

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
 Data File : VN088102.D
 Acq On : 27 Oct 2025 10:40
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 28 01:20:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	321965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	587119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	522069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	267876	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	281974	50.647	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.300%	
35) Dibromofluoromethane	8.147	113	194920	49.418	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.840%	
50) Toluene-d8	10.547	98	728690	47.946	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.900%	
62) 4-Bromofluorobenzene	12.829	95	269801	50.267	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	192457	52.993	ug/l	99
3) Chloromethane	2.383	50	220091	51.512	ug/l	98
4) Vinyl Chloride	2.536	62	240095	51.574	ug/l	95
5) Bromomethane	2.965	94	126264	45.345	ug/l	93
6) Chloroethane	3.136	64	153869	45.875	ug/l	97
7) Trichlorofluoromethane	3.506	101	363927	49.013	ug/l	100
8) Diethyl Ether	3.959	74	133136	48.245	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	191739	50.044	ug/l	98
10) Methyl Iodide	4.583	142	184213	48.858	ug/l	98
11) Tert butyl alcohol	5.524	59	252556	263.312	ug/l	98
12) 1,1-Dichloroethene	4.336	96	188755	46.643	ug/l	95
13) Acrolein	4.177	56	340988	316.058	ug/l	100
14) Allyl chloride	5.018	41	360462	50.819	ug/l	97
15) Acrylonitrile	5.706	53	697816	267.088	ug/l	99
16) Acetone	4.424	43	692239	247.493	ug/l	98
17) Carbon Disulfide	4.706	76	605311	49.207	ug/l	100
18) Methyl Acetate	5.018	43	308316	53.843	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	781435	52.581	ug/l	97
20) Methylene Chloride	5.265	84	233190	53.510	ug/l	93
21) trans-1,2-Dichloroethene	5.777	96	218235	49.131	ug/l	97
22) Diisopropyl ether	6.659	45	803931	53.894	ug/l	98
23) Vinyl Acetate	6.594	43	3682428	274.052	ug/l	100
24) 1,1-Dichloroethane	6.553	63	440607	53.322	ug/l	99
25) 2-Butanone	7.471	43	989217	268.368	ug/l	98
26) 2,2-Dichloropropane	7.477	77	378497	50.405	ug/l	98
27) cis-1,2-Dichloroethene	7.465	96	255734	50.010	ug/l	92
28) Bromochloromethane	7.794	49	195405	50.048	ug/l	99
29) Tetrahydrofuran	7.824	42	635795	264.671	ug/l	98
30) Chloroform	7.947	83	442103	53.556	ug/l	99
31) Cyclohexane	8.241	56	403281	51.747	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	383459	52.155	ug/l	98
36) 1,1-Dichloropropene	8.353	75	313772	54.483	ug/l	99
37) Ethyl Acetate	7.547	43	387720	52.169	ug/l	97
38) Carbon Tetrachloride	8.341	117	334369	56.213	ug/l	96
39) Methylcyclohexane	9.582	83	383340	51.784	ug/l	99
40) Benzene	8.588	78	938729	53.522	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	208389	53.275	ug/l	98
42) 1,2-Dichloroethane	8.653	62	362020	58.091	ug/l	99
43) Isopropyl Acetate	8.671	43	631669	55.312	ug/l	99
44) Trichloroethene	9.335	130	211158	51.507	ug/l	99
45) 1,2-Dichloropropane	9.600	63	242214	54.702	ug/l	99
46) Dibromomethane	9.688	93	173231	54.854	ug/l	98
47) Bromodichloromethane	9.871	83	357488	56.540	ug/l	98
48) Methyl methacrylate	9.665	41	305563	57.954	ug/l	98
49) 1,4-Dioxane	9.676	88	70907	1081.292	ug/l #	93
51) 4-Methyl-2-Pentanone	10.423	43	1942375	287.502	ug/l	100
52) Toluene	10.606	92	572392	52.932	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	375796	55.844	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	388258	54.372	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	219324	53.460	ug/l	99
56) Ethyl methacrylate	10.853	69	370392	57.050	ug/l	95
57) 1,3-Dichloropropane	11.141	76	390798	54.194	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	976156	289.056	ug/l	100
59) 2-Hexanone	11.176	43	1315305	293.477	ug/l	99
60) Dibromochloromethane	11.341	129	253054	54.268	ug/l	99
61) 1,2-Dibromoethane	11.447	107	225061	53.304	ug/l	100
64) Tetrachloroethene	11.082	164	179133	52.018	ug/l	96
65) Chlorobenzene	11.870	112	609369	51.404	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.935	131	210704	54.252	ug/l	99
67) Ethyl Benzene	11.941	91	1111924	53.436	ug/l	99
68) m/p-Xylenes	12.047	106	830752	106.554	ug/l	99
69) o-Xylene	12.376	106	400758	54.223	ug/l	99
70) Styrene	12.388	104	683706	56.729	ug/l	98
71) Bromoform	12.559	173	160954	55.533	ug/l #	99
73) Isopropylbenzene	12.676	105	1071906	51.882	ug/l	99
74) N-amyl acetate	12.506	43	205180	34.984	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.917	83	333767	51.889	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	459591	75.042	ug/l	64
77) Bromobenzene	12.959	156	237552	53.320	ug/l	97
78) n-propylbenzene	13.012	91	1330747	52.780	ug/l	99
79) 2-Chlorotoluene	13.100	91	786292	54.685	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	919244	53.573	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.717	75	104371	47.538	ug/l	90
82) 4-Chlorotoluene	13.200	91	803817	51.672	ug/l	99
83) tert-Butylbenzene	13.412	119	800535	52.227	ug/l	100
84) 1,2,4-Trimethylbenzene	13.459	105	926257	53.954	ug/l	99
85) sec-Butylbenzene	13.594	105	1175420	52.195	ug/l	100
86) p-Isopropyltoluene	13.706	119	981553	54.333	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	469251	52.761	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	485747	50.850	ug/l	98
89) n-Butylbenzene	14.035	91	955257	53.382	ug/l	99
90) Hexachloroethane	14.306	117	186582	53.333	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	448834	52.353	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	82283	54.960	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	271820	52.352	ug/l	99
94) Hexachlorobutadiene	15.470	225	105206	54.412	ug/l	99
95) Naphthalene	15.611	128	919189	51.678	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	258279	51.880	ug/l	98

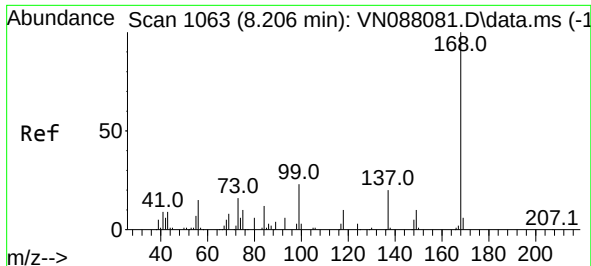
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Quant Title : SW846 8260
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Response via : Initial Calibration

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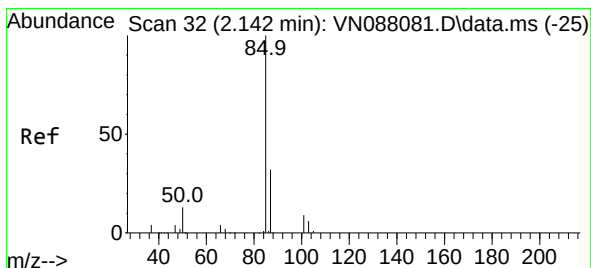
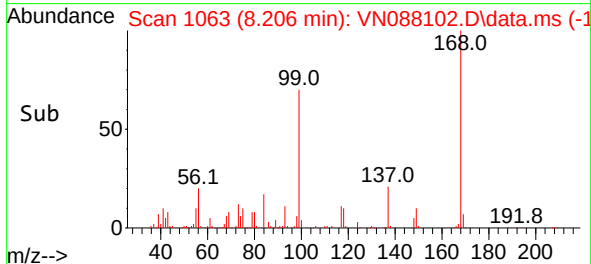
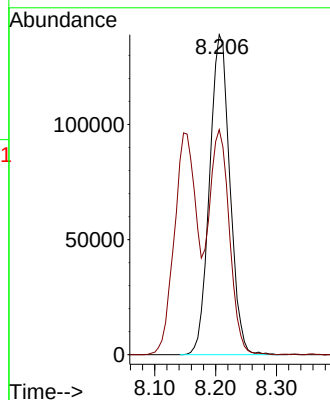
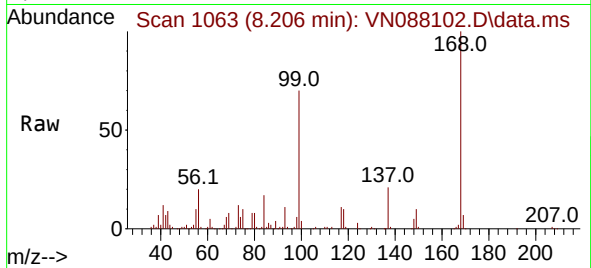
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
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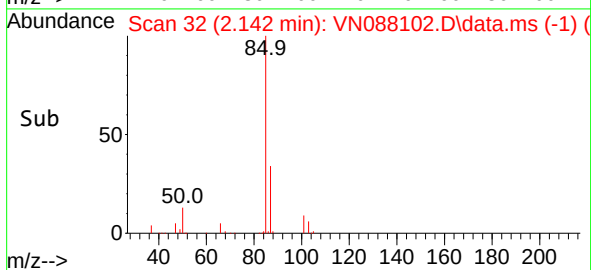
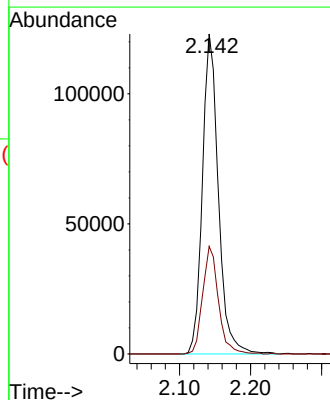
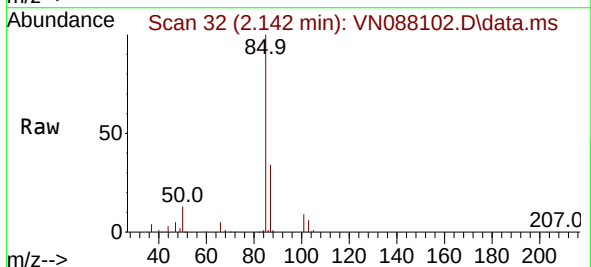
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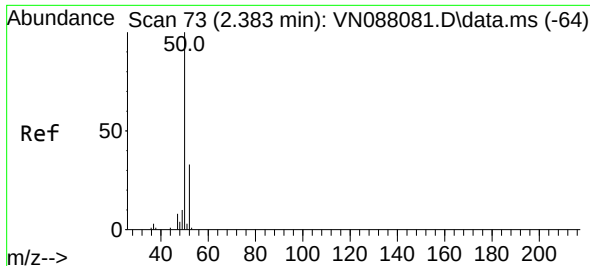
Tgt Ion:168 Resp: 321965
Ion Ratio Lower Upper
168 100
99 70.2 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 52.993 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion: 85 Resp: 192457
Ion Ratio Lower Upper
85 100
87 33.6 16.6 49.8

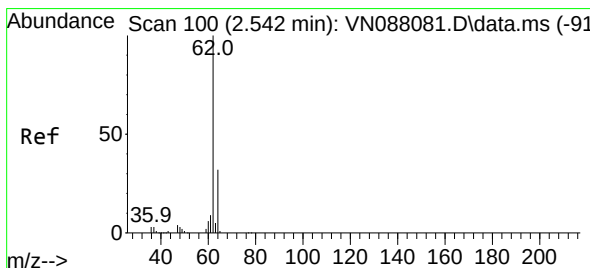
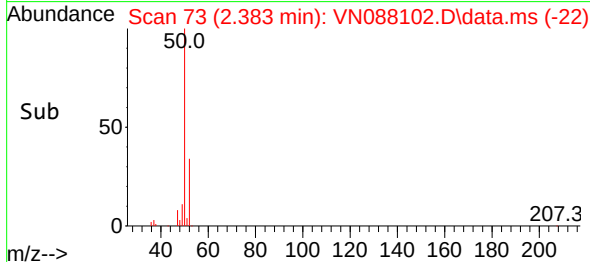
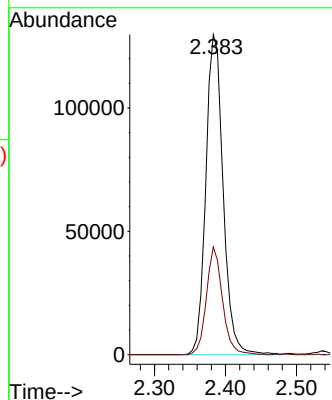
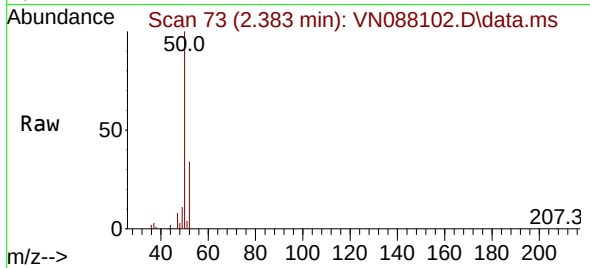




#3
Chloromethane
Concen: 51.512 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

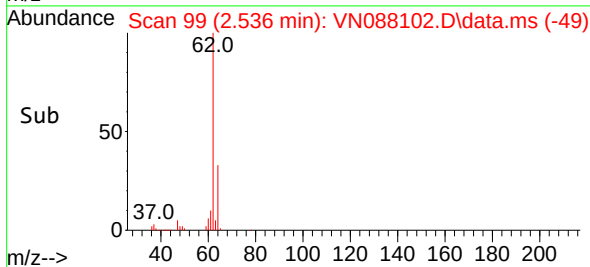
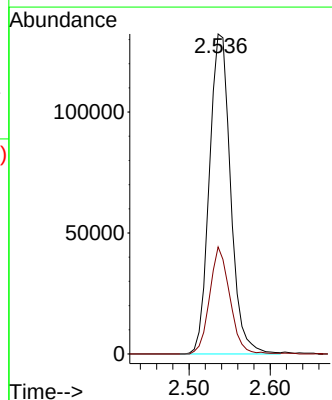
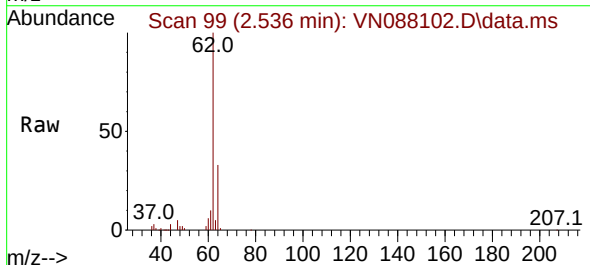
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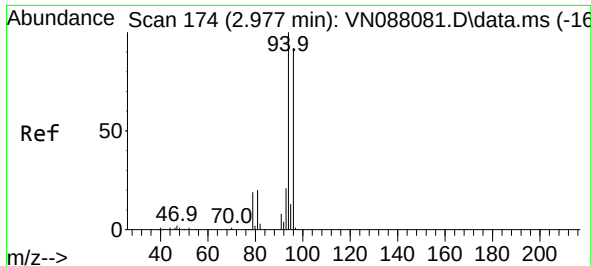
Tgt Ion: 50 Resp: 220091
Ion Ratio Lower Upper
50 100
52 33.7 26.2 39.4



#4
Vinyl Chloride
Concen: 51.574 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion: 62 Resp: 240095
Ion Ratio Lower Upper
62 100
64 33.4 24.6 37.0

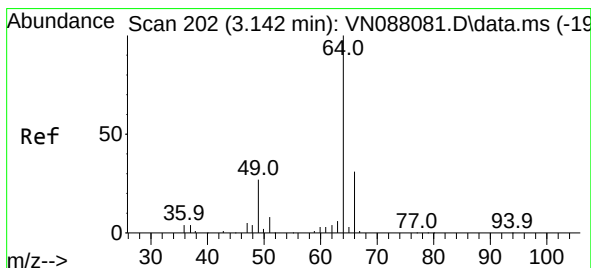
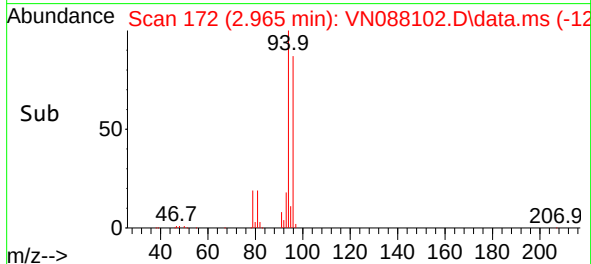
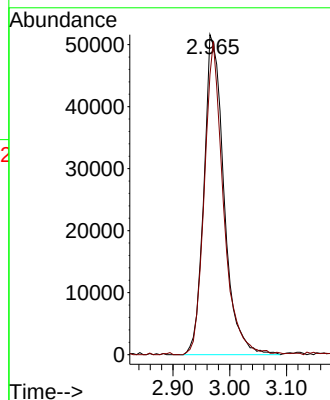
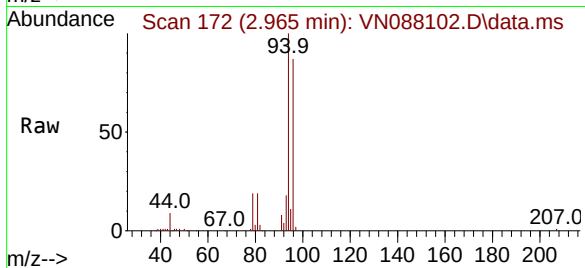




#5
Bromomethane
Concen: 45.345 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

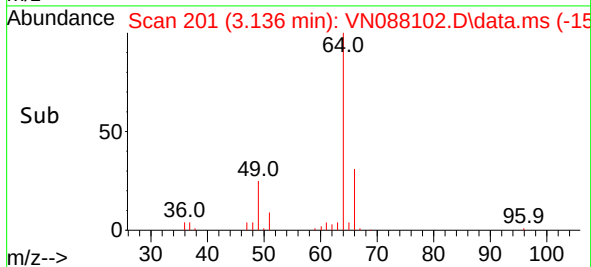
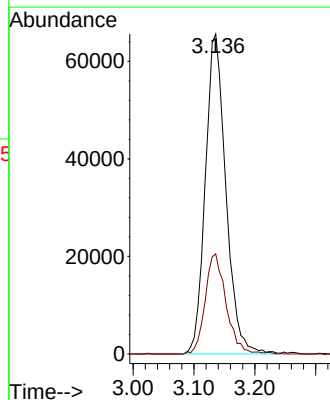
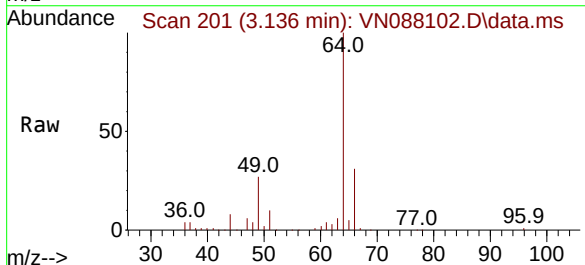
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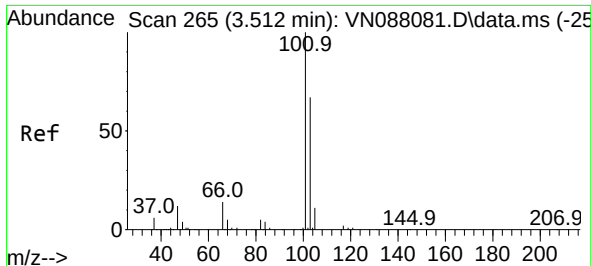
Tgt Ion: 94 Resp: 126264
Ion Ratio Lower Upper
94 100
96 87.5 75.4 113.2



#6
Chloroethane
Concen: 45.875 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion: 64 Resp: 153869
Ion Ratio Lower Upper
64 100
66 31.2 26.2 39.2

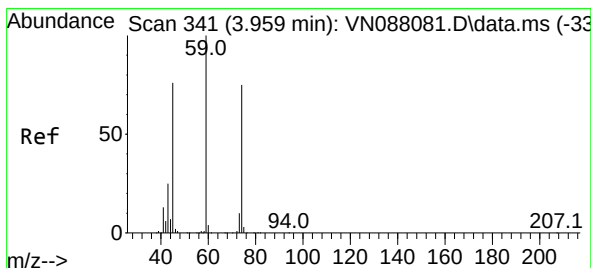
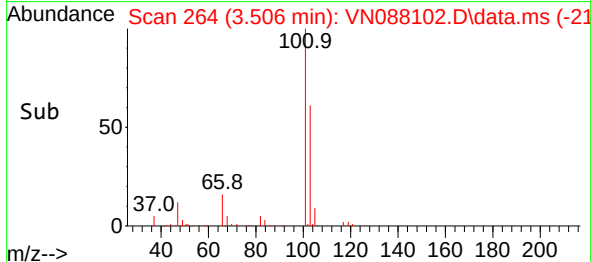
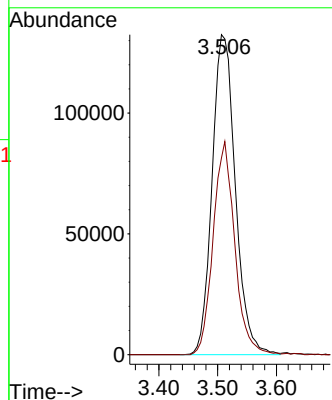
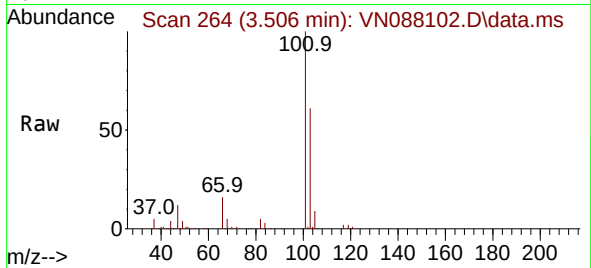




#7
 Trichlorofluoromethane
 Concen: 49.013 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. -0.006 min
 Lab File: VN088102.D
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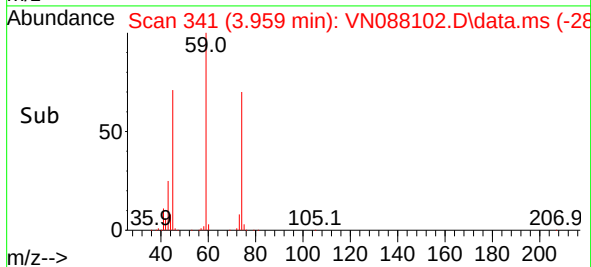
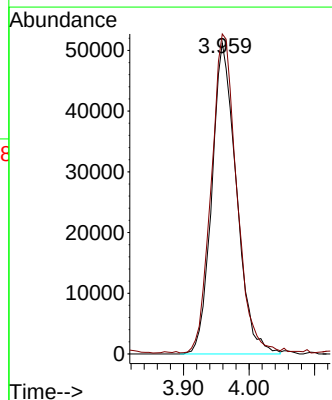
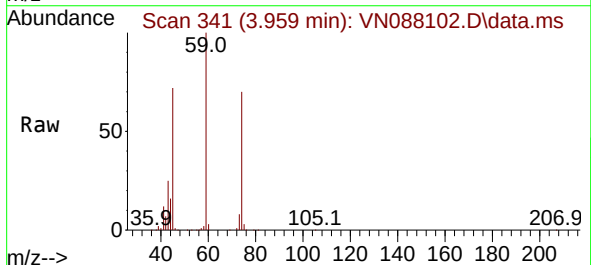
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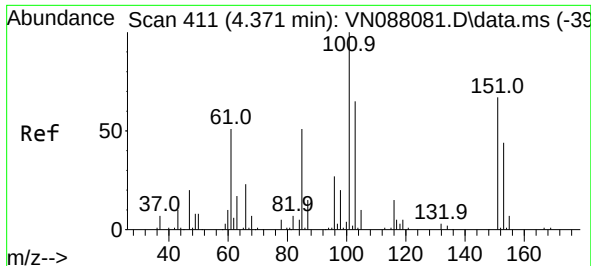
Tgt Ion:101 Resp: 363927
 Ion Ratio Lower Upper
 101 100
 103 61.5 49.4 74.0



#8
 Diethyl Ether
 Concen: 48.245 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN088102.D
 Acq: 27 Oct 2025 10:40

Tgt Ion: 74 Resp: 133136
 Ion Ratio Lower Upper
 74 100
 45 106.3 50.6 151.9

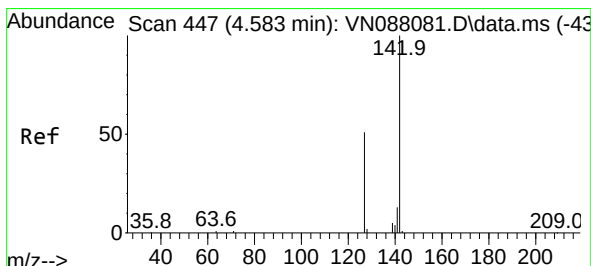
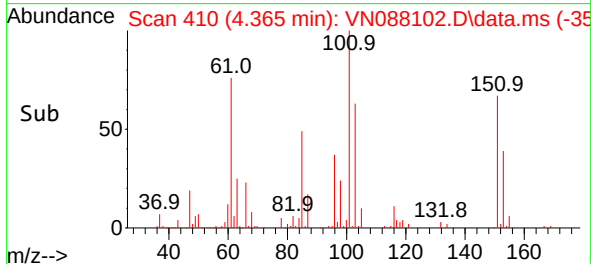
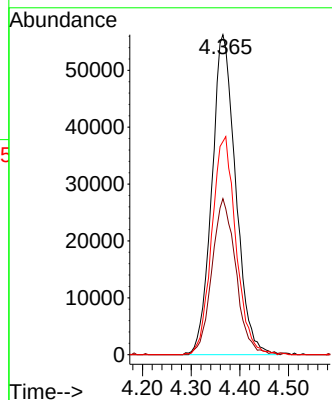
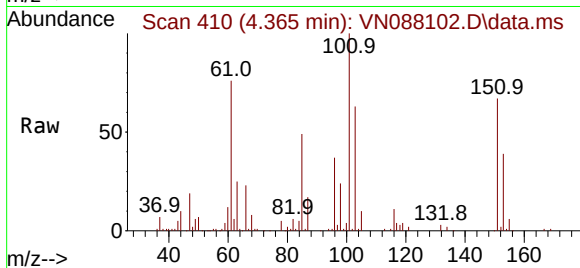




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.044 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088102.D
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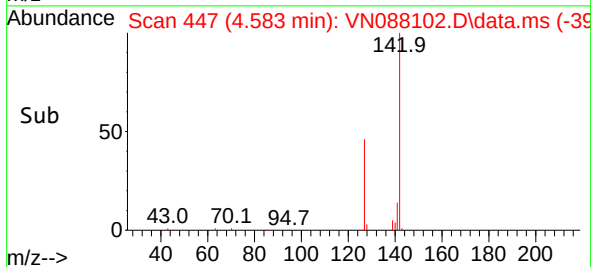
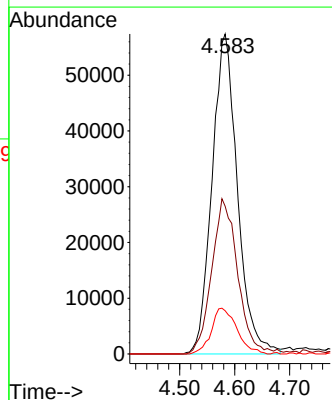
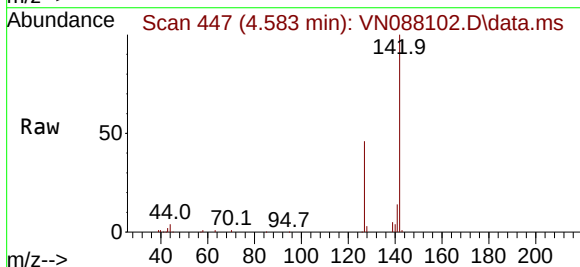
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ClientSampleId :
VSTDCCC050

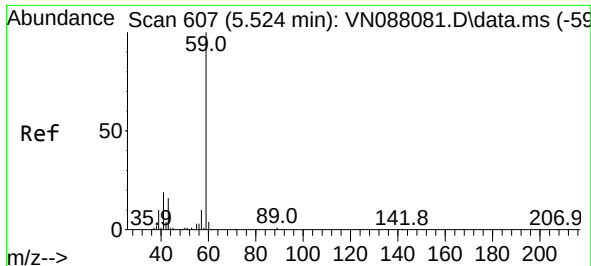
Tgt Ion:101 Resp: 191739
Ion Ratio Lower Upper
101 100
85 48.9 36.6 55.0
151 68.9 54.7 82.1



#10
Methyl Iodide
Concen: 48.858 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion:142 Resp: 184213
Ion Ratio Lower Upper
142 100
127 46.2 38.0 57.0
141 13.5 12.0 18.0

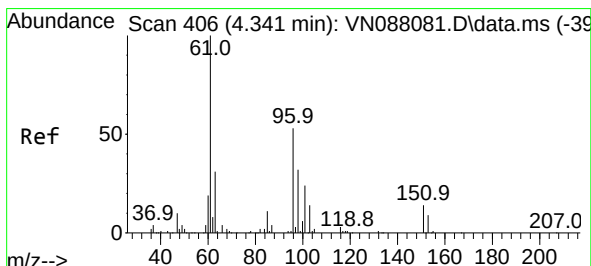
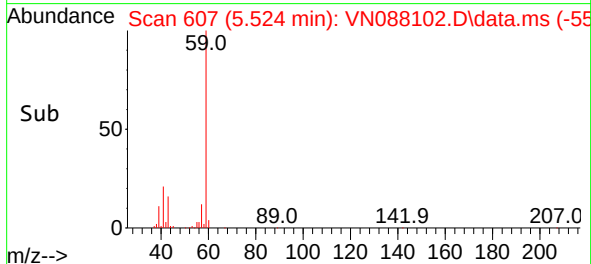
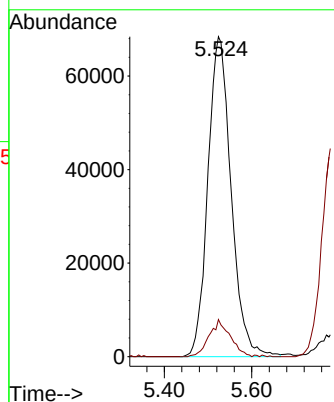
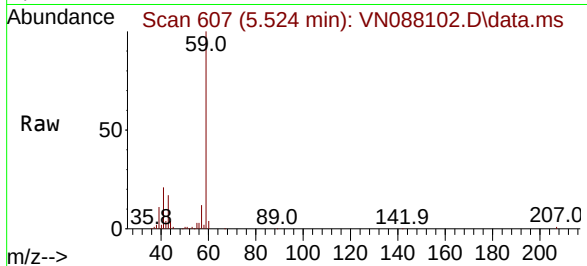




#11
Tert butyl alcohol
Concen: 263.312 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

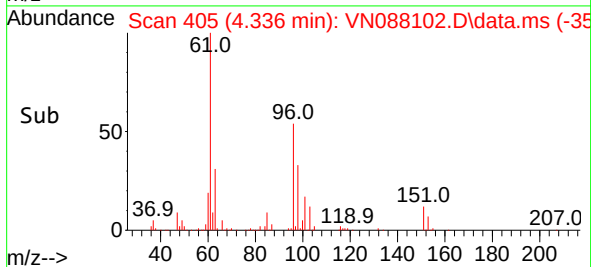
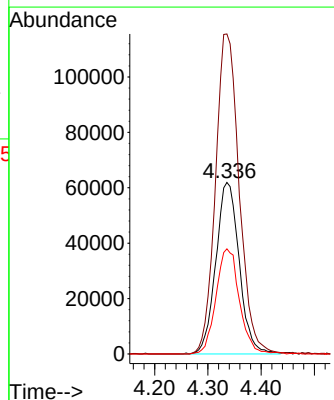
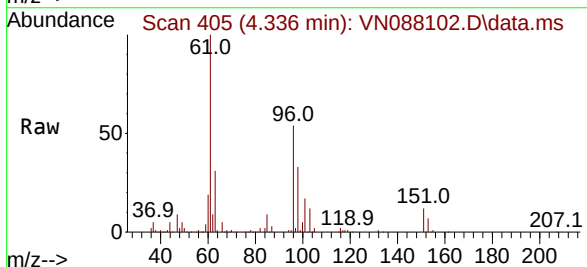
Instrument :
MSVOA_N
ClientSampleId :
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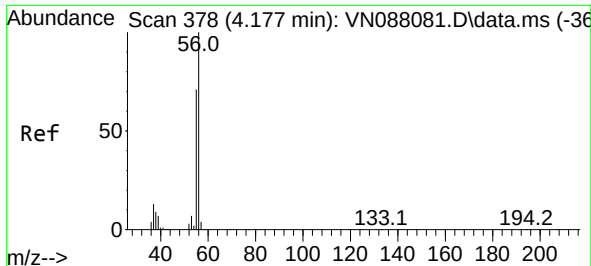
Tgt Ion: 59 Resp: 252556
Ion Ratio Lower Upper
59 100
57 10.5 9.0 13.4



#12
1,1-Dichloroethene
Concen: 46.643 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion: 96 Resp: 188755
Ion Ratio Lower Upper
96 100
61 186.6 143.8 215.8
98 61.3 52.1 78.1

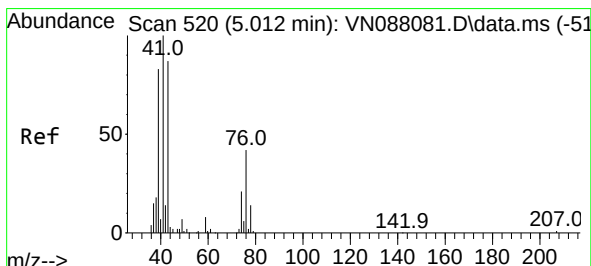
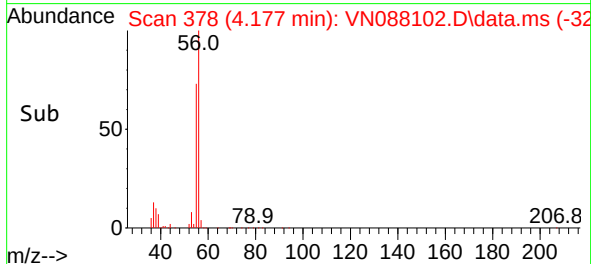
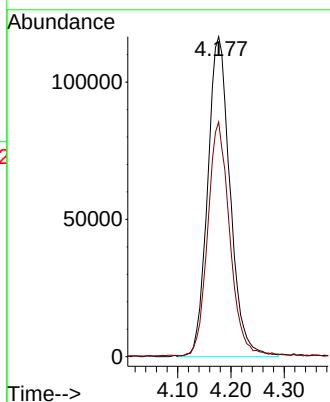
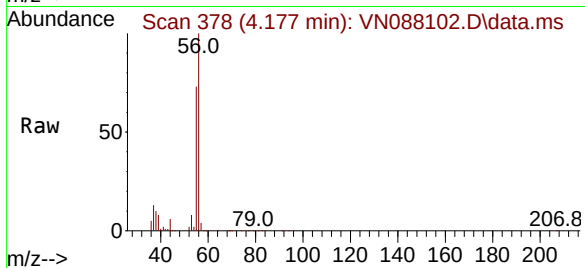




#13
Acrolein
Concen: 316.058 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

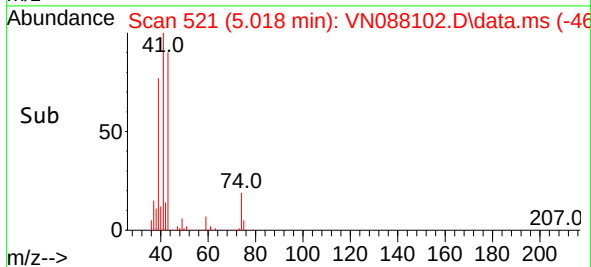
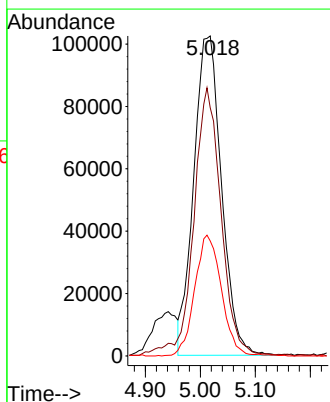
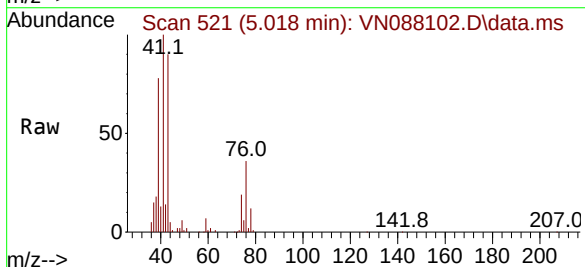
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

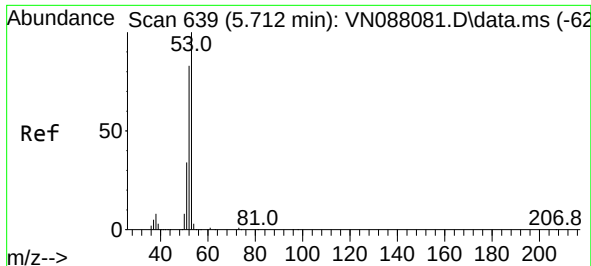
Tgt Ion: 56 Resp: 340988
Ion Ratio Lower Upper
56 100
55 71.6 57.3 85.9



#14
Allyl chloride
Concen: 50.819 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.012 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion: 41 Resp: 360462
Ion Ratio Lower Upper
41 100
39 82.6 63.9 95.9
76 36.4 28.1 42.1

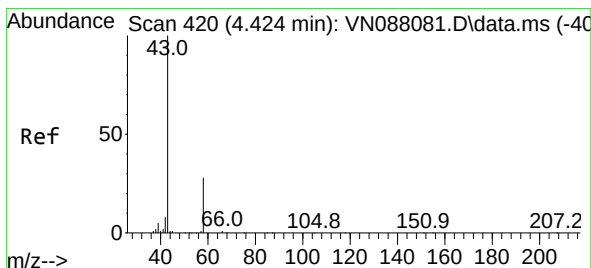
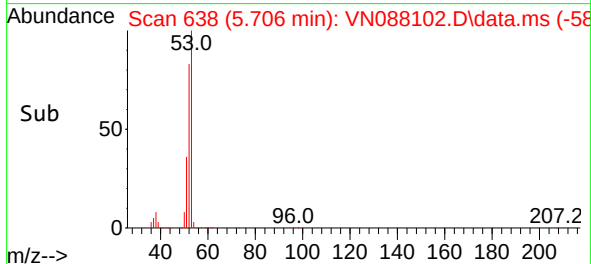
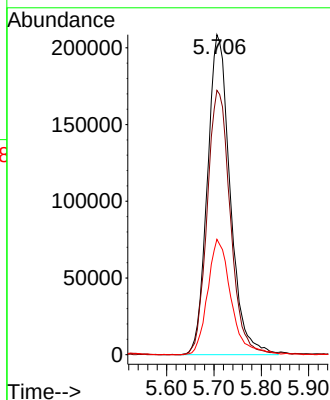
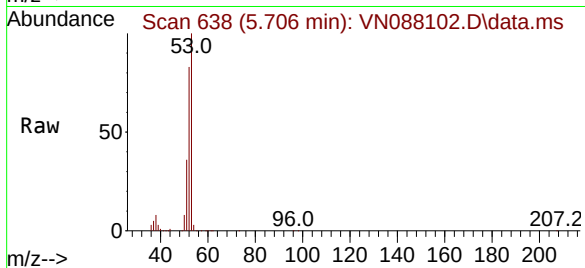




#15
Acrylonitrile
Concen: 267.088 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

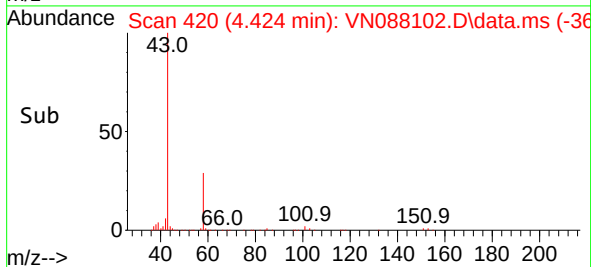
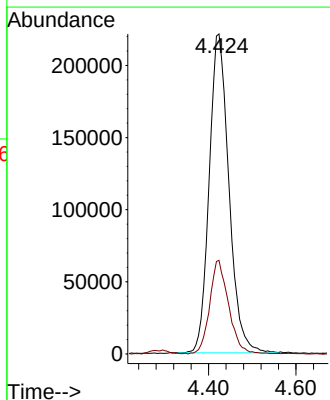
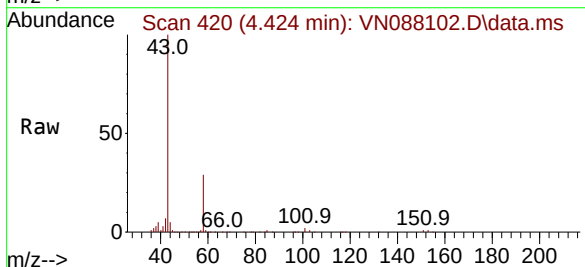
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

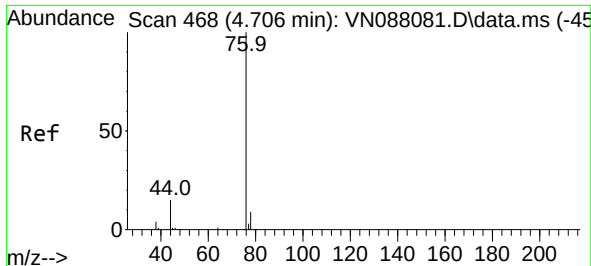
Tgt Ion: 53 Resp: 697816
Ion Ratio Lower Upper
53 100
52 83.9 67.6 101.4
51 37.0 30.1 45.1



#16
Acetone
Concen: 247.493 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion: 43 Resp: 692239
Ion Ratio Lower Upper
43 100
58 29.2 22.6 33.8

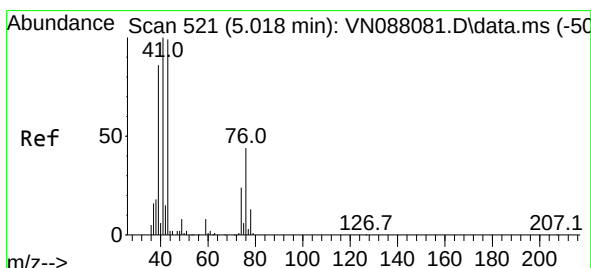
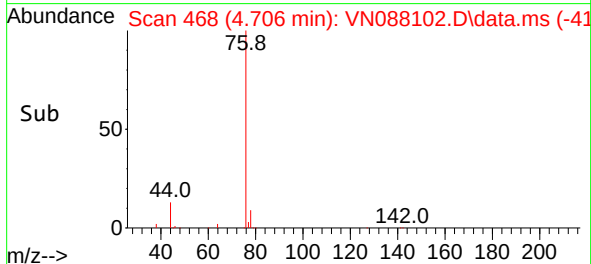
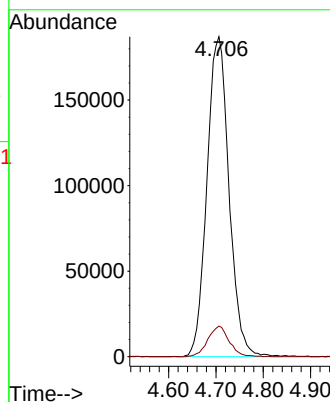
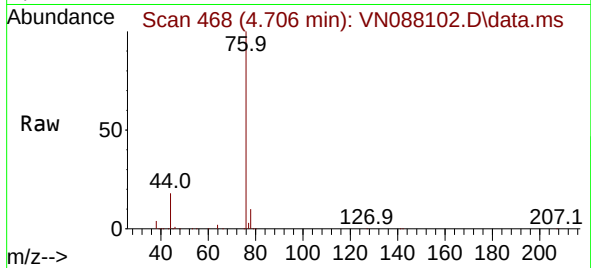




#17
Carbon Disulfide
Concen: 49.207 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

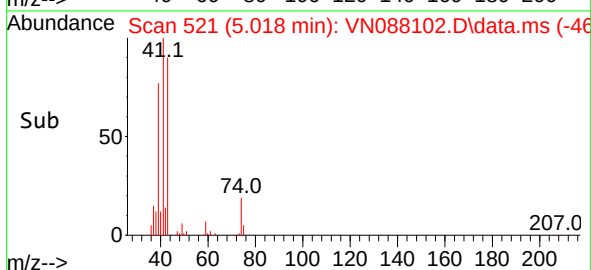
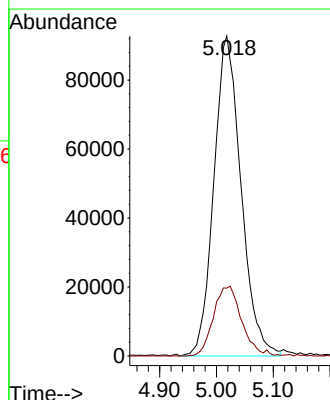
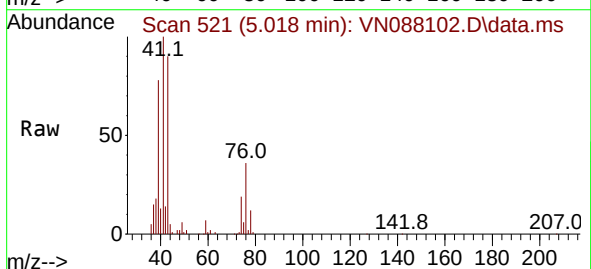
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

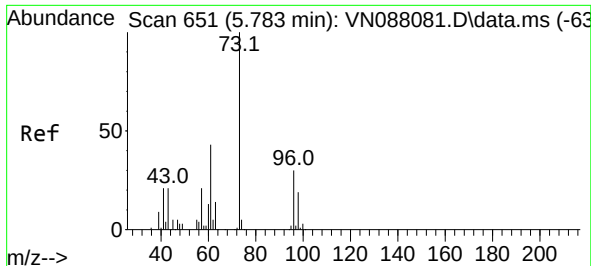
Tgt Ion: 76 Resp: 605311
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 53.843 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion: 43 Resp: 308316
Ion Ratio Lower Upper
43 100
74 22.6 17.6 26.4

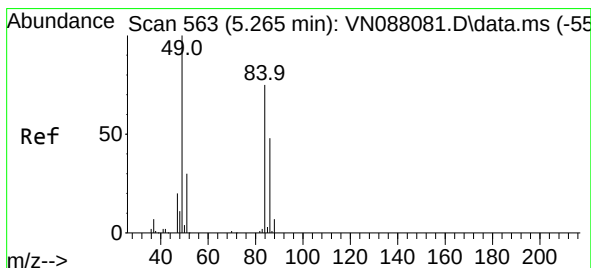
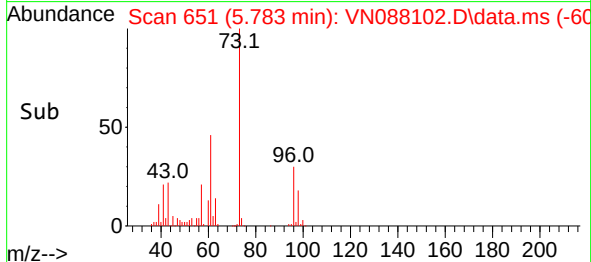
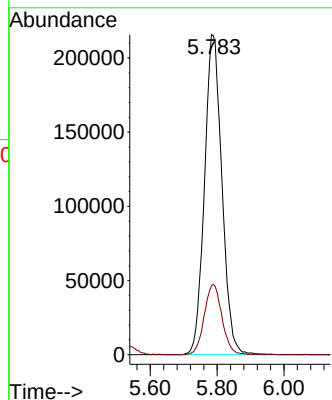
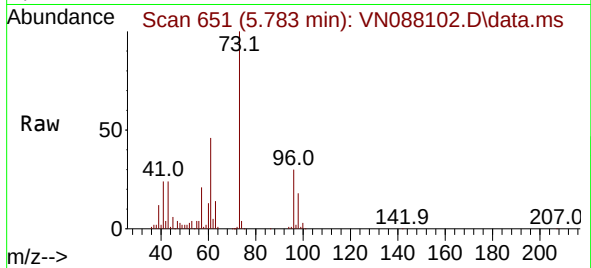




#19
Methyl tert-butyl Ether
Concen: 52.581 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

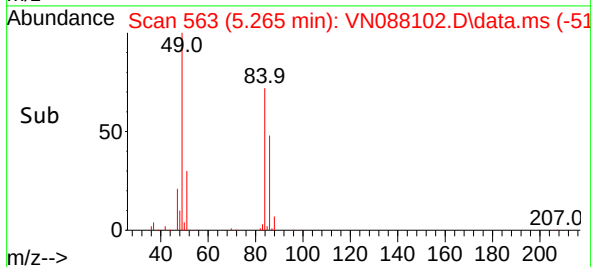
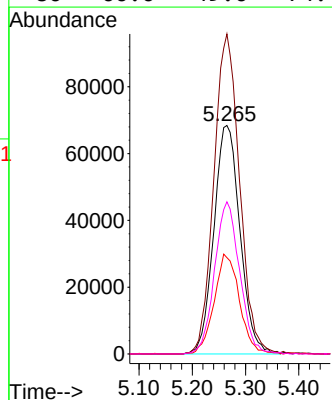
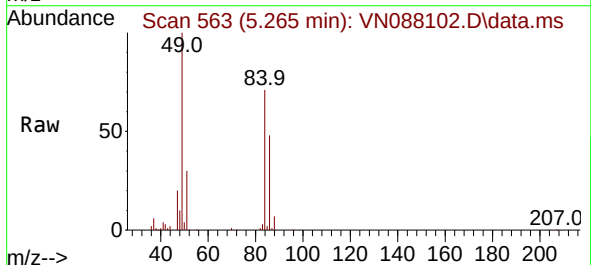
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

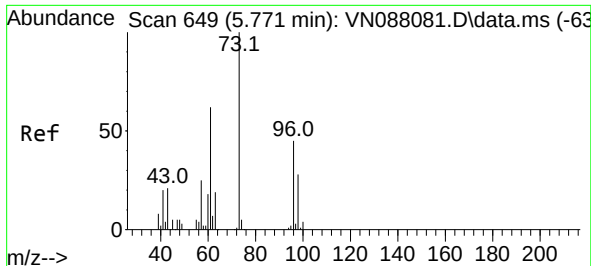
Tgt Ion: 73 Resp: 781435
Ion Ratio Lower Upper
73 100
57 21.5 18.4 27.6



#20
Methylene Chloride
Concen: 53.510 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion: 84 Resp: 233190
Ion Ratio Lower Upper
84 100
49 140.0 103.4 155.2
51 42.1 33.8 50.8
86 66.6 49.6 74.4

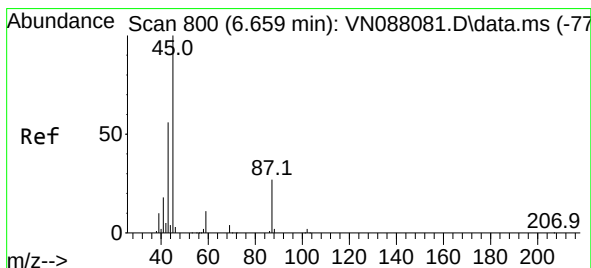
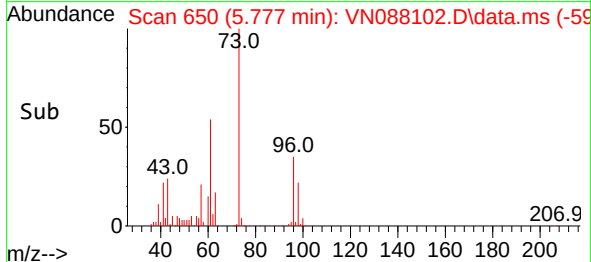
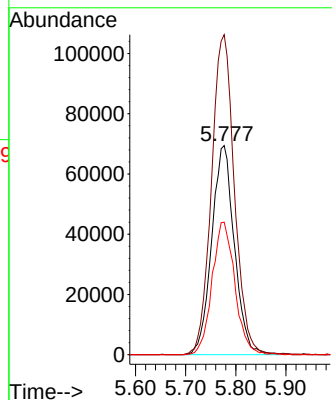
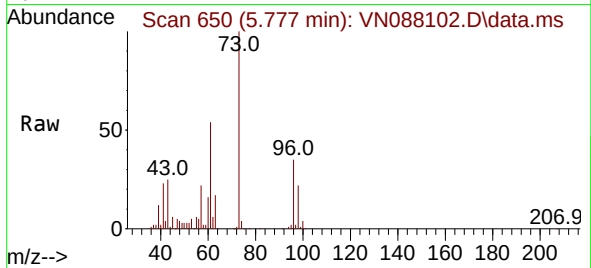




#21
trans-1,2-Dichloroethene
Concen: 49.131 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

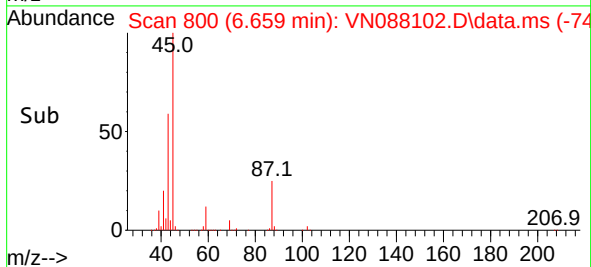
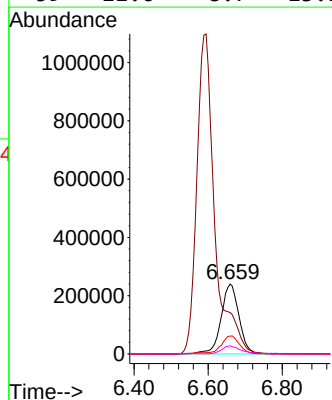
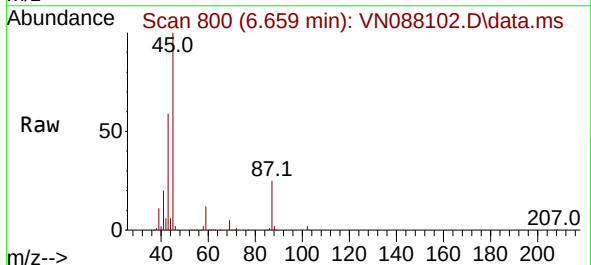
Instrument :
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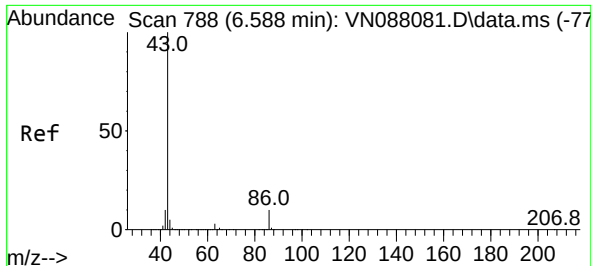
Tgt Ion: 96 Resp: 218235
Ion Ratio Lower Upper
96 100
61 153.0 118.0 177.0
98 63.3 50.0 75.0



#22
Diisopropyl ether
Concen: 53.894 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion: 45 Resp: 803931
Ion Ratio Lower Upper
45 100
43 58.7 47.7 71.5
87 25.4 21.4 32.0
59 11.6 8.7 13.1

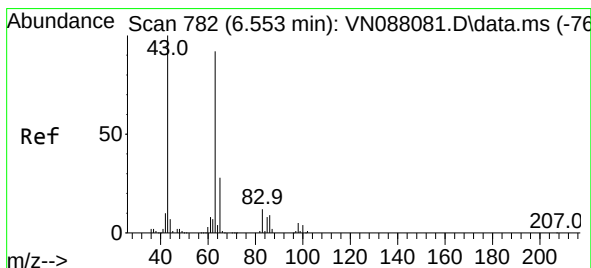
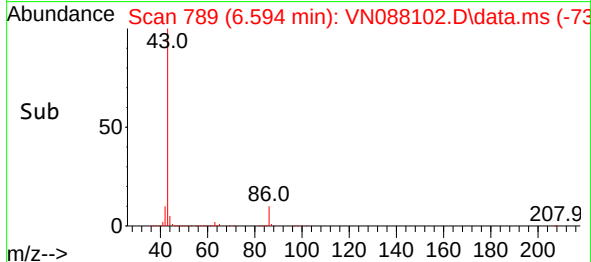
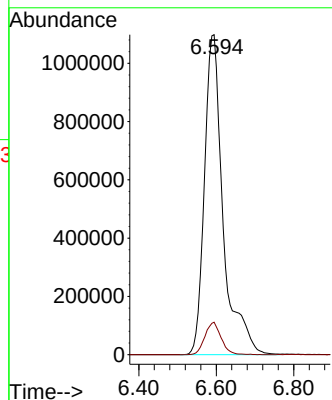
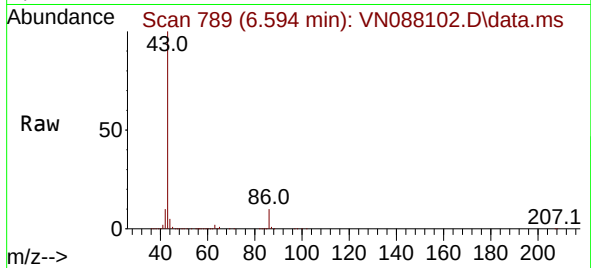




#23
 Vinyl Acetate
 Concen: 274.052 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN088102.D
 Acq: 27 Oct 2025 10:40

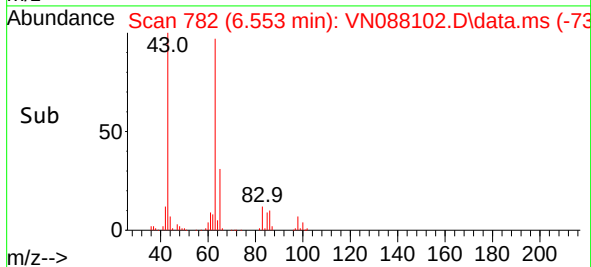
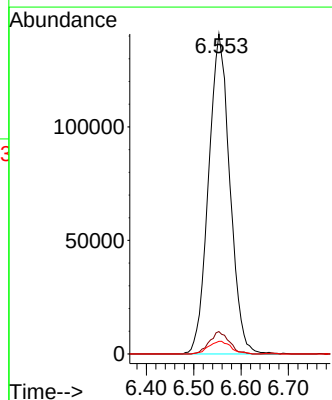
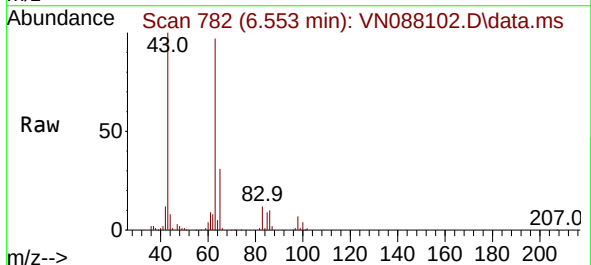
Instrument :
 MSVOA_N
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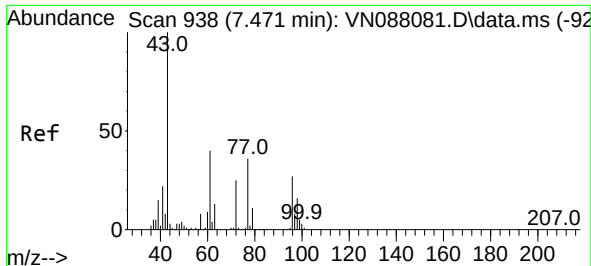
Tgt Ion: 43 Resp: 3682428
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 53.322 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088102.D
 Acq: 27 Oct 2025 10:40

Tgt Ion: 63 Resp: 440607
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.4
 100 3.9 2.0 6.0

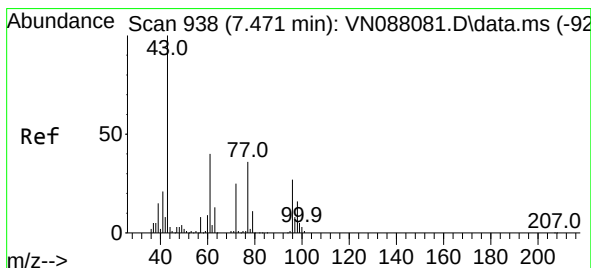
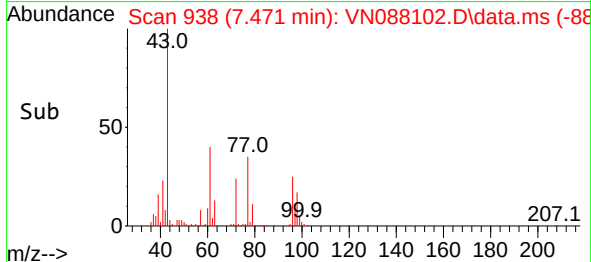
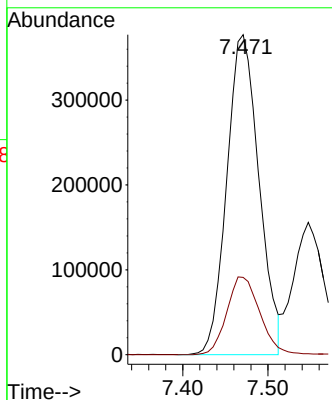
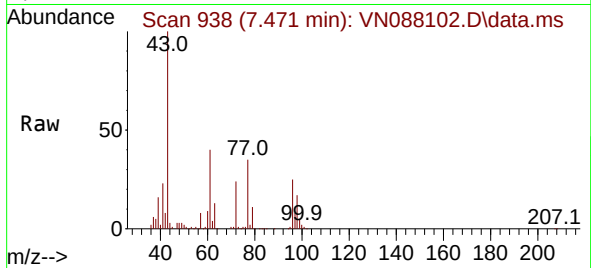




#25
2-Butanone
Concen: 268.368 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

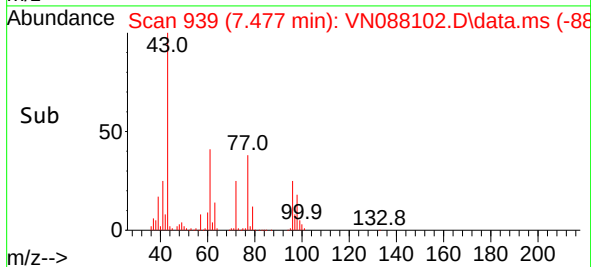
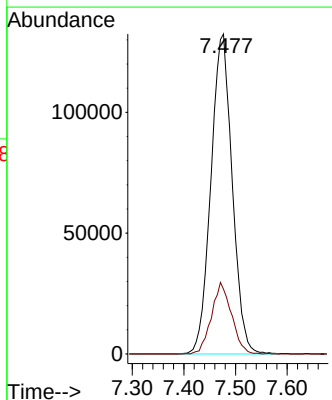
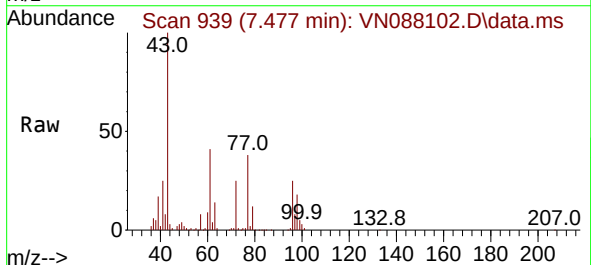
Instrument :
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ClientSampleId :
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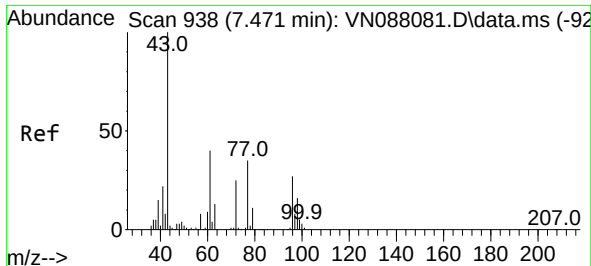
Tgt Ion: 43 Resp: 989217
Ion Ratio Lower Upper
43 100
72 24.1 19.9 29.9



#26
2,2-Dichloropropane
Concen: 50.405 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion: 77 Resp: 378497
Ion Ratio Lower Upper
77 100
97 21.1 10.9 32.7

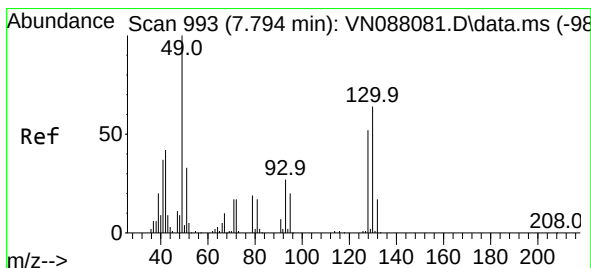
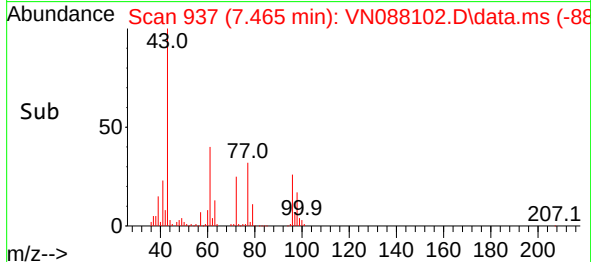
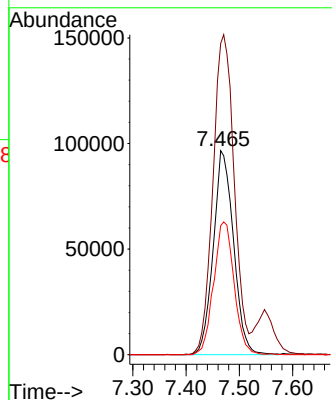
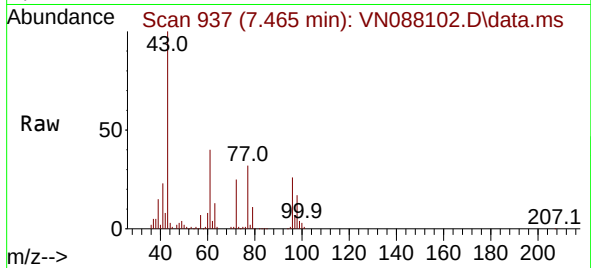




#27
 cis-1,2-Dichloroethene
 Concen: 50.010 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN088102.D
 Acq: 27 Oct 2025 10:40

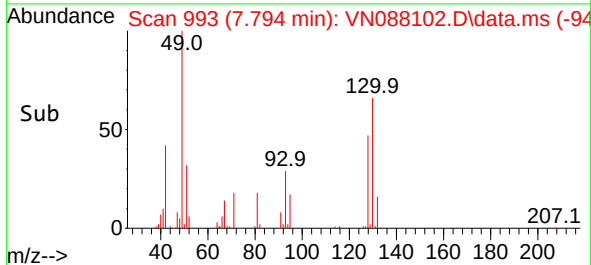
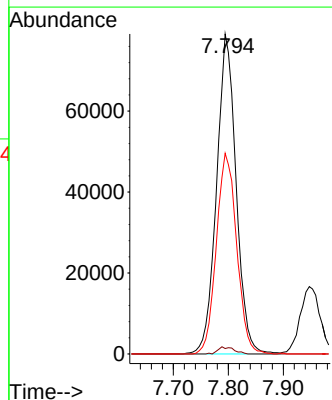
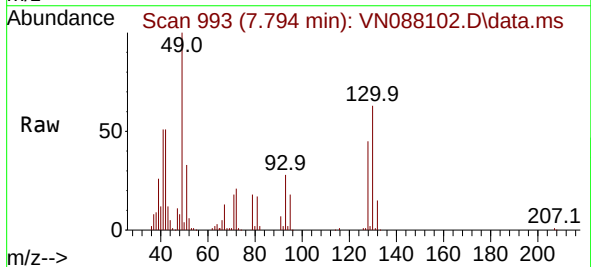
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

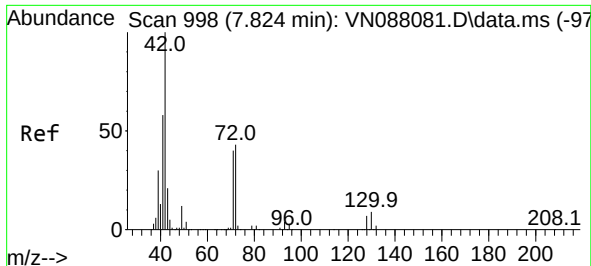
Tgt Ion: 96 Resp: 255734
 Ion Ratio Lower Upper
 96 100
 61 163.4 0.0 301.8
 98 65.7 0.0 126.2



#28
 Bromochloromethane
 Concen: 50.048 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088102.D
 Acq: 27 Oct 2025 10:40

Tgt Ion: 49 Resp: 195405
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.0
 130 65.3 53.1 79.7





#29

Tetrahydrofuran

Concen: 264.671 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN088102.D

Acq: 27 Oct 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

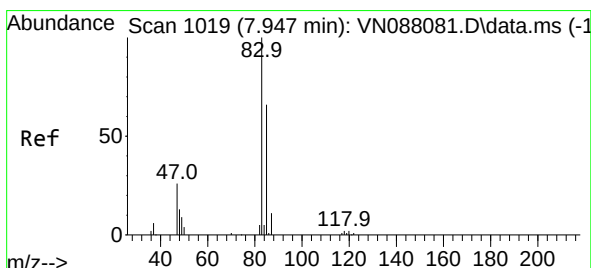
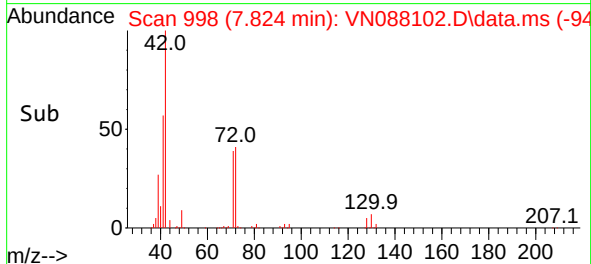
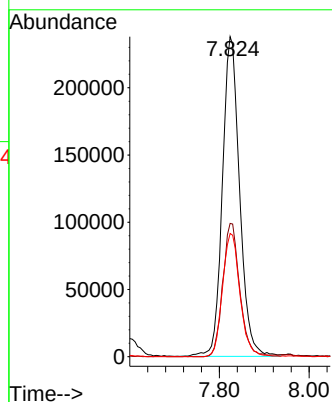
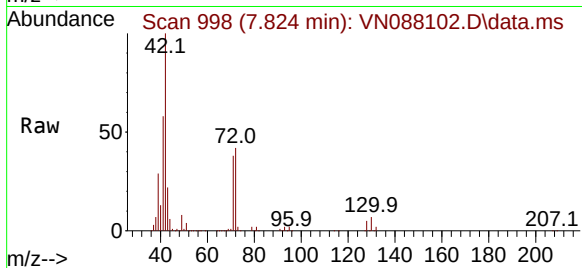
Tgt Ion: 42 Resp: 635795

Ion Ratio Lower Upper

42 100

72 41.1 33.7 50.5

71 39.0 31.9 47.9



#30

Chloroform

Concen: 53.556 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN088102.D

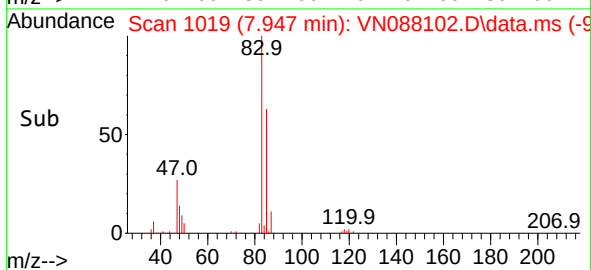
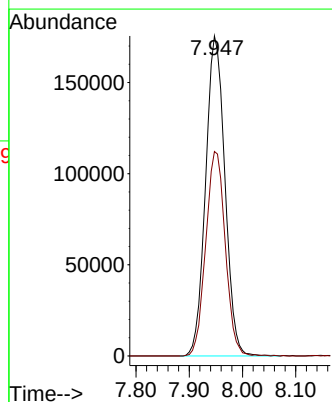
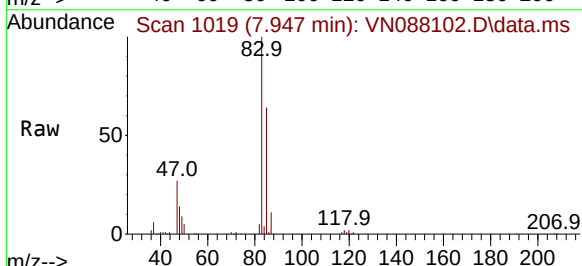
Acq: 27 Oct 2025 10:40

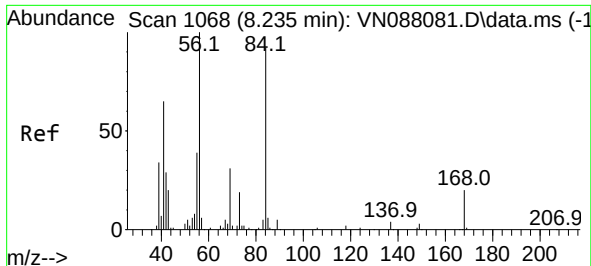
Tgt Ion: 83 Resp: 442103

Ion Ratio Lower Upper

83 100

85 63.9 50.7 76.1

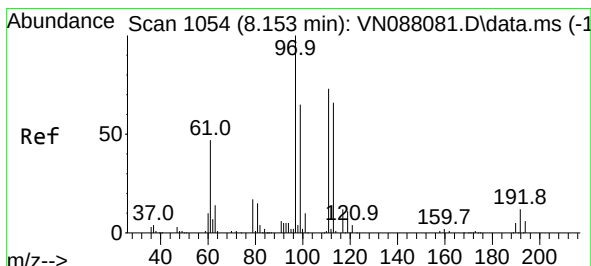
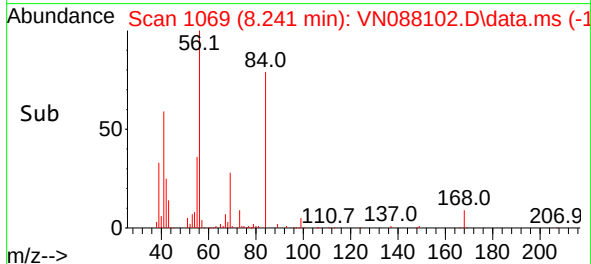
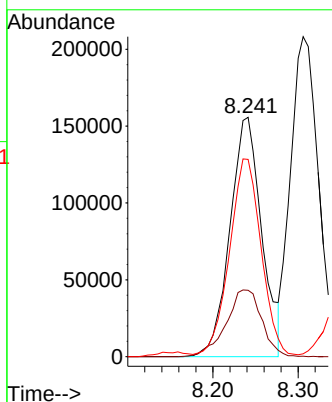
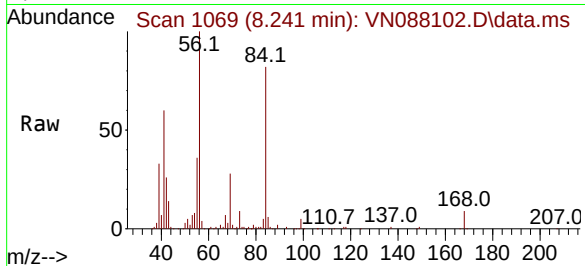




#31
Cyclohexane
Concen: 51.747 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

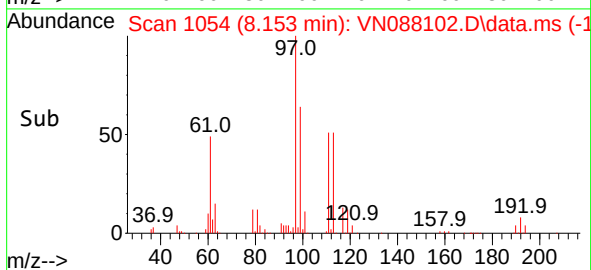
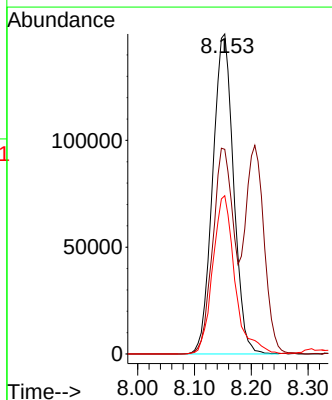
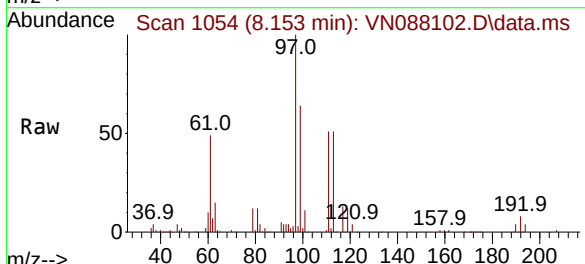
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

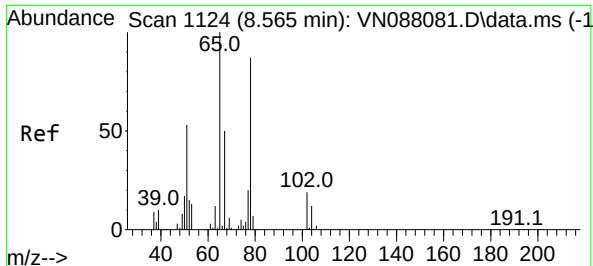
Tgt Ion: 56 Resp: 403281
Ion Ratio Lower Upper
56 100
69 27.7 23.7 35.5
84 80.5 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 52.155 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion: 97 Resp: 383459
Ion Ratio Lower Upper
97 100
99 63.5 52.2 78.2
61 52.5 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 50.647 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088102.D

Acq: 27 Oct 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

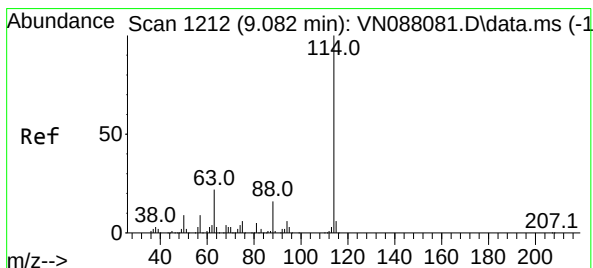
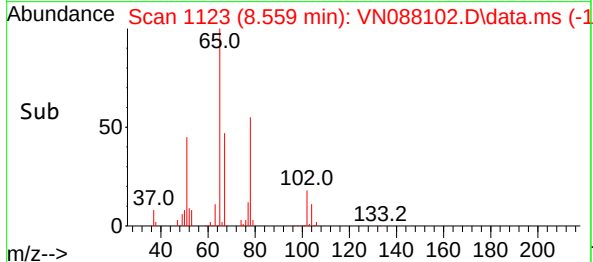
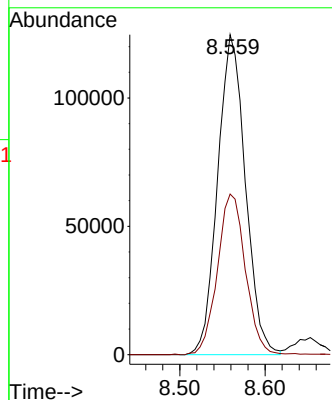
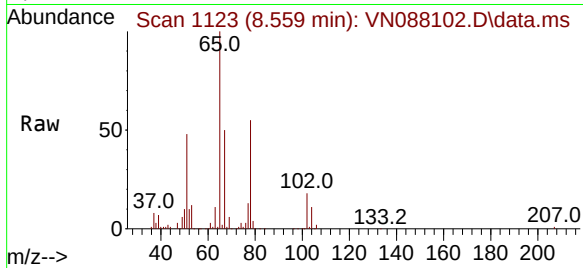
VSTDCCC050

Tgt Ion: 65 Resp: 281974

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088102.D

Acq: 27 Oct 2025 10:40

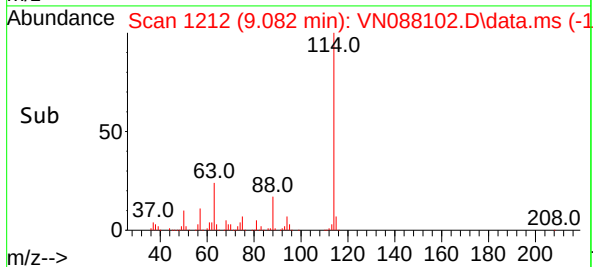
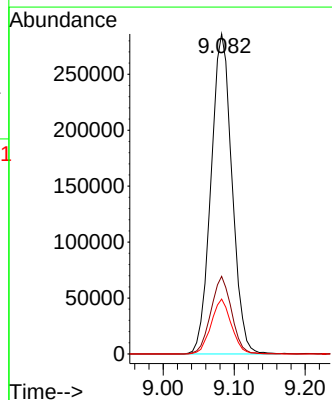
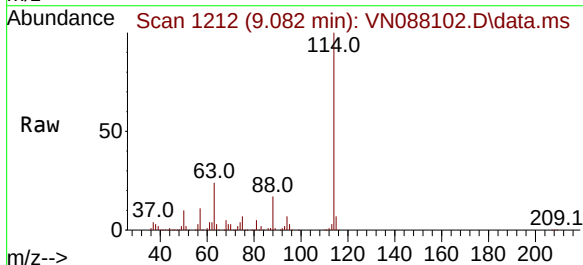
Tgt Ion: 114 Resp: 587119

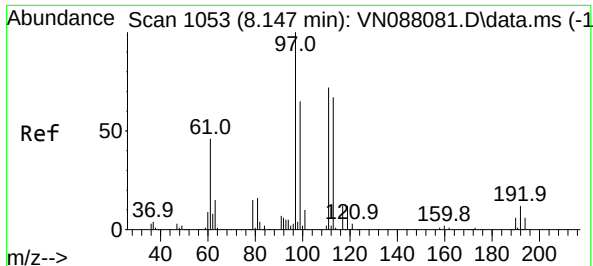
Ion Ratio Lower Upper

114 100

63 24.3 0.0 45.2

88 17.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.418 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088102.D

Acq: 27 Oct 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

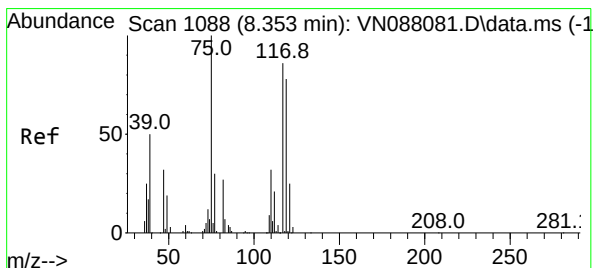
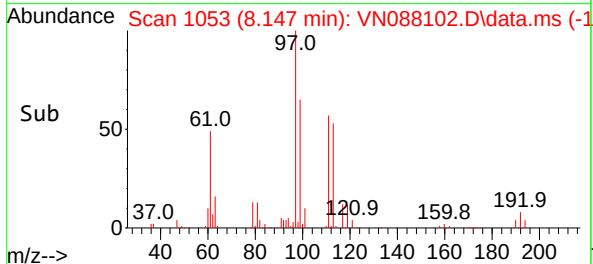
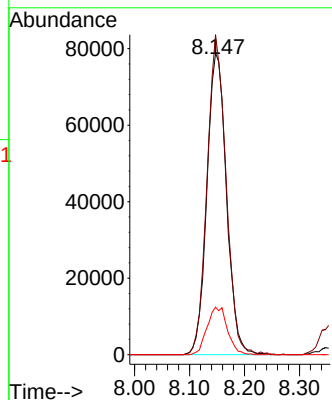
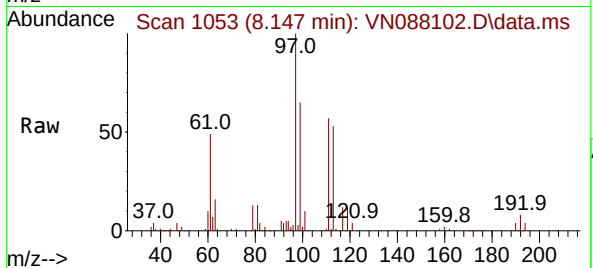
Tgt Ion:113 Resp: 194920

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 16.4 12.8 19.2



#36

1,1-Dichloropropene

Concen: 54.483 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN088102.D

Acq: 27 Oct 2025 10:40

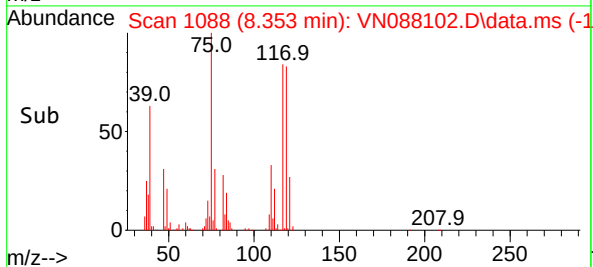
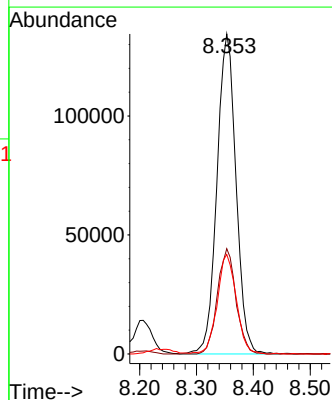
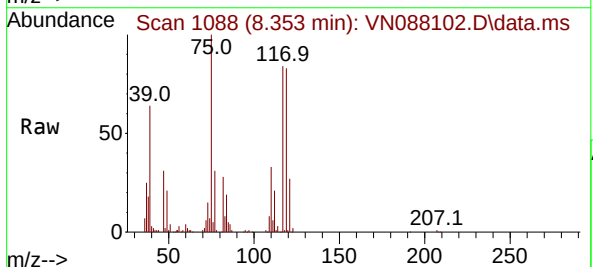
Tgt Ion: 75 Resp: 313772

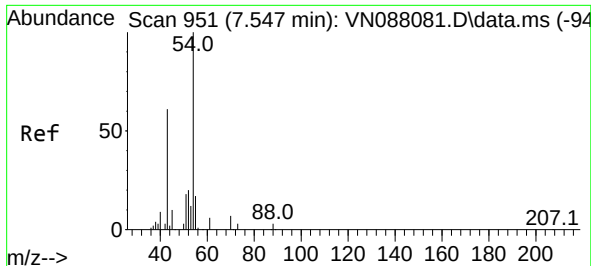
Ion Ratio Lower Upper

75 100

110 32.2 15.9 47.6

77 31.1 24.4 36.6

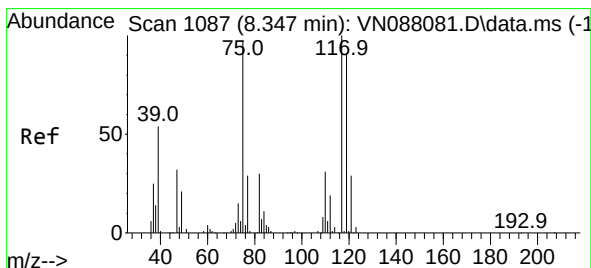
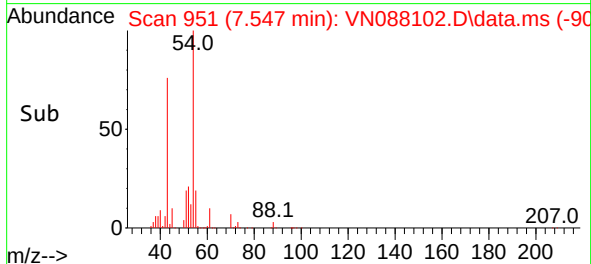
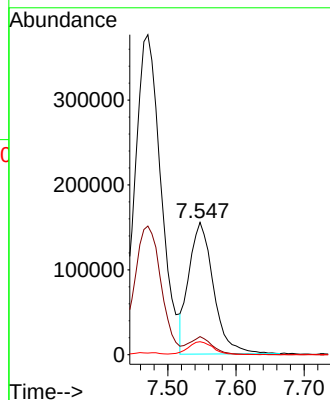
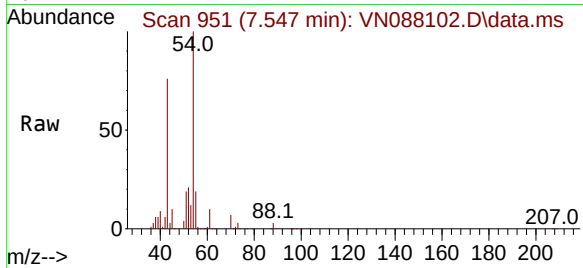




#37
Ethyl Acetate
Concen: 52.169 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

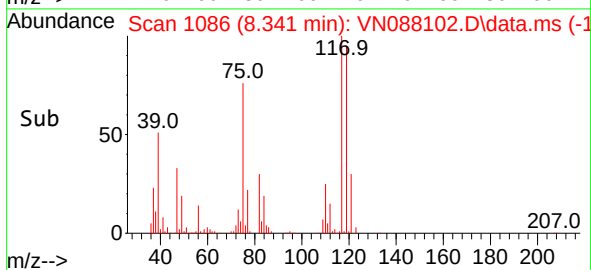
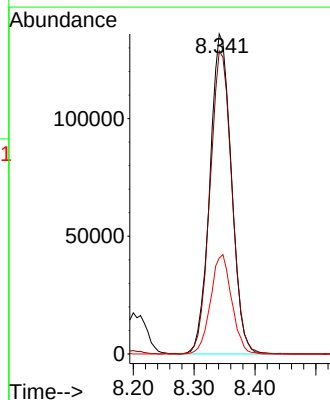
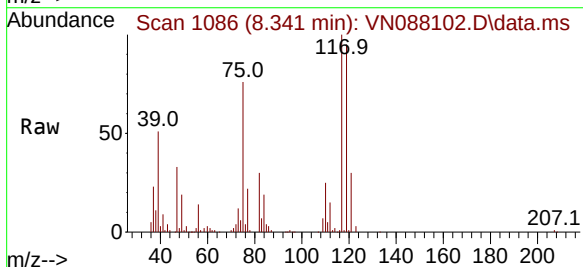
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

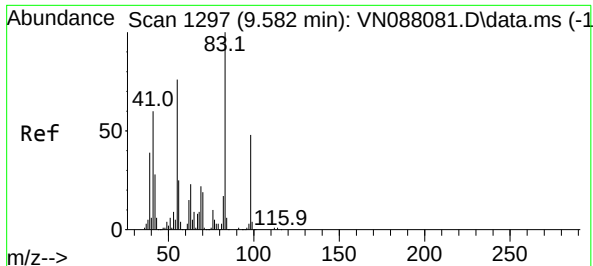
Tgt Ion: 43 Resp: 387720
Ion Ratio Lower Upper
43 100
61 12.4 9.3 13.9
70 10.1 7.0 10.6



#38
Carbon Tetrachloride
Concen: 56.213 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion: 117 Resp: 334369
Ion Ratio Lower Upper
117 100
119 94.7 79.0 118.6
121 30.0 25.0 37.6





#39

Methylcyclohexane

Concen: 51.784 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN088102.D

Acq: 27 Oct 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

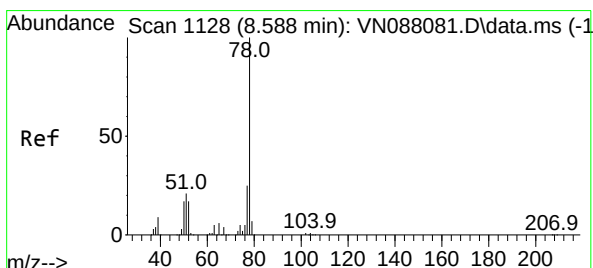
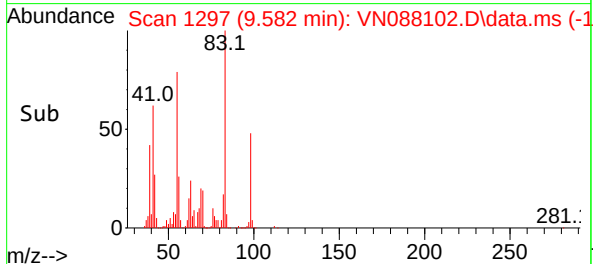
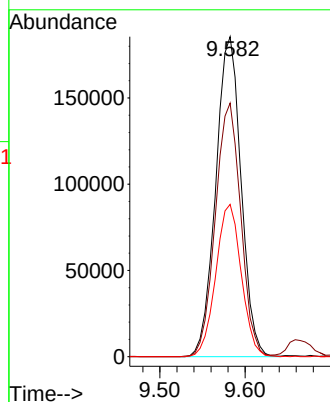
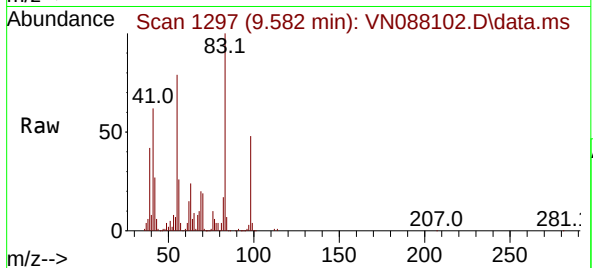
Tgt Ion: 83 Resp: 383340

Ion Ratio Lower Upper

83 100

55 79.3 64.6 96.8

98 47.6 38.4 57.6



#40

Benzene

Concen: 53.522 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088102.D

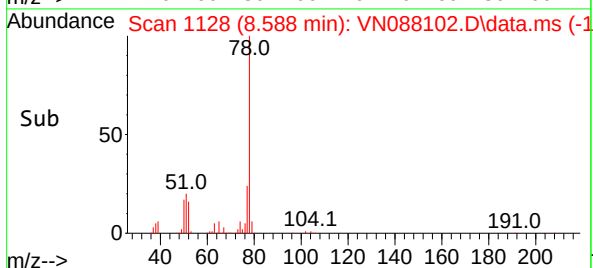
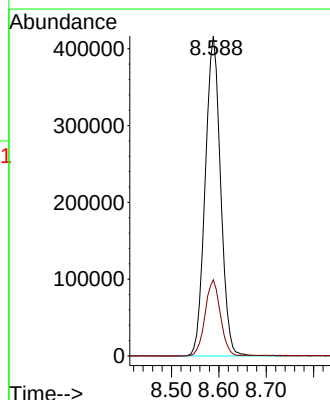
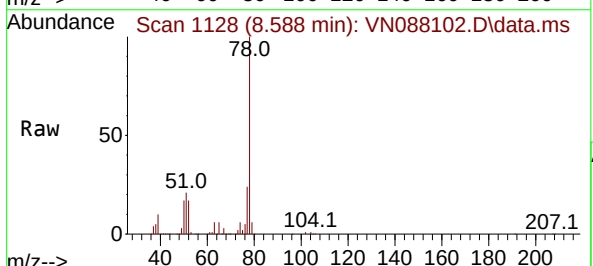
Acq: 27 Oct 2025 10:40

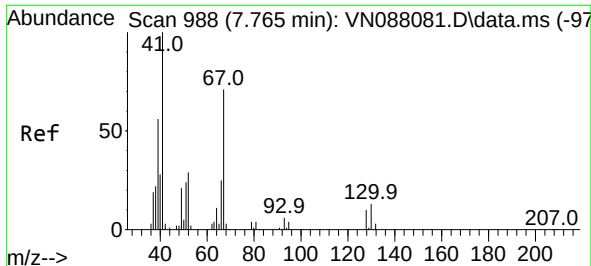
Tgt Ion: 78 Resp: 938729

Ion Ratio Lower Upper

78 100

77 23.8 19.7 29.5

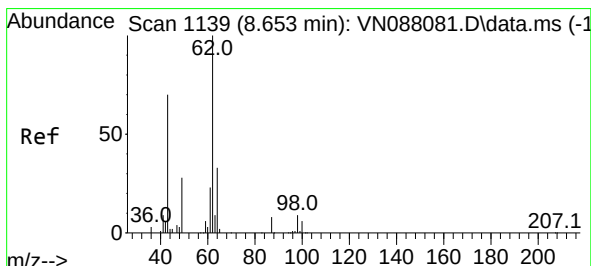
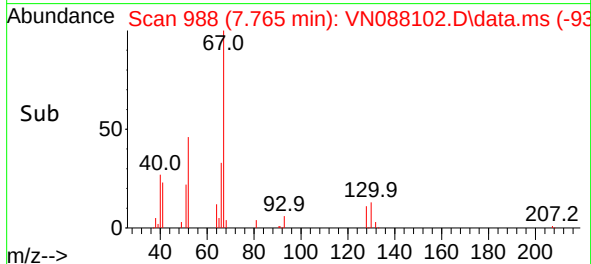
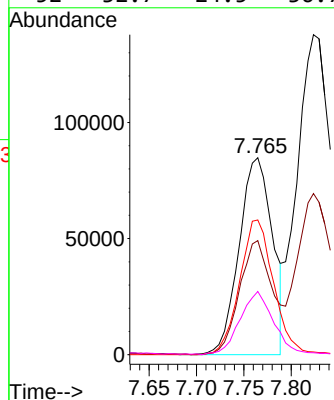
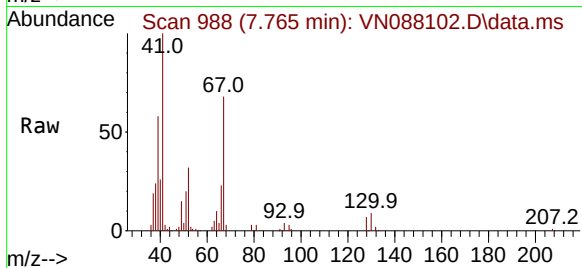




#41
Methacrylonitrile
Concen: 53.275 ug/l
RT: 7.765 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

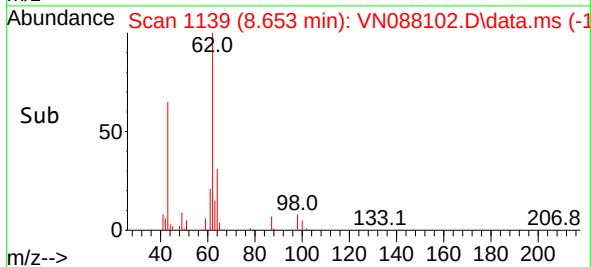
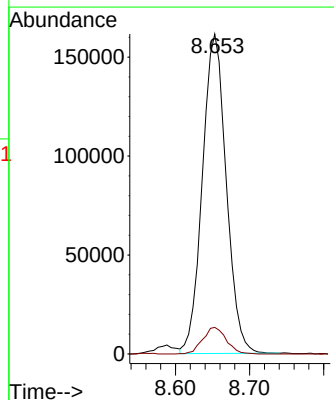
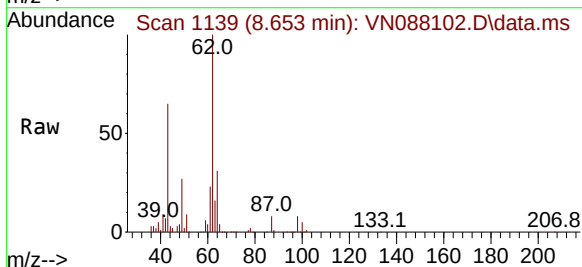
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

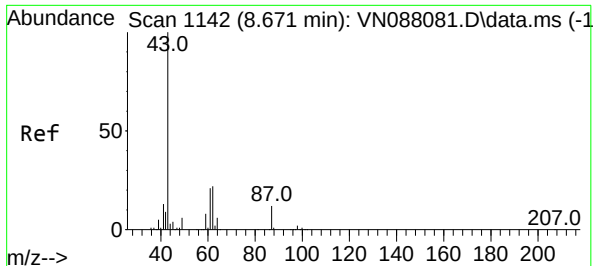
Tgt Ion:	41	Resp:	208389
Ion	Ratio	Lower	Upper
41	100		
39	59.3	45.4	68.0
67	70.0	55.3	82.9
52	32.7	24.5	36.7



#42
1,2-Dichloroethane
Concen: 58.091 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion:	62	Resp:	362020
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.4

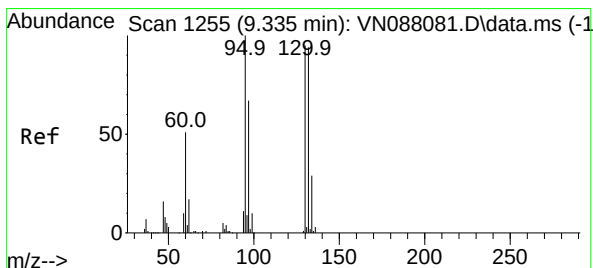
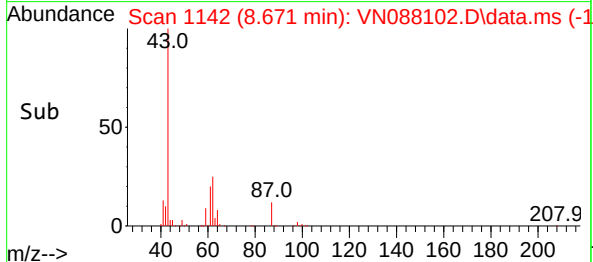
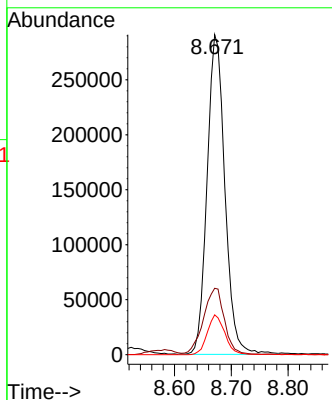
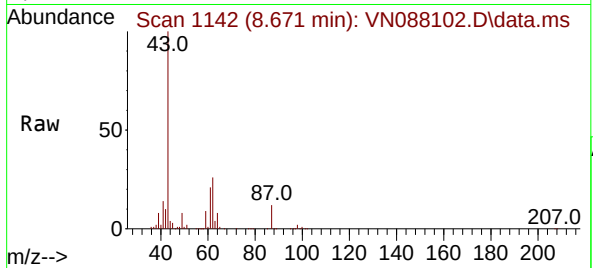




#43
Isopropyl Acetate
Concen: 55.312 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

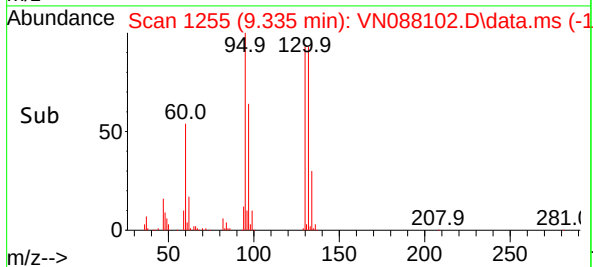
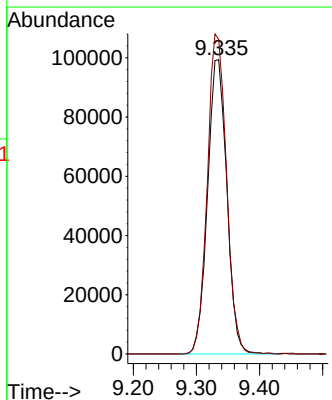
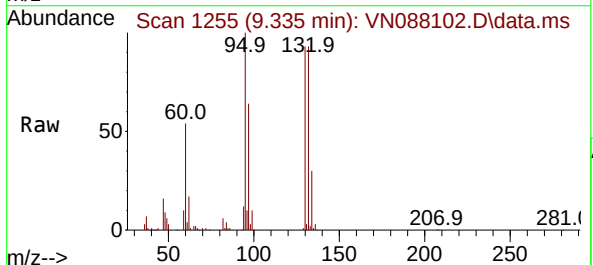
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

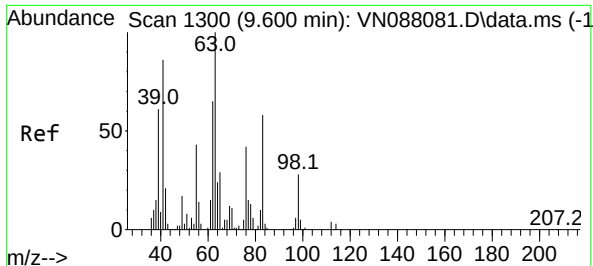
Tgt Ion: 43 Resp: 631669
Ion Ratio Lower Upper
43 100
61 24.3 18.8 28.2
87 12.3 9.6 14.4



#44
Trichloroethene
Concen: 51.507 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion:130 Resp: 211158
Ion Ratio Lower Upper
130 100
95 107.0 0.0 212.0





#45

1,2-Dichloropropane

Concen: 54.702 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088102.D

Acq: 27 Oct 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

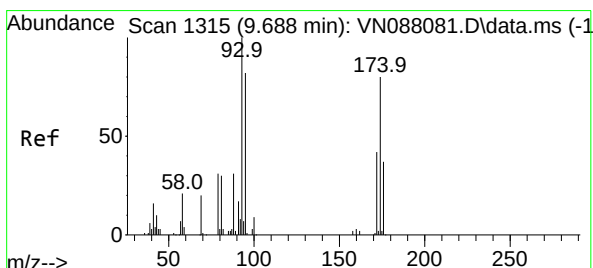
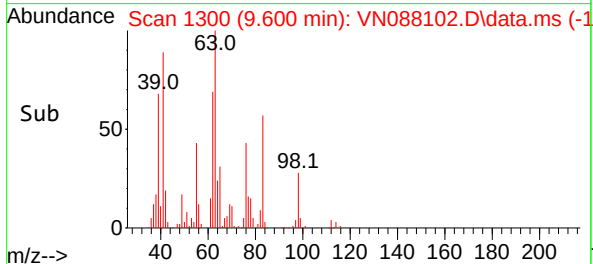
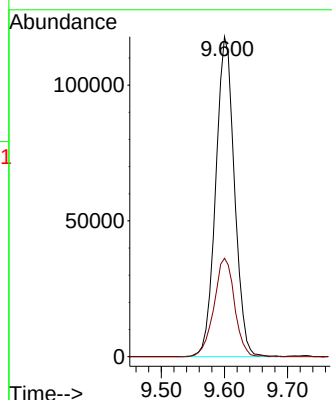
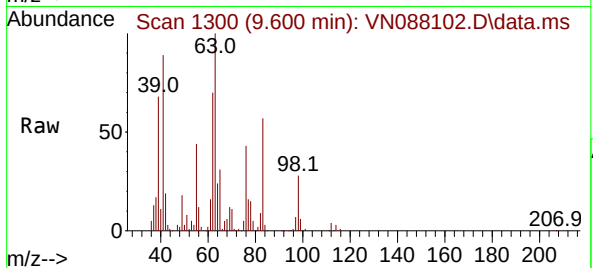
VSTDCCC050

Tgt Ion: 63 Resp: 242214

Ion Ratio Lower Upper

63 100

65 30.8 25.0 37.4



#46

Dibromomethane

Concen: 54.854 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088102.D

Acq: 27 Oct 2025 10:40

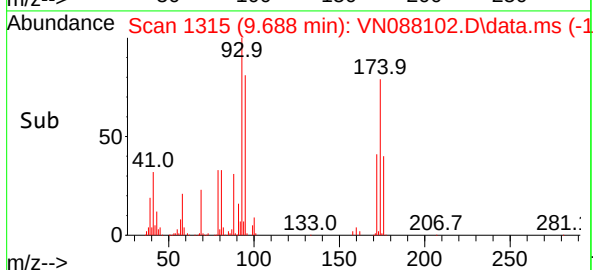
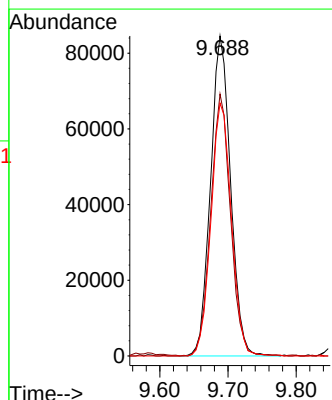
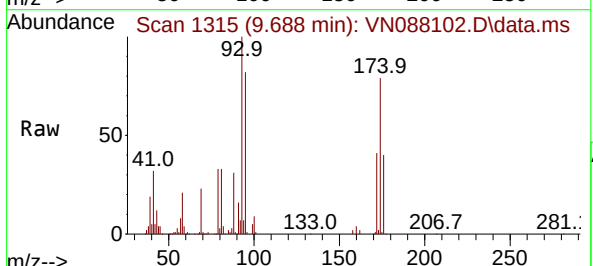
Tgt Ion: 93 Resp: 173231

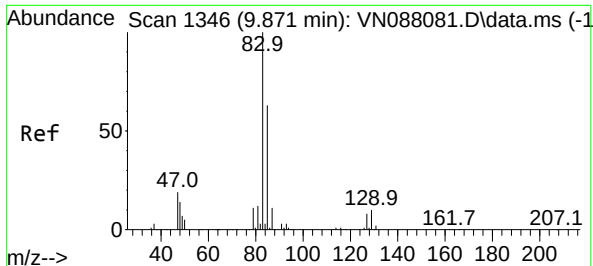
Ion Ratio Lower Upper

93 100

95 80.9 66.2 99.4

174 80.5 63.4 95.2

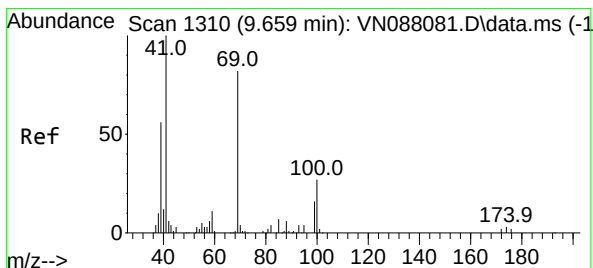
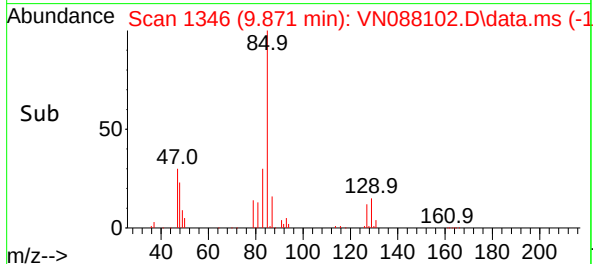
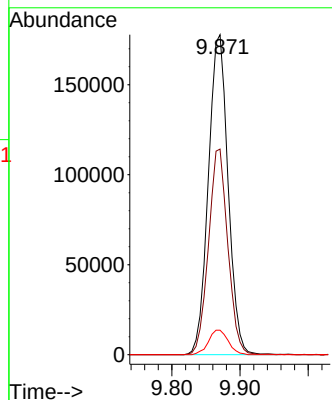
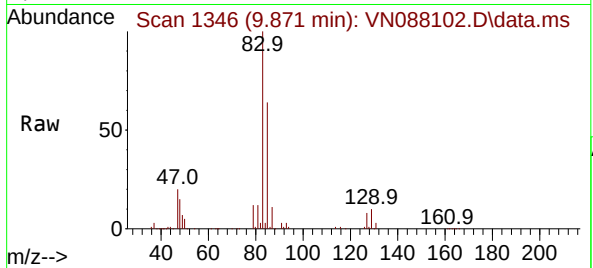




#47
Bromodichloromethane
Concen: 56.540 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

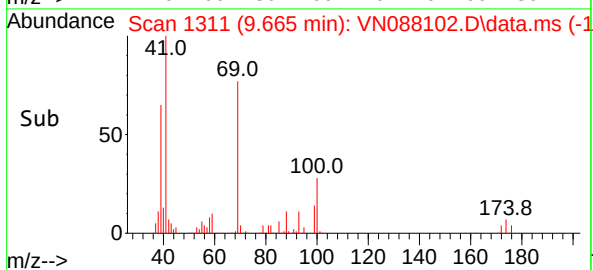
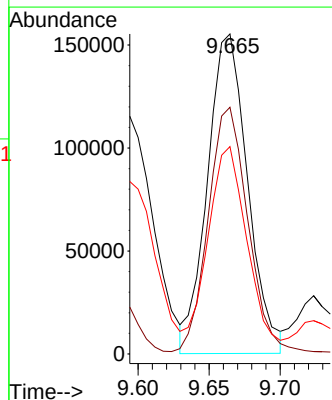
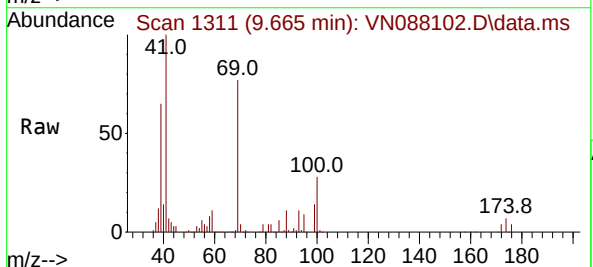
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

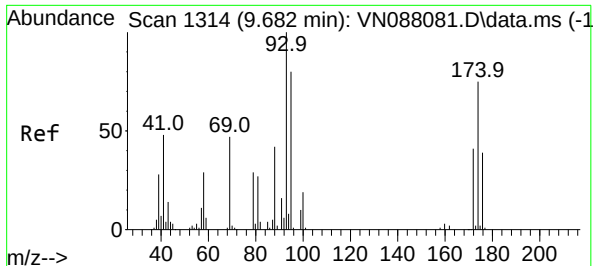
Tgt Ion: 83 Resp: 357488
Ion Ratio Lower Upper
83 100
85 64.3 52.5 78.7
127 7.6 5.8 8.6



#48
Methyl methacrylate
Concen: 57.954 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion: 41 Resp: 305563
Ion Ratio Lower Upper
41 100
69 76.8 62.7 94.1
39 63.6 52.9 79.3





#49

1,4-Dioxane

Concen: 1081.292 ug/l

RT: 9.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088102.D

Acq: 27 Oct 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

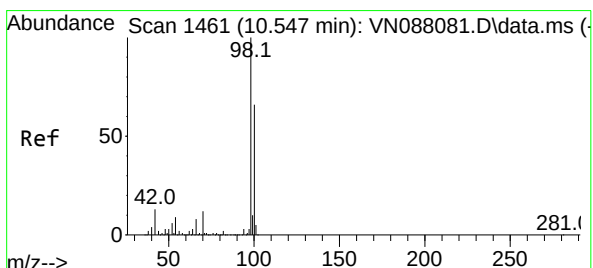
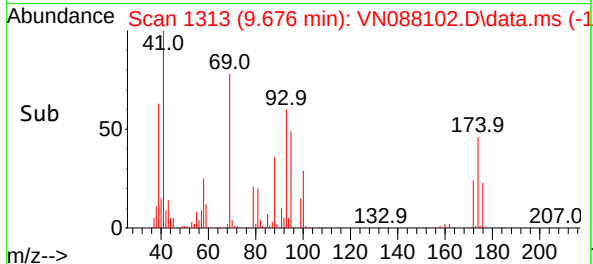
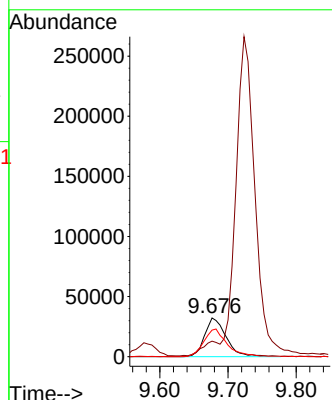
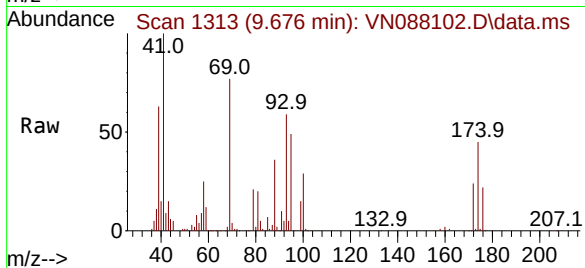
Tgt Ion: 88 Resp: 70907

Ion Ratio Lower Upper

88 100

43 30.9 0.0 0.0#

58 78.2 57.9 86.9



#50

Toluene-d8

Concen: 47.946 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088102.D

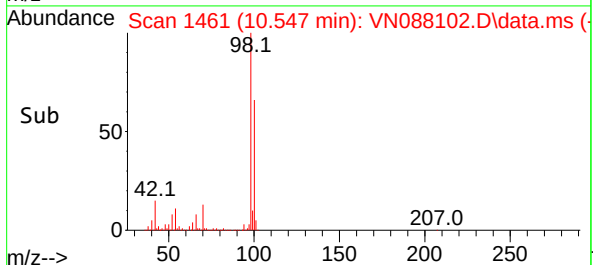
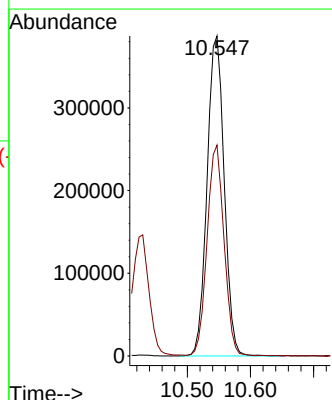
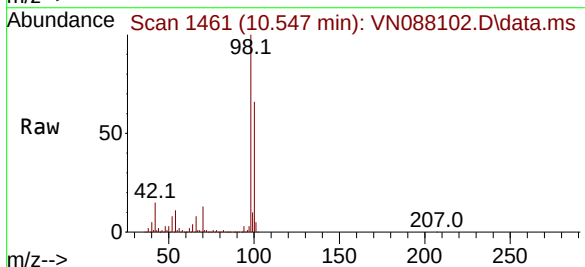
Acq: 27 Oct 2025 10:40

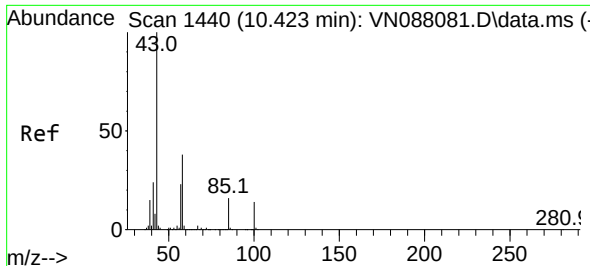
Tgt Ion: 98 Resp: 728690

Ion Ratio Lower Upper

98 100

100 64.9 52.8 79.2

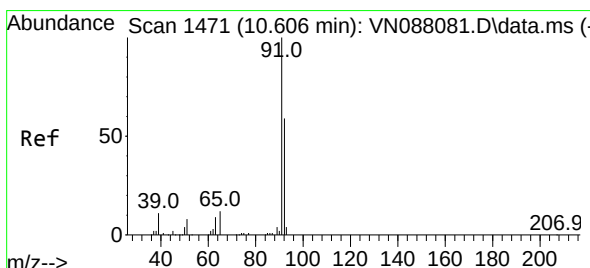
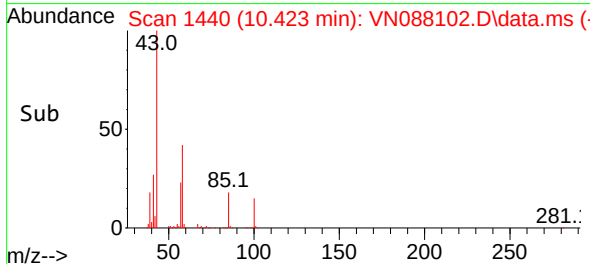
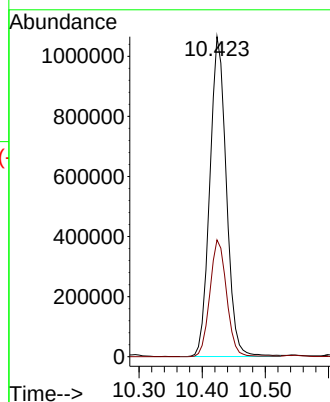
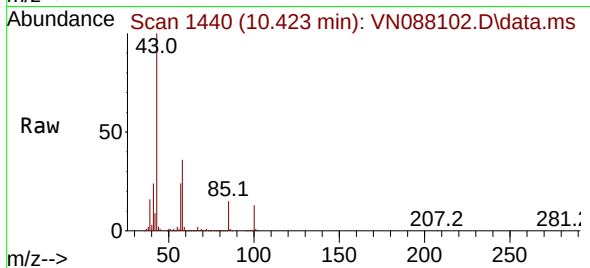




#51
4-Methyl-2-Pentanone
Concen: 287.502 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

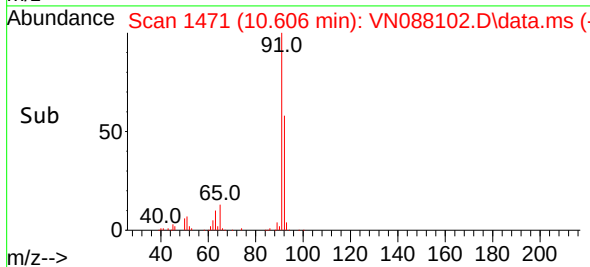
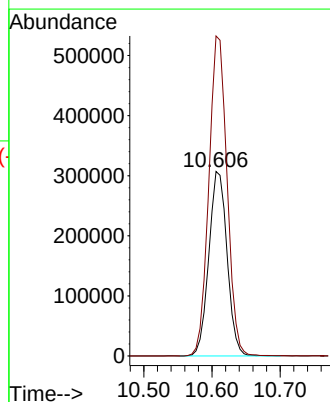
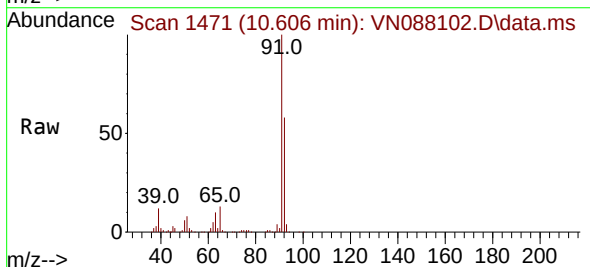
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

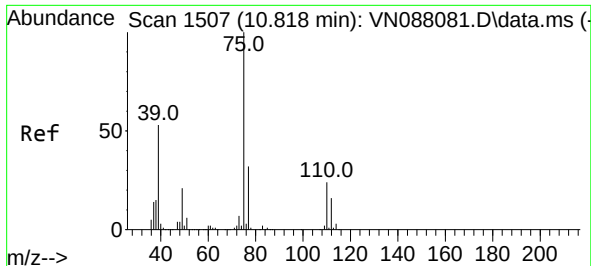
Tgt Ion: 43 Resp: 1942375
Ion Ratio Lower Upper
43 100
58 36.8 29.6 44.4



#52
Toluene
Concen: 52.932 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion: 92 Resp: 572392
Ion Ratio Lower Upper
92 100
91 173.2 140.4 210.6

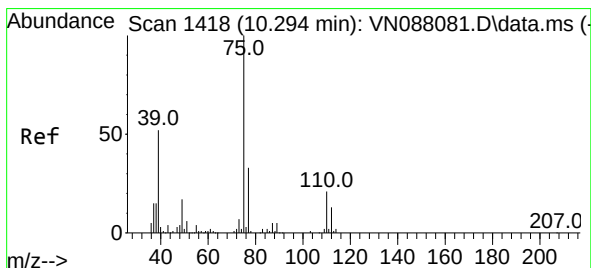
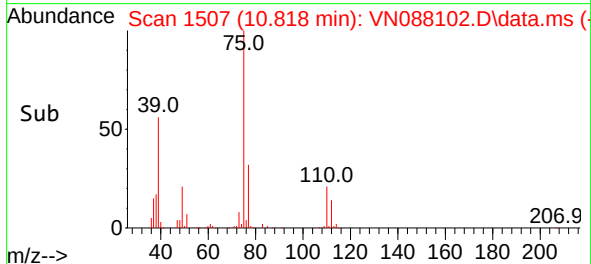
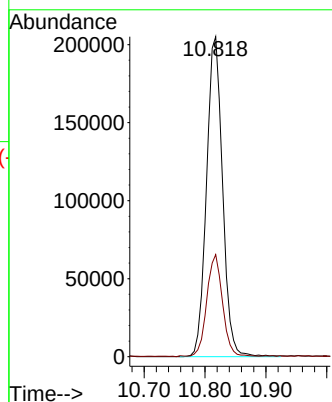
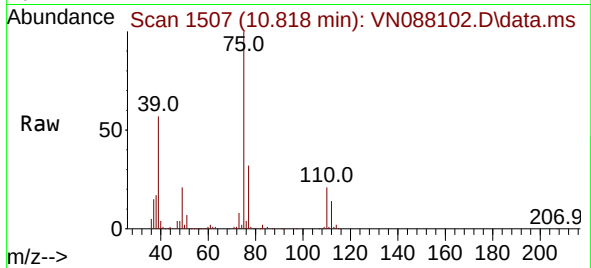




#53
 t-1,3-Dichloropropene
 Concen: 55.844 ug/l
 RT: 10.818 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: VN088102.D
 Acq: 27 Oct 2025 10:40

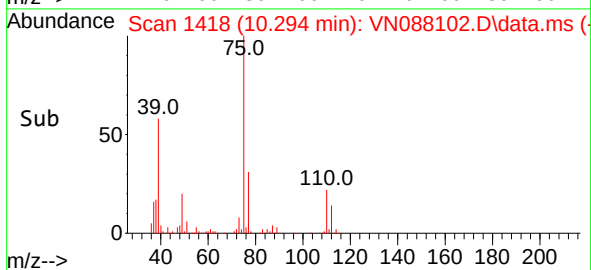
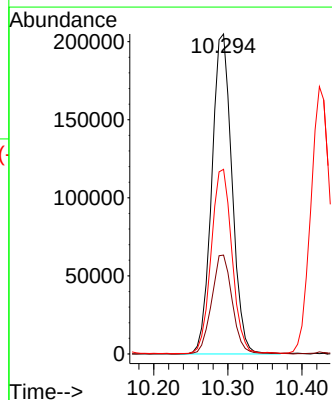
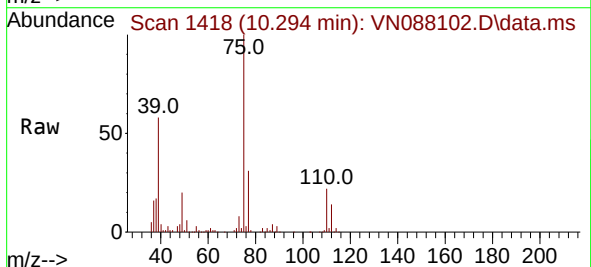
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

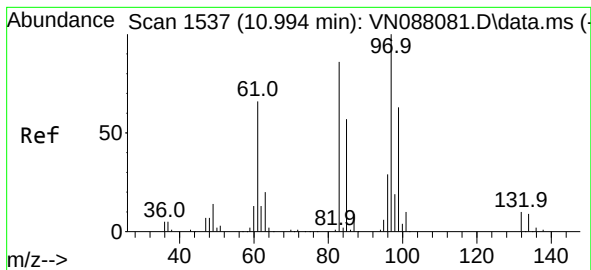
Tgt Ion: 75 Resp: 375796
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 54.372 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN088102.D
 Acq: 27 Oct 2025 10:40

Tgt Ion: 75 Resp: 388258
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 37.0
 39 57.5 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 53.460 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. -0.000 min

Lab File: VN088102.D

Acq: 27 Oct 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 219324

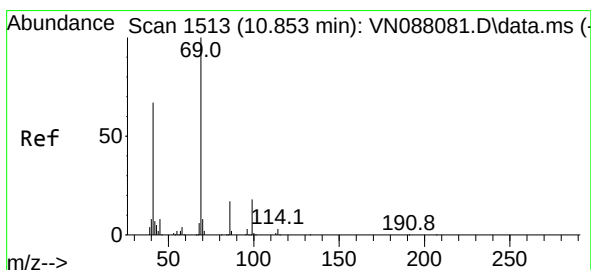
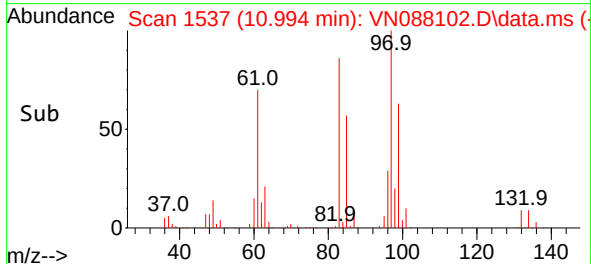
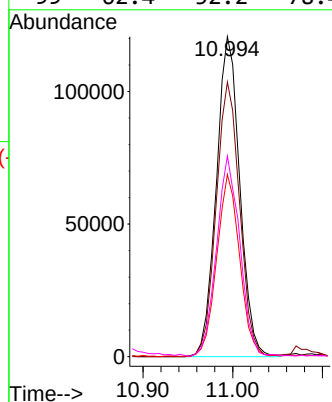
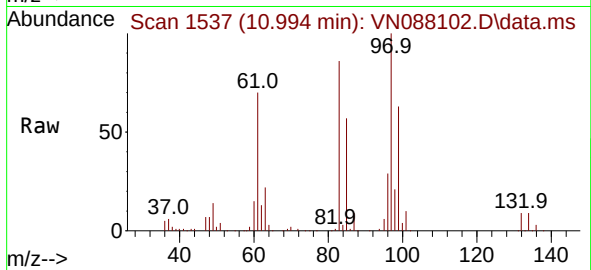
Ion Ratio Lower Upper

97 100

83 85.8 68.2 102.4

85 56.8 45.5 68.3

99 62.4 52.2 78.4



#56

Ethyl methacrylate

Concen: 57.050 ug/l

RT: 10.853 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VN088102.D

Acq: 27 Oct 2025 10:40

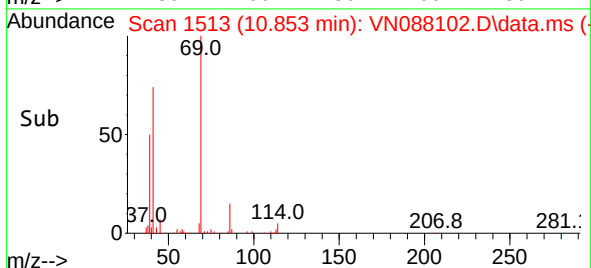
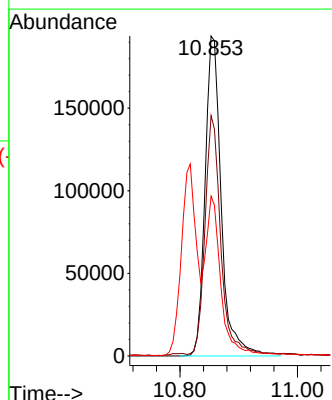
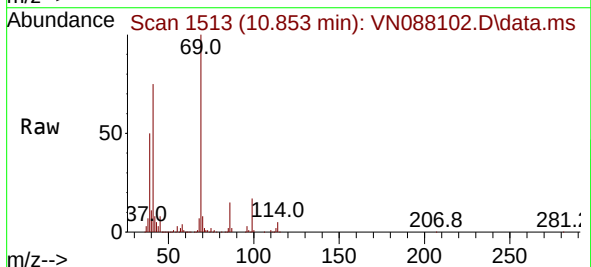
Tgt Ion: 69 Resp: 370392

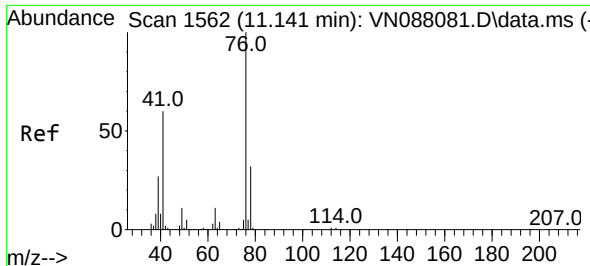
Ion Ratio Lower Upper

69 100

41 73.3 56.5 84.7

39 47.0 34.2 51.4

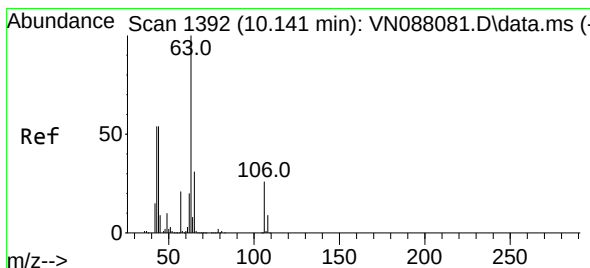
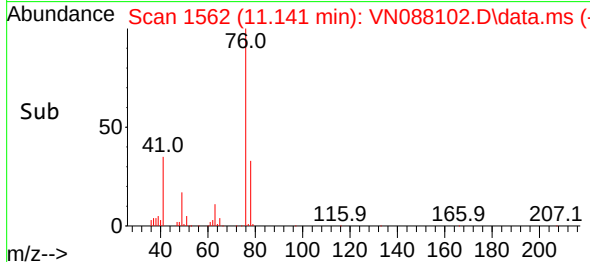
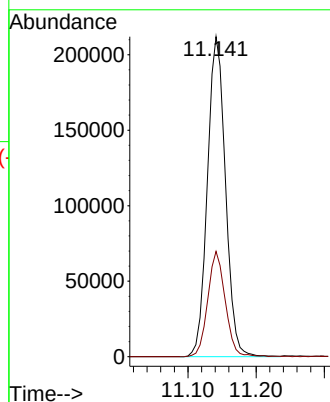
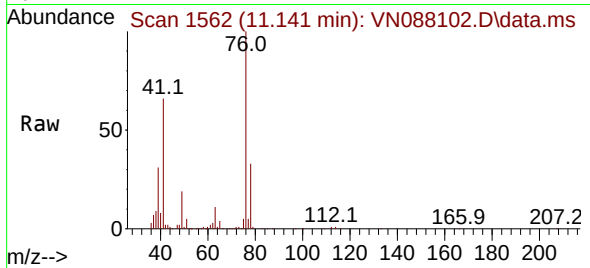




#57
1,3-Dichloropropane
Concen: 54.194 ug/l
RT: 11.141 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

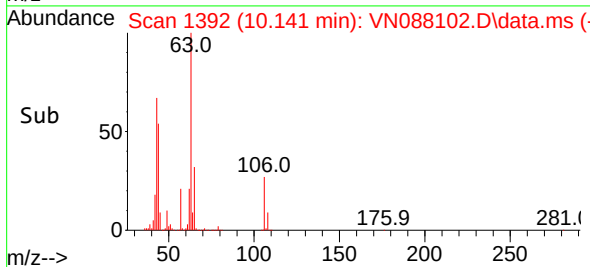
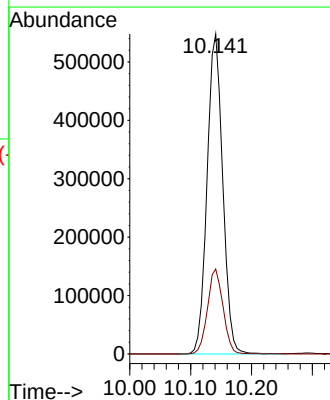
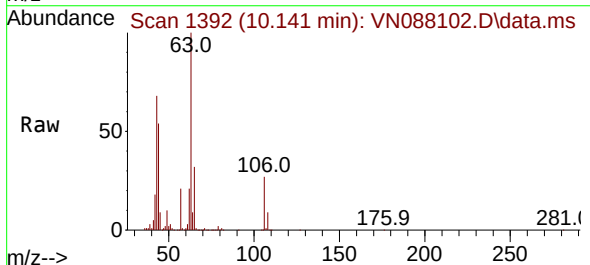
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

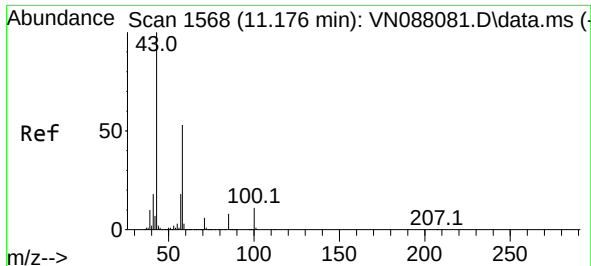
Tgt Ion: 76 Resp: 390798
Ion Ratio Lower Upper
76 100
78 31.8 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 289.056 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion: 63 Resp: 976156
Ion Ratio Lower Upper
63 100
106 26.4 21.1 31.7

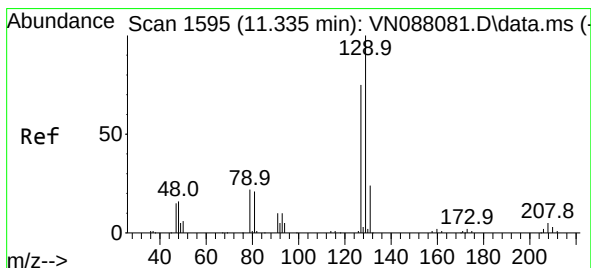
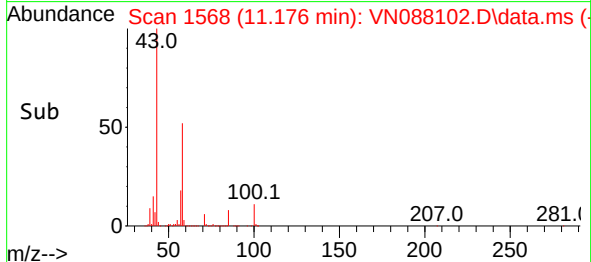
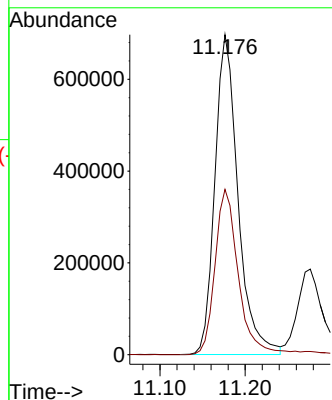
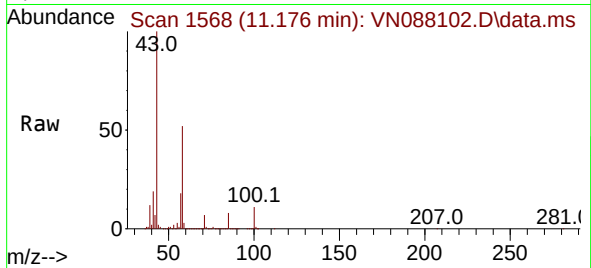




#59
2-Hexanone
Concen: 293.477 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

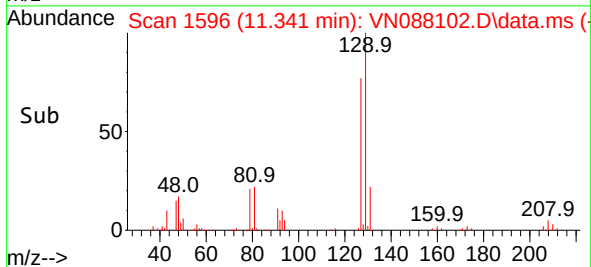
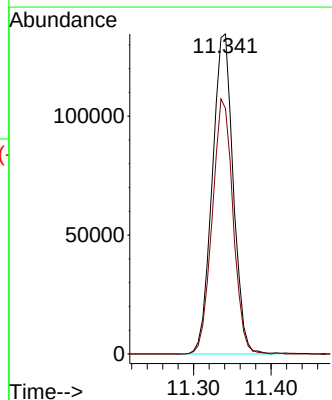
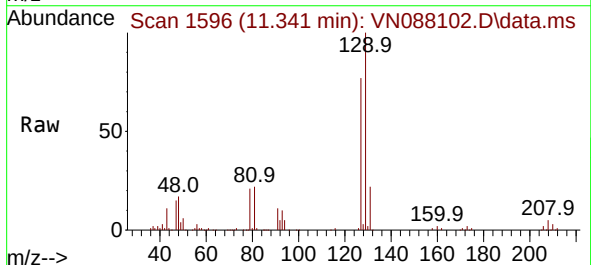
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

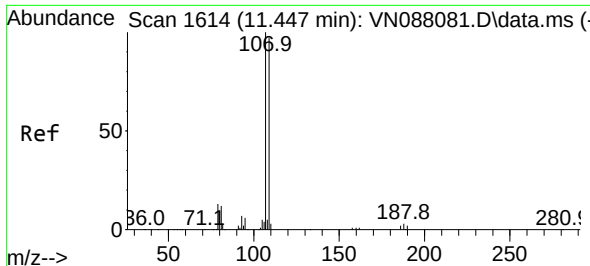
Tgt Ion: 43 Resp: 1315305
Ion Ratio Lower Upper
43 100
58 52.3 25.9 77.8



#60
Dibromochloromethane
Concen: 54.268 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion:129 Resp: 253054
Ion Ratio Lower Upper
129 100
127 78.8 39.1 117.3

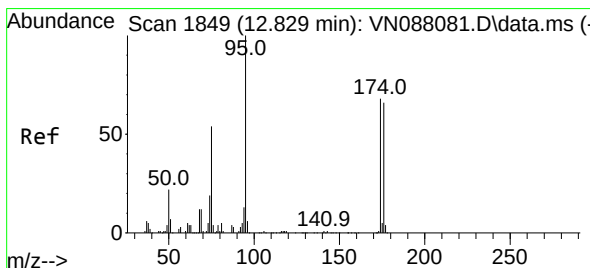
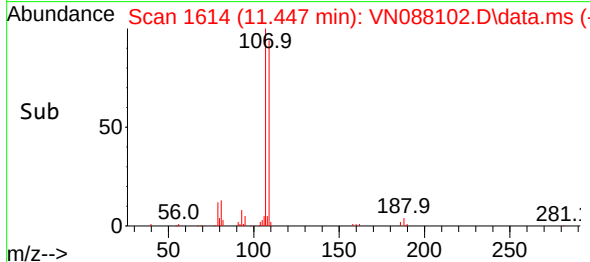
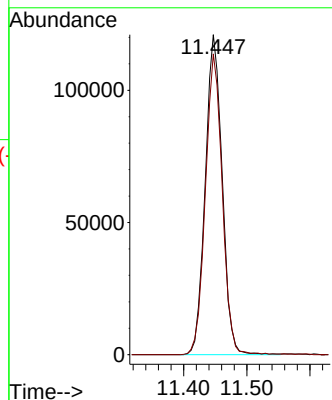
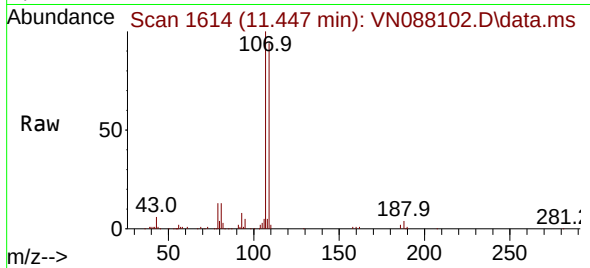




#61
1,2-Dibromoethane
Concen: 53.304 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

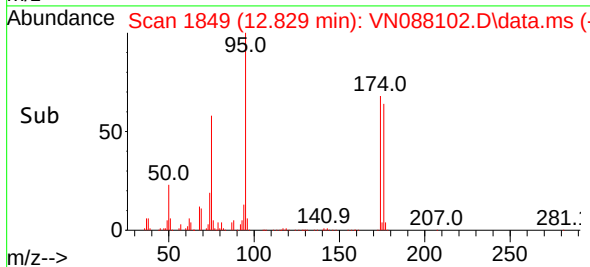
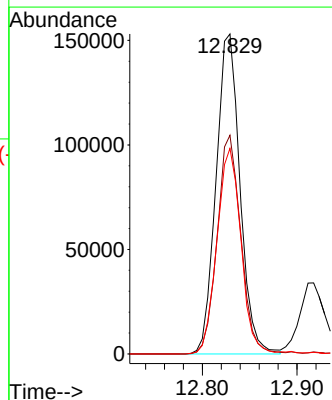
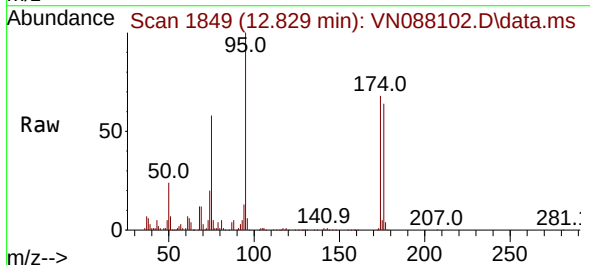
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

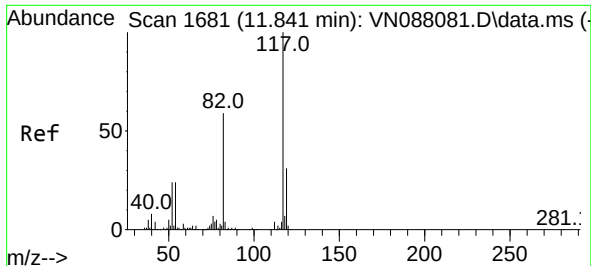
Tgt Ion:107 Resp: 225061
Ion Ratio Lower Upper
107 100
109 93.8 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 50.267 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion: 95 Resp: 269801
Ion Ratio Lower Upper
95 100
174 67.3 0.0 138.4
176 64.7 0.0 132.6

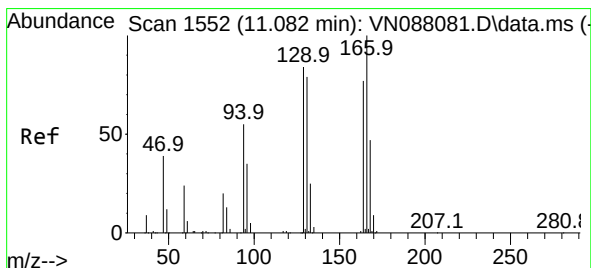
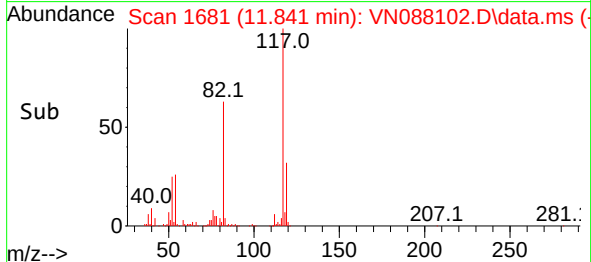
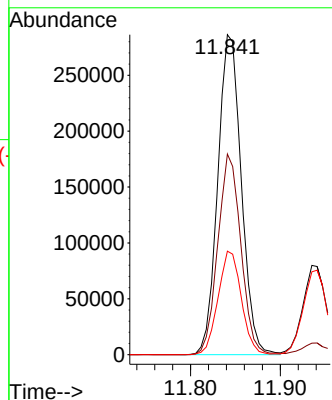
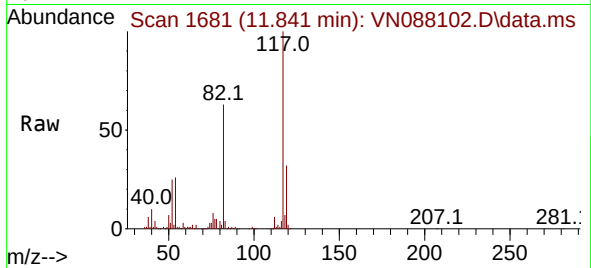




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

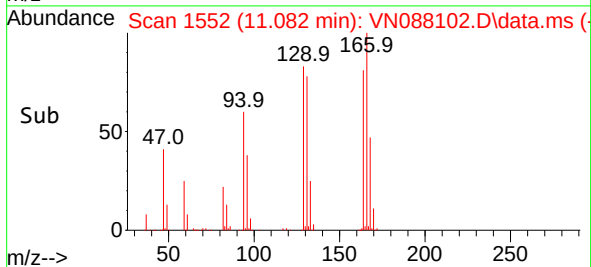
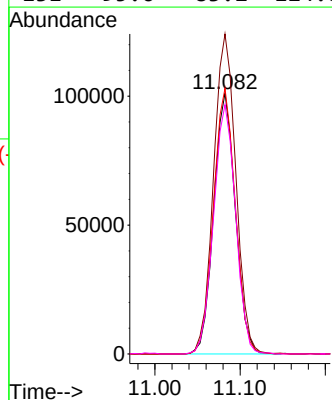
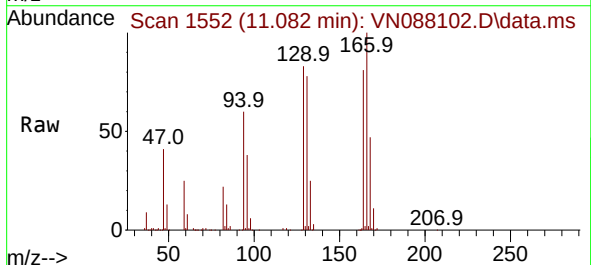
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

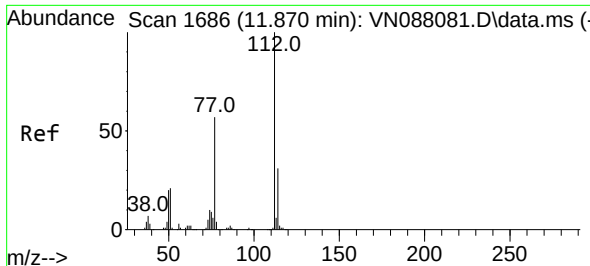
Tgt Ion:117 Resp: 522069
Ion Ratio Lower Upper
117 100
82 62.7 47.4 71.2
119 32.3 24.3 36.5



#64
Tetrachloroethene
Concen: 52.018 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion:164 Resp: 179133
Ion Ratio Lower Upper
164 100
166 122.8 97.7 146.5
129 101.9 85.9 128.9
131 95.6 83.2 124.8

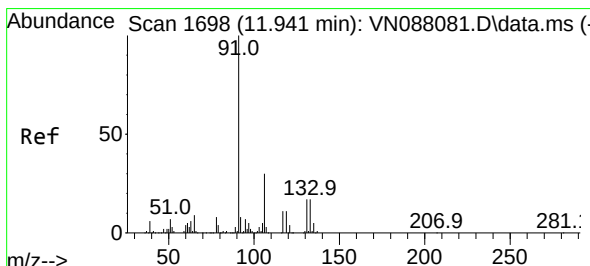
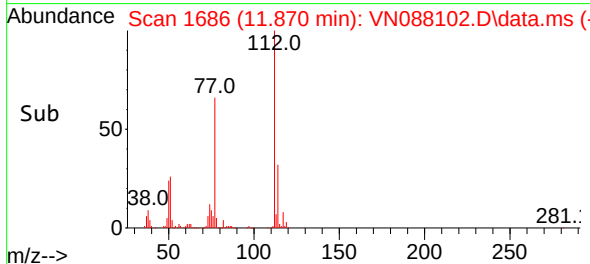
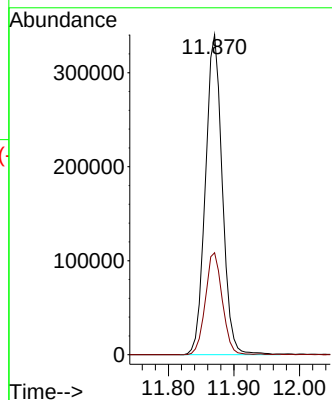
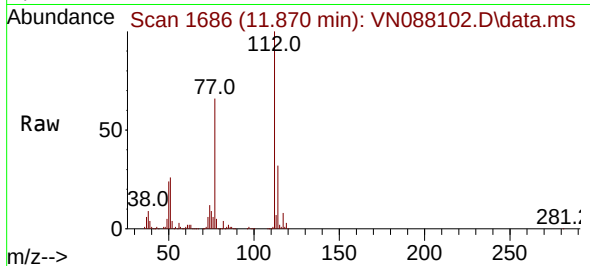




#65
Chlorobenzene
Concen: 51.404 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

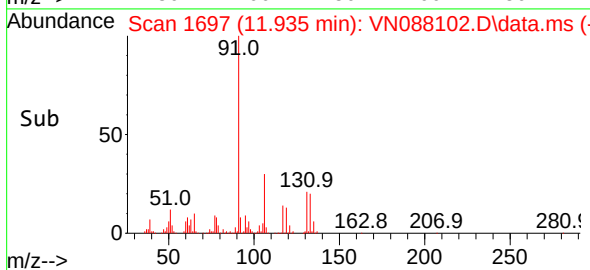
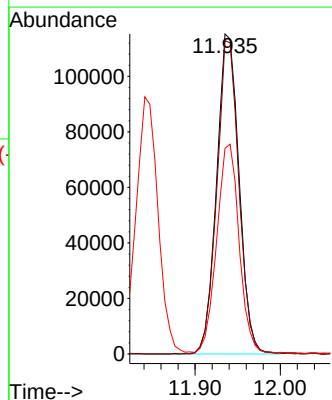
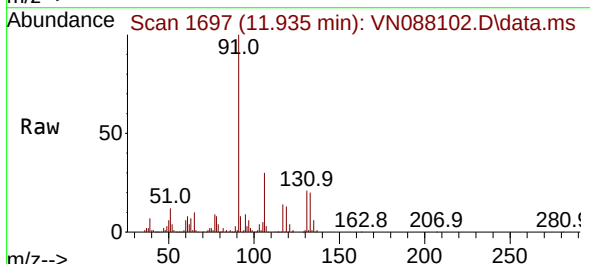
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

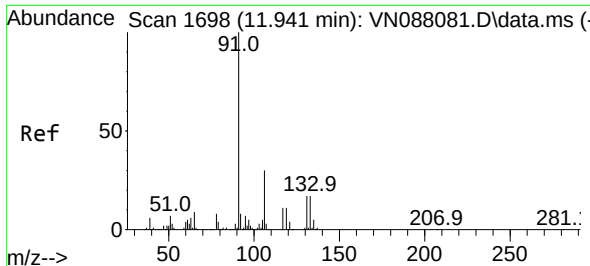
Tgt Ion:112 Resp: 609369
Ion Ratio Lower Upper
112 100
114 31.8 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.252 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion:131 Resp: 210704
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.0
119 66.0 32.6 97.7

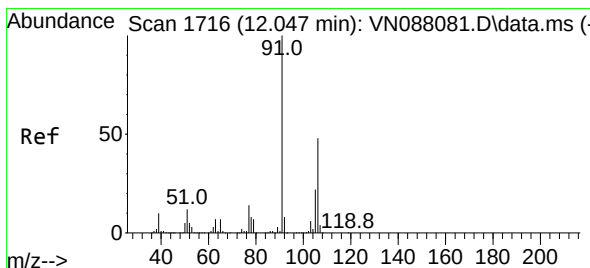
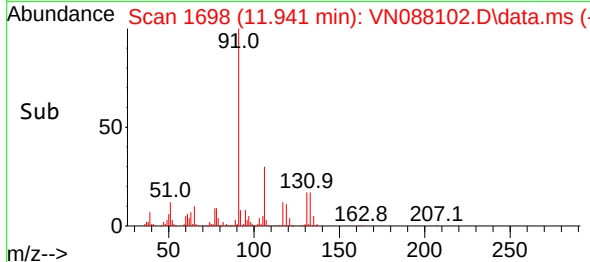
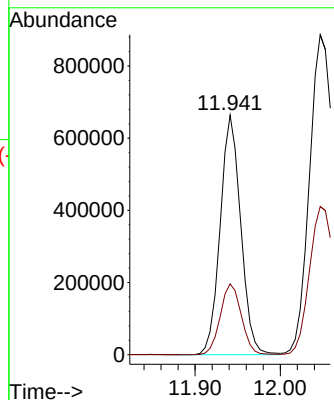
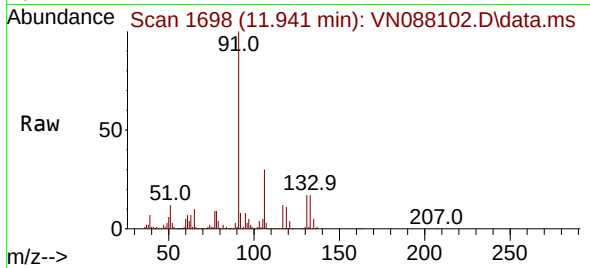




#67
Ethyl Benzene
Concen: 53.436 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

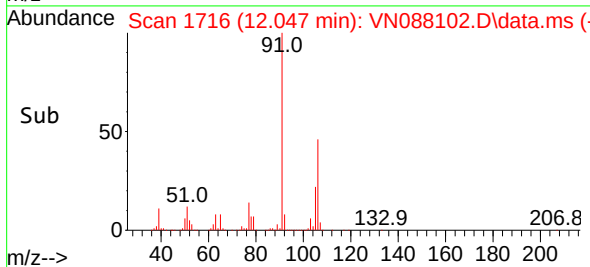
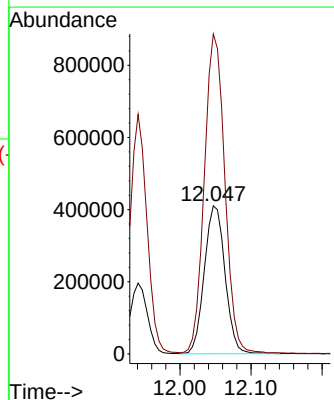
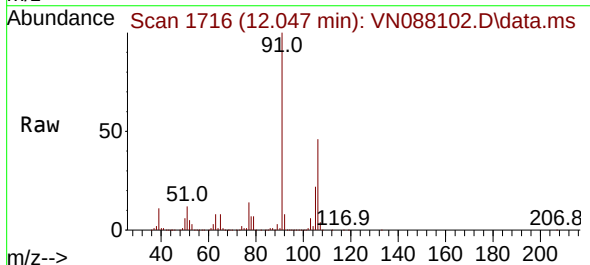
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

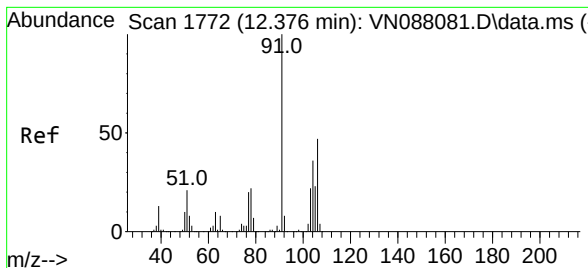
Tgt Ion: 91 Resp: 1111924
Ion Ratio Lower Upper
91 100
106 29.6 24.1 36.1



#68
m/p-Xylenes
Concen: 106.554 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion:106 Resp: 830752
Ion Ratio Lower Upper
106 100
91 212.6 169.3 253.9





#69

o-Xylene

Concen: 54.223 ug/l

RT: 12.376 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VN088102.D

Acq: 27 Oct 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

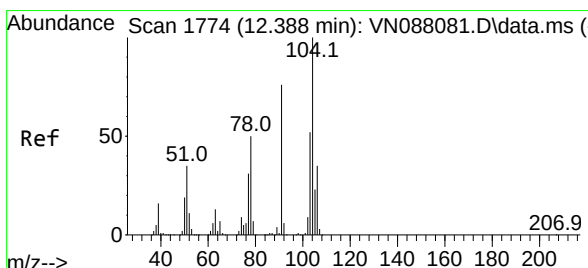
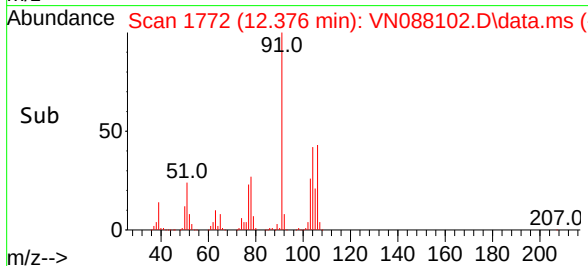
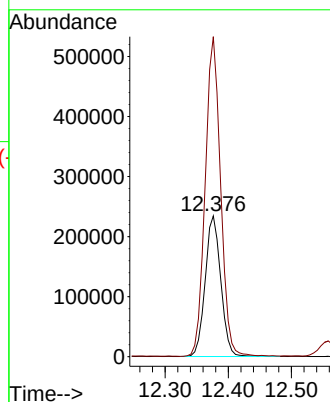
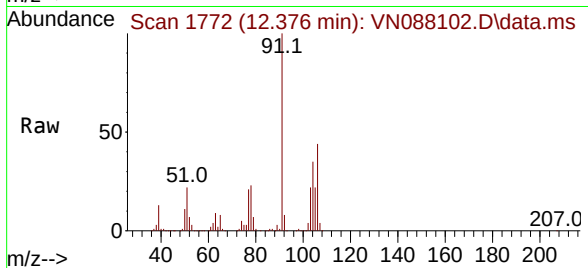
VSTDCCC050

Tgt Ion:106 Resp: 400758

Ion Ratio Lower Upper

106 100

91 224.8 111.4 334.2



#70

Styrene

Concen: 56.729 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VN088102.D

Acq: 27 Oct 2025 10:40

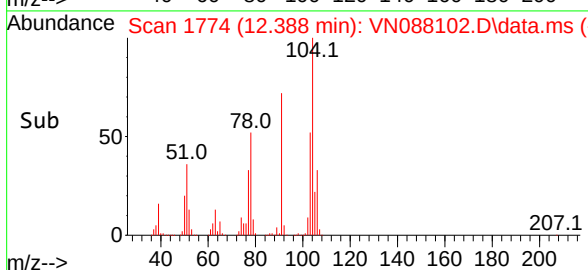
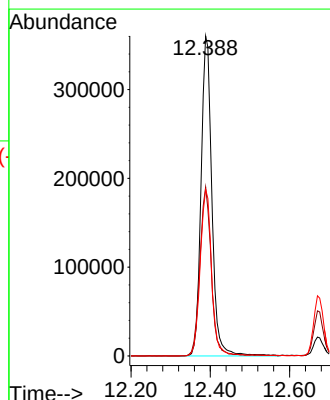
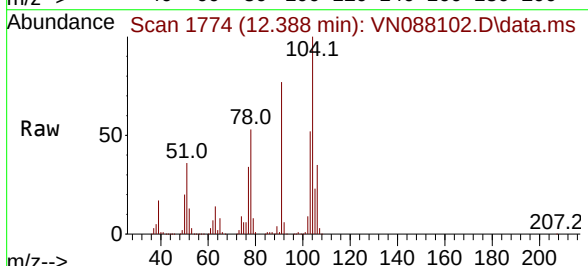
Tgt Ion:104 Resp: 683706

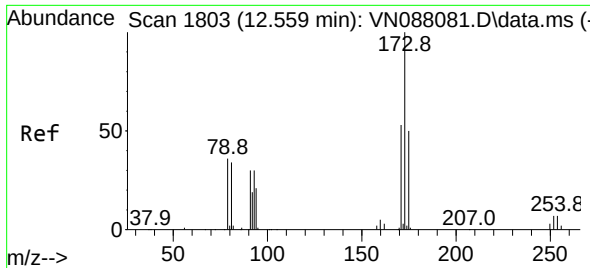
Ion Ratio Lower Upper

104 100

78 55.5 42.2 63.2

103 55.0 43.4 65.2

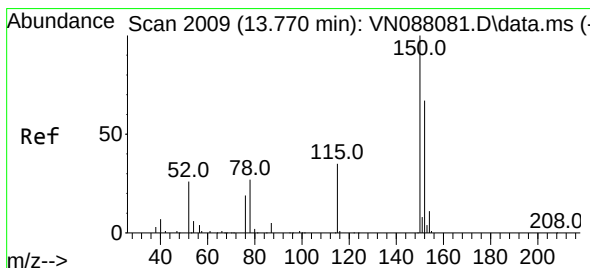
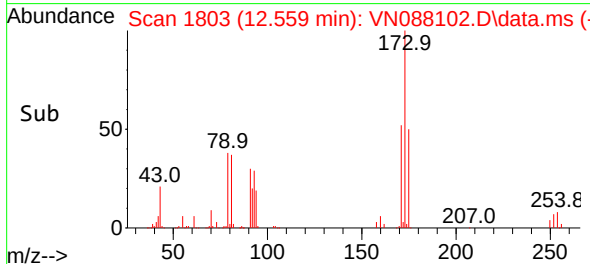
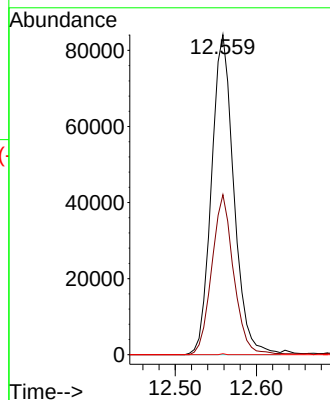
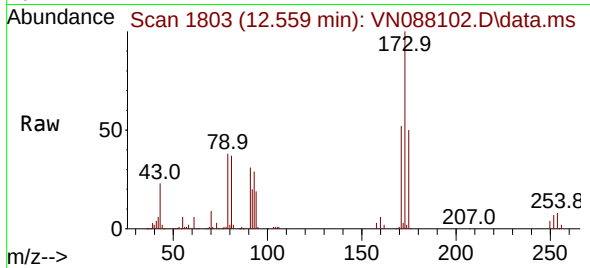




#71
Bromoform
Concen: 55.533 ug/l
RT: 12.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

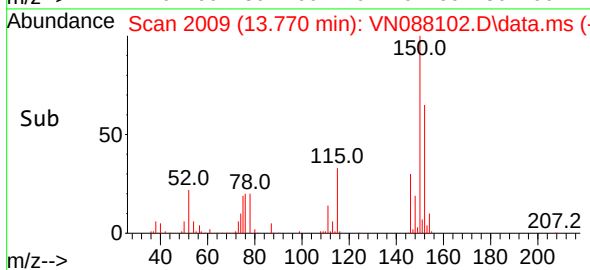
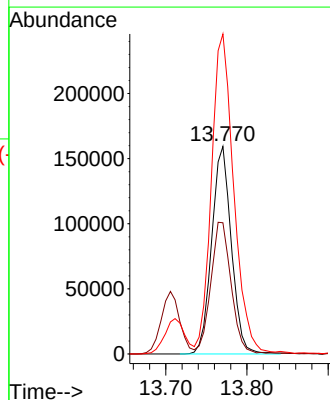
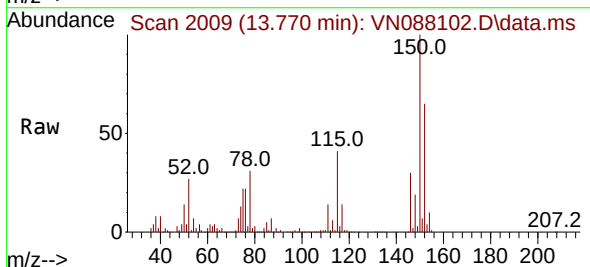
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

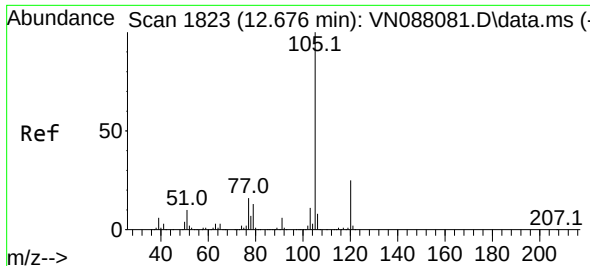
Tgt Ion:173 Resp: 160954
Ion Ratio Lower Upper
173 100
175 49.1 24.9 74.6
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion:152 Resp: 267876
Ion Ratio Lower Upper
152 100
115 66.3 32.3 96.8
150 174.0 0.0 351.0

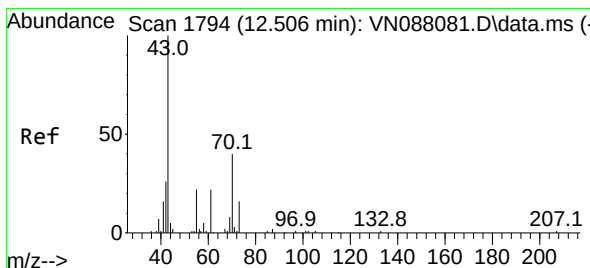
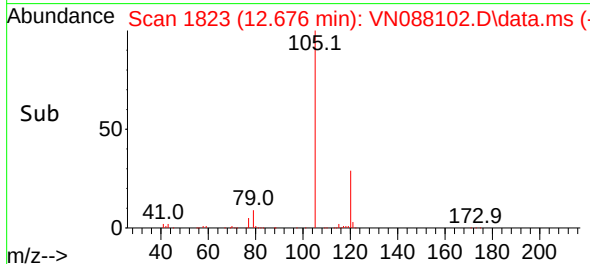
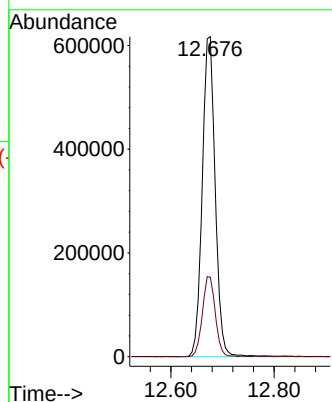
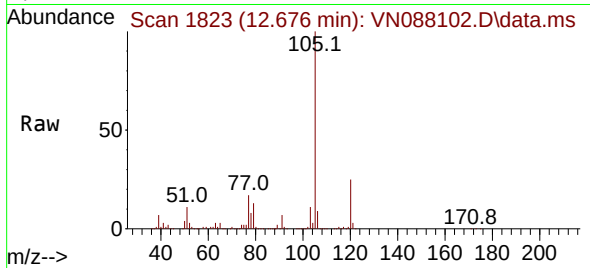




#73
Isopropylbenzene
Concen: 51.882 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

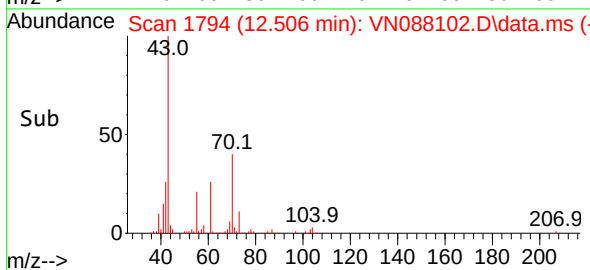
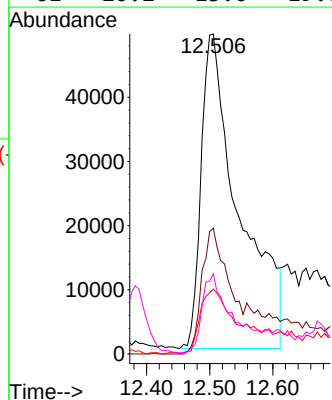
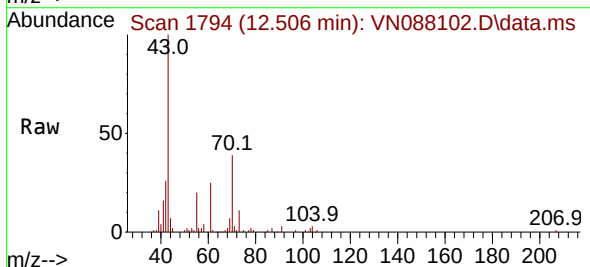
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

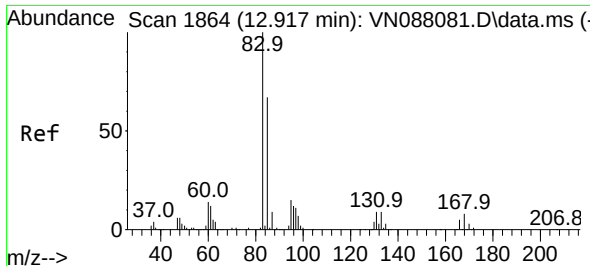
Tgt Ion:105 Resp: 1071906
Ion Ratio Lower Upper
105 100
120 25.0 12.8 38.3



#74
N-ethyl acetate
Concen: 34.984 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion: 43 Resp: 205180
Ion Ratio Lower Upper
43 100
70 28.6 27.6 41.4
55 20.0 13.0 19.6#
61 20.2 13.0 19.6#

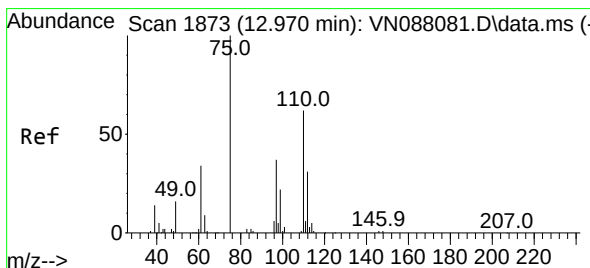
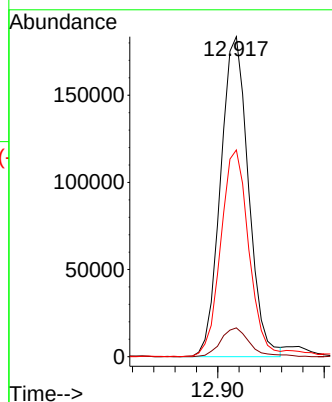
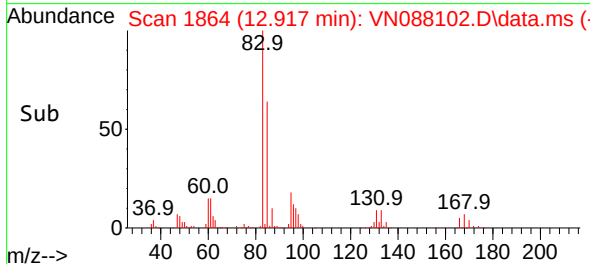
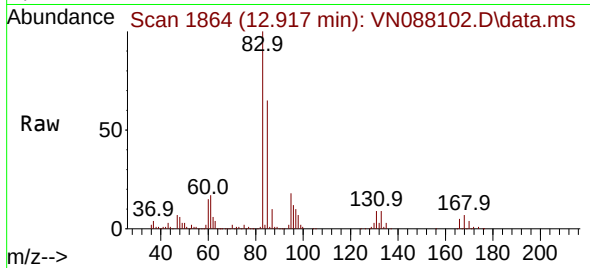




#75
1,1,2,2-Tetrachloroethane
Concen: 51.889 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

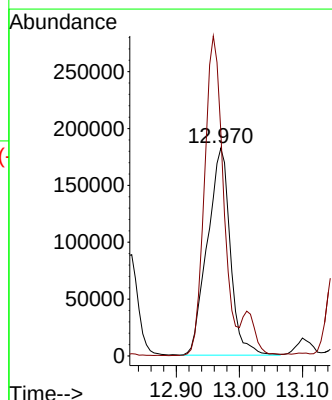
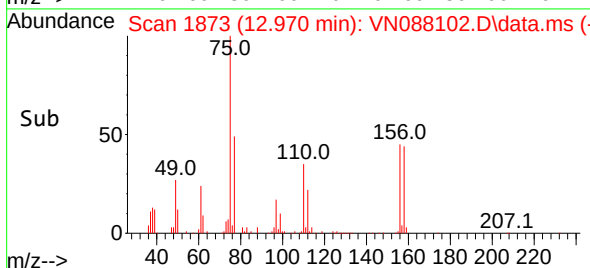
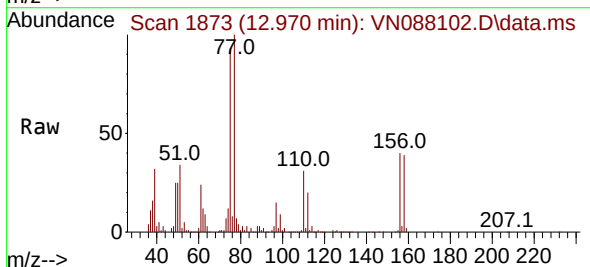
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

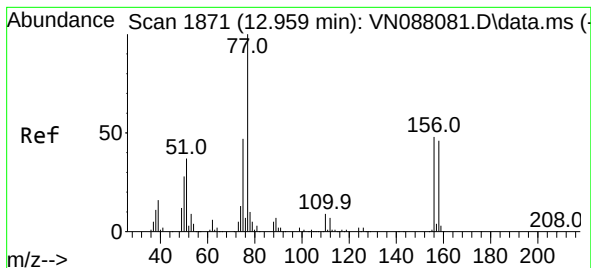
Tgt Ion: 83 Resp: 333767
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 64.9 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 75.042 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion: 75 Resp: 459591
Ion Ratio Lower Upper
75 100
77 126.9 89.1 267.4





#77

Bromobenzene

Concen: 53.320 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN088102.D

Acq: 27 Oct 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

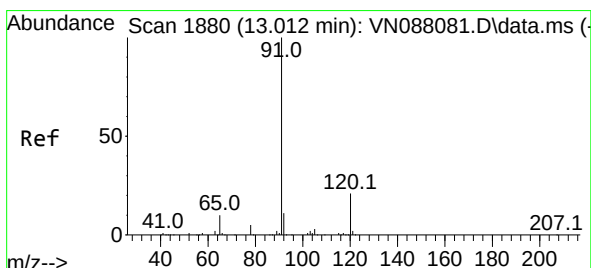
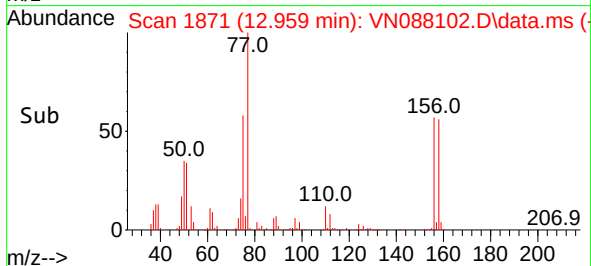
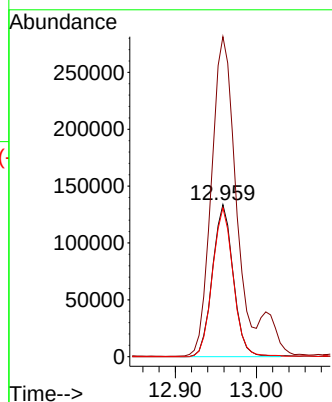
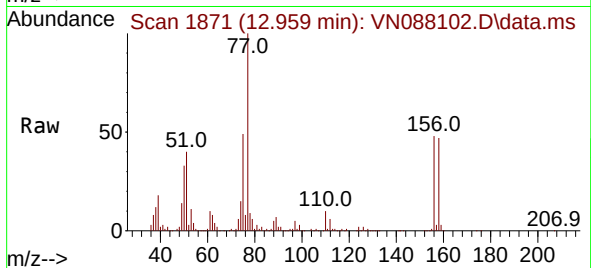
Tgt Ion:156 Resp: 237552

Ion Ratio Lower Upper

156 100

77 245.5 119.3 358.0

158 98.2 48.2 144.6



#78

n-propylbenzene

Concen: 52.780 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN088102.D

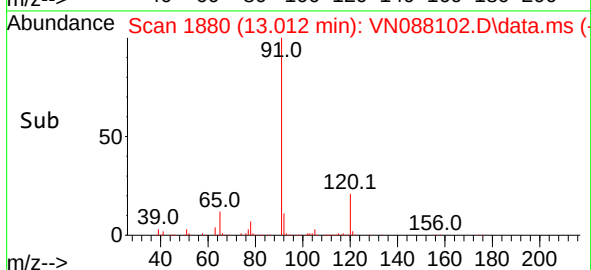
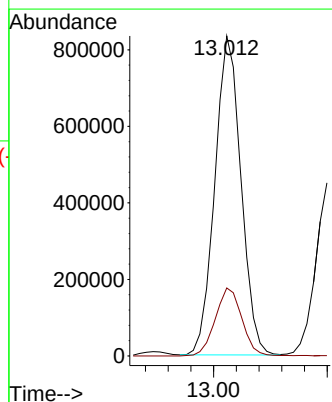
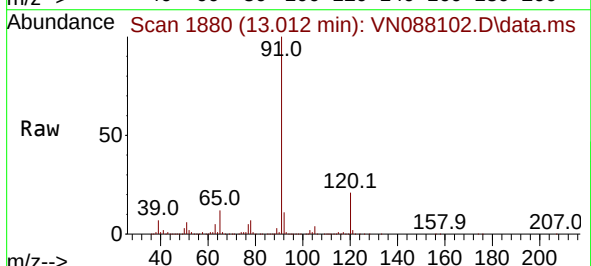
Acq: 27 Oct 2025 10:40

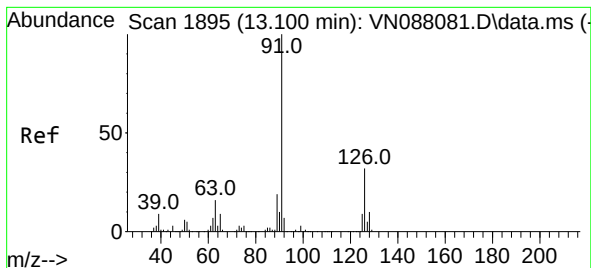
Tgt Ion: 91 Resp: 1330747

Ion Ratio Lower Upper

91 100

120 21.9 10.7 32.1





#79

2-Chlorotoluene

Concen: 54.685 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VN088102.D

Acq: 27 Oct 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

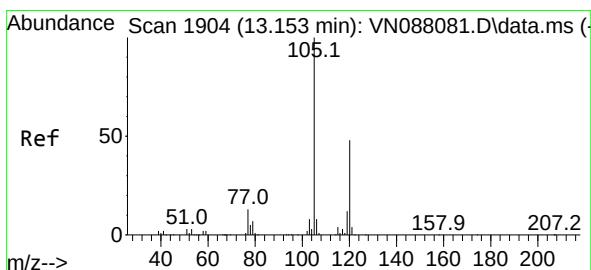
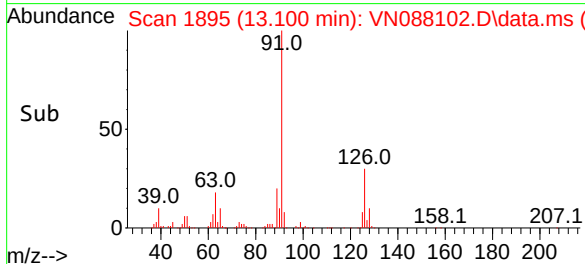
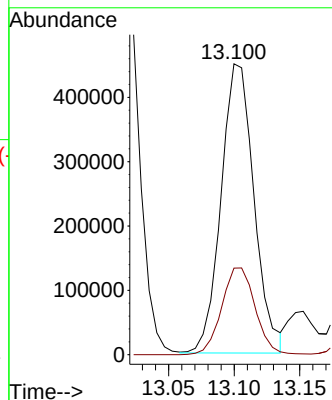
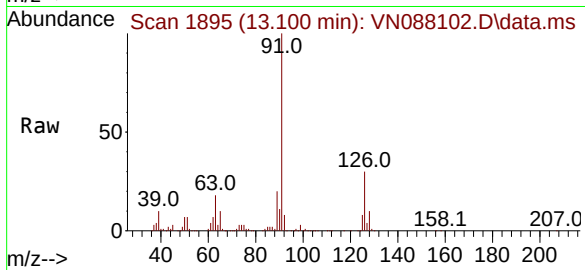
VSTDCCC050

Tgt Ion: 91 Resp: 786292

Ion Ratio Lower Upper

91 100

126 30.6 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 53.573 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VN088102.D

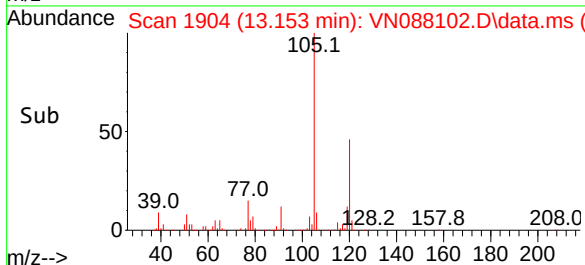
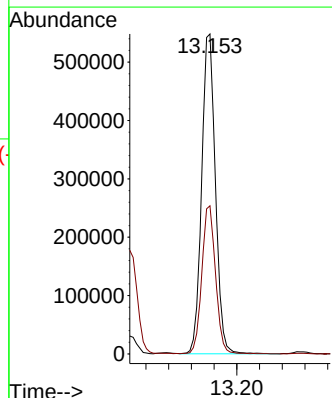
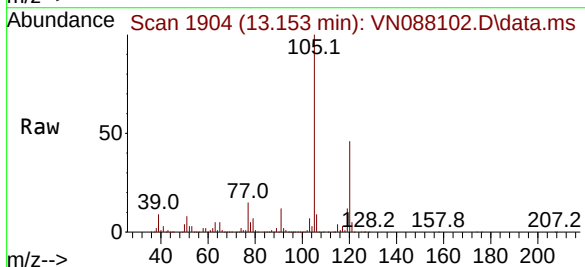
Acq: 27 Oct 2025 10:40

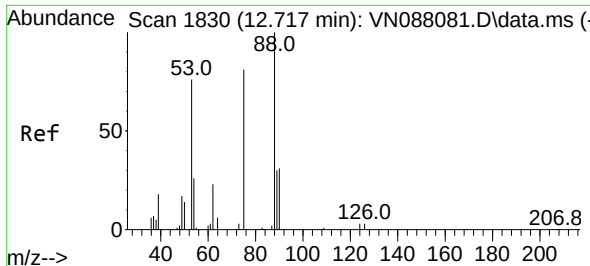
Tgt Ion:105 Resp: 919244

Ion Ratio Lower Upper

105 100

120 46.3 23.2 69.6

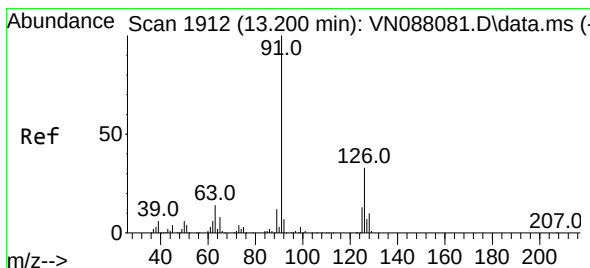
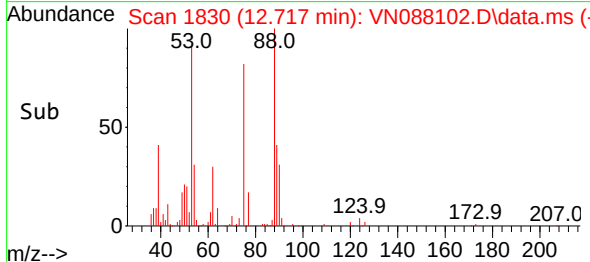
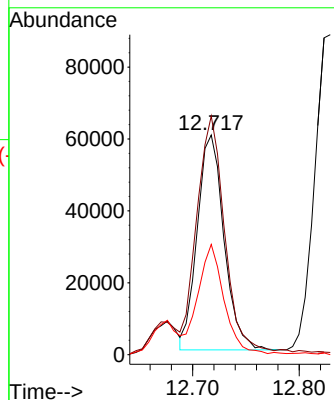
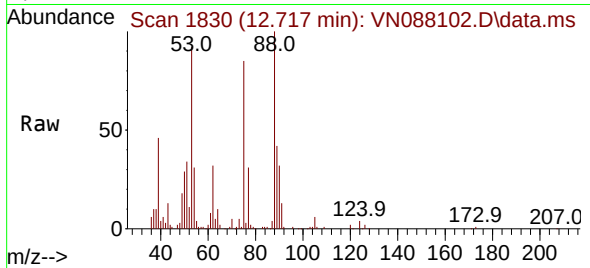




#81
trans-1,4-Dichloro-2-butene
Concen: 47.538 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

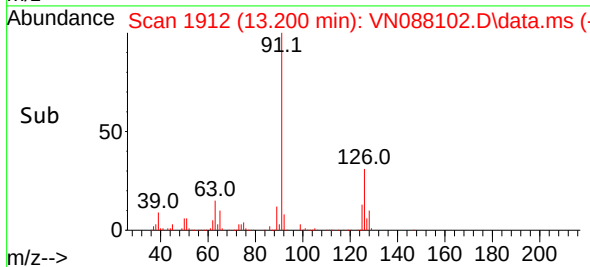
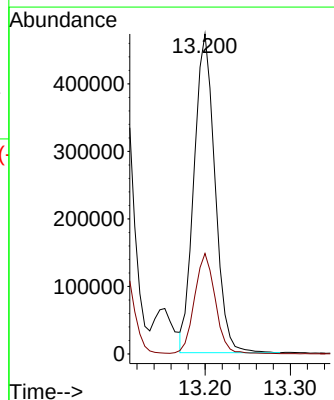
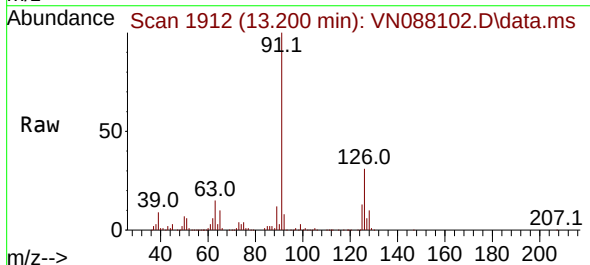
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

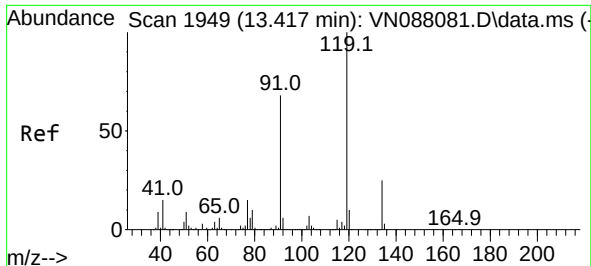
Tgt Ion: 75 Resp: 104371
Ion Ratio Lower Upper
75 100
53 115.7 101.8 152.6
89 49.9 35.6 53.4



#82
4-Chlorotoluene
Concen: 51.672 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion: 91 Resp: 803817
Ion Ratio Lower Upper
91 100
126 31.7 15.6 46.8

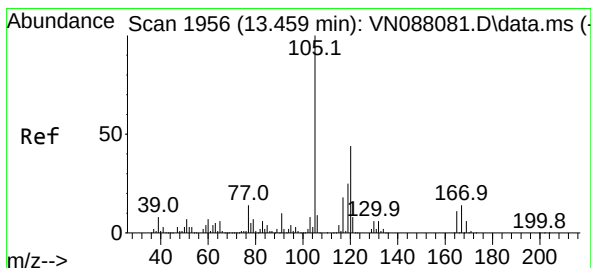
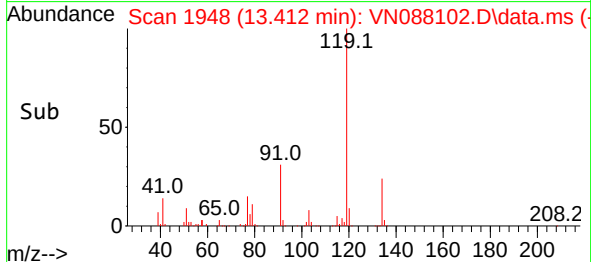
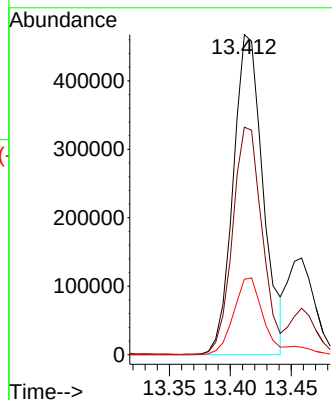
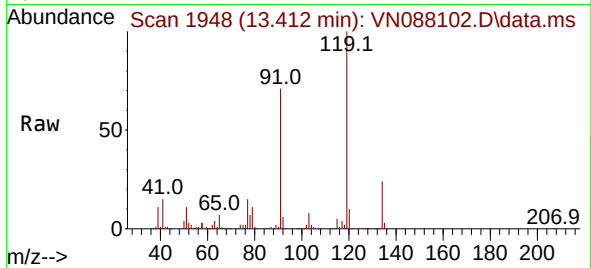




#83
 tert-Butylbenzene
 Concen: 52.227 ug/l
 RT: 13.412 min Scan# 1948
 Delta R.T. -0.006 min
 Lab File: VN088102.D
 Acq: 27 Oct 2025 10:40

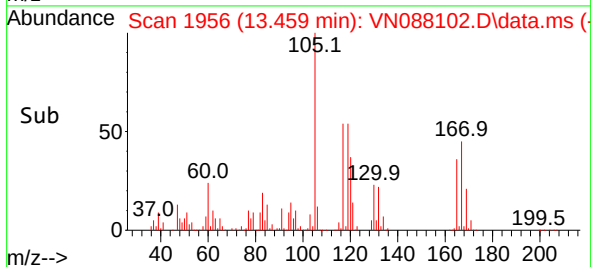
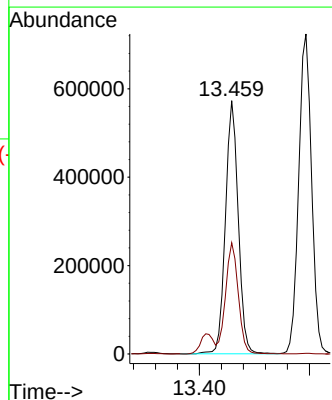
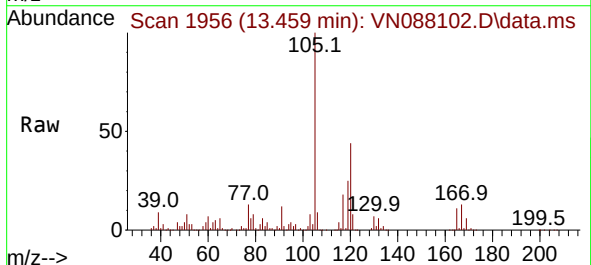
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

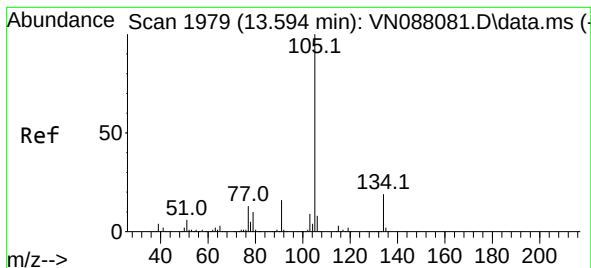
Tgt Ion:119 Resp: 800535
 Ion Ratio Lower Upper
 119 100
 91 70.0 35.0 105.0
 134 25.4 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 53.954 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN088102.D
 Acq: 27 Oct 2025 10:40

Tgt Ion:105 Resp: 926257
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 52.195 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN088102.D

Acq: 27 Oct 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

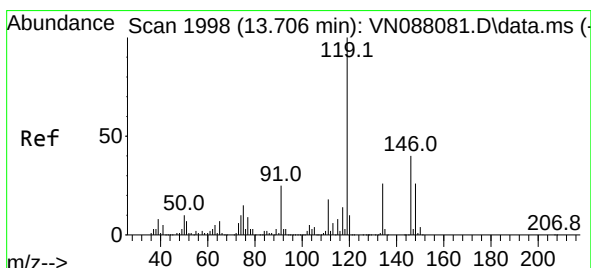
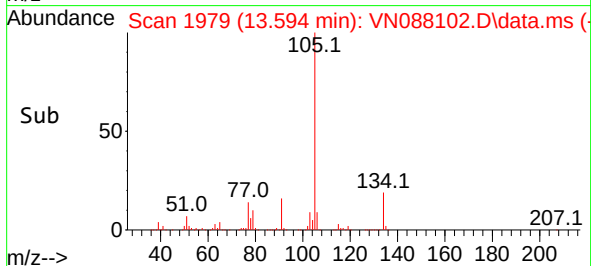
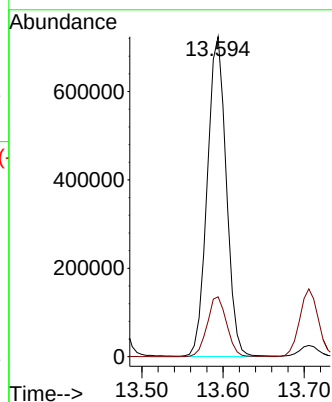
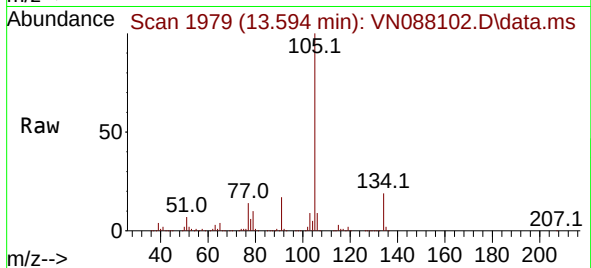
VSTDCCC050

Tgt Ion:105 Resp: 1175420

Ion Ratio Lower Upper

105 100

134 19.2 9.6 28.6



#86

p-Isopropyltoluene

Concen: 54.333 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN088102.D

Acq: 27 Oct 2025 10:40

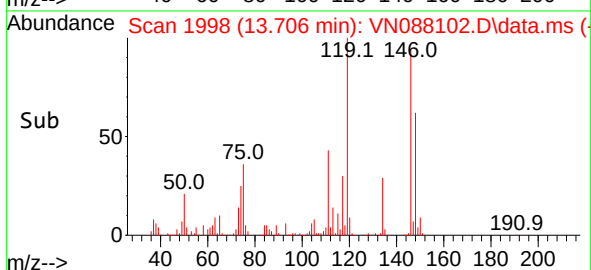
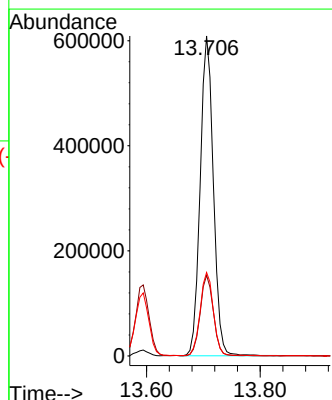
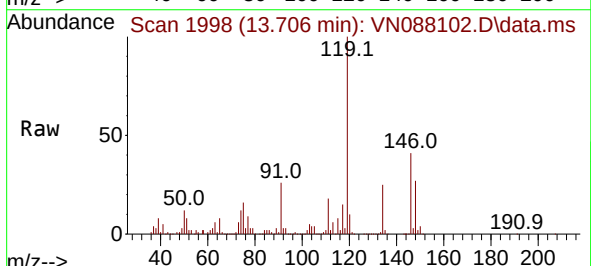
Tgt Ion:119 Resp: 981553

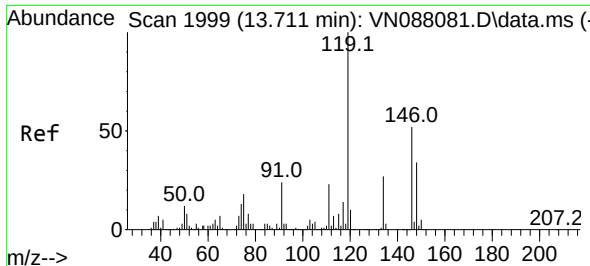
Ion Ratio Lower Upper

119 100

134 24.9 12.7 38.0

91 26.1 12.5 37.5

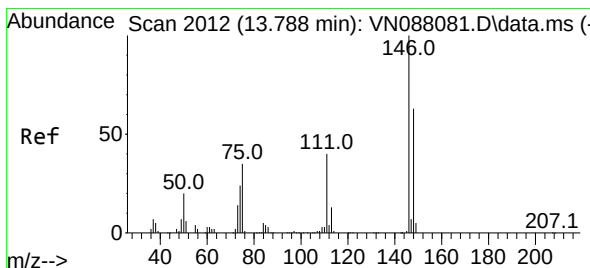
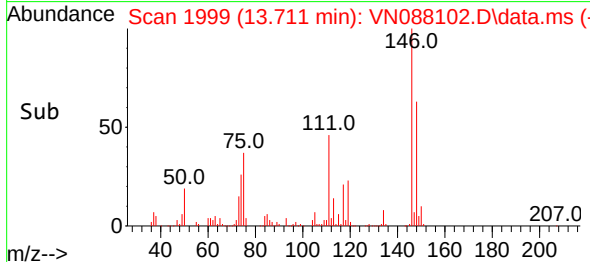
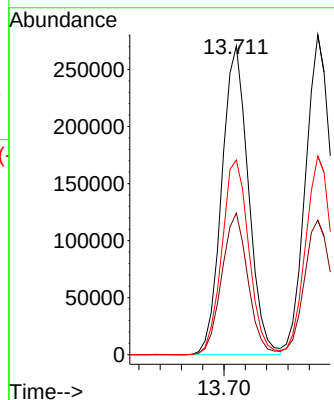
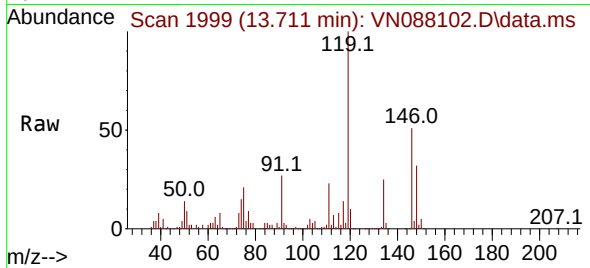




#87
 1,3-Dichlorobenzene
 Concen: 52.761 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN088102.D
 Acq: 27 Oct 2025 10:40

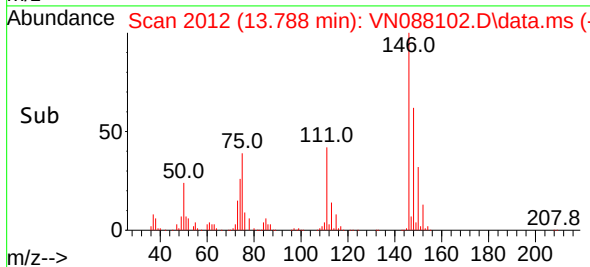
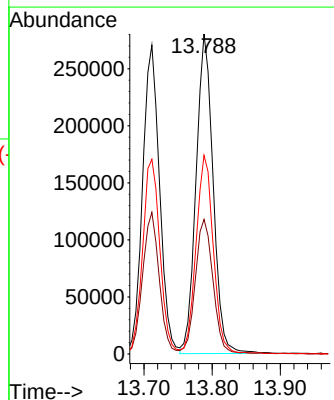
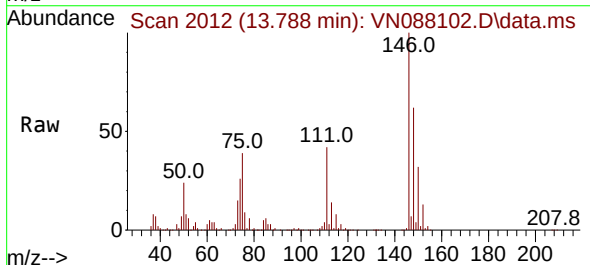
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

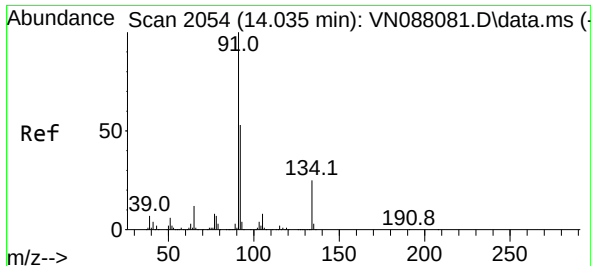
Tgt Ion:146 Resp: 469251
 Ion Ratio Lower Upper
 146 100
 111 45.2 22.1 66.5
 148 64.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 50.850 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN088102.D
 Acq: 27 Oct 2025 10:40

Tgt Ion:146 Resp: 485747
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.0 63.0
 148 63.0 32.0 96.0

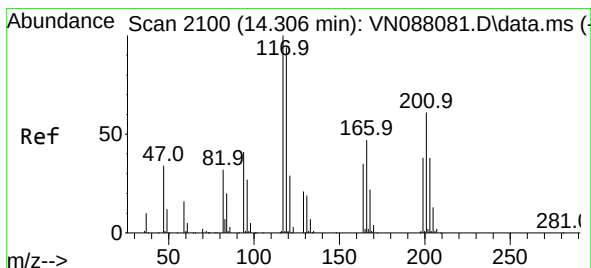
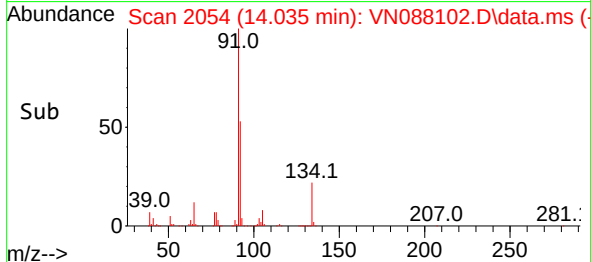
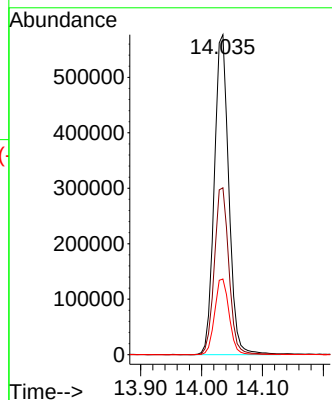
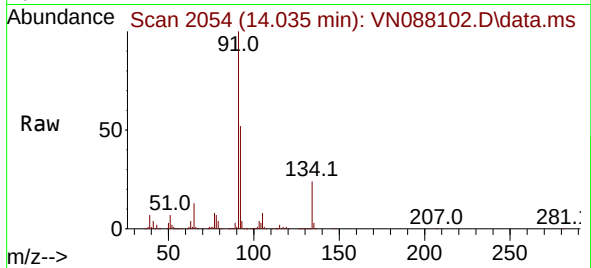




#89
n-Butylbenzene
Concen: 53.382 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

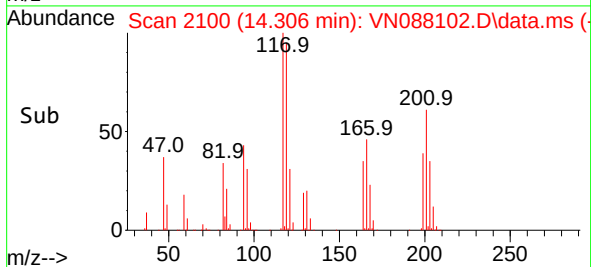
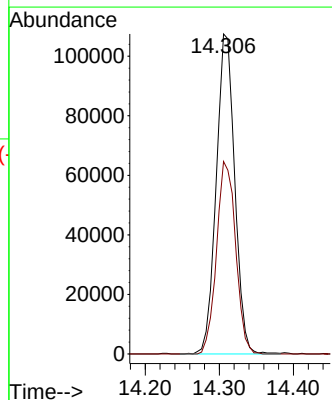
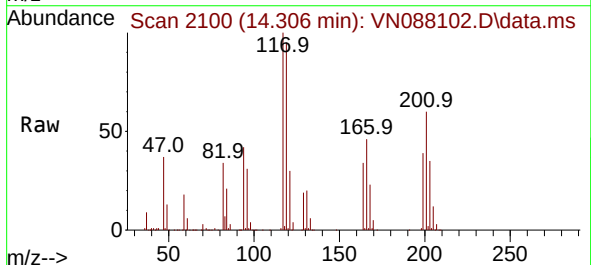
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

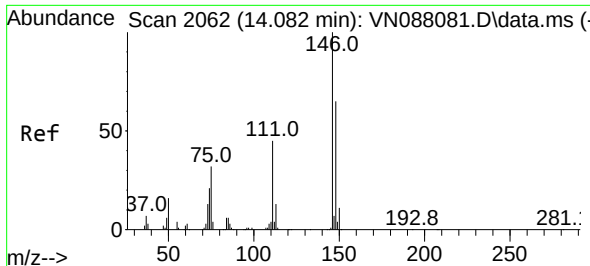
Tgt Ion: 91 Resp: 955257
Ion Ratio Lower Upper
91 100
92 52.4 25.9 77.8
134 23.7 11.7 35.0



#90
Hexachloroethane
Concen: 53.333 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion: 117 Resp: 186582
Ion Ratio Lower Upper
117 100
201 61.9 29.1 87.4

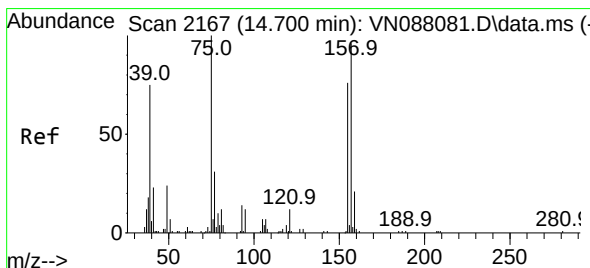
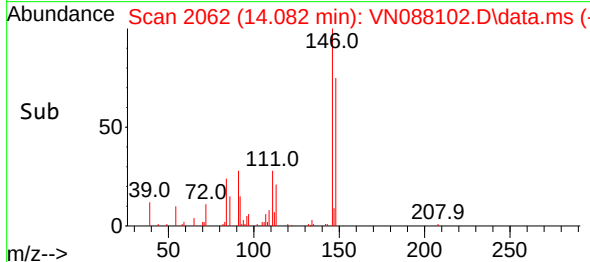
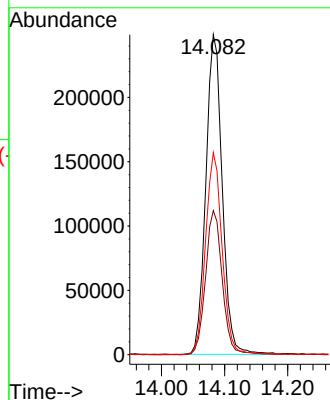
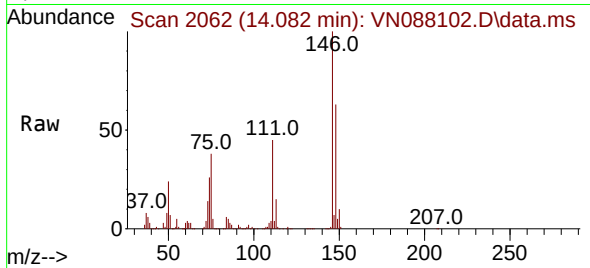




#91
 1,2-Dichlorobenzene
 Concen: 52.353 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN088102.D
 Acq: 27 Oct 2025 10:40

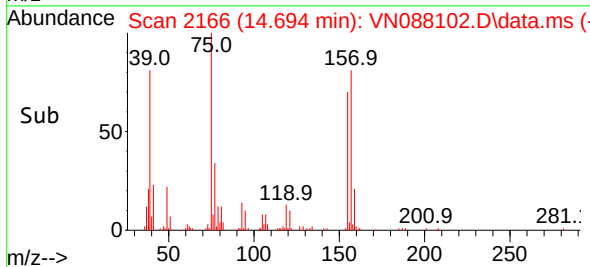
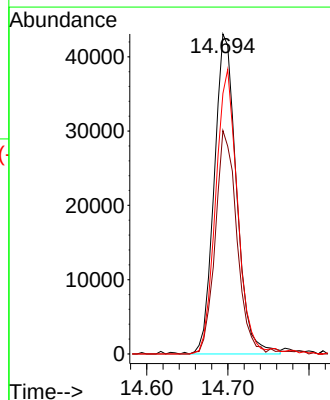
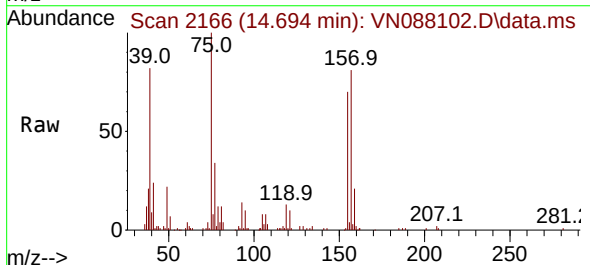
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

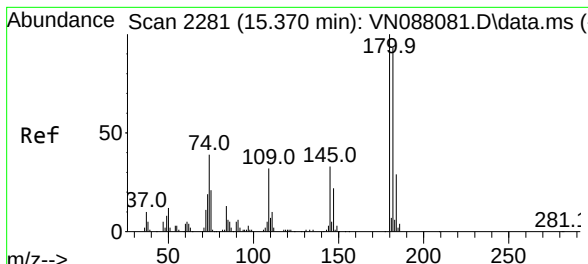
Tgt Ion:146 Resp: 448834
 Ion Ratio Lower Upper
 146 100
 111 46.1 22.6 67.8
 148 64.1 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.960 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VN088102.D
 Acq: 27 Oct 2025 10:40

Tgt Ion: 75 Resp: 82283
 Ion Ratio Lower Upper
 75 100
 155 68.4 36.6 109.9
 157 87.2 45.6 136.9

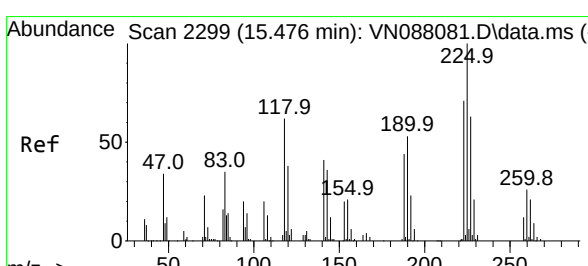
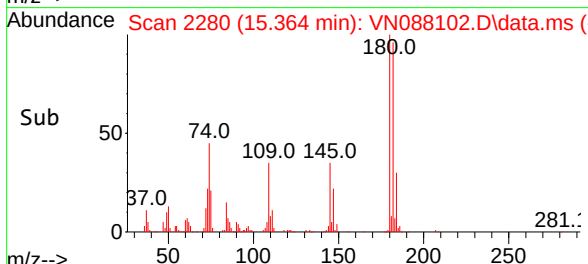
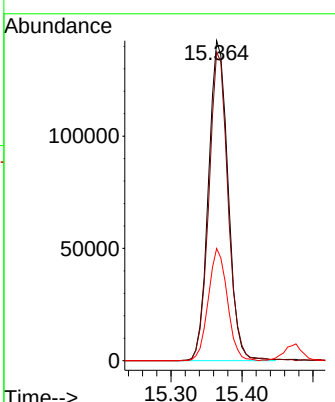
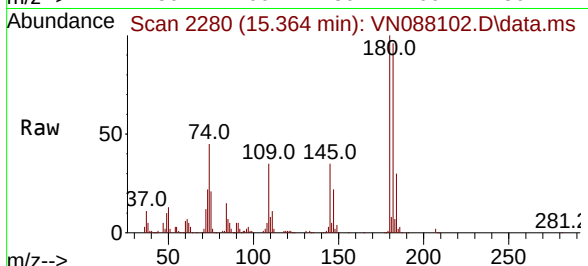




#93
 1,2,4-Trichlorobenzene
 Concen: 52.352 ug/l
 RT: 15.364 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN088102.D
 Acq: 27 Oct 2025 10:40

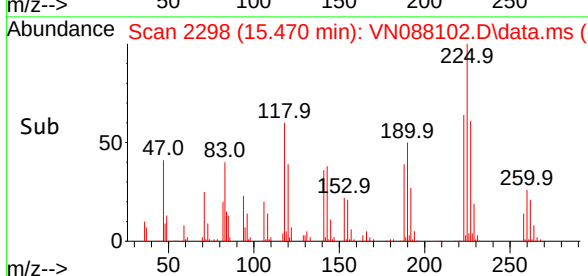
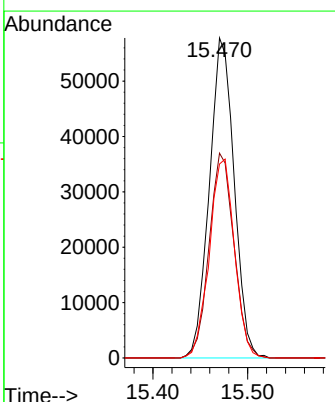
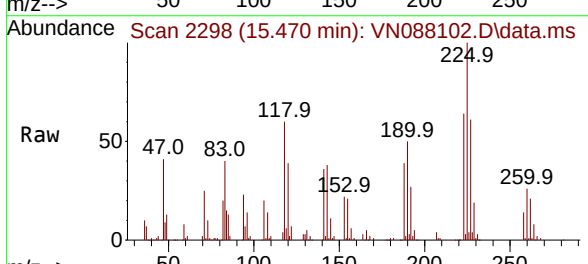
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

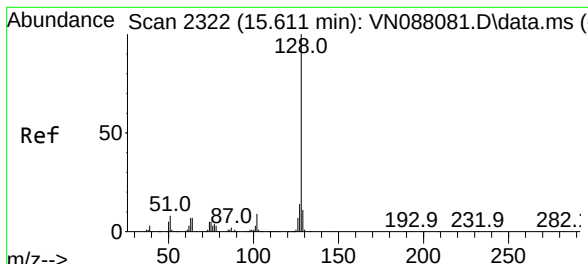
Tgt Ion:	180	Resp:	271820
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.6	142.9
145	34.1	16.5	49.5



#94
 Hexachlorobutadiene
 Concen: 54.412 ug/l
 RT: 15.470 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: VN088102.D
 Acq: 27 Oct 2025 10:40

Tgt Ion:	225	Resp:	105206
Ion Ratio	Lower	Upper	
225	100		
223	64.2	32.0	96.2
227	63.0	32.1	96.5

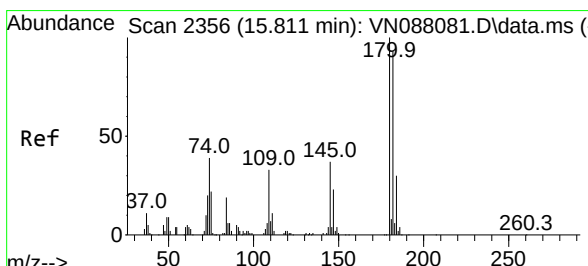
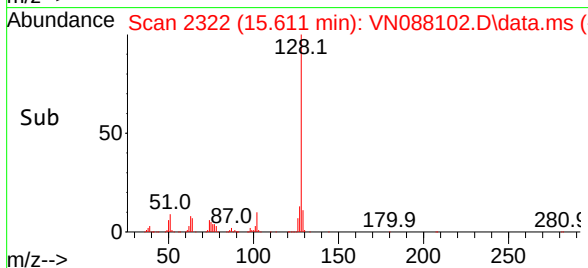
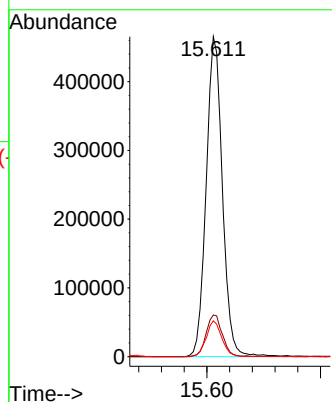
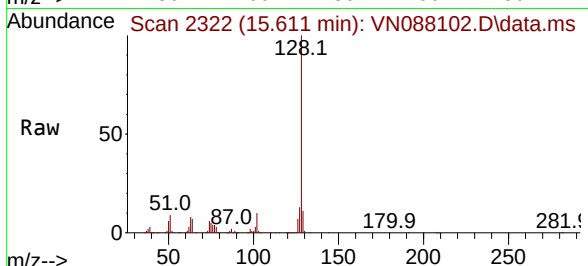




#95
Naphthalene
Concen: 51.678 ug/l
RT: 15.611 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	919189
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	10.8	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.880 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088102.D
Acq: 27 Oct 2025 10:40

Tgt Ion:	180	Resp:	258279
Ion Ratio	Lower	Upper	
180	100		
182	94.6	46.8	140.3
145	36.9	17.3	52.0

