

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112525\
 Data File : VN088353.D
 Acq On : 25 Nov 2025 11:03
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Nov 26 00:16:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	57986	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	299947	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	269125	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	150428	28.400	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.667%
60) 4-Bromofluorobenzene	12.829	95	129068	28.370	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.567%
63) Toluene-d8	10.547	98	390224	30.627	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	81330	19.953	ug/l	98
3) Chloromethane	2.383	50	86295	20.534	ug/l	97
4) Vinyl Chloride	2.536	62	87137	19.609	ug/l	100
5) Bromomethane	2.983	94	42242	17.828	ug/l	88
6) Chloroethane	3.142	64	53516	19.484	ug/l	97
7) Trichlorofluoromethane	3.512	101	123354	19.800	ug/l	91
8) Diethyl Ether	3.965	74	43861	18.836	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	63389	19.395	ug/l	81
10) 1,1-Dichloroethene	4.336	96	63178	19.814	ug/l	87
11) Methyl Iodide	4.583	142	57651	16.990	ug/l	88
12) Methyl Acetate	5.012	43	108311	21.055	ug/l	91
13) Acrolein	4.171	56	119806	158.297	ug/l	96
14) Acrylonitrile	5.706	53	228075	97.574	ug/l	100
15) Acetone	4.424	58	50525	73.915	ug/l	97
16) Carbon Disulfide	4.706	76	207603	19.305	ug/l	98
17) Allyl chloride	5.012	41	109044	17.598	ug/l	96
18) Methylene Chloride	5.259	84	47740	12.045	ug/l	89
19) trans-1,2-Dichloroethene	5.777	96	72280	19.467	ug/l	96
20) Diisopropyl ether	6.653	45	260950	19.708	ug/l	100
21) 1,1-Dichloroethane	6.553	63	143555	19.244	ug/l	97
22) cis-1,2-Dichloroethene	7.465	96	83004	19.234	ug/l	96
23) tert-Butyl Alcohol	5.518	59	78340	91.146	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	239986	18.667	ug/l	100
25) Chloroform	7.953	83	146184	19.777	ug/l	98
26) Cyclohexane	8.235	56	119223	18.921	ug/l #	94
29) 1,1-Dichloropropene	8.353	75	100443	20.069	ug/l	99
30) 2-Butanone	7.471	43	297757	91.975	ug/l	99
31) 2,2-Dichloropropane	7.477	77	119813	19.410	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	126795	20.552	ug/l	98
33) Carbon Tetrachloride	8.341	117	102288	19.415	ug/l	96
34) Benzene	8.588	78	309055	20.659	ug/l	97
35) Methacrylonitrile	7.765	41	66069	19.565	ug/l	96
36) 1,2-Dichloroethane	8.653	62	116495	20.010	ug/l	99
37) Trichloroethene	9.335	130	72307	21.329	ug/l	97
38) Methylcyclohexane	9.582	83	108423	18.896	ug/l	99
39) 1,2-Dichloropropane	9.606	63	80167	20.771	ug/l	90
40) Dibromomethane	9.688	93	56332	20.314	ug/l	97
41) Bromodichloromethane	9.871	83	112188	20.097	ug/l	97
42) Vinyl Acetate	6.588	43	1050214	97.196	ug/l	99

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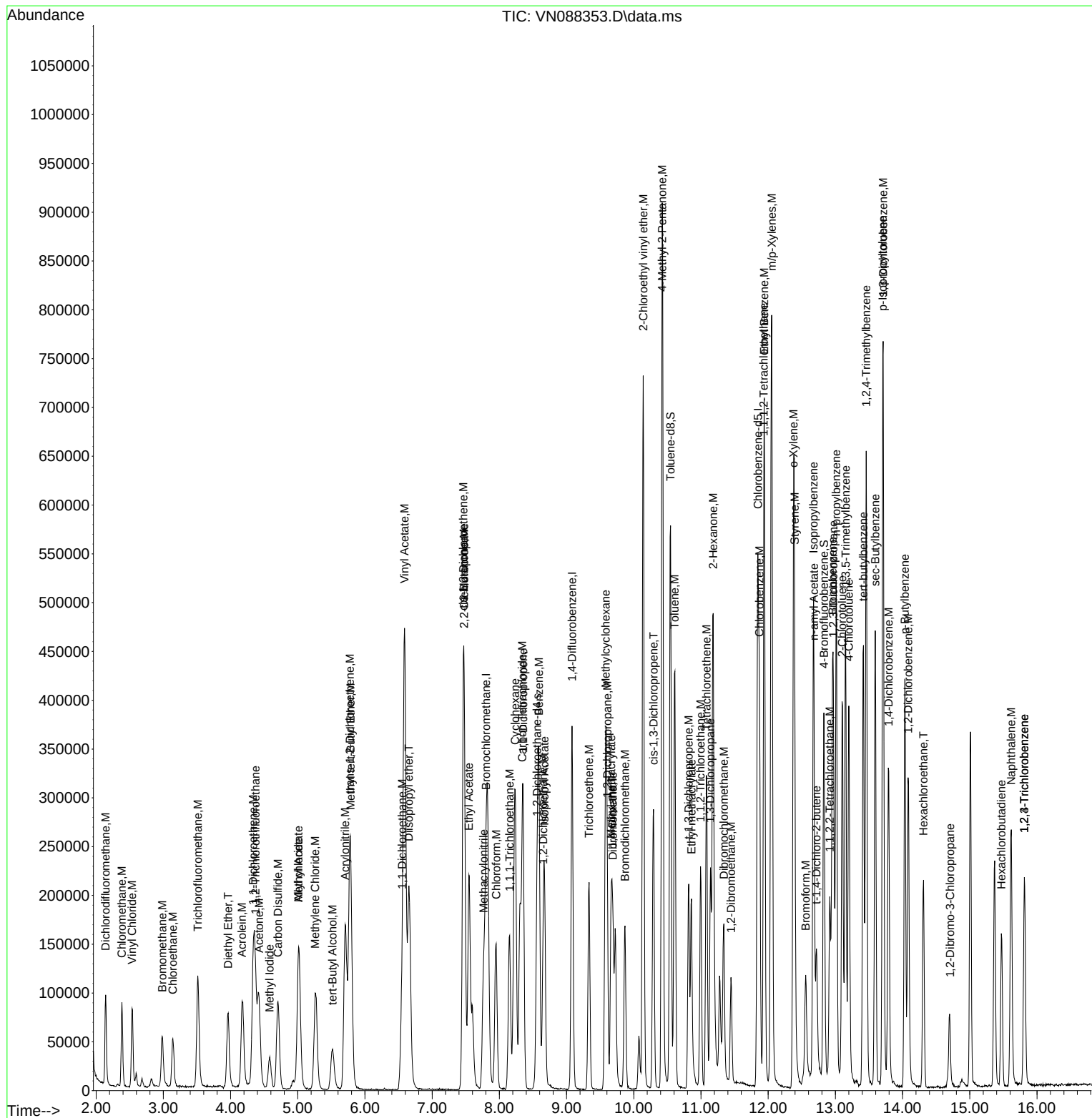
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	137168	21.058	ug/l	97
44) Isopropyl Acetate	8.671	43	201916	20.114	ug/l	98
45) 1,4-Dioxane	9.682	88	22935	379.398	ug/l	93
46) Methyl methacrylate	9.665	41	90614	19.290	ug/l	89
47) n-amyl Acetate	12.682	43	14240	2.799	ug/l #	100
48) t-1,3-Dichloropropene	10.818	75	113648	19.034	ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	127323	20.495	ug/l	97
50) 1,1,2-Trichloroethane	10.994	97	71796	20.939	ug/l	93
51) Ethyl methacrylate	10.859	69	107871	19.121	ug/l	99
52) 1,3-Dichloropropane	11.141	76	123799	19.825	ug/l	96
53) Dibromochloromethane	11.341	129	80423	20.419	ug/l	99
54) 1,2-Dibromoethane	11.447	107	71741	20.137	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	315309	97.027	ug/l	99
56) Bromoform	12.559	173	48634	19.508	ug/l	98
58) 4-Methyl-2-Pentanone	10.423	43	642730	105.592	ug/l	100
59) 2-Hexanone	11.182	43	391928	96.966	ug/l	99
61) Tetrachloroethene	11.082	164	68500	24.687	ug/l	93
62) Toluene	10.606	91	322655	20.892	ug/l	97
64) Chlorobenzene	11.870	112	190883	19.956	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.935	131	65001	19.855	ug/l	95
66) Ethyl Benzene	11.941	91	335239	19.695	ug/l	99
67) m/p-Xylenes	12.053	106	255824	40.190	ug/l	100
68) o-Xylene	12.376	106	119215	19.853	ug/l	95
69) Styrene	12.394	104	196457	19.263	ug/l	100
70) Isopropylbenzene	12.676	105	307298	19.311	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	96950	18.808	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	133225	26.678	ug/l	57
73) Bromobenzene	12.959	156	71912	20.017	ug/l	96
74) n-propylbenzene	13.011	91	386973	19.650	ug/l	100
75) 2-Chlorotoluene	13.100	91	224405	18.739	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	256084	19.171	ug/l	98
77) t-1,4-Dichloro-2-butene	12.717	75	30678	17.889	ug/l	93
78) 4-Chlorotoluene	13.200	91	235006	19.366	ug/l	99
79) tert-butylbenzene	13.417	119	211425	18.487	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	250925	18.891	ug/l	99
81) sec-Butylbenzene	13.594	105	312419	18.729	ug/l	99
82) p-Isopropyltoluene	13.706	119	255324	18.524	ug/l	98
83) 1,3-Dichlorobenzene	13.711	146	139122	19.931	ug/l	99
84) 1,4-Dichlorobenzene	13.794	146	137140	19.400	ug/l	98
85) n-Butylbenzene	14.035	91	239107	18.202	ug/l	99
86) Hexachloroethane	14.311	117	45082	17.082	ug/l	98
87) 1,2-Dichlorobenzene	14.082	146	127211	19.308	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.706	75	23395	19.309	ug/l	95
89) 1,2,4-Trichlorobenzene	15.811	180	68792	18.606	ug/l	97
90) Hexachlorobutadiene	15.470	225	26607	18.531	ug/l	97
91) Naphthalene	15.617	128	241446	18.049	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	68792	18.606	ug/l	97

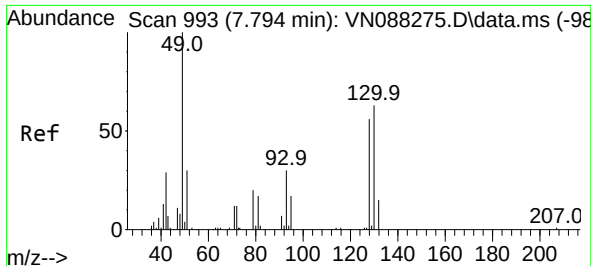
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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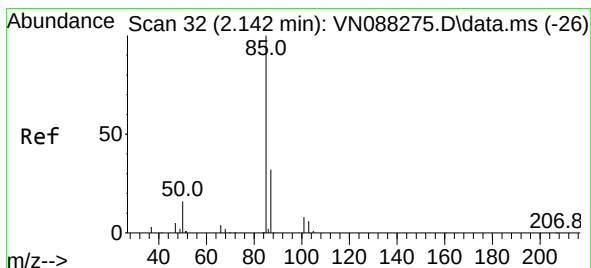
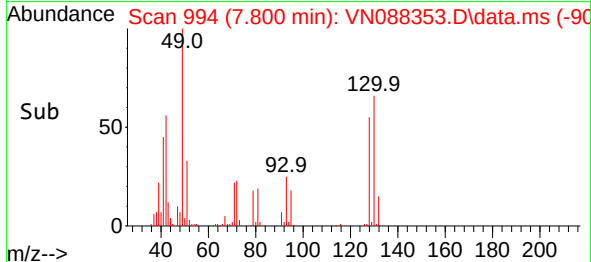
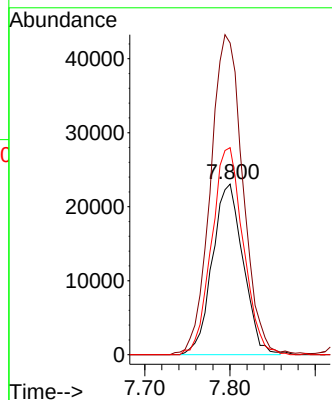
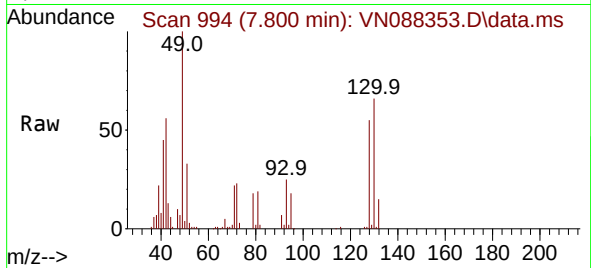




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
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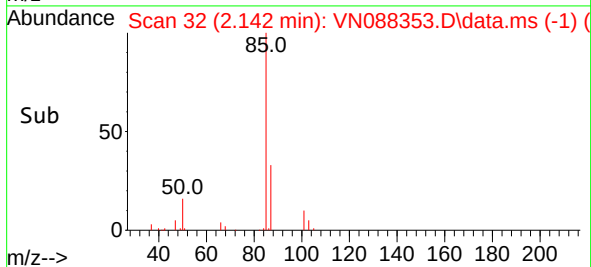
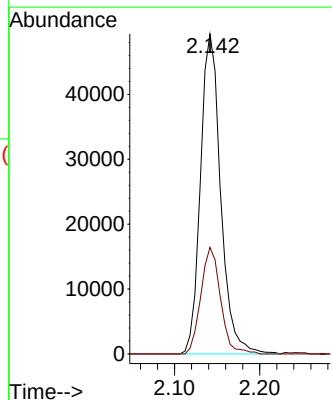
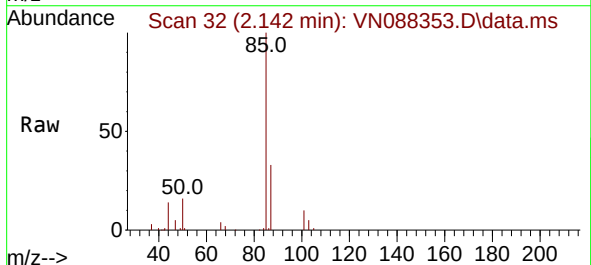
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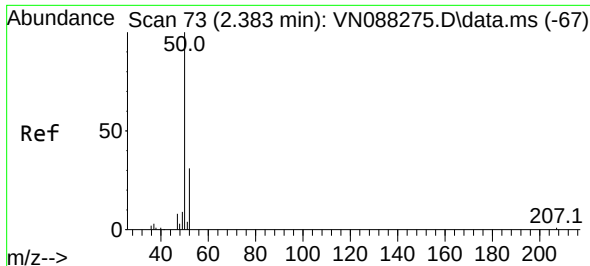
Tgt Ion:128 Resp: 57986
Ion Ratio Lower Upper
128 100
49 197.0 0.0 501.2
130 124.5 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 19.953 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 85 Resp: 81330
Ion Ratio Lower Upper
85 100
87 33.3 16.0 48.0

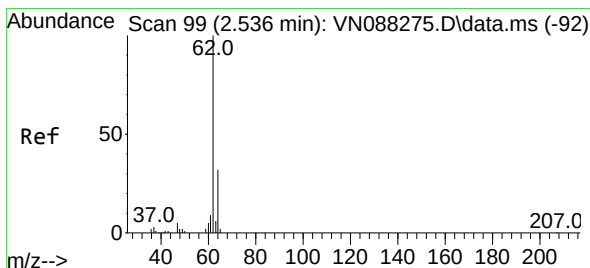
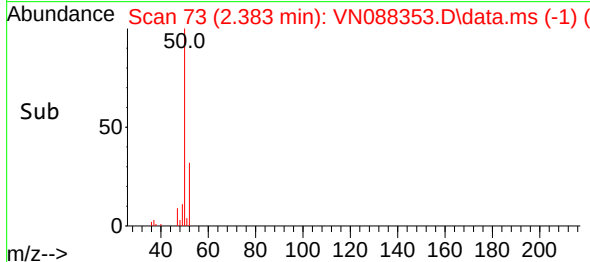
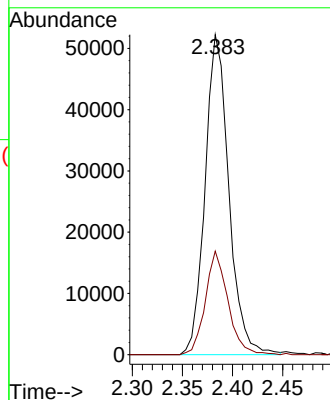
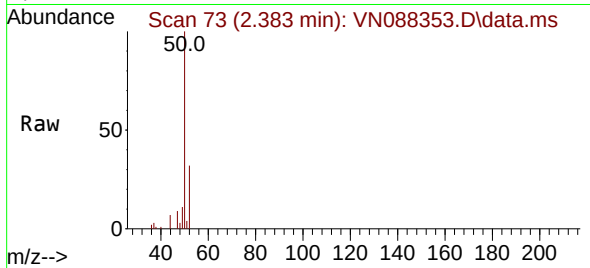




#3
Chloromethane
Concen: 20.534 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

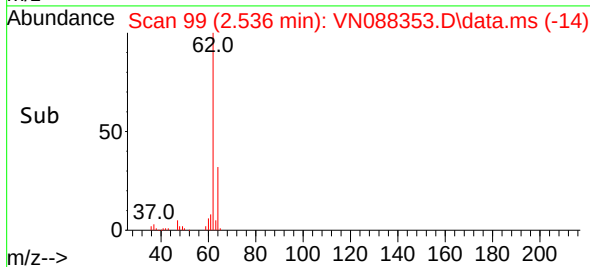
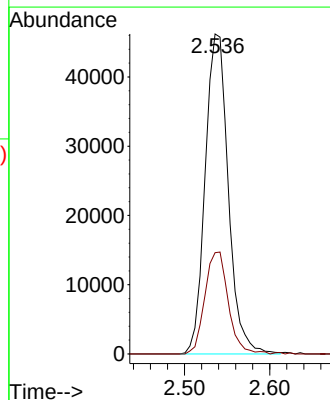
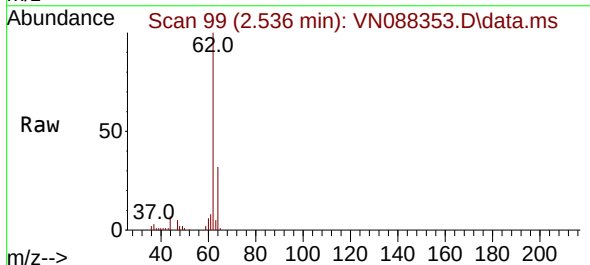
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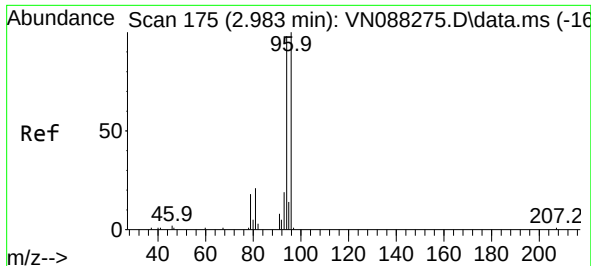
Tgt Ion: 50 Resp: 86295
Ion Ratio Lower Upper
50 100
52 32.4 24.6 36.8



#4
Vinyl Chloride
Concen: 19.609 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 62 Resp: 87137
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.2

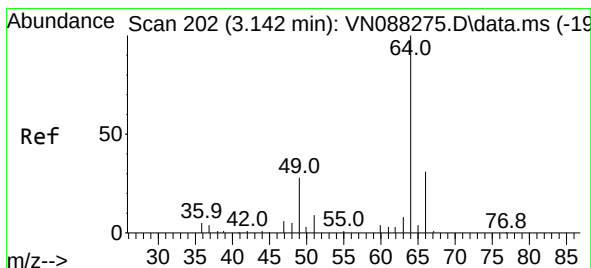
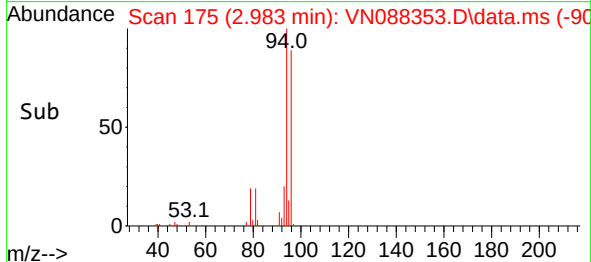
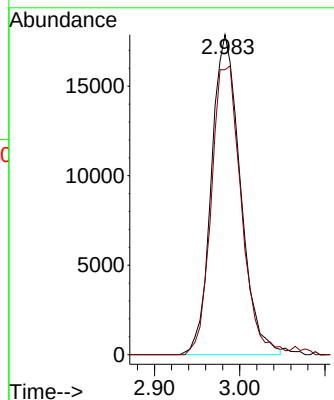
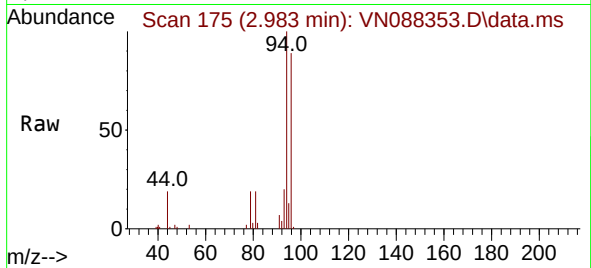




#5
Bromomethane
Concen: 17.828 ug/l
RT: 2.983 min Scan# 175
Delta R.T. -0.000 min
Lab File: VN088353.D
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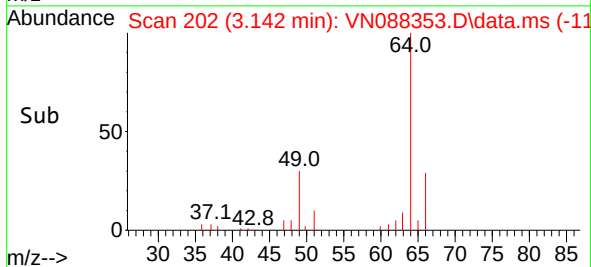
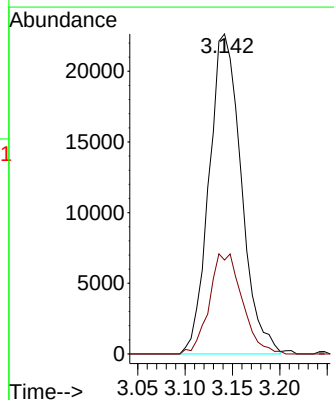
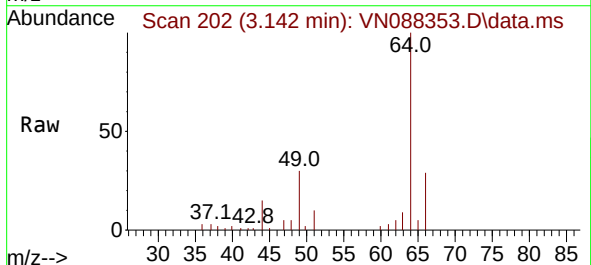
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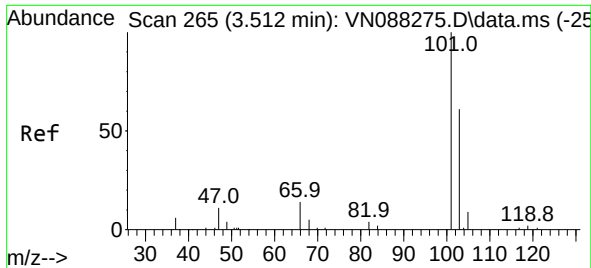
Tgt Ion: 94 Resp: 42242
Ion Ratio Lower Upper
94 100
96 89.0 81.3 121.9



#6
Chloroethane
Concen: 19.484 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 53516
Ion Ratio Lower Upper
64 100
66 29.3 24.7 37.1

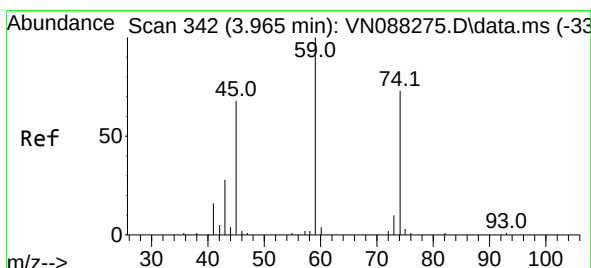
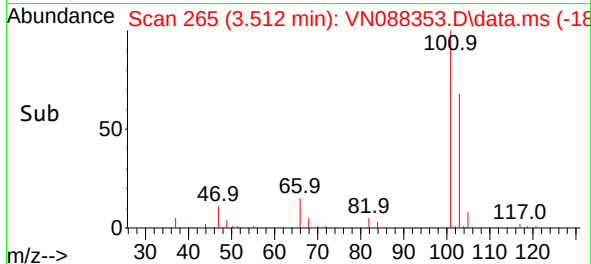
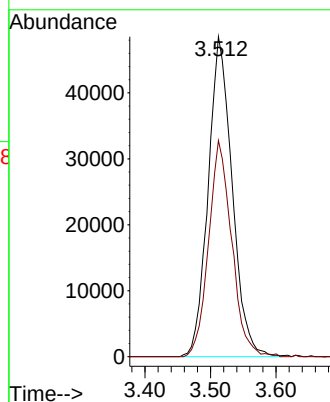
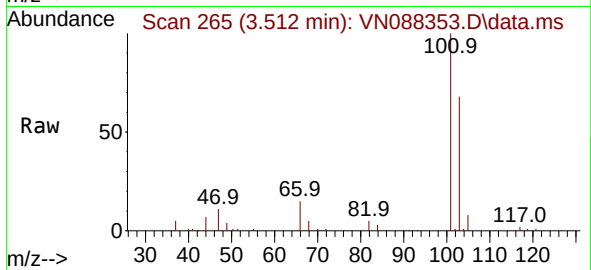




#7
 Trichlorofluoromethane
 Concen: 19.800 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. -0.000 min
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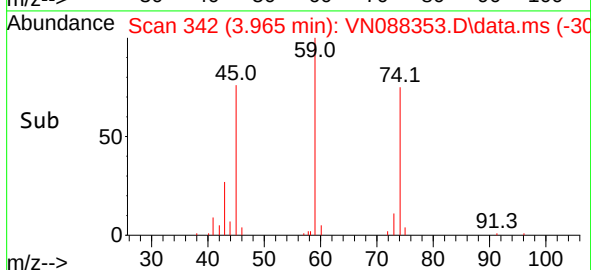
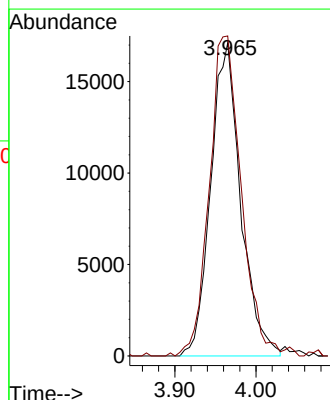
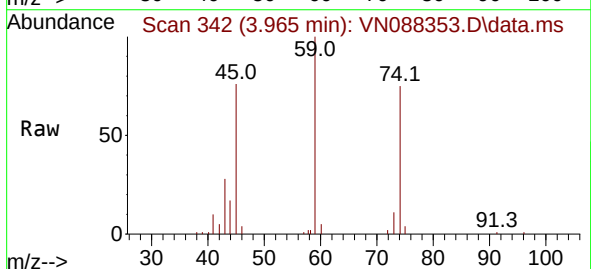
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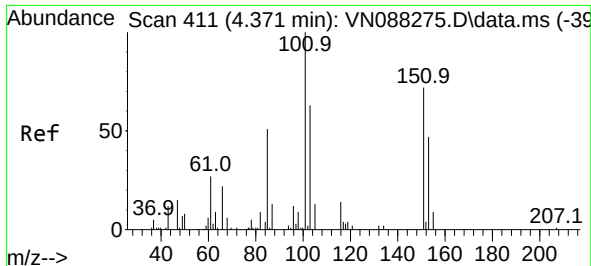
Tgt Ion:101 Resp: 123354
 Ion Ratio Lower Upper
 101 100
 103 67.5 48.6 73.0



#8
 Diethyl Ether
 Concen: 18.836 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 43861
 Ion Ratio Lower Upper
 74 100
 45 107.2 20.9 187.7

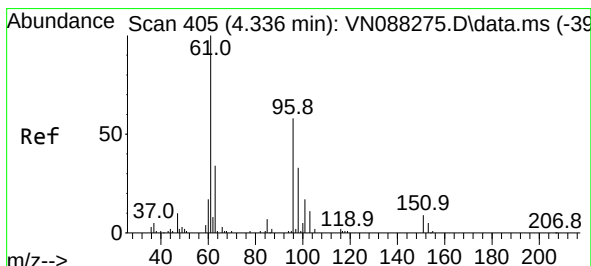
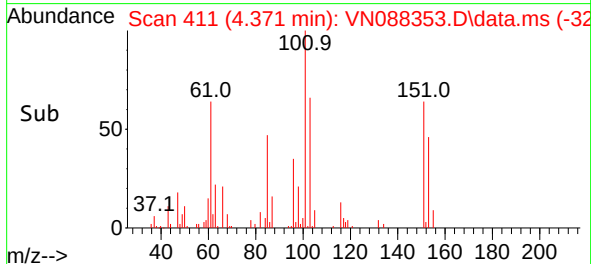
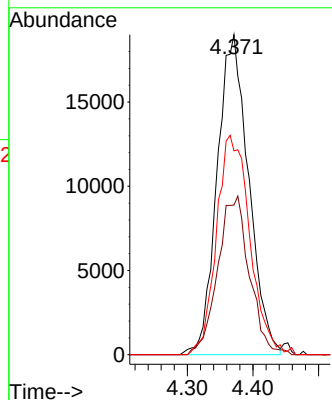
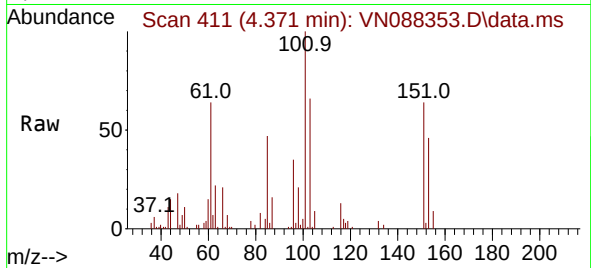




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.395 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.000 min
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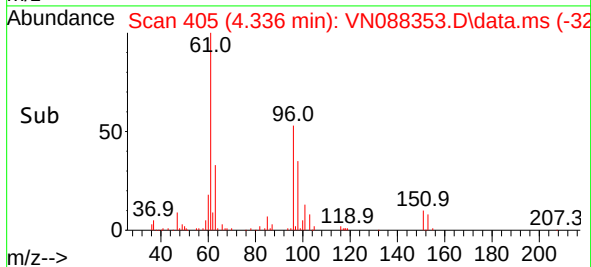
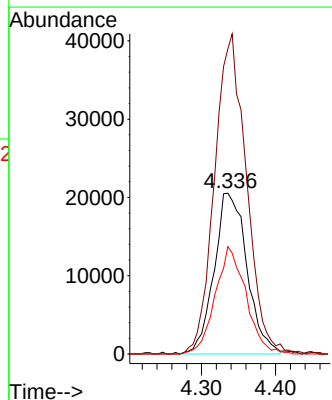
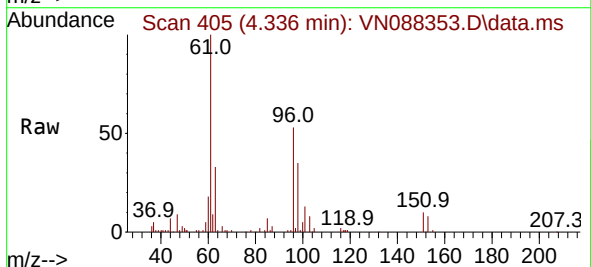
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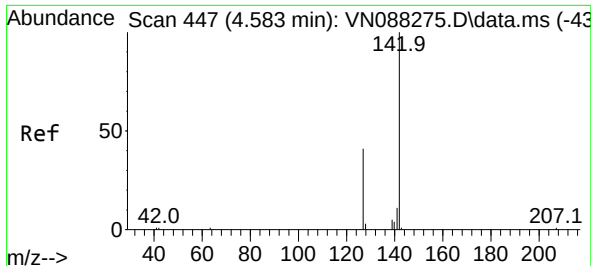
Tgt Ion:101 Resp: 63389
 Ion Ratio Lower Upper
 101 100
 85 22.6 0.0 100.8
 151 72.2 0.0 138.4



#10
 1,1-Dichloroethene
 Concen: 19.814 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VN088353.D
 Acq: 25 Nov 2025 11:03

Tgt Ion: 96 Resp: 63178
 Ion Ratio Lower Upper
 96 100
 61 189.7 137.8 206.8
 98 66.7 45.6 68.4

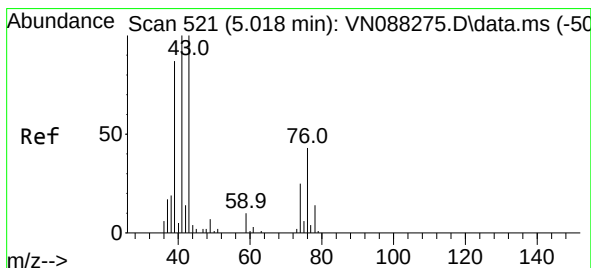
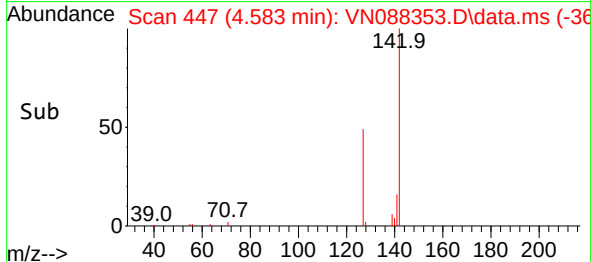
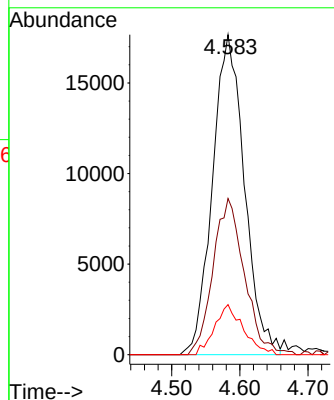
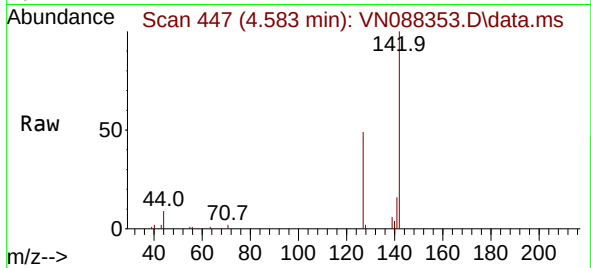




#11
Methyl Iodide
Concen: 16.990 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

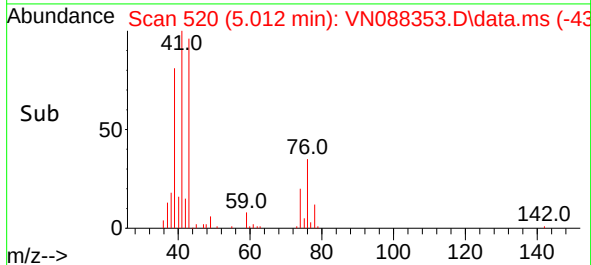
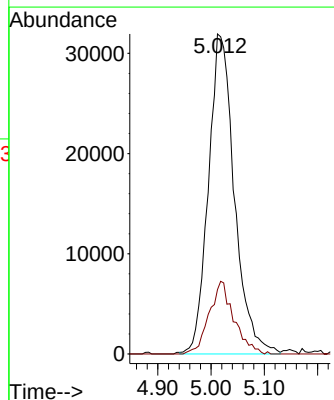
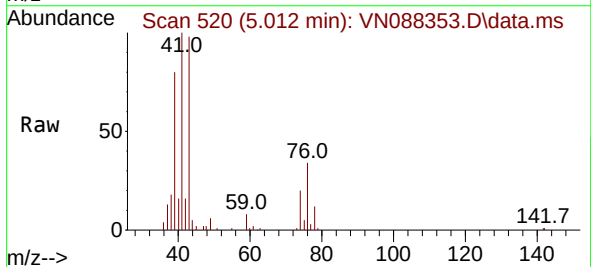
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

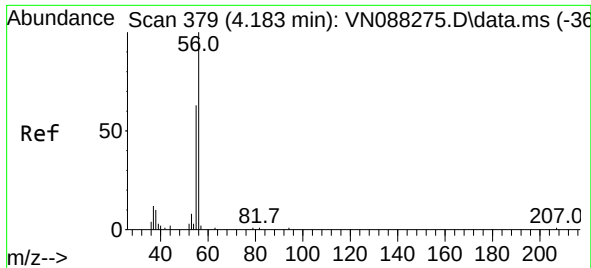
Tgt Ion:142 Resp: 57651
Ion Ratio Lower Upper
142 100
127 48.6 20.4 61.2
141 15.8 5.6 16.8



#12
Methyl Acetate
Concen: 21.055 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 43 Resp: 108311
Ion Ratio Lower Upper
43 100
74 20.2 19.8 29.8

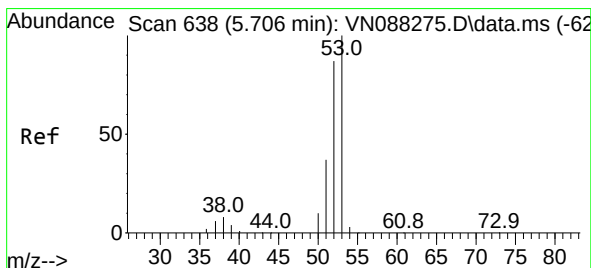
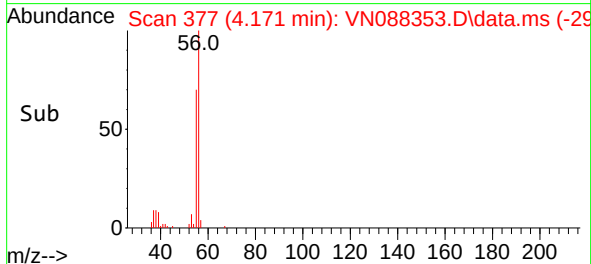
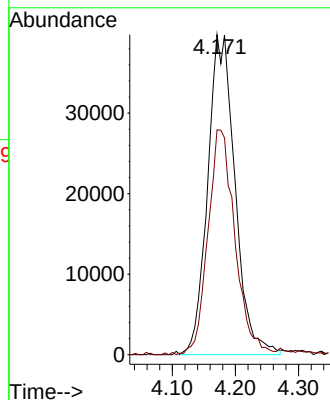
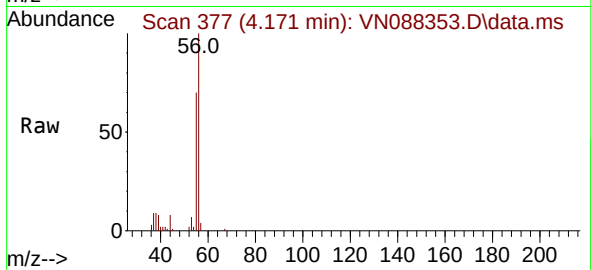




#13
Acrolein
Concen: 158.297 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

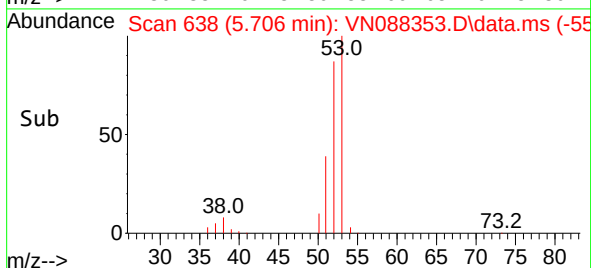
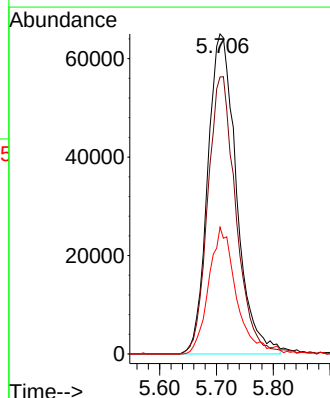
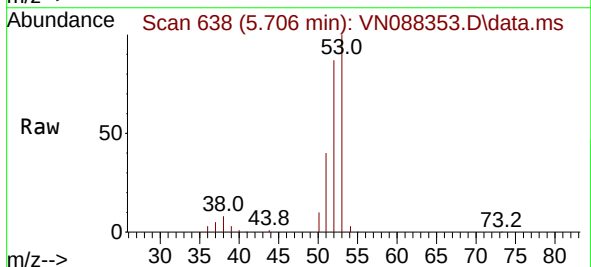
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

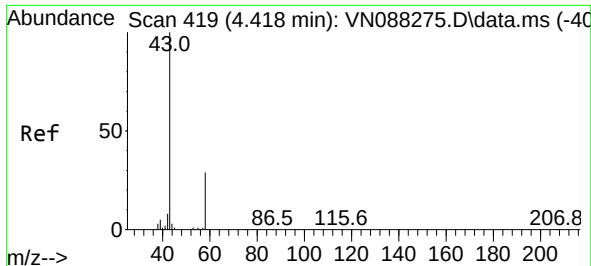
Tgt Ion: 56 Resp: 119806
Ion Ratio Lower Upper
56 100
55 69.2 57.9 86.9



#14
Acrylonitrile
Concen: 97.574 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 53 Resp: 228075
Ion Ratio Lower Upper
53 100
52 84.4 42.3 126.9
51 36.3 18.4 55.2

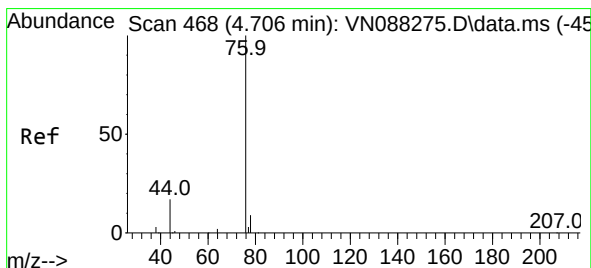
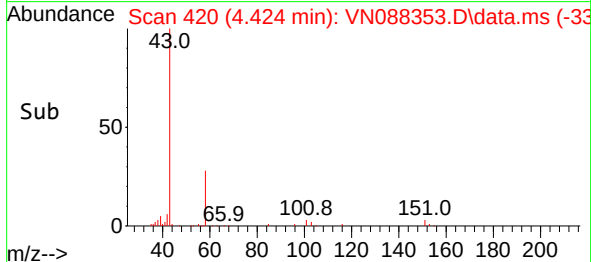
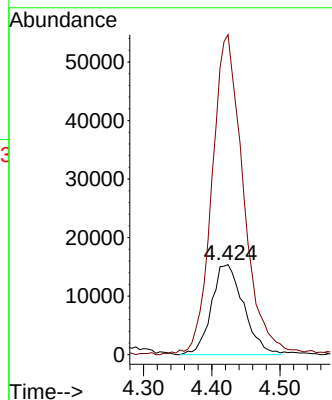
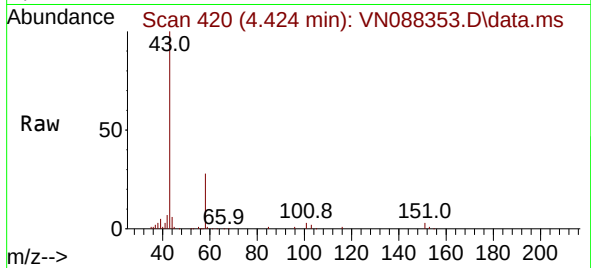




#15
Acetone
Concen: 73.915 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

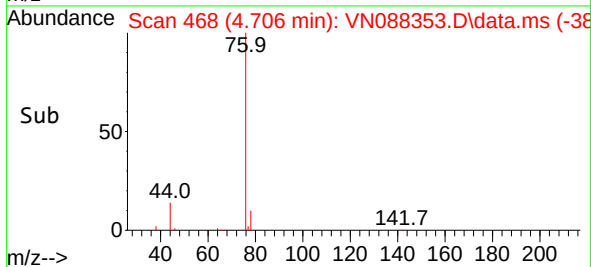
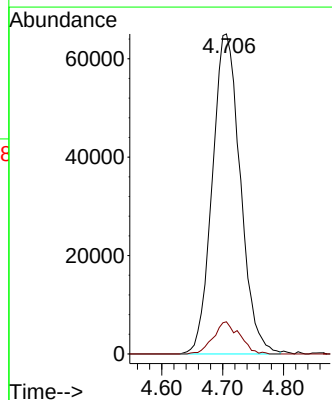
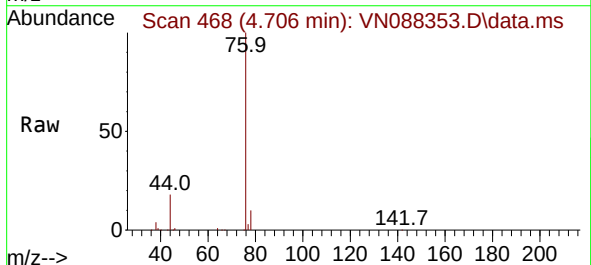
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

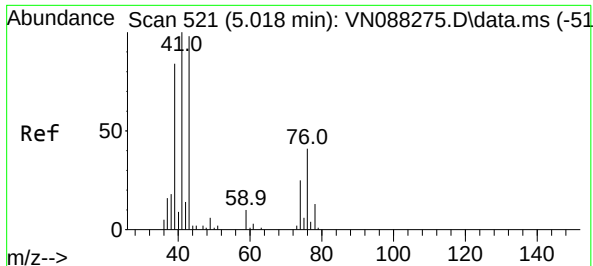
Tgt Ion: 58 Resp: 50525
Ion Ratio Lower Upper
58 100
43 349.7 273.9 410.9



#16
Carbon Disulfide
Concen: 19.305 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 76 Resp: 207603
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3

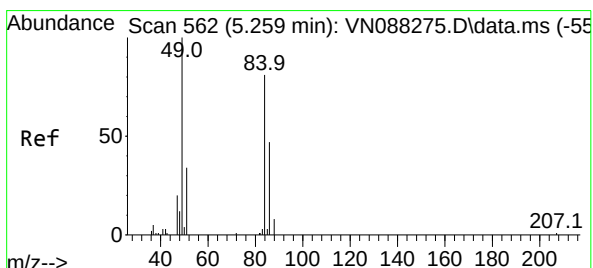
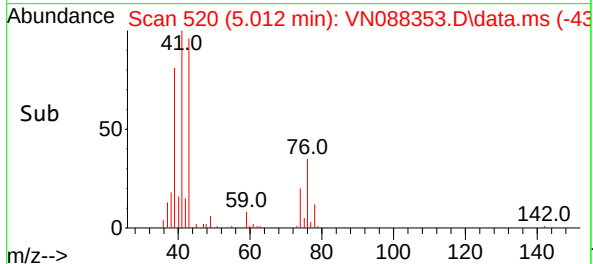
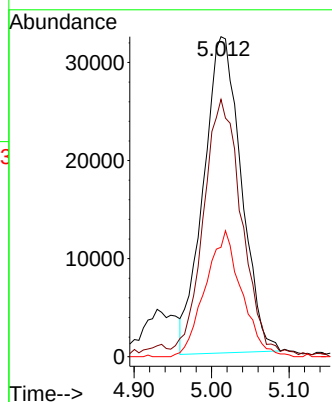
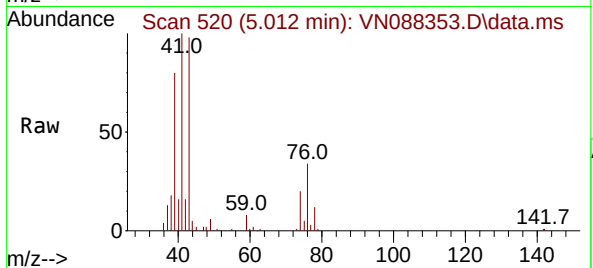




#17
 Allyl chloride
 Concen: 17.598 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN088353.D
 Acq: 25 Nov 2025 11:03

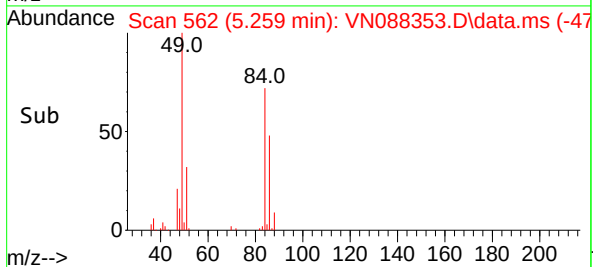
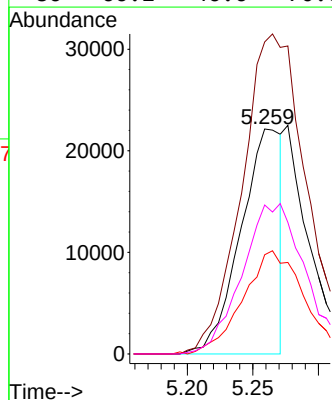
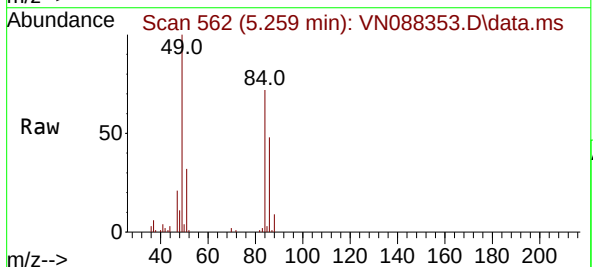
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

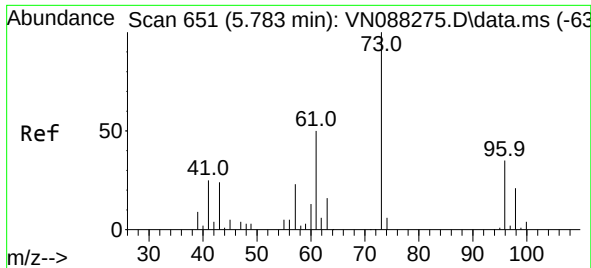
Tgt Ion: 41 Resp: 109044
 Ion Ratio Lower Upper
 41 100
 39 80.2 38.3 114.9
 76 34.0 18.5 55.5



#18
 Methylene Chloride
 Concen: 12.045 ug/l
 RT: 5.259 min Scan# 562
 Delta R.T. -0.000 min
 Lab File: VN088353.D
 Acq: 25 Nov 2025 11:03

Tgt Ion: 84 Resp: 47740
 Ion Ratio Lower Upper
 84 100
 49 138.7 98.7 148.1
 51 43.2 33.7 50.5
 86 66.2 46.6 70.0

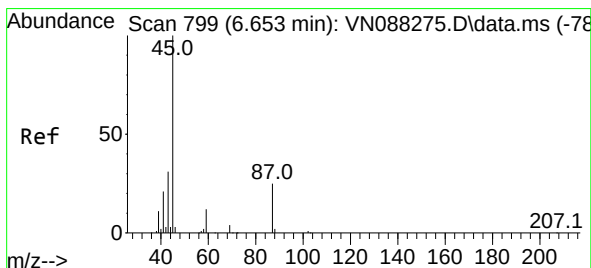
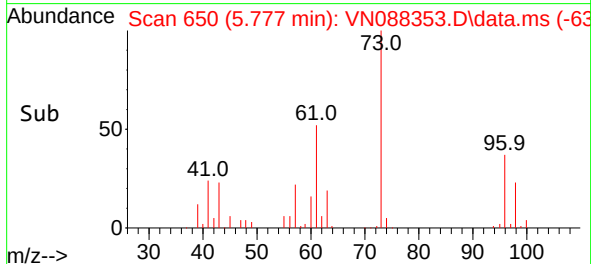
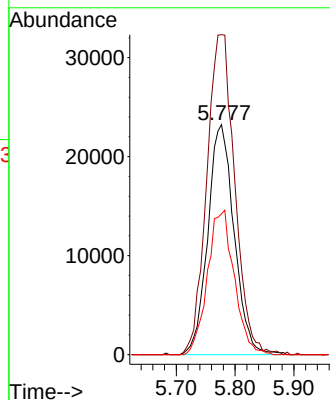
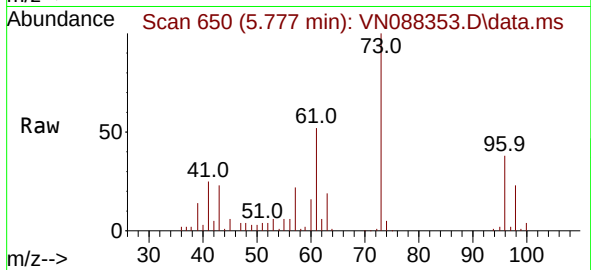




#19
trans-1,2-Dichloroethene
Concen: 19.467 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

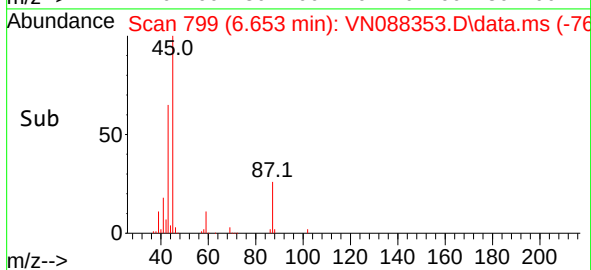
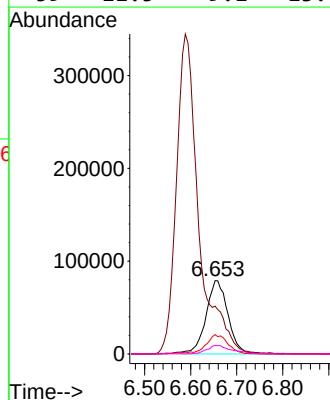
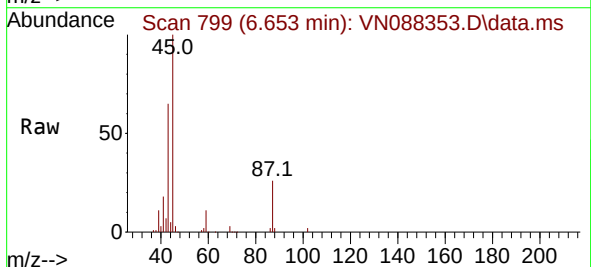
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

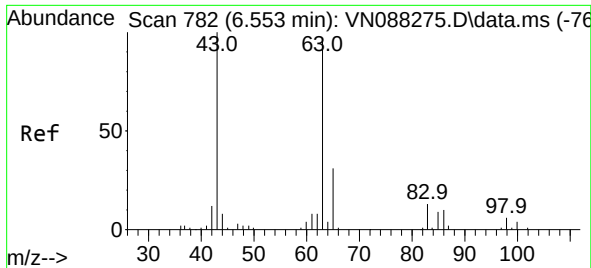
Tgt Ion: 96 Resp: 72280
Ion Ratio Lower Upper
96 100
61 139.1 117.0 175.4
98 61.2 48.6 72.8



#20
Diisopropyl ether
Concen: 19.708 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 45 Resp: 260950
Ion Ratio Lower Upper
45 100
43 64.6 51.9 77.9
87 26.4 21.1 31.7
59 11.5 9.1 13.7

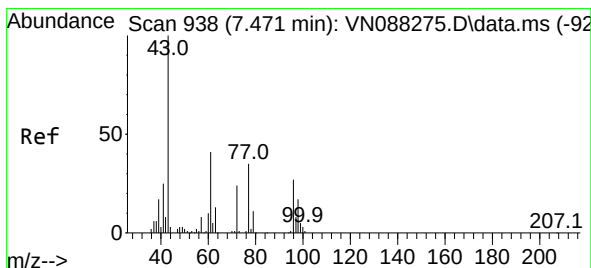
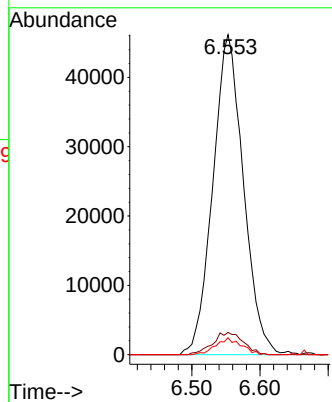
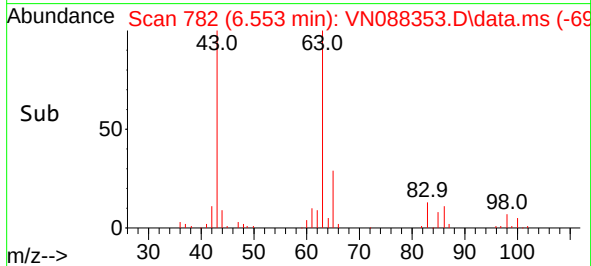
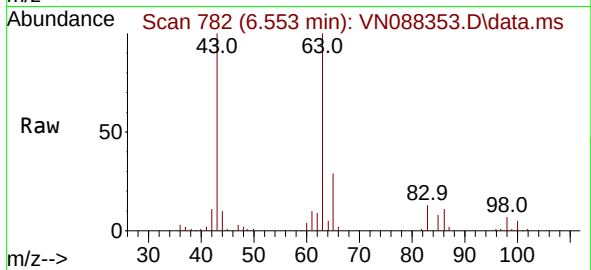




#21
1,1-Dichloroethane
Concen: 19.244 ug/l
RT: 6.553 min Scan# 782
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

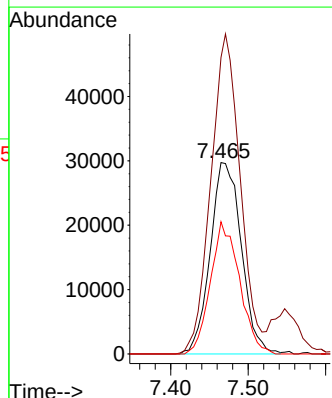
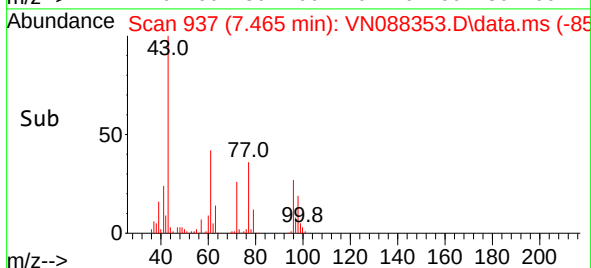
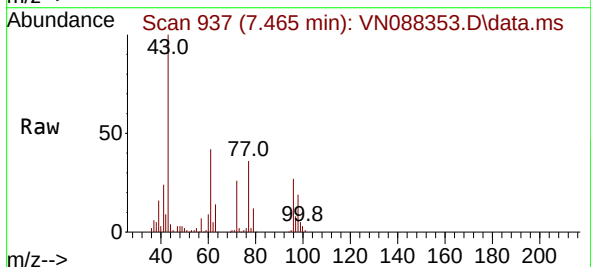
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

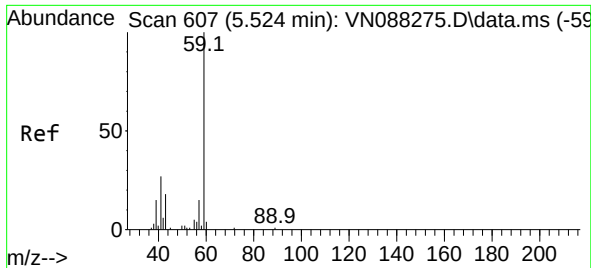
Tgt Ion: 63 Resp: 143555
Ion Ratio Lower Upper
63 100
98 7.0 3.0 9.0
100 5.3 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 19.234 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 96 Resp: 83004
Ion Ratio Lower Upper
96 100
61 157.3 131.2 196.8
98 64.6 51.0 76.4

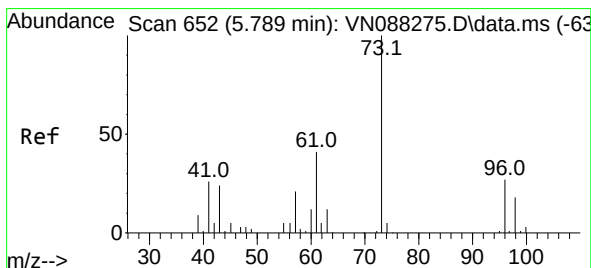
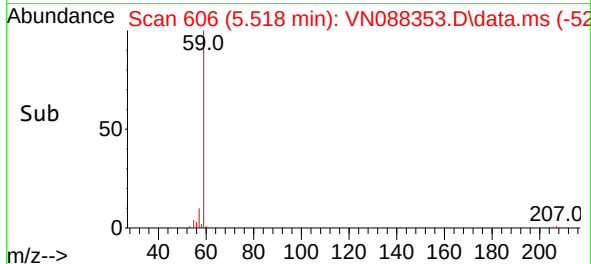
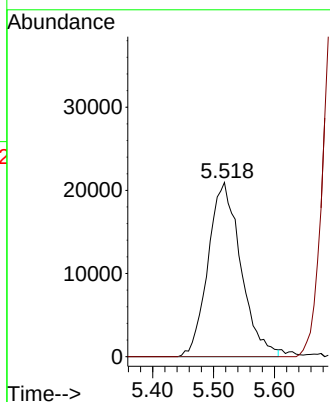
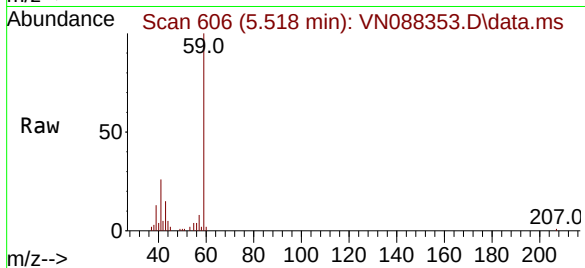




#23
tert-Butyl Alcohol
Concen: 91.146 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

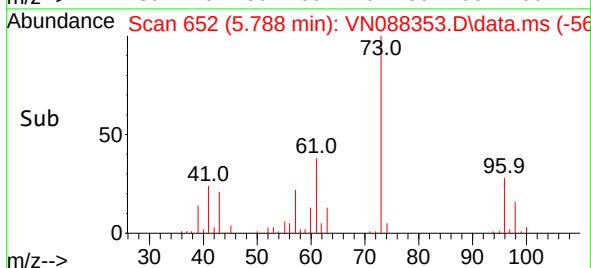
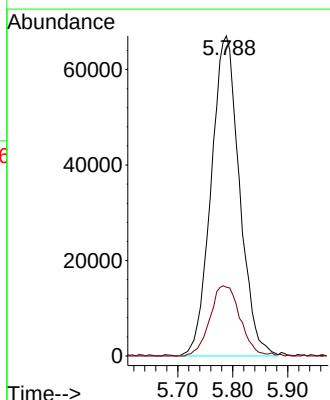
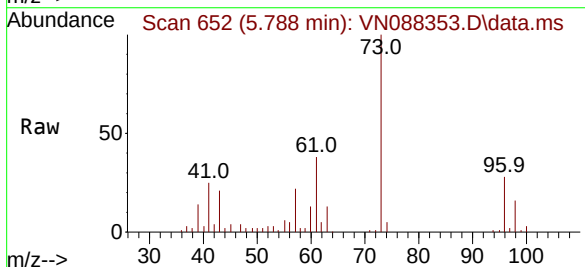
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

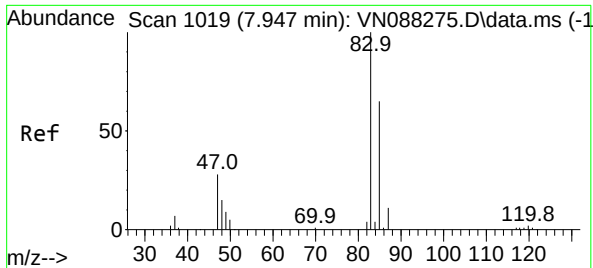
Tgt Ion: 59 Resp: 78340
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.667 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 73 Resp: 239986
Ion Ratio Lower Upper
73 100
43 23.3 18.5 27.7





#25

Chloroform

Concen: 19.777 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VN088353.D

Acq: 25 Nov 2025 11:03

Instrument :

MSVOA_N

ClientSampleId :

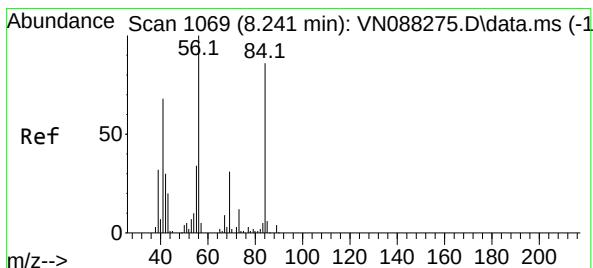
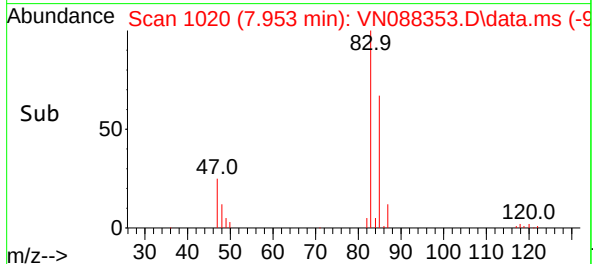
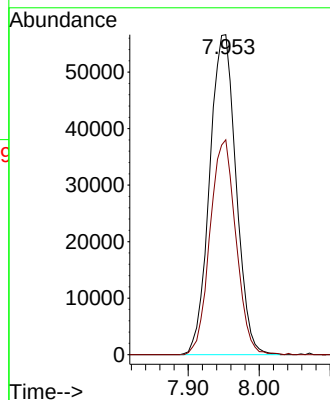
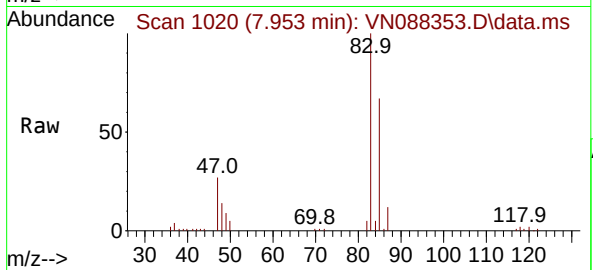
VSTDCCC020

Tgt Ion: 83 Resp: 146184

Ion Ratio Lower Upper

83 100

85 67.2 52.2 78.4



#26

Cyclohexane

Concen: 18.921 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN088353.D

Acq: 25 Nov 2025 11:03

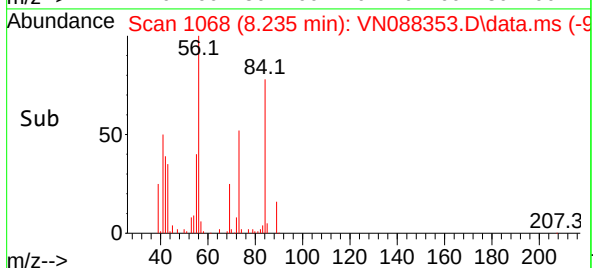
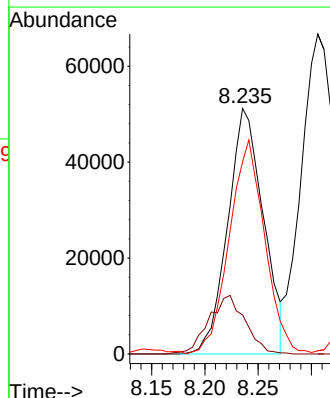
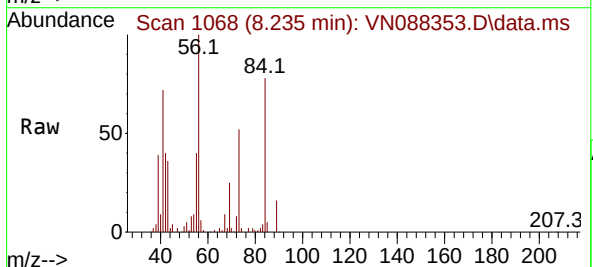
Tgt Ion: 56 Resp: 119223

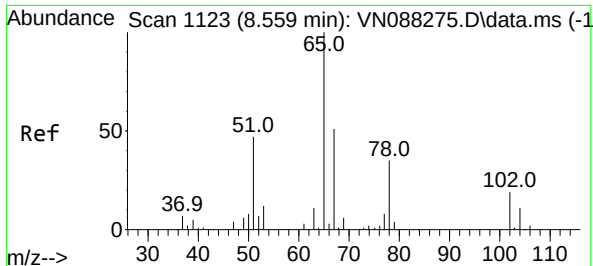
Ion Ratio Lower Upper

56 100

89 24.4 7.3 10.9#

84 86.7 67.8 101.8

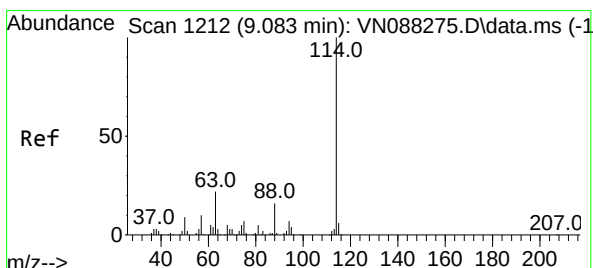
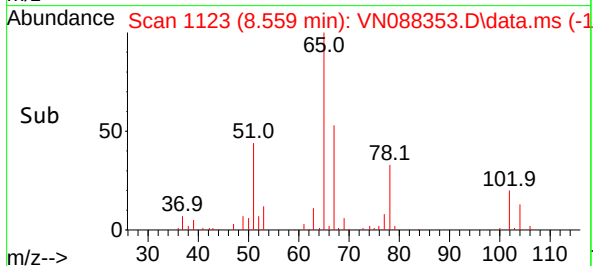
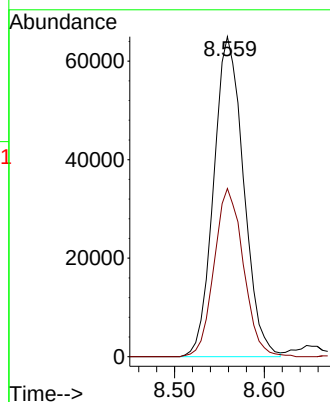
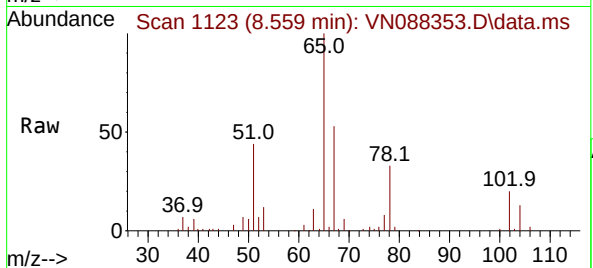




#27
1,2-Dichloroethane-d4
Concen: 28.400 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

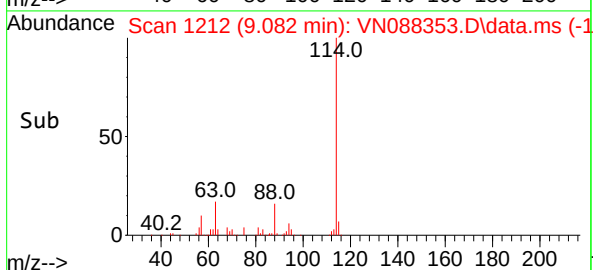
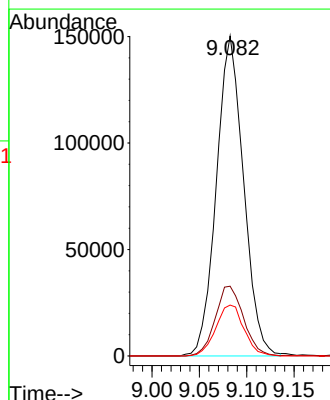
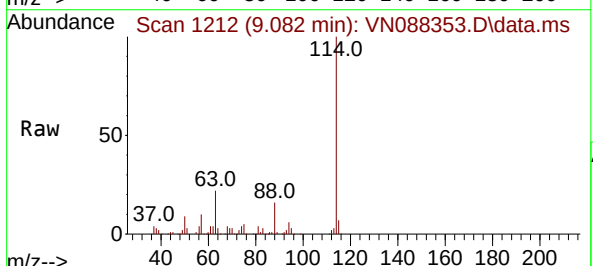
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MSVOA_N
ClientSampleId :
VSTDCCC020

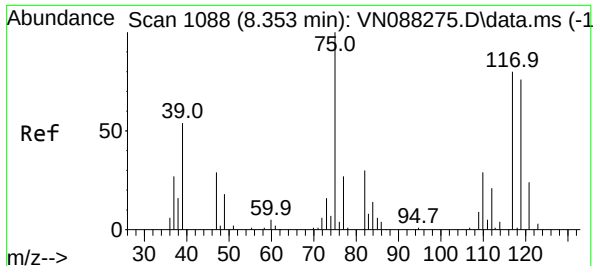
Tgt Ion: 65 Resp: 150428
Ion Ratio Lower Upper
65 100
67 51.5 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 114 Resp: 299947
Ion Ratio Lower Upper
114 100
63 22.7 18.9 28.3
88 16.5 12.8 19.2





#29

1,1-Dichloropropene

Concen: 20.069 ug/l

RT: 8.353 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN088353.D

Acq: 25 Nov 2025 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

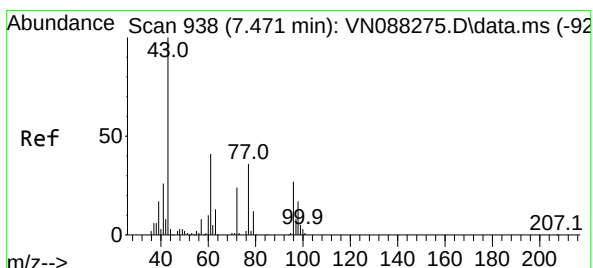
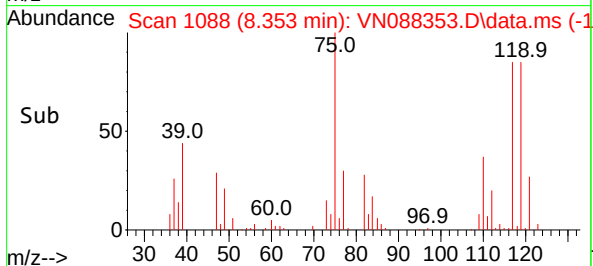
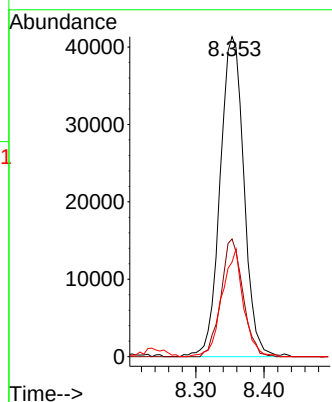
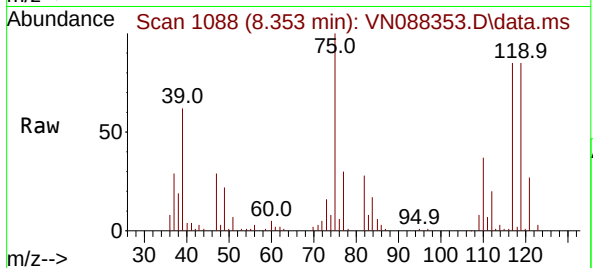
Tgt Ion: 75 Resp: 100443

Ion Ratio Lower Upper

75 100

110 34.1 0.0 65.6

77 30.4 0.0 60.8



#30

2-Butanone

Concen: 91.975 ug/l

RT: 7.471 min Scan# 938

Delta R.T. -0.000 min

Lab File: VN088353.D

Acq: 25 Nov 2025 11:03

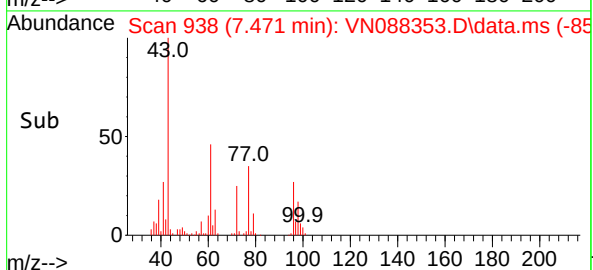
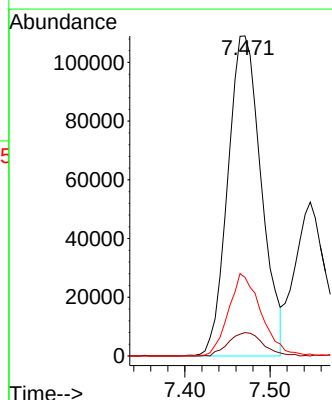
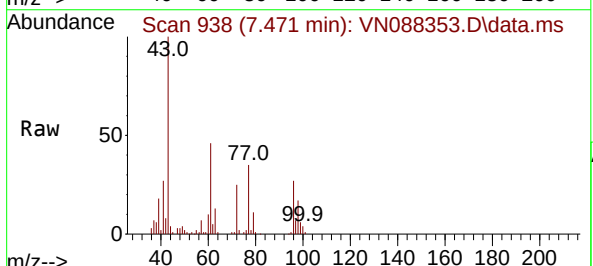
Tgt Ion: 43 Resp: 297757

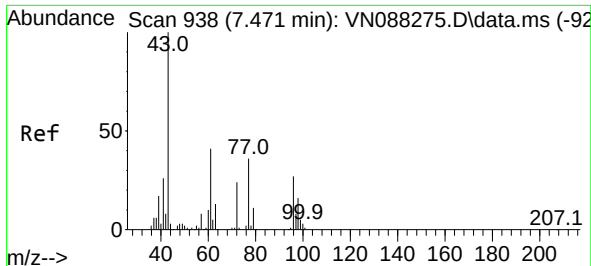
Ion Ratio Lower Upper

43 100

57 7.6 6.2 9.4

72 25.1 19.4 29.2





#31

2,2-Dichloropropane

Concen: 19.410 ug/l

RT: 7.477 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN088353.D

Acq: 25 Nov 2025 11:03

Instrument :

MSVOA_N

ClientSampleId :

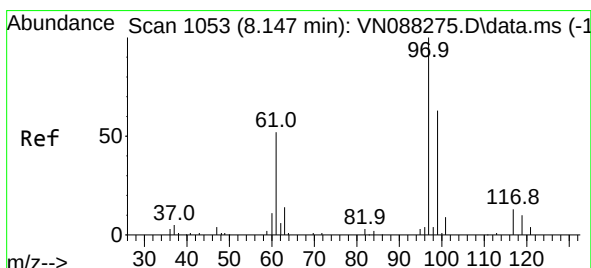
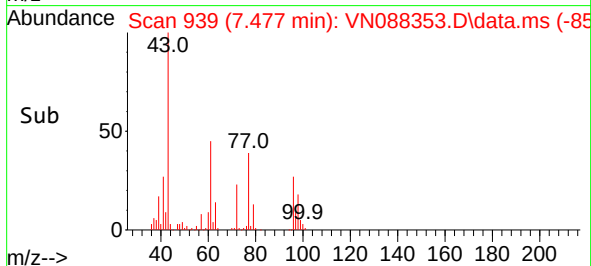
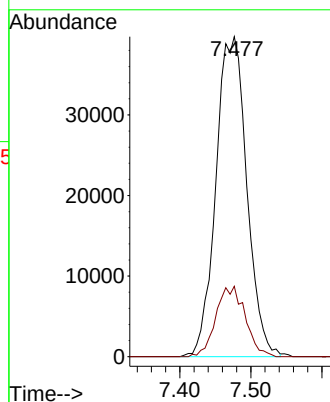
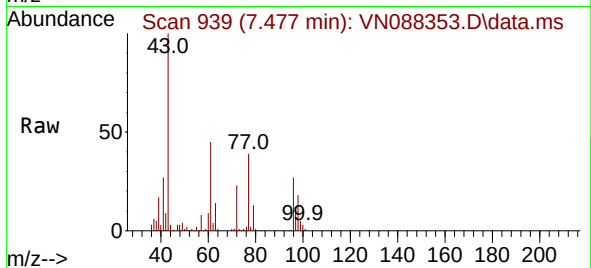
VSTDCCC020

Tgt Ion: 77 Resp: 119813

Ion Ratio Lower Upper

77 100

97 20.9 16.8 25.2



#32

1,1,1-Trichloroethane

Concen: 20.552 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN088353.D

Acq: 25 Nov 2025 11:03

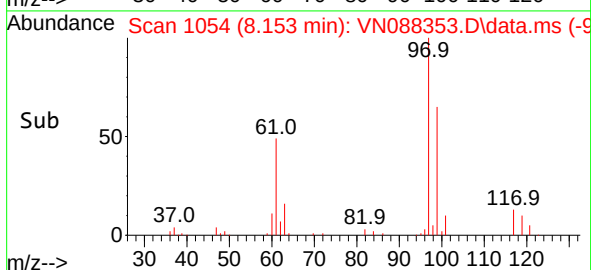
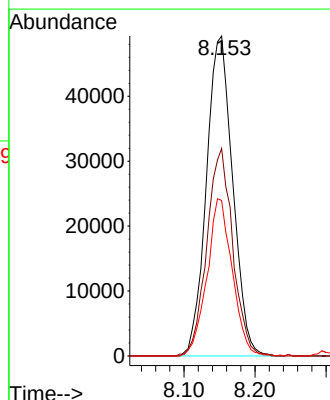
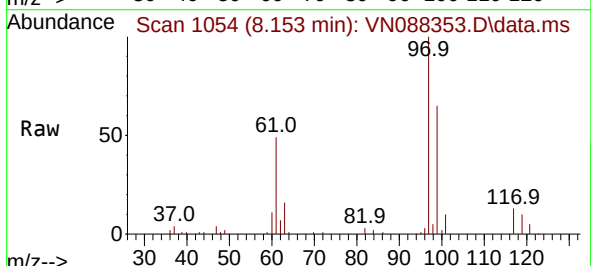
Tgt Ion: 97 Resp: 126795

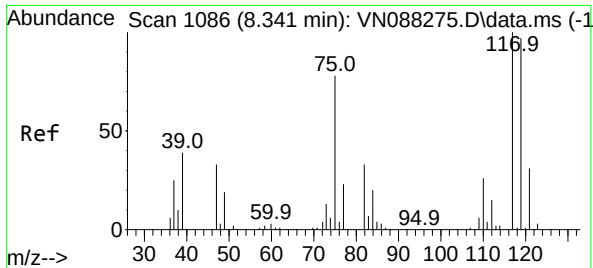
Ion Ratio Lower Upper

97 100

99 63.5 50.2 75.4

61 47.2 39.8 59.8

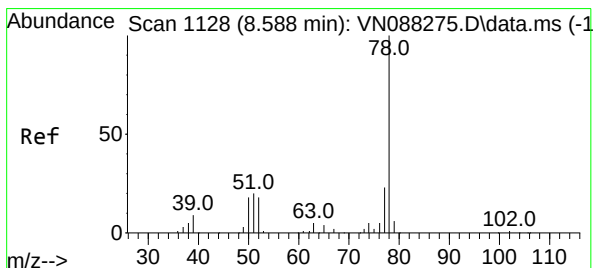
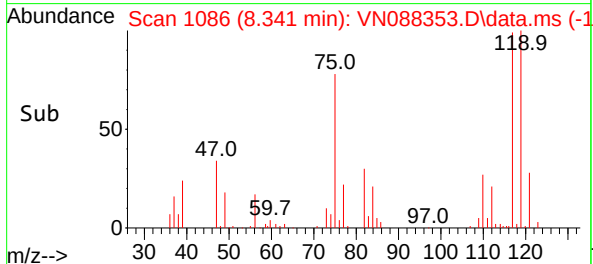
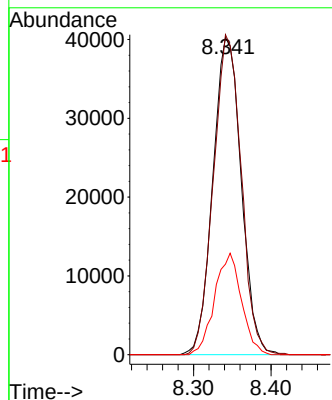
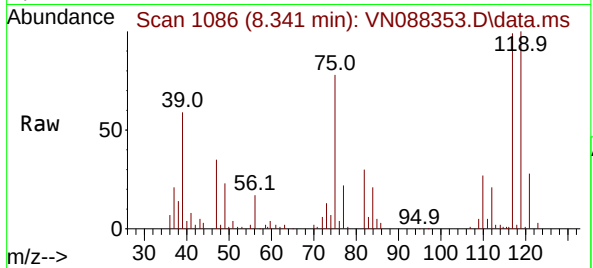




#33
Carbon Tetrachloride
Concen: 19.415 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

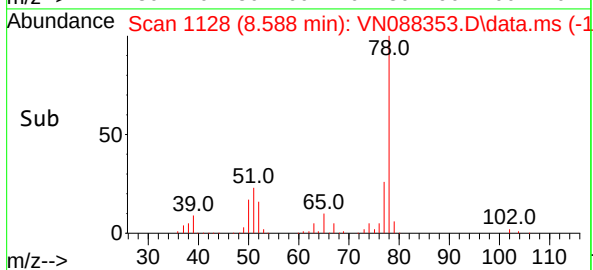
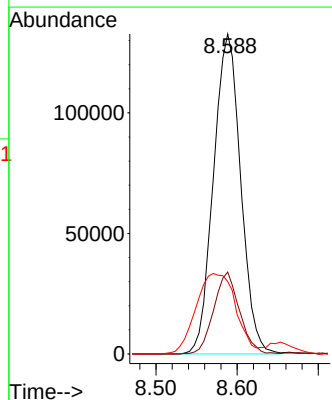
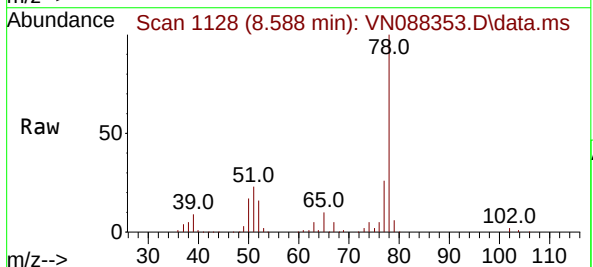
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

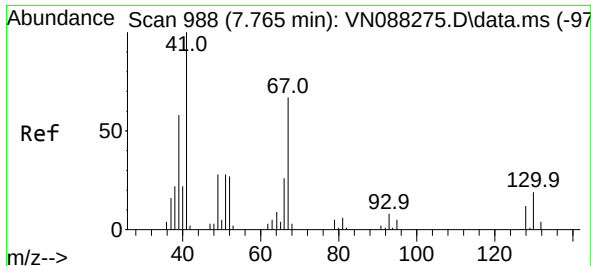
Tgt Ion:117 Resp: 102288
Ion Ratio Lower Upper
117 100
119 100.9 77.8 116.8
121 28.5 24.5 36.7



#34
Benzene
Concen: 20.659 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 78 Resp: 309055
Ion Ratio Lower Upper
78 100
77 25.6 18.6 27.8
51 20.3 15.8 23.8

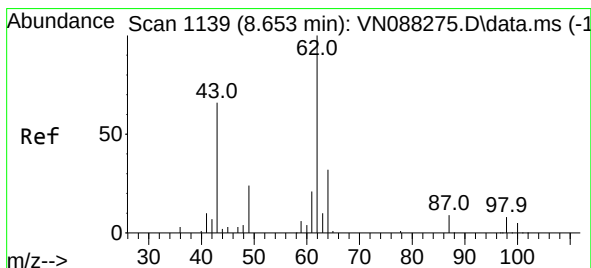
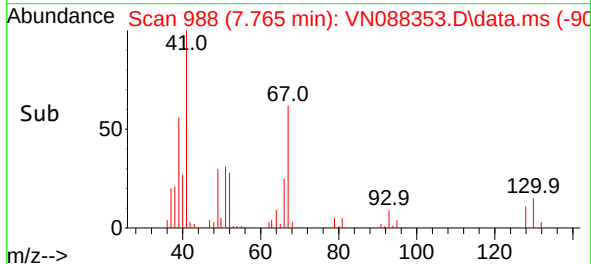
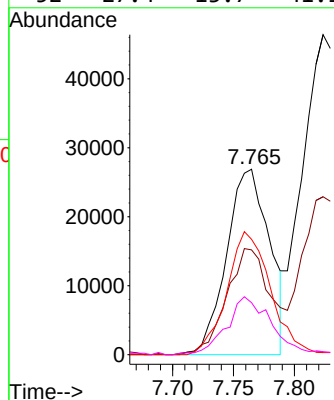
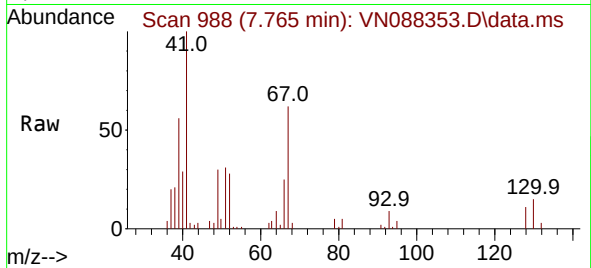




#35
Methacrylonitrile
Concen: 19.565 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

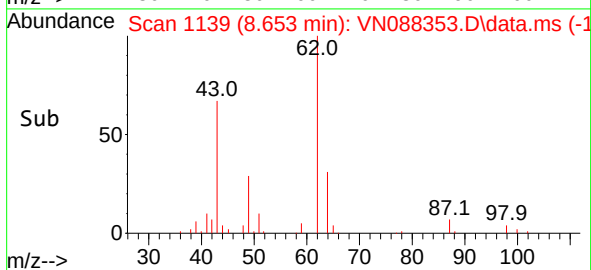
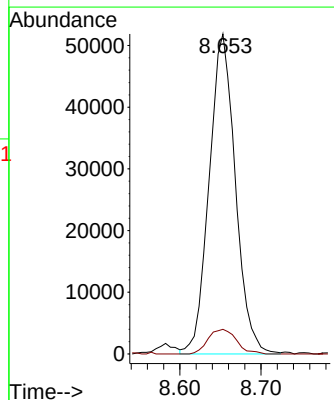
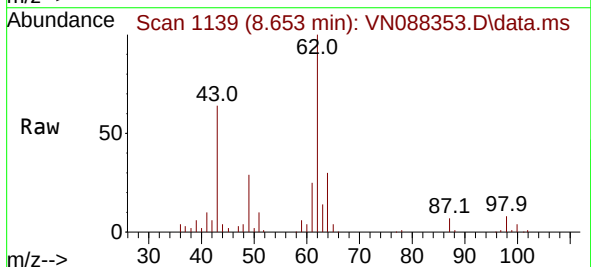
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

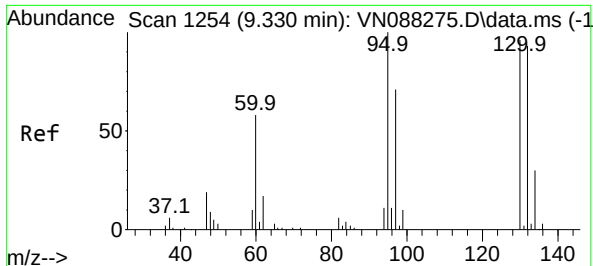
Tgt Ion:	41	Resp:	66069
Ion	Ratio	Lower	Upper
41	100		
39	55.7	29.0	87.0
67	62.3	33.3	99.9
52	27.4	13.7	41.1



#36
1,2-Dichloroethane
Concen: 20.010 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion:	62	Resp:	116495
Ion	Ratio	Lower	Upper
62	100		
98	8.3	6.8	10.2

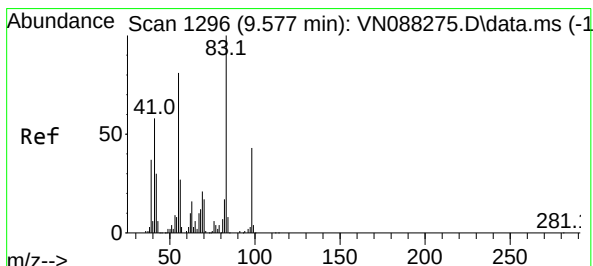
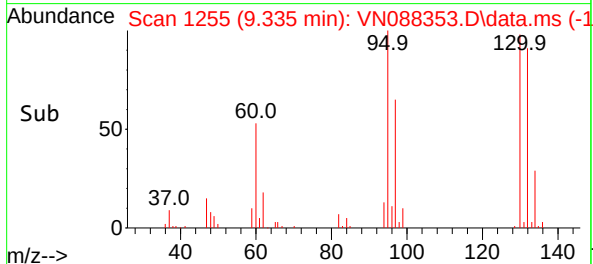
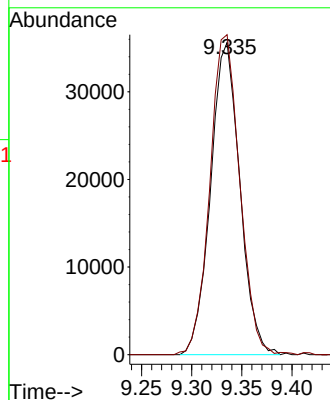
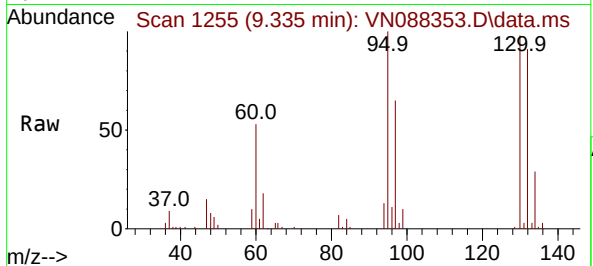




#37
Trichloroethene
Concen: 21.329 ug/l
RT: 9.335 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

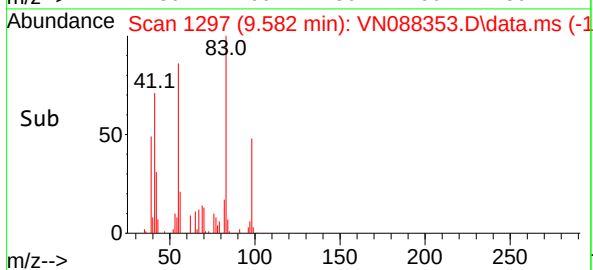
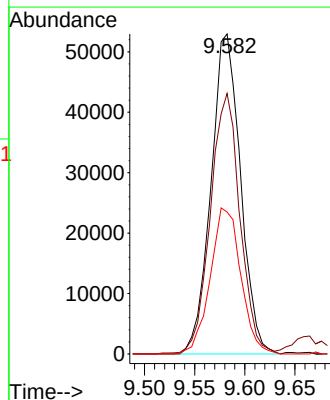
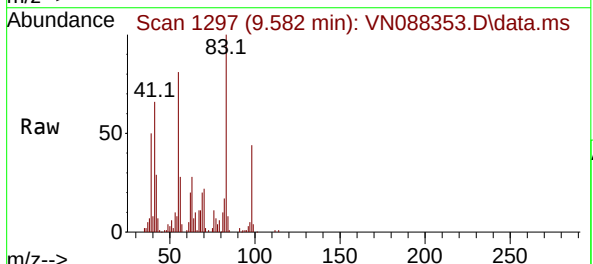
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

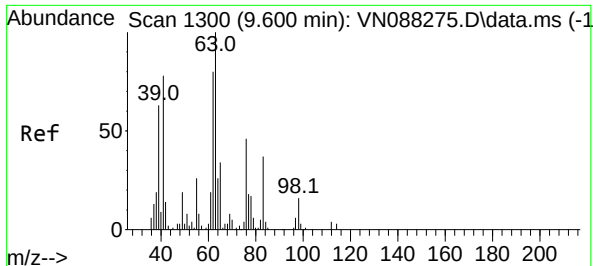
Tgt Ion:130 Resp: 72307
Ion Ratio Lower Upper
130 100
95 101.8 83.7 125.5



#38
Methylcyclohexane
Concen: 18.896 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.006 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 83 Resp: 108423
Ion Ratio Lower Upper
83 100
55 80.6 40.8 122.5
98 47.2 23.4 70.3





#39

1,2-Dichloropropane

Concen: 20.771 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN088353.D

Acq: 25 Nov 2025 11:03

Instrument :

MSVOA_N

ClientSampleId :

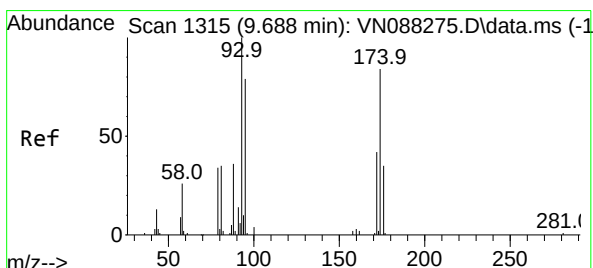
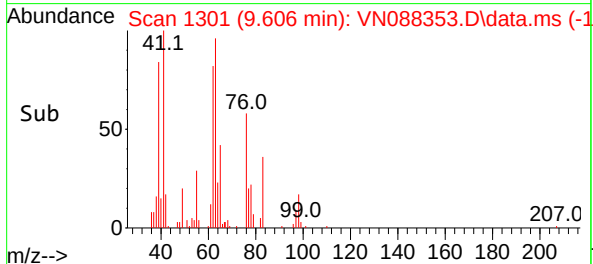
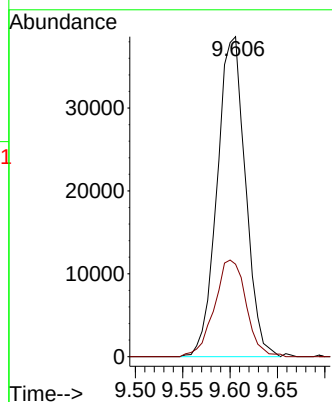
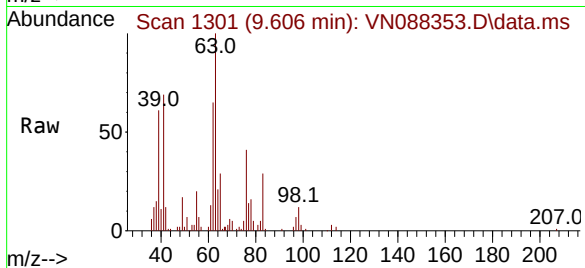
VSTDCCC020

Tgt Ion: 63 Resp: 80167

Ion Ratio Lower Upper

63 100

65 28.9 27.8 41.6



#40

Dibromomethane

Concen: 20.314 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088353.D

Acq: 25 Nov 2025 11:03

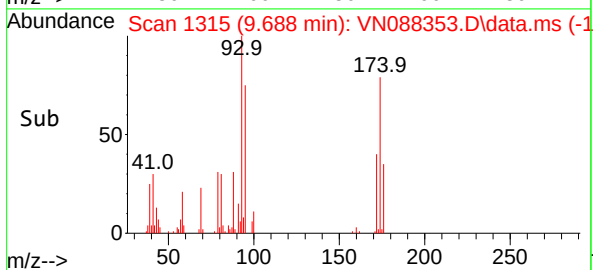
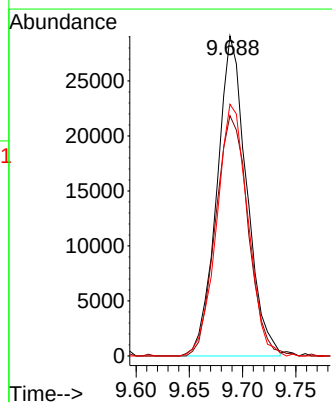
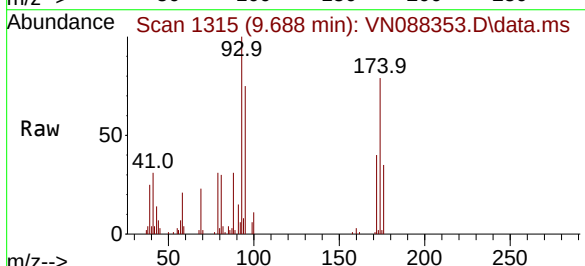
Tgt Ion: 93 Resp: 56332

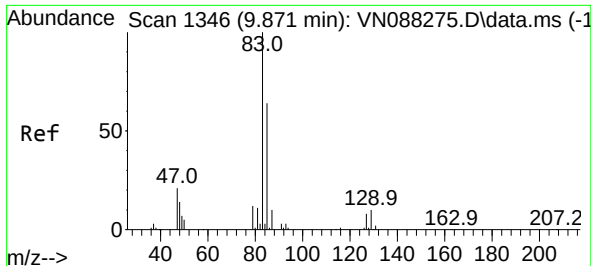
Ion Ratio Lower Upper

93 100

95 82.3 0.0 161.6

174 82.3 0.0 158.2

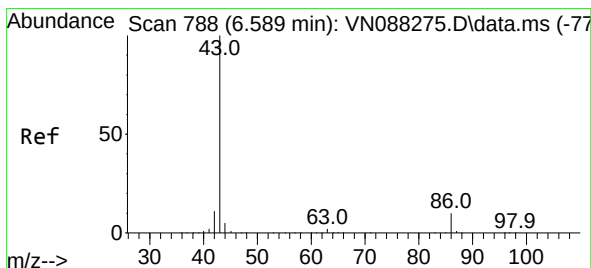
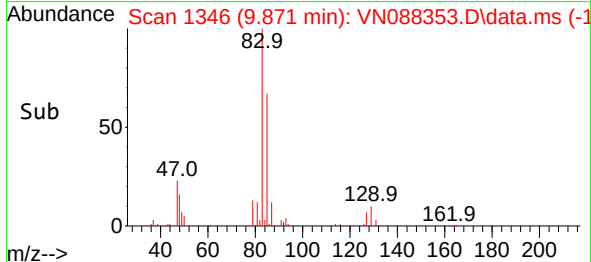
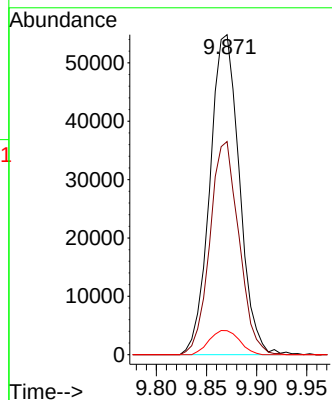
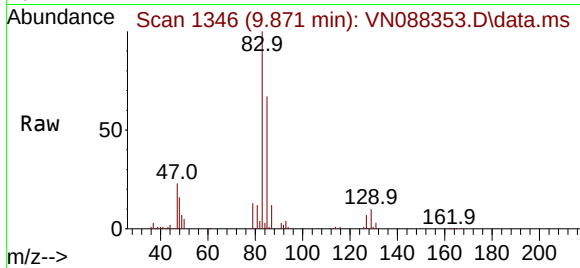




#41
Bromodichloromethane
Concen: 20.097 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

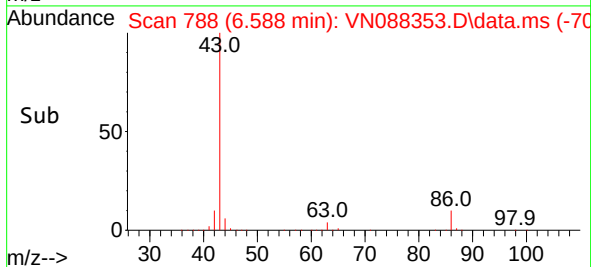
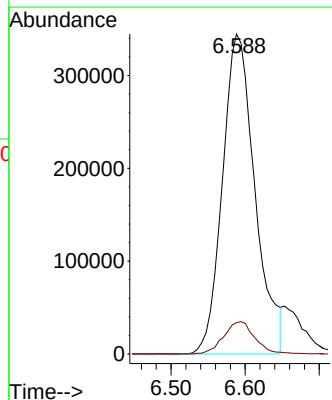
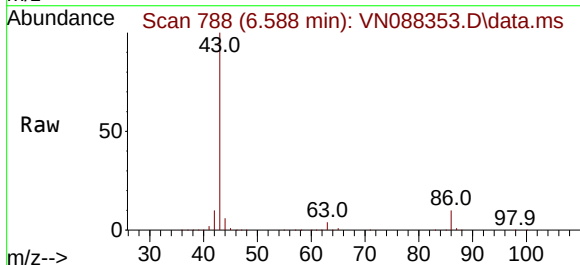
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

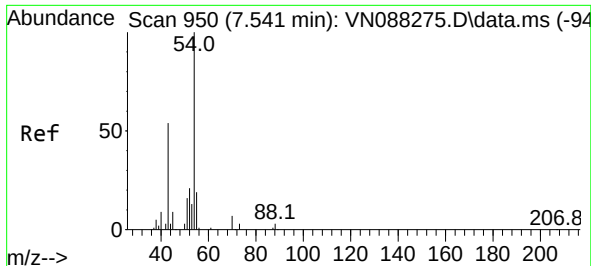
Tgt Ion: 83 Resp: 112188
Ion Ratio Lower Upper
83 100
85 66.6 51.4 77.2
127 7.5 6.4 9.6



#42
Vinyl Acetate
Concen: 97.196 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 43 Resp: 1050214
Ion Ratio Lower Upper
43 100
86 9.6 7.4 11.2

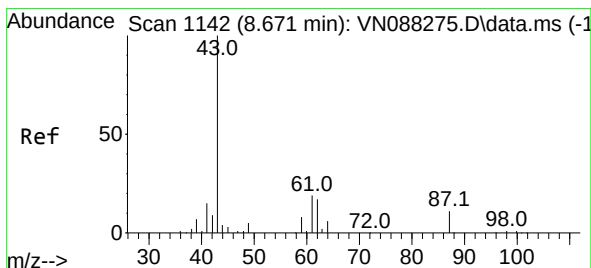
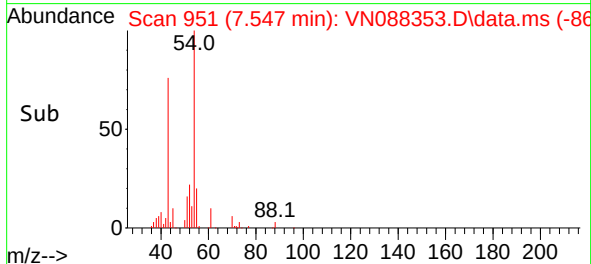
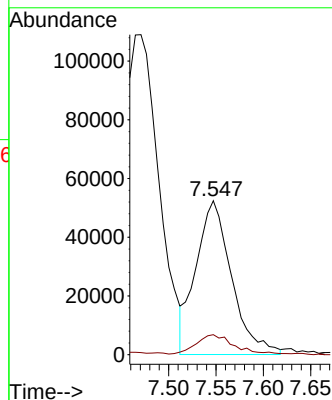
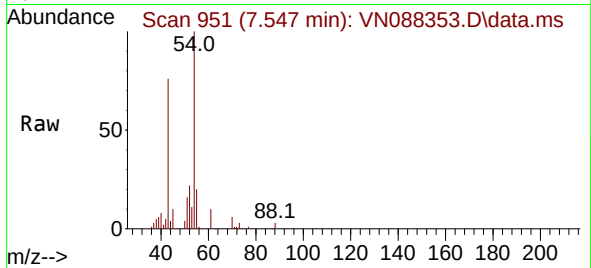




#43
Ethyl Acetate
Concen: 21.058 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

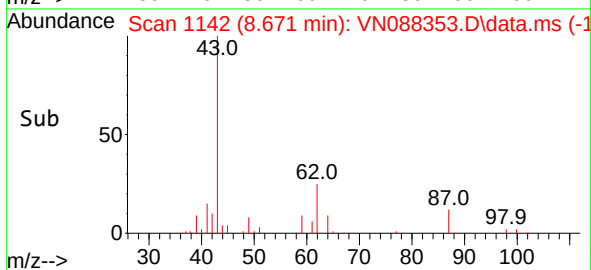
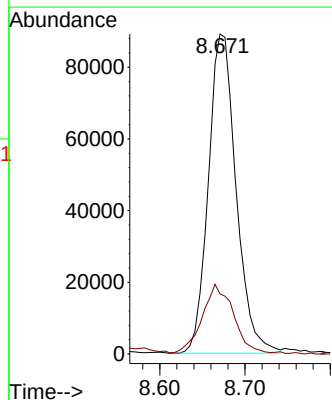
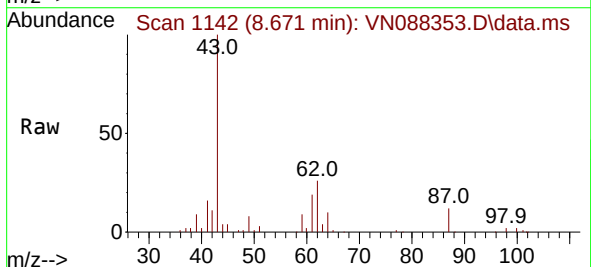
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

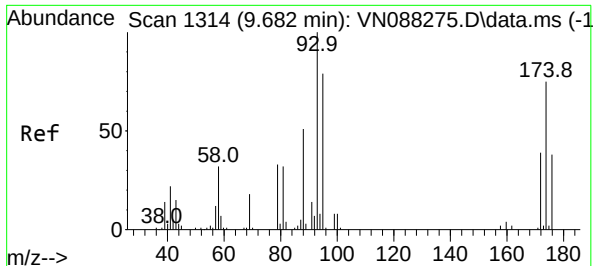
Tgt Ion: 43 Resp: 137168
Ion Ratio Lower Upper
43 100
45 13.5 9.9 14.9



#44
Isopropyl Acetate
Concen: 20.114 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 43 Resp: 201916
Ion Ratio Lower Upper
43 100
61 24.7 19.0 28.6





#45

1,4-Dioxane

Concen: 379.398 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN088353.D

Acq: 25 Nov 2025 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

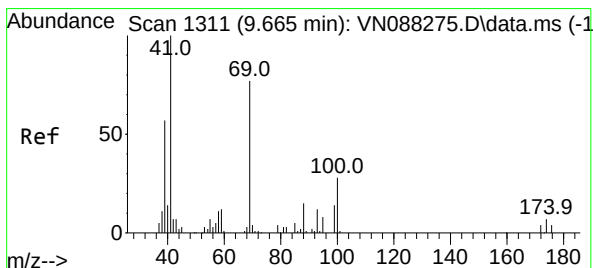
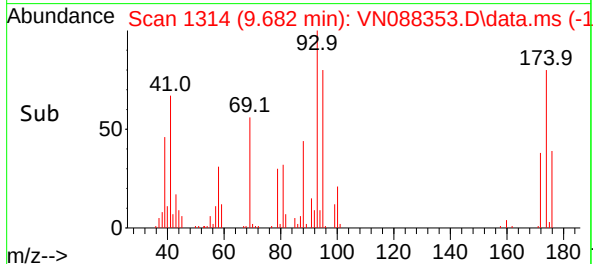
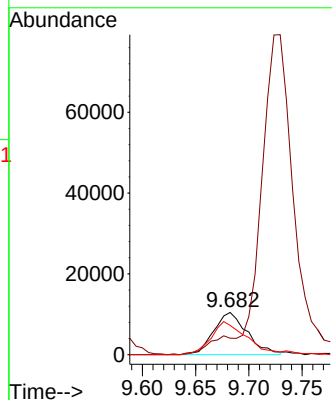
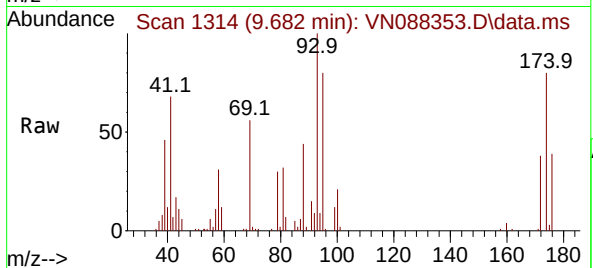
Tgt Ion: 88 Resp: 22935

Ion Ratio Lower Upper

88 100

43 36.7 27.8 41.8

58 81.7 59.5 89.3



#46

Methyl methacrylate

Concen: 19.290 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN088353.D

Acq: 25 Nov 2025 11:03

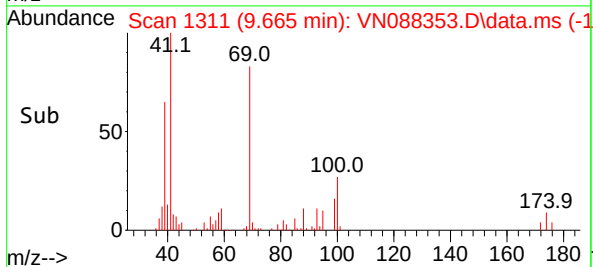
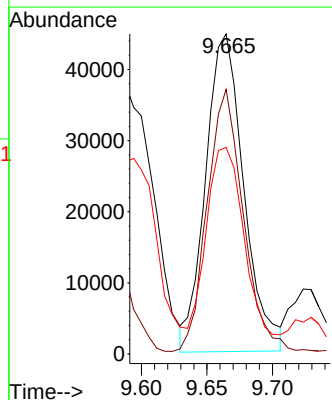
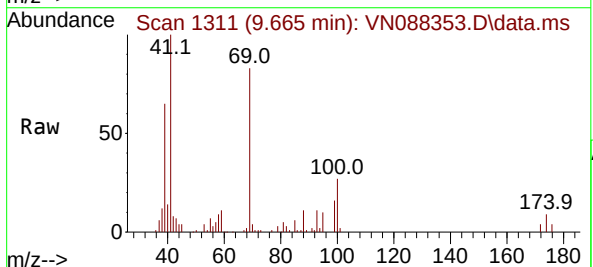
Tgt Ion: 41 Resp: 90614

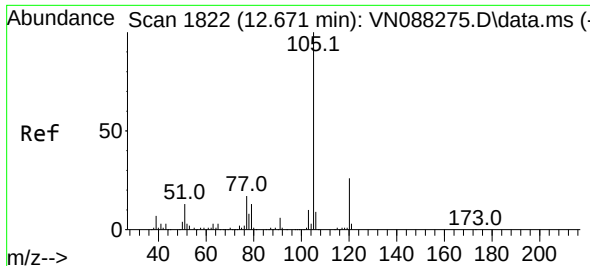
Ion Ratio Lower Upper

41 100

69 88.5 38.5 115.3

39 63.8 29.0 87.1

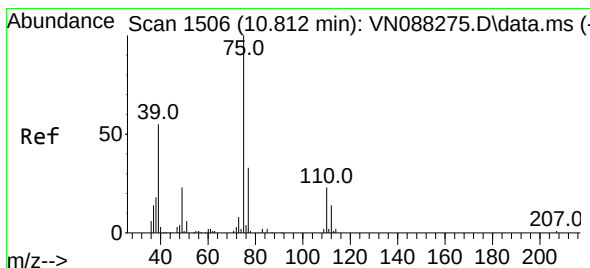
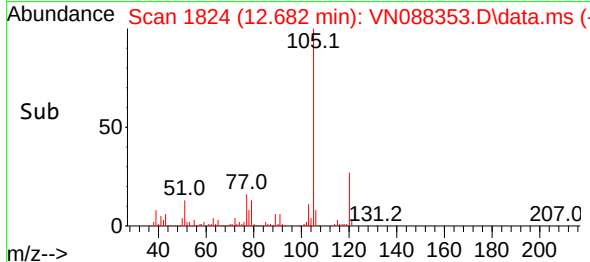
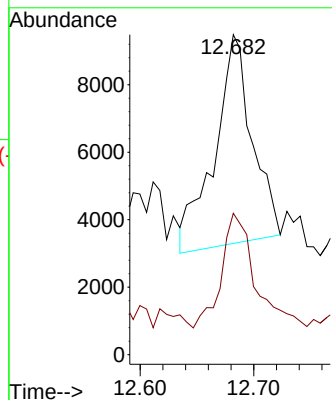
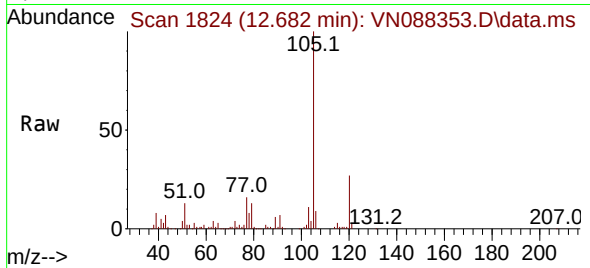




#47
n-amy1 Acetate
Concen: 2.799 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

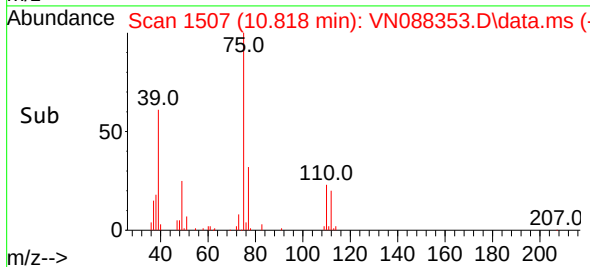
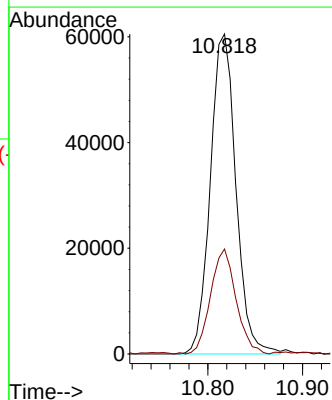
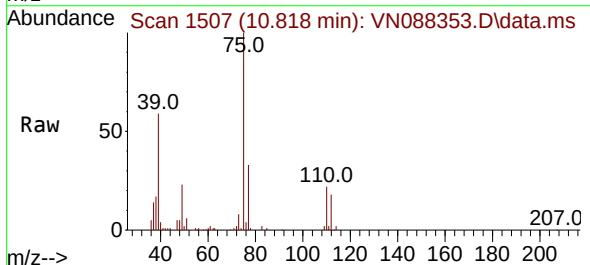
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

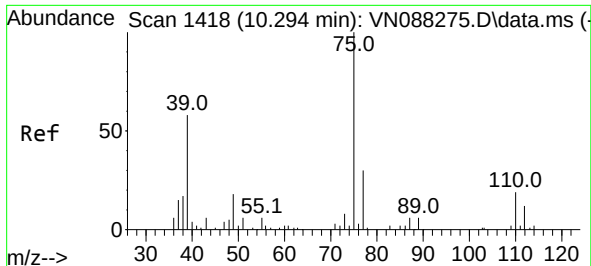
Tgt Ion: 43 Resp: 14240
Ion Ratio Lower Upper
43 100
55 74.4 0.0 0.0#



#48
t-1,3-Dichloropropene
Concen: 19.034 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.006 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 75 Resp: 113648
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1

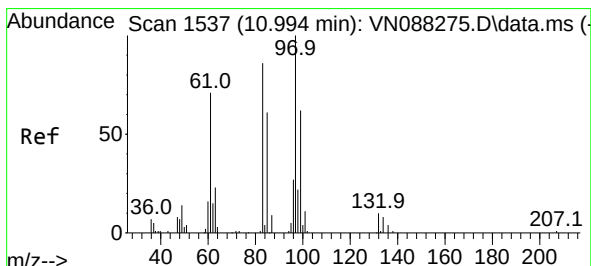
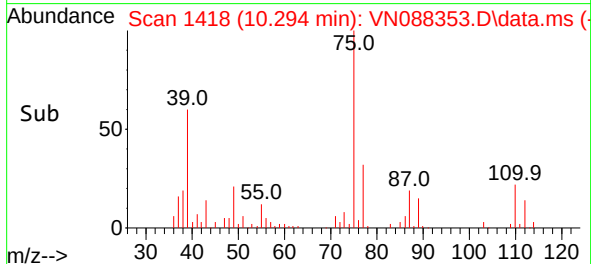
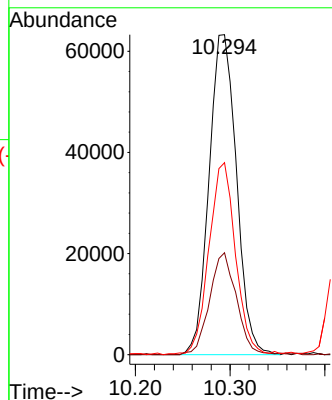
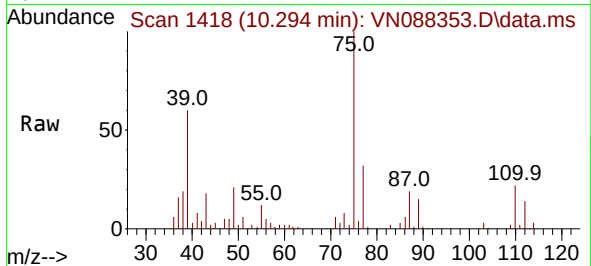




#49
 cis-1,3-Dichloropropene
 Concen: 20.495 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN088353.D
 Acq: 25 Nov 2025 11:03

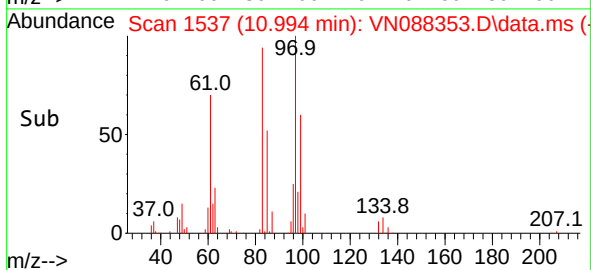
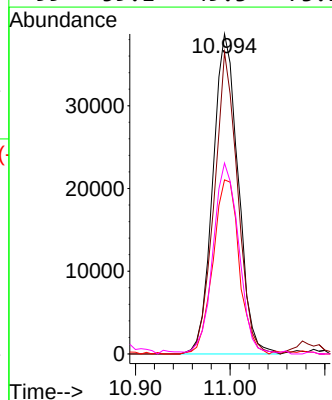
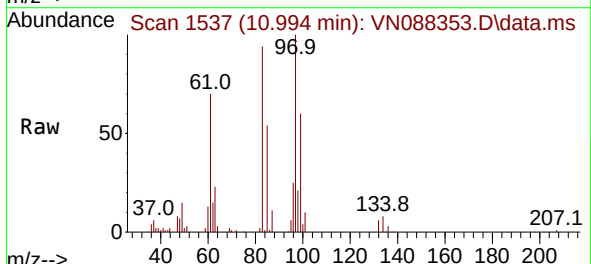
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

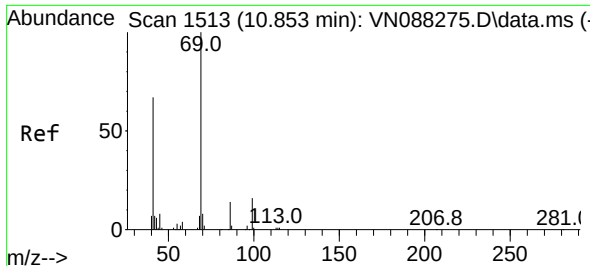
Tgt Ion: 75 Resp: 127323
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.4 36.6
 39 59.7 46.1 69.1



#50
 1,1,2-Trichloroethane
 Concen: 20.939 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN088353.D
 Acq: 25 Nov 2025 11:03

Tgt Ion: 97 Resp: 71796
 Ion Ratio Lower Upper
 97 100
 83 94.3 68.6 102.8
 85 54.4 49.0 73.6
 99 59.1 49.3 73.9

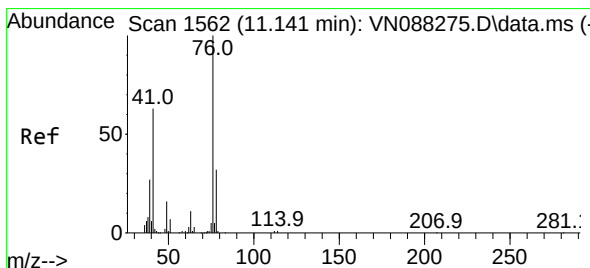
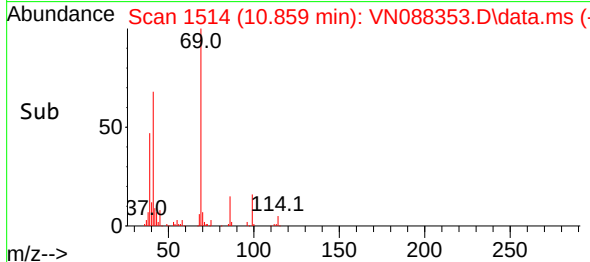
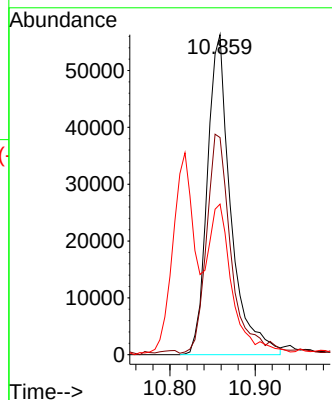
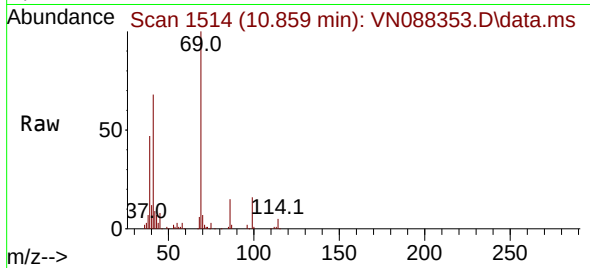




#51
Ethyl methacrylate
Concen: 19.121 ug/l
RT: 10.859 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

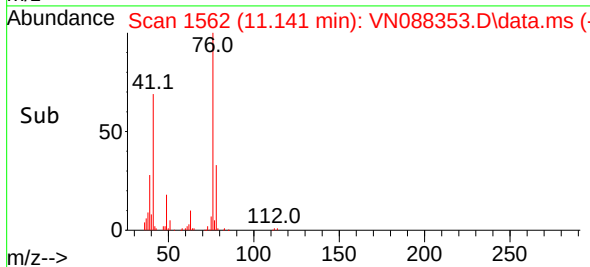
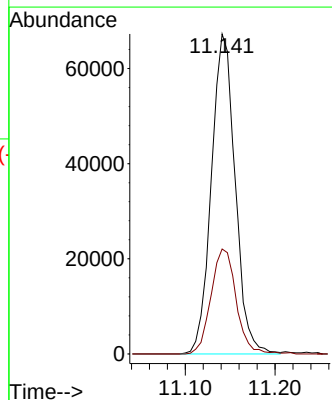
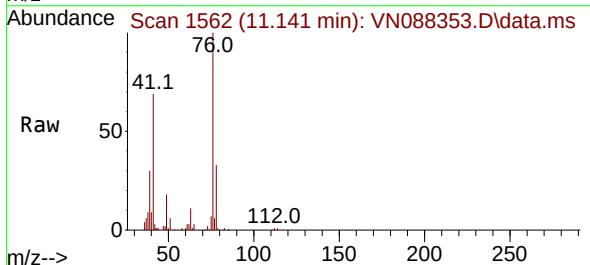
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

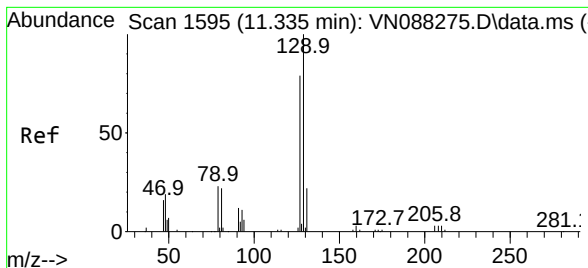
Tgt Ion: 69 Resp: 107871
Ion Ratio Lower Upper
69 100
41 67.4 33.6 100.8
39 45.3 23.4 70.2



#52
1,3-Dichloropropane
Concen: 19.825 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 76 Resp: 123799
Ion Ratio Lower Upper
76 100
78 34.4 0.0 64.2

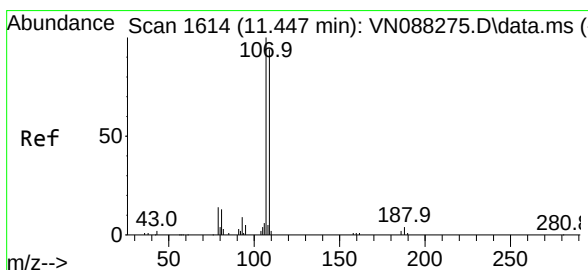
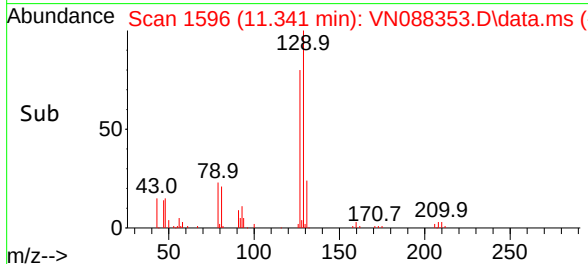
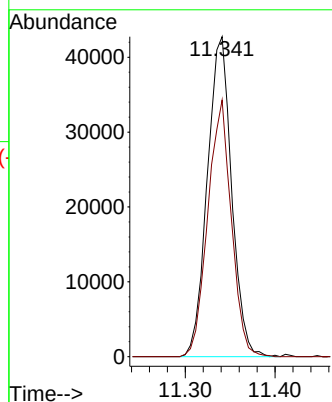
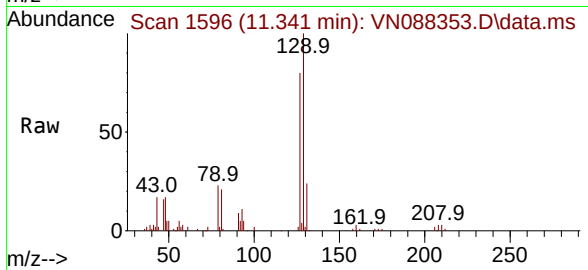




#53
Dibromochloromethane
Concen: 20.419 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

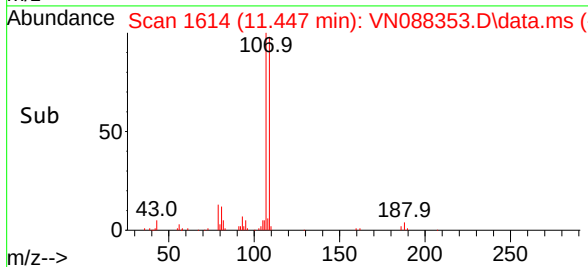
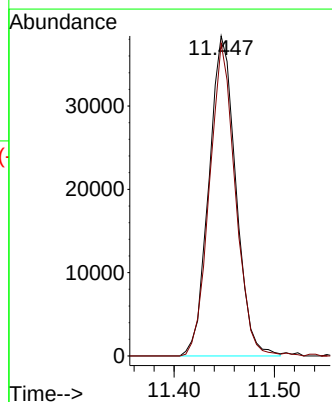
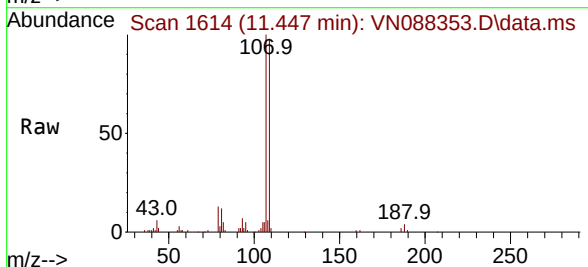
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

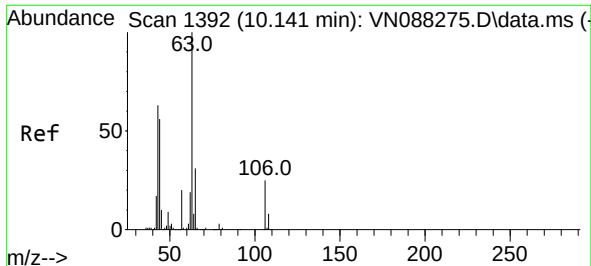
Tgt Ion:129 Resp: 80423
Ion Ratio Lower Upper
129 100
127 77.6 38.2 114.6



#54
1,2-Dibromoethane
Concen: 20.137 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion:107 Resp: 71741
Ion Ratio Lower Upper
107 100
109 93.3 76.6 115.0

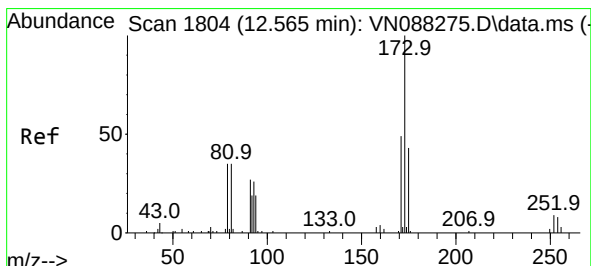
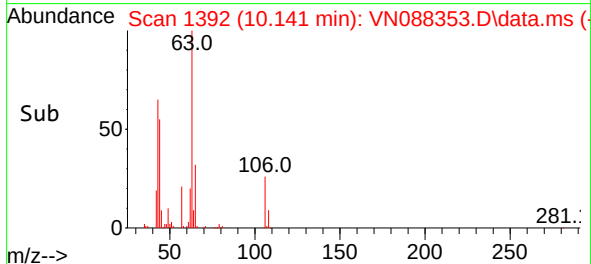
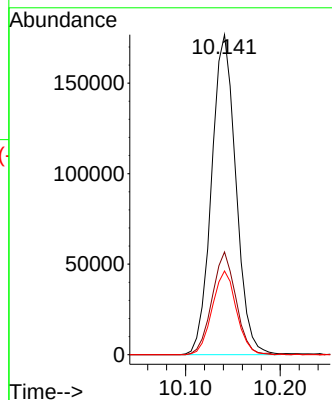
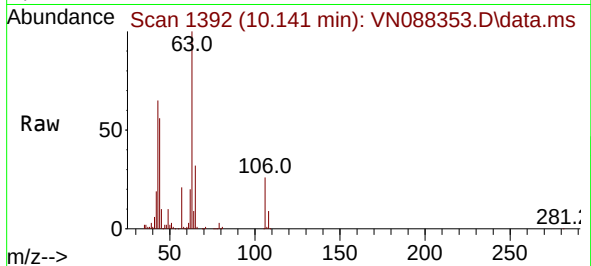




#55
2-Chloroethyl vinyl ether
Concen: 97.027 ug/l
RT: 10.141 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

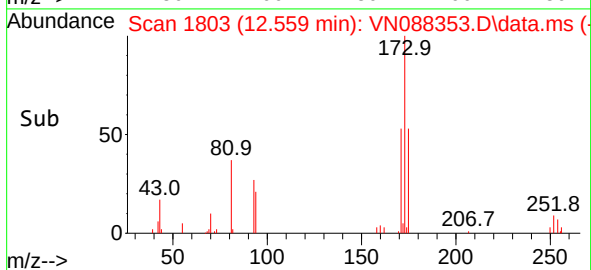
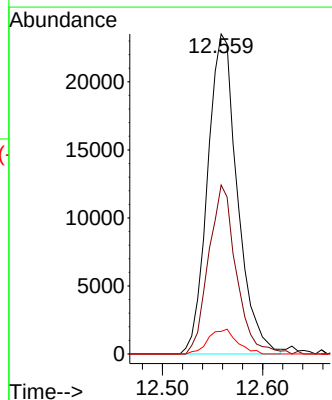
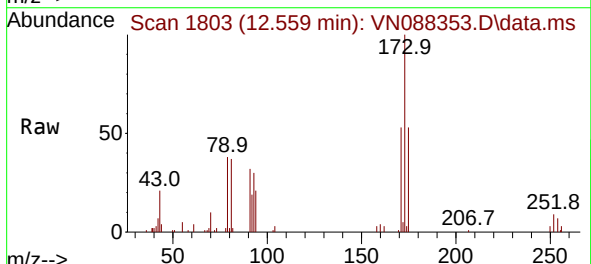
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

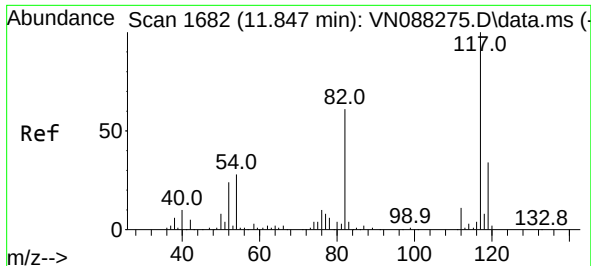
Tgt Ion: 63 Resp: 315309
Ion Ratio Lower Upper
63 100
65 31.4 24.9 37.3
106 26.0 20.3 30.5



#56
Bromoform
Concen: 19.508 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 173 Resp: 48634
Ion Ratio Lower Upper
173 100
175 48.9 37.7 56.5
254 7.5 5.9 8.9

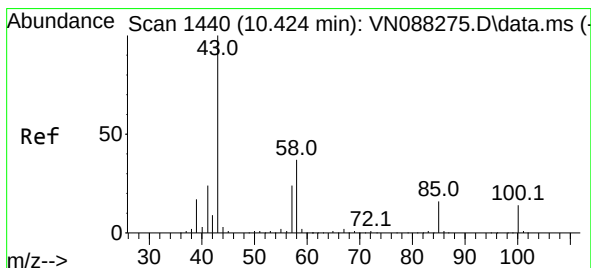
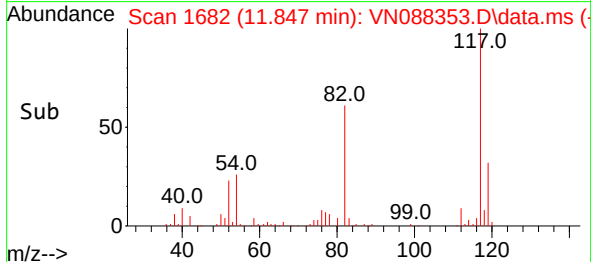
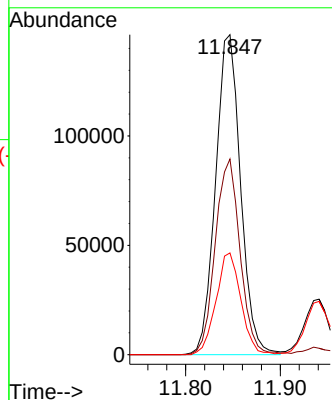
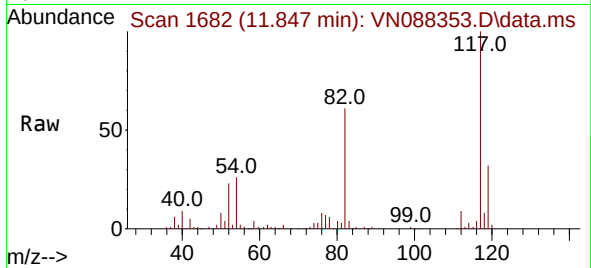




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1184
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

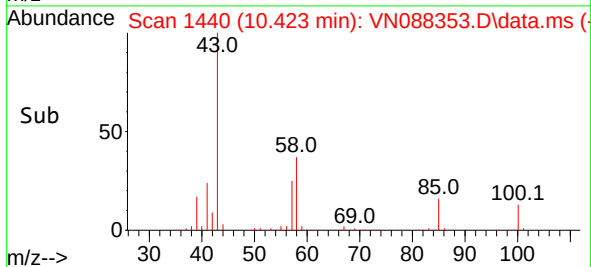
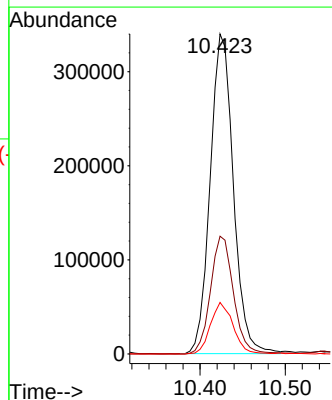
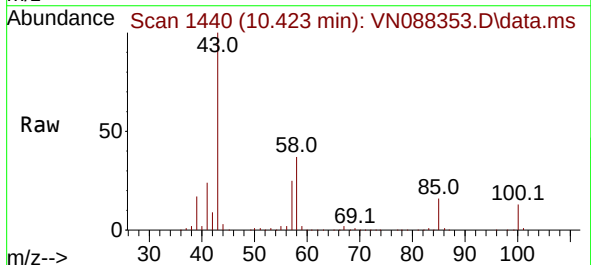
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

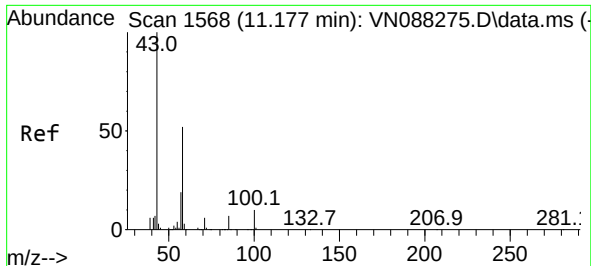
Tgt Ion:117 Resp: 269125
Ion Ratio Lower Upper
117 100
82 60.8 49.3 73.9
119 31.5 26.4 39.6



#58
4-Methyl-2-Pentanone
Concen: 105.592 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 43 Resp: 642730
Ion Ratio Lower Upper
43 100
58 36.6 29.2 43.8
85 15.7 12.6 19.0

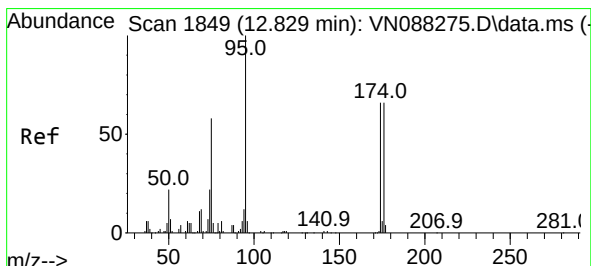
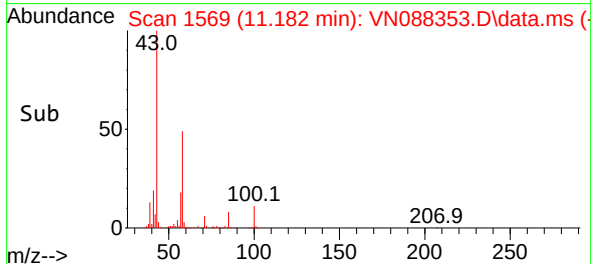
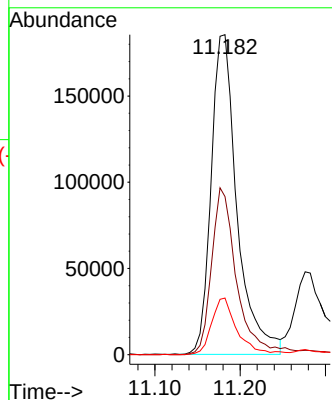
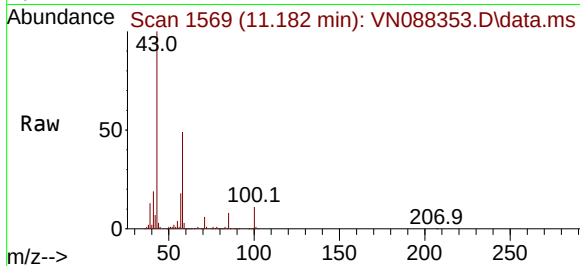




#59
2-Hexanone
Concen: 96.966 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

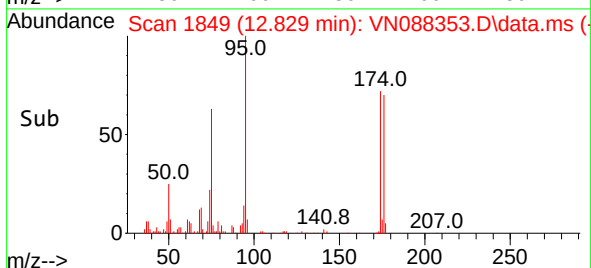
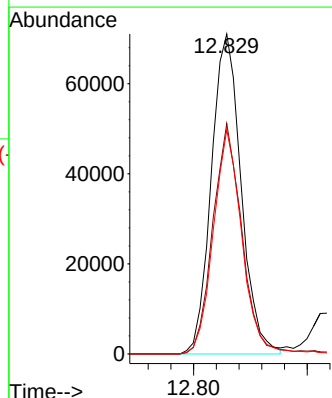
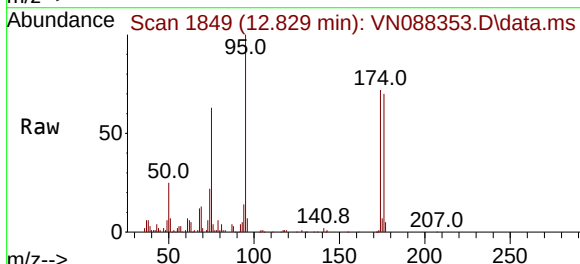
Instrument :
MSVOA_N
ClientSampleId :
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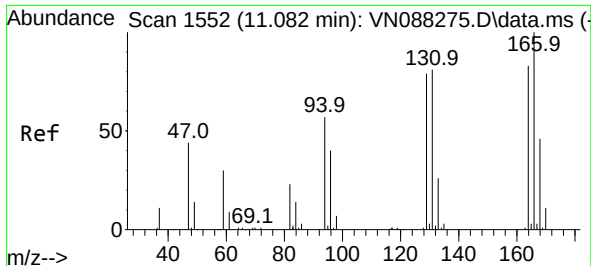
Tgt Ion: 43 Resp: 391928
Ion Ratio Lower Upper
43 100
58 50.8 41.0 61.4
57 17.1 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 28.370 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 95 Resp: 129068
Ion Ratio Lower Upper
95 100
174 69.8 54.5 81.7
176 67.3 53.8 80.6

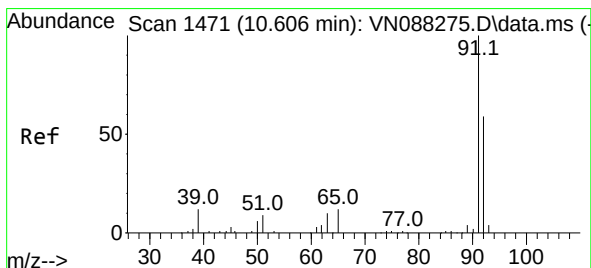
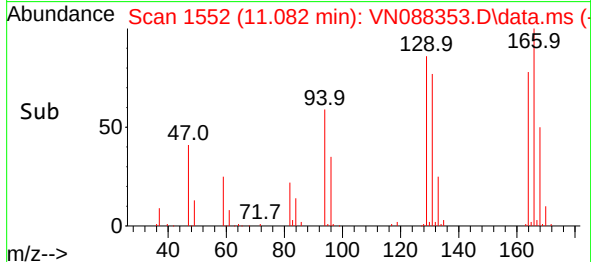
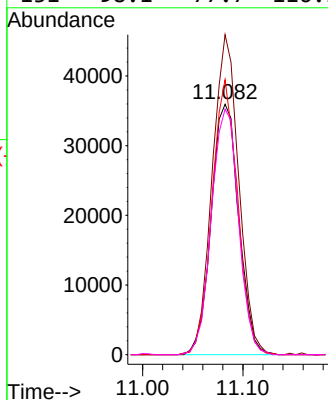
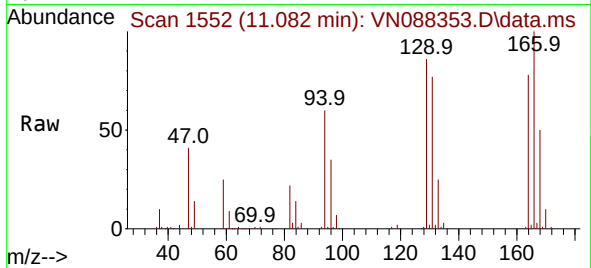




#61
Tetrachloroethene
Concen: 24.687 ug/l
RT: 11.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

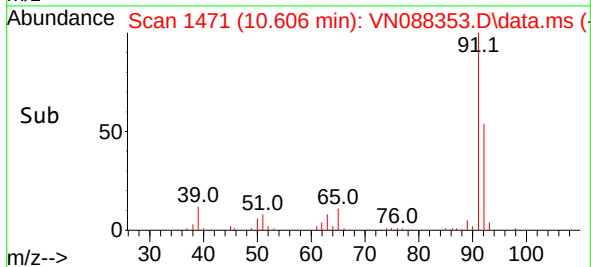
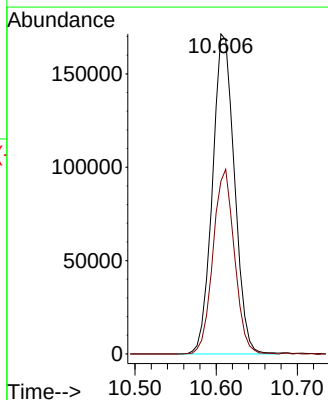
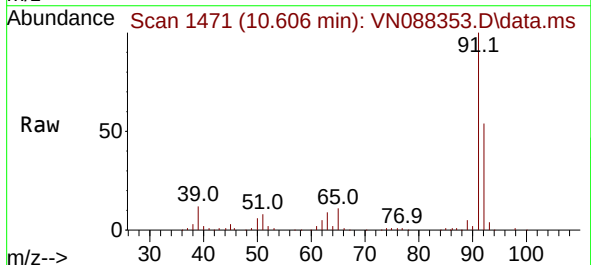
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

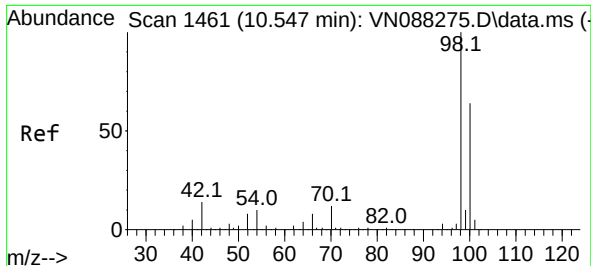
Tgt Ion:164 Resp: 68500
Ion Ratio Lower Upper
164 100
166 127.8 96.3 144.5
129 109.8 76.2 114.2
131 98.1 77.7 116.5



#62
Toluene
Concen: 20.892 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 91 Resp: 322655
Ion Ratio Lower Upper
91 100
92 56.2 46.7 70.1

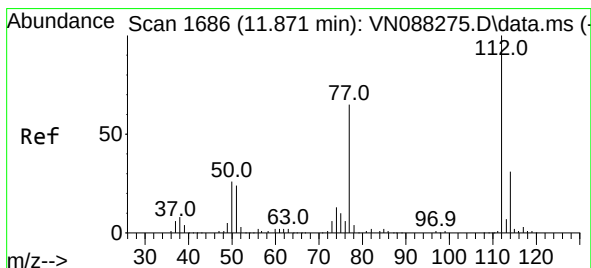
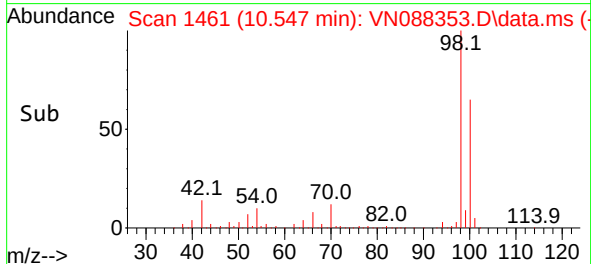
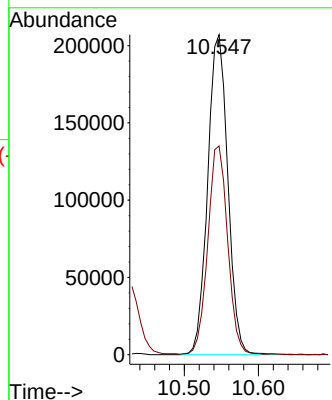
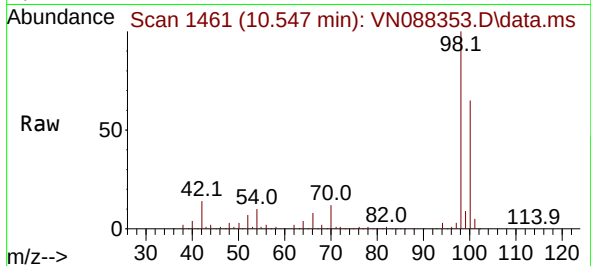




#63
Toluene-d8
Concen: 30.627 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

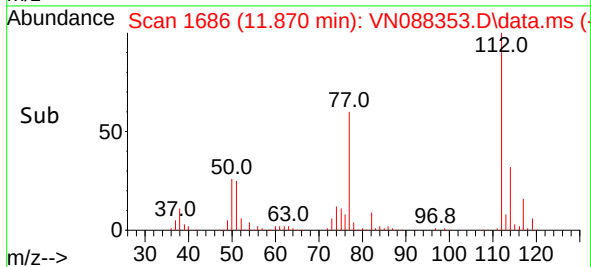
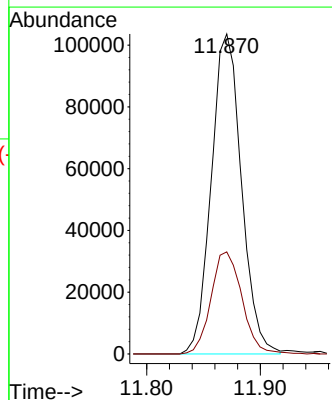
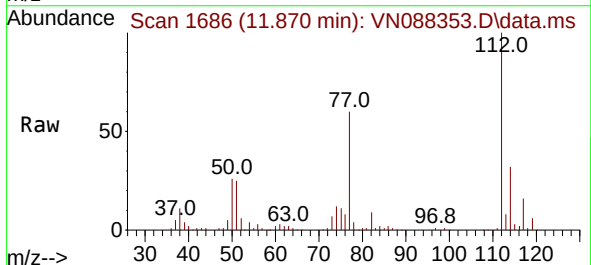
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

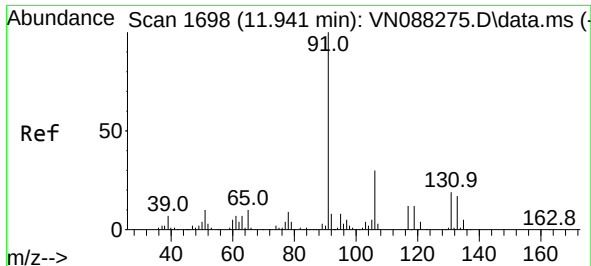
Tgt Ion: 98 Resp: 390224
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#64
Chlorobenzene
Concen: 19.956 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 112 Resp: 190883
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4

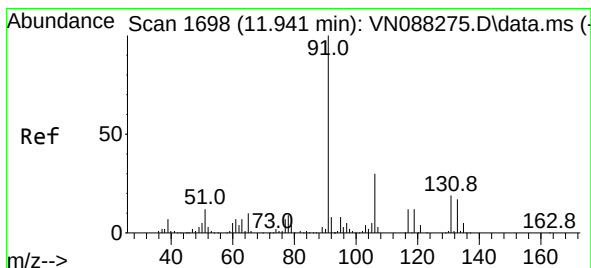
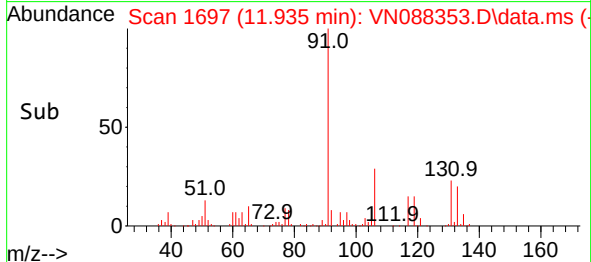
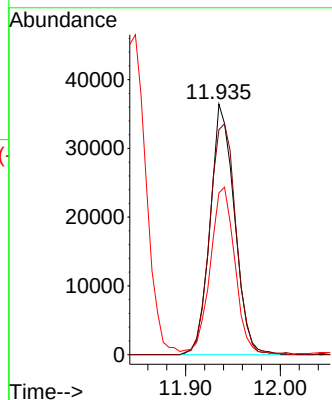
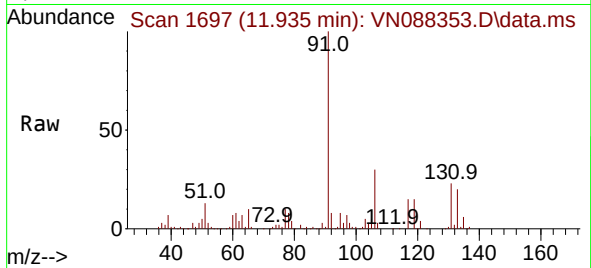




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.855 ug/l
 RT: 11.935 min Scan# 1697
 Delta R.T. -0.006 min
 Lab File: VN088353.D
 Acq: 25 Nov 2025 11:03

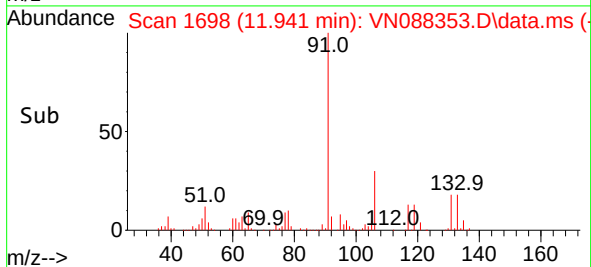
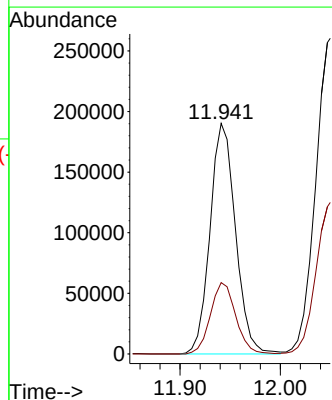
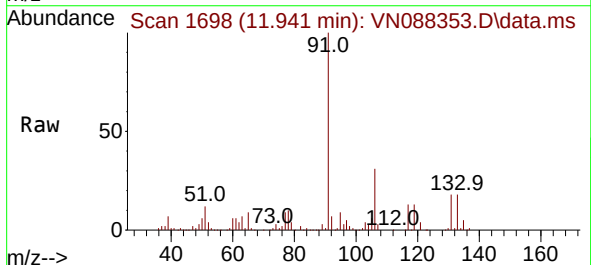
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

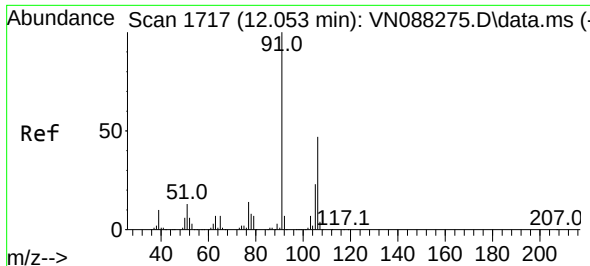
Tgt Ion:131 Resp: 65001
 Ion Ratio Lower Upper
 131 100
 133 98.9 0.0 181.4
 119 68.0 0.0 135.0



#66
 Ethyl Benzene
 Concen: 19.695 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. -0.000 min
 Lab File: VN088353.D
 Acq: 25 Nov 2025 11:03

Tgt Ion: 91 Resp: 335239
 Ion Ratio Lower Upper
 91 100
 106 30.9 24.4 36.6

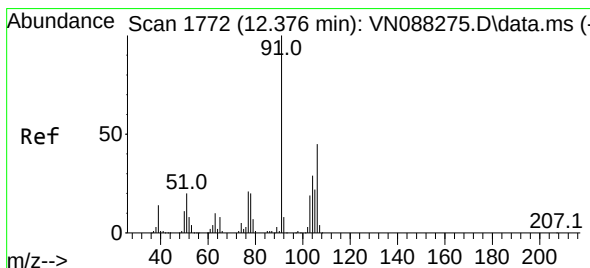
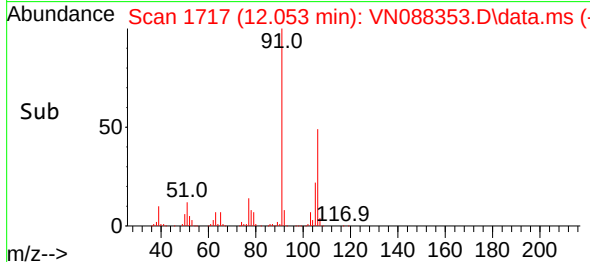
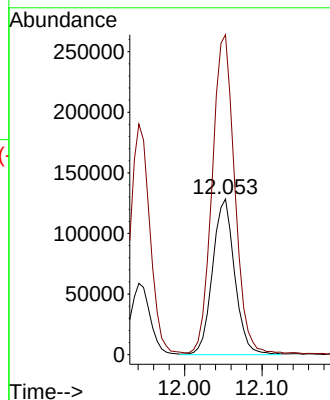
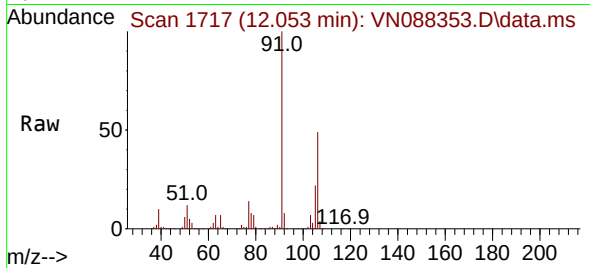




#67
m/p-Xylenes
Concen: 40.190 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

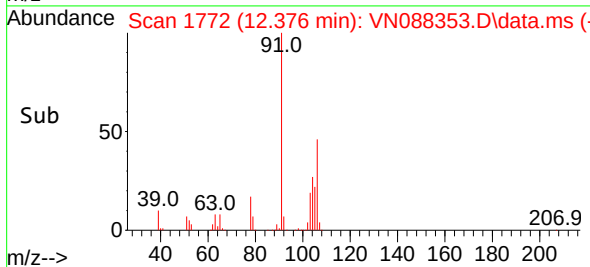
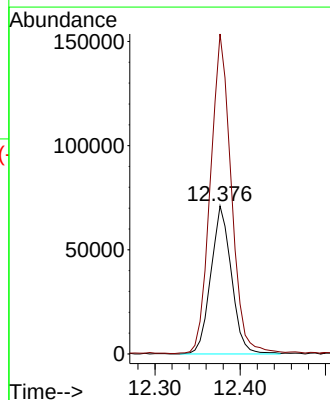
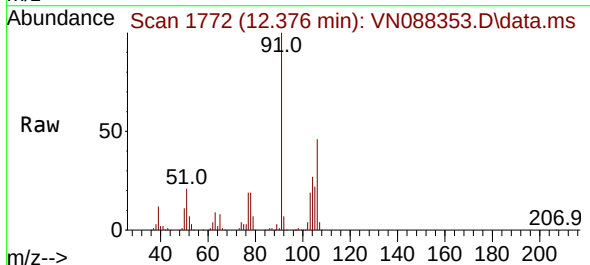
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

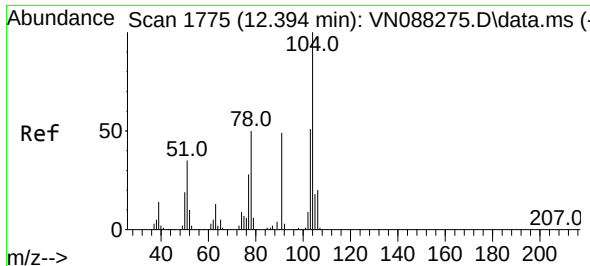
Tgt Ion:106 Resp: 255824
Ion Ratio Lower Upper
106 100
91 210.3 168.3 252.5



#68
o-Xylene
Concen: 19.853 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion:106 Resp: 119215
Ion Ratio Lower Upper
106 100
91 219.3 114.0 342.0

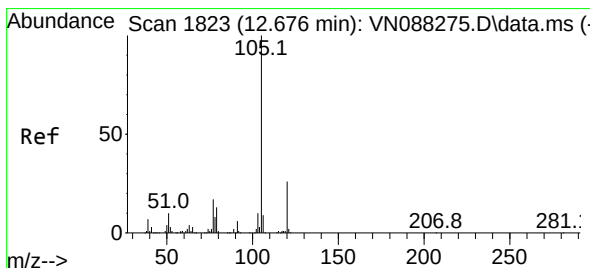
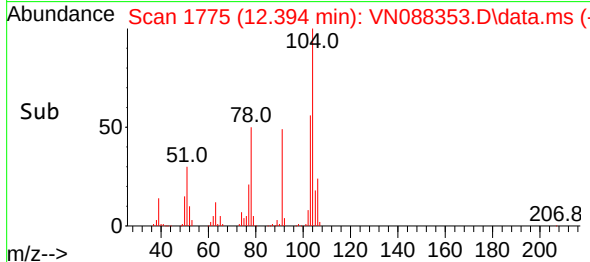
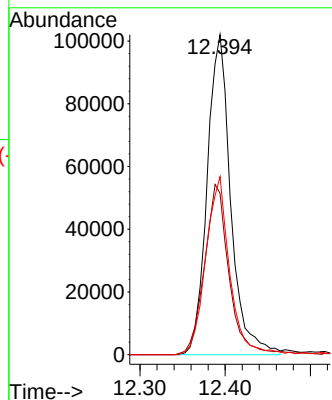
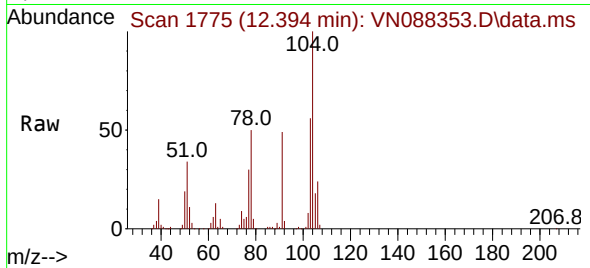




#69
Styrene
Concen: 19.263 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

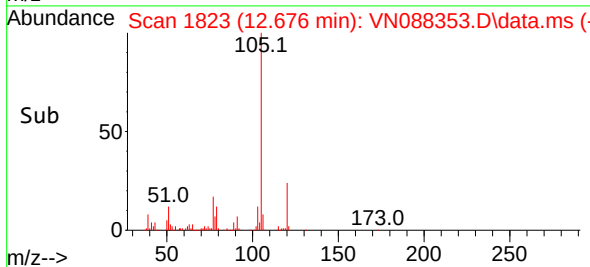
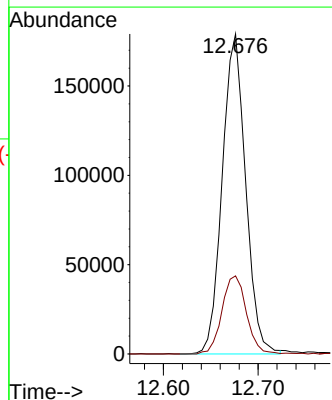
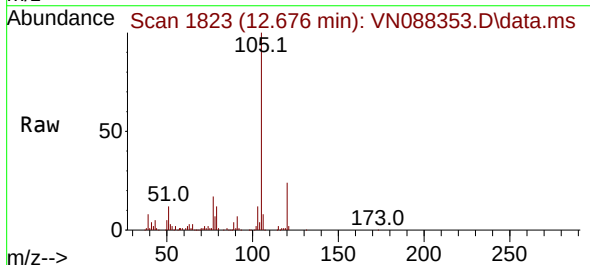
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

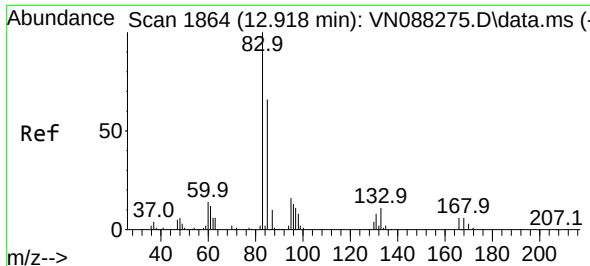
Tgt Ion:104 Resp: 196457
Ion Ratio Lower Upper
104 100
78 54.6 43.8 65.8
103 56.2 44.8 67.2



#70
Isopropylbenzene
Concen: 19.311 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion:105 Resp: 307298
Ion Ratio Lower Upper
105 100
120 25.4 18.2 33.8

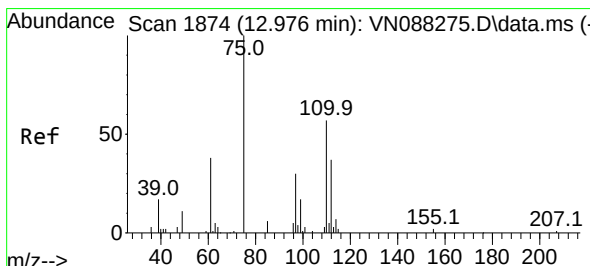
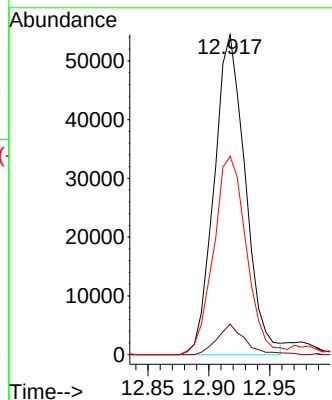
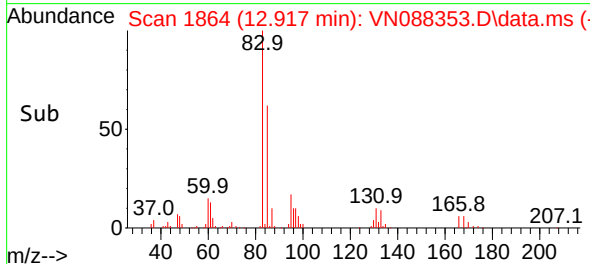
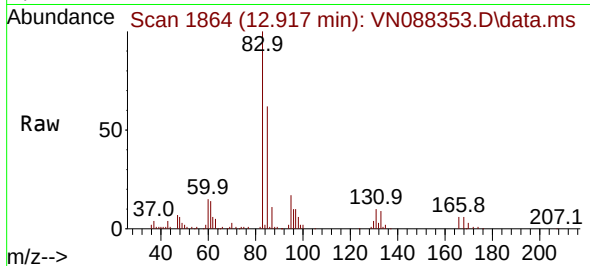




#71
1,1,2-Tetrachloroethane
Concen: 18.808 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

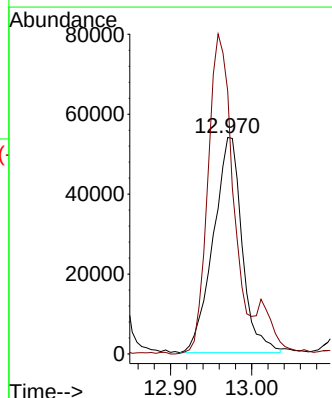
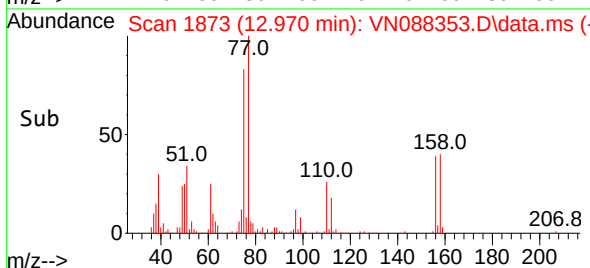
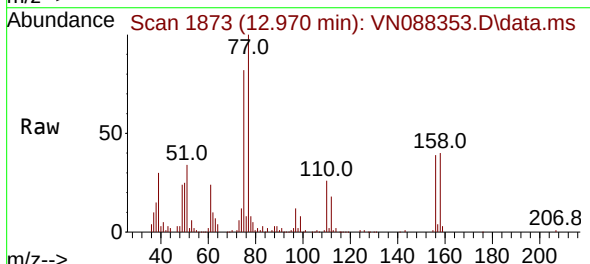
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

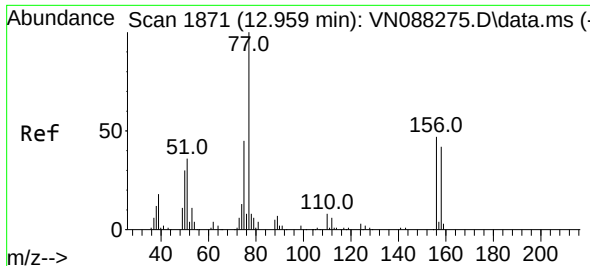
Tgt Ion: 83 Resp: 96950
Ion Ratio Lower Upper
83 100
131 8.6 4.3 12.9
85 65.5 32.4 97.2



#72
1,2,3-Trichloropropane
Concen: 26.678 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 75 Resp: 133225
Ion Ratio Lower Upper
75 100
77 128.9 0.0 386.6

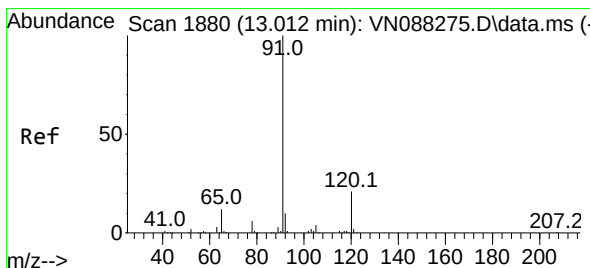
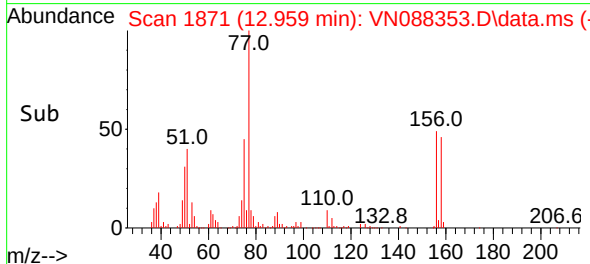
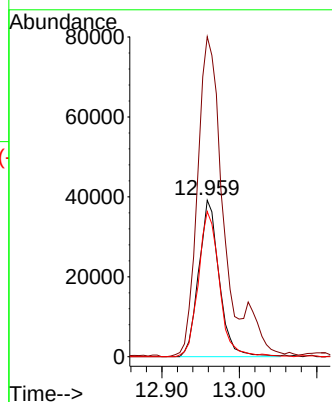
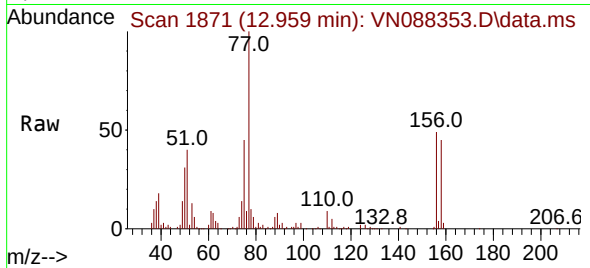




#73
Bromobenzene
Concen: 20.017 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

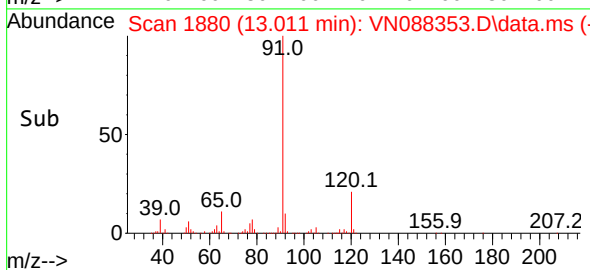
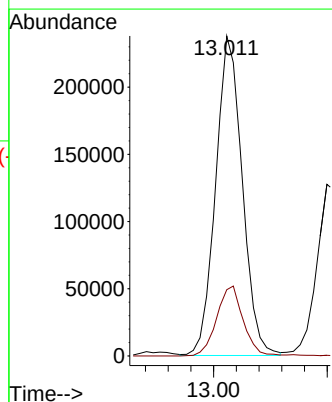
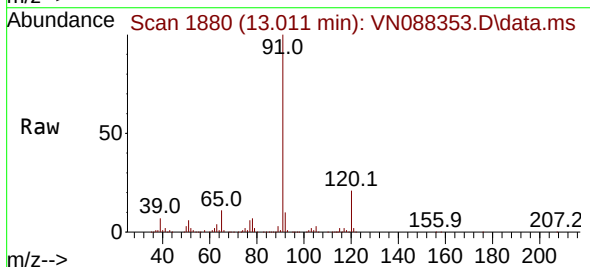
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

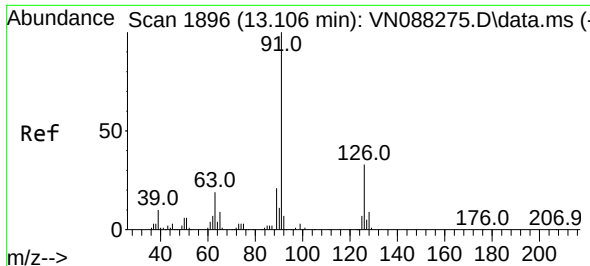
Tgt Ion:156 Resp: 71912
Ion Ratio Lower Upper
156 100
77 238.8 0.0 493.4
158 94.6 0.0 193.4



#74
n-propylbenzene
Concen: 19.650 ug/l
RT: 13.011 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 91 Resp: 386973
Ion Ratio Lower Upper
91 100
120 21.7 0.0 43.2

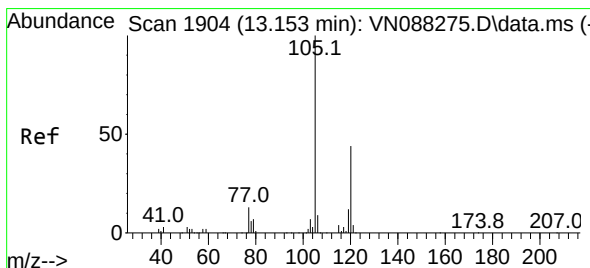
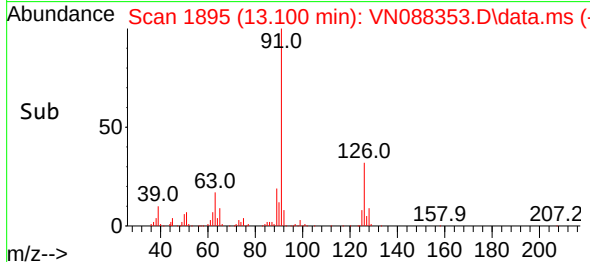
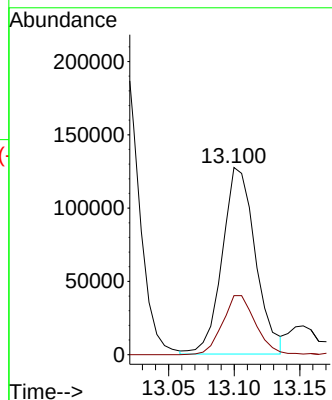
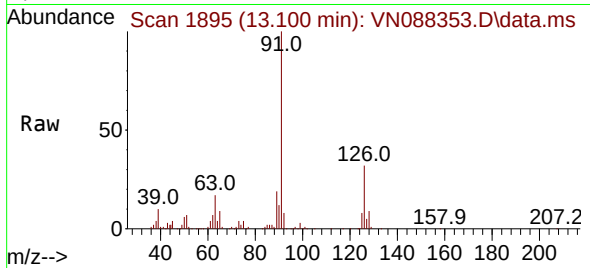




#75
2-Chlorotoluene
Concen: 18.739 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

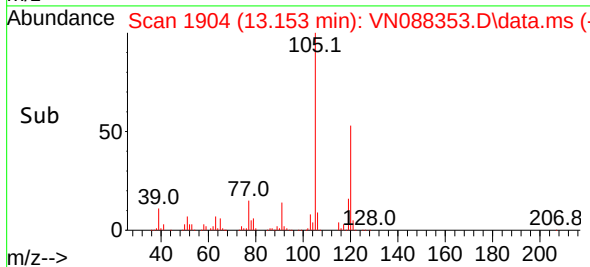
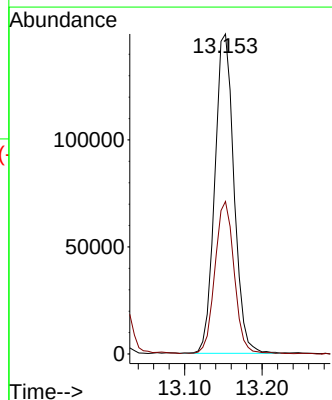
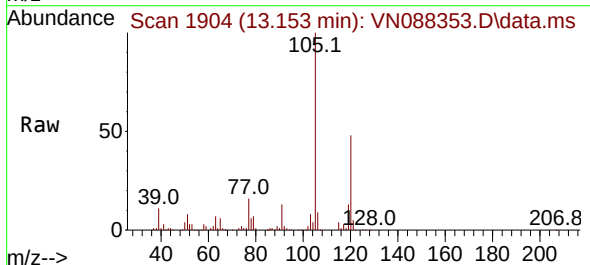
Instrument :
MSVOA_N
ClientSampleId :
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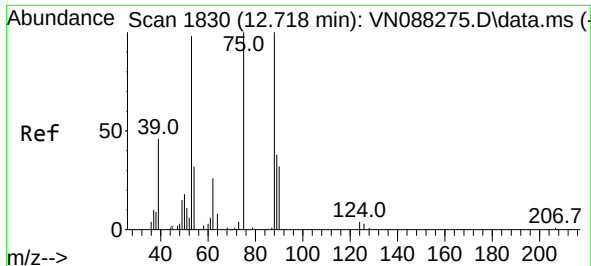
Tgt Ion: 91 Resp: 224405
Ion Ratio Lower Upper
91 100
126 31.7 0.0 62.0



#76
1,3,5-Trimethylbenzene
Concen: 19.171 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 105 Resp: 256084
Ion Ratio Lower Upper
105 100
120 48.4 0.0 94.6

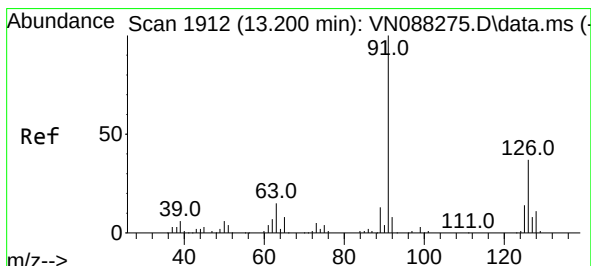
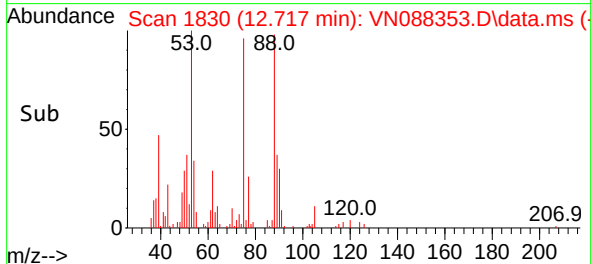
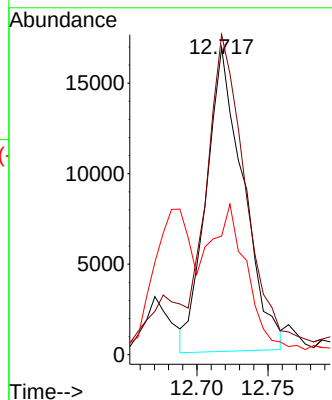
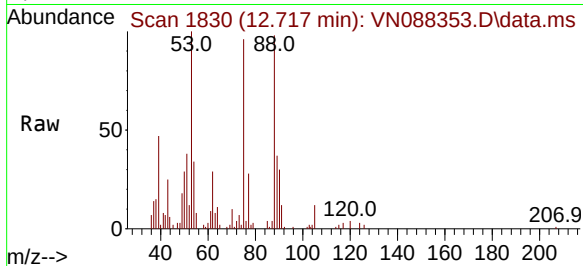




#77
t-1,4-Dichloro-2-butene
Concen: 17.889 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

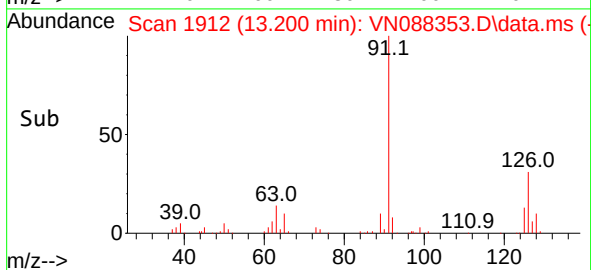
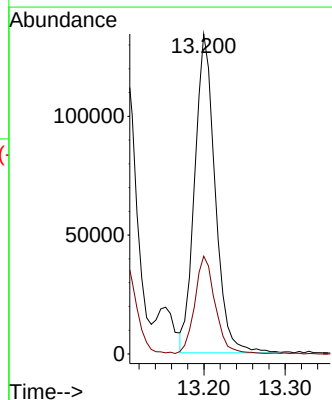
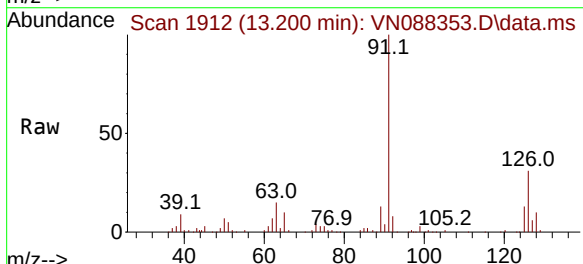
Instrument :
MSVOA_N
ClientSampleId :
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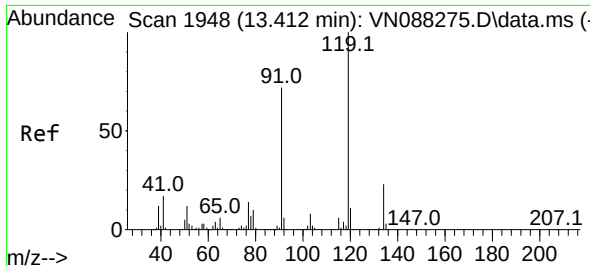
Tgt Ion:	75	Resp:	30678
Ion	Ratio	Lower	Upper
75	100		
53	104.5	50.0	150.0
89	37.3	22.3	66.9



#78
4-Chlorotoluene
Concen: 19.366 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion:	91	Resp:	235006
Ion	Ratio	Lower	Upper
91	100		
126	30.8	0.0	60.8

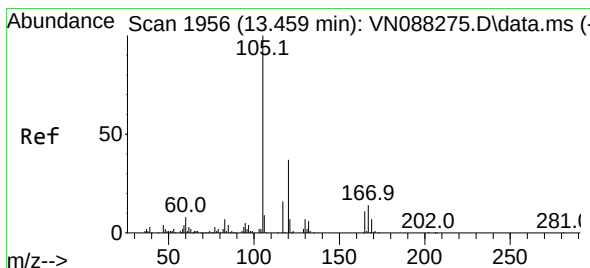
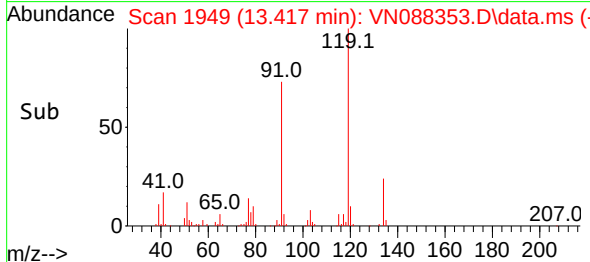
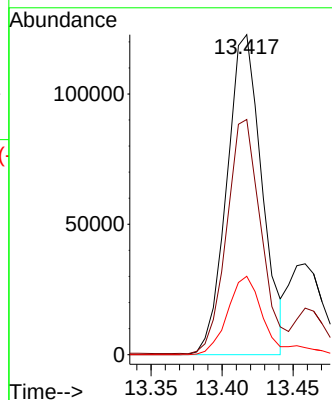
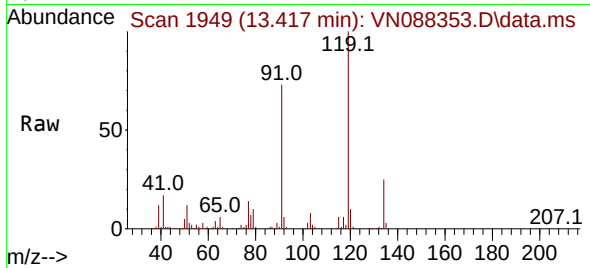




#79
tert-butylbenzene
Concen: 18.487 ug/l
RT: 13.417 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

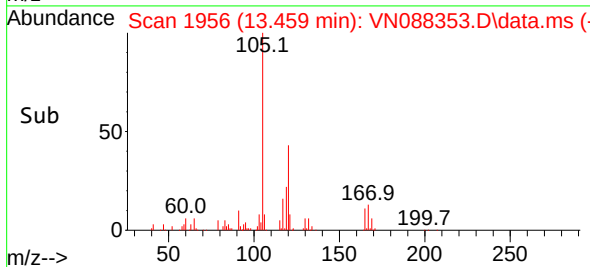
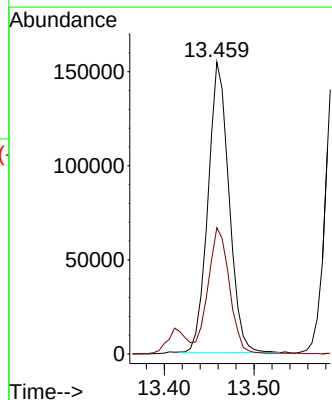
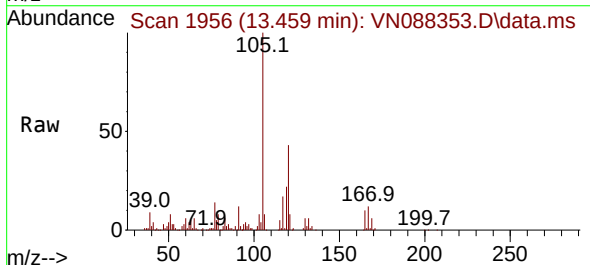
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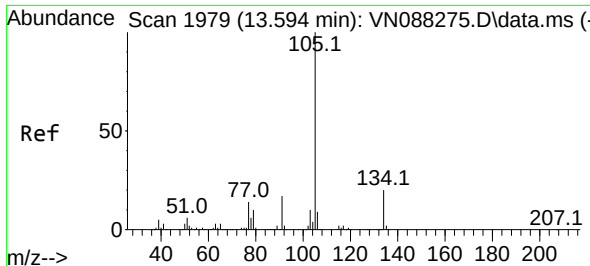
Tgt Ion:119 Resp: 211425
Ion Ratio Lower Upper
119 100
91 72.1 0.0 140.8
134 23.9 0.0 48.4



#80
1,2,4-Trimethylbenzene
Concen: 18.891 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion:105 Resp: 250925
Ion Ratio Lower Upper
105 100
120 43.9 0.0 89.2

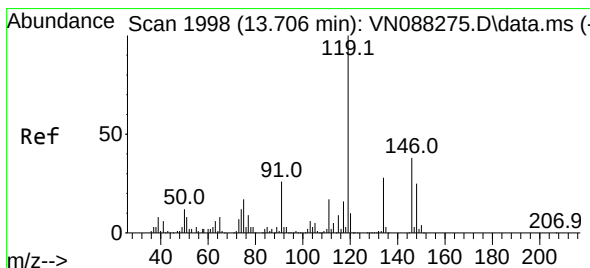
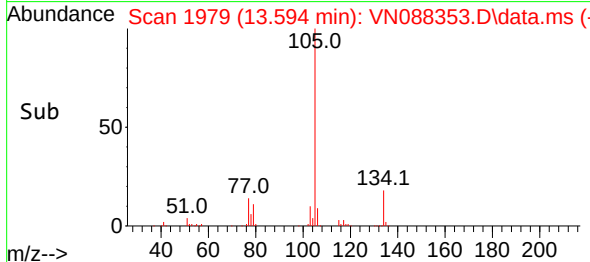
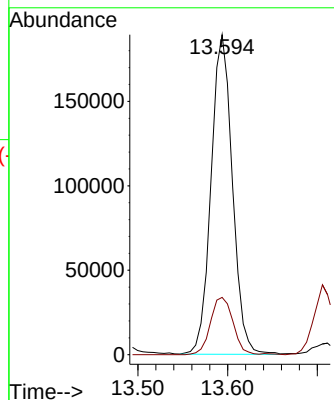
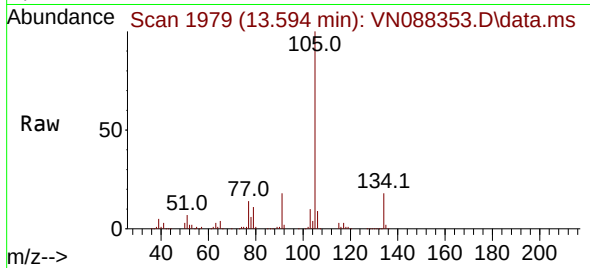




#81
 sec-Butylbenzene
 Concen: 18.729 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088353.D
 Acq: 25 Nov 2025 11:03

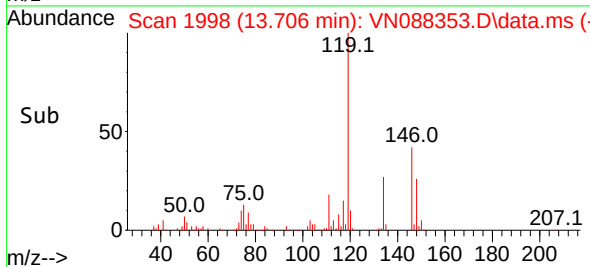
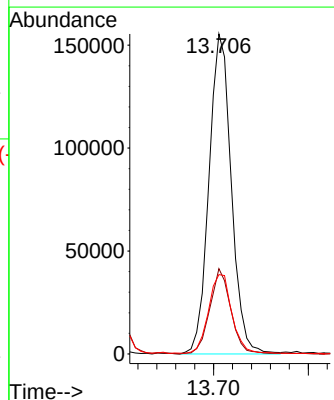
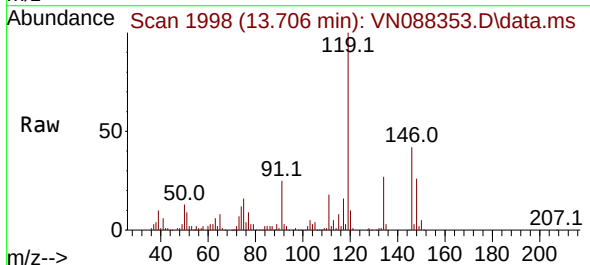
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

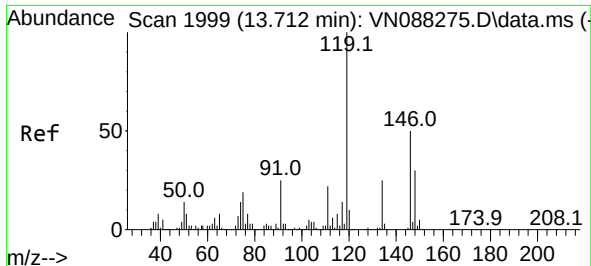
Tgt Ion:105 Resp: 312419
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 18.524 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088353.D
 Acq: 25 Nov 2025 11:03

Tgt Ion:119 Resp: 255324
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 51.2
 91 25.4 0.0 53.4

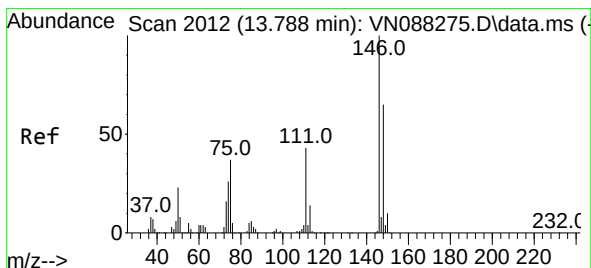
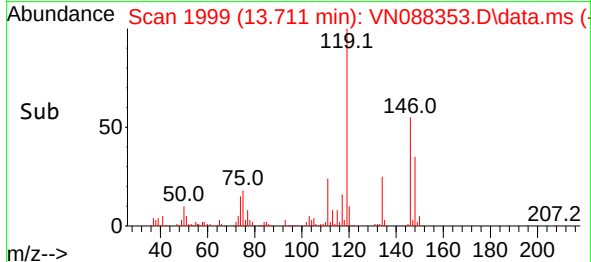
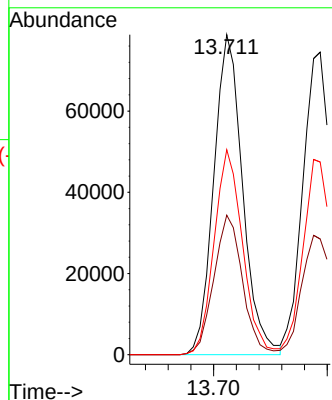
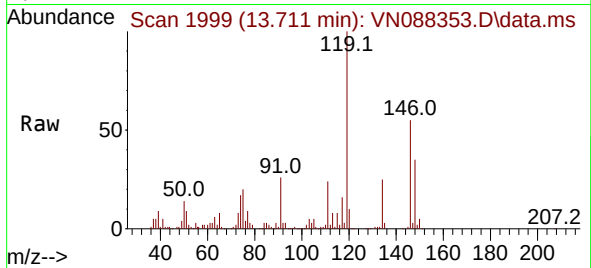




#83
 1,3-Dichlorobenzene
 Concen: 19.931 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN088353.D
 Acq: 25 Nov 2025 11:03

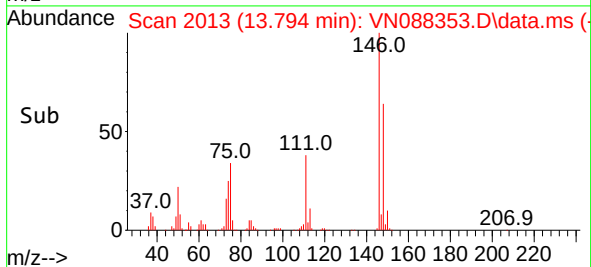
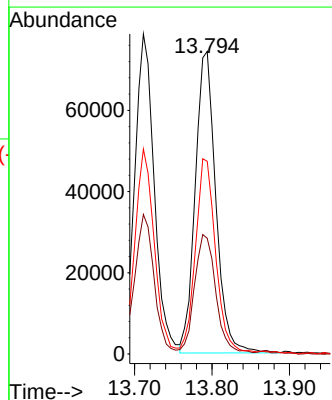
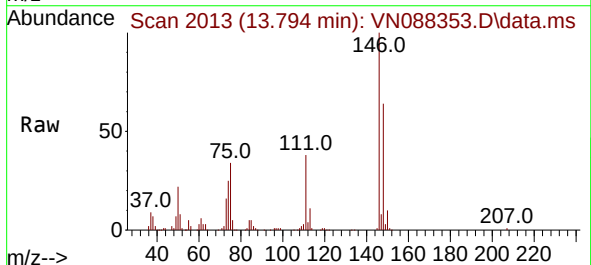
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

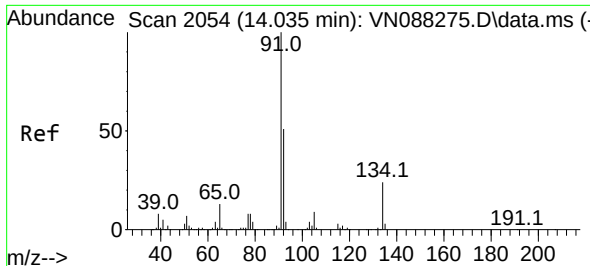
Tgt Ion:146 Resp: 139122
 Ion Ratio Lower Upper
 146 100
 111 43.2 22.1 66.5
 148 63.0 31.4 94.3



#84
 1,4-Dichlorobenzene
 Concen: 19.400 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.006 min
 Lab File: VN088353.D
 Acq: 25 Nov 2025 11:03

Tgt Ion:146 Resp: 137140
 Ion Ratio Lower Upper
 146 100
 111 40.9 21.8 65.3
 148 64.5 31.9 95.5

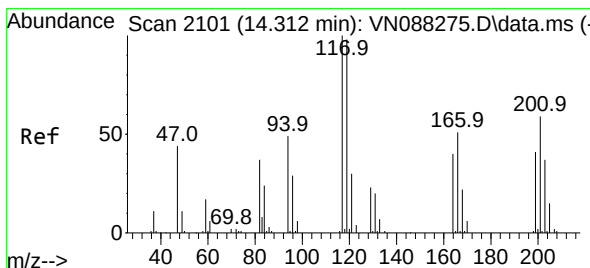
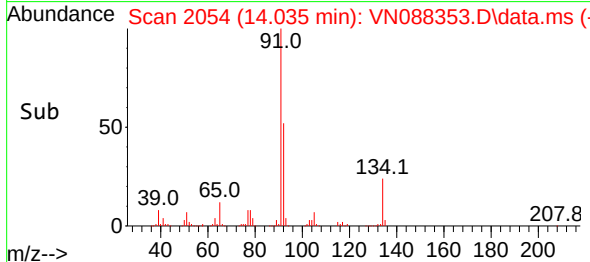
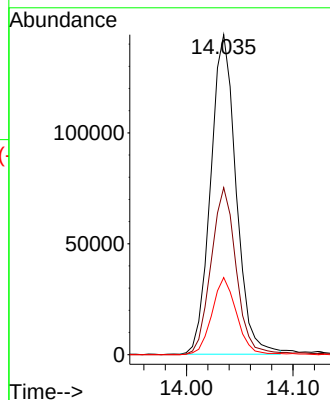
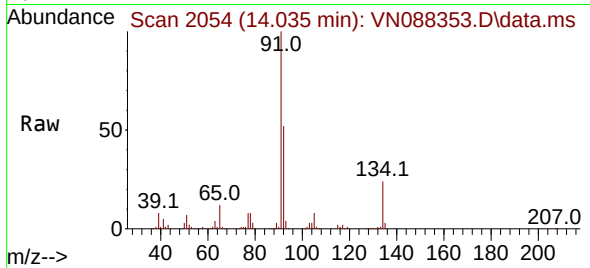




#85
n-Butylbenzene
Concen: 18.202 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

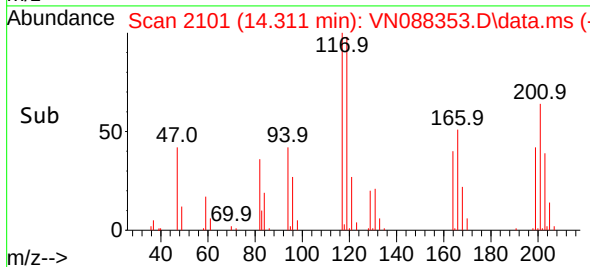
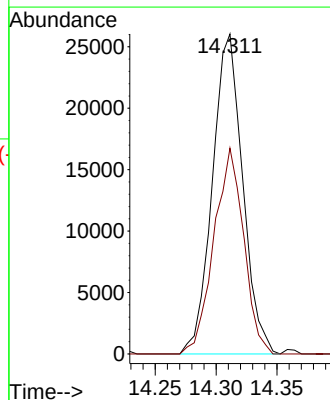
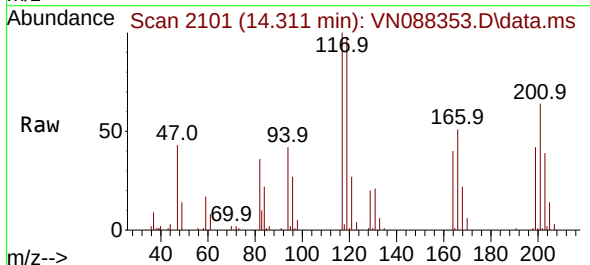
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

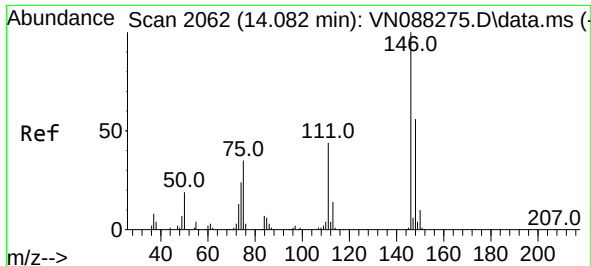
Tgt Ion: 91 Resp: 239107
Ion Ratio Lower Upper
91 100
92 51.8 0.0 102.4
134 23.3 0.0 45.8



#86
Hexachloroethane
Concen: 17.082 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 117 Resp: 45082
Ion Ratio Lower Upper
117 100
201 63.2 30.6 92.0

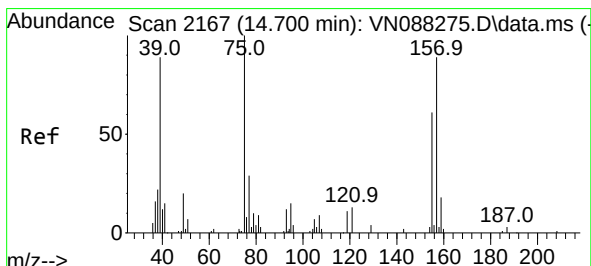
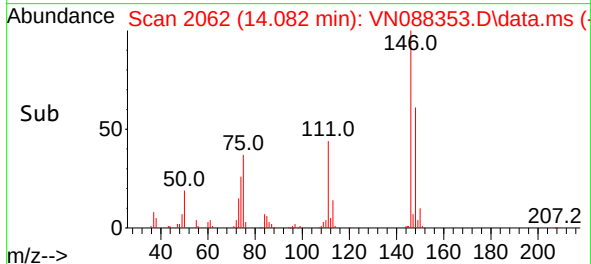
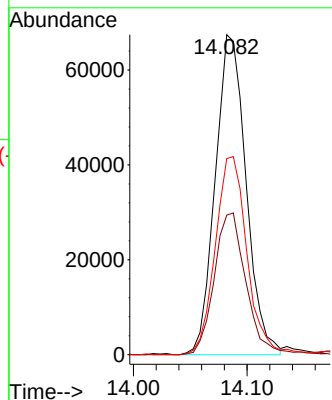
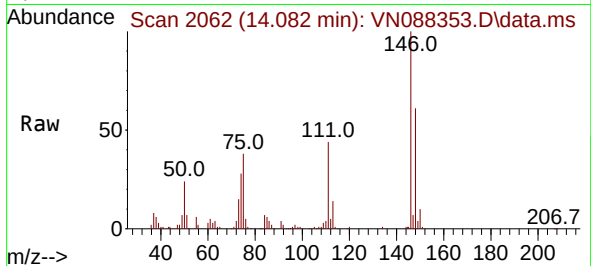




#87
1,2-Dichlorobenzene
Concen: 19.308 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

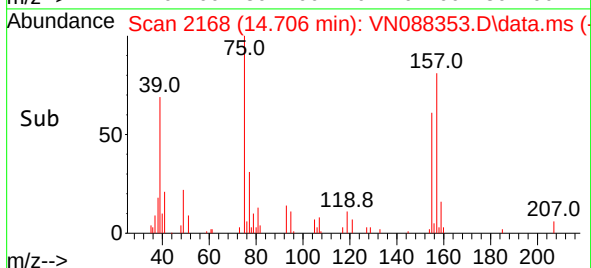
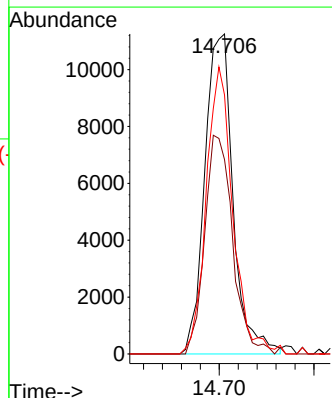
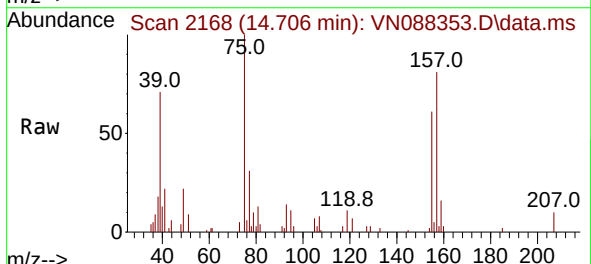
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

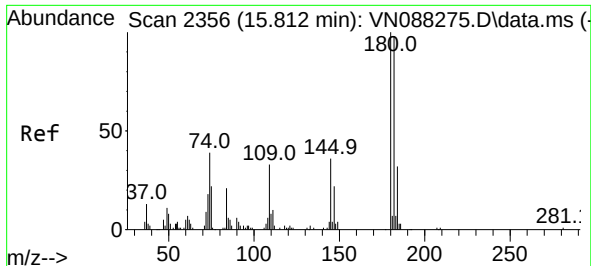
Tgt Ion:146 Resp: 127211
Ion Ratio Lower Upper
146 100
111 45.8 23.0 69.0
148 63.9 31.1 93.2



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.309 ug/l
RT: 14.706 min Scan# 2168
Delta R.T. 0.006 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion: 75 Resp: 23395
Ion Ratio Lower Upper
75 100
155 66.4 54.8 82.2
157 81.4 70.7 106.1

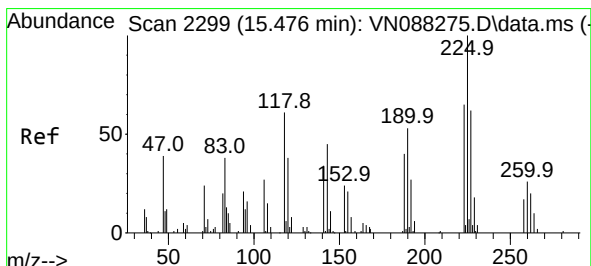
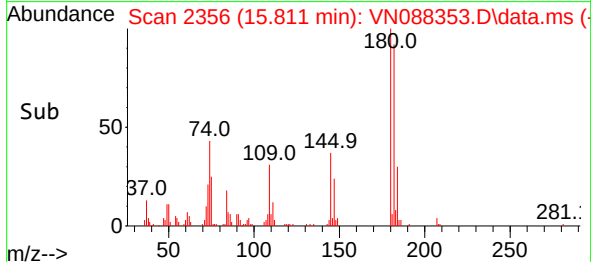
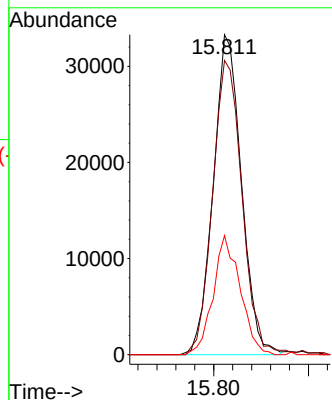
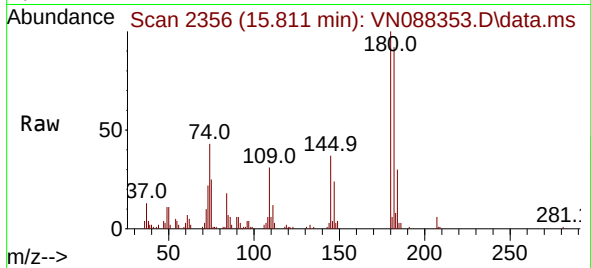




#89
1,2,4-Trichlorobenzene
Concen: 18.606 ug/l
RT: 15.811 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

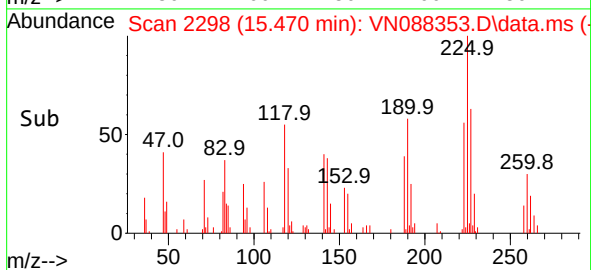
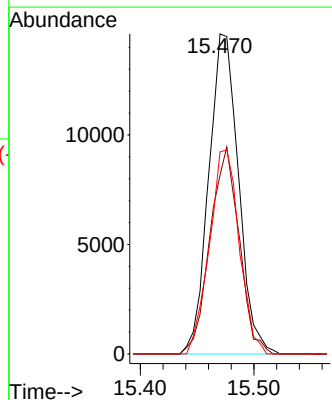
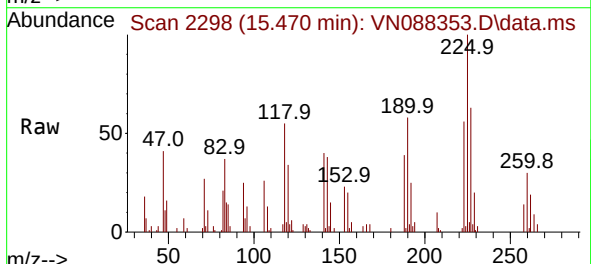
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

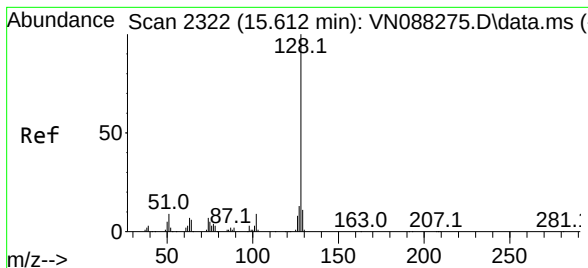
Tgt Ion:180 Resp: 68792
Ion Ratio Lower Upper
180 100
182 94.4 77.3 115.9
145 35.7 30.2 45.4



#90
Hexachlorobutadiene
Concen: 18.531 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion:225 Resp: 26607
Ion Ratio Lower Upper
225 100
223 63.2 0.0 132.0
227 63.9 0.0 132.6

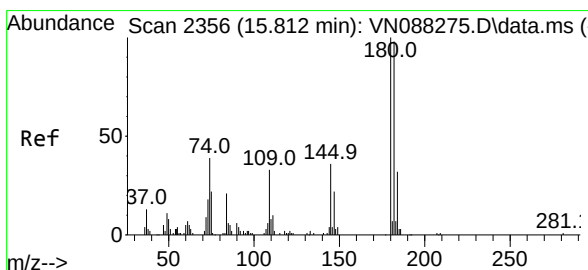
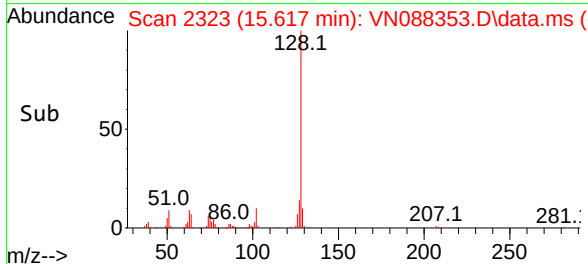
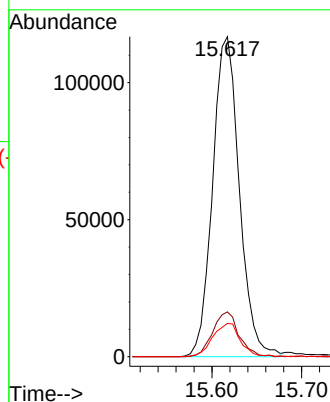
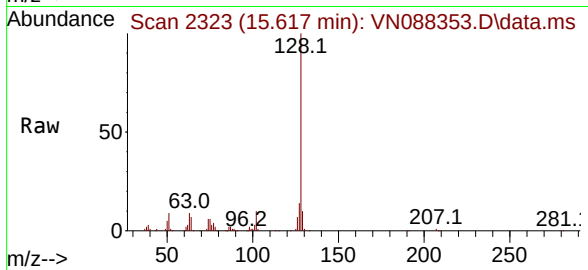




#91
Naphthalene
Concen: 18.049 ug/l
RT: 15.617 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 241446
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 10.6 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 18.606 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088353.D
Acq: 25 Nov 2025 11:03

Tgt Ion:180 Resp: 68792
Ion Ratio Lower Upper
180 100
182 94.4 0.0 193.2
145 35.7 0.0 75.6

