

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
 Data File : VN086667.D
 Acq On : 16 May 2025 15:09
 Operator : JC\MD
 Sample : VSTDC00020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC00020EC

Quant Time: May 16 23:04:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 04:42:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	29278	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	176465	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	163762	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	83245	29.490	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.300%
60) 4-Bromofluorobenzene	12.847	95	92249	28.661	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.533%
63) Toluene-d8	10.565	98	265722	29.494	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	42833	21.191	ug/l	92
3) Chloromethane	2.359	50	57227	19.931	ug/l	96
4) Vinyl Chloride	2.512	62	55189	20.069	ug/l	98
5) Bromomethane	2.965	94	31254	21.769	ug/l	92
6) Chloroethane	3.124	64	36903	20.129	ug/l	99
7) Trichlorofluoromethane	3.500	101	70650	21.765	ug/l	99
8) Diethyl Ether	3.965	74	28808	21.025	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	44150	22.124	ug/l	99
10) 1,1-Dichloroethene	4.342	96	42968	21.037	ug/l	98
11) Methyl Iodide	4.589	142	46788	19.578	ug/l	97
12) Methyl Acetate	5.018	43	66441	22.950	ug/l	94
13) Acrolein	4.177	56	15149	110.296	ug/l	99
14) Acrylonitrile	5.718	53	120978	112.278	ug/l	98
15) Acetone	4.424	58	35500	119.567	ug/l	77
16) Carbon Disulfide	4.712	76	105504	19.603	ug/l	99
17) Allyl chloride	5.024	41	66270	20.291	ug/l	98
18) Methylene Chloride	5.271	84	51012	21.931	ug/l	97
19) trans-1,2-Dichloroethene	5.789	96	44737	20.549	ug/l	98
20) Diisopropyl ether	6.665	45	156935	20.209	ug/l	98
21) 1,1-Dichloroethane	6.565	63	89039	20.947	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	56668	20.817	ug/l	97
23) tert-Butyl Alcohol	5.512	59	45321	108.579	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	155078	20.550	ug/l	97
25) Chloroform	7.965	83	91128	21.183	ug/l	97
26) Cyclohexane	8.253	56	70714	18.841	ug/l #	99
29) 1,1-Dichloropropene	8.371	75	61522	19.776	ug/l	97
30) 2-Butanone	7.483	43	159989	105.956	ug/l	98
31) 2,2-Dichloropropane	7.488	77	79460	19.870	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	78050	20.995	ug/l	98
33) Carbon Tetrachloride	8.359	117	63498	20.749	ug/l	98
34) Benzene	8.600	78	206586	20.878	ug/l	96
35) Methacrylonitrile	7.777	41	33759	19.600	ug/l	95
36) 1,2-Dichloroethane	8.665	62	66054	20.562	ug/l	98
37) Trichloroethene	9.347	130	50871	20.537	ug/l	95
38) Methylcyclohexane	9.600	83	67952	18.913	ug/l	98
39) 1,2-Dichloropropane	9.618	63	50839	20.798	ug/l	100
40) Dibromomethane	9.706	93	33594	20.550	ug/l	94
41) Bromodichloromethane	9.882	83	71536	20.679	ug/l	95
42) Vinyl Acetate	6.600	43	540993	103.428	ug/l	99

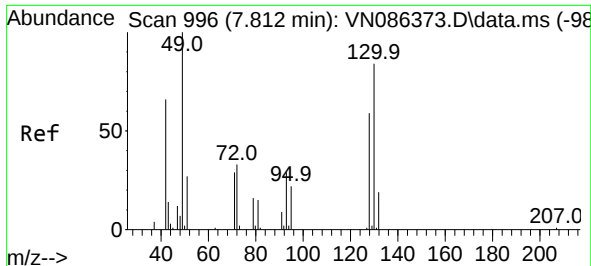
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
 Data File : VN086667.D
 Acq On : 16 May 2025 15:09
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: May 16 23:04:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 04:42:24 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	64098	21.451	ug/l	96
44) Isopropyl Acetate	8.682	43	114996	20.277	ug/l	98
45) 1,4-Dioxane	9.694	88	20723	468.328	ug/l #	95
46) Methyl methacrylate	9.677	41	50658	19.365	ug/l	95
47) n-amyl Acetate	12.488	43	93364	19.315	ug/l	97
48) t-1,3-Dichloropropene	10.835	75	75862	19.615	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	81670	20.025	ug/l	94
50) 1,1,2-Trichloroethane	11.012	97	48587	21.279	ug/l	98
51) Ethyl methacrylate	10.871	69	79878	20.087	ug/l	94
52) 1,3-Dichloropropane	11.159	76	85433	21.170	ug/l	98
53) Dibromochloromethane	11.353	129	53147	20.729	ug/l	99
54) 1,2-Dibromoethane	11.465	107	49573	21.353	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	171184	91.559	ug/l	99
56) Bromoform	12.576	173	34998	21.035	ug/l	97
58) 4-Methyl-2-Pentanone	10.441	43	328725	103.731	ug/l	99
59) 2-Hexanone	11.194	43	240733	103.083	ug/l	97
61) Tetrachloroethene	11.100	164	51397	20.578	ug/l	95
62) Toluene	10.629	91	229064	20.897	ug/l	100
64) Chlorobenzene	11.888	112	142825	20.911	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	48841	21.386	ug/l	98
66) Ethyl Benzene	11.959	91	248804	20.165	ug/l	99
67) m/p-Xylenes	12.070	106	191052	40.810	ug/l	99
68) o-Xylene	12.394	106	92502	20.180	ug/l	98
69) Styrene	12.406	104	153474	19.754	ug/l	99
70) Isopropylbenzene	12.694	105	225383	19.697	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	68295	22.668	ug/l	97
72) 1,2,3-Trichloropropane	12.988	75	91752	34.930	ug/l	41
73) Bromobenzene	12.976	156	54371	20.669	ug/l	98
74) n-propylbenzene	13.035	91	262775	19.326	ug/l	98
75) 2-Chlorotoluene	13.123	91	167624	19.748	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	183303	19.524	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	25438	19.082	ug/l	95
78) 4-Chlorotoluene	13.217	91	165712	19.526	ug/l	100
79) tert-butylbenzene	13.435	119	156339	19.443	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	183125	19.099	ug/l	97
81) sec-Butylbenzene	13.612	105	221288	19.280	ug/l	99
82) p-Isopropyltoluene	13.723	119	179398	18.679	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	95735	19.252	ug/l	100
84) 1,4-Dichlorobenzene	13.812	146	95778	19.494	ug/l	98
85) n-Butylbenzene	14.053	91	151476	17.675	ug/l	99
86) Hexachloroethane	14.329	117	28878	18.388	ug/l	97
87) 1,2-Dichlorobenzene	14.100	146	93845	19.834	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	11620	18.975	ug/l	94
89) 1,2,4-Trichlorobenzene	15.835	180	39391	18.266	ug/l	96
90) Hexachlorobutadiene	15.500	225	17204	19.805	ug/l	99
91) Naphthalene	15.635	128	138801	17.978	ug/l	98
92) 1,2,3-Trichlorobenzene	15.835	180	39391	18.266	ug/l	96

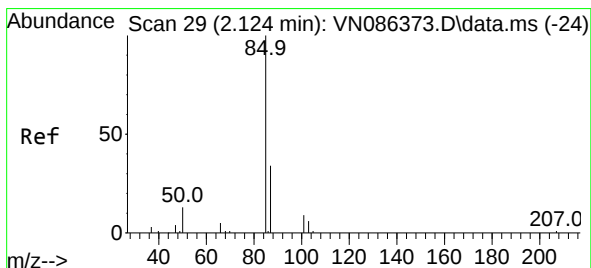
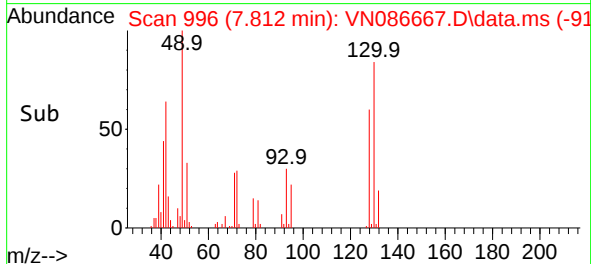
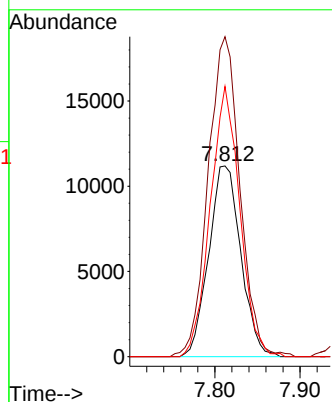
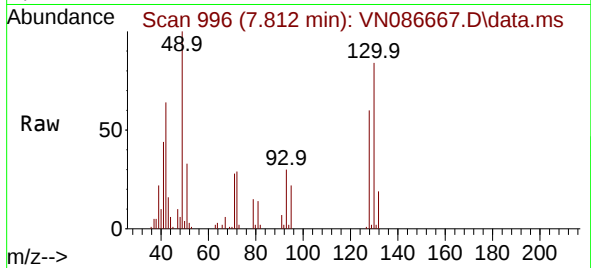
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

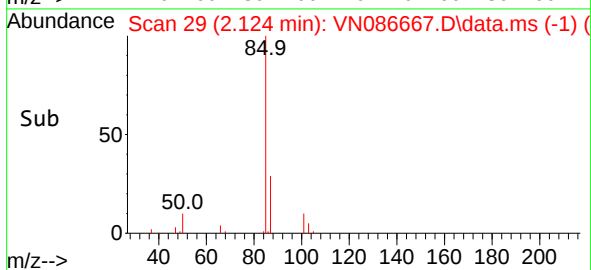
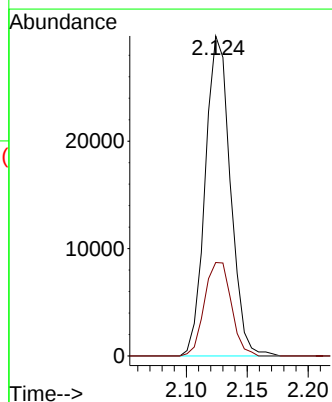
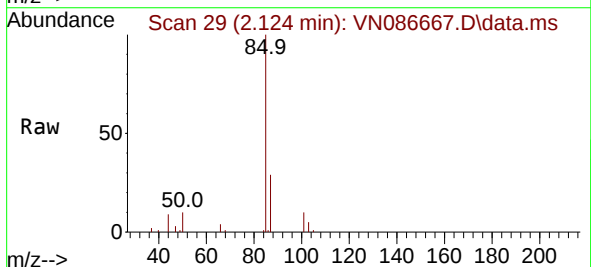
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

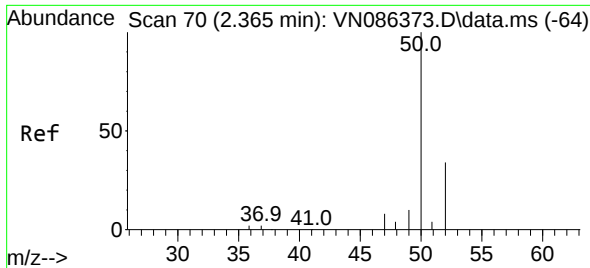
Tgt Ion:	128	Resp:	29278
Ion	Ratio	Lower	Upper
128	100		
49	166.3	0.0	433.8
130	130.5	0.0	325.0



#2
Dichlorodifluoromethane
Concen: 21.191 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion:	85	Resp:	42833
Ion	Ratio	Lower	Upper
85	100		
87	29.2	17.0	50.9

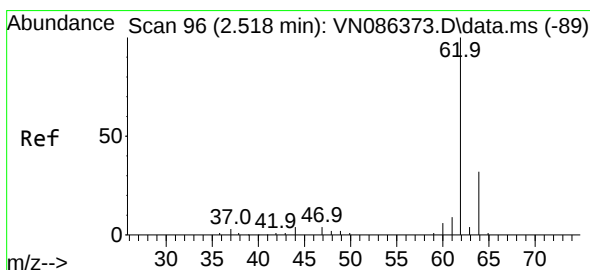
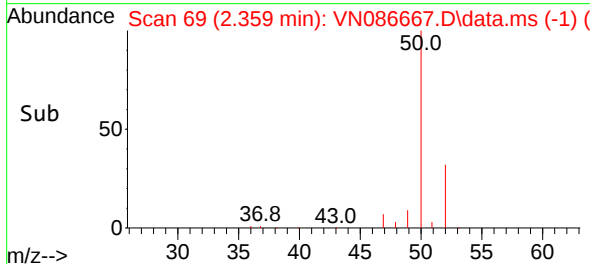
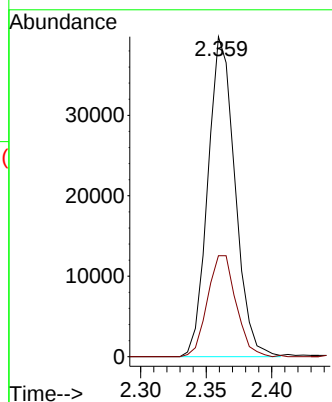
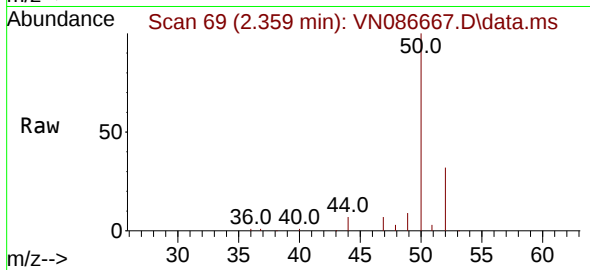




#3
Chloromethane
Concen: 19.931 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

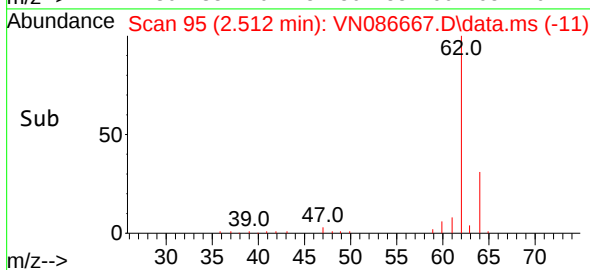
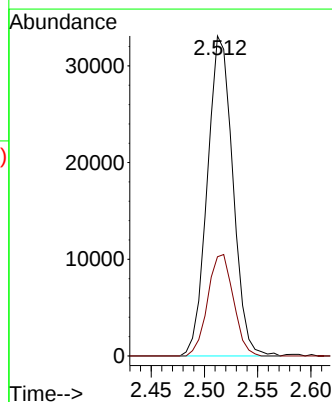
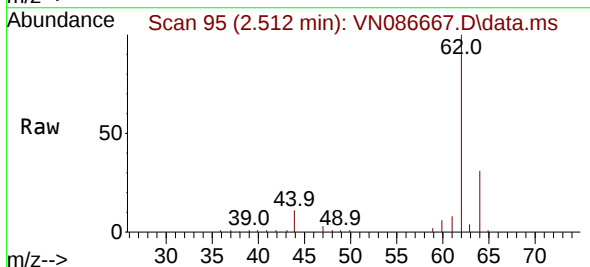
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

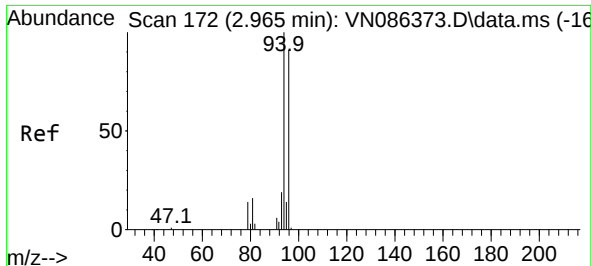
Tgt Ion: 50 Resp: 57227
Ion Ratio Lower Upper
50 100
52 31.6 27.3 40.9



#4
Vinyl Chloride
Concen: 20.069 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 62 Resp: 55189
Ion Ratio Lower Upper
62 100
64 31.0 25.8 38.8

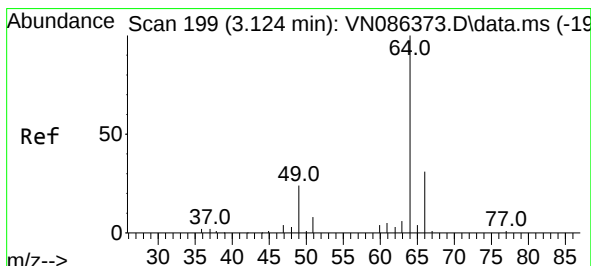
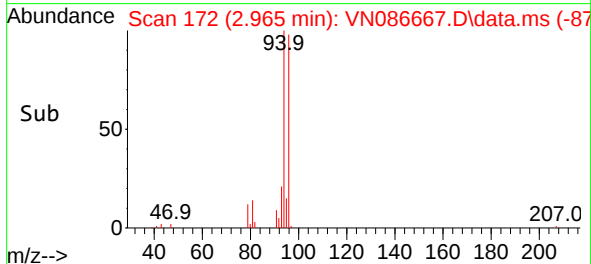
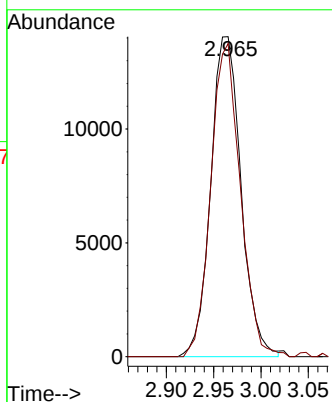
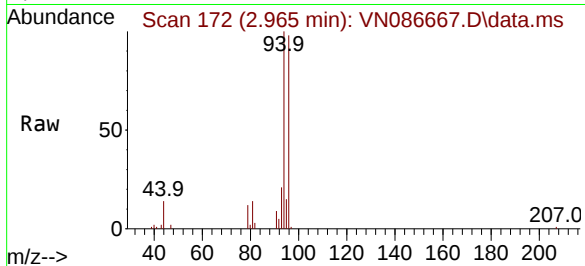




#5
Bromomethane
Concen: 21.769 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

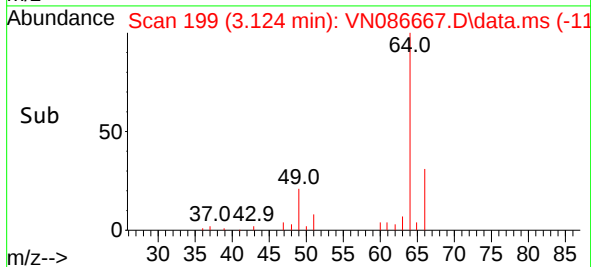
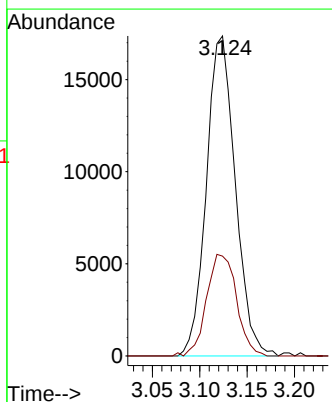
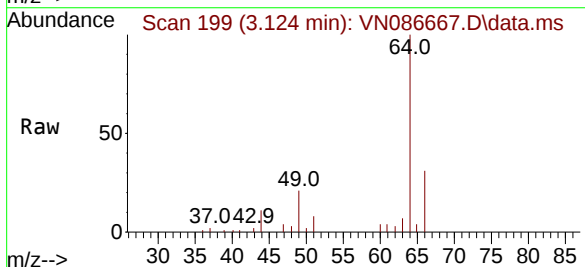
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

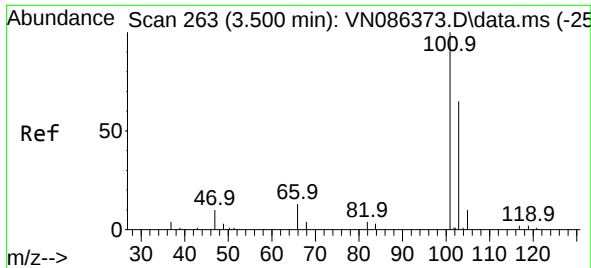
Tgt Ion: 94 Resp: 31254
Ion Ratio Lower Upper
94 100
96 97.8 72.4 108.6



#6
Chloroethane
Concen: 20.129 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 64 Resp: 36903
Ion Ratio Lower Upper
64 100
66 31.2 24.5 36.7

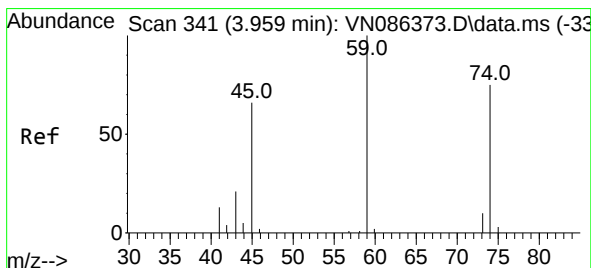
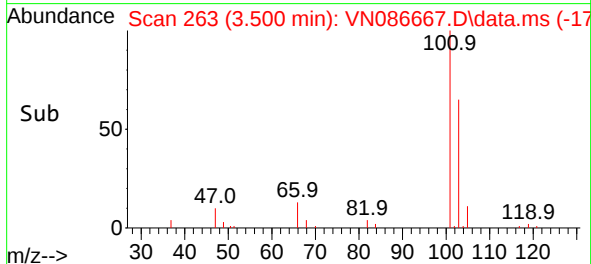
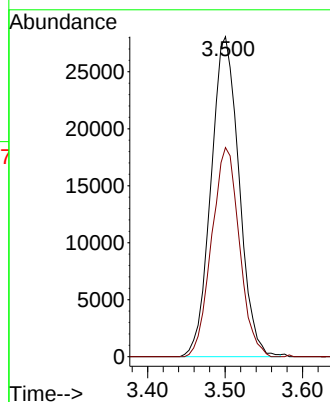
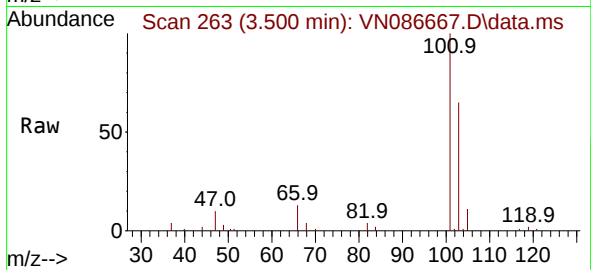




#7
 Trichlorofluoromethane
 Concen: 21.765 ug/l
 RT: 3.500 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086667.D
 Acq: 16 May 2025 15:09

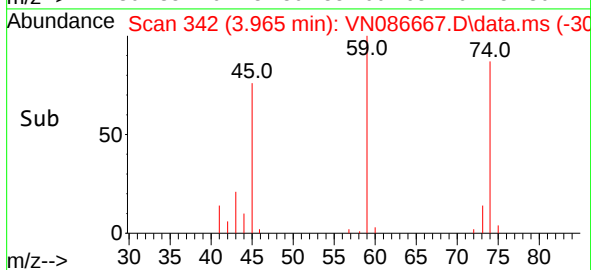
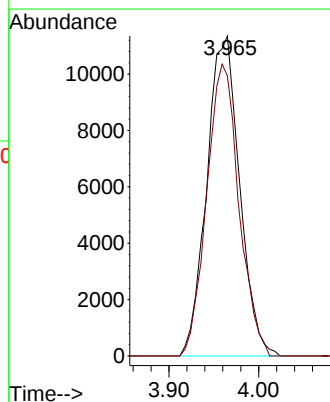
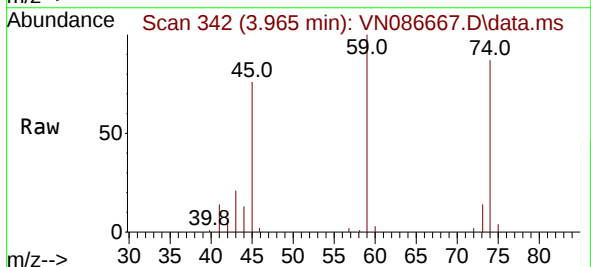
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

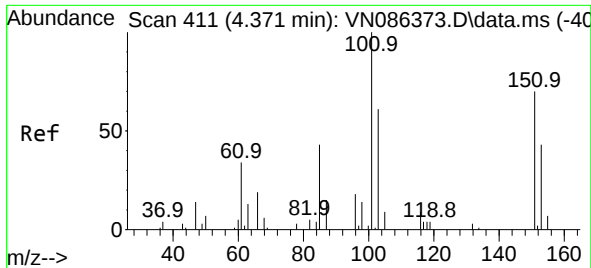
Tgt Ion:101 Resp: 70650
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.8 77.6



#8
 Diethyl Ether
 Concen: 21.025 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN086667.D
 Acq: 16 May 2025 15:09

Tgt Ion: 74 Resp: 28808
 Ion Ratio Lower Upper
 74 100
 45 89.4 18.5 166.3

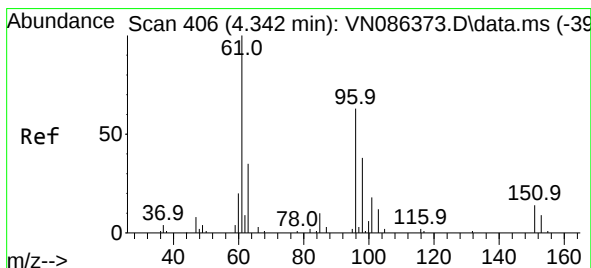
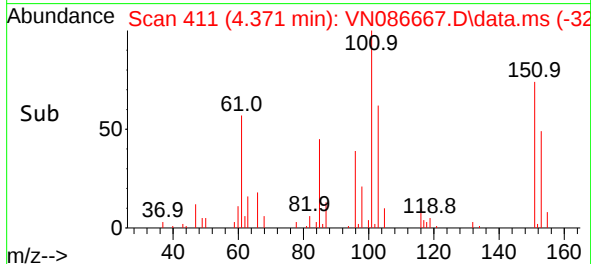
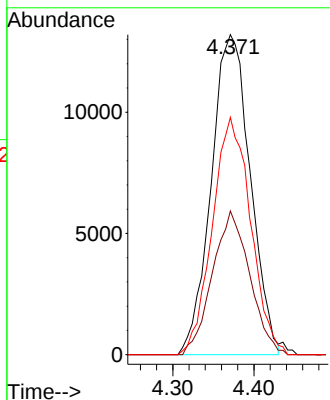
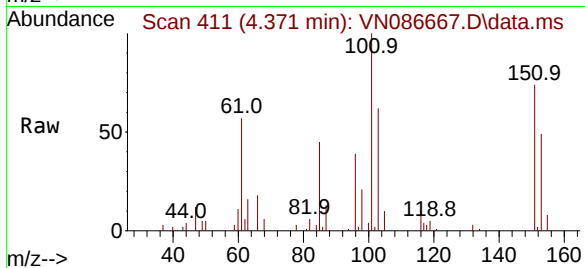




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.124 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

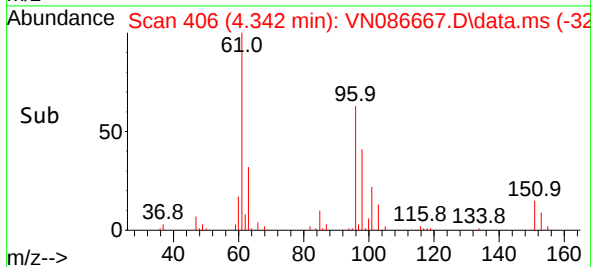
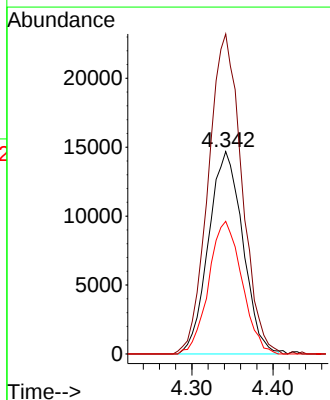
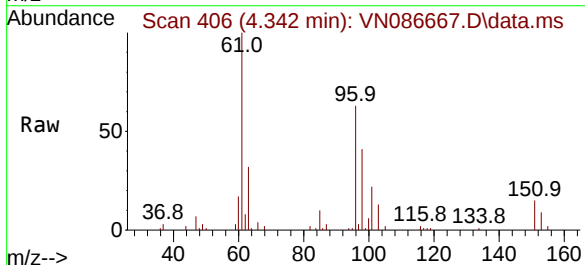
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

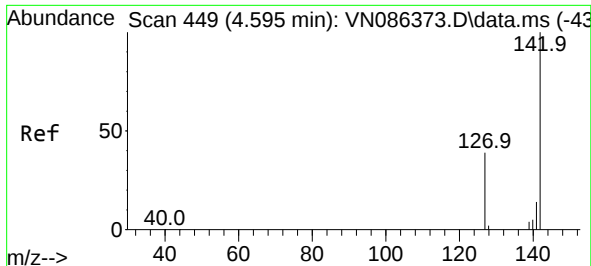
Tgt Ion:101 Resp: 44150
Ion Ratio Lower Upper
101 100
85 42.8 0.0 84.4
151 72.7 0.0 145.8



#10
1,1-Dichloroethene
Concen: 21.037 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 96 Resp: 42968
Ion Ratio Lower Upper
96 100
61 156.7 126.2 189.4
98 65.5 48.5 72.7

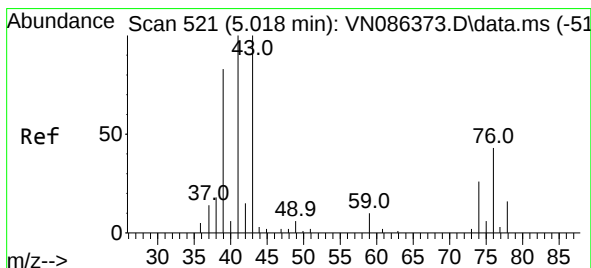
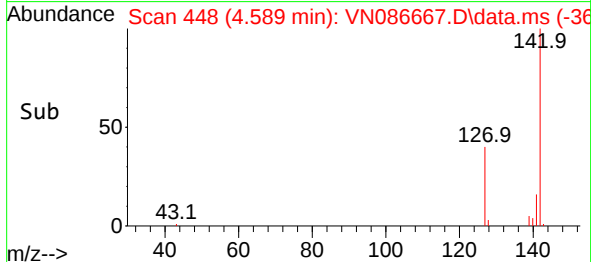
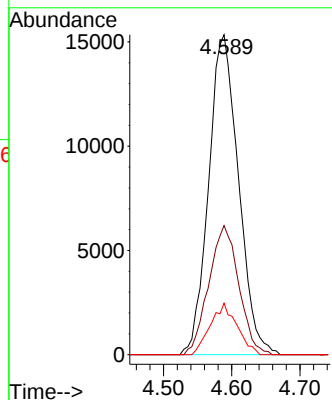
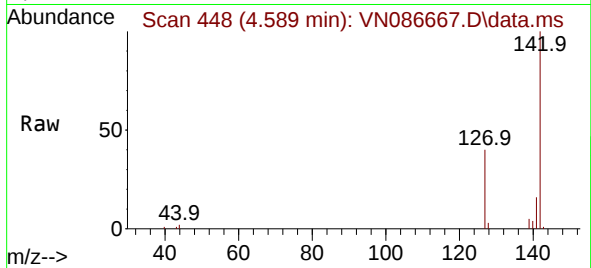




#11
Methyl Iodide
Concen: 19.578 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

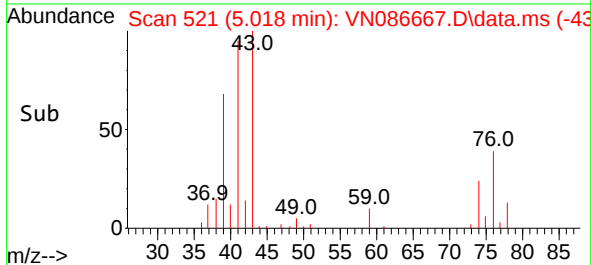
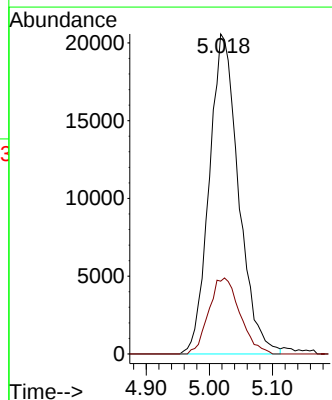
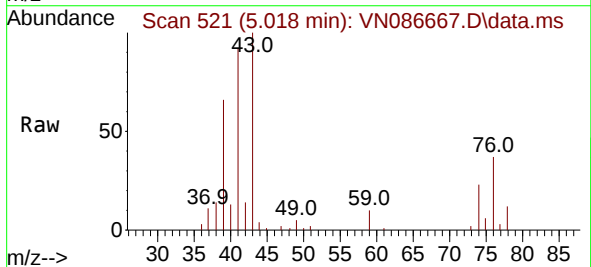
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

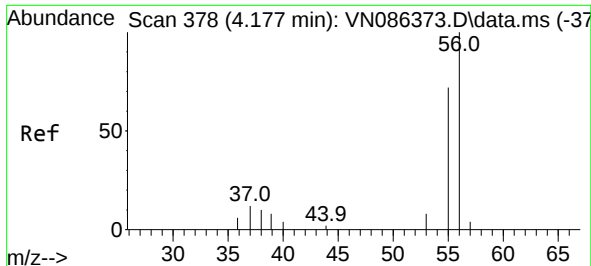
Tgt Ion:142 Resp: 46788
Ion Ratio Lower Upper
142 100
127 40.4 19.3 57.9
141 16.1 7.1 21.3



#12
Methyl Acetate
Concen: 22.950 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 43 Resp: 66441
Ion Ratio Lower Upper
43 100
74 22.9 20.8 31.2

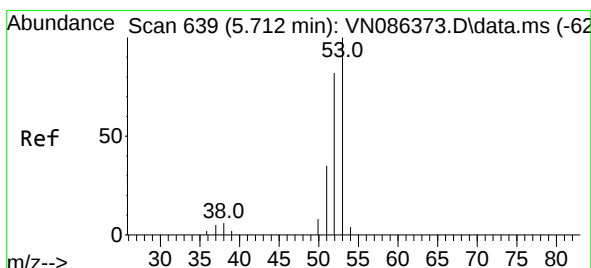
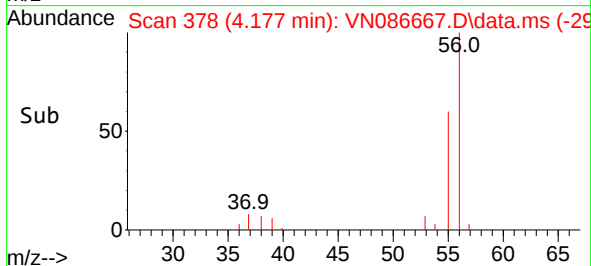
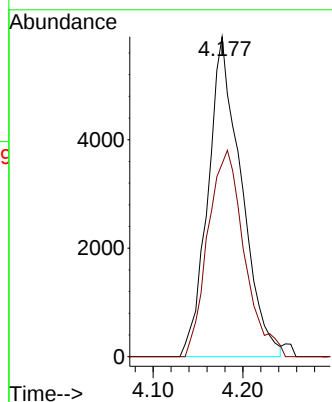
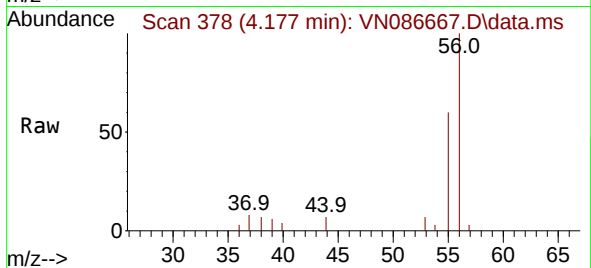




#13
Acrolein
Concen: 110.296 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

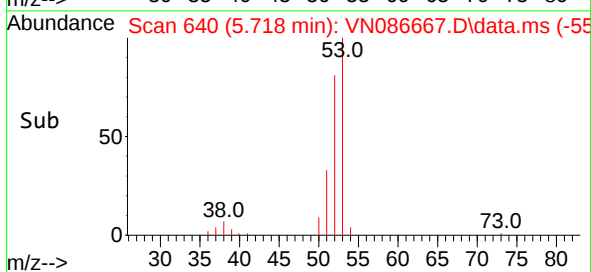
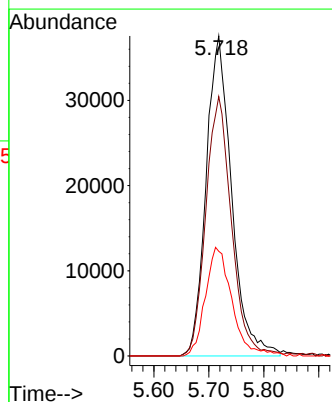
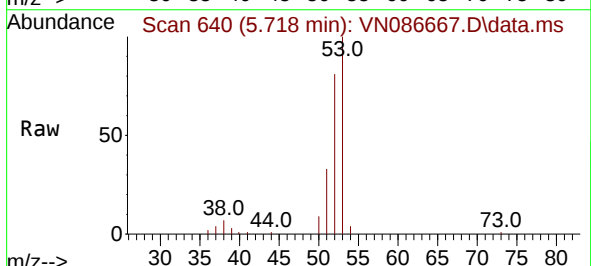
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

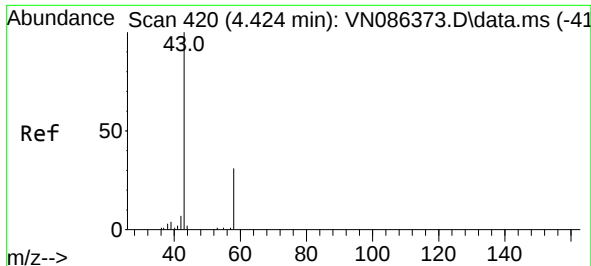
Tgt Ion: 56 Resp: 15149
Ion Ratio Lower Upper
56 100
55 70.6 56.1 84.1



#14
Acrylonitrile
Concen: 112.278 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 53 Resp: 120978
Ion Ratio Lower Upper
53 100
52 80.5 41.2 123.6
51 34.5 17.6 52.8

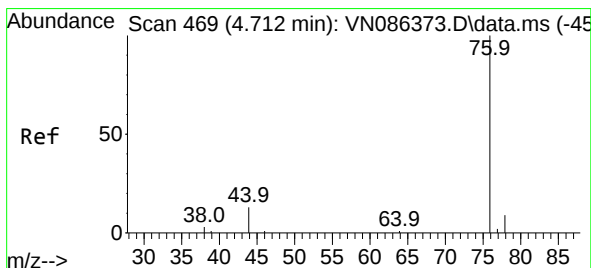
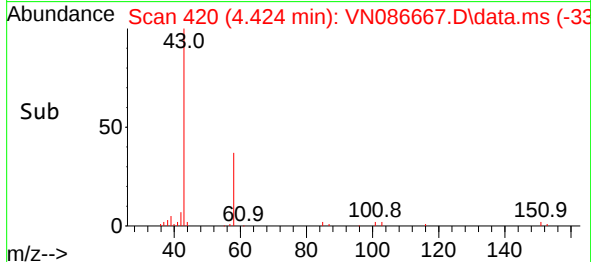
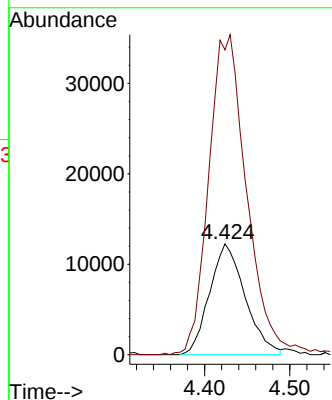
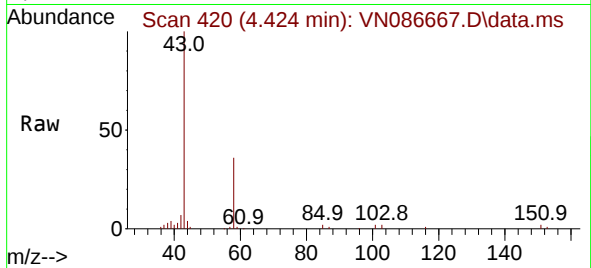




#15
Acetone
Concen: 119.567 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

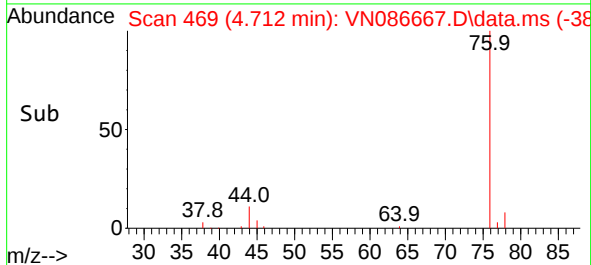
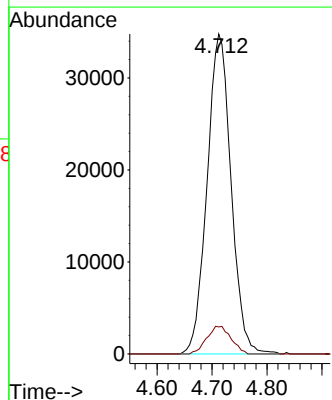
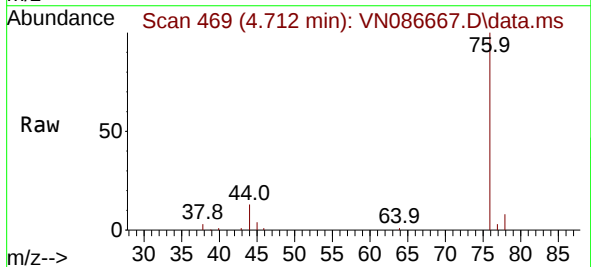
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

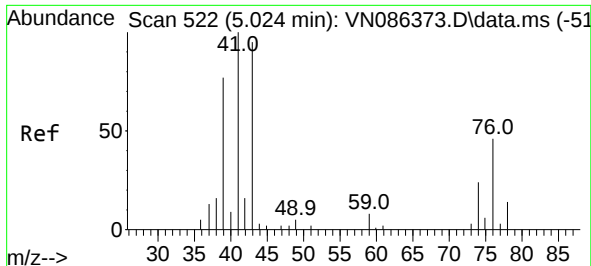
Tgt Ion: 58 Resp: 35500
Ion Ratio Lower Upper
58 100
43 272.8 255.1 382.7



#16
Carbon Disulfide
Concen: 19.603 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 76 Resp: 105504
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7

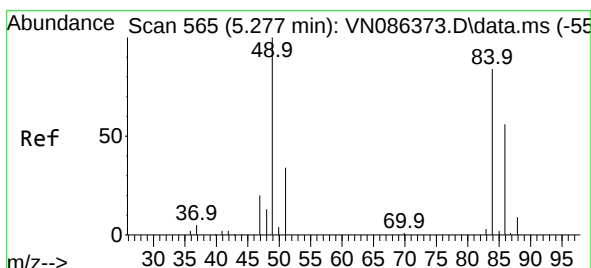
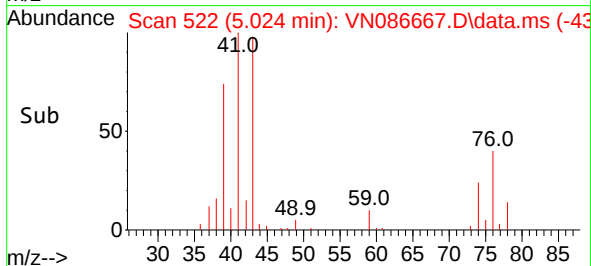
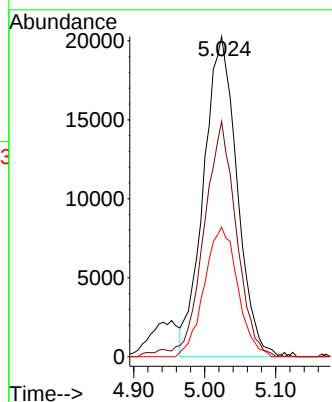
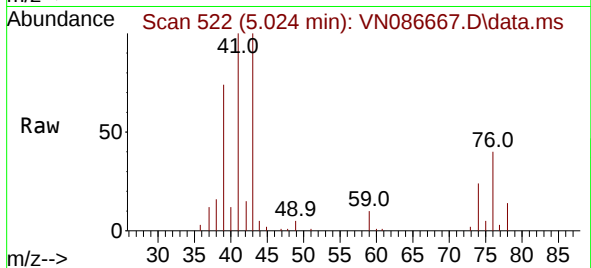




#17
 Allyl chloride
 Concen: 20.291 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN086667.D
 Acq: 16 May 2025 15:09

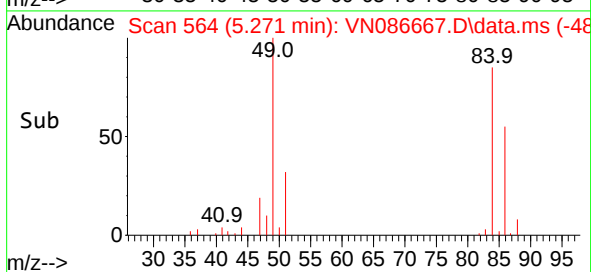
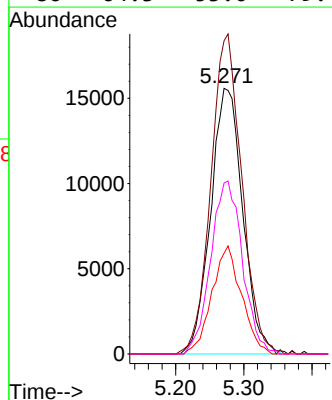
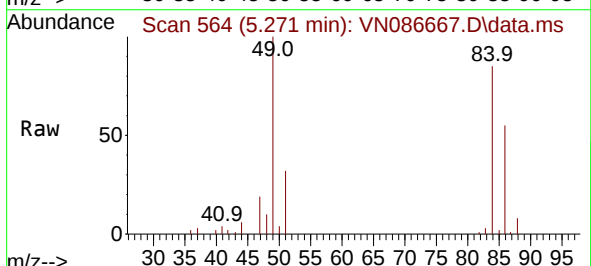
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

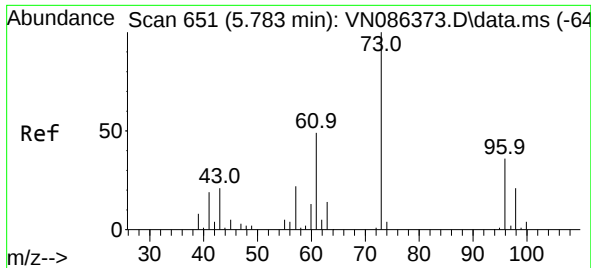
Tgt Ion: 41 Resp: 66270
 Ion Ratio Lower Upper
 41 100
 39 72.8 36.7 110.1
 76 40.4 21.8 65.4



#18
 Methylene Chloride
 Concen: 21.931 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN086667.D
 Acq: 16 May 2025 15:09

Tgt Ion: 84 Resp: 51012
 Ion Ratio Lower Upper
 84 100
 49 116.8 95.4 143.0
 51 37.9 32.8 49.2
 86 64.3 53.0 79.4





#19

trans-1,2-Dichloroethene

Concen: 20.549 ug/l

RT: 5.789 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN086667.D

Acq: 16 May 2025 15:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

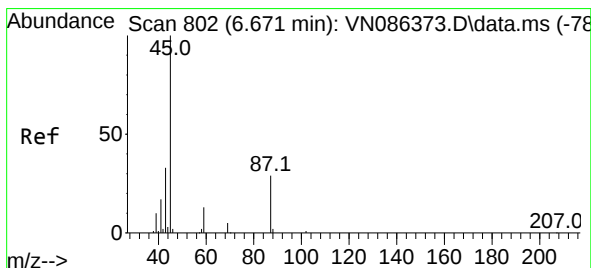
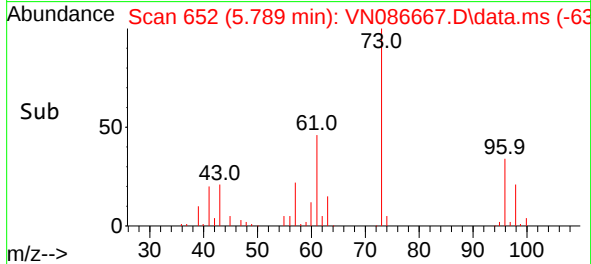
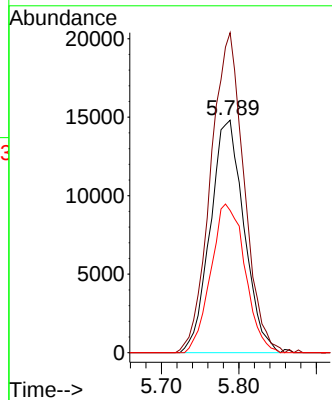
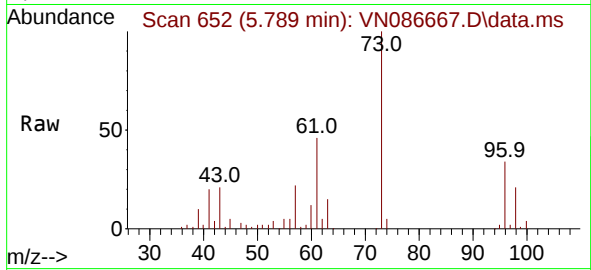
Tgt Ion: 96 Resp: 44737

Ion Ratio Lower Upper

96 100

61 136.4 107.3 160.9

98 61.2 46.7 70.1



#20

Diisopropyl ether

Concen: 20.209 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN086667.D

Acq: 16 May 2025 15:09

Tgt Ion: 45 Resp: 156935

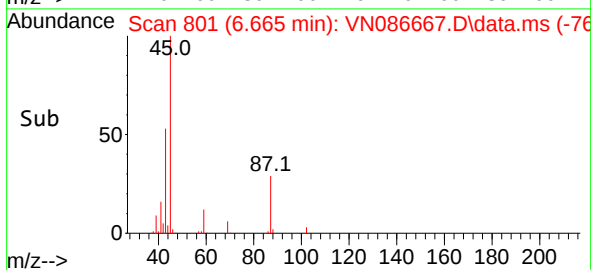
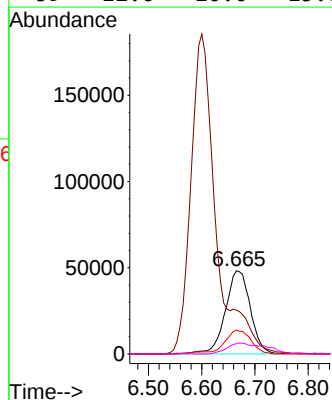
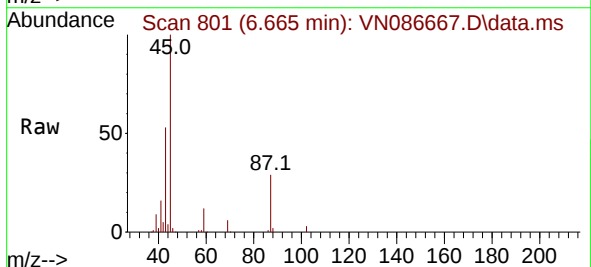
Ion Ratio Lower Upper

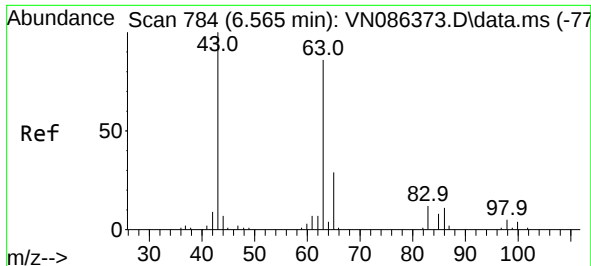
45 100

43 50.4 38.8 58.2

87 29.0 23.5 35.3

59 12.0 10.0 15.0





#21

1,1-Dichloroethane

Concen: 20.947 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.000 min

Lab File: VN086667.D

Acq: 16 May 2025 15:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

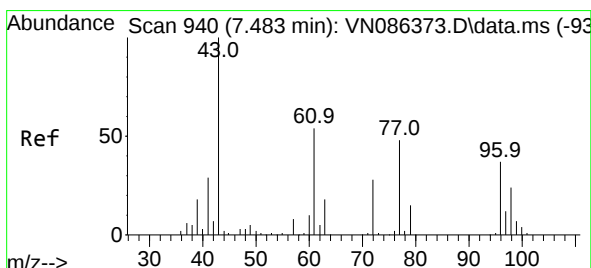
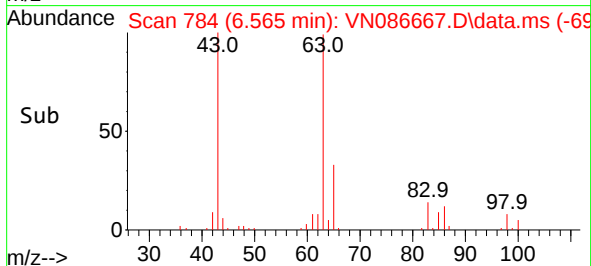
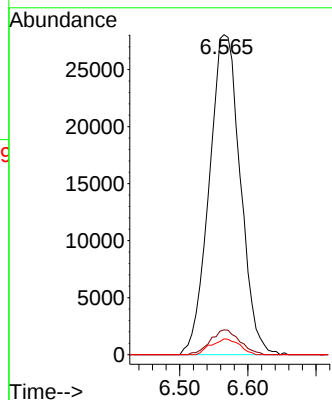
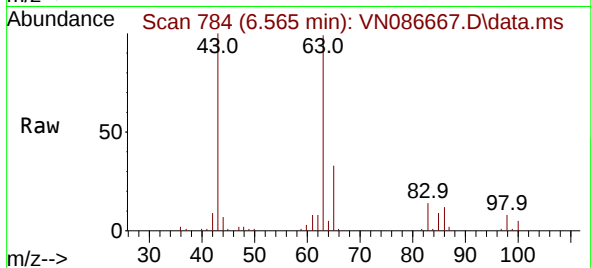
Tgt Ion: 63 Resp: 89039

Ion Ratio Lower Upper

63 100

98 7.7 3.0 9.2

100 5.0 2.3 6.8



#22

cis-1,2-Dichloroethene

Concen: 20.817 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN086667.D

Acq: 16 May 2025 15:09

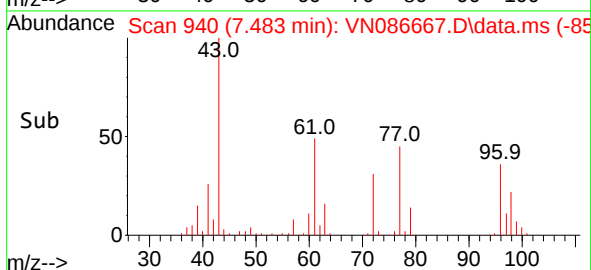
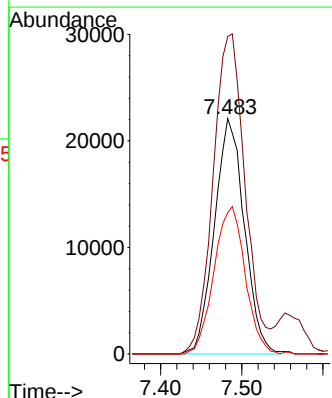
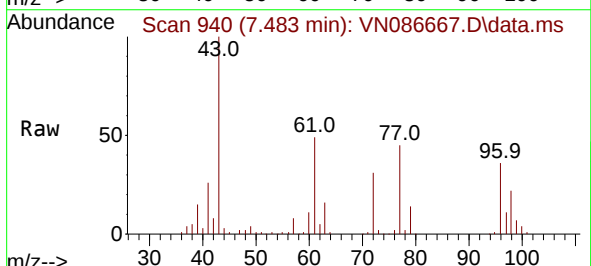
Tgt Ion: 96 Resp: 56668

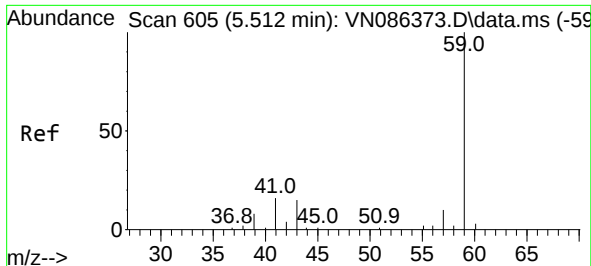
Ion Ratio Lower Upper

96 100

61 145.3 120.6 181.0

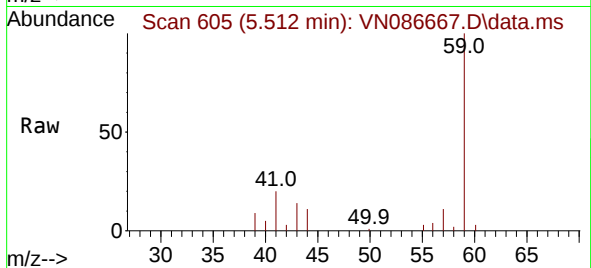
98 65.0 51.8 77.6



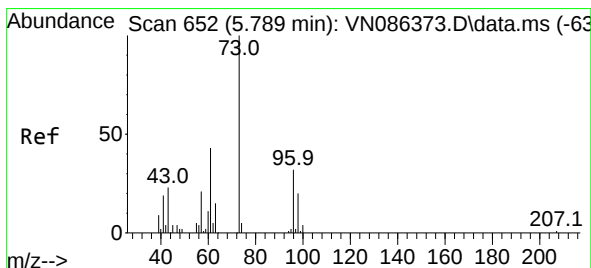
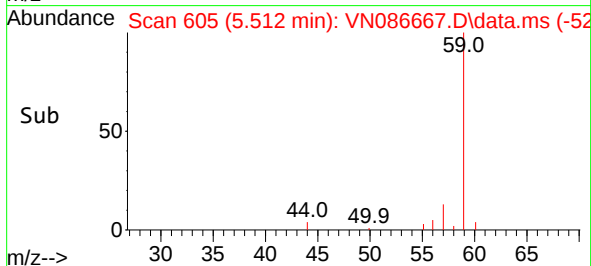
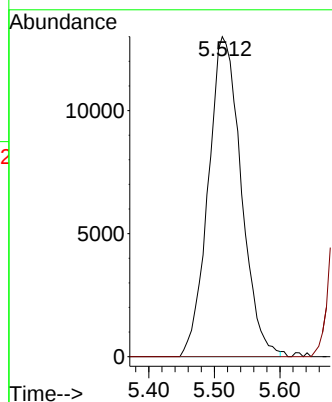


#23
tert-Butyl Alcohol
Concen: 108.579 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

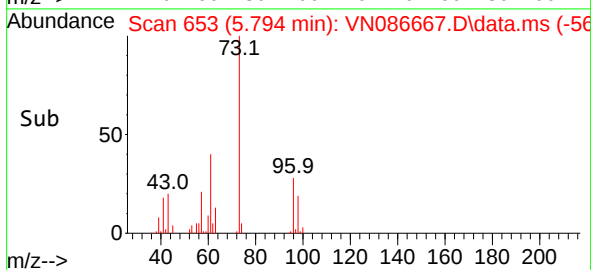
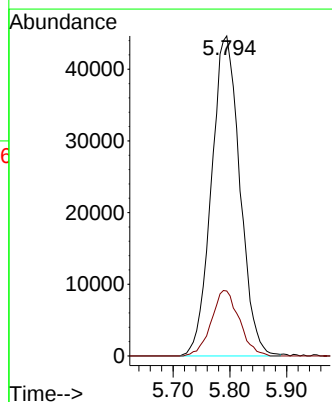
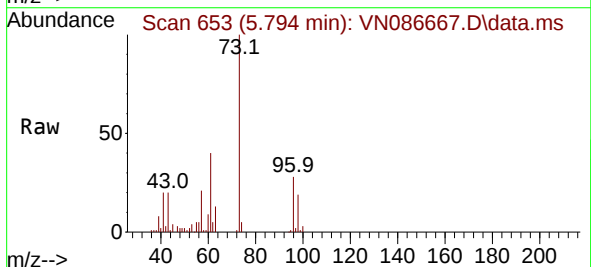


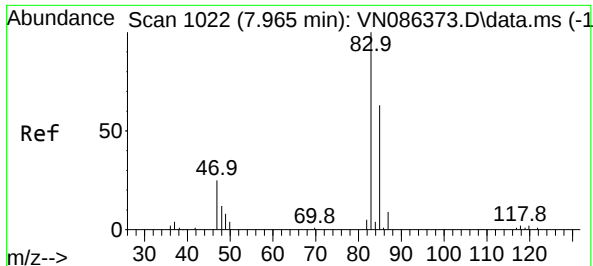
Tgt Ion: 59 Resp: 45321
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 20.550 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 73 Resp: 155078
Ion Ratio Lower Upper
73 100
43 20.1 17.1 25.7

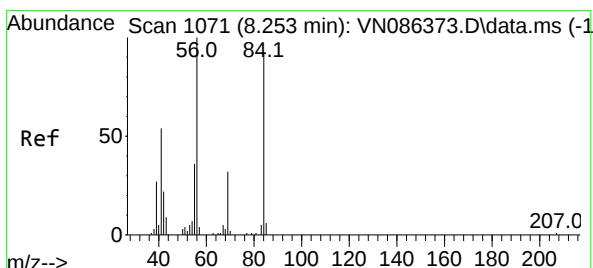
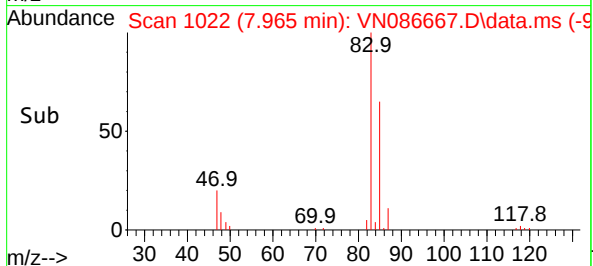
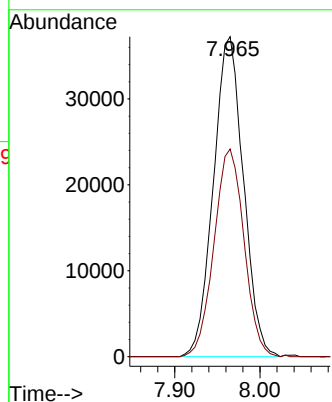
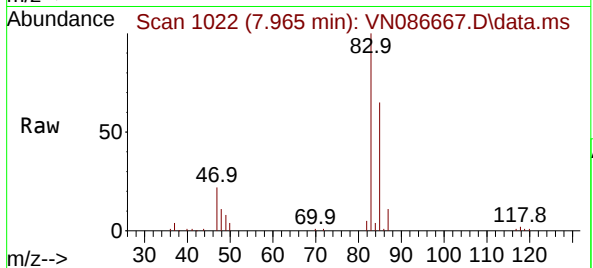




#25
Chloroform
Concen: 21.183 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

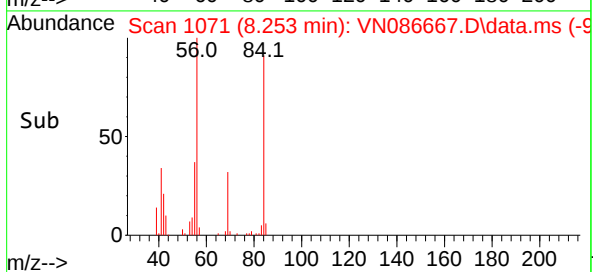
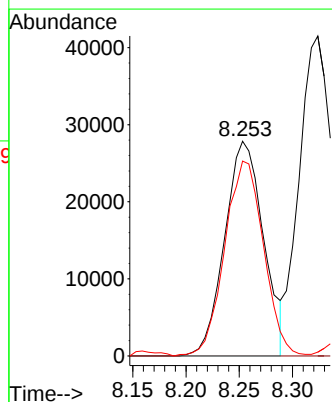
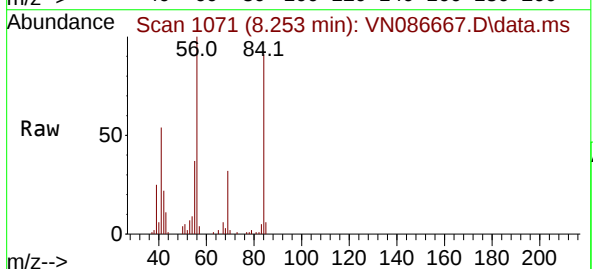
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

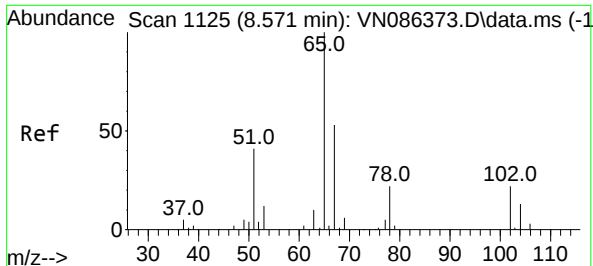
Tgt Ion: 83 Resp: 91128
Ion Ratio Lower Upper
83 100
85 64.9 50.2 75.2



#26
Cyclohexane
Concen: 18.841 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 56 Resp: 70714
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.7 71.5 107.3

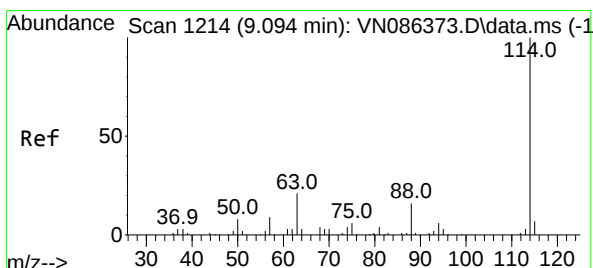
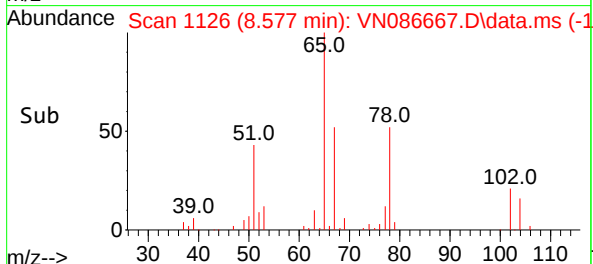
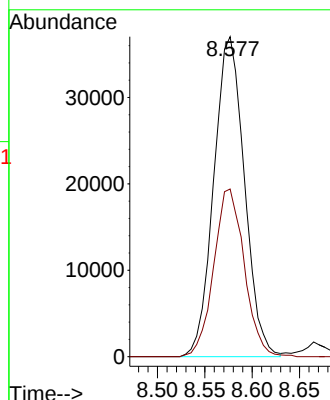
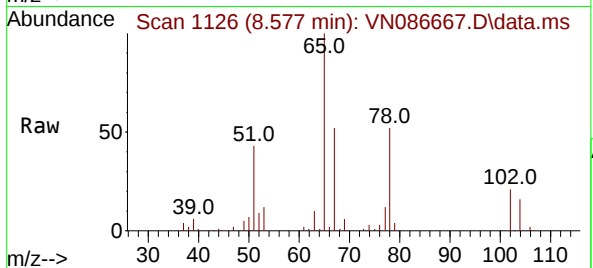




#27
 1,2-Dichloroethane-d4
 Concen: 29.490 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN086667.D
 Acq: 16 May 2025 15:09

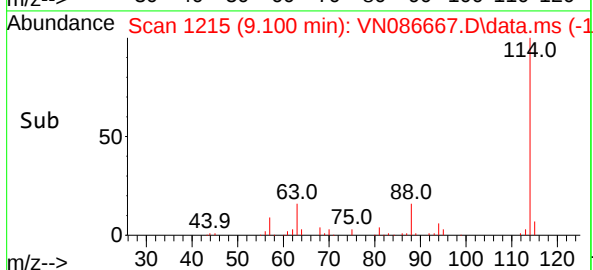
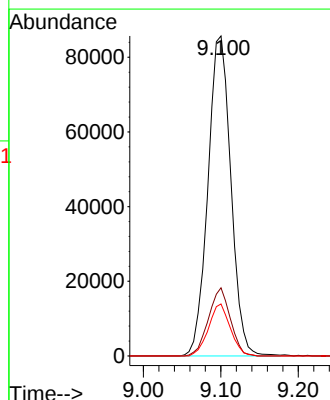
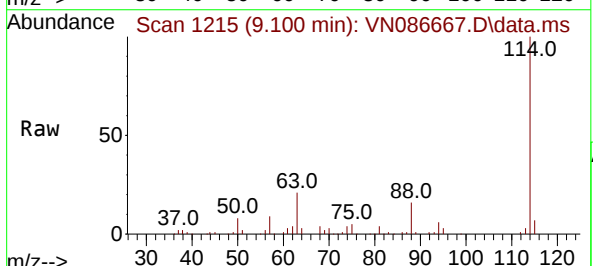
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

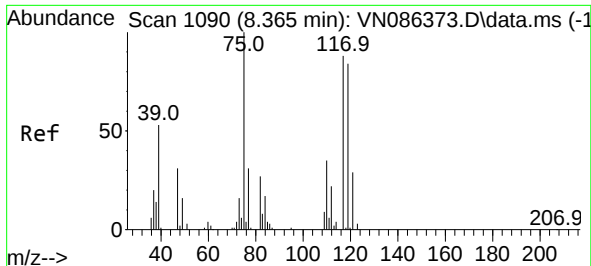
Tgt Ion: 65 Resp: 83245
 Ion Ratio Lower Upper
 65 100
 67 52.2 42.5 63.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN086667.D
 Acq: 16 May 2025 15:09

Tgt Ion: 114 Resp: 176465
 Ion Ratio Lower Upper
 114 100
 63 20.3 16.7 25.1
 88 15.4 12.6 19.0





#29

1,1-Dichloropropene

Concen: 19.776 ug/l

RT: 8.371 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN086667.D

Acq: 16 May 2025 15:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

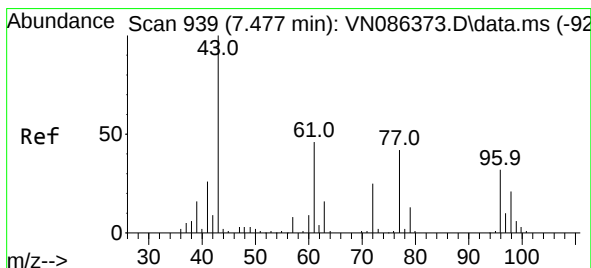
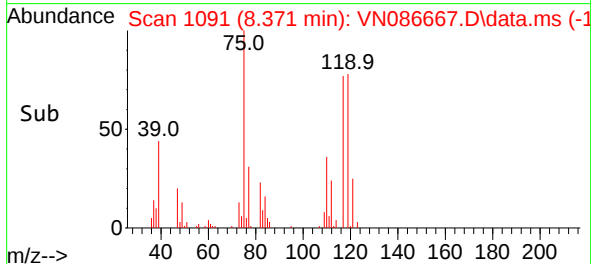
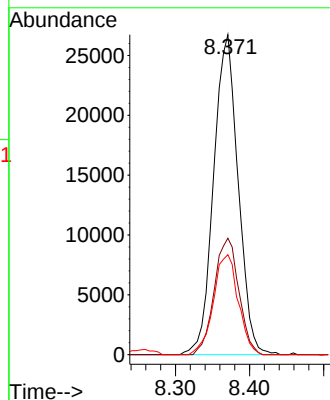
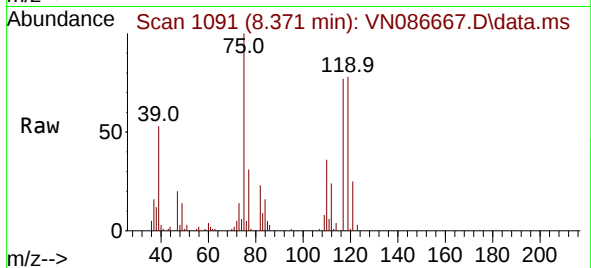
Tgt Ion: 75 Resp: 61522

Ion Ratio Lower Upper

75 100

110 36.4 0.0 68.0

77 31.7 0.0 61.4



#30

2-Butanone

Concen: 105.956 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.006 min

Lab File: VN086667.D

Acq: 16 May 2025 15:09

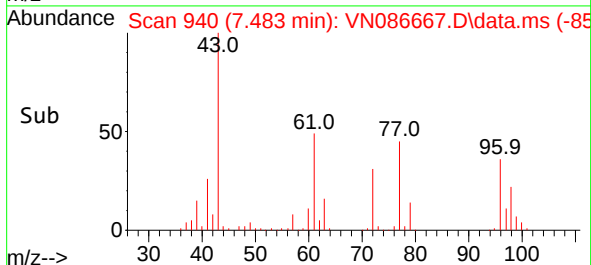
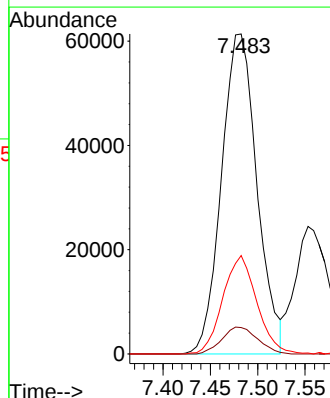
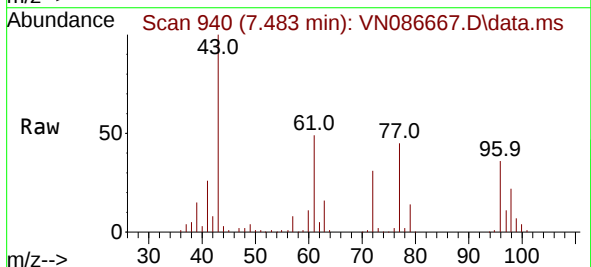
Tgt Ion: 43 Resp: 159989

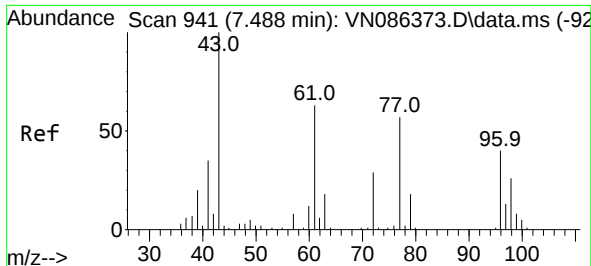
Ion Ratio Lower Upper

43 100

57 8.5 6.6 10.0

72 29.4 22.2 33.4

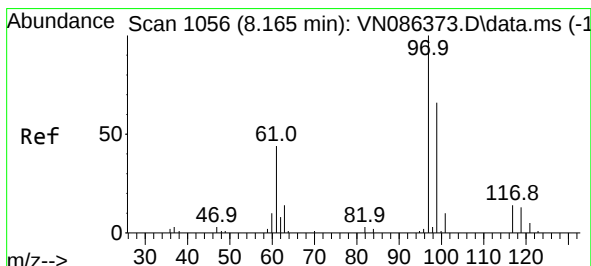
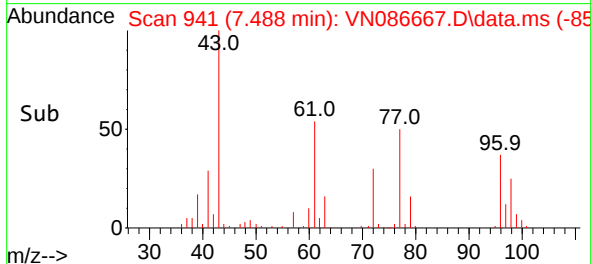
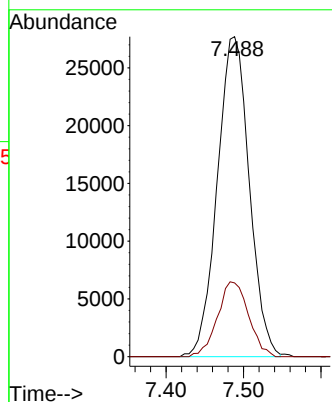
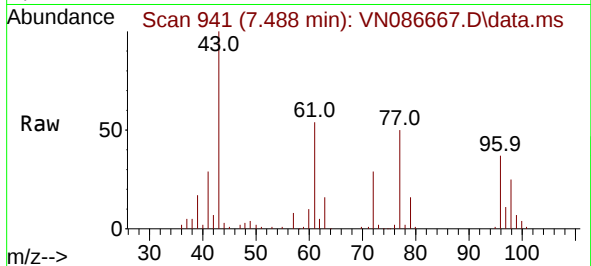




#31
2,2-Dichloropropane
Concen: 19.870 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

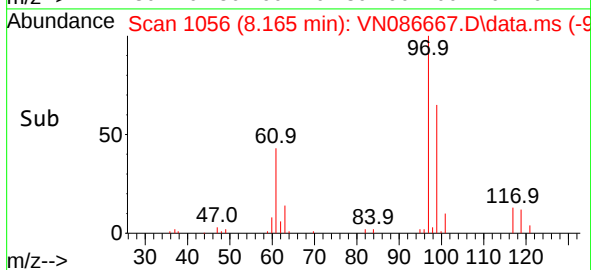
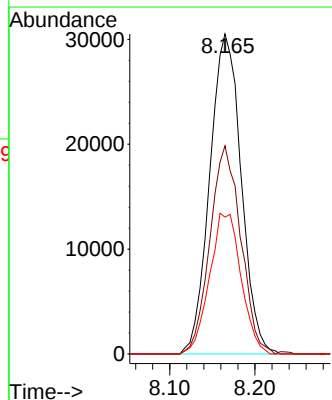
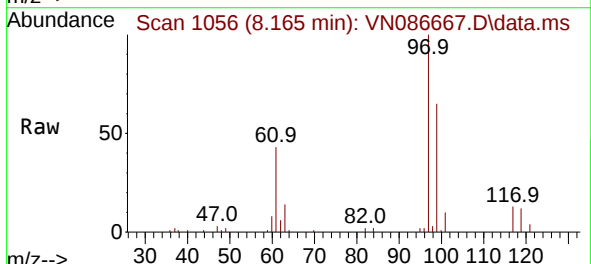
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

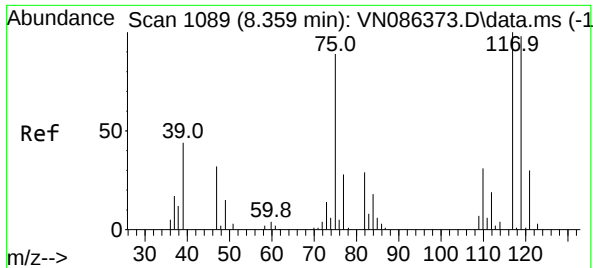
Tgt Ion: 77 Resp: 79460
Ion Ratio Lower Upper
77 100
97 22.7 18.2 27.2



#32
1,1,1-Trichloroethane
Concen: 20.995 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 97 Resp: 78050
Ion Ratio Lower Upper
97 100
99 63.8 52.6 79.0
61 44.2 36.4 54.6

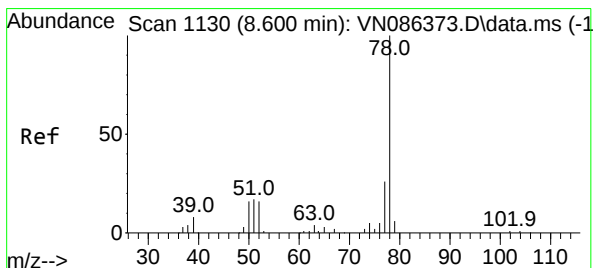
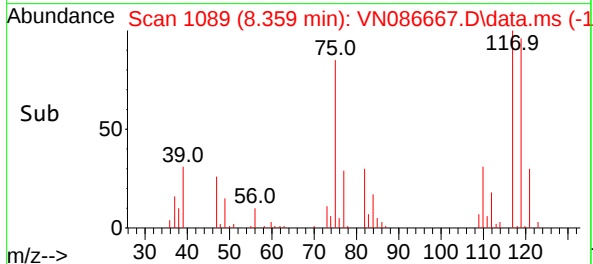
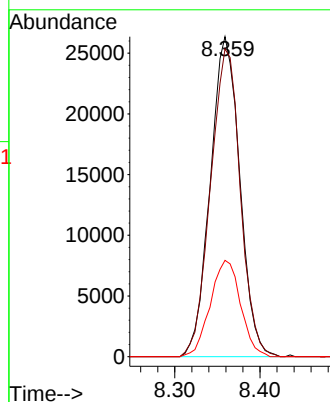
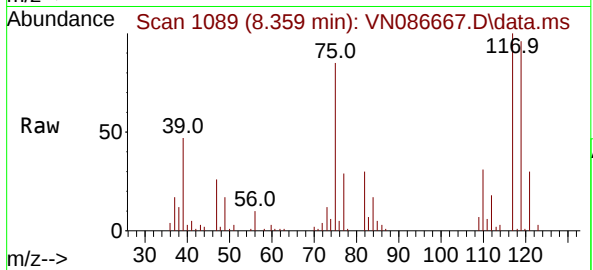




#33
Carbon Tetrachloride
Concen: 20.749 ug/l
RT: 8.359 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

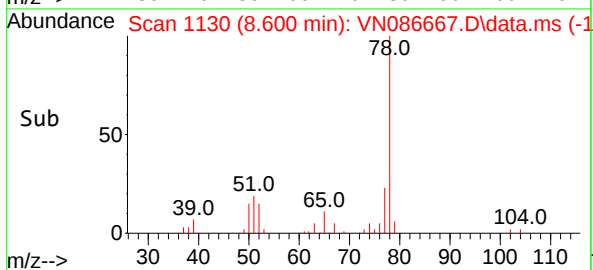
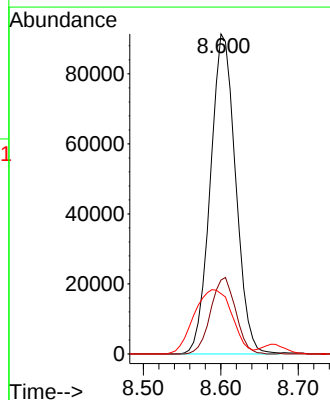
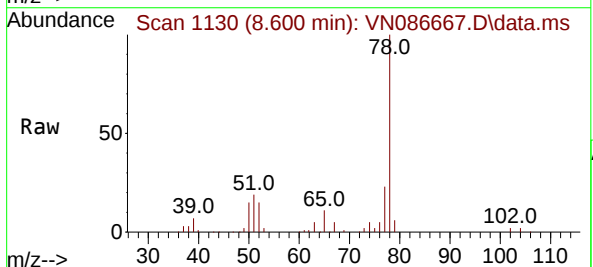
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

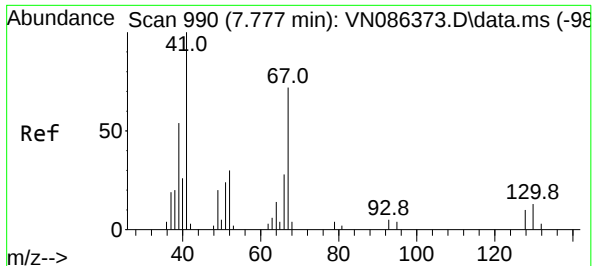
Tgt Ion:117 Resp: 63498
Ion Ratio Lower Upper
117 100
119 96.2 78.6 117.8
121 30.1 24.0 36.0



#34
Benzene
Concen: 20.878 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 78 Resp: 206586
Ion Ratio Lower Upper
78 100
77 23.1 20.8 31.2
51 16.6 14.0 21.0

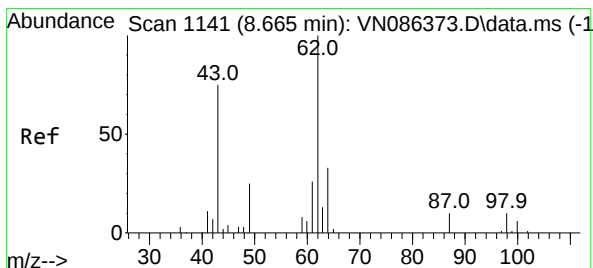
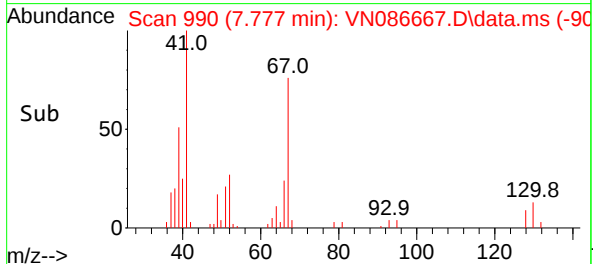
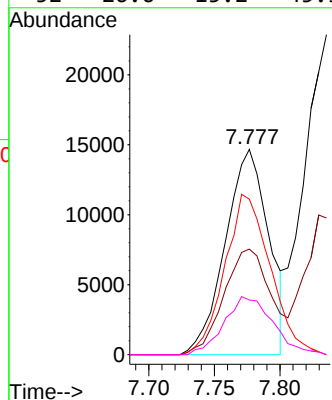
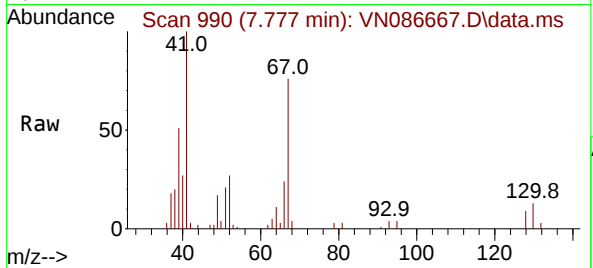




#35
Methacrylonitrile
Concen: 19.600 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

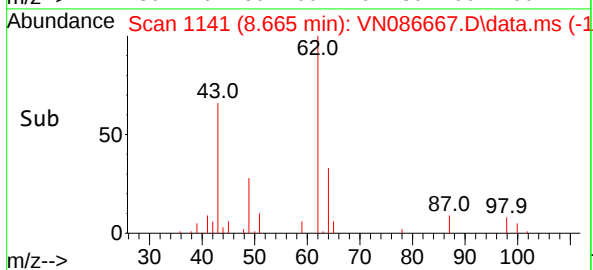
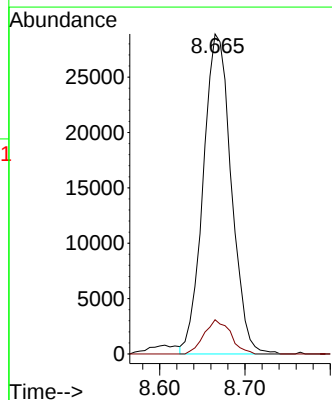
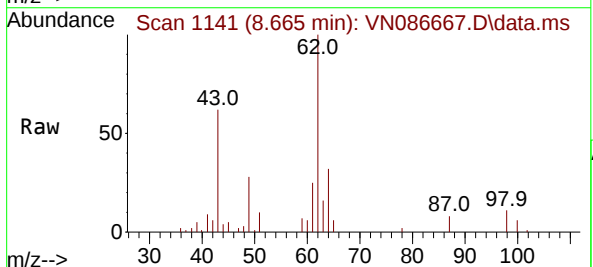
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

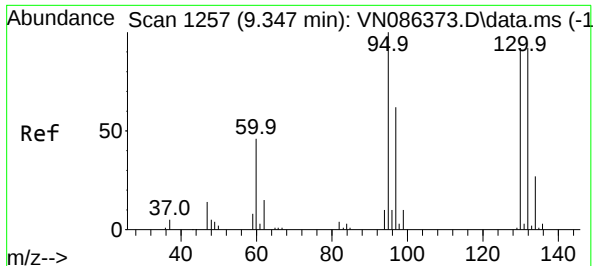
Tgt Ion:	41	Resp:	33759
Ion	Ratio	Lower	Upper
41	100		
39	51.5	27.0	80.8
67	75.7	35.8	107.3
52	26.6	15.2	45.5



#36
1,2-Dichloroethane
Concen: 20.562 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion:	62	Resp:	66054
Ion	Ratio	Lower	Upper
62	100		
98	10.1	7.6	11.4

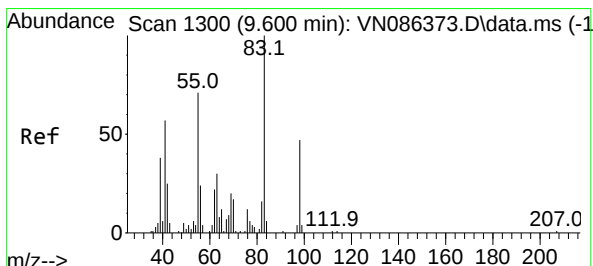
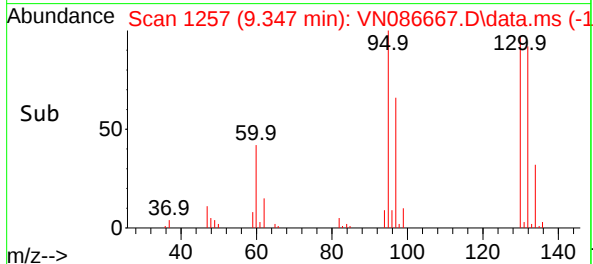
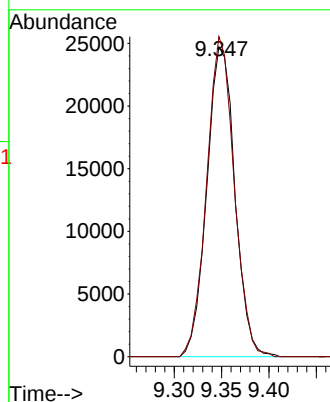
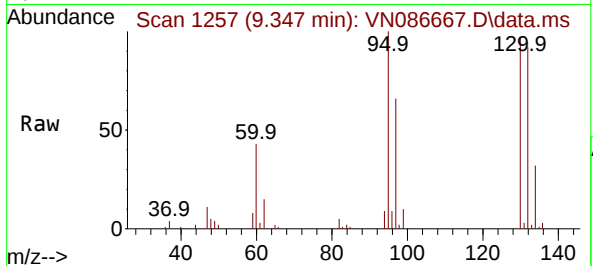




#37
Trichloroethene
Concen: 20.537 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

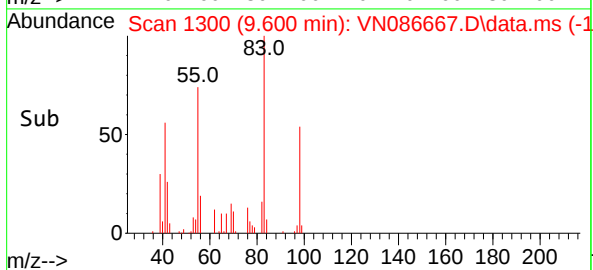
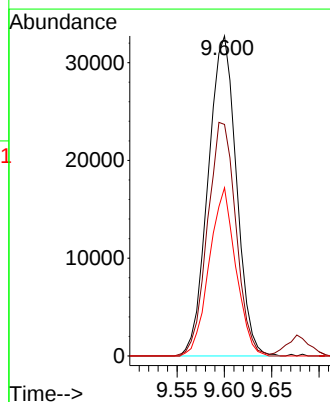
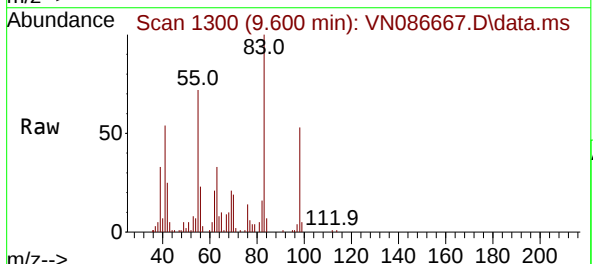
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

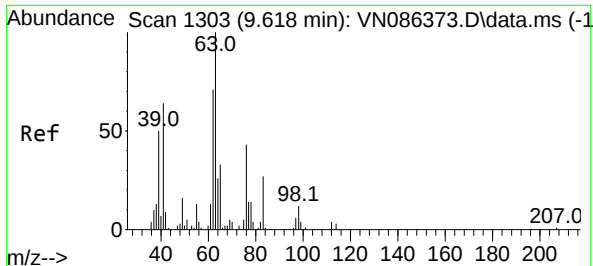
Tgt Ion:130 Resp: 50871
Ion Ratio Lower Upper
130 100
95 103.2 86.6 130.0



#38
Methylcyclohexane
Concen: 18.913 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 83 Resp: 67952
Ion Ratio Lower Upper
83 100
55 73.4 37.3 111.9
98 49.4 23.8 71.5





#39

1,2-Dichloropropane

Concen: 20.798 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086667.D

Acq: 16 May 2025 15:09

Instrument :

MSVOA_N

ClientSampleId :

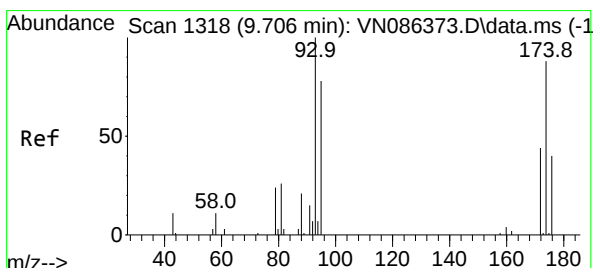
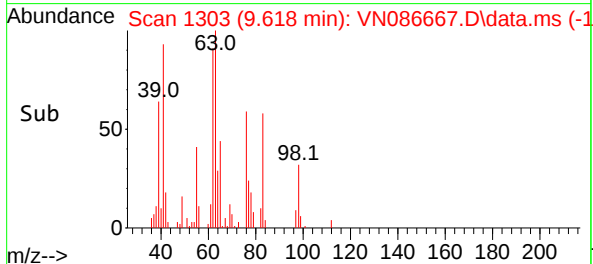
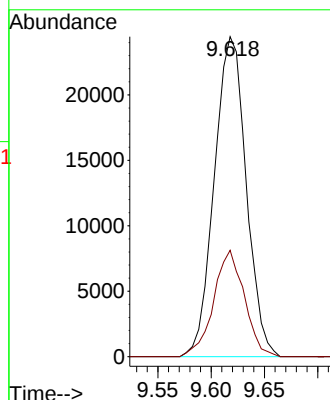
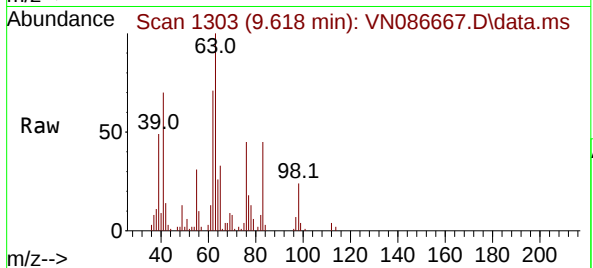
VSTDCCC020EC

Tgt Ion: 63 Resp: 50839

Ion Ratio Lower Upper

63 100

65 33.3 26.7 40.1



#40

Dibromomethane

Concen: 20.550 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086667.D

Acq: 16 May 2025 15:09

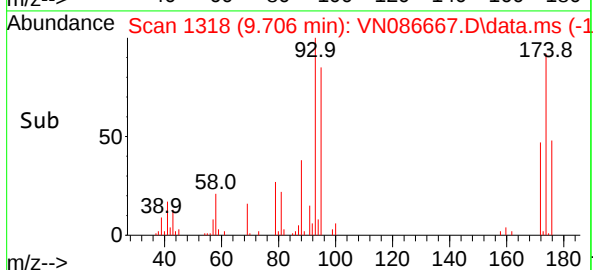
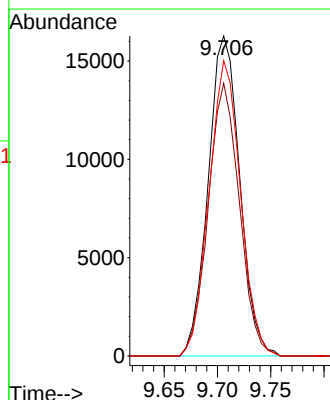
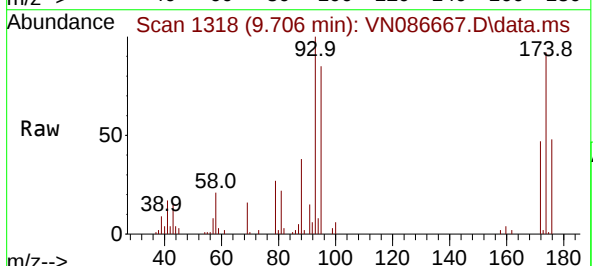
Tgt Ion: 93 Resp: 33594

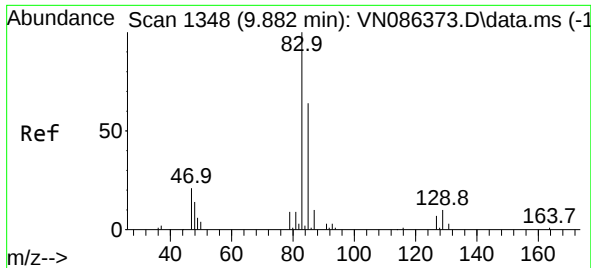
Ion Ratio Lower Upper

93 100

95 83.9 0.0 159.2

174 91.8 0.0 171.4

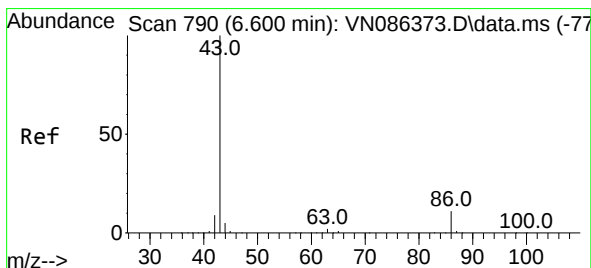
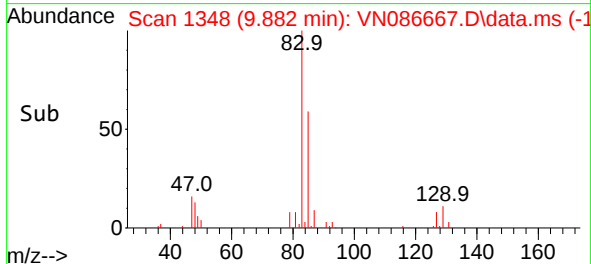
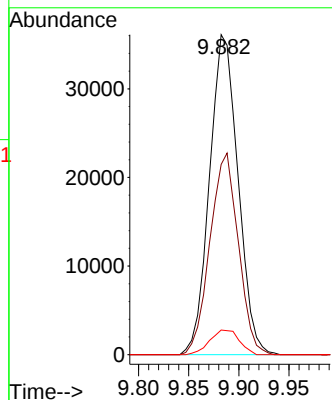
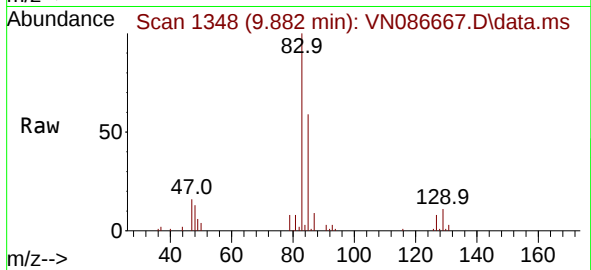




#41
Bromodichloromethane
Concen: 20.679 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

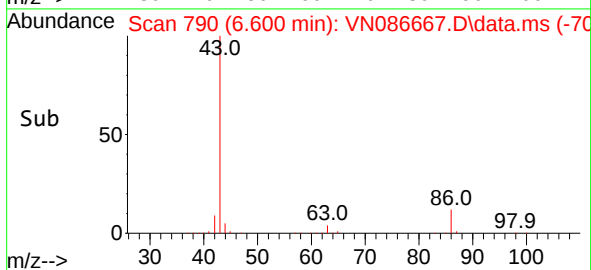
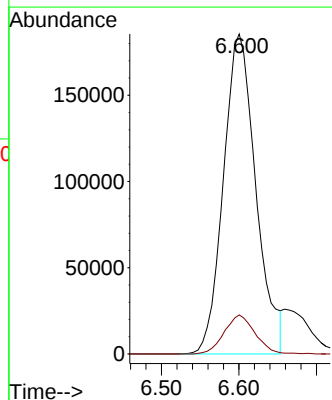
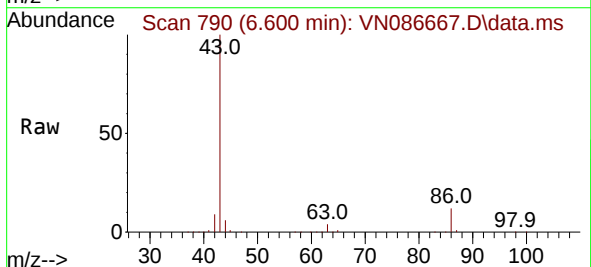
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

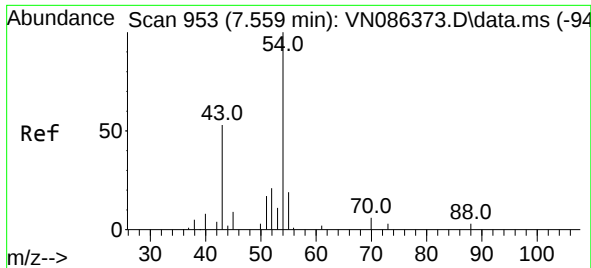
Tgt Ion: 83 Resp: 71536
Ion Ratio Lower Upper
83 100
85 59.4 51.1 76.7
127 7.7 5.9 8.9



#42
Vinyl Acetate
Concen: 103.428 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 43 Resp: 540993
Ion Ratio Lower Upper
43 100
86 11.5 8.9 13.3

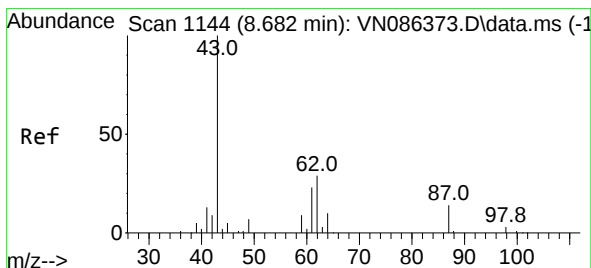
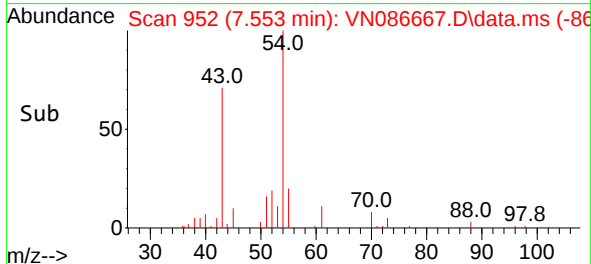
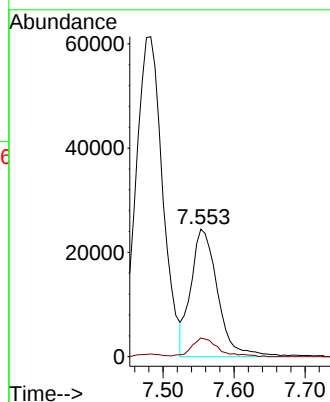
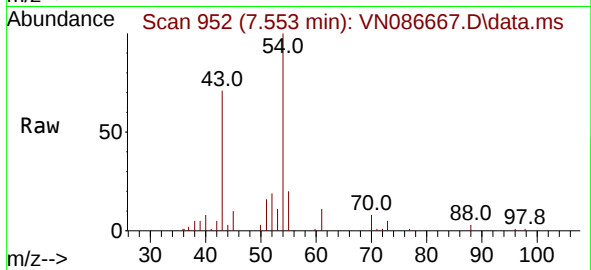




#43
Ethyl Acetate
Concen: 21.451 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

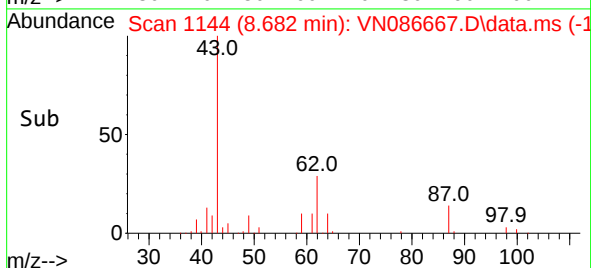
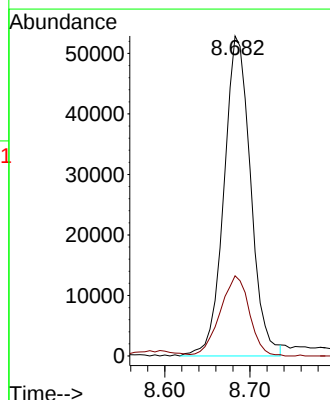
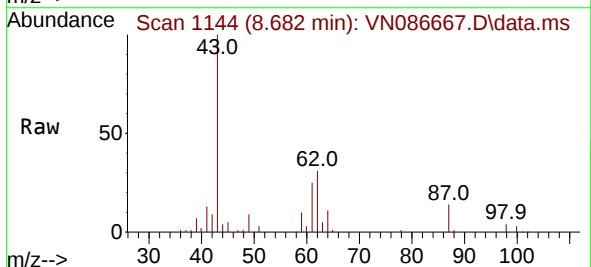
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

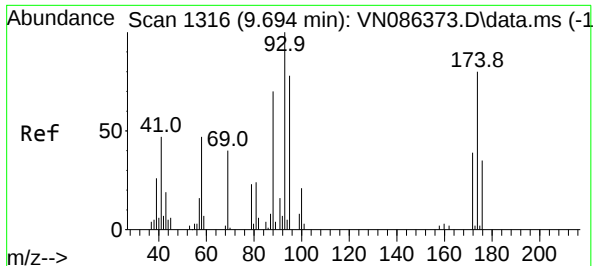
Tgt Ion: 43 Resp: 64098
Ion Ratio Lower Upper
43 100
45 12.5 11.4 17.2



#44
Isopropyl Acetate
Concen: 20.277 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 43 Resp: 114996
Ion Ratio Lower Upper
43 100
61 27.4 21.0 31.4





#45

1,4-Dioxane

Concen: 468.328 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086667.D

Acq: 16 May 2025 15:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

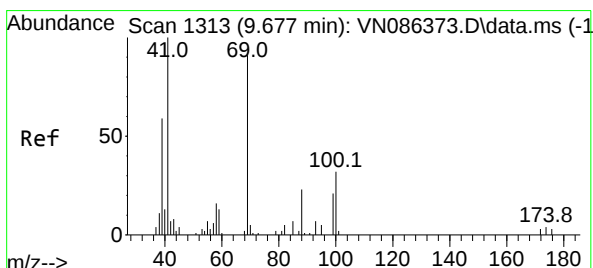
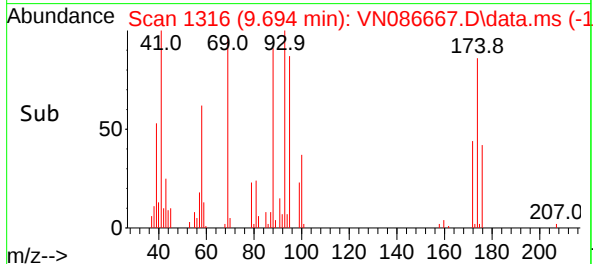
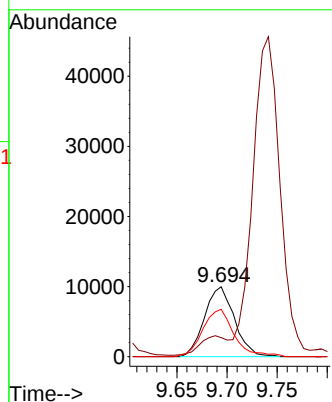
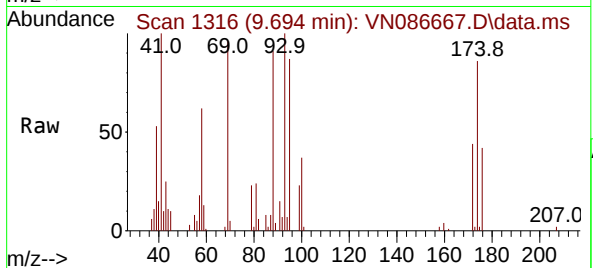
Tgt Ion: 88 Resp: 20723

Ion Ratio Lower Upper

88 100

43 24.0 24.9 37.3#

58 71.0 57.8 86.8



#46

Methyl methacrylate

Concen: 19.365 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN086667.D

Acq: 16 May 2025 15:09

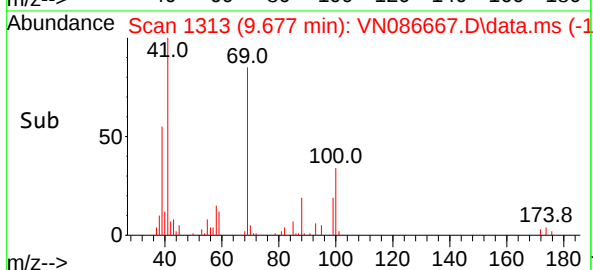
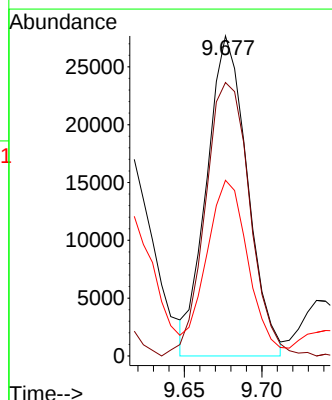
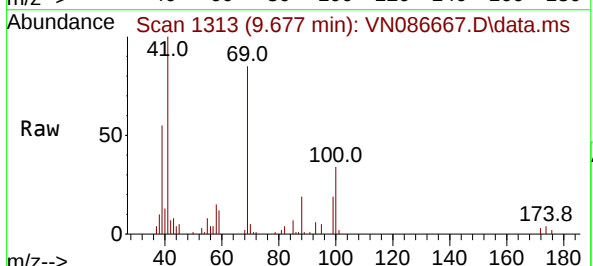
Tgt Ion: 41 Resp: 50658

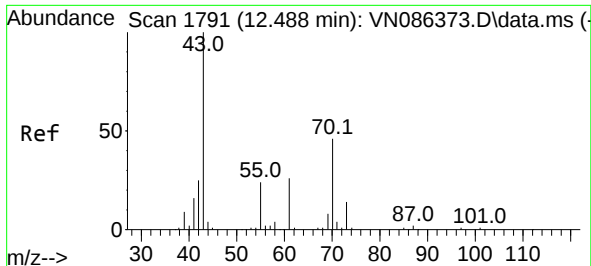
Ion Ratio Lower Upper

41 100

69 85.6 44.1 132.3

39 54.7 30.0 90.1

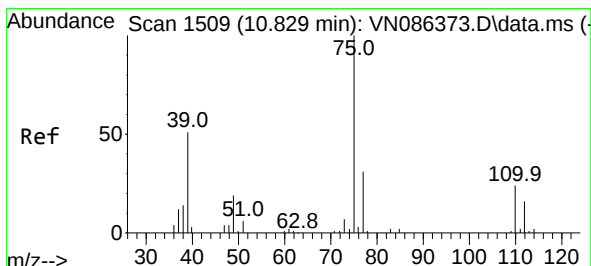
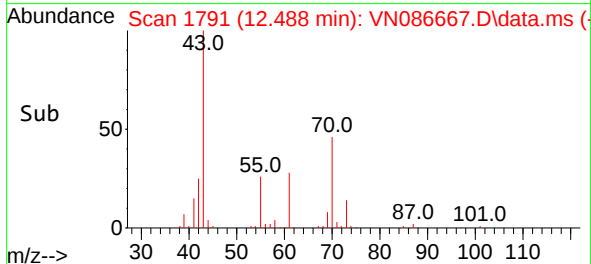
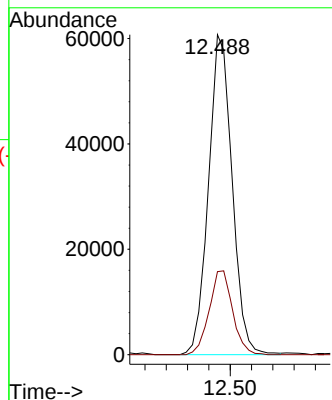
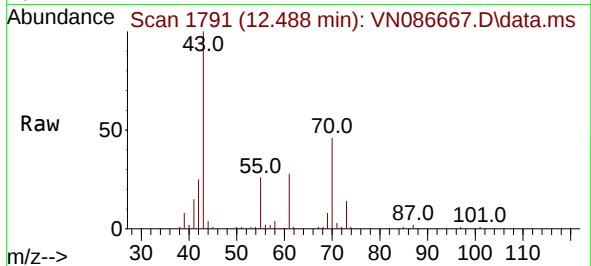




#47
n-amyl acetate
Concen: 19.315 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

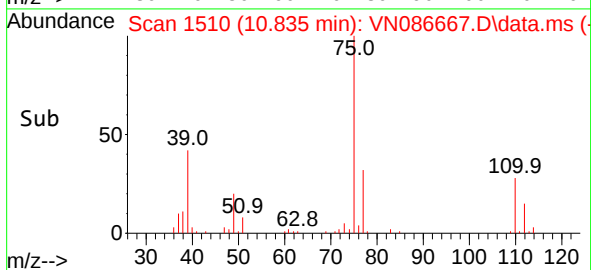
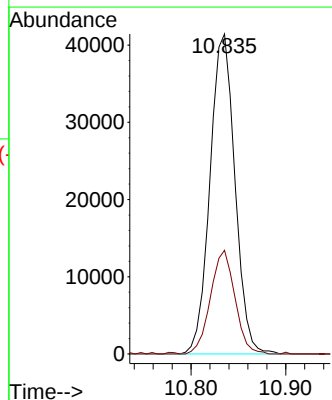
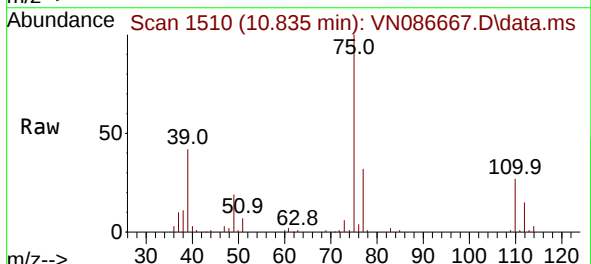
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

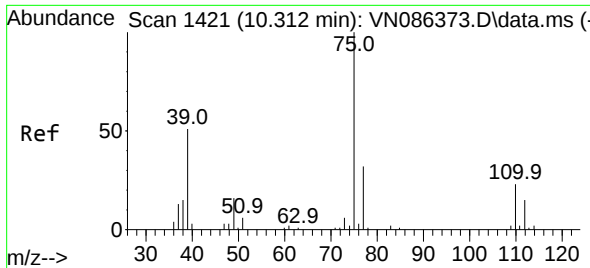
Tgt Ion: 43 Resp: 93364
Ion Ratio Lower Upper
43 100
55 25.9 19.4 29.0



#48
t-1,3-Dichloropropene
Concen: 19.615 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 75 Resp: 75862
Ion Ratio Lower Upper
75 100
77 32.4 24.4 36.6

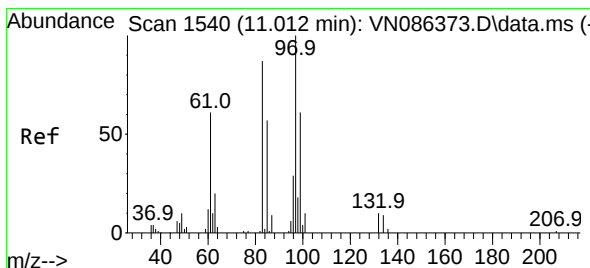
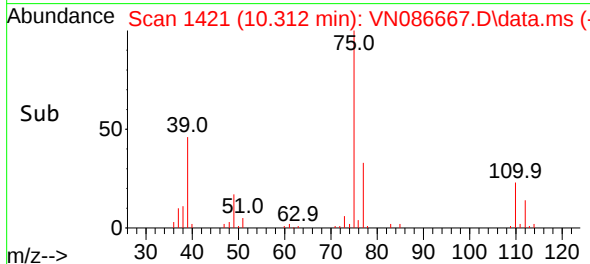
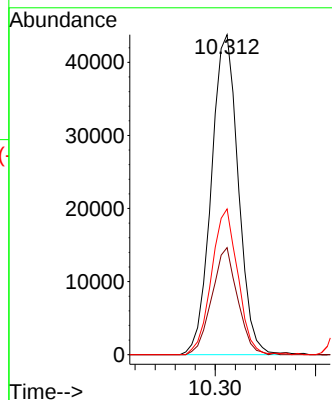
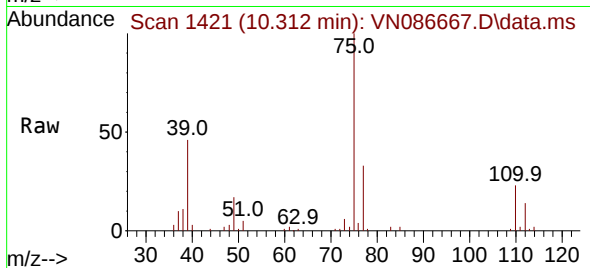




#49
 cis-1,3-Dichloropropene
 Concen: 20.025 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086667.D
 Acq: 16 May 2025 15:09

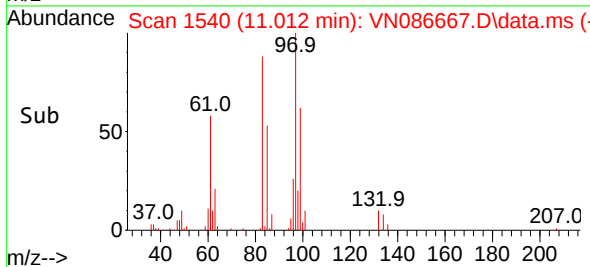
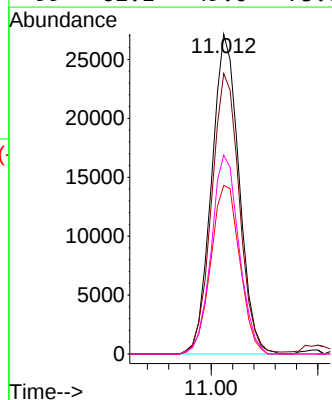
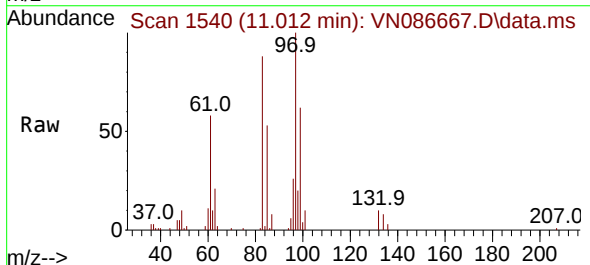
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

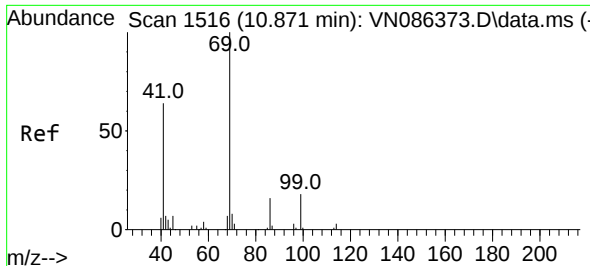
Tgt Ion:	75	Resp:	81670
Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.6	38.4
39	45.6	40.6	60.8



#50
 1,1,2-Trichloroethane
 Concen: 21.279 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.000 min
 Lab File: VN086667.D
 Acq: 16 May 2025 15:09

Tgt Ion:	97	Resp:	48587
Ion	Ratio	Lower	Upper
97	100		
83	87.7	69.3	103.9
85	52.7	45.5	68.3
99	62.1	49.0	73.6

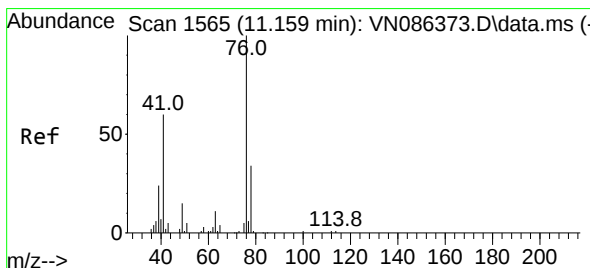
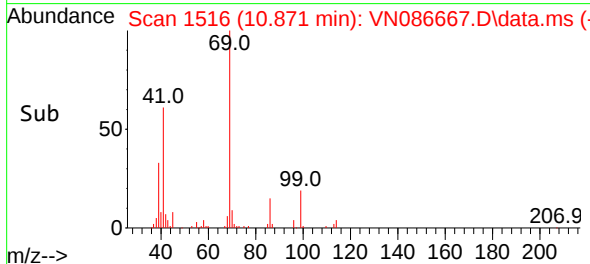
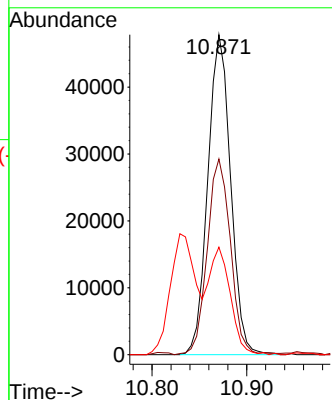
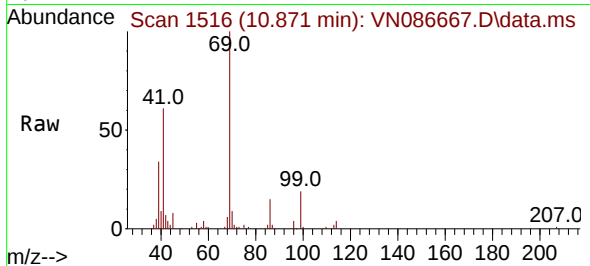




#51
Ethyl methacrylate
Concen: 20.087 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

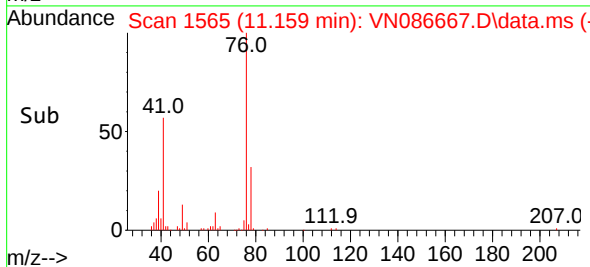
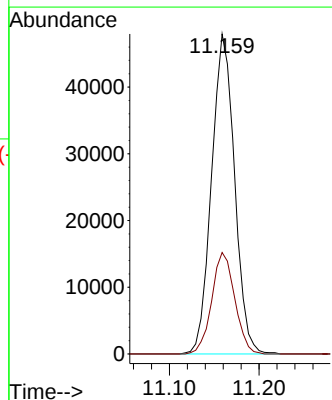
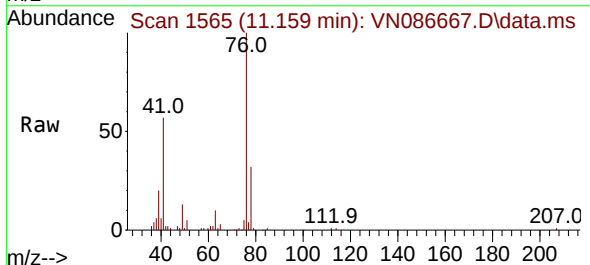
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

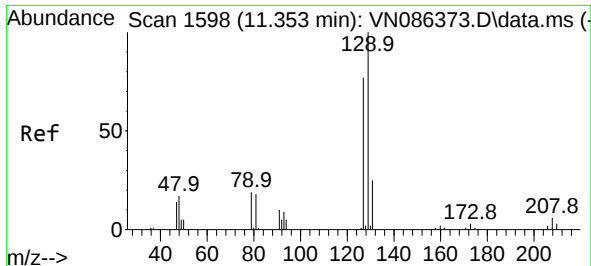
Tgt Ion: 69 Resp: 79878
Ion Ratio Lower Upper
69 100
41 60.8 32.3 96.8
39 33.6 19.1 57.1



#52
1,3-Dichloropropane
Concen: 21.170 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 76 Resp: 85433
Ion Ratio Lower Upper
76 100
78 31.7 0.0 65.6

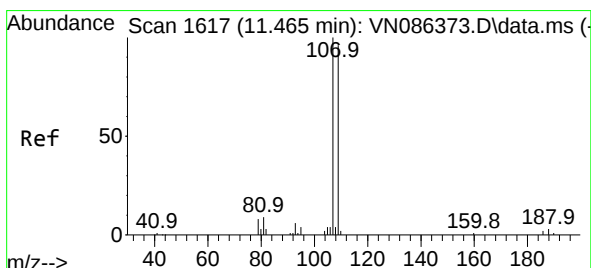
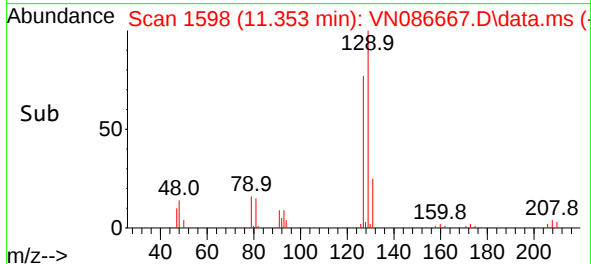
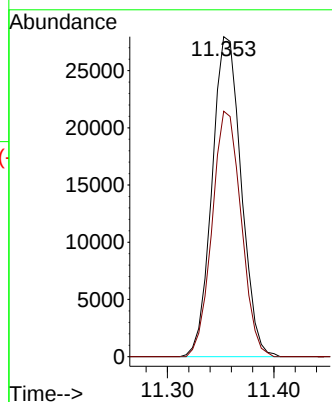
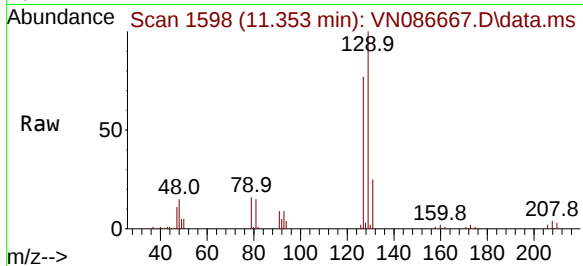




#53
Dibromochloromethane
Concen: 20.729 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

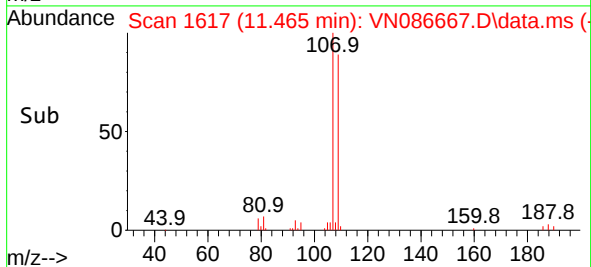
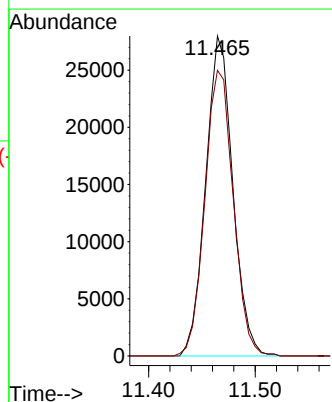
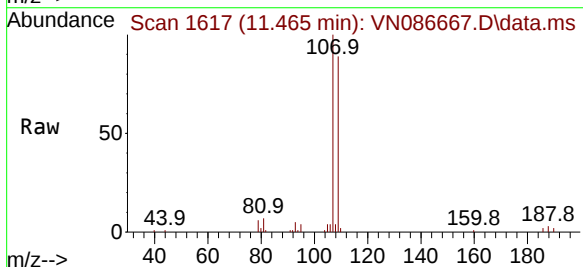
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

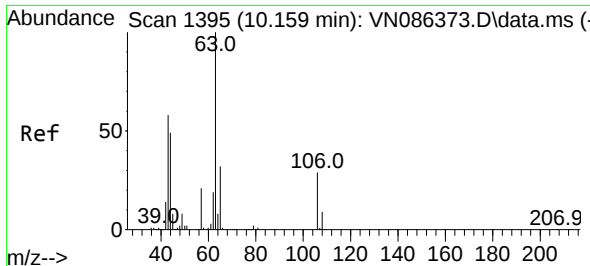
Tgt Ion:129 Resp: 53147
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.3



#54
1,2-Dibromoethane
Concen: 21.353 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion:107 Resp: 49573
Ion Ratio Lower Upper
107 100
109 93.5 75.4 113.0

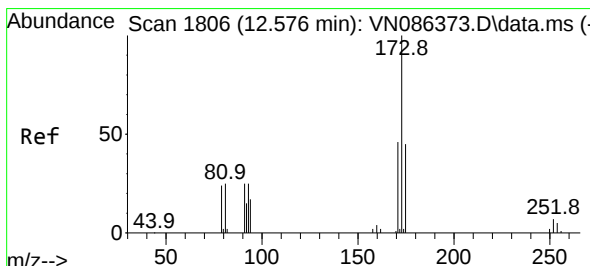
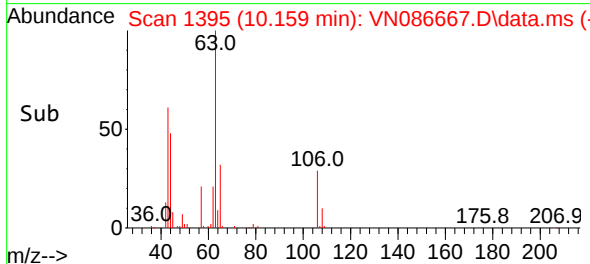
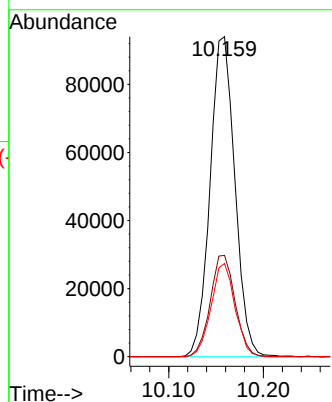
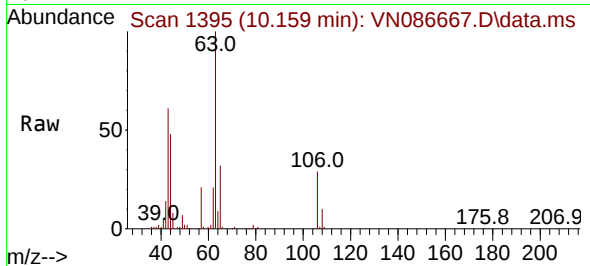




#55
2-Chloroethyl vinyl ether
Concen: 91.559 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

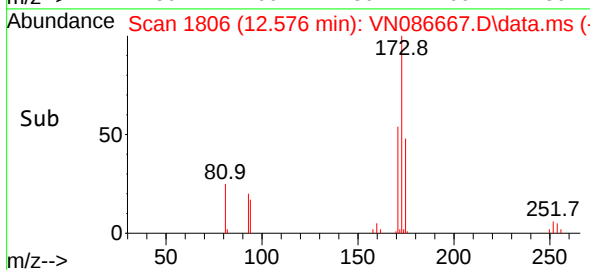
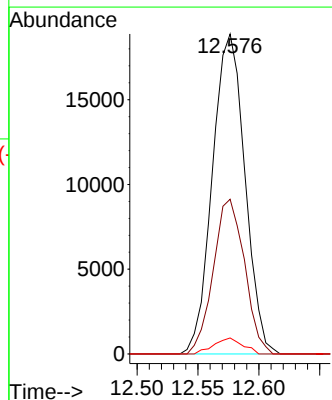
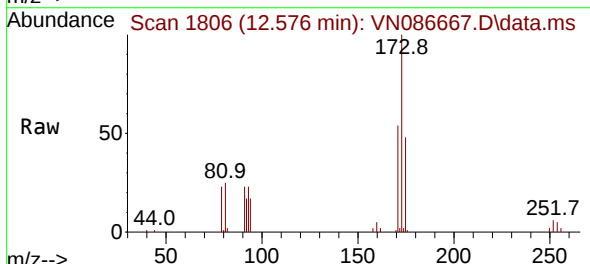
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

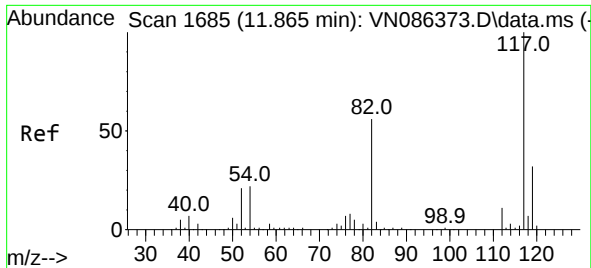
Tgt Ion: 63 Resp: 171184
Ion Ratio Lower Upper
63 100
65 31.7 25.7 38.5
106 28.1 22.3 33.5



#56
Bromoform
Concen: 21.035 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 173 Resp: 34998
Ion Ratio Lower Upper
173 100
175 46.5 39.0 58.6
254 4.4 3.8 5.6

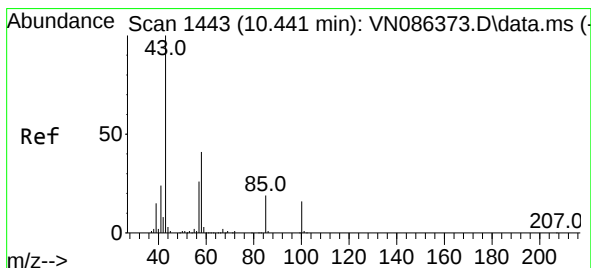
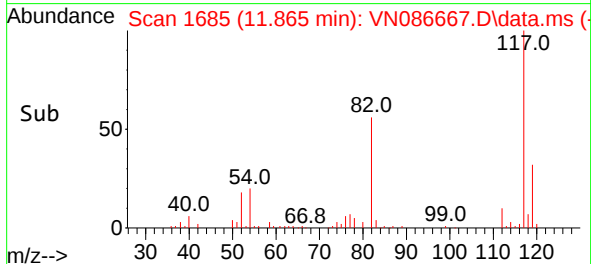
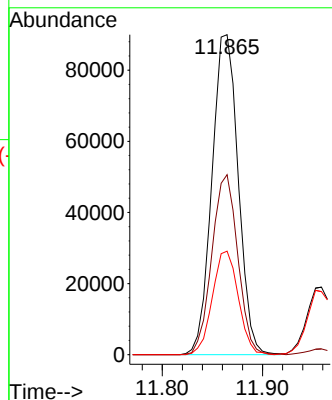
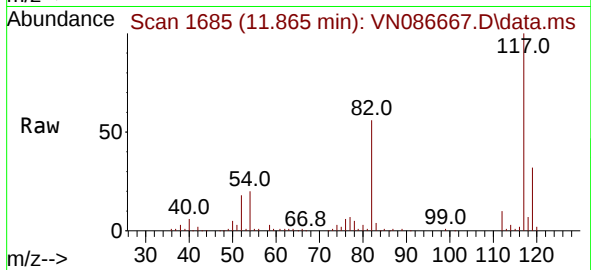




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

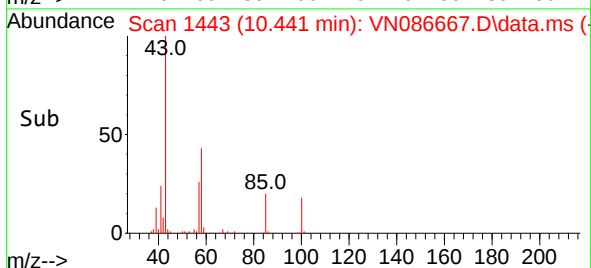
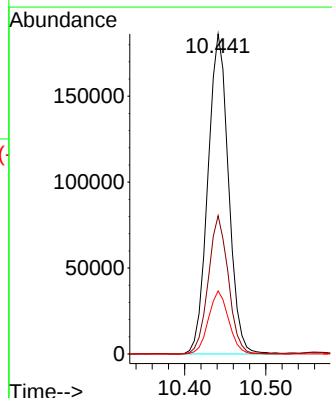
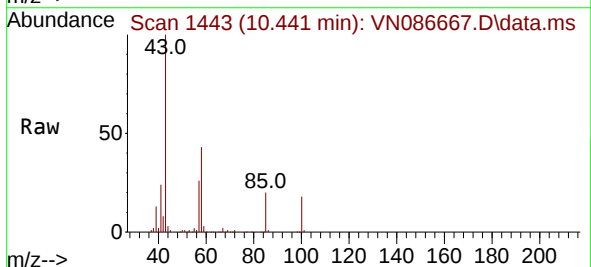
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

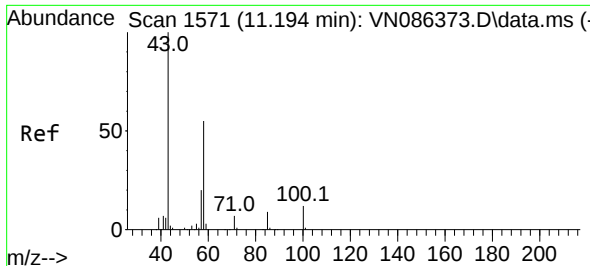
Tgt Ion:117 Resp: 163762
Ion Ratio Lower Upper
117 100
82 55.4 45.5 68.3
119 31.9 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 103.731 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 43 Resp: 328725
Ion Ratio Lower Upper
43 100
58 41.9 33.0 49.6
85 19.2 14.9 22.3

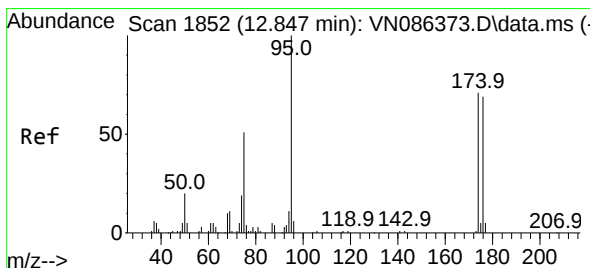
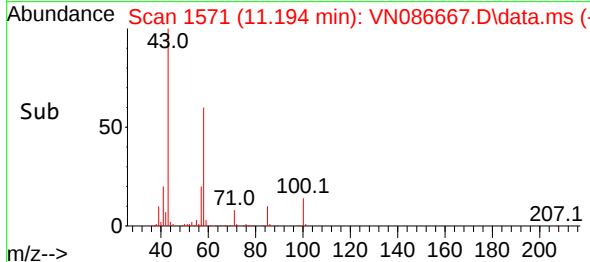
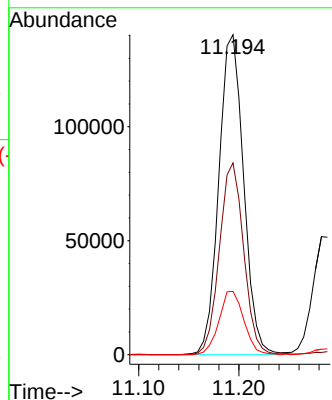
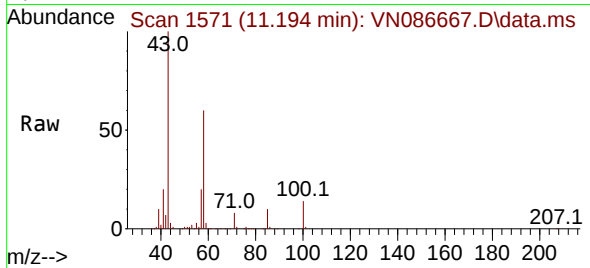




#59
2-Hexanone
Concen: 103.083 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

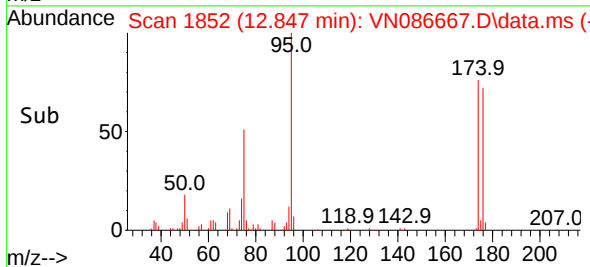
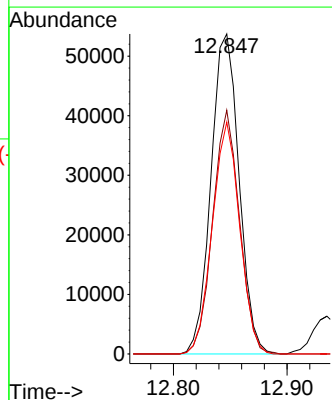
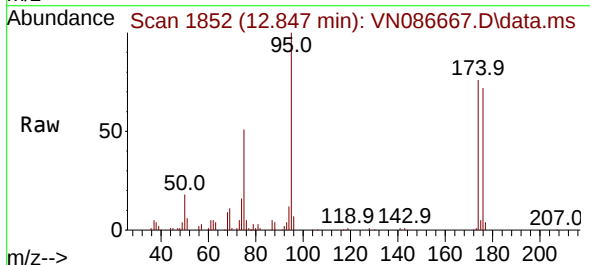
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

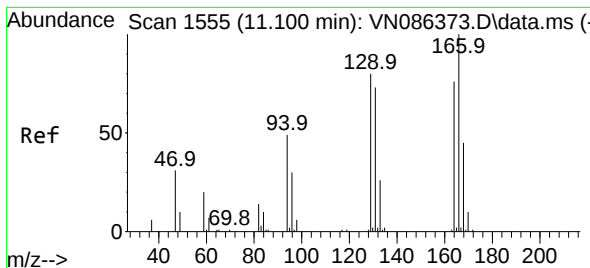
Tgt Ion: 43 Resp: 240733
Ion Ratio Lower Upper
43 100
58 58.6 45.0 67.6
57 19.9 15.5 23.3



#60
4-Bromofluorobenzene
Concen: 28.661 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 95 Resp: 92249
Ion Ratio Lower Upper
95 100
174 72.6 56.6 84.8
176 70.6 53.3 79.9





#61

Tetrachloroethene

Concen: 20.578 ug/l

RT: 11.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086667.D

Acq: 16 May 2025 15:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:164 Resp: 51397

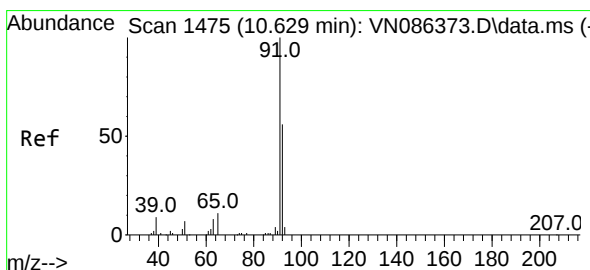
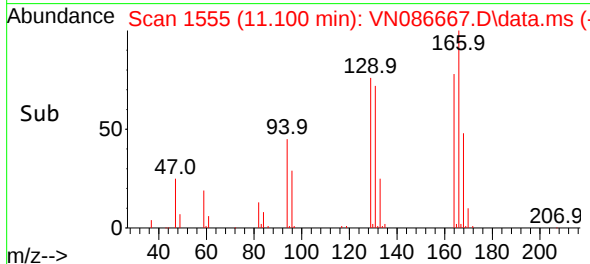
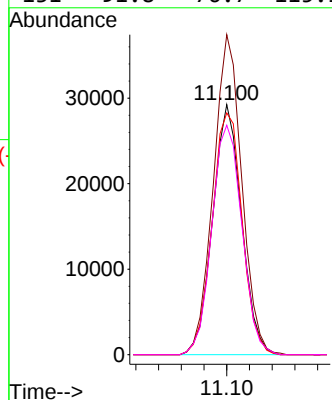
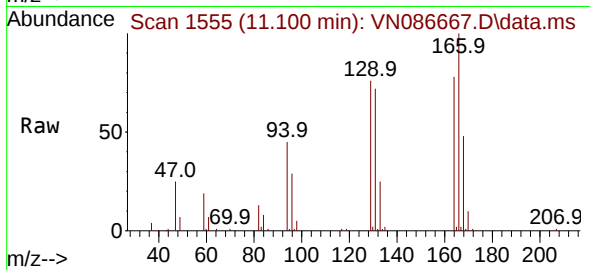
Ion Ratio Lower Upper

164 100

166 128.0 105.0 157.4

129 96.7 83.9 125.9

131 91.8 76.7 115.1



#62

Toluene

Concen: 20.897 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN086667.D

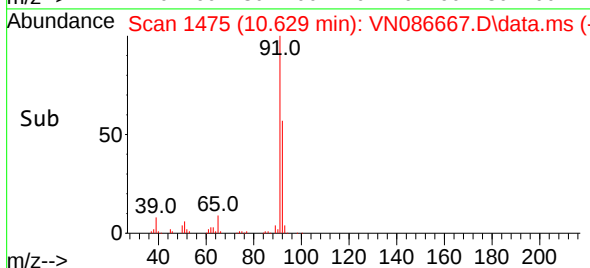
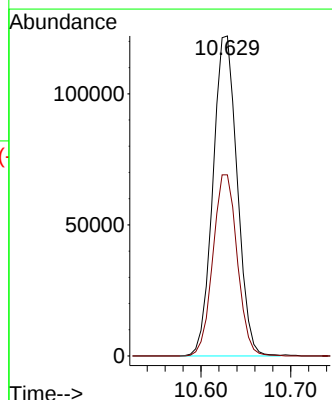
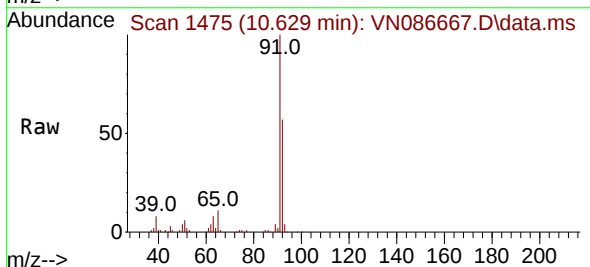
Acq: 16 May 2025 15:09

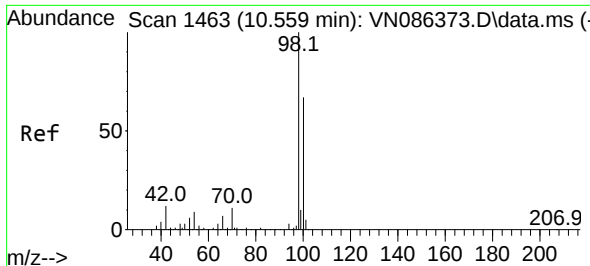
Tgt Ion: 91 Resp: 229064

Ion Ratio Lower Upper

91 100

92 56.8 45.7 68.5

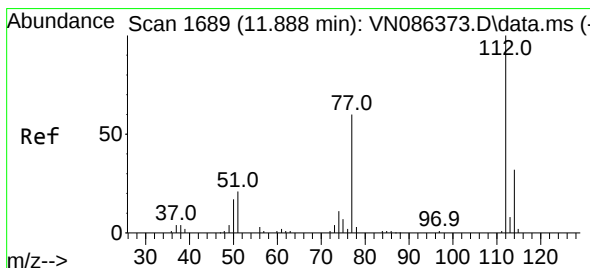
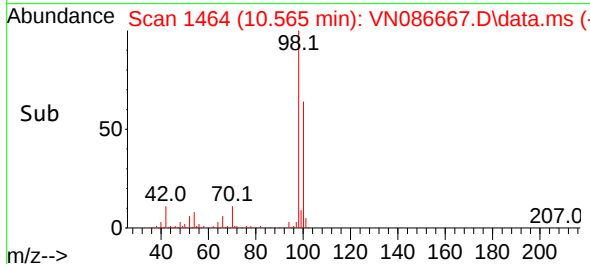
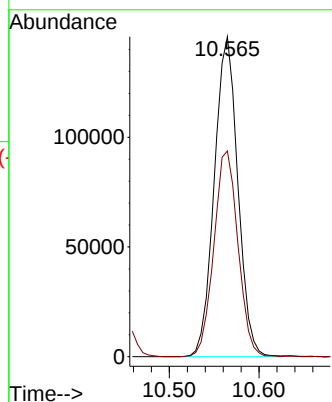
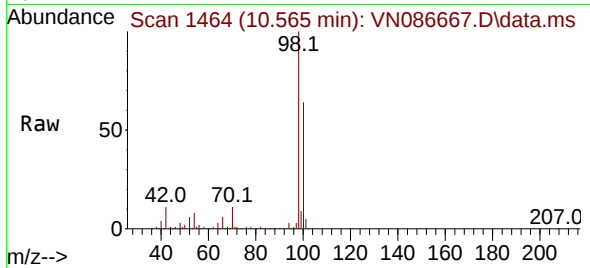




#63
Toluene-d8
Concen: 29.494 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

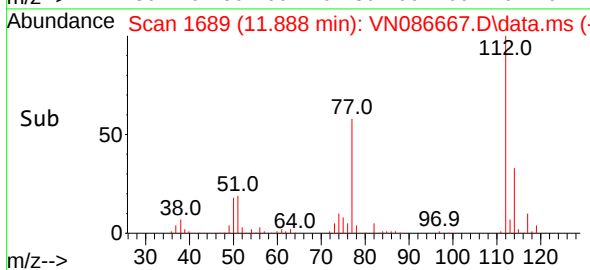
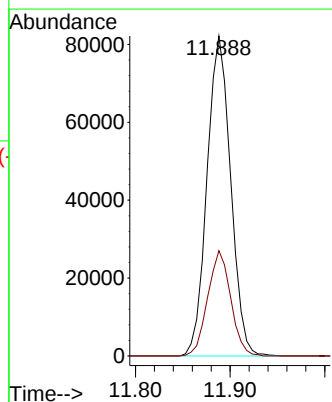
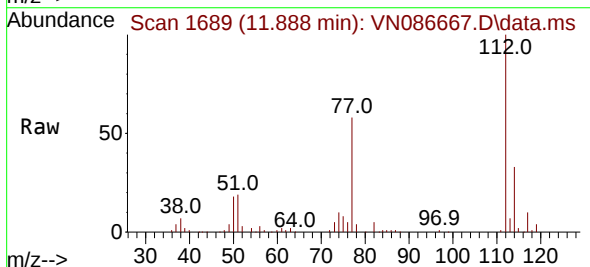
Instrument :
MSVOA_N
ClientSampleId :
VSTDC0020EC

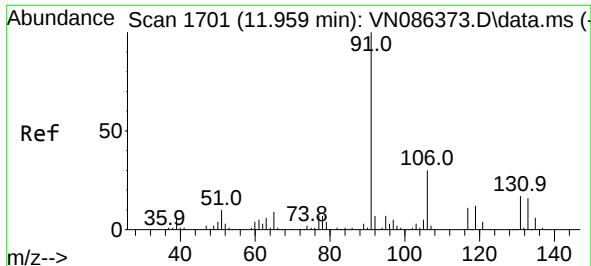
Tgt Ion: 98 Resp: 265722
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#64
Chlorobenzene
Concen: 20.911 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 112 Resp: 142825
Ion Ratio Lower Upper
112 100
114 32.9 25.6 38.4

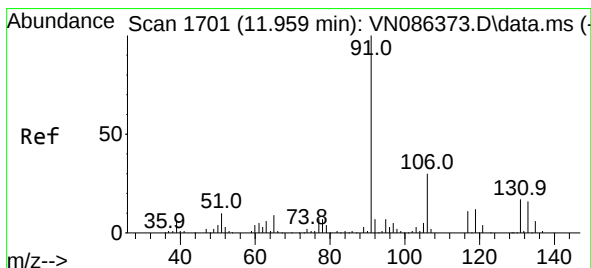
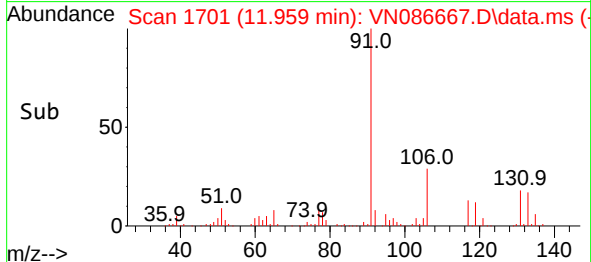
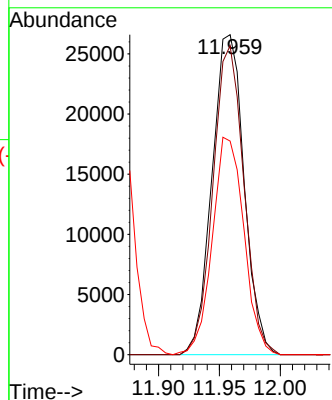
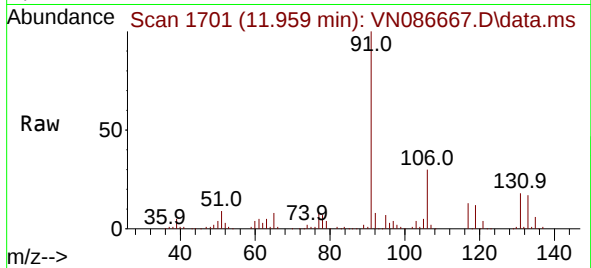




#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.386 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN086667.D
 Acq: 16 May 2025 15:09

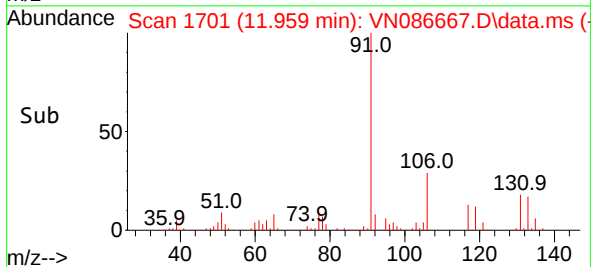
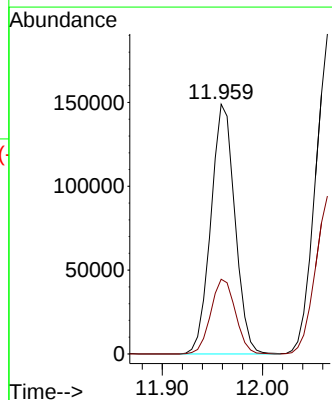
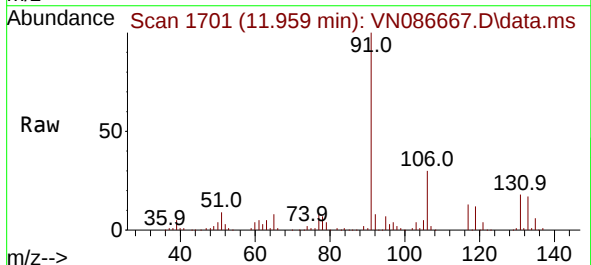
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

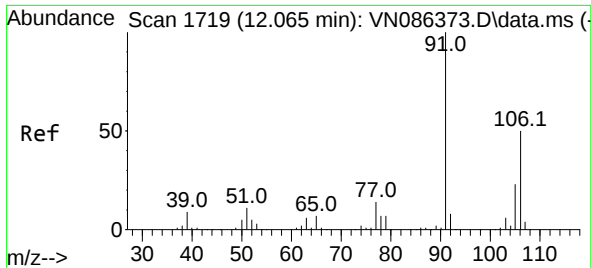
Tgt Ion:131 Resp: 48841
 Ion Ratio Lower Upper
 131 100
 133 92.9 0.0 191.4
 119 66.8 0.0 133.6



#66
 Ethyl Benzene
 Concen: 20.165 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN086667.D
 Acq: 16 May 2025 15:09

Tgt Ion: 91 Resp: 248804
 Ion Ratio Lower Upper
 91 100
 106 29.9 24.3 36.5

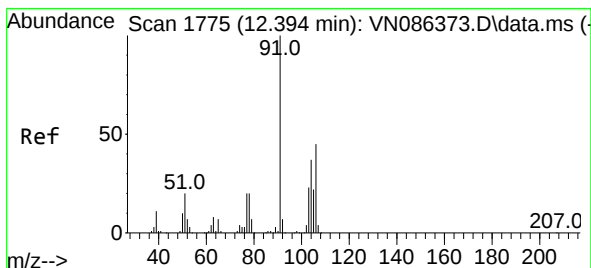
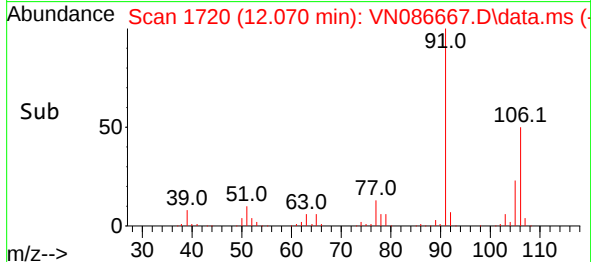
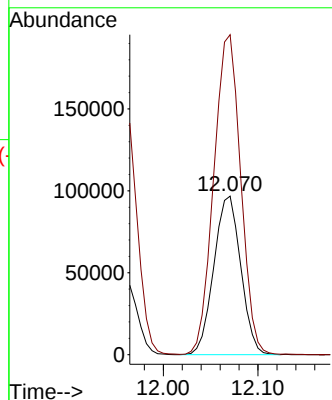
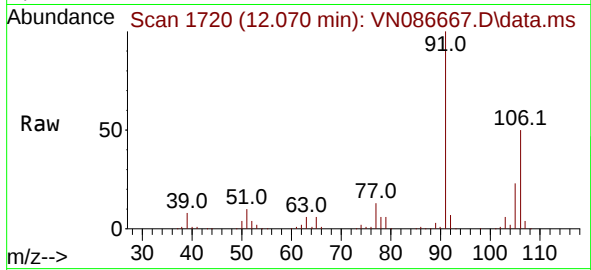




#67
m/p-Xylenes
Concen: 40.810 ug/l
RT: 12.070 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

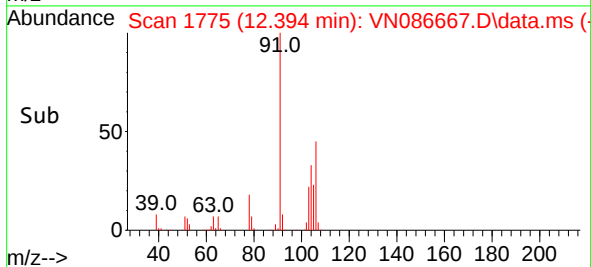
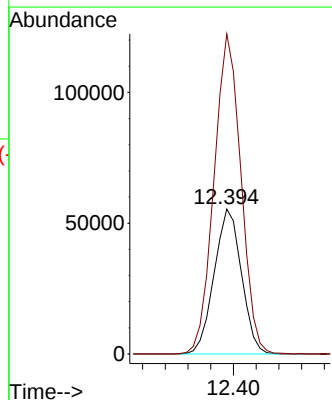
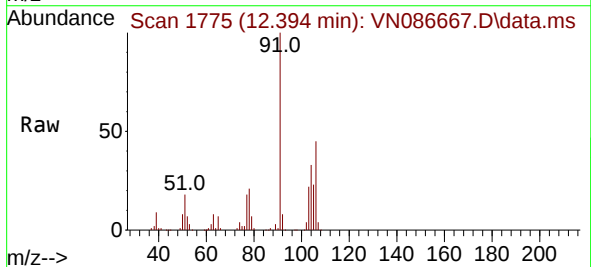
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

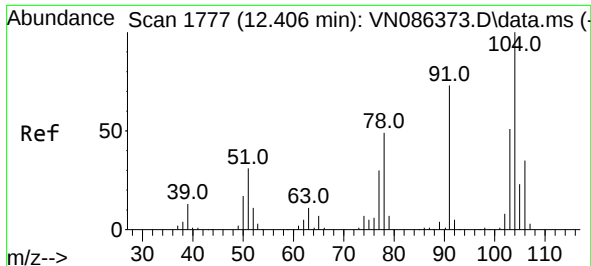
Tgt Ion:106 Resp: 191052
Ion Ratio Lower Upper
106 100
91 201.4 162.6 243.8



#68
o-Xylene
Concen: 20.180 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion:106 Resp: 92502
Ion Ratio Lower Upper
106 100
91 217.7 110.6 331.6

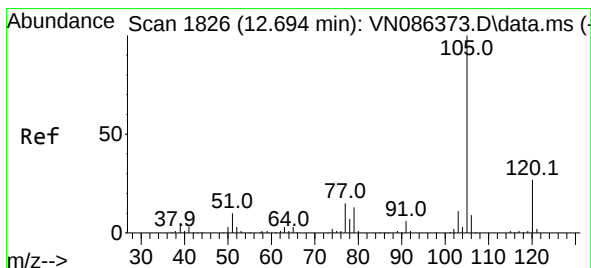
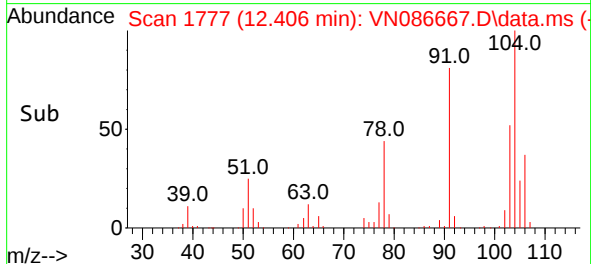
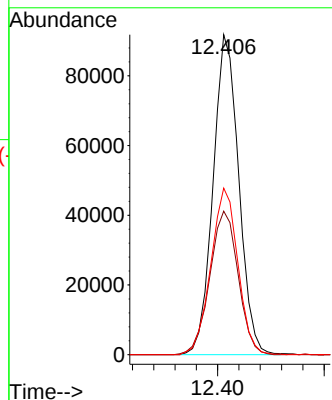
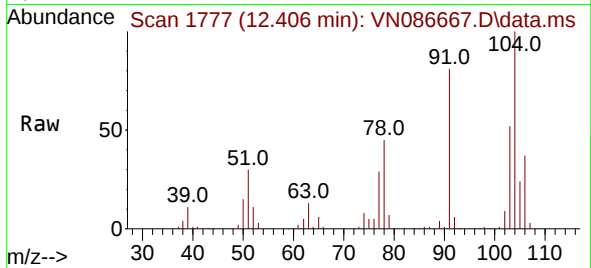




#69
Styrene
Concen: 19.754 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

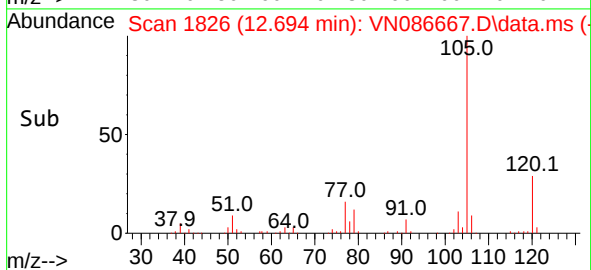
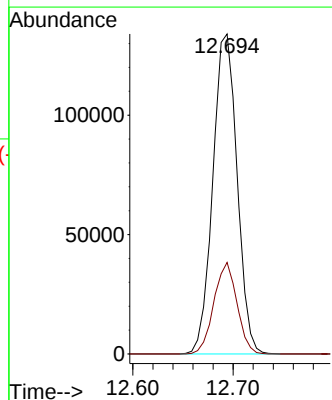
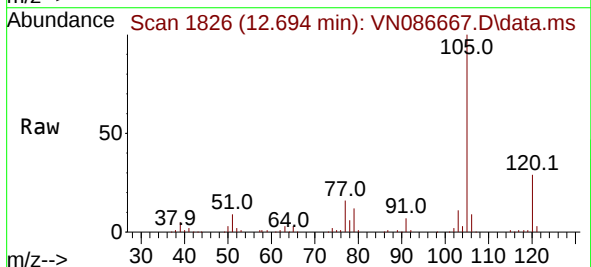
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

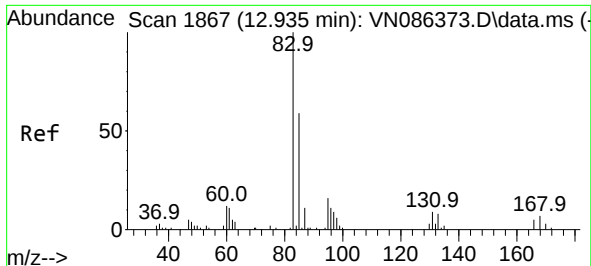
Tgt Ion:104 Resp: 153474
Ion Ratio Lower Upper
104 100
78 49.5 40.2 60.4
103 54.8 43.8 65.8



#70
Isopropylbenzene
Concen: 19.697 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion:105 Resp: 225383
Ion Ratio Lower Upper
105 100
120 27.2 18.2 33.8

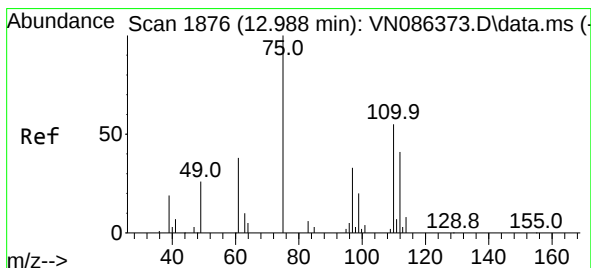
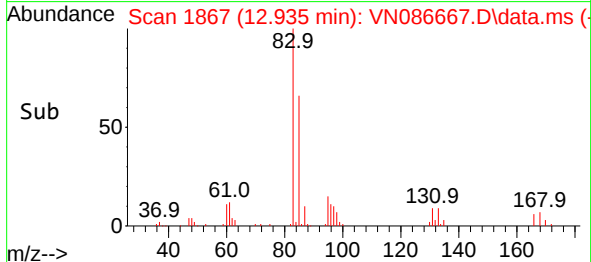
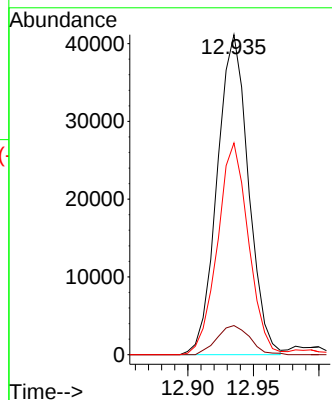
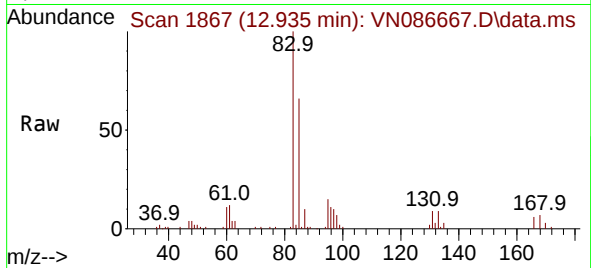




#71
1,1,2,2-Tetrachloroethane
Concen: 22.668 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

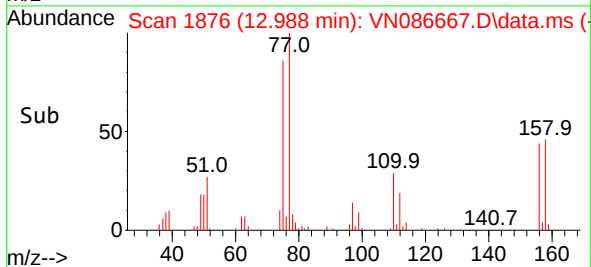
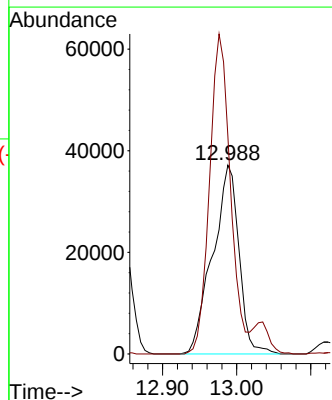
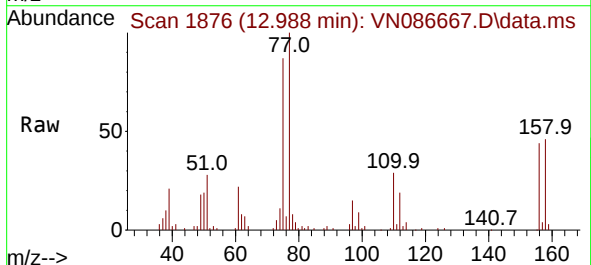
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

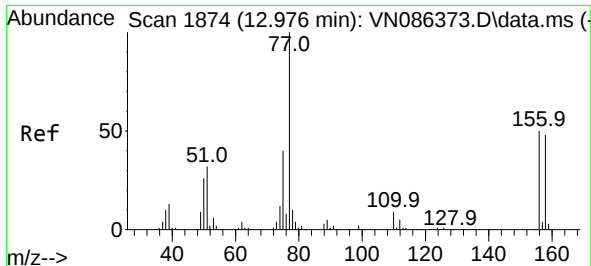
Tgt Ion: 83 Resp: 68295
Ion Ratio Lower Upper
83 100
131 9.6 4.5 13.7
85 65.5 31.7 95.1



#72
1,2,3-Trichloropropane
Concen: 34.930 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 75 Resp: 91752
Ion Ratio Lower Upper
75 100
77 134.7 0.0 464.4

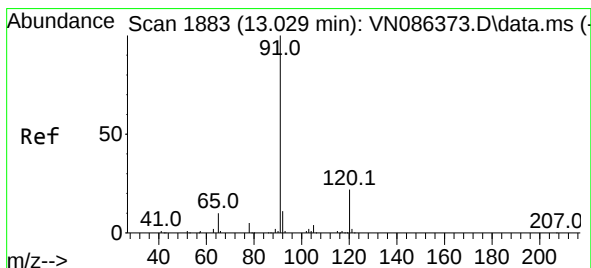
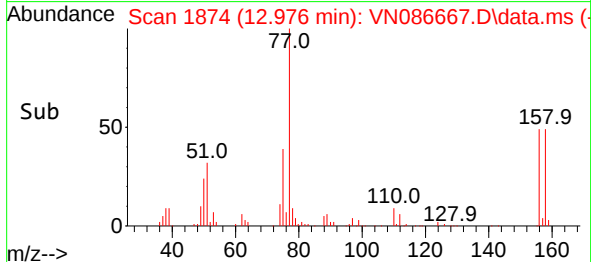
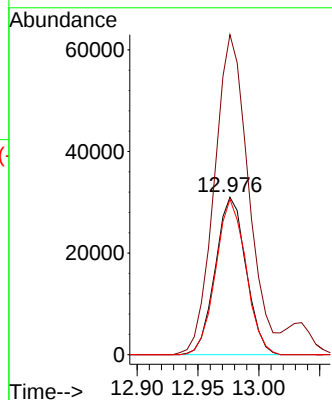
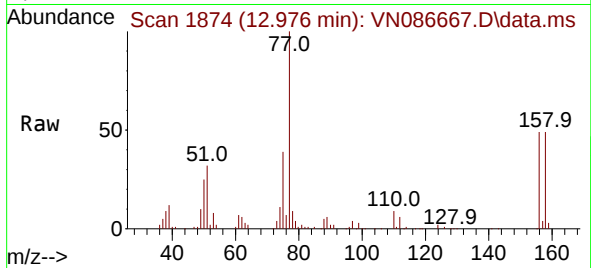




#73
Bromobenzene
Concen: 20.669 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

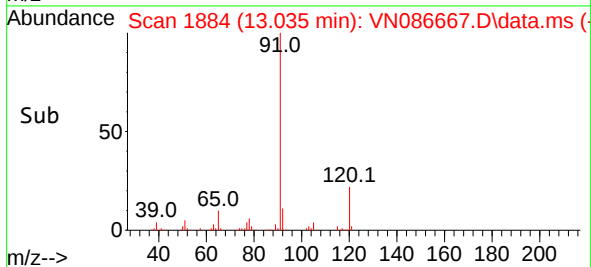
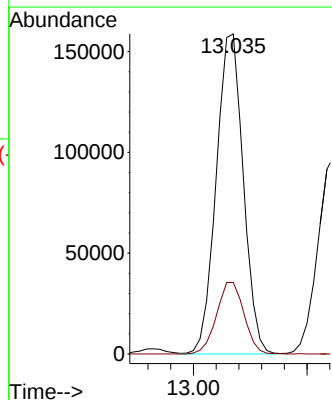
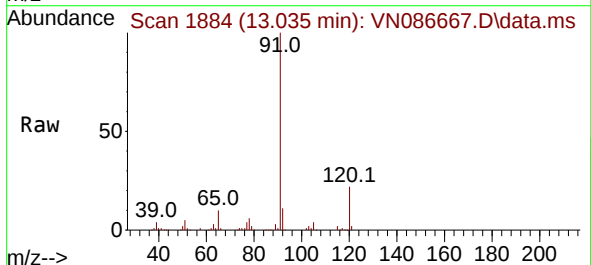
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

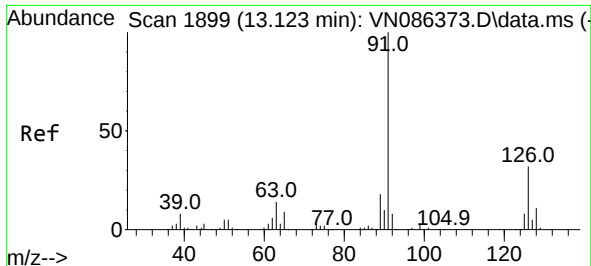
Tgt Ion:156 Resp: 54371
Ion Ratio Lower Upper
156 100
77 227.4 0.0 463.4
158 97.0 0.0 191.8



#74
n-propylbenzene
Concen: 19.326 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 91 Resp: 262775
Ion Ratio Lower Upper
91 100
120 22.7 0.0 43.8

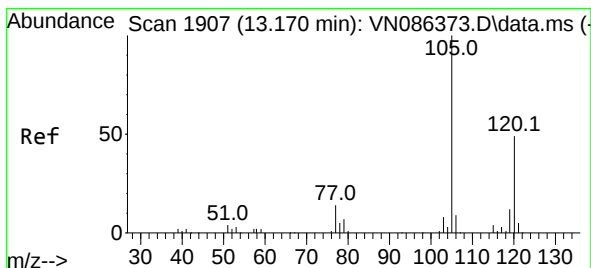
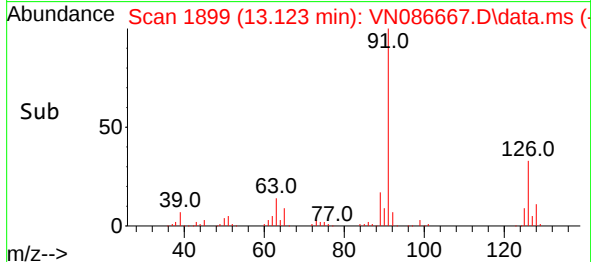
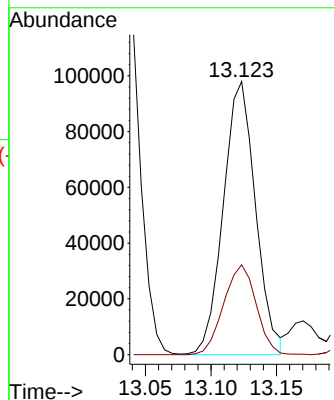
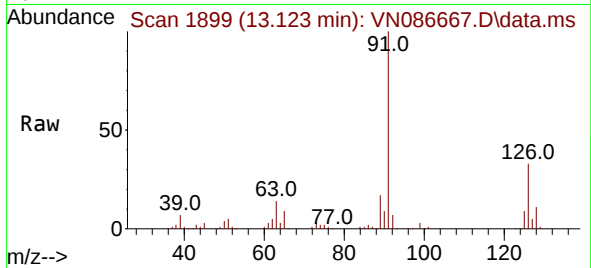




#75
2-Chlorotoluene
Concen: 19.748 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

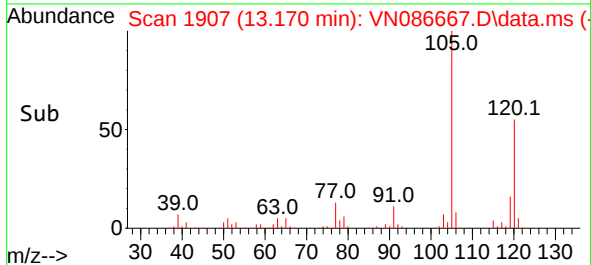
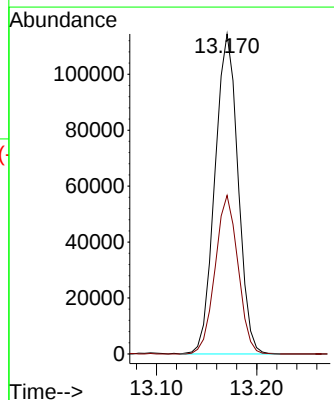
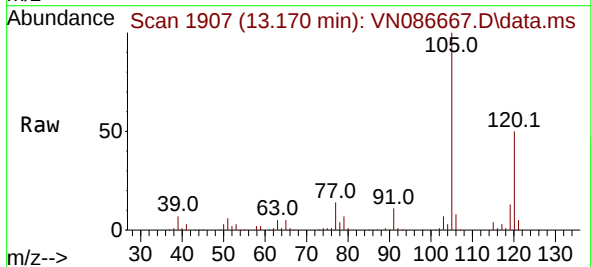
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

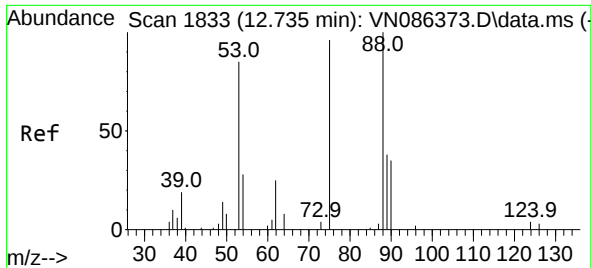
Tgt Ion: 91 Resp: 167624
Ion Ratio Lower Upper
91 100
126 33.1 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 19.524 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 105 Resp: 183303
Ion Ratio Lower Upper
105 100
120 49.0 0.0 97.6

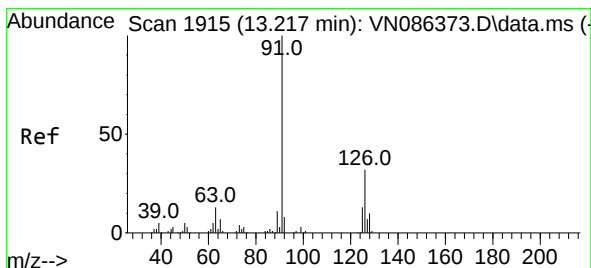
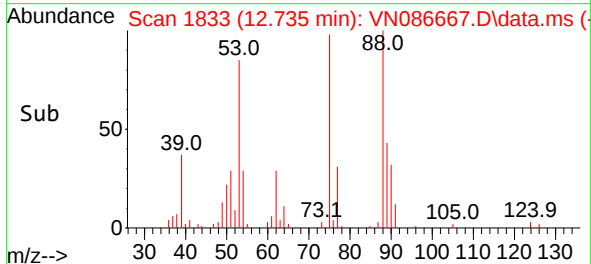
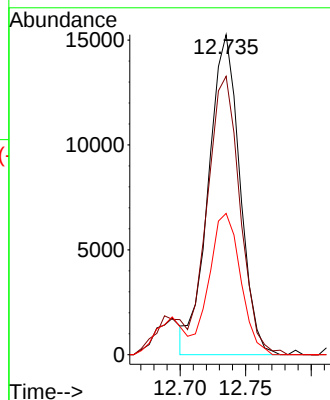
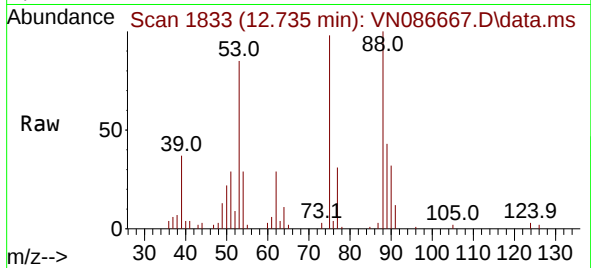




#77
 t-1,4-Dichloro-2-butene
 Concen: 19.082 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: VN086667.D
 Acq: 16 May 2025 15:09

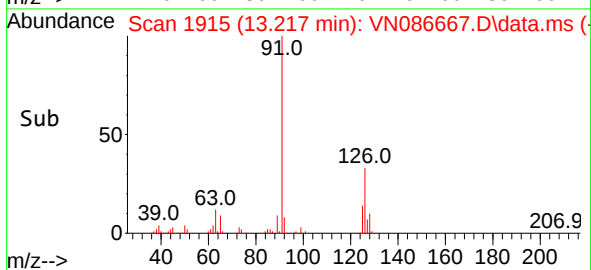
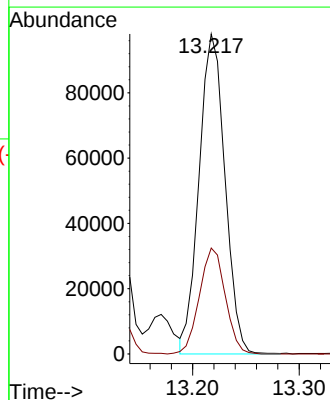
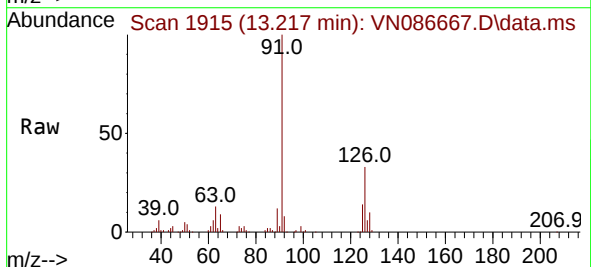
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

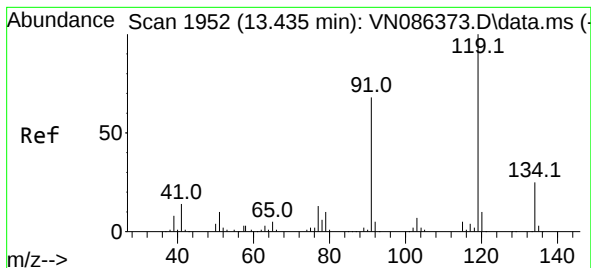
Tgt Ion: 75 Resp: 25438
 Ion Ratio Lower Upper
 75 100
 53 85.6 46.0 138.0
 89 44.2 21.6 64.6



#78
 4-Chlorotoluene
 Concen: 19.526 ug/l
 RT: 13.217 min Scan# 1915
 Delta R.T. -0.000 min
 Lab File: VN086667.D
 Acq: 16 May 2025 15:09

Tgt Ion: 91 Resp: 165712
 Ion Ratio Lower Upper
 91 100
 126 33.0 0.0 65.4





#79

tert-butylbenzene

Concen: 19.443 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086667.D

Acq: 16 May 2025 15:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

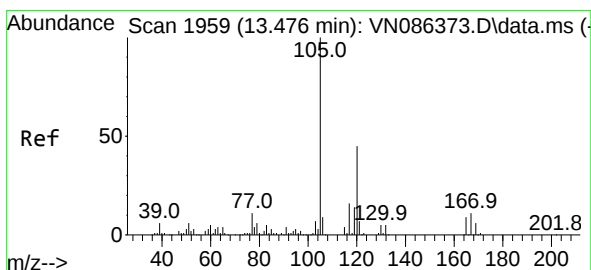
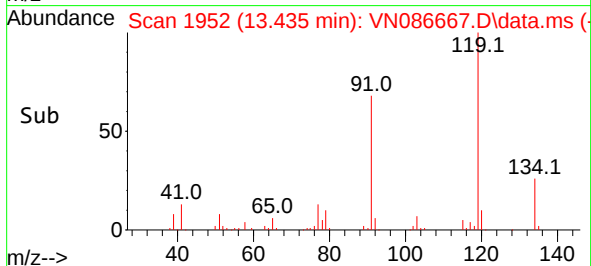
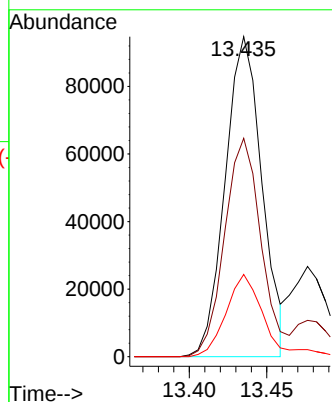
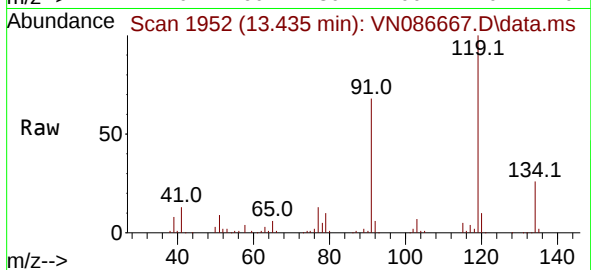
Tgt Ion:119 Resp: 156339

Ion Ratio Lower Upper

119 100

91 68.3 0.0 137.4

134 24.8 0.0 49.2



#80

1,2,4-Trimethylbenzene

Concen: 19.099 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086667.D

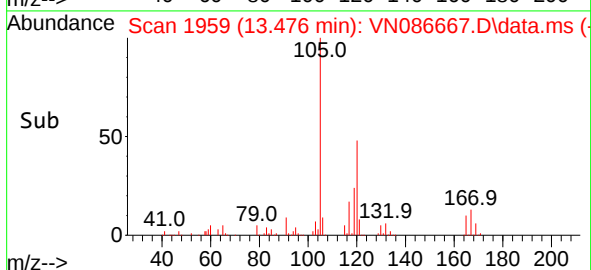
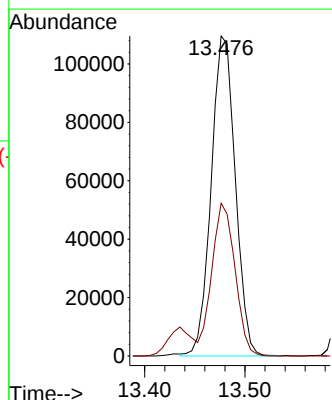
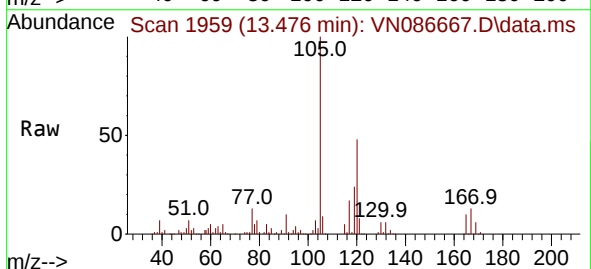
Acq: 16 May 2025 15:09

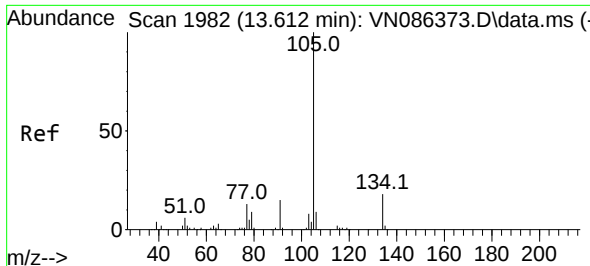
Tgt Ion:105 Resp: 183125

Ion Ratio Lower Upper

105 100

120 45.8 0.0 87.6

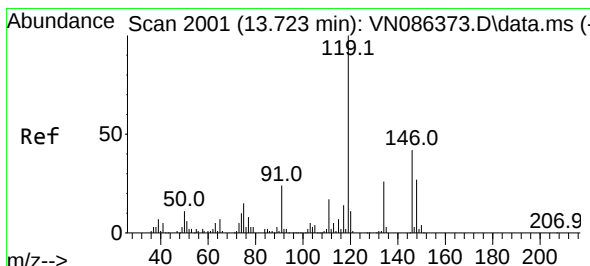
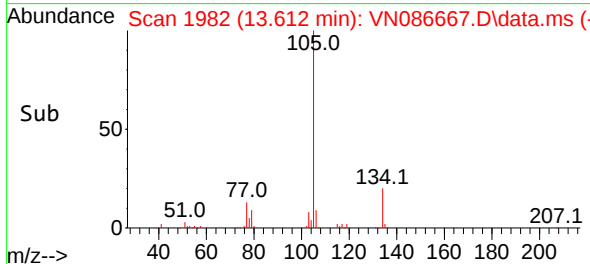
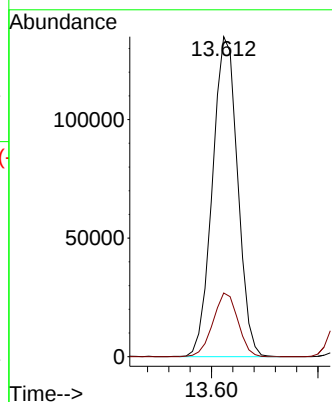
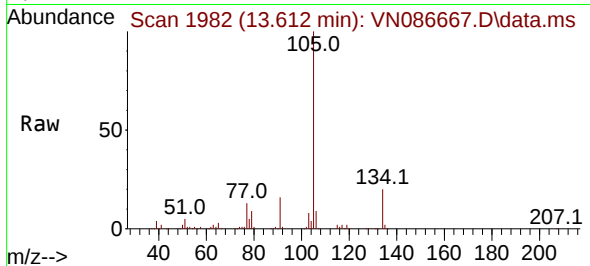




#81
 sec-Butylbenzene
 Concen: 19.280 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086667.D
 Acq: 16 May 2025 15:09

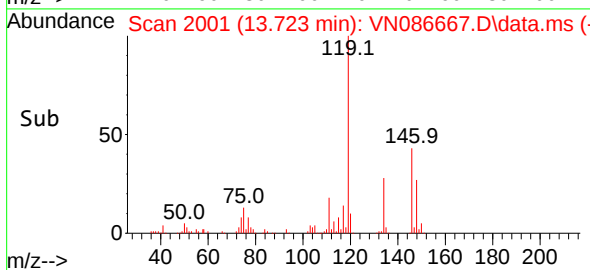
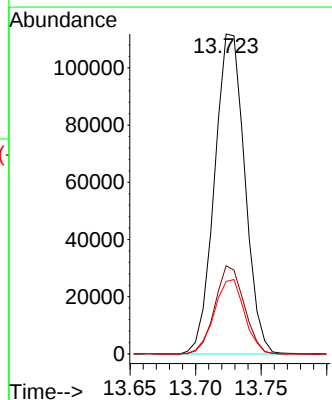
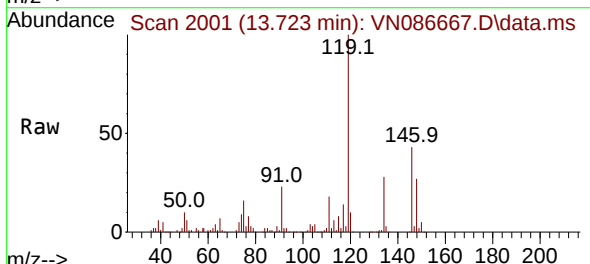
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

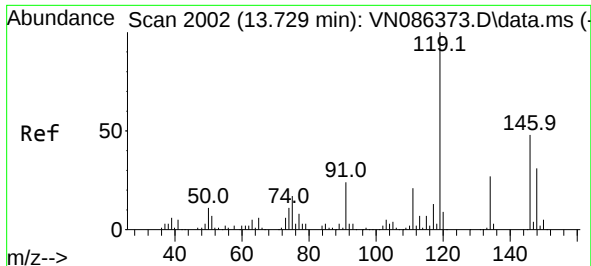
Tgt Ion:105 Resp: 221288
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 18.679 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086667.D
 Acq: 16 May 2025 15:09

Tgt Ion:119 Resp: 179398
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 52.2
 91 23.3 0.0 47.6

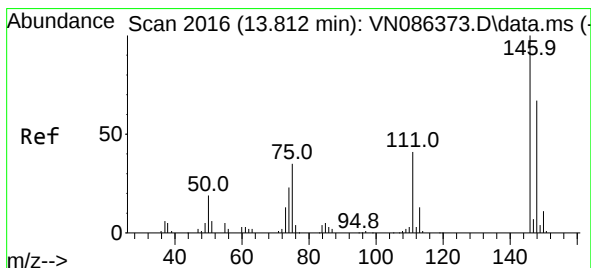
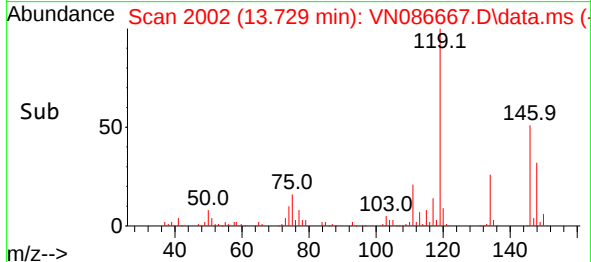
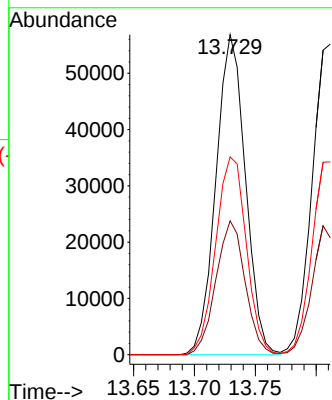
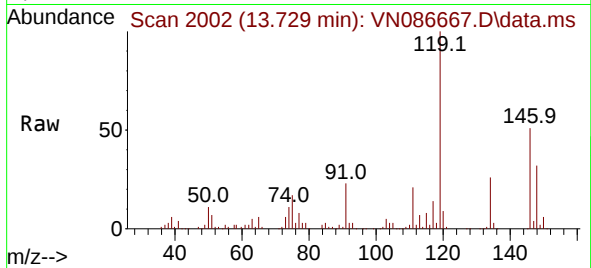




#83
1,3-Dichlorobenzene
Concen: 19.252 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

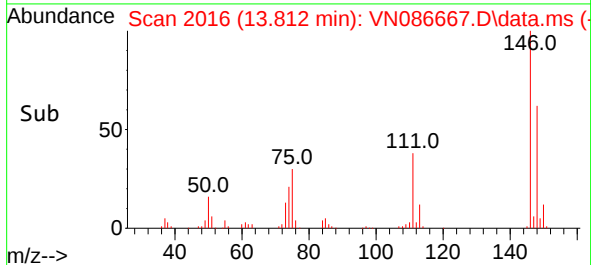
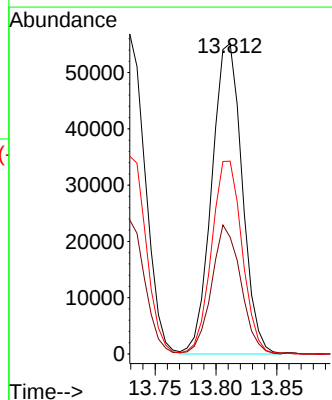
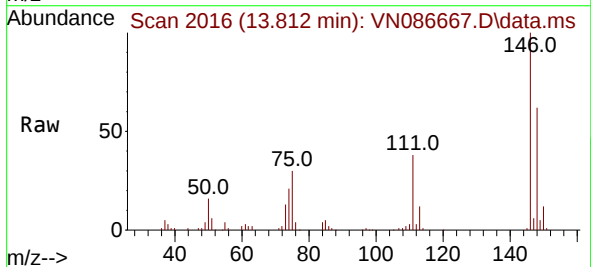
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

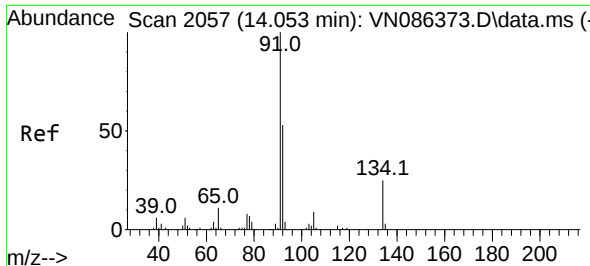
Tgt Ion:146 Resp: 95735
Ion Ratio Lower Upper
146 100
111 41.4 20.7 62.1
148 64.2 32.3 96.8



#84
1,4-Dichlorobenzene
Concen: 19.494 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion:146 Resp: 95778
Ion Ratio Lower Upper
146 100
111 39.9 20.3 60.8
148 62.4 32.4 97.2

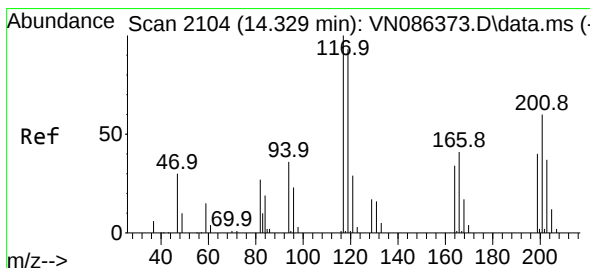
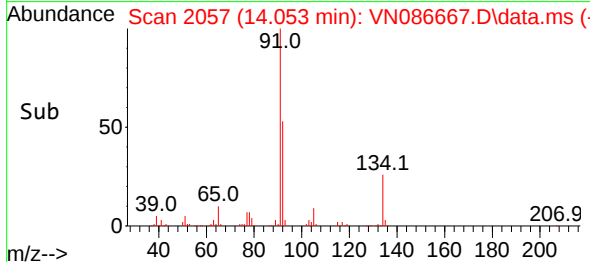
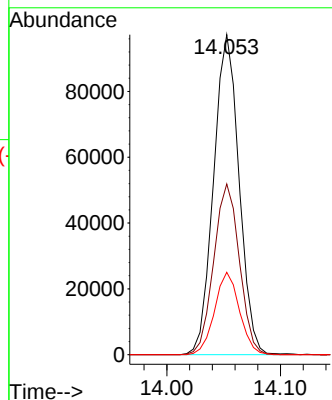
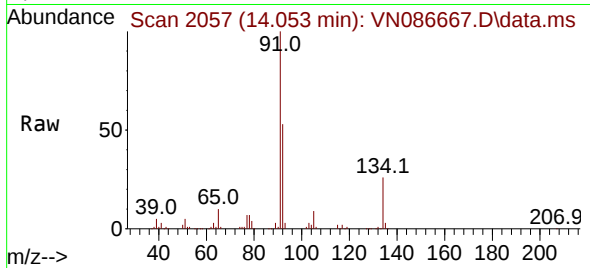




#85
n-Butylbenzene
Concen: 17.675 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

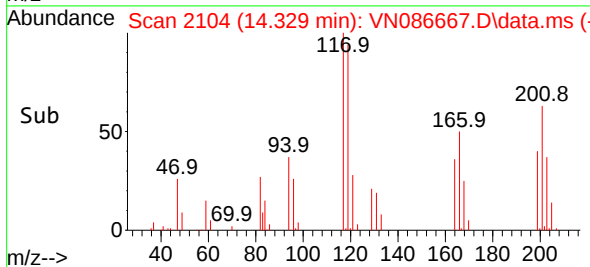
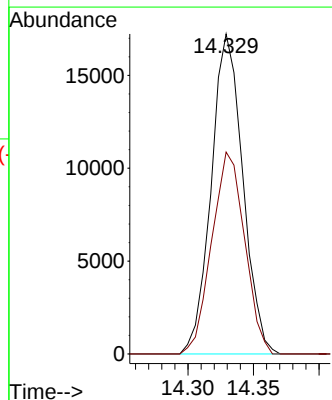
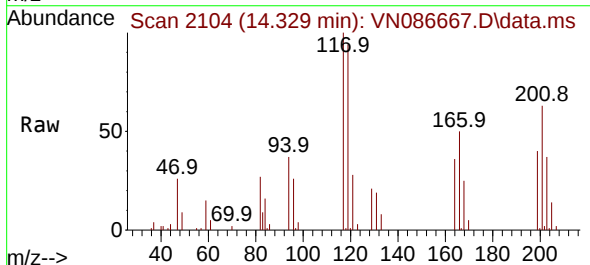
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

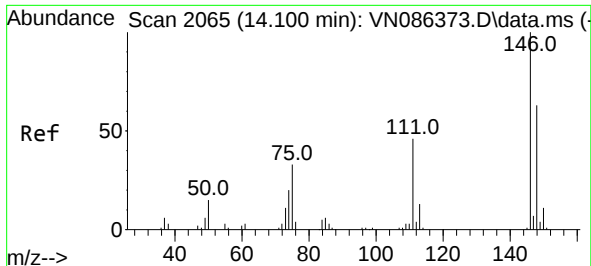
Tgt Ion: 91 Resp: 151476
Ion Ratio Lower Upper
91 100
92 53.7 0.0 107.2
134 25.2 0.0 48.2



#86
Hexachloroethane
Concen: 18.388 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion: 117 Resp: 28878
Ion Ratio Lower Upper
117 100
201 65.6 31.7 95.1





#87

1,2-Dichlorobenzene

Concen: 19.834 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VN086667.D

Acq: 16 May 2025 15:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

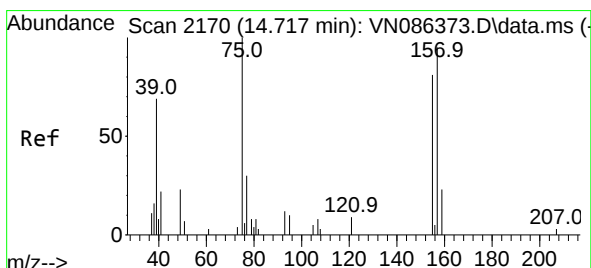
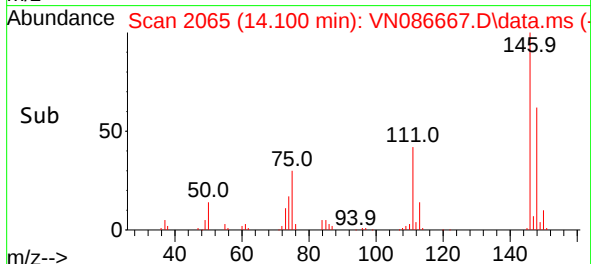
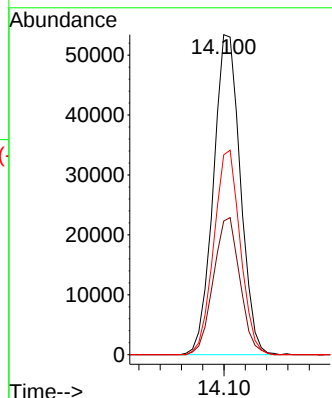
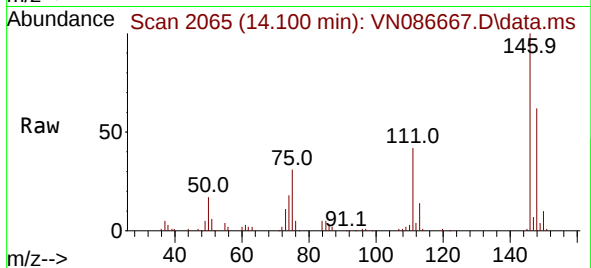
Tgt Ion:146 Resp: 93845

Ion Ratio Lower Upper

146 100

111 42.2 22.1 66.3

148 62.6 32.0 96.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.975 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN086667.D

Acq: 16 May 2025 15:09

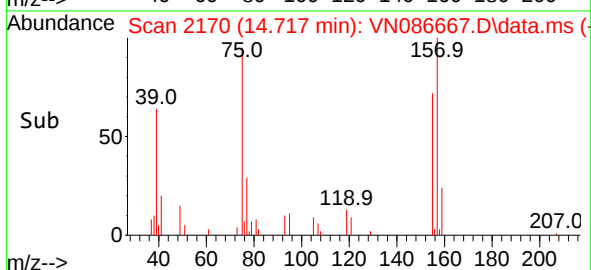
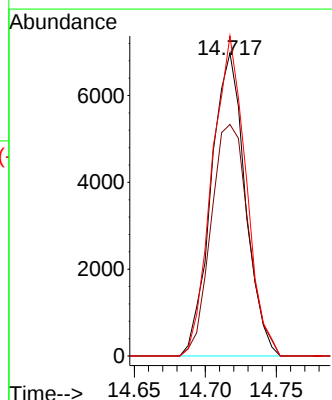
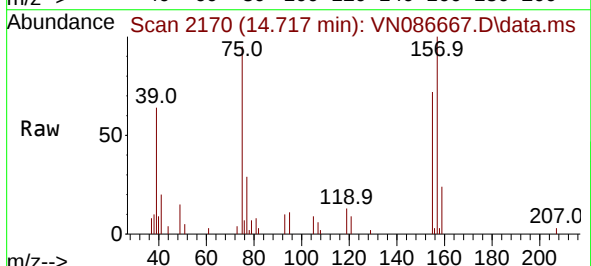
Tgt Ion: 75 Resp: 11620

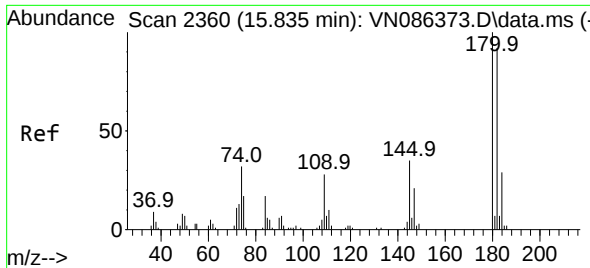
Ion Ratio Lower Upper

75 100

155 83.9 64.0 96.0

157 105.3 78.2 117.4

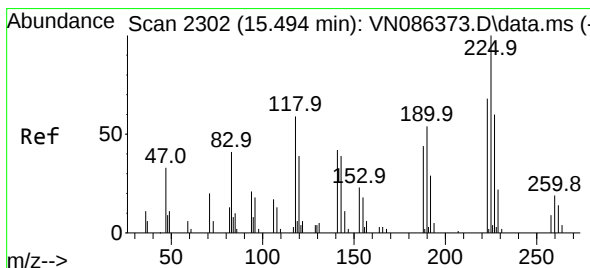
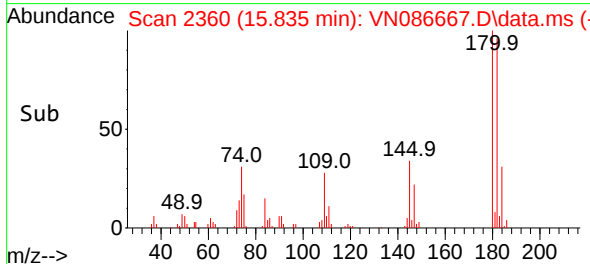
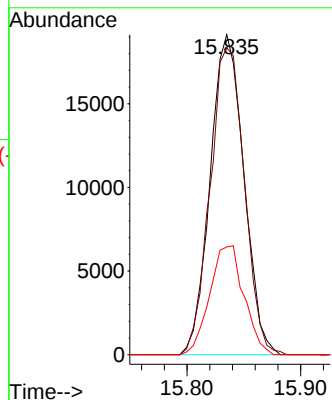
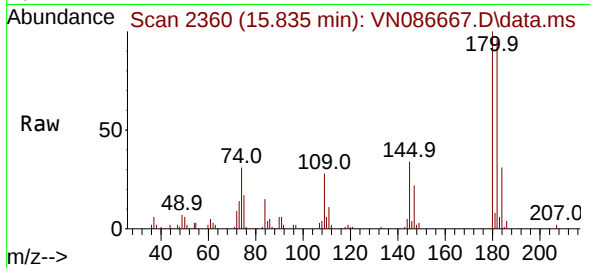




#89
1,2,4-Trichlorobenzene
Concen: 18.266 ug/l
RT: 15.835 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

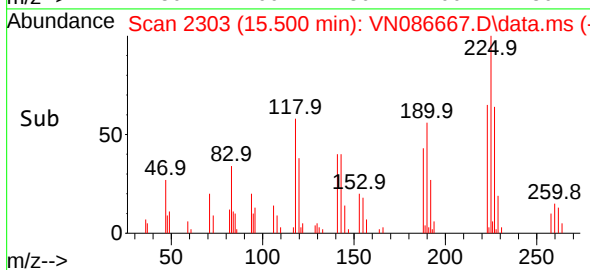
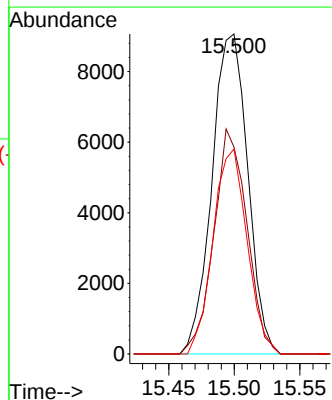
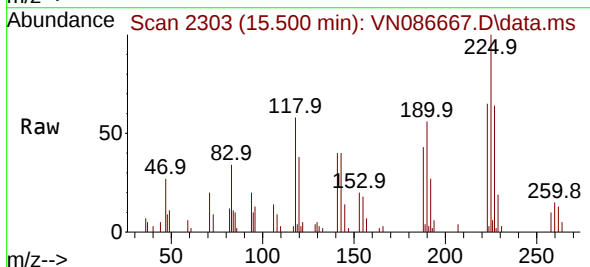
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

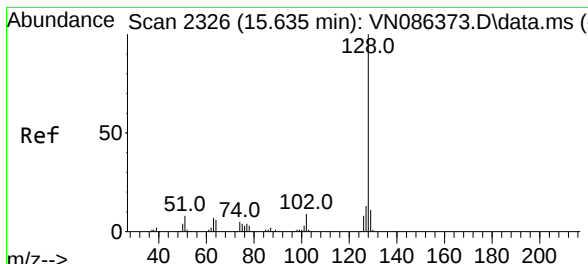
Tgt Ion:180 Resp: 39391
Ion Ratio Lower Upper
180 100
182 97.6 74.8 112.2
145 34.7 26.9 40.3



#90
Hexachlorobutadiene
Concen: 19.805 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion:225 Resp: 17204
Ion Ratio Lower Upper
225 100
223 65.0 0.0 128.8
227 60.9 0.0 120.2

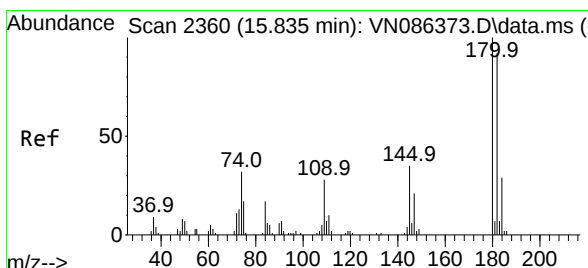
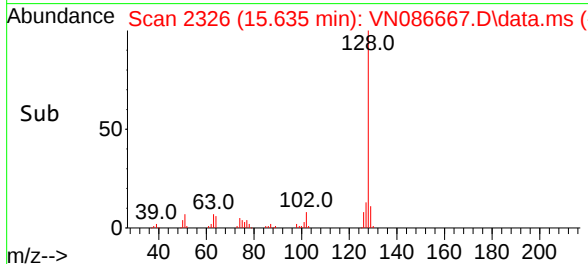
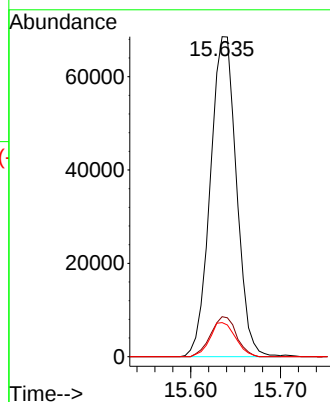
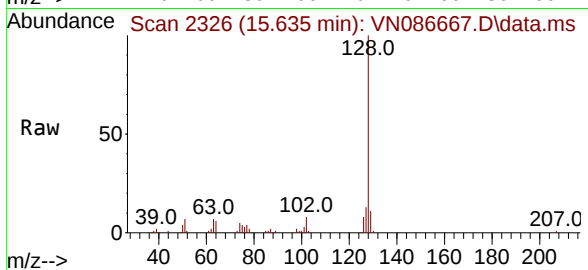




#91
Naphthalene
Concen: 17.978 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	128	Resp:	138801
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.6	15.8
129	10.4	8.7	13.1



#92
1,2,3-Trichlorobenzene
Concen: 18.266 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086667.D
Acq: 16 May 2025 15:09

Tgt Ion:	180	Resp:	39391
Ion Ratio	Lower	Upper	
180	100		
182	97.6	0.0	187.0
145	34.7	0.0	67.2

