

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
 Data File : VN088079.D
 Acq On : 23 Oct 2025 10:38
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 24 02:51:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 24 02:50:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	296128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	570271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	502295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	241248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	27065	5.285	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.580%#		
35) Dibromofluoromethane	8.147	113	19551	5.103	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.200%#		
50) Toluene-d8	10.547	98	73162	4.956	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.920%#		
62) 4-Bromofluorobenzene	12.835	95	24787	4.755	ug/l	0.01
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.500%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	19109	5.721	ug/l	91
3) Chloromethane	2.383	50	20946	5.330	ug/l	100
4) Vinyl Chloride	2.536	62	23220	5.423	ug/l	96
5) Bromomethane	2.971	94	15617	6.098	ug/l #	80
6) Chloroethane	3.142	64	17800	5.770	ug/l #	84
7) Trichlorofluoromethane	3.506	101	39012	5.713	ug/l	98
8) Diethyl Ether	3.959	74	14837	5.846	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.377	101	18719	5.312	ug/l	94
10) Methyl Iodide	4.589	142	12726	7.564	ug/l	91
11) Tert butyl alcohol	5.524	59	24255	27.494	ug/l #	89
12) 1,1-Dichloroethene	4.342	96	20326	5.461	ug/l	88
13) Acrolein	4.171	56	29003	29.228	ug/l	93
14) Allyl chloride	5.012	41	34031	5.232	ug/l	99
15) Acrylonitrile	5.706	53	62612	26.056	ug/l	98
16) Acetone	4.430	43	65332	25.396	ug/l	99
17) Carbon Disulfide	4.706	76	60437	5.342	ug/l	97
18) Methyl Acetate	5.024	43	26935	5.114	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	73958	5.411	ug/l	97
20) Methylene Chloride	5.265	84	22926	6.410	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	21204	5.152	ug/l	86
22) Diisopropyl ether	6.665	45	72852	5.310	ug/l	100
23) Vinyl Acetate	6.588	43	331195	26.799	ug/l	100
24) 1,1-Dichloroethane	6.547	63	42391	5.578	ug/l	96
25) 2-Butanone	7.477	43	91150	27.166	ug/l	95
26) 2,2-Dichloropropane	7.477	77	36306	5.257	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	26415	5.616	ug/l	96
28) Bromochloromethane	7.794	49	19805	5.515	ug/l	96
29) Tetrahydrofuran	7.824	42	56989	25.793	ug/l	99
30) Chloroform	7.947	83	42443	5.590	ug/l	97
31) Cyclohexane	8.241	56	44056	6.146	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	36411	5.384	ug/l #	85
36) 1,1-Dichloropropene	8.353	75	29318	5.241	ug/l	96
37) Ethyl Acetate	7.547	43	37387	5.201	ug/l #	94
38) Carbon Tetrachloride	8.347	117	29915	5.178	ug/l	93
39) Methylcyclohexane	9.582	83	37009	5.147	ug/l	96
40) Benzene	8.588	78	89925	5.279	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	19516	5.137	ug/l	93
42) 1,2-Dichloroethane	8.653	62	32612	5.388	ug/l	99
43) Isopropyl Acetate	8.671	43	57498	5.184	ug/l	97
44) Trichloroethene	9.335	130	21346	5.361	ug/l	86
45) 1,2-Dichloropropane	9.594	63	23273	5.411	ug/l	95
46) Dibromomethane	9.682	93	17012	5.546	ug/l	95
47) Bromodichloromethane	9.865	83	32518	5.295	ug/l	91
48) Methyl methacrylate	9.665	41	24475	4.645	ug/l	92
49) 1,4-Dioxane	9.688	88	6763	106.179	ug/l #	95
51) 4-Methyl-2-Pentanone	10.424	43	170979	26.055	ug/l	98
52) Toluene	10.606	92	54632	5.201	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	32833	5.023	ug/l	96
54) cis-1,3-Dichloropropene	10.288	75	35495	5.118	ug/l	94
55) 1,1,2-Trichloroethane	10.994	97	19869	4.986	ug/l	92
56) Ethyl methacrylate	10.859	69	29566	4.695	ug/l	97
57) 1,3-Dichloropropane	11.141	76	36892	5.267	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.141	63	78095	23.808	ug/l	99
59) 2-Hexanone	11.182	43	94577	21.954	ug/l	97
60) Dibromochloromethane	11.335	129	22347	4.934	ug/l	99
61) 1,2-Dibromoethane	11.447	107	20284	4.946	ug/l	96
64) Tetrachloroethene	11.082	164	17289	5.218	ug/l	88
65) Chlorobenzene	11.870	112	60700	5.322	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.941	131	19321	5.171	ug/l	95
67) Ethyl Benzene	11.941	91	103756	5.183	ug/l	98
68) m/p-Xylenes	12.047	106	77736	10.363	ug/l	92
69) o-Xylene	12.382	106	37251	5.239	ug/l	98
70) Styrene	12.394	104	60467	5.215	ug/l	98
71) Bromoform	12.559	173	13744	4.929	ug/l #	92
73) Isopropylbenzene	12.676	105	93056	5.001	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.917	83	30348	5.239	ug/l	98
76) 1,2,3-Trichloropropane	12.976	75	38810	7.515	ug/l	78
77) Bromobenzene	12.959	156	20721	5.164	ug/l	82
78) n-propylbenzene	13.012	91	117114	5.158	ug/l	98
79) 2-Chlorotoluene	13.106	91	68350	5.278	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	78511	5.081	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.723	75	6999	3.531	ug/l #	93
82) 4-Chlorotoluene	13.200	91	72836	5.199	ug/l	100
83) tert-Butylbenzene	13.417	119	69371	5.025	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	80008	5.175	ug/l	100
85) sec-Butylbenzene	13.594	105	103097	5.083	ug/l	98
86) p-Isopropyltoluene	13.706	119	85421	5.250	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	40364	5.039	ug/l	96
88) 1,4-Dichlorobenzene	13.788	146	47112	5.462	ug/l	95
89) n-Butylbenzene	14.035	91	82932	5.146	ug/l	99
90) Hexachloroethane	14.312	117	16391	5.202	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	39857	5.162	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	6964	5.165	ug/l	92
93) 1,2,4-Trichlorobenzene	15.370	180	23547	5.036	ug/l	99
94) Hexachlorobutadiene	15.476	225	9028	5.185	ug/l	97
95) Naphthalene	15.617	128	75031	4.684	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	21577	4.812	ug/l	94

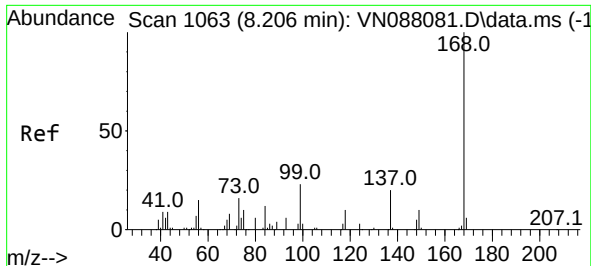
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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QLast Update : Fri Oct 24 02:50:29 2025
Response via : Initial Calibration

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

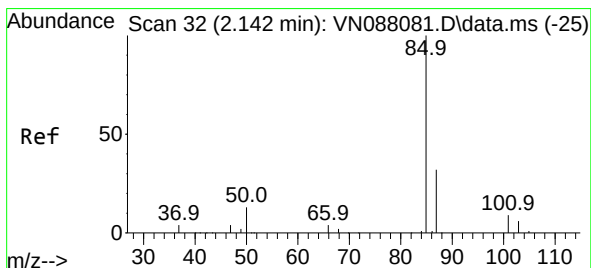
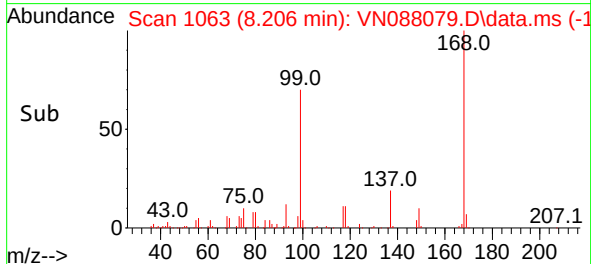
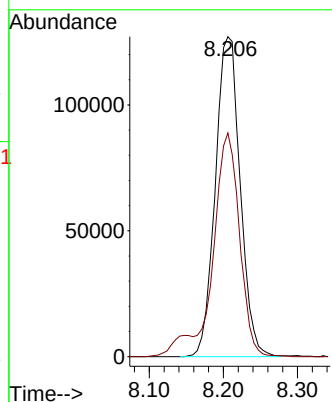
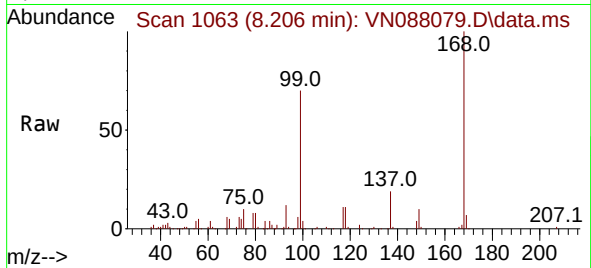
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

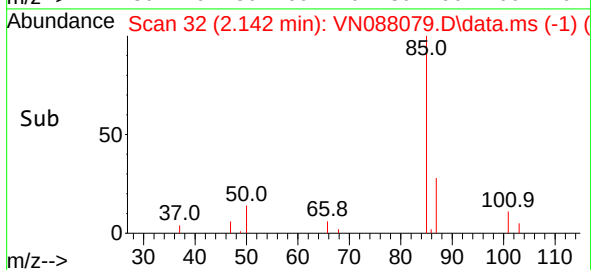
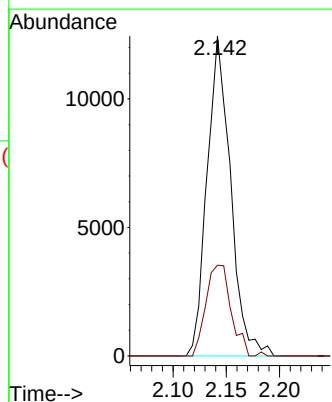
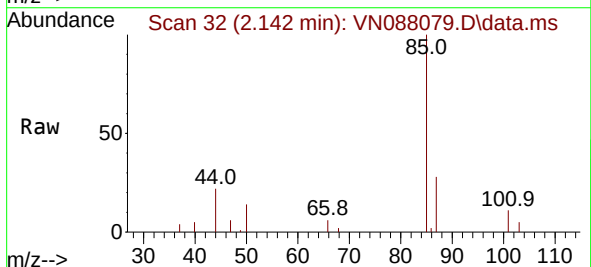
Instrument :
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ClientSampleId :
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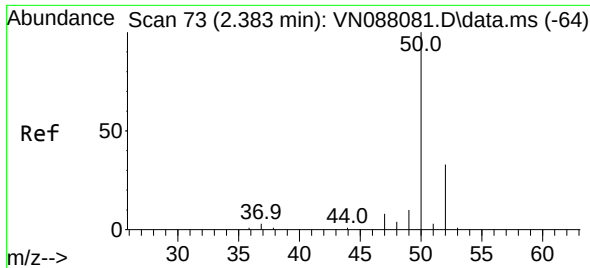
Tgt Ion:168 Resp: 296128
Ion Ratio Lower Upper
168 100
99 69.6 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 5.721 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 85 Resp: 19109
Ion Ratio Lower Upper
85 100
87 28.3 16.6 49.8

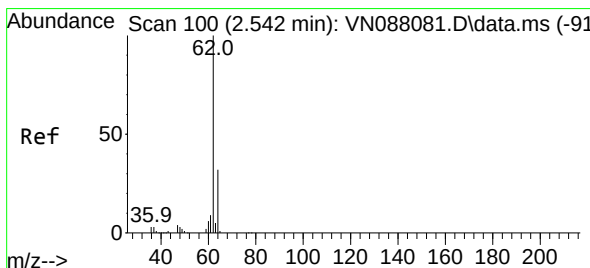
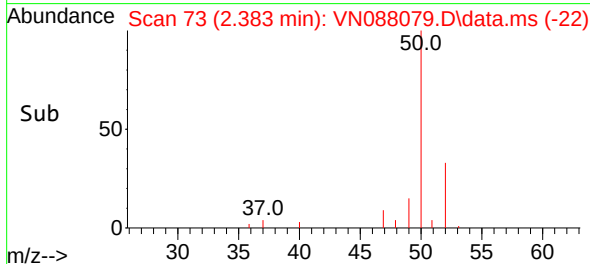
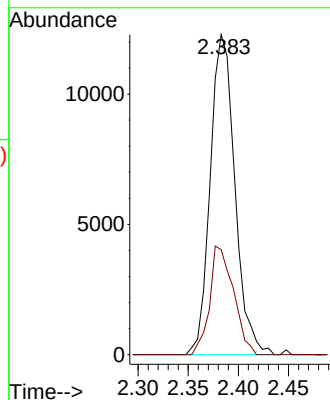
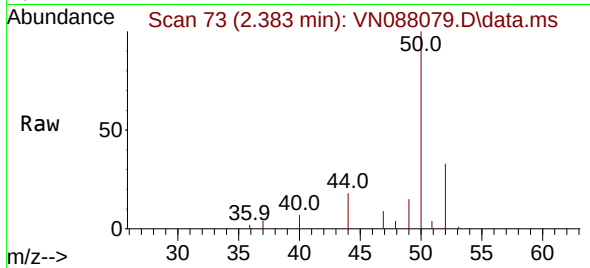




#3
Chloromethane
Concen: 5.330 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

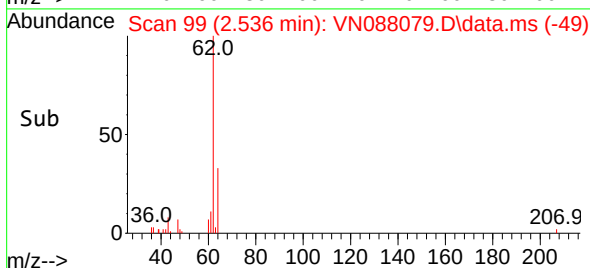
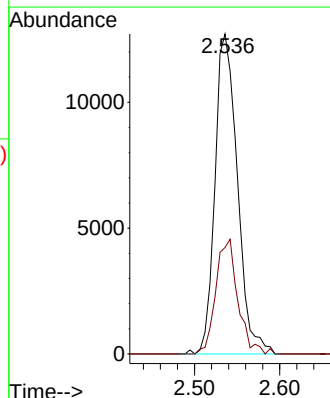
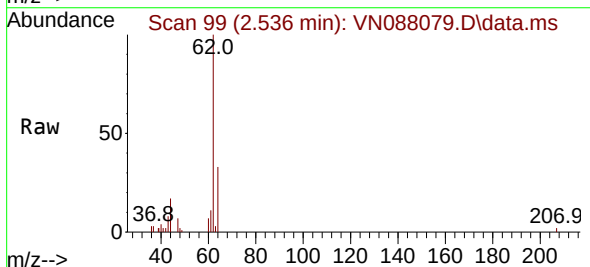
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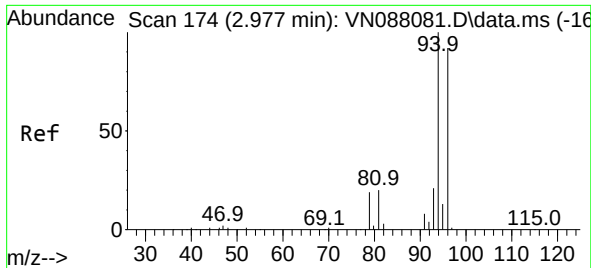
Tgt Ion: 50 Resp: 20946
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.4



#4
Vinyl Chloride
Concen: 5.423 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 62 Resp: 23220
Ion Ratio Lower Upper
62 100
64 33.2 24.6 37.0

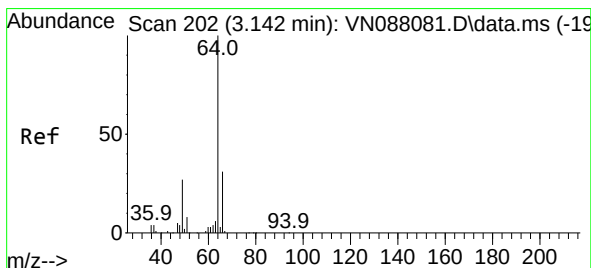
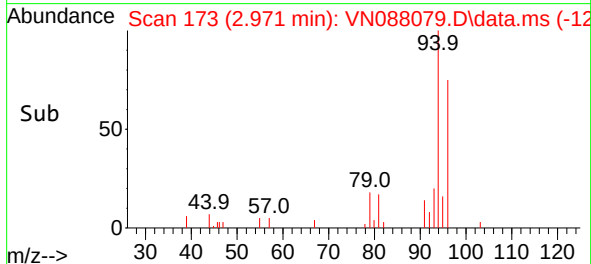
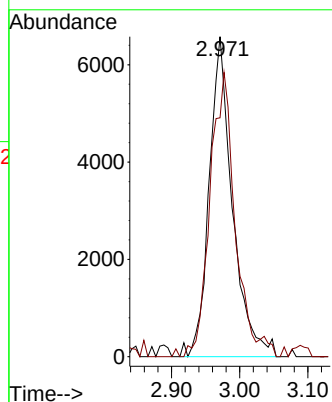
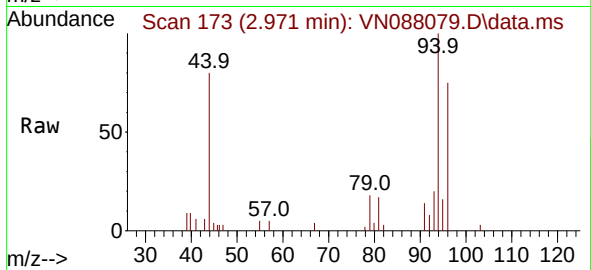




#5
Bromomethane
Concen: 6.098 ug/l
RT: 2.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

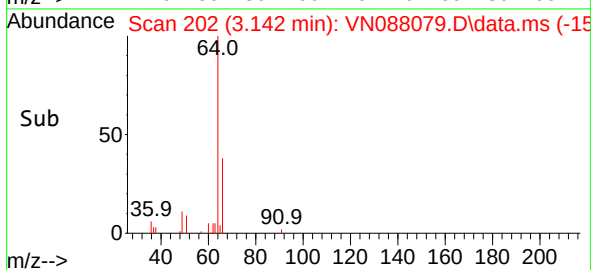
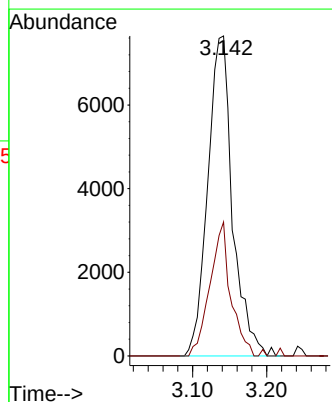
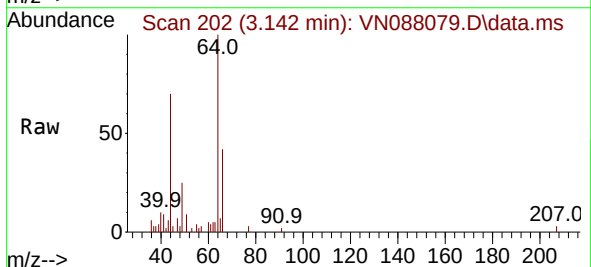
Instrument :
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ClientSampleId :
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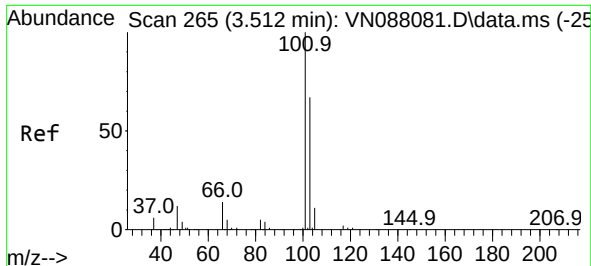
Tgt Ion: 94 Resp: 15617
Ion Ratio Lower Upper
94 100
96 74.7 75.4 113.2#



#6
Chloroethane
Concen: 5.770 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 64 Resp: 17800
Ion Ratio Lower Upper
64 100
66 41.8 26.2 39.2#

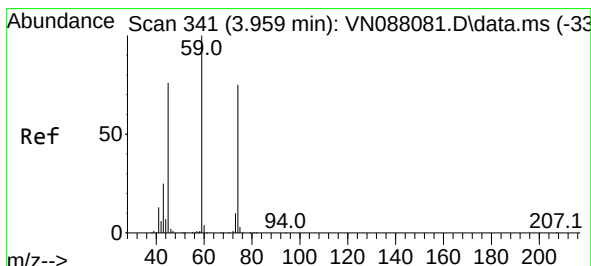
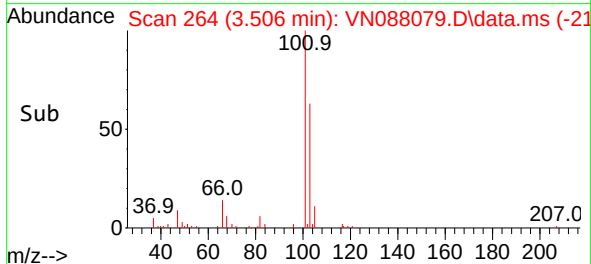
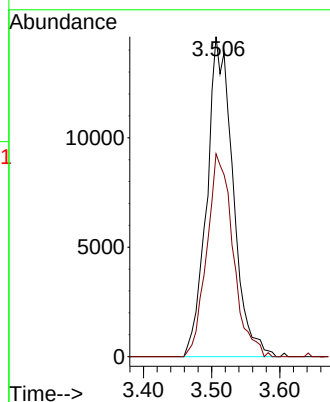
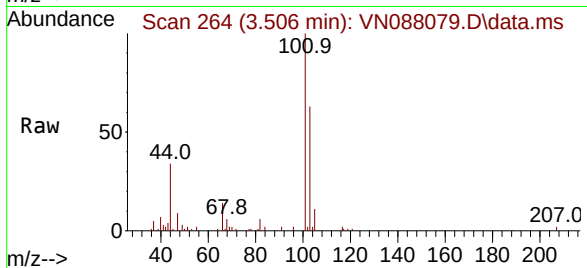




#7
 Trichlorofluoromethane
 Concen: 5.713 ug/l
 RT: 3.506 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN088079.D
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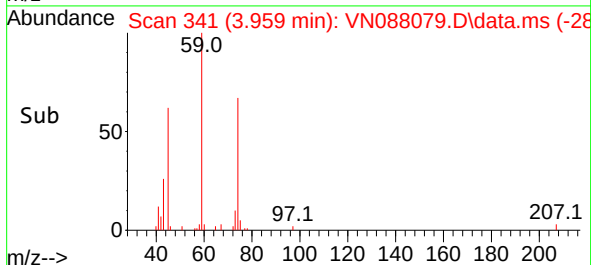
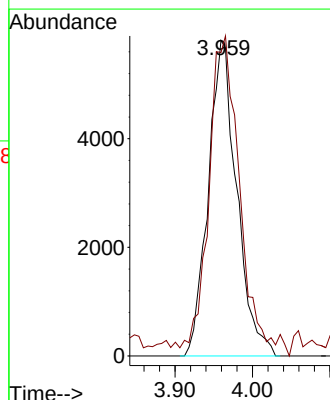
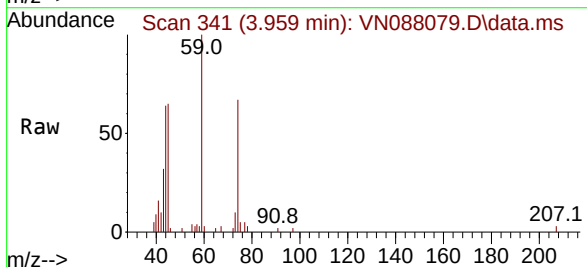
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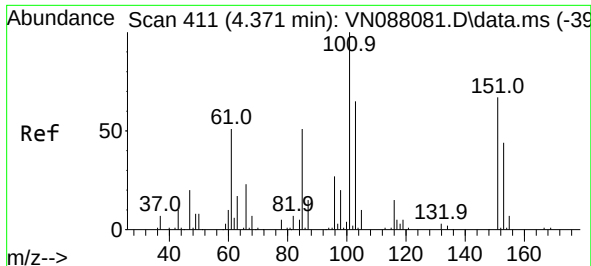
Tgt Ion:101 Resp: 39012
 Ion Ratio Lower Upper
 101 100
 103 63.4 49.4 74.0



#8
 Diethyl Ether
 Concen: 5.846 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN088079.D
 Acq: 23 Oct 2025 10:38

Tgt Ion: 74 Resp: 14837
 Ion Ratio Lower Upper
 74 100
 45 110.6 50.6 151.9

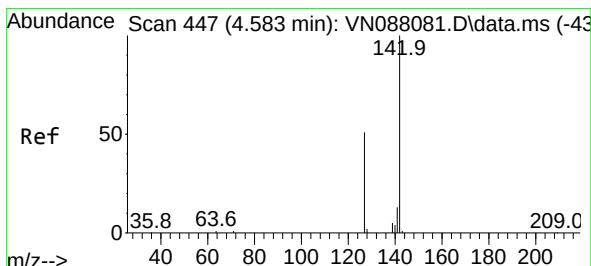
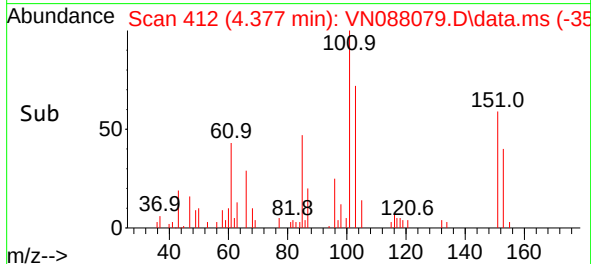
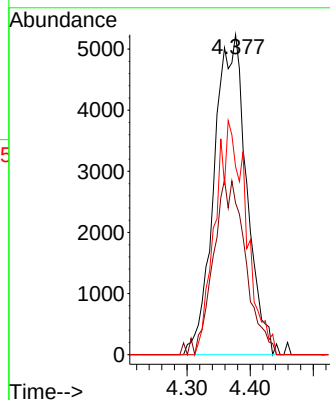
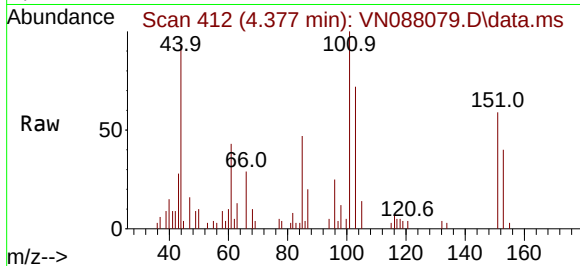




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.312 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN088079.D
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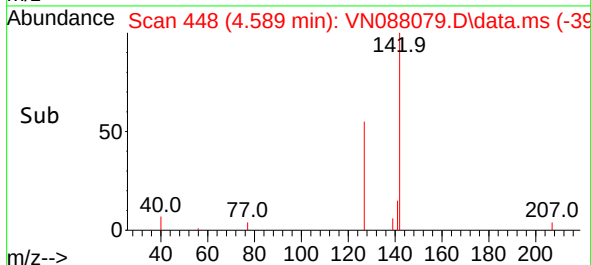
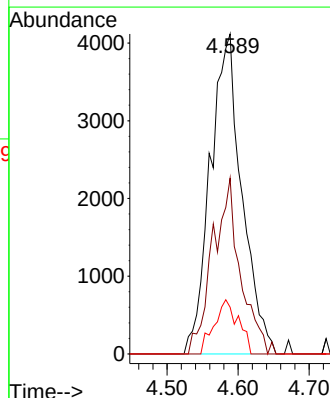
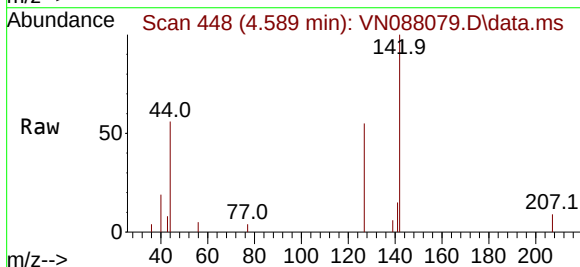
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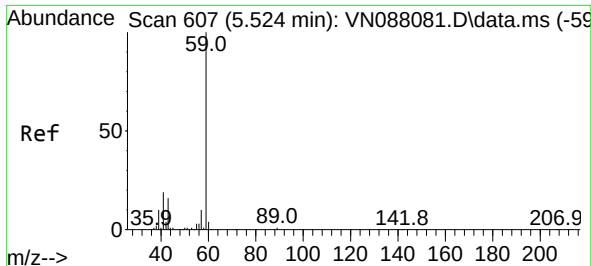
Tgt Ion:101 Resp: 18719
Ion Ratio Lower Upper
101 100
85 54.2 36.6 55.0
151 70.1 54.7 82.1



#10
Methyl Iodide
Concen: 7.564 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion:142 Resp: 12726
Ion Ratio Lower Upper
142 100
127 54.9 38.0 57.0
141 14.6 12.0 18.0

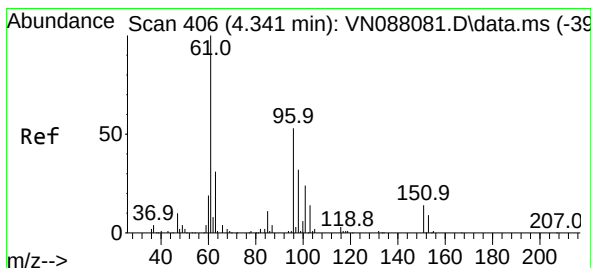
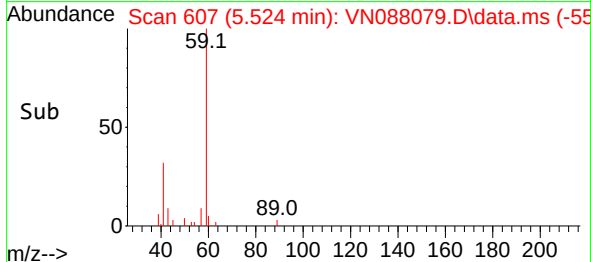
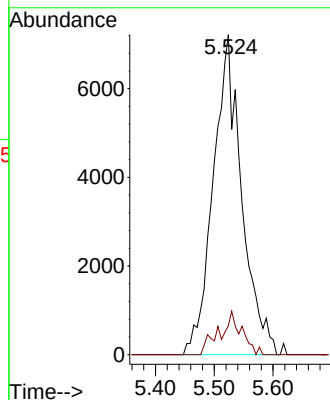
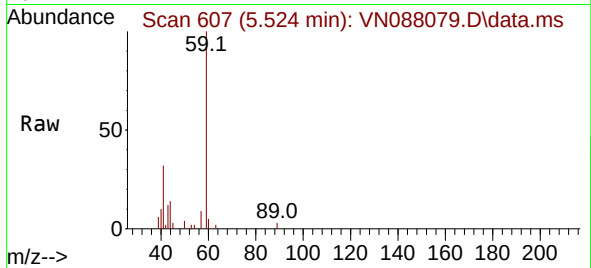




#11
Tert butyl alcohol
Concen: 27.494 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

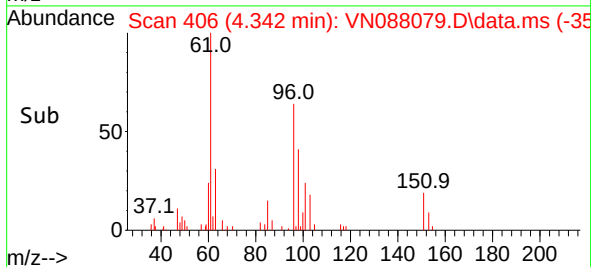
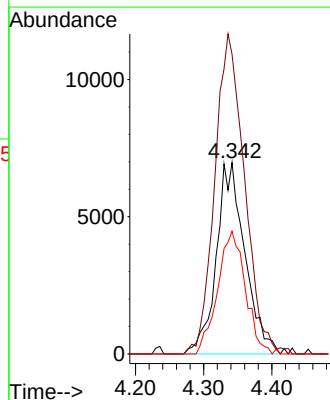
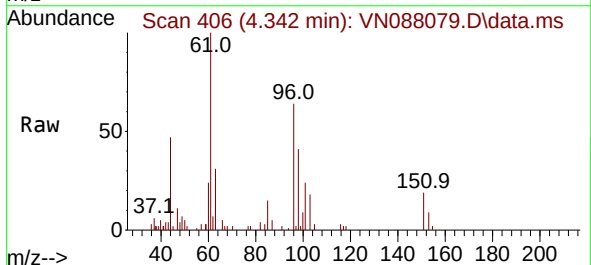
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

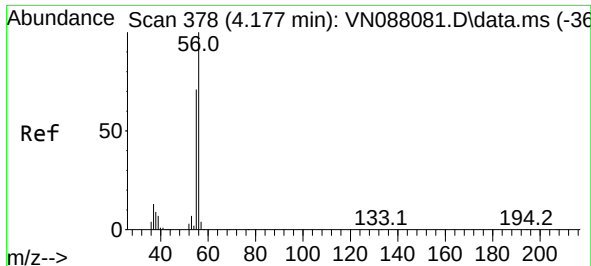
Tgt Ion: 59 Resp: 24255
Ion Ratio Lower Upper
59 100
57 7.2 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 5.461 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 96 Resp: 20326
Ion Ratio Lower Upper
96 100
61 156.7 143.8 215.8
98 64.2 52.1 78.1





#13

Acrolein

Concen: 29.228 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

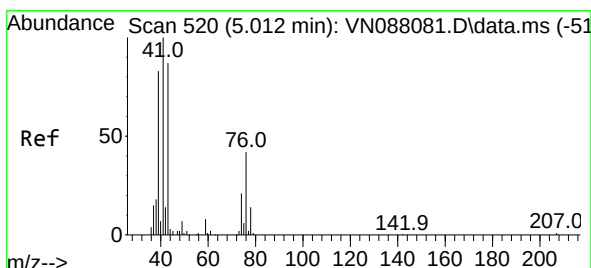
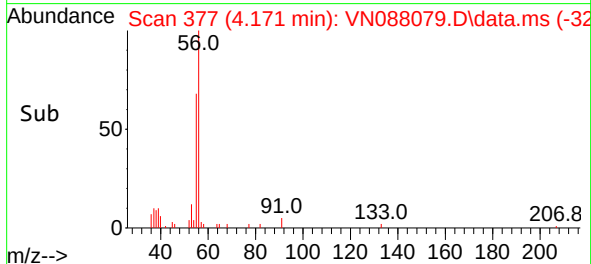
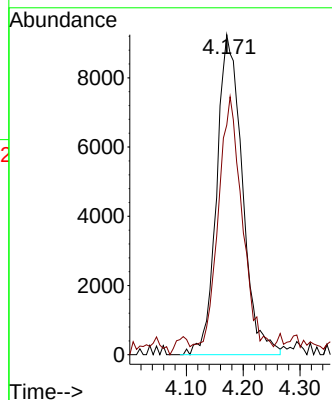
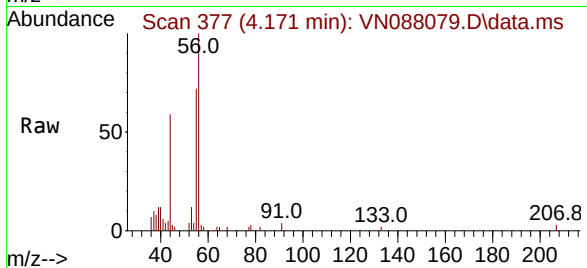
VSTDICC005

Tgt Ion: 56 Resp: 29003

Ion Ratio Lower Upper

56 100

55 77.2 57.3 85.9



#14

Allyl chloride

Concen: 5.232 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.006 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

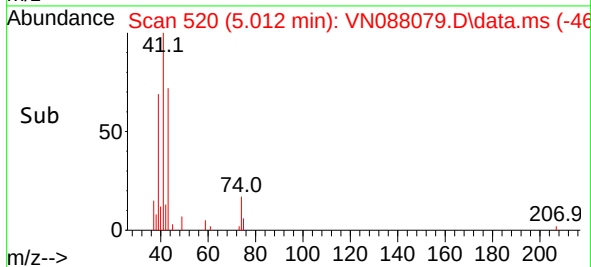
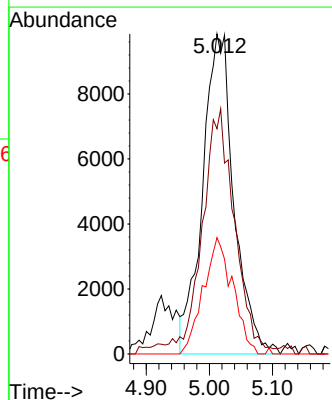
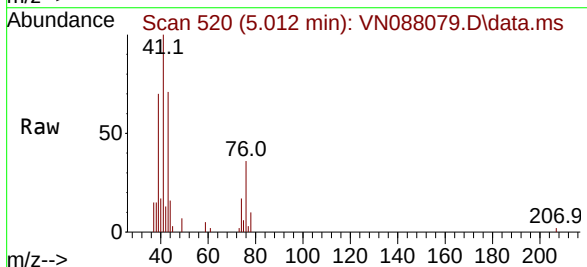
Tgt Ion: 41 Resp: 34031

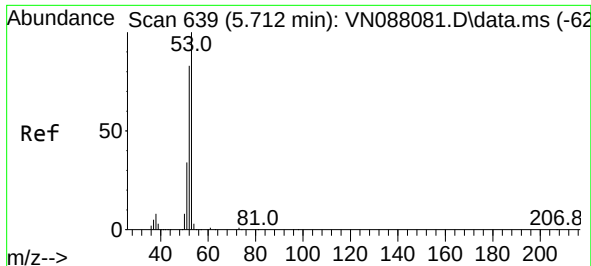
Ion Ratio Lower Upper

41 100

39 80.7 63.9 95.9

76 34.0 28.1 42.1

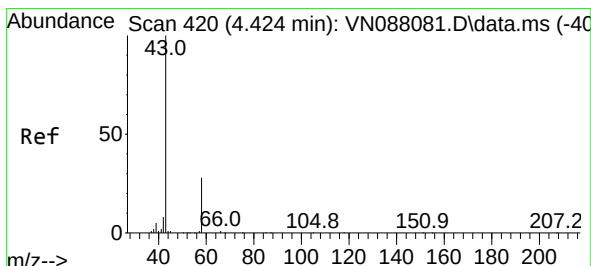
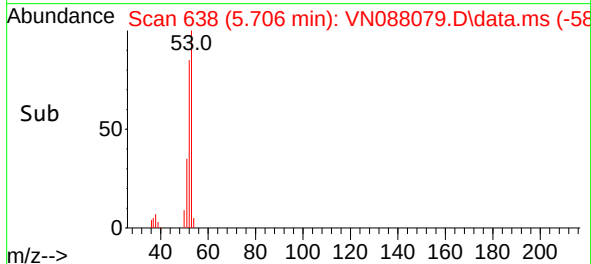
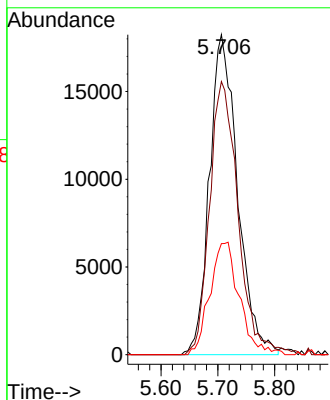
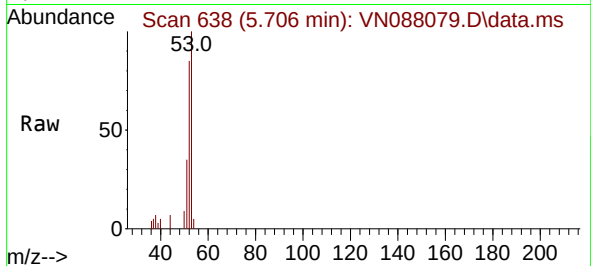




#15
Acrylonitrile
Concen: 26.056 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

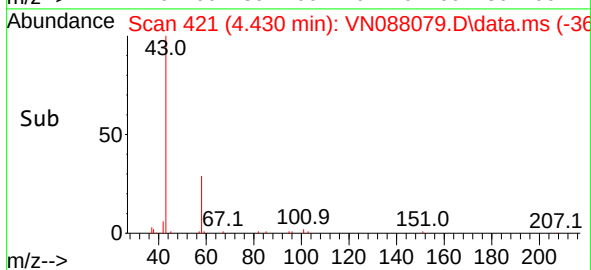
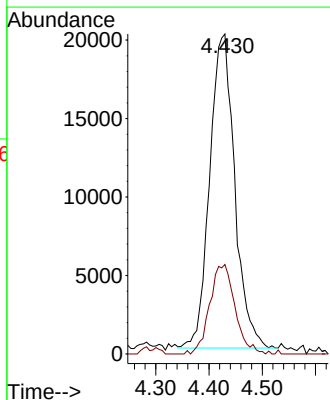
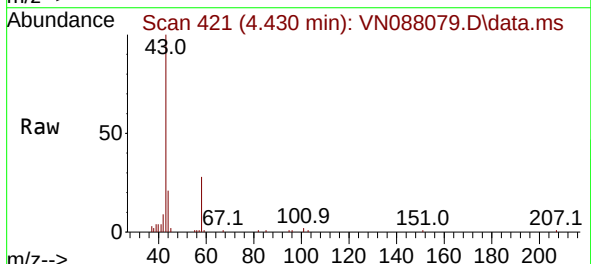
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

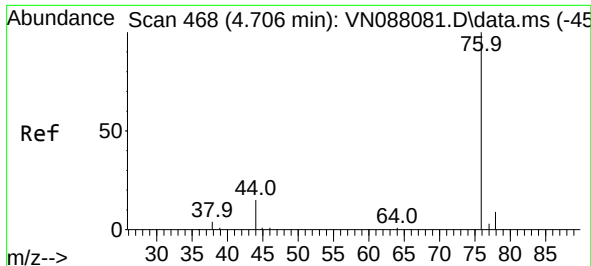
Tgt Ion: 53 Resp: 62612
Ion Ratio Lower Upper
53 100
52 86.6 67.6 101.4
51 36.9 30.1 45.1



#16
Acetone
Concen: 25.396 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 43 Resp: 65332
Ion Ratio Lower Upper
43 100
58 28.5 22.6 33.8

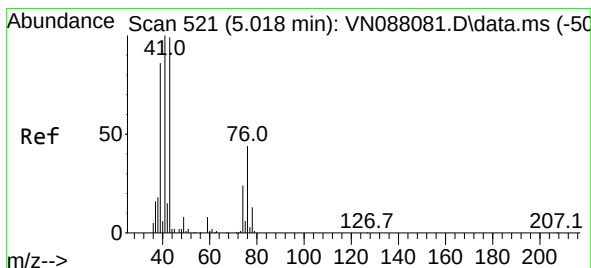
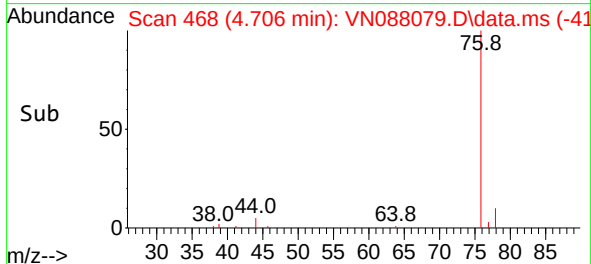
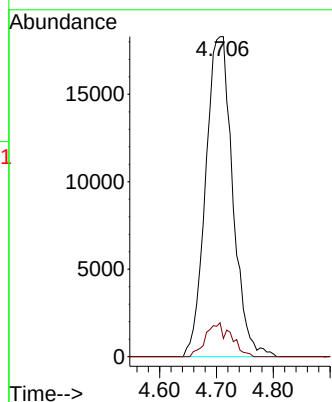
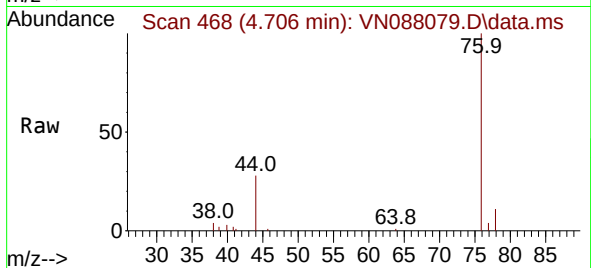




#17
Carbon Disulfide
Concen: 5.342 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

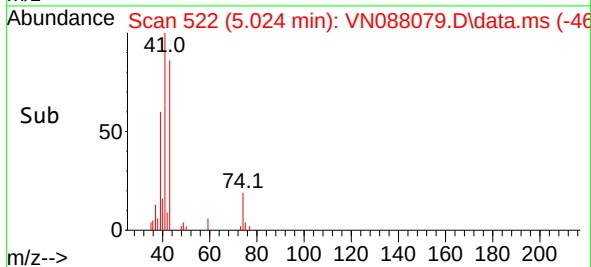
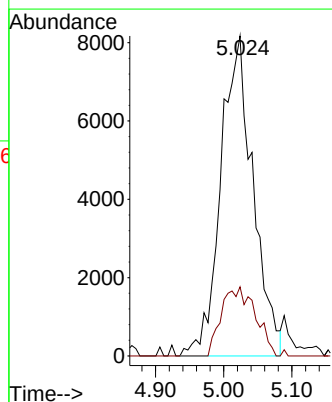
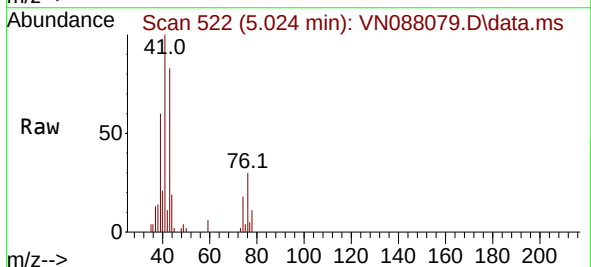
Instrument :
MSVOA_N
ClientSampleId :
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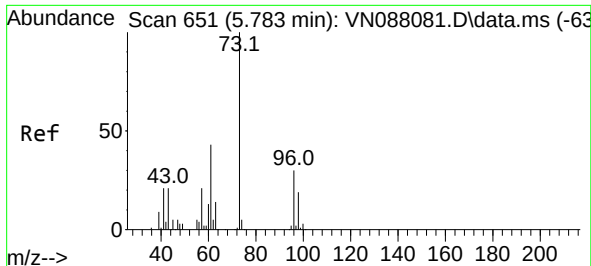
Tgt Ion: 76 Resp: 60437
Ion Ratio Lower Upper
76 100
78 10.6 7.6 11.4



#18
Methyl Acetate
Concen: 5.114 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 43 Resp: 26935
Ion Ratio Lower Upper
43 100
74 22.7 17.6 26.4

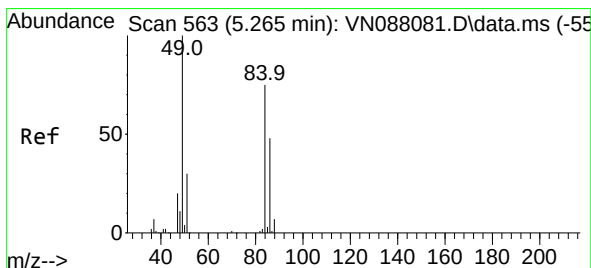
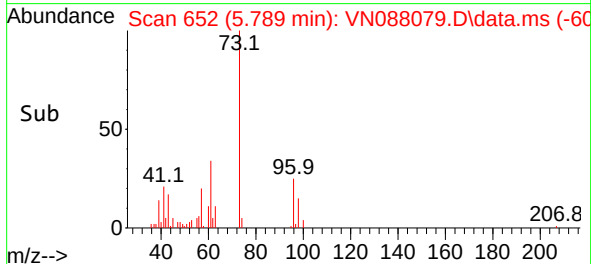
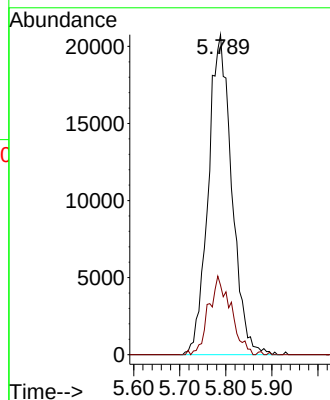
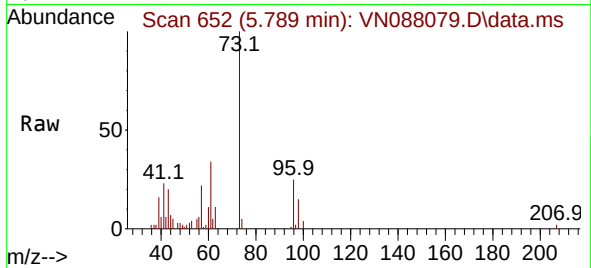




#19
Methyl tert-butyl Ether
Concen: 5.411 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

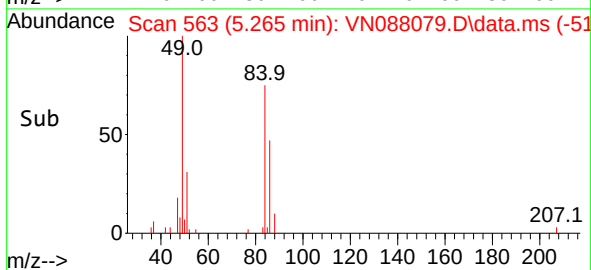
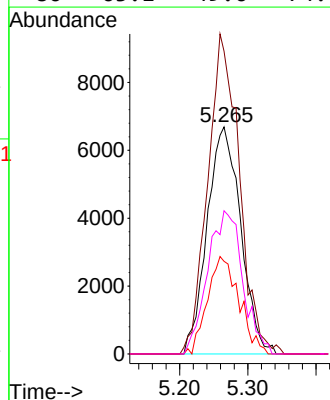
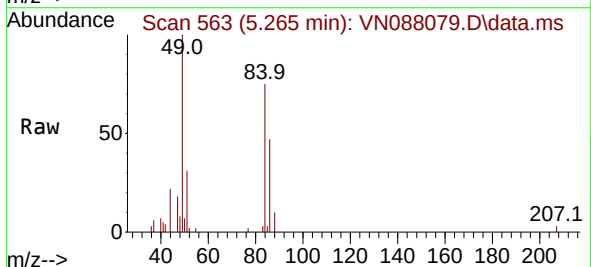
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

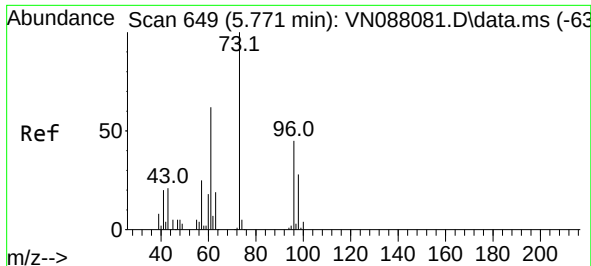
Tgt Ion: 73 Resp: 73958
Ion Ratio Lower Upper
73 100
57 21.7 18.4 27.6



#20
Methylene Chloride
Concen: 6.410 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 84 Resp: 22926
Ion Ratio Lower Upper
84 100
49 133.4 103.4 155.2
51 40.8 33.8 50.8
86 63.1 49.6 74.4

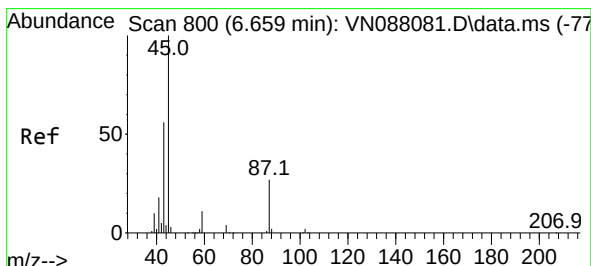
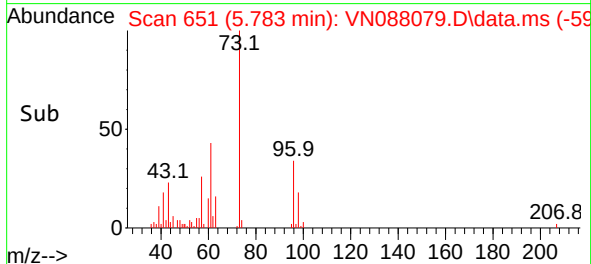
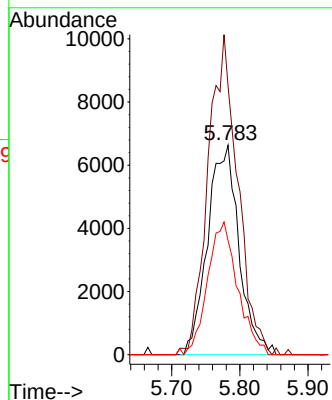
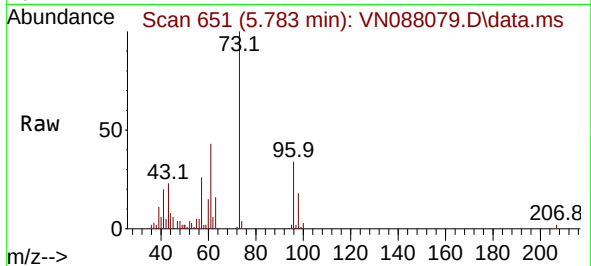




#21
trans-1,2-Dichloroethene
Concen: 5.152 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

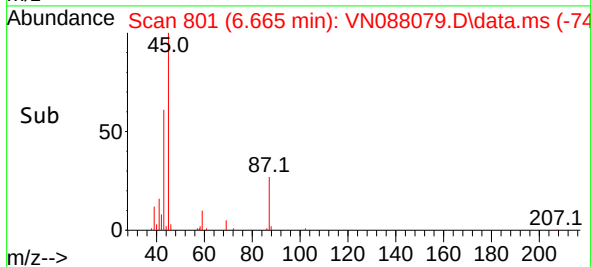
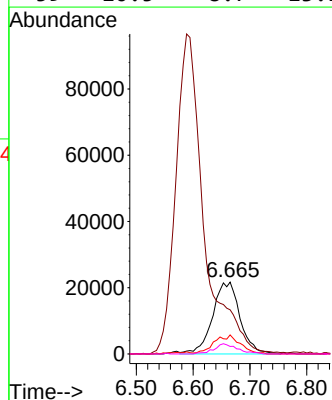
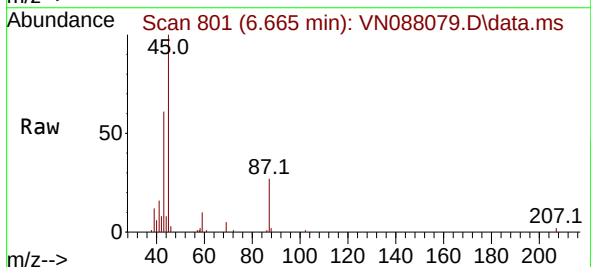
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

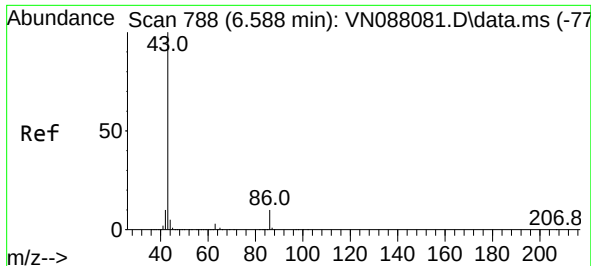
Tgt Ion: 96 Resp: 21204
Ion Ratio Lower Upper
96 100
61 128.4 118.0 177.0
98 54.6 50.0 75.0



#22
Diisopropyl ether
Concen: 5.310 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 45 Resp: 72852
Ion Ratio Lower Upper
45 100
43 59.4 47.7 71.5
87 26.6 21.4 32.0
59 10.5 8.7 13.1

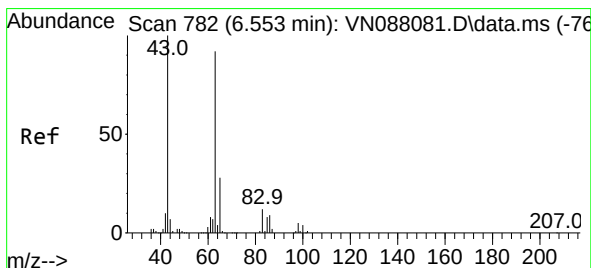
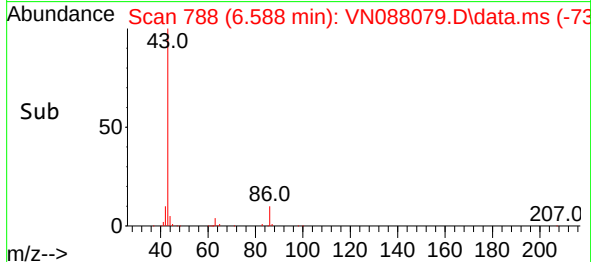
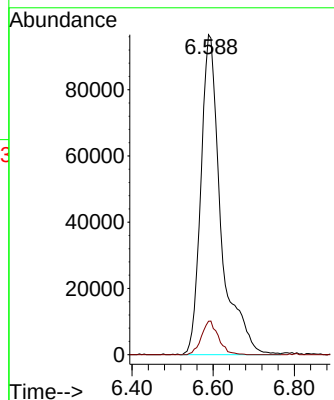
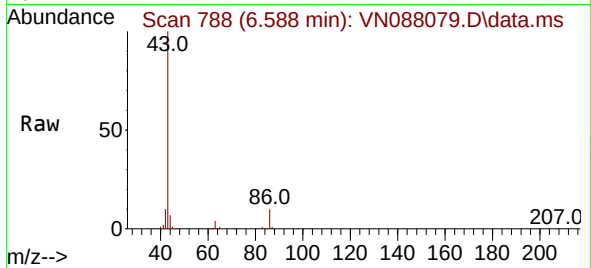




#23
 Vinyl Acetate
 Concen: 26.799 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088079.D
 Acq: 23 Oct 2025 10:38

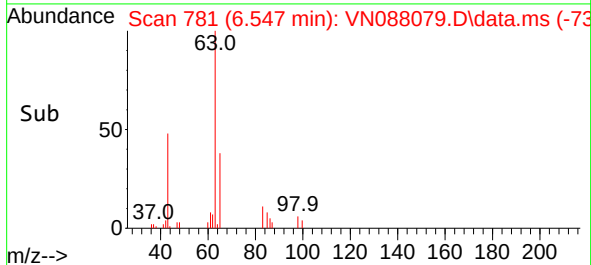
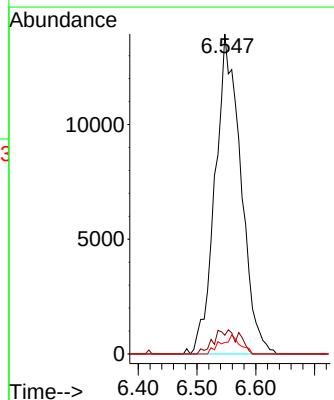
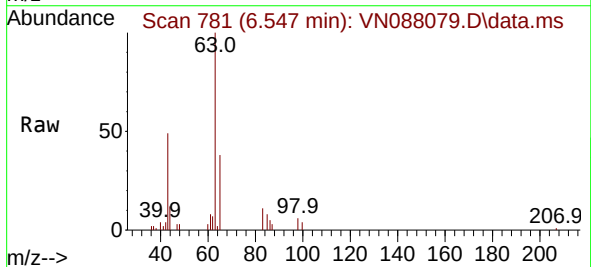
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

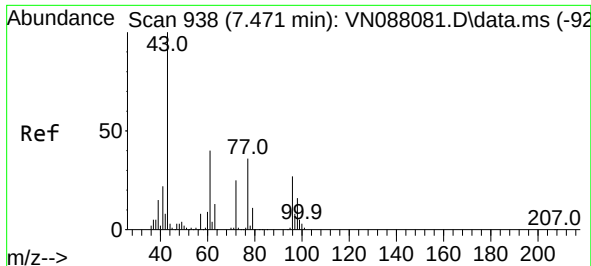
Tgt Ion: 43 Resp: 331195
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 5.578 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.000 min
 Lab File: VN088079.D
 Acq: 23 Oct 2025 10:38

Tgt Ion: 63 Resp: 42391
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.8 11.4
 100 3.6 2.0 6.0

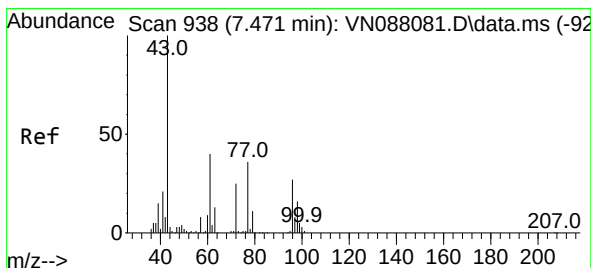
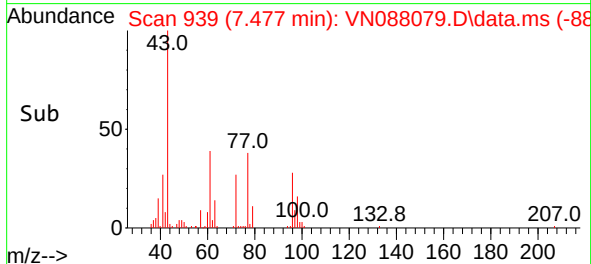
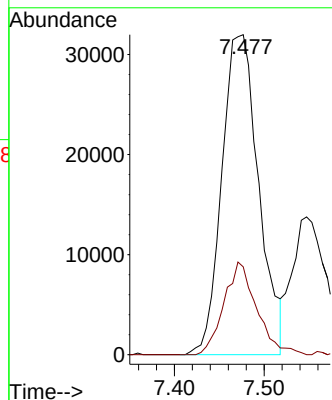
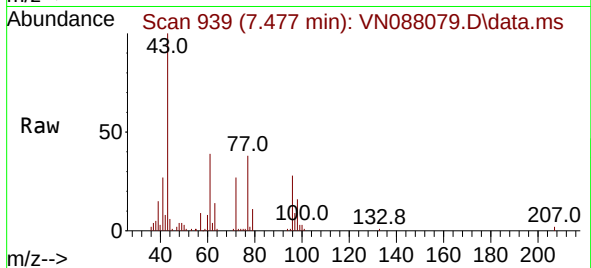




#25
2-Butanone
Concen: 27.166 ug/l
RT: 7.477 min Scan# 911
Delta R.T. 0.012 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

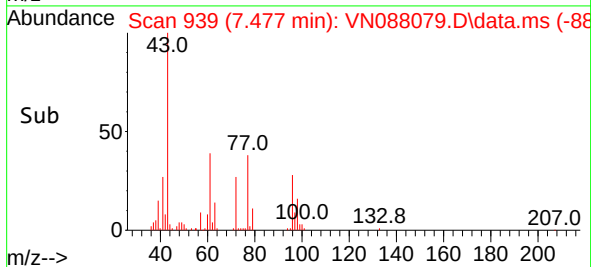
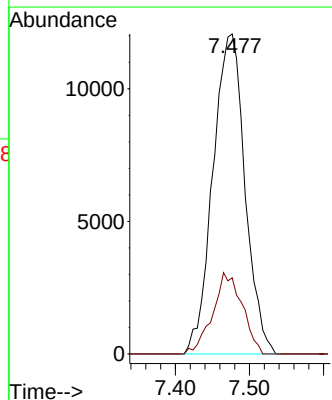
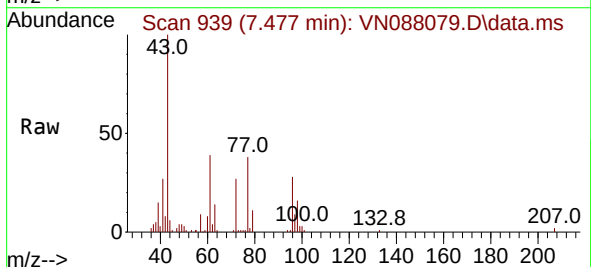
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

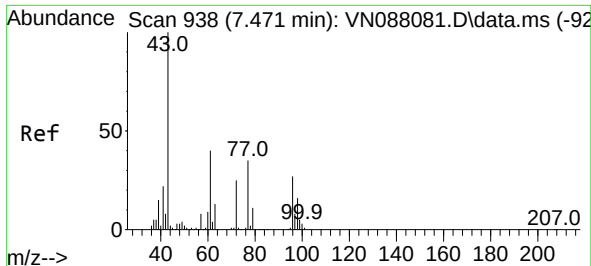
Tgt Ion: 43 Resp: 91150
Ion Ratio Lower Upper
43 100
72 27.4 19.9 29.9



#26
2,2-Dichloropropane
Concen: 5.257 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 77 Resp: 36306
Ion Ratio Lower Upper
77 100
97 23.3 10.9 32.7

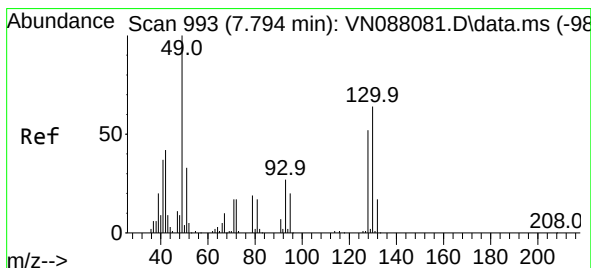
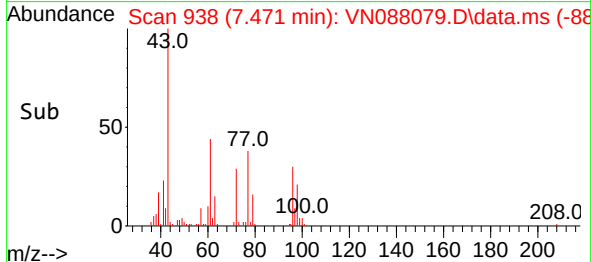
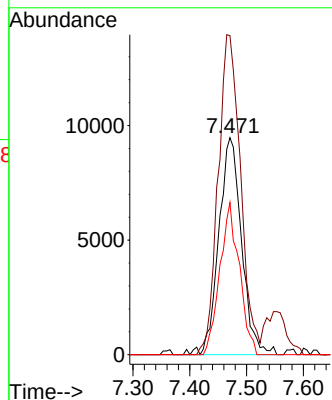
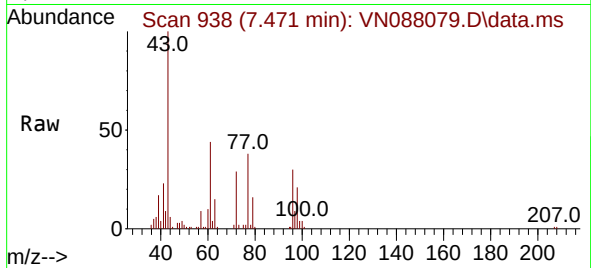




#27
 cis-1,2-Dichloroethene
 Concen: 5.616 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088079.D
 Acq: 23 Oct 2025 10:38

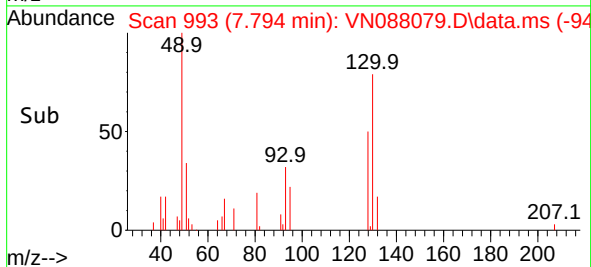
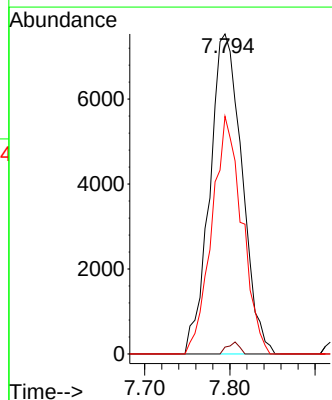
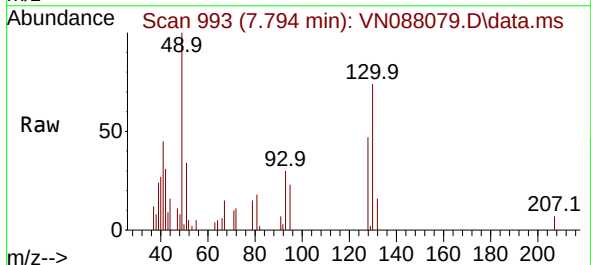
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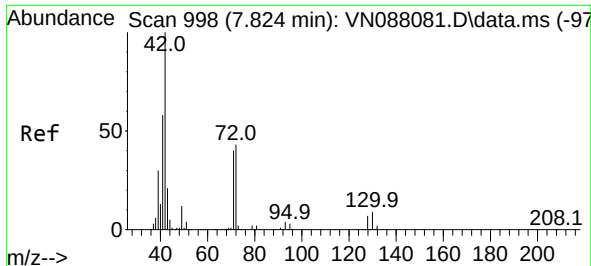
Tgt Ion: 96 Resp: 26415
 Ion Ratio Lower Upper
 96 100
 61 145.0 0.0 301.8
 98 59.9 0.0 126.2



#28
 Bromochloromethane
 Concen: 5.515 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088079.D
 Acq: 23 Oct 2025 10:38

Tgt Ion: 49 Resp: 19805
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.0
 130 69.5 53.1 79.7





#29

Tetrahydrofuran

Concen: 25.793 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

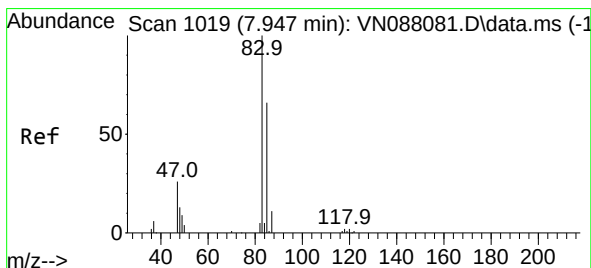
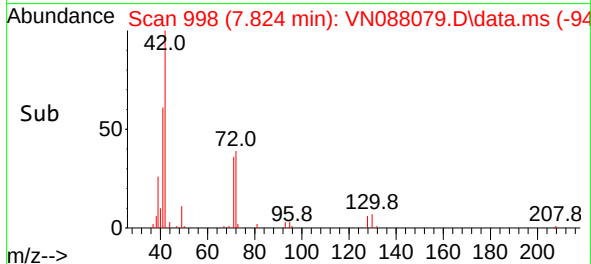
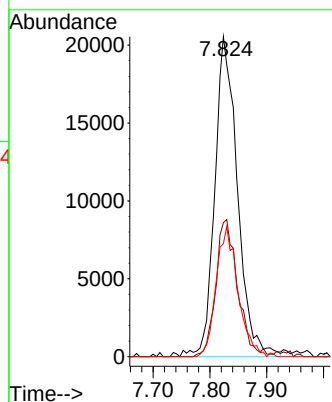
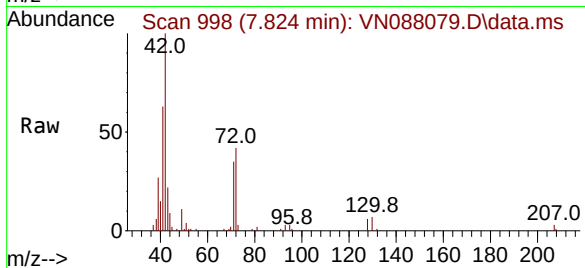
Tgt Ion: 42 Resp: 56989

Ion Ratio Lower Upper

42 100

72 41.4 33.7 50.5

71 38.9 31.9 47.9



#30

Chloroform

Concen: 5.590 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN088079.D

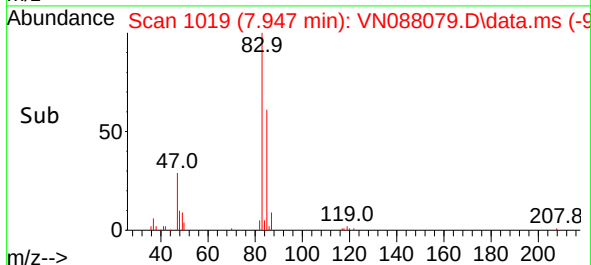
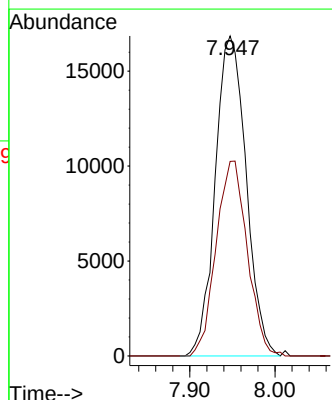
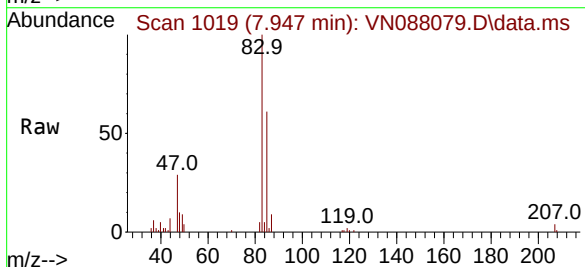
Acq: 23 Oct 2025 10:38

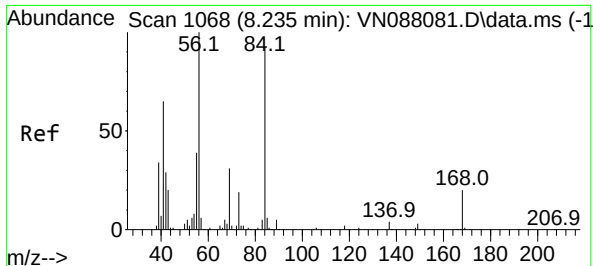
Tgt Ion: 83 Resp: 42443

Ion Ratio Lower Upper

83 100

85 60.8 50.7 76.1

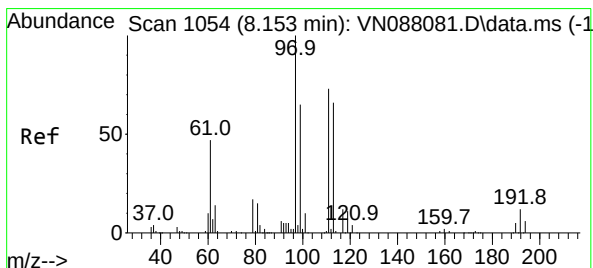
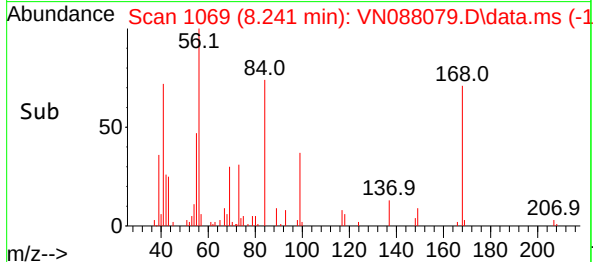
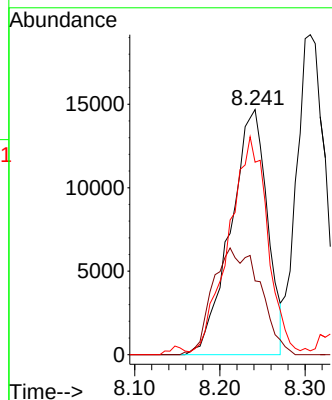
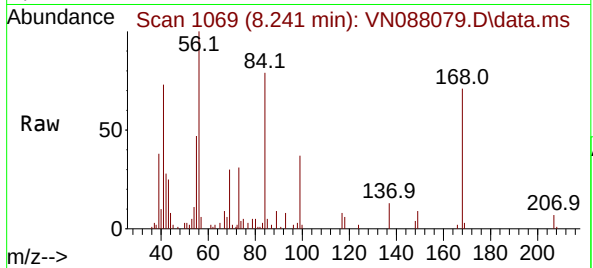




#31
Cyclohexane
Concen: 6.146 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

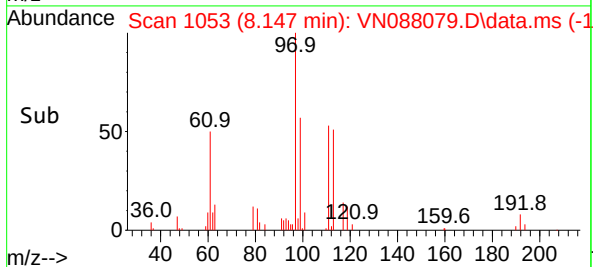
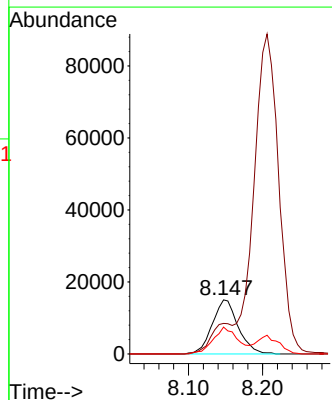
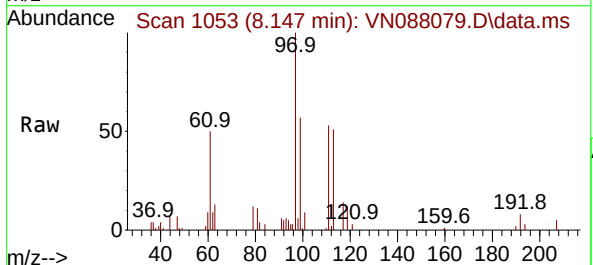
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

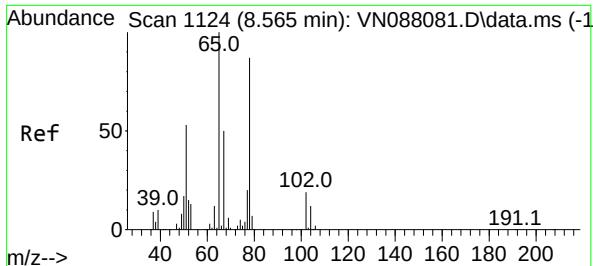
Tgt Ion: 56 Resp: 44056
Ion Ratio Lower Upper
56 100
69 30.1 23.7 35.5
84 75.7 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 5.384 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 97 Resp: 36411
Ion Ratio Lower Upper
97 100
99 47.8 52.2 78.2#
61 47.8 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 5.285 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

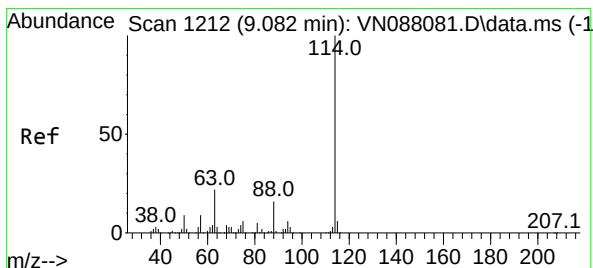
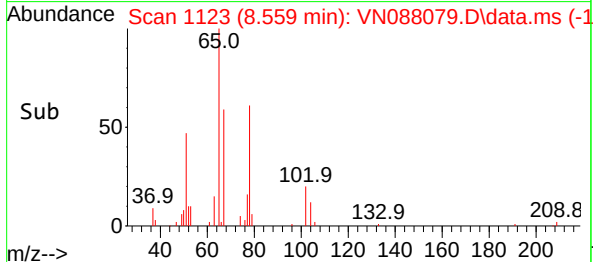
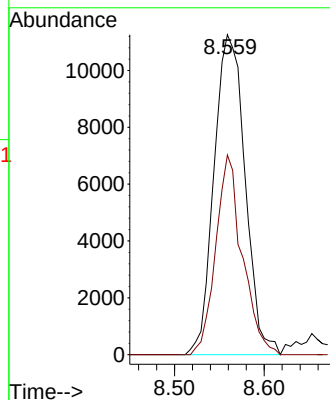
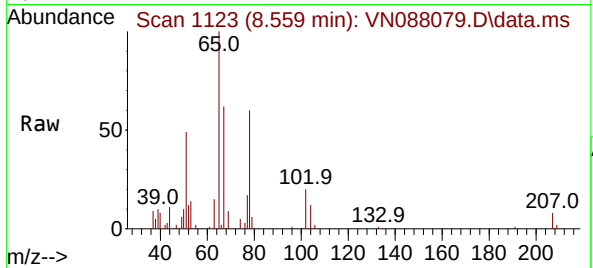
VSTDICC005

Tgt Ion: 65 Resp: 27065

Ion Ratio Lower Upper

65 100

67 53.4 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

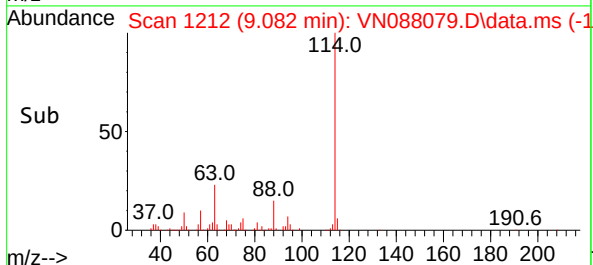
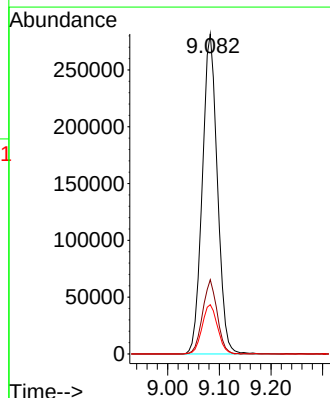
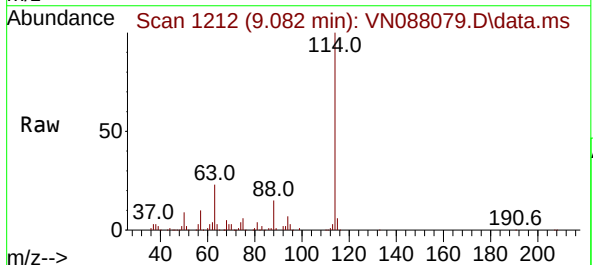
Tgt Ion: 114 Resp: 570271

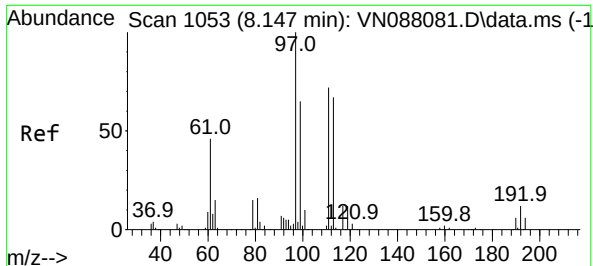
Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.2

88 15.4 0.0 33.4

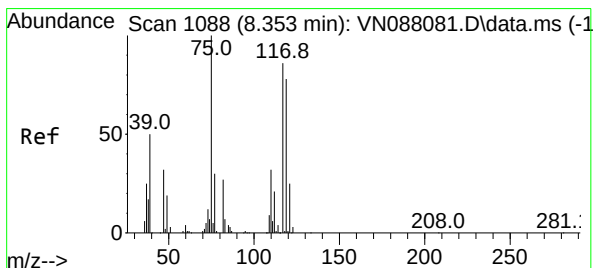
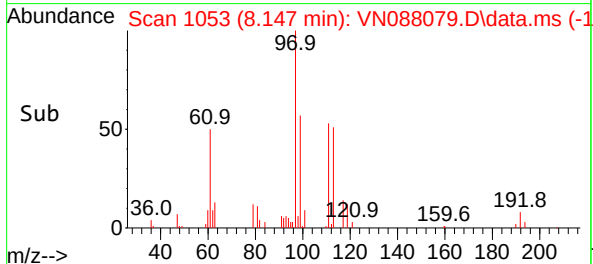
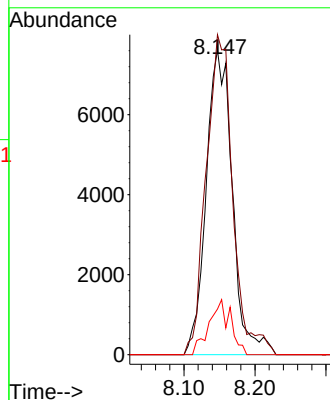
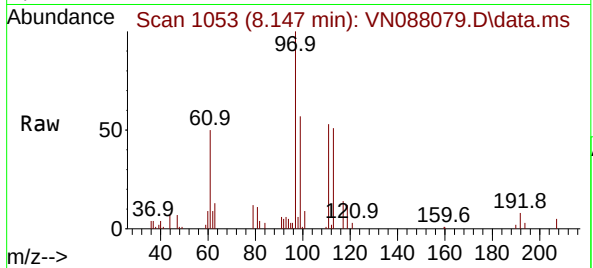




#35
Dibromofluoromethane
Concen: 5.103 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

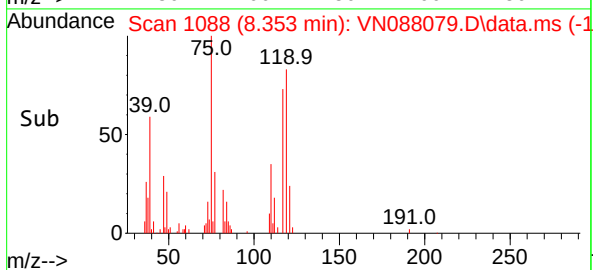
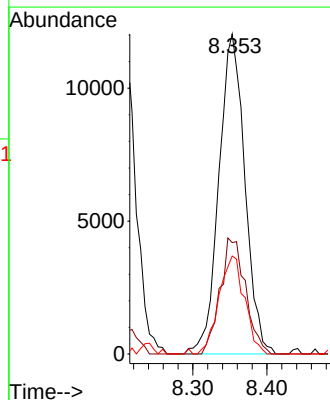
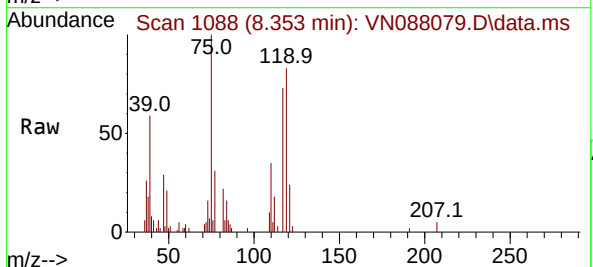
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

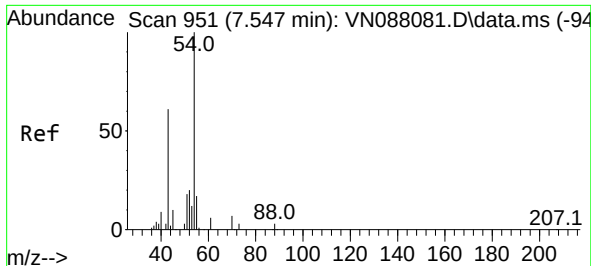
Tgt Ion:113 Resp: 19551
Ion Ratio Lower Upper
113 100
111 106.1 82.8 124.2
192 14.9 12.8 19.2



#36
1,1-Dichloropropene
Concen: 5.241 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 75 Resp: 29318
Ion Ratio Lower Upper
75 100
110 35.5 15.9 47.6
77 30.2 24.4 36.6

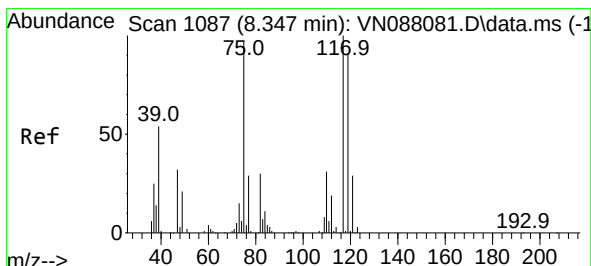
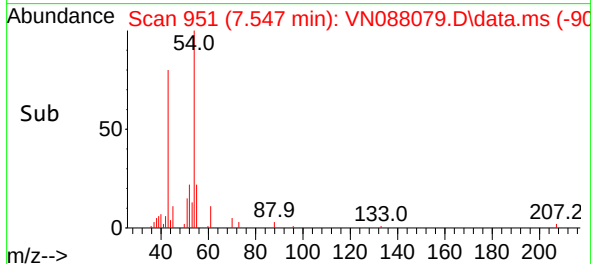
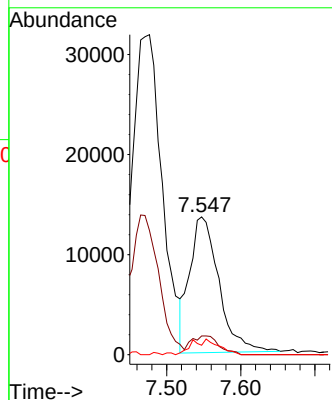
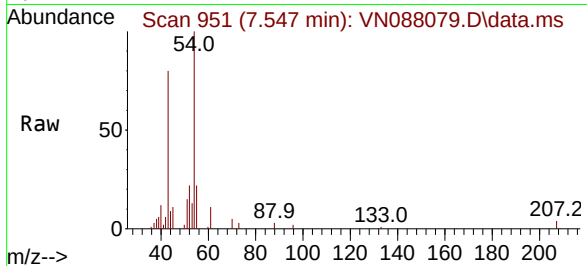




#37
Ethyl Acetate
Concen: 5.201 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

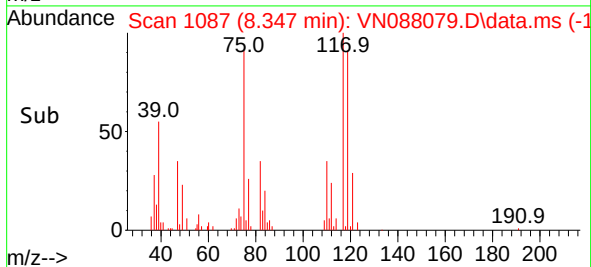
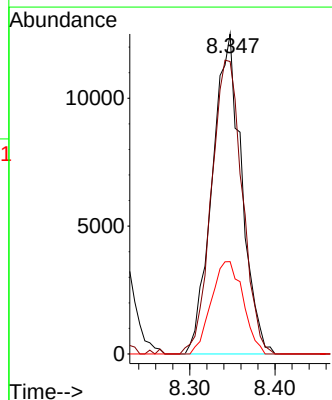
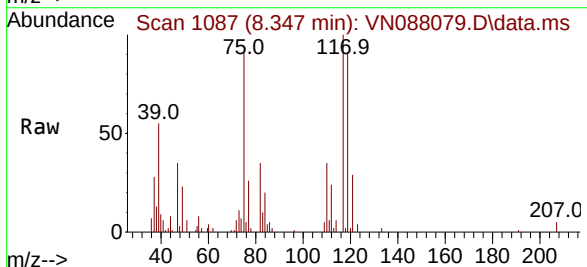
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

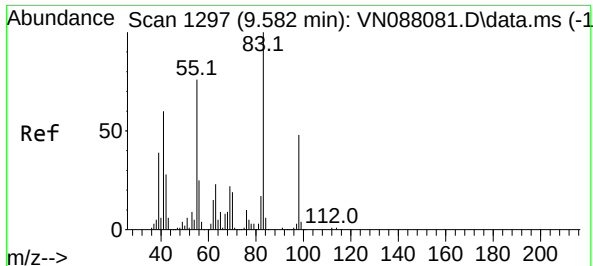
Tgt Ion: 43 Resp: 37387
Ion Ratio Lower Upper
43 100
61 13.0 9.3 13.9
70 5.9 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 5.178 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 117 Resp: 29915
Ion Ratio Lower Upper
117 100
119 91.4 79.0 118.6
121 28.9 25.0 37.6





#39

Methylcyclohexane

Concen: 5.147 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

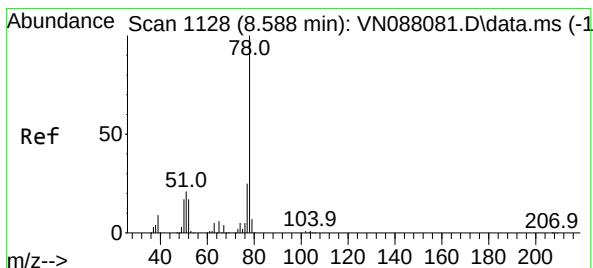
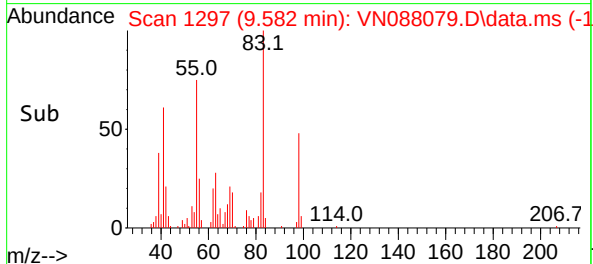
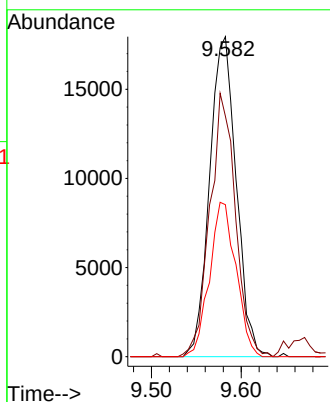
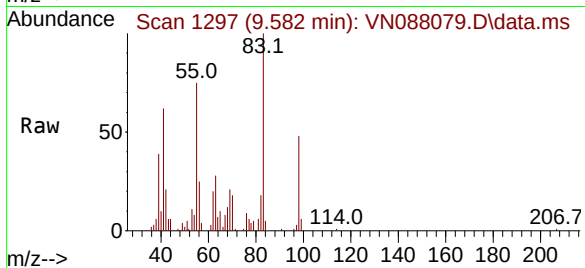
Tgt Ion: 83 Resp: 37009

Ion Ratio Lower Upper

83 100

55 75.2 64.6 96.8

98 47.5 38.4 57.6



#40

Benzene

Concen: 5.279 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088079.D

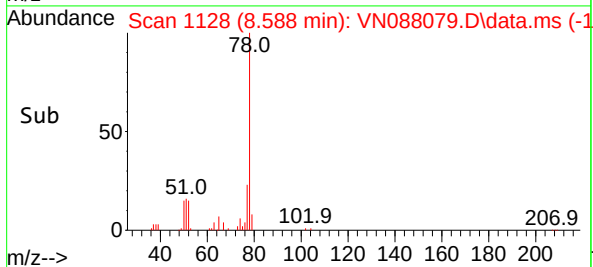
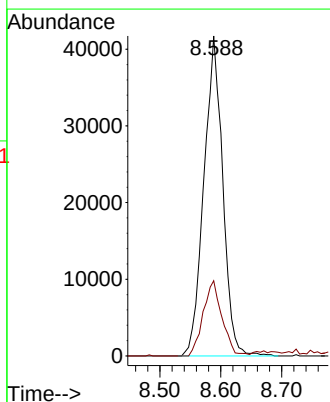
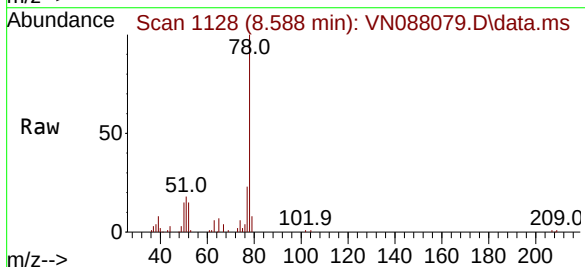
Acq: 23 Oct 2025 10:38

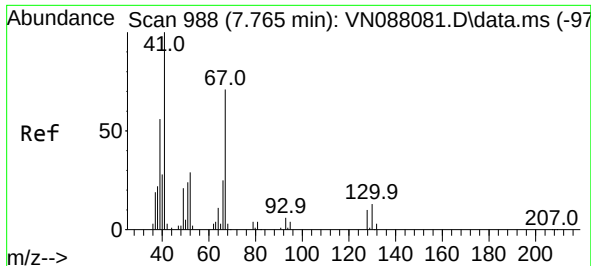
Tgt Ion: 78 Resp: 89925

Ion Ratio Lower Upper

78 100

77 23.5 19.7 29.5

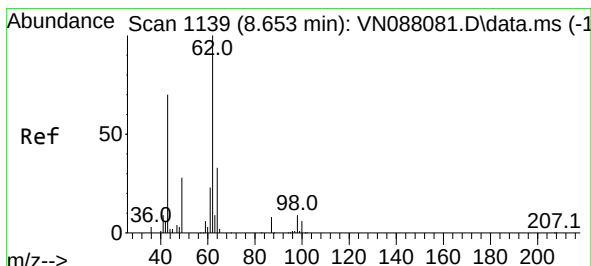
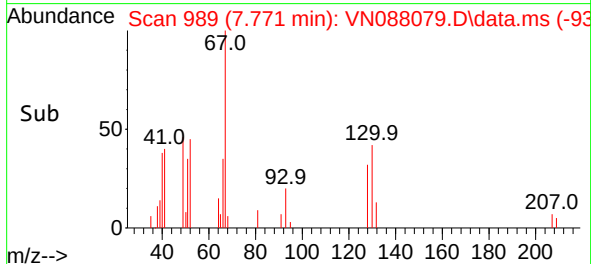
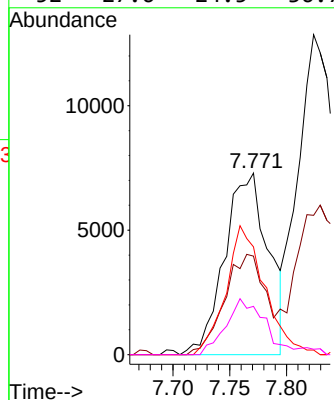
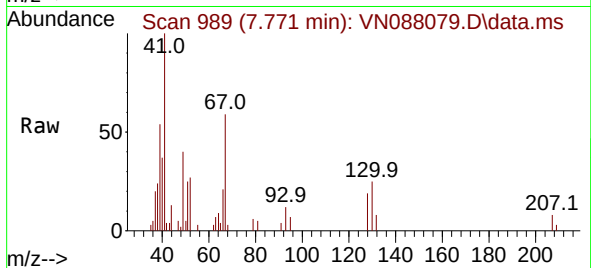




#41
Methacrylonitrile
Concen: 5.137 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

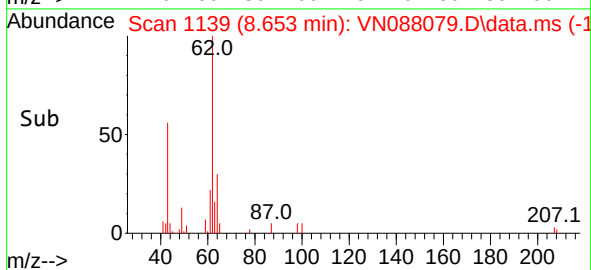
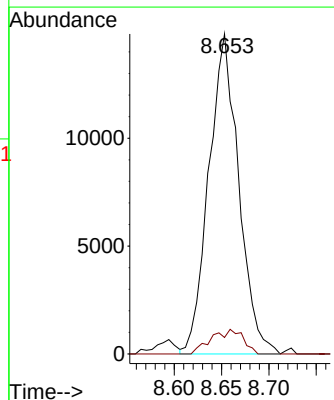
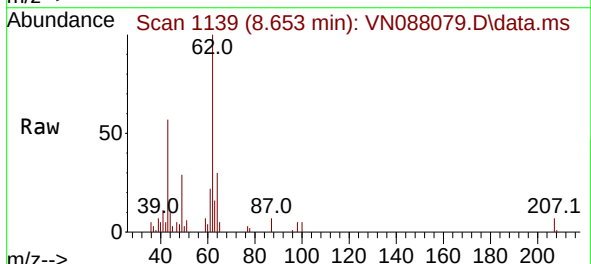
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

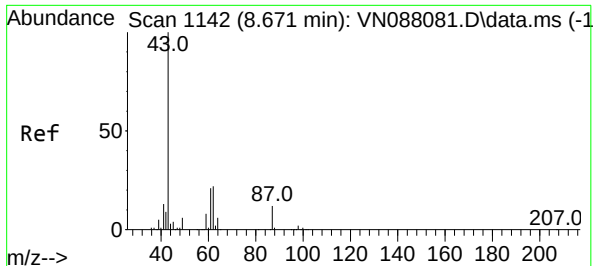
Tgt Ion: 41	Resp:	19516	
Ion	Ratio	Lower	Upper
41	100		
39	51.1	45.4	68.0
67	63.0	55.3	82.9
52	27.6	24.5	36.7



#42
1,2-Dichloroethane
Concen: 5.388 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 62	Resp:	32612	
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.4

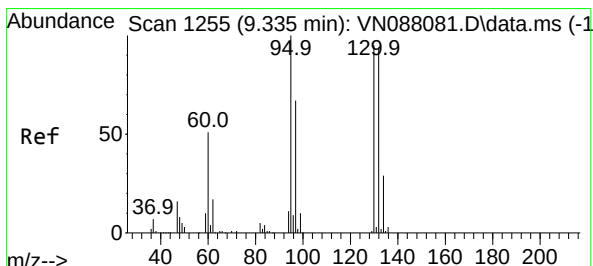
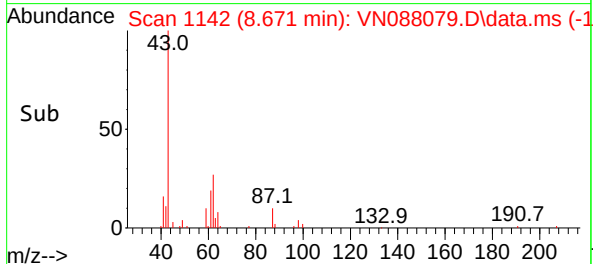
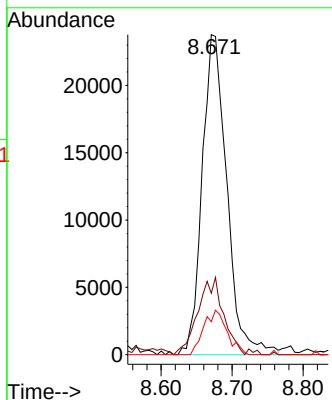
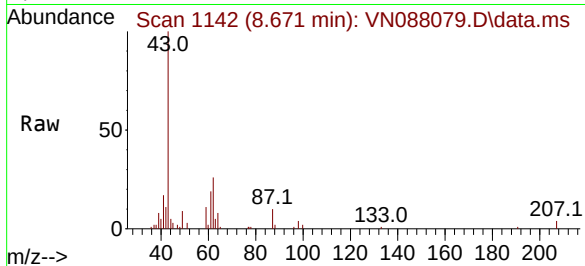




#43
Isopropyl Acetate
Concen: 5.184 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

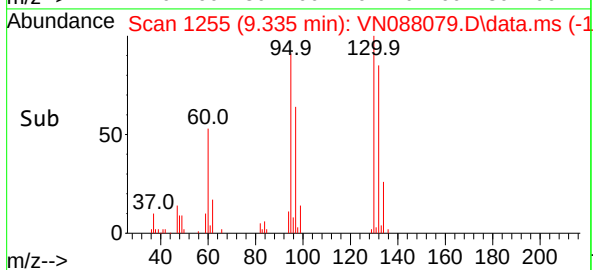
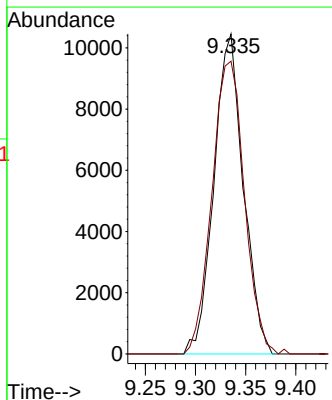
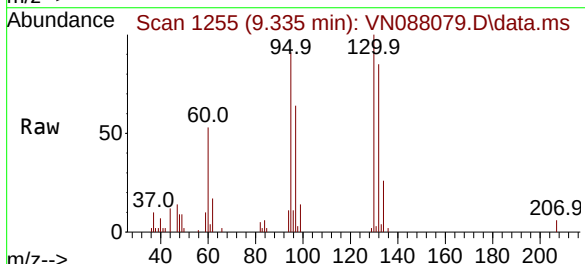
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

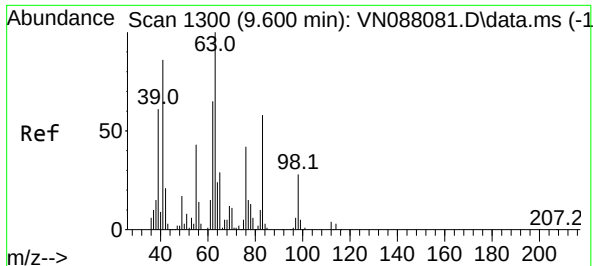
Tgt Ion:	43	Resp:	57498
Ion	Ratio	Lower	Upper
43	100		
61	25.0	18.8	28.2
87	13.1	9.6	14.4



#44
Trichloroethene
Concen: 5.361 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion:	130	Resp:	21346
Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	212.0





#45

1,2-Dichloropropane

Concen: 5.411 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

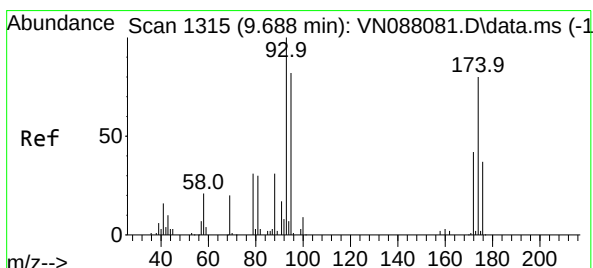
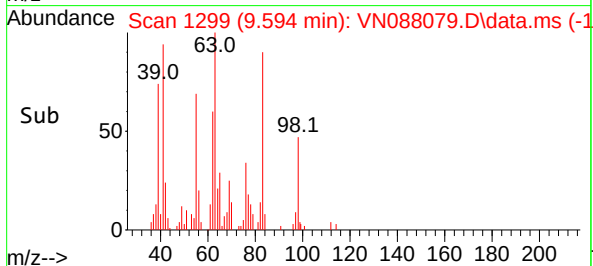
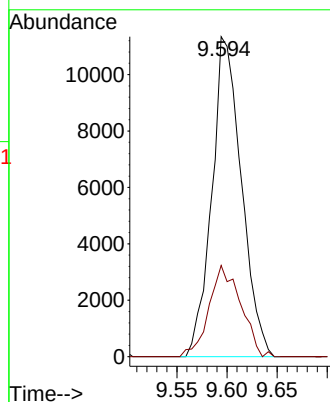
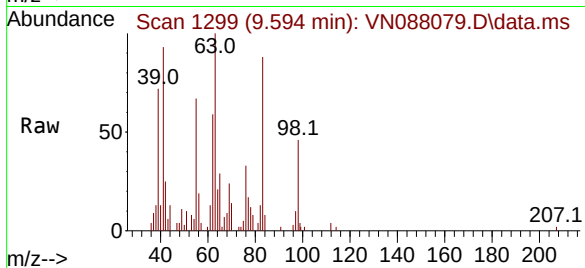
VSTDIC005

Tgt Ion: 63 Resp: 23273

Ion Ratio Lower Upper

63 100

65 28.5 25.0 37.4



#46

Dibromomethane

Concen: 5.546 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

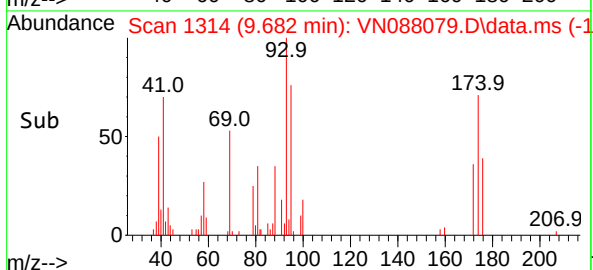
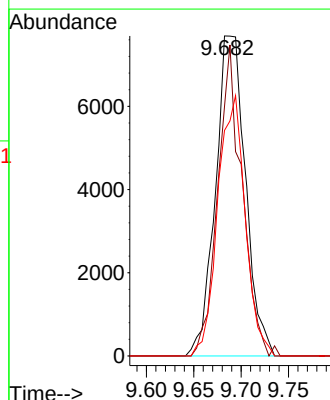
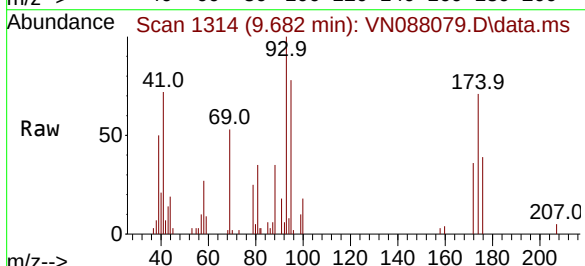
Tgt Ion: 93 Resp: 17012

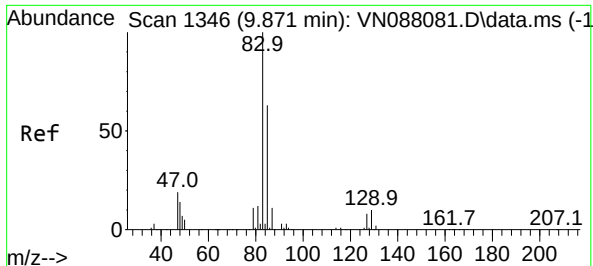
Ion Ratio Lower Upper

93 100

95 78.4 66.2 99.4

174 74.1 63.4 95.2

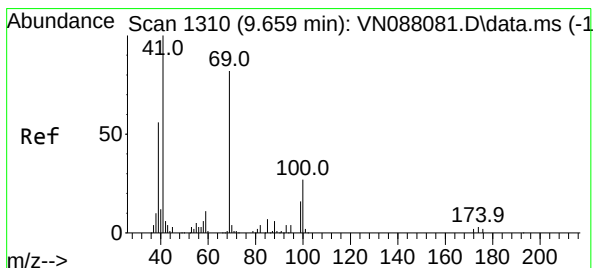
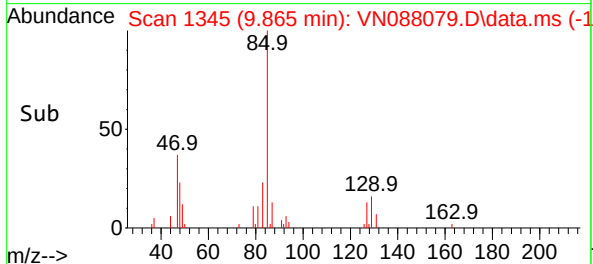
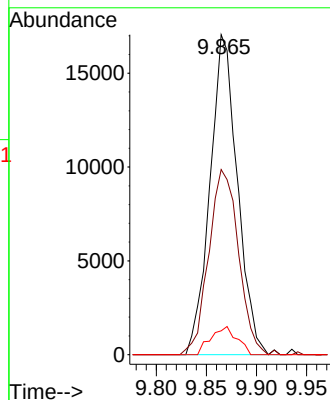
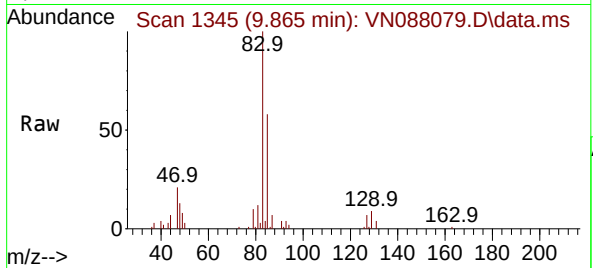




#47
Bromodichloromethane
Concen: 5.295 ug/l
RT: 9.865 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

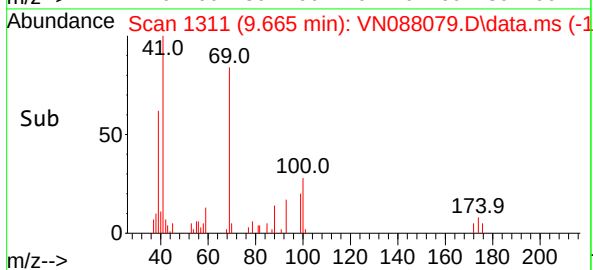
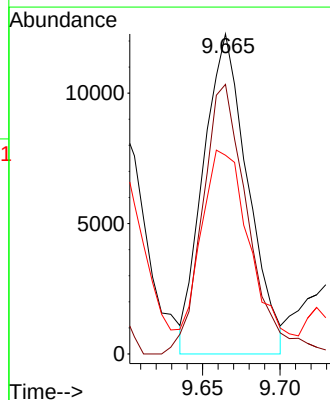
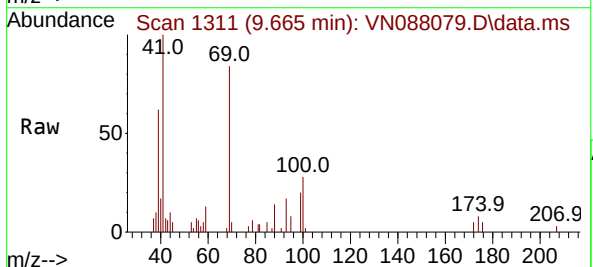
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

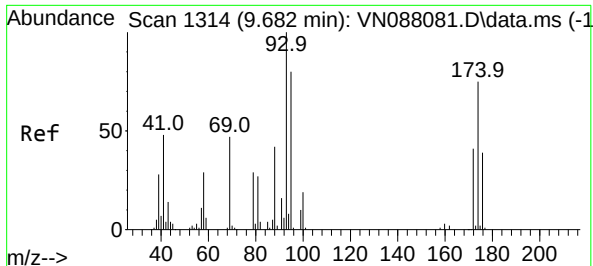
Tgt Ion: 83 Resp: 32518
Ion Ratio Lower Upper
83 100
85 57.9 52.5 78.7
127 7.5 5.8 8.6



#48
Methyl methacrylate
Concen: 4.645 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 41 Resp: 24475
Ion Ratio Lower Upper
41 100
69 86.6 62.7 94.1
39 71.3 52.9 79.3





#49

1,4-Dioxane

Concen: 106.179 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

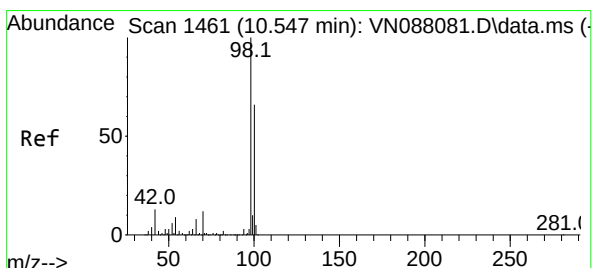
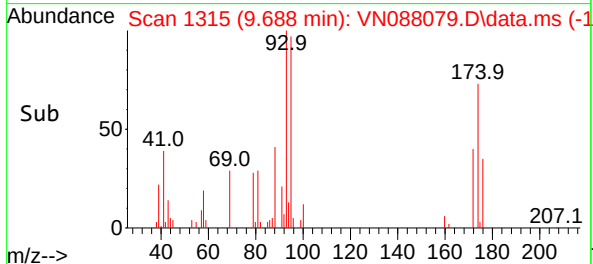
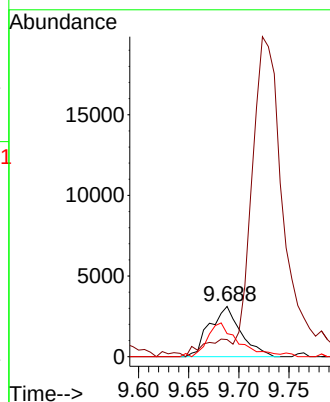
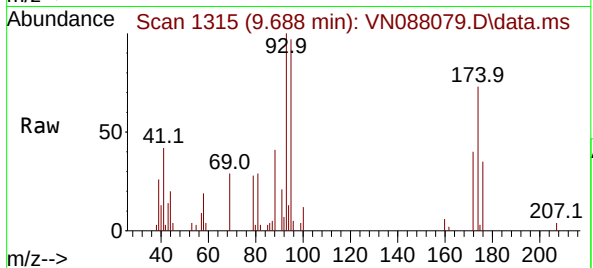
Tgt Ion: 88 Resp: 6763

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 68.0 57.9 86.9



#50

Toluene-d8

Concen: 4.956 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088079.D

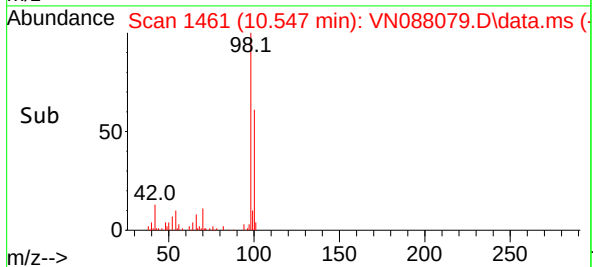
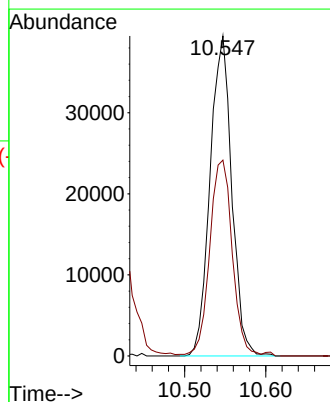
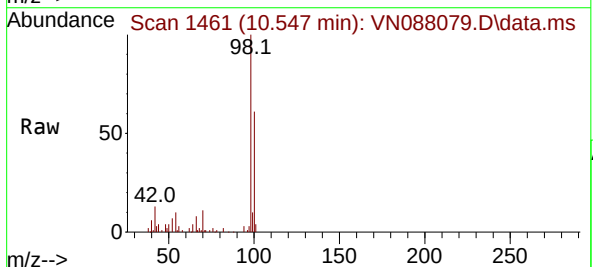
Acq: 23 Oct 2025 10:38

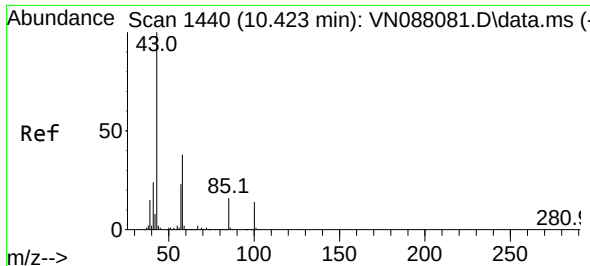
Tgt Ion: 98 Resp: 73162

Ion Ratio Lower Upper

98 100

100 62.4 52.8 79.2

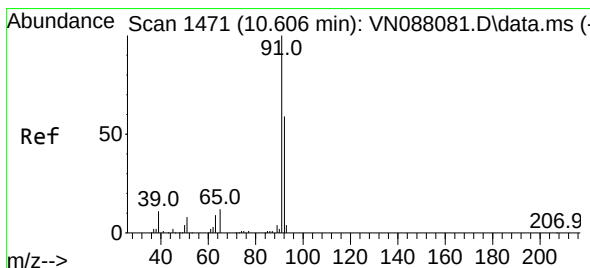
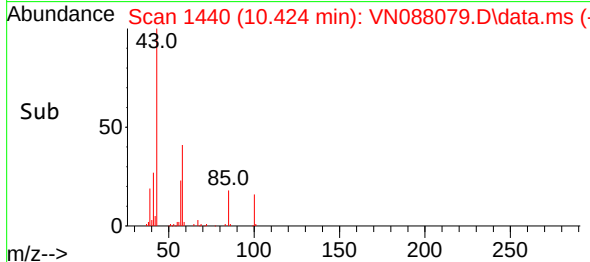
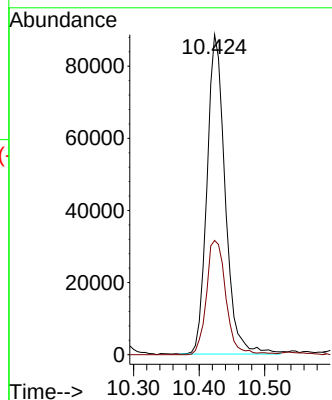
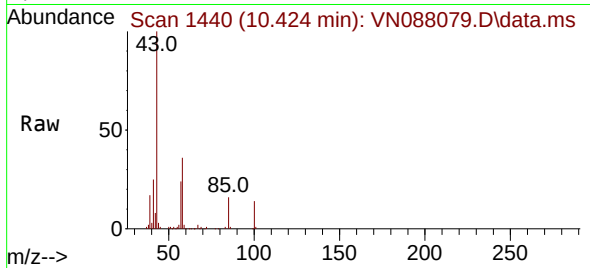




#51
4-Methyl-2-Pentanone
Concen: 26.055 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

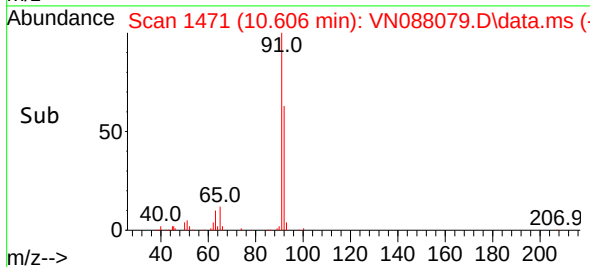
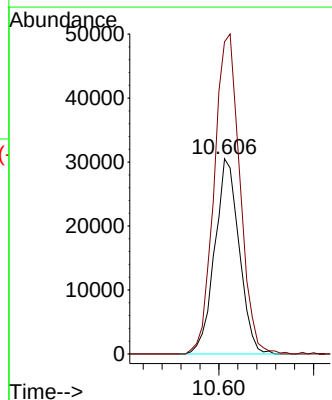
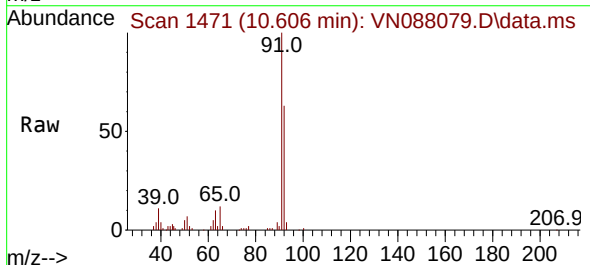
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

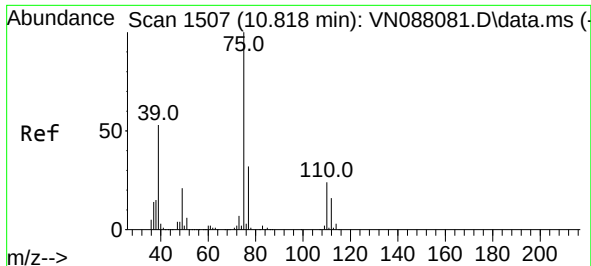
Tgt Ion: 43 Resp: 170979
Ion Ratio Lower Upper
43 100
58 38.4 29.6 44.4



#52
Toluene
Concen: 5.201 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 92 Resp: 54632
Ion Ratio Lower Upper
92 100
91 172.7 140.4 210.6

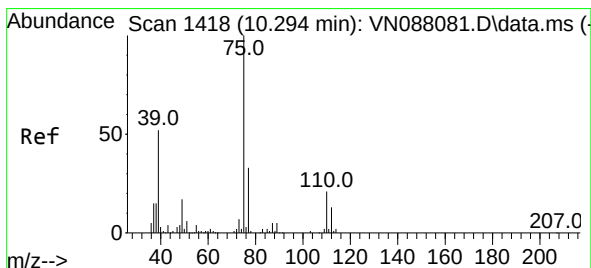
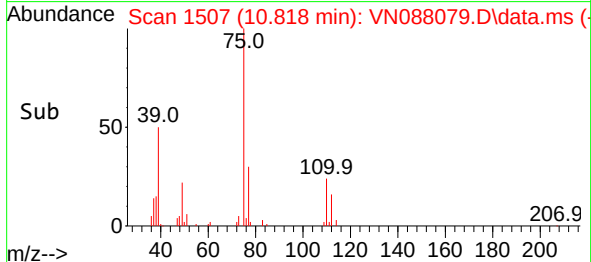
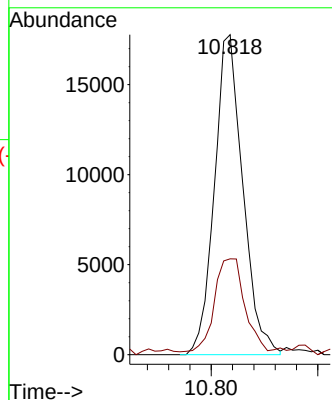
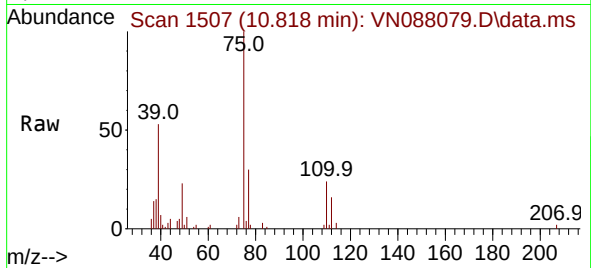




#53
t-1,3-Dichloropropene
Concen: 5.023 ug/l
RT: 10.818 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

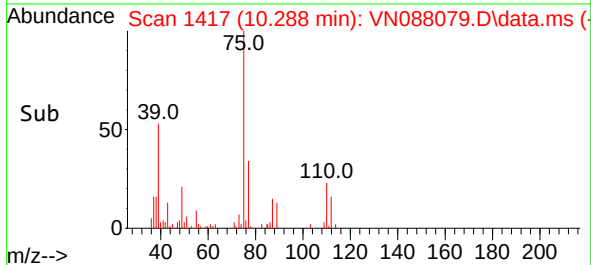
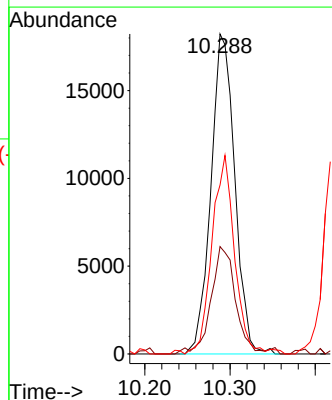
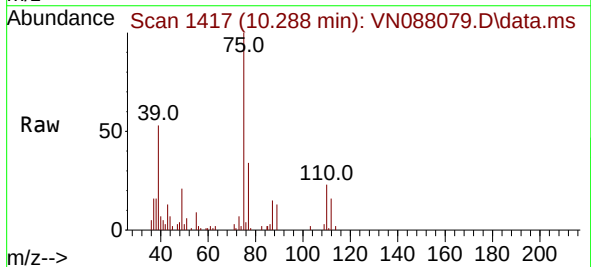
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

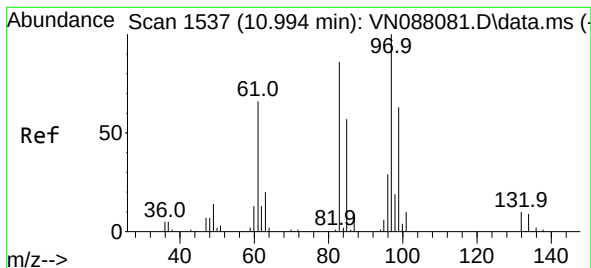
Tgt Ion: 75 Resp: 32833
Ion Ratio Lower Upper
75 100
77 29.1 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 5.118 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 75 Resp: 35495
Ion Ratio Lower Upper
75 100
77 33.5 24.6 37.0
39 51.8 45.2 67.8

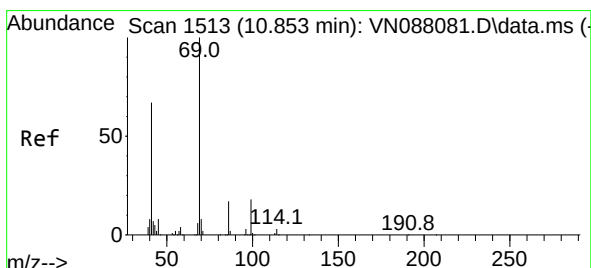
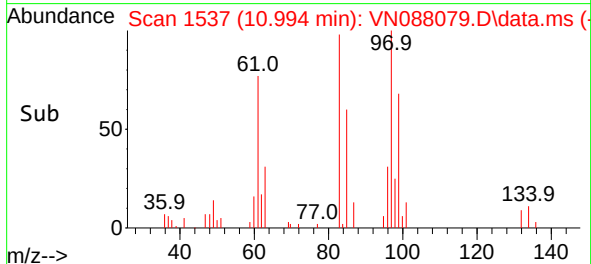
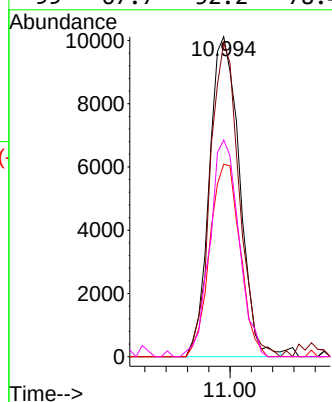
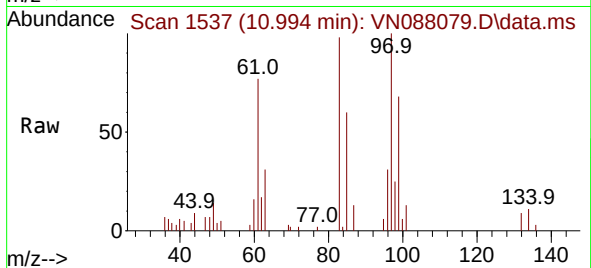




#55
1,1,2-Trichloroethane
Concen: 4.986 ug/l
RT: 10.994 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

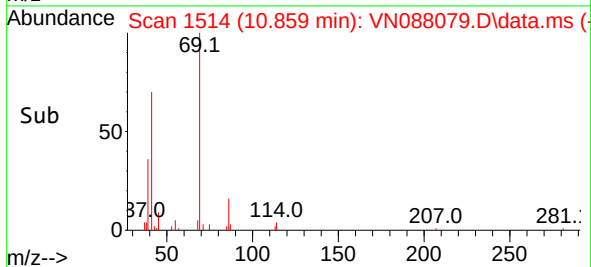
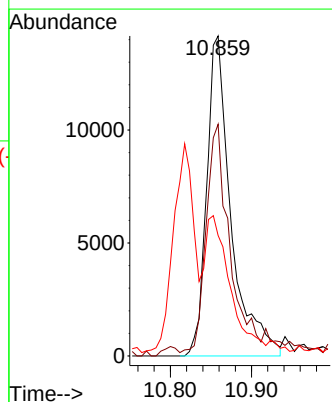
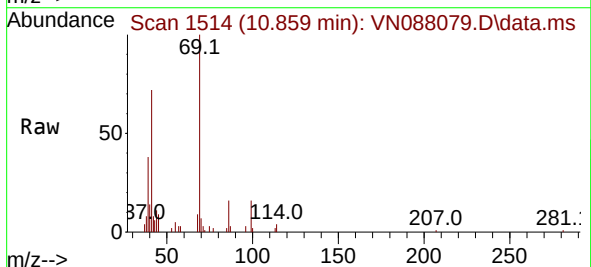
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

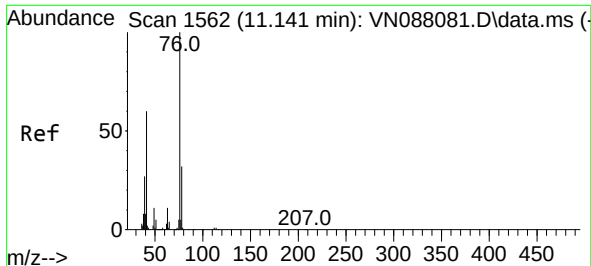
Tgt Ion:	97	Resp:	19869
Ion	Ratio	Lower	Upper
97	100		
83	98.1	68.2	102.4
85	60.1	45.5	68.3
99	67.7	52.2	78.4



#56
Ethyl methacrylate
Concen: 4.695 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion:	69	Resp:	29566
Ion	Ratio	Lower	Upper
69	100		
41	67.9	56.5	84.7
39	41.2	34.2	51.4





#57

1,3-Dichloropropane

Concen: 5.267 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

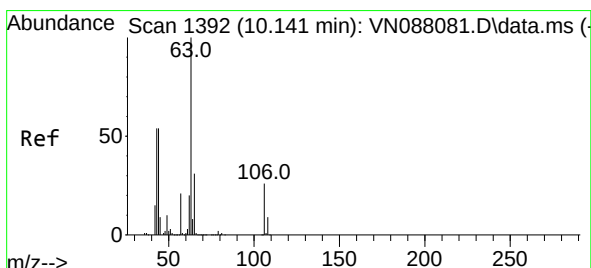
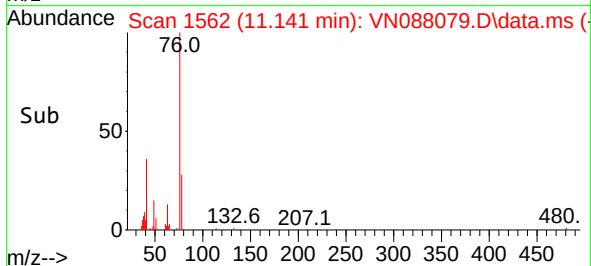
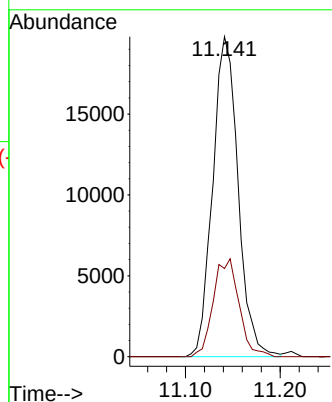
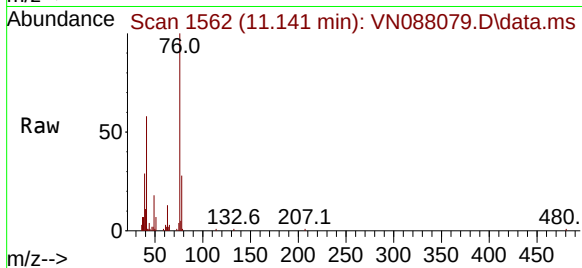
VSTDIC005

Tgt Ion: 76 Resp: 36892

Ion Ratio Lower Upper

76 100

78 31.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 23.808 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN088079.D

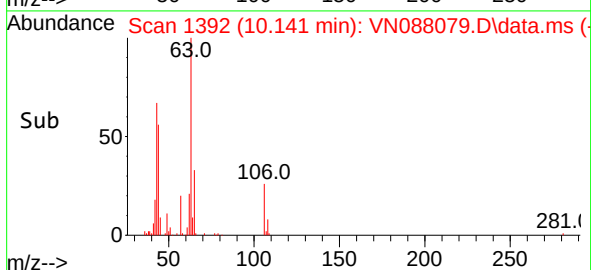
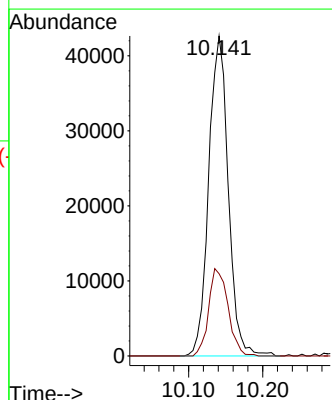
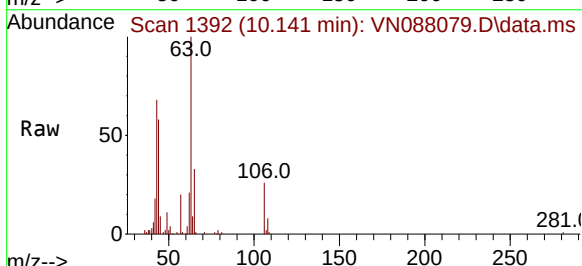
Acq: 23 Oct 2025 10:38

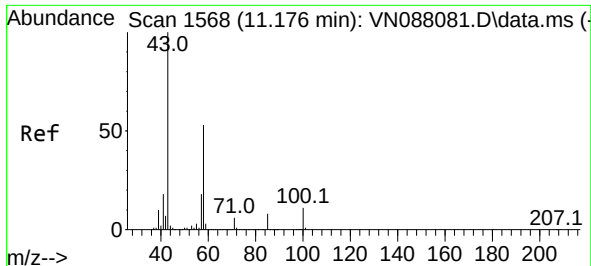
Tgt Ion: 63 Resp: 78095

Ion Ratio Lower Upper

63 100

106 27.1 21.1 31.7

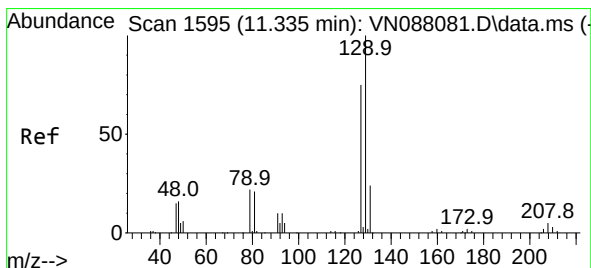
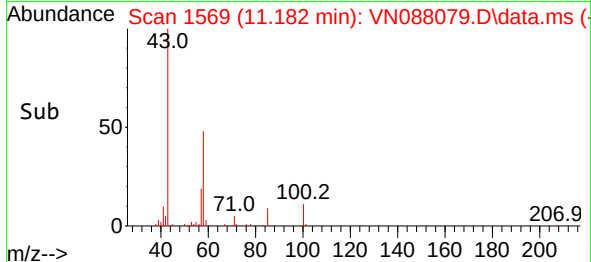
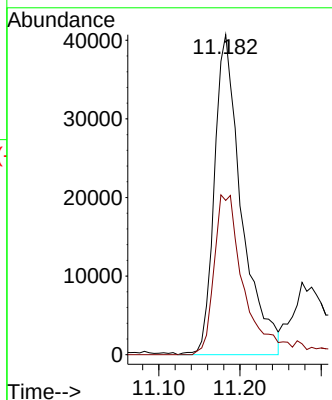
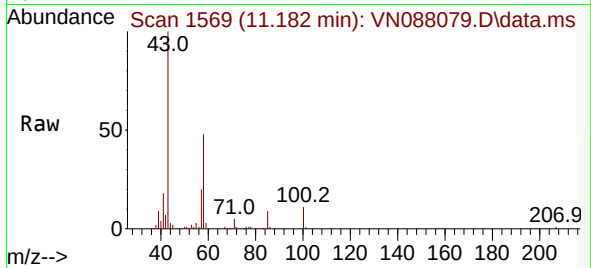




#59
2-Hexanone
Concen: 21.954 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

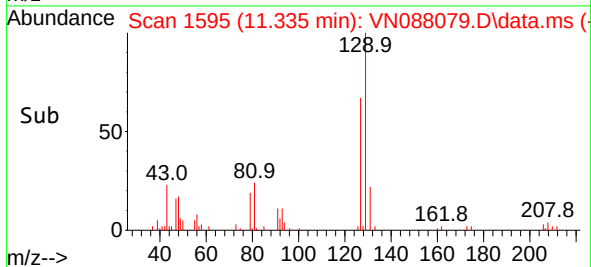
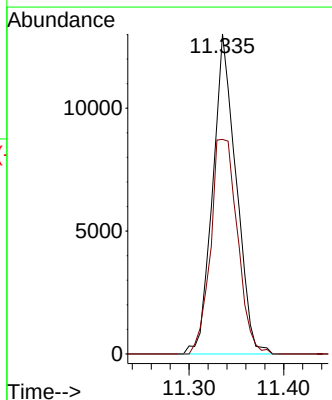
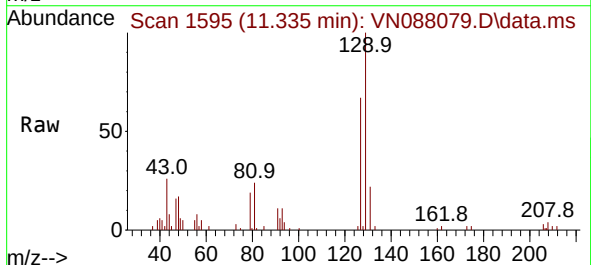
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

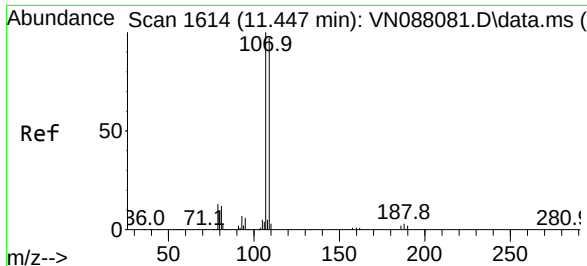
Tgt Ion: 43 Resp: 94577
Ion Ratio Lower Upper
43 100
58 54.3 25.9 77.8



#60
Dibromochloromethane
Concen: 4.934 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 129 Resp: 22347
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.3

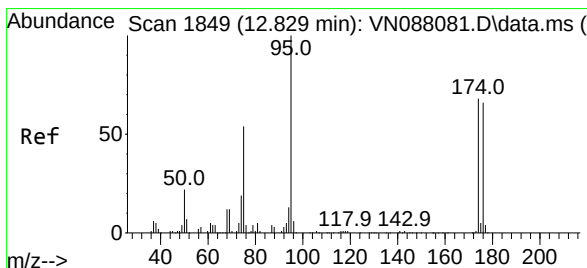
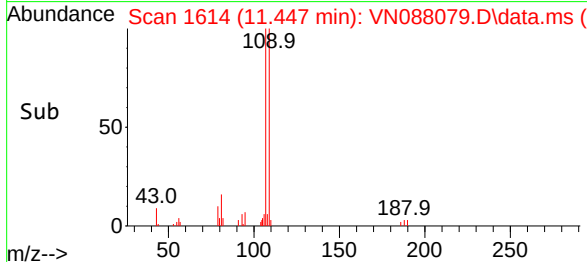
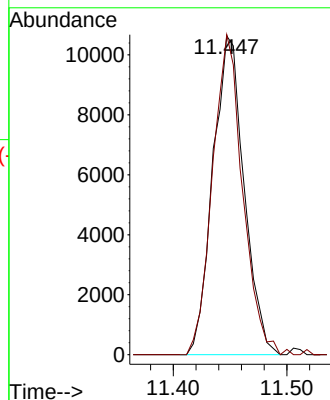
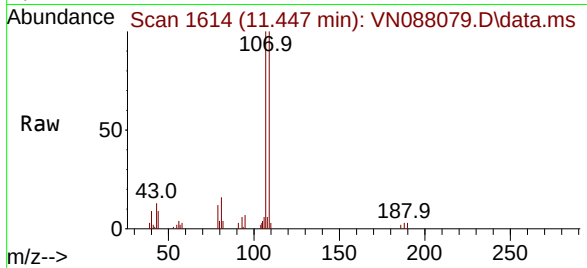




#61
1,2-Dibromoethane
Concen: 4.946 ug/l
RT: 11.447 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

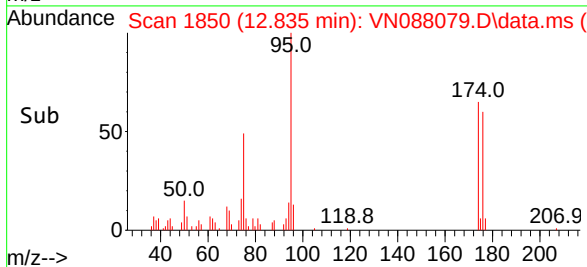
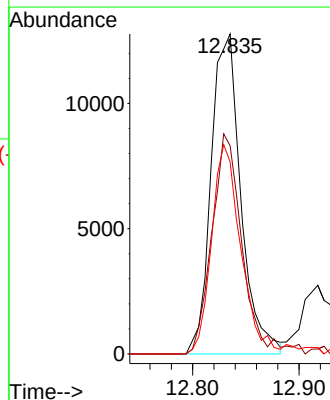
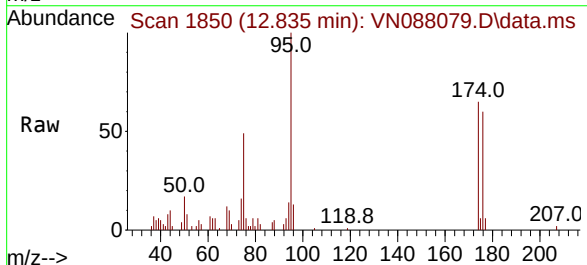
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

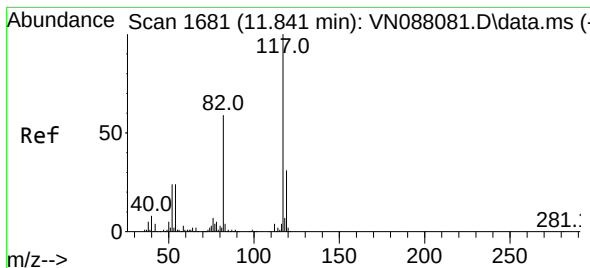
Tgt Ion:107 Resp: 20284
Ion Ratio Lower Upper
107 100
109 97.1 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 4.755 ug/l
RT: 12.835 min Scan# 1850
Delta R.T. 0.012 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 95 Resp: 24787
Ion Ratio Lower Upper
95 100
174 69.9 0.0 138.4
176 64.0 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.841 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

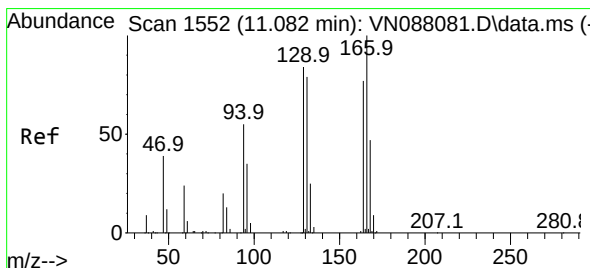
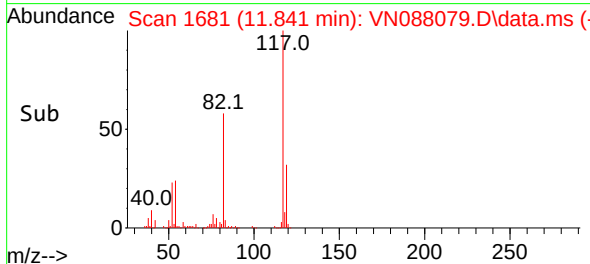
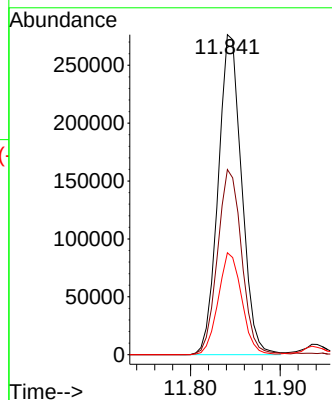
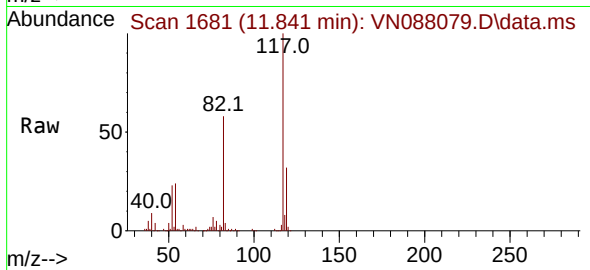
Tgt Ion:117 Resp: 502295

Ion Ratio Lower Upper

117 100

82 57.9 47.4 71.2

119 31.8 24.3 36.5



#64

Tetrachloroethene

Concen: 5.218 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.000 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Tgt Ion:164 Resp: 17289

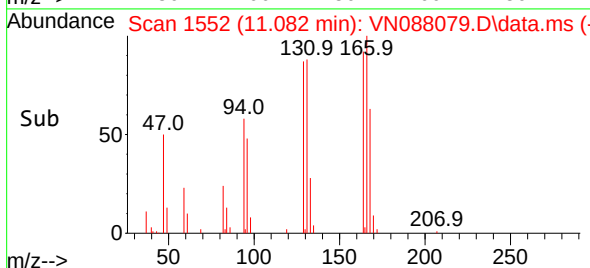
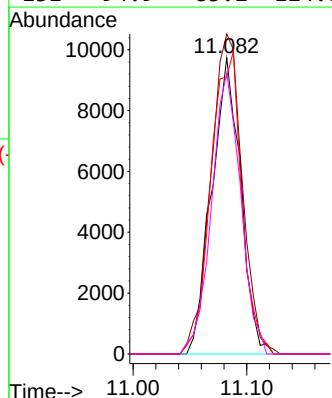
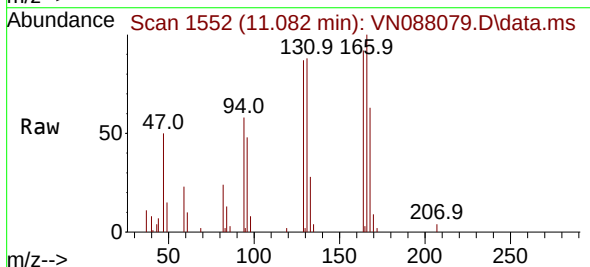
Ion Ratio Lower Upper

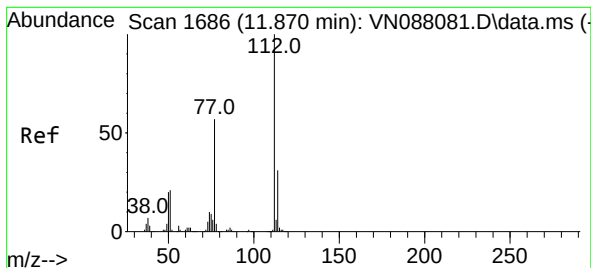
164 100

166 108.1 97.7 146.5

129 93.6 85.9 128.9

131 94.9 83.2 124.8





#65

Chlorobenzene

Concen: 5.322 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

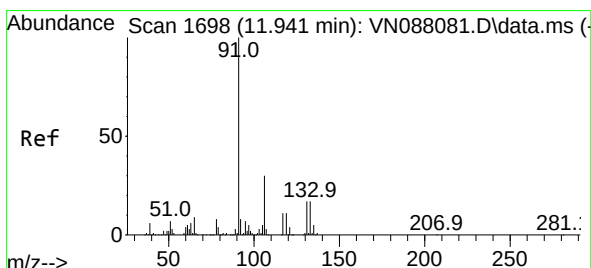
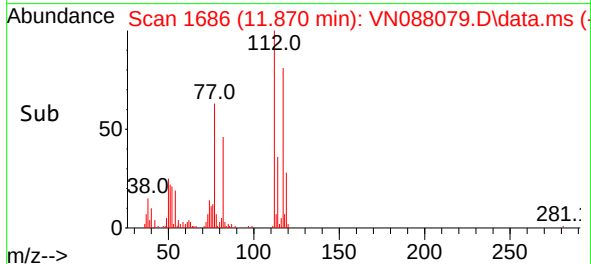
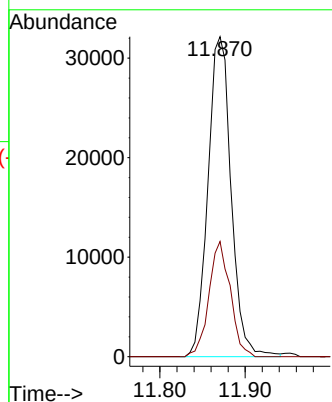
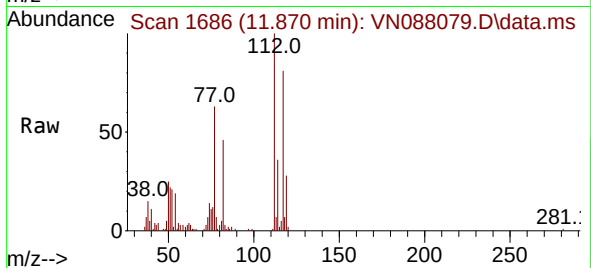
VSTDIC005

Tgt Ion:112 Resp: 60700

Ion Ratio Lower Upper

112 100

114 36.0 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 5.171 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

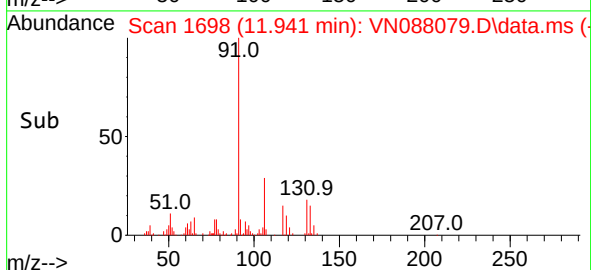
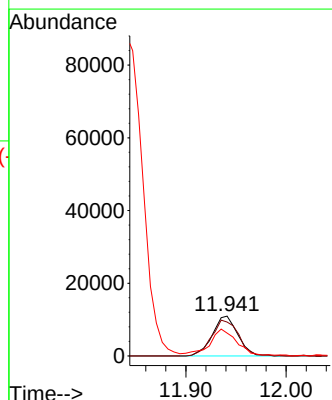
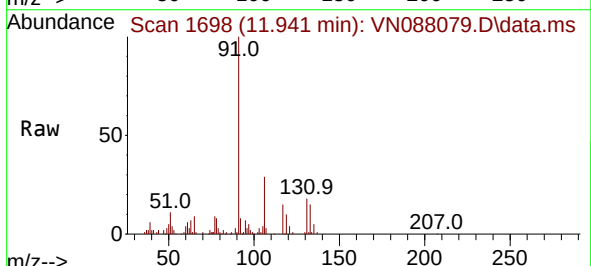
Tgt Ion:131 Resp: 19321

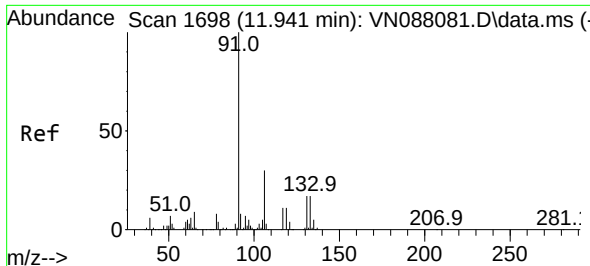
Ion Ratio Lower Upper

131 100

133 95.5 48.0 144.0

119 74.1 32.6 97.7





#67

Ethyl Benzene

Concen: 5.183 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

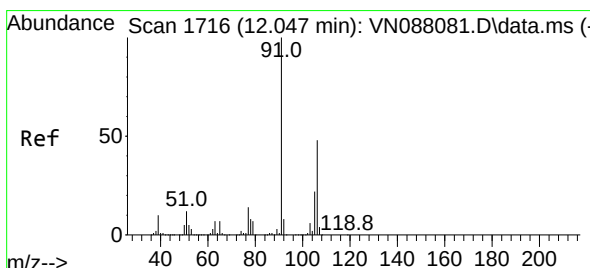
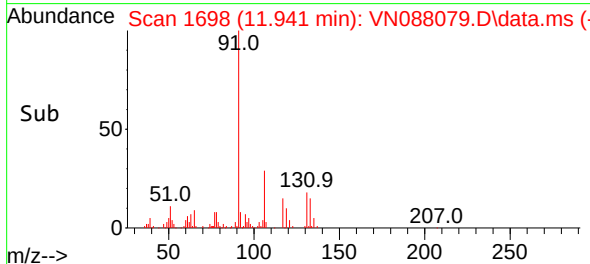
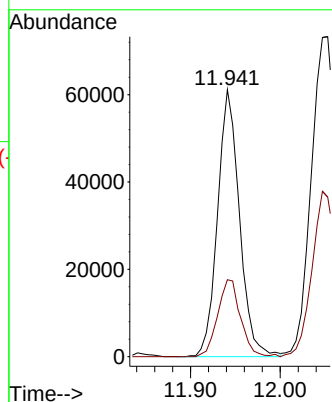
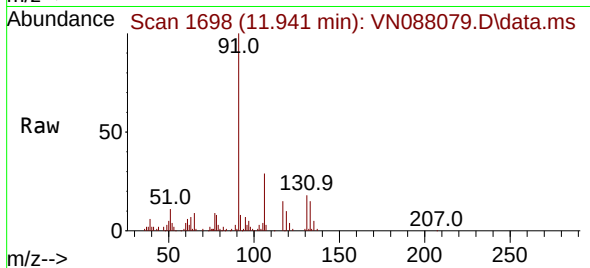
VSTDICC005

Tgt Ion: 91 Resp: 103756

Ion Ratio Lower Upper

91 100

106 28.8 24.1 36.1



#68

m/p-Xylenes

Concen: 10.363 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VN088079.D

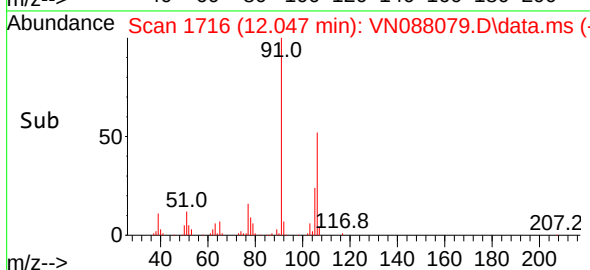
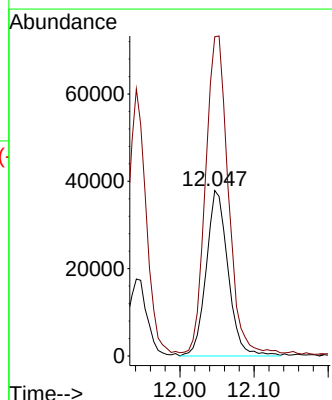
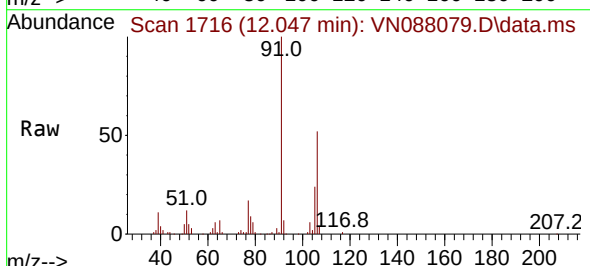
Acq: 23 Oct 2025 10:38

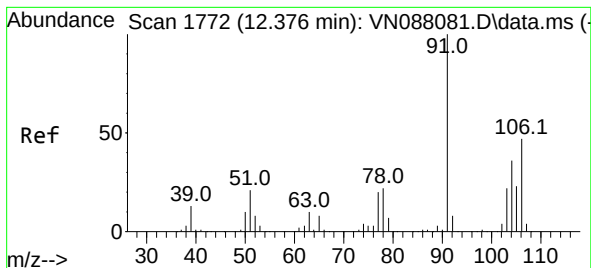
Tgt Ion: 106 Resp: 77736

Ion Ratio Lower Upper

106 100

91 198.9 169.3 253.9





#69

o-Xylene

Concen: 5.239 ug/l

RT: 12.382 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

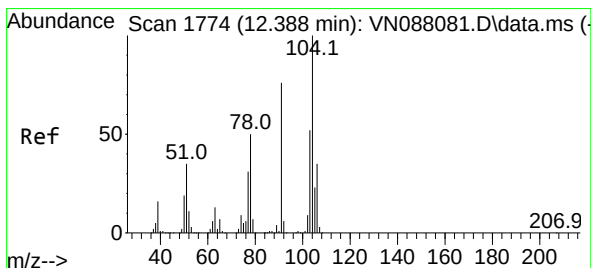
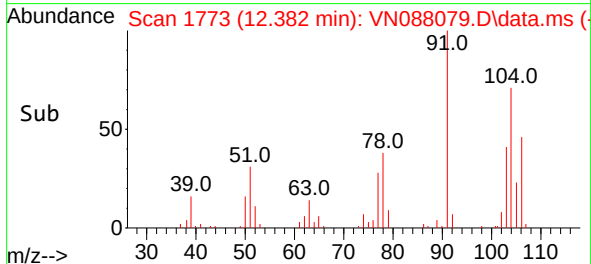
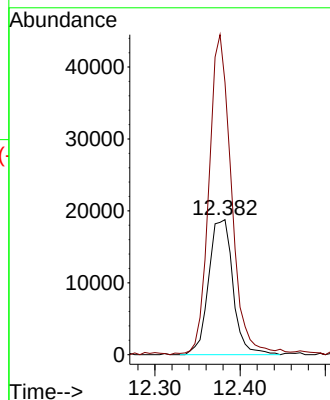
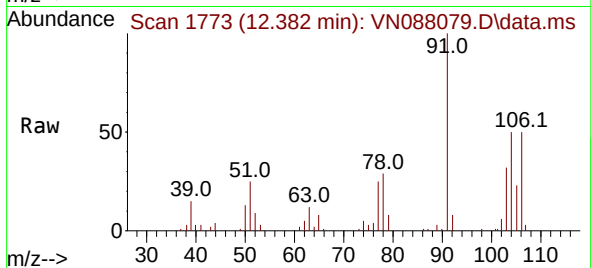
VSTDIC005

Tgt Ion:106 Resp: 37251

Ion Ratio Lower Upper

106 100

91 219.4 111.4 334.2



#70

Styrene

Concen: 5.215 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

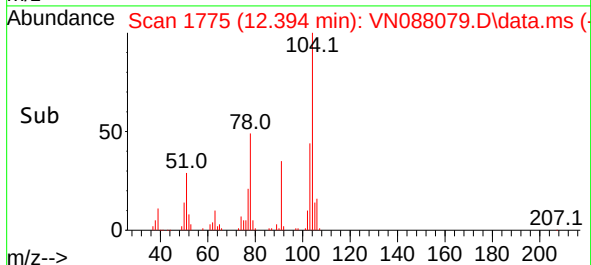
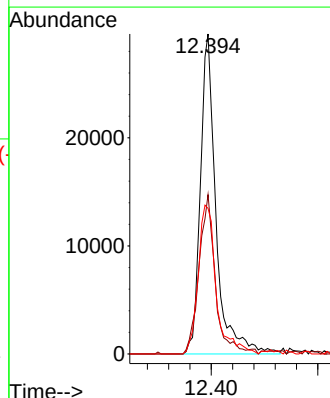
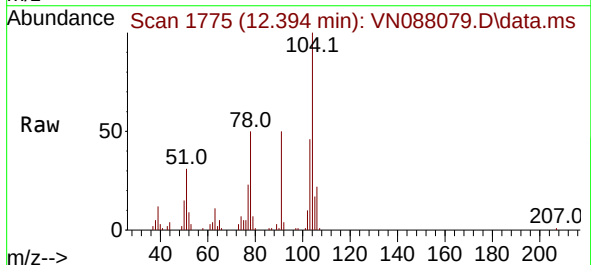
Tgt Ion:104 Resp: 60467

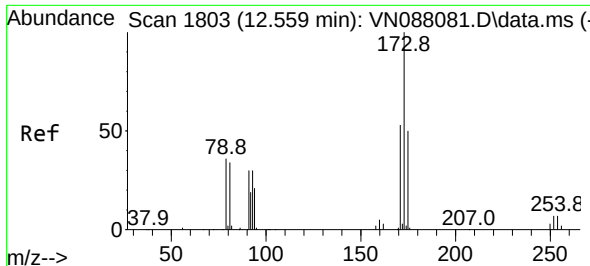
Ion Ratio Lower Upper

104 100

78 51.1 42.2 63.2

103 53.5 43.4 65.2

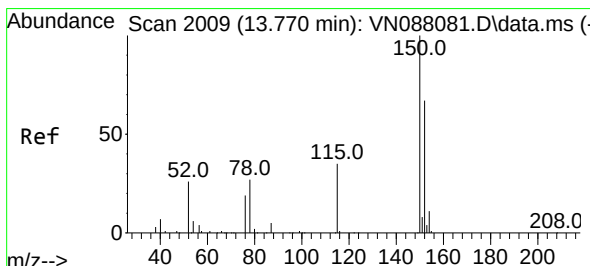
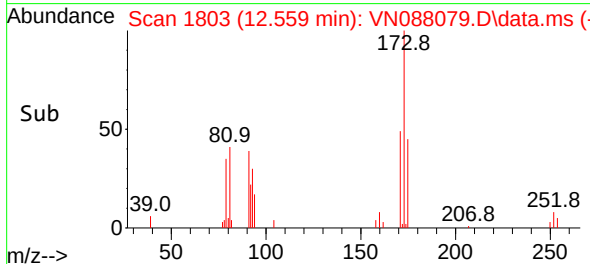
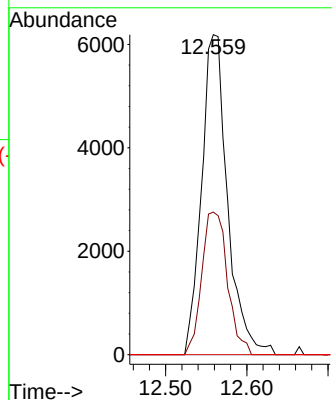
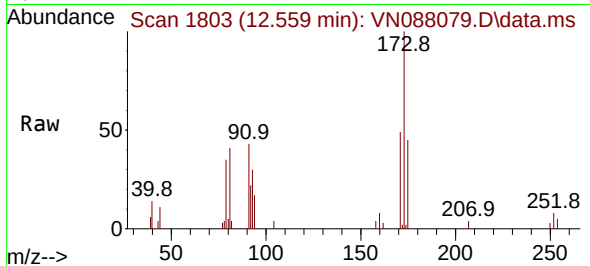




#71
Bromoform
Concen: 4.929 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

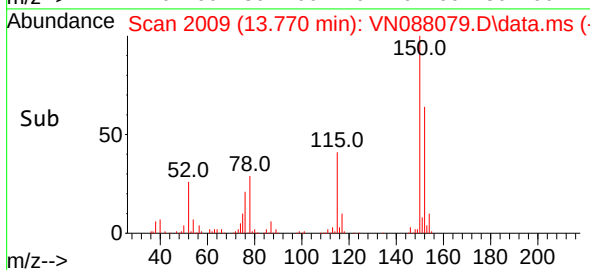
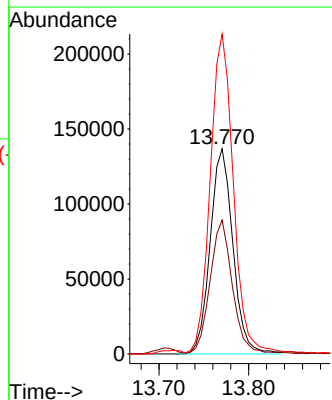
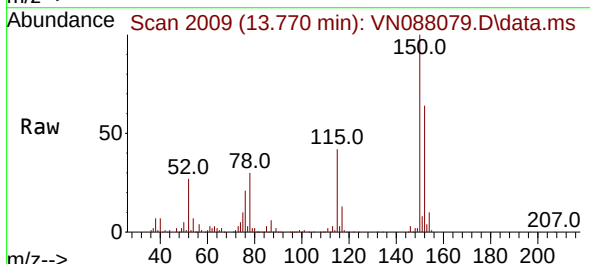
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

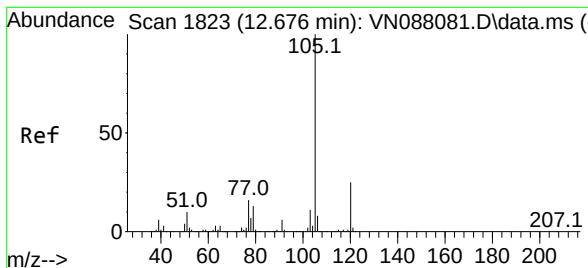
Tgt Ion:173 Resp: 13744
Ion Ratio Lower Upper
173 100
175 44.2 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion:152 Resp: 241248
Ion Ratio Lower Upper
152 100
115 63.6 32.3 96.8
150 158.0 0.0 351.0





#73

Isopropylbenzene

Concen: 5.001 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.006 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

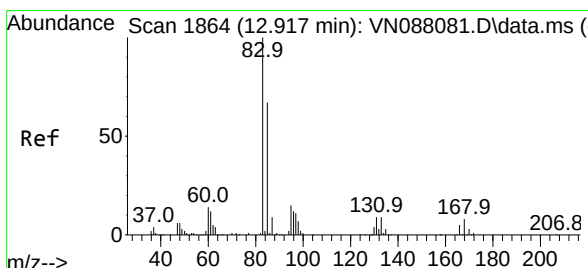
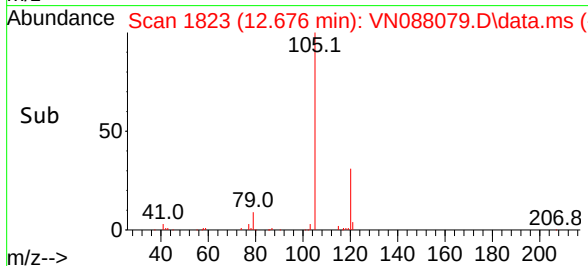
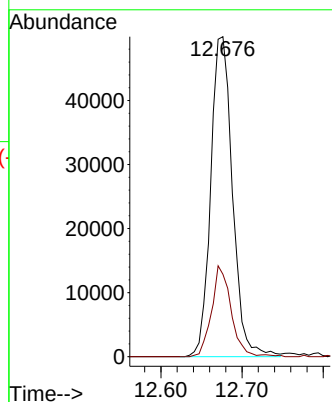
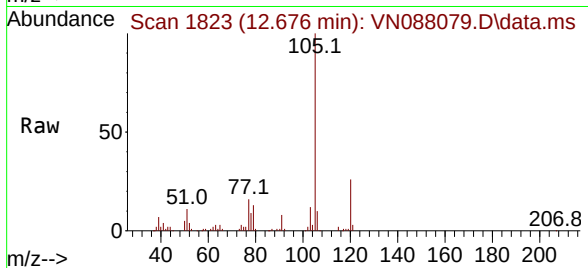
VSTDIC005

Tgt Ion:105 Resp: 93056

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.3



#75

1,1,2,2-Tetrachloroethane

Concen: 5.239 ug/l

RT: 12.917 min Scan# 1864

Delta R.T. -0.000 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

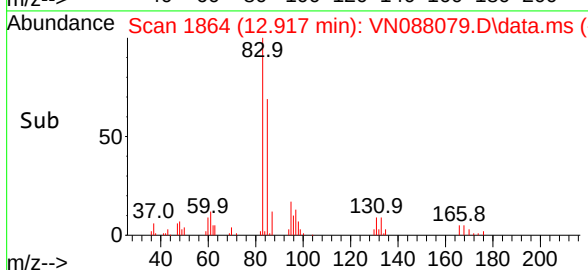
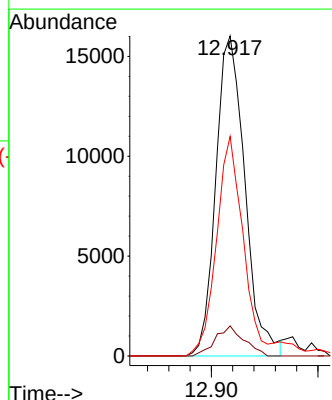
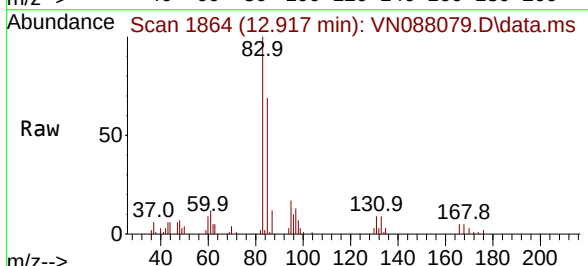
Tgt Ion: 83 Resp: 30348

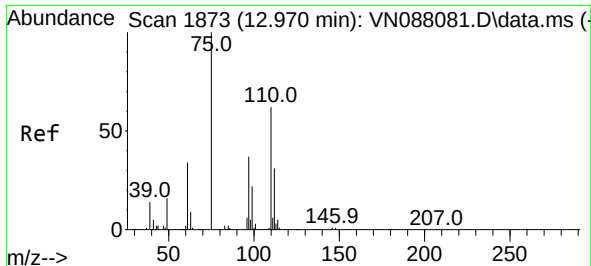
Ion Ratio Lower Upper

83 100

131 9.2 4.8 14.4

85 62.5 32.1 96.3

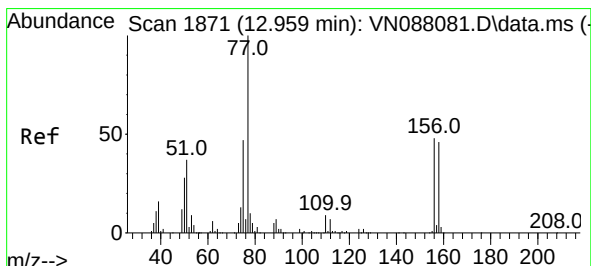
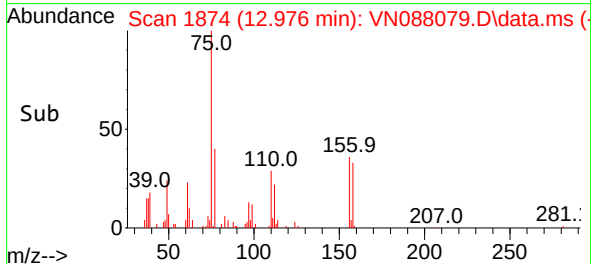
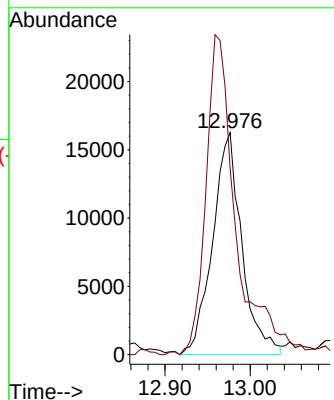
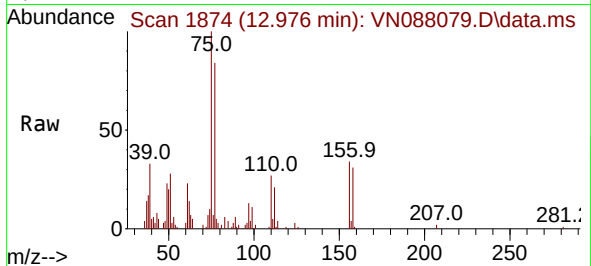




#76
1,2,3-Trichloropropane
Concen: 7.515 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

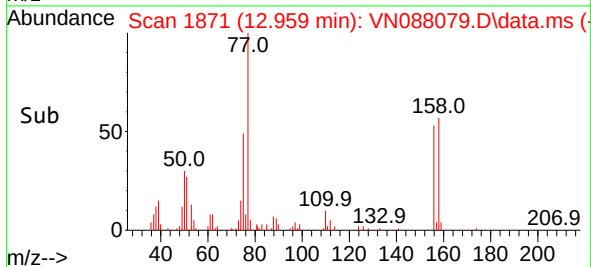
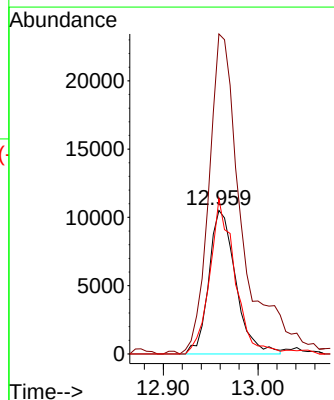
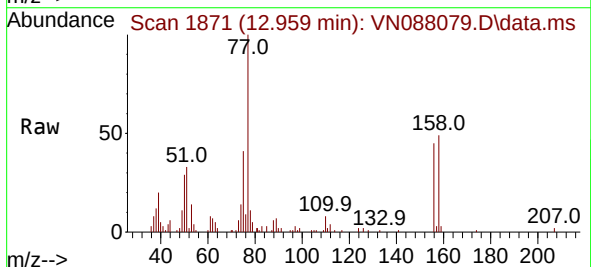
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

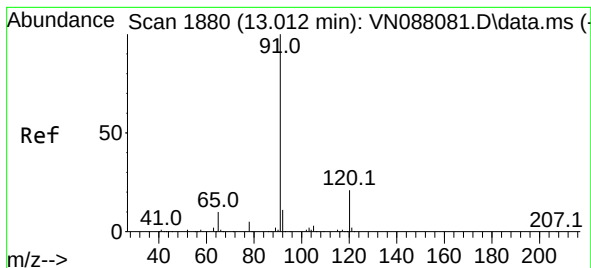
Tgt Ion: 75 Resp: 38810
Ion Ratio Lower Upper
75 100
77 147.9 89.1 267.4



#77
Bromobenzene
Concen: 5.164 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion:156 Resp: 20721
Ion Ratio Lower Upper
156 100
77 276.9 119.3 358.0
158 101.3 48.2 144.6





#78

n-propylbenzene

Concen: 5.158 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

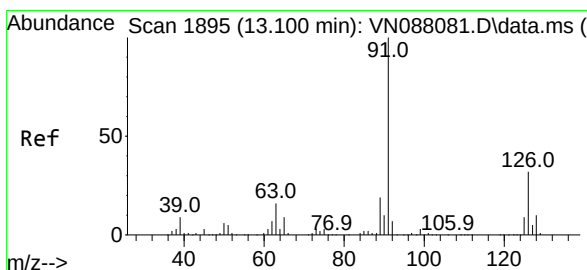
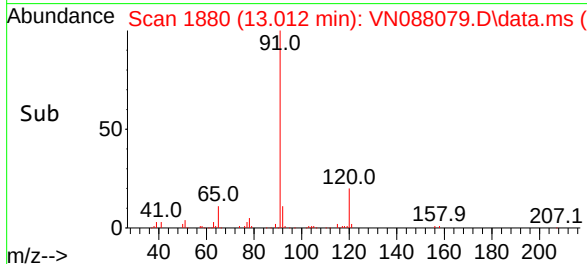
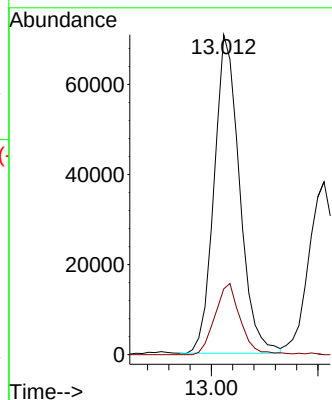
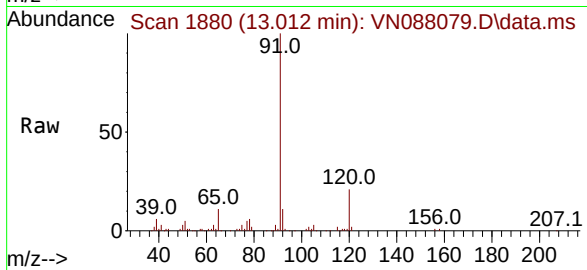
VSTDIC005

Tgt Ion: 91 Resp: 117114

Ion Ratio Lower Upper

91 100

120 22.3 10.7 32.1



#79

2-Chlorotoluene

Concen: 5.278 ug/l

RT: 13.106 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VN088079.D

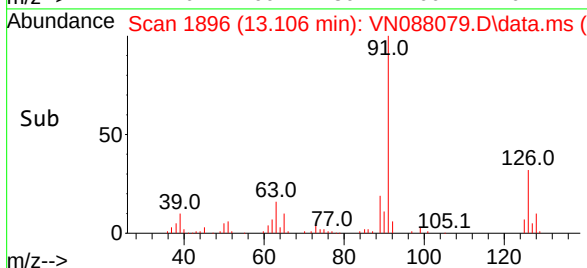
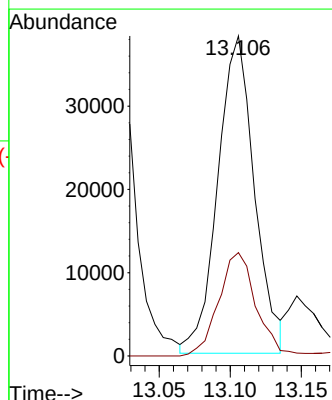
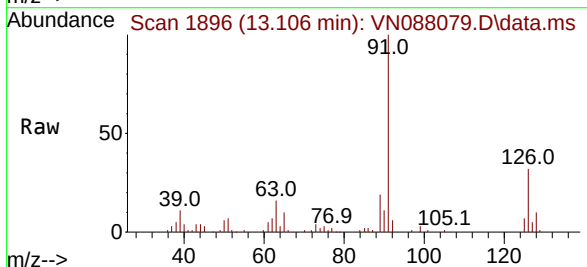
Acq: 23 Oct 2025 10:38

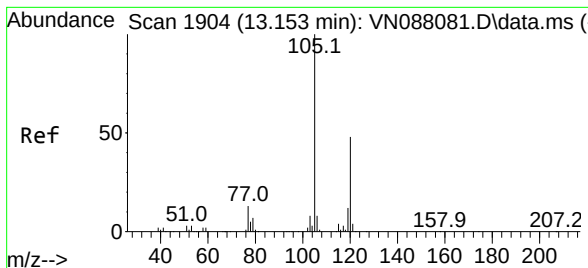
Tgt Ion: 91 Resp: 68350

Ion Ratio Lower Upper

91 100

126 33.4 16.1 48.3

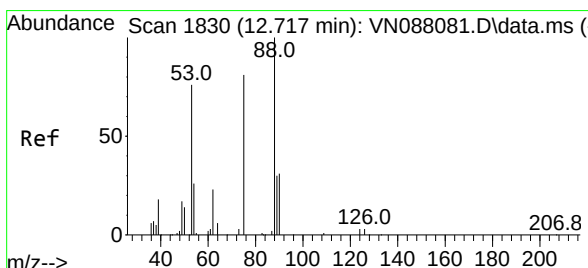
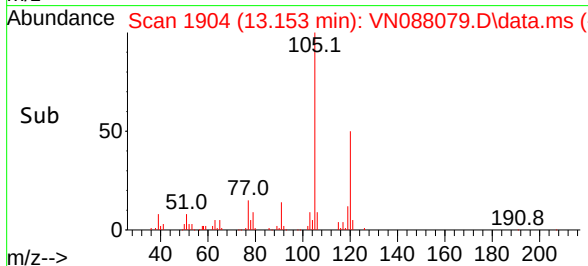
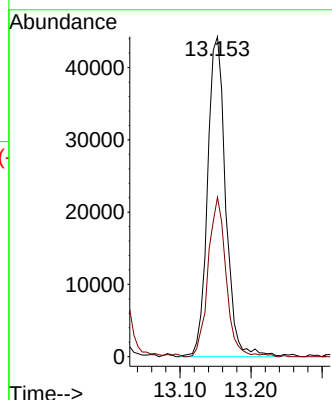
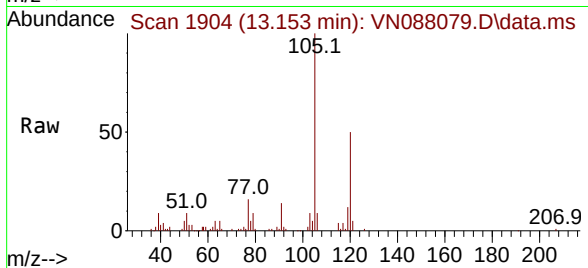




#80
1,3,5-Trimethylbenzene
Concen: 5.081 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

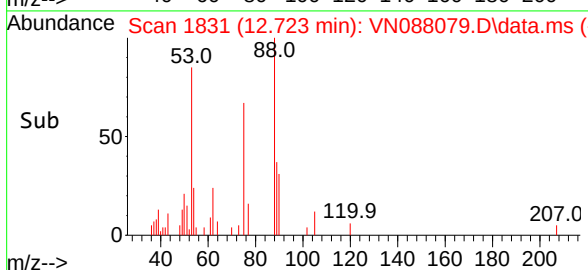
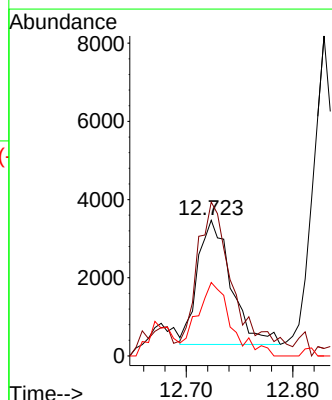
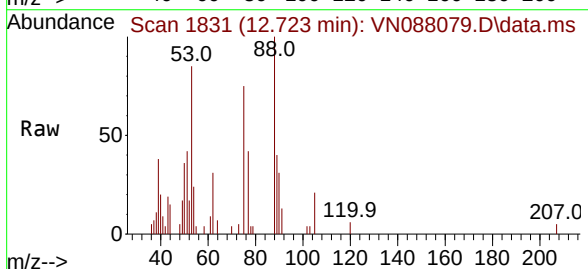
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

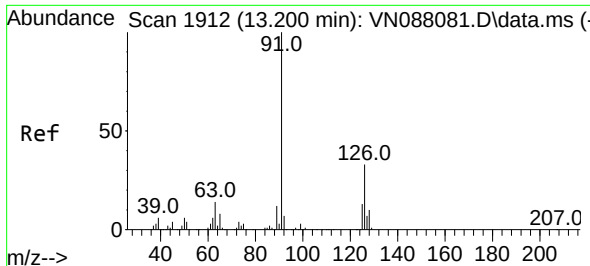
Tgt Ion:105 Resp: 78511
Ion Ratio Lower Upper
105 100
120 49.4 23.2 69.6



#81
trans-1,4-Dichloro-2-butene
Concen: 3.531 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 75 Resp: 6999
Ion Ratio Lower Upper
75 100
53 128.2 101.8 152.6
89 59.4 35.6 53.4#

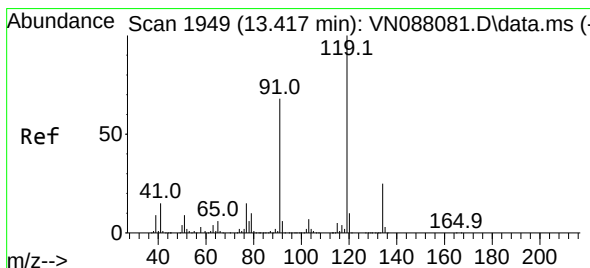
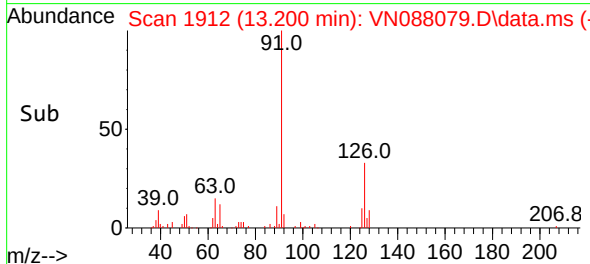
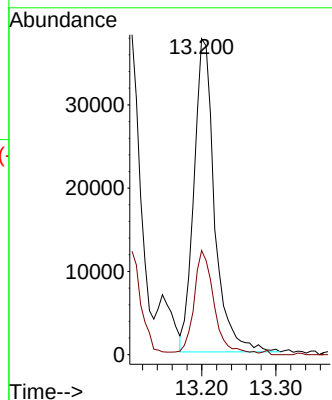
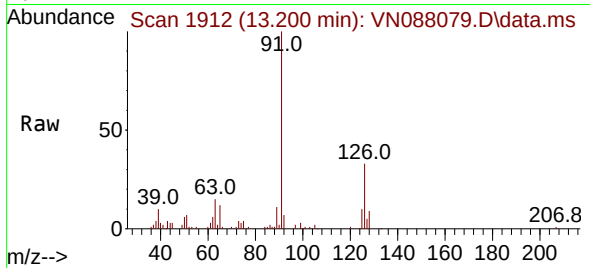




#82
4-Chlorotoluene
Concen: 5.199 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

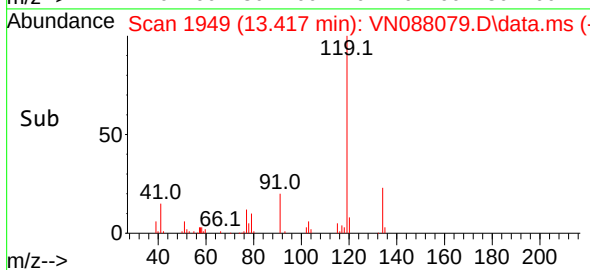
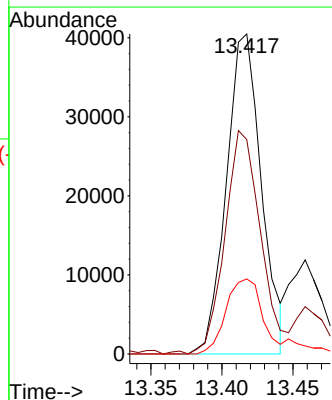
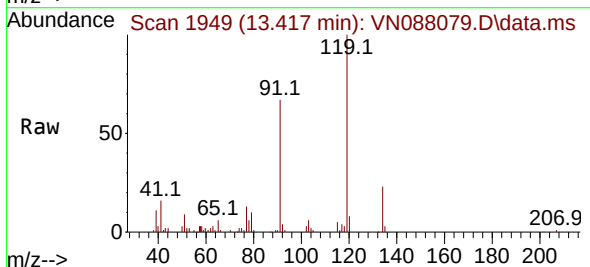
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

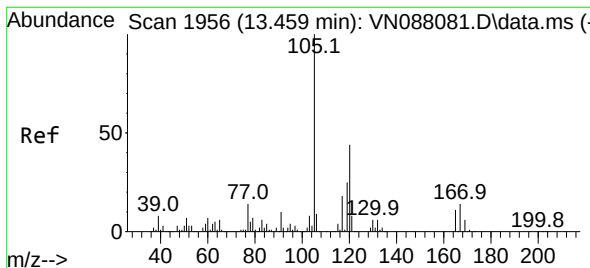
Tgt Ion: 91 Resp: 72836
Ion Ratio Lower Upper
91 100
126 31.4 15.6 46.8



#83
tert-Butylbenzene
Concen: 5.025 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 119 Resp: 69371
Ion Ratio Lower Upper
119 100
91 71.6 35.0 105.0
134 27.3 12.6 37.8





#84

1,2,4-Trimethylbenzene

Concen: 5.175 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

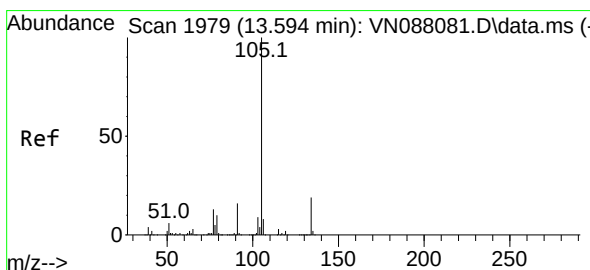
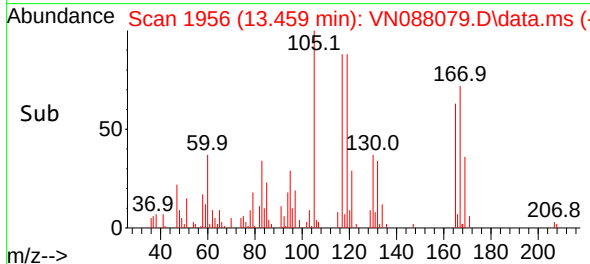
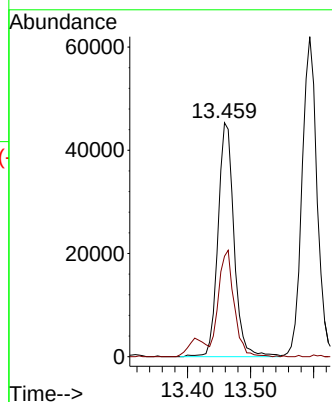
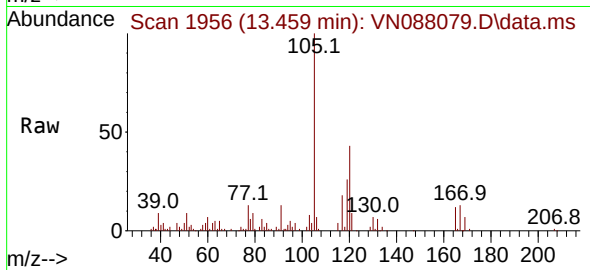
VSTDIC005

Tgt Ion:105 Resp: 80008

Ion Ratio Lower Upper

105 100

120 44.3 22.0 66.0



#85

sec-Butylbenzene

Concen: 5.083 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN088079.D

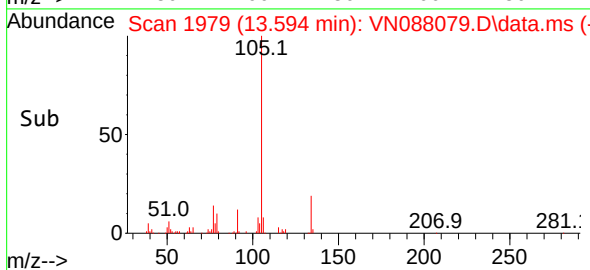
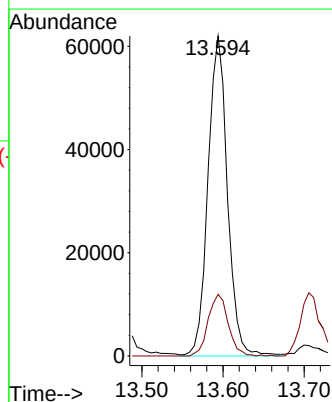
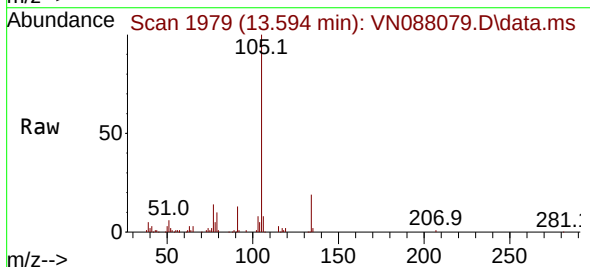
Acq: 23 Oct 2025 10:38

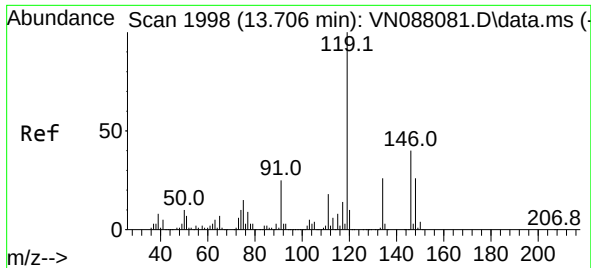
Tgt Ion:105 Resp: 103097

Ion Ratio Lower Upper

105 100

134 19.8 9.6 28.6

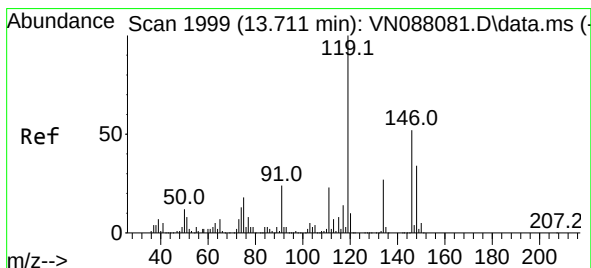
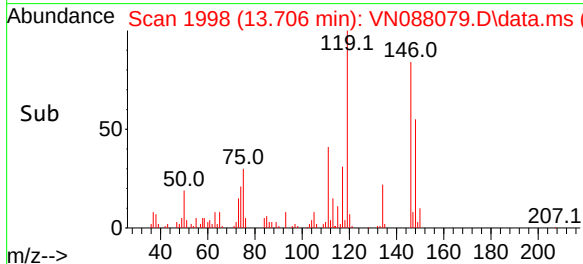
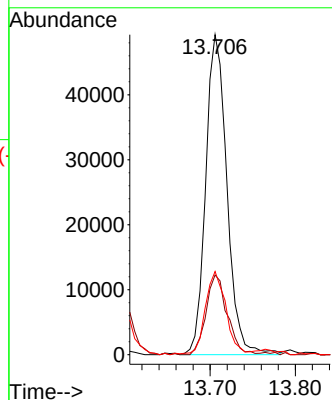
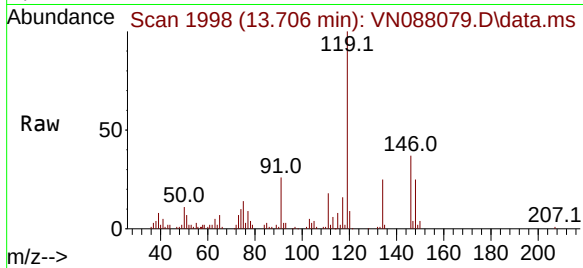




#86
 p-Isopropyltoluene
 Concen: 5.250 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088079.D
 Acq: 23 Oct 2025 10:38

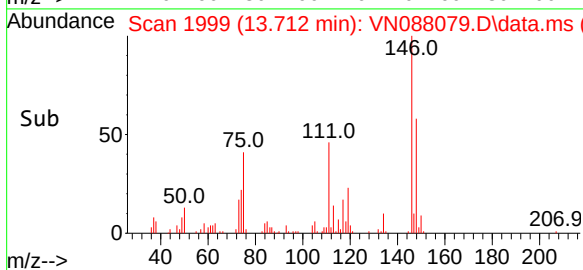
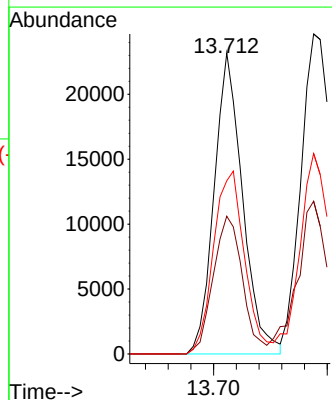
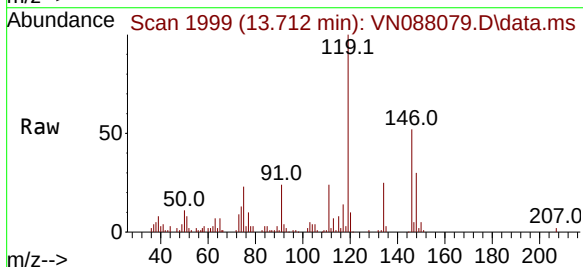
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

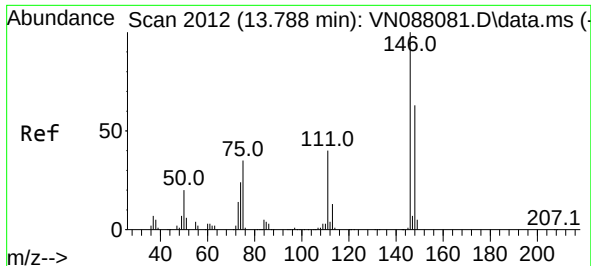
Tgt Ion:	119	Resp:	85421
Ion Ratio	Lower	Upper	
119	100		
134	24.8	12.7	38.0
91	25.4	12.5	37.5



#87
 1,3-Dichlorobenzene
 Concen: 5.039 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN088079.D
 Acq: 23 Oct 2025 10:38

Tgt Ion:	146	Resp:	40364
Ion Ratio	Lower	Upper	
146	100		
111	47.2	22.1	66.5
148	66.5	32.0	96.2

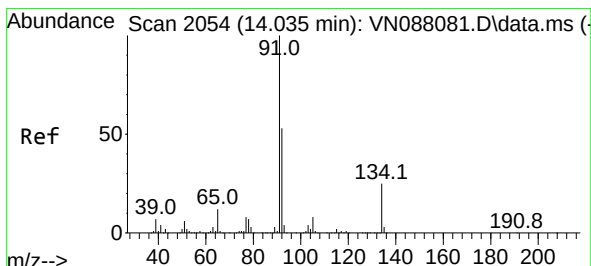
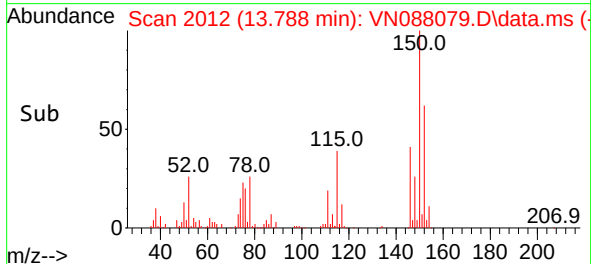
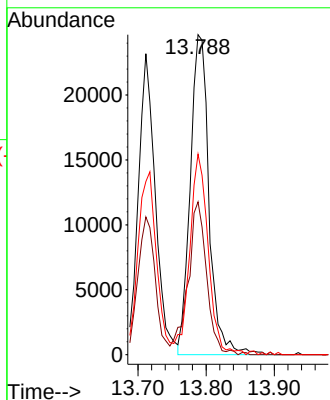
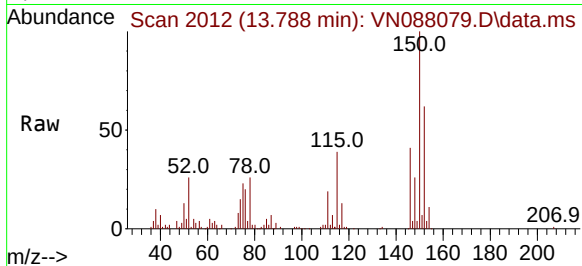




#88
1,4-Dichlorobenzene
Concen: 5.462 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

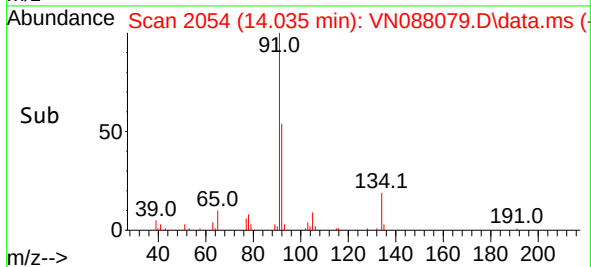
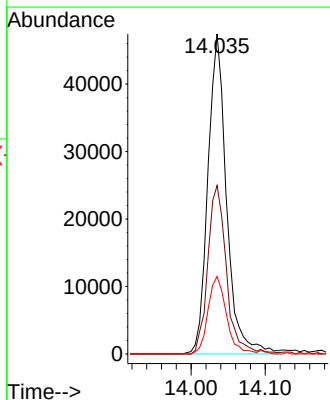
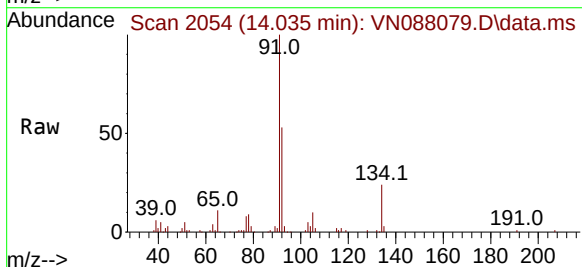
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

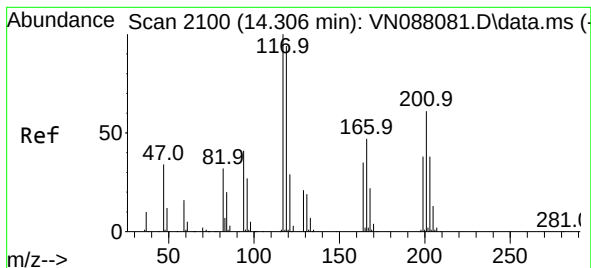
Tgt Ion:146 Resp: 47112
Ion Ratio Lower Upper
146 100
111 47.3 21.0 63.0
148 61.5 32.0 96.0



#89
n-Butylbenzene
Concen: 5.146 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 91 Resp: 82932
Ion Ratio Lower Upper
91 100
92 52.7 25.9 77.8
134 23.8 11.7 35.0





#90

Hexachloroethane

Concen: 5.202 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

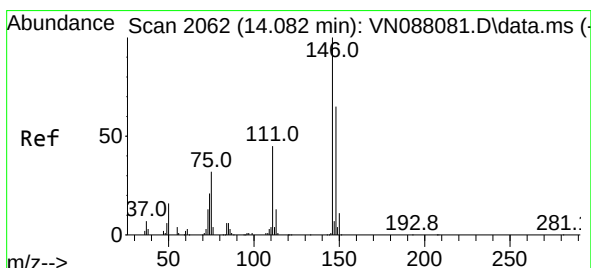
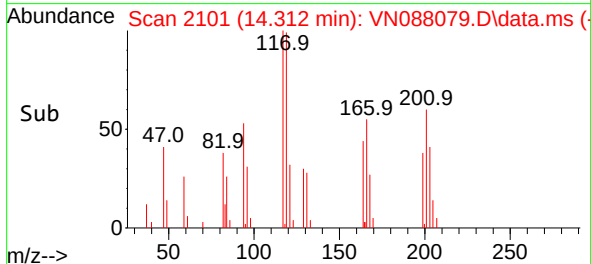
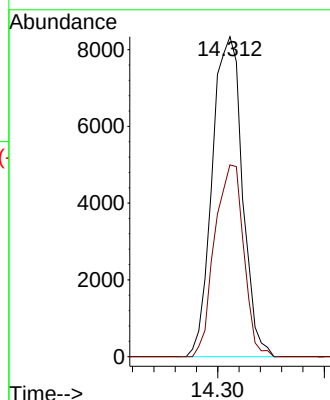
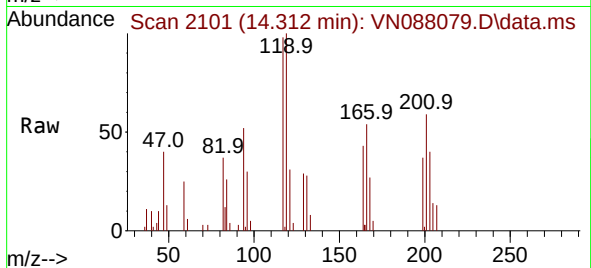
VSTDICC005

Tgt Ion:117 Resp: 16391

Ion Ratio Lower Upper

117 100

201 57.6 29.1 87.4



#91

1,2-Dichlorobenzene

Concen: 5.162 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

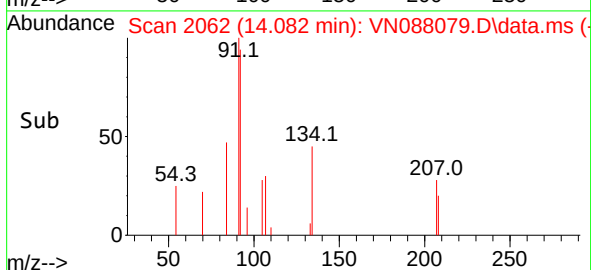
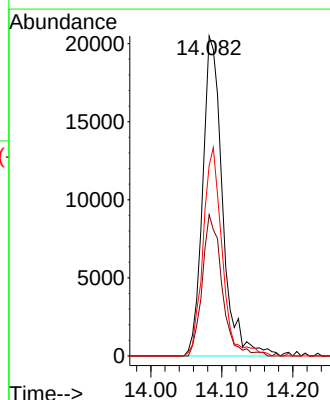
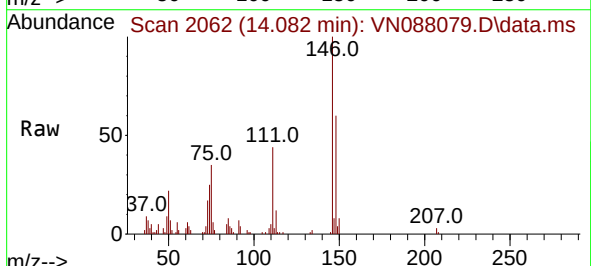
Tgt Ion:146 Resp: 39857

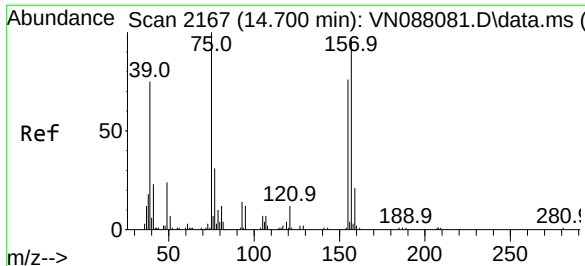
Ion Ratio Lower Upper

146 100

111 43.8 22.6 67.8

148 62.8 31.9 95.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 5.165 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

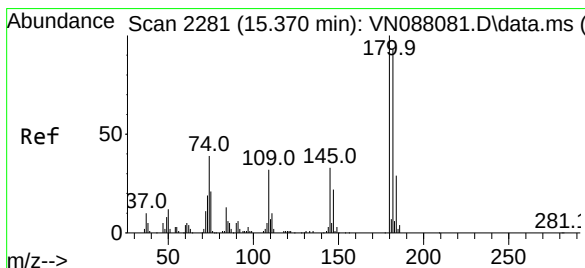
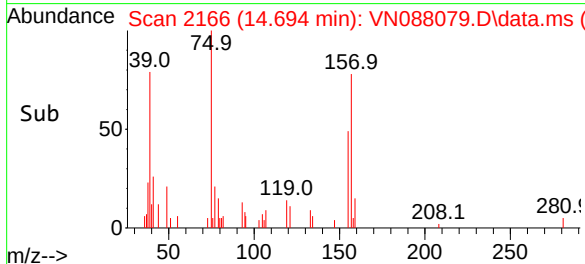
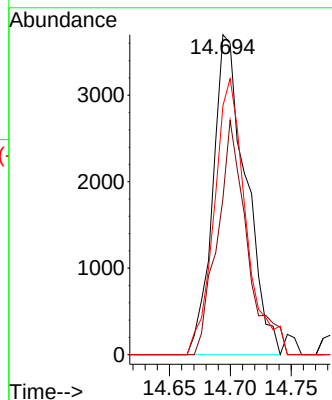
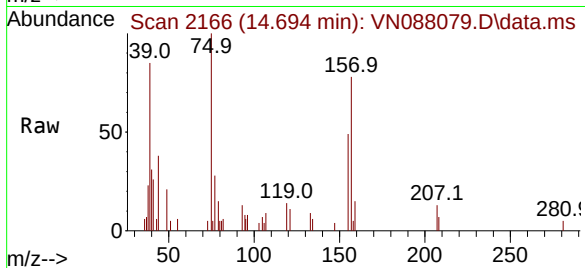
Tgt Ion: 75 Resp: 6964

Ion Ratio Lower Upper

75 100

155 66.1 36.6 109.9

157 83.5 45.6 136.9



#93

1,2,4-Trichlorobenzene

Concen: 5.036 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.006 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

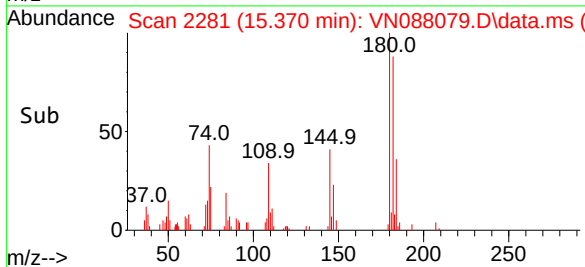
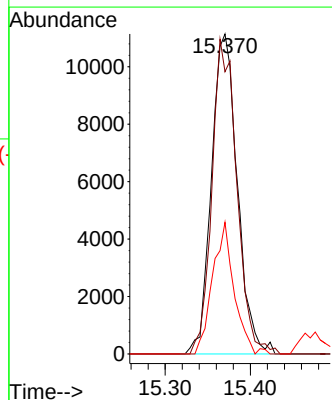
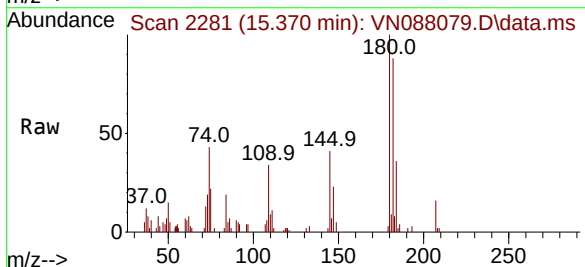
Tgt Ion: 180 Resp: 23547

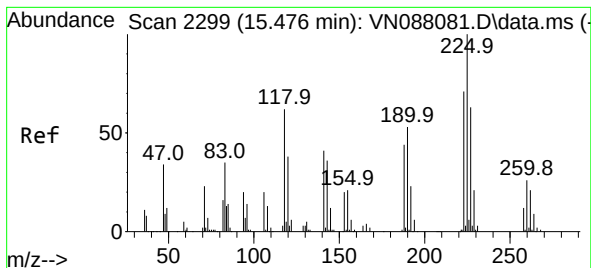
Ion Ratio Lower Upper

180 100

182 94.3 47.6 142.9

145 34.4 16.5 49.5





#94

Hexachlorobutadiene

Concen: 5.185 ug/l

RT: 15.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

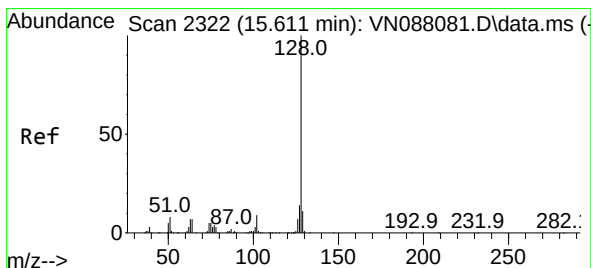
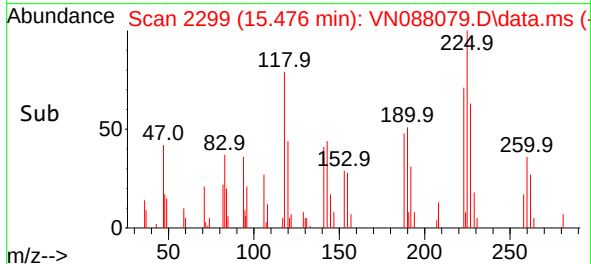
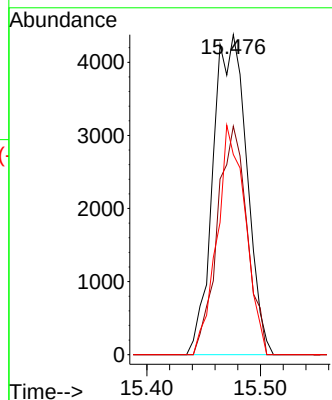
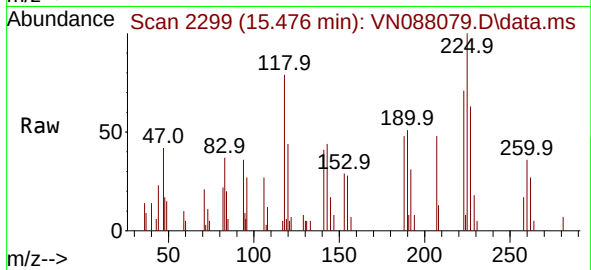
Tgt Ion:225 Resp: 9028

Ion Ratio Lower Upper

225 100

223 62.8 32.0 96.2

227 60.4 32.1 96.5



#95

Naphthalene

Concen: 4.684 ug/l

RT: 15.617 min Scan# 2323

Delta R.T. 0.006 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

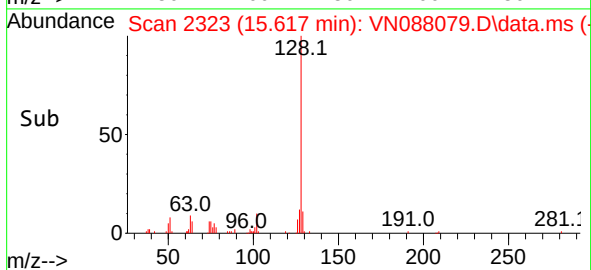
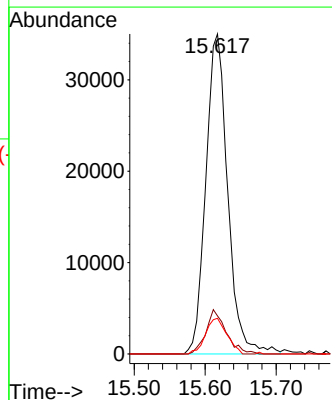
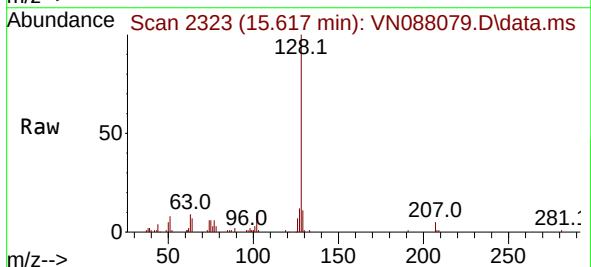
Tgt Ion:128 Resp: 75031

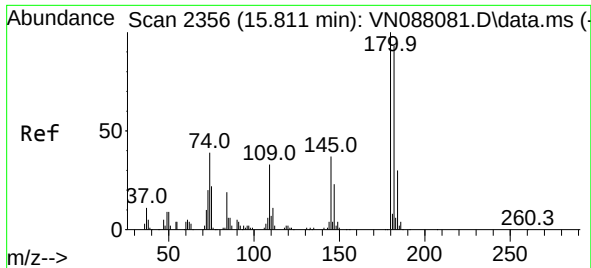
Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

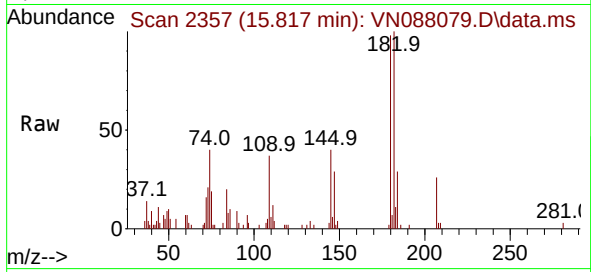
129 10.8 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 4.812 ug/l
 RT: 15.817 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN088079.D
 Acq: 23 Oct 2025 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:	180	Resp:	21577
Ion	Ratio	Lower	Upper
180	100		
182	99.0	46.8	140.3
145	39.3	17.3	52.0

