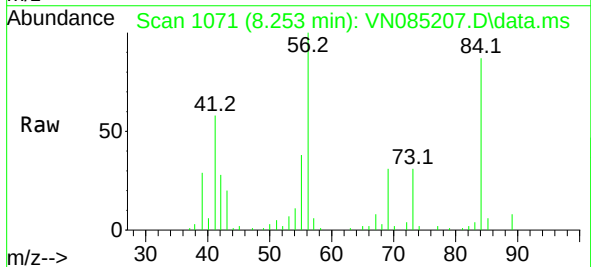
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

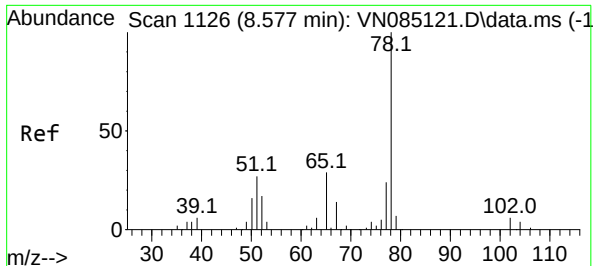
Tgt Ion: 83 Resp: 84820
Ion Ratio Lower Upper
83 100
85 67.4 49.4 74.0



#26
Cyclohexane
Concen: 20.069 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 56 Resp: 65168
Ion Ratio Lower Upper
56 100
89 19.4 19.5 29.3#
84 92.1 70.6 105.8

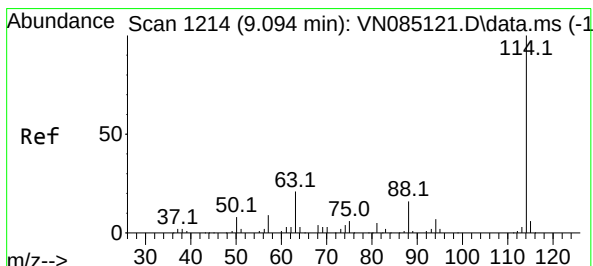
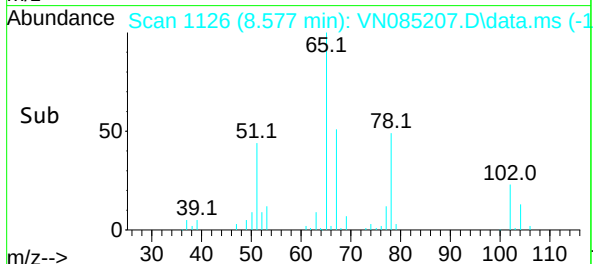
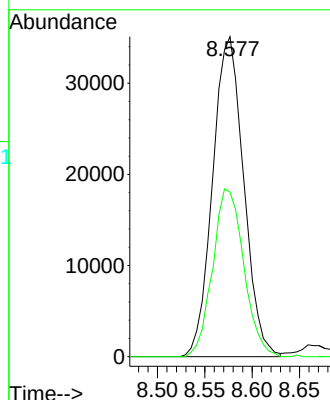
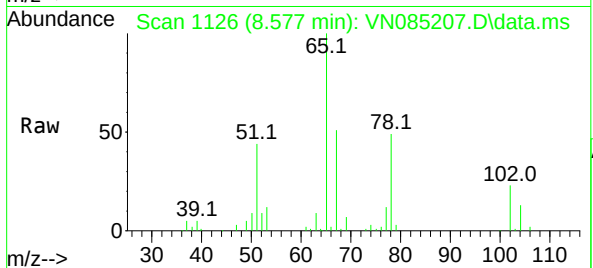




#27
1,2-Dichloroethane-d4
Concen: 30.226 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

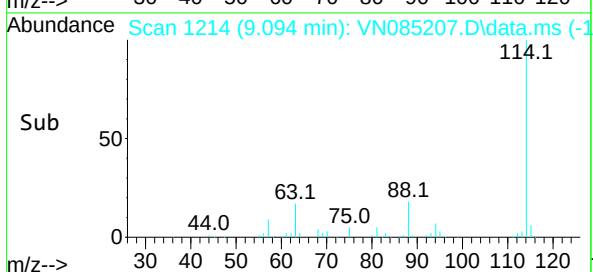
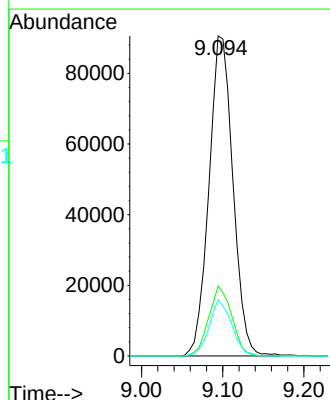
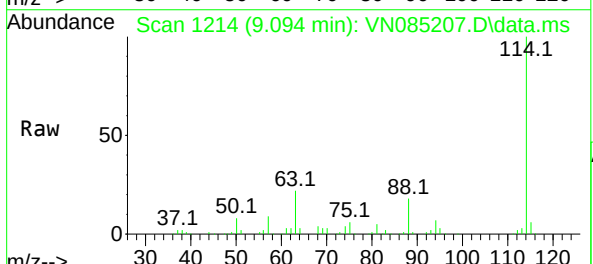
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

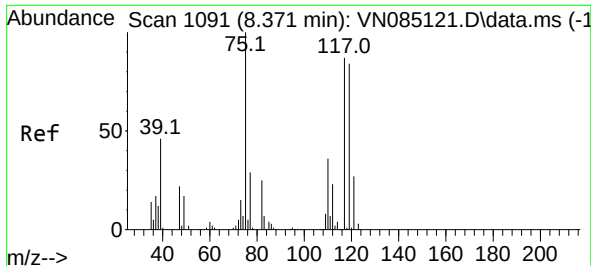
Tgt Ion: 65 Resp: 80133
Ion Ratio Lower Upper
65 100
67 52.4 39.9 59.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 114 Resp: 185962
Ion Ratio Lower Upper
114 100
63 21.0 16.2 24.2
88 16.4 12.5 18.7

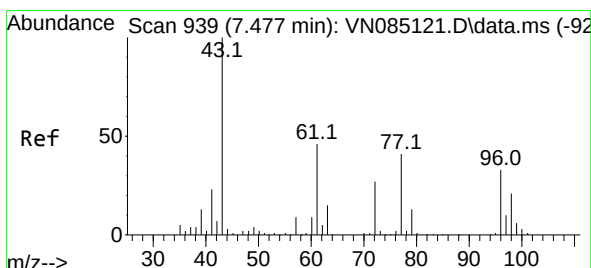
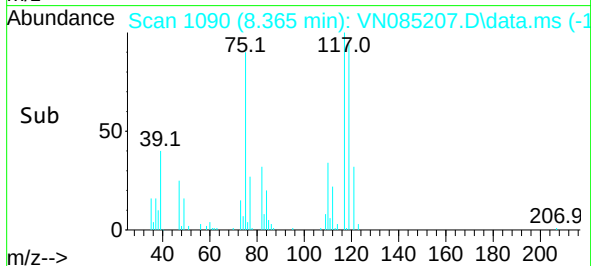
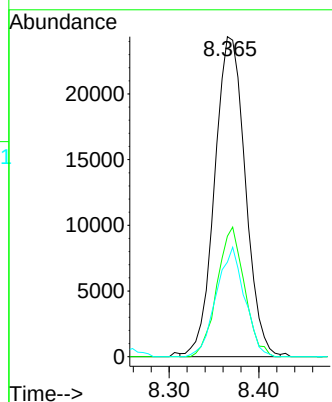
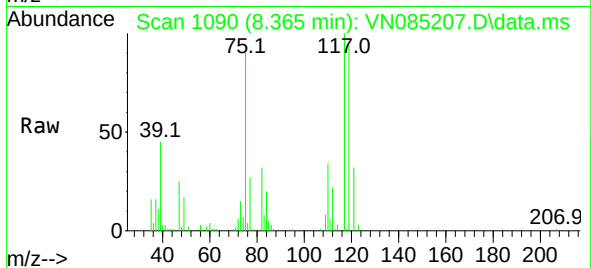




#29
1,1-Dichloropropene
Concen: 19.254 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

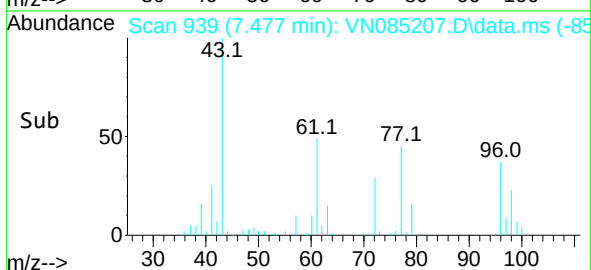
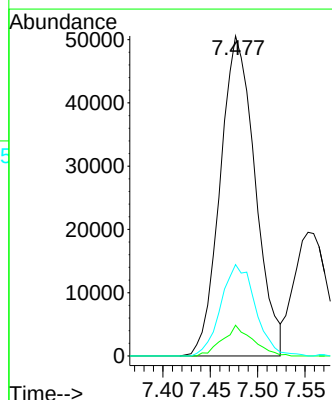
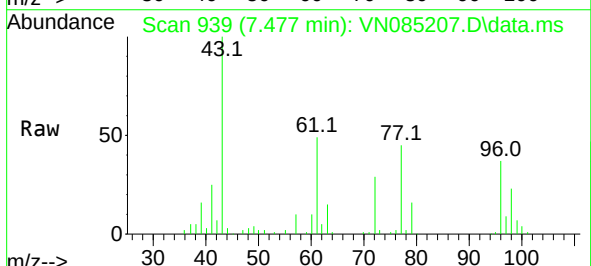
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

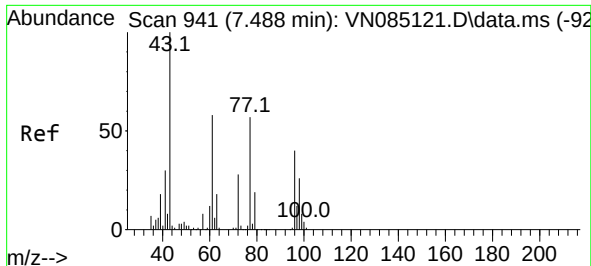
Tgt Ion:	75	Resp:	57776
Ion Ratio	Lower	Upper	
75	100		
110	36.1	0.0	71.6
77	31.6	0.0	62.2



#30
2-Butanone
Concen: 94.489 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion:	43	Resp:	130116
Ion Ratio	Lower	Upper	
43	100		
57	8.2	6.9	10.3
72	28.2	21.8	32.8

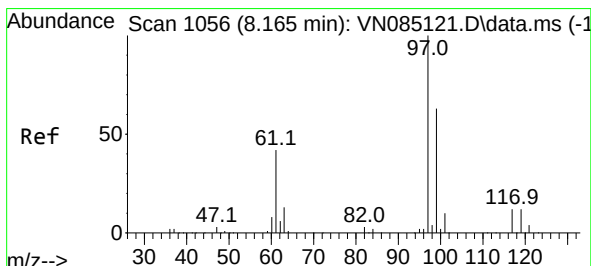
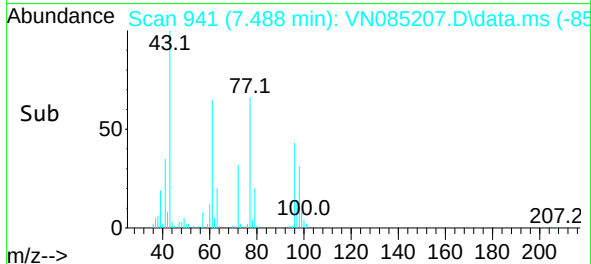
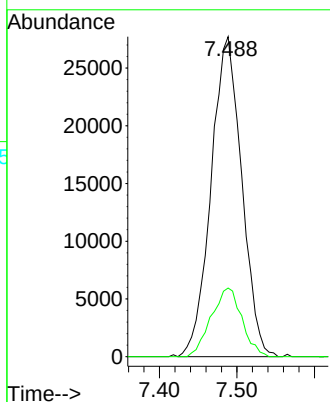
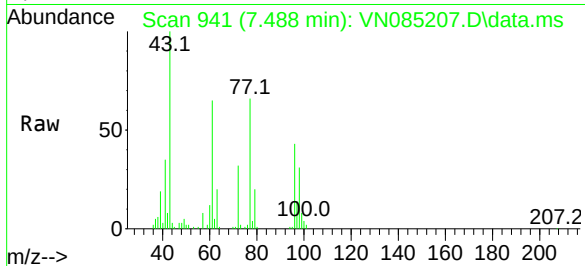




#31
2,2-Dichloropropane
Concen: 19.826 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

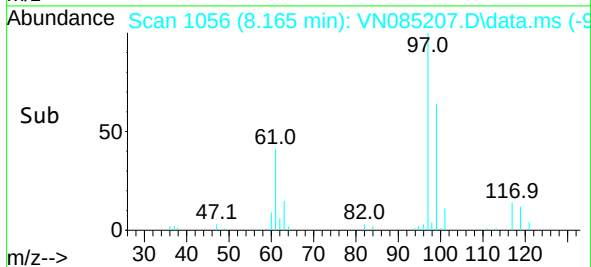
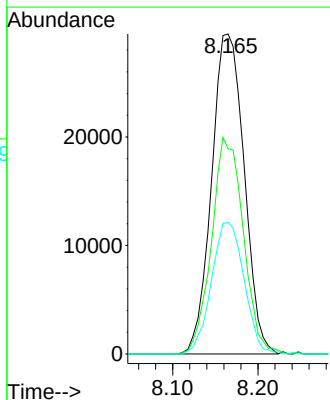
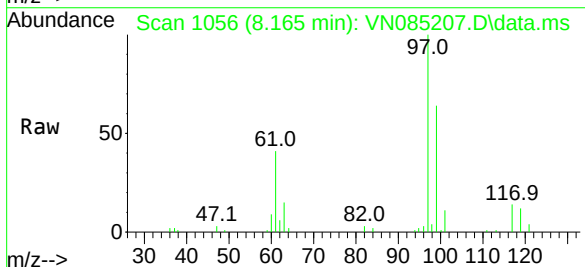
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

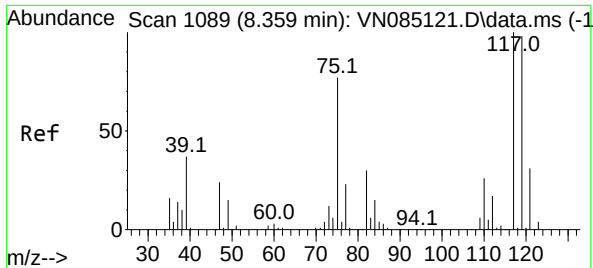
Tgt Ion: 77 Resp: 76289
Ion Ratio Lower Upper
77 100
97 21.5 0.0 0.0#



#32
1,1,1-Trichloroethane
Concen: 19.264 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 97 Resp: 78244
Ion Ratio Lower Upper
97 100
99 65.9 50.8 76.2
61 41.2 32.7 49.1

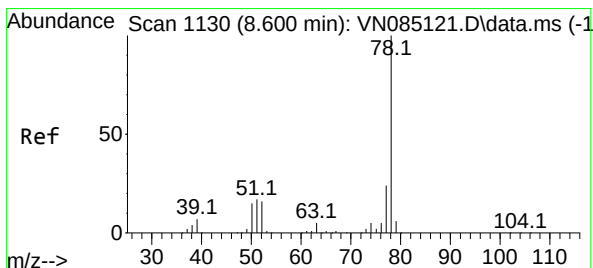
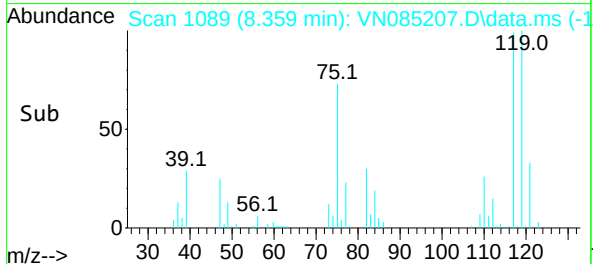
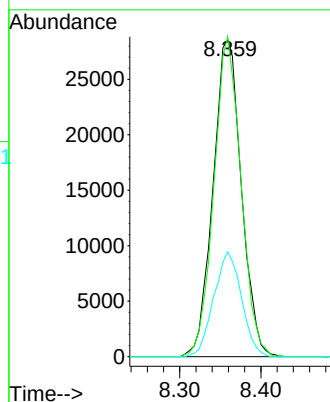
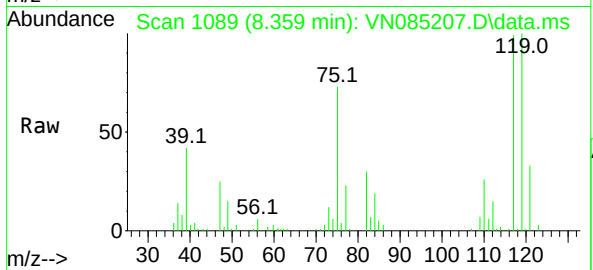




#33
Carbon Tetrachloride
Concen: 18.888 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

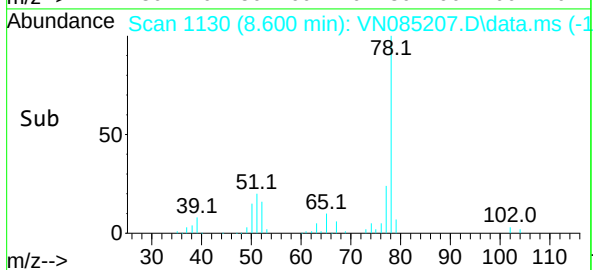
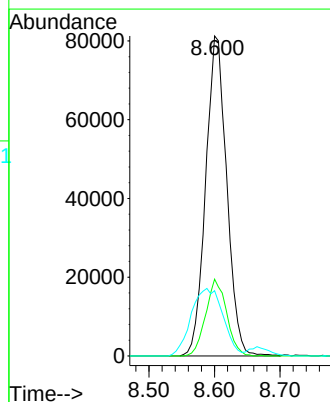
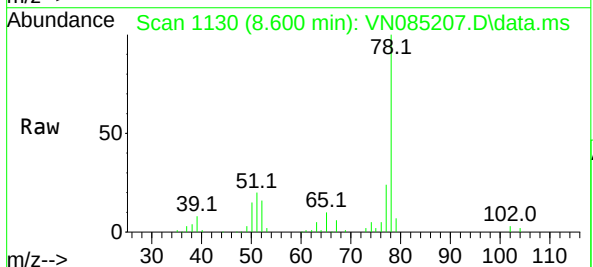
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

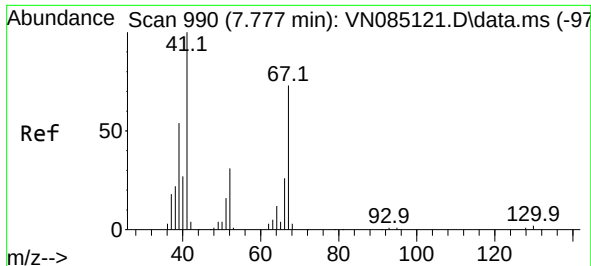
Tgt Ion:117 Resp: 69225
Ion Ratio Lower Upper
117 100
119 101.0 81.6 122.4
121 33.1 26.5 39.7



#34
Benzene
Concen: 19.246 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 78 Resp: 181426
Ion Ratio Lower Upper
78 100
77 24.0 18.0 27.0
51 20.0 12.4 18.6#



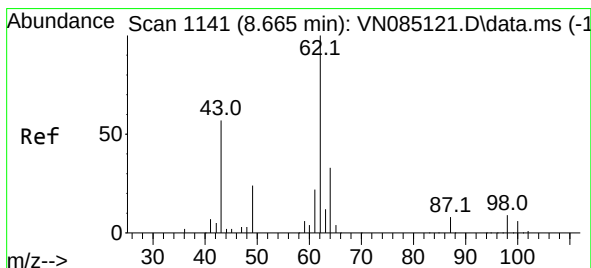
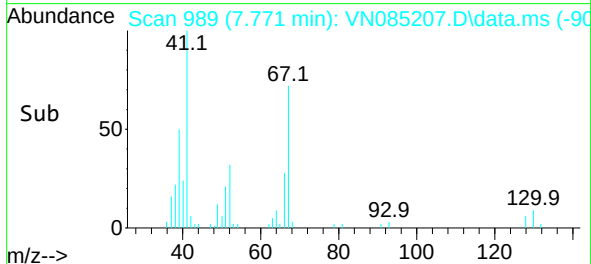
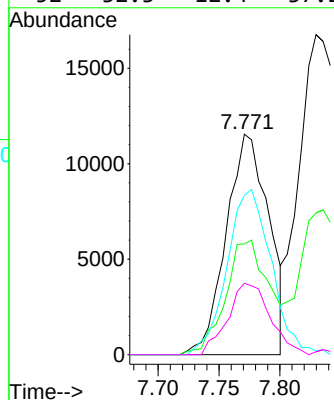
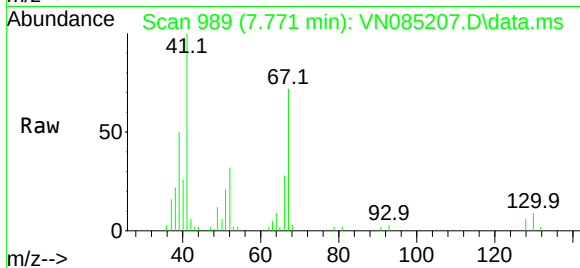


#35
Methacrylonitrile
Concen: 18.152 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 41 Resp: 28129

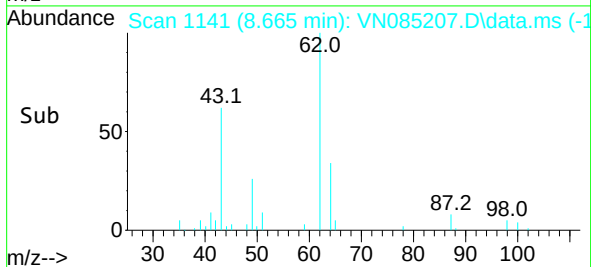
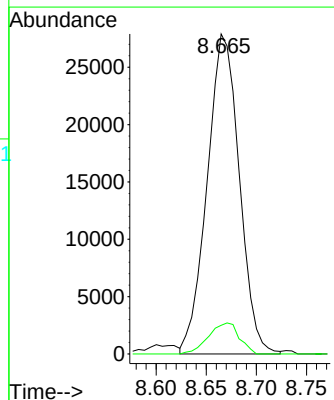
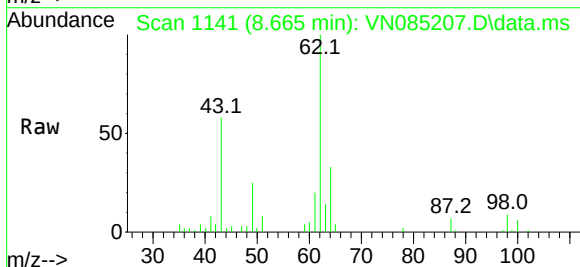
Ion	Ratio	Lower	Upper
41	100		
39	50.2	24.4	73.2
67	72.3	37.0	110.9
52	32.3	12.4	37.2

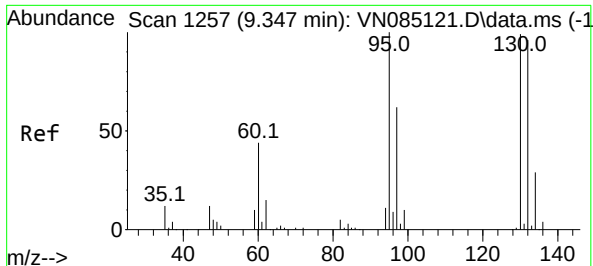


#36
1,2-Dichloroethane
Concen: 19.368 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 62 Resp: 62153

Ion	Ratio	Lower	Upper
62	100		
98	9.3	7.3	10.9

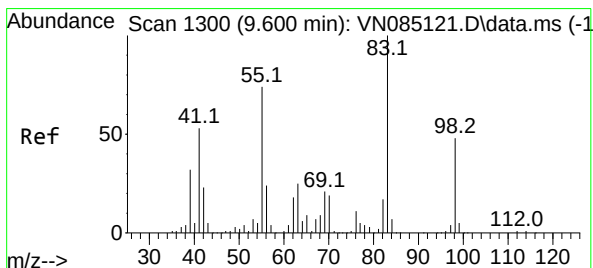
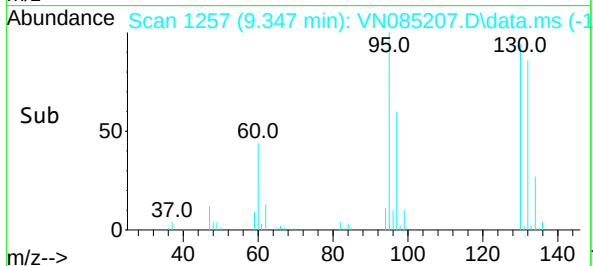
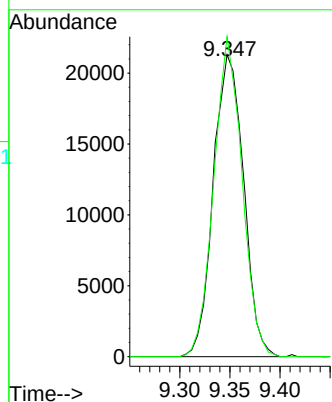
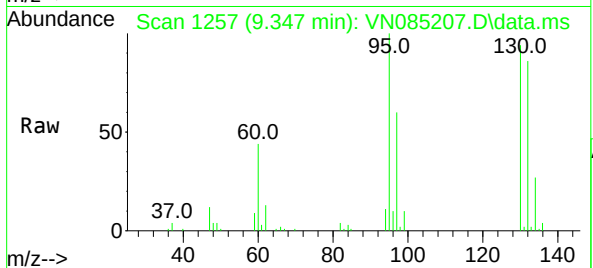




#37
Trichloroethene
Concen: 19.949 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

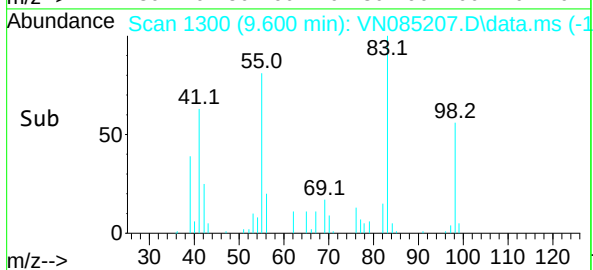
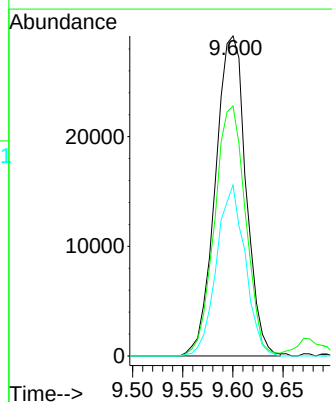
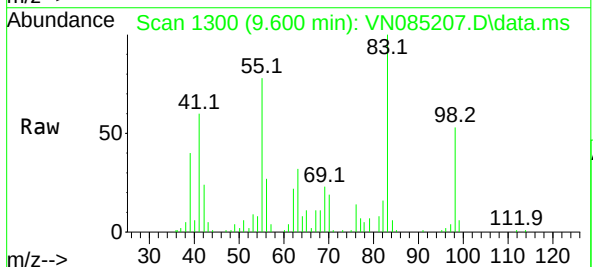
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

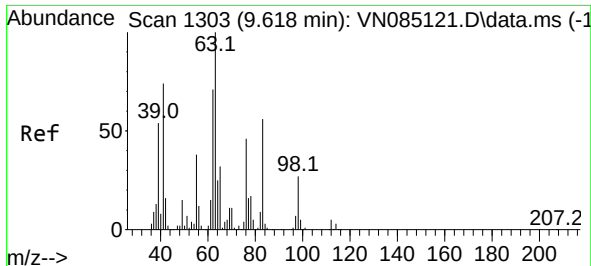
Tgt Ion:130 Resp: 44782
Ion Ratio Lower Upper
130 100
95 105.9 76.2 114.4



#38
Methylcyclohexane
Concen: 19.000 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 83 Resp: 61994
Ion Ratio Lower Upper
83 100
55 79.1 41.4 124.4
98 49.9 25.7 77.1





#39

1,2-Dichloropropane

Concen: 19.143 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085207.D

Acq: 16 Dec 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

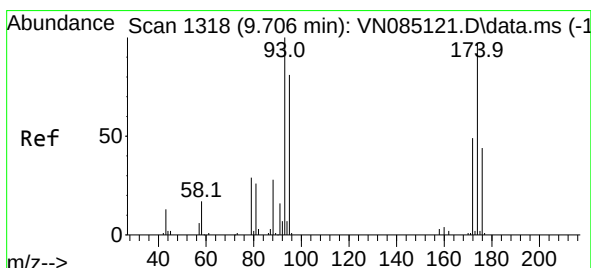
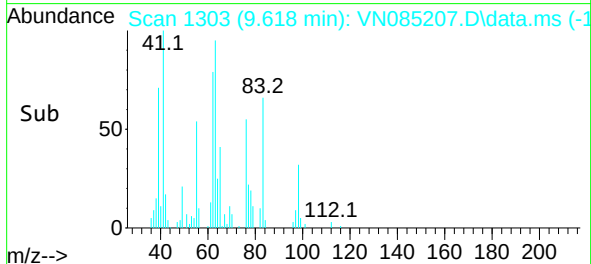
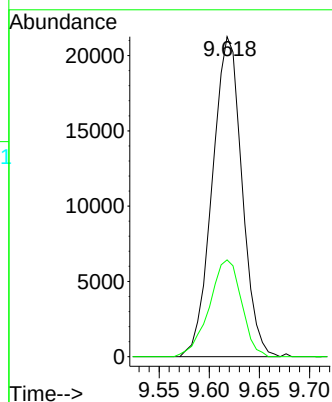
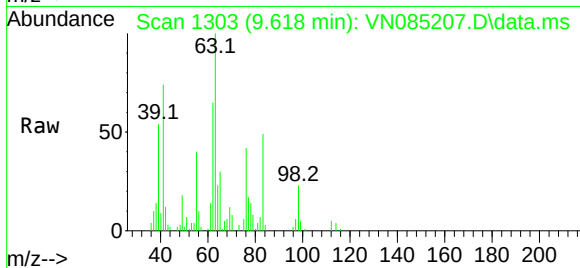
VSTDCCC020

Tgt Ion: 63 Resp: 43708

Ion Ratio Lower Upper

63 100

65 30.3 23.4 35.0



#40

Dibromomethane

Concen: 19.271 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085207.D

Acq: 16 Dec 2024 09:42

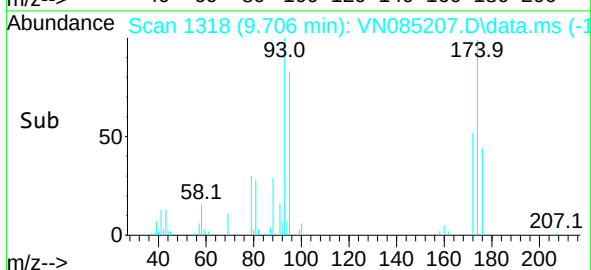
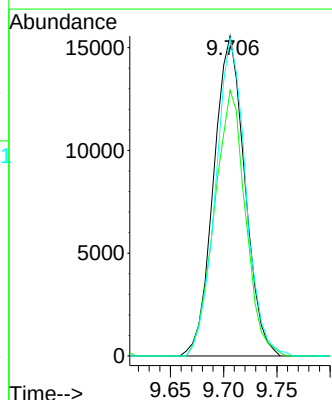
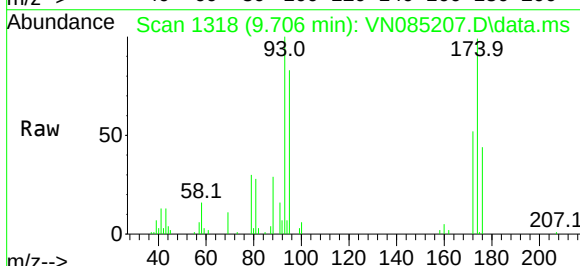
Tgt Ion: 93 Resp: 31562

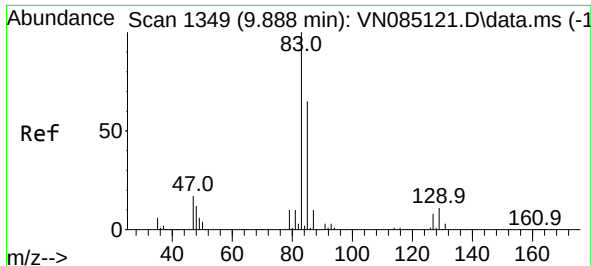
Ion Ratio Lower Upper

93 100

95 82.7 0.0 169.4

174 96.3 0.0 189.8

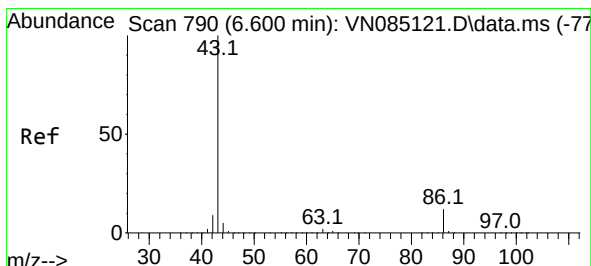
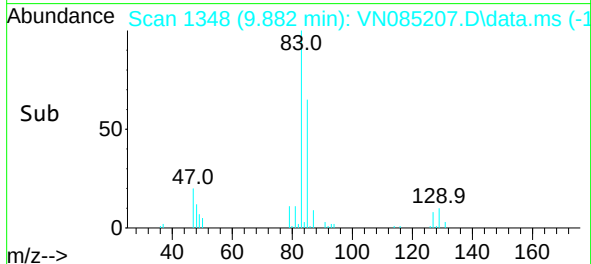
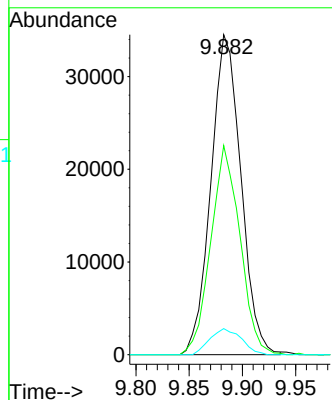
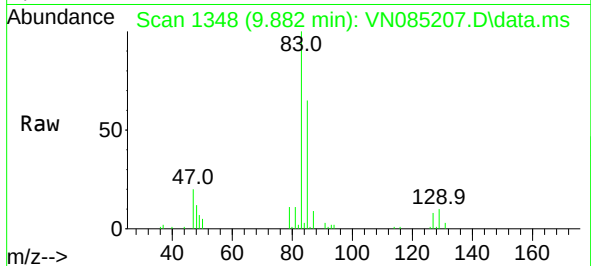




#41
Bromodichloromethane
Concen: 19.343 ug/l
RT: 9.882 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

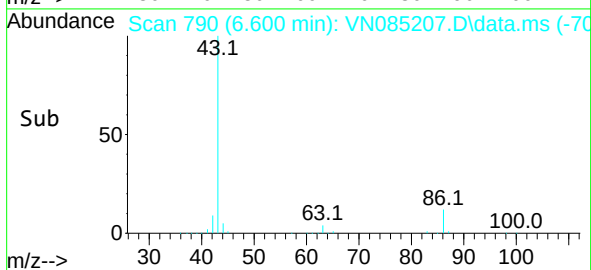
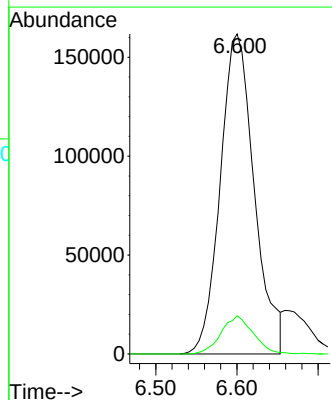
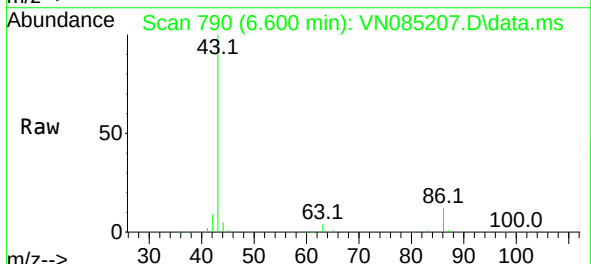
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

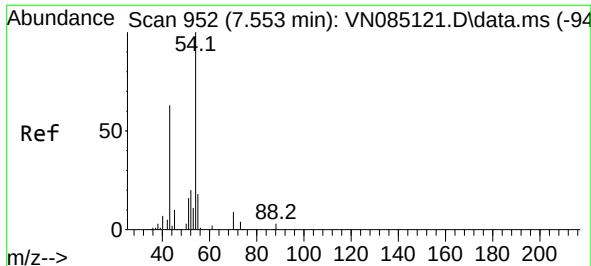
Tgt Ion: 83 Resp: 67723
Ion Ratio Lower Upper
83 100
85 65.3 54.6 81.8
127 8.1 7.0 10.6



#42
Vinyl Acetate
Concen: 97.906 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 43 Resp: 471771
Ion Ratio Lower Upper
43 100
86 11.2 9.2 13.8

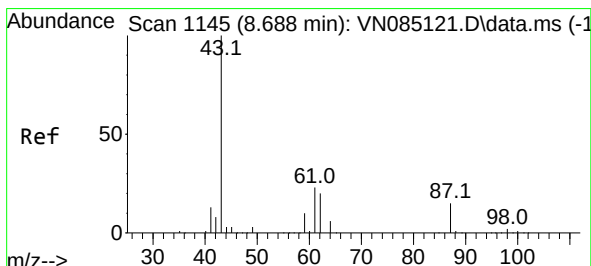
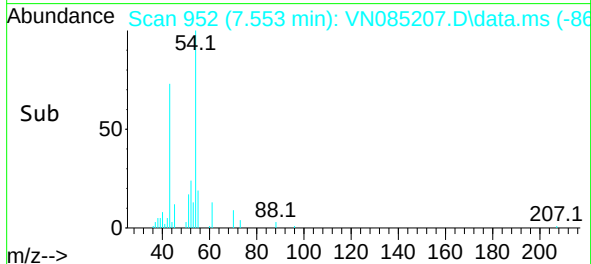
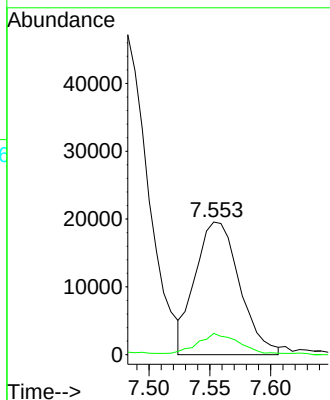
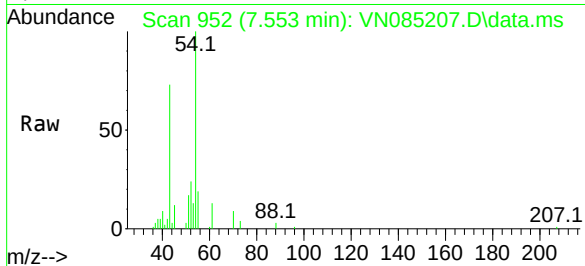




#43
Ethyl Acetate
Concen: 18.066 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

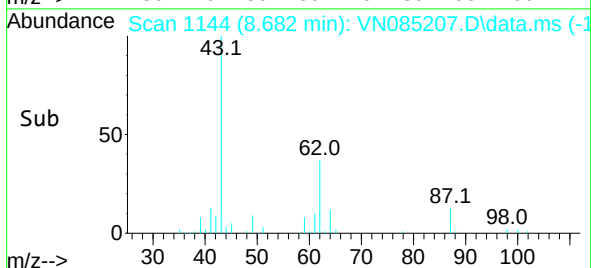
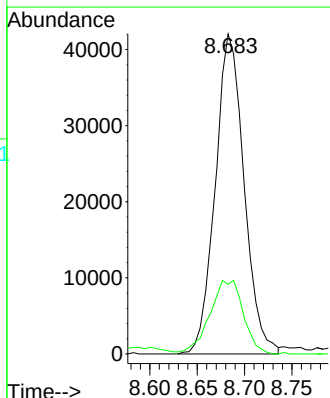
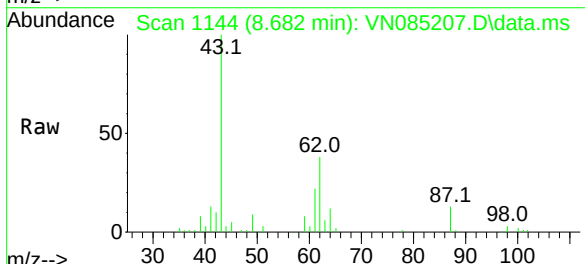
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

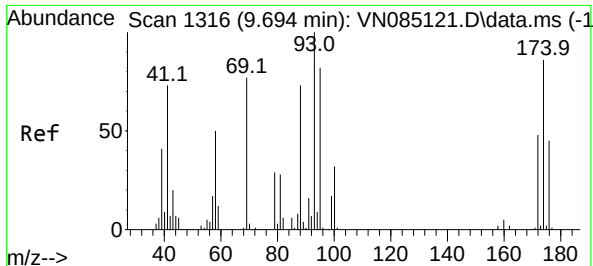
Tgt Ion: 43 Resp: 49499
Ion Ratio Lower Upper
43 100
45 14.9 13.3 19.9



#44
Isopropyl Acetate
Concen: 18.694 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 43 Resp: 89011
Ion Ratio Lower Upper
43 100
61 26.7 21.5 32.3





#45

1,4-Dioxane

Concen: 392.939 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN085207.D

Acq: 16 Dec 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

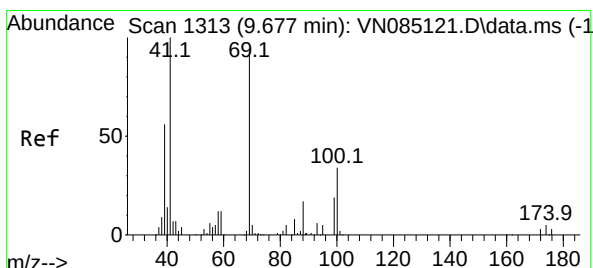
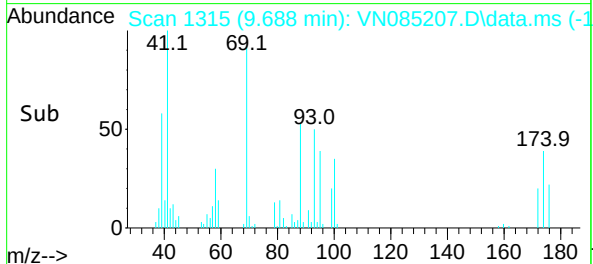
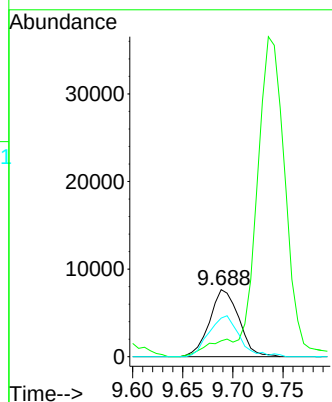
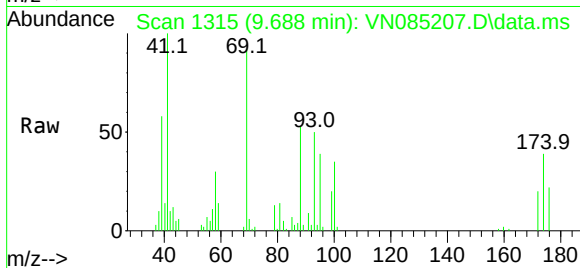
Tgt Ion: 88 Resp: 15602

Ion Ratio Lower Upper

88 100

43 24.2 21.7 32.5

58 62.3 52.6 79.0



#46

Methyl methacrylate

Concen: 18.632 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN085207.D

Acq: 16 Dec 2024 09:42

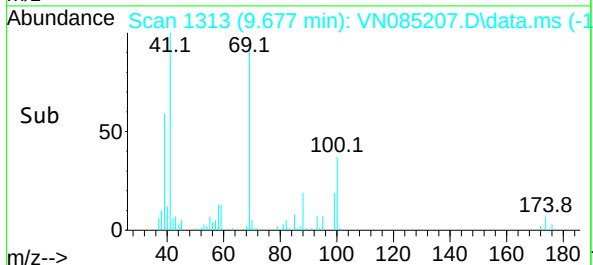
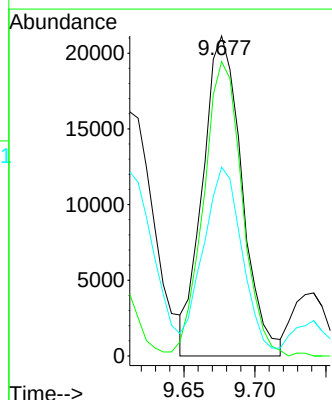
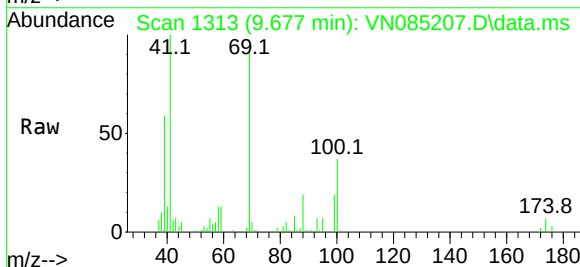
Tgt Ion: 41 Resp: 40601

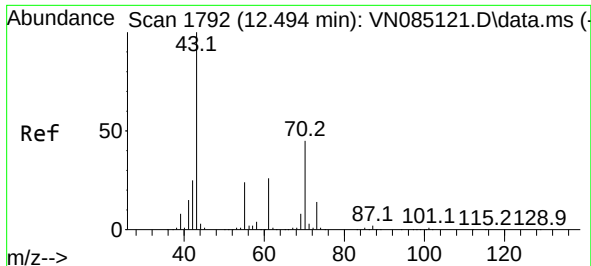
Ion Ratio Lower Upper

41 100

69 95.2 46.7 140.0

39 59.6 28.5 85.5

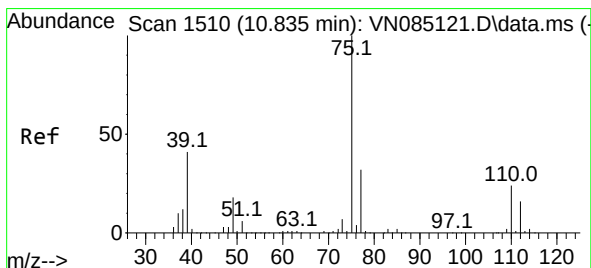
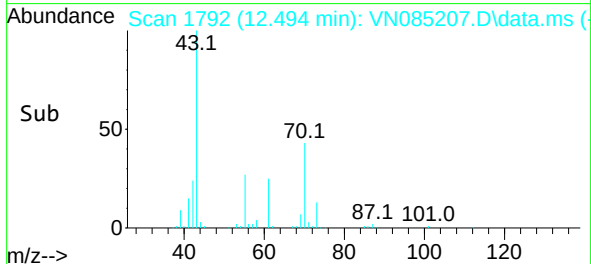
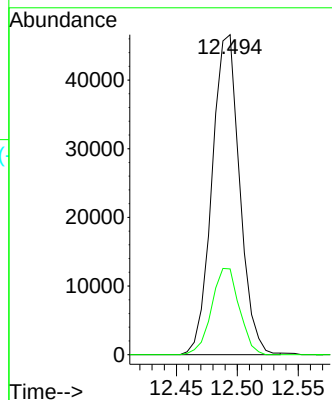
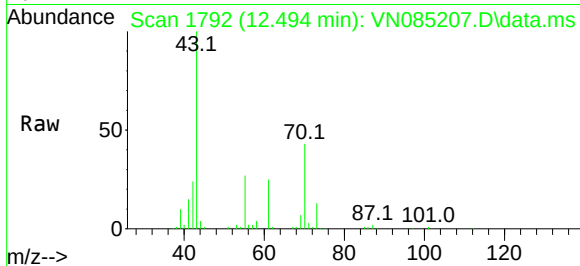




#47
n-amyl acetate
Concen: 18.361 ug/l
RT: 12.494 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

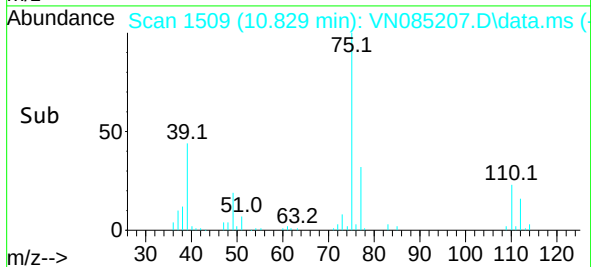
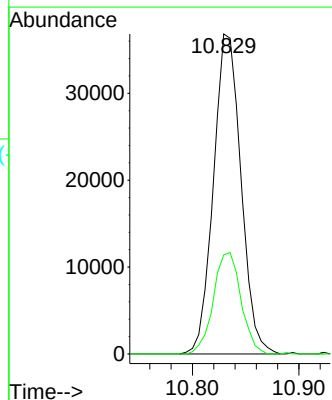
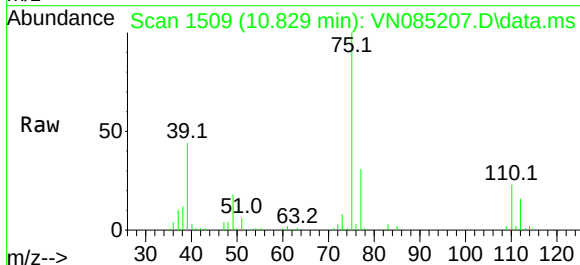
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

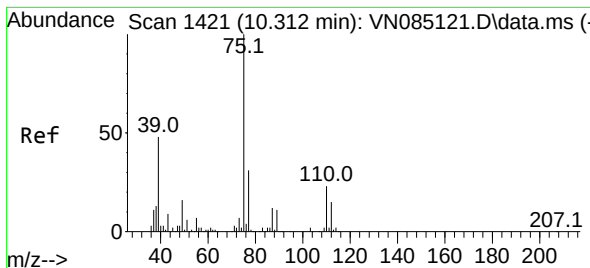
Tgt Ion: 43 Resp: 73556
Ion Ratio Lower Upper
43 100
55 27.0 23.3 34.9



#48
t-1,3-Dichloropropene
Concen: 19.202 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 75 Resp: 65995
Ion Ratio Lower Upper
75 100
77 30.9 25.5 38.3

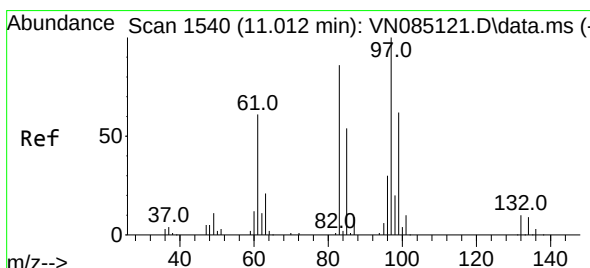
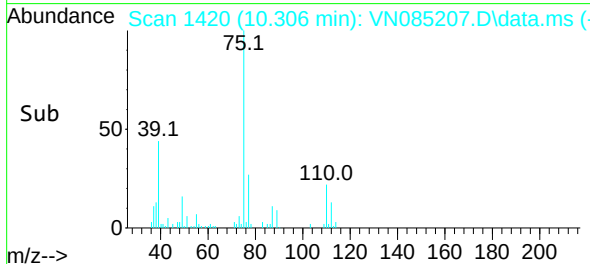
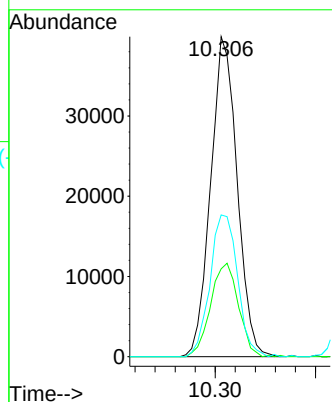
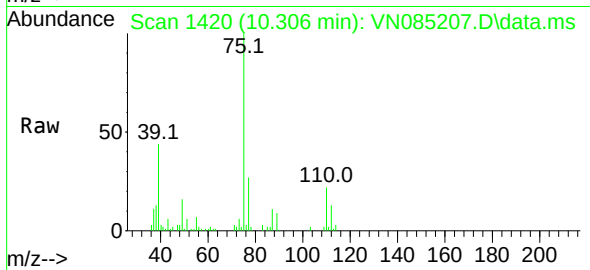




#49
cis-1,3-Dichloropropene
Concen: 19.544 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

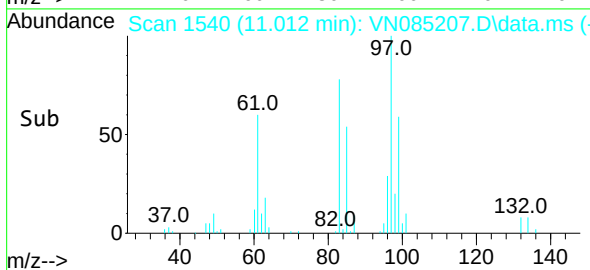
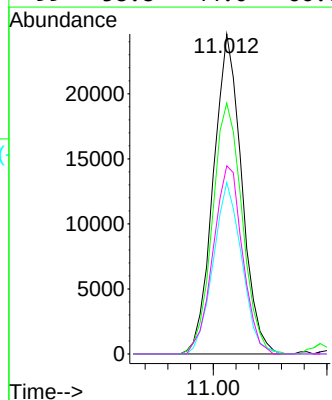
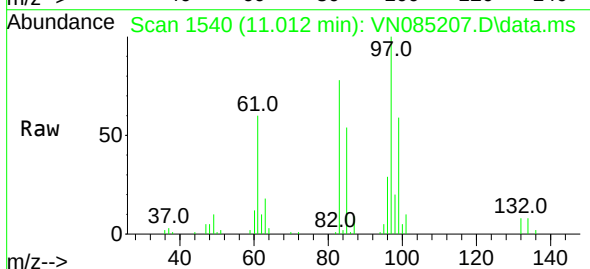
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

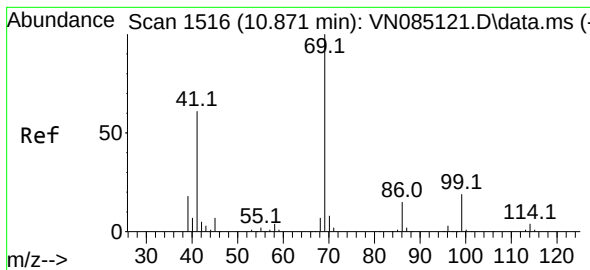
Tgt Ion: 75	Resp: 73124
Ion Ratio	Lower Upper
75 100	
77 27.5	23.8 35.6
39 44.3	37.3 55.9



#50
1,1,2-Trichloroethane
Concen: 19.311 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 97	Resp: 42618
Ion Ratio	Lower Upper
97 100	
83 78.4	65.8 98.8
85 53.5	40.8 61.2
99 58.8	44.0 66.0

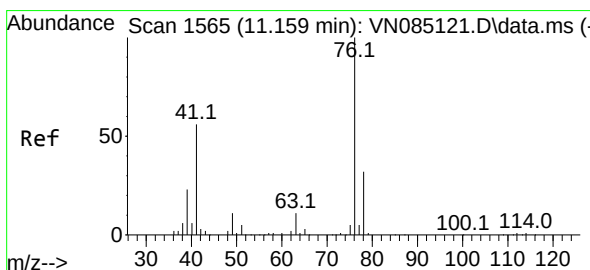
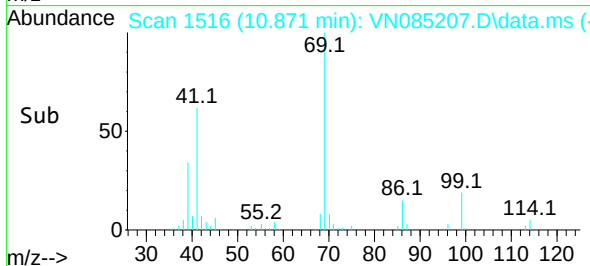
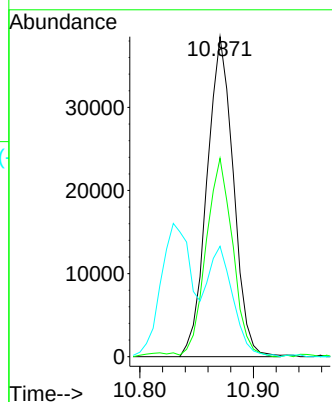
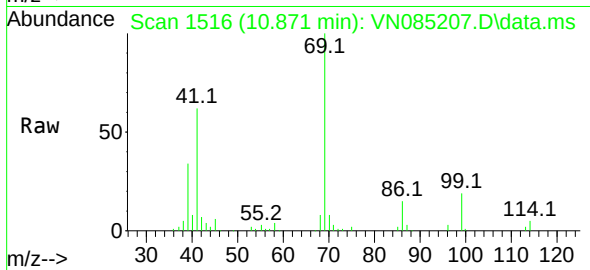




#51
Ethyl methacrylate
Concen: 18.569 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

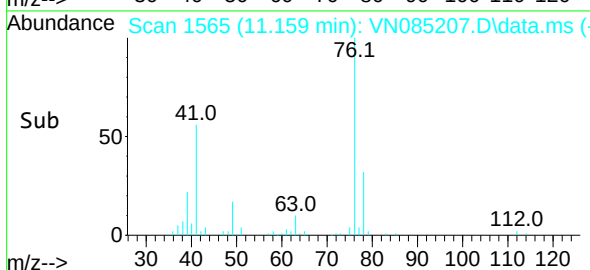
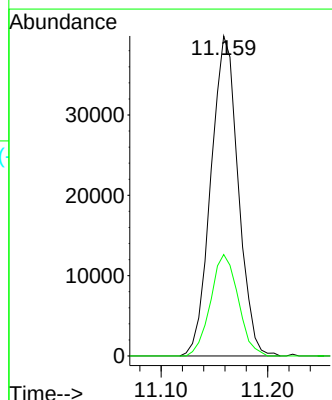
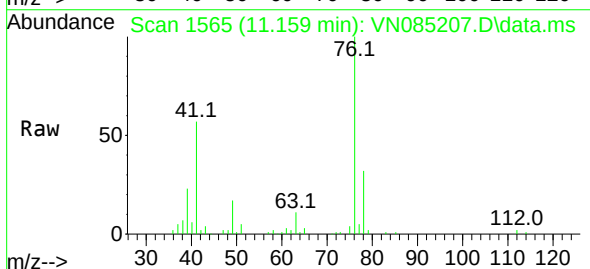
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

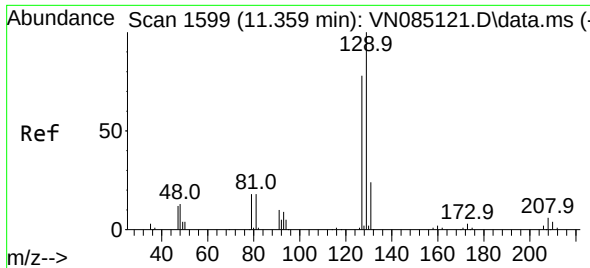
Tgt Ion: 69 Resp: 62332
Ion Ratio Lower Upper
69 100
41 62.0 32.1 96.3
39 34.5 18.8 56.4



#52
1,3-Dichloropropane
Concen: 19.192 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 76 Resp: 70887
Ion Ratio Lower Upper
76 100
78 32.1 0.0 65.6

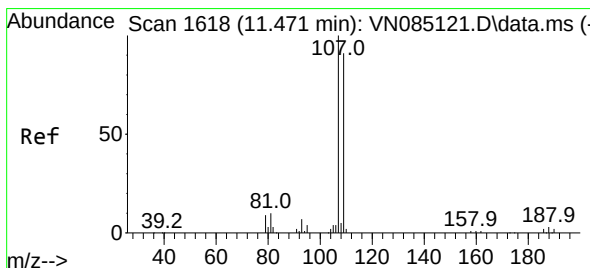
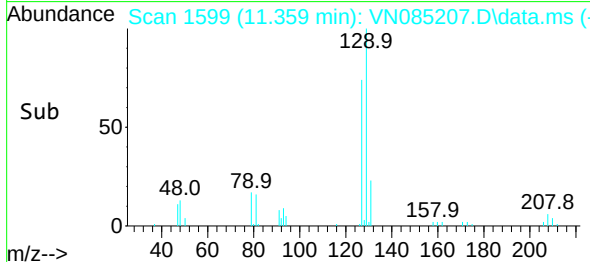
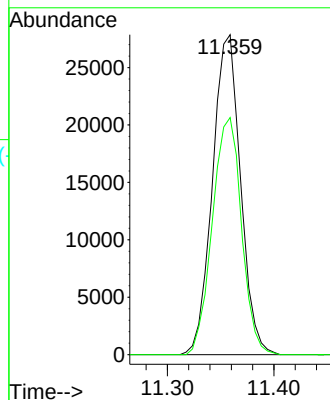
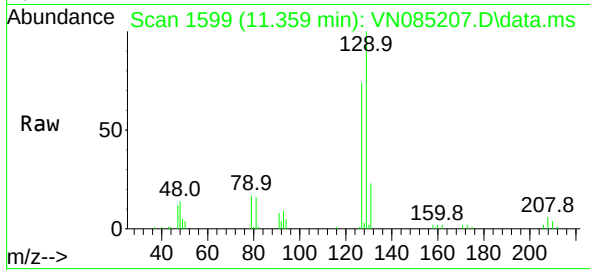




#53
Dibromochloromethane
Concen: 18.970 ug/l
RT: 11.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

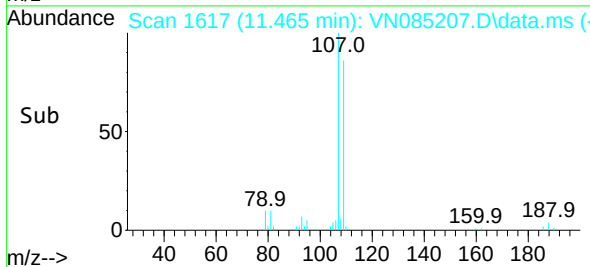
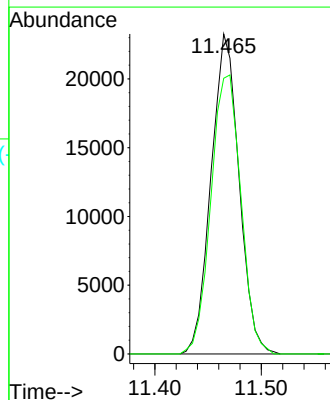
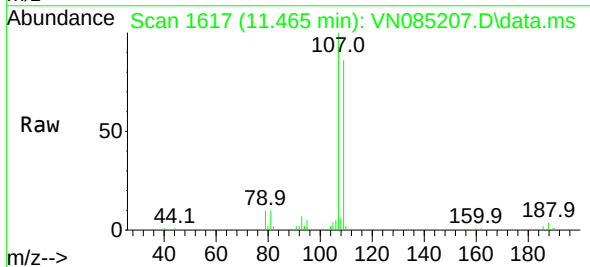
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

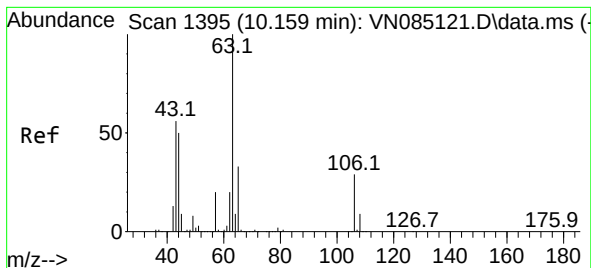
Tgt Ion:129 Resp: 51019
Ion Ratio Lower Upper
129 100
127 76.8 37.3 111.9



#54
1,2-Dibromoethane
Concen: 19.116 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion:107 Resp: 42506
Ion Ratio Lower Upper
107 100
109 93.2 75.2 112.8

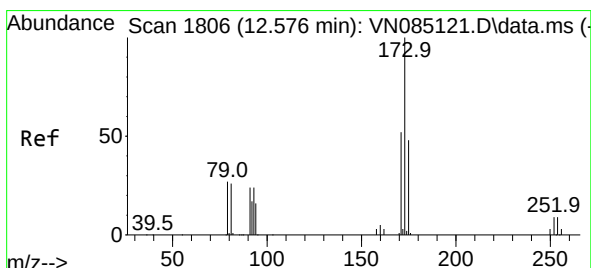
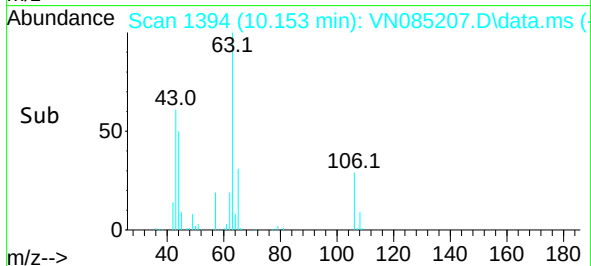
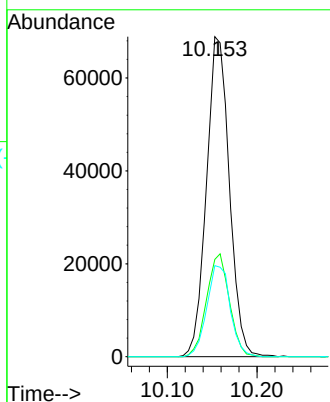
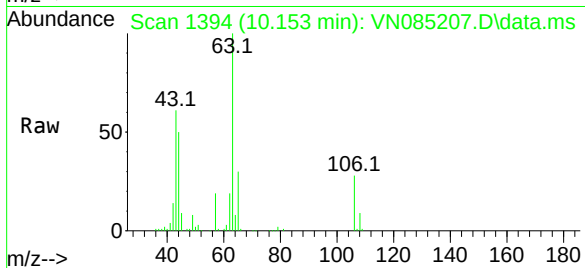




#55
2-Chloroethyl vinyl ether
Concen: 78.348 ug/l
RT: 10.153 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

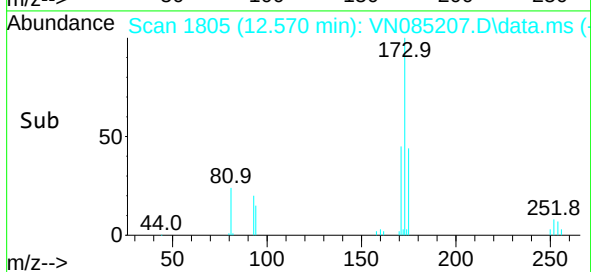
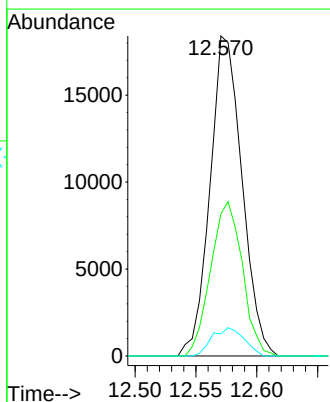
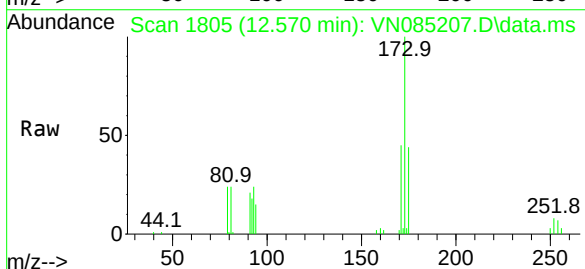
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

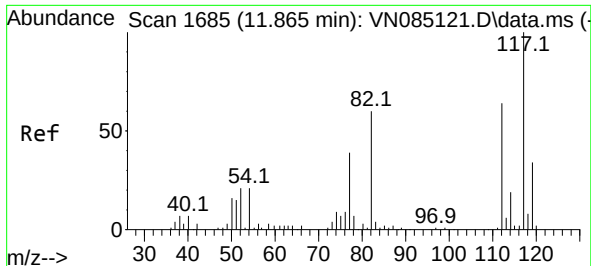
Tgt Ion: 63 Resp: 122170
Ion Ratio Lower Upper
63 100
65 31.9 25.9 38.9
106 29.2 23.5 35.3



#56
Bromoform
Concen: 18.650 ug/l
RT: 12.570 min Scan# 1805
Delta R.T. -0.006 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 173 Resp: 33630
Ion Ratio Lower Upper
173 100
175 47.7 40.2 60.2
254 8.9 6.2 9.4





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085207.D

Acq: 16 Dec 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

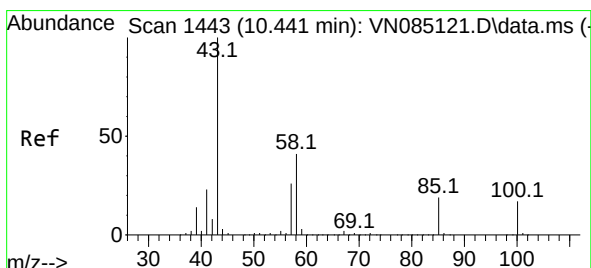
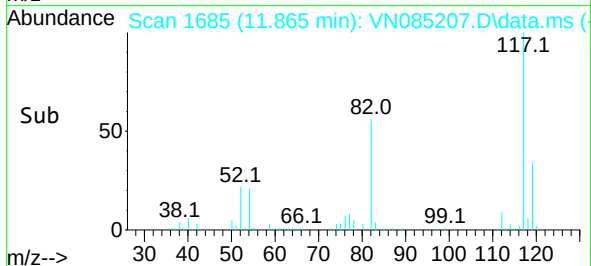
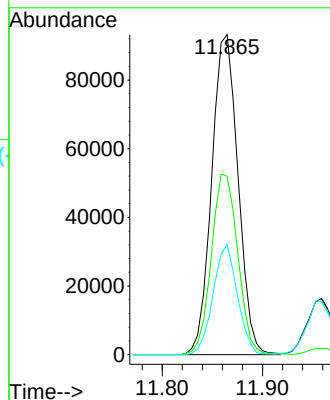
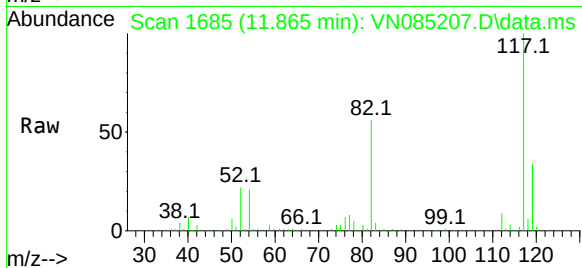
Tgt Ion:117 Resp: 170233

Ion Ratio Lower Upper

117 100

82 56.8 44.2 66.4

119 31.8 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 91.560 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN085207.D

Acq: 16 Dec 2024 09:42

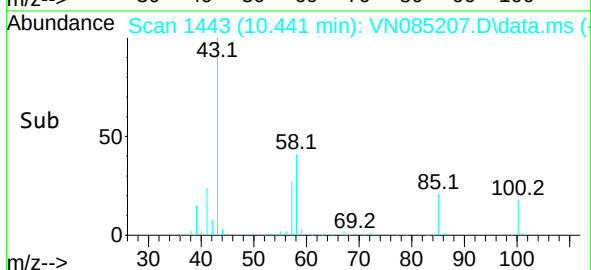
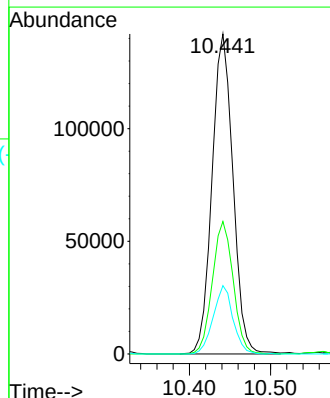
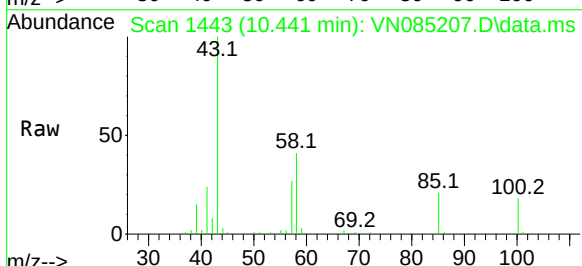
Tgt Ion: 43 Resp: 254378

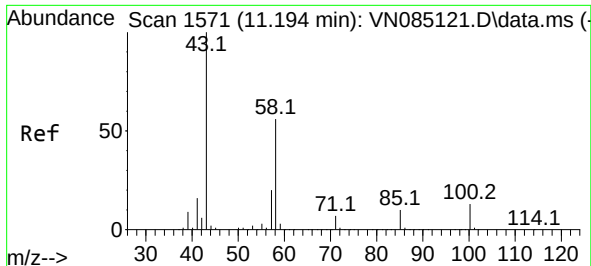
Ion Ratio Lower Upper

43 100

58 41.1 31.6 47.4

85 20.2 15.0 22.6

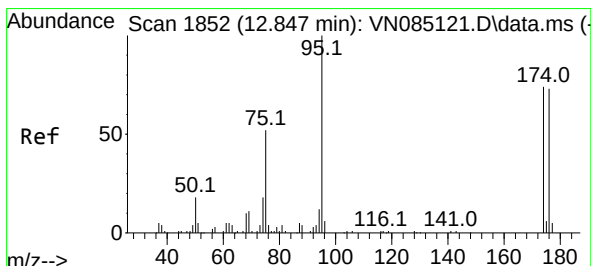
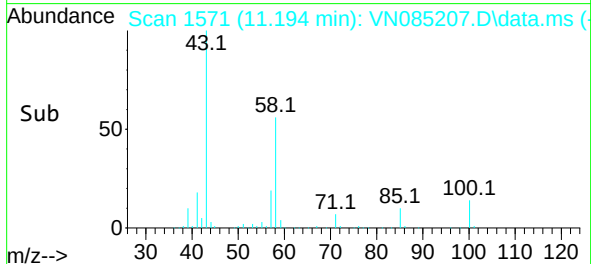
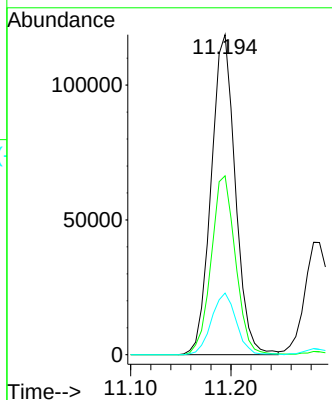
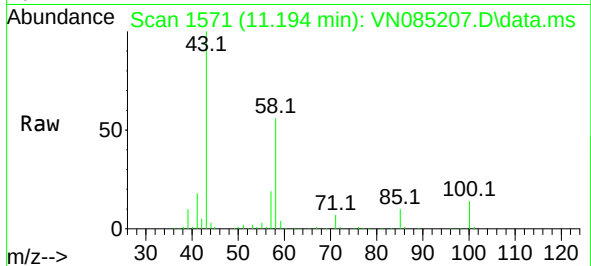




#59
2-Hexanone
Concen: 94.267 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

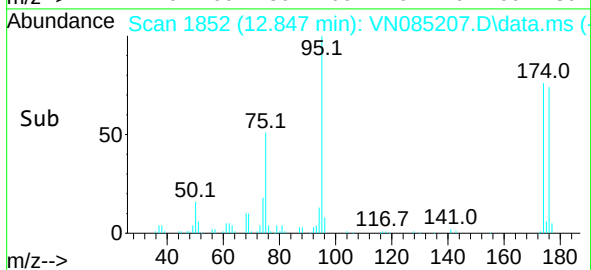
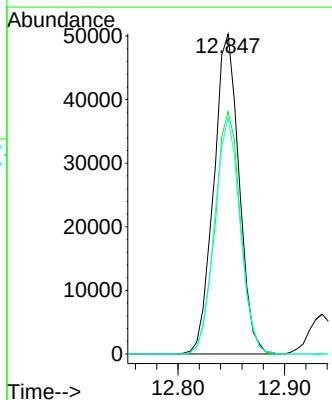
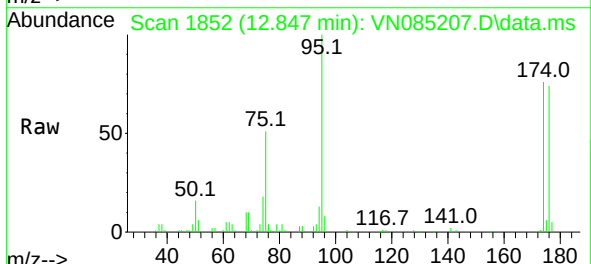
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

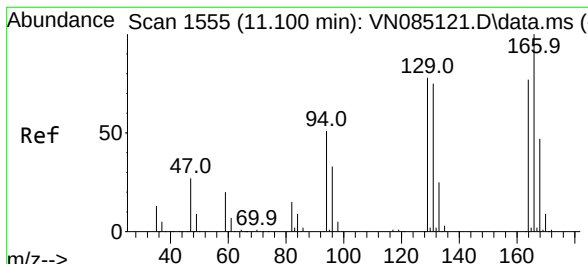
Tgt Ion: 43 Resp: 198443
Ion Ratio Lower Upper
43 100
58 56.2 43.6 65.4
57 19.6 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 29.423 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 95 Resp: 82875
Ion Ratio Lower Upper
95 100
174 76.4 60.3 90.5
176 74.9 57.4 86.0

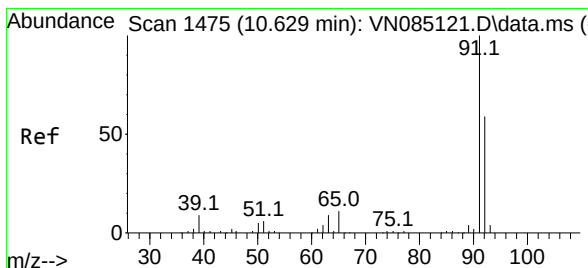
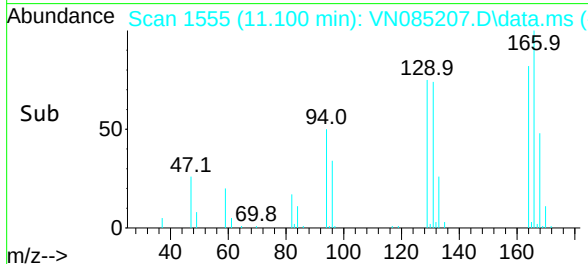
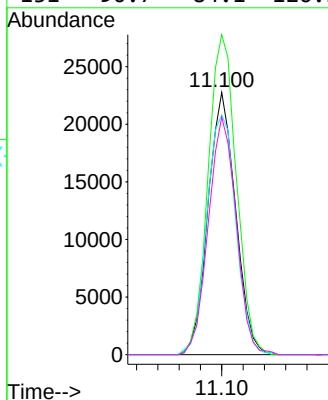
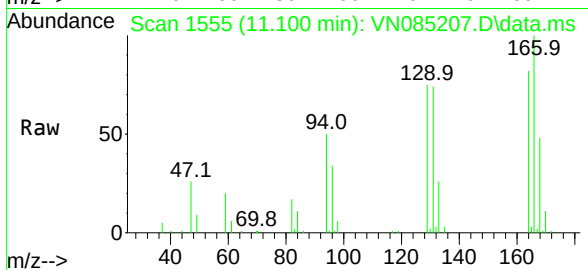




#61
Tetrachloroethene
Concen: 19.885 ug/l
RT: 11.100 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

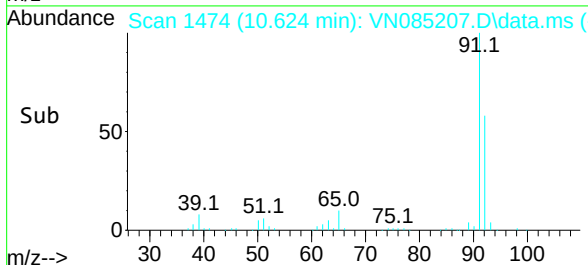
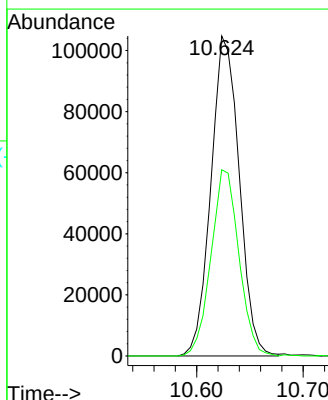
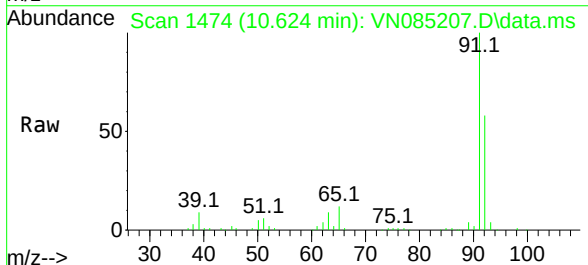
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

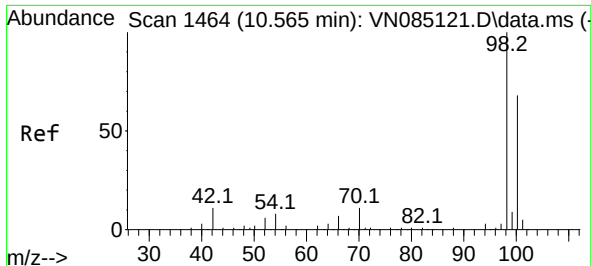
Tgt Ion:164 Resp: 40993
Ion Ratio Lower Upper
164 100
166 122.0 103.8 155.8
129 91.5 84.2 126.4
131 90.7 84.1 126.1



#62
Toluene
Concen: 19.467 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 91 Resp: 193265
Ion Ratio Lower Upper
91 100
92 57.4 46.5 69.7

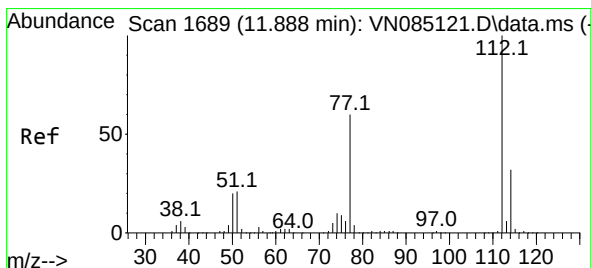
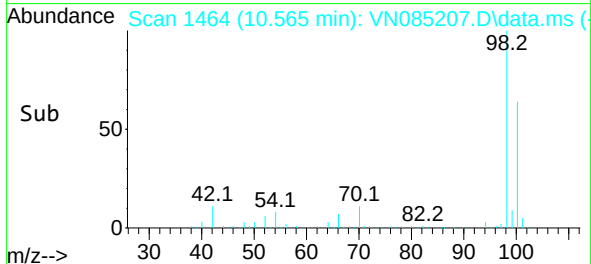
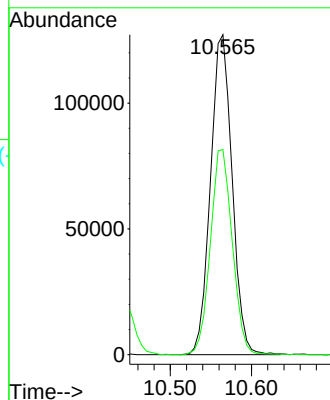
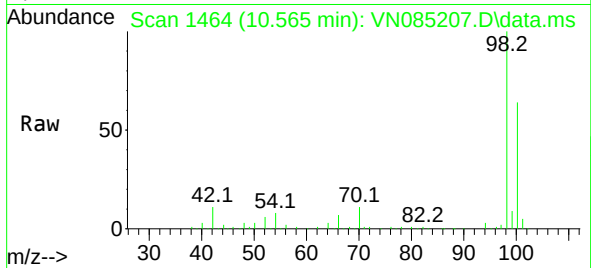




#63
Toluene-d8
Concen: 29.497 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

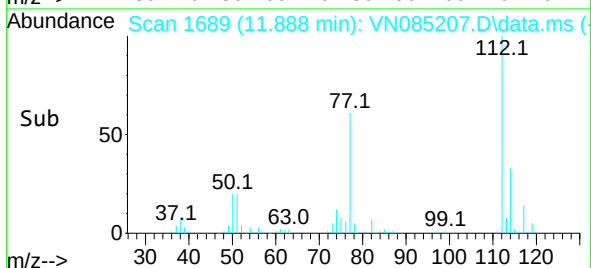
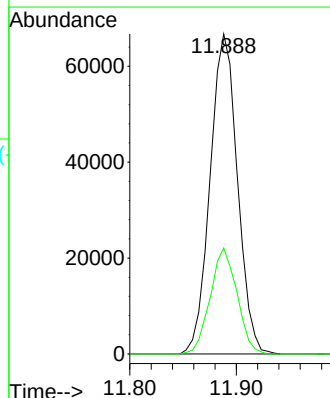
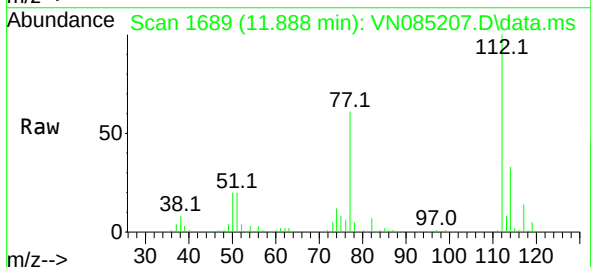
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

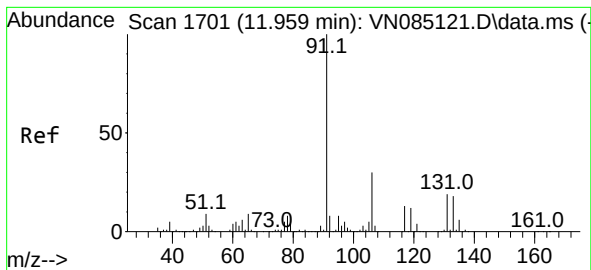
Tgt Ion: 98 Resp: 235545
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#64
Chlorobenzene
Concen: 19.419 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 112 Resp: 119028
Ion Ratio Lower Upper
112 100
114 33.1 26.0 39.0

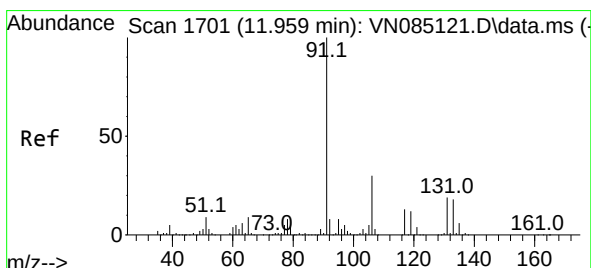
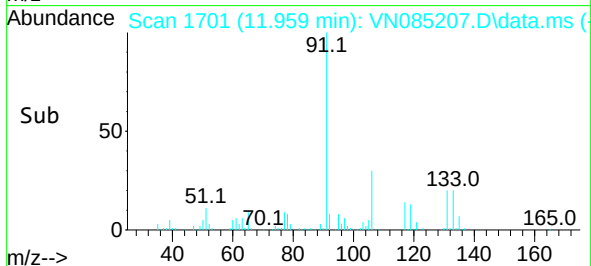
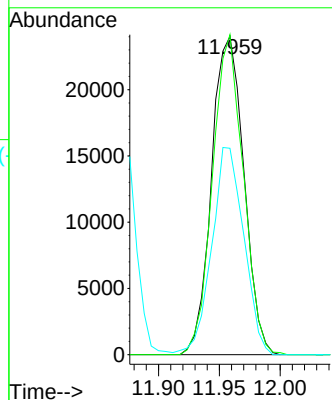
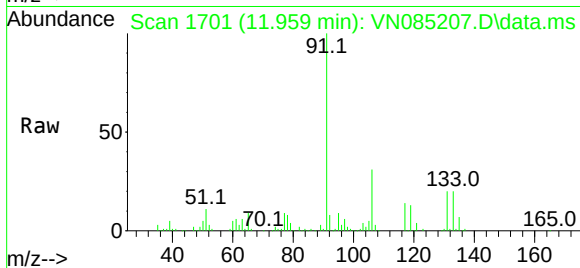




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.379 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN085207.D
 Acq: 16 Dec 2024 09:42

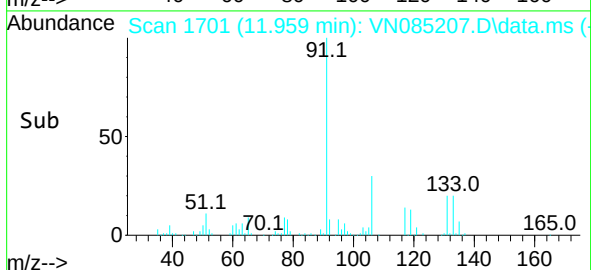
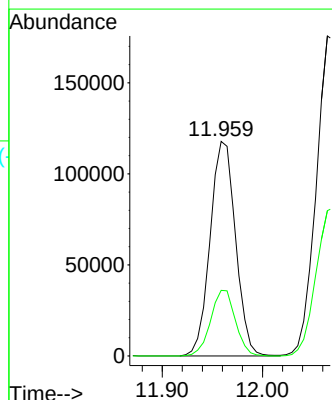
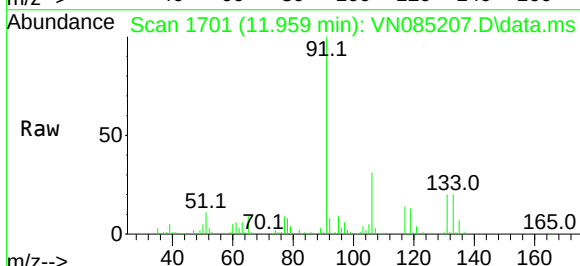
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

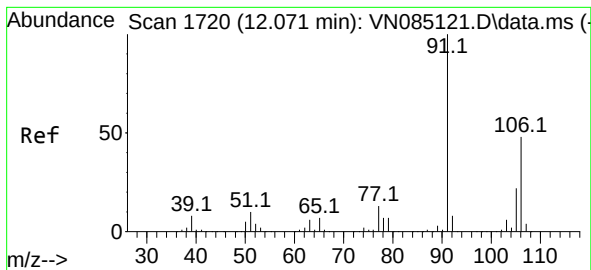
Tgt Ion:131 Resp: 44343
 Ion Ratio Lower Upper
 131 100
 133 95.8 0.0 194.0
 119 64.6 0.0 131.8



#66
 Ethyl Benzene
 Concen: 19.728 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.006 min
 Lab File: VN085207.D
 Acq: 16 Dec 2024 09:42

Tgt Ion: 91 Resp: 207827
 Ion Ratio Lower Upper
 91 100
 106 30.6 23.1 34.7

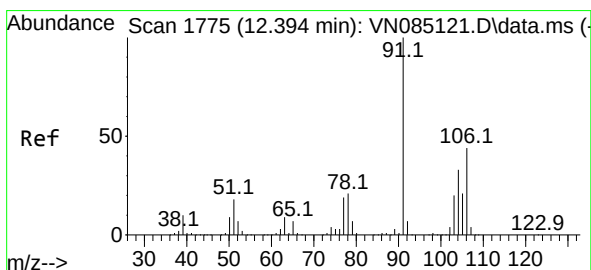
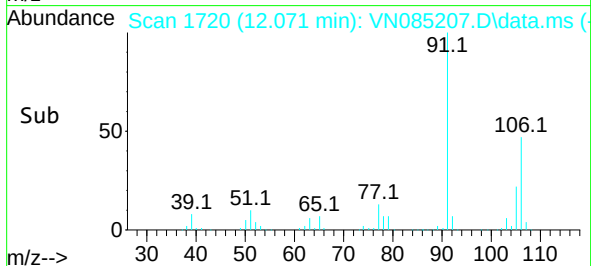
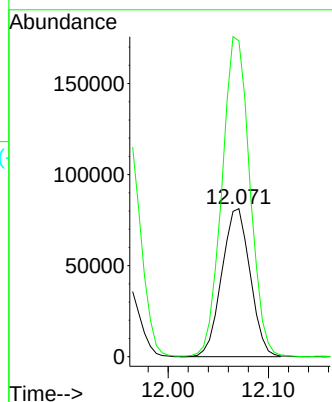
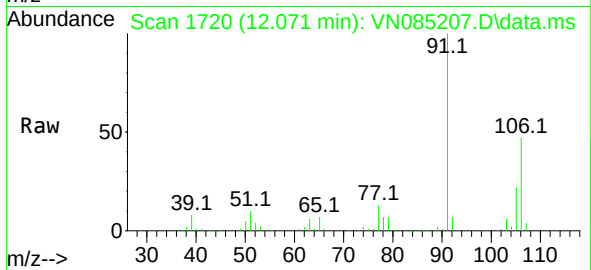




#67
m/p-Xylenes
Concen: 39.379 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

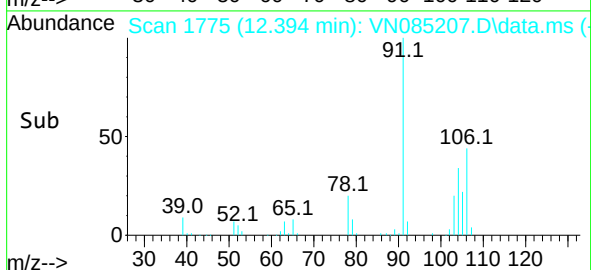
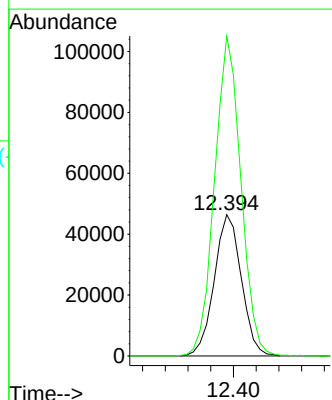
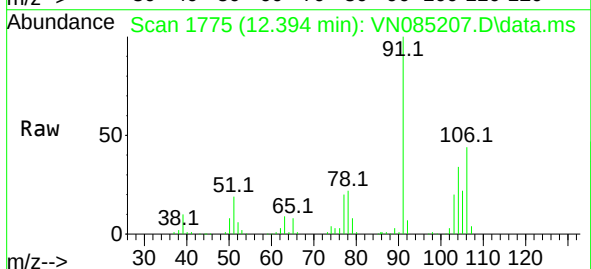
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

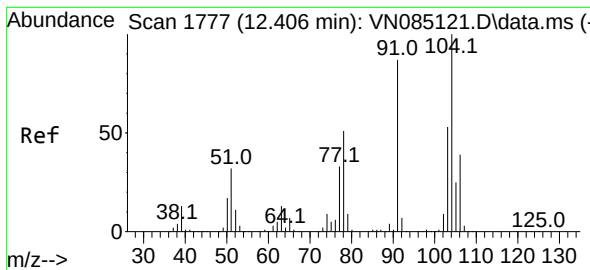
Tgt Ion:106 Resp: 159560
Ion Ratio Lower Upper
106 100
91 212.7 165.0 247.4



#68
o-Xylene
Concen: 20.208 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion:106 Resp: 76900
Ion Ratio Lower Upper
106 100
91 220.1 112.1 336.4





#69

Styrene

Concen: 19.998 ug/l

RT: 12.406 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN085207.D

Acq: 16 Dec 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

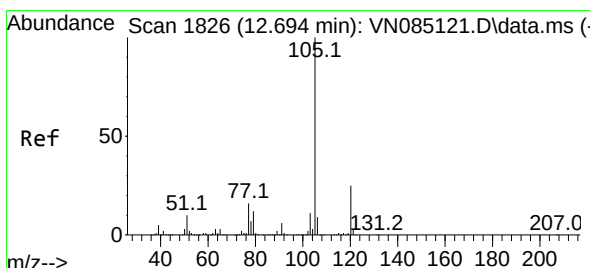
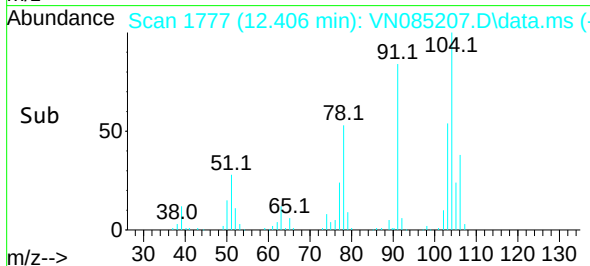
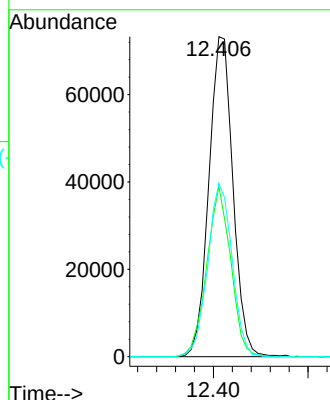
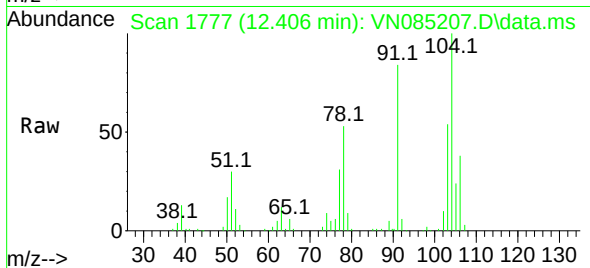
Tgt Ion:104 Resp: 129131

Ion Ratio Lower Upper

104 100

78 52.8 42.3 63.5

103 55.1 44.4 66.6



#70

Isopropylbenzene

Concen: 20.013 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085207.D

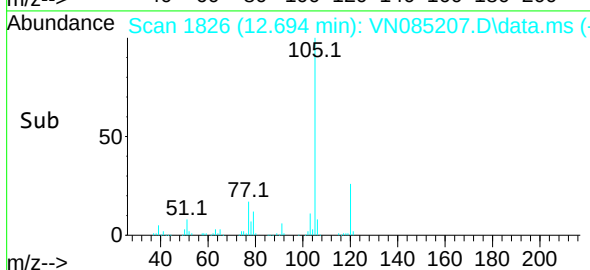
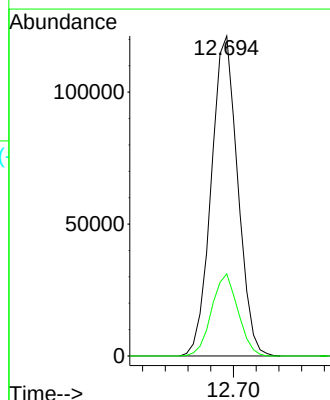
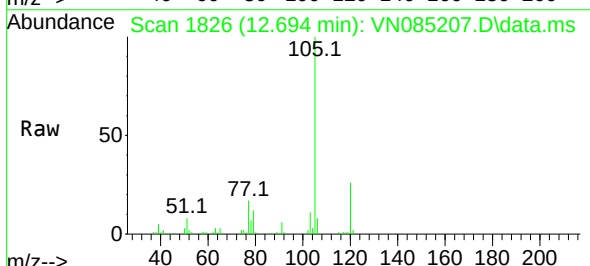
Acq: 16 Dec 2024 09:42

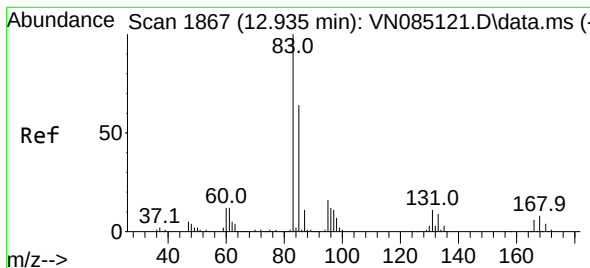
Tgt Ion:105 Resp: 196429

Ion Ratio Lower Upper

105 100

120 25.5 18.3 33.9

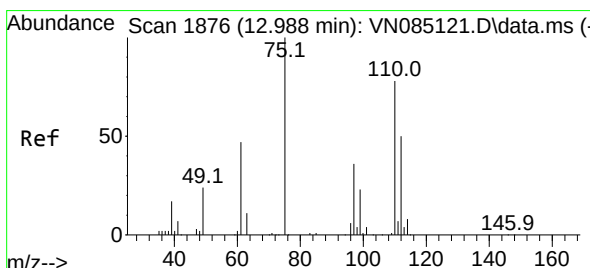
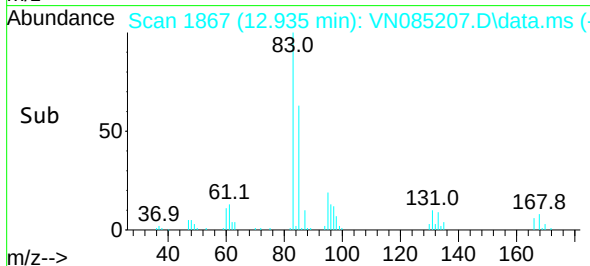
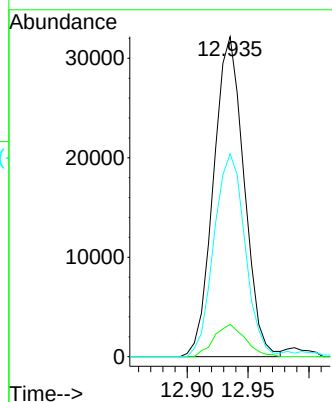
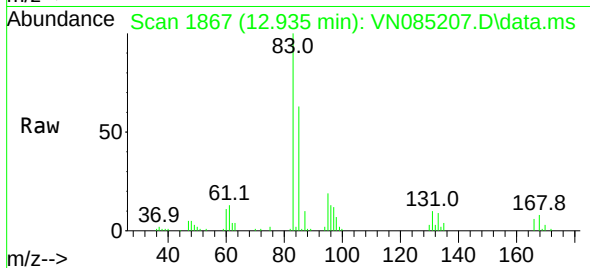




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.796 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN085207.D
 Acq: 16 Dec 2024 09:42

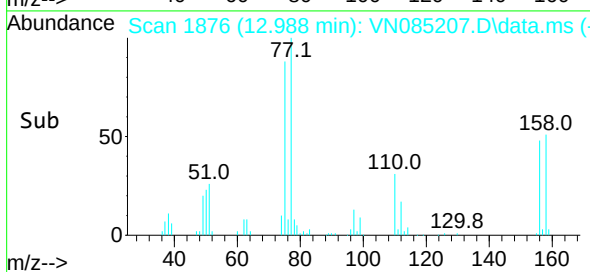
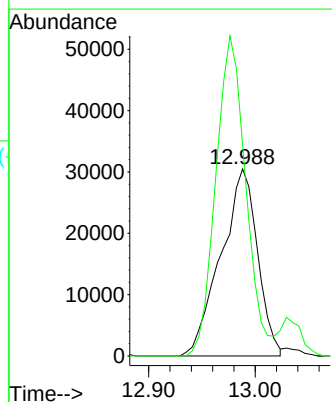
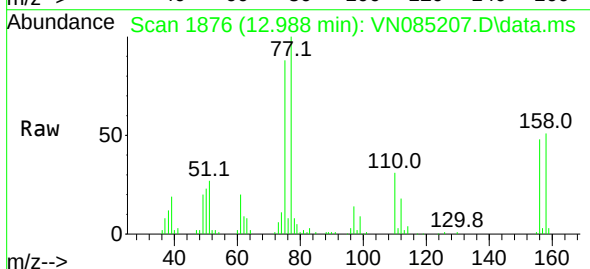
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

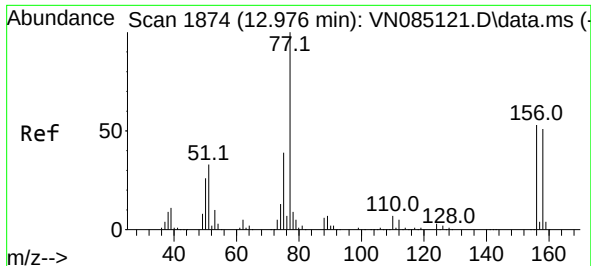
Tgt Ion: 83 Resp: 56150
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.1 15.3
 85 64.2 31.1 93.5



#72
 1,2,3-Trichloropropane
 Concen: 24.658 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VN085207.D
 Acq: 16 Dec 2024 09:42

Tgt Ion: 75 Resp: 72767
 Ion Ratio Lower Upper
 75 100
 77 140.4 0.0 339.0

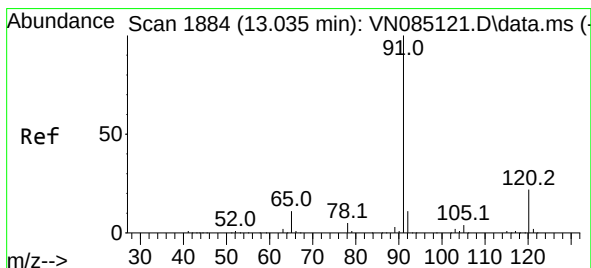
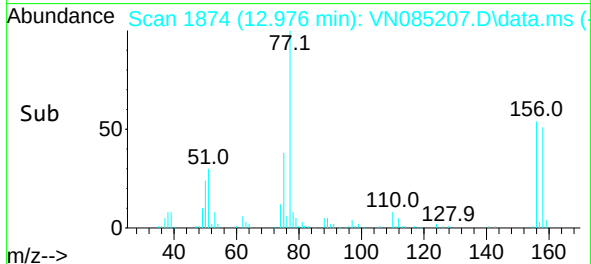
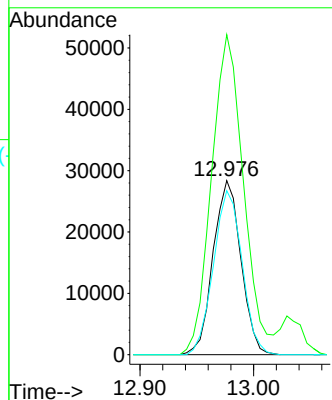
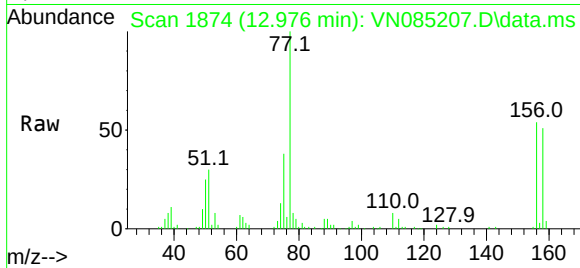




#73
Bromobenzene
Concen: 19.638 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

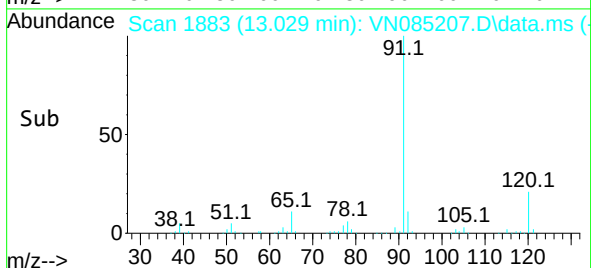
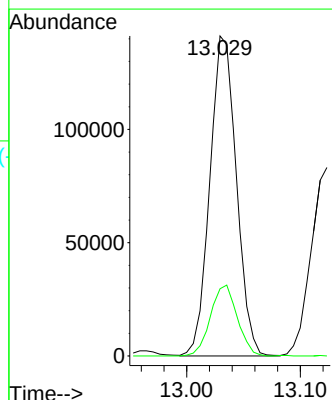
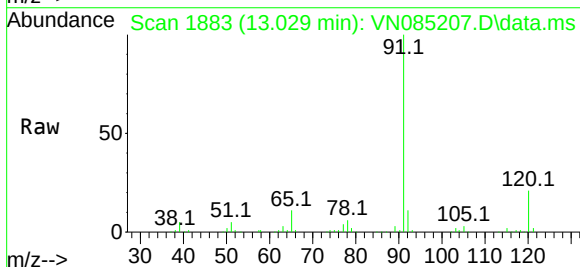
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

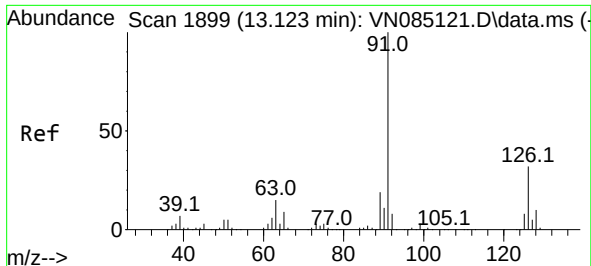
Tgt Ion:156 Resp: 48280
Ion Ratio Lower Upper
156 100
77 211.6 0.0 430.4
158 97.0 0.0 195.2



#74
n-propylbenzene
Concen: 19.456 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 91 Resp: 229571
Ion Ratio Lower Upper
91 100
120 22.3 0.0 44.0

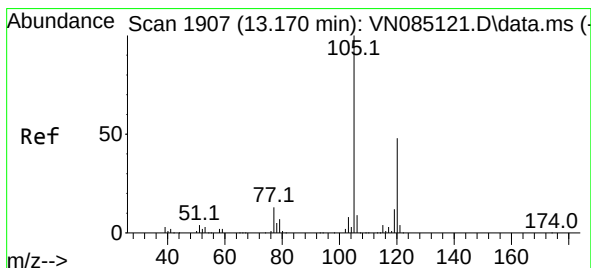
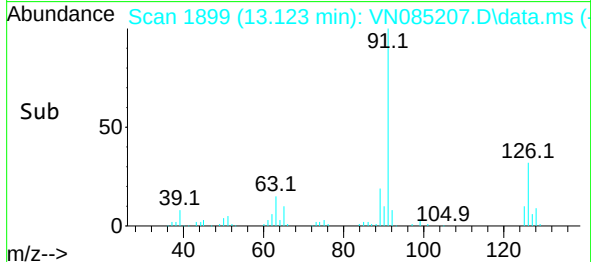
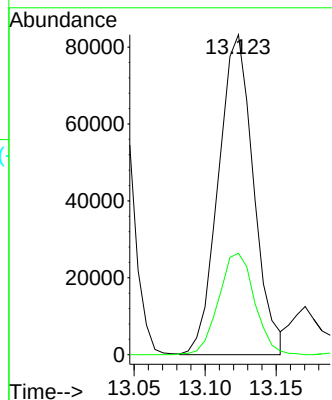
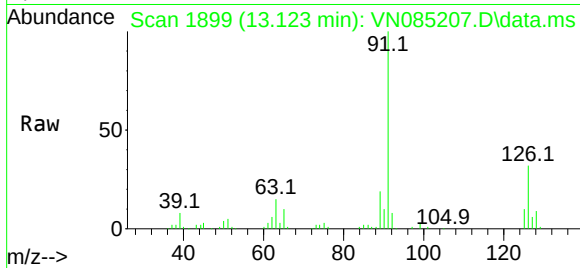




#75
2-Chlorotoluene
Concen: 19.627 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

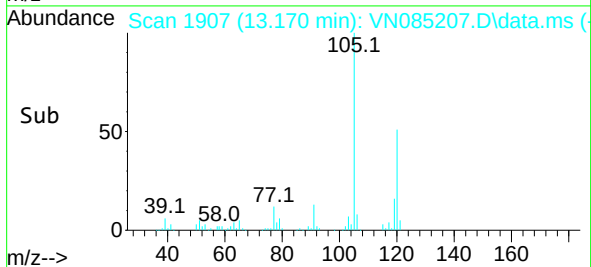
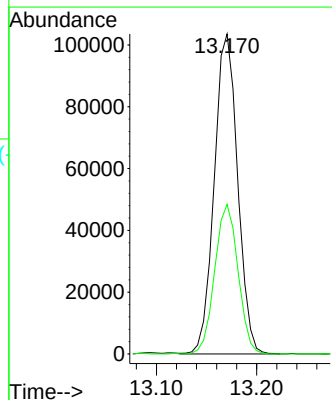
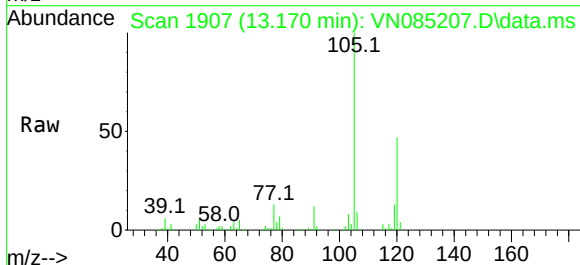
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

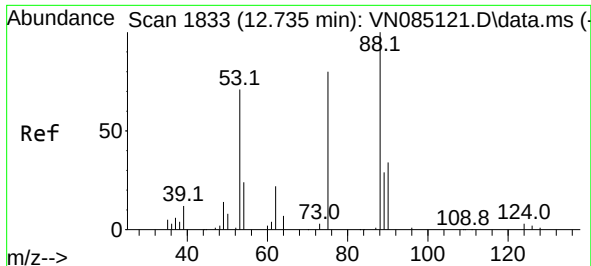
Tgt Ion: 91 Resp: 143192
Ion Ratio Lower Upper
91 100
126 32.3 0.0 64.2



#76
1,3,5-Trimethylbenzene
Concen: 19.931 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 105 Resp: 167597
Ion Ratio Lower Upper
105 100
120 46.5 0.0 94.4

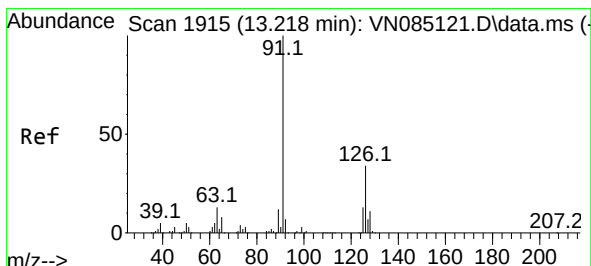
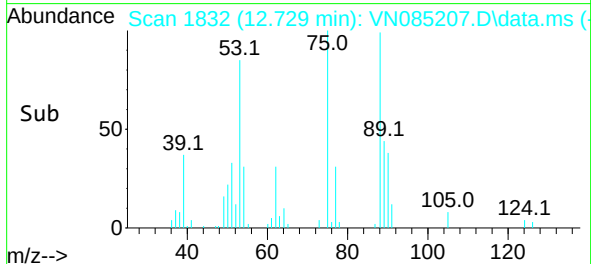
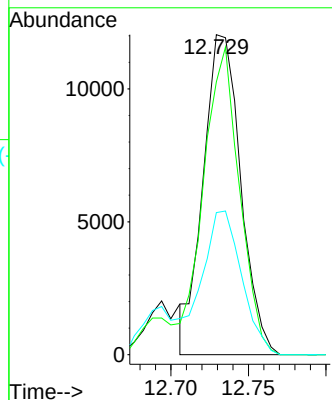
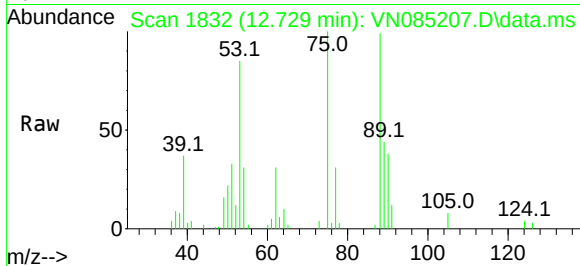




#77
t-1,4-Dichloro-2-butene
Concen: 18.888 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

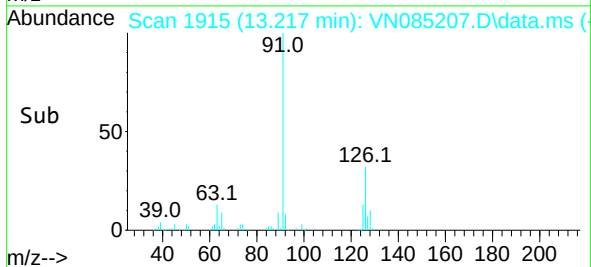
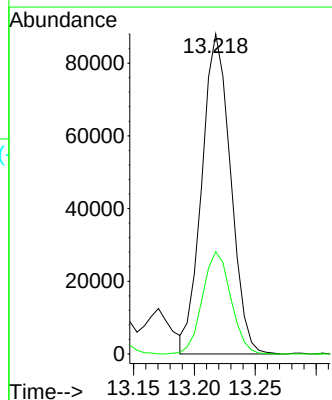
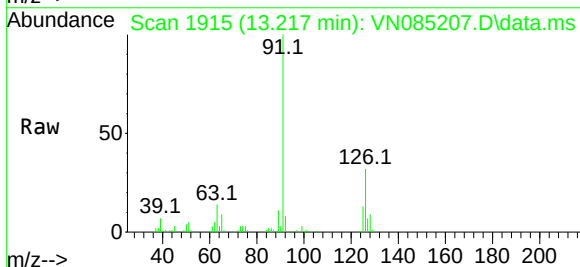
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

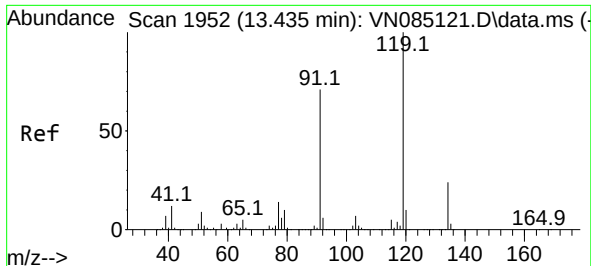
Tgt Ion: 75 Resp: 20254
Ion Ratio Lower Upper
75 100
53 85.3 49.1 147.3
89 44.4 22.9 68.5



#78
4-Chlorotoluene
Concen: 19.557 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 91 Resp: 144822
Ion Ratio Lower Upper
91 100
126 31.4 0.0 64.4

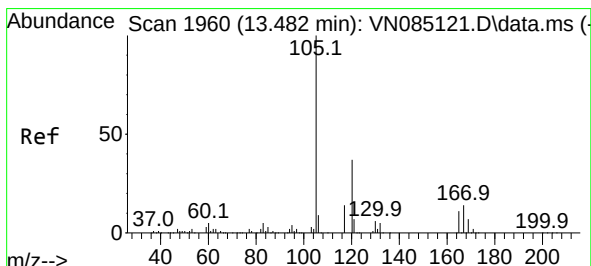
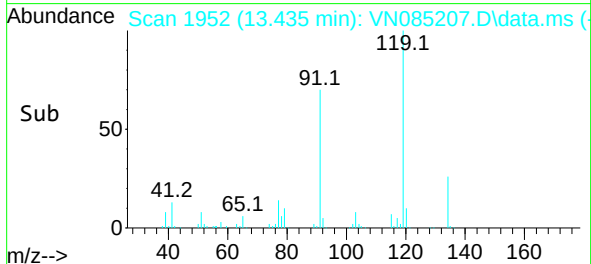
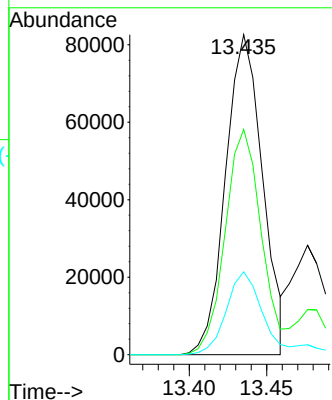
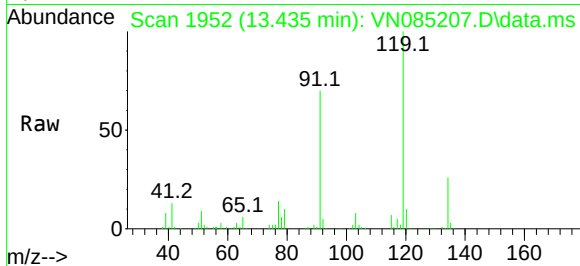




#79
tert-butylbenzene
Concen: 19.890 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

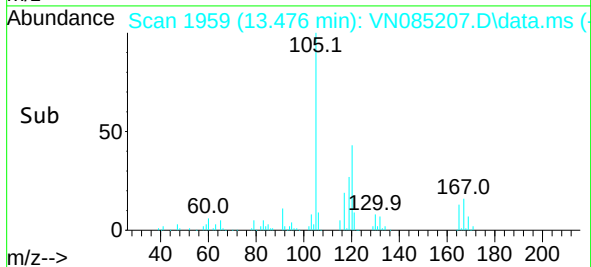
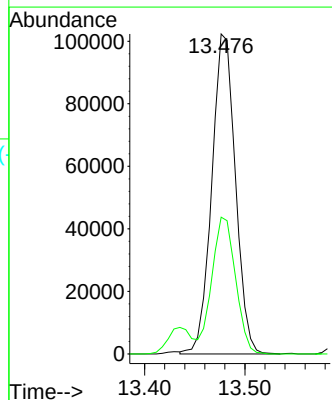
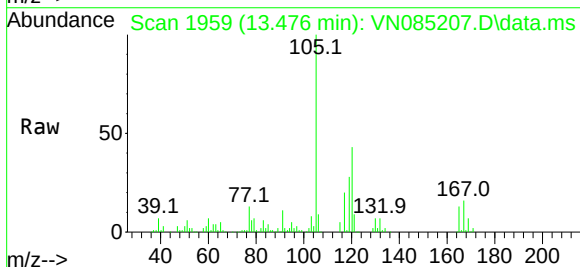
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

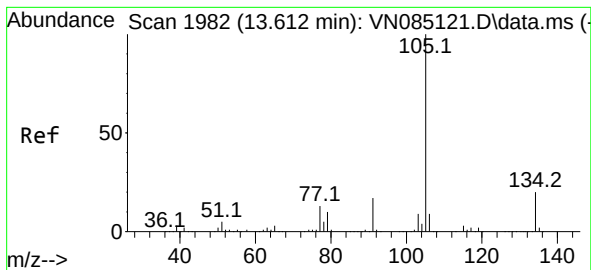
Tgt Ion:119 Resp: 137376
Ion Ratio Lower Upper
119 100
91 68.0 0.0 139.2
134 24.8 0.0 48.0



#80
1,2,4-Trimethylbenzene
Concen: 20.193 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion:105 Resp: 167722
Ion Ratio Lower Upper
105 100
120 42.7 0.0 87.4





#81

sec-Butylbenzene

Concen: 19.466 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN085207.D

Acq: 16 Dec 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

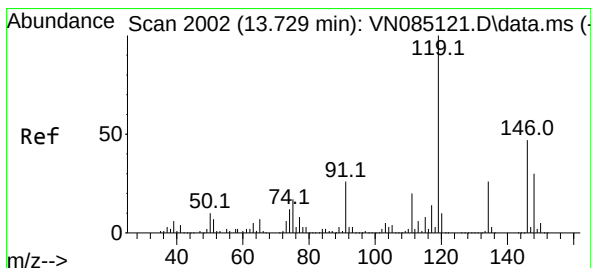
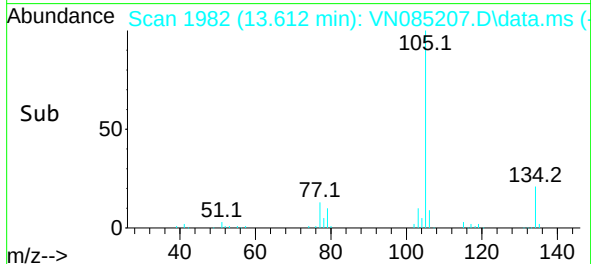
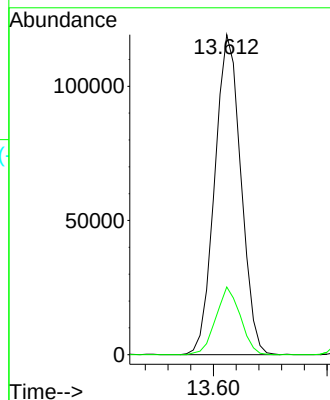
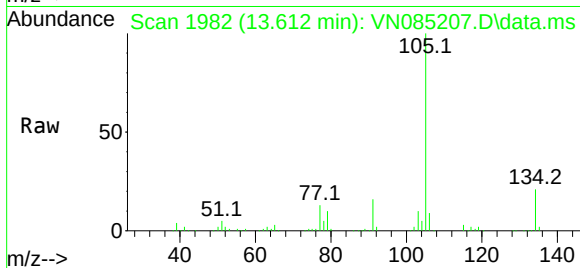
VSTDCCC020

Tgt Ion:105 Resp: 191002

Ion Ratio Lower Upper

105 100

134 19.8 0.0 38.0



#82

p-Isopropyltoluene

Concen: 19.841 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN085207.D

Acq: 16 Dec 2024 09:42

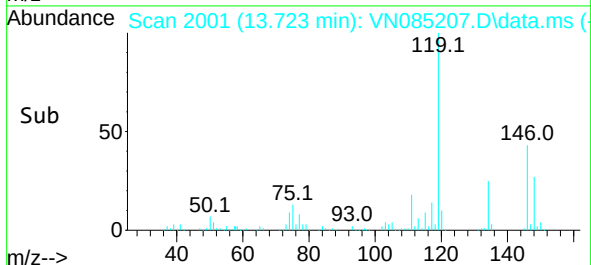
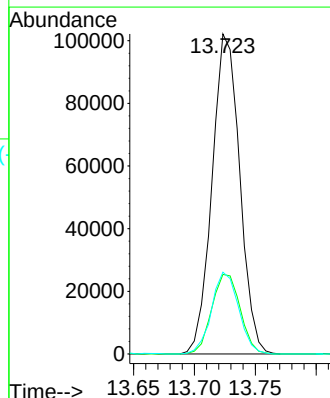
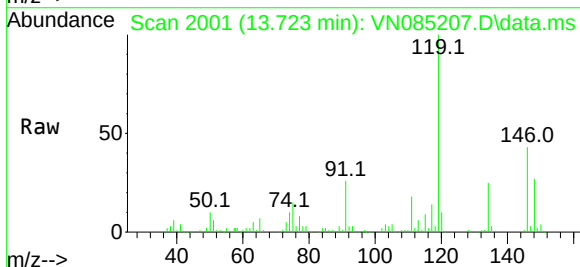
Tgt Ion:119 Resp: 161402

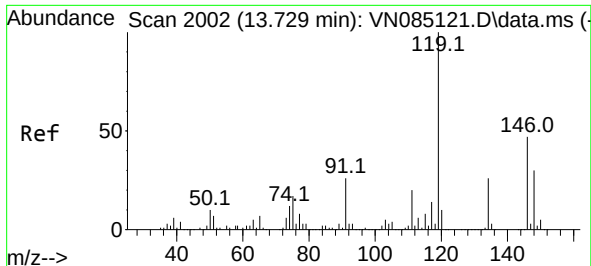
Ion Ratio Lower Upper

119 100

134 25.6 0.0 51.6

91 25.1 0.0 50.4

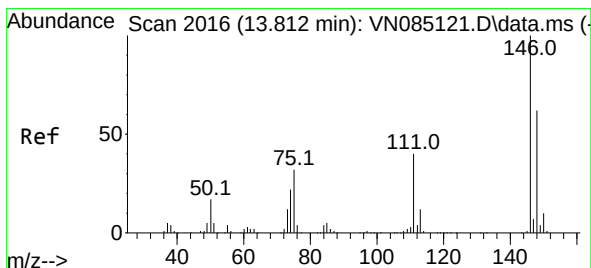
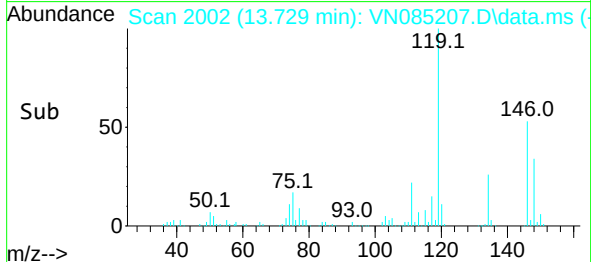
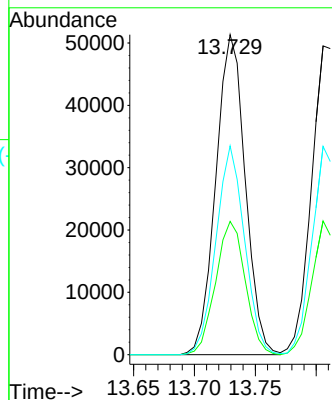
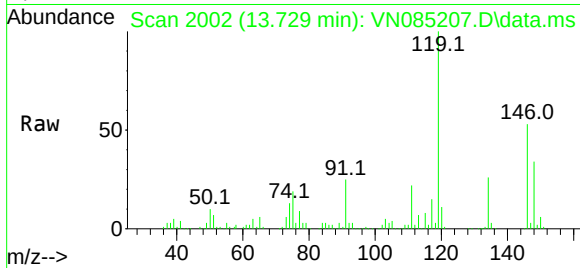




#83
 1,3-Dichlorobenzene
 Concen: 19.150 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085207.D
 Acq: 16 Dec 2024 09:42

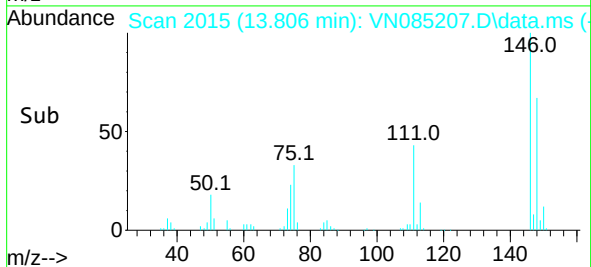
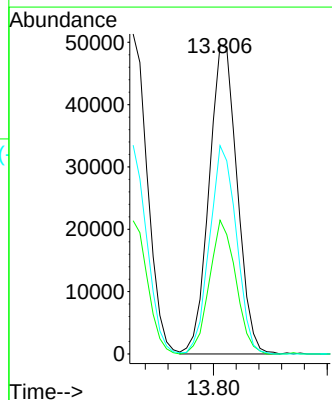
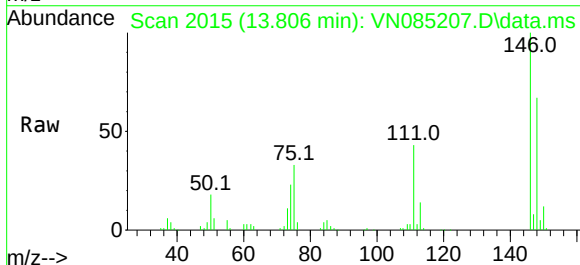
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

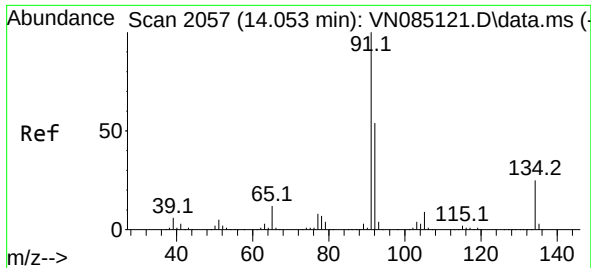
Tgt Ion:146 Resp: 86373
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.1 63.3
 148 63.3 31.8 95.3



#84
 1,4-Dichlorobenzene
 Concen: 19.386 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: VN085207.D
 Acq: 16 Dec 2024 09:42

Tgt Ion:146 Resp: 85216
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.1 60.3
 148 64.3 31.6 94.7

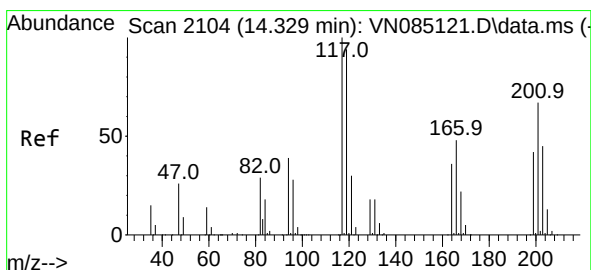
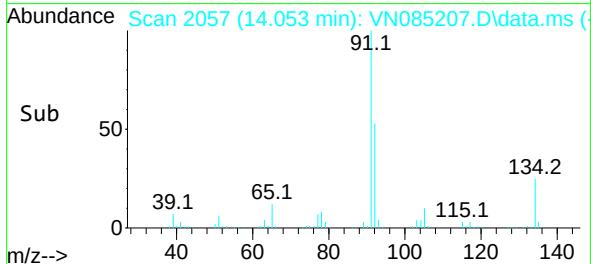
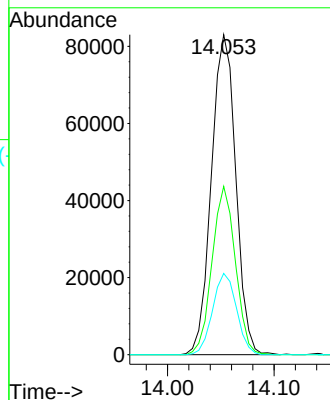
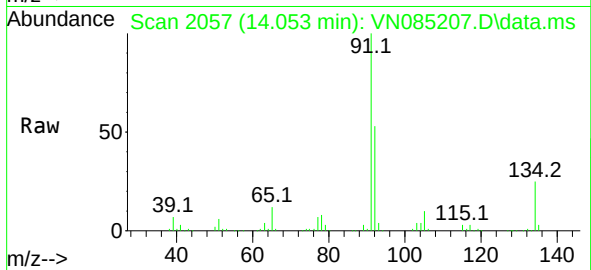




#85
n-Butylbenzene
Concen: 19.359 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

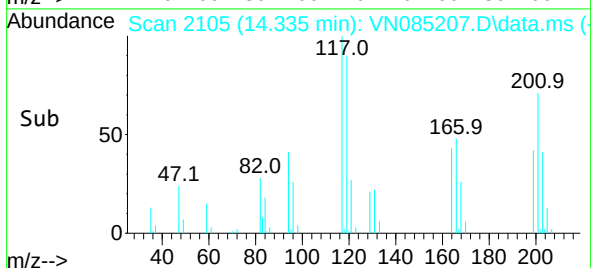
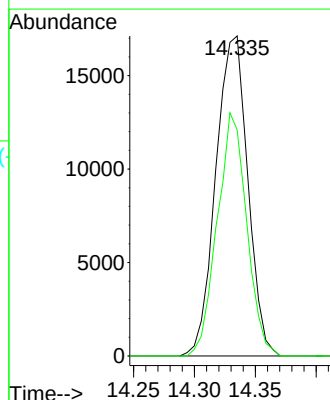
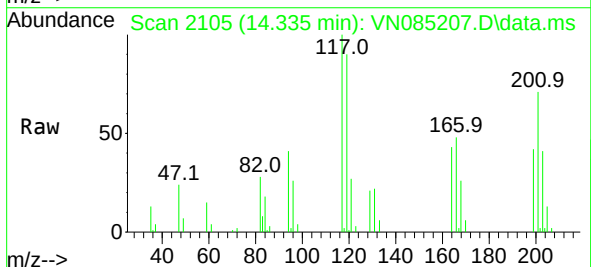
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

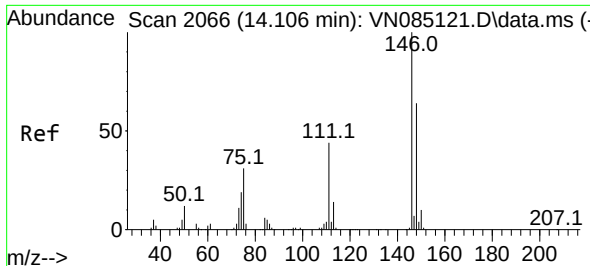
Tgt Ion: 91	Resp: 132097
Ion Ratio	Lower Upper
91 100	
92 50.3	0.0 104.0
134 24.9	0.0 49.2



#86
Hexachloroethane
Concen: 19.297 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion:117	Resp:	31250	
Ion	Ratio	Lower	Upper
117	100		
201	70.2	34.1	102.3

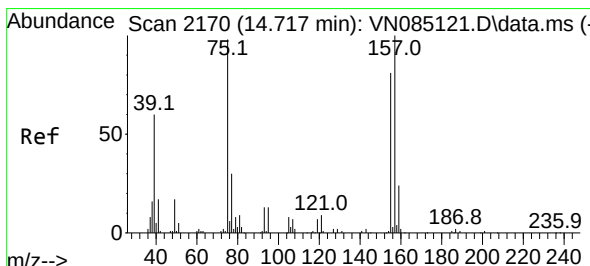
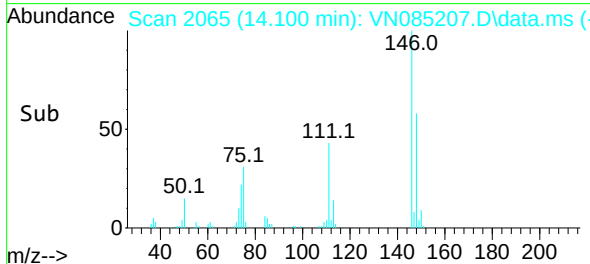
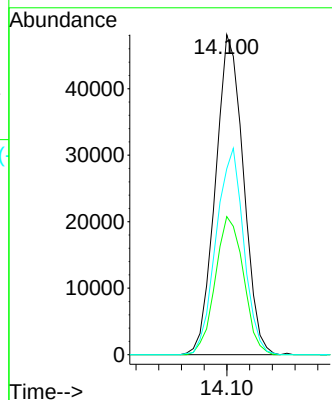
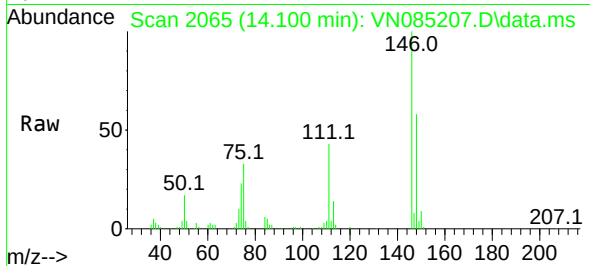




#87
1,2-Dichlorobenzene
Concen: 19.338 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

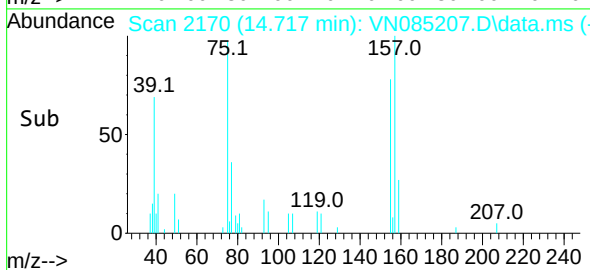
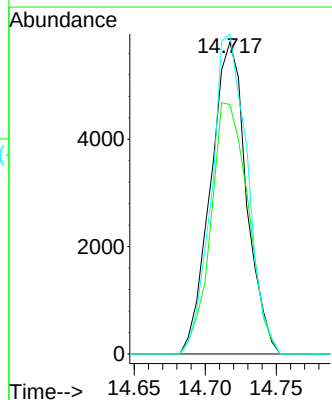
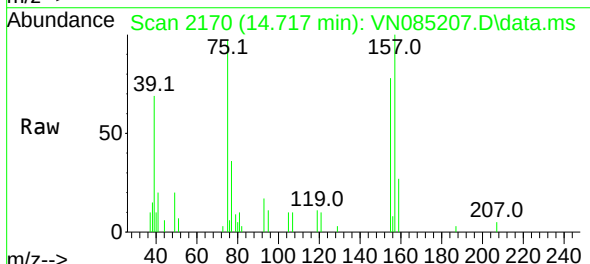
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

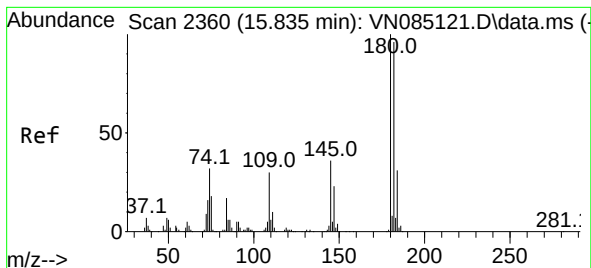
Tgt Ion:146 Resp: 82331
Ion Ratio Lower Upper
146 100
111 43.6 21.9 65.7
148 63.8 32.4 97.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.026 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085207.D
Acq: 16 Dec 2024 09:42

Tgt Ion: 75 Resp: 10161
Ion Ratio Lower Upper
75 100
155 84.2 62.1 93.1
157 102.2 79.3 118.9





#89

1,2,4-Trichlorobenzene

Concen: 19.190 ug/l

RT: 15.835 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085207.D

Acq: 16 Dec 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

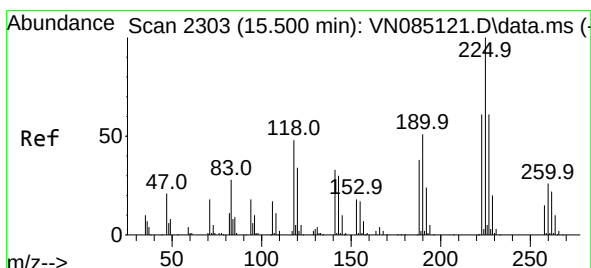
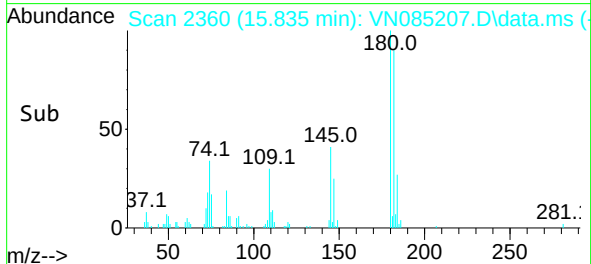
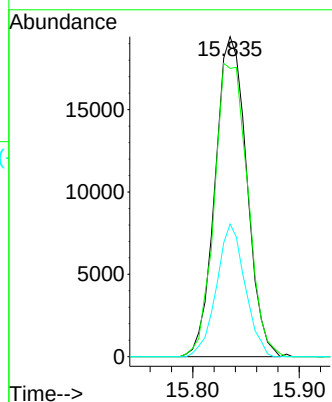
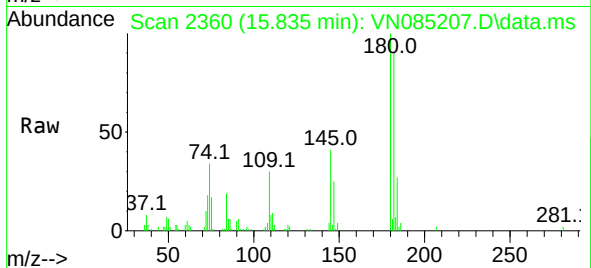
Tgt Ion:180 Resp: 40011

Ion Ratio Lower Upper

180 100

182 96.5 74.0 111.0

145 37.4 28.6 43.0



#90

Hexachlorobutadiene

Concen: 19.995 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN085207.D

Acq: 16 Dec 2024 09:42

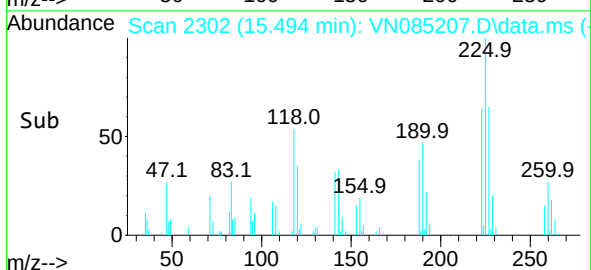
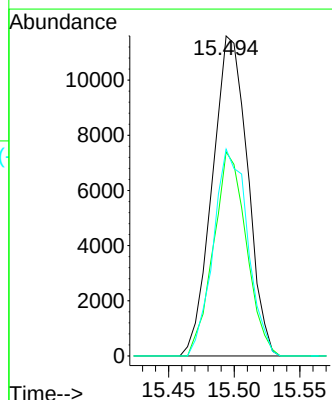
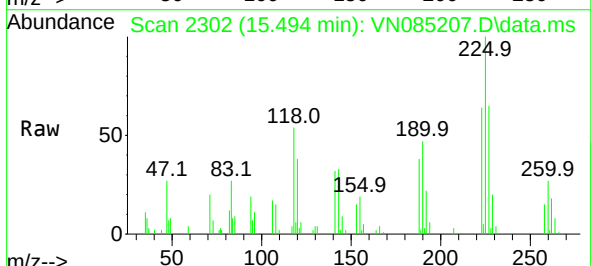
Tgt Ion:225 Resp: 21664

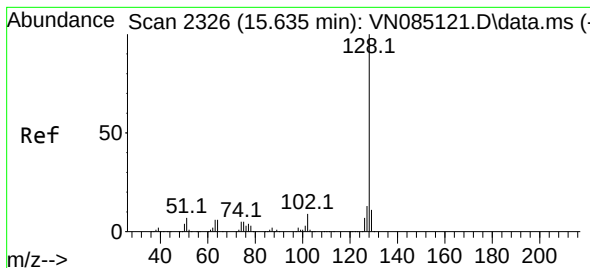
Ion Ratio Lower Upper

225 100

223 59.5 0.0 121.8

227 63.0 0.0 126.8





#91

Naphthalene

Concen: 18.602 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN085207.D

Acq: 16 Dec 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

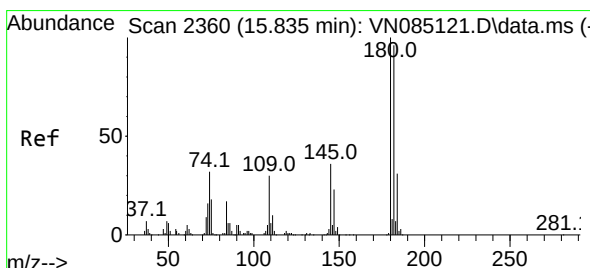
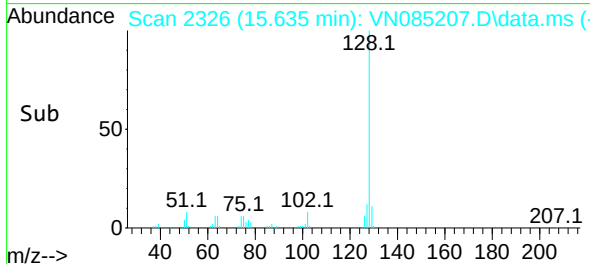
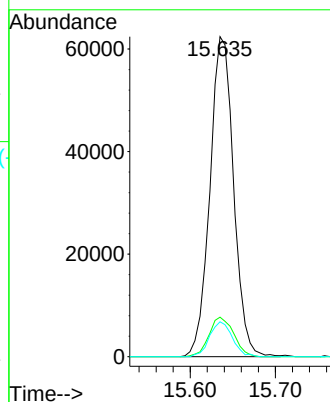
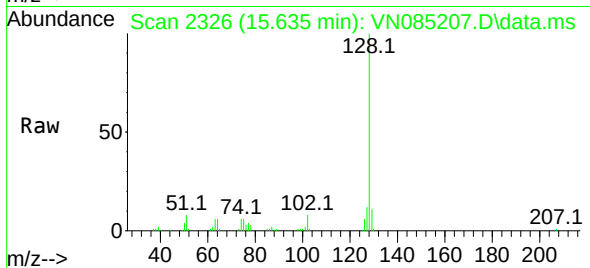
Tgt Ion:128 Resp: 120498

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.4

129 10.5 8.7 13.1



#92

1,2,3-Trichlorobenzene

Concen: 19.190 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085207.D

Acq: 16 Dec 2024 09:42

Tgt Ion:180 Resp: 40011

Ion Ratio Lower Upper

180 100

182 96.5 0.0 185.0

145 37.4 0.0 71.6

