

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
 Data File : VN088396.D
 Acq On : 02 Dec 2025 10:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 03 01:21:14 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	8.200	168	256486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	469714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	423596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.764	152	206439	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	253924	52.554	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.100%	
35) Dibromofluoromethane	8.147	113	169082	51.944	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.880%	
50) Toluene-d8	10.541	98	627431	51.805	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.600%	
62) 4-Bromofluorobenzene	12.823	95	222462	53.532	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	201707	52.358	ug/l	94
3) Chloromethane	2.383	50	216818	52.402	ug/l	99
4) Vinyl Chloride	2.536	62	216260	51.377	ug/l	99
5) Bromomethane	2.977	94	110057	54.325	ug/l	97
6) Chloroethane	3.142	64	138211	53.058	ug/l	98
7) Trichlorofluoromethane	3.512	101	302840	51.190	ug/l	97
8) Diethyl Ether	3.959	74	120321	54.187	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	157122	49.888	ug/l	100
10) Methyl Iodide	4.583	142	162151	52.008	ug/l	96
11) Tert butyl alcohol	5.518	59	176749	229.125	ug/l	100
12) 1,1-Dichloroethene	4.342	96	157796	50.427	ug/l	95
13) Acrolein	4.177	56	238001	322.263	ug/l	100
14) Allyl chloride	5.018	41	307219	52.970	ug/l	99
15) Acrylonitrile	5.706	53	577731	259.578	ug/l	99
16) Acetone	4.418	43	394251	225.623	ug/l	100
17) Carbon Disulfide	4.706	76	519802	50.834	ug/l	99
18) Methyl Acetate	5.018	43	275418	52.951	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	656073	55.961	ug/l	98
20) Methylene Chloride	5.265	84	194465	52.016	ug/l	99
21) trans-1,2-Dichloroethene	5.777	96	182652	52.692	ug/l	99
22) Diisopropyl ether	6.653	45	690417	55.758	ug/l	97
23) Vinyl Acetate	6.588	43	3131828	313.926	ug/l	100
24) 1,1-Dichloroethane	6.553	63	373550	53.272	ug/l	98
25) 2-Butanone	7.465	43	721770	256.937	ug/l	98
26) 2,2-Dichloropropane	7.471	77	326244	53.901	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	213398	52.972	ug/l	97
28) Bromochloromethane	7.794	49	179221	51.306	ug/l	99
29) Tetrahydrofuran	7.818	42	530848	263.460	ug/l	99
30) Chloroform	7.947	83	375046	54.432	ug/l	93
31) Cyclohexane	8.235	56	316054	49.737	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	319775	52.783	ug/l	99
36) 1,1-Dichloropropene	8.353	75	252809	50.323	ug/l	99
37) Ethyl Acetate	7.541	43	327556	49.588	ug/l	99
38) Carbon Tetrachloride	8.341	117	264813	52.952	ug/l	99
39) Methylcyclohexane	9.577	83	269744	50.199	ug/l	95
40) Benzene	8.582	78	778430	52.795	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	179724	54.934	ug/l	96
42) 1,2-Dichloroethane	8.647	62	313321	55.698	ug/l	100
43) Isopropyl Acetate	8.671	43	536207	53.130	ug/l	98
44) Trichloroethene	9.329	130	173301	49.744	ug/l	99
45) 1,2-Dichloropropane	9.600	63	202253	53.539	ug/l	95
46) Dibromomethane	9.688	93	145893	54.115	ug/l	98
47) Bromodichloromethane	9.865	83	299715	54.485	ug/l	95
48) Methyl methacrylate	9.659	41	251492	54.615	ug/l	99
49) 1,4-Dioxane	9.677	88	52735	900.506	ug/l #	100
51) 4-Methyl-2-Pentanone	10.424	43	1630933	274.163	ug/l	99
52) Toluene	10.606	92	472055	55.446	ug/l	100
53) t-1,3-Dichloropropene	10.812	75	314605	55.718	ug/l	98
54) cis-1,3-Dichloropropene	10.288	75	328168	55.267	ug/l	93
55) 1,1,2-Trichloroethane	10.994	97	176797	53.673	ug/l	97
56) Ethyl methacrylate	10.853	69	309997	59.578	ug/l	98
57) 1,3-Dichloropropane	11.141	76	325930	54.848	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.135	63	889687	296.591	ug/l	100
59) 2-Hexanone	11.176	43	1056107	281.819	ug/l	99
60) Dibromochloromethane	11.335	129	206242	54.923	ug/l	97
61) 1,2-Dibromoethane	11.447	107	179422	53.790	ug/l	98
64) Tetrachloroethene	11.082	164	150384	44.782	ug/l	95
65) Chlorobenzene	11.870	112	501501	52.708	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.935	131	173343	54.016	ug/l	99
67) Ethyl Benzene	11.941	91	894936	53.815	ug/l	98
68) m/p-Xylenes	12.047	106	675748	109.596	ug/l	98
69) o-Xylene	12.376	106	320961	54.601	ug/l	98
70) Styrene	12.388	104	558107	58.473	ug/l	98
71) Bromoform	12.559	173	129299	55.009	ug/l #	99
73) Isopropylbenzene	12.670	105	839483	54.998	ug/l	99
74) N-amyl acetate	12.500	43	224758	43.238	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.912	83	256991	52.080	ug/l	99
76) 1,2,3-Trichloropropane	12.965	75	371817	76.899	ug/l	66
77) Bromobenzene	12.959	156	190306	54.491	ug/l	97
78) n-propylbenzene	13.012	91	1016994	54.462	ug/l	100
79) 2-Chlorotoluene	13.100	91	612443	53.708	ug/l	100
80) 1,3,5-Trimethylbenzene	13.147	105	697012	55.108	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.712	75	94876	55.667	ug/l #	96
82) 4-Chlorotoluene	13.200	91	640056	56.512	ug/l	99
83) tert-Butylbenzene	13.412	119	575684	53.542	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	713305	56.739	ug/l	98
85) sec-Butylbenzene	13.594	105	828143	53.615	ug/l	100
86) p-Isopropyltoluene	13.706	119	701349	55.372	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	361671	53.199	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	371515	52.169	ug/l	98
89) n-Butylbenzene	14.029	91	658940	53.581	ug/l	99
90) Hexachloroethane	14.306	117	126648	54.735	ug/l	100
91) 1,2-Dichlorobenzene	14.082	146	343460	53.685	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	62450	52.162	ug/l	96
93) 1,2,4-Trichlorobenzene	15.364	180	196829	51.780	ug/l	98
94) Hexachlorobutadiene	15.470	225	68831	50.390	ug/l	97
95) Naphthalene	15.611	128	703067	53.375	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	189649	51.264	ug/l	97

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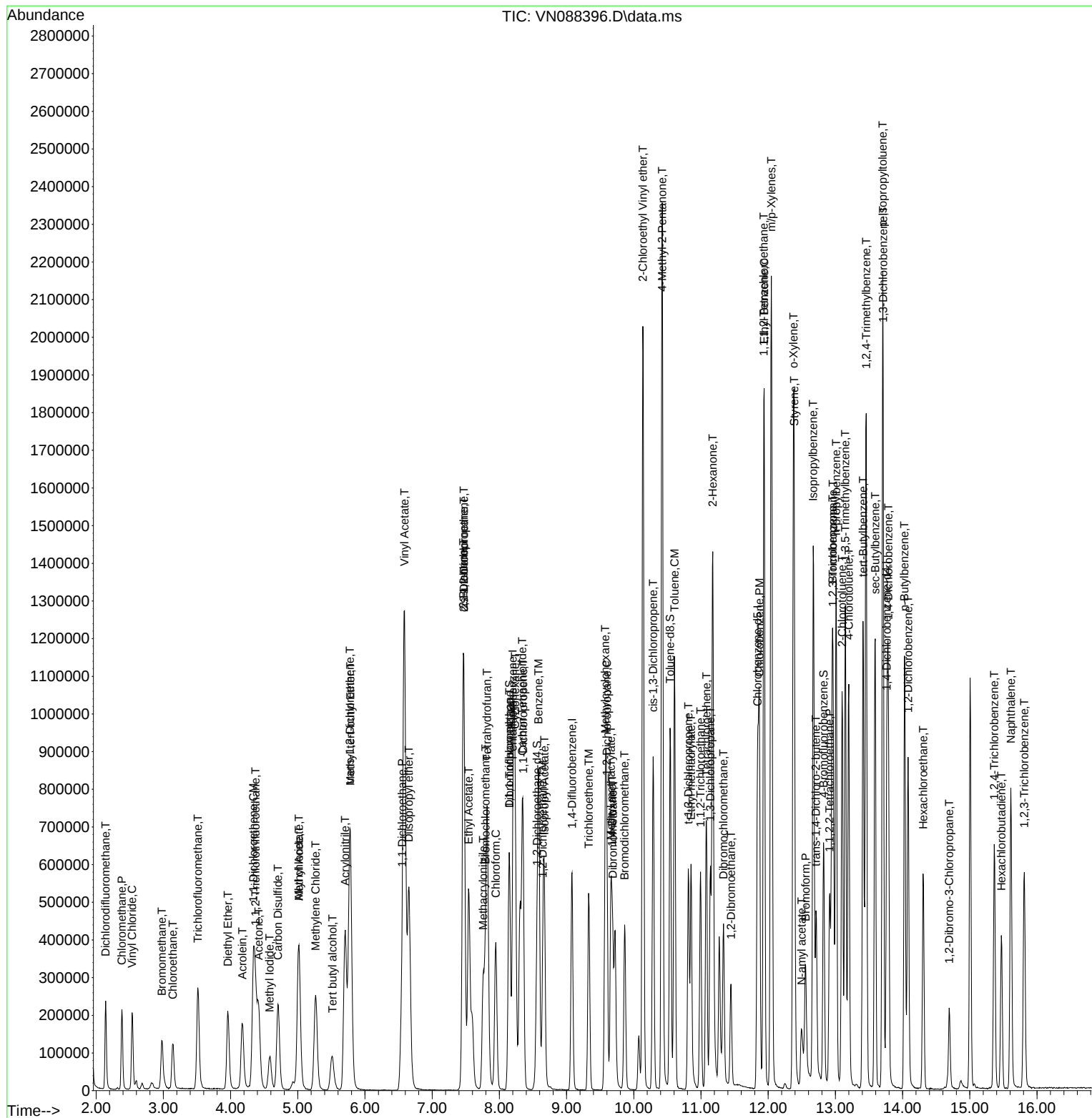
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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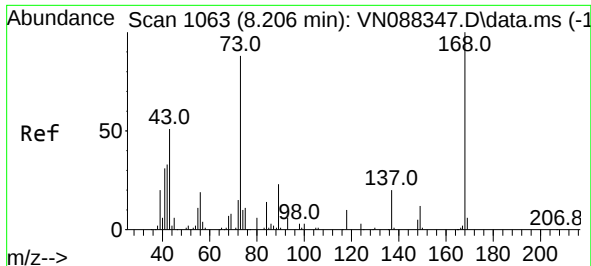
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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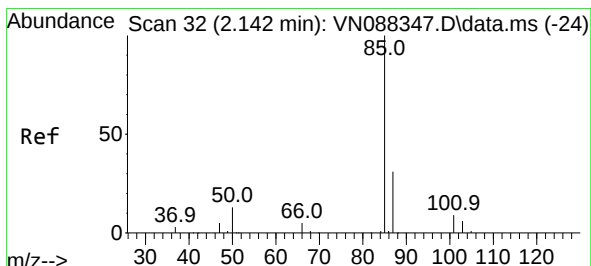
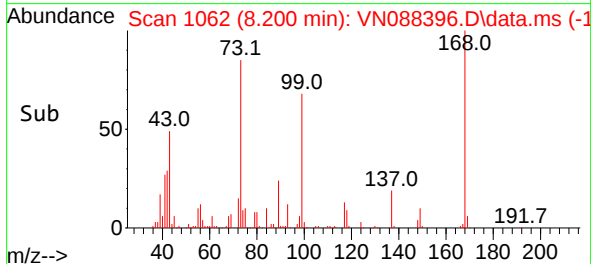
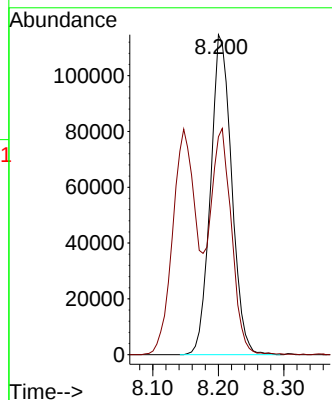
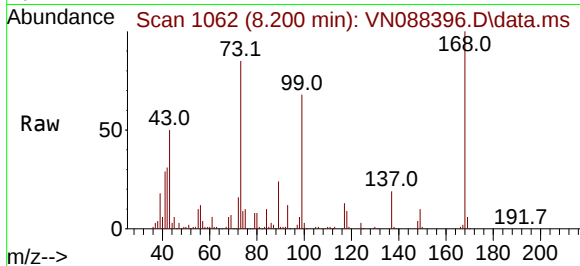




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN088396.D
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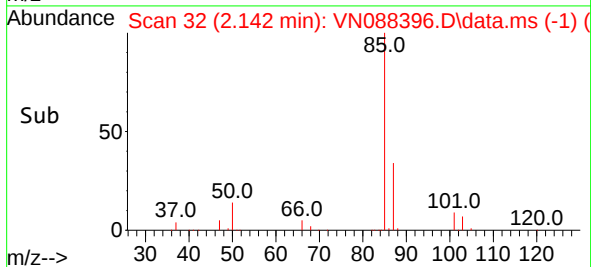
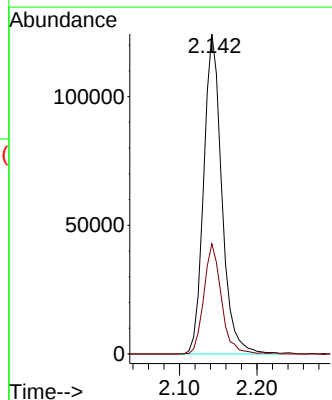
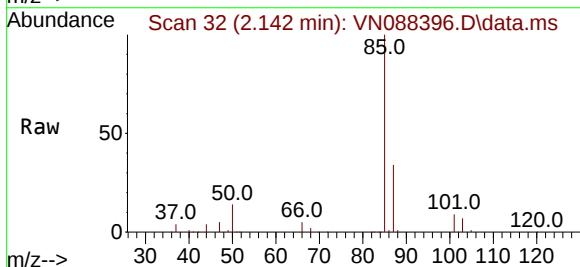
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MSVOA_N
ClientSampleId :

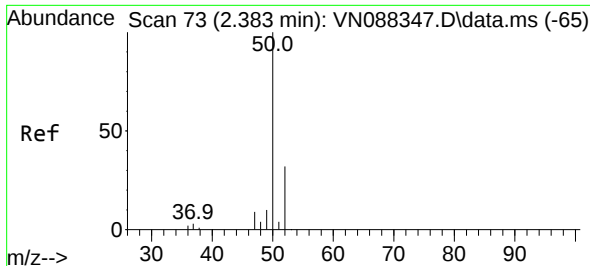
Tgt Ion:168 Resp: 256486
Ion Ratio Lower Upper
168 100
99 67.8 57.1 85.7



#2
Dichlorodifluoromethane
Concen: 52.358 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion: 85 Resp: 201707
Ion Ratio Lower Upper
85 100
87 34.4 15.6 46.7

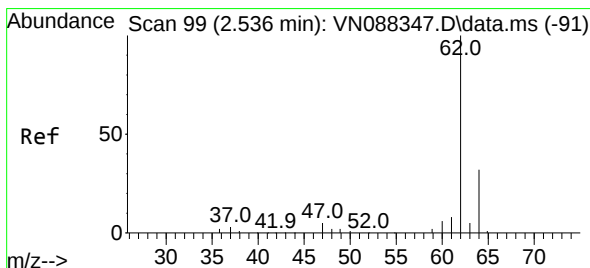
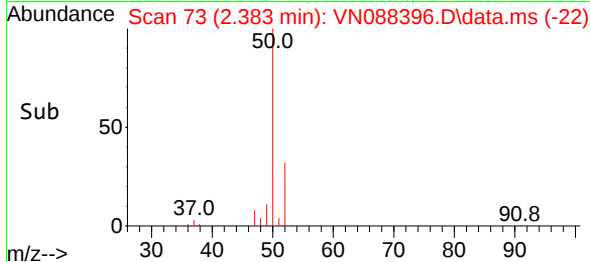
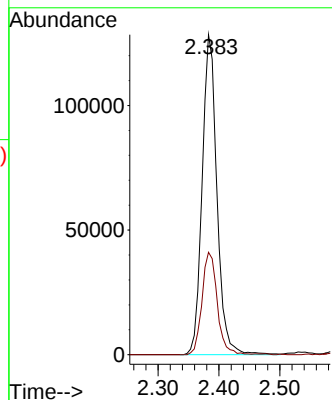
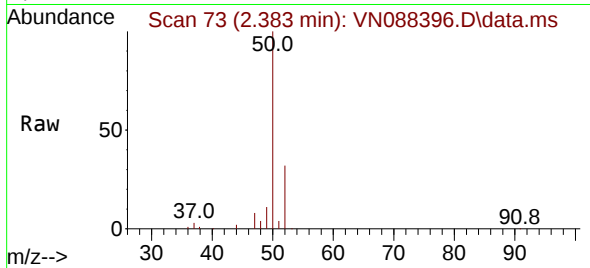




#3
Chloromethane
Concen: 52.402 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

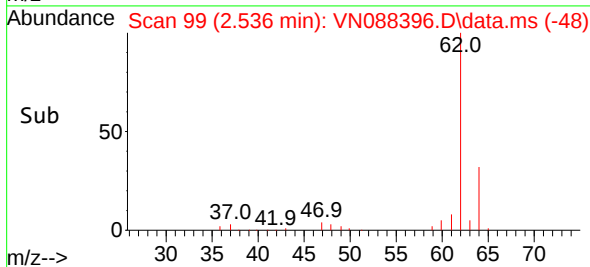
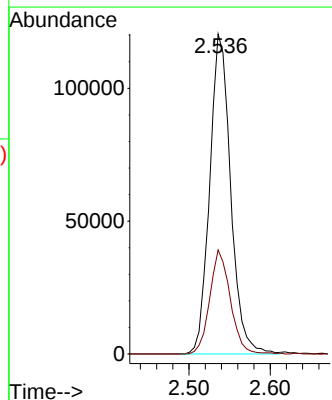
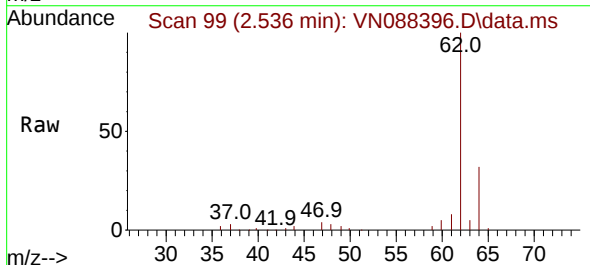
Instrument :
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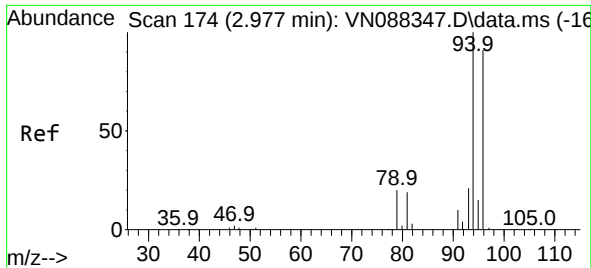
Tgt Ion: 50 Resp: 216818
Ion Ratio Lower Upper
50 100
52 32.0 25.2 37.8



#4
Vinyl Chloride
Concen: 51.377 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion: 62 Resp: 216260
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.2

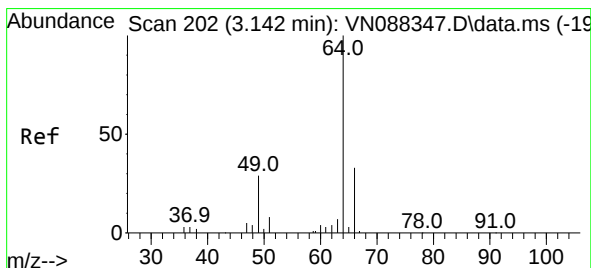
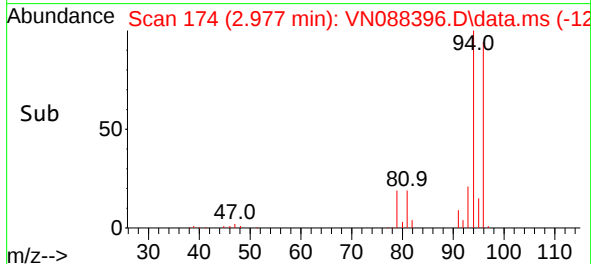
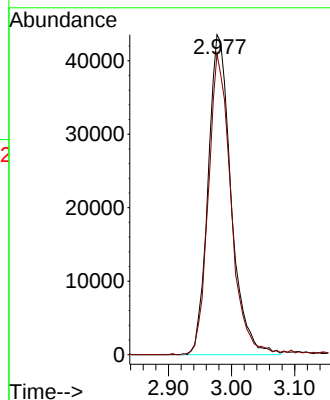
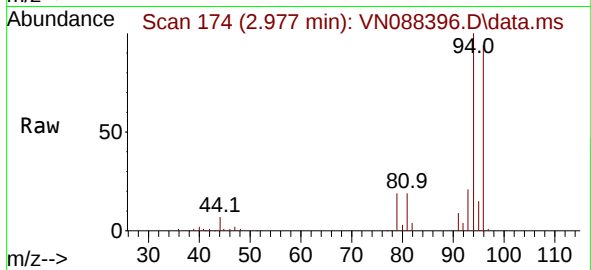




#5
Bromomethane
Concen: 54.325 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088396.D
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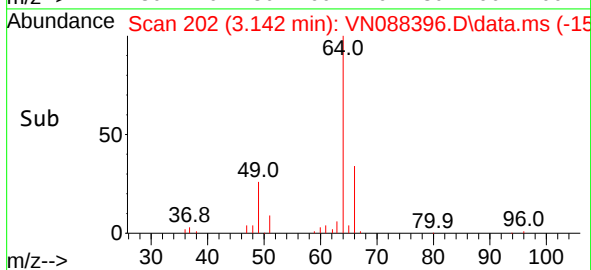
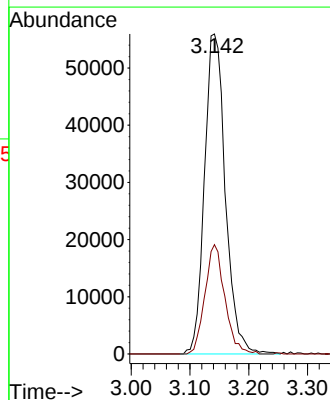
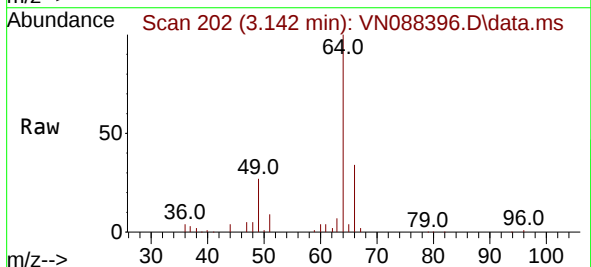
Instrument :
MSVOA_N
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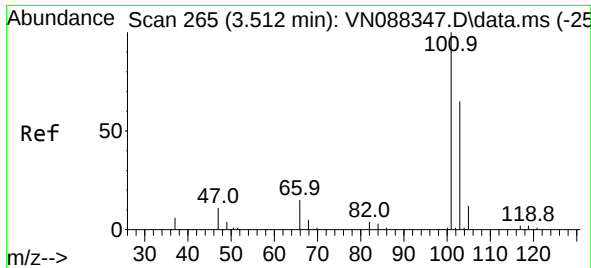
Tgt Ion: 94 Resp: 110057
Ion Ratio Lower Upper
94 100
96 94.0 73.2 109.8



#6
Chloroethane
Concen: 53.058 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion: 64 Resp: 138211
Ion Ratio Lower Upper
64 100
66 34.1 26.4 39.6

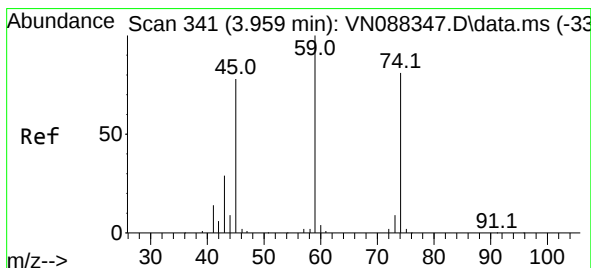
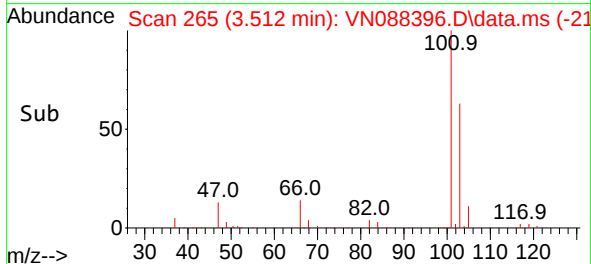
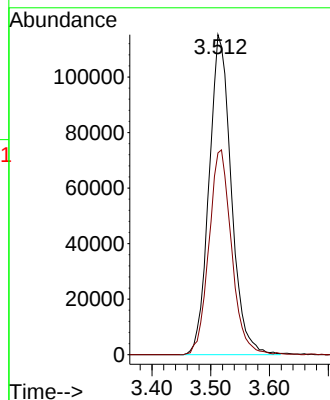
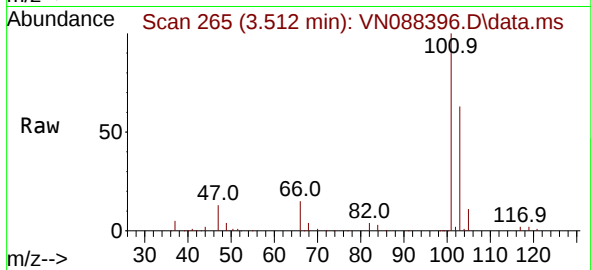




#7
 Trichlorofluoromethane
 Concen: 51.190 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.000 min
 Lab File: VN088396.D
 Acq: 02 Dec 2025 10:00

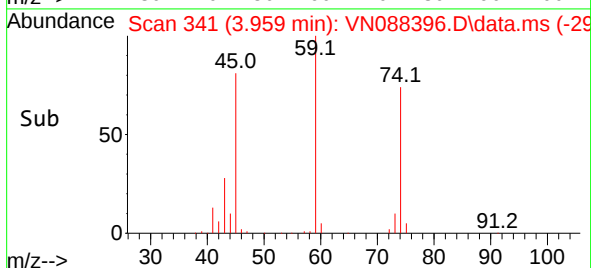
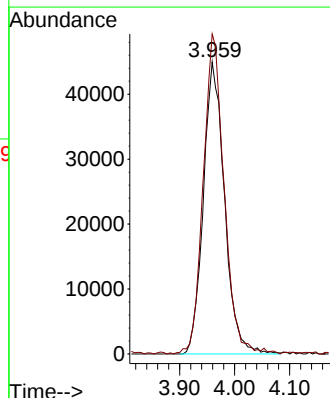
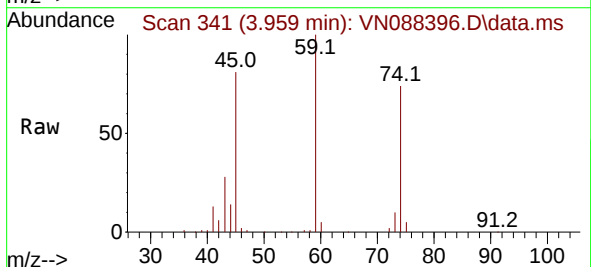
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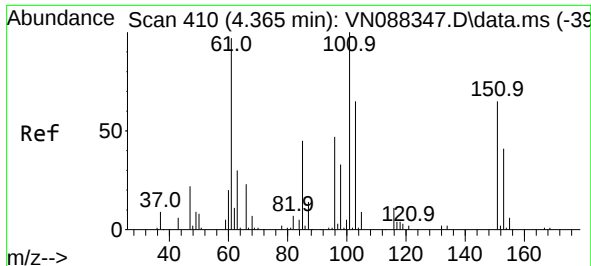
Tgt Ion:101 Resp: 302840
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.3 78.5



#8
 Diethyl Ether
 Concen: 54.187 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN088396.D
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Tgt Ion: 74 Resp: 120321
 Ion Ratio Lower Upper
 74 100
 45 107.4 54.2 162.6

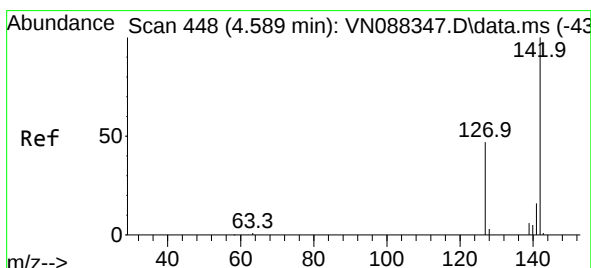
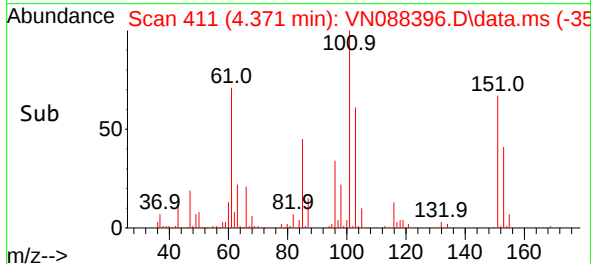
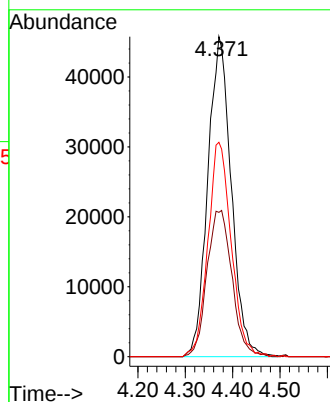
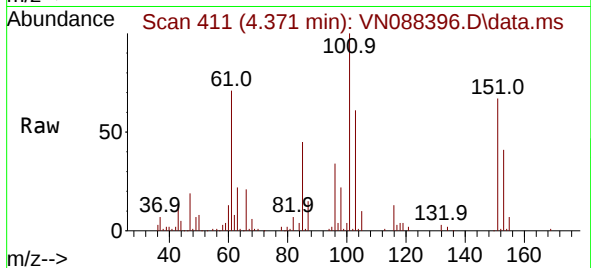




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.888 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

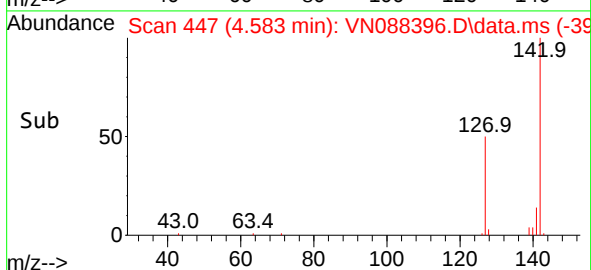
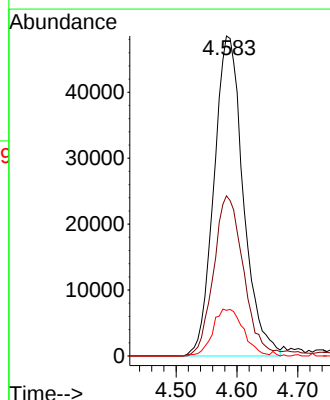
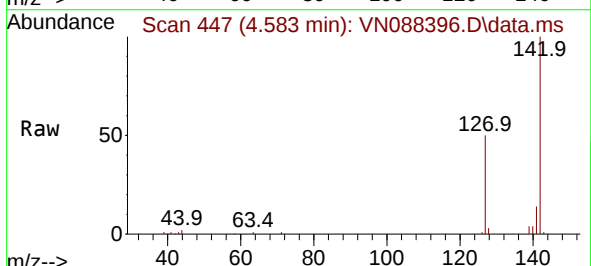
Instrument :
MSVOA_N
ClientSampleId :

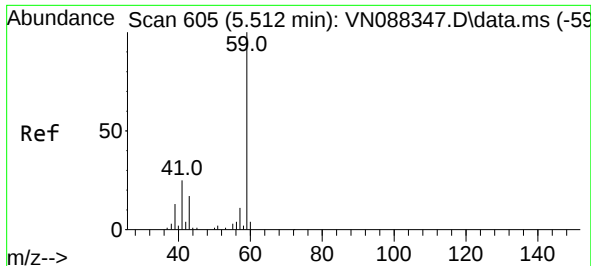
Tgt Ion:101 Resp: 157122
Ion Ratio Lower Upper
101 100
85 48.7 39.2 58.8
151 66.5 53.6 80.4



#10
Methyl Iodide
Concen: 52.008 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion:142 Resp: 162151
Ion Ratio Lower Upper
142 100
127 50.0 37.9 56.9
141 14.2 12.4 18.6

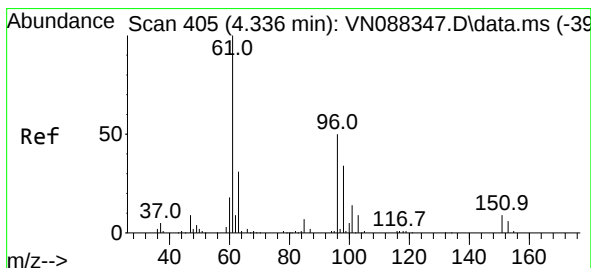
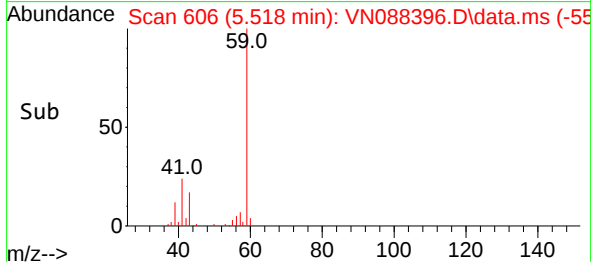
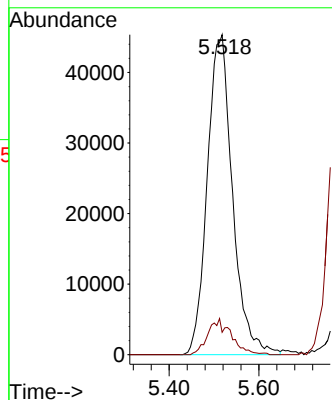
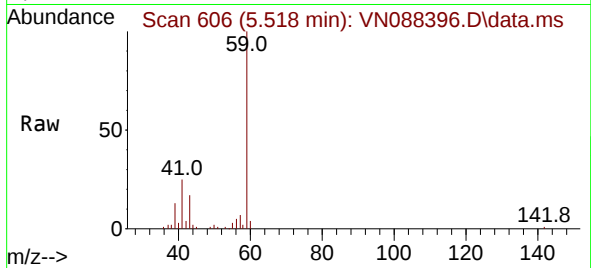




#11
Tert butyl alcohol
Concen: 229.125 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

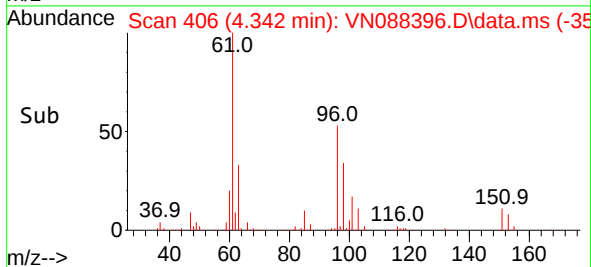
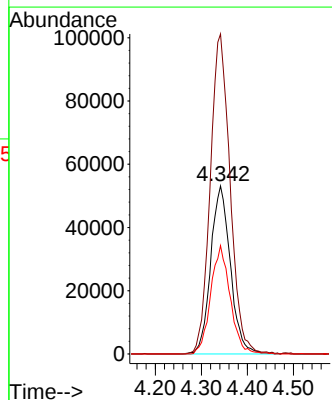
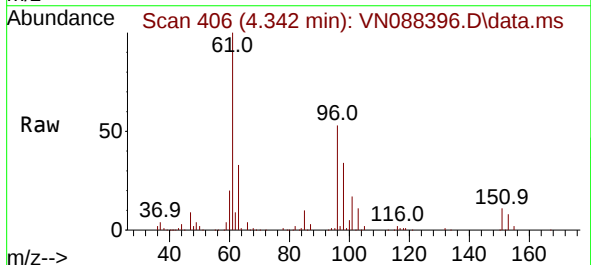
Instrument :
MSVOA_N
ClientSampleId :

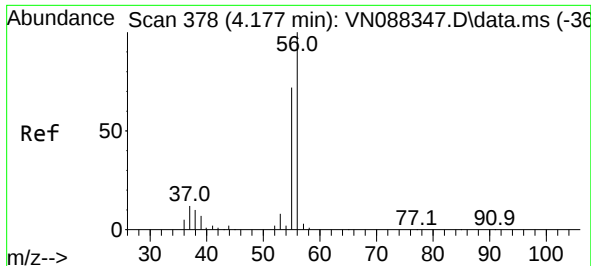
Tgt Ion: 59 Resp: 176749
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7



#12
1,1-Dichloroethene
Concen: 50.427 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion: 96 Resp: 157796
Ion Ratio Lower Upper
96 100
61 190.4 159.1 238.7
98 64.5 53.7 80.5

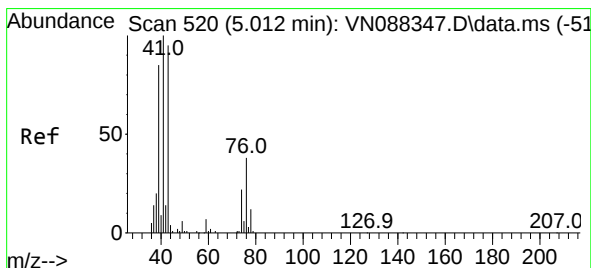
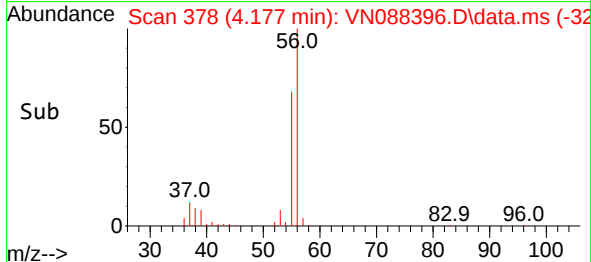
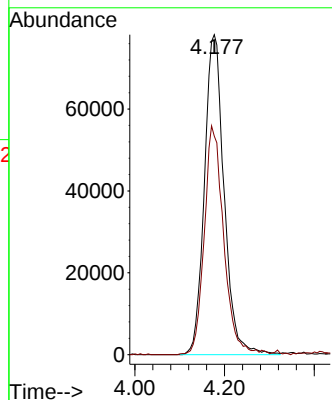
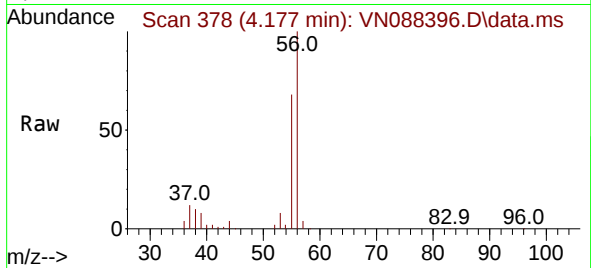




#13
Acrolein
Concen: 322.263 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

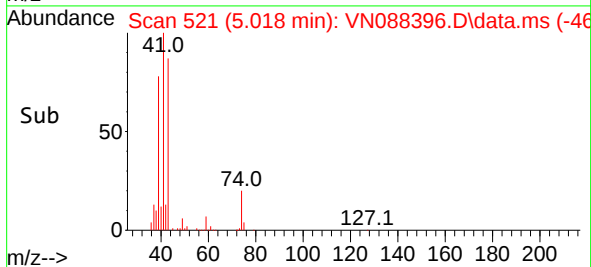
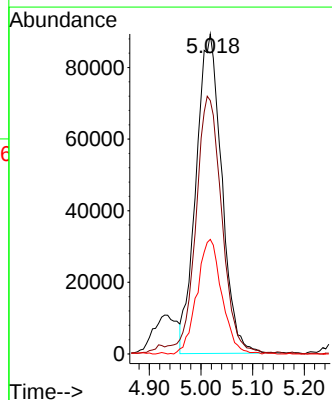
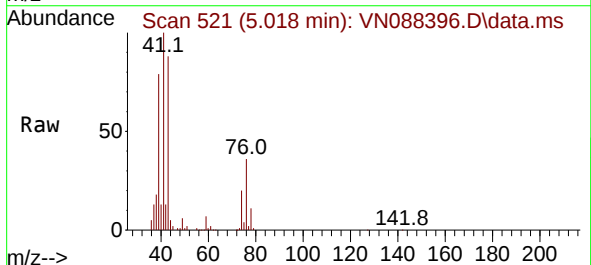
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 238001
Ion Ratio Lower Upper
56 100
55 70.3 56.3 84.5



#14
Allyl chloride
Concen: 52.970 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

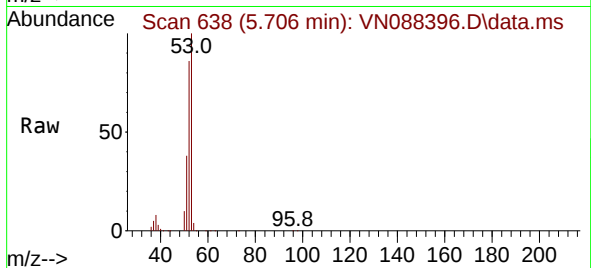
Tgt Ion: 41 Resp: 307219
Ion Ratio Lower Upper
41 100
39 80.5 64.7 97.1
76 34.9 29.1 43.7



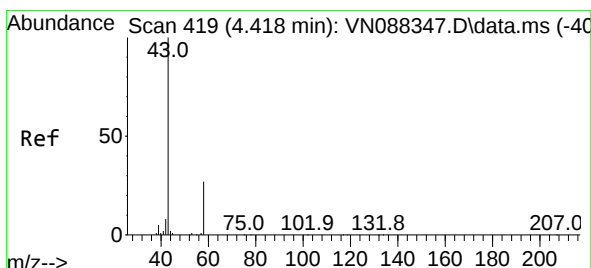
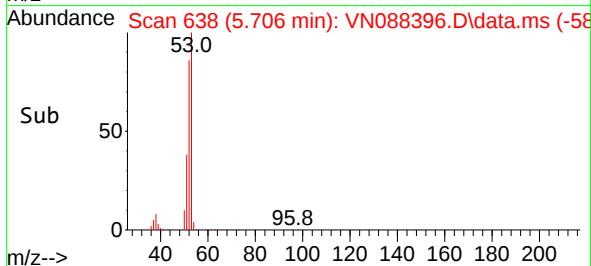
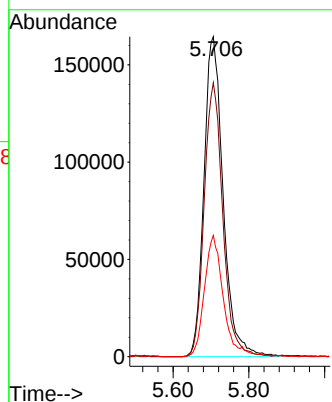


#15
Acrylonitrile
Concen: 259.578 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Instrument :
MSVOA_N
ClientSampleId :

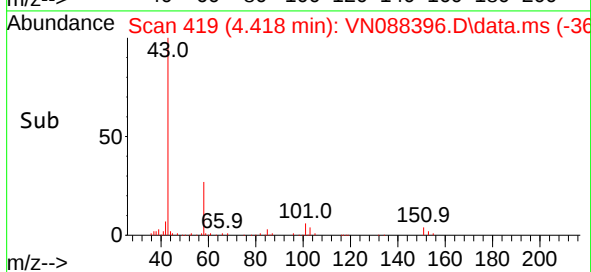
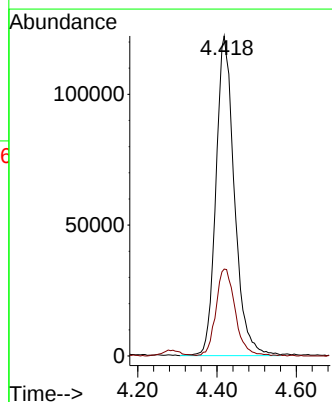
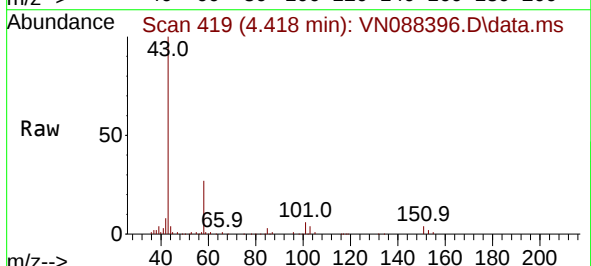


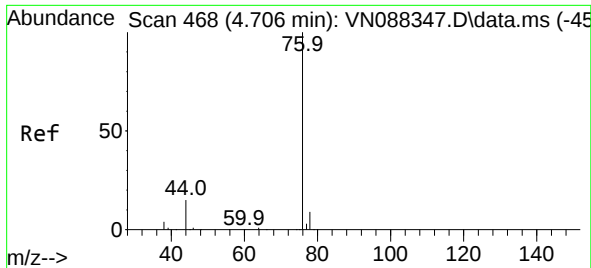
Tgt Ion: 53 Resp: 577731
Ion Ratio Lower Upper
53 100
52 83.0 67.8 101.6
51 37.4 29.8 44.8



#16
Acetone
Concen: 225.623 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion: 43 Resp: 394251
Ion Ratio Lower Upper
43 100
58 26.9 21.7 32.5

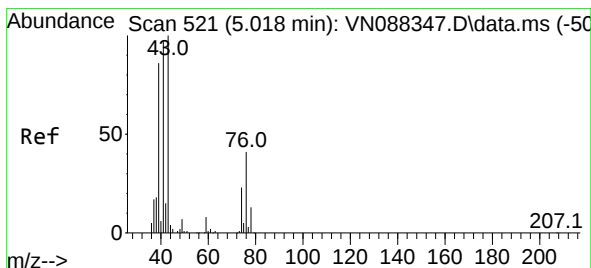
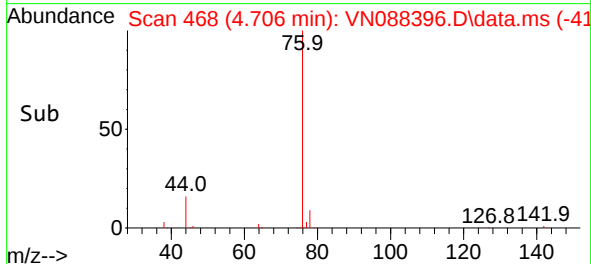
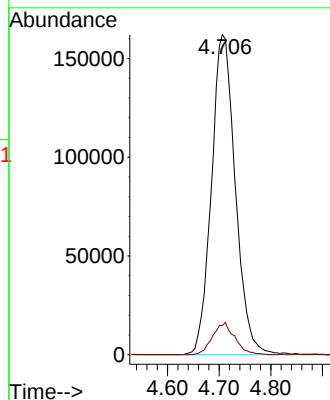
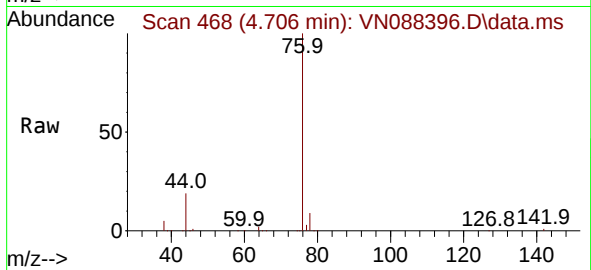




#17
Carbon Disulfide
Concen: 50.834 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

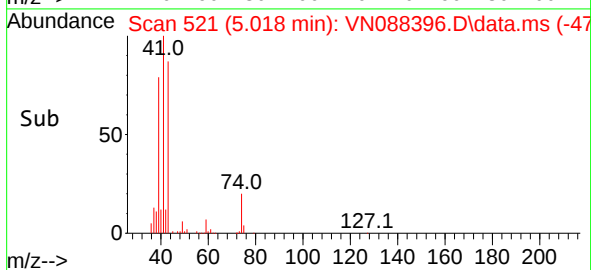
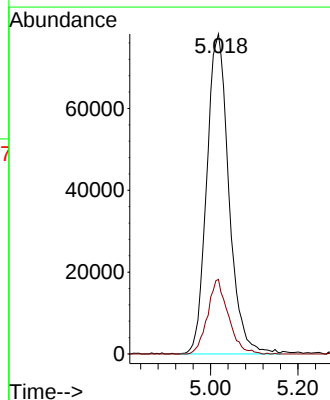
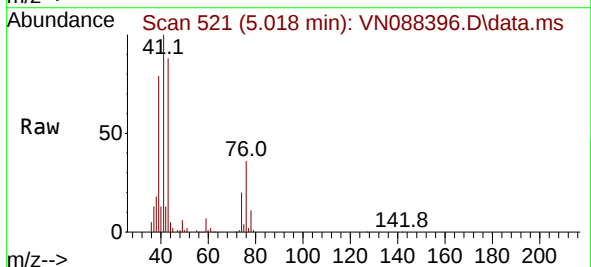
Instrument :
MSVOA_N
ClientSampleId :

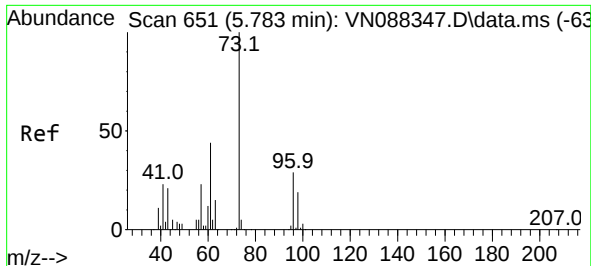
Tgt Ion: 76 Resp: 519802
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 52.951 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion: 43 Resp: 275418
Ion Ratio Lower Upper
43 100
74 21.8 17.9 26.9

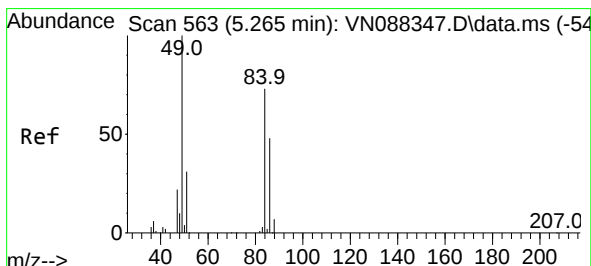
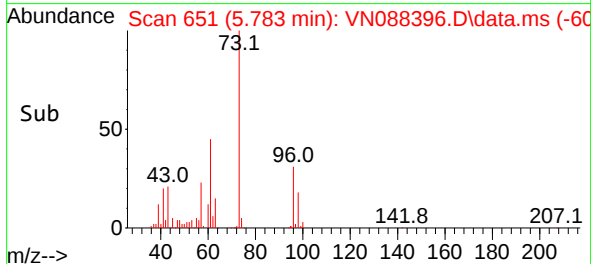
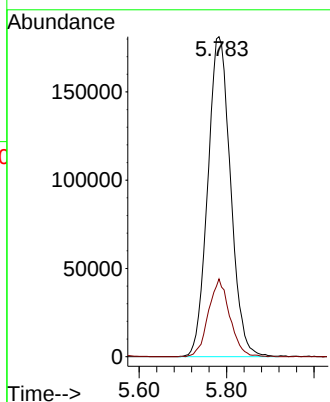
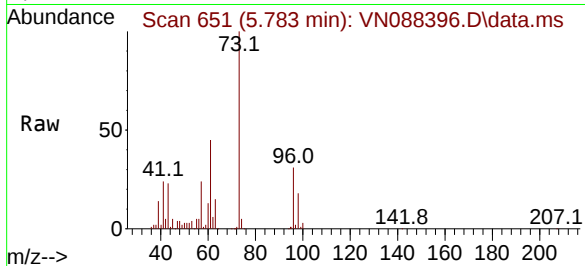




#19
Methyl tert-butyl Ether
Concen: 55.961 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

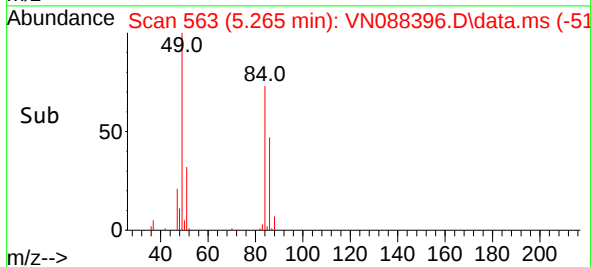
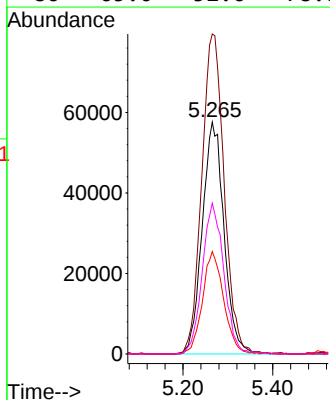
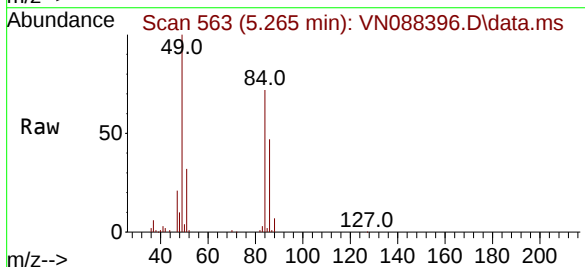
Instrument :
MSVOA_N
ClientSampleId :

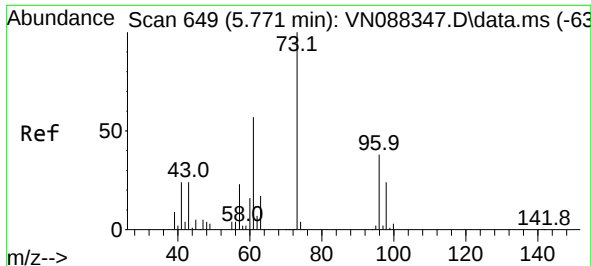
Tgt Ion: 73 Resp: 656073
Ion Ratio Lower Upper
73 100
57 24.3 18.6 28.0



#20
Methylene Chloride
Concen: 52.016 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion: 84 Resp: 194465
Ion Ratio Lower Upper
84 100
49 137.7 110.2 165.2
51 44.2 34.1 51.1
86 65.0 52.6 78.8

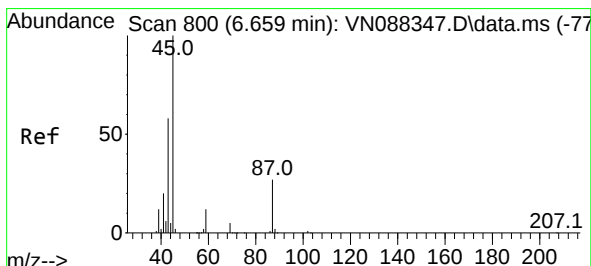
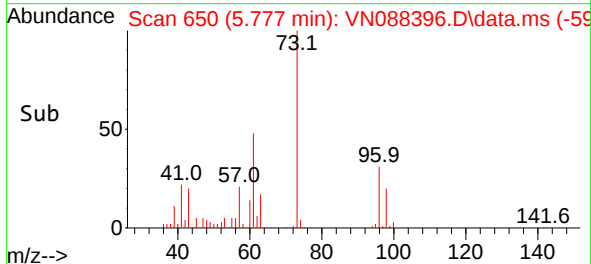
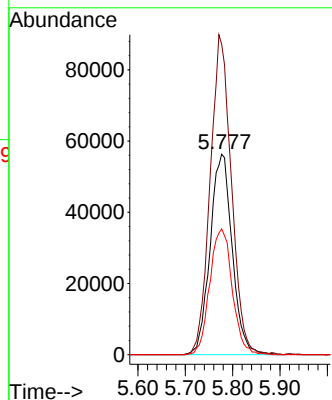
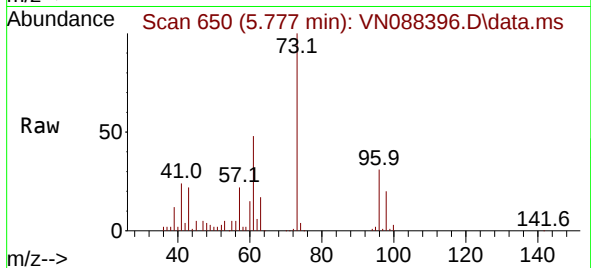




#21
trans-1,2-Dichloroethene
Concen: 52.692 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

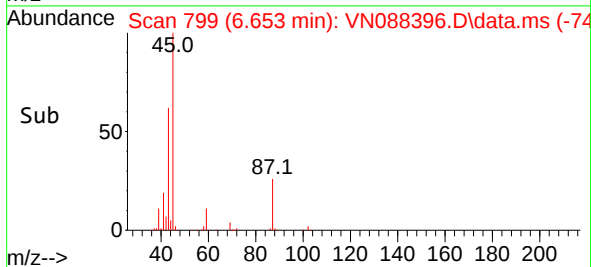
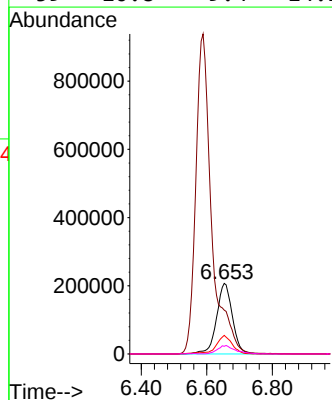
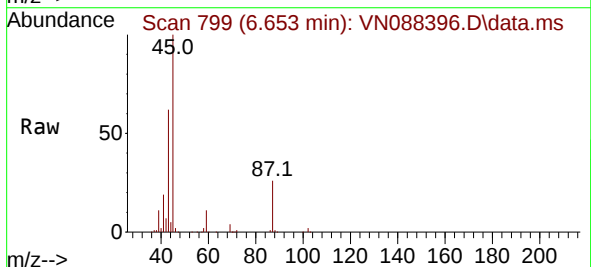
Instrument :
MSVOA_N
ClientSampleId :

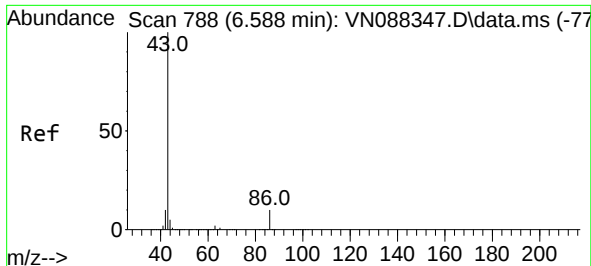
Tgt Ion: 96 Resp: 182652
Ion Ratio Lower Upper
96 100
61 154.9 122.4 183.6
98 62.7 50.9 76.3



#22
Diisopropyl ether
Concen: 55.758 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion: 45 Resp: 690417
Ion Ratio Lower Upper
45 100
43 61.7 47.4 71.2
87 26.4 21.9 32.9
59 10.8 9.4 14.2

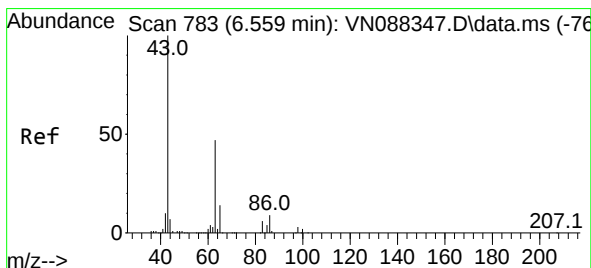
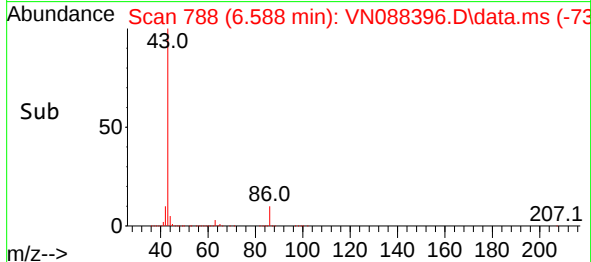
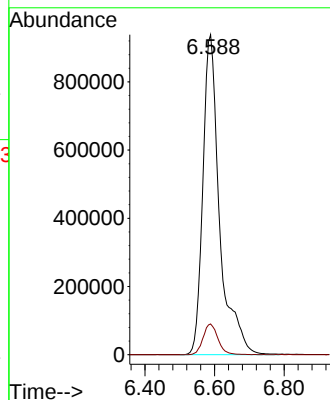
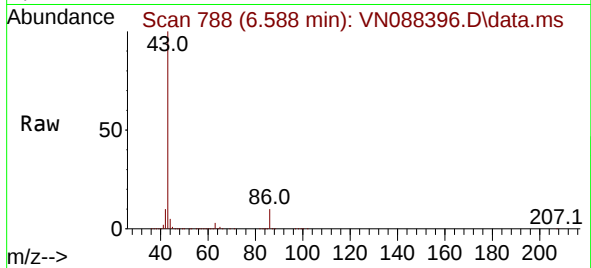




#23
 Vinyl Acetate
 Concen: 313.926 ug/l
 RT: 6.588 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN088396.D
 Acq: 02 Dec 2025 10:00

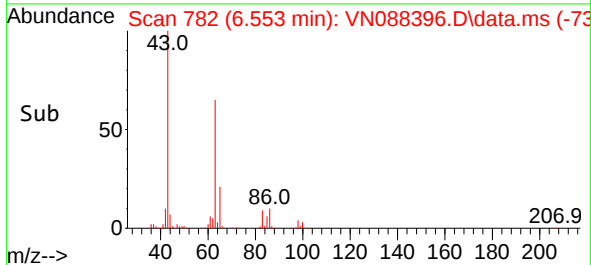
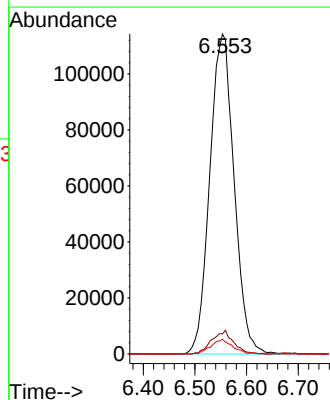
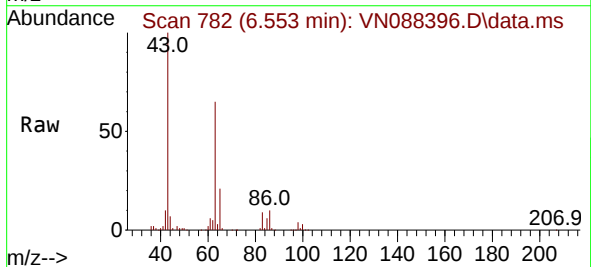
Instrument :
 MSVOA_N
 ClientSampleId :

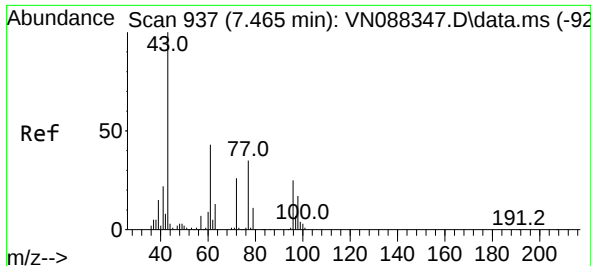
Tgt Ion: 43 Resp: 3131828
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 53.272 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088396.D
 Acq: 02 Dec 2025 10:00

Tgt Ion: 63 Resp: 373550
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.2
 100 4.6 1.9 5.7

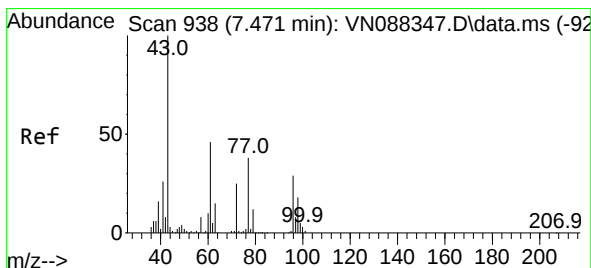
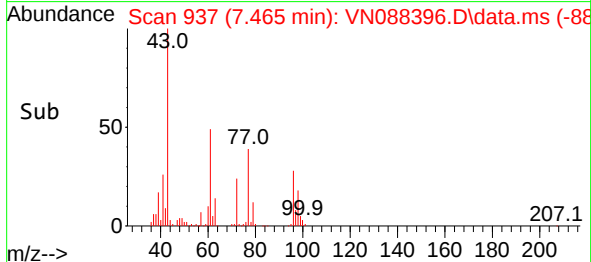
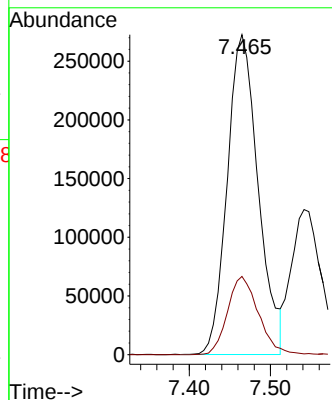
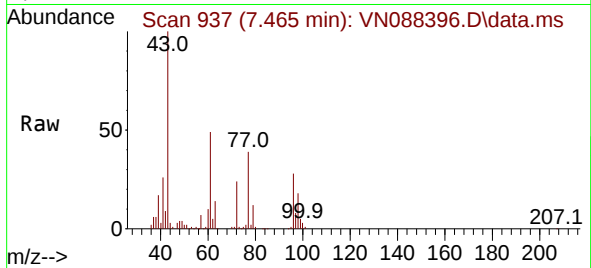




#25
2-Butanone
Concen: 256.937 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

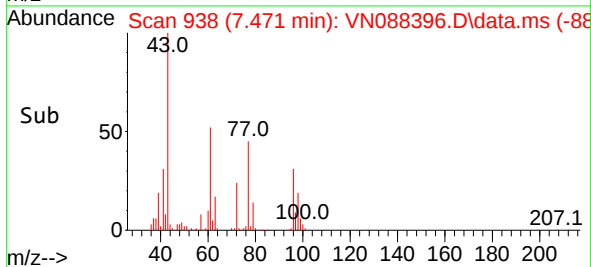
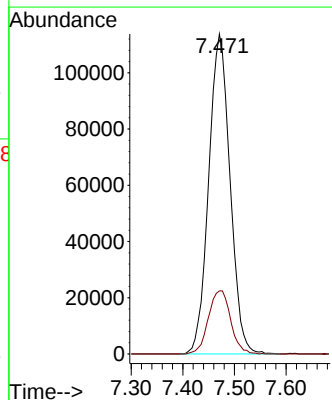
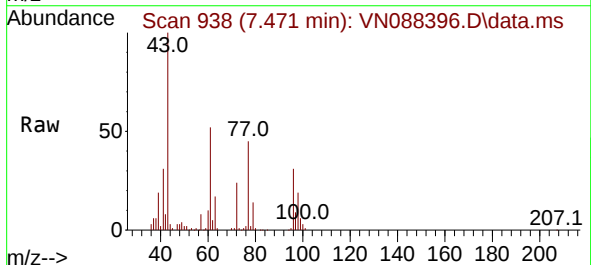
Instrument :
MSVOA_N
ClientSampleId :

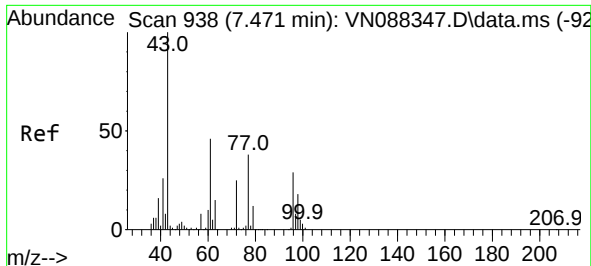
Tgt Ion: 43 Resp: 721770
Ion Ratio Lower Upper
43 100
72 24.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 53.901 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

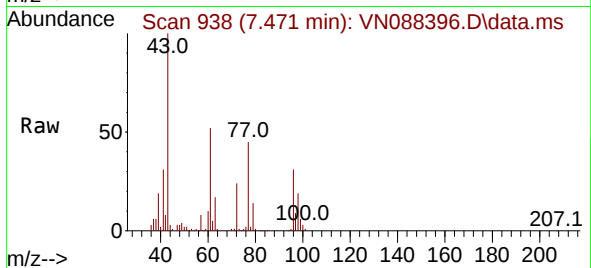
Tgt Ion: 77 Resp: 326244
Ion Ratio Lower Upper
77 100
97 20.6 10.3 30.9



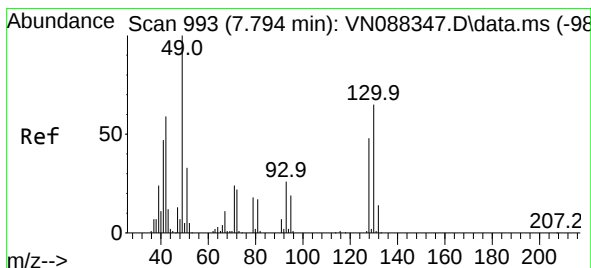
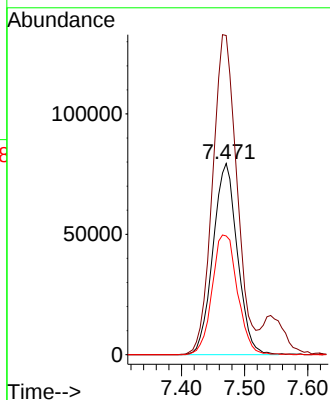
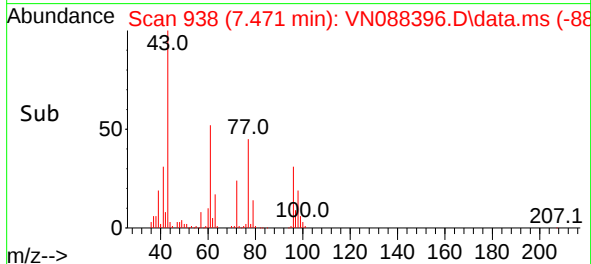


#27
 cis-1,2-Dichloroethene
 Concen: 52.972 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088396.D
 Acq: 02 Dec 2025 10:00

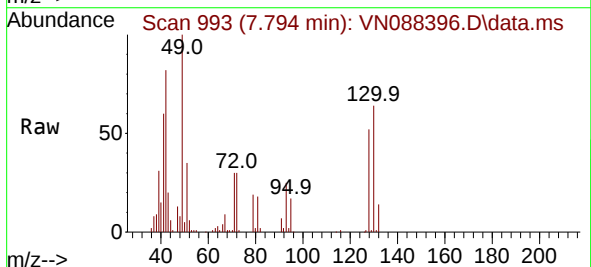
Instrument :
 MSVOA_N
 ClientSampleId :



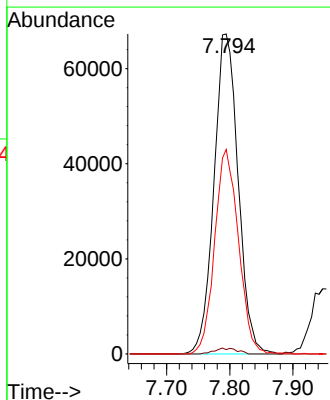
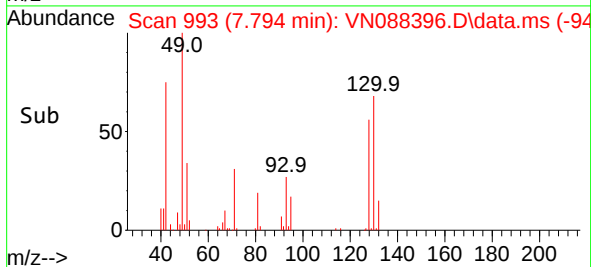
Tgt Ion: 96 Resp: 213398
 Ion Ratio Lower Upper
 96 100
 61 166.8 0.0 323.6
 98 65.0 0.0 127.2

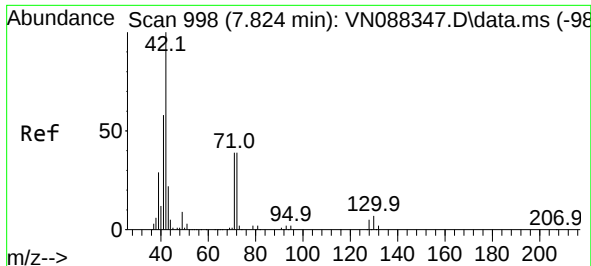


#28
 Bromochloromethane
 Concen: 51.306 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088396.D
 Acq: 02 Dec 2025 10:00



Tgt Ion: 49 Resp: 179221
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 62.8 51.1 76.7





#29

Tetrahydrofuran

Concen: 263.460 ug/l

RT: 7.818 min Scan# 998

Delta R.T. -0.006 min

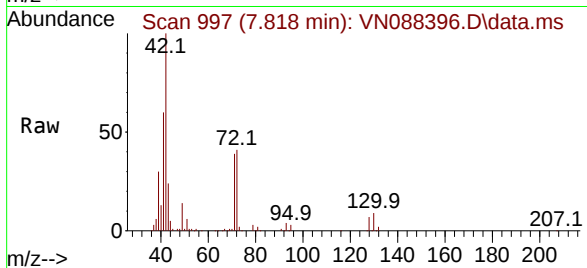
Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :



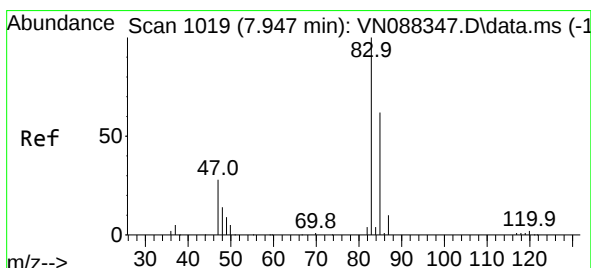
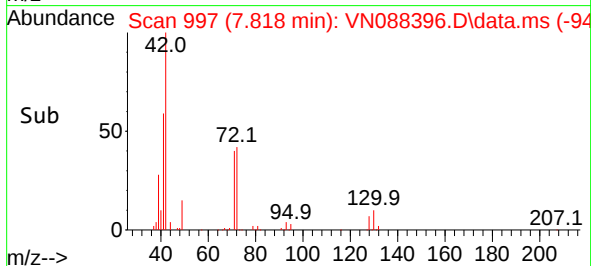
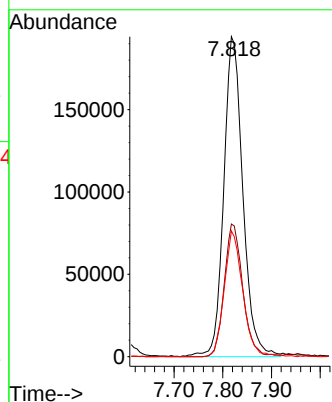
Tgt Ion: 42 Resp: 530848

Ion Ratio Lower Upper

42 100

72 40.2 32.2 48.4

71 38.1 31.1 46.7



#30

Chloroform

Concen: 54.432 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN088396.D

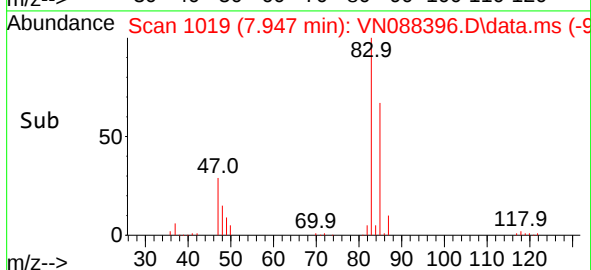
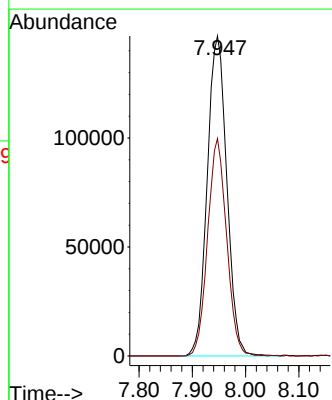
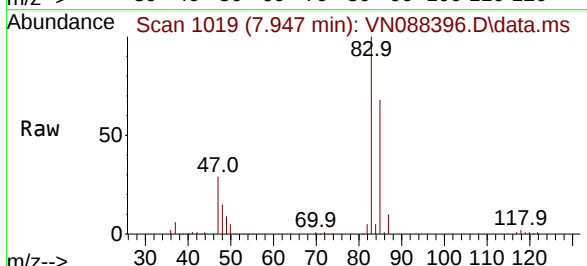
Acq: 02 Dec 2025 10:00

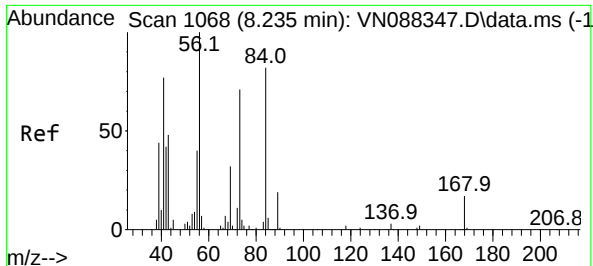
Tgt Ion: 83 Resp: 375046

Ion Ratio Lower Upper

83 100

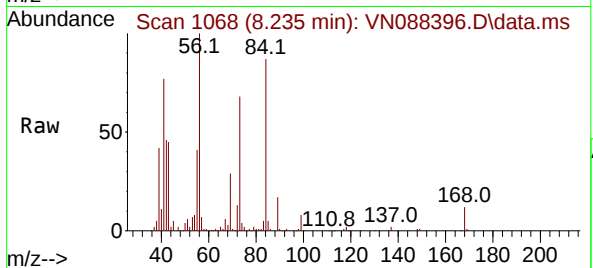
85 67.9 49.8 74.8



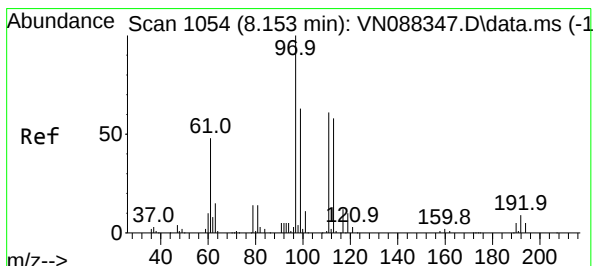
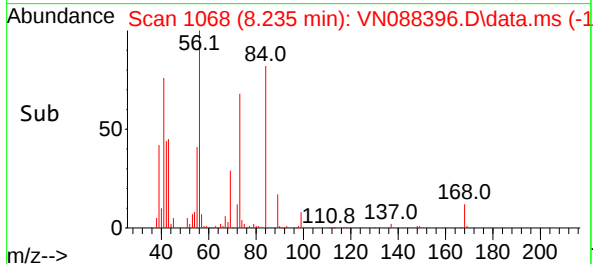
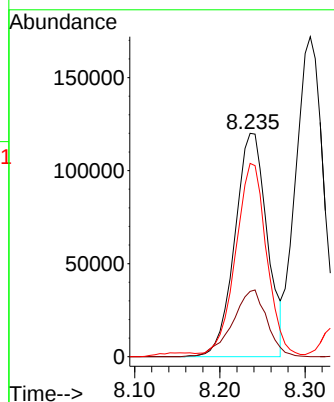


#31
Cyclohexane
Concen: 49.737 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Instrument :
MSVOA_N
ClientSampleId :

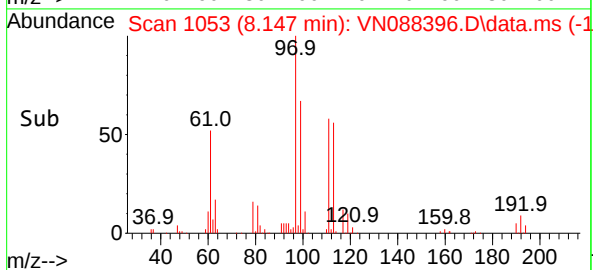
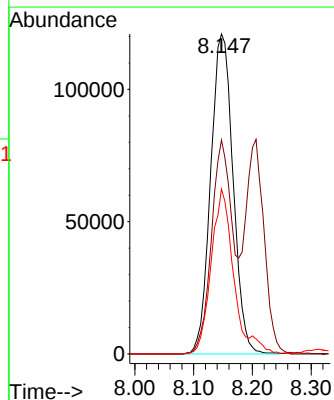
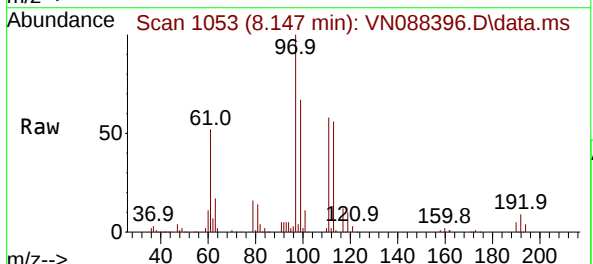


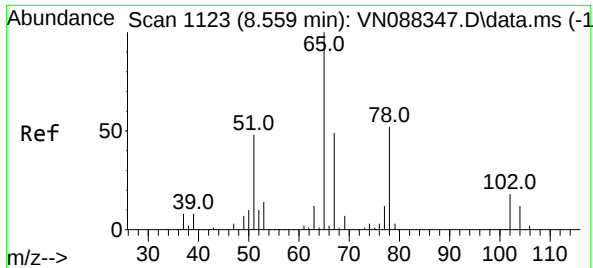
Tgt Ion: 56 Resp: 316054
Ion Ratio Lower Upper
56 100
69 29.2 25.3 37.9
84 84.6 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 52.783 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion: 97 Resp: 319775
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 51.9 42.2 63.2

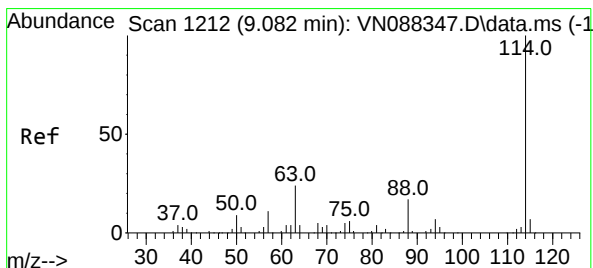
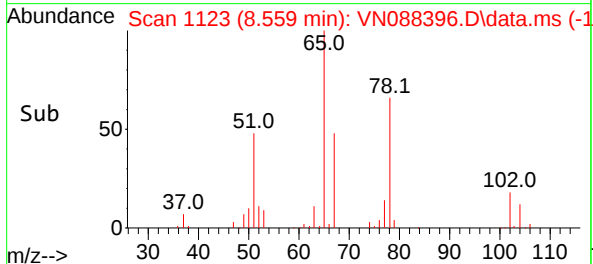
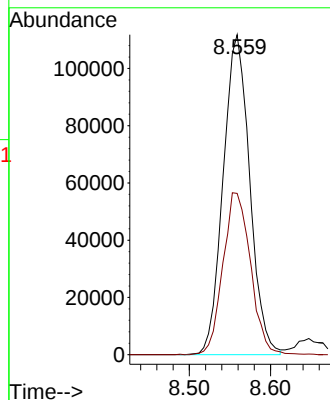
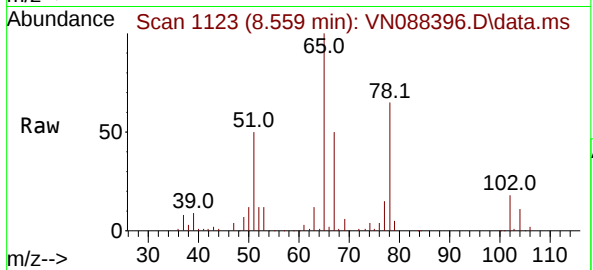




#33
 1,2-Dichloroethane-d4
 Concen: 52.554 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. 0.000 min
 Lab File: VN088396.D
 Acq: 02 Dec 2025 10:00

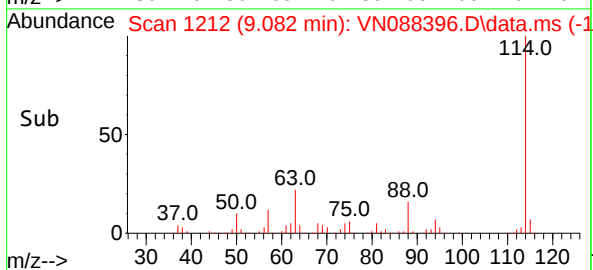
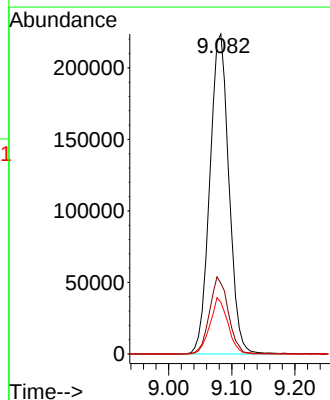
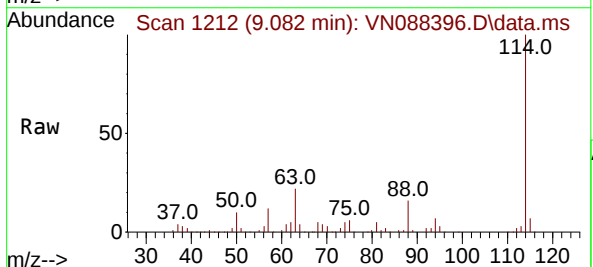
Instrument :
 MSVOA_N
 ClientSampleId :

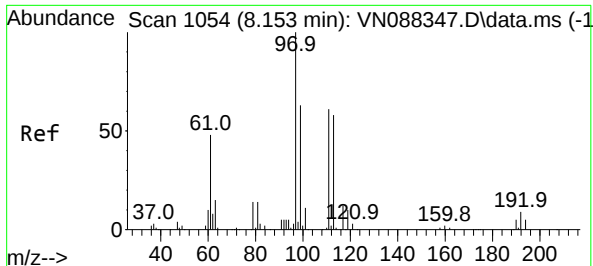
Tgt Ion: 65 Resp: 253924
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN088396.D
 Acq: 02 Dec 2025 10:00

Tgt Ion: 114 Resp: 469714
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 49.0
 88 16.1 0.0 34.0





#35

Dibromofluoromethane

Concen: 51.944 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

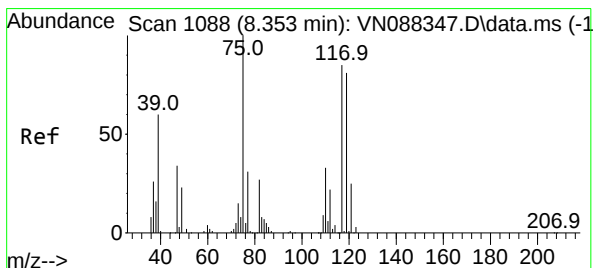
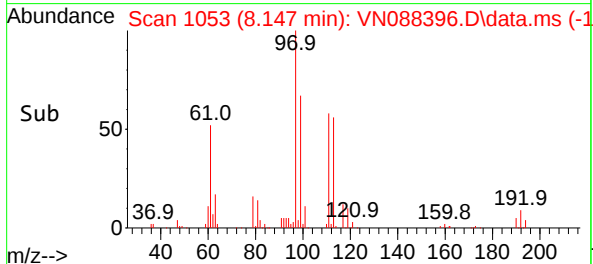
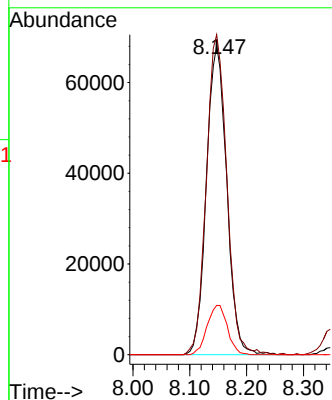
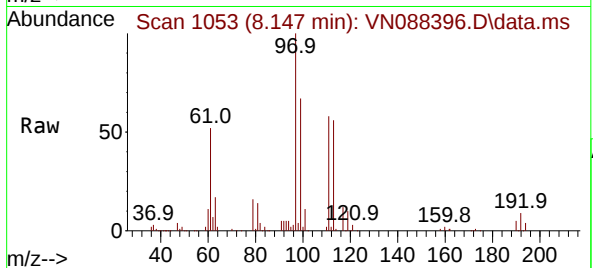
Tgt Ion:113 Resp: 169082

Ion Ratio Lower Upper

113 100

111 104.1 82.5 123.7

192 15.8 12.8 19.2



#36

1,1-Dichloropropene

Concen: 50.323 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

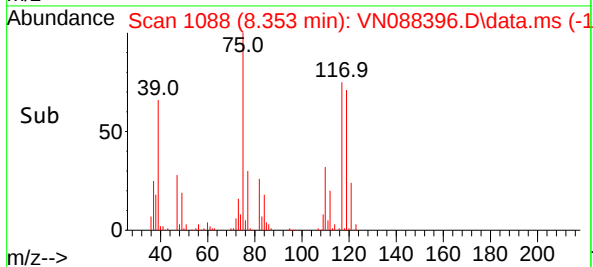
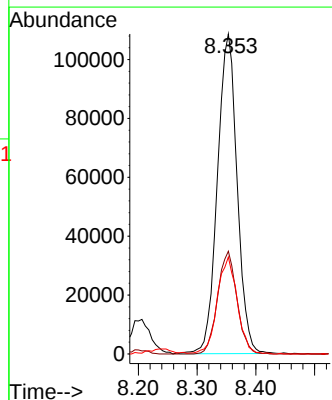
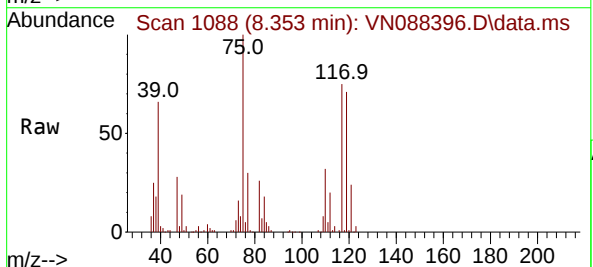
Tgt Ion: 75 Resp: 252809

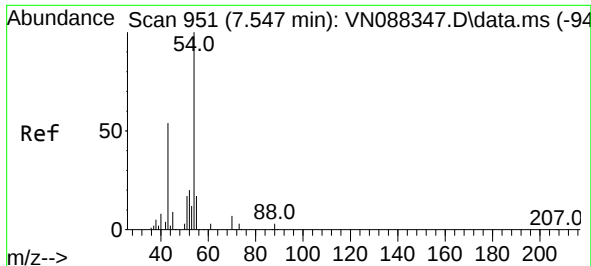
Ion Ratio Lower Upper

75 100

110 31.5 15.8 47.4

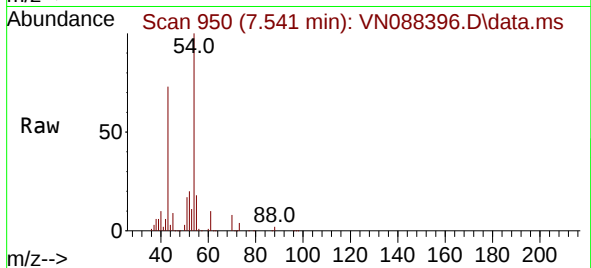
77 30.9 24.2 36.2



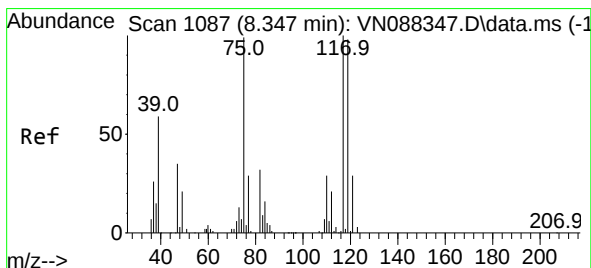
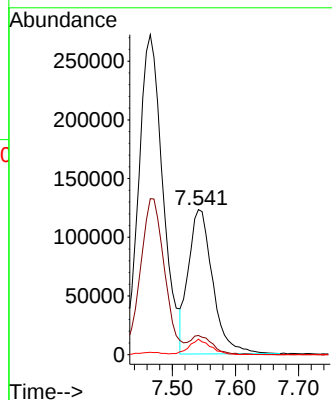
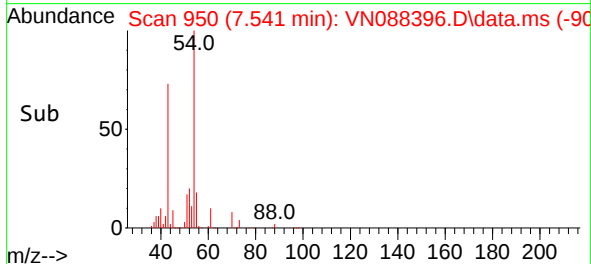


#37
Ethyl Acetate
Concen: 49.588 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Instrument :
MSVOA_N
ClientSampleId :

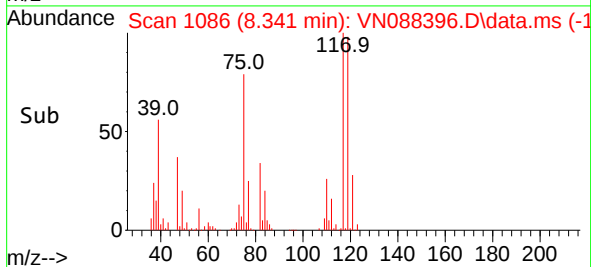
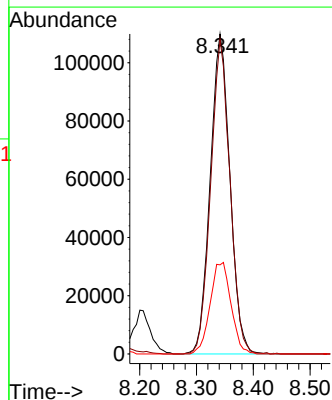
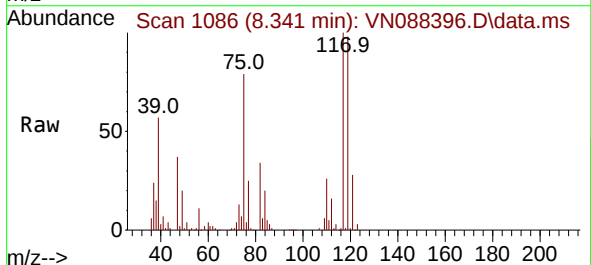


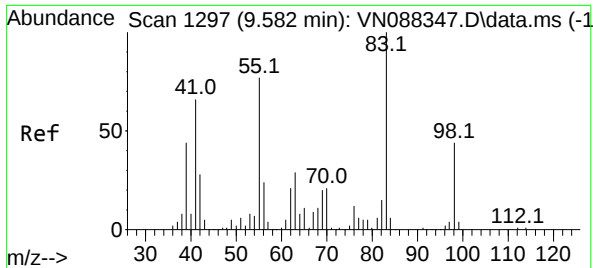
Tgt Ion: 43 Resp: 327556
Ion Ratio Lower Upper
43 100
61 11.9 9.5 14.3
70 9.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 52.952 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

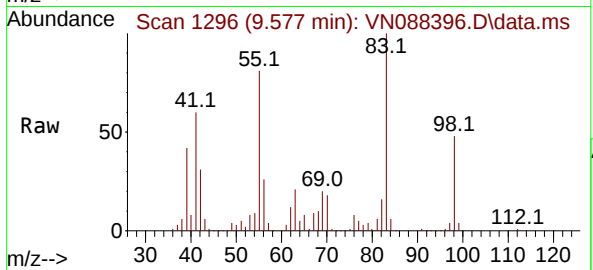
Tgt Ion: 117 Resp: 264813
Ion Ratio Lower Upper
117 100
119 98.3 78.2 117.4
121 27.9 23.4 35.2



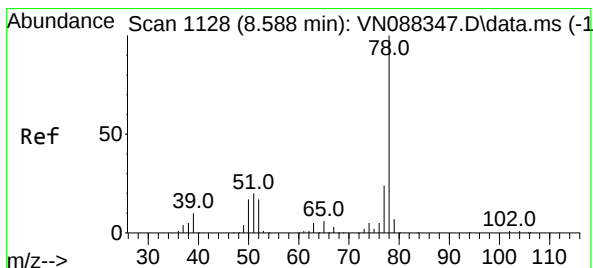
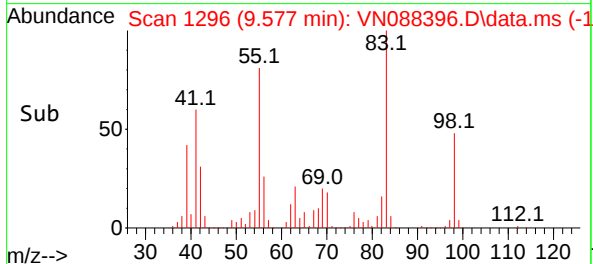
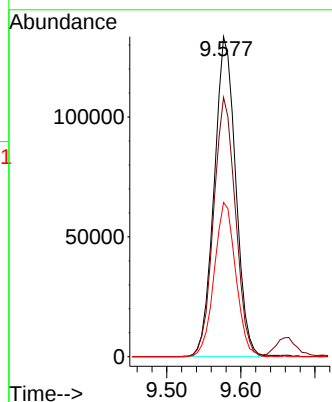


#39
Methylcyclohexane
Concen: 50.199 ug/l
RT: 9.577 min Scan# 11296
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Instrument :
MSVOA_N
ClientSampleId :

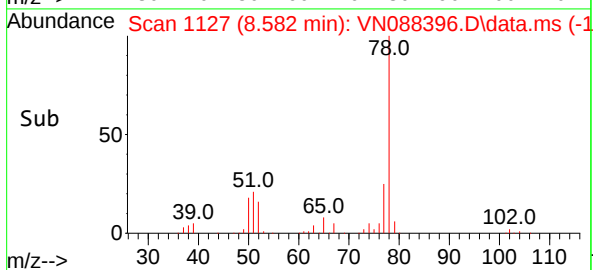
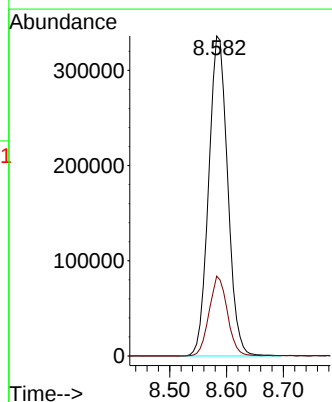
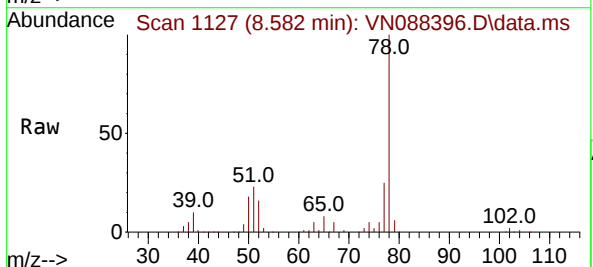


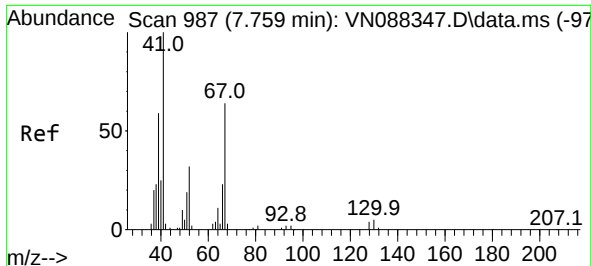
Tgt Ion: 83 Resp: 269744
Ion Ratio Lower Upper
83 100
55 81.1 61.6 92.4
98 48.2 35.3 52.9



#40
Benzene
Concen: 52.795 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

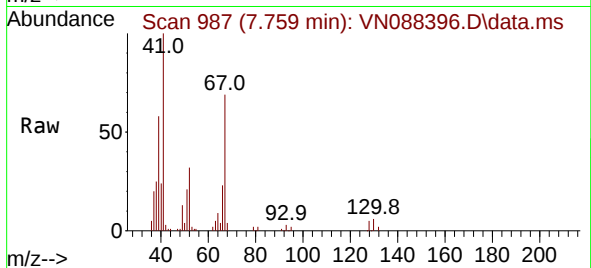
Tgt Ion: 78 Resp: 778430
Ion Ratio Lower Upper
78 100
77 25.0 19.0 28.4



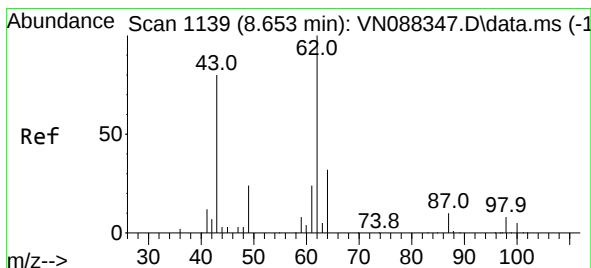
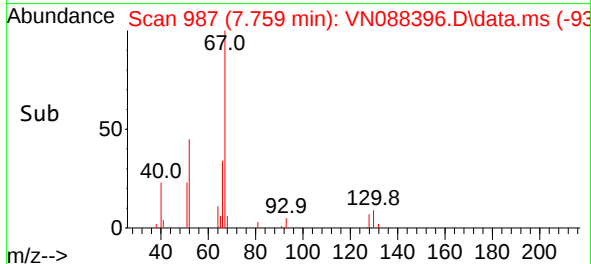
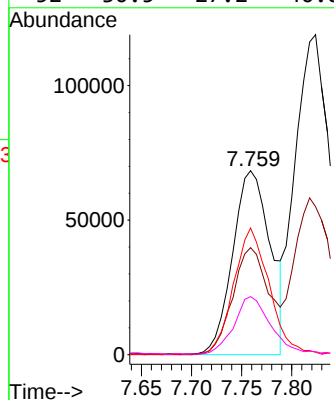


#41
Methacrylonitrile
Concen: 54.934 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Instrument :
MSVOA_N
ClientSampleId :

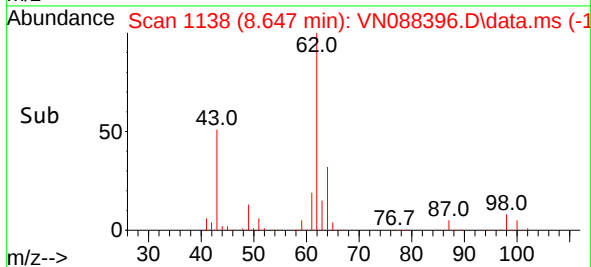
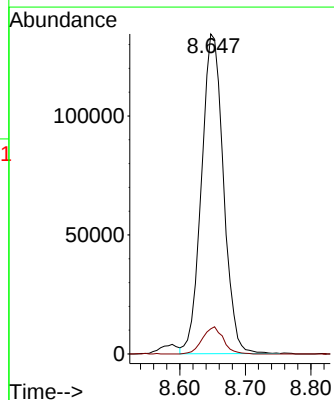
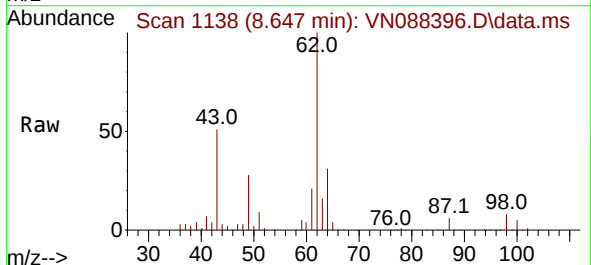


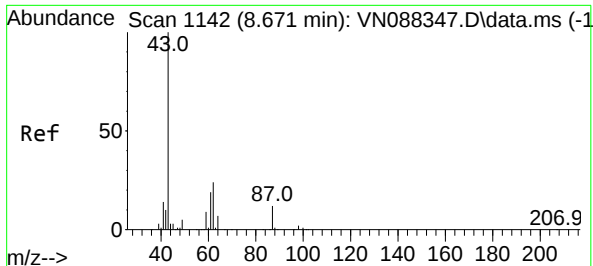
Tgt Ion:	41	Resp:	179724
Ion	Ratio	Lower	Upper
41	100		
39	56.5	46.3	69.5
67	65.1	54.7	82.1
52	30.5	27.2	40.8



#42
1,2-Dichloroethane
Concen: 55.698 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion:	62	Resp:	313321
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.2





#43

Isopropyl Acetate

Concen: 53.130 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. 0.000 min

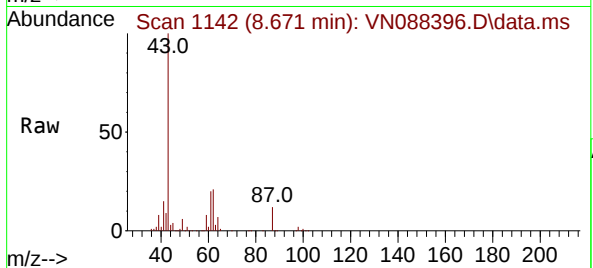
Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :



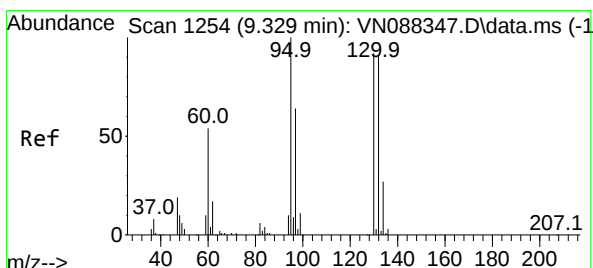
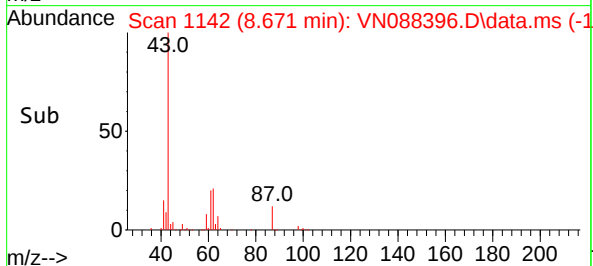
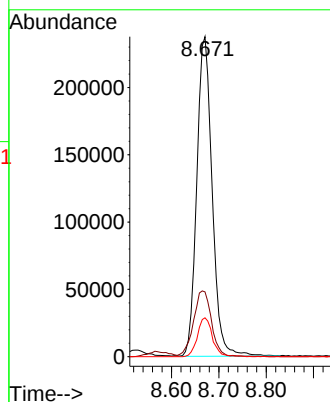
Tgt Ion: 43 Resp: 536207

Ion Ratio Lower Upper

43 100

61 24.3 18.7 28.1

87 11.8 9.1 13.7



#44

Trichloroethene

Concen: 49.744 ug/l

RT: 9.329 min Scan# 1254

Delta R.T. 0.000 min

Lab File: VN088396.D

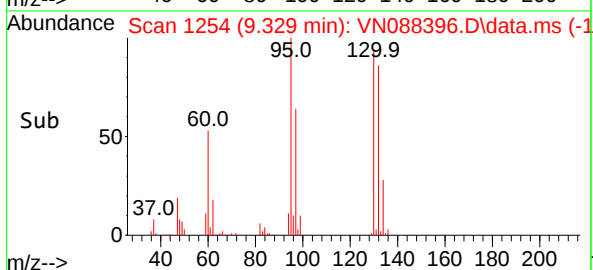
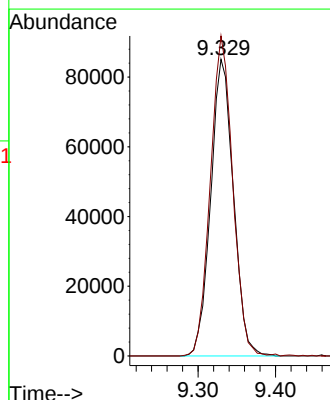
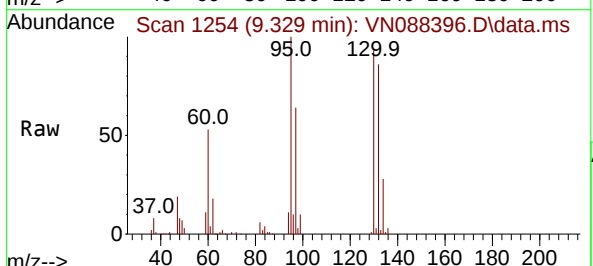
Acq: 02 Dec 2025 10:00

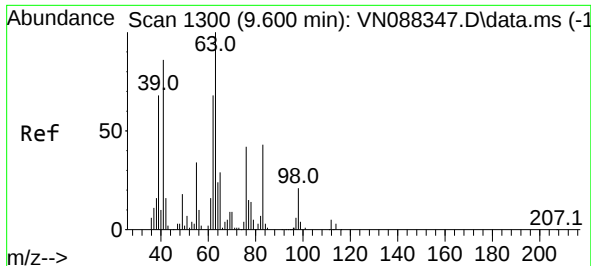
Tgt Ion:130 Resp: 173301

Ion Ratio Lower Upper

130 100

95 107.9 0.0 217.0





#45

1,2-Dichloropropane

Concen: 53.539 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Instrument :

MSVOA_N

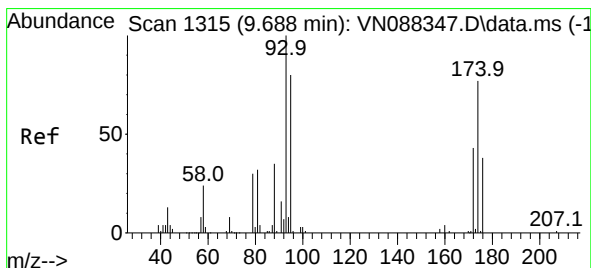
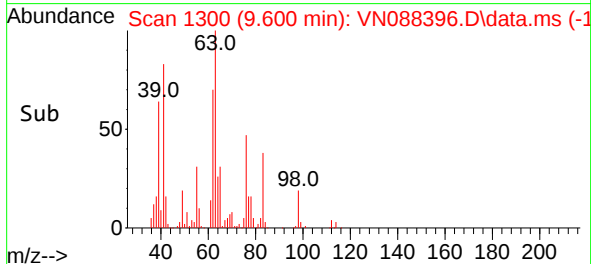
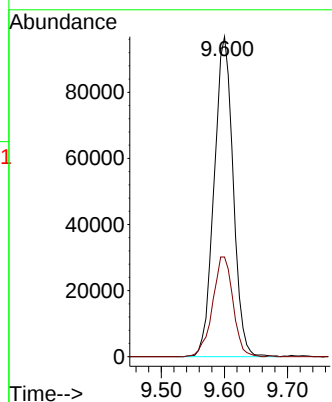
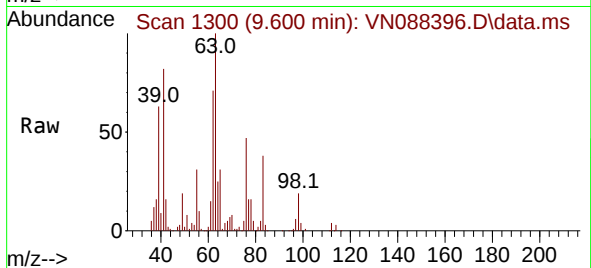
ClientSampleId :

Tgt Ion: 63 Resp: 202253

Ion Ratio Lower Upper

63 100

65 31.2 23.0 34.4



#46

Dibromomethane

Concen: 54.115 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

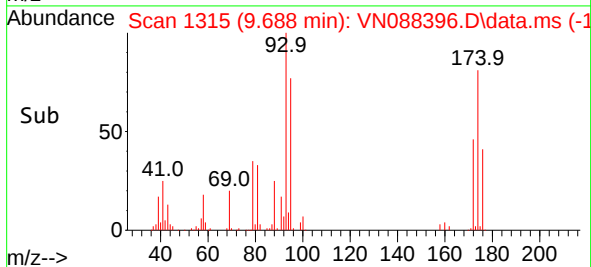
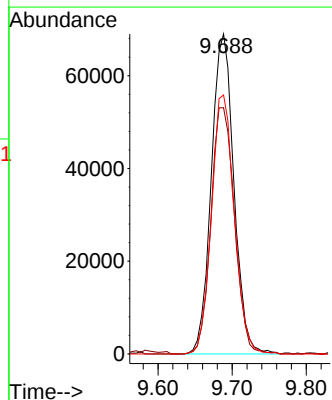
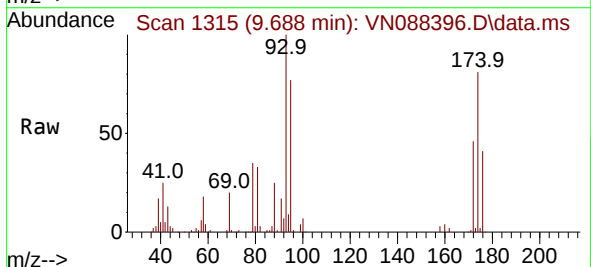
Tgt Ion: 93 Resp: 145893

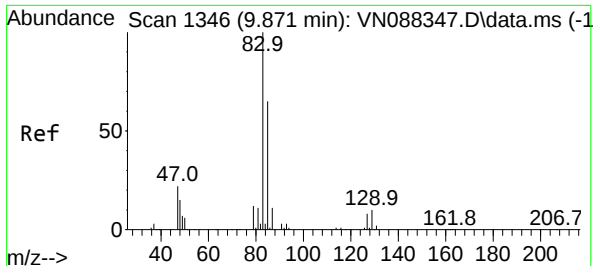
Ion Ratio Lower Upper

93 100

95 80.3 65.8 98.6

174 81.8 64.3 96.5





#47

Bromodichloromethane

Concen: 54.485 ug/l

RT: 9.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

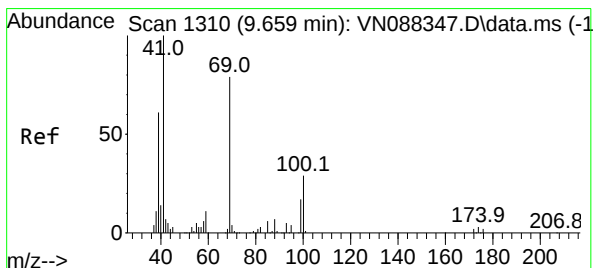
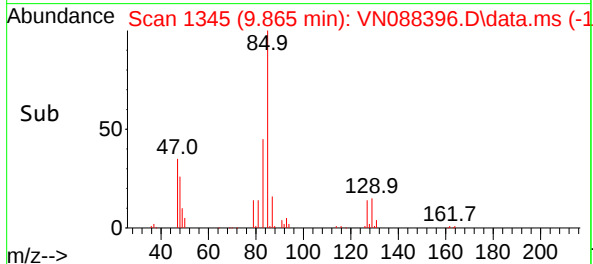
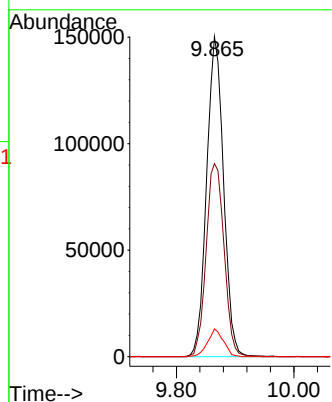
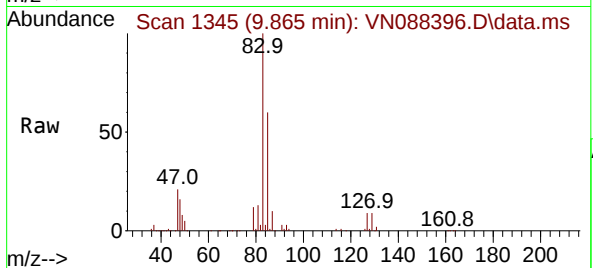
Tgt Ion: 83 Resp: 299715

Ion Ratio Lower Upper

83 100

85 60.3 51.9 77.9

127 8.7 6.3 9.5



#48

Methyl methacrylate

Concen: 54.615 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

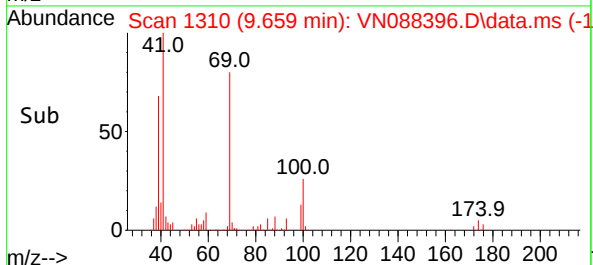
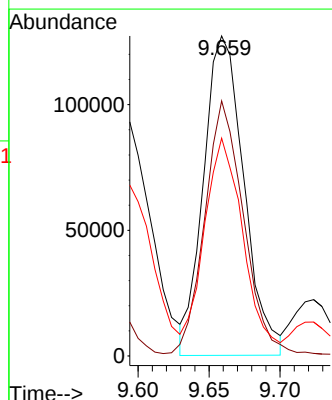
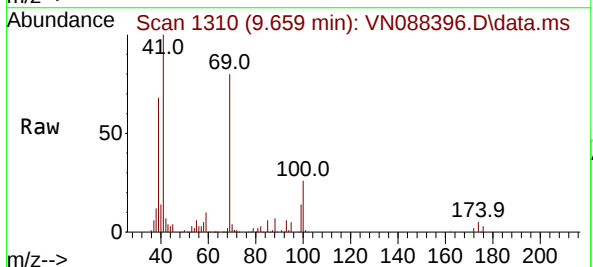
Tgt Ion: 41 Resp: 251492

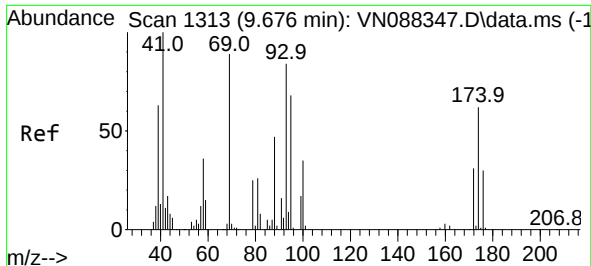
Ion Ratio Lower Upper

41 100

69 77.2 62.4 93.6

39 66.4 52.6 79.0





#49

1,4-Dioxane

Concen: 900.506 ug/l

RT: 9.677 min Scan# 1

Delta R.T. 0.000 min

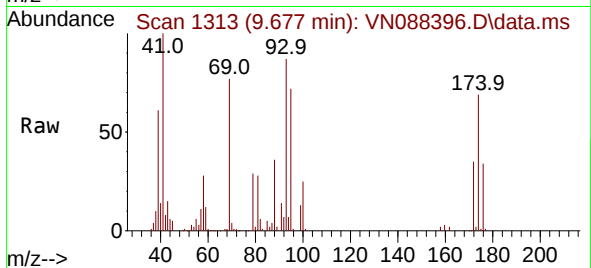
Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :



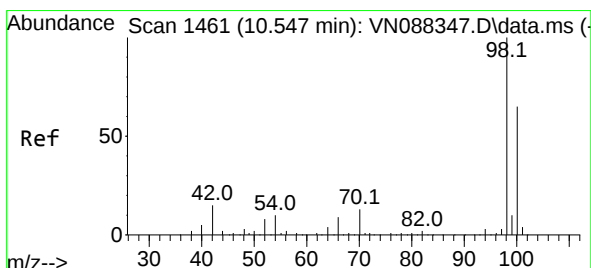
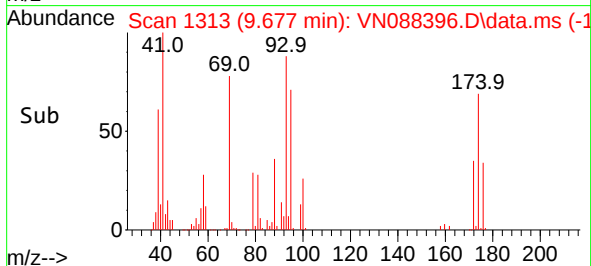
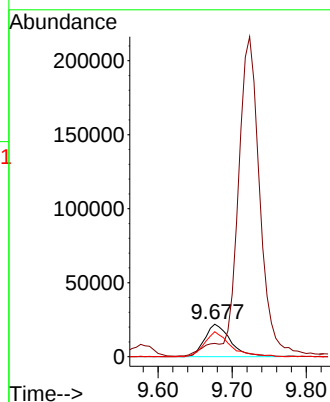
Tgt Ion: 88 Resp: 52735

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 77.5 62.0 93.0



#50

Toluene-d8

Concen: 51.805 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088396.D

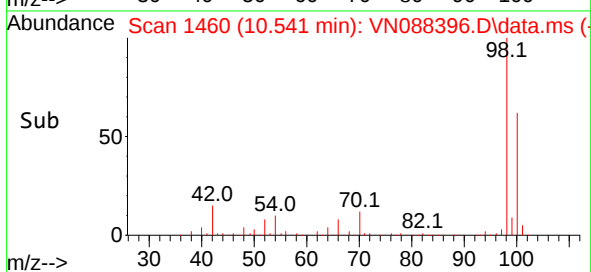
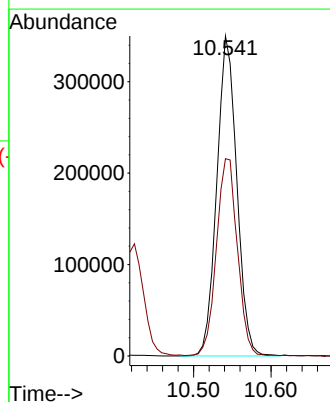
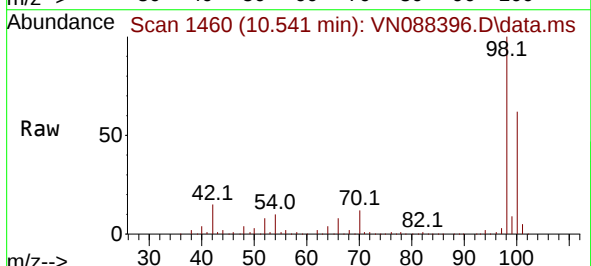
Acq: 02 Dec 2025 10:00

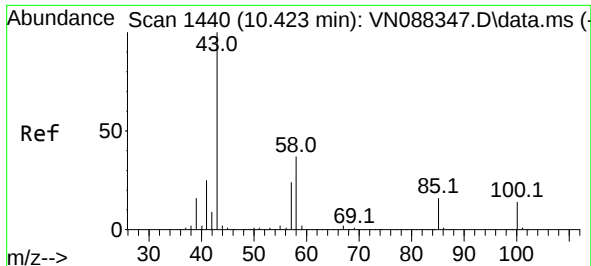
Tgt Ion: 98 Resp: 627431

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 274.163 ug/l

RT: 10.424 min Scan# 1440

Delta R.T. 0.000 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Instrument :

MSVOA_N

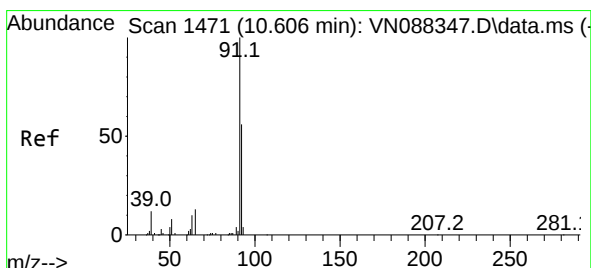
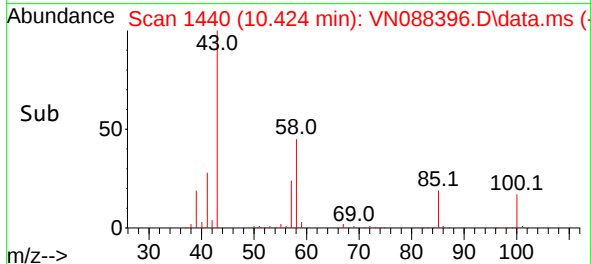
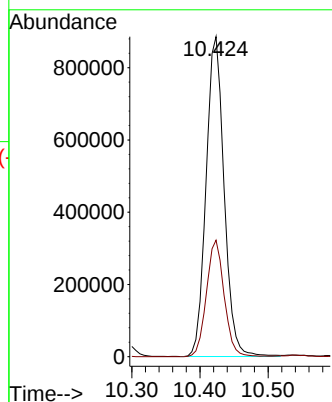
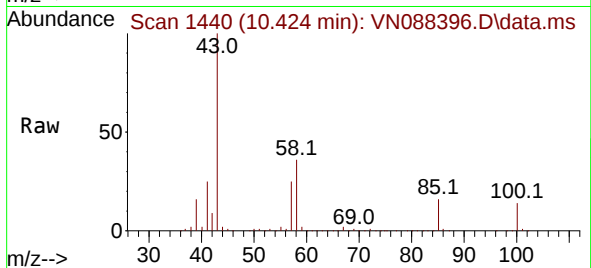
ClientSampleId :

Tgt Ion: 43 Resp: 1630933

Ion Ratio Lower Upper

43 100

58 35.9 29.1 43.7



#52

Toluene

Concen: 55.446 ug/l

RT: 10.606 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VN088396.D

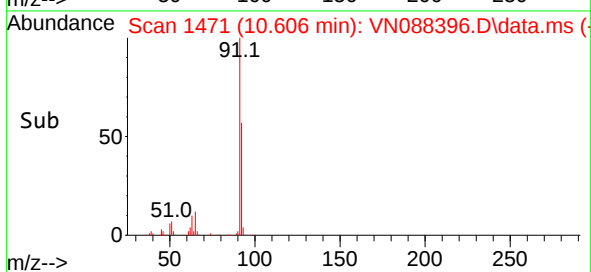
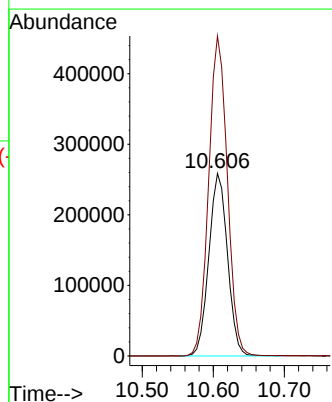
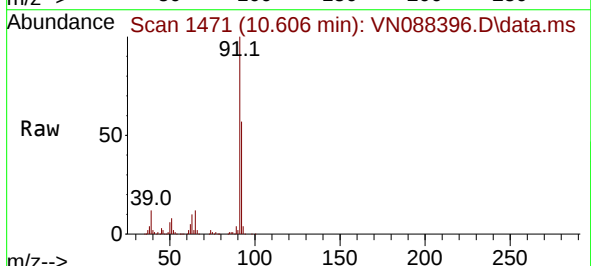
Acq: 02 Dec 2025 10:00

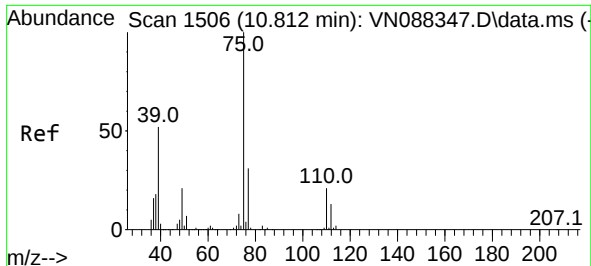
Tgt Ion: 92 Resp: 472055

Ion Ratio Lower Upper

92 100

91 175.4 140.2 210.2

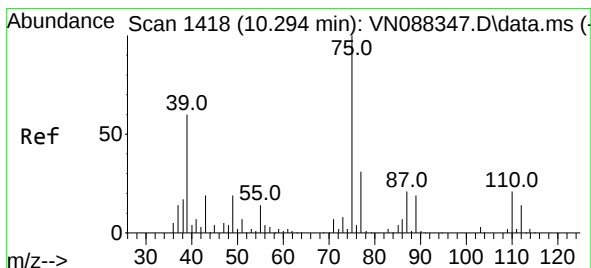
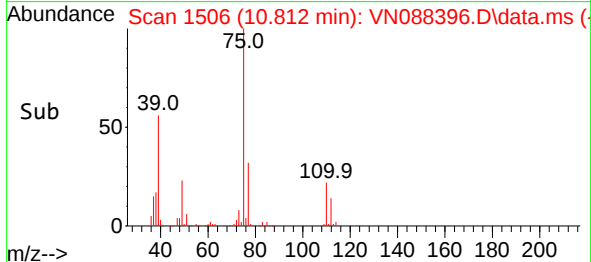
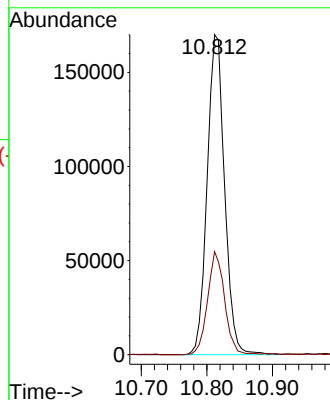
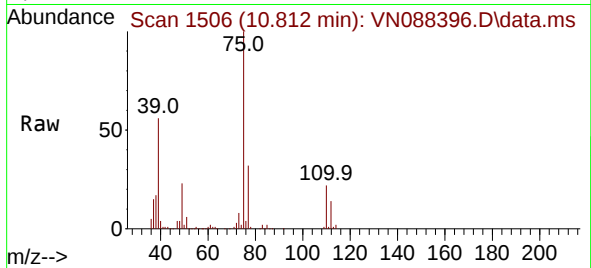




#53
t-1,3-Dichloropropene
Concen: 55.718 ug/l
RT: 10.812 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

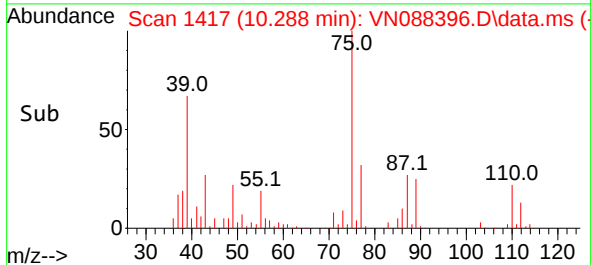
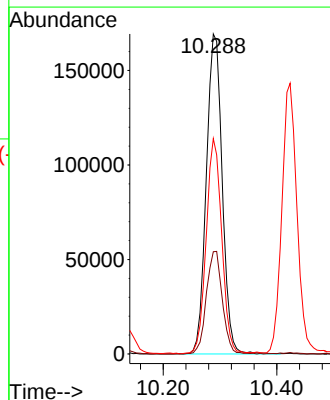
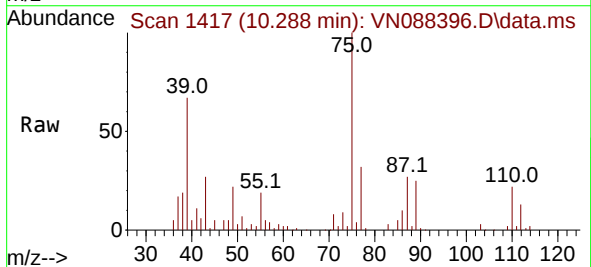
Instrument :
MSVOA_N
ClientSampleId :

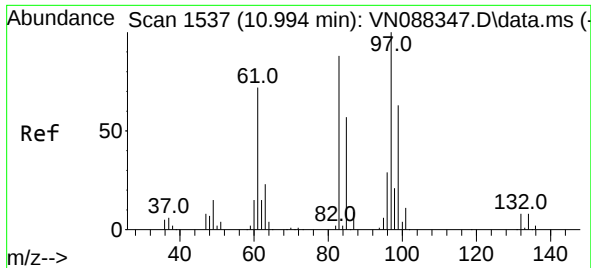
Tgt Ion: 75 Resp: 314605
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 55.267 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

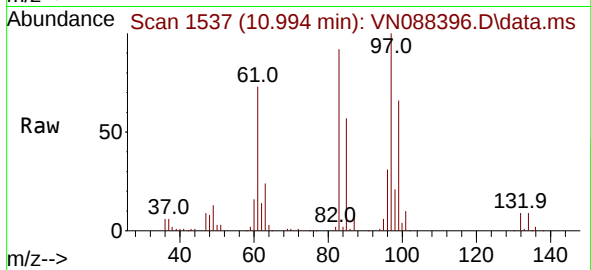
Tgt Ion: 75 Resp: 328168
Ion Ratio Lower Upper
75 100
77 31.8 24.5 36.7
39 67.3 48.3 72.5





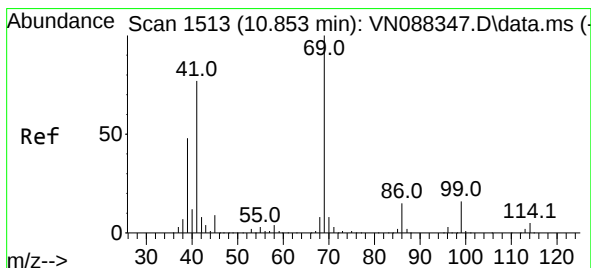
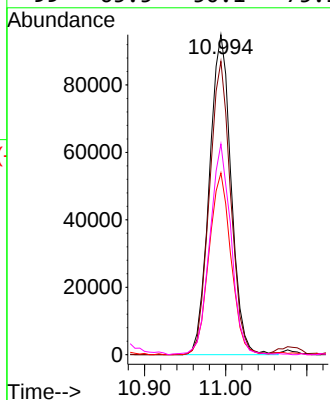
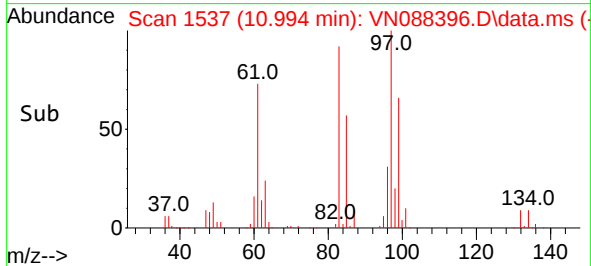
#55
1,1,2-Trichloroethane
Concen: 53.673 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 97 Resp: 176797

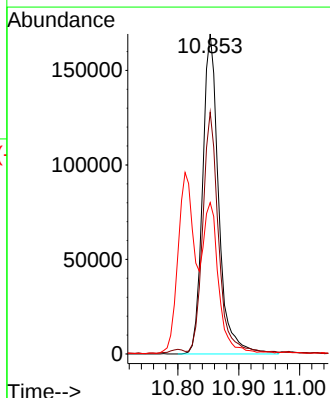
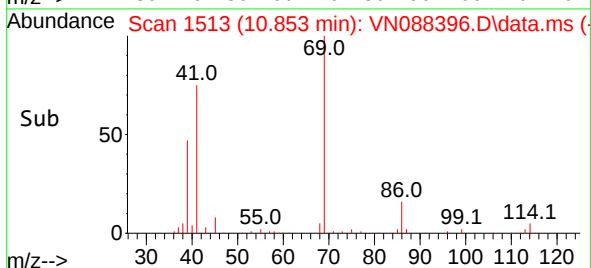
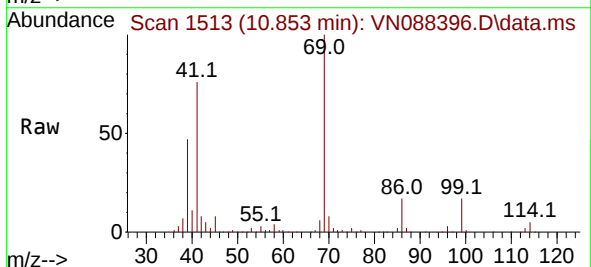
Ion	Ratio	Lower	Upper
97	100		
83	91.7	70.4	105.6
85	56.6	45.4	68.2
99	65.5	50.1	75.1

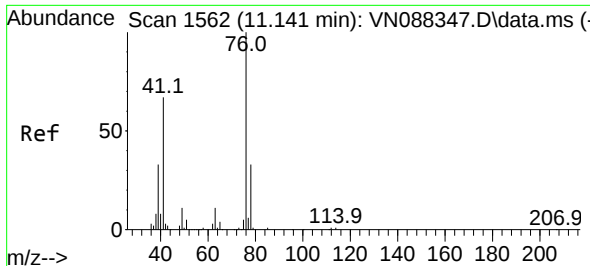


#56
Ethyl methacrylate
Concen: 59.578 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion: 69 Resp: 309997

Ion	Ratio	Lower	Upper
69	100		
41	73.5	59.6	89.4
39	43.9	36.4	54.6





#57

1,3-Dichloropropane

Concen: 54.848 ug/l

RT: 11.141 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Instrument :

MSVOA_N

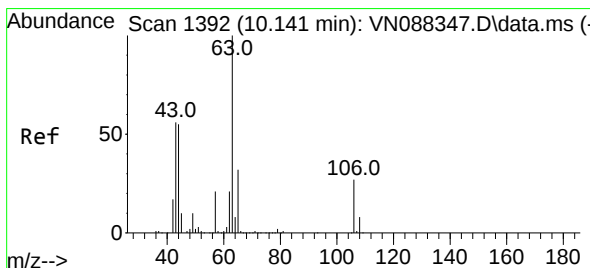
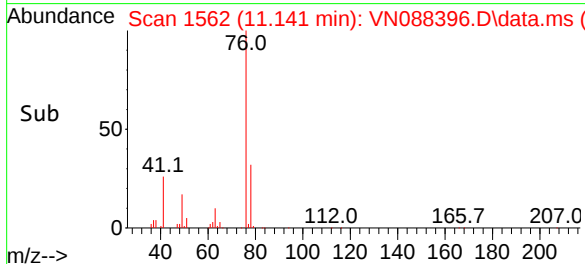
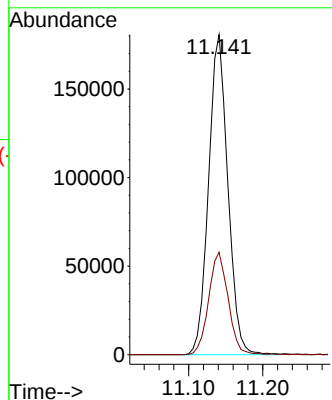
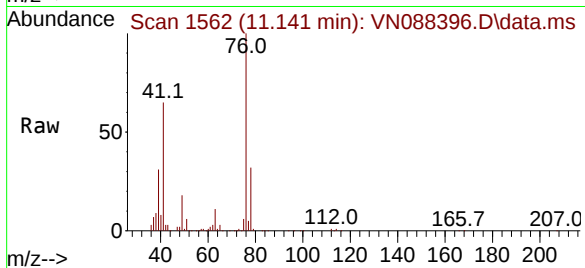
ClientSampleId :

Tgt Ion: 76 Resp: 325930

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 296.591 ug/l

RT: 10.135 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VN088396.D

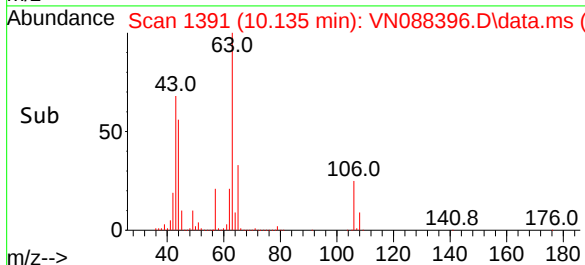
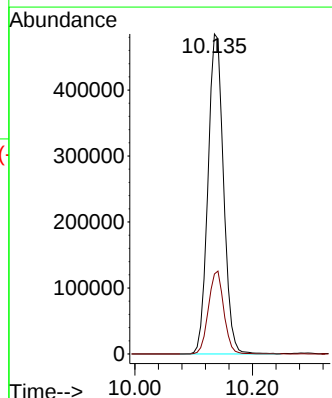
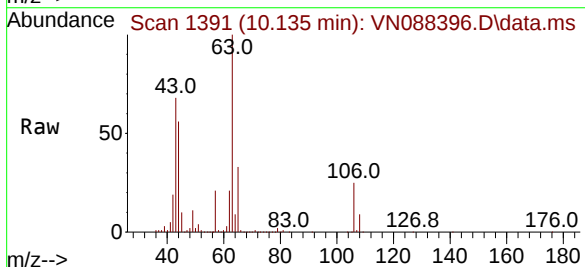
Acq: 02 Dec 2025 10:00

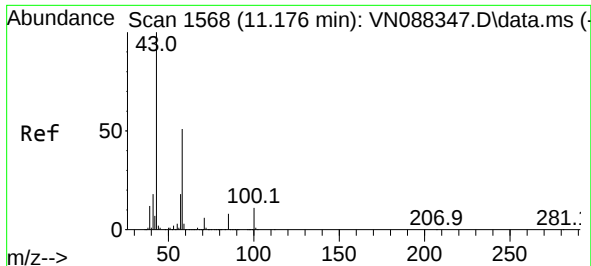
Tgt Ion: 63 Resp: 889687

Ion Ratio Lower Upper

63 100

106 25.5 20.5 30.7

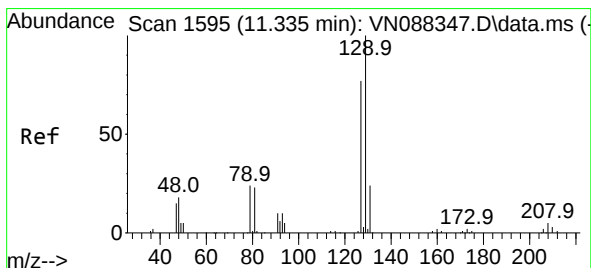
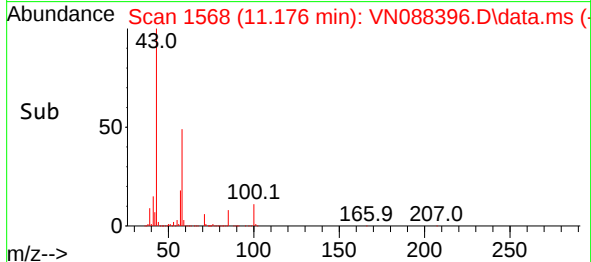
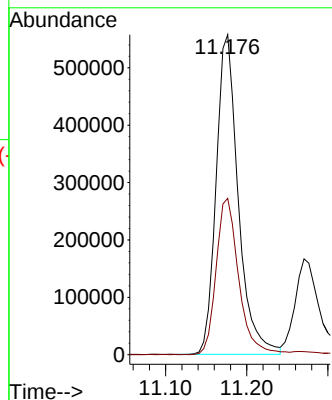
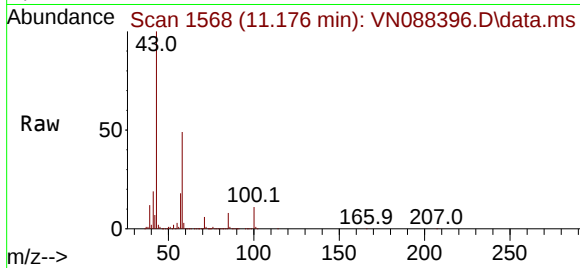




#59
2-Hexanone
Concen: 281.819 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

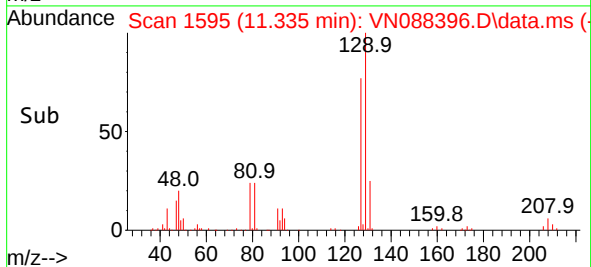
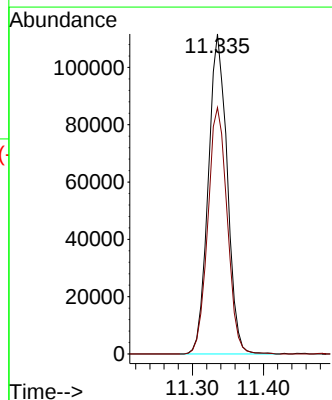
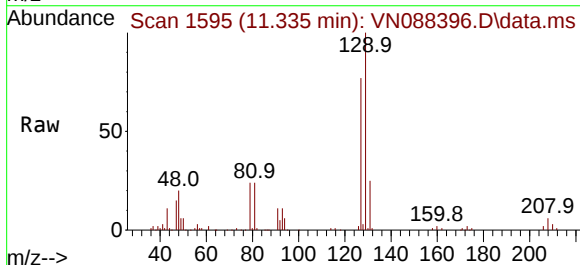
Instrument :
MSVOA_N
ClientSampleId :

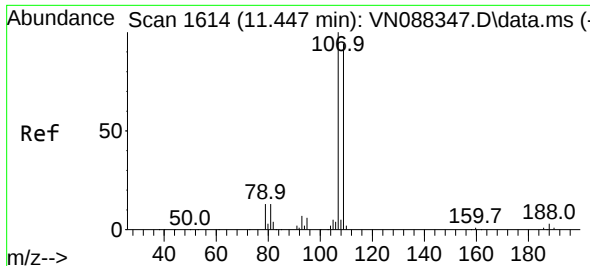
Tgt Ion: 43 Resp: 1056107
Ion Ratio Lower Upper
43 100
58 50.1 25.3 75.9



#60
Dibromochloromethane
Concen: 54.923 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion:129 Resp: 206242
Ion Ratio Lower Upper
129 100
127 79.0 38.2 114.6

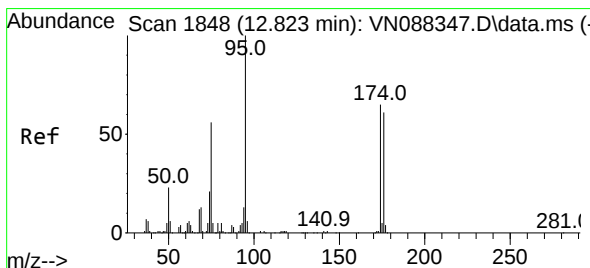
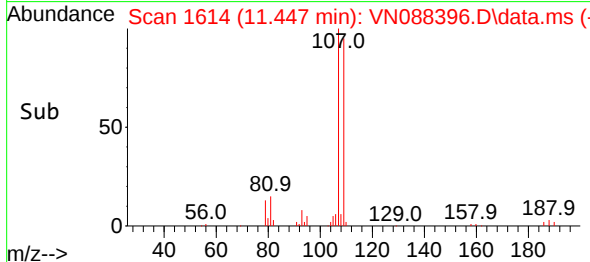
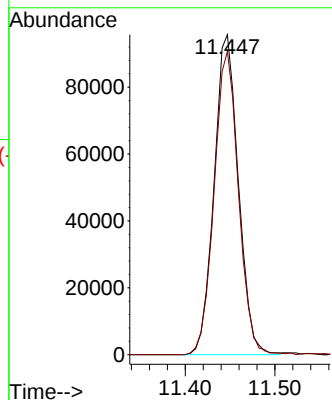
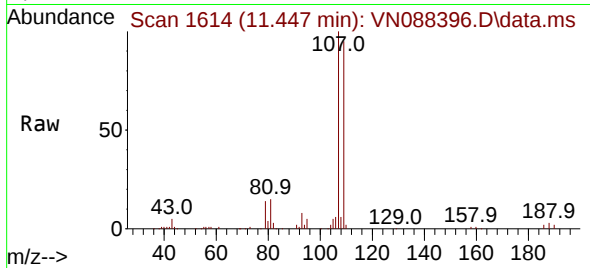




#61
1,2-Dibromoethane
Concen: 53.790 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

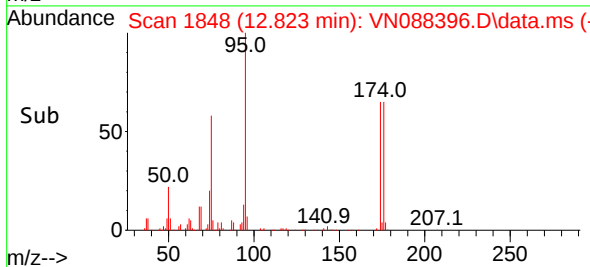
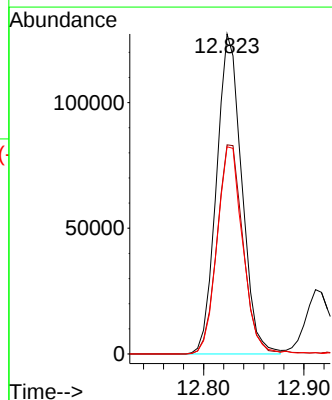
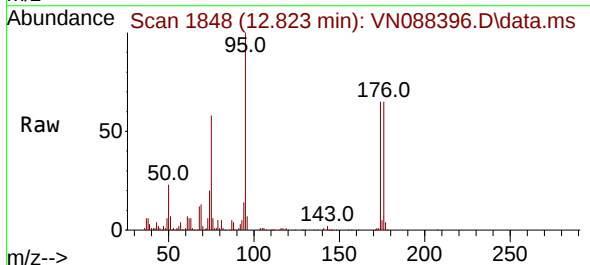
Instrument :
MSVOA_N
ClientSampleId :

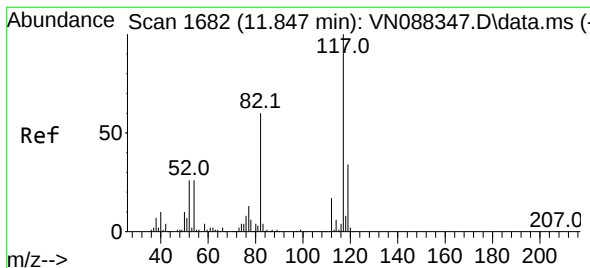
Tgt Ion:107 Resp: 179422
Ion Ratio Lower Upper
107 100
109 95.0 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 53.532 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion: 95 Resp: 222462
Ion Ratio Lower Upper
95 100
174 67.6 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: VN088396.D

Acq: 02 Dec 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

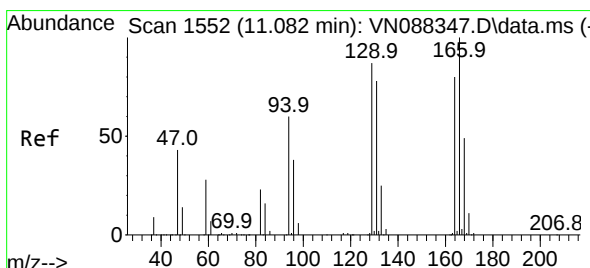
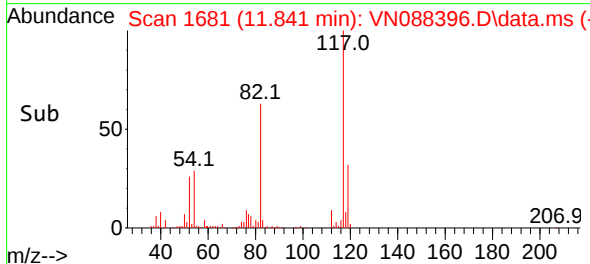
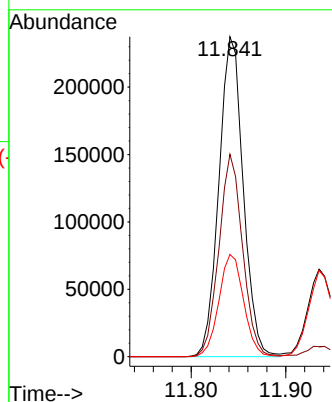
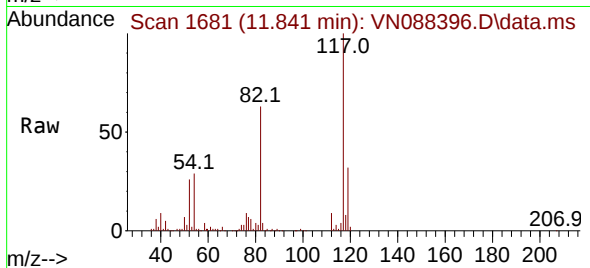
Tgt Ion:117 Resp: 423596

Ion Ratio Lower Upper

117 100

82 63.3 47.8 71.8

119 32.0 26.9 40.3



#64

Tetrachloroethene

Concen: 44.782 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. 0.000 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Tgt Ion:164 Resp: 150384

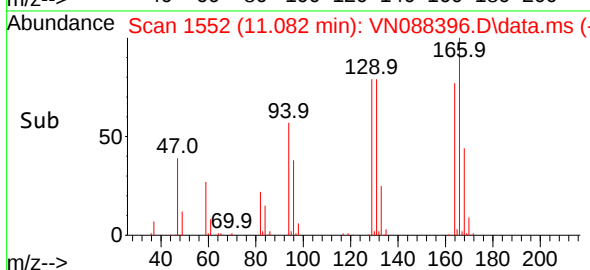
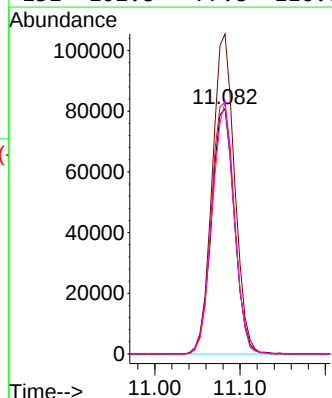
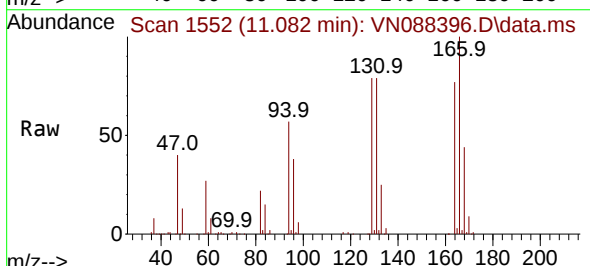
Ion Ratio Lower Upper

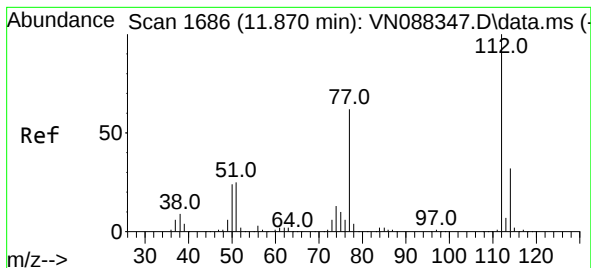
164 100

166 130.5 99.6 149.4

129 102.7 86.6 129.8

131 102.8 77.8 116.6





#65

Chlorobenzene

Concen: 52.708 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Instrument :

MSVOA_N

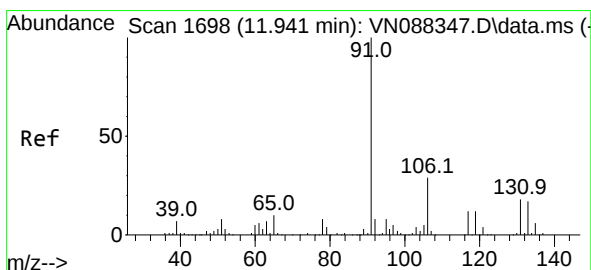
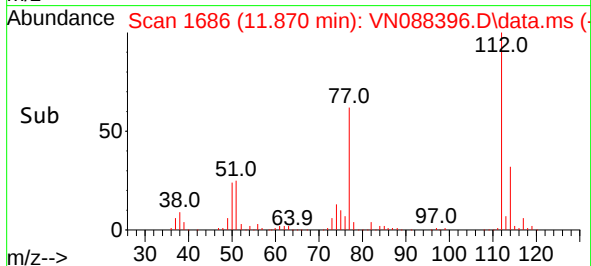
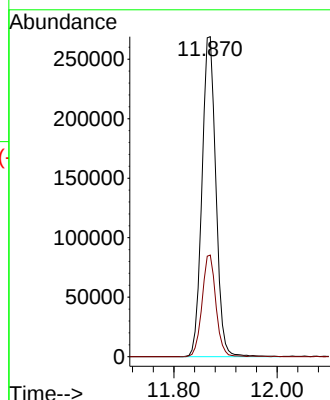
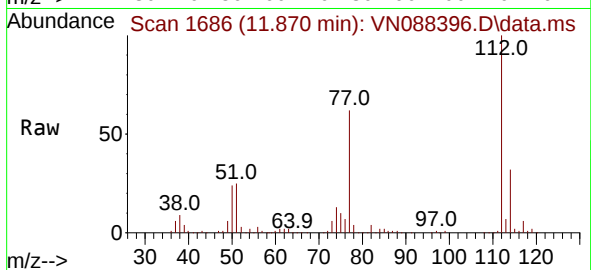
ClientSampleId :

Tgt Ion:112 Resp: 501501

Ion Ratio Lower Upper

112 100

114 31.8 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 54.016 ug/l

RT: 11.935 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

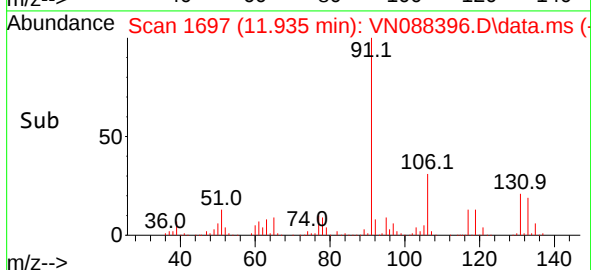
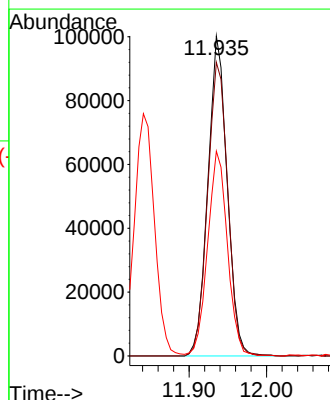
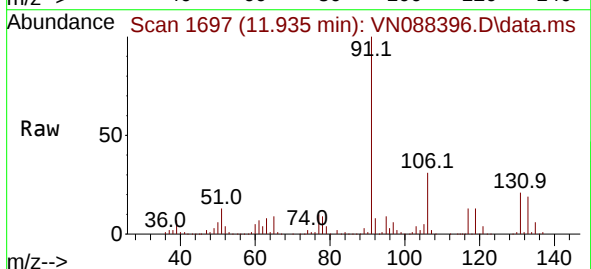
Tgt Ion:131 Resp: 173343

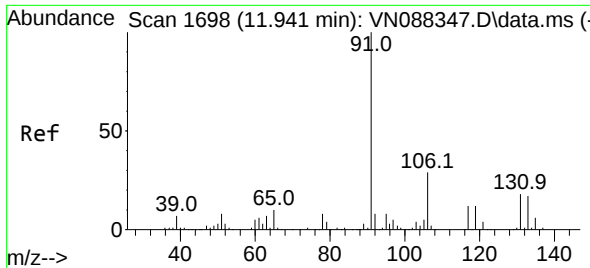
Ion Ratio Lower Upper

131 100

133 96.0 47.4 142.2

119 65.8 33.4 100.1

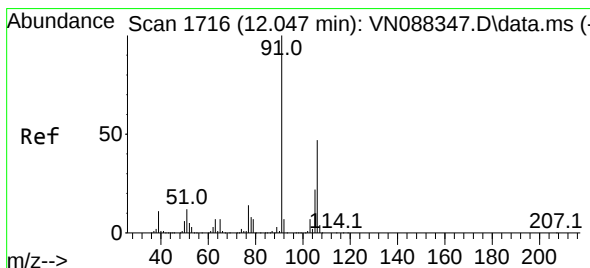
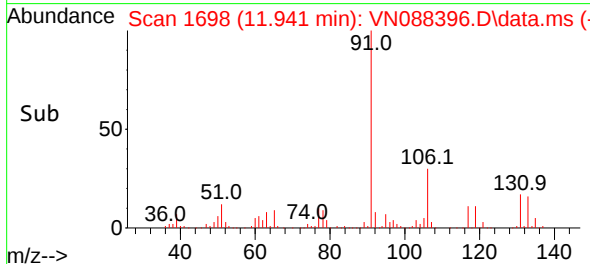
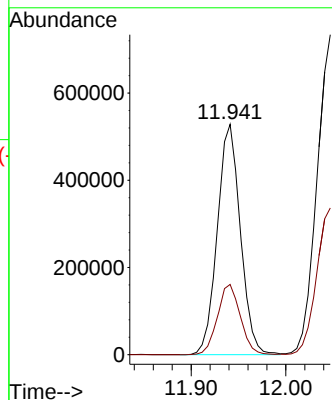
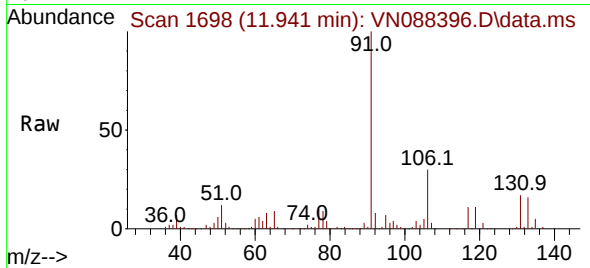




#67
Ethyl Benzene
Concen: 53.815 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

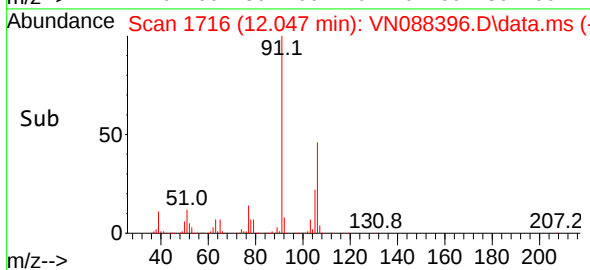
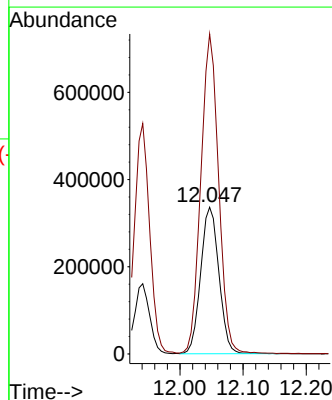
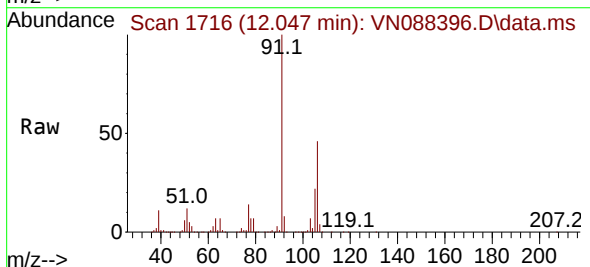
Instrument :
MSVOA_N
ClientSampleId :

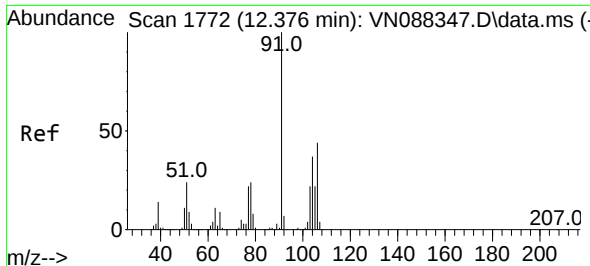
Tgt Ion: 91 Resp: 894936
Ion Ratio Lower Upper
91 100
106 30.5 23.6 35.4



#68
m/p-Xylenes
Concen: 109.596 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion: 106 Resp: 675748
Ion Ratio Lower Upper
106 100
91 212.3 167.8 251.6

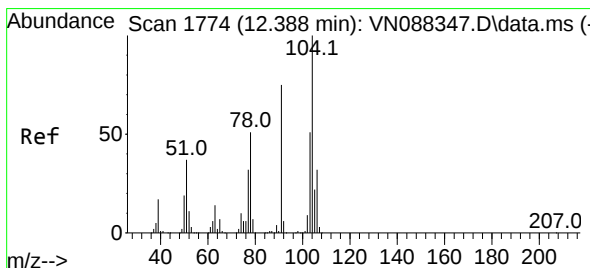
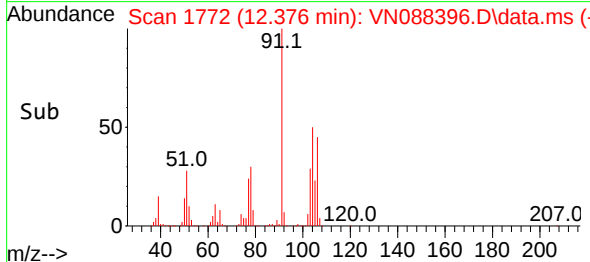
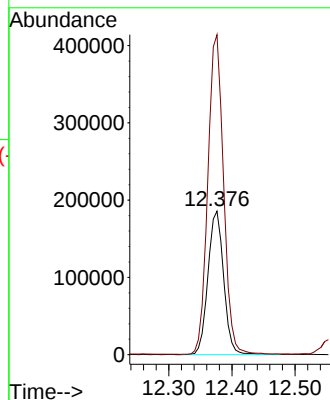
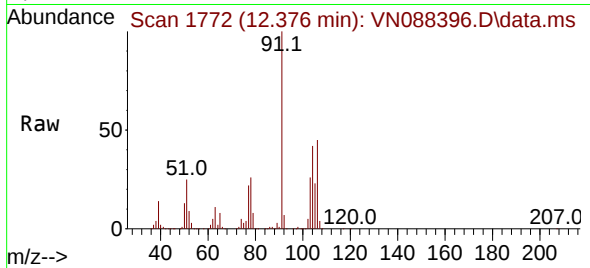




#69
o-Xylene
Concen: 54.601 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

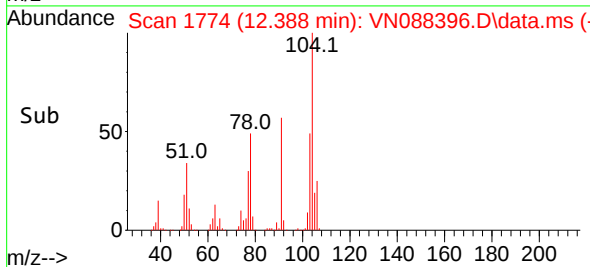
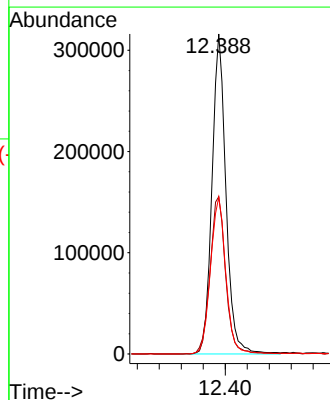
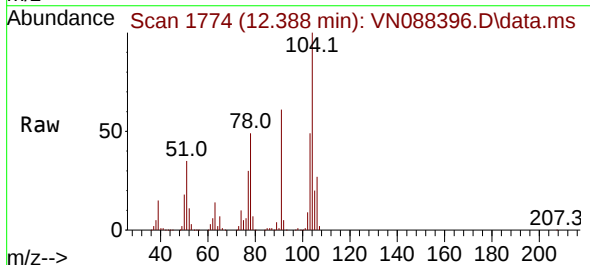
Instrument :
MSVOA_N
ClientSampleId :

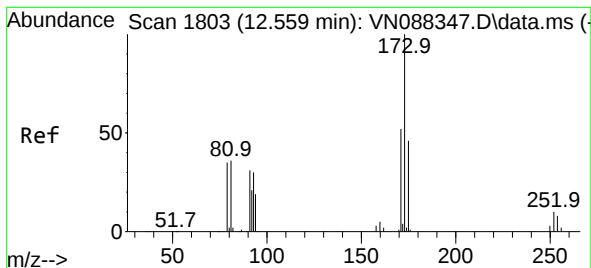
Tgt Ion:106 Resp: 320961
Ion Ratio Lower Upper
106 100
91 223.1 112.9 338.7



#70
Styrene
Concen: 58.473 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion:104 Resp: 558107
Ion Ratio Lower Upper
104 100
78 54.8 44.3 66.5
103 53.7 44.2 66.4





#71

Bromoform

Concen: 55.009 ug/l

RT: 12.559 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

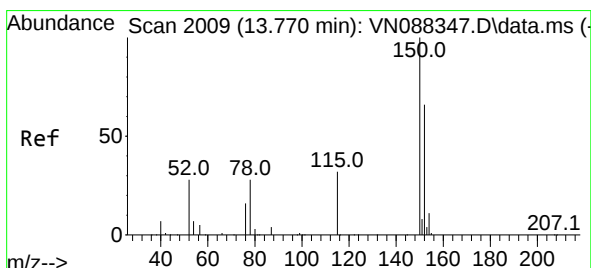
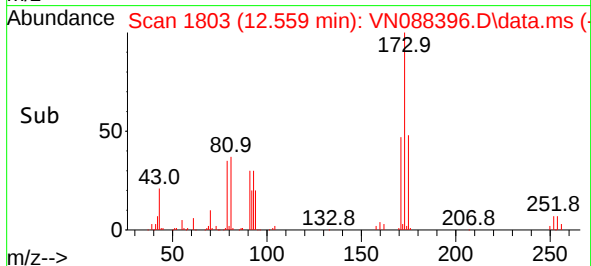
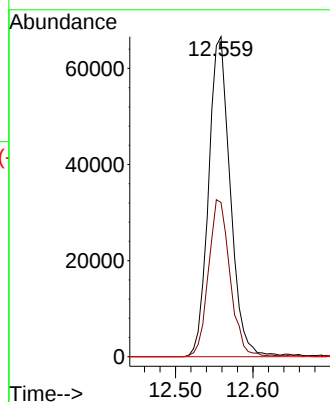
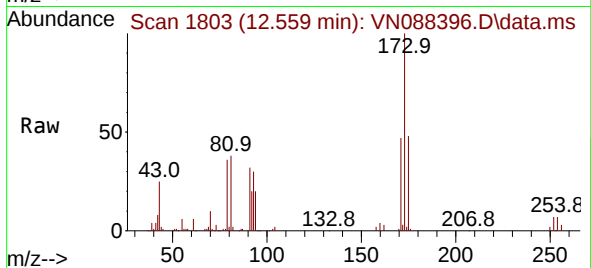
Tgt Ion:173 Resp: 129299

Ion Ratio Lower Upper

173 100

175 48.7 23.9 71.8

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.764 min Scan# 2008

Delta R.T. -0.006 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

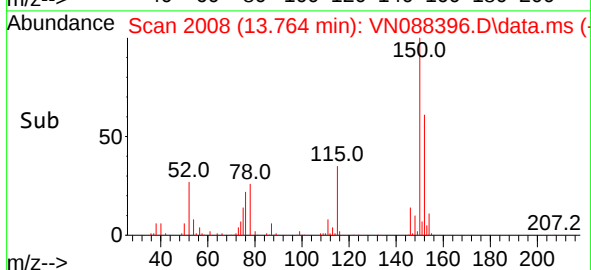
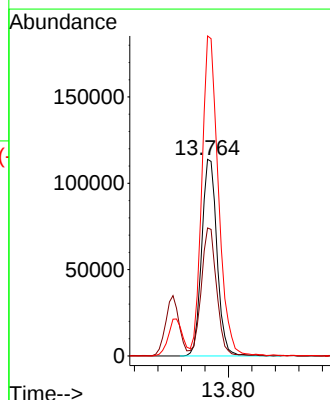
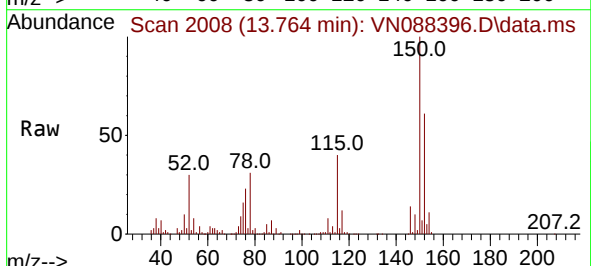
Tgt Ion:152 Resp: 206439

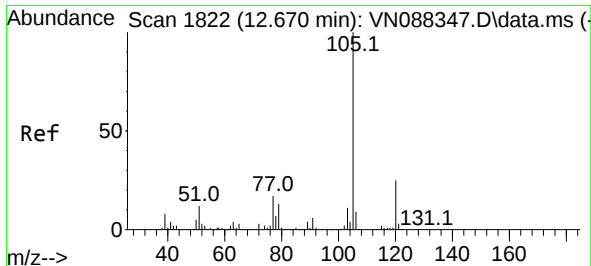
Ion Ratio Lower Upper

152 100

115 65.7 33.0 98.9

150 174.9 0.0 349.0

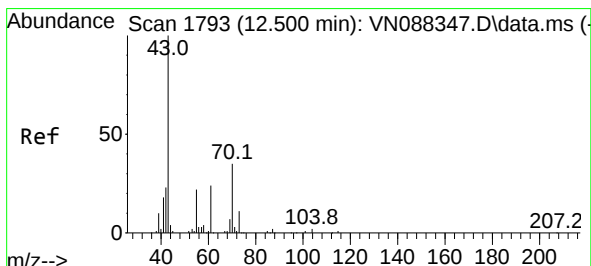
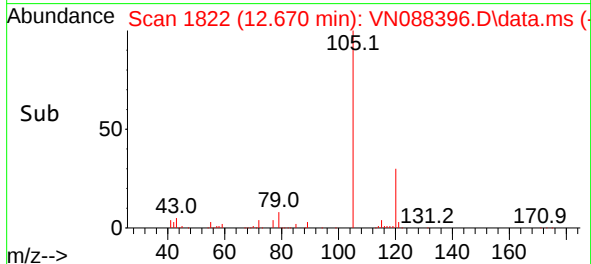
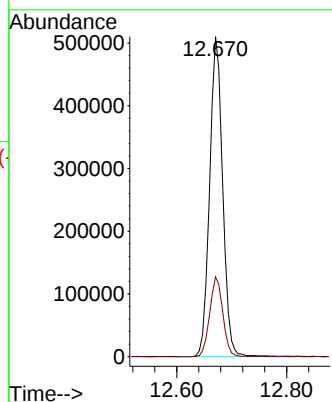
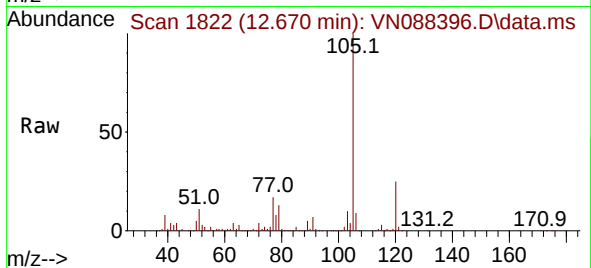




#73
Isopropylbenzene
Concen: 54.998 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

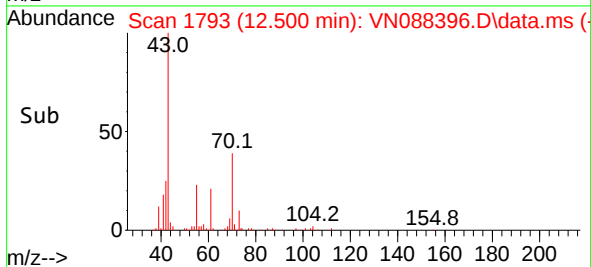
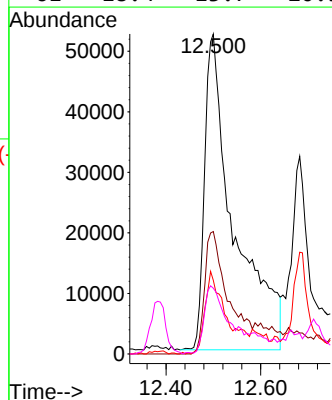
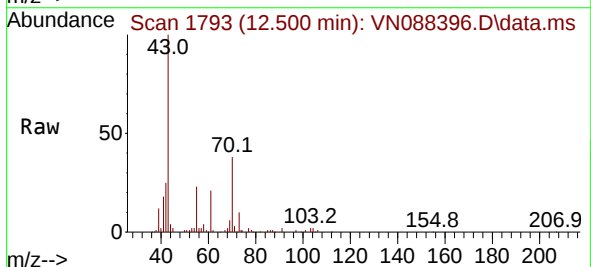
Instrument :
MSVOA_N
ClientSampleId :

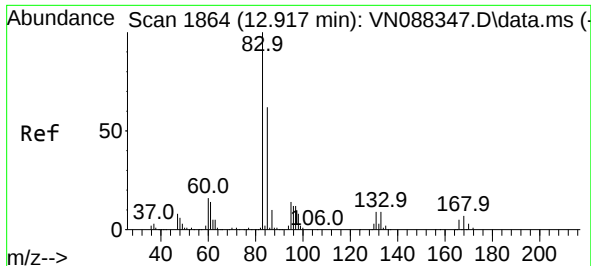
Tgt Ion:105 Resp: 839483
Ion Ratio Lower Upper
105 100
120 25.1 12.8 38.3



#74
N-ethyl acetate
Concen: 43.238 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion: 43 Resp: 224758
Ion Ratio Lower Upper
43 100
70 31.8 28.3 42.5
55 19.3 17.7 26.5
61 18.4 13.7 20.5

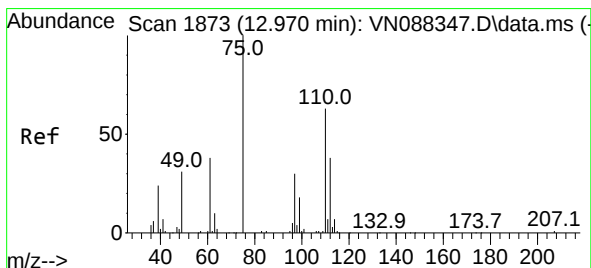
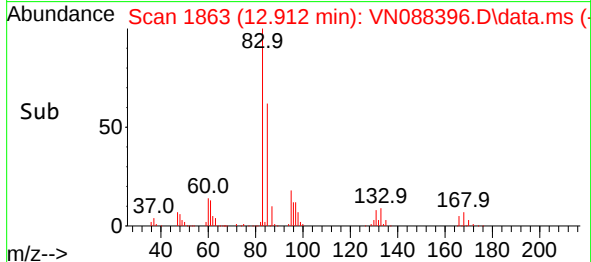
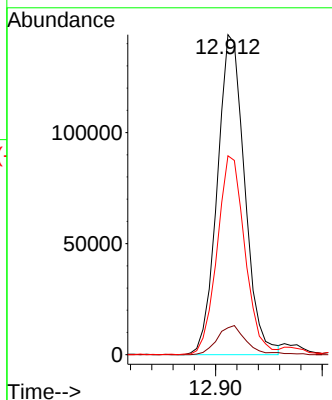
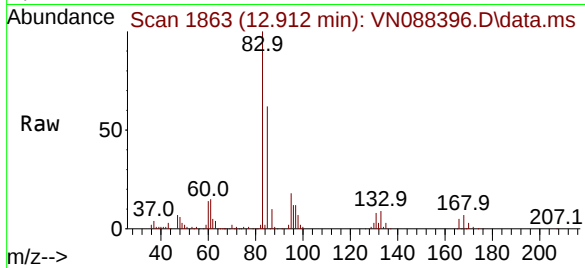




#75
 1,1,2-Tetrachloroethane
 Concen: 52.080 ug/l
 RT: 12.912 min Scan# 1863
 Delta R.T. -0.006 min
 Lab File: VN088396.D
 Acq: 02 Dec 2025 10:00

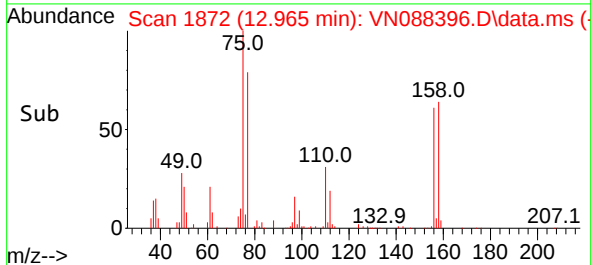
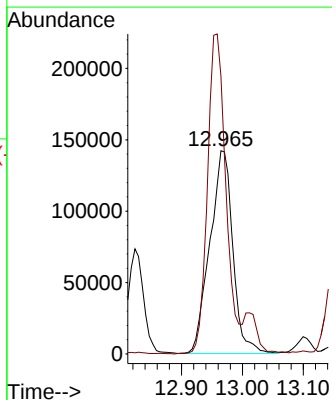
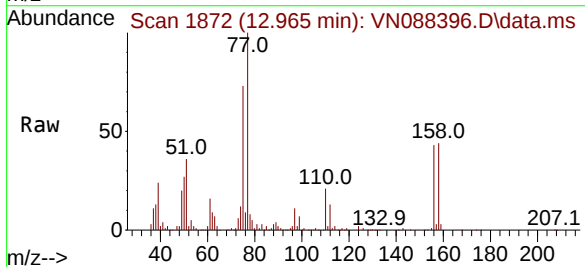
Instrument :
 MSVOA_N
 ClientSampleId :

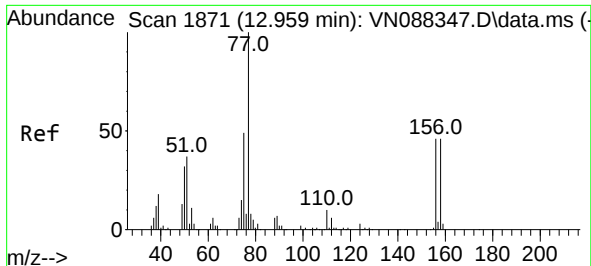
Tgt Ion: 83 Resp: 256991
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.8 14.4
 85 63.2 32.1 96.5



#76
 1,2,3-Trichloropropane
 Concen: 76.899 ug/l
 RT: 12.965 min Scan# 1872
 Delta R.T. -0.006 min
 Lab File: VN088396.D
 Acq: 02 Dec 2025 10:00

Tgt Ion: 75 Resp: 371817
 Ion Ratio Lower Upper
 75 100
 77 127.6 87.2 261.6

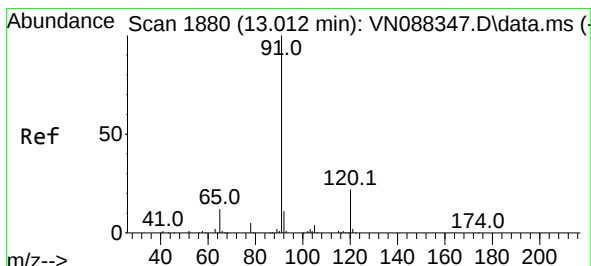
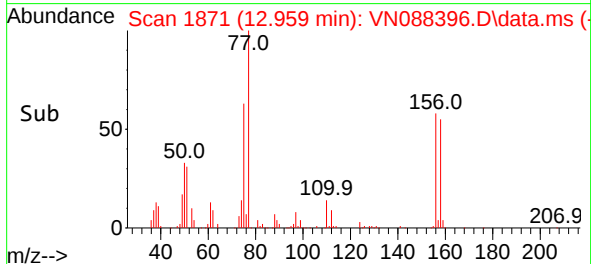
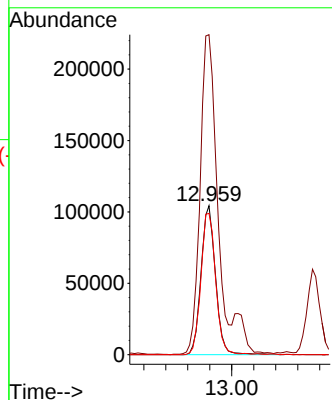
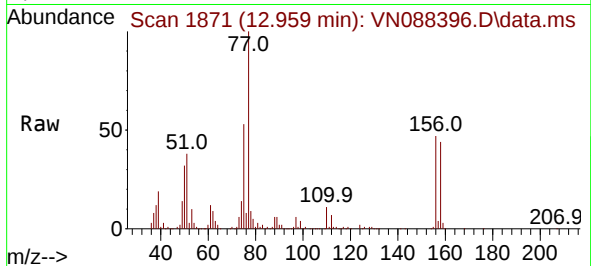




#77
Bromobenzene
Concen: 54.491 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

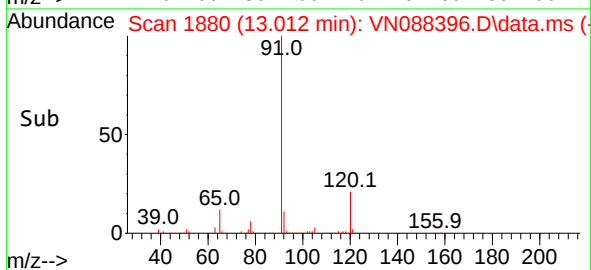
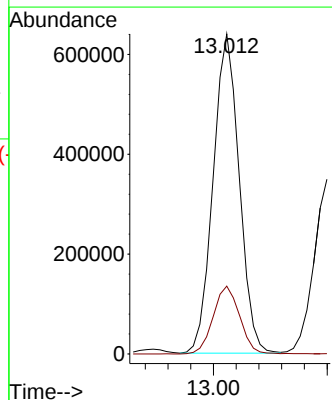
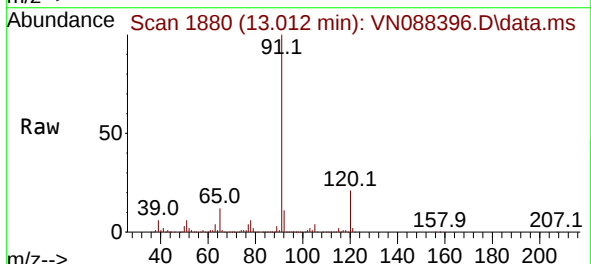
Instrument :
MSVOA_N
ClientSampleId :

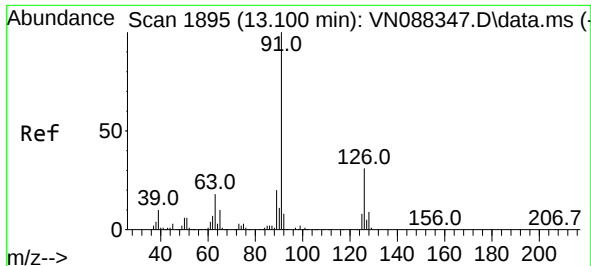
Tgt Ion:156 Resp: 190306
Ion Ratio Lower Upper
156 100
77 249.4 121.6 364.7
158 97.1 48.6 145.8



#78
n-propylbenzene
Concen: 54.462 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion: 91 Resp: 1016994
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.6

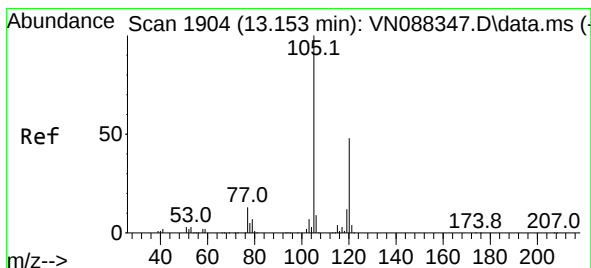
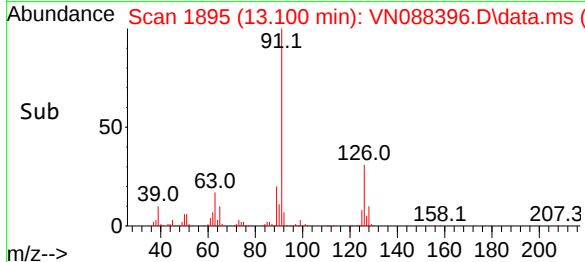
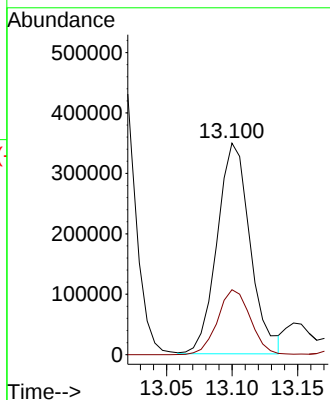
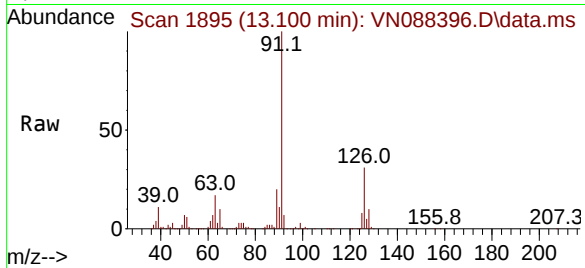




#79
2-Chlorotoluene
Concen: 53.708 ug/l
RT: 13.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

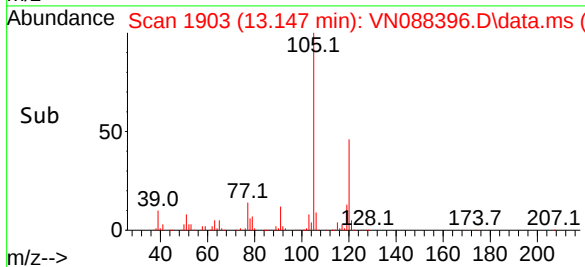
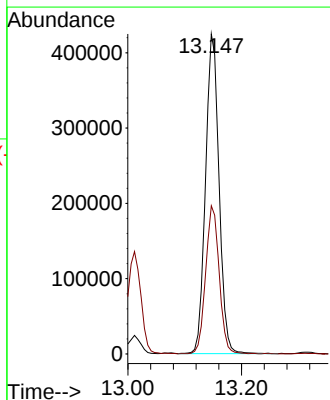
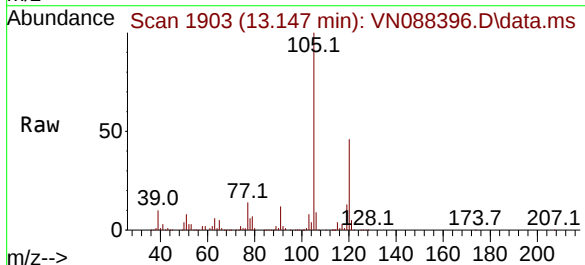
Instrument :
MSVOA_N
ClientSampleId :

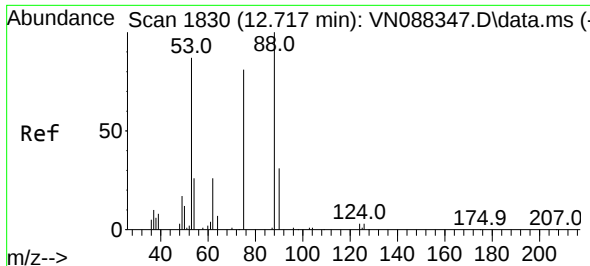
Tgt Ion: 91 Resp: 612443
Ion Ratio Lower Upper
91 100
126 30.6 15.3 45.9



#80
1,3,5-Trimethylbenzene
Concen: 55.108 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion:105 Resp: 697012
Ion Ratio Lower Upper
105 100
120 46.5 23.8 71.5

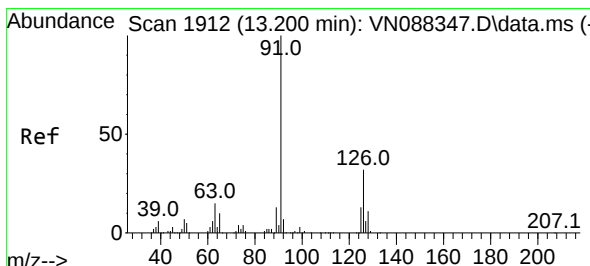
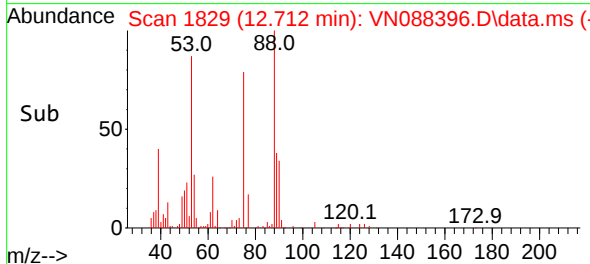
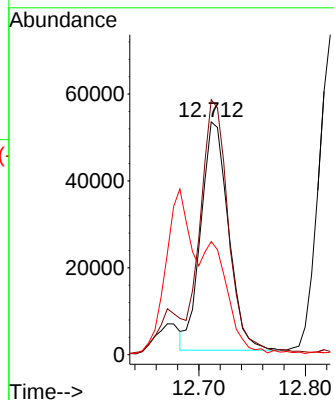
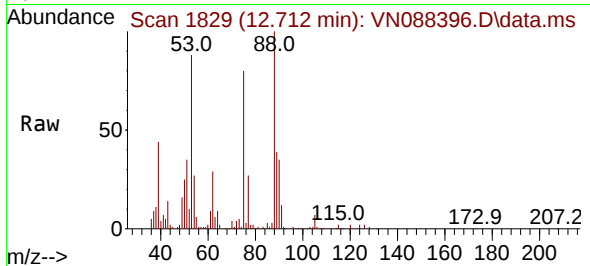




#81
trans-1,4-Dichloro-2-butene
Concen: 55.667 ug/l
RT: 12.712 min Scan# 1830
Delta R.T. -0.006 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

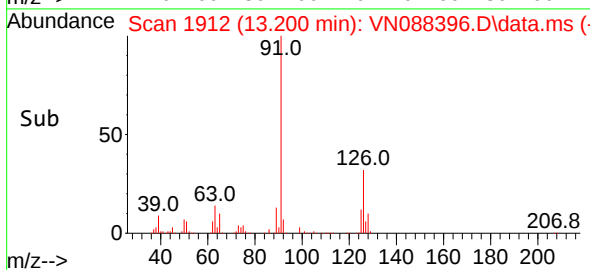
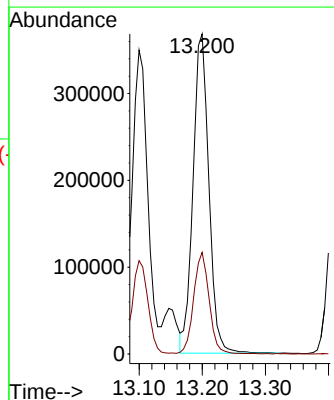
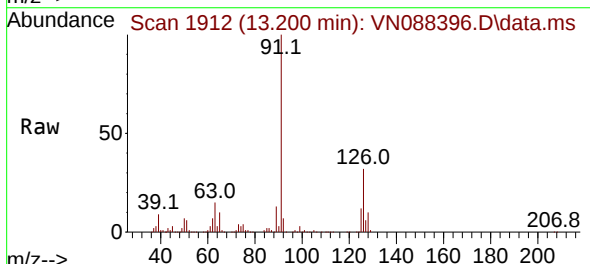
Instrument :
MSVOA_N
ClientSampleId :

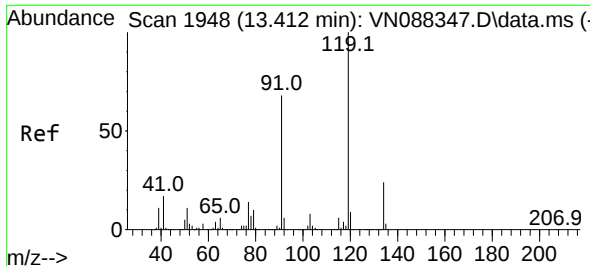
Tgt Ion: 75 Resp: 94876
Ion Ratio Lower Upper
75 100
53 110.9 92.2 138.4
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 56.512 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion: 91 Resp: 640056
Ion Ratio Lower Upper
91 100
126 30.8 15.6 46.7

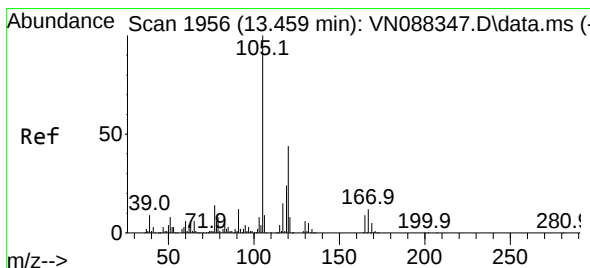
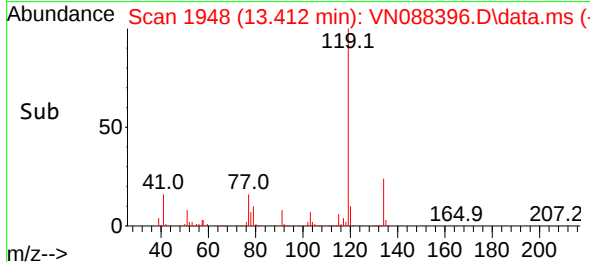
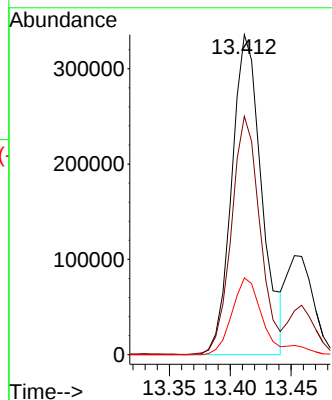
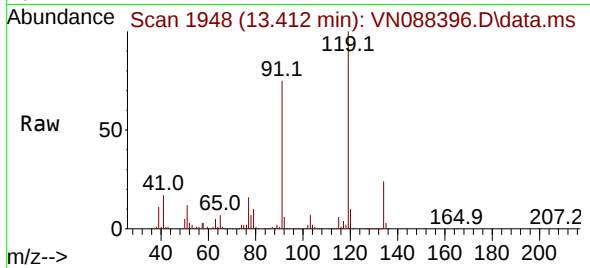




#83
tert-Butylbenzene
Concen: 53.542 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

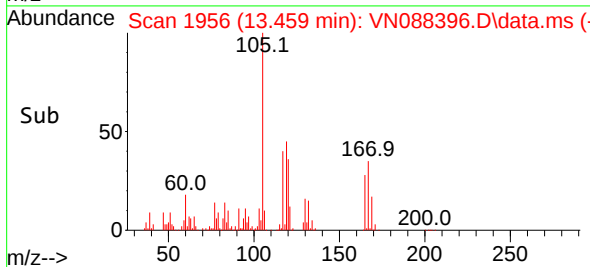
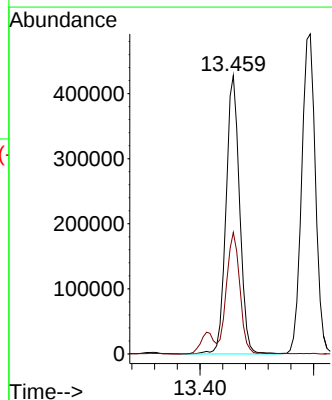
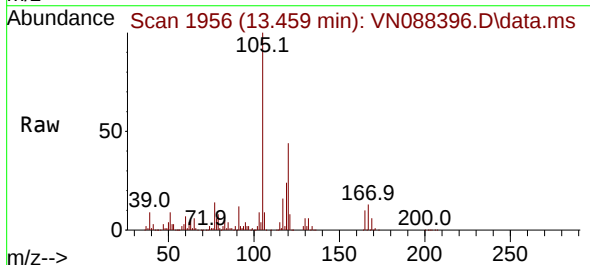
Instrument :
MSVOA_N
ClientSampleId :

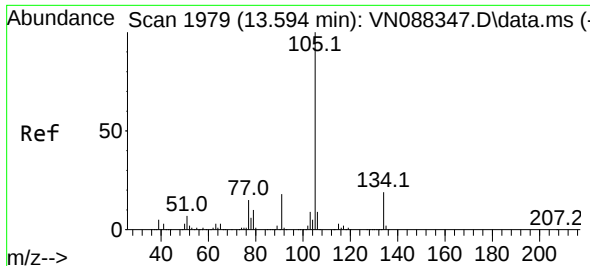
Tgt Ion:119 Resp: 575684
Ion Ratio Lower Upper
119 100
91 71.0 35.1 105.3
134 25.5 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 56.739 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion:105 Resp: 713305
Ion Ratio Lower Upper
105 100
120 42.9 22.1 66.1

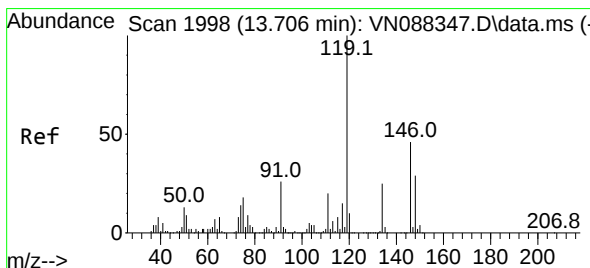
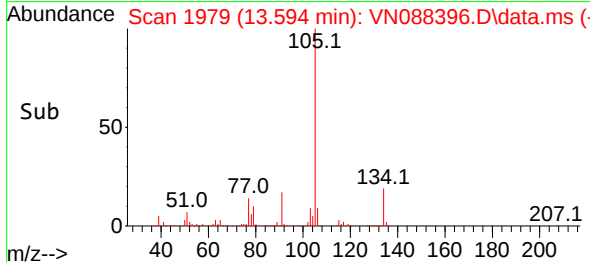
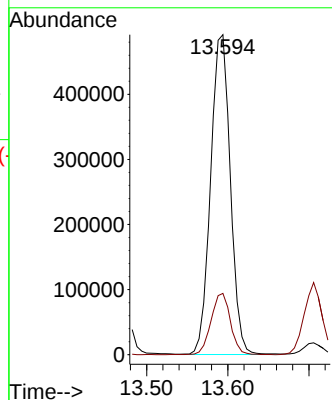
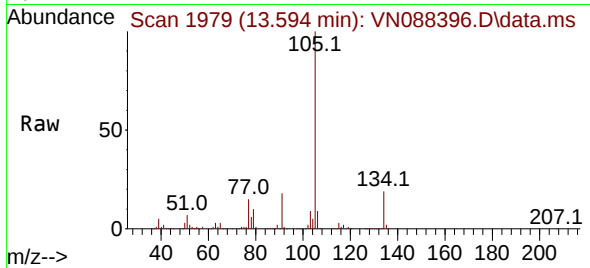




#85
 sec-Butylbenzene
 Concen: 53.615 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088396.D
 Acq: 02 Dec 2025 10:00

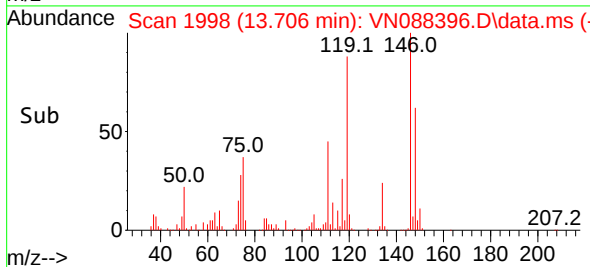
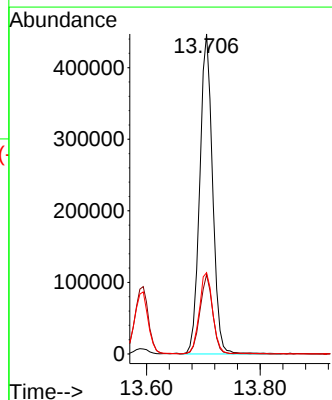
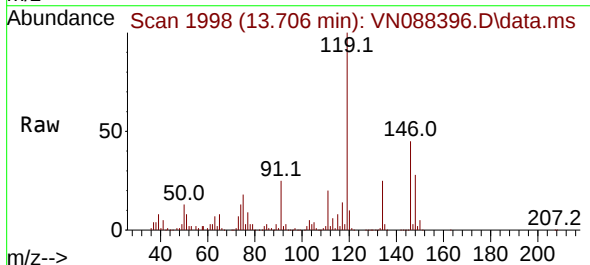
Instrument :
 MSVOA_N
 ClientSampleId :

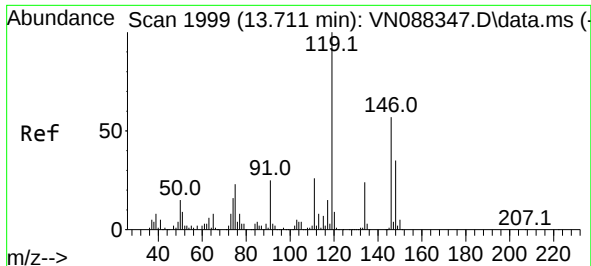
Tgt Ion:105 Resp: 828143
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 55.372 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088396.D
 Acq: 02 Dec 2025 10:00

Tgt Ion:119 Resp: 701349
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.2 36.6
 91 26.2 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 53.199 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

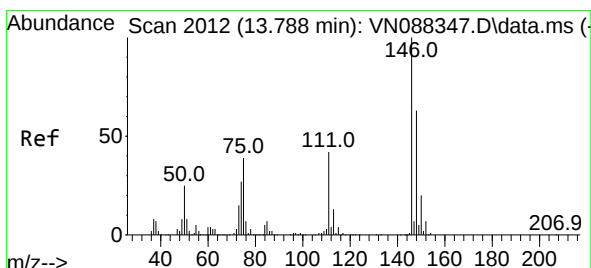
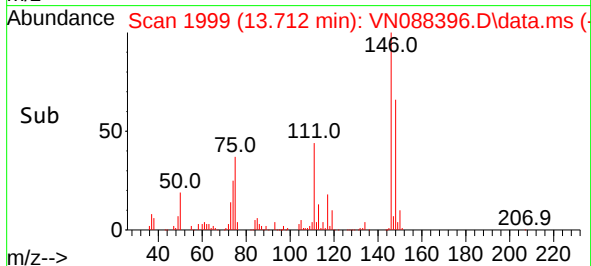
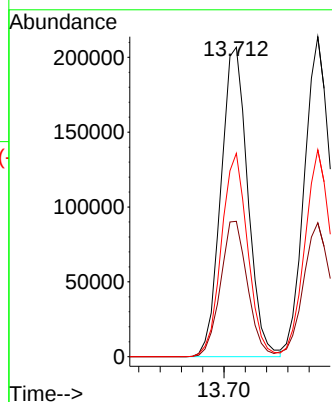
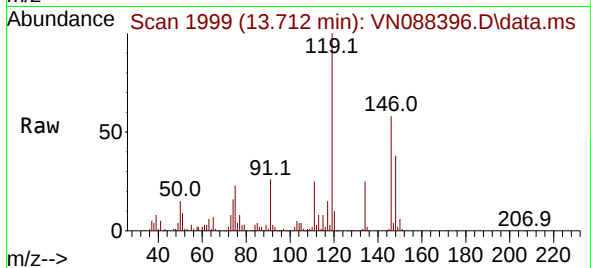
Tgt Ion:146 Resp: 361671

Ion Ratio Lower Upper

146 100

111 43.9 22.4 67.0

148 64.3 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 52.169 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

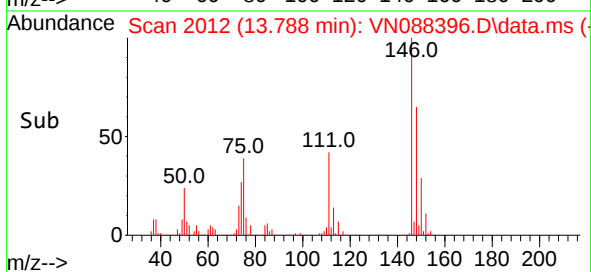
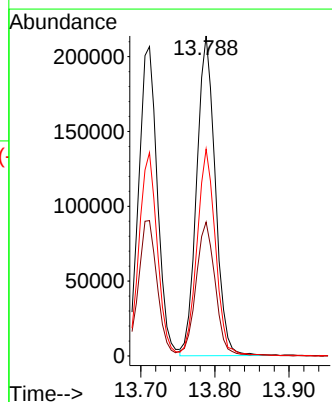
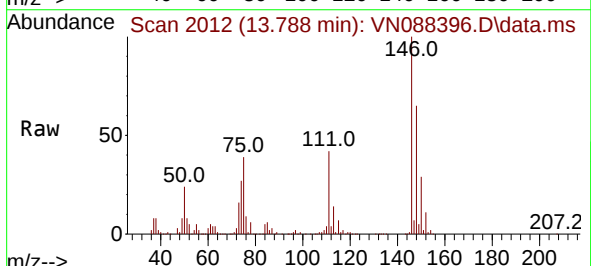
Tgt Ion:146 Resp: 371515

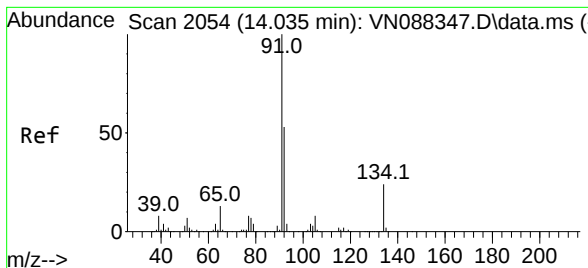
Ion Ratio Lower Upper

146 100

111 43.8 21.6 64.6

148 64.2 31.0 93.0





#89

n-Butylbenzene

Concen: 53.581 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.006 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

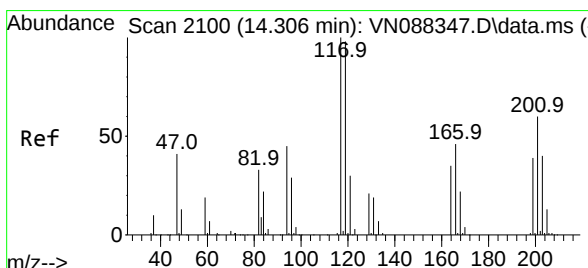
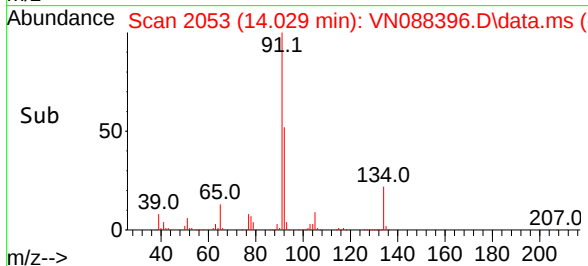
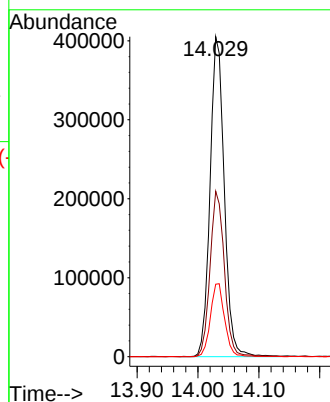
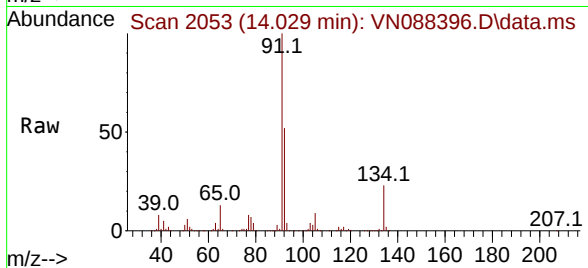
Tgt Ion: 91 Resp: 658940

Ion Ratio Lower Upper

91 100

92 52.0 26.1 78.3

134 22.9 11.7 35.1



#90

Hexachloroethane

Concen: 54.735 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. 0.000 min

Lab File: VN088396.D

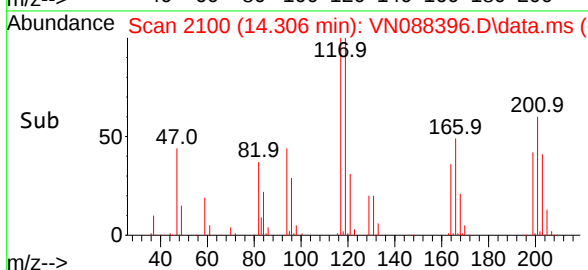
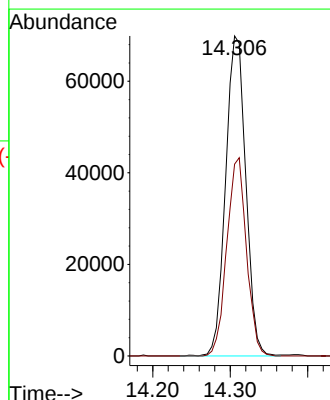
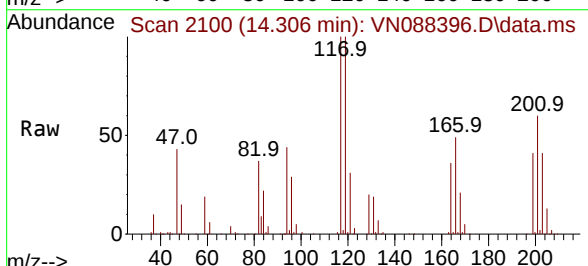
Acq: 02 Dec 2025 10:00

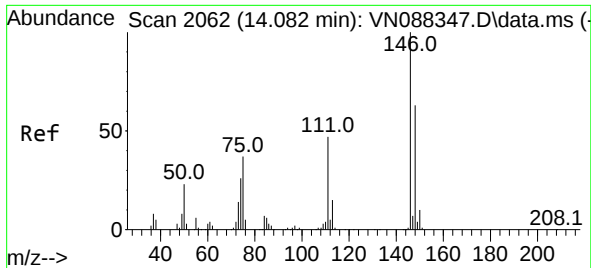
Tgt Ion:117 Resp: 126648

Ion Ratio Lower Upper

117 100

201 60.5 30.3 90.9

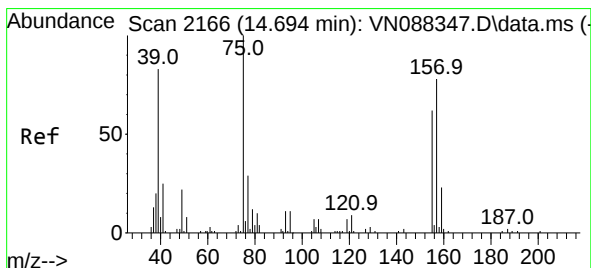
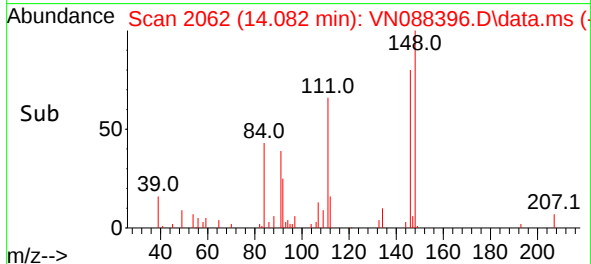
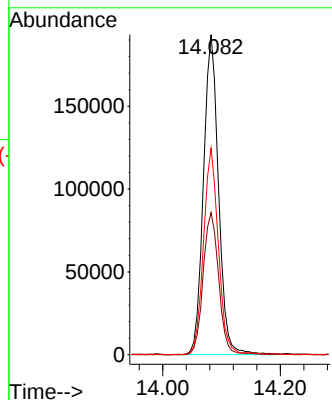
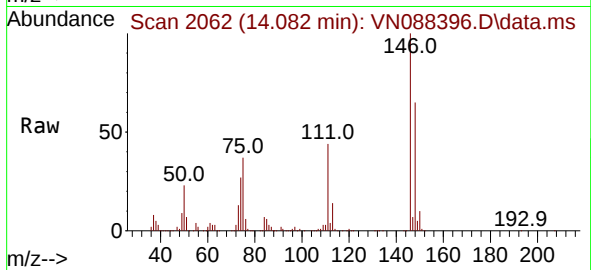




#91
1,2-Dichlorobenzene
Concen: 53.685 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

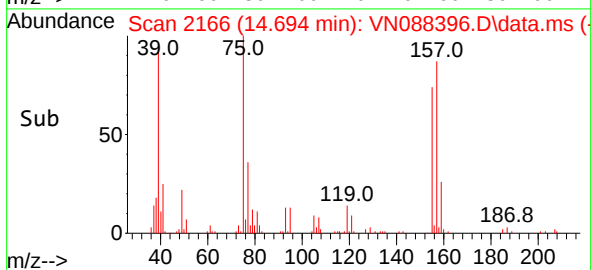
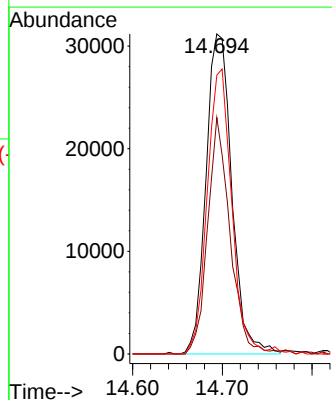
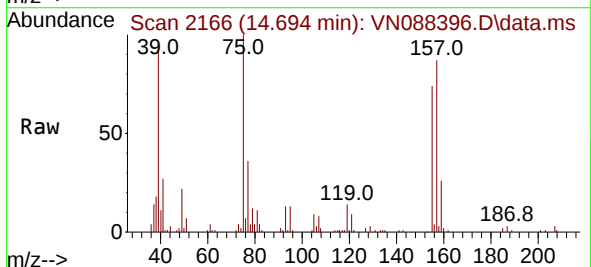
Instrument :
MSVOA_N
ClientSampleId :

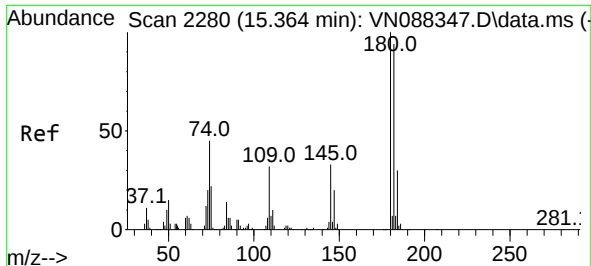
Tgt Ion:146 Resp: 343460
Ion Ratio Lower Upper
146 100
111 45.9 23.3 69.9
148 63.8 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.162 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

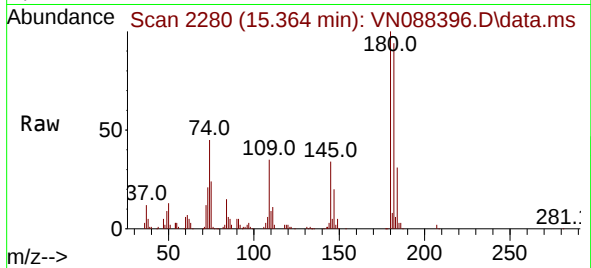
Tgt Ion: 75 Resp: 62450
Ion Ratio Lower Upper
75 100
155 64.3 33.7 101.1
157 84.1 43.8 131.3



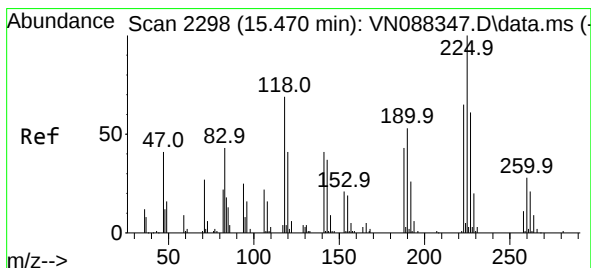
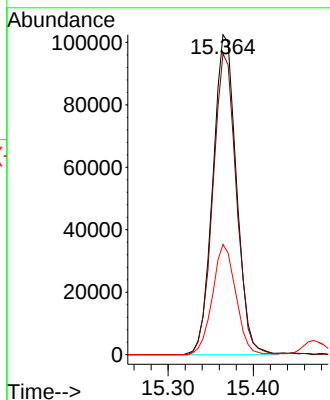
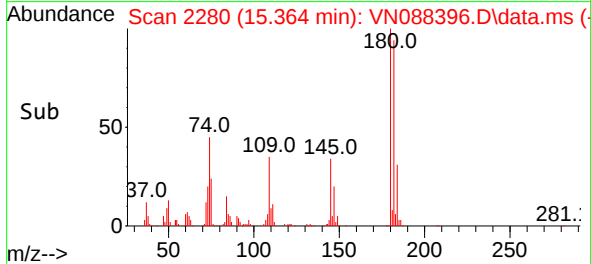


#93
1,2,4-Trichlorobenzene
Concen: 51.780 ug/l
RT: 15.364 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Instrument :
MSVOA_N
ClientSampleId :

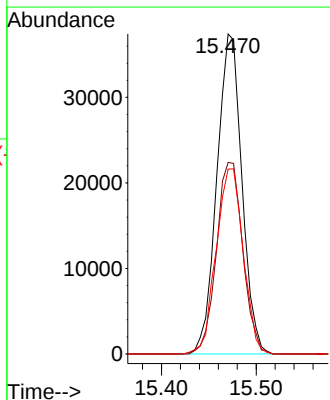
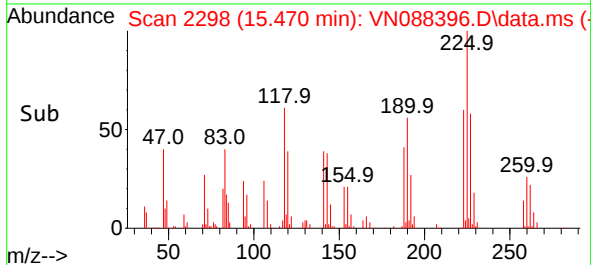
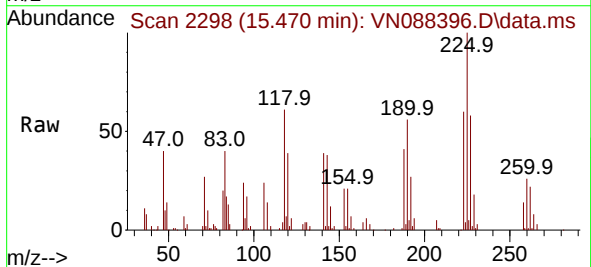


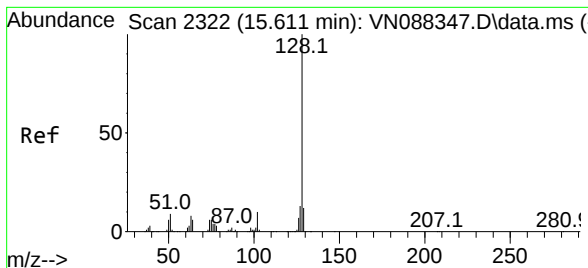
Tgt Ion:180 Resp: 196829
Ion Ratio Lower Upper
180 100
182 93.8 46.1 138.2
145 34.3 16.7 50.1



#94
Hexachlorobutadiene
Concen: 50.390 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN088396.D
Acq: 02 Dec 2025 10:00

Tgt Ion:225 Resp: 68831
Ion Ratio Lower Upper
225 100
223 62.7 32.3 96.8
227 62.4 29.9 89.8





#95

Naphthalene

Concen: 53.375 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Instrument :

MSVOA_N

ClientSampleId :

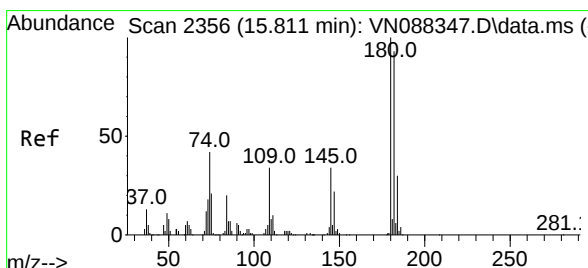
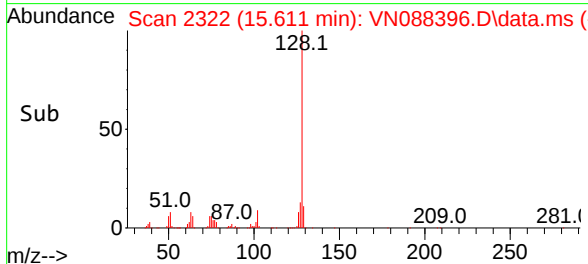
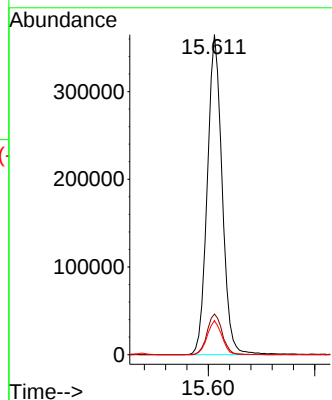
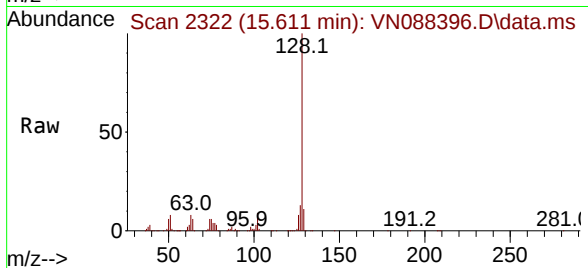
Tgt Ion:128 Resp: 703067

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.6 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 51.264 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN088396.D

Acq: 02 Dec 2025 10:00

Tgt Ion:180 Resp: 189649

Ion Ratio Lower Upper

180 100

182 95.4 45.9 137.7

145 35.1 17.8 53.4

