

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
 Data File : VN088414.D
 Acq On : 02 Dec 2025 17:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 03 01:29:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	219938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	419102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	380921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	191653	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	229234	55.328	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.660%	
35) Dibromofluoromethane	8.147	113	149029	51.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.620%	
50) Toluene-d8	10.541	98	548446	50.752	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.500%	
62) 4-Bromofluorobenzene	12.823	95	193180	52.100	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.200%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.142	85	176992	53.577	ug/l 95
3) Chloromethane	2.383	50	189452	53.397	ug/l 98
4) Vinyl Chloride	2.536	62	192004	53.195	ug/l 99
5) Bromomethane	2.977	94	86084	49.553	ug/l 93
6) Chloroethane	3.142	64	127698	57.169	ug/l 98
7) Trichlorofluoromethane	3.518	101	273541	53.921	ug/l 95
8) Diethyl Ether	3.959	74	113221	59.462	ug/l 98
9) 1,1,2-Trichlorotrifluo...	4.371	101	142830	52.886	ug/l 98
10) Methyl Iodide	4.589	142	135082	50.526	ug/l 95
11) Tert butyl alcohol	5.512	59	177811	268.805	ug/l 100
12) 1,1-Dichloroethene	4.341	96	143464	53.466	ug/l 96
13) Acrolein	4.177	56	193856	306.108	ug/l 97
14) Allyl chloride	5.018	41	280616	56.423	ug/l 97
15) Acrylonitrile	5.706	53	560143	293.497	ug/l 99
16) Acetone	4.418	43	533583	356.103	ug/l 99
17) Carbon Disulfide	4.706	76	475035	54.176	ug/l 99
18) Methyl Acetate	5.012	43	265191	59.457	ug/l 97
19) Methyl tert-butyl Ether	5.783	73	614993	61.174	ug/l 99
20) Methylene Chloride	5.265	84	184189	57.454	ug/l 96
21) trans-1,2-Dichloroethene	5.771	96	171602	57.731	ug/l 99
22) Diisopropyl ether	6.653	45	652926	61.492	ug/l 95
23) Vinyl Acetate	6.588	43	2978359	348.153	ug/l 99
24) 1,1-Dichloroethane	6.553	63	351828	58.511	ug/l 99
25) 2-Butanone	7.465	43	781041	324.238	ug/l 98
26) 2,2-Dichloropropane	7.471	77	289454	55.770	ug/l 100
27) cis-1,2-Dichloroethene	7.471	96	204906	59.317	ug/l 100
28) Bromochloromethane	7.800	49	161018	53.755	ug/l 99
29) Tetrahydrofuran	7.824	42	519167	300.480	ug/l 99
30) Chloroform	7.947	83	358692	60.709	ug/l 97
31) Cyclohexane	8.241	56	273491	50.191	ug/l 98
32) 1,1,1-Trichloroethane	8.147	97	296692	57.111	ug/l 99
36) 1,1-Dichloropropene	8.353	75	233390	52.068	ug/l 99
37) Ethyl Acetate	7.541	43	322081	54.648	ug/l 99
38) Carbon Tetrachloride	8.341	117	245106	54.930	ug/l 100
39) Methylcyclohexane	9.576	83	236457	49.318	ug/l 95
40) Benzene	8.588	78	729473	55.449	ug/l 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	170884	58.540	ug/l	98
42) 1,2-Dichloroethane	8.653	62	297888	59.349	ug/l	99
43) Isopropyl Acetate	8.671	43	512167	56.876	ug/l	99
44) Trichloroethene	9.329	130	159344	51.261	ug/l	99
45) 1,2-Dichloropropane	9.600	63	192411	57.085	ug/l	96
46) Dibromomethane	9.688	93	139609	58.038	ug/l	100
47) Bromodichloromethane	9.865	83	286050	58.281	ug/l	96
48) Methyl methacrylate	9.659	41	244756	59.571	ug/l	98
49) 1,4-Dioxane	9.682	88	56436	1080.085	ug/l #	99
51) 4-Methyl-2-Pentanone	10.423	43	1597353	300.945	ug/l	100
52) Toluene	10.606	92	440959	58.049	ug/l	98
53) t-1,3-Dichloropropene	10.812	75	285998	56.769	ug/l	100
54) cis-1,3-Dichloropropene	10.288	75	307743	58.087	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	169224	57.578	ug/l	99
56) Ethyl methacrylate	10.853	69	292128	62.924	ug/l	98
57) 1,3-Dichloropropane	11.141	76	313832	59.190	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.135	63	850829	317.890	ug/l	100
59) 2-Hexanone	11.176	43	1074989	321.499	ug/l	99
60) Dibromochloromethane	11.335	129	196813	58.742	ug/l	96
61) 1,2-Dibromoethane	11.447	107	173191	58.192	ug/l	99
64) Tetrachloroethene	11.076	164	137260	45.453	ug/l	95
65) Chlorobenzene	11.870	112	475853	55.615	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.935	131	164169	56.889	ug/l	98
67) Ethyl Benzene	11.941	91	835365	55.860	ug/l	100
68) m/p-Xylenes	12.047	106	628567	113.365	ug/l	98
69) o-Xylene	12.376	106	299090	56.581	ug/l	100
70) Styrene	12.388	104	518415	60.400	ug/l	100
71) Bromoform	12.559	173	125614	59.429	ug/l #	99
73) Isopropylbenzene	12.670	105	765742	54.038	ug/l	100
74) N-amyl acetate	12.500	43	199210	41.279	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.917	83	250820	54.751	ug/l	97
76) 1,2,3-Trichloropropane	12.970	75	351054	78.206	ug/l	64
77) Bromobenzene	12.959	156	178514	55.058	ug/l	99
78) n-propylbenzene	13.012	91	940593	54.257	ug/l	99
79) 2-Chlorotoluene	13.100	91	563508	53.229	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	649692	55.329	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.712	75	86421	54.618	ug/l #	100
82) 4-Chlorotoluene	13.200	91	597677	56.841	ug/l	99
83) tert-Butylbenzene	13.412	119	537872	53.885	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	661669	56.692	ug/l	99
85) sec-Butylbenzene	13.594	105	759272	52.948	ug/l	100
86) p-Isopropyltoluene	13.706	119	641738	54.575	ug/l	100
87) 1,3-Dichlorobenzene	13.711	146	349011	55.297	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	347979	52.634	ug/l	98
89) n-Butylbenzene	14.029	91	594021	52.028	ug/l	99
90) Hexachloroethane	14.306	117	113139	52.669	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	323995	54.550	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	61444	55.281	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	182762	51.788	ug/l	97
94) Hexachlorobutadiene	15.470	225	61534	48.523	ug/l	98
95) Naphthalene	15.611	128	665085	54.387	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	173919	50.639	ug/l	96

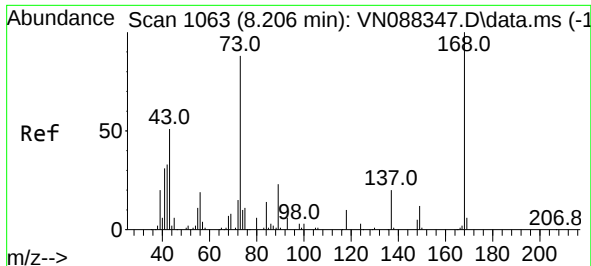
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QLast Update : Tue Nov 25 01:34:52 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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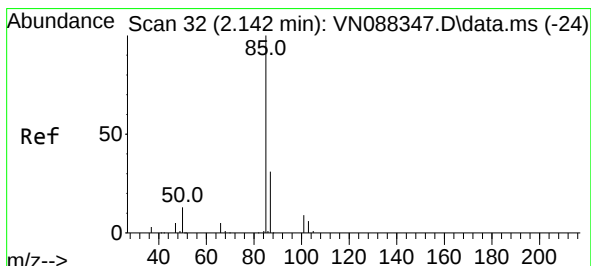
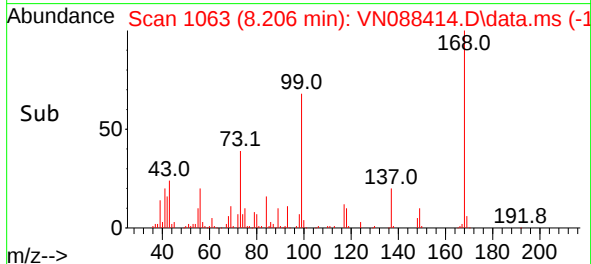
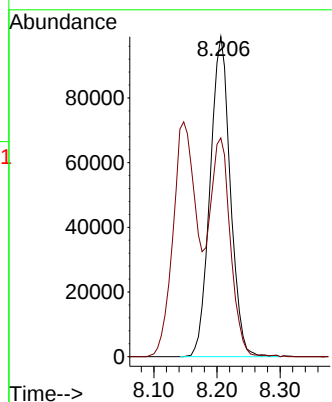
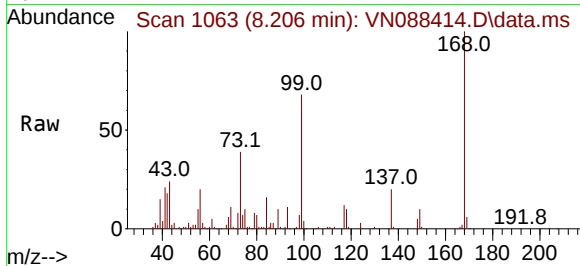
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

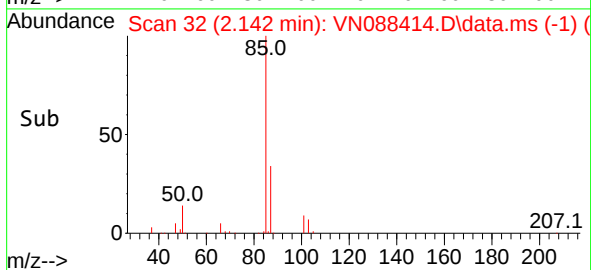
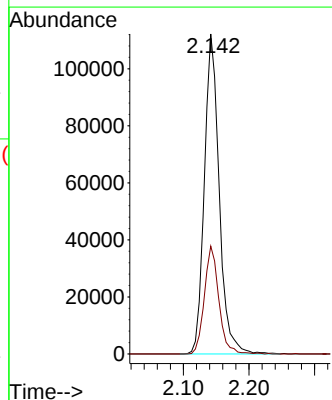
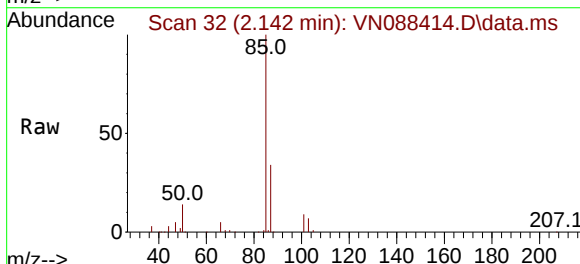
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MSVOA_N
ClientSampleId :

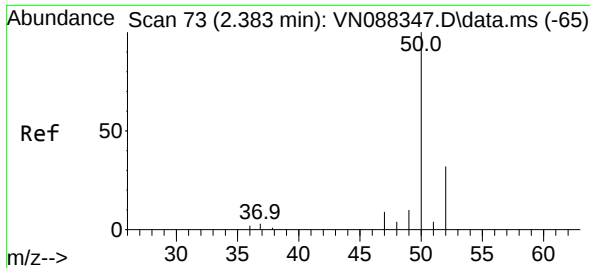
Tgt Ion:168 Resp: 219938
Ion Ratio Lower Upper
168 100
99 68.4 57.1 85.7



#2
Dichlorodifluoromethane
Concen: 53.577 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

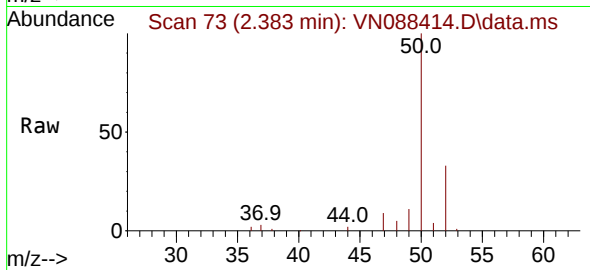
Tgt Ion: 85 Resp: 176992
Ion Ratio Lower Upper
85 100
87 33.7 15.6 46.7



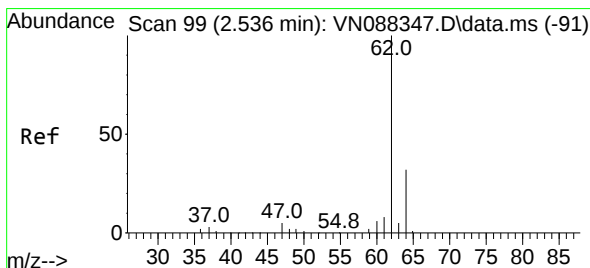
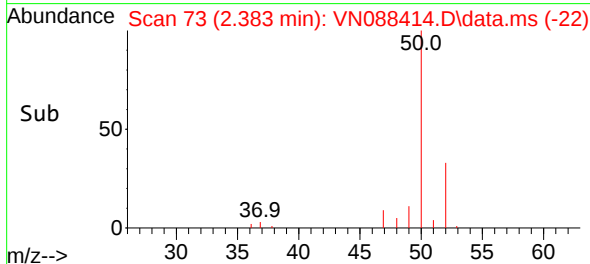
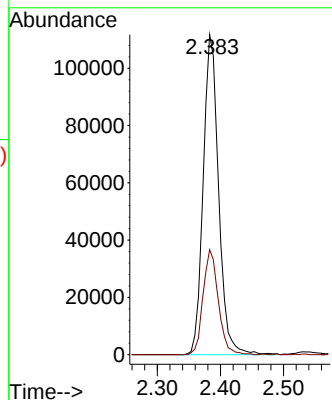


#3
Chloromethane
Concen: 53.397 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Instrument :
MSVOA_N
ClientSampleId :

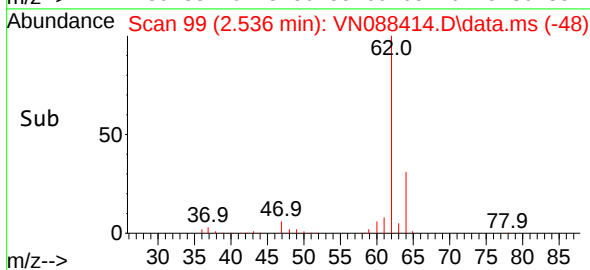
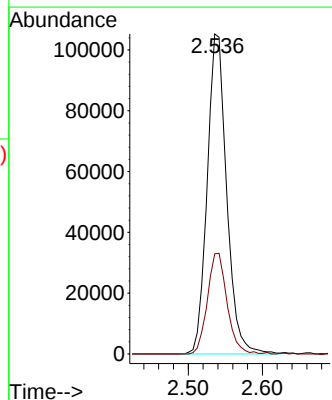
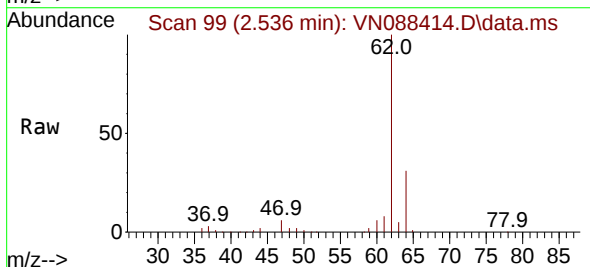


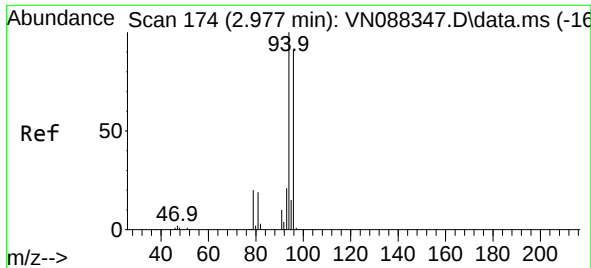
Tgt Ion: 50 Resp: 189452
Ion Ratio Lower Upper
50 100
52 32.8 25.2 37.8



#4
Vinyl Chloride
Concen: 53.195 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion: 62 Resp: 192004
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.2

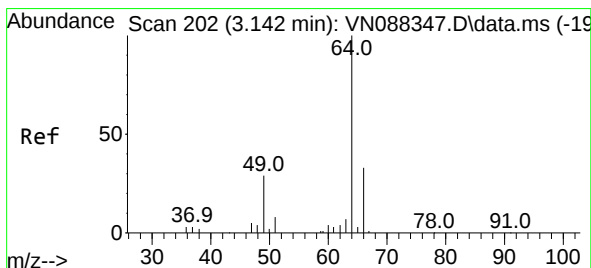
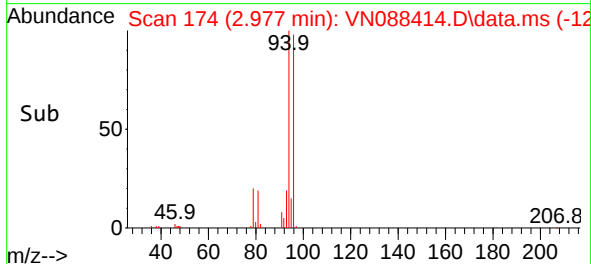
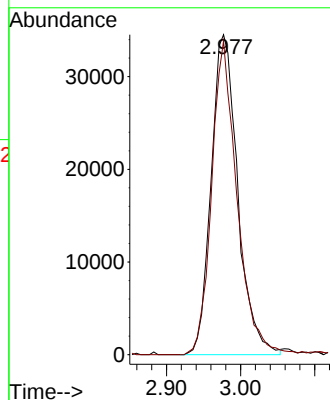
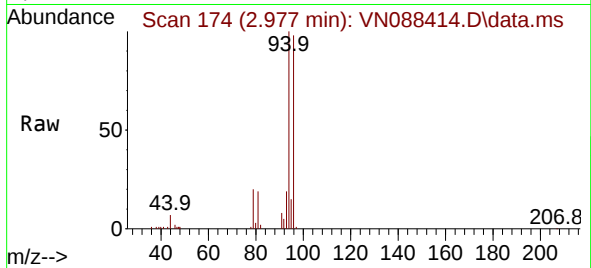




#5
Bromomethane
Concen: 49.553 ug/l
RT: 2.977 min Scan# 174
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

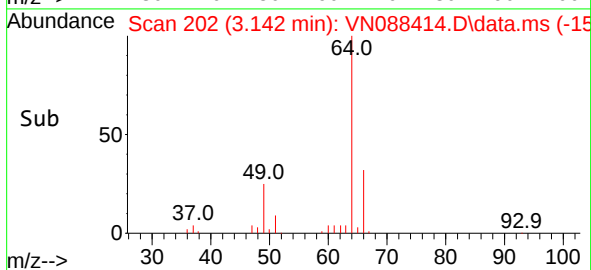
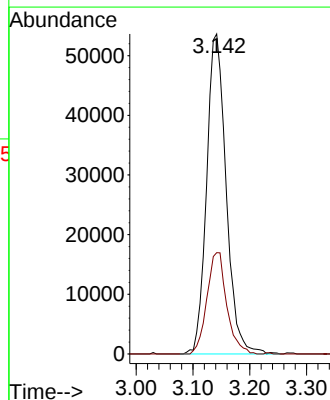
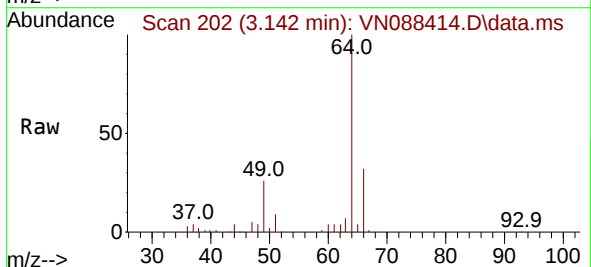
Instrument :
MSVOA_N
ClientSampleId :

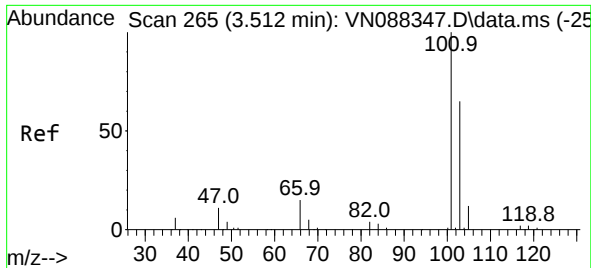
Tgt Ion: 94 Resp: 86084
Ion Ratio Lower Upper
94 100
96 98.1 73.2 109.8



#6
Chloroethane
Concen: 57.169 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion: 64 Resp: 127698
Ion Ratio Lower Upper
64 100
66 31.7 26.4 39.6

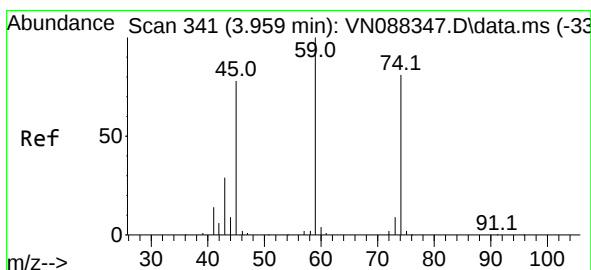
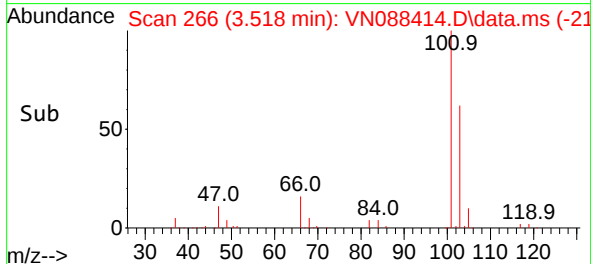
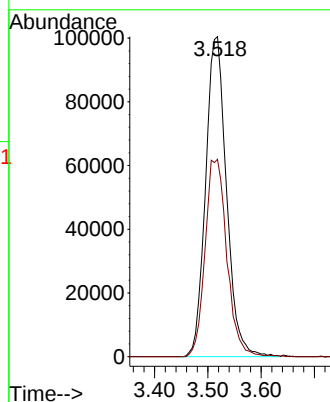
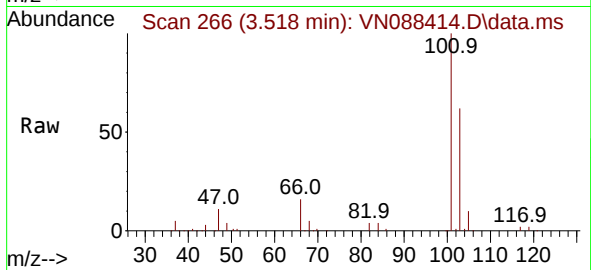




#7
 Trichlorofluoromethane
 Concen: 53.921 ug/l
 RT: 3.518 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VN088414.D
 Acq: 02 Dec 2025 17:04

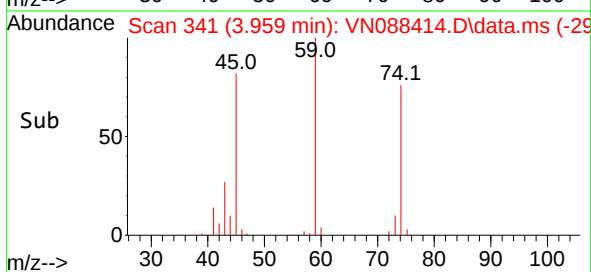
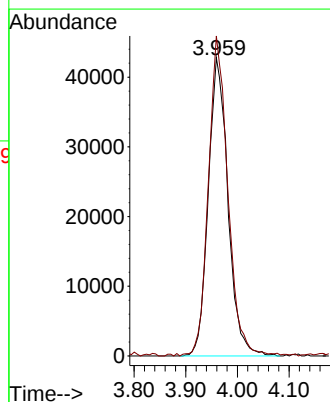
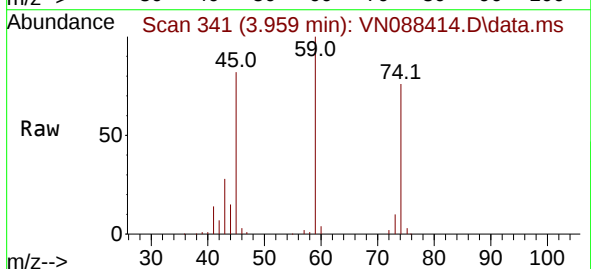
Instrument :
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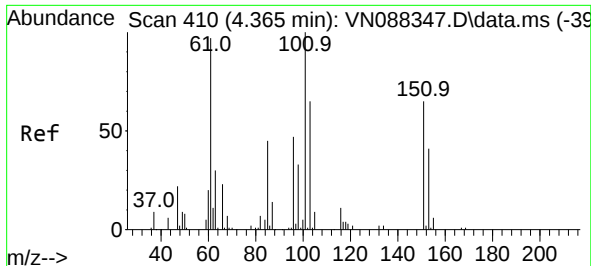
Tgt Ion:101 Resp: 273541
 Ion Ratio Lower Upper
 101 100
 103 61.7 52.3 78.5



#8
 Diethyl Ether
 Concen: 59.462 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN088414.D
 Acq: 02 Dec 2025 17:04

Tgt Ion: 74 Resp: 113221
 Ion Ratio Lower Upper
 74 100
 45 106.6 54.2 162.6

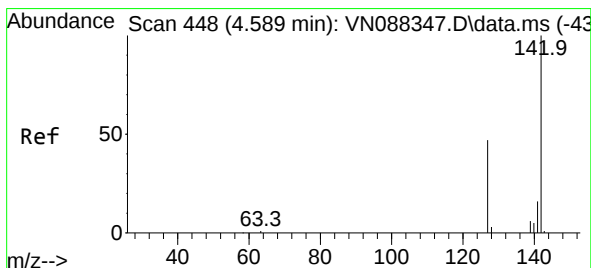
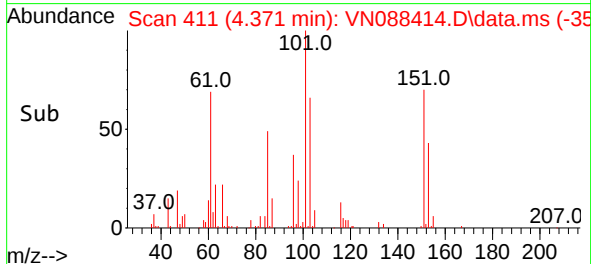
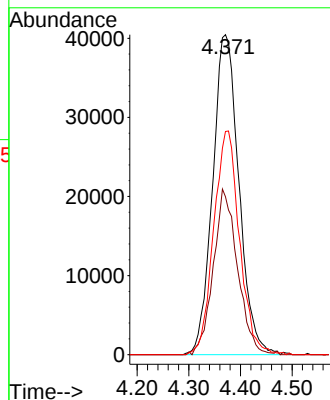
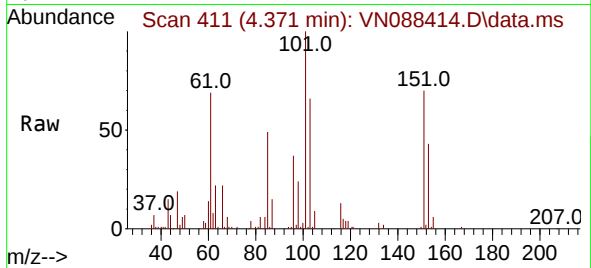




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.886 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

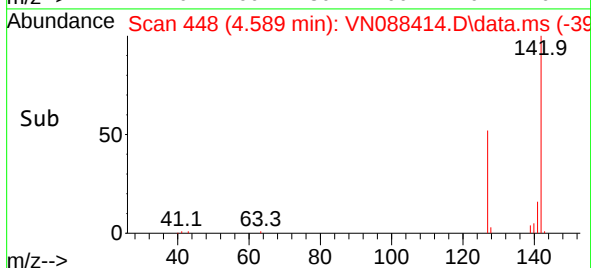
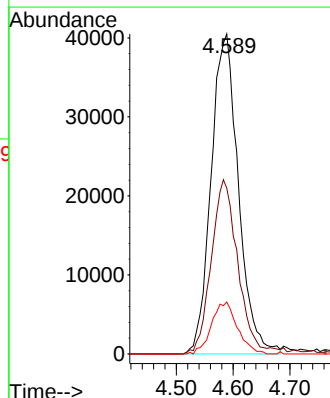
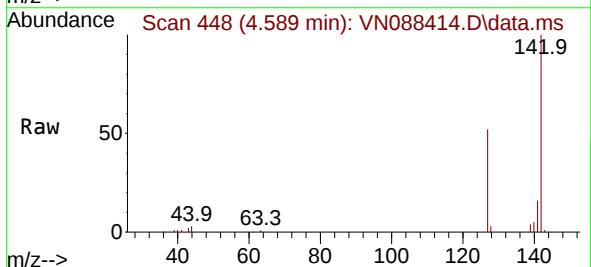
Instrument :
MSVOA_N
ClientSampleId :

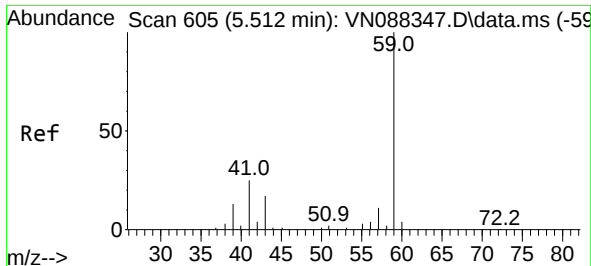
Tgt Ion:101 Resp: 142830
Ion Ratio Lower Upper
101 100
85 47.8 39.2 58.8
151 68.7 53.6 80.4



#10
Methyl Iodide
Concen: 50.526 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion:142 Resp: 135082
Ion Ratio Lower Upper
142 100
127 51.8 37.9 56.9
141 16.3 12.4 18.6

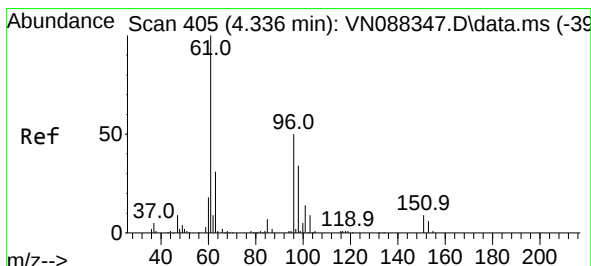
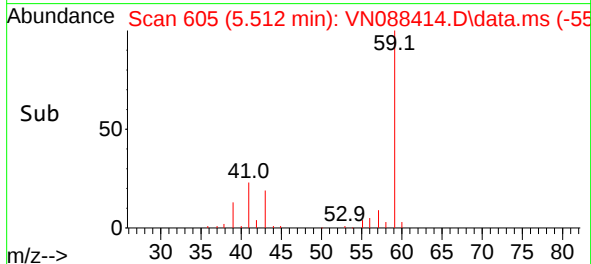
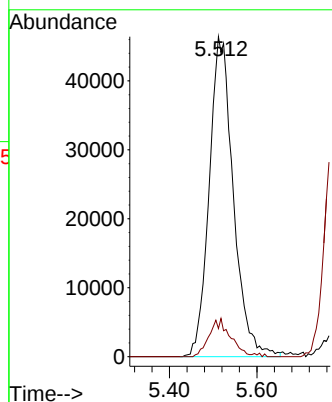
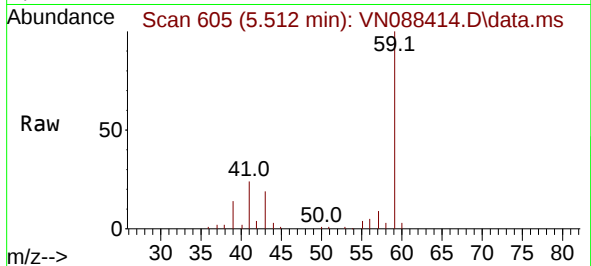




#11
Tert butyl alcohol
Concen: 268.805 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

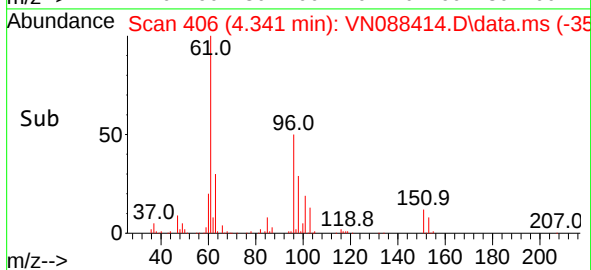
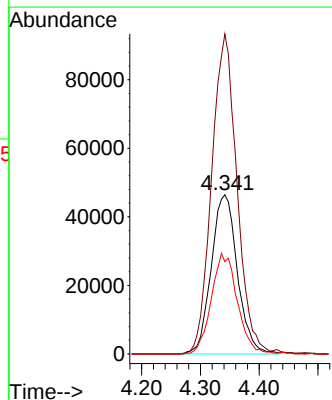
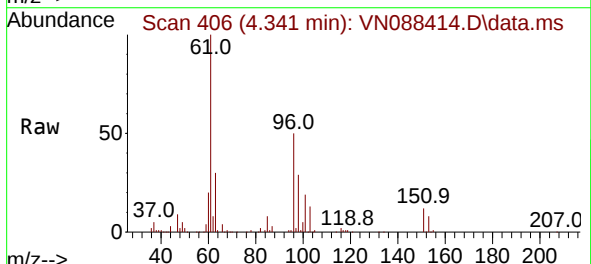
Instrument :
MSVOA_N
ClientSampleId :

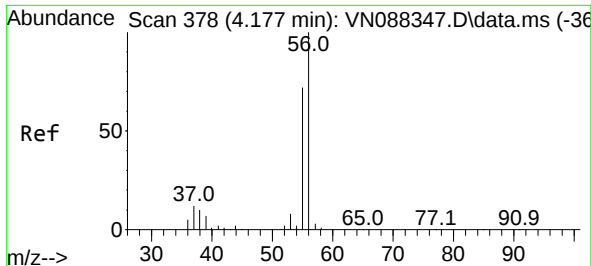
Tgt Ion: 59 Resp: 177811
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7



#12
1,1-Dichloroethene
Concen: 53.466 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion: 96 Resp: 143464
Ion Ratio Lower Upper
96 100
61 201.0 159.1 238.7
98 58.0 53.7 80.5

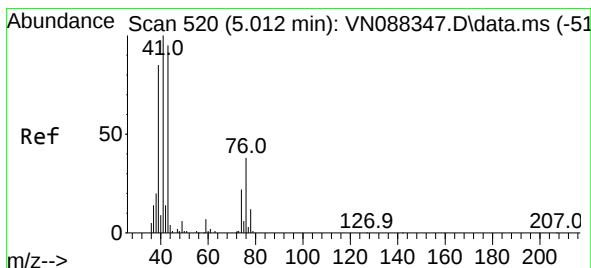
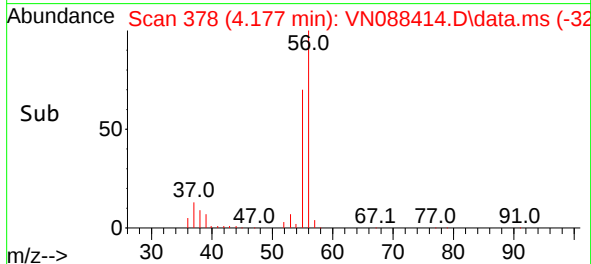
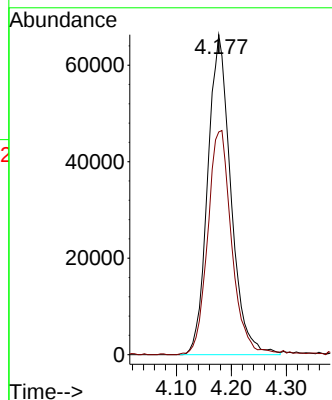
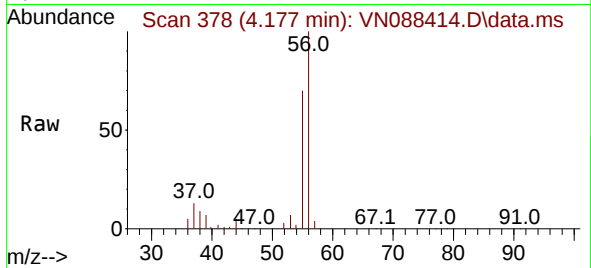




#13
Acrolein
Concen: 306.108 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

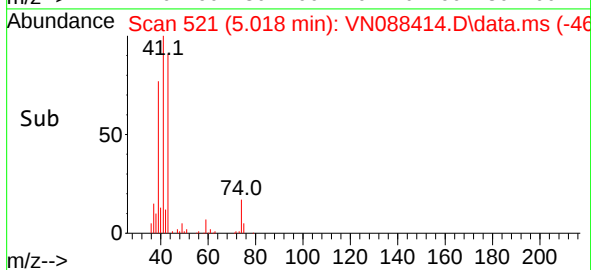
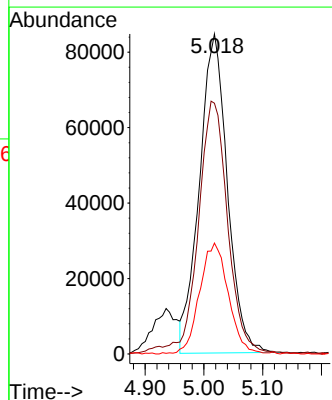
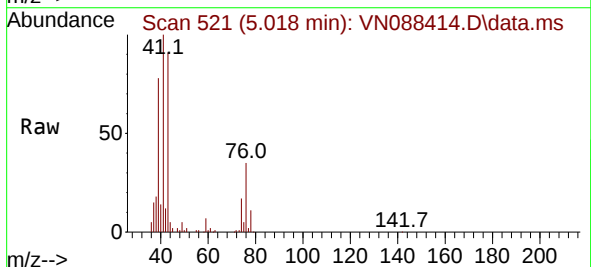
Instrument :
MSVOA_N
ClientSampleId :

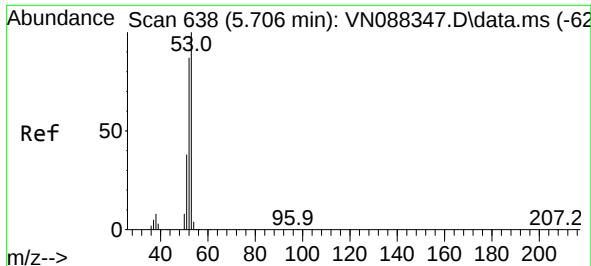
Tgt Ion: 56 Resp: 193856
Ion Ratio Lower Upper
56 100
55 72.7 56.3 84.5



#14
Allyl chloride
Concen: 56.423 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

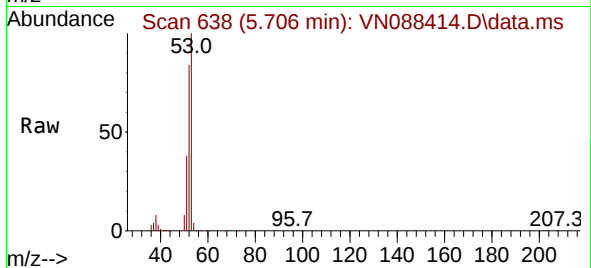
Tgt Ion: 41 Resp: 280616
Ion Ratio Lower Upper
41 100
39 83.9 64.7 97.1
76 35.6 29.1 43.7



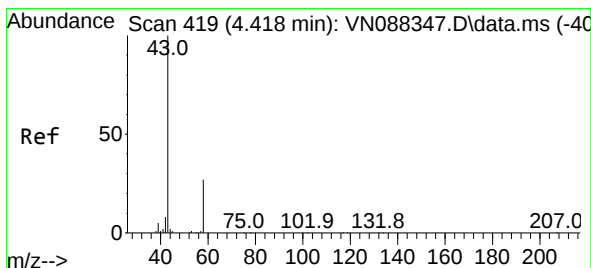
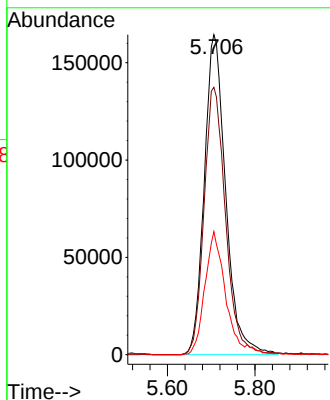
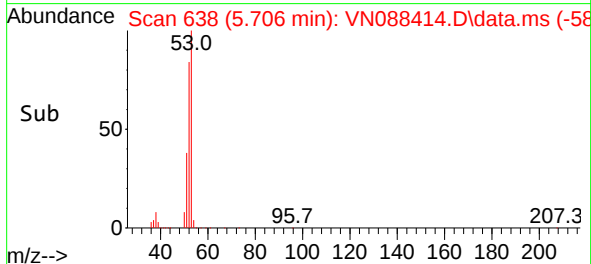


#15
Acrylonitrile
Concen: 293.497 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Instrument :
MSVOA_N
ClientSampleId :

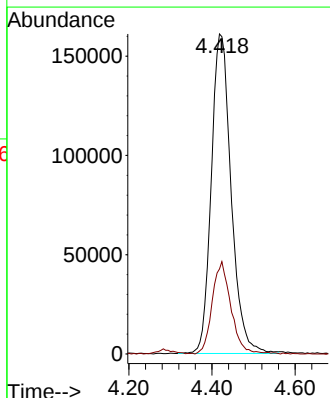
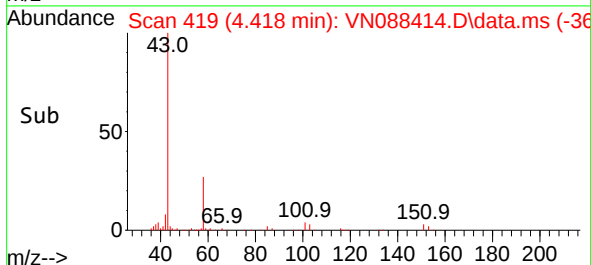
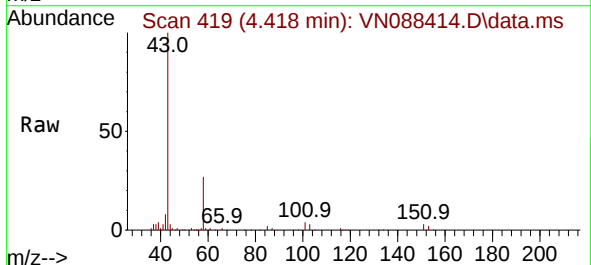


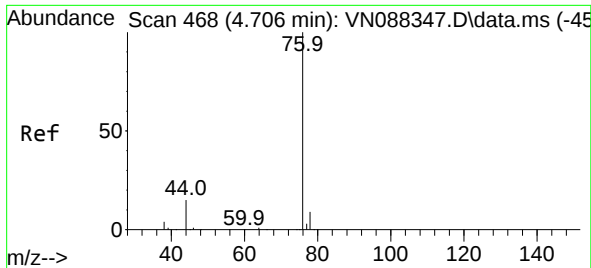
Tgt Ion: 53 Resp: 560143
Ion Ratio Lower Upper
53 100
52 83.5 67.8 101.6
51 37.6 29.8 44.8



#16
Acetone
Concen: 356.103 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion: 43 Resp: 533583
Ion Ratio Lower Upper
43 100
58 26.5 21.7 32.5

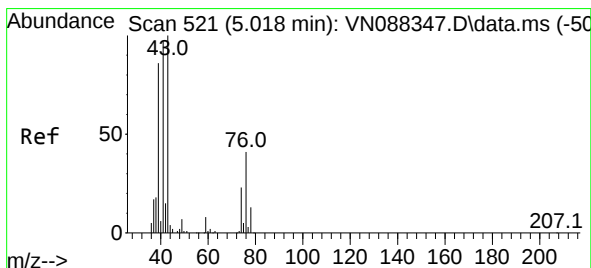
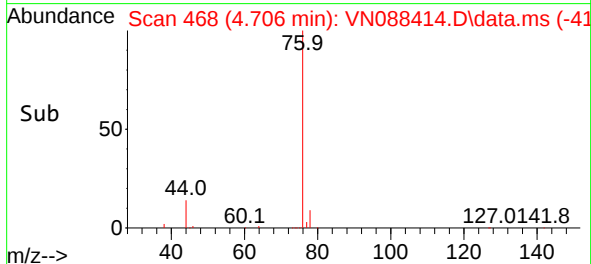
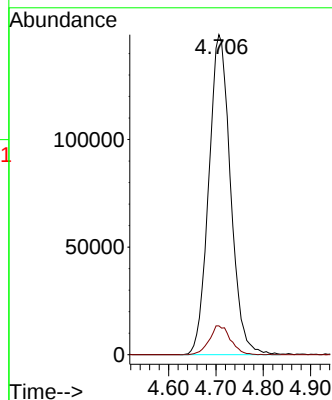
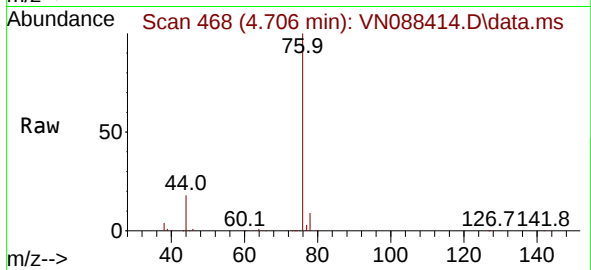




#17
Carbon Disulfide
Concen: 54.176 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

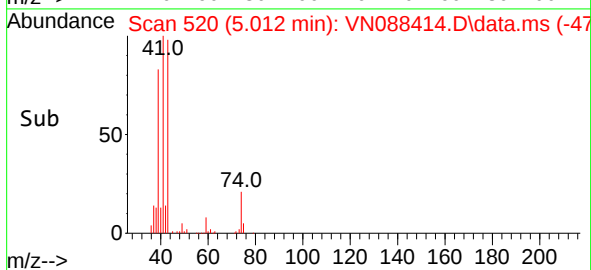
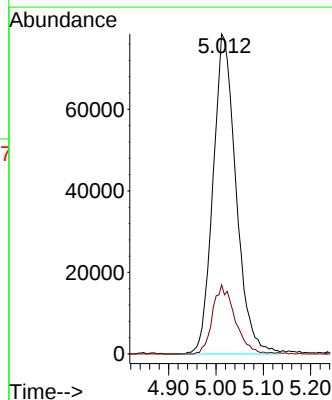
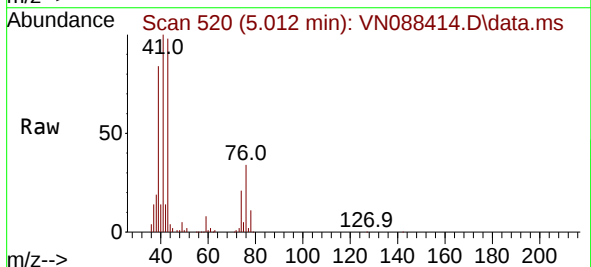
Instrument :
MSVOA_N
ClientSampleId :

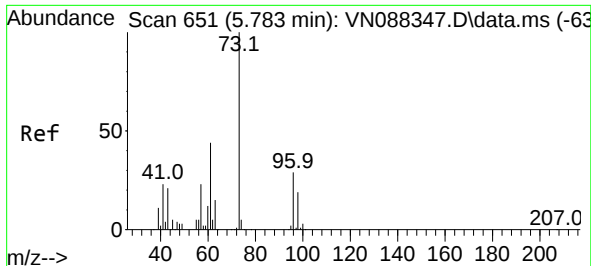
Tgt Ion: 76 Resp: 475035
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 59.457 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion: 43 Resp: 265191
Ion Ratio Lower Upper
43 100
74 21.0 17.9 26.9

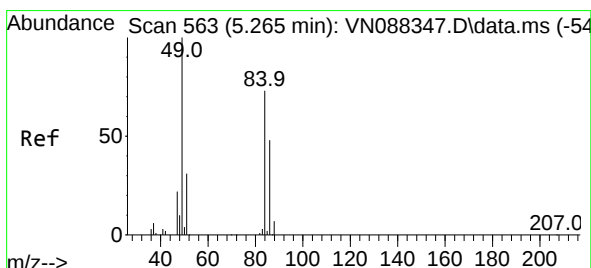
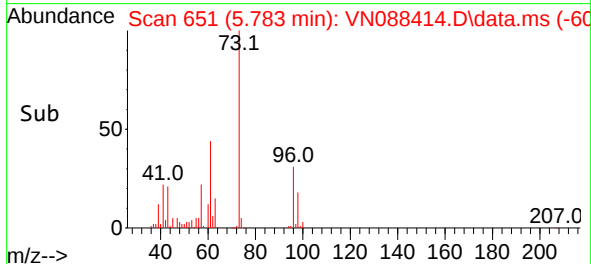
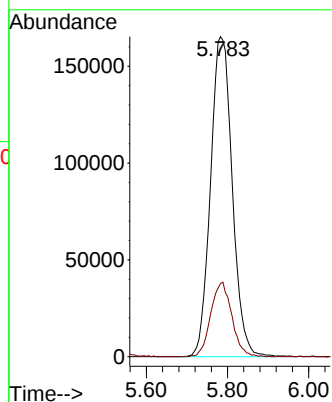
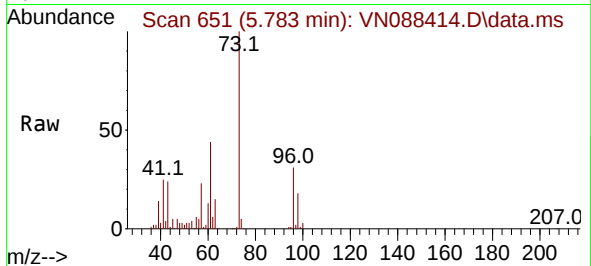




#19
Methyl tert-butyl Ether
Concen: 61.174 ug/l
RT: 5.783 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

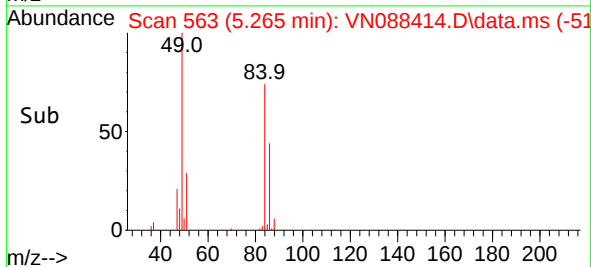
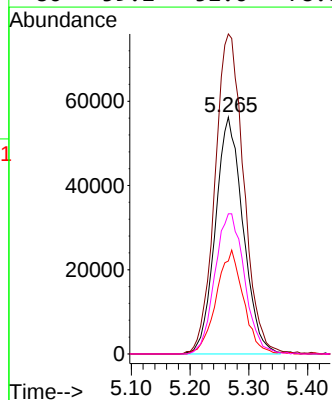
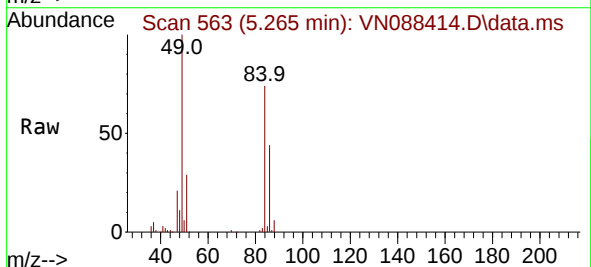
Instrument :
MSVOA_N
ClientSampleId :

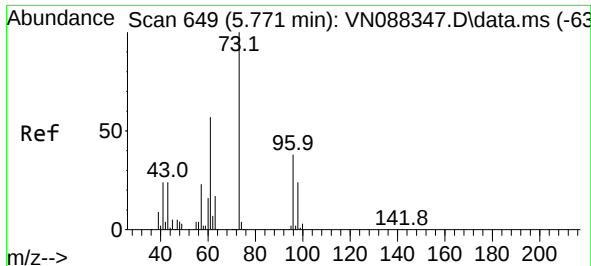
Tgt Ion: 73 Resp: 614993
Ion Ratio Lower Upper
73 100
57 22.8 18.6 28.0



#20
Methylene Chloride
Concen: 57.454 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion: 84 Resp: 184189
Ion Ratio Lower Upper
84 100
49 135.1 110.2 165.2
51 39.2 34.1 51.1
86 59.2 52.6 78.8

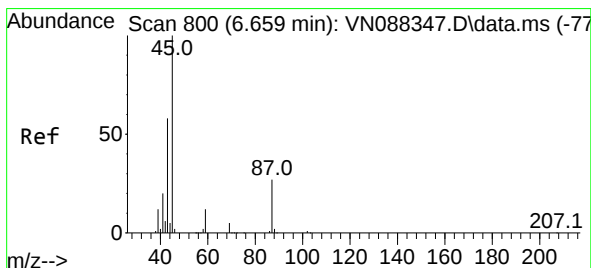
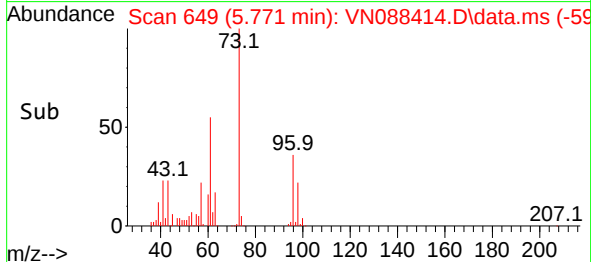
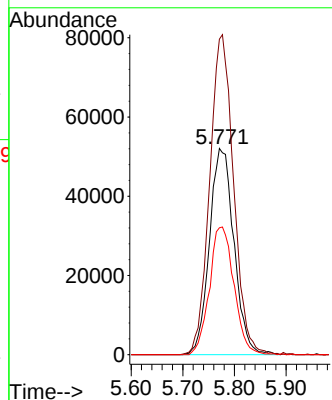
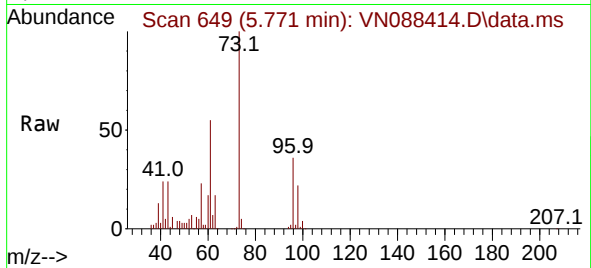




#21
trans-1,2-Dichloroethene
Concen: 57.731 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

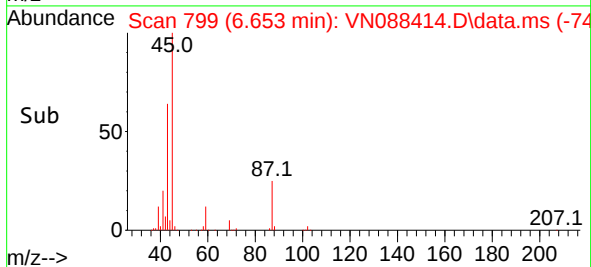
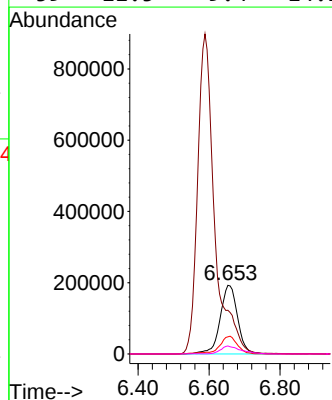
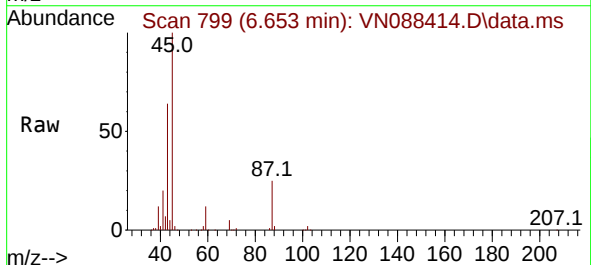
Instrument :
MSVOA_N
ClientSampleId :

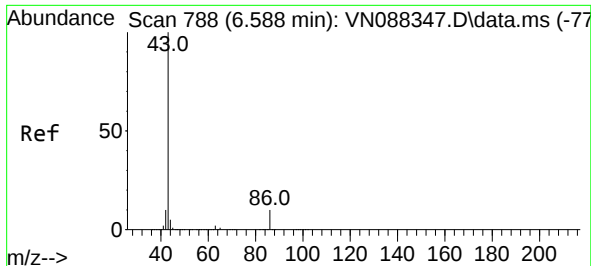
Tgt Ion: 96 Resp: 171602
Ion Ratio Lower Upper
96 100
61 153.0 122.4 183.6
98 61.5 50.9 76.3



#22
Diisopropyl ether
Concen: 61.492 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion: 45 Resp: 652926
Ion Ratio Lower Upper
45 100
43 63.2 47.4 71.2
87 25.0 21.9 32.9
59 11.5 9.4 14.2

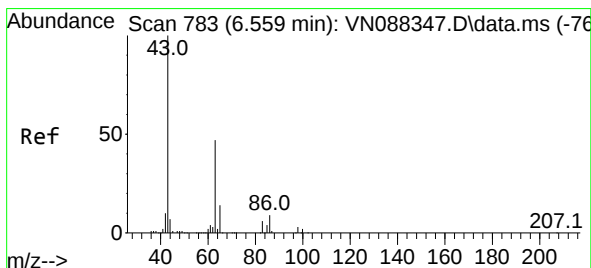
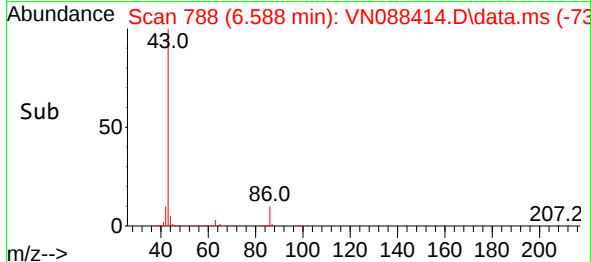
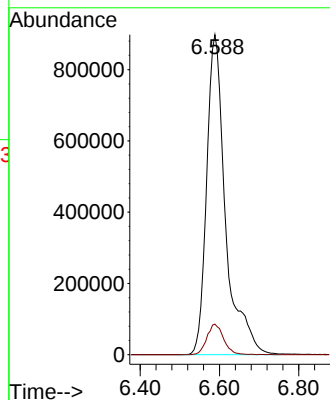
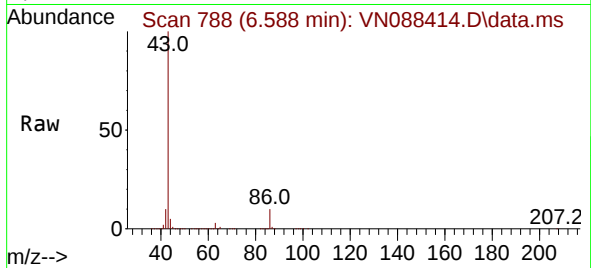




#23
 Vinyl Acetate
 Concen: 348.153 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088414.D
 Acq: 02 Dec 2025 17:04

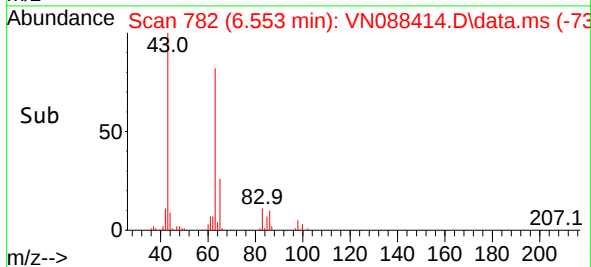
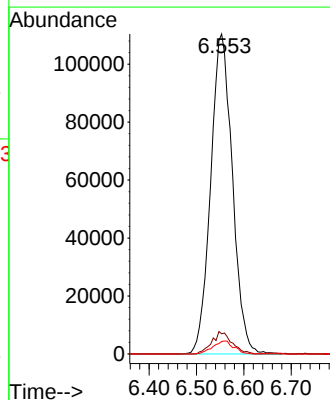
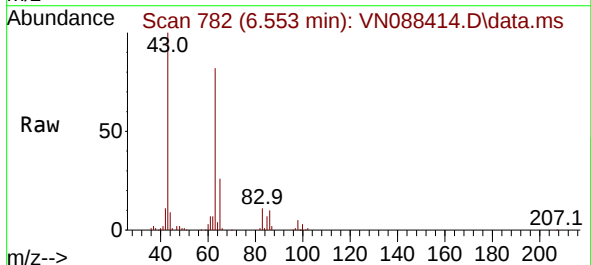
Instrument :
 MSVOA_N
 ClientSampleId :

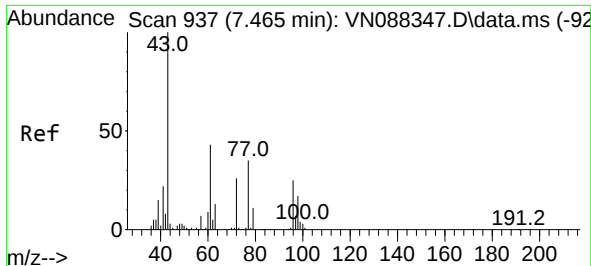
Tgt Ion: 43 Resp: 2978359
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 58.511 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088414.D
 Acq: 02 Dec 2025 17:04

Tgt Ion: 63 Resp: 351828
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.2
 100 3.9 1.9 5.7

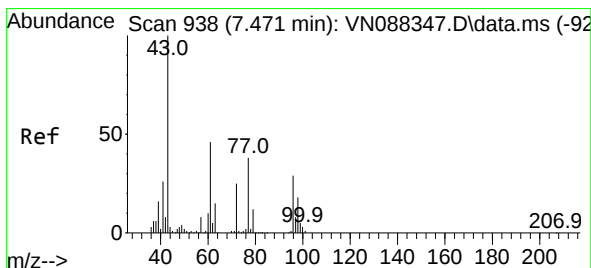
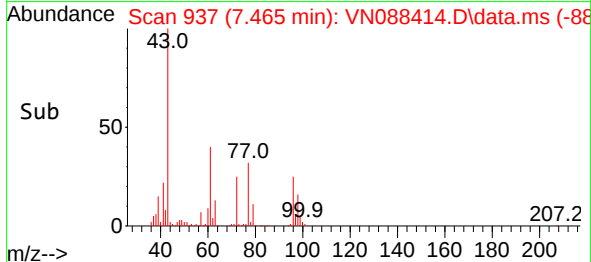
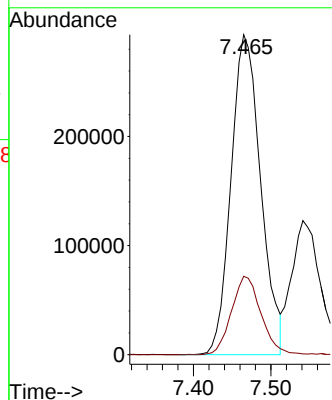
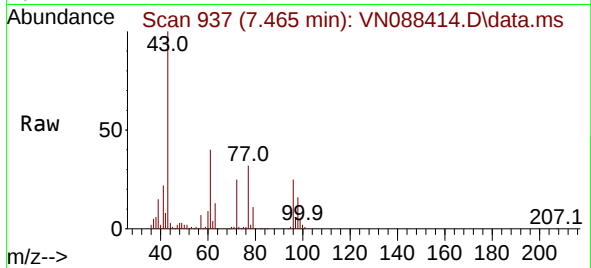




#25
2-Butanone
Concen: 324.238 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

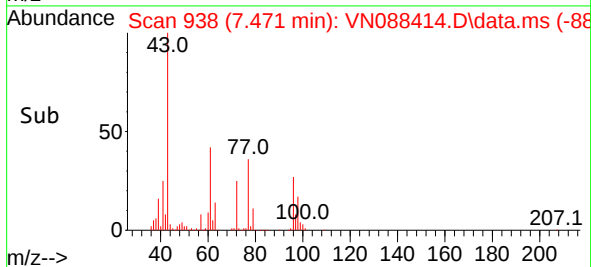
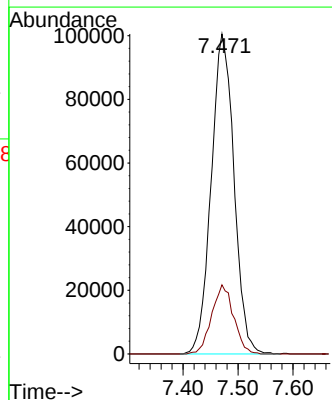
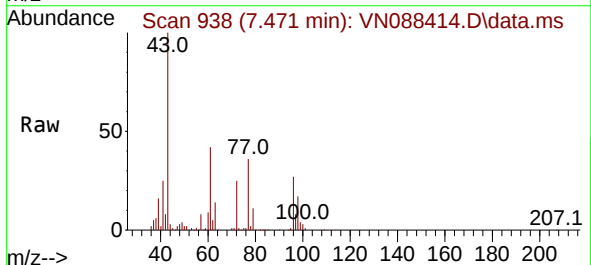
Instrument :
MSVOA_N
ClientSampleId :

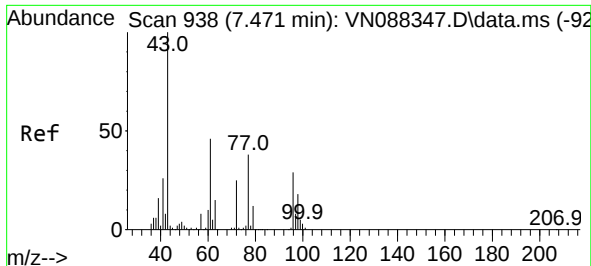
Tgt Ion: 43 Resp: 781041
Ion Ratio Lower Upper
43 100
72 24.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 55.770 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

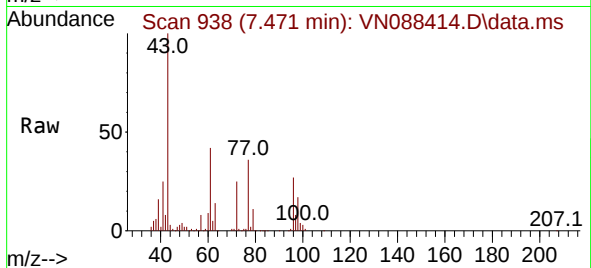
Tgt Ion: 77 Resp: 289454
Ion Ratio Lower Upper
77 100
97 20.8 10.3 30.9



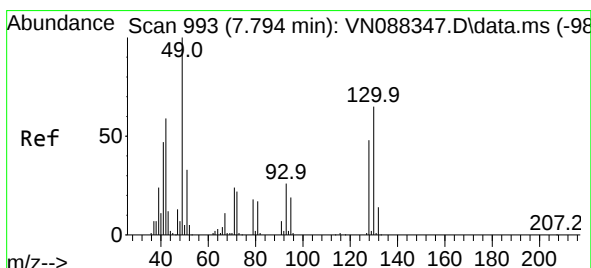
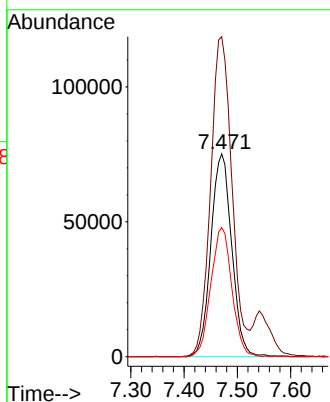
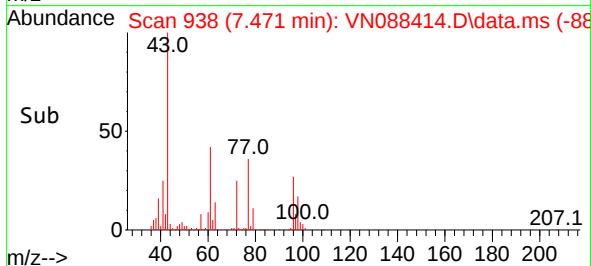


#27
 cis-1,2-Dichloroethene
 Concen: 59.317 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN088414.D
 Acq: 02 Dec 2025 17:04

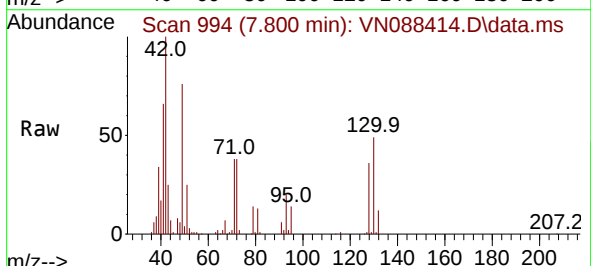
Instrument :
 MSVOA_N
 ClientSampleId :



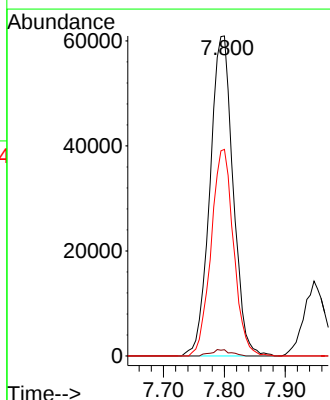
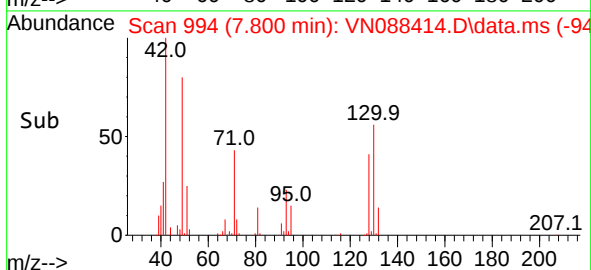
Tgt Ion: 96 Resp: 204906
 Ion Ratio Lower Upper
 96 100
 61 161.6 0.0 323.6
 98 63.9 0.0 127.2

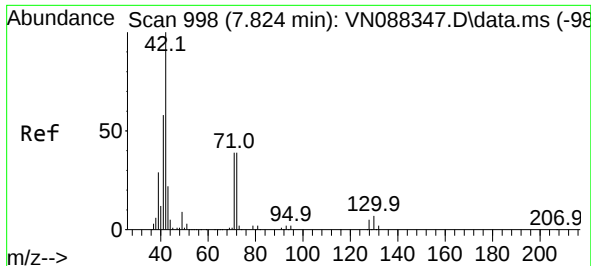


#28
 Bromochloromethane
 Concen: 53.755 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VN088414.D
 Acq: 02 Dec 2025 17:04



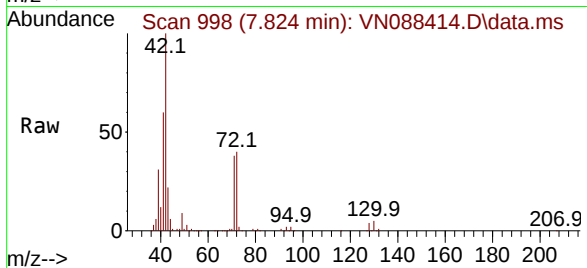
Tgt Ion: 49 Resp: 161018
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 62.7 51.1 76.7



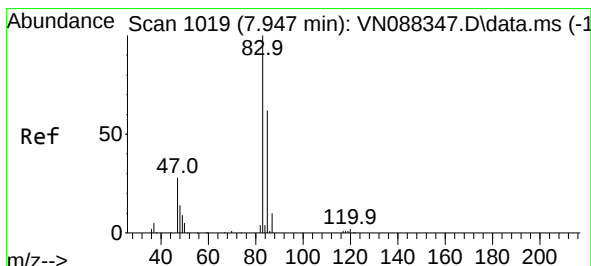
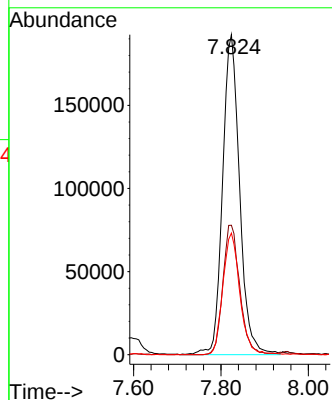
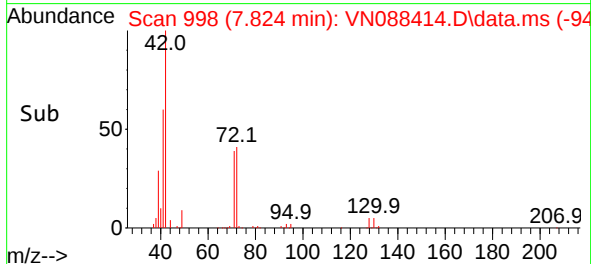


#29
Tetrahydrofuran
Concen: 300.480 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Instrument :
MSVOA_N
ClientSampleId :

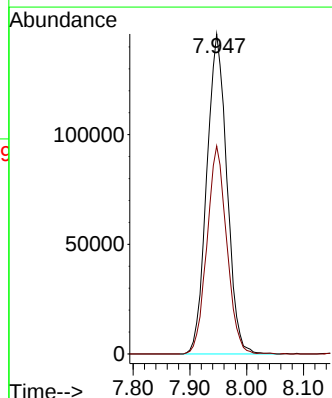
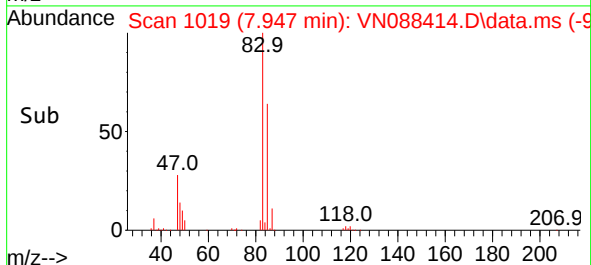
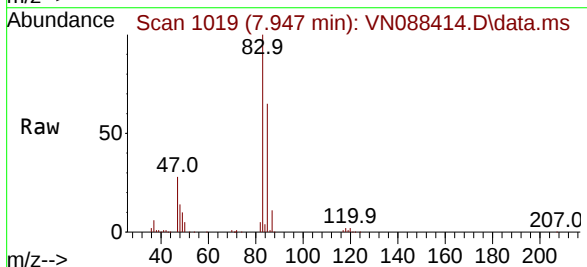


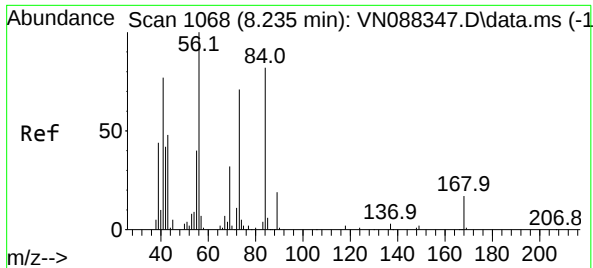
Tgt Ion: 42 Resp: 519167
Ion Ratio Lower Upper
42 100
72 40.2 32.2 48.4
71 37.9 31.1 46.7



#30
Chloroform
Concen: 60.709 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

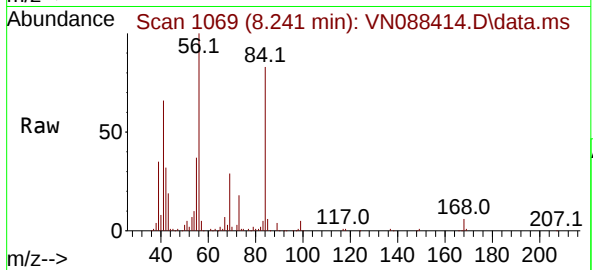
Tgt Ion: 83 Resp: 358692
Ion Ratio Lower Upper
83 100
85 65.0 49.8 74.8



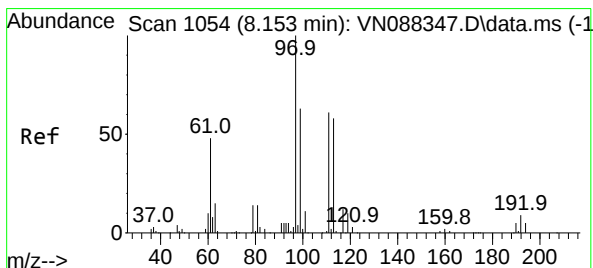
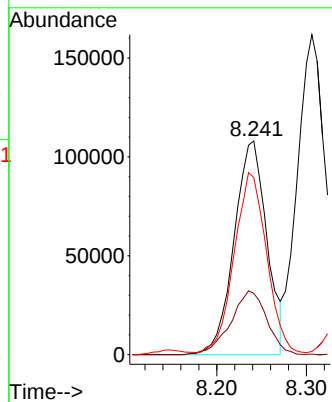
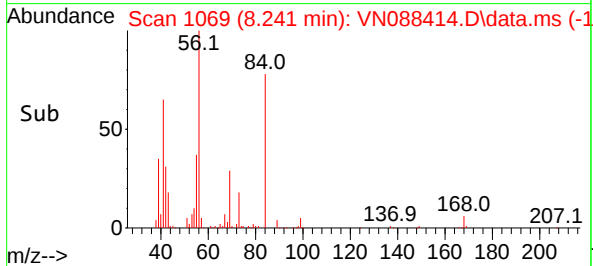


#31
Cyclohexane
Concen: 50.191 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Instrument :
MSVOA_N
ClientSampleId :

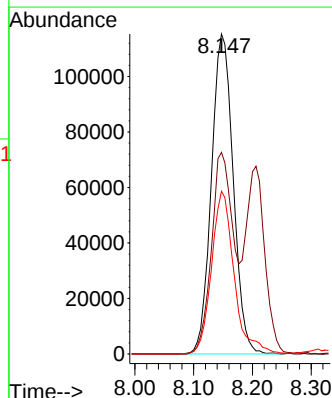
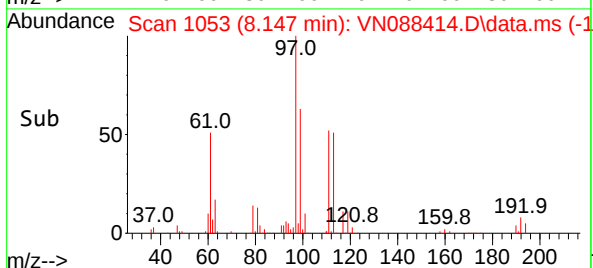
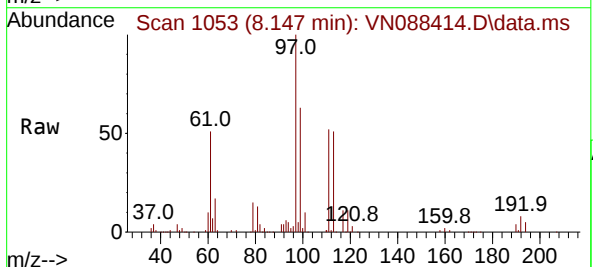


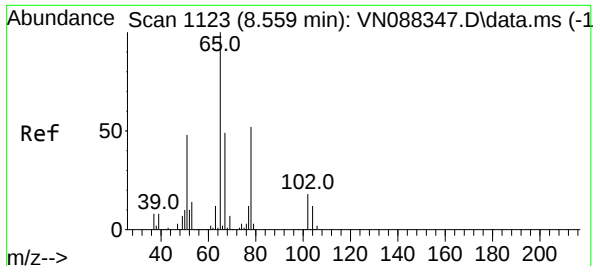
Tgt Ion: 56 Resp: 273491
Ion Ratio Lower Upper
56 100
69 28.7 25.3 37.9
84 81.2 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 57.111 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion: 97 Resp: 296692
Ion Ratio Lower Upper
97 100
99 62.3 50.8 76.2
61 52.8 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 55.328 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088414.D

Acq: 02 Dec 2025 17:04

Instrument :

MSVOA_N

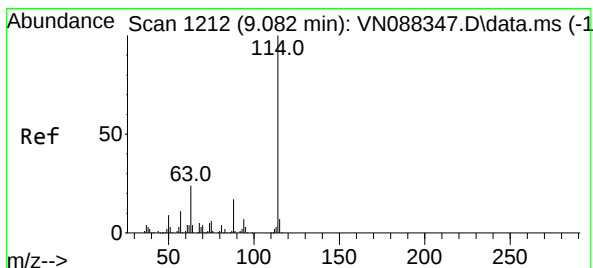
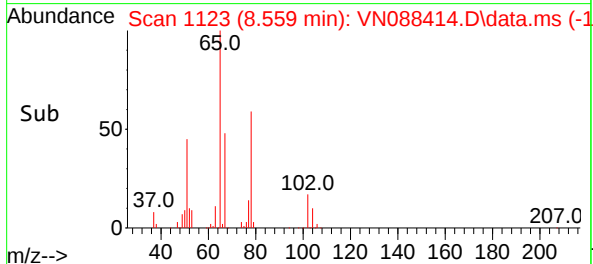
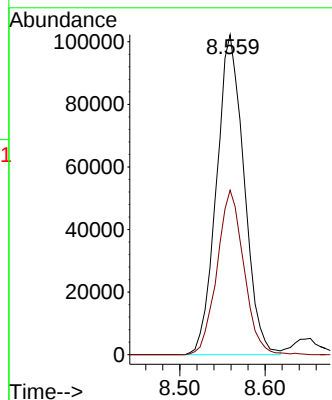
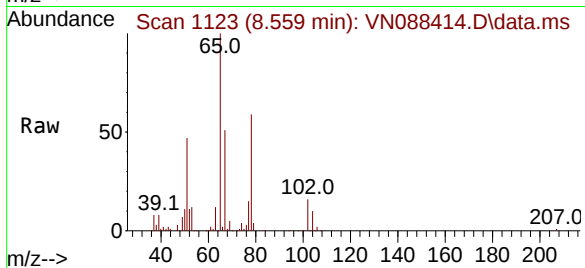
ClientSampleId :

Tgt Ion: 65 Resp: 229234

Ion Ratio Lower Upper

65 100

67 50.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088414.D

Acq: 02 Dec 2025 17:04

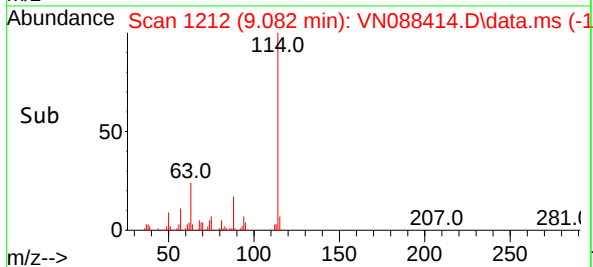
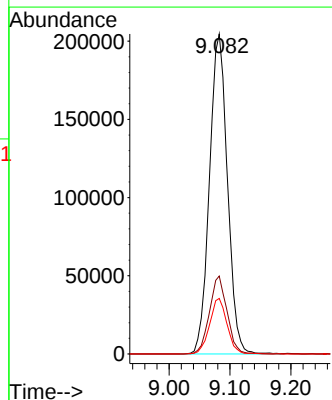
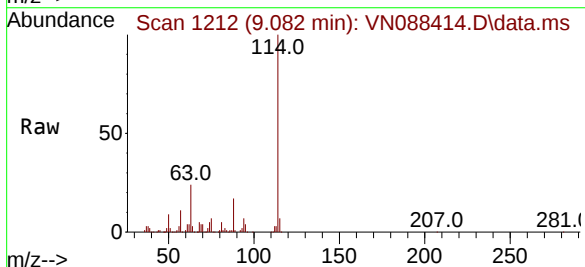
Tgt Ion: 114 Resp: 419102

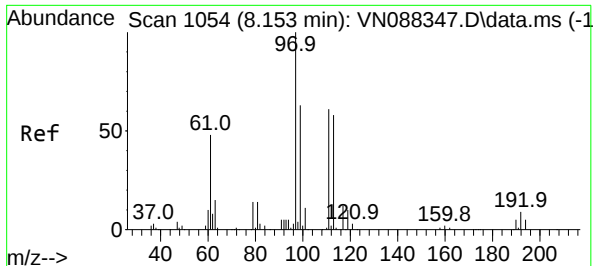
Ion Ratio Lower Upper

114 100

63 24.4 0.0 49.0

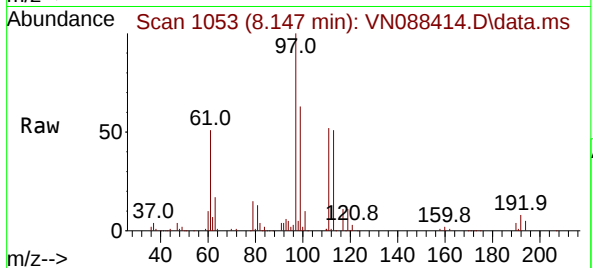
88 17.4 0.0 34.0



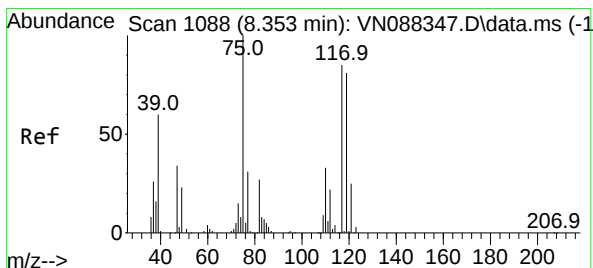
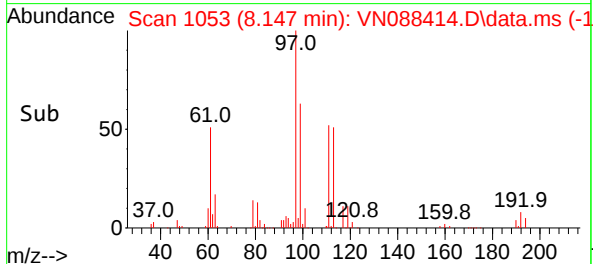
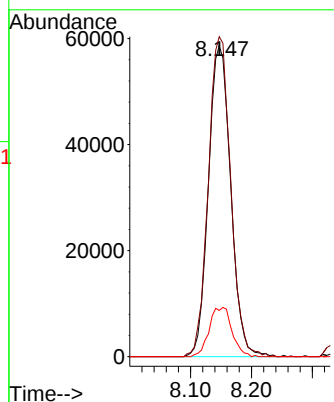


#35
Dibromofluoromethane
Concen: 51.312 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Instrument :
MSVOA_N
ClientSampleId :

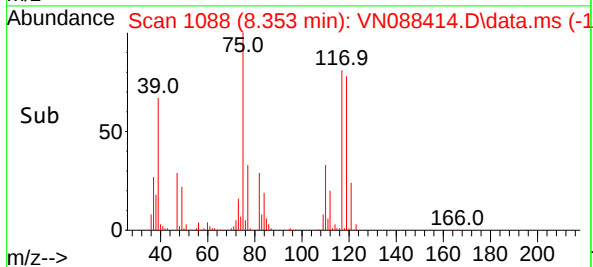
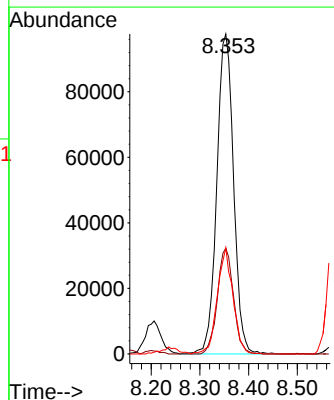
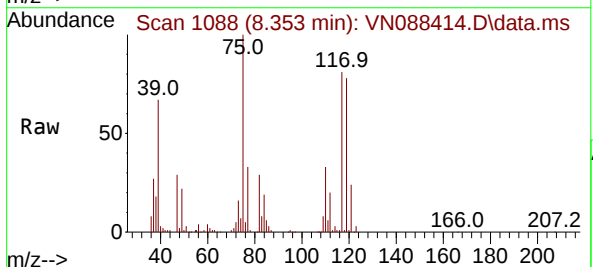


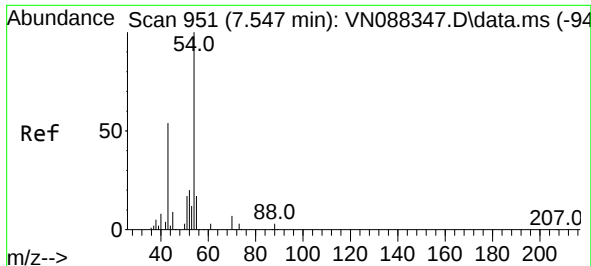
Tgt Ion:113 Resp: 149029
Ion Ratio Lower Upper
113 100
111 103.3 82.5 123.7
192 16.2 12.8 19.2



#36
1,1-Dichloropropene
Concen: 52.068 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

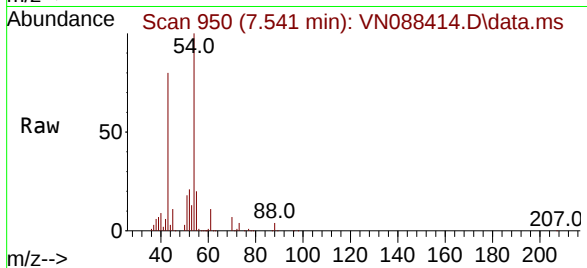
Tgt Ion: 75 Resp: 233390
Ion Ratio Lower Upper
75 100
110 31.8 15.8 47.4
77 31.0 24.2 36.2



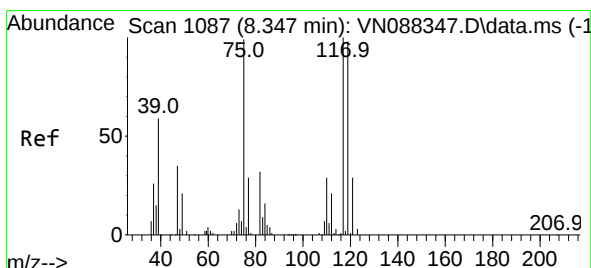
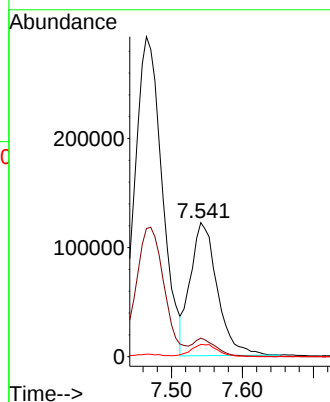
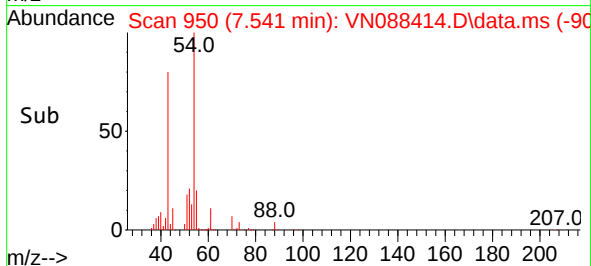


#37
Ethyl Acetate
Concen: 54.648 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Instrument :
MSVOA_N
ClientSampleId :

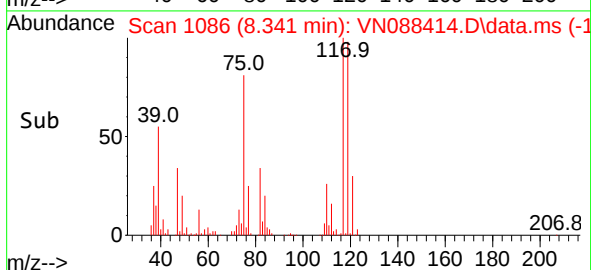
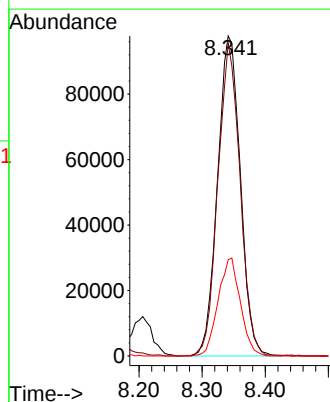
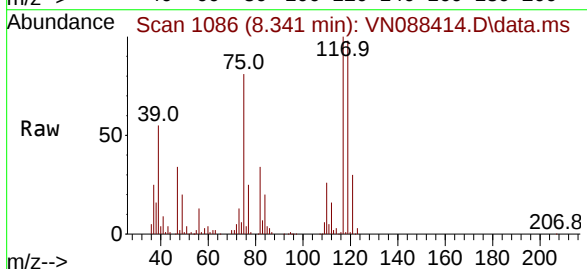


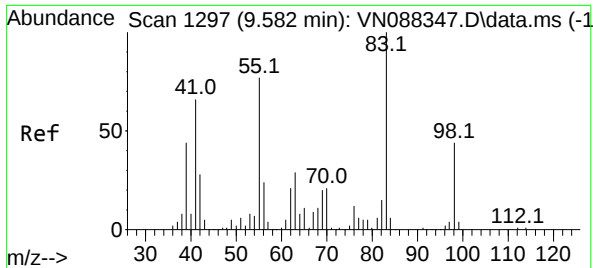
Tgt Ion: 43 Resp: 322081
Ion Ratio Lower Upper
43 100
61 11.8 9.5 14.3
70 9.3 7.1 10.7



#38
Carbon Tetrachloride
Concen: 54.930 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion: 117 Resp: 245106
Ion Ratio Lower Upper
117 100
119 97.7 78.2 117.4
121 30.1 23.4 35.2





#39

Methylcyclohexane

Concen: 49.318 ug/l

RT: 9.576 min Scan# 11296

Delta R.T. -0.006 min

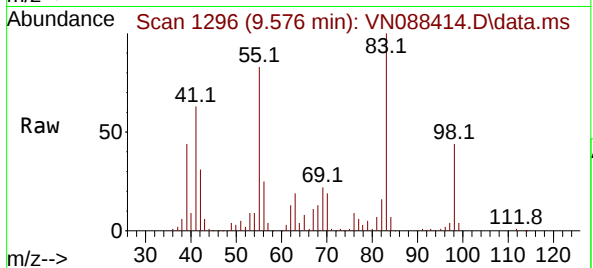
Lab File: VN088414.D

Acq: 02 Dec 2025 17:04

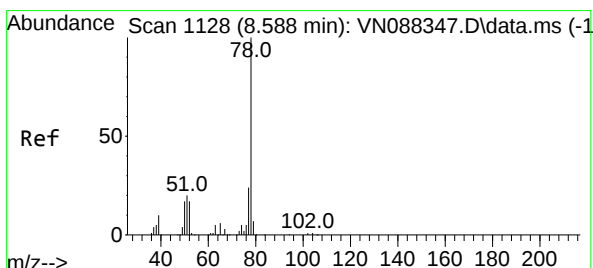
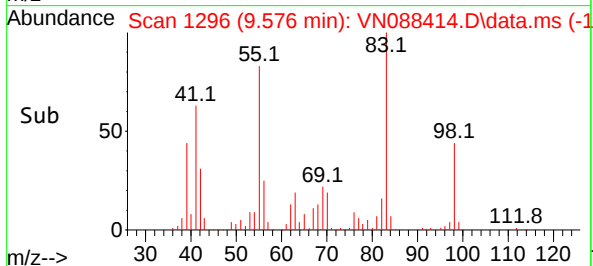
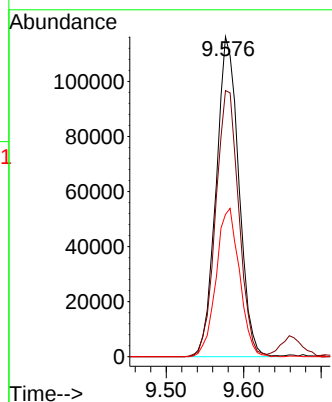
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	83	Resp:	236457
Ion Ratio	100	Lower	Upper
83	100		
55	83.2	61.6	92.4
98	44.4	35.3	52.9



#40

Benzene

Concen: 55.449 ug/l

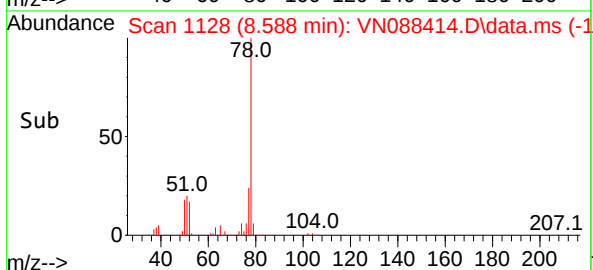
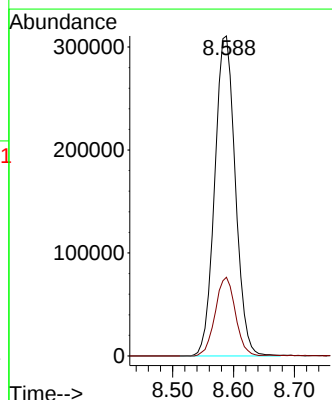
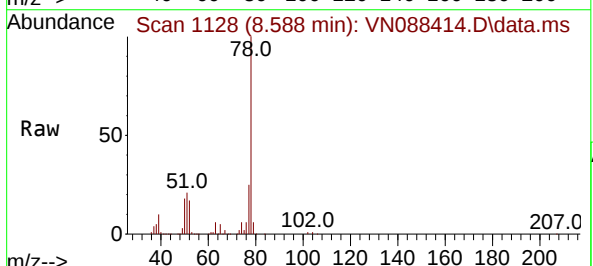
RT: 8.588 min Scan# 1128

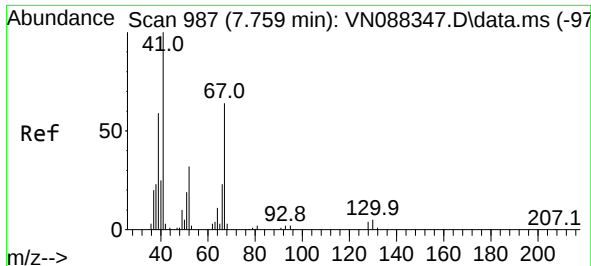
Delta R.T. -0.000 min

Lab File: VN088414.D

Acq: 02 Dec 2025 17:04

Tgt Ion:	78	Resp:	729473
Ion Ratio	100	Lower	Upper
78	100		
77	24.6	19.0	28.4



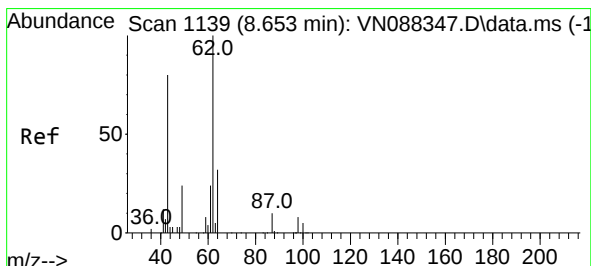
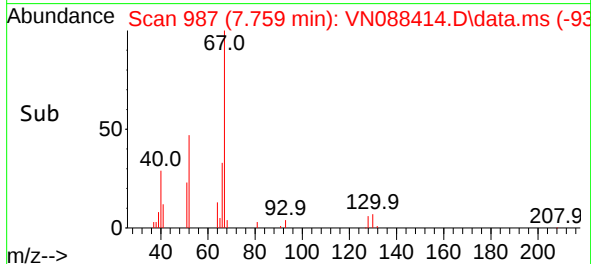
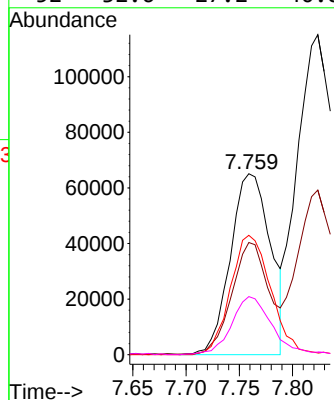
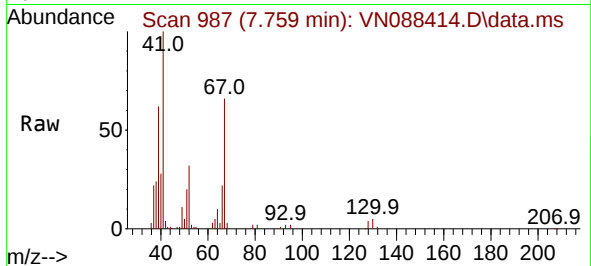


#41
Methacrylonitrile
Concen: 58.540 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 170884

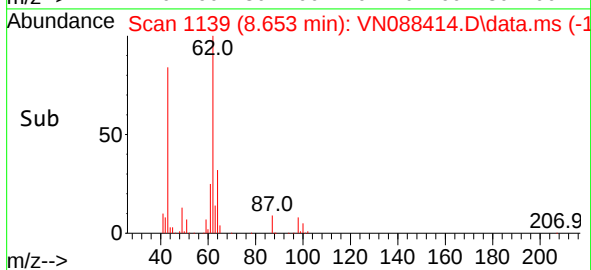
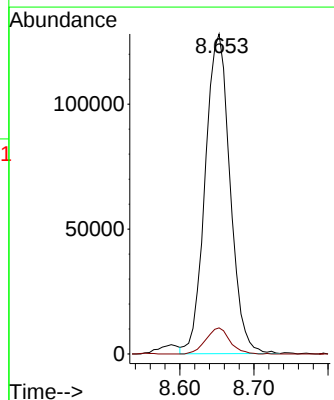
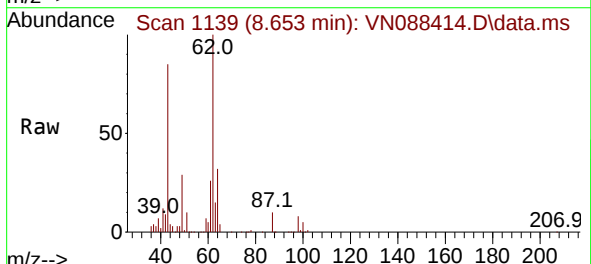
Ion	Ratio	Lower	Upper
41	100		
39	57.3	46.3	69.5
67	66.9	54.7	82.1
52	32.6	27.2	40.8

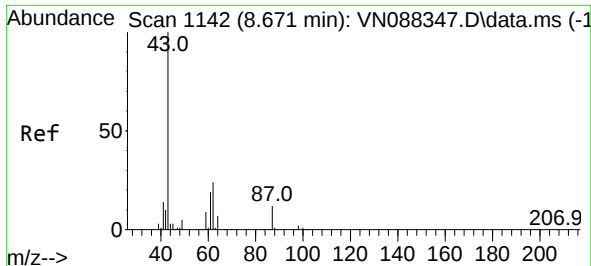


#42
1,2-Dichloroethane
Concen: 59.349 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion: 62 Resp: 297888

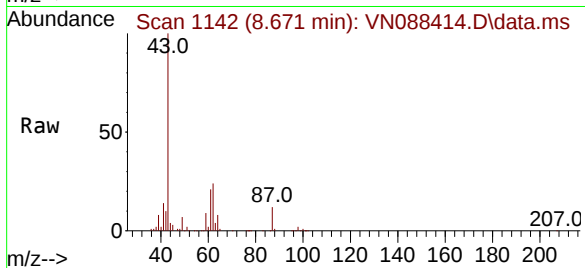
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.2



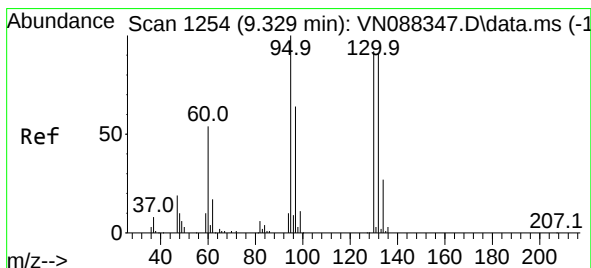
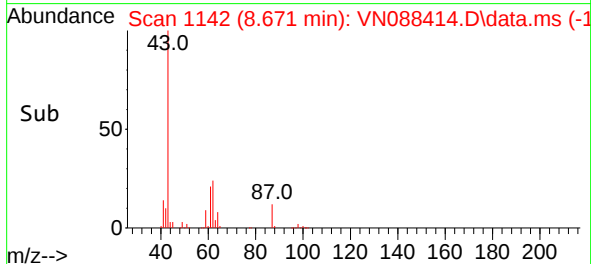
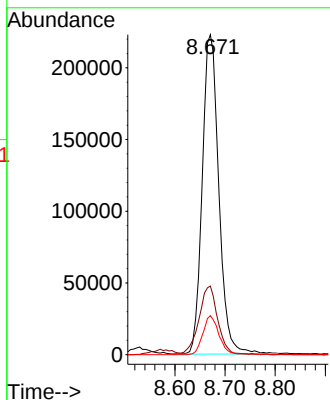


#43
Isopropyl Acetate
Concen: 56.876 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Instrument :
MSVOA_N
ClientSampleId :

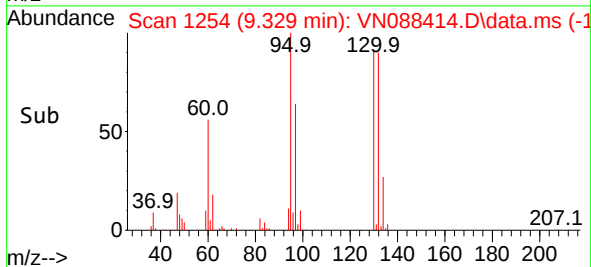
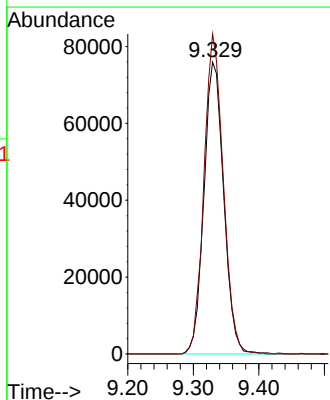
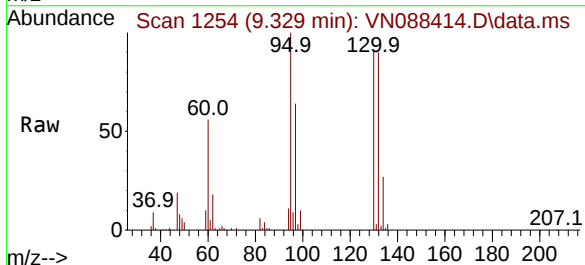


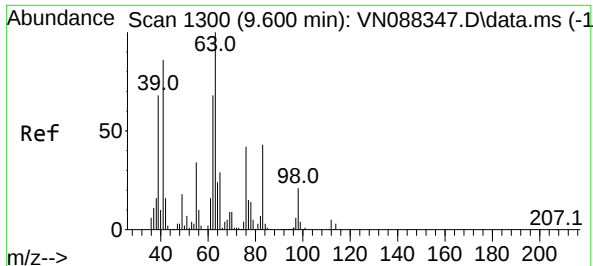
Tgt Ion: 43 Resp: 512167
Ion Ratio Lower Upper
43 100
61 23.8 18.7 28.1
87 11.9 9.1 13.7



#44
Trichloroethene
Concen: 51.261 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion:130 Resp: 159344
Ion Ratio Lower Upper
130 100
95 109.6 0.0 217.0





#45

1,2-Dichloropropane

Concen: 57.085 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088414.D

Acq: 02 Dec 2025 17:04

Instrument :

MSVOA_N

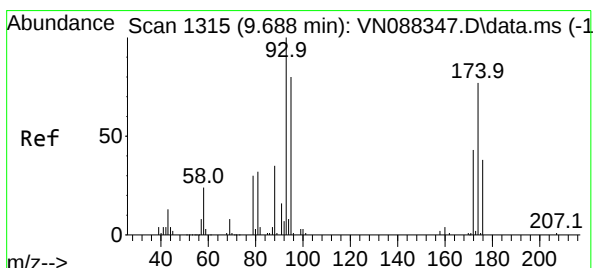
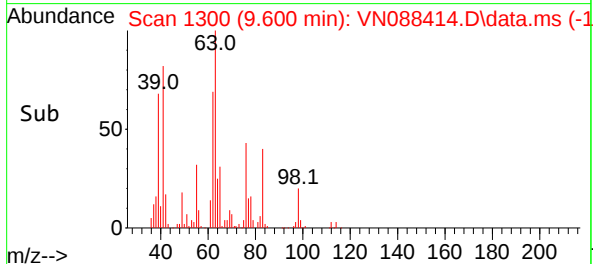
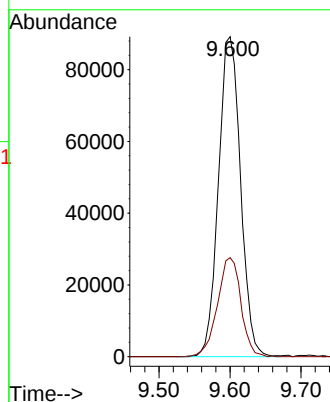
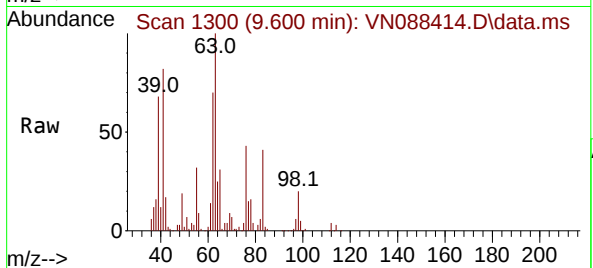
ClientSampleId :

Tgt Ion: 63 Resp: 192411

Ion Ratio Lower Upper

63 100

65 31.0 23.0 34.4



#46

Dibromomethane

Concen: 58.038 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088414.D

Acq: 02 Dec 2025 17:04

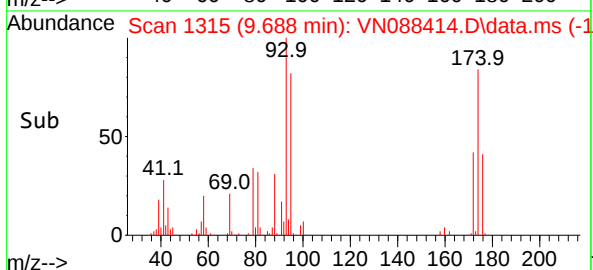
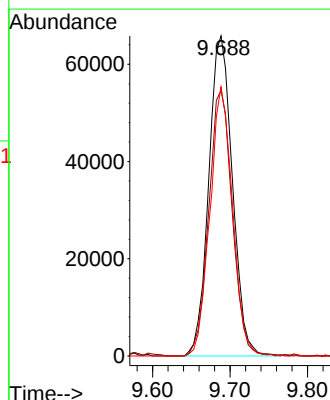
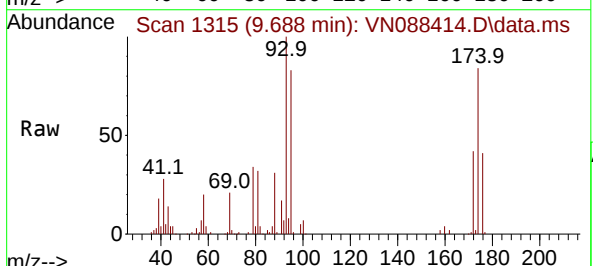
Tgt Ion: 93 Resp: 139609

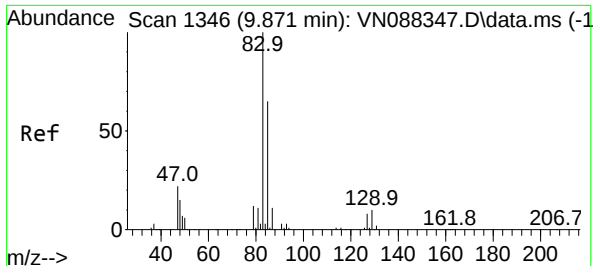
Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.6

174 80.3 64.3 96.5

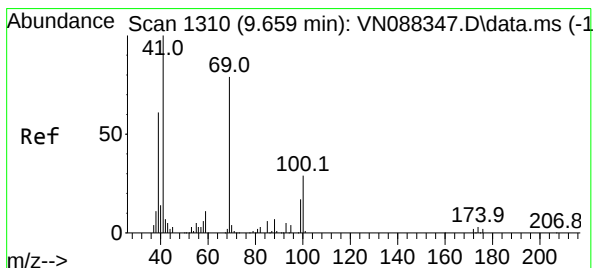
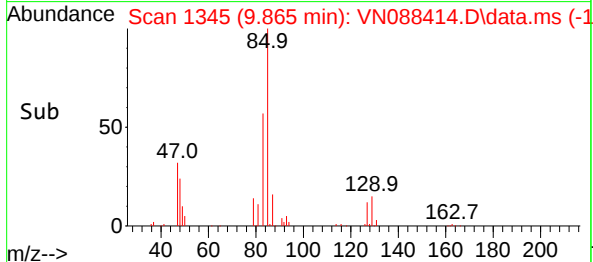
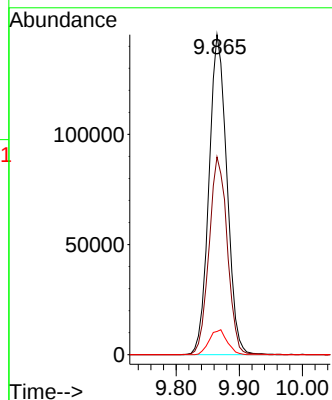
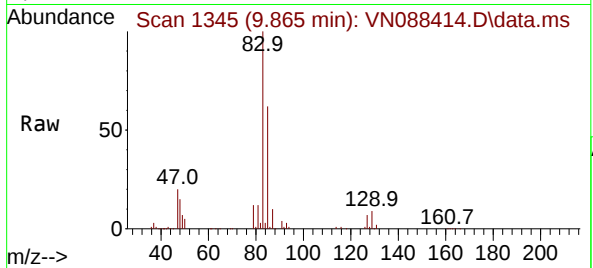




#47
Bromodichloromethane
Concen: 58.281 ug/l
RT: 9.865 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

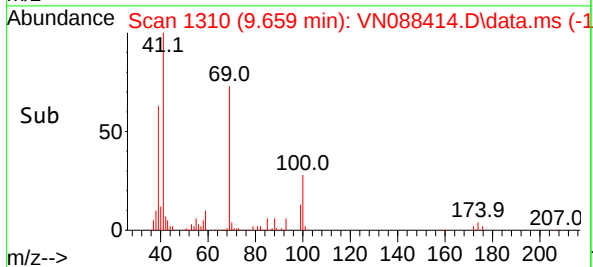
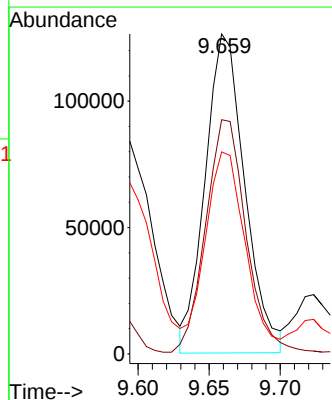
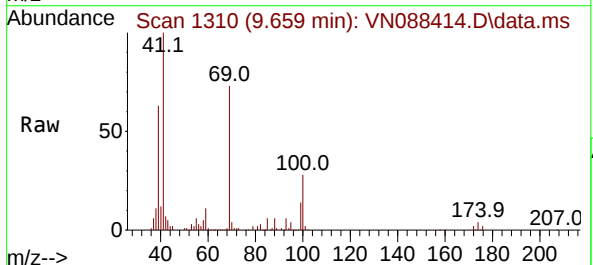
Instrument :
MSVOA_N
ClientSampleId :

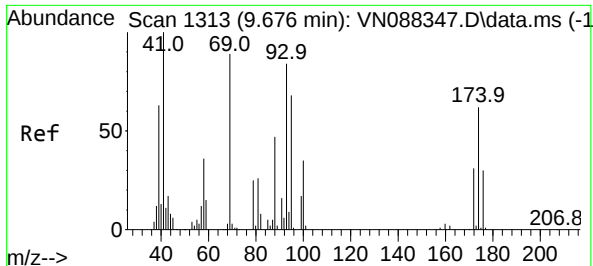
Tgt Ion: 83 Resp: 286050
Ion Ratio Lower Upper
83 100
85 61.8 51.9 77.9
127 7.3 6.3 9.5



#48
Methyl methacrylate
Concen: 59.571 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion: 41 Resp: 244756
Ion Ratio Lower Upper
41 100
69 75.8 62.4 93.6
39 64.8 52.6 79.0





#49

1,4-Dioxane

Concen: 1080.085 ug/l

RT: 9.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN088414.D

Acq: 02 Dec 2025 17:04

Instrument :

MSVOA_N

ClientSampleId :

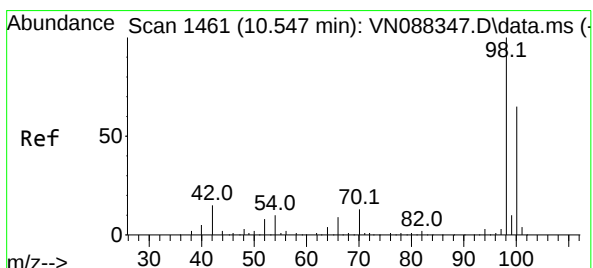
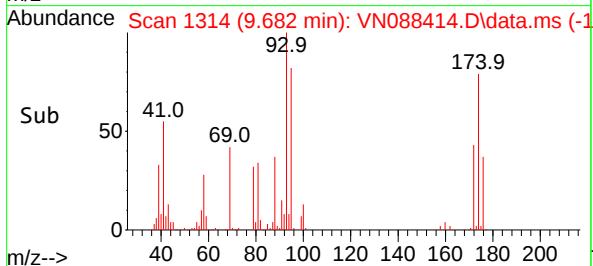
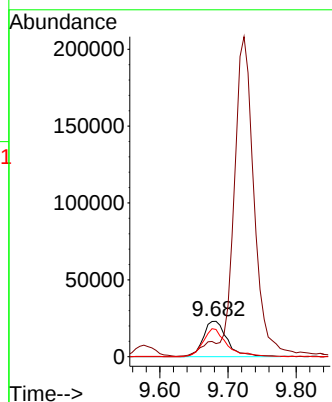
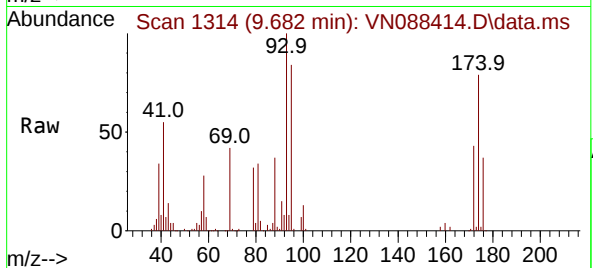
Tgt Ion: 88 Resp: 56436

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 78.3 62.0 93.0



#50

Toluene-d8

Concen: 50.752 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088414.D

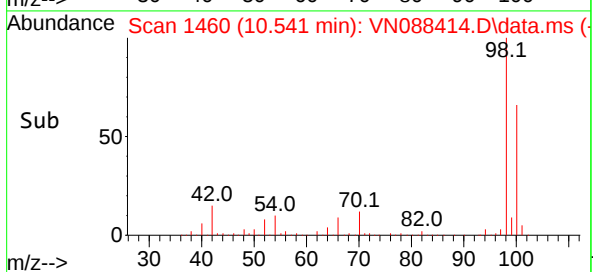
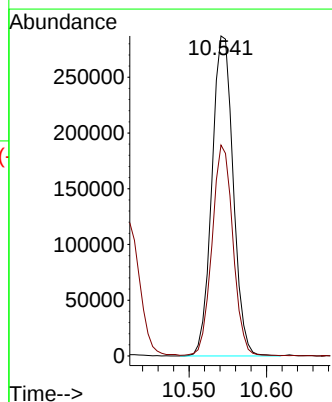
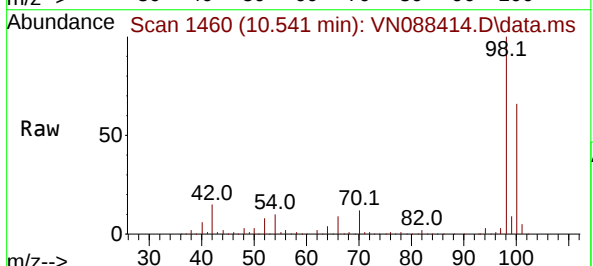
Acq: 02 Dec 2025 17:04

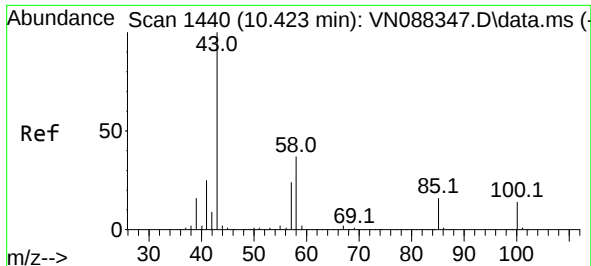
Tgt Ion: 98 Resp: 548446

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2

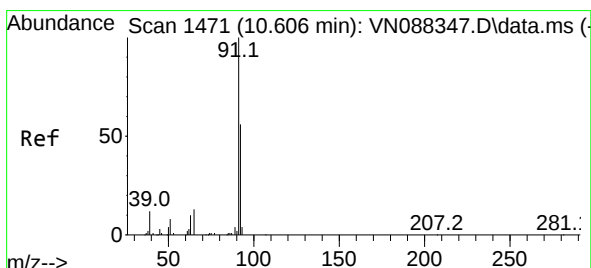
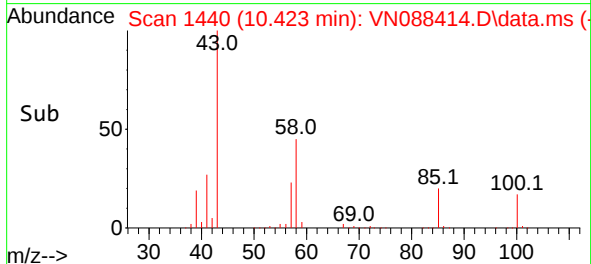
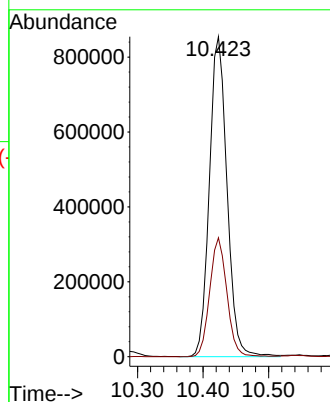
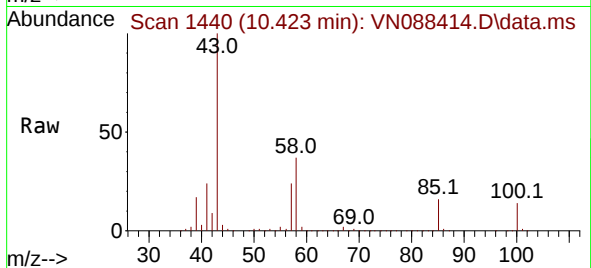




#51
4-Methyl-2-Pentanone
Concen: 300.945 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

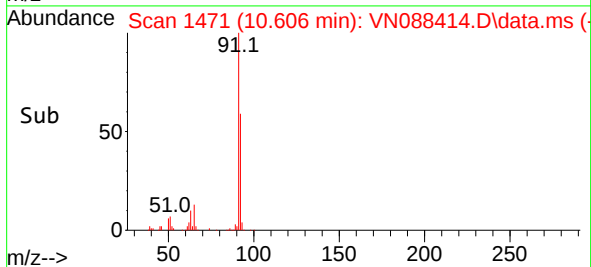
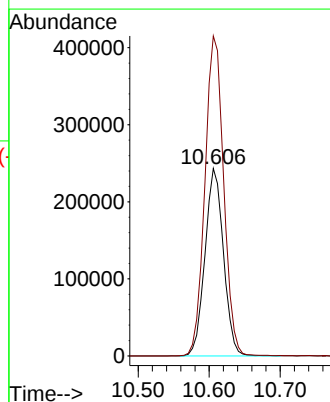
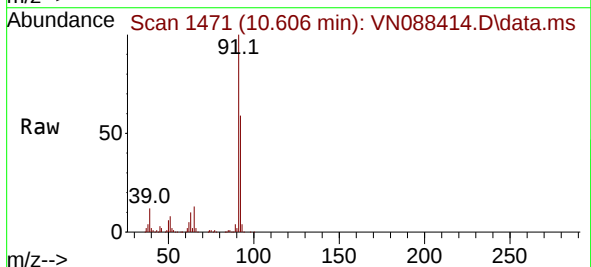
Instrument :
MSVOA_N
ClientSampleId :

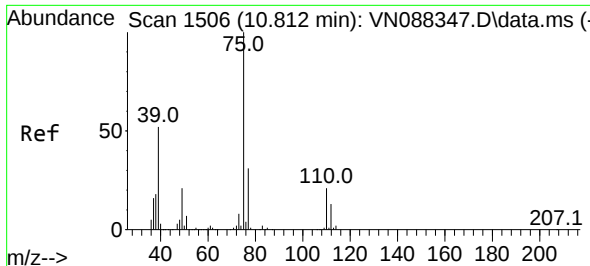
Tgt Ion: 43 Resp: 1597353
Ion Ratio Lower Upper
43 100
58 36.2 29.1 43.7



#52
Toluene
Concen: 58.049 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion: 92 Resp: 440959
Ion Ratio Lower Upper
92 100
91 173.1 140.2 210.2

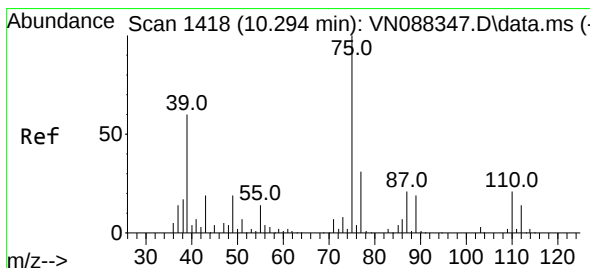
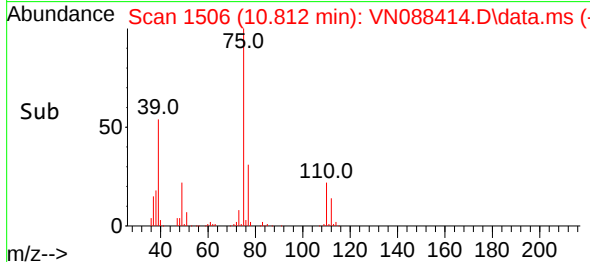
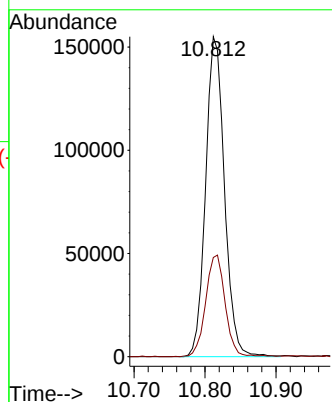
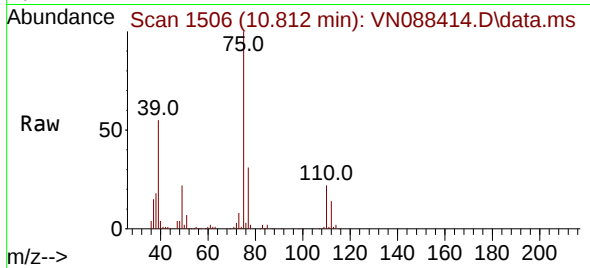




#53
t-1,3-Dichloropropene
Concen: 56.769 ug/l
RT: 10.812 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

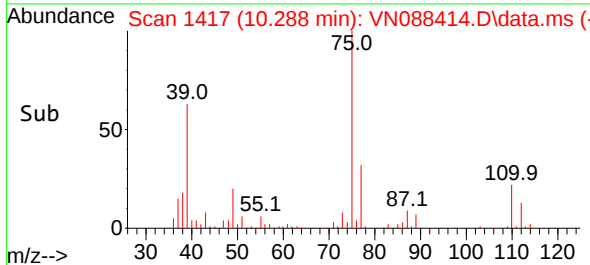
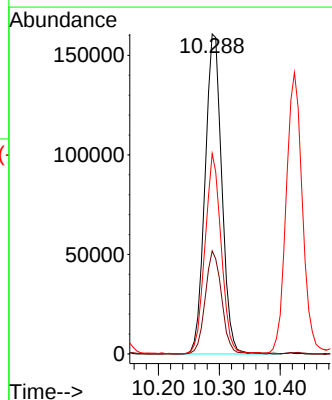
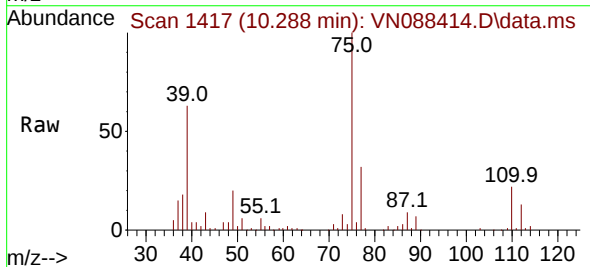
Instrument :
MSVOA_N
ClientSampleId :

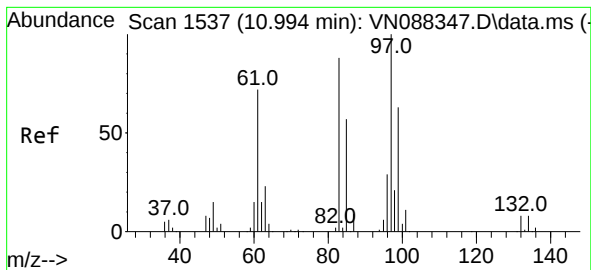
Tgt Ion: 75 Resp: 285998
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 58.087 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion: 75 Resp: 307743
Ion Ratio Lower Upper
75 100
77 32.2 24.5 36.7
39 62.4 48.3 72.5





#55

1,1,2-Trichloroethane

Concen: 57.578 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. -0.000 min

Lab File: VN088414.D

Acq: 02 Dec 2025 17:04

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 169224

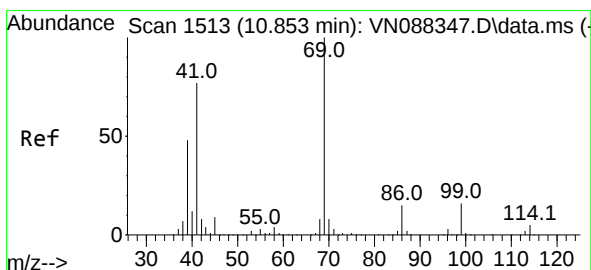
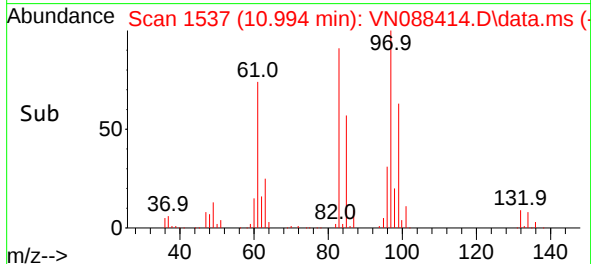
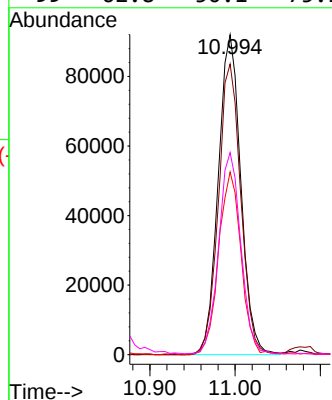
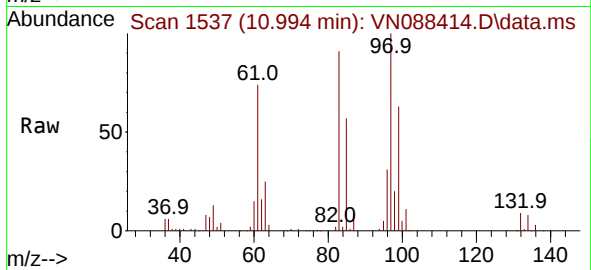
Ion Ratio Lower Upper

97 100

83 90.8 70.4 105.6

85 57.1 45.4 68.2

99 62.8 50.1 75.1



#56

Ethyl methacrylate

Concen: 62.924 ug/l

RT: 10.853 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VN088414.D

Acq: 02 Dec 2025 17:04

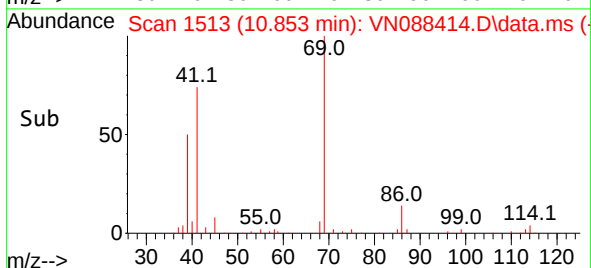
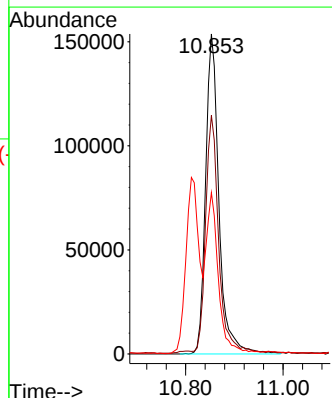
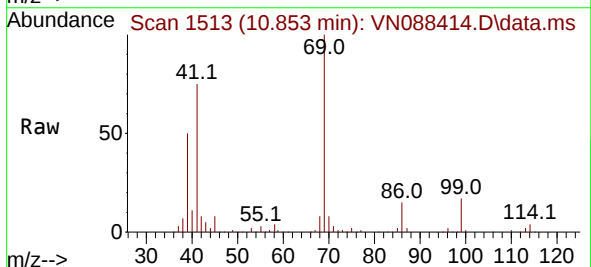
Tgt Ion: 69 Resp: 292128

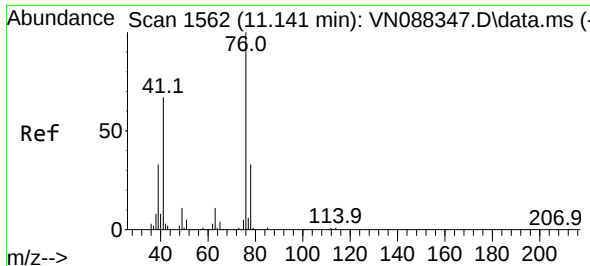
Ion Ratio Lower Upper

69 100

41 72.4 59.6 89.4

39 44.4 36.4 54.6

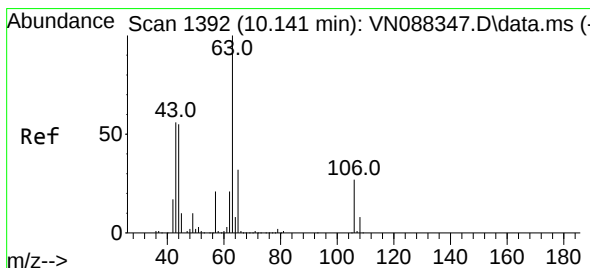
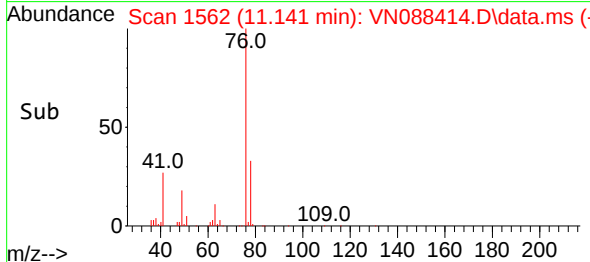
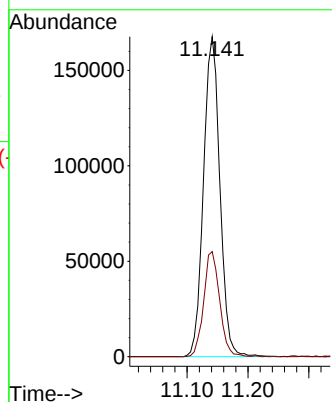
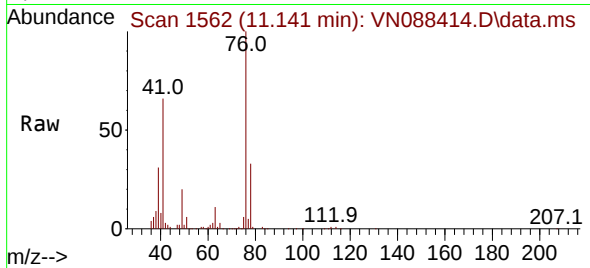




#57
1,3-Dichloropropane
Concen: 59.190 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

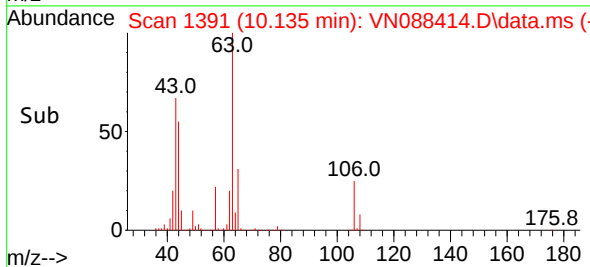
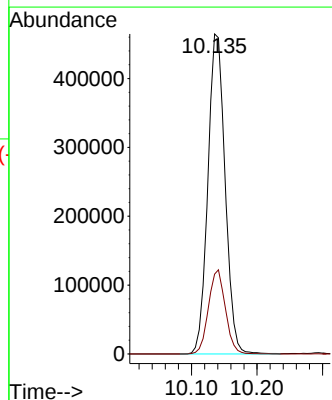
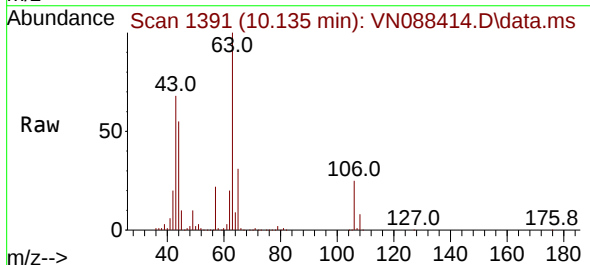
Instrument :
MSVOA_N
ClientSampleId :

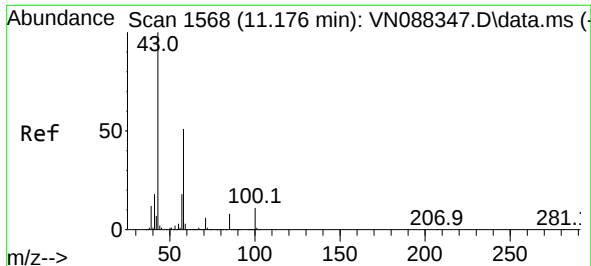
Tgt Ion: 76 Resp: 313832
Ion Ratio Lower Upper
76 100
78 32.0 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 317.890 ug/l
RT: 10.135 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion: 63 Resp: 850829
Ion Ratio Lower Upper
63 100
106 25.7 20.5 30.7

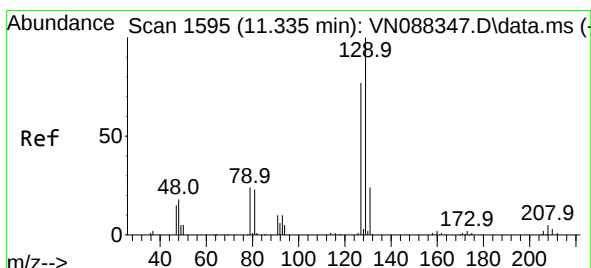
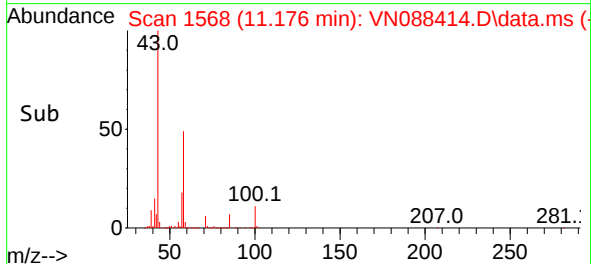
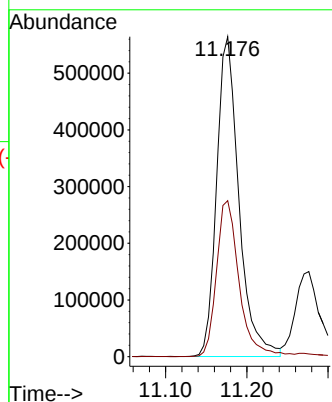
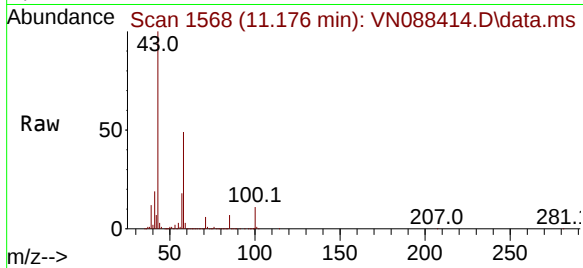




#59
2-Hexanone
Concen: 321.499 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

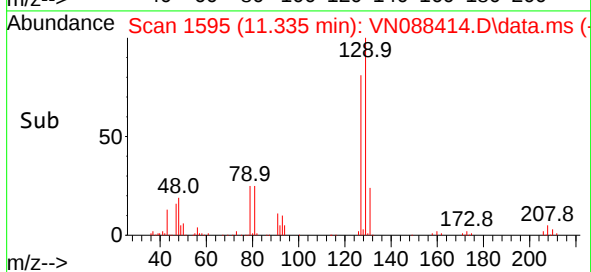
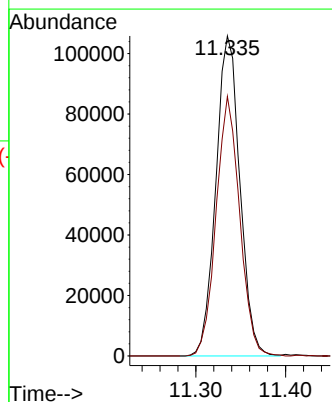
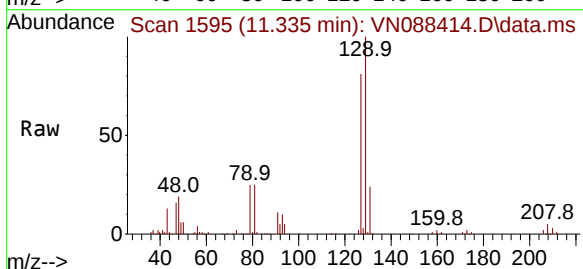
Instrument :
MSVOA_N
ClientSampleId :

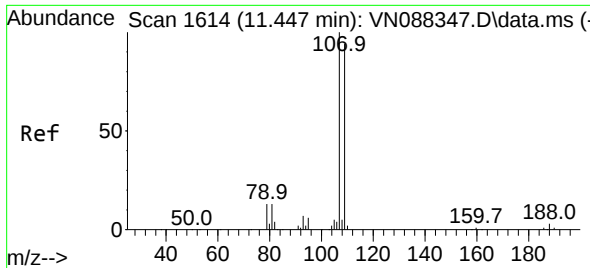
Tgt Ion: 43 Resp: 1074989
Ion Ratio Lower Upper
43 100
58 49.8 25.3 75.9



#60
Dibromochloromethane
Concen: 58.742 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion:129 Resp: 196813
Ion Ratio Lower Upper
129 100
127 79.6 38.2 114.6

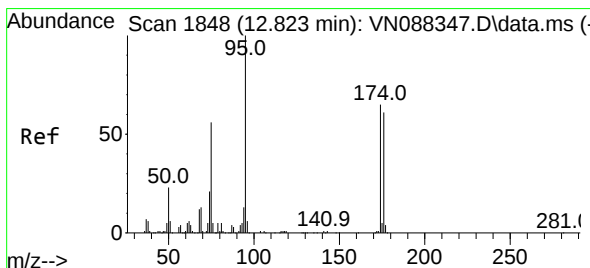
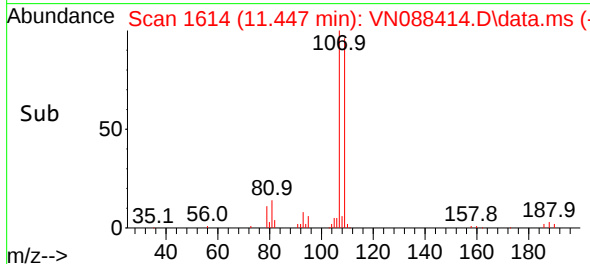
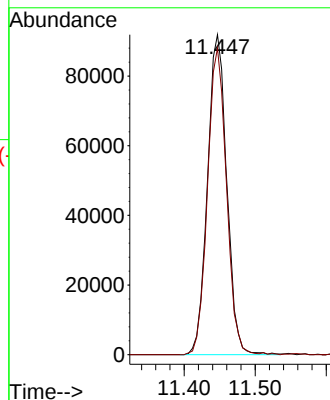
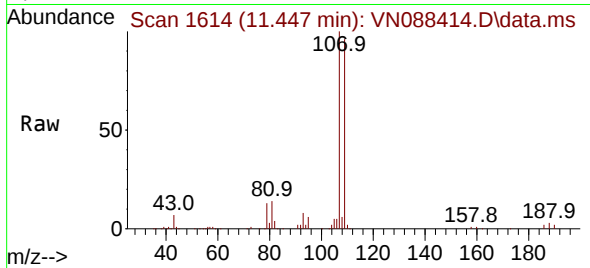




#61
1,2-Dibromoethane
Concen: 58.192 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

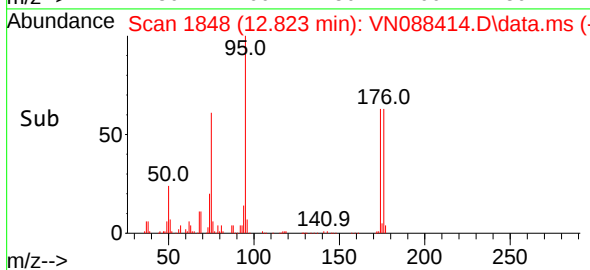
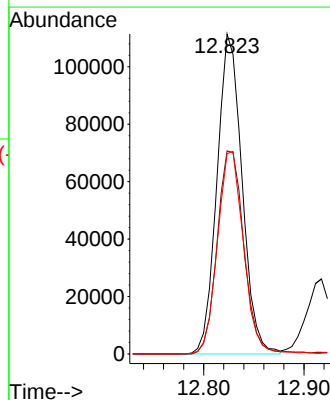
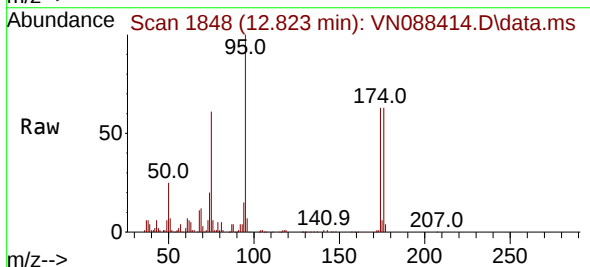
Instrument :
MSVOA_N
ClientSampleId :

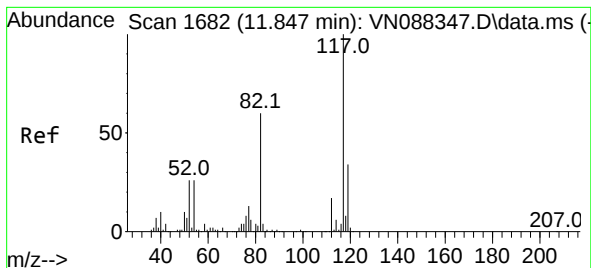
Tgt Ion:107 Resp: 173191
Ion Ratio Lower Upper
107 100
109 94.0 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 52.100 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion: 95 Resp: 193180
Ion Ratio Lower Upper
95 100
174 67.7 0.0 139.0
176 66.1 0.0 132.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.841 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088414.D

Acq: 02 Dec 2025 17:04

Instrument :

MSVOA_N

ClientSampleId :

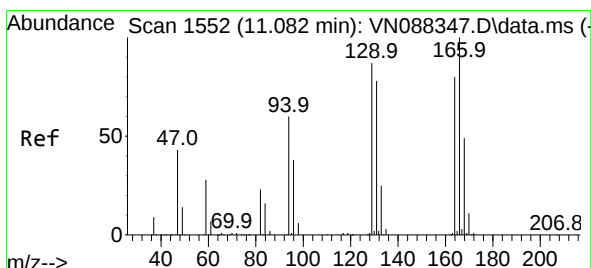
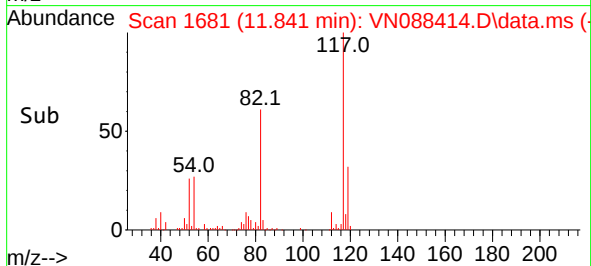
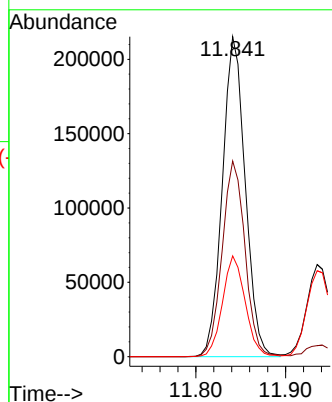
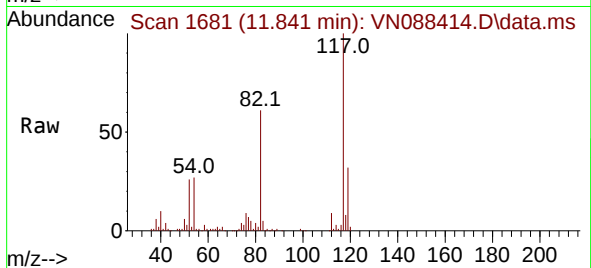
Tgt Ion:117 Resp: 380921

Ion Ratio Lower Upper

117 100

82 61.2 47.8 71.8

119 31.5 26.9 40.3



#64

Tetrachloroethene

Concen: 45.453 ug/l

RT: 11.076 min Scan# 1551

Delta R.T. -0.006 min

Lab File: VN088414.D

Acq: 02 Dec 2025 17:04

Tgt Ion:164 Resp: 137260

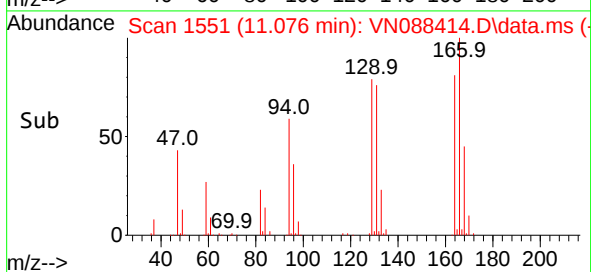
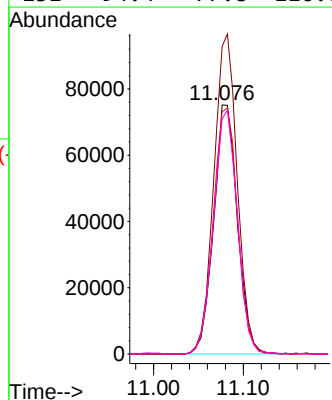
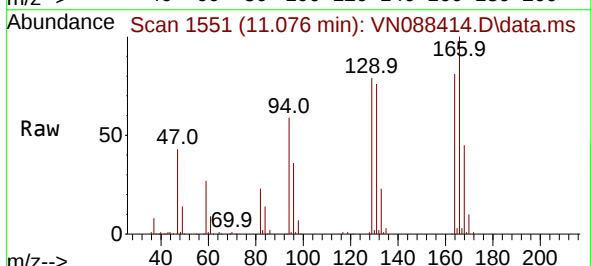
Ion Ratio Lower Upper

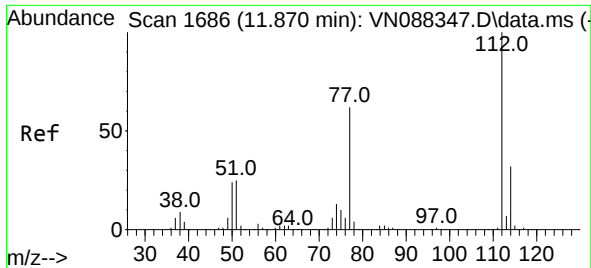
164 100

166 123.5 99.6 149.4

129 97.3 86.6 129.8

131 94.4 77.8 116.6

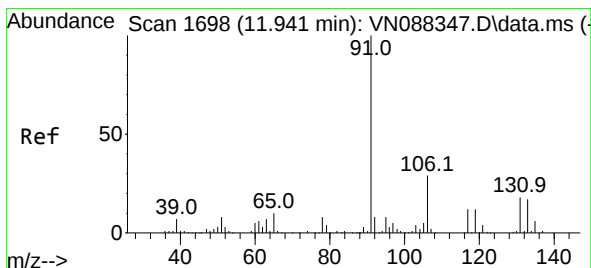
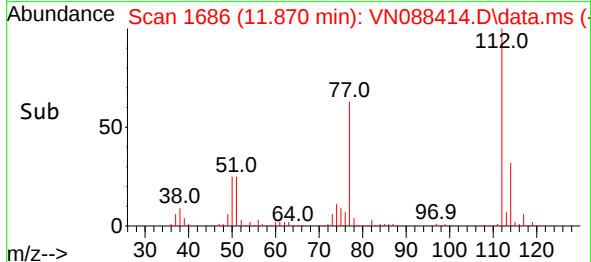
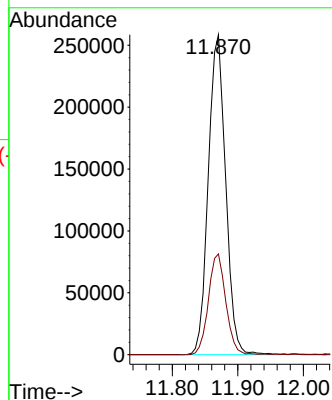
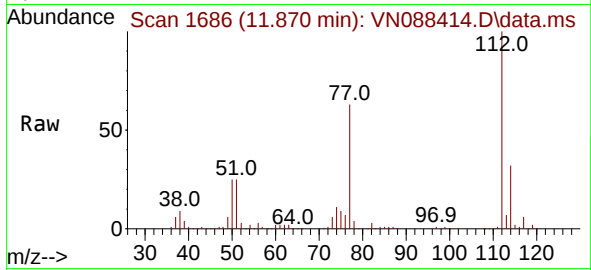




#65
Chlorobenzene
Concen: 55.615 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

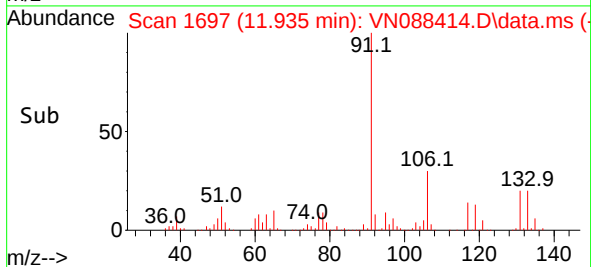
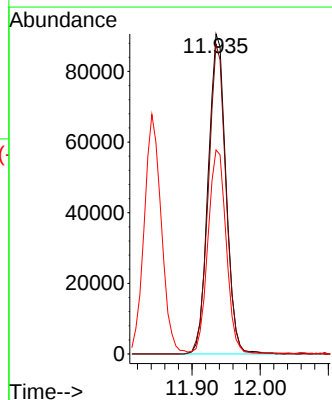
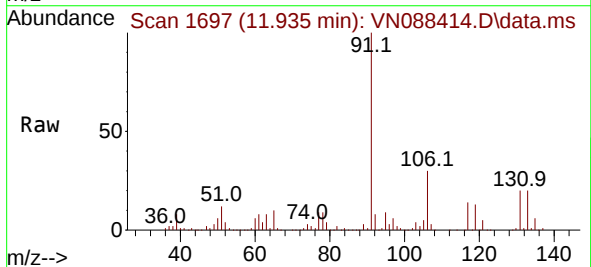
Instrument :
MSVOA_N
ClientSampleId :

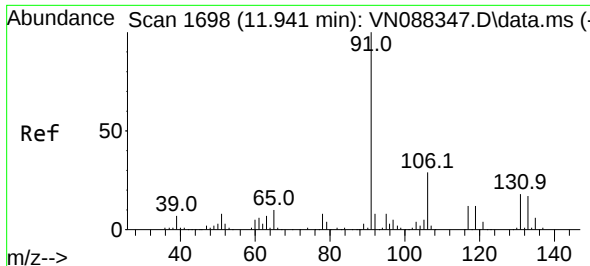
Tgt Ion:112 Resp: 475853
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 56.889 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

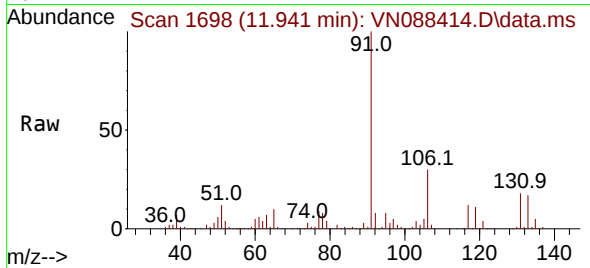
Tgt Ion:131 Resp: 164169
Ion Ratio Lower Upper
131 100
133 96.1 47.4 142.2
119 65.0 33.4 100.1



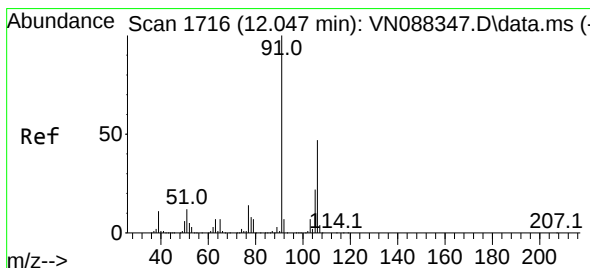
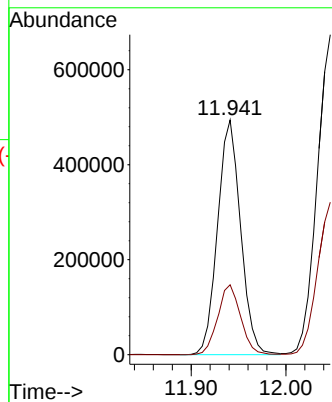
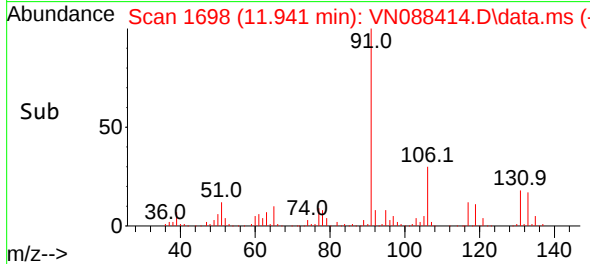


#67
Ethyl Benzene
Concen: 55.860 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Instrument :
MSVOA_N
ClientSampleId :

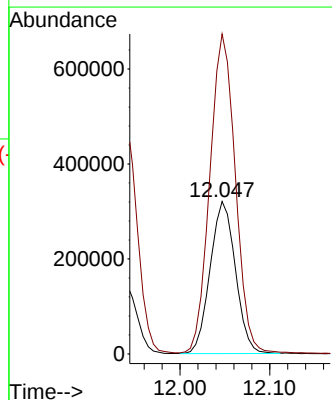
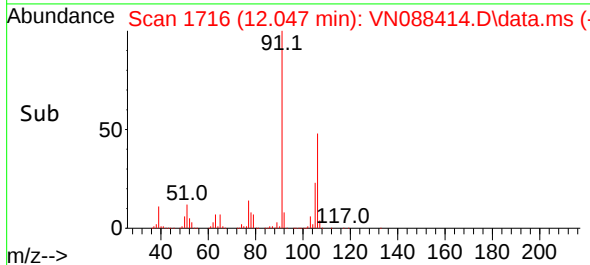
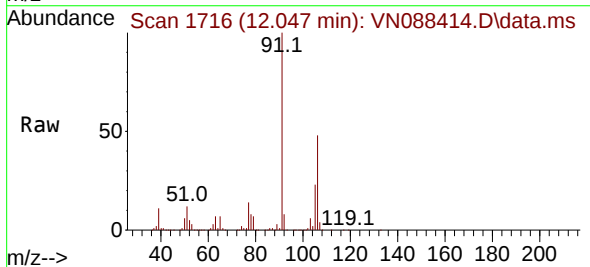


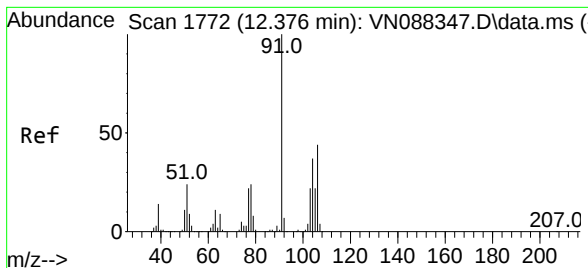
Tgt Ion: 91 Resp: 835365
Ion Ratio Lower Upper
91 100
106 29.8 23.6 35.4



#68
m/p-Xylenes
Concen: 113.365 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion:106 Resp: 628567
Ion Ratio Lower Upper
106 100
91 212.9 167.8 251.6

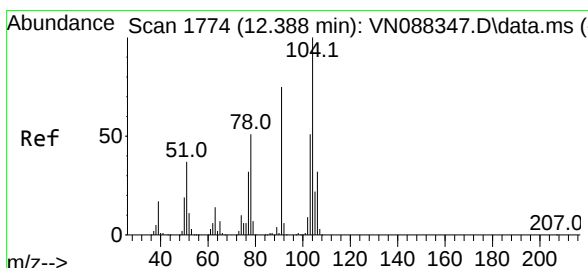
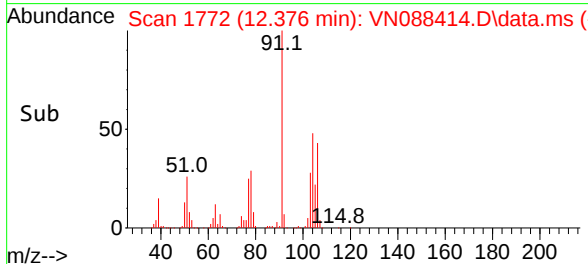
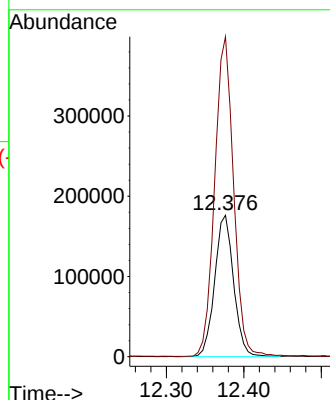
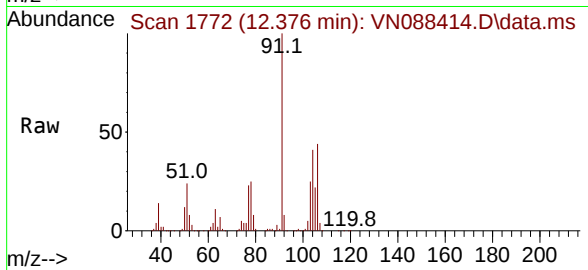




#69
o-Xylene
Concen: 56.581 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

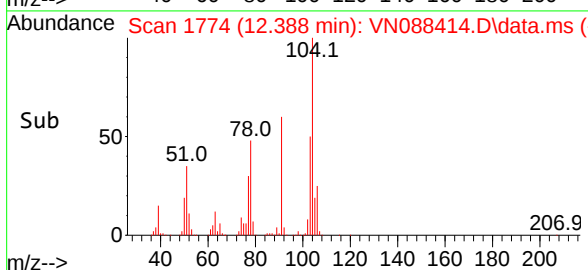
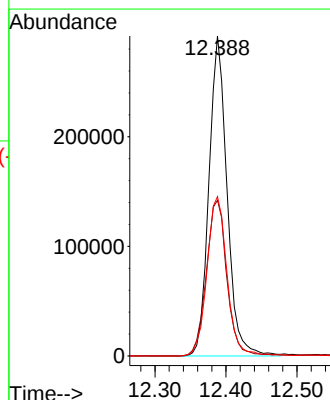
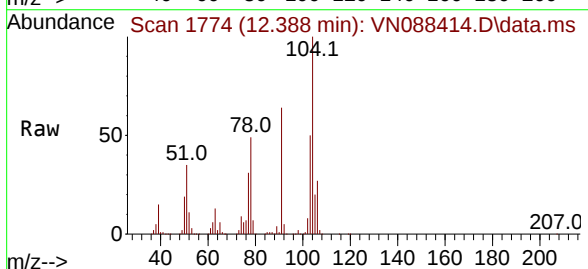
Instrument :
MSVOA_N
ClientSampleId :

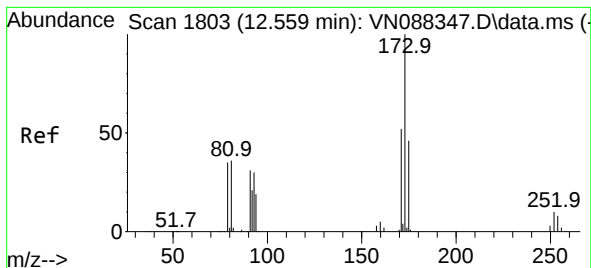
Tgt Ion:106 Resp: 299090
Ion Ratio Lower Upper
106 100
91 225.2 112.9 338.7



#70
Styrene
Concen: 60.400 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion:104 Resp: 518415
Ion Ratio Lower Upper
104 100
78 55.2 44.3 66.5
103 55.2 44.2 66.4





#71

Bromoform

Concen: 59.429 ug/l

RT: 12.559 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088414.D

Acq: 02 Dec 2025 17:04

Instrument :

MSVOA_N

ClientSampleId :

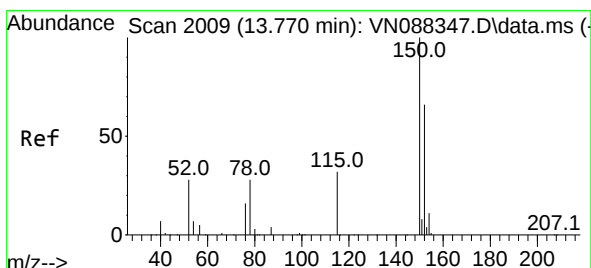
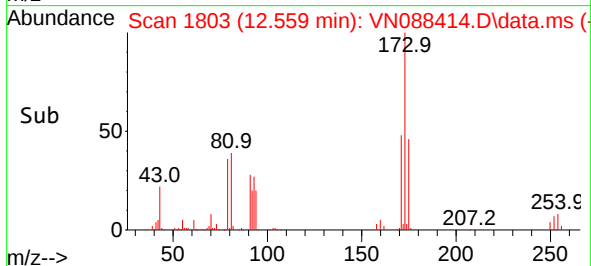
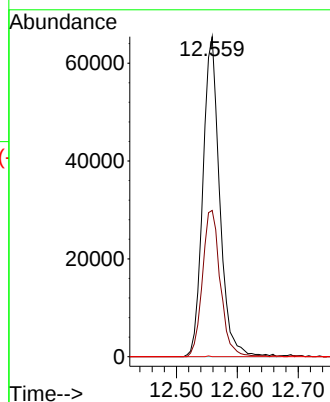
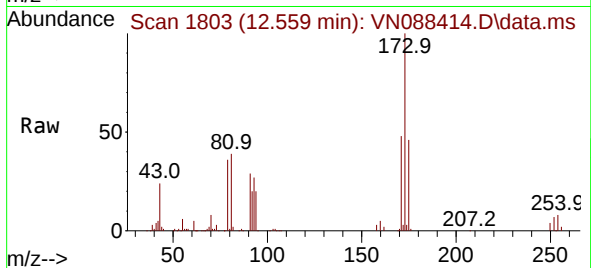
Tgt Ion:173 Resp: 125614

Ion Ratio Lower Upper

173 100

175 48.4 23.9 71.8

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. -0.000 min

Lab File: VN088414.D

Acq: 02 Dec 2025 17:04

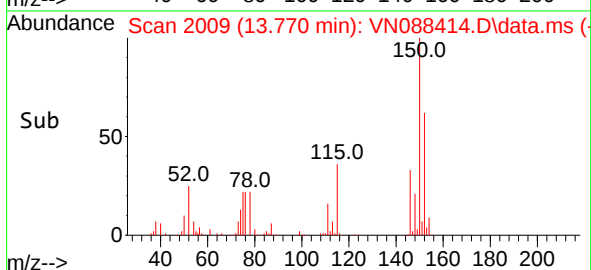
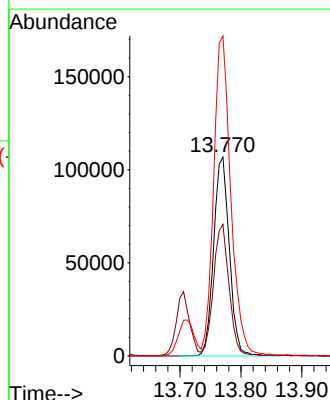
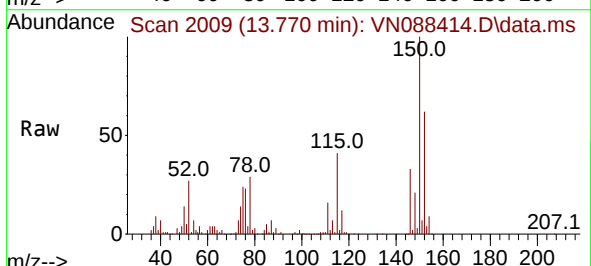
Tgt Ion:152 Resp: 191653

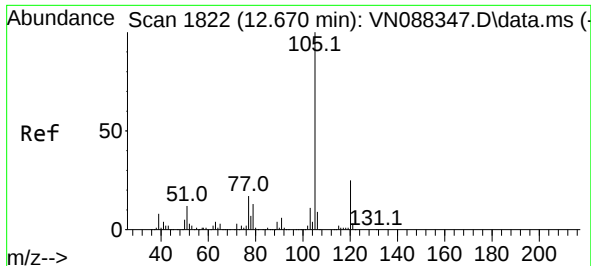
Ion Ratio Lower Upper

152 100

115 65.0 33.0 98.9

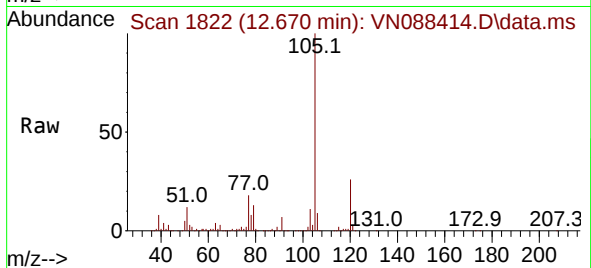
150 175.1 0.0 349.0



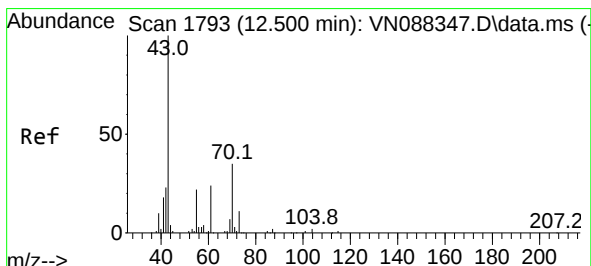
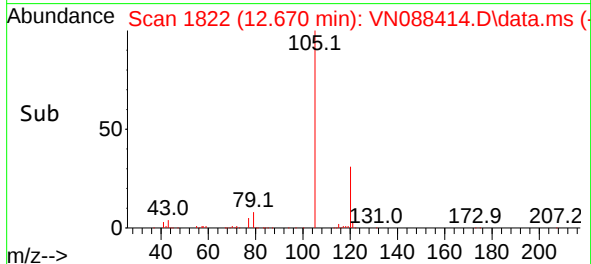
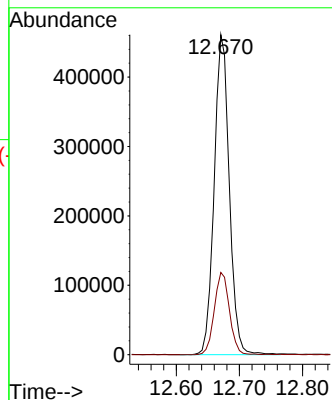


#73
Isopropylbenzene
Concen: 54.038 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Instrument :
MSVOA_N
ClientSampleId :

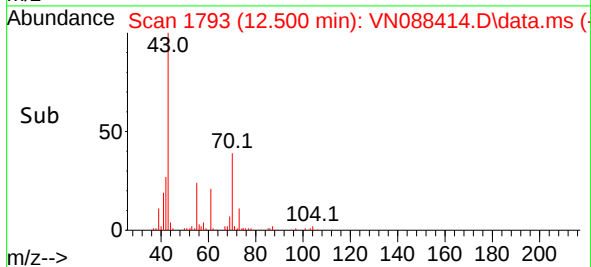
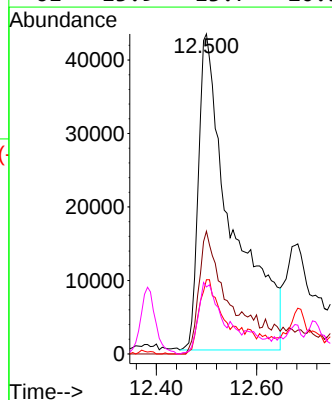
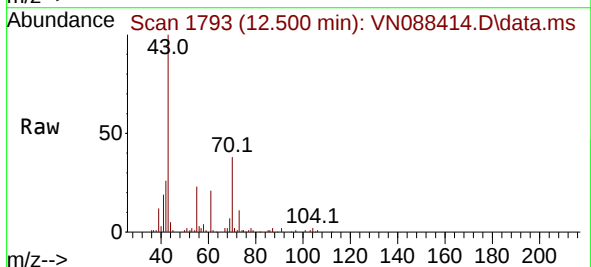


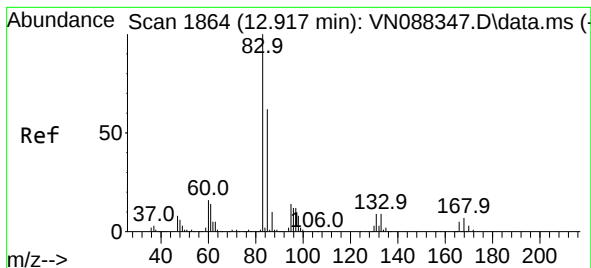
Tgt Ion:105 Resp: 765742
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.3



#74
N-ethyl acetate
Concen: 41.279 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion: 43 Resp: 199210
Ion Ratio Lower Upper
43 100
70 27.6 28.3 42.5#
55 17.9 17.7 26.5
61 13.9 13.7 20.5

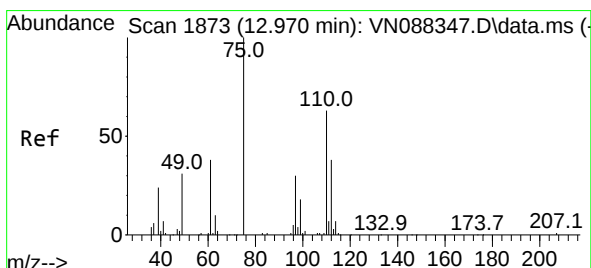
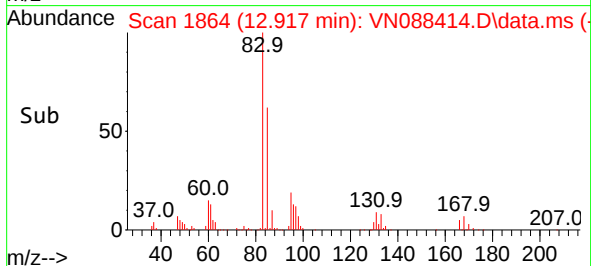
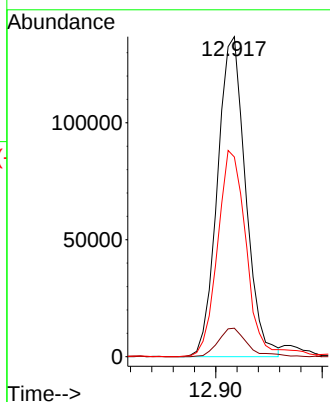
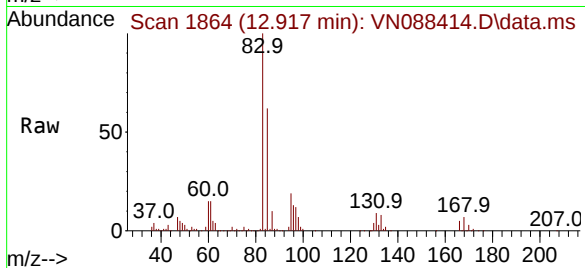




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.751 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN088414.D
 Acq: 02 Dec 2025 17:04

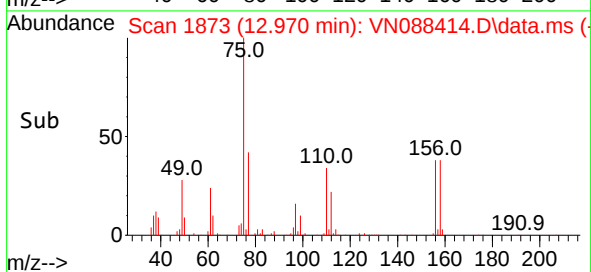
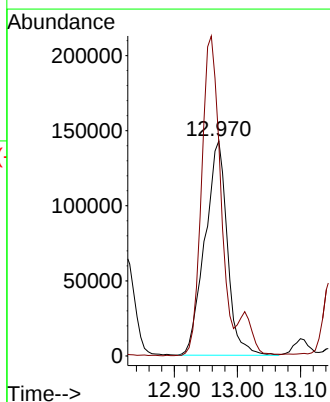
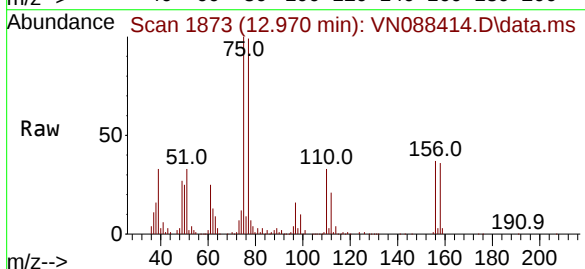
Instrument :
 MSVOA_N
 ClientSampleId :

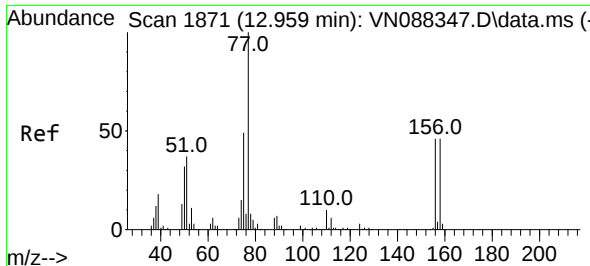
Tgt Ion: 83 Resp: 250820
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.8 14.4
 85 66.6 32.1 96.5



#76
 1,2,3-Trichloropropane
 Concen: 78.206 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN088414.D
 Acq: 02 Dec 2025 17:04

Tgt Ion: 75 Resp: 351054
 Ion Ratio Lower Upper
 75 100
 77 124.8 87.2 261.6

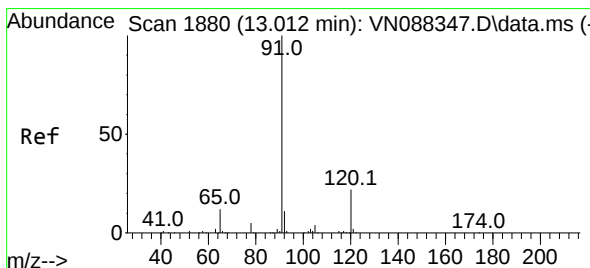
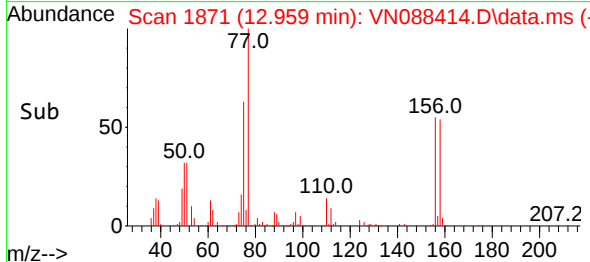
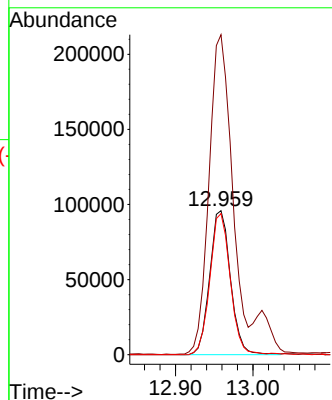
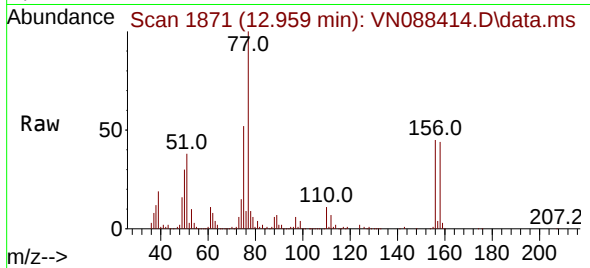




#77
Bromobenzene
Concen: 55.058 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

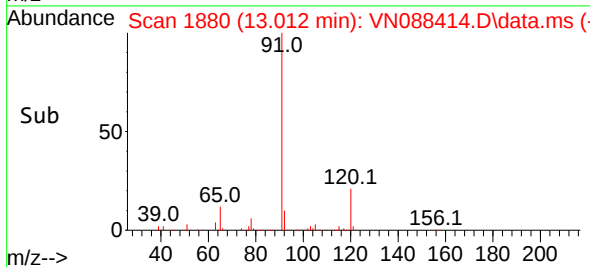
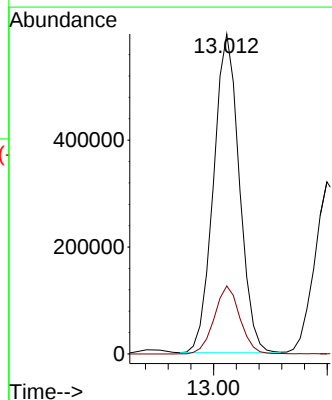
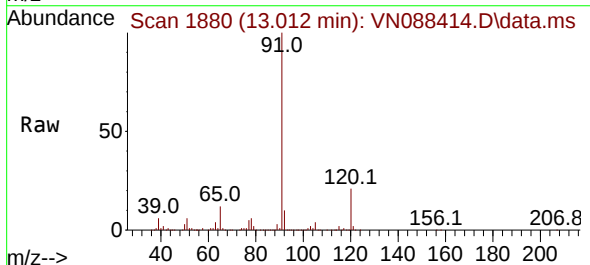
Instrument :
MSVOA_N
ClientSampleId :

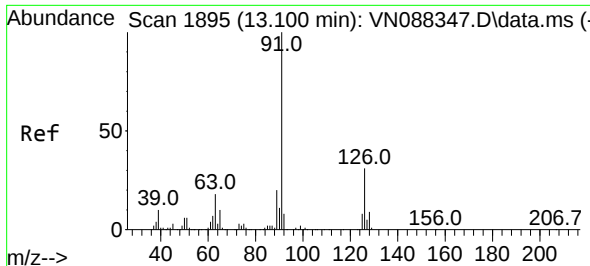
Tgt Ion:156 Resp: 178514
Ion Ratio Lower Upper
156 100
77 245.4 121.6 364.7
158 95.8 48.6 145.8



#78
n-propylbenzene
Concen: 54.257 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion: 91 Resp: 940593
Ion Ratio Lower Upper
91 100
120 21.4 10.9 32.6

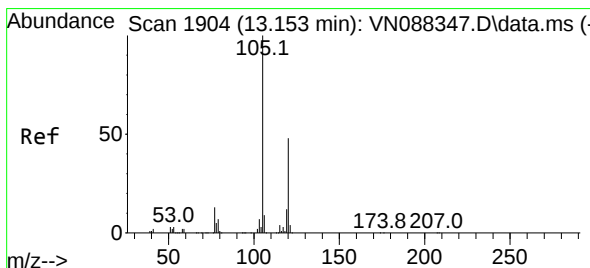
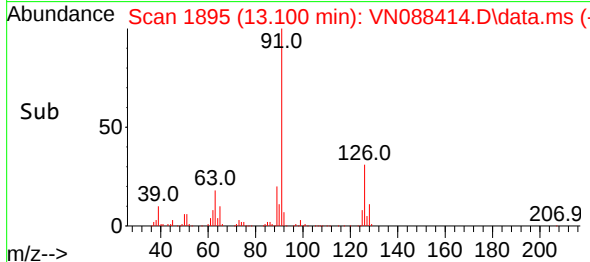
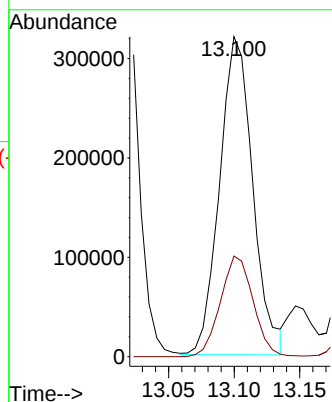
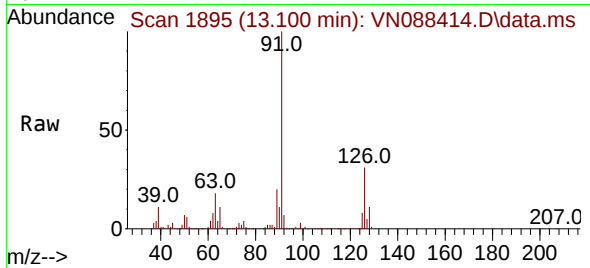




#79
2-Chlorotoluene
Concen: 53.229 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

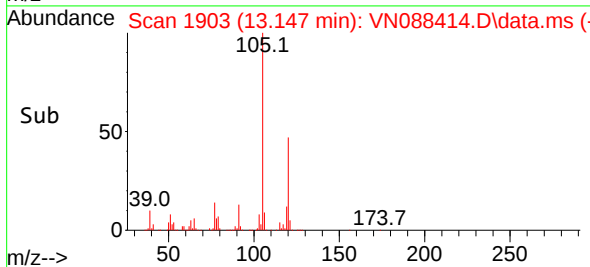
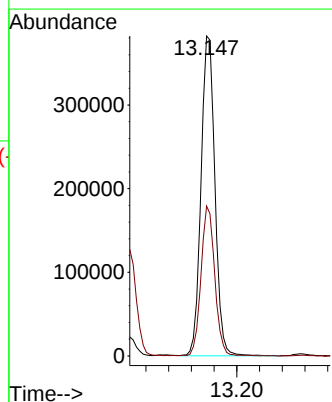
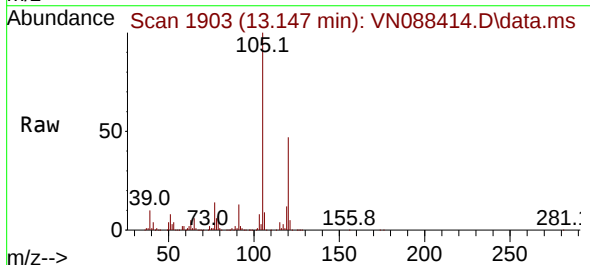
Instrument :
MSVOA_N
ClientSampleId :

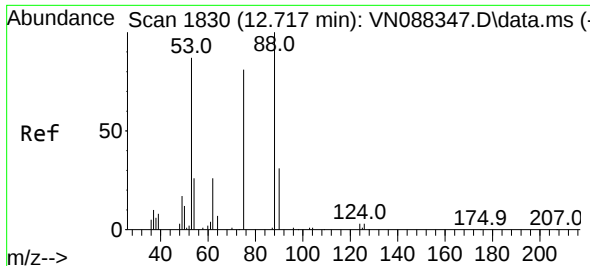
Tgt Ion: 91 Resp: 563508
Ion Ratio Lower Upper
91 100
126 31.2 15.3 45.9



#80
1,3,5-Trimethylbenzene
Concen: 55.329 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion:105 Resp: 649692
Ion Ratio Lower Upper
105 100
120 46.5 23.8 71.5

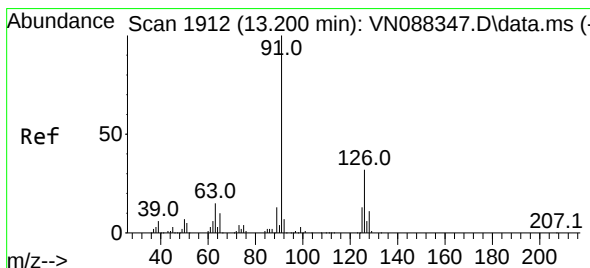
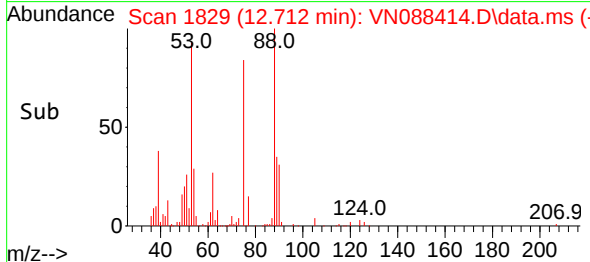
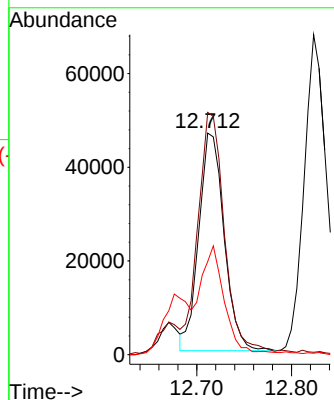
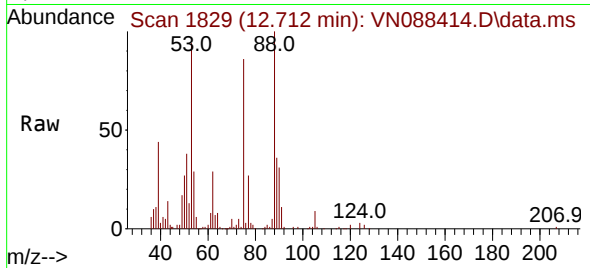




#81
trans-1,4-Dichloro-2-butene
Concen: 54.618 ug/l
RT: 12.712 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

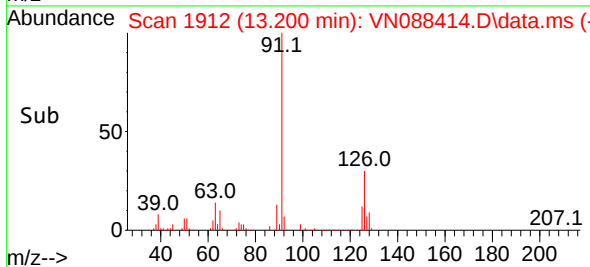
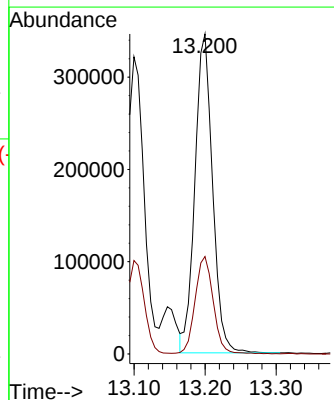
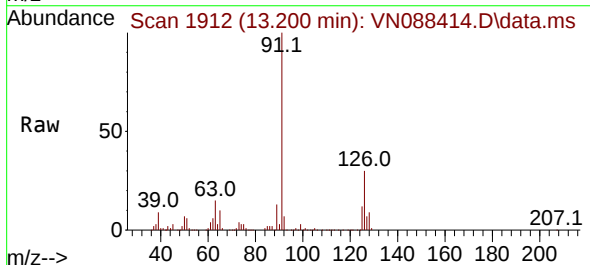
Instrument :
MSVOA_N
ClientSampleId :

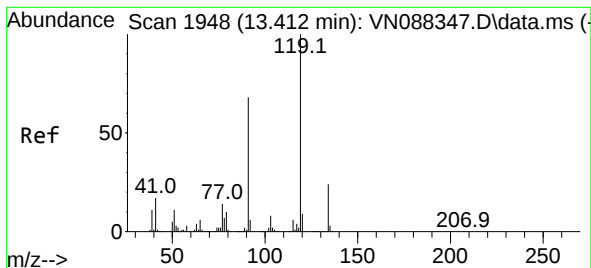
Tgt Ion: 75 Resp: 86421
Ion Ratio Lower Upper
75 100
53 115.6 92.2 138.4
89 45.6 0.0 0.0#



#82
4-Chlorotoluene
Concen: 56.841 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion: 91 Resp: 597677
Ion Ratio Lower Upper
91 100
126 31.5 15.6 46.7





#83

tert-Butylbenzene

Concen: 53.885 ug/l

RT: 13.412 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VN088414.D

Acq: 02 Dec 2025 17:04

Instrument :

MSVOA_N

ClientSampleId :

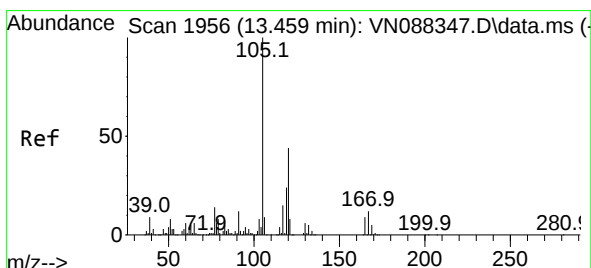
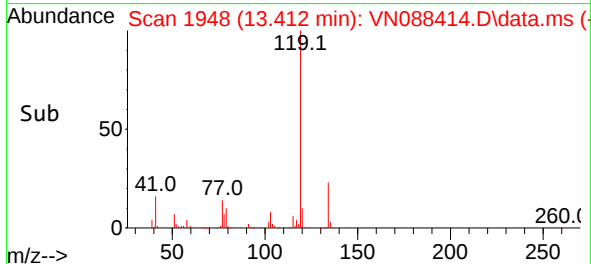
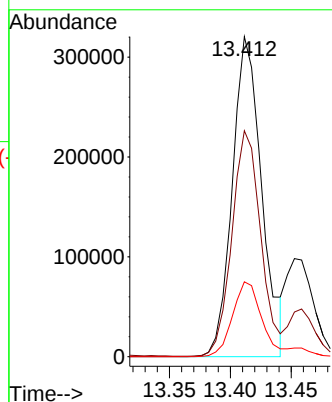
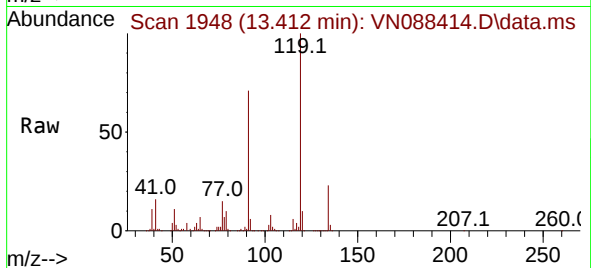
Tgt Ion:119 Resp: 537872

Ion Ratio Lower Upper

119 100

91 69.1 35.1 105.3

134 25.2 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 56.692 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN088414.D

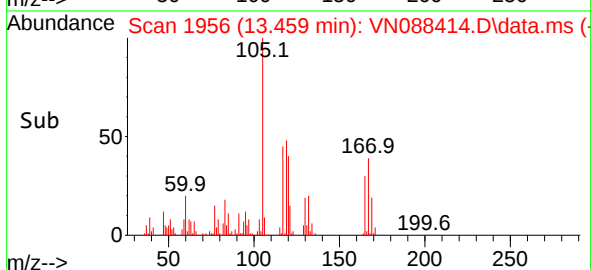
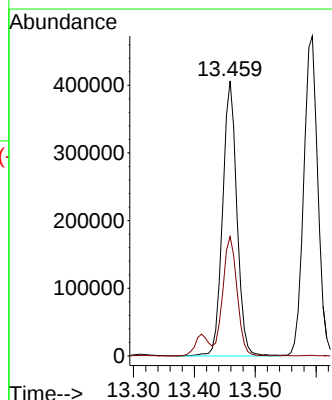
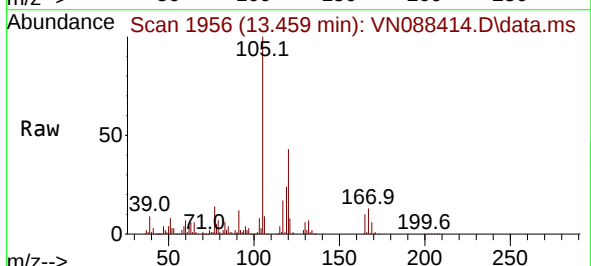
Acq: 02 Dec 2025 17:04

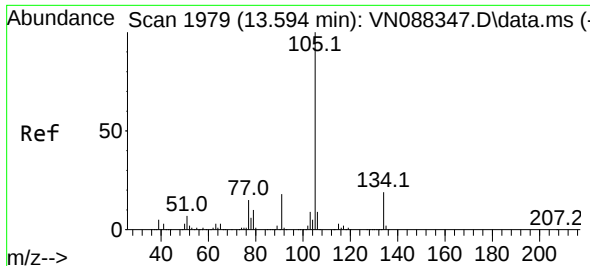
Tgt Ion:105 Resp: 661669

Ion Ratio Lower Upper

105 100

120 43.4 22.1 66.1

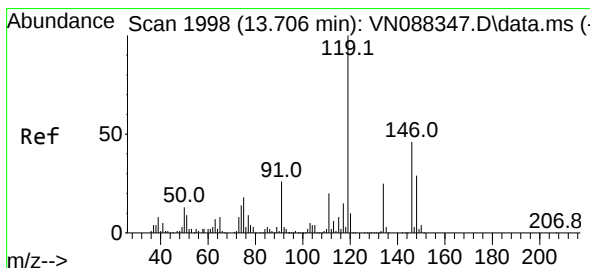
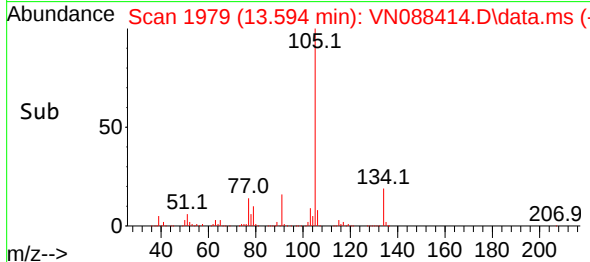
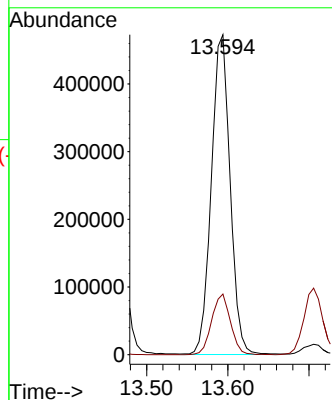
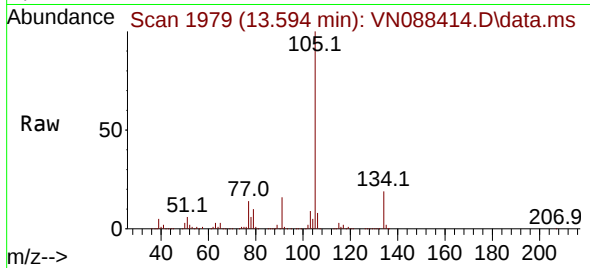




#85
sec-Butylbenzene
Concen: 52.948 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

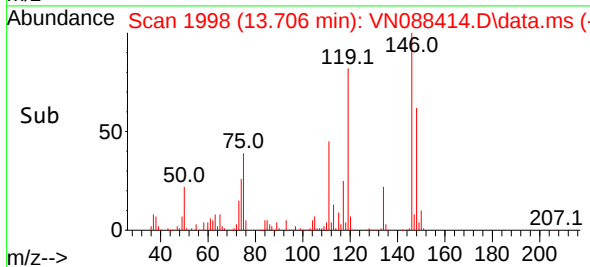
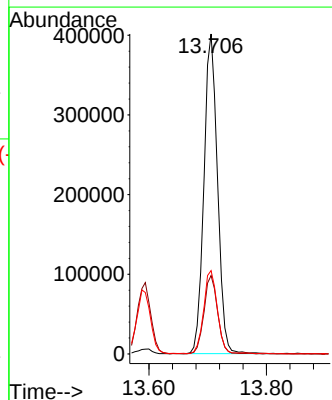
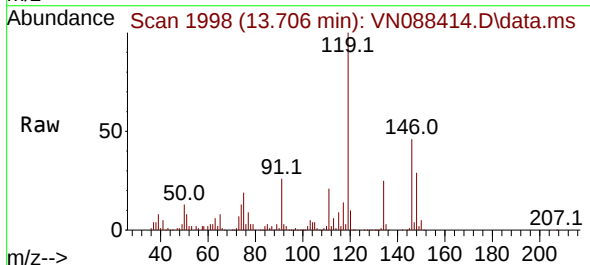
Instrument :
MSVOA_N
ClientSampleId :

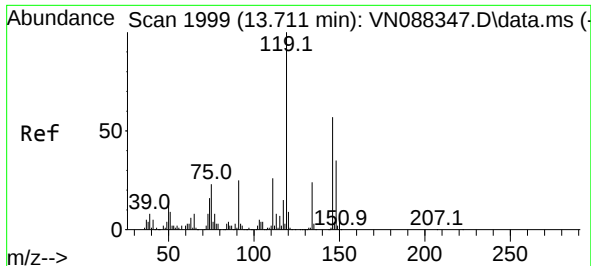
Tgt Ion:105 Resp: 759272
Ion Ratio Lower Upper
105 100
134 18.9 9.5 28.5



#86
p-Isopropyltoluene
Concen: 54.575 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion:119 Resp: 641738
Ion Ratio Lower Upper
119 100
134 24.7 12.2 36.6
91 26.0 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 55.297 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN088414.D

Acq: 02 Dec 2025 17:04

Instrument :

MSVOA_N

ClientSampleId :

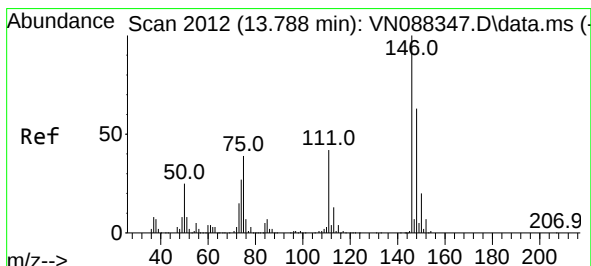
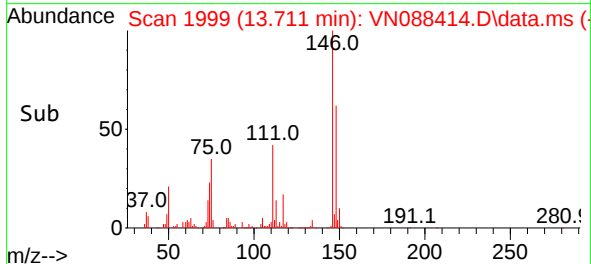
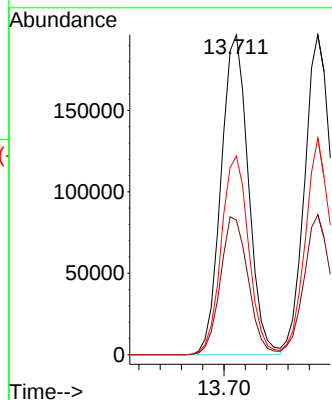
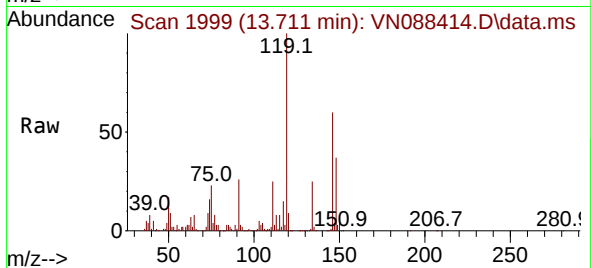
Tgt Ion:146 Resp: 349011

Ion Ratio Lower Upper

146 100

111 43.9 22.4 67.0

148 62.5 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 52.634 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088414.D

Acq: 02 Dec 2025 17:04

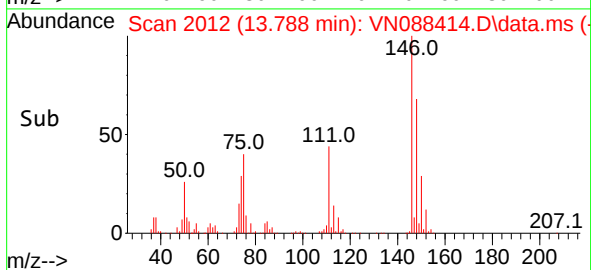
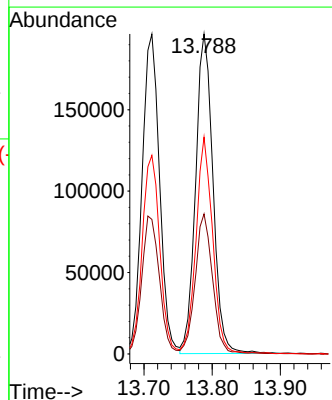
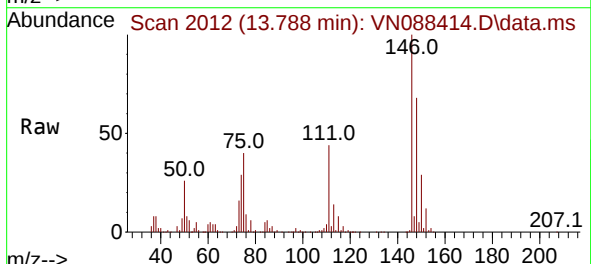
Tgt Ion:146 Resp: 347979

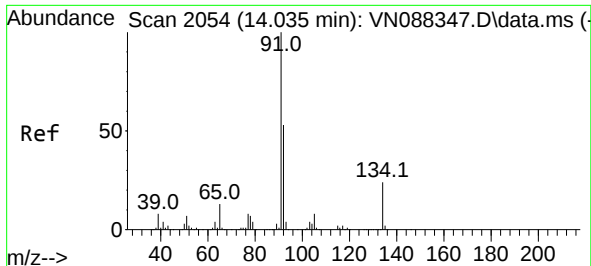
Ion Ratio Lower Upper

146 100

111 42.9 21.6 64.6

148 64.2 31.0 93.0

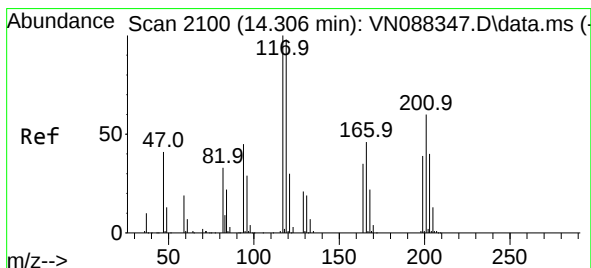
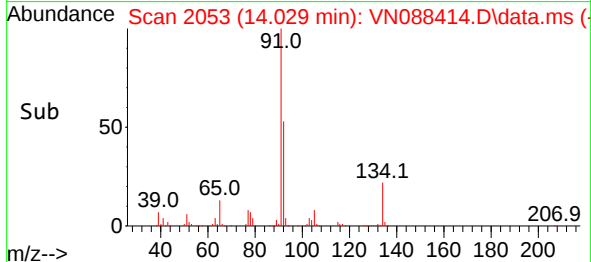
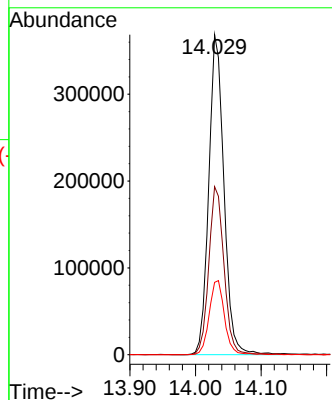
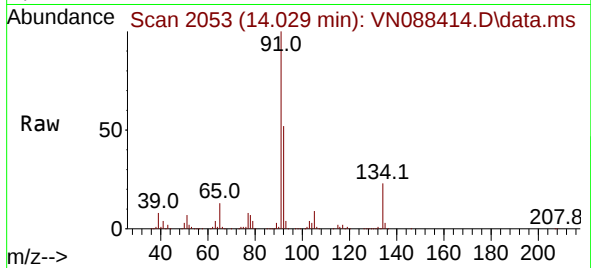




#89
n-Butylbenzene
Concen: 52.028 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

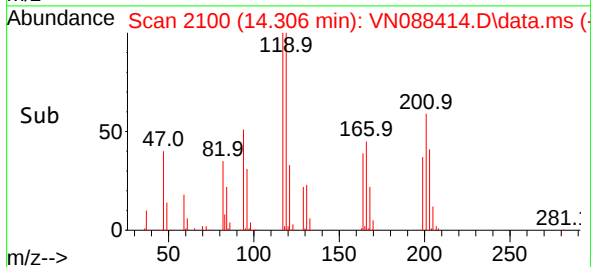
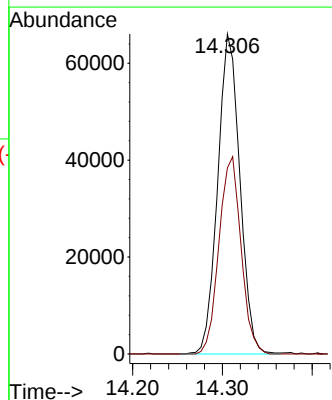
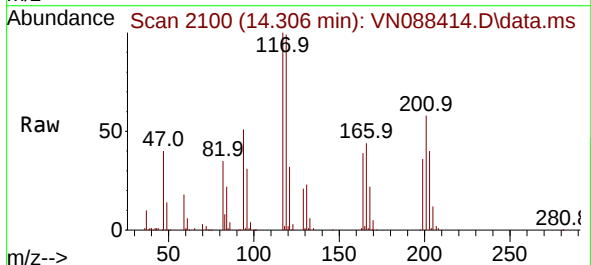
Instrument :
MSVOA_N
ClientSampleId :

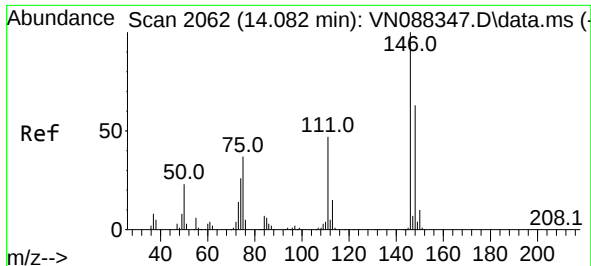
Tgt Ion: 91 Resp: 594021
Ion Ratio Lower Upper
91 100
92 52.8 26.1 78.3
134 23.3 11.7 35.1



#90
Hexachloroethane
Concen: 52.669 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

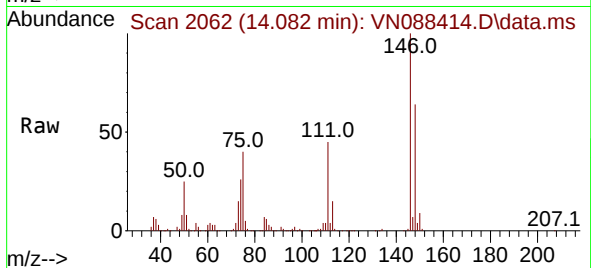
Tgt Ion: 117 Resp: 113139
Ion Ratio Lower Upper
117 100
201 61.4 30.3 90.9



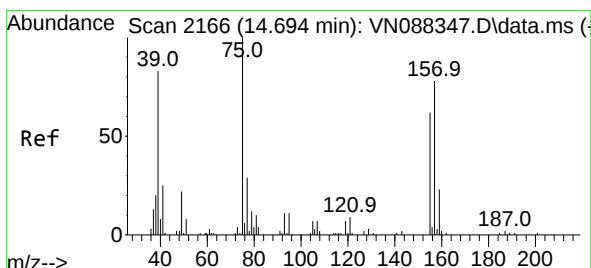
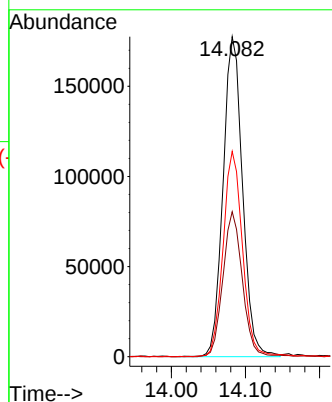
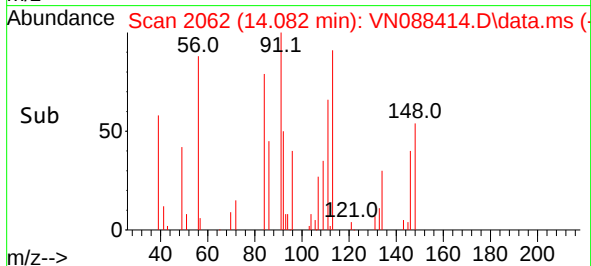


#91
 1,2-Dichlorobenzene
 Concen: 54.550 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN088414.D
 Acq: 02 Dec 2025 17:04

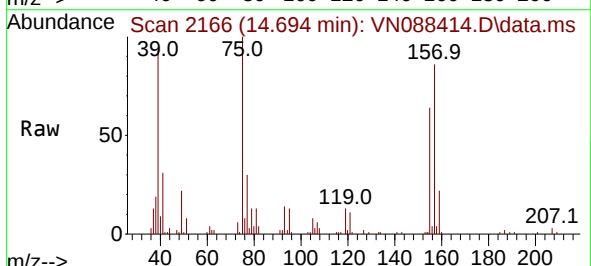
Instrument :
 MSVOA_N
 ClientSampleId :



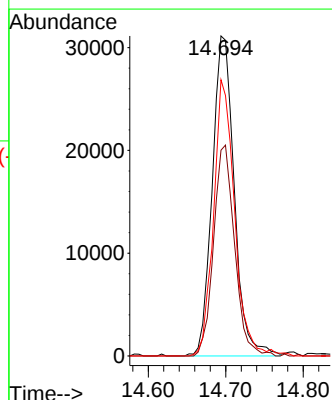
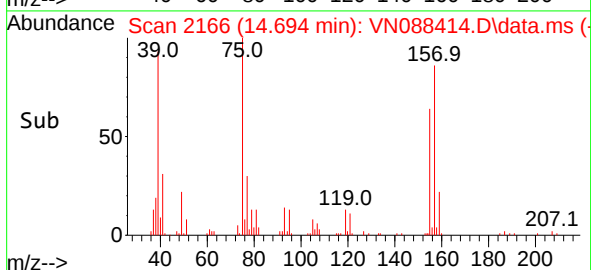
Tgt Ion:146 Resp: 323995
 Ion Ratio Lower Upper
 146 100
 111 45.2 23.3 69.9
 148 64.2 31.8 95.4

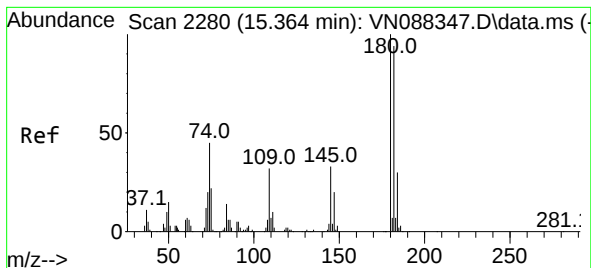


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.281 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.000 min
 Lab File: VN088414.D
 Acq: 02 Dec 2025 17:04



Tgt Ion: 75 Resp: 61444
 Ion Ratio Lower Upper
 75 100
 155 63.1 33.7 101.1
 157 82.6 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 51.788 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN088414.D

Acq: 02 Dec 2025 17:04

Instrument :

MSVOA_N

ClientSampleId :

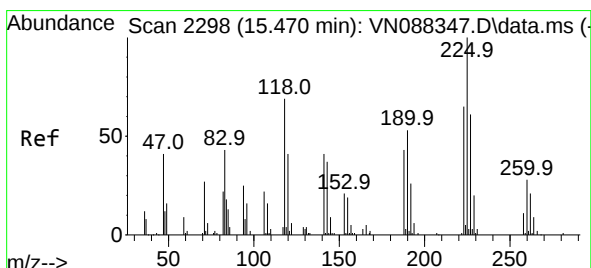
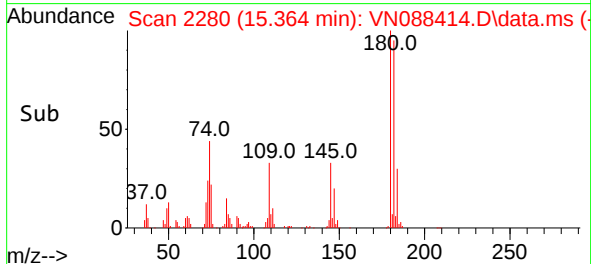
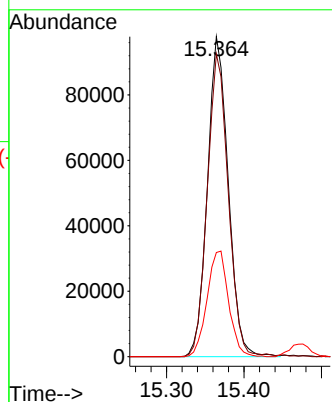
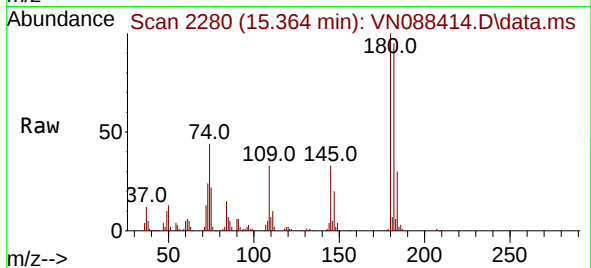
Tgt Ion:180 Resp: 182762

Ion Ratio Lower Upper

180 100

182 95.2 46.1 138.2

145 34.1 16.7 50.1



#94

Hexachlorobutadiene

Concen: 48.523 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VN088414.D

Acq: 02 Dec 2025 17:04

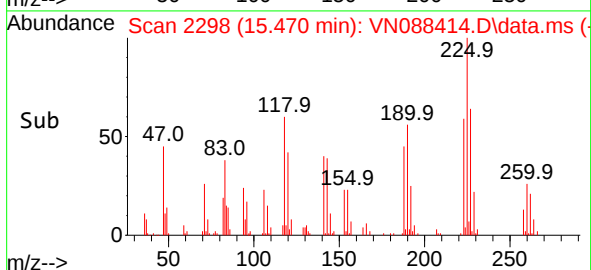
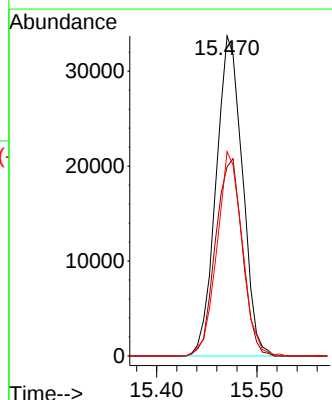
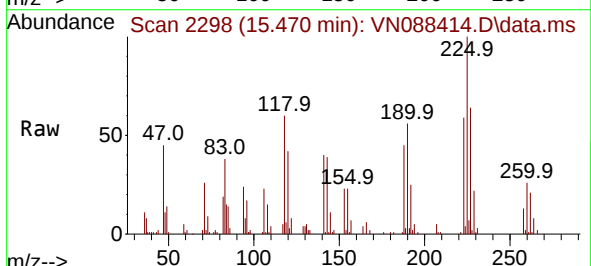
Tgt Ion:225 Resp: 61534

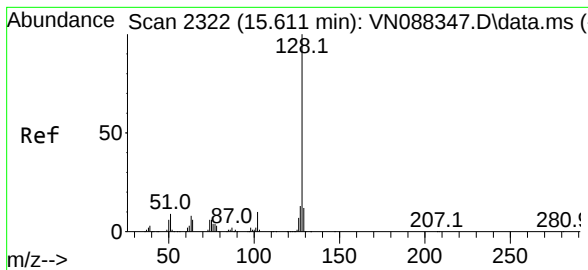
Ion Ratio Lower Upper

225 100

223 62.6 32.3 96.8

227 61.5 29.9 89.8

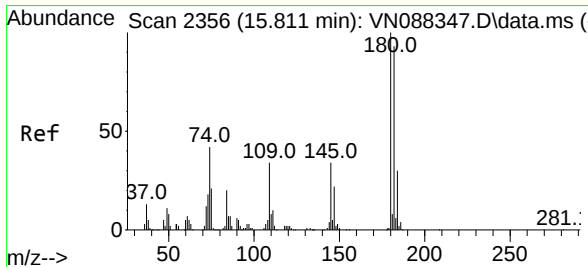
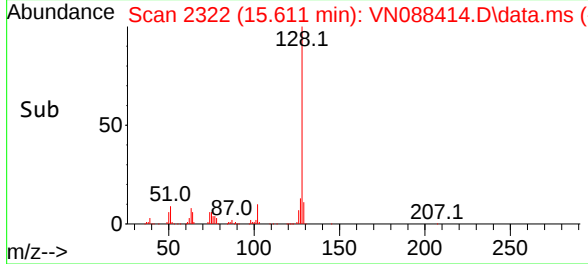
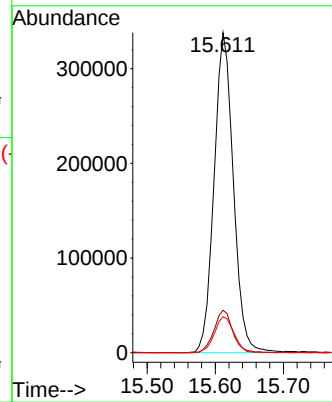
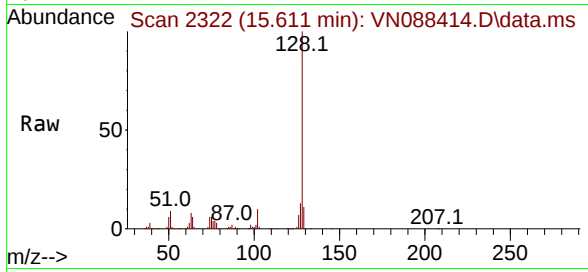




#95
Naphthalene
Concen: 54.387 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 665085
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.2 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 50.639 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088414.D
Acq: 02 Dec 2025 17:04

Tgt Ion:180 Resp: 173919
Ion Ratio Lower Upper
180 100
182 96.9 45.9 137.7
145 35.9 17.8 53.4

