

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120425\
 Data File : VN088443.D
 Acq On : 04 Dec 2025 14:12
 Operator : JC\MD
 Sample : VN1204WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBS01

Quant Time: Dec 05 00:14:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	303745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	559564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	491842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	237731	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	307567	53.752	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.500%	
35) Dibromofluoromethane	8.147	113	196606	50.701	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.400%	
50) Toluene-d8	10.547	98	745425	51.664	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.320%	
62) 4-Bromofluorobenzene	12.823	95	269159	54.369	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	97797	21.436	ug/l	93
3) Chloromethane	2.383	50	93145	19.009	ug/l	96
4) Vinyl Chloride	2.536	62	100990	20.259	ug/l	100
5) Bromomethane	2.983	94	46454	19.362	ug/l	91
6) Chloroethane	3.142	64	62589	20.289	ug/l	98
7) Trichlorofluoromethane	3.512	101	150074	21.421	ug/l	95
8) Diethyl Ether	3.959	74	53546	20.363	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	78946	21.166	ug/l	99
10) Methyl Iodide	4.583	142	63657	17.241	ug/l	93
11) Tert butyl alcohol	5.506	59	76083	83.283	ug/l	97
12) 1,1-Dichloroethene	4.342	96	75627	20.408	ug/l	96
13) Acrolein	4.183	56	95364	109.036	ug/l	98
14) Allyl chloride	5.012	41	131363	19.125	ug/l	97
15) Acrylonitrile	5.706	53	244233	92.662	ug/l	99
16) Acetone	4.424	43	183497	88.674	ug/l	96
17) Carbon Disulfide	4.712	76	223379	18.447	ug/l	96
18) Methyl Acetate	5.018	43	120530	19.567	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	272930	19.658	ug/l	99
20) Methylene Chloride	5.265	84	81214	18.343	ug/l	99
21) trans-1,2-Dichloroethene	5.777	96	79259	19.308	ug/l	98
22) Diisopropyl ether	6.659	45	293315	20.002	ug/l	98
23) Vinyl Acetate	6.588	43	1278749	108.235	ug/l	99
24) 1,1-Dichloroethane	6.553	63	162999	19.628	ug/l	97
25) 2-Butanone	7.465	43	310201	93.245	ug/l	100
26) 2,2-Dichloropropane	7.471	77	150702	21.025	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	90646	19.000	ug/l	96
28) Bromochloromethane	7.794	49	70911	17.142	ug/l	98
29) Tetrahydrofuran	7.818	42	228135	95.607	ug/l	98
30) Chloroform	7.953	83	165040	20.226	ug/l	100
31) Cyclohexane	8.241	56	151560	20.140	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	148393	20.683	ug/l	97
36) 1,1-Dichloropropene	8.353	75	116928	19.538	ug/l	98
37) Ethyl Acetate	7.547	43	137369	17.457	ug/l	97
38) Carbon Tetrachloride	8.341	117	123356	20.706	ug/l	98
39) Methylcyclohexane	9.582	83	125506	19.606	ug/l	90
40) Benzene	8.582	78	339466	19.326	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	74031	18.995	ug/l	99
42) 1,2-Dichloroethane	8.647	62	139506	20.817	ug/l	97
43) Isopropyl Acetate	8.671	43	224127	18.642	ug/l	99
44) Trichloroethene	9.329	130	76077	18.330	ug/l	97
45) 1,2-Dichloropropane	9.600	63	87062	19.346	ug/l	99
46) Dibromomethane	9.688	93	62387	19.425	ug/l	99
47) Bromodichloromethane	9.865	83	130611	19.931	ug/l	99
48) Methyl methacrylate	9.659	41	104044	18.966	ug/l	99
49) 1,4-Dioxane	9.677	88	21834	312.972	ug/l #	94
51) 4-Methyl-2-Pentanone	10.424	43	704216	99.372	ug/l	100
52) Toluene	10.606	92	205014	20.214	ug/l	99
53) t-1,3-Dichloropropene	10.812	75	131896	19.609	ug/l	100
54) cis-1,3-Dichloropropene	10.288	75	137564	19.447	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	77993	19.876	ug/l	96
56) Ethyl methacrylate	10.853	69	122489	19.761	ug/l	99
57) 1,3-Dichloropropane	11.141	76	141160	19.940	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.135	63	316457	88.556	ug/l	98
59) 2-Hexanone	11.176	43	422202	94.573	ug/l	99
60) Dibromochloromethane	11.335	129	89380	19.980	ug/l	100
61) 1,2-Dibromoethane	11.447	107	78746	19.817	ug/l	98
64) Tetrachloroethene	11.082	164	70474	18.074	ug/l	94
65) Chlorobenzene	11.870	112	218454	19.774	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	72384	19.426	ug/l	96
67) Ethyl Benzene	11.941	91	390956	20.247	ug/l	98
68) m/p-Xylenes	12.047	106	286124	39.966	ug/l	96
69) o-Xylene	12.370	106	139831	20.487	ug/l	99
70) Styrene	12.388	104	232254	20.957	ug/l	99
71) Bromoform	12.553	173	55870	20.471	ug/l #	99
73) Isopropylbenzene	12.670	105	360370	20.502	ug/l	99
74) N-amyl acetate	12.523	43	7713	1.288	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.912	83	112119	19.731	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	156231	28.058	ug/l	66
77) Bromobenzene	12.953	156	82378	20.483	ug/l	99
78) n-propylbenzene	13.012	91	452912	21.062	ug/l	99
79) 2-Chlorotoluene	13.100	91	273041	20.792	ug/l	98
80) 1,3,5-Trimethylbenzene	13.147	105	301838	20.723	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.723	75	35744	18.212	ug/l #	91
82) 4-Chlorotoluene	13.194	91	286032	21.930	ug/l	97
83) tert-Butylbenzene	13.412	119	261764	21.141	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	312793	21.606	ug/l	97
85) sec-Butylbenzene	13.594	105	375613	21.117	ug/l	99
86) p-Isopropyltoluene	13.706	119	306028	20.981	ug/l	97
87) 1,3-Dichlorobenzene	13.712	146	154606	19.748	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	162379	19.800	ug/l	99
89) n-Butylbenzene	14.029	91	297476	21.005	ug/l	98
90) Hexachloroethane	14.306	117	52252	19.610	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	147868	20.071	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	28137	20.408	ug/l	99
93) 1,2,4-Trichlorobenzene	15.364	180	83932	19.174	ug/l	95
94) Hexachlorobutadiene	15.470	225	28512	18.126	ug/l	97
95) Naphthalene	15.611	128	307489	20.271	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	83257	19.543	ug/l	99

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ClientSampleId :
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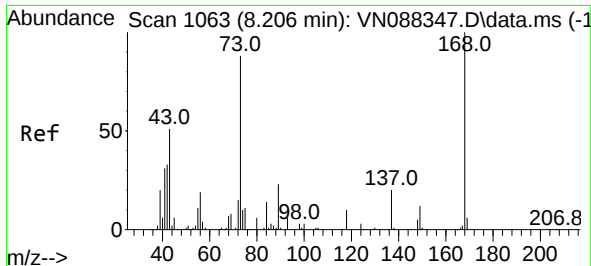
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QLast Update : Tue Nov 25 01:34:52 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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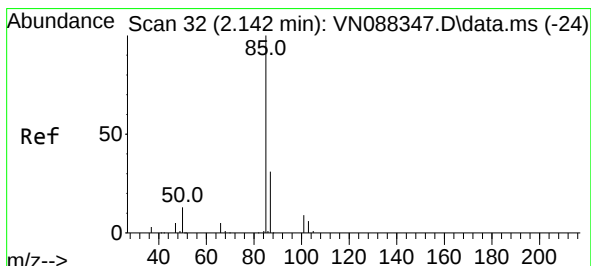
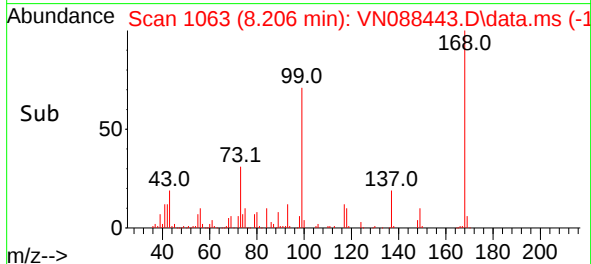
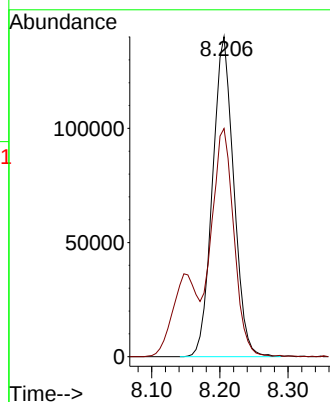
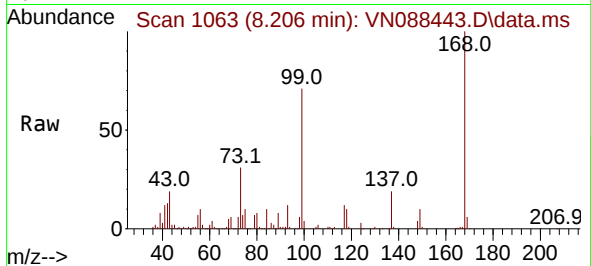




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088443.D
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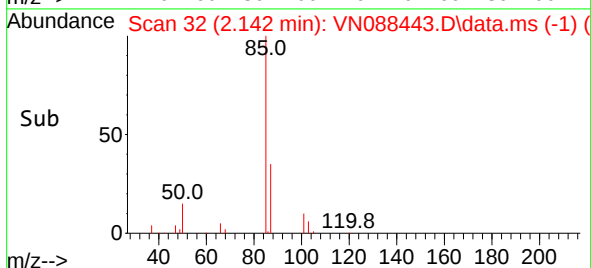
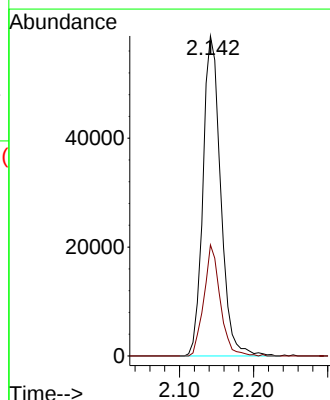
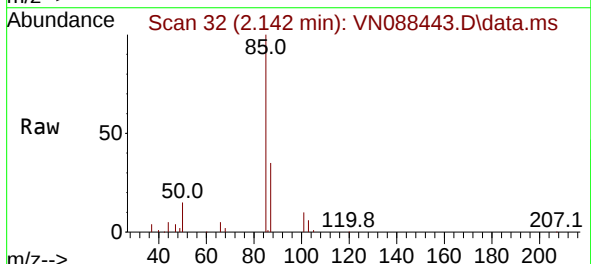
Instrument :
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VN1204WBS01

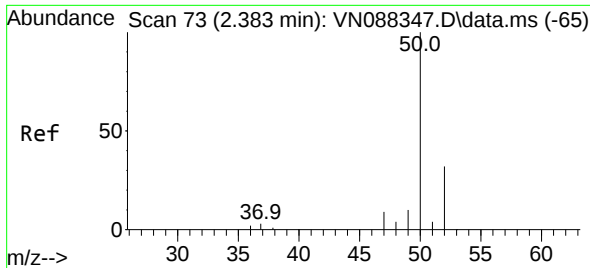
Tgt Ion:168 Resp: 303745
Ion Ratio Lower Upper
168 100
99 70.9 57.1 85.7



#2
Dichlorodifluoromethane
Concen: 21.436 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 85 Resp: 97797
Ion Ratio Lower Upper
85 100
87 34.7 15.6 46.7

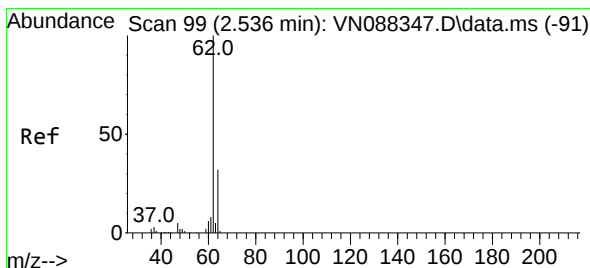
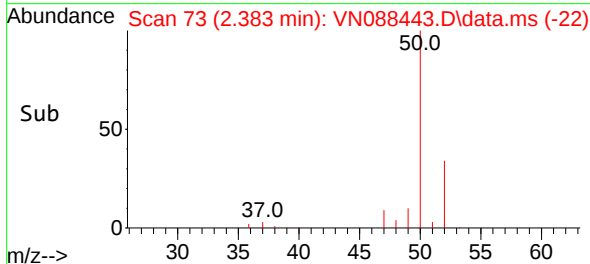
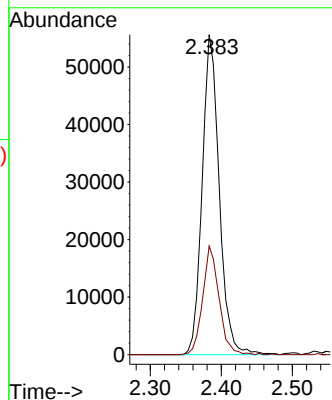
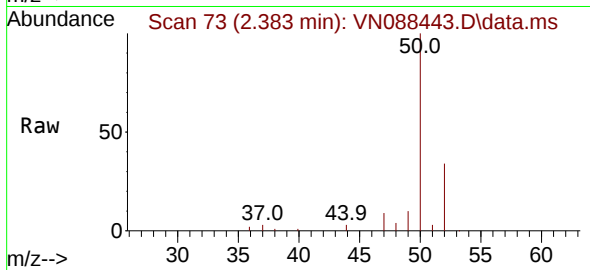




#3
Chloromethane
Concen: 19.009 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

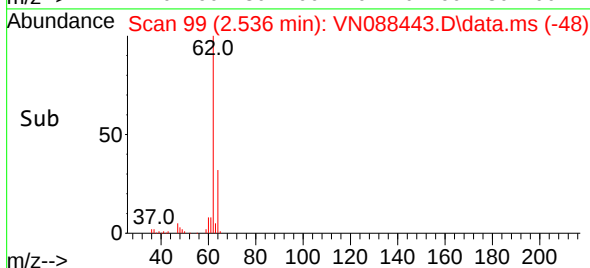
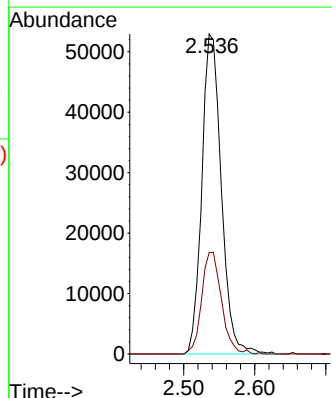
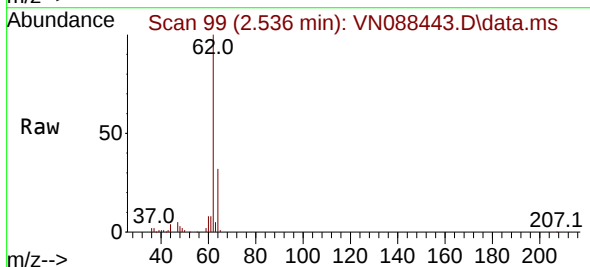
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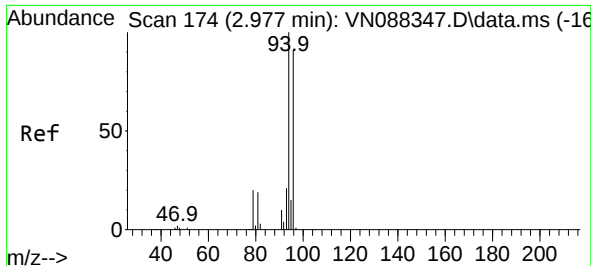
Tgt Ion: 50 Resp: 93145
Ion Ratio Lower Upper
50 100
52 34.0 25.2 37.8



#4
Vinyl Chloride
Concen: 20.259 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 62 Resp: 100990
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.2

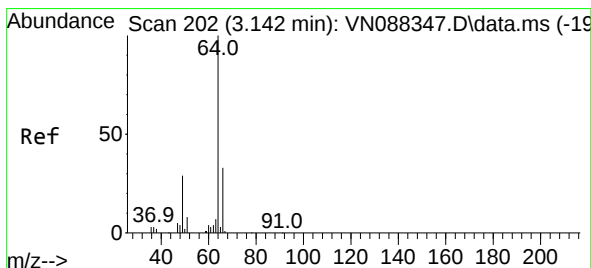
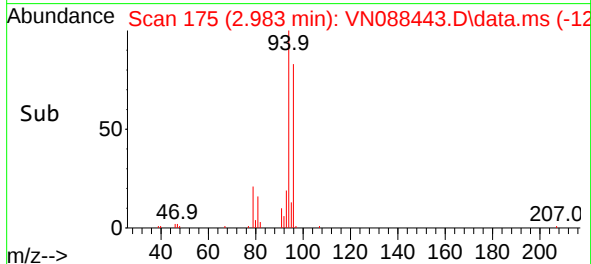
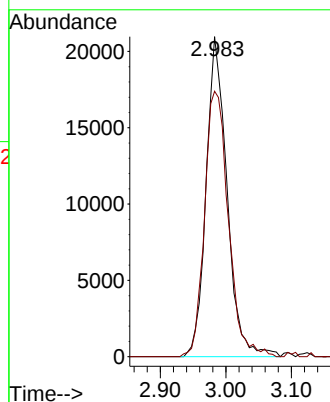
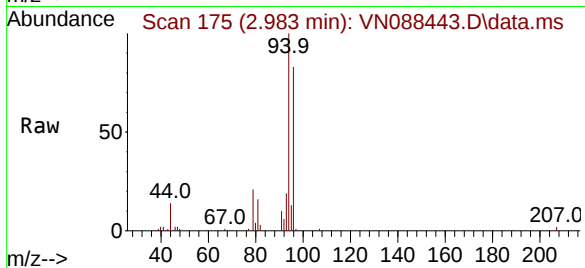




#5
Bromomethane
Concen: 19.362 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

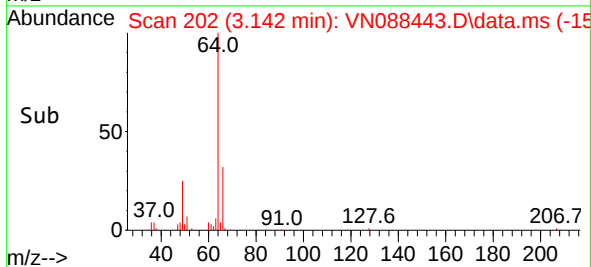
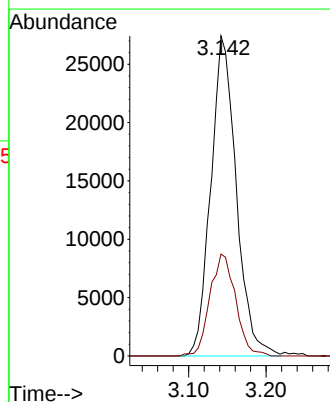
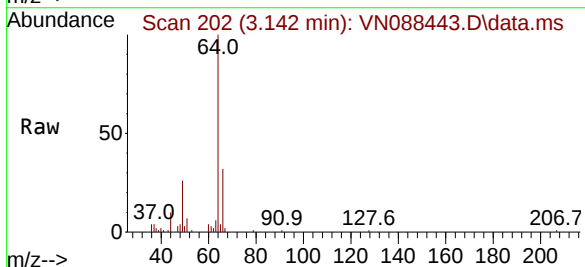
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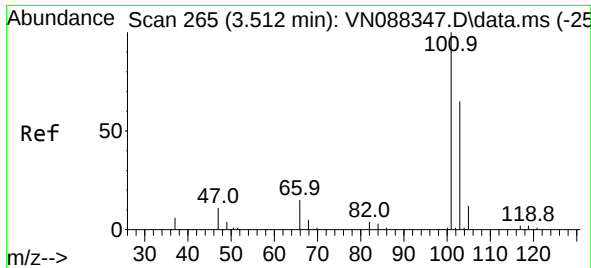
Tgt Ion: 94 Resp: 46454
Ion Ratio Lower Upper
94 100
96 82.9 73.2 109.8



#6
Chloroethane
Concen: 20.289 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 64 Resp: 62589
Ion Ratio Lower Upper
64 100
66 31.8 26.4 39.6

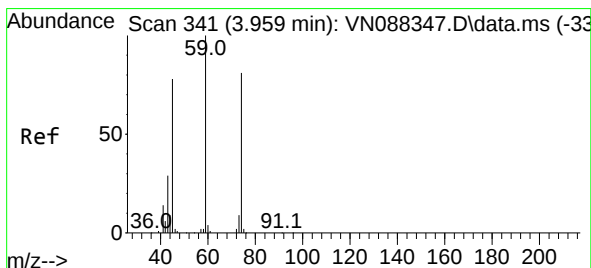
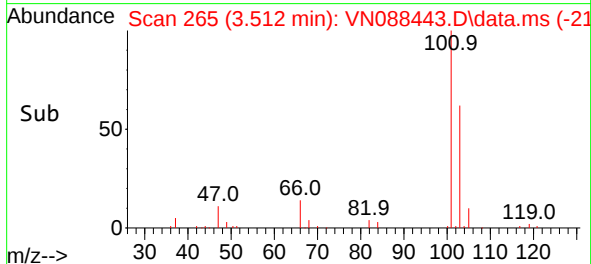
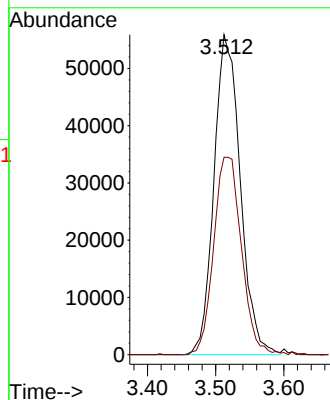
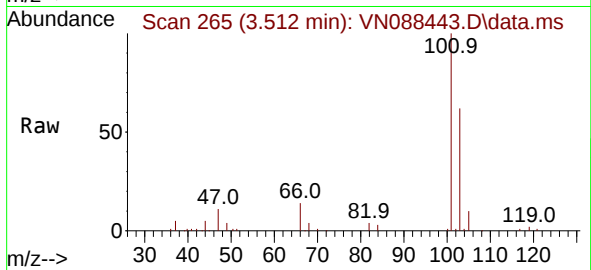




#7
Trichlorofluoromethane
Concen: 21.421 ug/l
RT: 3.512 min Scan# 265
Delta R.T. 0.000 min
Lab File: VN088443.D
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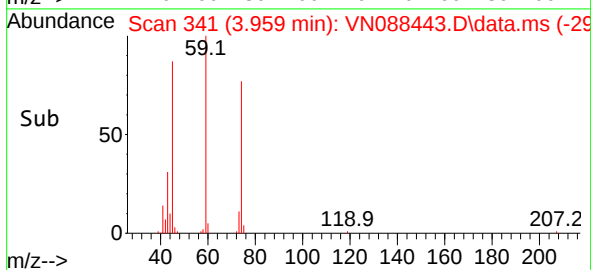
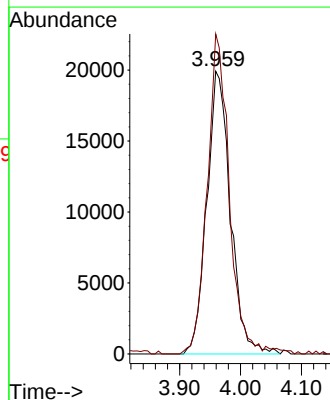
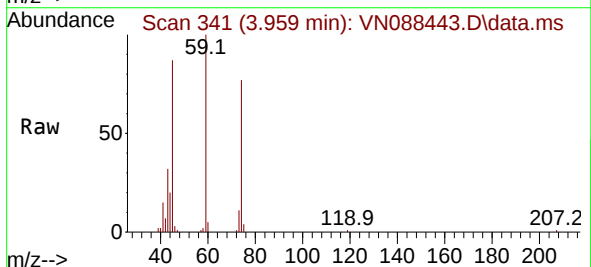
Instrument :
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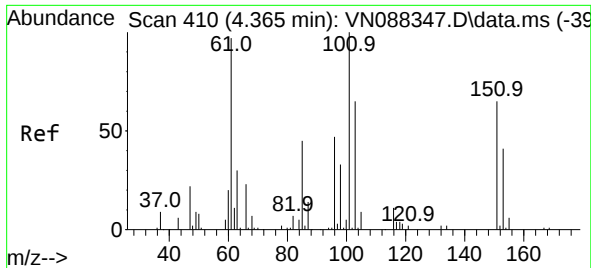
Tgt Ion:101 Resp: 150074
Ion Ratio Lower Upper
101 100
103 61.7 52.3 78.5



#8
Diethyl Ether
Concen: 20.363 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN088443.D
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Tgt Ion: 74 Resp: 53546
Ion Ratio Lower Upper
74 100
45 106.9 54.2 162.6

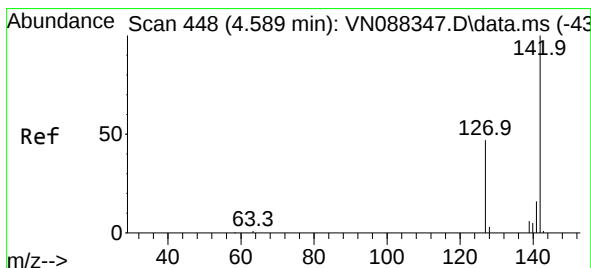
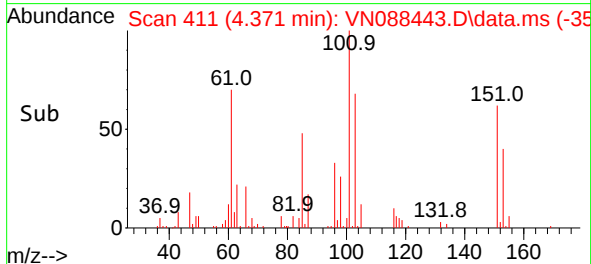
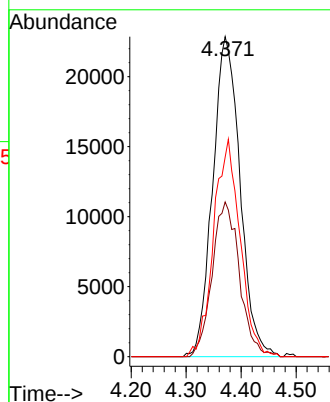
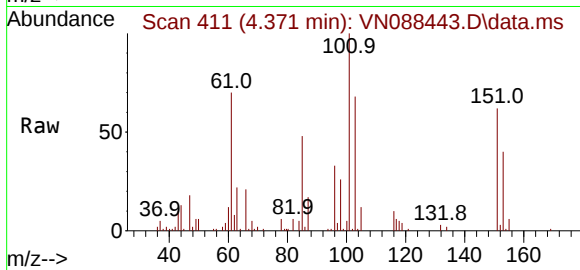




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.166 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
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Acq: 04 Dec 2025 14:12

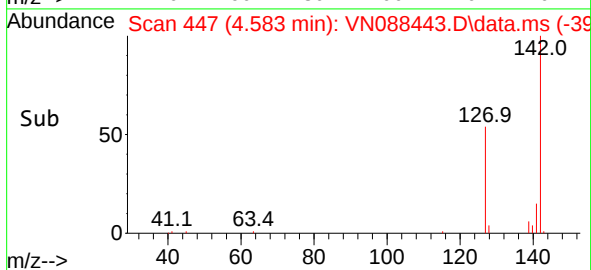
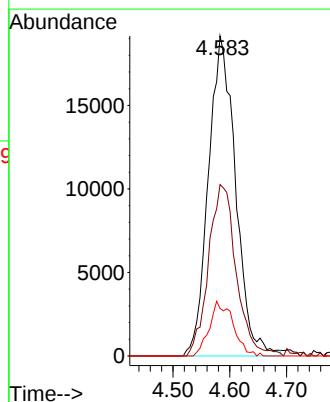
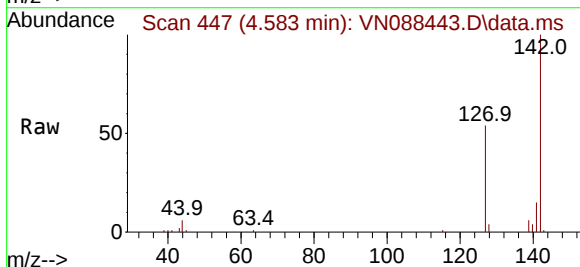
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

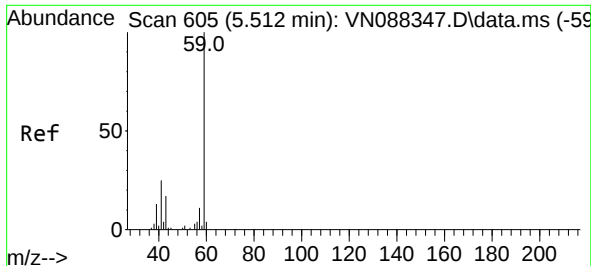
Tgt Ion:101 Resp: 78946
Ion Ratio Lower Upper
101 100
85 48.4 39.2 58.8
151 65.8 53.6 80.4



#10
Methyl Iodide
Concen: 17.241 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion:142 Resp: 63657
Ion Ratio Lower Upper
142 100
127 53.6 37.9 56.9
141 14.8 12.4 18.6

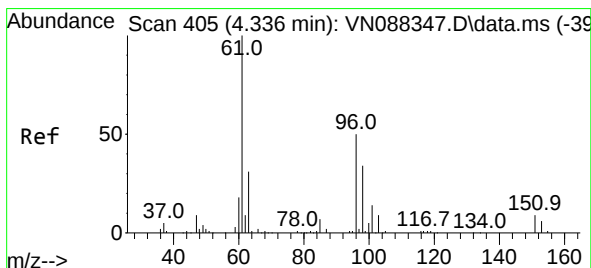
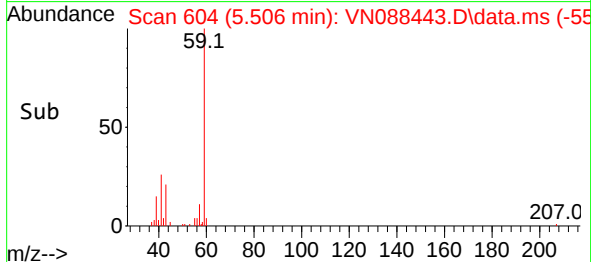
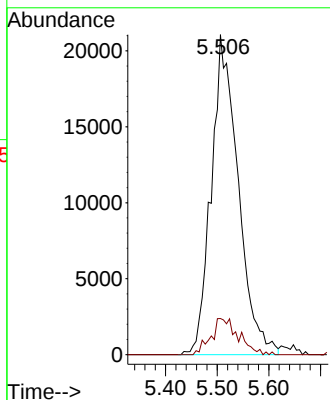
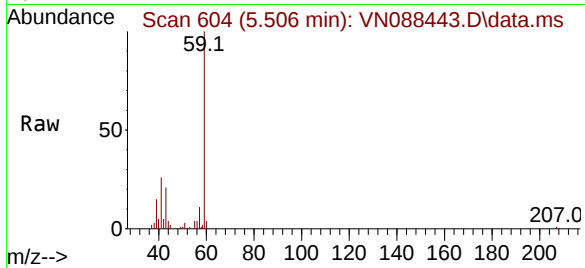




#11
Tert butyl alcohol
Concen: 83.283 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

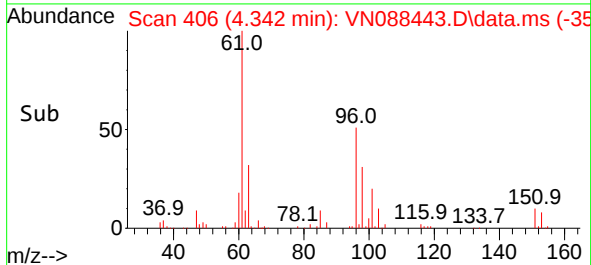
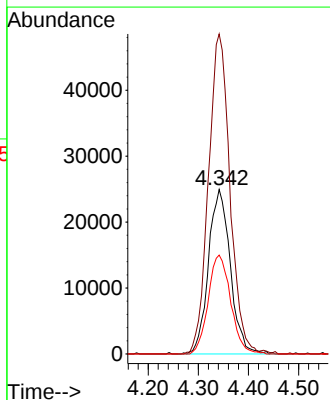
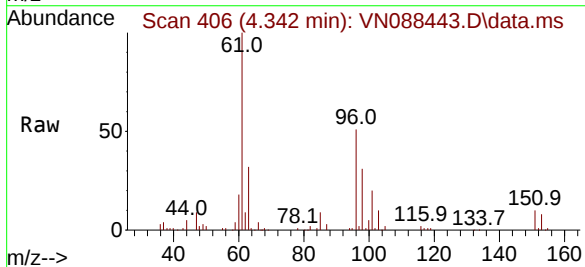
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

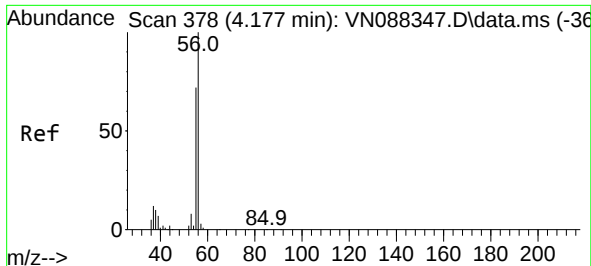
Tgt Ion: 59 Resp: 76083
Ion Ratio Lower Upper
59 100
57 11.6 8.5 12.7



#12
1,1-Dichloroethene
Concen: 20.408 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 96 Resp: 75627
Ion Ratio Lower Upper
96 100
61 194.6 159.1 238.7
98 60.1 53.7 80.5





#13

Acrolein

Concen: 109.036 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN088443.D

Acq: 04 Dec 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

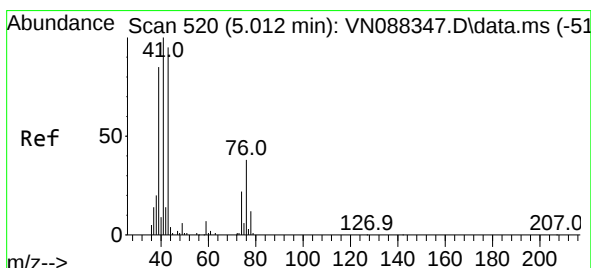
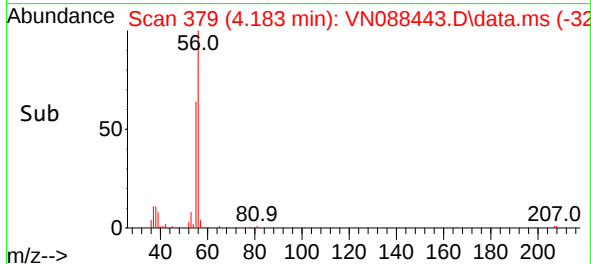
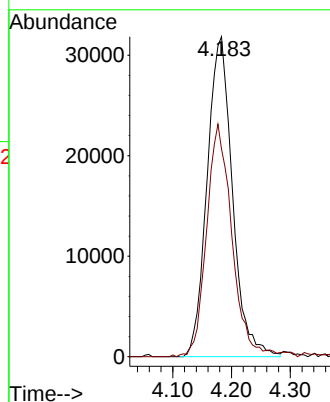
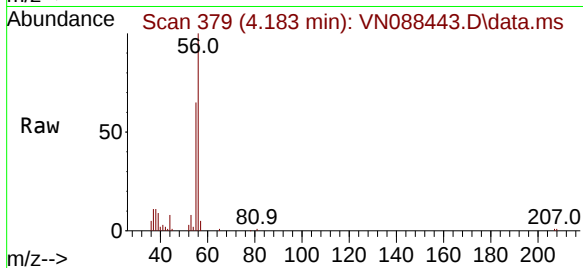
VN1204WBS01

Tgt Ion: 56 Resp: 95364

Ion Ratio Lower Upper

56 100

55 72.4 56.3 84.5



#14

Allyl chloride

Concen: 19.125 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.000 min

Lab File: VN088443.D

Acq: 04 Dec 2025 14:12

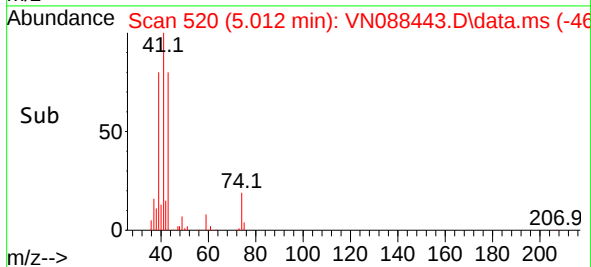
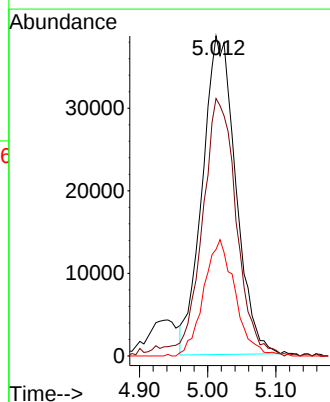
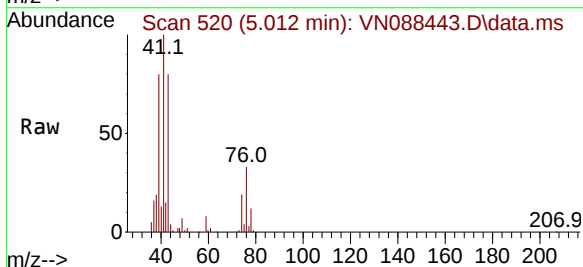
Tgt Ion: 41 Resp: 131363

Ion Ratio Lower Upper

41 100

39 83.5 64.7 97.1

76 34.6 29.1 43.7

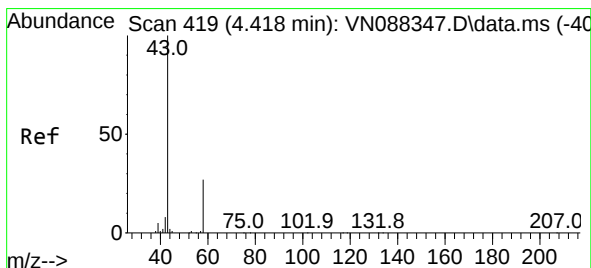
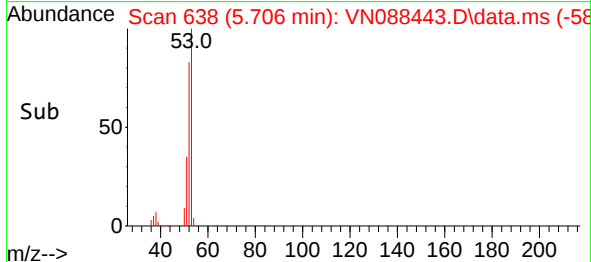
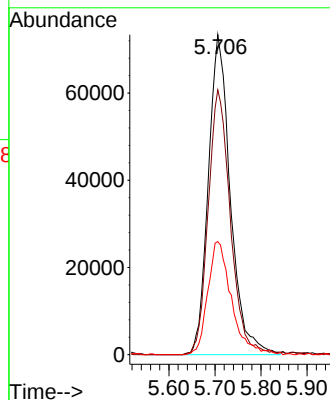
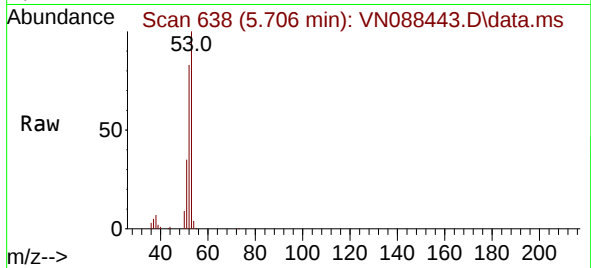




#15
Acrylonitrile
Concen: 92.662 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

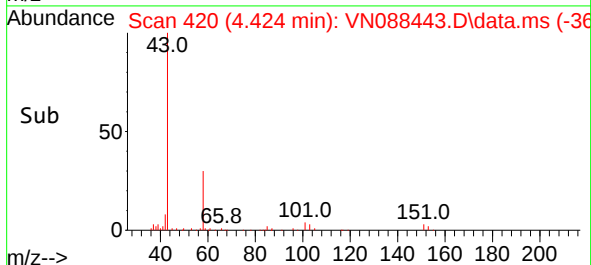
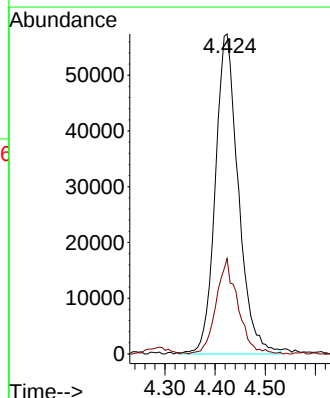
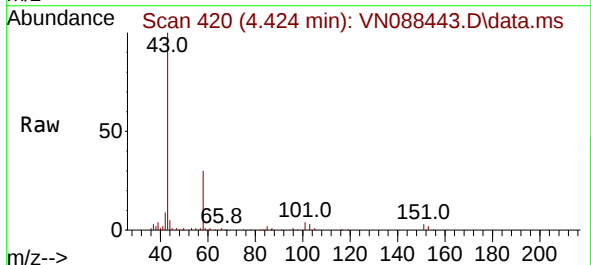
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

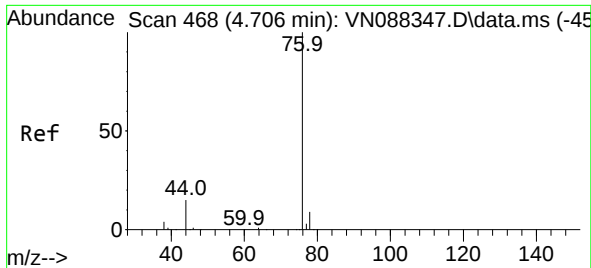
Tgt Ion: 53 Resp: 244233
Ion Ratio Lower Upper
53 100
52 83.6 67.8 101.6
51 38.0 29.8 44.8



#16
Acetone
Concen: 88.674 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 43 Resp: 183497
Ion Ratio Lower Upper
43 100
58 29.4 21.7 32.5

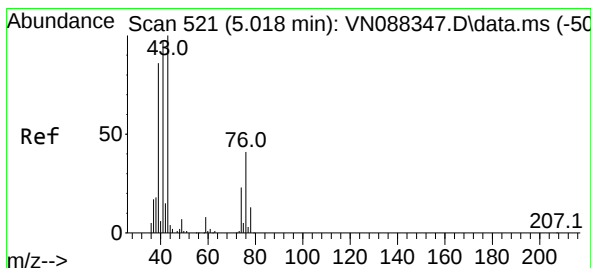
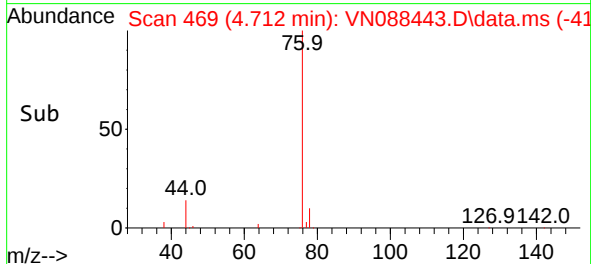
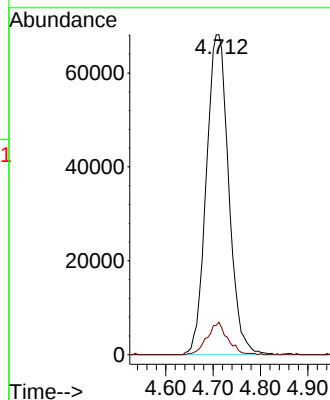
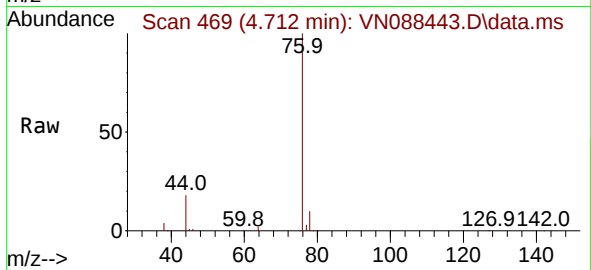




#17
Carbon Disulfide
Concen: 18.447 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

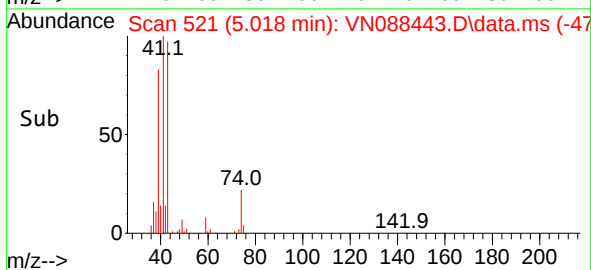
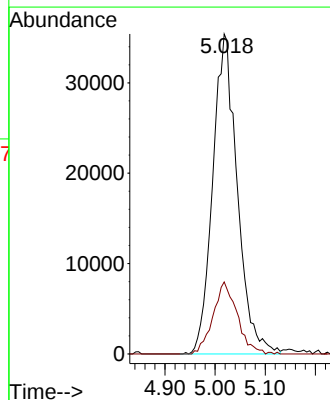
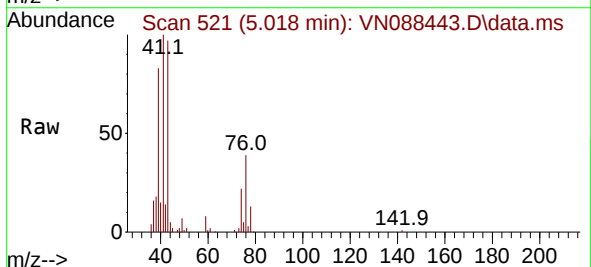
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

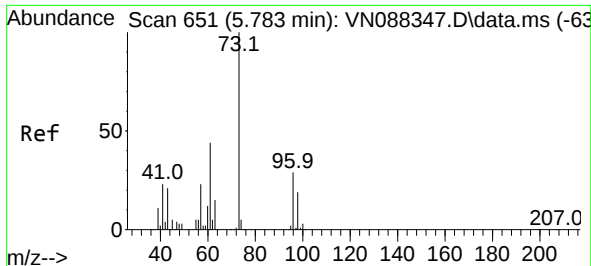
Tgt Ion: 76 Resp: 223379
Ion Ratio Lower Upper
76 100
78 10.1 7.0 10.4



#18
Methyl Acetate
Concen: 19.567 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 43 Resp: 120530
Ion Ratio Lower Upper
43 100
74 22.2 17.9 26.9

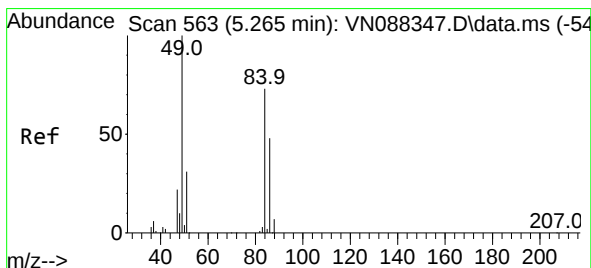
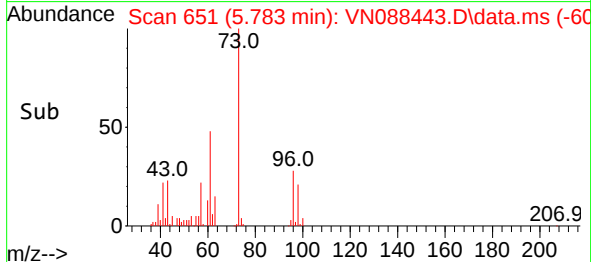
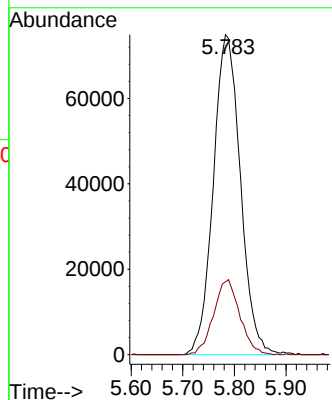
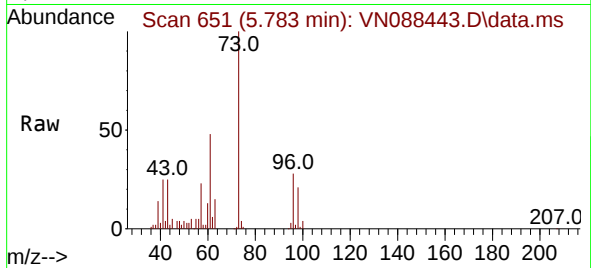




#19
Methyl tert-butyl Ether
Concen: 19.658 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

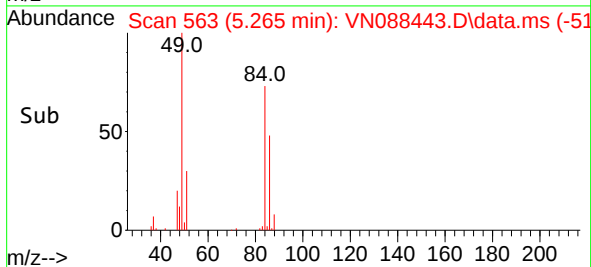
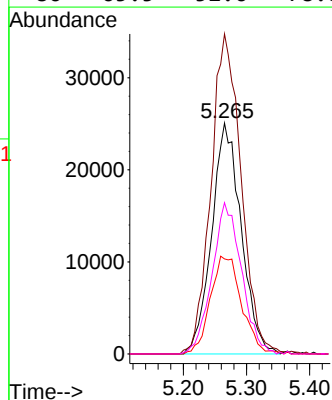
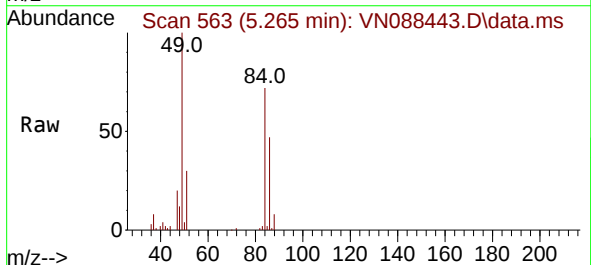
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

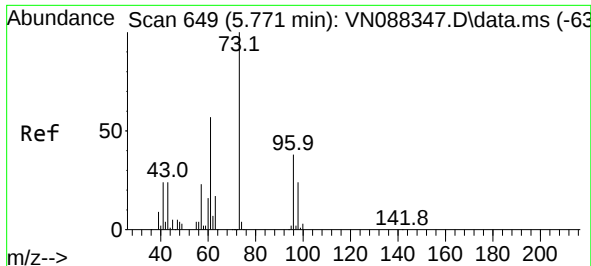
Tgt Ion: 73 Resp: 272930
Ion Ratio Lower Upper
73 100
57 22.8 18.6 28.0



#20
Methylene Chloride
Concen: 18.343 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 84 Resp: 81214
Ion Ratio Lower Upper
84 100
49 138.6 110.2 165.2
51 41.2 34.1 51.1
86 65.5 52.6 78.8

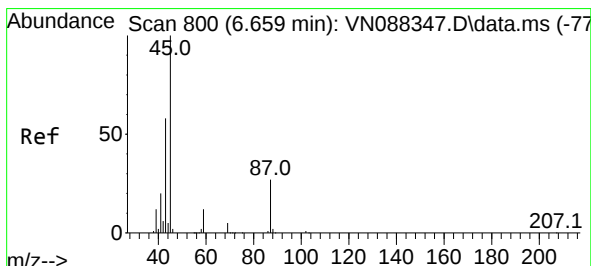
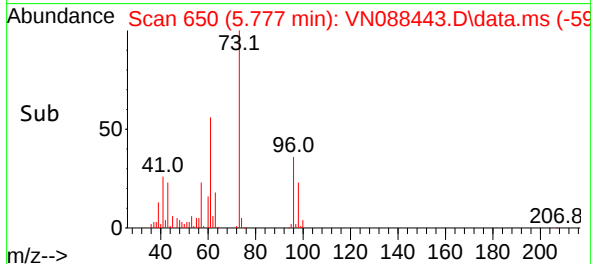
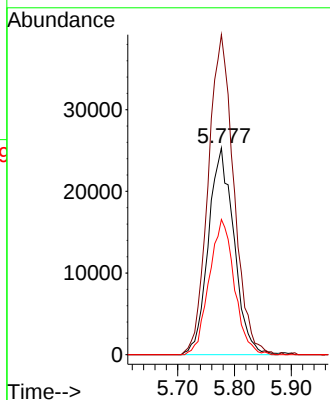
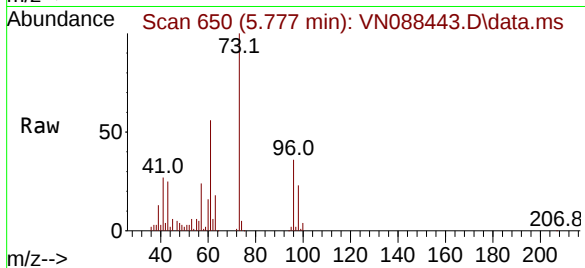




#21
trans-1,2-Dichloroethene
Concen: 19.308 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

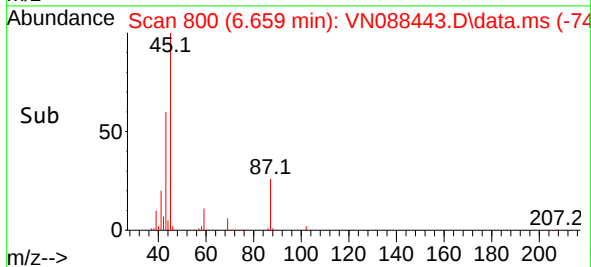
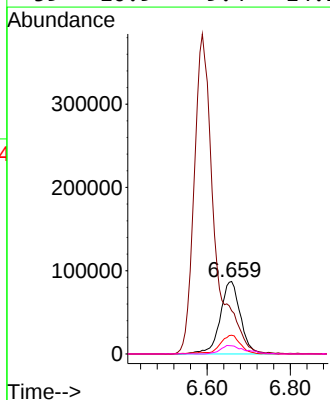
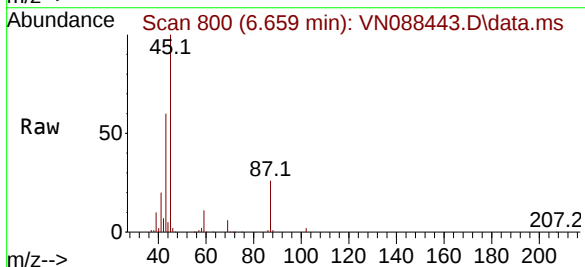
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

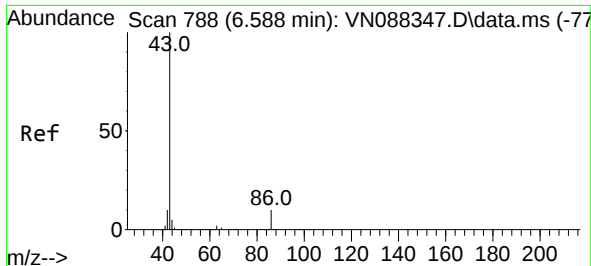
Tgt Ion: 96 Resp: 79259
Ion Ratio Lower Upper
96 100
61 154.8 122.4 183.6
98 65.4 50.9 76.3



#22
Diisopropyl ether
Concen: 20.002 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 45 Resp: 293315
Ion Ratio Lower Upper
45 100
43 58.1 47.4 71.2
87 25.7 21.9 32.9
59 10.9 9.4 14.2

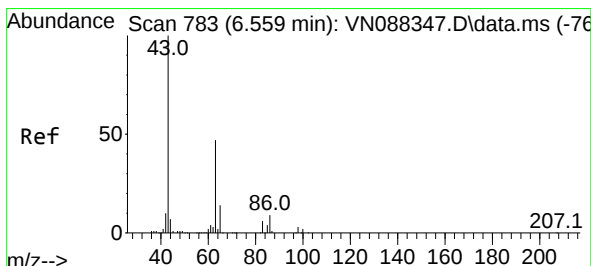
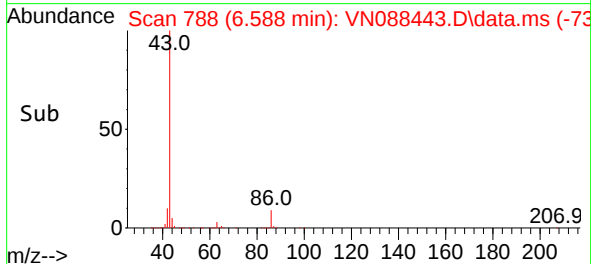
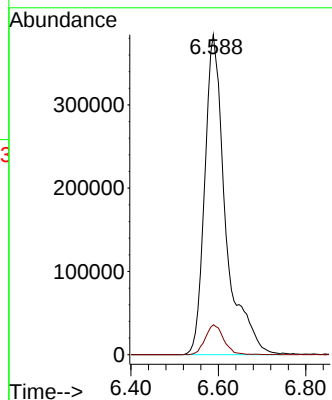
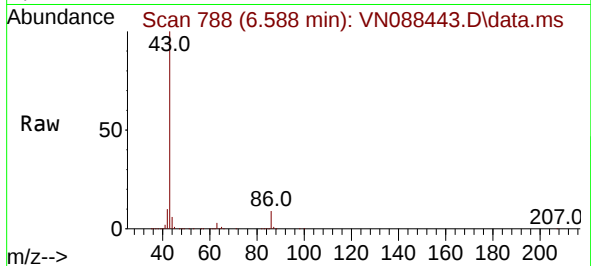




#23
 Vinyl Acetate
 Concen: 108.235 ug/l
 RT: 6.588 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN088443.D
 Acq: 04 Dec 2025 14:12

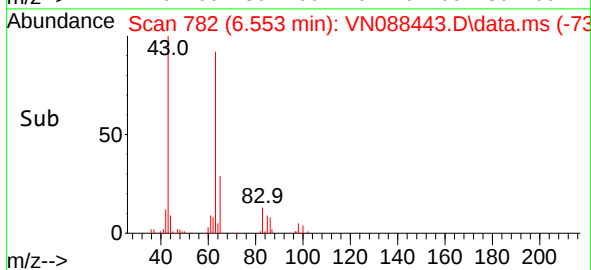
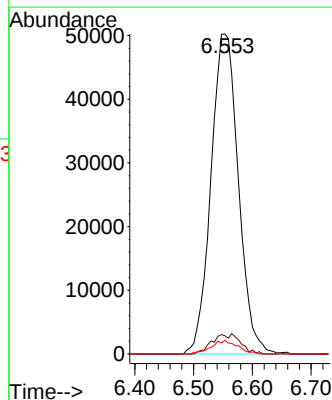
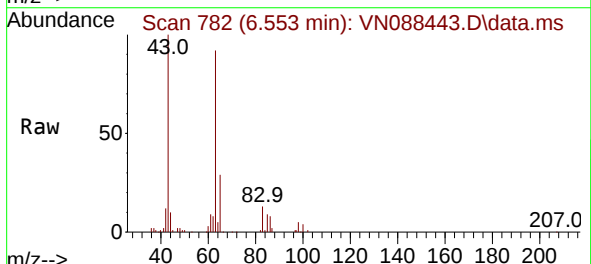
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBS01

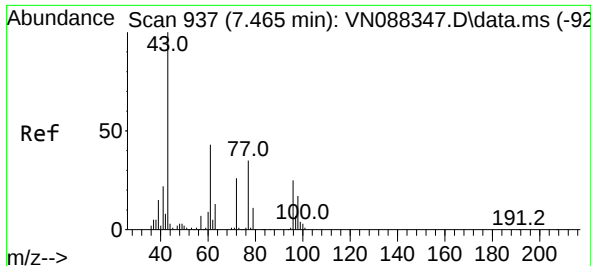
Tgt Ion: 43 Resp: 1278749
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 19.628 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088443.D
 Acq: 04 Dec 2025 14:12

Tgt Ion: 63 Resp: 162999
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.4 10.2
 100 4.3 1.9 5.7

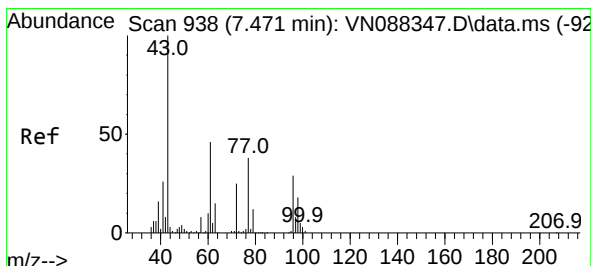
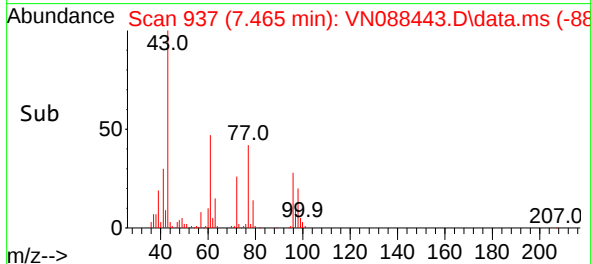
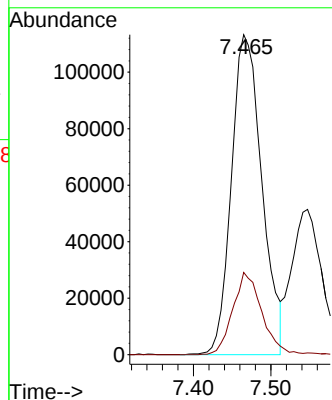
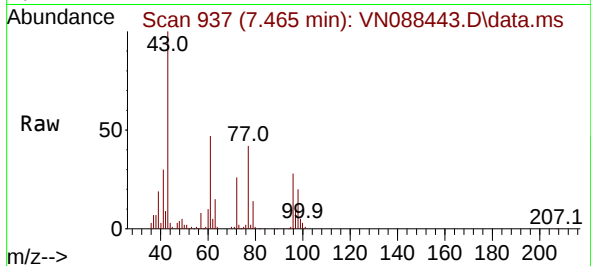




#25
2-Butanone
Concen: 93.245 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

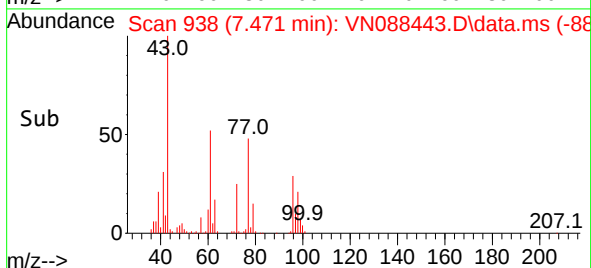
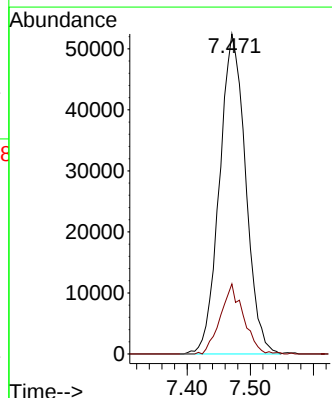
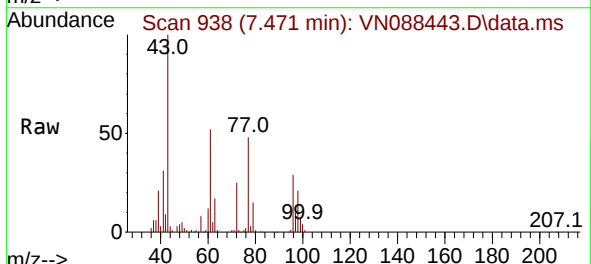
Instrument :
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ClientSampleId :
VN1204WBS01

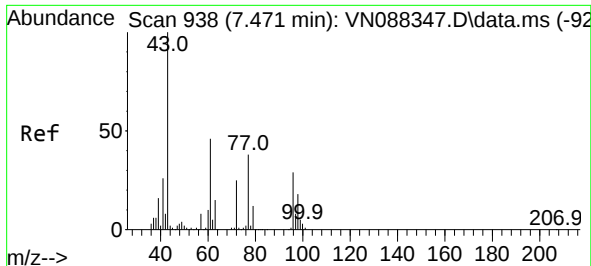
Tgt Ion: 43 Resp: 310201
Ion Ratio Lower Upper
43 100
72 25.7 20.5 30.7



#26
2,2-Dichloropropane
Concen: 21.025 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 77 Resp: 150702
Ion Ratio Lower Upper
77 100
97 19.4 10.3 30.9

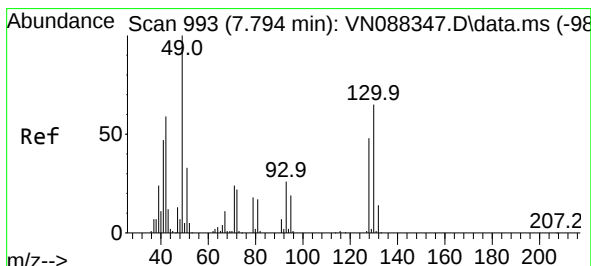
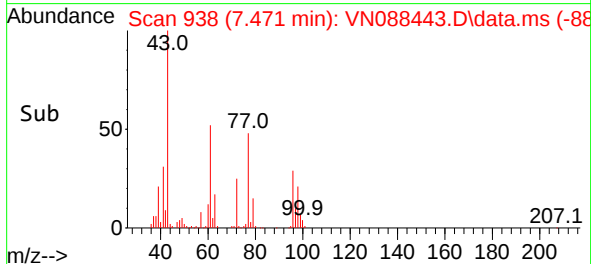
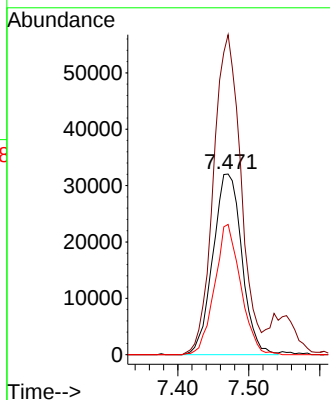
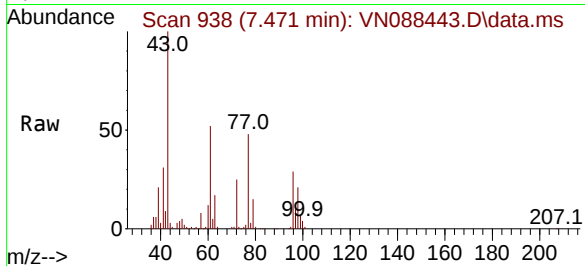




#27
 cis-1,2-Dichloroethene
 Concen: 19.000 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088443.D
 Acq: 04 Dec 2025 14:12

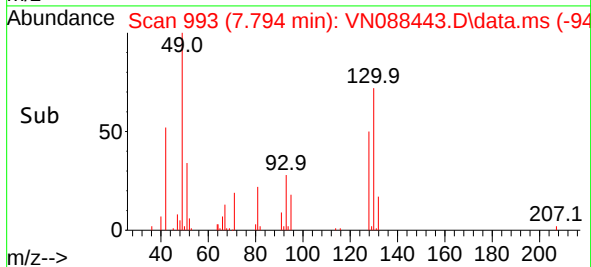
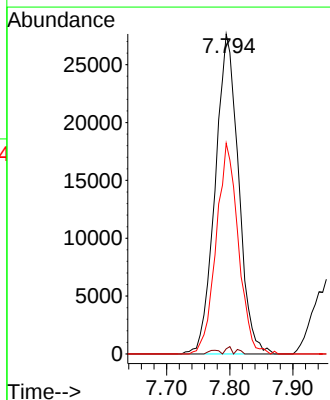
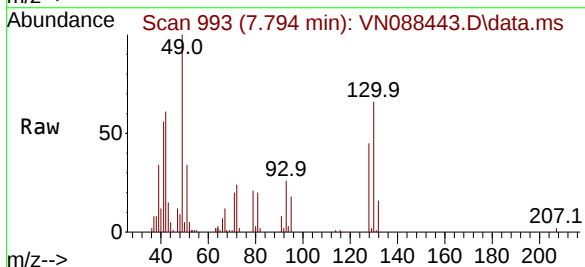
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBS01

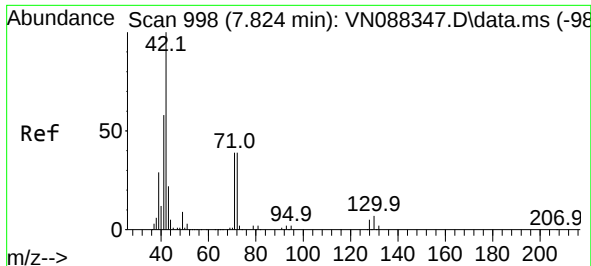
Tgt Ion: 96 Resp: 90646
 Ion Ratio Lower Upper
 96 100
 61 168.3 0.0 323.6
 98 65.1 0.0 127.2



#28
 Bromochloromethane
 Concen: 17.142 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088443.D
 Acq: 04 Dec 2025 14:12

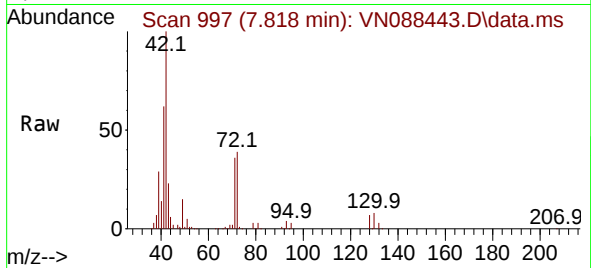
Tgt Ion: 49 Resp: 70911
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.6
 130 62.5 51.1 76.7



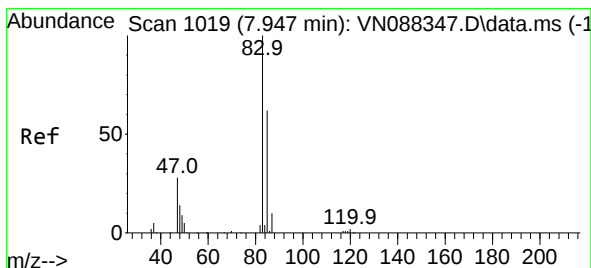
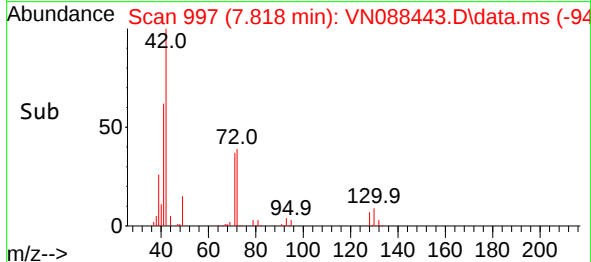
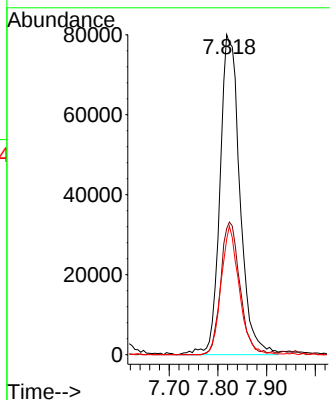


#29
Tetrahydrofuran
Concen: 95.607 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

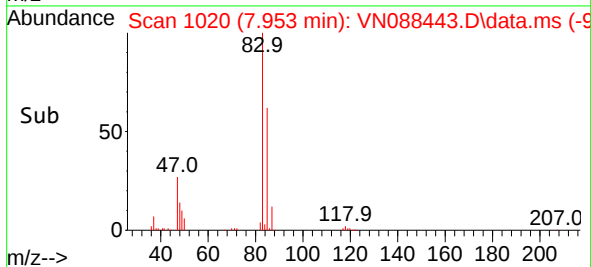
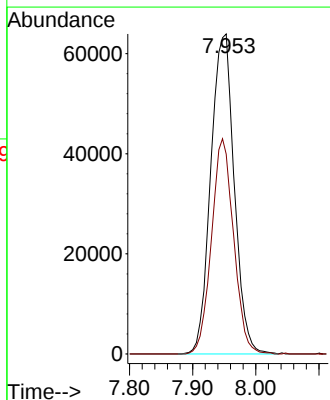
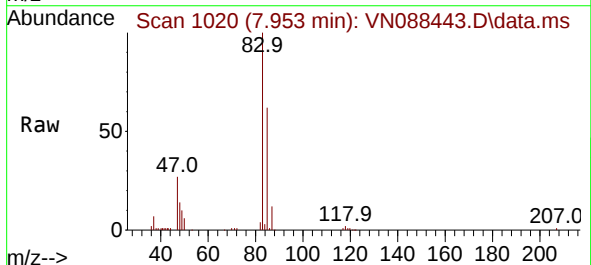


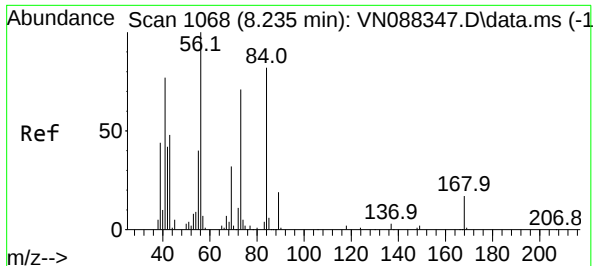
Tgt Ion: 42 Resp: 228135
Ion Ratio Lower Upper
42 100
72 39.8 32.2 48.4
71 36.6 31.1 46.7



#30
Chloroform
Concen: 20.226 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 83 Resp: 165040
Ion Ratio Lower Upper
83 100
85 62.4 49.8 74.8

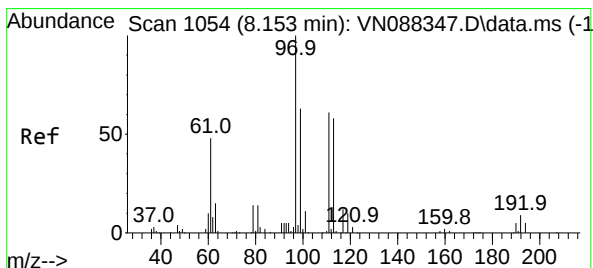
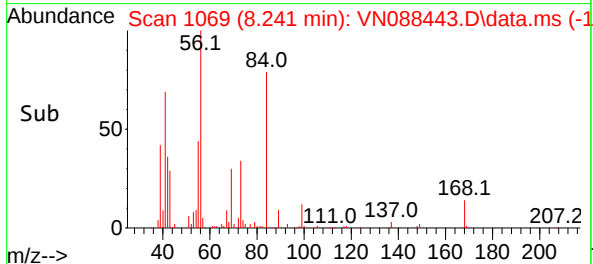
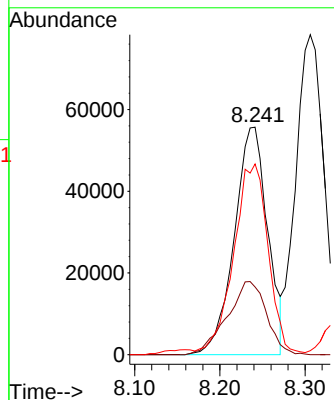
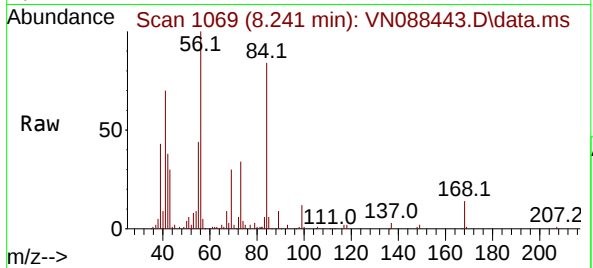




#31
Cyclohexane
Concen: 20.140 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

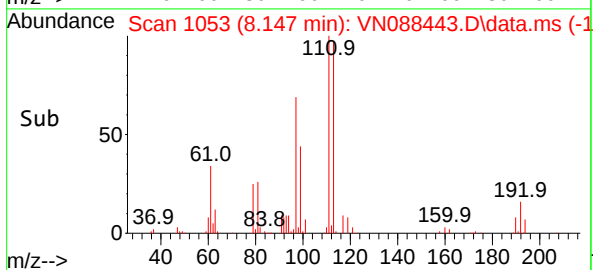
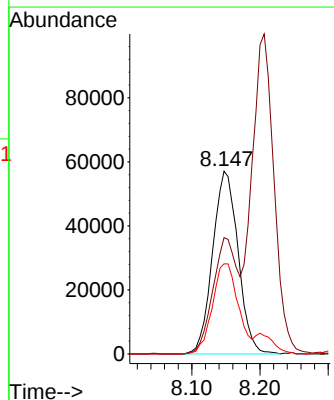
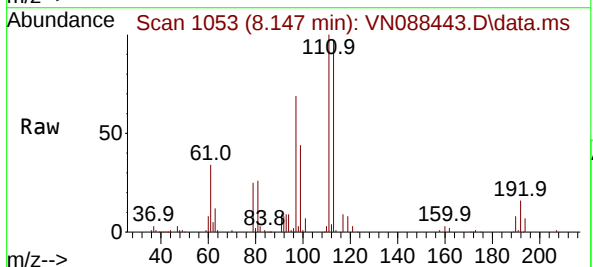
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

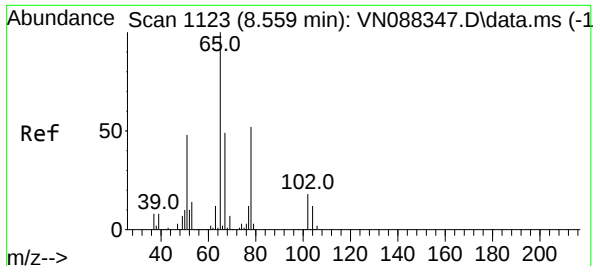
Tgt Ion: 56 Resp: 151560
Ion Ratio Lower Upper
56 100
69 29.8 25.3 37.9
84 81.7 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 20.683 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 97 Resp: 148393
Ion Ratio Lower Upper
97 100
99 60.8 50.8 76.2
61 50.2 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 53.752 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088443.D

Acq: 04 Dec 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

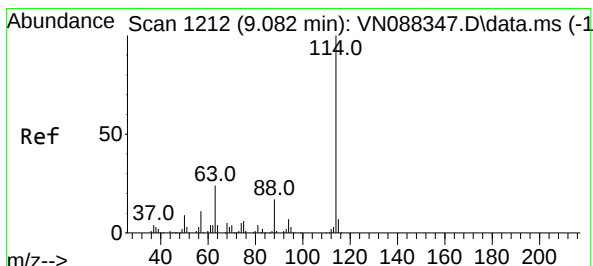
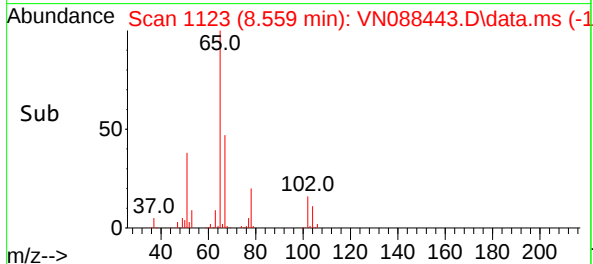
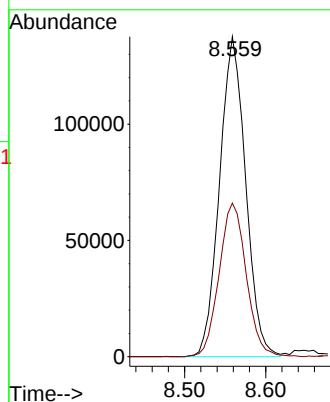
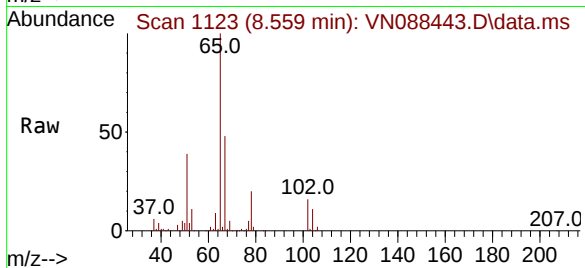
VN1204WBS01

Tgt Ion: 65 Resp: 307567

Ion Ratio Lower Upper

65 100

67 49.9 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088443.D

Acq: 04 Dec 2025 14:12

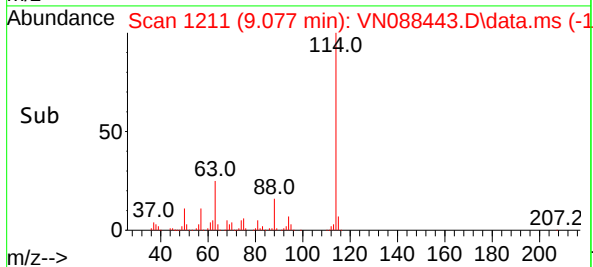
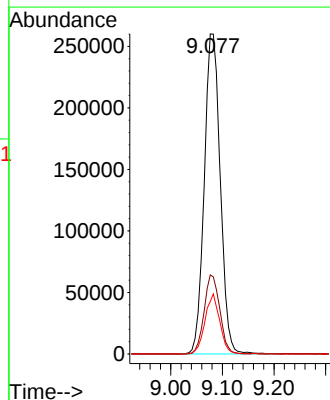
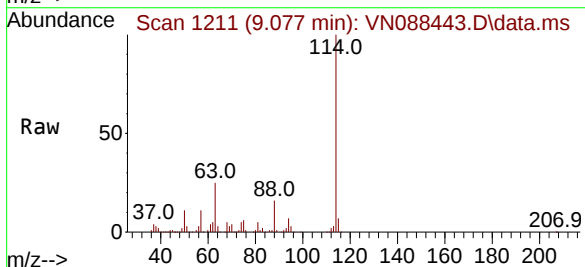
Tgt Ion: 114 Resp: 559564

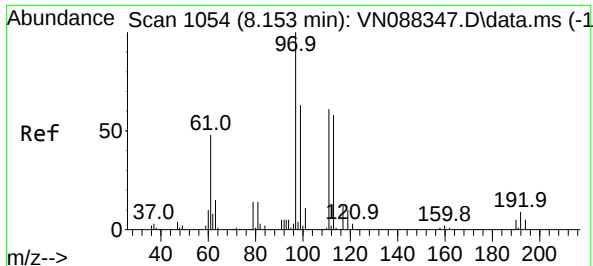
Ion Ratio Lower Upper

114 100

63 24.7 0.0 49.0

88 16.4 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.701 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088443.D

Acq: 04 Dec 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBS01

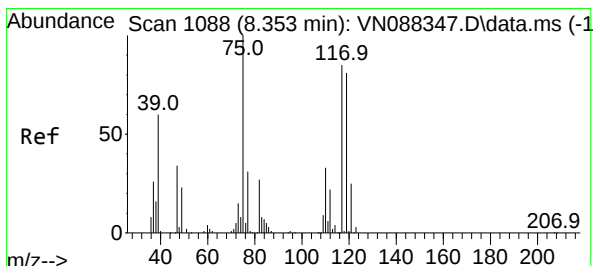
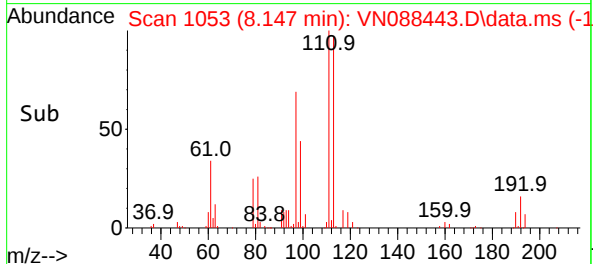
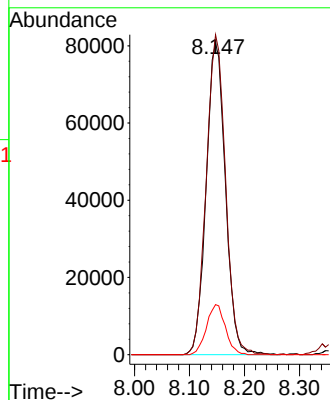
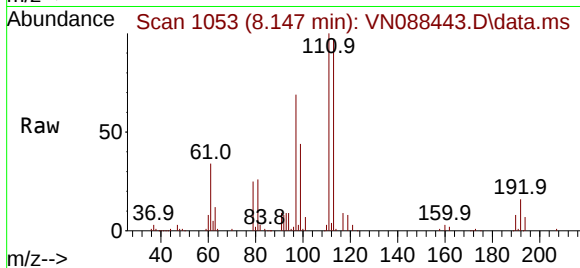
Tgt Ion:113 Resp: 196606

Ion Ratio Lower Upper

113 100

111 102.9 82.5 123.7

192 15.7 12.8 19.2



#36

1,1-Dichloropropene

Concen: 19.538 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN088443.D

Acq: 04 Dec 2025 14:12

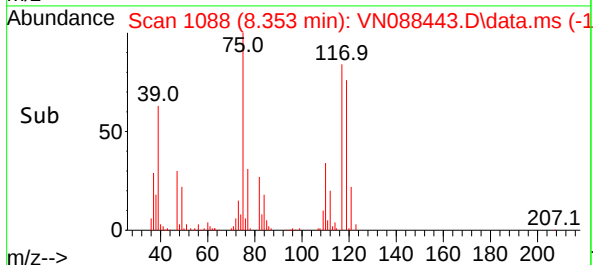
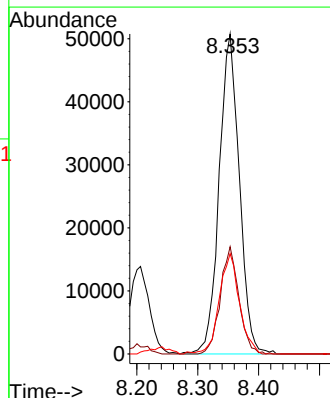
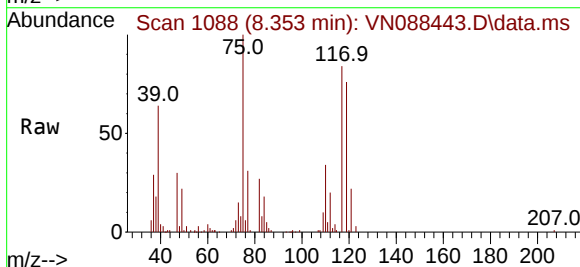
Tgt Ion: 75 Resp: 116928

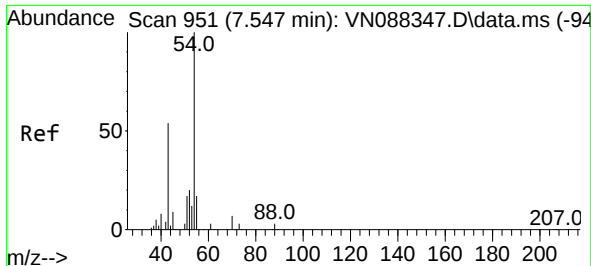
Ion Ratio Lower Upper

75 100

110 30.8 15.8 47.4

77 31.3 24.2 36.2

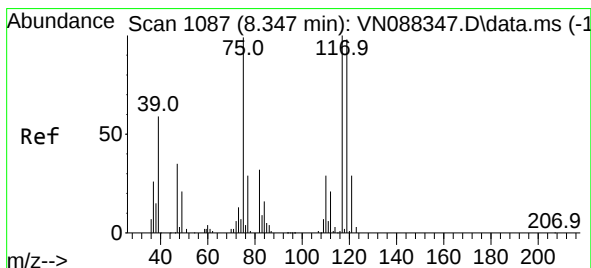
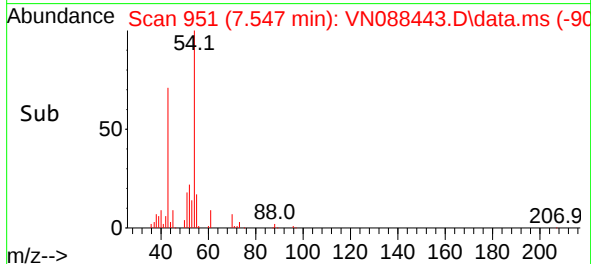
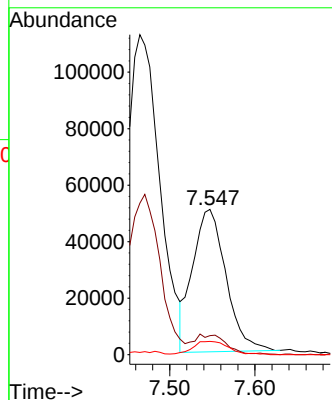
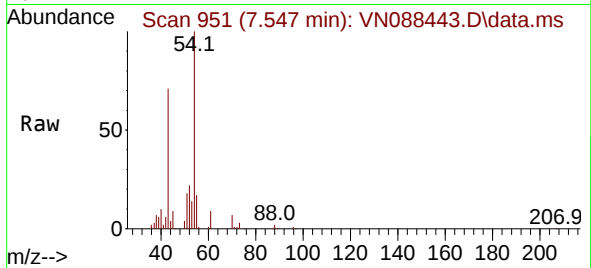




#37
Ethyl Acetate
Concen: 17.457 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

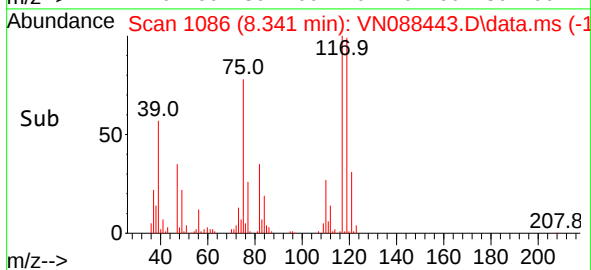
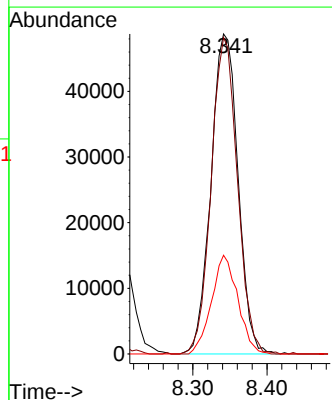
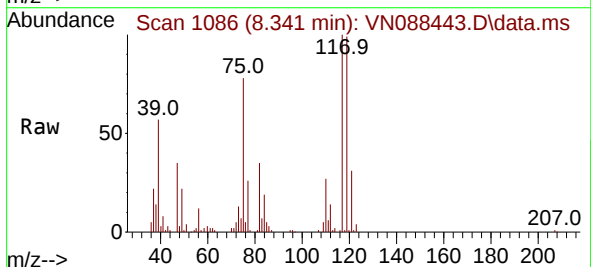
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

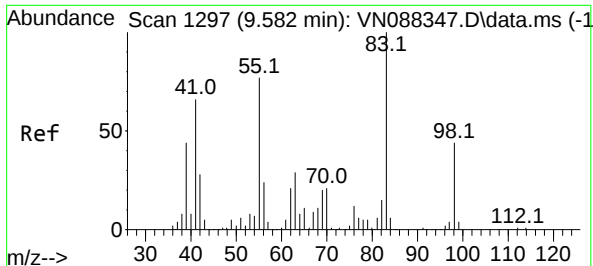
Tgt Ion: 43 Resp: 137369
Ion Ratio Lower Upper
43 100
61 12.9 9.5 14.3
70 10.1 7.1 10.7



#38
Carbon Tetrachloride
Concen: 20.706 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 117 Resp: 123356
Ion Ratio Lower Upper
117 100
119 98.9 78.2 117.4
121 30.9 23.4 35.2





#39

Methylcyclohexane

Concen: 19.606 ug/l

RT: 9.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN088443.D

Acq: 04 Dec 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBS01

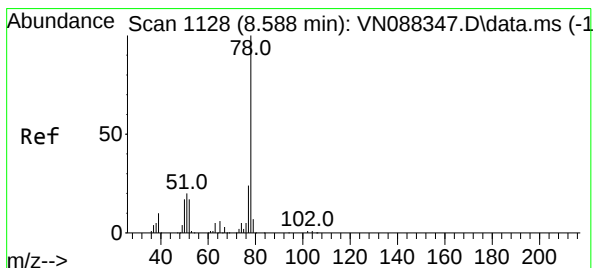
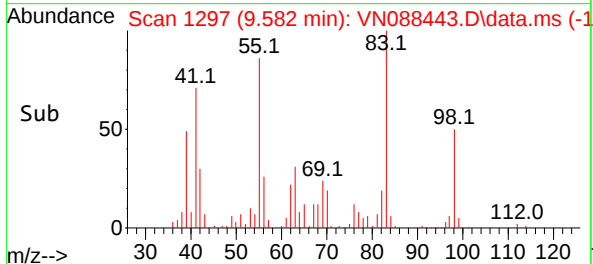
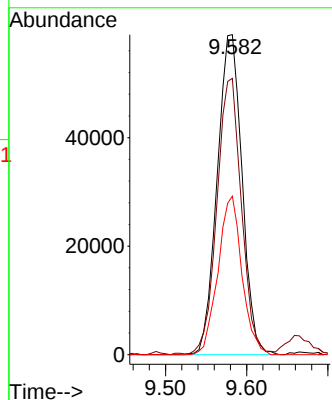
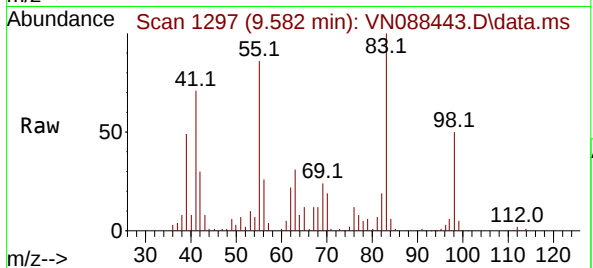
Tgt Ion: 83 Resp: 125506

Ion Ratio Lower Upper

83 100

55 85.9 61.6 92.4

98 49.5 35.3 52.9



#40

Benzene

Concen: 19.326 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088443.D

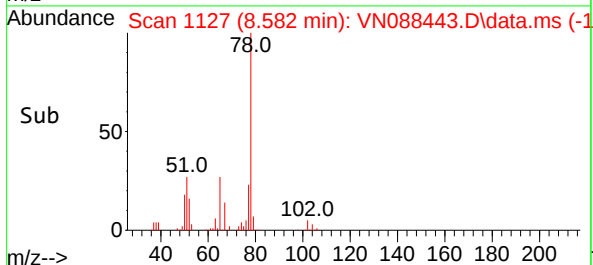
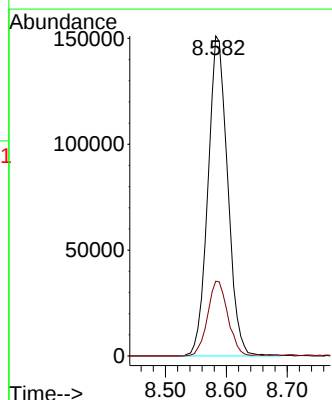
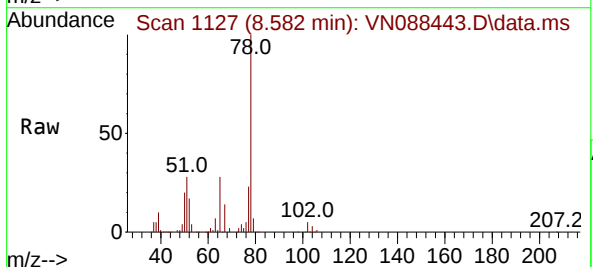
Acq: 04 Dec 2025 14:12

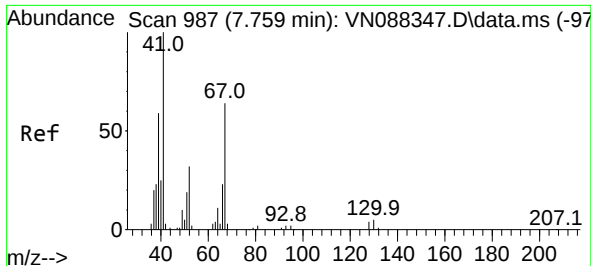
Tgt Ion: 78 Resp: 339466

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.4

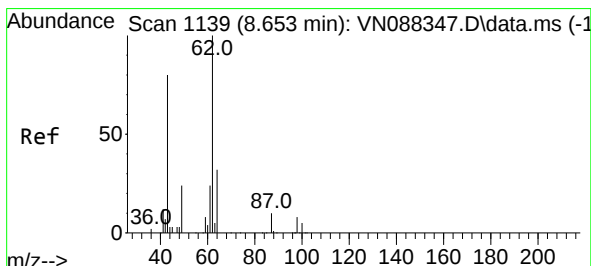
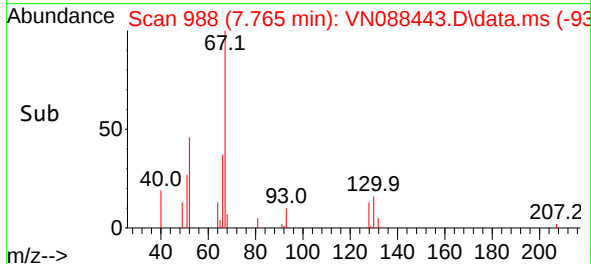
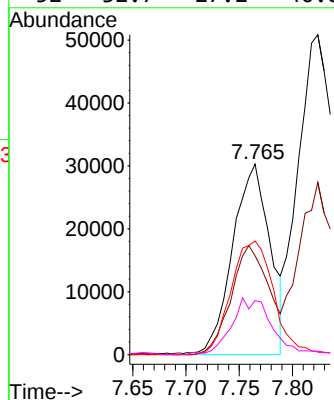
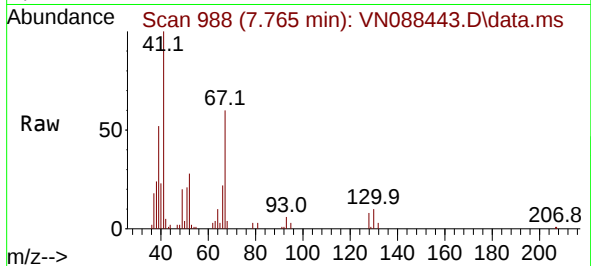




#41
Methacrylonitrile
Concen: 18.995 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

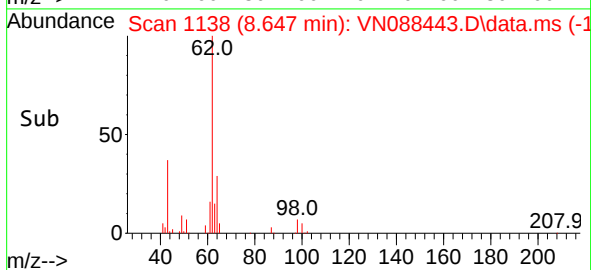
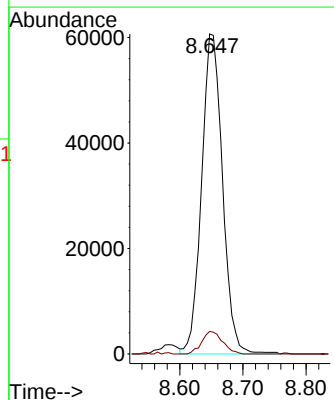
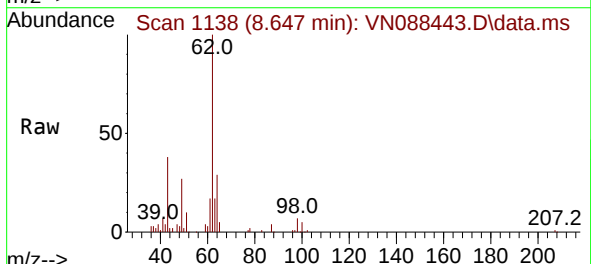
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

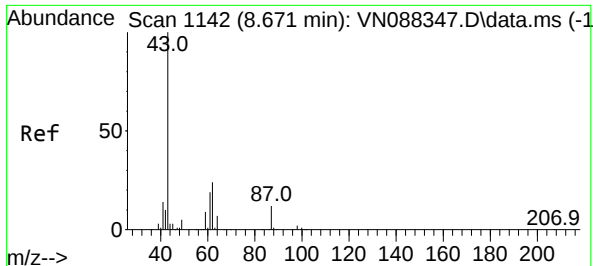
Tgt Ion: 41 Resp: 74031
Ion Ratio Lower Upper
41 100
39 57.8 46.3 69.5
67 67.9 54.7 82.1
52 32.7 27.2 40.8



#42
1,2-Dichloroethane
Concen: 20.817 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 62 Resp: 139506
Ion Ratio Lower Upper
62 100
98 7.0 0.0 16.2

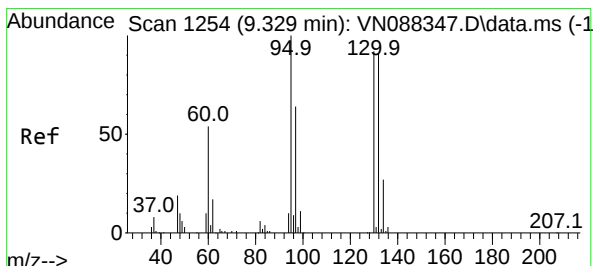
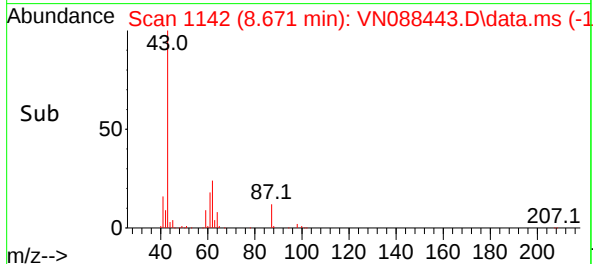
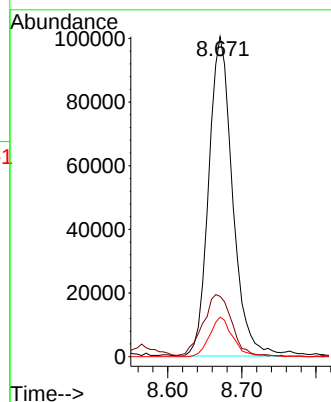
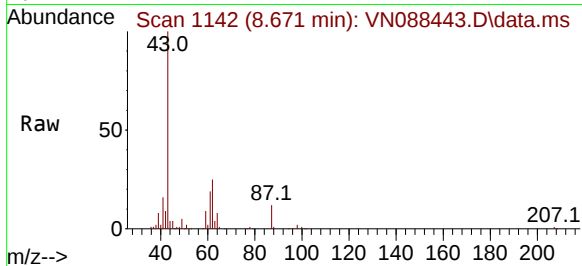




#43
Isopropyl Acetate
Concen: 18.642 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

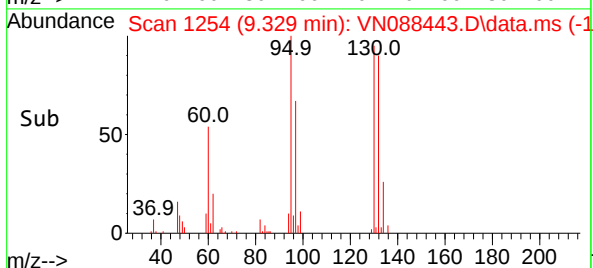
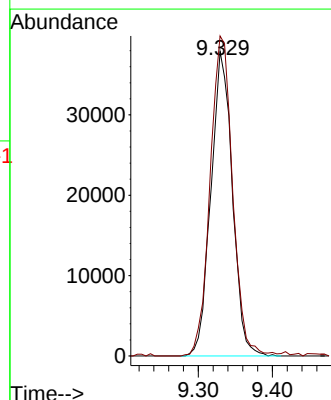
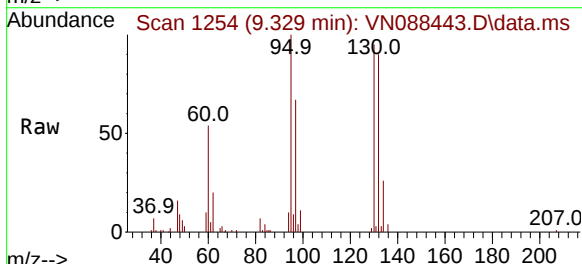
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

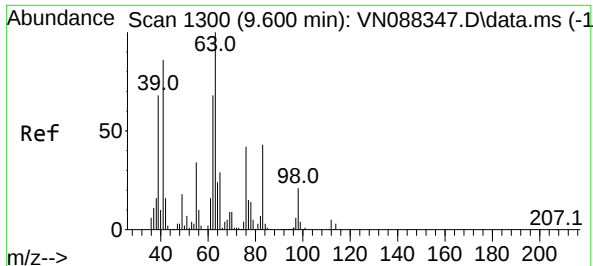
Tgt Ion: 43 Resp: 224127
Ion Ratio Lower Upper
43 100
61 23.5 18.7 28.1
87 11.9 9.1 13.7



#44
Trichloroethene
Concen: 18.330 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion:130 Resp: 76077
Ion Ratio Lower Upper
130 100
95 105.1 0.0 217.0





#45

1,2-Dichloropropane

Concen: 19.346 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088443.D

Acq: 04 Dec 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

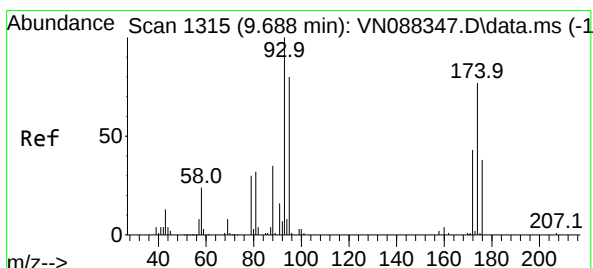
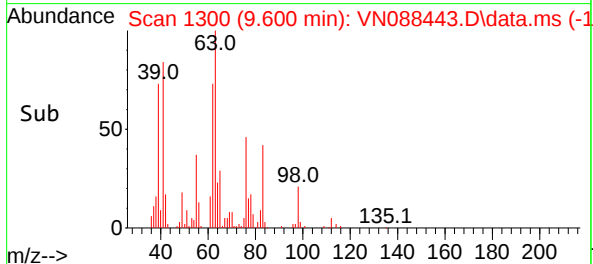
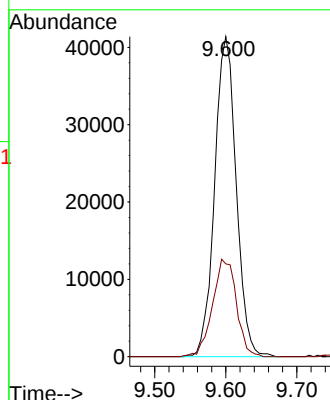
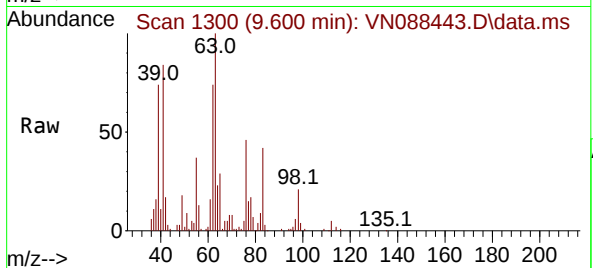
VN1204WBS01

Tgt Ion: 63 Resp: 87062

Ion Ratio Lower Upper

63 100

65 29.0 23.0 34.4



#46

Dibromomethane

Concen: 19.425 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088443.D

Acq: 04 Dec 2025 14:12

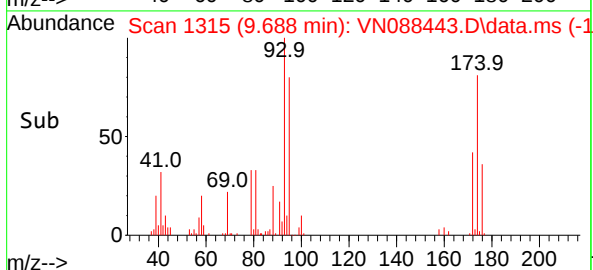
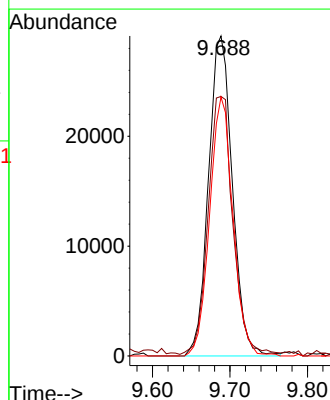
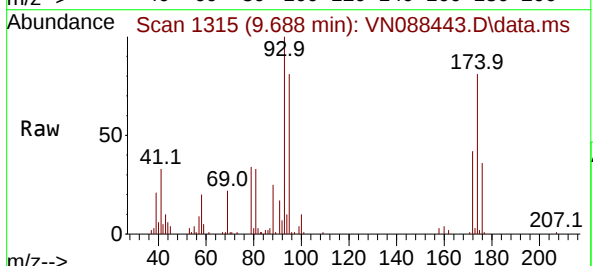
Tgt Ion: 93 Resp: 62387

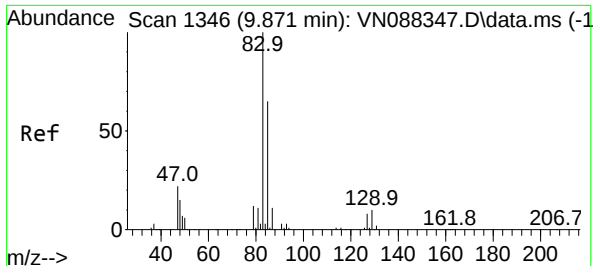
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.6

174 79.1 64.3 96.5





#47

Bromodichloromethane

Concen: 19.931 ug/l

RT: 9.865 min Scan# 1345

Delta R.T. -0.006 min

Lab File: VN088443.D

Acq: 04 Dec 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBS01

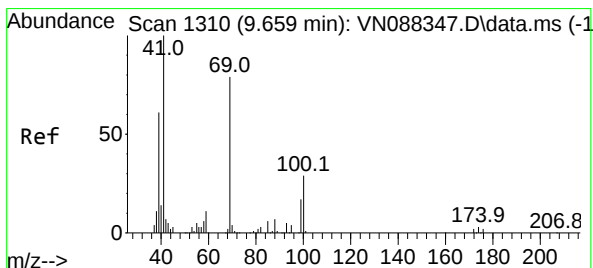
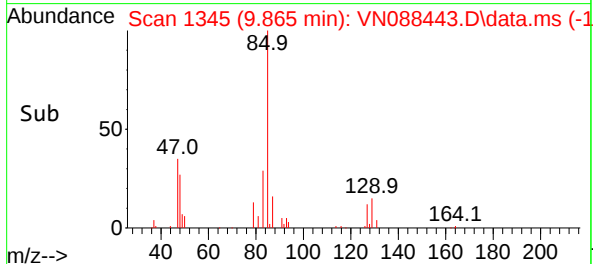
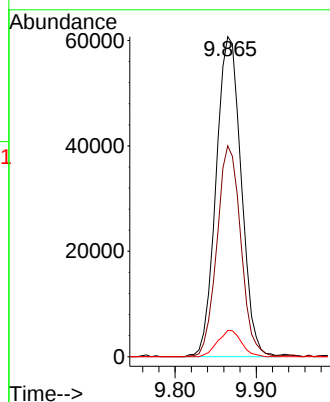
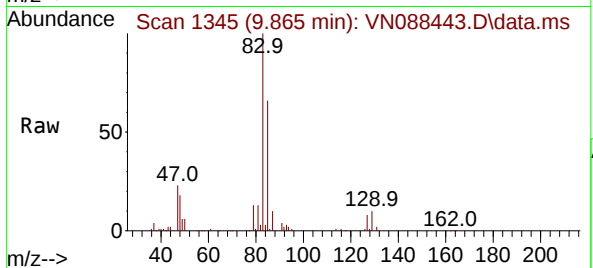
Tgt Ion: 83 Resp: 130611

Ion Ratio Lower Upper

83 100

85 65.9 51.9 77.9

127 8.2 6.3 9.5



#48

Methyl methacrylate

Concen: 18.966 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VN088443.D

Acq: 04 Dec 2025 14:12

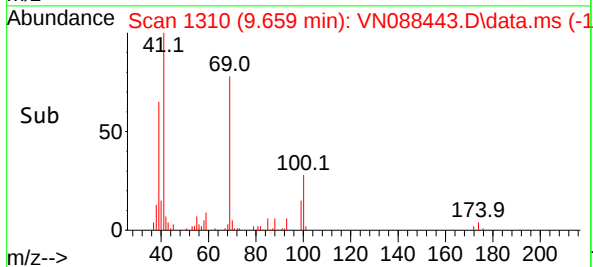
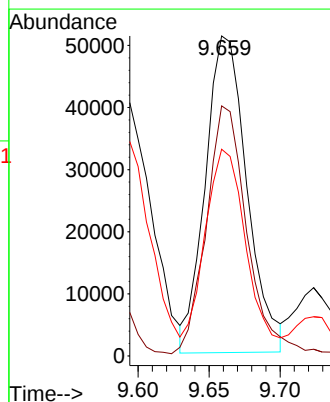
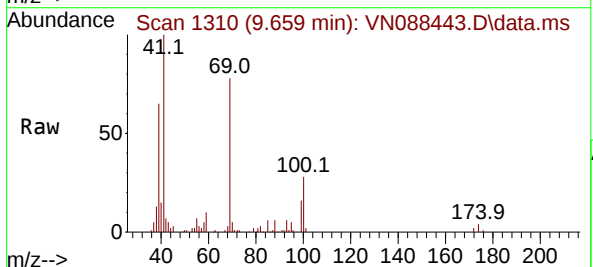
Tgt Ion: 41 Resp: 104044

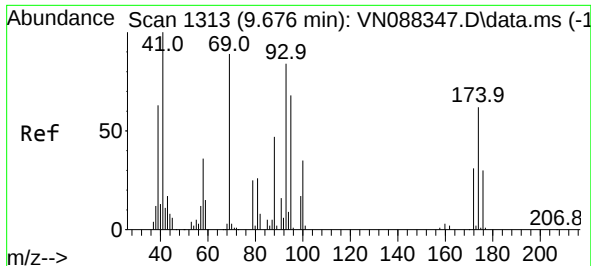
Ion Ratio Lower Upper

41 100

69 77.3 62.4 93.6

39 64.7 52.6 79.0





#49

1,4-Dioxane

Concen: 312.972 ug/l

RT: 9.677 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088443.D

Acq: 04 Dec 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBS01

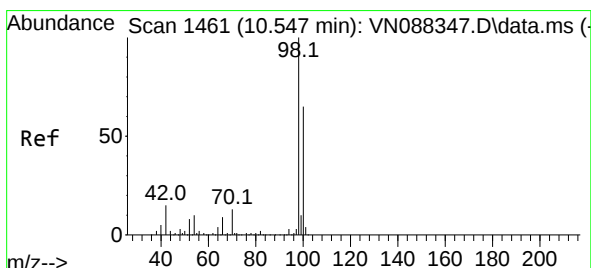
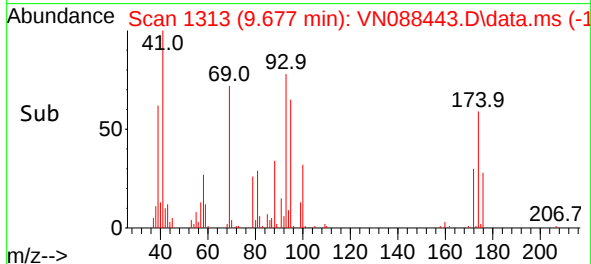
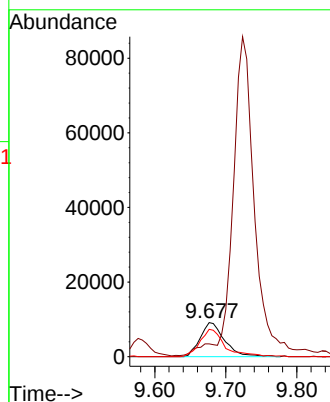
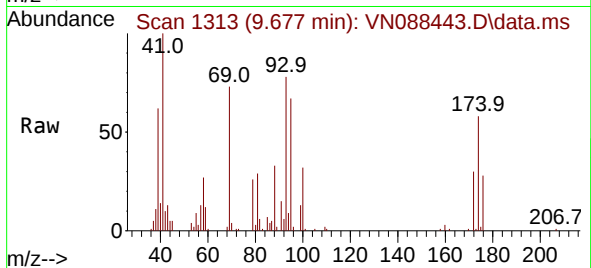
Tgt Ion: 88 Resp: 21834

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 82.9 62.0 93.0



#50

Toluene-d8

Concen: 51.664 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN088443.D

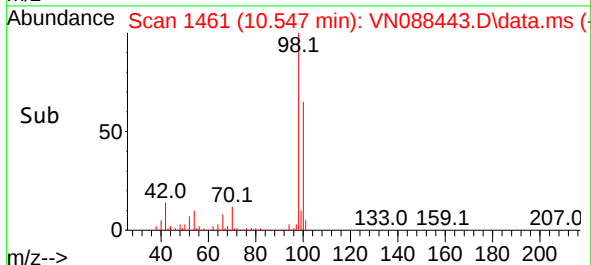
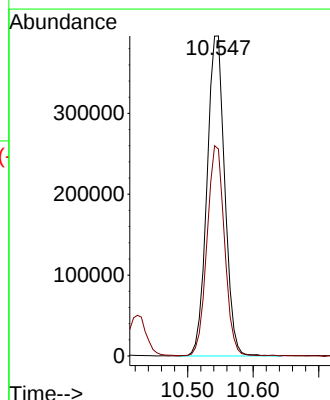
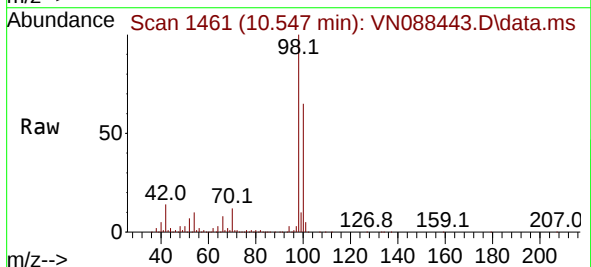
Acq: 04 Dec 2025 14:12

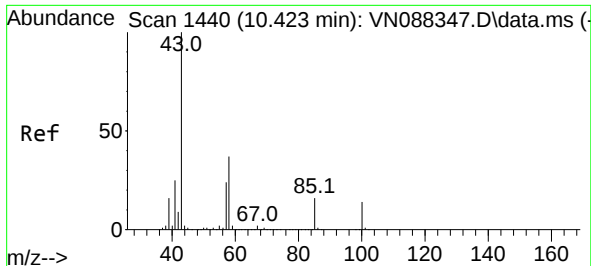
Tgt Ion: 98 Resp: 745425

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2

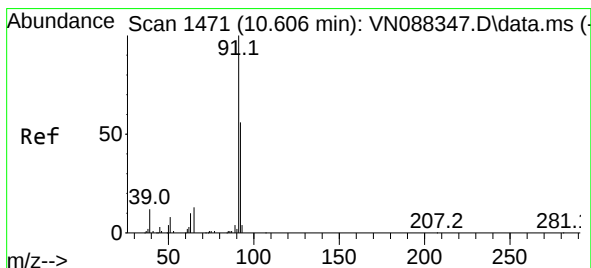
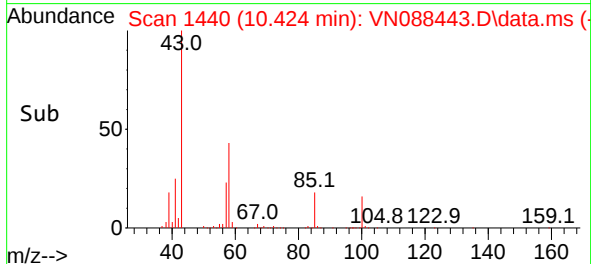
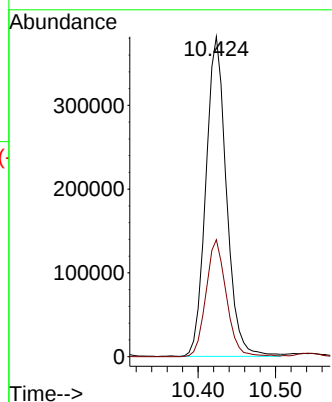
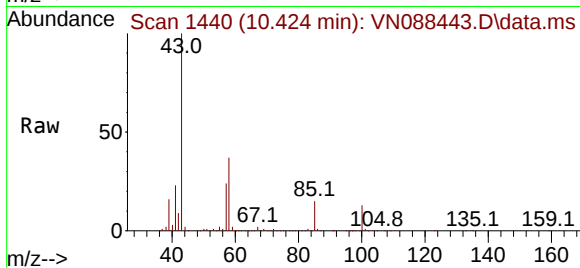




#51
4-Methyl-2-Pentanone
Concen: 99.372 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

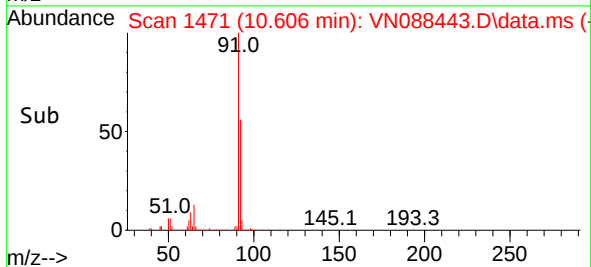
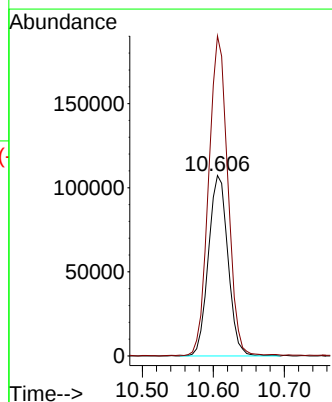
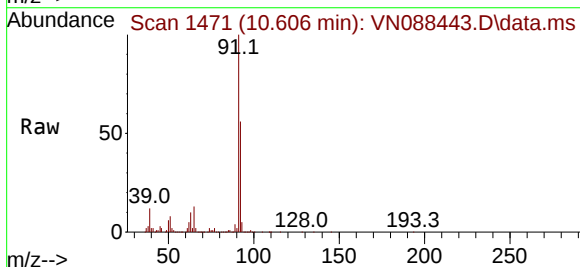
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

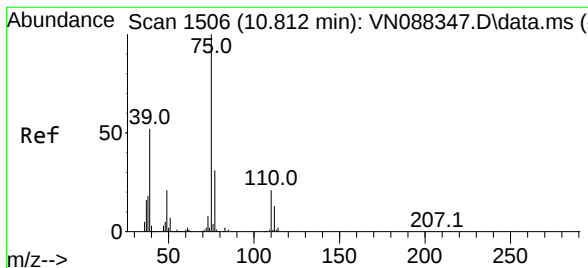
Tgt Ion: 43 Resp: 704216
Ion Ratio Lower Upper
43 100
58 36.2 29.1 43.7



#52
Toluene
Concen: 20.214 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 92 Resp: 205014
Ion Ratio Lower Upper
92 100
91 174.1 140.2 210.2

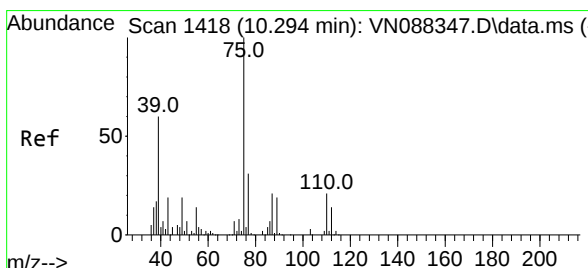
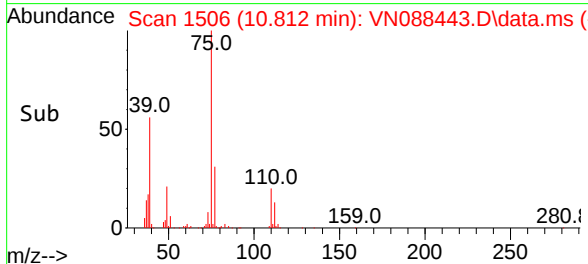
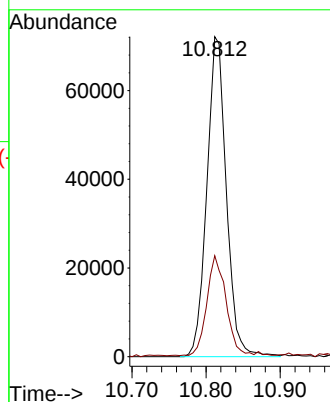
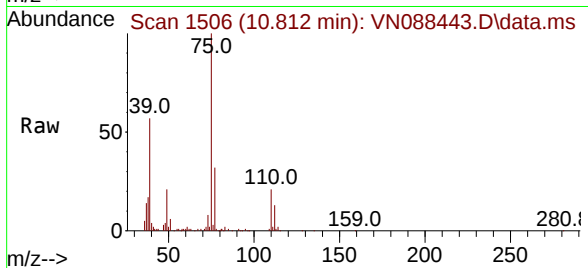




#53
t-1,3-Dichloropropene
Concen: 19.609 ug/l
RT: 10.812 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

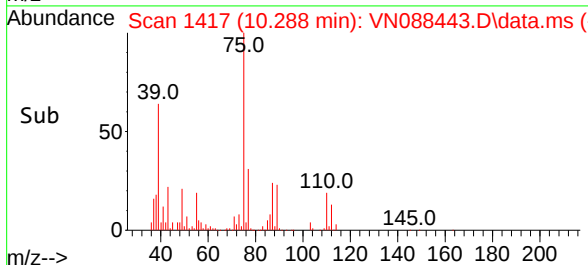
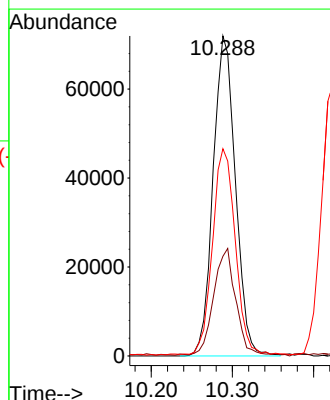
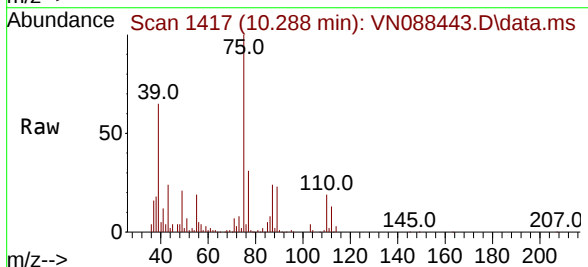
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

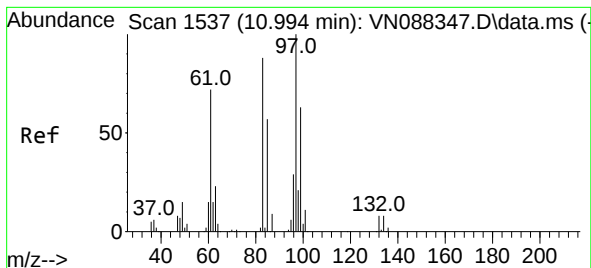
Tgt Ion: 75 Resp: 131896
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 19.447 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 75 Resp: 137564
Ion Ratio Lower Upper
75 100
77 30.8 24.5 36.7
39 64.3 48.3 72.5

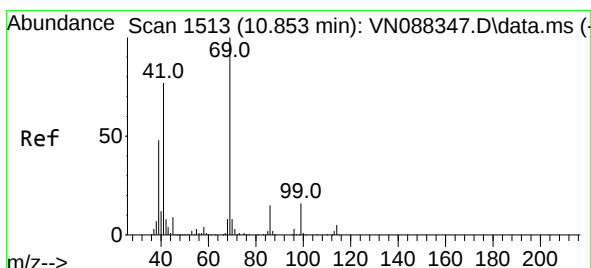
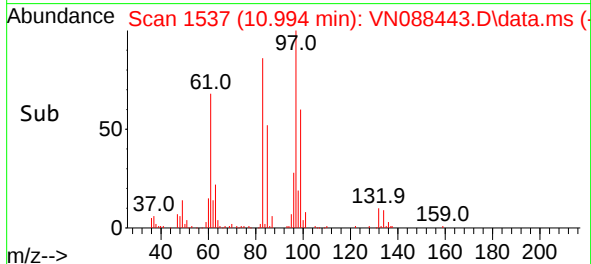
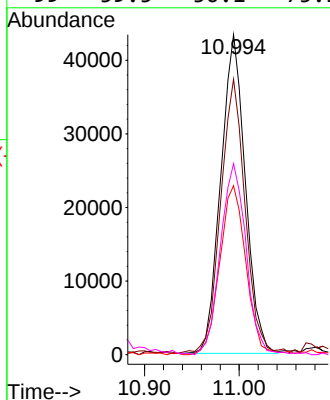
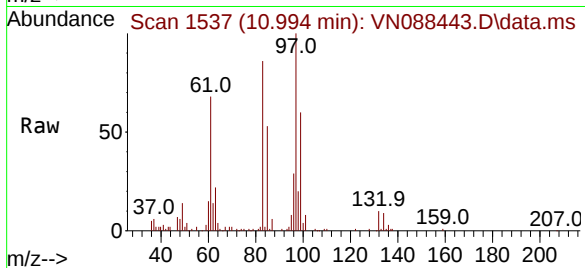




#55
1,1,2-Trichloroethane
Concen: 19.876 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

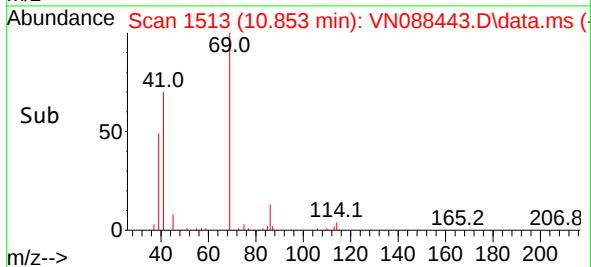
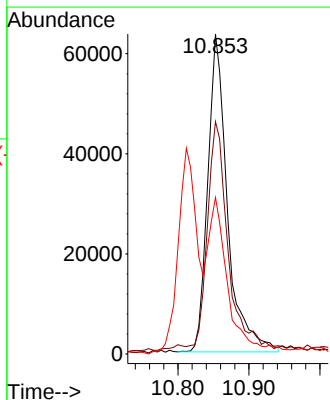
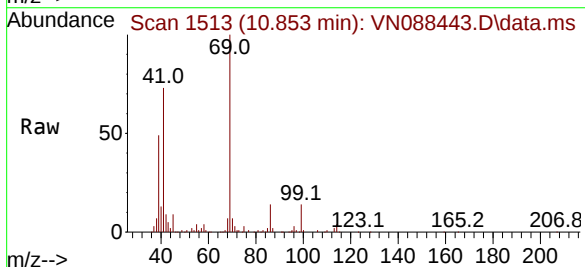
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

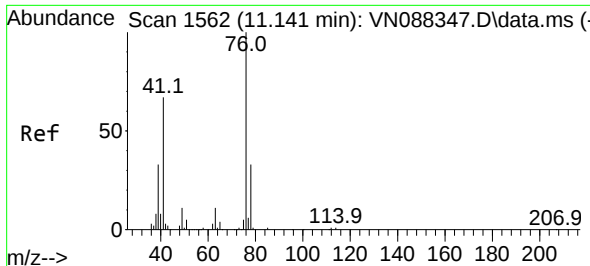
Tgt Ion:	97	Resp:	77993
Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.4	105.6
85	52.6	45.4	68.2
99	59.5	50.1	75.1



#56
Ethyl methacrylate
Concen: 19.761 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion:	69	Resp:	122489
Ion	Ratio	Lower	Upper
69	100		
41	74.1	59.6	89.4
39	45.9	36.4	54.6





#57

1,3-Dichloropropane

Concen: 19.940 ug/l

RT: 11.141 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088443.D

Acq: 04 Dec 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

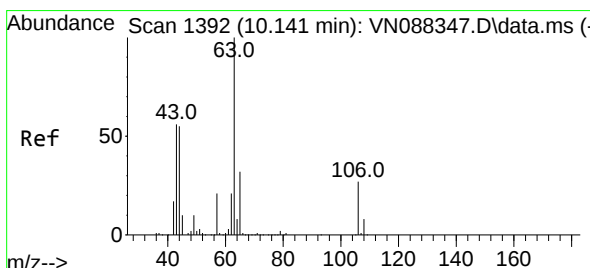
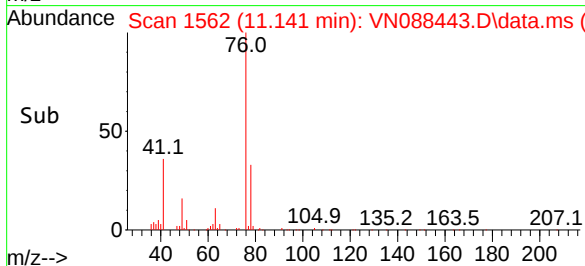
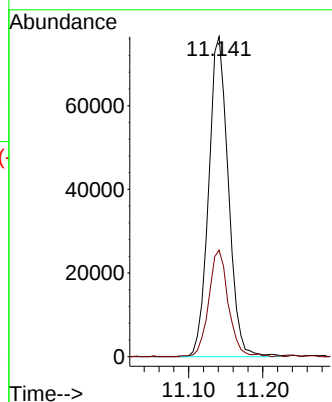
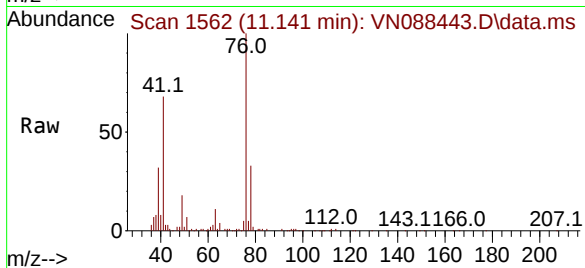
VN1204WBS01

Tgt Ion: 76 Resp: 141160

Ion Ratio Lower Upper

76 100

78 33.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 88.556 ug/l

RT: 10.135 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VN088443.D

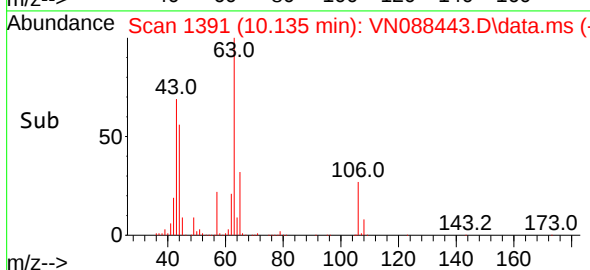
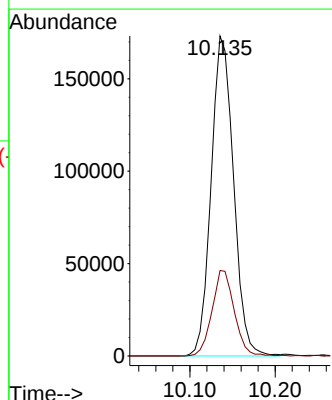
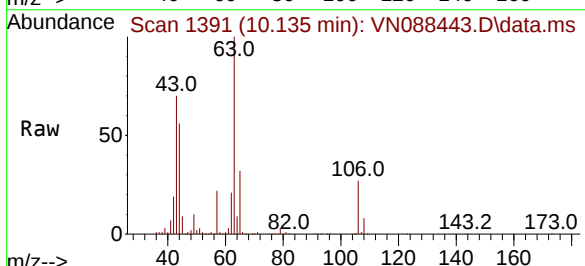
Acq: 04 Dec 2025 14:12

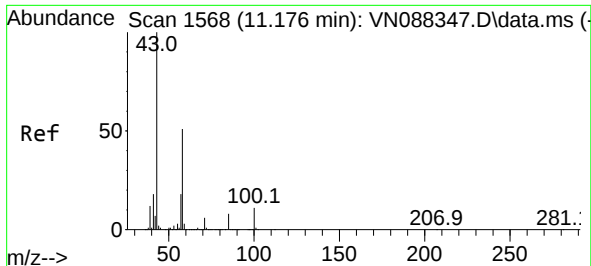
Tgt Ion: 63 Resp: 316457

Ion Ratio Lower Upper

63 100

106 26.5 20.5 30.7

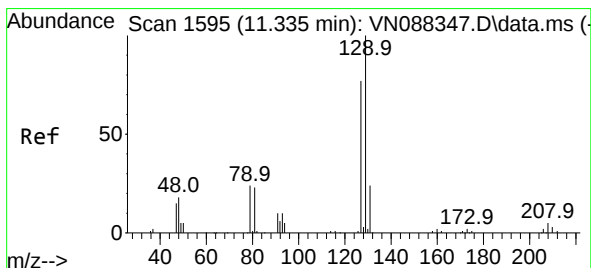
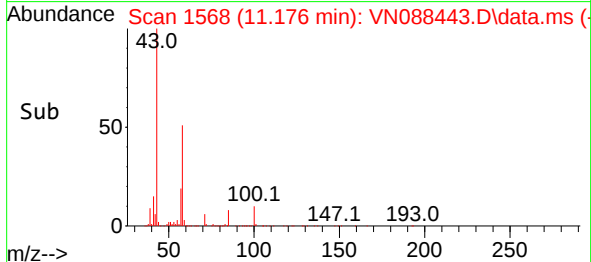
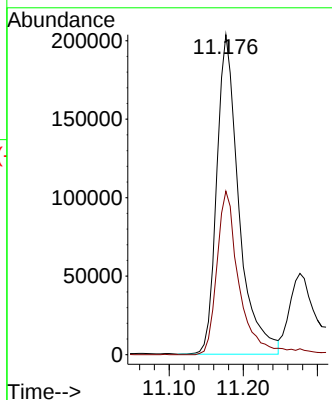
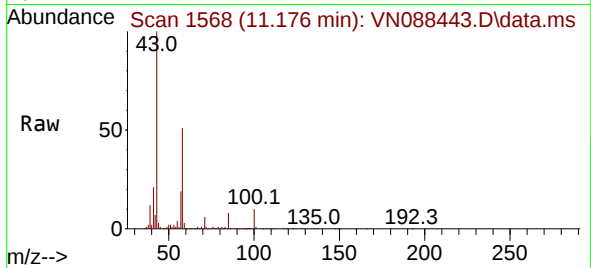




#59
2-Hexanone
Concen: 94.573 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

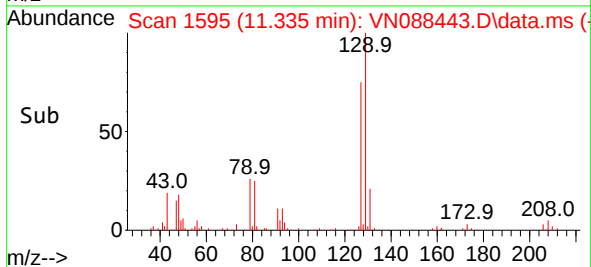
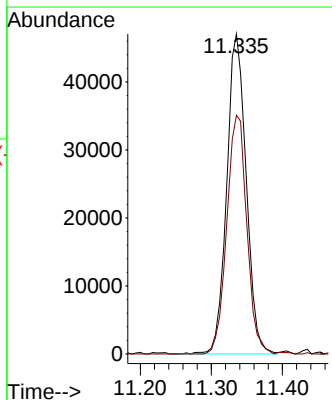
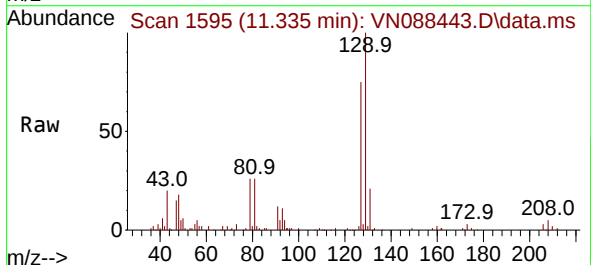
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

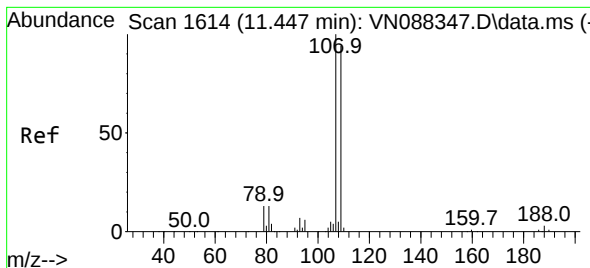
Tgt Ion: 43 Resp: 422202
Ion Ratio Lower Upper
43 100
58 51.3 25.3 75.9



#60
Dibromochloromethane
Concen: 19.980 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 129 Resp: 89380
Ion Ratio Lower Upper
129 100
127 76.8 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.817 ug/l

RT: 11.447 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088443.D

Acq: 04 Dec 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

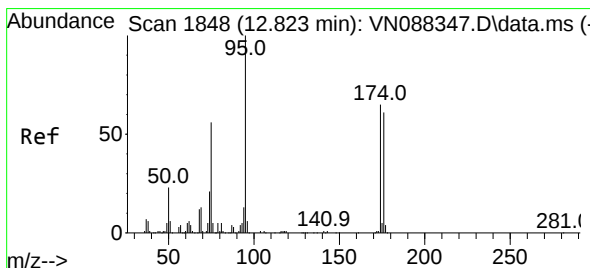
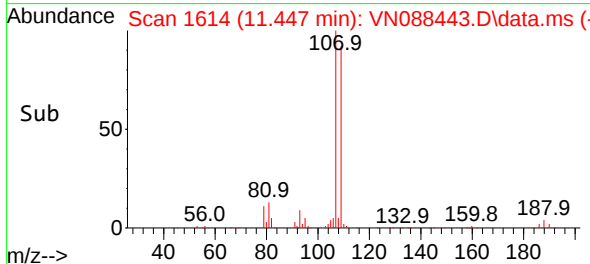
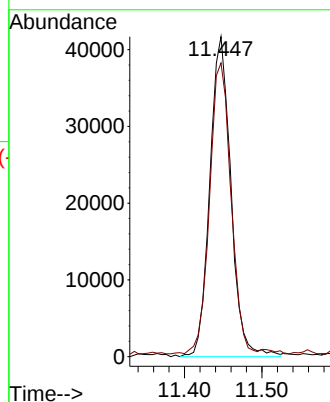
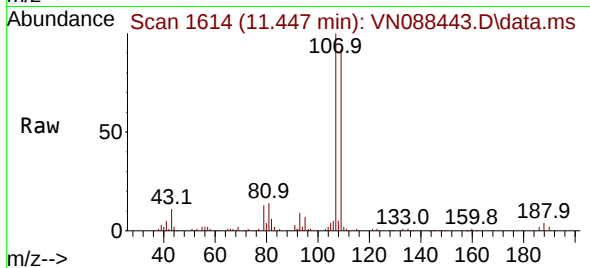
VN1204WBS01

Tgt Ion:107 Resp: 78746

Ion Ratio Lower Upper

107 100

109 91.7 74.6 112.0



#62

4-Bromofluorobenzene

Concen: 54.369 ug/l

RT: 12.823 min Scan# 1848

Delta R.T. 0.000 min

Lab File: VN088443.D

Acq: 04 Dec 2025 14:12

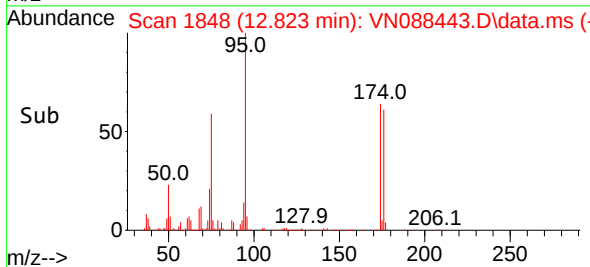
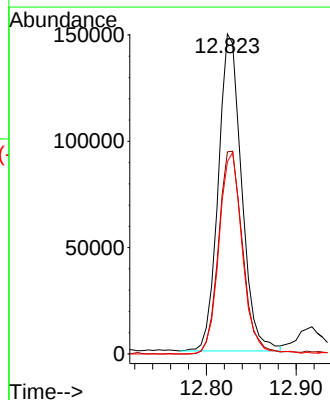
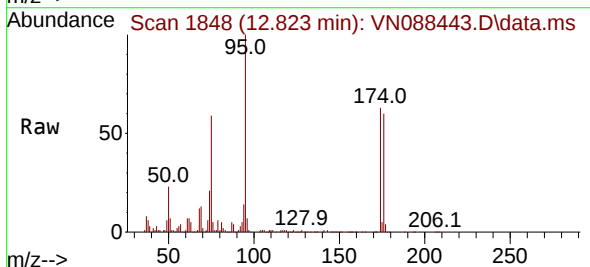
Tgt Ion: 95 Resp: 269159

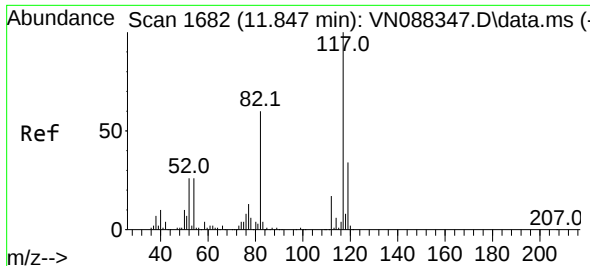
Ion Ratio Lower Upper

95 100

174 66.1 0.0 139.0

176 63.6 0.0 132.4

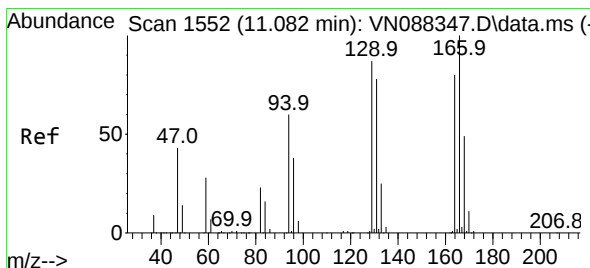
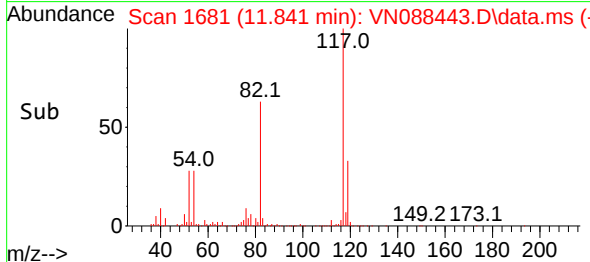
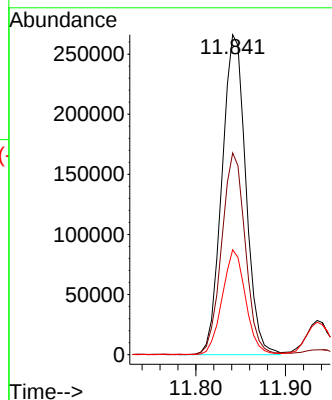
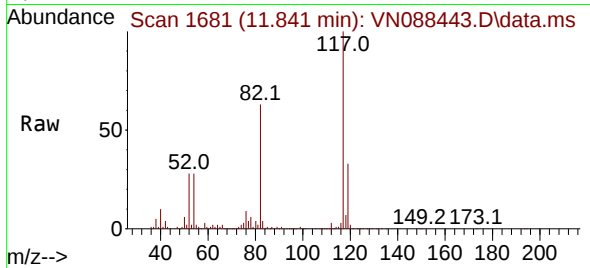




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

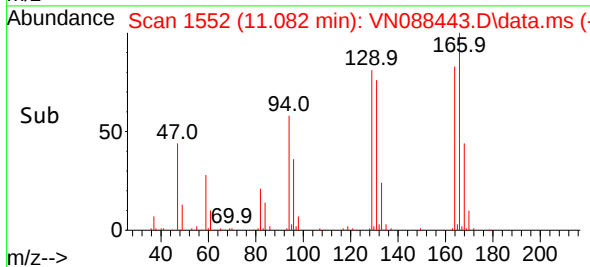
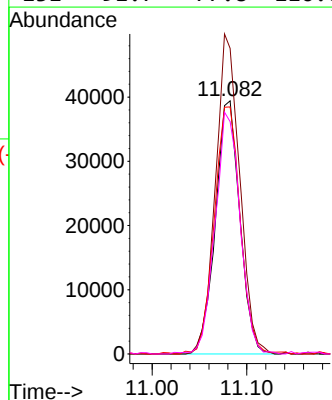
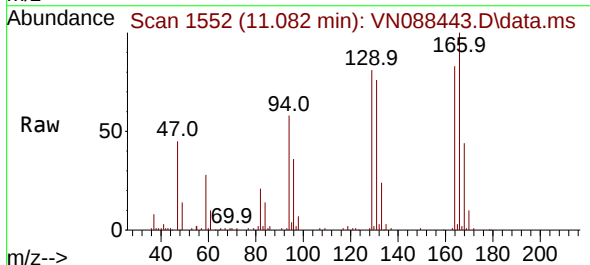
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

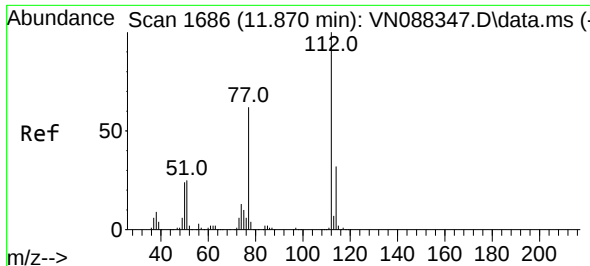
Tgt Ion:117 Resp: 491842
Ion Ratio Lower Upper
117 100
82 62.9 47.8 71.8
119 32.7 26.9 40.3



#64
Tetrachloroethene
Concen: 18.074 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion:164 Resp: 70474
Ion Ratio Lower Upper
164 100
166 120.7 99.6 149.4
129 97.6 86.6 129.8
131 91.7 77.8 116.6

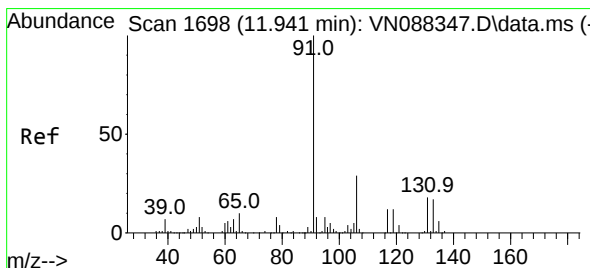
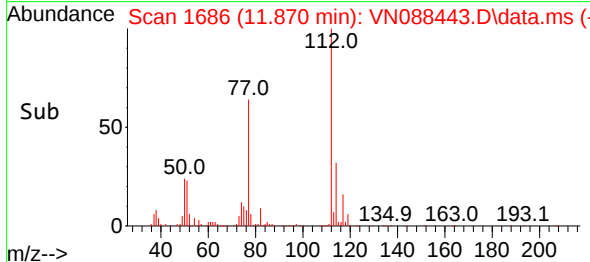
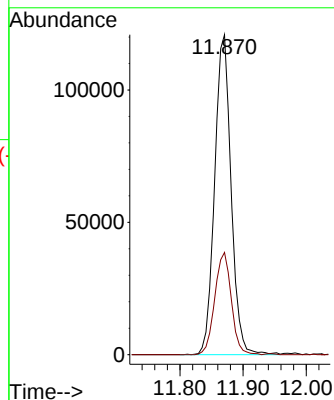
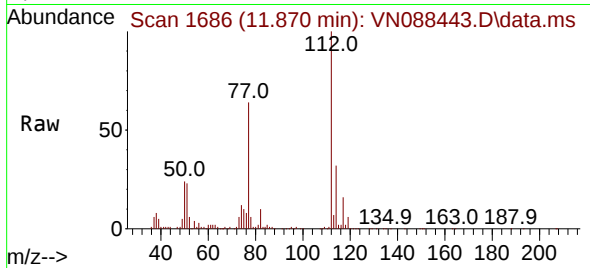




#65
Chlorobenzene
Concen: 19.774 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

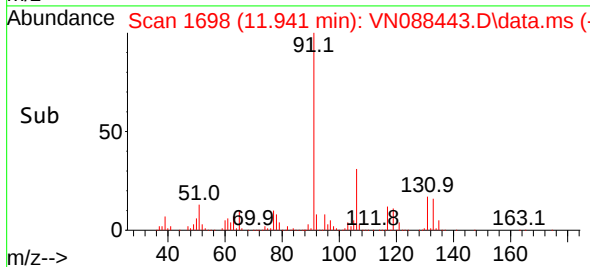
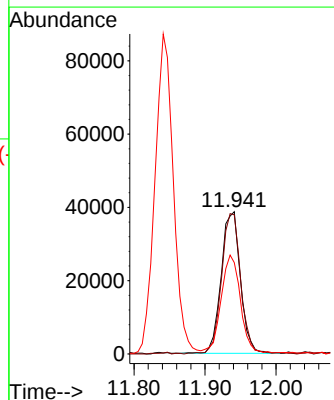
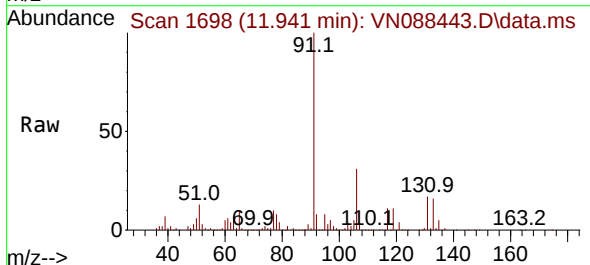
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

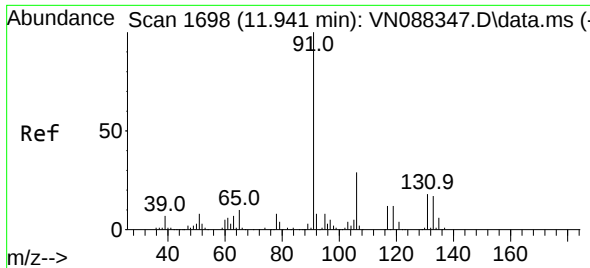
Tgt Ion:112 Resp: 218454
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.426 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion:131 Resp: 72384
Ion Ratio Lower Upper
131 100
133 99.9 47.4 142.2
119 69.1 33.4 100.1

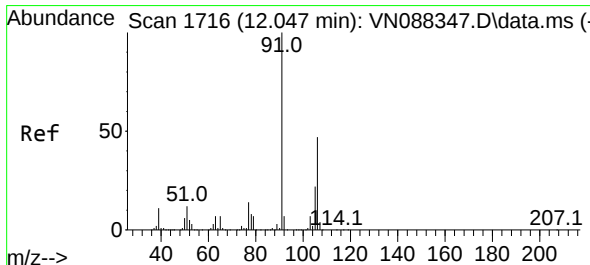
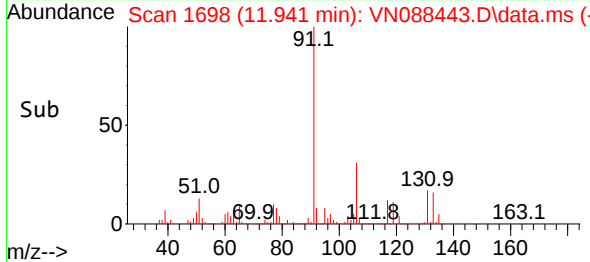
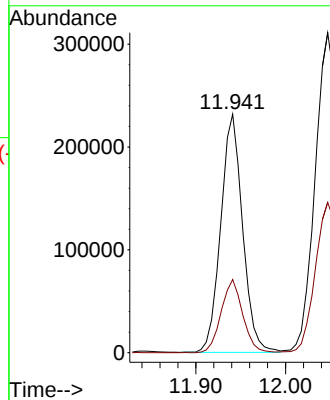
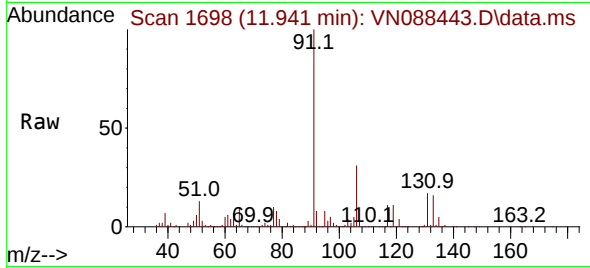




#67
Ethyl Benzene
Concen: 20.247 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

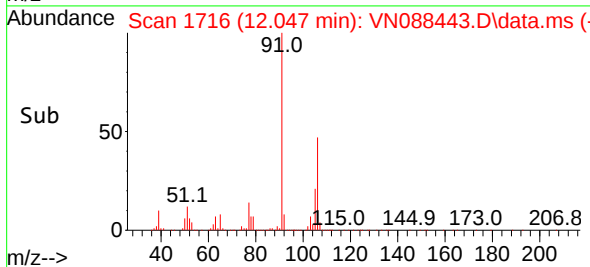
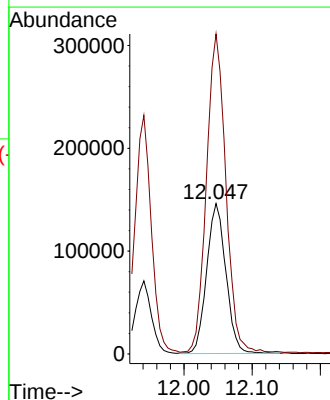
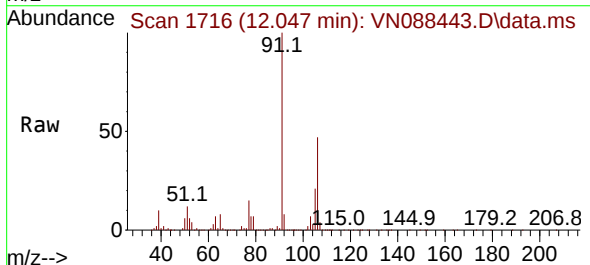
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

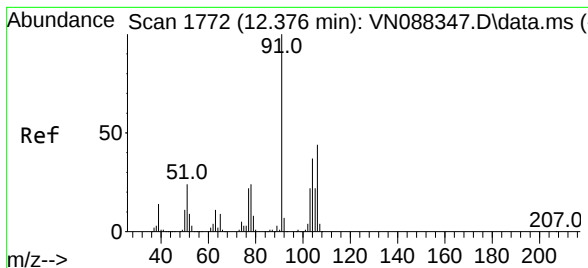
Tgt Ion: 91 Resp: 390956
Ion Ratio Lower Upper
91 100
106 30.7 23.6 35.4



#68
m/p-Xylenes
Concen: 39.966 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion:106 Resp: 286124
Ion Ratio Lower Upper
106 100
91 215.5 167.8 251.6

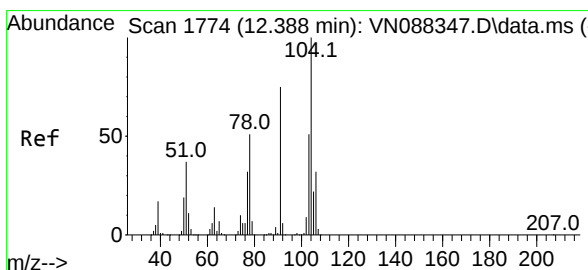
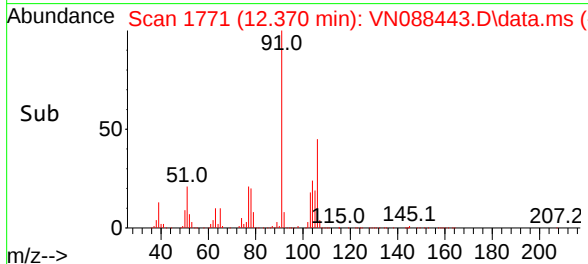
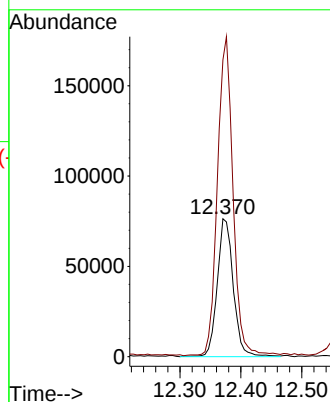
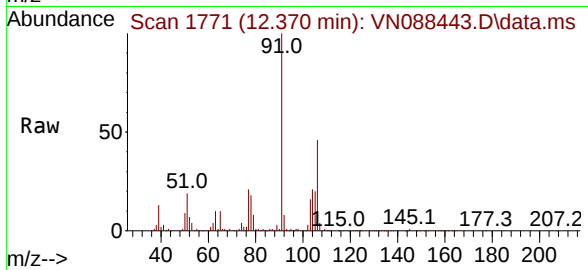




#69
o-Xylene
Concen: 20.487 ug/l
RT: 12.370 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

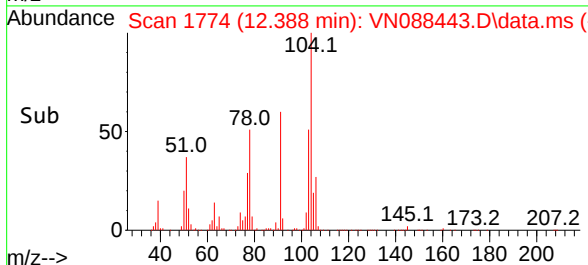
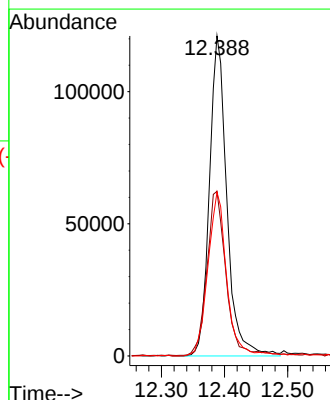
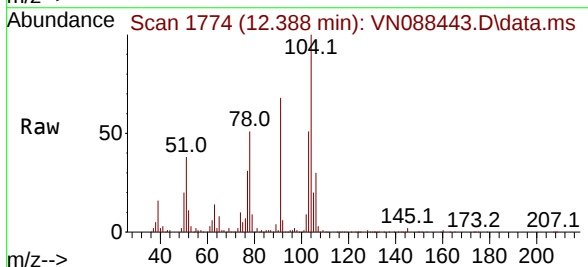
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

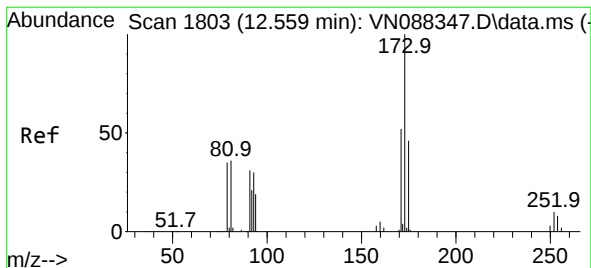
Tgt Ion:106 Resp: 139831
Ion Ratio Lower Upper
106 100
91 223.8 112.9 338.7



#70
Styrene
Concen: 20.957 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion:104 Resp: 232254
Ion Ratio Lower Upper
104 100
78 56.2 44.3 66.5
103 55.4 44.2 66.4





#71

Bromoform

Concen: 20.471 ug/l

RT: 12.553 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VN088443.D

Acq: 04 Dec 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBS01

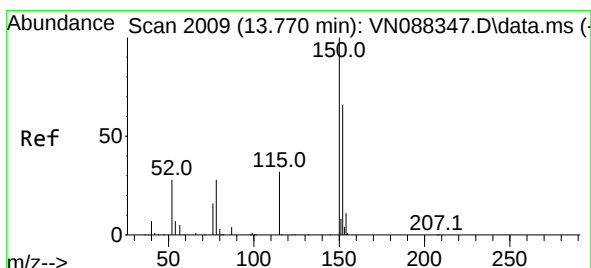
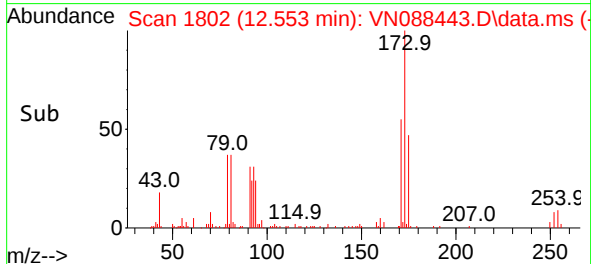
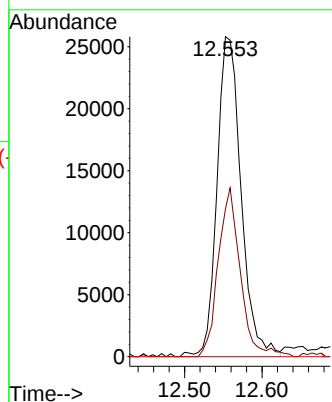
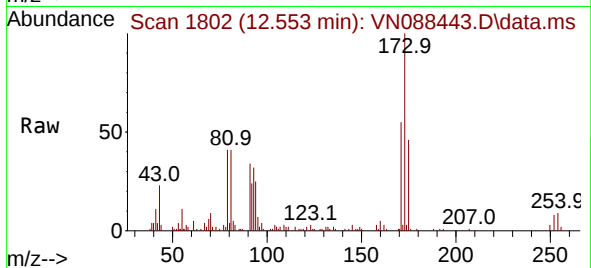
Tgt Ion:173 Resp: 55870

Ion Ratio Lower Upper

173 100

175 48.4 23.9 71.8

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN088443.D

Acq: 04 Dec 2025 14:12

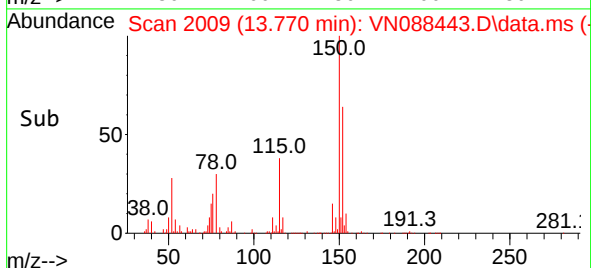
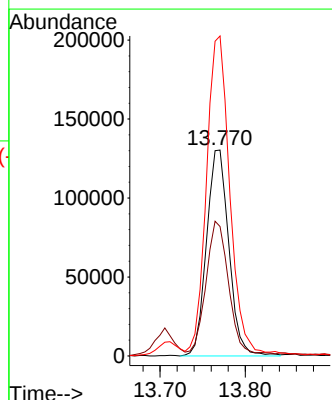
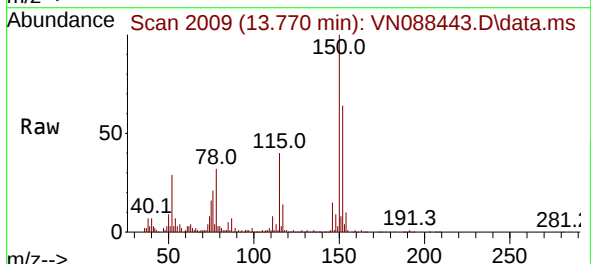
Tgt Ion:152 Resp: 237731

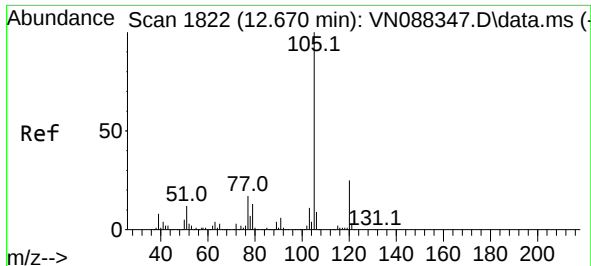
Ion Ratio Lower Upper

152 100

115 65.0 33.0 98.9

150 162.3 0.0 349.0

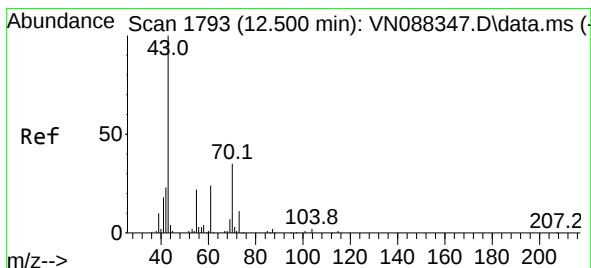
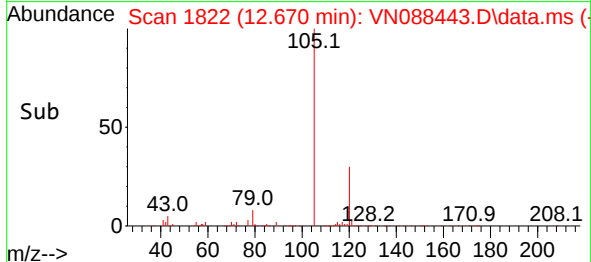
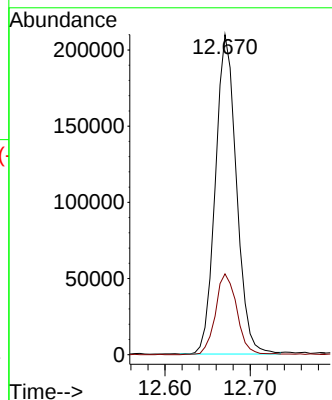
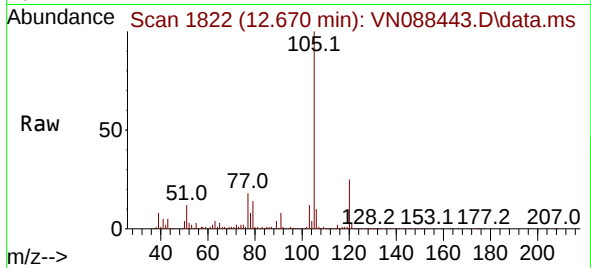




#73
Isopropylbenzene
Concen: 20.502 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

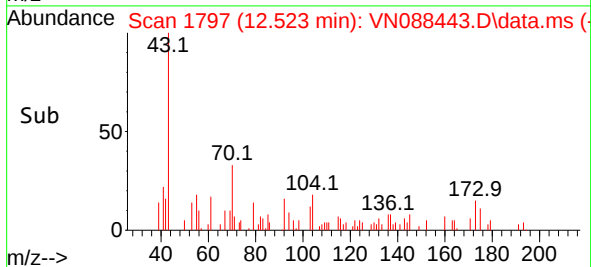
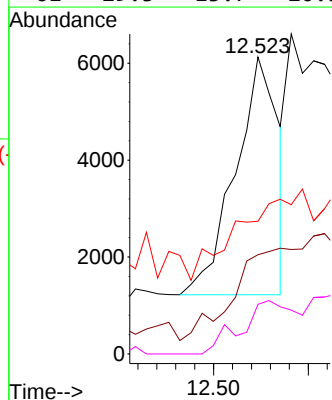
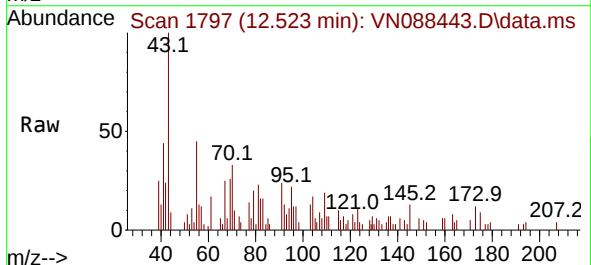
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

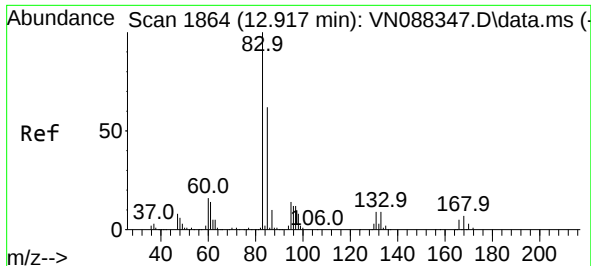
Tgt Ion:105 Resp: 360370
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.3



#74
N-ethyl acetate
Concen: 1.288 ug/l
RT: 12.523 min Scan# 1797
Delta R.T. 0.024 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 43 Resp: 7713
Ion Ratio Lower Upper
43 100
70 0.0 28.3 42.5#
55 0.0 17.7 26.5#
61 29.3 13.7 20.5#

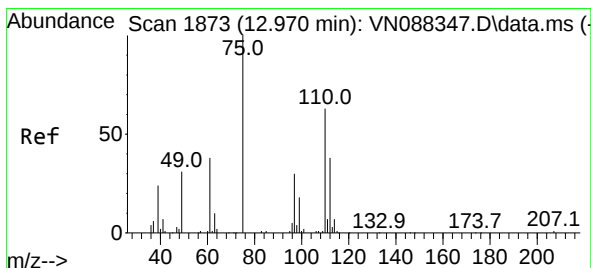
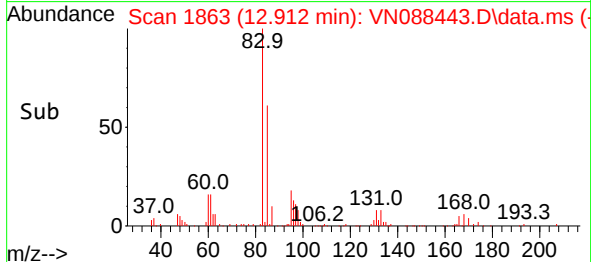
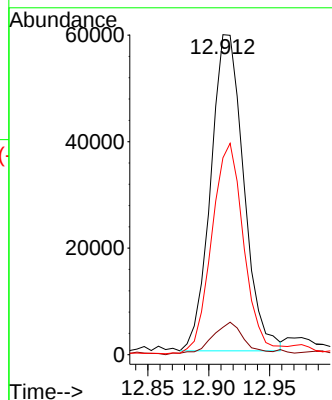
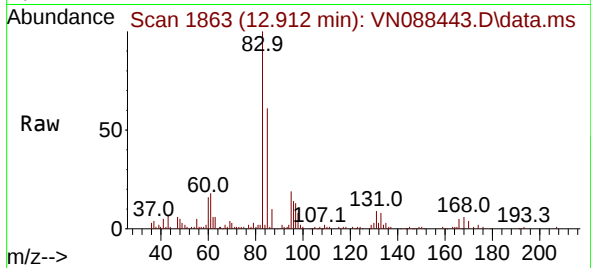




#75
1,1,2,2-Tetrachloroethane
Concen: 19.731 ug/l
RT: 12.912 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

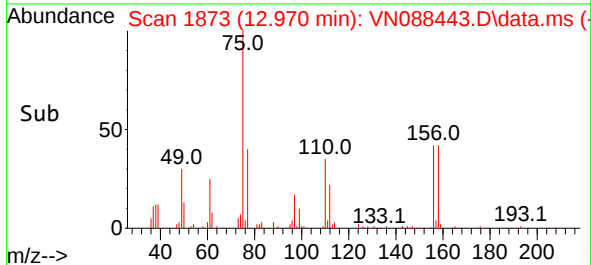
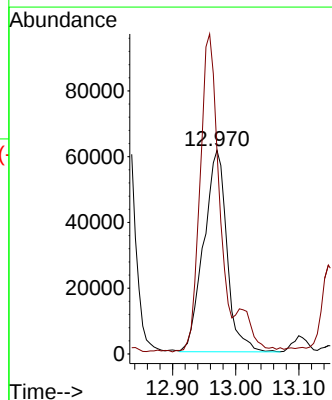
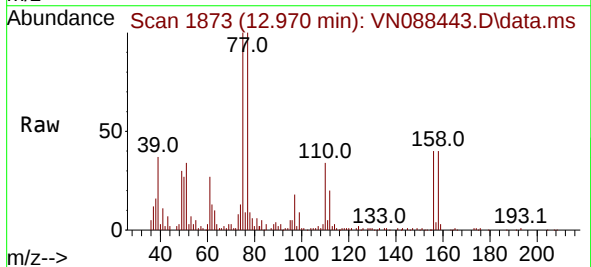
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

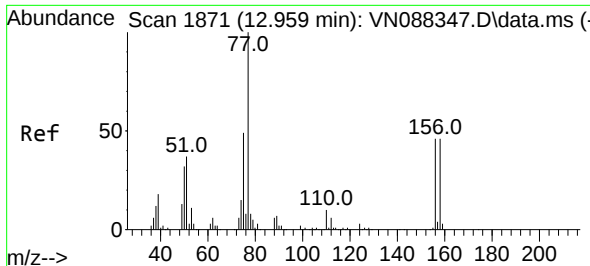
Tgt Ion: 83 Resp: 112119
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.4
85 65.1 32.1 96.5



#76
1,2,3-Trichloropropane
Concen: 28.058 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 75 Resp: 156231
Ion Ratio Lower Upper
75 100
77 127.3 87.2 261.6

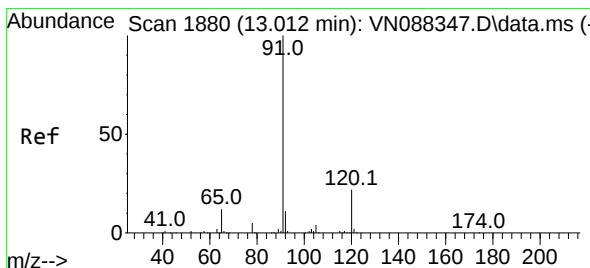
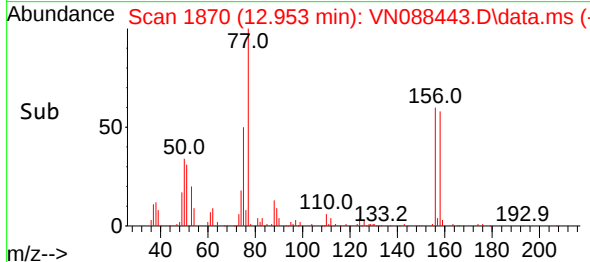
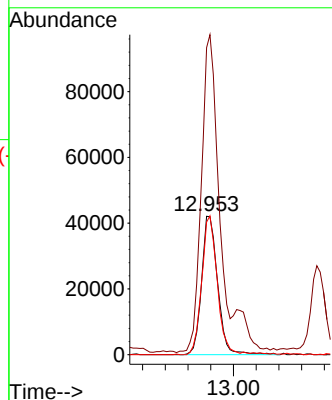
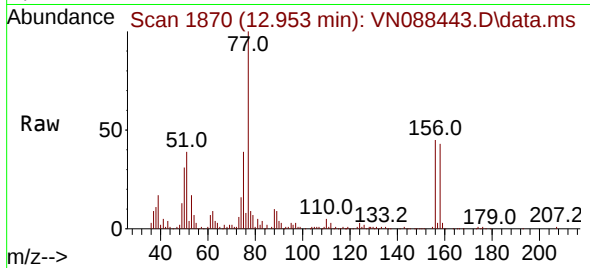




#77
Bromobenzene
Concen: 20.483 ug/l
RT: 12.953 min Scan# 1870
Delta R.T. -0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

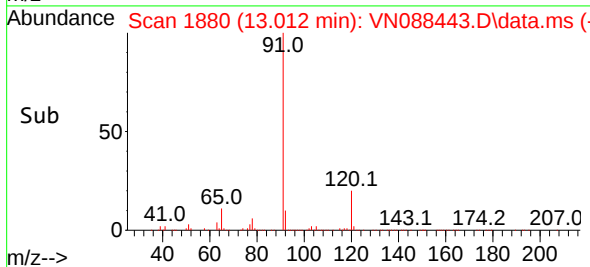
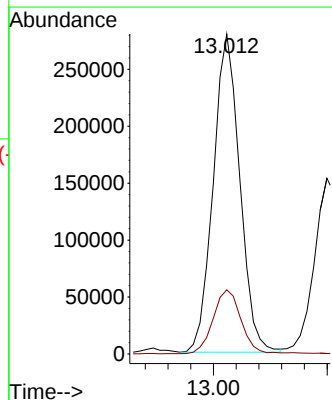
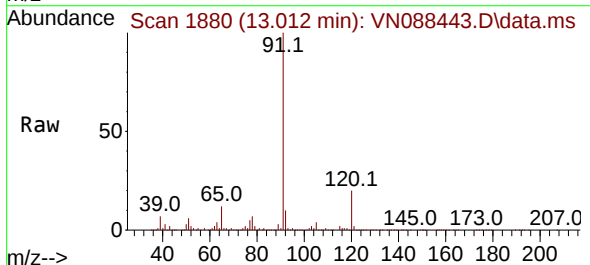
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

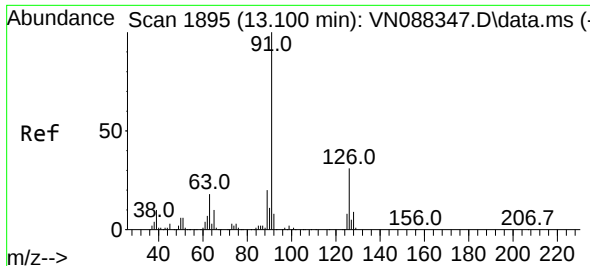
Tgt Ion:156 Resp: 82378
Ion Ratio Lower Upper
156 100
77 241.5 121.6 364.7
158 96.1 48.6 145.8



#78
n-propylbenzene
Concen: 21.062 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 91 Resp: 452912
Ion Ratio Lower Upper
91 100
120 21.4 10.9 32.6

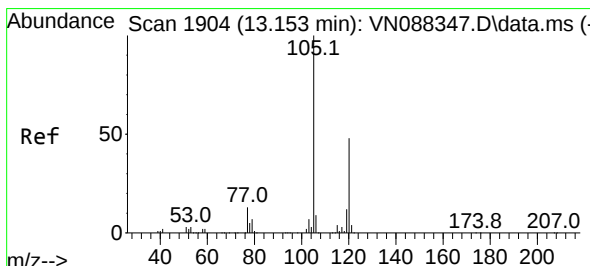
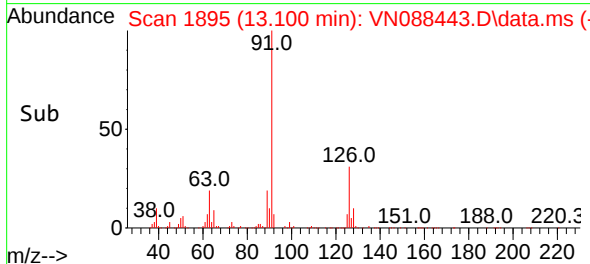
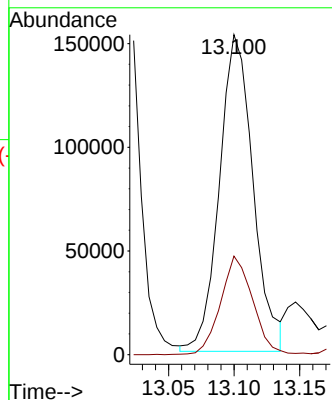
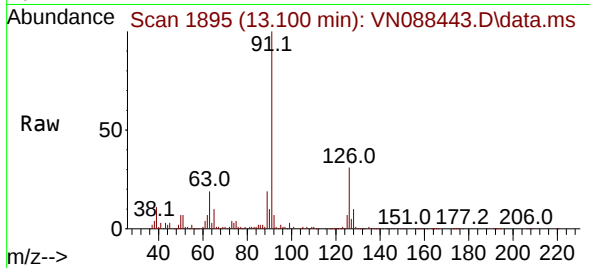




#79
2-Chlorotoluene
Concen: 20.792 ug/l
RT: 13.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

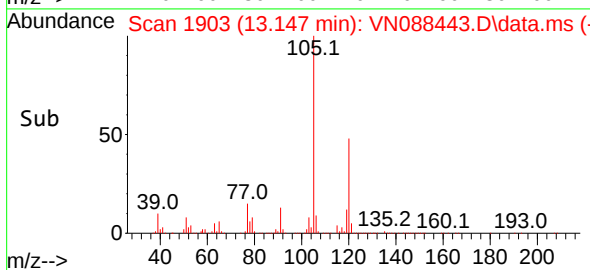
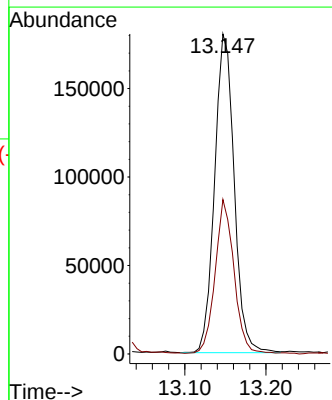
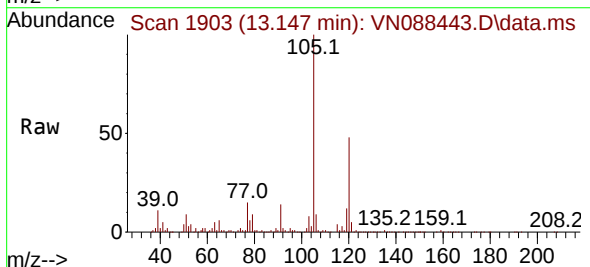
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

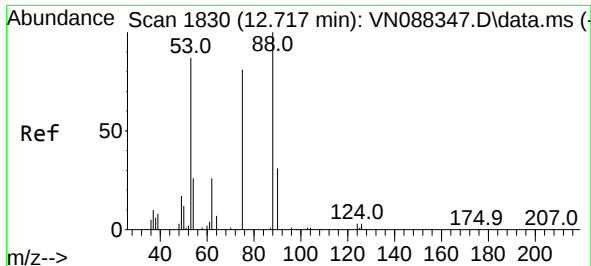
Tgt Ion: 91 Resp: 273041
Ion Ratio Lower Upper
91 100
126 29.7 15.3 45.9



#80
1,3,5-Trimethylbenzene
Concen: 20.723 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 105 Resp: 301838
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.5

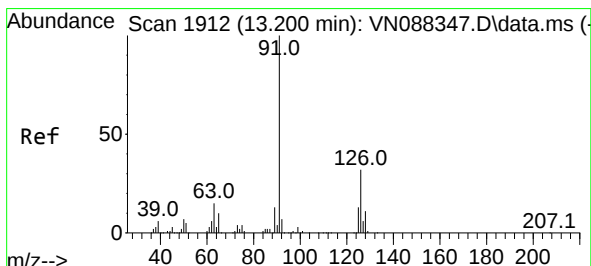
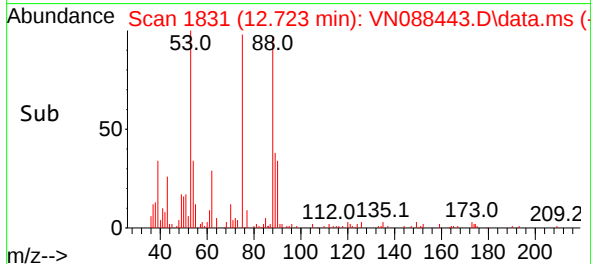
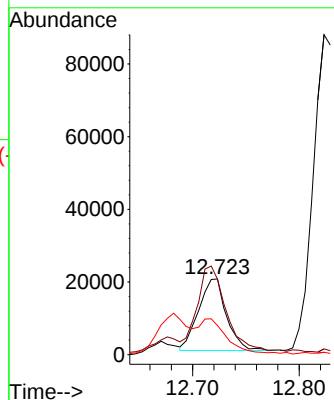
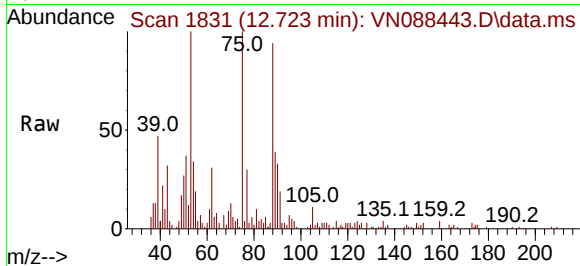




#81
trans-1,4-Dichloro-2-butene
Concen: 18.212 ug/l
RT: 12.723 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

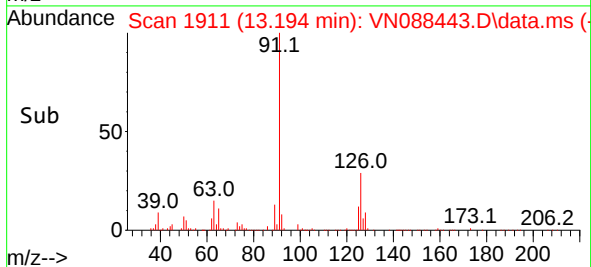
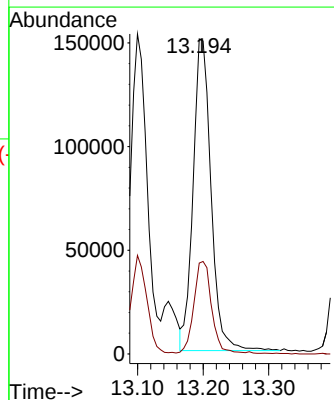
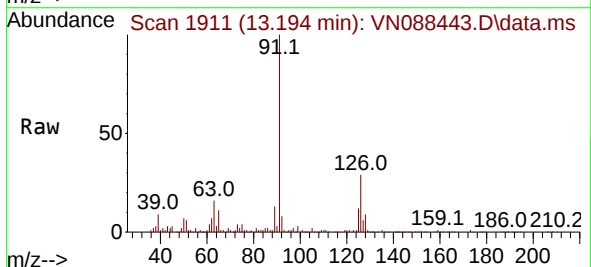
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

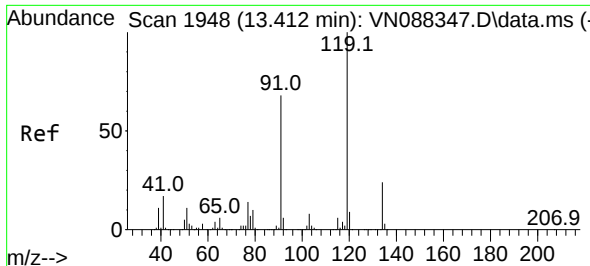
Tgt Ion: 75 Resp: 35744
Ion Ratio Lower Upper
75 100
53 125.5 92.2 138.4
89 51.0 0.0 0.0#



#82
4-Chlorotoluene
Concen: 21.930 ug/l
RT: 13.194 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 91 Resp: 286032
Ion Ratio Lower Upper
91 100
126 29.5 15.6 46.7

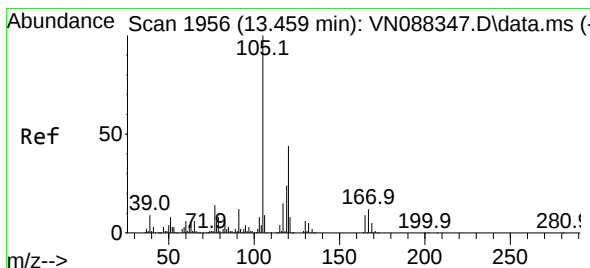
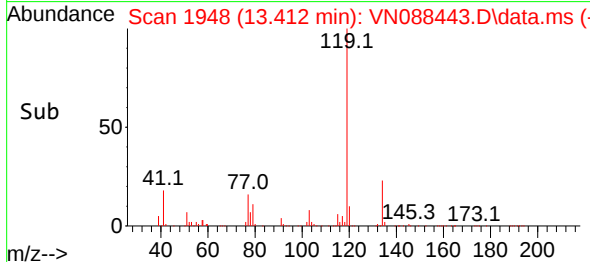
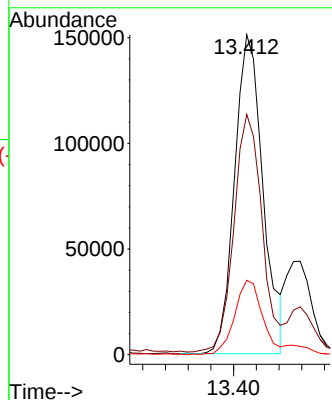
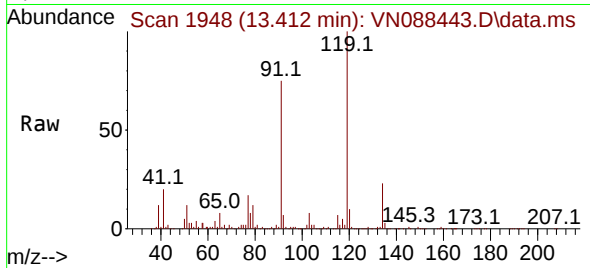




#83
 tert-Butylbenzene
 Concen: 21.141 ug/l
 RT: 13.412 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VN088443.D
 Acq: 04 Dec 2025 14:12

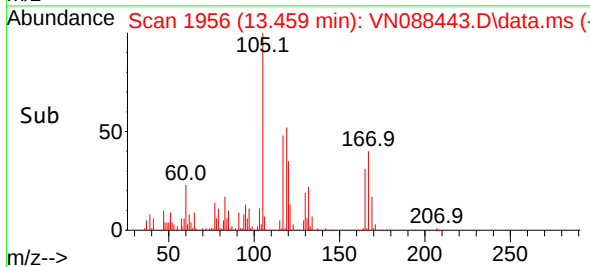
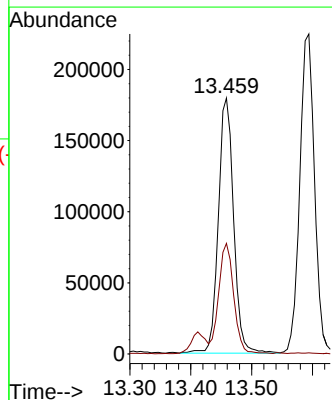
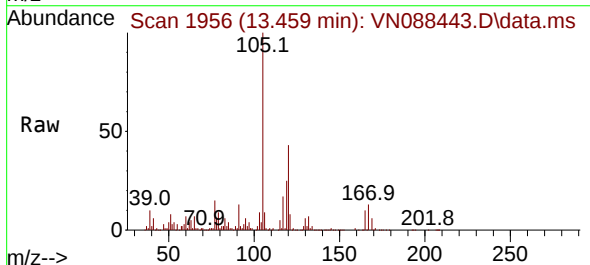
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBS01

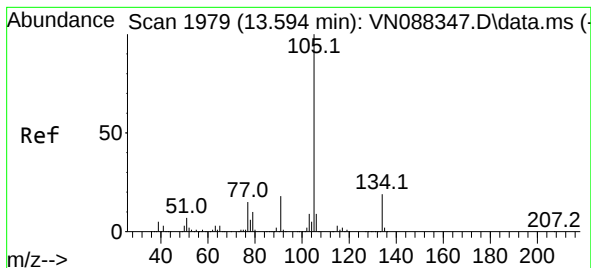
Tgt Ion:119 Resp: 261764
 Ion Ratio Lower Upper
 119 100
 91 73.3 35.1 105.3
 134 25.4 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.606 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN088443.D
 Acq: 04 Dec 2025 14:12

Tgt Ion:105 Resp: 312793
 Ion Ratio Lower Upper
 105 100
 120 42.3 22.1 66.1





#85

sec-Butylbenzene

Concen: 21.117 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN088443.D

Acq: 04 Dec 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

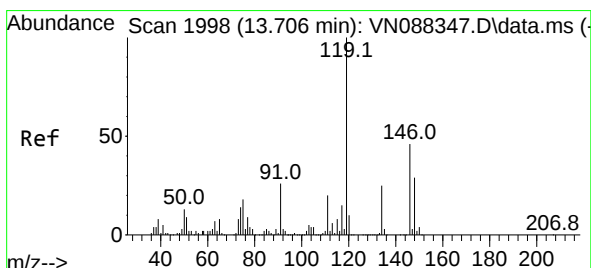
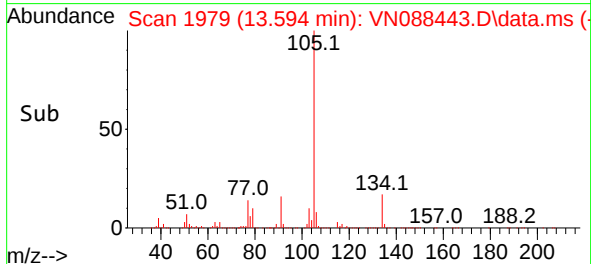
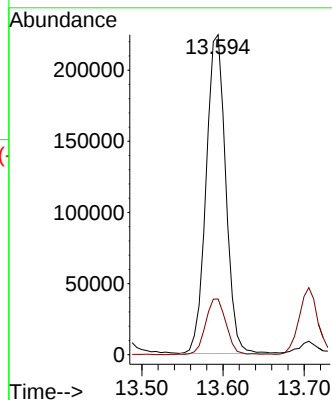
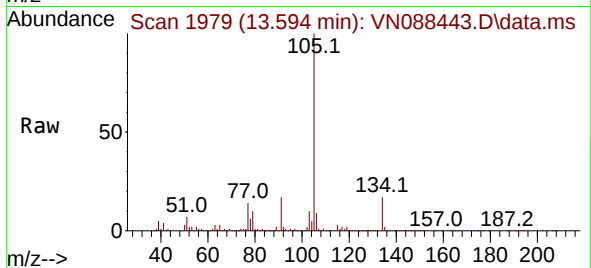
VN1204WBS01

Tgt Ion:105 Resp: 375613

Ion Ratio Lower Upper

105 100

134 18.6 9.5 28.5



#86

p-Isopropyltoluene

Concen: 20.981 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088443.D

Acq: 04 Dec 2025 14:12

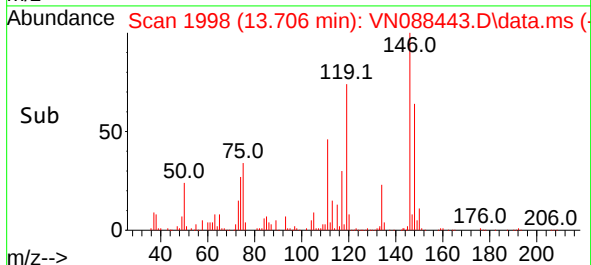
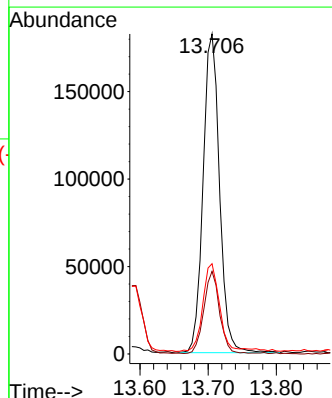
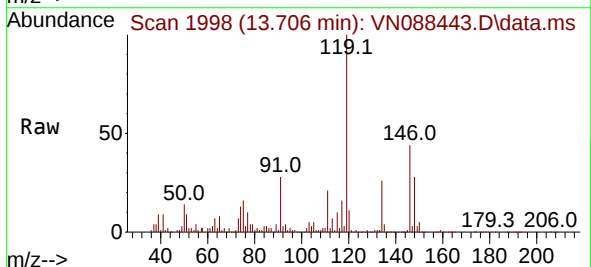
Tgt Ion:119 Resp: 306028

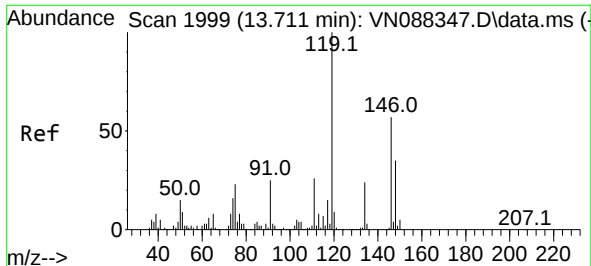
Ion Ratio Lower Upper

119 100

134 24.6 12.2 36.6

91 28.6 13.0 39.0

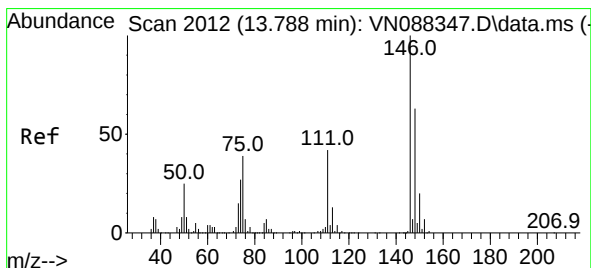
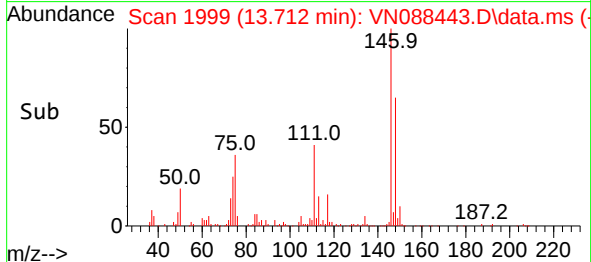
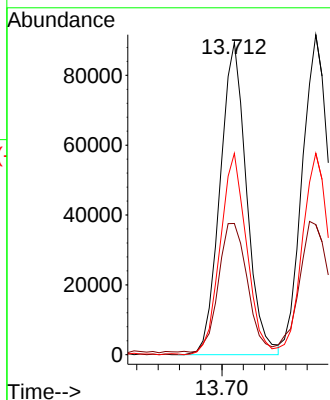
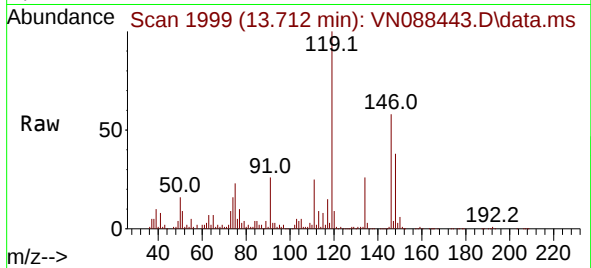




#87
 1,3-Dichlorobenzene
 Concen: 19.748 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN088443.D
 Acq: 04 Dec 2025 14:12

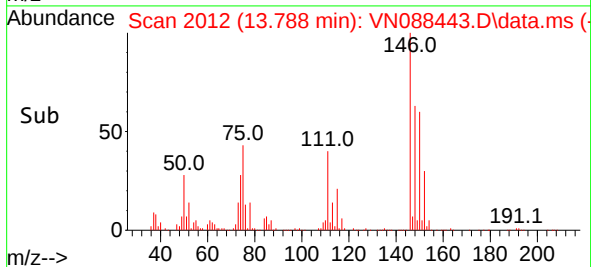
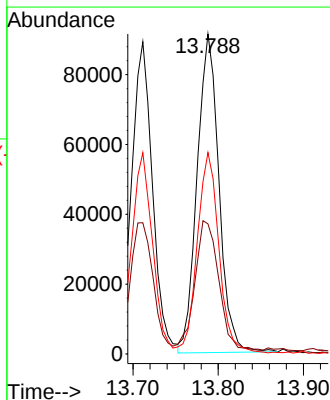
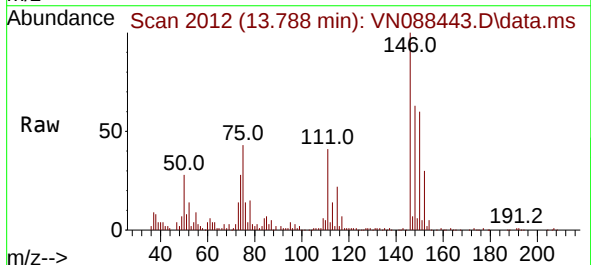
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBS01

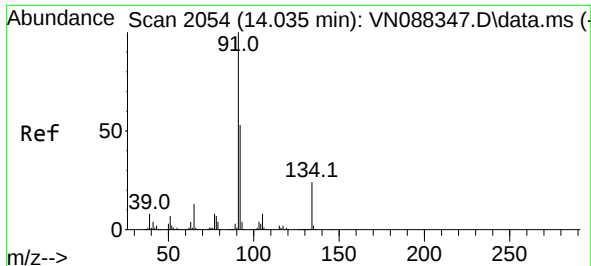
Tgt Ion:146 Resp: 154606
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.4 67.0
 148 64.1 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 19.800 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN088443.D
 Acq: 04 Dec 2025 14:12

Tgt Ion:146 Resp: 162379
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.6 64.6
 148 62.7 31.0 93.0

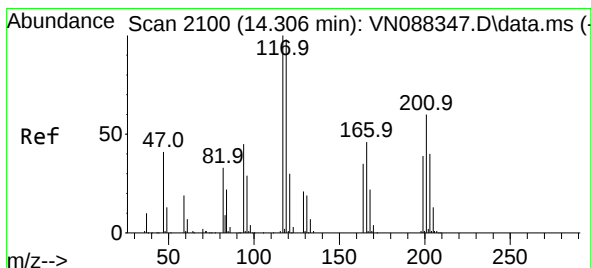
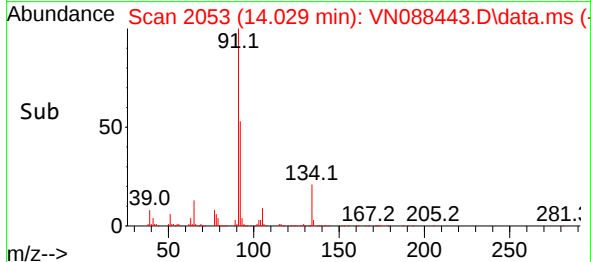
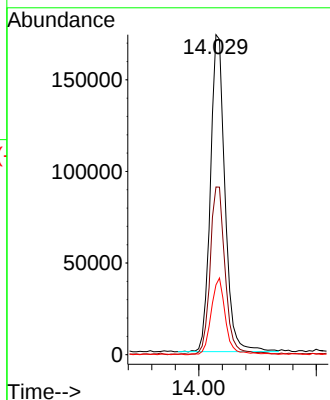
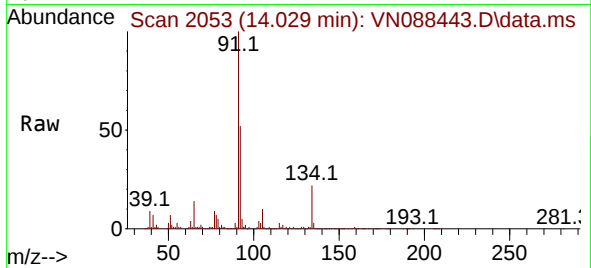




#89
n-Butylbenzene
Concen: 21.005 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

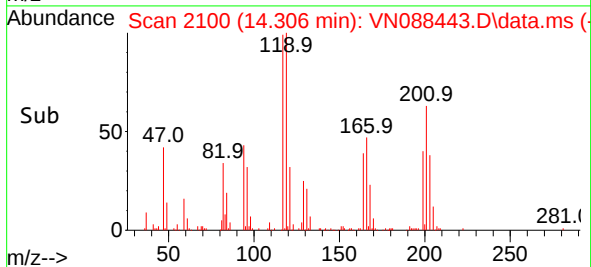
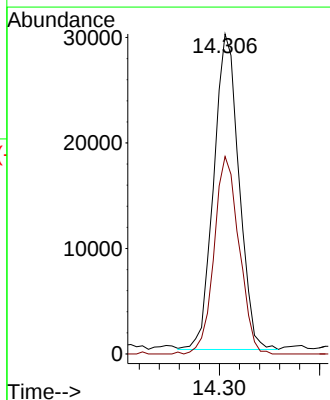
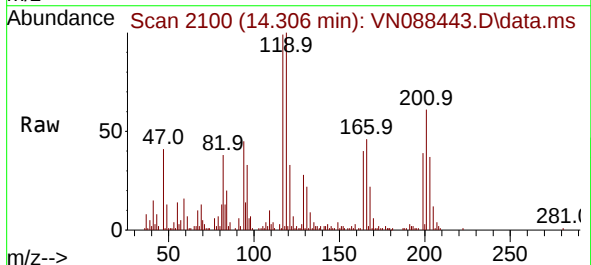
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

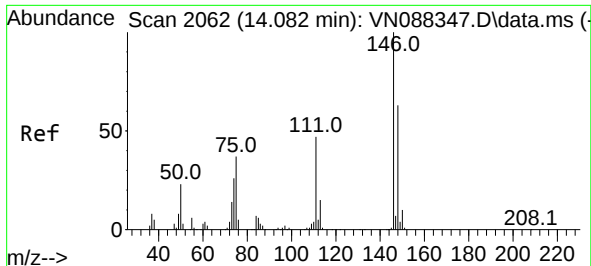
Tgt Ion: 91 Resp: 297476
Ion Ratio Lower Upper
91 100
92 53.8 26.1 78.3
134 24.1 11.7 35.1



#90
Hexachloroethane
Concen: 19.610 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 117 Resp: 52252
Ion Ratio Lower Upper
117 100
201 62.0 30.3 90.9

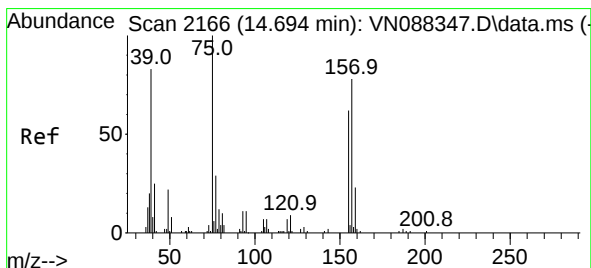
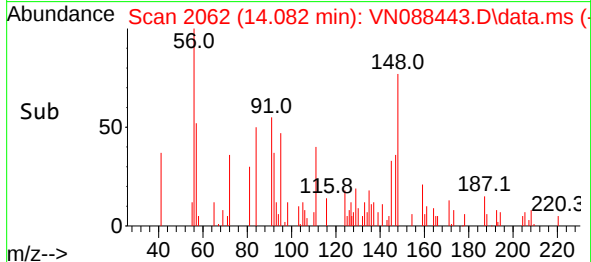
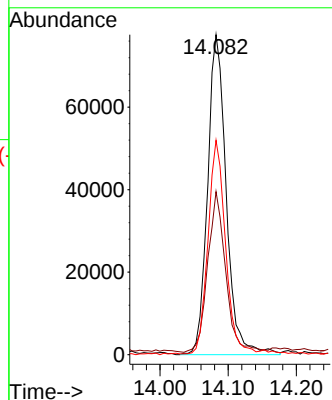
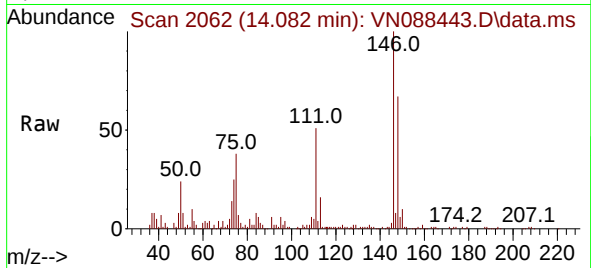




#91
1,2-Dichlorobenzene
Concen: 20.071 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

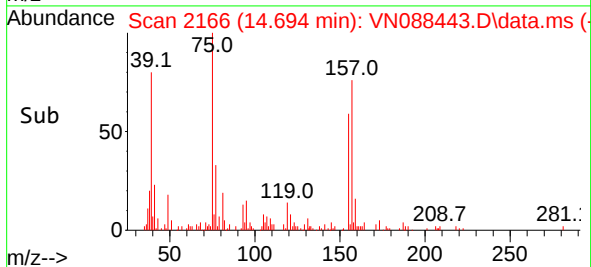
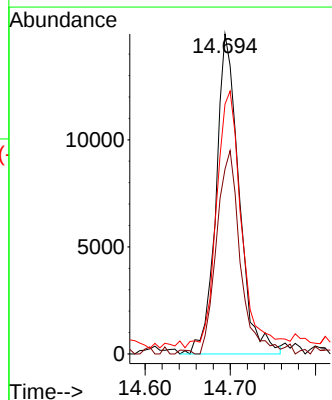
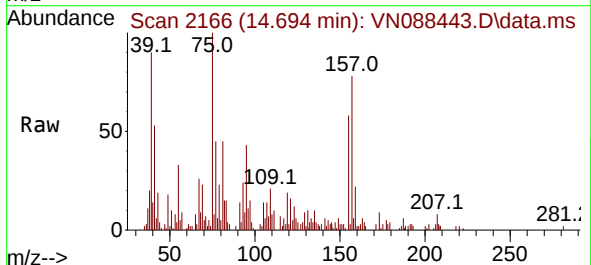
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

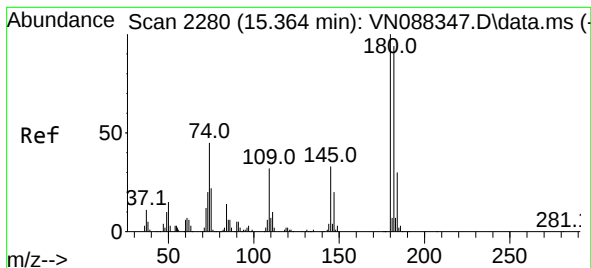
Tgt Ion:146 Resp: 147868
Ion Ratio Lower Upper
146 100
111 48.3 23.3 69.9
148 62.3 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.408 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion: 75 Resp: 28137
Ion Ratio Lower Upper
75 100
155 66.2 33.7 101.1
157 86.3 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 19.174 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN088443.D

Acq: 04 Dec 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBS01

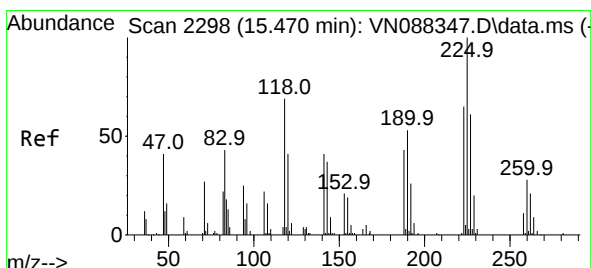
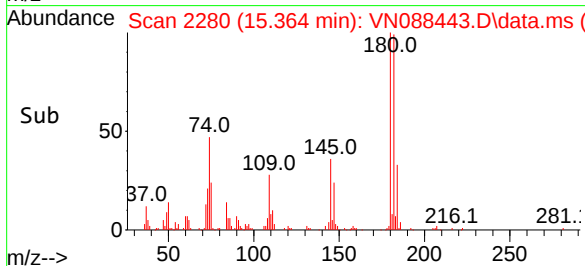
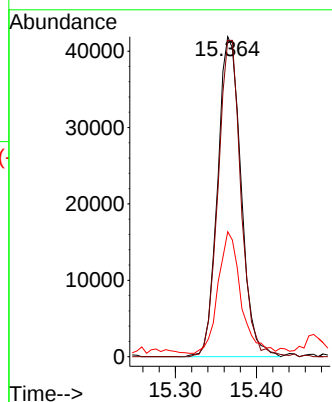
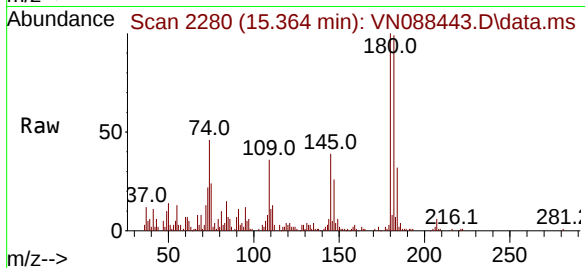
Tgt Ion:180 Resp: 83932

Ion Ratio Lower Upper

180 100

182 97.0 46.1 138.2

145 36.9 16.7 50.1



#94

Hexachlorobutadiene

Concen: 18.126 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN088443.D

Acq: 04 Dec 2025 14:12

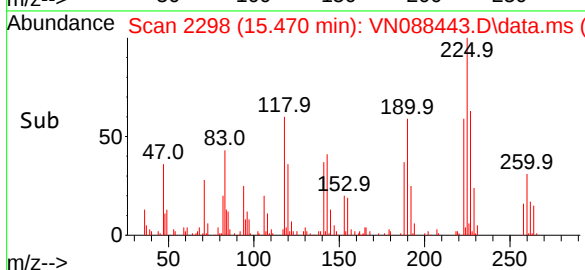
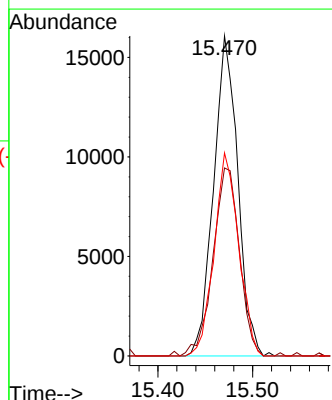
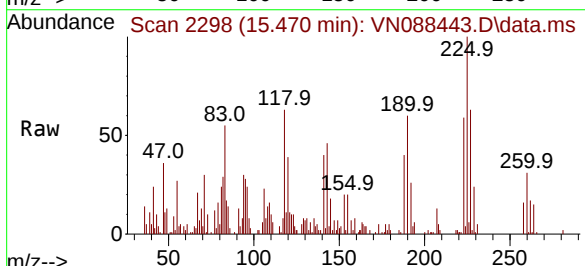
Tgt Ion:225 Resp: 28512

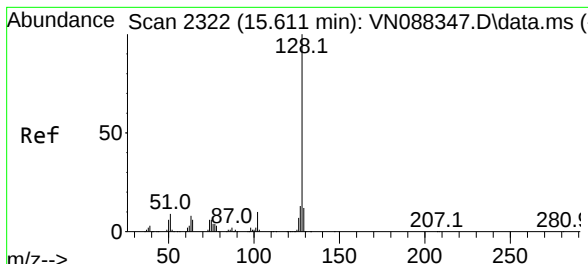
Ion Ratio Lower Upper

225 100

223 64.2 32.3 96.8

227 64.2 29.9 89.8

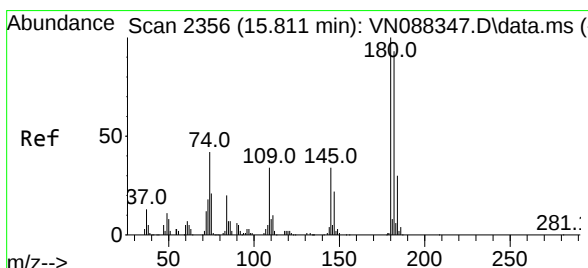
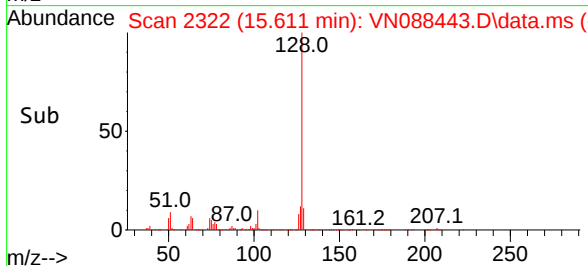
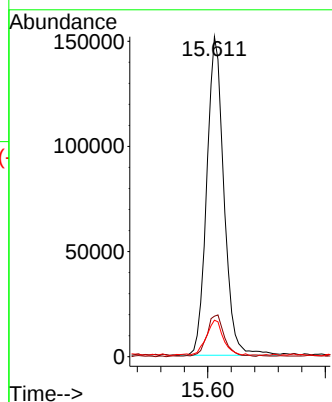
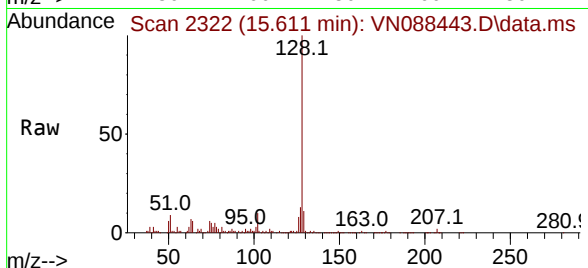




#95
Naphthalene
Concen: 20.271 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

Tgt Ion:128 Resp: 307489
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.2 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 19.543 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088443.D
Acq: 04 Dec 2025 14:12

Tgt Ion:180 Resp: 83257
Ion Ratio Lower Upper
180 100
182 91.4 45.9 137.7
145 36.5 17.8 53.4

