

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101725\
 Data File : VN088057.D
 Acq On : 17 Oct 2025 10:36
 Operator : JC\MD
 Sample : VN1017WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBSD01

Quant Time: Oct 18 01:26:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	65413	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	359810	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	319803	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	160373	31.485	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 104.967%	
60) 4-Bromofluorobenzene	12.829	95	157631	29.899	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.667%	
63) Toluene-d8	10.547	98	435417	30.559	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.867%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	78833	21.041	ug/l	93
3) Chloromethane	2.383	50	80807	19.024	ug/l	99
4) Vinyl Chloride	2.536	62	87603	19.779	ug/l	100
5) Bromomethane	2.983	94	48410	20.326	ug/l	98
6) Chloroethane	3.142	64	55974	19.158	ug/l	99
7) Trichlorofluoromethane	3.518	101	129328	21.473	ug/l	99
8) Diethyl Ether	3.959	74	53446	19.639	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	68415	21.220	ug/l	97
10) 1,1-Dichloroethene	4.342	96	68376	19.881	ug/l	99
11) Methyl Iodide	4.583	142	54630	17.234	ug/l	95
12) Methyl Acetate	5.018	43	112344	20.093	ug/l	94
13) Acrolein	4.177	56	79427	91.796	ug/l #	8
14) Acrylonitrile	5.706	53	244395	90.575	ug/l	98
15) Acetone	4.424	58	73551	93.078	ug/l	88
16) Carbon Disulfide	4.706	76	209149	19.399	ug/l	98
17) Allyl chloride	5.012	41	121814	18.770	ug/l	96
18) Methylene Chloride	5.265	84	83118	19.014	ug/l	93
19) trans-1,2-Dichloroethene	5.771	96	76791	19.311	ug/l	88
20) Diisopropyl ether	6.659	45	285092	19.295	ug/l	96
21) 1,1-Dichloroethane	6.553	63	156888	20.397	ug/l	96
22) cis-1,2-Dichloroethene	7.471	96	93825	18.849	ug/l	94
23) tert-Butyl Alcohol	5.518	59	89595	82.791	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	284030	19.132	ug/l	100
25) Chloroform	7.947	83	155760	19.624	ug/l	97
26) Cyclohexane	8.241	56	129096	20.257	ug/l #	98
29) 1,1-Dichloropropene	8.353	75	107684	20.879	ug/l	95
30) 2-Butanone	7.465	43	358092	94.140	ug/l	98
31) 2,2-Dichloropropane	7.471	77	135758	20.429	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	130885	20.309	ug/l	97
33) Carbon Tetrachloride	8.341	117	109382	20.263	ug/l	95
34) Benzene	8.583	78	329461	19.259	ug/l	96
35) Methacrylonitrile	7.759	41	74397	18.599	ug/l	92
36) 1,2-Dichloroethane	8.653	62	121966	20.537	ug/l	98
37) Trichloroethene	9.330	130	75152	18.542	ug/l	93
38) Methylcyclohexane	9.577	83	131631	20.667	ug/l	96
39) 1,2-Dichloropropane	9.600	63	85728	19.986	ug/l	100
40) Dibromomethane	9.688	93	62068	19.878	ug/l	93
41) Bromodichloromethane	9.865	83	125840	19.733	ug/l	99
42) Vinyl Acetate	6.589	43	1333455	102.902	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	147140	20.123	ug/l	96
44) Isopropyl Acetate	8.671	43	231811	19.410	ug/l	98
45) 1,4-Dioxane	9.677	88	26935	339.104	ug/l #	94
46) Methyl methacrylate	9.659	41	102432	19.476	ug/l	94
47) n-amyl Acetate	12.565	43	3182	0.562	ug/l #	67
48) t-1,3-Dichloropropene	10.818	75	135939	19.170	ug/l	98
49) cis-1,3-Dichloropropene	10.288	75	146225	19.769	ug/l	92
50) 1,1,2-Trichloroethane	10.994	97	78475	18.979	ug/l	94
51) Ethyl methacrylate	10.859	69	135539	19.369	ug/l	96
52) 1,3-Dichloropropane	11.141	76	144001	19.961	ug/l	100
53) Dibromochloromethane	11.335	129	92926	18.798	ug/l	99
54) 1,2-Dibromoethane	11.447	107	80897	18.300	ug/l	96
55) 2-Chloroethyl vinyl ether	10.141	63	345576	91.489	ug/l	98
56) Bromoform	12.565	173	58921	17.630	ug/l	98
58) 4-Methyl-2-Pentanone	10.424	43	684259	95.657	ug/l	98
59) 2-Hexanone	11.176	43	453352	95.992	ug/l	99
61) Tetrachloroethene	11.082	164	61856	19.100	ug/l	88
62) Toluene	10.612	91	354587	19.547	ug/l	100
64) Chlorobenzene	11.871	112	224911	19.411	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.935	131	76567	19.175	ug/l	95
66) Ethyl Benzene	11.941	91	390582	19.801	ug/l	99
67) m/p-Xylenes	12.047	106	298777	39.291	ug/l	97
68) o-Xylene	12.376	106	146619	19.369	ug/l	96
69) Styrene	12.388	104	238932	19.081	ug/l	99
70) Isopropylbenzene	12.671	105	373836	20.149	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.918	83	121382	19.297	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	164938	28.234	ug/l	57
73) Bromobenzene	12.959	156	84476	18.629	ug/l	93
74) n-propylbenzene	13.012	91	458411	20.467	ug/l	98
75) 2-Chlorotoluene	13.100	91	270316	19.739	ug/l	98
76) 1,3,5-Trimethylbenzene	13.153	105	314783	19.974	ug/l	97
77) t-1,4-Dichloro-2-butene	12.723	75	42042	18.059	ug/l	91
78) 4-Chlorotoluene	13.200	91	277549	19.949	ug/l	98
79) tert-butylbenzene	13.418	119	276568	20.243	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	311676	19.755	ug/l	97
81) sec-Butylbenzene	13.594	105	398977	20.771	ug/l	97
82) p-Isopropyltoluene	13.706	119	337559	20.583	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	163469	19.160	ug/l	99
84) 1,4-Dichlorobenzene	13.794	146	171817	19.527	ug/l	98
85) n-Butylbenzene	14.035	91	318876	20.899	ug/l	97
86) Hexachloroethane	14.306	117	66012	20.093	ug/l	88
87) 1,2-Dichlorobenzene	14.082	146	157781	18.801	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	26957	18.660	ug/l	95
89) 1,2,4-Trichlorobenzene	15.811	180	90270	18.059	ug/l	96
90) Hexachlorobutadiene	15.470	225	33868	19.467	ug/l	97
91) Naphthalene	15.611	128	336619	18.394	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	90270	18.059	ug/l	96

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

Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

Abundance

TIC: VN088057.D\data.ms

Time-->

1150000

1100000

1050000

1000000

950000

900000

850000

800000

750000

700000

650000

600000

550000

500000

450000

400000

350000

300000

250000

200000

150000

100000

50000

0

2.00

3.00

4.00

5.00

6.00

7.00

8.00

9.00

10.00

11.00

12.00

13.00

14.00

15.00

16.00

Dichlorodifluoromethane, M

Chloromethane, M

Vinyl Chloride, M

Bromomethane, M

Chloroethane, M

Trichlorofluoromethane, M

Diethyl Ether, T

Acrolein, M

Methyl Iodide, M

Carbon Disulfide, M

Methylene Chloride, M

tert-Butyl Alcohol, M

Acrylonitrile, M

1,1-Dichloroethane, M

Disopropyl ether, T

Vinyl Acetate, M

2,2,3,3-Tetrachlorobutane, M

Ethyl Acetate

Methacrylonitrile

Chloroform, M

1,1,1-Trichloroethane, M

1,1,2-Trichloroethane, M

1,2-Dichloroethane, M

1,2-Dibromoethane, M

1,4-Difluorobenzene, I

Trichloroethene, M

Dibromochloromethane, M

Bromodichloromethane, M

cis-1,3-Dichloropropene, T

2-Chloroethyl vinyl ether, M

4-Methyl-2-Pentanone, M

Toluene-d8, S

Toluene, M

2-Hexanone, M

Chlorobenzene, M

1,1,1,2-Tetrachloroethane, M

Styrene, M

Isopropylbenzene

4-Bromofluorobenzene, S

1,2,3-Trichlorobenzene, M

1,2,4-Trichlorobenzene, M

1,3,5-Trimethylbenzene

2-Chlorotoluene

tert-Butylbenzene

sec-Butylbenzene

1,4-Dichlorobenzene, M

1,2-Dichlorobenzene, M

Hexachloroethane, T

1,2-Dibromo-3-Chloropropane

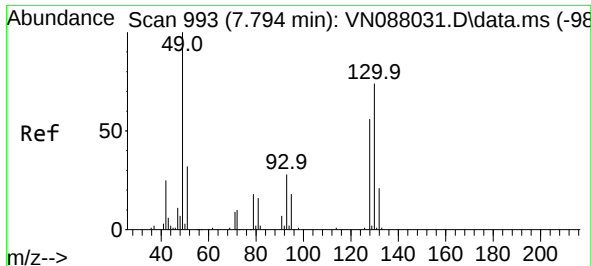
n-Butylbenzene

1,2,3-Trichlorobenzene

Naphthalene, M

Hexachlorobutadiene

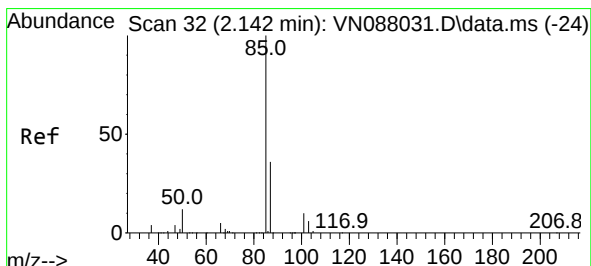
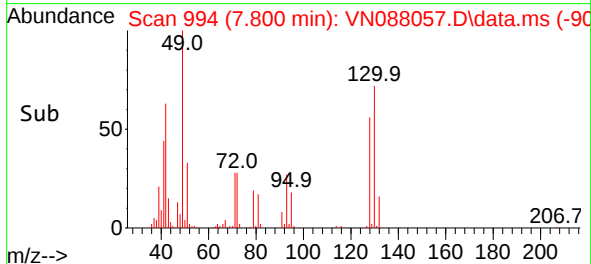
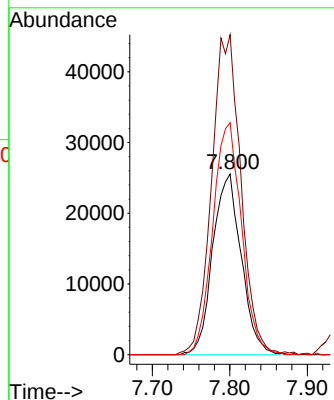
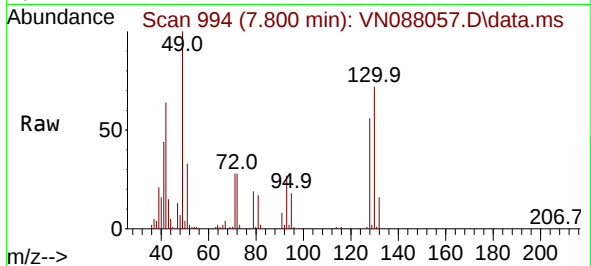
1,2,3-Trichlorobenzene



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.800 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VN088057.D
 Acq: 17 Oct 2025 10:36

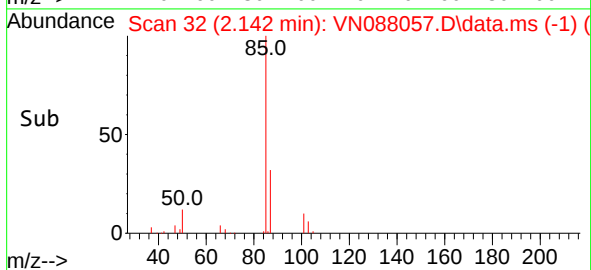
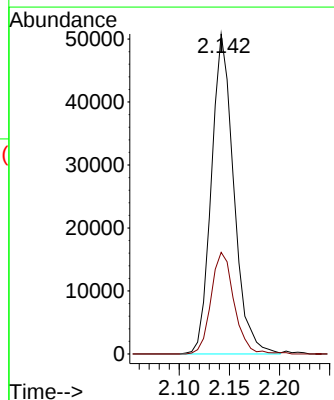
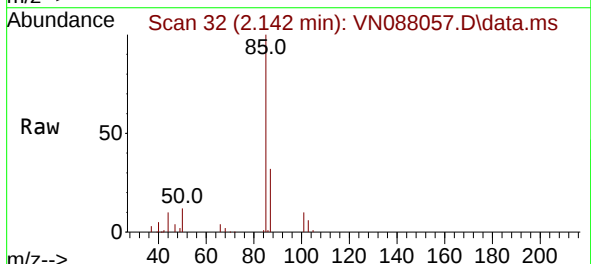
Instrument :
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 ClientSampleId :
 VN1017WBSD01

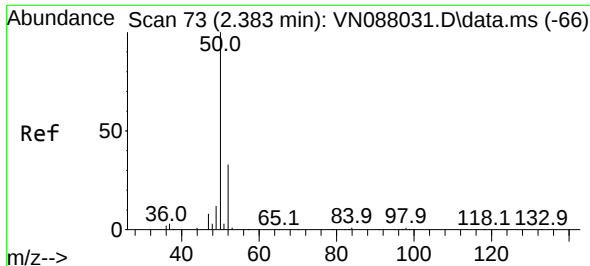
Tgt Ion:128 Resp: 65413
 Ion Ratio Lower Upper
 128 100
 49 181.7 0.0 439.8
 130 129.1 0.0 325.8



#2
 Dichlorodifluoromethane
 Concen: 21.041 ug/l
 RT: 2.142 min Scan# 32
 Delta R.T. 0.000 min
 Lab File: VN088057.D
 Acq: 17 Oct 2025 10:36

Tgt Ion: 85 Resp: 78833
 Ion Ratio Lower Upper
 85 100
 87 31.7 17.9 53.8

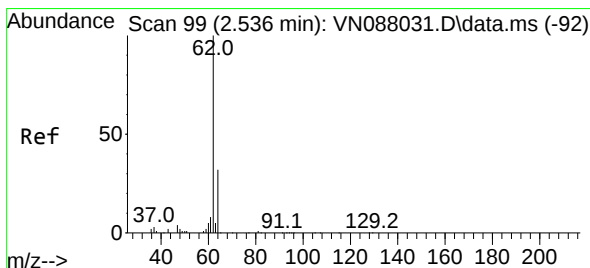
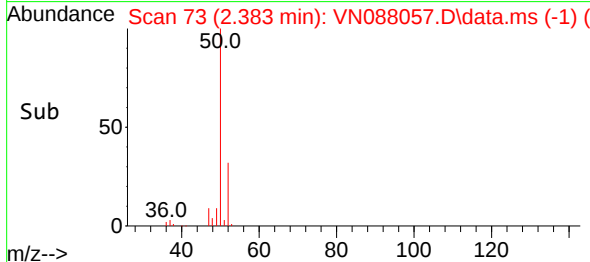
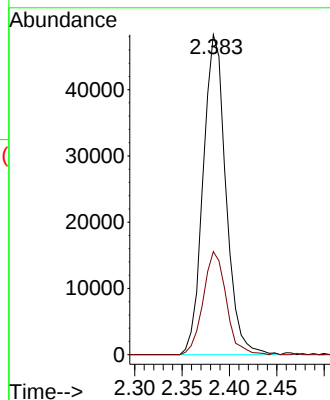
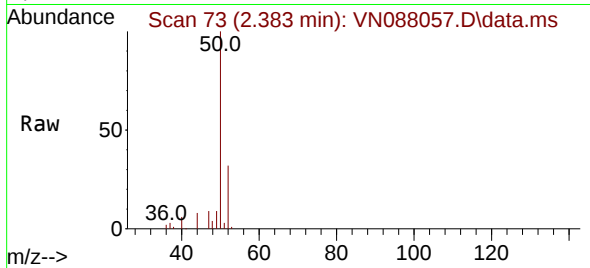




#3
Chloromethane
Concen: 19.024 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

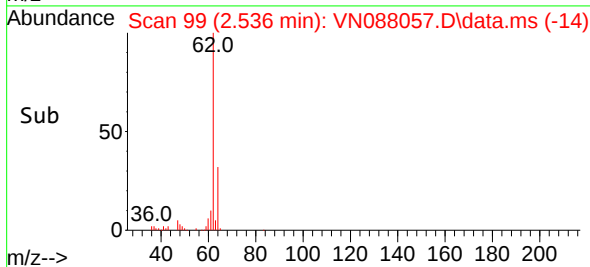
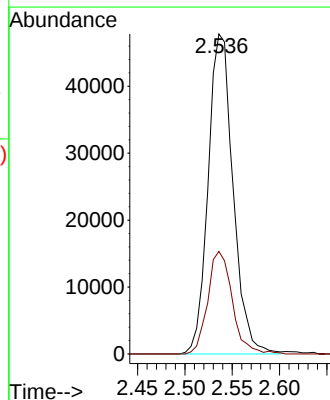
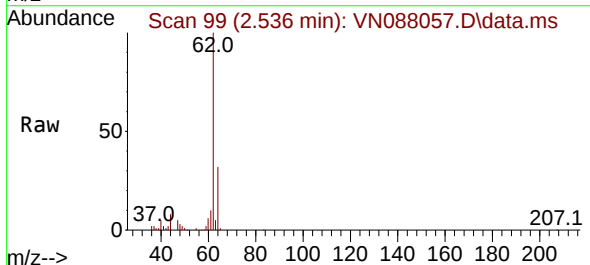
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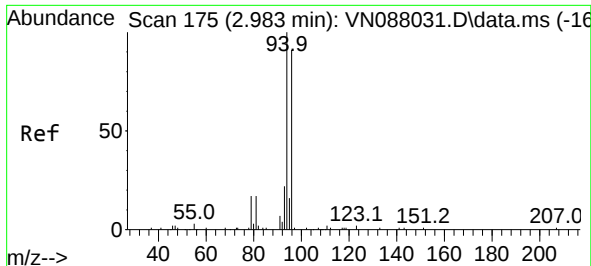
Tgt Ion: 50 Resp: 80807
Ion Ratio Lower Upper
50 100
52 32.2 26.3 39.5



#4
Vinyl Chloride
Concen: 19.779 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 62 Resp: 87603
Ion Ratio Lower Upper
62 100
64 32.0 25.7 38.5

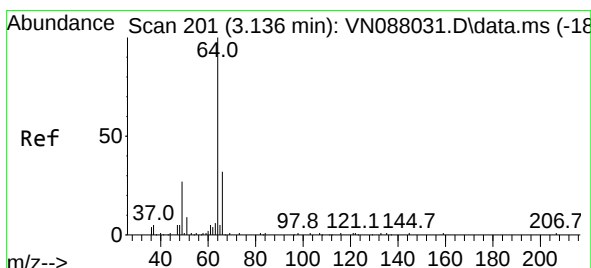
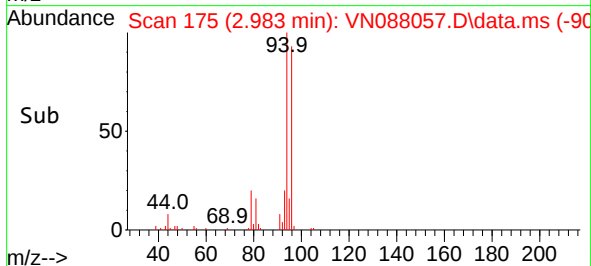
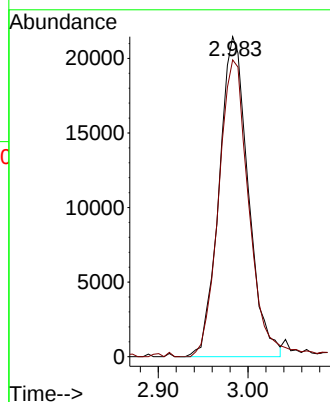
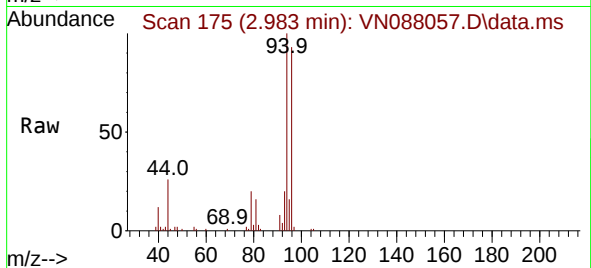




#5
Bromomethane
Concen: 20.326 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

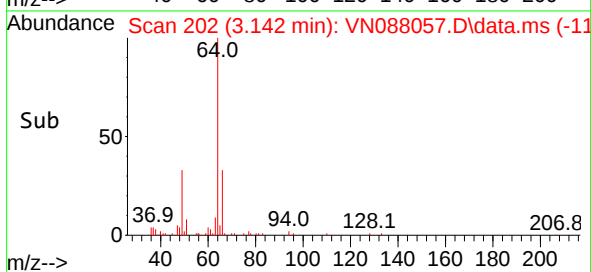
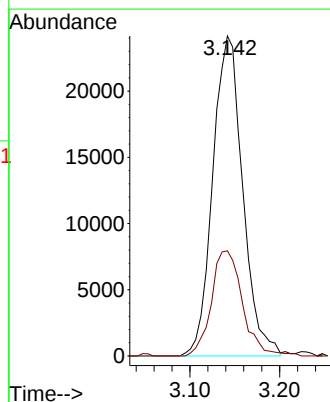
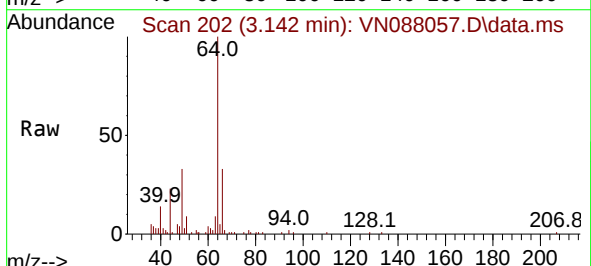
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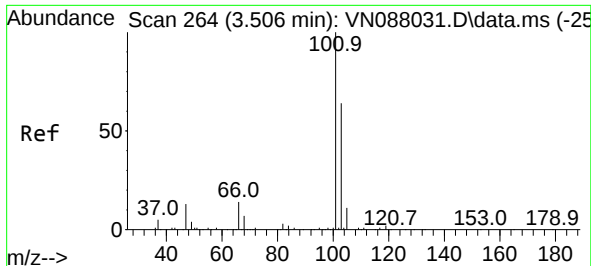
Tgt Ion: 94 Resp: 48410
Ion Ratio Lower Upper
94 100
96 92.8 73.0 109.4



#6
Chloroethane
Concen: 19.158 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 64 Resp: 55974
Ion Ratio Lower Upper
64 100
66 32.9 26.8 40.2

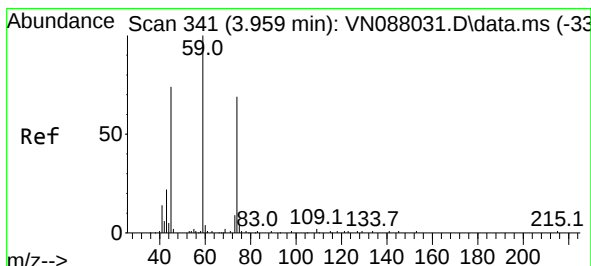
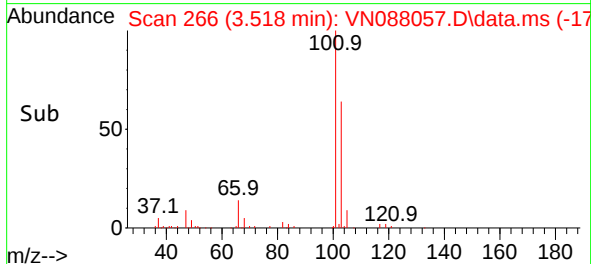
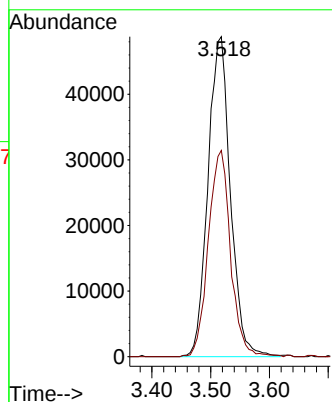
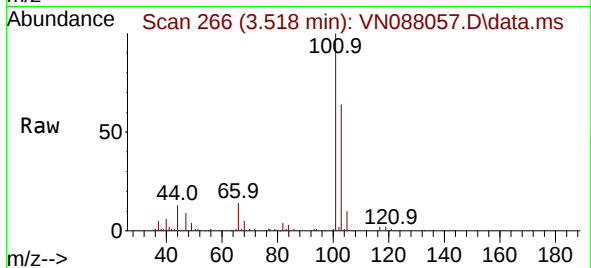




#7
Trichlorofluoromethane
Concen: 21.473 ug/l
RT: 3.518 min Scan# 264
Delta R.T. 0.012 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

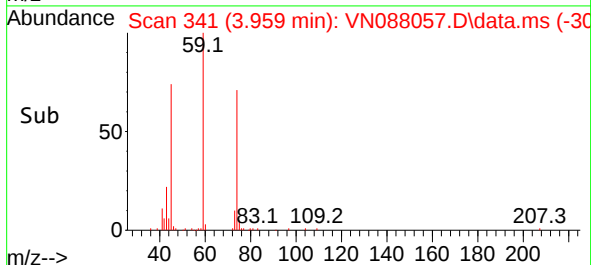
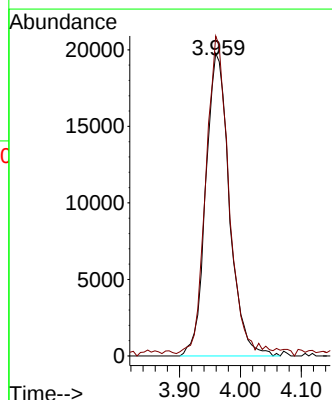
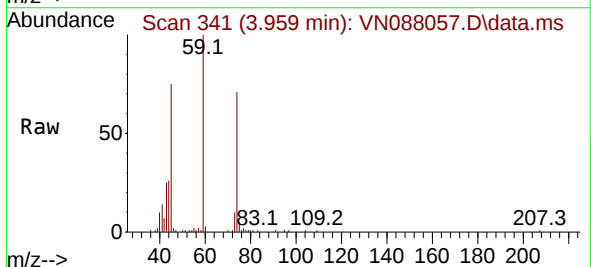
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ClientSampleId :
VN1017WBSD01

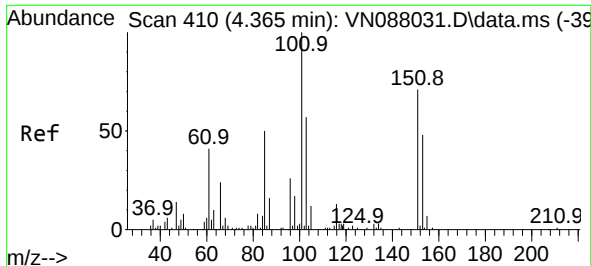
Tgt Ion:101 Resp: 129328
Ion Ratio Lower Upper
101 100
103 64.5 51.0 76.4



#8
Diethyl Ether
Concen: 19.639 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 74 Resp: 53446
Ion Ratio Lower Upper
74 100
45 100.3 20.4 183.8

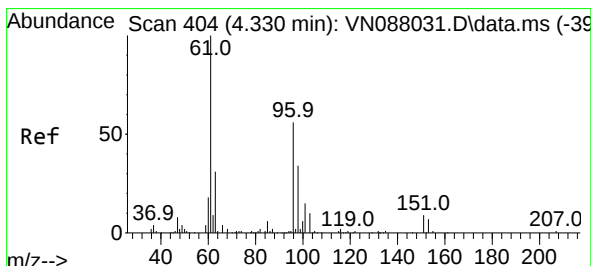
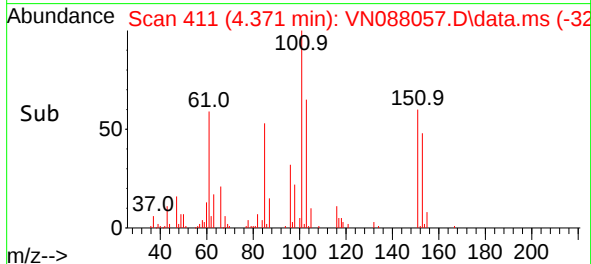
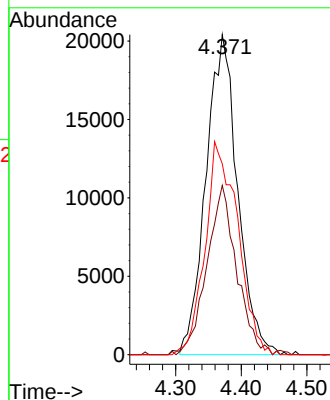
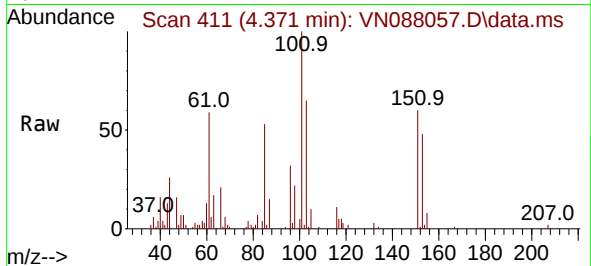




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.220 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

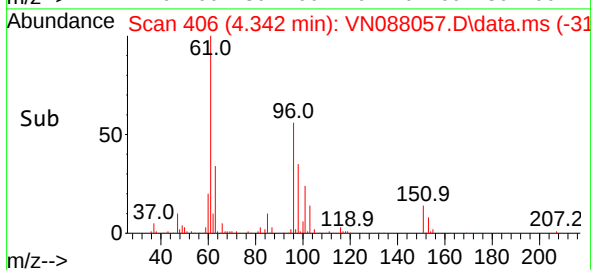
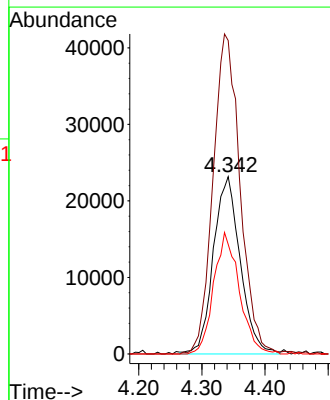
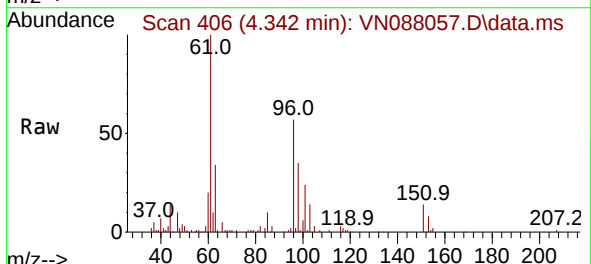
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

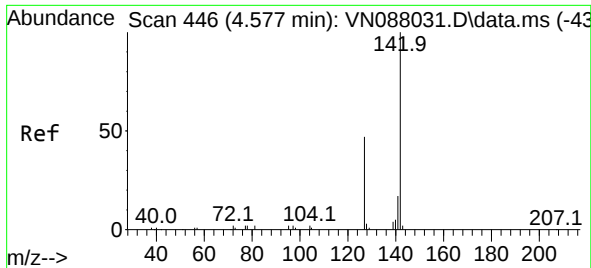
Tgt Ion:101 Resp: 68415
Ion Ratio Lower Upper
101 100
85 49.0 0.0 103.2
151 68.7 0.0 141.4



#10
1,1-Dichloroethene
Concen: 19.881 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 96 Resp: 68376
Ion Ratio Lower Upper
96 100
61 178.5 144.1 216.1
98 62.4 49.0 73.6

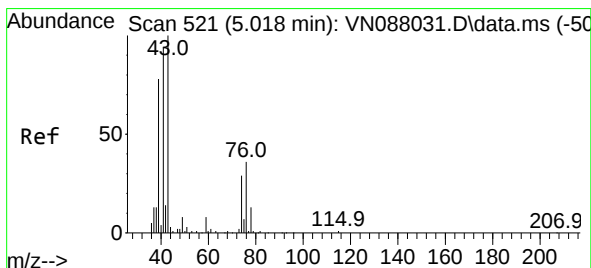
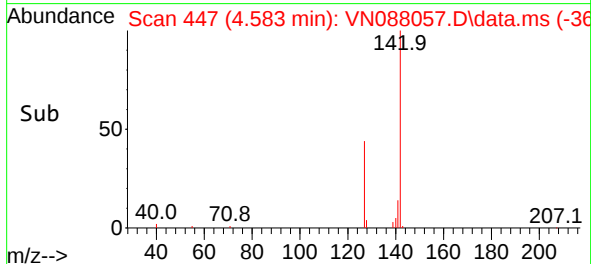
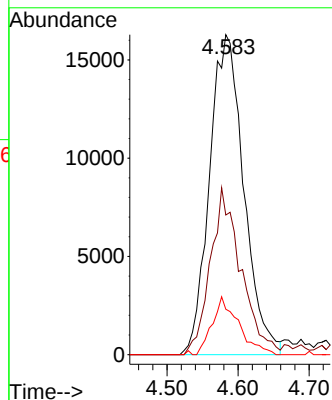
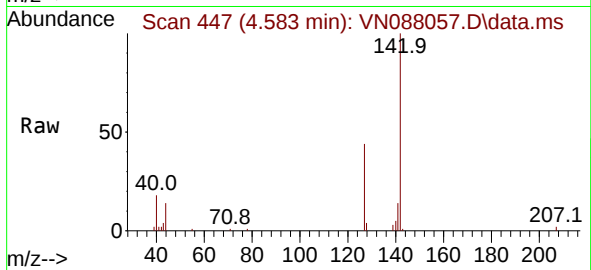




#11
Methyl Iodide
Concen: 17.234 ug/l
RT: 4.583 min Scan# 446
Delta R.T. 0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

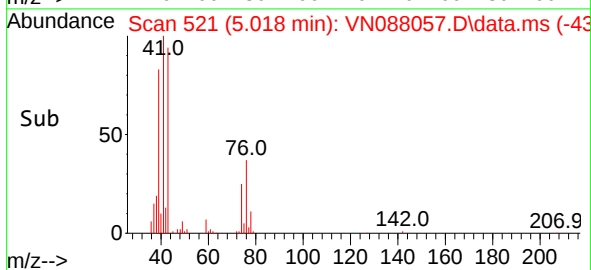
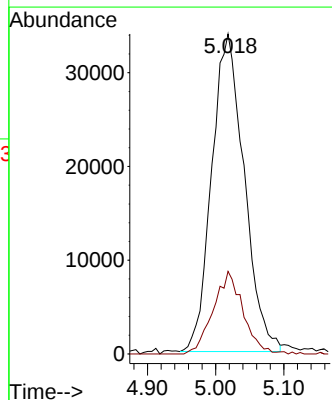
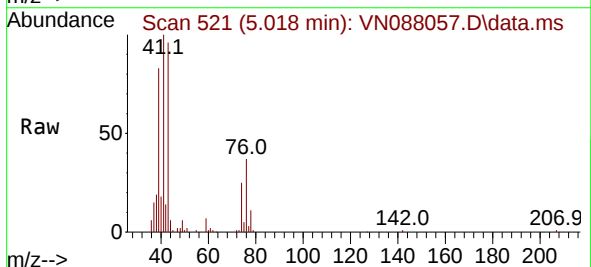
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

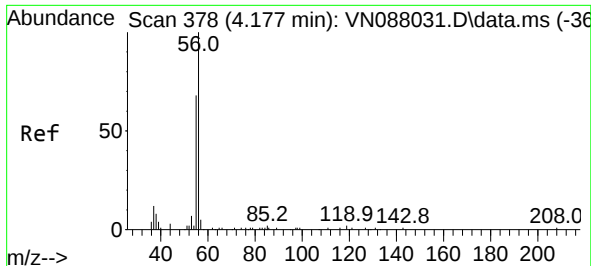
Tgt Ion:142 Resp: 54630
Ion Ratio Lower Upper
142 100
127 43.8 23.4 70.3
141 14.5 8.8 26.2



#12
Methyl Acetate
Concen: 20.093 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 43 Resp: 112344
Ion Ratio Lower Upper
43 100
74 25.9 23.3 34.9





#13

Acrolein

Concen: 91.796 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN088057.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

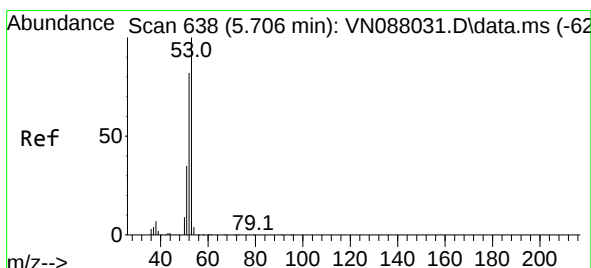
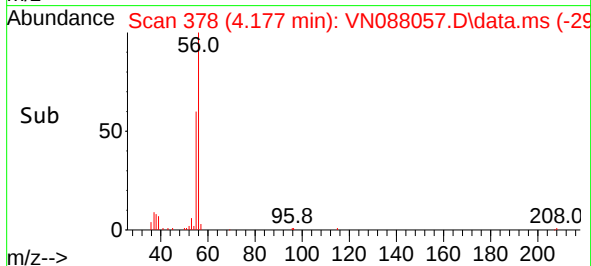
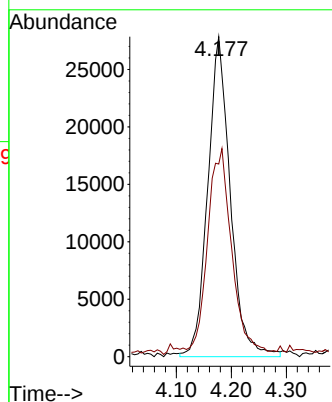
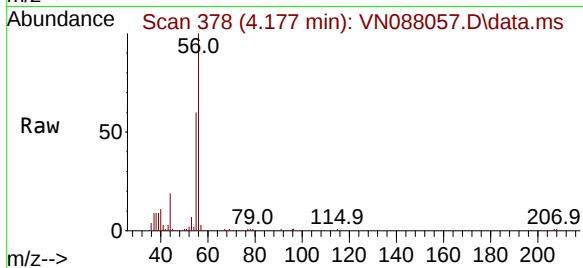
VN1017WBSD01

Tgt Ion: 56 Resp: 79427

Ion Ratio Lower Upper

56 100

55 69.4 0.3 0.5#



#14

Acrylonitrile

Concen: 90.575 ug/l

RT: 5.706 min Scan# 638

Delta R.T. 0.000 min

Lab File: VN088057.D

Acq: 17 Oct 2025 10:36

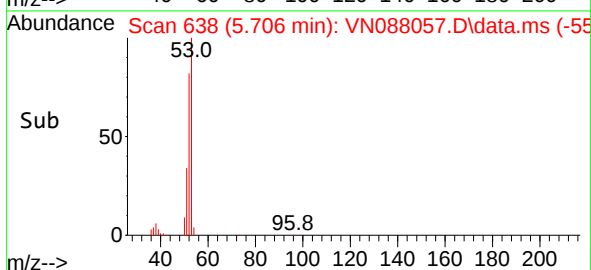
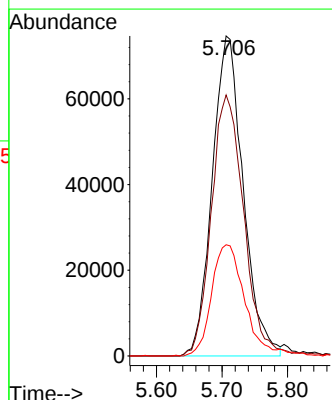
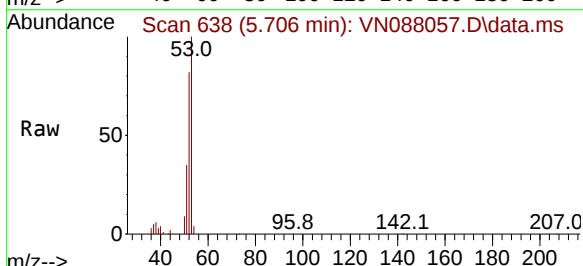
Tgt Ion: 53 Resp: 244395

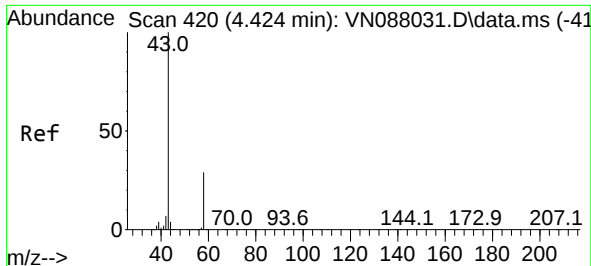
Ion Ratio Lower Upper

53 100

52 85.2 41.3 124.1

51 36.5 18.0 54.0





#15

Acetone

Concen: 93.078 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN088057.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

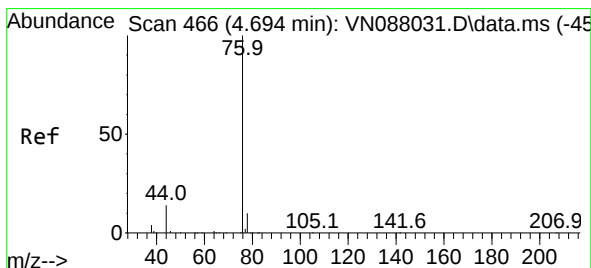
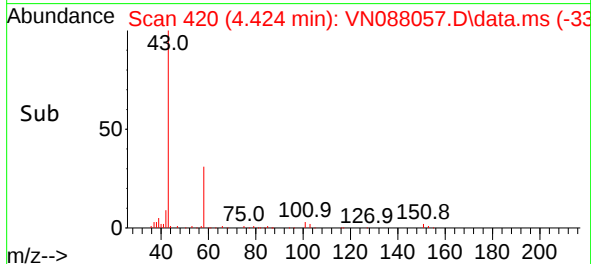
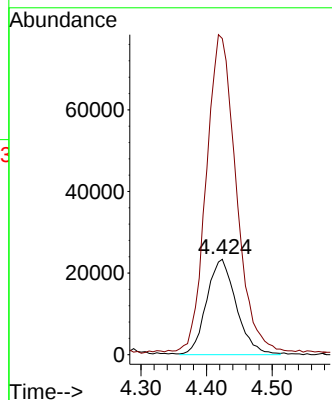
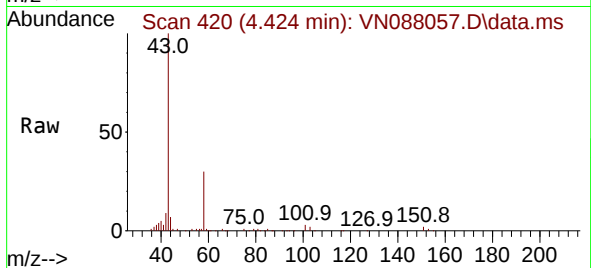
VN1017WBSD01

Tgt Ion: 58 Resp: 73551

Ion Ratio Lower Upper

58 100

43 328.0 282.6 424.0



#16

Carbon Disulfide

Concen: 19.399 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.012 min

Lab File: VN088057.D

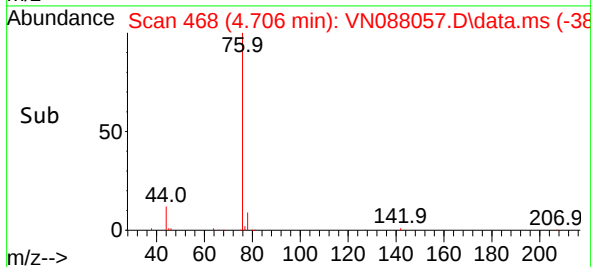
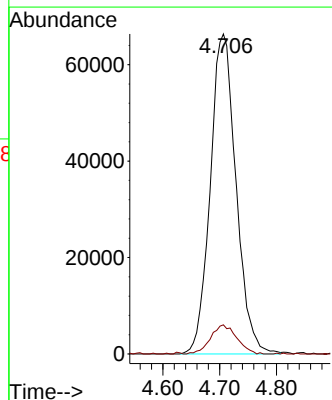
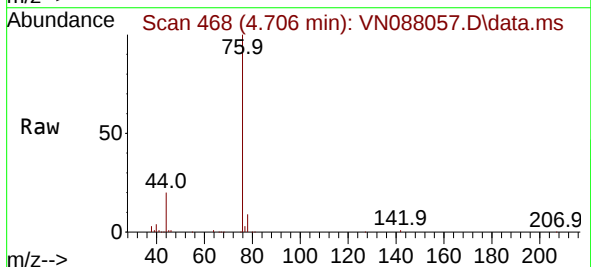
Acq: 17 Oct 2025 10:36

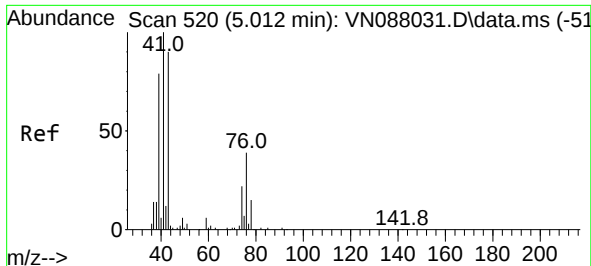
Tgt Ion: 76 Resp: 209149

Ion Ratio Lower Upper

76 100

78 9.1 7.8 11.8

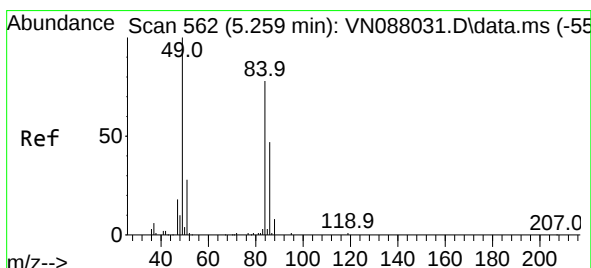
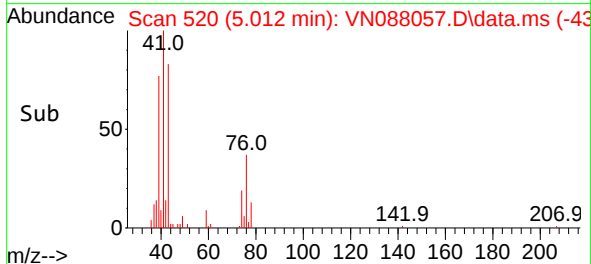
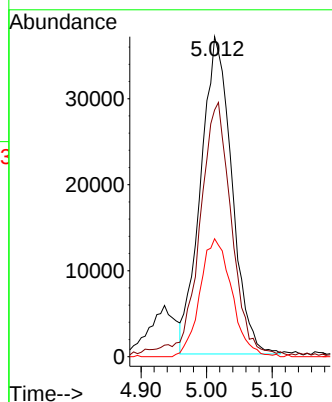
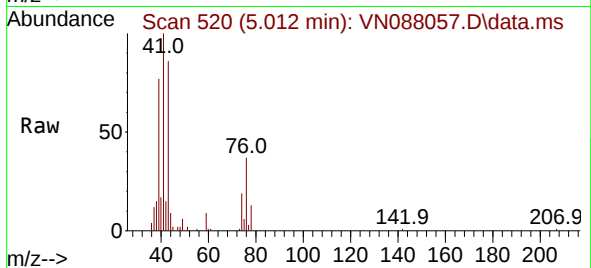




#17
Allyl chloride
Concen: 18.770 ug/l
RT: 5.012 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

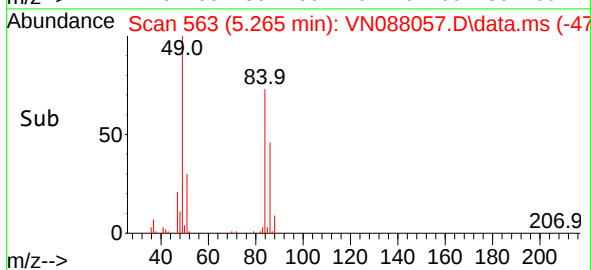
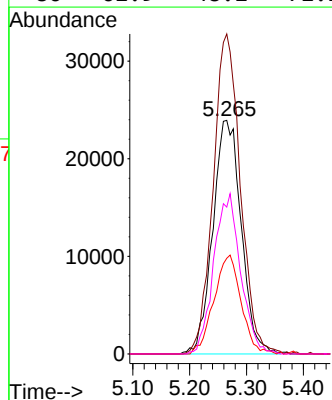
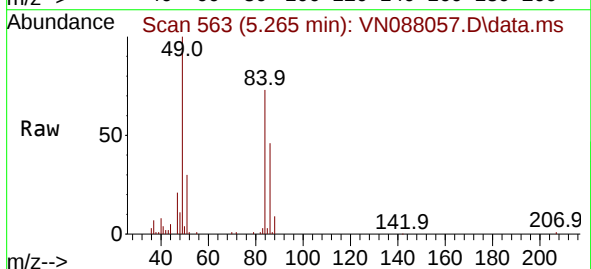
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

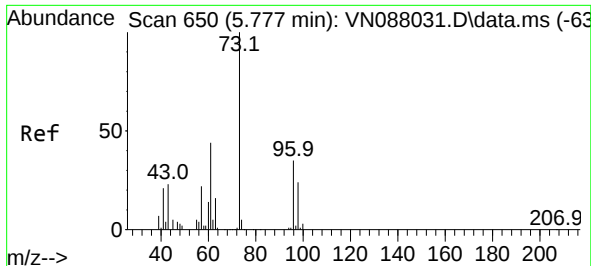
Tgt Ion: 41 Resp: 121814
Ion Ratio Lower Upper
41 100
39 76.4 36.4 109.2
76 37.3 18.1 54.1



#18
Methylene Chloride
Concen: 19.014 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 84 Resp: 83118
Ion Ratio Lower Upper
84 100
49 137.0 102.6 153.8
51 40.9 28.6 42.8
86 62.9 48.2 72.2

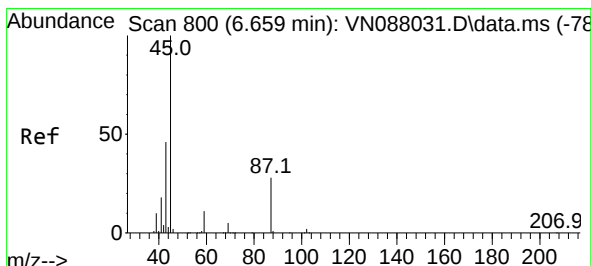
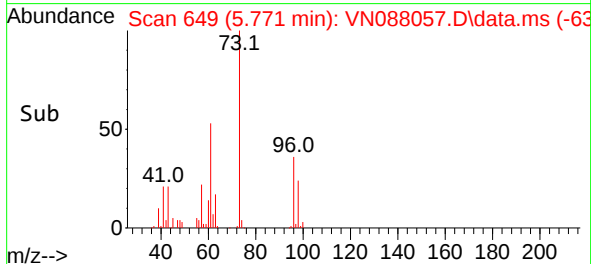
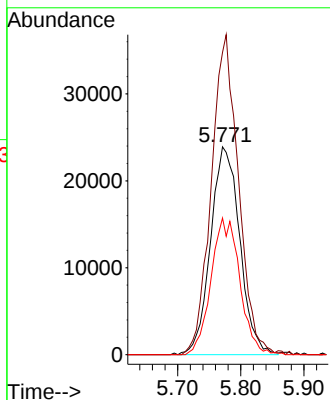
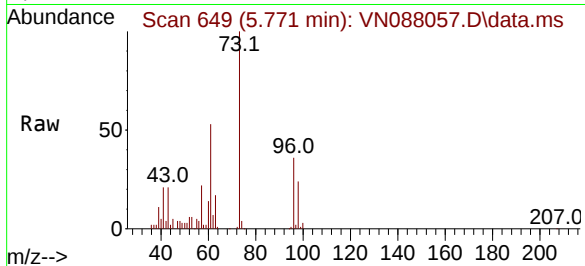




#19
trans-1,2-Dichloroethene
Concen: 19.311 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

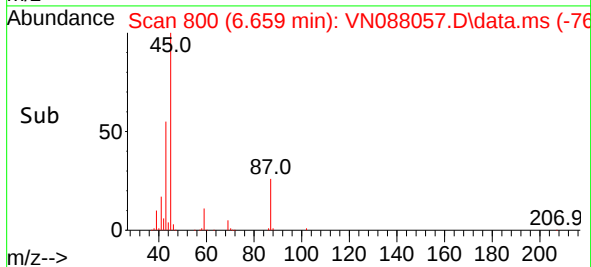
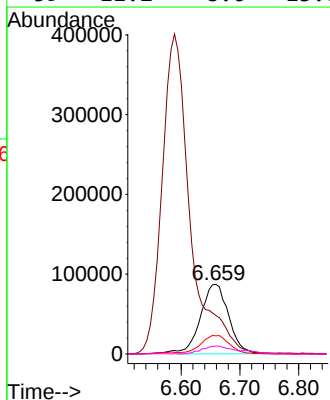
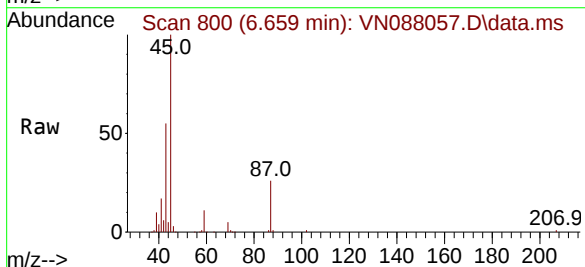
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

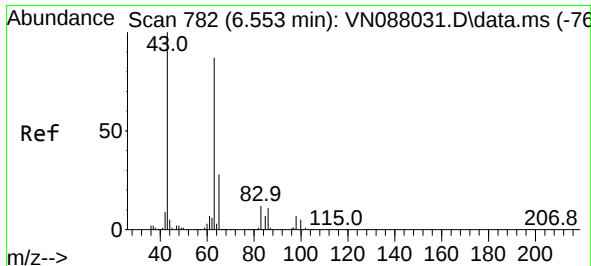
Tgt Ion: 96 Resp: 76791
Ion Ratio Lower Upper
96 100
61 145.5 100.6 151.0
98 65.8 54.0 81.0



#20
Diisopropyl ether
Concen: 19.295 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 45 Resp: 285092
Ion Ratio Lower Upper
45 100
43 54.1 46.1 69.1
87 25.9 22.3 33.5
59 11.2 8.6 13.0

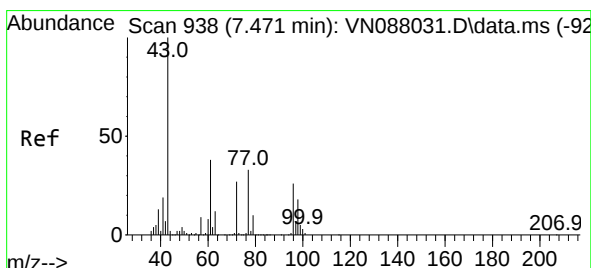
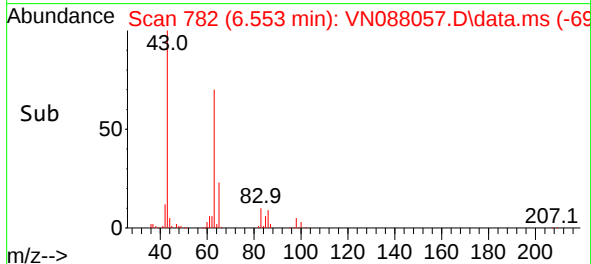
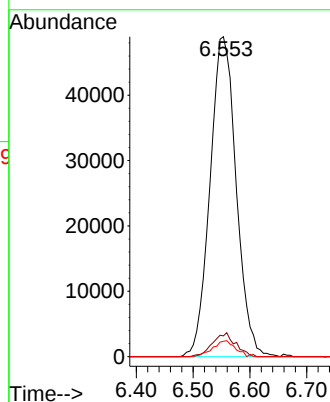
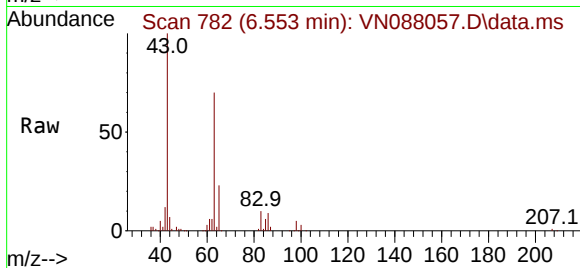




#21
1,1-Dichloroethane
Concen: 20.397 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

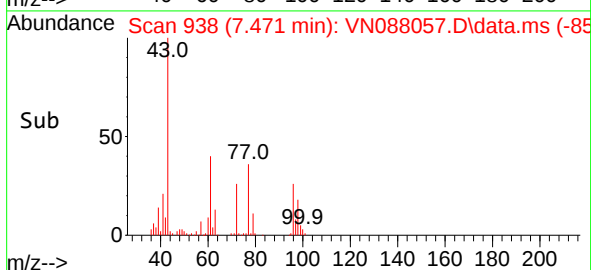
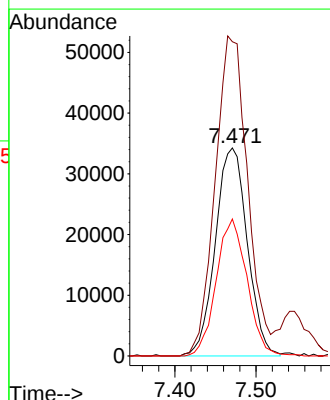
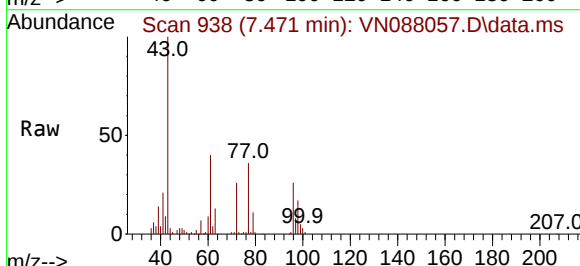
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

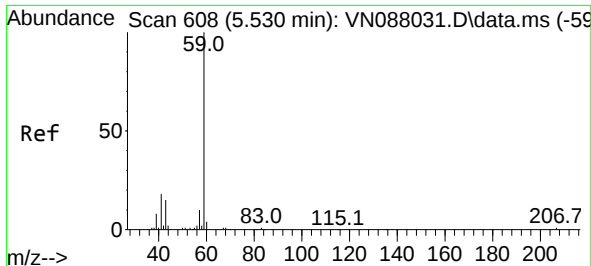
Tgt Ion: 63 Resp: 156888
Ion Ratio Lower Upper
63 100
98 6.5 4.3 12.8
100 4.8 2.6 8.0



#22
cis-1,2-Dichloroethene
Concen: 18.849 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 96 Resp: 93825
Ion Ratio Lower Upper
96 100
61 155.8 117.0 175.6
98 63.5 52.6 79.0

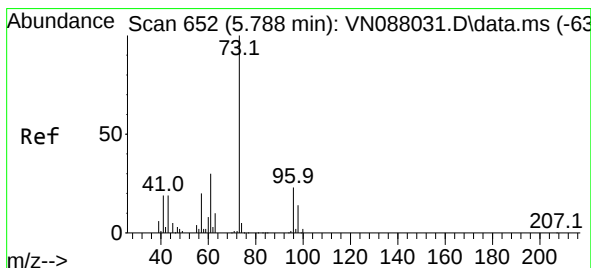
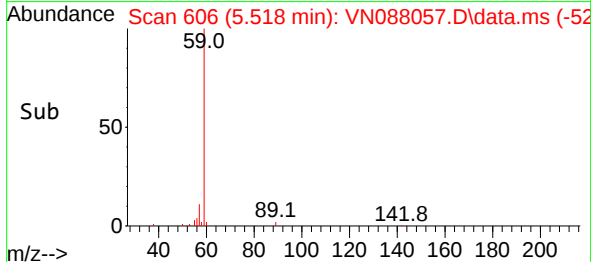
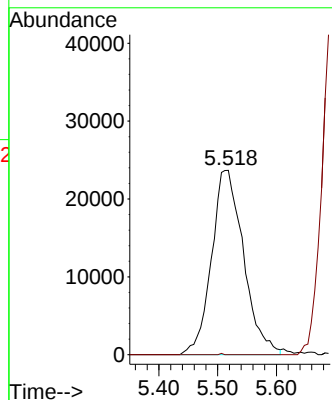
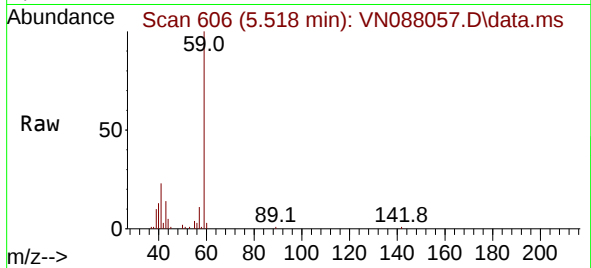




#23
tert-Butyl Alcohol
Concen: 82.791 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

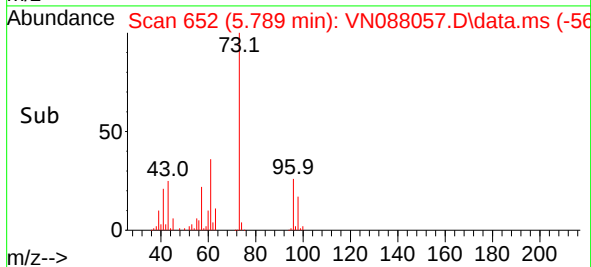
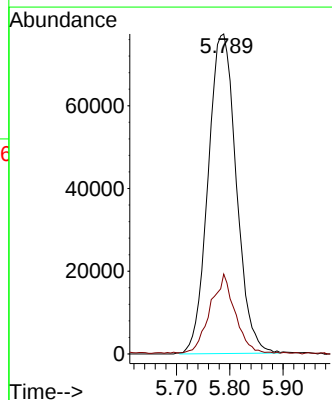
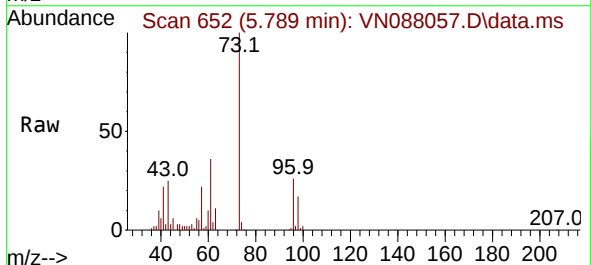
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

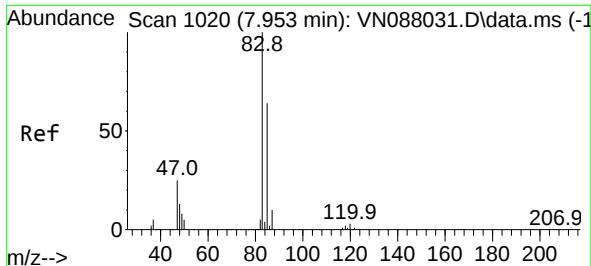
Tgt Ion: 59 Resp: 89595
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.132 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 73 Resp: 284030
Ion Ratio Lower Upper
73 100
43 21.4 17.0 25.4





#25

Chloroform

Concen: 19.624 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN088057.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

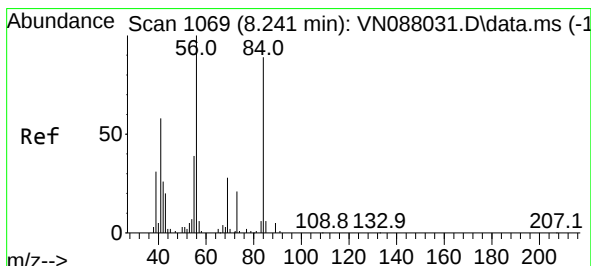
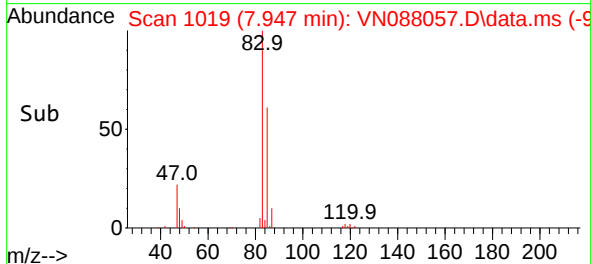
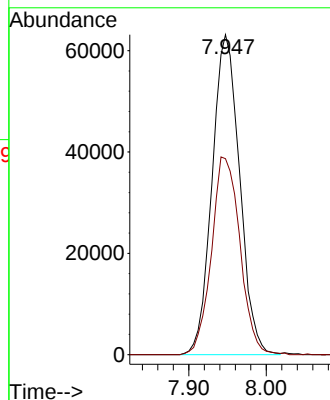
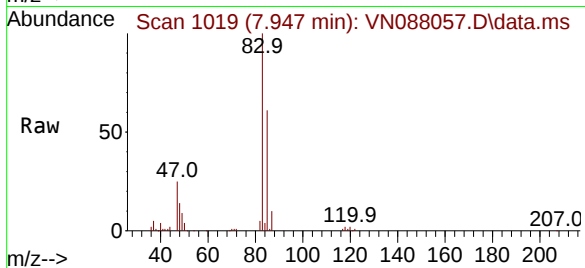
VN1017WBSD01

Tgt Ion: 83 Resp: 155760

Ion Ratio Lower Upper

83 100

85 61.2 50.9 76.3



#26

Cyclohexane

Concen: 20.257 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN088057.D

Acq: 17 Oct 2025 10:36

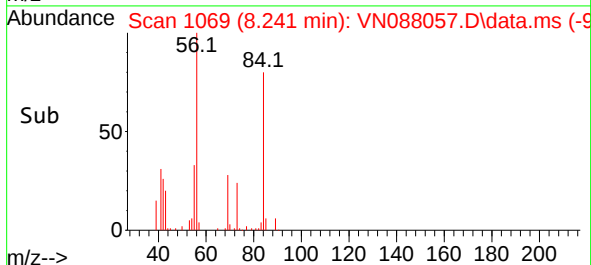
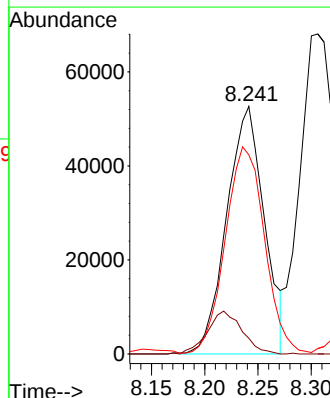
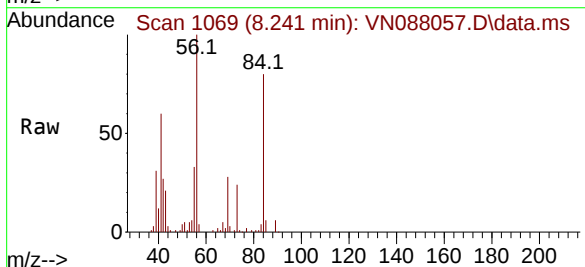
Tgt Ion: 56 Resp: 129096

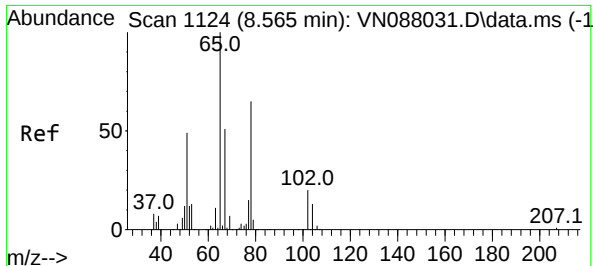
Ion Ratio Lower Upper

56 100

89 15.9 8.6 12.8#

84 87.8 69.6 104.4





#27

1,2-Dichloroethane-d4

Concen: 31.485 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN088057.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

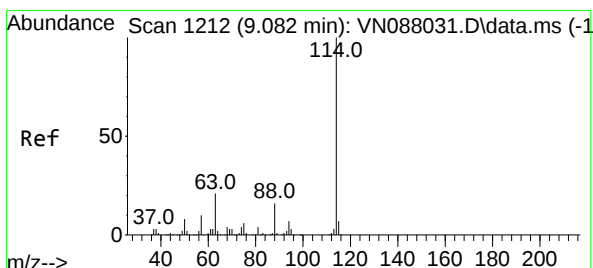
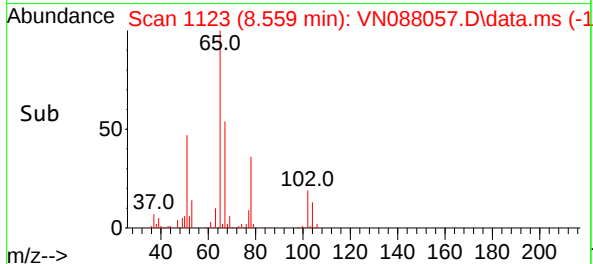
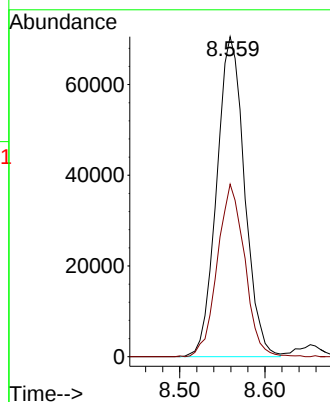
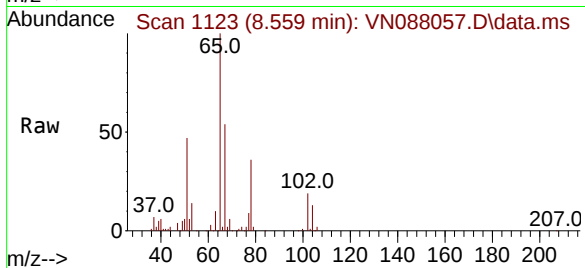
VN1017WBSD01

Tgt Ion: 65 Resp: 160373

Ion Ratio Lower Upper

65 100

67 52.9 41.9 62.9



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088057.D

Acq: 17 Oct 2025 10:36

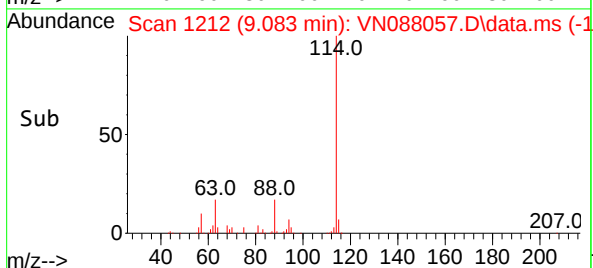
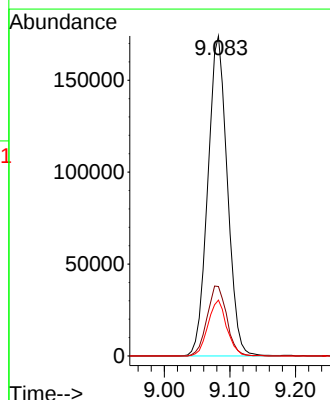
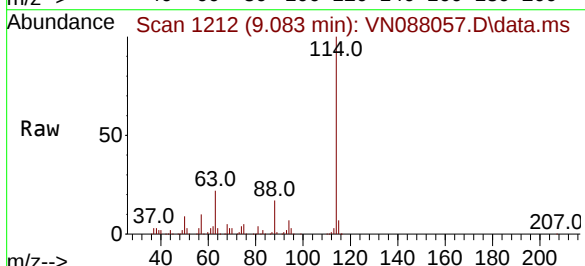
Tgt Ion: 114 Resp: 359810

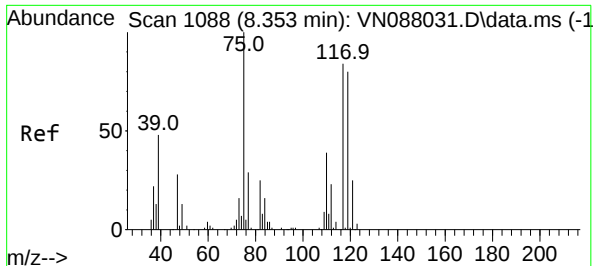
Ion Ratio Lower Upper

114 100

63 22.0 16.6 25.0

88 16.8 12.6 18.8

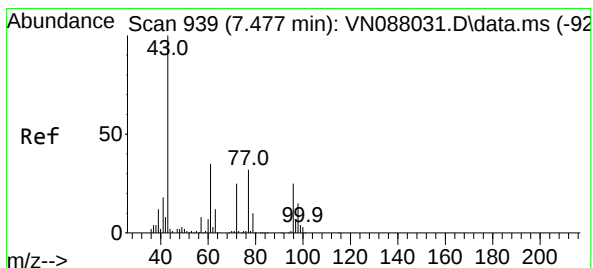
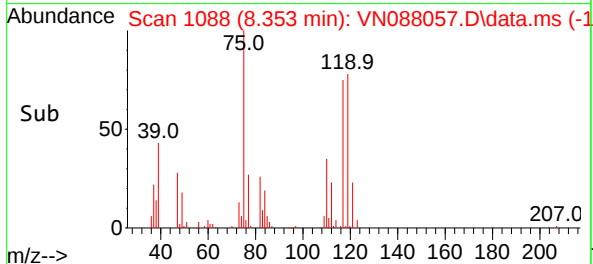
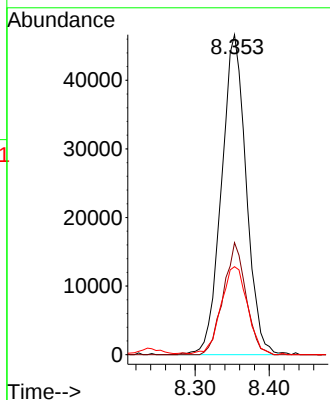
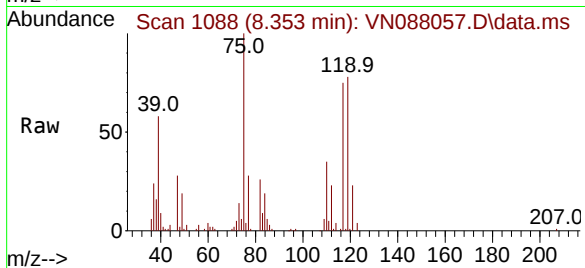




#29
1,1-Dichloropropene
Concen: 20.879 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

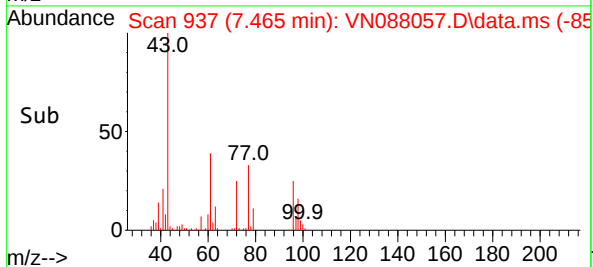
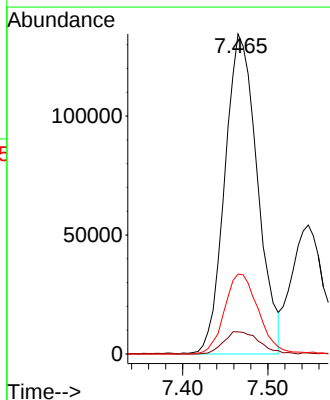
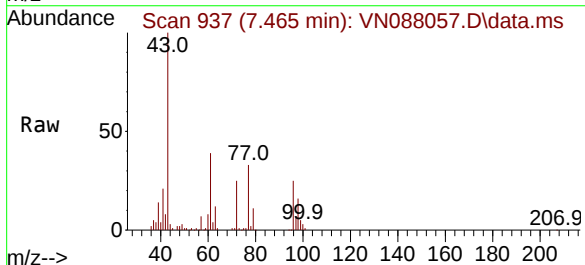
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

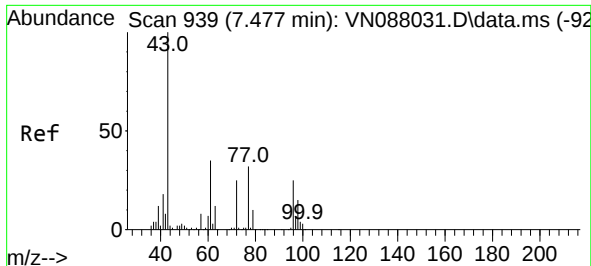
Tgt Ion: 75 Resp: 107684
Ion Ratio Lower Upper
75 100
110 32.2 0.0 72.2
77 29.1 0.0 60.6



#30
2-Butanone
Concen: 94.140 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.012 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 43 Resp: 358092
Ion Ratio Lower Upper
43 100
57 7.5 6.5 9.7
72 25.9 21.4 32.2

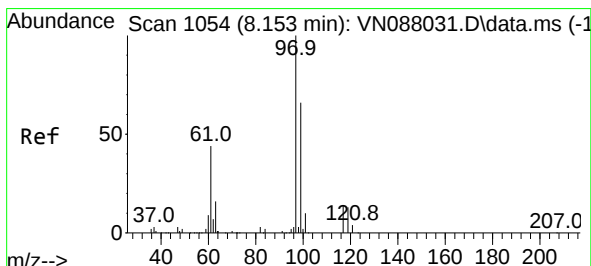
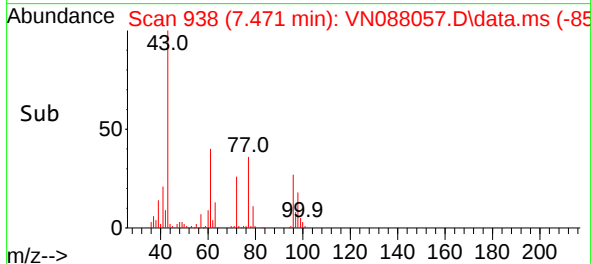
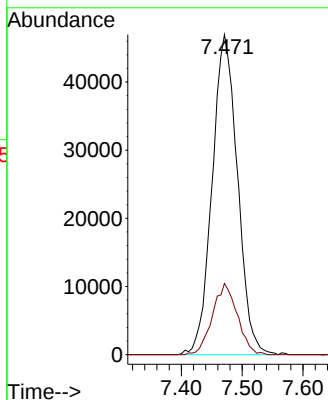
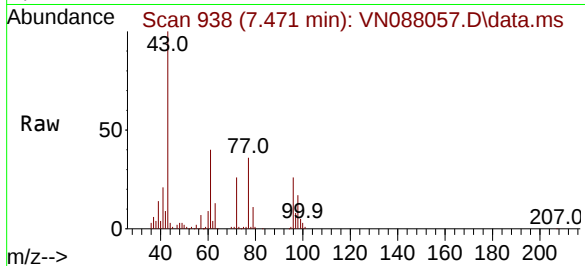




#31
2,2-Dichloropropane
Concen: 20.429 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

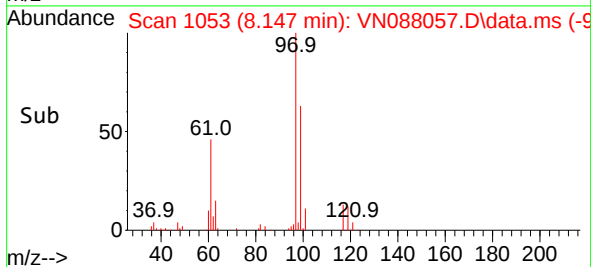
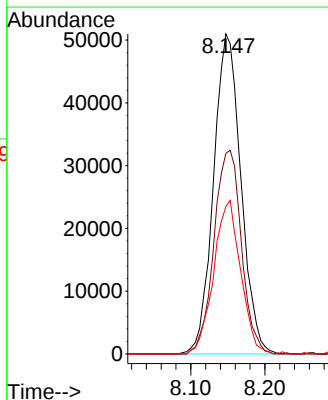
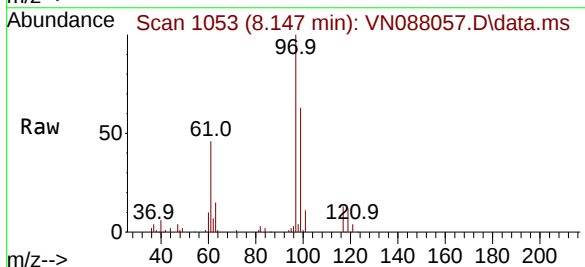
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

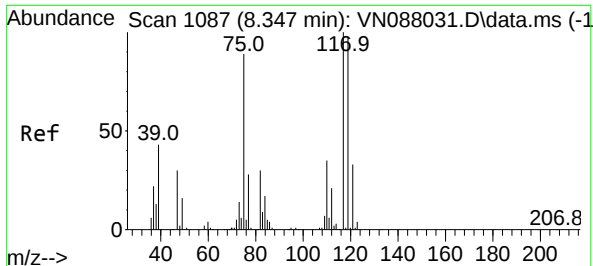
Tgt Ion: 77 Resp: 135758
Ion Ratio Lower Upper
77 100
97 21.7 17.8 26.8



#32
1,1,1-Trichloroethane
Concen: 20.309 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 97 Resp: 130885
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.2
61 47.1 34.7 52.1

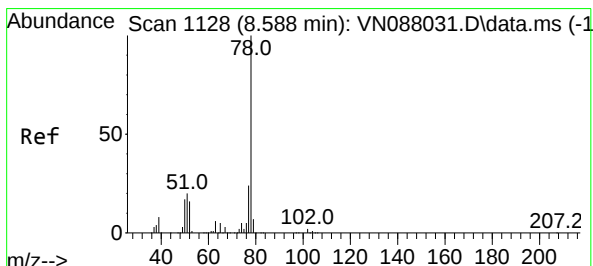
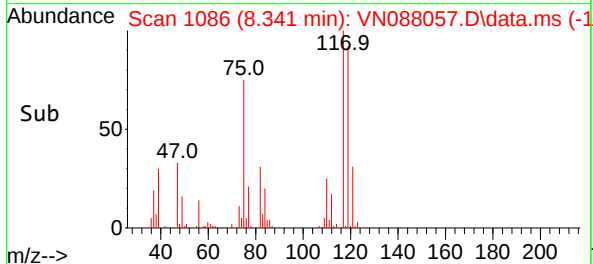
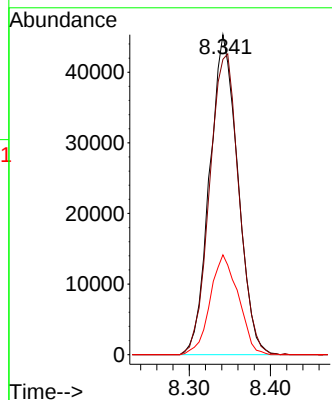
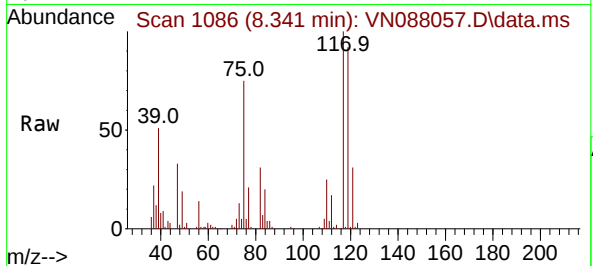




#33
Carbon Tetrachloride
Concen: 20.263 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

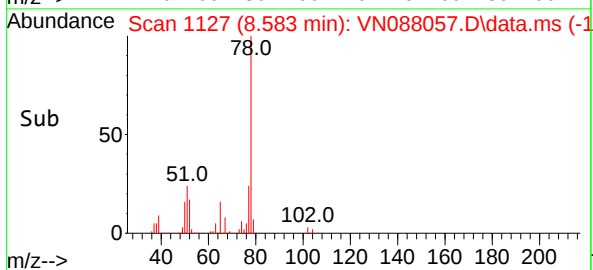
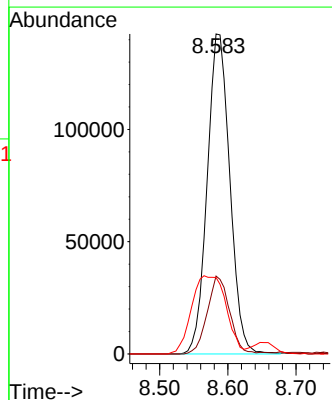
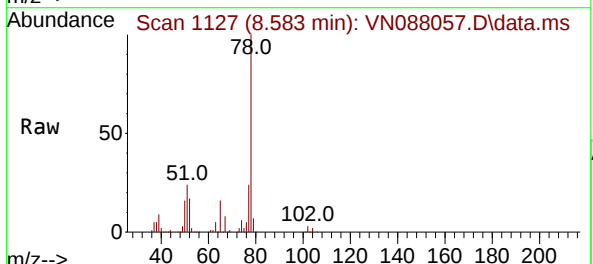
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

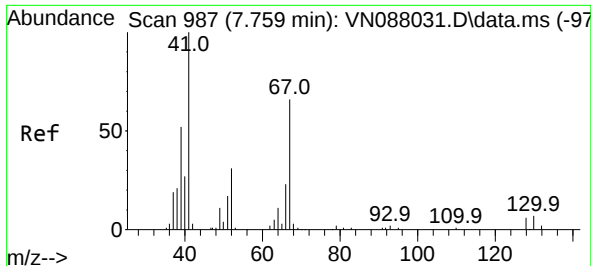
Tgt Ion:117 Resp: 109382
Ion Ratio Lower Upper
117 100
119 92.3 77.9 116.9
121 31.2 26.4 39.6



#34
Benzene
Concen: 19.259 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 78 Resp: 329461
Ion Ratio Lower Upper
78 100
77 24.4 18.9 28.3
51 23.1 15.6 23.4



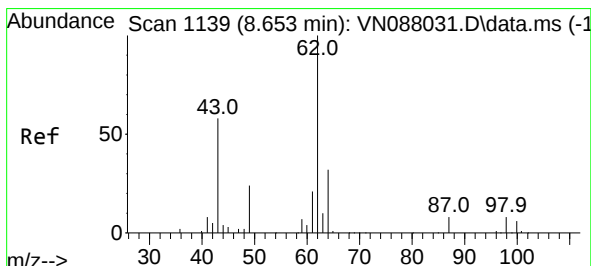
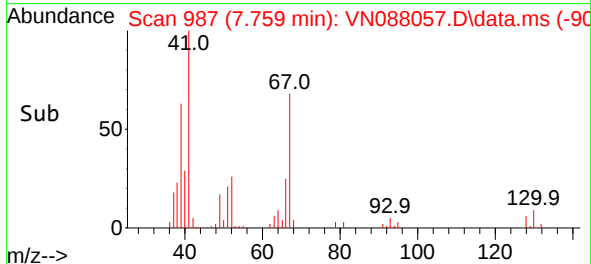
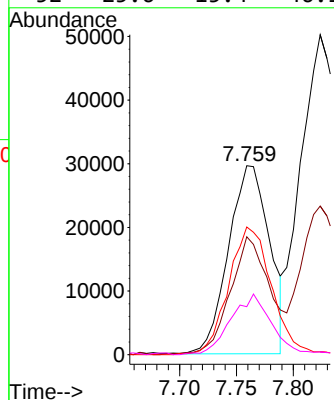
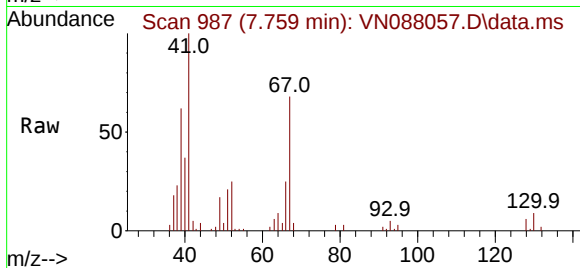


#35
Methacrylonitrile
Concen: 18.599 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

Tgt Ion: 41 Resp: 74397

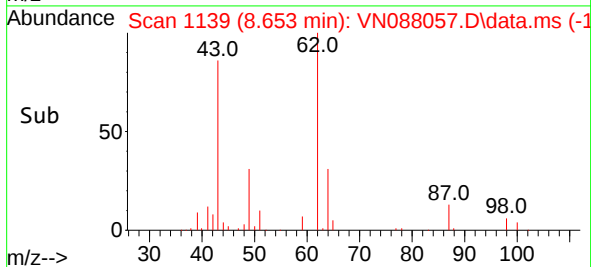
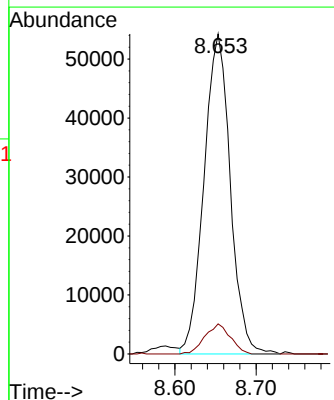
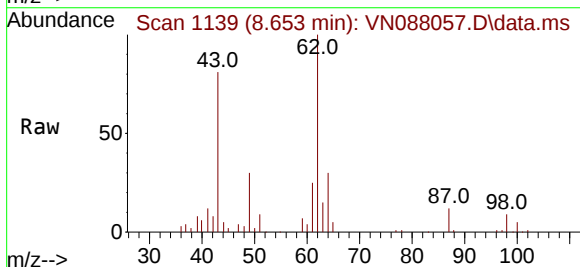
Ion	Ratio	Lower	Upper
41	100		
39	62.2	26.1	78.3
67	67.3	33.1	99.2
52	25.6	15.4	46.1

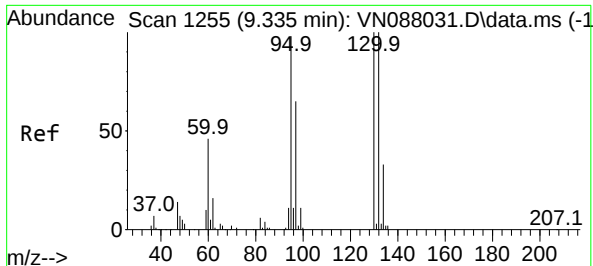


#36
1,2-Dichloroethane
Concen: 20.537 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 62 Resp: 121966

Ion	Ratio	Lower	Upper
62	100		
98	9.1	7.8	11.6





#37

Trichloroethene

Concen: 18.542 ug/l

RT: 9.330 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088057.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

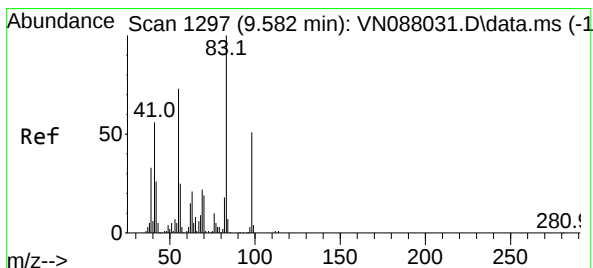
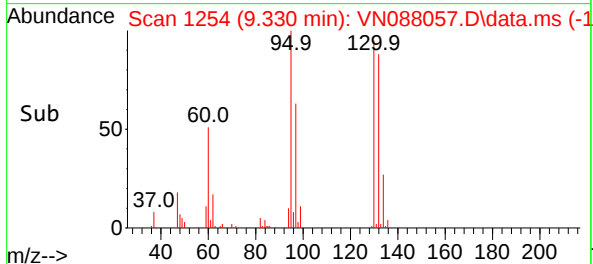
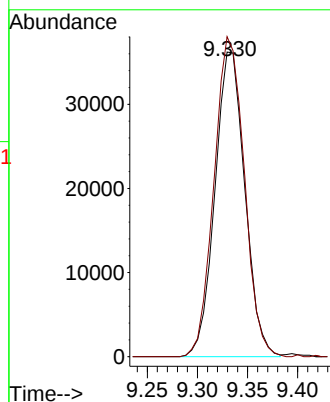
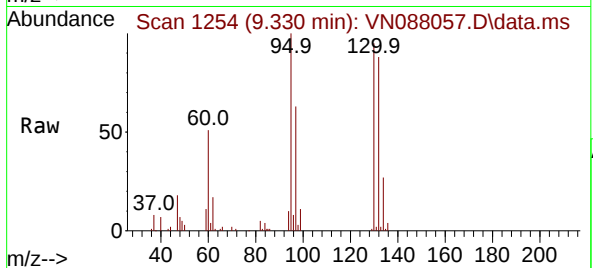
VN1017WBSD01

Tgt Ion:130 Resp: 75152

Ion Ratio Lower Upper

130 100

95 105.0 78.7 118.1



#38

Methylcyclohexane

Concen: 20.667 ug/l

RT: 9.577 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN088057.D

Acq: 17 Oct 2025 10:36

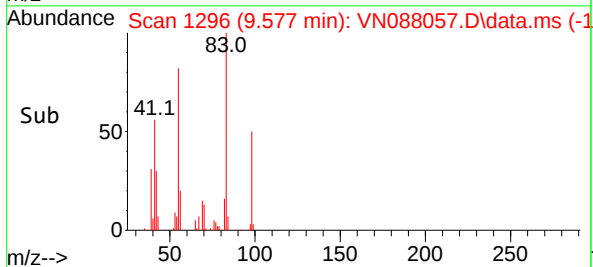
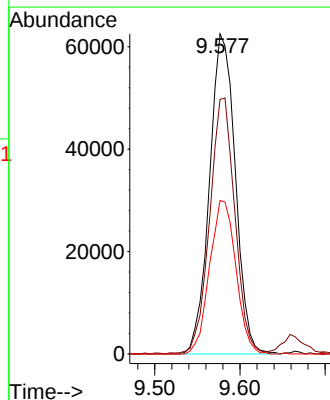
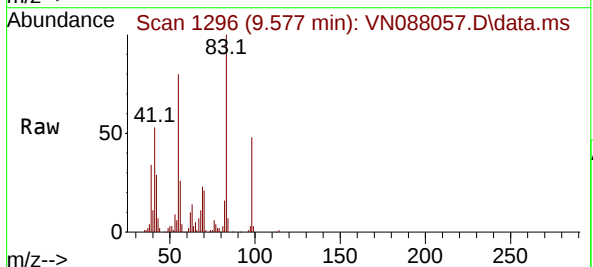
Tgt Ion: 83 Resp: 131631

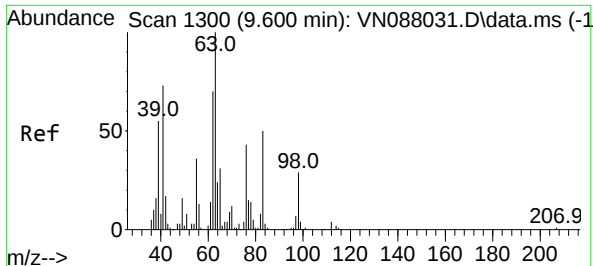
Ion Ratio Lower Upper

83 100

55 78.1 37.3 111.9

98 48.8 25.4 76.0





#39

1,2-Dichloropropane

Concen: 19.986 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088057.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

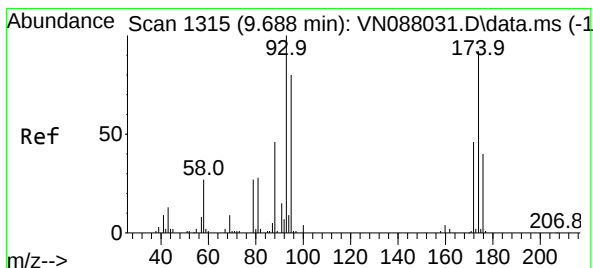
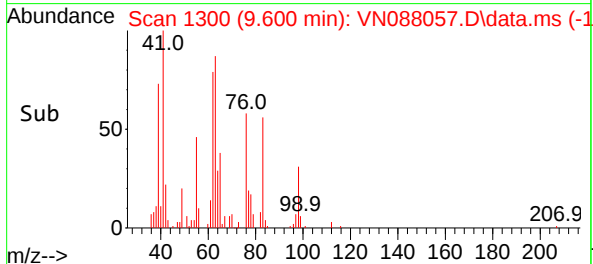
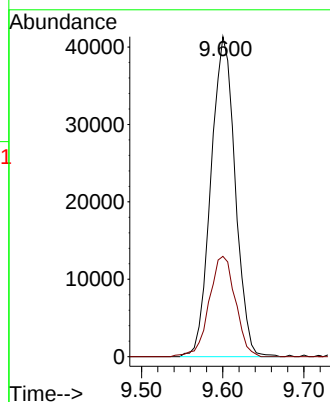
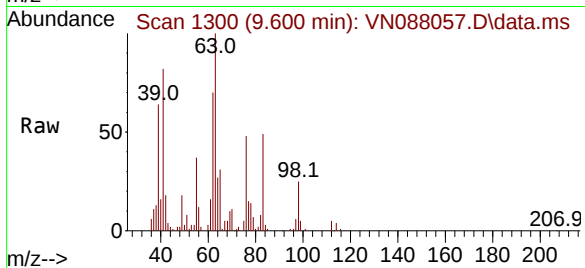
VN1017WBSD01

Tgt Ion: 63 Resp: 85728

Ion Ratio Lower Upper

63 100

65 31.3 25.0 37.6



#40

Dibromomethane

Concen: 19.878 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088057.D

Acq: 17 Oct 2025 10:36

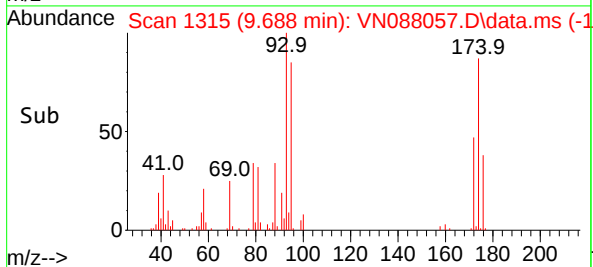
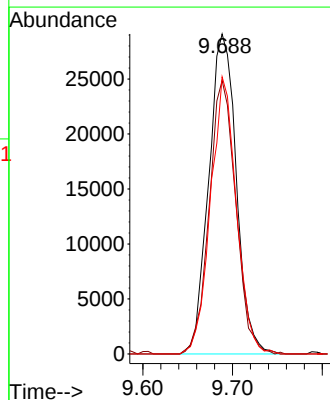
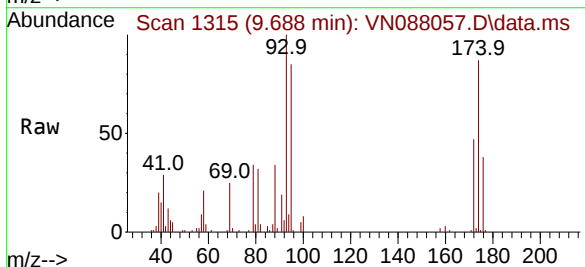
Tgt Ion: 93 Resp: 62068

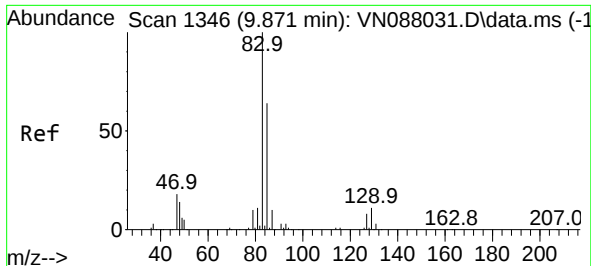
Ion Ratio Lower Upper

93 100

95 82.4 0.0 158.6

174 81.1 0.0 180.8

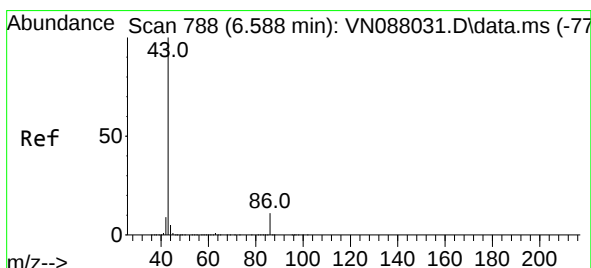
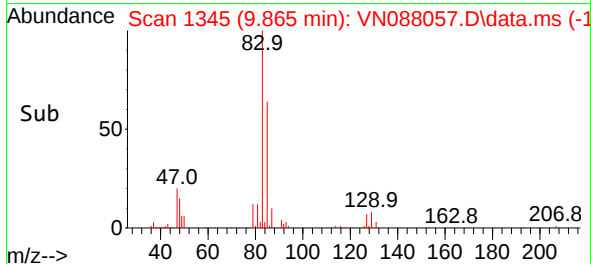
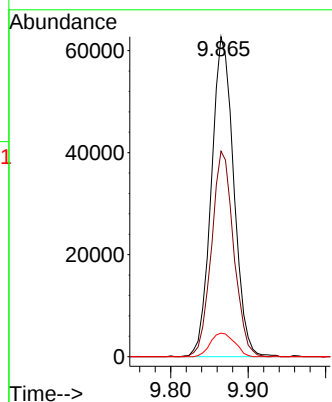
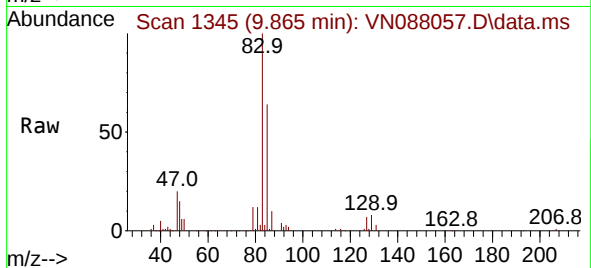




#41
Bromodichloromethane
Concen: 19.733 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

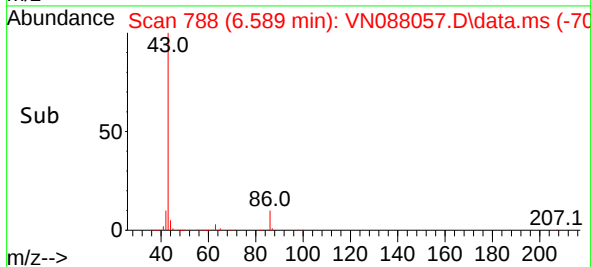
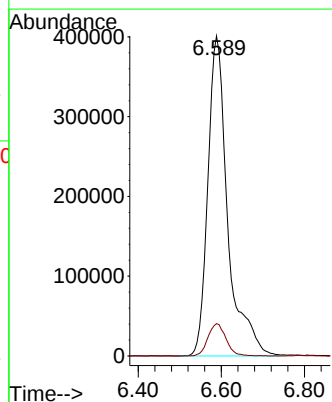
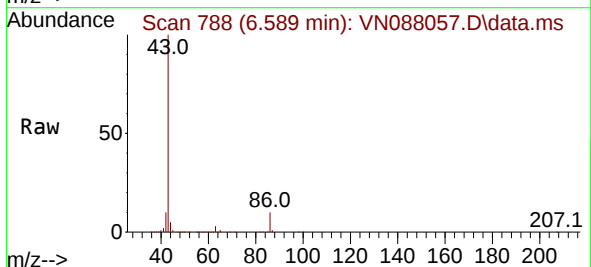
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

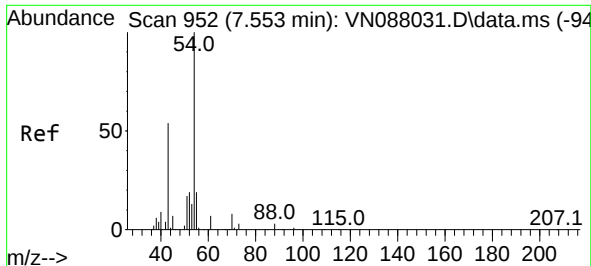
Tgt Ion: 83 Resp: 125840
Ion Ratio Lower Upper
83 100
85 64.2 51.0 76.4
127 7.4 6.1 9.1



#42
Vinyl Acetate
Concen: 102.902 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 43 Resp: 1333455
Ion Ratio Lower Upper
43 100
86 9.1 8.4 12.6

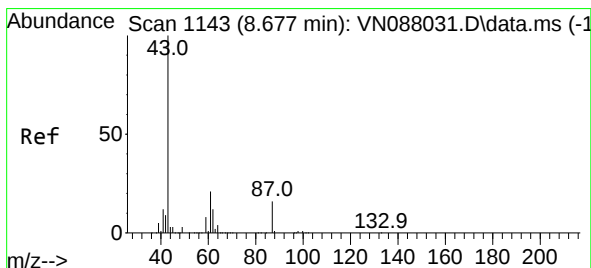
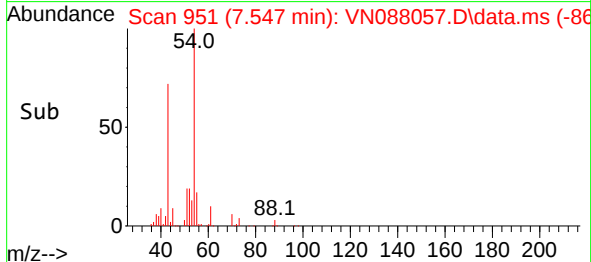
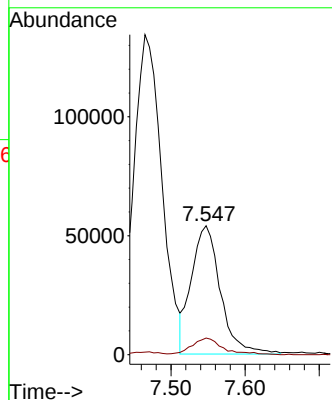
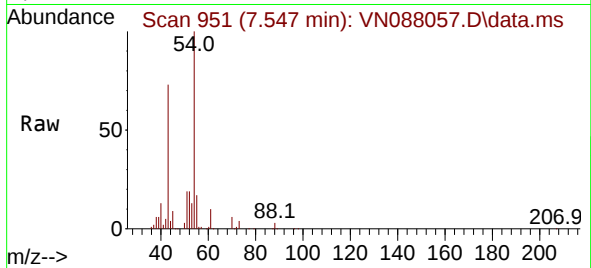




#43
Ethyl Acetate
Concen: 20.123 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

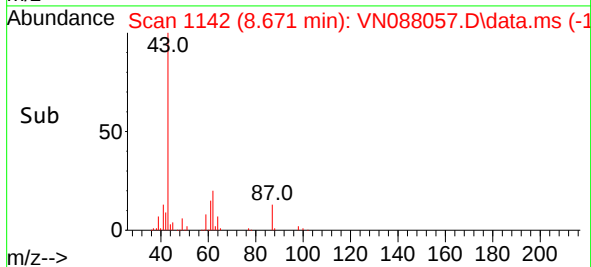
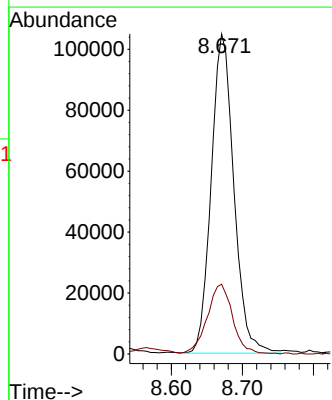
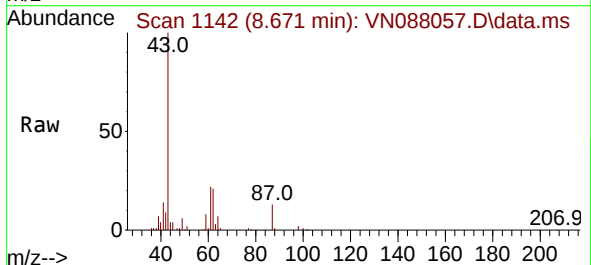
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

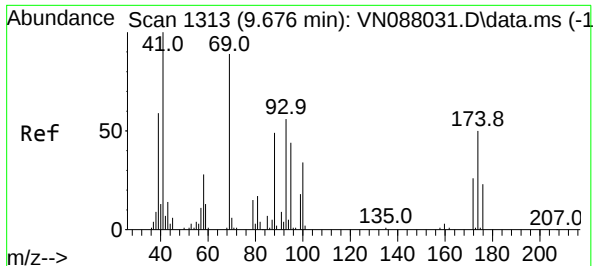
Tgt Ion: 43 Resp: 147140
Ion Ratio Lower Upper
43 100
45 11.2 10.2 15.4



#44
Isopropyl Acetate
Concen: 19.410 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 43 Resp: 231811
Ion Ratio Lower Upper
43 100
61 24.6 18.7 28.1





#45

1,4-Dioxane

Concen: 339.104 ug/l

RT: 9.677 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088057.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBSD01

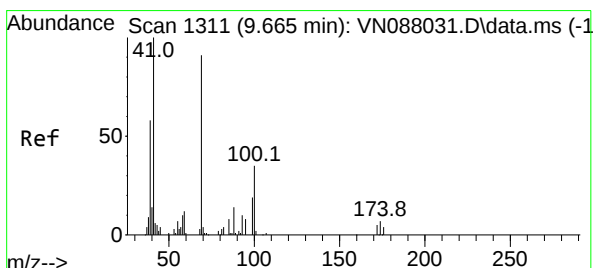
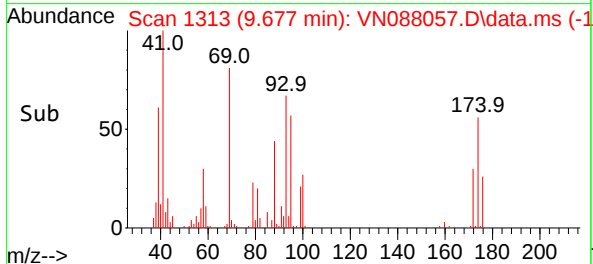
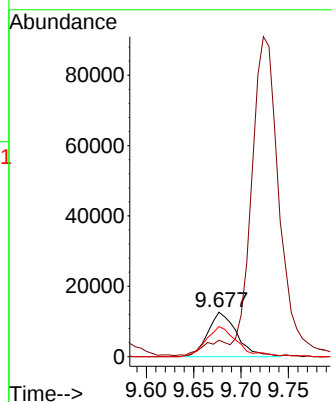
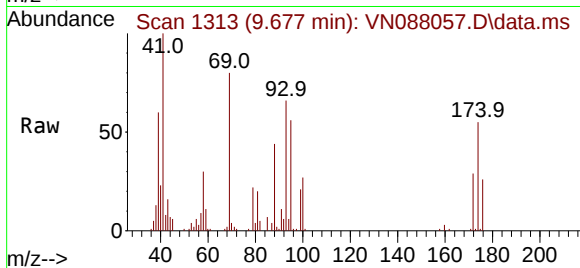
Tgt Ion: 88 Resp: 26935

Ion Ratio Lower Upper

88 100

43 28.4 18.6 27.8#

58 67.7 57.4 86.2



#46

Methyl methacrylate

Concen: 19.476 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VN088057.D

Acq: 17 Oct 2025 10:36

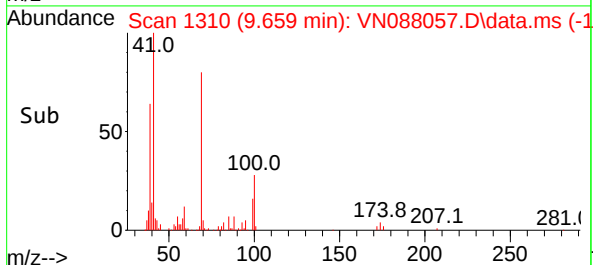
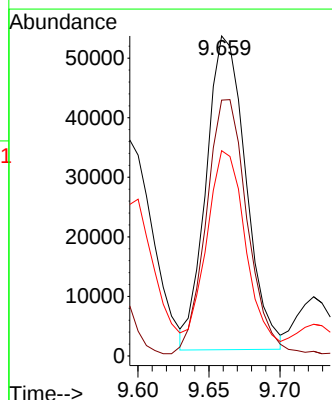
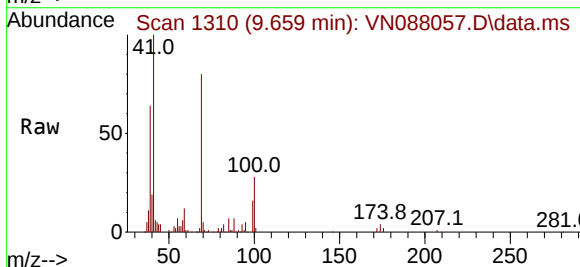
Tgt Ion: 41 Resp: 102432

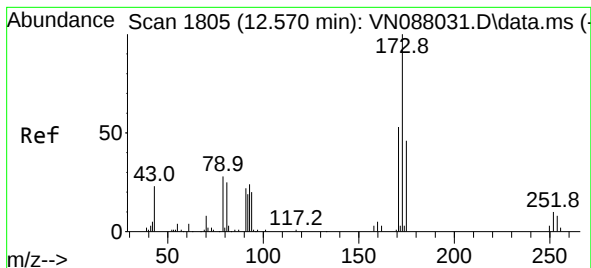
Ion Ratio Lower Upper

41 100

69 82.4 44.9 134.7

39 63.7 30.3 90.8





#47

n-amy1 Acetate

Concen: 0.562 ug/l

RT: 12.565 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088057.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

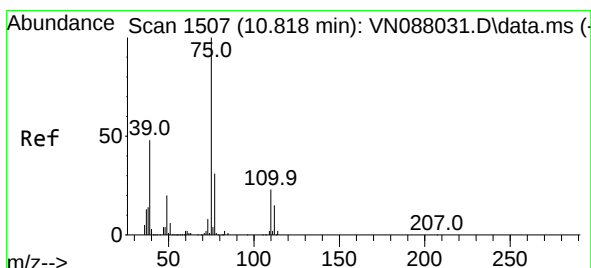
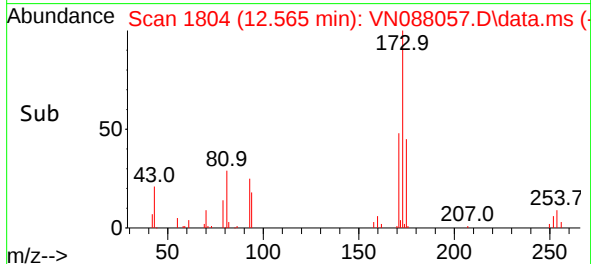
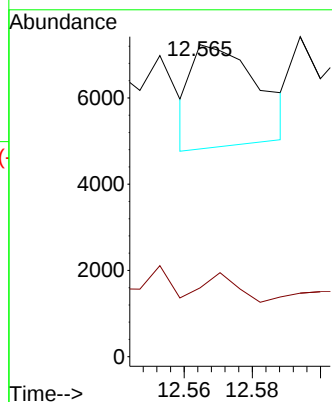
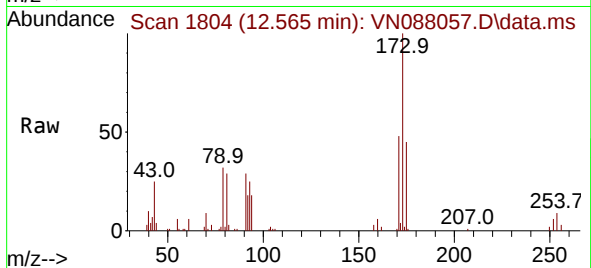
VN1017WBSD01

Tgt Ion: 43 Resp: 3182

Ion Ratio Lower Upper

43 100

55 18.4 0.6 0.8#



#48

t-1,3-Dichloropropene

Concen: 19.170 ug/l

RT: 10.818 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VN088057.D

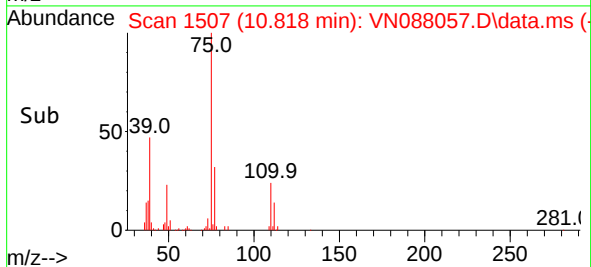
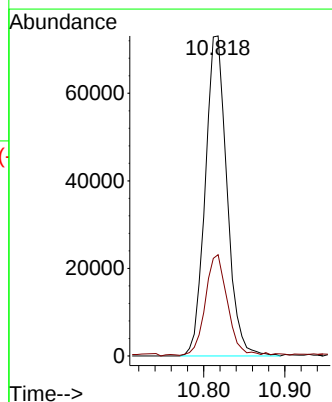
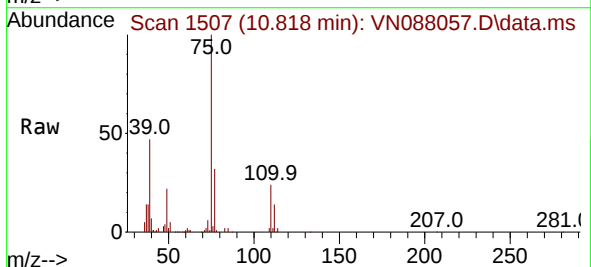
Acq: 17 Oct 2025 10:36

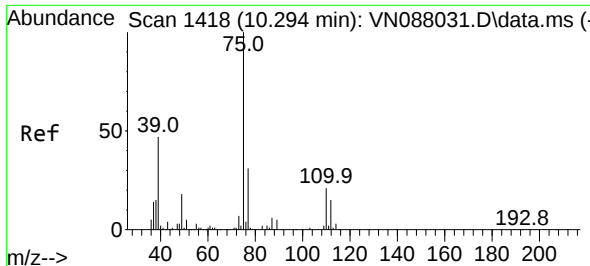
Tgt Ion: 75 Resp: 135939

Ion Ratio Lower Upper

75 100

77 31.4 24.5 36.7

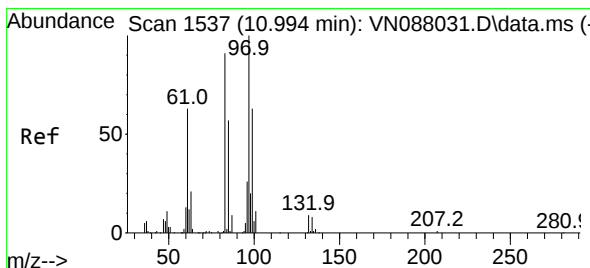
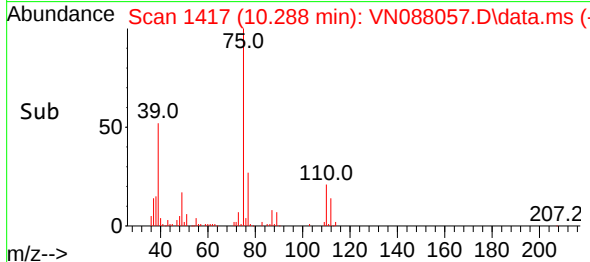
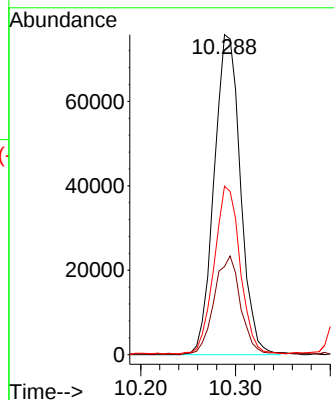
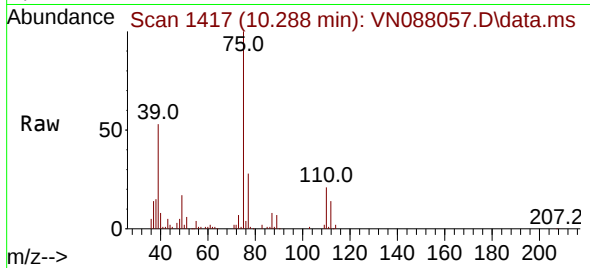




#49
 cis-1,3-Dichloropropene
 Concen: 19.769 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.006 min
 Lab File: VN088057.D
 Acq: 17 Oct 2025 10:36

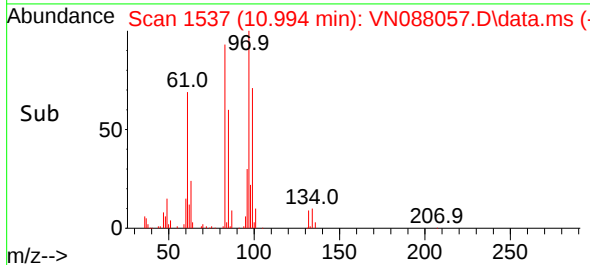
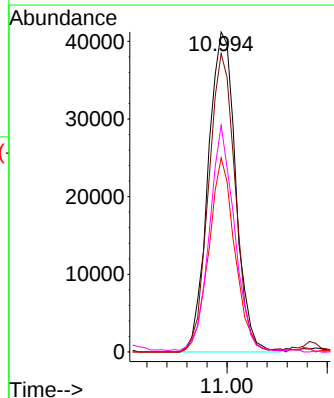
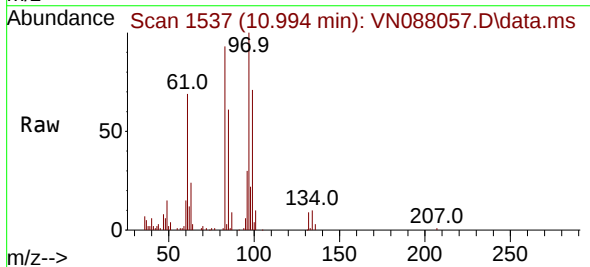
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBSD01

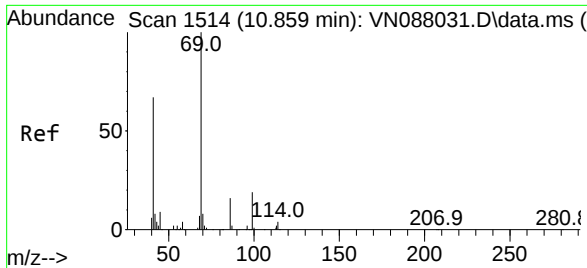
Tgt Ion: 75 Resp: 146225
 Ion Ratio Lower Upper
 75 100
 77 27.5 25.0 37.4
 39 52.3 37.4 56.0



#50
 1,1,2-Trichloroethane
 Concen: 18.979 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN088057.D
 Acq: 17 Oct 2025 10:36

Tgt Ion: 97 Resp: 78475
 Ion Ratio Lower Upper
 97 100
 83 93.2 72.5 108.7
 85 60.6 45.5 68.3
 99 70.4 50.0 75.0

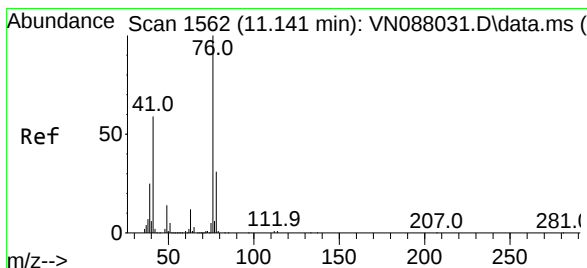
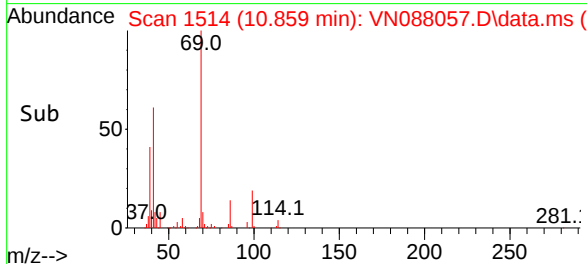
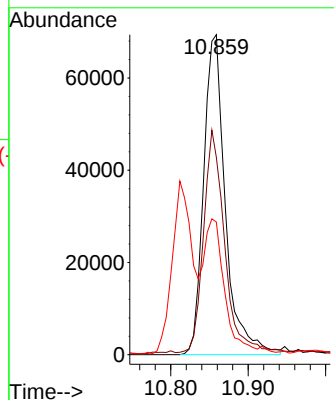
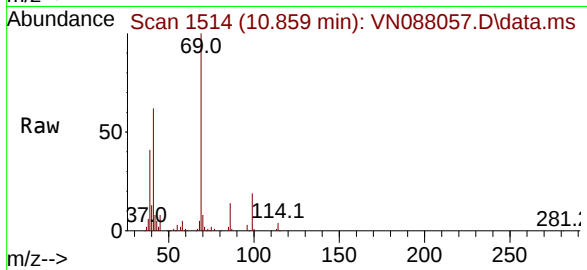




#51
Ethyl methacrylate
Concen: 19.369 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

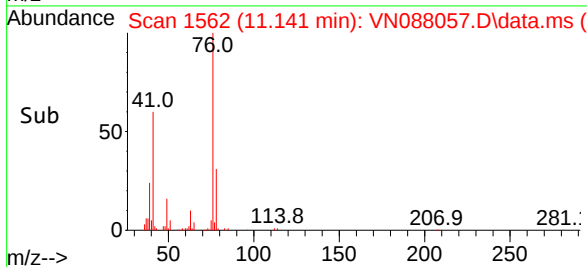
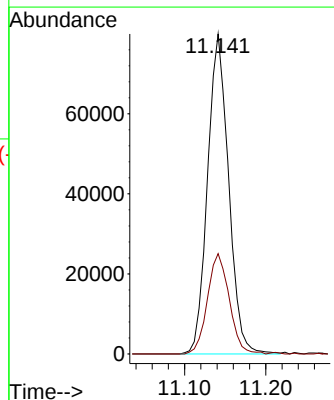
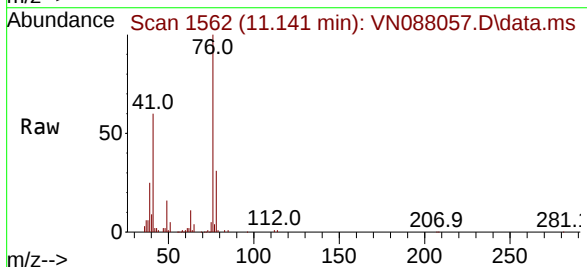
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

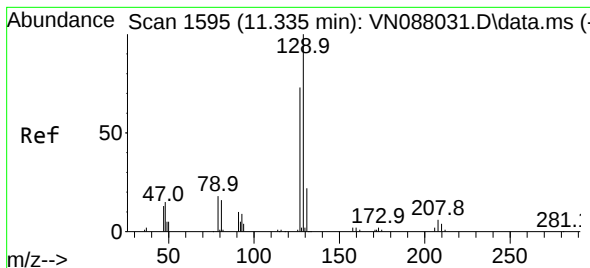
Tgt Ion: 69 Resp: 135539
Ion Ratio Lower Upper
69 100
41 60.9 33.3 99.8
39 40.5 20.3 61.0



#52
1,3-Dichloropropane
Concen: 19.961 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 76 Resp: 144001
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.0





#53

Dibromochloromethane

Concen: 18.798 ug/l

RT: 11.335 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VN088057.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

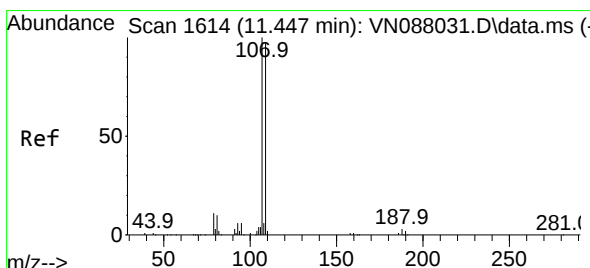
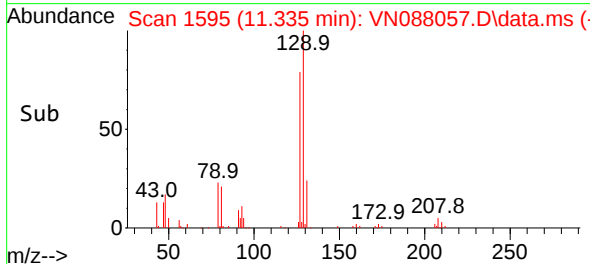
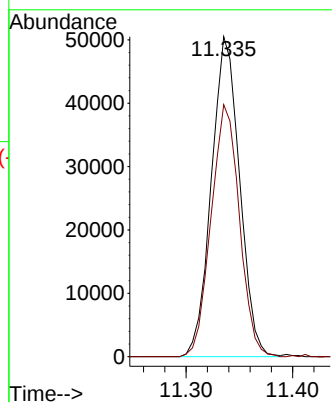
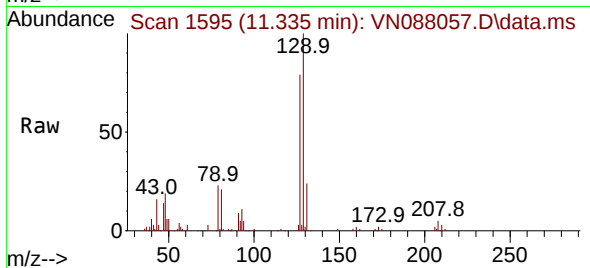
VN1017WBSD01

Tgt Ion:129 Resp: 92926

Ion Ratio Lower Upper

129 100

127 78.9 39.1 117.3



#54

1,2-Dibromoethane

Concen: 18.300 ug/l

RT: 11.447 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VN088057.D

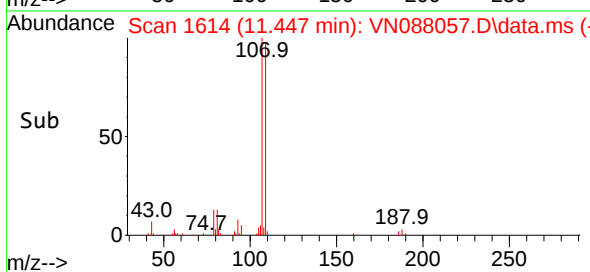
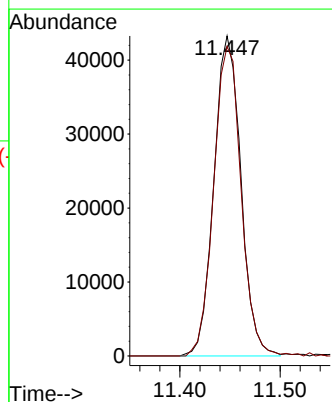
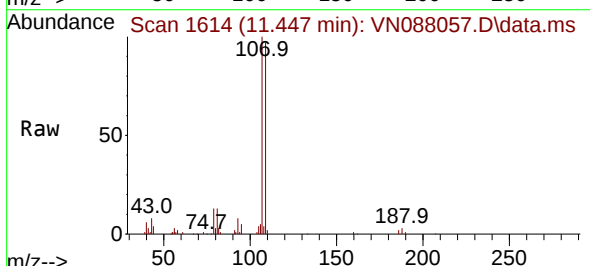
Acq: 17 Oct 2025 10:36

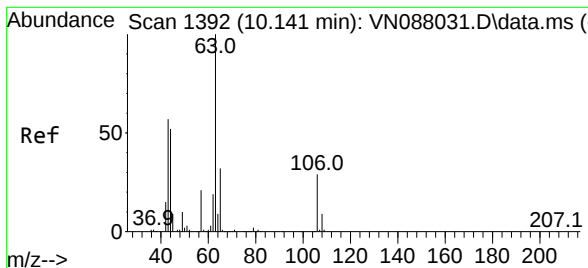
Tgt Ion:107 Resp: 80897

Ion Ratio Lower Upper

107 100

109 98.4 75.5 113.3

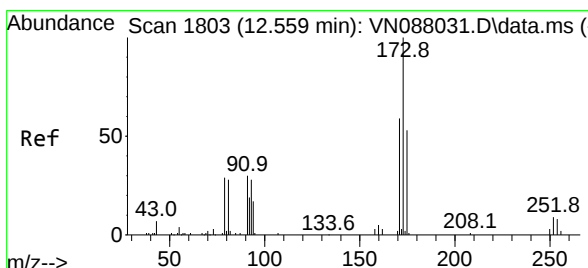
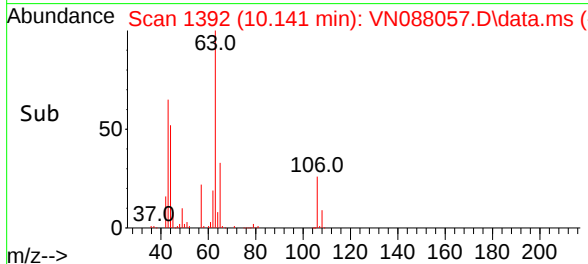
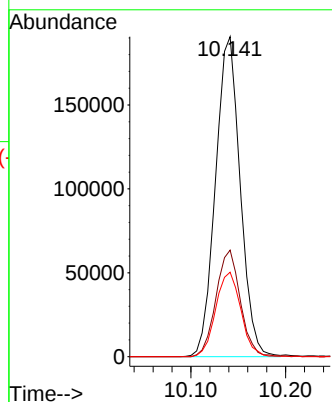
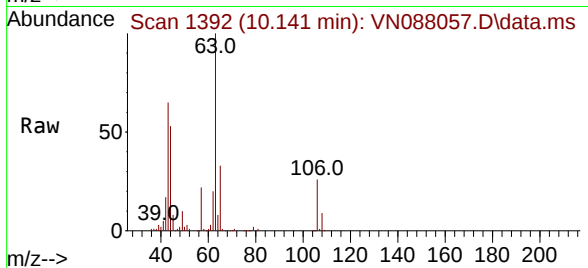




#55
2-Chloroethyl vinyl ether
Concen: 91.489 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

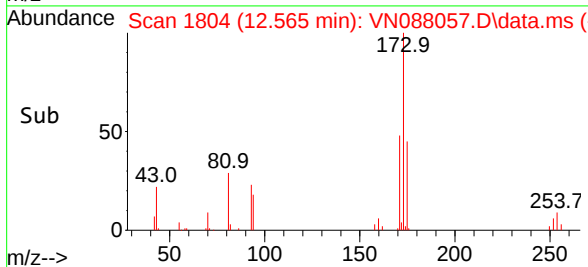
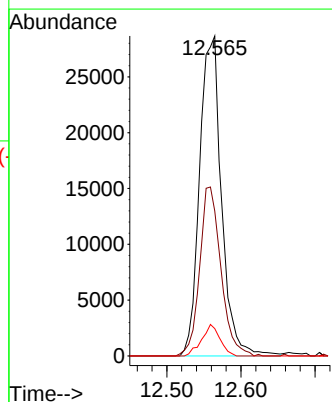
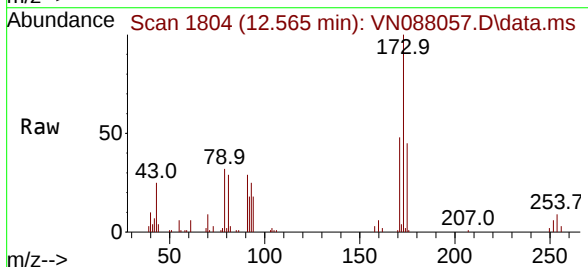
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

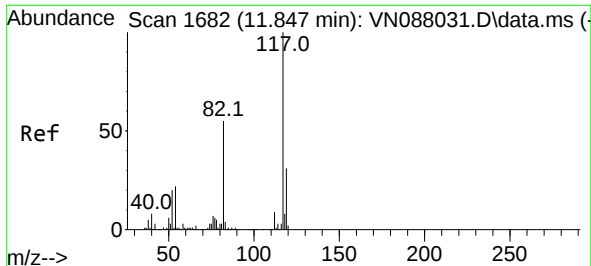
Tgt Ion: 63 Resp: 345576
Ion Ratio Lower Upper
63 100
65 32.8 25.7 38.5
106 26.8 22.6 34.0



#56
Bromoform
Concen: 17.630 ug/l
RT: 12.565 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 173 Resp: 58921
Ion Ratio Lower Upper
173 100
175 51.0 39.6 59.4
254 8.2 6.6 10.0

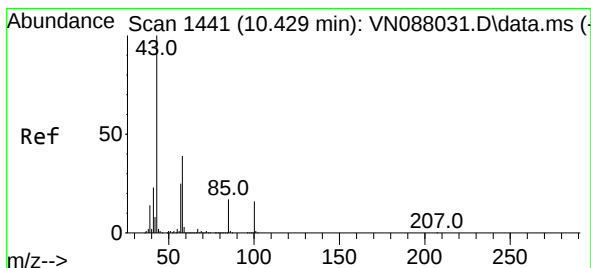
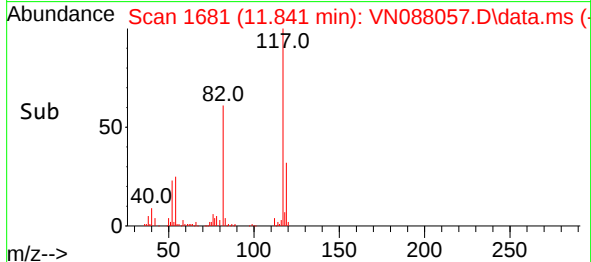
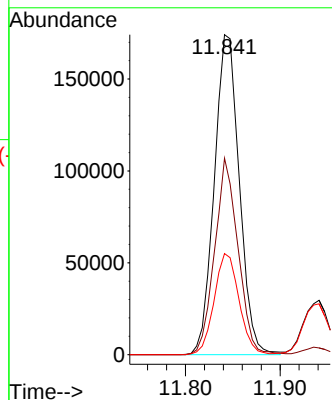
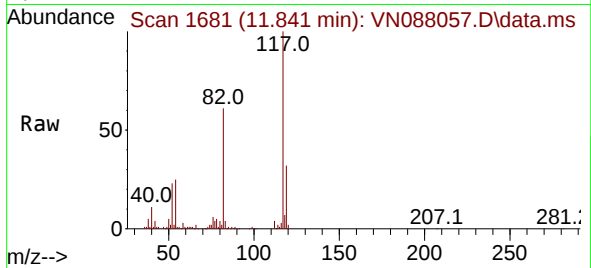




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

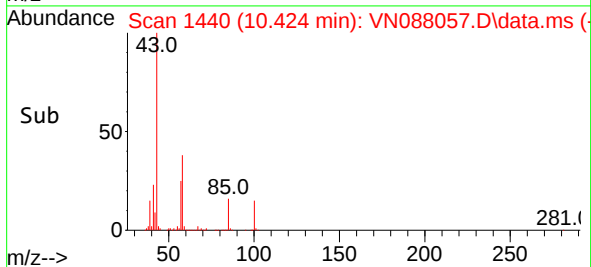
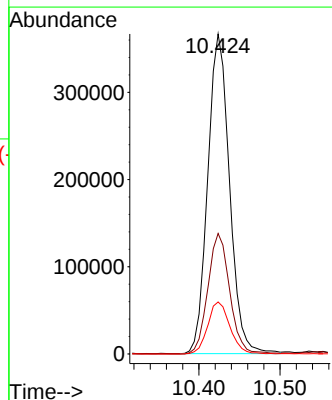
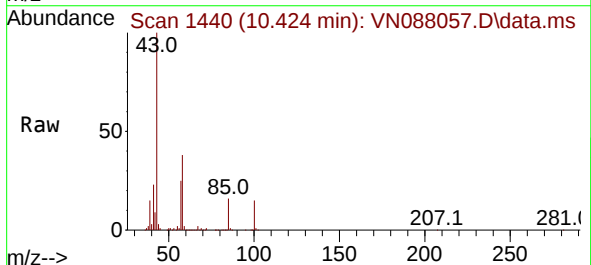
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

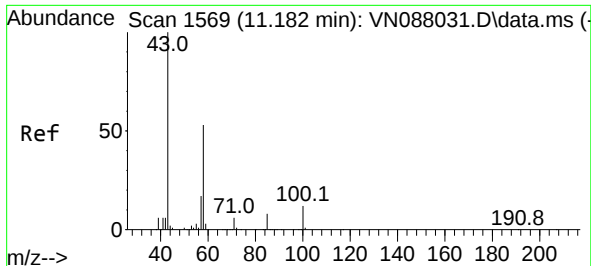
Tgt Ion:117 Resp: 319803
Ion Ratio Lower Upper
117 100
82 57.4 45.2 67.8
119 31.4 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 95.657 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 43 Resp: 684259
Ion Ratio Lower Upper
43 100
58 37.7 31.2 46.8
85 16.6 13.7 20.5

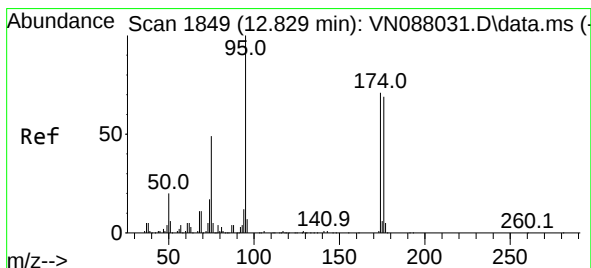
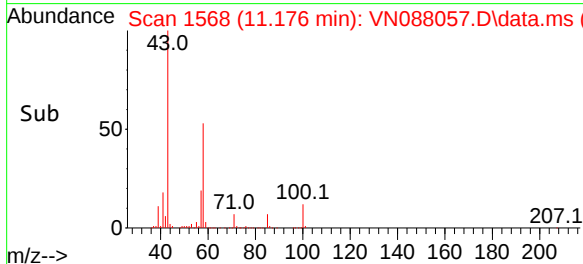
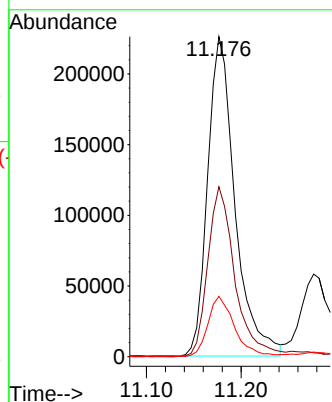
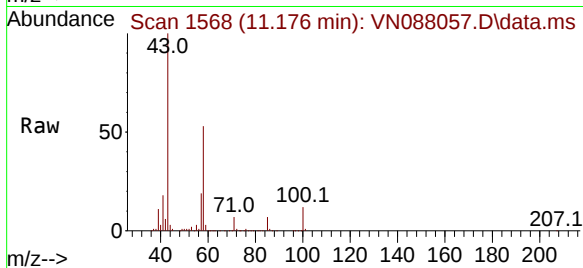




#59
2-Hexanone
Concen: 95.992 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

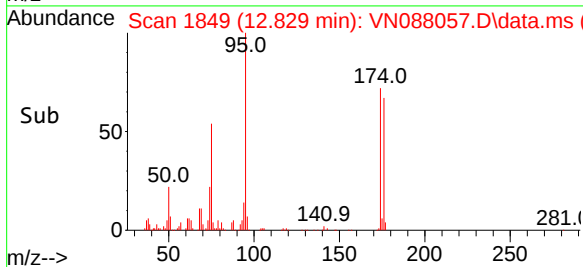
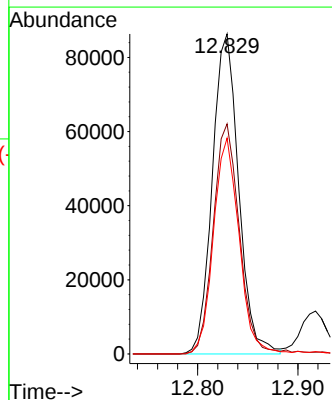
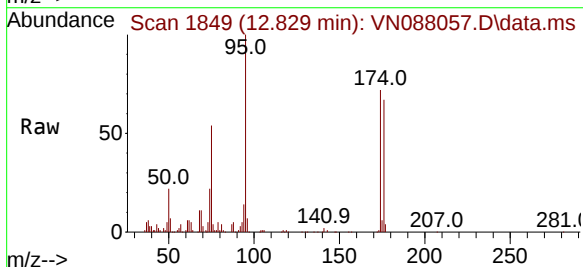
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

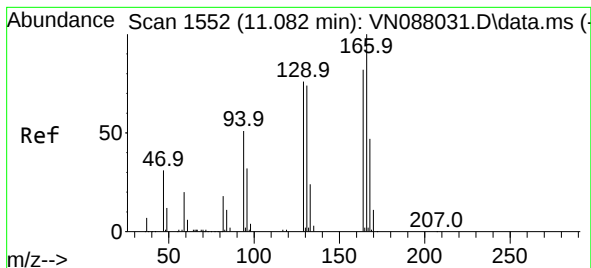
Tgt Ion: 43 Resp: 453352
Ion Ratio Lower Upper
43 100
58 52.7 43.1 64.7
57 18.4 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 29.899 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 95 Resp: 157631
Ion Ratio Lower Upper
95 100
174 70.9 57.4 86.0
176 65.6 57.0 85.4





#61

Tetrachloroethene

Concen: 19.100 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. 0.000 min

Lab File: VN088057.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBSD01

Tgt Ion:164 Resp: 61856

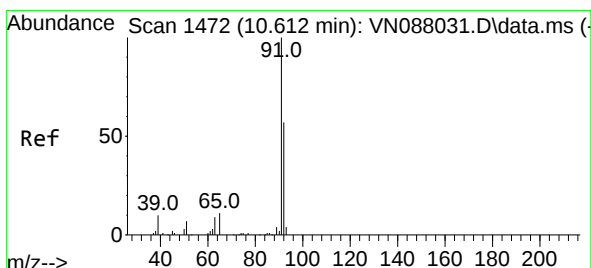
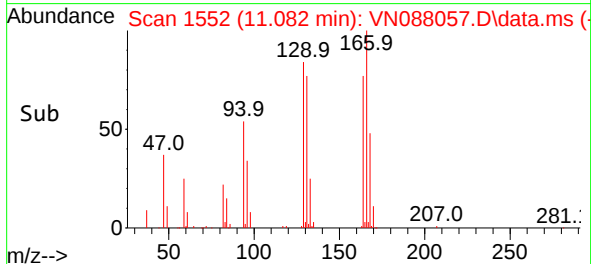
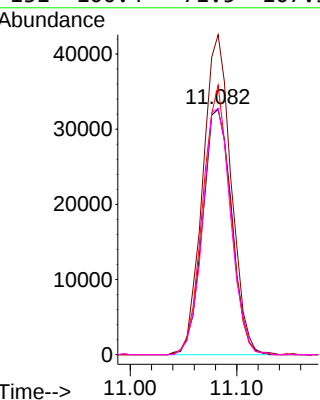
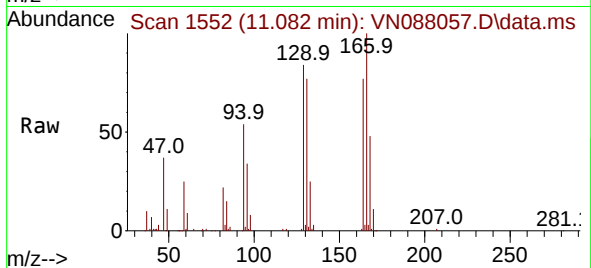
Ion Ratio Lower Upper

164 100

166 130.4 97.2 145.8

129 109.8 73.7 110.5

131 100.4 71.5 107.3



#62

Toluene

Concen: 19.547 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VN088057.D

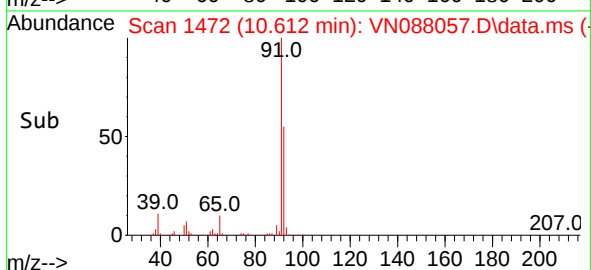
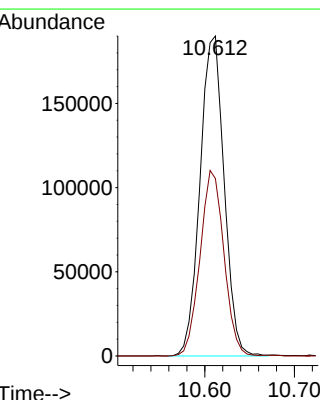
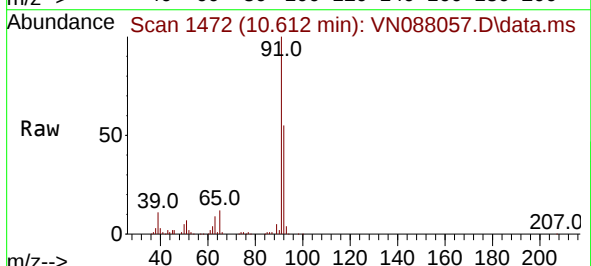
Acq: 17 Oct 2025 10:36

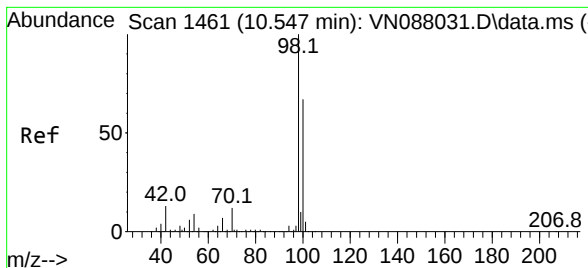
Tgt Ion: 91 Resp: 354587

Ion Ratio Lower Upper

91 100

92 57.4 45.8 68.8





#63

Toluene-d8

Concen: 30.559 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN088057.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

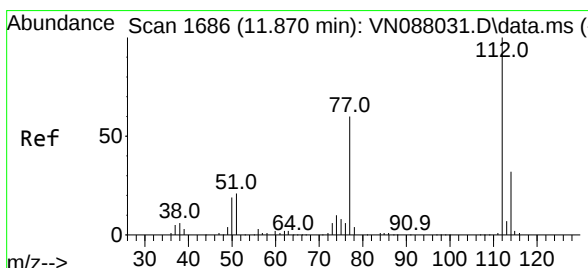
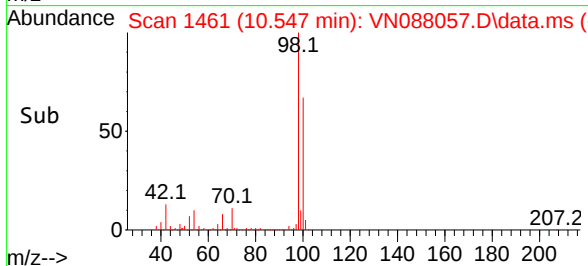
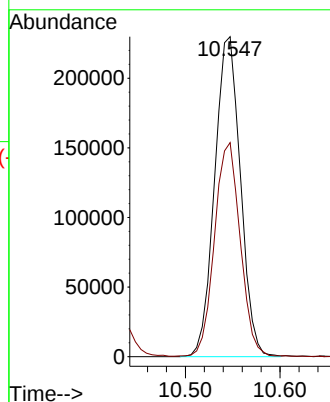
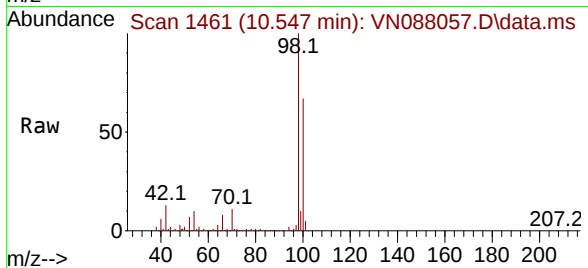
VN1017WBSD01

Tgt Ion: 98 Resp: 435417

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



#64

Chlorobenzene

Concen: 19.411 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN088057.D

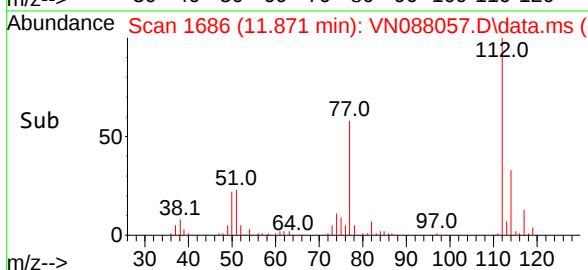
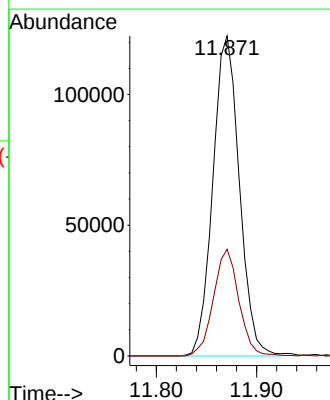
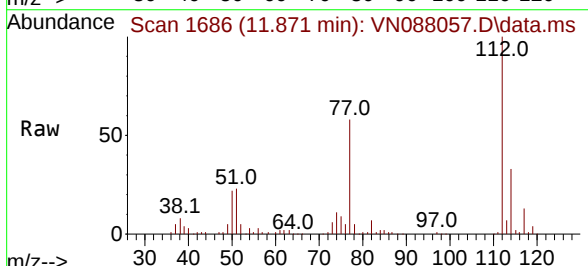
Acq: 17 Oct 2025 10:36

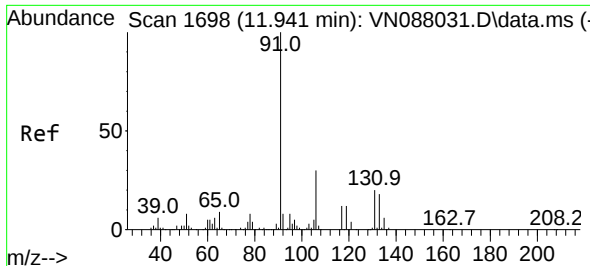
Tgt Ion: 112 Resp: 224911

Ion Ratio Lower Upper

112 100

114 33.4 25.7 38.5

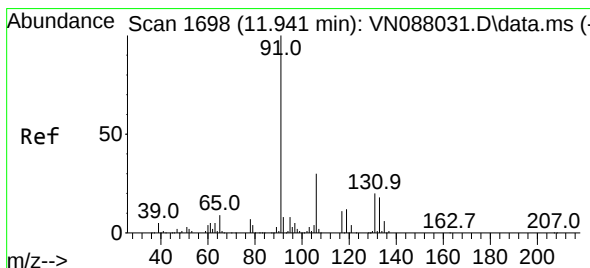
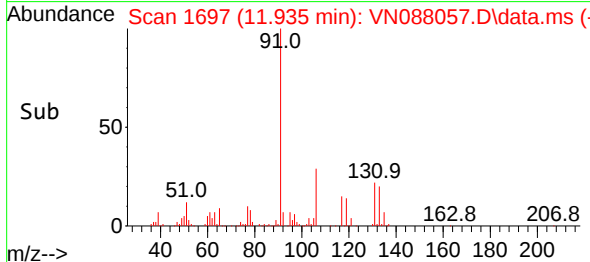
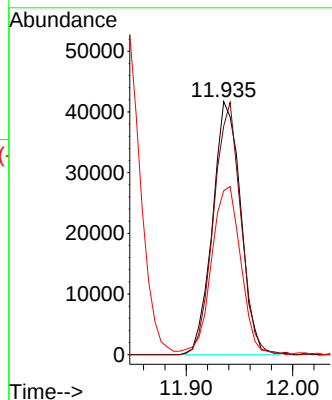
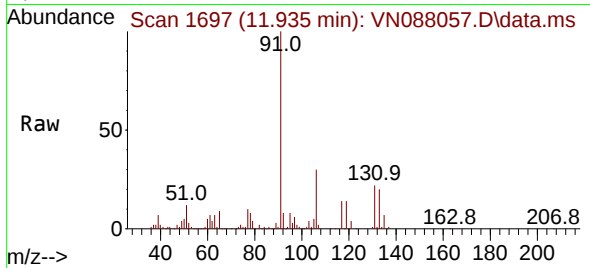




#65
1,1,1,2-Tetrachloroethane
Concen: 19.175 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

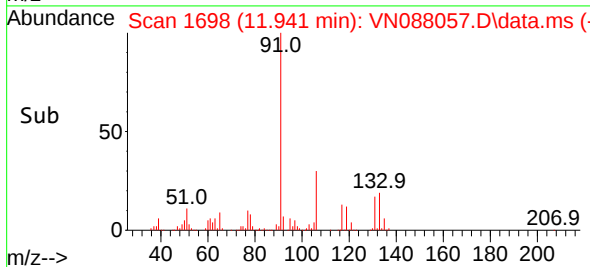
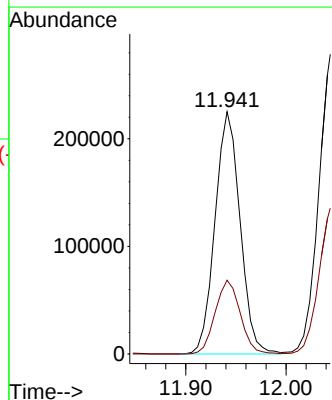
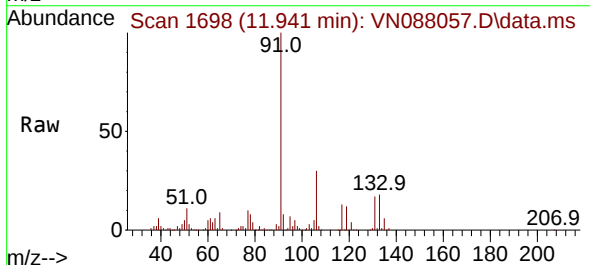
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

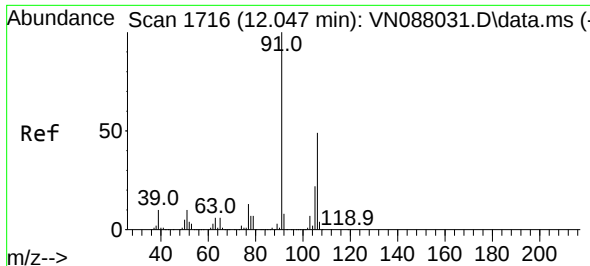
Tgt Ion:131 Resp: 76567
Ion Ratio Lower Upper
131 100
133 96.5 0.0 183.8
119 69.3 0.0 132.0



#66
Ethyl Benzene
Concen: 19.801 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 91 Resp: 390582
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0

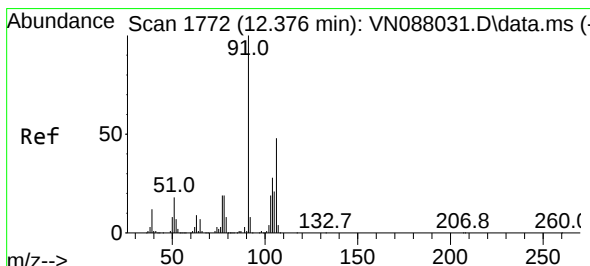
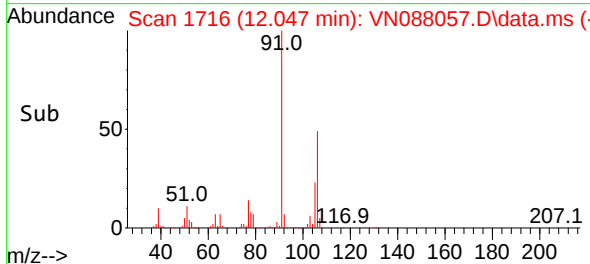
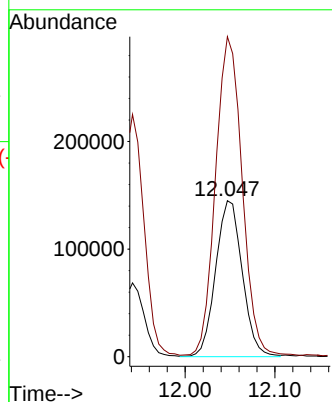
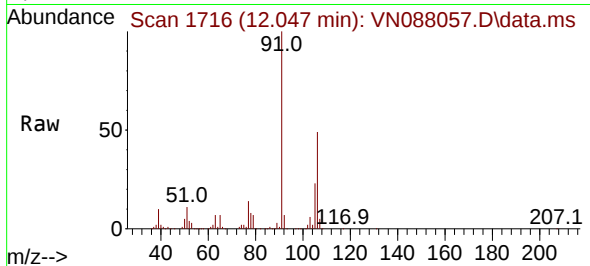




#67
m/p-Xylenes
Concen: 39.291 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

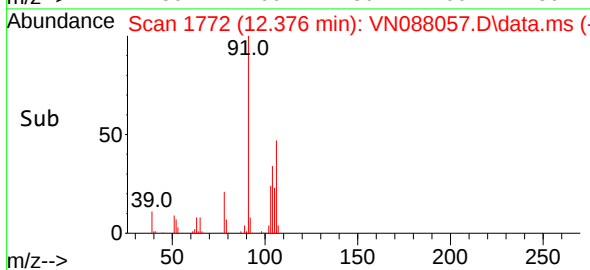
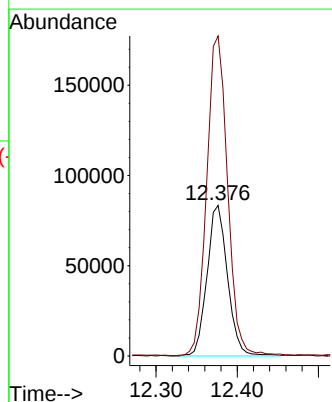
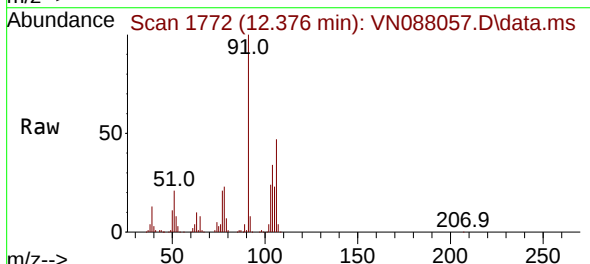
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

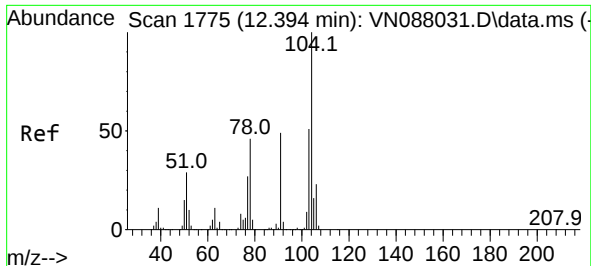
Tgt Ion:106 Resp: 298777
Ion Ratio Lower Upper
106 100
91 206.1 161.4 242.0



#68
o-Xylene
Concen: 19.369 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion:106 Resp: 146619
Ion Ratio Lower Upper
106 100
91 216.9 105.2 315.6

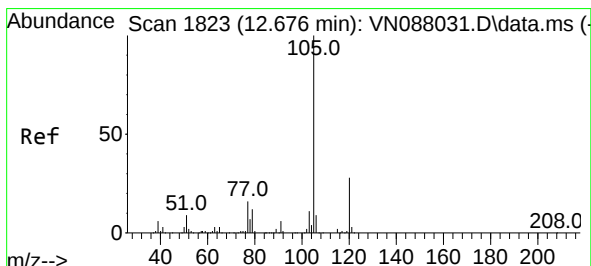
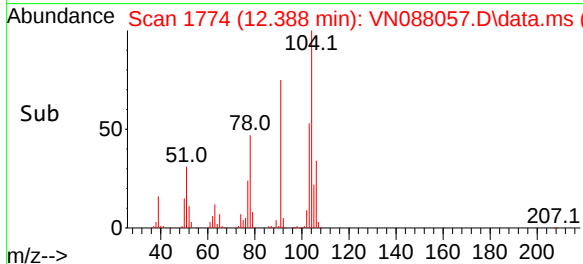
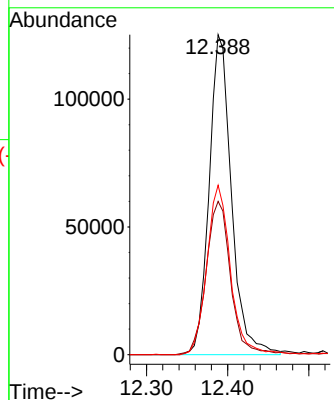
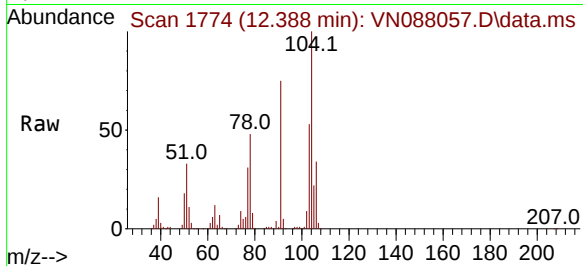




#69
Styrene
Concen: 19.081 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

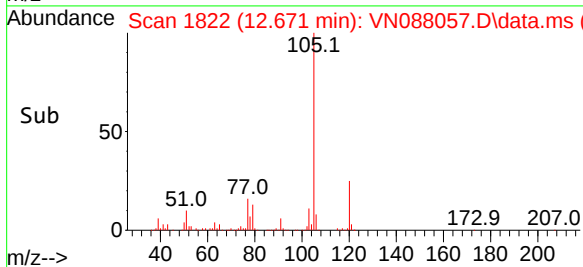
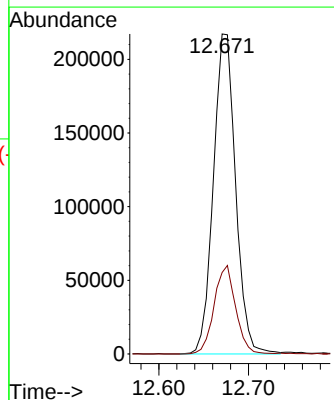
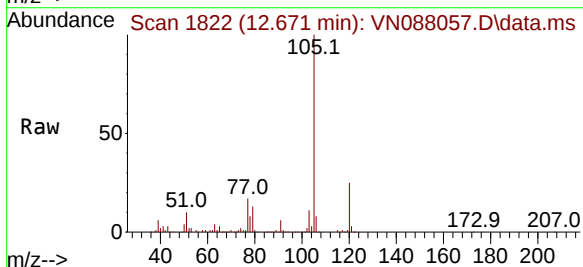
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

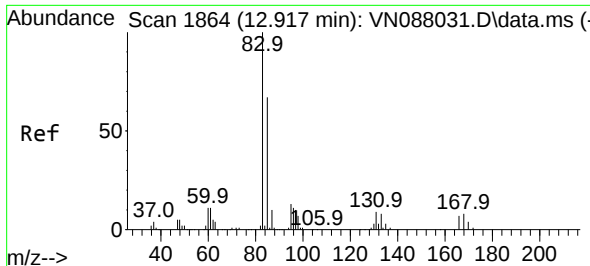
Tgt Ion:104 Resp: 238932
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.6
103 55.3 44.9 67.3



#70
Isopropylbenzene
Concen: 20.149 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. -0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion:105 Resp: 373836
Ion Ratio Lower Upper
105 100
120 26.7 19.1 35.5

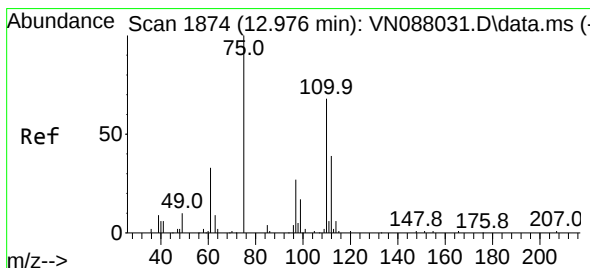
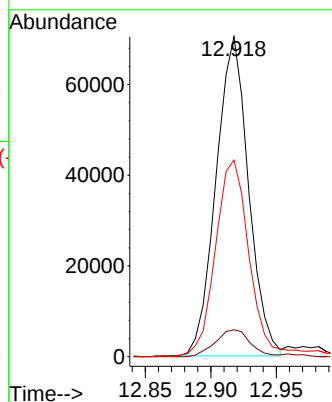
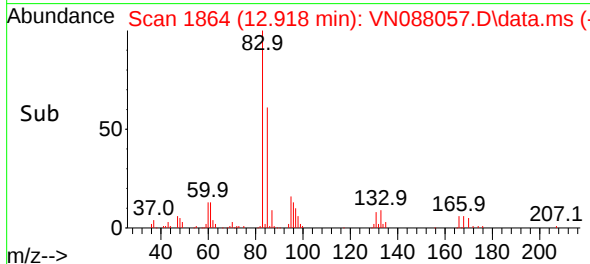
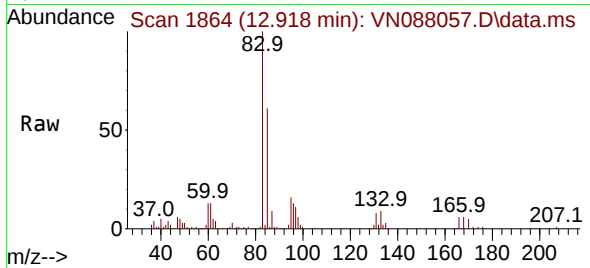




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.297 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN088057.D
 Acq: 17 Oct 2025 10:36

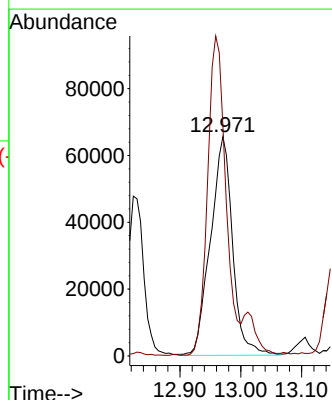
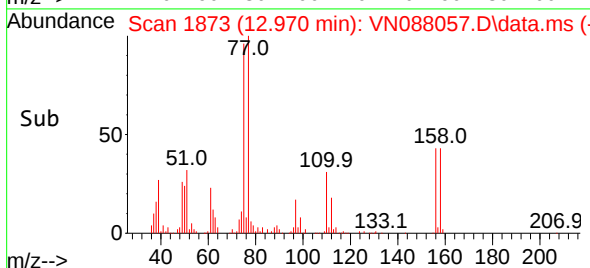
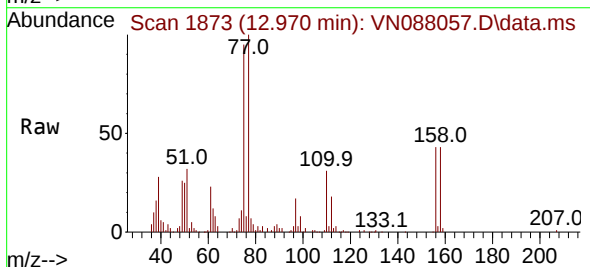
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBSD01

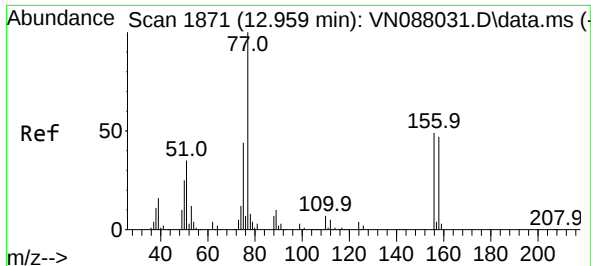
Tgt Ion: 83 Resp: 121382
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.8 14.3
 85 64.0 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 28.234 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.006 min
 Lab File: VN088057.D
 Acq: 17 Oct 2025 10:36

Tgt Ion: 75 Resp: 164938
 Ion Ratio Lower Upper
 75 100
 77 120.4 0.0 364.0

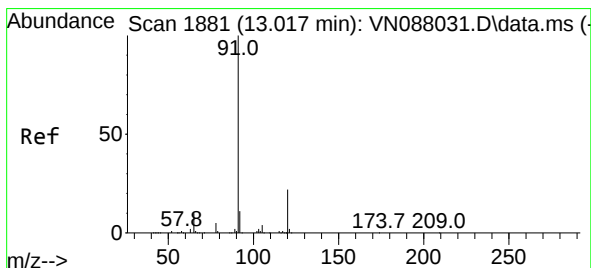
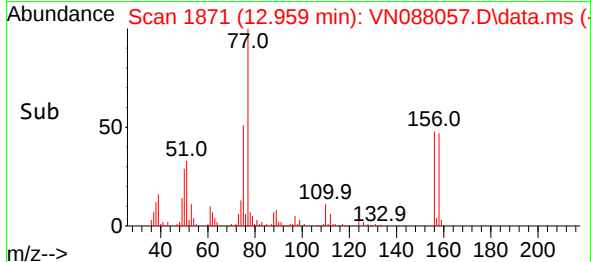
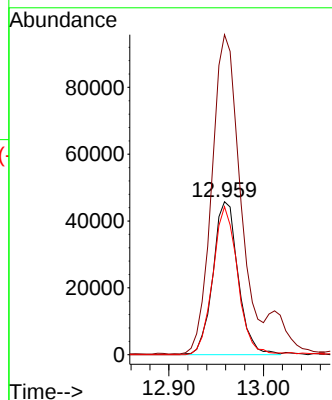
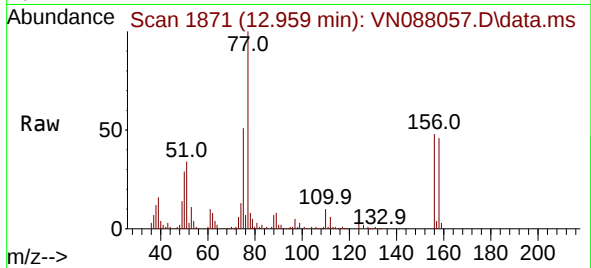




#73
Bromobenzene
Concen: 18.629 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

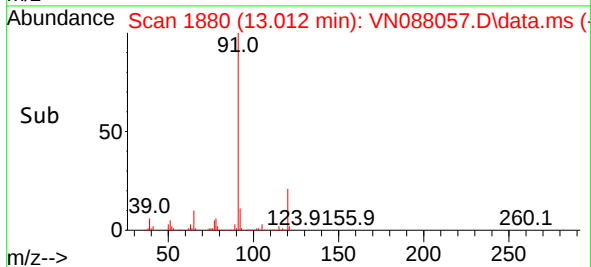
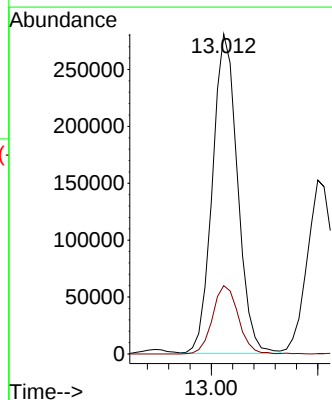
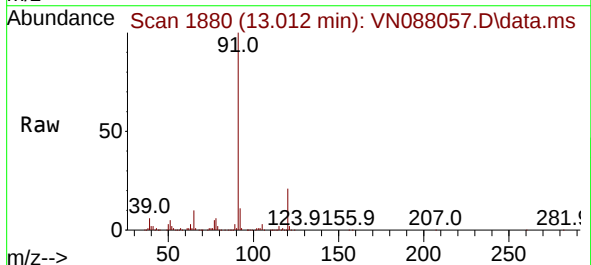
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

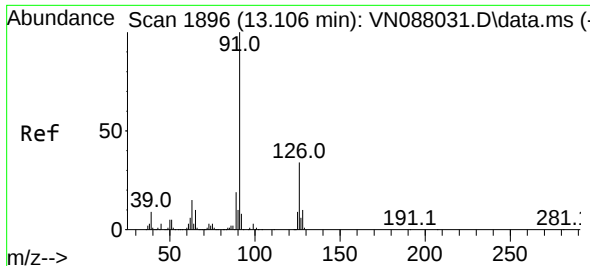
Tgt Ion:156 Resp: 84476
Ion Ratio Lower Upper
156 100
77 235.0 0.0 439.8
158 94.9 0.0 190.0



#74
n-propylbenzene
Concen: 20.467 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 91 Resp: 458411
Ion Ratio Lower Upper
91 100
120 21.9 0.0 46.2

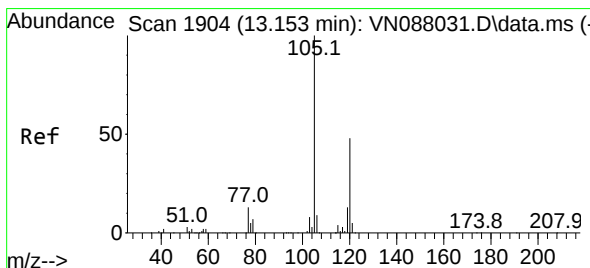
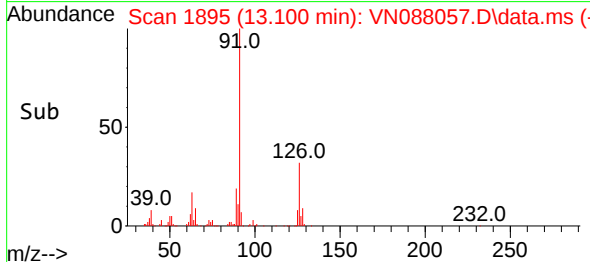
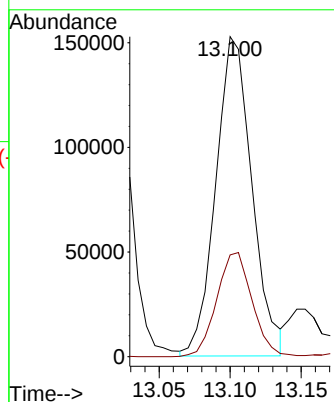
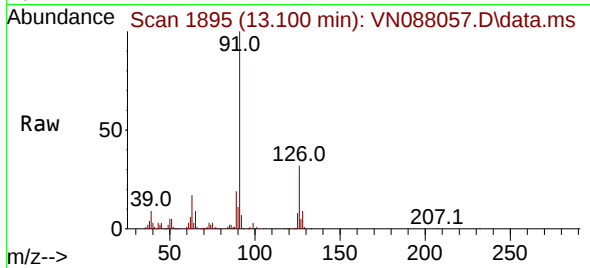




#75
2-Chlorotoluene
Concen: 19.739 ug/l
RT: 13.100 min Scan# 1896
Delta R.T. -0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

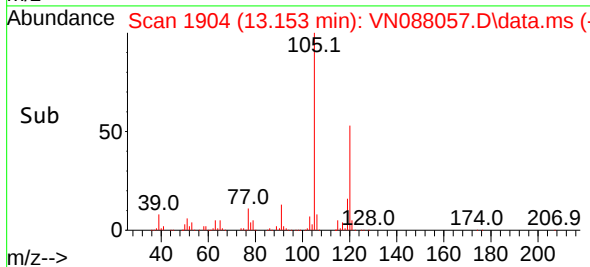
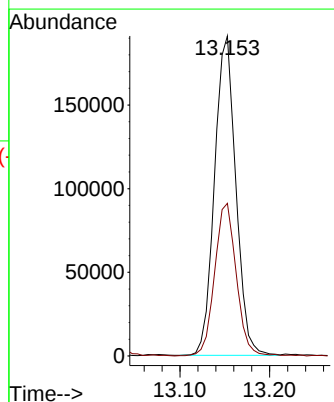
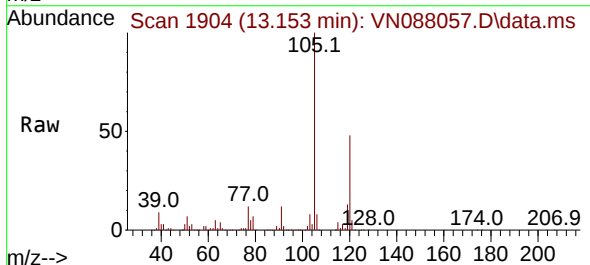
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

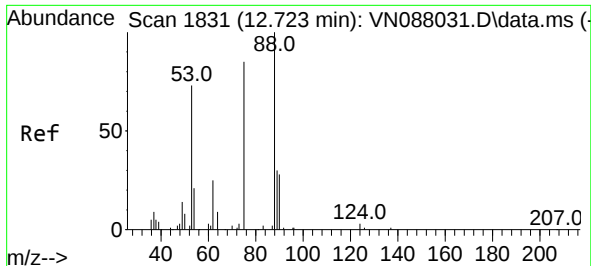
Tgt Ion: 91 Resp: 270316
Ion Ratio Lower Upper
91 100
126 32.1 0.0 66.6



#76
1,3,5-Trimethylbenzene
Concen: 19.974 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 105 Resp: 314783
Ion Ratio Lower Upper
105 100
120 48.5 0.0 100.6

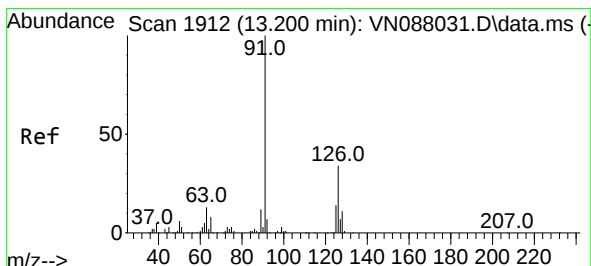
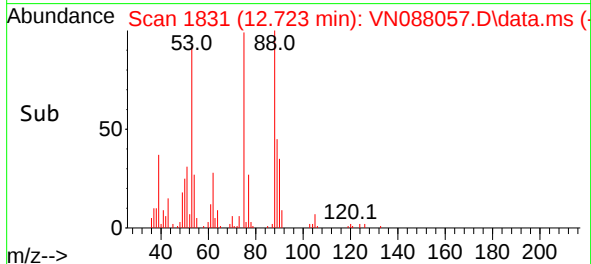
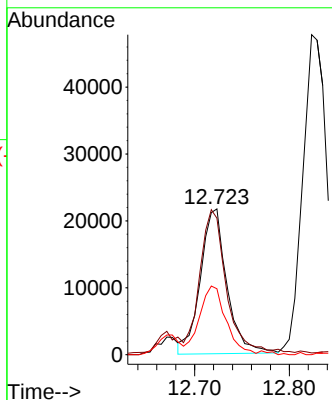
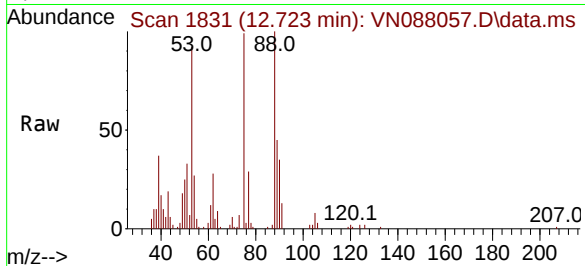




#77
 t-1,4-Dichloro-2-butene
 Concen: 18.059 ug/l
 RT: 12.723 min Scan# 1831
 Delta R.T. 0.000 min
 Lab File: VN088057.D
 Acq: 17 Oct 2025 10:36

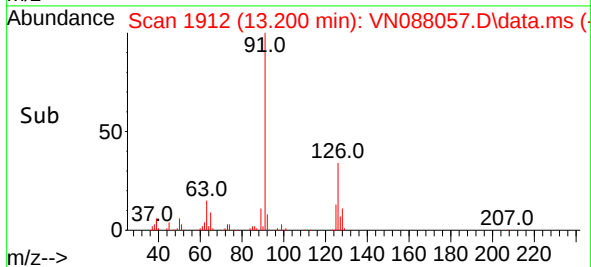
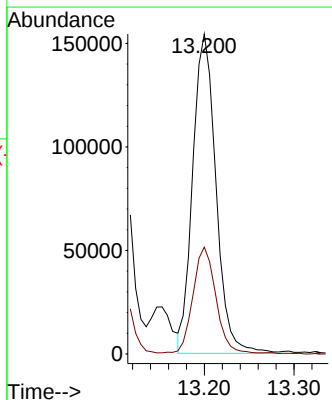
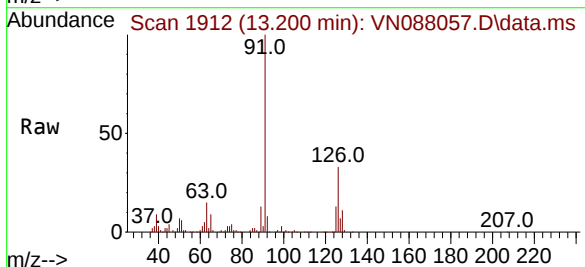
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBSD01

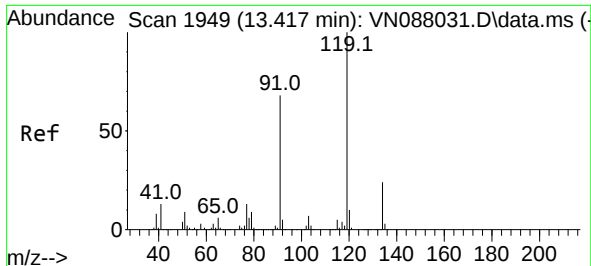
Tgt Ion: 75 Resp: 42042
 Ion Ratio Lower Upper
 75 100
 53 91.4 41.8 125.3
 89 45.9 19.9 59.6



#78
 4-Chlorotoluene
 Concen: 19.949 ug/l
 RT: 13.200 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: VN088057.D
 Acq: 17 Oct 2025 10:36

Tgt Ion: 91 Resp: 277549
 Ion Ratio Lower Upper
 91 100
 126 33.2 0.0 68.8

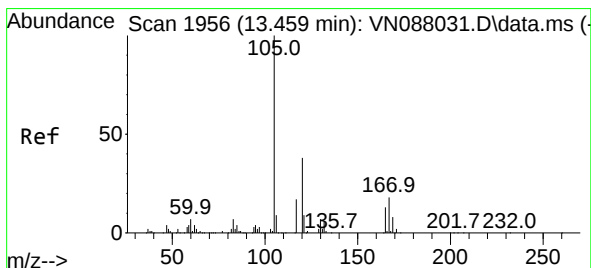
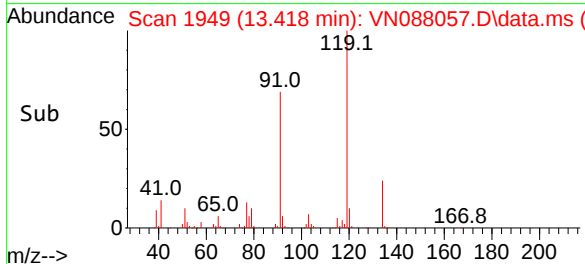
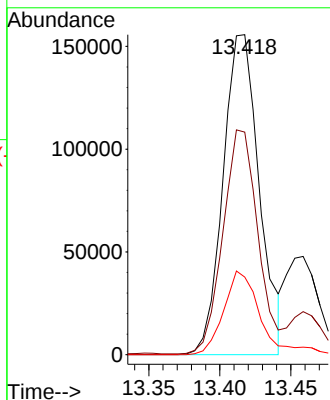
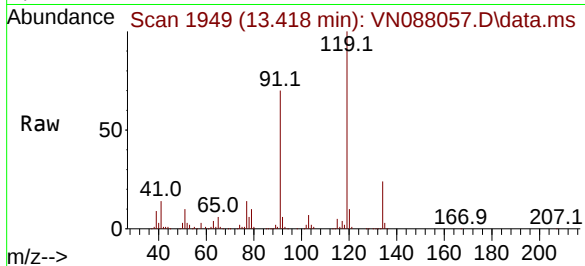




#79
tert-butylbenzene
Concen: 20.243 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

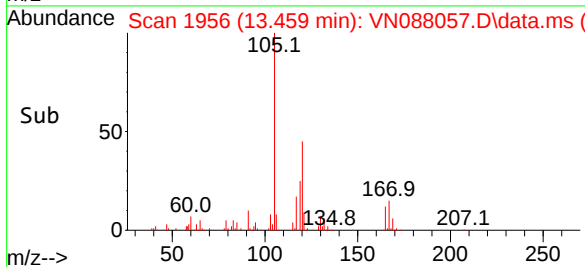
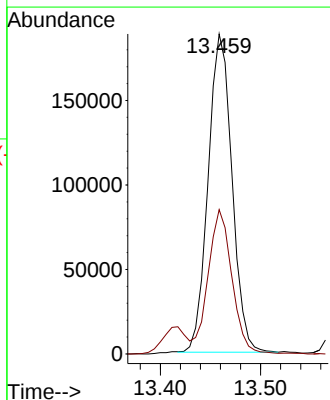
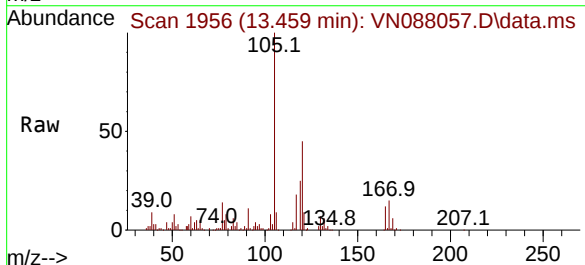
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

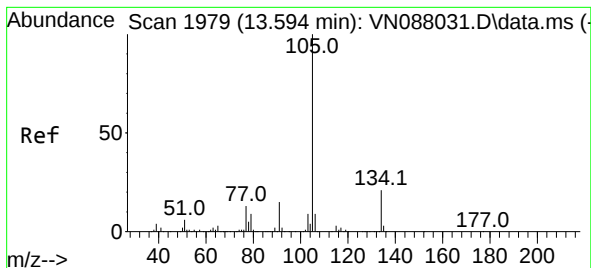
Tgt Ion:119 Resp: 276568
Ion Ratio Lower Upper
119 100
91 67.2 0.0 132.4
134 25.3 0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 19.755 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion:105 Resp: 311676
Ion Ratio Lower Upper
105 100
120 44.8 0.0 93.8





#81

sec-Butylbenzene

Concen: 20.771 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN088057.D

Acq: 17 Oct 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

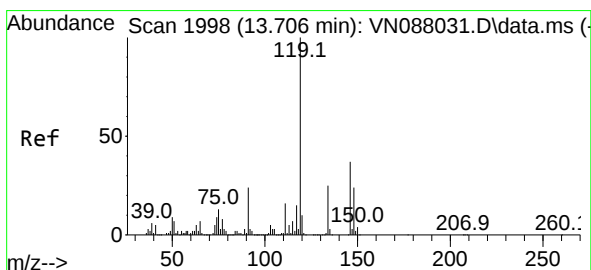
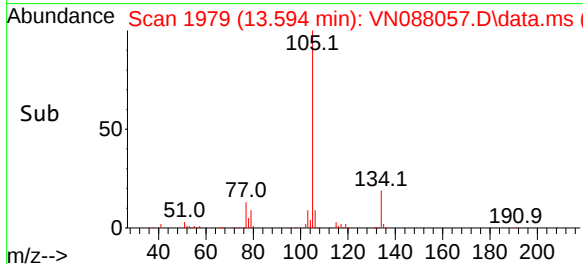
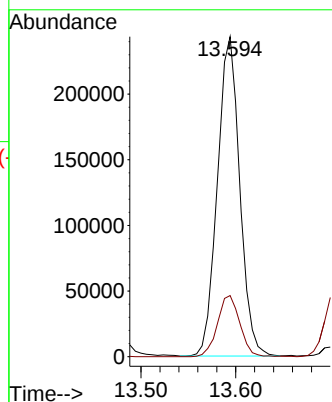
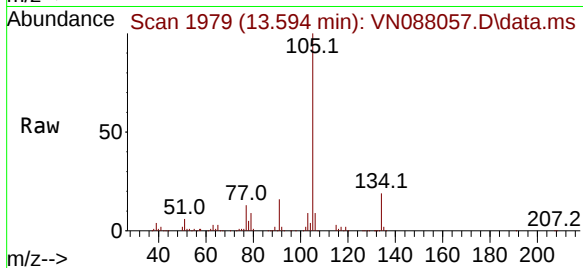
VN1017WBSD01

Tgt Ion:105 Resp: 398977

Ion Ratio Lower Upper

105 100

134 19.2 0.0 41.2



#82

p-Isopropyltoluene

Concen: 20.583 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088057.D

Acq: 17 Oct 2025 10:36

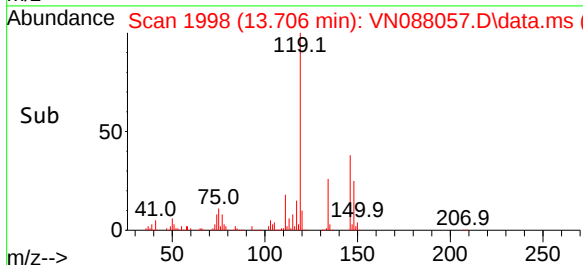
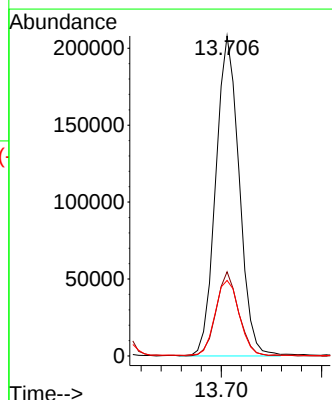
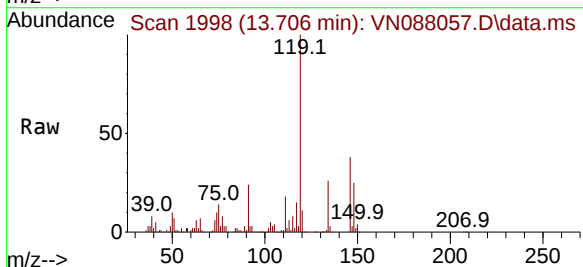
Tgt Ion:119 Resp: 337559

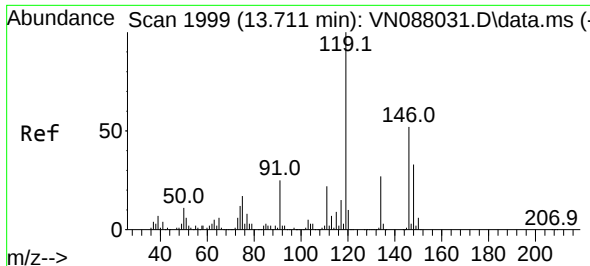
Ion Ratio Lower Upper

119 100

134 25.2 0.0 52.6

91 24.0 0.0 48.2

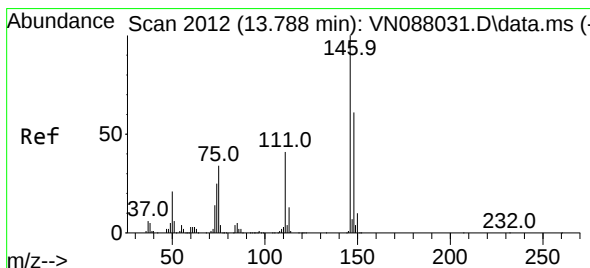
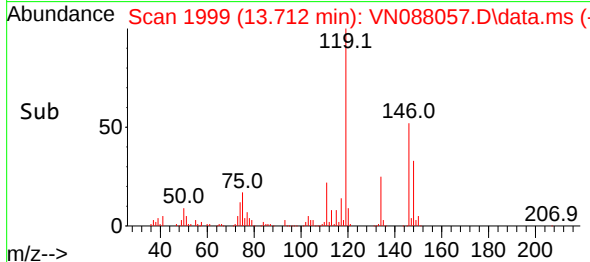
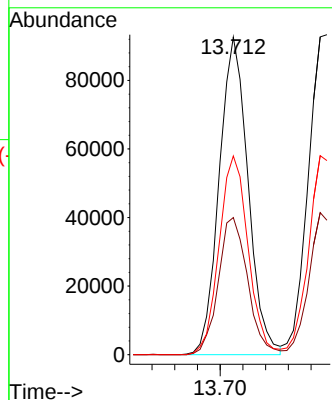
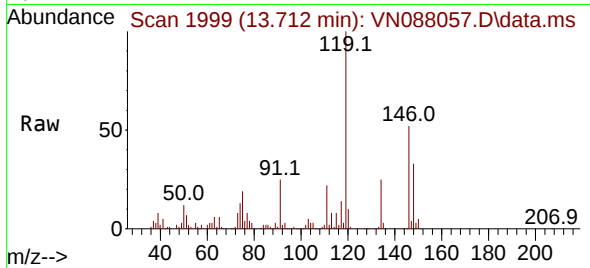




#83
1,3-Dichlorobenzene
Concen: 19.160 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

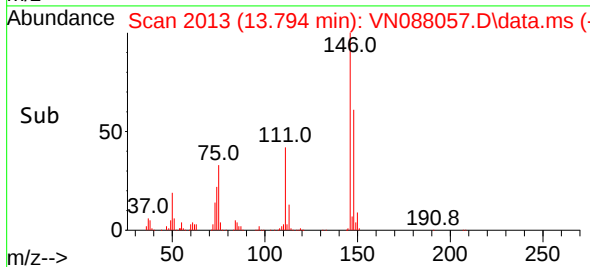
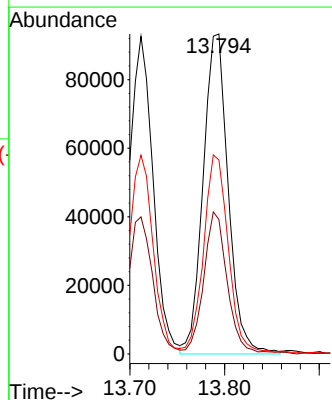
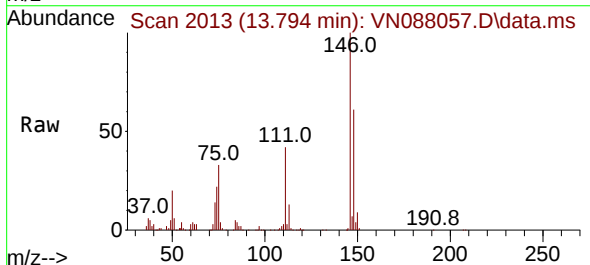
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

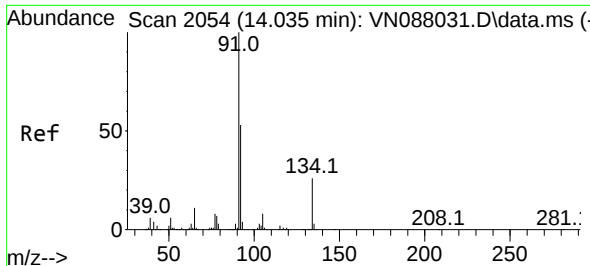
Tgt Ion:146 Resp: 163469
Ion Ratio Lower Upper
146 100
111 43.9 21.1 63.1
148 63.0 31.5 94.5



#84
1,4-Dichlorobenzene
Concen: 19.527 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion:146 Resp: 171817
Ion Ratio Lower Upper
146 100
111 40.0 20.5 61.6
148 61.7 31.9 95.9

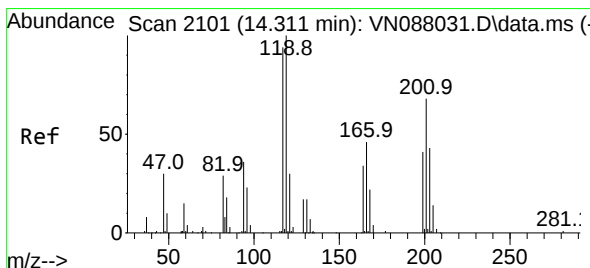
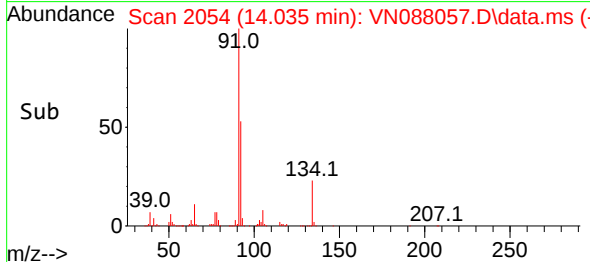
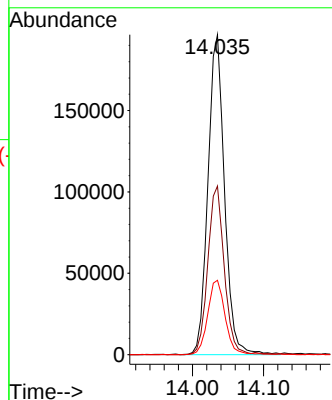
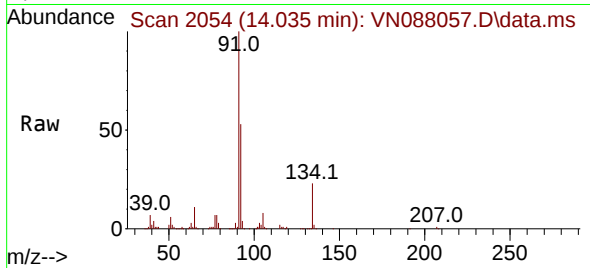




#85
n-Butylbenzene
Concen: 20.899 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

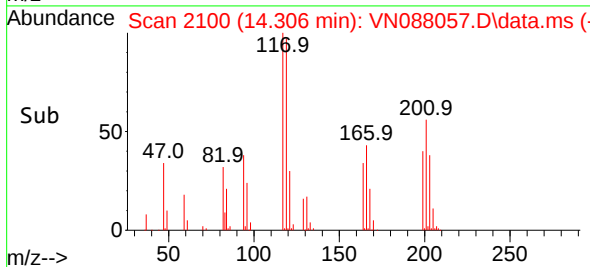
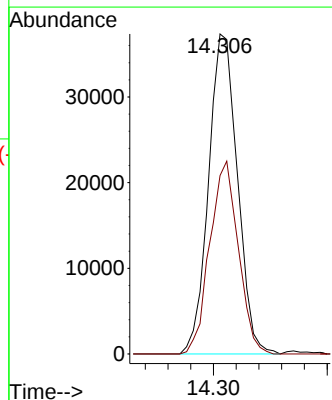
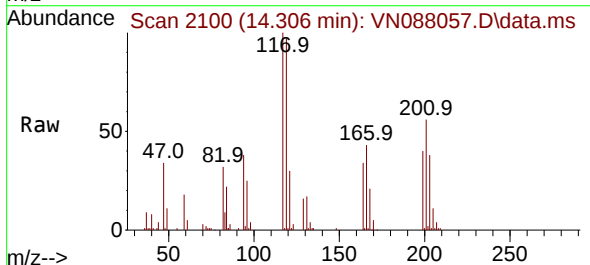
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

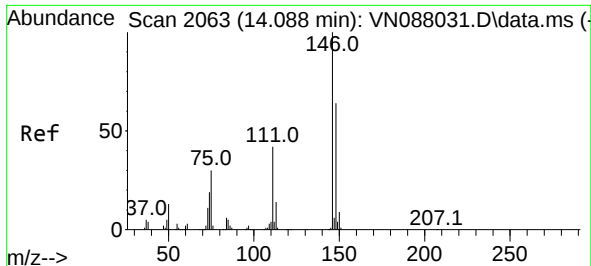
Tgt Ion: 91 Resp: 318876
Ion Ratio Lower Upper
91 100
92 52.2 0.0 107.6
134 24.5 0.0 52.6



#86
Hexachloroethane
Concen: 20.093 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 117 Resp: 66012
Ion Ratio Lower Upper
117 100
201 59.5 34.8 104.3

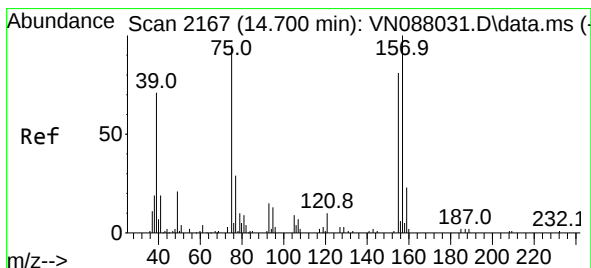
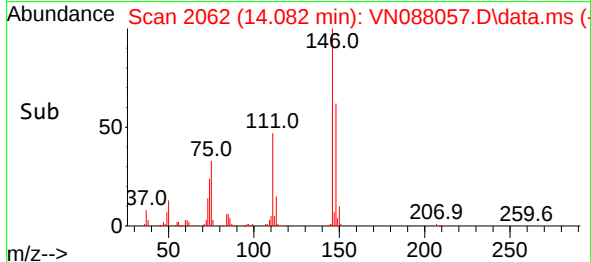
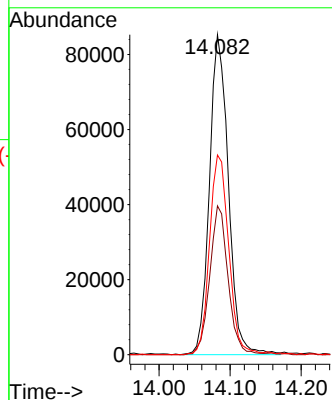
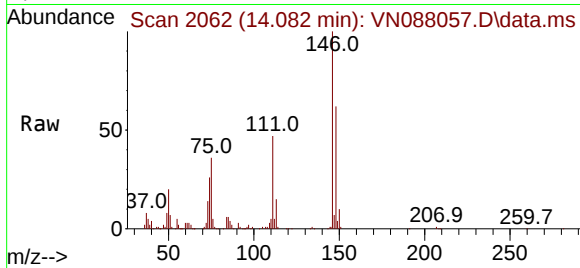




#87
 1,2-Dichlorobenzene
 Concen: 18.801 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.006 min
 Lab File: VN088057.D
 Acq: 17 Oct 2025 10:36

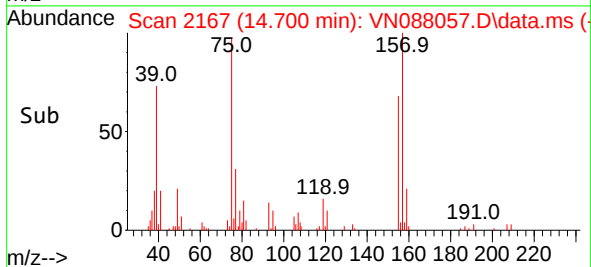
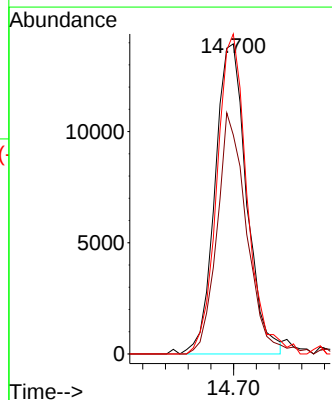
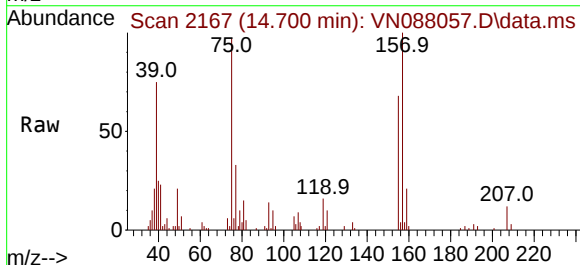
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBSD01

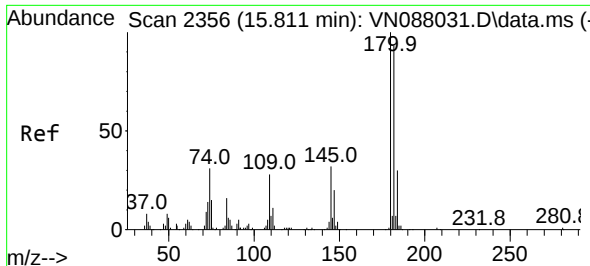
Tgt Ion:146 Resp: 157781
 Ion Ratio Lower Upper
 146 100
 111 45.1 22.3 66.8
 148 63.3 31.4 94.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.660 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.000 min
 Lab File: VN088057.D
 Acq: 17 Oct 2025 10:36

Tgt Ion: 75 Resp: 26957
 Ion Ratio Lower Upper
 75 100
 155 73.2 63.5 95.3
 157 98.5 81.7 122.5

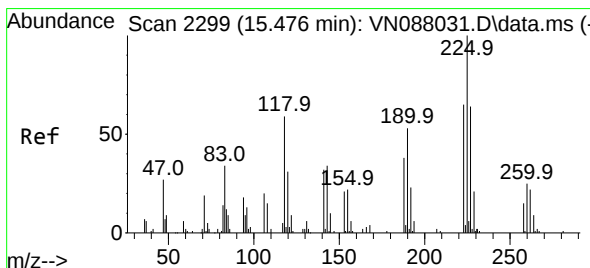
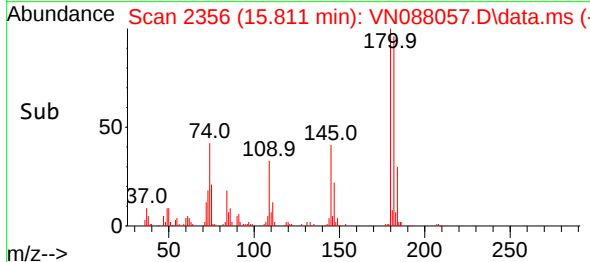
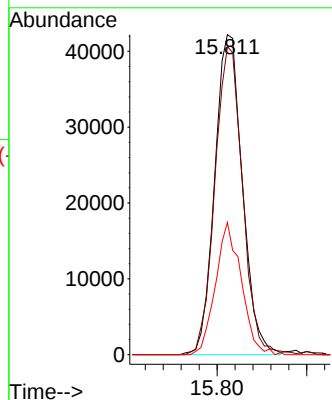
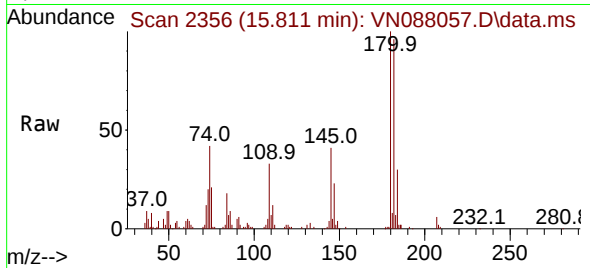




#89
1,2,4-Trichlorobenzene
Concen: 18.059 ug/l
RT: 15.811 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

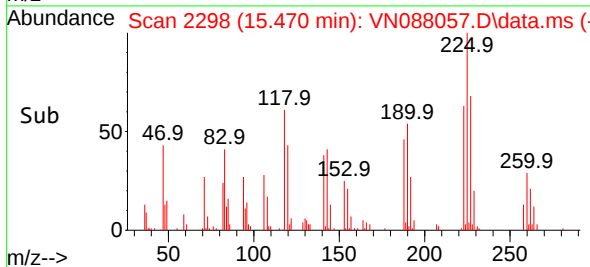
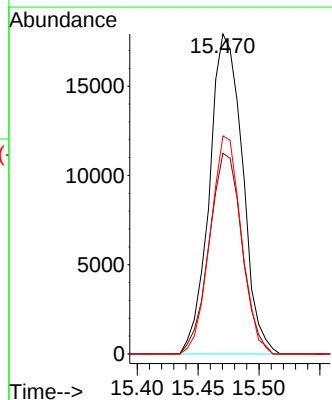
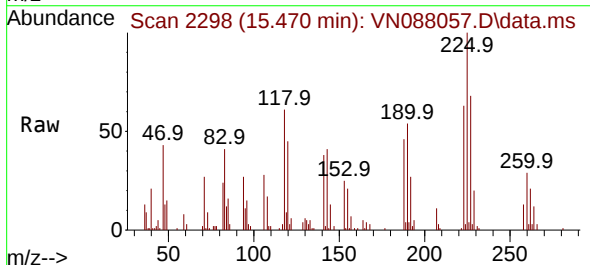
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

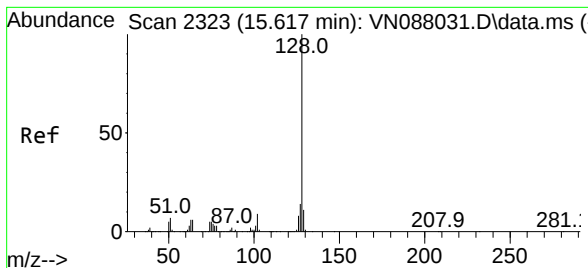
Tgt Ion:180 Resp: 90270
Ion Ratio Lower Upper
180 100
182 96.1 74.6 112.0
145 38.3 27.2 40.8



#90
Hexachlorobutadiene
Concen: 19.467 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion:225 Resp: 33868
Ion Ratio Lower Upper
225 100
223 62.2 0.0 129.6
227 64.0 0.0 132.2

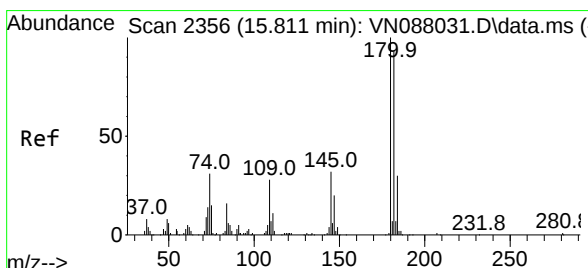
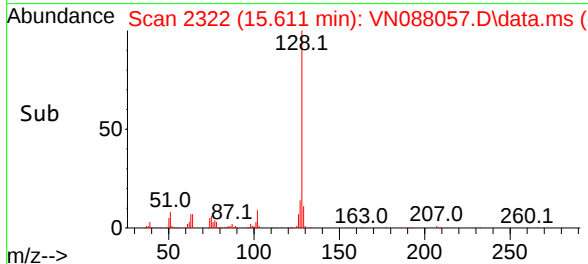
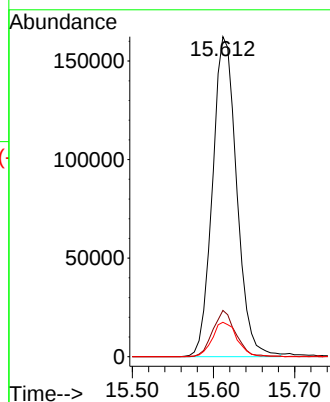
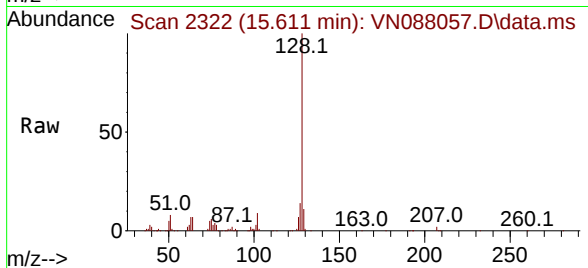




#91
Naphthalene
Concen: 18.394 ug/l
RT: 15.611 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

Tgt Ion:128 Resp: 336619
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 10.9 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 18.059 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088057.D
Acq: 17 Oct 2025 10:36

Tgt Ion:180 Resp: 90270
Ion Ratio Lower Upper
180 100
182 96.1 0.0 186.6
145 38.3 0.0 68.0

