

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
 Data File : VN087043.D
 Acq On : 16 Jun 2025 19:28
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 17 07:29:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	155923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	284897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	125100	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	104766	50.184	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.360%	
35) Dibromofluoromethane	8.177	113	92049	54.520	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.040%	
50) Toluene-d8	10.570	98	338491	50.644	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.280%	
62) 4-Bromofluorobenzene	12.847	95	129172	52.018	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.153	85	98592	63.417	ug/l	99
3) Chloromethane	2.400	50	105276	52.440	ug/l	100
4) Vinyl Chloride	2.553	62	135080	65.228	ug/l	99
5) Bromomethane	2.995	94	55413	47.816	ug/l	94
6) Chloroethane	3.159	64	85933	64.240	ug/l	96
7) Trichlorofluoromethane	3.530	101	172255	63.664	ug/l	95
8) Diethyl Ether	3.983	74	73075	61.987	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.400	101	106410	62.598	ug/l	99
10) Methyl Iodide	4.618	142	45790	20.779	ug/l	94
11) Tert butyl alcohol	5.536	59	154801	273.278	ug/l	99
12) 1,1-Dichloroethene	4.371	96	109355	63.012	ug/l	93
13) Acrolein	4.206	56	55165	307.661	ug/l	99
14) Allyl chloride	5.047	41	159563	55.439	ug/l	95
15) Acrylonitrile	5.736	53	379035	286.276	ug/l	99
16) Acetone	4.447	43	288613	260.695	ug/l	98
17) Carbon Disulfide	4.741	76	321916	67.059	ug/l	99
18) Methyl Acetate	5.047	43	156892	48.630	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	370525	58.966	ug/l	99
20) Methylene Chloride	5.300	84	122977	59.333	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	115675	59.909	ug/l	95
22) Diisopropyl ether	6.683	45	348771	57.487	ug/l	97
23) Vinyl Acetate	6.618	43	1520422	296.615	ug/l	97
24) 1,1-Dichloroethane	6.583	63	211794	60.661	ug/l	99
25) 2-Butanone	7.494	43	480307	266.905	ug/l	97
26) 2,2-Dichloropropane	7.506	77	168411	62.010	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	140773	60.962	ug/l	98
28) Bromochloromethane	7.824	49	86323	50.286	ug/l	95
29) Tetrahydrofuran	7.847	42	320170	273.119	ug/l	96
30) Chloroform	7.977	83	206173	59.131	ug/l	98
31) Cyclohexane	8.265	56	185751	54.860	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	175108	59.047	ug/l	99
36) 1,1-Dichloropropene	8.377	75	154852	61.551	ug/l	99
37) Ethyl Acetate	7.571	43	184817	57.707	ug/l	100
38) Carbon Tetrachloride	8.371	117	150156	60.793	ug/l	99
39) Methylcyclohexane	9.606	83	181779	52.739	ug/l	96
40) Benzene	8.612	78	492718	59.891	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	95085	52.865	ug/l	95
42) 1,2-Dichloroethane	8.677	62	146032	58.523	ug/l	100
43) Isopropyl Acetate	8.694	43	275397	53.576	ug/l	96
44) Trichloroethene	9.359	130	118881	60.942	ug/l	99
45) 1,2-Dichloropropane	9.623	63	117830	58.872	ug/l	100
46) Dibromomethane	9.712	93	82385	61.971	ug/l	99
47) Bromodichloromethane	9.888	83	163198	59.665	ug/l	98
48) Methyl methacrylate	9.682	41	127574	53.922	ug/l	96
49) 1,4-Dioxane	9.706	88	51326	1192.495	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	878114	283.766	ug/l	98
52) Toluene	10.629	92	305819	60.827	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	185452	60.634	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	198245	60.578	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	114449	59.161	ug/l	98
56) Ethyl methacrylate	10.882	69	193303	62.735	ug/l	93
57) 1,3-Dichloropropane	11.165	76	199012	59.302	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	465756	253.428	ug/l	99
59) 2-Hexanone	11.200	43	581793	291.878	ug/l	92
60) Dibromochloromethane	11.359	129	124788	61.912	ug/l	99
61) 1,2-Dibromoethane	11.470	107	120580	60.810	ug/l	99
64) Tetrachloroethene	11.106	164	94089	59.764	ug/l	92
65) Chlorobenzene	11.894	112	331573	60.434	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	104876	59.466	ug/l	98
67) Ethyl Benzene	11.965	91	558184	59.064	ug/l	98
68) m/p-Xylenes	12.070	106	445846	123.242	ug/l	98
69) o-Xylene	12.394	106	213602	61.650	ug/l	98
70) Styrene	12.412	104	362064	61.068	ug/l	100
71) Bromoform	12.576	173	83601	63.976	ug/l #	99
73) Isopropylbenzene	12.694	105	518565	56.900	ug/l	100
74) N-amyl acetate	12.512	43	167071	52.461	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	181226	58.697	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	236653	79.583	ug/l	72
77) Bromobenzene	12.982	156	127836	61.163	ug/l	96
78) n-propylbenzene	13.035	91	624715	56.405	ug/l	99
79) 2-Chlorotoluene	13.123	91	371883	55.989	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	430588	57.226	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	70379	54.481	ug/l	89
82) 4-Chlorotoluene	13.217	91	389388	57.939	ug/l	100
83) tert-Butylbenzene	13.435	119	366311	53.184	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	440310	58.356	ug/l	100
85) sec-Butylbenzene	13.611	105	529139	52.901	ug/l	100
86) p-Isopropyltoluene	13.729	119	444022	53.702	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	244846	59.542	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	246700	58.844	ug/l	100
89) n-Butylbenzene	14.053	91	398439	49.751	ug/l	99
90) Hexachloroethane	14.329	117	78071	55.705	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	232889	58.948	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	41172	55.760	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	131203	52.007	ug/l	98
94) Hexachlorobutadiene	15.494	225	40588	43.183	ug/l	98
95) Naphthalene	15.635	128	532416	56.699	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	126983	50.661	ug/l	98

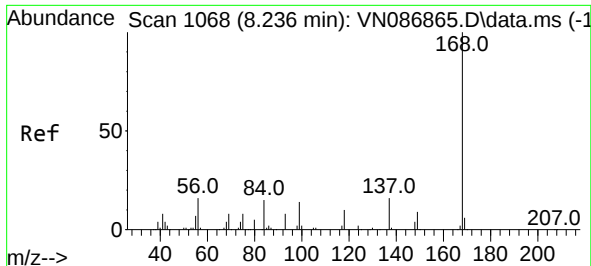
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Response via : Initial Calibration

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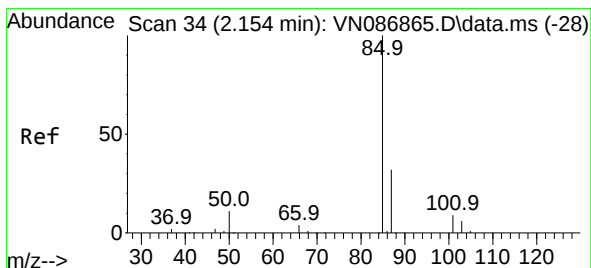
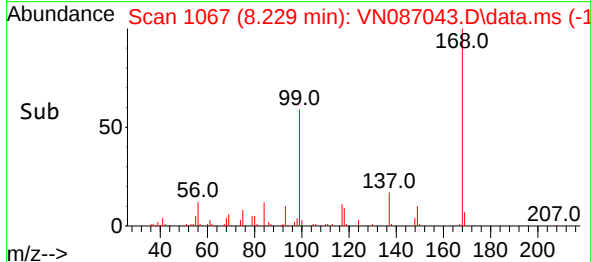
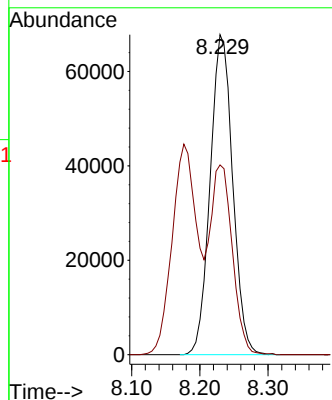
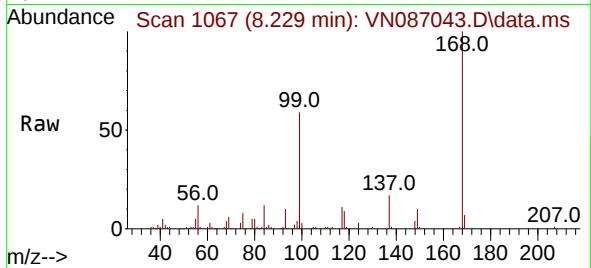
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.007 min
Lab File: VN087043.D
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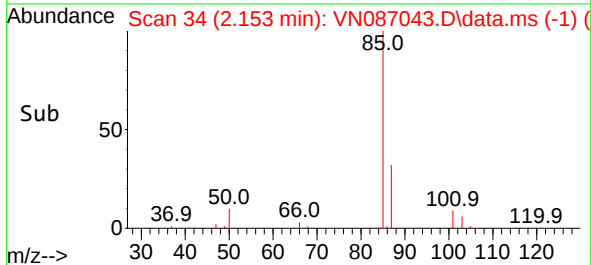
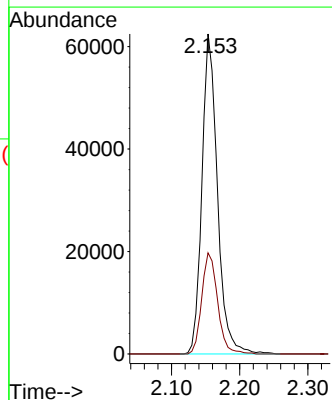
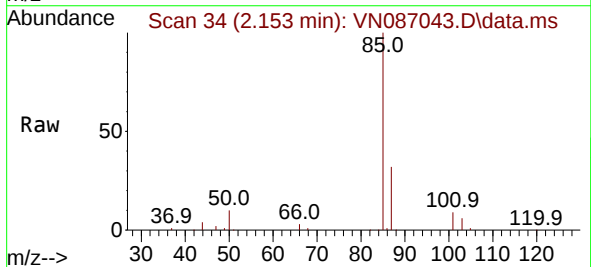
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 155923
Ion Ratio Lower Upper
168 100
99 59.3 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 63.417 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion: 85 Resp: 98592
Ion Ratio Lower Upper
85 100
87 31.6 16.2 48.6

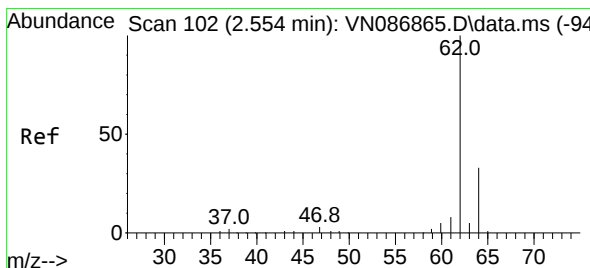
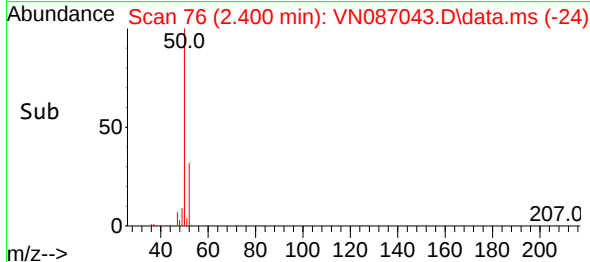
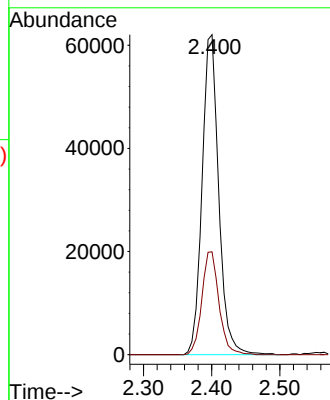
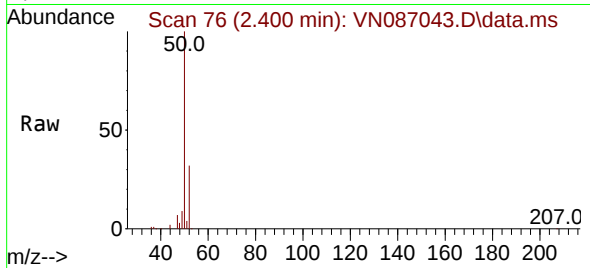




#3
Chloromethane
Concen: 52.440 ug/l
RT: 2.400 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

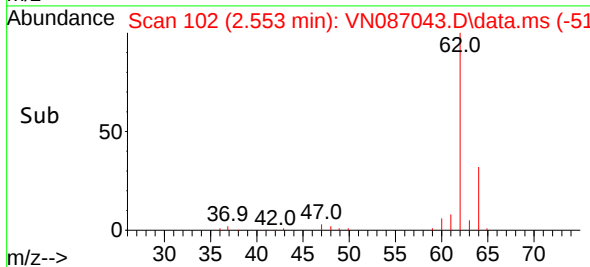
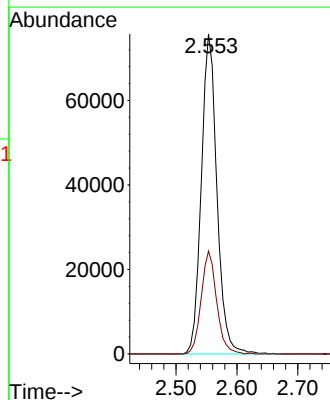
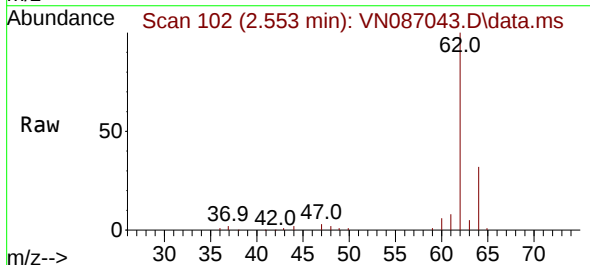
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ClientSampleId :
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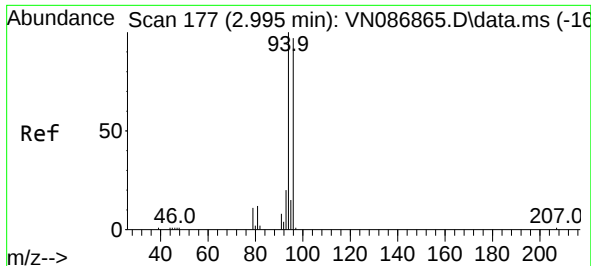
Tgt Ion: 50 Resp: 105276
Ion Ratio Lower Upper
50 100
52 32.2 25.7 38.5



#4
Vinyl Chloride
Concen: 65.228 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion: 62 Resp: 135080
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0

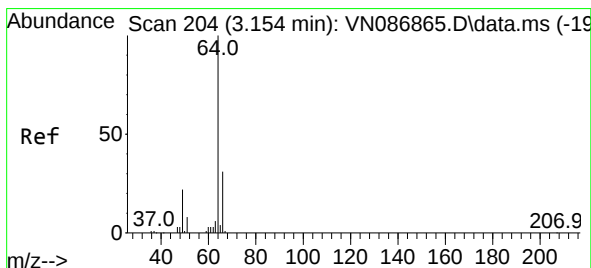
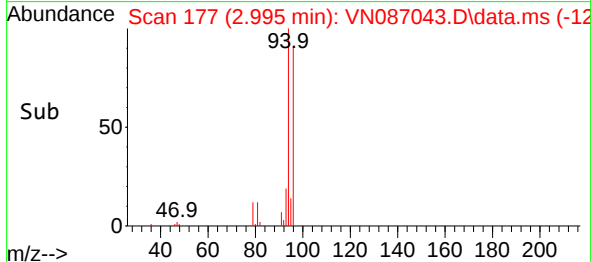
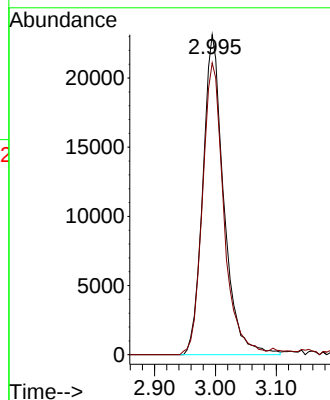
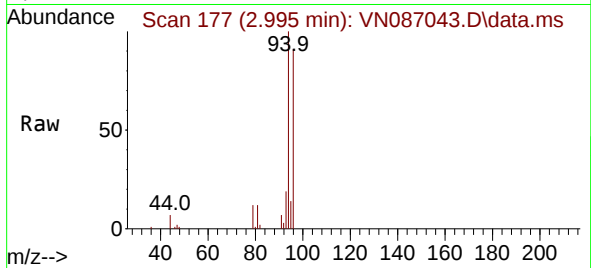




#5
Bromomethane
Concen: 47.816 ug/l
RT: 2.995 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

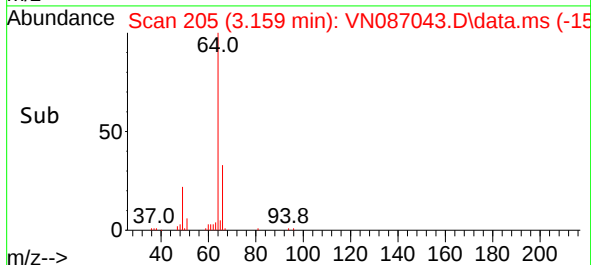
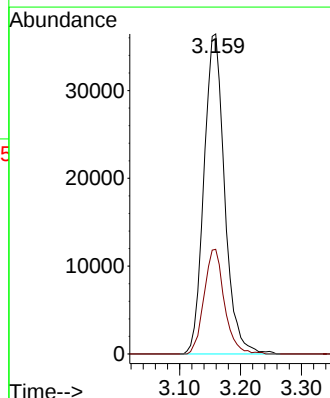
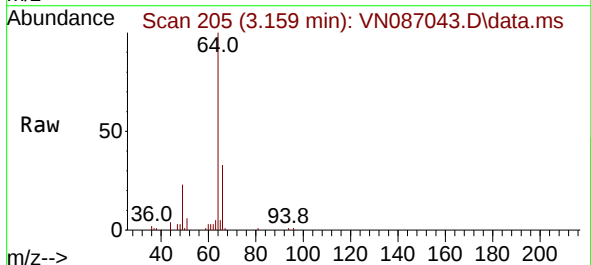
Instrument :
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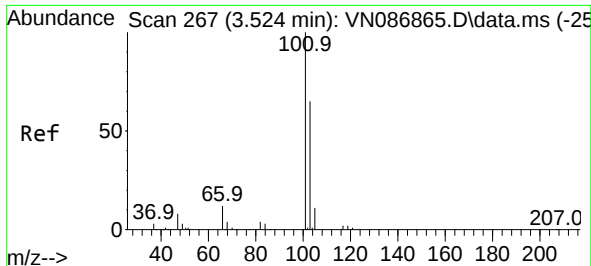
Tgt Ion: 94 Resp: 55413
Ion Ratio Lower Upper
94 100
96 91.2 77.9 116.9



#6
Chloroethane
Concen: 64.240 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion: 64 Resp: 85933
Ion Ratio Lower Upper
64 100
66 32.7 24.6 36.8

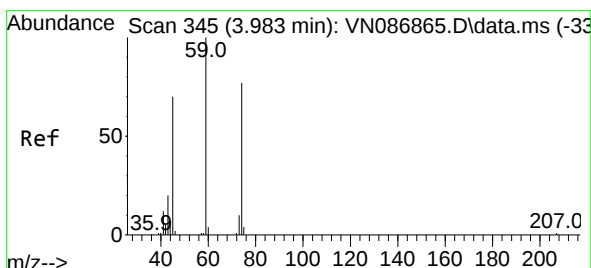
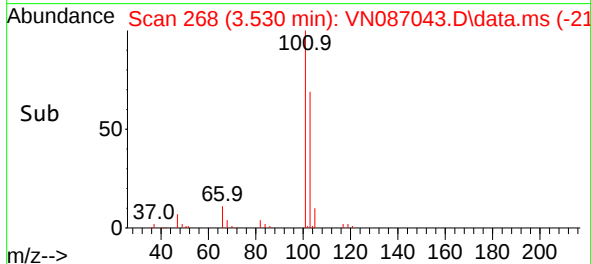
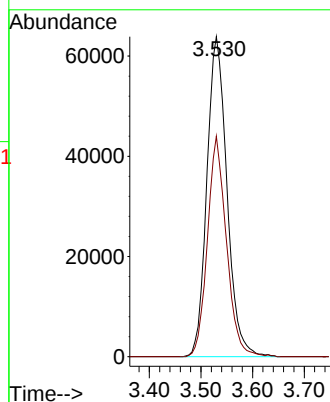
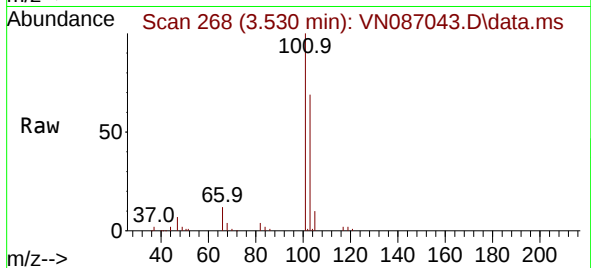




#7
 Trichlorofluoromethane
 Concen: 63.664 ug/l
 RT: 3.530 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087043.D
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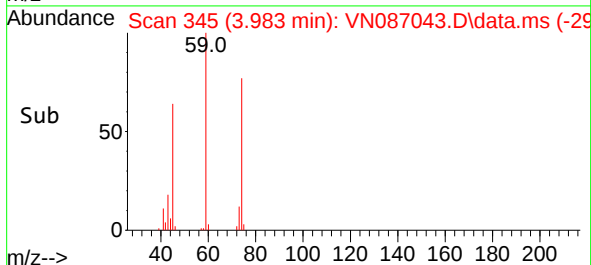
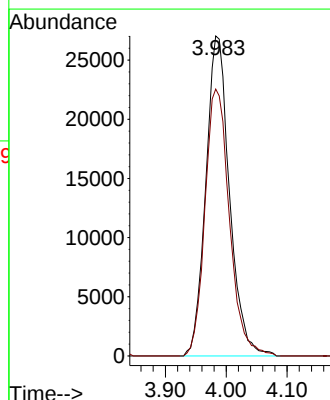
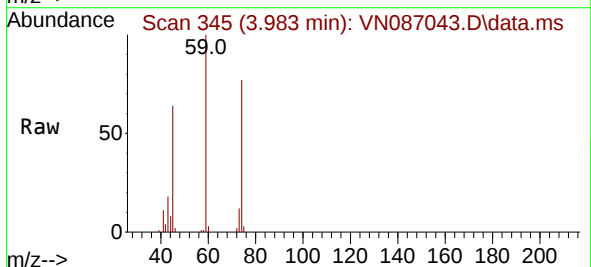
Instrument :
 MSVOA_N
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 VSTDCCC050EC

Tgt Ion:101 Resp: 172255
 Ion Ratio Lower Upper
 101 100
 103 68.9 52.2 78.2



#8
 Diethyl Ether
 Concen: 61.987 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN087043.D
 Acq: 16 Jun 2025 19:28

Tgt Ion: 74 Resp: 73075
 Ion Ratio Lower Upper
 74 100
 45 86.3 45.5 136.5

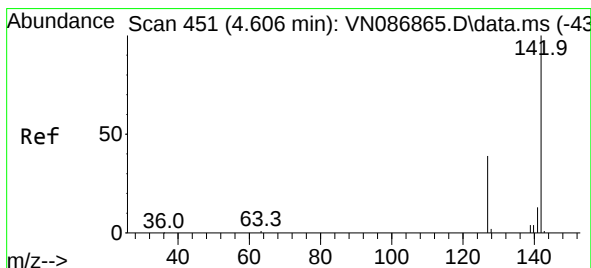
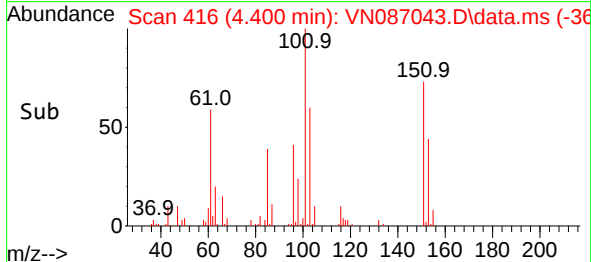
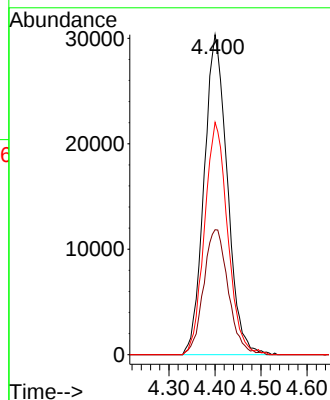
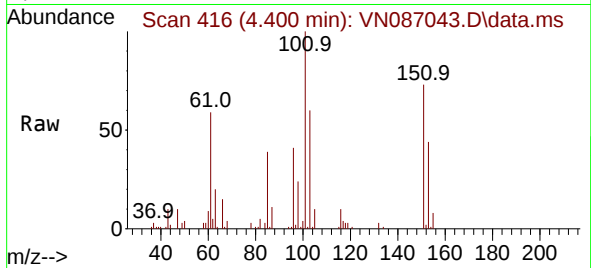




#9
1,1,2-Trichlorotrifluoroethane
Concen: 62.598 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

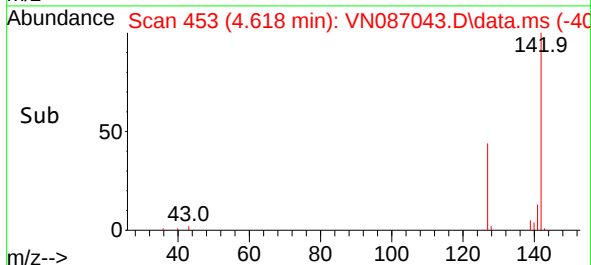
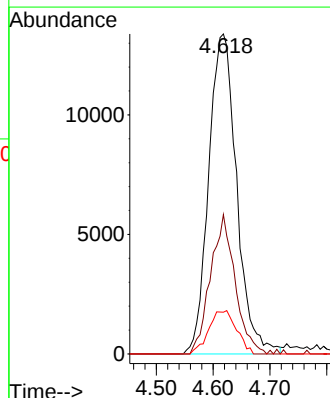
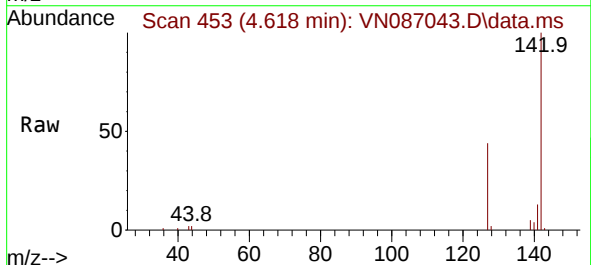
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Tgt Ion:101 Resp: 106410
Ion Ratio Lower Upper
101 100
85 41.4 33.8 50.8
151 72.4 58.7 88.1



#10
Methyl Iodide
Concen: 20.779 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion:142 Resp: 45790
Ion Ratio Lower Upper
142 100
127 43.5 30.9 46.3
141 13.0 10.4 15.6

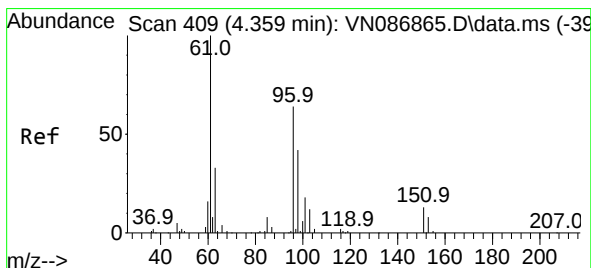
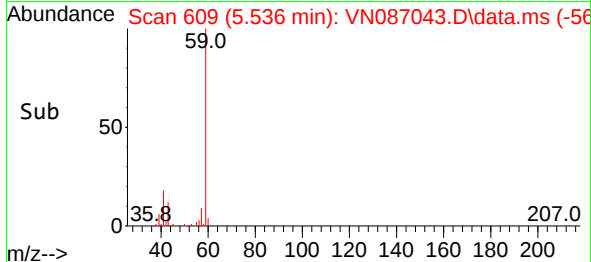
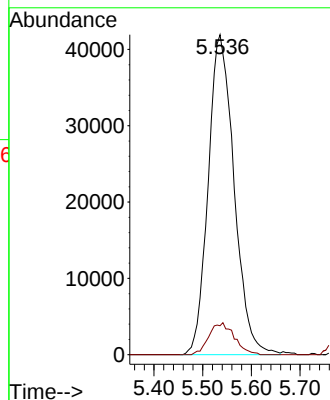
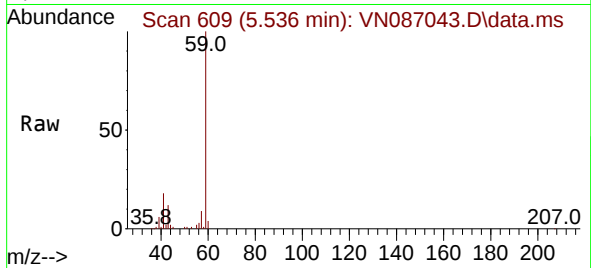




#11
Tert butyl alcohol
Concen: 273.278 ug/l
RT: 5.536 min Scan# 611
Delta R.T. -0.012 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

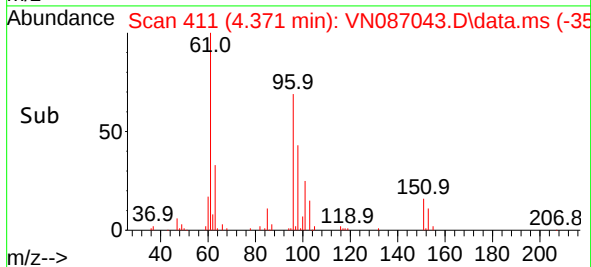
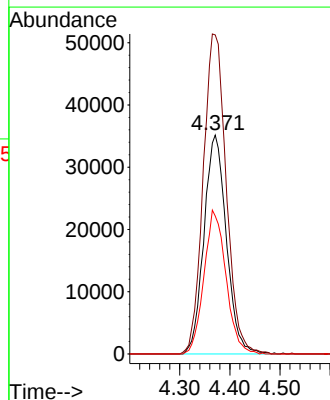
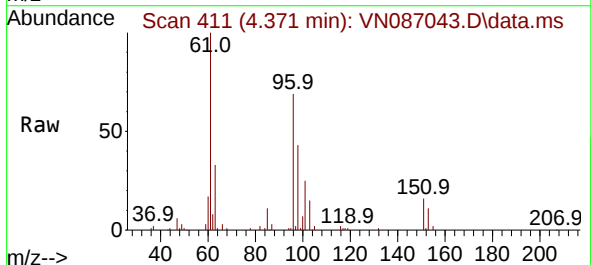
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

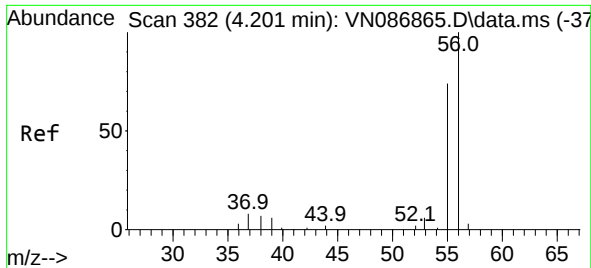
Tgt Ion: 59 Resp: 154801
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1



#12
1,1-Dichloroethene
Concen: 63.012 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion: 96 Resp: 109355
Ion Ratio Lower Upper
96 100
61 145.8 125.8 188.6
98 63.0 52.5 78.7

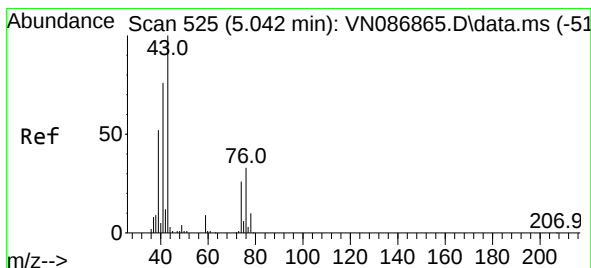
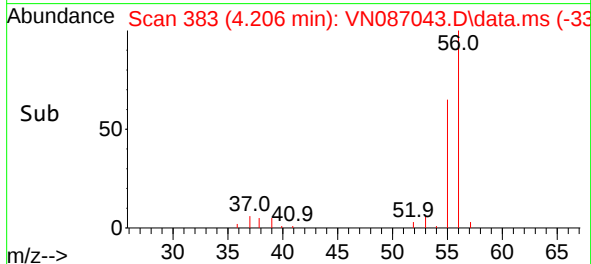
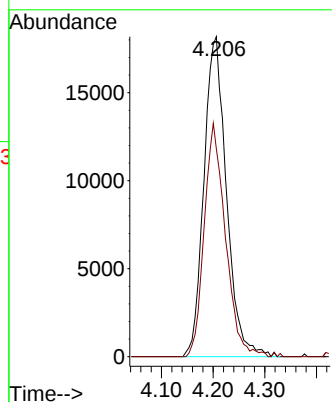
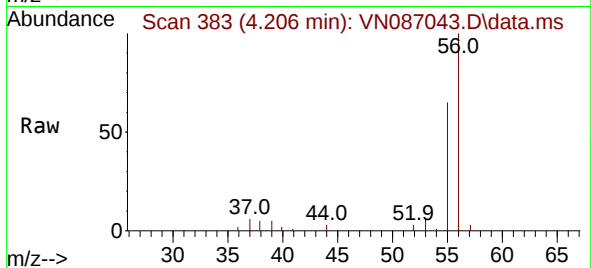




#13
Acrolein
Concen: 307.661 ug/l
RT: 4.206 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

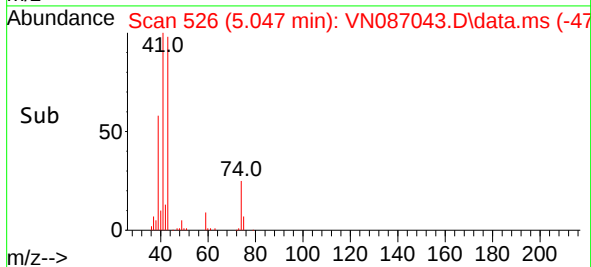
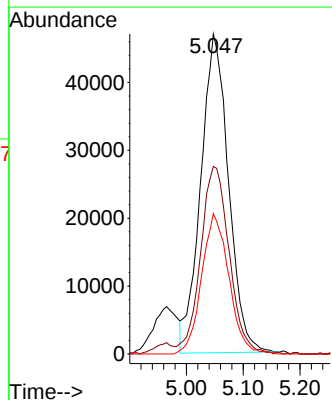
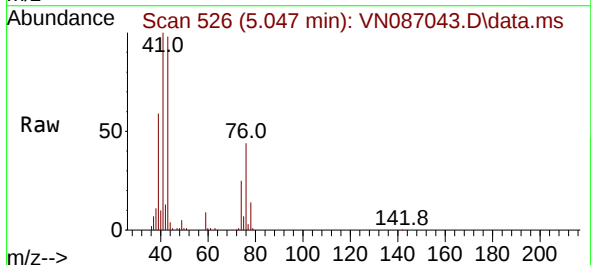
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 55165
Ion Ratio Lower Upper
56 100
55 68.6 55.6 83.4



#14
Allyl chloride
Concen: 55.439 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

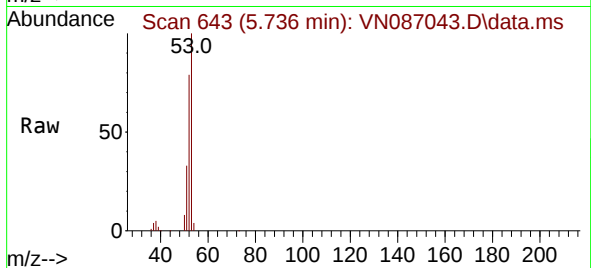
Tgt Ion: 41 Resp: 159563
Ion Ratio Lower Upper
41 100
39 60.6 51.3 76.9
76 43.2 31.4 47.0



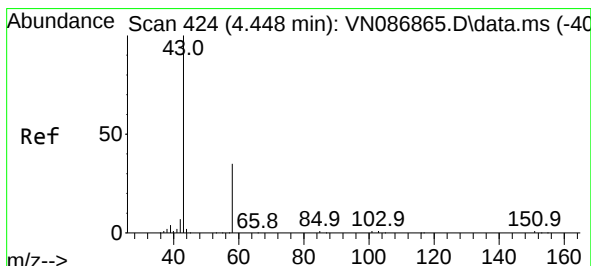
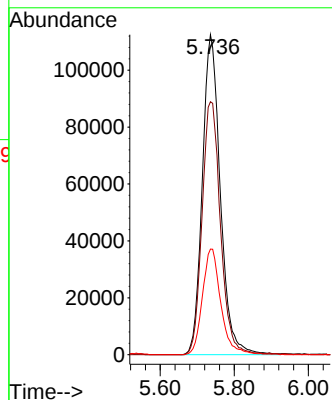
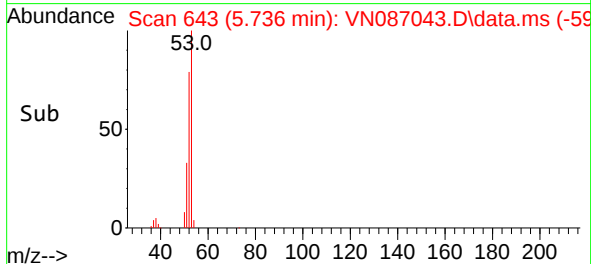


#15
Acrylonitrile
Concen: 286.276 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

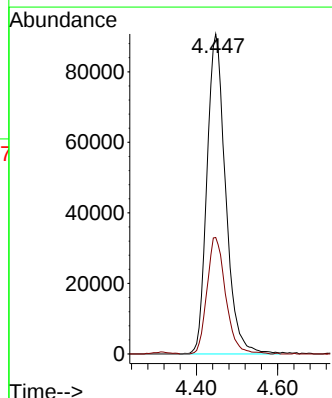
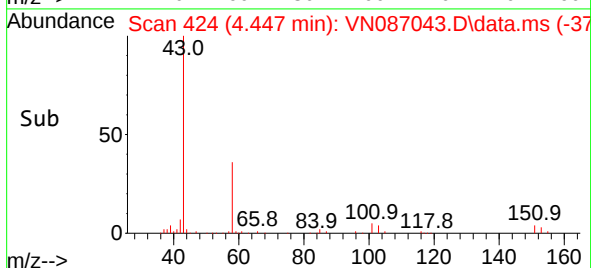
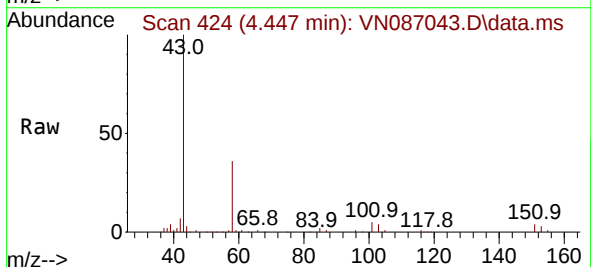


Tgt Ion: 53 Resp: 379035
Ion Ratio Lower Upper
53 100
52 80.8 65.0 97.6
51 33.8 27.2 40.8



#16
Acetone
Concen: 260.695 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion: 43 Resp: 288613
Ion Ratio Lower Upper
43 100
58 36.4 28.0 42.0





#17

Carbon Disulfide

Concen: 67.059 ug/l

RT: 4.741 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:28

Instrument :

MSVOA_N

ClientSampleId :

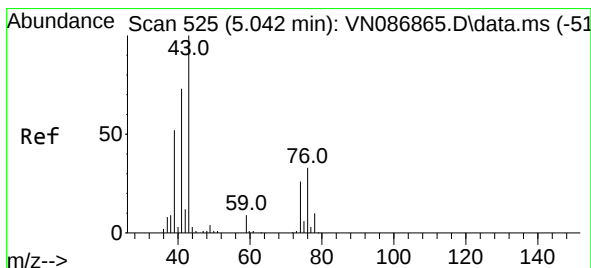
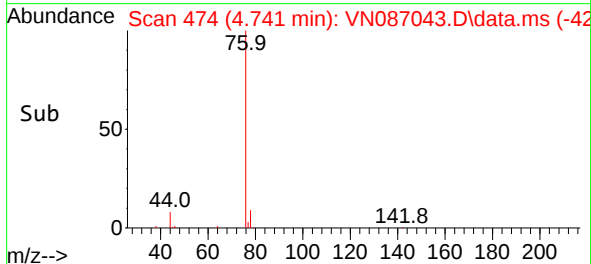
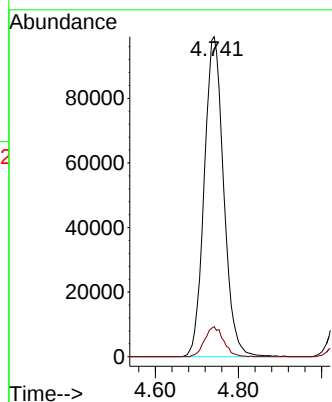
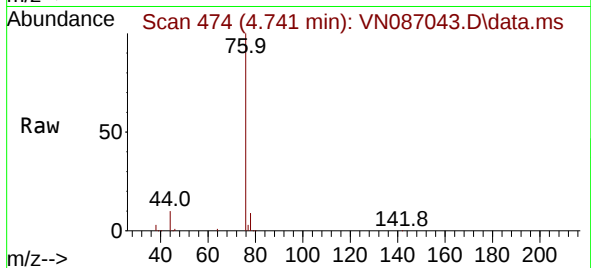
VSTDCCC050EC

Tgt Ion: 76 Resp: 321916

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



#18

Methyl Acetate

Concen: 48.630 ug/l

RT: 5.047 min Scan# 526

Delta R.T. 0.006 min

Lab File: VN087043.D

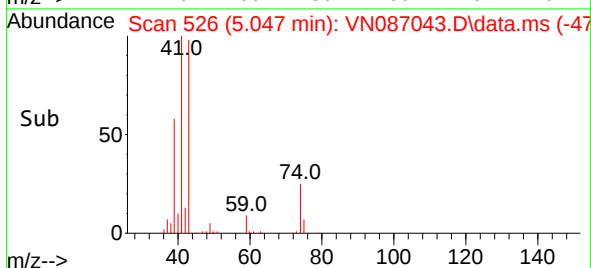
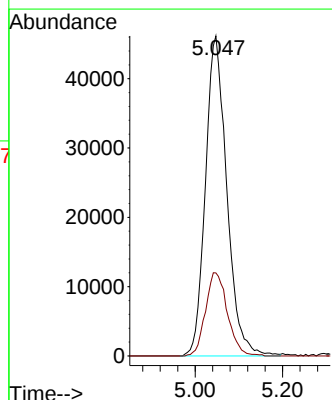
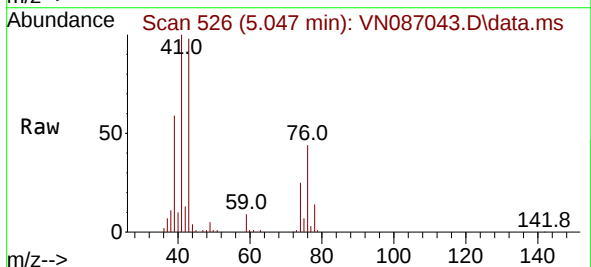
Acq: 16 Jun 2025 19:28

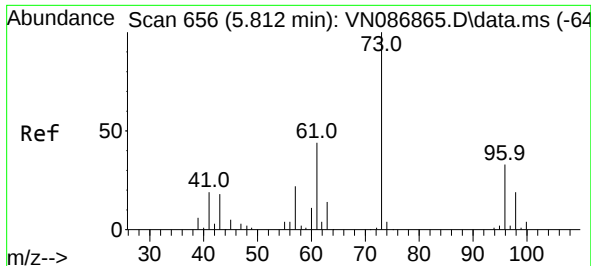
Tgt Ion: 43 Resp: 156892

Ion Ratio Lower Upper

43 100

74 26.7 20.7 31.1

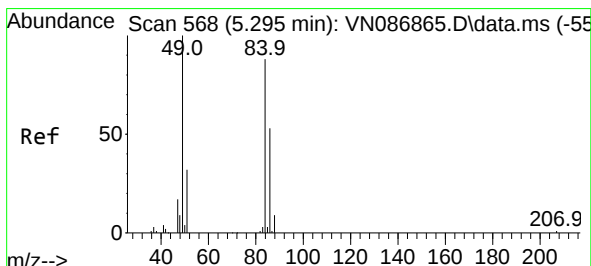
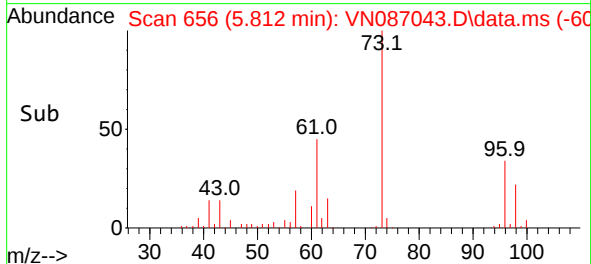
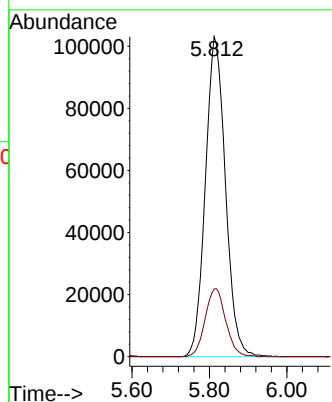
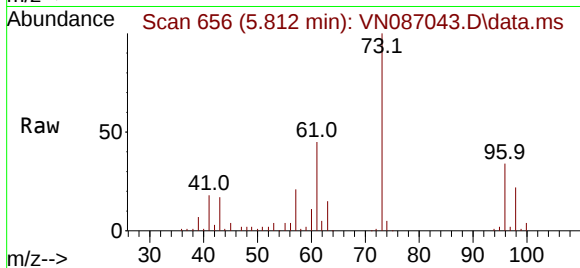




#19
Methyl tert-butyl Ether
Concen: 58.966 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

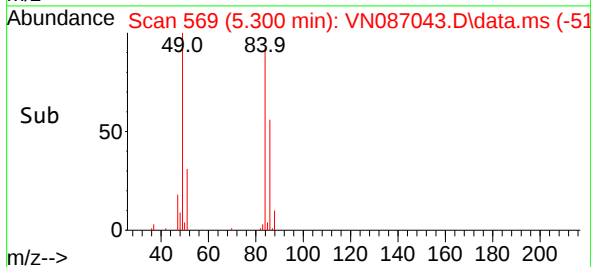
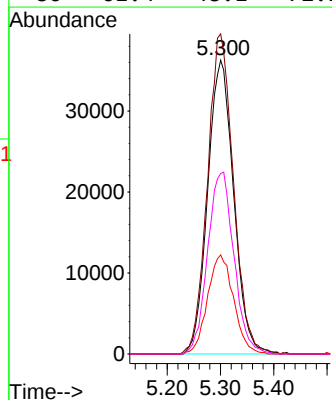
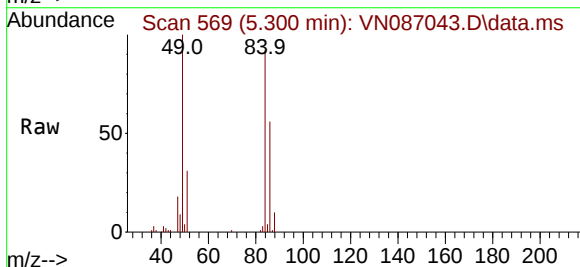
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

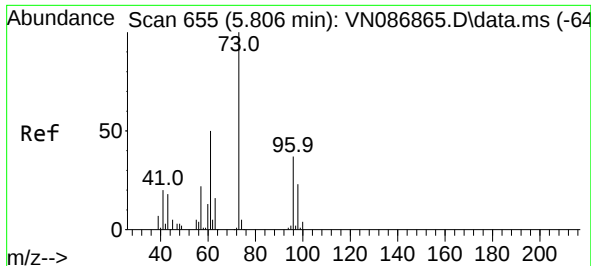
Tgt Ion: 73 Resp: 370525
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.2



#20
Methylene Chloride
Concen: 59.333 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion: 84 Resp: 122977
Ion Ratio Lower Upper
84 100
49 108.9 90.5 135.7
51 33.7 28.5 42.7
86 61.4 48.1 72.1

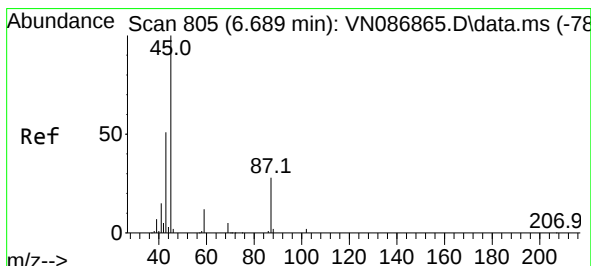
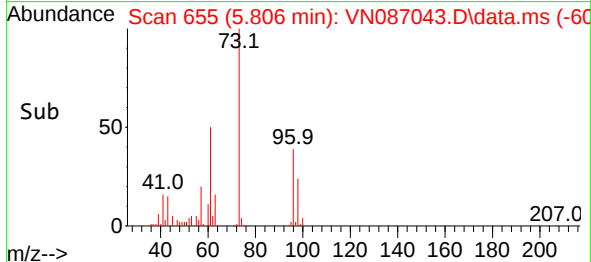
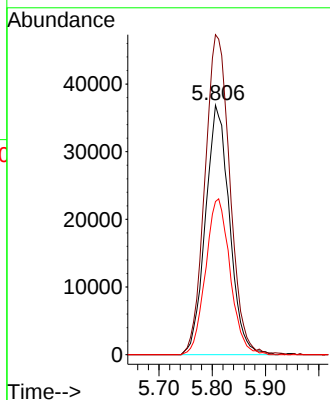
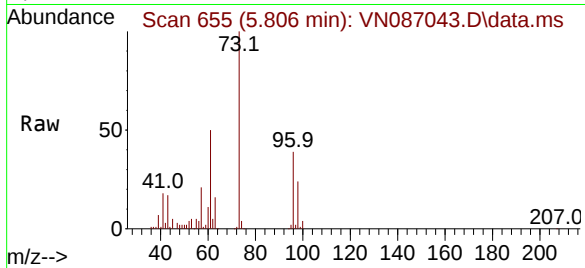




#21
trans-1,2-Dichloroethene
Concen: 59.909 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

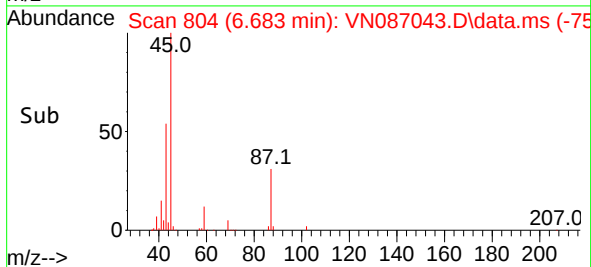
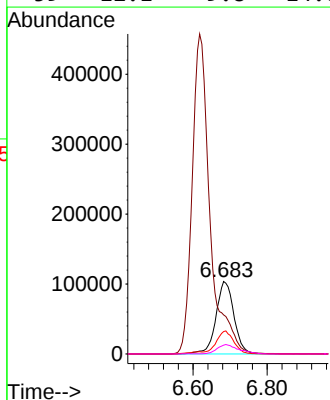
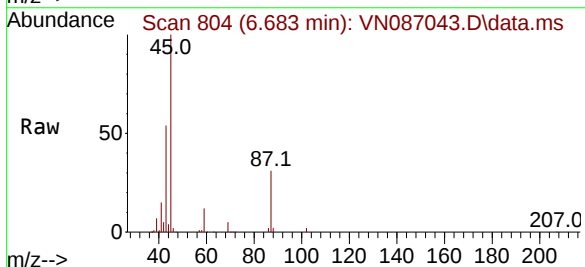
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 115675
Ion Ratio Lower Upper
96 100
61 128.3 109.2 163.8
98 61.4 49.8 74.8



#22
Diisopropyl ether
Concen: 57.487 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion: 45 Resp: 348771
Ion Ratio Lower Upper
45 100
43 53.4 41.9 62.9
87 31.0 22.4 33.6
59 12.1 9.8 14.6

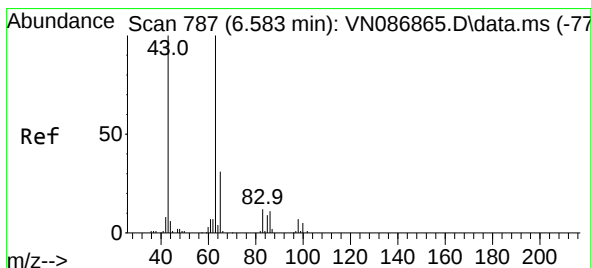
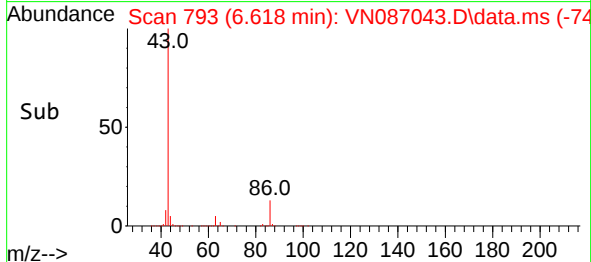
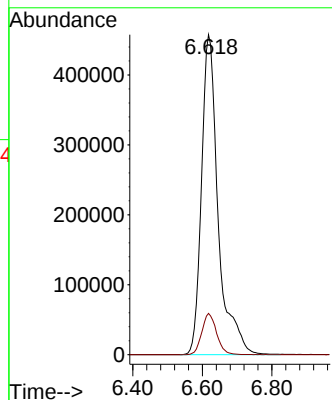
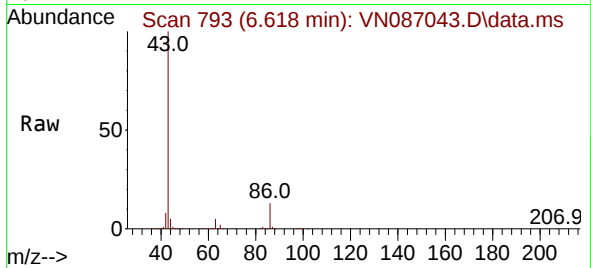




#23
 Vinyl Acetate
 Concen: 296.615 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087043.D
 Acq: 16 Jun 2025 19:28

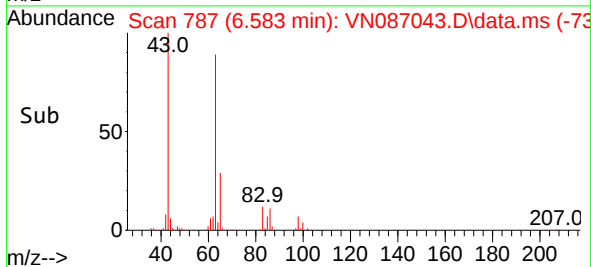
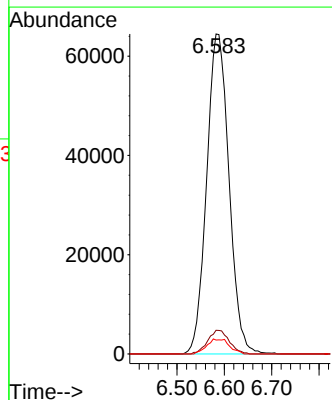
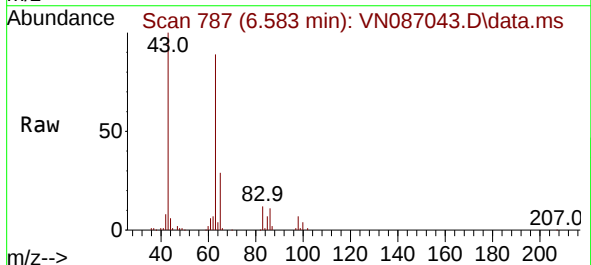
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1520422
 Ion Ratio Lower Upper
 43 100
 86 12.9 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 60.661 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN087043.D
 Acq: 16 Jun 2025 19:28

Tgt Ion: 63 Resp: 211794
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.4 2.6 7.8

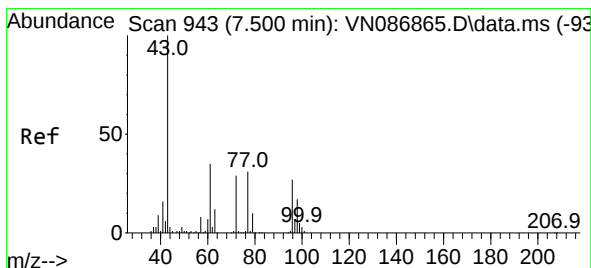
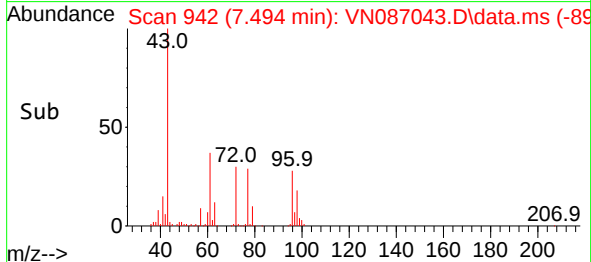
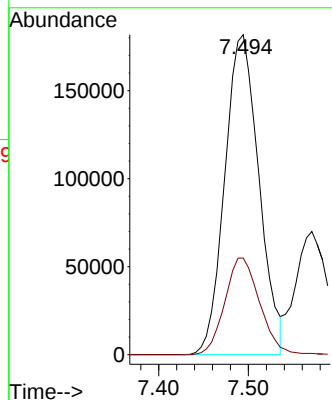
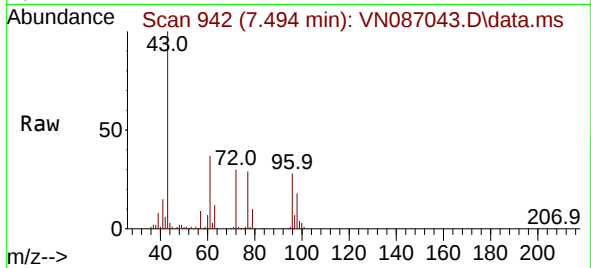




#25
2-Butanone
Concen: 266.905 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

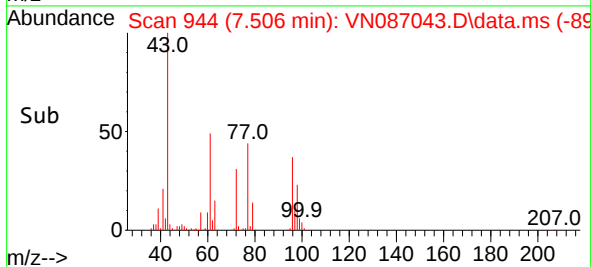
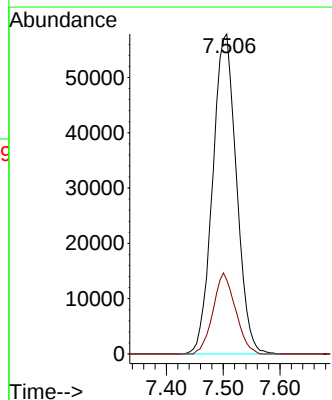
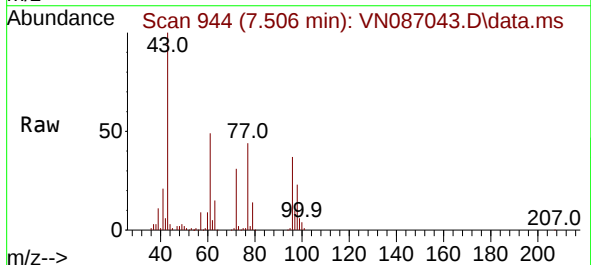
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

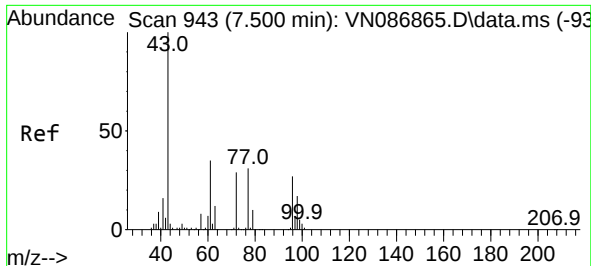
Tgt Ion: 43 Resp: 480307
Ion Ratio Lower Upper
43 100
72 30.2 23.0 34.6



#26
2,2-Dichloropropane
Concen: 62.010 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion: 77 Resp: 168411
Ion Ratio Lower Upper
77 100
97 23.8 11.6 34.7

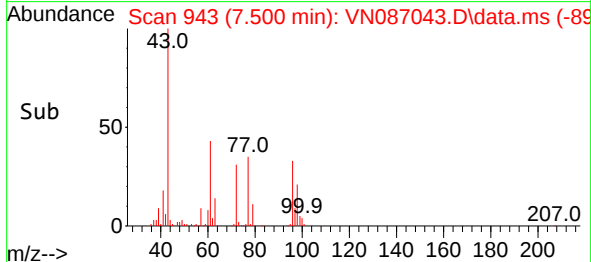
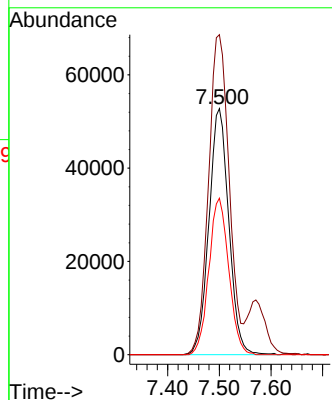
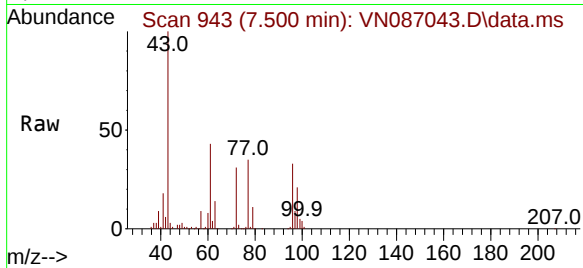




#27
 cis-1,2-Dichloroethene
 Concen: 60.962 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN087043.D
 Acq: 16 Jun 2025 19:28

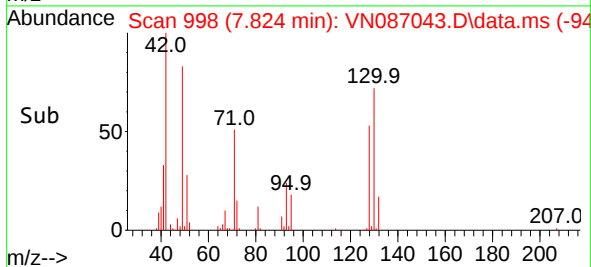
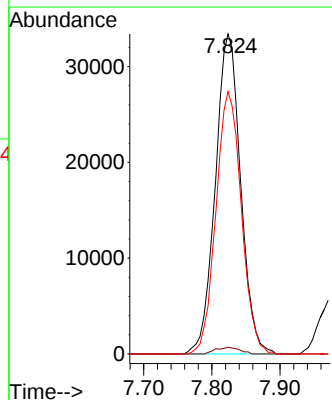
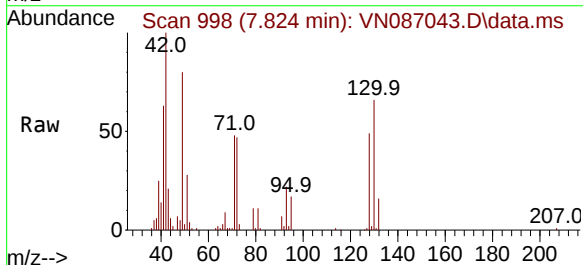
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 140773
 Ion Ratio Lower Upper
 96 100
 61 135.6 0.0 278.0
 98 63.7 0.0 128.2



#28
 Bromochloromethane
 Concen: 50.286 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087043.D
 Acq: 16 Jun 2025 19:28

Tgt Ion: 49 Resp: 86323
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 82.3 62.2 93.2





#29

Tetrahydrofuran

Concen: 273.119 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

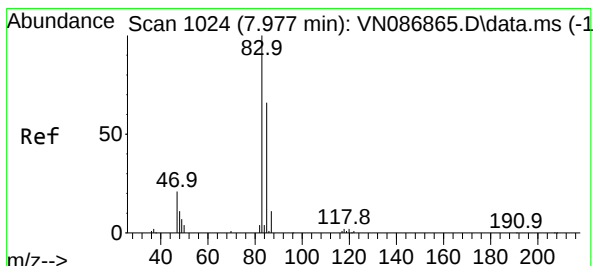
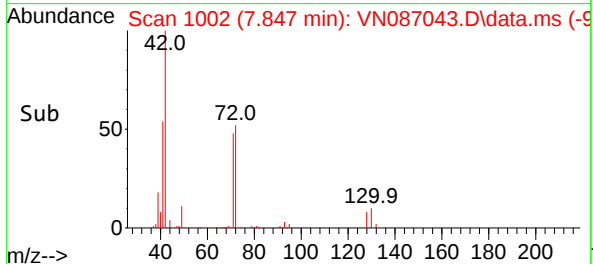
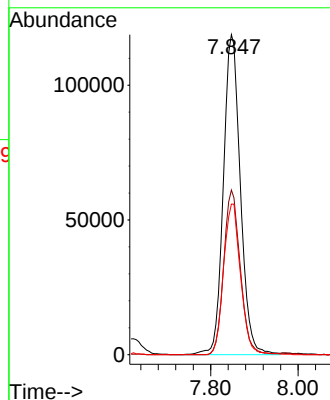
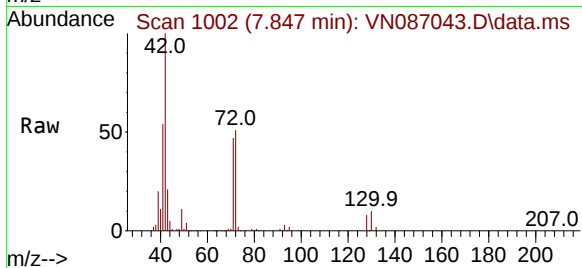
Tgt Ion: 42 Resp: 320170

Ion Ratio Lower Upper

42 100

72 49.7 37.8 56.6

71 47.1 35.6 53.4



#30

Chloroform

Concen: 59.131 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN087043.D

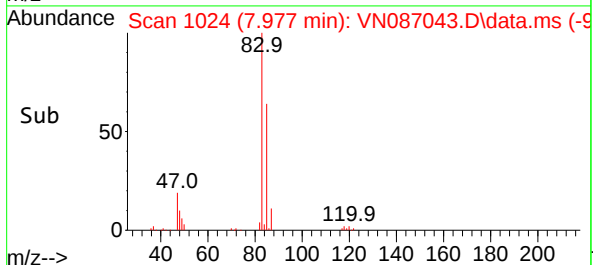
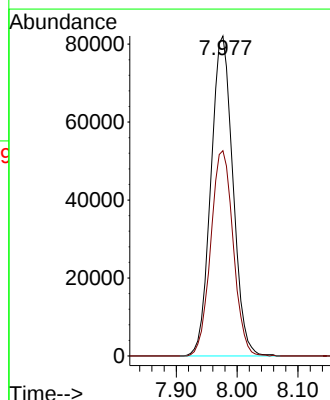
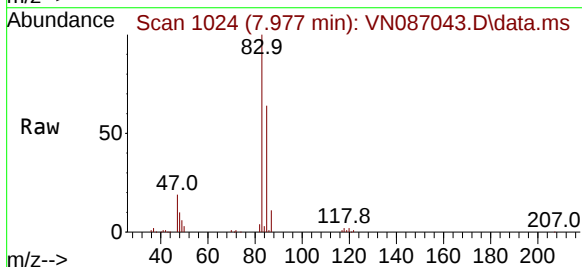
Acq: 16 Jun 2025 19:28

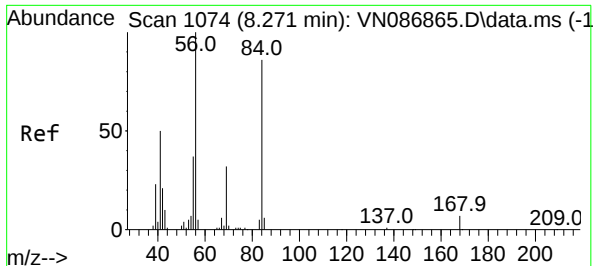
Tgt Ion: 83 Resp: 206173

Ion Ratio Lower Upper

83 100

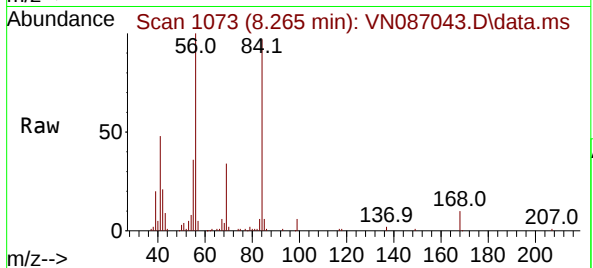
85 64.1 52.9 79.3



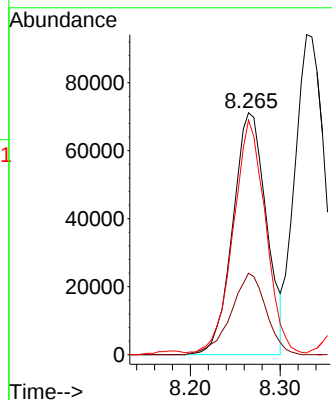
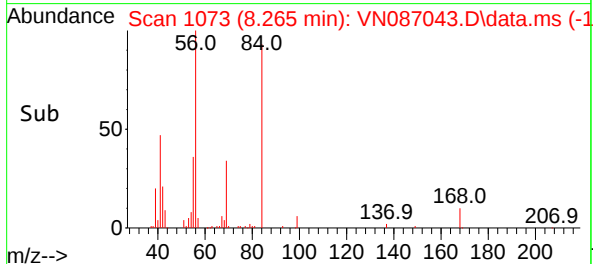


#31
Cyclohexane
Concen: 54.860 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

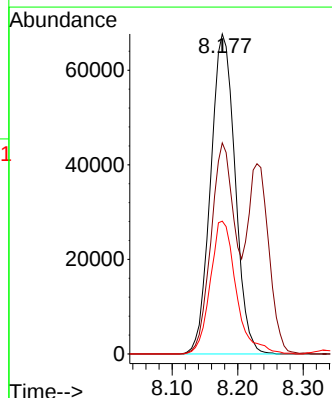
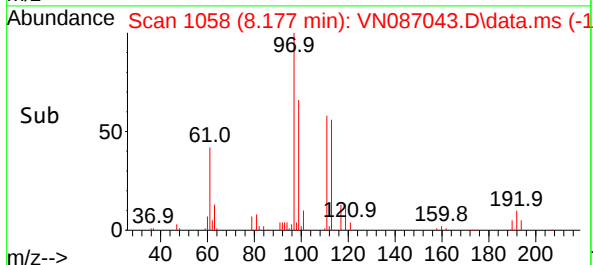
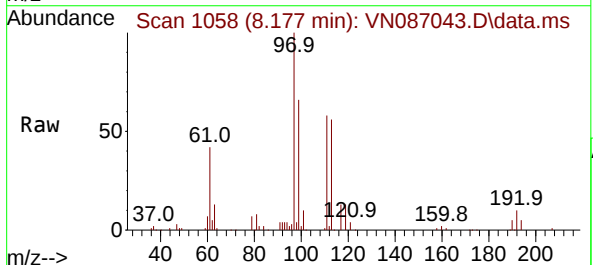


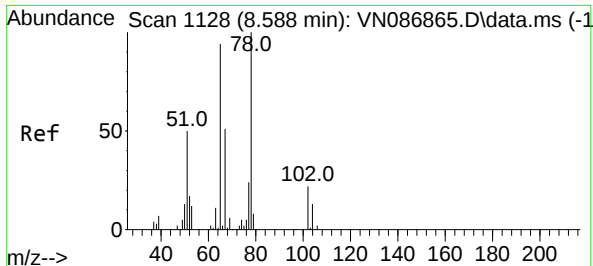
Tgt Ion: 56 Resp: 185751
Ion Ratio Lower Upper
56 100
69 33.4 25.4 38.0
84 95.7 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 59.047 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion: 97 Resp: 175108
Ion Ratio Lower Upper
97 100
99 65.3 52.0 78.0
61 44.0 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 50.184 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:28

Instrument :

MSVOA_N

ClientSampleId :

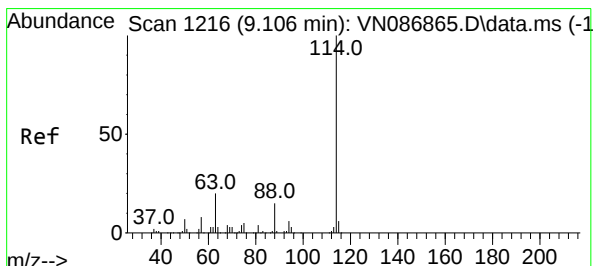
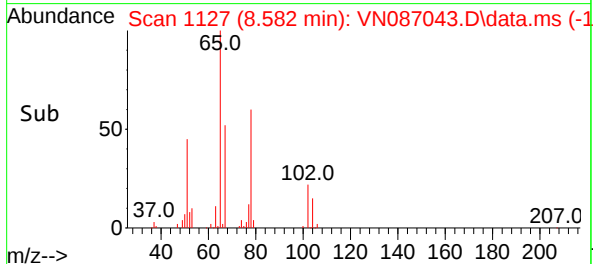
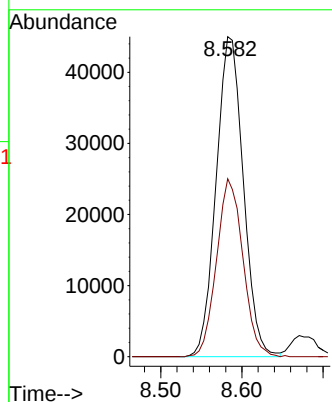
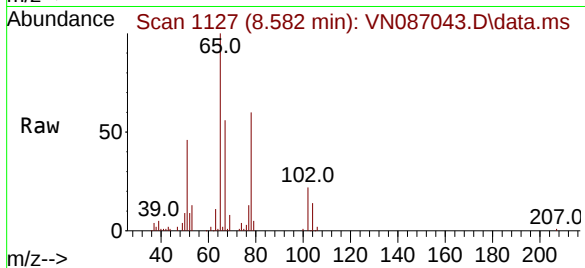
VSTDCCC050EC

Tgt Ion: 65 Resp: 104766

Ion Ratio Lower Upper

65 100

67 54.0 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:28

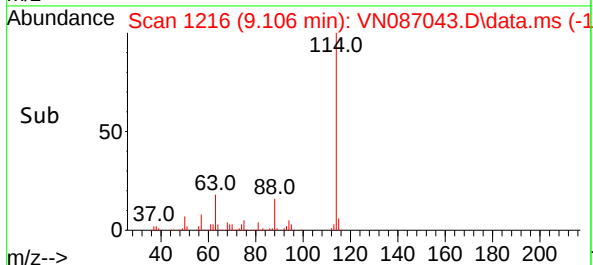
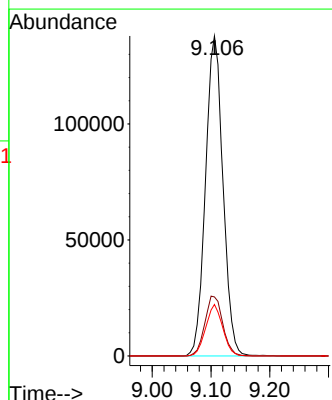
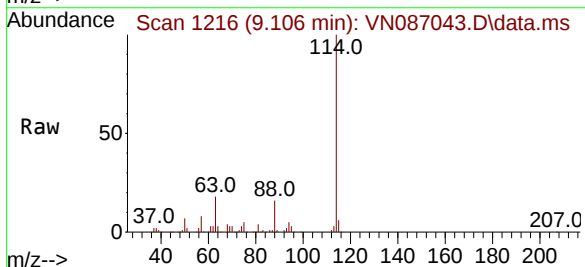
Tgt Ion:114 Resp: 284897

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 16.1 0.0 30.2

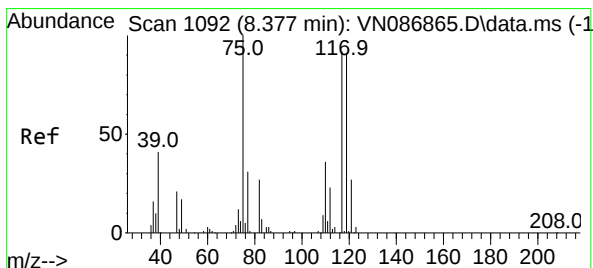
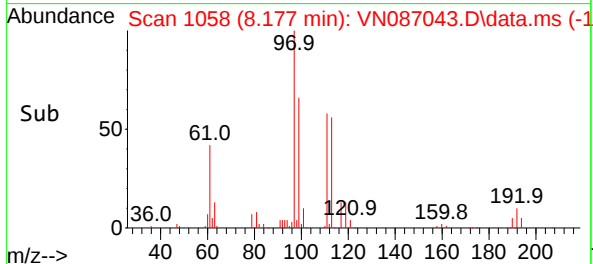
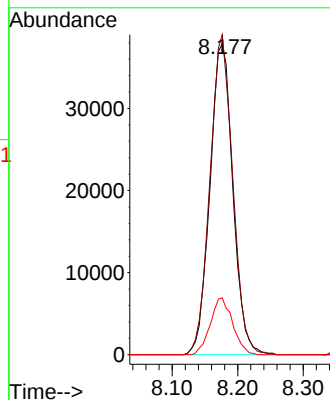
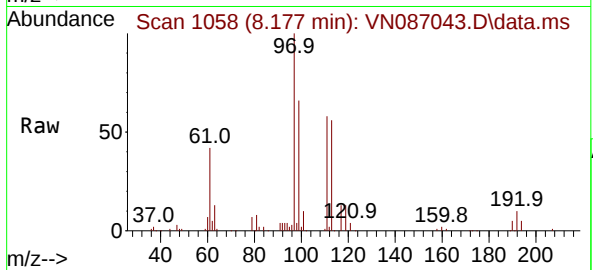




#35
Dibromofluoromethane
Concen: 54.520 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

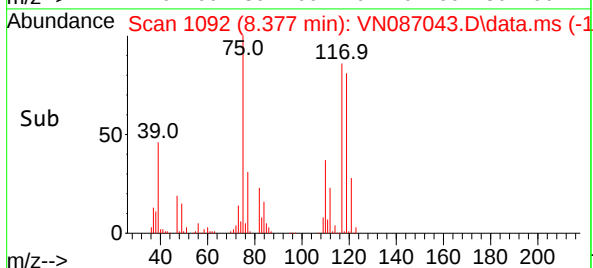
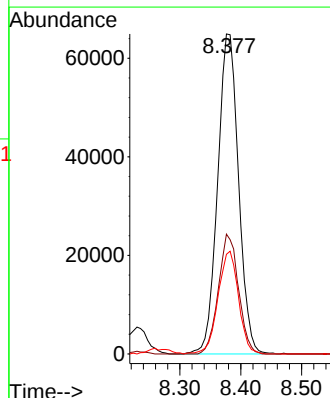
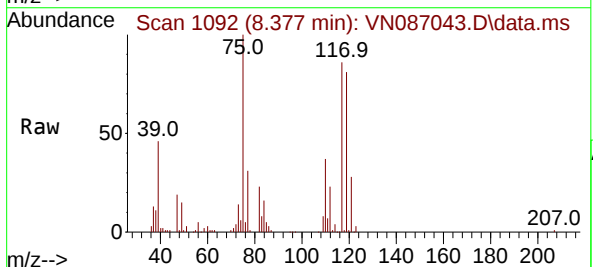
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 92049
Ion Ratio Lower Upper
113 100
111 102.0 84.2 126.2
192 17.8 14.2 21.4



#36
1,1-Dichloropropene
Concen: 61.551 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion: 75 Resp: 154852
Ion Ratio Lower Upper
75 100
110 36.0 17.6 52.9
77 31.5 25.3 37.9

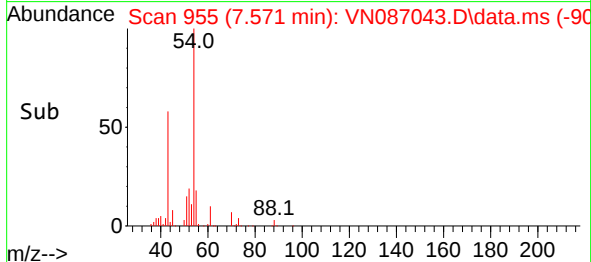
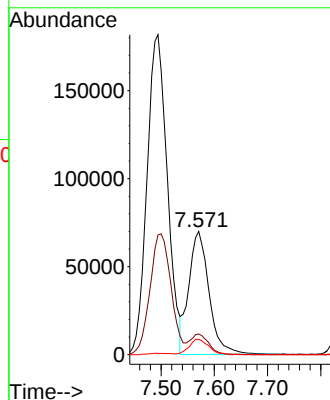
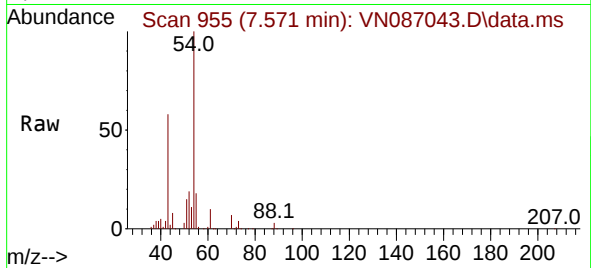




#37
Ethyl Acetate
Concen: 57.707 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

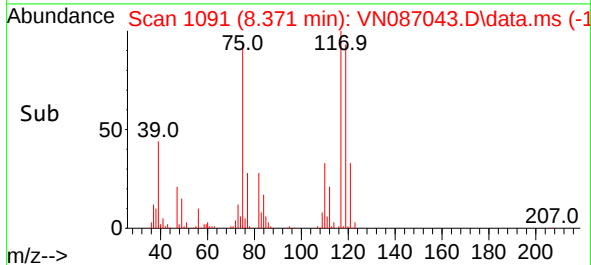
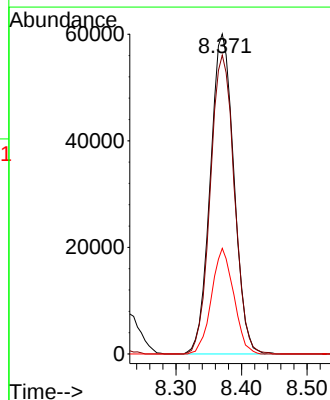
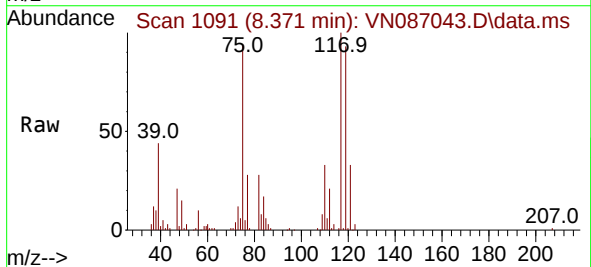
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

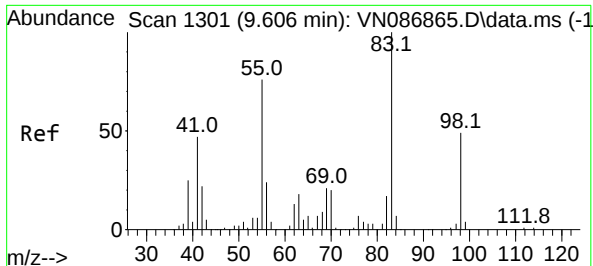
Tgt Ion: 43 Resp: 184817
Ion Ratio Lower Upper
43 100
61 15.1 12.1 18.1
70 12.1 9.8 14.6



#38
Carbon Tetrachloride
Concen: 60.793 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion: 117 Resp: 150156
Ion Ratio Lower Upper
117 100
119 93.4 75.0 112.6
121 33.0 24.9 37.3





#39

Methylcyclohexane

Concen: 52.739 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

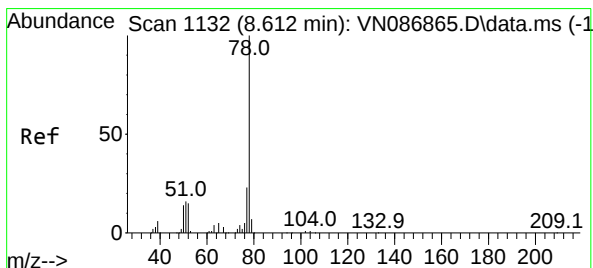
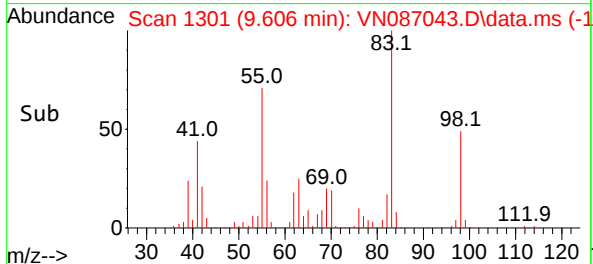
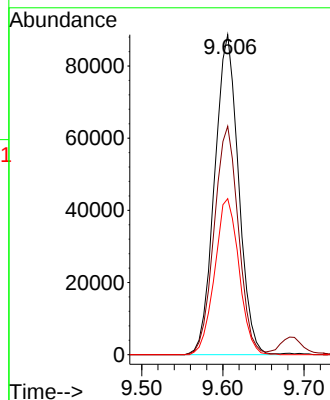
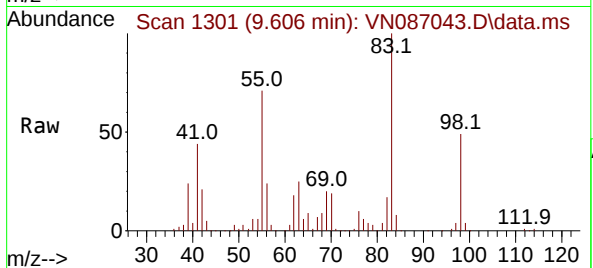
Tgt Ion: 83 Resp: 181779

Ion Ratio Lower Upper

83 100

55 71.4 61.0 91.6

98 48.8 38.9 58.3



#40

Benzene

Concen: 59.891 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087043.D

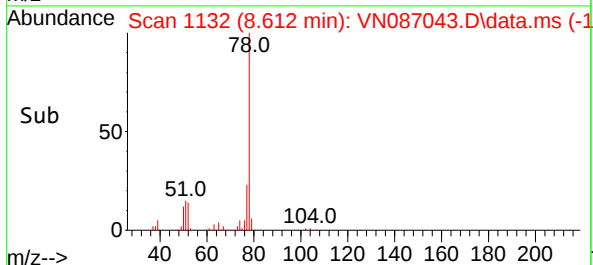
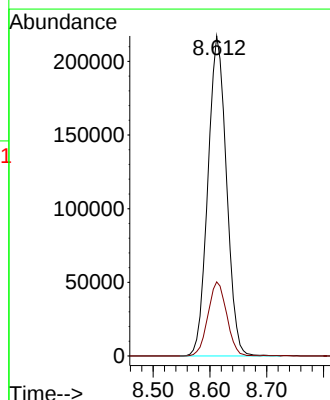
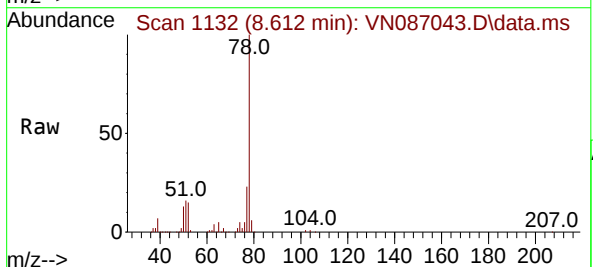
Acq: 16 Jun 2025 19:28

Tgt Ion: 78 Resp: 492718

Ion Ratio Lower Upper

78 100

77 23.2 18.7 28.1

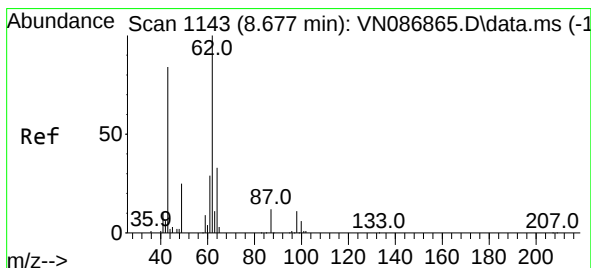
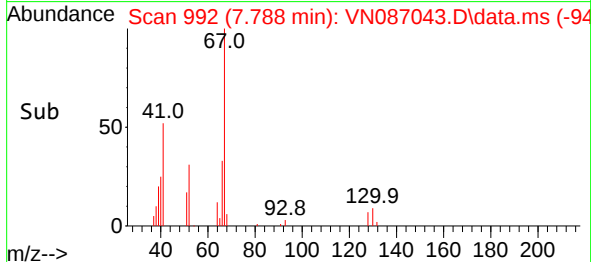
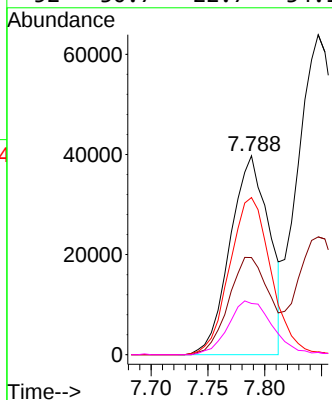
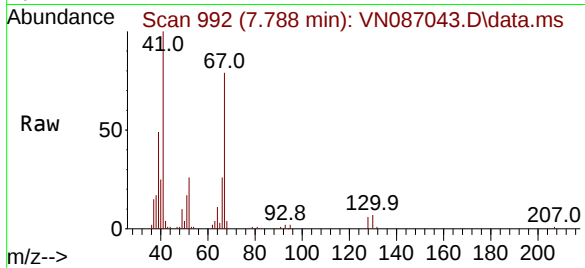




#41
Methacrylonitrile
Concen: 52.865 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

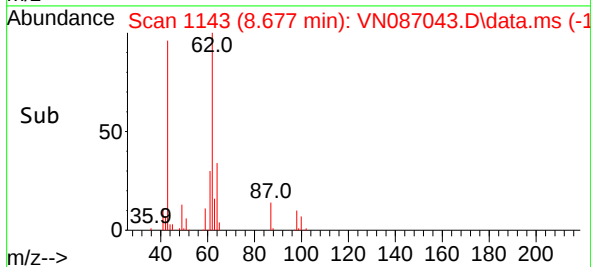
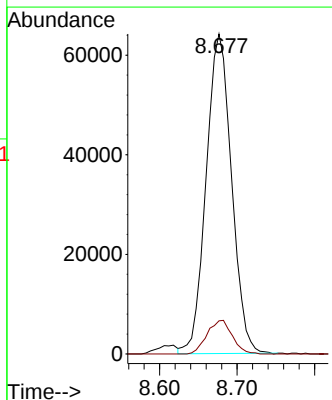
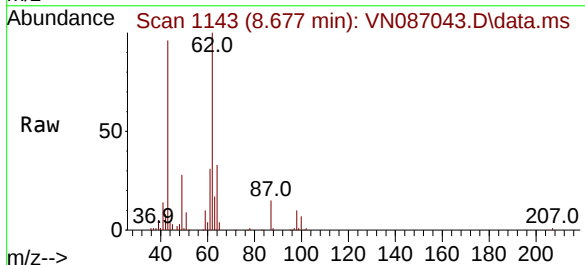
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	95085
Ion	Ratio	Lower	Upper
41	100		
39	50.5	41.2	61.8
67	84.1	61.4	92.2
52	30.7	22.7	34.1



#42
1,2-Dichloroethane
Concen: 58.523 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion:	62	Resp:	146032
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.2

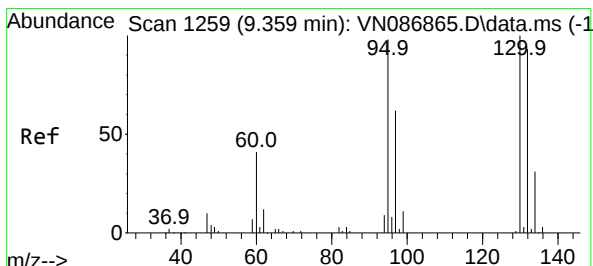
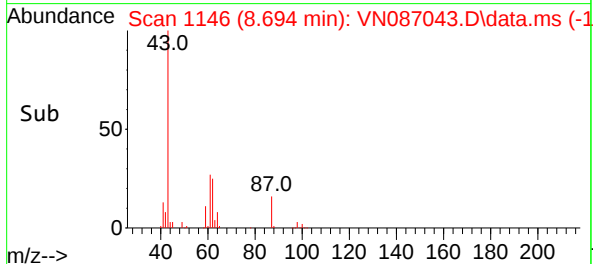
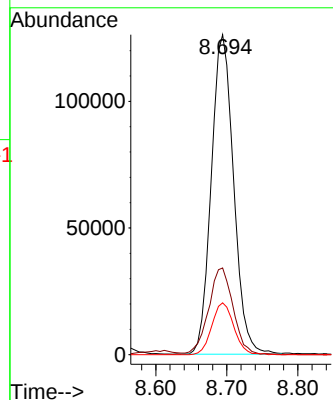
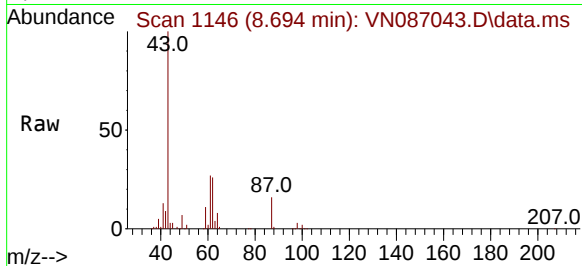




#43
Isopropyl Acetate
Concen: 53.576 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

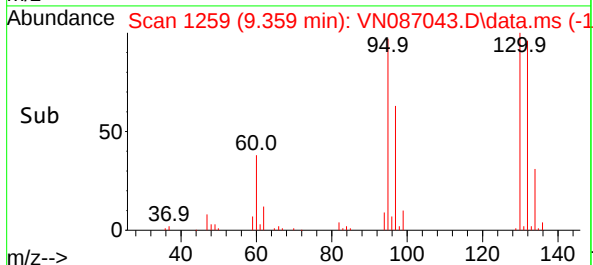
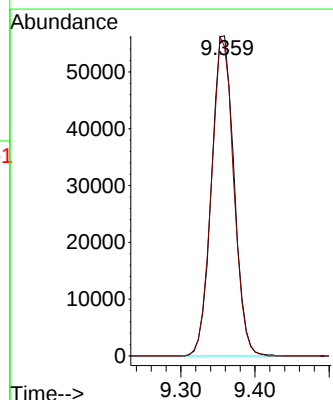
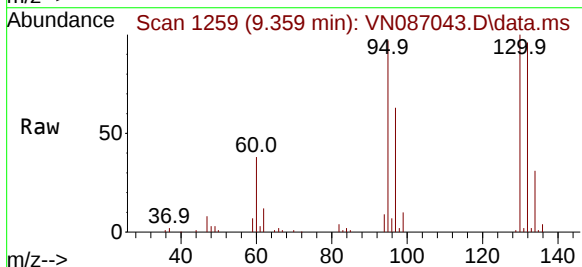
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

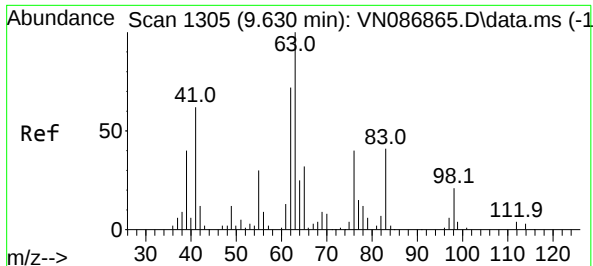
Tgt Ion: 43 Resp: 275397
Ion Ratio Lower Upper
43 100
61 29.9 22.1 33.1
87 16.0 11.8 17.6



#44
Trichloroethene
Concen: 60.942 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion: 130 Resp: 118881
Ion Ratio Lower Upper
130 100
95 96.6 0.0 196.2





#45

1,2-Dichloropropane

Concen: 58.872 ug/l

RT: 9.623 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:28

Instrument :

MSVOA_N

ClientSampleId :

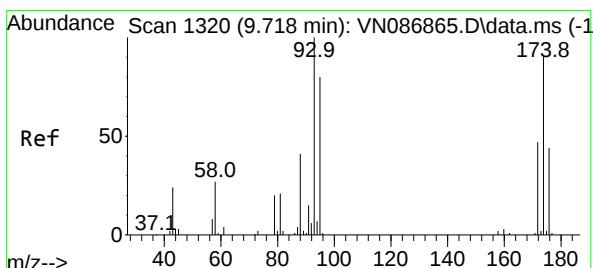
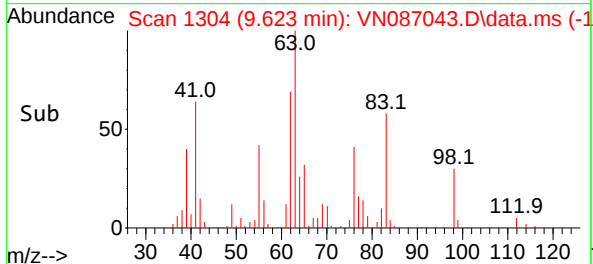
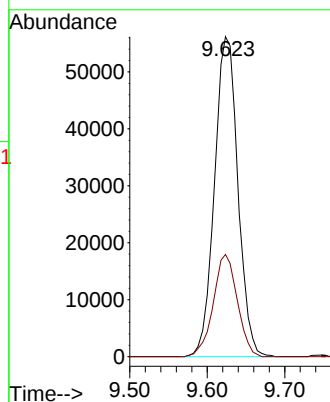
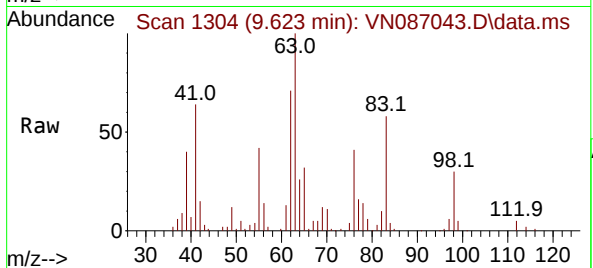
VSTDCCC050EC

Tgt Ion: 63 Resp: 117830

Ion Ratio Lower Upper

63 100

65 31.9 25.5 38.3



#46

Dibromomethane

Concen: 61.971 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:28

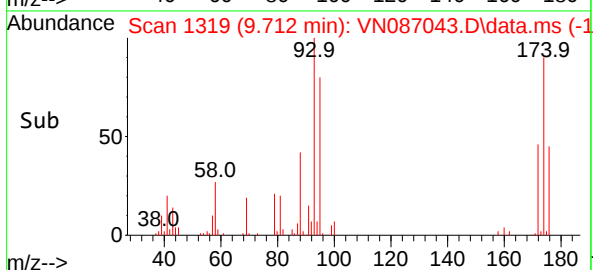
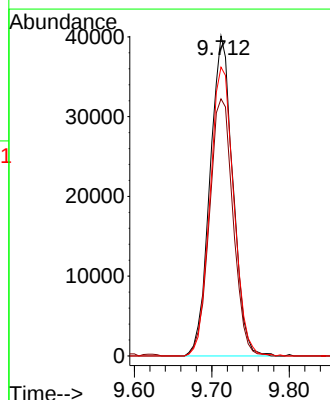
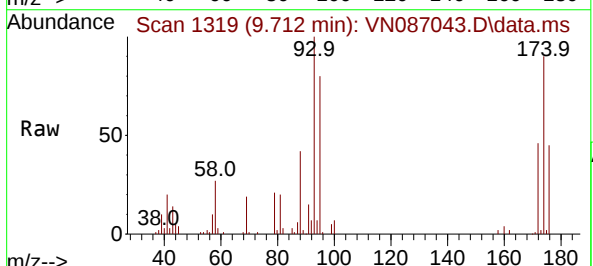
Tgt Ion: 93 Resp: 82385

Ion Ratio Lower Upper

93 100

95 82.7 67.1 100.7

174 93.5 74.2 111.4

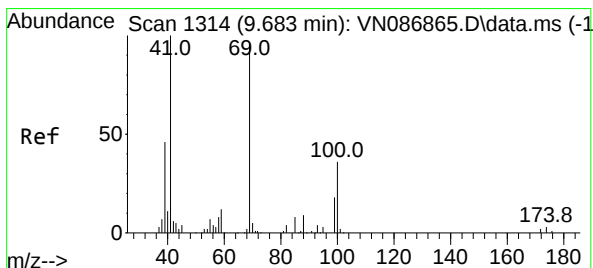
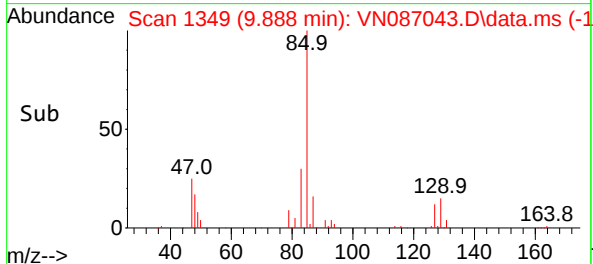
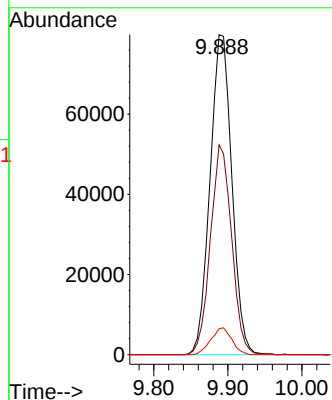
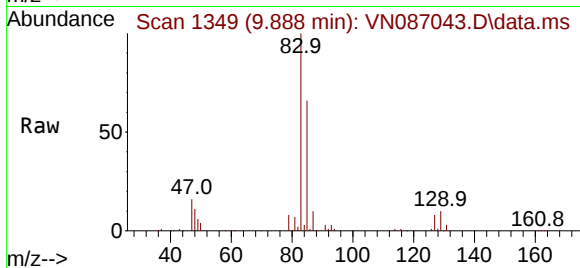




#47
Bromodichloromethane
Concen: 59.665 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

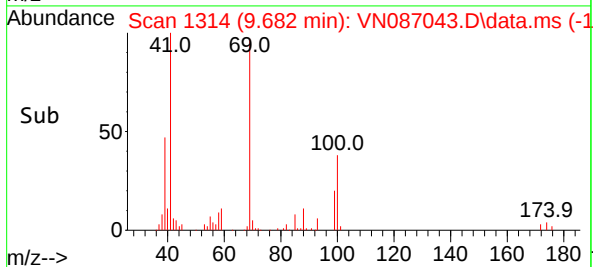
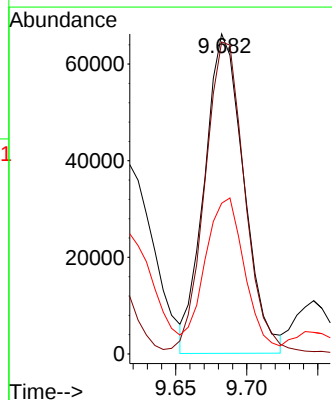
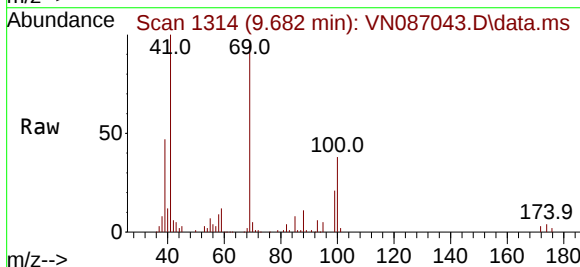
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

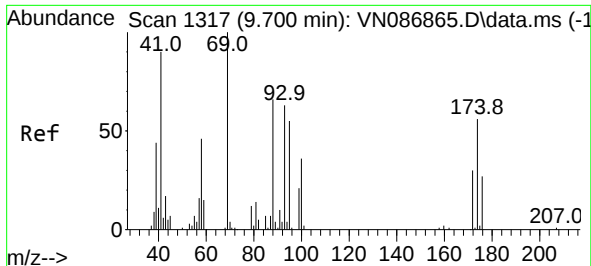
Tgt Ion: 83 Resp: 163198
Ion Ratio Lower Upper
83 100
85 65.6 50.9 76.3
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 53.922 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion: 41 Resp: 127574
Ion Ratio Lower Upper
41 100
69 98.9 74.6 112.0
39 50.3 40.2 60.4





#49

1,4-Dioxane

Concen: 1192.495 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087043.D

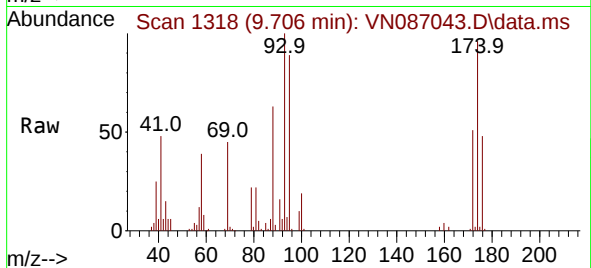
Acq: 16 Jun 2025 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



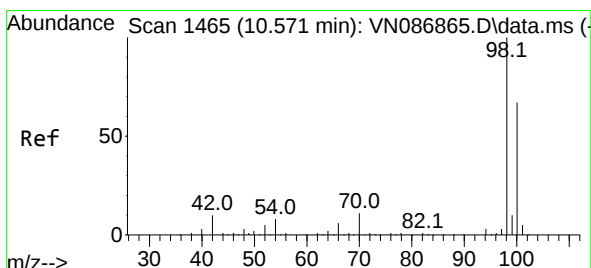
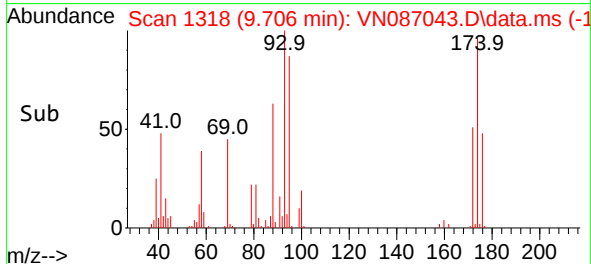
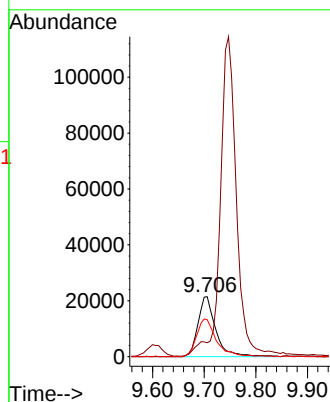
Tgt Ion: 88 Resp: 51326

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 70.0 57.7 86.5



#50

Toluene-d8

Concen: 50.644 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN087043.D

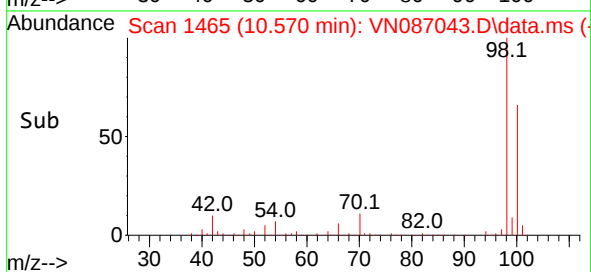
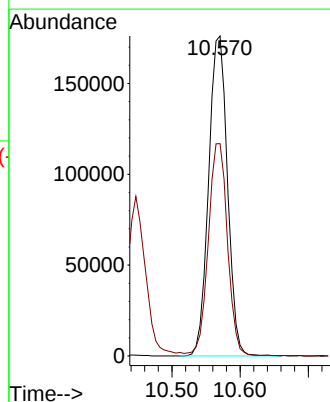
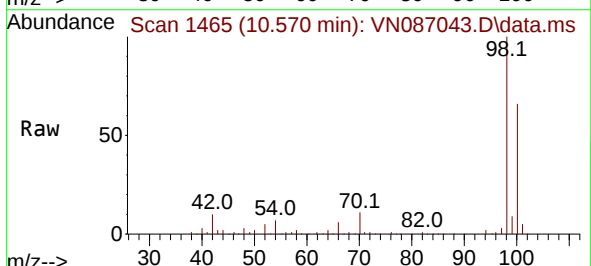
Acq: 16 Jun 2025 19:28

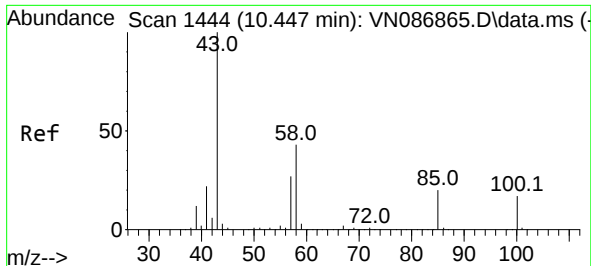
Tgt Ion: 98 Resp: 338491

Ion Ratio Lower Upper

98 100

100 67.1 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 283.766 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:28

Instrument :

MSVOA_N

ClientSampleId :

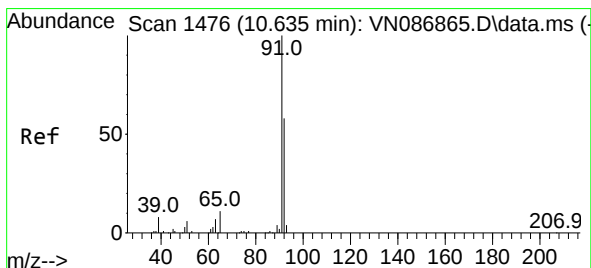
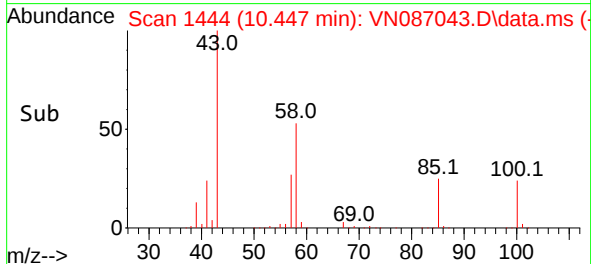
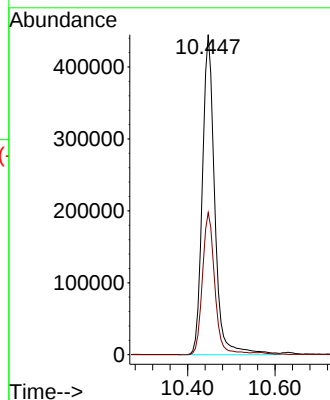
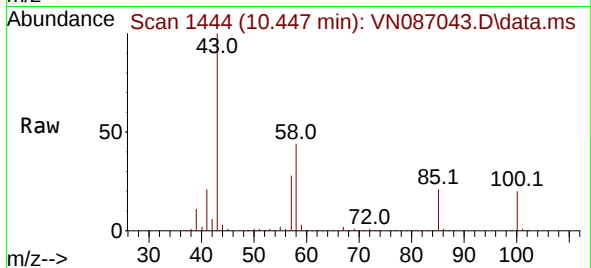
VSTDCCC050EC

Tgt Ion: 43 Resp: 878114

Ion Ratio Lower Upper

43 100

58 44.1 34.2 51.4



#52

Toluene

Concen: 60.827 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN087043.D

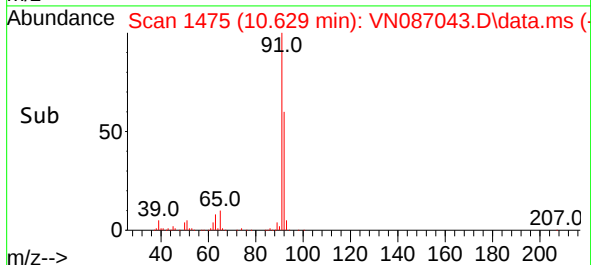
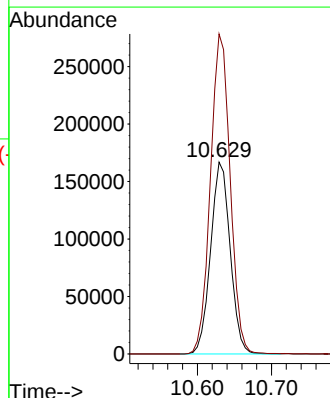
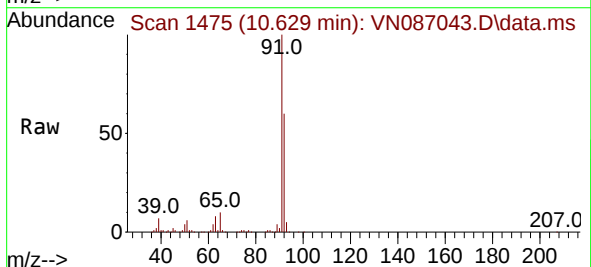
Acq: 16 Jun 2025 19:28

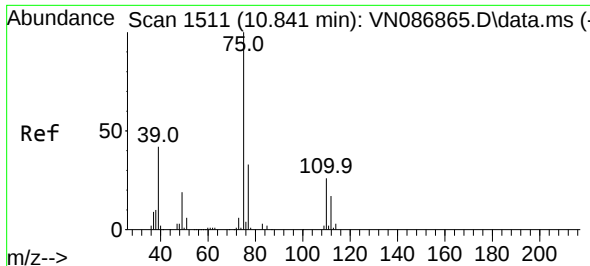
Tgt Ion: 92 Resp: 305819

Ion Ratio Lower Upper

92 100

91 168.5 136.5 204.7

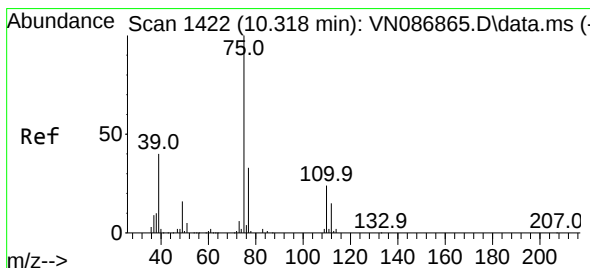
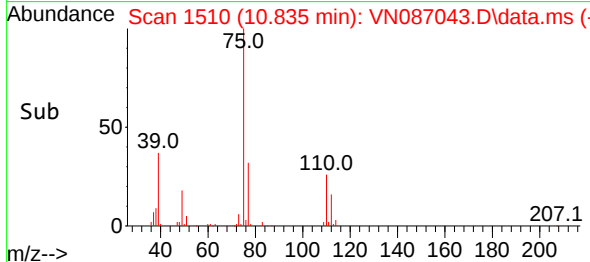
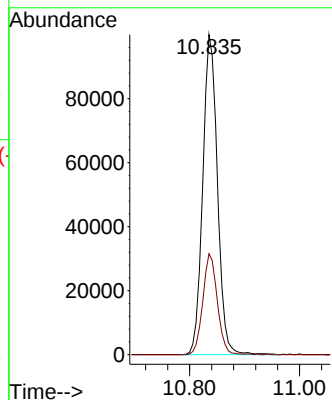
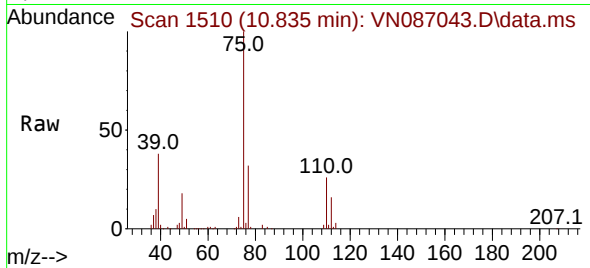




#53
 t-1,3-Dichloropropene
 Concen: 60.634 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN087043.D
 Acq: 16 Jun 2025 19:28

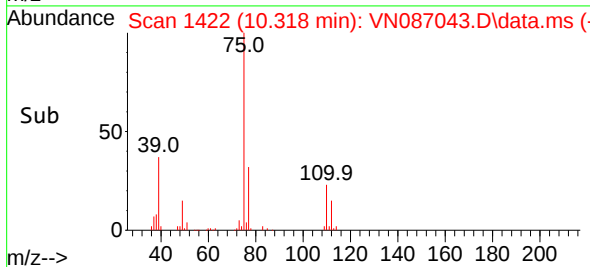
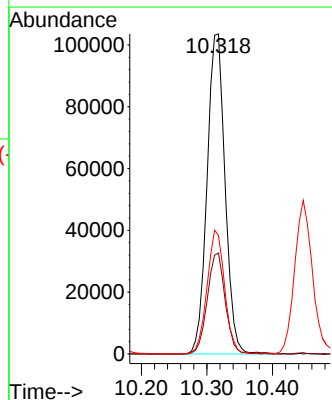
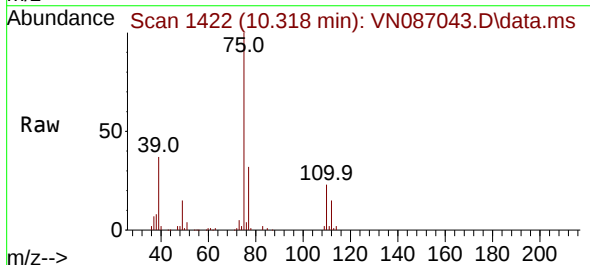
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

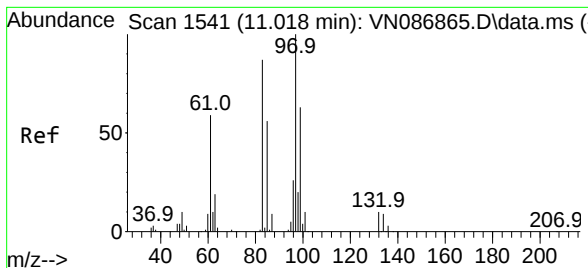
Tgt Ion: 75 Resp: 185452
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.4 39.6



#54
 cis-1,3-Dichloropropene
 Concen: 60.578 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN087043.D
 Acq: 16 Jun 2025 19:28

Tgt Ion: 75 Resp: 198245
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.2 39.4
 39 37.0 32.3 48.5





#55

1,1,2-Trichloroethane

Concen: 59.161 ug/l

RT: 11.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 114449

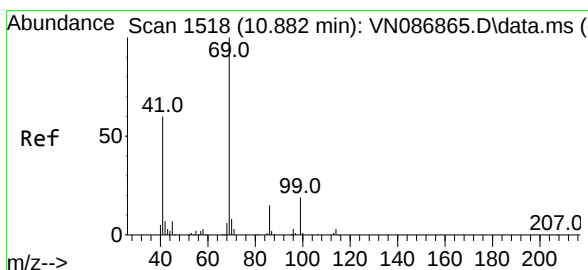
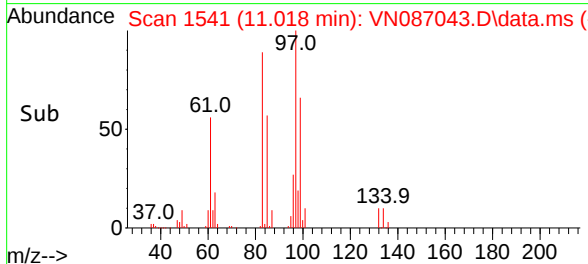
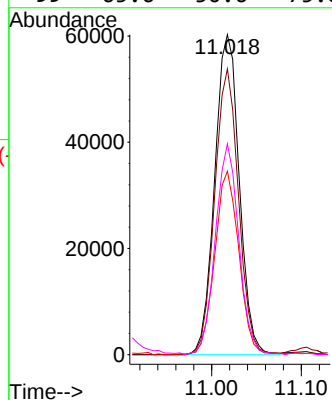
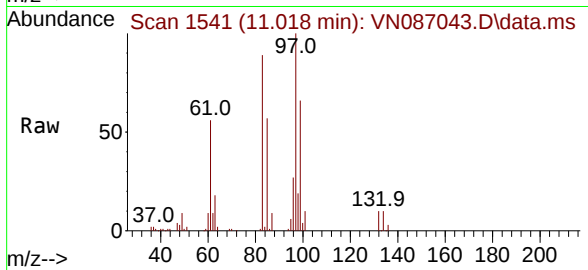
Ion Ratio Lower Upper

97 100

83 89.3 69.7 104.5

85 57.1 45.1 67.7

99 65.6 50.6 75.8



#56

Ethyl methacrylate

Concen: 62.735 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. -0.000 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:28

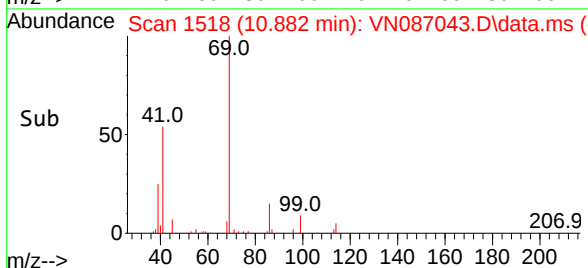
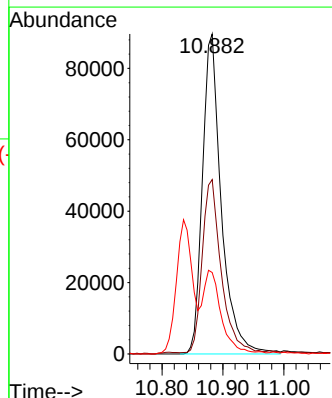
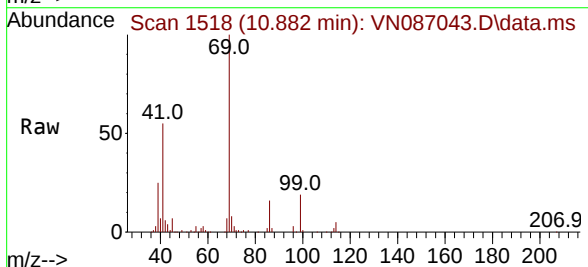
Tgt Ion: 69 Resp: 193303

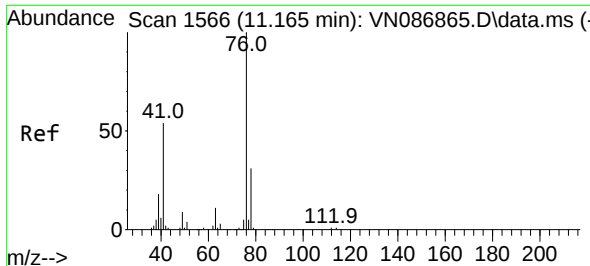
Ion Ratio Lower Upper

69 100

41 54.1 47.2 70.8

39 25.0 23.0 34.6





#57

1,3-Dichloropropane

Concen: 59.302 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:28

Instrument :

MSVOA_N

ClientSampleId :

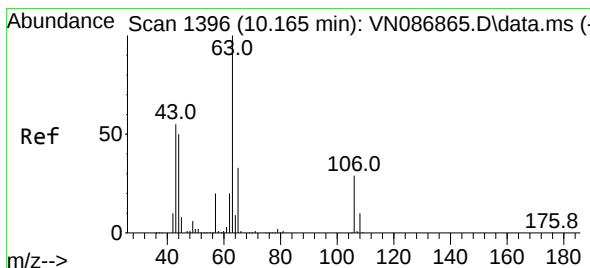
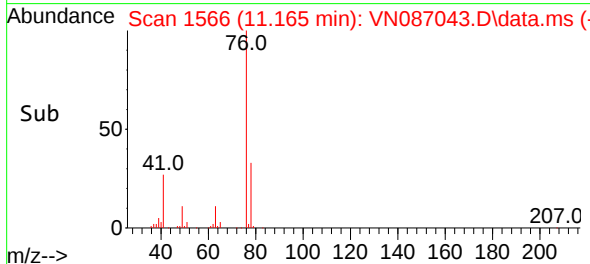
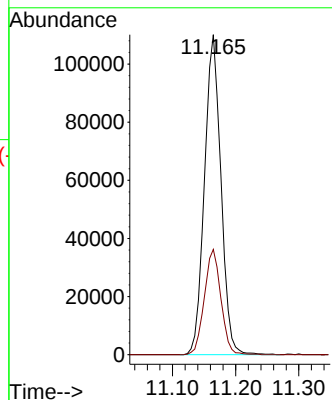
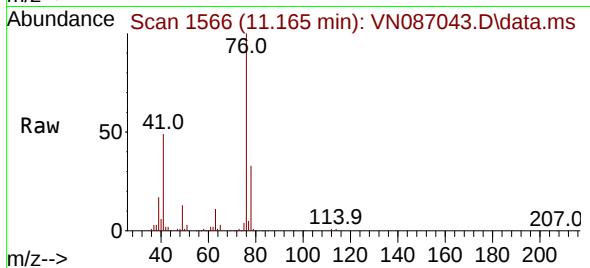
VSTDCCC050EC

Tgt Ion: 76 Resp: 199012

Ion Ratio Lower Upper

76 100

78 33.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 253.428 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN087043.D

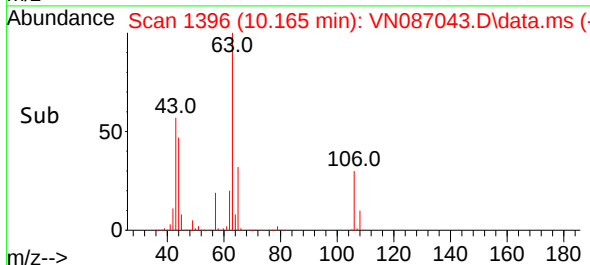
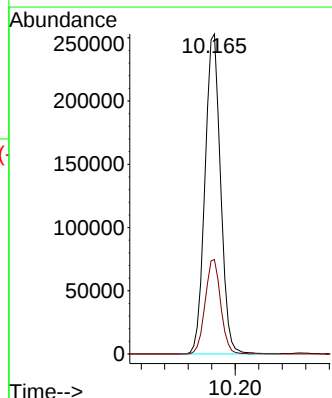
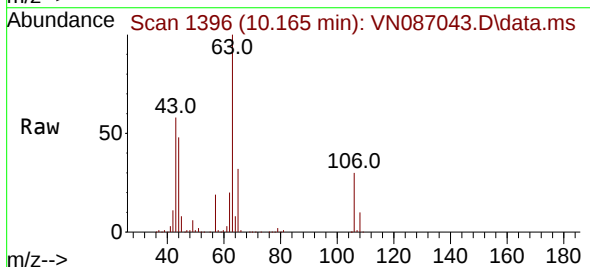
Acq: 16 Jun 2025 19:28

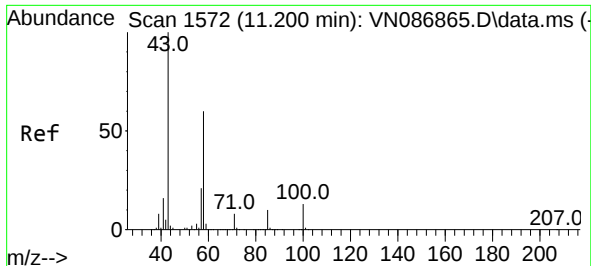
Tgt Ion: 63 Resp: 465756

Ion Ratio Lower Upper

63 100

106 29.3 23.0 34.6

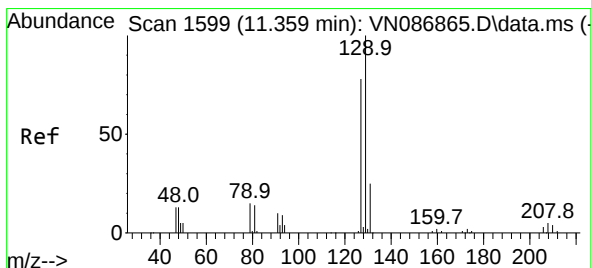
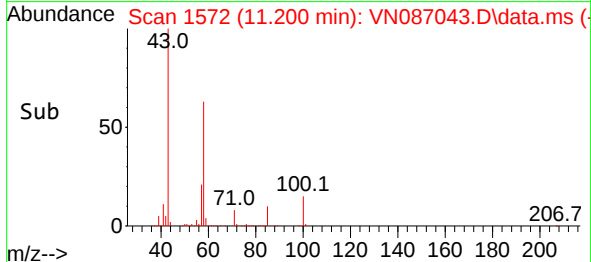
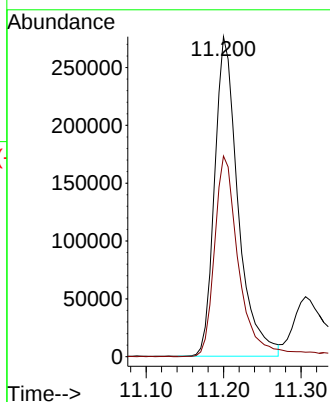
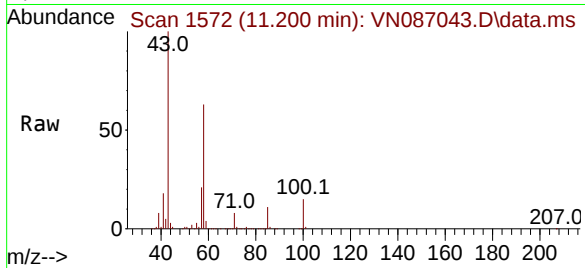




#59
2-Hexanone
Concen: 291.878 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

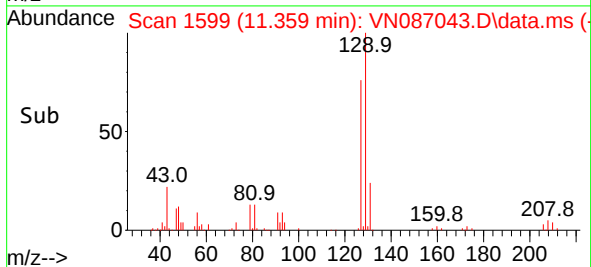
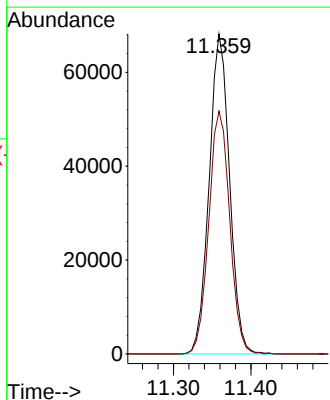
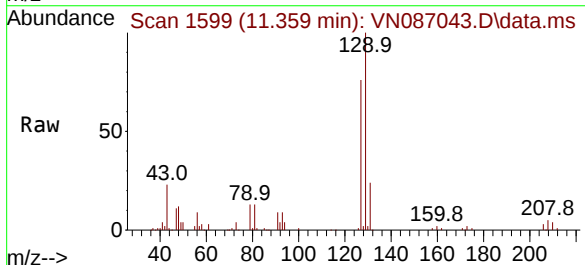
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 581793
Ion Ratio Lower Upper
43 100
58 67.0 30.4 91.3



#60
Dibromochloromethane
Concen: 61.912 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion: 129 Resp: 124788
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8

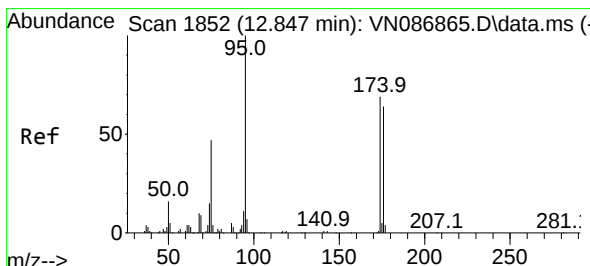
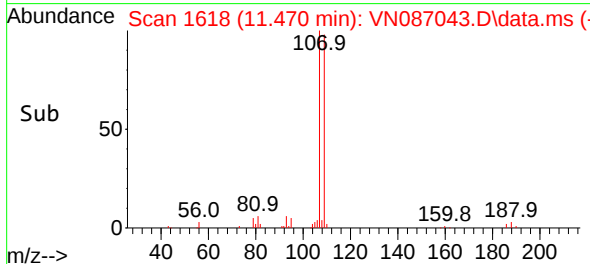
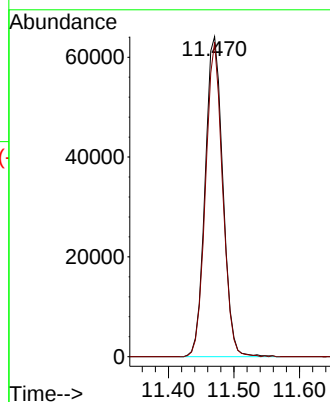
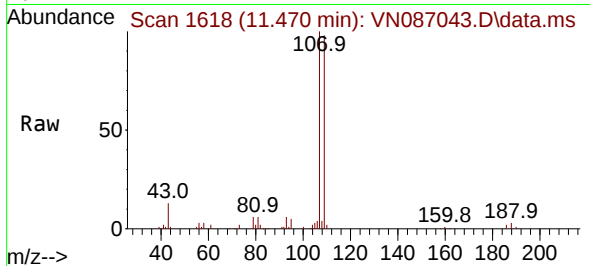




#61
1,2-Dibromoethane
Concen: 60.810 ug/l
RT: 11.470 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

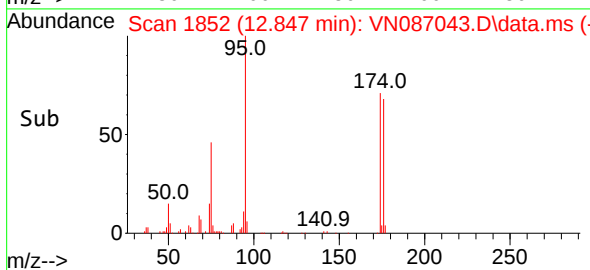
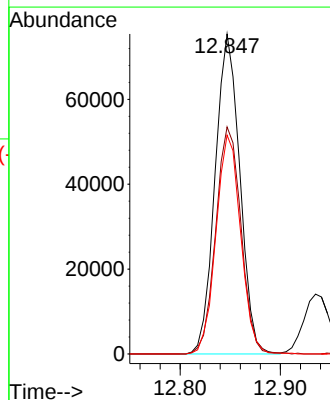
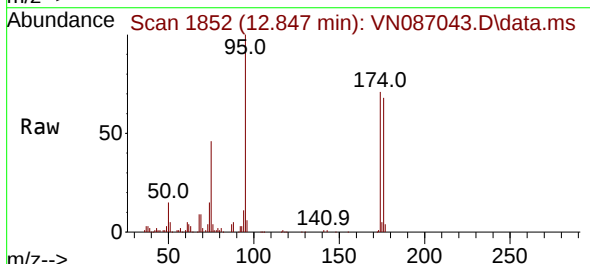
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

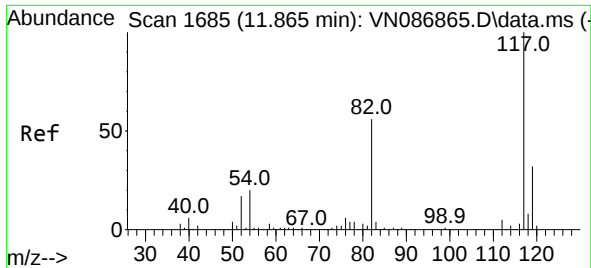
Tgt Ion:107 Resp: 120580
Ion Ratio Lower Upper
107 100
109 94.3 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 52.018 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion: 95 Resp: 129172
Ion Ratio Lower Upper
95 100
174 72.4 0.0 141.8
176 68.4 0.0 132.6

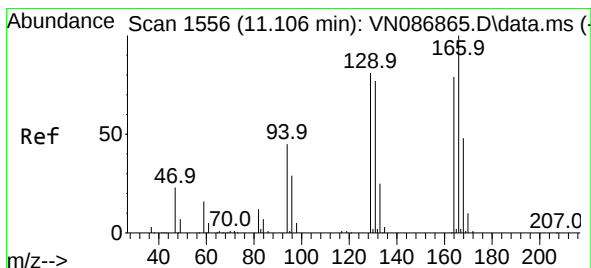
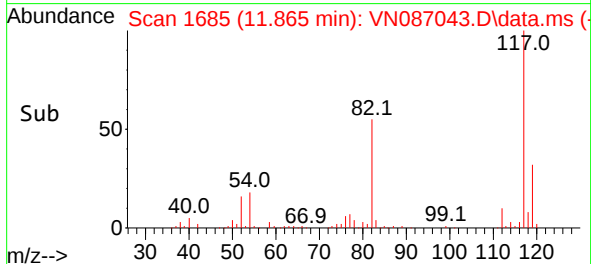
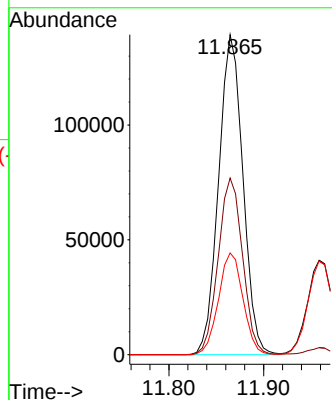
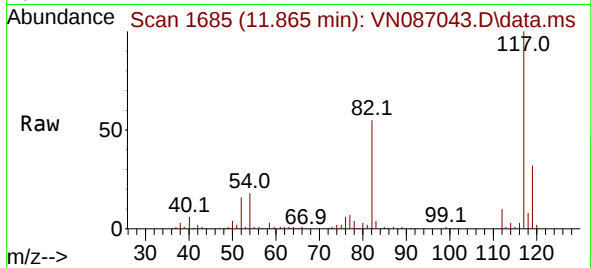




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

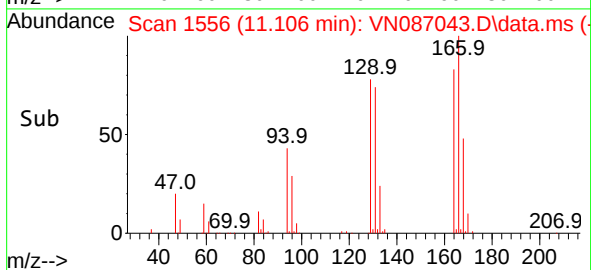
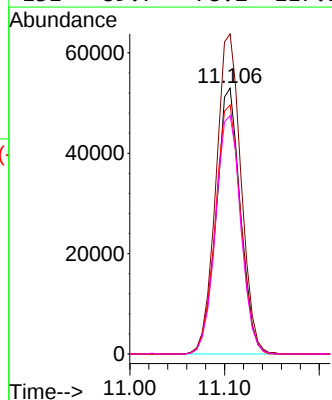
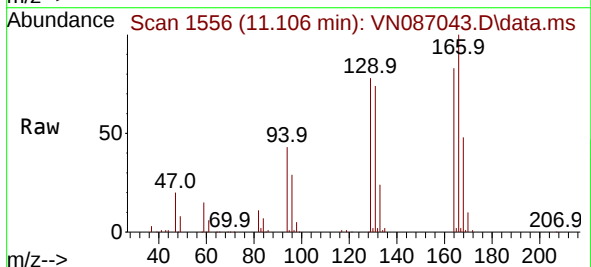
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

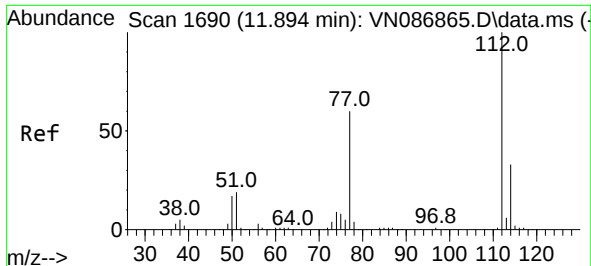
Tgt Ion:117 Resp: 248763
Ion Ratio Lower Upper
117 100
82 55.2 44.6 67.0
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 59.764 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion:164 Resp: 94089
Ion Ratio Lower Upper
164 100
166 120.4 101.8 152.8
129 93.7 83.0 124.4
131 89.7 78.2 117.2

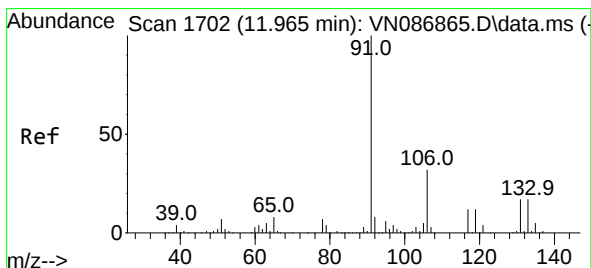
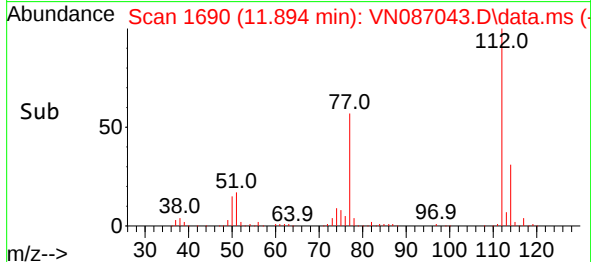
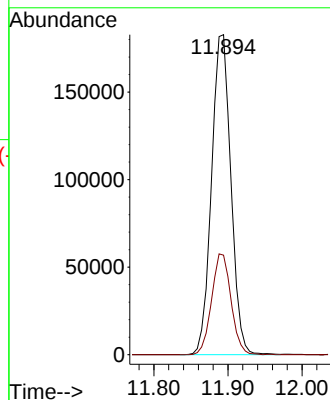
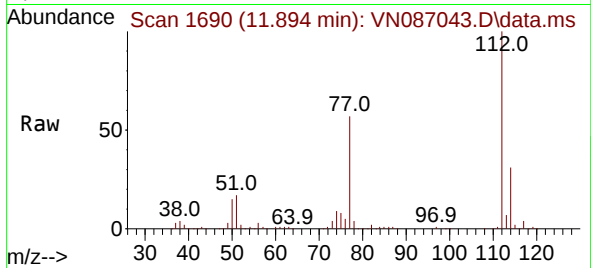




#65
Chlorobenzene
Concen: 60.434 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

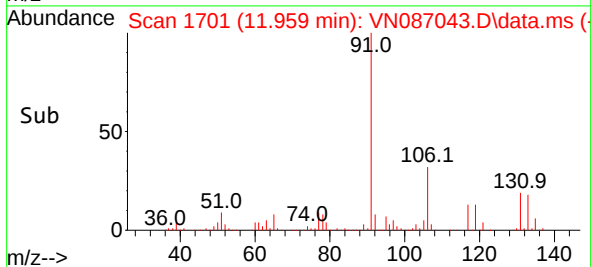
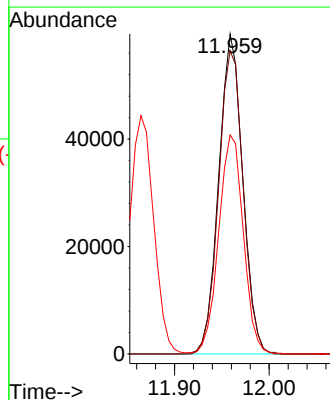
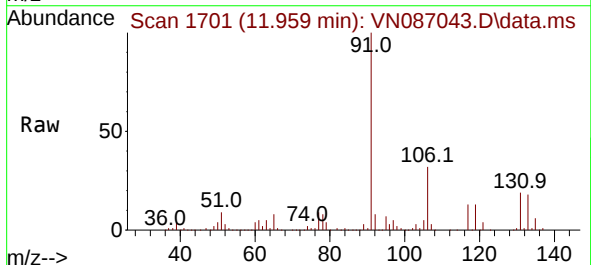
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

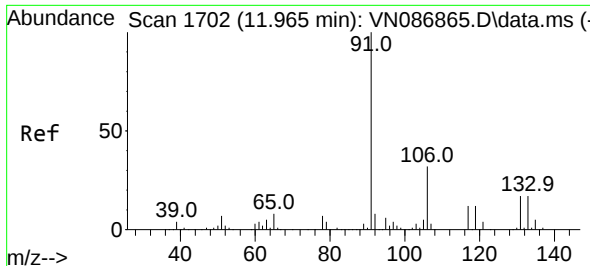
Tgt Ion:112 Resp: 331573
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 59.466 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion:131 Resp: 104876
Ion Ratio Lower Upper
131 100
133 97.0 48.3 144.8
119 70.4 34.0 101.8

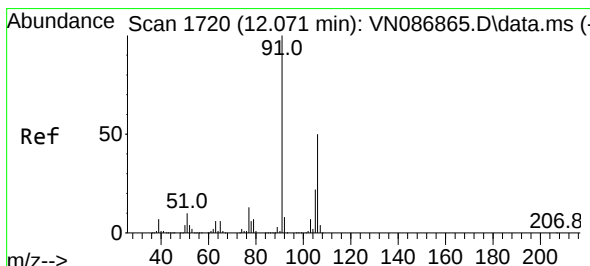
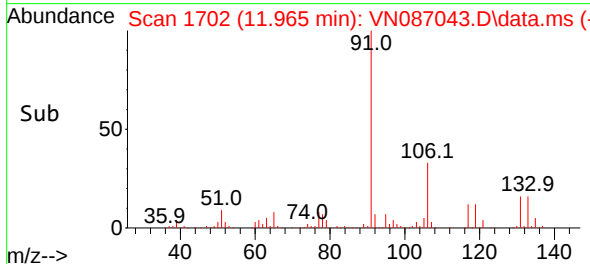
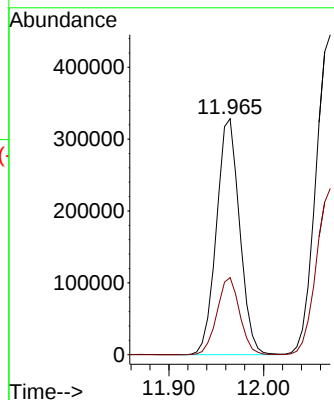
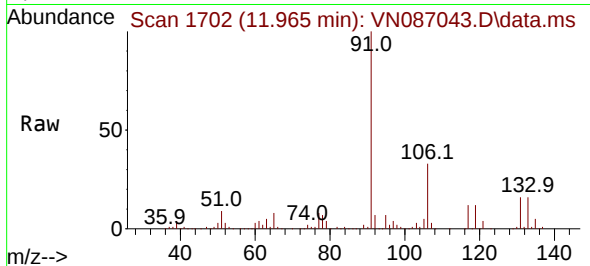




#67
Ethyl Benzene
Concen: 59.064 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

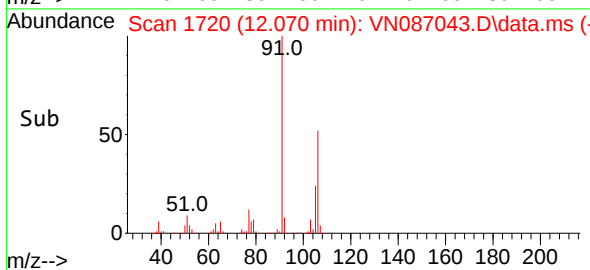
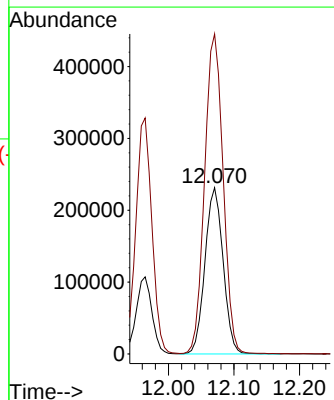
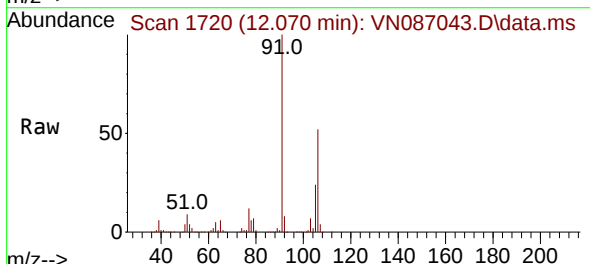
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

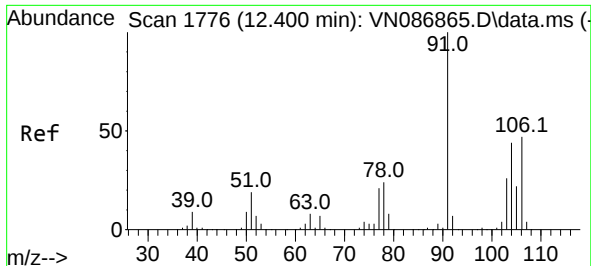
Tgt Ion: 91 Resp: 558184
Ion Ratio Lower Upper
91 100
106 32.7 25.4 38.2



#68
m/p-Xylenes
Concen: 123.242 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion: 106 Resp: 445846
Ion Ratio Lower Upper
106 100
91 195.8 159.4 239.0

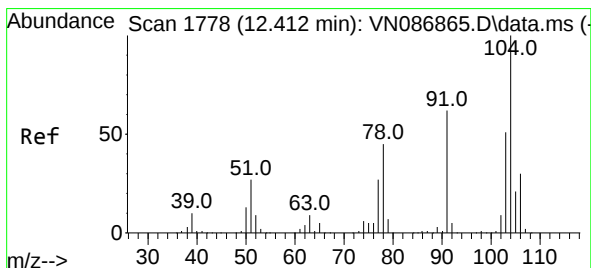
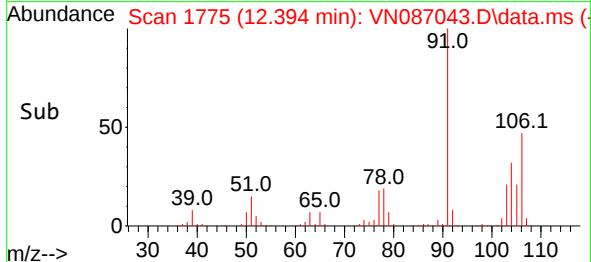
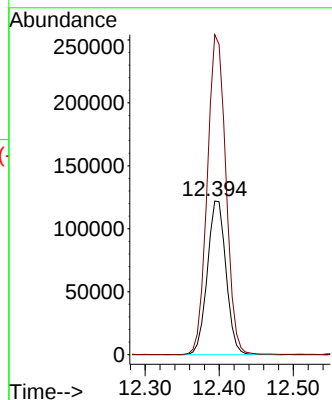
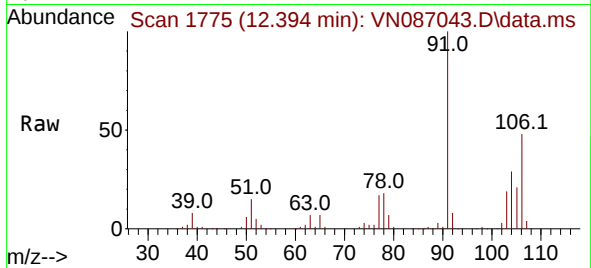




#69
o-Xylene
Concen: 61.650 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

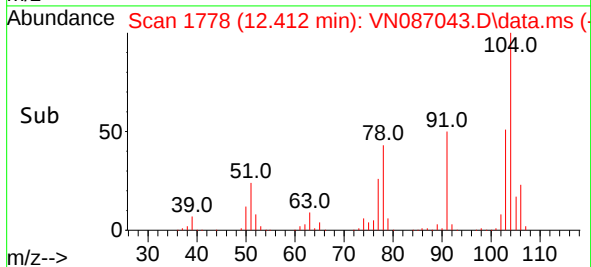
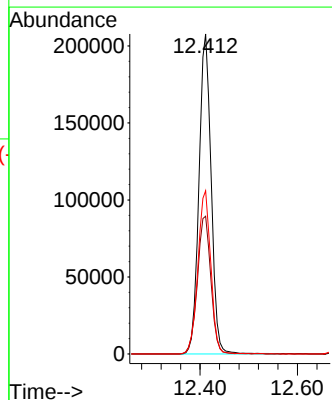
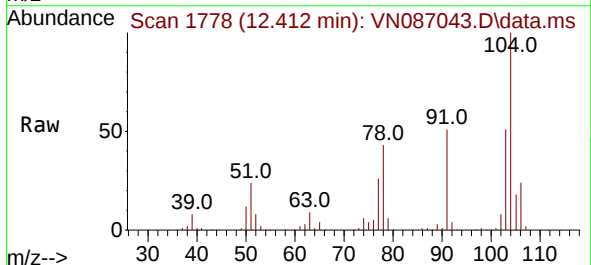
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

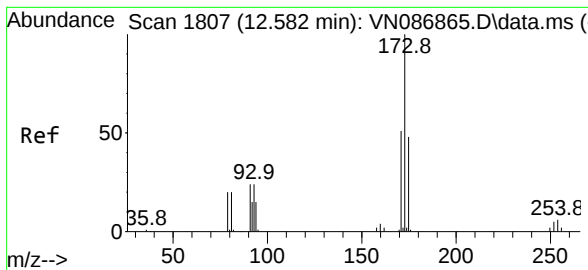
Tgt Ion:106 Resp: 213602
Ion Ratio Lower Upper
106 100
91 208.3 106.1 318.1



#70
Styrene
Concen: 61.068 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion:104 Resp: 362064
Ion Ratio Lower Upper
104 100
78 47.6 38.5 57.7
103 54.0 43.1 64.7

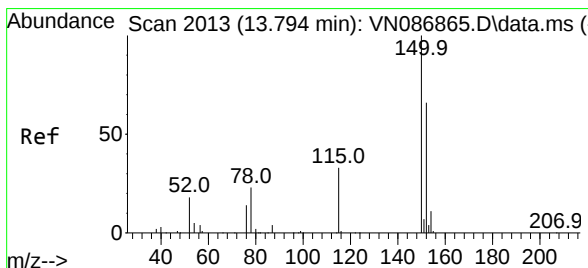
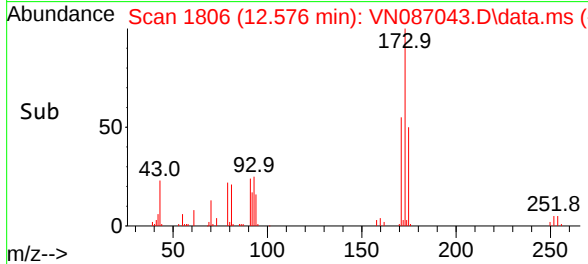
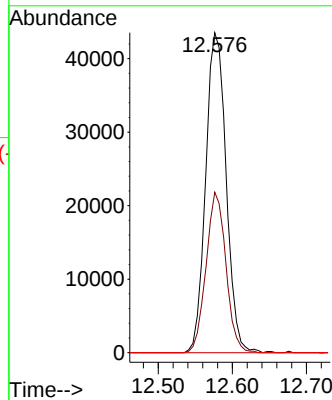
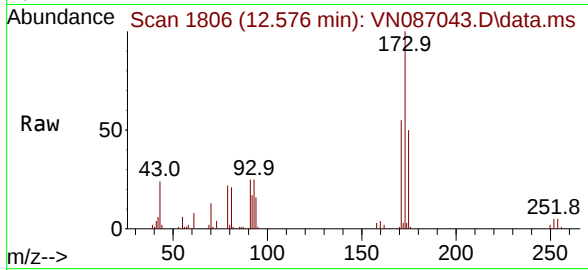




#71
Bromoform
Concen: 63.976 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

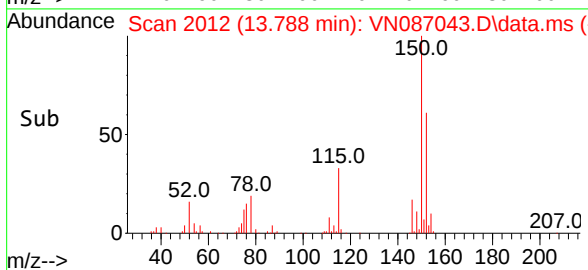
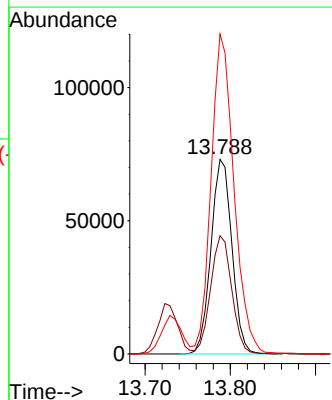
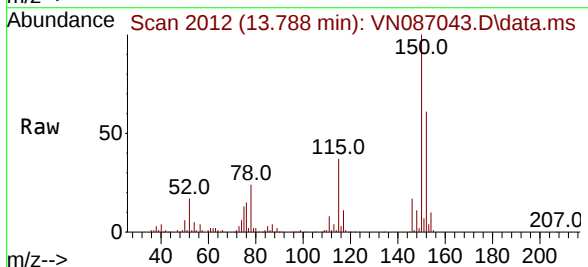
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

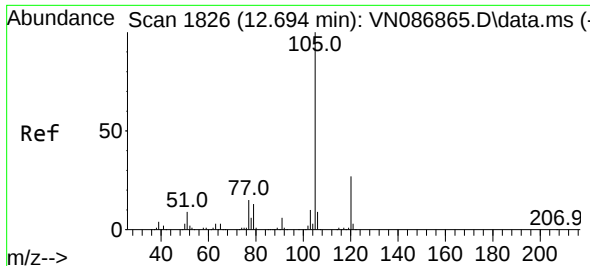
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.1	72.4
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.3	30.1	90.5
150	179.6	0.0	345.0

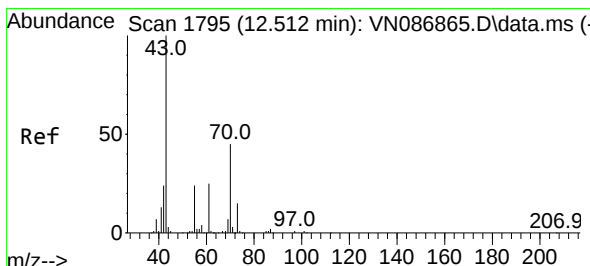
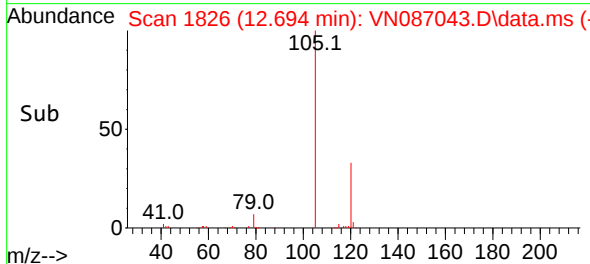
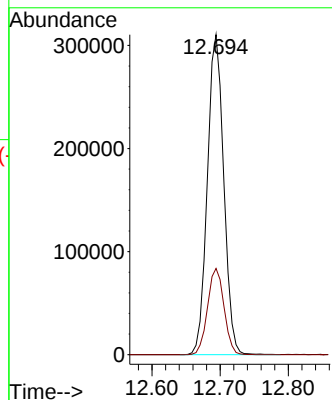
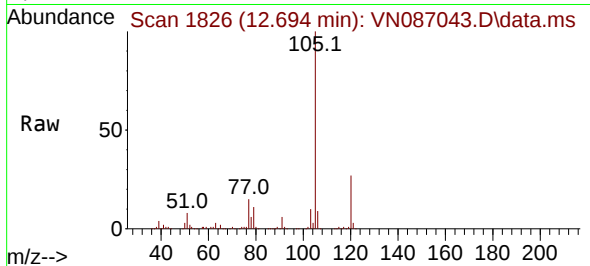




#73
Isopropylbenzene
Concen: 56.900 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

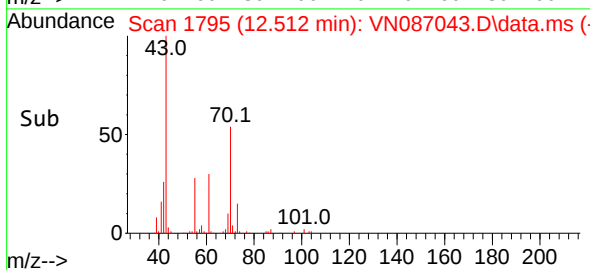
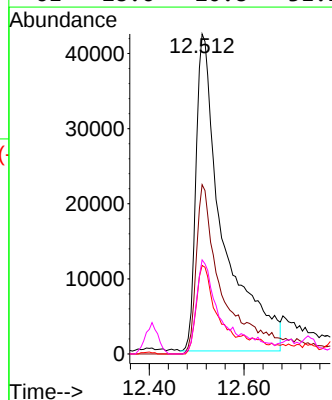
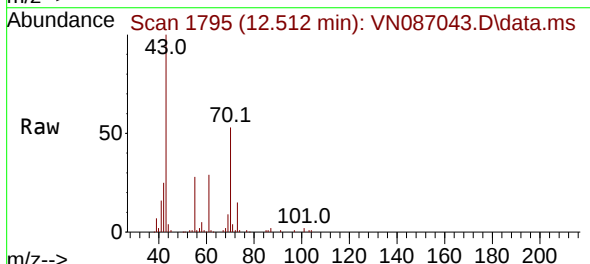
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

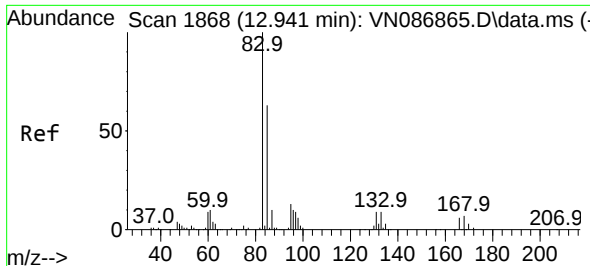
Tgt Ion:105 Resp: 518565
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4



#74
N-ethyl acetate
Concen: 52.461 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion: 43 Resp: 167071
Ion Ratio Lower Upper
43 100
70 43.5 37.6 56.4
55 21.2 19.0 28.6
61 28.6 20.8 31.2

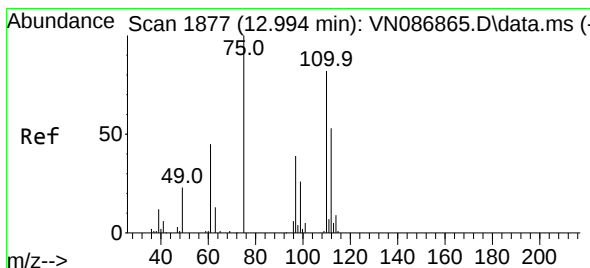
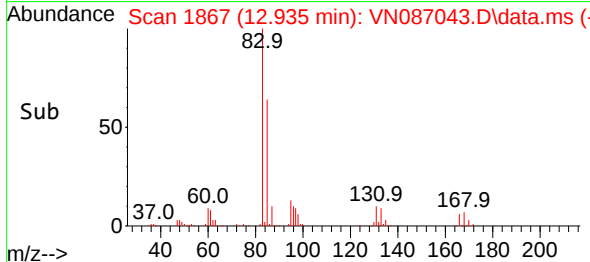
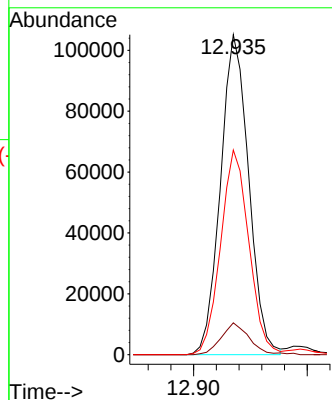
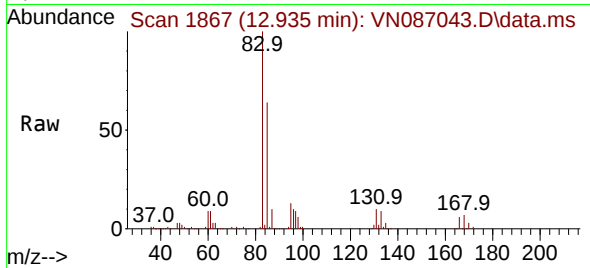




#75
1,1,2,2-Tetrachloroethane
Concen: 58.697 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

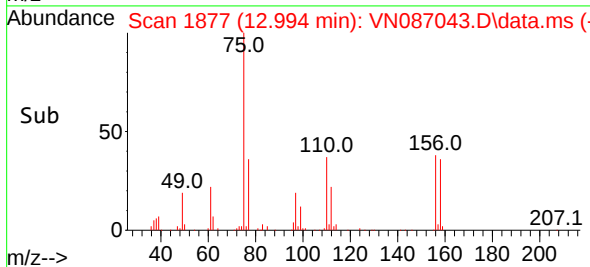
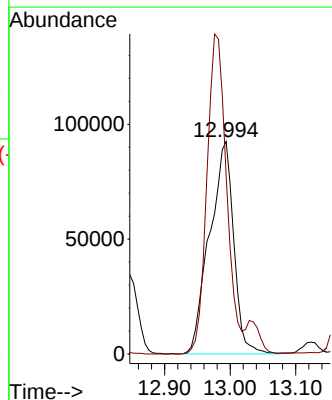
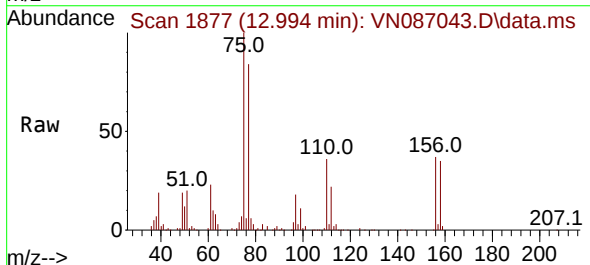
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

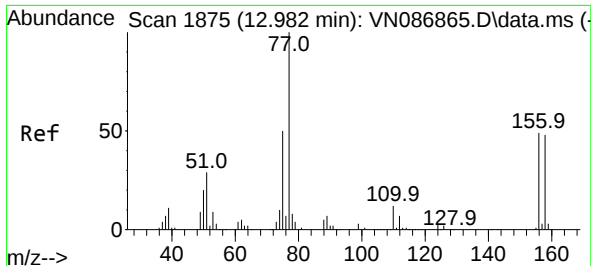
Tgt Ion: 83 Resp: 181226
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 64.1 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 79.583 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion: 75 Resp: 236653
Ion Ratio Lower Upper
75 100
77 122.2 79.3 237.9

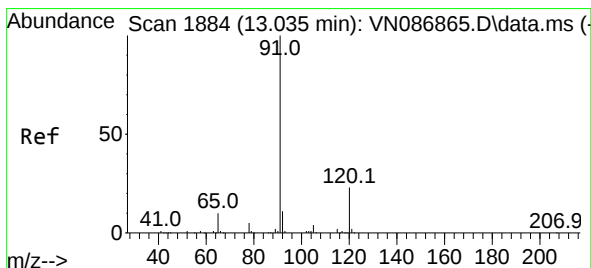
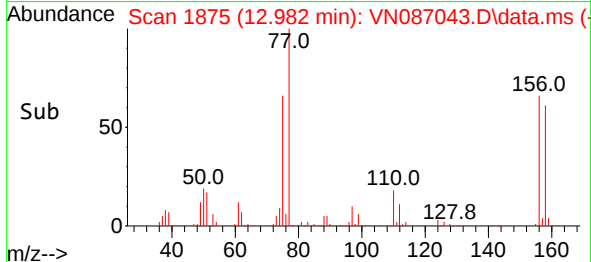
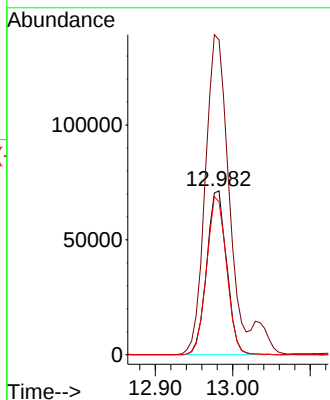
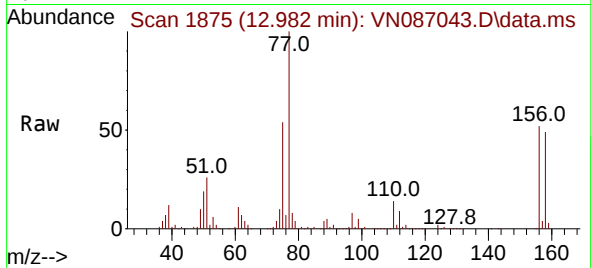




#77
Bromobenzene
Concen: 61.163 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

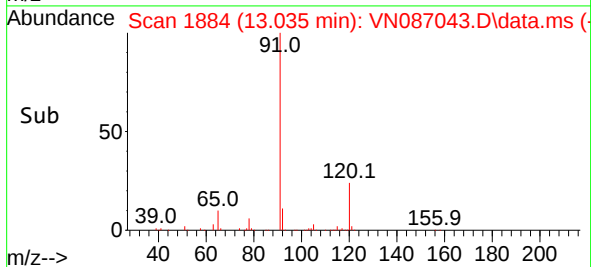
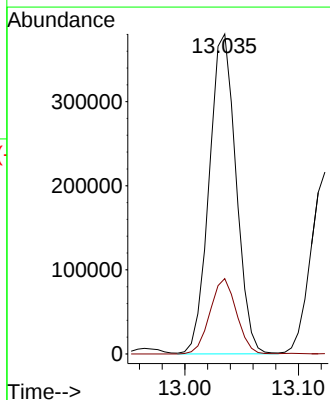
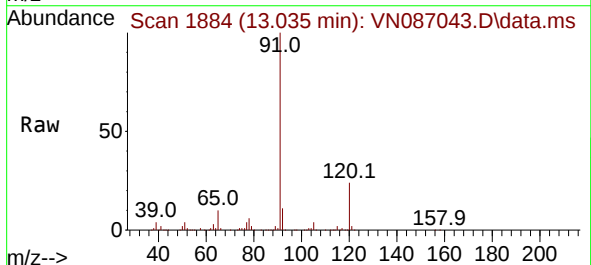
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

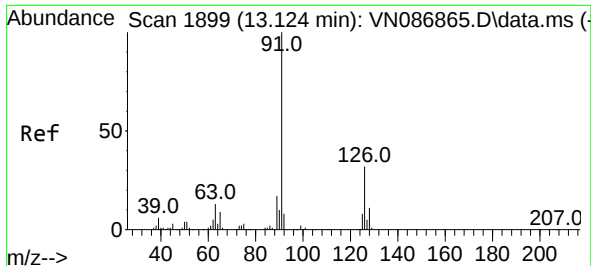
Tgt Ion:156 Resp: 127836
Ion Ratio Lower Upper
156 100
77 226.2 117.7 353.1
158 96.7 48.1 144.4



#78
n-propylbenzene
Concen: 56.405 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion: 91 Resp: 624715
Ion Ratio Lower Upper
91 100
120 23.2 11.4 34.2

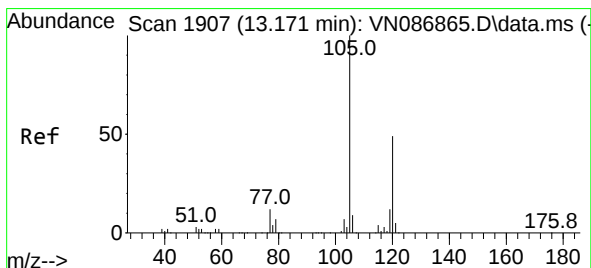
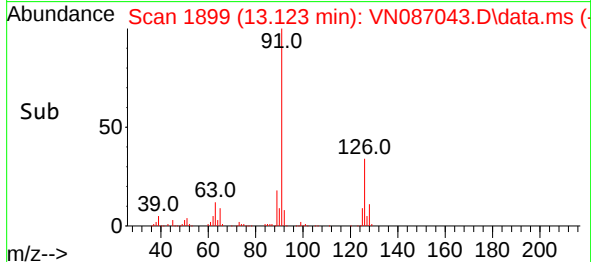
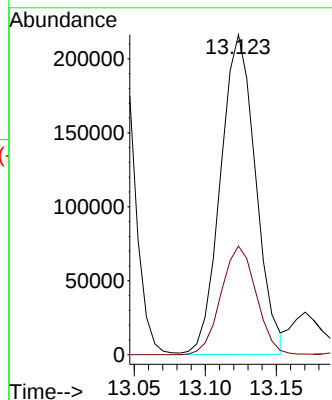
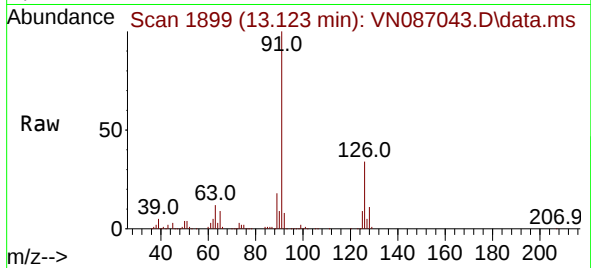




#79
2-Chlorotoluene
Concen: 55.989 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

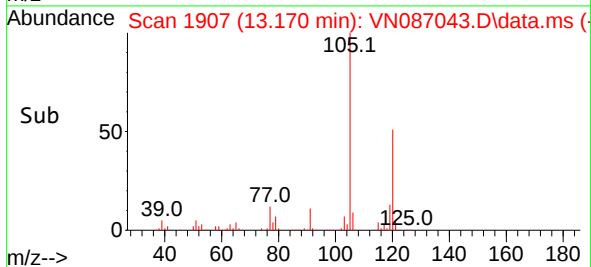
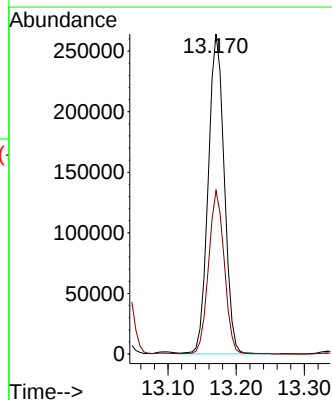
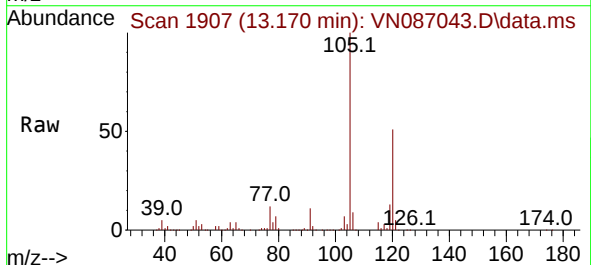
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 371883
Ion Ratio Lower Upper
91 100
126 34.0 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 57.226 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion:105 Resp: 430588
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.6

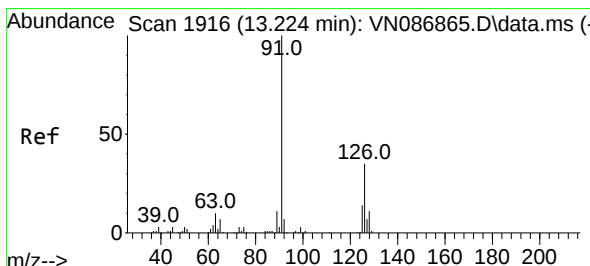
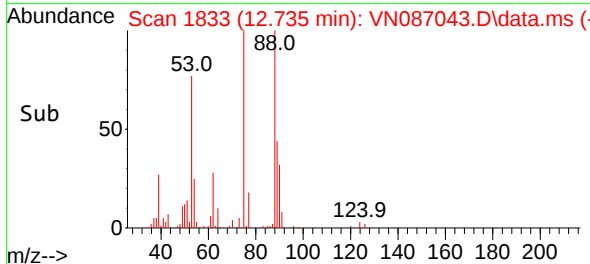
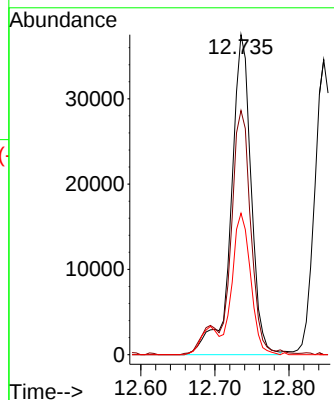
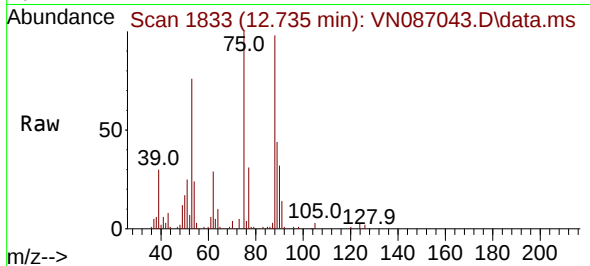




#81
trans-1,4-Dichloro-2-butene
Concen: 54.481 ug/l
RT: 12.735 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

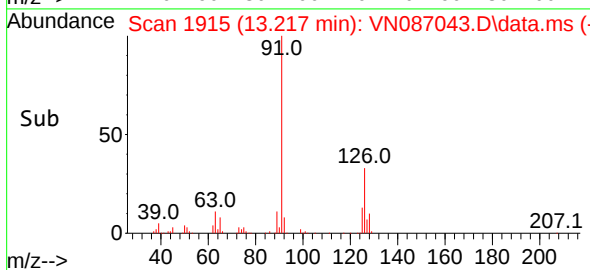
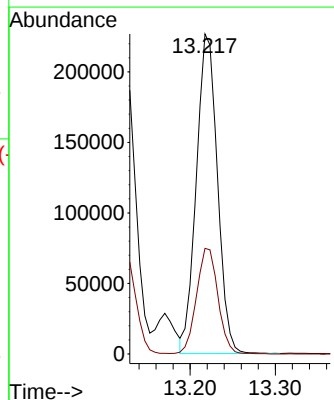
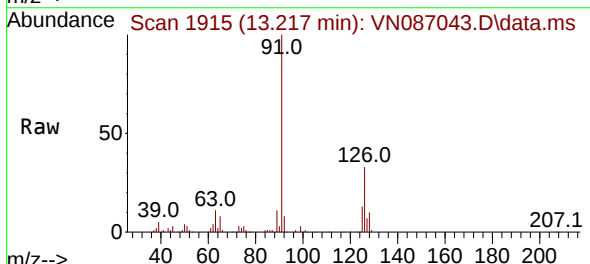
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

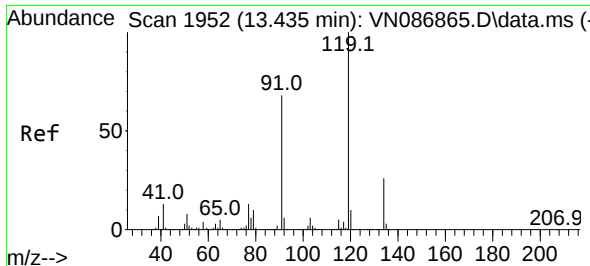
Tgt Ion: 75 Resp: 70379
Ion Ratio Lower Upper
75 100
53 71.7 66.6 99.8
89 40.8 36.7 55.1



#82
4-Chlorotoluene
Concen: 57.939 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion: 91 Resp: 389388
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.1

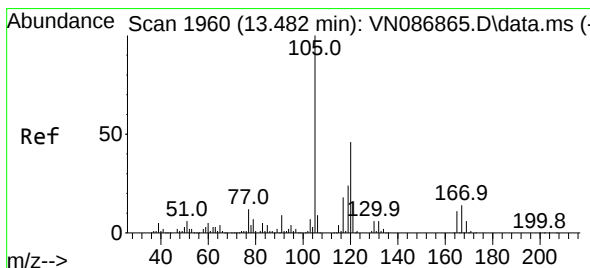
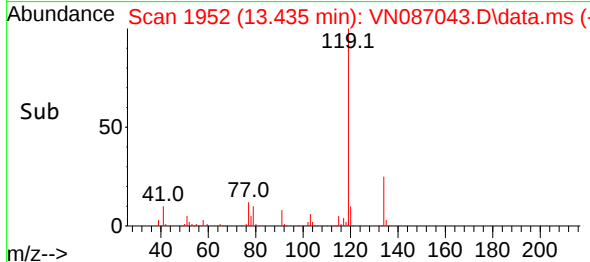
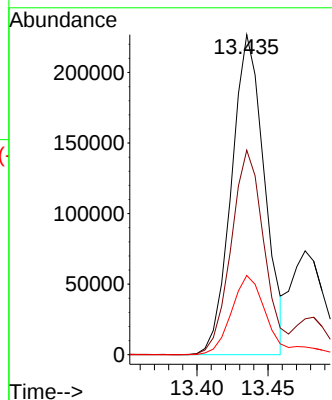
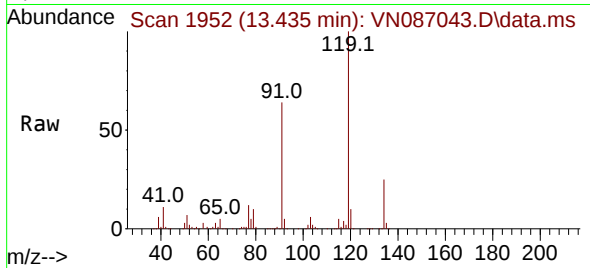




#83
 tert-Butylbenzene
 Concen: 53.184 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN087043.D
 Acq: 16 Jun 2025 19:28

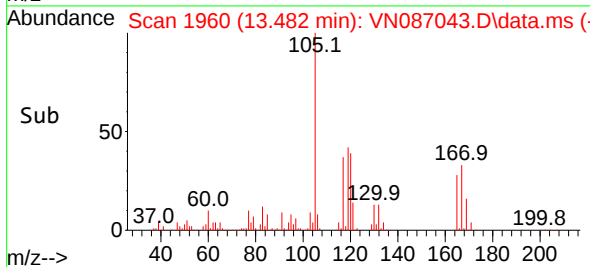
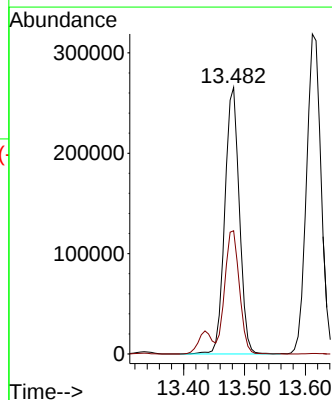
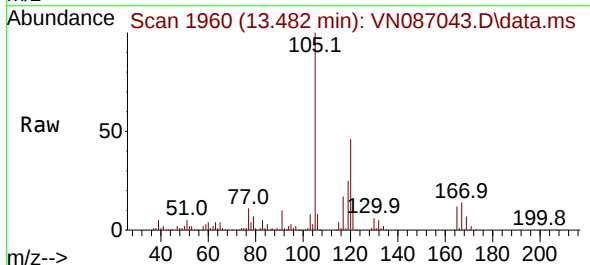
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

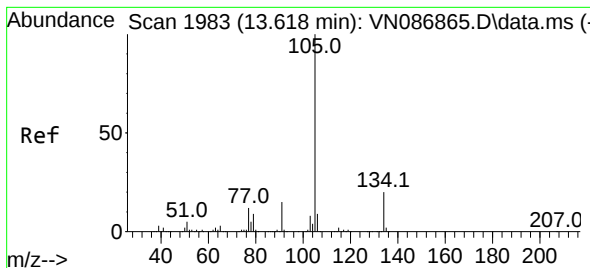
Tgt Ion:119 Resp: 366311
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.1 96.5
 134 27.2 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 58.356 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN087043.D
 Acq: 16 Jun 2025 19:28

Tgt Ion:105 Resp: 440310
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 52.901 ug/l

RT: 13.611 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:28

Instrument :

MSVOA_N

ClientSampleId :

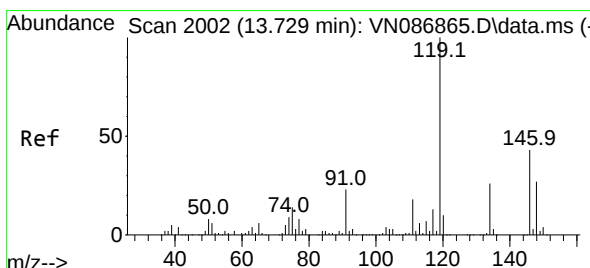
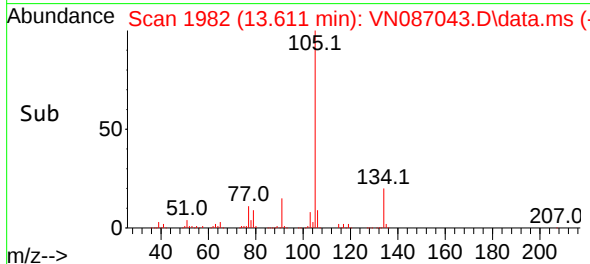
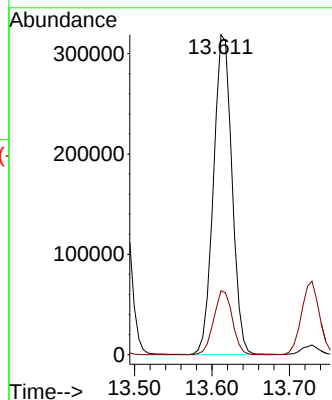
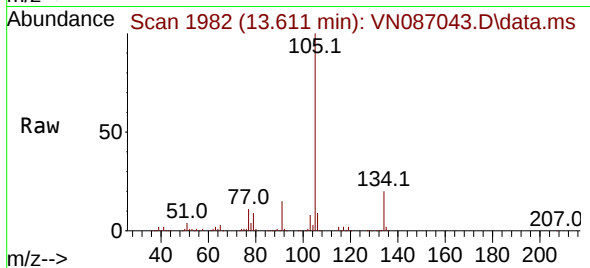
VSTDCCC050EC

Tgt Ion:105 Resp: 529139

Ion Ratio Lower Upper

105 100

134 20.1 10.0 30.0



#86

p-Isopropyltoluene

Concen: 53.702 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:28

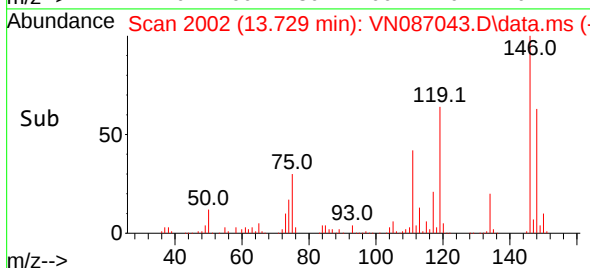
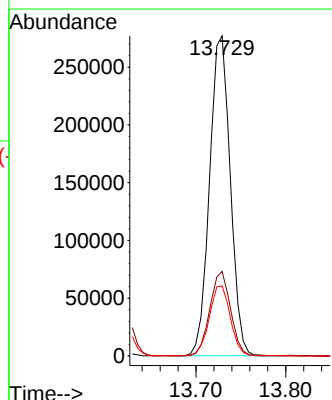
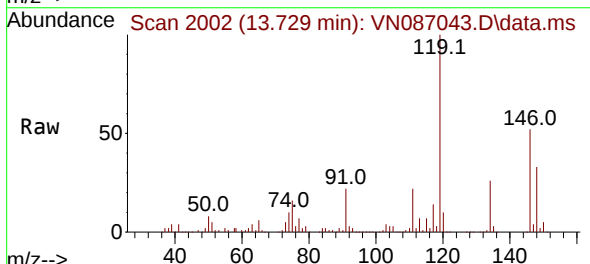
Tgt Ion:119 Resp: 444022

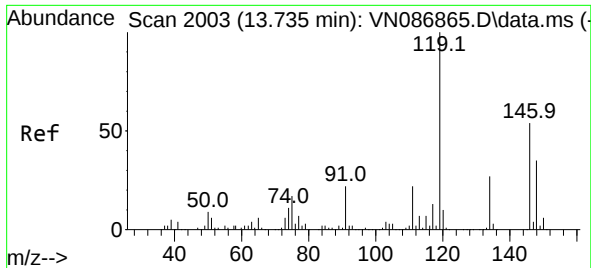
Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

91 22.4 11.5 34.4

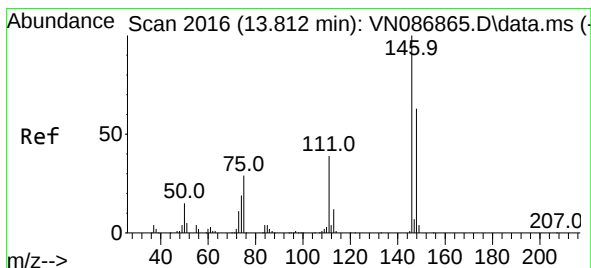
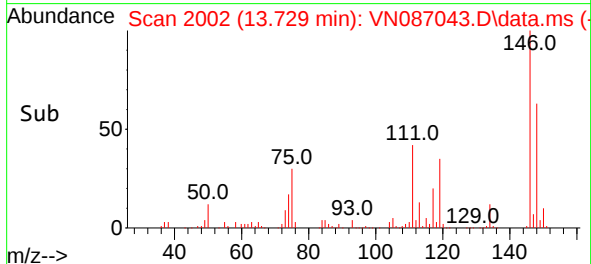
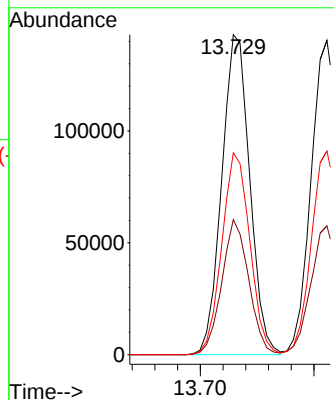
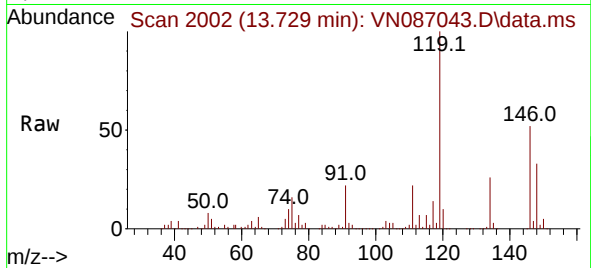




#87
 1,3-Dichlorobenzene
 Concen: 59.542 ug/l
 RT: 13.729 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN087043.D
 Acq: 16 Jun 2025 19:28

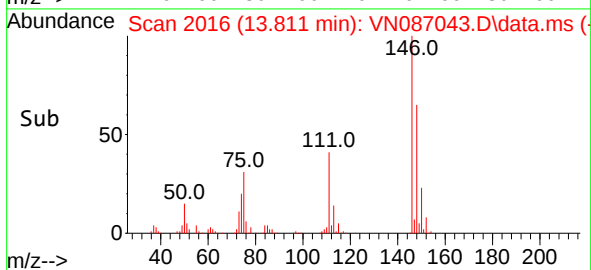
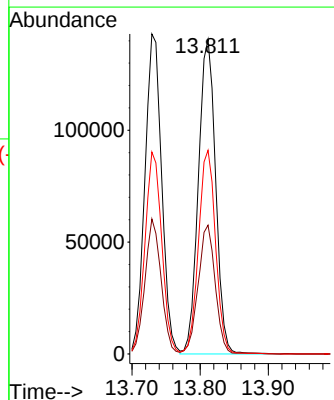
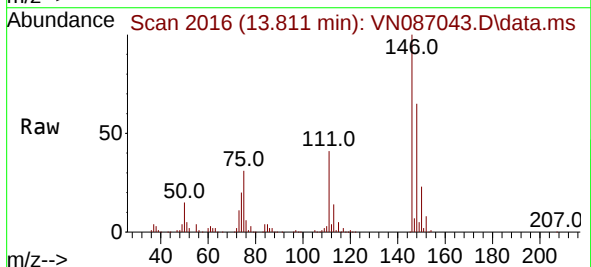
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

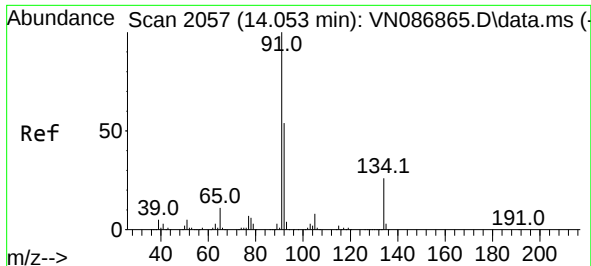
Tgt Ion:146 Resp: 244846
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.9 62.8
 148 63.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 58.844 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN087043.D
 Acq: 16 Jun 2025 19:28

Tgt Ion:146 Resp: 246700
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.9 59.7
 148 64.1 31.8 95.4

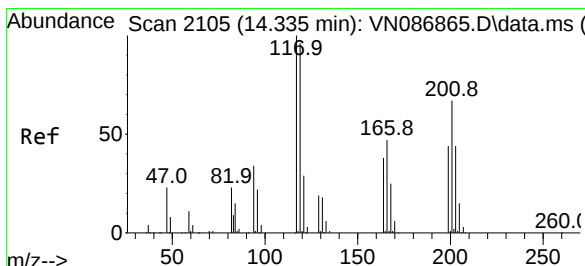
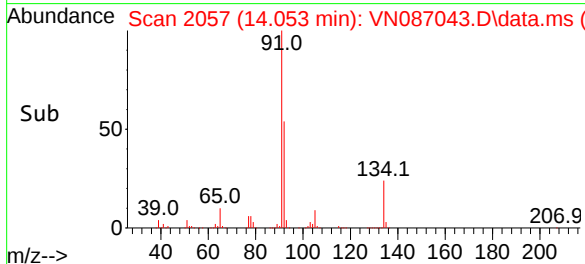
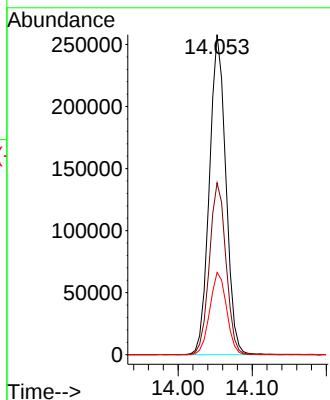
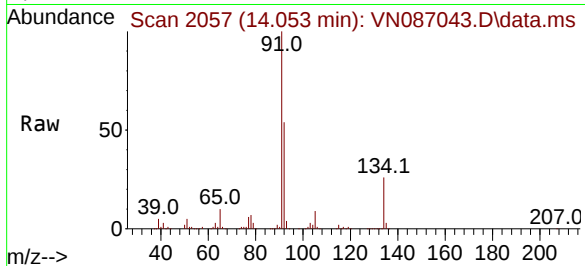




#89
n-Butylbenzene
Concen: 49.751 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

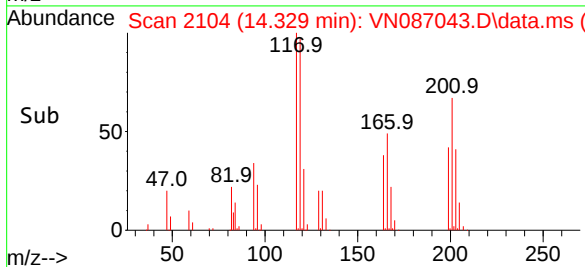
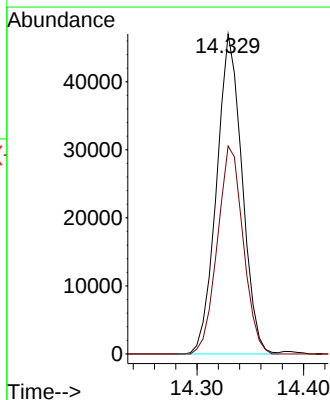
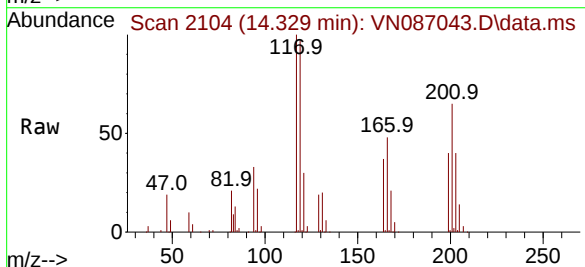
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 398439
Ion Ratio Lower Upper
91 100
92 54.1 27.5 82.4
134 26.1 13.0 39.0



#90
Hexachloroethane
Concen: 55.705 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion: 117 Resp: 78071
Ion Ratio Lower Upper
117 100
201 65.8 33.2 99.6

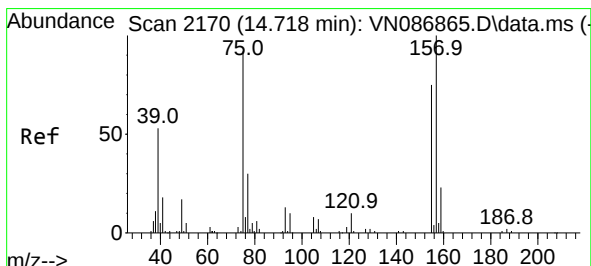
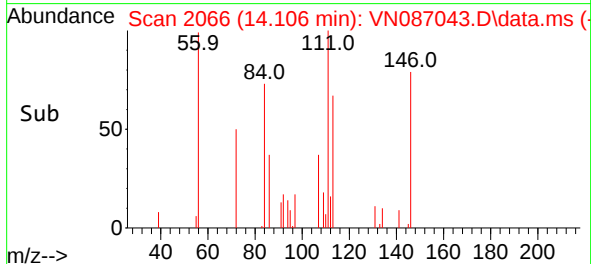
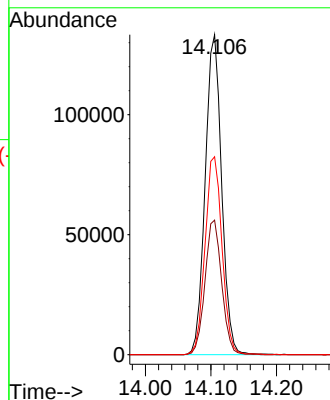
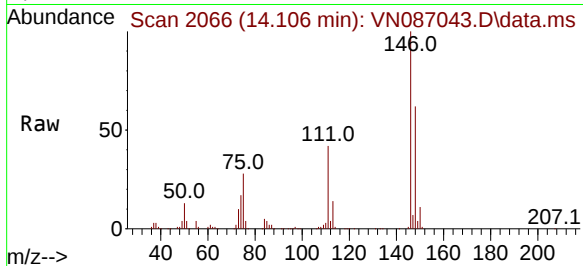




#91
1,2-Dichlorobenzene
Concen: 58.948 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

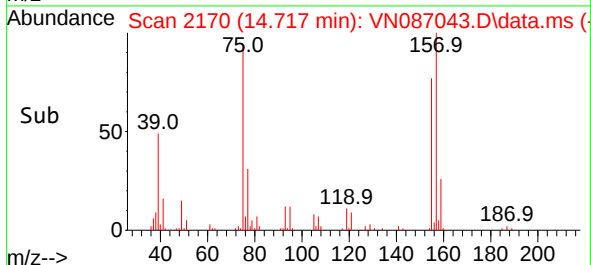
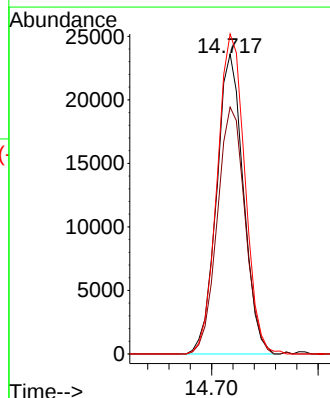
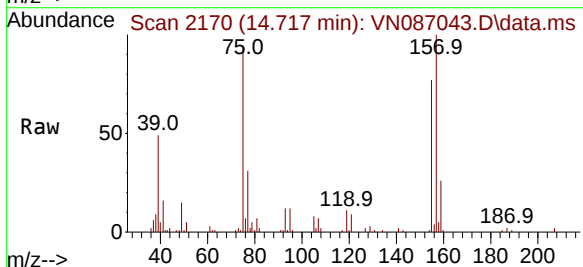
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

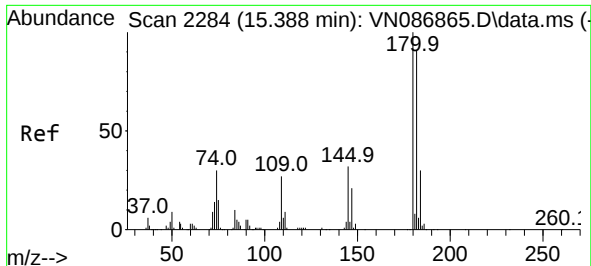
Tgt Ion:146 Resp: 232889
Ion Ratio Lower Upper
146 100
111 42.8 21.6 64.6
148 64.0 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.760 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion: 75 Resp: 41172
Ion Ratio Lower Upper
75 100
155 85.2 41.1 123.4
157 110.0 52.7 158.1

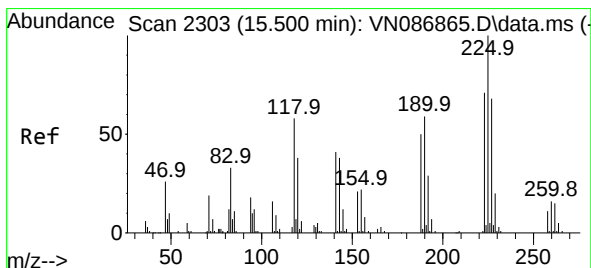
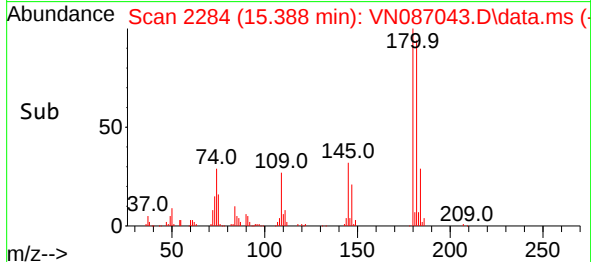
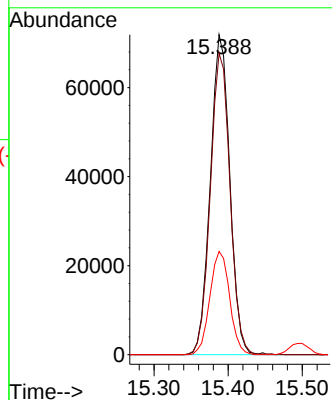
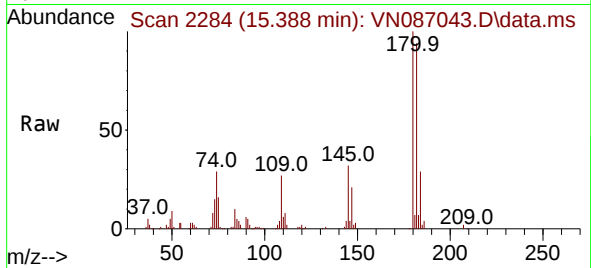




#93
1,2,4-Trichlorobenzene
Concen: 52.007 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

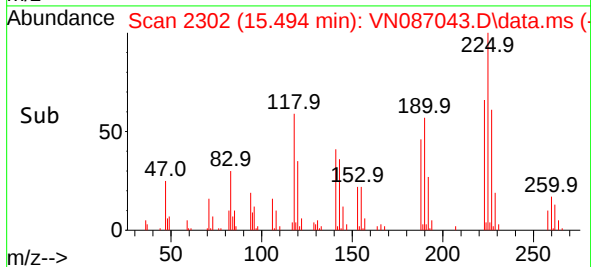
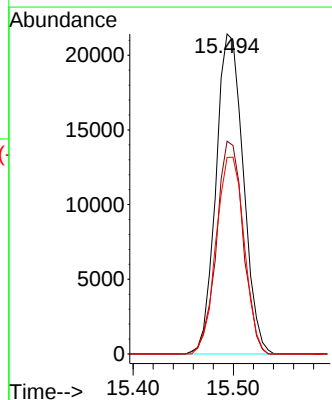
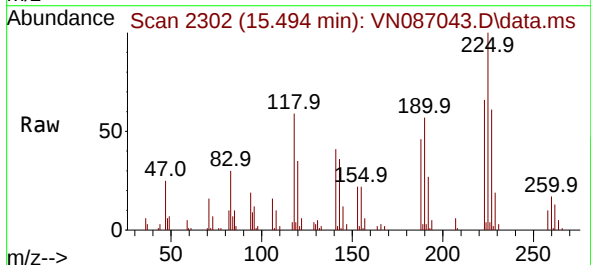
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

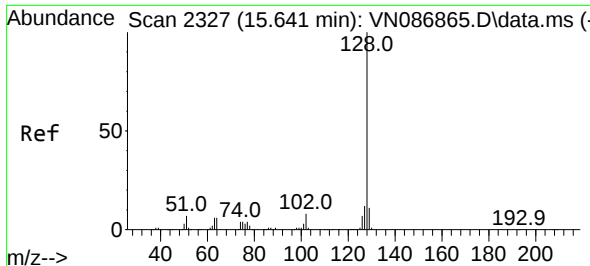
Tgt Ion:180 Resp: 131203
Ion Ratio Lower Upper
180 100
182 95.3 46.9 140.7
145 32.7 16.0 47.9



#94
Hexachlorobutadiene
Concen: 43.183 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion:225 Resp: 40588
Ion Ratio Lower Upper
225 100
223 64.8 33.5 100.4
227 63.2 31.1 93.5

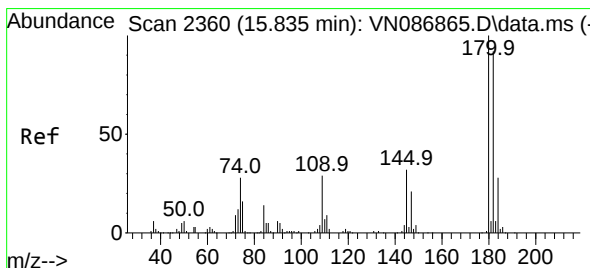
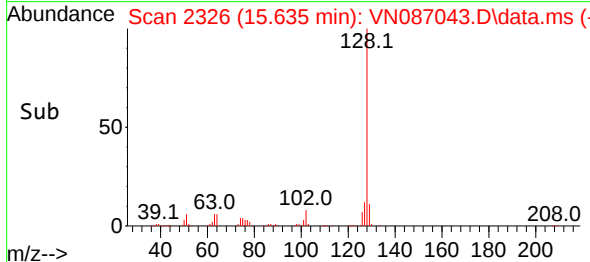
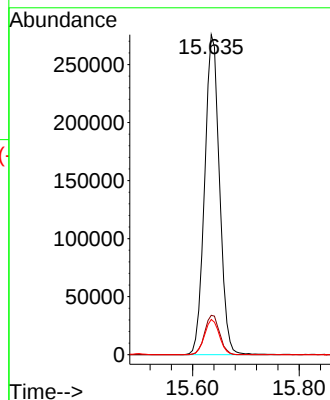
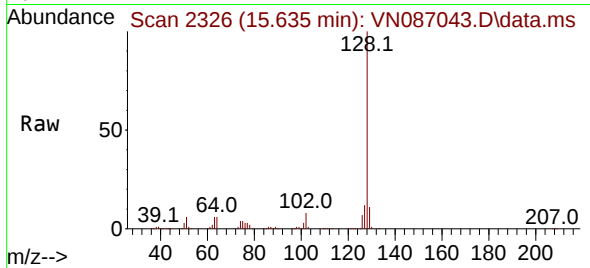




#95
Naphthalene
Concen: 56.699 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 532416
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.661 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:28

Tgt Ion:180 Resp: 126983
Ion Ratio Lower Upper
180 100
182 96.3 47.0 141.0
145 33.5 16.6 49.8

