

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091725\
 Data File : VN087880.D
 Acq On : 17 Sep 2025 15:18
 Operator : JC\MD
 Sample : Q3098-03MSD 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 18 03:12:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	50263	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	267467	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	245997	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	120981	28.177	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	93.933%		
60) 4-Bromofluorobenzene	12.829	95	114284	28.893	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.300%		
63) Toluene-d8	10.547	98	329637	28.814	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.033%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	66326	21.232	ug/l	94
3) Chloromethane	2.383	50	56310	17.171	ug/l	99
4) Vinyl Chloride	2.536	62	61380	16.558	ug/l	95
5) Bromomethane	2.977	94	34052	15.658	ug/l	96
6) Chloroethane	3.142	64	39849	15.728	ug/l #	80
7) Trichlorofluoromethane	3.506	101	102393	18.844	ug/l	92
8) Diethyl Ether	3.959	74	34136	14.877	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	56001	19.028	ug/l	95
10) 1,1-Dichloroethene	4.336	96	54898	18.092	ug/l	87
11) Methyl Iodide	4.583	142	30213	14.066	ug/l	88
12) Methyl Acetate	5.012	43	99186	21.205	ug/l #	90
13) Acrolein	4.171	56	111733	134.163	ug/l #	41
14) Acrylonitrile	5.712	53	202752	100.705	ug/l	98
15) Acetone	4.430	58	97606	155.406	ug/l	94
16) Carbon Disulfide	4.706	76	140289	16.839	ug/l #	96
17) Allyl chloride	5.012	41	91975	18.558	ug/l	88
18) Methylene Chloride	5.259	84	66990	19.490	ug/l	88
19) trans-1,2-Dichloroethene	5.783	96	60582	19.576	ug/l	97
20) Diisopropyl ether	6.653	45	209067	18.344	ug/l	95
21) 1,1-Dichloroethane	6.553	63	123424	19.776	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	74188	19.750	ug/l	99
23) tert-Butyl Alcohol	5.530	59	82861	116.426	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	213911	19.746	ug/l	99
25) Chloroform	7.947	83	161620	24.739	ug/l	99
26) Cyclohexane	8.241	56	82218	17.298	ug/l #	91
29) 1,1-Dichloropropene	8.353	75	81418	18.730	ug/l	97
30) 2-Butanone	7.471	43	295870	98.808	ug/l	99
31) 2,2-Dichloropropane	7.471	77	99599	19.008	ug/l #	78
32) 1,1,1-Trichloroethane	8.153	97	112002	20.324	ug/l	97
33) Carbon Tetrachloride	8.341	117	92270	20.081	ug/l	98
34) Benzene	8.588	78	266187	18.948	ug/l	95
35) Methacrylonitrile	7.765	41	56022	17.886	ug/l	88
36) 1,2-Dichloroethane	8.653	62	96944	18.269	ug/l	100
37) Trichloroethene	9.335	130	63051	20.077	ug/l	82
38) Methylcyclohexane	9.583	83	79652	16.642	ug/l	98
39) 1,2-Dichloropropane	9.600	63	66454	18.469	ug/l	92
40) Dibromomethane	9.694	93	52797	19.717	ug/l	97
41) Bromodichloromethane	9.865	83	107603	19.661	ug/l	100
42) Vinyl Acetate	6.589	43	874343	87.392	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091725\
 Data File : VN087880.D
 Acq On : 17 Sep 2025 15:18
 Operator : JC\MD
 Sample : Q3098-03MSD 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

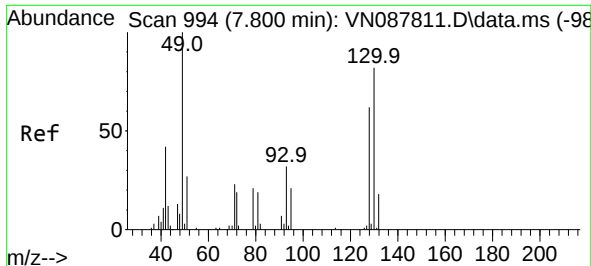
Quant Time: Sep 18 03:12:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	114160	18.660	ug/l	98
44) Isopropyl Acetate	8.677	43	174190	18.162	ug/l	99
45) 1,4-Dioxane	9.683	88	25610	423.424	ug/l	94
46) Methyl methacrylate	9.665	41	82205	18.595	ug/l	99
48) t-1,3-Dichloropropene	10.818	75	101642	17.881	ug/l	94
49) cis-1,3-Dichloropropene	10.294	75	104063	17.874	ug/l #	87
50) 1,1,2-Trichloroethane	10.994	97	69888	20.208	ug/l #	91
51) Ethyl methacrylate	10.859	69	97913	18.191	ug/l	97
52) 1,3-Dichloropropane	11.141	76	116949	19.473	ug/l	99
53) Dibromochloromethane	11.335	129	76633	19.762	ug/l	90
54) 1,2-Dibromoethane	11.447	107	71008	19.731	ug/l	100
55) 2-Chloroethyl vinyl ether	10.135	63	729	0.236	ug/l #	78
56) Bromoform	12.559	173	50459	19.925	ug/l	98
58) 4-Methyl-2-Pentanone	10.424	43	570180	98.027	ug/l	98
59) 2-Hexanone	11.177	43	364022	95.776	ug/l	97
61) Tetrachloroethene	11.082	164	49494	20.208	ug/l	97
62) Toluene	10.612	91	281866	18.943	ug/l	100
64) Chlorobenzene	11.871	112	178909	19.590	ug/l	91
65) 1,1,1,2-Tetrachloroethane	11.935	131	64249	19.982	ug/l	98
66) Ethyl Benzene	11.941	91	298676	18.606	ug/l	95
67) m/p-Xylenes	12.047	106	232789	39.066	ug/l	91
68) o-Xylene	12.376	106	111139	19.236	ug/l	96
69) Styrene	12.394	104	192210	19.141	ug/l	98
70) Isopropylbenzene	12.671	105	280125	19.121	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.912	83	104825	19.904	ug/l	98
72) 1,2,3-Trichloropropane	12.976	75	128289	24.809	ug/l	54
73) Bromobenzene	12.959	156	71960	20.077	ug/l	90
74) n-propylbenzene	13.012	91	344863	18.657	ug/l	98
75) 2-Chlorotoluene	13.106	91	203014	18.248	ug/l	92
76) 1,3,5-Trimethylbenzene	13.153	105	229923	18.585	ug/l	95
77) t-1,4-Dichloro-2-butene	12.718	75	35777	20.498	ug/l	97
78) 4-Chlorotoluene	13.200	91	203348	18.131	ug/l	95
79) tert-butylbenzene	13.418	119	199634	19.269	ug/l	94
80) 1,2,4-Trimethylbenzene	13.459	105	229662	18.107	ug/l	96
81) sec-Butylbenzene	13.594	105	278947	18.305	ug/l	97
82) p-Isopropyltoluene	13.706	119	233655	18.609	ug/l	97
83) 1,3-Dichlorobenzene	13.712	146	139393	20.172	ug/l	97
84) 1,4-Dichlorobenzene	13.788	146	143837	20.767	ug/l	99
85) n-Butylbenzene	14.035	91	222821	18.462	ug/l	98
86) Hexachloroethane	14.306	117	45816	17.965	ug/l	88
87) 1,2-Dichlorobenzene	14.082	146	134295	20.606	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.694	75	24068	20.593	ug/l	85
89) 1,2,4-Trichlorobenzene	15.812	180	72746	19.625	ug/l	95
90) Hexachlorobutadiene	15.476	225	30240	24.335	ug/l	88
91) Naphthalene	15.612	128	259275	19.000	ug/l	98
92) 1,2,3-Trichlorobenzene	15.812	180	72746	19.625	ug/l	95

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

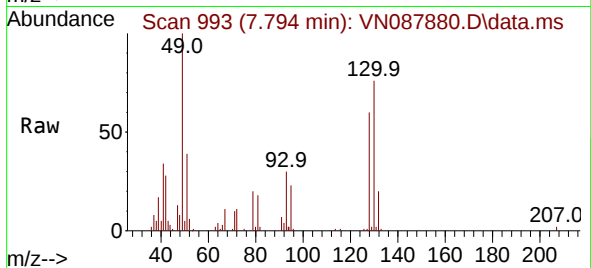
Quant Time: Sep 18 03:12:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration



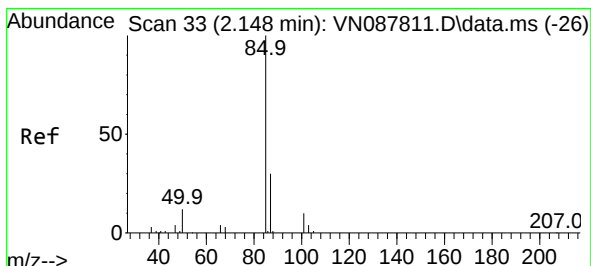
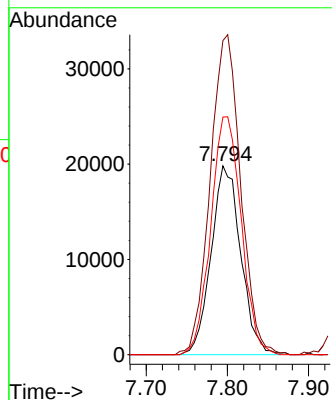
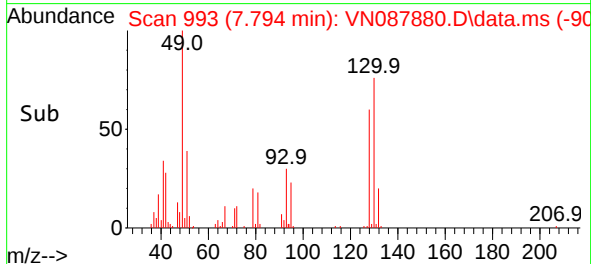


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Instrument :
MSVOA_N
ClientSampleId :

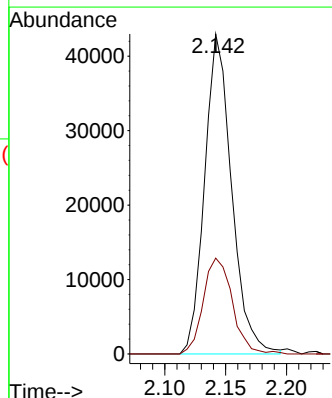
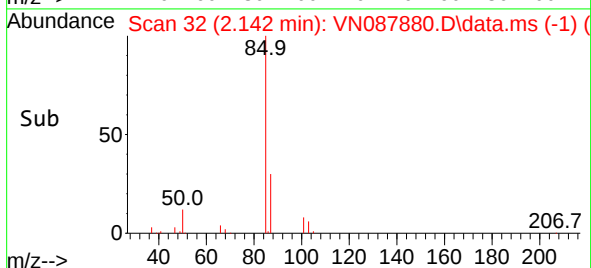
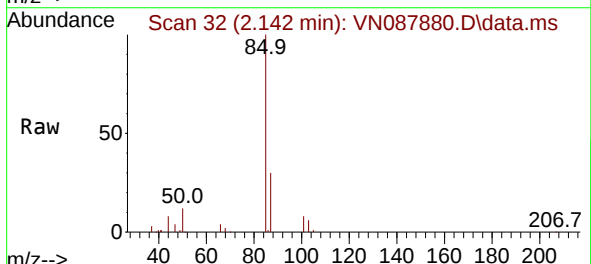


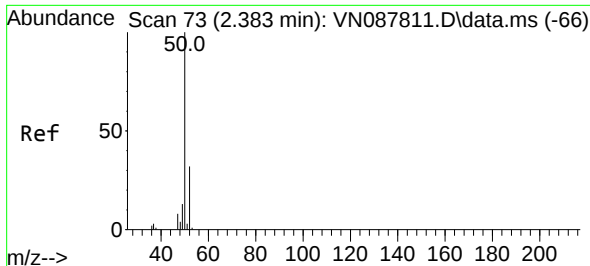
Tgt Ion:128 Resp: 50263
Ion Ratio Lower Upper
128 100
49 174.5 0.0 464.3
130 129.7 0.0 300.5



#2
Dichlorodifluoromethane
Concen: 21.232 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

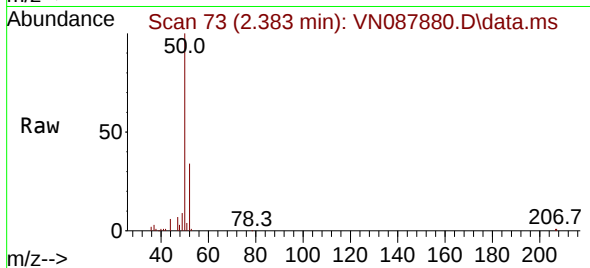
Tgt Ion: 85 Resp: 66326
Ion Ratio Lower Upper
85 100
87 30.0 16.8 50.4



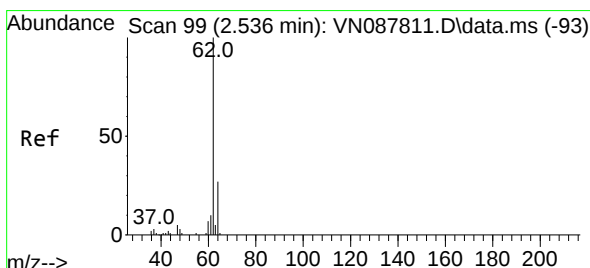
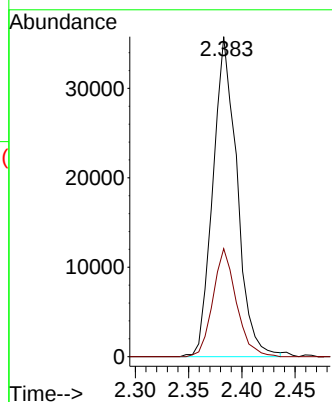
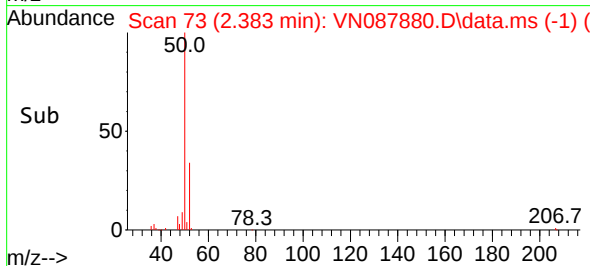


#3
Chloromethane
Concen: 17.171 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

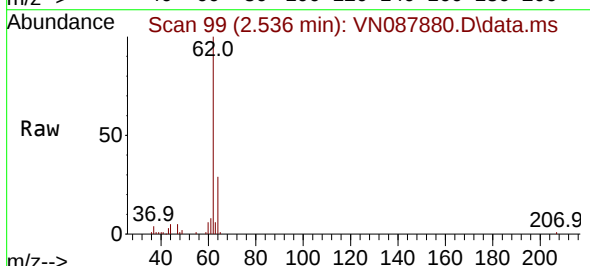
Instrument :
MSVOA_N
ClientSampleId :



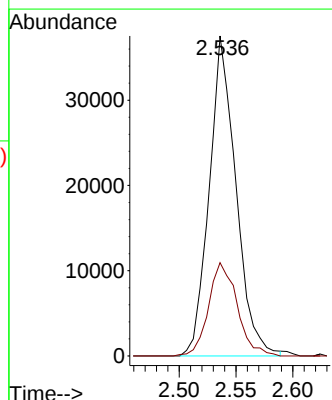
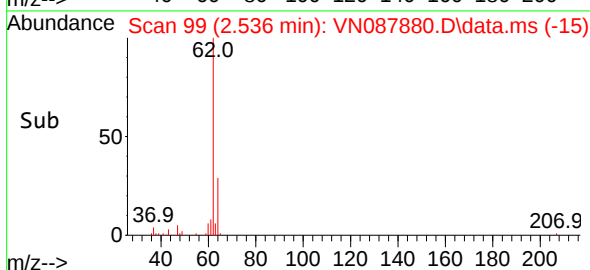
Tgt Ion: 50 Resp: 56310
Ion Ratio Lower Upper
50 100
52 33.7 26.6 40.0

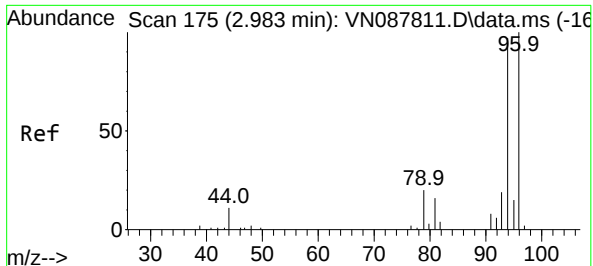


#4
Vinyl Chloride
Concen: 16.558 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18



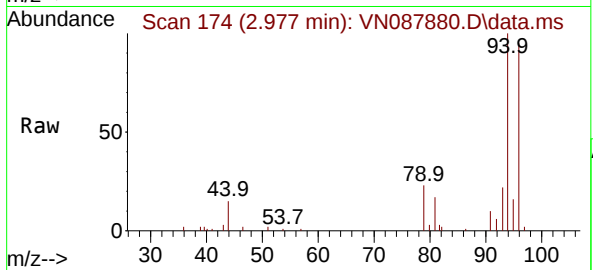
Tgt Ion: 62 Resp: 61380
Ion Ratio Lower Upper
62 100
64 29.2 25.5 38.3



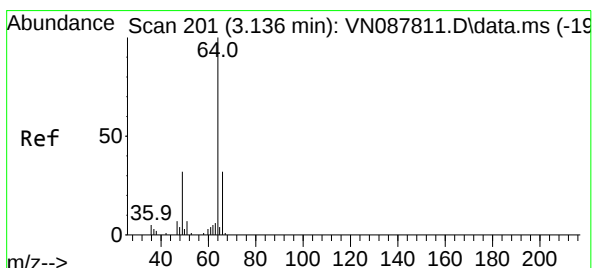
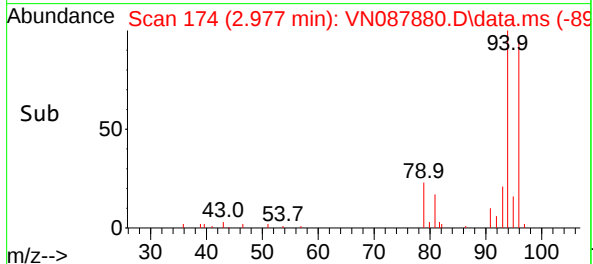
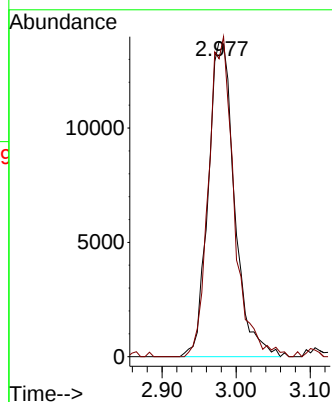


#5
Bromomethane
Concen: 15.658 ug/l
RT: 2.977 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Instrument :
MSVOA_N
ClientSampleId :

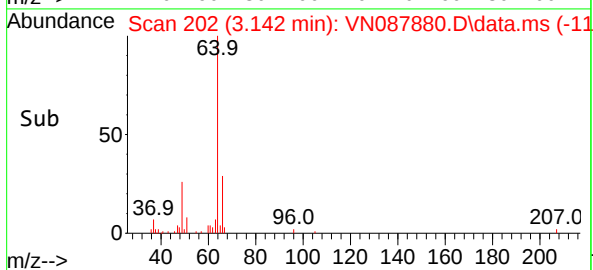
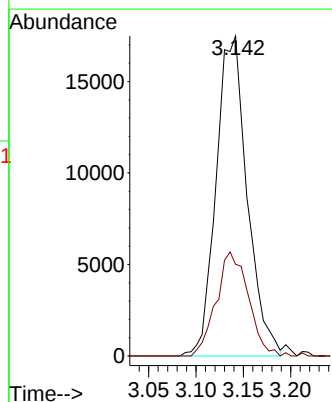
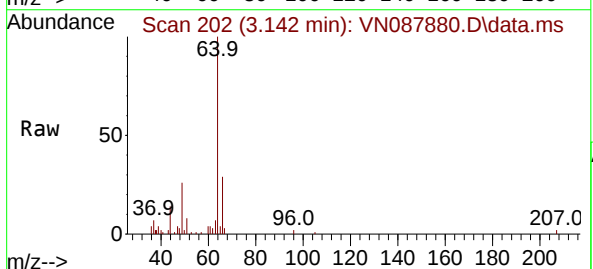


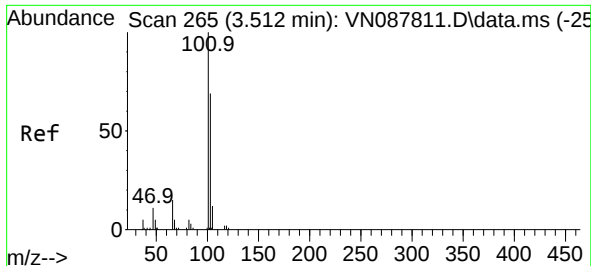
Tgt Ion: 94 Resp: 34052
Ion Ratio Lower Upper
94 100
96 94.5 72.2 108.4



#6
Chloroethane
Concen: 15.728 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion: 64 Resp: 39849
Ion Ratio Lower Upper
64 100
66 28.6 32.8 49.2#

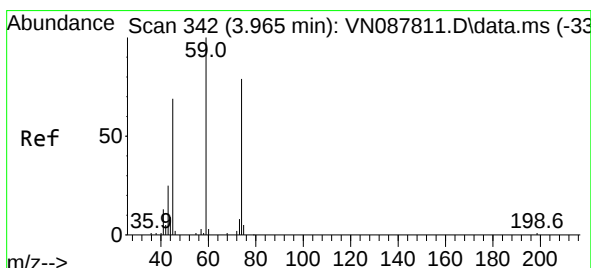
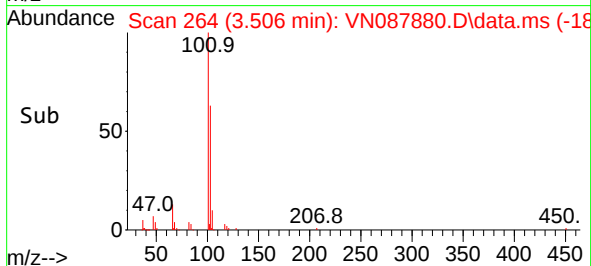
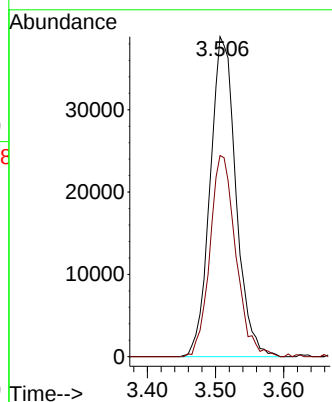
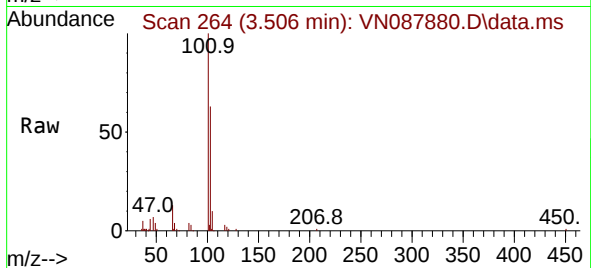




#7
 Trichlorofluoromethane
 Concen: 18.844 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087880.D
 Acq: 17 Sep 2025 15:18

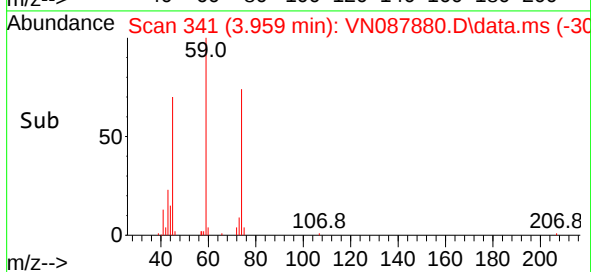
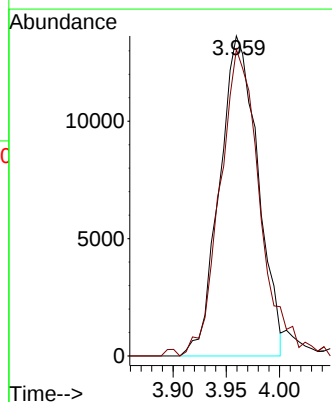
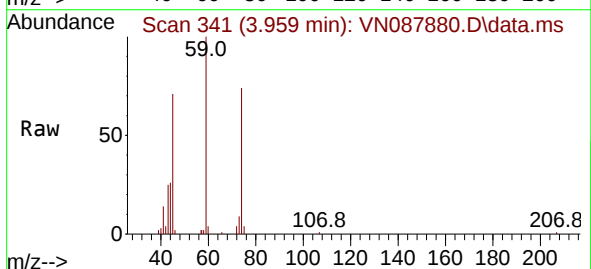
Instrument :
 MSVOA_N
 ClientSampleId :

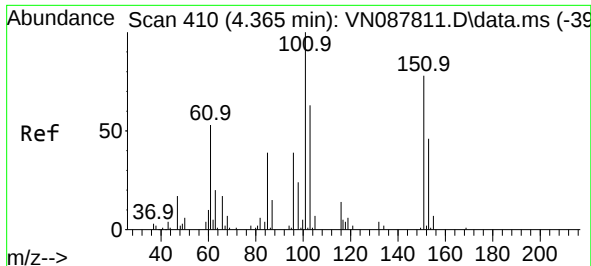
Tgt Ion:101 Resp: 102393
 Ion Ratio Lower Upper
 101 100
 103 62.8 45.7 68.5



#8
 Diethyl Ether
 Concen: 14.877 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087880.D
 Acq: 17 Sep 2025 15:18

Tgt Ion: 74 Resp: 34136
 Ion Ratio Lower Upper
 74 100
 45 98.4 20.4 183.8

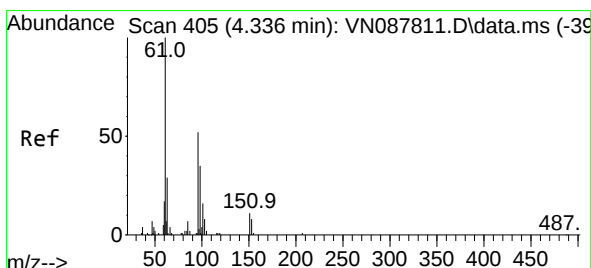
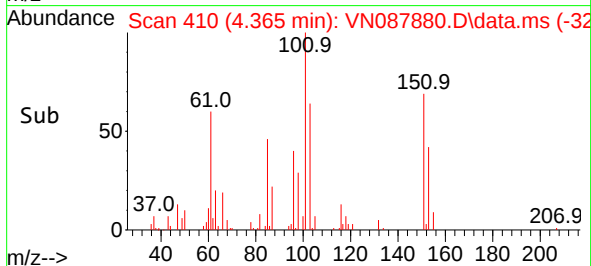
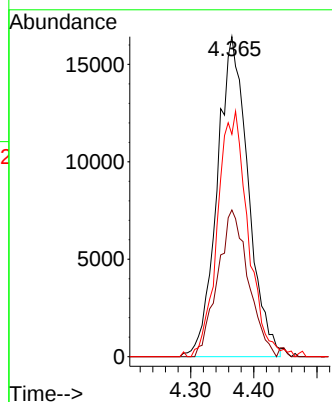
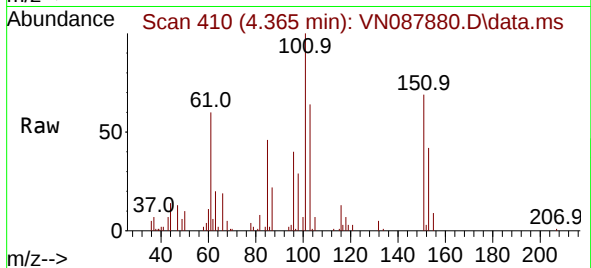




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.028 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

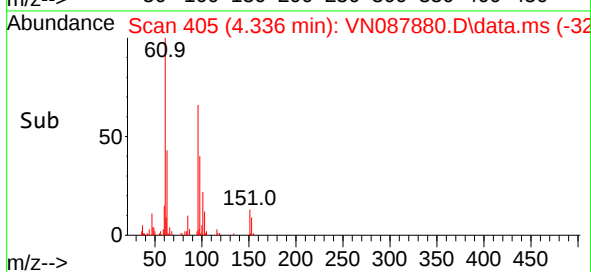
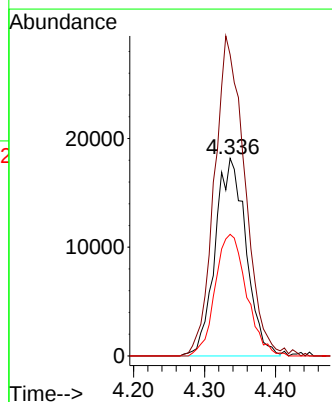
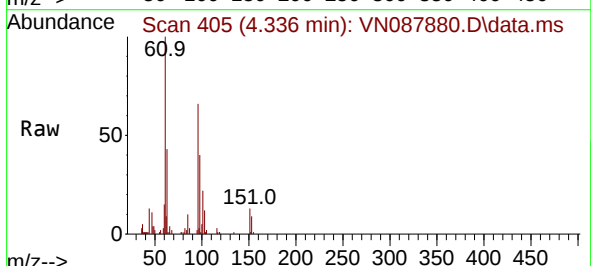
Instrument :
MSVOA_N
ClientSampleId :

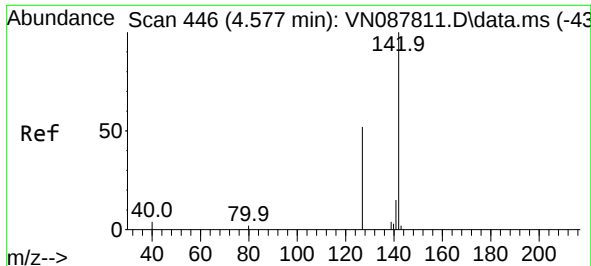
Tgt Ion:101 Resp: 56001
Ion Ratio Lower Upper
101 100
85 45.3 0.0 95.6
151 38.6 0.0 85.8



#10
1,1-Dichloroethene
Concen: 18.092 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion: 96 Resp: 54898
Ion Ratio Lower Upper
96 100
61 152.5 135.9 203.9
98 61.6 59.2 88.8

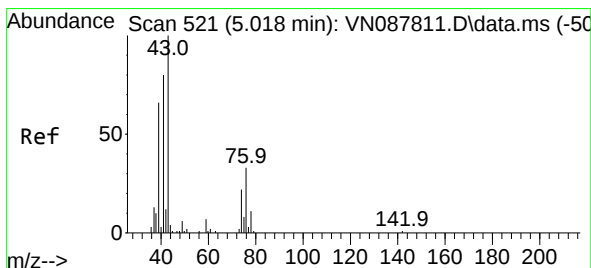
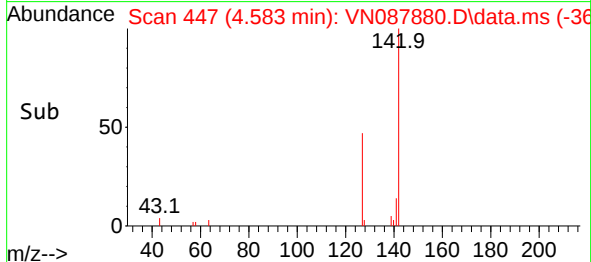
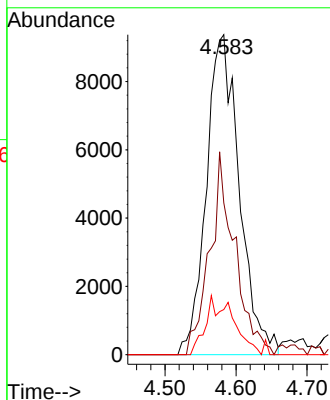
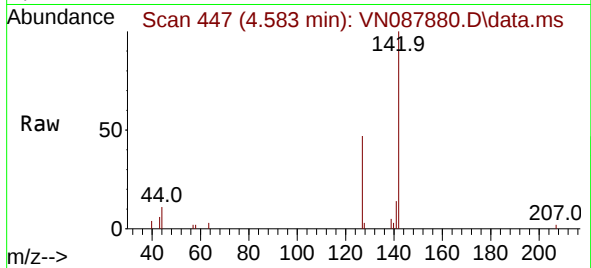




#11
Methyl Iodide
Concen: 14.066 ug/l
RT: 4.583 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

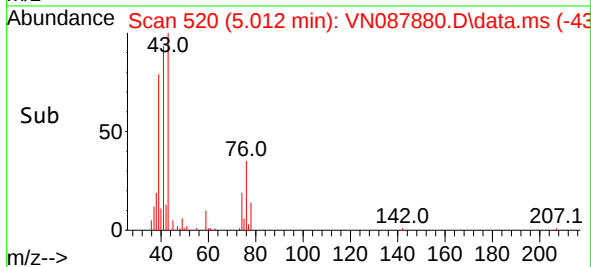
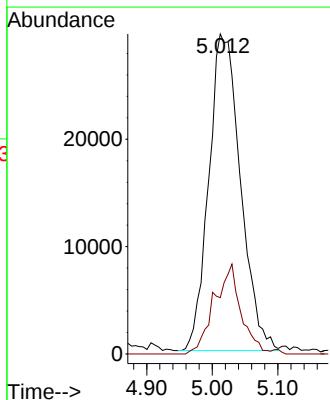
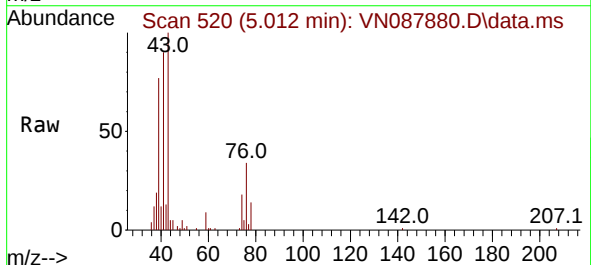
Instrument :
MSVOA_N
ClientSampleId :

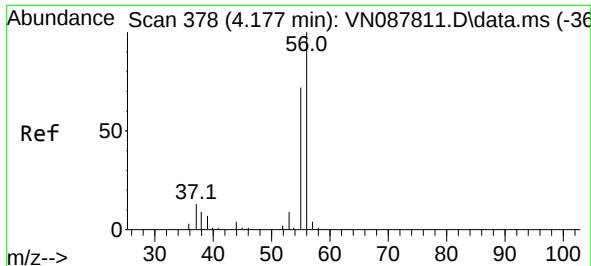
Tgt Ion:142 Resp: 30213
Ion Ratio Lower Upper
142 100
127 46.8 27.9 83.7
141 14.3 9.6 28.8



#12
Methyl Acetate
Concen: 21.205 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion: 43 Resp: 99186
Ion Ratio Lower Upper
43 100
74 17.1 17.5 26.3#

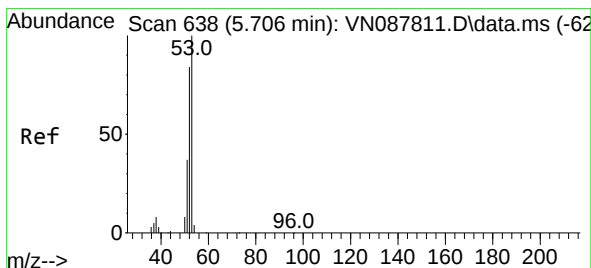
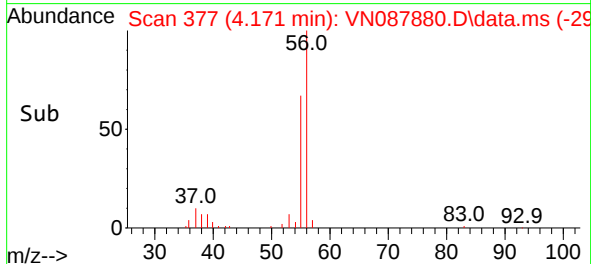
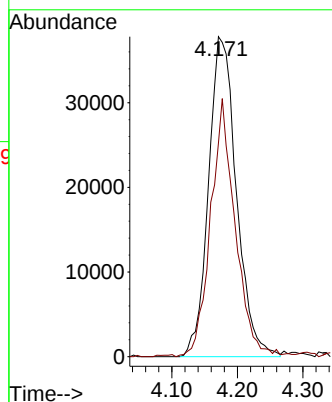
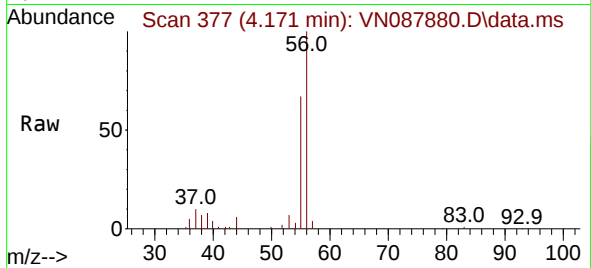




#13
Acrolein
Concen: 134.163 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

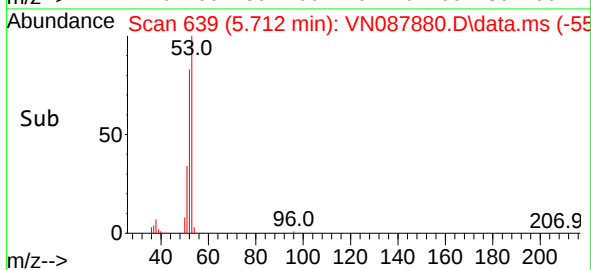
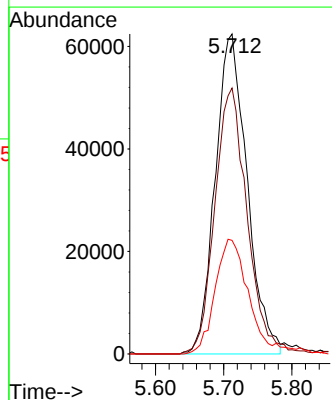
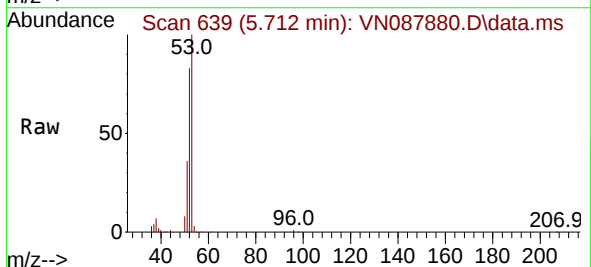
Instrument :
MSVOA_N
ClientSampleId :

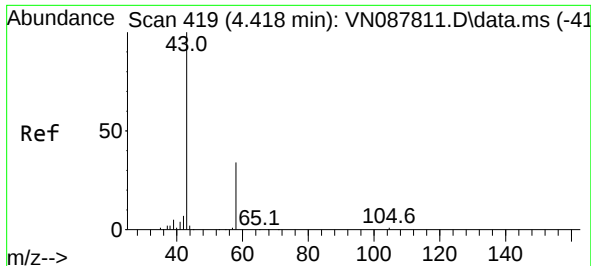
Tgt Ion: 56 Resp: 111733
Ion Ratio Lower Upper
56 100
55 70.2 28.6 42.8#



#14
Acrylonitrile
Concen: 100.705 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion: 53 Resp: 202752
Ion Ratio Lower Upper
53 100
52 83.9 40.9 122.7
51 36.5 18.1 54.1





#15

Acetone

Concen: 155.406 ug/l

RT: 4.430 min Scan# 419

Delta R.T. -0.000 min

Lab File: VN087880.D

Acq: 17 Sep 2025 15:18

Instrument :

MSVOA_N

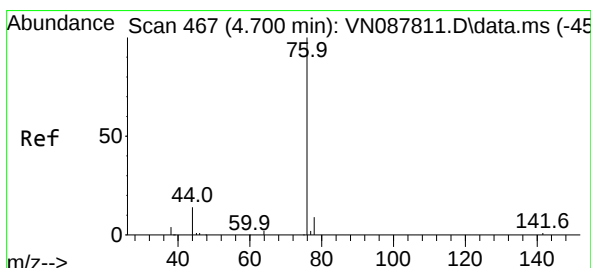
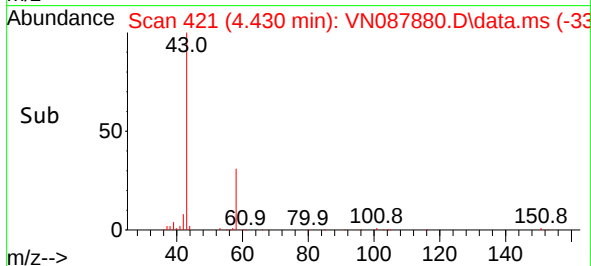
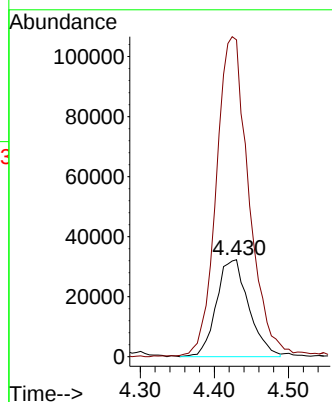
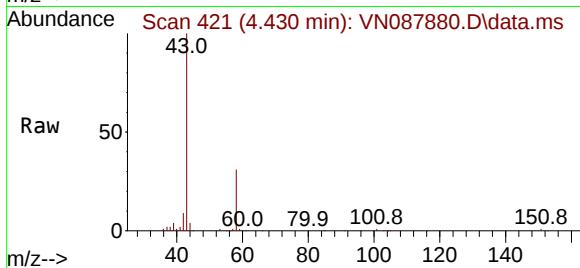
ClientSampleId :

Tgt Ion: 58 Resp: 97606

Ion Ratio Lower Upper

58 100

43 325.3 250.6 376.0



#16

Carbon Disulfide

Concen: 16.839 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.000 min

Lab File: VN087880.D

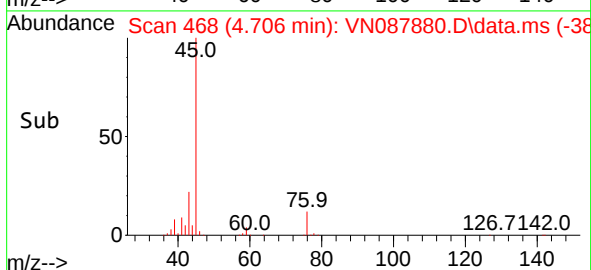
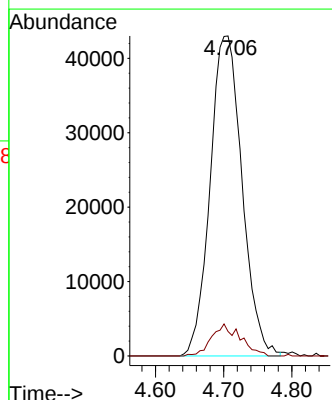
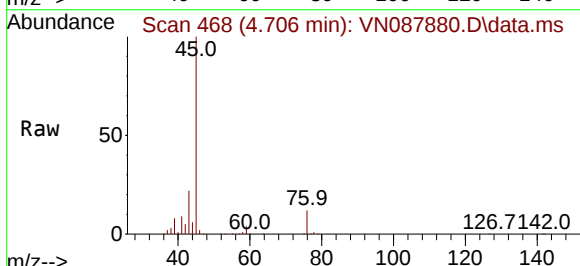
Acq: 17 Sep 2025 15:18

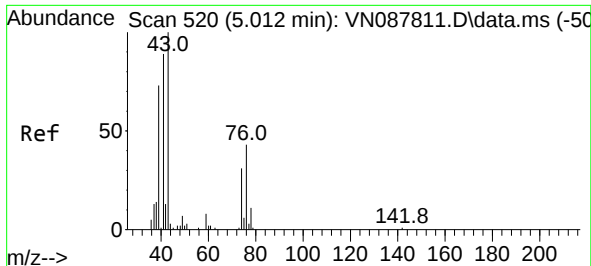
Tgt Ion: 76 Resp: 140289

Ion Ratio Lower Upper

76 100

78 7.7 5.0 7.6#





#17

Allyl chloride

Concen: 18.558 ug/l

RT: 5.012 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN087880.D

Acq: 17 Sep 2025 15:18

Instrument :

MSVOA_N

ClientSampleId :

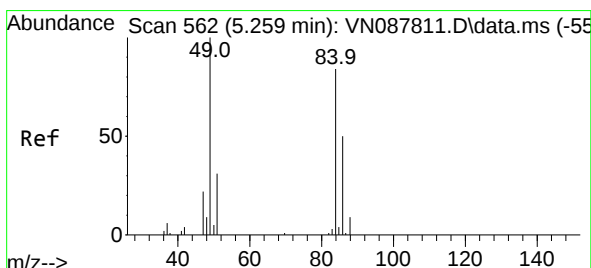
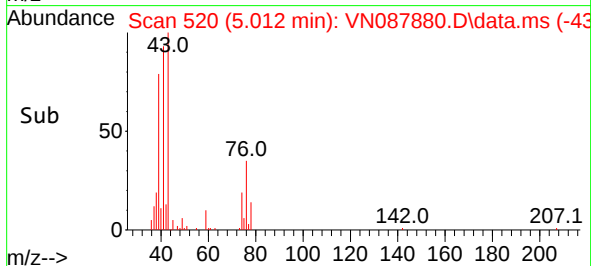
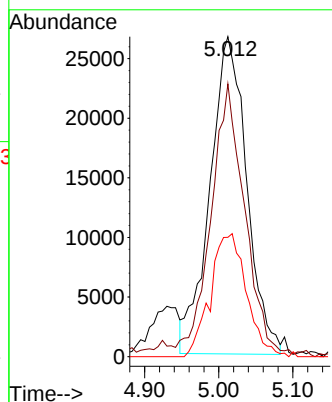
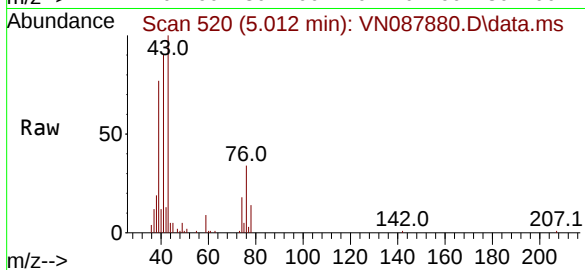
Tgt Ion: 41 Resp: 91975

Ion Ratio Lower Upper

41 100

39 86.5 36.7 110.1

76 38.7 18.3 54.8



#18

Methylene Chloride

Concen: 19.490 ug/l

RT: 5.259 min Scan# 562

Delta R.T. -0.006 min

Lab File: VN087880.D

Acq: 17 Sep 2025 15:18

Tgt Ion: 84 Resp: 66990

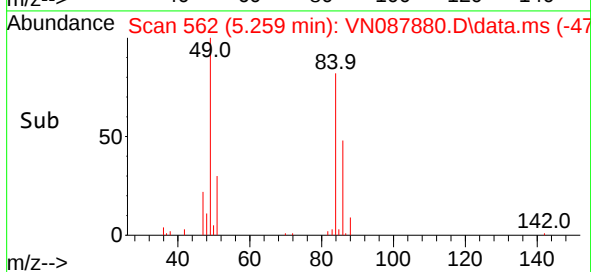
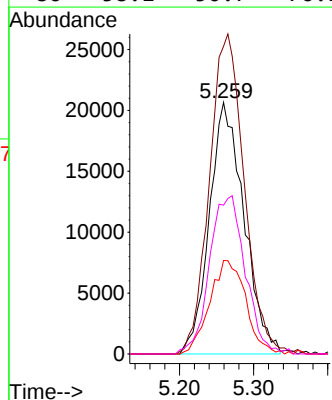
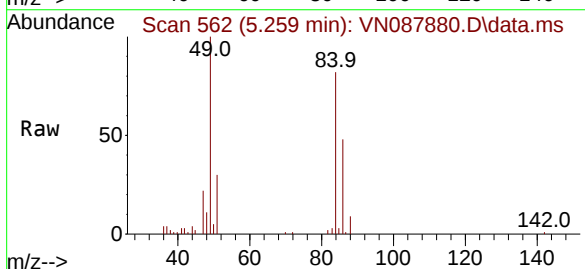
Ion Ratio Lower Upper

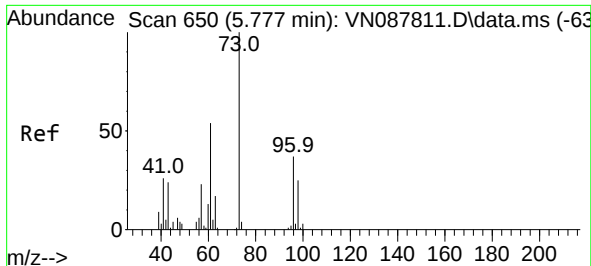
84 100

49 121.4 114.1 171.1

51 37.1 30.2 45.4

86 58.1 50.7 76.1

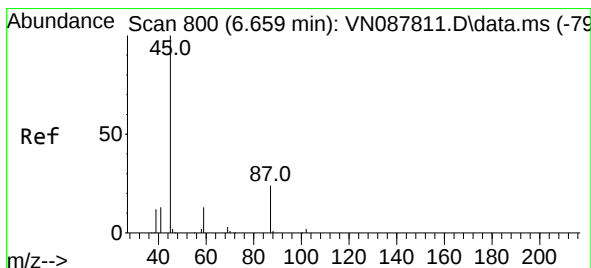
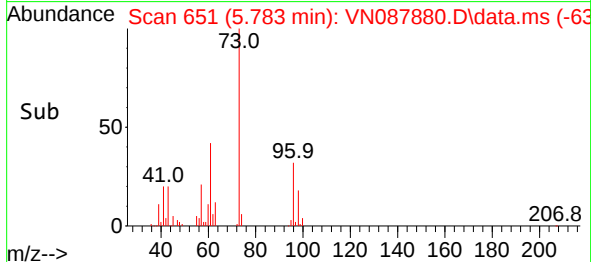
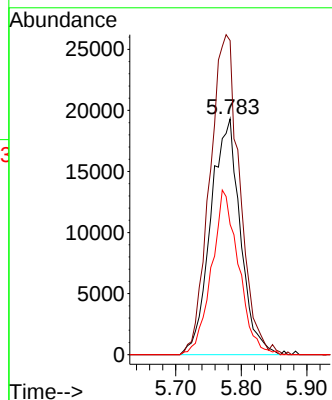
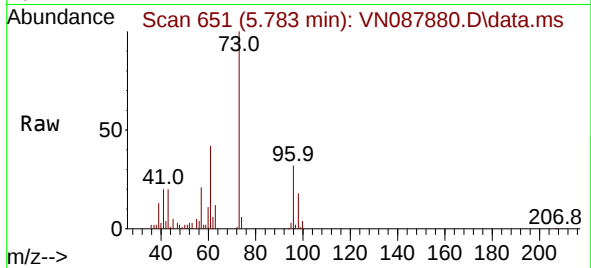




#19
trans-1,2-Dichloroethene
Concen: 19.576 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

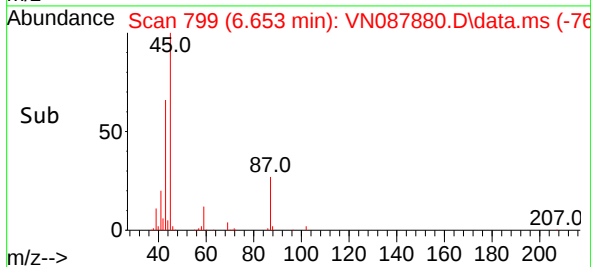
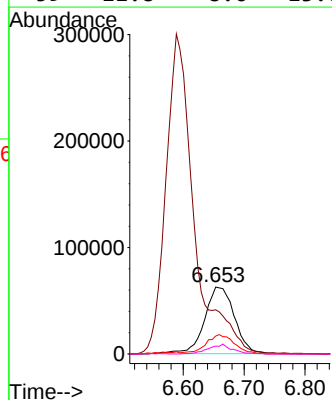
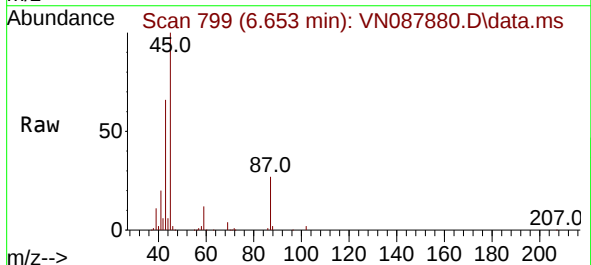
Instrument :
MSVOA_N
ClientSampleId :

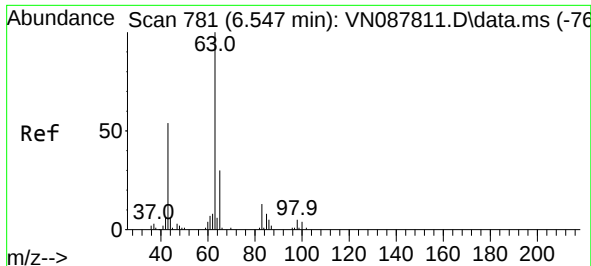
Tgt Ion: 96 Resp: 60582
Ion Ratio Lower Upper
96 100
61 133.2 106.4 159.6
98 55.3 48.9 73.3



#20
Diisopropyl ether
Concen: 18.344 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion: 45 Resp: 209067
Ion Ratio Lower Upper
45 100
43 65.1 49.5 74.3
87 26.9 18.8 28.2
59 11.8 8.6 13.0





#21

1,1-Dichloroethane

Concen: 19.776 ug/l

RT: 6.553 min Scan# 71

Delta R.T. -0.000 min MSVOA_N

Lab File: VN087880.D

Acq: 17 Sep 2025 15:18

Instrument :

MSVOA_N

ClientSampleId :

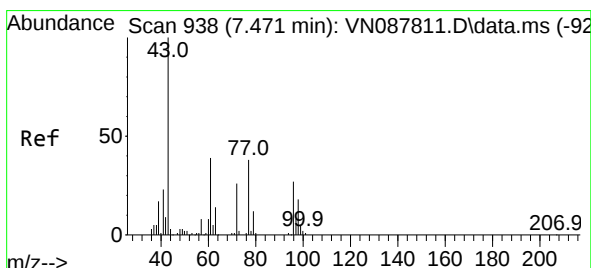
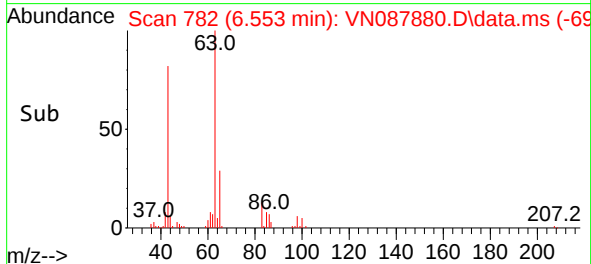
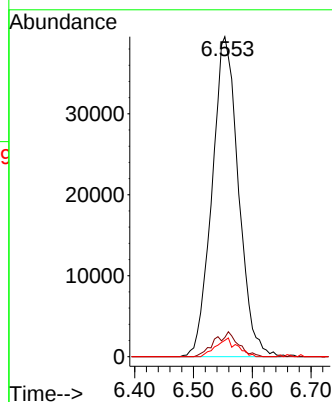
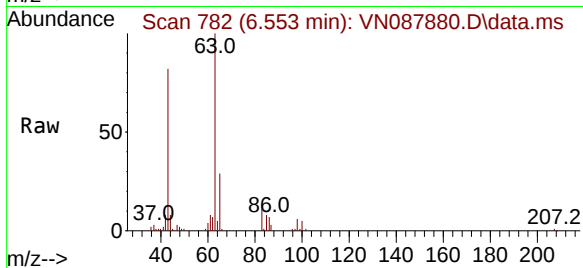
Tgt Ion: 63 Resp: 123424

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

100 5.1 1.8 5.3



#22

cis-1,2-Dichloroethene

Concen: 19.750 ug/l

RT: 7.471 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN087880.D

Acq: 17 Sep 2025 15:18

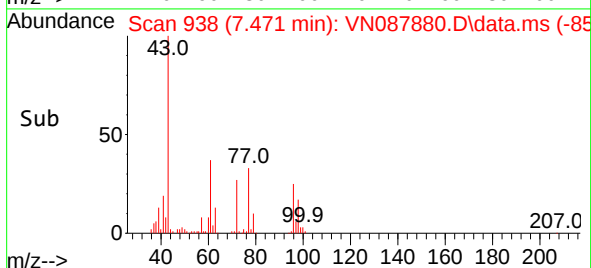
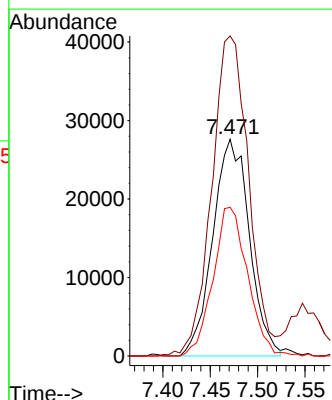
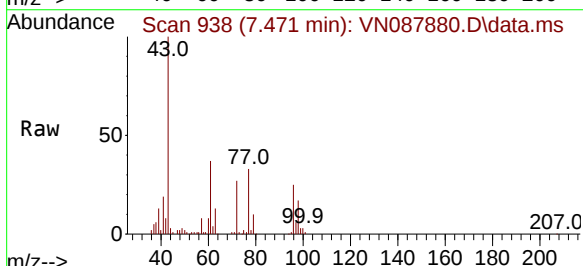
Tgt Ion: 96 Resp: 74188

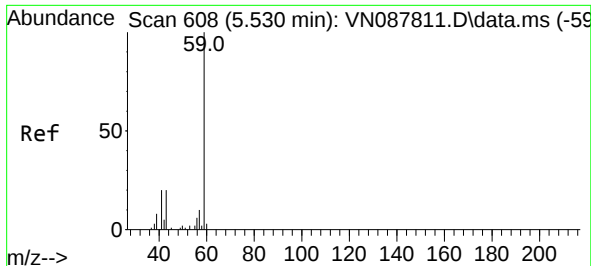
Ion Ratio Lower Upper

96 100

61 148.6 118.2 177.2

98 64.4 51.6 77.4

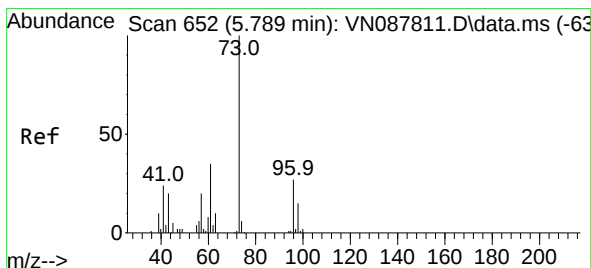
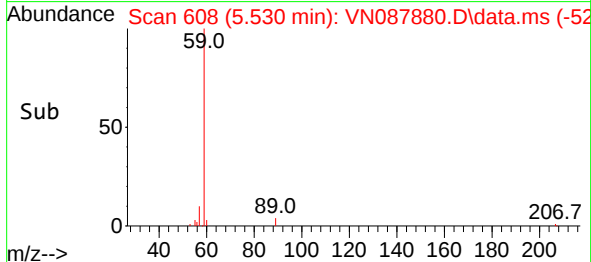
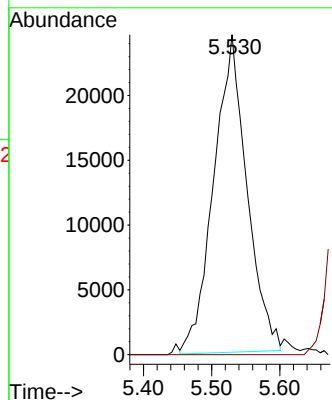
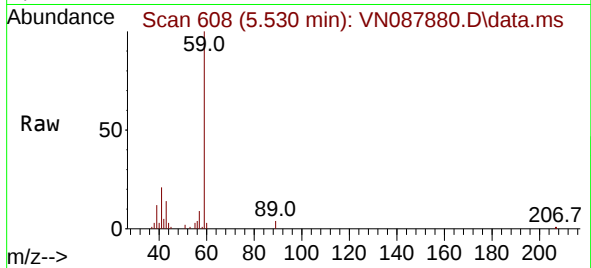




#23
tert-Butyl Alcohol
Concen: 116.426 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

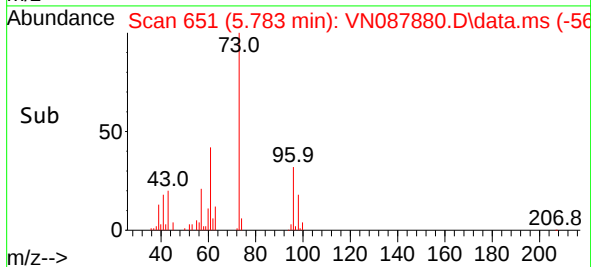
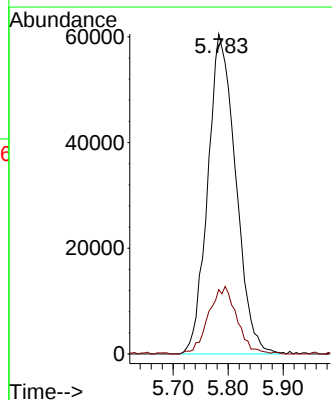
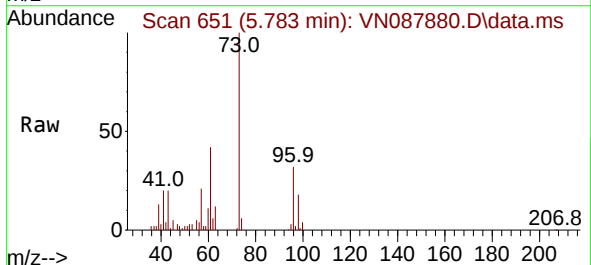
Instrument :
MSVOA_N
ClientSampleId :

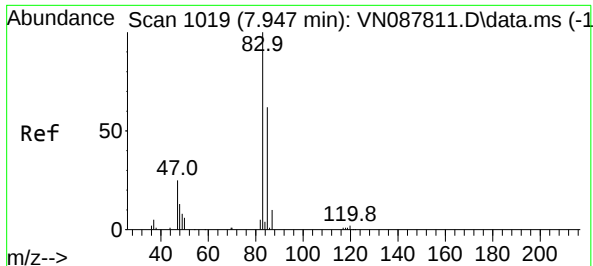
Tgt Ion: 59 Resp: 82861
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.746 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion: 73 Resp: 213911
Ion Ratio Lower Upper
73 100
43 20.4 16.8 25.2





#25

Chloroform

Concen: 24.739 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087880.D

Acq: 17 Sep 2025 15:18

Instrument :

MSVOA_N

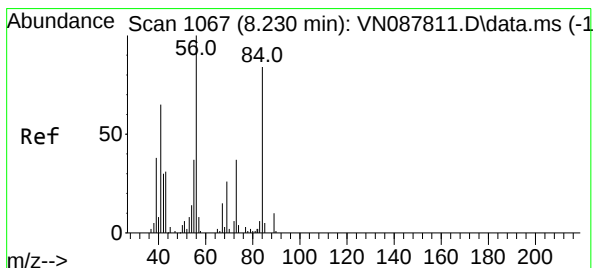
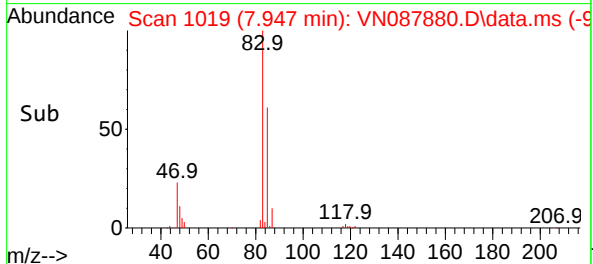
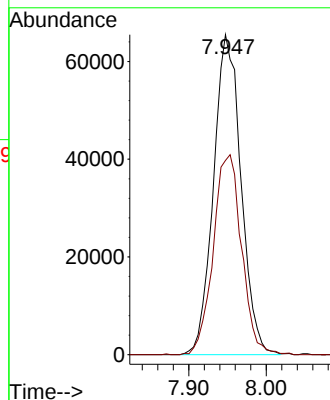
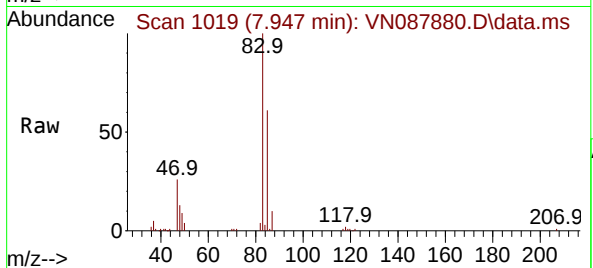
ClientSampleId :

Tgt Ion: 83 Resp: 161620

Ion Ratio Lower Upper

83 100

85 60.7 47.7 71.5



#26

Cyclohexane

Concen: 17.298 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VN087880.D

Acq: 17 Sep 2025 15:18

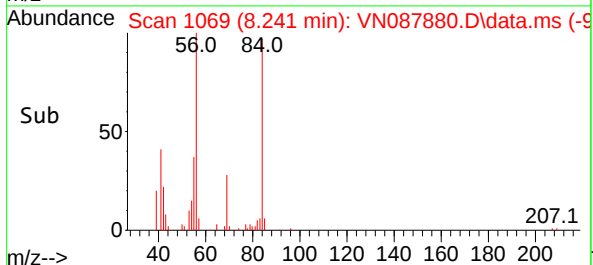
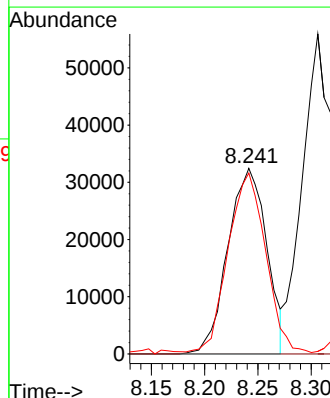
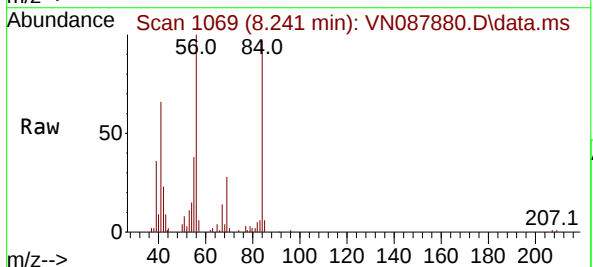
Tgt Ion: 56 Resp: 82218

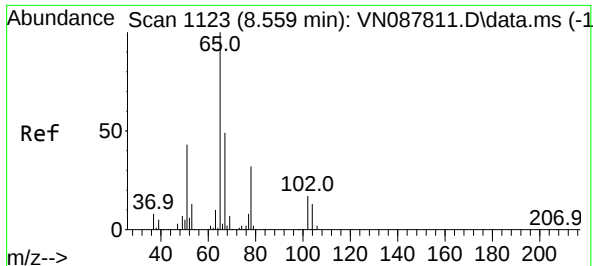
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 95.3 69.4 104.2

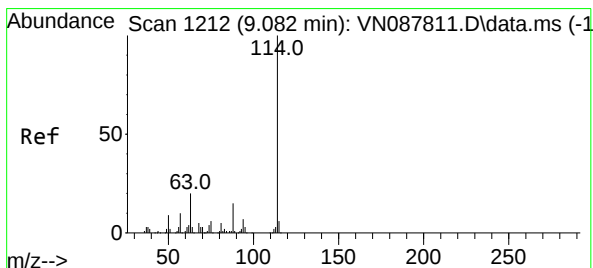
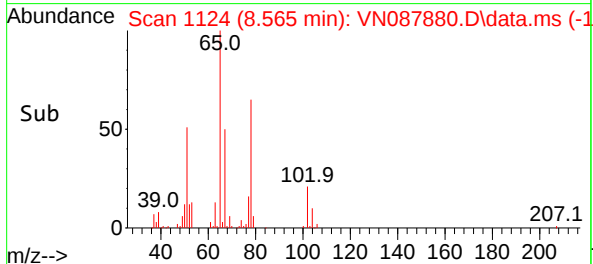
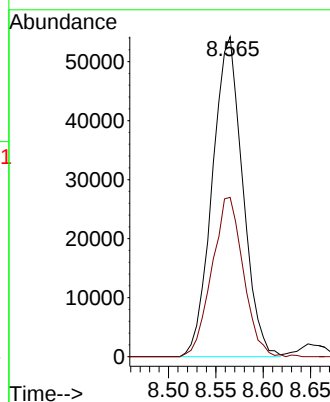
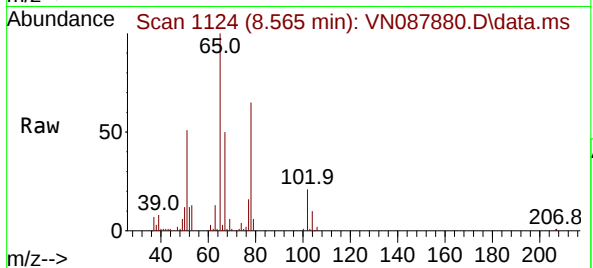




#27
1,2-Dichloroethane-d4
Concen: 28.177 ug/l
RT: 8.565 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

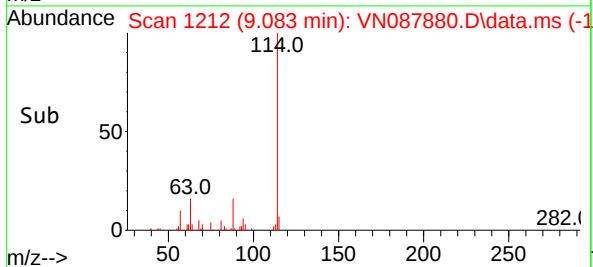
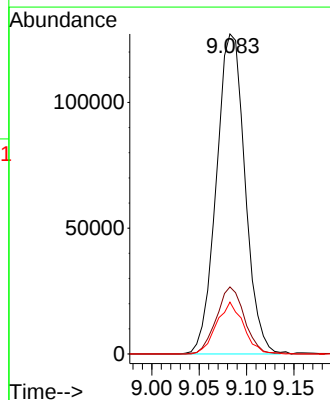
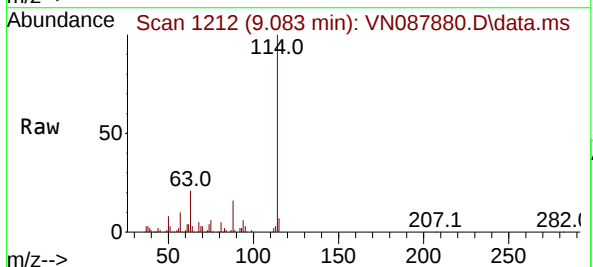
Instrument :
MSVOA_N
ClientSampleId :

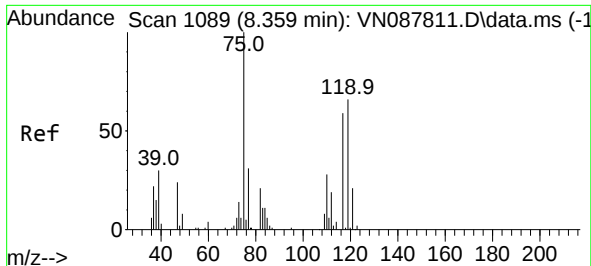
Tgt Ion: 65 Resp: 120981
Ion Ratio Lower Upper
65 100
67 51.4 39.6 59.4



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion:114 Resp: 267467
Ion Ratio Lower Upper
114 100
63 20.4 18.3 27.5
88 15.3 12.4 18.6

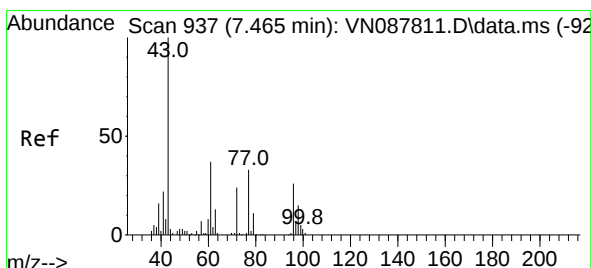
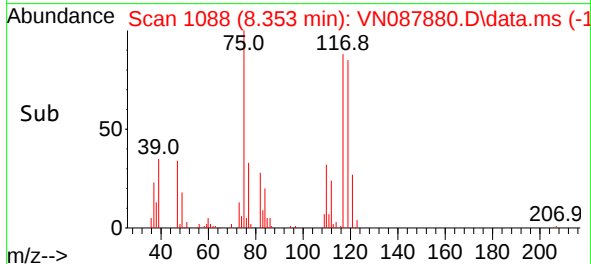
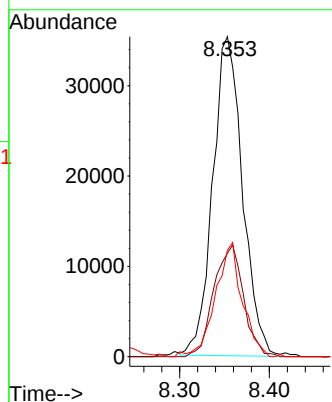
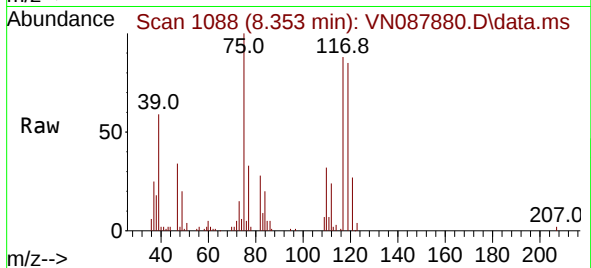




#29
1,1-Dichloropropene
Concen: 18.730 ug/l
RT: 8.353 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

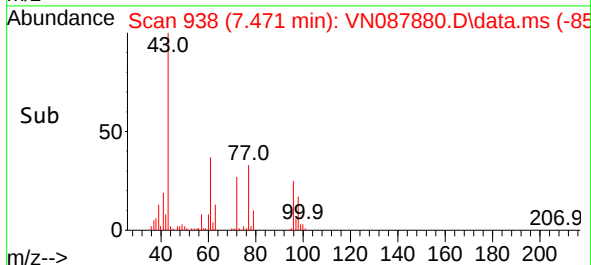
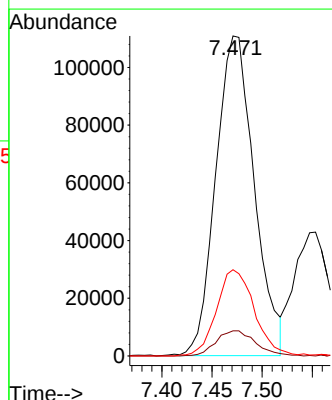
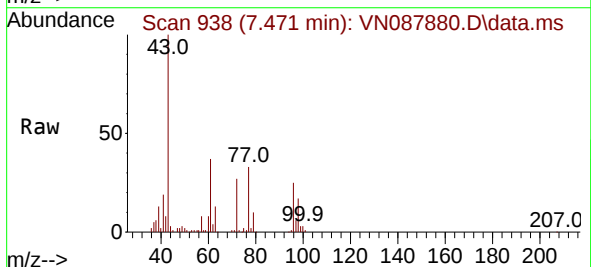
Instrument :
MSVOA_N
ClientSampleId :

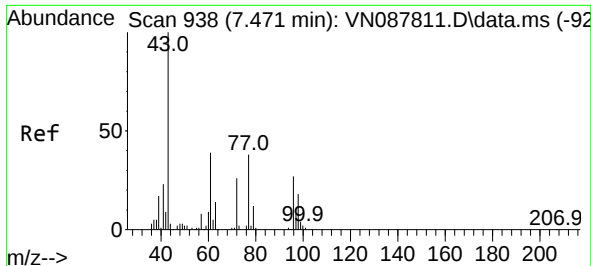
Tgt Ion: 75 Resp: 81418
Ion Ratio Lower Upper
75 100
110 34.7 0.0 64.4
77 31.9 0.0 62.2



#30
2-Butanone
Concen: 98.808 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion: 43 Resp: 295870
Ion Ratio Lower Upper
43 100
57 8.1 6.3 9.5
72 26.4 21.4 32.2

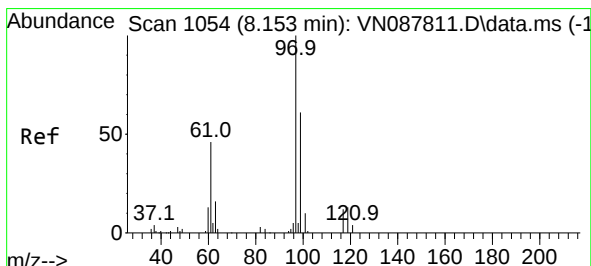
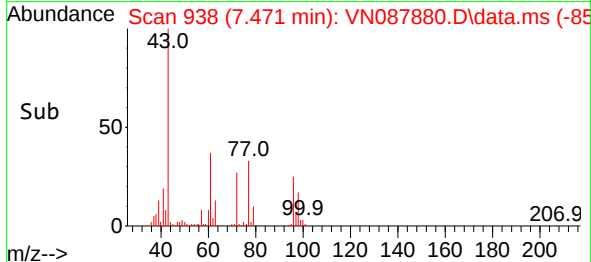
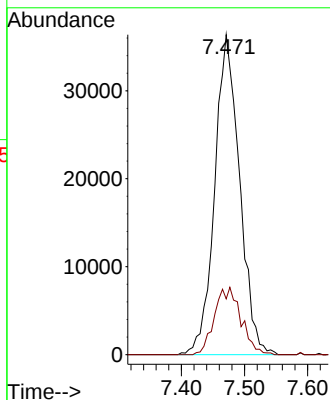
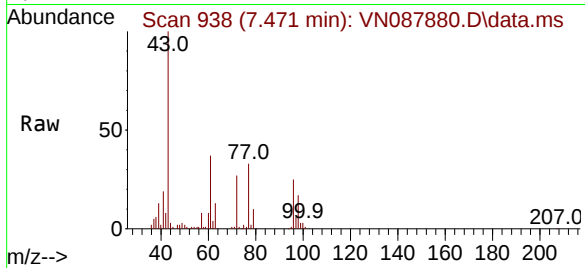




#31
2,2-Dichloropropane
Concen: 19.008 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

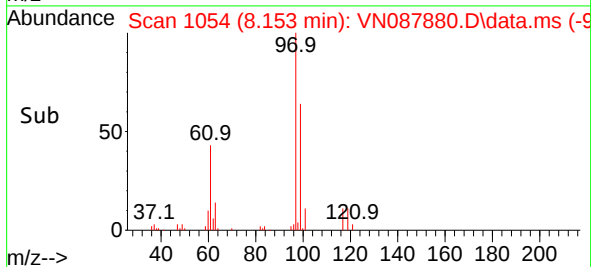
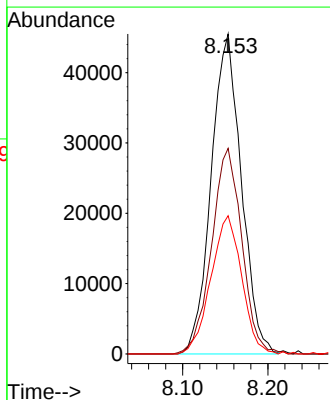
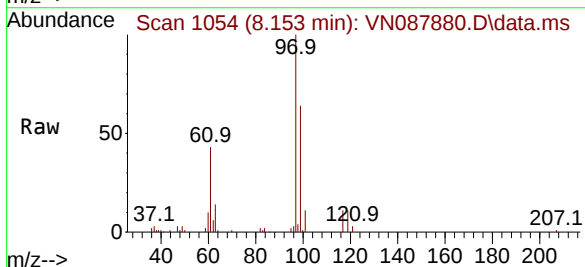
Instrument :
MSVOA_N
ClientSampleId :

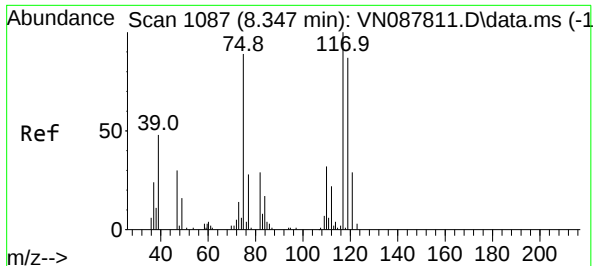
Tgt Ion: 77 Resp: 99599
Ion Ratio Lower Upper
77 100
97 11.1 17.1 25.7#



#32
1,1,1-Trichloroethane
Concen: 20.324 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

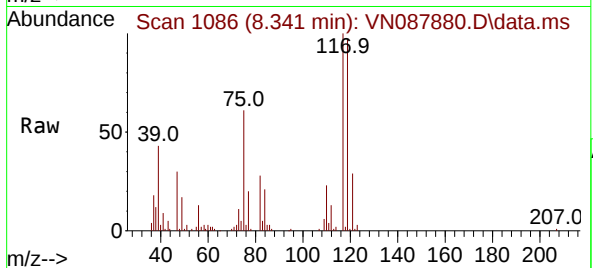
Tgt Ion: 97 Resp: 112002
Ion Ratio Lower Upper
97 100
99 64.4 52.2 78.4
61 44.1 37.9 56.9



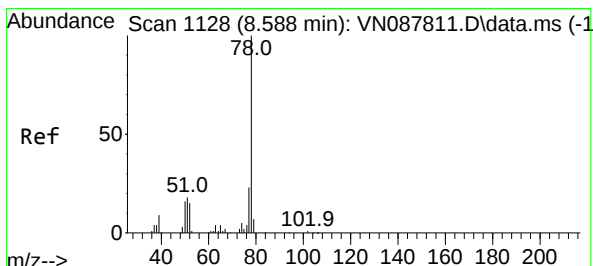
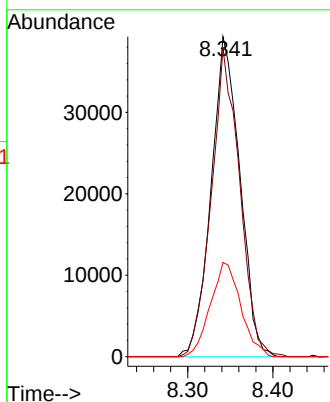
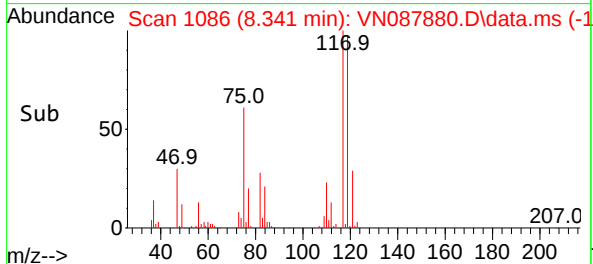


#33
Carbon Tetrachloride
Concen: 20.081 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Instrument :
MSVOA_N
ClientSampleId :

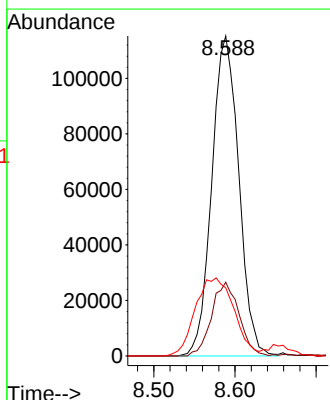
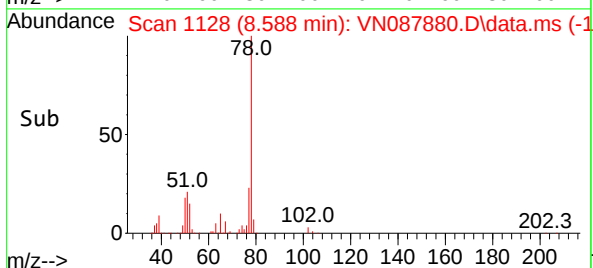
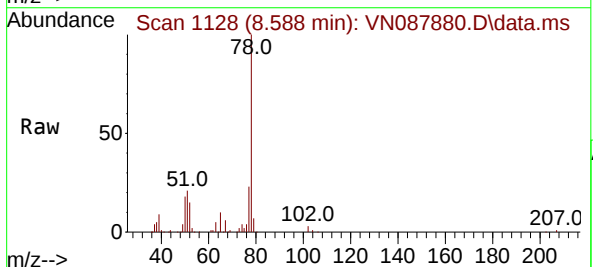


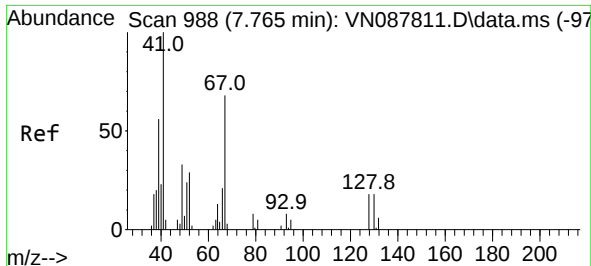
Tgt Ion:117 Resp: 92270
Ion Ratio Lower Upper
117 100
119 96.6 77.3 115.9
121 29.4 26.6 39.8



#34
Benzene
Concen: 18.948 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion: 78 Resp: 266187
Ion Ratio Lower Upper
78 100
77 23.1 20.3 30.5
51 19.7 18.0 27.0

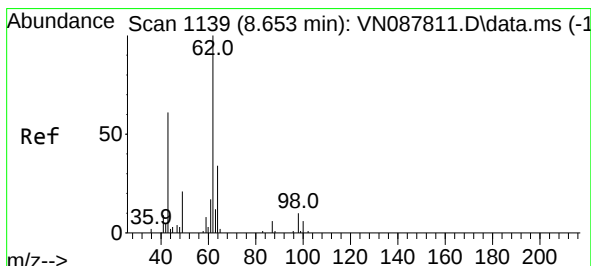
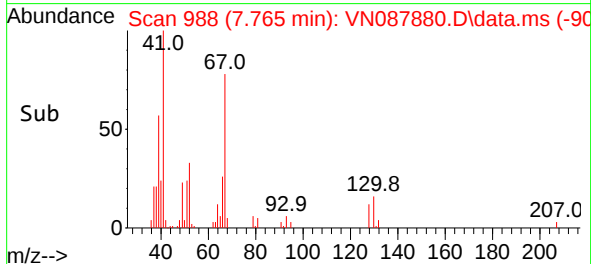
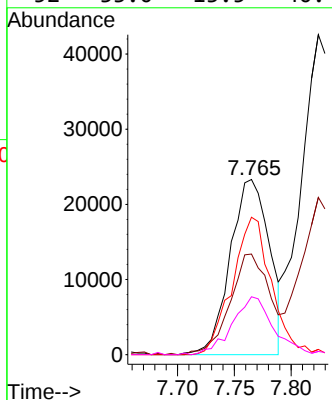
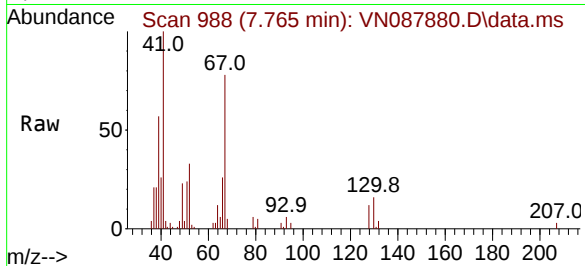




#35
Methacrylonitrile
Concen: 17.886 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

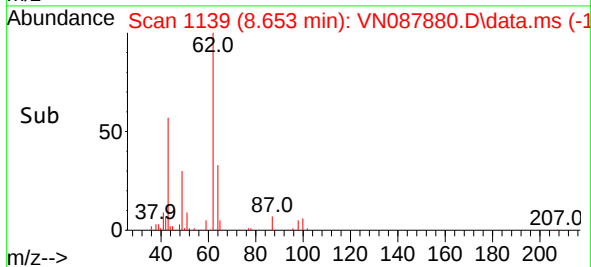
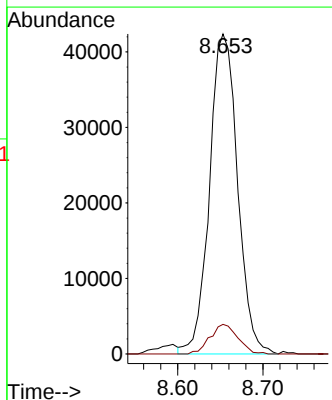
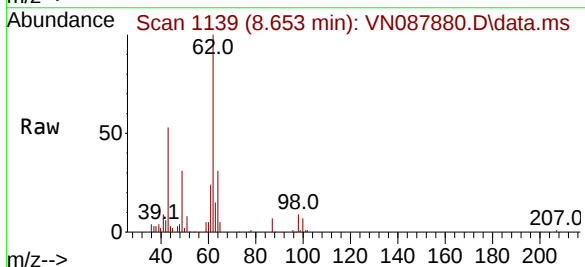
Instrument :
MSVOA_N
ClientSampleId :

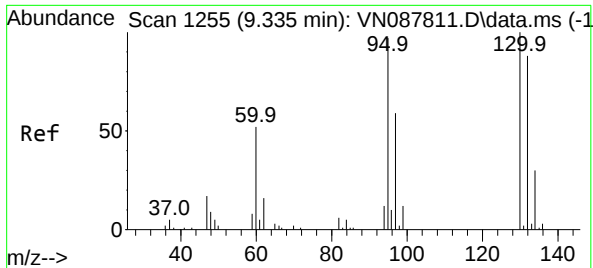
Tgt Ion:	41	Resp:	56022
Ion	Ratio	Lower	Upper
41	100		
39	57.4	27.1	81.2
67	78.5	32.1	96.5
52	33.0	13.5	40.4



#36
1,2-Dichloroethane
Concen: 18.269 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion:	62	Resp:	96944
Ion	Ratio	Lower	Upper
62	100		
98	9.1	7.2	10.8

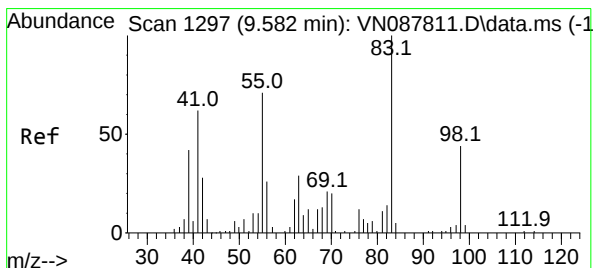
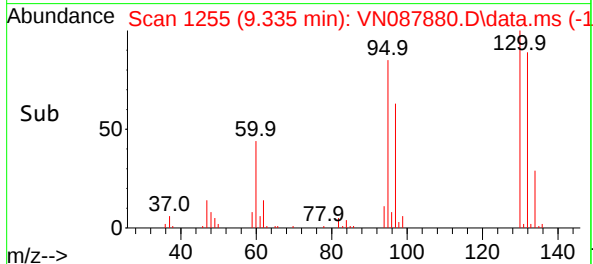
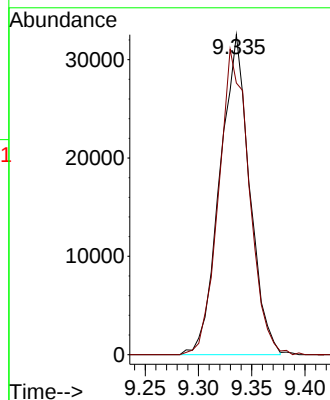
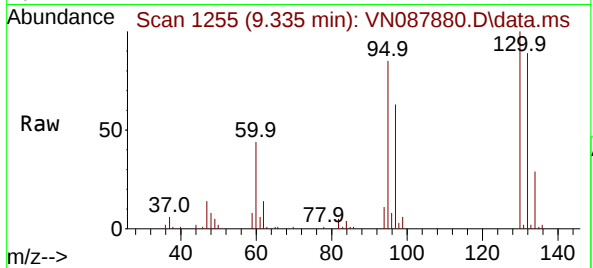




#37
Trichloroethene
Concen: 20.077 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

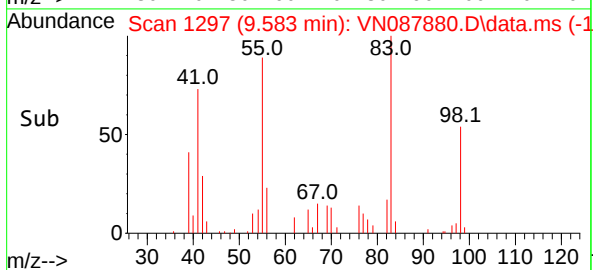
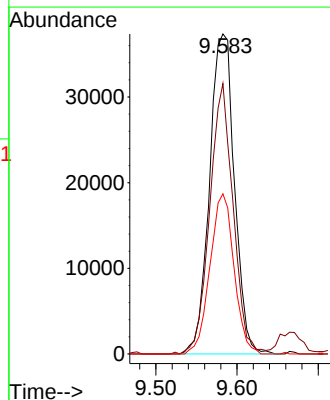
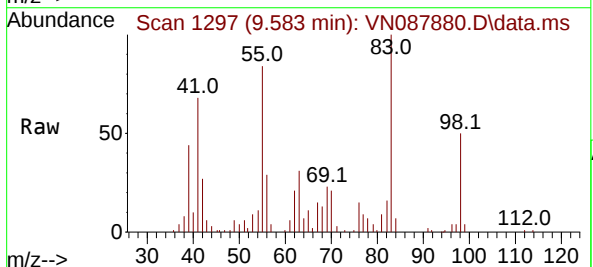
Instrument :
MSVOA_N
ClientSampleId :

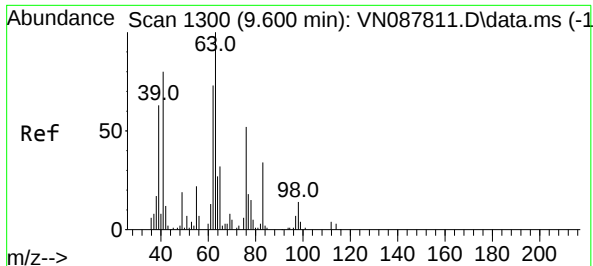
Tgt Ion:130 Resp: 63051
Ion Ratio Lower Upper
130 100
95 84.9 82.7 124.1



#38
Methylcyclohexane
Concen: 16.642 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion: 83 Resp: 79652
Ion Ratio Lower Upper
83 100
55 78.8 40.4 121.1
98 48.3 24.0 72.0

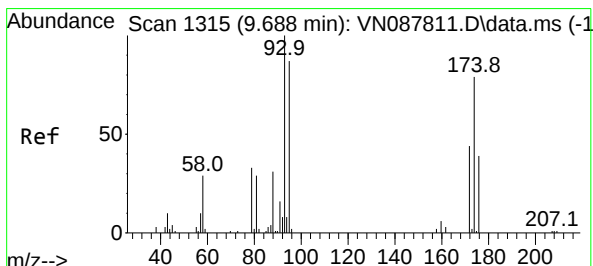
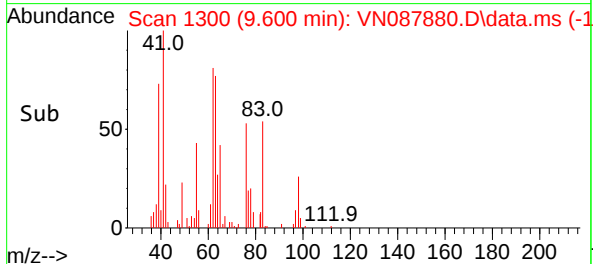
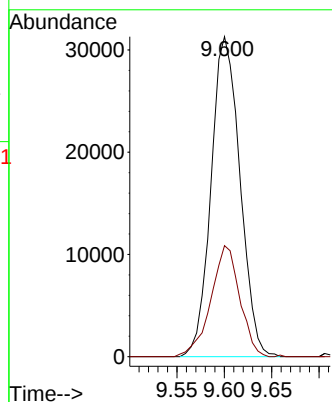
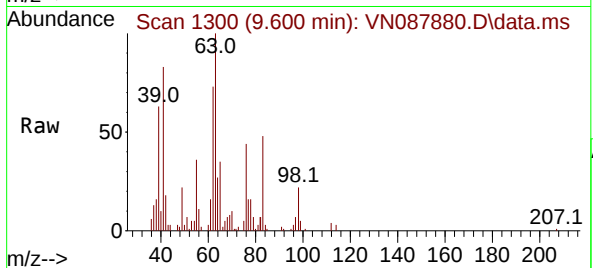




#39
1,2-Dichloropropane
Concen: 18.469 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

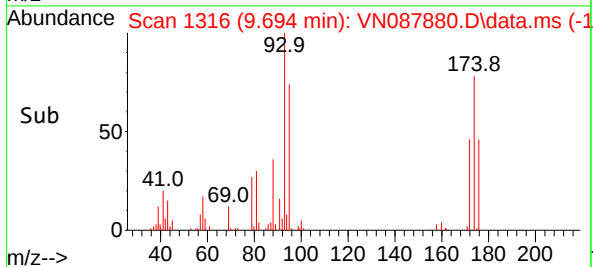
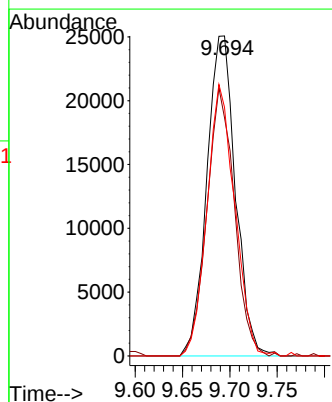
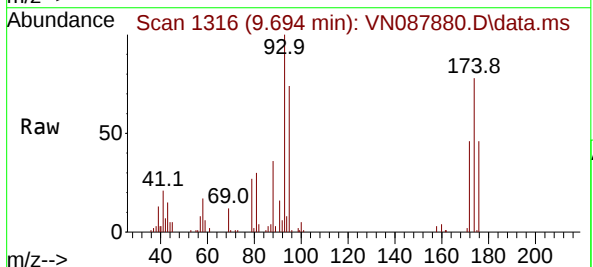
Instrument :
MSVOA_N
ClientSampleId :

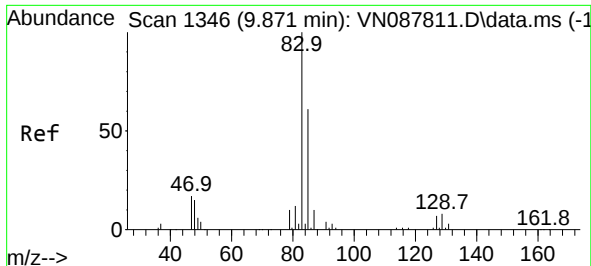
Tgt Ion: 63 Resp: 66454
Ion Ratio Lower Upper
63 100
65 34.2 24.1 36.1



#40
Dibromomethane
Concen: 19.717 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion: 93 Resp: 52797
Ion Ratio Lower Upper
93 100
95 79.9 0.0 168.4
174 82.2 0.0 162.8

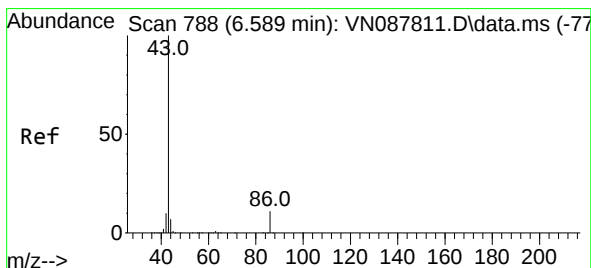
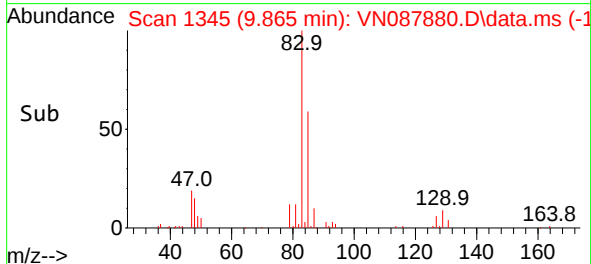
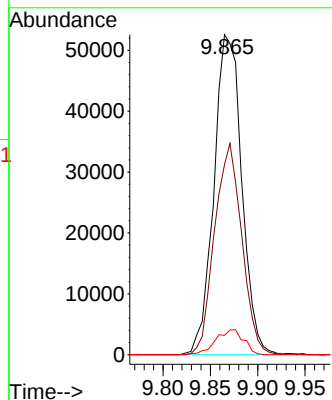
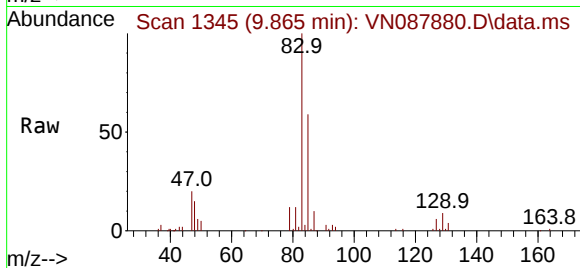




#41
Bromodichloromethane
Concen: 19.661 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

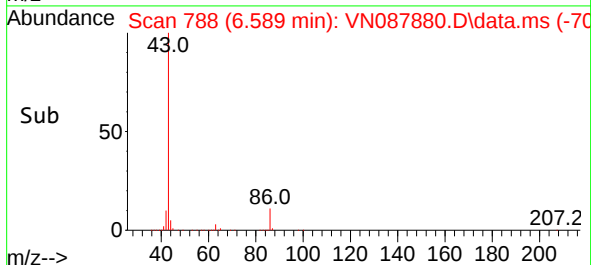
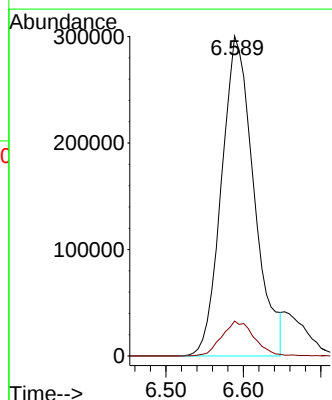
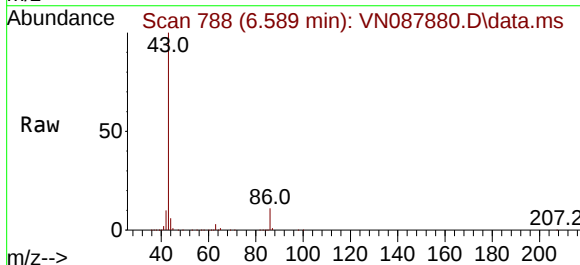
Instrument :
MSVOA_N
ClientSampleId :

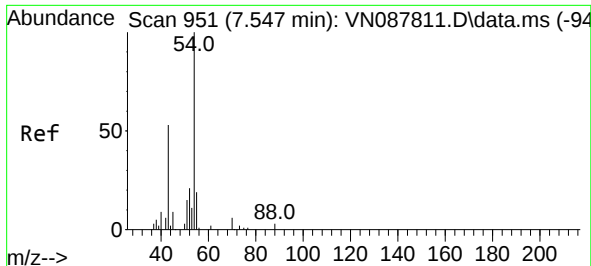
Tgt Ion: 83 Resp: 107603
Ion Ratio Lower Upper
83 100
85 59.4 47.3 70.9
127 6.1 5.2 7.8



#42
Vinyl Acetate
Concen: 87.392 ug/l
RT: 6.589 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

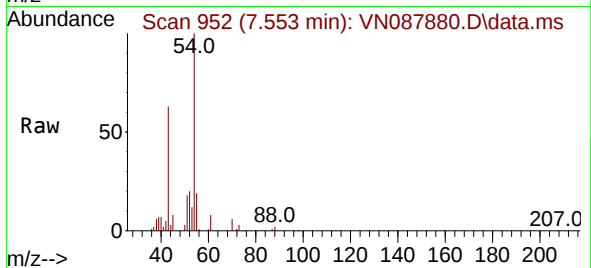
Tgt Ion: 43 Resp: 874343
Ion Ratio Lower Upper
43 100
86 10.8 7.7 11.5



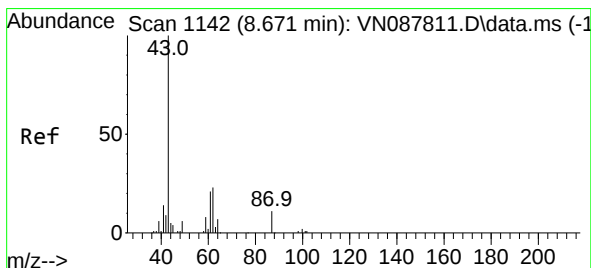
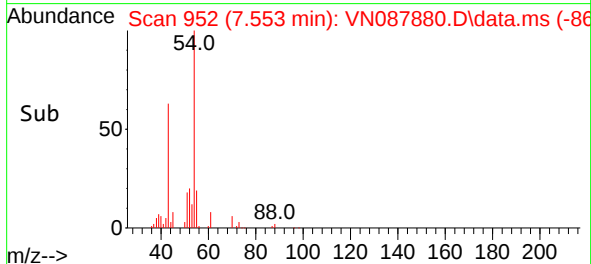
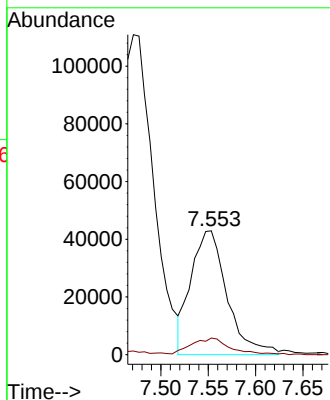


#43
Ethyl Acetate
Concen: 18.660 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Instrument :
MSVOA_N
ClientSampleId :

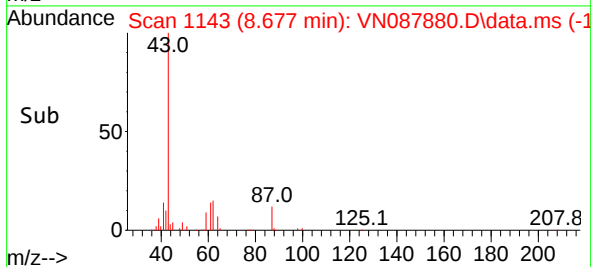
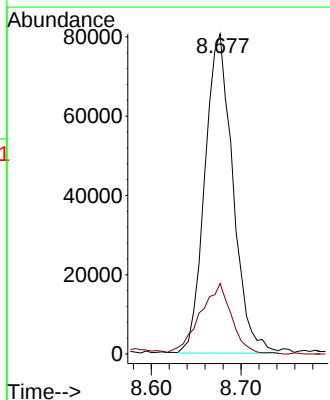
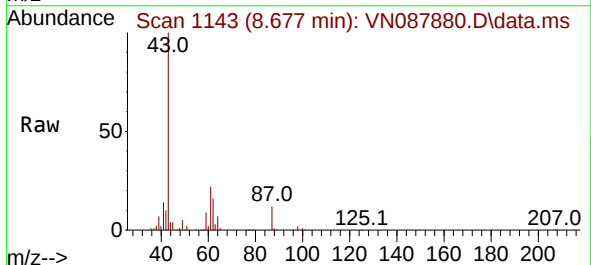


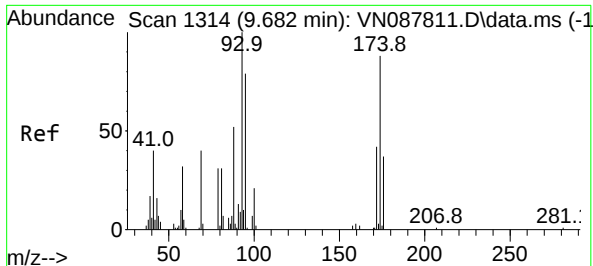
Tgt Ion: 43 Resp: 114160
Ion Ratio Lower Upper
43 100
45 13.9 10.5 15.7



#44
Isopropyl Acetate
Concen: 18.162 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion: 43 Resp: 174190
Ion Ratio Lower Upper
43 100
61 25.0 19.5 29.3

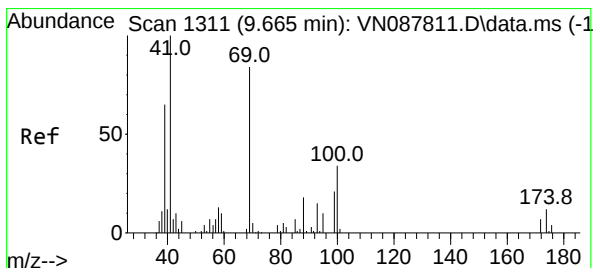
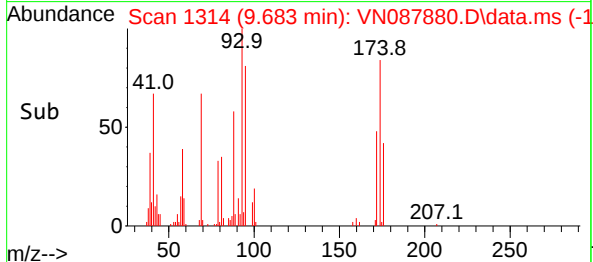
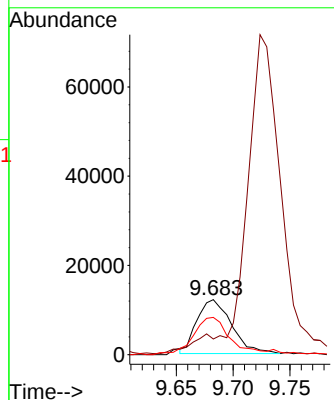
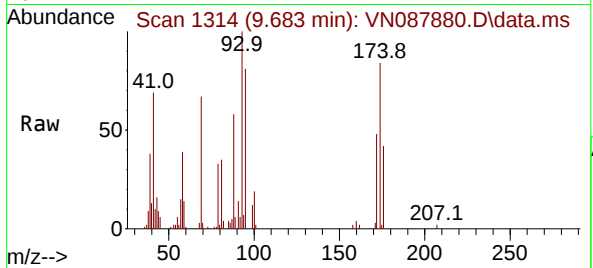




#45
1,4-Dioxane
Concen: 423.424 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

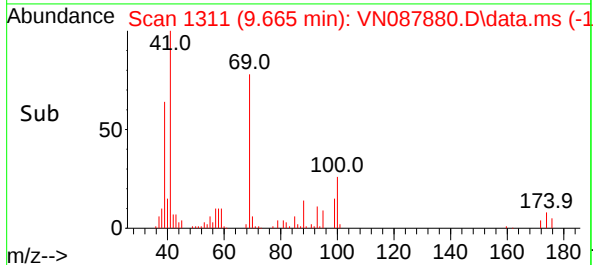
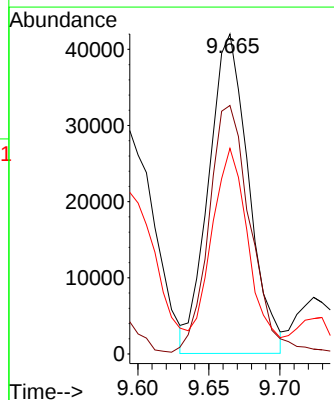
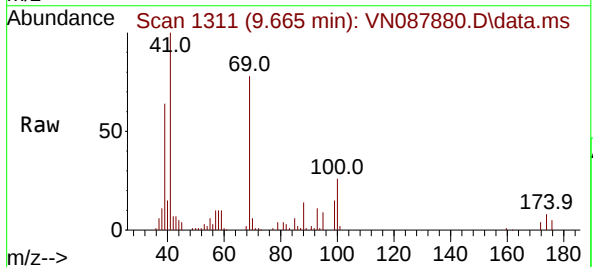
Instrument :
MSVOA_N
ClientSampleId :

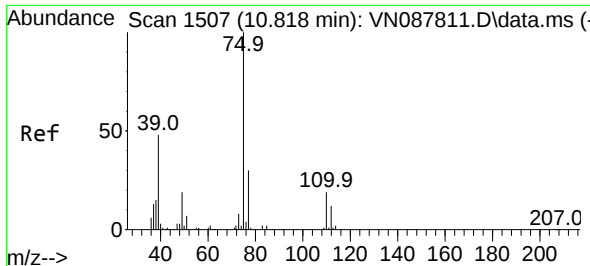
Tgt Ion: 88 Resp: 25610
Ion Ratio Lower Upper
88 100
43 35.0 23.6 35.4
58 71.6 60.5 90.7



#46
Methyl methacrylate
Concen: 18.595 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion: 41 Resp: 82205
Ion Ratio Lower Upper
41 100
69 81.1 40.3 120.9
39 63.5 31.9 95.9

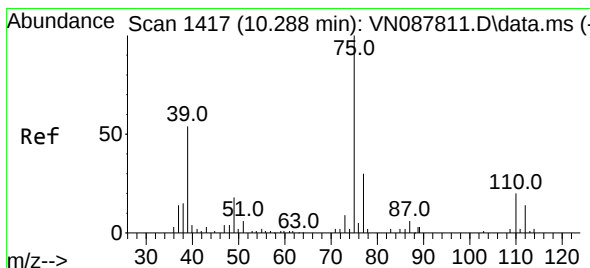
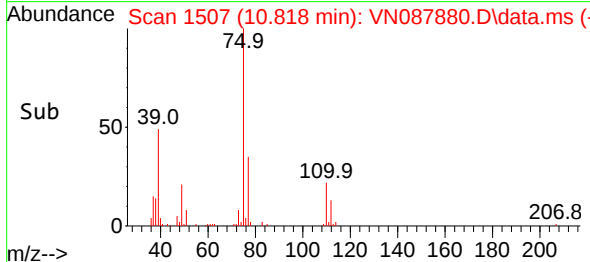
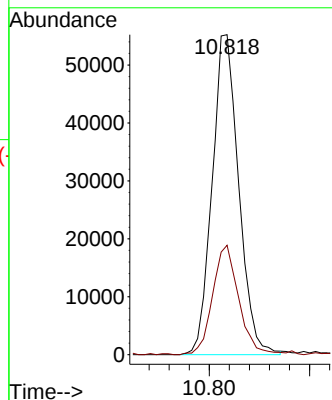
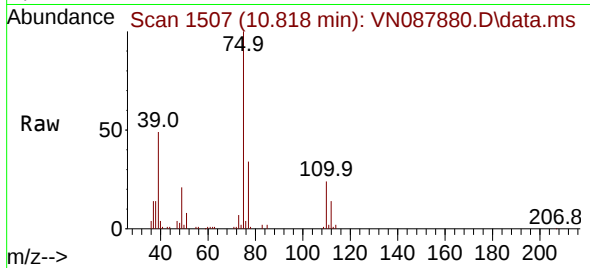




#48
t-1,3-Dichloropropene
Concen: 17.881 ug/l
RT: 10.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

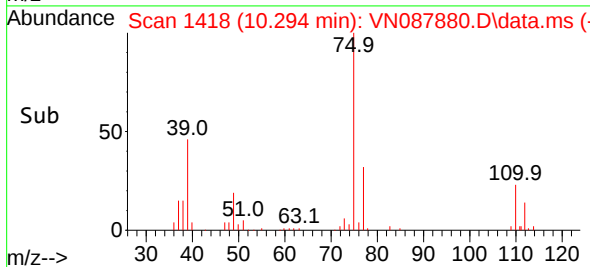
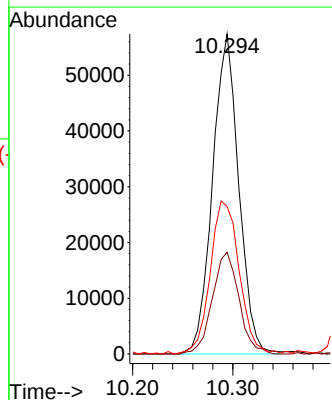
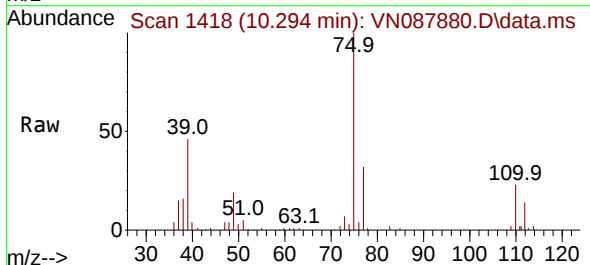
Instrument :
MSVOA_N
ClientSampleId :

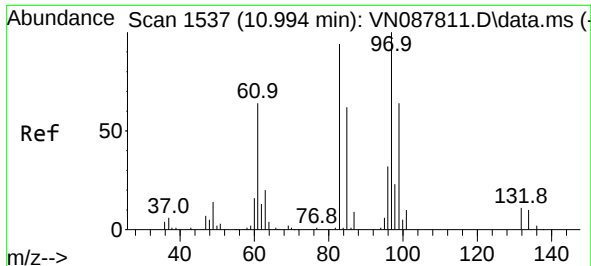
Tgt Ion: 75 Resp: 101642
Ion Ratio Lower Upper
75 100
77 34.2 24.7 37.1



#49
cis-1,3-Dichloropropene
Concen: 17.874 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

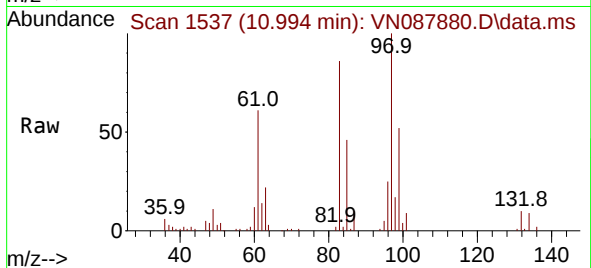
Tgt Ion: 75 Resp: 104063
Ion Ratio Lower Upper
75 100
77 31.8 27.8 41.6
39 45.8 47.6 71.4#



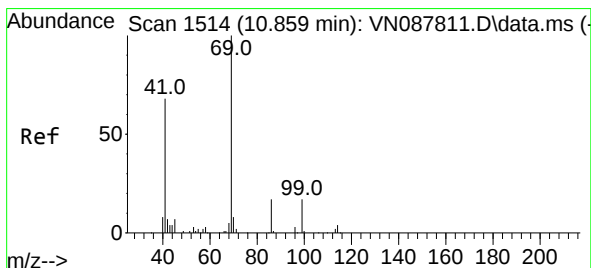
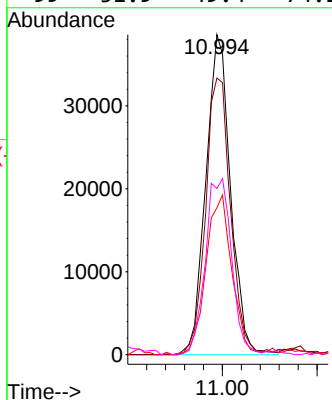
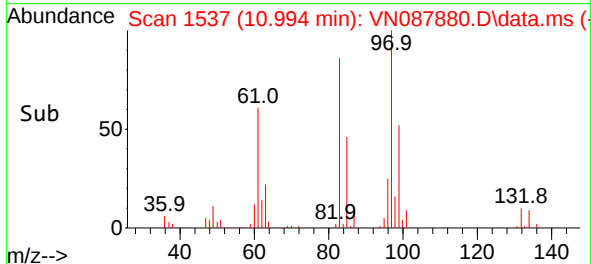


#50
1,1,2-Trichloroethane
Concen: 20.208 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Instrument :
MSVOA_N
ClientSampleId :

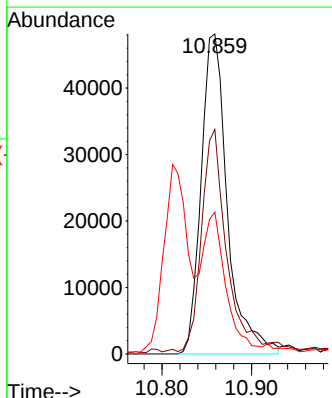
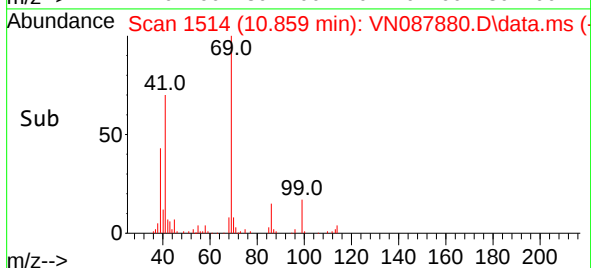
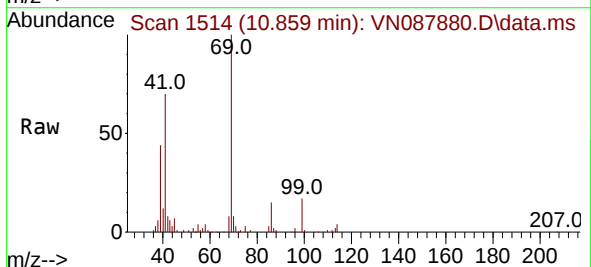


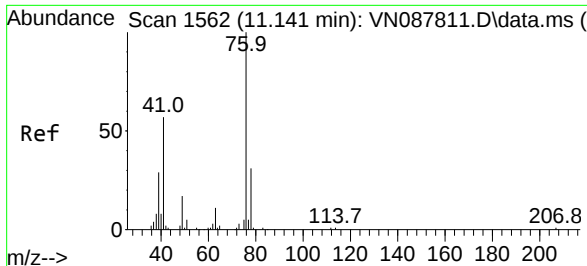
Tgt Ion:	97	Resp:	69888
Ion	Ratio	Lower	Upper
97	100		
83	86.4	70.5	105.7
85	45.4	46.3	69.5#
99	51.9	49.4	74.2



#51
Ethyl methacrylate
Concen: 18.191 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion:	69	Resp:	97913
Ion	Ratio	Lower	Upper
69	100		
41	69.4	33.7	101.0
39	42.6	20.3	60.9

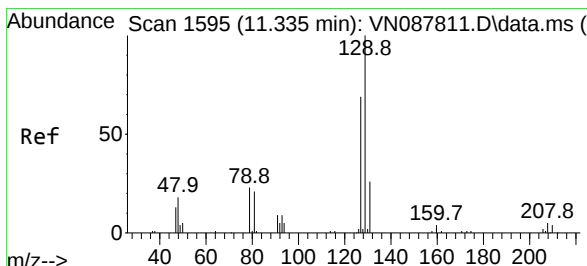
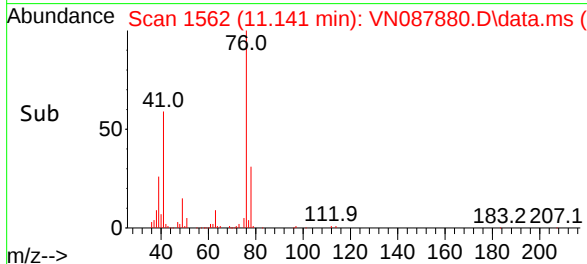
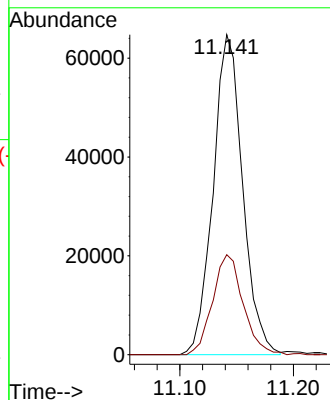
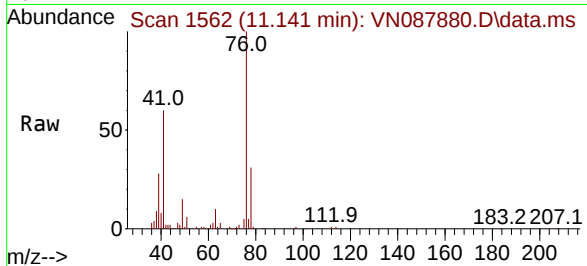




#52
1,3-Dichloropropane
Concen: 19.473 ug/l
RT: 11.141 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

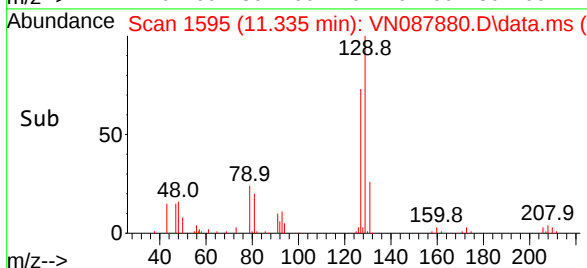
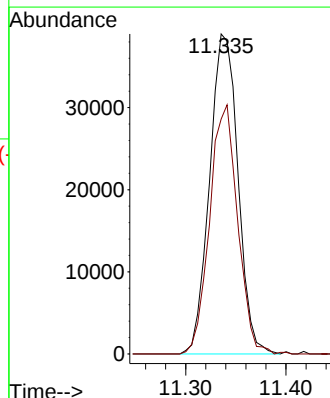
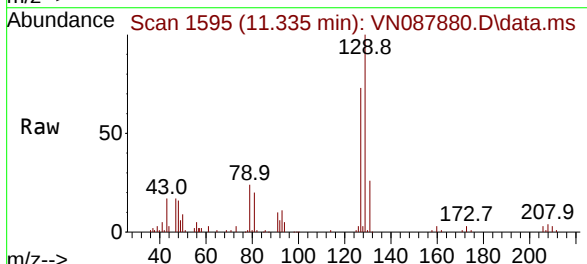
Instrument :
MSVOA_N
ClientSampleId :

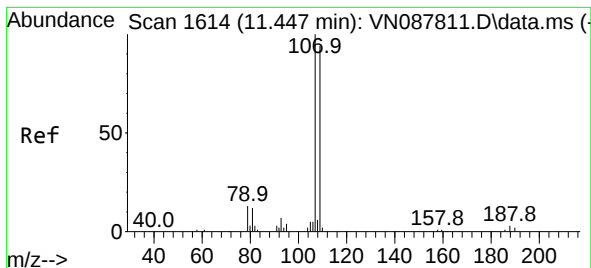
Tgt Ion: 76 Resp: 116949
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.2



#53
Dibromochloromethane
Concen: 19.762 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion:129 Resp: 76633
Ion Ratio Lower Upper
129 100
127 76.3 42.6 128.0





#54

1,2-Dibromoethane

Concen: 19.731 ug/l

RT: 11.447 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087880.D

Acq: 17 Sep 2025 15:18

Instrument :

MSVOA_N

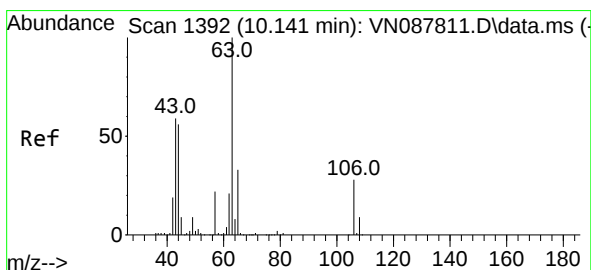
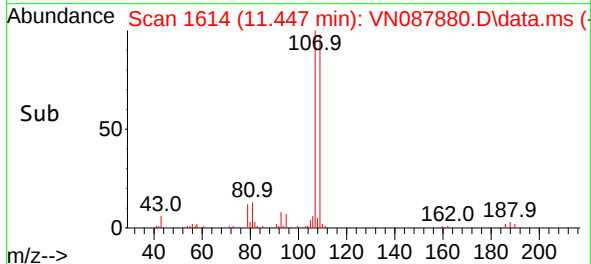
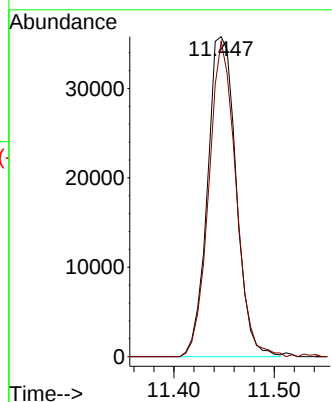
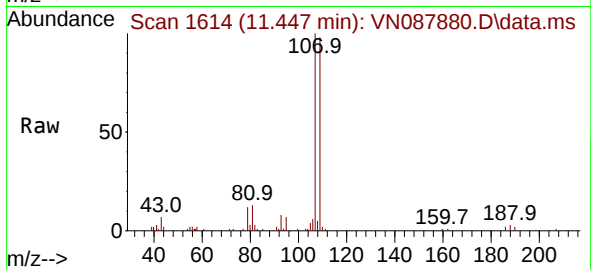
ClientSampleId :

Tgt Ion:107 Resp: 71008

Ion Ratio Lower Upper

107 100

109 93.4 74.6 112.0



#55

2-Chloroethyl vinyl ether

Concen: 0.236 ug/l

RT: 10.135 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VN087880.D

Acq: 17 Sep 2025 15:18

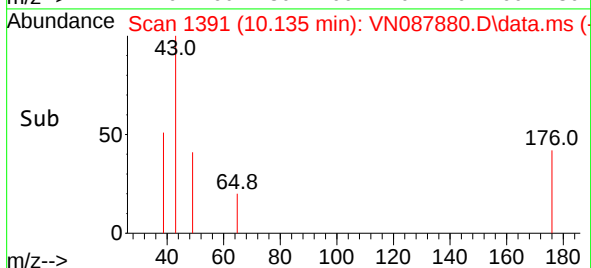
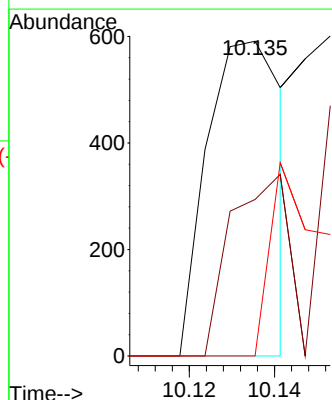
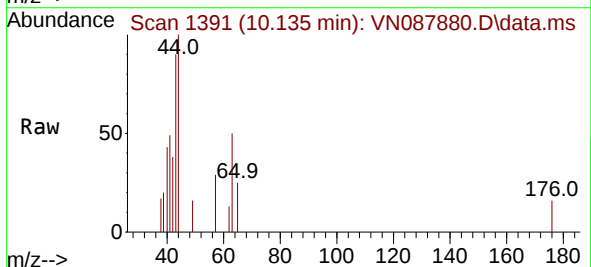
Tgt Ion: 63 Resp: 729

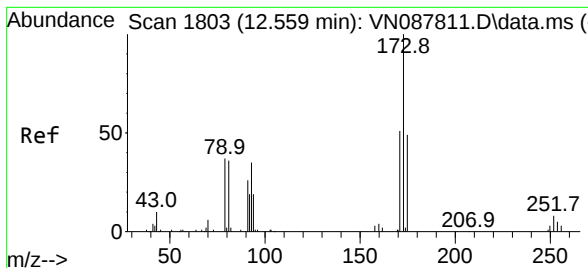
Ion Ratio Lower Upper

63 100

65 43.9 26.6 40.0#

106 40.1 21.1 31.7#

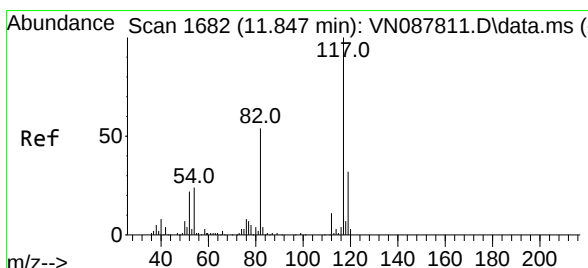
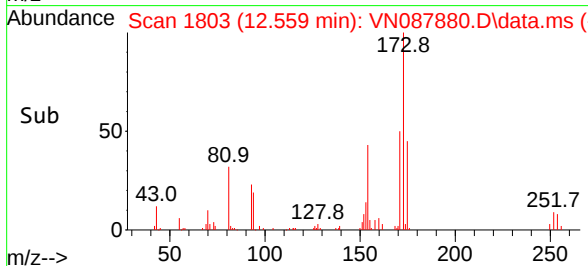
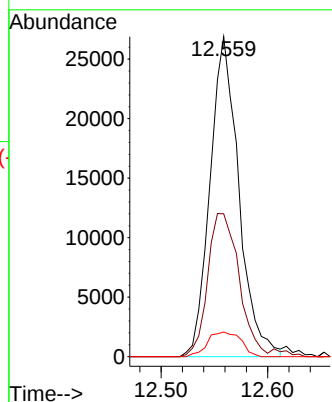
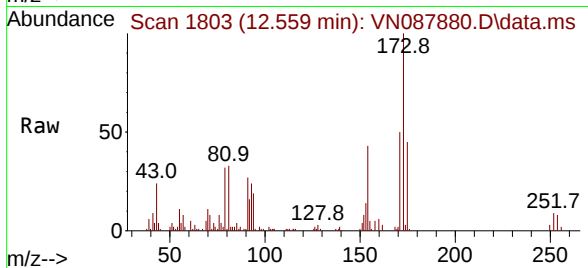




#56
Bromoform
Concen: 19.925 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

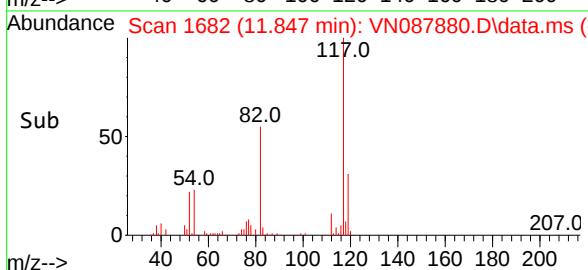
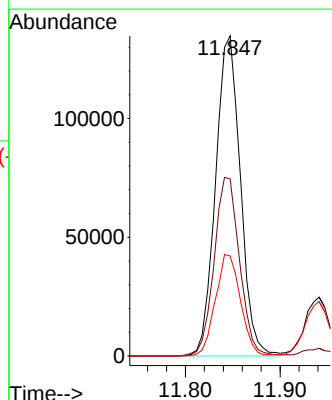
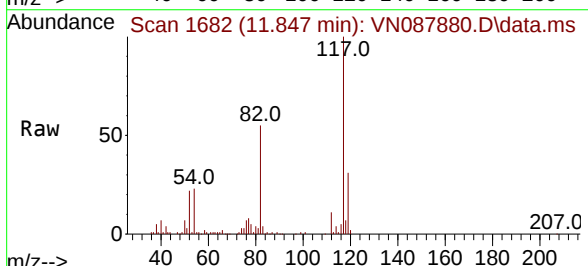
Instrument :
MSVOA_N
ClientSampleId :

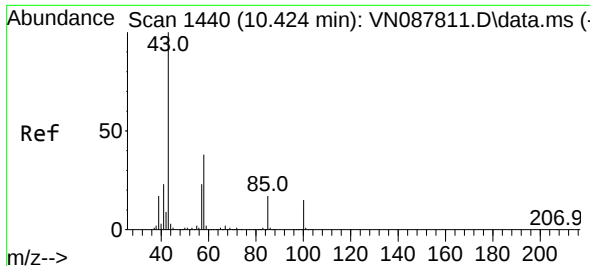
Tgt Ion:	173	Resp:	50459
Ion Ratio	Lower	Upper	
173	100		
175	48.5	39.8	59.6
254	9.0	6.2	9.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

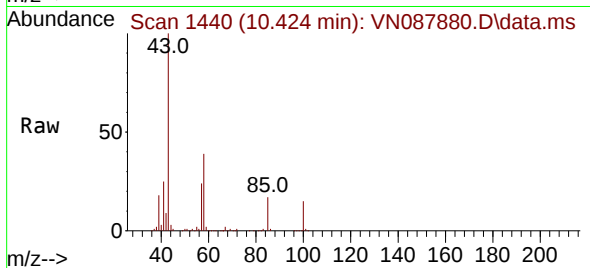
Tgt Ion:	117	Resp:	245997
Ion Ratio	Lower	Upper	
117	100		
82	56.8	45.9	68.9
119	31.8	25.3	37.9



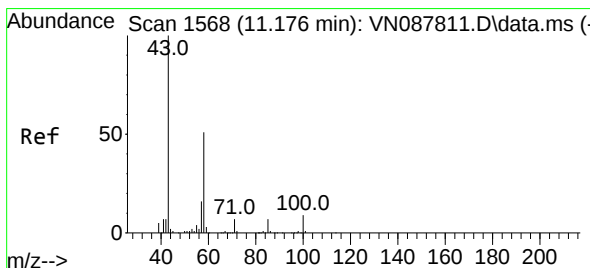
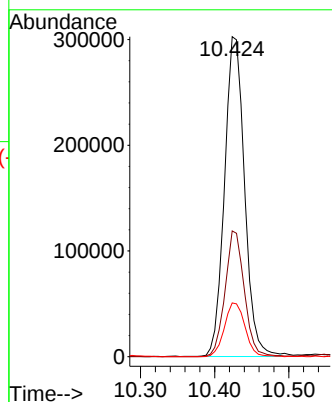
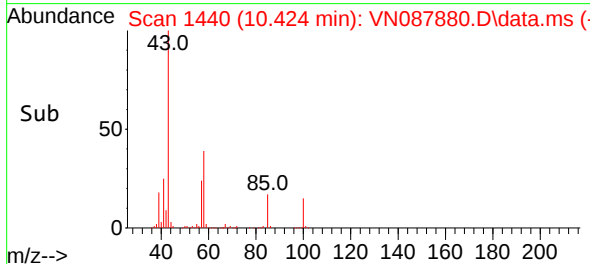


#58
4-Methyl-2-Pentanone
Concen: 98.027 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Instrument :
MSVOA_N
ClientSampleId :

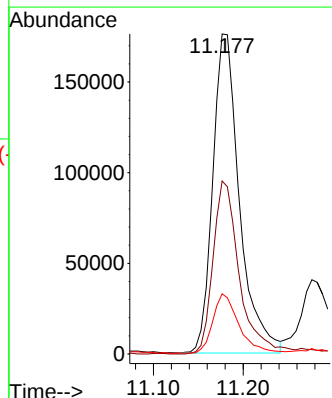
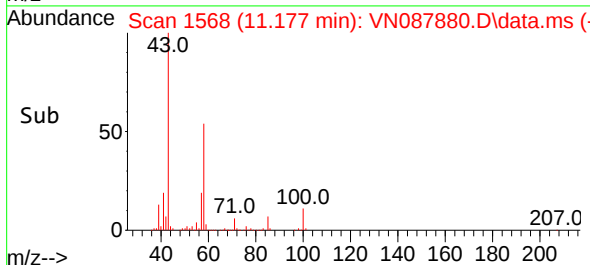
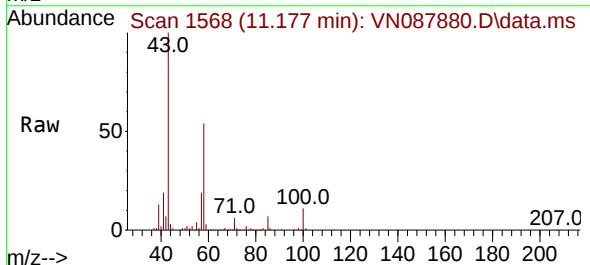


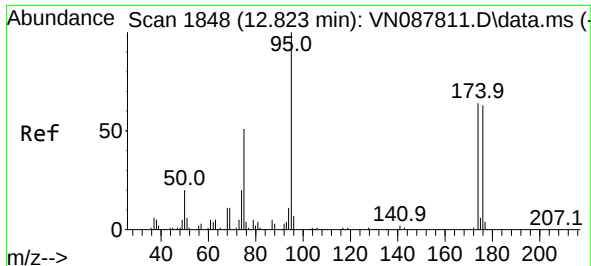
Tgt Ion:	43	Resp:	570180
Ion	Ratio	Lower	Upper
43	100		
58	37.7	29.6	44.4
85	17.3	13.0	19.4



#59
2-Hexanone
Concen: 95.776 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion:	43	Resp:	364022
Ion	Ratio	Lower	Upper
43	100		
58	52.4	40.2	60.4
57	17.9	13.7	20.5

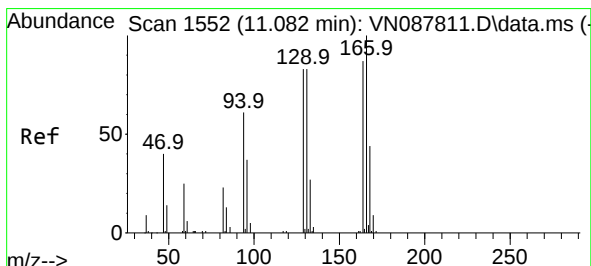
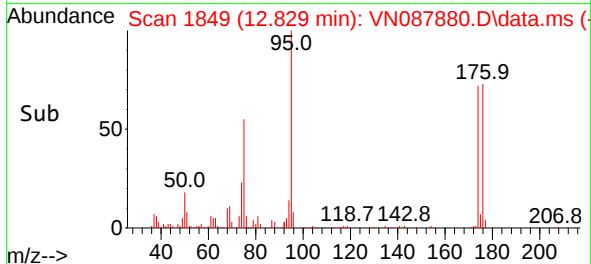
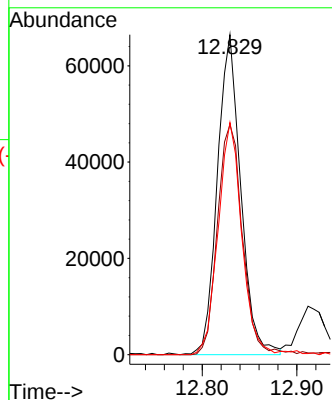
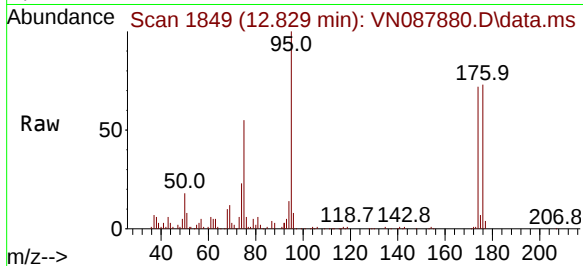




#60
4-Bromofluorobenzene
Concen: 28.893 ug/l
RT: 12.829 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

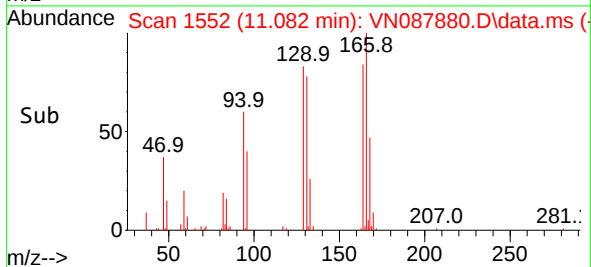
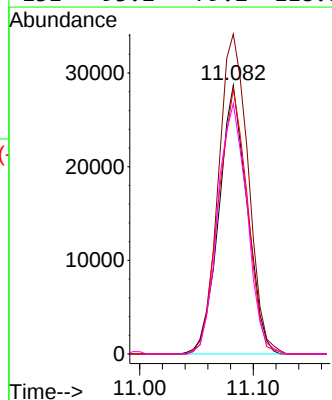
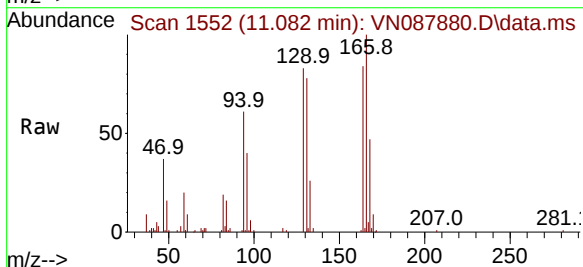
Instrument :
MSVOA_N
ClientSampleId :

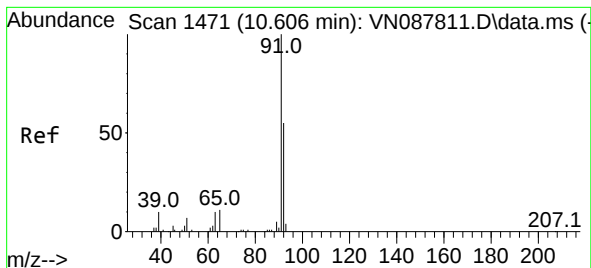
Tgt Ion: 95 Resp: 114284
Ion Ratio Lower Upper
95 100
174 75.5 55.4 83.0
176 73.1 51.5 77.3



#61
Tetrachloroethene
Concen: 20.208 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion:164 Resp: 49494
Ion Ratio Lower Upper
164 100
166 119.1 97.3 145.9
129 98.6 78.6 117.8
131 93.2 79.2 118.8





#62

Toluene

Concen: 18.943 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VN087880.D

Acq: 17 Sep 2025 15:18

Instrument :

MSVOA_N

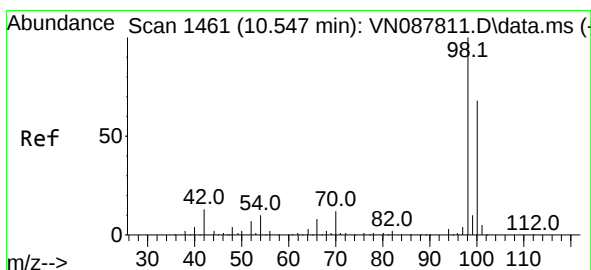
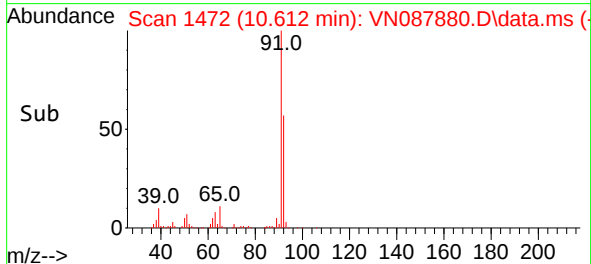
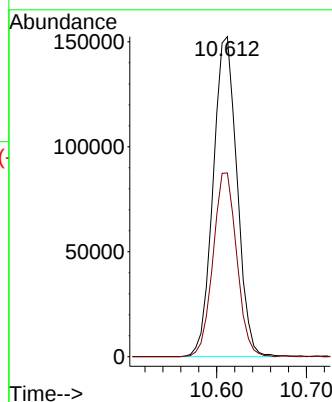
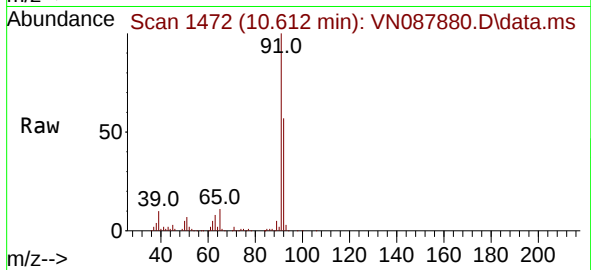
ClientSampleId :

Tgt Ion: 91 Resp: 281866

Ion Ratio Lower Upper

91 100

92 57.0 45.4 68.0



#63

Toluene-d8

Concen: 28.814 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087880.D

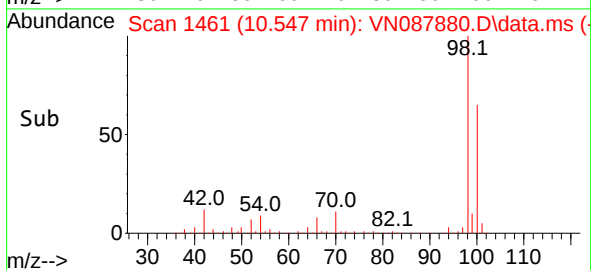
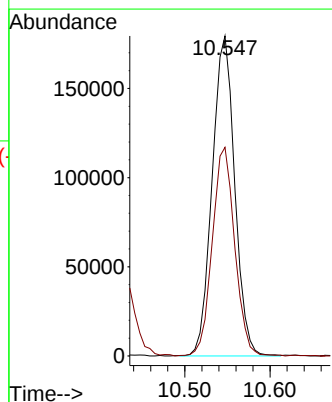
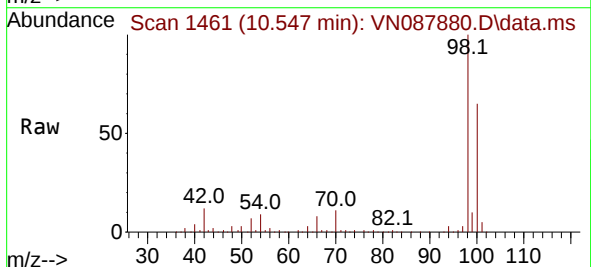
Acq: 17 Sep 2025 15:18

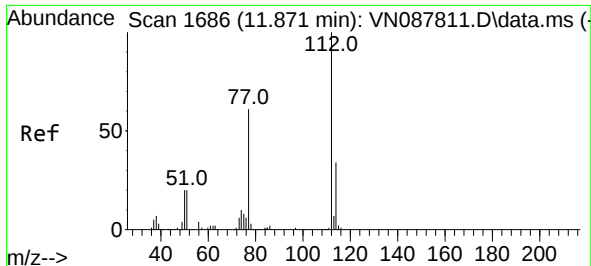
Tgt Ion: 98 Resp: 329637

Ion Ratio Lower Upper

98 100

100 64.9 50.6 76.0

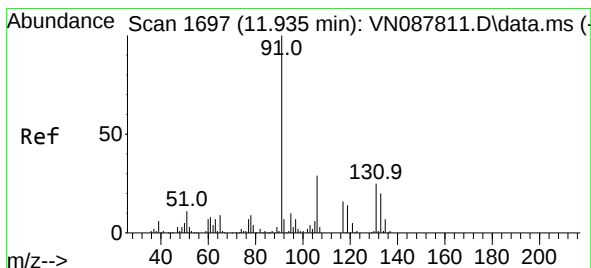
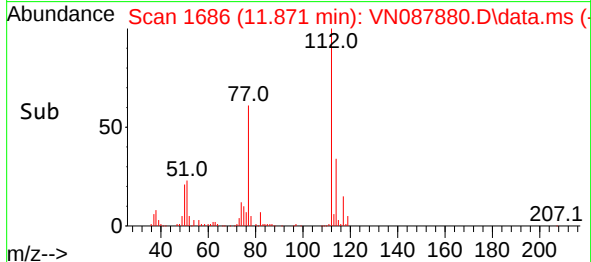
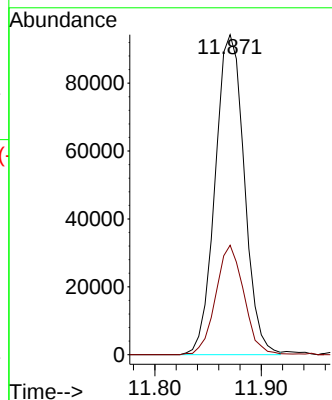
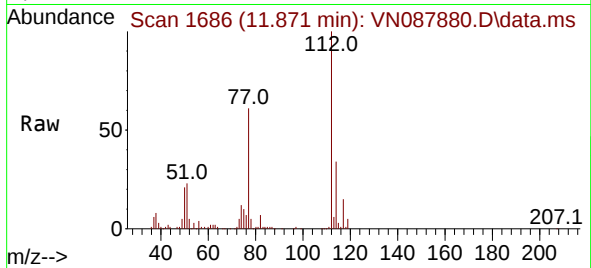




#64
Chlorobenzene
Concen: 19.590 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

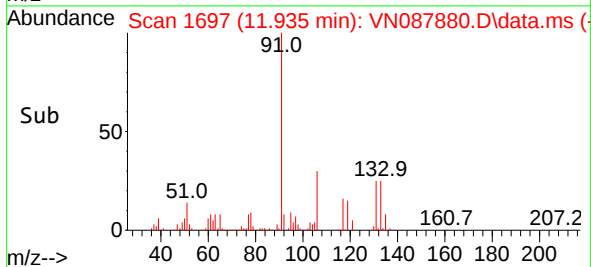
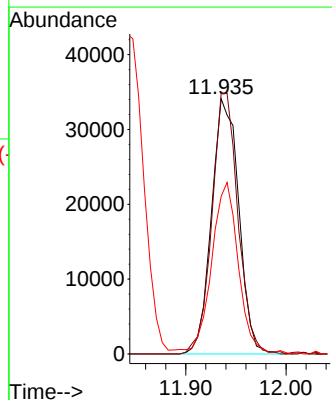
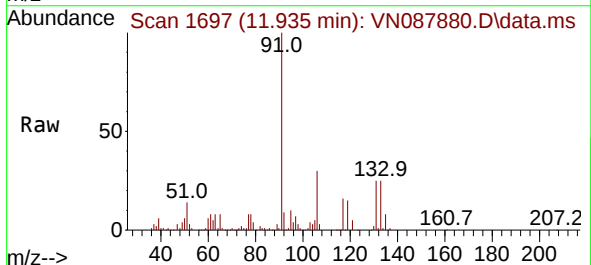
Instrument :
MSVOA_N
ClientSampleId :

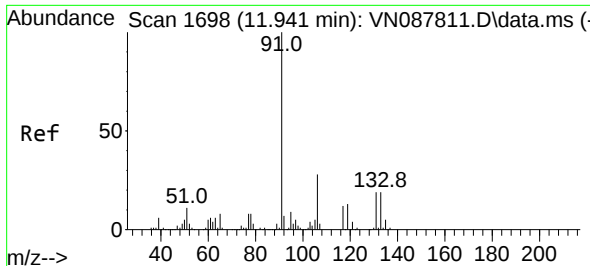
Tgt Ion:112 Resp: 178909
Ion Ratio Lower Upper
112 100
114 34.2 23.5 35.3



#65
1,1,1,2-Tetrachloroethane
Concen: 19.982 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion:131 Resp: 64249
Ion Ratio Lower Upper
131 100
133 98.1 0.0 195.8
119 65.2 0.0 139.0

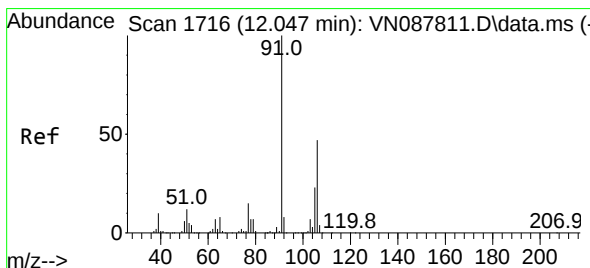
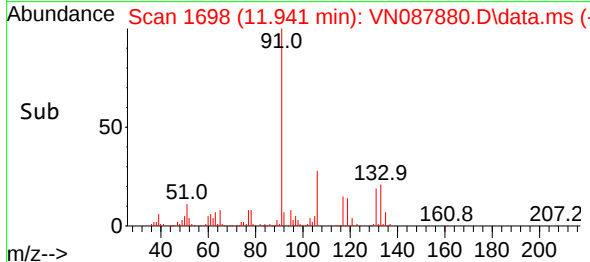
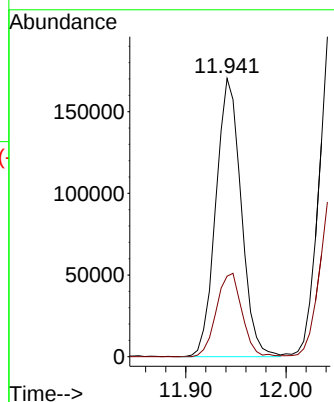
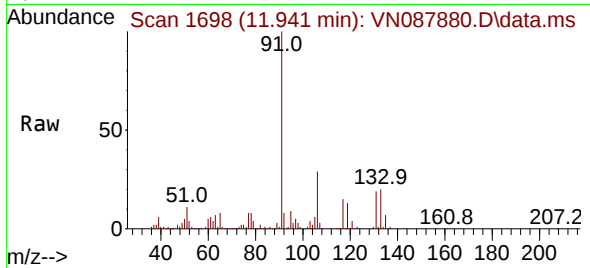




#66
Ethyl Benzene
Concen: 18.606 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

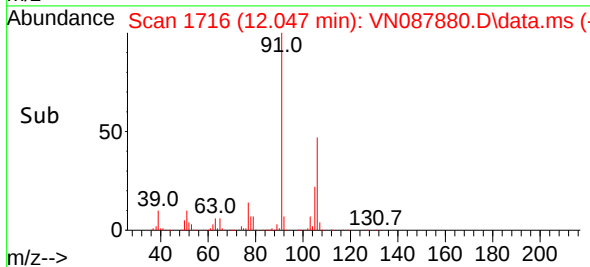
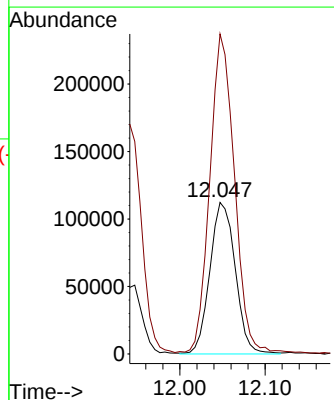
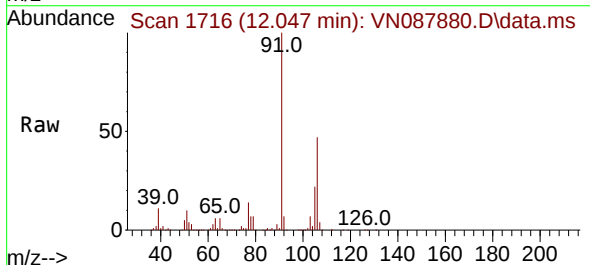
Instrument :
MSVOA_N
ClientSampleId :

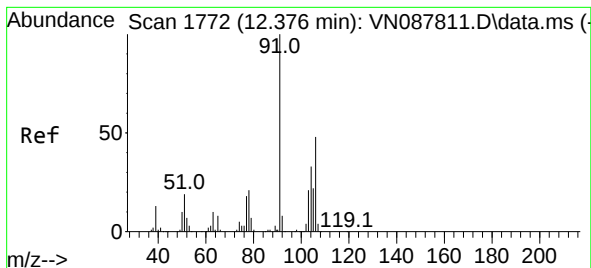
Tgt Ion: 91 Resp: 298676
Ion Ratio Lower Upper
91 100
106 28.9 21.3 31.9



#67
m/p-Xylenes
Concen: 39.066 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion:106 Resp: 232789
Ion Ratio Lower Upper
106 100
91 204.0 174.3 261.5





#68

o-Xylene

Concen: 19.236 ug/l

RT: 12.376 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VN087880.D

Acq: 17 Sep 2025 15:18

Instrument :

MSVOA_N

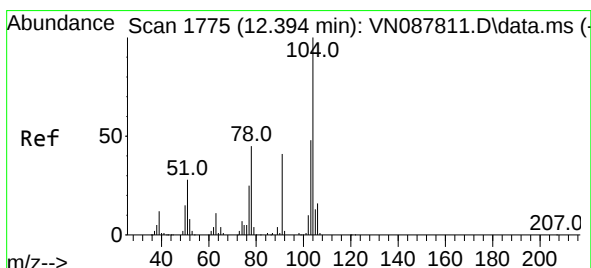
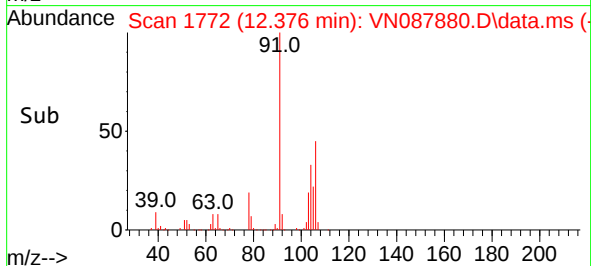
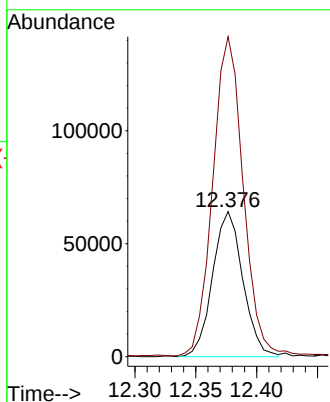
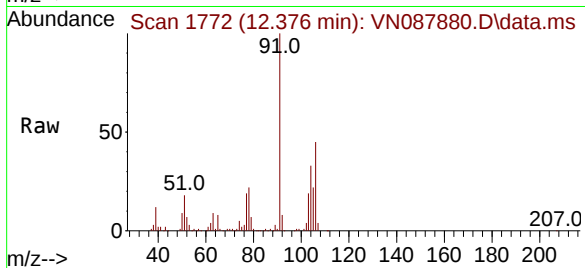
ClientSampleId :

Tgt Ion:106 Resp: 111139

Ion Ratio Lower Upper

106 100

91 222.5 107.7 323.3



#69

Styrene

Concen: 19.141 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN087880.D

Acq: 17 Sep 2025 15:18

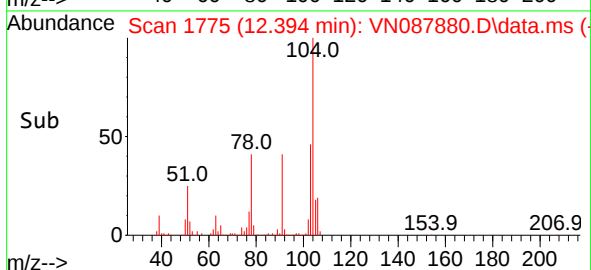
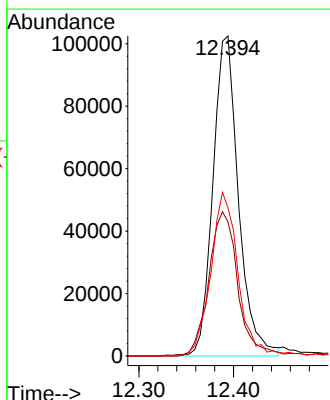
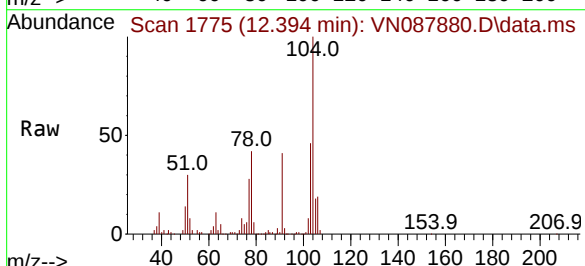
Tgt Ion:104 Resp: 192210

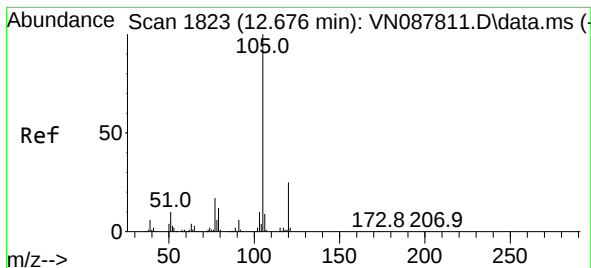
Ion Ratio Lower Upper

104 100

78 51.0 41.0 61.6

103 53.5 44.6 66.8





#70

Isopropylbenzene

Concen: 19.121 ug/l

RT: 12.671 min Scan# 1822

Delta R.T. -0.006 min

Lab File: VN087880.D

Acq: 17 Sep 2025 15:18

Instrument :

MSVOA_N

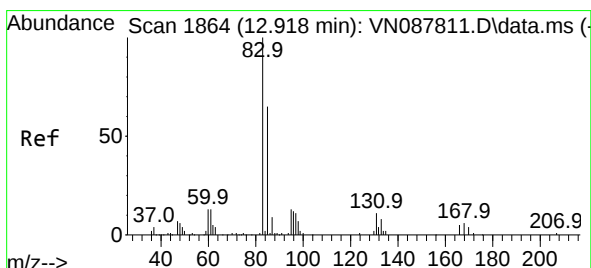
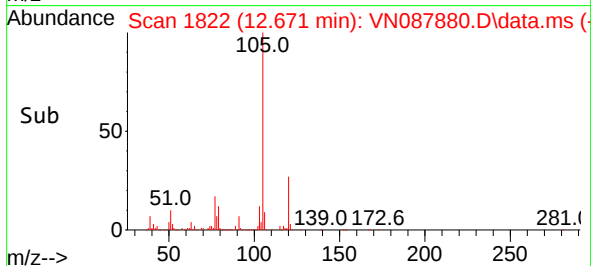
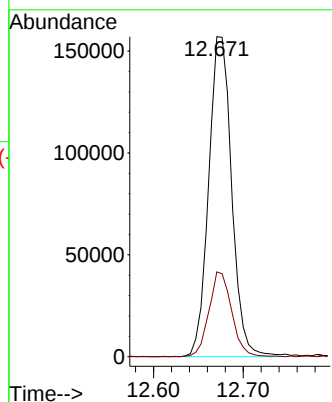
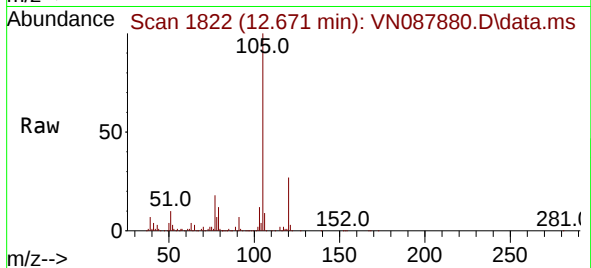
ClientSampleId :

Tgt Ion:105 Resp: 280125

Ion Ratio Lower Upper

105 100

120 26.1 17.4 32.4



#71

1,1,2,2-Tetrachloroethane

Concen: 19.904 ug/l

RT: 12.912 min Scan# 1863

Delta R.T. -0.006 min

Lab File: VN087880.D

Acq: 17 Sep 2025 15:18

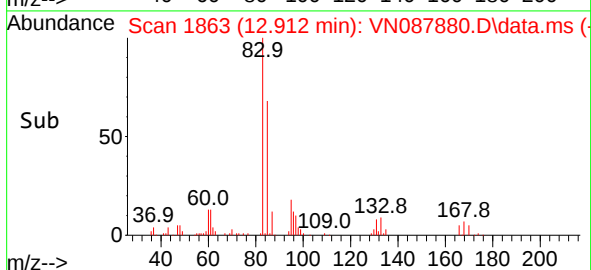
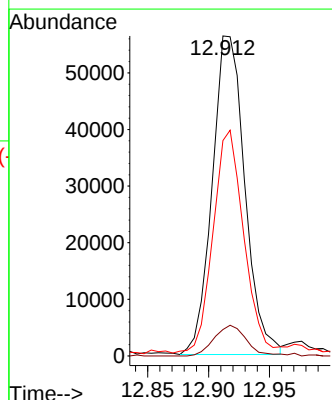
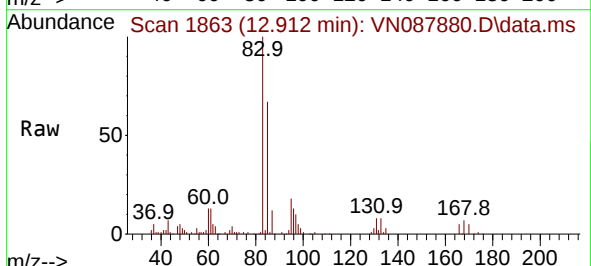
Tgt Ion: 83 Resp: 104825

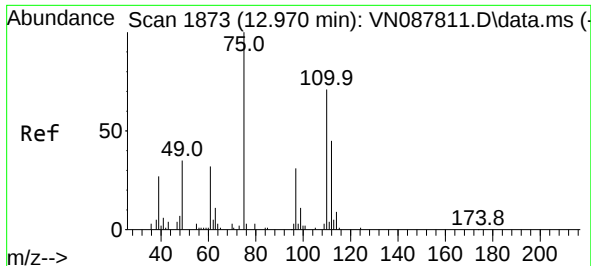
Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

85 65.3 31.9 95.7

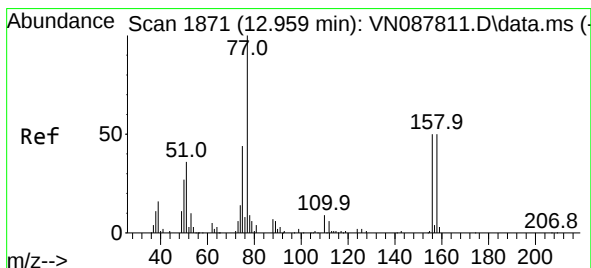
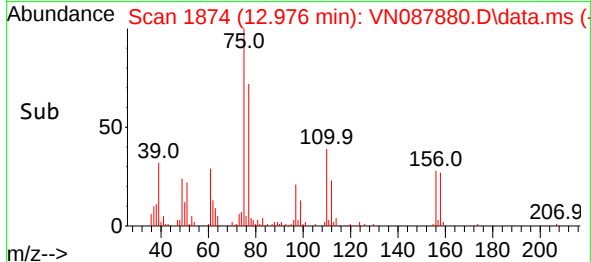
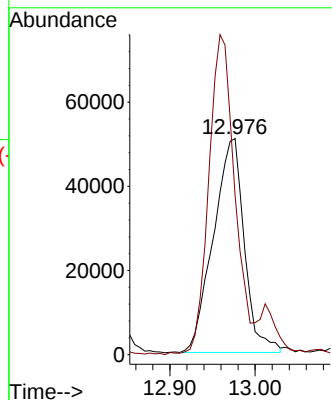
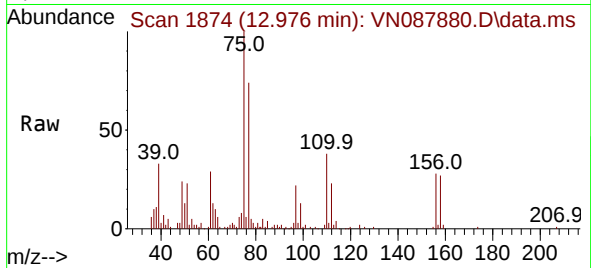




#72
1,2,3-Trichloropropane
Concen: 24.809 ug/l
RT: 12.976 min Scan# 1873
Delta R.T. 0.006 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

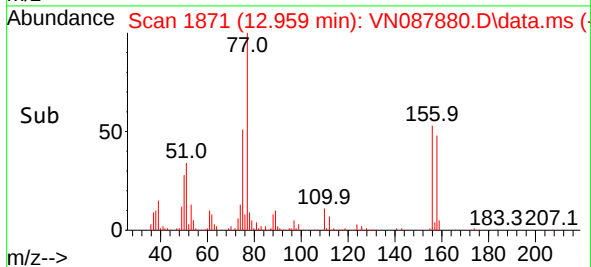
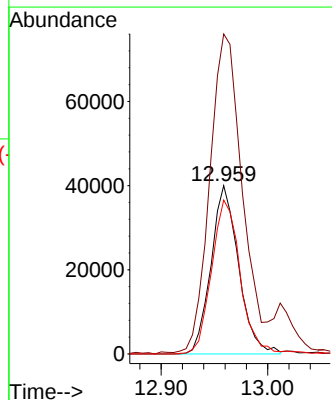
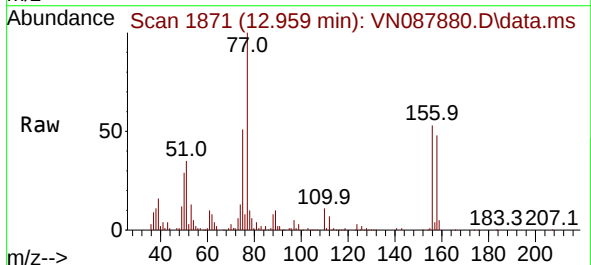
Instrument :
MSVOA_N
ClientSampleId :

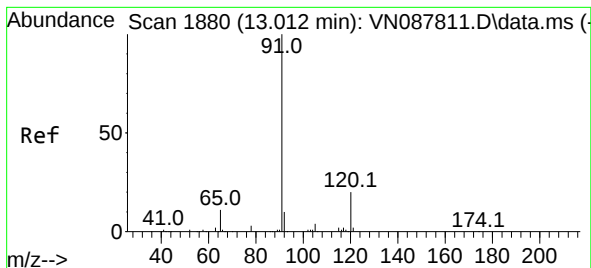
Tgt Ion: 75 Resp: 128289
Ion Ratio Lower Upper
75 100
77 122.8 0.0 378.8



#73
Bromobenzene
Concen: 20.077 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.006 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion:156 Resp: 71960
Ion Ratio Lower Upper
156 100
77 218.9 0.0 484.2
158 94.4 0.0 186.2





#74

n-propylbenzene

Concen: 18.657 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN087880.D

Acq: 17 Sep 2025 15:18

Instrument :

MSVOA_N

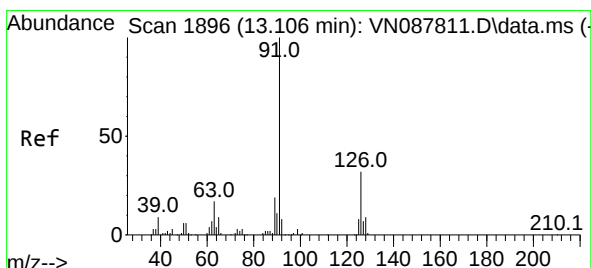
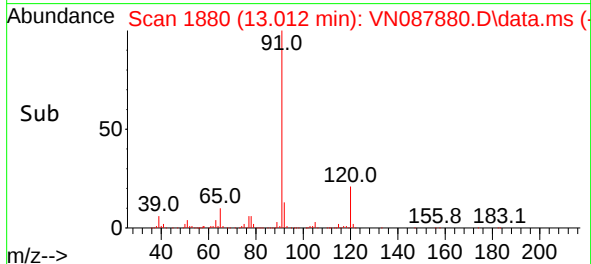
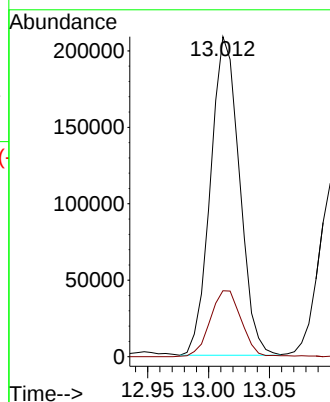
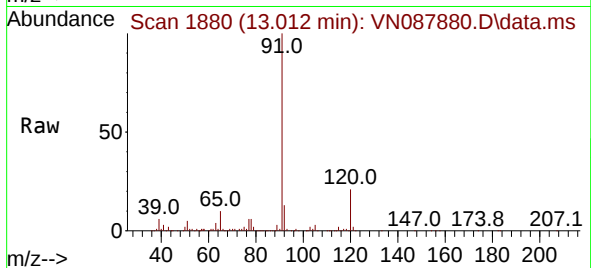
ClientSampleId :

Tgt Ion: 91 Resp: 344863

Ion Ratio Lower Upper

91 100

120 22.1 0.0 42.2



#75

2-Chlorotoluene

Concen: 18.248 ug/l

RT: 13.106 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VN087880.D

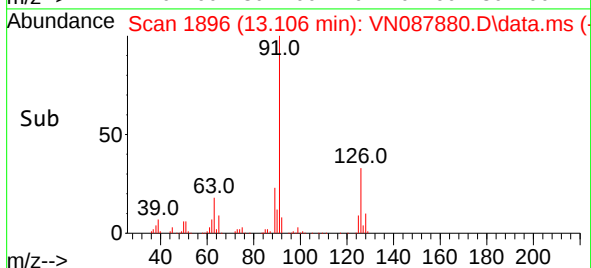
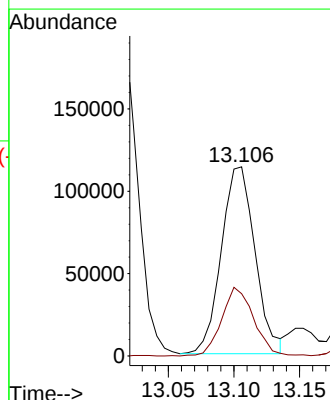
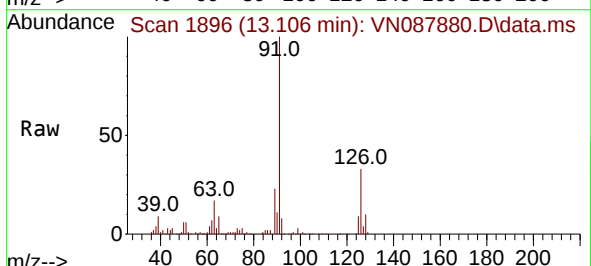
Acq: 17 Sep 2025 15:18

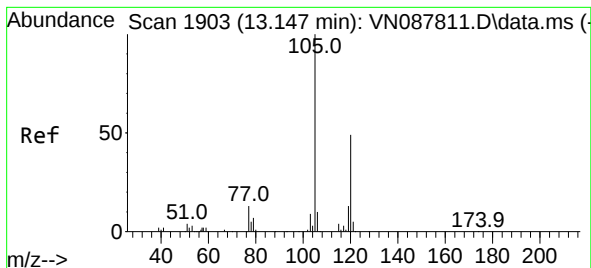
Tgt Ion: 91 Resp: 203014

Ion Ratio Lower Upper

91 100

126 34.8 0.0 60.4





#76

1,3,5-Trimethylbenzene

Concen: 18.585 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VN087880.D

Acq: 17 Sep 2025 15:18

Instrument :

MSVOA_N

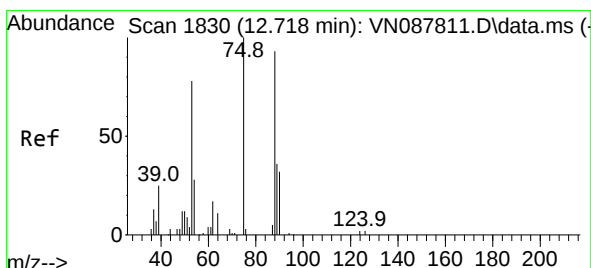
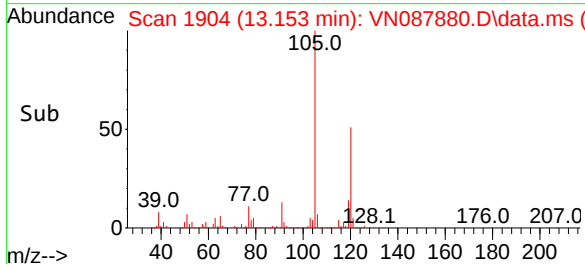
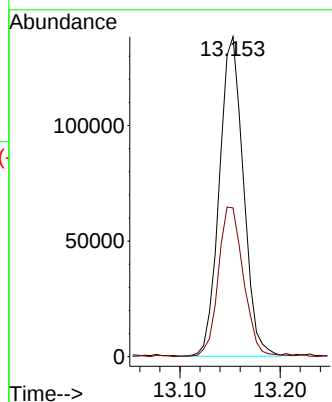
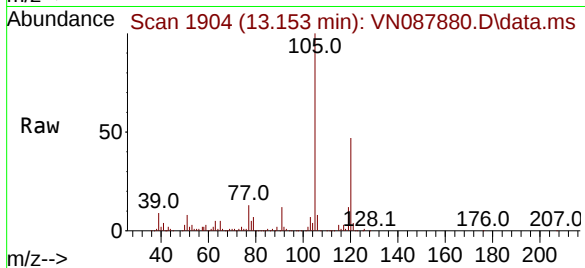
ClientSampleId :

Tgt Ion:105 Resp: 229923

Ion Ratio Lower Upper

105 100

120 49.3 0.0 92.6



#77

t-1,4-Dichloro-2-butene

Concen: 20.498 ug/l

RT: 12.718 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN087880.D

Acq: 17 Sep 2025 15:18

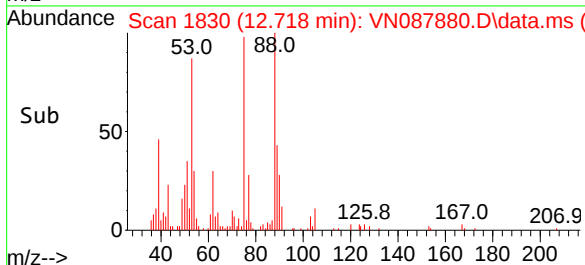
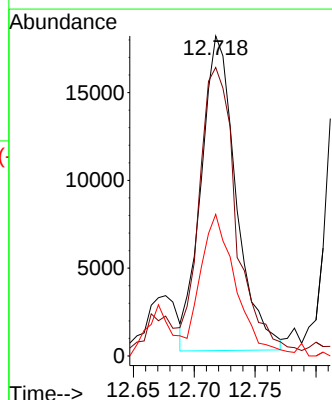
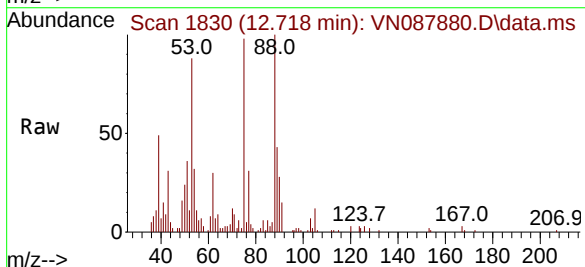
Tgt Ion: 75 Resp: 35777

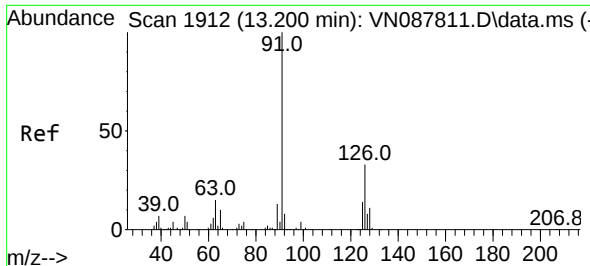
Ion Ratio Lower Upper

75 100

53 90.4 45.3 135.9

89 43.7 18.8 56.3

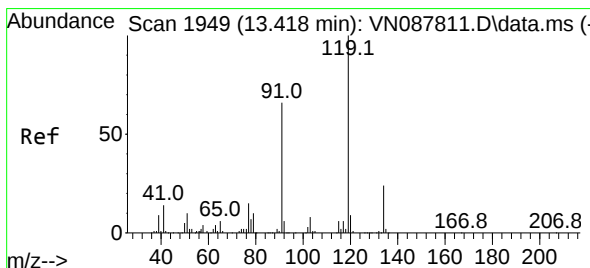
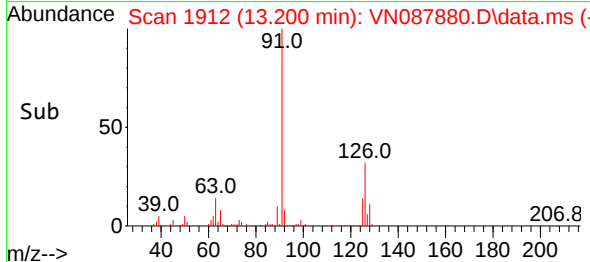
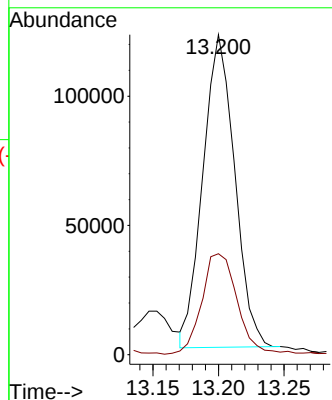
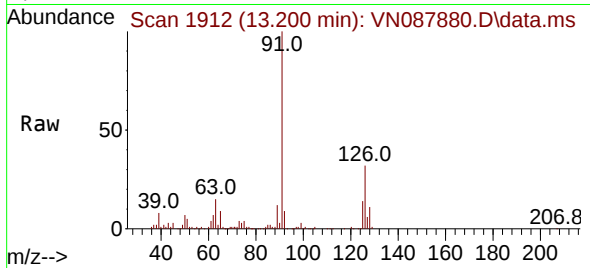




#78
4-Chlorotoluene
Concen: 18.131 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

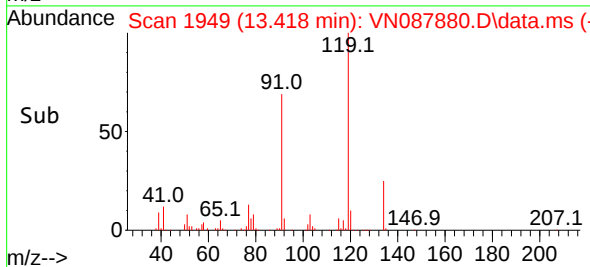
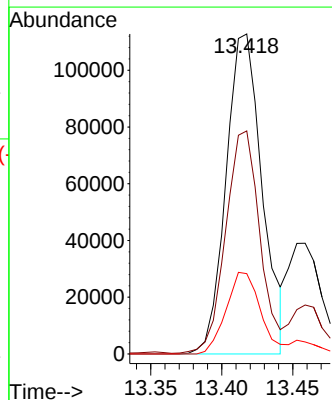
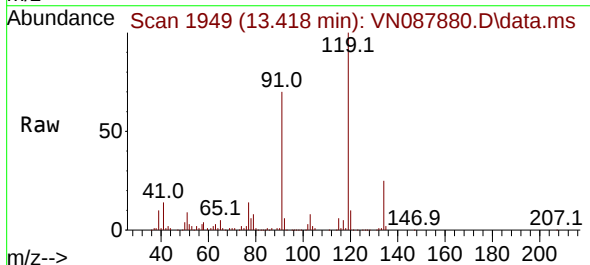
Instrument :
MSVOA_N
ClientSampleId :

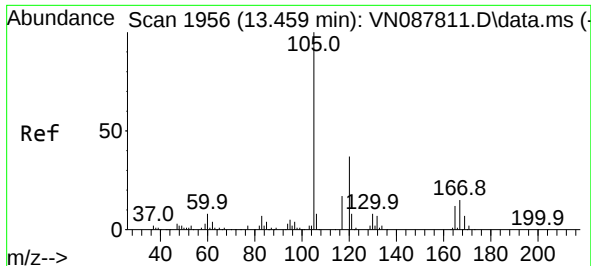
Tgt Ion: 91 Resp: 203348
Ion Ratio Lower Upper
91 100
126 36.6 0.0 67.0



#79
tert-butylbenzene
Concen: 19.269 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion: 119 Resp: 199634
Ion Ratio Lower Upper
119 100
91 65.6 0.0 142.6
134 24.6 0.0 47.2

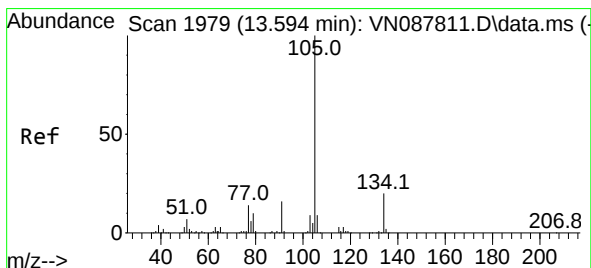
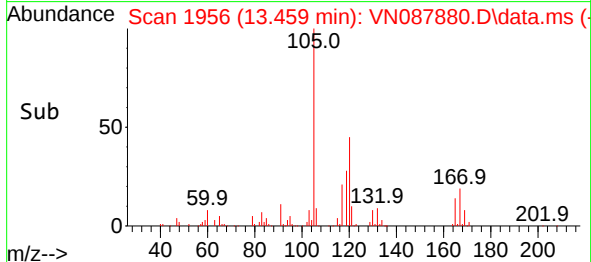
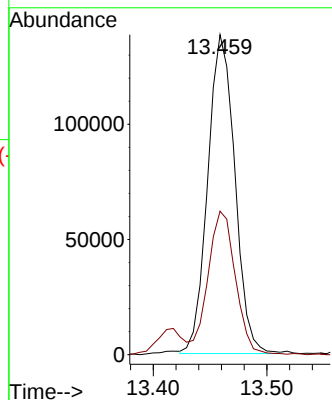
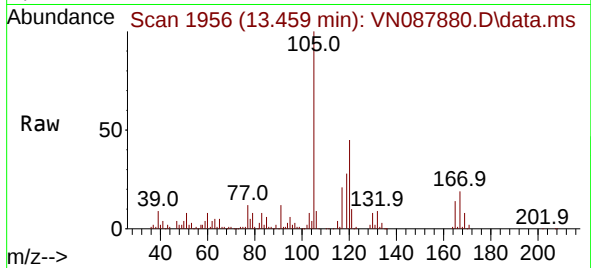




#80
1,2,4-Trimethylbenzene
Concen: 18.107 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

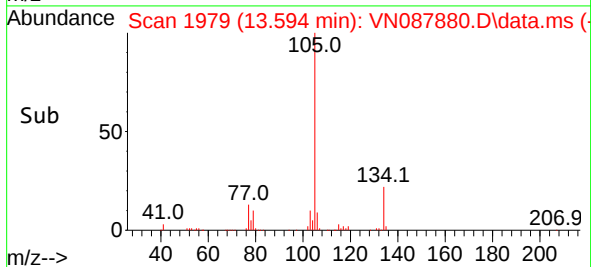
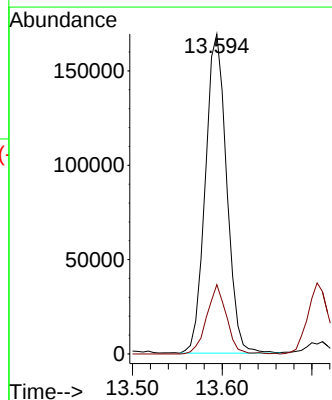
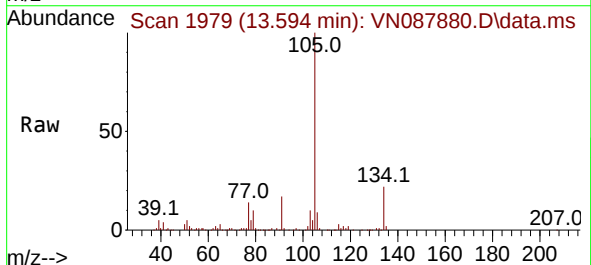
Instrument :
MSVOA_N
ClientSampleId :

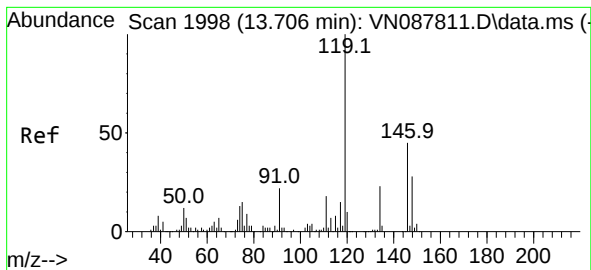
Tgt Ion:105 Resp: 229662
Ion Ratio Lower Upper
105 100
120 45.8 0.0 86.6



#81
sec-Butylbenzene
Concen: 18.305 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion:105 Resp: 278947
Ion Ratio Lower Upper
105 100
134 19.9 0.0 37.0

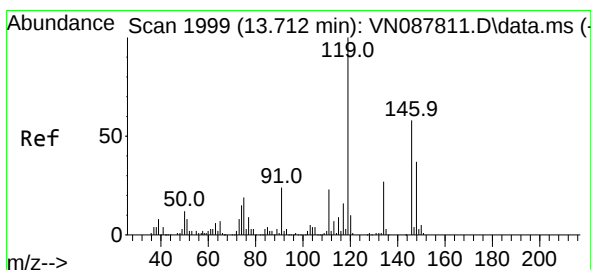
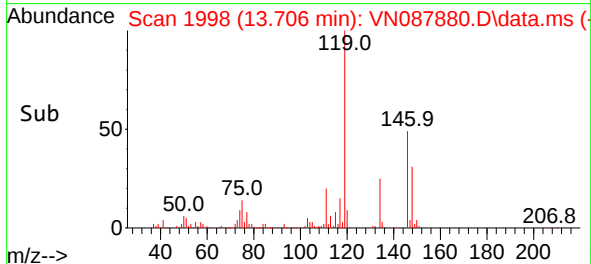
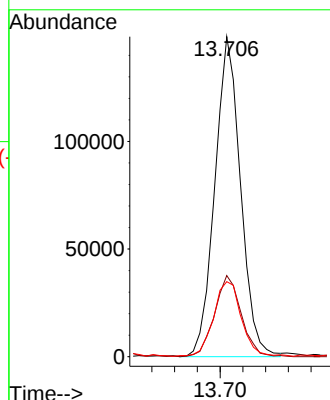
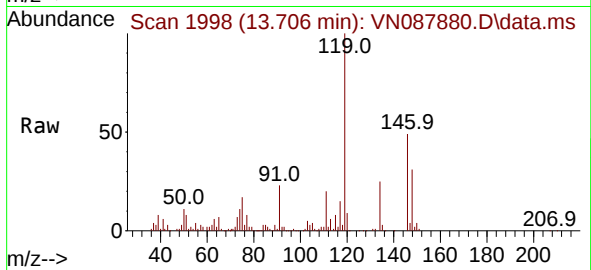




#82
p-Isopropyltoluene
Concen: 18.609 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

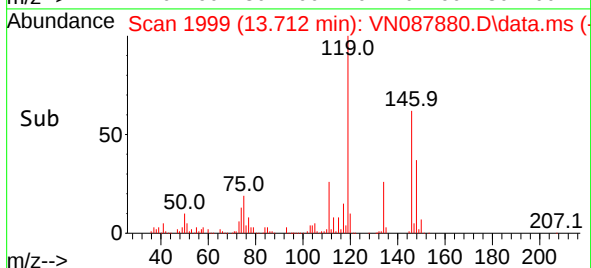
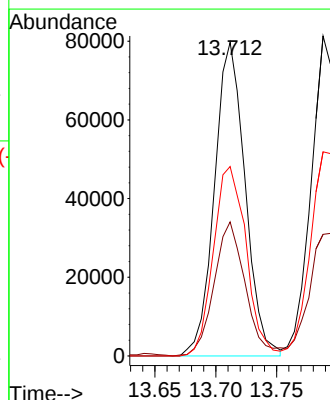
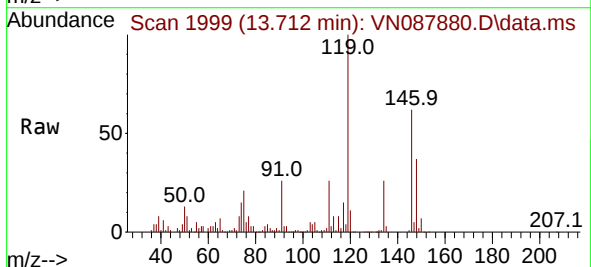
Instrument :
MSVOA_N
ClientSampleId :

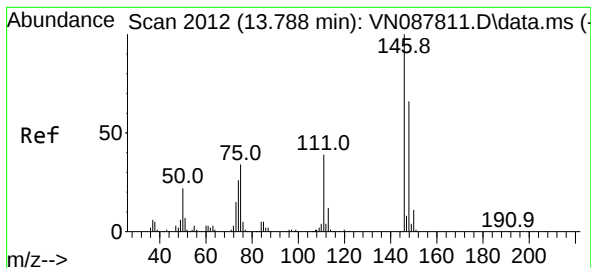
Tgt Ion:119 Resp: 233655
Ion Ratio Lower Upper
119 100
134 26.2 0.0 49.4
91 25.0 0.0 52.2



#83
1,3-Dichlorobenzene
Concen: 20.172 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

Tgt Ion:146 Resp: 139393
Ion Ratio Lower Upper
146 100
111 44.1 21.1 63.4
148 64.4 31.0 93.0





#84

1,4-Dichlorobenzene

Concen: 20.767 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN087880.D

Acq: 17 Sep 2025 15:18

Instrument :

MSVOA_N

ClientSampleId :

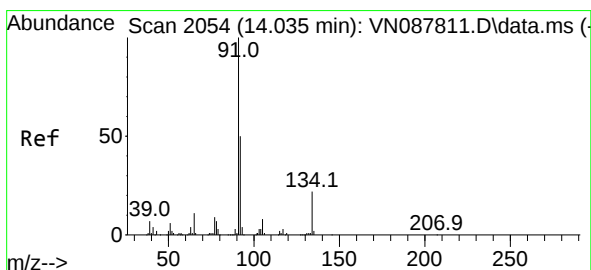
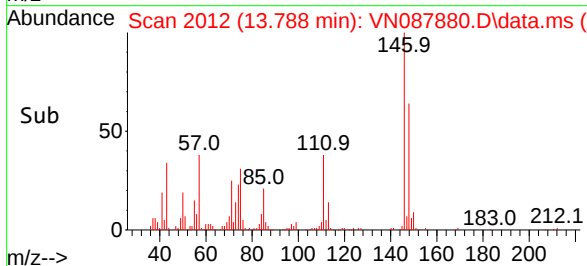
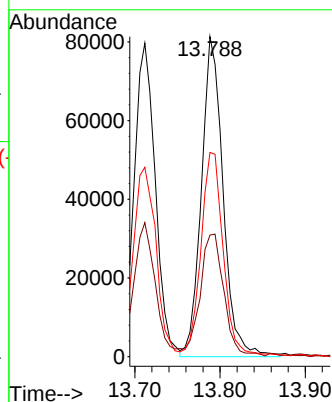
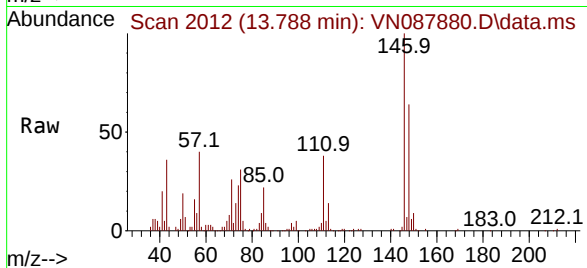
Tgt Ion:146 Resp: 143837

Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.5

148 63.6 31.5 94.5



#85

n-Butylbenzene

Concen: 18.462 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. -0.000 min

Lab File: VN087880.D

Acq: 17 Sep 2025 15:18

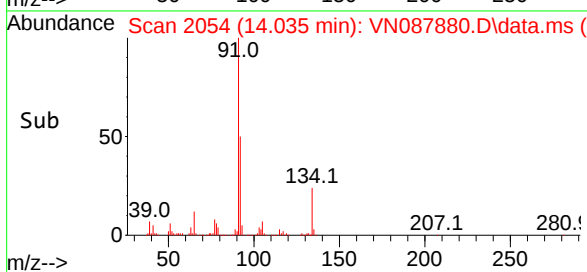
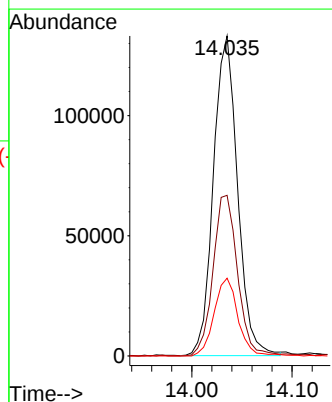
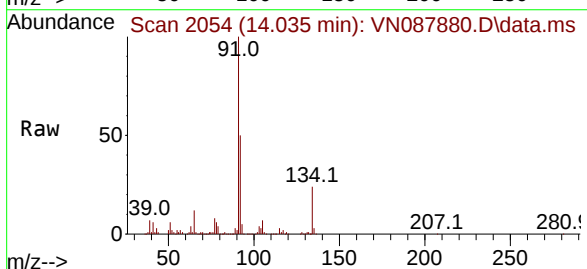
Tgt Ion: 91 Resp: 222821

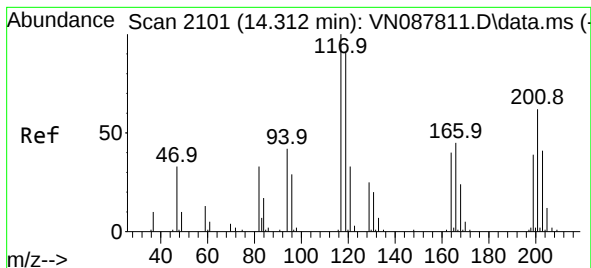
Ion Ratio Lower Upper

91 100

92 50.9 0.0 104.0

134 24.1 0.0 46.0





#86

Hexachloroethane

Concen: 17.965 ug/l

RT: 14.306 min Scan# 2101

Delta R.T. -0.006 min

Lab File: VN087880.D

Acq: 17 Sep 2025 15:18

Instrument :

MSVOA_N

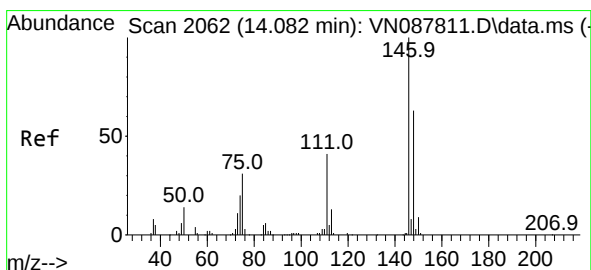
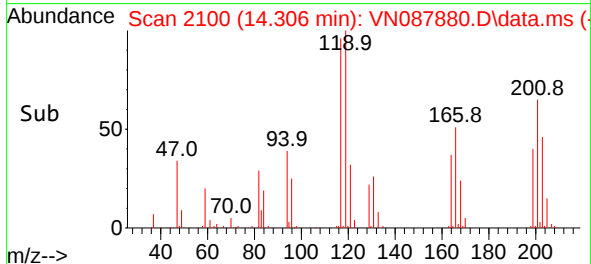
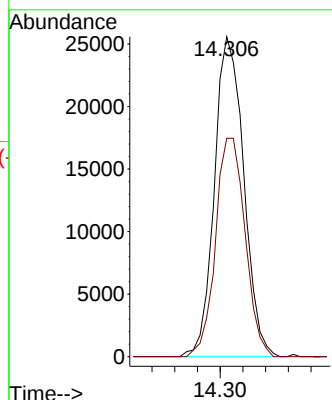
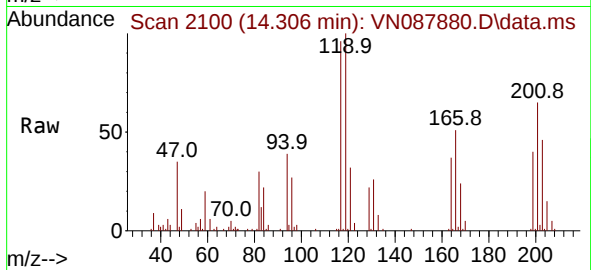
ClientSampleId :

Tgt Ion:117 Resp: 45816

Ion Ratio Lower Upper

117 100

201 68.9 29.9 89.7



#87

1,2-Dichlorobenzene

Concen: 20.606 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN087880.D

Acq: 17 Sep 2025 15:18

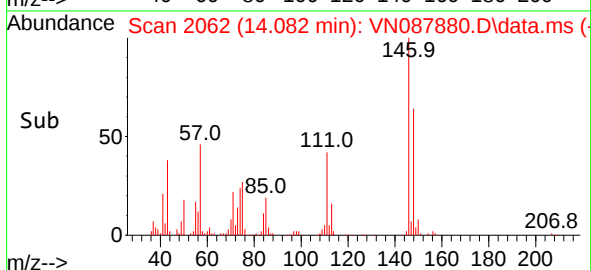
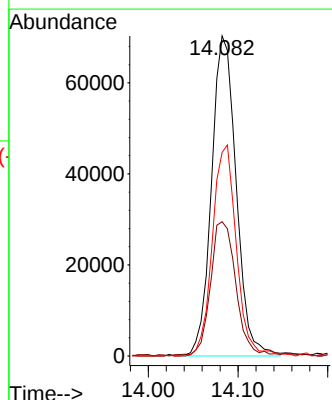
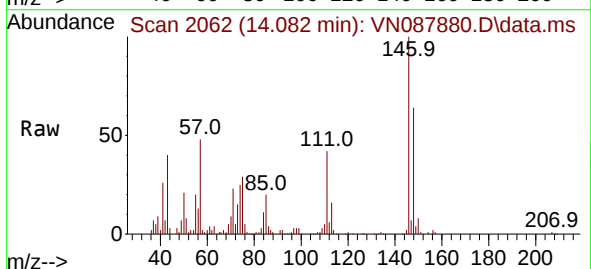
Tgt Ion:146 Resp: 134295

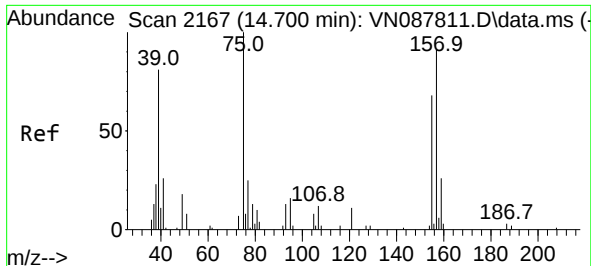
Ion Ratio Lower Upper

146 100

111 41.6 21.5 64.5

148 63.3 33.4 100.1





#88

1,2-Dibromo-3-Chloropropane

Concen: 20.593 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VN087880.D

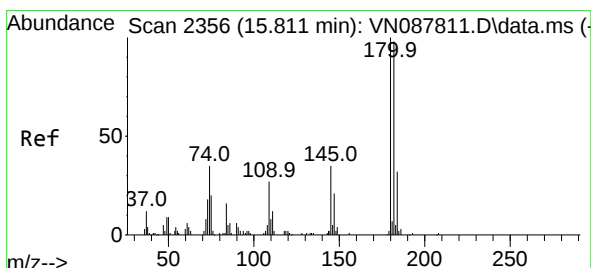
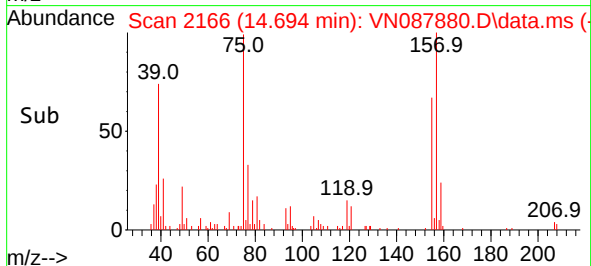
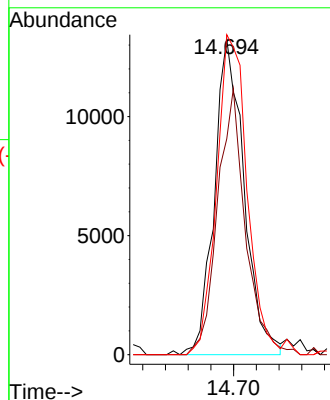
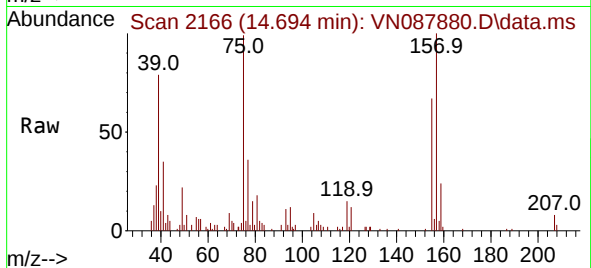
Acq: 17 Sep 2025 15:18

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	24068
Ion Ratio	Lower	Upper	
75	100		
155	79.1	53.0	79.4
157	104.0	72.2	108.4



#89

1,2,4-Trichlorobenzene

Concen: 19.625 ug/l

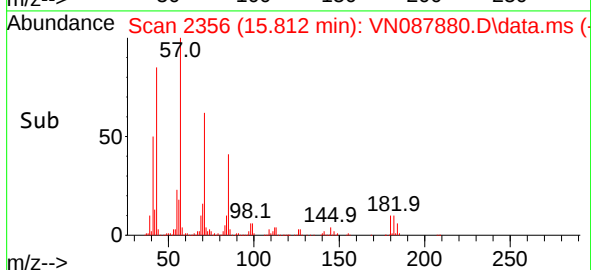
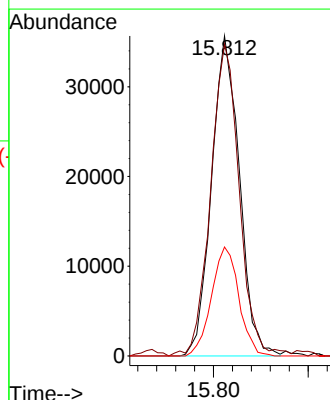
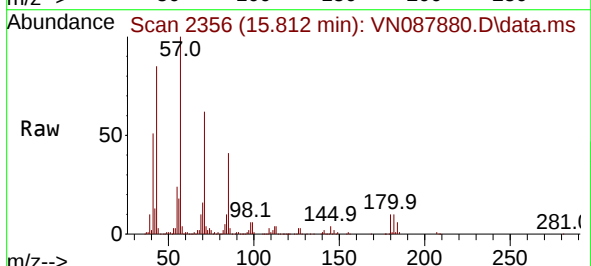
RT: 15.812 min Scan# 2356

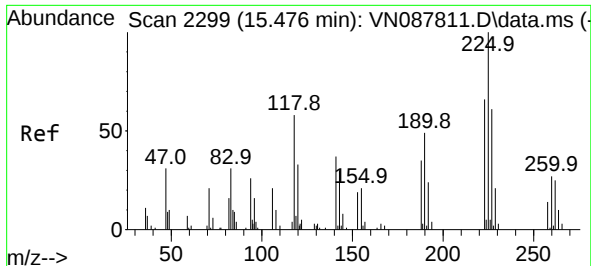
Delta R.T. -0.000 min

Lab File: VN087880.D

Acq: 17 Sep 2025 15:18

Tgt Ion:	180	Resp:	72746
Ion Ratio	Lower	Upper	
180	100		
182	98.7	74.6	111.8
145	33.6	27.4	41.0

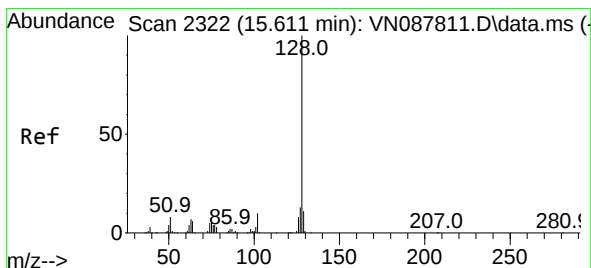
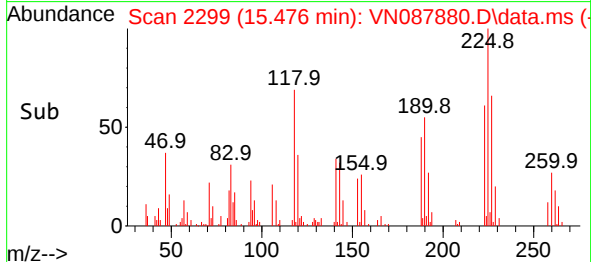
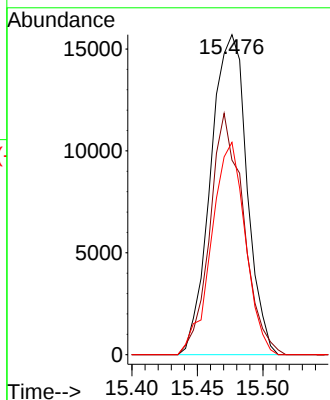
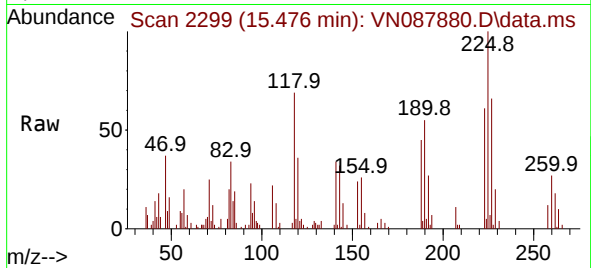




#90
Hexachlorobutadiene
Concen: 24.335 ug/l
RT: 15.476 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

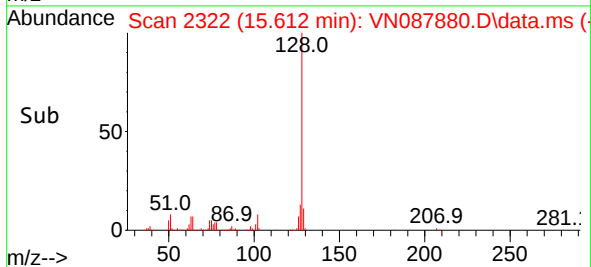
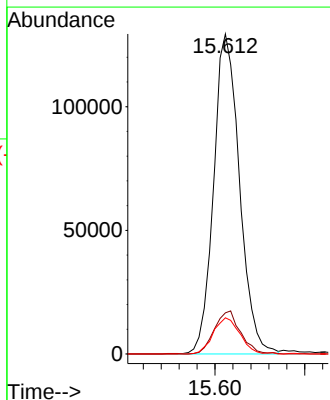
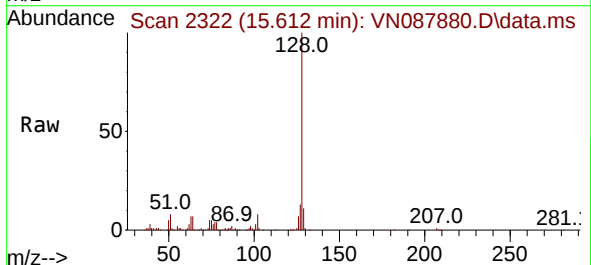
Instrument :
MSVOA_N
ClientSampleId :

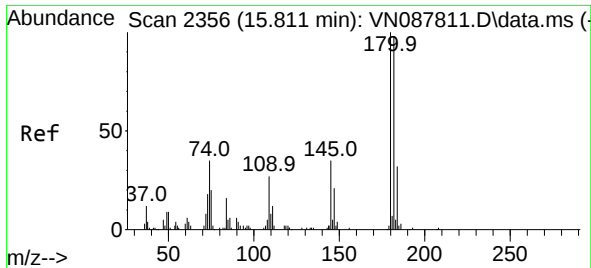
Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.6	0.0	118.2
227	61.8	0.0	139.0



#91
Naphthalene
Concen: 19.000 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087880.D
Acq: 17 Sep 2025 15:18

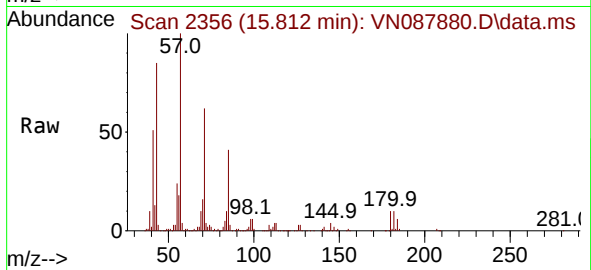
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	11.6	8.3	12.5





#92
 1,2,3-Trichlorobenzene
 Concen: 19.625 ug/l
 RT: 15.812 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087880.D
 Acq: 17 Sep 2025 15:18

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	72746
Ion Ratio	Lower	Upper	
180	100		
182	98.7	0.0	186.4
145	33.6	0.0	68.4

