

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
 Data File : VN087179.D
 Acq On : 25 Jun 2025 16:12
 Operator : JC\MD
 Sample : VSTDC00020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC00020EC

Quant Time: Jun 26 03:40:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	36303	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	199770	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	181447	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	82377	30.117	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.400%	
60) 4-Bromofluorobenzene	12.847	95	81074	28.956	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 96.533%	
63) Toluene-d8	10.571	98	247986	30.439	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.467%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	40482	18.525	ug/l	100
3) Chloromethane	2.395	50	42167	18.892	ug/l	98
4) Vinyl Chloride	2.554	62	43094	17.765	ug/l	99
5) Bromomethane	3.001	94	16358	12.706	ug/l	94
6) Chloroethane	3.153	64	24146	18.555	ug/l	91
7) Trichlorofluoromethane	3.530	101	51004	17.141	ug/l	100
8) Diethyl Ether	3.983	74	26035	17.809	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.400	101	42132	19.098	ug/l #	55
10) 1,1-Dichloroethene	4.371	96	41054	18.669	ug/l	98
11) Methyl Iodide	4.606	142	19910	10.106	ug/l	96
12) Methyl Acetate	5.047	43	67700	19.626	ug/l	95
13) Acrolein	4.200	56	32756	61.800	ug/l	98
14) Acrylonitrile	5.736	53	156091	97.014	ug/l	99
15) Acetone	4.448	58	43106	91.845	ug/l	92
16) Carbon Disulfide	4.742	76	119323	18.558	ug/l	97
17) Allyl chloride	5.053	41	66485	18.330	ug/l	92
18) Methylene Chloride	5.295	84	50023	19.635	ug/l	97
19) trans-1,2-Dichloroethene	5.806	96	46362	19.278	ug/l	96
20) Diisopropyl ether	6.689	45	151008	19.623	ug/l	96
21) 1,1-Dichloroethane	6.583	63	88673	19.279	ug/l	98
22) cis-1,2-Dichloroethene	7.500	96	55998	20.007	ug/l	95
23) tert-Butyl Alcohol	5.542	59	60361	99.755	ug/l #	100
24) Methyl tert-Butyl Ether	5.818	73	150611	19.528	ug/l	99
25) Chloroform	7.977	83	87793	19.924	ug/l	100
26) Cyclohexane	8.265	56	71620	18.734	ug/l #	96
29) 1,1-Dichloropropene	8.377	75	58240	18.705	ug/l	97
30) 2-Butanone	7.489	43	213122	101.469	ug/l	100
31) 2,2-Dichloropropane	7.500	77	74927	19.935	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	70132	19.280	ug/l	99
33) Carbon Tetrachloride	8.371	117	58439	19.090	ug/l	94
34) Benzene	8.612	78	197862	20.058	ug/l	98
35) Methacrylonitrile	7.783	41	42848	20.242	ug/l	93
36) 1,2-Dichloroethane	8.677	62	65253	20.474	ug/l	97
37) Trichloroethene	9.353	130	45765	20.114	ug/l	91
38) Methylcyclohexane	9.606	83	65236	18.260	ug/l	99
39) 1,2-Dichloropropane	9.624	63	47540	19.201	ug/l	96
40) Dibromomethane	9.712	93	32107	19.071	ug/l	99
41) Bromodichloromethane	9.888	83	66331	19.520	ug/l	98
42) Vinyl Acetate	6.618	43	624132	91.361	ug/l	97

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 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

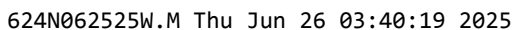
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 ClientSampleId :
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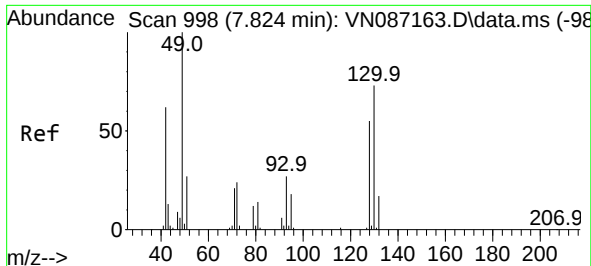
Quant Time: Jun 26 03:40:08 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	80830	21.318	ug/l	96
44) Isopropyl Acetate	8.694	43	123907	20.057	ug/l	100
45) 1,4-Dioxane	9.700	88	16430	393.166	ug/l	99
46) Methyl methacrylate	9.682	41	53606	18.666	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	74102	19.561	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	79655	19.779	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	47352	19.800	ug/l	97
51) Ethyl methacrylate	10.882	69	68339	18.775	ug/l	98
52) 1,3-Dichloropropane	11.165	76	82634	20.127	ug/l	99
53) Dibromochloromethane	11.359	129	49627	19.769	ug/l	99
54) 1,2-Dibromoethane	11.471	107	48454	19.638	ug/l	96
55) 2-Chloroethyl vinyl ether	10.165	63	175670	84.198	ug/l	99
56) Bromoform	12.576	173	32549	18.861	ug/l #	99
58) 4-Methyl-2-Pentanone	10.447	43	369720	101.356	ug/l	99
59) 2-Hexanone	11.206	43	219779	93.306	ug/l	94
61) Tetrachloroethene	11.106	164	37333	20.777	ug/l	96
62) Toluene	10.629	91	210351	20.526	ug/l	99
64) Chlorobenzene	11.894	112	133717	20.456	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	44817	20.750	ug/l	99
66) Ethyl Benzene	11.965	91	225779	20.129	ug/l	98
67) m/p-Xylenes	12.071	106	172886	40.222	ug/l	99
68) o-Xylene	12.400	106	83317	20.317	ug/l	99
69) Styrene	12.412	104	141457	20.093	ug/l	99
70) Isopropylbenzene	12.694	105	210358	20.597	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	70867	19.278	ug/l	96
72) 1,2,3-Trichloropropane	12.994	75	93933	29.631	ug/l	53
73) Bromobenzene	12.982	156	45554	18.388	ug/l	98
74) n-propylbenzene	13.035	91	243449	19.512	ug/l	99
75) 2-Chlorotoluene	13.123	91	149451	19.826	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	165874	19.951	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	25646	18.238	ug/l	94
78) 4-Chlorotoluene	13.223	91	156405	20.259	ug/l	99
79) tert-butylbenzene	13.435	119	138724	19.849	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	171626	20.557	ug/l	99
81) sec-Butylbenzene	13.618	105	210267	20.696	ug/l	100
82) p-Isopropyltoluene	13.729	119	167840	19.852	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	93115	19.518	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	92935	19.356	ug/l	100
85) n-Butylbenzene	14.053	91	156148	20.242	ug/l	99
86) Hexachloroethane	14.329	117	31840	19.895	ug/l	100
87) 1,2-Dichlorobenzene	14.106	146	89090	19.805	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	16859	20.367	ug/l	97
89) 1,2,4-Trichlorobenzene	15.841	180	51271	20.146	ug/l	97
90) Hexachlorobutadiene	15.500	225	16790	22.232	ug/l	95
91) Naphthalene	15.641	128	198074	19.776	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	51271	20.146	ug/l	97

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

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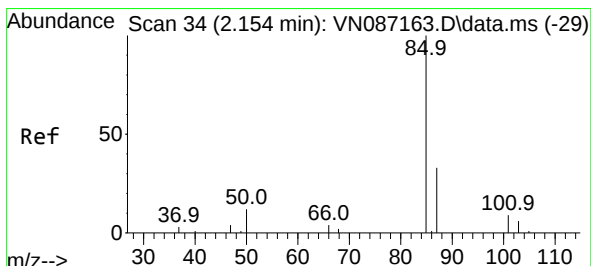
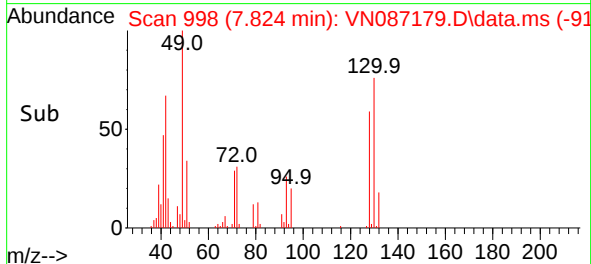
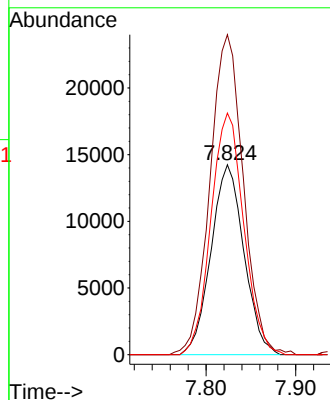
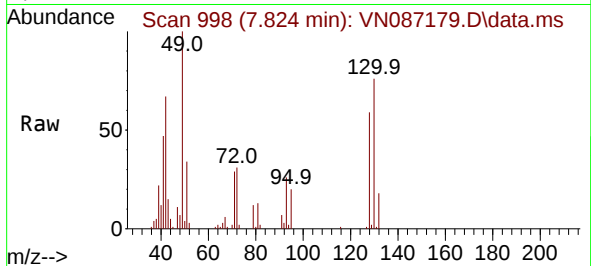




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

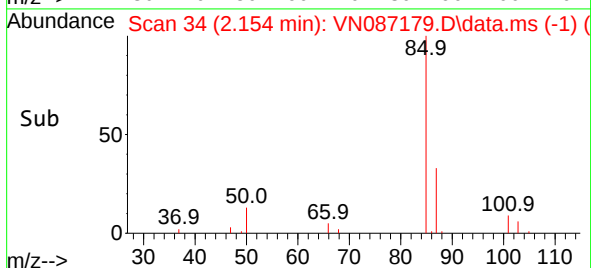
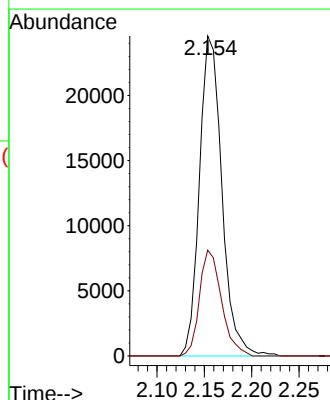
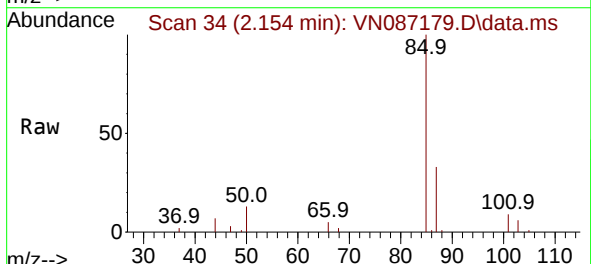
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ClientSampleId :
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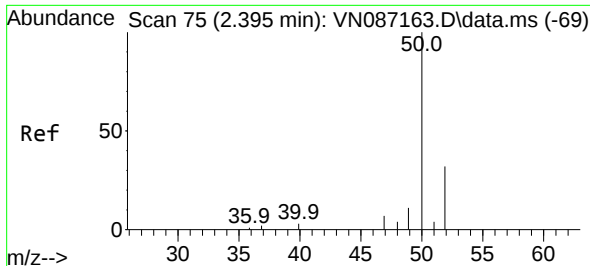
Tgt Ion:128 Resp: 36303
Ion Ratio Lower Upper
128 100
49 170.5 0.0 450.5
130 126.7 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 18.525 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion: 85 Resp: 40482
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.0

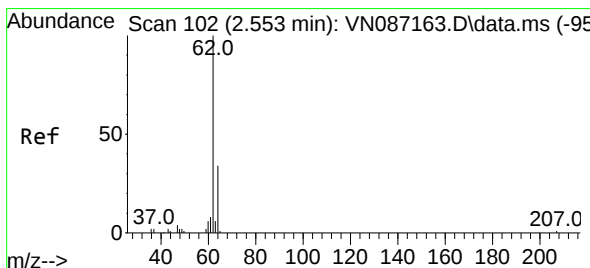
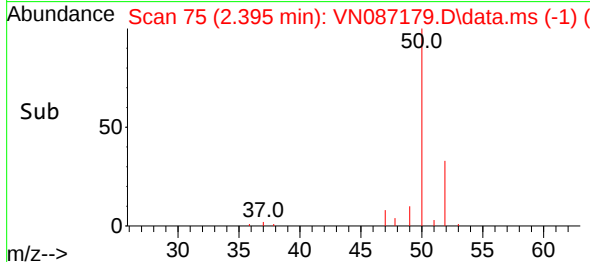
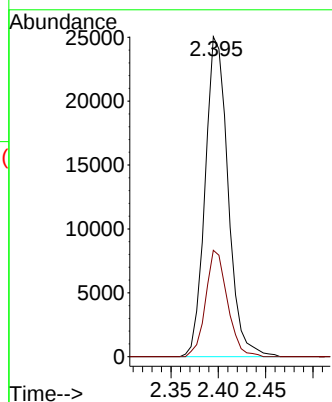
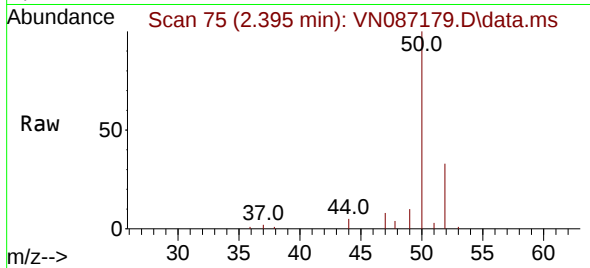




#3
Chloromethane
Concen: 18.892 ug/l
RT: 2.395 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

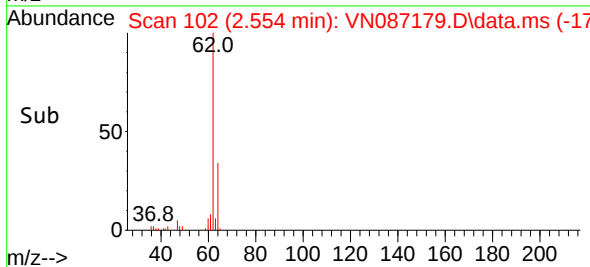
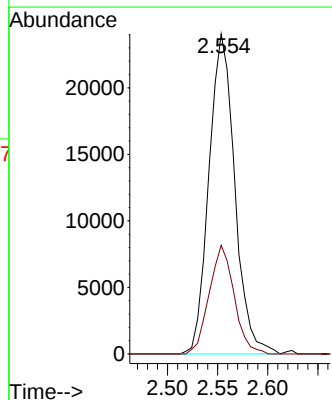
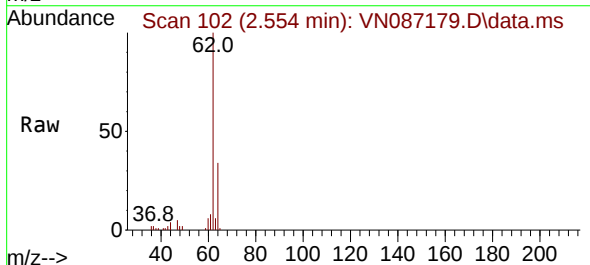
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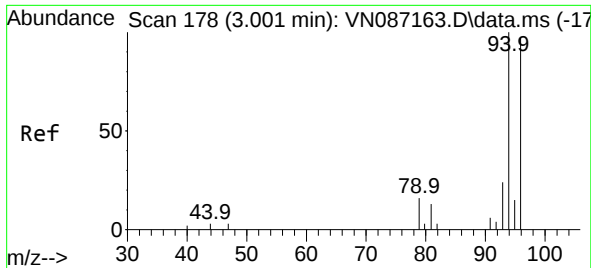
Tgt Ion: 50 Resp: 42167
Ion Ratio Lower Upper
50 100
52 33.3 25.9 38.9



#4
Vinyl Chloride
Concen: 17.765 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion: 62 Resp: 43094
Ion Ratio Lower Upper
62 100
64 33.9 27.4 41.2

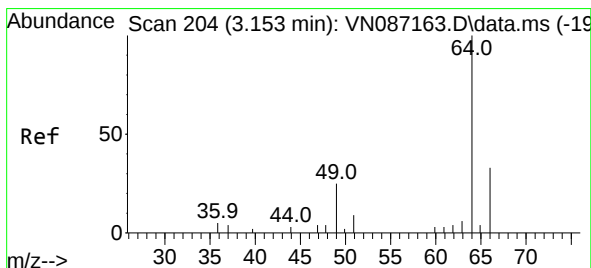
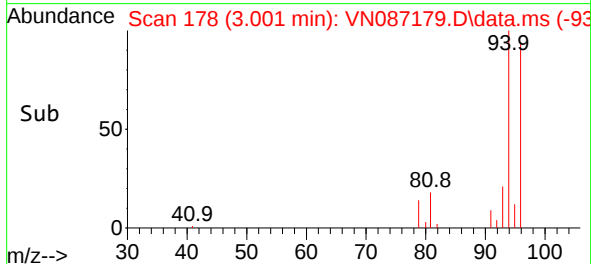
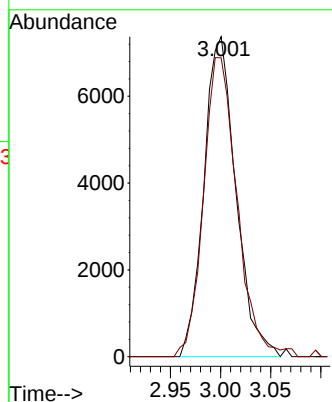
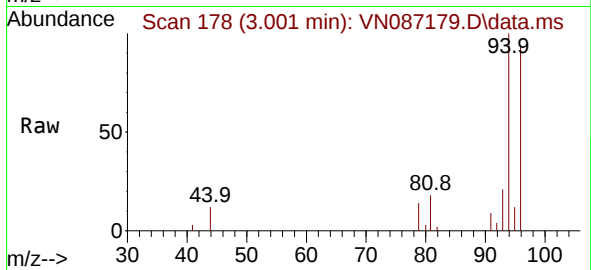




#5
Bromomethane
Concen: 12.706 ug/l
RT: 3.001 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

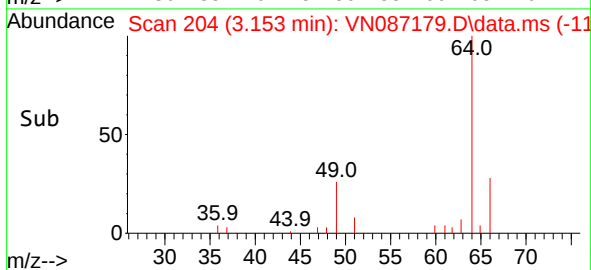
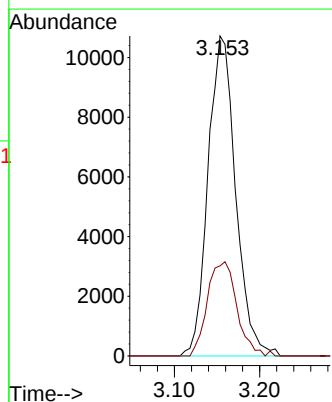
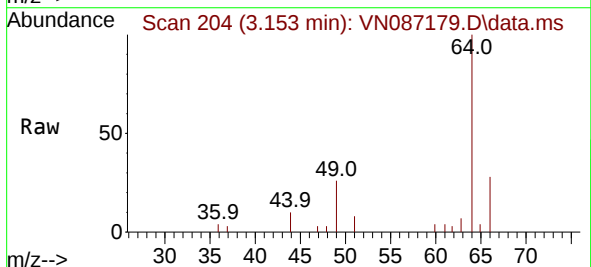
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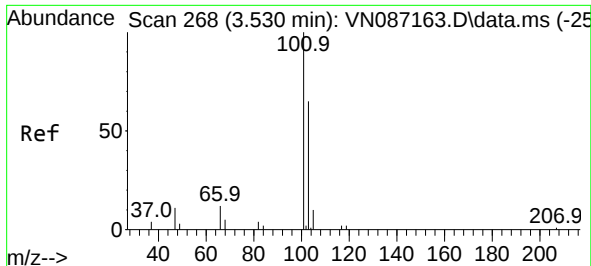
Tgt Ion: 94 Resp: 16358
Ion Ratio Lower Upper
94 100
96 91.3 77.9 116.9



#6
Chloroethane
Concen: 18.555 ug/l
RT: 3.153 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion: 64 Resp: 24146
Ion Ratio Lower Upper
64 100
66 28.1 26.4 39.6

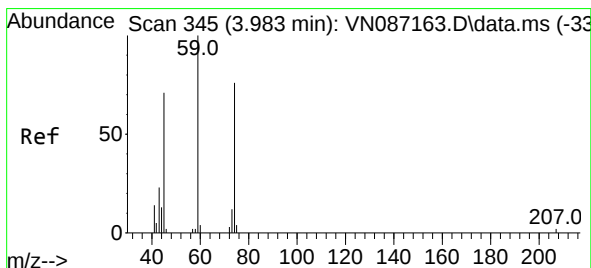
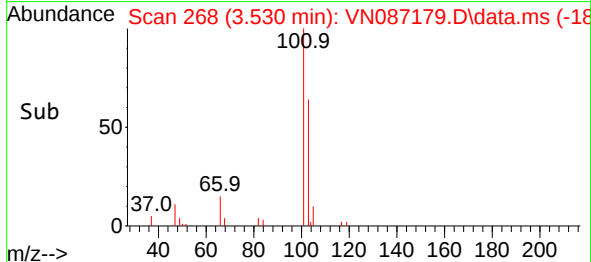
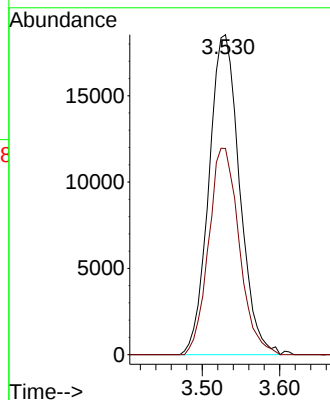
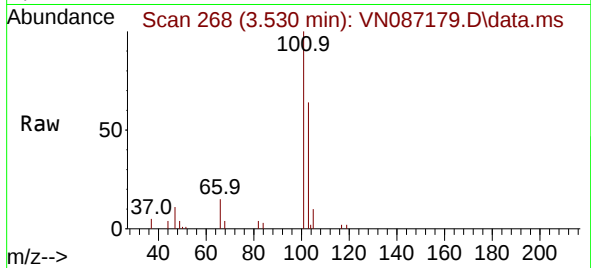




#7
 Trichlorofluoromethane
 Concen: 17.141 ug/l
 RT: 3.530 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087179.D
 Acq: 25 Jun 2025 16:12

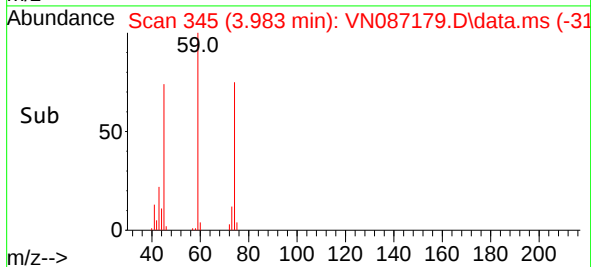
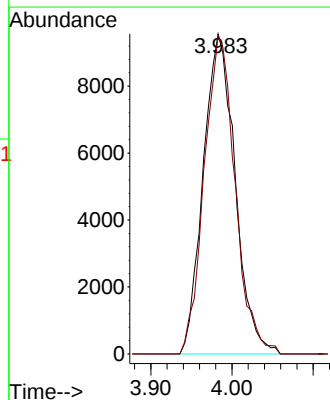
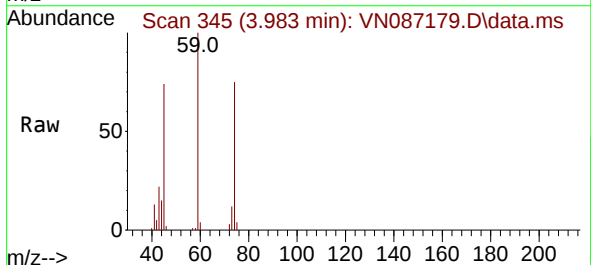
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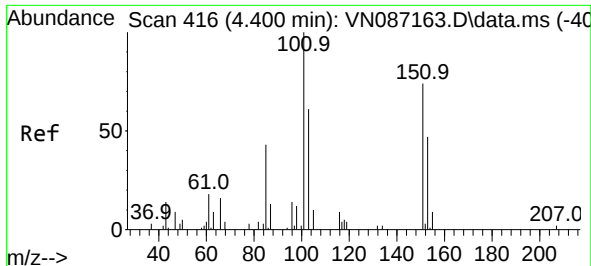
Tgt Ion:101 Resp: 51004
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.8 77.8



#8
 Diethyl Ether
 Concen: 17.809 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. 0.000 min
 Lab File: VN087179.D
 Acq: 25 Jun 2025 16:12

Tgt Ion: 74 Resp: 26035
 Ion Ratio Lower Upper
 74 100
 45 96.3 19.0 171.0

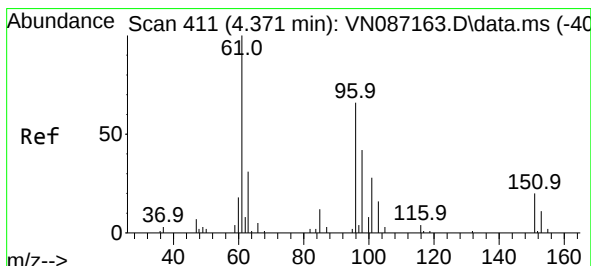
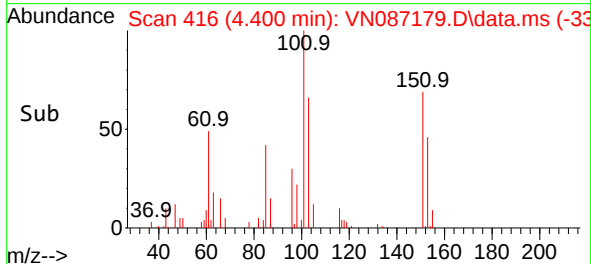
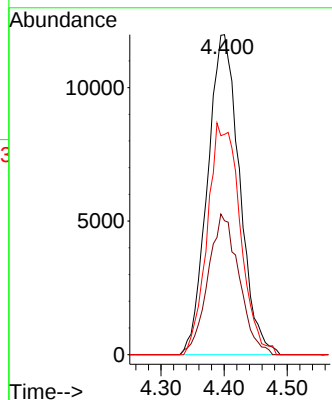
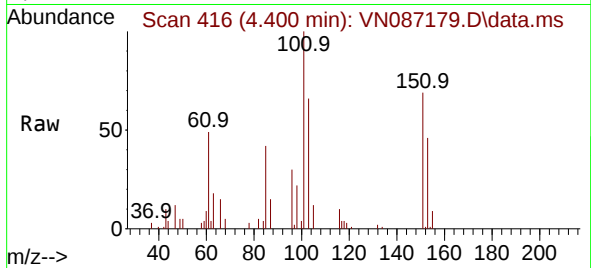




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.098 ug/l
 RT: 4.400 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VN087179.D
 Acq: 25 Jun 2025 16:12

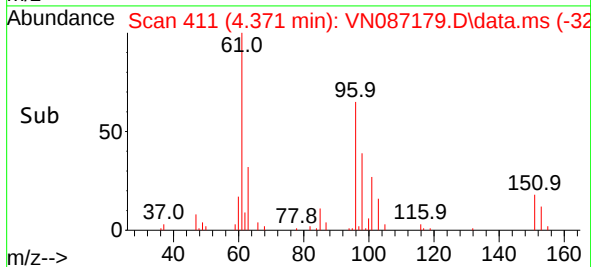
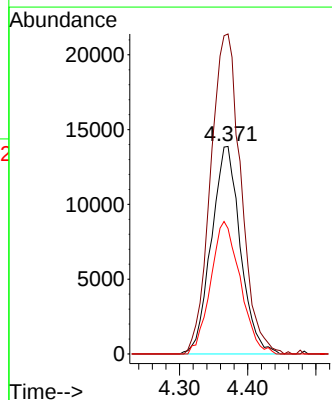
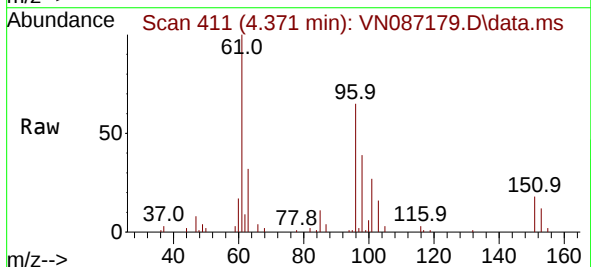
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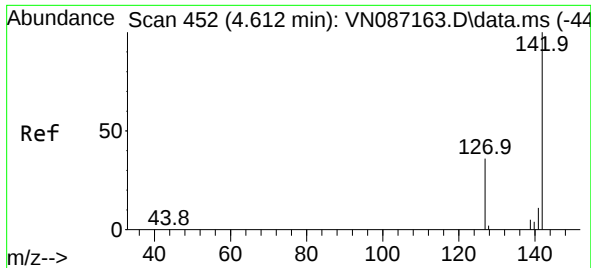
Tgt Ion:101 Resp: 42132
 Ion Ratio Lower Upper
 101 100
 85 42.8 0.0 40.6#
 151 33.9 0.0 141.2



#10
 1,1-Dichloroethene
 Concen: 18.669 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN087179.D
 Acq: 25 Jun 2025 16:12

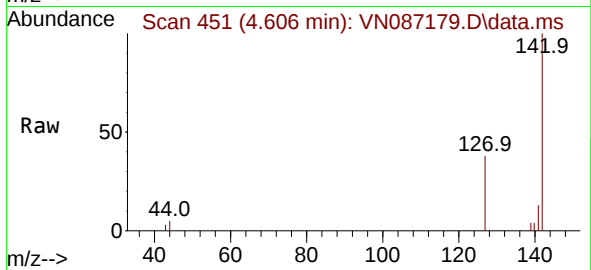
Tgt Ion: 96 Resp: 41054
 Ion Ratio Lower Upper
 96 100
 61 154.2 122.0 183.0
 98 60.4 50.3 75.5



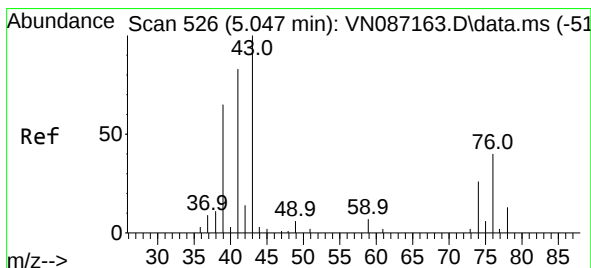
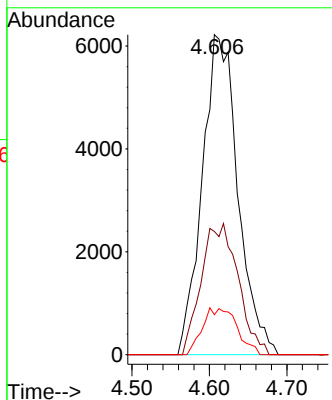
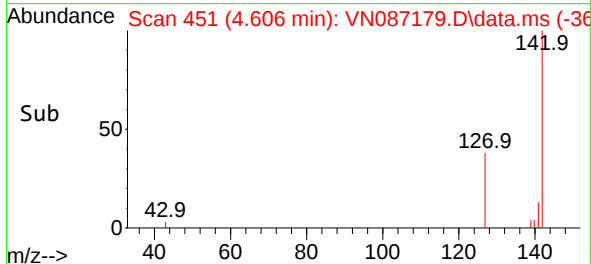


#11
Methyl Iodide
Concen: 10.106 ug/l
RT: 4.606 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

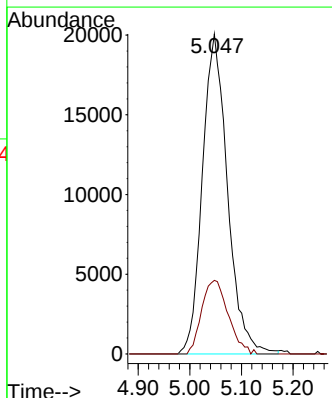
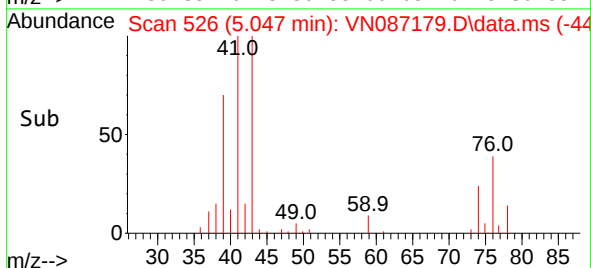
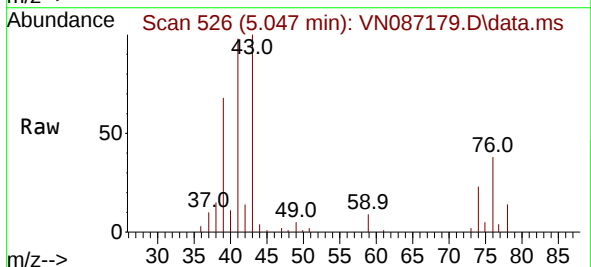


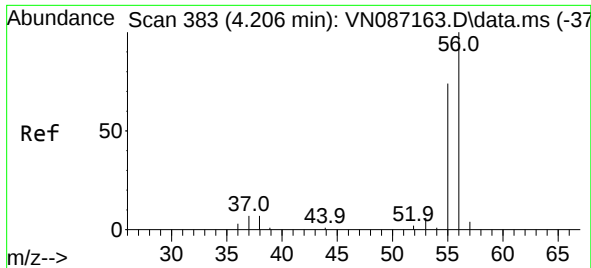
Tgt Ion:142 Resp: 19910
Ion Ratio Lower Upper
142 100
127 38.5 18.1 54.1
141 12.5 5.7 17.1



#12
Methyl Acetate
Concen: 19.626 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion: 43 Resp: 67700
Ion Ratio Lower Upper
43 100
74 23.1 20.3 30.5

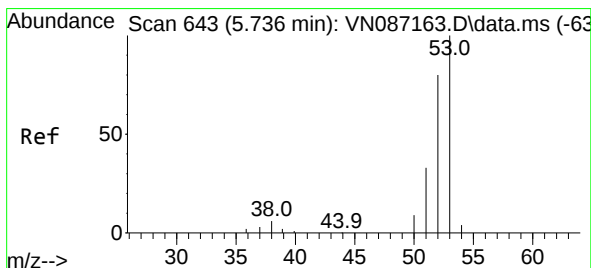
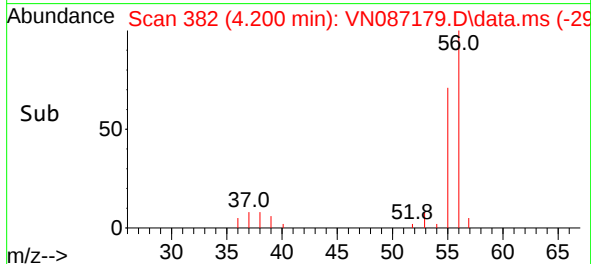
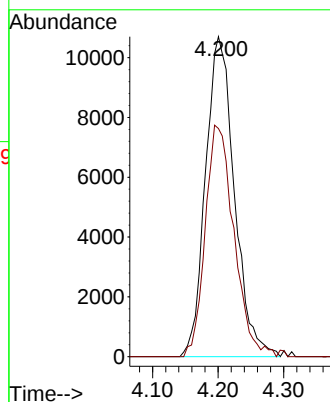
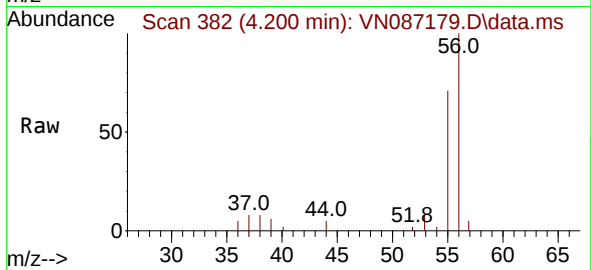




#13
Acrolein
Concen: 61.800 ug/l
RT: 4.200 min Scan# 383
Delta R.T. -0.006 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

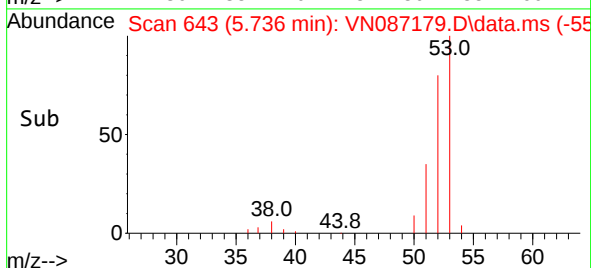
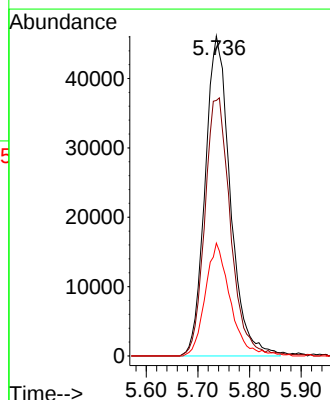
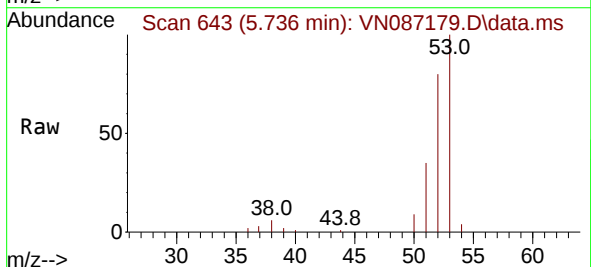
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

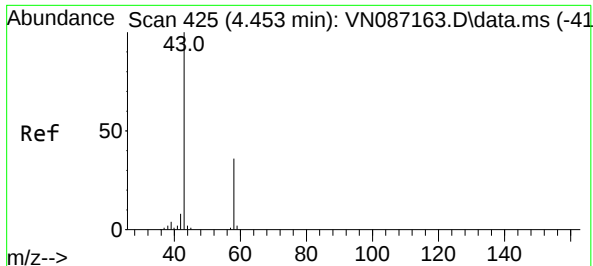
Tgt Ion: 56 Resp: 32756
Ion Ratio Lower Upper
56 100
55 70.9 55.7 83.5



#14
Acrylonitrile
Concen: 97.014 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion: 53 Resp: 156091
Ion Ratio Lower Upper
53 100
52 81.7 40.5 121.5
51 34.3 16.9 50.7





#15

Acetone

Concen: 91.845 ug/l

RT: 4.448 min Scan# 431

Delta R.T. -0.006 min

Lab File: VN087179.D

Acq: 25 Jun 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

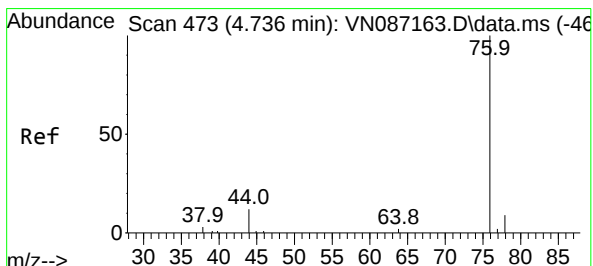
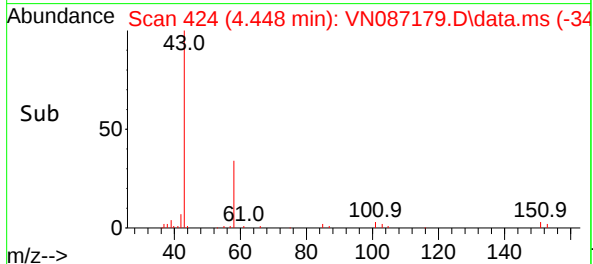
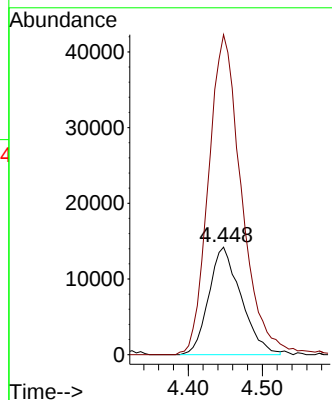
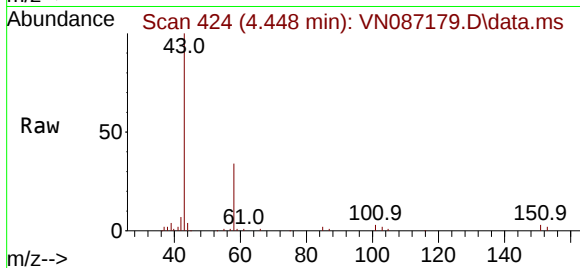
VSTDCCC020EC

Tgt Ion: 58 Resp: 43106

Ion Ratio Lower Upper

58 100

43 295.0 224.3 336.5



#16

Carbon Disulfide

Concen: 18.558 ug/l

RT: 4.742 min Scan# 474

Delta R.T. 0.006 min

Lab File: VN087179.D

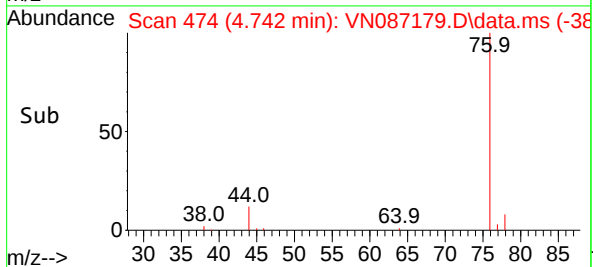
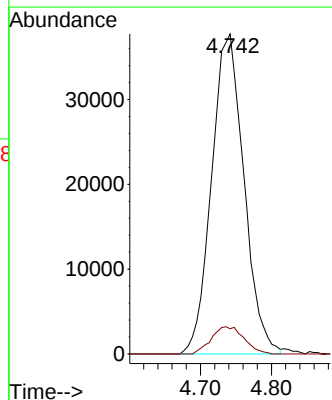
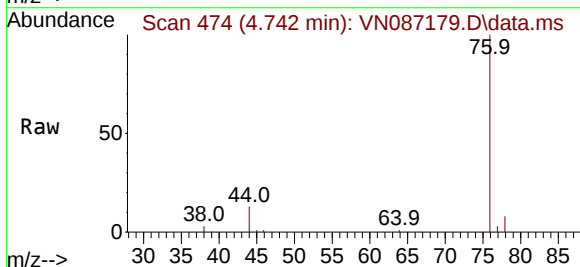
Acq: 25 Jun 2025 16:12

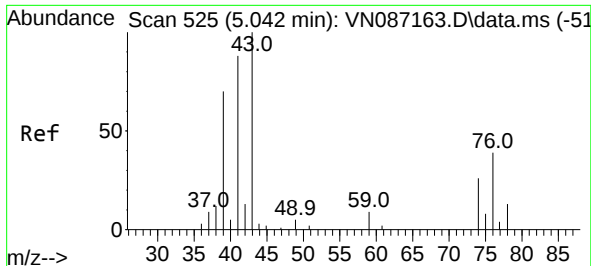
Tgt Ion: 76 Resp: 119323

Ion Ratio Lower Upper

76 100

78 7.9 7.2 10.8





#17

Allyl chloride

Concen: 18.330 ug/l

RT: 5.053 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN087179.D

Acq: 25 Jun 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

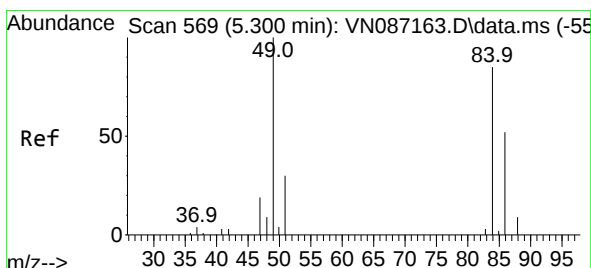
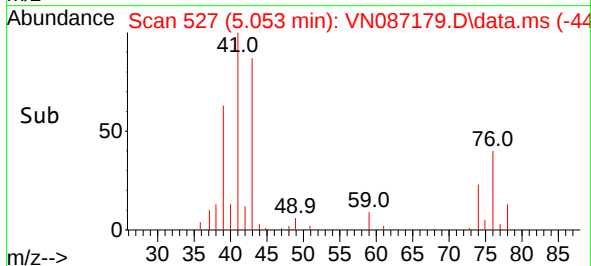
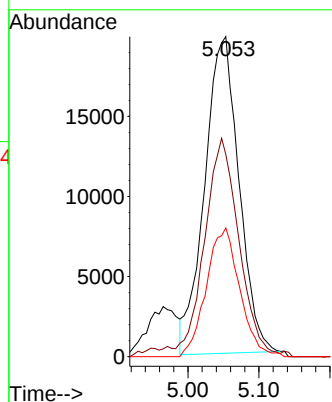
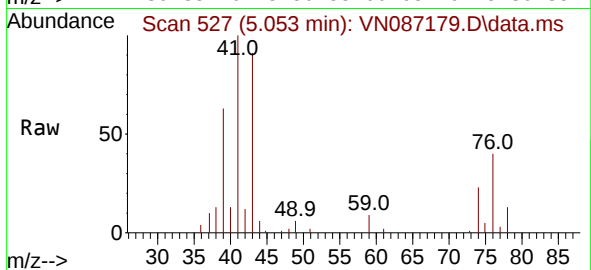
Tgt Ion: 41 Resp: 66485

Ion Ratio Lower Upper

41 100

39 63.2 36.0 108.0

76 40.9 19.5 58.5



#18

Methylene Chloride

Concen: 19.635 ug/l

RT: 5.295 min Scan# 568

Delta R.T. -0.006 min

Lab File: VN087179.D

Acq: 25 Jun 2025 16:12

Tgt Ion: 84 Resp: 50023

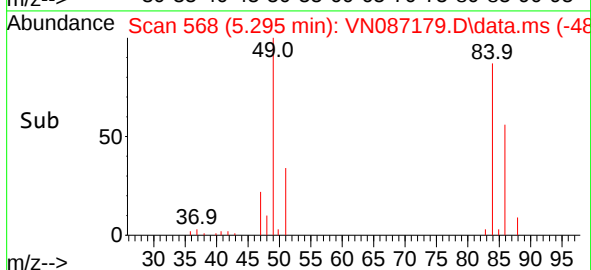
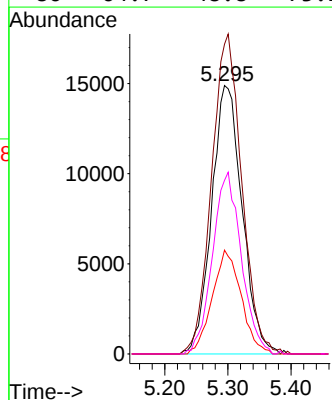
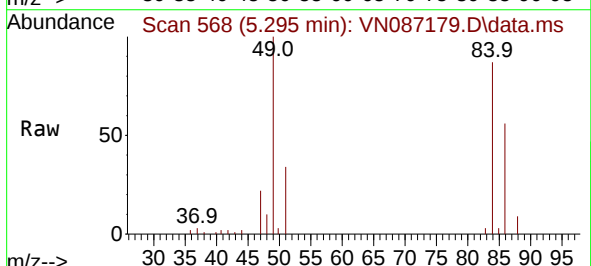
Ion Ratio Lower Upper

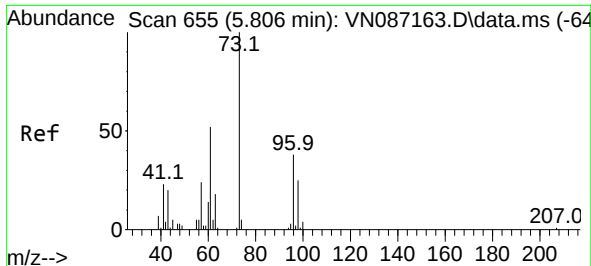
84 100

49 115.4 94.0 141.0

51 38.7 28.3 42.5

86 64.7 48.8 73.2

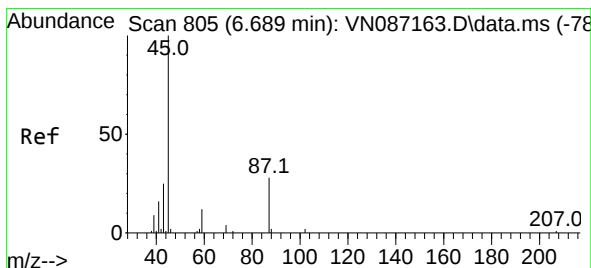
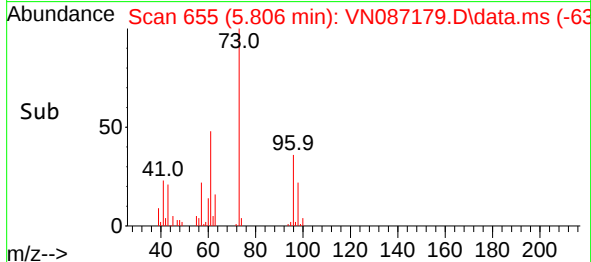
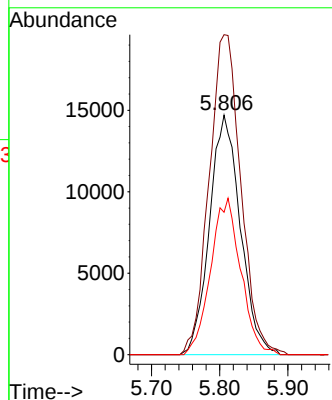
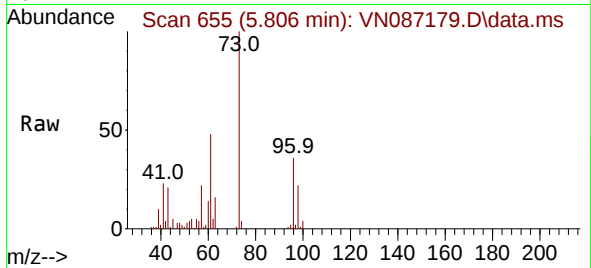




#19
trans-1,2-Dichloroethene
Concen: 19.278 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

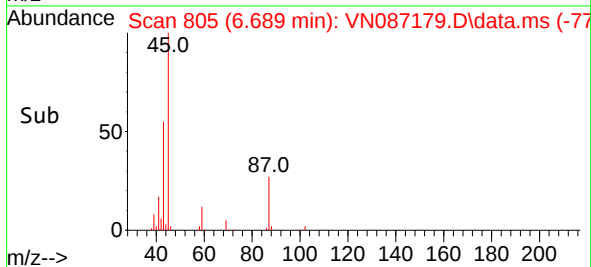
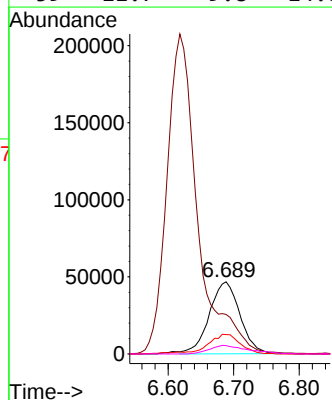
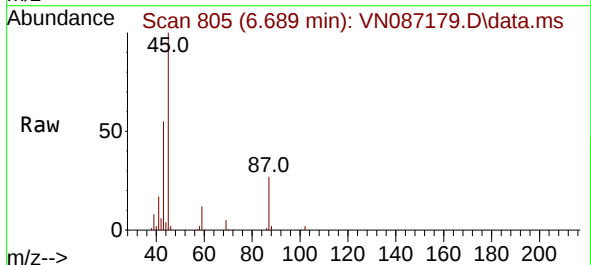
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 96 Resp: 46362
Ion Ratio Lower Upper
96 100
61 133.6 110.3 165.5
98 59.4 51.6 77.4



#20
Diisopropyl ether
Concen: 19.623 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion: 45 Resp: 151008
Ion Ratio Lower Upper
45 100
43 53.0 45.3 67.9
87 27.0 22.6 33.8
59 11.7 9.8 14.8

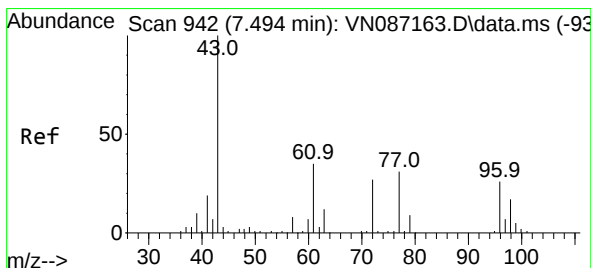
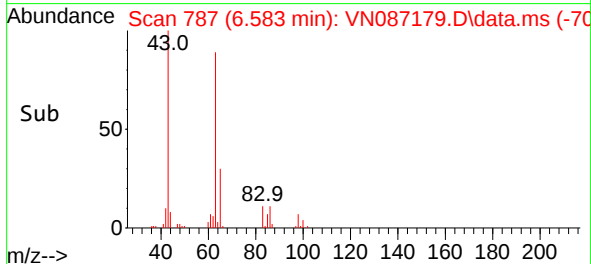
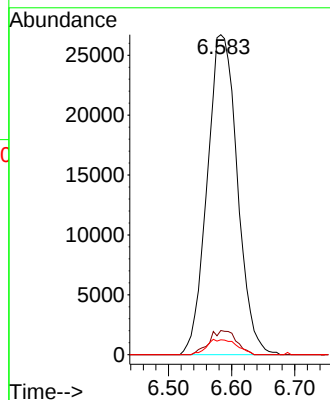
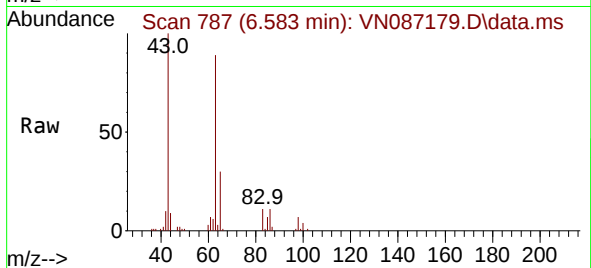




#21
 1,1-Dichloroethane
 Concen: 19.279 ug/l
 RT: 6.583 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN087179.D
 Acq: 25 Jun 2025 16:12

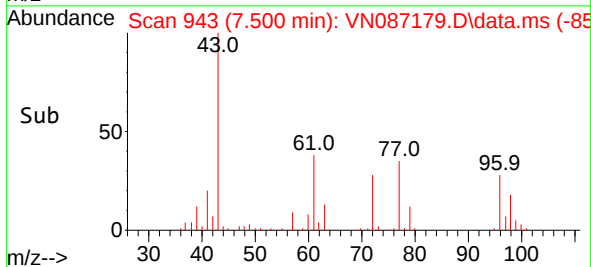
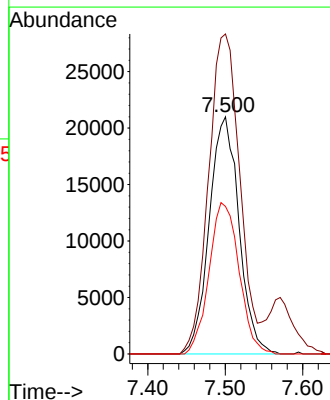
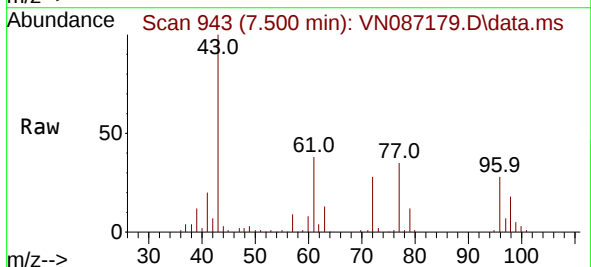
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

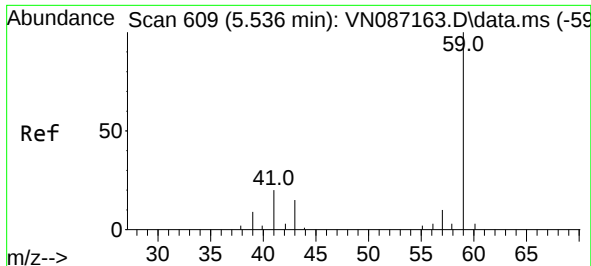
Tgt Ion: 63 Resp: 88673
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.6 2.0 5.8



#22
 cis-1,2-Dichloroethene
 Concen: 20.007 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. 0.006 min
 Lab File: VN087179.D
 Acq: 25 Jun 2025 16:12

Tgt Ion: 96 Resp: 55998
 Ion Ratio Lower Upper
 96 100
 61 140.7 119.2 178.8
 98 64.4 50.6 75.8

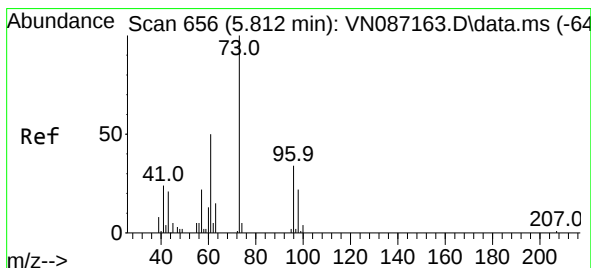
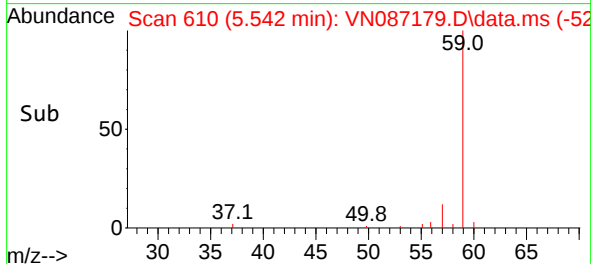
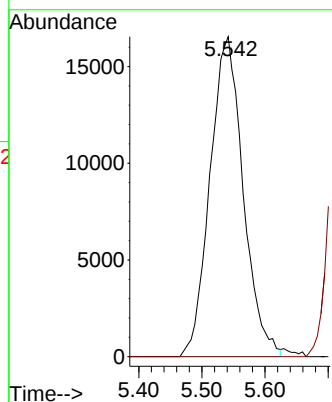
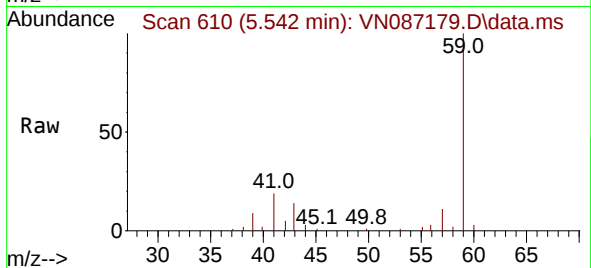




#23
tert-Butyl Alcohol
Concen: 99.755 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

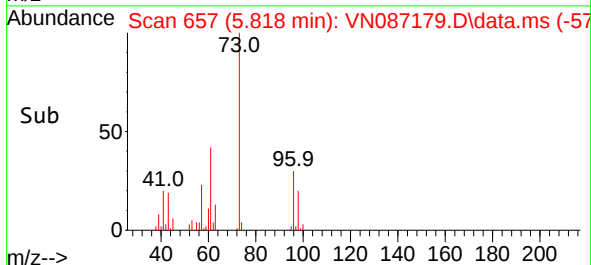
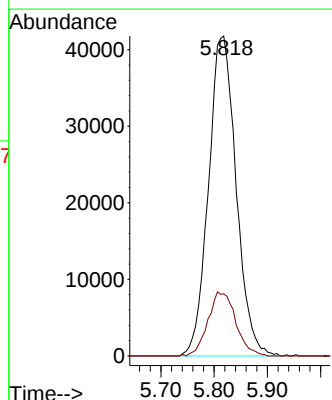
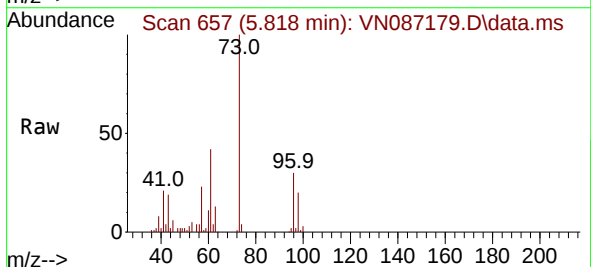
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

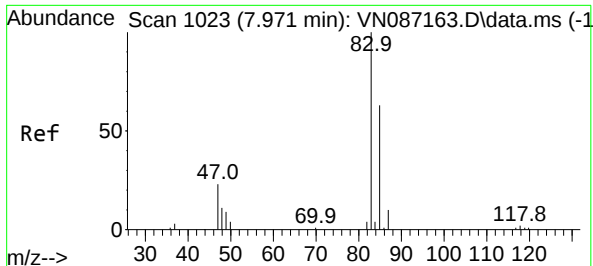
Tgt Ion: 59 Resp: 60361
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.528 ug/l
RT: 5.818 min Scan# 657
Delta R.T. 0.006 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion: 73 Resp: 150611
Ion Ratio Lower Upper
73 100
43 20.1 16.4 24.6





#25

Chloroform

Concen: 19.924 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN087179.D

Acq: 25 Jun 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

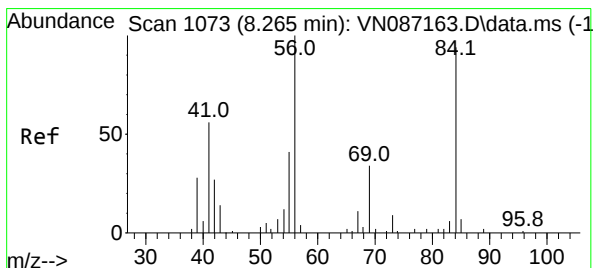
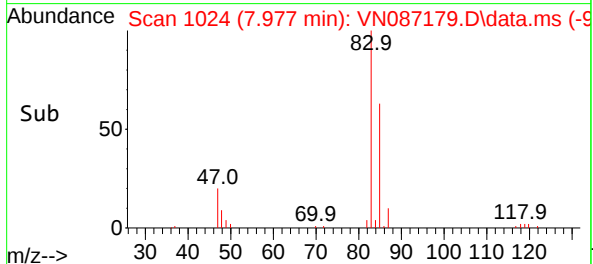
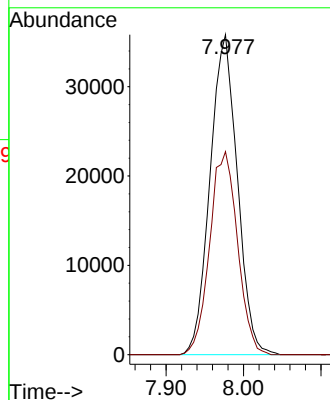
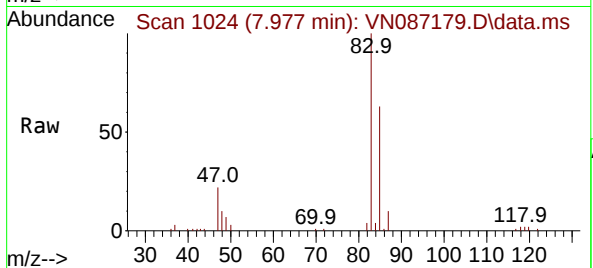
VSTDCCC020EC

Tgt Ion: 83 Resp: 87793

Ion Ratio Lower Upper

83 100

85 63.4 50.7 76.1



#26

Cyclohexane

Concen: 18.734 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN087179.D

Acq: 25 Jun 2025 16:12

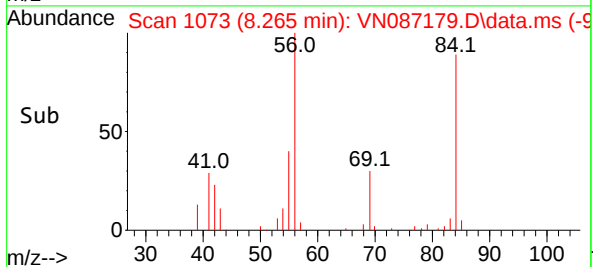
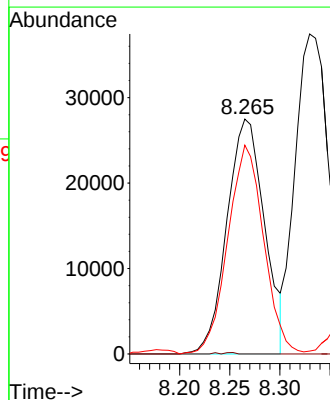
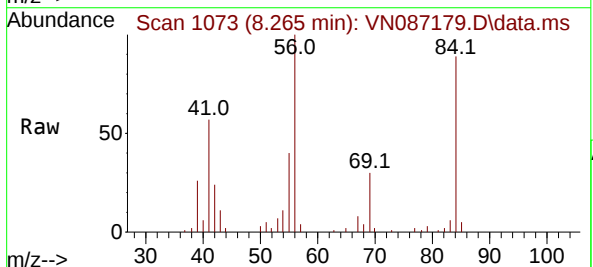
Tgt Ion: 56 Resp: 71620

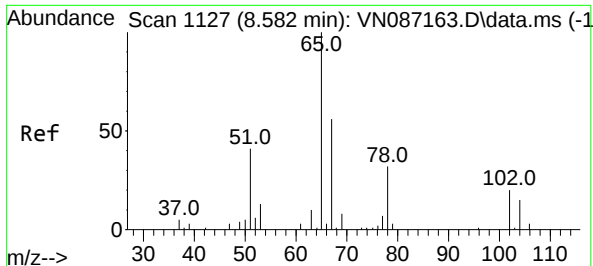
Ion Ratio Lower Upper

56 100

89 0.2 6.9 10.3#

84 85.0 69.1 103.7

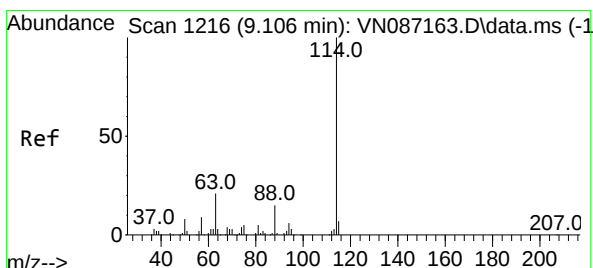
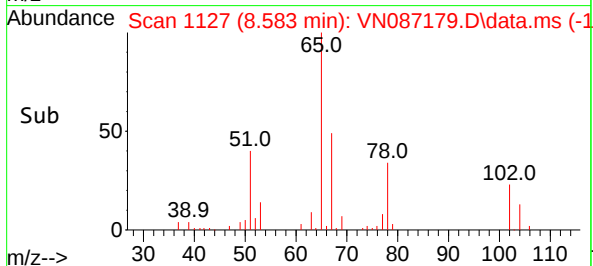
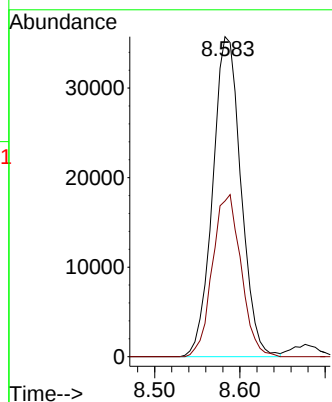
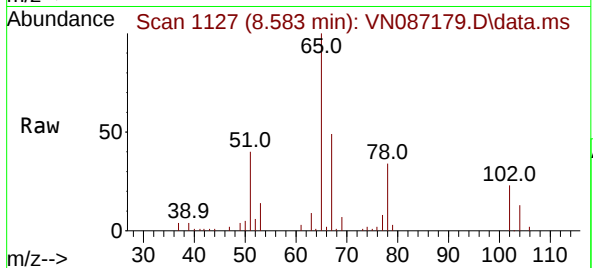




#27
1,2-Dichloroethane-d4
Concen: 30.117 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

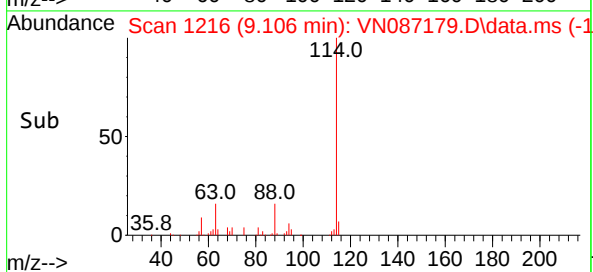
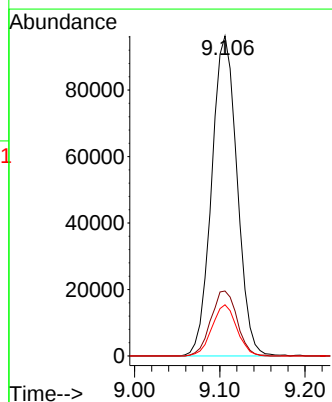
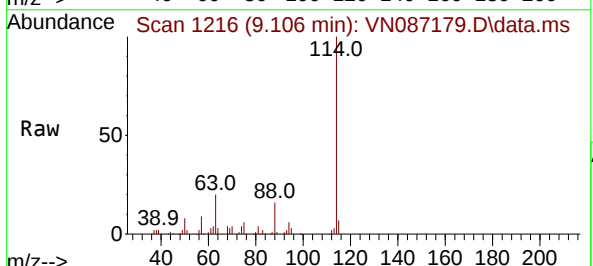
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

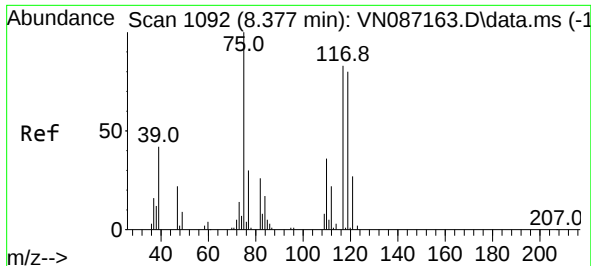
Tgt Ion: 65 Resp: 82377
Ion Ratio Lower Upper
65 100
67 51.1 41.9 62.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion: 114 Resp: 199770
Ion Ratio Lower Upper
114 100
63 20.9 17.0 25.4
88 15.6 12.6 19.0

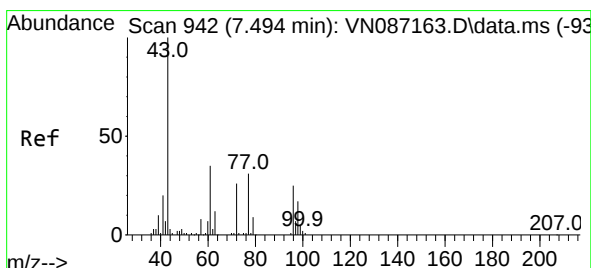
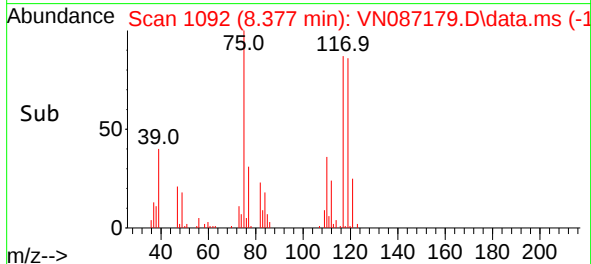
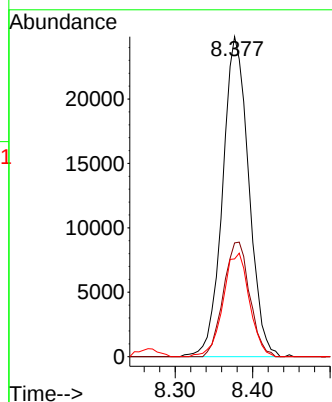
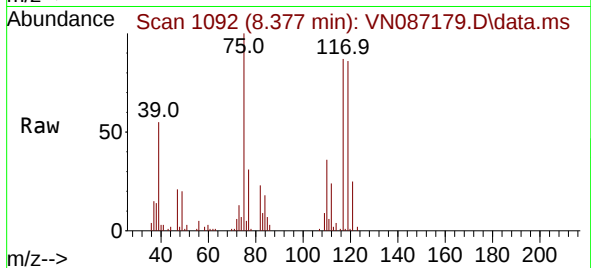




#29
1,1-Dichloropropene
Concen: 18.705 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

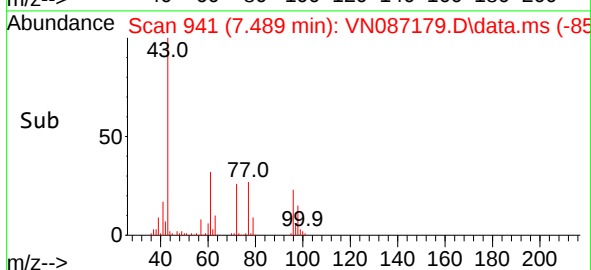
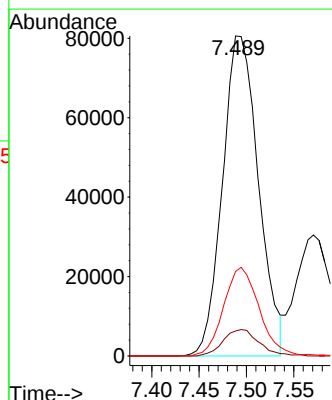
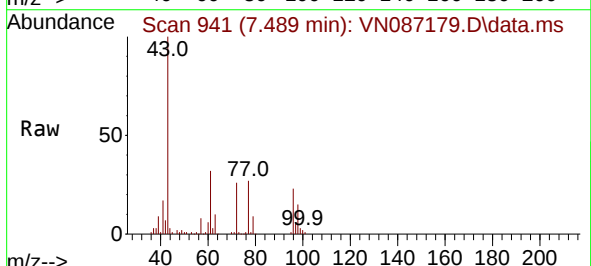
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 58240
Ion Ratio Lower Upper
75 100
110 35.9 0.0 69.2
77 32.6 0.0 61.8



#30
2-Butanone
Concen: 101.469 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion: 43 Resp: 213122
Ion Ratio Lower Upper
43 100
57 8.1 6.3 9.5
72 27.3 21.8 32.6





#31

2,2-Dichloropropane

Concen: 19.935 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.000 min

Lab File: VN087179.D

Acq: 25 Jun 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

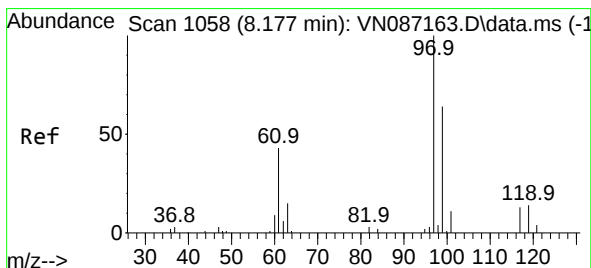
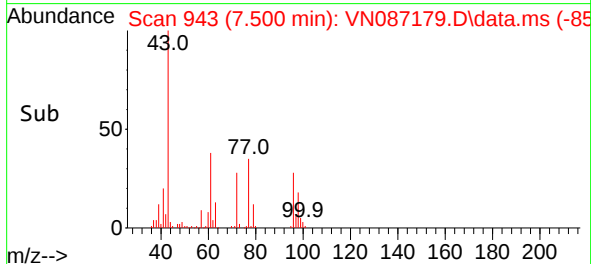
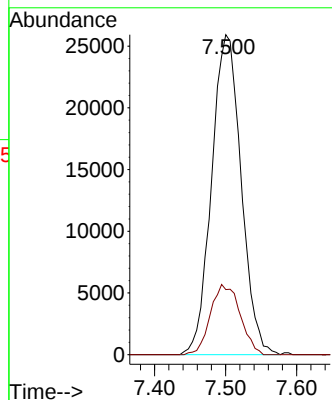
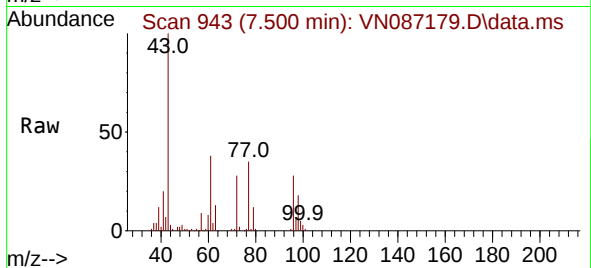
VSTDCCC020EC

Tgt Ion: 77 Resp: 74927

Ion Ratio Lower Upper

77 100

97 22.0 18.4 27.6



#32

1,1,1-Trichloroethane

Concen: 19.280 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN087179.D

Acq: 25 Jun 2025 16:12

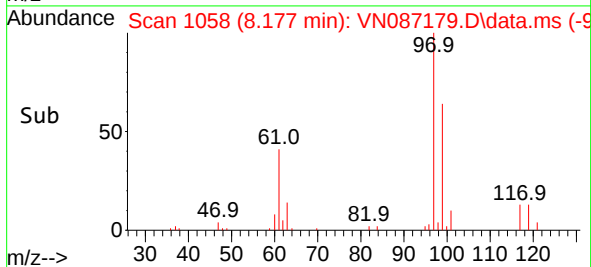
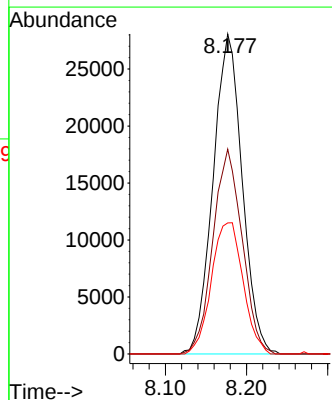
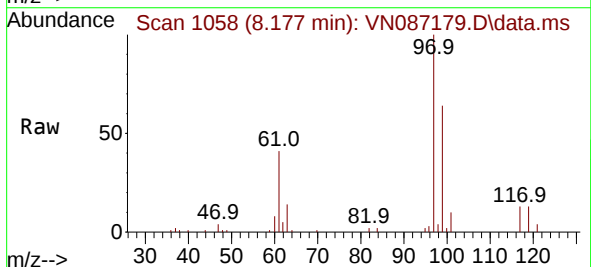
Tgt Ion: 97 Resp: 70132

Ion Ratio Lower Upper

97 100

99 64.1 50.8 76.2

61 44.5 36.1 54.1

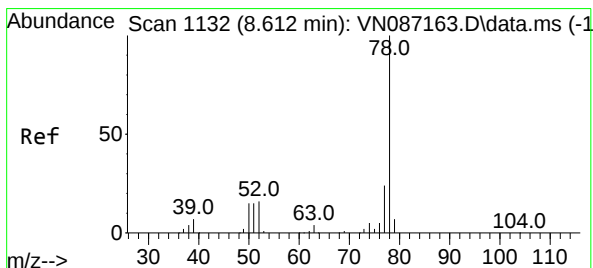
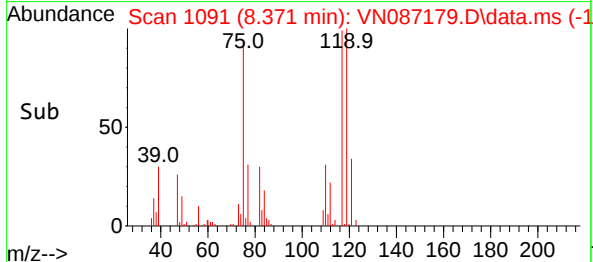
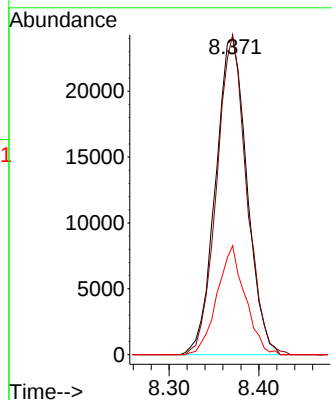
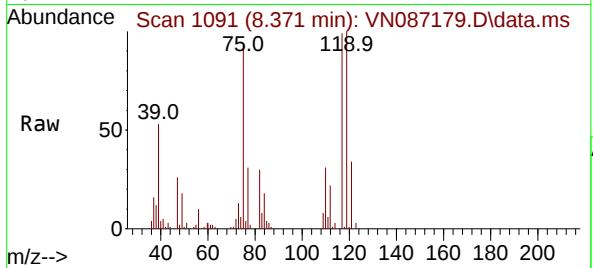




#33
Carbon Tetrachloride
Concen: 19.090 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

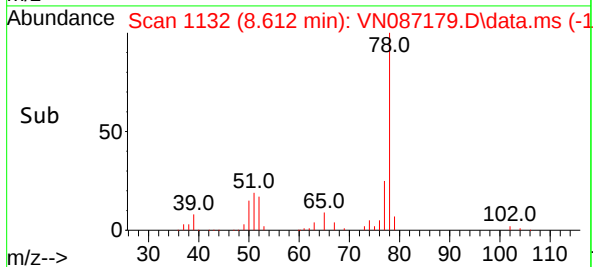
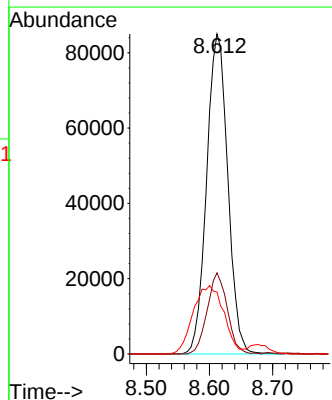
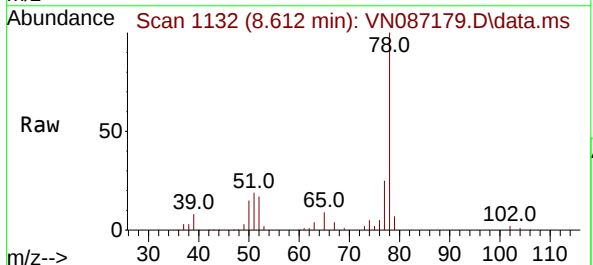
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:117 Resp: 58439
Ion Ratio Lower Upper
117 100
119 101.2 75.8 113.6
121 34.5 26.2 39.4



#34
Benzene
Concen: 20.058 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion: 78 Resp: 197862
Ion Ratio Lower Upper
78 100
77 25.3 19.5 29.3
51 19.1 14.8 22.2

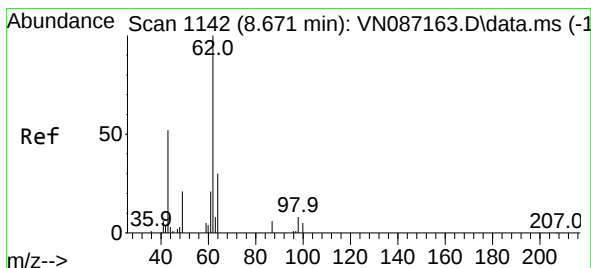
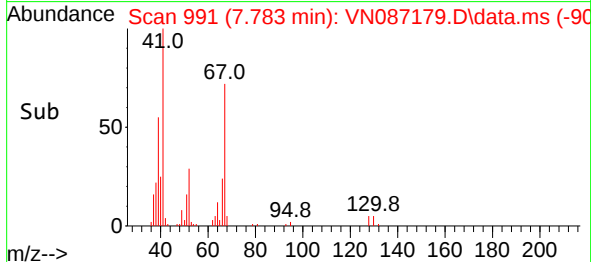
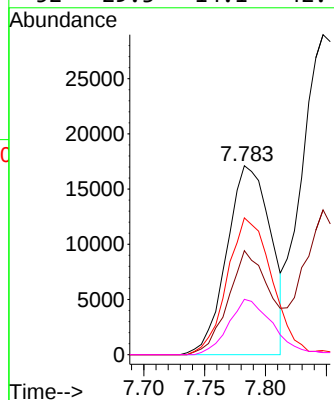
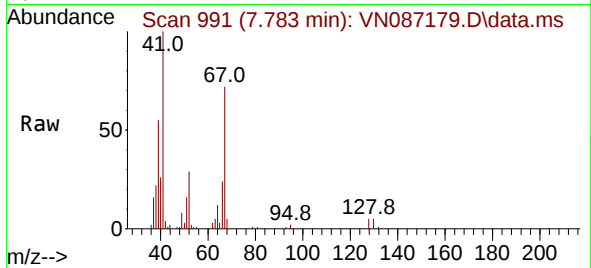




#35
Methacrylonitrile
Concen: 20.242 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

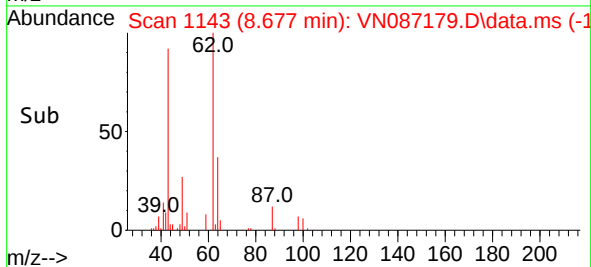
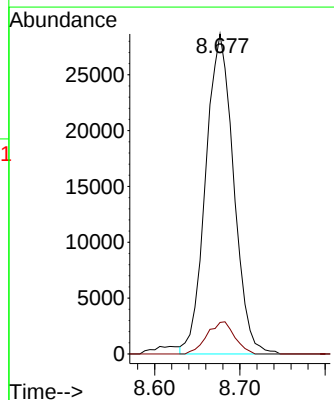
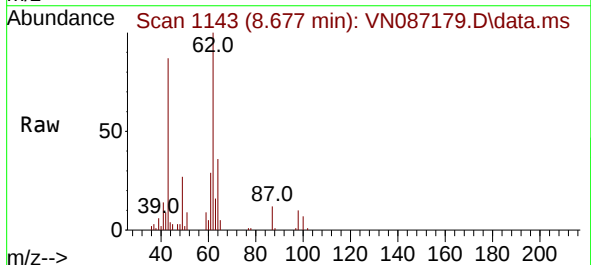
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

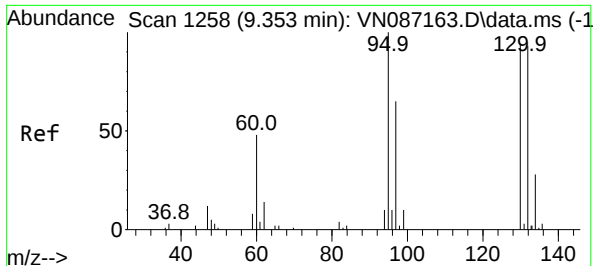
Tgt Ion:	41	Resp:	42848
Ion	Ratio	Lower	Upper
41	100		
39	55.1	24.4	73.2
67	72.4	33.3	99.8
52	29.3	14.1	42.4



#36
1,2-Dichloroethane
Concen: 20.474 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion:	62	Resp:	65253
Ion	Ratio	Lower	Upper
62	100		
98	9.9	7.2	10.8





#37

Trichloroethene

Concen: 20.114 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087179.D

Acq: 25 Jun 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

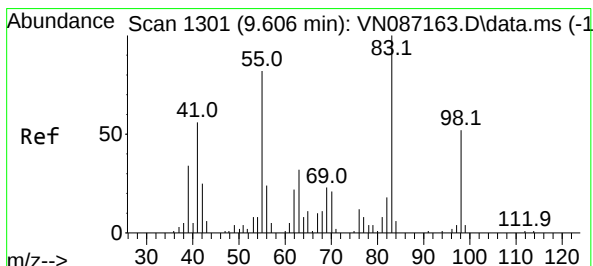
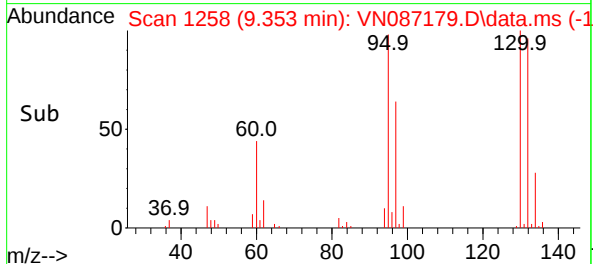
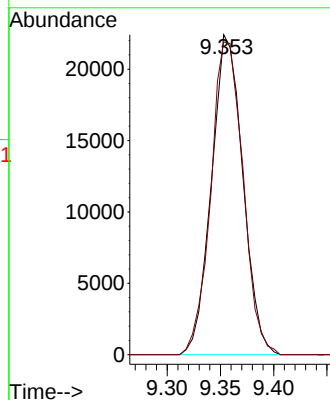
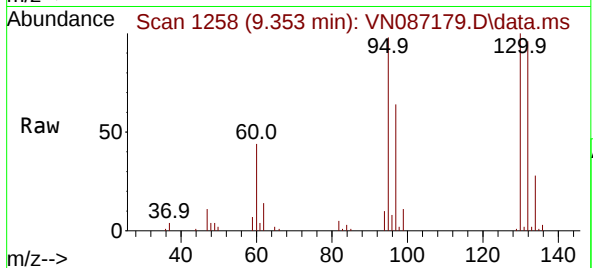
VSTDCCC020EC

Tgt Ion:130 Resp: 45765

Ion Ratio Lower Upper

130 100

95 97.8 85.3 127.9



#38

Methylcyclohexane

Concen: 18.260 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN087179.D

Acq: 25 Jun 2025 16:12

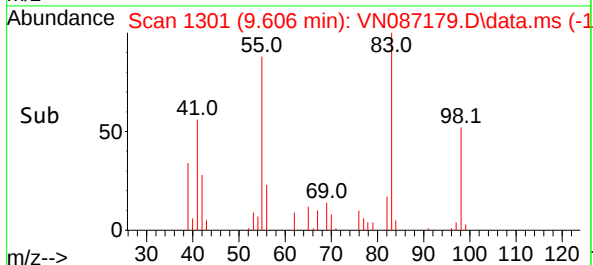
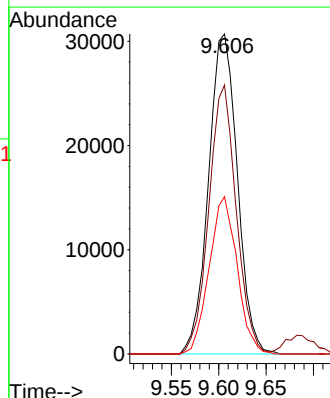
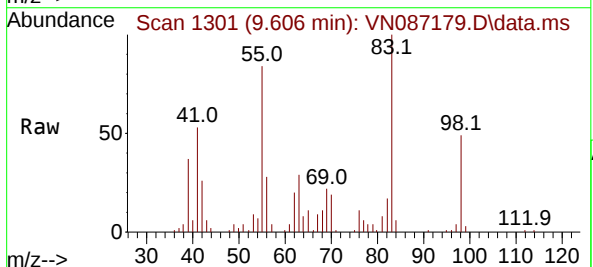
Tgt Ion: 83 Resp: 65236

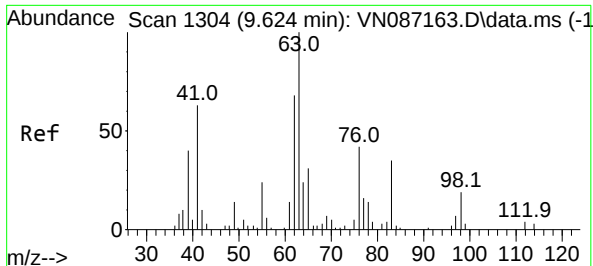
Ion Ratio Lower Upper

83 100

55 79.8 40.1 120.2

98 47.5 24.4 73.2





#39

1,2-Dichloropropane

Concen: 19.201 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087179.D

Acq: 25 Jun 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

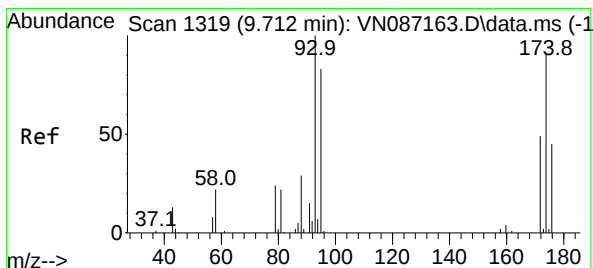
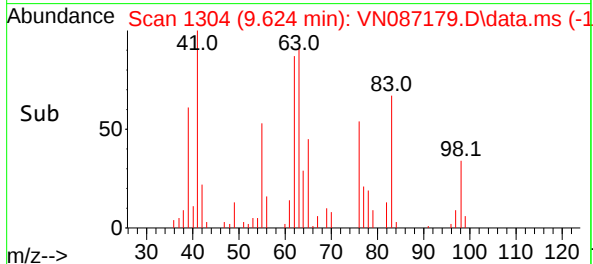
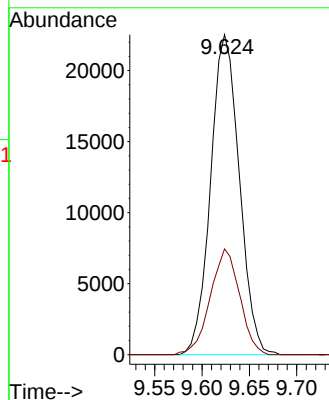
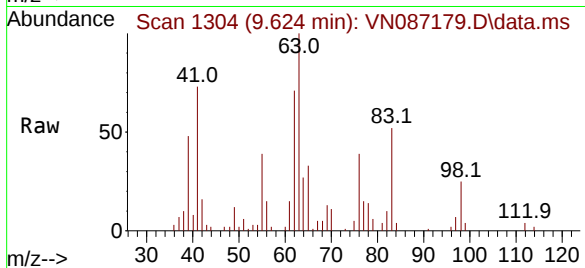
VSTDCCC020EC

Tgt Ion: 63 Resp: 47540

Ion Ratio Lower Upper

63 100

65 33.1 24.6 36.8



#40

Dibromomethane

Concen: 19.071 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN087179.D

Acq: 25 Jun 2025 16:12

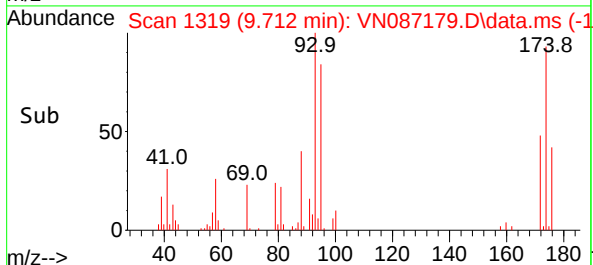
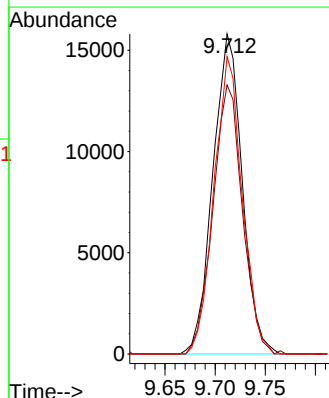
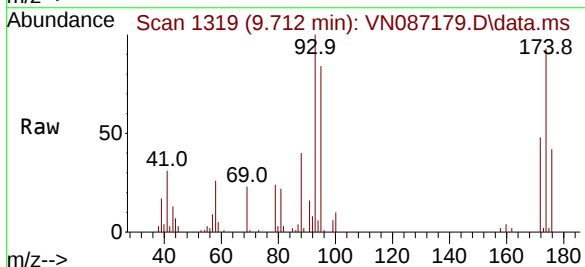
Tgt Ion: 93 Resp: 32107

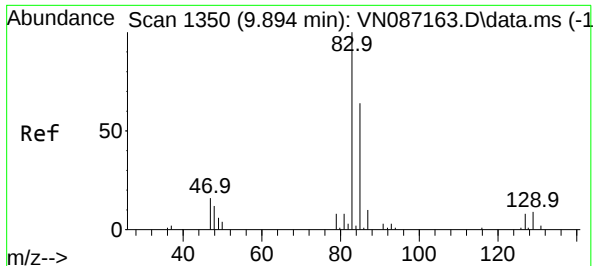
Ion Ratio Lower Upper

93 100

95 84.5 0.0 170.8

174 89.6 0.0 176.6

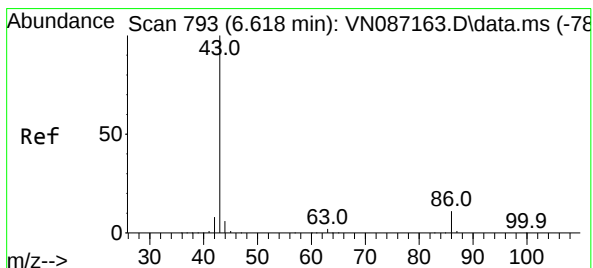
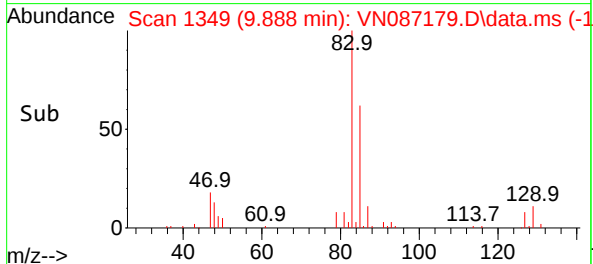
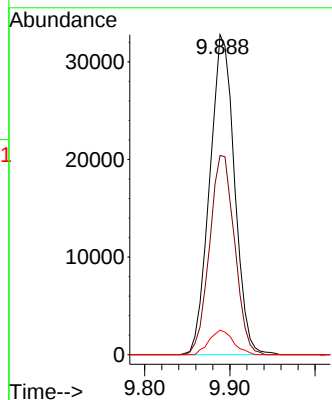
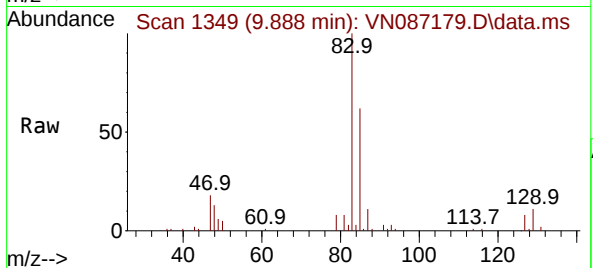




#41
Bromodichloromethane
Concen: 19.520 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

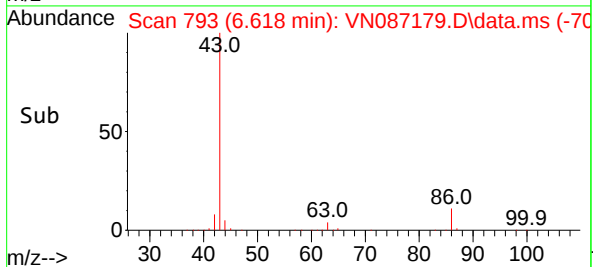
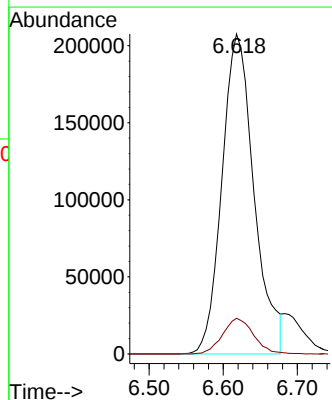
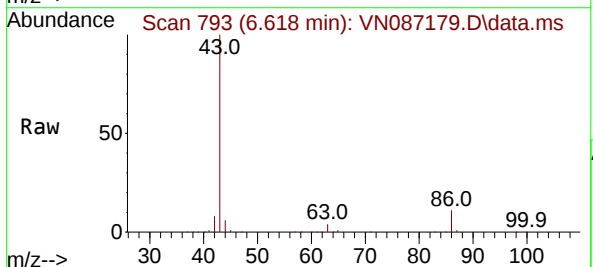
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 66331
Ion Ratio Lower Upper
83 100
85 62.2 51.4 77.2
127 7.6 6.1 9.1



#42
Vinyl Acetate
Concen: 91.361 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion: 43 Resp: 624132
Ion Ratio Lower Upper
43 100
86 10.8 7.7 11.5

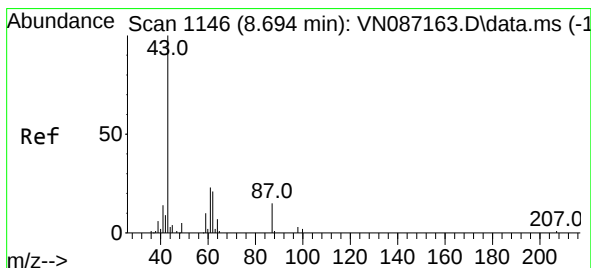
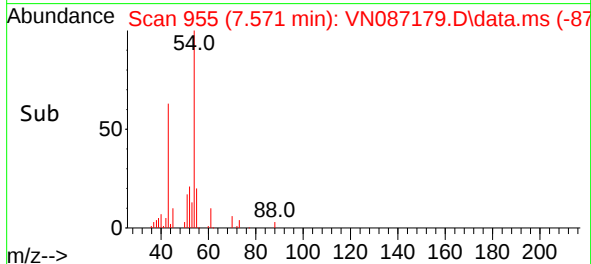
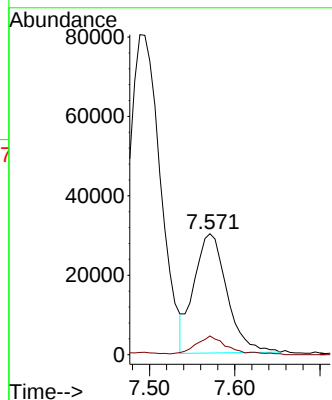
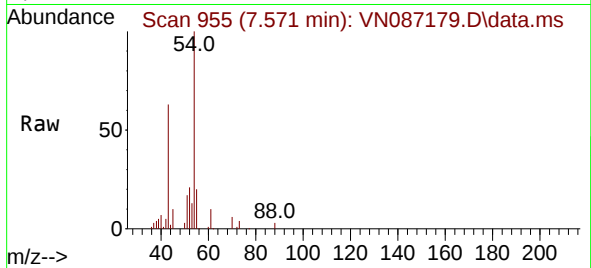




#43
Ethyl Acetate
Concen: 21.318 ug/l
RT: 7.571 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

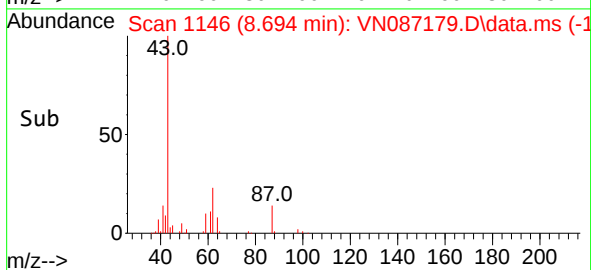
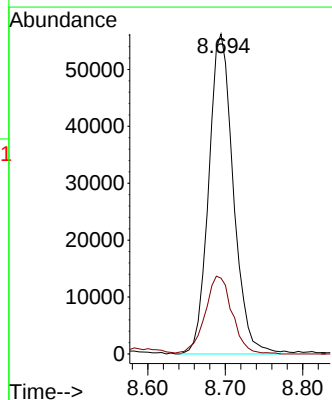
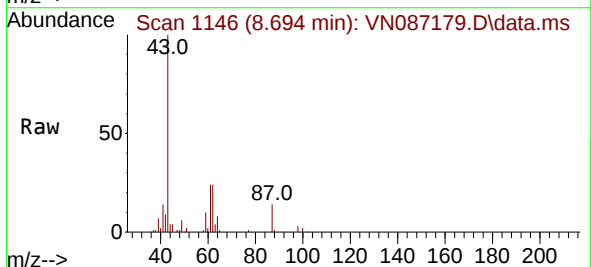
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

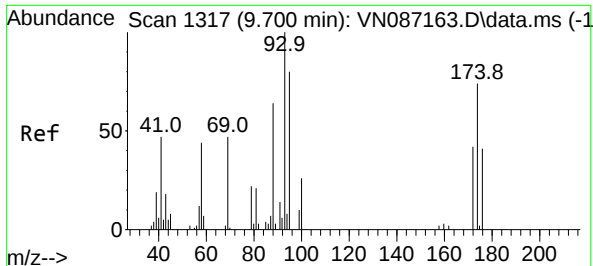
Tgt Ion: 43 Resp: 80830
Ion Ratio Lower Upper
43 100
45 12.8 11.5 17.3



#44
Isopropyl Acetate
Concen: 20.057 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion: 43 Resp: 123907
Ion Ratio Lower Upper
43 100
61 25.7 20.5 30.7

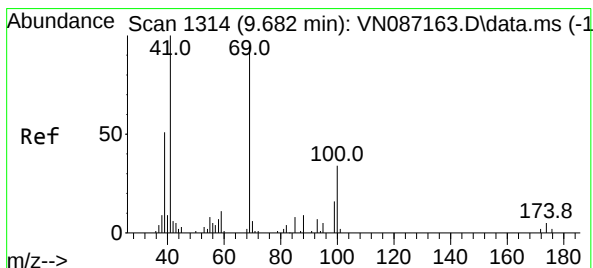
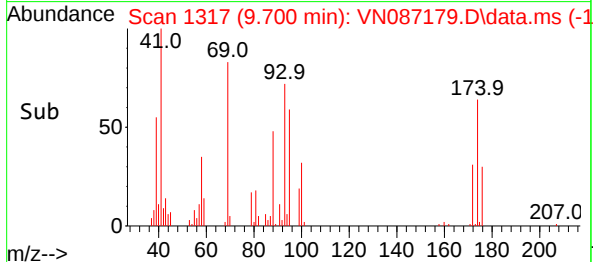
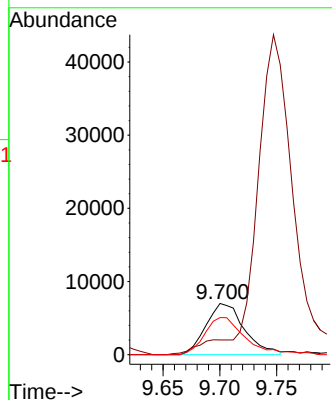
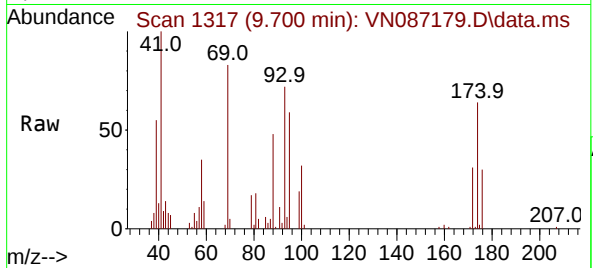




#45
1,4-Dioxane
Concen: 393.166 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

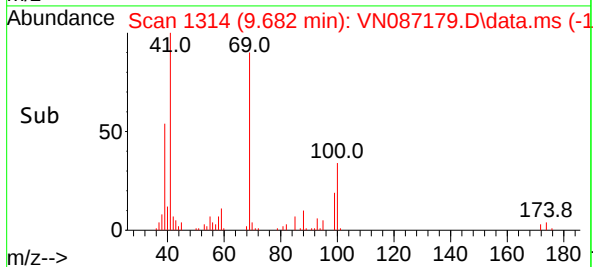
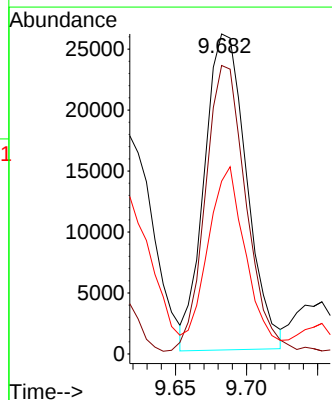
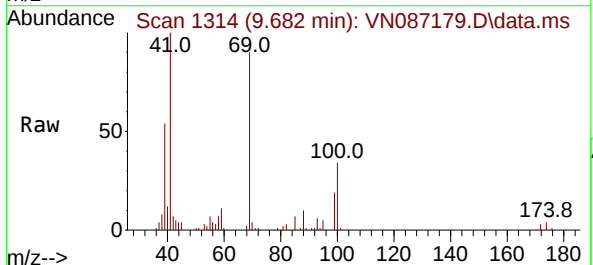
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

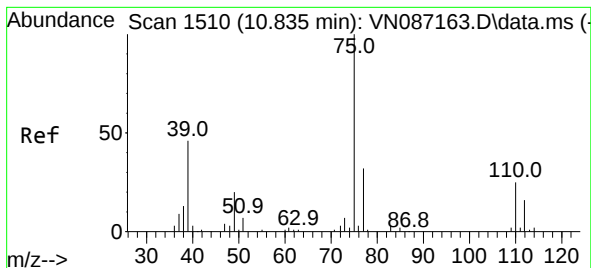
Tgt Ion: 88 Resp: 16430
Ion Ratio Lower Upper
88 100
43 28.3 21.3 31.9
58 77.0 61.7 92.5



#46
Methyl methacrylate
Concen: 18.666 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion: 41 Resp: 53606
Ion Ratio Lower Upper
41 100
69 93.7 45.6 136.9
39 53.8 26.2 78.5

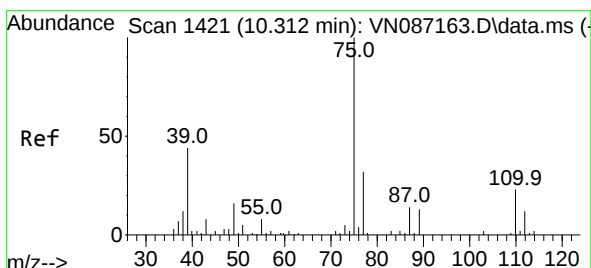
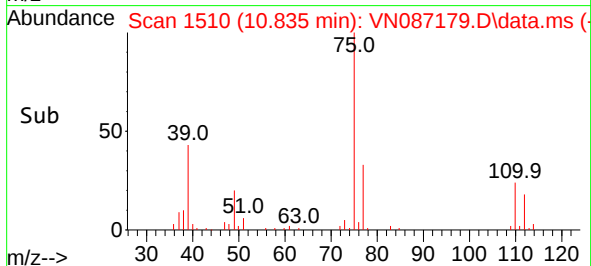
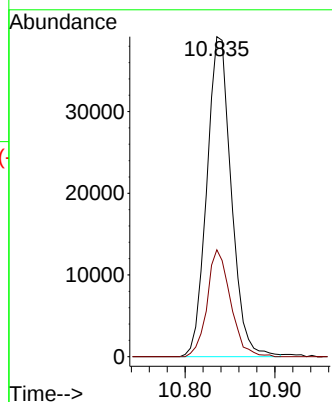
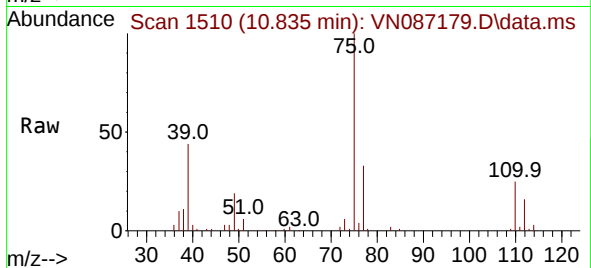




#48
 t-1,3-Dichloropropene
 Concen: 19.561 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN087179.D
 Acq: 25 Jun 2025 16:12

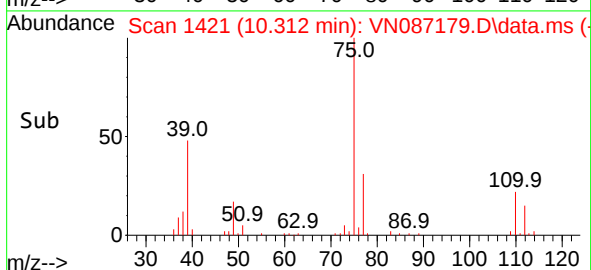
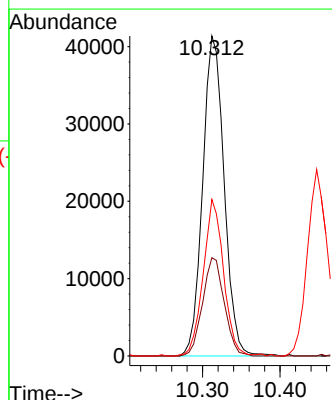
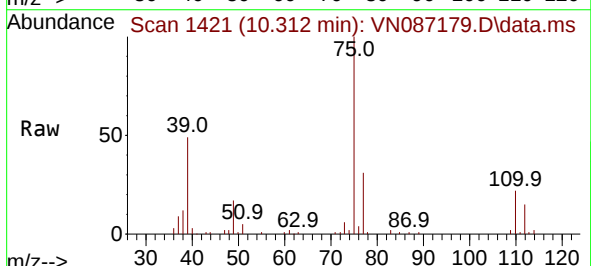
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

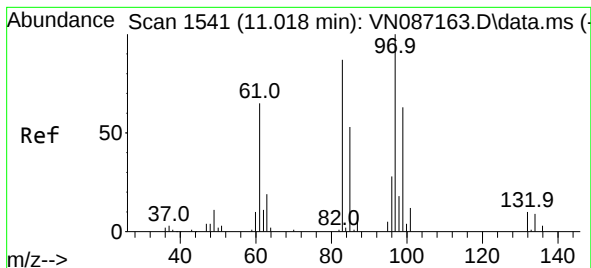
Tgt Ion: 75 Resp: 74102
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.4 38.0



#49
 cis-1,3-Dichloropropene
 Concen: 19.779 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN087179.D
 Acq: 25 Jun 2025 16:12

Tgt Ion: 75 Resp: 79655
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.2
 39 48.9 35.3 52.9





#50

1,1,2-Trichloroethane

Concen: 19.800 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN087179.D

Acq: 25 Jun 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 97 Resp: 47352

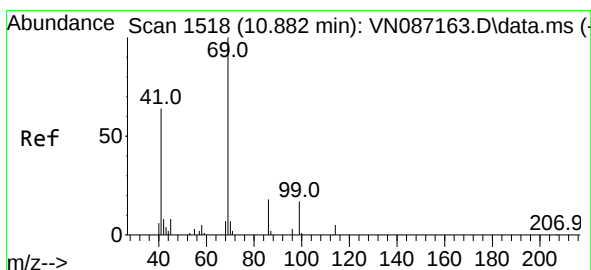
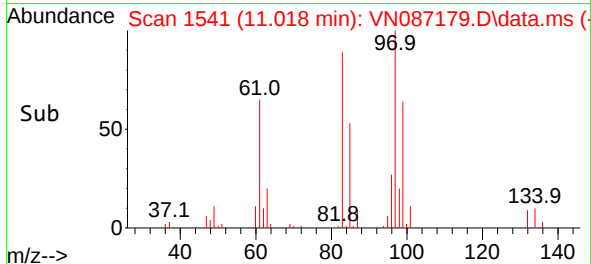
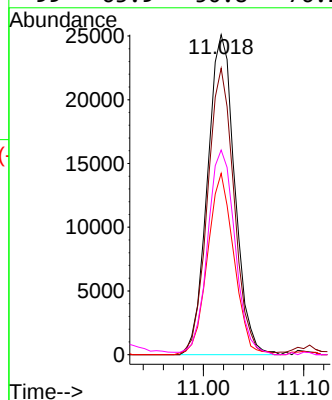
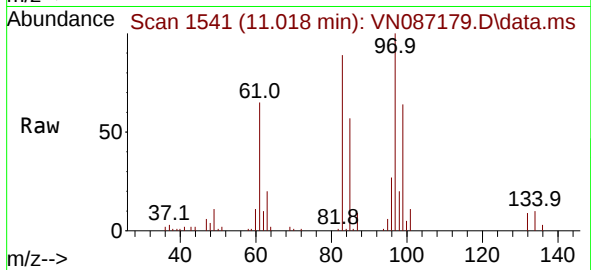
Ion Ratio Lower Upper

97 100

83 89.5 69.6 104.4

85 56.6 42.0 63.0

99 63.9 50.8 76.2



#51

Ethyl methacrylate

Concen: 18.775 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN087179.D

Acq: 25 Jun 2025 16:12

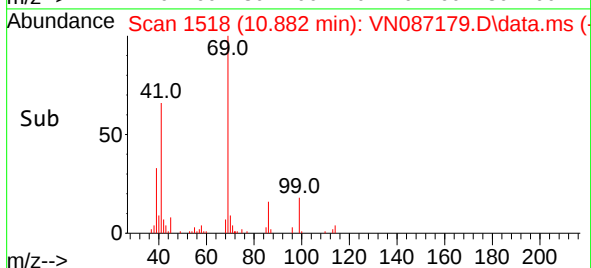
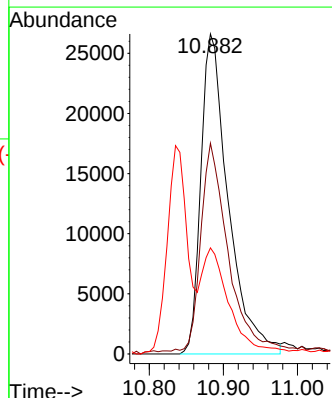
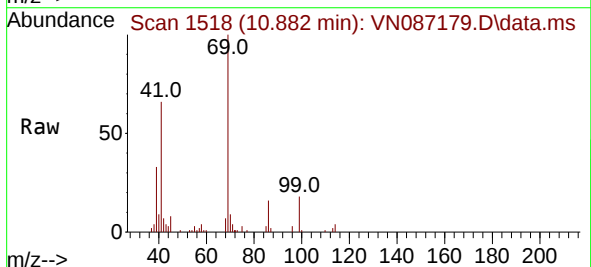
Tgt Ion: 69 Resp: 68339

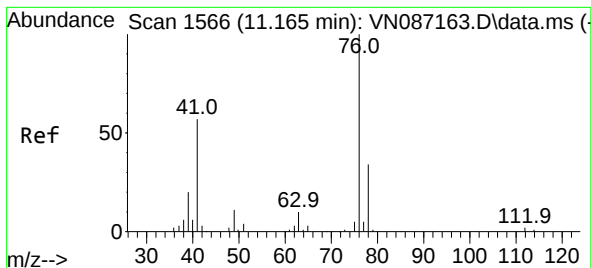
Ion Ratio Lower Upper

69 100

41 64.7 31.8 95.3

39 31.7 15.3 45.8

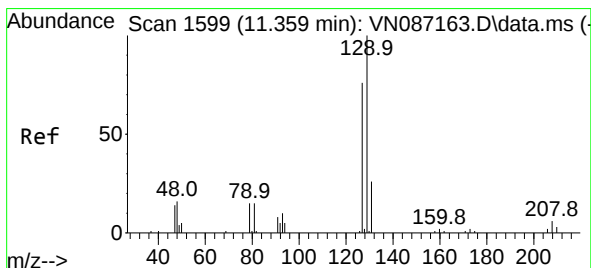
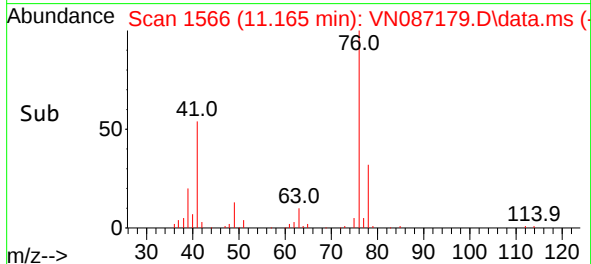
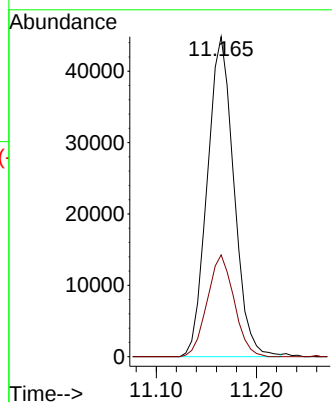
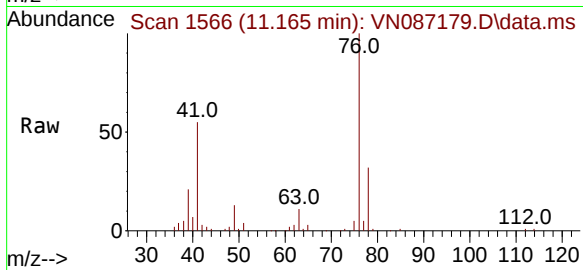




#52
1,3-Dichloropropane
Concen: 20.127 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

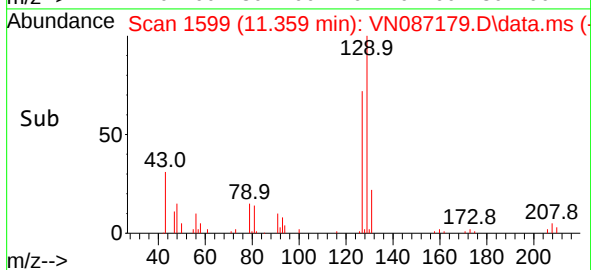
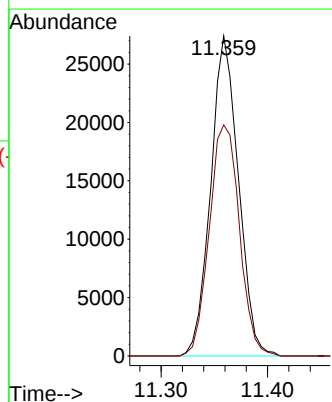
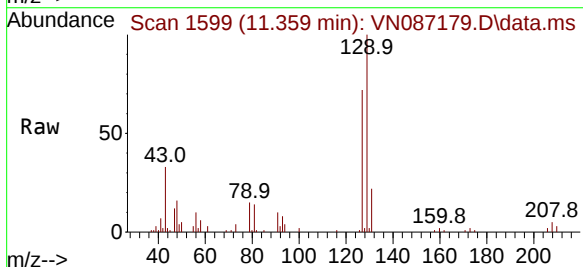
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

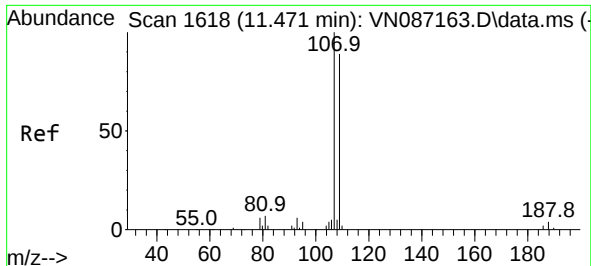
Tgt Ion: 76 Resp: 82634
Ion Ratio Lower Upper
76 100
78 32.0 0.0 63.0



#53
Dibromochloromethane
Concen: 19.769 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion: 129 Resp: 49627
Ion Ratio Lower Upper
129 100
127 78.1 39.6 118.8

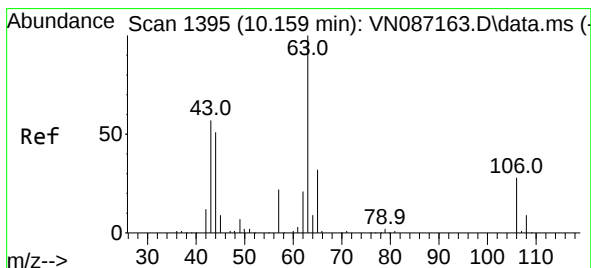
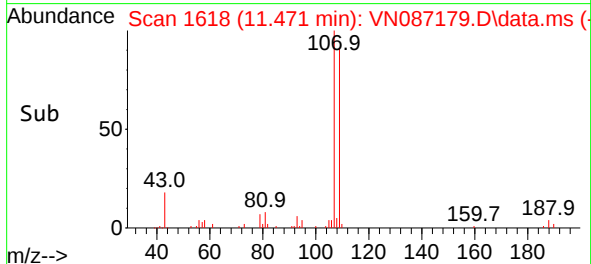
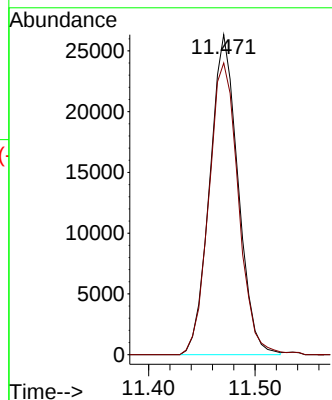
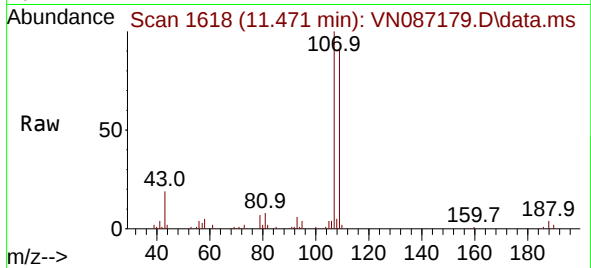




#54
1,2-Dibromoethane
Concen: 19.638 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

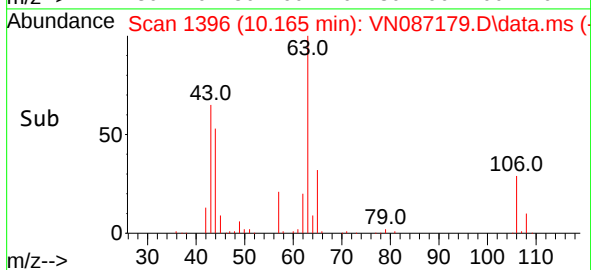
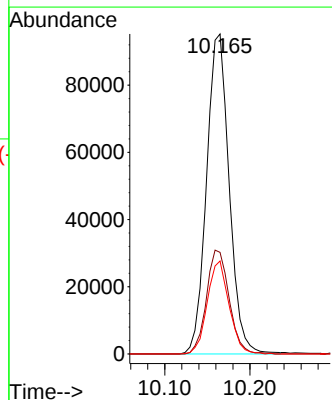
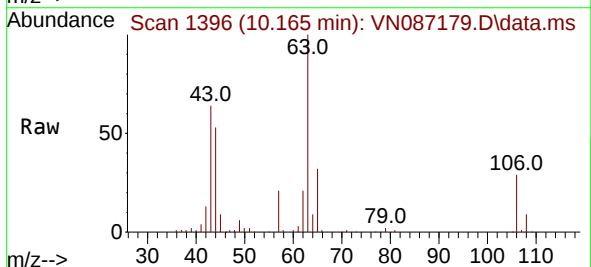
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

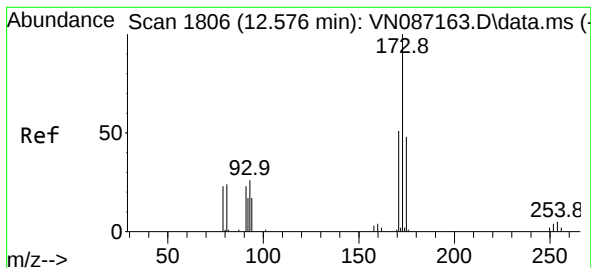
Tgt Ion:107 Resp: 48454
Ion Ratio Lower Upper
107 100
109 95.3 73.5 110.3



#55
2-Chloroethyl vinyl ether
Concen: 84.198 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion: 63 Resp: 175670
Ion Ratio Lower Upper
63 100
65 32.5 25.6 38.4
106 28.0 21.9 32.9





#56

Bromoform

Concen: 18.861 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN087179.D

Acq: 25 Jun 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

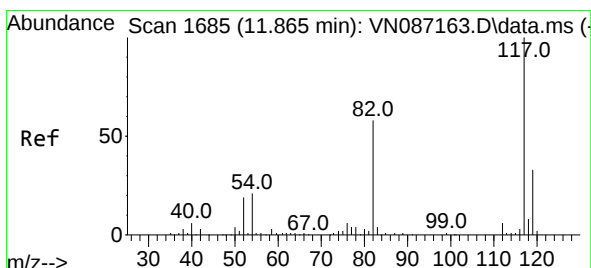
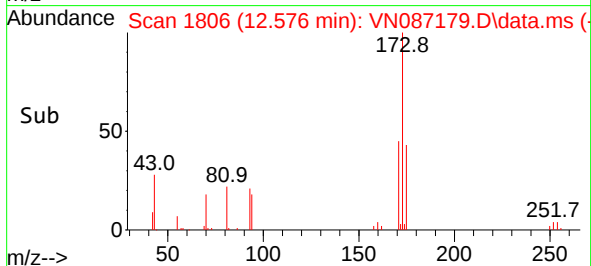
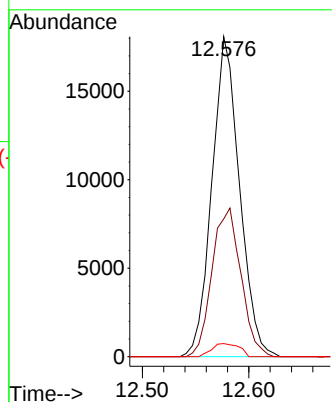
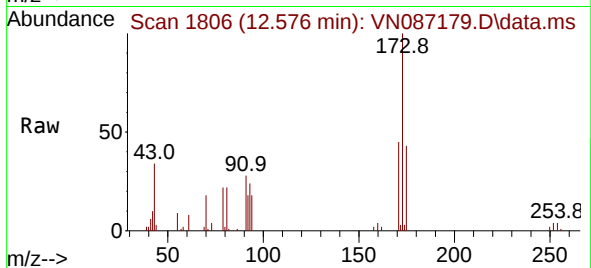
Tgt Ion:173 Resp: 32549

Ion Ratio Lower Upper

173 100

175 48.6 38.7 58.1

254 4.1 4.2 6.4#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN087179.D

Acq: 25 Jun 2025 16:12

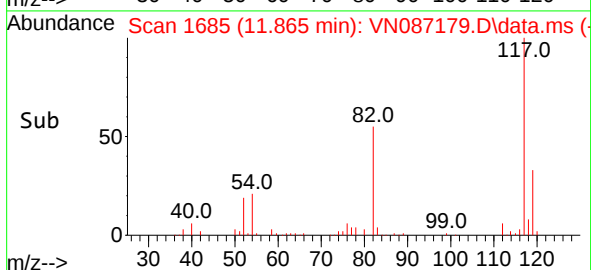
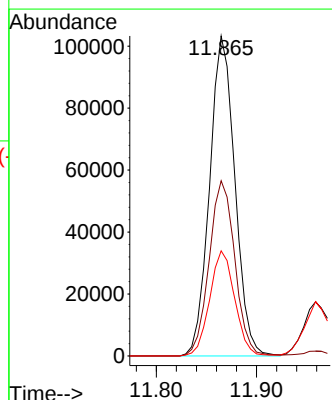
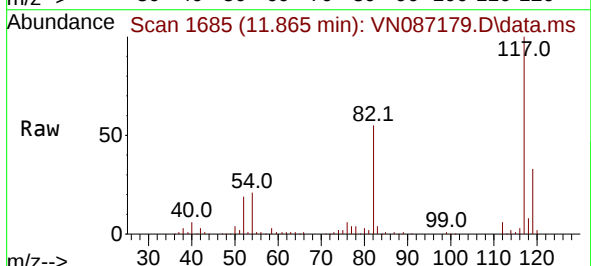
Tgt Ion:117 Resp: 181447

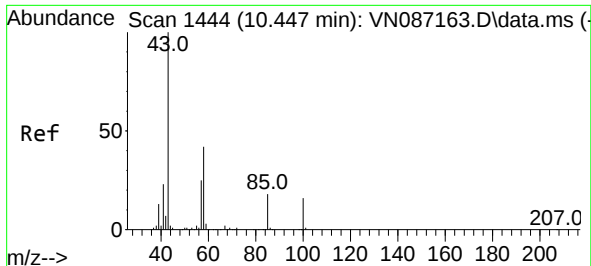
Ion Ratio Lower Upper

117 100

82 55.6 45.4 68.2

119 32.5 26.2 39.4

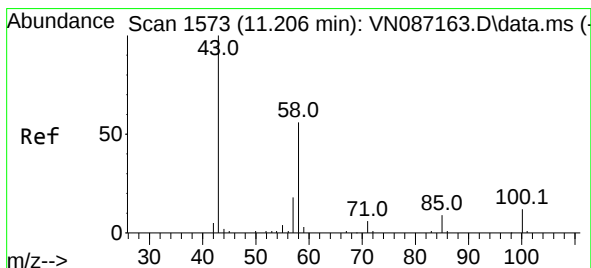
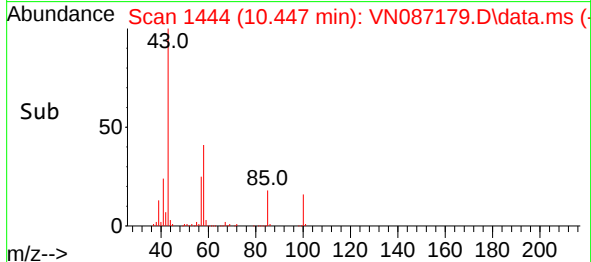
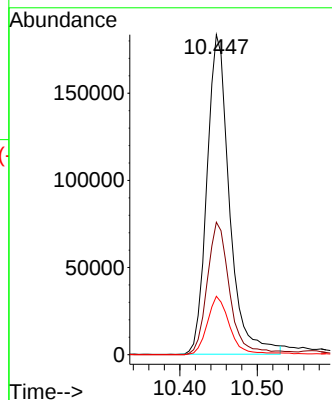
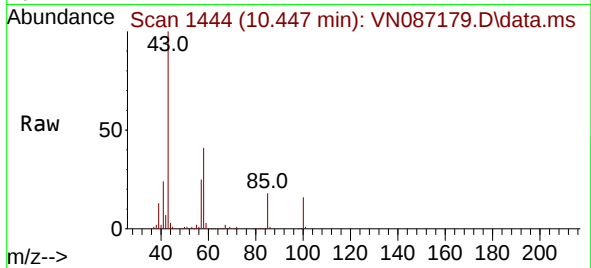




#58
4-Methyl-2-Pentanone
Concen: 101.356 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

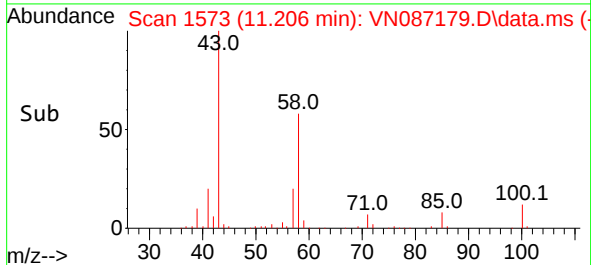
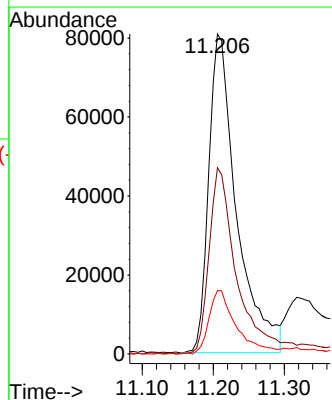
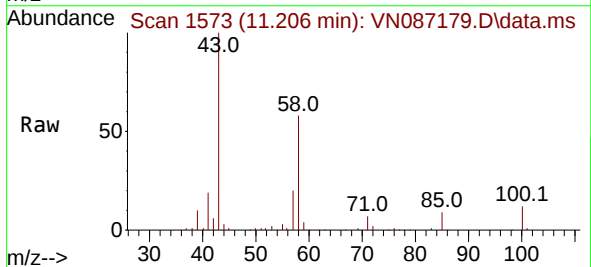
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

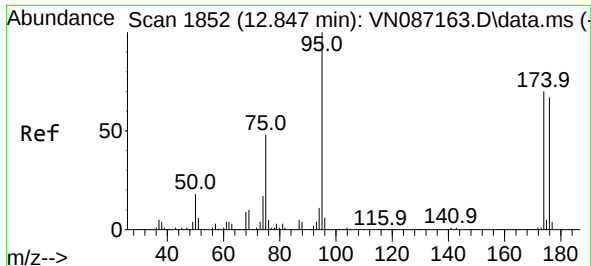
Tgt Ion: 43 Resp: 369720
Ion Ratio Lower Upper
43 100
58 41.1 32.6 49.0
85 18.0 14.6 22.0



#59
2-Hexanone
Concen: 93.306 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion: 43 Resp: 219779
Ion Ratio Lower Upper
43 100
58 56.1 49.2 73.8
57 19.5 15.3 22.9

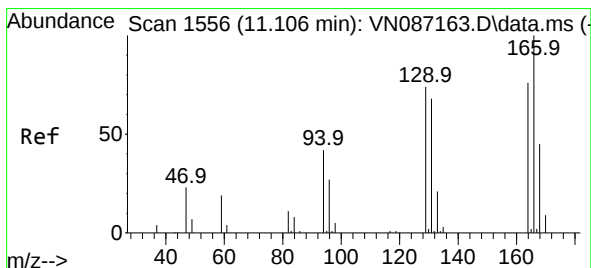
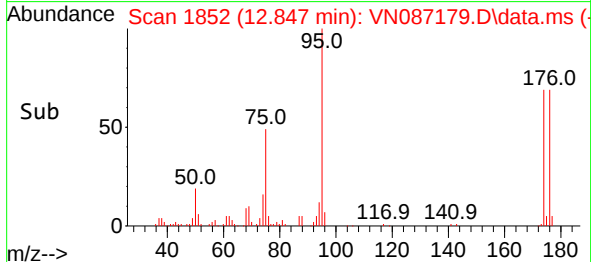
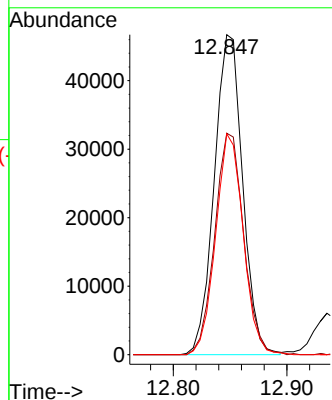
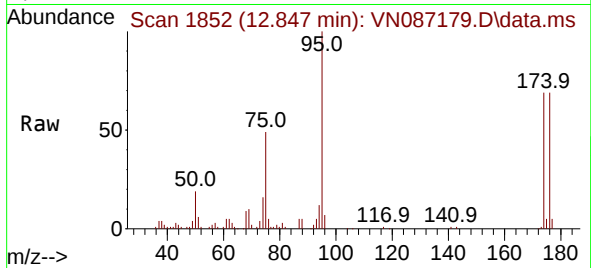




#60
4-Bromofluorobenzene
Concen: 28.956 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

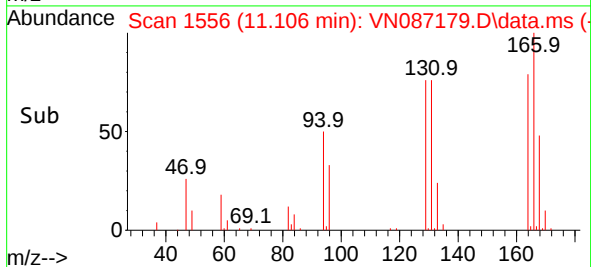
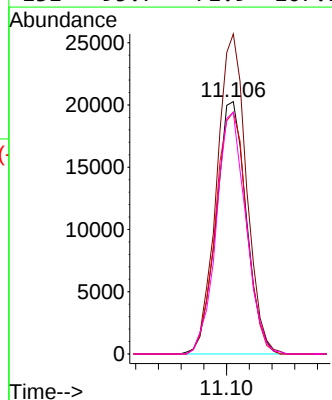
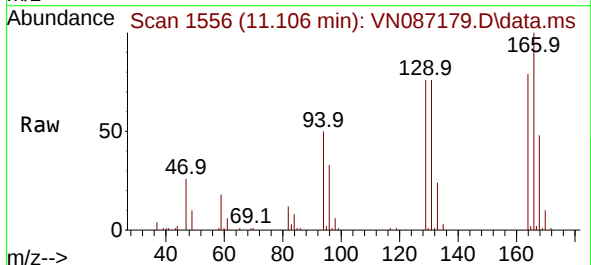
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

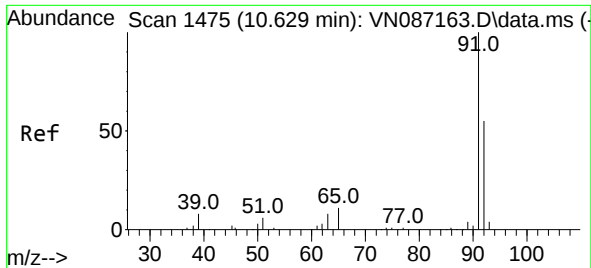
Tgt Ion: 95 Resp: 81074
Ion Ratio Lower Upper
95 100
174 70.6 54.5 81.7
176 67.1 51.9 77.9



#61
Tetrachloroethene
Concen: 20.777 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion:164 Resp: 37333
Ion Ratio Lower Upper
164 100
166 126.8 105.4 158.2
129 95.9 77.9 116.9
131 95.7 71.9 107.9

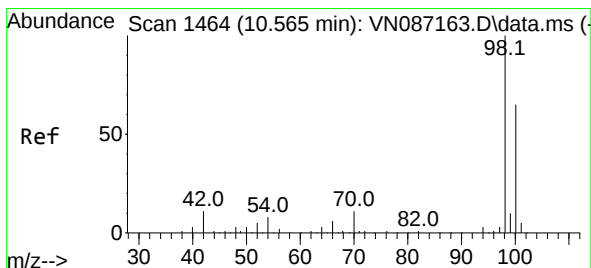
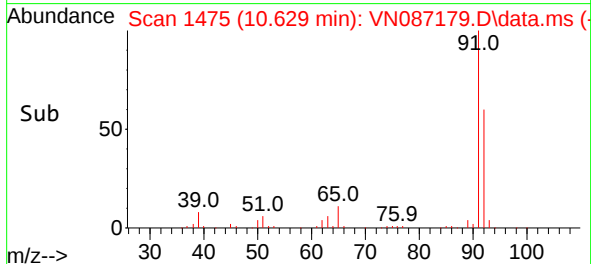
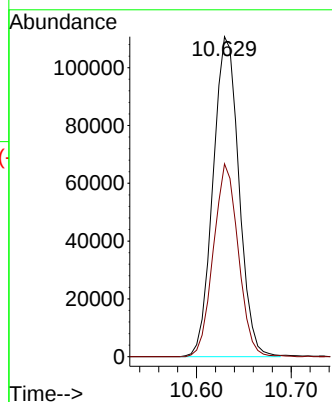
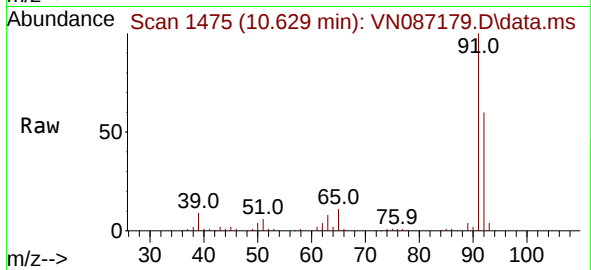




#62
Toluene
Concen: 20.526 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

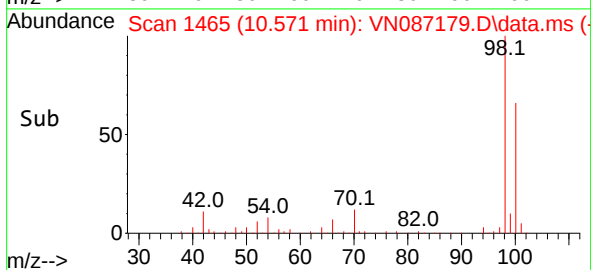
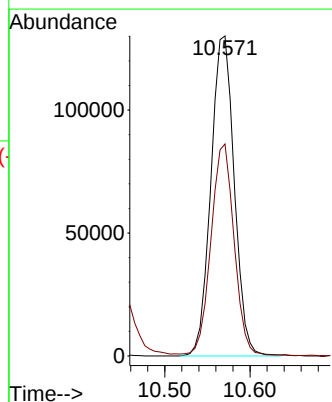
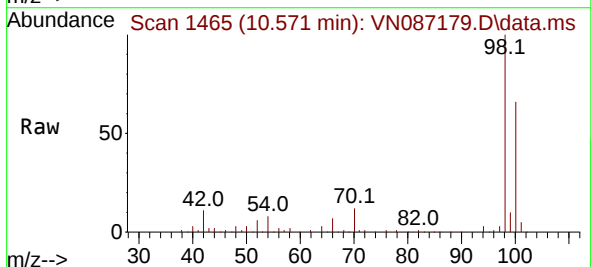
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

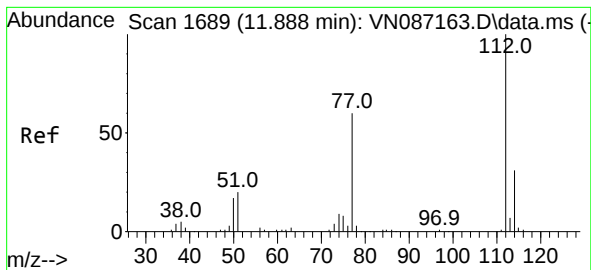
Tgt Ion: 91 Resp: 210351
Ion Ratio Lower Upper
91 100
92 57.8 45.8 68.8



#63
Toluene-d8
Concen: 30.439 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion: 98 Resp: 247986
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7





#64

Chlorobenzene

Concen: 20.456 ug/l

RT: 11.894 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087179.D

Acq: 25 Jun 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

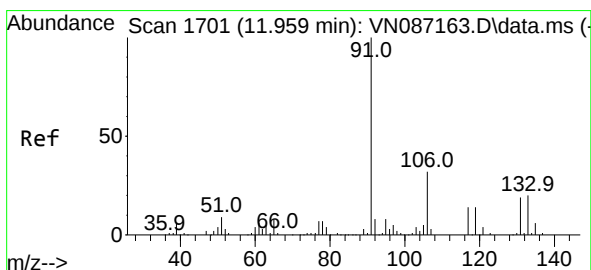
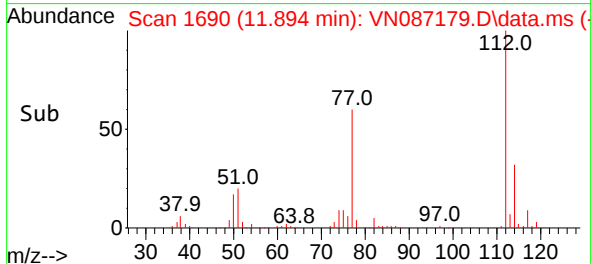
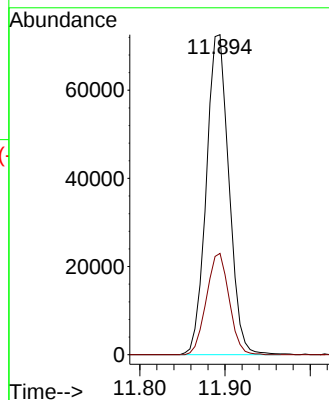
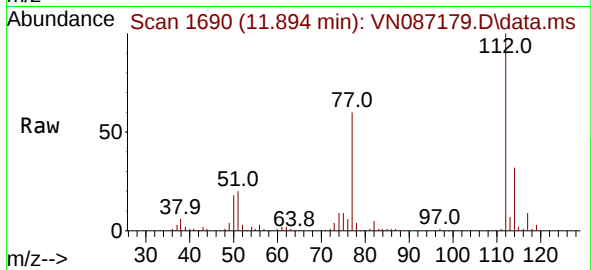
VSTDCCC020EC

Tgt Ion:112 Resp: 133717

Ion Ratio Lower Upper

112 100

114 31.7 25.0 37.4



#65

1,1,1,2-Tetrachloroethane

Concen: 20.750 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN087179.D

Acq: 25 Jun 2025 16:12

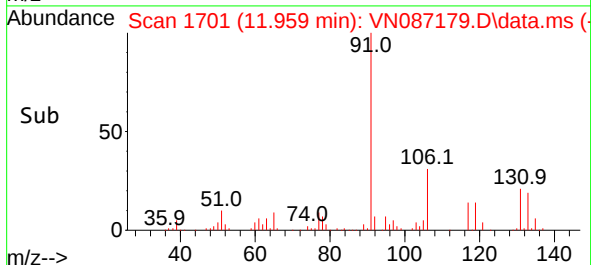
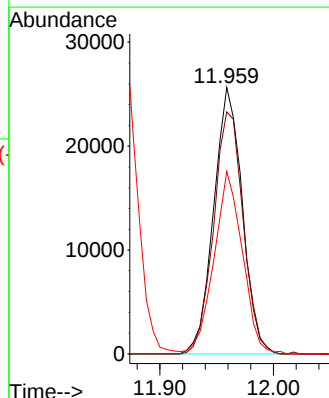
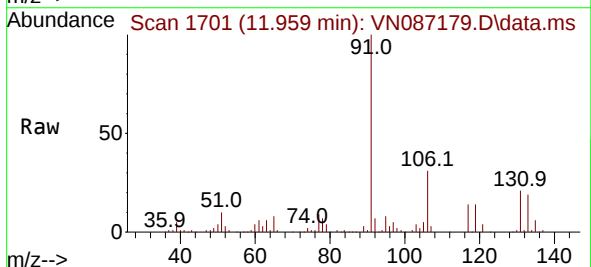
Tgt Ion:131 Resp: 44817

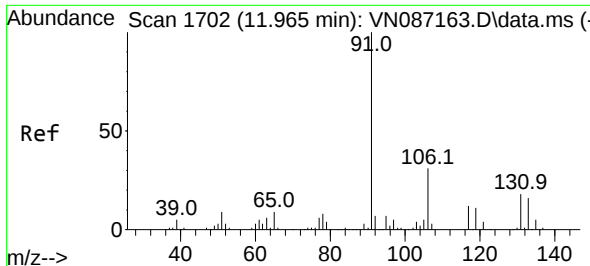
Ion Ratio Lower Upper

131 100

133 94.2 0.0 187.8

119 68.1 0.0 140.0

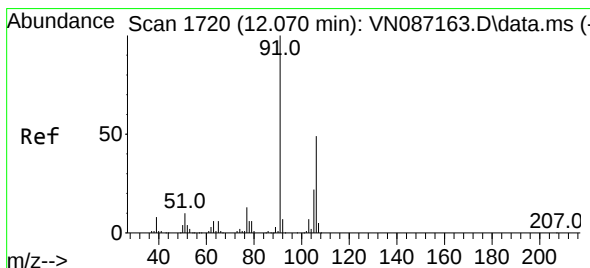
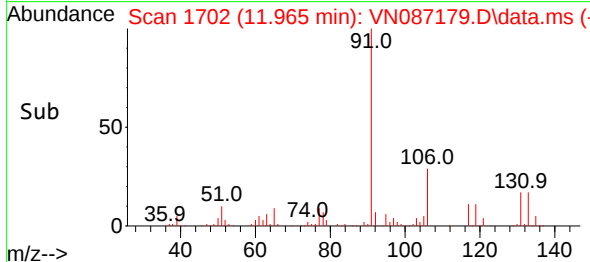
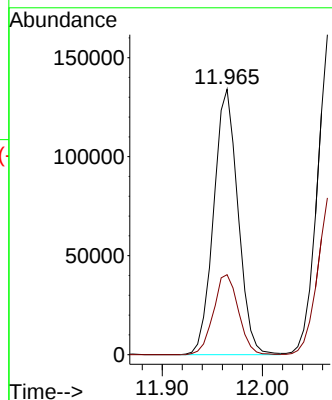
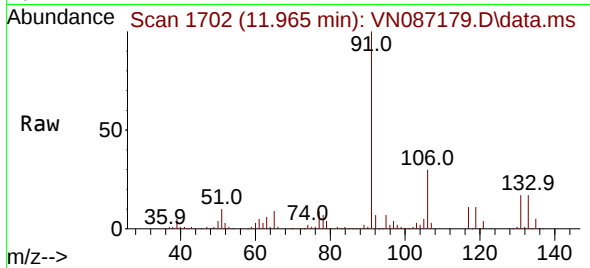




#66
Ethyl Benzene
Concen: 20.129 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

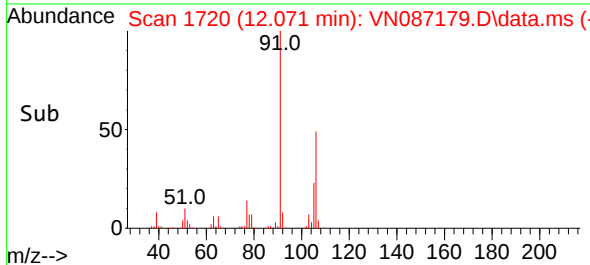
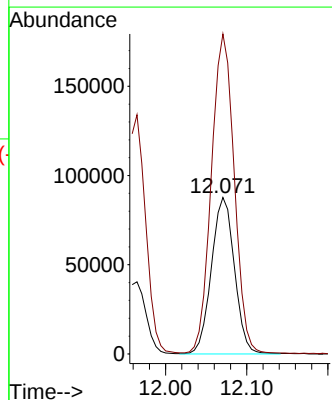
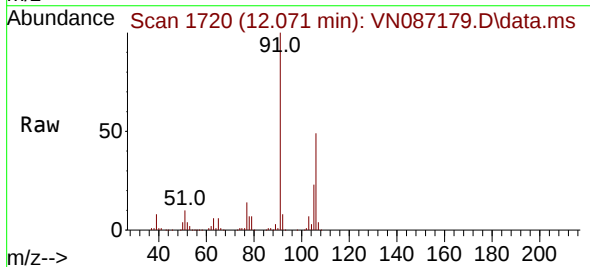
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

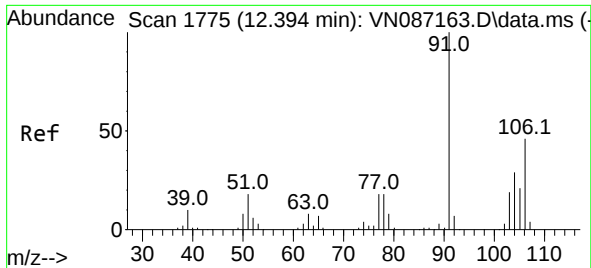
Tgt Ion: 91 Resp: 225779
Ion Ratio Lower Upper
91 100
106 30.1 24.8 37.2



#67
m/p-Xylenes
Concen: 40.222 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion:106 Resp: 172886
Ion Ratio Lower Upper
106 100
91 202.3 163.0 244.4

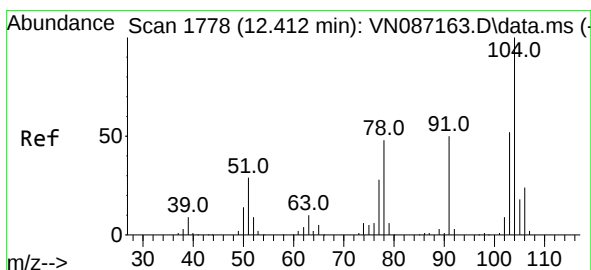
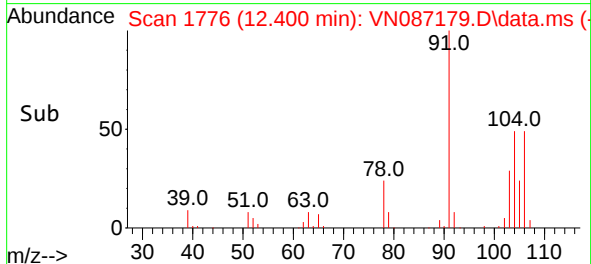
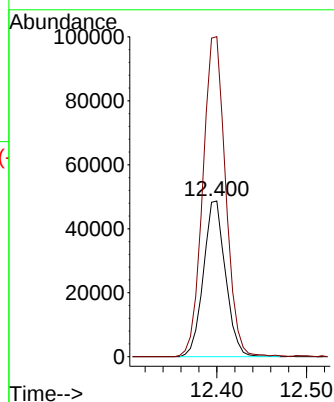
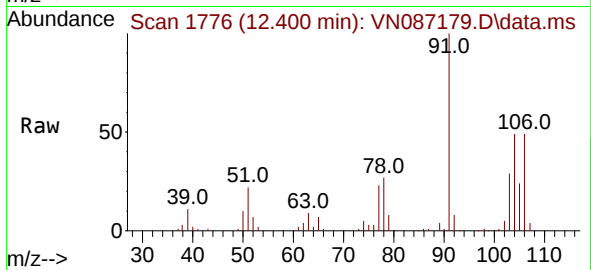




#68
o-Xylene
Concen: 20.317 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

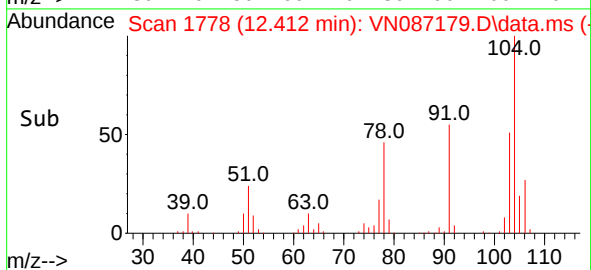
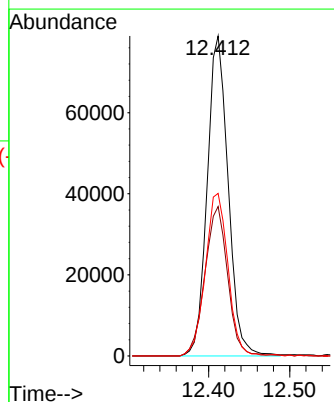
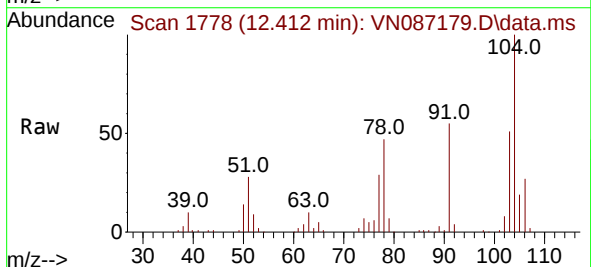
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

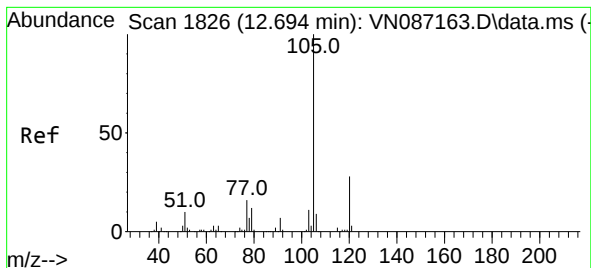
Tgt Ion:106 Resp: 83317
Ion Ratio Lower Upper
106 100
91 211.9 107.1 321.1



#69
Styrene
Concen: 20.093 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion:104 Resp: 141457
Ion Ratio Lower Upper
104 100
78 50.7 39.8 59.8
103 54.7 44.2 66.4





#70

Isopropylbenzene

Concen: 20.597 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN087179.D

Acq: 25 Jun 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

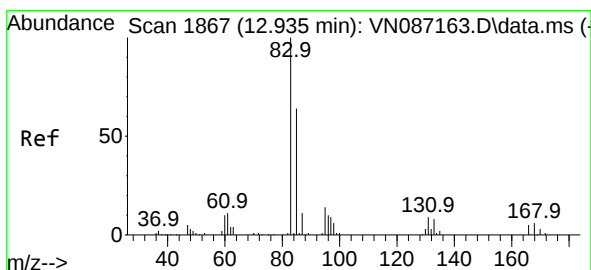
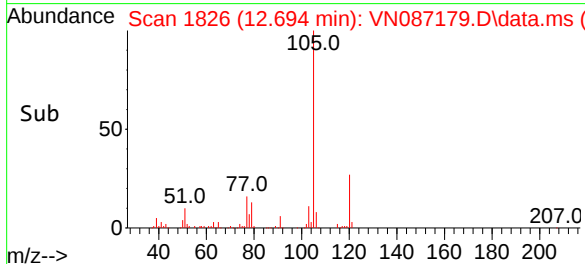
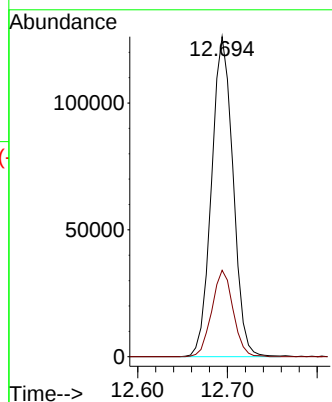
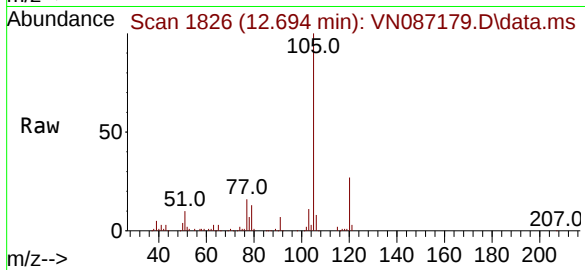
VSTDCCC020EC

Tgt Ion:105 Resp: 210358

Ion Ratio Lower Upper

105 100

120 26.6 19.0 35.2



#71

1,1,2,2-Tetrachloroethane

Concen: 19.278 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN087179.D

Acq: 25 Jun 2025 16:12

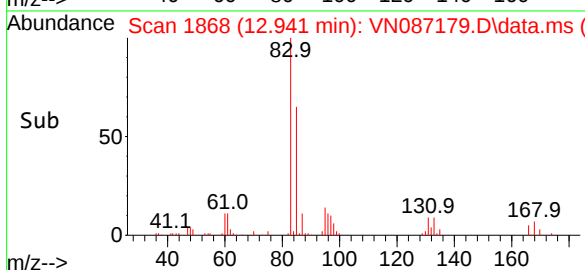
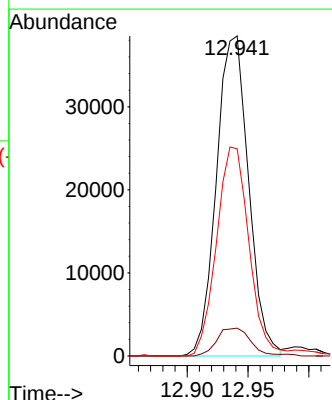
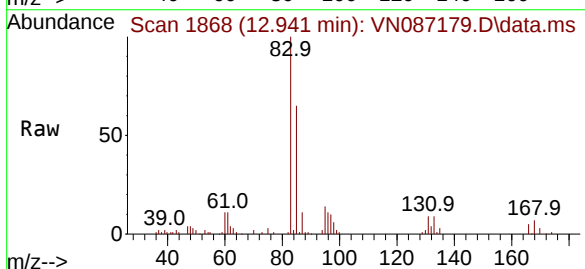
Tgt Ion: 83 Resp: 70867

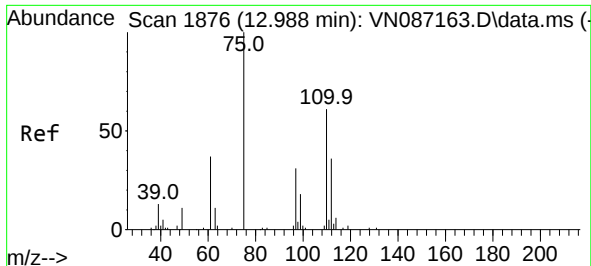
Ion Ratio Lower Upper

83 100

131 9.1 4.5 13.4

85 65.7 31.3 93.9

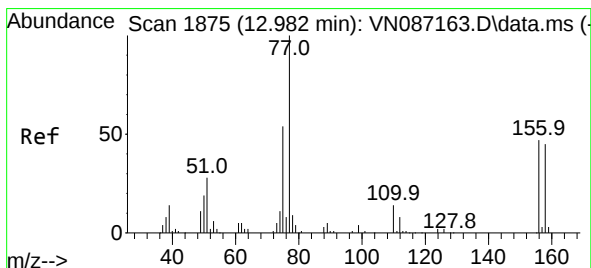
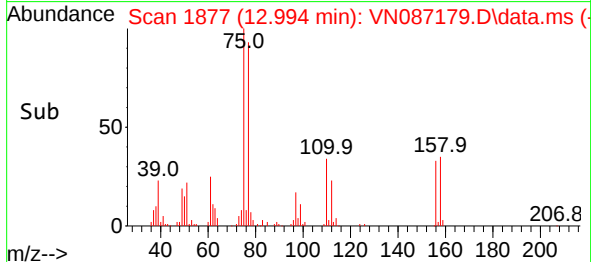
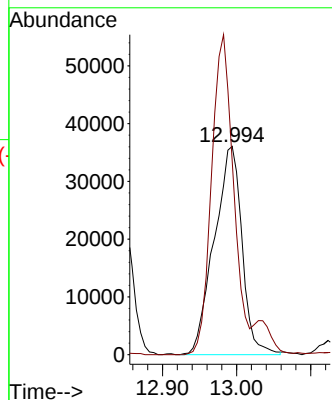
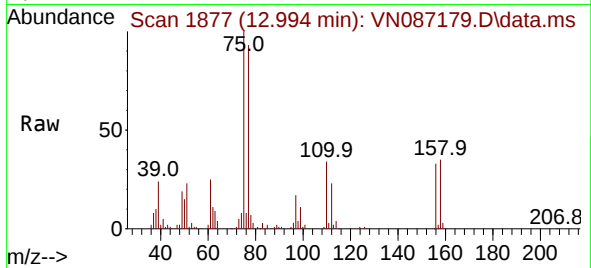




#72
1,2,3-Trichloropropane
Concen: 29.631 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

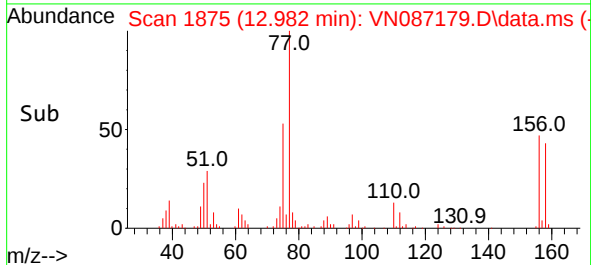
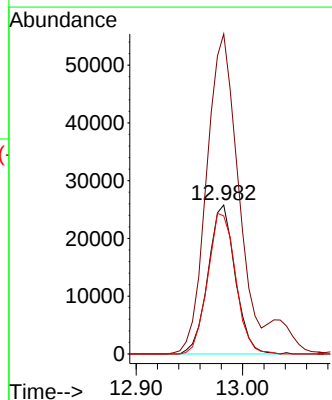
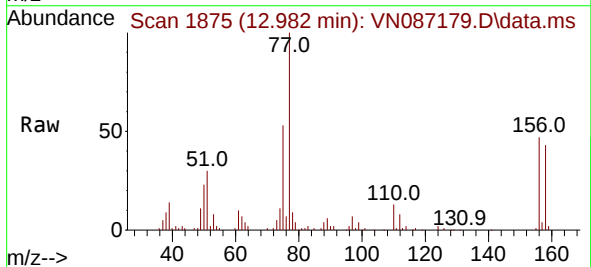
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

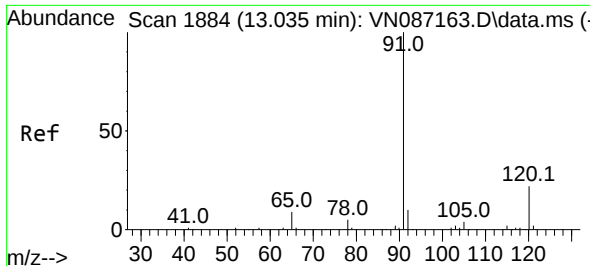
Tgt Ion: 75 Resp: 93933
Ion Ratio Lower Upper
75 100
77 120.8 0.0 379.2



#73
Bromobenzene
Concen: 18.388 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion:156 Resp: 45554
Ion Ratio Lower Upper
156 100
77 249.0 0.0 489.0
158 97.0 0.0 195.2

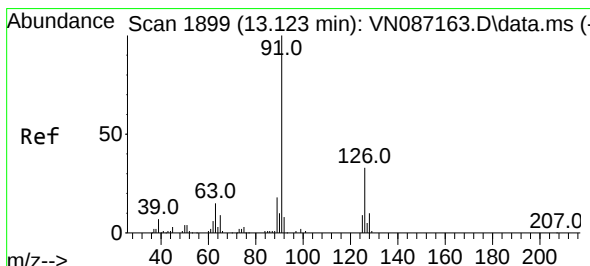
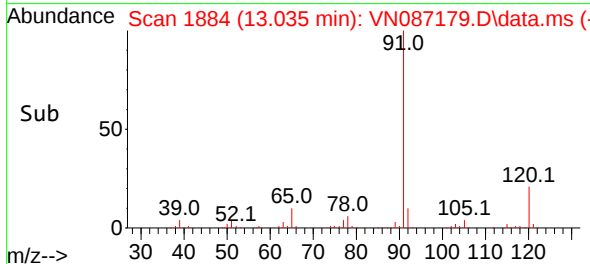
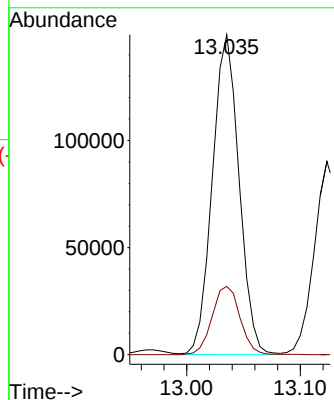
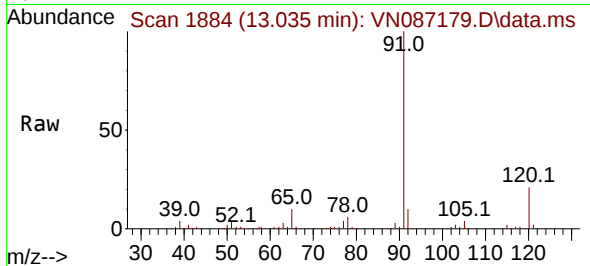




#74
n-propylbenzene
Concen: 19.512 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

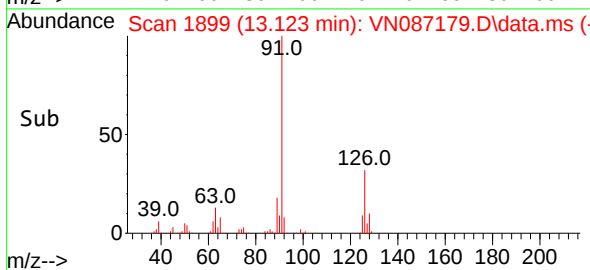
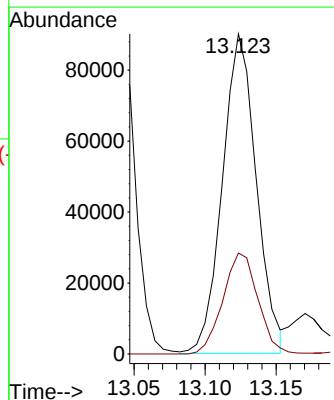
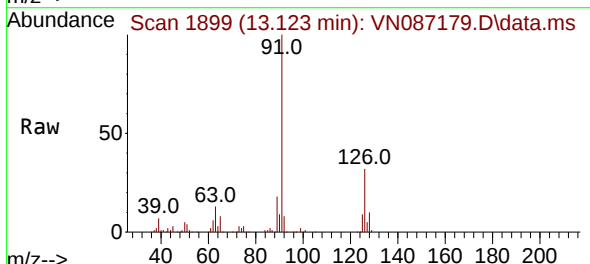
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

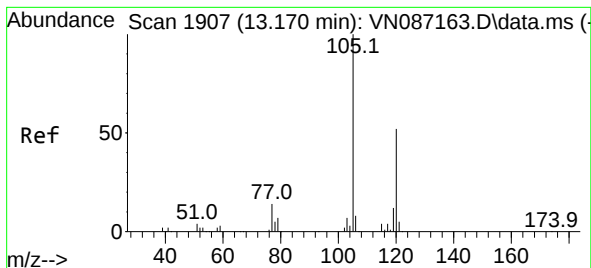
Tgt Ion: 91 Resp: 243449
Ion Ratio Lower Upper
91 100
120 22.3 0.0 43.6



#75
2-Chlorotoluene
Concen: 19.826 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion: 91 Resp: 149451
Ion Ratio Lower Upper
91 100
126 32.7 0.0 63.8

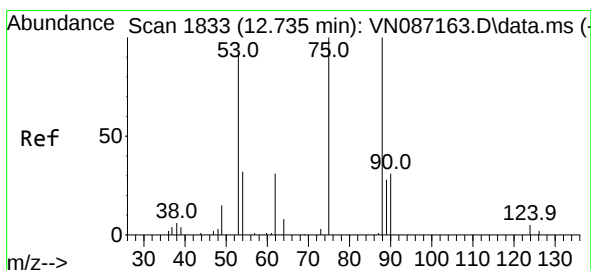
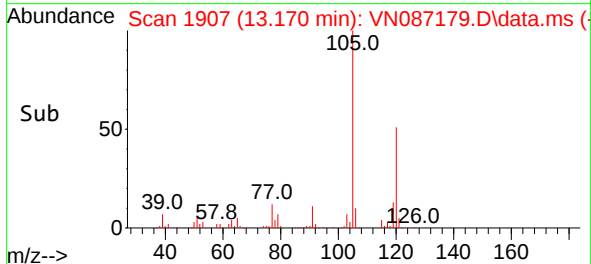
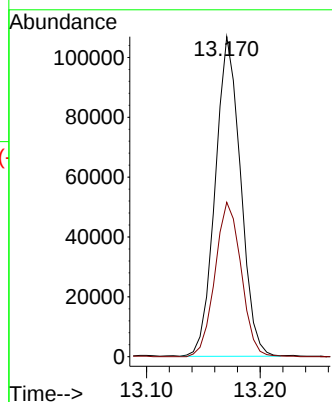
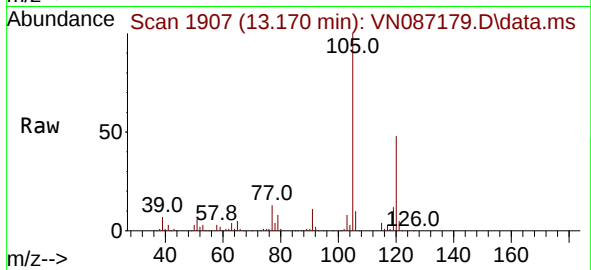




#76
 1,3,5-Trimethylbenzene
 Concen: 19.951 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VN087179.D
 Acq: 25 Jun 2025 16:12

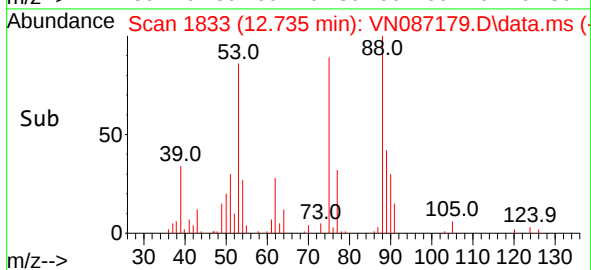
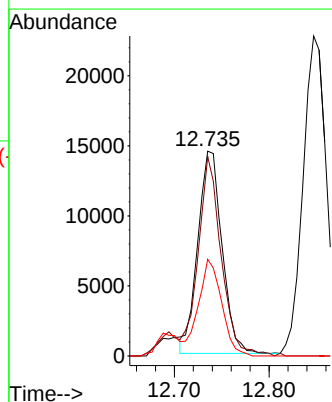
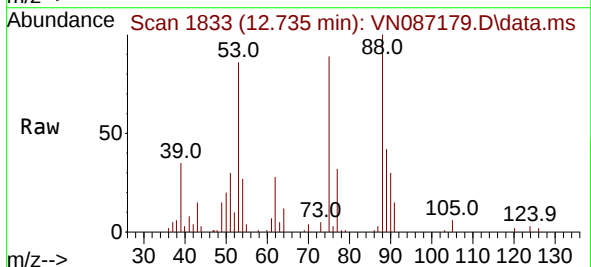
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

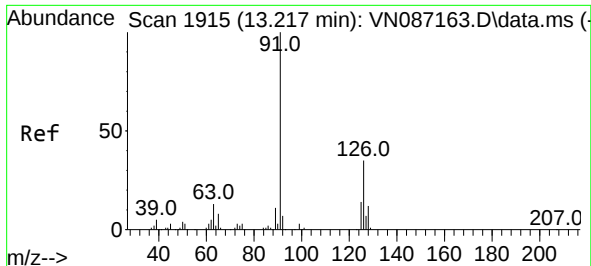
Tgt Ion:105 Resp: 165874
 Ion Ratio Lower Upper
 105 100
 120 49.8 0.0 100.8



#77
 t-1,4-Dichloro-2-butene
 Concen: 18.238 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: VN087179.D
 Acq: 25 Jun 2025 16:12

Tgt Ion: 75 Resp: 25646
 Ion Ratio Lower Upper
 75 100
 53 97.2 45.9 137.6
 89 47.8 22.3 66.9

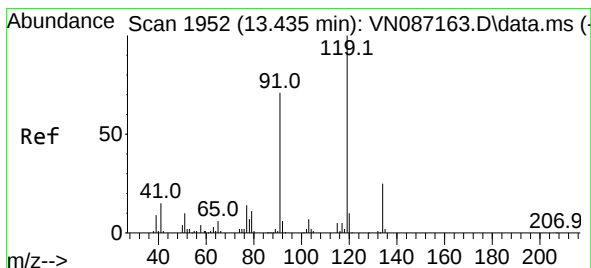
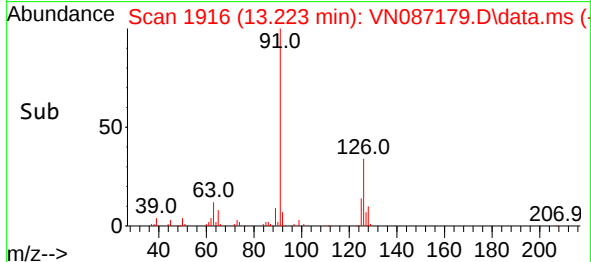
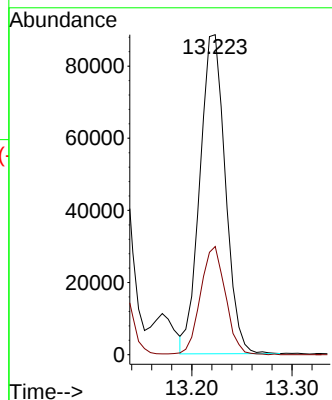
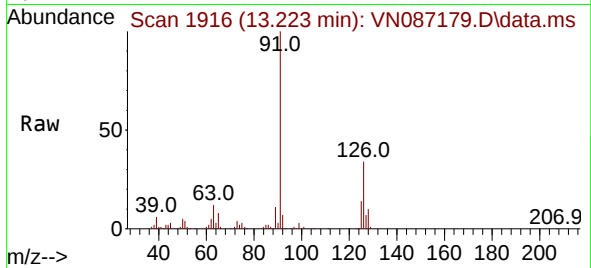




#78
4-Chlorotoluene
Concen: 20.259 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

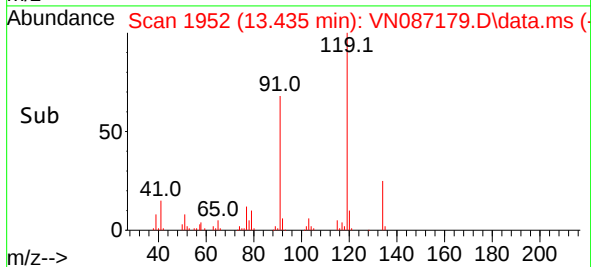
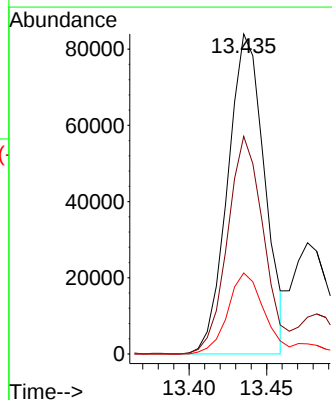
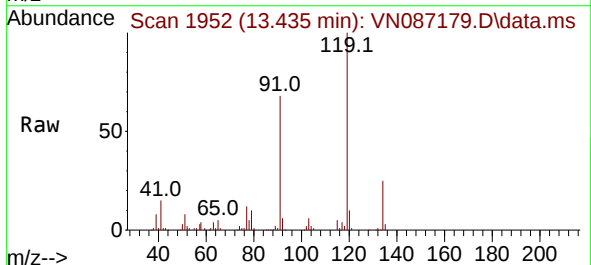
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

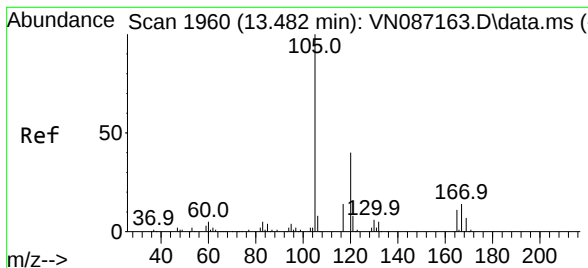
Tgt Ion: 91 Resp: 156405
Ion Ratio Lower Upper
91 100
126 33.3 0.0 65.2



#79
tert-butylbenzene
Concen: 19.849 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion: 119 Resp: 138724
Ion Ratio Lower Upper
119 100
91 67.1 0.0 137.0
134 24.9 0.0 49.4





#80

1,2,4-Trimethylbenzene

Concen: 20.557 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN087179.D

Acq: 25 Jun 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

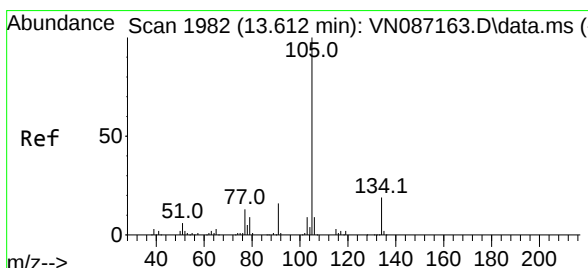
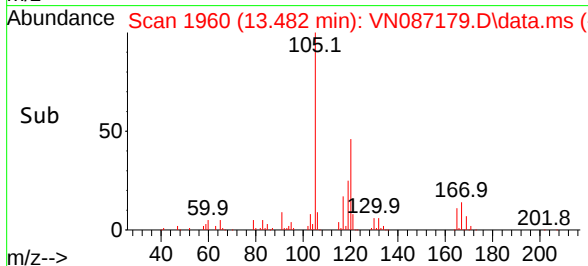
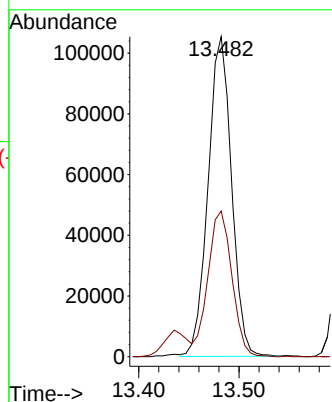
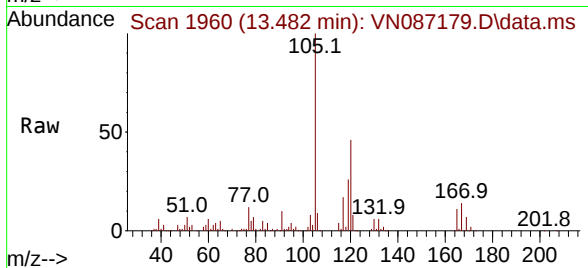
VSTDCCC020EC

Tgt Ion:105 Resp: 171626

Ion Ratio Lower Upper

105 100

120 46.5 0.0 94.0



#81

sec-Butylbenzene

Concen: 20.696 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.006 min

Lab File: VN087179.D

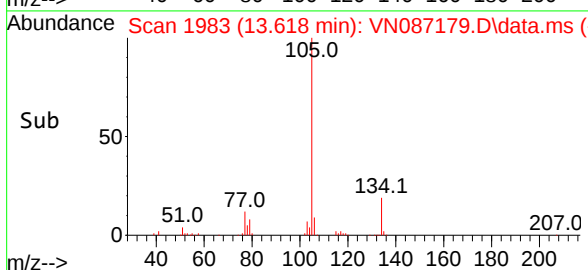
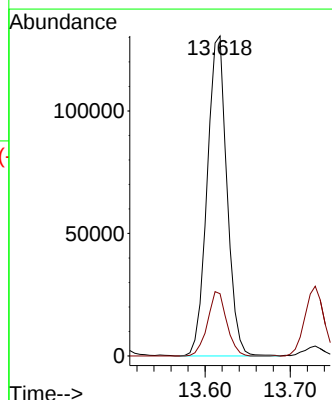
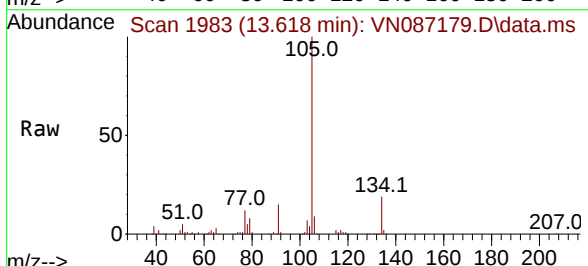
Acq: 25 Jun 2025 16:12

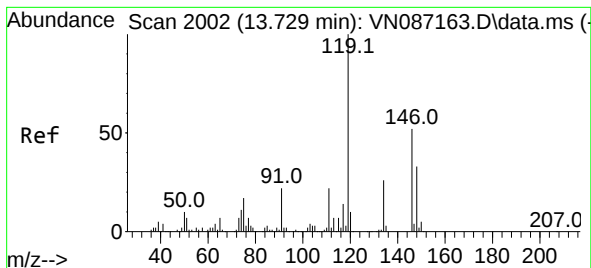
Tgt Ion:105 Resp: 210267

Ion Ratio Lower Upper

105 100

134 19.5 0.0 39.4

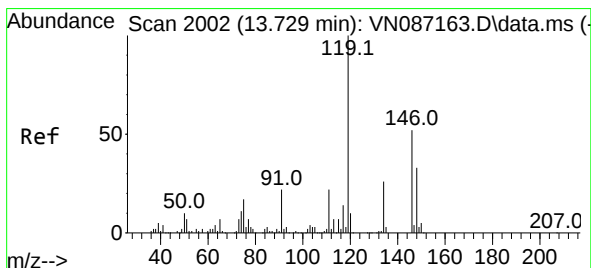
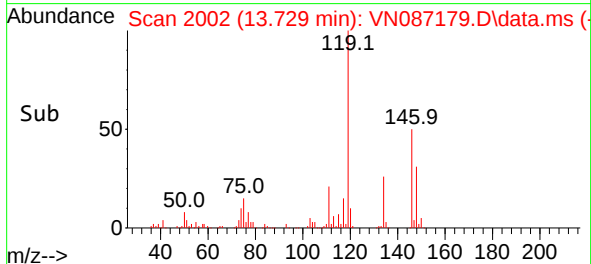
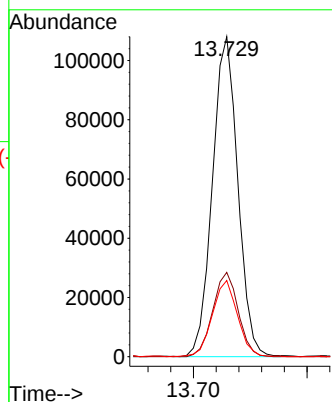
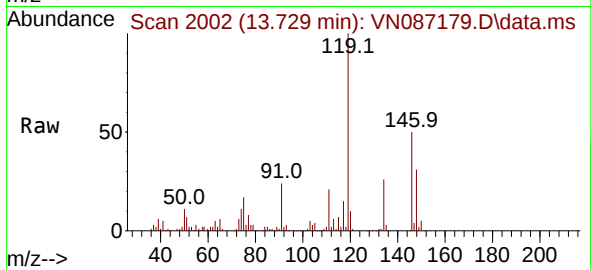




#82
p-Isopropyltoluene
Concen: 19.852 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

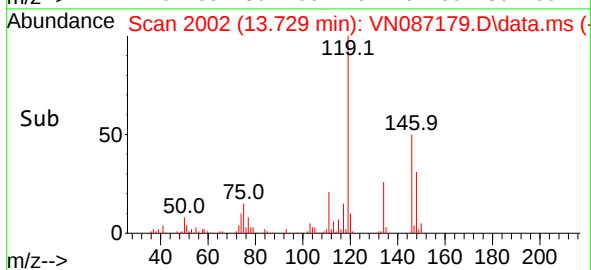
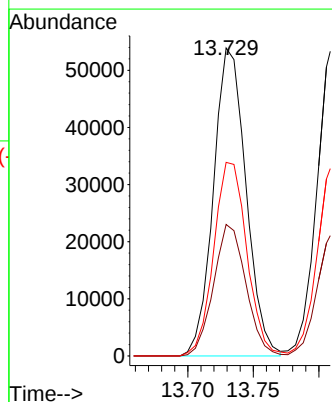
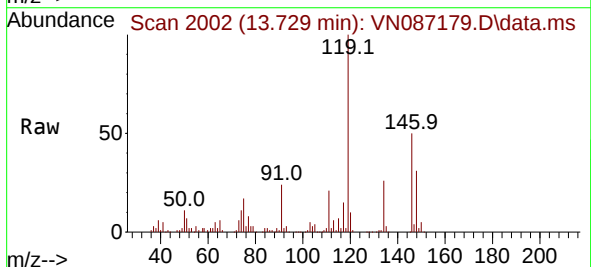
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

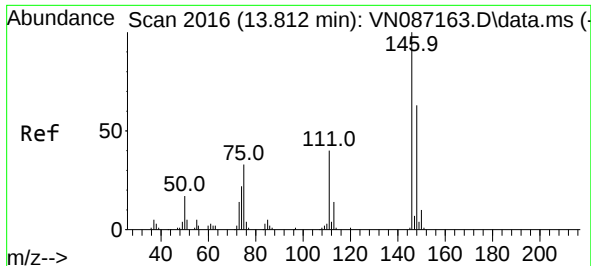
Tgt Ion:119 Resp: 167840
Ion Ratio Lower Upper
119 100
134 26.3 0.0 51.2
91 23.6 0.0 46.4



#83
1,3-Dichlorobenzene
Concen: 19.518 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion:146 Resp: 93115
Ion Ratio Lower Upper
146 100
111 42.5 21.1 63.3
148 64.0 31.6 94.8

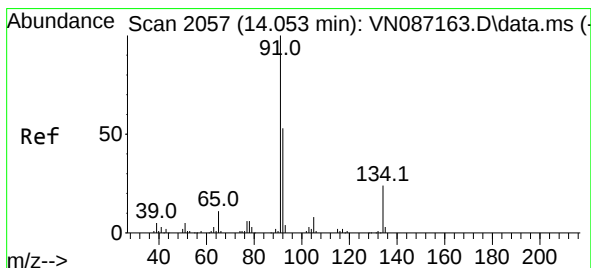
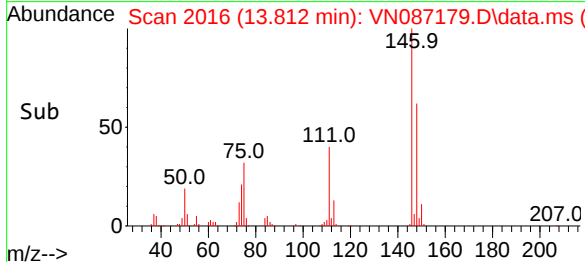
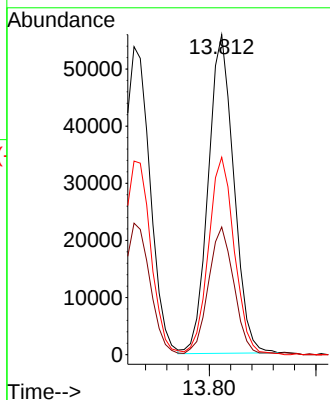
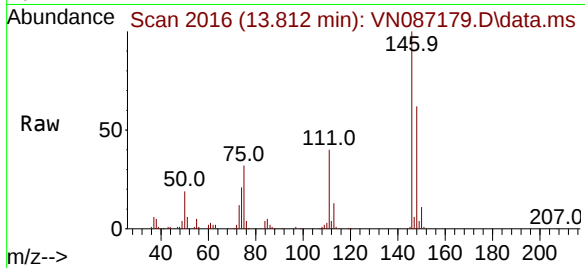




#84
1,4-Dichlorobenzene
Concen: 19.356 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

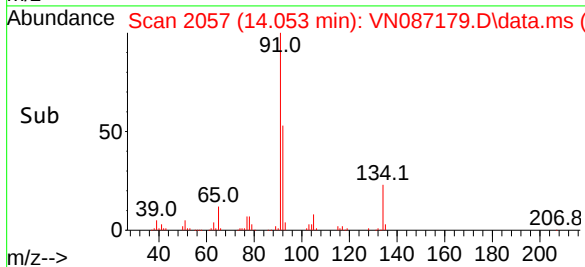
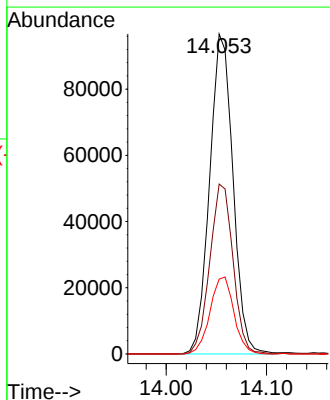
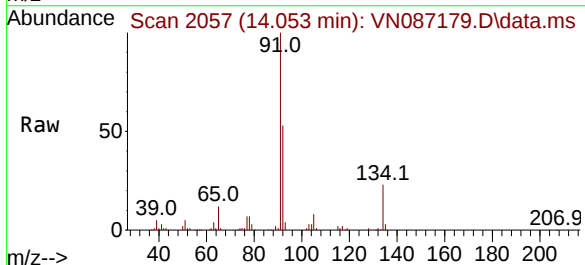
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

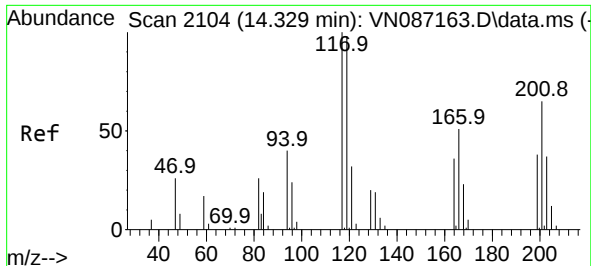
Tgt Ion:146 Resp: 92935
Ion Ratio Lower Upper
146 100
111 40.0 20.1 60.2
148 62.9 31.4 94.2



#85
n-Butylbenzene
Concen: 20.242 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion: 91 Resp: 156148
Ion Ratio Lower Upper
91 100
92 52.8 0.0 106.4
134 24.6 0.0 48.8

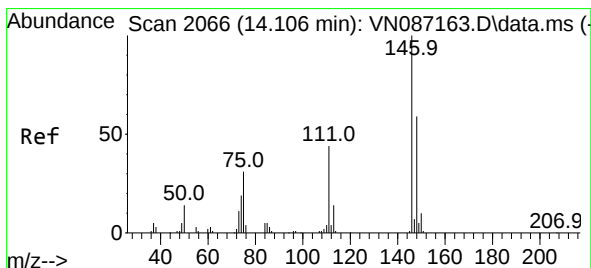
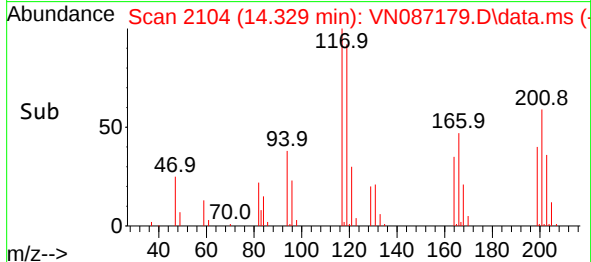
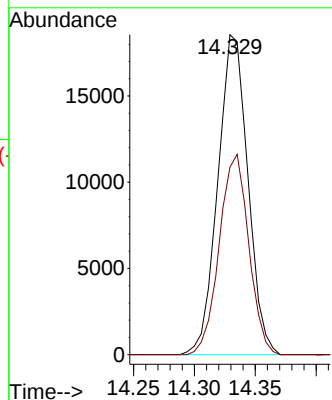
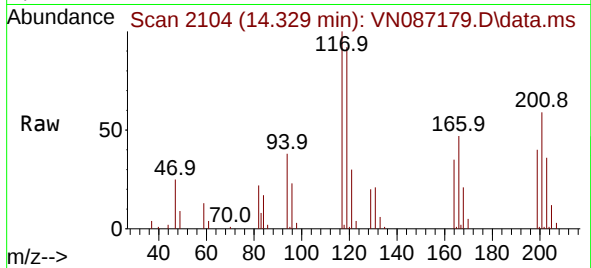




#86
Hexachloroethane
Concen: 19.895 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

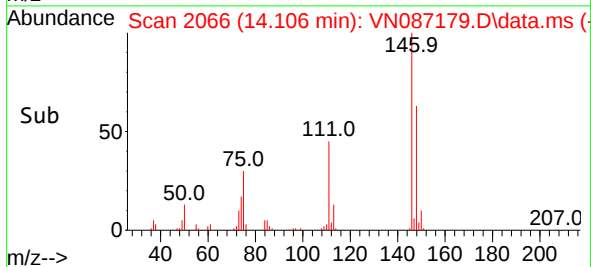
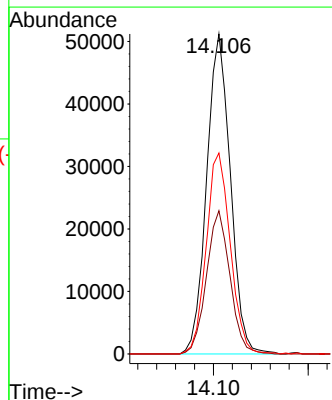
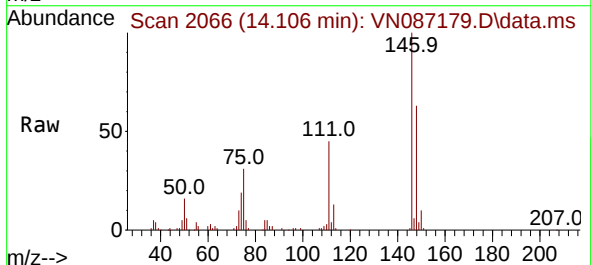
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

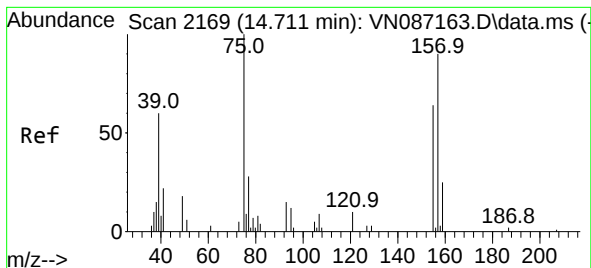
Tgt Ion:117 Resp: 31840
Ion Ratio Lower Upper
117 100
201 61.4 30.8 92.3



#87
1,2-Dichlorobenzene
Concen: 19.805 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

Tgt Ion:146 Resp: 89090
Ion Ratio Lower Upper
146 100
111 44.2 22.1 66.1
148 63.6 31.6 95.0





#88

1,2-Dibromo-3-Chloropropane

Concen: 20.367 ug/l

RT: 14.717 min Scan# 2169

Delta R.T. 0.006 min

Lab File: VN087179.D

Acq: 25 Jun 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

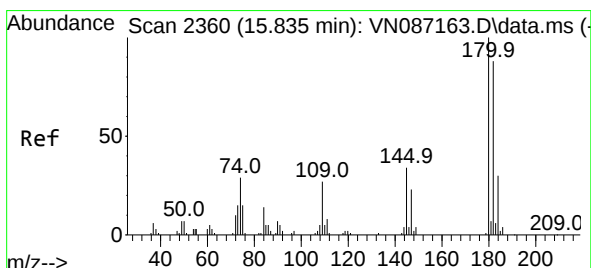
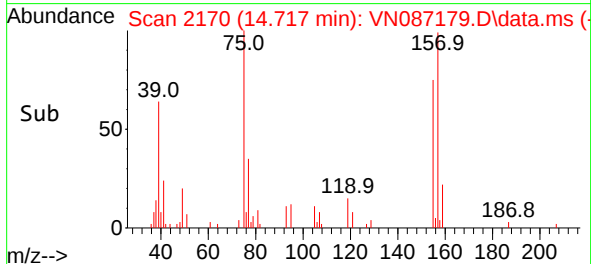
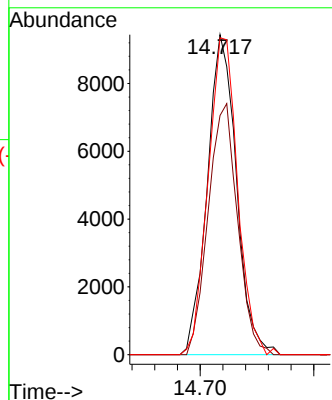
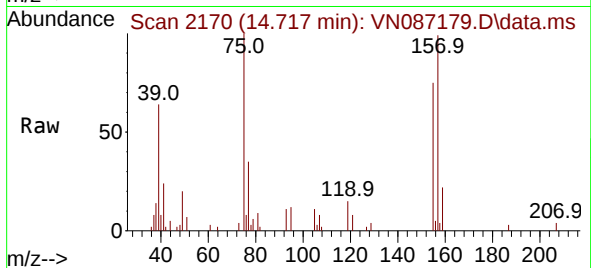
Tgt Ion: 75 Resp: 16859

Ion Ratio Lower Upper

75 100

155 78.8 58.3 87.5

157 99.8 79.2 118.8



#89

1,2,4-Trichlorobenzene

Concen: 20.146 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN087179.D

Acq: 25 Jun 2025 16:12

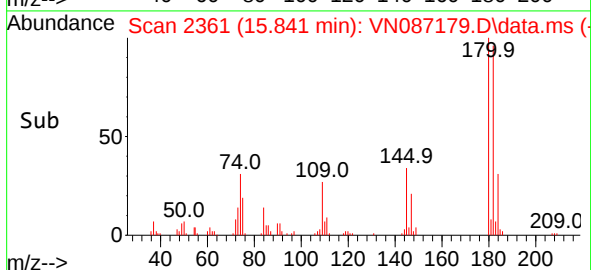
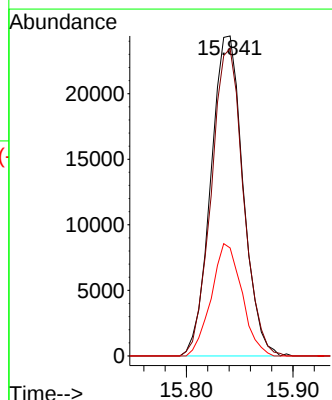
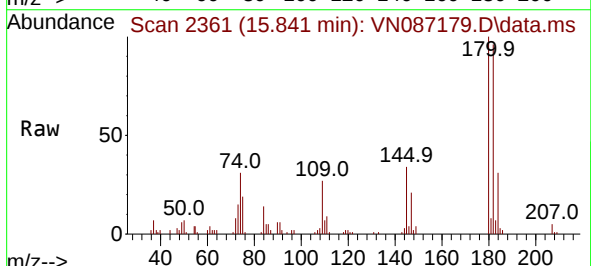
Tgt Ion: 180 Resp: 51271

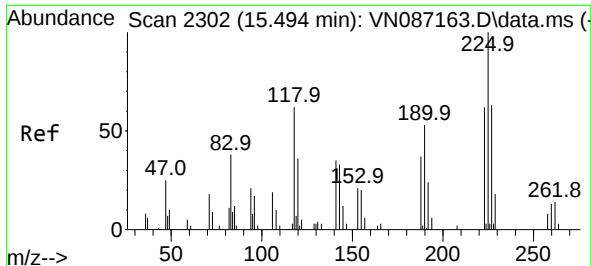
Ion Ratio Lower Upper

180 100

182 95.5 74.2 111.2

145 33.3 27.6 41.4

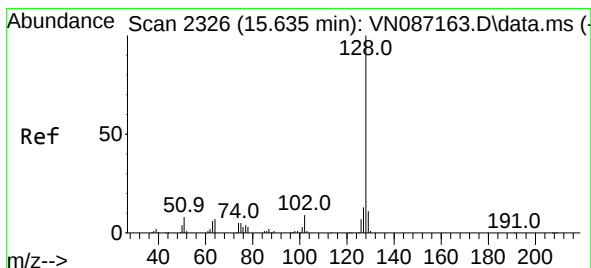
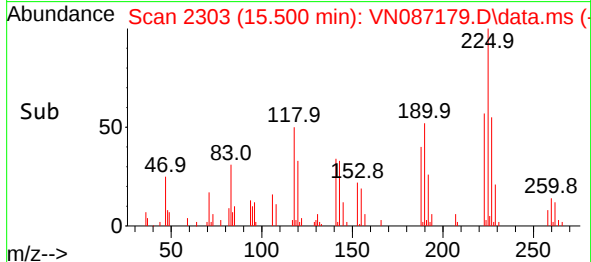
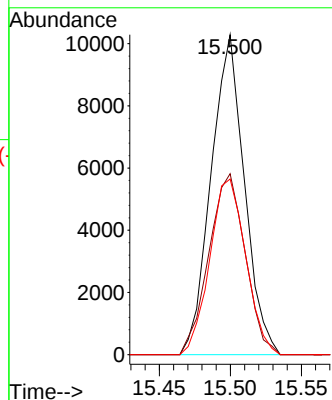
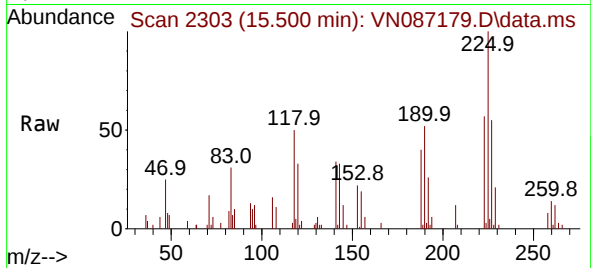




#90
Hexachlorobutadiene
Concen: 22.232 ug/l
RT: 15.500 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

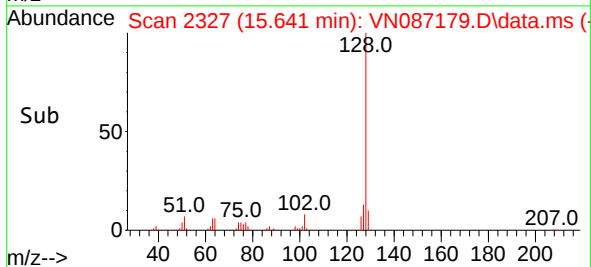
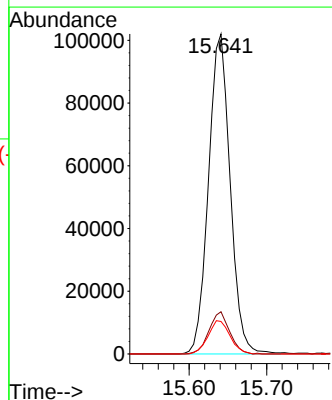
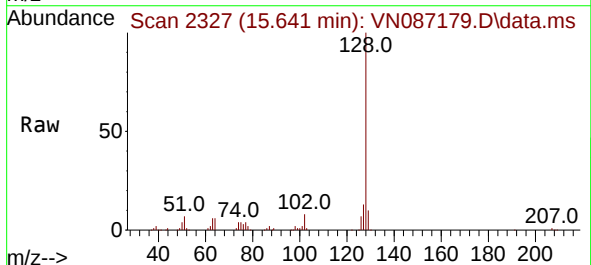
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

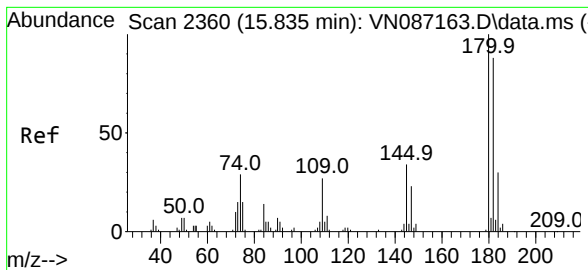
Tgt Ion:225 Resp: 16790
Ion Ratio Lower Upper
225 100
223 61.6 0.0 134.2
227 59.1 0.0 122.6



#91
Naphthalene
Concen: 19.776 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN087179.D
Acq: 25 Jun 2025 16:12

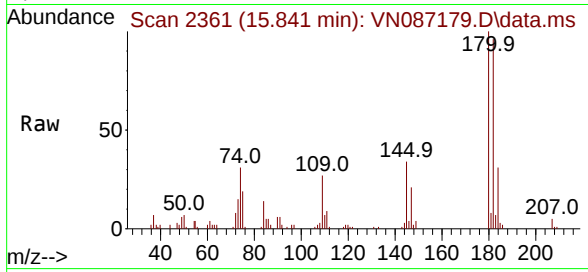
Tgt Ion:128 Resp: 198074
Ion Ratio Lower Upper
128 100
127 12.5 10.6 15.8
129 10.5 8.8 13.2





#92
 1,2,3-Trichlorobenzene
 Concen: 20.146 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN087179.D
 Acq: 25 Jun 2025 16:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:	180	Resp:	51271
Ion Ratio	Lower	Upper	
180	100		
182	95.5	0.0	185.4
145	33.3	0.0	69.0

