

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031325\
 Data File : VN085970.D
 Acq On : 13 Mar 2025 10:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 14 00:26:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	156965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129071	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	100158	49.218	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.440%
35) Dibromofluoromethane	8.165	113	81852	50.417	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.840%
50) Toluene-d8	10.565	98	295167	49.971	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.847	95	110704	56.884	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	113.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	107185	50.203	ug/l	98
3) Chloromethane	2.359	50	91072	42.509	ug/l	99
4) Vinyl Chloride	2.512	62	93565	41.247	ug/l	98
5) Bromomethane	2.947	94	57586	39.702	ug/l	97
6) Chloroethane	3.112	64	56072	37.318	ug/l	100
7) Trichlorofluoromethane	3.495	101	165026	50.248	ug/l	100
8) Diethyl Ether	3.965	74	51849	48.792	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	91796	48.354	ug/l	99
10) Methyl Iodide	4.589	142	117051	50.019	ug/l	97
11) Tert butyl alcohol	5.518	59	62892	251.276	ug/l	99
12) 1,1-Dichloroethene	4.336	96	82887	48.153	ug/l	100
13) Acrolein	4.177	56	89669	241.588	ug/l	97
14) Allyl chloride	5.024	41	103411	45.757	ug/l	97
15) Acrylonitrile	5.718	53	218644	268.712	ug/l	99
16) Acetone	4.424	43	172333	267.635	ug/l	91
17) Carbon Disulfide	4.712	76	250453	49.094	ug/l	99
18) Methyl Acetate	5.030	43	93350	42.149	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	272321	53.239	ug/l	98
20) Methylene Chloride	5.277	84	97786	47.223	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	91866	49.564	ug/l	91
22) Diisopropyl ether	6.671	45	254112	49.761	ug/l	97
23) Vinyl Acetate	6.600	43	917353	262.360	ug/l	98
24) 1,1-Dichloroethane	6.565	63	165829	47.769	ug/l	98
25) 2-Butanone	7.477	43	254975	269.157	ug/l	97
26) 2,2-Dichloropropane	7.488	77	151936	49.220	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	104830	48.779	ug/l	99
28) Bromochloromethane	7.812	49	72226	50.621	ug/l	99
29) Tetrahydrofuran	7.835	42	173316	283.325	ug/l	97
30) Chloroform	7.965	83	181512	50.034	ug/l	96
31) Cyclohexane	8.253	56	136357	46.913	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	167344	51.862	ug/l	98
36) 1,1-Dichloropropene	8.371	75	122171	53.171	ug/l	99
37) Ethyl Acetate	7.559	43	105763	55.934	ug/l	98
38) Carbon Tetrachloride	8.359	117	154279	56.510	ug/l	96
39) Methylcyclohexane	9.600	83	120501	53.384	ug/l	98
40) Benzene	8.600	78	385118	52.296	ug/l	100

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 VSTDC0050

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	55924	55.326	ug/l	94
42) 1,2-Dichloroethane	8.671	62	132634	55.294	ug/l	98
43) Isopropyl Acetate	8.688	43	188380	56.843	ug/l	98
44) Trichloroethene	9.347	130	89330	49.404	ug/l	96
45) 1,2-Dichloropropane	9.618	63	92943	52.286	ug/l	97
46) Dibromomethane	9.706	93	67602	53.916	ug/l	99
47) Bromodichloromethane	9.888	83	143128	53.355	ug/l	99
48) Methyl methacrylate	9.676	41	80510	57.332	ug/l	96
49) 1,4-Dioxane	9.694	88	33566	1256.975	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	545204	299.063	ug/l	97
52) Toluene	10.629	92	249073	57.698	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	141031	56.855	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	149581	54.992	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	94635	55.138	ug/l	97
56) Ethyl methacrylate	10.871	69	137562	55.061	ug/l	95
57) 1,3-Dichloropropane	11.159	76	157619	55.013	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	281117	280.839	ug/l	99
59) 2-Hexanone	11.194	43	408192	325.472	ug/l	98
60) Dibromochloromethane	11.359	129	116202	58.143	ug/l	100
61) 1,2-Dibromoethane	11.465	107	93509	57.662	ug/l	98
64) Tetrachloroethene	11.100	164	90691	50.709	ug/l	96
65) Chlorobenzene	11.888	112	265828	50.264	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	100025	52.620	ug/l	99
67) Ethyl Benzene	11.965	91	461562	55.715	ug/l	99
68) m/p-Xylenes	12.070	106	376601	119.678	ug/l	100
69) o-Xylene	12.394	106	175623	58.732	ug/l	100
70) Styrene	12.412	104	303613	54.093	ug/l	98
71) Bromoform	12.576	173	83797	59.326	ug/l #	96
73) Isopropylbenzene	12.694	105	441683	49.949	ug/l	100
74) N-amyl acetate	12.494	43	153994	49.384	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	139672	45.902	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	185909	64.842	ug/l	54
77) Bromobenzene	12.976	156	113738	47.609	ug/l	97
78) n-propylbenzene	13.035	91	528449	52.183	ug/l	100
79) 2-Chlorotoluene	13.123	91	332507	49.142	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	388696	53.962	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	50116	51.001	ug/l	96
82) 4-Chlorotoluene	13.217	91	345095	51.447	ug/l	100
83) tert-Butylbenzene	13.435	119	309093	51.029	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	399934	56.119	ug/l	99
85) sec-Butylbenzene	13.612	105	440654	51.489	ug/l	100
86) p-Isopropyltoluene	13.729	119	378998	48.468	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	215994	48.257	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	215752	47.031	ug/l	100
89) n-Butylbenzene	14.053	91	299546	49.298	ug/l	98
90) Hexachloroethane	14.329	117	75770	46.748	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	209501	48.675	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27786	49.729	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	98517	48.035	ug/l	100
94) Hexachlorobutadiene	15.500	225	54484	43.712	ug/l	96
95) Naphthalene	15.641	128	290501	51.593	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	97671	47.437	ug/l	99

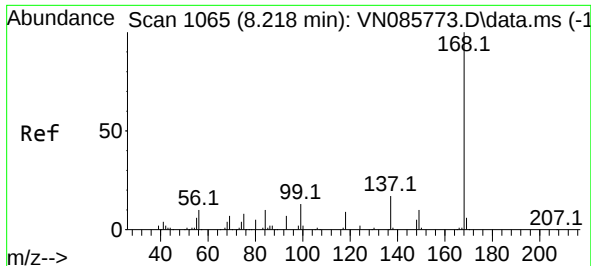
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031325\
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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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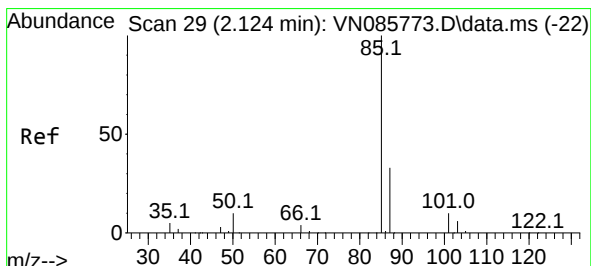
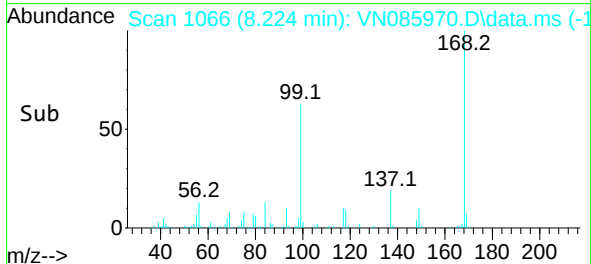
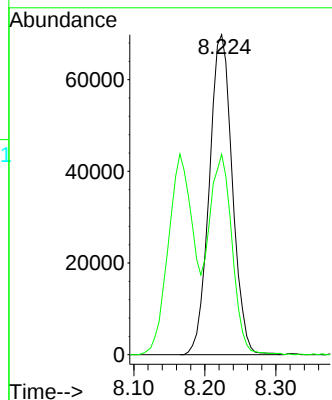
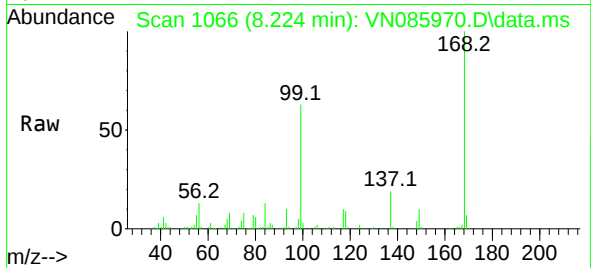
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

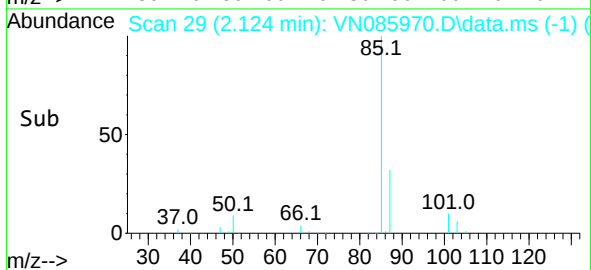
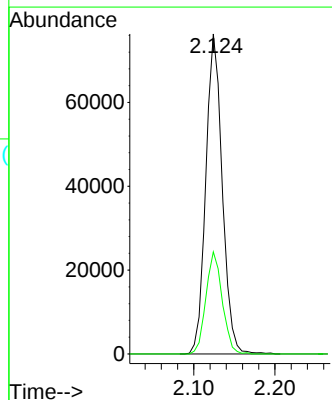
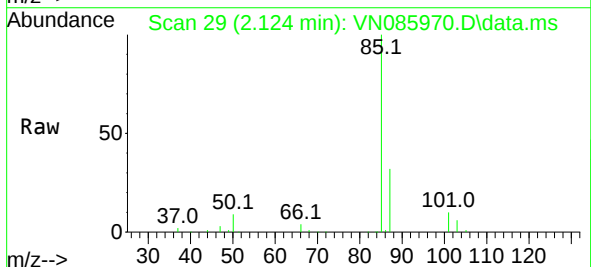
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 156965
Ion Ratio Lower Upper
168 100
99 62.2 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 50.203 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 85 Resp: 107185
Ion Ratio Lower Upper
85 100
87 31.9 16.4 49.2

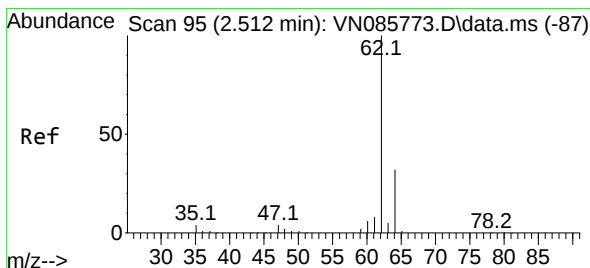
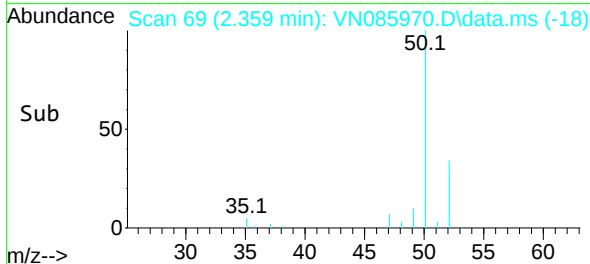
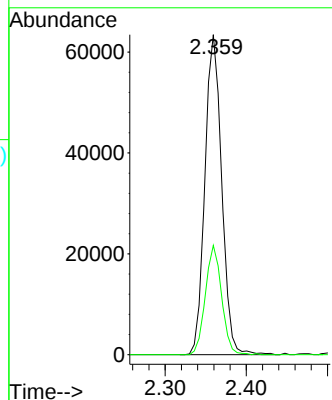
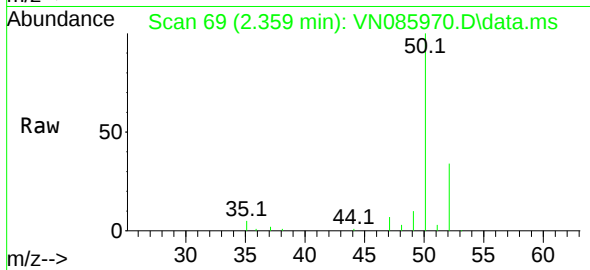




#3
Chloromethane
Concen: 42.509 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

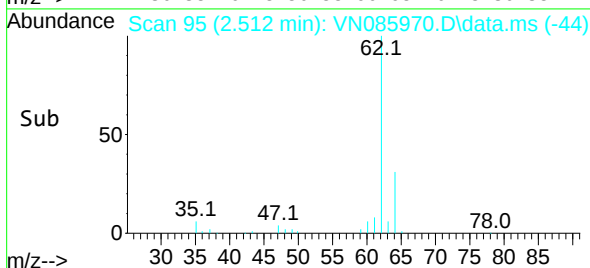
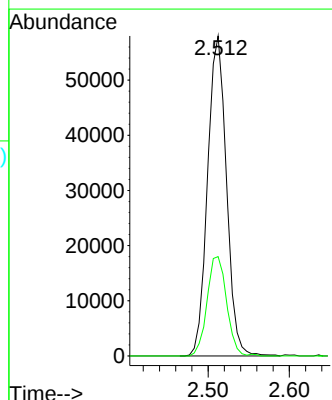
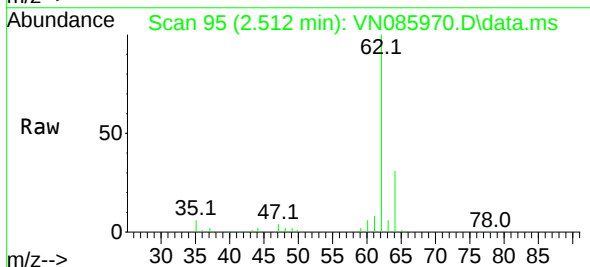
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ClientSampleId :
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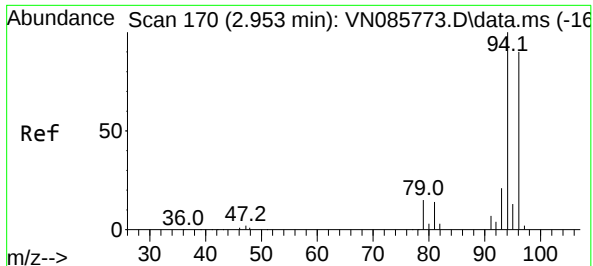
Tgt Ion: 50 Resp: 91072
Ion Ratio Lower Upper
50 100
52 34.2 26.7 40.1



#4
Vinyl Chloride
Concen: 41.247 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 62 Resp: 93565
Ion Ratio Lower Upper
62 100
64 31.1 25.9 38.9

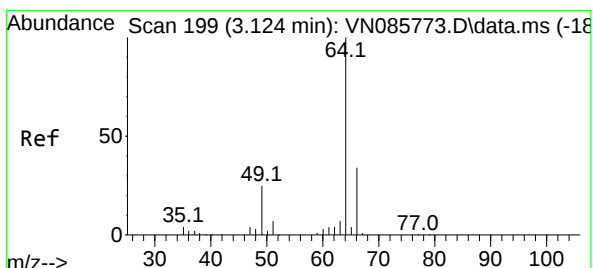
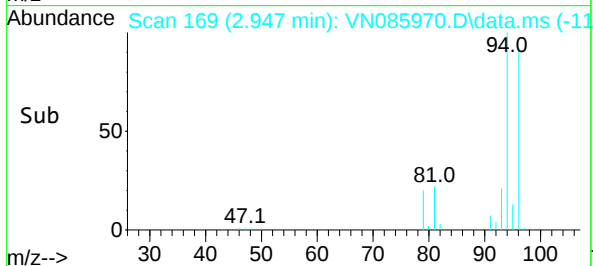
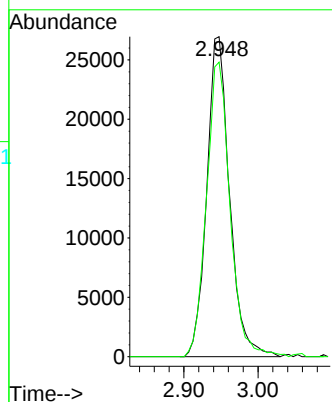
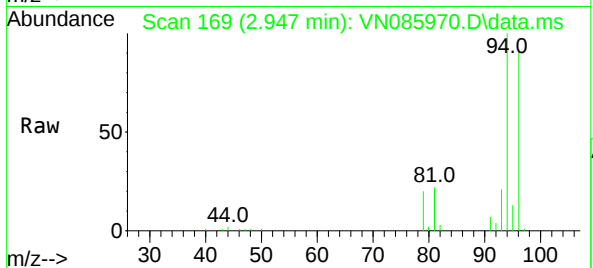




#5
Bromomethane
Concen: 39.702 ug/l
RT: 2.947 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

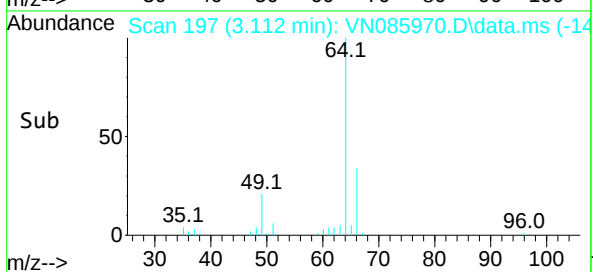
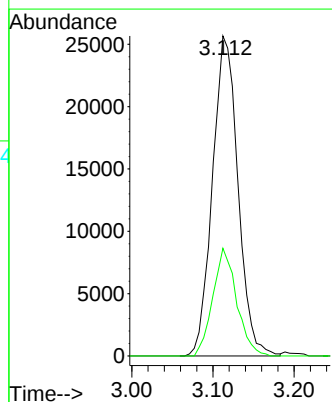
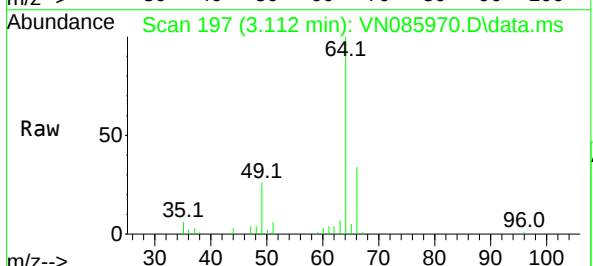
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 57586
Ion Ratio Lower Upper
94 100
96 92.0 71.7 107.5



#6
Chloroethane
Concen: 37.318 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 64 Resp: 56072
Ion Ratio Lower Upper
64 100
66 33.6 27.0 40.6

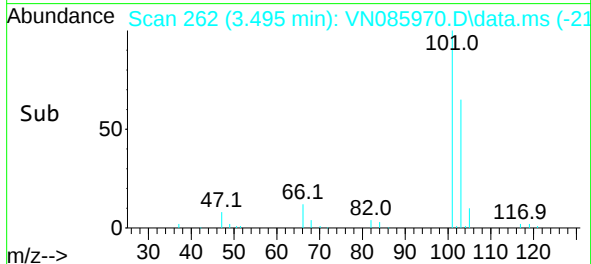
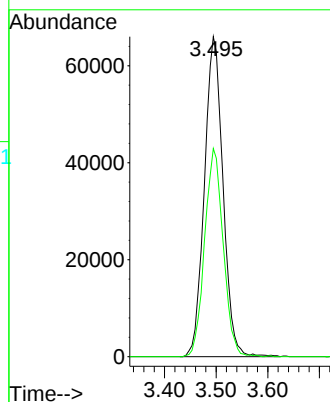
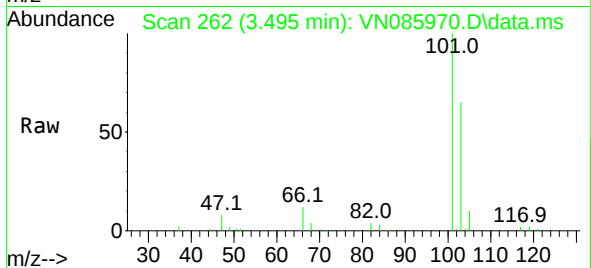




#7
 Trichlorofluoromethane
 Concen: 50.248 ug/l
 RT: 3.495 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN085970.D
 Acq: 13 Mar 2025 10:39

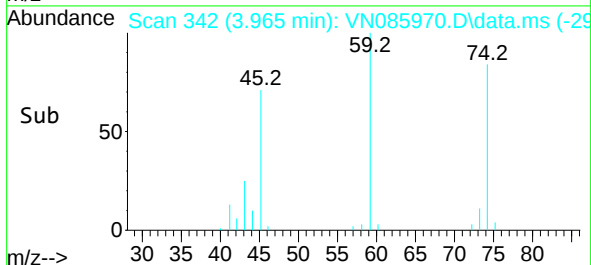
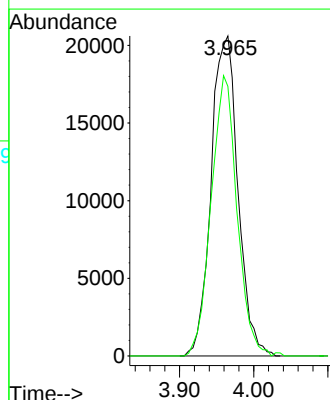
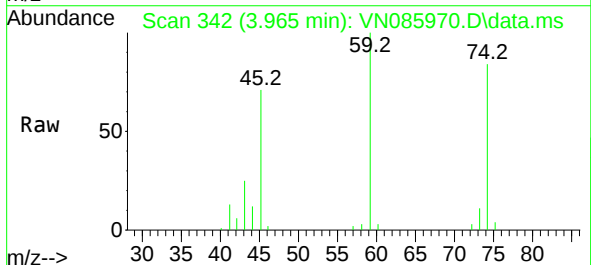
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 165026
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.2 78.4



#8
 Diethyl Ether
 Concen: 48.792 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN085970.D
 Acq: 13 Mar 2025 10:39

Tgt Ion: 74 Resp: 51849
 Ion Ratio Lower Upper
 74 100
 45 84.6 42.5 127.6

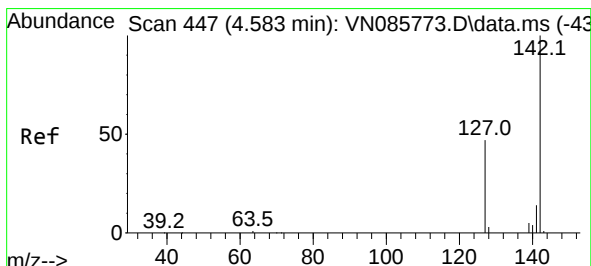
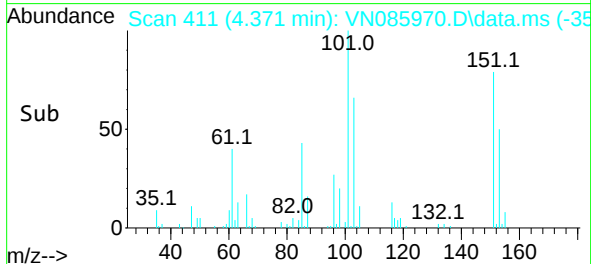
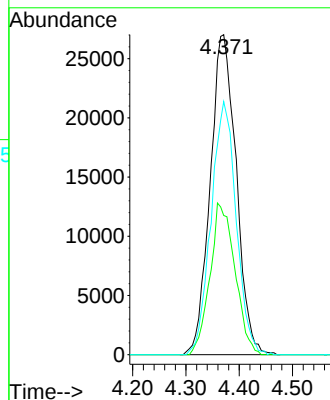
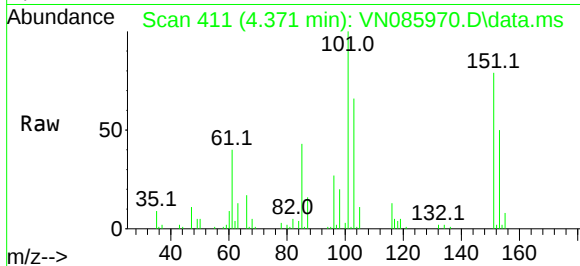




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.354 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

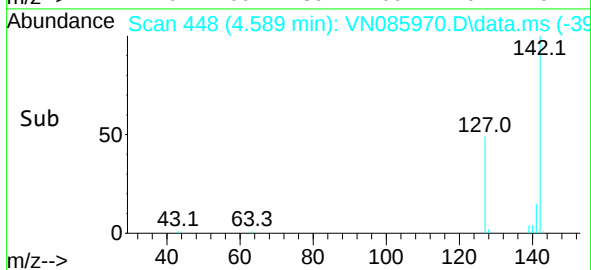
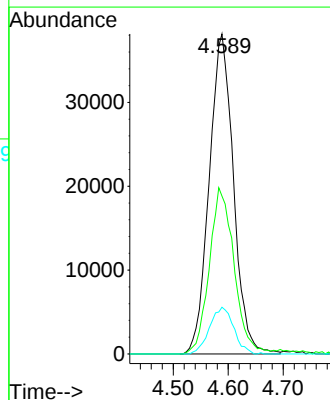
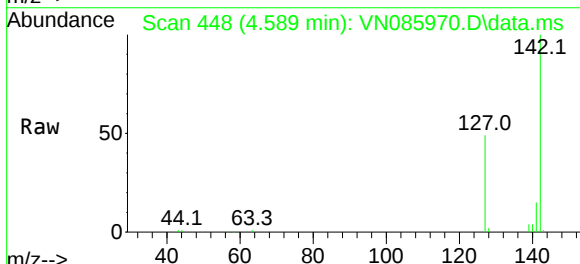
Instrument :
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VSTDCCC050

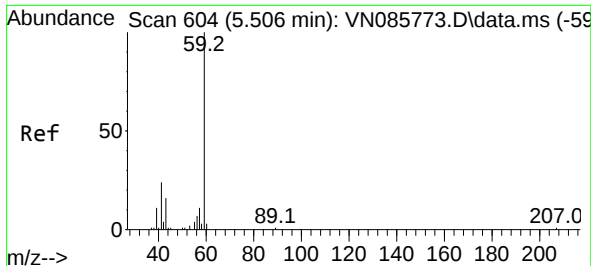
Tgt Ion:101 Resp: 91796
Ion Ratio Lower Upper
101 100
85 45.4 35.7 53.5
151 76.3 61.4 92.2



#10
Methyl Iodide
Concen: 50.019 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion:142 Resp: 117051
Ion Ratio Lower Upper
142 100
127 49.4 37.6 56.4
141 14.6 11.4 17.2

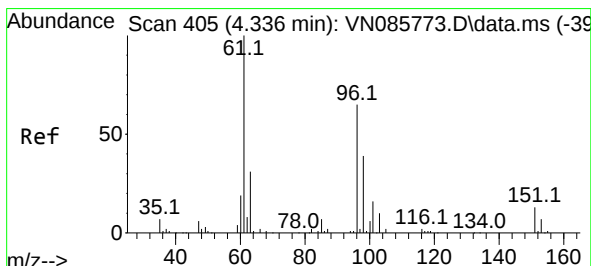
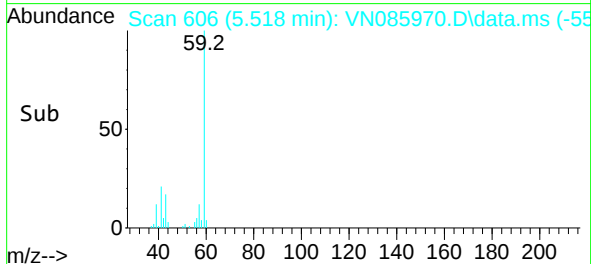
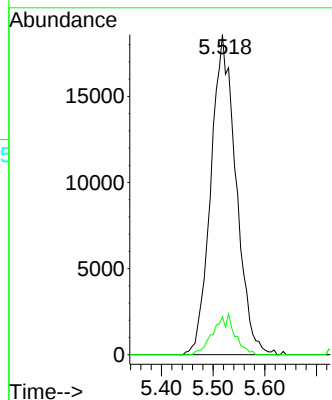
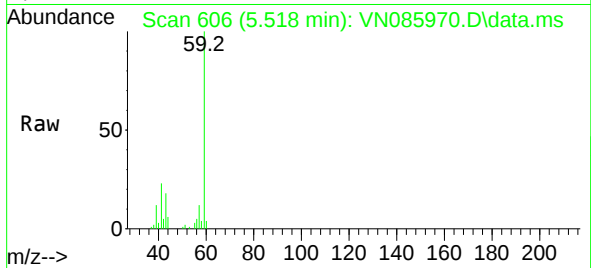




#11
Tert butyl alcohol
Concen: 251.276 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

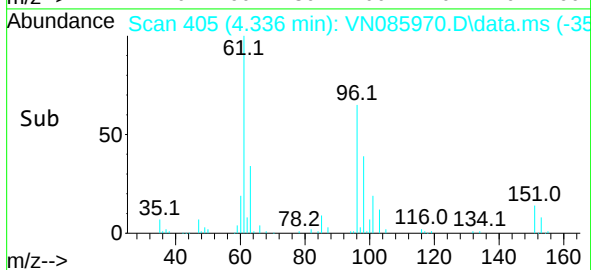
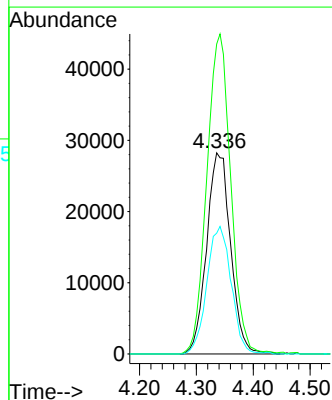
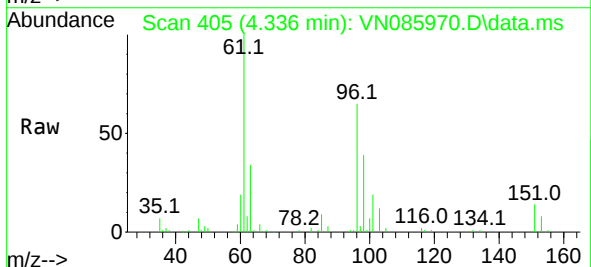
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 62892
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.153 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 96 Resp: 82887
Ion Ratio Lower Upper
96 100
61 154.0 123.3 184.9
98 60.1 48.6 72.8

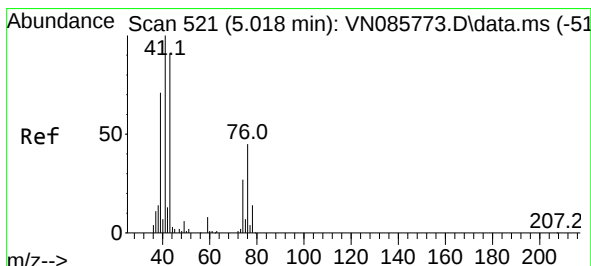
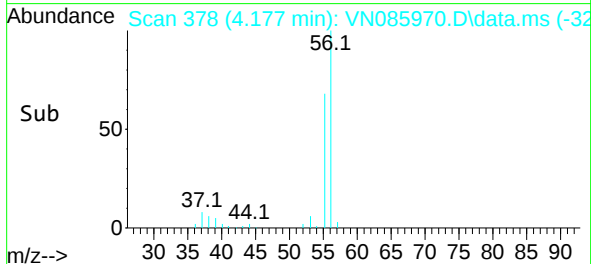
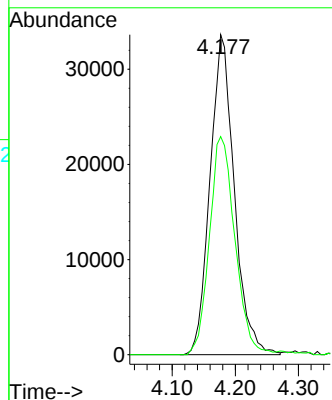
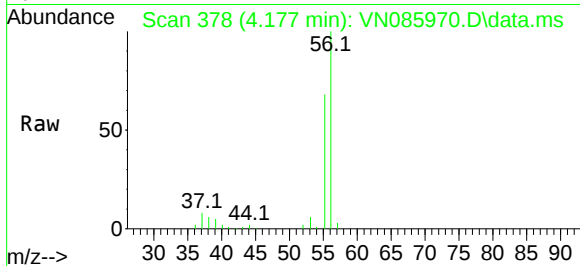




#13
Acrolein
Concen: 241.588 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

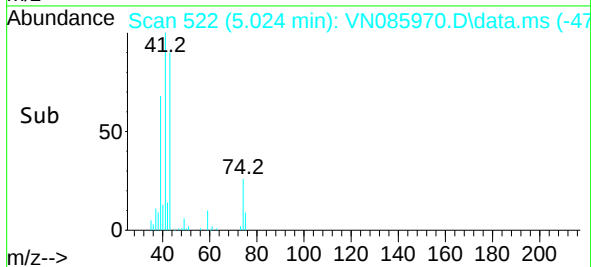
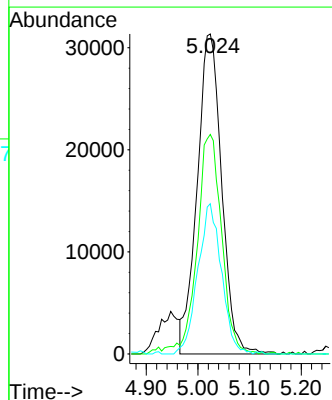
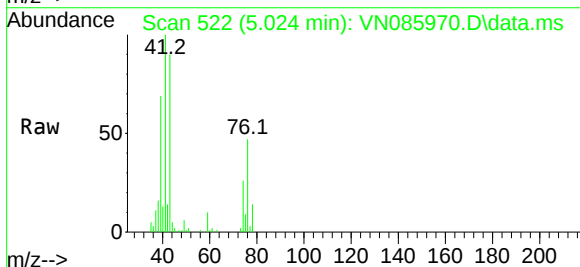
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

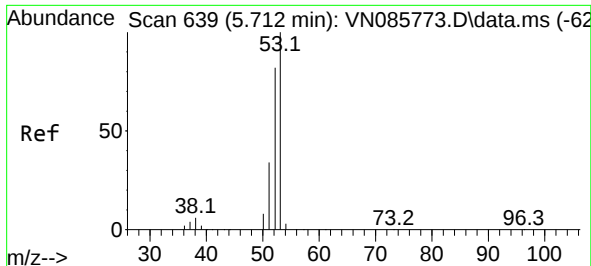
Tgt Ion: 56 Resp: 89669
Ion Ratio Lower Upper
56 100
55 71.6 55.3 82.9



#14
Allyl chloride
Concen: 45.757 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 41 Resp: 103411
Ion Ratio Lower Upper
41 100
39 68.3 57.4 86.2
76 45.1 36.2 54.2

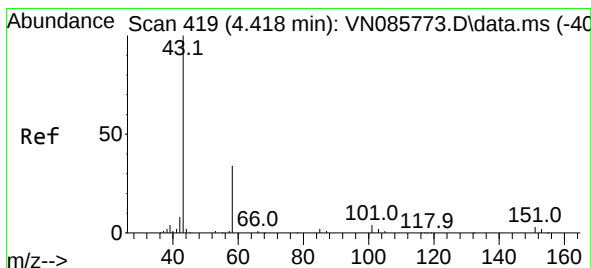
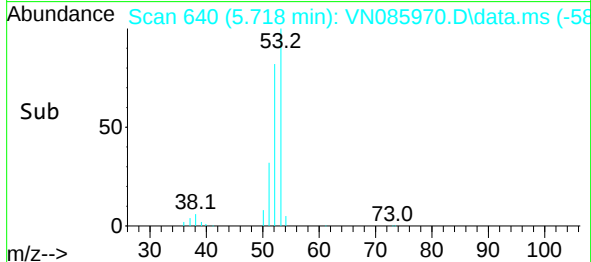
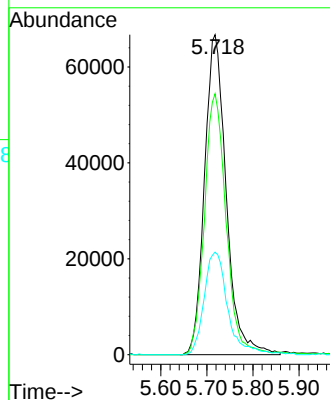
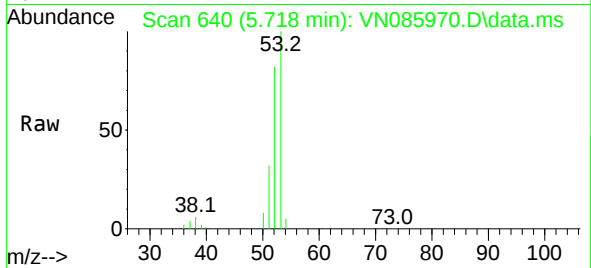




#15
Acrylonitrile
Concen: 268.712 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

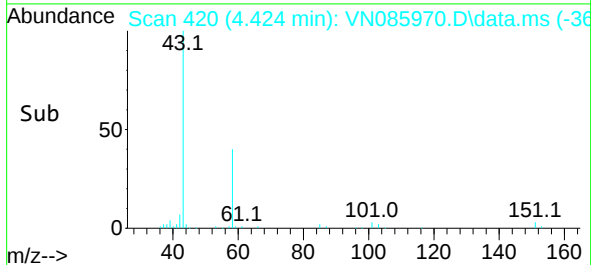
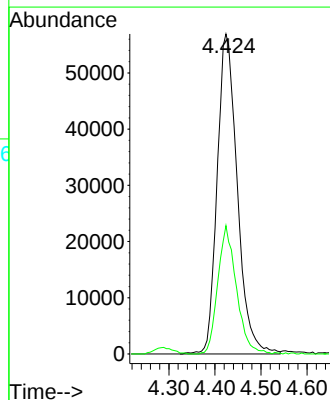
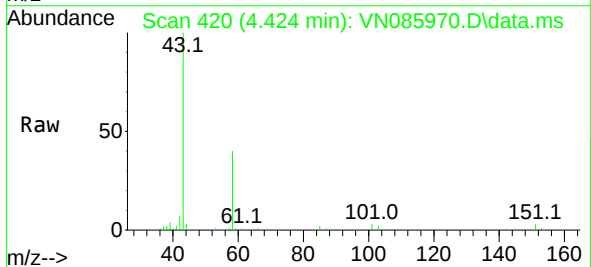
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

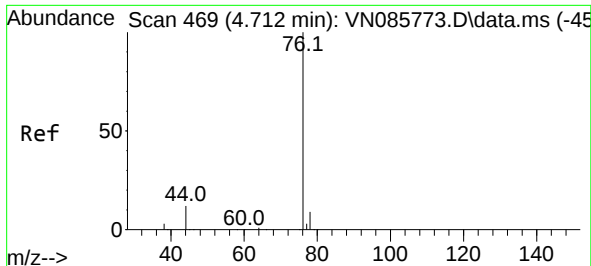
Tgt Ion: 53 Resp: 218644
Ion Ratio Lower Upper
53 100
52 81.2 65.8 98.6
51 34.7 28.6 42.8



#16
Acetone
Concen: 267.635 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 43 Resp: 172333
Ion Ratio Lower Upper
43 100
58 39.8 27.5 41.3

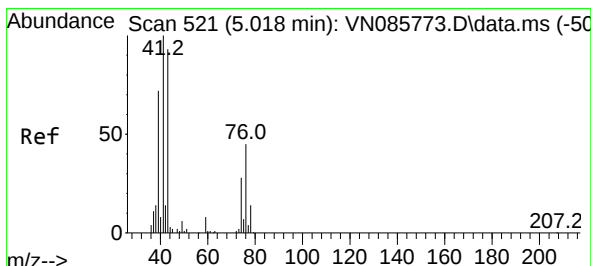
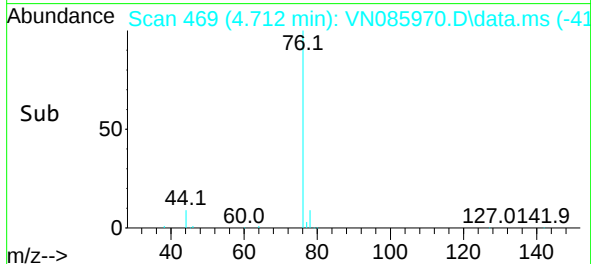
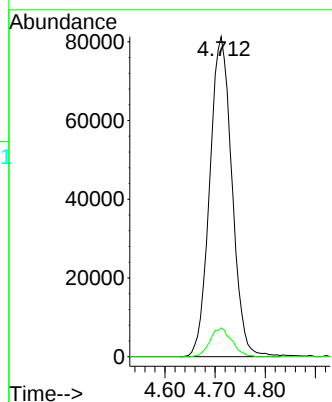
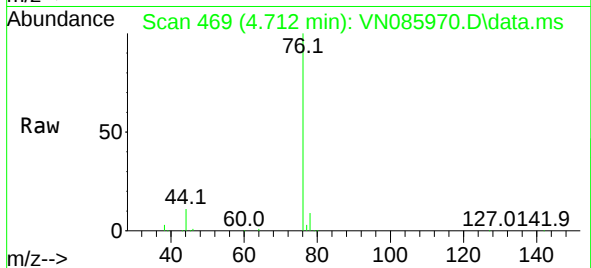




#17
Carbon Disulfide
Concen: 49.094 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

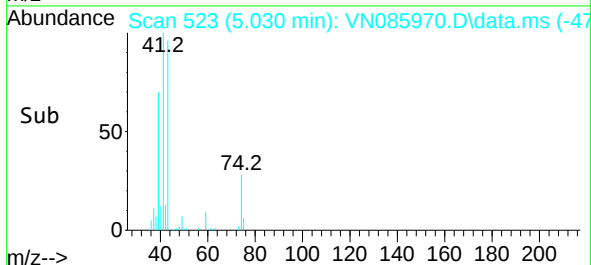
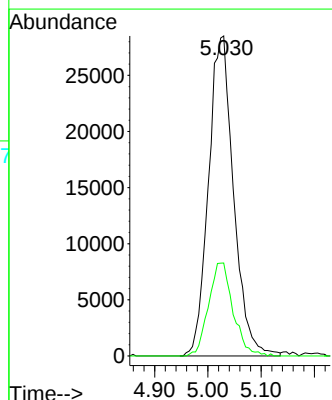
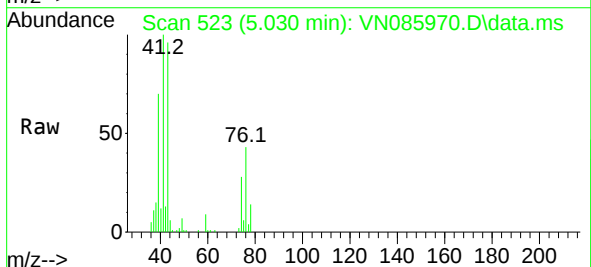
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 250453
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 42.149 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 43 Resp: 93350
Ion Ratio Lower Upper
43 100
74 28.4 22.2 33.4

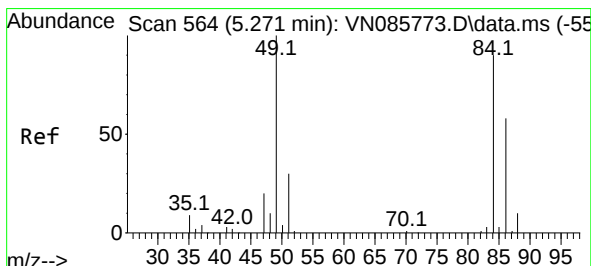
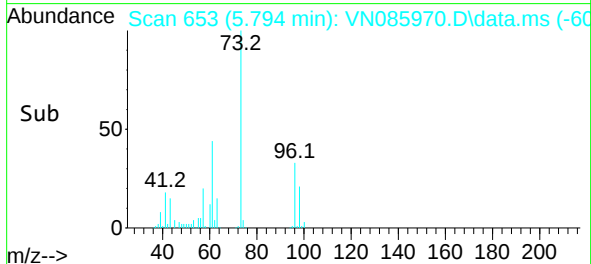
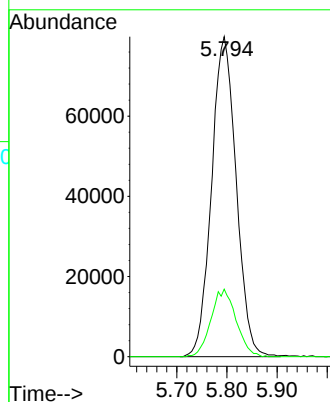
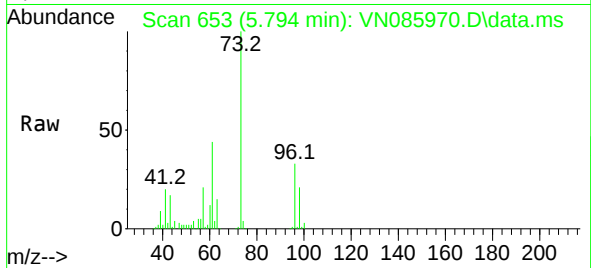




#19
Methyl tert-butyl Ether
Concen: 53.239 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

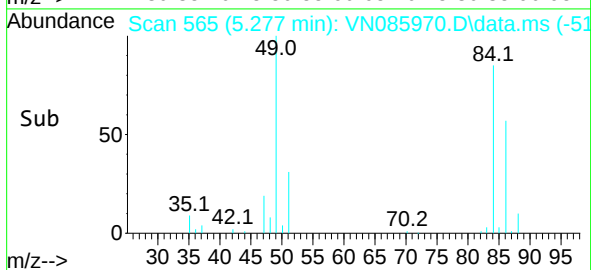
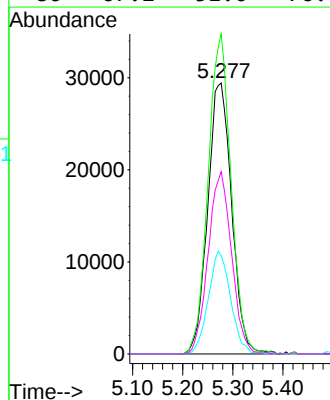
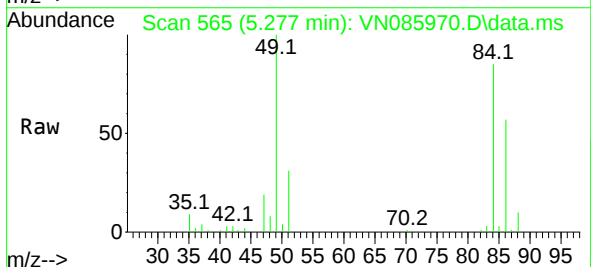
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 272321
Ion Ratio Lower Upper
73 100
57 21.1 17.6 26.4



#20
Methylene Chloride
Concen: 47.223 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 84 Resp: 97786
Ion Ratio Lower Upper
84 100
49 118.1 88.4 132.6
51 36.3 26.6 40.0
86 67.2 51.0 76.6

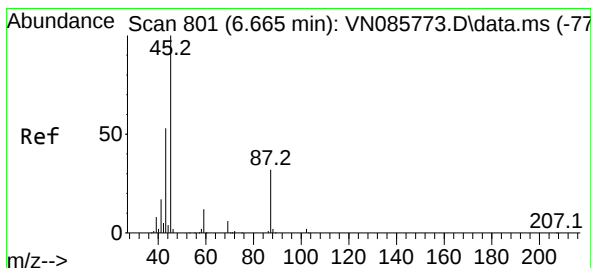
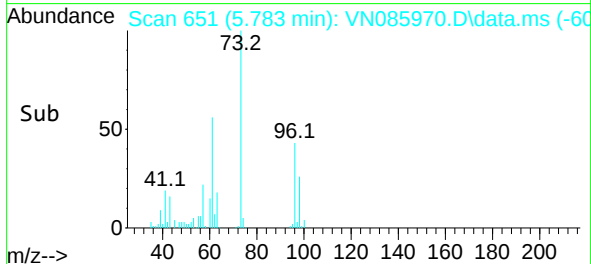
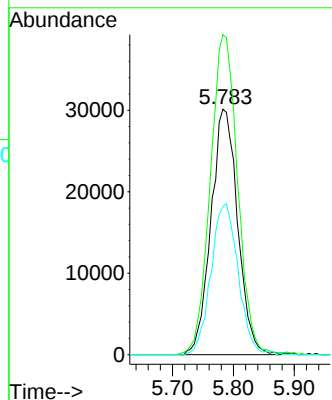
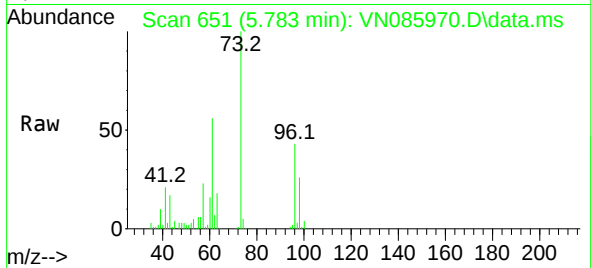




#21
trans-1,2-Dichloroethene
Concen: 49.564 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

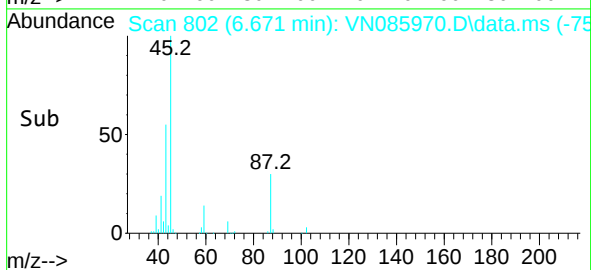
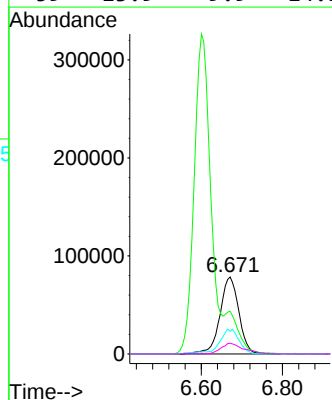
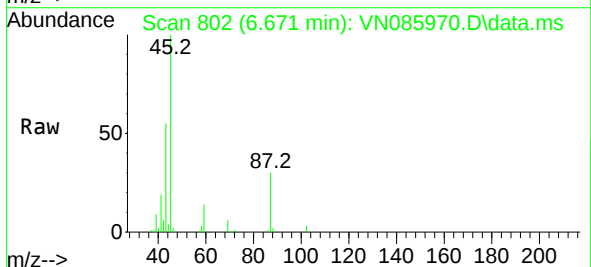
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 91866
Ion Ratio Lower Upper
96 100
61 129.9 112.6 168.8
98 60.3 53.3 79.9



#22
Diisopropyl ether
Concen: 49.761 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 45 Resp: 254112
Ion Ratio Lower Upper
45 100
43 54.7 42.6 64.0
87 29.6 25.8 38.8
59 13.9 9.9 14.9

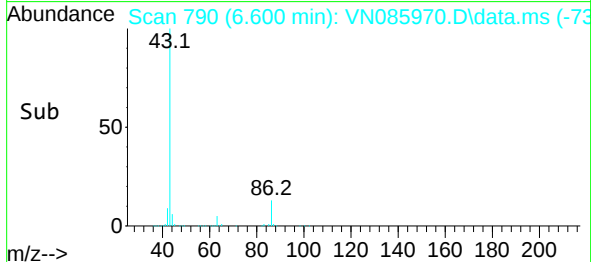
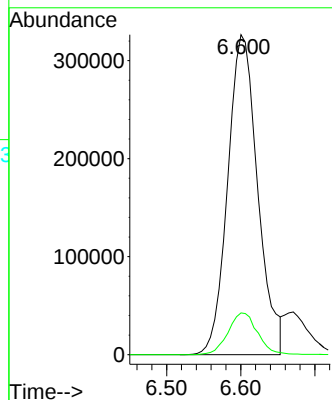
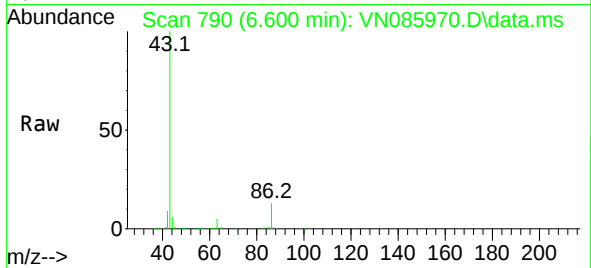




#23
 Vinyl Acetate
 Concen: 262.360 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085970.D
 Acq: 13 Mar 2025 10:39

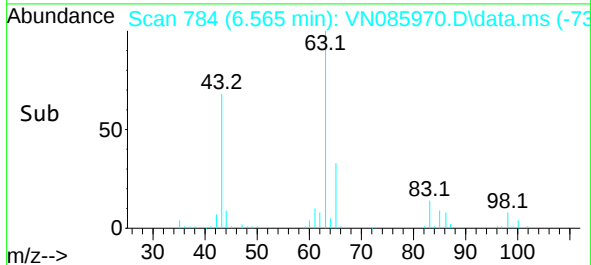
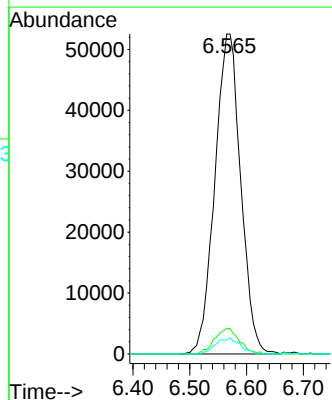
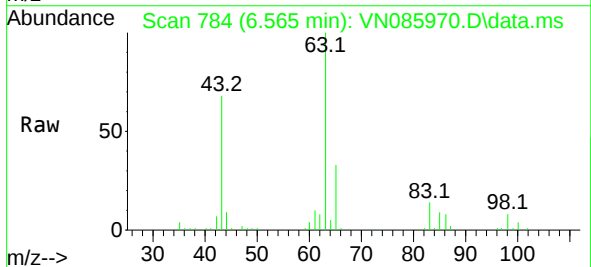
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

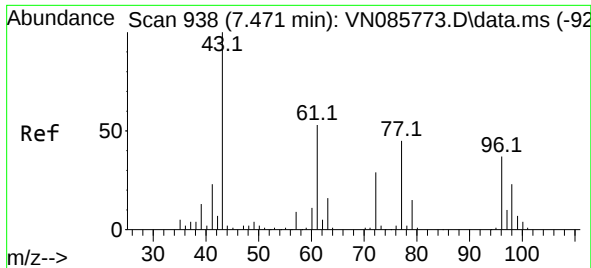
Tgt Ion: 43 Resp: 917353
 Ion Ratio Lower Upper
 43 100
 86 13.1 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 47.769 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085970.D
 Acq: 13 Mar 2025 10:39

Tgt Ion: 63 Resp: 165829
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.4
 100 4.4 2.4 7.2

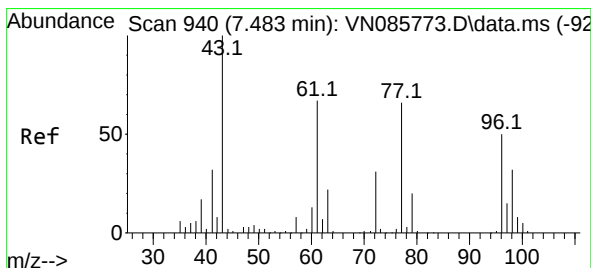
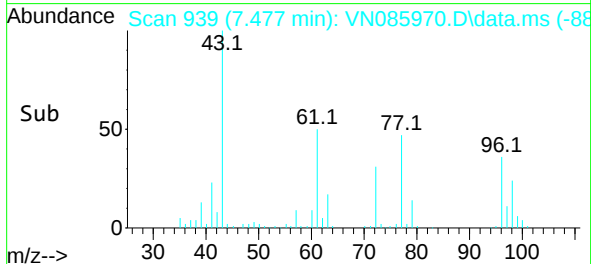
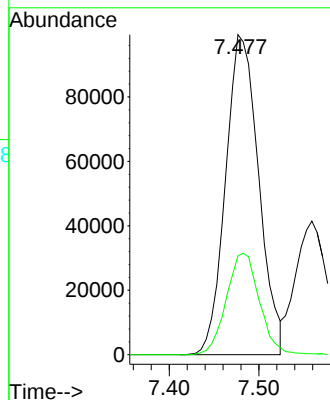
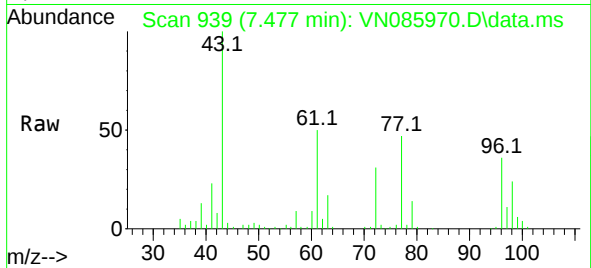




#25
2-Butanone
Concen: 269.157 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

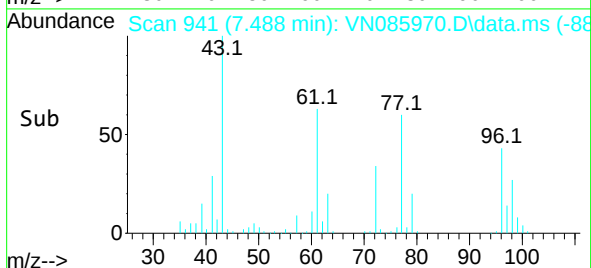
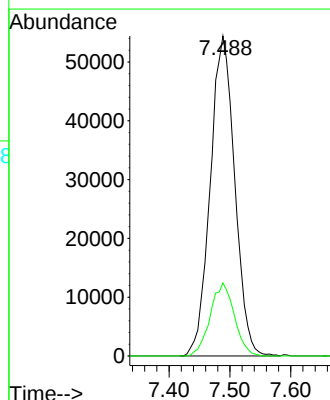
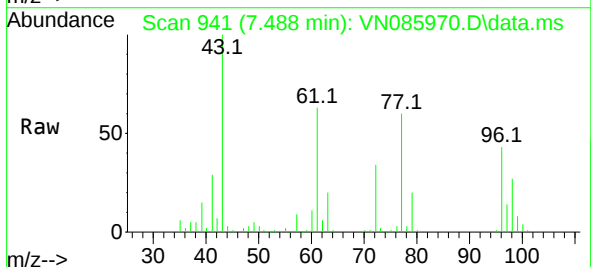
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 254975
Ion Ratio Lower Upper
43 100
72 30.9 23.6 35.4



#26
2,2-Dichloropropane
Concen: 49.220 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 77 Resp: 151936
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.8

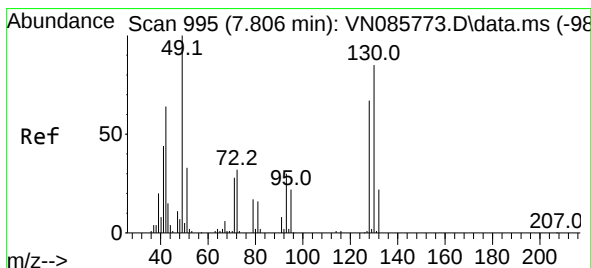
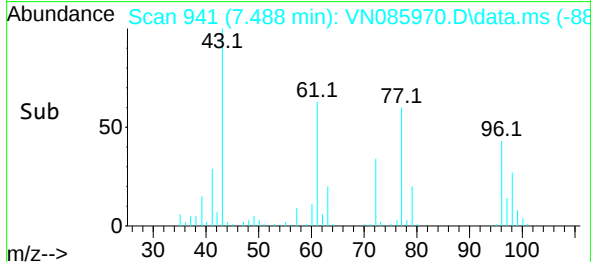
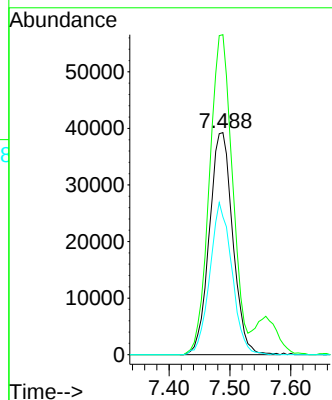
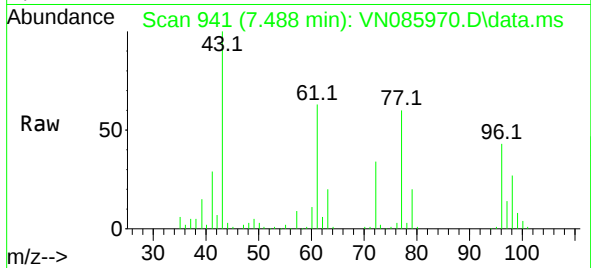




#27
 cis-1,2-Dichloroethene
 Concen: 48.779 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085970.D
 Acq: 13 Mar 2025 10:39

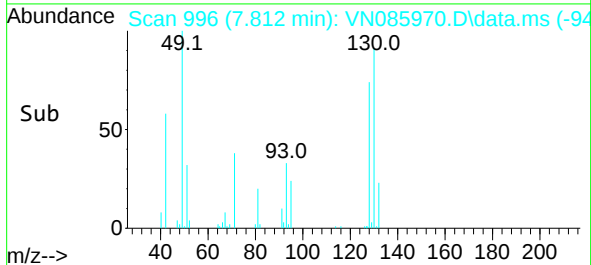
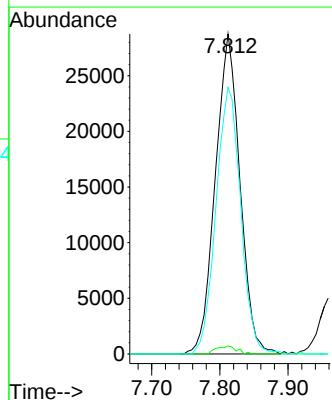
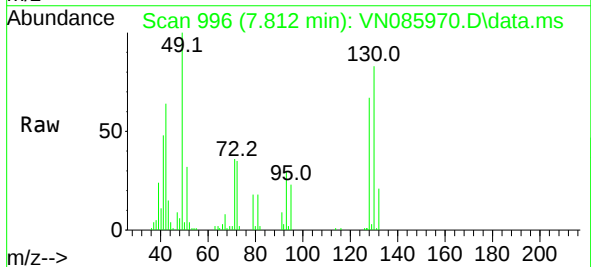
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

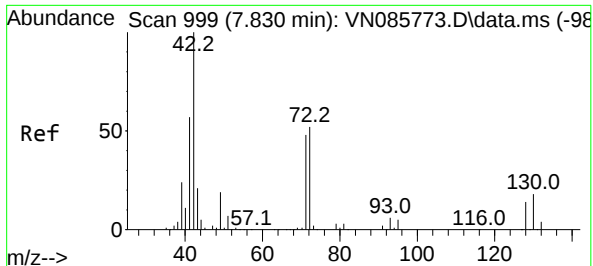
Tgt Ion: 96 Resp: 104830
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 280.6
 98 64.8 0.0 128.6



#28
 Bromochloromethane
 Concen: 50.621 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085970.D
 Acq: 13 Mar 2025 10:39

Tgt Ion: 49 Resp: 72226
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 83.8 68.0 102.0





#29

Tetrahydrofuran

Concen: 283.325 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

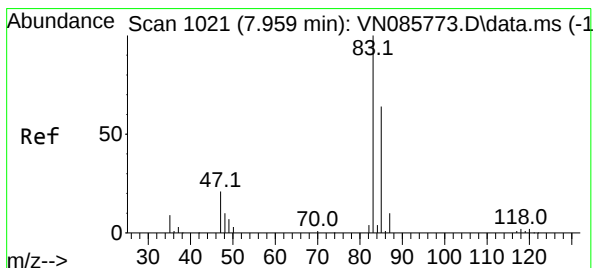
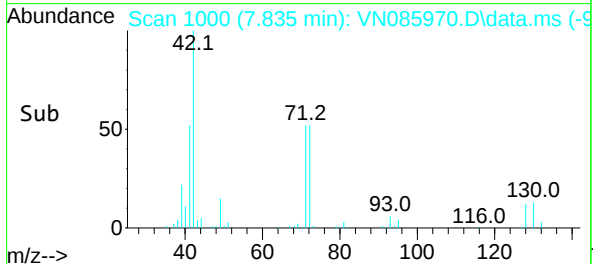
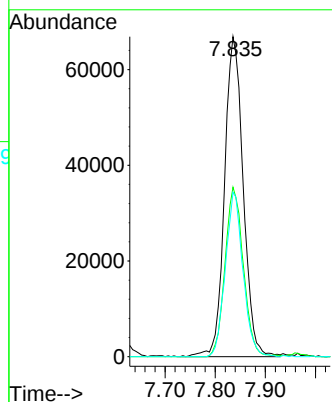
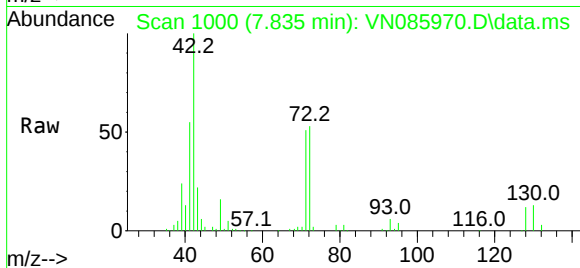
Tgt Ion: 42 Resp: 173316

Ion Ratio Lower Upper

42 100

72 51.7 40.0 60.0

71 48.5 37.0 55.4



#30

Chloroform

Concen: 50.034 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085970.D

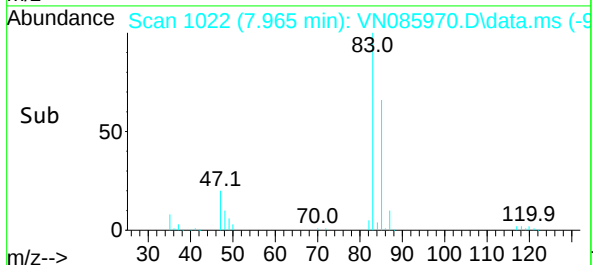
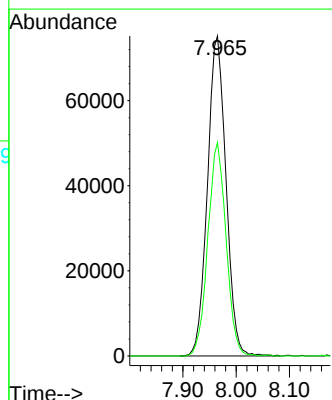
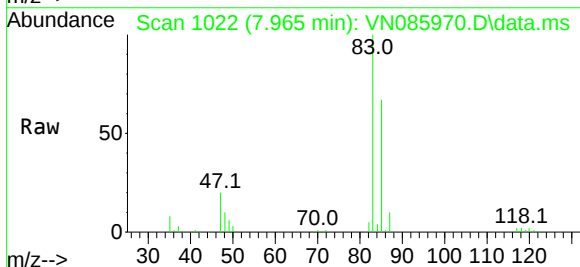
Acq: 13 Mar 2025 10:39

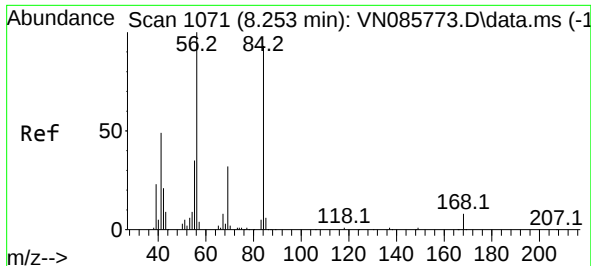
Tgt Ion: 83 Resp: 181512

Ion Ratio Lower Upper

83 100

85 66.7 50.9 76.3

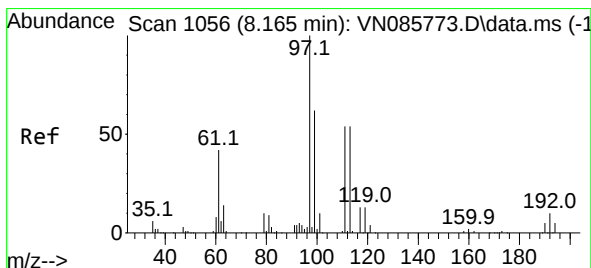
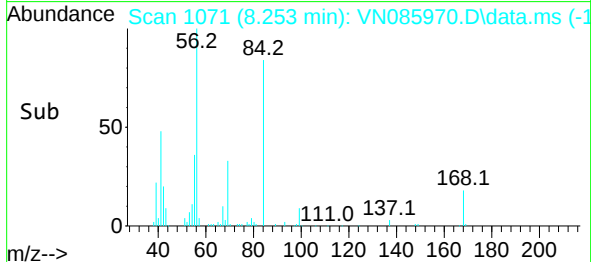
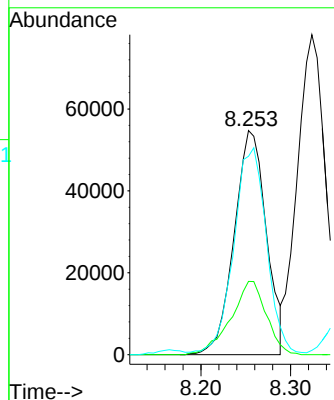
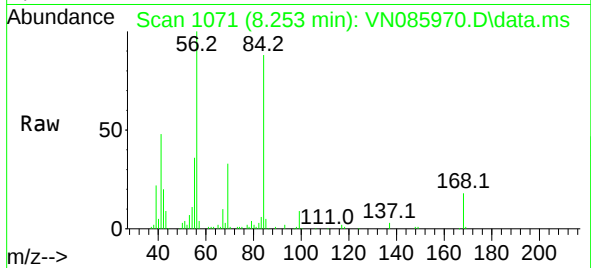




#31
Cyclohexane
Concen: 46.913 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

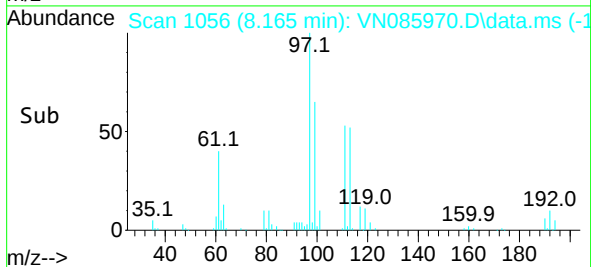
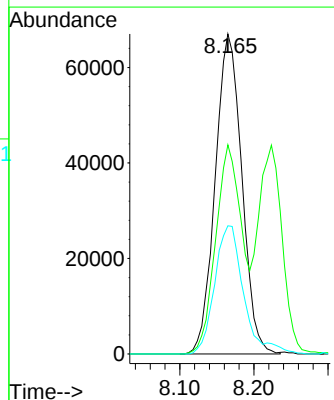
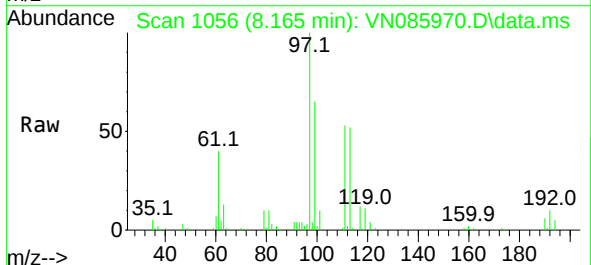
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 136357
Ion Ratio Lower Upper
56 100
69 32.7 25.8 38.6
84 86.7 74.5 111.7



#32
1,1,1-Trichloroethane
Concen: 51.862 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 97 Resp: 167344
Ion Ratio Lower Upper
97 100
99 64.5 50.4 75.6
61 43.6 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 49.218 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

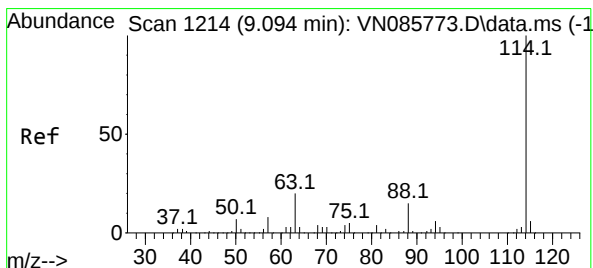
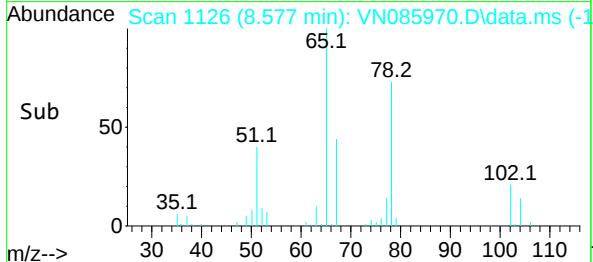
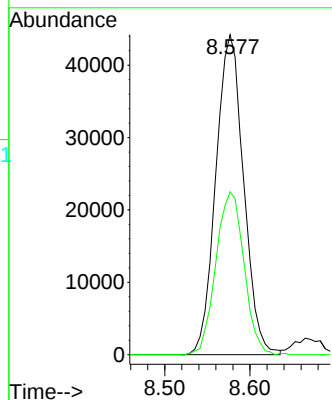
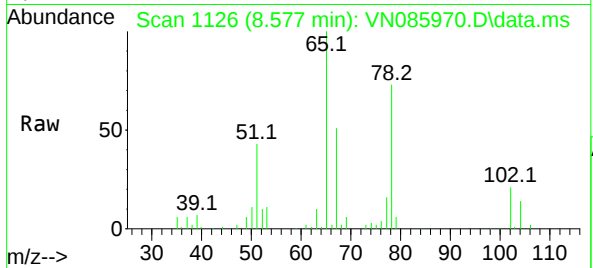
VSTDCCC050

Tgt Ion: 65 Resp: 100158

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

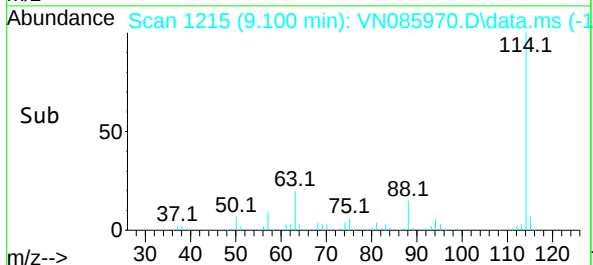
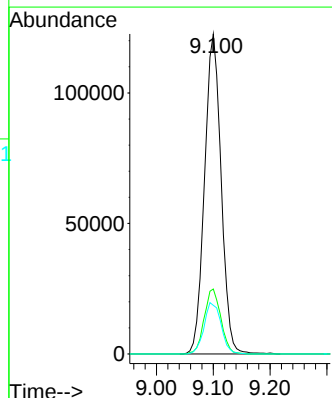
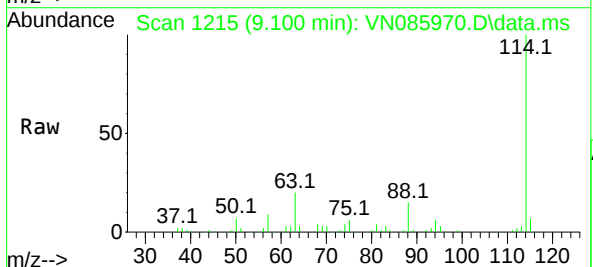
Tgt Ion: 114 Resp: 248107

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.2

88 15.2 0.0 30.0

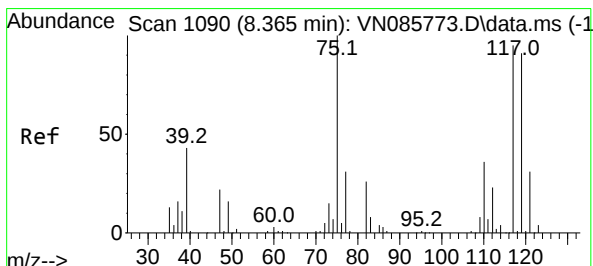
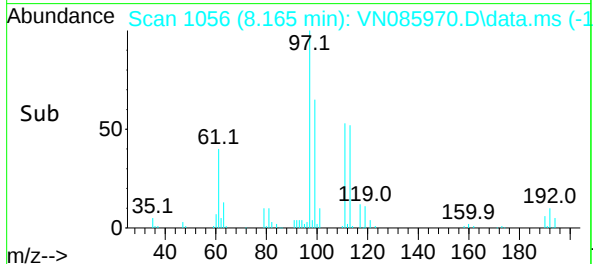
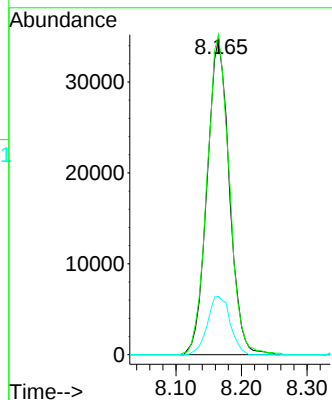
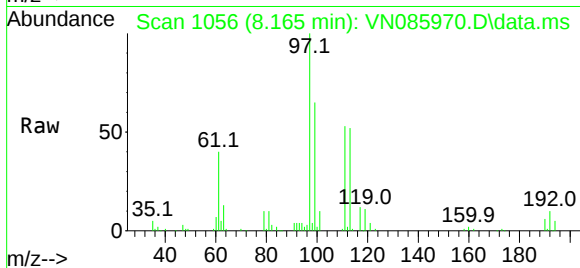




#35
Dibromofluoromethane
Concen: 50.417 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

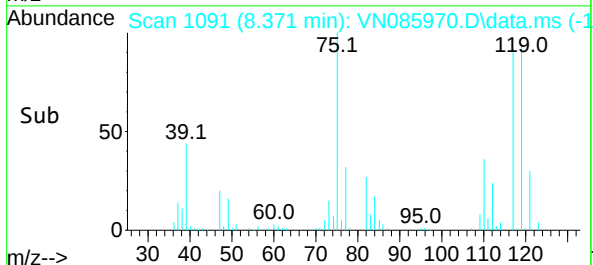
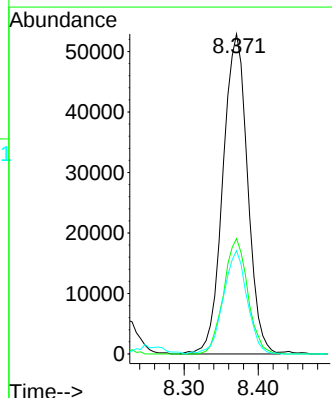
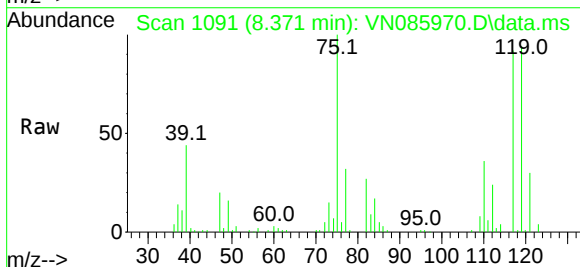
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

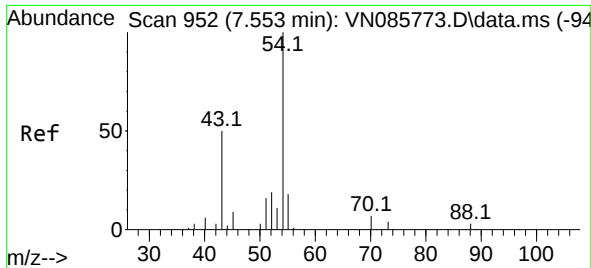
Tgt Ion:113 Resp: 81852
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 18.9 14.7 22.1



#36
1,1-Dichloropropene
Concen: 53.171 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 75 Resp: 122171
Ion Ratio Lower Upper
75 100
110 35.1 17.3 52.0
77 31.2 24.6 37.0

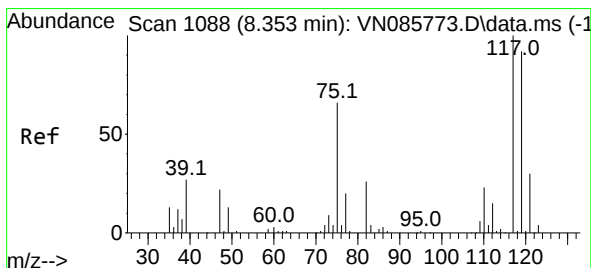
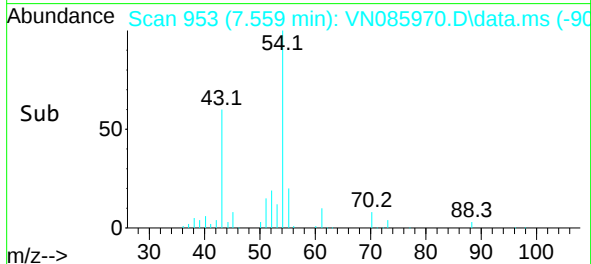
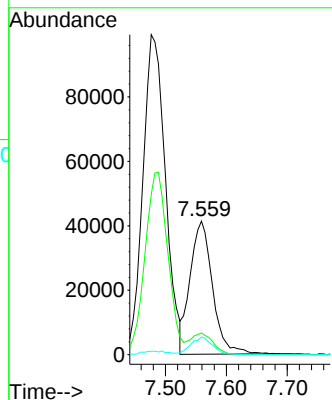
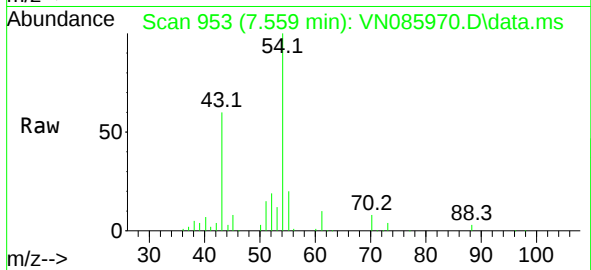




#37
Ethyl Acetate
Concen: 55.934 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

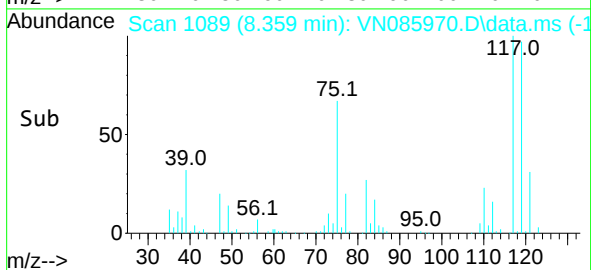
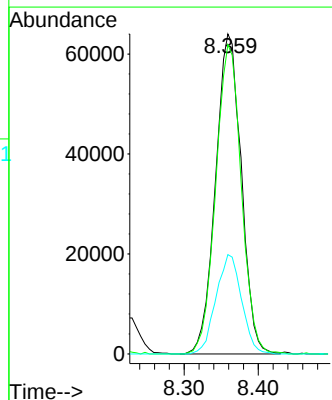
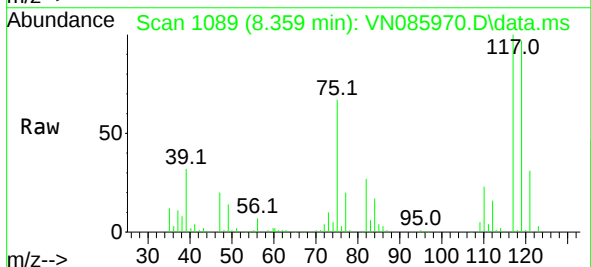
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

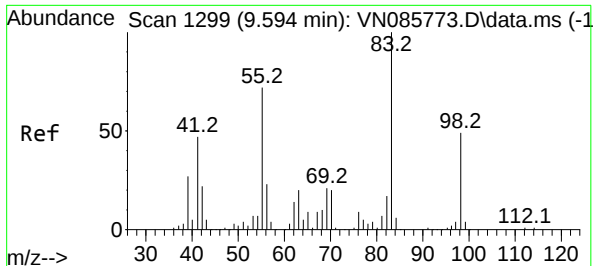
Tgt Ion: 43 Resp: 105763
Ion Ratio Lower Upper
43 100
61 15.5 12.2 18.2
70 12.9 9.5 14.3



#38
Carbon Tetrachloride
Concen: 56.510 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 117 Resp: 154279
Ion Ratio Lower Upper
117 100
119 96.7 73.8 110.6
121 31.1 24.3 36.5





#39

Methylcyclohexane

Concen: 53.384 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.006 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

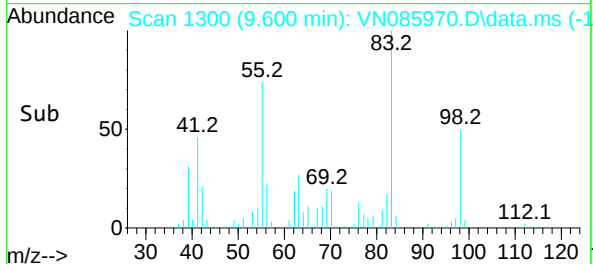
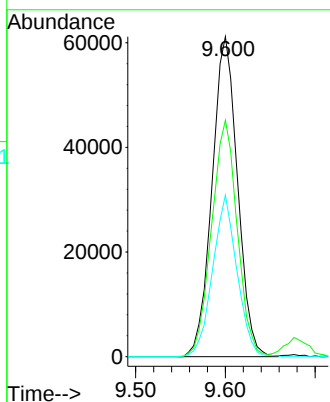
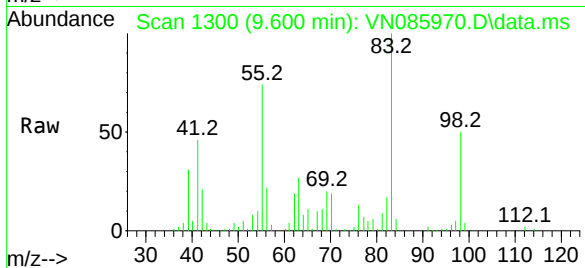
Tgt Ion: 83 Resp: 120501

Ion Ratio Lower Upper

83 100

55 73.9 57.5 86.3

98 50.5 39.2 58.8



#40

Benzene

Concen: 52.296 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085970.D

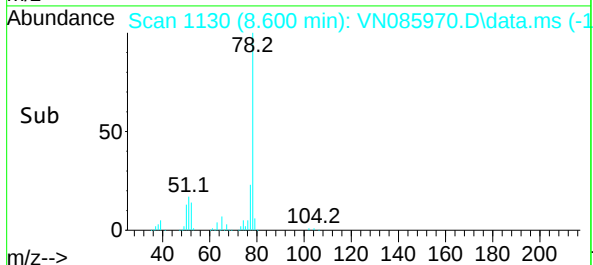
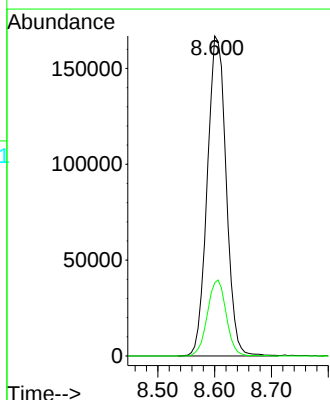
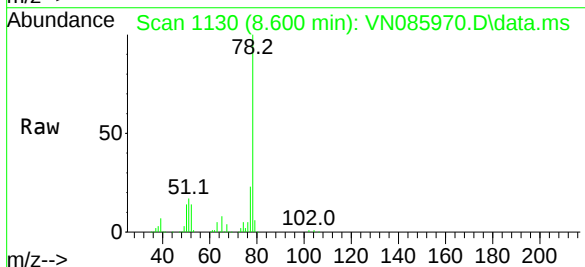
Acq: 13 Mar 2025 10:39

Tgt Ion: 78 Resp: 385118

Ion Ratio Lower Upper

78 100

77 22.8 18.3 27.5



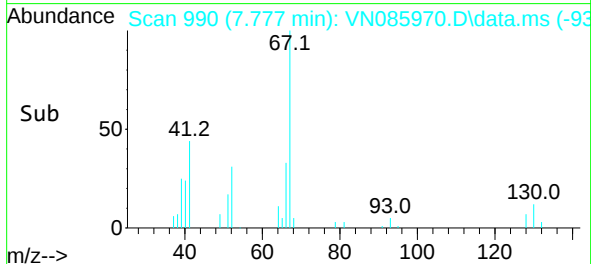
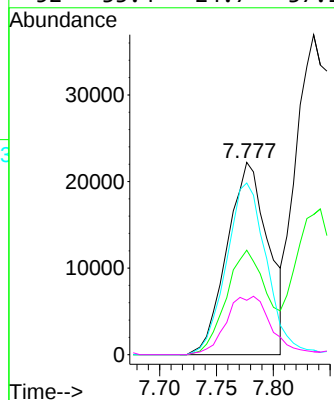
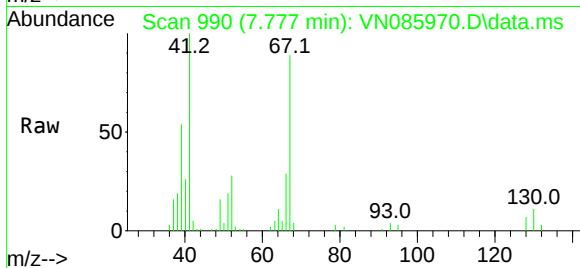


#41
Methacrylonitrile
Concen: 55.326 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 55924

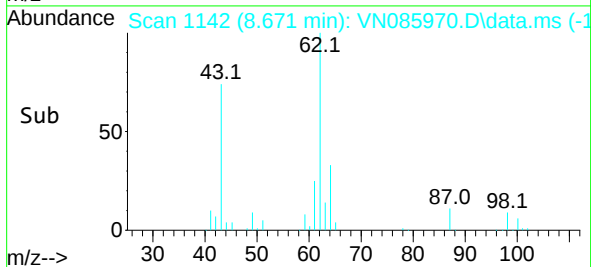
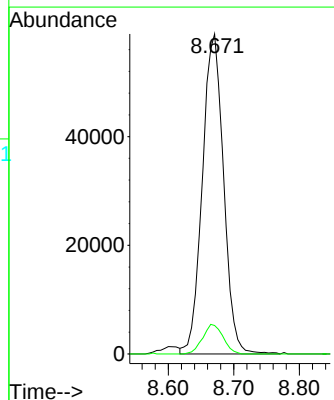
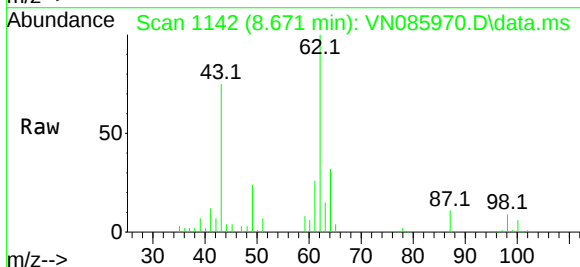
Ion	Ratio	Lower	Upper
41	100		
39	54.4	42.0	63.0
67	87.7	64.2	96.4
52	33.4	24.7	37.1



#42
1,2-Dichloroethane
Concen: 55.294 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 62 Resp: 132634

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.6

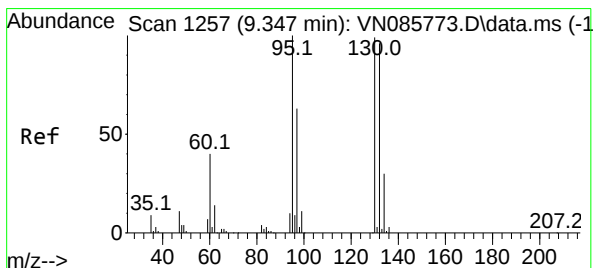
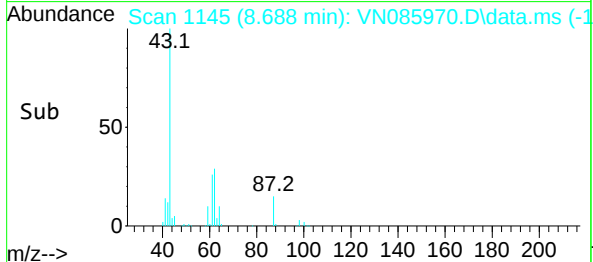
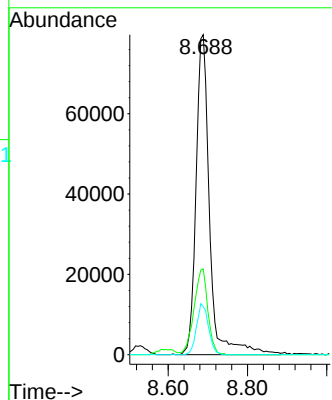
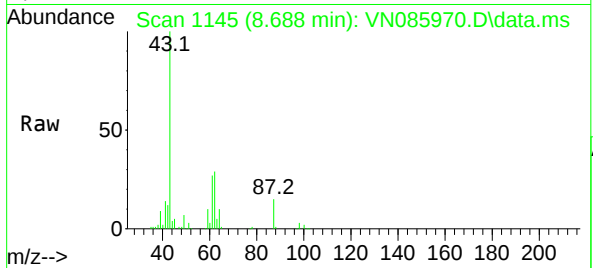




#43
Isopropyl Acetate
Concen: 56.843 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

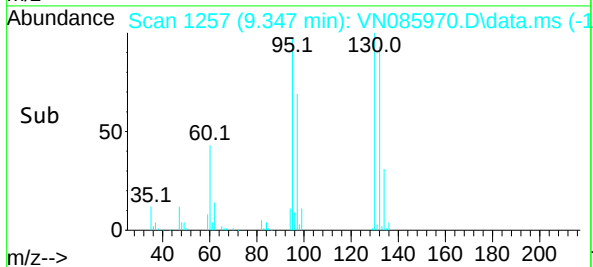
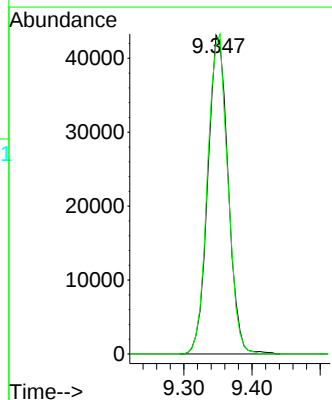
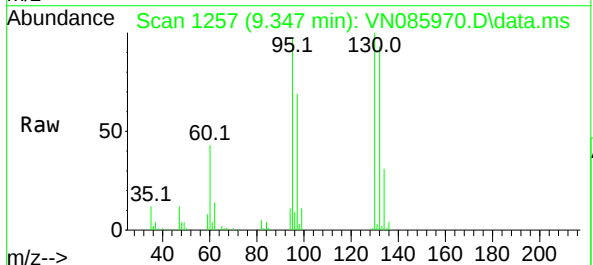
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

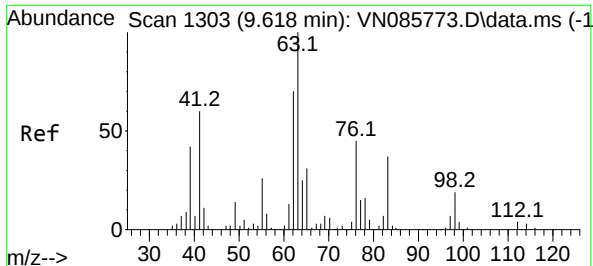
Tgt Ion: 43 Resp: 188380
Ion Ratio Lower Upper
43 100
61 27.5 22.6 34.0
87 14.0 11.8 17.8



#44
Trichloroethene
Concen: 49.404 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion:130 Resp: 89330
Ion Ratio Lower Upper
130 100
95 97.0 0.0 202.6





#45

1,2-Dichloropropane

Concen: 52.286 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

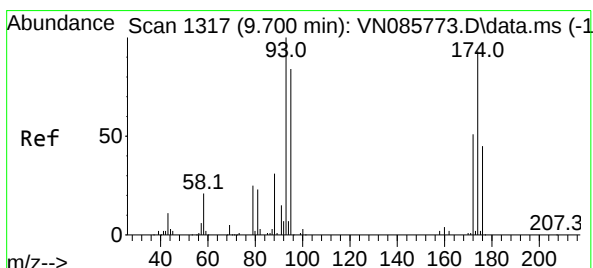
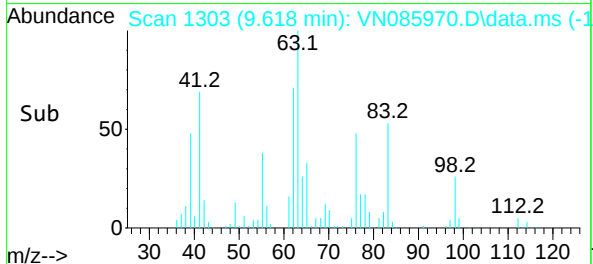
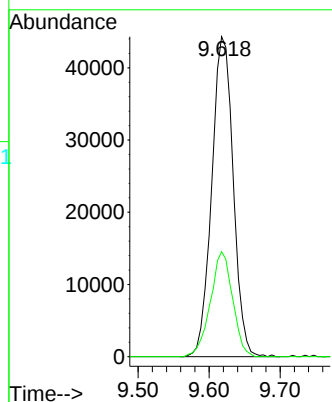
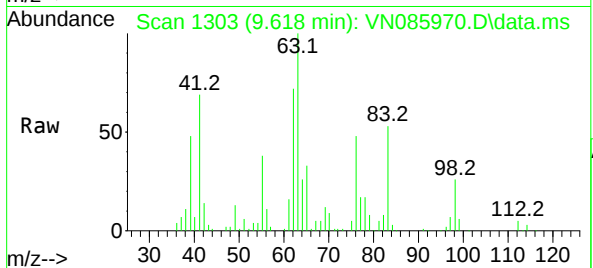
VSTDCCC050

Tgt Ion: 63 Resp: 92943

Ion Ratio Lower Upper

63 100

65 32.8 25.1 37.7



#46

Dibromomethane

Concen: 53.916 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

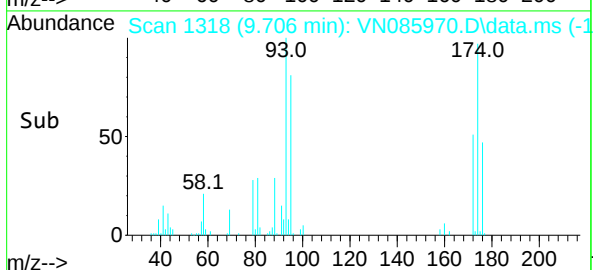
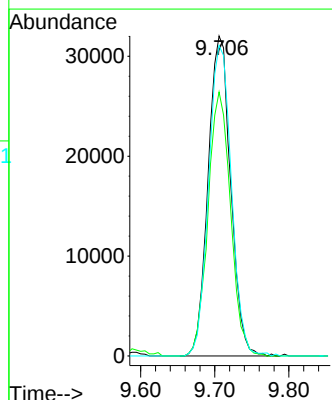
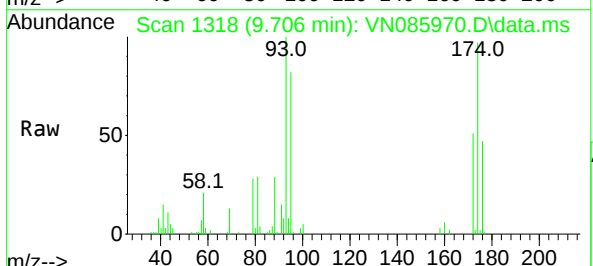
Tgt Ion: 93 Resp: 67602

Ion Ratio Lower Upper

93 100

95 82.8 66.7 100.1

174 98.6 77.2 115.8

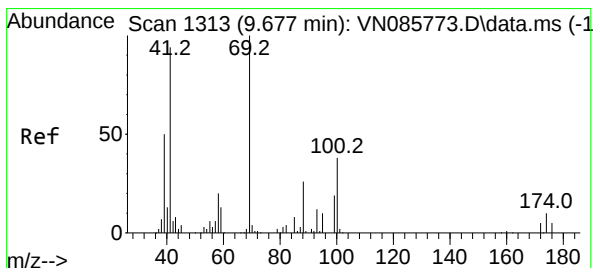
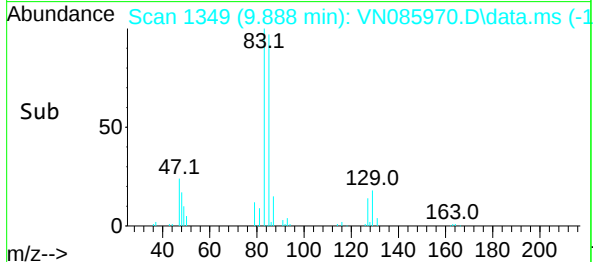
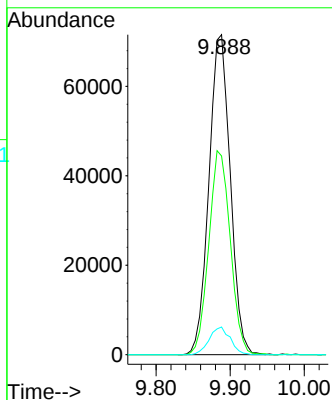
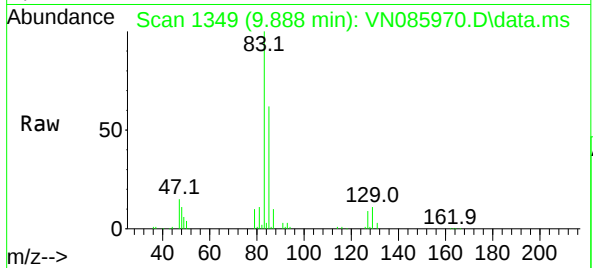




#47
Bromodichloromethane
Concen: 53.355 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

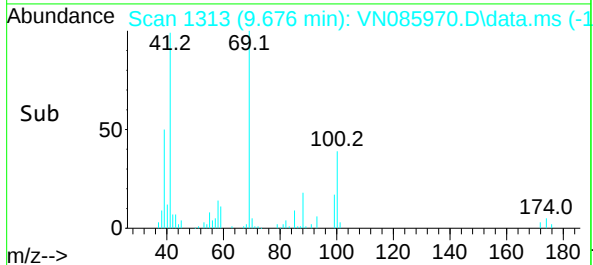
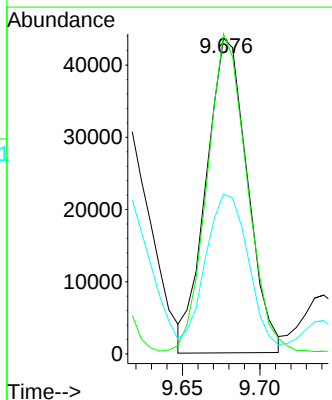
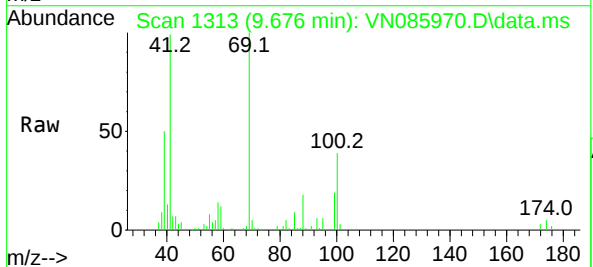
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

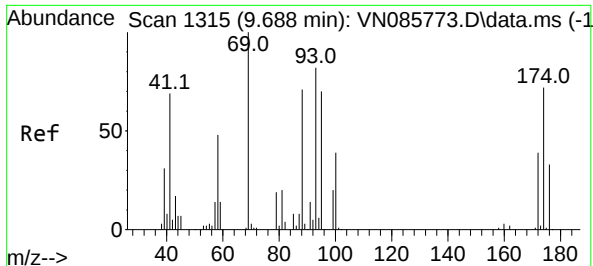
Tgt Ion: 83 Resp: 143128
Ion Ratio Lower Upper
83 100
85 62.1 50.5 75.7
127 8.6 7.2 10.8



#48
Methyl methacrylate
Concen: 57.332 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 41 Resp: 80510
Ion Ratio Lower Upper
41 100
69 100.0 76.0 114.0
39 54.2 42.3 63.5





#49

1,4-Dioxane

Concen: 1256.975 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

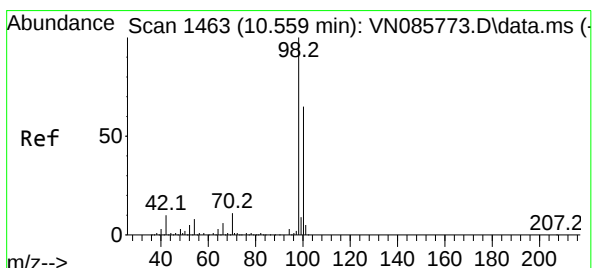
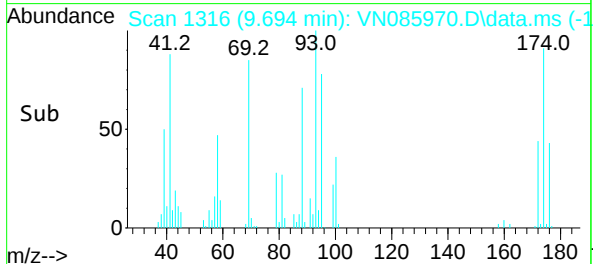
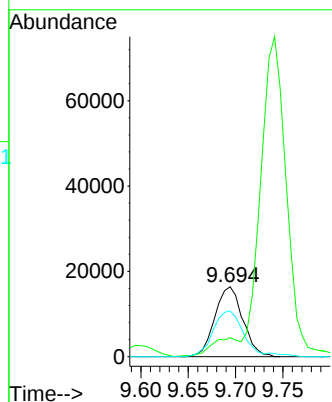
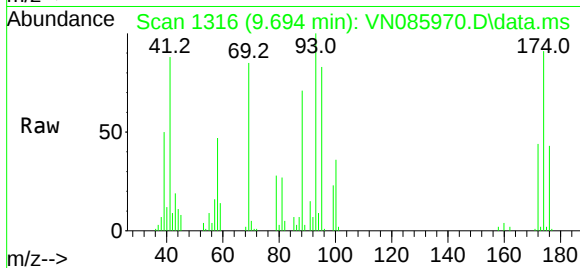
Tgt Ion: 88 Resp: 33566

Ion Ratio Lower Upper

88 100

43 28.7 18.6 27.8#

58 73.1 56.7 85.1



#50

Toluene-d8

Concen: 49.971 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085970.D

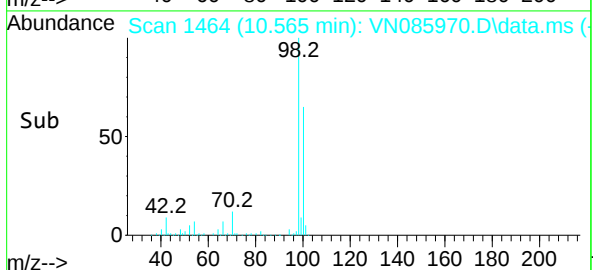
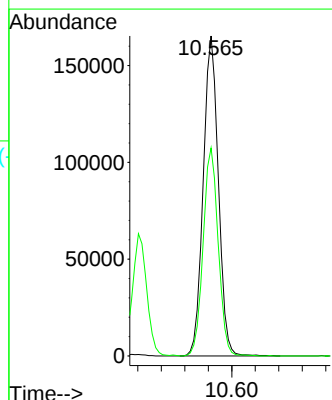
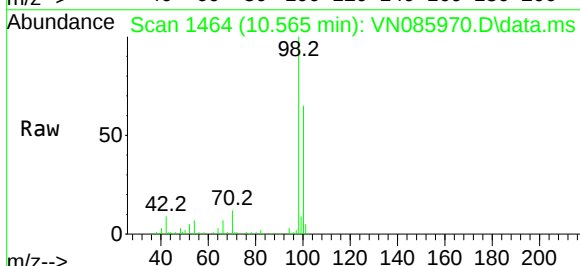
Acq: 13 Mar 2025 10:39

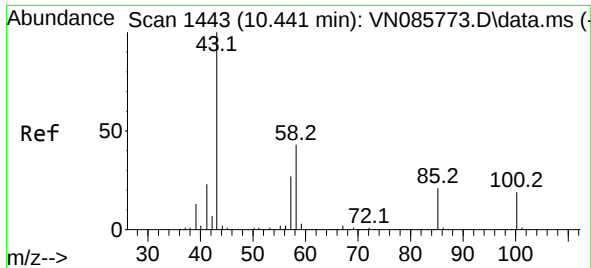
Tgt Ion: 98 Resp: 295167

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1

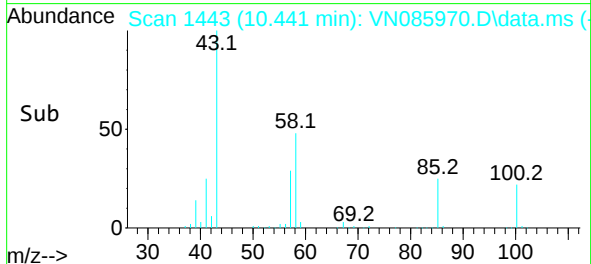
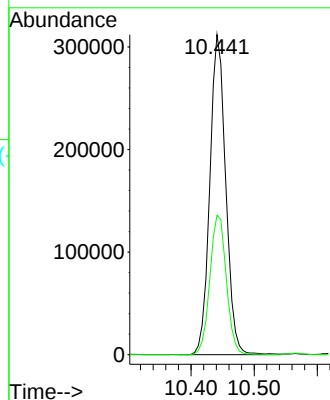
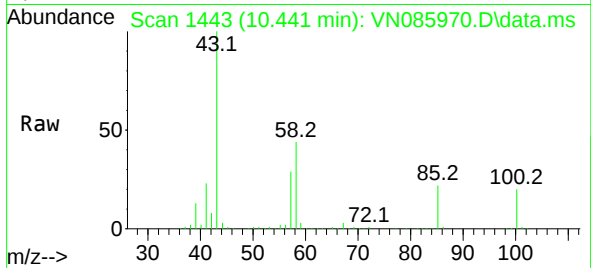




#51
4-Methyl-2-Pentanone
Concen: 299.063 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

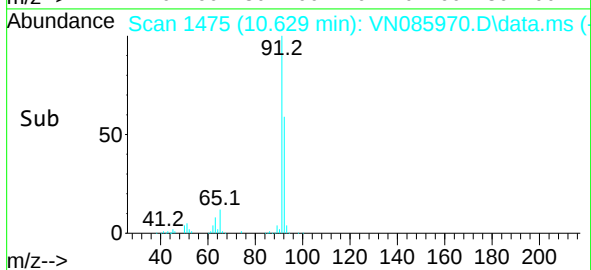
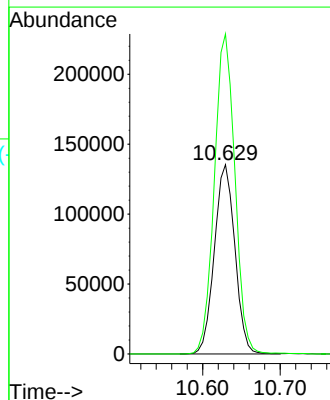
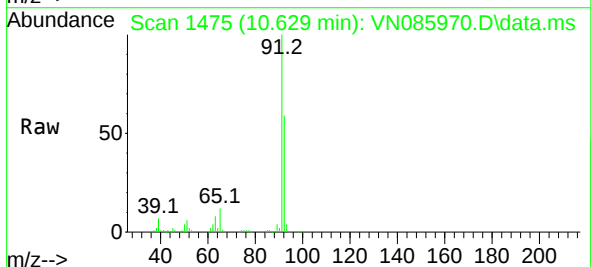
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 545204
Ion Ratio Lower Upper
43 100
58 45.2 34.6 52.0



#52
Toluene
Concen: 57.698 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 92 Resp: 249073
Ion Ratio Lower Upper
92 100
91 169.5 136.9 205.3

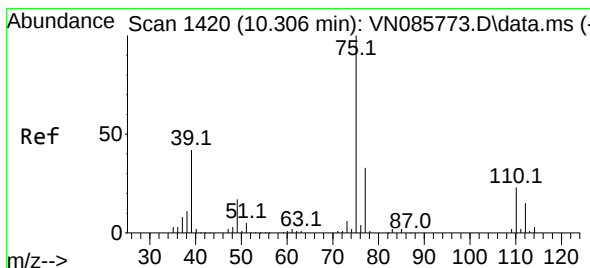
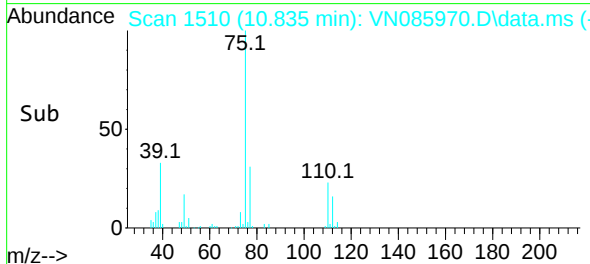
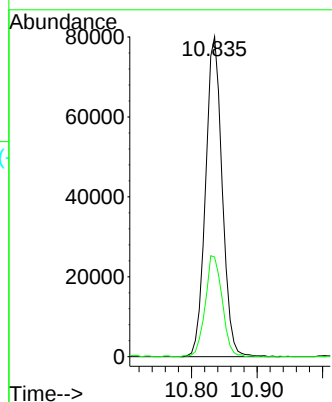
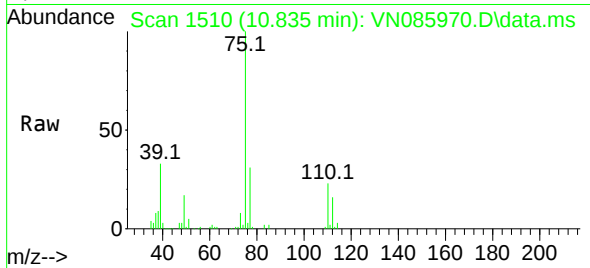




#53
 t-1,3-Dichloropropene
 Concen: 56.855 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN085970.D
 Acq: 13 Mar 2025 10:39

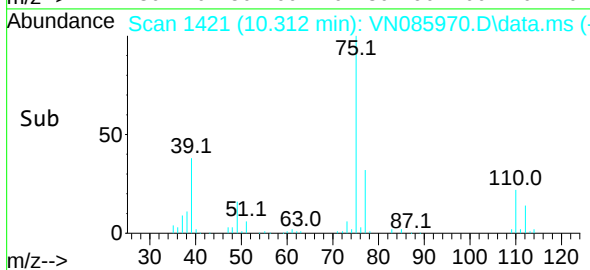
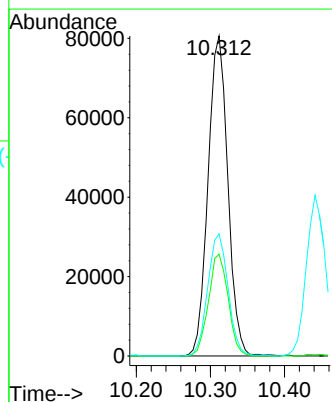
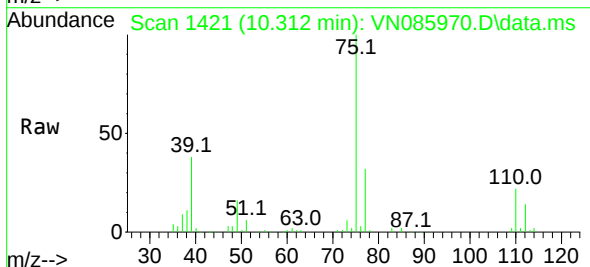
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 141031
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 54.992 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085970.D
 Acq: 13 Mar 2025 10:39

Tgt Ion: 75 Resp: 149581
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.1 39.1
 39 38.1 33.4 50.0





#55

1,1,2-Trichloroethane

Concen: 55.138 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 94635

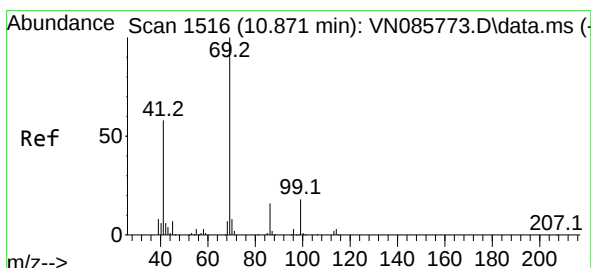
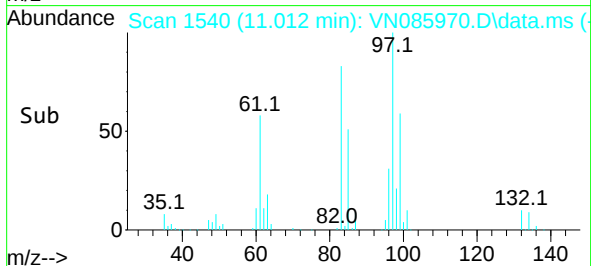
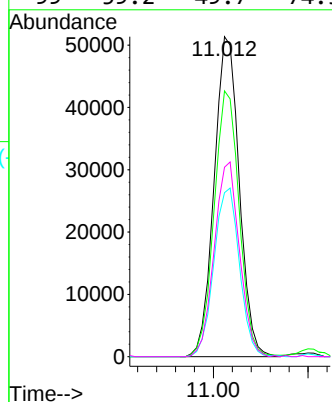
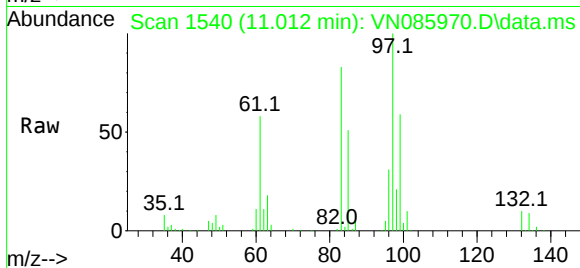
Ion Ratio Lower Upper

97 100

83 83.1 66.1 99.1

85 51.2 44.7 67.1

99 59.2 49.7 74.5



#56

Ethyl methacrylate

Concen: 55.061 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

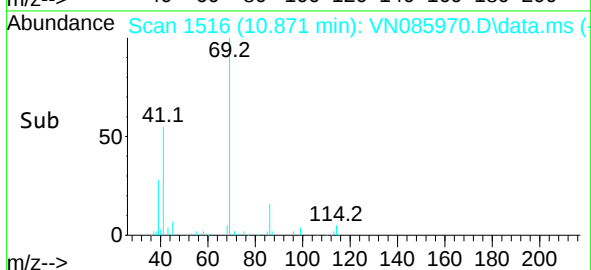
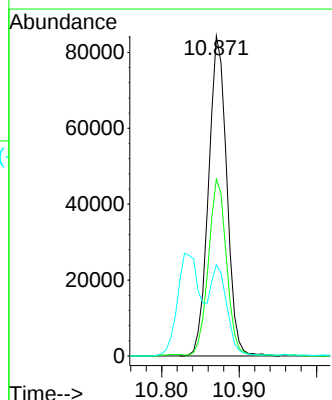
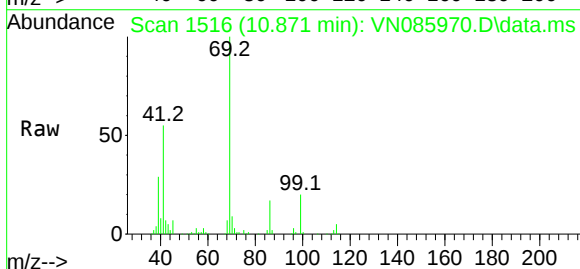
Tgt Ion: 69 Resp: 137562

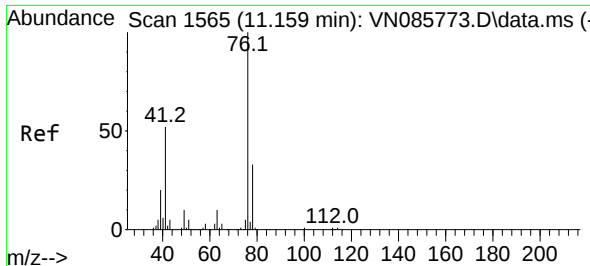
Ion Ratio Lower Upper

69 100

41 54.2 46.0 69.0

39 24.3 22.0 33.0

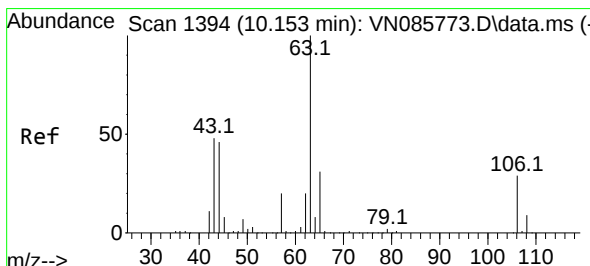
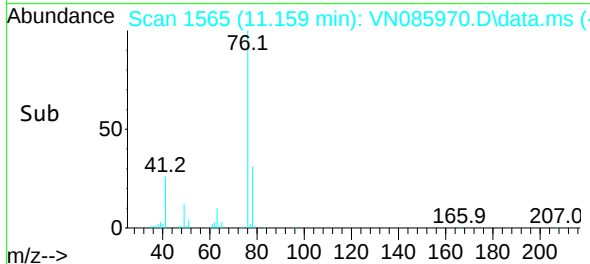
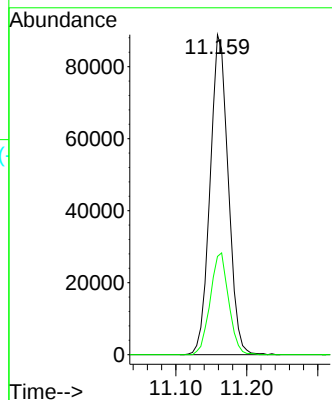
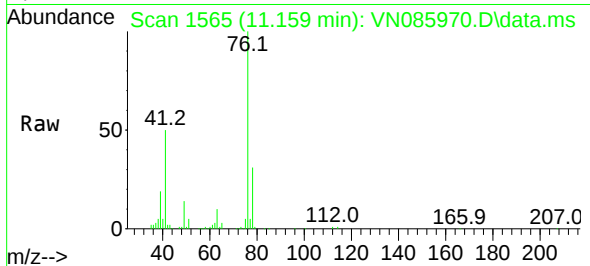




#57
1,3-Dichloropropane
Concen: 55.013 ug/l
RT: 11.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

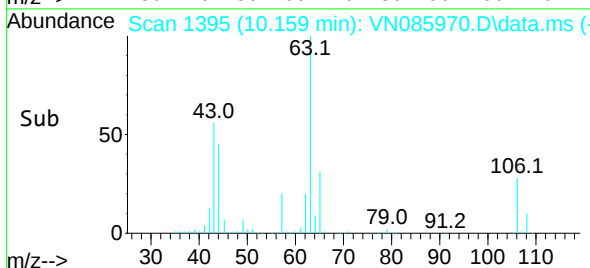
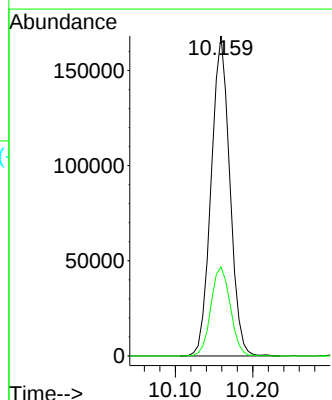
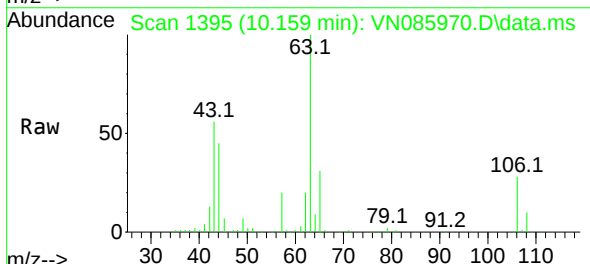
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

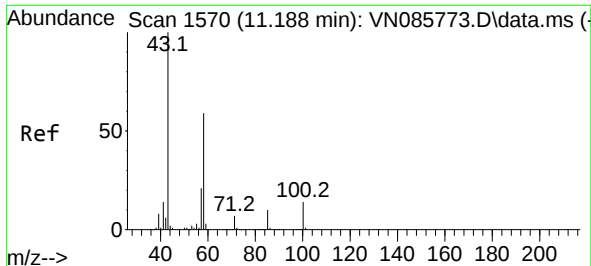
Tgt Ion: 76 Resp: 157619
Ion Ratio Lower Upper
76 100
78 32.2 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 280.839 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 63 Resp: 281117
Ion Ratio Lower Upper
63 100
106 28.9 22.7 34.1

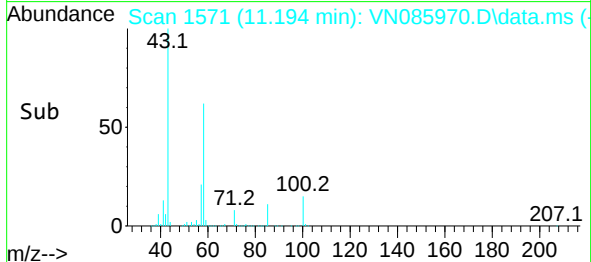
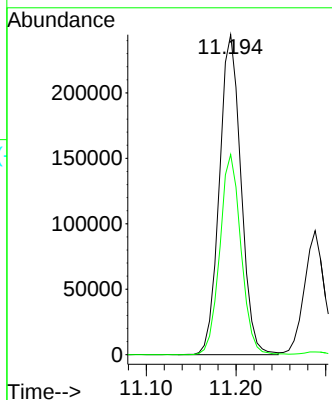
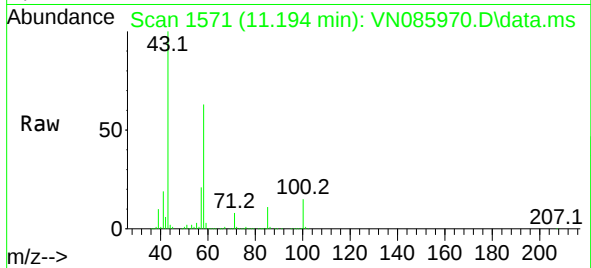




#59
2-Hexanone
Concen: 325.472 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

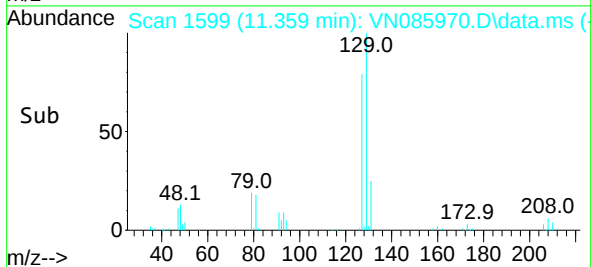
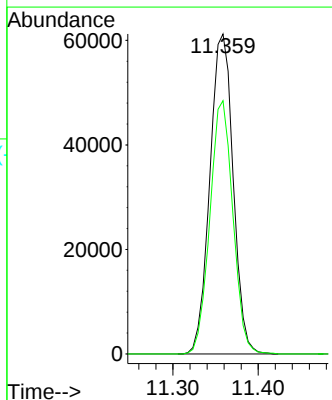
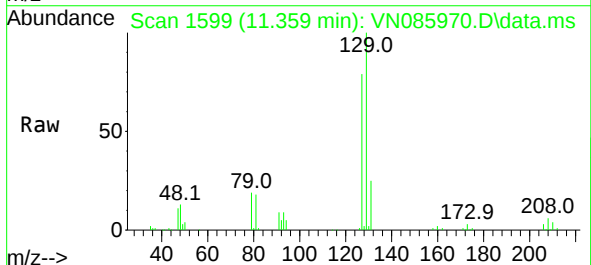
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

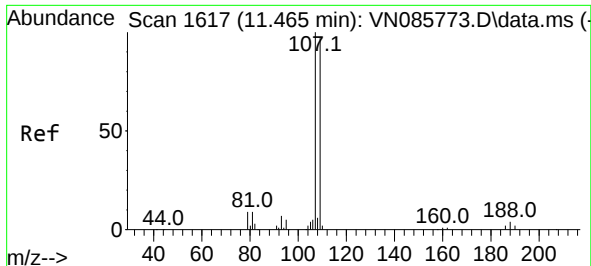
Tgt Ion: 43 Resp: 408192
Ion Ratio Lower Upper
43 100
58 61.2 29.8 89.5



#60
Dibromochloromethane
Concen: 58.143 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion:129 Resp: 116202
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.5

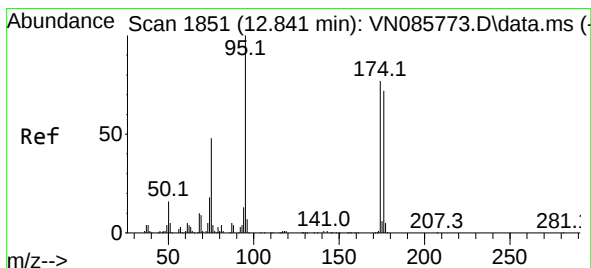
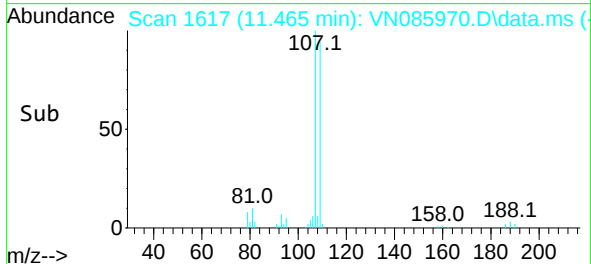
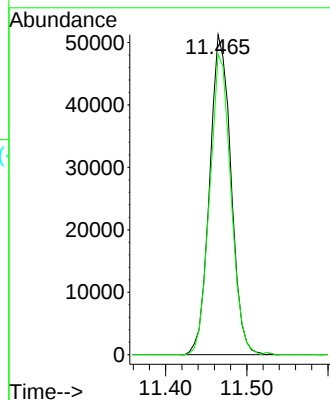
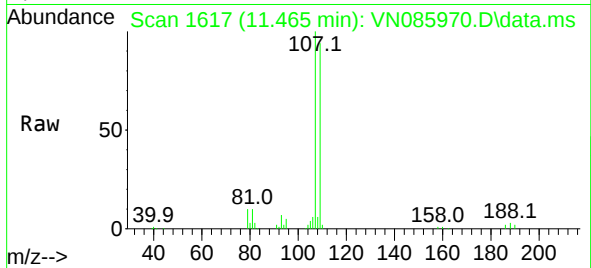




#61
1,2-Dibromoethane
Concen: 57.662 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

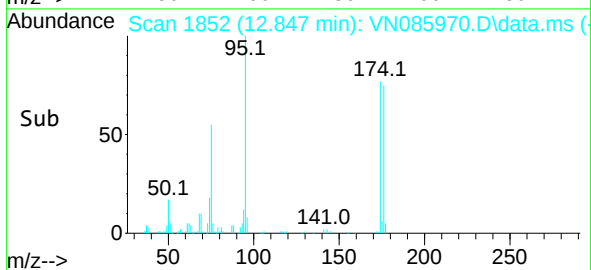
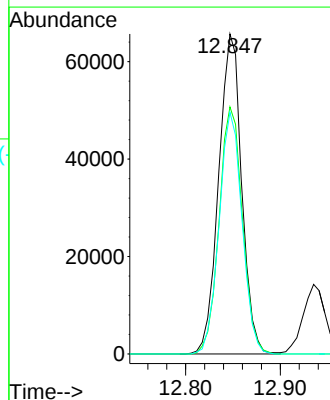
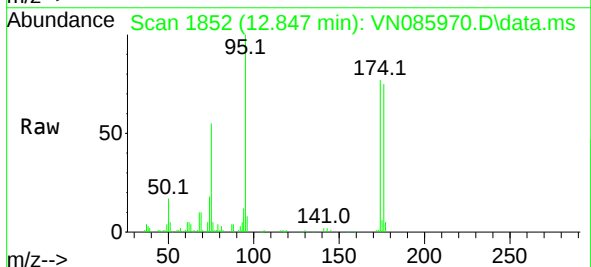
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

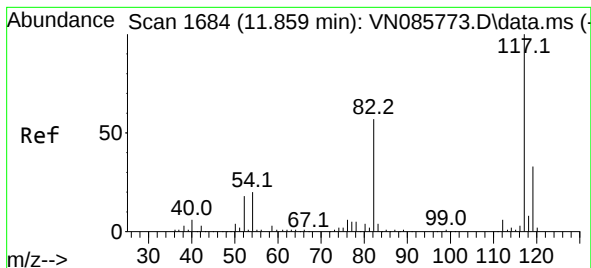
Tgt Ion:107 Resp: 93509
Ion Ratio Lower Upper
107 100
109 92.8 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 56.884 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 95 Resp: 110704
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.4
176 75.3 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

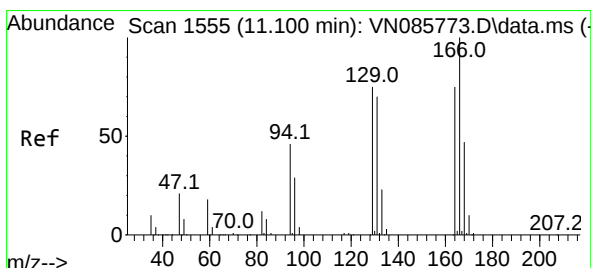
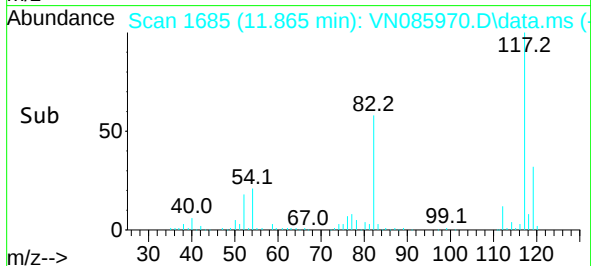
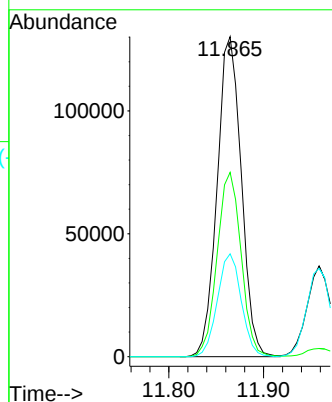
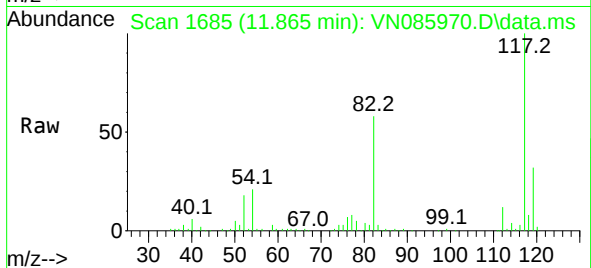
Tgt Ion:117 Resp: 230857

Ion Ratio Lower Upper

117 100

82 57.6 45.7 68.5

119 32.1 26.2 39.2



#64

Tetrachloroethene

Concen: 50.709 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

Tgt Ion:164 Resp: 90691

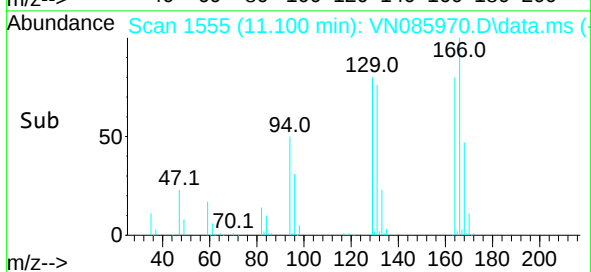
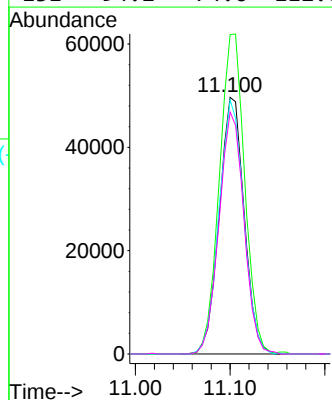
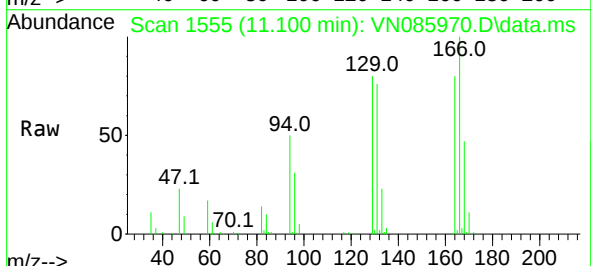
Ion Ratio Lower Upper

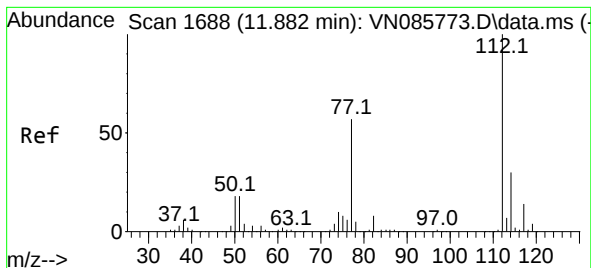
164 100

166 124.4 107.2 160.8

129 98.9 80.7 121.1

131 94.2 74.6 112.0

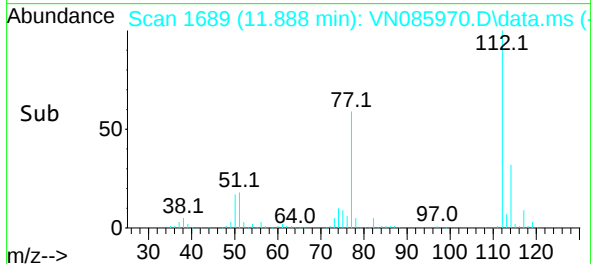
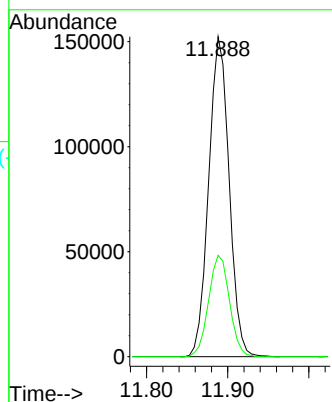
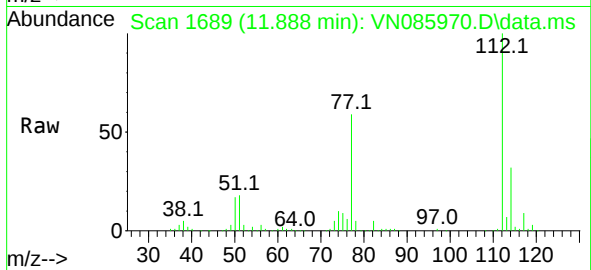




#65
Chlorobenzene
Concen: 50.264 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

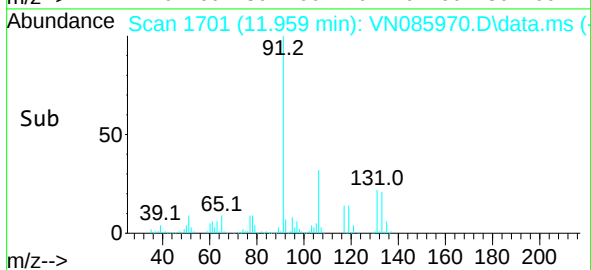
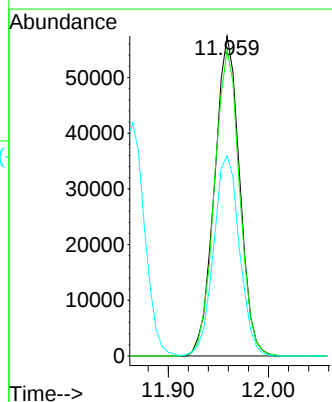
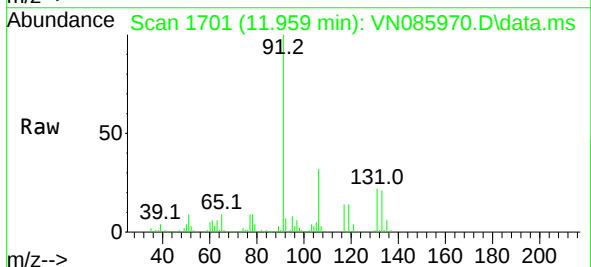
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

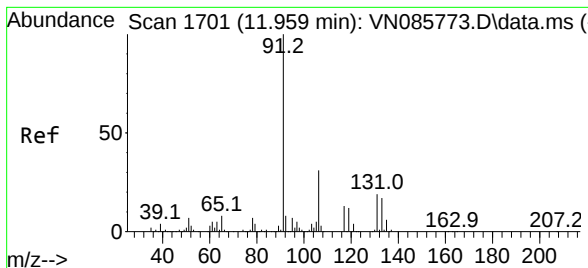
Tgt Ion:112 Resp: 265828
Ion Ratio Lower Upper
112 100
114 31.7 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.620 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion:131 Resp: 100025
Ion Ratio Lower Upper
131 100
133 95.8 47.7 143.1
119 64.3 33.3 99.8





#67

Ethyl Benzene

Concen: 55.715 ug/l

RT: 11.965 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

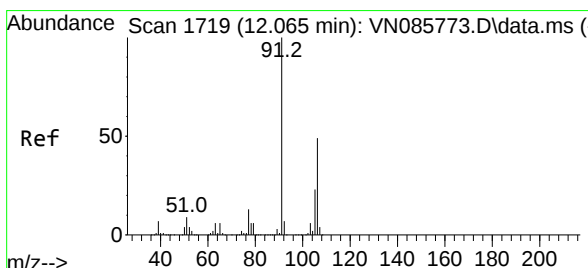
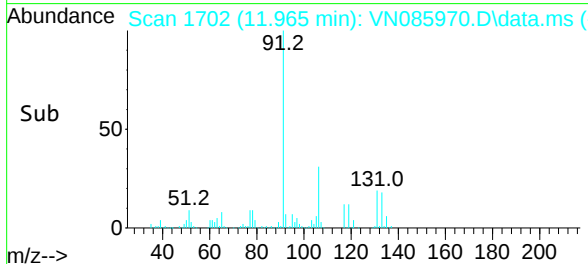
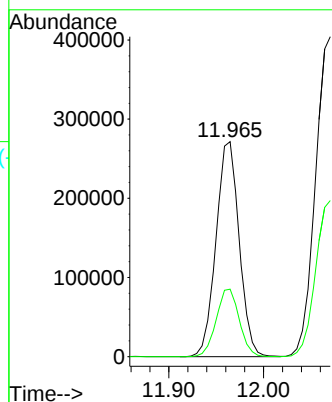
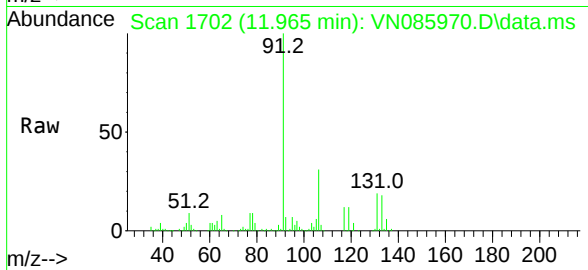
VSTDCCC050

Tgt Ion: 91 Resp: 461562

Ion Ratio Lower Upper

91 100

106 31.4 24.7 37.1



#68

m/p-Xylenes

Concen: 119.678 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. 0.005 min

Lab File: VN085970.D

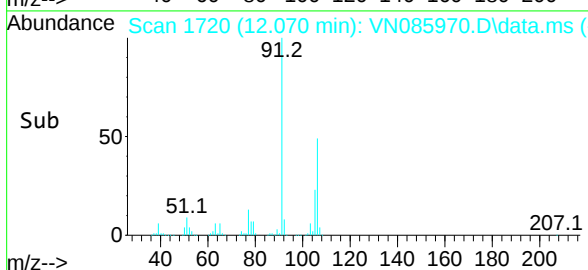
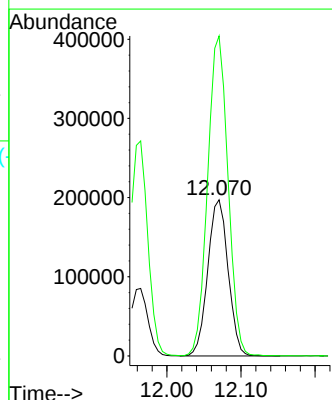
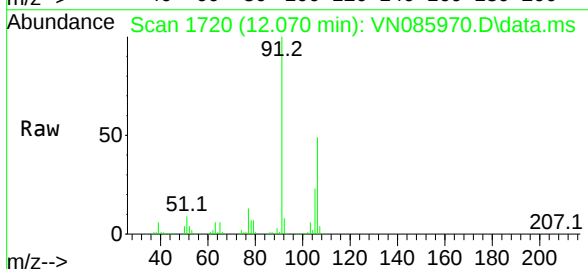
Acq: 13 Mar 2025 10:39

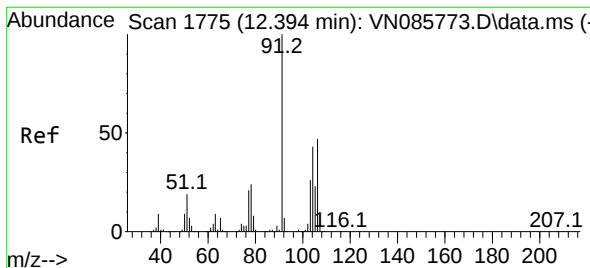
Tgt Ion:106 Resp: 376601

Ion Ratio Lower Upper

106 100

91 204.5 163.3 244.9





#69

o-Xylene

Concen: 58.732 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

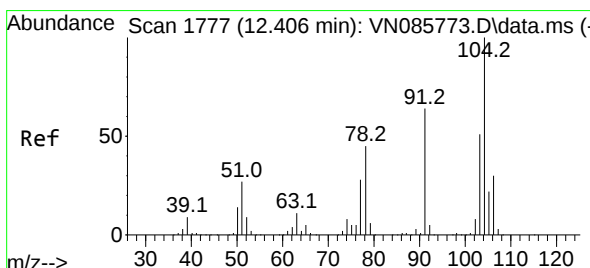
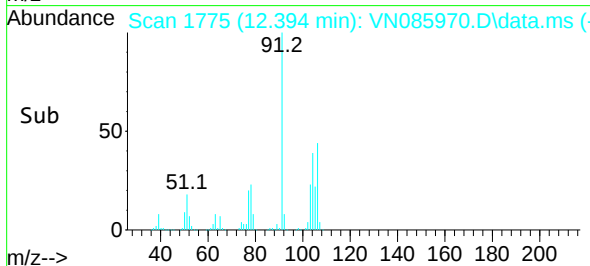
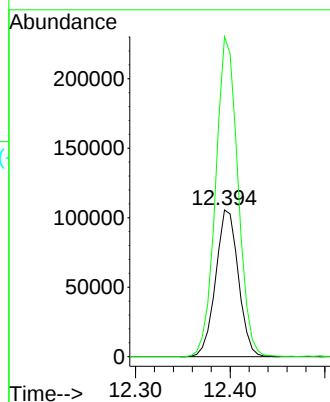
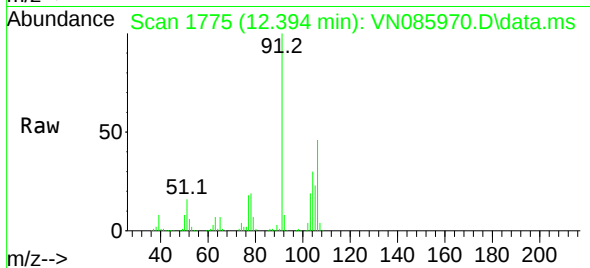
VSTDCCC050

Tgt Ion:106 Resp: 175623

Ion Ratio Lower Upper

106 100

91 214.9 107.1 321.4



#70

Styrene

Concen: 54.093 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

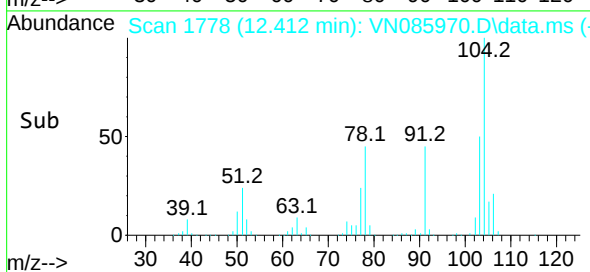
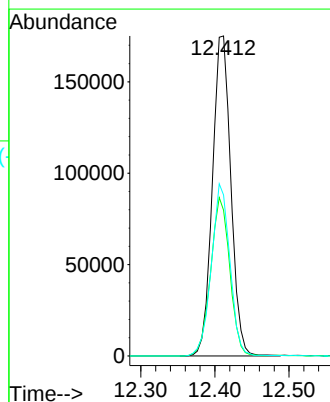
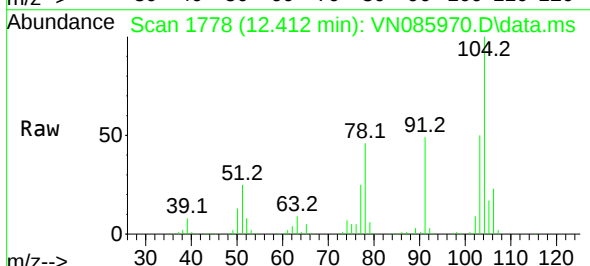
Tgt Ion:104 Resp: 303613

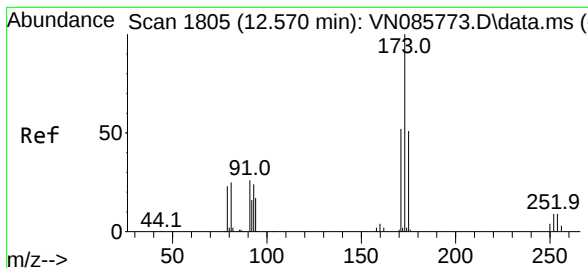
Ion Ratio Lower Upper

104 100

78 51.1 39.0 58.6

103 54.1 43.3 64.9





#71

Bromoform

Concen: 59.326 ug/l

RT: 12.576 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

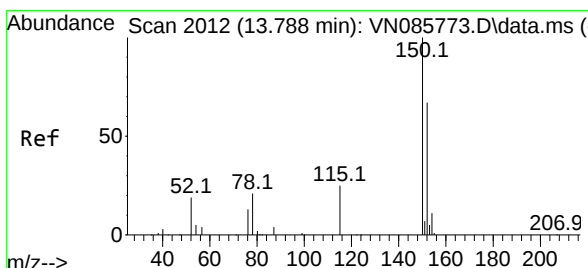
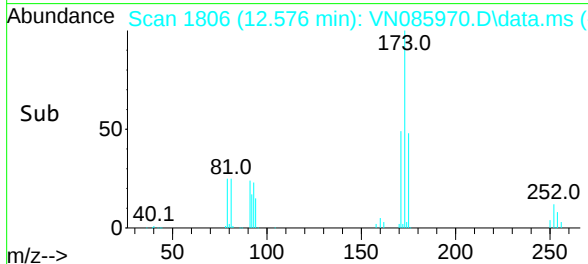
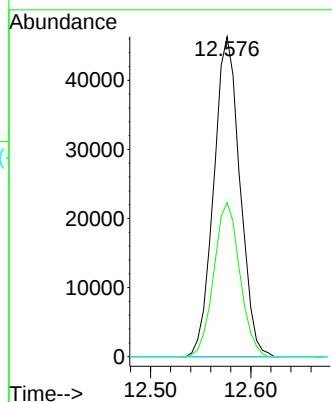
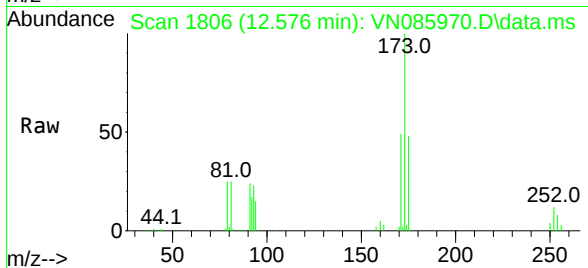
Tgt Ion:173 Resp: 83797

Ion Ratio Lower Upper

173 100

175 47.8 25.1 75.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

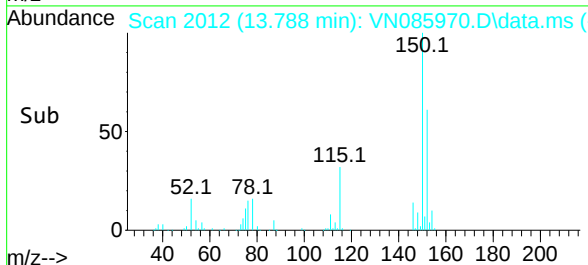
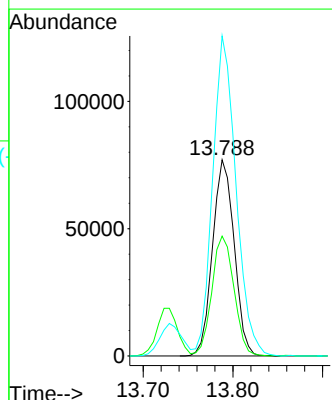
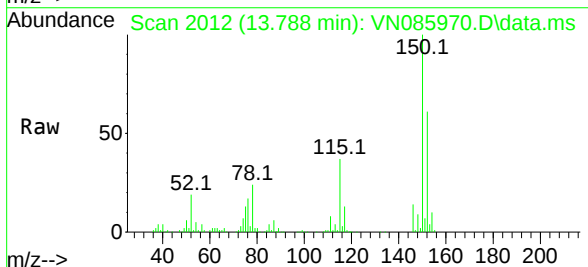
Tgt Ion:152 Resp: 129071

Ion Ratio Lower Upper

152 100

115 62.6 30.4 91.3

150 176.0 0.0 345.4

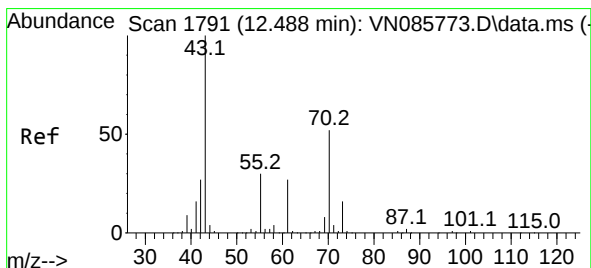
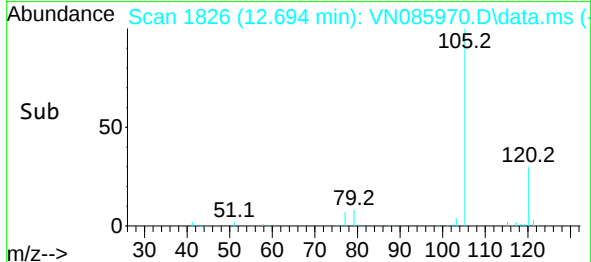
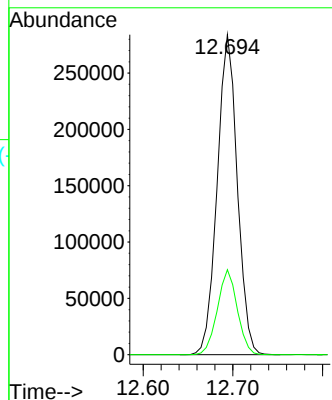
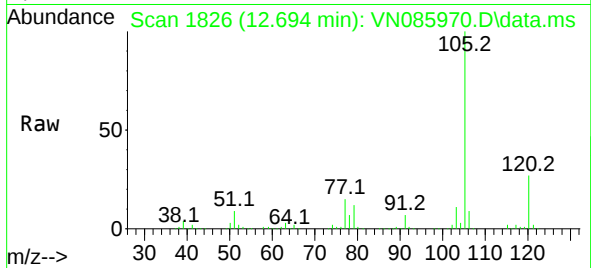




#73
Isopropylbenzene
Concen: 49.949 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

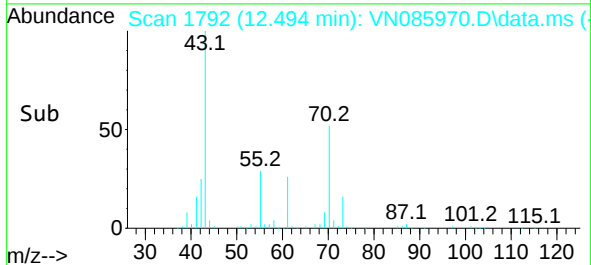
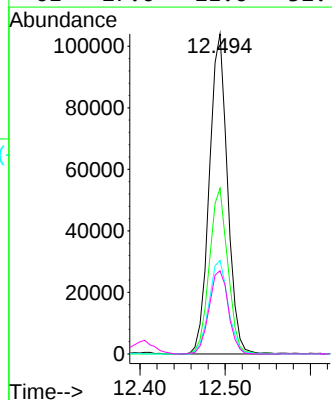
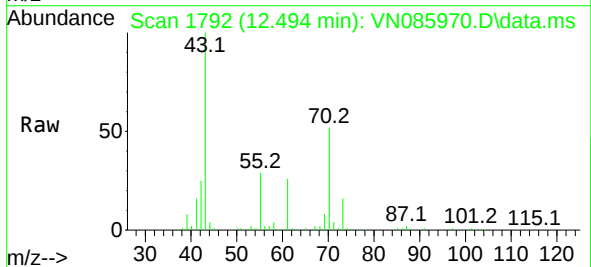
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

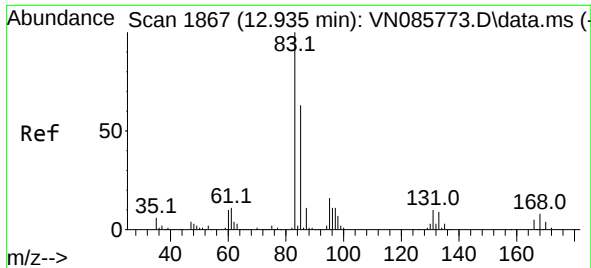
Tgt Ion:105 Resp: 441683
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0



#74
N-ethyl acetate
Concen: 49.384 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 43 Resp: 153994
Ion Ratio Lower Upper
43 100
70 52.3 41.0 61.4
55 30.8 24.6 36.8
61 27.6 21.6 32.4

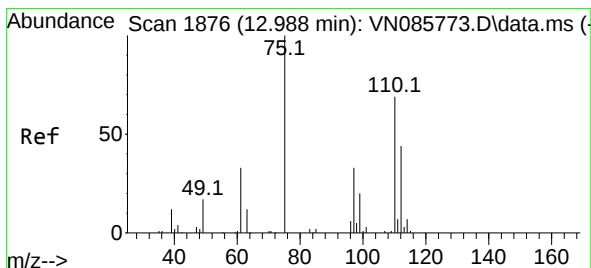
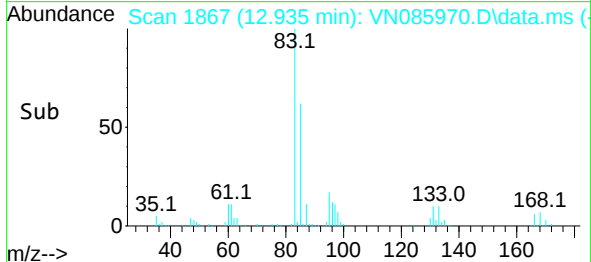
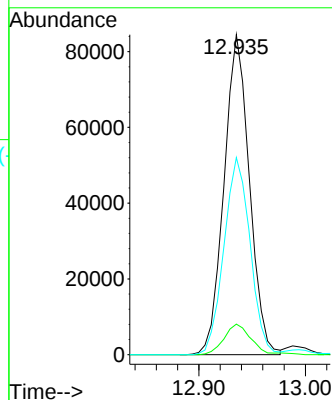
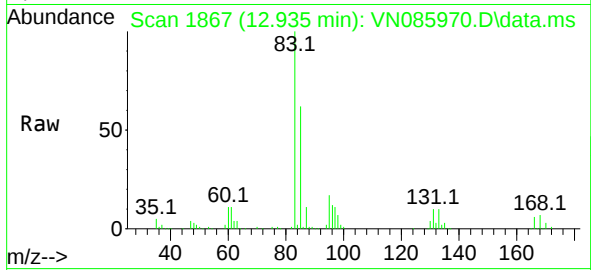




#75
1,1,2,2-Tetrachloroethane
Concen: 45.902 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

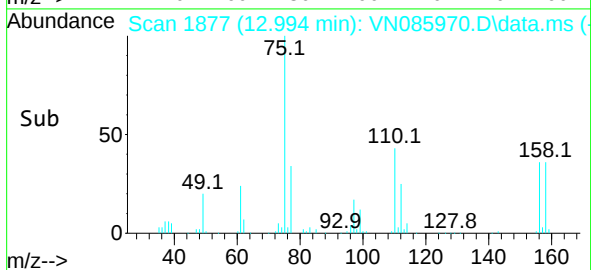
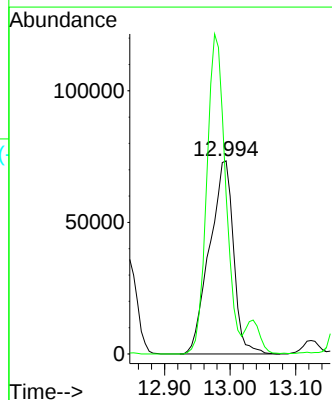
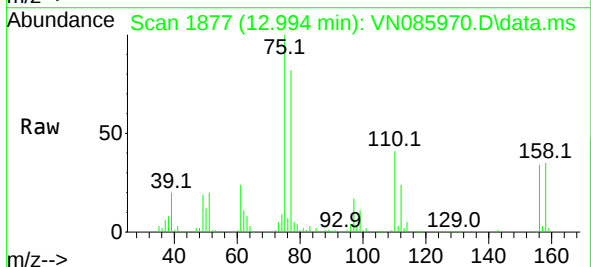
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

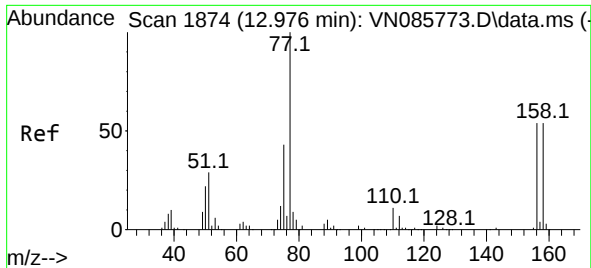
Tgt Ion: 83 Resp: 139672
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 63.6 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 64.842 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 75 Resp: 185909
Ion Ratio Lower Upper
75 100
77 130.4 100.0 300.0

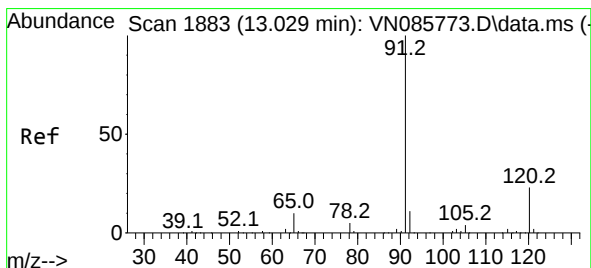
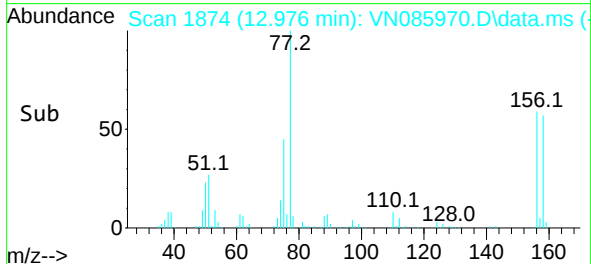
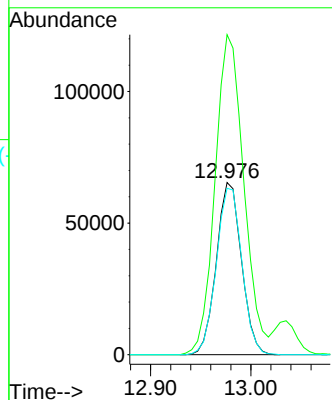
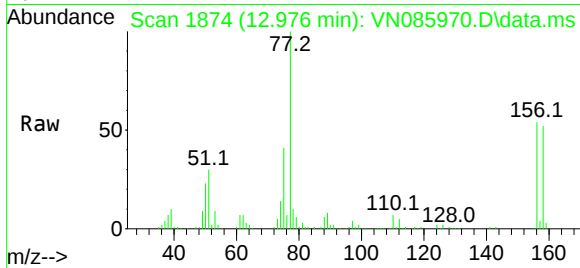




#77
Bromobenzene
Concen: 47.609 ug/l
RT: 12.976 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

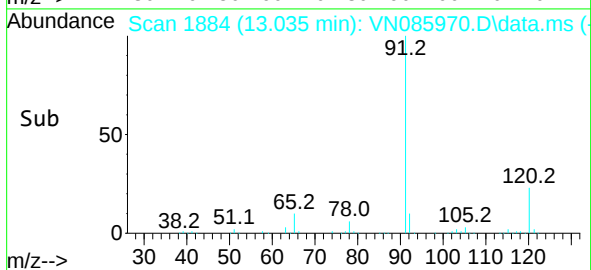
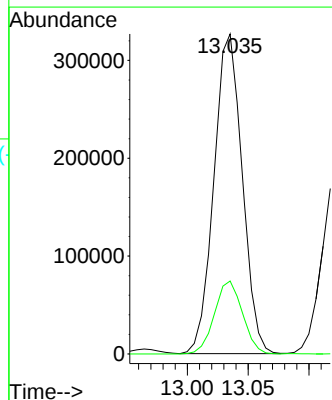
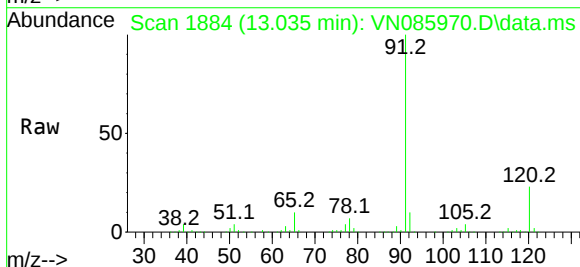
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

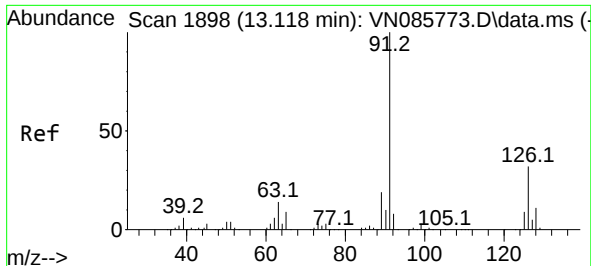
Tgt Ion:156 Resp: 113738
Ion Ratio Lower Upper
156 100
77 213.2 104.1 312.3
158 98.7 48.1 144.4



#78
n-propylbenzene
Concen: 52.183 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 91 Resp: 528449
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8

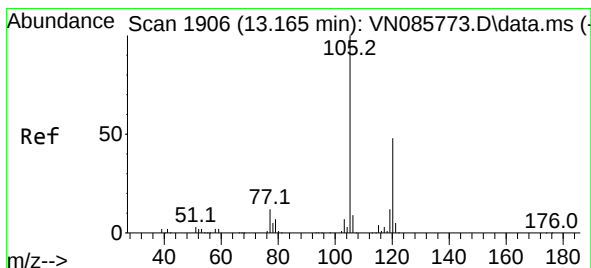
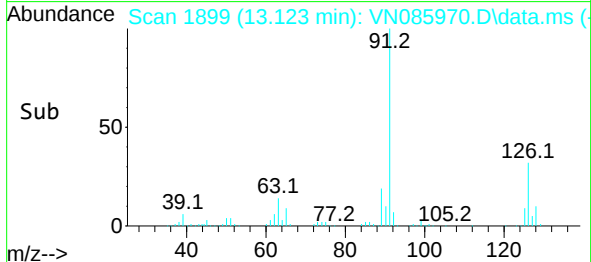
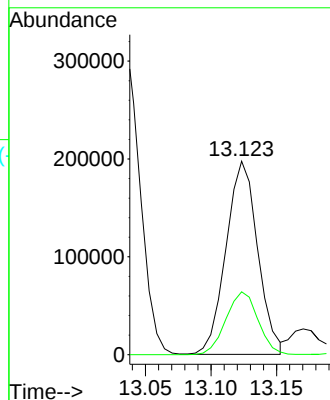
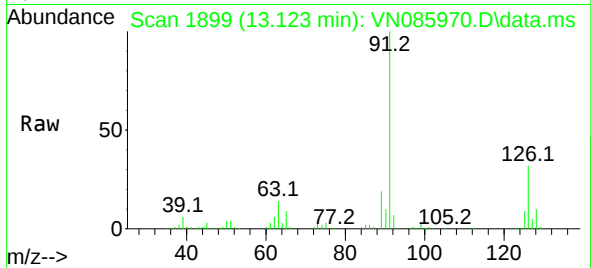




#79
2-Chlorotoluene
Concen: 49.142 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

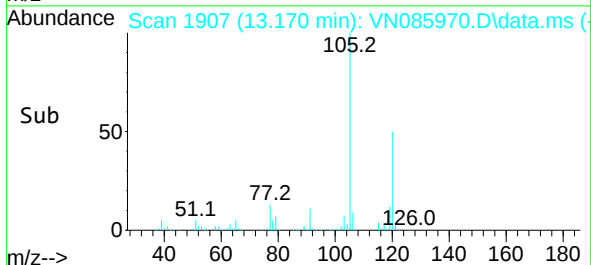
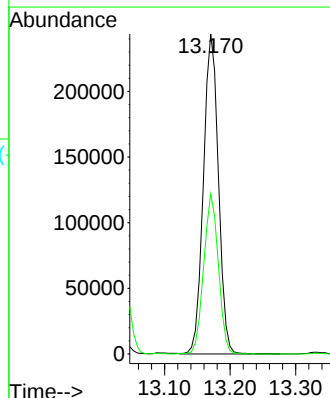
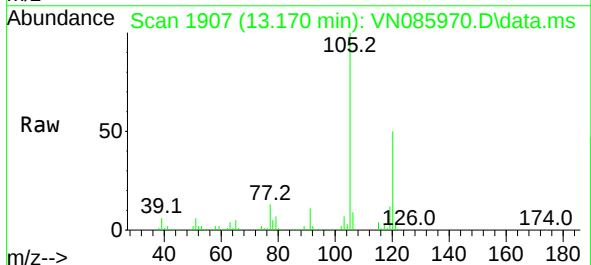
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

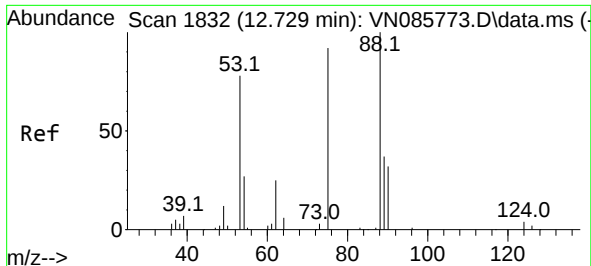
Tgt Ion: 91 Resp: 332507
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 53.962 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion:105 Resp: 388696
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.9

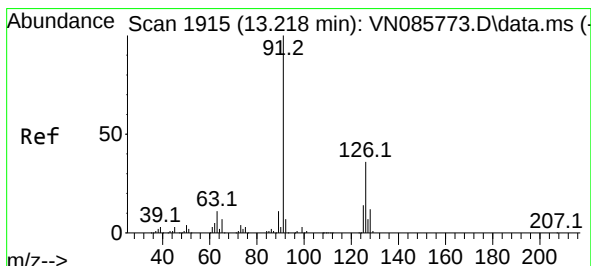
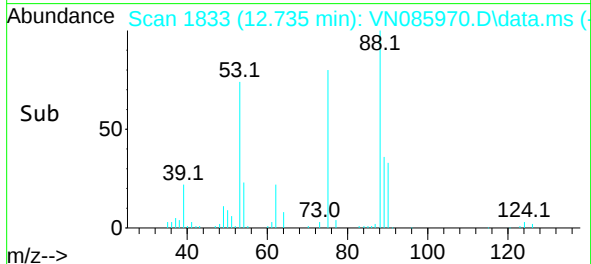
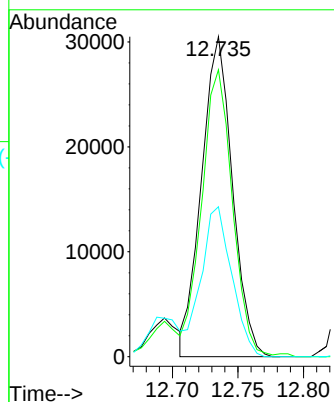
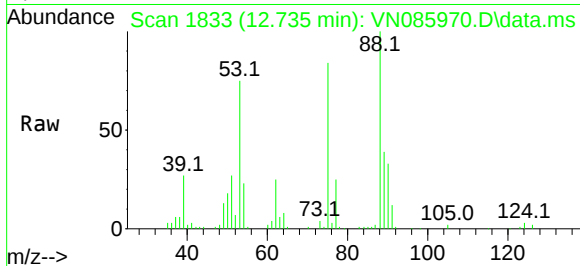




#81
trans-1,4-Dichloro-2-butene
Concen: 51.001 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

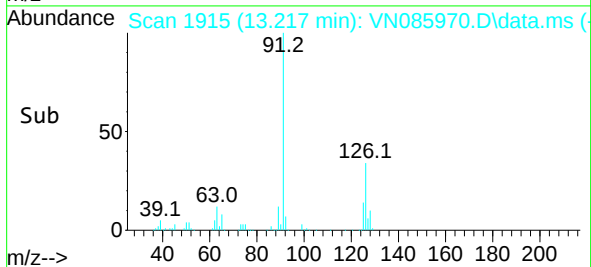
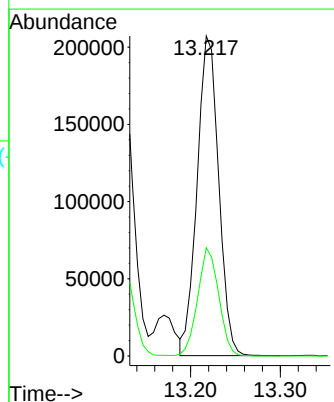
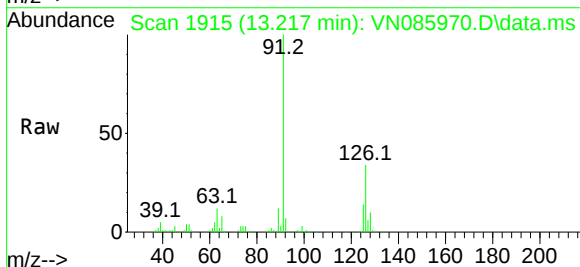
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	89.4	74.2	111.4
89	46.9	34.9	52.3



#82
4-Chlorotoluene
Concen: 51.447 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.4





#83

tert-Butylbenzene

Concen: 51.029 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

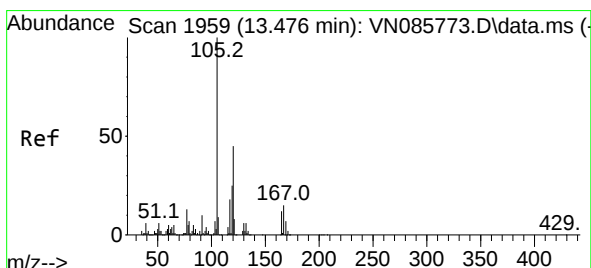
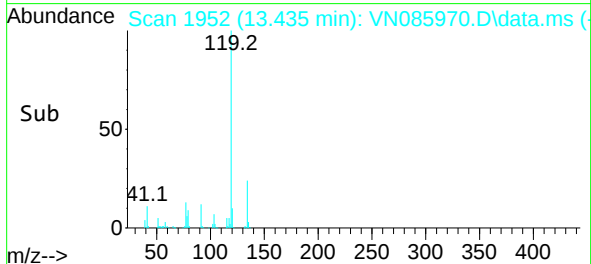
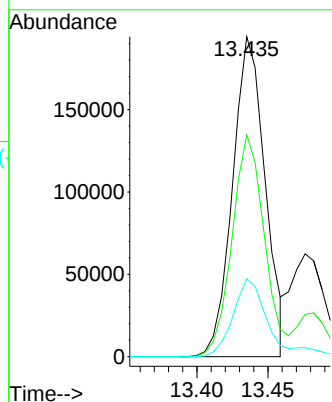
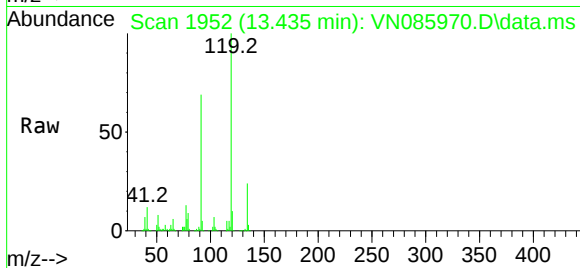
Tgt Ion:119 Resp: 309093

Ion Ratio Lower Upper

119 100

91 69.2 32.5 97.5

134 26.5 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 56.119 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085970.D

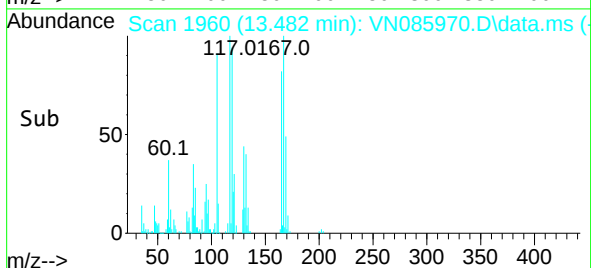
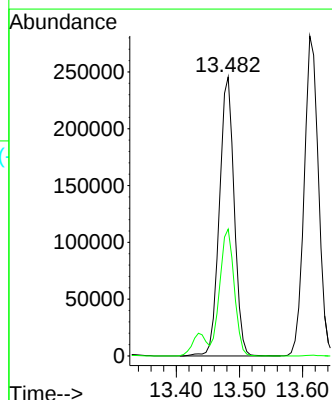
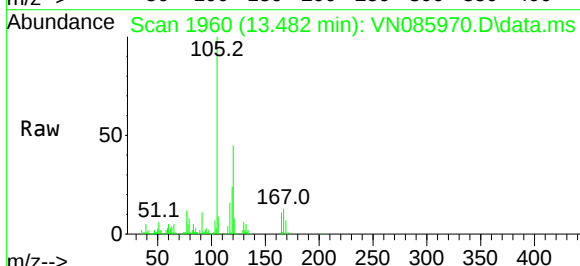
Acq: 13 Mar 2025 10:39

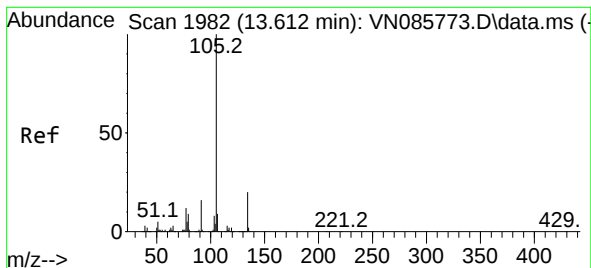
Tgt Ion:105 Resp: 399934

Ion Ratio Lower Upper

105 100

120 44.6 22.4 67.3





#85

sec-Butylbenzene

Concen: 51.489 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

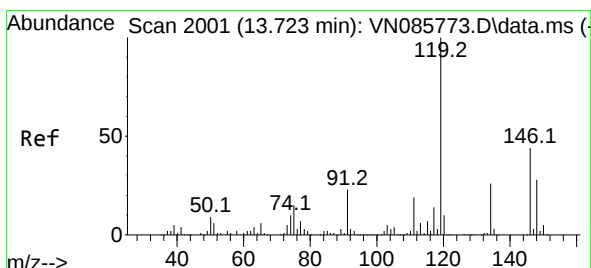
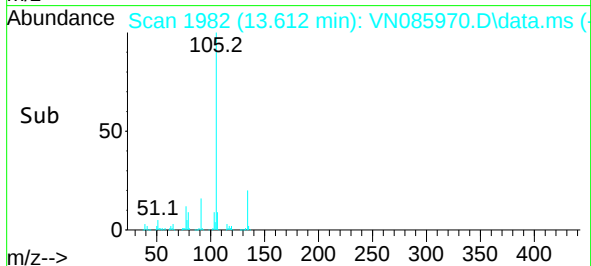
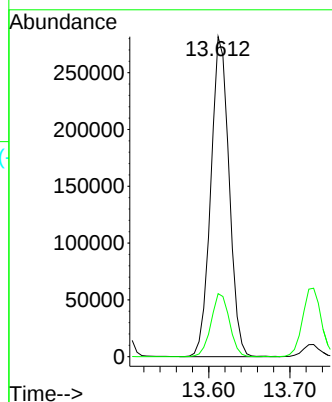
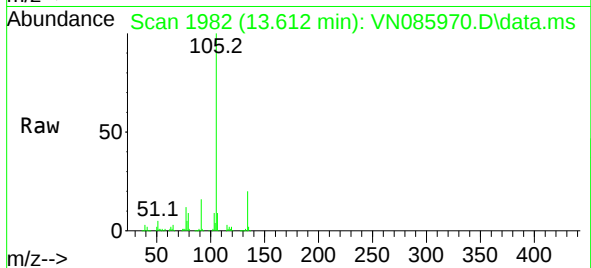
VSTDCCC050

Tgt Ion:105 Resp: 440654

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.4



#86

p-Isopropyltoluene

Concen: 48.468 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

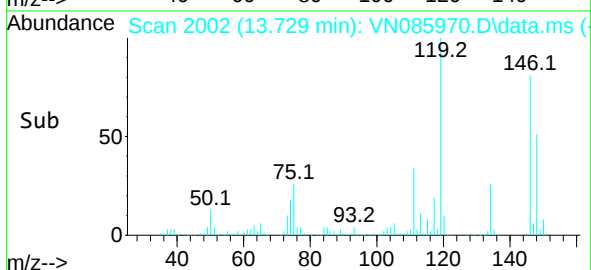
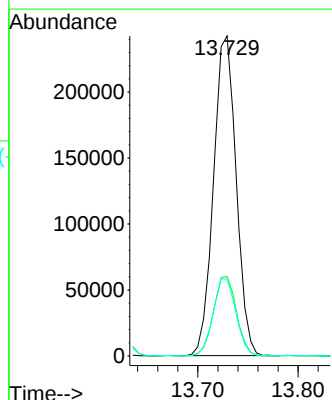
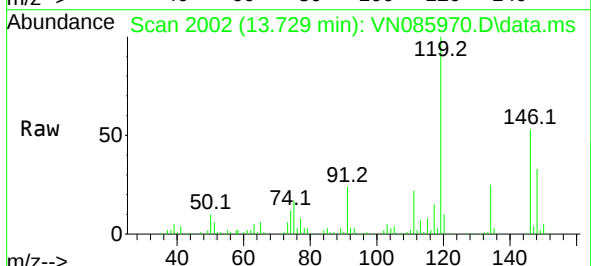
Tgt Ion:119 Resp: 378998

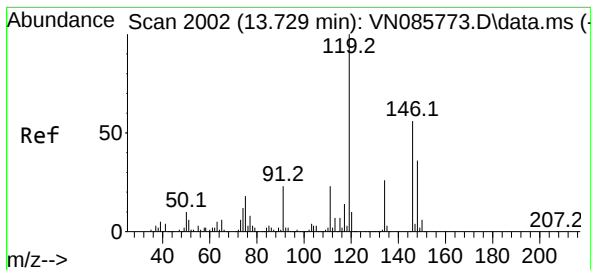
Ion Ratio Lower Upper

119 100

134 25.4 13.0 39.0

91 24.5 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 48.257 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

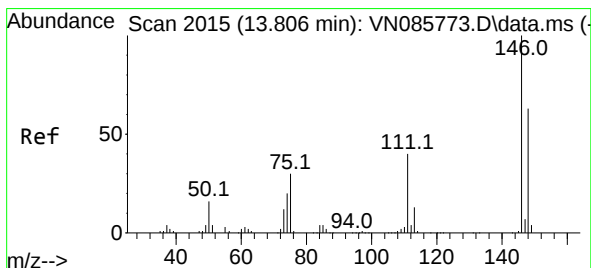
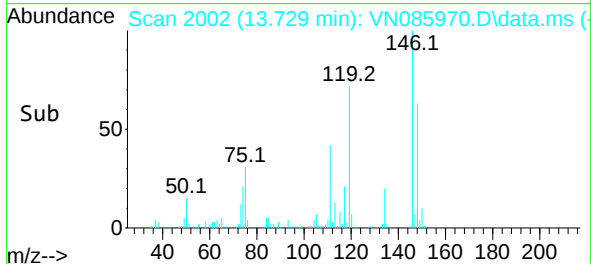
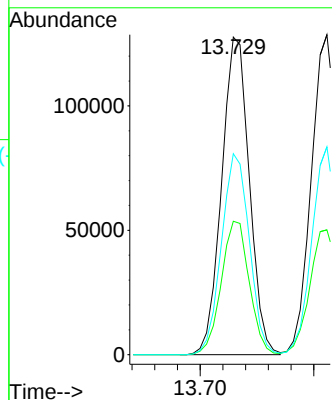
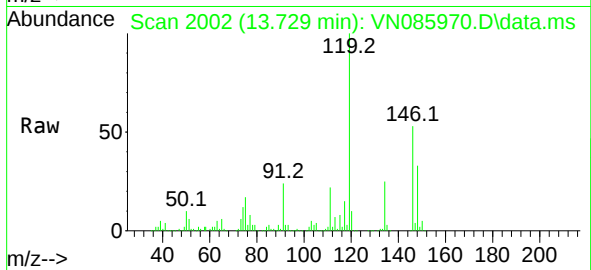
Tgt Ion:146 Resp: 215994

Ion Ratio Lower Upper

146 100

111 42.6 21.1 63.3

148 63.9 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 47.031 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.006 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

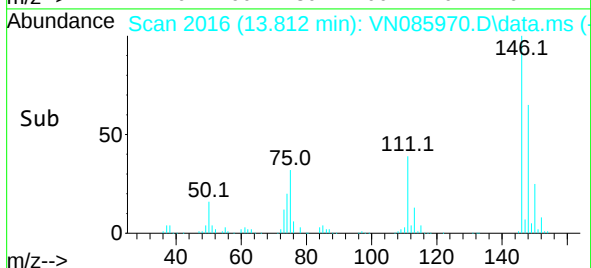
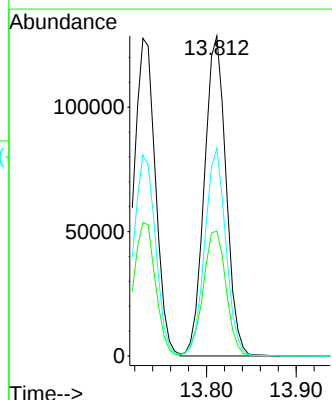
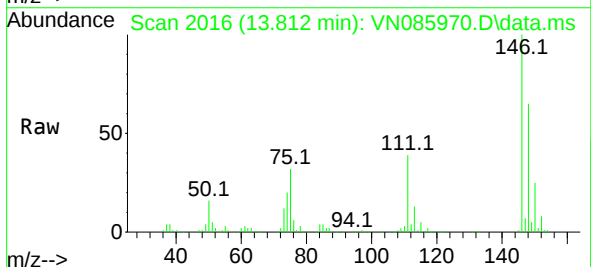
Tgt Ion:146 Resp: 215752

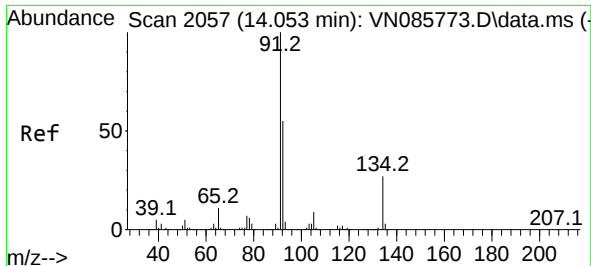
Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.3

148 63.3 31.8 95.4

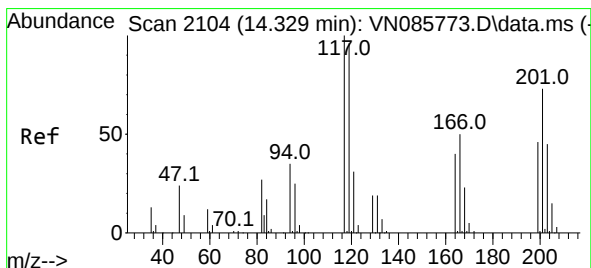
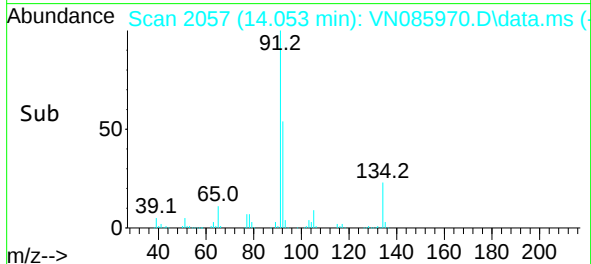
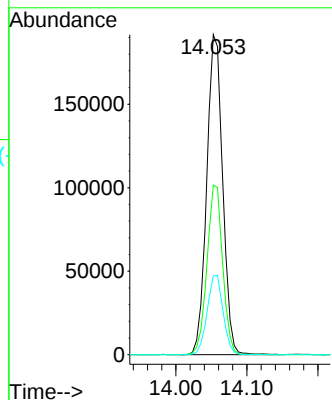
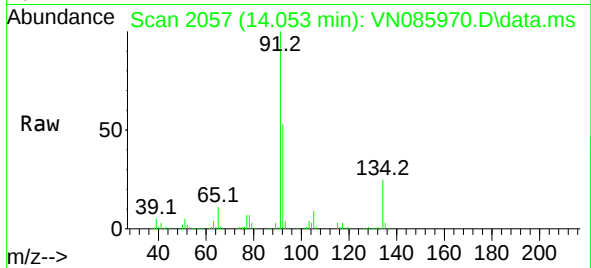




#89
n-Butylbenzene
Concen: 49.298 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

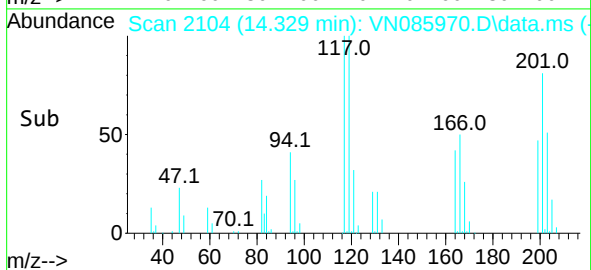
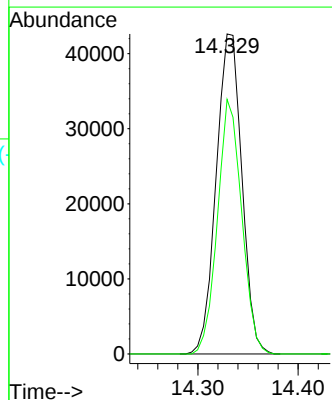
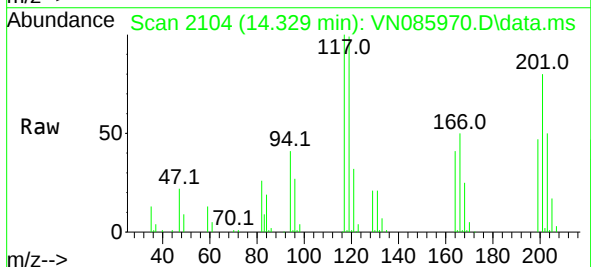
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

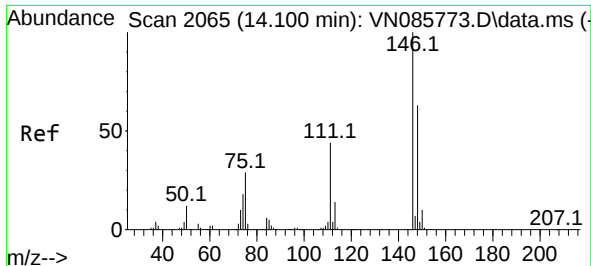
Tgt Ion: 91 Resp: 299546
Ion Ratio Lower Upper
91 100
92 52.1 27.1 81.3
134 24.8 12.7 38.1



#90
Hexachloroethane
Concen: 46.748 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 117 Resp: 75770
Ion Ratio Lower Upper
117 100
201 75.0 35.6 106.9

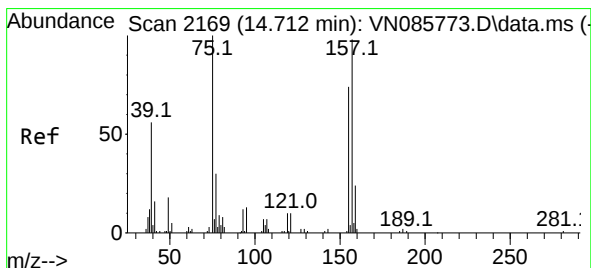
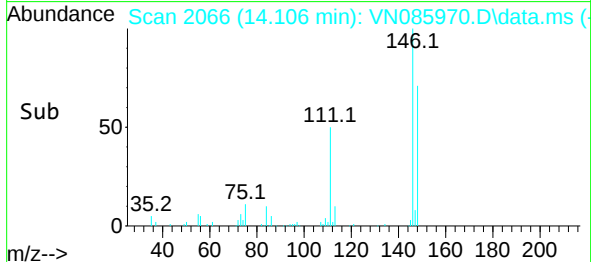
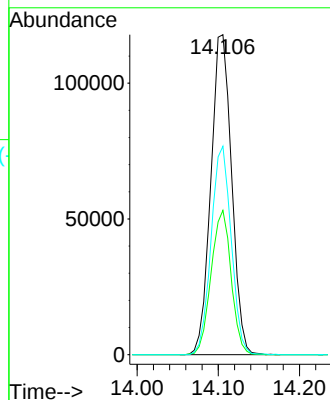
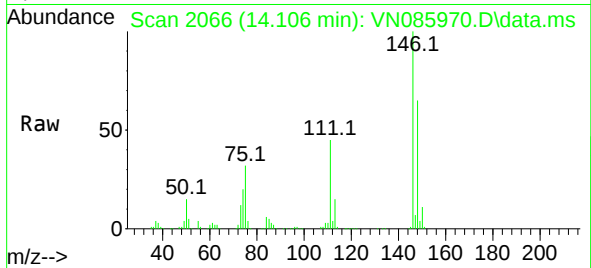




#91
1,2-Dichlorobenzene
Concen: 48.675 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

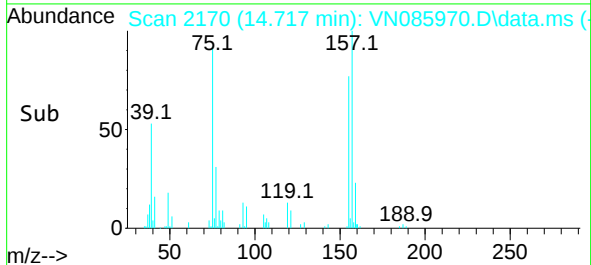
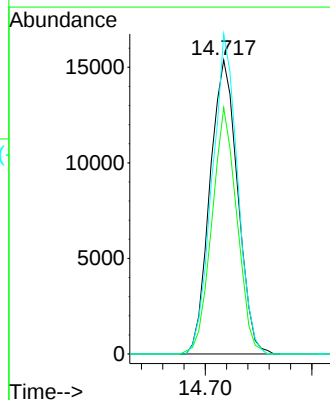
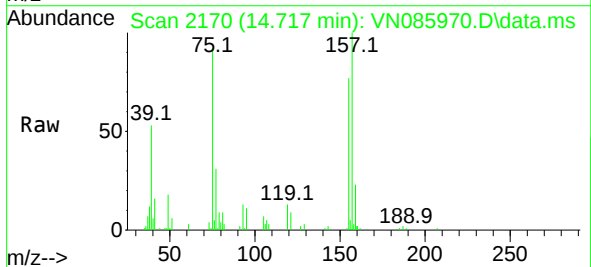
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 209501
Ion Ratio Lower Upper
146 100
111 43.4 21.4 64.3
148 63.0 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.729 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion: 75 Resp: 27786
Ion Ratio Lower Upper
75 100
155 75.5 39.9 119.6
157 99.8 49.9 149.7

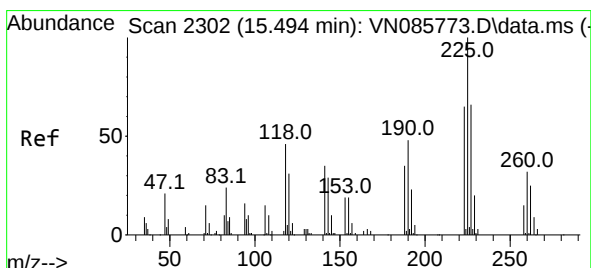
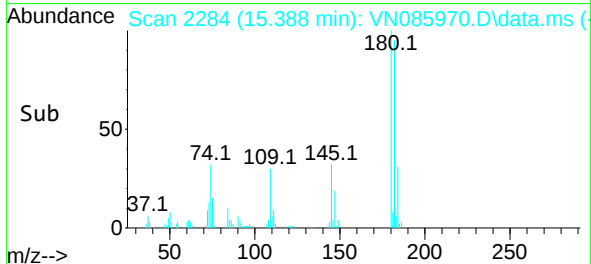
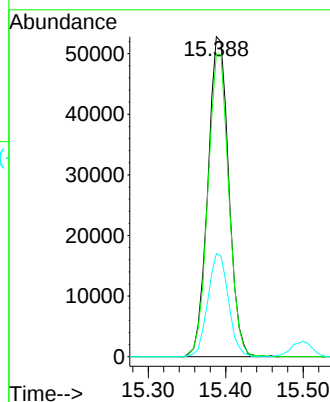
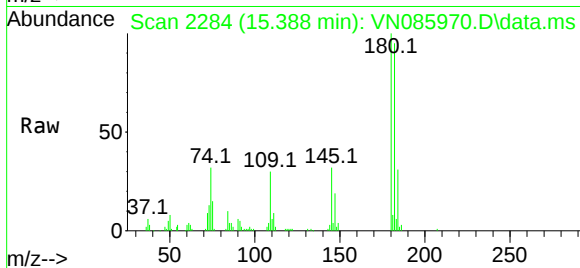




#93
1,2,4-Trichlorobenzene
Concen: 48.035 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

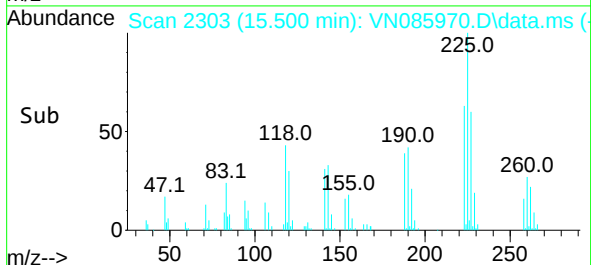
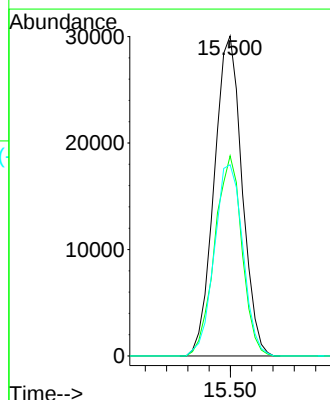
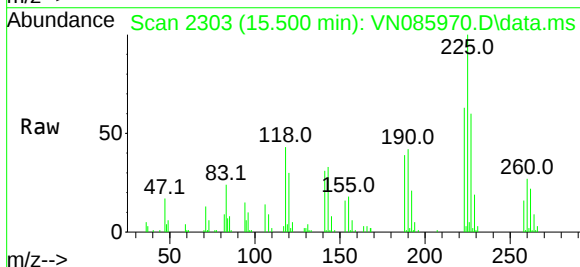
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

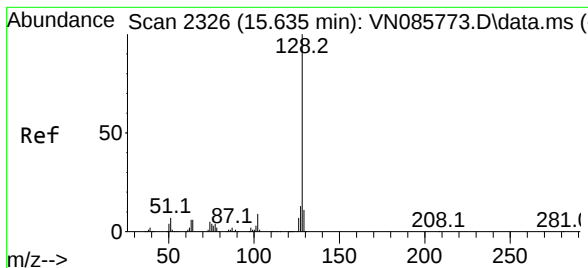
Tgt Ion:180 Resp: 98517
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.9
145 31.7 16.2 48.5



#94
Hexachlorobutadiene
Concen: 43.712 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085970.D
Acq: 13 Mar 2025 10:39

Tgt Ion:225 Resp: 54484
Ion Ratio Lower Upper
225 100
223 61.0 31.9 95.5
227 61.3 32.2 96.6





#95

Naphthalene

Concen: 51.593 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

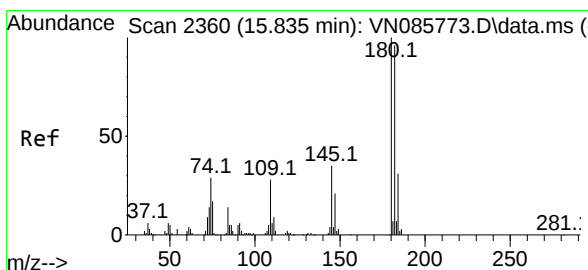
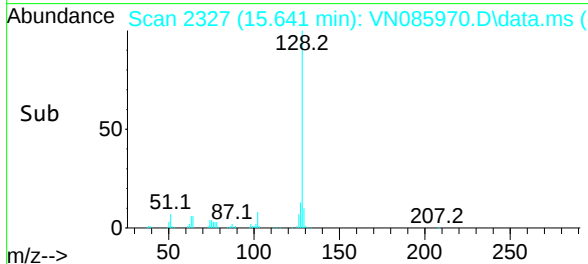
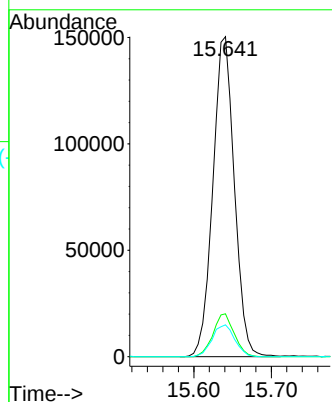
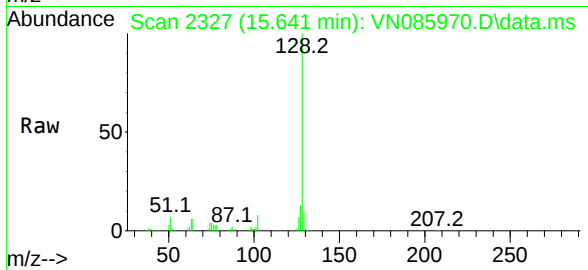
Tgt Ion:128 Resp: 290501

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 10.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 47.437 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085970.D

Acq: 13 Mar 2025 10:39

Tgt Ion:180 Resp: 97671

Ion Ratio Lower Upper

180 100

182 96.2 47.3 141.8

145 34.0 16.9 50.6

