

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
 Data File : VN087723.D
 Acq On : 04 Sep 2025 15:21
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Quant Time: Sep 05 02:21:57 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	7.794	128	42111	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	209761	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	194705	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	105547	27.174	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	90.567%#
60) 4-Bromofluorobenzene	12.823	95	95262	28.430	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.767%
63) Toluene-d8	10.547	98	270343	30.176	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	51486	18.726	ug/l	91
3) Chloromethane	2.383	50	53260	18.881	ug/l	96
4) Vinyl Chloride	2.536	62	58000	19.386	ug/l	98
5) Bromomethane	2.983	94	40951	25.287	ug/l	88
6) Chloroethane	3.136	64	43117	22.349	ug/l	91
7) Trichlorofluoromethane	3.512	101	92972	21.592	ug/l	98
8) Diethyl Ether	3.965	74	36803	20.516	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	53320	24.284	ug/l	90
10) 1,1-Dichloroethene	4.336	96	53150	23.045	ug/l	87
11) Methyl Iodide	4.583	142	25930	14.279	ug/l	93
12) Methyl Acetate	5.018	43	92717	21.784	ug/l	100
13) Acrolein	4.177	56	77597	119.369	ug/l	97
14) Acrylonitrile	5.706	53	172758	92.955	ug/l	99
15) Acetone	4.418	58	50531	95.158	ug/l	75
16) Carbon Disulfide	4.712	76	125505	17.543	ug/l	100
17) Allyl chloride	5.018	41	82620	17.575	ug/l	96
18) Methylene Chloride	5.265	84	57389	19.328	ug/l #	81
19) trans-1,2-Dichloroethene	5.777	96	51473	18.767	ug/l	95
20) Diisopropyl ether	6.659	45	196352	18.335	ug/l	96
21) 1,1-Dichloroethane	6.547	63	107573	19.433	ug/l	99
22) cis-1,2-Dichloroethene	7.471	96	62540	18.532	ug/l	98
23) tert-Butyl Alcohol	5.512	59	28636	36.260	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	185284	17.630	ug/l #	79
25) Chloroform	7.953	83	113358	19.618	ug/l	94
26) Cyclohexane	8.241	56	79919	18.032	ug/l #	97
29) 1,1-Dichloropropene	8.353	75	71782	20.981	ug/l	98
30) 2-Butanone	7.471	43	251215	99.616	ug/l #	95
31) 2,2-Dichloropropane	7.477	77	88783	20.121	ug/l	100
32) 1,1,1-Trichloroethane	8.147	97	95339	21.850	ug/l	97
33) Carbon Tetrachloride	8.347	117	77163	21.287	ug/l	94
34) Benzene	8.588	78	230901	21.380	ug/l	99
35) Methacrylonitrile	7.765	41	50964	18.727	ug/l	97
36) 1,2-Dichloroethane	8.653	62	88217	20.210	ug/l	99
37) Trichloroethene	9.330	130	53338	22.421	ug/l #	76
38) Methylcyclohexane	9.582	83	72850	18.355	ug/l	98
39) 1,2-Dichloropropane	9.600	63	60183	21.735	ug/l	96
40) Dibromomethane	9.688	93	45432	21.868	ug/l	98
41) Bromodichloromethane	9.871	83	92910	21.522	ug/l	98
42) Vinyl Acetate	6.594	43	776716	93.526	ug/l	99

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 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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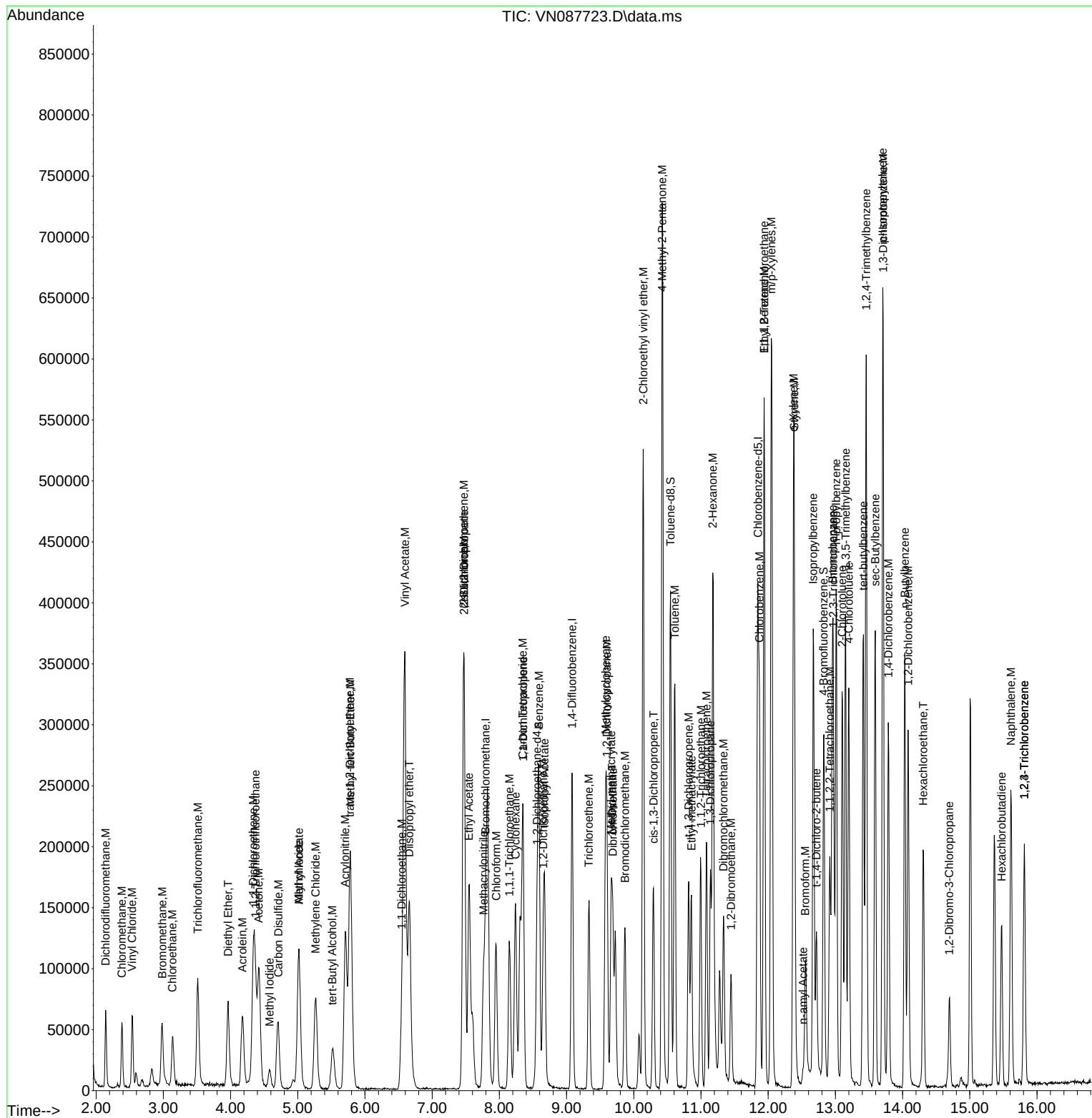
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43) Ethyl Acetate	7.547	43	96931	19.896	ug/l	100
44) Isopropyl Acetate	8.671	43	157951	19.126	ug/l	99
45) 1,4-Dioxane	9.677	88	18119	344.161	ug/l #	89
46) Methyl methacrylate	9.665	41	74792	19.186	ug/l	98
47) n-amyl Acetate	12.518	43	6583	1.443	ug/l #	57
48) t-1,3-Dichloropropene	10.818	75	91435	19.468	ug/l	97
49) cis-1,3-Dichloropropene	10.294	75	94752	20.047	ug/l	90
50) 1,1,2-Trichloroethane	11.000	97	58762	22.387	ug/l	99
51) Ethyl methacrylate	10.859	69	85505	18.496	ug/l	89
52) 1,3-Dichloropropane	11.141	76	100640	21.281	ug/l	97
53) Dibromochloromethane	11.335	129	67293	22.199	ug/l	96
54) 1,2-Dibromoethane	11.447	107	59165	21.233	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	226909	93.240	ug/l	99
56) Bromoform	12.553	173	40935	20.416	ug/l	99
58) 4-Methyl-2-Pentanone	10.424	43	509673	101.757	ug/l	99
59) 2-Hexanone	11.176	43	322095	94.645	ug/l	98
61) Tetrachloroethene	11.082	164	42539	22.426	ug/l	91
62) Toluene	10.612	91	246003	20.471	ug/l	99
64) Chlorobenzene	11.871	112	153070	20.730	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	56409	21.728	ug/l	98
66) Ethyl Benzene	11.941	91	261043	19.489	ug/l	98
67) m/p-Xylenes	12.047	106	193984	39.456	ug/l	100
68) o-Xylene	12.376	106	96487	19.948	ug/l	93
69) Styrene	12.388	104	164210	19.883	ug/l	97
70) Isopropylbenzene	12.671	105	240721	19.589	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.918	83	91191	21.658	ug/l	96
72) 1,2,3-Trichloropropane	12.970	75	119495	30.465	ug/l	53
73) Bromobenzene	12.959	156	59076	20.738	ug/l	98
74) n-propylbenzene	13.012	91	311880	20.322	ug/l	99
75) 2-Chlorotoluene	13.100	91	186992	19.808	ug/l	97
76) 1,3,5-Trimethylbenzene	13.153	105	210137	19.972	ug/l	98
77) t-1,4-Dichloro-2-butene	12.718	75	27859	18.763	ug/l	95
78) 4-Chlorotoluene	13.200	91	191634	20.031	ug/l	100
79) tert-butylbenzene	13.418	119	176182	19.861	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	215522	20.499	ug/l	99
81) sec-Butylbenzene	13.594	105	257489	19.938	ug/l	99
82) p-Isopropyltoluene	13.706	119	212506	19.818	ug/l	98
83) 1,3-Dichlorobenzene	13.712	146	119016	21.940	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	121344	22.064	ug/l	95
85) n-Butylbenzene	14.035	91	204421	19.485	ug/l	98
86) Hexachloroethane	14.306	117	43724	20.881	ug/l	100
87) 1,2-Dichlorobenzene	14.082	146	116301	22.460	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	20419	19.144	ug/l	95
89) 1,2,4-Trichlorobenzene	15.811	180	63971	20.672	ug/l	96
90) Hexachlorobutadiene	15.476	225	21826	18.138	ug/l	93
91) Naphthalene	15.611	128	219921	18.638	ug/l	98
92) 1,2,3-Trichlorobenzene	15.811	180	63971	20.672	ug/l	96

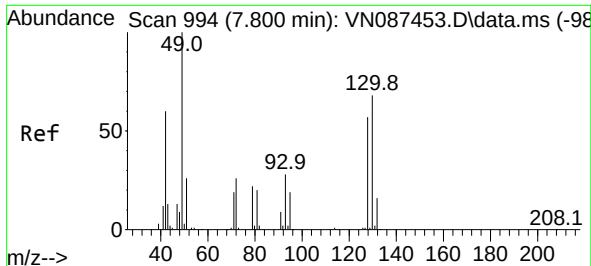
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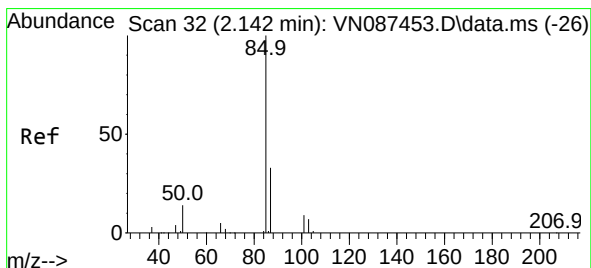
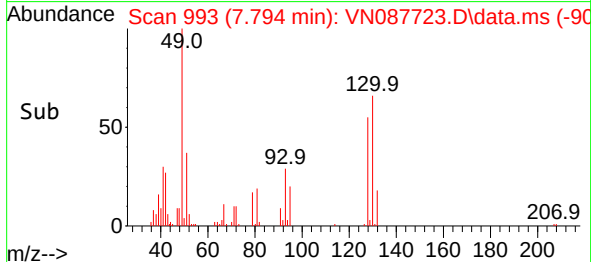
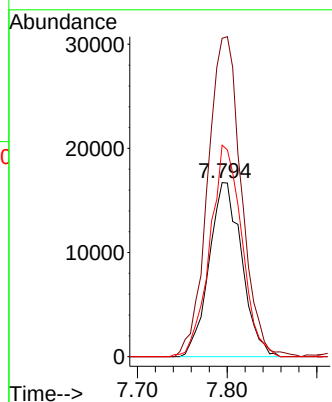
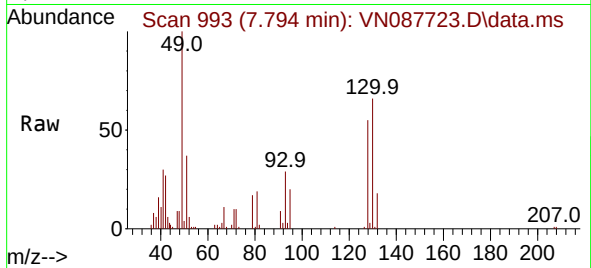




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

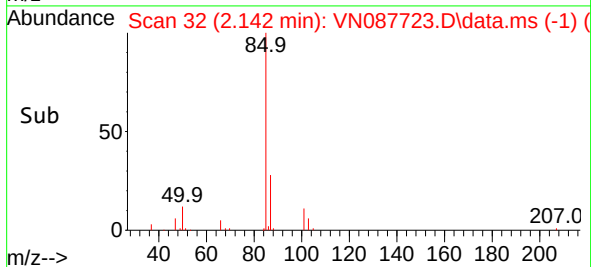
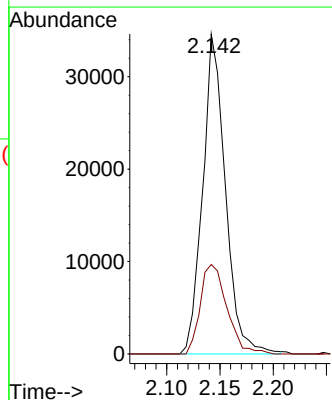
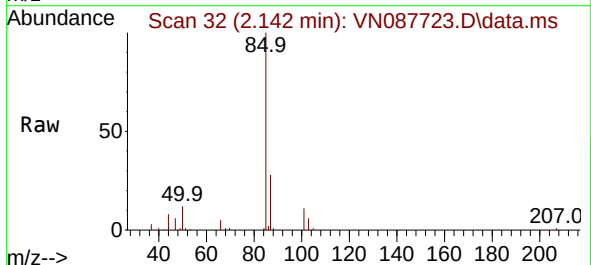
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VSTDCCC020EC

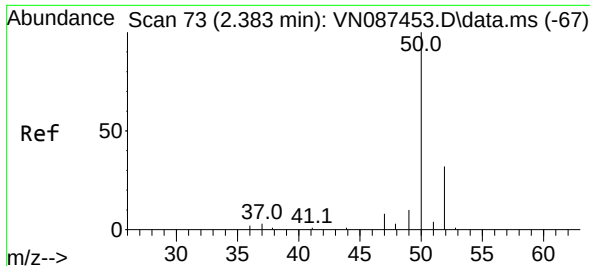
Tgt Ion:128 Resp: 42111
Ion Ratio Lower Upper
128 100
49 190.1 0.0 494.8
130 119.3 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 18.726 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 85 Resp: 51486
Ion Ratio Lower Upper
85 100
87 28.0 16.4 49.2

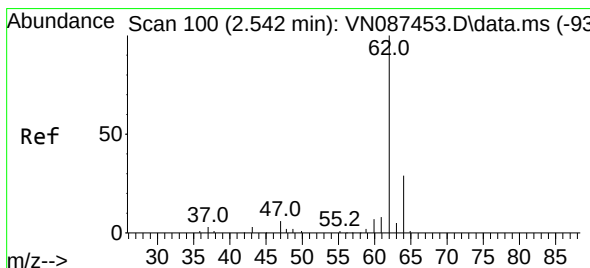
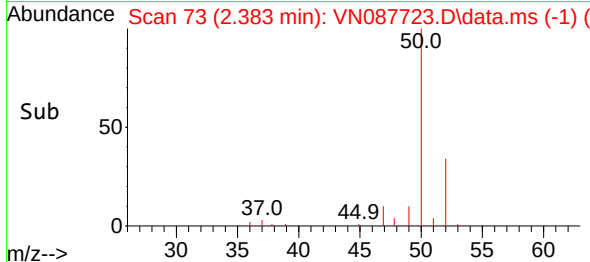
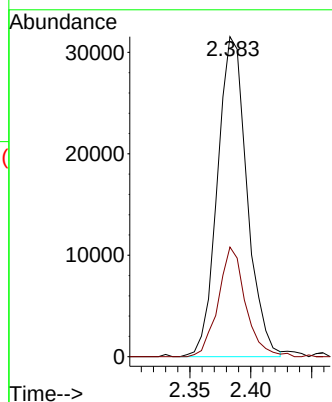
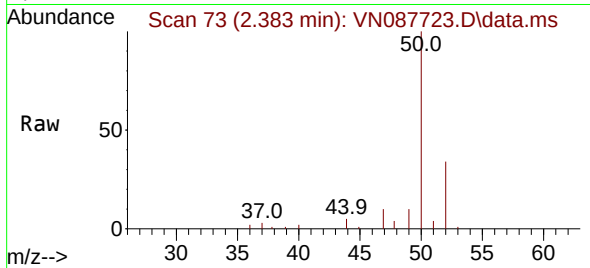




#3
Chloromethane
Concen: 18.881 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

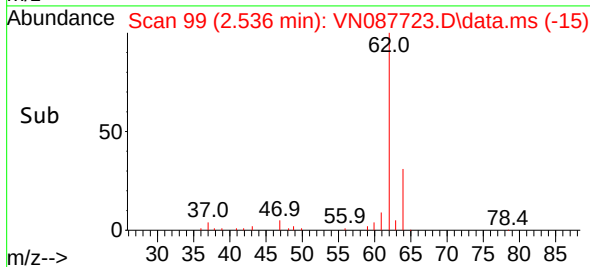
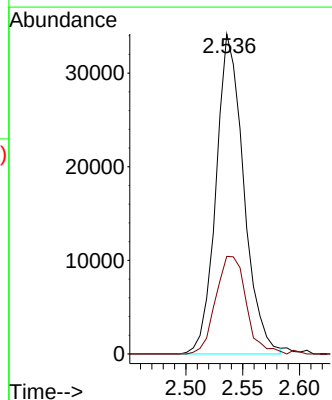
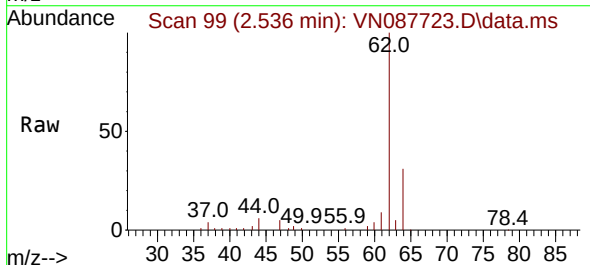
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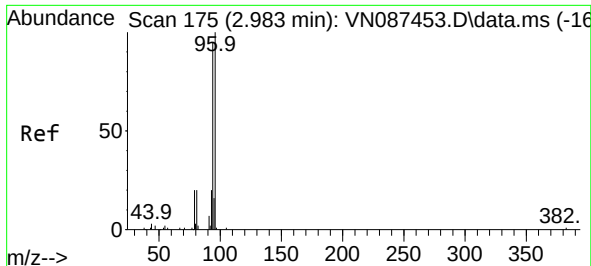
Tgt Ion: 50 Resp: 53260
Ion Ratio Lower Upper
50 100
52 34.2 25.8 38.6



#4
Vinyl Chloride
Concen: 19.386 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 62 Resp: 58000
Ion Ratio Lower Upper
62 100
64 30.5 23.4 35.2

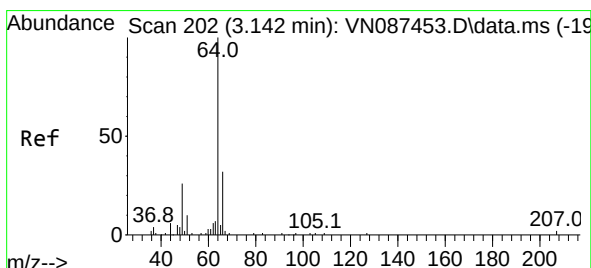
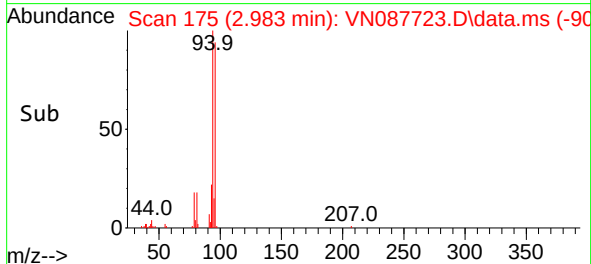
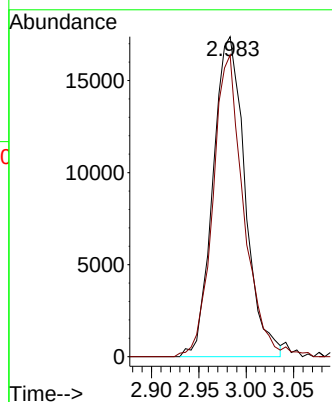
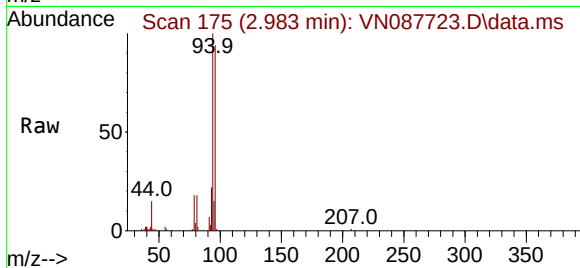




#5
Bromomethane
Concen: 25.287 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

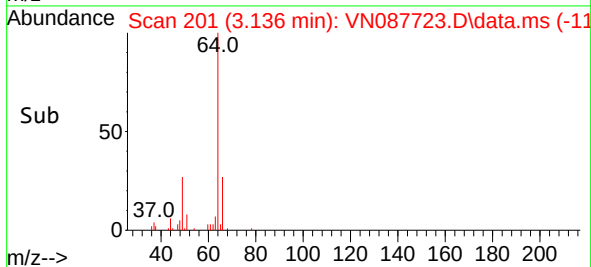
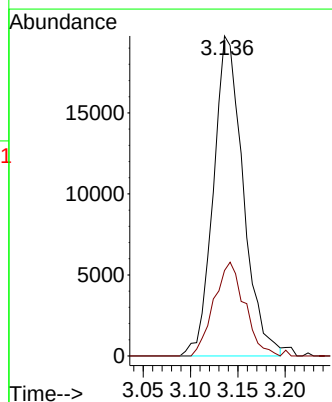
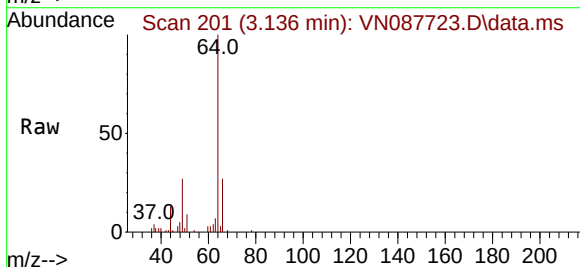
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VSTDCCC020EC

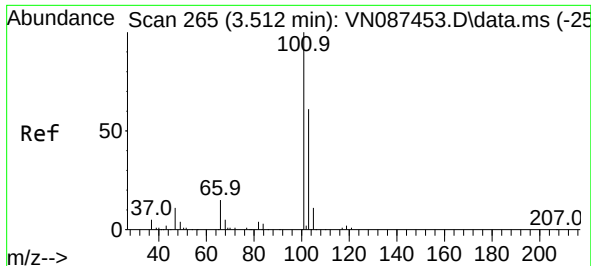
Tgt Ion: 94 Resp: 40951
Ion Ratio Lower Upper
94 100
96 93.1 84.2 126.4



#6
Chloroethane
Concen: 22.349 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 64 Resp: 43117
Ion Ratio Lower Upper
64 100
66 26.7 25.4 38.0

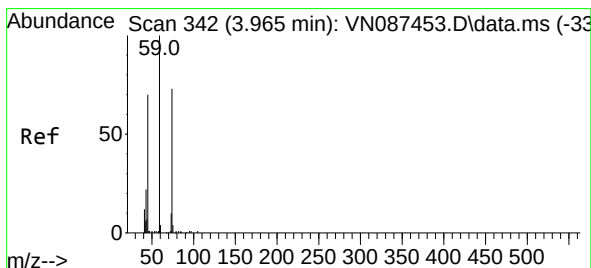
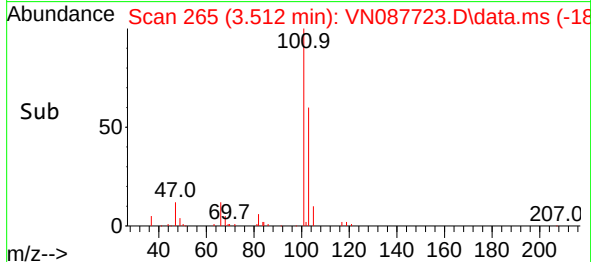
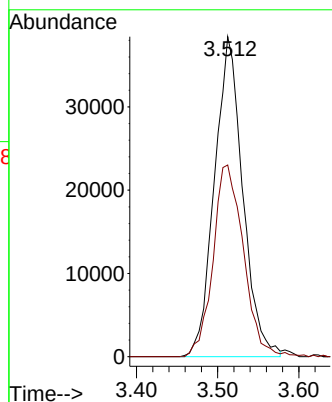
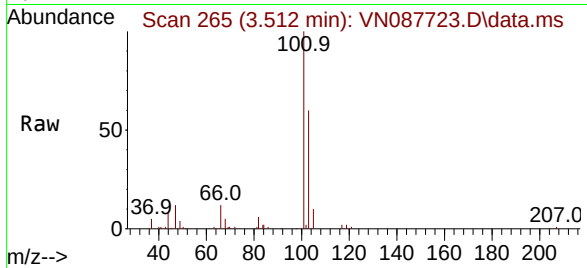




#7
 Trichlorofluoromethane
 Concen: 21.592 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.000 min
 Lab File: VN087723.D
 Acq: 04 Sep 2025 15:21

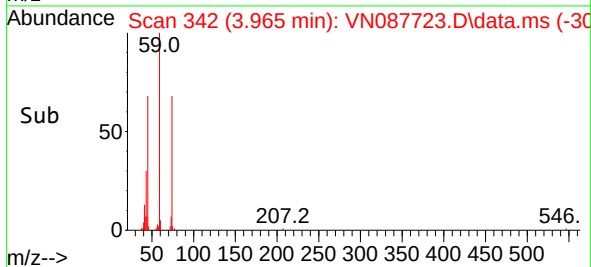
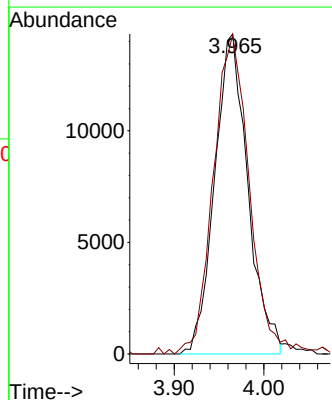
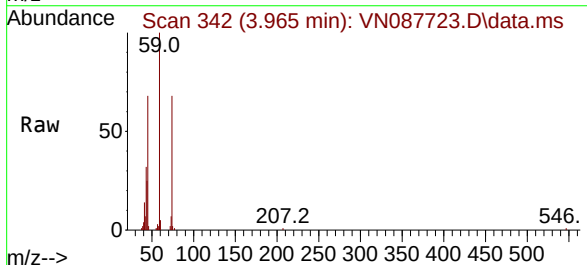
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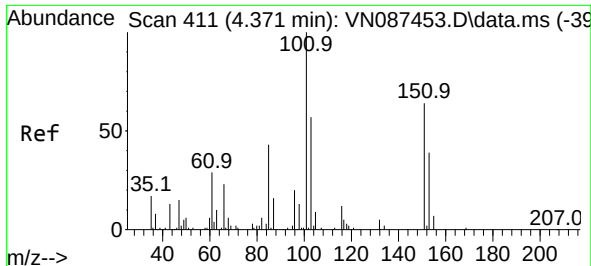
Tgt Ion:101 Resp: 92972
 Ion Ratio Lower Upper
 101 100
 103 59.9 49.2 73.8



#8
 Diethyl Ether
 Concen: 20.516 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN087723.D
 Acq: 04 Sep 2025 15:21

Tgt Ion: 74 Resp: 36803
 Ion Ratio Lower Upper
 74 100
 45 107.0 20.1 180.9

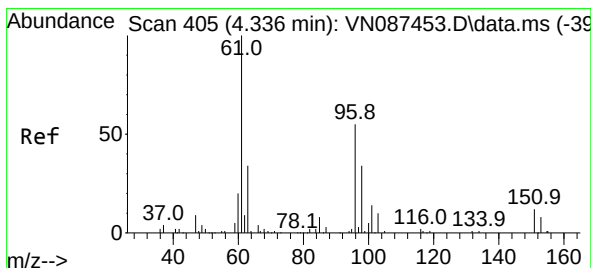
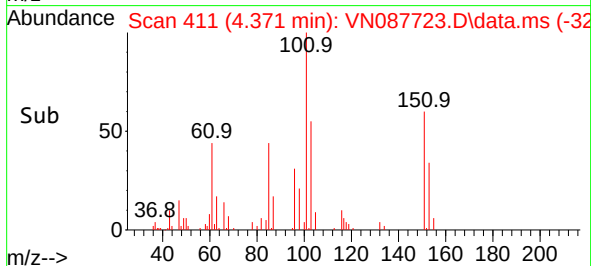
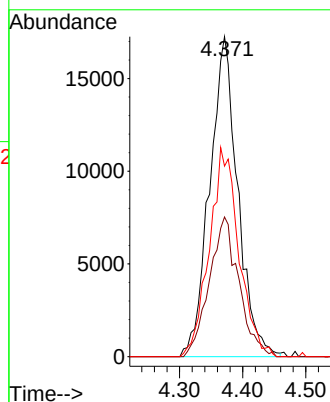
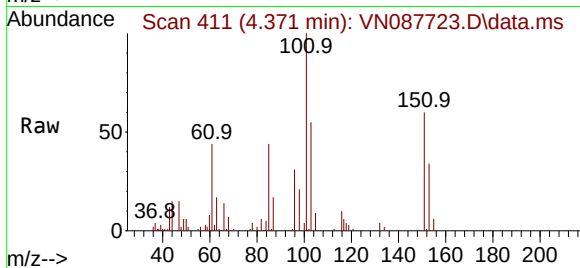




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 24.284 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN087723.D
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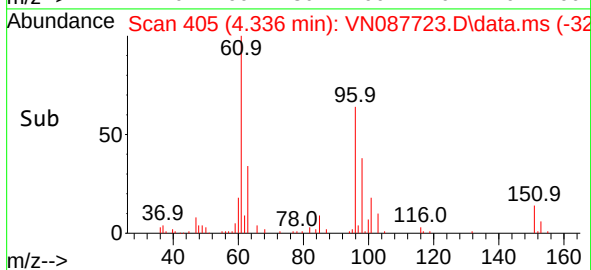
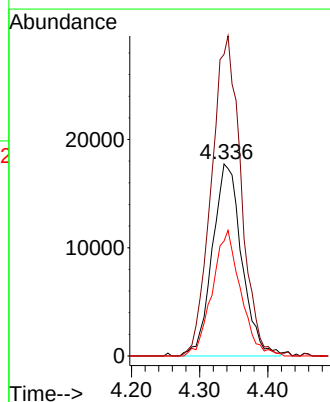
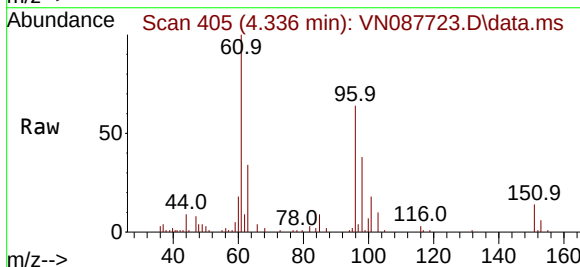
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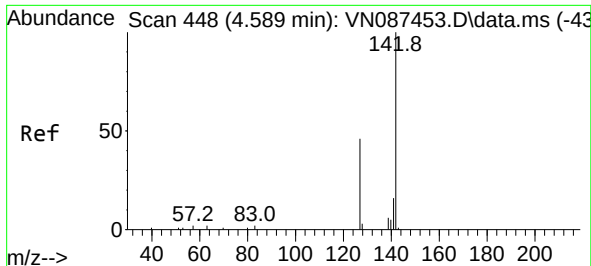
Tgt Ion:101 Resp: 53320
 Ion Ratio Lower Upper
 101 100
 85 45.8 0.0 57.0
 151 67.9 0.0 134.2



#10
 1,1-Dichloroethene
 Concen: 23.045 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VN087723.D
 Acq: 04 Sep 2025 15:21

Tgt Ion: 96 Resp: 53150
 Ion Ratio Lower Upper
 96 100
 61 157.1 144.2 216.4
 98 59.8 49.7 74.5

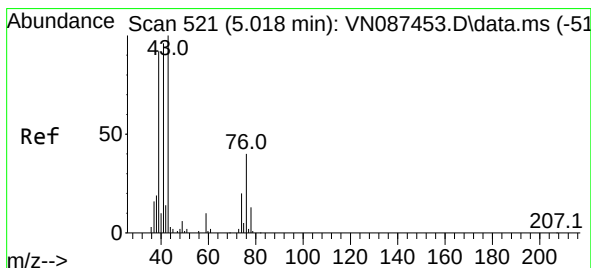
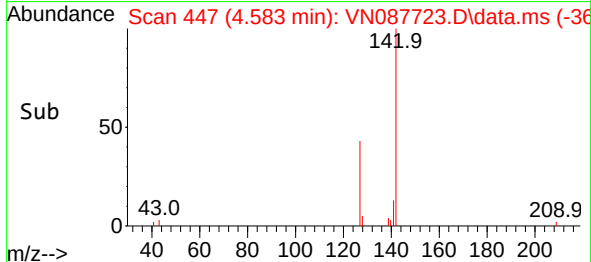
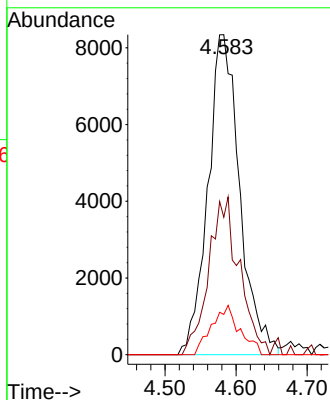
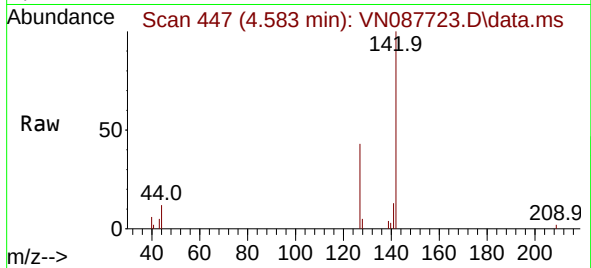




#11
Methyl Iodide
Concen: 14.279 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

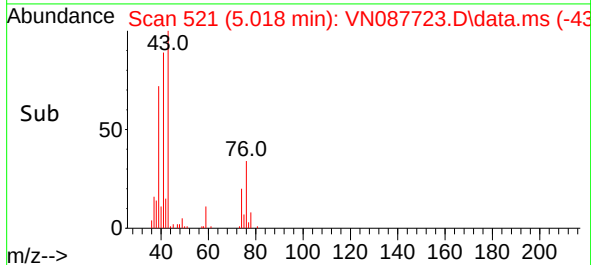
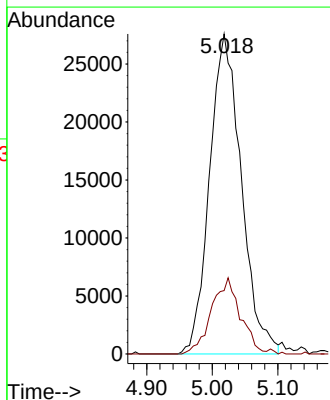
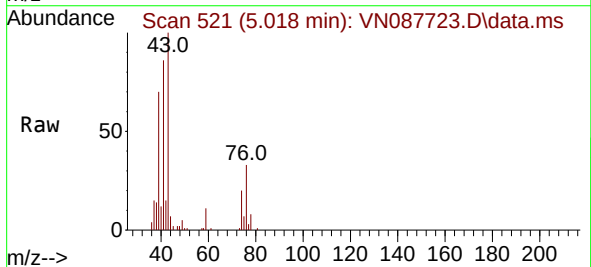
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

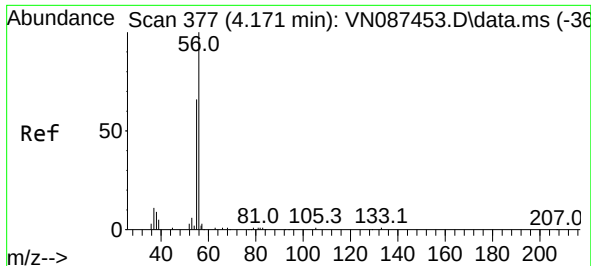
Tgt Ion:142 Resp: 25930
Ion Ratio Lower Upper
142 100
127 40.7 22.9 68.7
141 12.7 7.7 23.1



#12
Methyl Acetate
Concen: 21.784 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 43 Resp: 92717
Ion Ratio Lower Upper
43 100
74 20.1 16.0 24.0

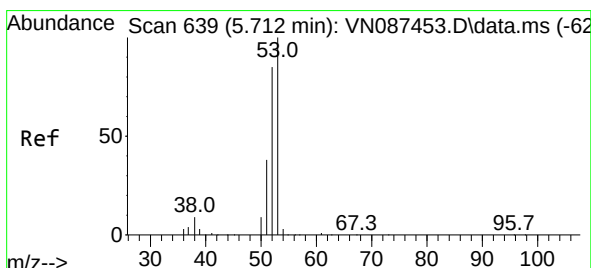
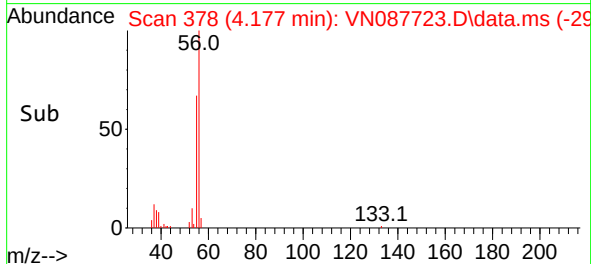
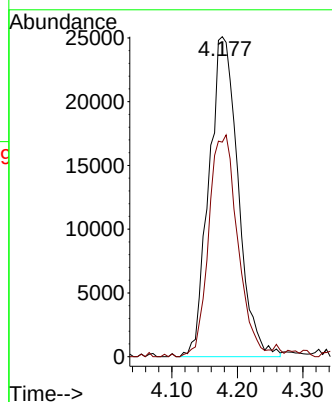
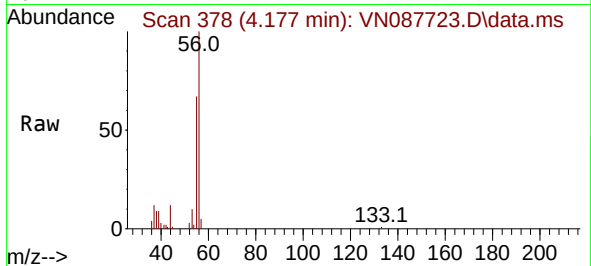




#13
Acrolein
Concen: 119.369 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

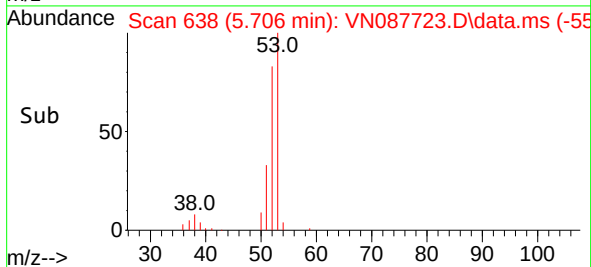
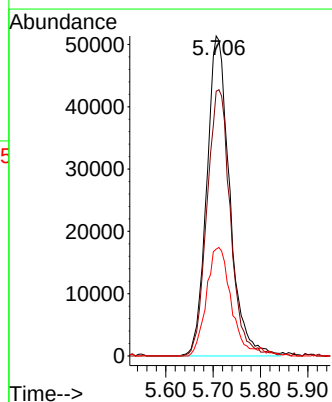
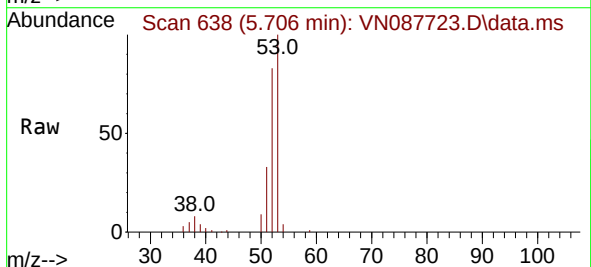
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

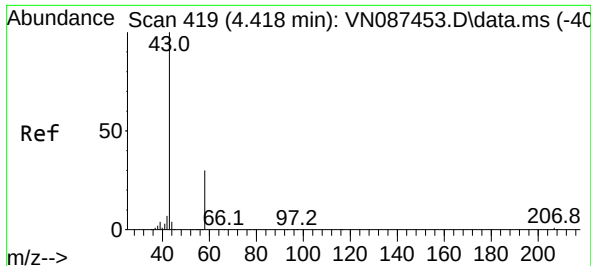
Tgt Ion: 56 Resp: 77597
Ion Ratio Lower Upper
56 100
55 68.8 57.4 86.0



#14
Acrylonitrile
Concen: 92.955 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 53 Resp: 172758
Ion Ratio Lower Upper
53 100
52 84.6 42.4 127.2
51 35.9 18.5 55.5

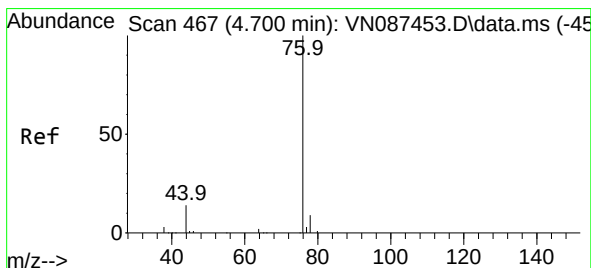
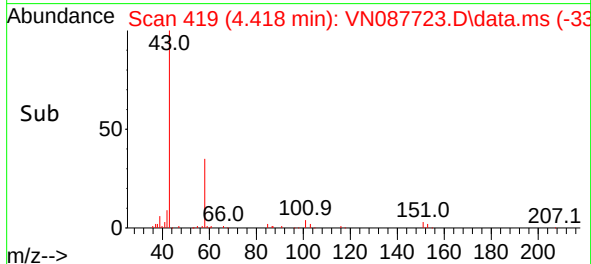
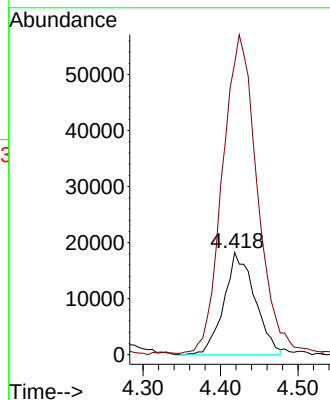
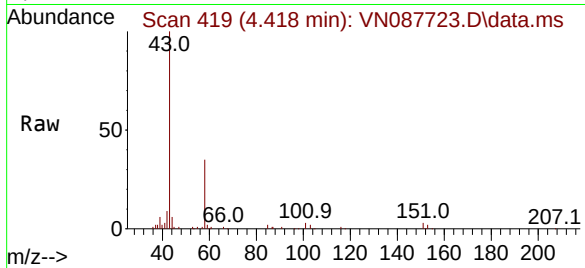




#15
Acetone
Concen: 95.158 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

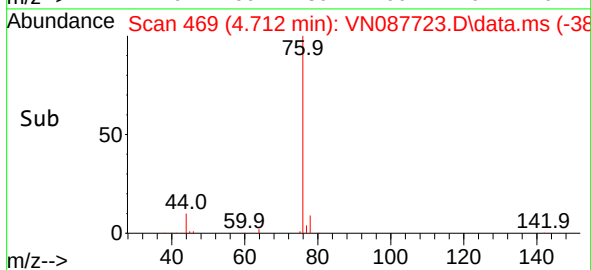
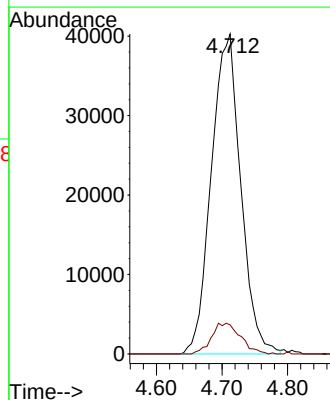
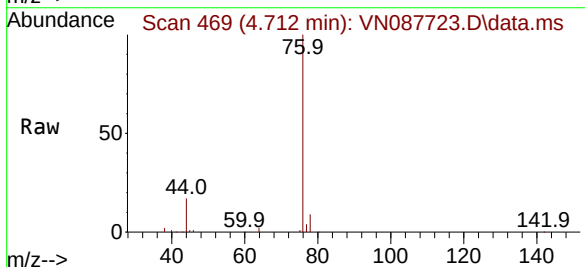
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

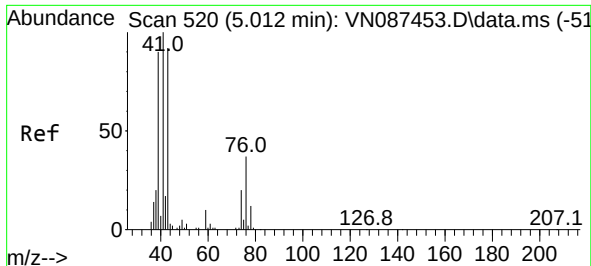
Tgt Ion: 58 Resp: 50531
Ion Ratio Lower Upper
58 100
43 283.2 268.9 403.3



#16
Carbon Disulfide
Concen: 17.543 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 76 Resp: 125505
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7





#17

Allyl chloride

Concen: 17.575 ug/l

RT: 5.018 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN087723.D

Acq: 04 Sep 2025 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

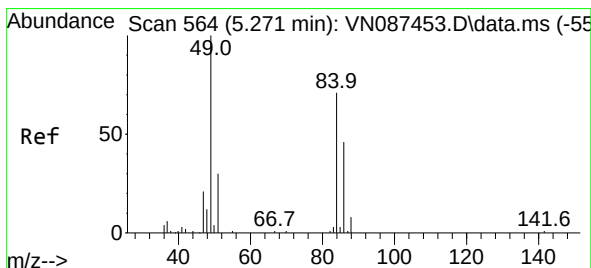
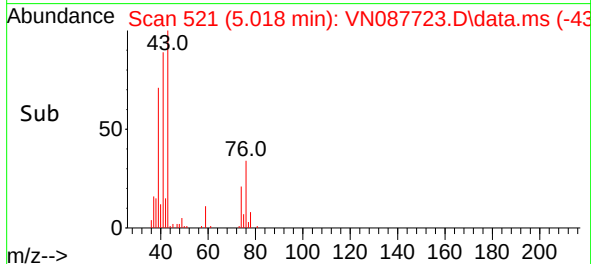
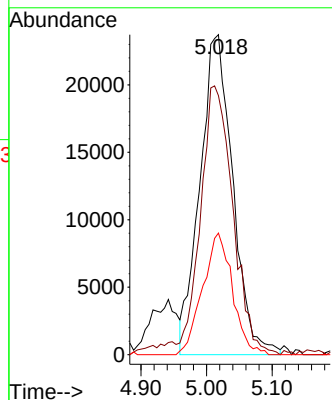
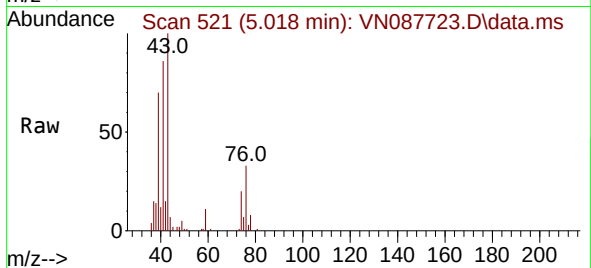
Tgt Ion: 41 Resp: 82620

Ion Ratio Lower Upper

41 100

39 82.2 42.4 127.2

76 38.6 16.9 50.6



#18

Methylene Chloride

Concen: 19.328 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.006 min

Lab File: VN087723.D

Acq: 04 Sep 2025 15:21

Tgt Ion: 84 Resp: 57389

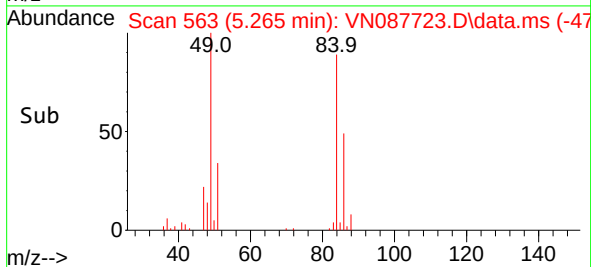
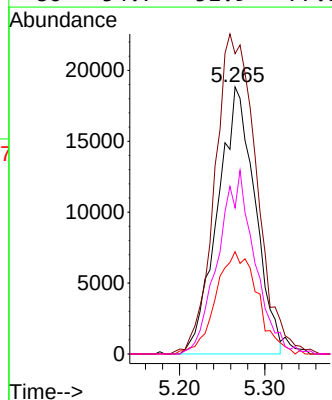
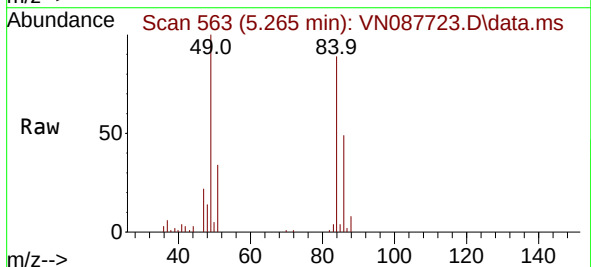
Ion Ratio Lower Upper

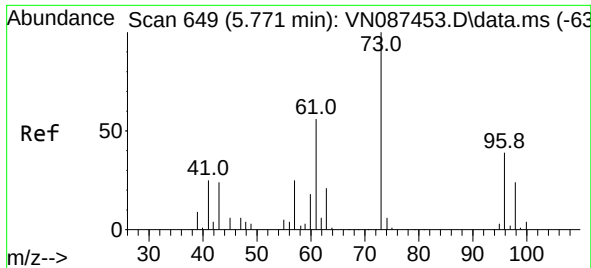
84 100

49 110.6 112.9 169.3#

51 37.1 33.8 50.8

86 54.7 51.9 77.9

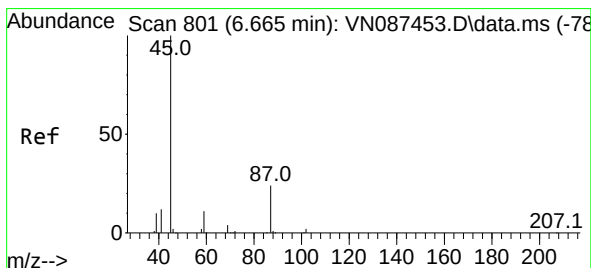
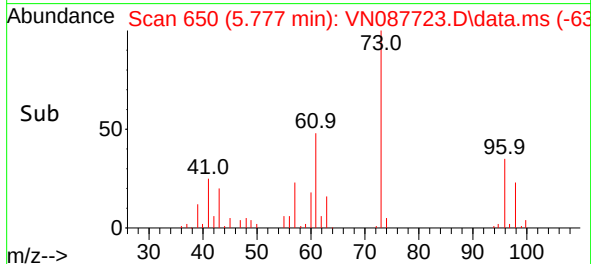
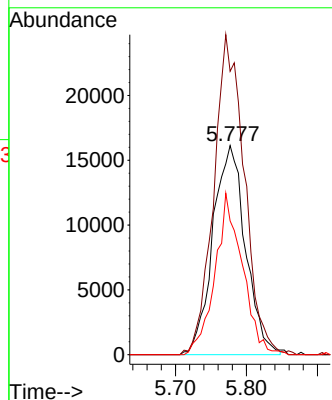
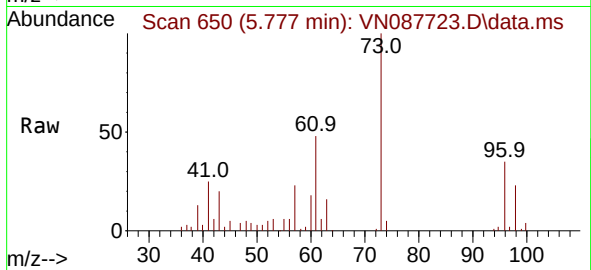




#19
trans-1,2-Dichloroethene
Concen: 18.767 ug/l
RT: 5.777 min Scan# 614
Delta R.T. 0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

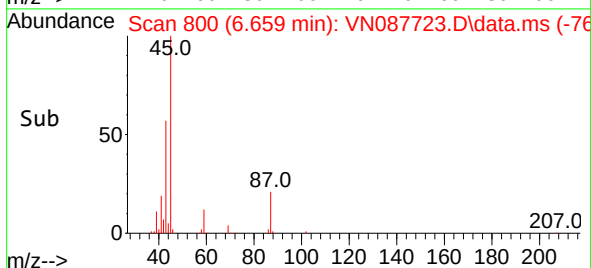
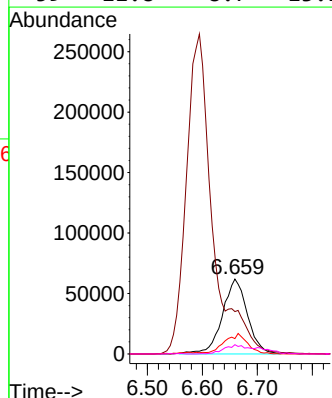
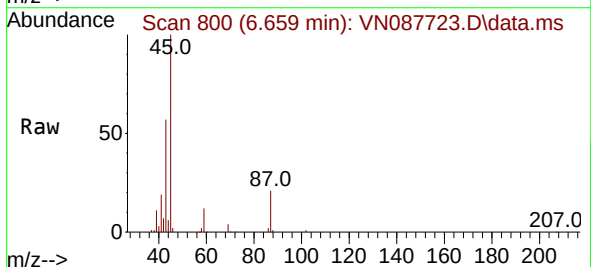
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

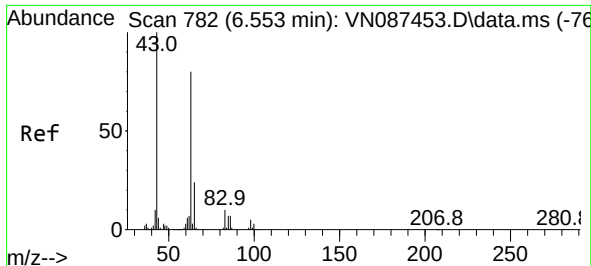
Tgt Ion: 96 Resp: 51473
Ion Ratio Lower Upper
96 100
61 135.5 114.2 171.4
98 64.0 48.7 73.1



#20
Diisopropyl ether
Concen: 18.335 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 45 Resp: 196352
Ion Ratio Lower Upper
45 100
43 54.6 44.7 67.1
87 20.7 20.2 30.2
59 11.8 8.7 13.1





#21

1,1-Dichloroethane

Concen: 19.433 ug/l

RT: 6.547 min Scan# 781

Delta R.T. -0.006 min

Lab File: VN087723.D

Acq: 04 Sep 2025 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

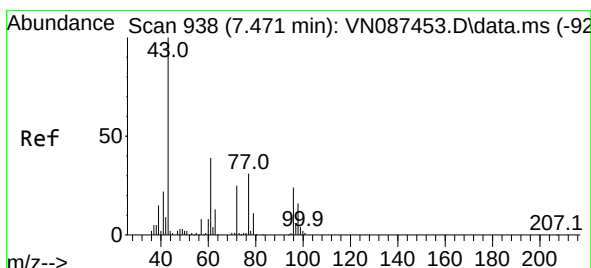
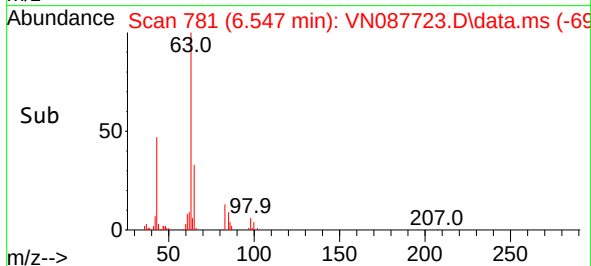
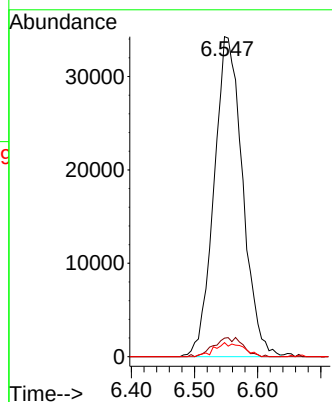
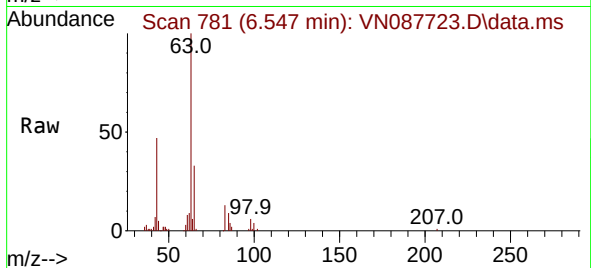
Tgt Ion: 63 Resp: 107573

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.0

100 4.4 1.9 5.7



#22

cis-1,2-Dichloroethene

Concen: 18.532 ug/l

RT: 7.471 min Scan# 938

Delta R.T. 0.000 min

Lab File: VN087723.D

Acq: 04 Sep 2025 15:21

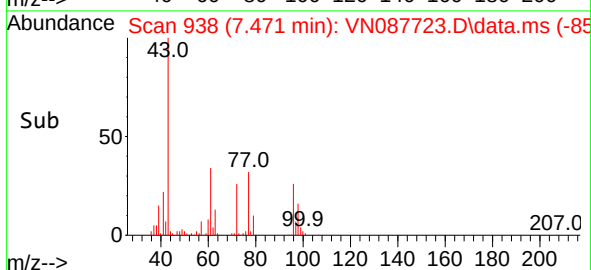
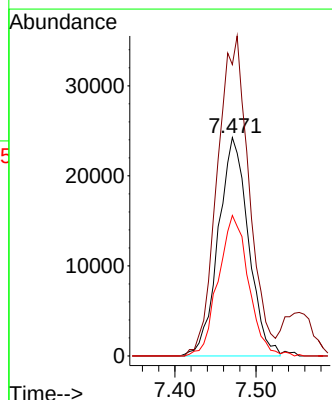
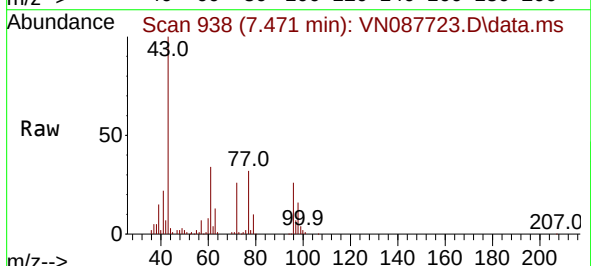
Tgt Ion: 96 Resp: 62540

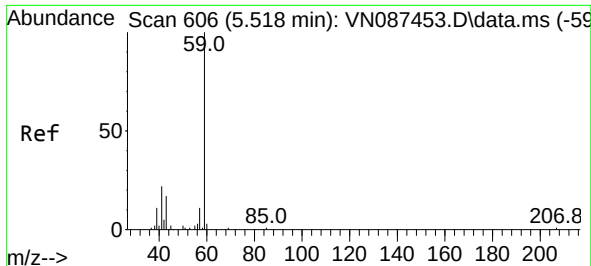
Ion Ratio Lower Upper

96 100

61 154.5 126.6 190.0

98 64.2 50.9 76.3

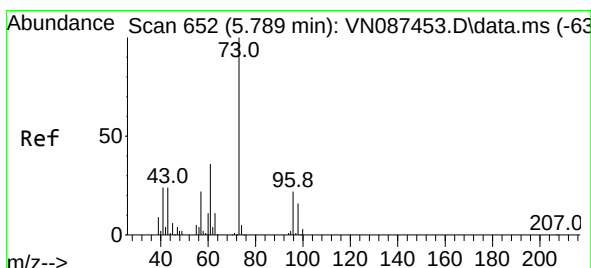
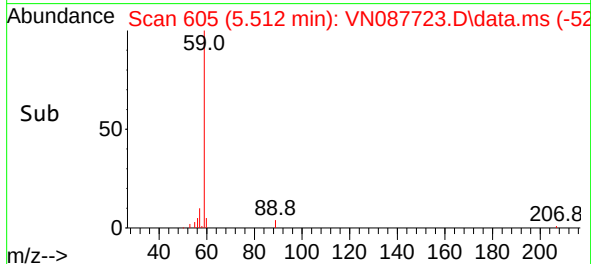
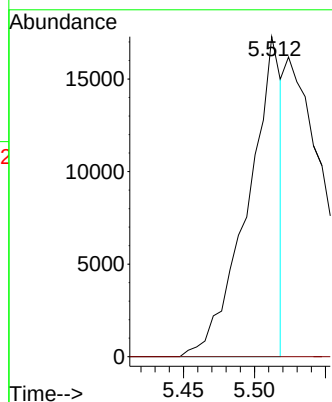
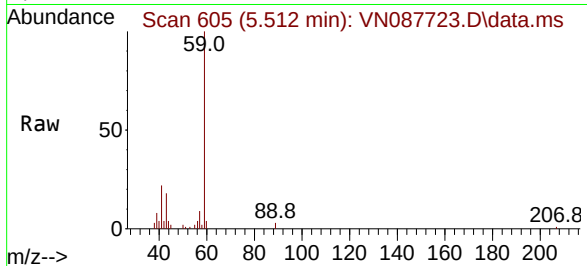




#23
tert-Butyl Alcohol
Concen: 36.260 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

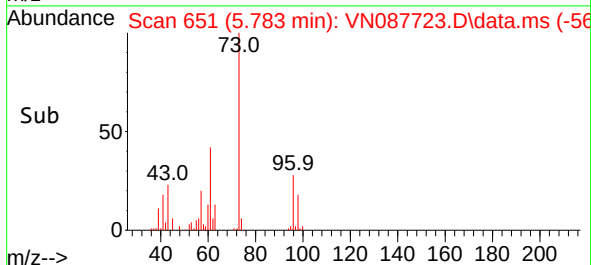
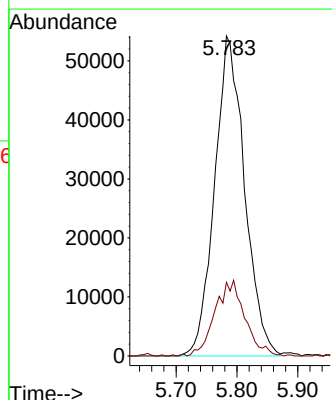
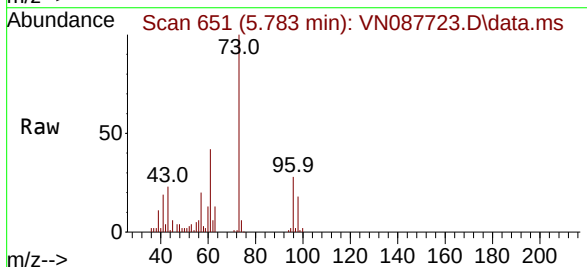
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

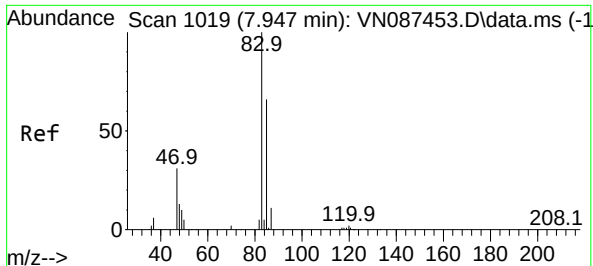
Tgt Ion: 59 Resp: 28636
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 17.630 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 73 Resp: 185284
Ion Ratio Lower Upper
73 100
43 14.4 19.9 29.9#





#25

Chloroform

Concen: 19.618 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VN087723.D

Acq: 04 Sep 2025 15:21

Instrument :

MSVOA_N

ClientSampleId :

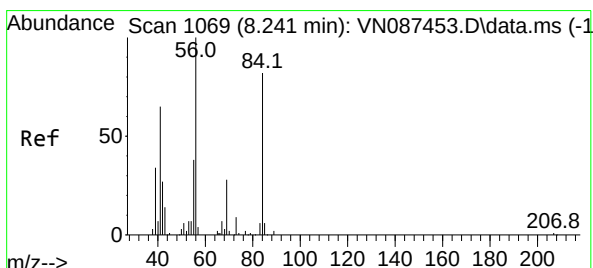
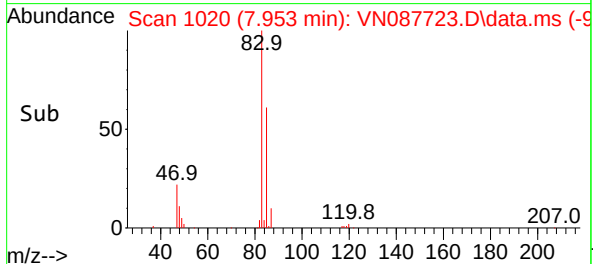
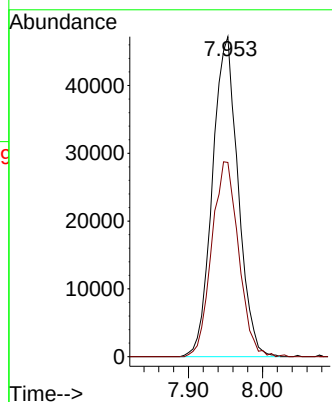
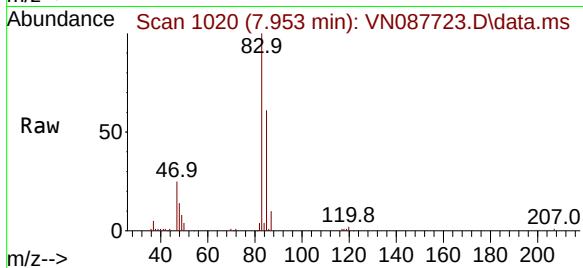
VSTDCCC020EC

Tgt Ion: 83 Resp: 113358

Ion Ratio Lower Upper

83 100

85 60.7 52.6 78.8



#26

Cyclohexane

Concen: 18.032 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087723.D

Acq: 04 Sep 2025 15:21

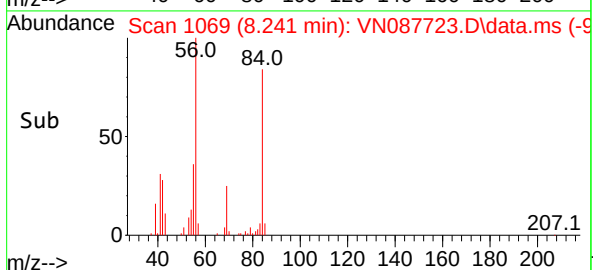
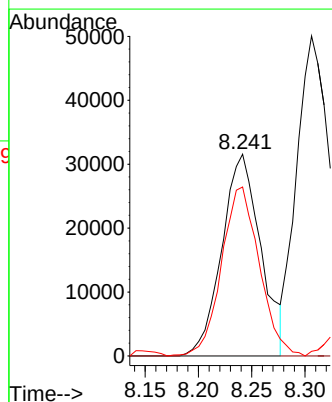
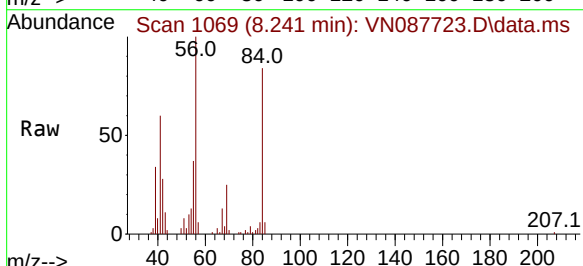
Tgt Ion: 56 Resp: 79919

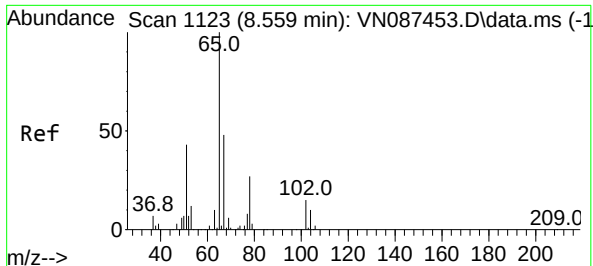
Ion Ratio Lower Upper

56 100

89 0.0 2.3 3.5#

84 81.5 67.0 100.4





#27

1,2-Dichloroethane-d4

Concen: 27.174 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087723.D

Acq: 04 Sep 2025 15:21

Instrument :

MSVOA_N

ClientSampleId :

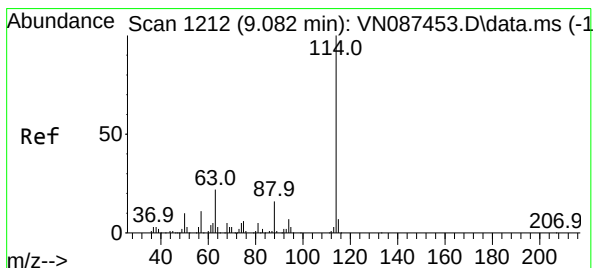
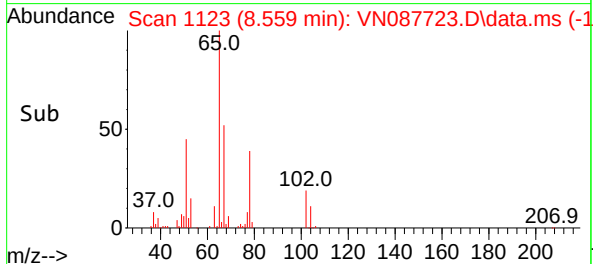
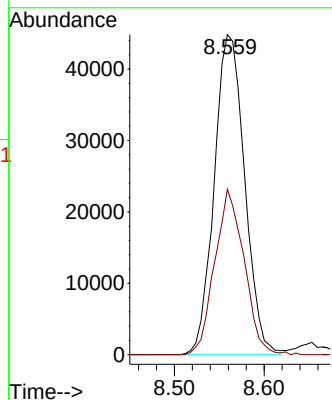
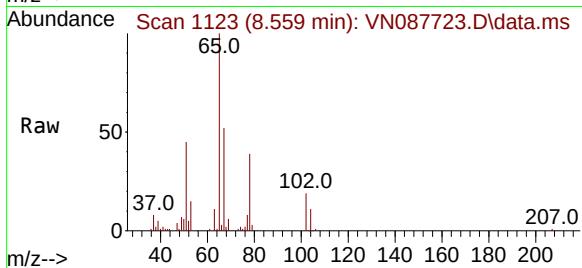
VSTDCCC020EC

Tgt Ion: 65 Resp: 105547

Ion Ratio Lower Upper

65 100

67 49.8 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: VN087723.D

Acq: 04 Sep 2025 15:21

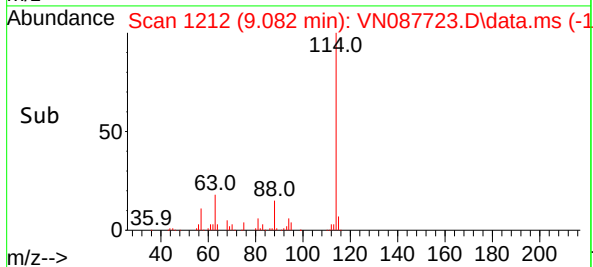
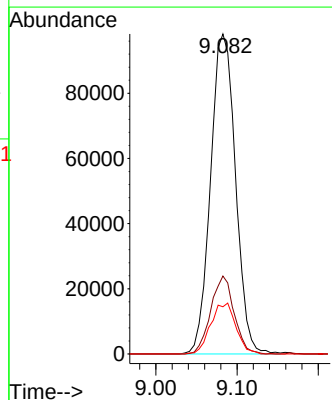
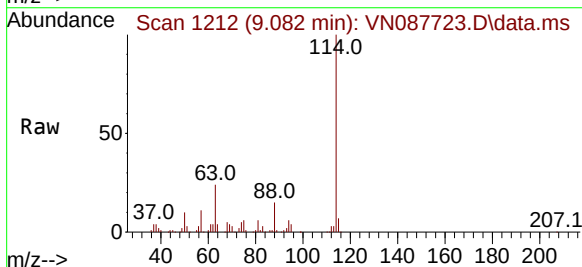
Tgt Ion: 114 Resp: 209761

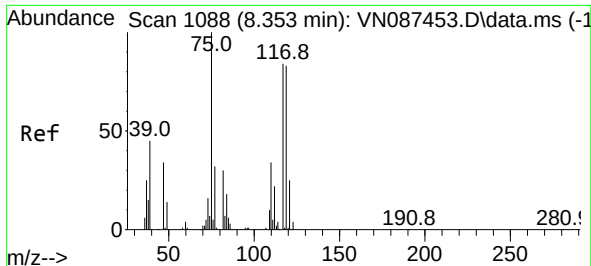
Ion Ratio Lower Upper

114 100

63 22.8 18.9 28.3

88 16.0 13.1 19.7

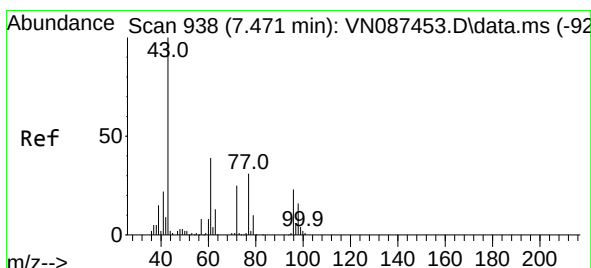
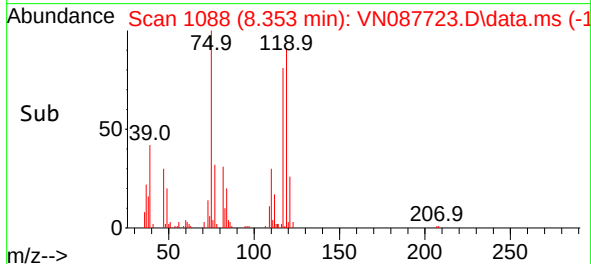
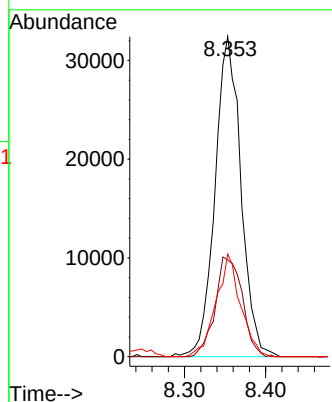
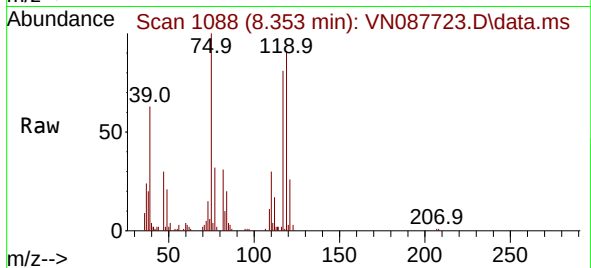




#29
1,1-Dichloropropene
Concen: 20.981 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

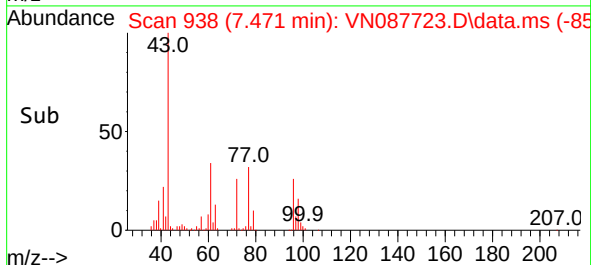
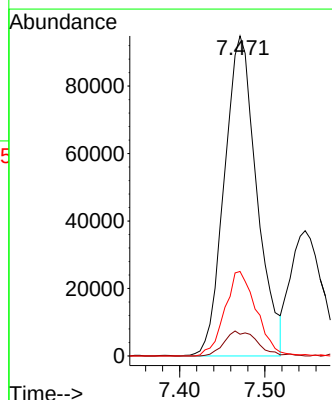
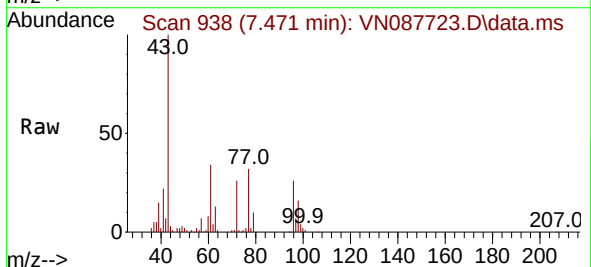
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

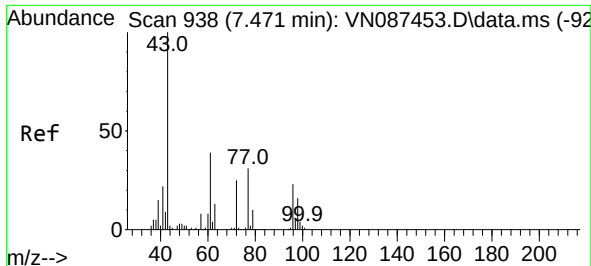
Tgt Ion: 75 Resp: 71782
Ion Ratio Lower Upper
75 100
110 32.5 0.0 65.8
77 30.4 0.0 63.6



#30
2-Butanone
Concen: 99.616 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 43 Resp: 251215
Ion Ratio Lower Upper
43 100
57 4.1 6.6 9.8#
72 25.8 19.7 29.5

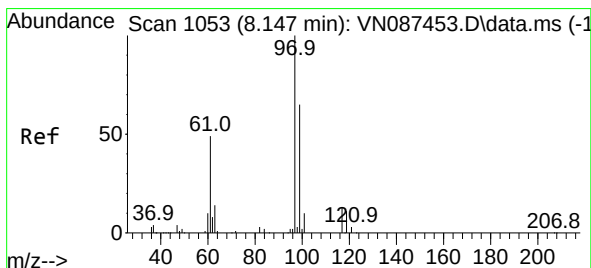
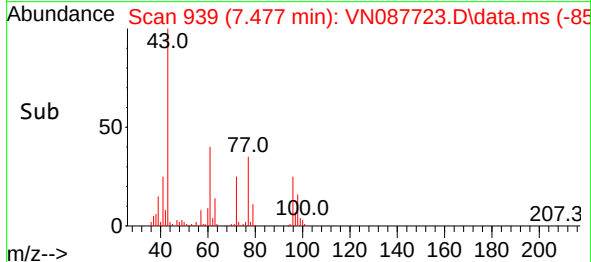
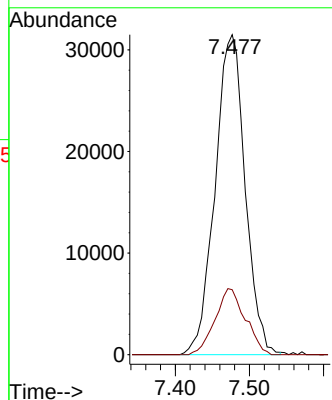
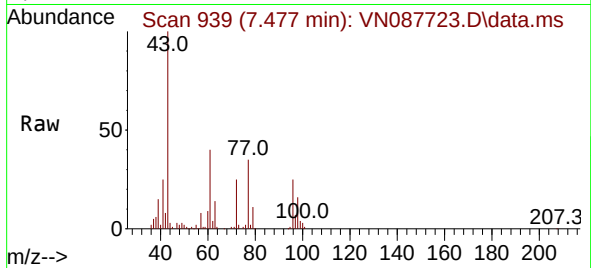




#31
2,2-Dichloropropane
Concen: 20.121 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

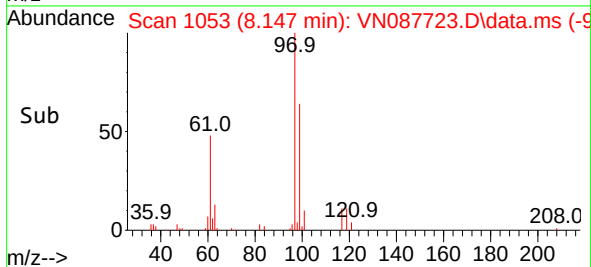
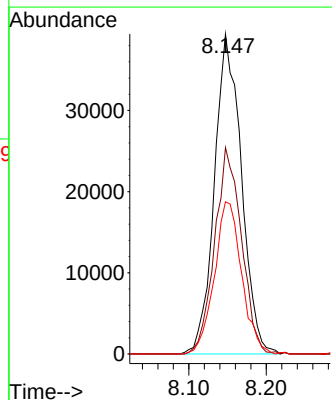
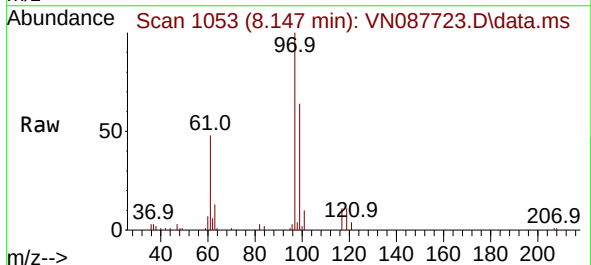
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

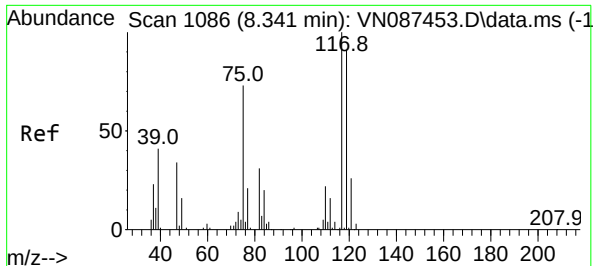
Tgt Ion: 77 Resp: 88783
Ion Ratio Lower Upper
77 100
97 20.7 16.7 25.1



#32
1,1,1-Trichloroethane
Concen: 21.850 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 97 Resp: 95339
Ion Ratio Lower Upper
97 100
99 63.9 53.0 79.6
61 48.1 40.6 61.0

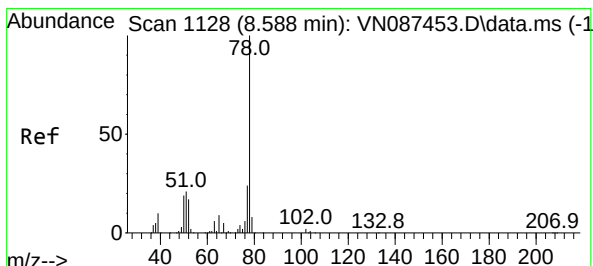
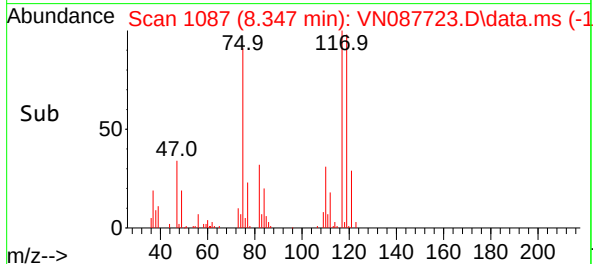
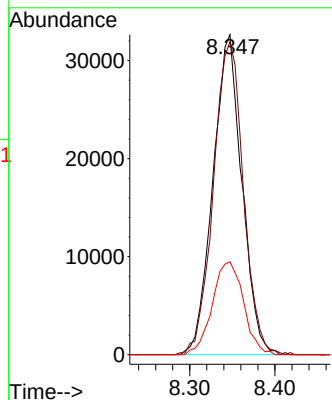
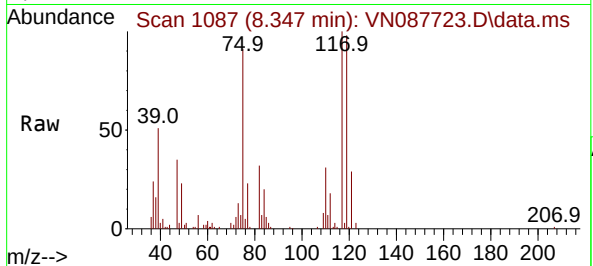




#33
Carbon Tetrachloride
Concen: 21.287 ug/l
RT: 8.347 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

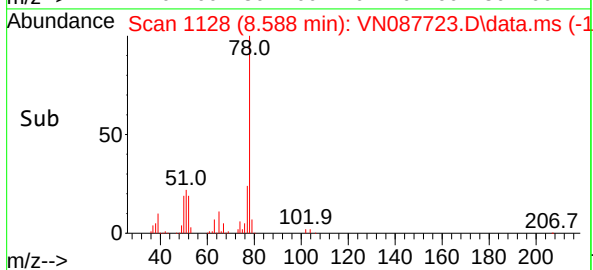
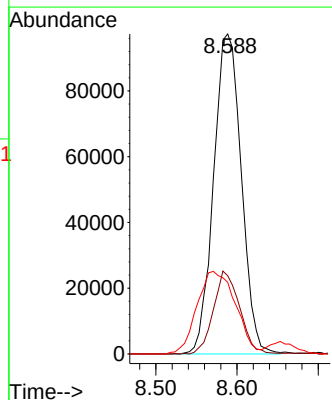
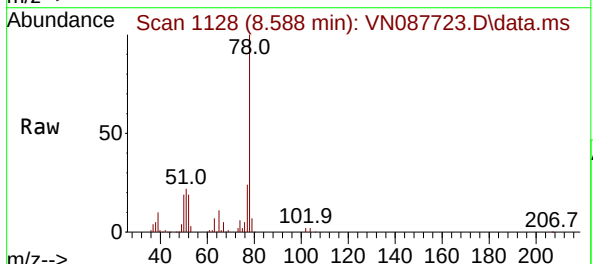
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

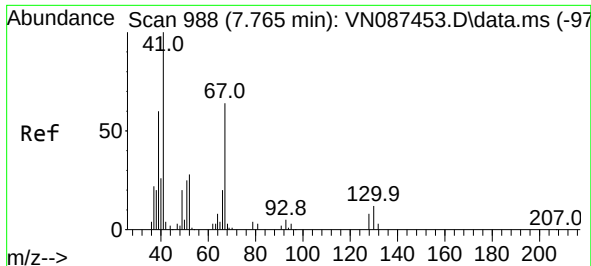
Tgt Ion:117 Resp: 77163
Ion Ratio Lower Upper
117 100
119 97.2 73.4 110.0
121 29.1 21.1 31.7



#34
Benzene
Concen: 21.380 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 78 Resp: 230901
Ion Ratio Lower Upper
78 100
77 24.5 19.2 28.8
51 20.5 16.9 25.3

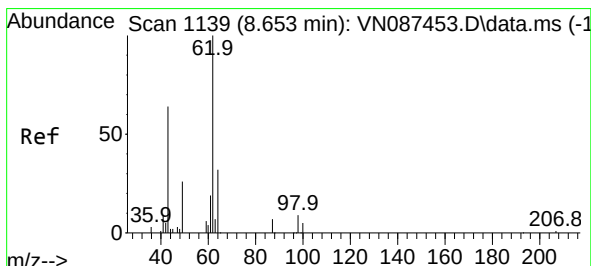
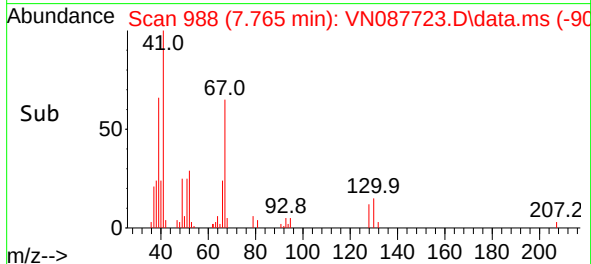
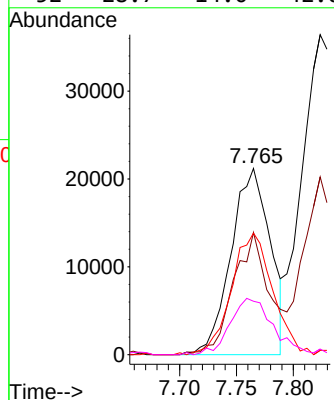
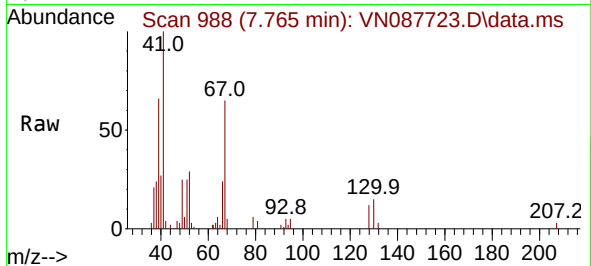




#35
Methacrylonitrile
Concen: 18.727 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

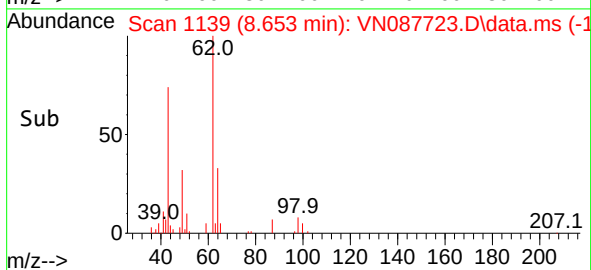
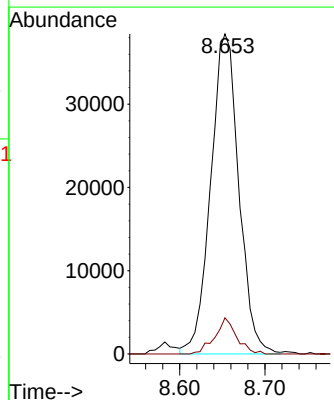
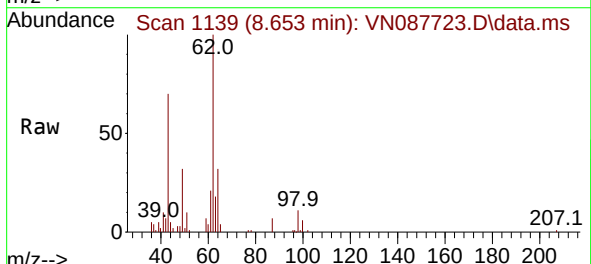
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

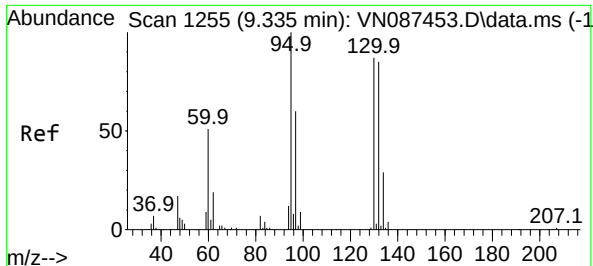
Tgt Ion:	41	Resp:	50964
Ion Ratio	Lower	Upper	
41	100		
39	65.6	30.1	90.5
67	64.2	32.0	96.2
52	28.7	14.0	42.0



#36
1,2-Dichloroethane
Concen: 20.210 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion:	62	Resp:	88217
Ion Ratio	Lower	Upper	
62	100		
98	8.7	6.6	9.8





#37

Trichloroethene

Concen: 22.421 ug/l

RT: 9.330 min Scan# 1255

Delta R.T. -0.006 min

Lab File: VN087723.D

Acq: 04 Sep 2025 15:21

Instrument :

MSVOA_N

ClientSampleId :

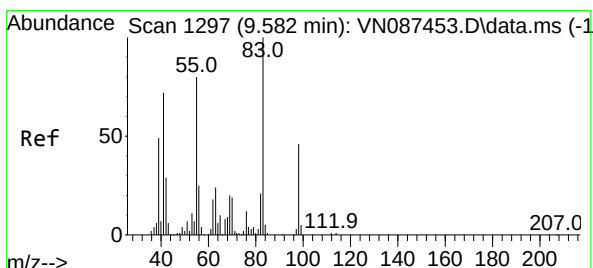
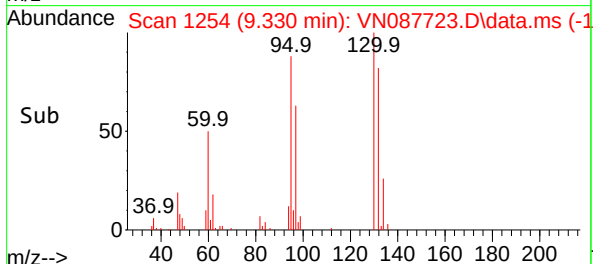
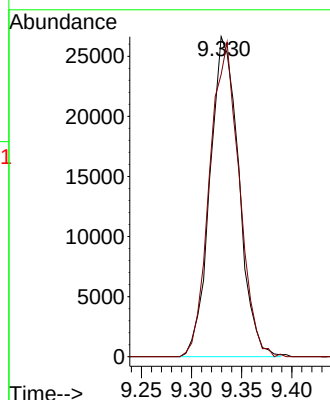
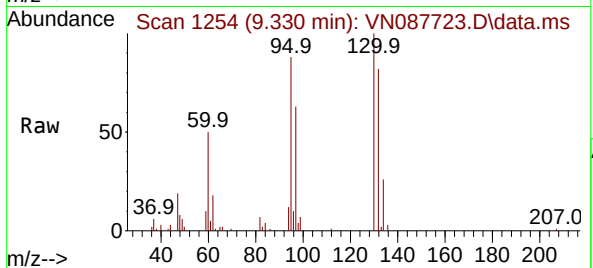
VSTDCCC020EC

Tgt Ion:130 Resp: 53338

Ion Ratio Lower Upper

130 100

95 88.2 91.4 137.2#



#38

Methylcyclohexane

Concen: 18.355 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087723.D

Acq: 04 Sep 2025 15:21

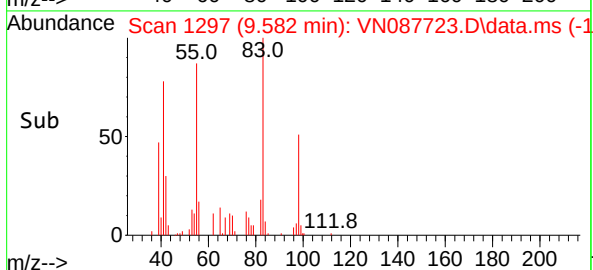
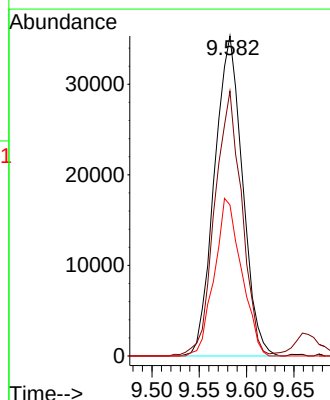
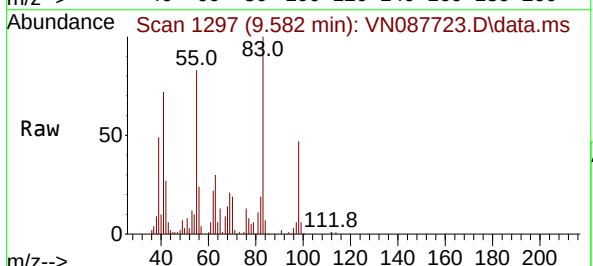
Tgt Ion: 83 Resp: 72850

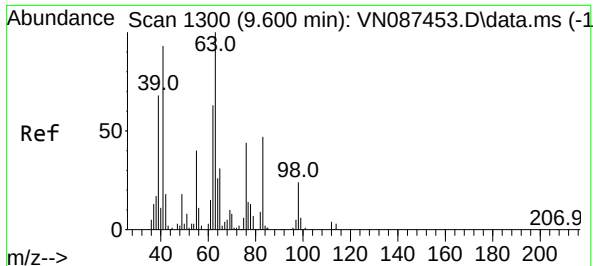
Ion Ratio Lower Upper

83 100

55 79.9 41.2 123.6

98 47.6 23.3 69.9





#39

1,2-Dichloropropane

Concen: 21.735 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087723.D

Acq: 04 Sep 2025 15:21

Instrument :

MSVOA_N

ClientSampleId :

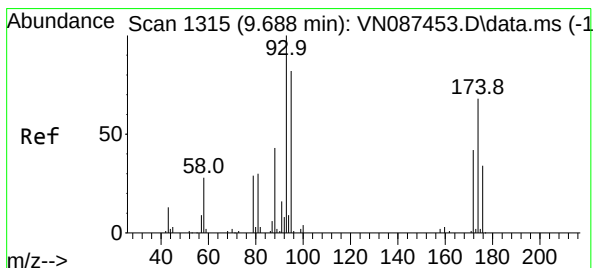
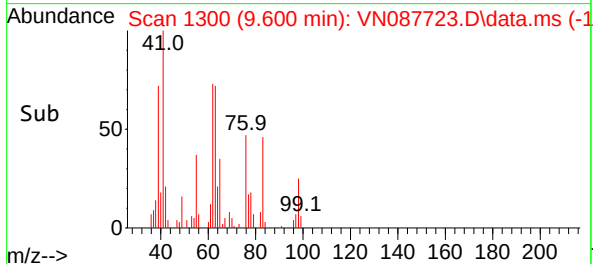
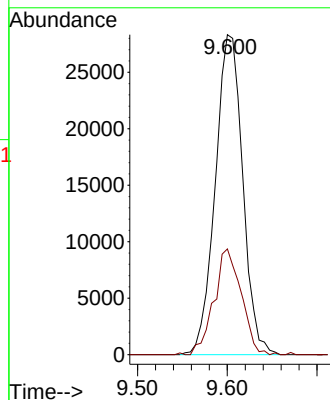
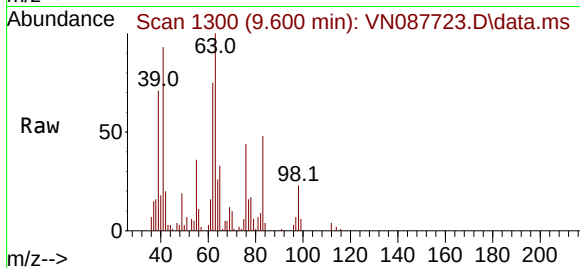
VSTDCCC020EC

Tgt Ion: 63 Resp: 60183

Ion Ratio Lower Upper

63 100

65 33.0 24.6 36.8



#40

Dibromomethane

Concen: 21.868 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087723.D

Acq: 04 Sep 2025 15:21

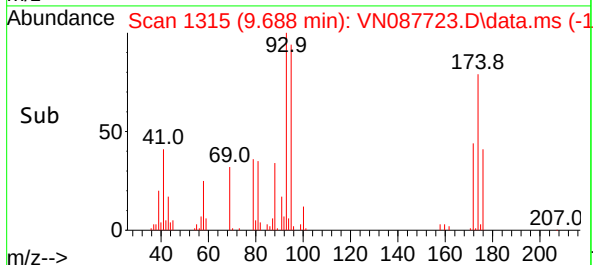
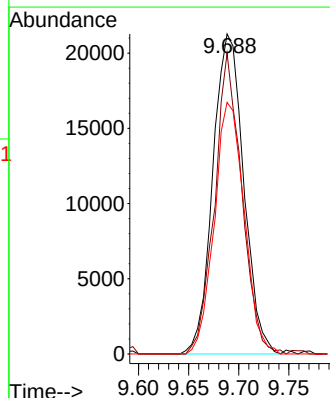
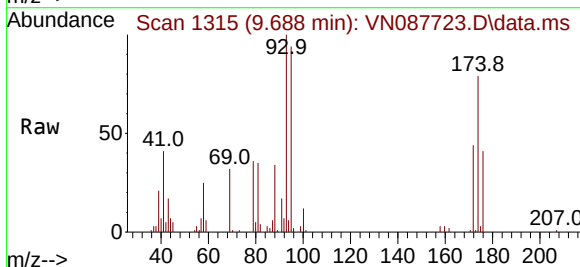
Tgt Ion: 93 Resp: 45432

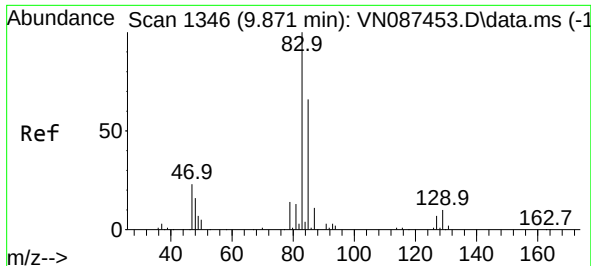
Ion Ratio Lower Upper

93 100

95 82.8 0.0 161.6

174 76.3 0.0 151.4

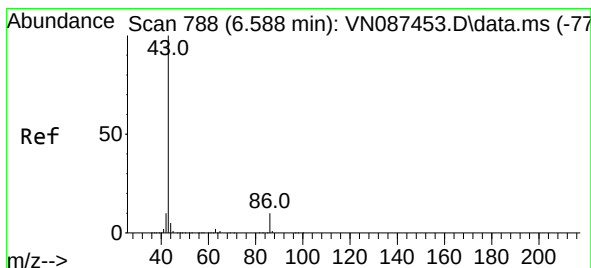
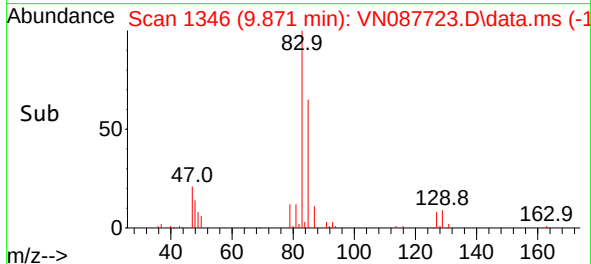
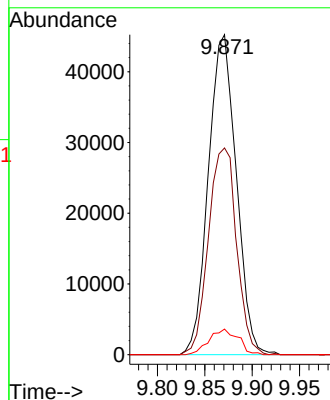
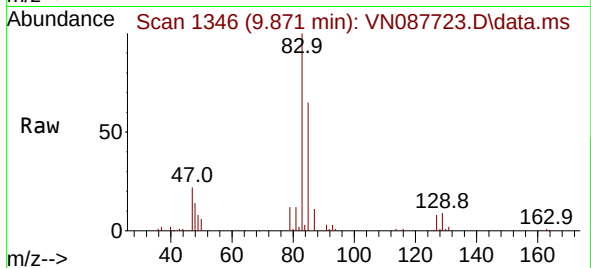




#41
Bromodichloromethane
Concen: 21.522 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

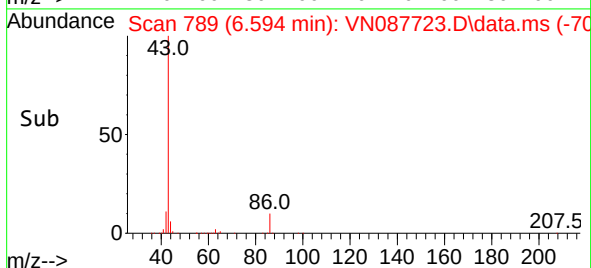
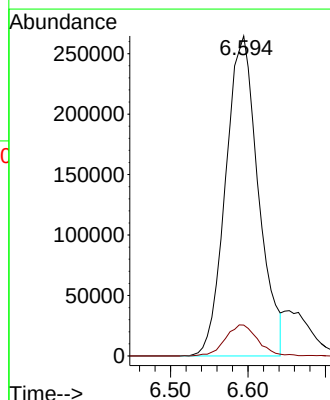
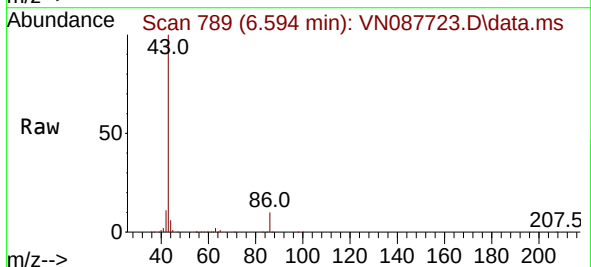
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

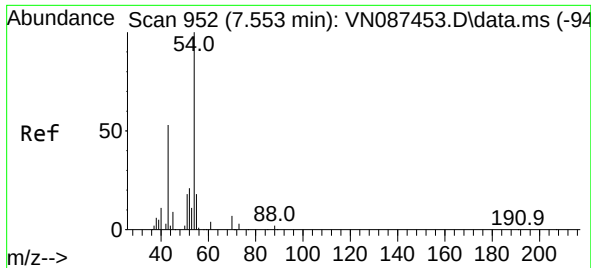
Tgt Ion: 83 Resp: 92910
Ion Ratio Lower Upper
83 100
85 64.6 52.9 79.3
127 8.0 5.8 8.6



#42
Vinyl Acetate
Concen: 93.526 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 43 Resp: 776716
Ion Ratio Lower Upper
43 100
86 9.5 7.3 10.9

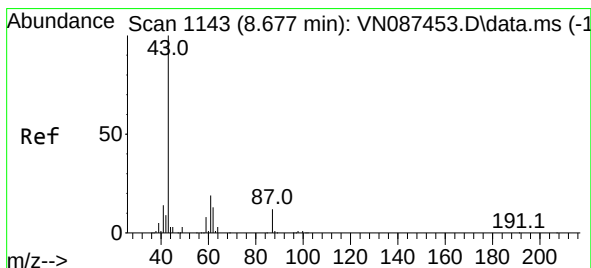
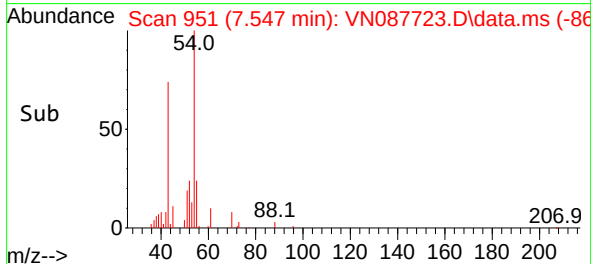
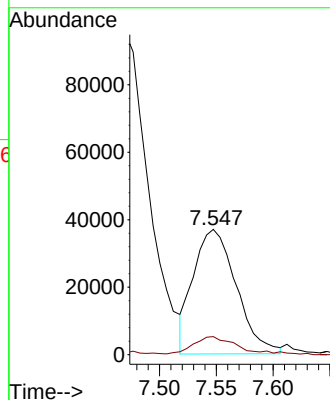
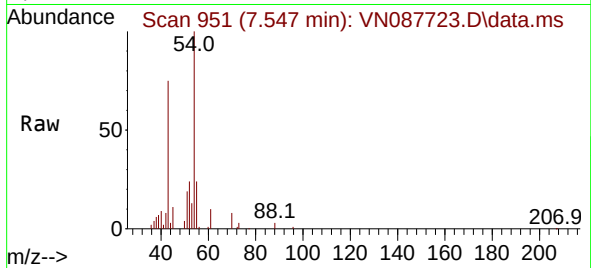




#43
Ethyl Acetate
Concen: 19.896 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

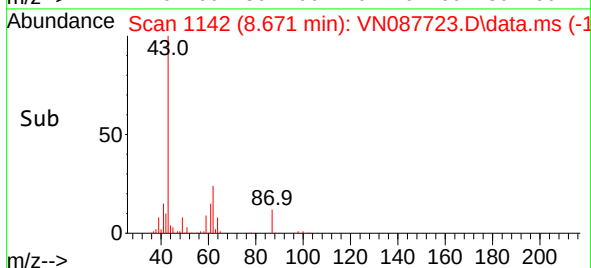
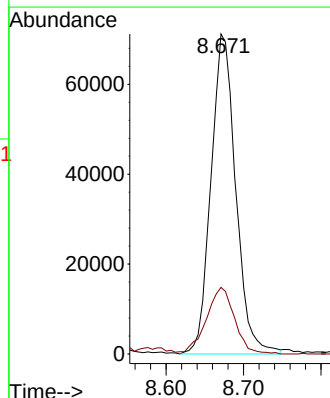
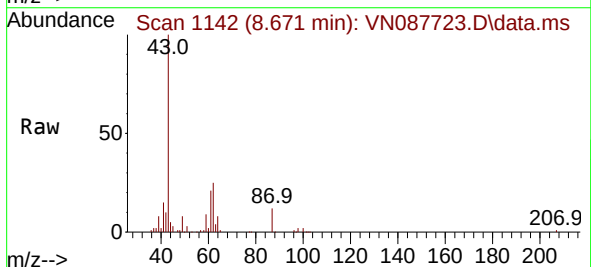
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

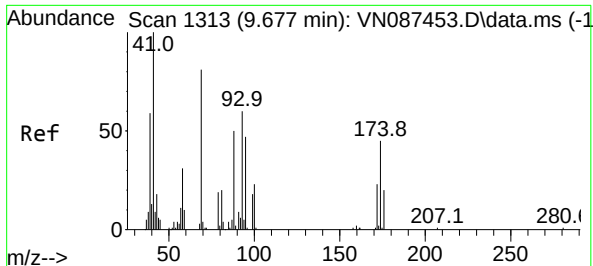
Tgt Ion: 43 Resp: 96931
Ion Ratio Lower Upper
43 100
45 13.9 11.1 16.7



#44
Isopropyl Acetate
Concen: 19.126 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 43 Resp: 157951
Ion Ratio Lower Upper
43 100
61 23.0 18.6 28.0

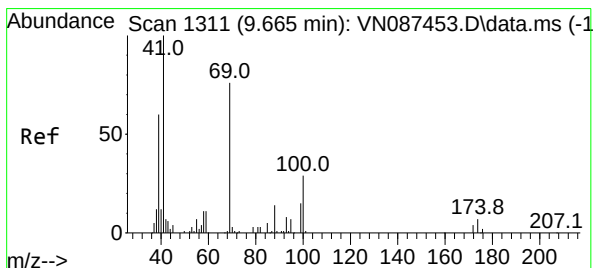
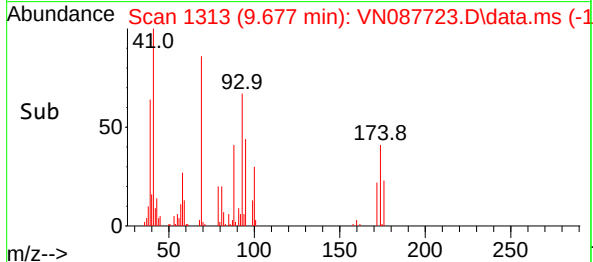
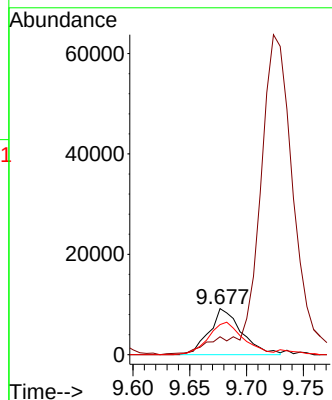
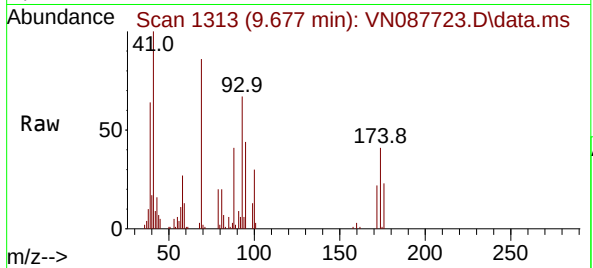




#45
1,4-Dioxane
Concen: 344.161 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

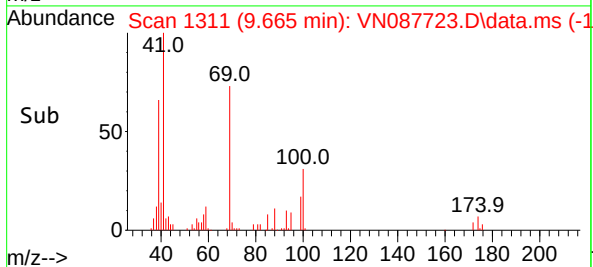
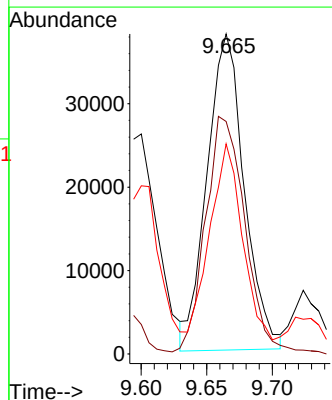
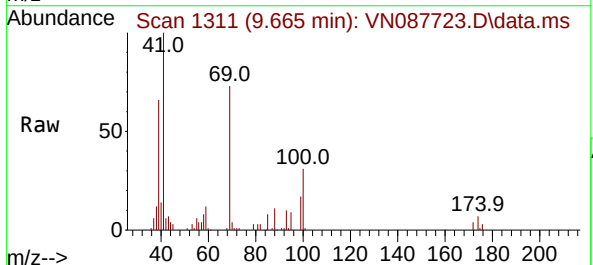
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

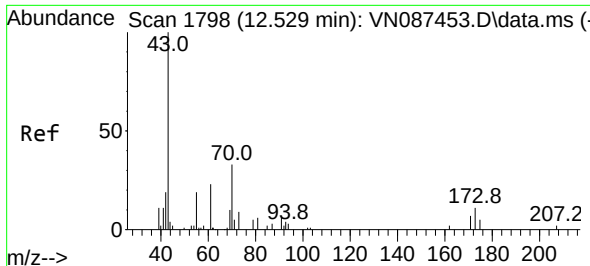
Tgt Ion: 88 Resp: 18119
Ion Ratio Lower Upper
88 100
43 41.9 24.1 36.1#
58 76.4 57.2 85.8



#46
Methyl methacrylate
Concen: 19.186 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 41 Resp: 74792
Ion Ratio Lower Upper
41 100
69 75.4 37.1 111.5
39 64.2 30.7 92.1

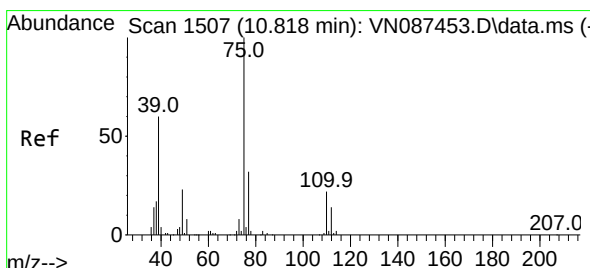
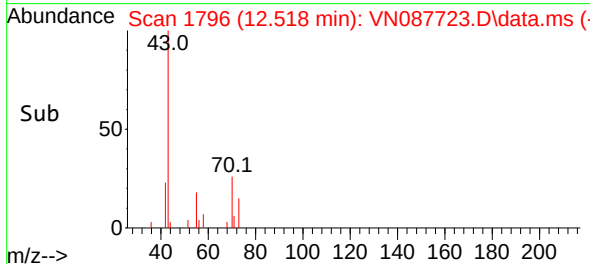
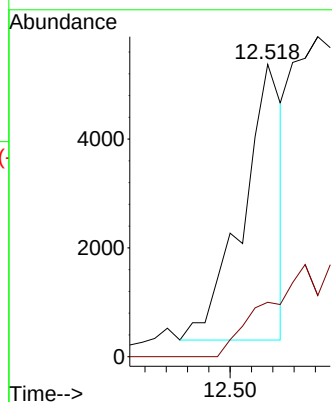
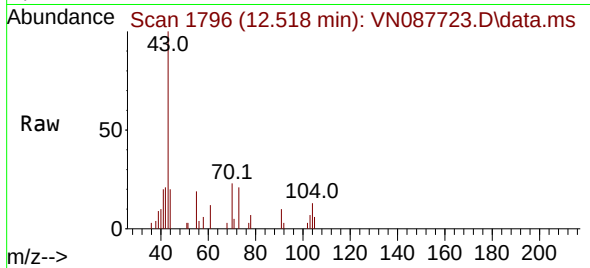




#47
n-amy1 Acetate
Concen: 1.443 ug/l
RT: 12.518 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

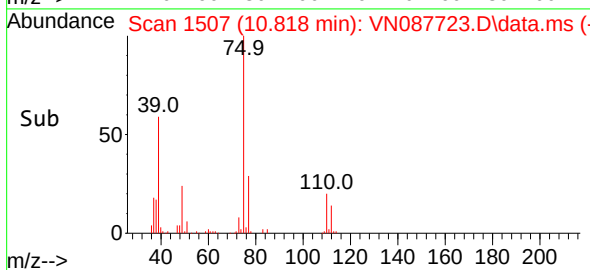
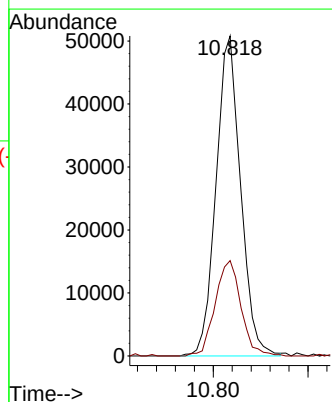
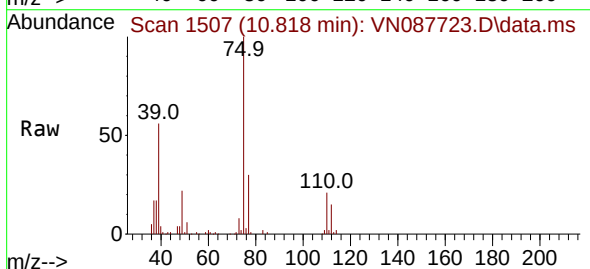
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

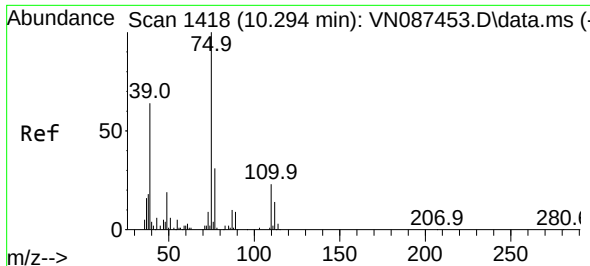
Tgt Ion: 43 Resp: 6583
Ion Ratio Lower Upper
43 100
55 20.0 4.6 6.8#



#48
t-1,3-Dichloropropene
Concen: 19.468 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 75 Resp: 91435
Ion Ratio Lower Upper
75 100
77 29.8 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 20.047 ug/l

RT: 10.294 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VN087723.D

Acq: 04 Sep 2025 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

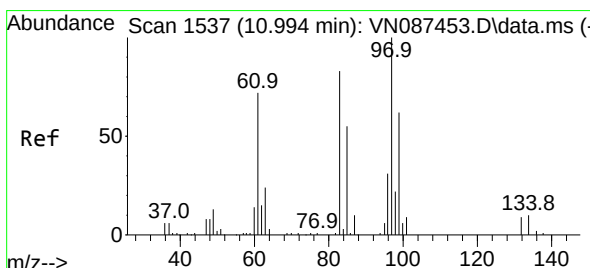
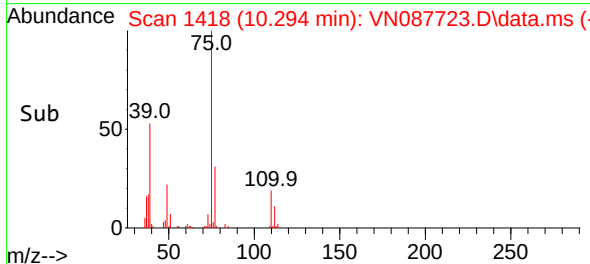
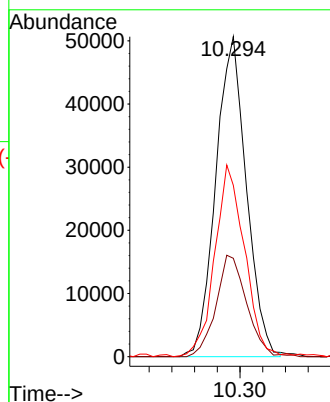
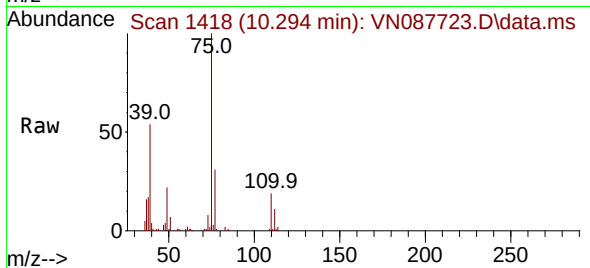
Tgt Ion: 75 Resp: 94752

Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8

39 53.3 51.5 77.3



#50

1,1,2-Trichloroethane

Concen: 22.387 ug/l

RT: 11.000 min Scan# 1538

Delta R.T. 0.006 min

Lab File: VN087723.D

Acq: 04 Sep 2025 15:21

Tgt Ion: 97 Resp: 58762

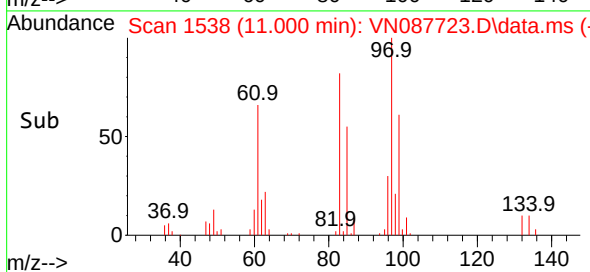
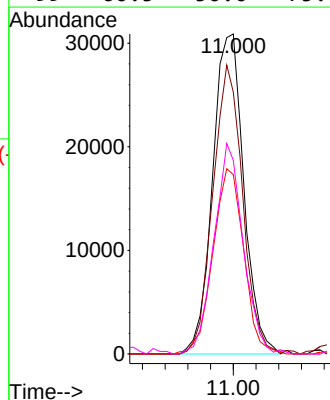
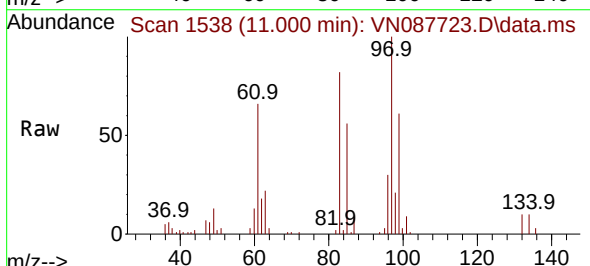
Ion Ratio Lower Upper

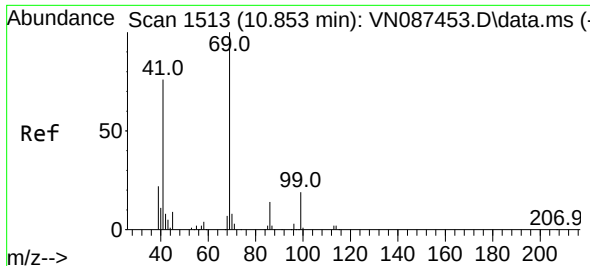
97 100

83 81.8 66.2 99.2

85 55.6 43.9 65.9

99 60.5 50.0 75.0

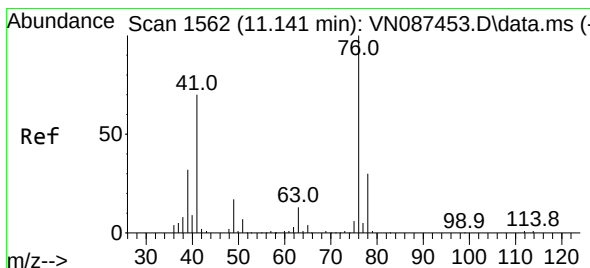
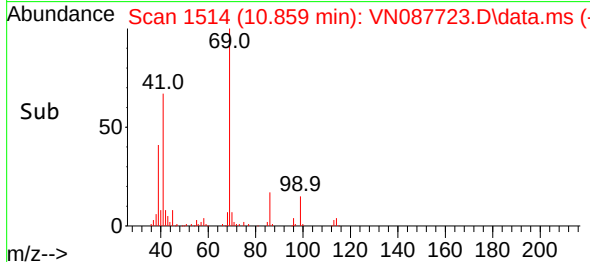
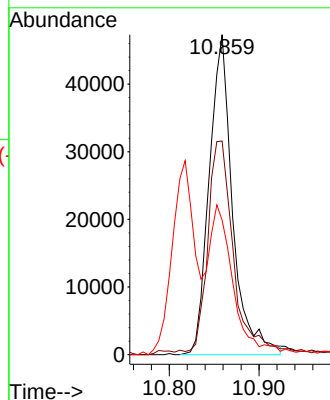
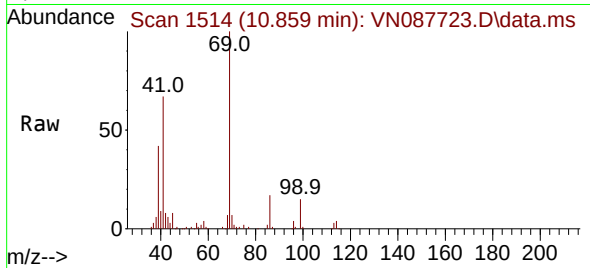




#51
Ethyl methacrylate
Concen: 18.496 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

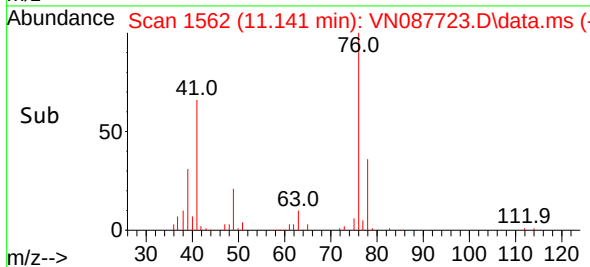
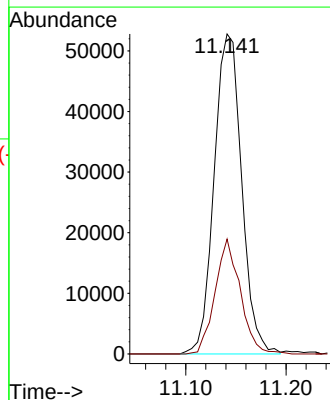
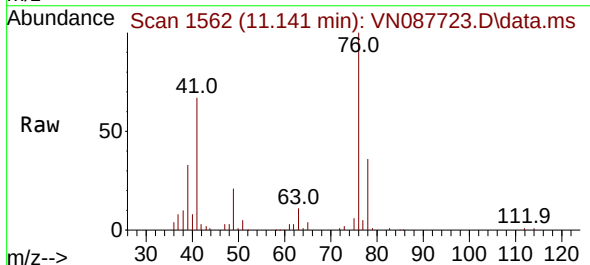
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

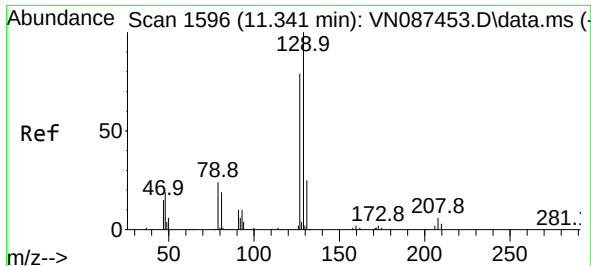
Tgt Ion: 69 Resp: 85505
Ion Ratio Lower Upper
69 100
41 65.3 38.0 114.1
39 41.0 23.2 69.5



#52
1,3-Dichloropropane
Concen: 21.281 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 76 Resp: 100640
Ion Ratio Lower Upper
76 100
78 32.9 0.0 63.0

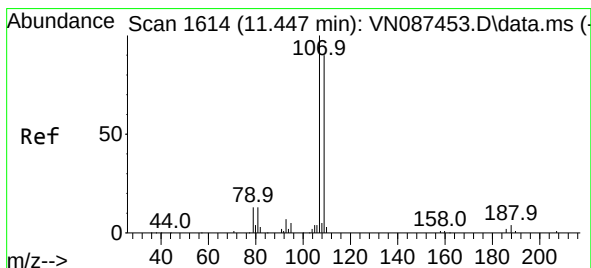
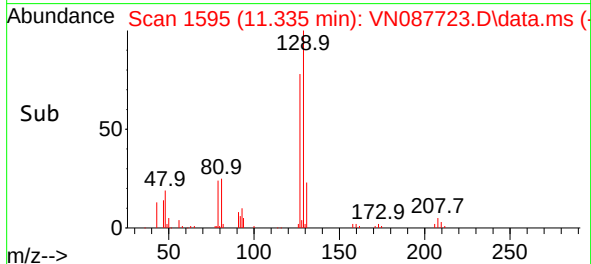
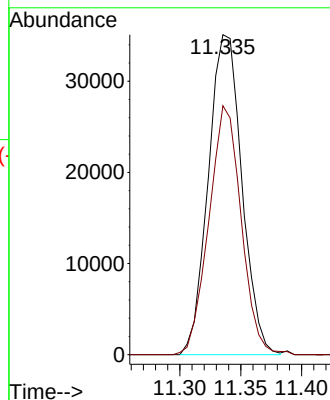
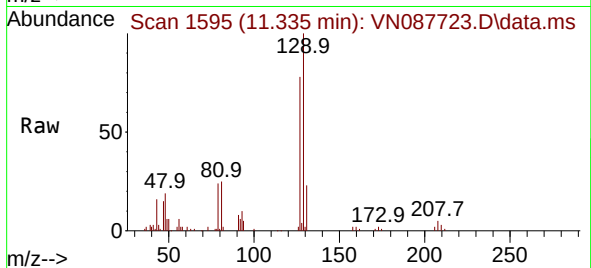




#53
Dibromochloromethane
Concen: 22.199 ug/l
RT: 11.335 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

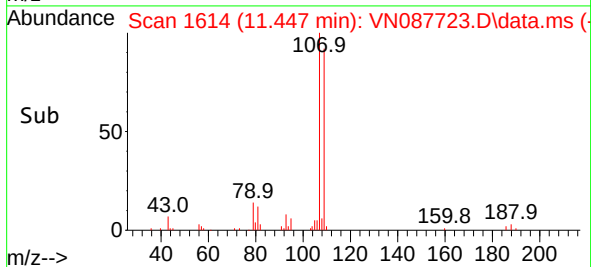
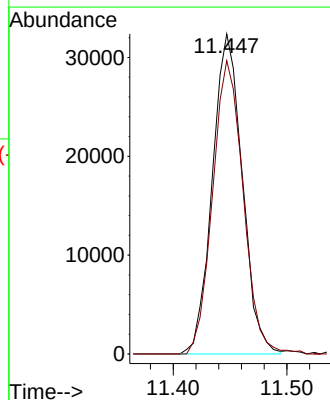
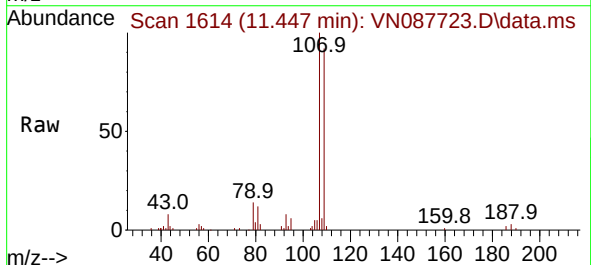
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

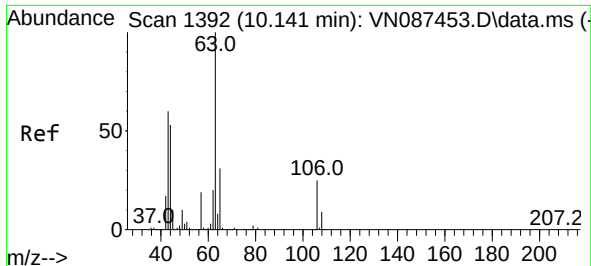
Tgt Ion:129 Resp: 67293
Ion Ratio Lower Upper
129 100
127 74.7 39.1 117.3



#54
1,2-Dibromoethane
Concen: 21.233 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion:107 Resp: 59165
Ion Ratio Lower Upper
107 100
109 93.7 74.2 111.4

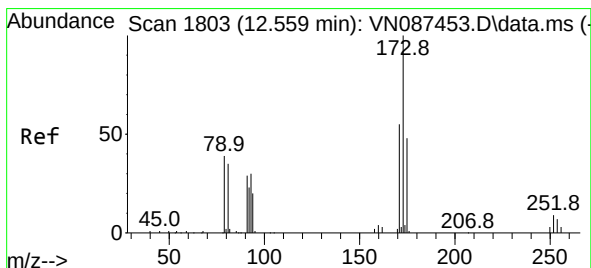
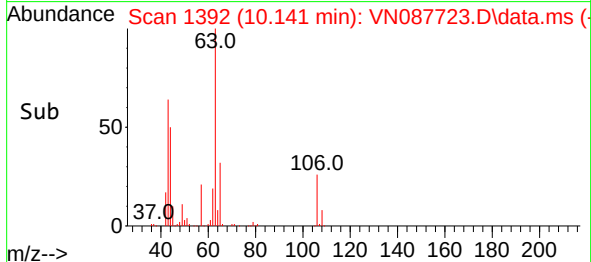
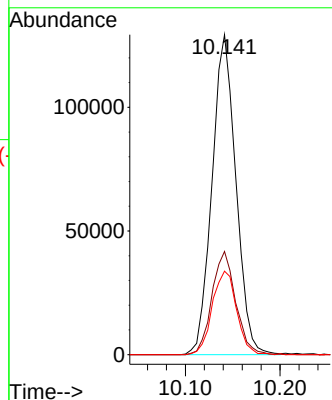
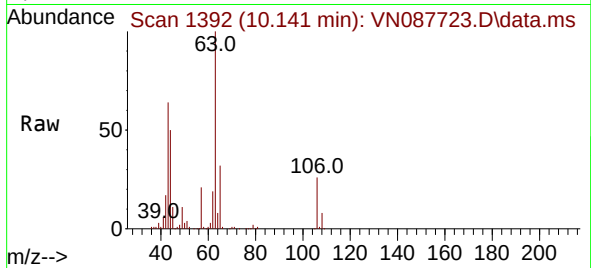




#55
2-Chloroethyl vinyl ether
Concen: 93.240 ug/l
RT: 10.141 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

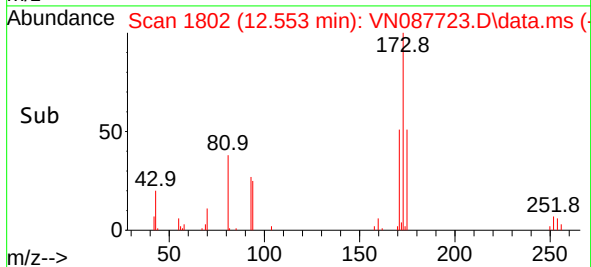
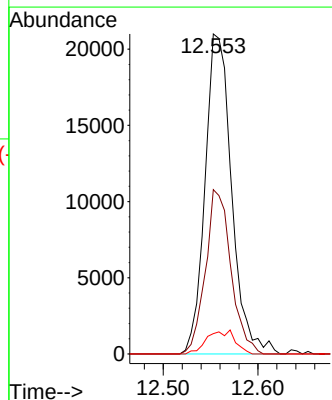
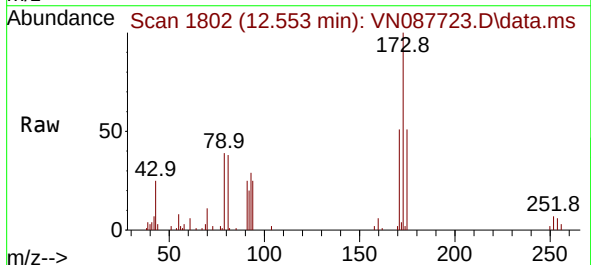
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

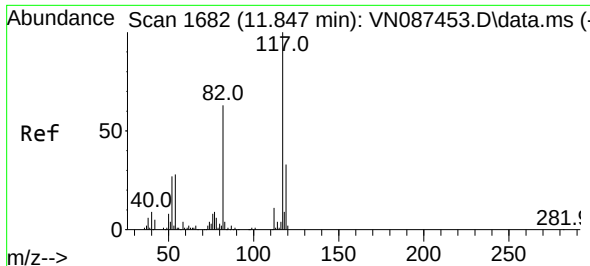
Tgt Ion: 63 Resp: 226909
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 26.5 20.7 31.1



#56
Bromoform
Concen: 20.416 ug/l
RT: 12.553 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 173 Resp: 40935
Ion Ratio Lower Upper
173 100
175 49.2 38.8 58.2
254 5.3 3.9 5.9

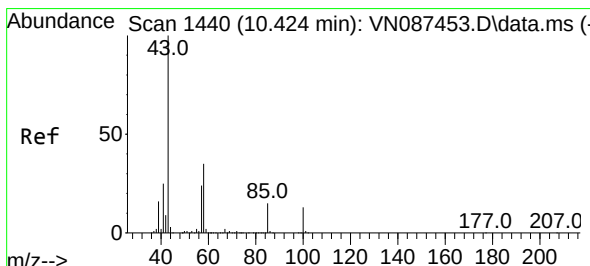
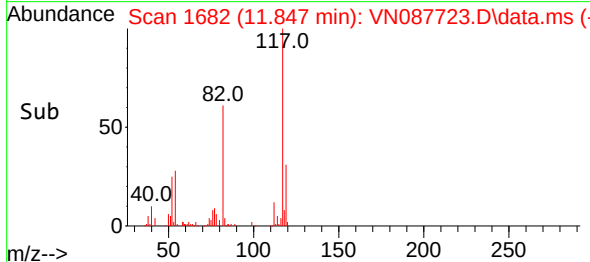
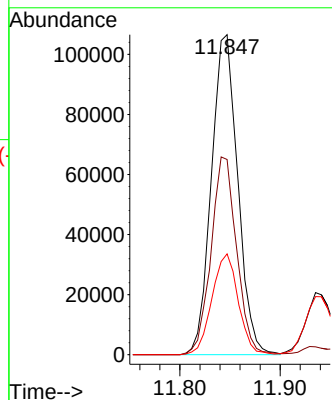
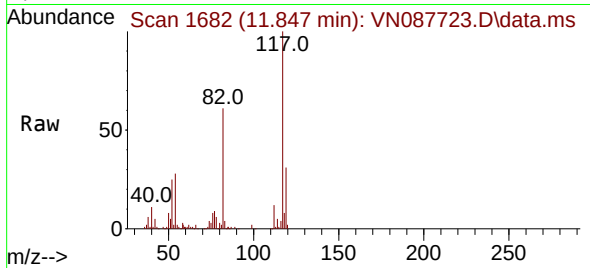




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

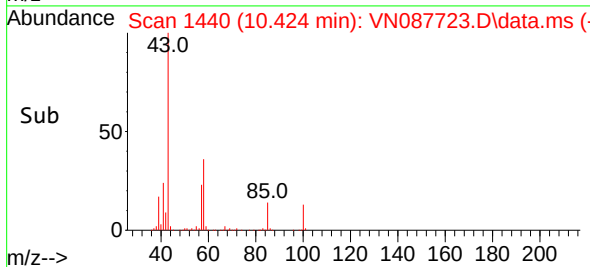
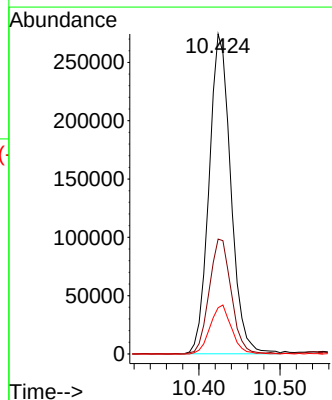
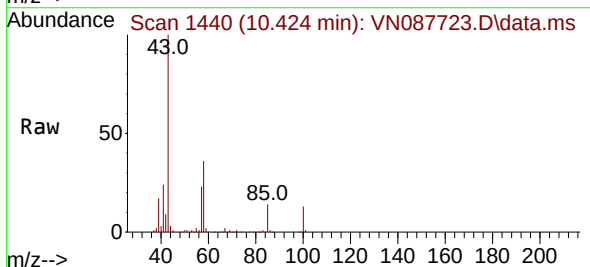
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

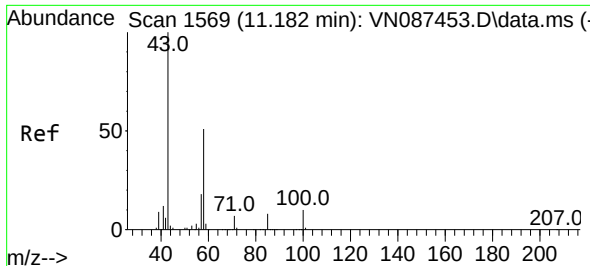
Tgt Ion:117 Resp: 194705
Ion Ratio Lower Upper
117 100
82 60.0 49.2 73.8
119 31.4 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 101.757 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 43 Resp: 509673
Ion Ratio Lower Upper
43 100
58 36.4 29.0 43.6
85 14.9 12.7 19.1

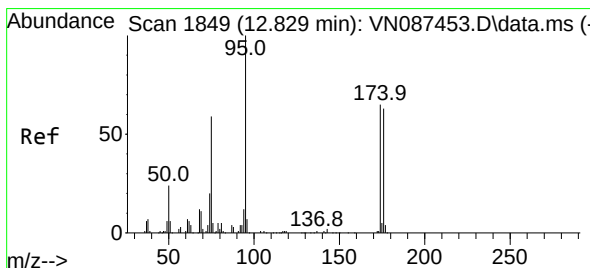
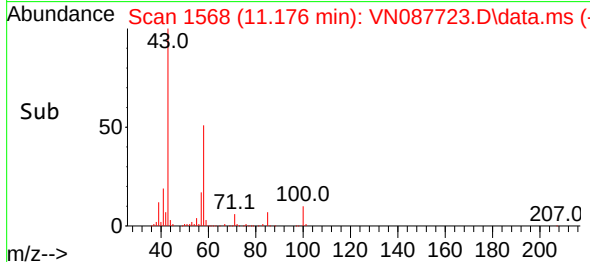
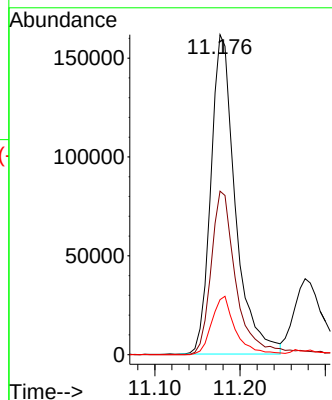
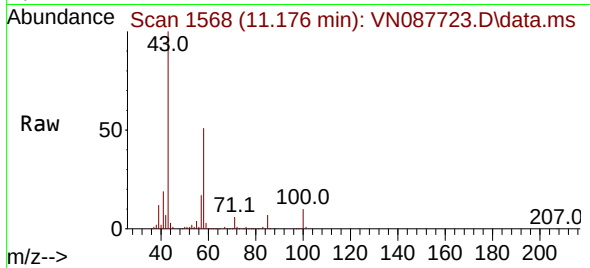




#59
2-Hexanone
Concen: 94.645 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

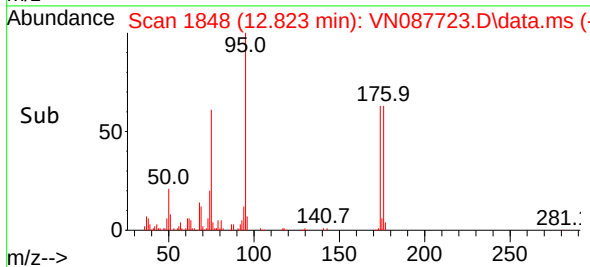
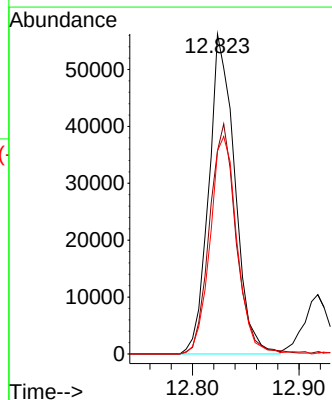
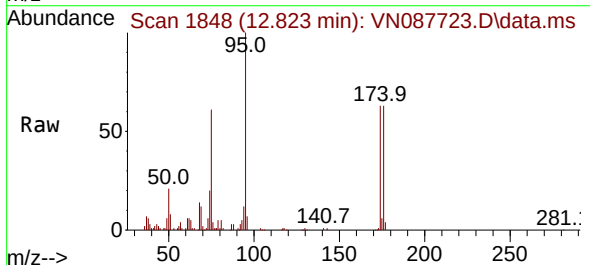
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

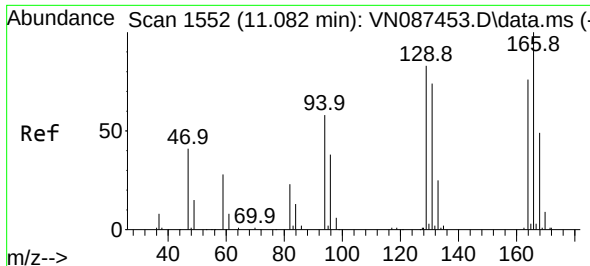
Tgt Ion: 43 Resp: 322095
Ion Ratio Lower Upper
43 100
58 52.7 41.0 61.6
57 17.7 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 28.430 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 95 Resp: 95262
Ion Ratio Lower Upper
95 100
174 73.7 52.3 78.5
176 70.1 49.8 74.8

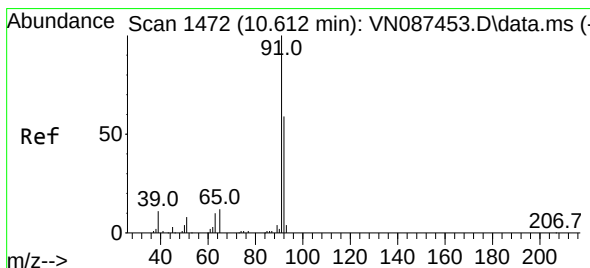
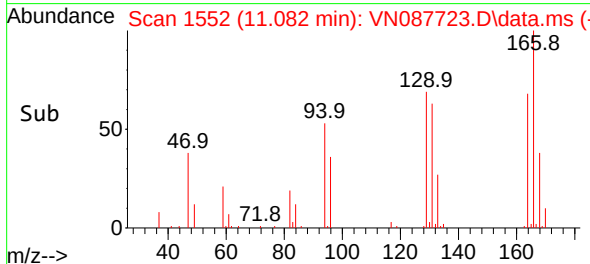
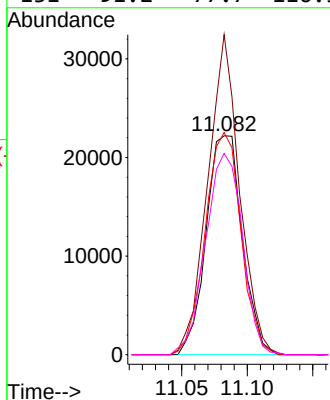
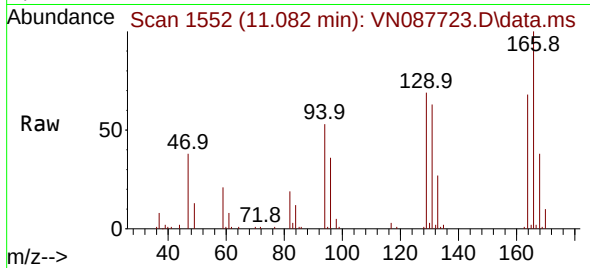




#61
Tetrachloroethene
Concen: 22.426 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

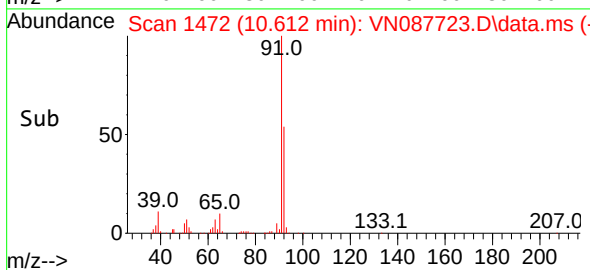
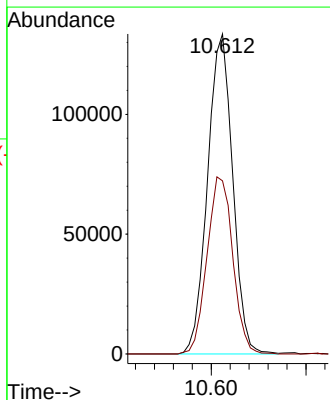
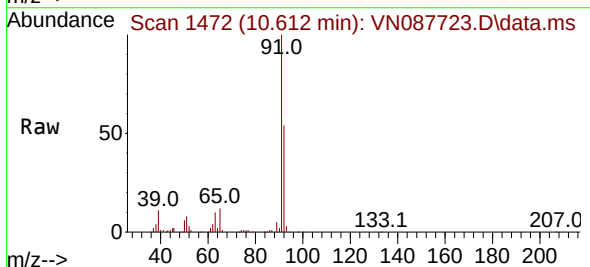
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

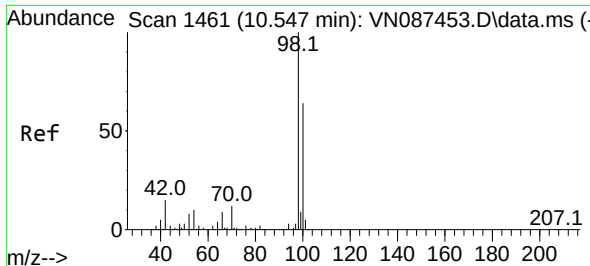
Tgt Ion:164 Resp: 42539
Ion Ratio Lower Upper
164 100
166 145.4 105.4 158.0
129 101.5 87.7 131.5
131 91.2 77.7 116.5



#62
Toluene
Concen: 20.471 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 91 Resp: 246003
Ion Ratio Lower Upper
91 100
92 56.7 45.8 68.6

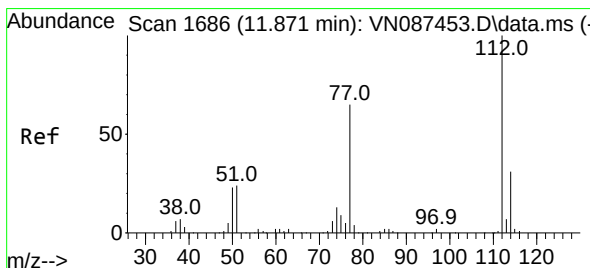
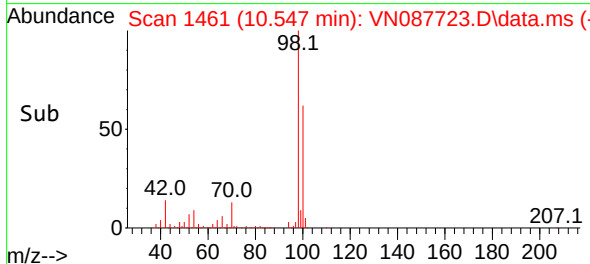
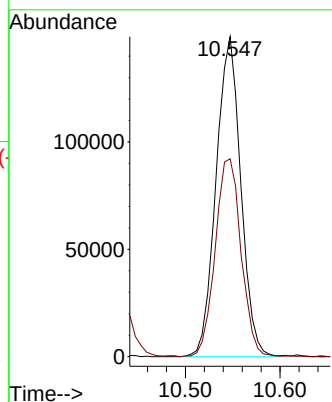
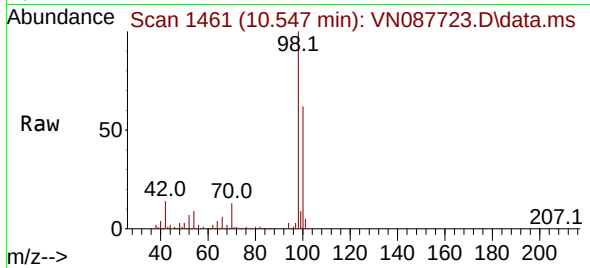




#63
Toluene-d8
Concen: 30.176 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

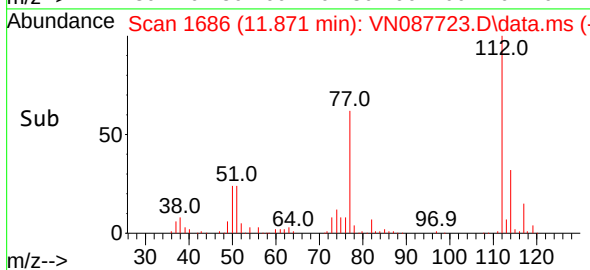
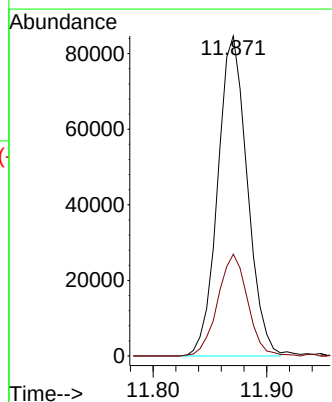
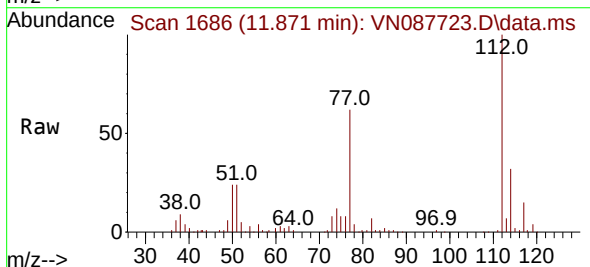
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

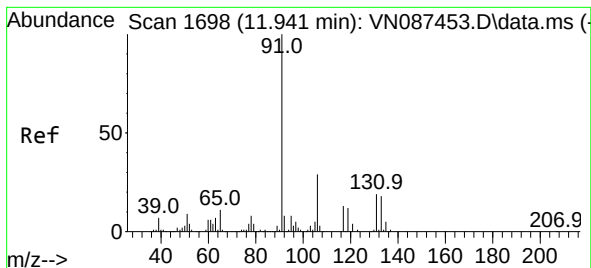
Tgt Ion: 98 Resp: 270343
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7



#64
Chlorobenzene
Concen: 20.730 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 112 Resp: 153070
Ion Ratio Lower Upper
112 100
114 31.8 24.7 37.1

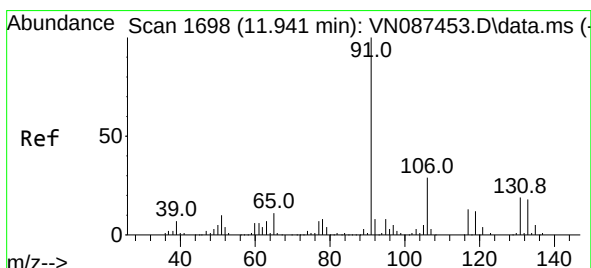
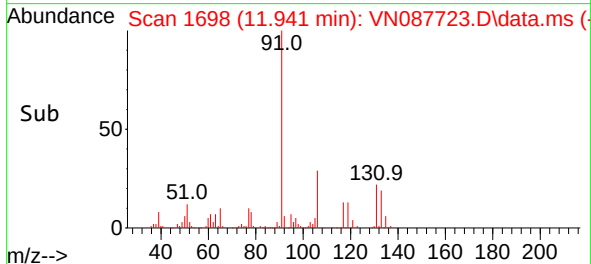
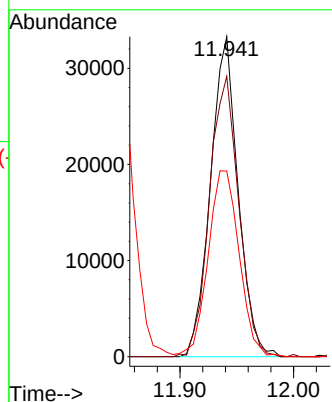
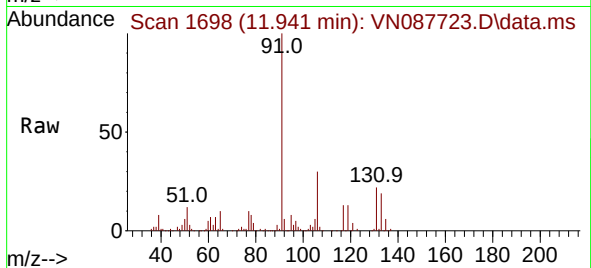




#65
1,1,1,2-Tetrachloroethane
Concen: 21.728 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

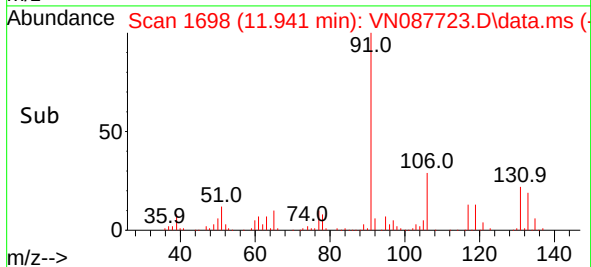
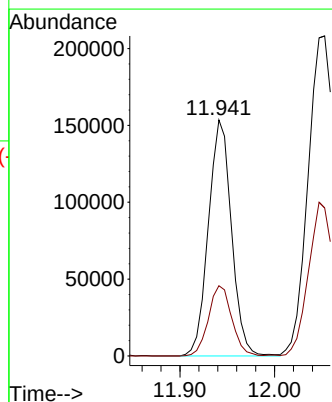
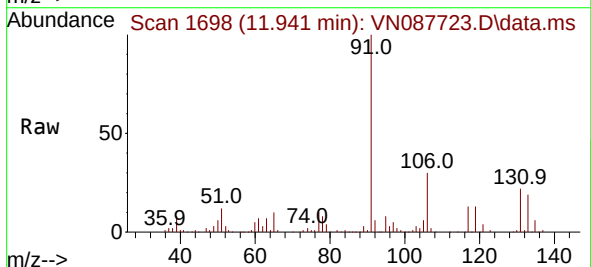
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

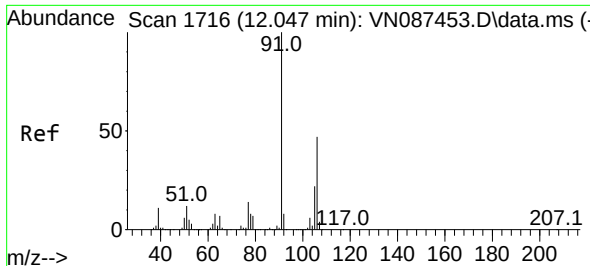
Tgt Ion:131 Resp: 56409
Ion Ratio Lower Upper
131 100
133 92.5 0.0 189.8
119 64.9 0.0 133.2



#66
Ethyl Benzene
Concen: 19.489 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 91 Resp: 261043
Ion Ratio Lower Upper
91 100
106 29.8 22.9 34.3

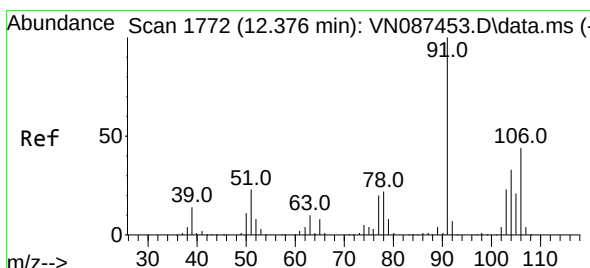
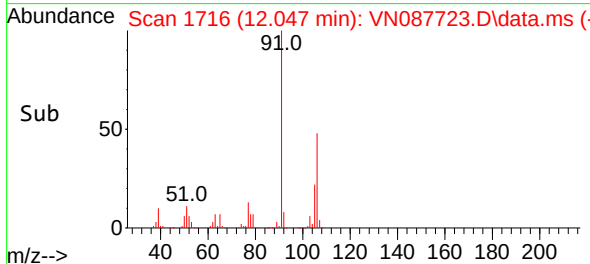
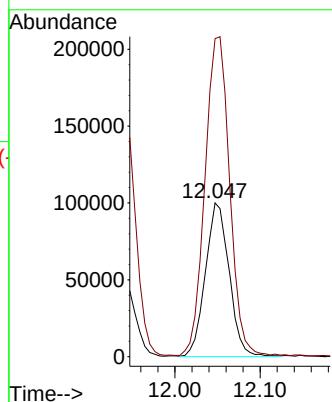
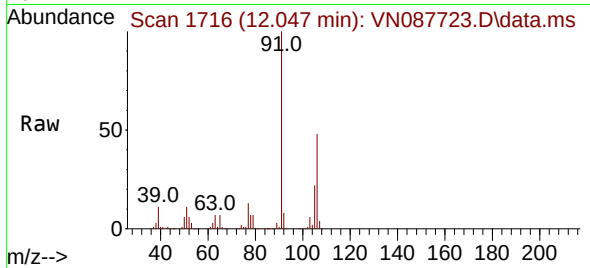




#67
m/p-Xylenes
Concen: 39.456 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

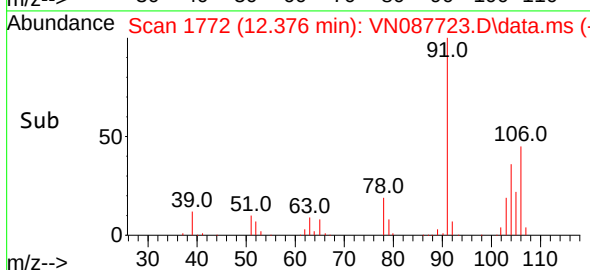
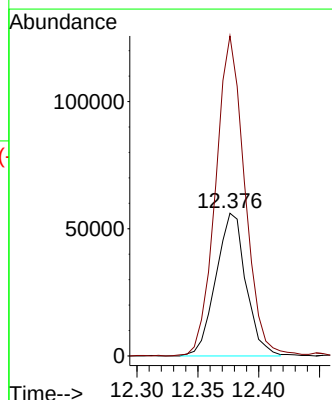
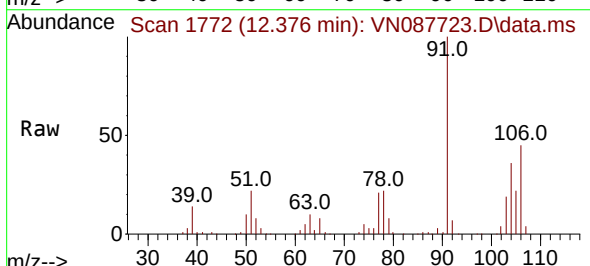
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

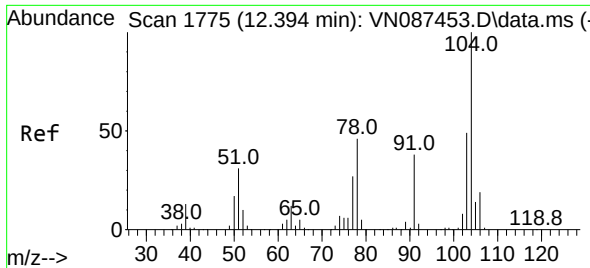
Tgt Ion:106 Resp: 193984
Ion Ratio Lower Upper
106 100
91 217.1 174.2 261.2



#68
o-Xylene
Concen: 19.948 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion:106 Resp: 96487
Ion Ratio Lower Upper
106 100
91 217.5 114.5 343.5

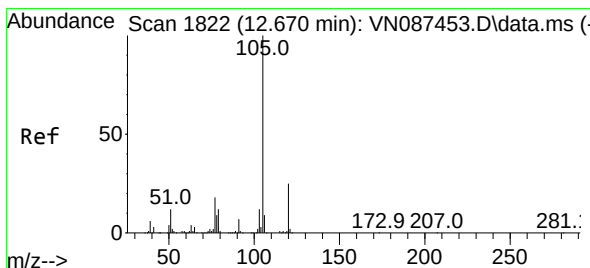
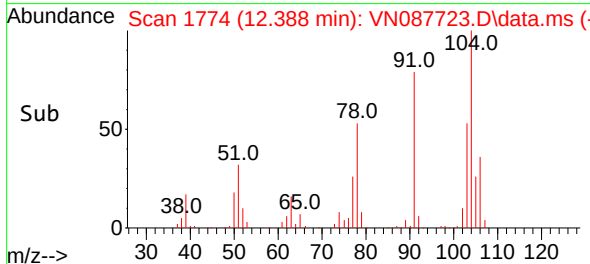
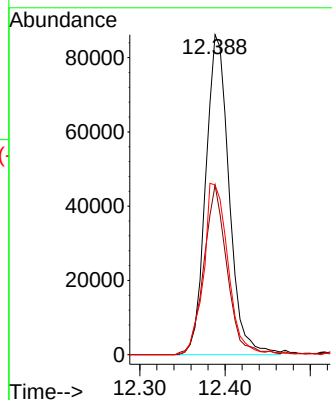
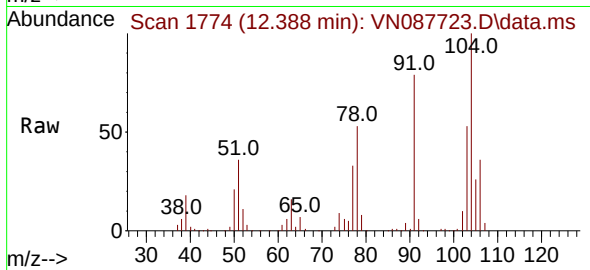




#69
Styrene
Concen: 19.883 ug/l
RT: 12.388 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

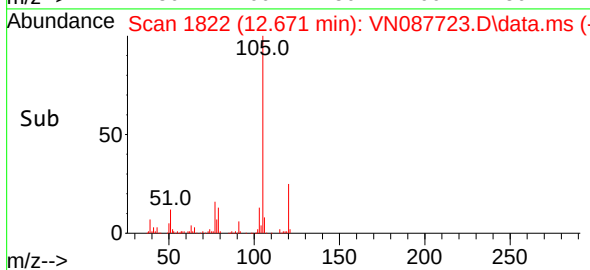
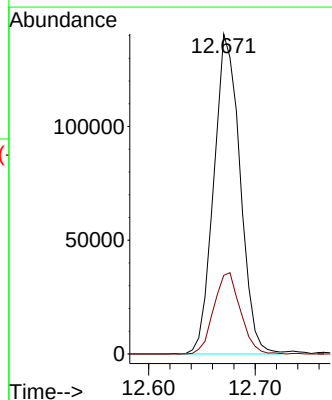
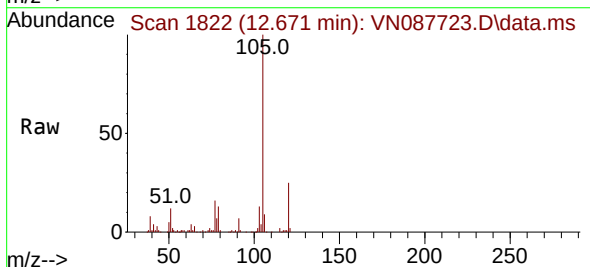
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

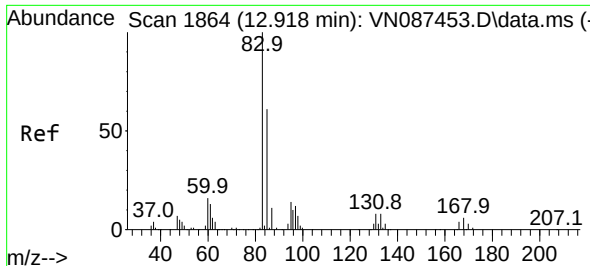
Tgt Ion:104 Resp: 164210
Ion Ratio Lower Upper
104 100
78 52.1 43.8 65.8
103 55.8 43.1 64.7



#70
Isopropylbenzene
Concen: 19.589 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion:105 Resp: 240721
Ion Ratio Lower Upper
105 100
120 25.7 17.5 32.5

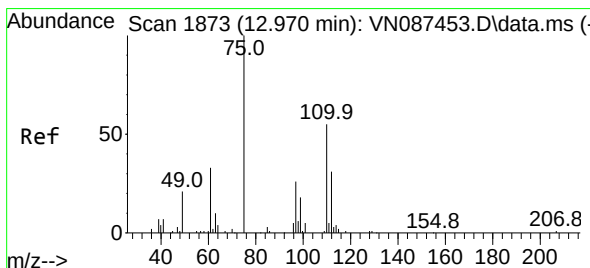
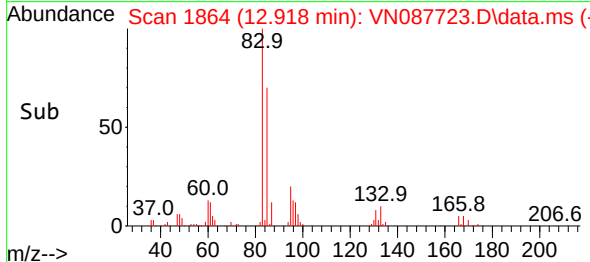
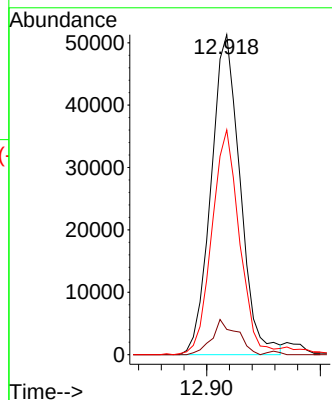
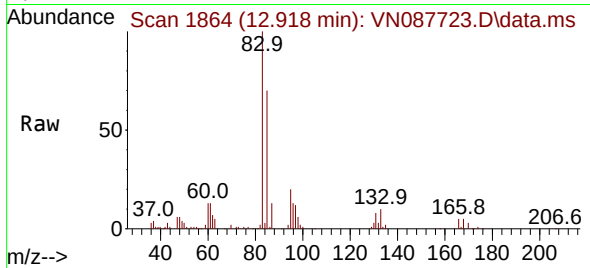




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.658 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087723.D
 Acq: 04 Sep 2025 15:21

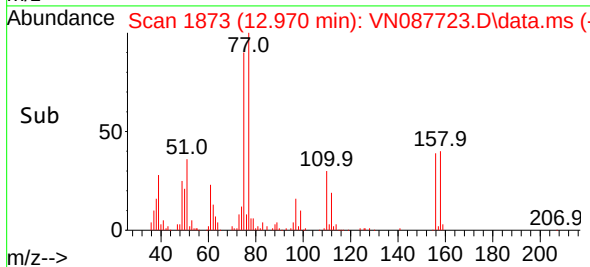
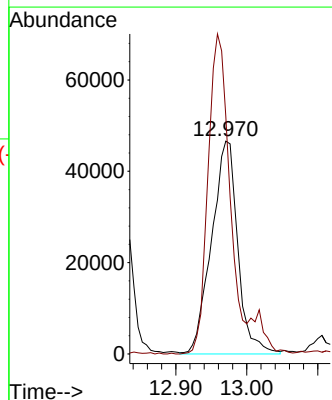
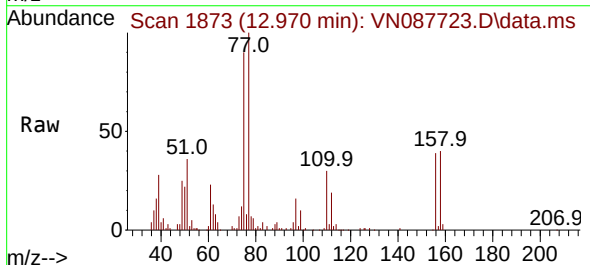
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

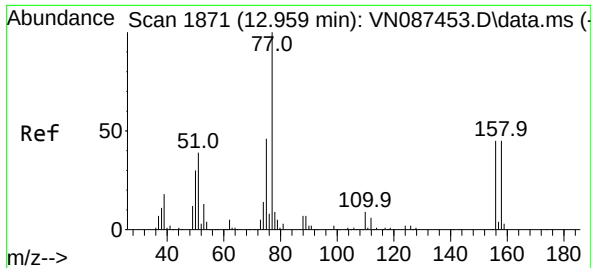
Tgt Ion: 83 Resp: 91191
 Ion Ratio Lower Upper
 83 100
 131 7.4 4.8 14.3
 85 66.7 31.7 95.1



#72
 1,2,3-Trichloropropane
 Concen: 30.465 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN087723.D
 Acq: 04 Sep 2025 15:21

Tgt Ion: 75 Resp: 119495
 Ion Ratio Lower Upper
 75 100
 77 123.3 0.0 385.0

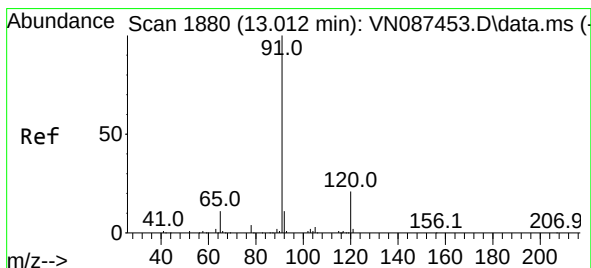
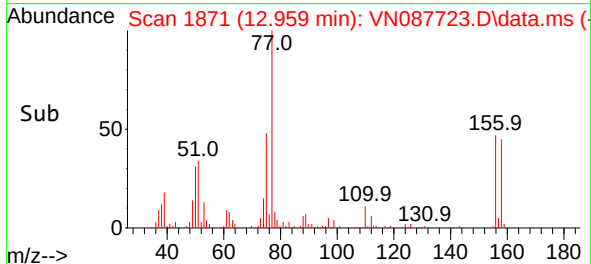
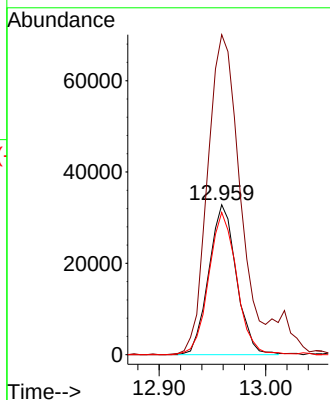
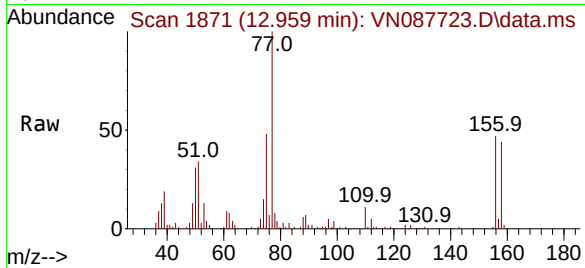




#73
Bromobenzene
Concen: 20.738 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

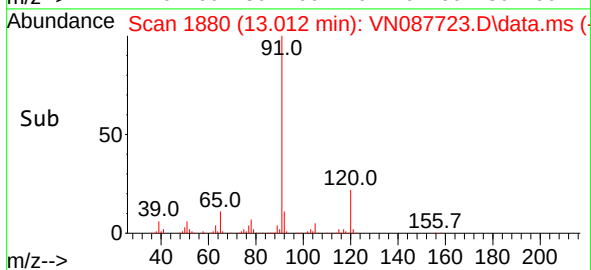
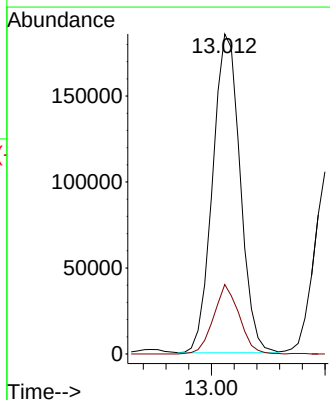
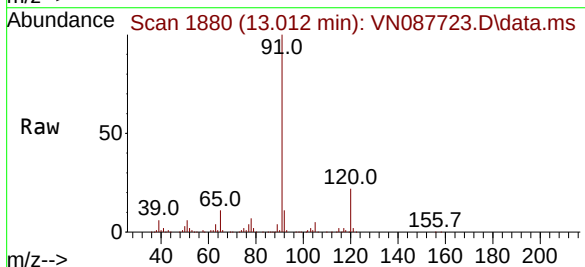
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

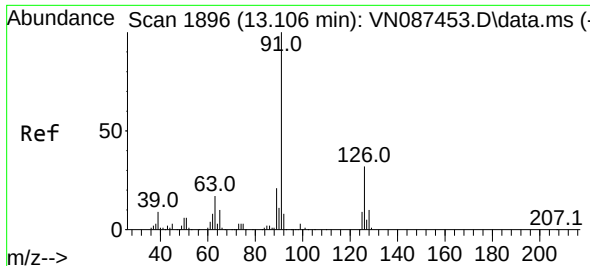
Tgt Ion:156 Resp: 59076
Ion Ratio Lower Upper
156 100
77 249.4 0.0 506.6
158 95.7 0.0 193.6



#74
n-propylbenzene
Concen: 20.322 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 91 Resp: 311880
Ion Ratio Lower Upper
91 100
120 20.3 0.0 41.8

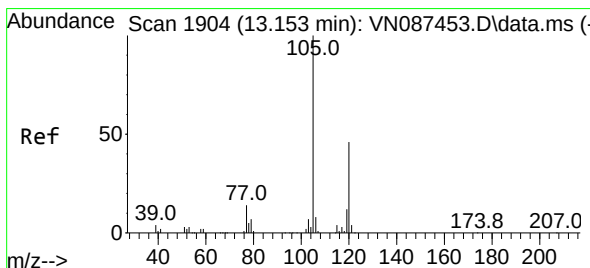
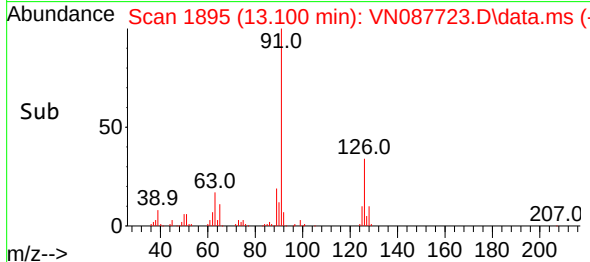
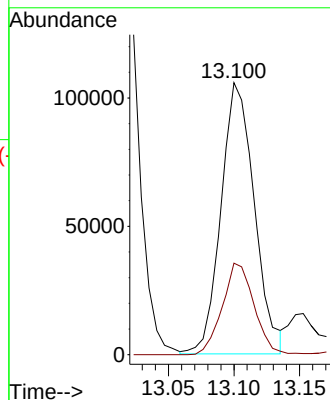
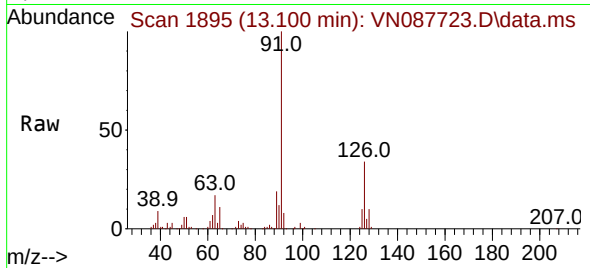




#75
2-Chlorotoluene
Concen: 19.808 ug/l
RT: 13.100 min Scan# 1896
Delta R.T. -0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

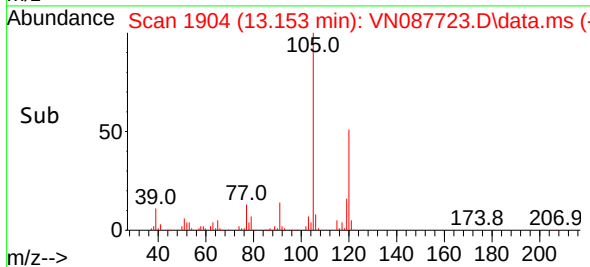
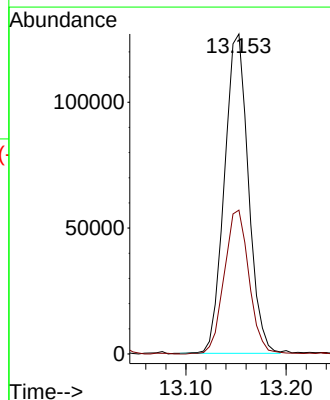
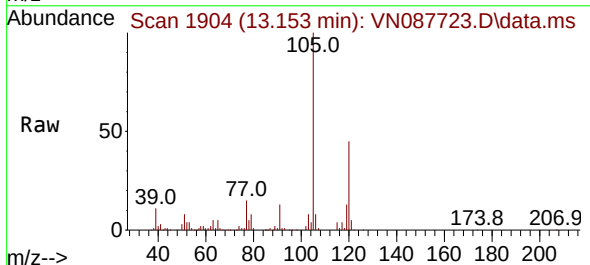
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

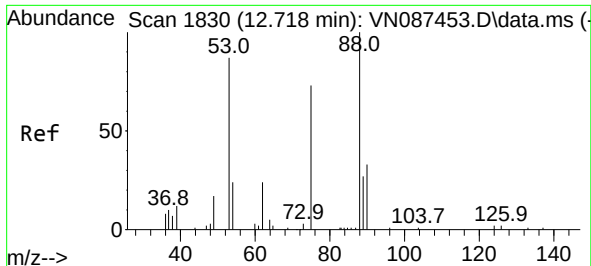
Tgt Ion: 91 Resp: 186992
Ion Ratio Lower Upper
91 100
126 32.0 0.0 60.4



#76
1,3,5-Trimethylbenzene
Concen: 19.972 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 105 Resp: 210137
Ion Ratio Lower Upper
105 100
120 46.7 0.0 91.2

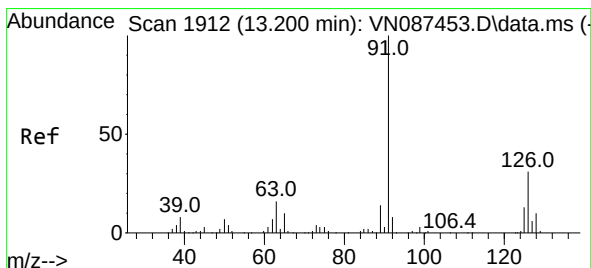
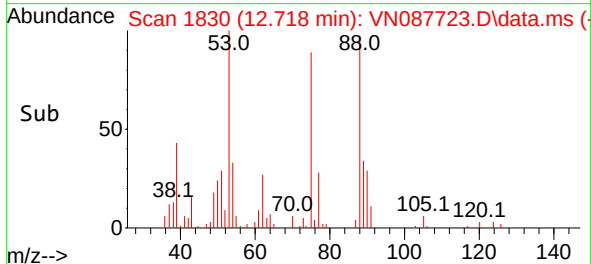
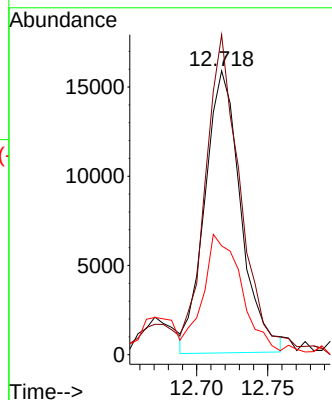
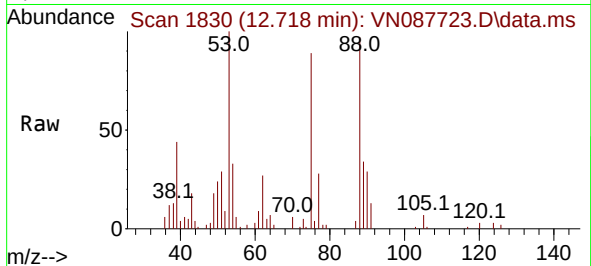




#77
t-1,4-Dichloro-2-butene
Concen: 18.763 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

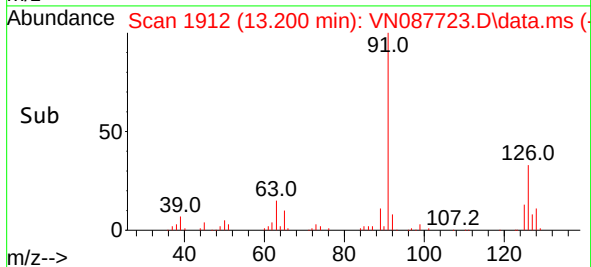
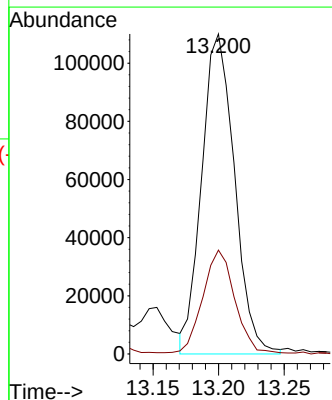
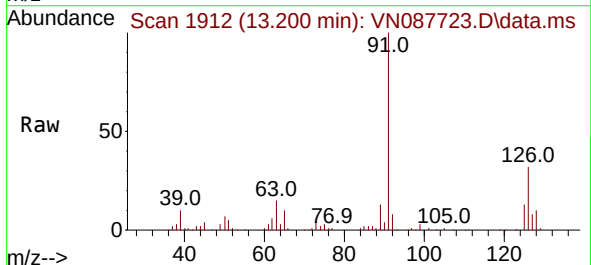
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

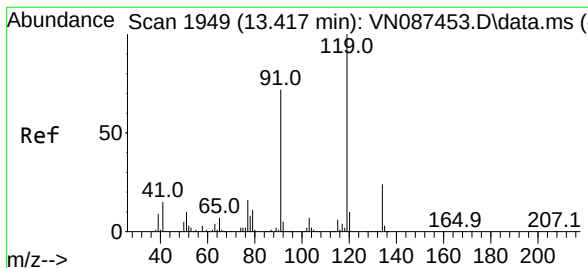
Tgt Ion: 75 Resp: 27859
Ion Ratio Lower Upper
75 100
53 113.8 59.0 176.8
89 39.5 22.1 66.5



#78
4-Chlorotoluene
Concen: 20.031 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 91 Resp: 191634
Ion Ratio Lower Upper
91 100
126 31.7 0.0 63.2

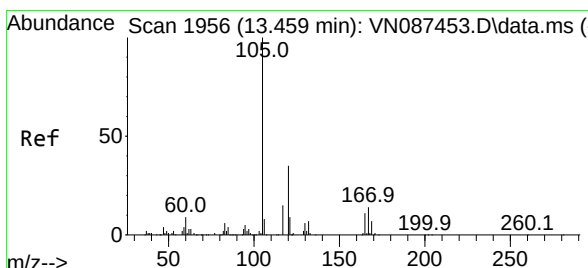
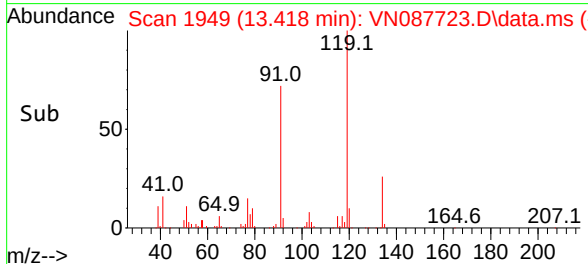
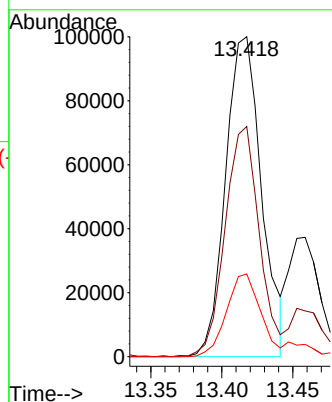
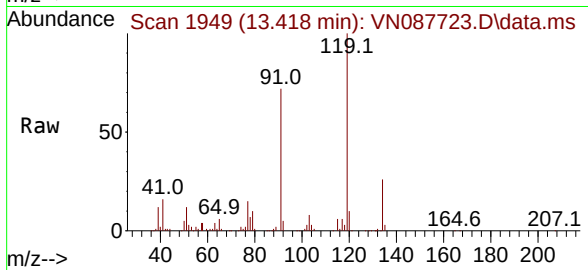




#79
tert-butylbenzene
Concen: 19.861 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

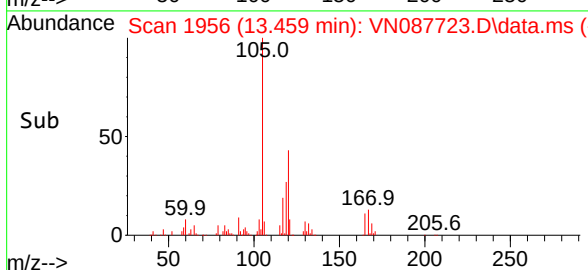
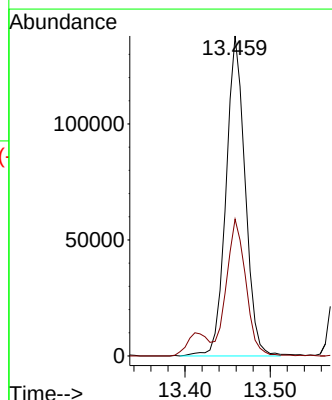
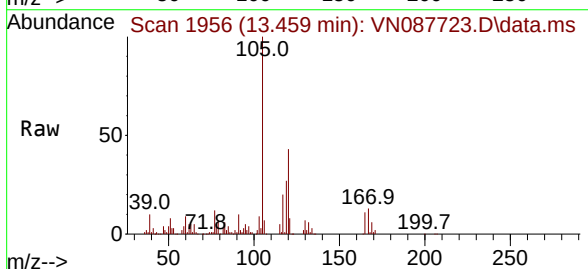
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

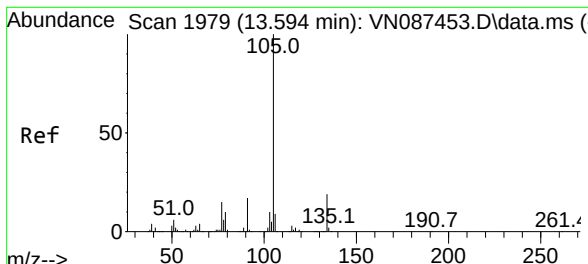
Tgt Ion:119 Resp: 176182
Ion Ratio Lower Upper
119 100
91 68.5 0.0 141.6
134 24.4 0.0 45.6



#80
1,2,4-Trimethylbenzene
Concen: 20.499 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion:105 Resp: 215522
Ion Ratio Lower Upper
105 100
120 43.1 0.0 87.2

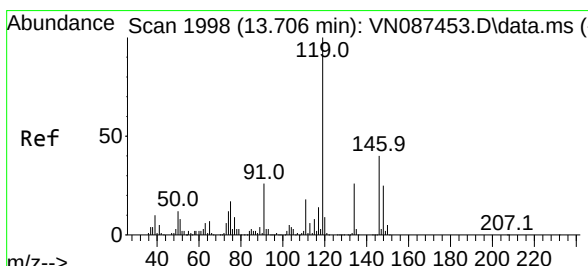
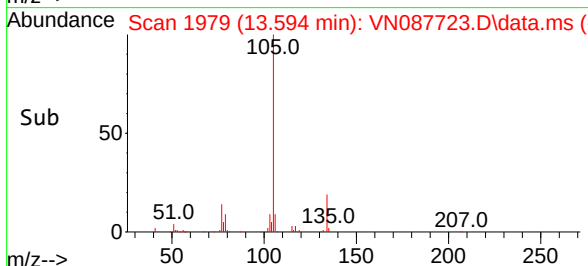
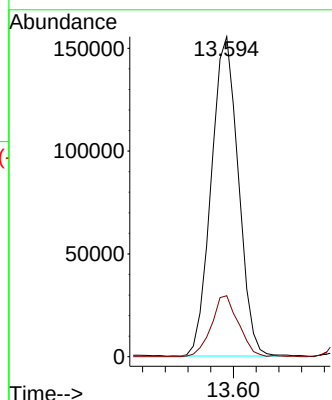
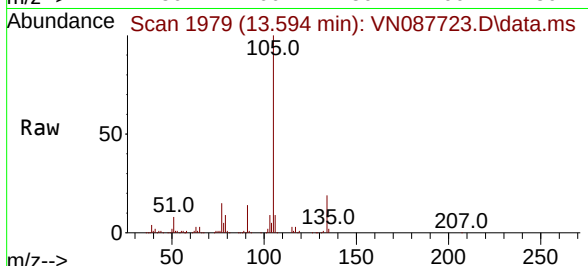




#81
 sec-Butylbenzene
 Concen: 19.938 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087723.D
 Acq: 04 Sep 2025 15:21

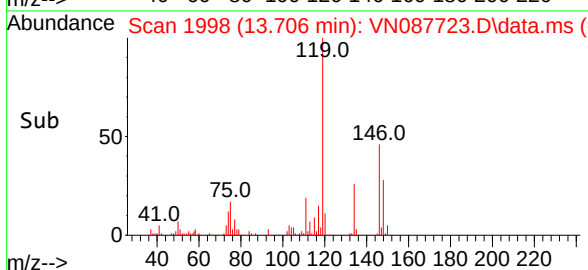
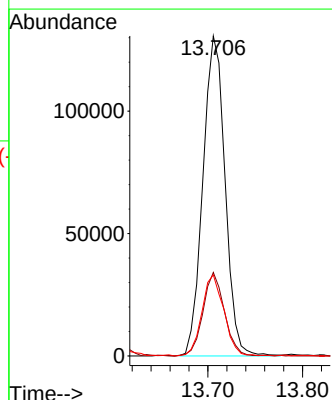
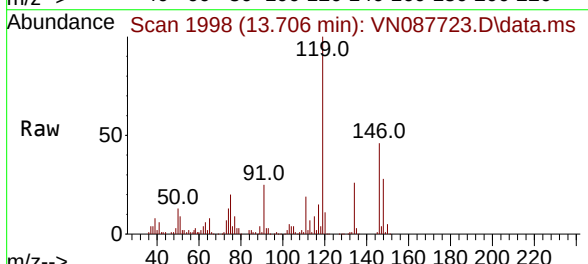
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

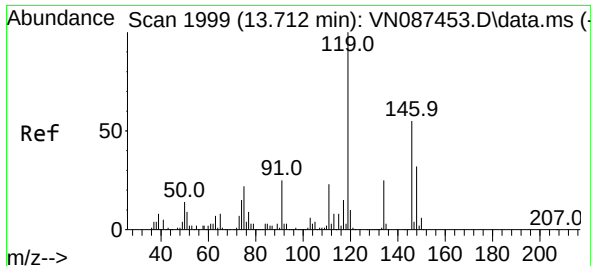
Tgt Ion:105 Resp: 257489
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 37.6



#82
 p-Isopropyltoluene
 Concen: 19.818 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087723.D
 Acq: 04 Sep 2025 15:21

Tgt Ion:119 Resp: 212506
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 51.4
 91 25.0 0.0 52.0

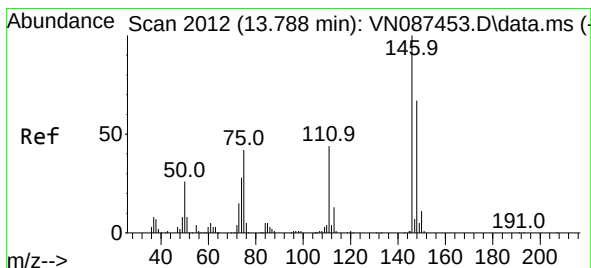
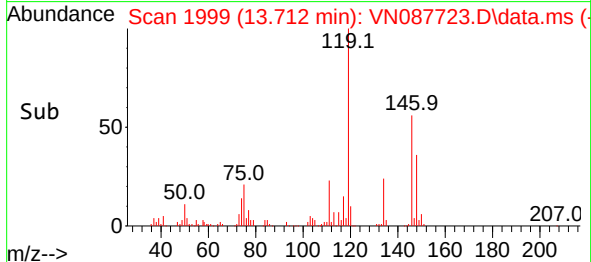
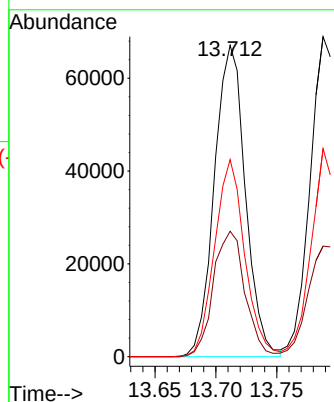
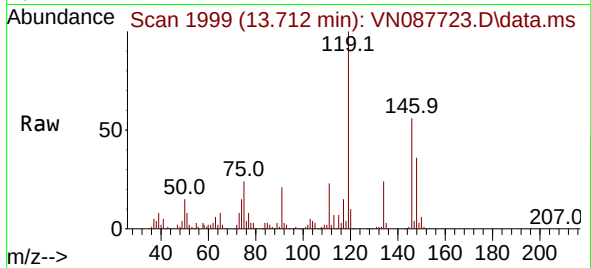




#83
 1,3-Dichlorobenzene
 Concen: 21.940 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087723.D
 Acq: 04 Sep 2025 15:21

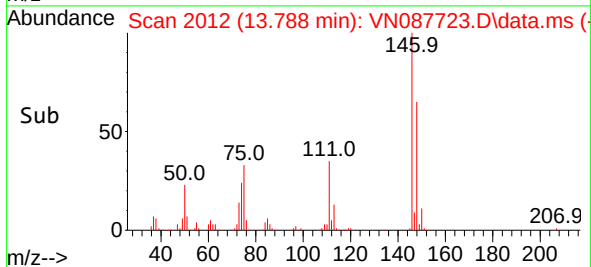
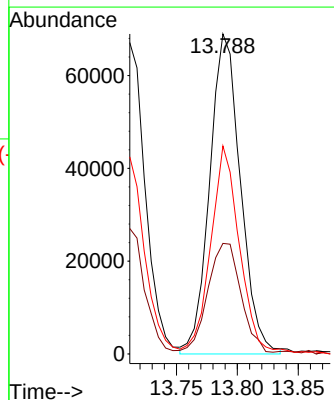
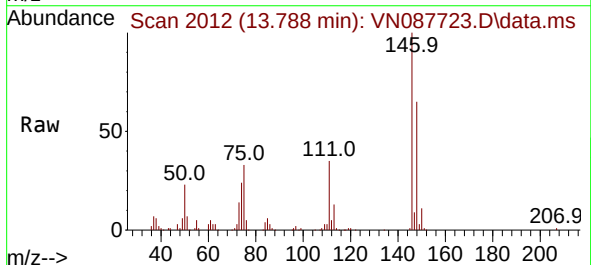
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

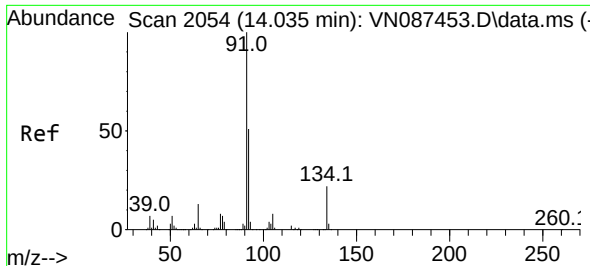
Tgt Ion:146 Resp: 119016
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.9 65.5
 148 61.7 31.3 93.9



#84
 1,4-Dichlorobenzene
 Concen: 22.064 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN087723.D
 Acq: 04 Sep 2025 15:21

Tgt Ion:146 Resp: 121344
 Ion Ratio Lower Upper
 146 100
 111 37.9 21.1 63.1
 148 59.8 31.4 94.3

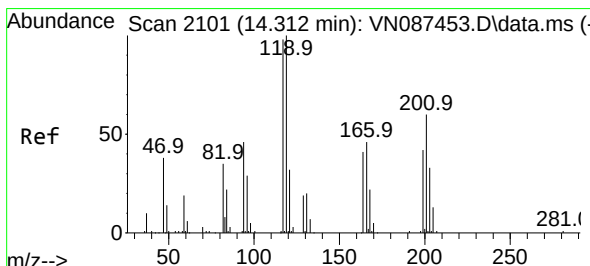
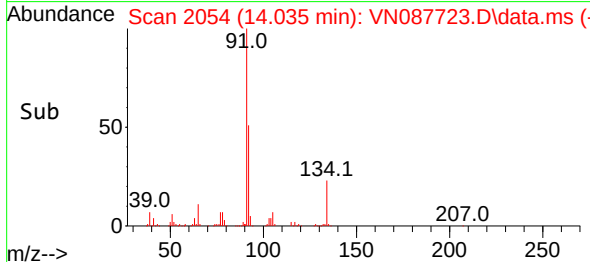
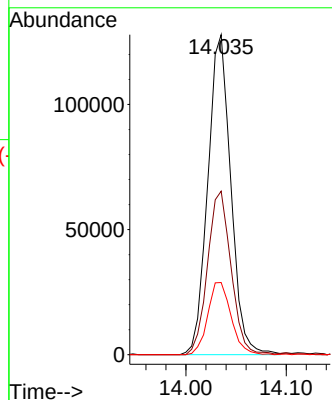
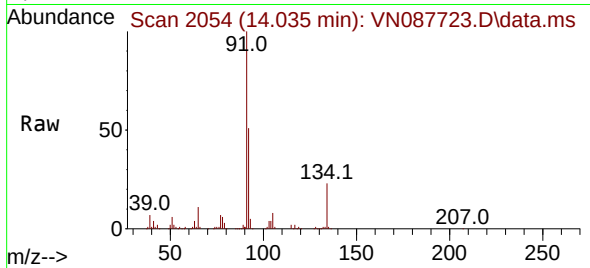




#85
n-Butylbenzene
Concen: 19.485 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

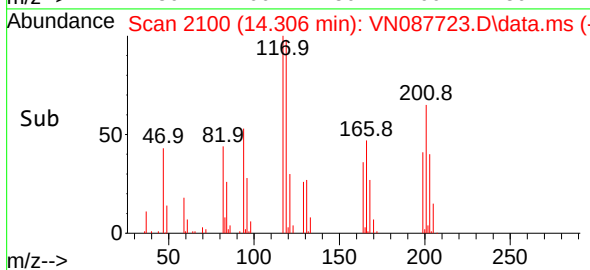
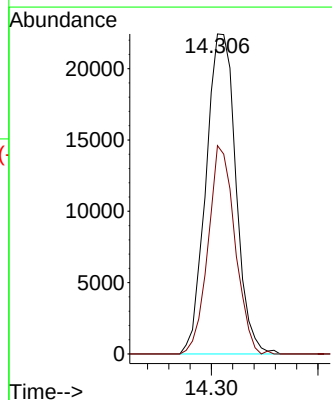
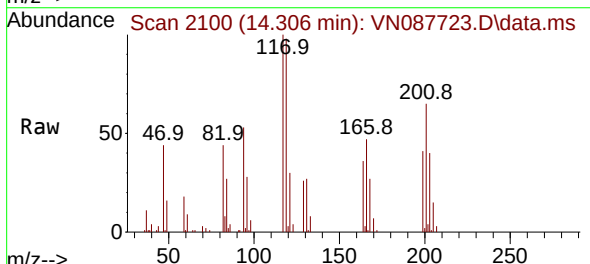
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

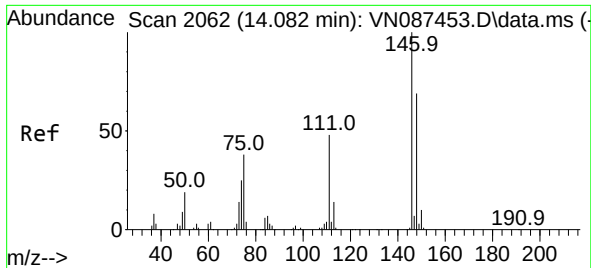
Tgt Ion: 91 Resp: 204421
Ion Ratio Lower Upper
91 100
92 52.0 0.0 106.6
134 23.0 0.0 44.4



#86
Hexachloroethane
Concen: 20.881 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087723.D
Acq: 04 Sep 2025 15:21

Tgt Ion: 117 Resp: 43724
Ion Ratio Lower Upper
117 100
201 58.4 29.1 87.4

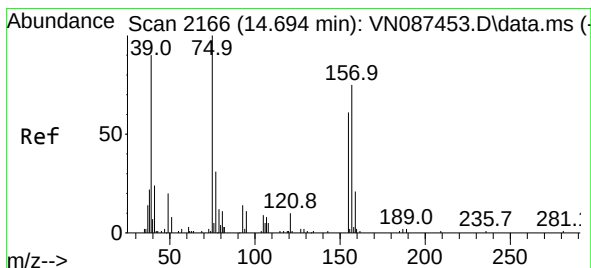
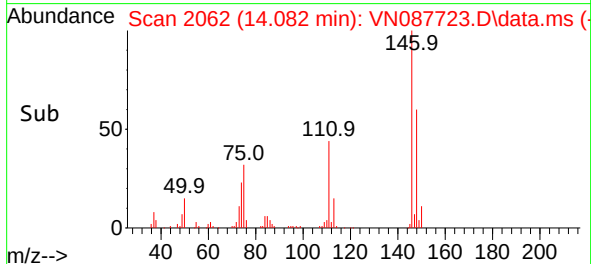
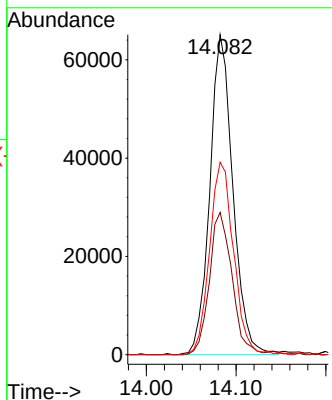
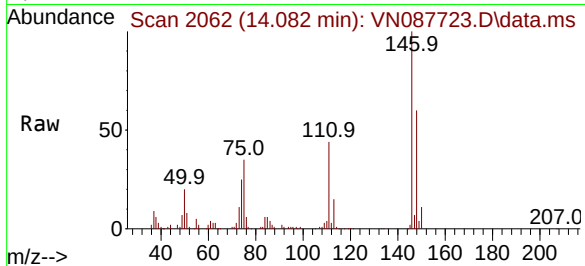




#87
 1,2-Dichlorobenzene
 Concen: 22.460 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN087723.D
 Acq: 04 Sep 2025 15:21

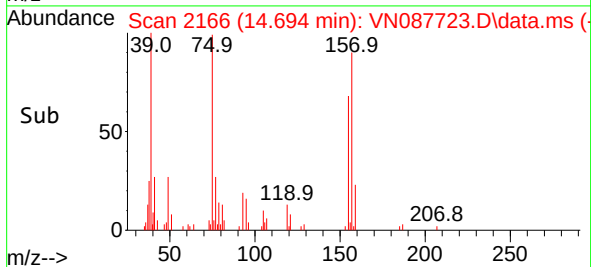
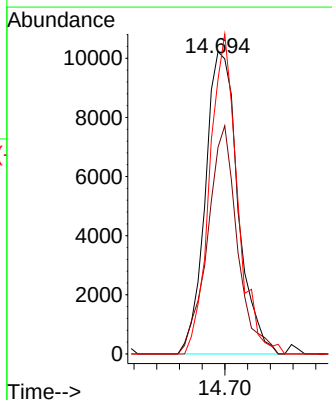
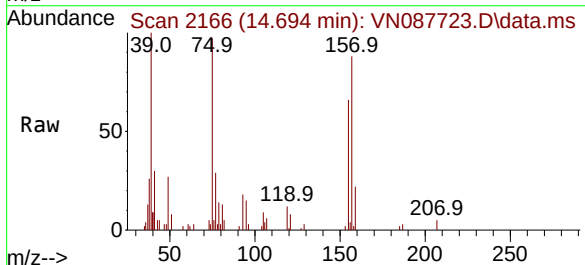
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

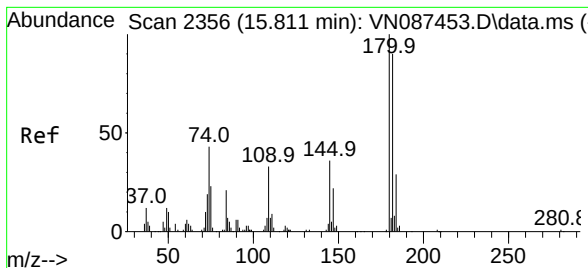
Tgt Ion:146 Resp: 116301
 Ion Ratio Lower Upper
 146 100
 111 43.5 22.9 68.7
 148 62.2 31.6 94.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.144 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VN087723.D
 Acq: 04 Sep 2025 15:21

Tgt Ion: 75 Resp: 20419
 Ion Ratio Lower Upper
 75 100
 155 68.7 55.7 83.5
 157 89.9 65.8 98.6





#89

1,2,4-Trichlorobenzene

Concen: 20.672 ug/l

RT: 15.811 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087723.D

Acq: 04 Sep 2025 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

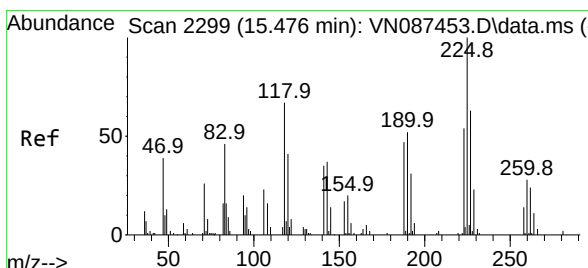
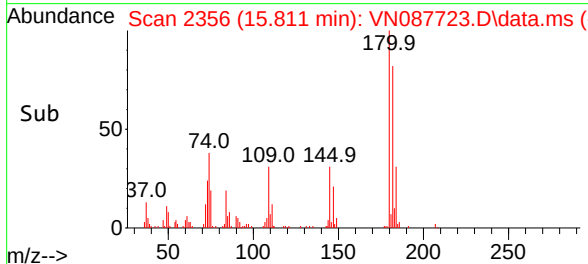
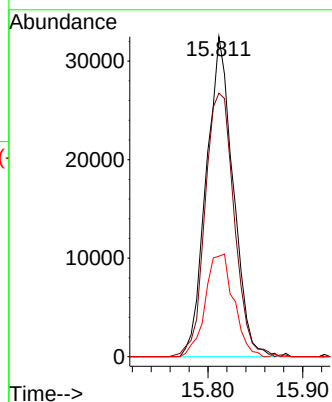
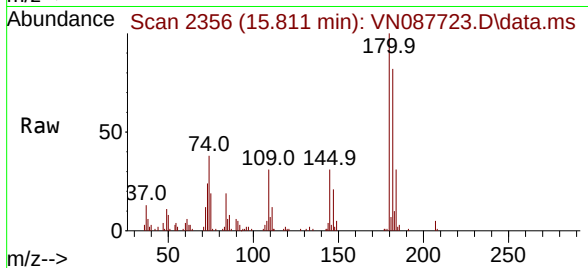
Tgt Ion:180 Resp: 63971

Ion Ratio Lower Upper

180 100

182 89.2 75.0 112.4

145 34.0 28.6 43.0



#90

Hexachlorobutadiene

Concen: 18.138 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VN087723.D

Acq: 04 Sep 2025 15:21

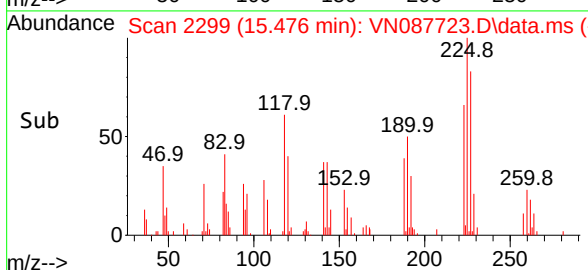
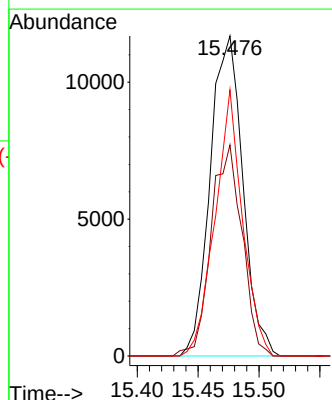
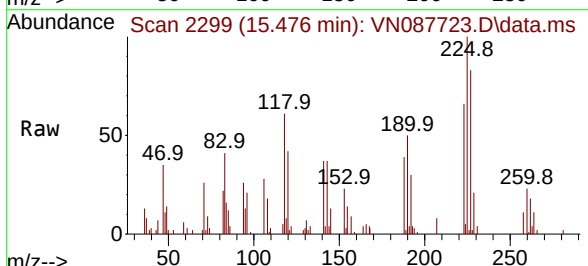
Tgt Ion:225 Resp: 21826

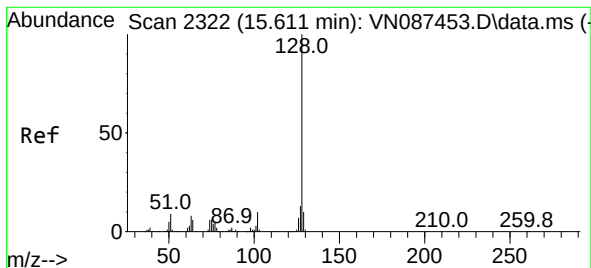
Ion Ratio Lower Upper

225 100

223 61.7 0.0 116.0

227 70.1 0.0 127.0





#91

Naphthalene

Concen: 18.638 ug/l

RT: 15.611 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087723.D

Acq: 04 Sep 2025 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

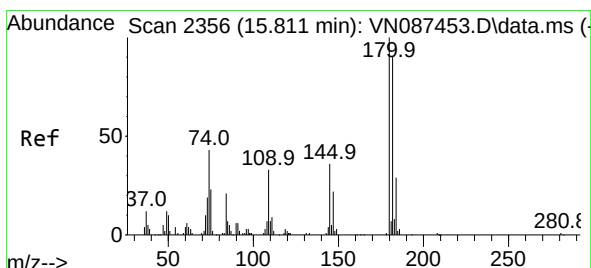
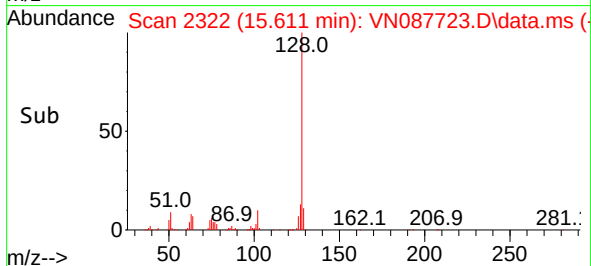
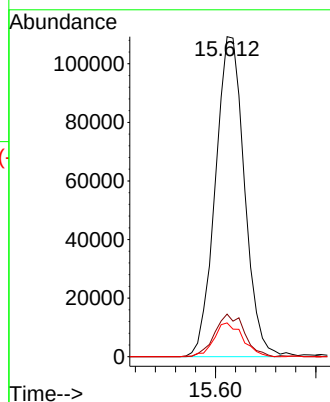
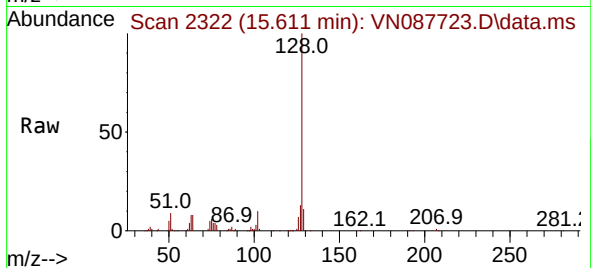
Tgt Ion:128 Resp: 219921

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 10.5 8.9 13.3



#92

1,2,3-Trichlorobenzene

Concen: 20.672 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087723.D

Acq: 04 Sep 2025 15:21

Tgt Ion:180 Resp: 63971

Ion Ratio Lower Upper

180 100

182 89.2 0.0 187.4

145 34.0 0.0 71.6

