

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
 Data File : VN087603.D
 Acq On : 20 Aug 2025 08:58
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Aug 21 02:38:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	57702	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	317393	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	285286	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	154828	29.091	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.967%
60) 4-Bromofluorobenzene	12.829	95	143397	29.208	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.367%
63) Toluene-d8	10.547	98	400169	30.485	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.633%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	64994	17.252	ug/l	96
3) Chloromethane	2.389	50	65645	16.983	ug/l	100
4) Vinyl Chloride	2.542	62	74097	18.074	ug/l	99
5) Bromomethane	2.983	94	32239	14.529	ug/l	83
6) Chloroethane	3.136	64	48200	18.233	ug/l	93
7) Trichlorofluoromethane	3.506	101	107504	18.221	ug/l	100
8) Diethyl Ether	3.959	74	47338	19.259	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	61471	20.431	ug/l	69
10) 1,1-Dichloroethene	4.330	96	58689	18.571	ug/l	92
11) Methyl Iodide	4.583	142	17337	6.967	ug/l	78
12) Methyl Acetate	5.018	43	114130	19.570	ug/l	94
13) Acrolein	4.171	56	117000	131.353	ug/l	100
14) Acrylonitrile	5.706	53	222230	87.265	ug/l	98
15) Acetone	4.424	58	85509	117.518	ug/l	97
16) Carbon Disulfide	4.700	76	160975	16.421	ug/l #	94
17) Allyl chloride	5.006	41	103244	16.028	ug/l	95
18) Methylene Chloride	5.265	84	74219	18.243	ug/l	91
19) trans-1,2-Dichloroethene	5.765	96	64181	17.078	ug/l	96
20) Diisopropyl ether	6.659	45	250003	17.037	ug/l	98
21) 1,1-Dichloroethane	6.559	63	130342	17.184	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	80780	17.469	ug/l	99
23) tert-Butyl Alcohol	5.524	59	86789	80.203	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	243546	16.912	ug/l	97
25) Chloroform	7.947	83	140528	17.749	ug/l	99
26) Cyclohexane	8.241	56	102230	16.833	ug/l #	94
29) 1,1-Dichloropropene	8.353	75	88541	17.104	ug/l	98
30) 2-Butanone	7.471	43	341108	89.393	ug/l	99
31) 2,2-Dichloropropane	7.477	77	120550	18.055	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	115174	17.444	ug/l	98
33) Carbon Tetrachloride	8.341	117	95298	17.375	ug/l	96
34) Benzene	8.588	78	286111	17.509	ug/l	98
35) Methacrylonitrile	7.765	41	65681	15.951	ug/l	93
36) 1,2-Dichloroethane	8.653	62	113054	17.117	ug/l	100
37) Trichloroethene	9.335	130	64850	18.016	ug/l	100
38) Methylcyclohexane	9.582	83	100808	16.786	ug/l	98
39) 1,2-Dichloropropane	9.606	63	73002	17.424	ug/l	98
40) Dibromomethane	9.688	93	54522	17.344	ug/l	95
41) Bromodichloromethane	9.871	83	113859	17.431	ug/l	92
42) Vinyl Acetate	6.589	43	1022354	81.357	ug/l	98

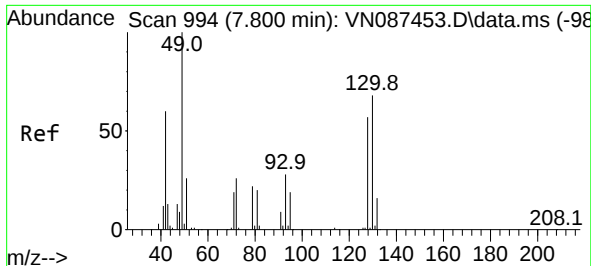
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	126086	17.104	ug/l	99
44) Isopropyl Acetate	8.677	43	208274	16.667	ug/l	98
45) 1,4-Dioxane	9.682	88	28200	354.000	ug/l	93
46) Methyl methacrylate	9.665	41	95204	16.140	ug/l	97
47) n-amyl Acetate	12.535	43	12147	1.760	ug/l #	26
48) t-1,3-Dichloropropene	10.818	75	119093	16.758	ug/l	98
49) cis-1,3-Dichloropropene	10.294	75	123512	17.270	ug/l	95
50) 1,1,2-Trichloroethane	10.994	97	72151	18.166	ug/l	95
51) Ethyl methacrylate	10.859	69	116788	16.696	ug/l	90
52) 1,3-Dichloropropane	11.141	76	124808	17.442	ug/l	98
53) Dibromochloromethane	11.341	129	79944	17.429	ug/l	98
54) 1,2-Dibromoethane	11.447	107	72831	17.274	ug/l	96
55) 2-Chloroethyl vinyl ether	10.141	63	321490	87.306	ug/l	99
56) Bromoform	12.559	173	50513	16.650	ug/l #	99
58) 4-Methyl-2-Pentanone	10.424	43	642892	87.601	ug/l	99
59) 2-Hexanone	11.176	43	426791	85.590	ug/l	99
61) Tetrachloroethene	11.082	164	52177	18.773	ug/l	97
62) Toluene	10.612	91	311784	17.707	ug/l	100
64) Chlorobenzene	11.871	112	192641	17.805	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.941	131	68728	18.067	ug/l	97
66) Ethyl Benzene	11.941	91	336747	17.159	ug/l	97
67) m/p-Xylenes	12.053	106	254623	35.346	ug/l	96
68) o-Xylene	12.376	106	119101	16.805	ug/l	99
69) Styrene	12.388	104	208652	17.242	ug/l	98
70) Isopropylbenzene	12.676	105	313834	17.430	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.918	83	109327	17.721	ug/l	97
72) 1,2,3-Trichloropropane	12.970	75	148125	25.774	ug/l	54
73) Bromobenzene	12.959	156	75330	18.048	ug/l	95
74) n-propylbenzene	13.012	91	395838	17.603	ug/l	99
75) 2-Chlorotoluene	13.106	91	233365	16.871	ug/l	95
76) 1,3,5-Trimethylbenzene	13.153	105	265756	17.239	ug/l	96
77) t-1,4-Dichloro-2-butene	12.718	75	34633	15.919	ug/l	88
78) 4-Chlorotoluene	13.200	91	234404	16.723	ug/l	100
79) tert-butylbenzene	13.417	119	225259	17.330	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	273098	17.728	ug/l	98
81) sec-Butylbenzene	13.594	105	337055	17.813	ug/l	99
82) p-Isopropyltoluene	13.706	119	271115	17.256	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	144826	18.221	ug/l	99
84) 1,4-Dichlorobenzene	13.794	146	148953	18.485	ug/l	97
85) n-Butylbenzene	14.035	91	269017	17.501	ug/l	98
86) Hexachloroethane	14.306	117	52196	17.013	ug/l	95
87) 1,2-Dichlorobenzene	14.082	146	139471	18.383	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.694	75	27550	17.628	ug/l	98
89) 1,2,4-Trichlorobenzene	15.811	180	78757	17.369	ug/l	98
90) Hexachlorobutadiene	15.470	225	29180	16.550	ug/l	95
91) Naphthalene	15.611	128	291130	16.839	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	78757	17.369	ug/l	98

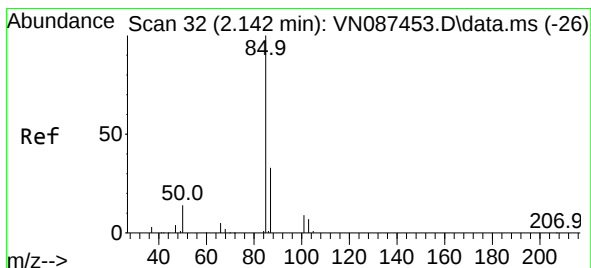
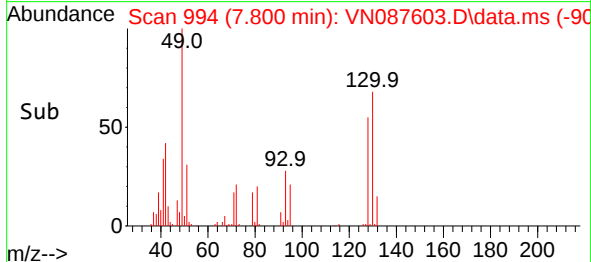
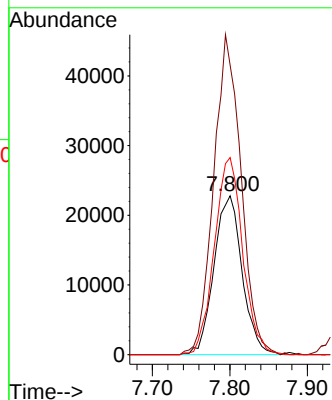
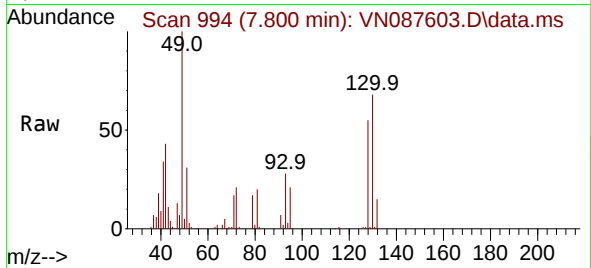
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

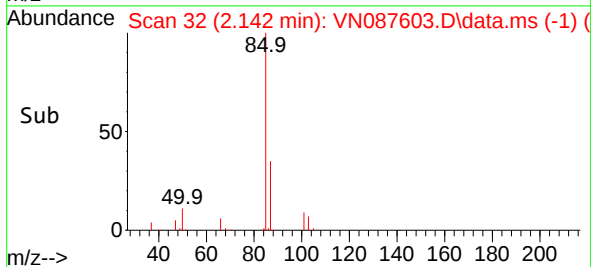
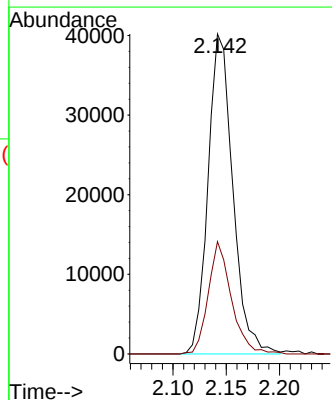
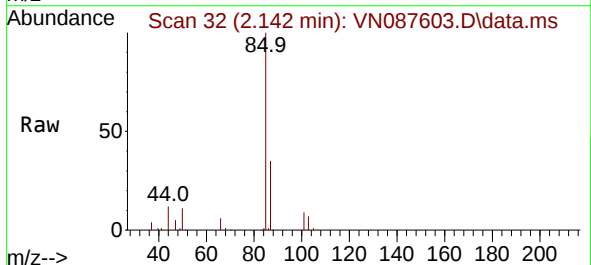
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VSTDCCC020

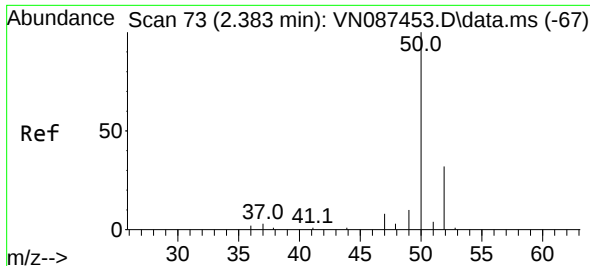
Tgt Ion:128 Resp: 57702
Ion Ratio Lower Upper
128 100
49 195.6 0.0 494.8
130 124.8 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 17.252 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 85 Resp: 64994
Ion Ratio Lower Upper
85 100
87 35.1 16.4 49.2

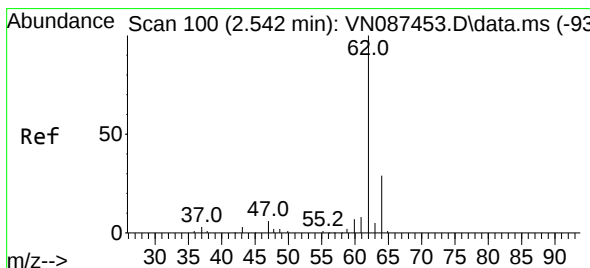
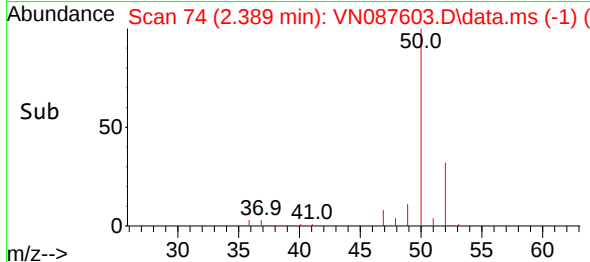
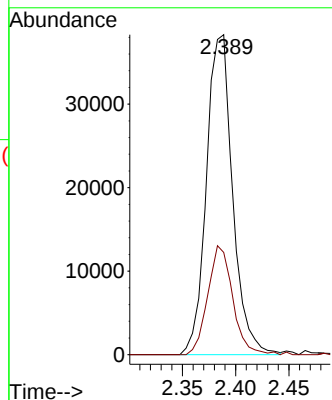
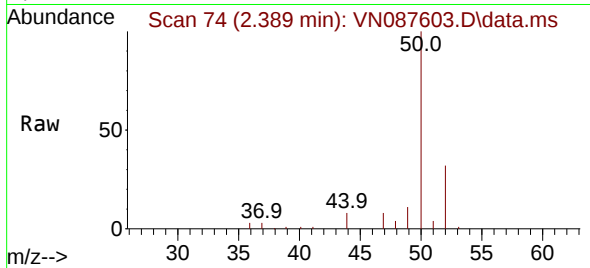




#3
Chloromethane
Concen: 16.983 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

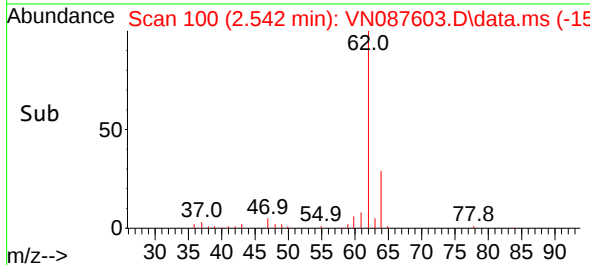
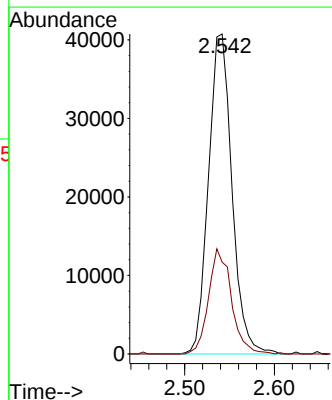
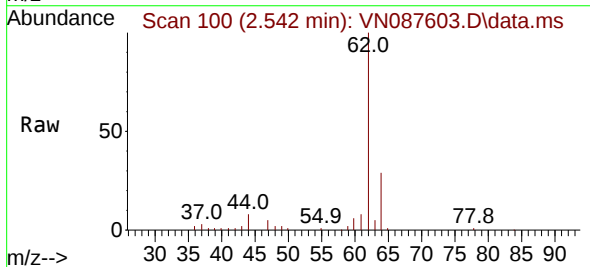
Instrument :
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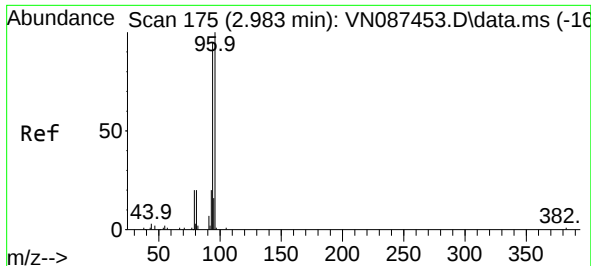
Tgt Ion: 50 Resp: 65645
Ion Ratio Lower Upper
50 100
52 32.0 25.8 38.6



#4
Vinyl Chloride
Concen: 18.074 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 62 Resp: 74097
Ion Ratio Lower Upper
62 100
64 28.7 23.4 35.2

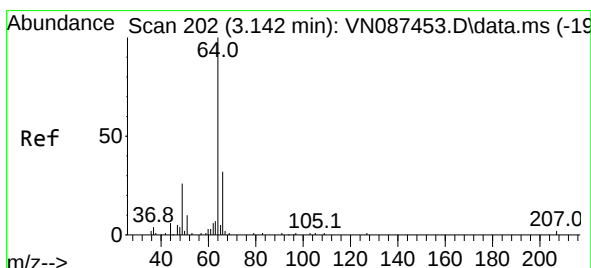
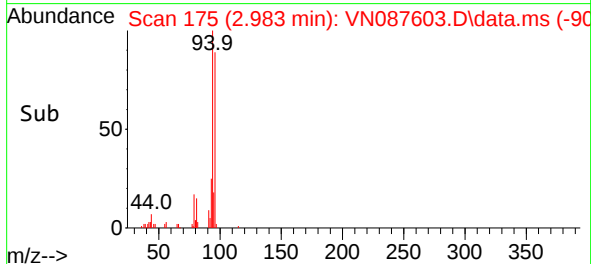
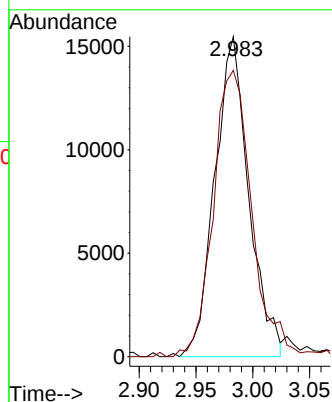
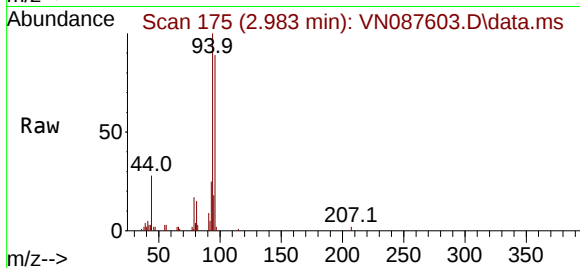




#5
Bromomethane
Concen: 14.529 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

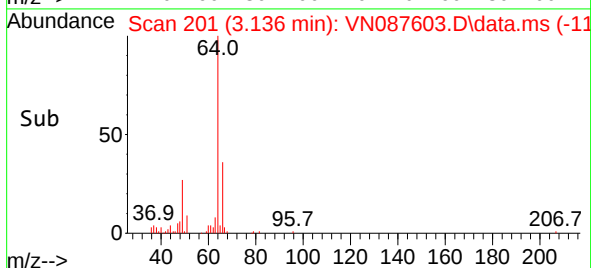
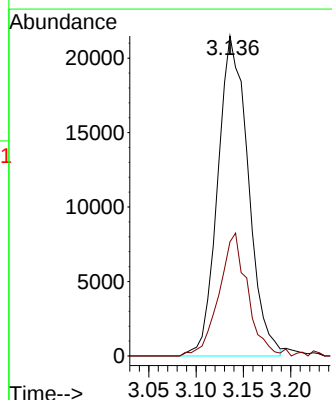
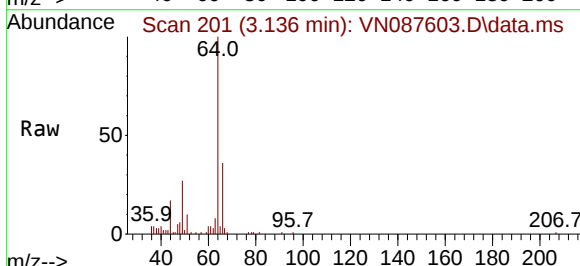
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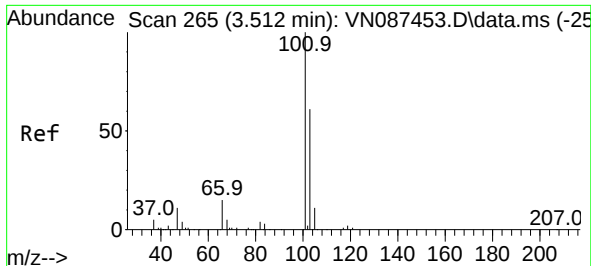
Tgt Ion: 94 Resp: 32239
Ion Ratio Lower Upper
94 100
96 87.3 84.2 126.4



#6
Chloroethane
Concen: 18.233 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 64 Resp: 48200
Ion Ratio Lower Upper
64 100
66 35.6 25.4 38.0

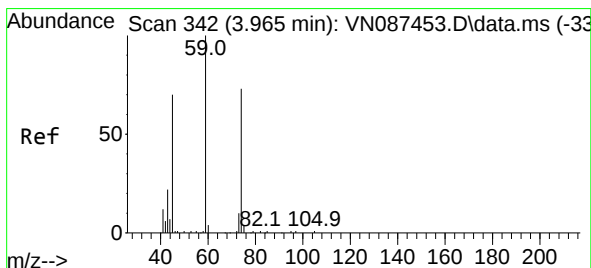
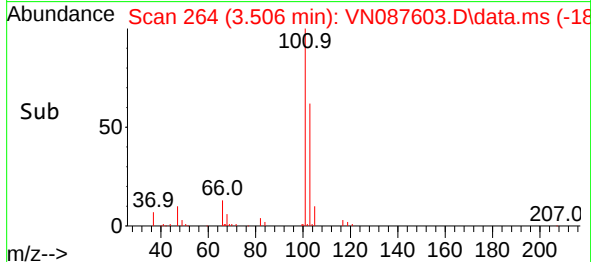
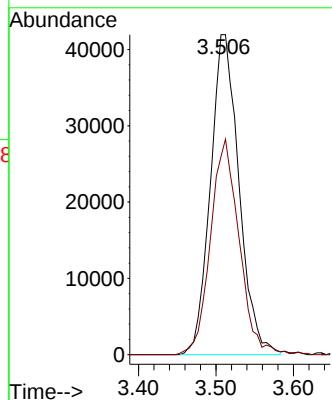
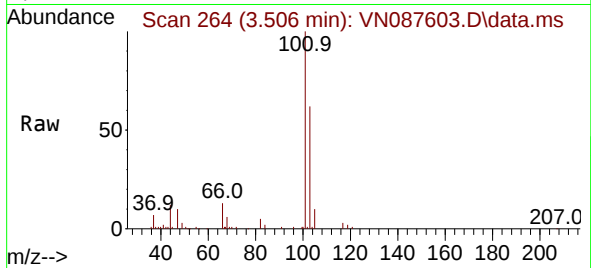




#7
Trichlorofluoromethane
Concen: 18.221 ug/l
RT: 3.506 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

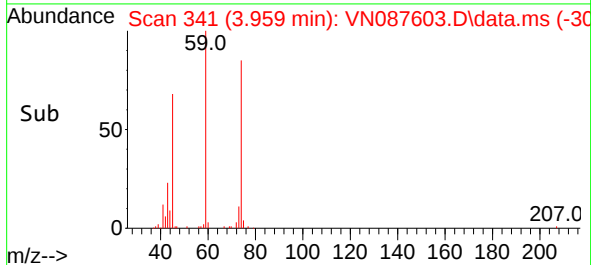
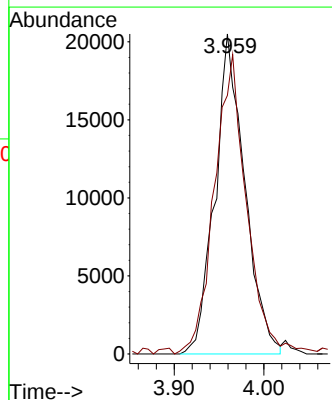
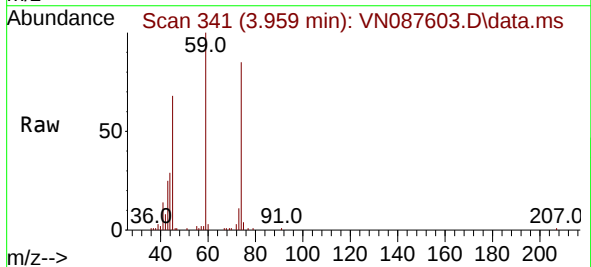
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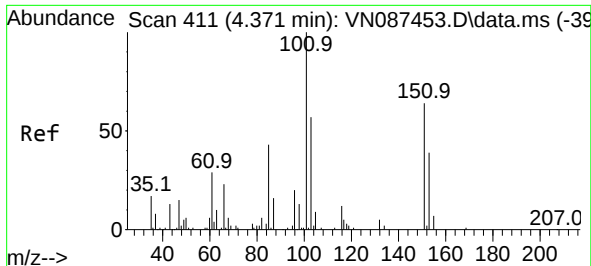
Tgt Ion:101 Resp: 107504
Ion Ratio Lower Upper
101 100
103 61.5 49.2 73.8



#8
Diethyl Ether
Concen: 19.259 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 74 Resp: 47338
Ion Ratio Lower Upper
74 100
45 99.1 20.1 180.9

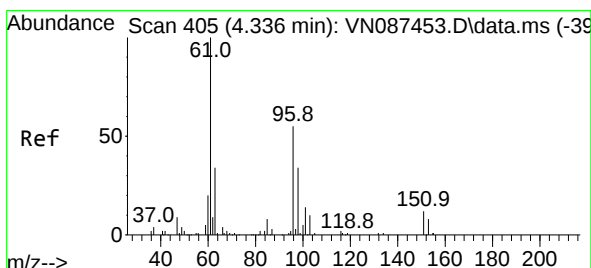
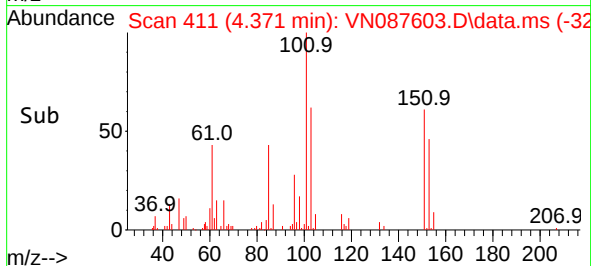
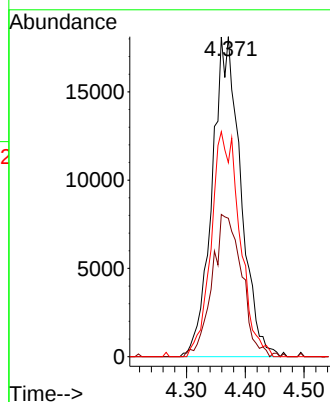
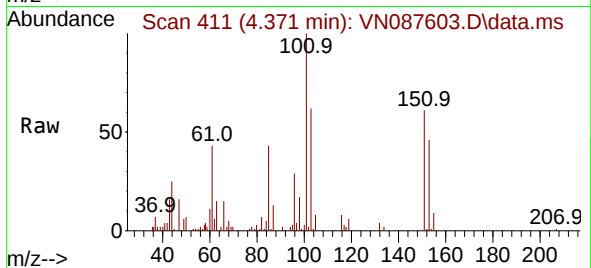




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.431 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN087603.D
 Acq: 20 Aug 2025 08:58

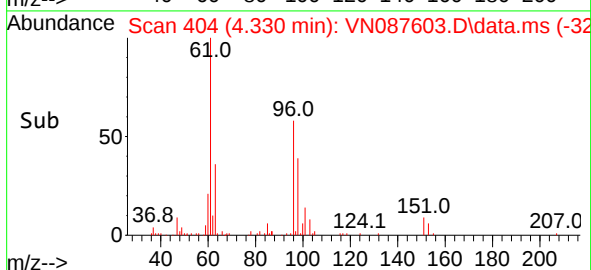
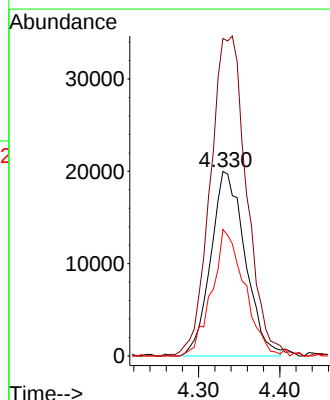
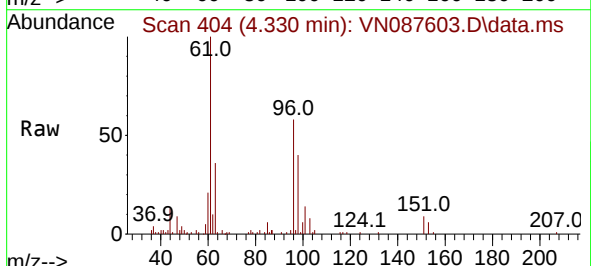
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

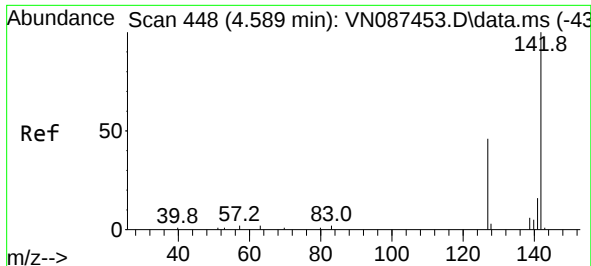
Tgt Ion:101 Resp: 61471
 Ion Ratio Lower Upper
 101 100
 85 45.2 0.0 57.0
 151 42.7 0.0 134.2



#10
 1,1-Dichloroethene
 Concen: 18.571 ug/l
 RT: 4.330 min Scan# 404
 Delta R.T. -0.006 min
 Lab File: VN087603.D
 Acq: 20 Aug 2025 08:58

Tgt Ion: 96 Resp: 58689
 Ion Ratio Lower Upper
 96 100
 61 169.8 144.2 216.4
 98 68.6 49.7 74.5

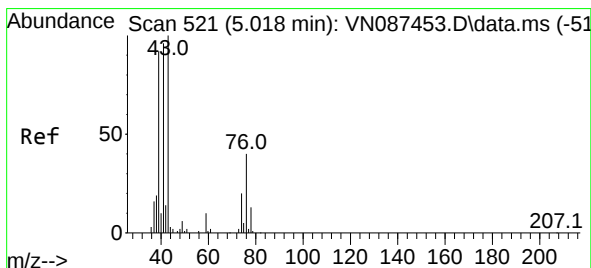
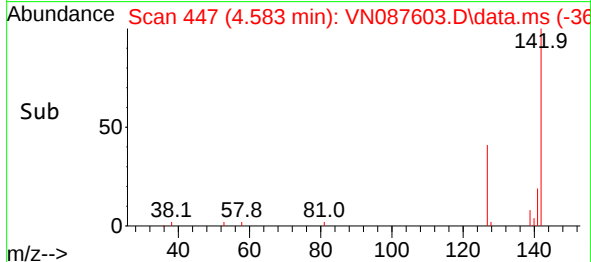
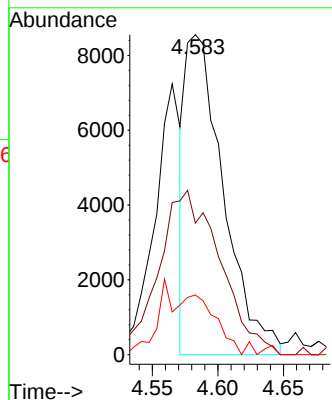
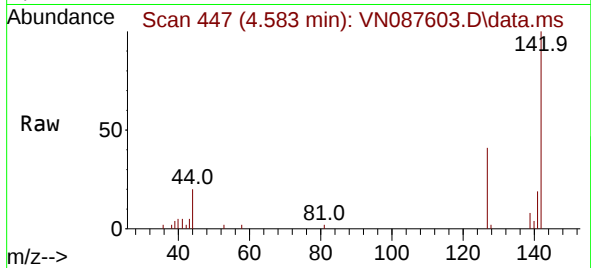




#11
Methyl Iodide
Concen: 6.967 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

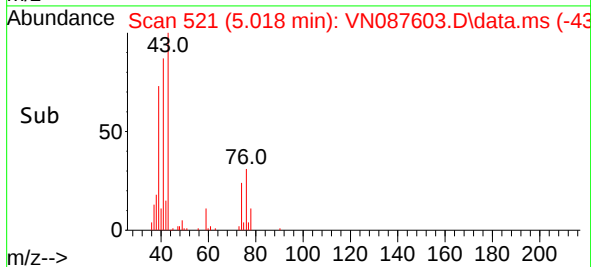
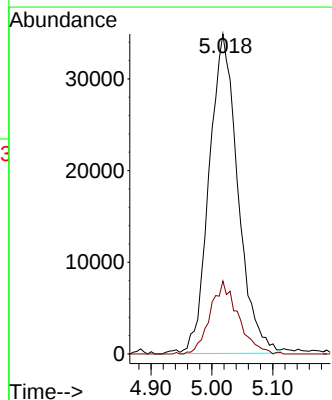
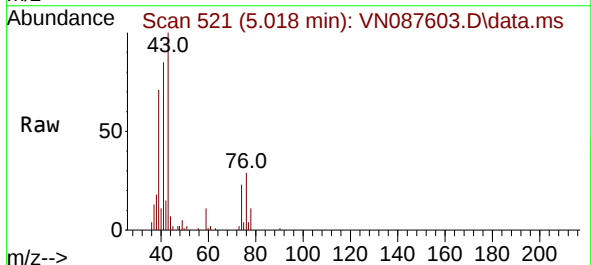
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

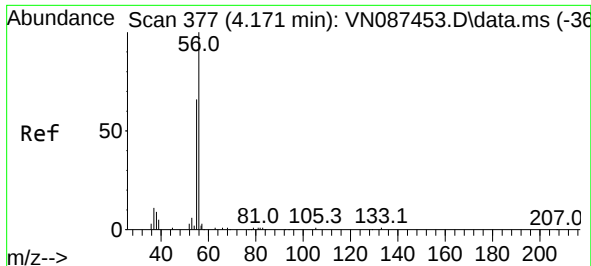
Tgt Ion:142 Resp: 17337
Ion Ratio Lower Upper
142 100
127 27.3 22.9 68.7
141 17.3 7.7 23.1



#12
Methyl Acetate
Concen: 19.570 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 43 Resp: 114130
Ion Ratio Lower Upper
43 100
74 22.7 16.0 24.0

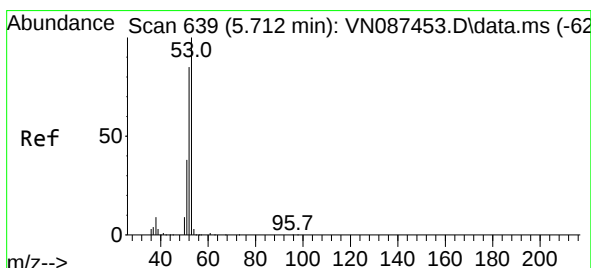
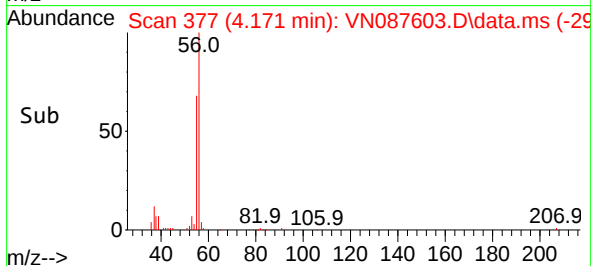
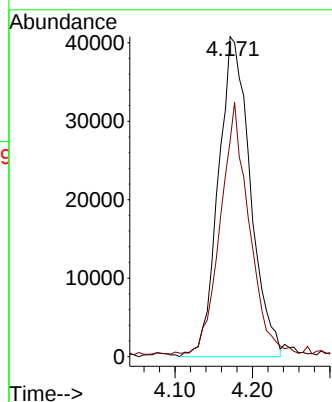
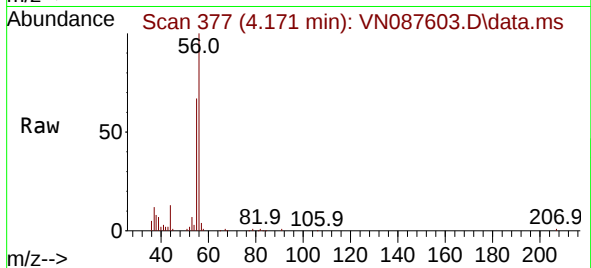




#13
Acrolein
Concen: 131.353 ug/l
RT: 4.171 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

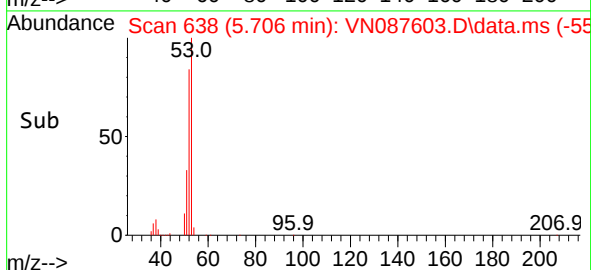
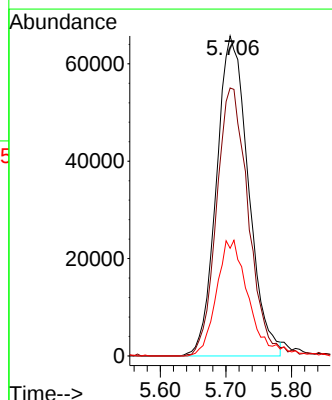
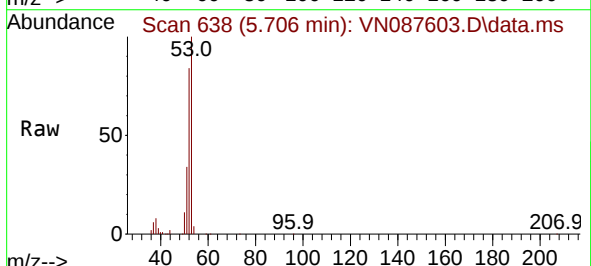
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

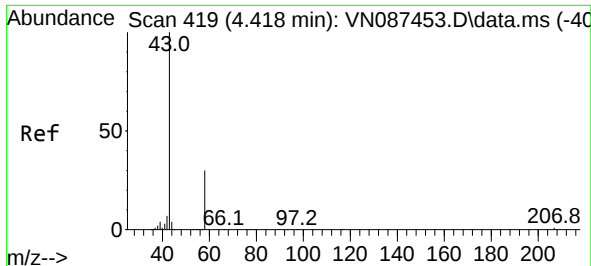
Tgt Ion: 56 Resp: 117000
Ion Ratio Lower Upper
56 100
55 71.7 57.4 86.0



#14
Acrylonitrile
Concen: 87.265 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 53 Resp: 222230
Ion Ratio Lower Upper
53 100
52 83.2 42.4 127.2
51 35.1 18.5 55.5

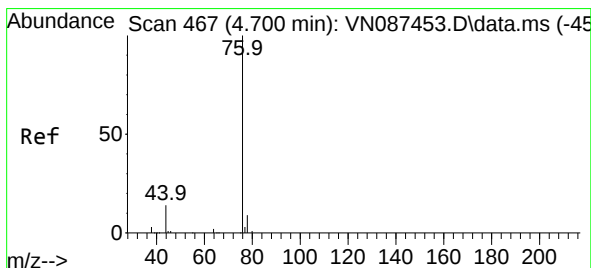
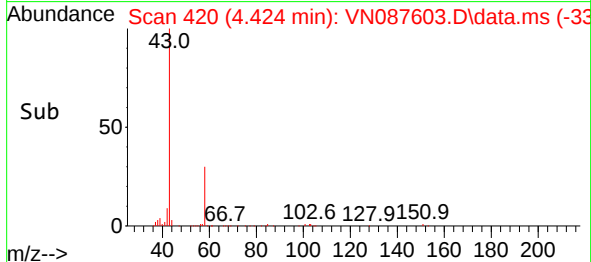
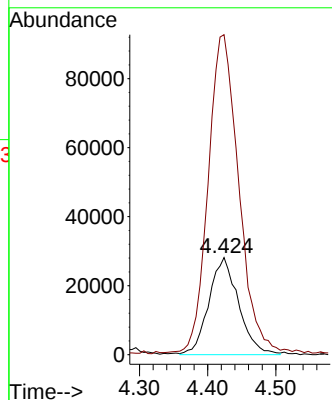
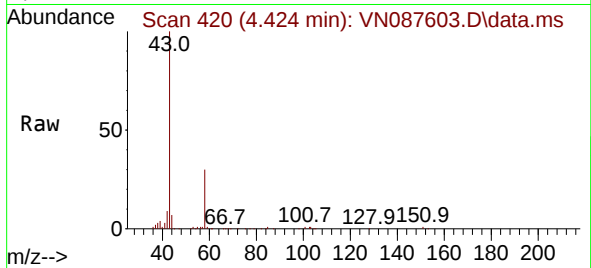




#15
Acetone
Concen: 117.518 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

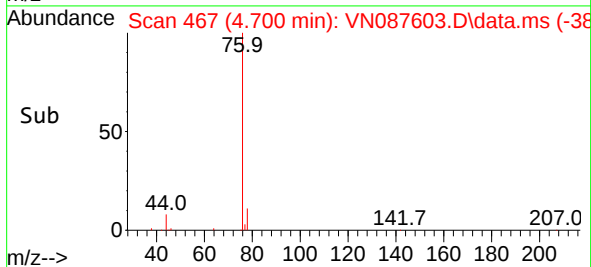
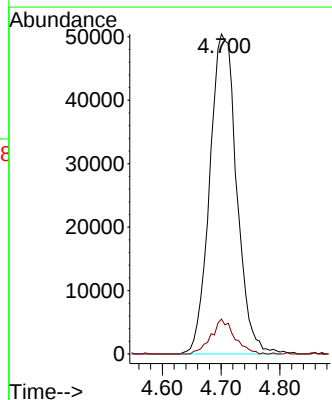
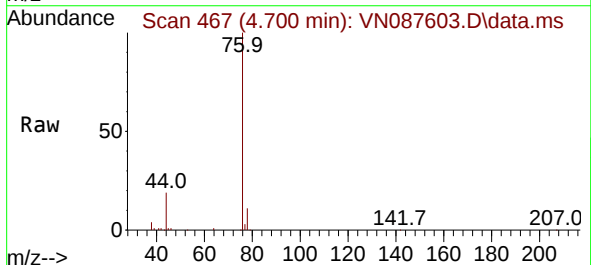
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

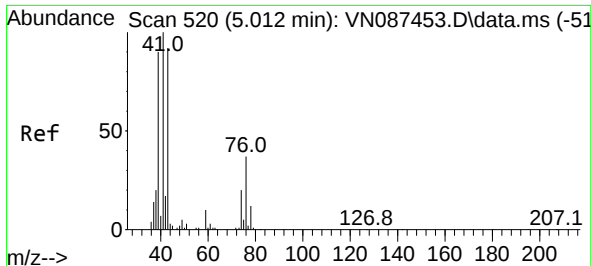
Tgt Ion: 58 Resp: 85509
Ion Ratio Lower Upper
58 100
43 330.0 268.9 403.3



#16
Carbon Disulfide
Concen: 16.421 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 76 Resp: 160975
Ion Ratio Lower Upper
76 100
78 10.9 7.1 10.7#

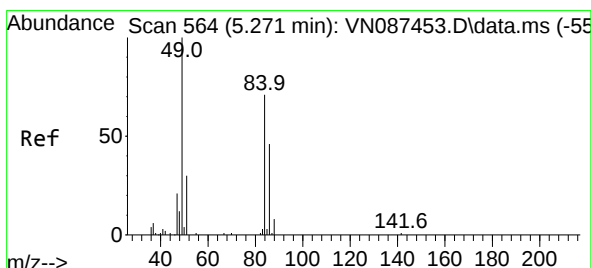
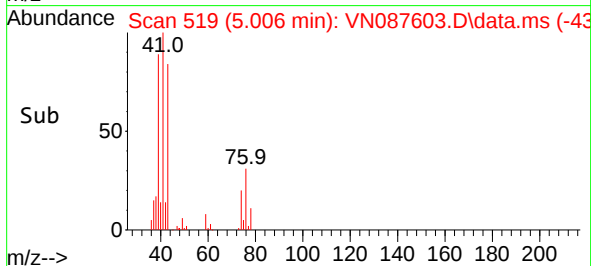
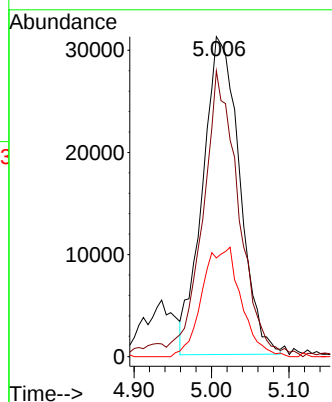
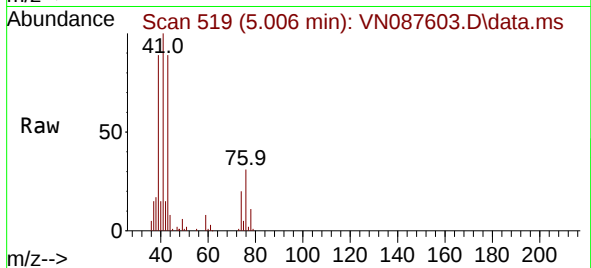




#17
Allyl chloride
Concen: 16.028 ug/l
RT: 5.006 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

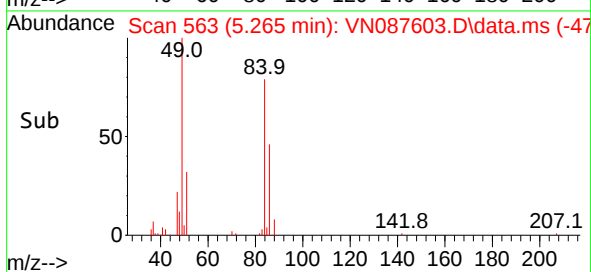
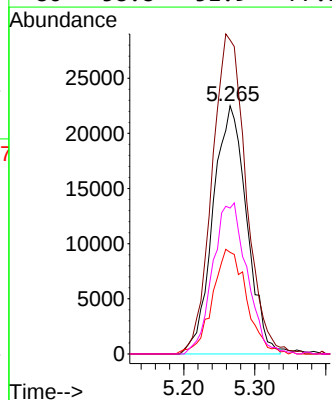
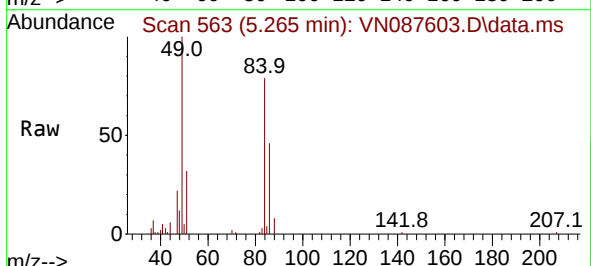
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

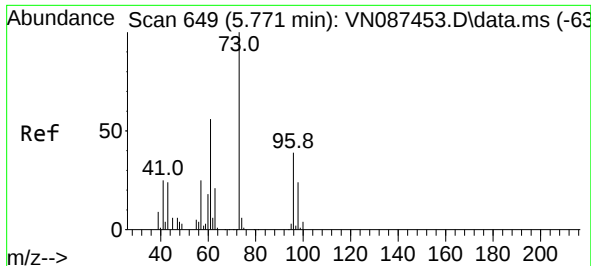
Tgt Ion: 41 Resp: 103244
Ion Ratio Lower Upper
41 100
39 89.5 42.4 127.2
76 30.4 16.9 50.6



#18
Methylene Chloride
Concen: 18.243 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 84 Resp: 74219
Ion Ratio Lower Upper
84 100
49 126.5 112.9 169.3
51 40.1 33.8 50.8
86 58.8 51.9 77.9

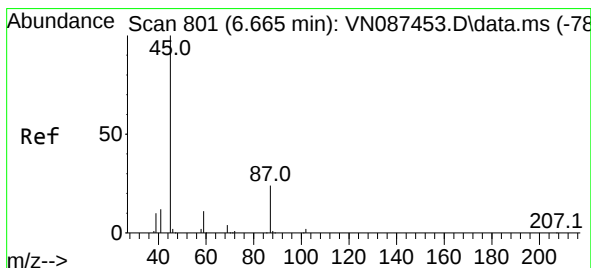
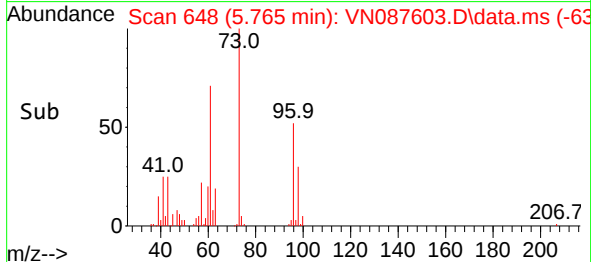
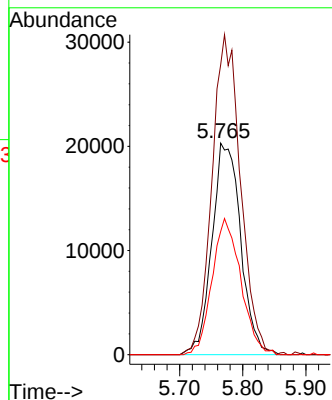
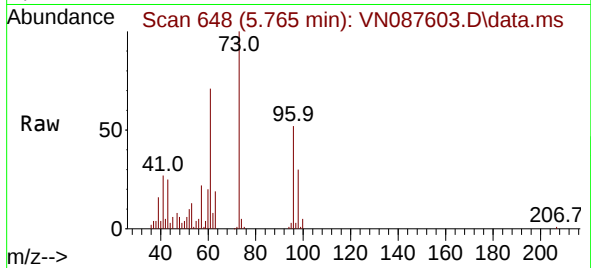




#19
trans-1,2-Dichloroethene
Concen: 17.078 ug/l
RT: 5.765 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

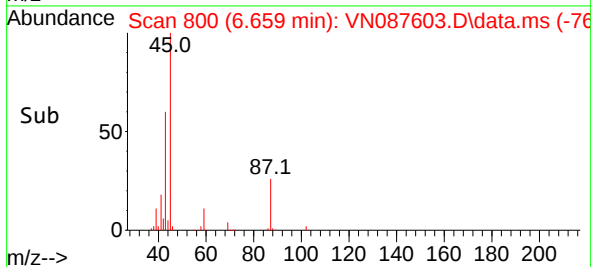
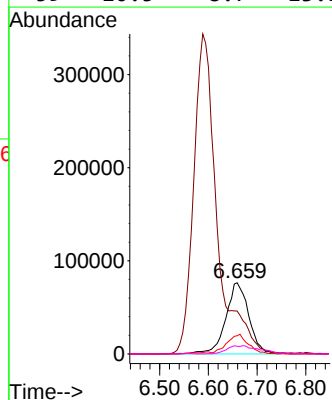
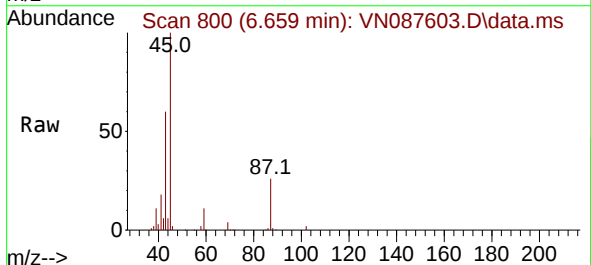
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

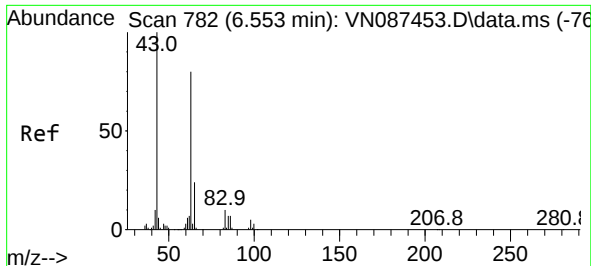
Tgt Ion: 96 Resp: 64181
Ion Ratio Lower Upper
96 100
61 137.1 114.2 171.4
98 58.3 48.7 73.1



#20
Diisopropyl ether
Concen: 17.037 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 45 Resp: 250003
Ion Ratio Lower Upper
45 100
43 58.5 44.7 67.1
87 25.4 20.2 30.2
59 10.5 8.7 13.1

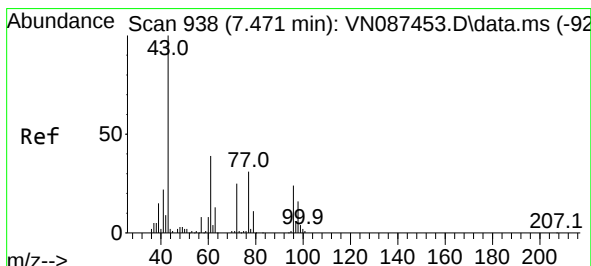
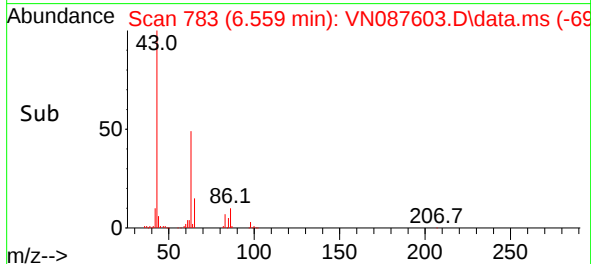
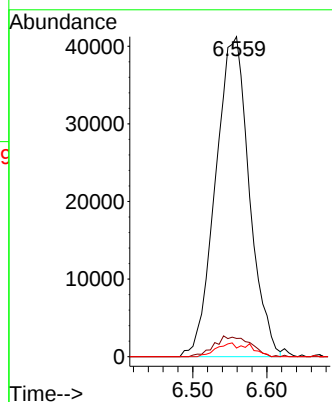
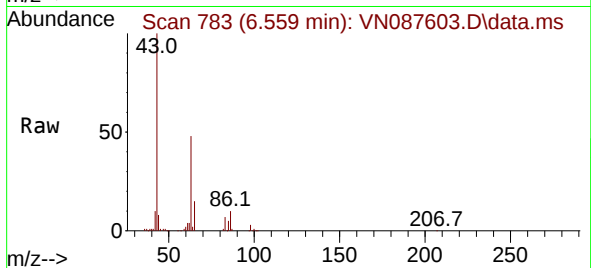




#21
1,1-Dichloroethane
Concen: 17.184 ug/l
RT: 6.559 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

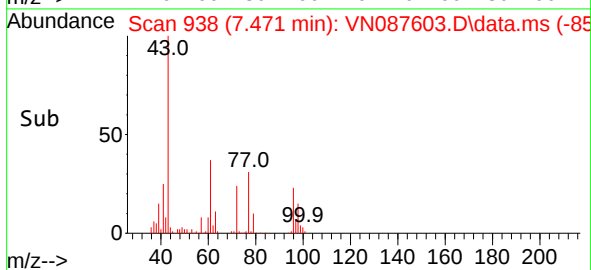
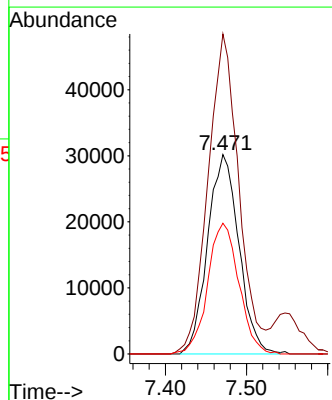
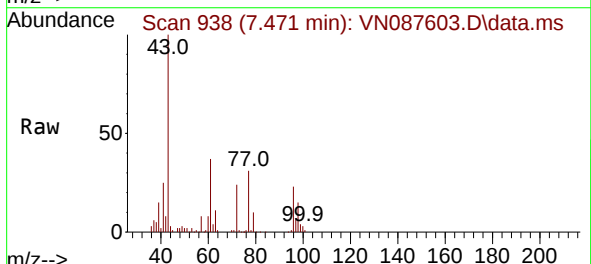
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

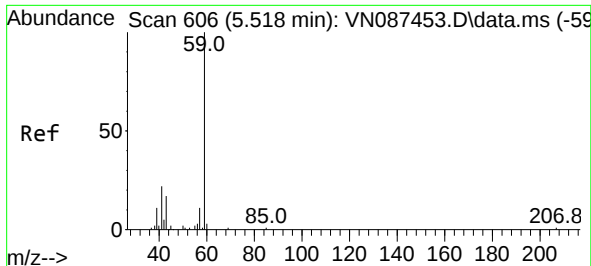
Tgt Ion: 63 Resp: 130342
Ion Ratio Lower Upper
63 100
98 5.7 3.0 9.0
100 2.7 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 17.469 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 96 Resp: 80780
Ion Ratio Lower Upper
96 100
61 157.7 126.6 190.0
98 65.3 50.9 76.3

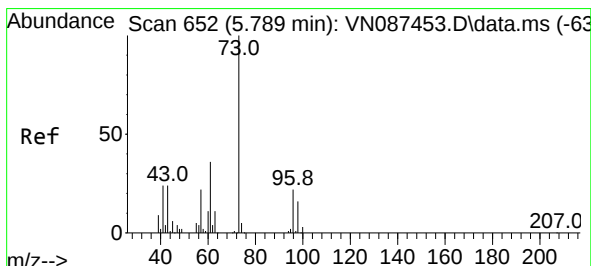
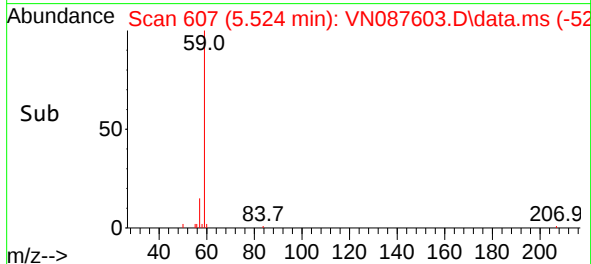
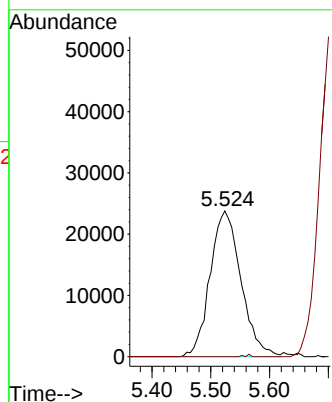
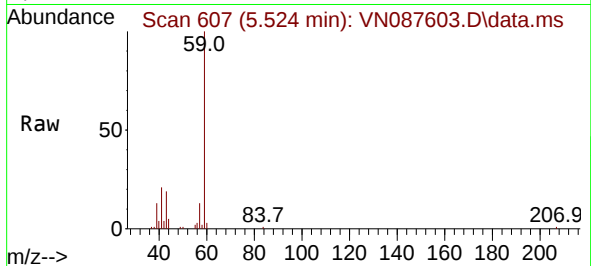




#23
tert-Butyl Alcohol
Concen: 80.203 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

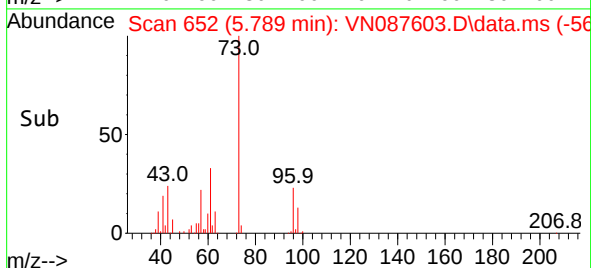
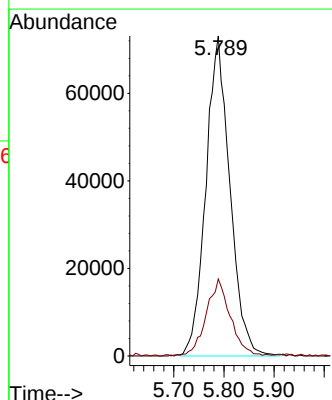
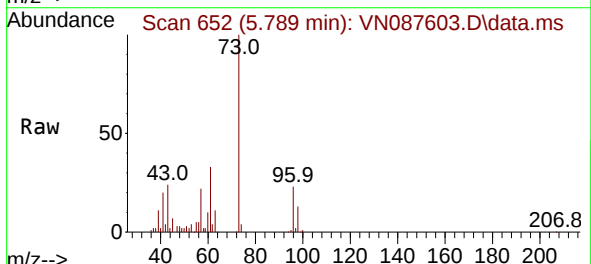
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

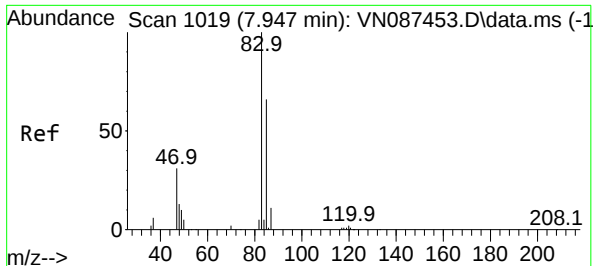
Tgt Ion: 59 Resp: 86789
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 16.912 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 73 Resp: 243546
Ion Ratio Lower Upper
73 100
43 23.6 19.9 29.9





#25

Chloroform

Concen: 17.749 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087603.D

Acq: 20 Aug 2025 08:58

Instrument :

MSVOA_N

ClientSampleId :

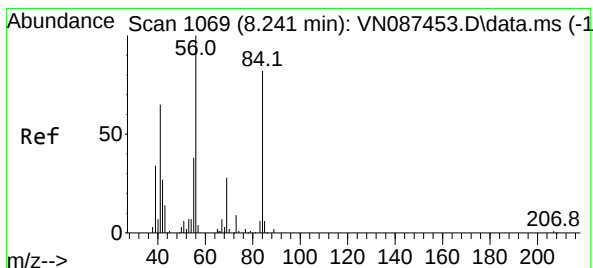
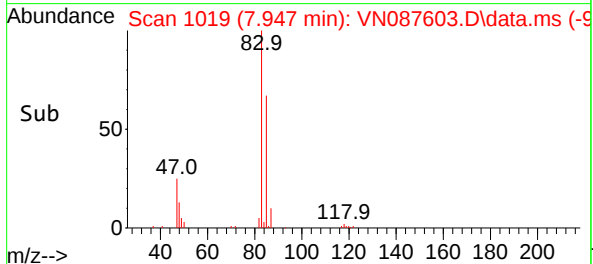
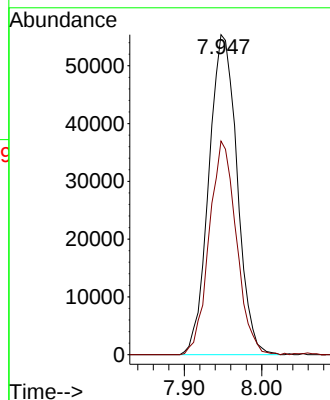
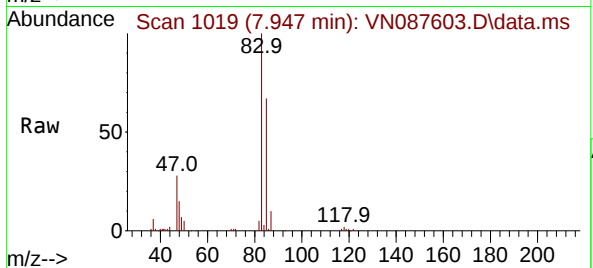
VSTDCCC020

Tgt Ion: 83 Resp: 140528

Ion Ratio Lower Upper

83 100

85 66.7 52.6 78.8



#26

Cyclohexane

Concen: 16.833 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087603.D

Acq: 20 Aug 2025 08:58

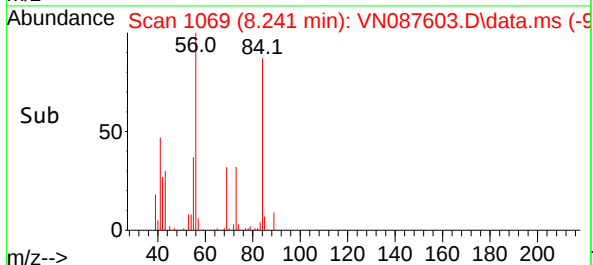
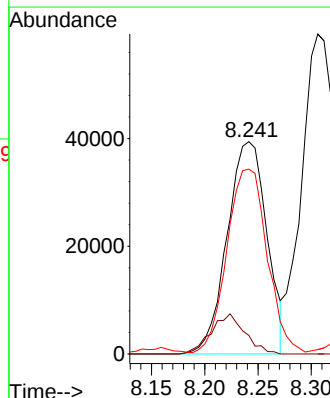
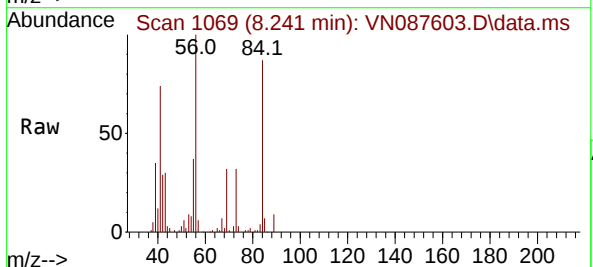
Tgt Ion: 56 Resp: 102230

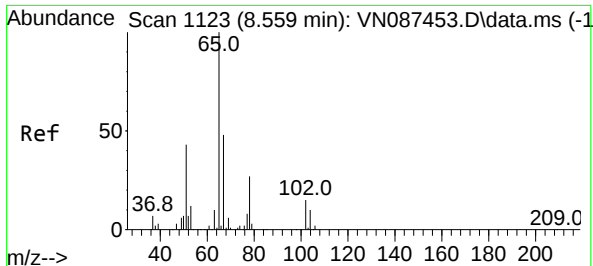
Ion Ratio Lower Upper

56 100

89 16.1 2.3 3.5#

84 88.4 67.0 100.4

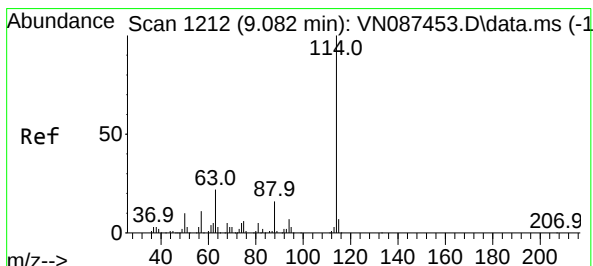
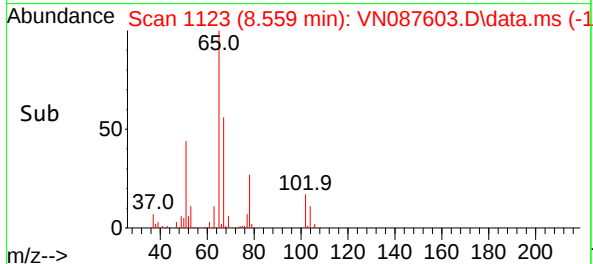
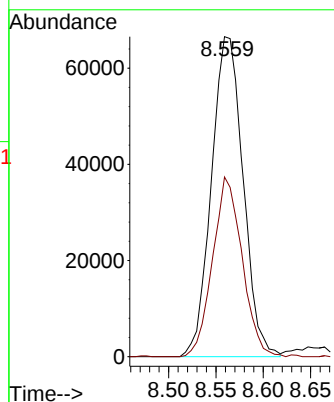
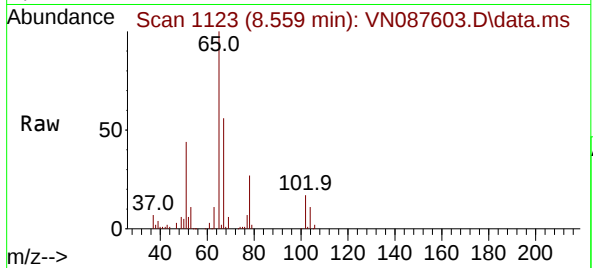




#27
 1,2-Dichloroethane-d4
 Concen: 29.091 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. 0.000 min
 Lab File: VN087603.D
 Acq: 20 Aug 2025 08:58

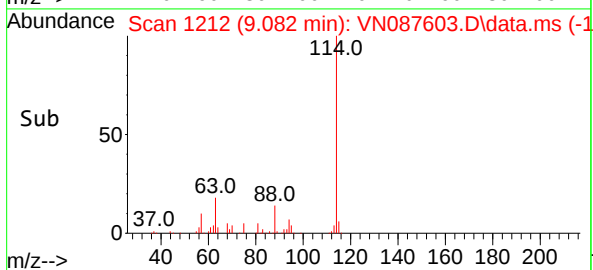
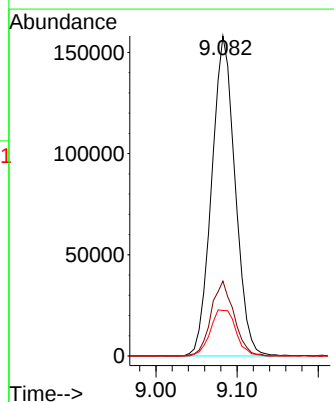
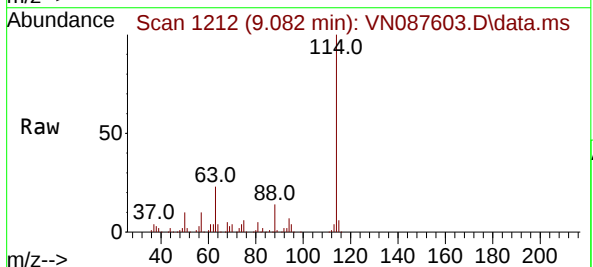
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

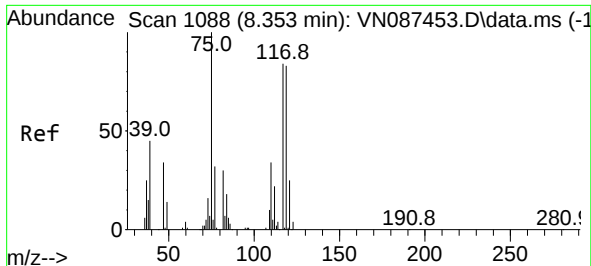
Tgt Ion: 65 Resp: 154828
 Ion Ratio Lower Upper
 65 100
 67 52.3 40.8 61.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087603.D
 Acq: 20 Aug 2025 08:58

Tgt Ion: 114 Resp: 317393
 Ion Ratio Lower Upper
 114 100
 63 22.9 18.9 28.3
 88 15.7 13.1 19.7

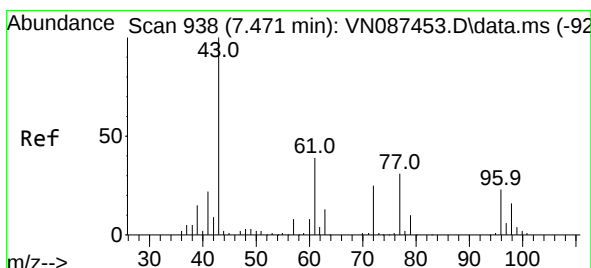
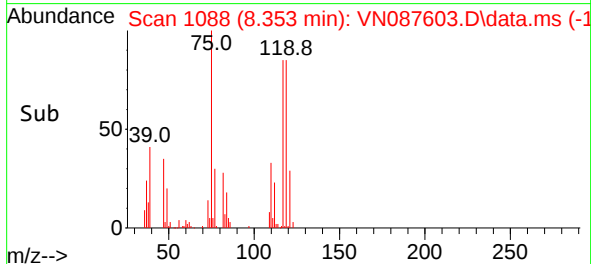
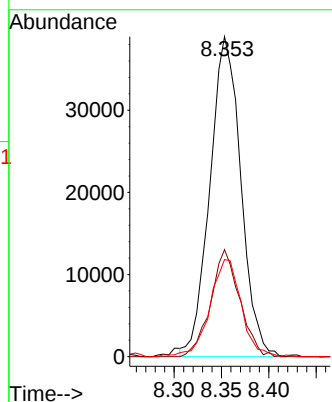
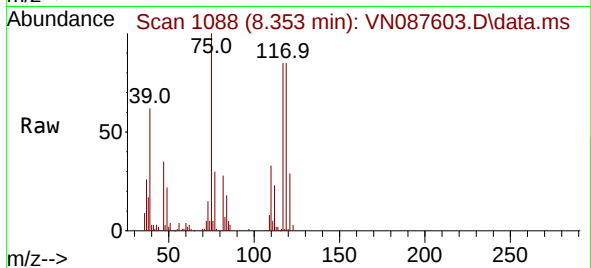




#29
1,1-Dichloropropene
Concen: 17.104 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

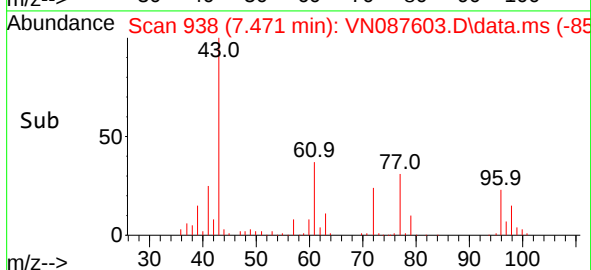
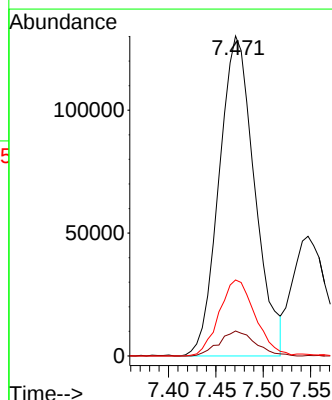
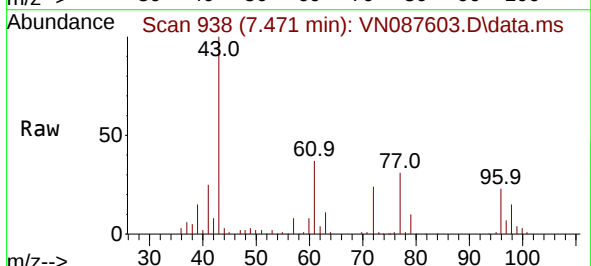
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

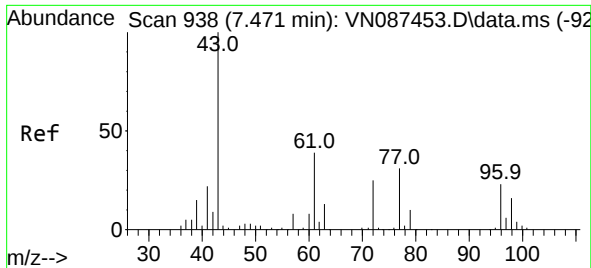
Tgt Ion:	75	Resp:	88541
Ion	Ratio	Lower	Upper
75	100		
110	31.4	0.0	65.8
77	30.6	0.0	63.6



#30
2-Butanone
Concen: 89.393 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion:	43	Resp:	341108
Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.6	9.8
72	24.0	19.7	29.5

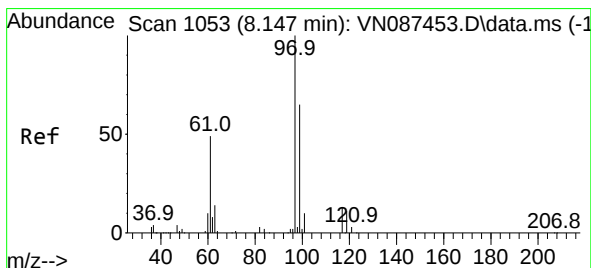
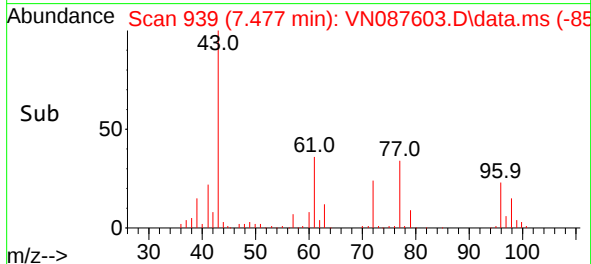
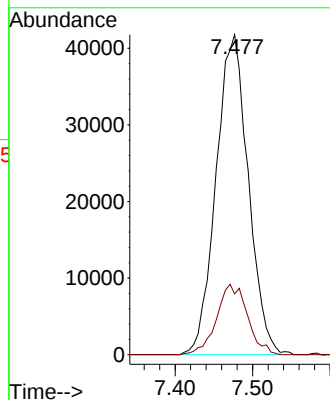
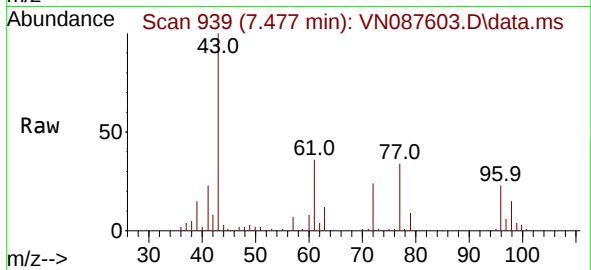




#31
2,2-Dichloropropane
Concen: 18.055 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

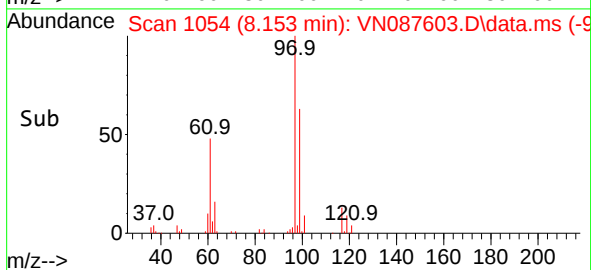
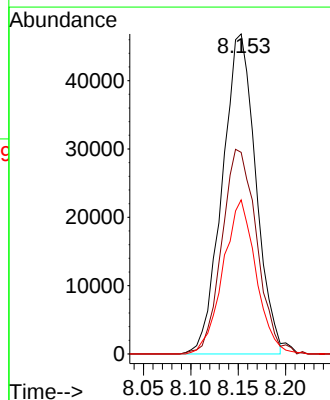
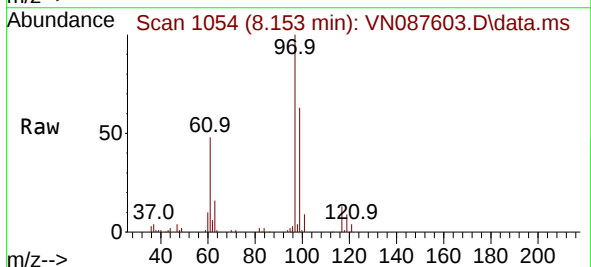
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

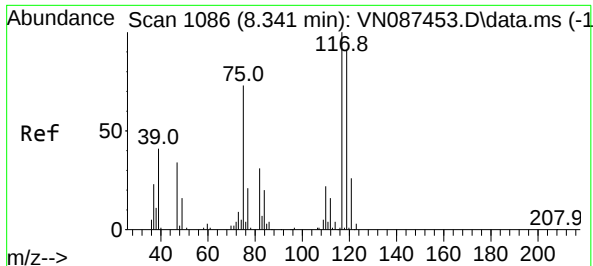
Tgt Ion: 77 Resp: 120550
Ion Ratio Lower Upper
77 100
97 20.6 16.7 25.1



#32
1,1,1-Trichloroethane
Concen: 17.444 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 97 Resp: 115174
Ion Ratio Lower Upper
97 100
99 65.8 53.0 79.6
61 47.4 40.6 61.0

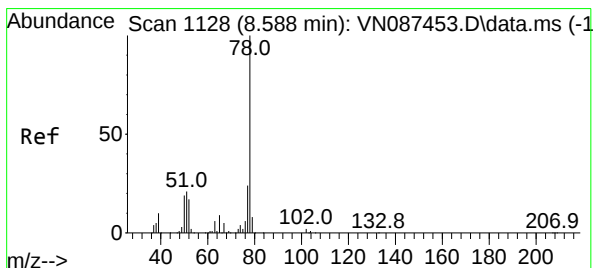
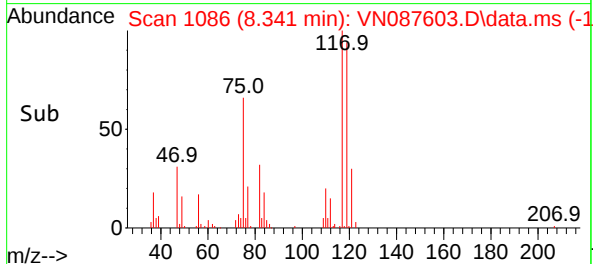
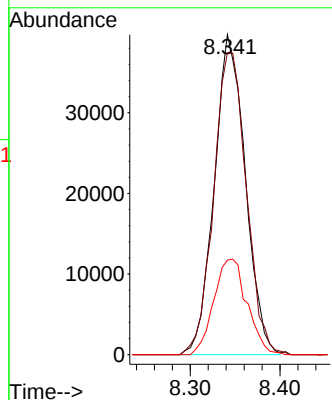
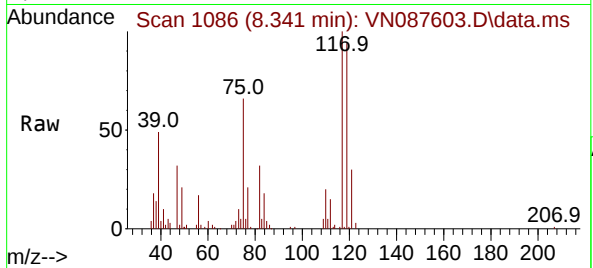




#33
Carbon Tetrachloride
Concen: 17.375 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

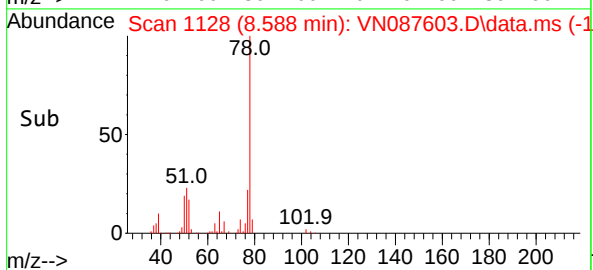
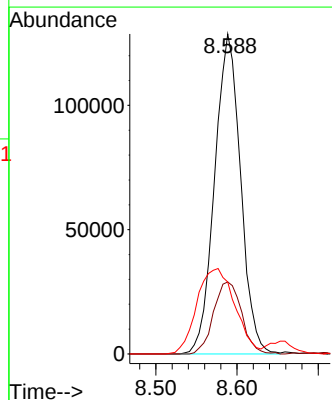
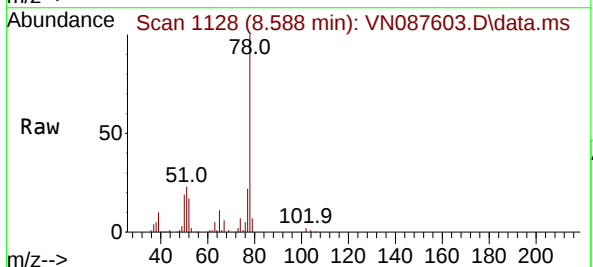
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

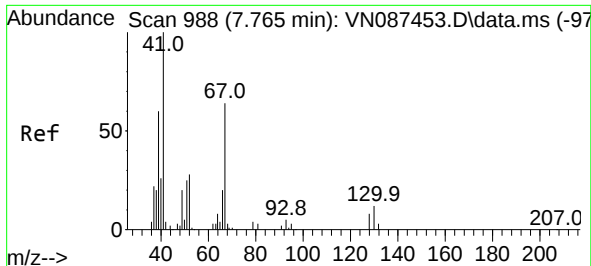
Tgt Ion:117 Resp: 95298
Ion Ratio Lower Upper
117 100
119 94.3 73.4 110.0
121 29.5 21.1 31.7



#34
Benzene
Concen: 17.509 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 78 Resp: 286111
Ion Ratio Lower Upper
78 100
77 22.5 19.2 28.8
51 20.5 16.9 25.3

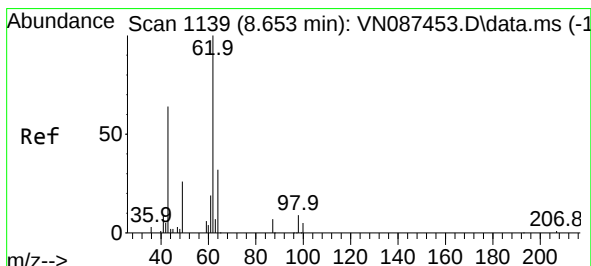
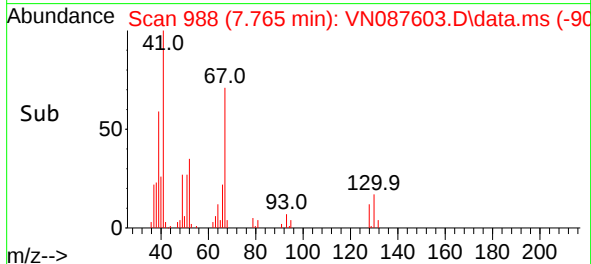
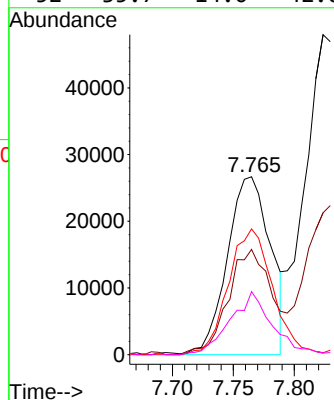
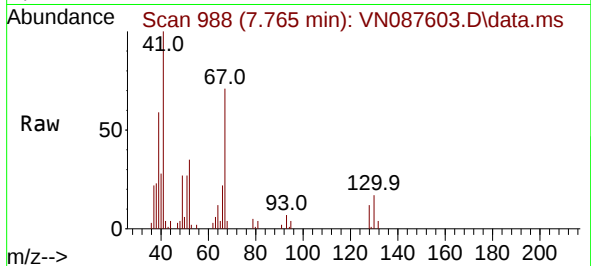




#35
Methacrylonitrile
Concen: 15.951 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

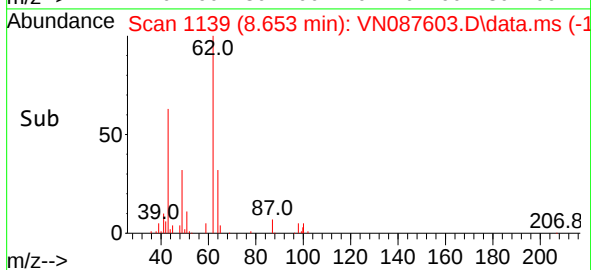
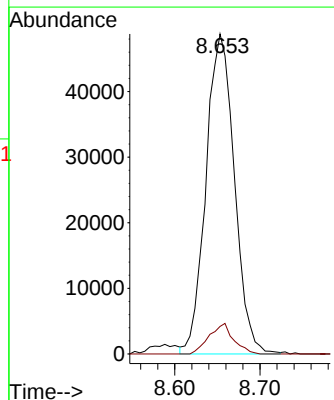
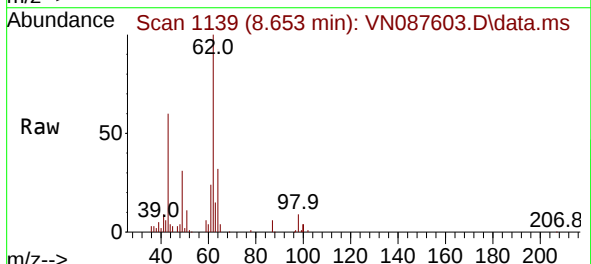
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

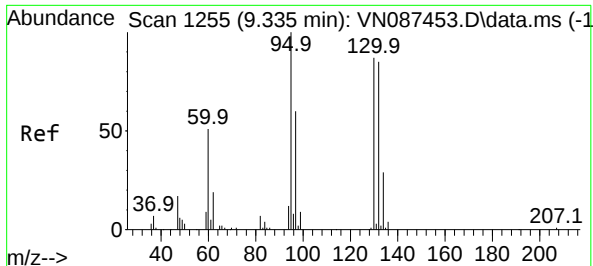
Tgt Ion:	41	Resp:	65681
Ion	Ratio	Lower	Upper
41	100		
39	59.6	30.1	90.5
67	71.1	32.0	96.2
52	35.7	14.0	42.0



#36
1,2-Dichloroethane
Concen: 17.117 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion:	62	Resp:	113054
Ion	Ratio	Lower	Upper
62	100		
98	8.2	6.6	9.8





#37

Trichloroethene

Concen: 18.016 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087603.D

Acq: 20 Aug 2025 08:58

Instrument :

MSVOA_N

ClientSampleId :

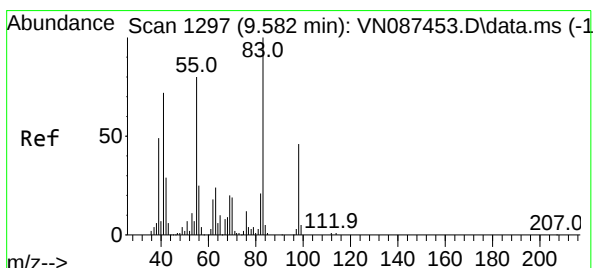
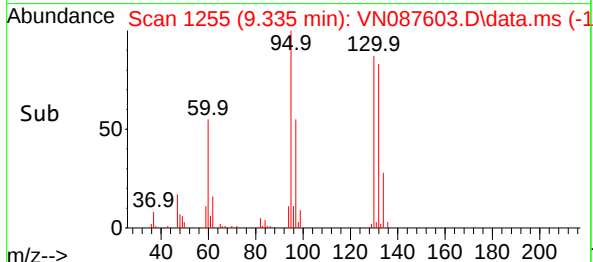
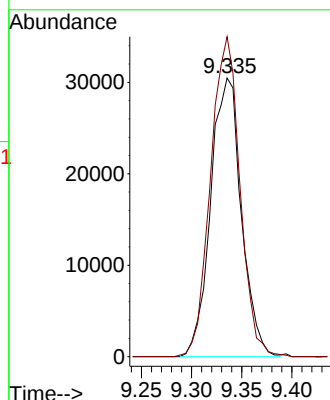
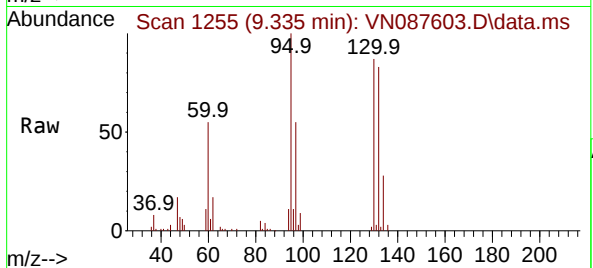
VSTDCCC020

Tgt Ion:130 Resp: 64850

Ion Ratio Lower Upper

130 100

95 114.2 91.4 137.2



#38

Methylcyclohexane

Concen: 16.786 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087603.D

Acq: 20 Aug 2025 08:58

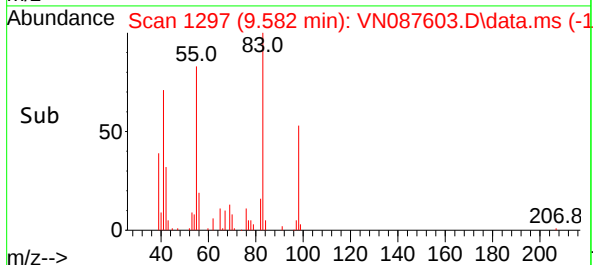
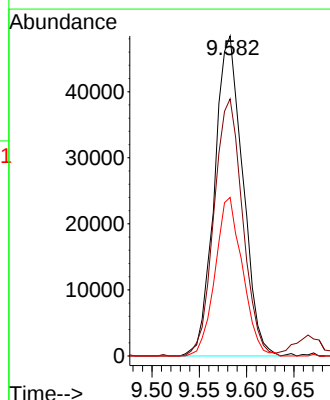
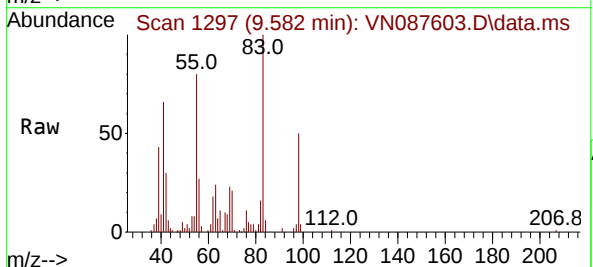
Tgt Ion: 83 Resp: 100808

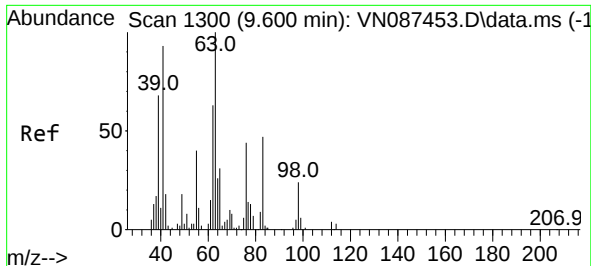
Ion Ratio Lower Upper

83 100

55 81.1 41.2 123.6

98 47.9 23.3 69.9

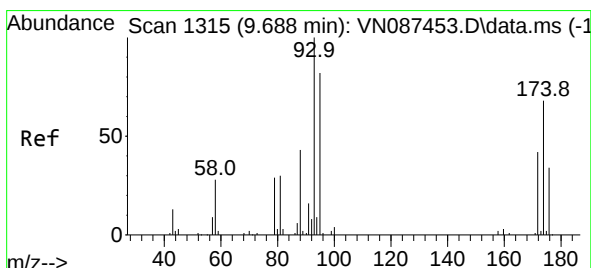
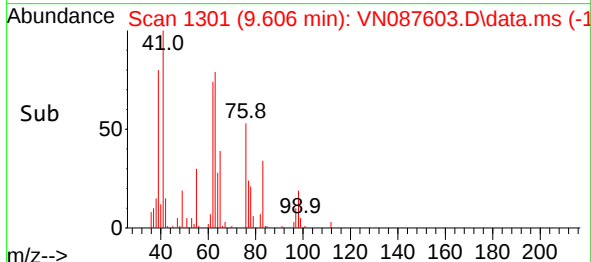
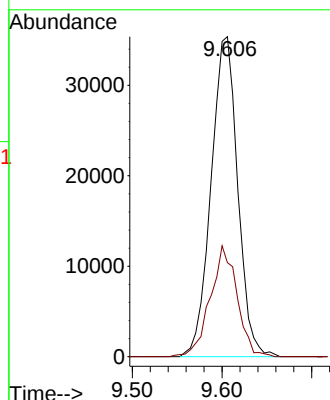
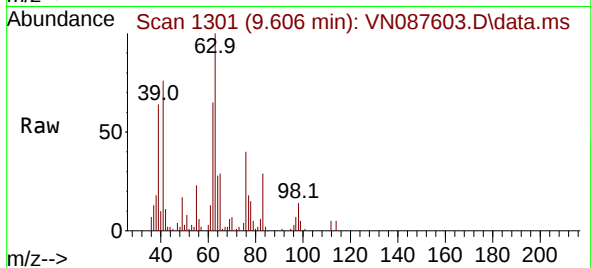




#39
1,2-Dichloropropane
Concen: 17.424 ug/l
RT: 9.606 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

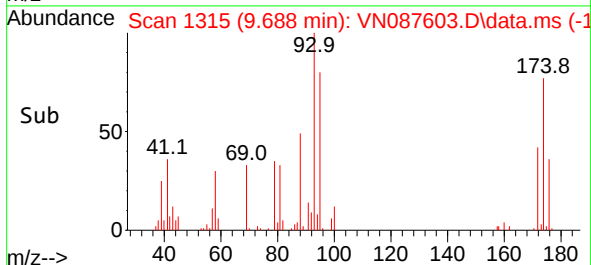
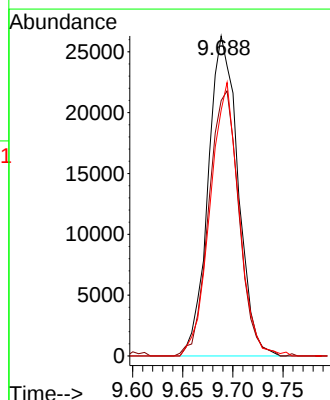
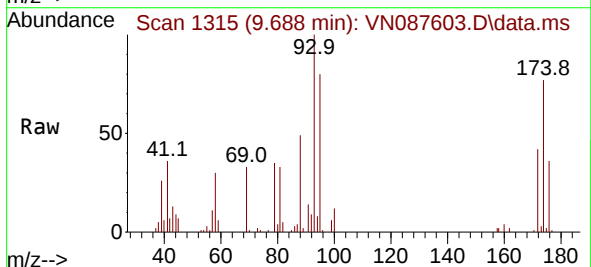
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

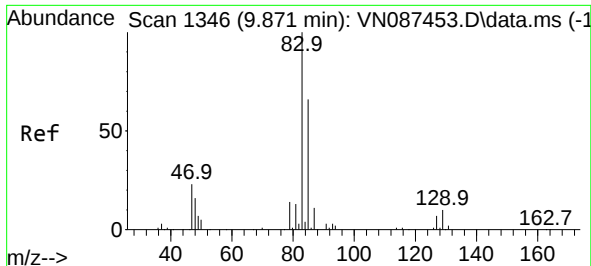
Tgt Ion: 63 Resp: 73002
Ion Ratio Lower Upper
63 100
65 29.4 24.6 36.8



#40
Dibromomethane
Concen: 17.344 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 93 Resp: 54522
Ion Ratio Lower Upper
93 100
95 83.5 0.0 161.6
174 82.6 0.0 151.4

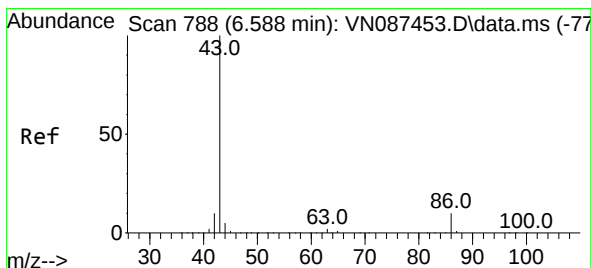
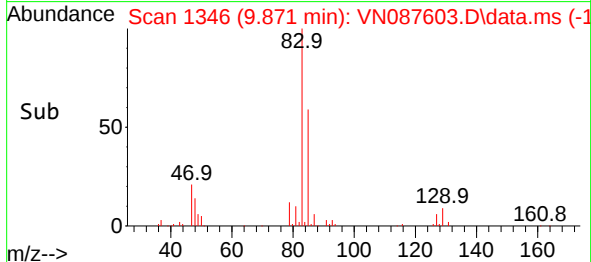
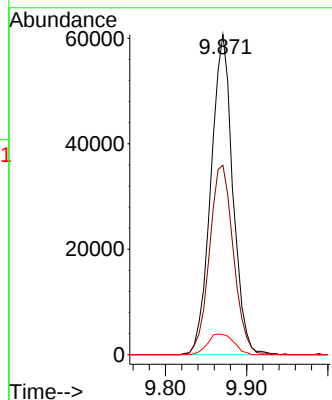
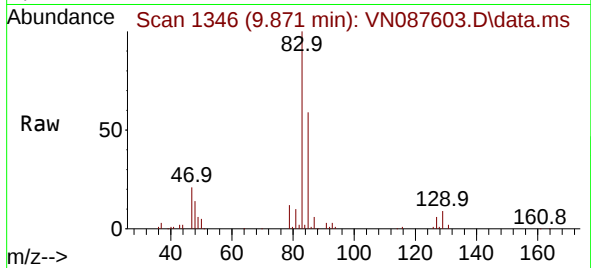




#41
Bromodichloromethane
Concen: 17.431 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

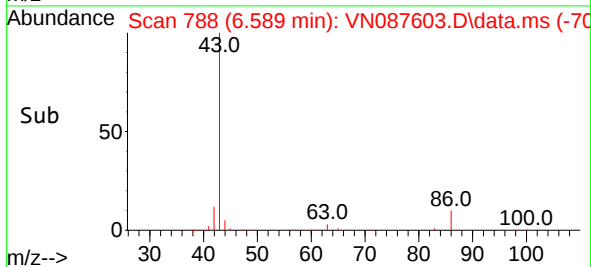
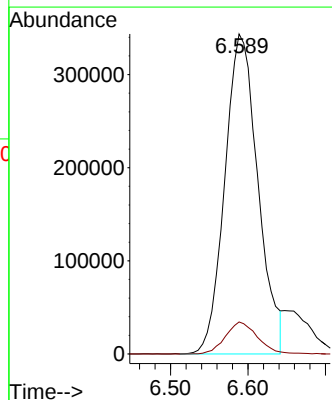
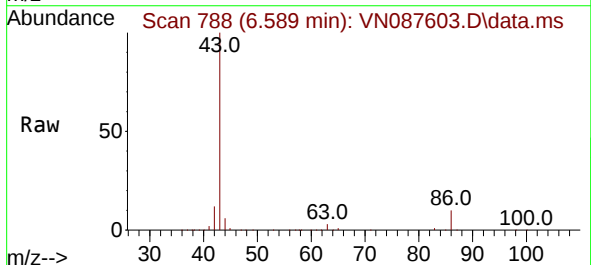
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

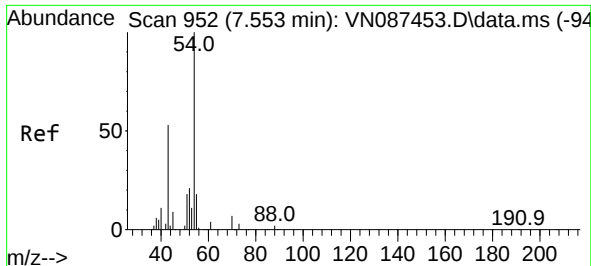
Tgt Ion: 83 Resp: 113859
Ion Ratio Lower Upper
83 100
85 59.2 52.9 79.3
127 6.3 5.8 8.6



#42
Vinyl Acetate
Concen: 81.357 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 43 Resp: 1022354
Ion Ratio Lower Upper
43 100
86 9.7 7.3 10.9

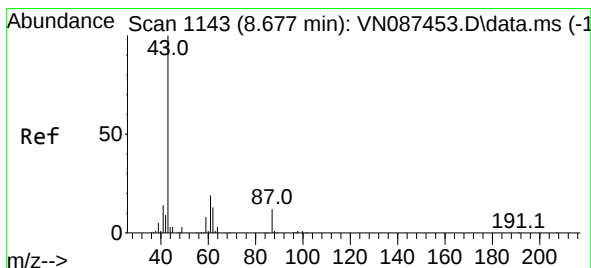
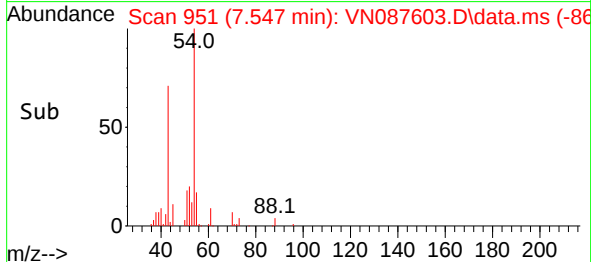
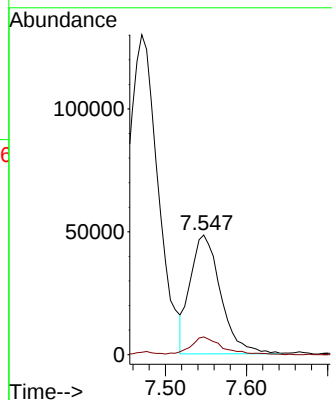
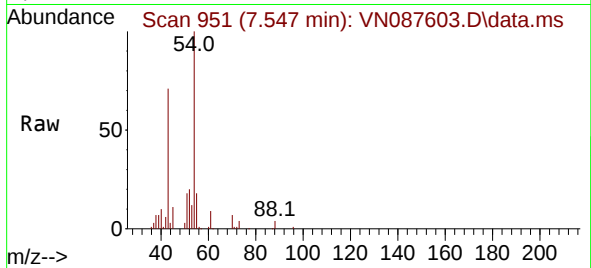




#43
Ethyl Acetate
Concen: 17.104 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

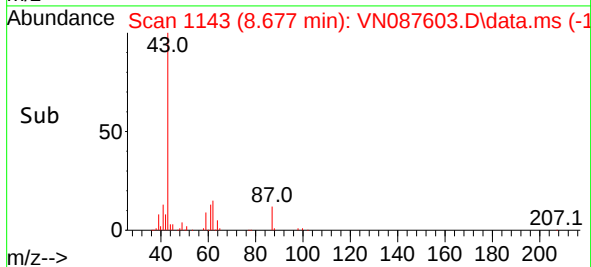
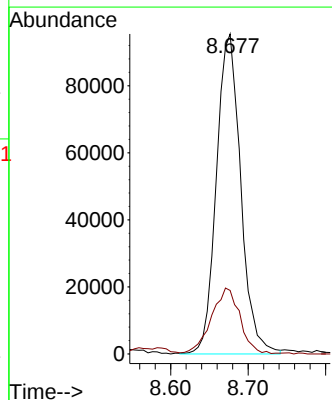
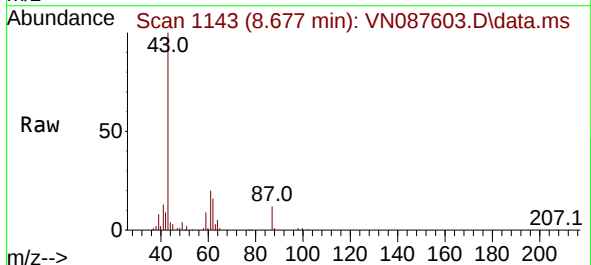
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

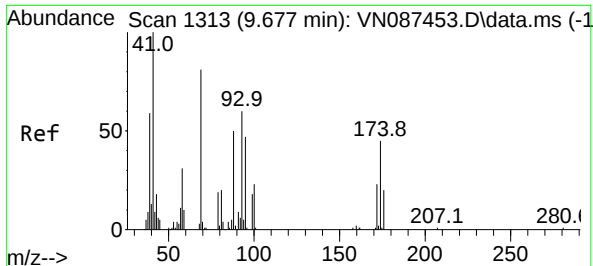
Tgt Ion: 43 Resp: 126086
Ion Ratio Lower Upper
43 100
45 13.4 11.1 16.7



#44
Isopropyl Acetate
Concen: 16.667 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 43 Resp: 208274
Ion Ratio Lower Upper
43 100
61 24.2 18.6 28.0





#45

1,4-Dioxane

Concen: 354.000 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087603.D

Acq: 20 Aug 2025 08:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

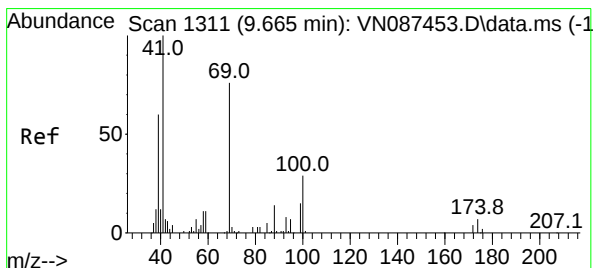
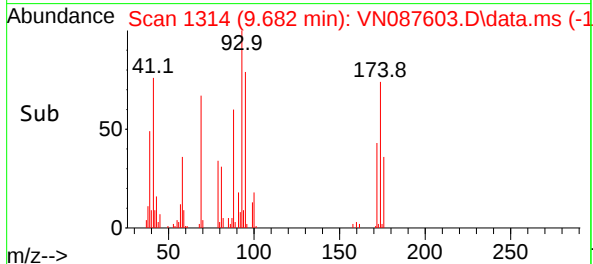
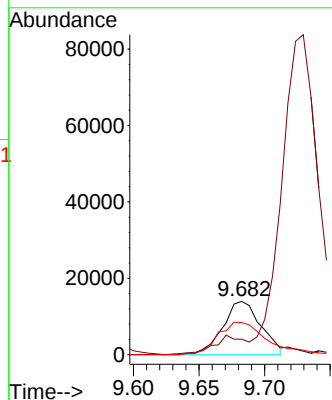
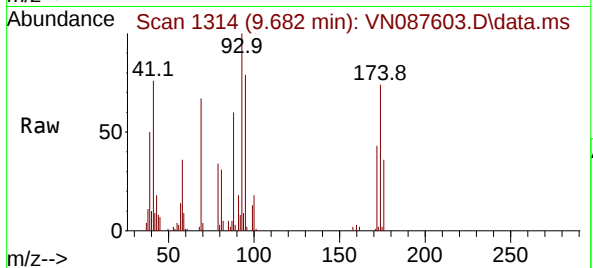
Tgt Ion: 88 Resp: 28200

Ion Ratio Lower Upper

88 100

43 30.5 24.1 36.1

58 79.0 57.2 85.8



#46

Methyl methacrylate

Concen: 16.140 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN087603.D

Acq: 20 Aug 2025 08:58

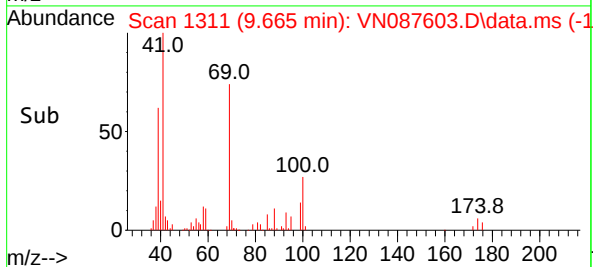
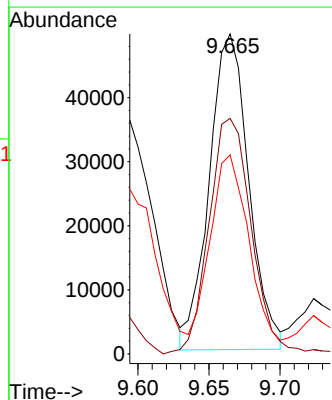
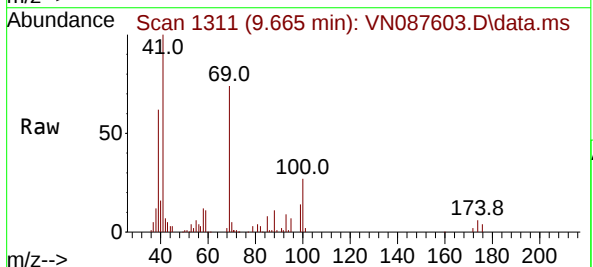
Tgt Ion: 41 Resp: 95204

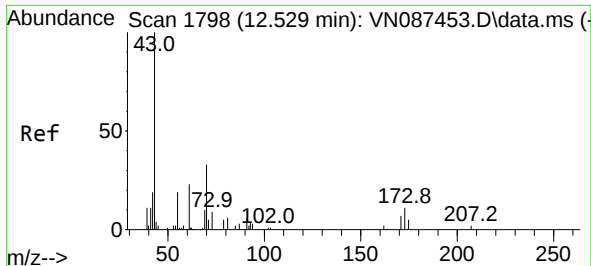
Ion Ratio Lower Upper

41 100

69 77.5 37.1 111.5

39 62.2 30.7 92.1





#47

n-amy1 Acetate

Concen: 1.760 ug/l

RT: 12.535 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VN087603.D

Acq: 20 Aug 2025 08:58

Instrument :

MSVOA_N

ClientSampleId :

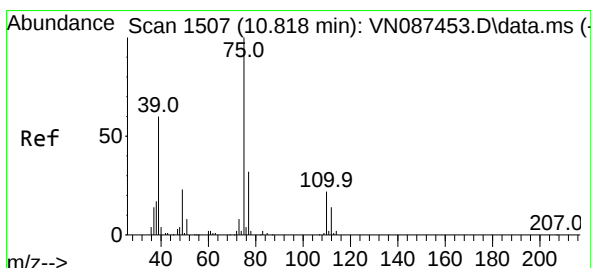
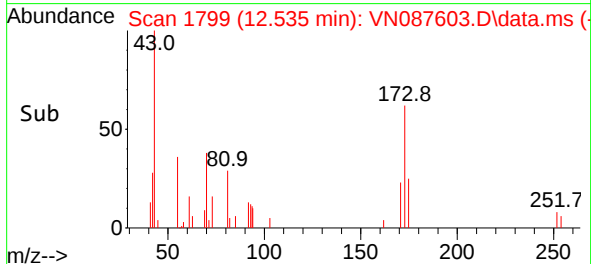
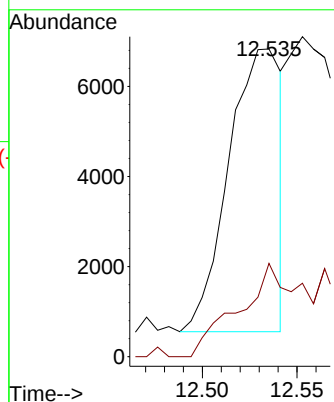
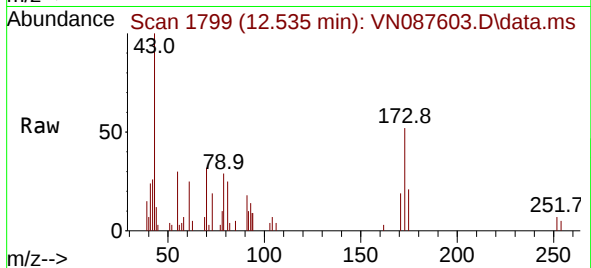
VSTDCCC020

Tgt Ion: 43 Resp: 12147

Ion Ratio Lower Upper

43 100

55 30.6 4.6 6.8#



#48

t-1,3-Dichloropropene

Concen: 16.758 ug/l

RT: 10.818 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VN087603.D

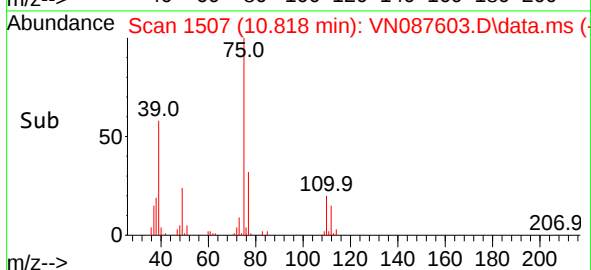
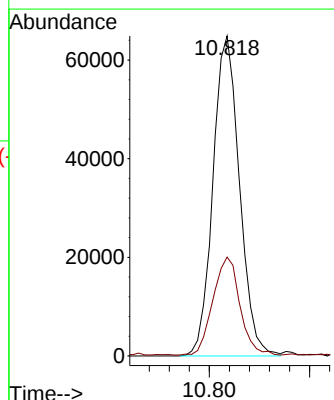
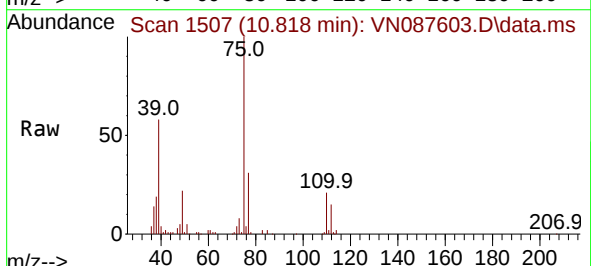
Acq: 20 Aug 2025 08:58

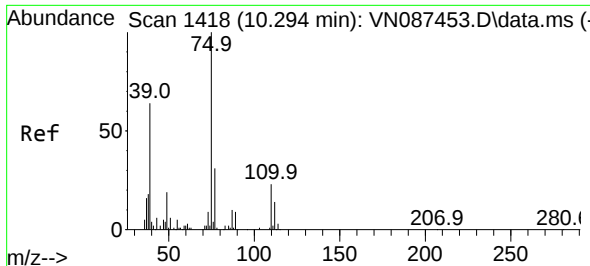
Tgt Ion: 75 Resp: 119093

Ion Ratio Lower Upper

75 100

77 30.6 25.3 37.9

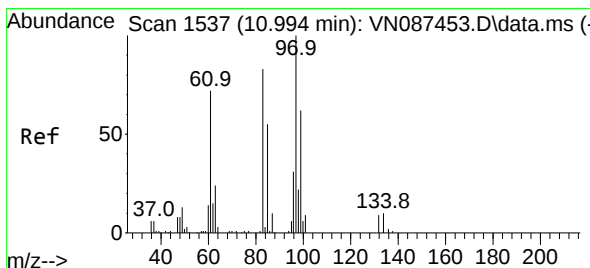
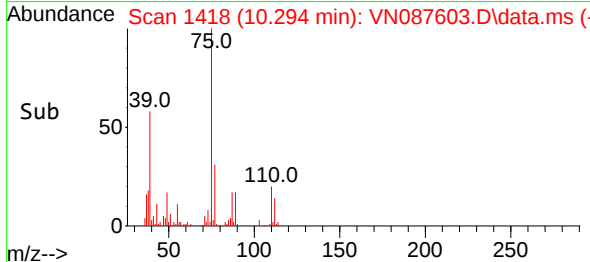
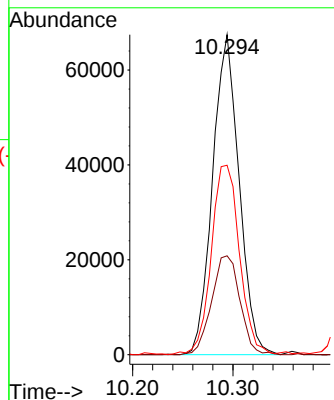
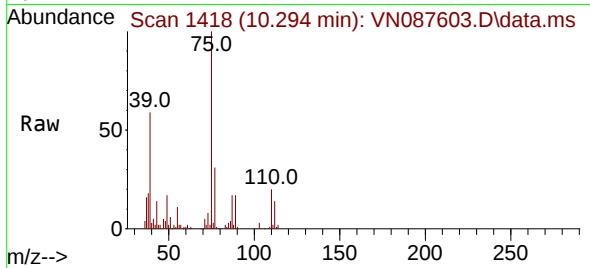




#49
 cis-1,3-Dichloropropene
 Concen: 17.270 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087603.D
 Acq: 20 Aug 2025 08:58

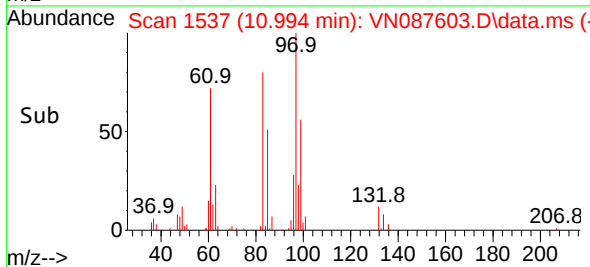
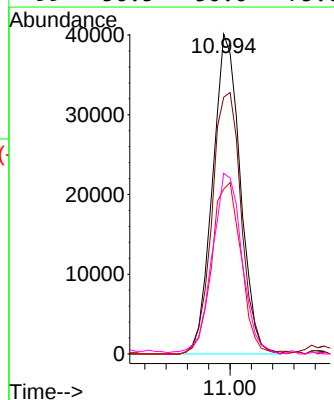
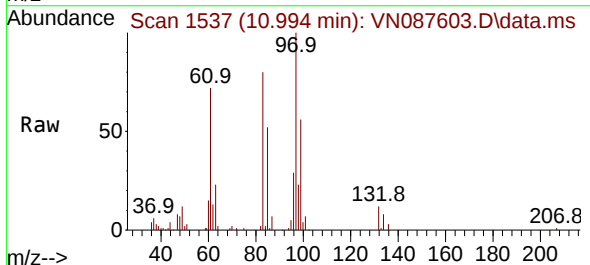
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

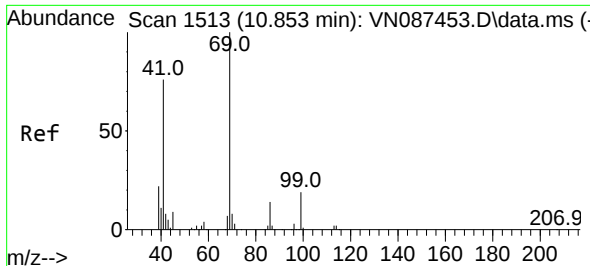
Tgt Ion: 75 Resp: 123512
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.6 36.8
 39 58.6 51.5 77.3



#50
 1,1,2-Trichloroethane
 Concen: 18.166 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN087603.D
 Acq: 20 Aug 2025 08:58

Tgt Ion: 97 Resp: 72151
 Ion Ratio Lower Upper
 97 100
 83 80.3 66.2 99.2
 85 51.5 43.9 65.9
 99 56.5 50.0 75.0

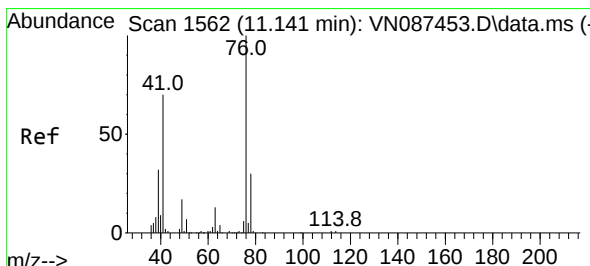
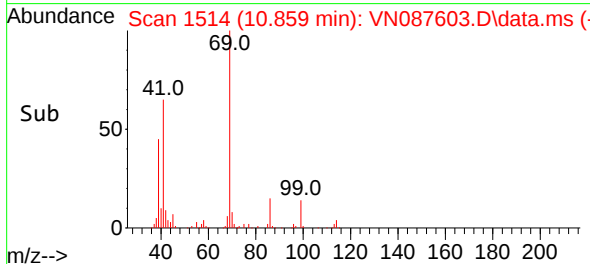
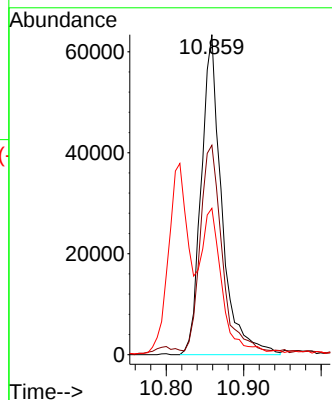
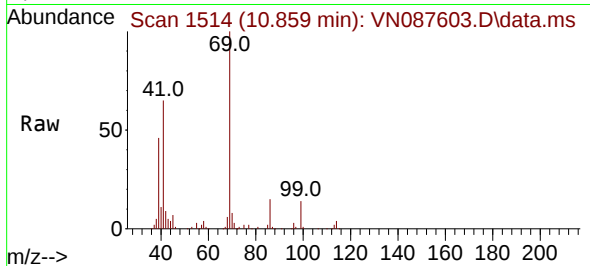




#51
Ethyl methacrylate
Concen: 16.696 ug/l
RT: 10.859 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

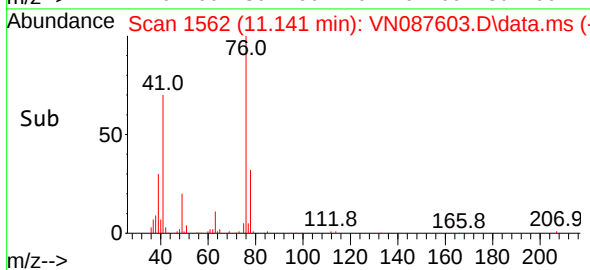
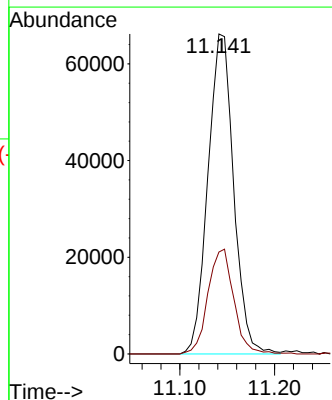
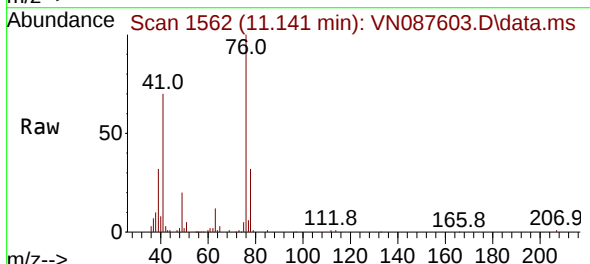
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

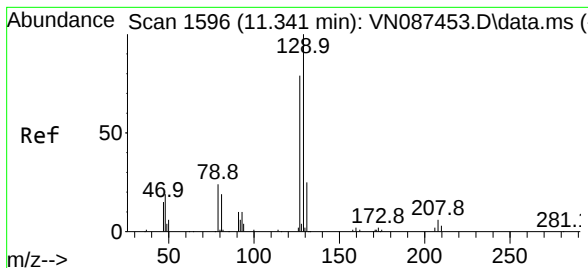
Tgt Ion: 69 Resp: 116788
Ion Ratio Lower Upper
69 100
41 64.2 38.0 114.1
39 44.6 23.2 69.5



#52
1,3-Dichloropropane
Concen: 17.442 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 76 Resp: 124808
Ion Ratio Lower Upper
76 100
78 32.8 0.0 63.0

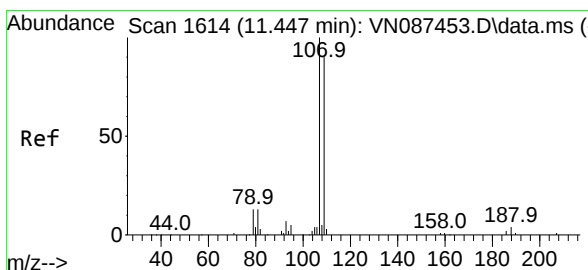
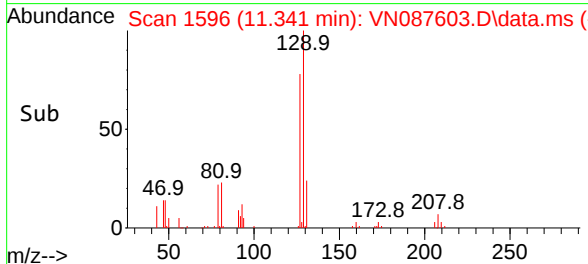
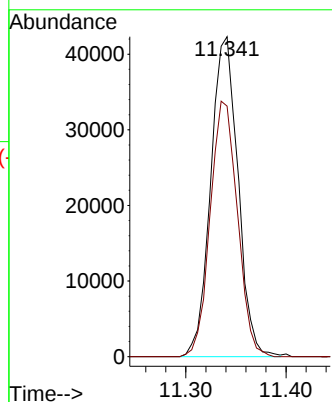
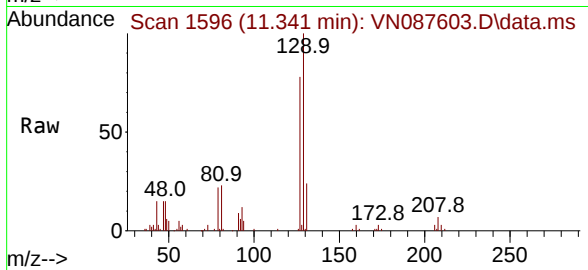




#53
Dibromochloromethane
Concen: 17.429 ug/l
RT: 11.341 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

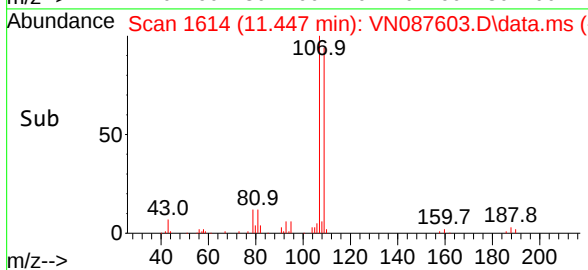
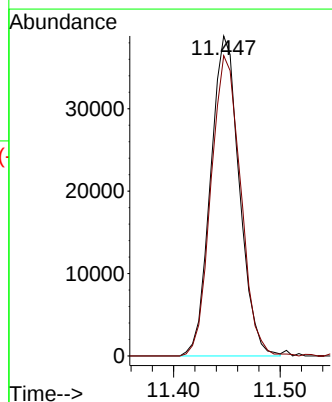
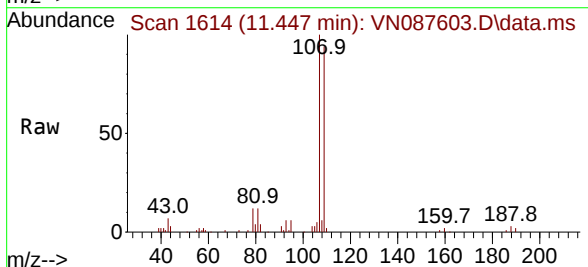
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

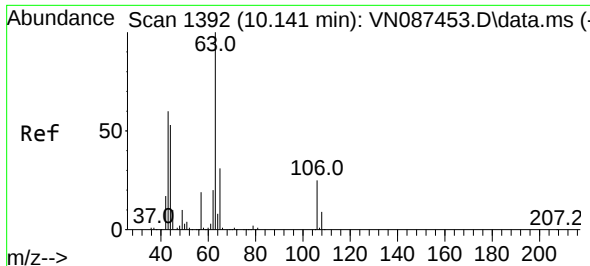
Tgt Ion:129 Resp: 79944
Ion Ratio Lower Upper
129 100
127 79.8 39.1 117.3



#54
1,2-Dibromoethane
Concen: 17.274 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion:107 Resp: 72831
Ion Ratio Lower Upper
107 100
109 96.2 74.2 111.4

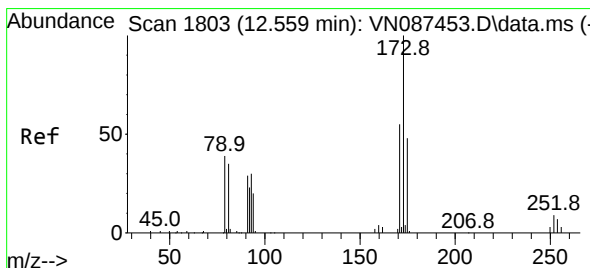
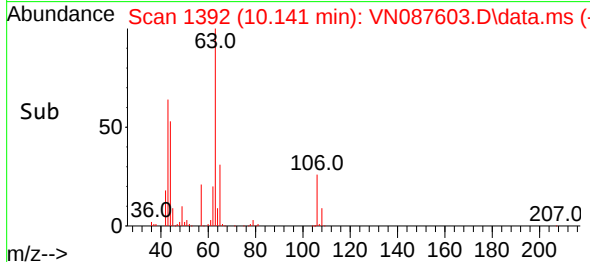
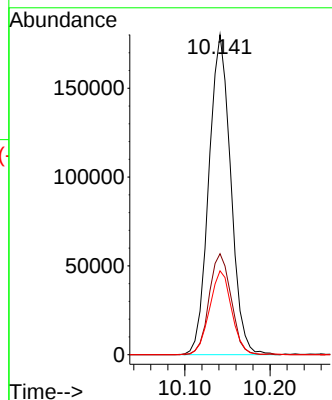
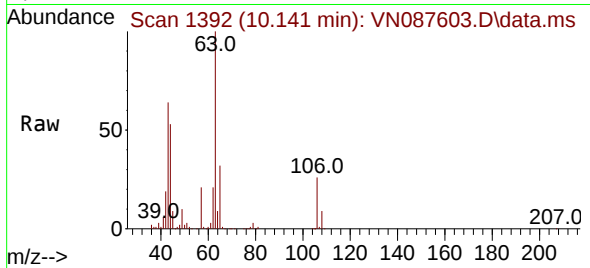




#55
2-Chloroethyl vinyl ether
Concen: 87.306 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

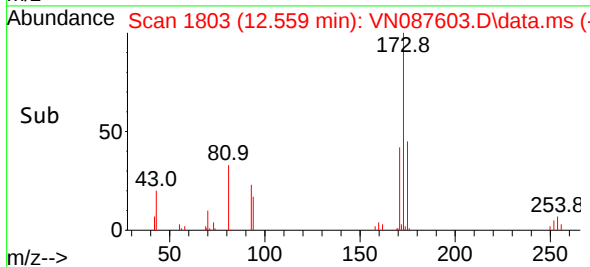
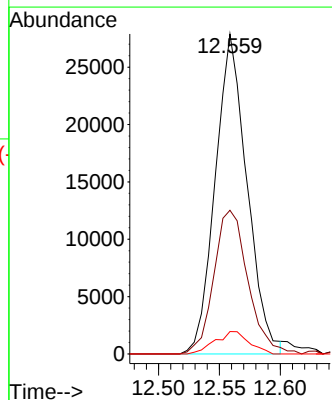
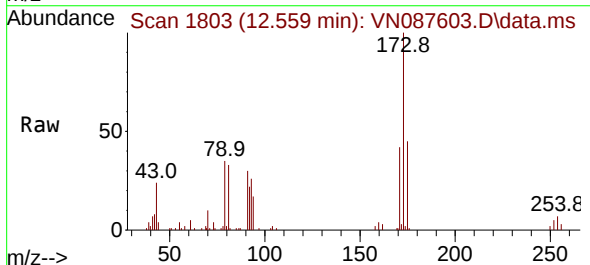
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

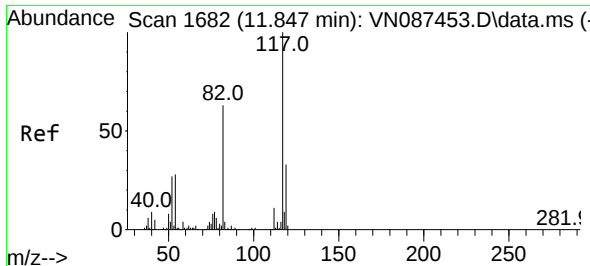
Tgt Ion: 63 Resp: 321490
Ion Ratio Lower Upper
63 100
65 31.6 25.7 38.5
106 26.4 20.7 31.1



#56
Bromoform
Concen: 16.650 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 173 Resp: 50513
Ion Ratio Lower Upper
173 100
175 48.3 38.8 58.2
254 7.5 3.9 5.9#

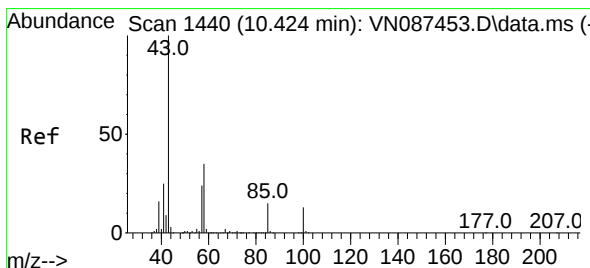
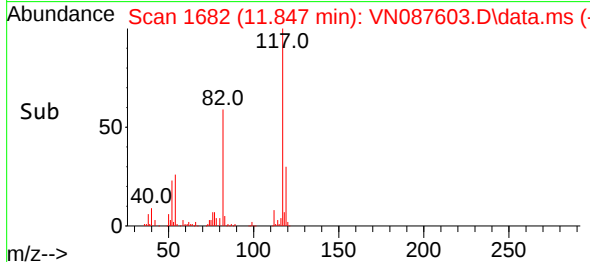
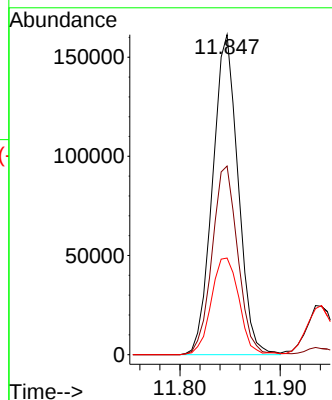
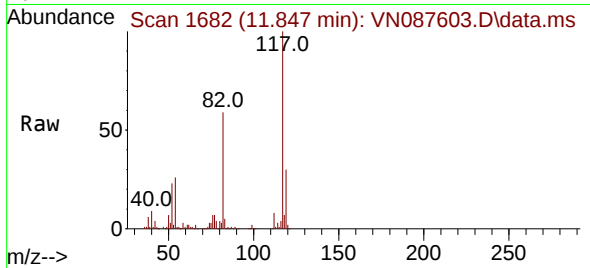




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

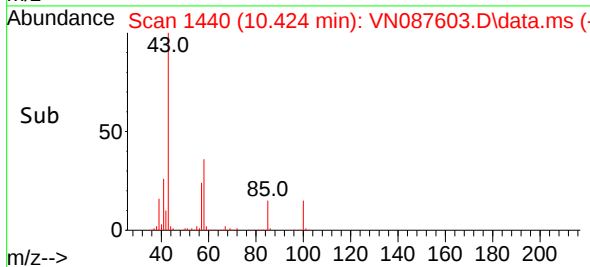
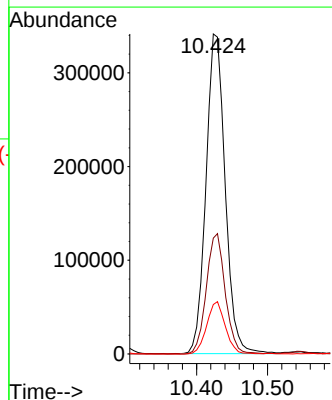
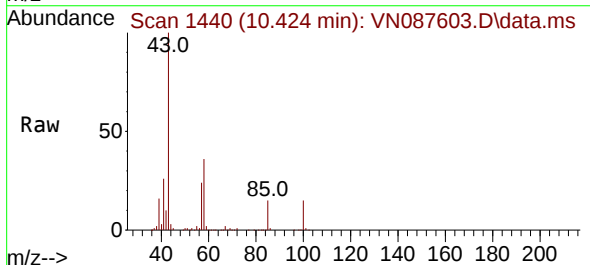
Instrument :
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ClientSampleId :
VSTDCCC020

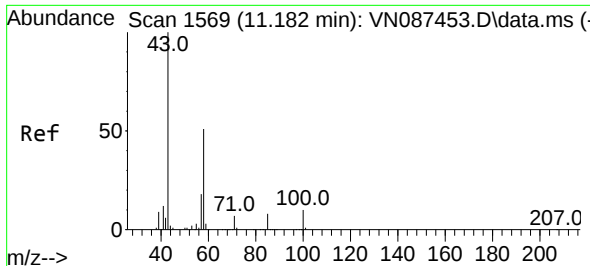
Tgt Ion:117 Resp: 285286
Ion Ratio Lower Upper
117 100
82 59.2 49.2 73.8
119 32.6 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 87.601 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 43 Resp: 642892
Ion Ratio Lower Upper
43 100
58 37.0 29.0 43.6
85 15.8 12.7 19.1

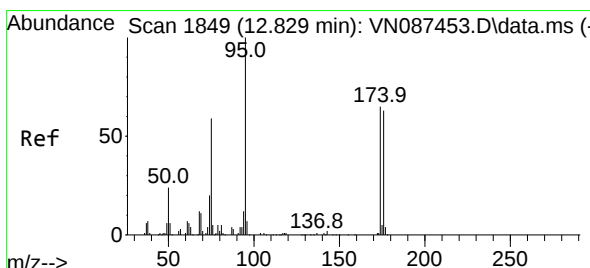
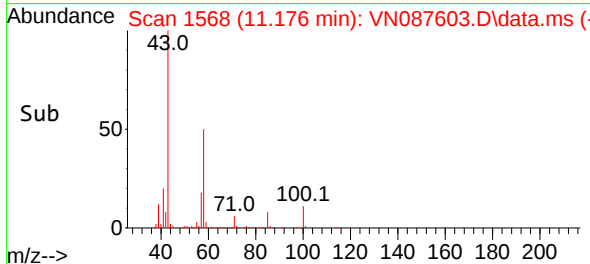
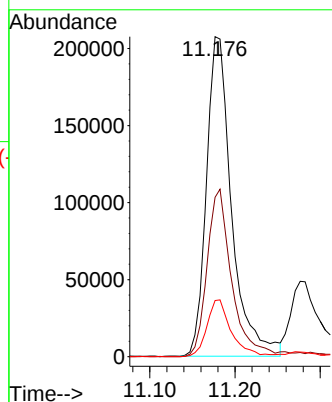
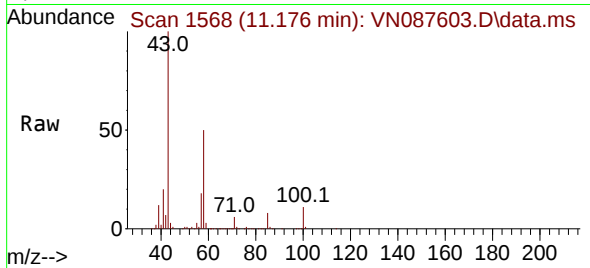




#59
2-Hexanone
Concen: 85.590 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

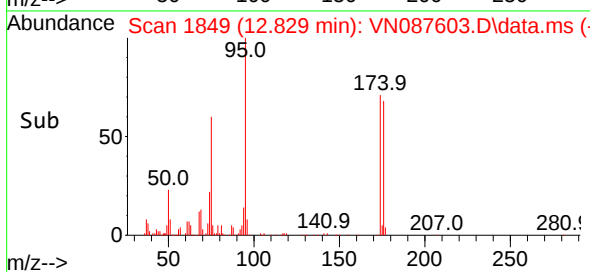
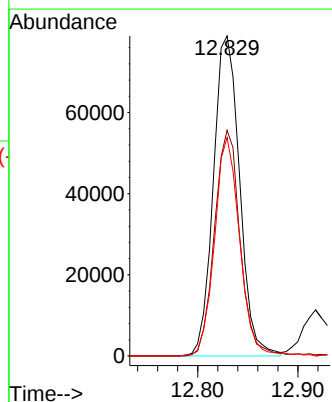
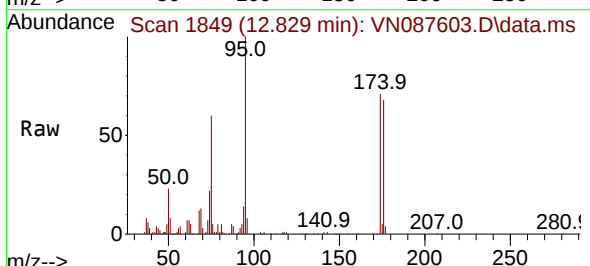
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

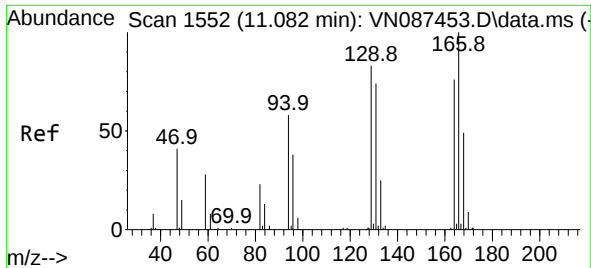
Tgt Ion: 43 Resp: 426791
Ion Ratio Lower Upper
43 100
58 50.8 41.0 61.6
57 17.0 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 29.208 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 95 Resp: 143397
Ion Ratio Lower Upper
95 100
174 68.5 52.3 78.5
176 65.4 49.8 74.8

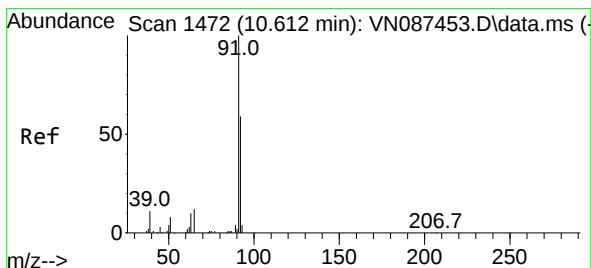
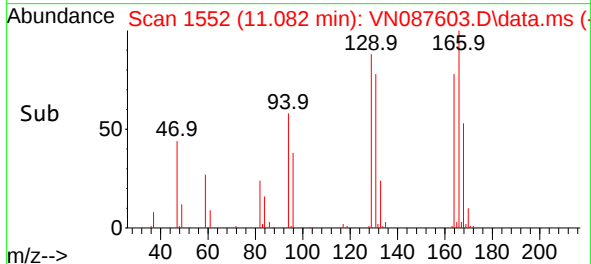
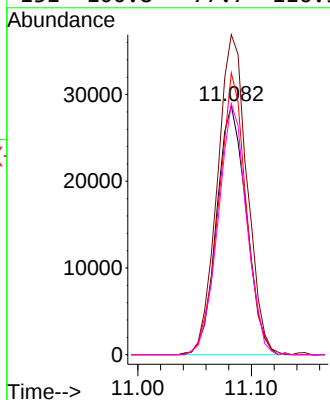
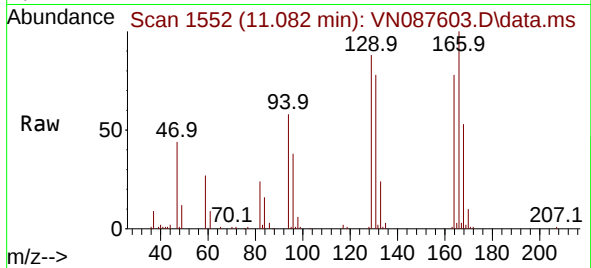




#61
Tetrachloroethene
Concen: 18.773 ug/l
RT: 11.082 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

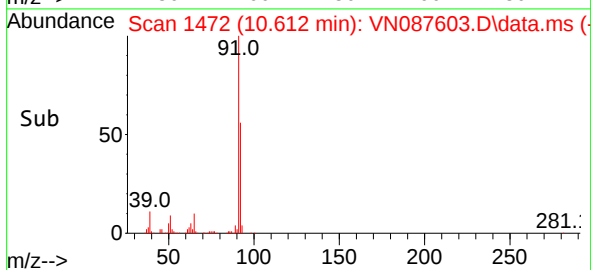
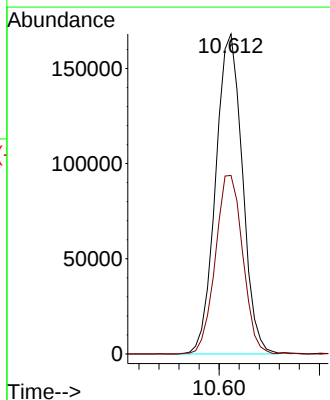
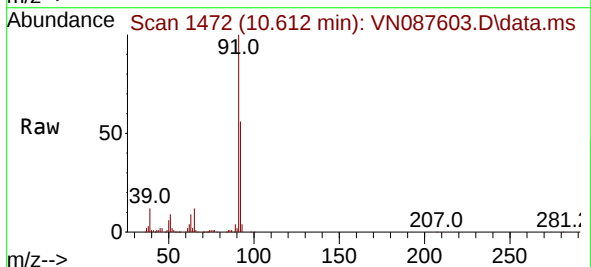
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

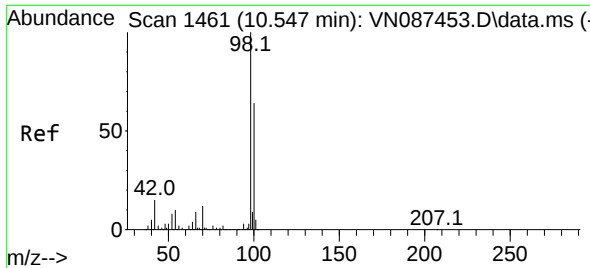
Tgt Ion:164 Resp: 52177
Ion Ratio Lower Upper
164 100
166 128.5 105.4 158.0
129 113.1 87.7 131.5
131 100.8 77.7 116.5



#62
Toluene
Concen: 17.707 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 91 Resp: 311784
Ion Ratio Lower Upper
91 100
92 57.1 45.8 68.6

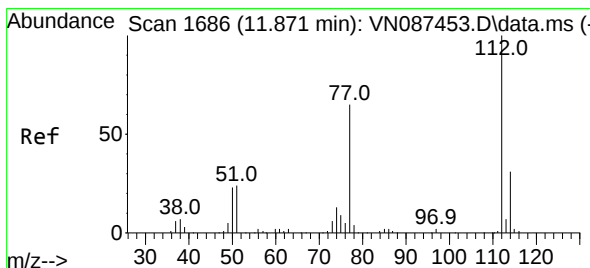
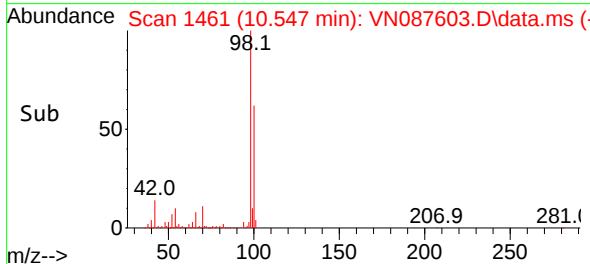
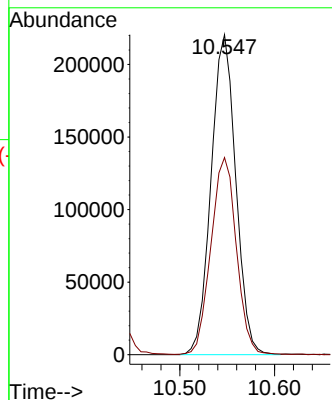
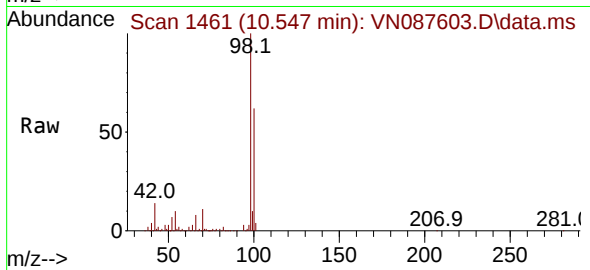




#63
Toluene-d8
Concen: 30.485 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

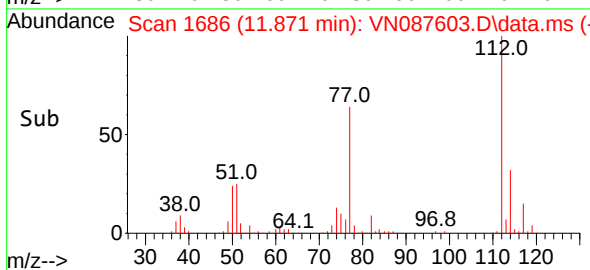
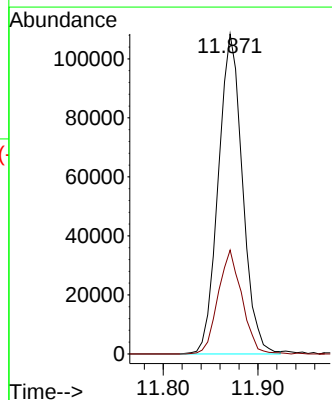
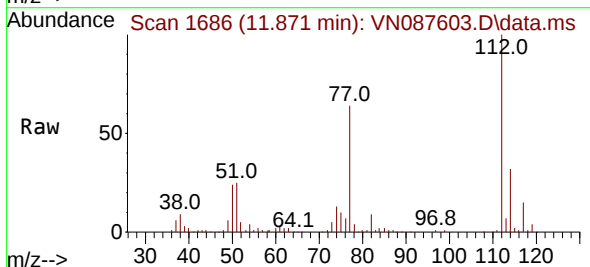
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

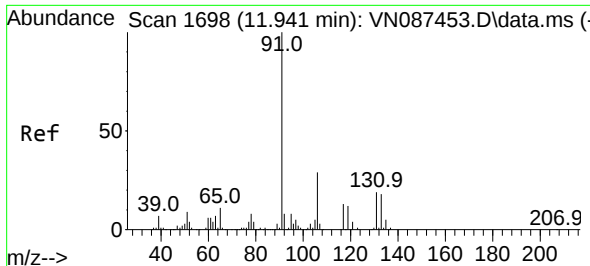
Tgt Ion: 98 Resp: 400169
Ion Ratio Lower Upper
98 100
100 63.5 50.5 75.7



#64
Chlorobenzene
Concen: 17.805 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 112 Resp: 192641
Ion Ratio Lower Upper
112 100
114 32.4 24.7 37.1

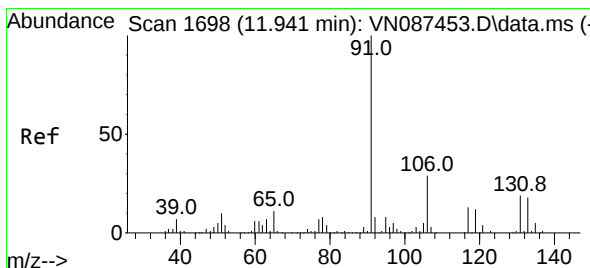
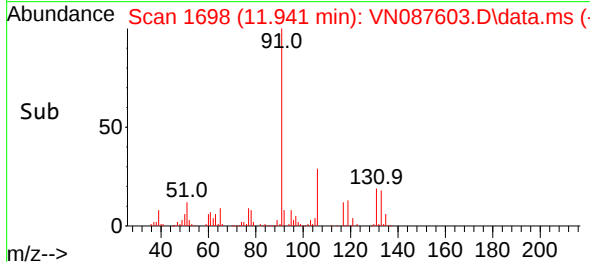
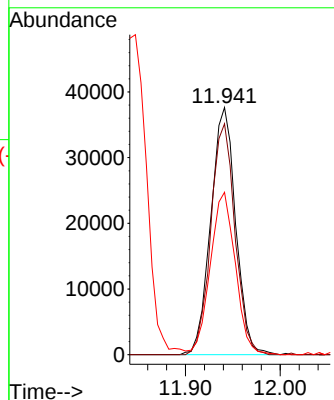
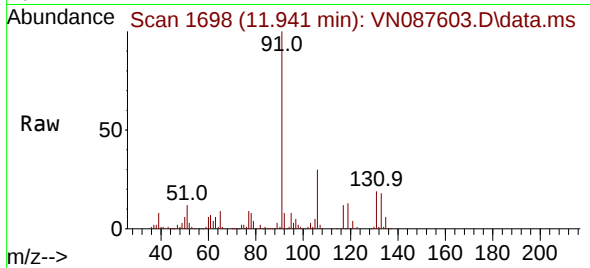




#65
1,1,1,2-Tetrachloroethane
Concen: 18.067 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

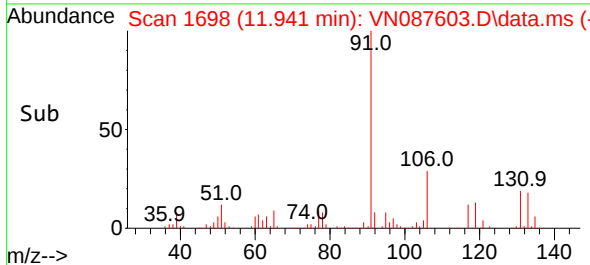
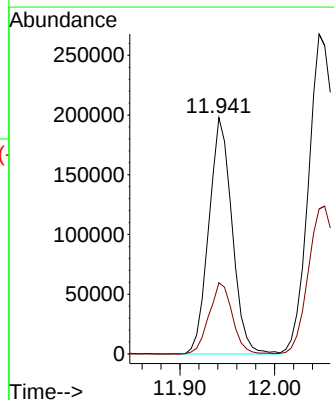
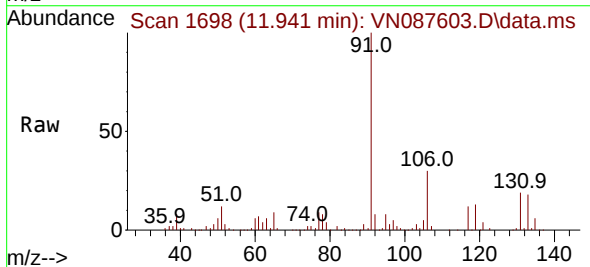
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

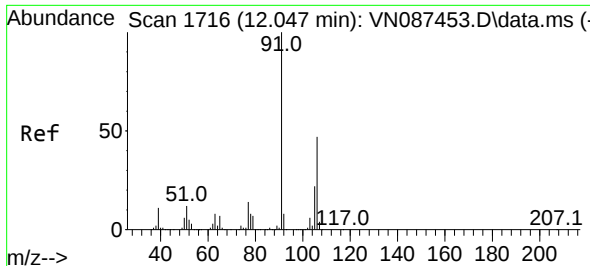
Tgt Ion:131 Resp: 68728
Ion Ratio Lower Upper
131 100
133 90.7 0.0 189.8
119 66.2 0.0 133.2



#66
Ethyl Benzene
Concen: 17.159 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 91 Resp: 336747
Ion Ratio Lower Upper
91 100
106 30.1 22.9 34.3

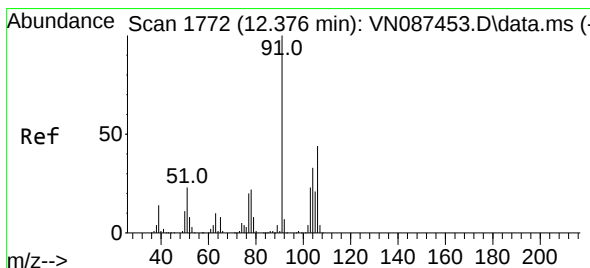
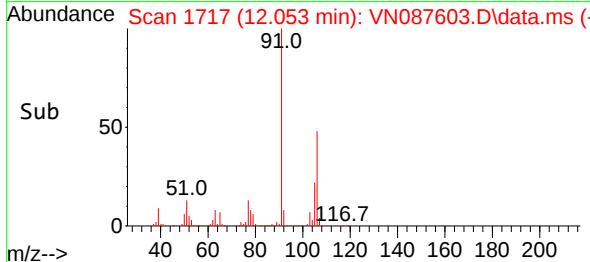
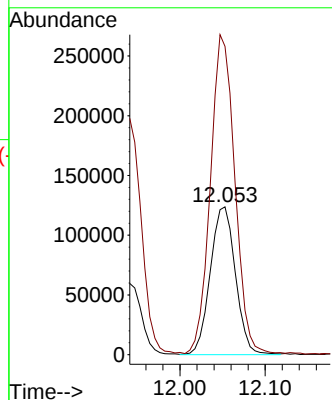
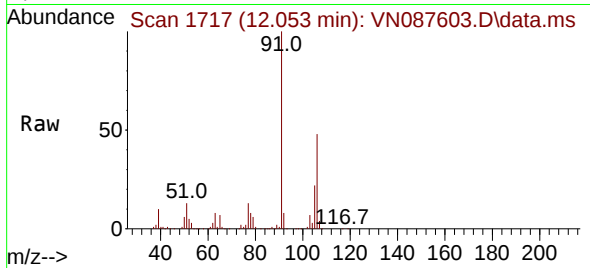




#67
m/p-Xylenes
Concen: 35.346 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

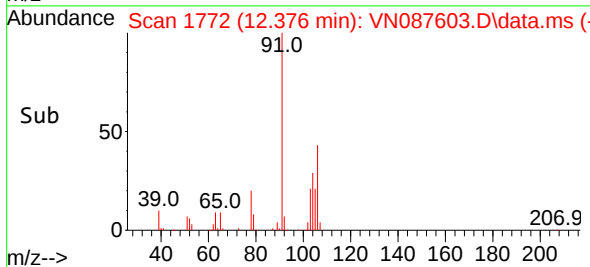
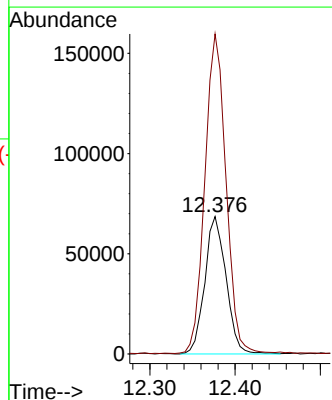
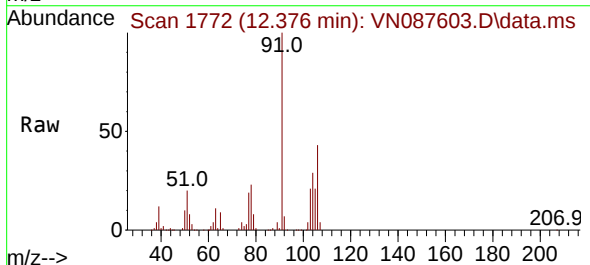
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

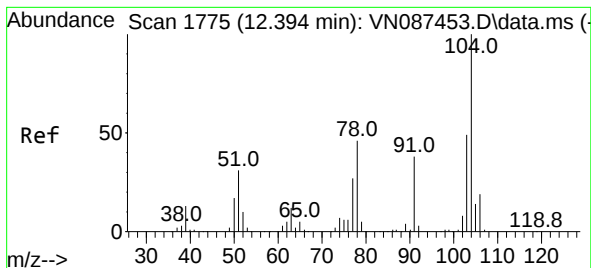
Tgt Ion:106 Resp: 254623
Ion Ratio Lower Upper
106 100
91 210.7 174.2 261.2



#68
o-Xylene
Concen: 16.805 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion:106 Resp: 119101
Ion Ratio Lower Upper
106 100
91 230.7 114.5 343.5





#69

Styrene

Concen: 17.242 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VN087603.D

Acq: 20 Aug 2025 08:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

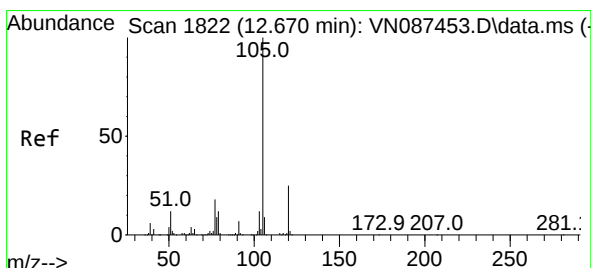
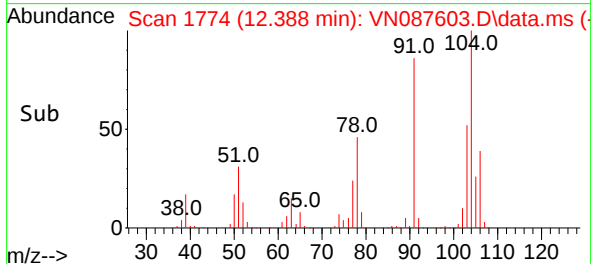
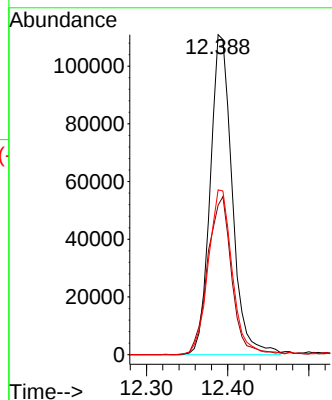
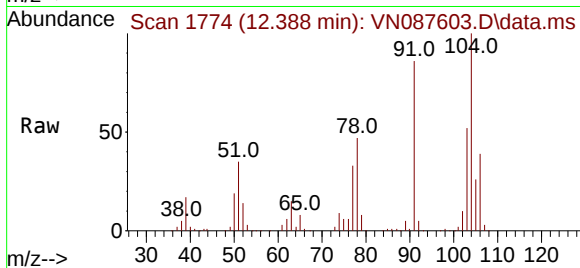
Tgt Ion:104 Resp: 208652

Ion Ratio Lower Upper

104 100

78 54.1 43.8 65.8

103 55.7 43.1 64.7



#70

Isopropylbenzene

Concen: 17.430 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.006 min

Lab File: VN087603.D

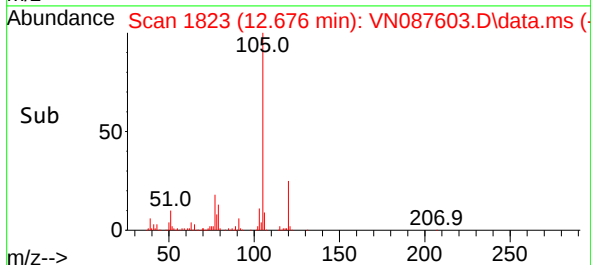
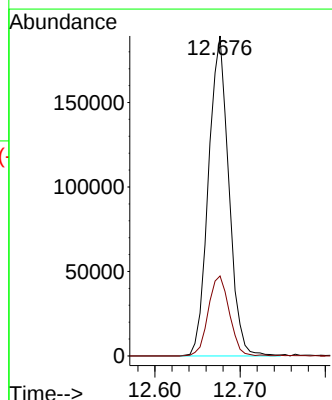
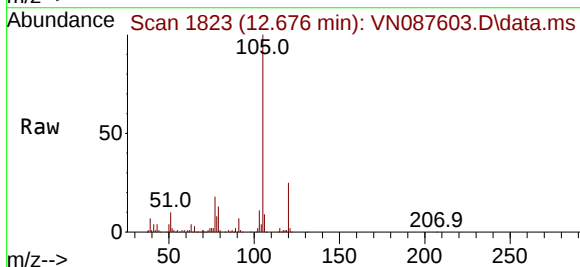
Acq: 20 Aug 2025 08:58

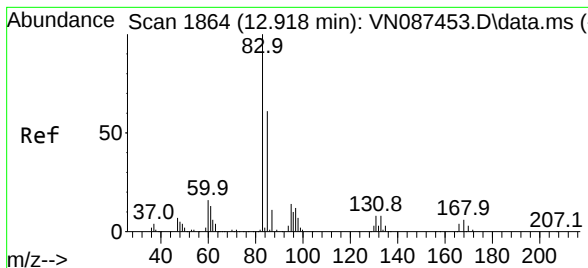
Tgt Ion:105 Resp: 313834

Ion Ratio Lower Upper

105 100

120 25.8 17.5 32.5

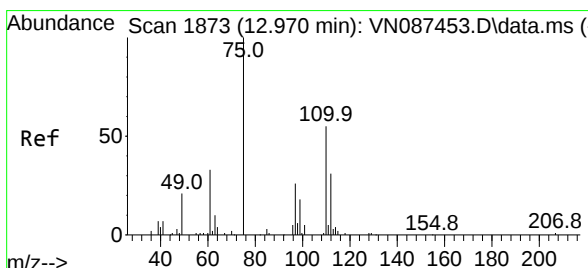
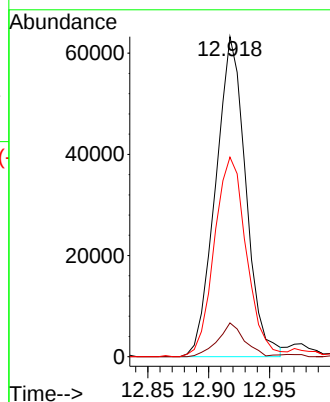
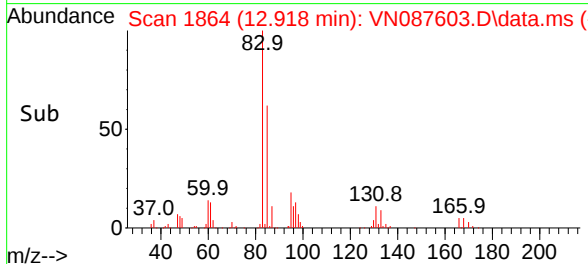
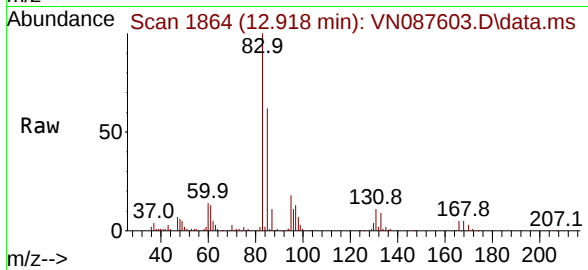




#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.721 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087603.D
 Acq: 20 Aug 2025 08:58

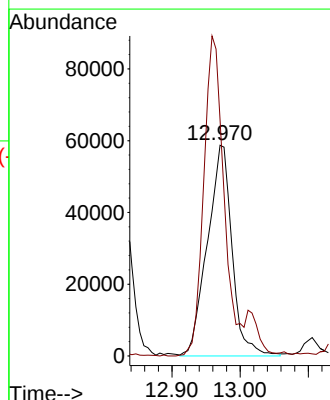
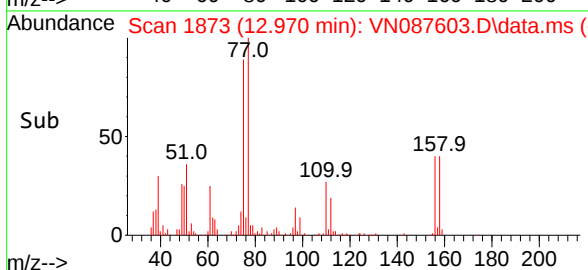
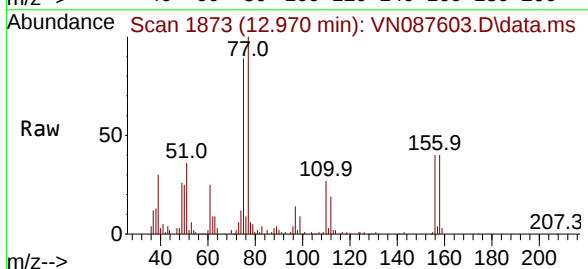
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

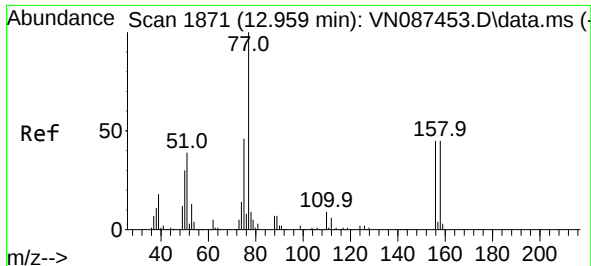
Tgt Ion: 83 Resp: 109327
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.8 14.3
 85 66.3 31.7 95.1



#72
 1,2,3-Trichloropropane
 Concen: 25.774 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN087603.D
 Acq: 20 Aug 2025 08:58

Tgt Ion: 75 Resp: 148125
 Ion Ratio Lower Upper
 75 100
 77 124.7 0.0 385.0

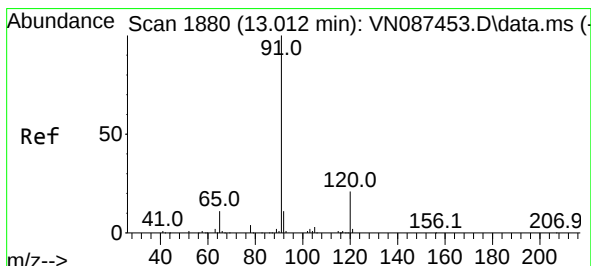
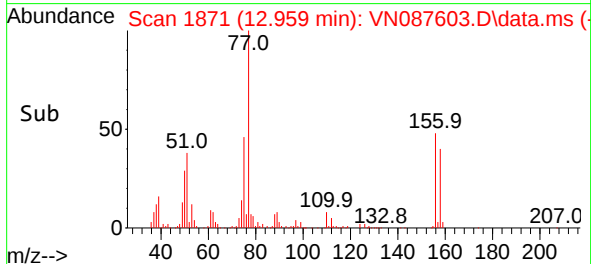
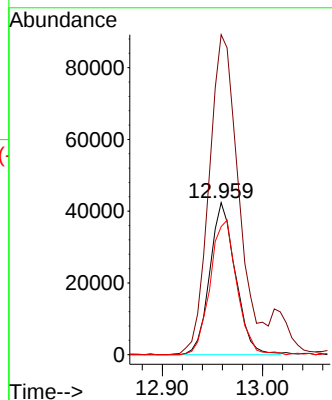
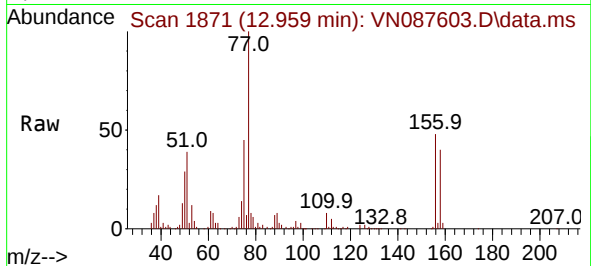




#73
Bromobenzene
Concen: 18.048 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

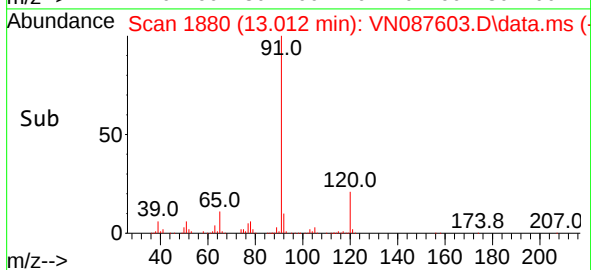
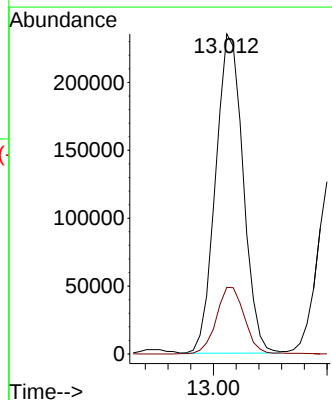
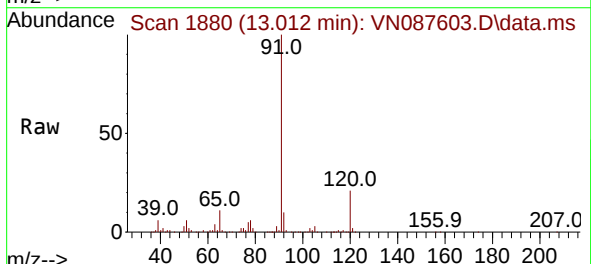
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

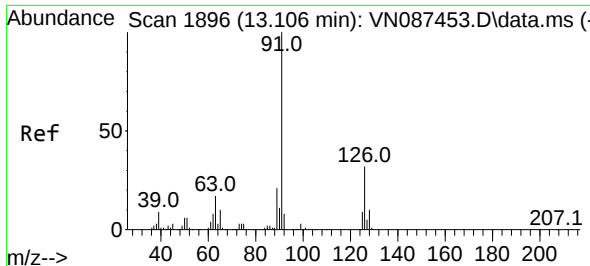
Tgt Ion:156 Resp: 75330
Ion Ratio Lower Upper
156 100
77 245.2 0.0 506.6
158 91.5 0.0 193.6



#74
n-propylbenzene
Concen: 17.603 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 91 Resp: 395838
Ion Ratio Lower Upper
91 100
120 21.2 0.0 41.8

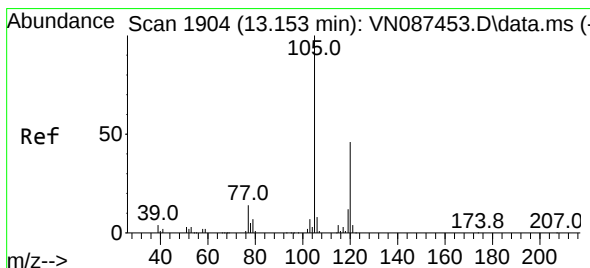
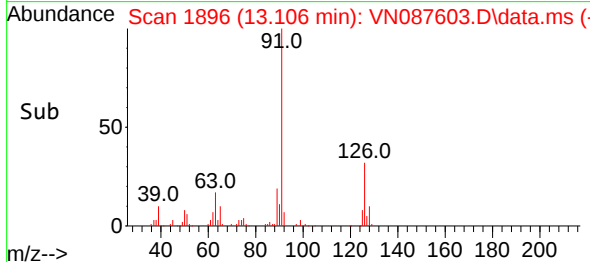
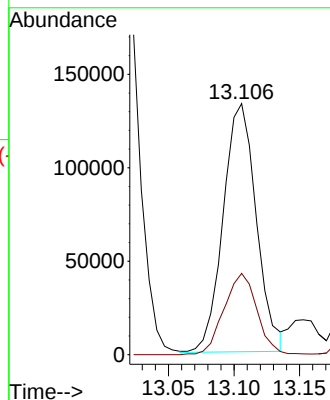
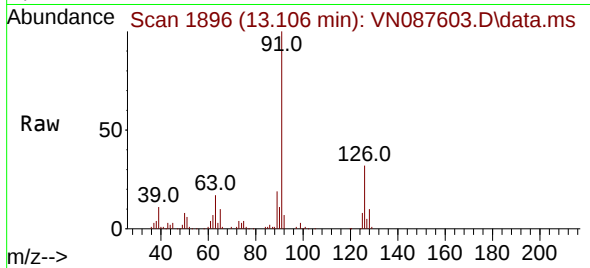




#75
2-Chlorotoluene
Concen: 16.871 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

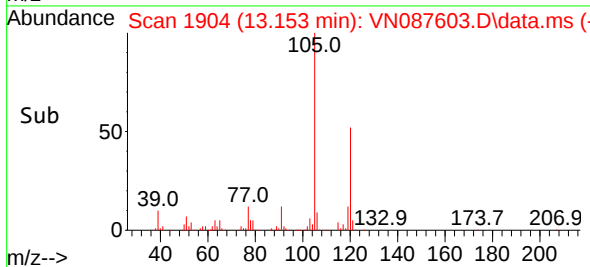
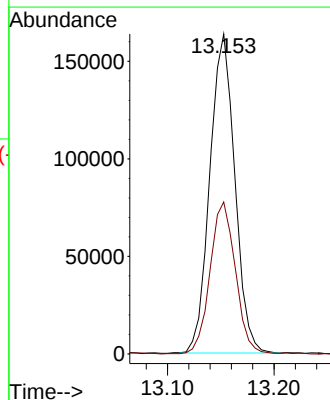
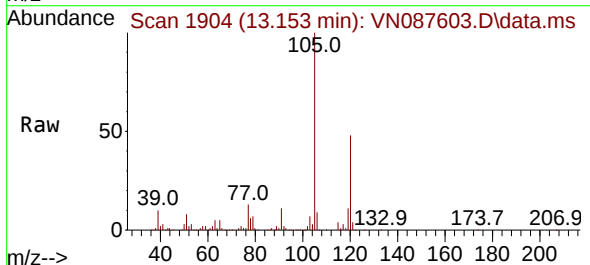
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

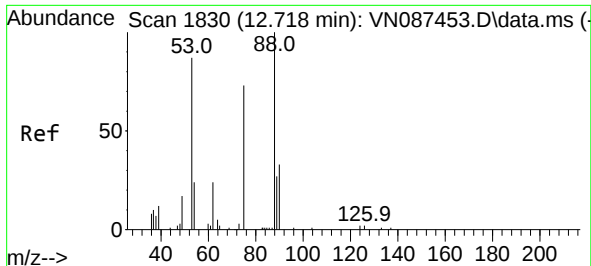
Tgt Ion: 91 Resp: 233365
Ion Ratio Lower Upper
91 100
126 32.8 0.0 60.4



#76
1,3,5-Trimethylbenzene
Concen: 17.239 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 105 Resp: 265756
Ion Ratio Lower Upper
105 100
120 48.0 0.0 91.2

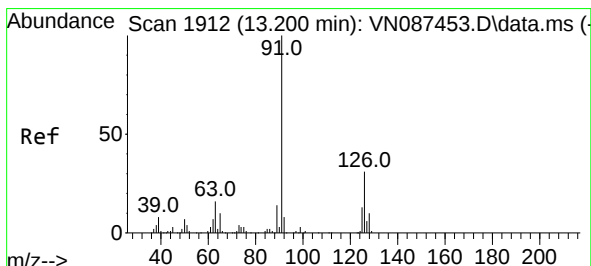
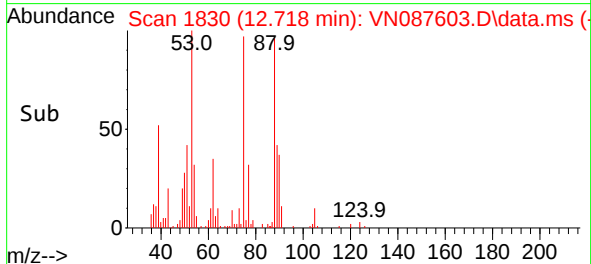
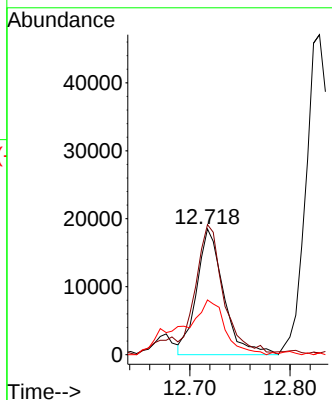
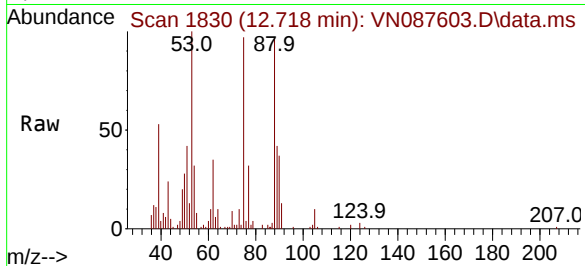




#77
t-1,4-Dichloro-2-butene
Concen: 15.919 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

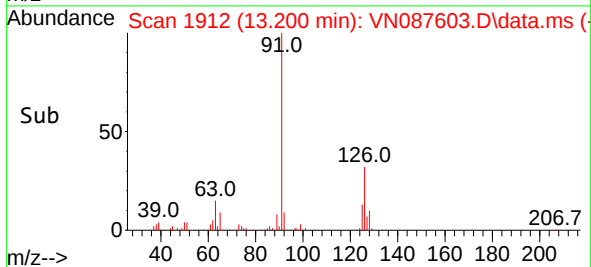
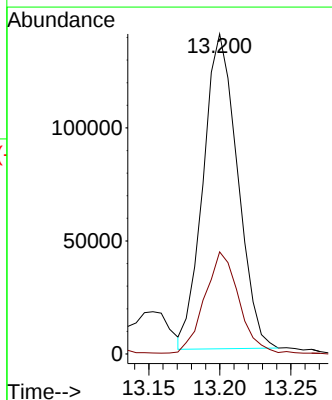
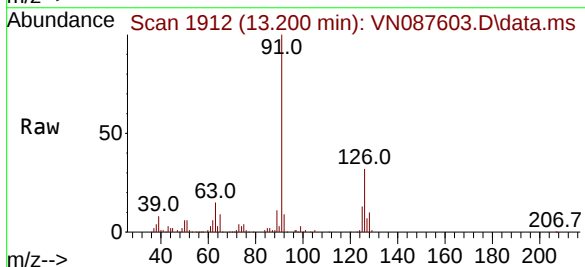
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

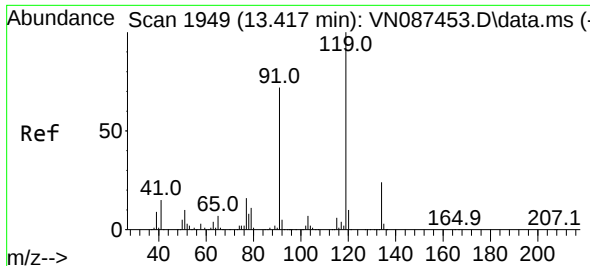
Tgt Ion: 75 Resp: 34633
Ion Ratio Lower Upper
75 100
53 101.0 59.0 176.8
89 42.6 22.1 66.5



#78
4-Chlorotoluene
Concen: 16.723 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 91 Resp: 234404
Ion Ratio Lower Upper
91 100
126 31.6 0.0 63.2

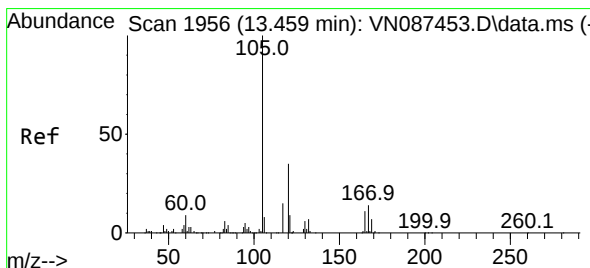
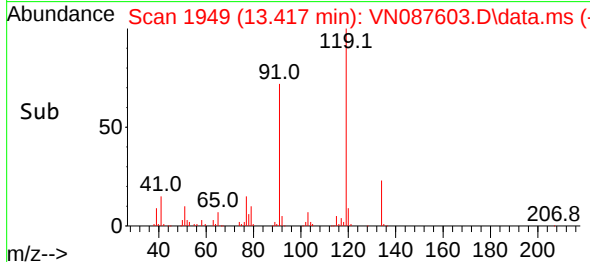
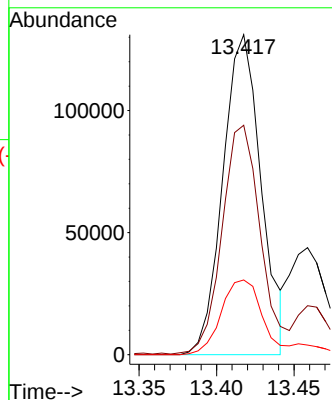
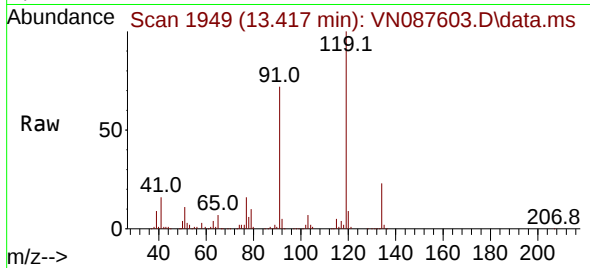




#79
tert-butylbenzene
Concen: 17.330 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

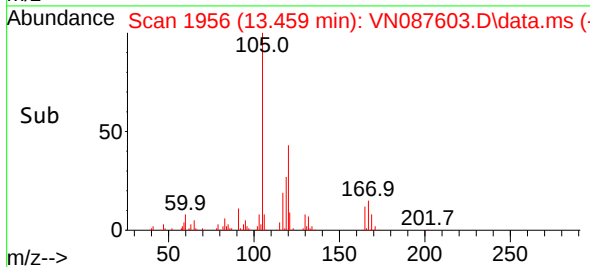
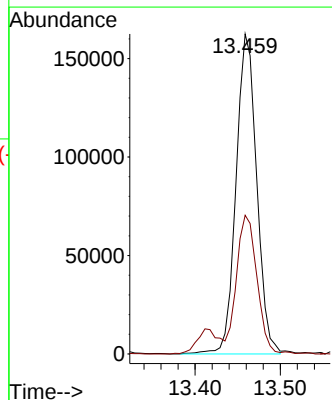
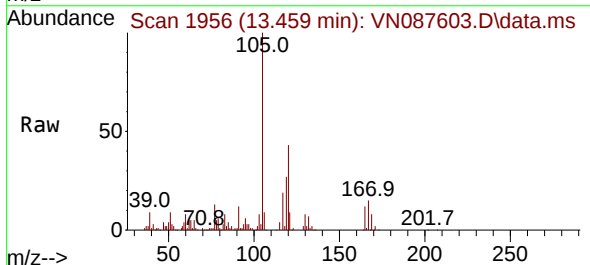
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MSVOA_N
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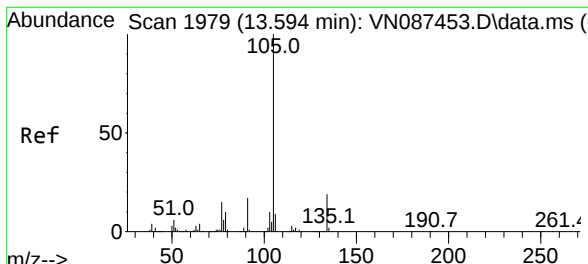
Tgt Ion:119 Resp: 225259
Ion Ratio Lower Upper
119 100
91 71.9 0.0 141.6
134 25.0 0.0 45.6



#80
1,2,4-Trimethylbenzene
Concen: 17.728 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion:105 Resp: 273098
Ion Ratio Lower Upper
105 100
120 42.2 0.0 87.2

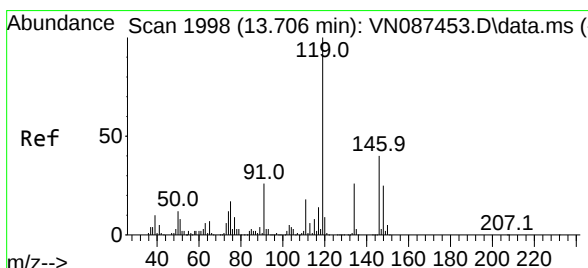
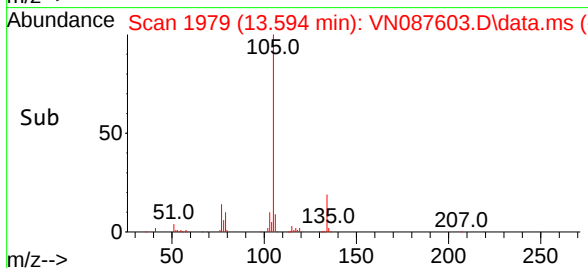
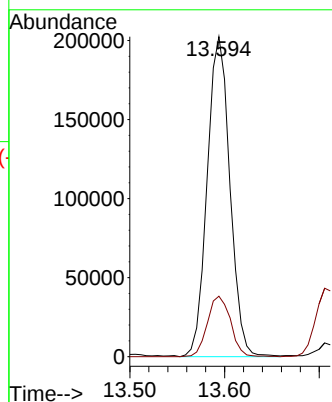
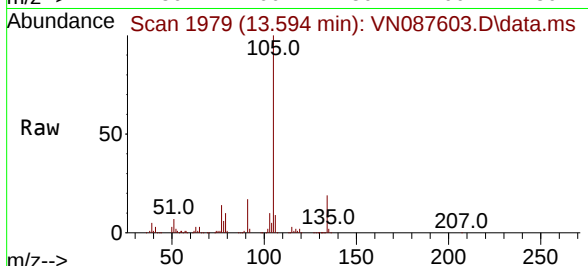




#81
 sec-Butylbenzene
 Concen: 17.813 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087603.D
 Acq: 20 Aug 2025 08:58

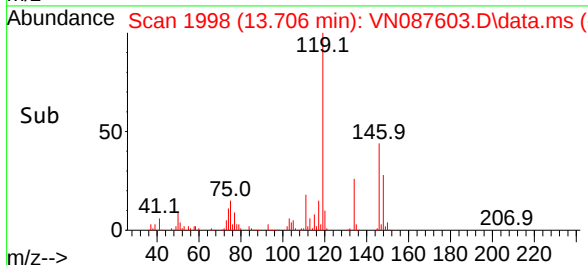
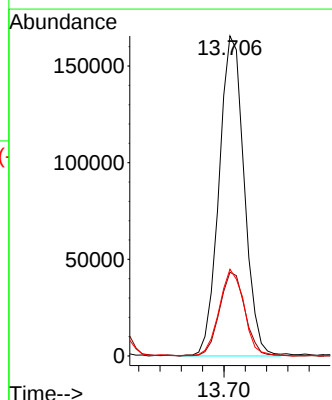
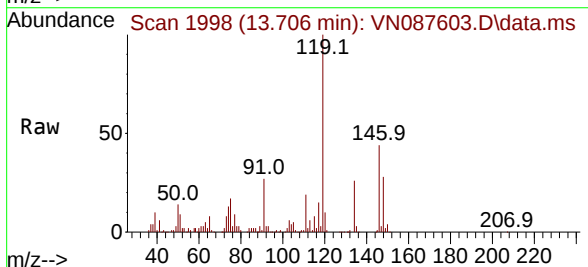
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

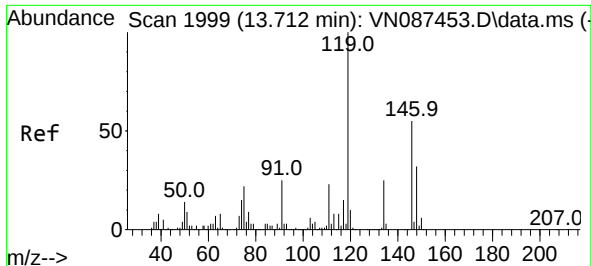
Tgt Ion:105 Resp: 337055
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 37.6



#82
 p-Isopropyltoluene
 Concen: 17.256 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087603.D
 Acq: 20 Aug 2025 08:58

Tgt Ion:119 Resp: 271115
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 51.4
 91 26.4 0.0 52.0

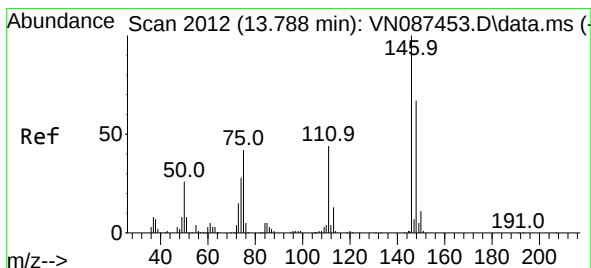
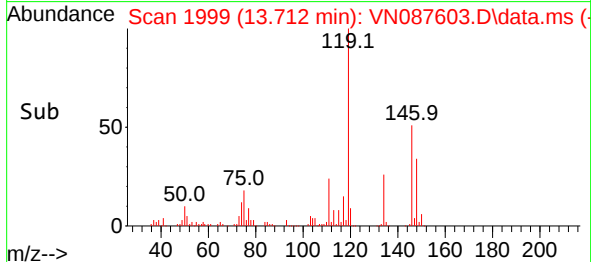
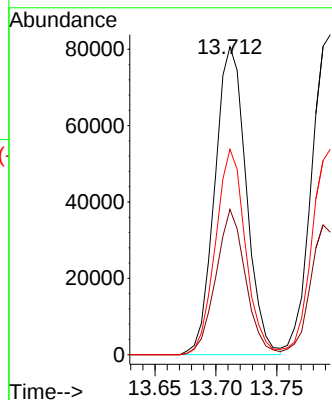
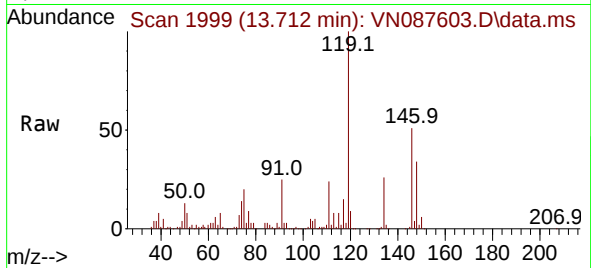




#83
 1,3-Dichlorobenzene
 Concen: 18.221 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087603.D
 Acq: 20 Aug 2025 08:58

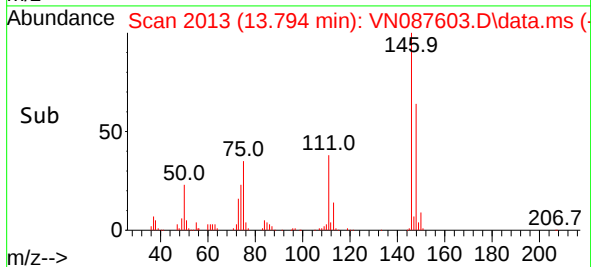
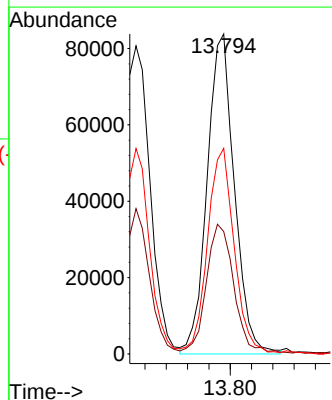
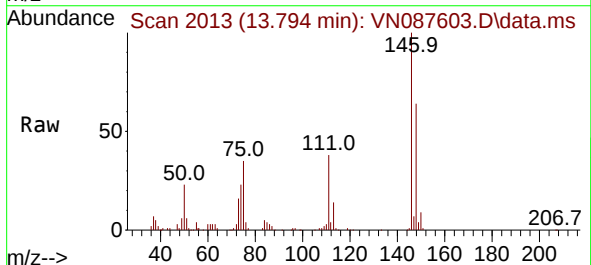
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

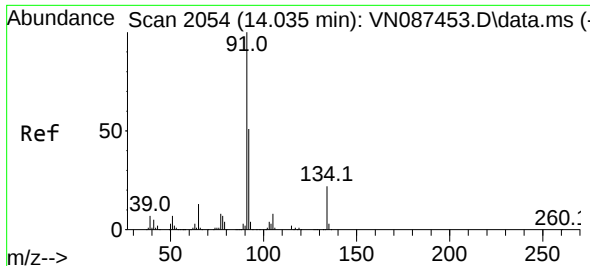
Tgt Ion:146 Resp: 144826
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.9 65.5
 148 63.7 31.3 93.9



#84
 1,4-Dichlorobenzene
 Concen: 18.485 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.006 min
 Lab File: VN087603.D
 Acq: 20 Aug 2025 08:58

Tgt Ion:146 Resp: 148953
 Ion Ratio Lower Upper
 146 100
 111 38.0 21.1 63.1
 148 62.9 31.4 94.3

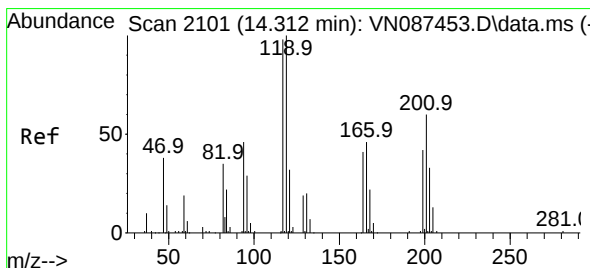
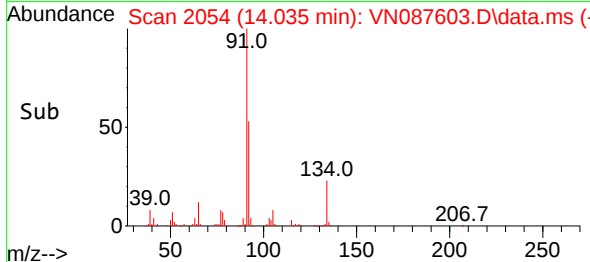
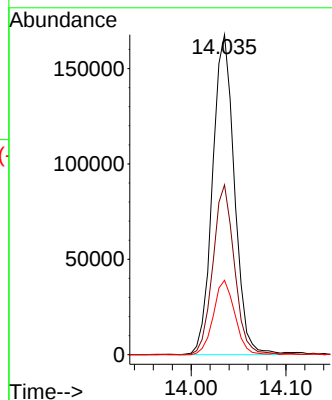
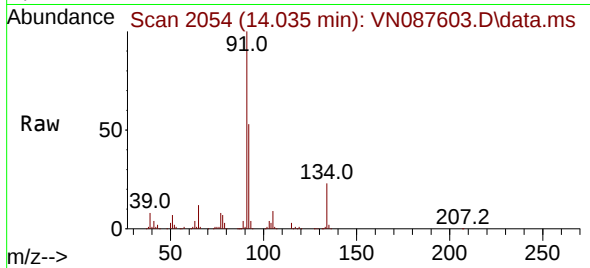




#85
n-Butylbenzene
Concen: 17.501 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

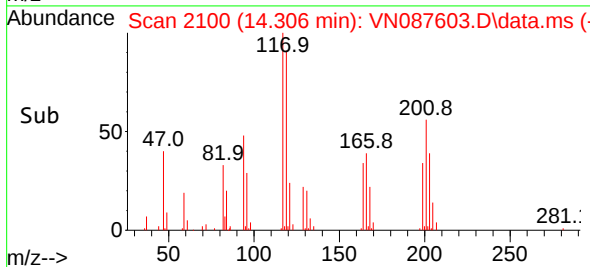
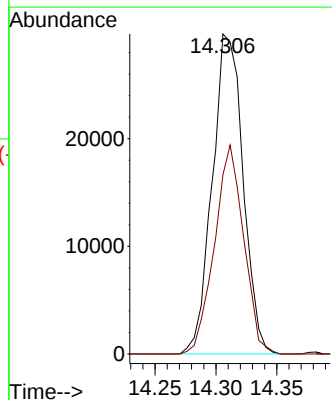
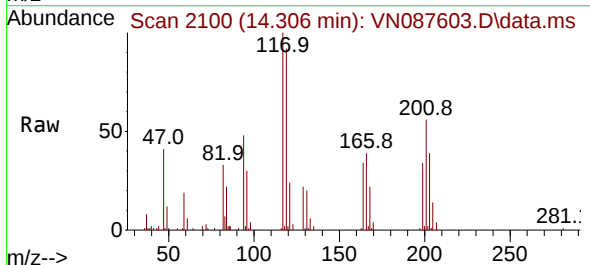
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

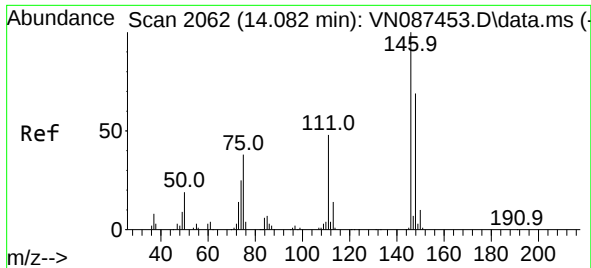
Tgt Ion: 91 Resp: 269017
Ion Ratio Lower Upper
91 100
92 52.1 0.0 106.6
134 22.8 0.0 44.4



#86
Hexachloroethane
Concen: 17.013 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 117 Resp: 52196
Ion Ratio Lower Upper
117 100
201 61.9 29.1 87.4

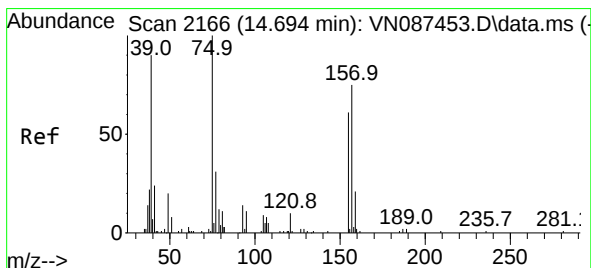
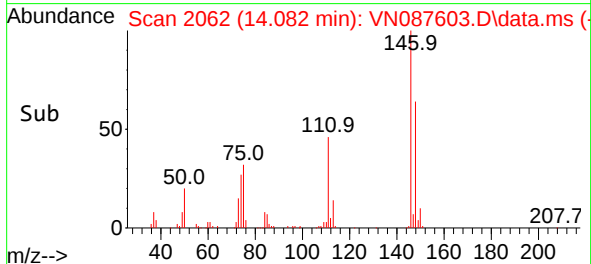
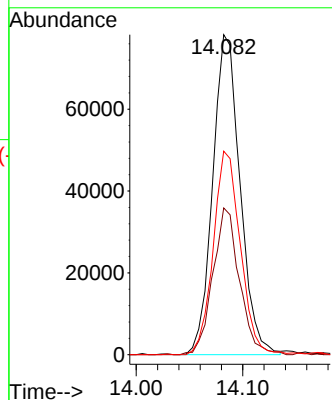
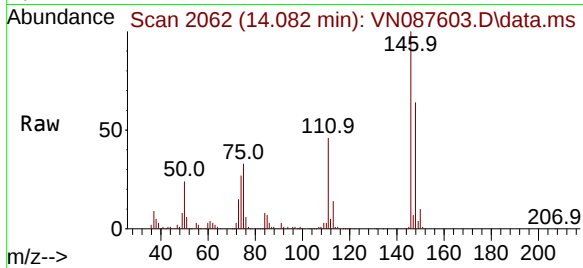




#87
1,2-Dichlorobenzene
Concen: 18.383 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

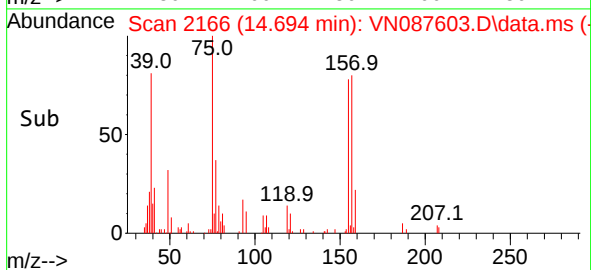
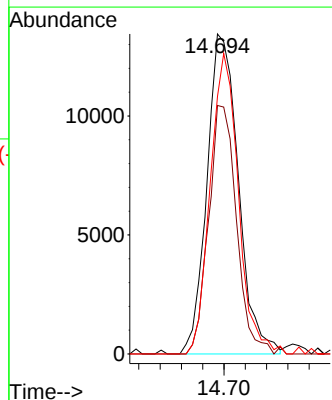
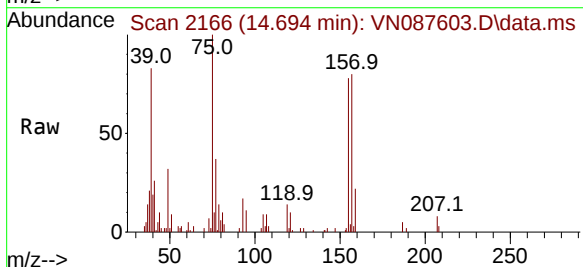
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

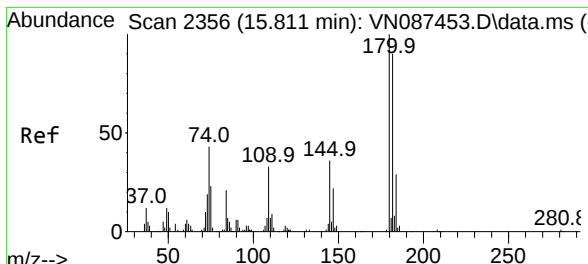
Tgt Ion:146 Resp: 139471
Ion Ratio Lower Upper
146 100
111 44.6 22.9 68.7
148 62.8 31.6 94.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.628 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion: 75 Resp: 27550
Ion Ratio Lower Upper
75 100
155 68.8 55.7 83.5
157 84.0 65.8 98.6

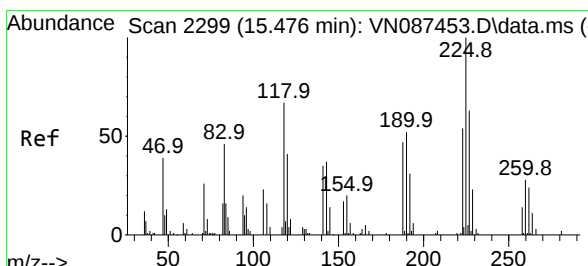
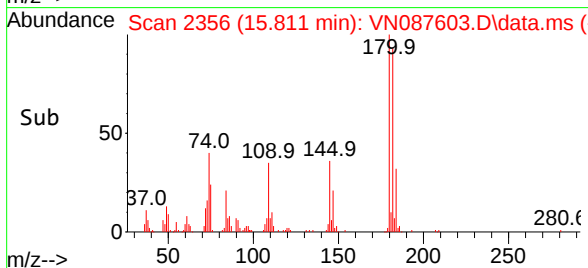
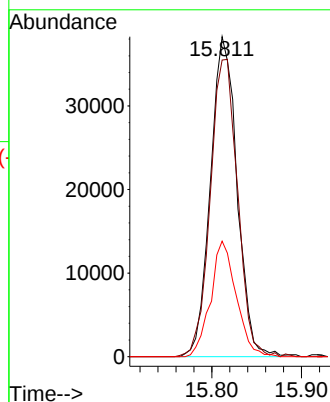
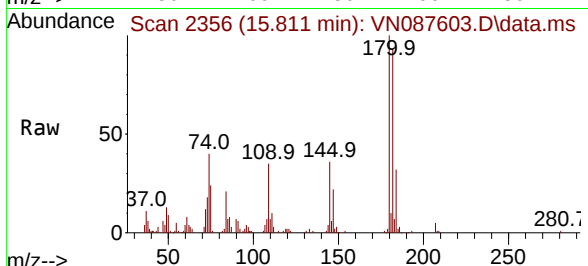




#89
1,2,4-Trichlorobenzene
Concen: 17.369 ug/l
RT: 15.811 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

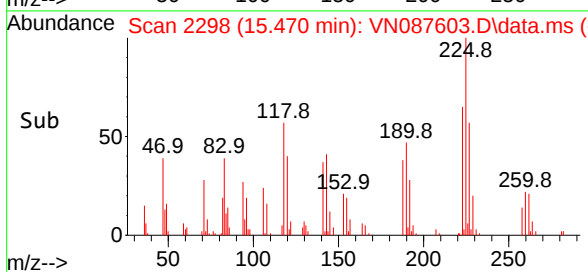
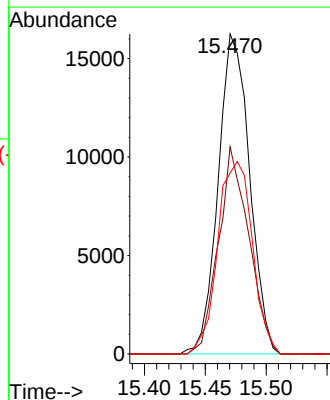
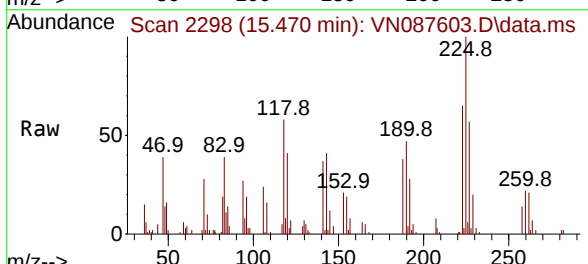
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

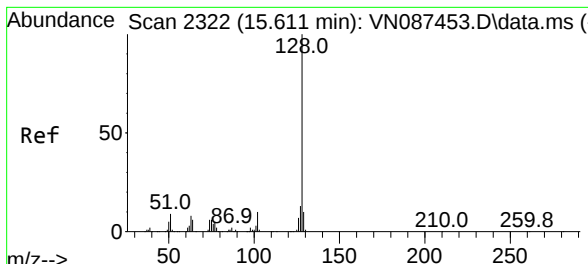
Tgt Ion:	180	Resp:	78757
Ion Ratio	Lower	Upper	
180	100		
182	95.1	75.0	112.4
145	34.9	28.6	43.0



#90
Hexachlorobutadiene
Concen: 16.550 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion:	225	Resp:	29180
Ion Ratio	Lower	Upper	
225	100		
223	62.7	0.0	116.0
227	66.4	0.0	127.0

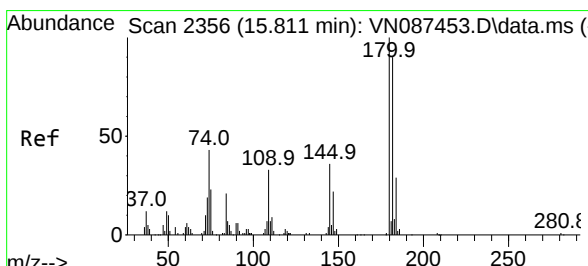
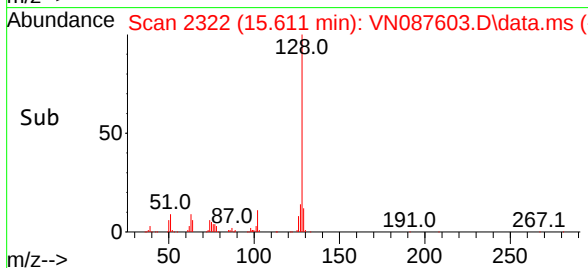
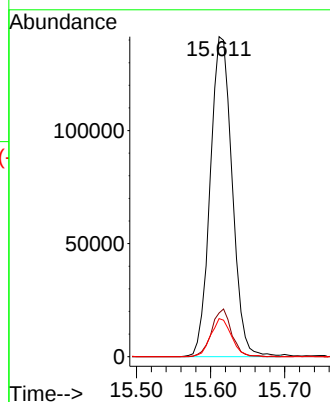
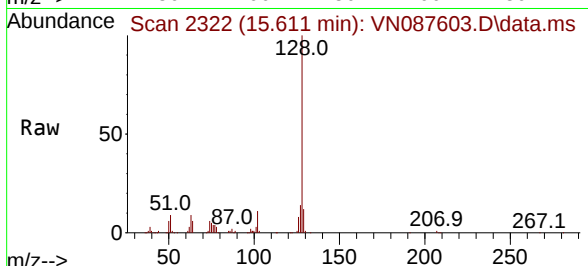




#91
Naphthalene
Concen: 16.839 ug/l
RT: 15.611 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:	128	Resp:	291130
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.2	15.4
129	11.2	8.9	13.3



#92
1,2,3-Trichlorobenzene
Concen: 17.369 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087603.D
Acq: 20 Aug 2025 08:58

Tgt Ion:	180	Resp:	78757
Ion Ratio	Lower	Upper	
180	100		
182	95.1	0.0	187.4
145	34.9	0.0	71.6

