

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
 Data File : VN086808.D
 Acq On : 29 May 2025 11:44
 Operator : JC\MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Quant Time: May 30 01:58:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 30 01:54:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	37861	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	212173	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	192449	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	78078	30.015	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.033%	
60) 4-Bromofluorobenzene	12.847	95	90850	30.068	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.233%	
63) Toluene-d8	10.565	98	265287	30.033	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	130822	50.875	ug/l	99
3) Chloromethane	2.359	50	162092	48.890	ug/l	98
4) Vinyl Chloride	2.512	62	151575	49.678	ug/l	98
5) Bromomethane	2.954	94	77760	48.100	ug/l	95
6) Chloroethane	3.118	64	92395	49.511	ug/l	94
7) Trichlorofluoromethane	3.501	101	177458	49.659	ug/l	98
8) Diethyl Ether	3.959	74	73434	49.263	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	109498	49.997	ug/l	99
10) 1,1-Dichloroethene	4.342	96	110799	49.623	ug/l	96
11) Methyl Iodide	4.589	142	128338	48.759	ug/l	98
12) Methyl Acetate	5.018	43	122466	49.522	ug/l	96
13) Acrolein	4.177	56	70834	275.391	ug/l	98
14) Acrylonitrile	5.712	53	286457	248.248	ug/l	99
15) Acetone	4.424	58	72087	246.734	ug/l	83
16) Carbon Disulfide	4.712	76	324004	49.712	ug/l	100
17) Allyl chloride	5.024	41	163812	49.385	ug/l	96
18) Methylene Chloride	5.277	84	125584	48.432	ug/l	98
19) trans-1,2-Dichloroethene	5.789	96	116799	49.986	ug/l	97
20) Diisopropyl ether	6.665	45	366738	50.201	ug/l	98
21) 1,1-Dichloroethane	6.571	63	218975	49.668	ug/l	99
22) cis-1,2-Dichloroethene	7.483	96	139465	49.287	ug/l	98
23) tert-Butyl Alcohol	5.512	59	93013	251.010	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	366507	49.806	ug/l	98
25) Chloroform	7.959	83	210250	48.723	ug/l	99
26) Cyclohexane	8.253	56	189266	49.601	ug/l #	98
29) 1,1-Dichloropropene	8.365	75	156217	50.077	ug/l	100
30) 2-Butanone	7.477	43	342713	250.734	ug/l	99
31) 2,2-Dichloropropane	7.489	77	183830	49.922	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	180080	49.798	ug/l	98
33) Carbon Tetrachloride	8.359	117	156360	50.583	ug/l	98
34) Benzene	8.600	78	508562	50.104	ug/l	96
35) Methacrylonitrile	7.777	41	77665	49.465	ug/l	92
36) 1,2-Dichloroethane	8.665	62	147384	49.552	ug/l	99
37) Trichloroethene	9.347	130	138080	49.044	ug/l	99
38) Methylcyclohexane	9.600	83	175956	50.836	ug/l	99
39) 1,2-Dichloropropane	9.618	63	121523	49.730	ug/l	98
40) Dibromomethane	9.706	93	80141	50.142	ug/l	99
41) Bromodichloromethane	9.882	83	169106	50.546	ug/l	97
42) Vinyl Acetate	6.600	43	1022005	256.515	ug/l	100

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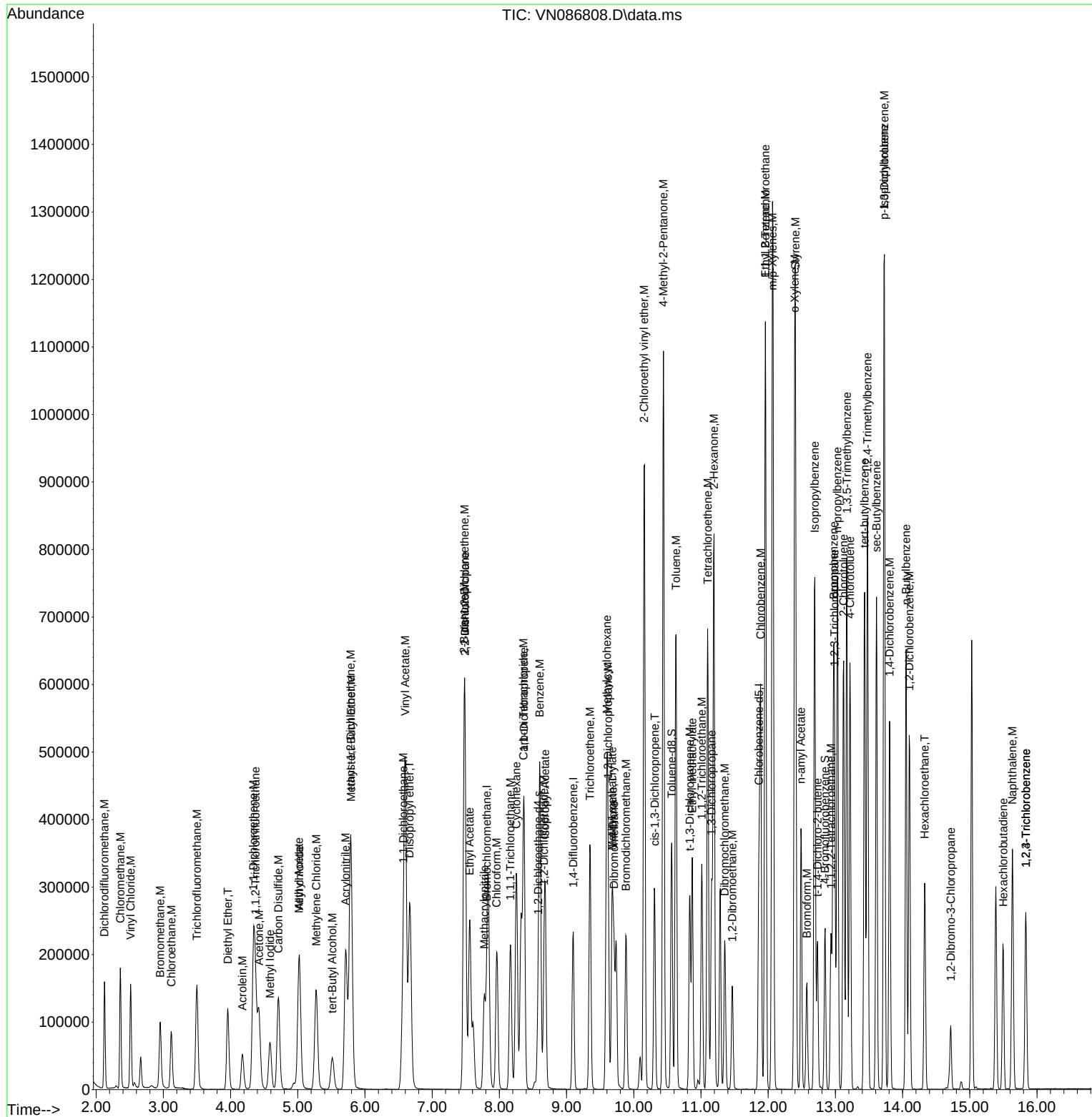
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	137277	49.082	ug/l	97
44) Isopropyl Acetate	8.683	43	240786	50.186	ug/l	100
45) 1,4-Dioxane	9.688	88	44687	1047.904	ug/l	94
46) Methyl methacrylate	9.677	41	114379	51.702	ug/l	97
47) n-amyl Acetate	12.488	43	192875	50.074	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	180849	50.515	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	197661	50.195	ug/l	99
50) 1,1,2-Trichloroethane	11.012	97	114479	50.856	ug/l	96
51) Ethyl methacrylate	10.871	69	187806	51.515	ug/l	96
52) 1,3-Dichloropropane	11.159	76	200223	50.120	ug/l	99
53) Dibromochloromethane	11.353	129	126446	49.708	ug/l	100
54) 1,2-Dibromoethane	11.465	107	114146	49.608	ug/l	100
55) 2-Chloroethyl vinyl ether	10.153	63	445248	254.433	ug/l	99
56) Bromoform	12.576	173	79637	49.687	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	708363	250.849	ug/l	99
59) 2-Hexanone	11.194	43	509079	251.677	ug/l	100
61) Tetrachloroethene	11.100	164	163012	50.391	ug/l	91
62) Toluene	10.629	91	538722	49.704	ug/l	100
64) Chlorobenzene	11.888	112	337771	48.866	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	112782	49.666	ug/l	98
66) Ethyl Benzene	11.959	91	595548	50.800	ug/l	97
67) m/p-Xylenes	12.065	106	465836	101.259	ug/l	99
68) o-Xylene	12.394	106	227480	51.022	ug/l	99
69) Styrene	12.406	104	379629	51.108	ug/l	100
70) Isopropylbenzene	12.694	105	539101	50.838	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	124913	49.545	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	210633	67.814	ug/l	62
73) Bromobenzene	12.976	156	130087	49.356	ug/l	98
74) n-propylbenzene	13.029	91	638895	50.865	ug/l	100
75) 2-Chlorotoluene	13.123	91	403077	49.997	ug/l	98
76) 1,3,5-Trimethylbenzene	13.171	105	448336	50.822	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	60669	50.172	ug/l	96
78) 4-Chlorotoluene	13.218	91	400961	50.207	ug/l	100
79) tert-butylbenzene	13.435	119	384679	50.435	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	447950	50.588	ug/l	98
81) sec-Butylbenzene	13.612	105	529243	50.934	ug/l	100
82) p-Isopropyltoluene	13.723	119	446383	51.162	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	242562	50.165	ug/l	99
84) 1,4-Dichlorobenzene	13.806	146	241927	50.277	ug/l	99
85) n-Butylbenzene	14.053	91	374782	51.309	ug/l	99
86) Hexachloroethane	14.329	117	73414	49.370	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	234825	50.345	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	27180	51.194	ug/l	96
89) 1,2,4-Trichlorobenzene	15.835	180	98812	50.620	ug/l	98
90) Hexachlorobutadiene	15.500	225	41982	50.179	ug/l	96
91) Naphthalene	15.635	128	348415	51.156	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	98812	50.620	ug/l	98

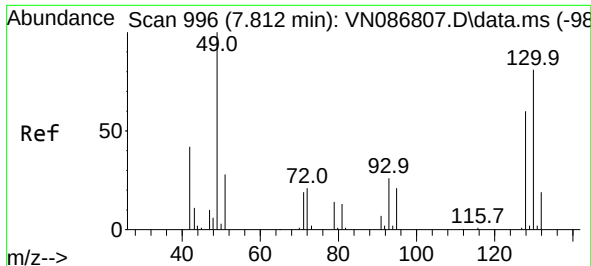
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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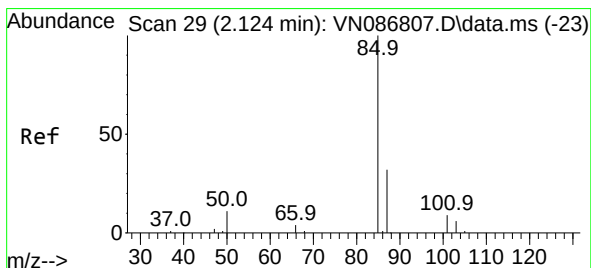
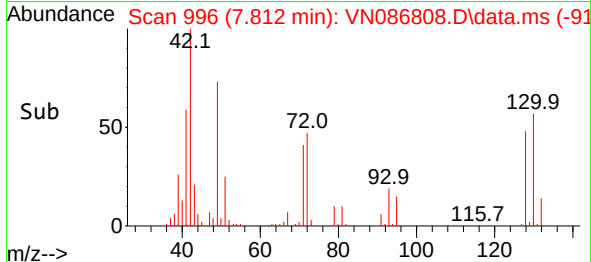
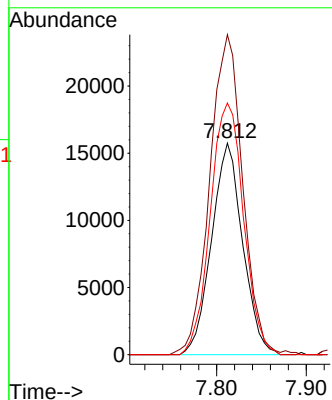
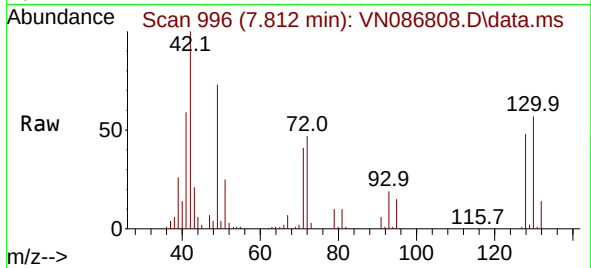




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
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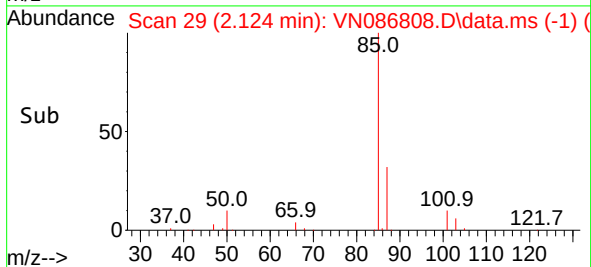
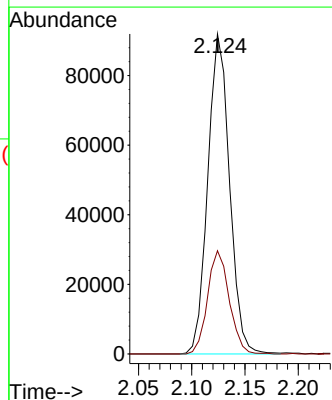
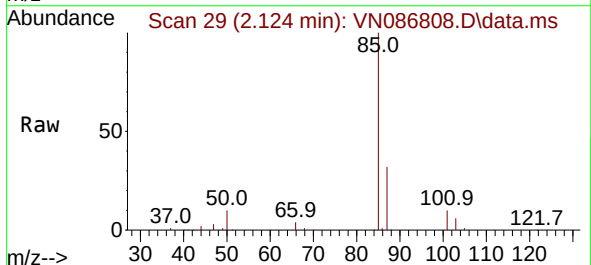
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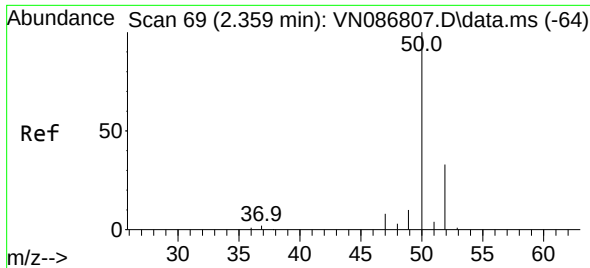
Tgt Ion:128 Resp: 37861
Ion Ratio Lower Upper
128 100
49 160.0 0.0 404.5
130 127.8 0.0 322.2



#2
Dichlorodifluoromethane
Concen: 50.875 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 85 Resp: 130822
Ion Ratio Lower Upper
85 100
87 32.3 15.9 47.7

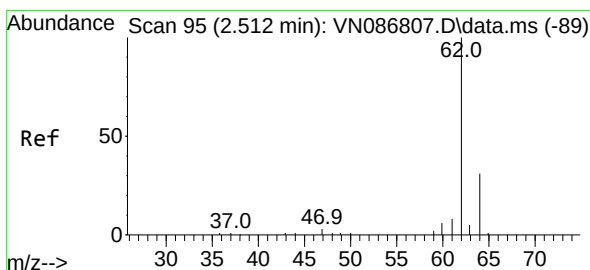
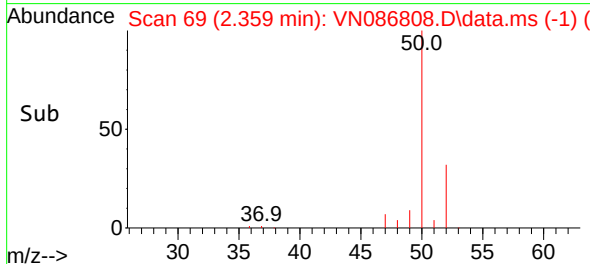
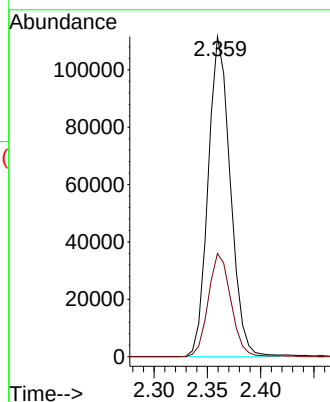
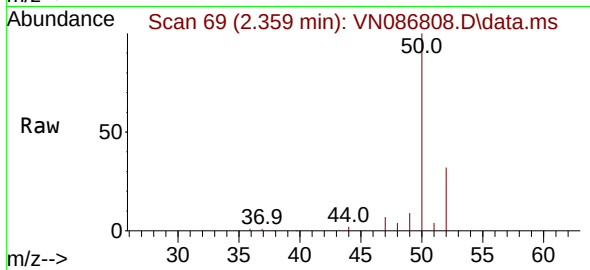




#3
Chloromethane
Concen: 48.890 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

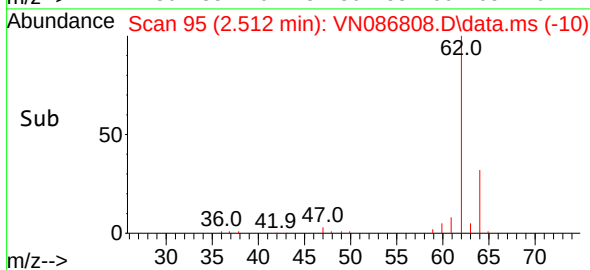
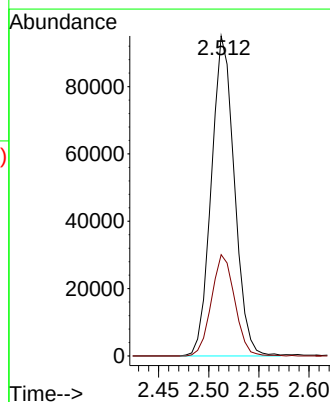
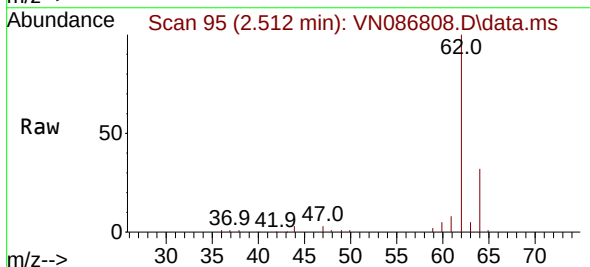
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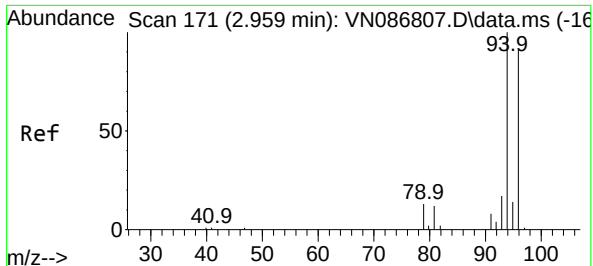
Tgt Ion: 50 Resp: 162092
Ion Ratio Lower Upper
50 100
52 32.3 26.6 40.0



#4
Vinyl Chloride
Concen: 49.678 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 62 Resp: 151575
Ion Ratio Lower Upper
62 100
64 31.7 24.6 36.8

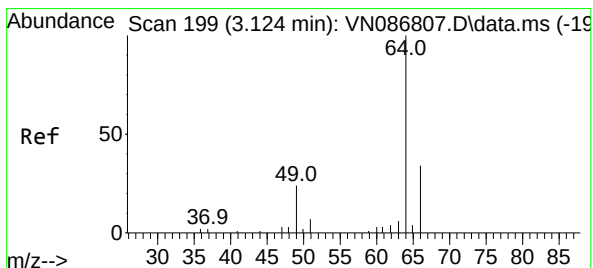
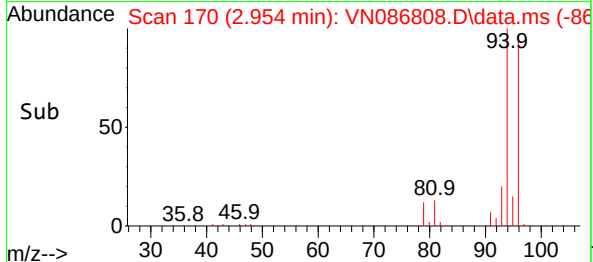
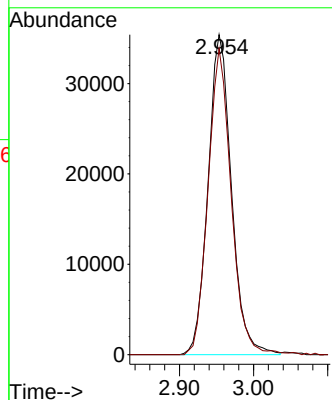
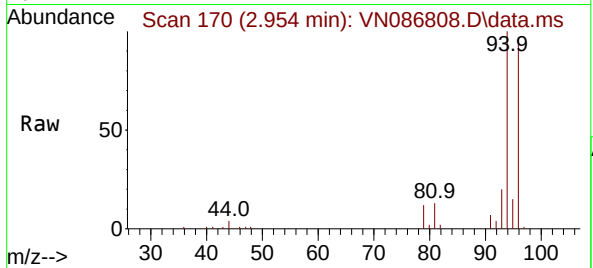




#5
Bromomethane
Concen: 48.100 ug/l
RT: 2.954 min Scan# 170
Delta R.T. -0.006 min
Lab File: VN086808.D
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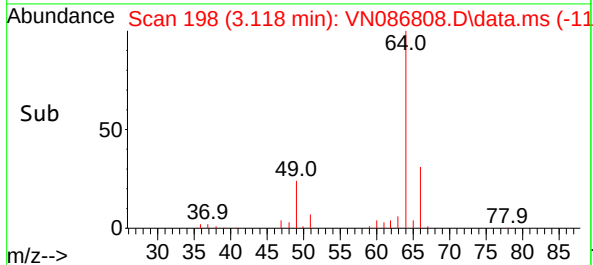
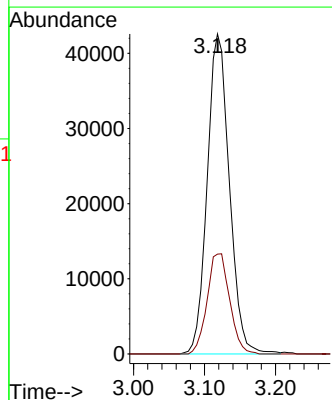
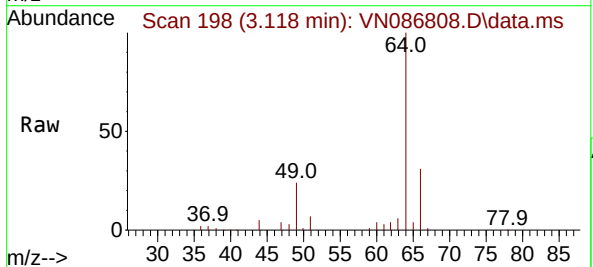
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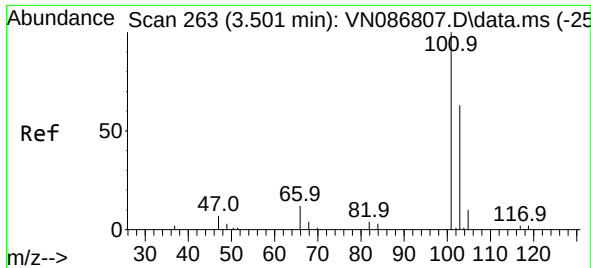
Tgt Ion: 94 Resp: 77760
Ion Ratio Lower Upper
94 100
96 95.7 72.7 109.1



#6
Chloroethane
Concen: 49.511 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN086808.D
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Tgt Ion: 64 Resp: 92395
Ion Ratio Lower Upper
64 100
66 31.2 27.5 41.3

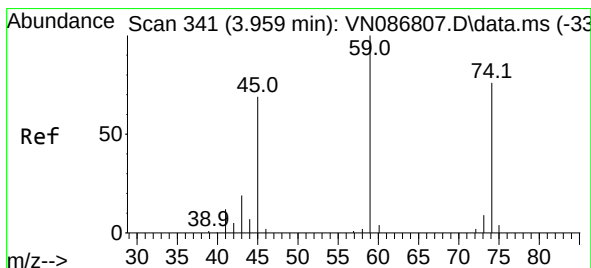
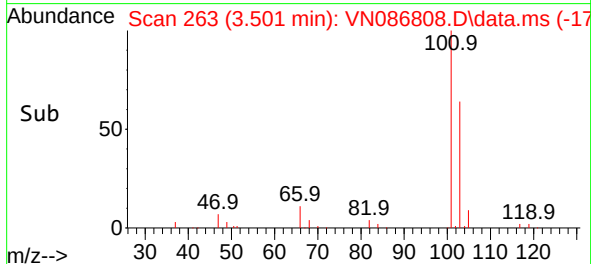
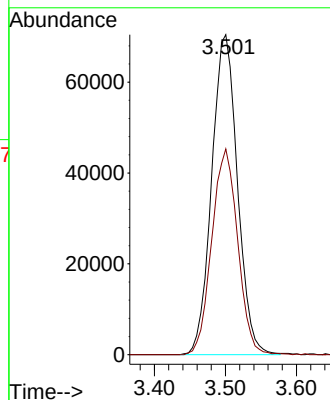
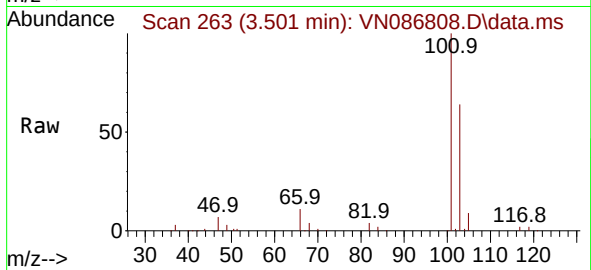




#7
 Trichlorofluoromethane
 Concen: 49.659 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
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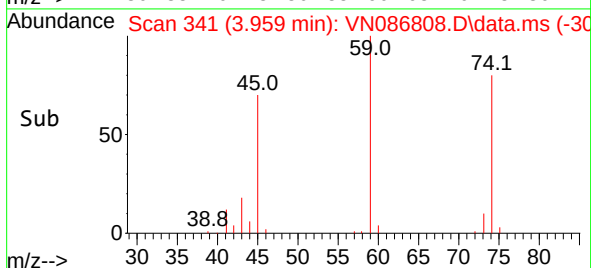
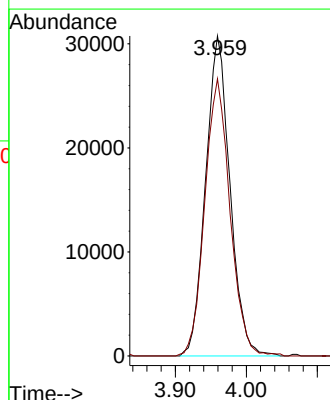
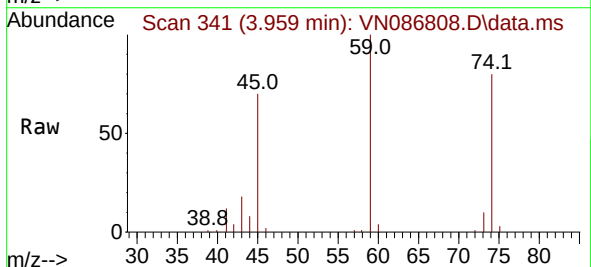
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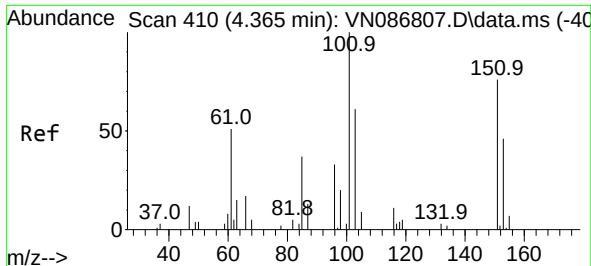
Tgt Ion:101 Resp: 177458
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.0 75.0



#8
 Diethyl Ether
 Concen: 49.263 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 73434
 Ion Ratio Lower Upper
 74 100
 45 89.4 17.9 161.5

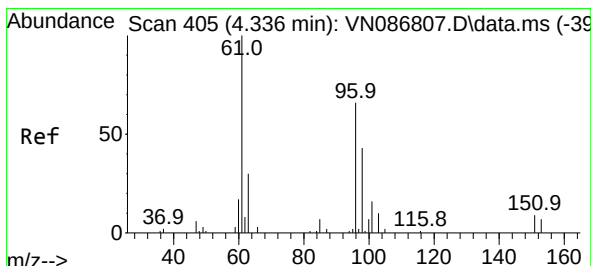
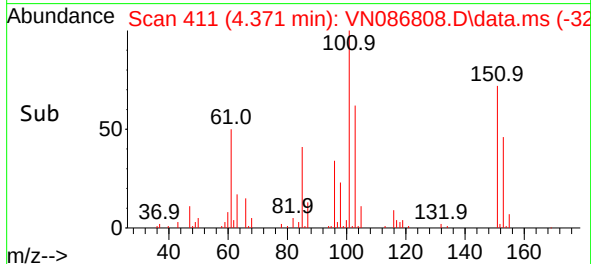
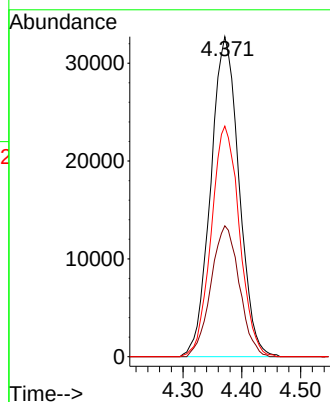
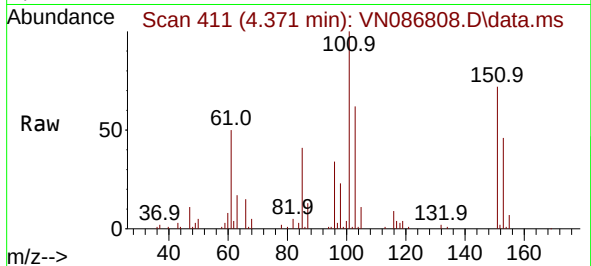




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.997 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.006 min
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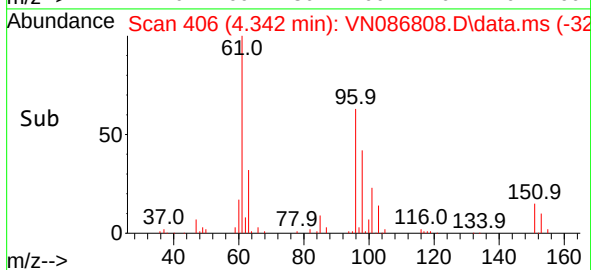
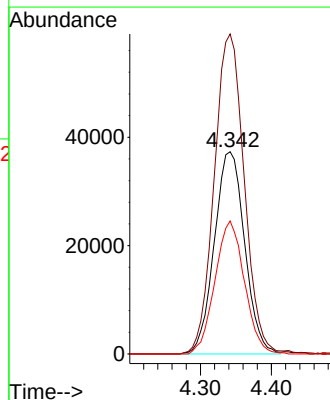
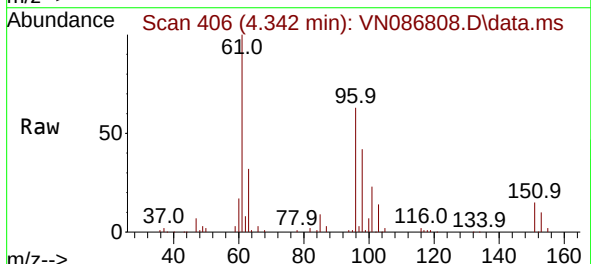
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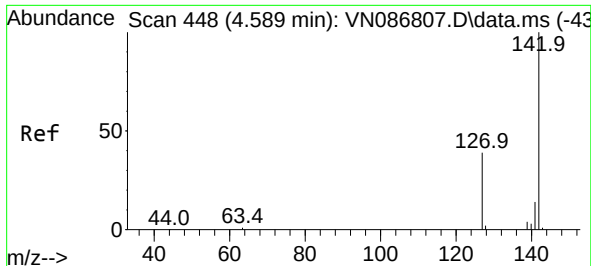
Tgt Ion:101 Resp: 109498
 Ion Ratio Lower Upper
 101 100
 85 41.0 0.0 83.2
 151 71.8 0.0 145.6



#10
 1,1-Dichloroethene
 Concen: 49.623 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VN086808.D
 Acq: 29 May 2025 11:44

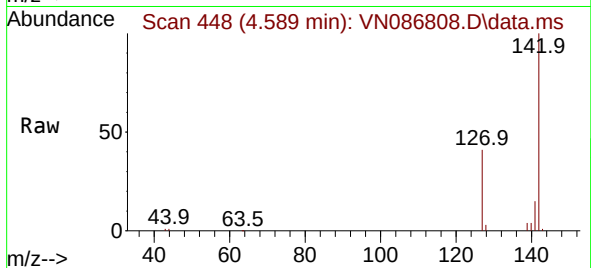
Tgt Ion: 96 Resp: 110799
 Ion Ratio Lower Upper
 96 100
 61 158.2 121.7 182.5
 98 65.7 51.9 77.9



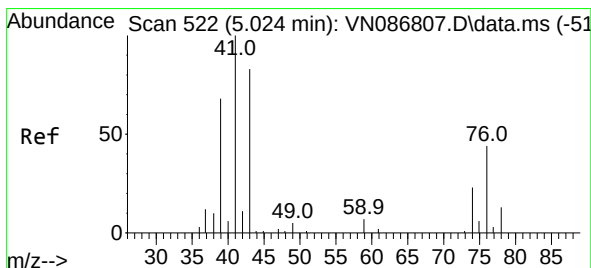
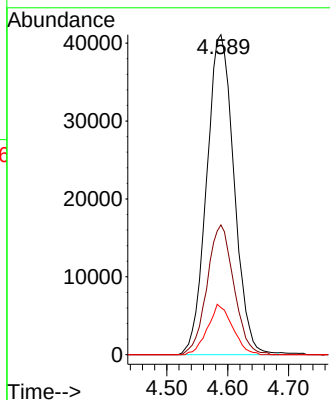
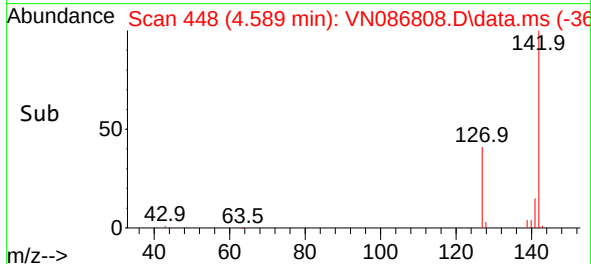


#11
Methyl Iodide
Concen: 48.759 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

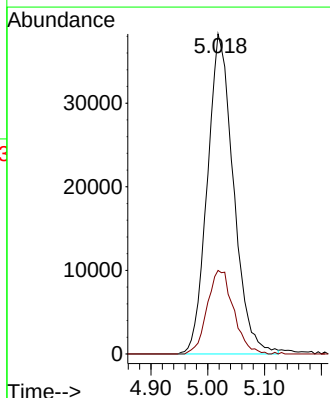
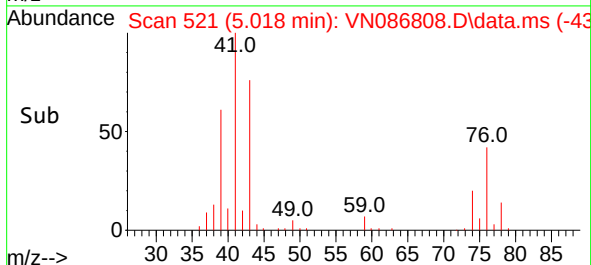
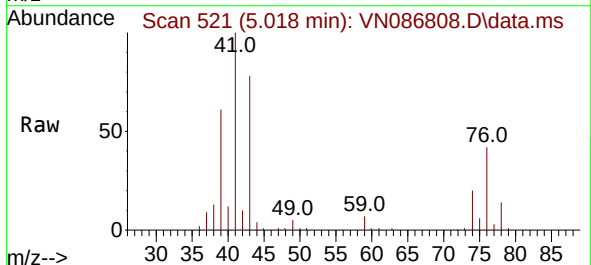


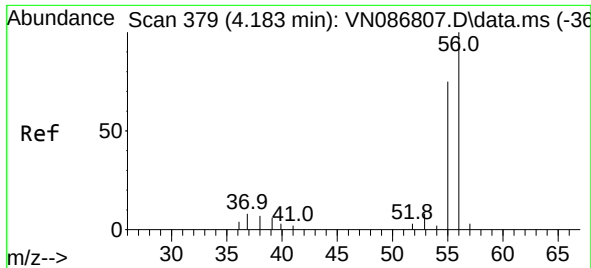
Tgt Ion:142 Resp: 128338
Ion Ratio Lower Upper
142 100
127 40.7 19.5 58.5
141 14.8 7.1 21.4



#12
Methyl Acetate
Concen: 49.522 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 43 Resp: 122466
Ion Ratio Lower Upper
43 100
74 26.2 22.7 34.1

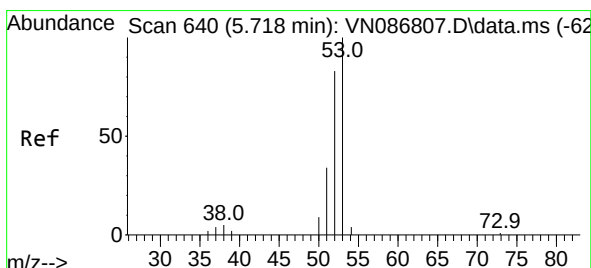
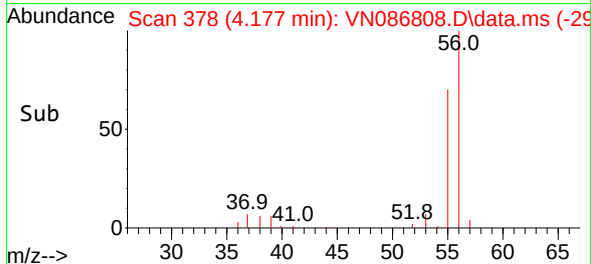
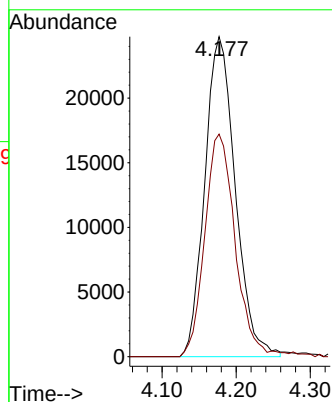
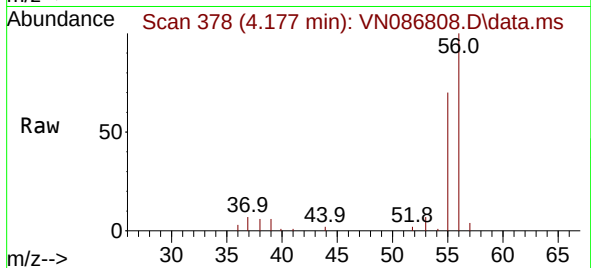




#13
Acrolein
Concen: 275.391 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

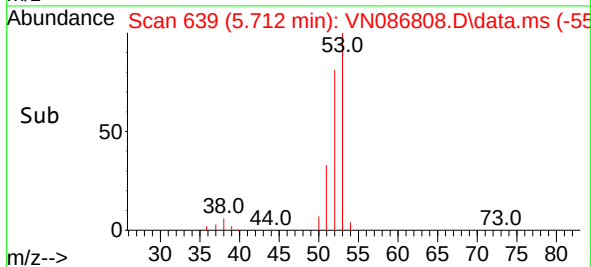
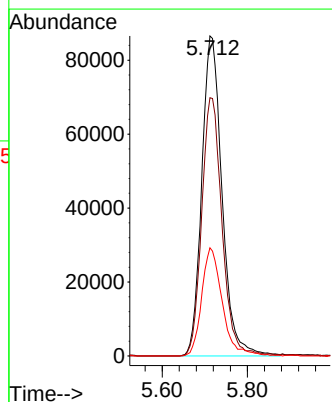
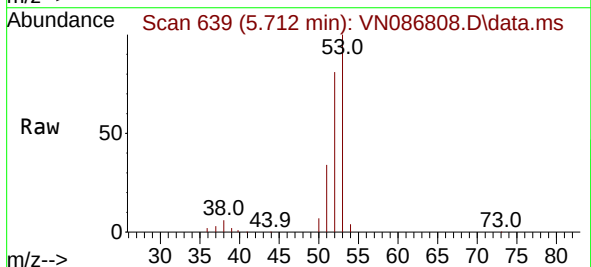
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

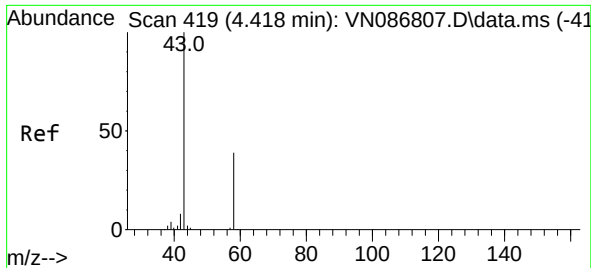
Tgt Ion: 56 Resp: 70834
Ion Ratio Lower Upper
56 100
55 68.3 55.9 83.9



#14
Acrylonitrile
Concen: 248.248 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 53 Resp: 286457
Ion Ratio Lower Upper
53 100
52 79.6 40.0 119.9
51 32.9 17.5 52.6





#15

Acetone

Concen: 246.734 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN086808.D

Acq: 29 May 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

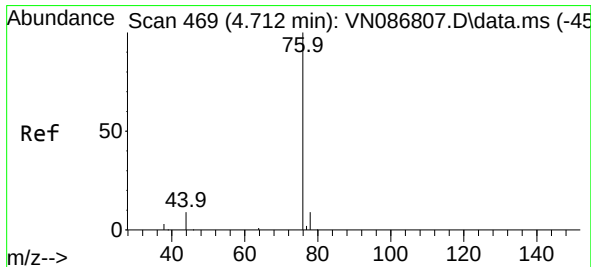
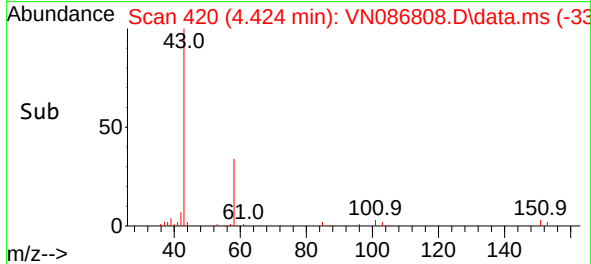
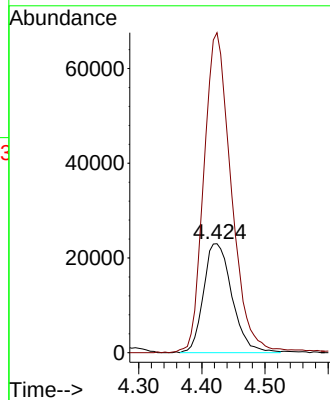
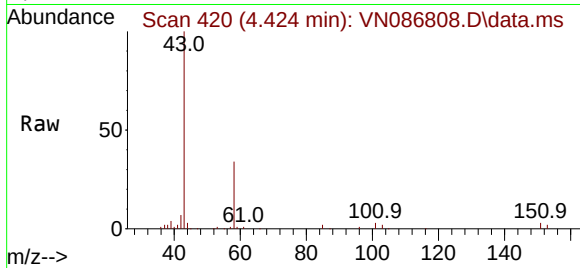
VSTDICC050

Tgt Ion: 58 Resp: 72087

Ion Ratio Lower Upper

58 100

43 290.7 207.7 311.5



#16

Carbon Disulfide

Concen: 49.712 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN086808.D

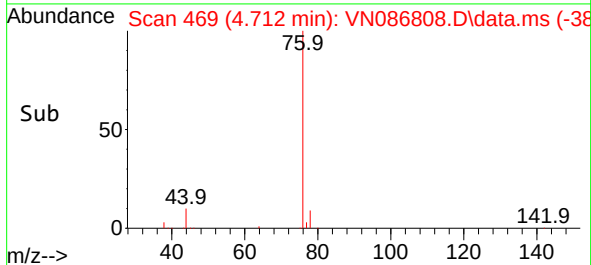
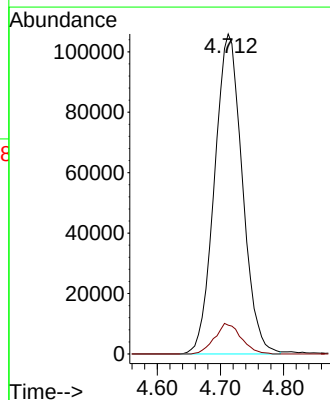
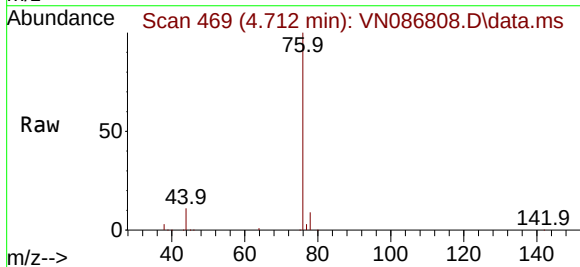
Acq: 29 May 2025 11:44

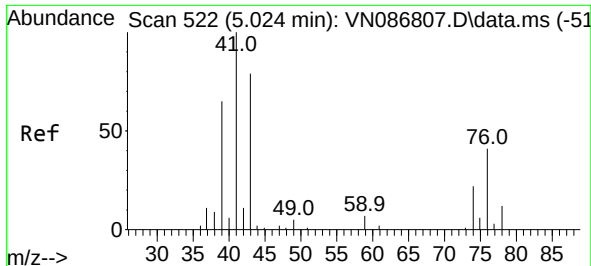
Tgt Ion: 76 Resp: 324004

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

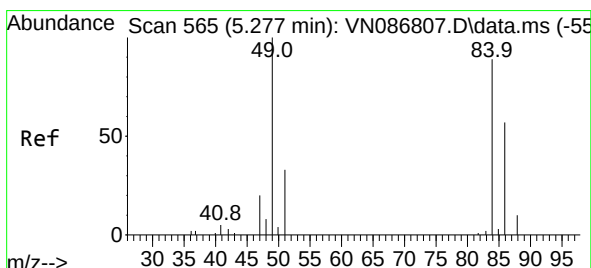
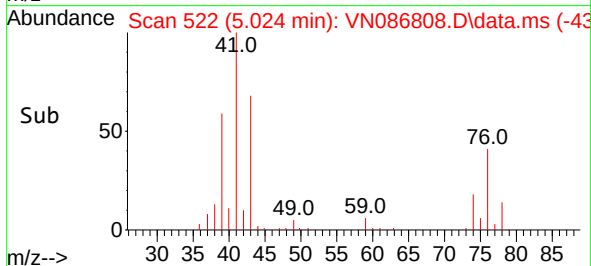
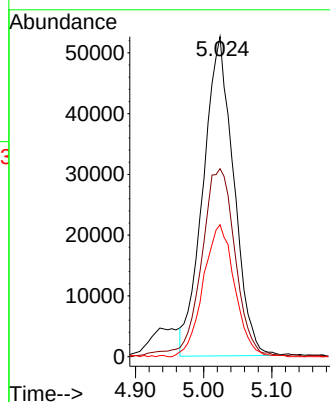
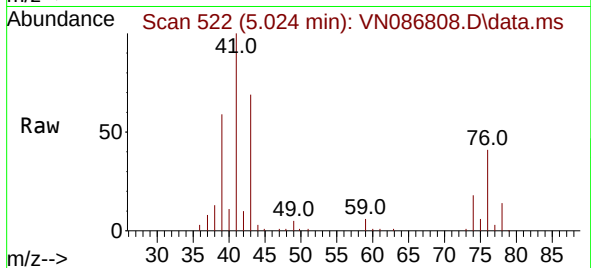




#17
 Allyl chloride
 Concen: 49.385 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN086808.D
 Acq: 29 May 2025 11:44

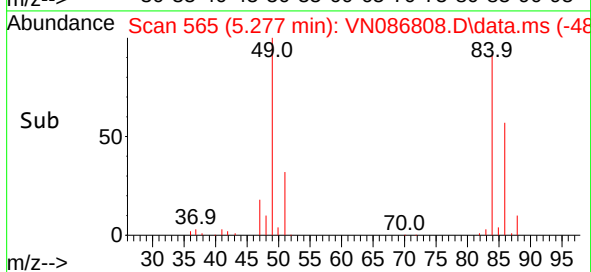
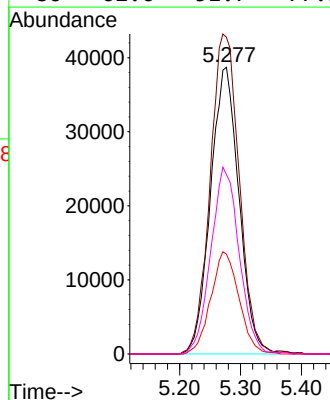
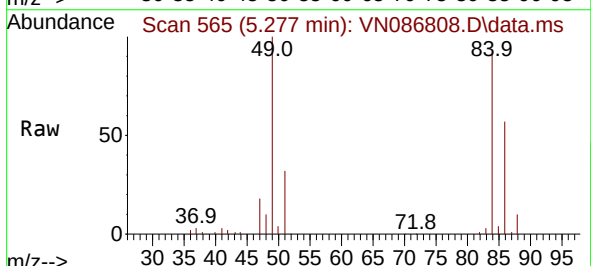
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

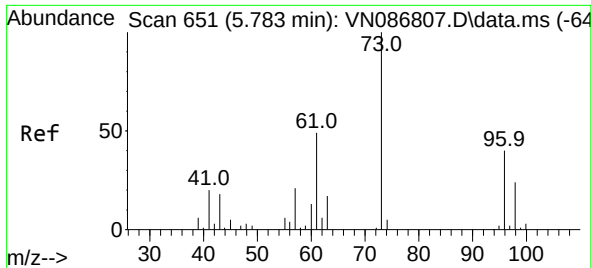
Tgt Ion: 41 Resp: 163812
 Ion Ratio Lower Upper
 41 100
 39 58.7 31.6 94.8
 76 41.1 20.1 60.2



#18
 Methylene Chloride
 Concen: 48.432 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN086808.D
 Acq: 29 May 2025 11:44

Tgt Ion: 84 Resp: 125584
 Ion Ratio Lower Upper
 84 100
 49 110.4 89.9 134.9
 51 34.8 29.6 44.4
 86 62.6 51.7 77.5

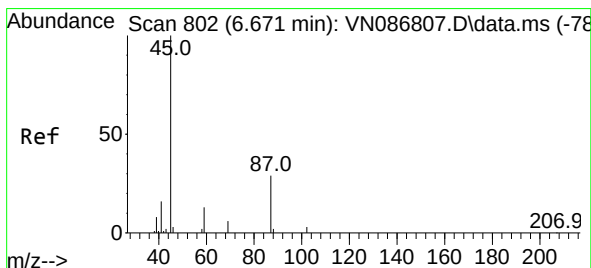
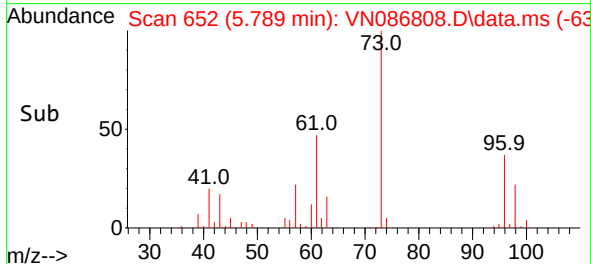
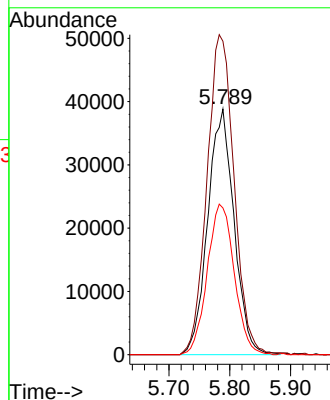
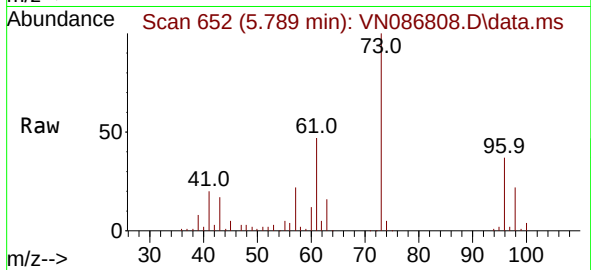




#19
trans-1,2-Dichloroethene
Concen: 49.986 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

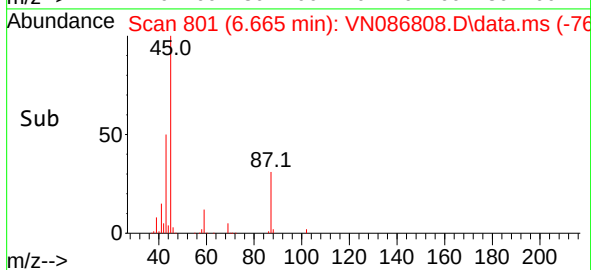
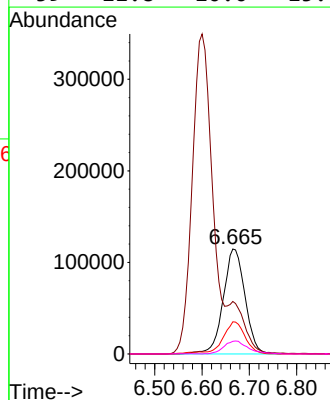
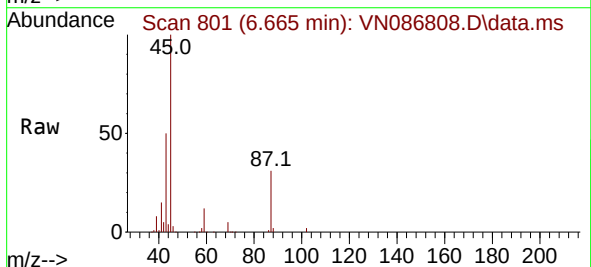
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

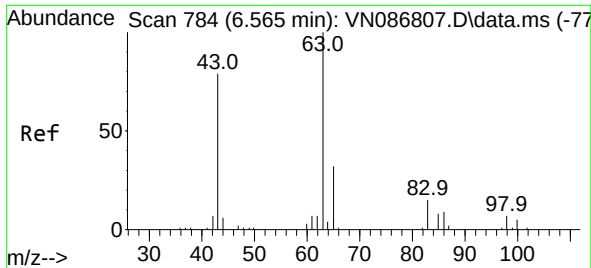
Tgt Ion: 96 Resp: 116799
Ion Ratio Lower Upper
96 100
61 127.7 98.9 148.3
98 59.7 49.0 73.4



#20
Diisopropyl ether
Concen: 50.201 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 45 Resp: 366738
Ion Ratio Lower Upper
45 100
43 49.2 40.3 60.5
87 30.7 24.1 36.1
59 11.8 10.0 15.0

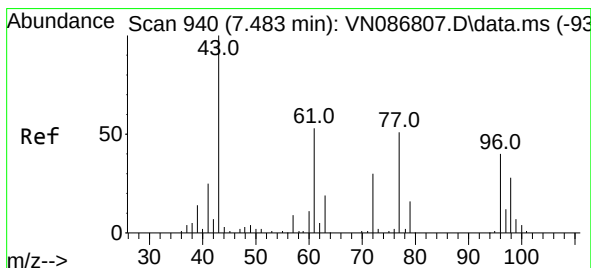
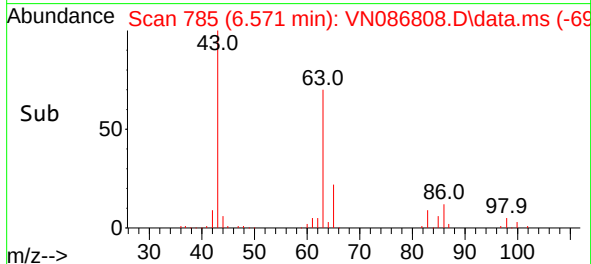
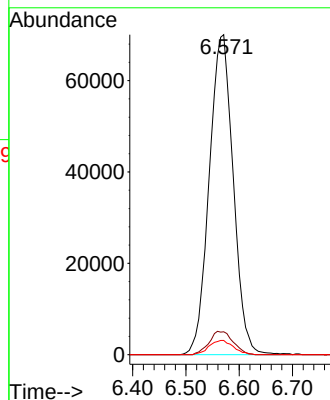
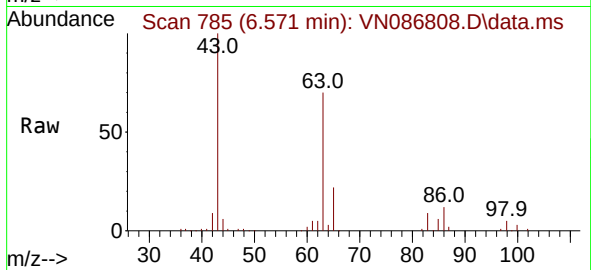




#21
1,1-Dichloroethane
Concen: 49.668 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

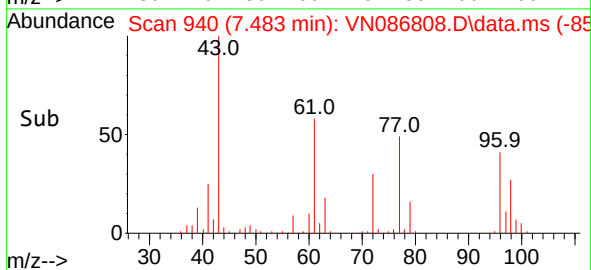
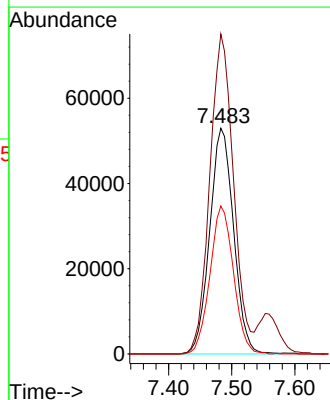
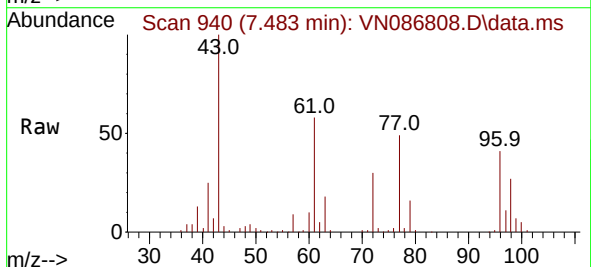
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

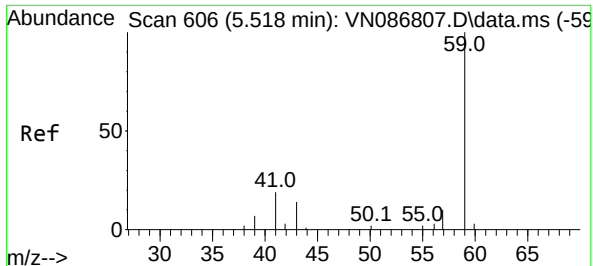
Tgt Ion: 63 Resp: 218975
Ion Ratio Lower Upper
63 100
98 7.2 3.8 11.2
100 4.4 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 49.287 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 96 Resp: 139465
Ion Ratio Lower Upper
96 100
61 140.8 110.7 166.1
98 64.3 51.8 77.8

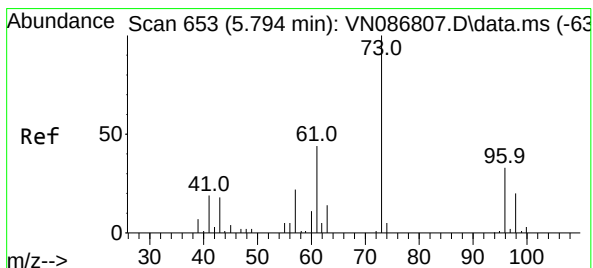
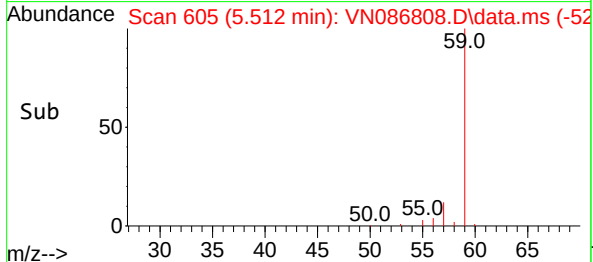
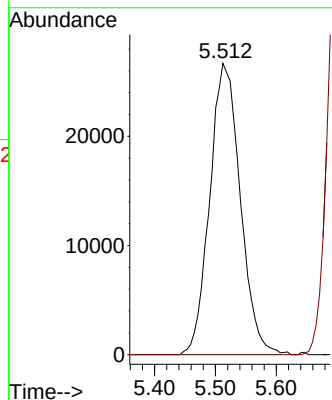
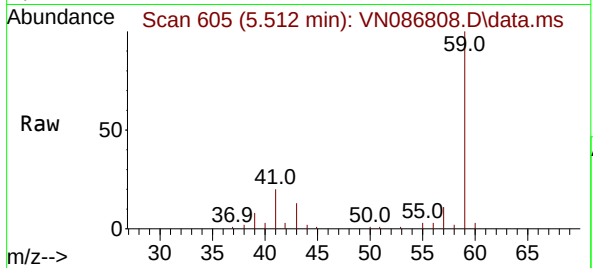




#23
tert-Butyl Alcohol
Concen: 251.010 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

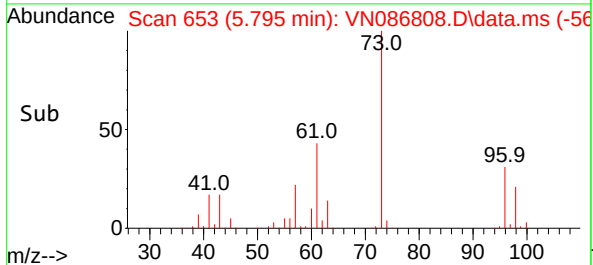
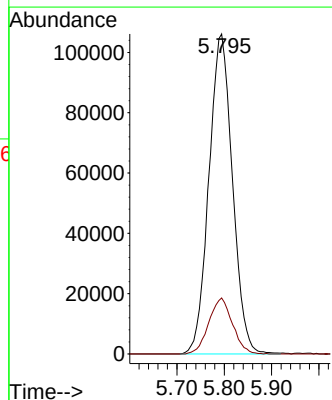
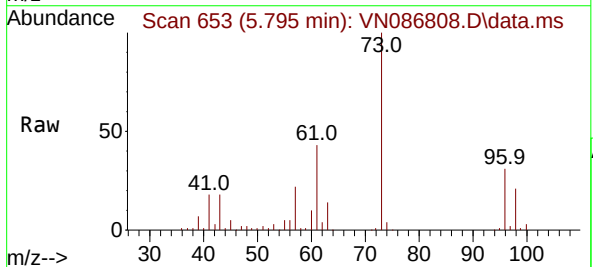
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

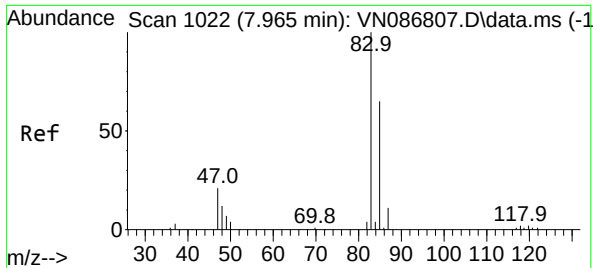
Tgt Ion: 59 Resp: 93013
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 49.806 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 73 Resp: 366507
Ion Ratio Lower Upper
73 100
43 17.5 14.6 22.0

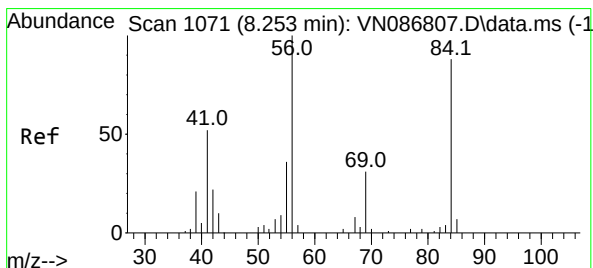
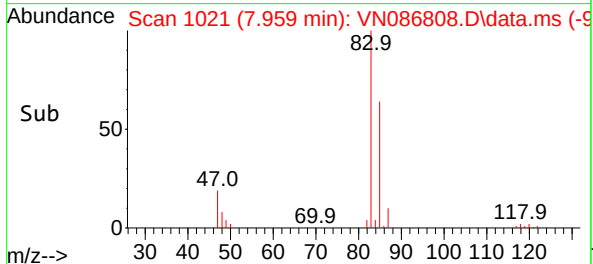
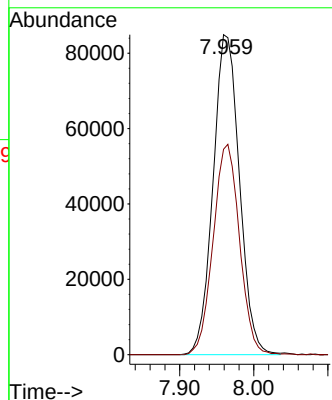
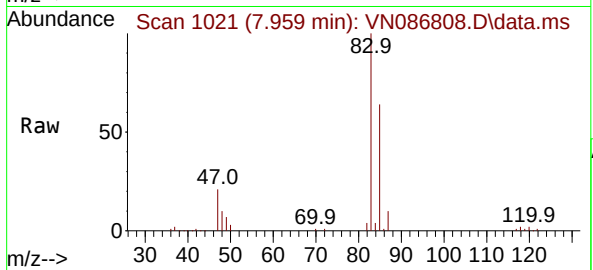




#25
Chloroform
Concen: 48.723 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

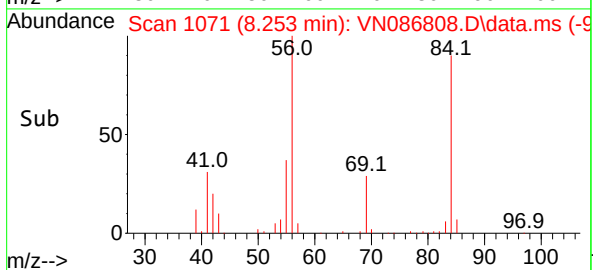
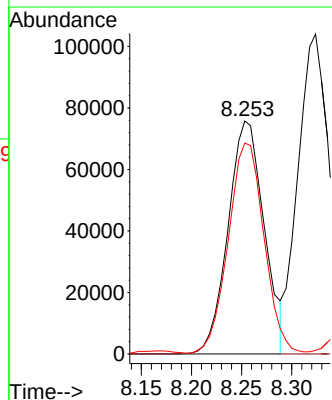
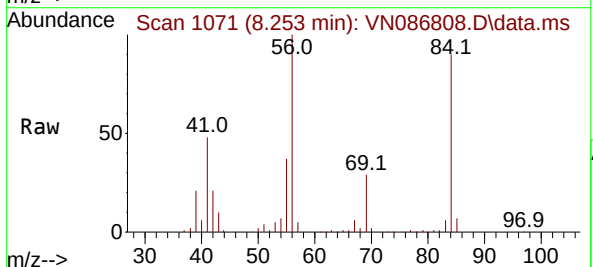
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

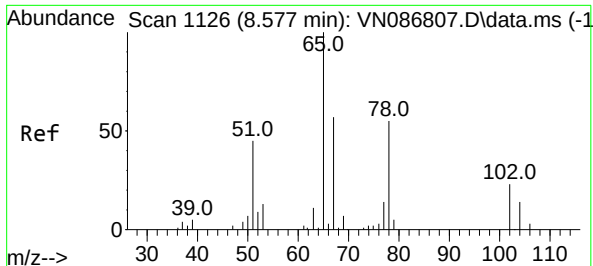
Tgt Ion: 83 Resp: 210250
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.8



#26
Cyclohexane
Concen: 49.601 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 56 Resp: 189266
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.1 70.4 105.6

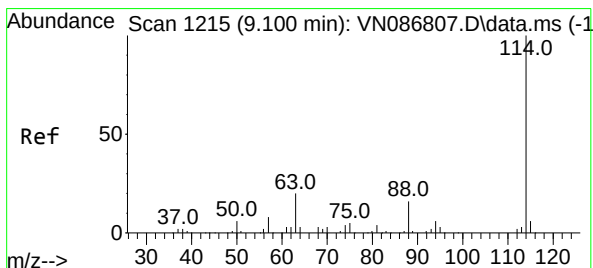
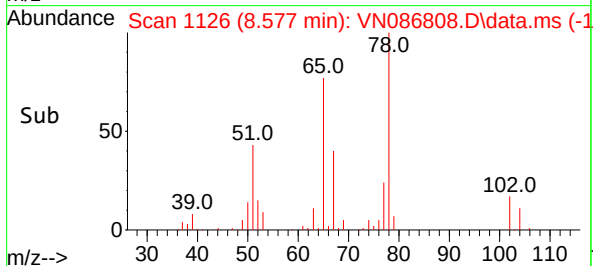
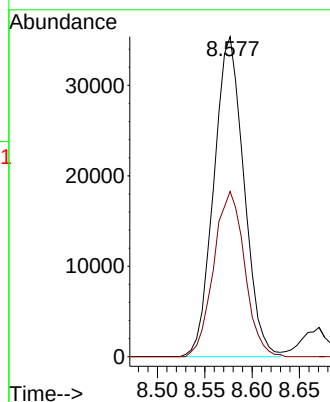
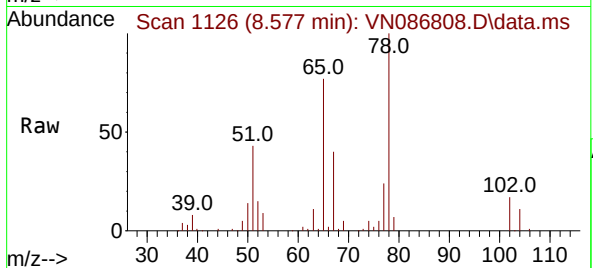




#27
1,2-Dichloroethane-d4
Concen: 30.015 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

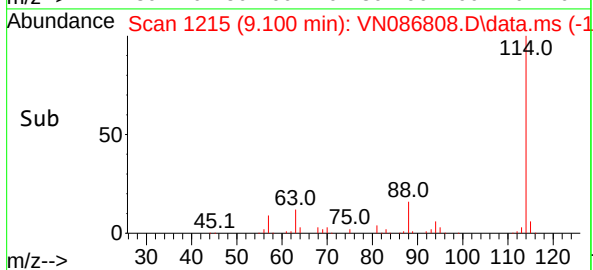
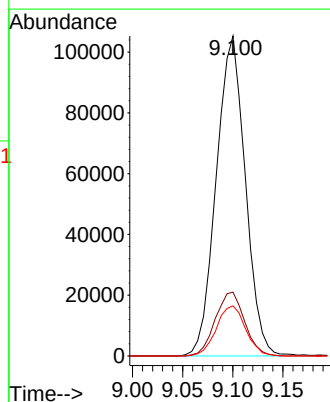
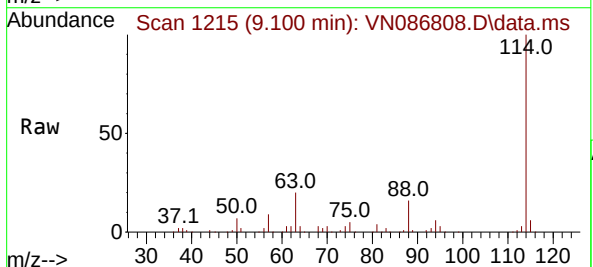
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

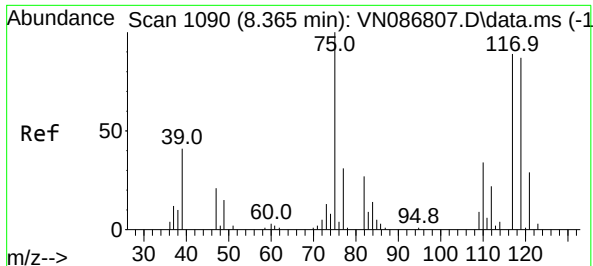
Tgt Ion: 65 Resp: 78078
Ion Ratio Lower Upper
65 100
67 53.2 44.6 67.0



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 114 Resp: 212173
Ion Ratio Lower Upper
114 100
63 20.1 15.8 23.8
88 15.8 12.9 19.3





#29

1,1-Dichloropropene

Concen: 50.077 ug/l

RT: 8.365 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086808.D

Acq: 29 May 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

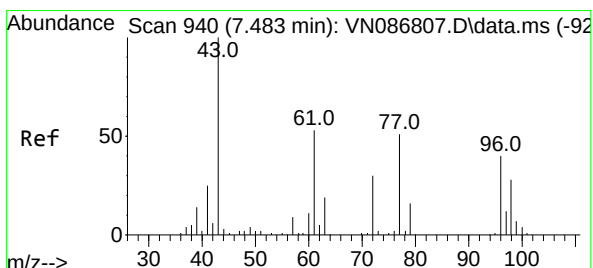
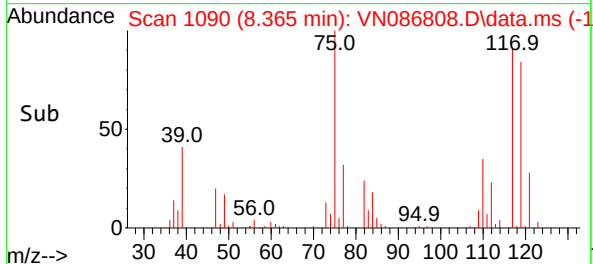
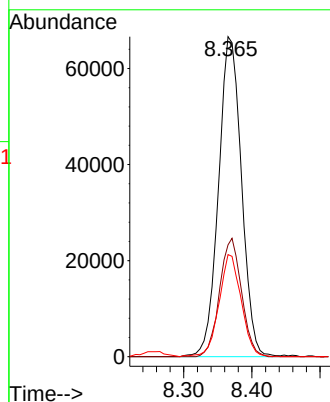
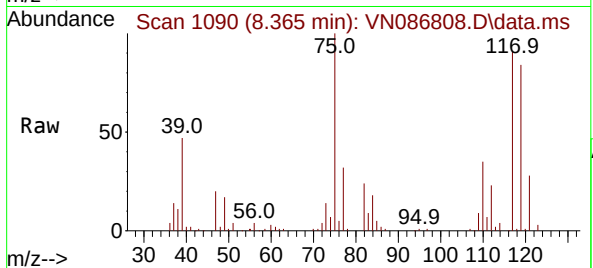
Tgt Ion: 75 Resp: 156217

Ion Ratio Lower Upper

75 100

110 35.4 0.0 71.0

77 30.8 0.0 62.4



#30

2-Butanone

Concen: 250.734 ug/l

RT: 7.477 min Scan# 939

Delta R.T. -0.006 min

Lab File: VN086808.D

Acq: 29 May 2025 11:44

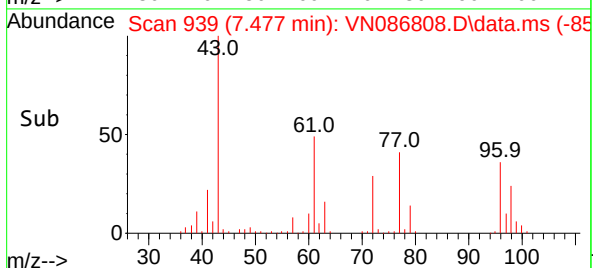
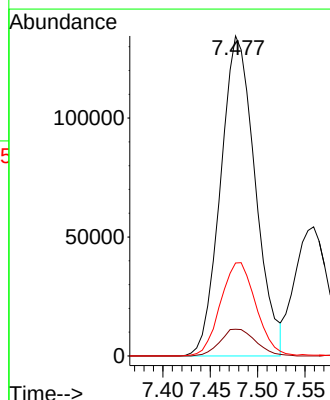
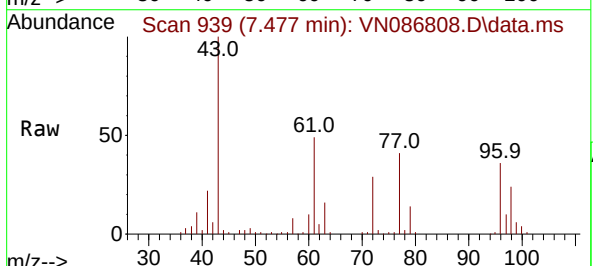
Tgt Ion: 43 Resp: 342713

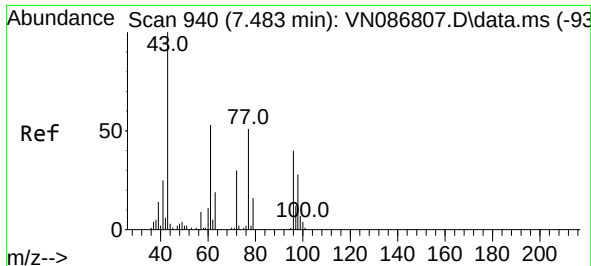
Ion Ratio Lower Upper

43 100

57 8.6 6.8 10.2

72 29.8 23.4 35.0

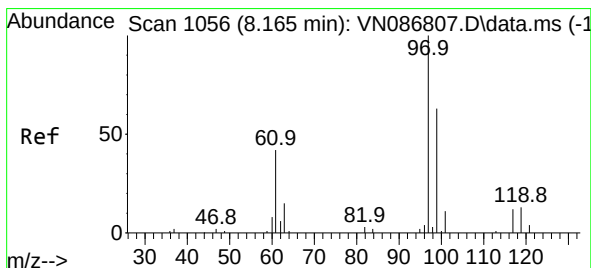
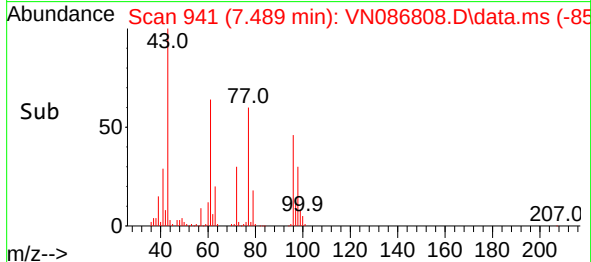
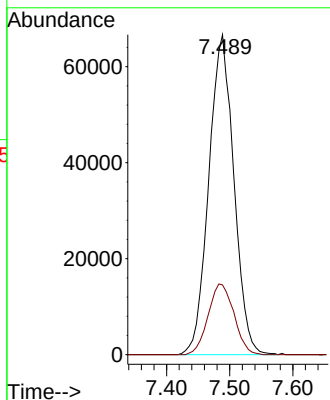
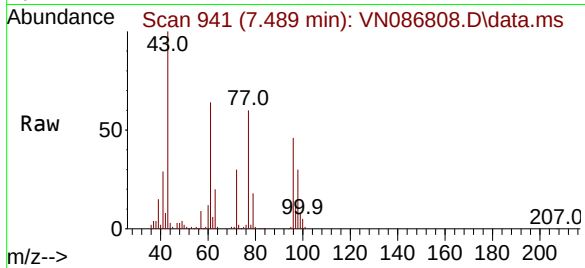




#31
2,2-Dichloropropane
Concen: 49.922 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

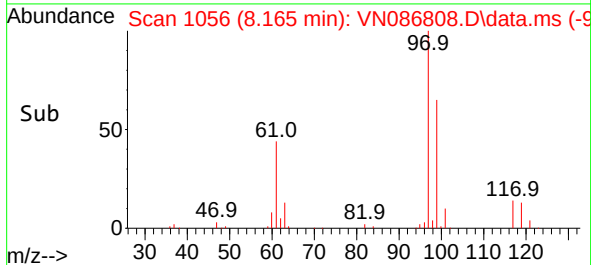
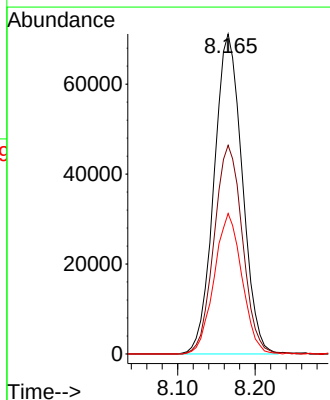
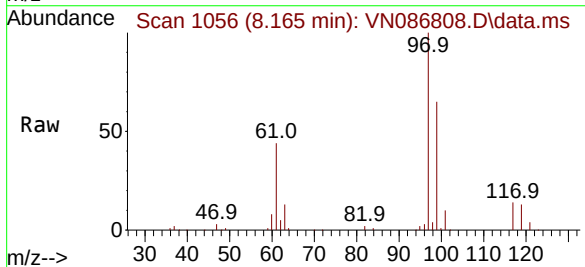
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

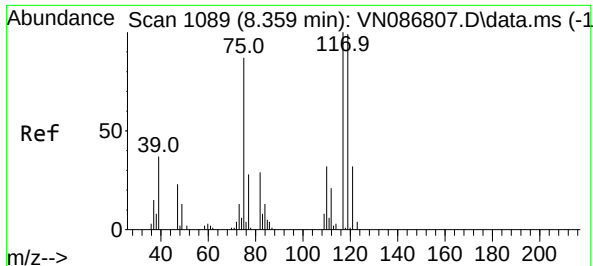
Tgt Ion: 77 Resp: 183830
Ion Ratio Lower Upper
77 100
97 22.7 18.6 27.8



#32
1,1,1-Trichloroethane
Concen: 49.798 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

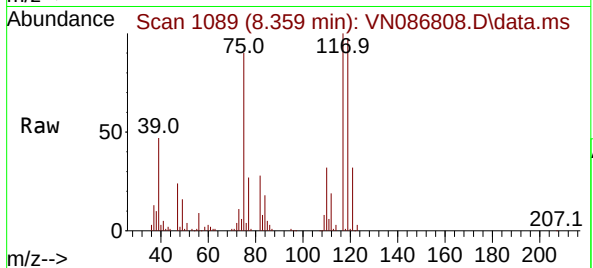
Tgt Ion: 97 Resp: 180080
Ion Ratio Lower Upper
97 100
99 65.7 51.7 77.5
61 43.3 35.4 53.2



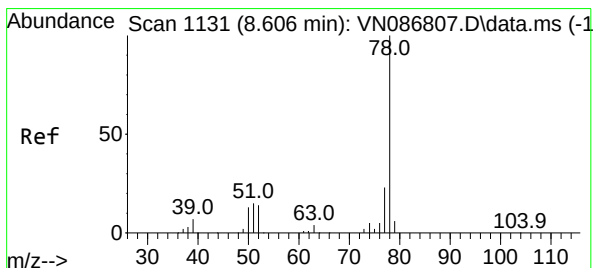
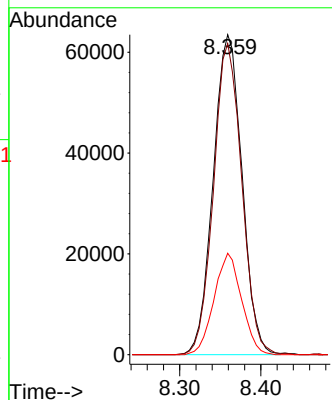
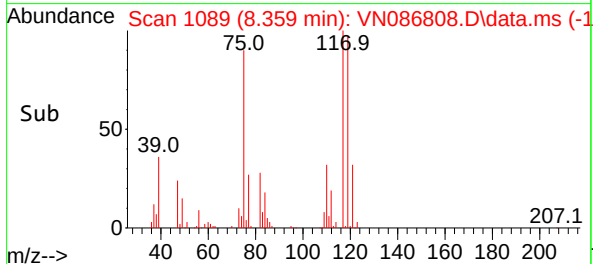


#33
Carbon Tetrachloride
Concen: 50.583 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

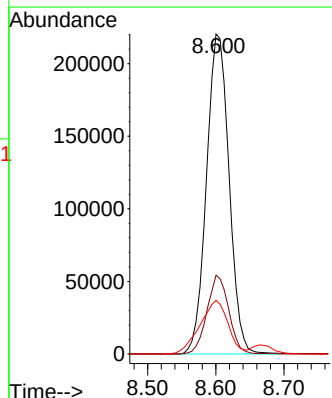
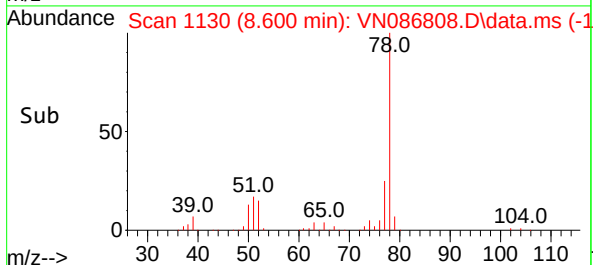
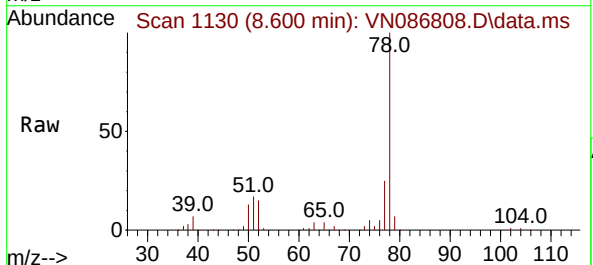


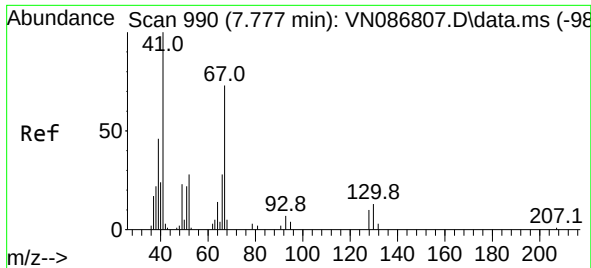
Tgt Ion:117 Resp: 156360
Ion Ratio Lower Upper
117 100
119 97.0 79.2 118.8
121 31.7 25.6 38.4



#34
Benzene
Concen: 50.104 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 78 Resp: 508562
Ion Ratio Lower Upper
78 100
77 24.6 18.2 27.2
51 16.1 11.9 17.9

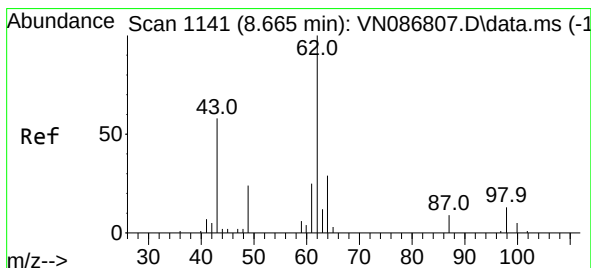
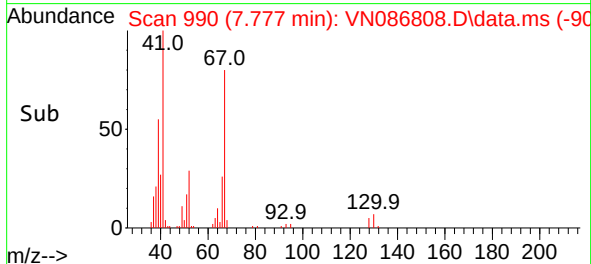
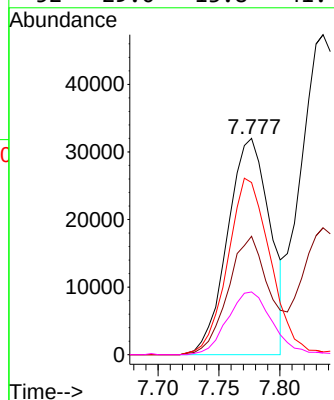
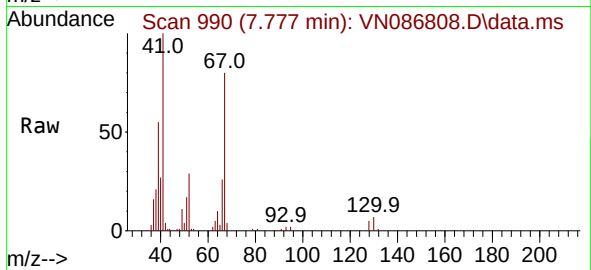




#35
Methacrylonitrile
Concen: 49.465 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

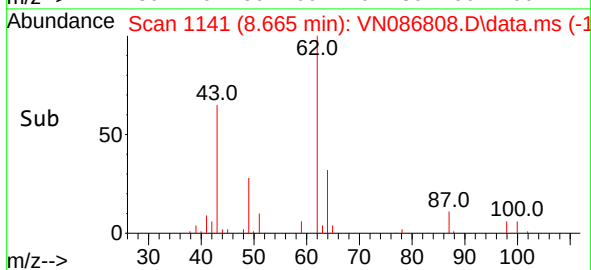
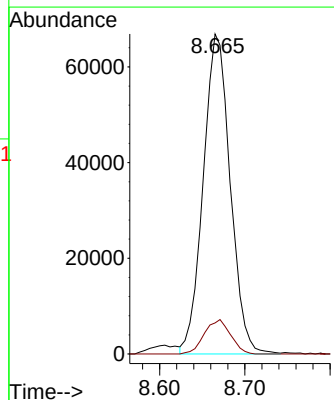
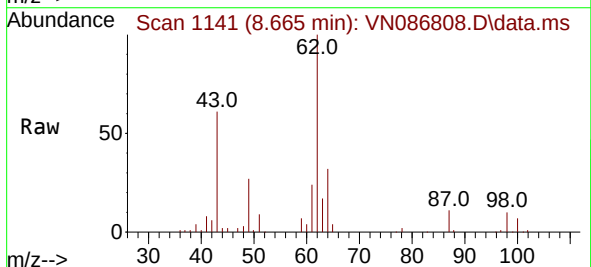
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

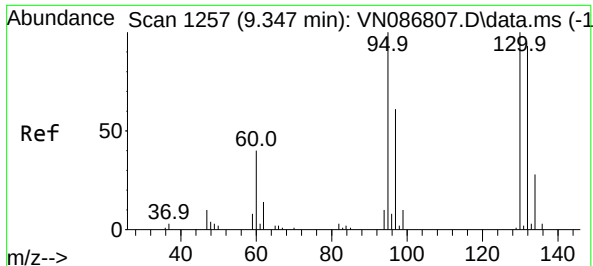
Tgt Ion:	41	Resp:	77665
Ion Ratio	Lower	Upper	
41	100		
39	54.7	23.2	69.6
67	79.6	36.5	109.7
52	29.0	13.8	41.4



#36
1,2-Dichloroethane
Concen: 49.552 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:	62	Resp:	147384
Ion Ratio	Lower	Upper	
62	100		
98	10.4	8.5	12.7





#37

Trichloroethene

Concen: 49.044 ug/l

RT: 9.347 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086808.D

Acq: 29 May 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

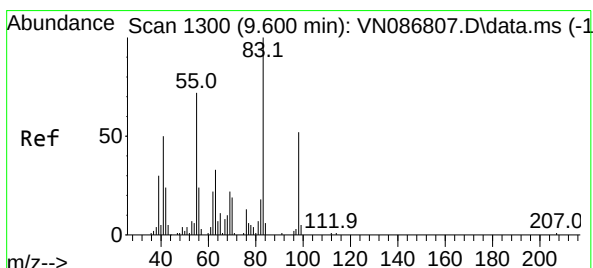
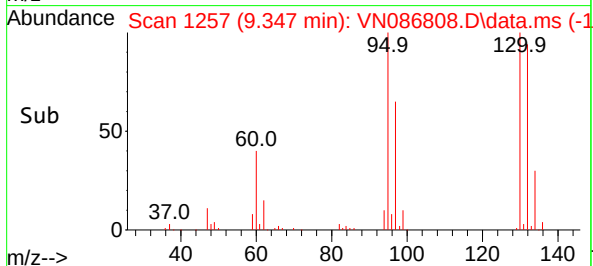
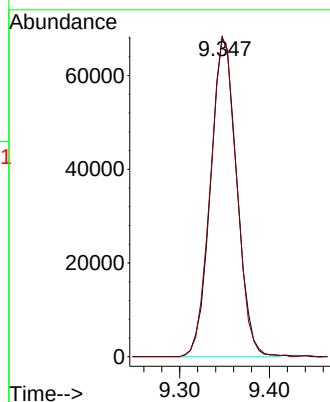
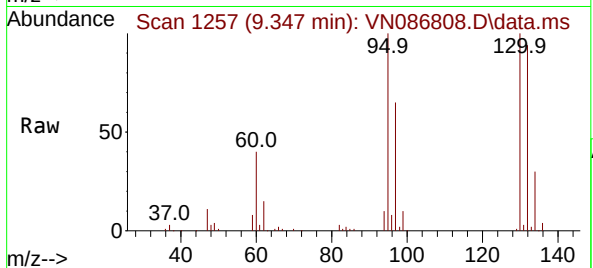
VSTDIC050

Tgt Ion:130 Resp: 138080

Ion Ratio Lower Upper

130 100

95 99.5 80.3 120.5



#38

Methylcyclohexane

Concen: 50.836 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN086808.D

Acq: 29 May 2025 11:44

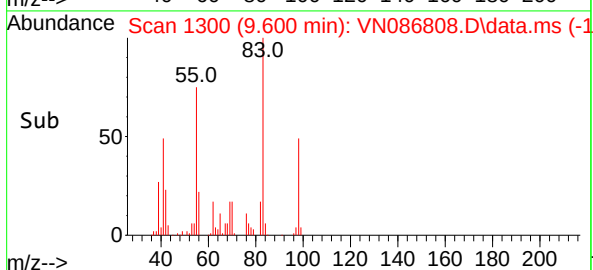
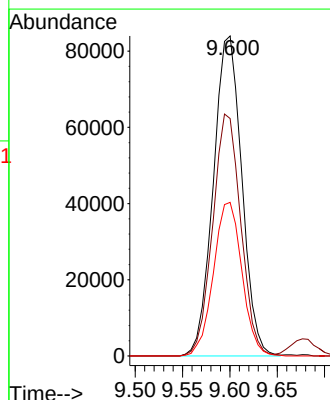
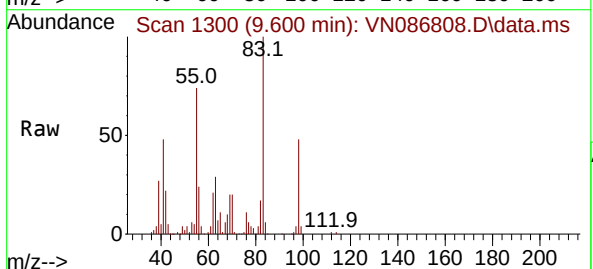
Tgt Ion: 83 Resp: 175956

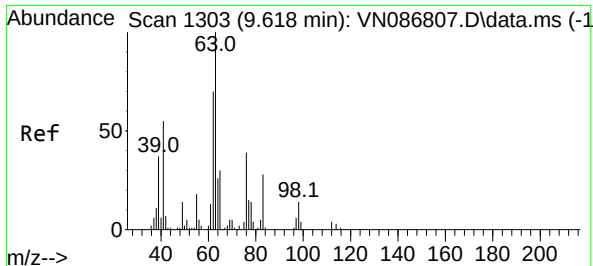
Ion Ratio Lower Upper

83 100

55 74.5 37.4 112.1

98 48.0 24.6 73.6





#39

1,2-Dichloropropane

Concen: 49.730 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086808.D

Acq: 29 May 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

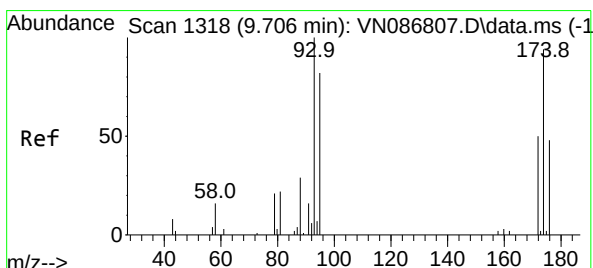
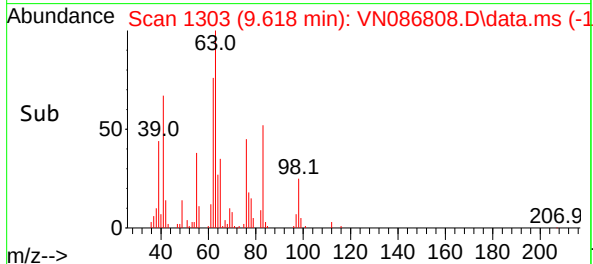
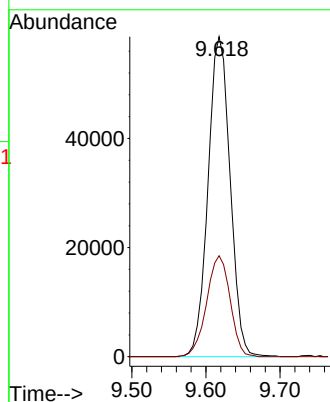
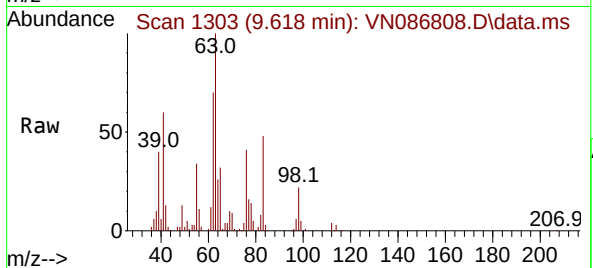
VSTDIC050

Tgt Ion: 63 Resp: 121523

Ion Ratio Lower Upper

63 100

65 31.5 24.2 36.4



#40

Dibromomethane

Concen: 50.142 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086808.D

Acq: 29 May 2025 11:44

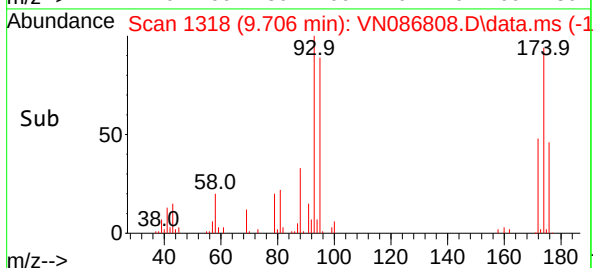
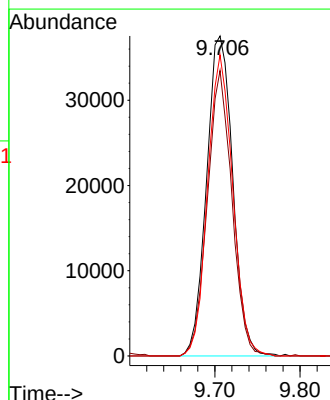
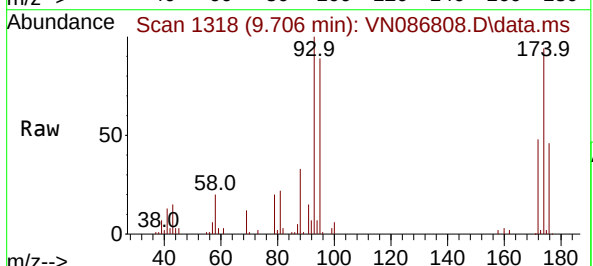
Tgt Ion: 93 Resp: 80141

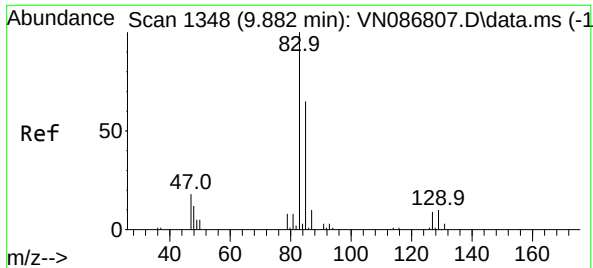
Ion Ratio Lower Upper

93 100

95 83.5 0.0 166.4

174 90.2 0.0 181.8

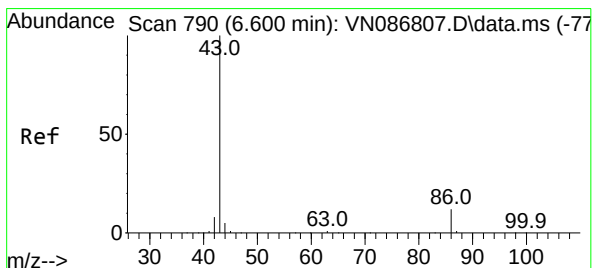
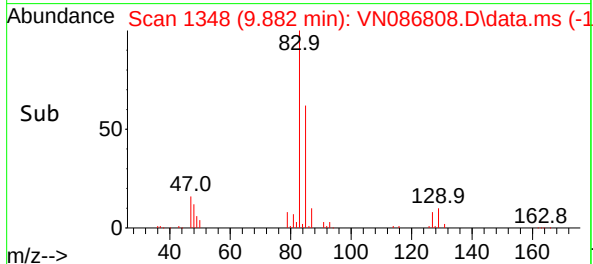
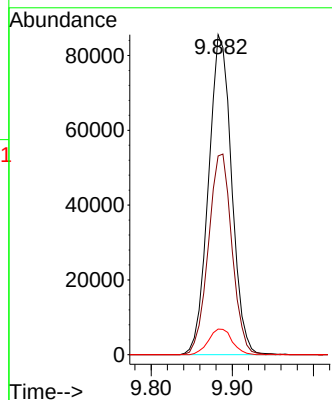
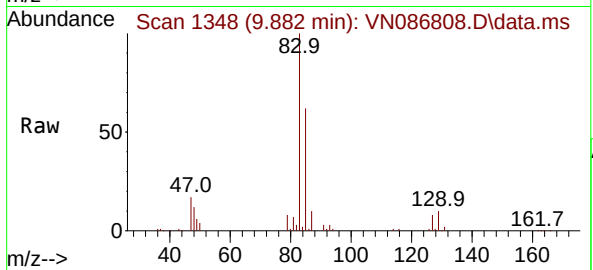




#41
Bromodichloromethane
Concen: 50.546 ug/l
RT: 9.882 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

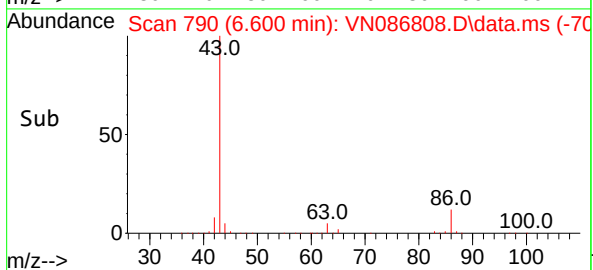
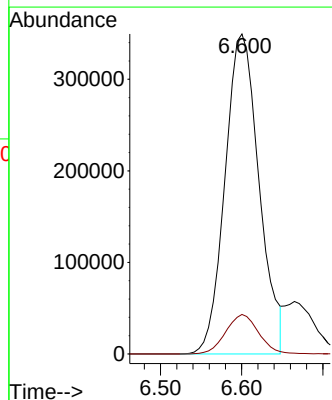
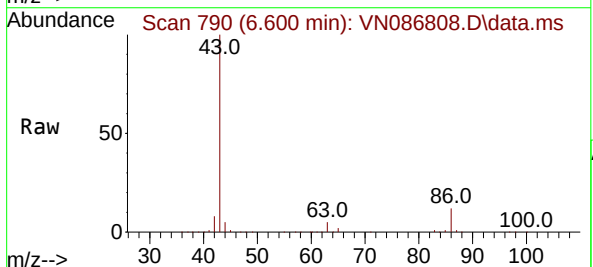
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

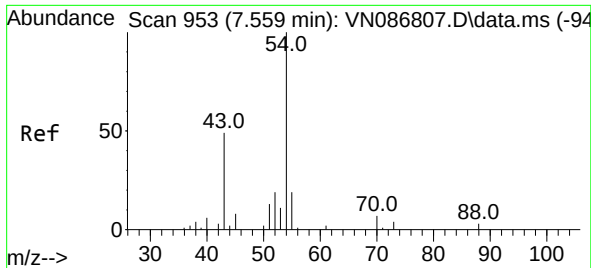
Tgt Ion: 83 Resp: 169106
Ion Ratio Lower Upper
83 100
85 62.1 51.8 77.8
127 8.0 6.8 10.2



#42
Vinyl Acetate
Concen: 256.515 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 43 Resp: 1022005
Ion Ratio Lower Upper
43 100
86 11.9 9.5 14.3

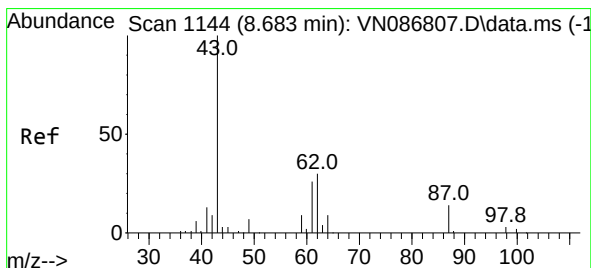
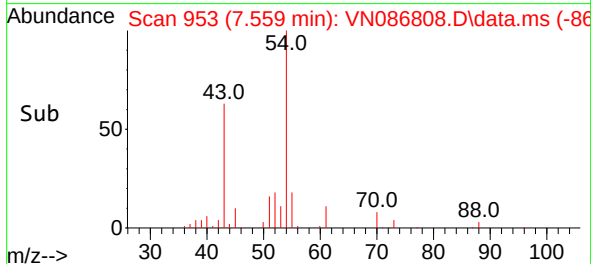
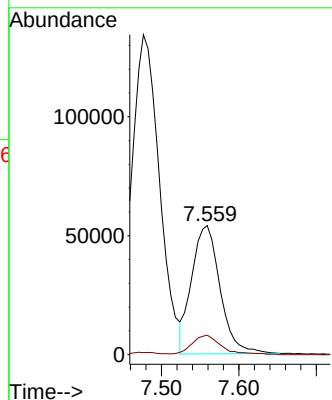
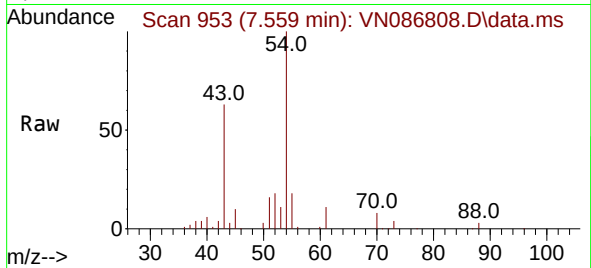




#43
Ethyl Acetate
Concen: 49.082 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

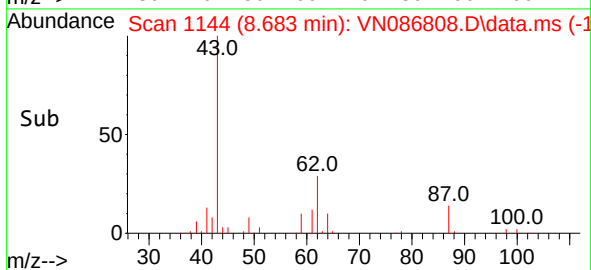
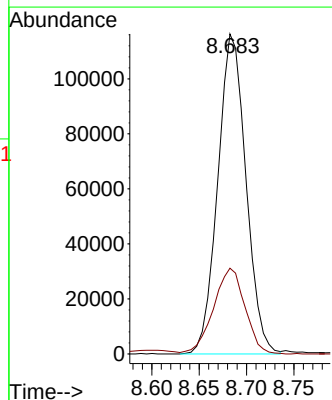
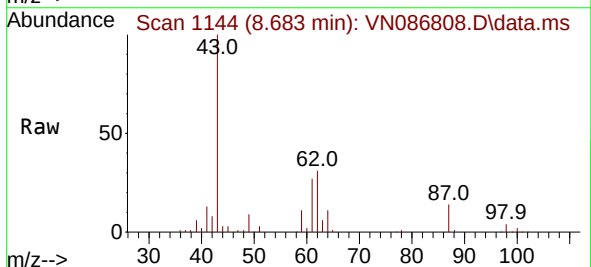
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

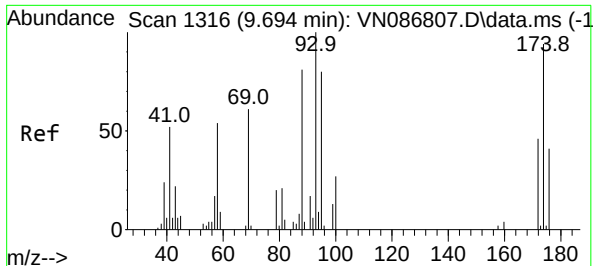
Tgt Ion: 43 Resp: 137277
Ion Ratio Lower Upper
43 100
45 15.1 11.1 16.7



#44
Isopropyl Acetate
Concen: 50.186 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 43 Resp: 240786
Ion Ratio Lower Upper
43 100
61 29.9 23.8 35.6

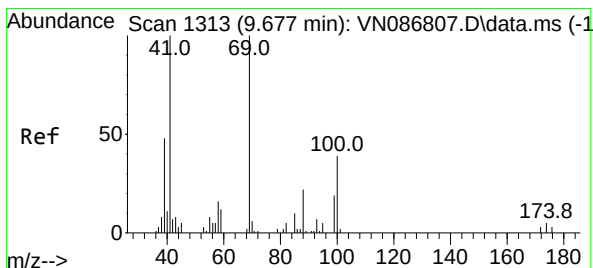
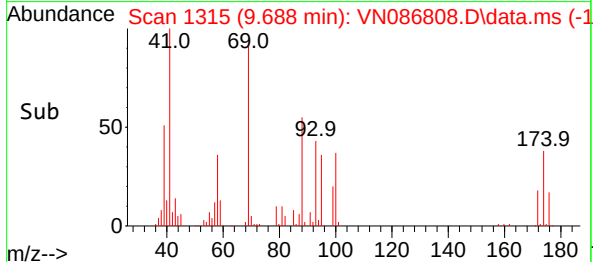
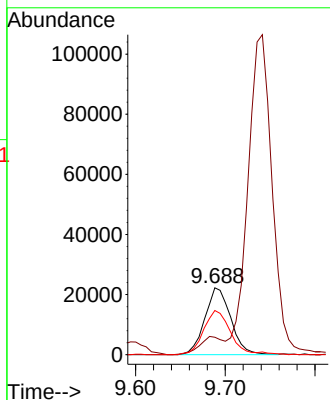
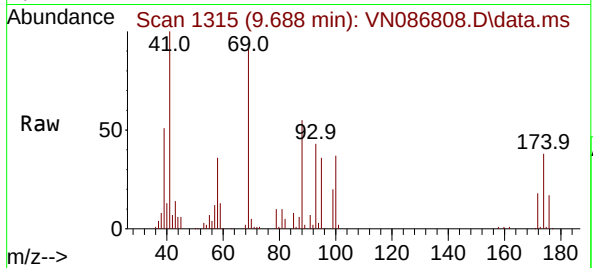




#45
1,4-Dioxane
Concen: 1047.904 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

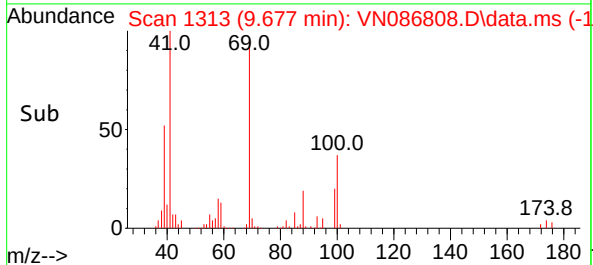
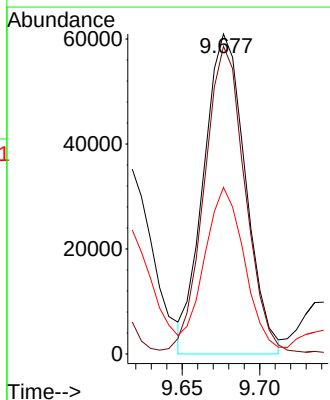
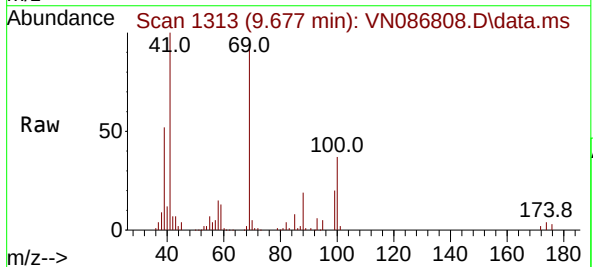
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

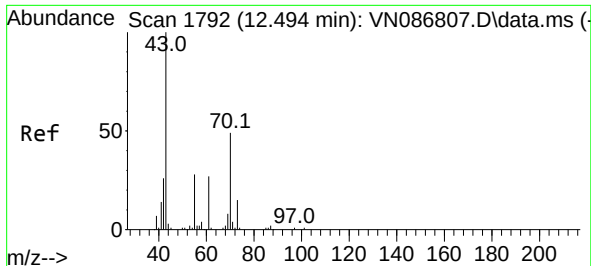
Tgt Ion: 88 Resp: 44687
Ion Ratio Lower Upper
88 100
43 25.1 23.0 34.6
58 67.0 57.6 86.4



#46
Methyl methacrylate
Concen: 51.702 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 41 Resp: 114379
Ion Ratio Lower Upper
41 100
69 97.5 48.0 144.2
39 52.2 23.8 71.2

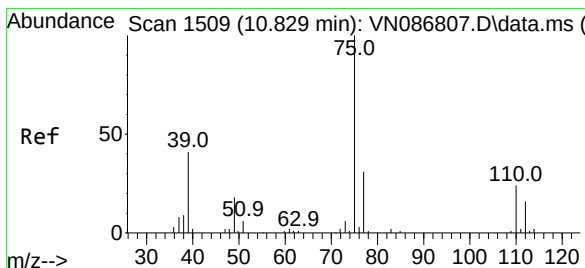
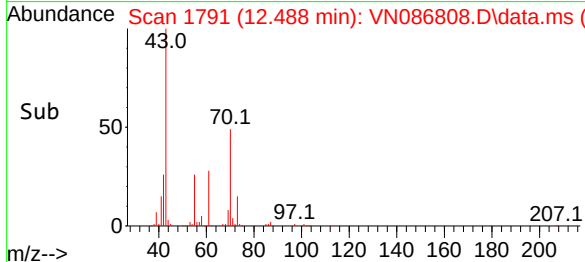
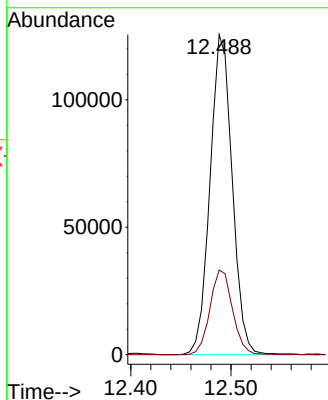
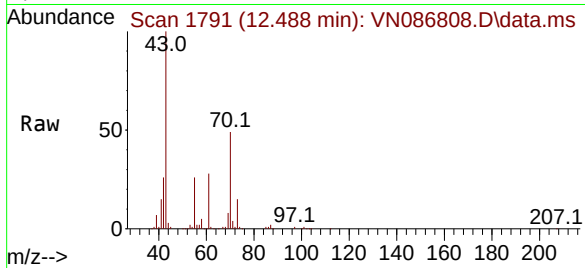




#47
n-amy1 Acetate
Concen: 50.074 ug/l
RT: 12.488 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

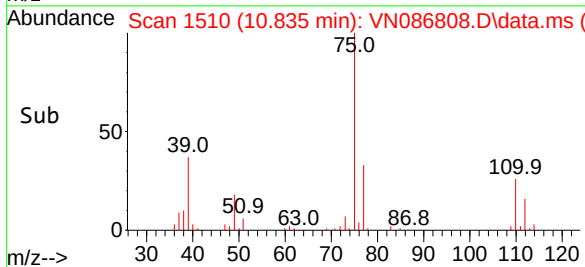
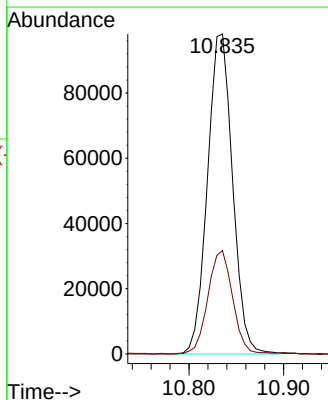
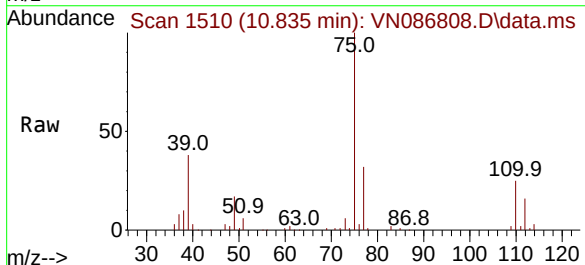
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

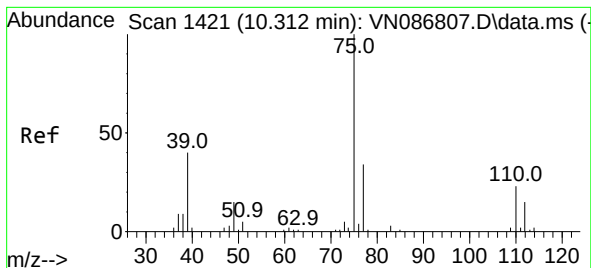
Tgt Ion: 43 Resp: 192875
Ion Ratio Lower Upper
43 100
55 26.9 21.7 32.5



#48
t-1,3-Dichloropropene
Concen: 50.515 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 75 Resp: 180849
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7



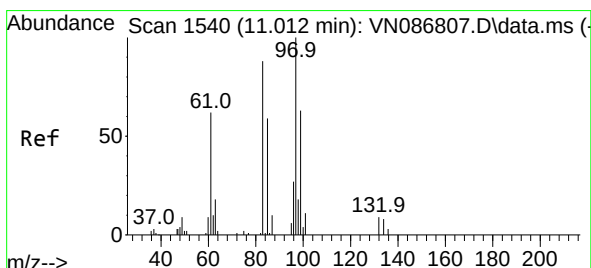
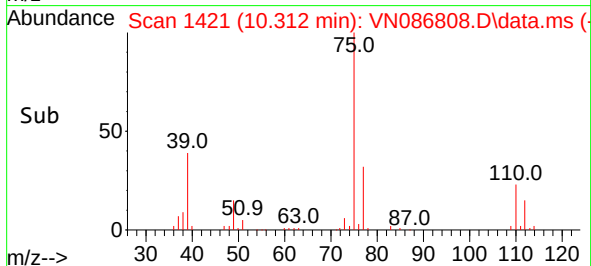
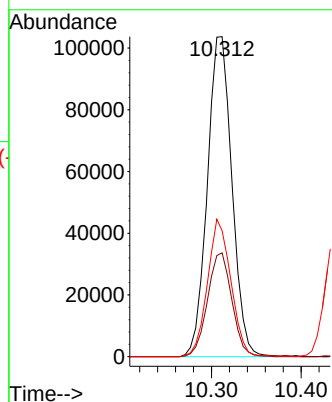
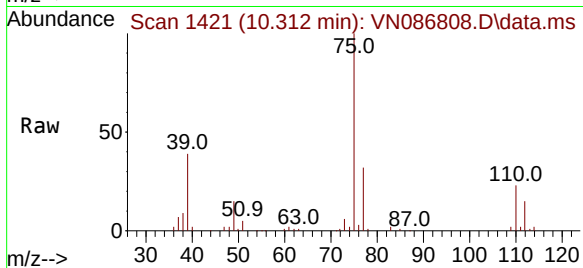


#49
 cis-1,3-Dichloropropene
 Concen: 50.195 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN086808.D
 Acq: 29 May 2025 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion: 75 Resp: 197661

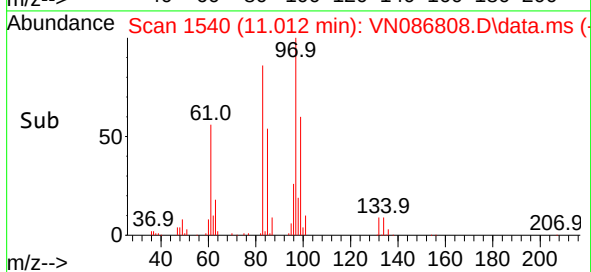
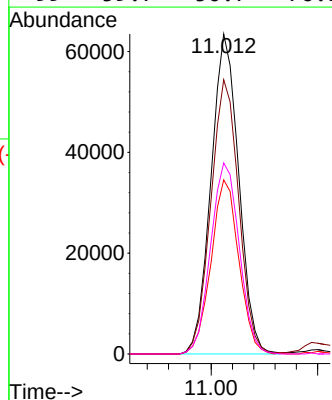
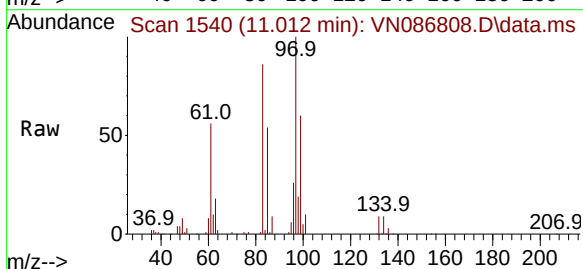
Ion	Ratio	Lower	Upper
75	100		
77	32.4	26.9	40.3
39	39.4	31.8	47.6

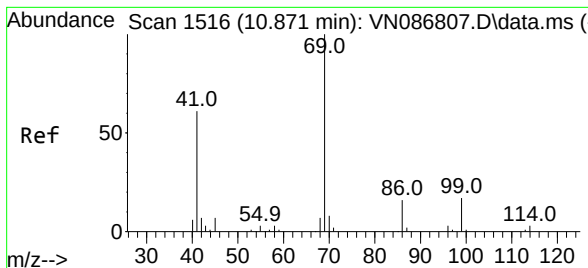


#50
 1,1,2-Trichloroethane
 Concen: 50.856 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086808.D
 Acq: 29 May 2025 11:44

Tgt Ion: 97 Resp: 114479

Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.6	105.8
85	54.4	46.8	70.2
99	59.7	50.7	76.1

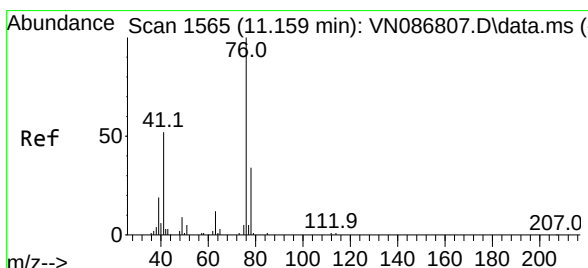
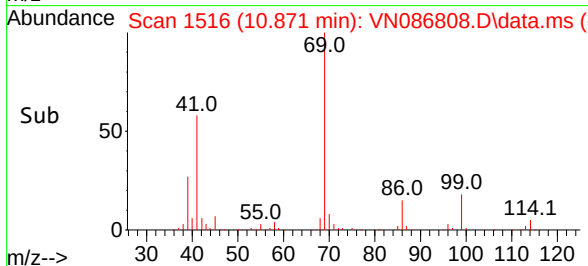
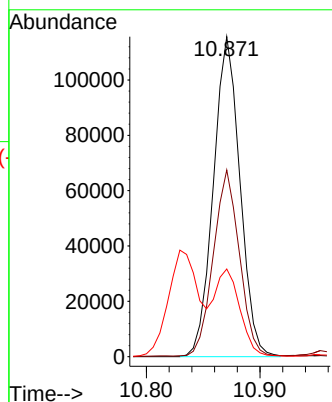
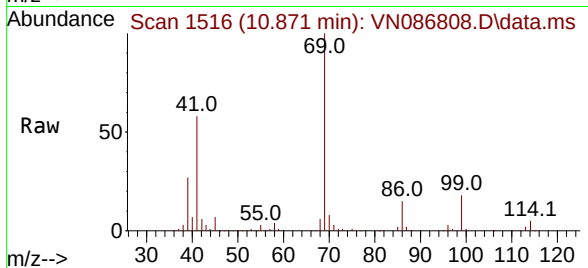




#51
Ethyl methacrylate
Concen: 51.515 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

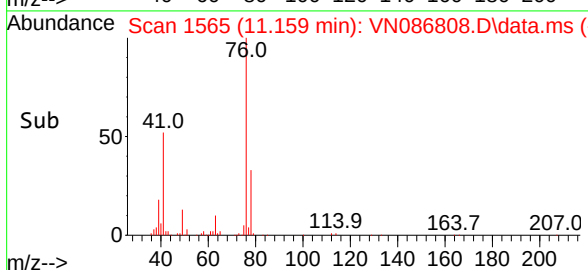
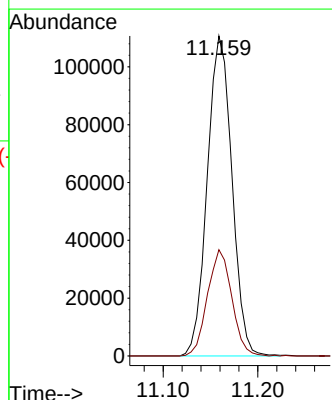
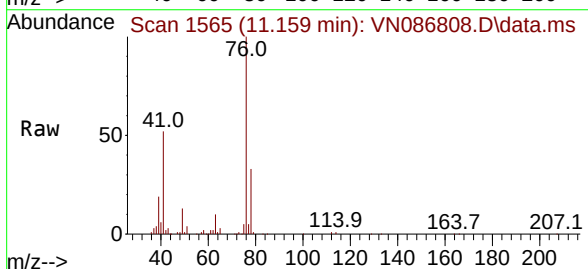
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

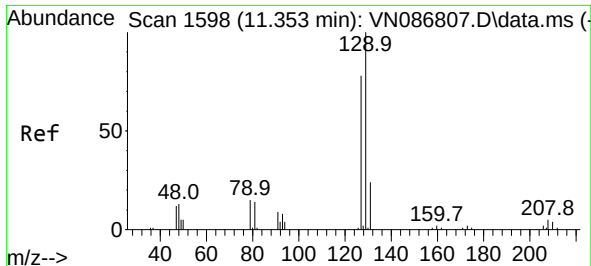
Tgt Ion: 69 Resp: 187806
Ion Ratio Lower Upper
69 100
41 58.1 30.5 91.5
39 27.2 14.3 42.9



#52
1,3-Dichloropropane
Concen: 50.120 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 76 Resp: 200223
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.6

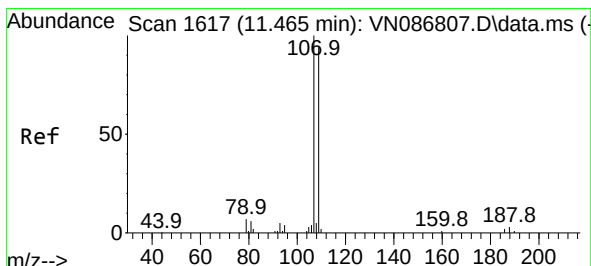
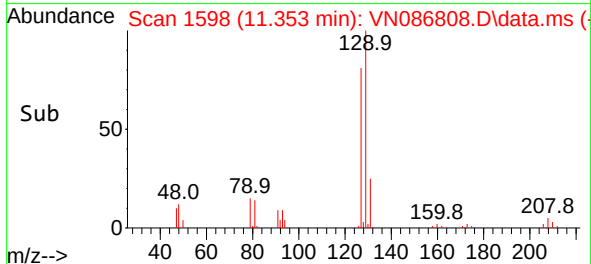
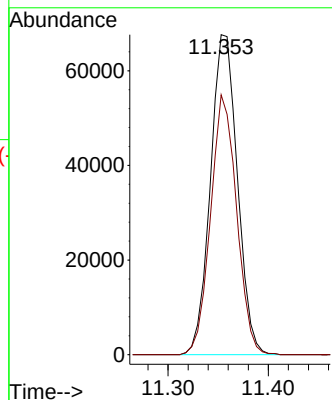
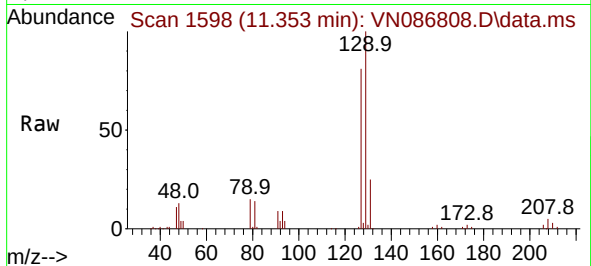




#53
Dibromochloromethane
Concen: 49.708 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

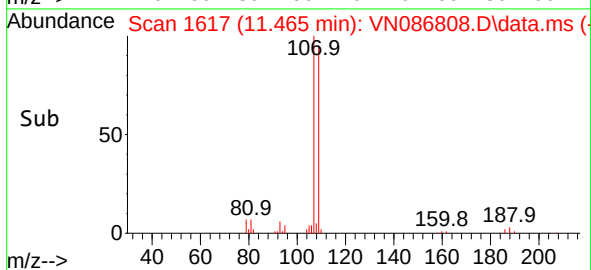
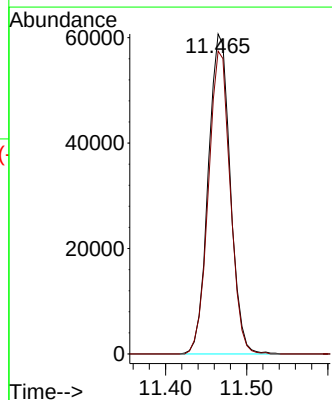
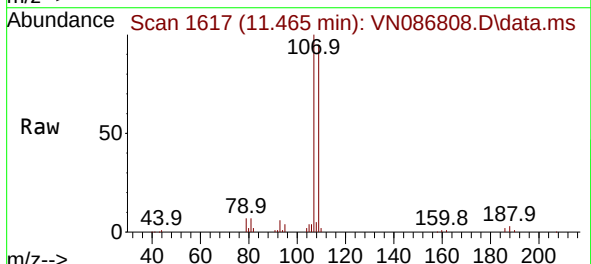
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

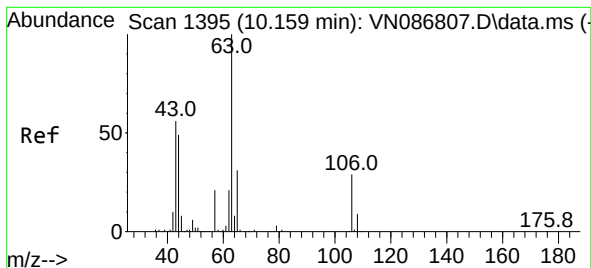
Tgt Ion:129 Resp: 126446
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.3



#54
1,2-Dibromoethane
Concen: 49.608 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:107 Resp: 114146
Ion Ratio Lower Upper
107 100
109 93.6 75.0 112.6

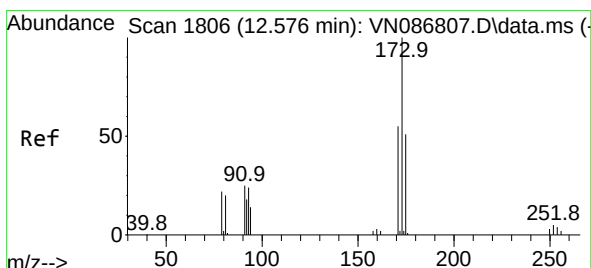
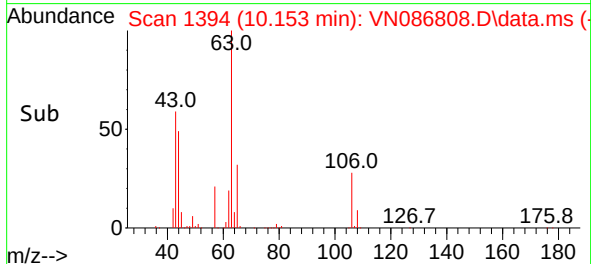
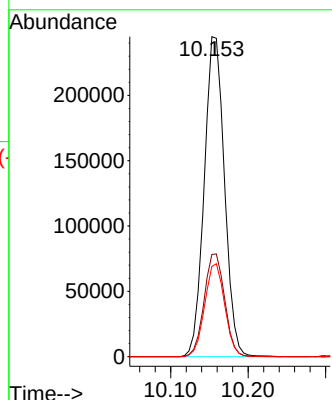
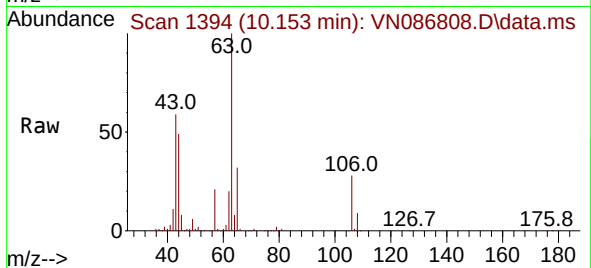




#55
2-Chloroethyl vinyl ether
Concen: 254.433 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

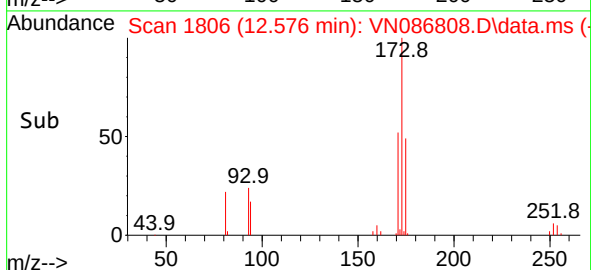
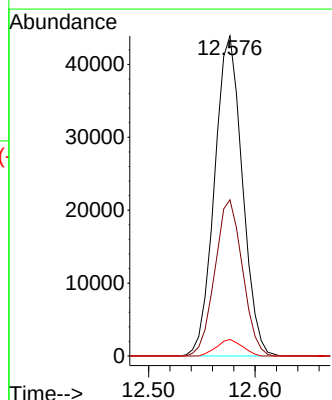
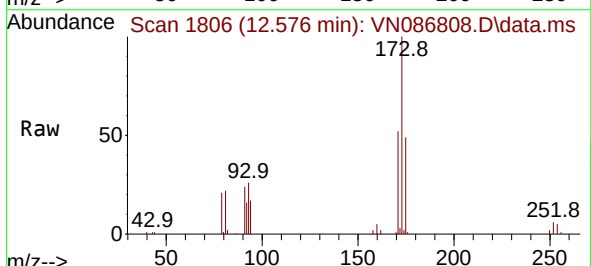
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

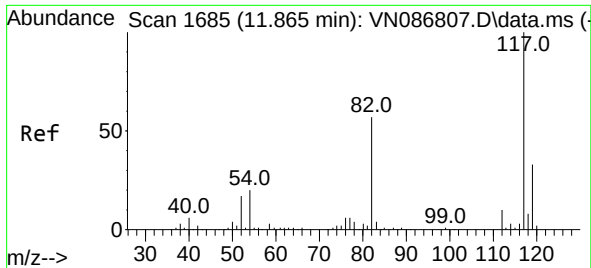
Tgt Ion: 63 Resp: 445248
Ion Ratio Lower Upper
63 100
65 32.5 25.7 38.5
106 28.8 22.7 34.1



#56
Bromoform
Concen: 49.687 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:173 Resp: 79637
Ion Ratio Lower Upper
173 100
175 48.4 39.7 59.5
254 4.7 3.5 5.3

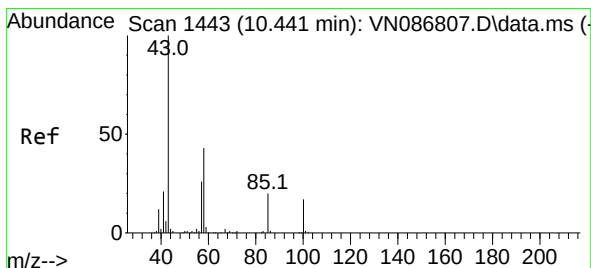
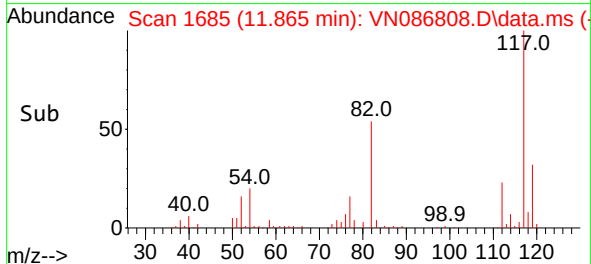
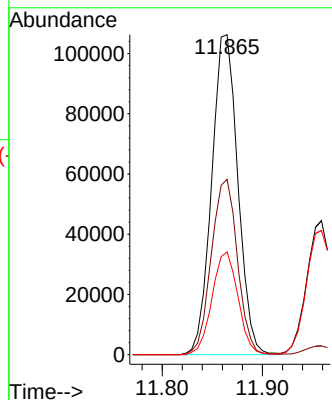
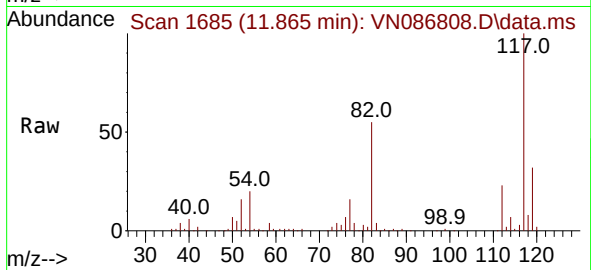




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

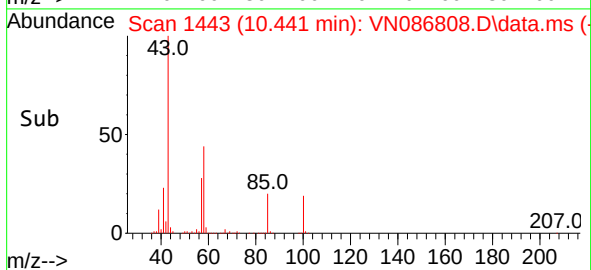
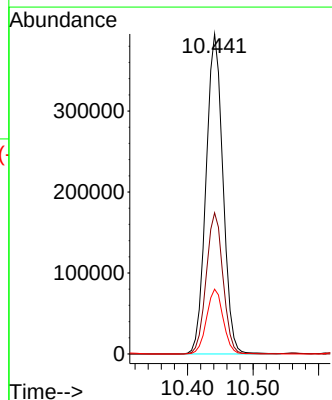
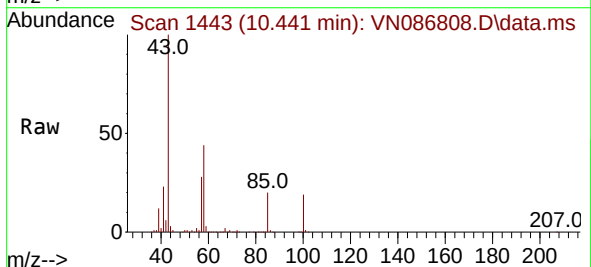
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

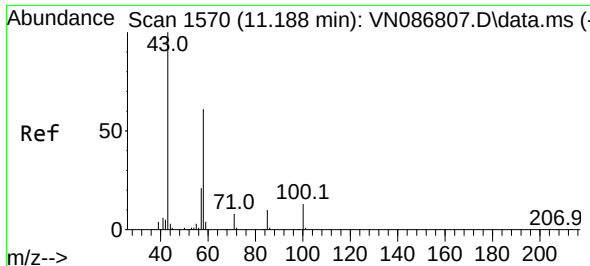
Tgt Ion:117 Resp: 192449
Ion Ratio Lower Upper
117 100
82 54.8 44.7 67.1
119 31.8 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 250.849 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 43 Resp: 708363
Ion Ratio Lower Upper
43 100
58 43.8 34.5 51.7
85 19.9 15.8 23.8

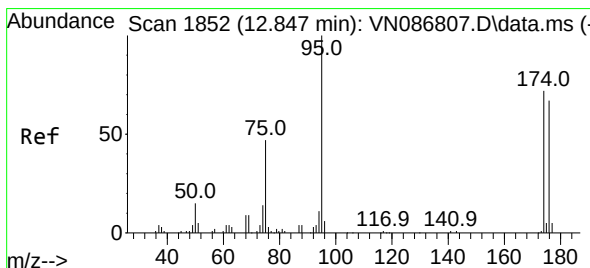
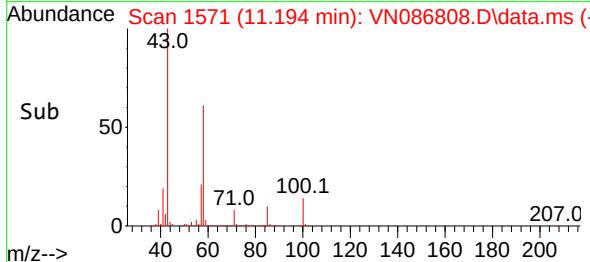
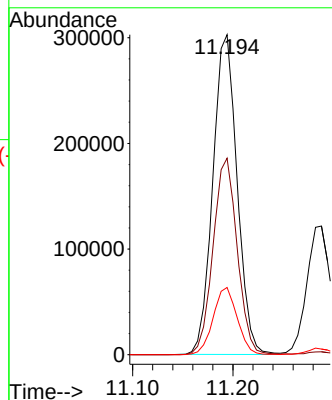
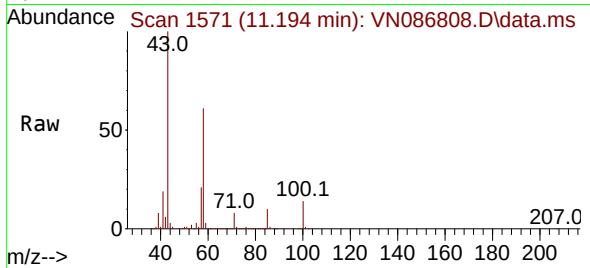




#59
2-Hexanone
Concen: 251.677 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

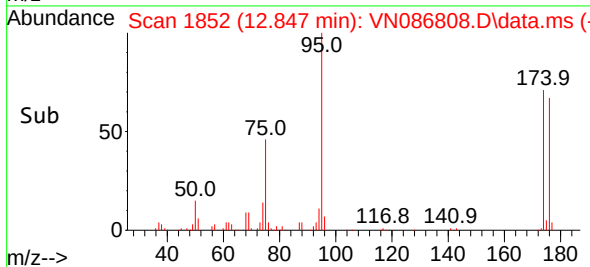
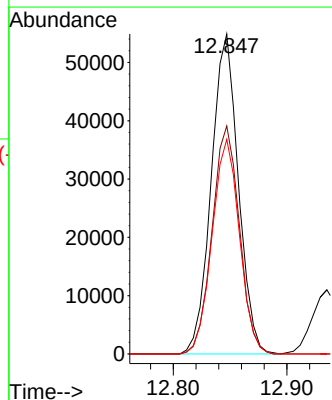
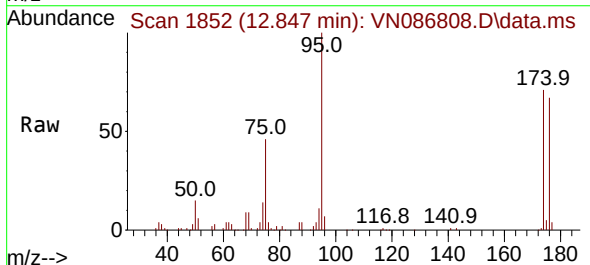
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

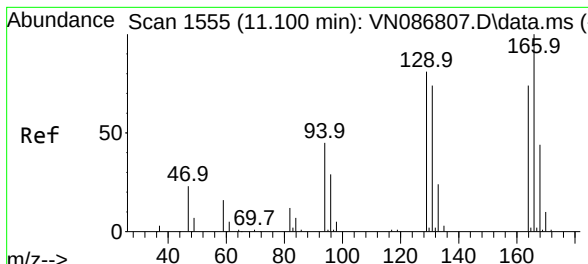
Tgt Ion: 43 Resp: 509079
Ion Ratio Lower Upper
43 100
58 61.2 49.1 73.7
57 20.9 16.6 25.0



#60
4-Bromofluorobenzene
Concen: 30.068 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 95 Resp: 90850
Ion Ratio Lower Upper
95 100
174 71.7 56.2 84.4
176 67.8 53.4 80.0

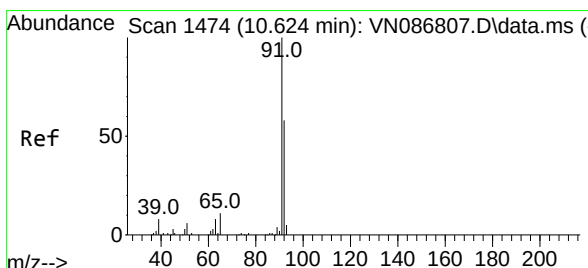
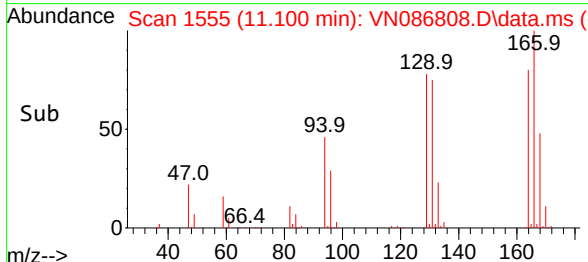
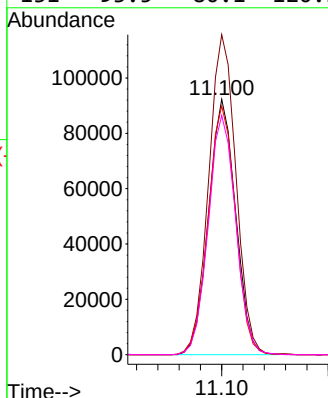
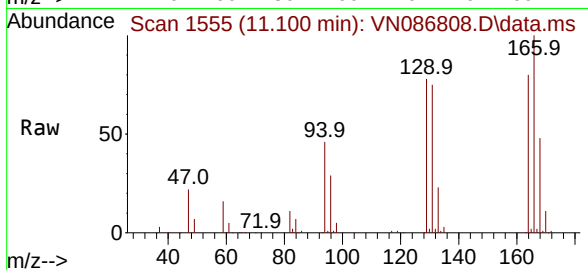




#61
Tetrachloroethene
Concen: 50.391 ug/l
RT: 11.100 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

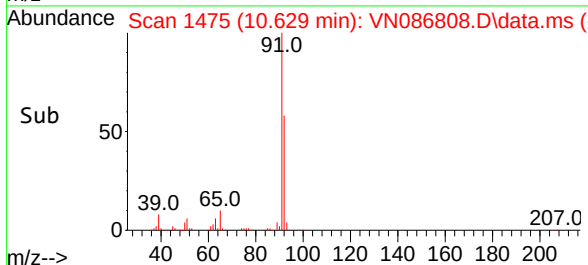
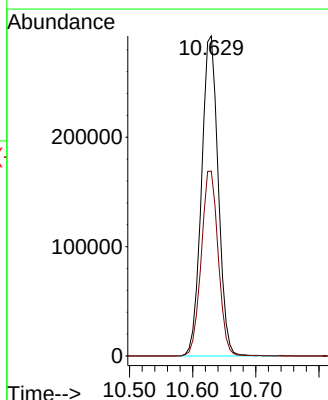
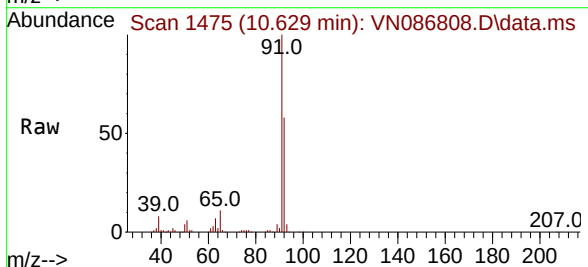
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

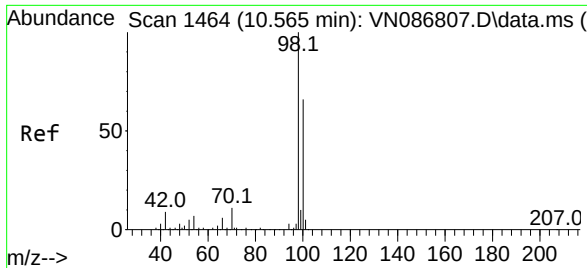
Tgt Ion:164 Resp: 163012
Ion Ratio Lower Upper
164 100
166 125.1 107.5 161.3
129 97.2 87.4 131.2
131 93.5 80.1 120.1



#62
Toluene
Concen: 49.704 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 91 Resp: 538722
Ion Ratio Lower Upper
91 100
92 58.6 46.6 70.0

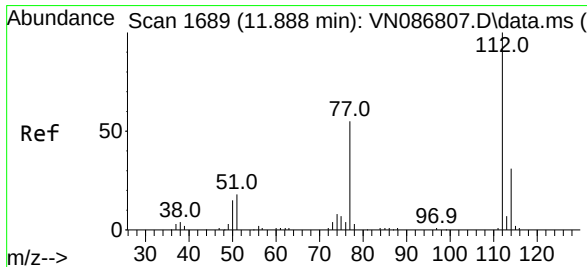
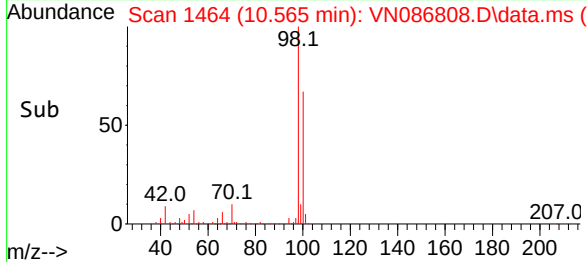
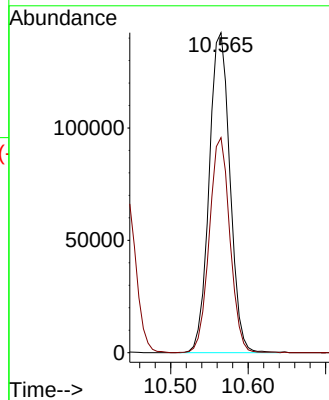
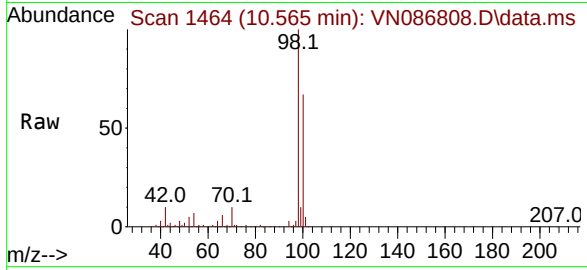




#63
Toluene-d8
Concen: 30.033 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

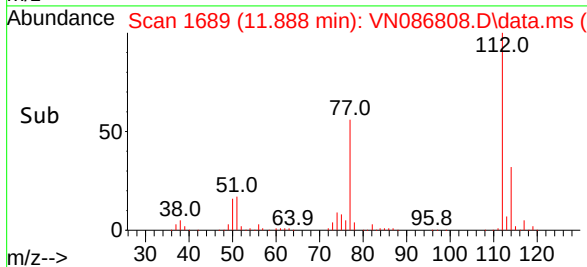
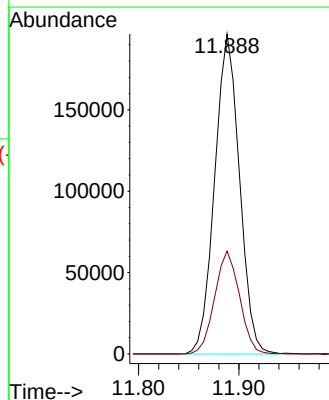
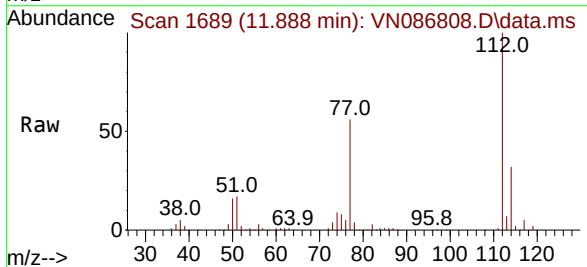
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

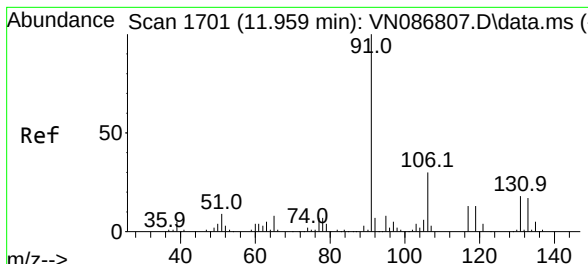
Tgt Ion: 98 Resp: 265287
Ion Ratio Lower Upper
98 100
100 66.5 52.7 79.1



#64
Chlorobenzene
Concen: 48.866 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 112 Resp: 337771
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7



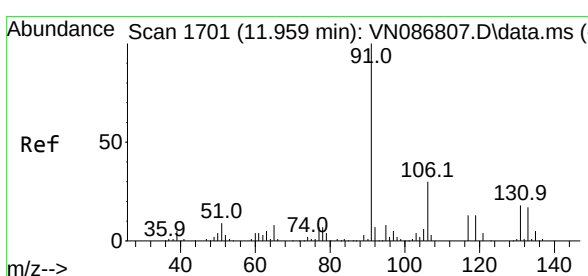
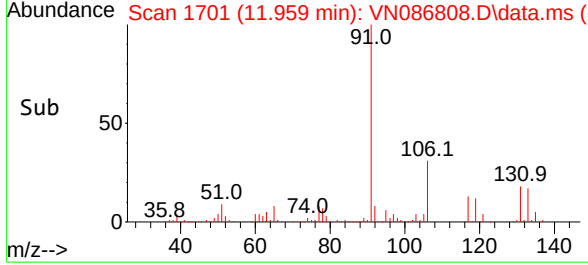
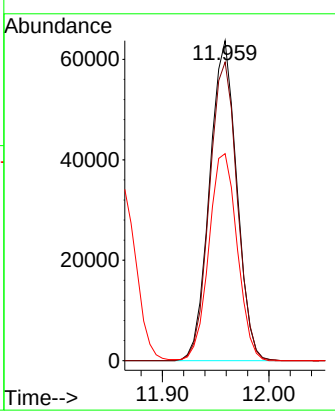
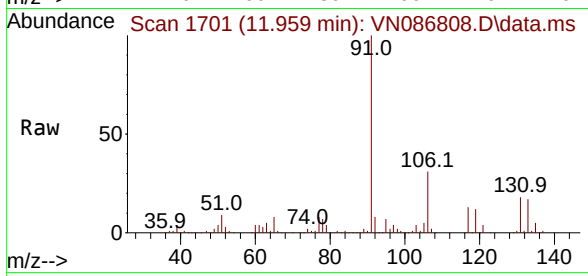


#65
 1,1,1,2-Tetrachloroethane
 Concen: 49.666 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN086808.D
 Acq: 29 May 2025 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion: 131 Resp: 112782

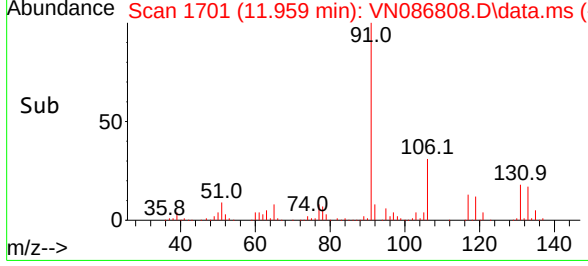
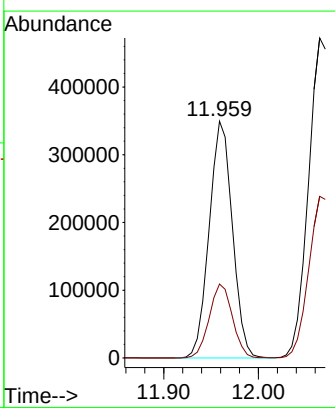
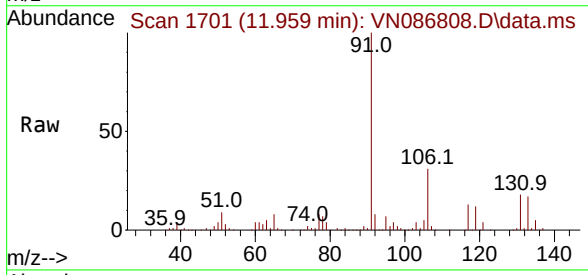
Ion	Ratio	Lower	Upper
131	100		
133	95.3	0.0	191.0
119	67.4	0.0	140.8

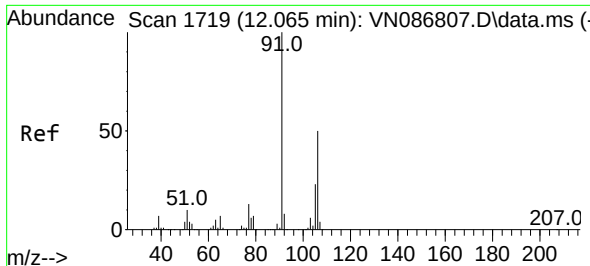


#66
 Ethyl Benzene
 Concen: 50.800 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN086808.D
 Acq: 29 May 2025 11:44

Tgt Ion: 91 Resp: 595548

Ion	Ratio	Lower	Upper
91	100		
106	31.2	23.6	35.4

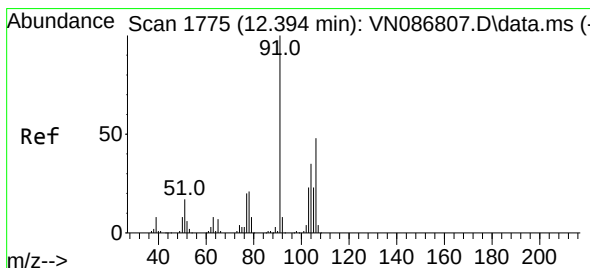
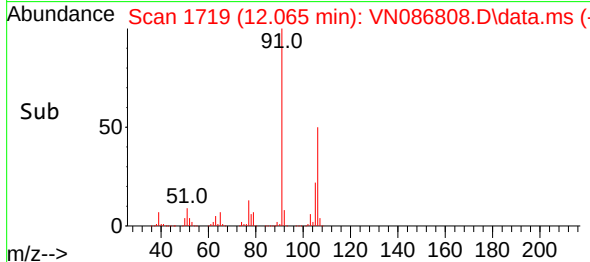
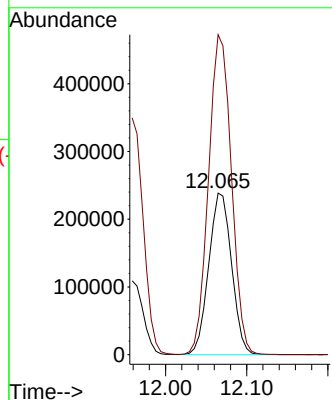
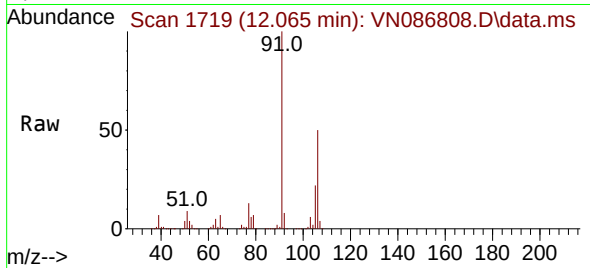




#67
m/p-Xylenes
Concen: 101.259 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

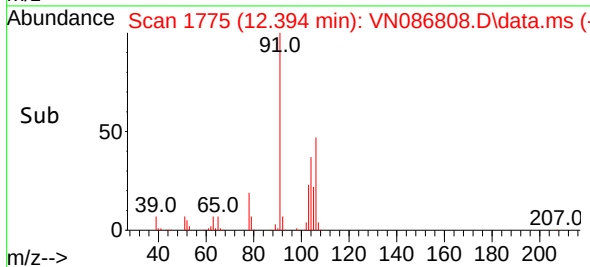
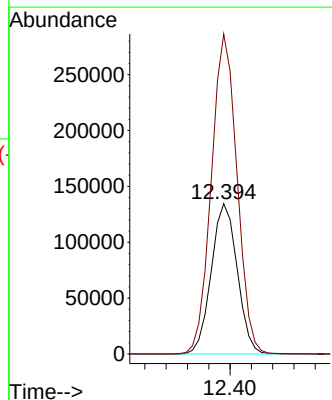
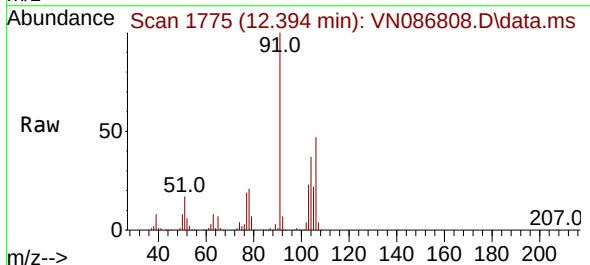
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

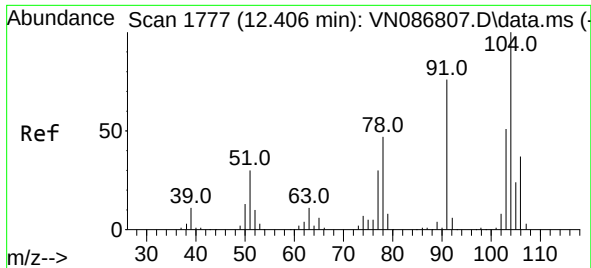
Tgt Ion:106 Resp: 465836
Ion Ratio Lower Upper
106 100
91 198.9 160.7 241.1



#68
o-Xylene
Concen: 51.022 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:106 Resp: 227480
Ion Ratio Lower Upper
106 100
91 210.6 106.3 318.9

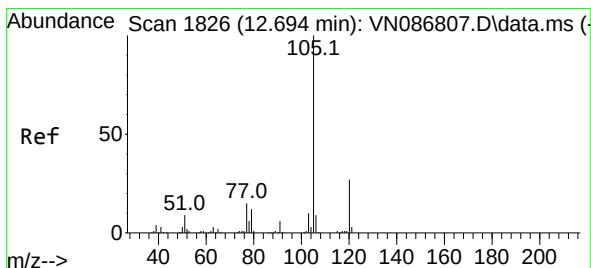
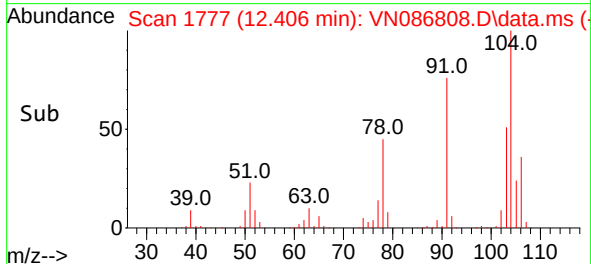
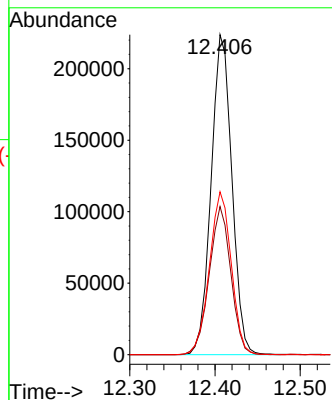
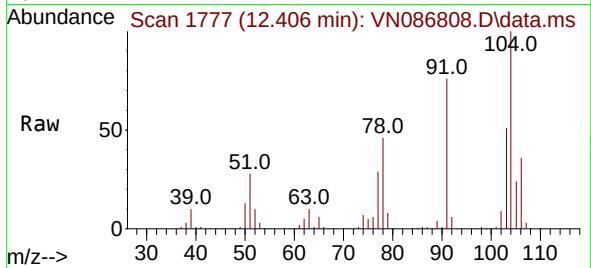




#69
Styrene
Concen: 51.108 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

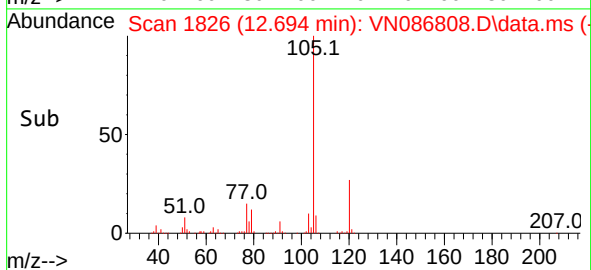
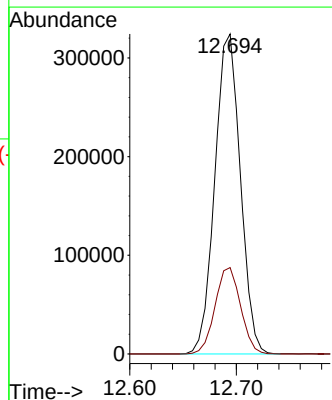
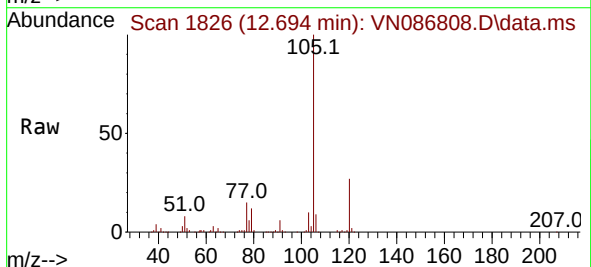
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

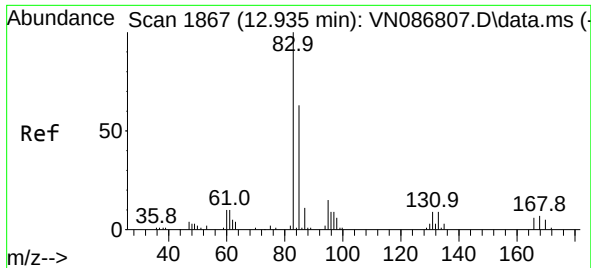
Tgt Ion:104 Resp: 379629
Ion Ratio Lower Upper
104 100
78 48.2 38.6 57.8
103 53.6 43.2 64.8



#70
Isopropylbenzene
Concen: 50.838 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:105 Resp: 539101
Ion Ratio Lower Upper
105 100
120 26.9 19.0 35.2

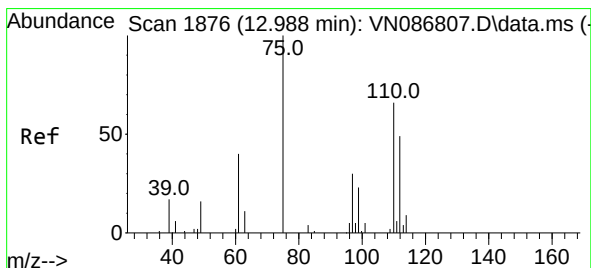
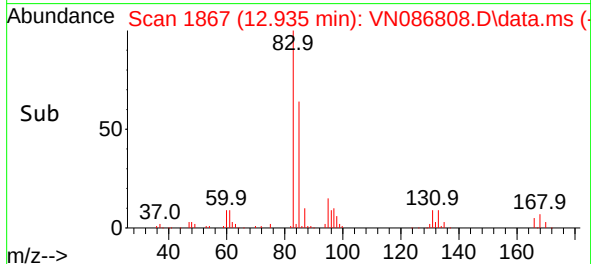
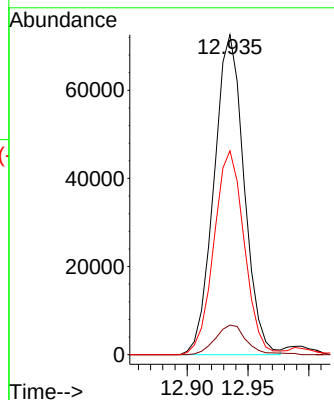
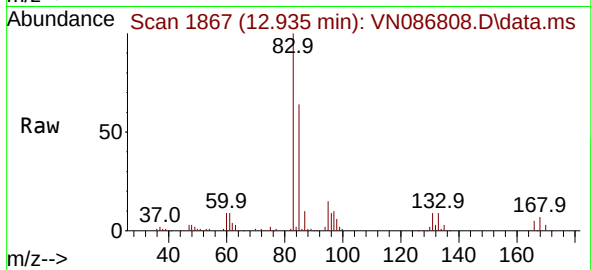




#71
 1,1,2,2-Tetrachloroethane
 Concen: 49.545 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN086808.D
 Acq: 29 May 2025 11:44

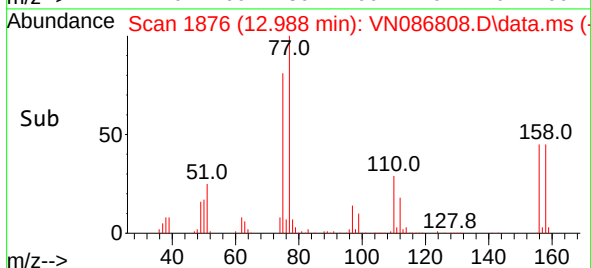
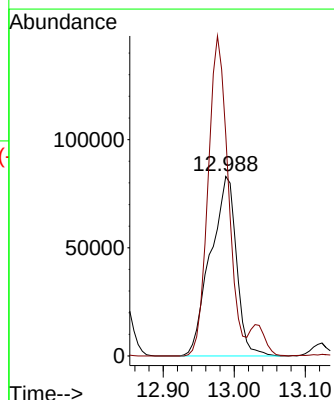
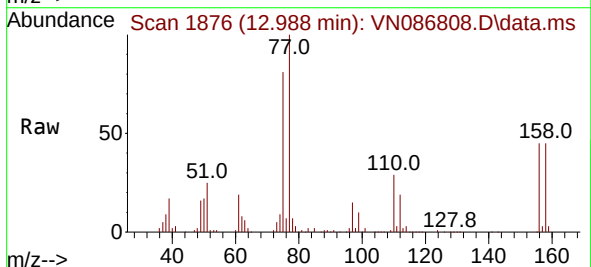
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

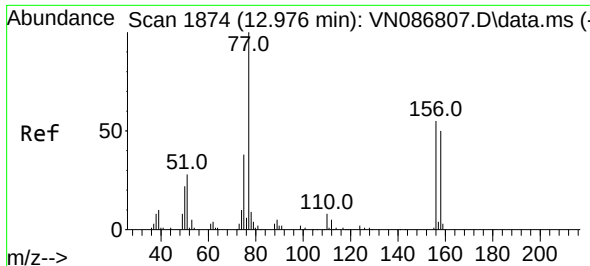
Tgt Ion: 83 Resp: 124913
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.0 15.0
 85 64.2 32.6 97.7



#72
 1,2,3-Trichloropropane
 Concen: 67.814 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN086808.D
 Acq: 29 May 2025 11:44

Tgt Ion: 75 Resp: 210633
 Ion Ratio Lower Upper
 75 100
 77 138.3 0.0 390.6

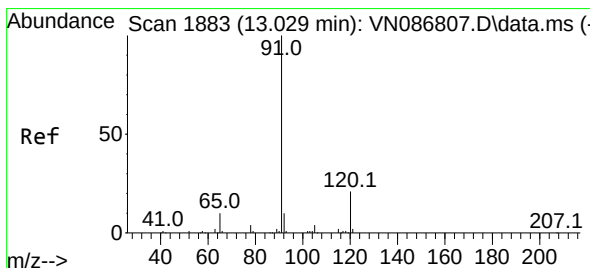
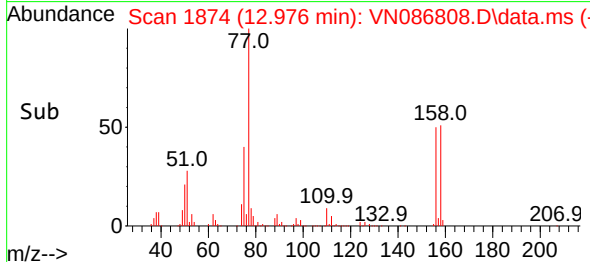
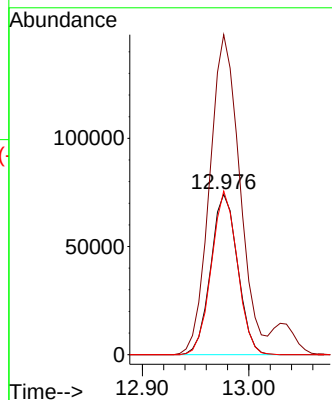
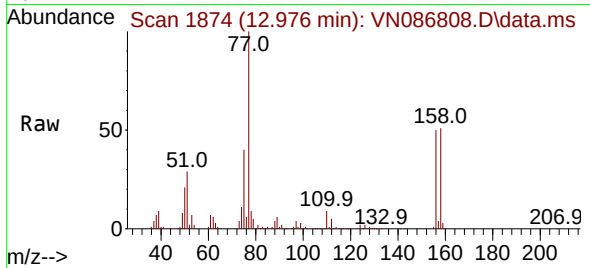




#73
Bromobenzene
Concen: 49.356 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

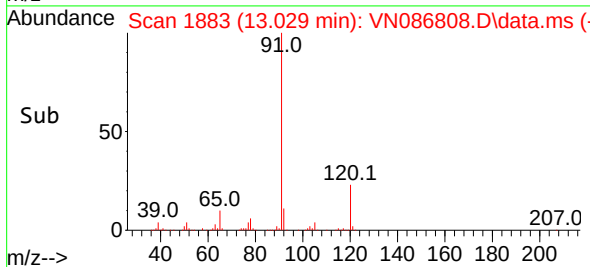
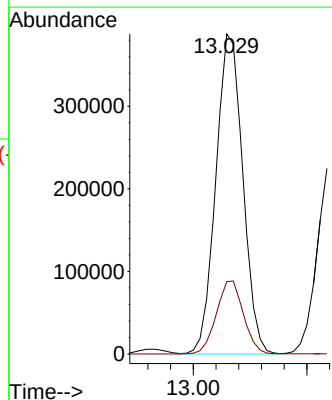
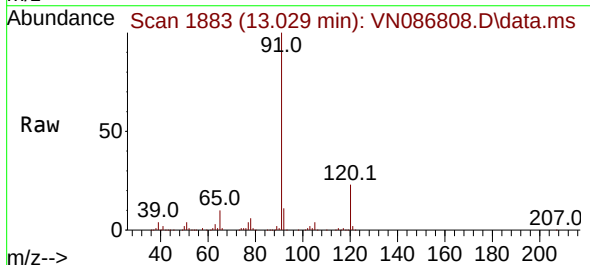
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

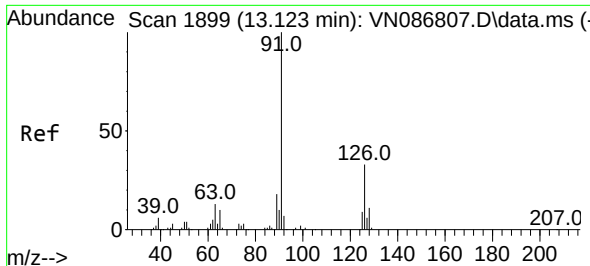
Tgt Ion:156 Resp: 130087
Ion Ratio Lower Upper
156 100
77 224.0 0.0 442.0
158 98.3 0.0 191.8



#74
n-propylbenzene
Concen: 50.865 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 91 Resp: 638895
Ion Ratio Lower Upper
91 100
120 22.9 0.0 45.6

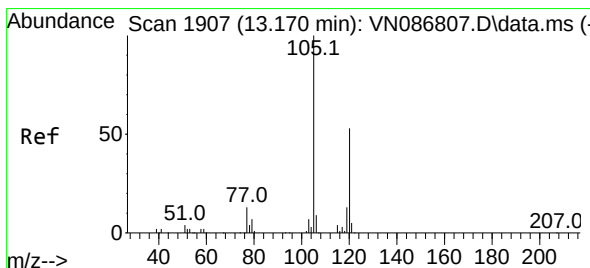
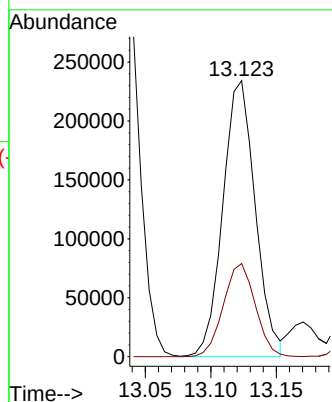
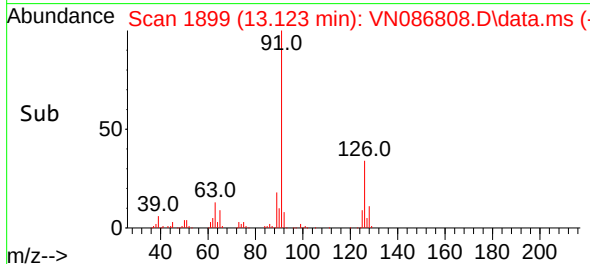
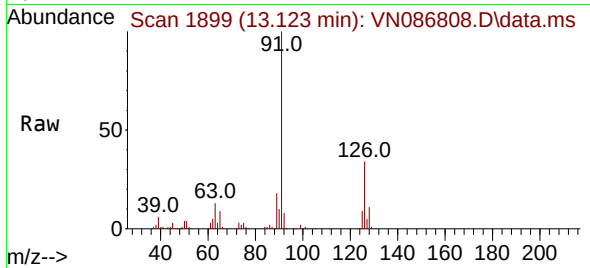




#75
2-Chlorotoluene
Concen: 49.997 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

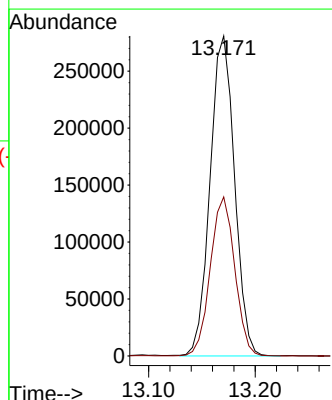
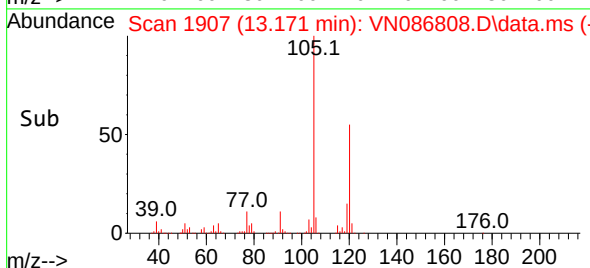
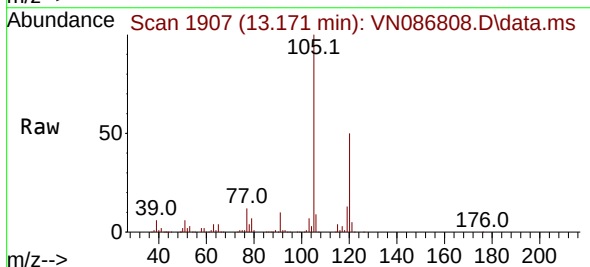
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

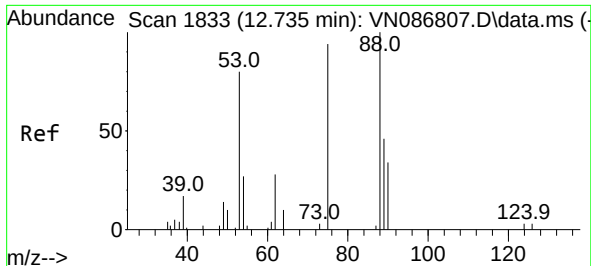
Tgt Ion: 91 Resp: 403077
Ion Ratio Lower Upper
91 100
126 33.2 0.0 64.4



#76
1,3,5-Trimethylbenzene
Concen: 50.822 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:105 Resp: 448336
Ion Ratio Lower Upper
105 100
120 49.6 0.0 101.4

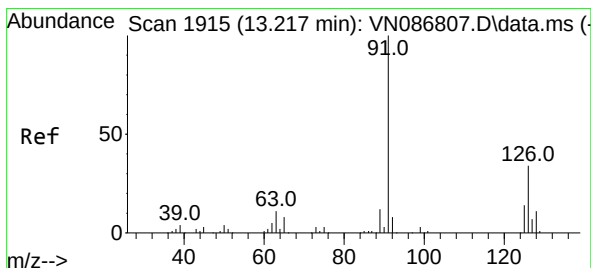
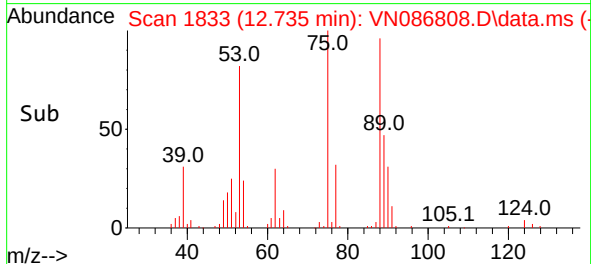
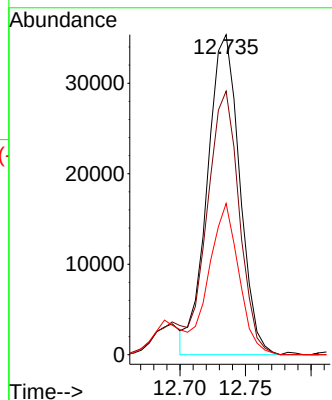
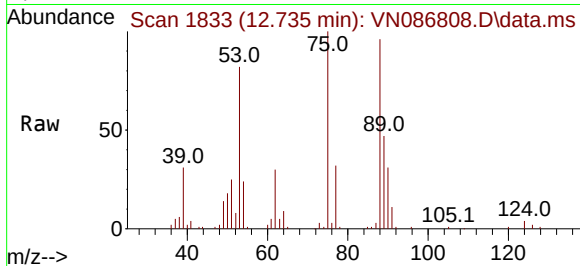




#77
t-1,4-Dichloro-2-butene
Concen: 50.172 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

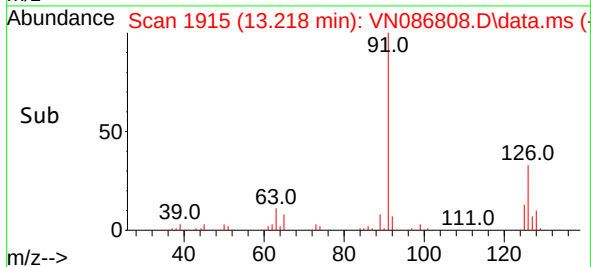
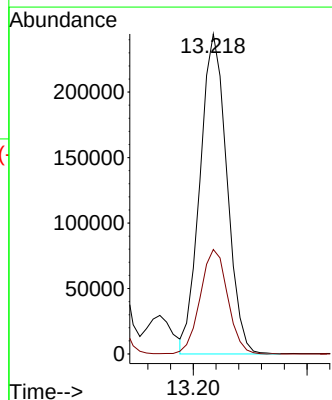
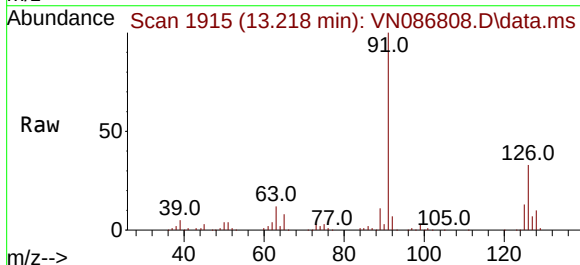
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

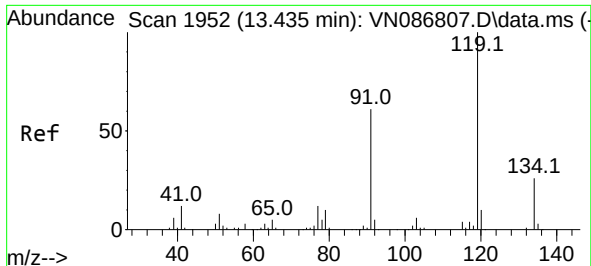
Tgt Ion: 75 Resp: 60669
Ion Ratio Lower Upper
75 100
53 82.4 43.0 128.8
89 47.3 25.4 76.2



#78
4-Chlorotoluene
Concen: 50.207 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 91 Resp: 400961
Ion Ratio Lower Upper
91 100
126 33.2 0.0 66.6

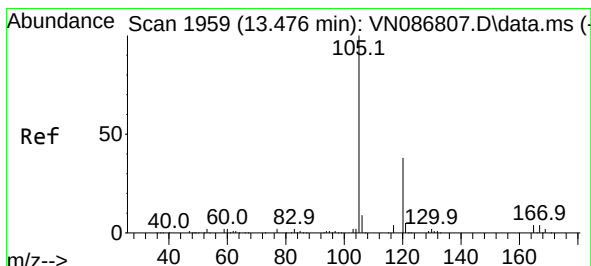
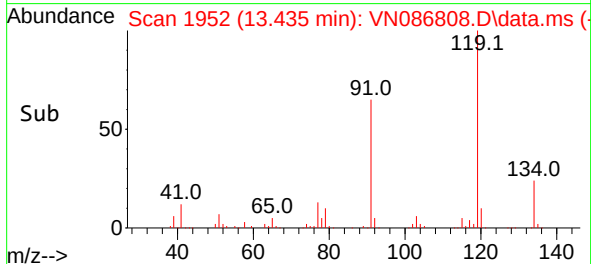
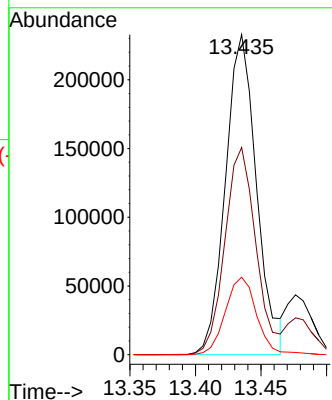
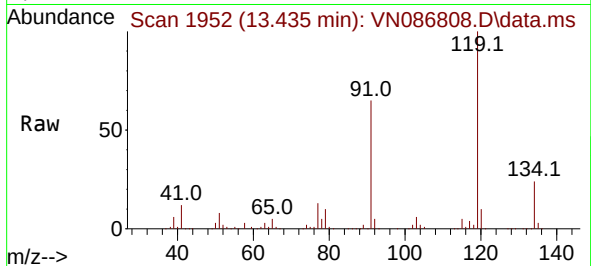




#79
tert-butylbenzene
Concen: 50.435 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

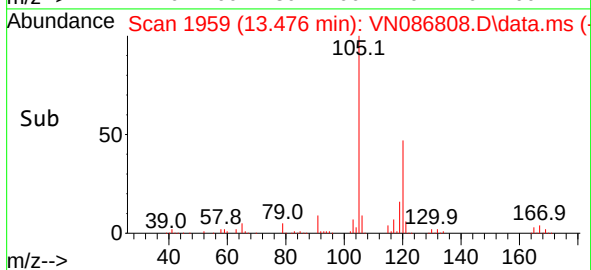
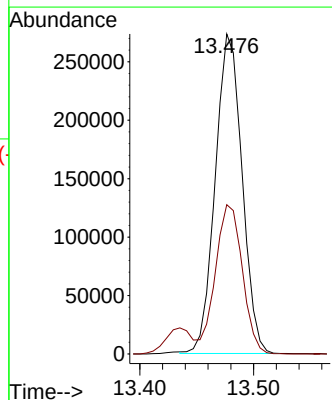
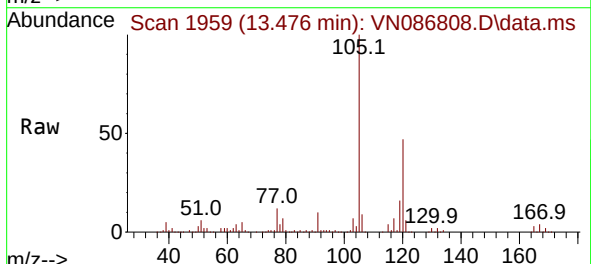
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

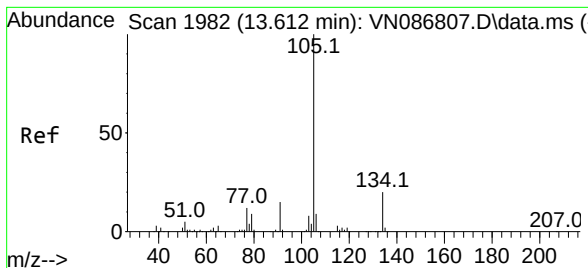
Tgt Ion:119 Resp: 384679
Ion Ratio Lower Upper
119 100
91 64.5 0.0 130.4
134 24.4 0.0 50.6



#80
1,2,4-Trimethylbenzene
Concen: 50.588 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:105 Resp: 447950
Ion Ratio Lower Upper
105 100
120 47.5 0.0 92.2





#81

sec-Butylbenzene

Concen: 50.934 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN086808.D

Acq: 29 May 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

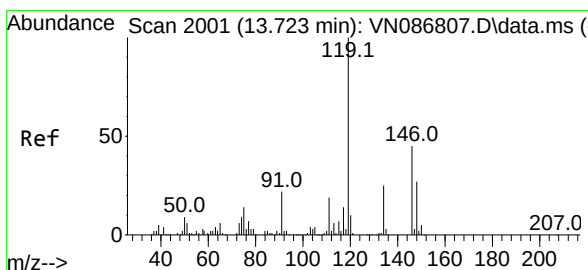
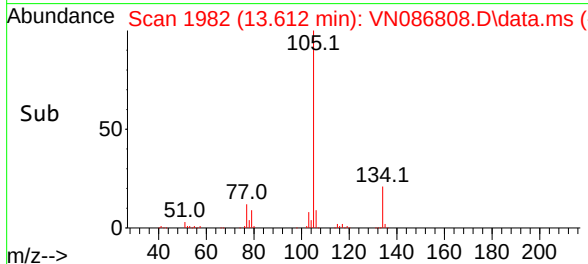
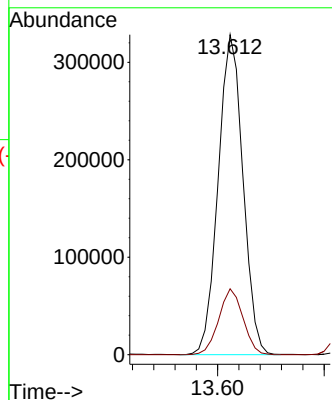
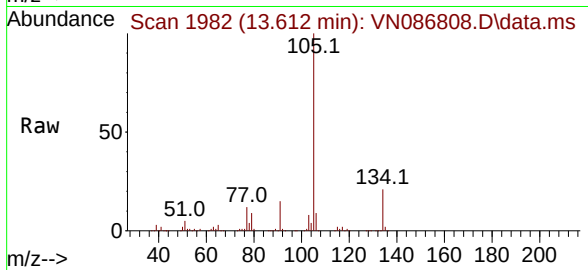
VSTDIC050

Tgt Ion:105 Resp: 529243

Ion Ratio Lower Upper

105 100

134 20.1 0.0 40.0



#82

p-Isopropyltoluene

Concen: 51.162 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VN086808.D

Acq: 29 May 2025 11:44

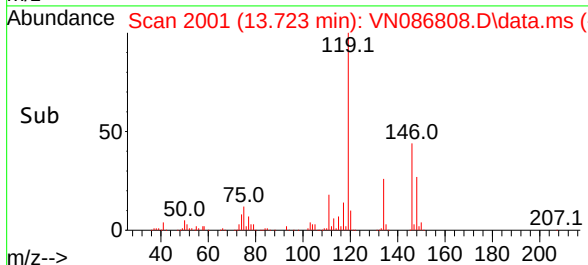
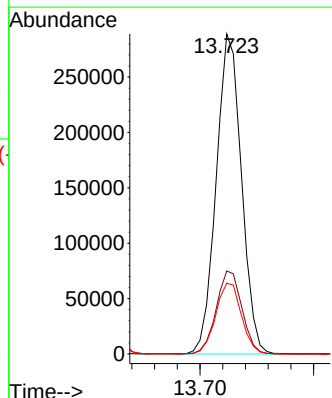
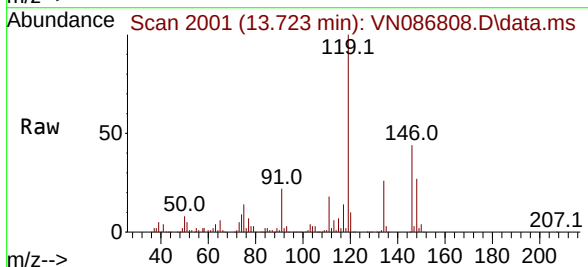
Tgt Ion:119 Resp: 446383

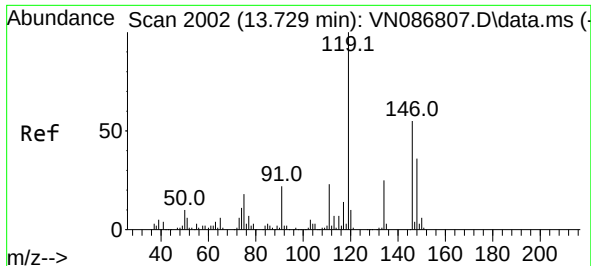
Ion Ratio Lower Upper

119 100

134 26.3 0.0 51.8

91 22.6 0.0 45.2

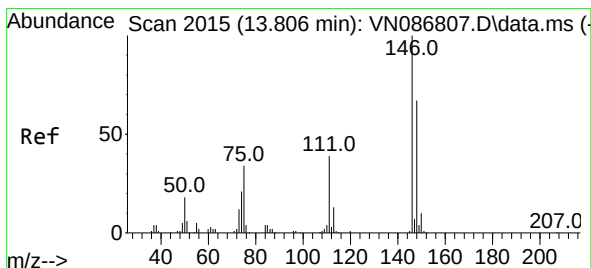
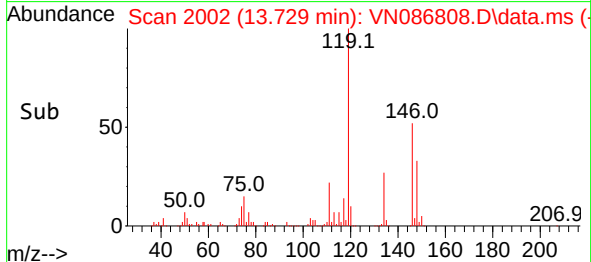
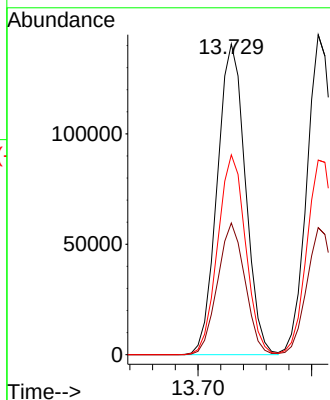
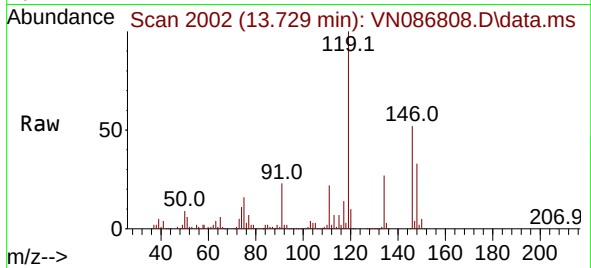




#83
1,3-Dichlorobenzene
Concen: 50.165 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

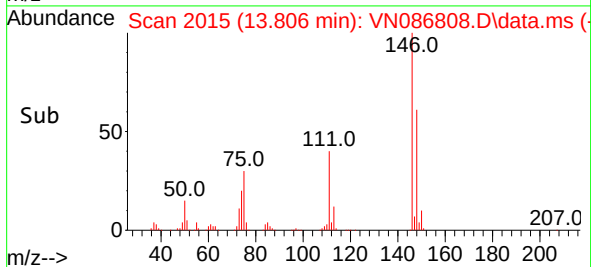
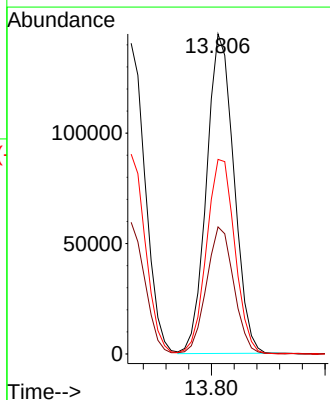
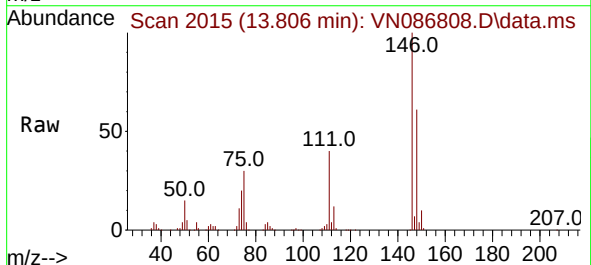
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

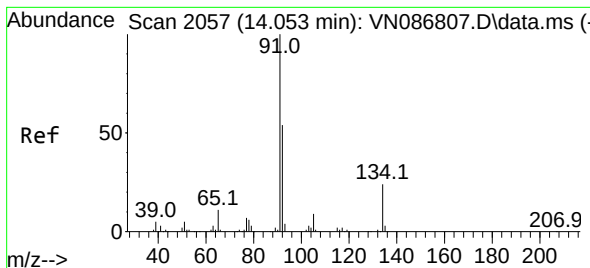
Tgt Ion:146 Resp: 242562
Ion Ratio Lower Upper
146 100
111 41.3 21.1 63.1
148 63.6 32.1 96.5



#84
1,4-Dichlorobenzene
Concen: 50.277 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:146 Resp: 241927
Ion Ratio Lower Upper
146 100
111 39.8 19.8 59.4
148 63.1 31.9 95.5





#85

n-Butylbenzene

Concen: 51.309 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086808.D

Acq: 29 May 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

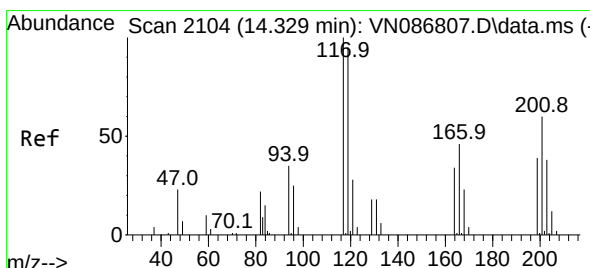
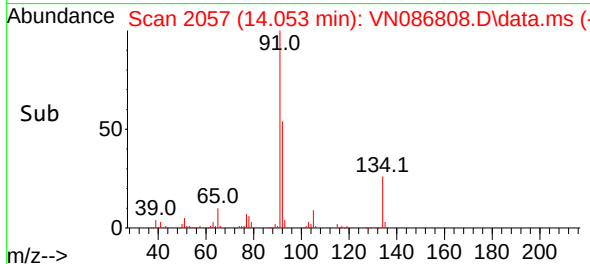
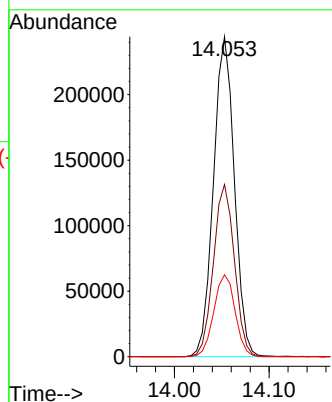
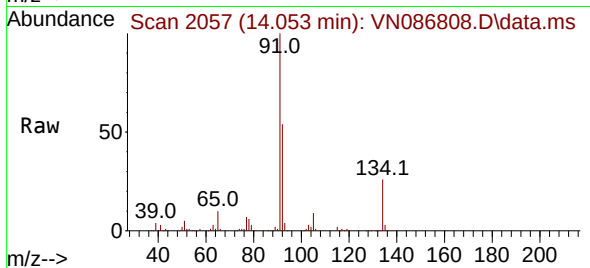
Tgt Ion: 91 Resp: 374782

Ion Ratio Lower Upper

91 100

92 54.0 0.0 107.6

134 26.1 0.0 50.0



#86

Hexachloroethane

Concen: 49.370 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN086808.D

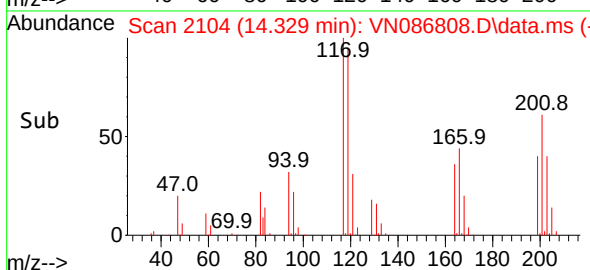
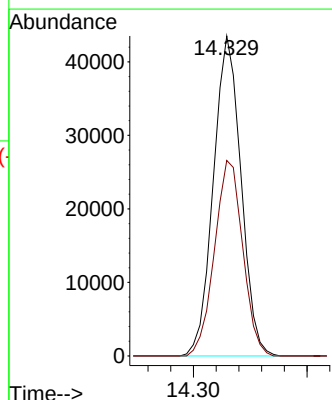
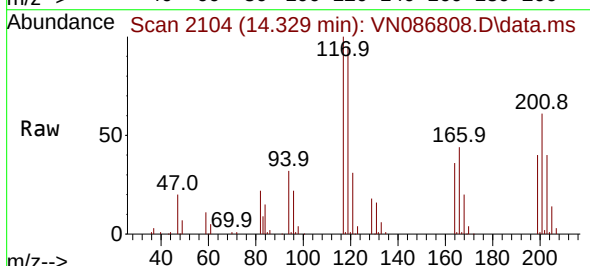
Acq: 29 May 2025 11:44

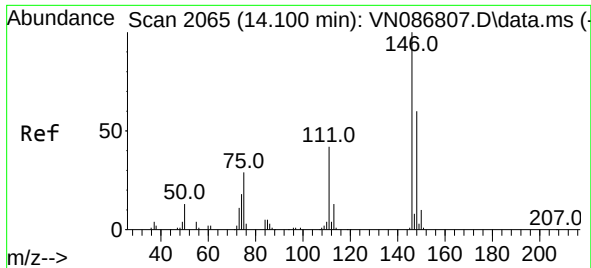
Tgt Ion: 117 Resp: 73414

Ion Ratio Lower Upper

117 100

201 62.5 31.4 94.3

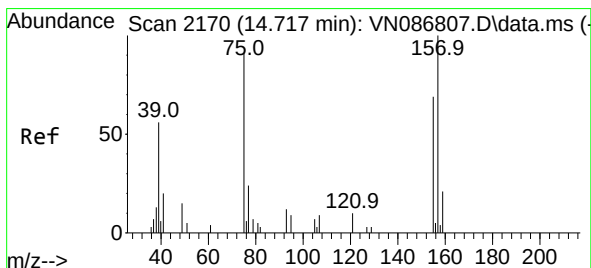
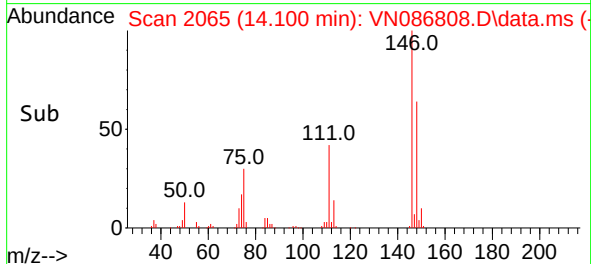
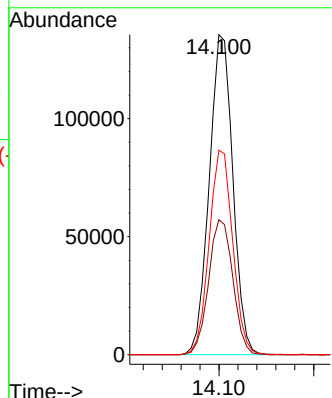
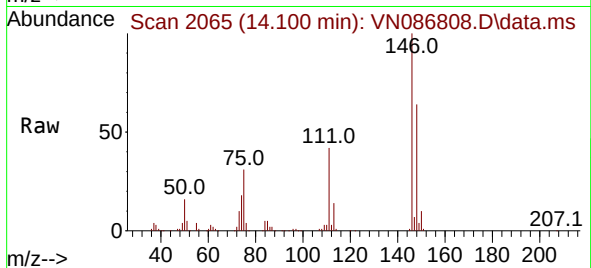




#87
1,2-Dichlorobenzene
Concen: 50.345 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

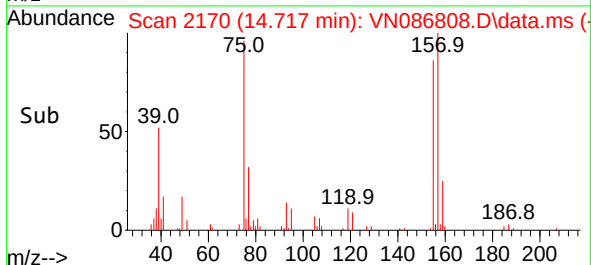
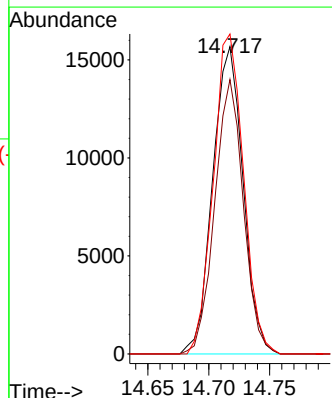
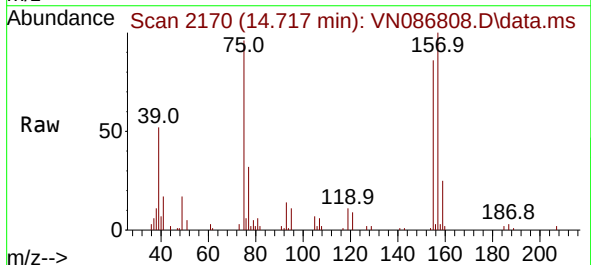
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

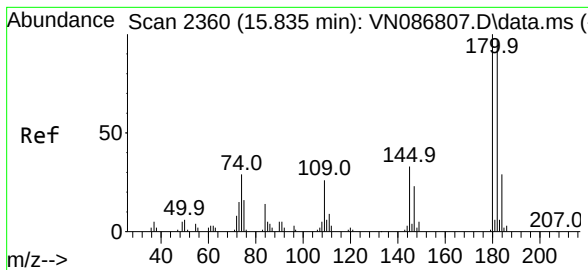
Tgt Ion:146 Resp: 234825
Ion Ratio Lower Upper
146 100
111 43.2 21.6 64.8
148 63.8 31.6 94.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 51.194 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 75 Resp: 27180
Ion Ratio Lower Upper
75 100
155 84.3 62.9 94.3
157 103.6 84.0 126.0

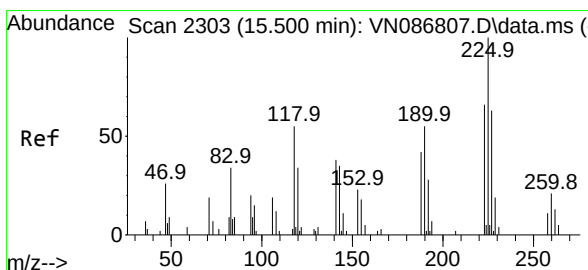
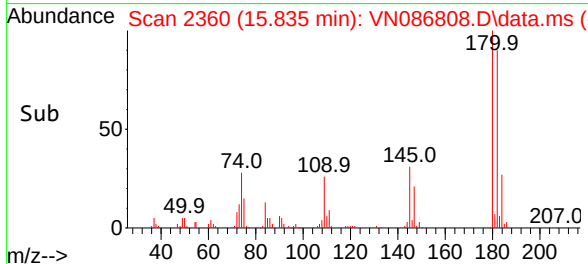
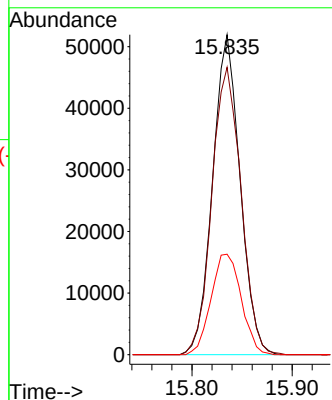
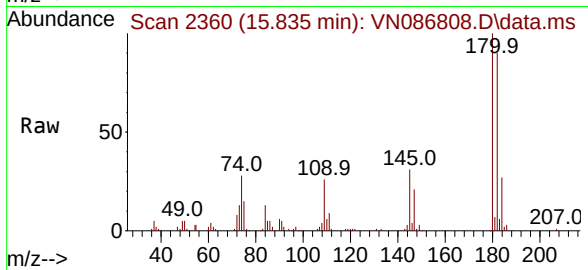




#89
 1,2,4-Trichlorobenzene
 Concen: 50.620 ug/l
 RT: 15.835 min Scan# 2360
 Delta R.T. 0.000 min
 Lab File: VN086808.D
 Acq: 29 May 2025 11:44

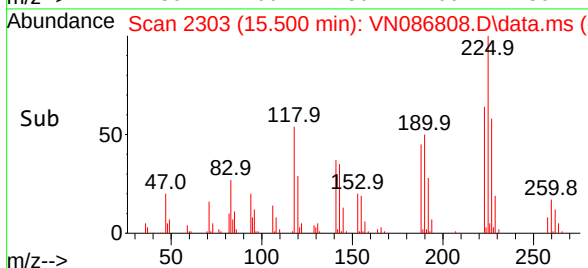
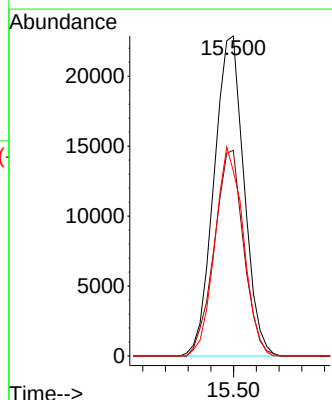
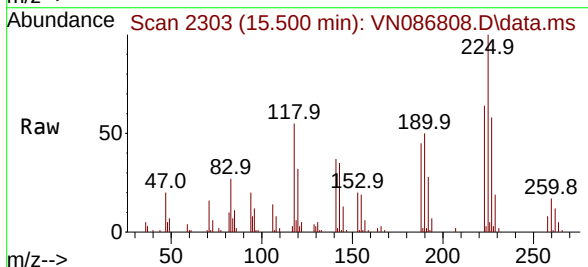
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

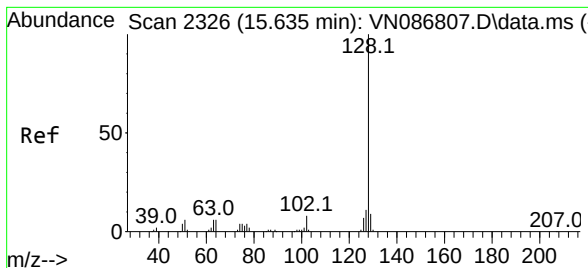
Tgt Ion:180 Resp: 98812
 Ion Ratio Lower Upper
 180 100
 182 95.4 78.2 117.2
 145 34.5 28.0 42.0



#90
 Hexachlorobutadiene
 Concen: 50.179 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN086808.D
 Acq: 29 May 2025 11:44

Tgt Ion:225 Resp: 41982
 Ion Ratio Lower Upper
 225 100
 223 63.0 0.0 135.8
 227 61.8 0.0 125.0

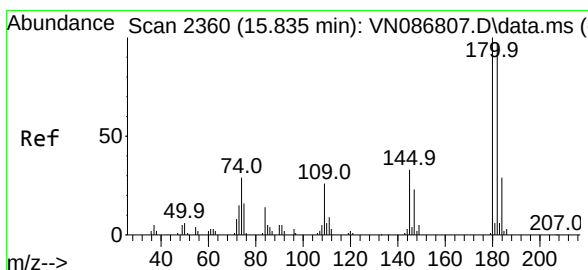
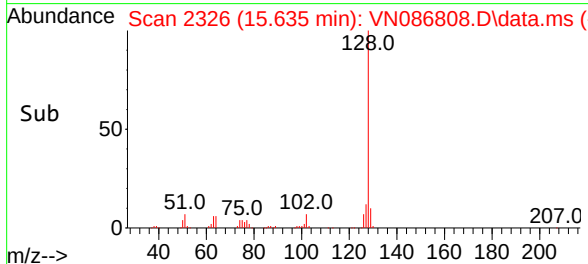
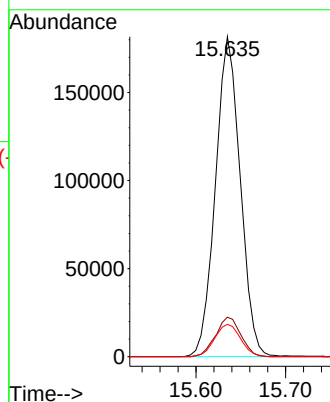
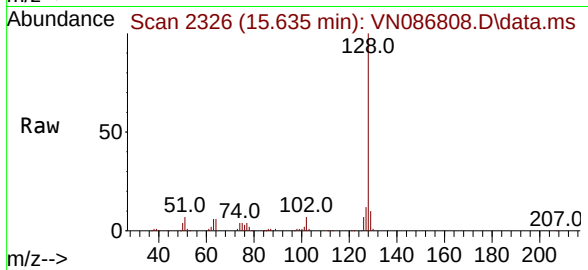




#91
Naphthalene
Concen: 51.156 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:128 Resp: 348415
Ion Ratio Lower Upper
128 100
127 12.6 9.8 14.6
129 10.6 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 50.620 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:180 Resp: 98812
Ion Ratio Lower Upper
180 100
182 95.4 0.0 195.4
145 34.5 0.0 70.0

