

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
 Data File : VN088220.D
 Acq On : 06 Nov 2025 20:00
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Nov 07 02:27:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	311259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	612720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	560837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	291730	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	332957	61.861	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 123.720%	
35) Dibromofluoromethane	8.147	113	222993	54.173	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.340%	
50) Toluene-d8	10.541	98	826024	52.080	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.160%	
62) 4-Bromofluorobenzene	12.829	95	336679	60.106	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 120.220%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	156617	44.608	ug/l	100
3) Chloromethane	2.383	50	191075	46.259	ug/l	99
4) Vinyl Chloride	2.536	62	205737	45.714	ug/l	97
5) Bromomethane	2.971	94	117218	43.545	ug/l	99
6) Chloroethane	3.136	64	137356	42.360	ug/l	97
7) Trichlorofluoromethane	3.512	101	311520	43.398	ug/l	97
8) Diethyl Ether	3.965	74	132292	49.588	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	160395	43.303	ug/l	95
10) Methyl Iodide	4.583	142	180605	53.353	ug/l	97
11) Tert butyl alcohol	5.524	59	242181	261.180	ug/l	99
12) 1,1-Dichloroethene	4.336	96	165085	42.197	ug/l	94
13) Acrolein	4.177	56	181325	173.849	ug/l	98
14) Allyl chloride	5.012	41	328679	47.932	ug/l	98
15) Acrylonitrile	5.706	53	673960	266.830	ug/l	99
16) Acetone	4.424	43	639159	236.375	ug/l	96
17) Carbon Disulfide	4.706	76	506559	42.595	ug/l	97
18) Methyl Acetate	5.018	43	310006	56.000	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	769170	53.536	ug/l	100
20) Methylene Chloride	5.265	84	216980	47.803	ug/l	93
21) trans-1,2-Dichloroethene	5.771	96	196611	45.785	ug/l	97
22) Diisopropyl ether	6.659	45	773160	53.614	ug/l	99
23) Vinyl Acetate	6.589	43	3508837	270.115	ug/l	98
24) 1,1-Dichloroethane	6.559	63	412785	51.674	ug/l	98
25) 2-Butanone	7.471	43	947835	265.986	ug/l	99
26) 2,2-Dichloropropane	7.471	77	327419	45.103	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	249182	50.405	ug/l	96
28) Bromochloromethane	7.794	49	219502	58.154	ug/l	98
29) Tetrahydrofuran	7.824	42	618859	266.482	ug/l	99
30) Chloroform	7.947	83	414283	51.912	ug/l	99
31) Cyclohexane	8.236	56	323570	42.947	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	346036	48.684	ug/l	99
36) 1,1-Dichloropropene	8.353	75	279213	46.456	ug/l	99
37) Ethyl Acetate	7.547	43	378310	48.776	ug/l	98
38) Carbon Tetrachloride	8.341	117	291256	46.919	ug/l	95
39) Methylcyclohexane	9.582	83	285578	36.966	ug/l	100
40) Benzene	8.588	78	868586	47.454	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	200824	49.195	ug/l	97
42) 1,2-Dichloroethane	8.653	62	344003	52.894	ug/l	99
43) Isopropyl Acetate	8.671	43	628910	52.769	ug/l	100
44) Trichloroethene	9.330	130	196746	45.987	ug/l	97
45) 1,2-Dichloropropane	9.600	63	225914	48.889	ug/l	100
46) Dibromomethane	9.688	93	163453	49.596	ug/l	98
47) Bromodichloromethane	9.871	83	340660	51.627	ug/l	97
48) Methyl methacrylate	9.659	41	302062	54.896	ug/l	98
49) 1,4-Dioxane	9.677	88	68653	1003.176	ug/l #	100
51) 4-Methyl-2-Pentanone	10.424	43	1918398	272.088	ug/l	100
52) Toluene	10.606	92	531474	47.095	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	362179	51.572	ug/l	100
54) cis-1,3-Dichloropropene	10.288	75	373886	50.171	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	211881	49.488	ug/l	95
56) Ethyl methacrylate	10.853	69	369943	54.600	ug/l	96
57) 1,3-Dichloropropane	11.141	76	384203	51.053	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	1052309	298.586	ug/l	100
59) 2-Hexanone	11.177	43	1316826	281.540	ug/l	98
60) Dibromochloromethane	11.335	129	246322	50.617	ug/l	99
61) 1,2-Dibromoethane	11.447	107	221855	50.349	ug/l	98
64) Tetrachloroethene	11.082	164	157906	42.684	ug/l	96
65) Chlorobenzene	11.871	112	586744	46.074	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	198281	47.524	ug/l	99
67) Ethyl Benzene	11.941	91	1028724	46.020	ug/l	98
68) m/p-Xylenes	12.047	106	772615	92.247	ug/l	100
69) o-Xylene	12.376	106	374412	47.157	ug/l	96
70) Styrene	12.388	104	652050	50.363	ug/l	97
71) Bromoform	12.559	173	158646	50.953	ug/l #	98
73) Isopropylbenzene	12.671	105	950266	42.233	ug/l	99
74) N-amyl acetate	12.500	43	175876	27.535	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.918	83	326812	46.653	ug/l	98
76) 1,2,3-Trichloropropane	12.971	75	439339	65.869	ug/l	65
77) Bromobenzene	12.959	156	225908	46.560	ug/l	95
78) n-propylbenzene	13.012	91	1149246	41.854	ug/l	98
79) 2-Chlorotoluene	13.100	91	723382	46.196	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	789422	42.245	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	110362	46.157	ug/l	91
82) 4-Chlorotoluene	13.200	91	749888	44.263	ug/l	99
83) tert-Butylbenzene	13.412	119	661556	39.631	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	818932	43.802	ug/l	99
85) sec-Butylbenzene	13.594	105	906365	36.957	ug/l	100
86) p-Isopropyltoluene	13.706	119	770231	39.149	ug/l	97
87) 1,3-Dichlorobenzene	13.712	146	422401	43.610	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	436135	41.923	ug/l	98
89) n-Butylbenzene	14.035	91	713276	36.600	ug/l	99
90) Hexachloroethane	14.312	117	139240	36.546	ug/l	92
91) 1,2-Dichlorobenzene	14.082	146	411684	44.093	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.694	75	77033	47.246	ug/l	90
93) 1,2,4-Trichlorobenzene	15.364	180	207932	36.773	ug/l	99
94) Hexachlorobutadiene	15.470	225	65328	31.024	ug/l	98
95) Naphthalene	15.612	128	797648	41.178	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	192723	35.546	ug/l	97

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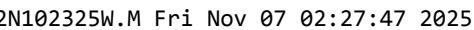
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

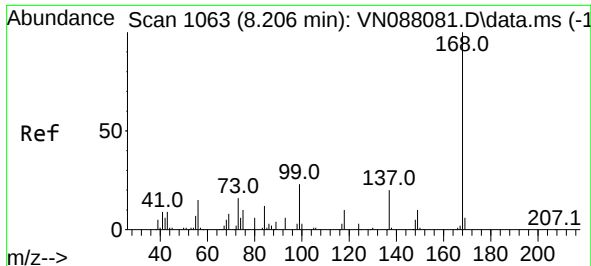
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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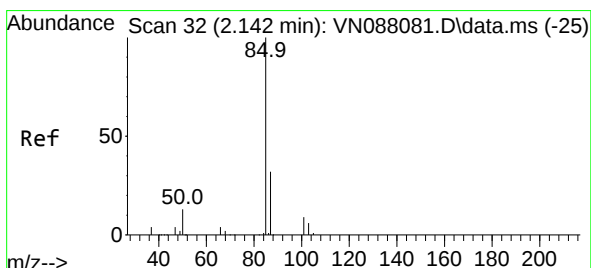
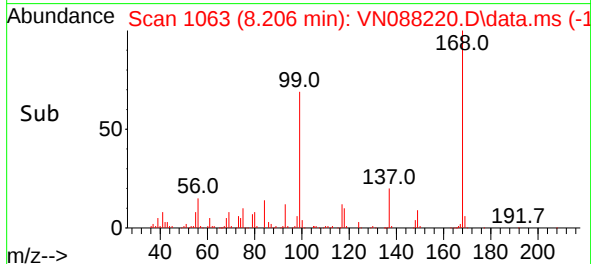
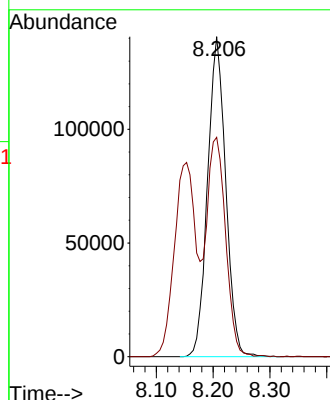
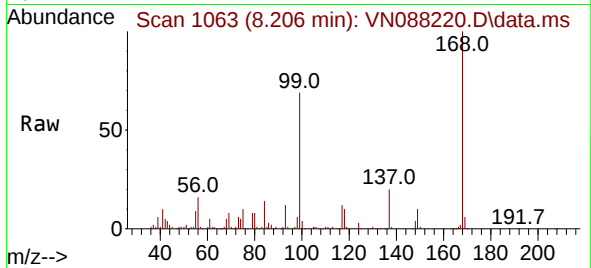




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

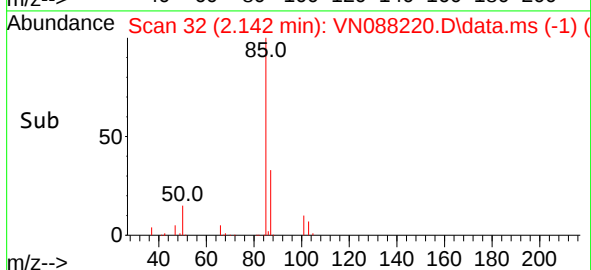
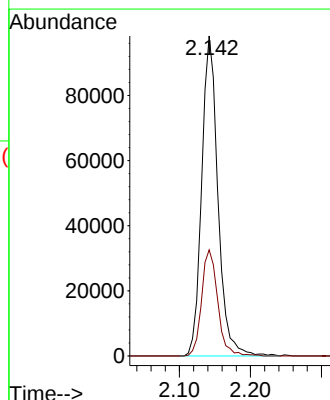
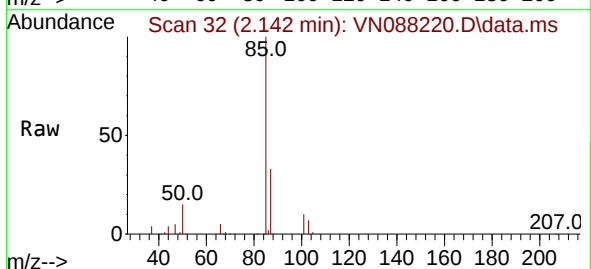
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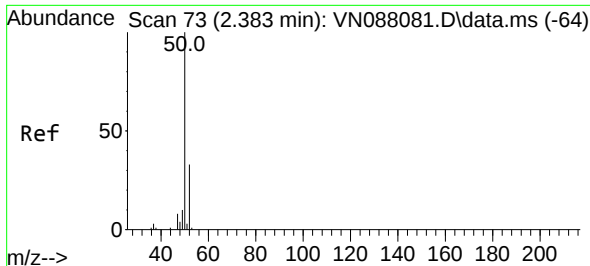
Tgt Ion:168 Resp: 311259
Ion Ratio Lower Upper
168 100
99 68.5 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 44.608 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 85 Resp: 156617
Ion Ratio Lower Upper
85 100
87 33.2 16.6 49.8

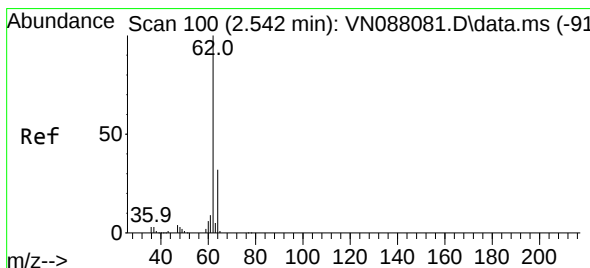
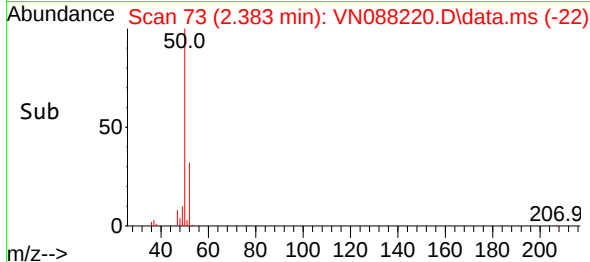
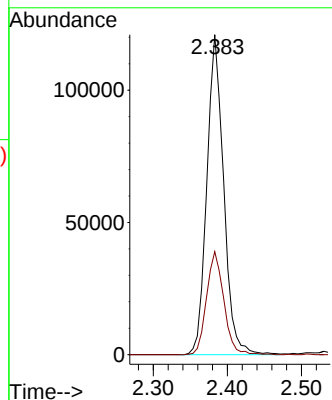
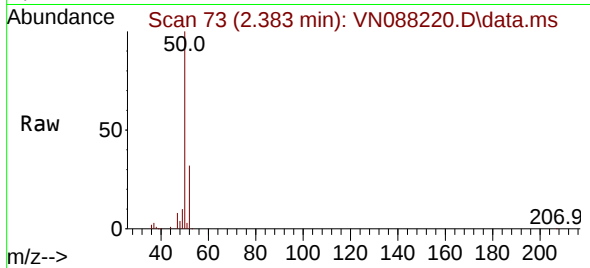




#3
Chloromethane
Concen: 46.259 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

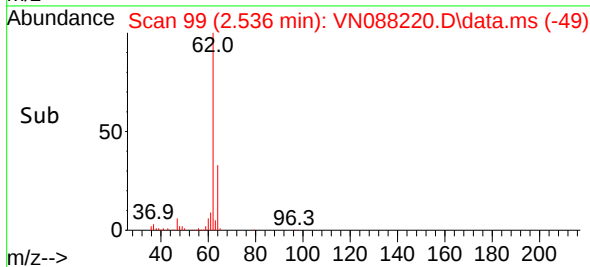
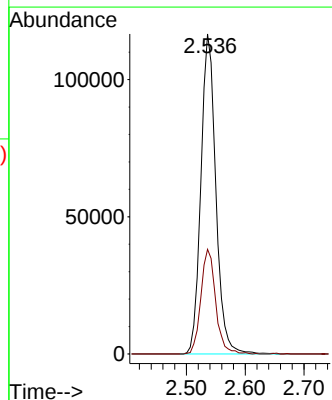
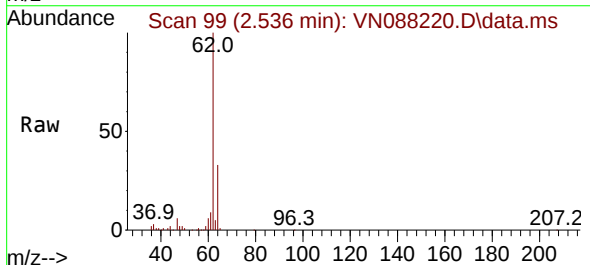
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ClientSampleId :
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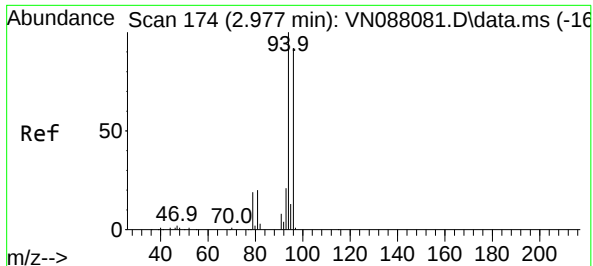
Tgt Ion: 50 Resp: 191075
Ion Ratio Lower Upper
50 100
52 32.2 26.2 39.4



#4
Vinyl Chloride
Concen: 45.714 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 62 Resp: 205737
Ion Ratio Lower Upper
62 100
64 32.7 24.6 37.0

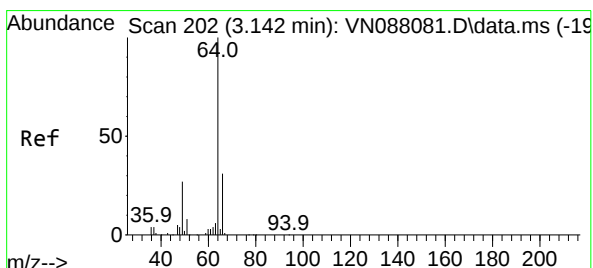
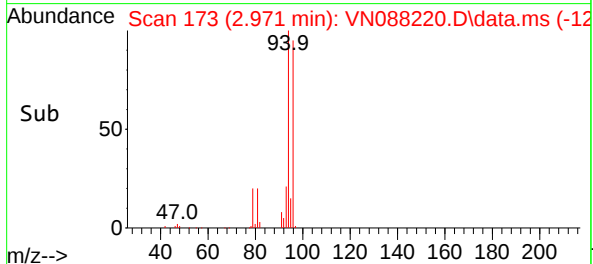
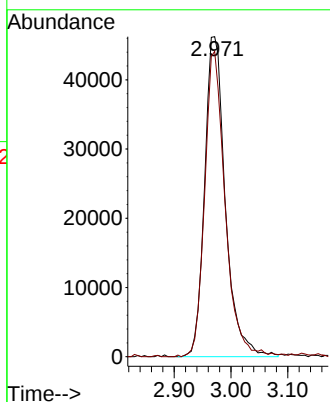
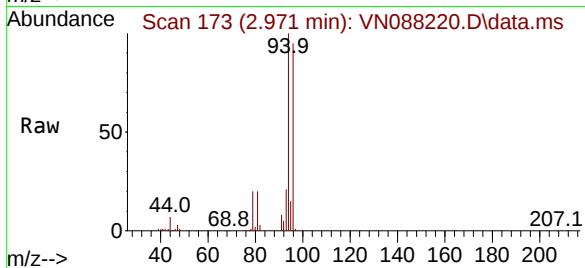




#5
Bromomethane
Concen: 43.545 ug/l
RT: 2.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

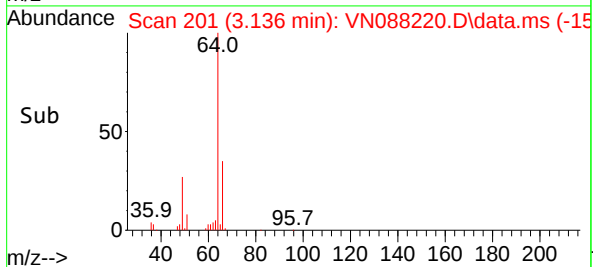
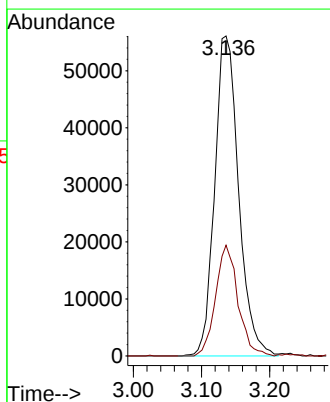
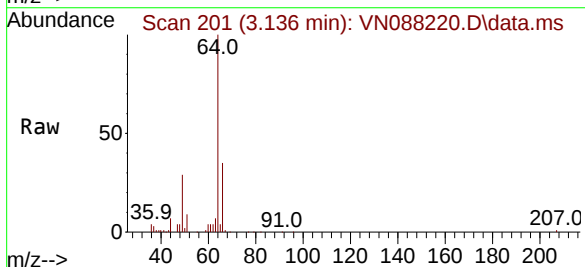
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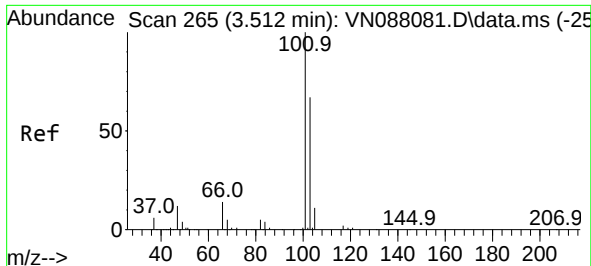
Tgt Ion: 94 Resp: 117218
Ion Ratio Lower Upper
94 100
96 94.9 75.4 113.2



#6
Chloroethane
Concen: 42.360 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 64 Resp: 137356
Ion Ratio Lower Upper
64 100
66 34.6 26.2 39.2

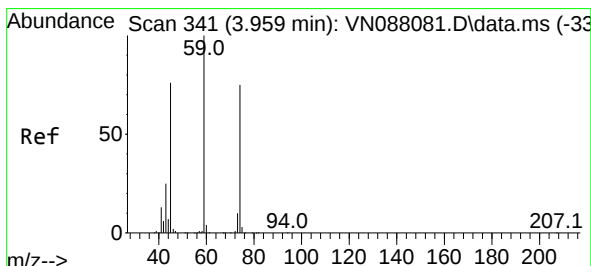
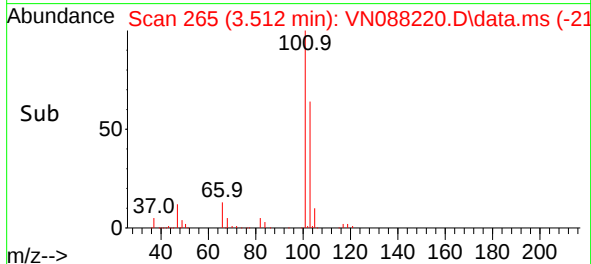
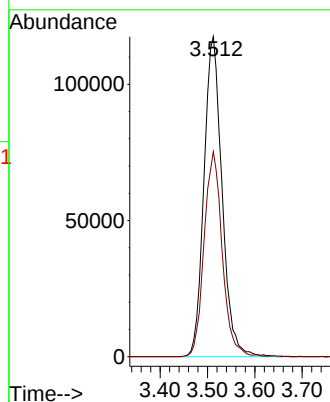
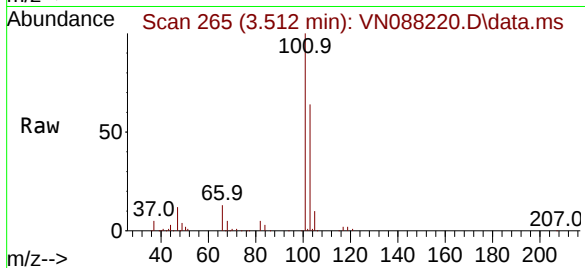




#7
Trichlorofluoromethane
Concen: 43.398 ug/l
RT: 3.512 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

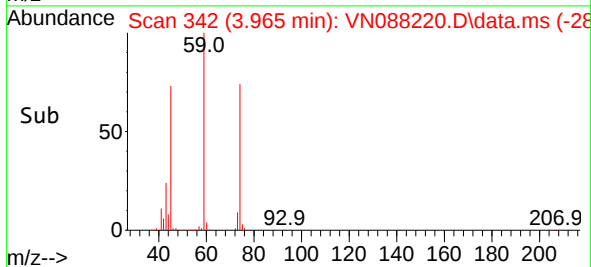
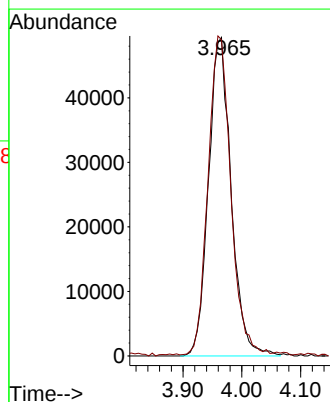
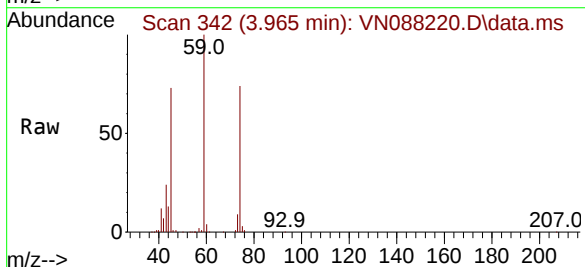
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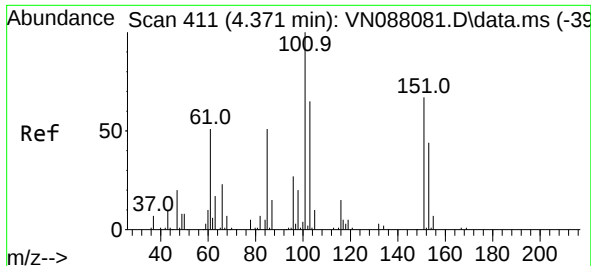
Tgt Ion:101 Resp: 311520
Ion Ratio Lower Upper
101 100
103 64.1 49.4 74.0



#8
Diethyl Ether
Concen: 49.588 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 74 Resp: 132292
Ion Ratio Lower Upper
74 100
45 100.4 50.6 151.9

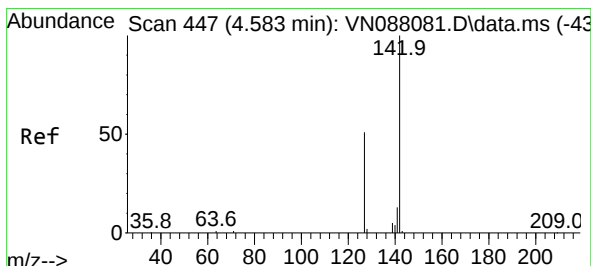
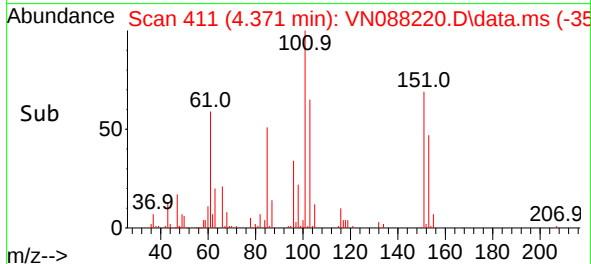
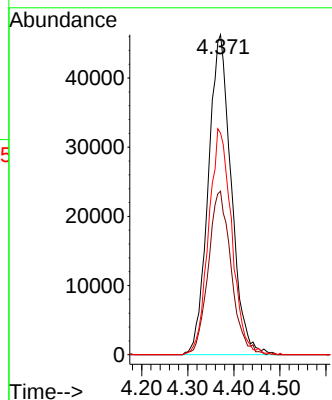
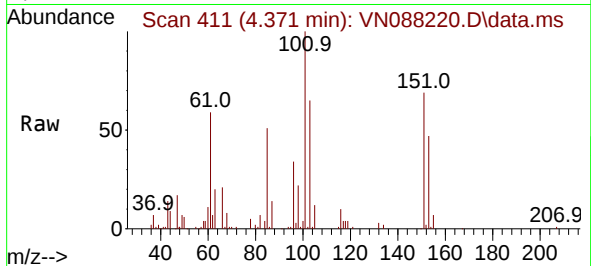




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.303 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

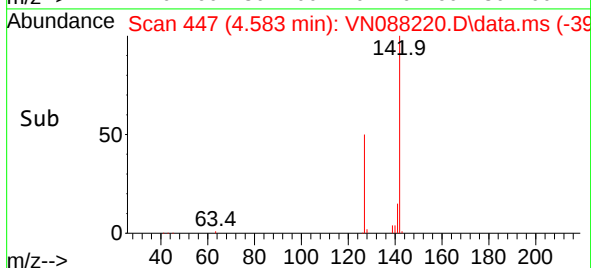
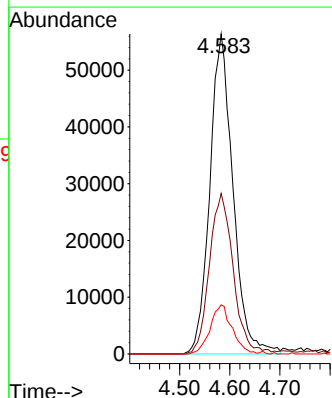
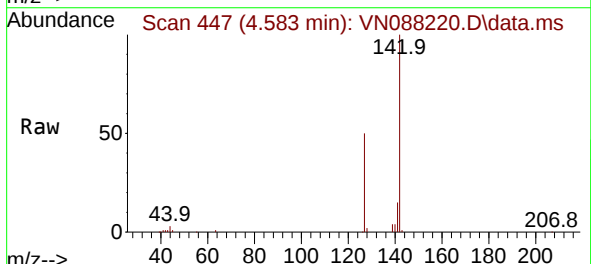
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

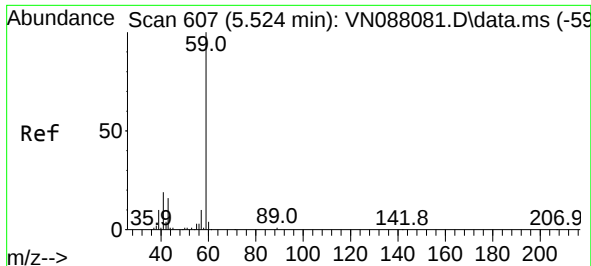
Tgt Ion:101 Resp: 160395
Ion Ratio Lower Upper
101 100
85 50.9 36.6 55.0
151 70.6 54.7 82.1



#10
Methyl Iodide
Concen: 53.353 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion:142 Resp: 180605
Ion Ratio Lower Upper
142 100
127 50.2 38.0 57.0
141 15.4 12.0 18.0

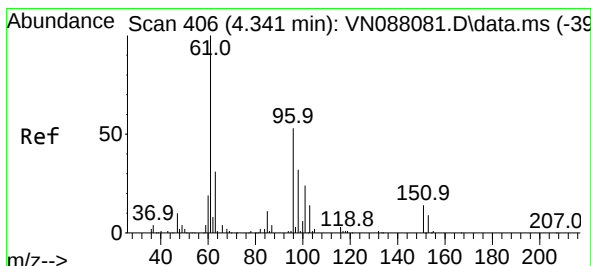
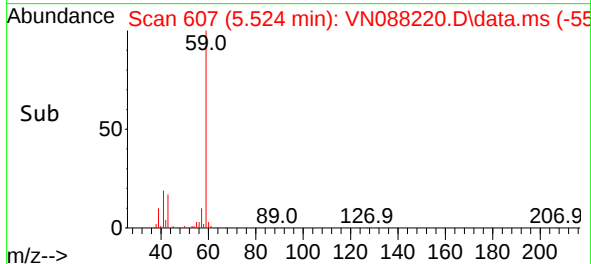
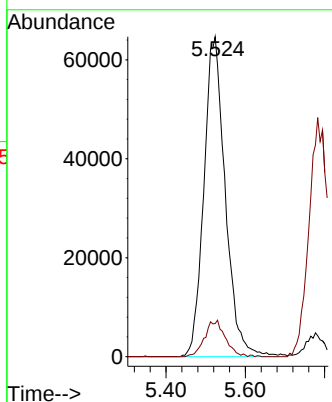
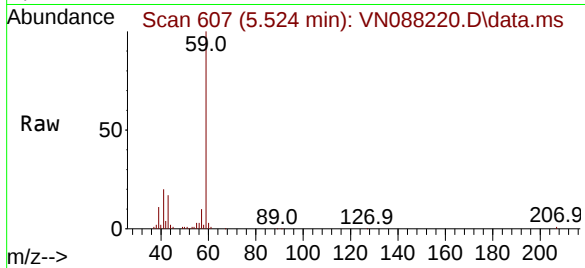




#11
Tert butyl alcohol
Concen: 261.180 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

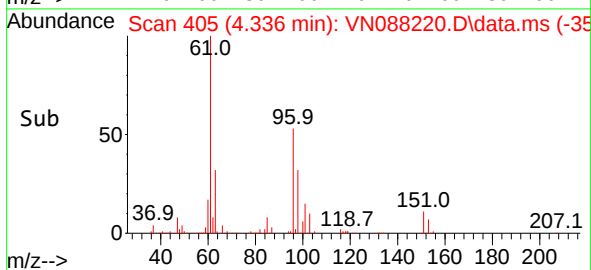
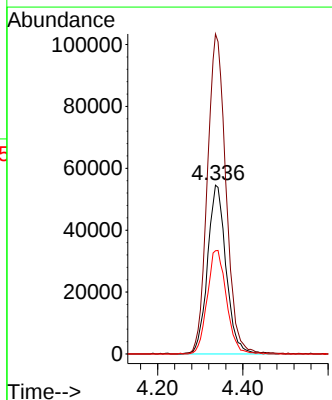
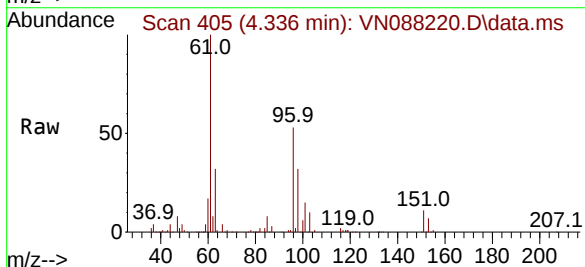
Instrument :
MSVOA_N
ClientSampleId :
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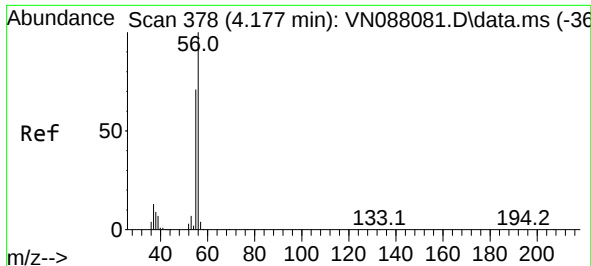
Tgt Ion: 59 Resp: 242181
Ion Ratio Lower Upper
59 100
57 10.9 9.0 13.4



#12
1,1-Dichloroethene
Concen: 42.197 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 96 Resp: 165085
Ion Ratio Lower Upper
96 100
61 189.5 143.8 215.8
98 61.1 52.1 78.1

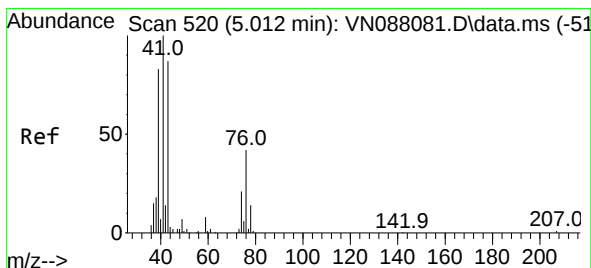
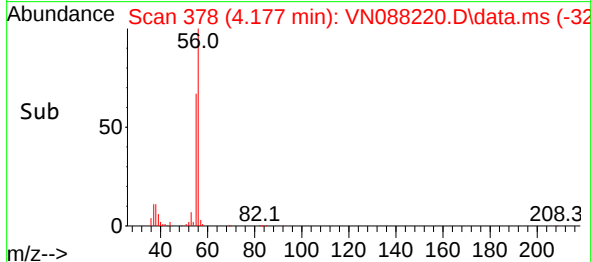
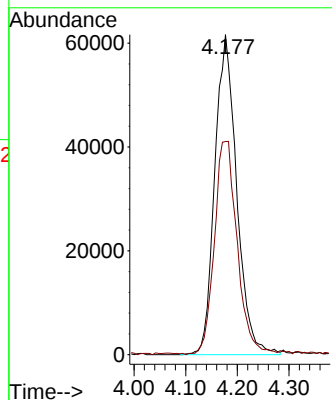
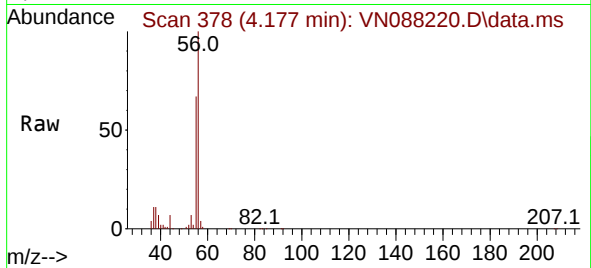




#13
Acrolein
Concen: 173.849 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

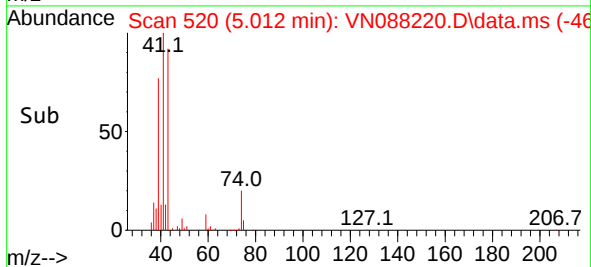
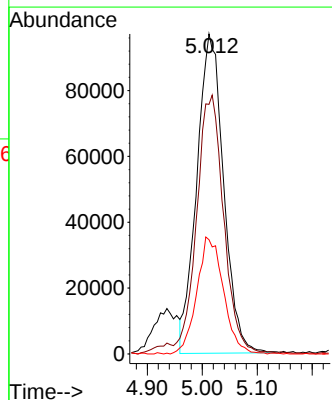
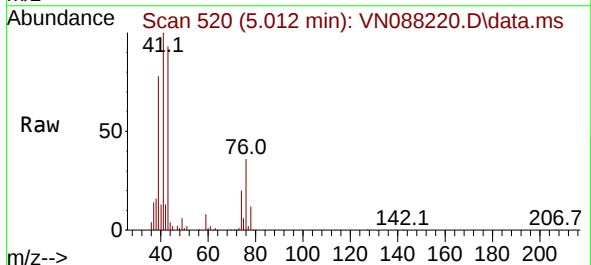
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

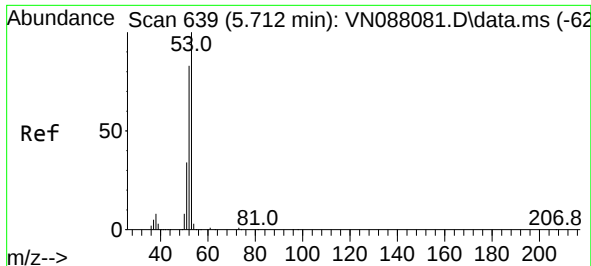
Tgt Ion: 56 Resp: 181325
Ion Ratio Lower Upper
56 100
55 69.7 57.3 85.9



#14
Allyl chloride
Concen: 47.932 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 41 Resp: 328679
Ion Ratio Lower Upper
41 100
39 81.1 63.9 95.9
76 36.3 28.1 42.1

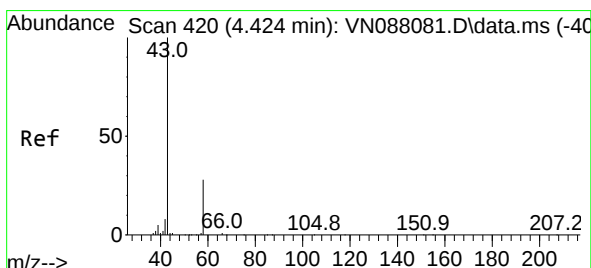
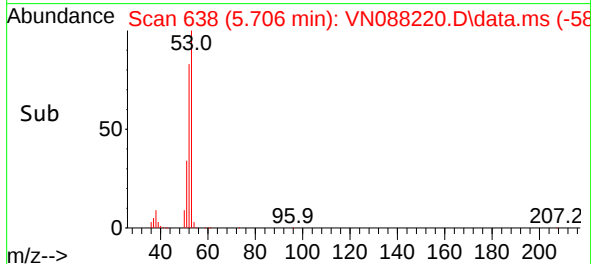
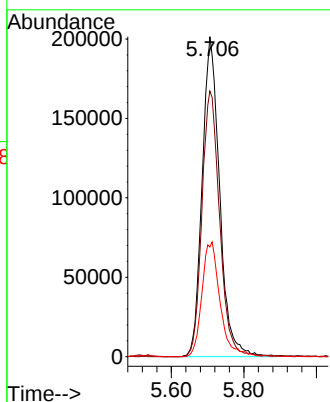
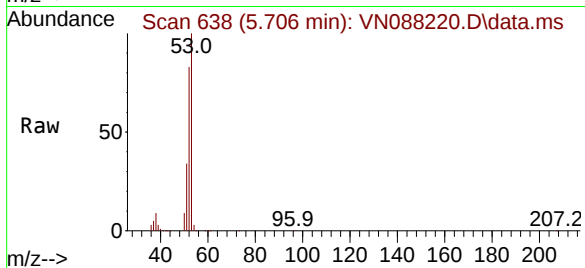




#15
Acrylonitrile
Concen: 266.830 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

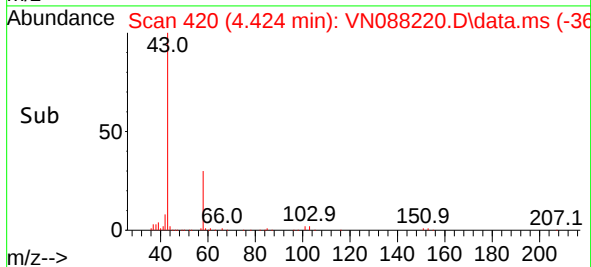
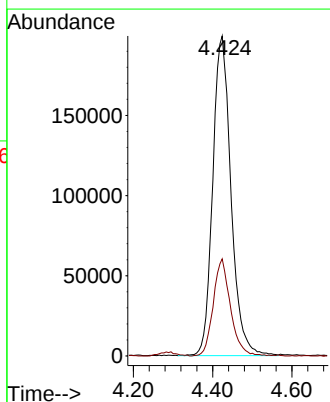
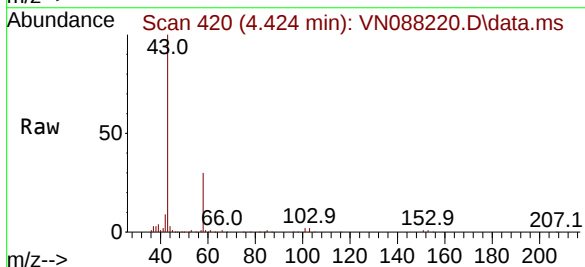
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

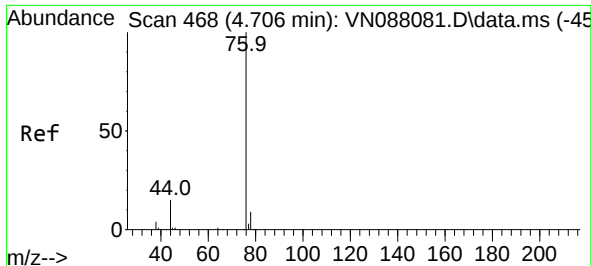
Tgt Ion: 53 Resp: 673960
Ion Ratio Lower Upper
53 100
52 84.0 67.6 101.4
51 37.2 30.1 45.1



#16
Acetone
Concen: 236.375 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 43 Resp: 639159
Ion Ratio Lower Upper
43 100
58 30.1 22.6 33.8

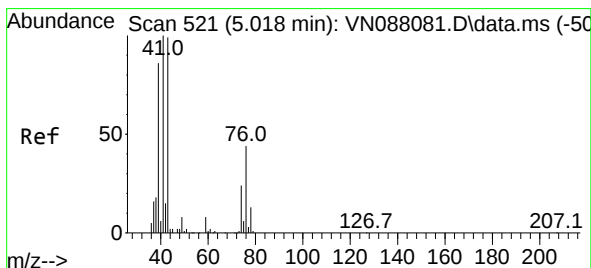
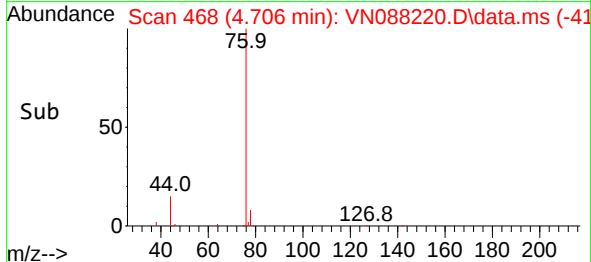
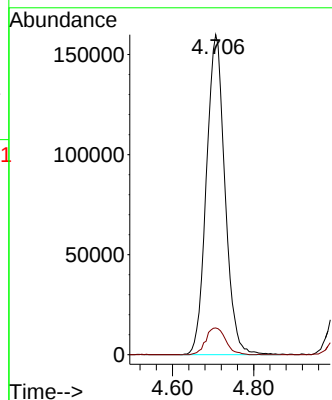
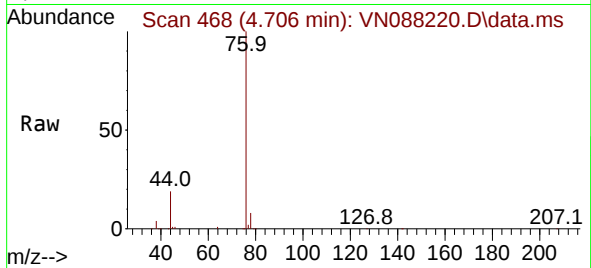




#17
Carbon Disulfide
Concen: 42.595 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

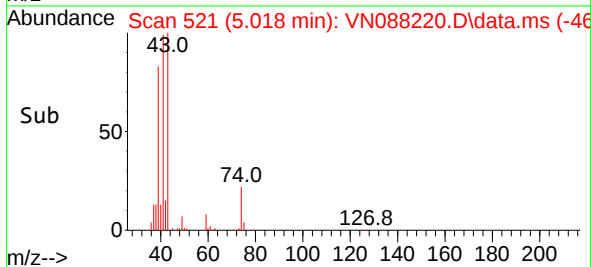
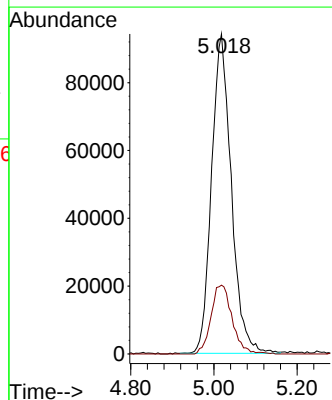
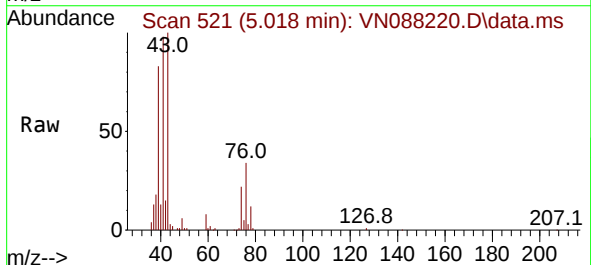
Instrument :
MSVOA_N
ClientSampleId :
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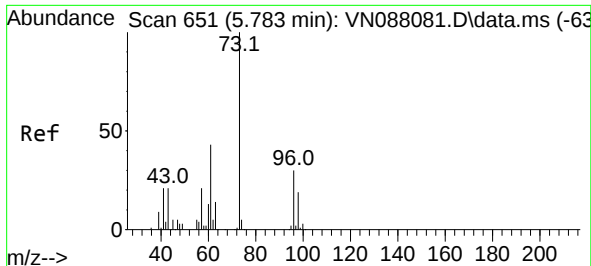
Tgt Ion: 76 Resp: 506559
Ion Ratio Lower Upper
76 100
78 8.3 7.6 11.4



#18
Methyl Acetate
Concen: 56.000 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 43 Resp: 310006
Ion Ratio Lower Upper
43 100
74 23.1 17.6 26.4

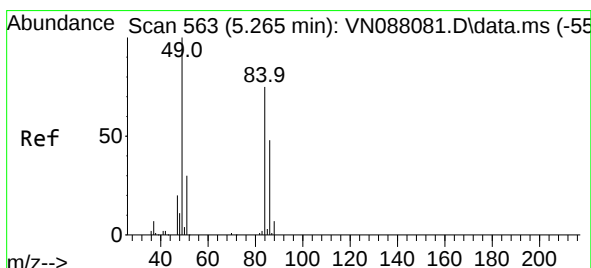
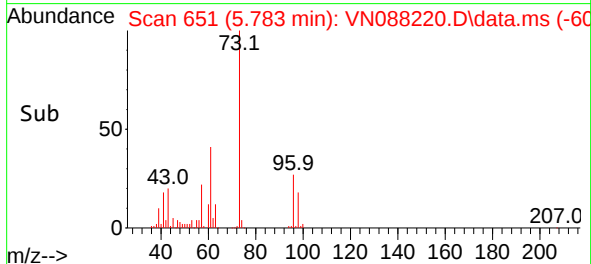
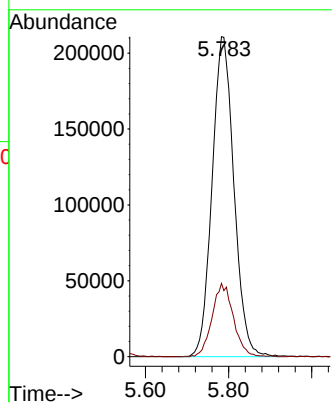
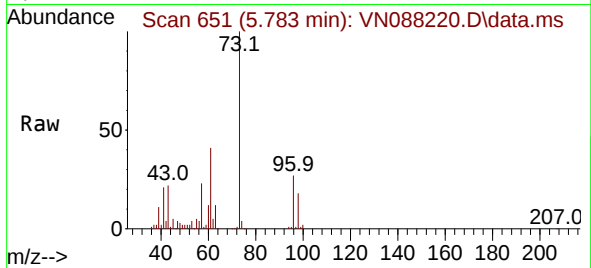




#19
Methyl tert-butyl Ether
Concen: 53.536 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

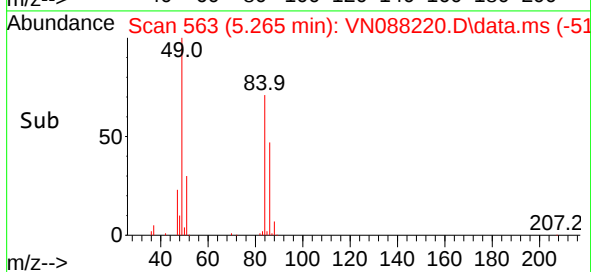
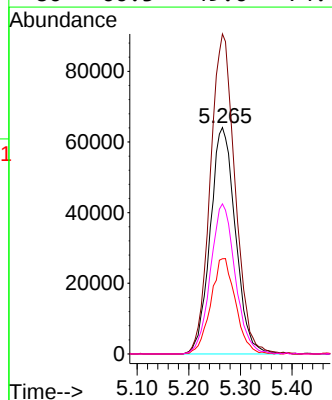
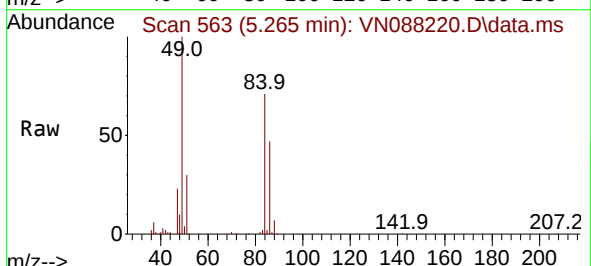
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

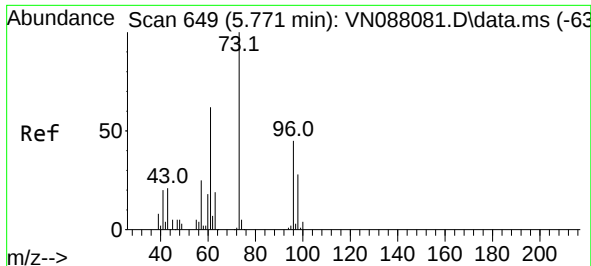
Tgt Ion: 73 Resp: 769170
Ion Ratio Lower Upper
73 100
57 22.9 18.4 27.6



#20
Methylene Chloride
Concen: 47.803 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 84 Resp: 216980
Ion Ratio Lower Upper
84 100
49 141.3 103.4 155.2
51 42.0 33.8 50.8
86 66.3 49.6 74.4

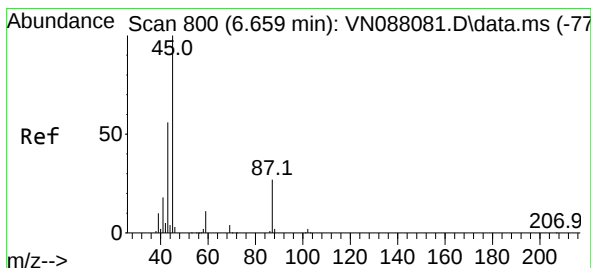
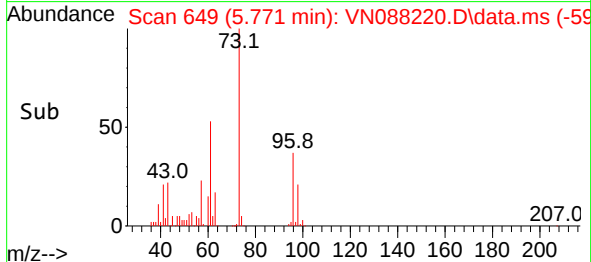
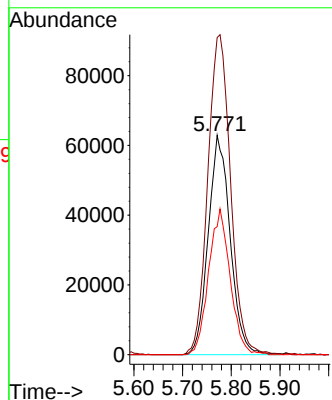
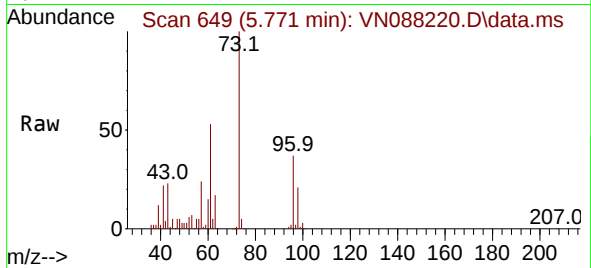




#21
trans-1,2-Dichloroethene
Concen: 45.785 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

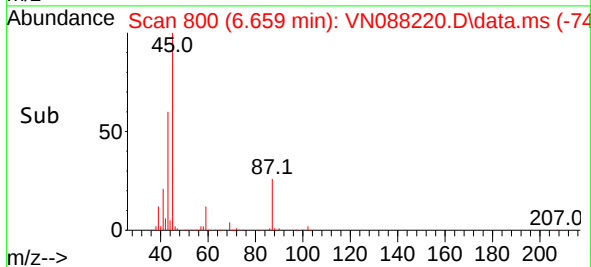
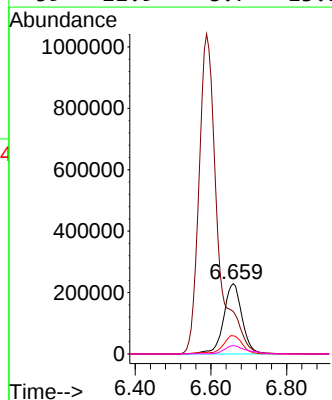
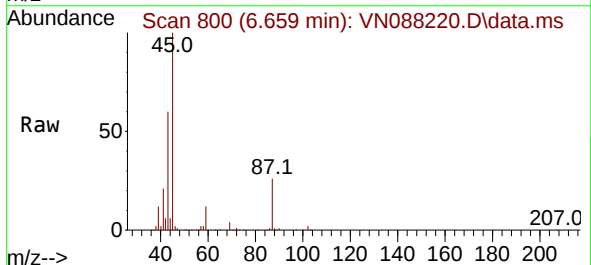
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

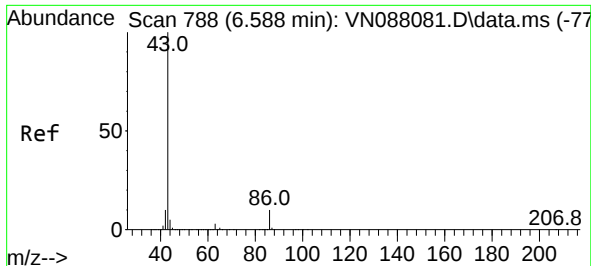
Tgt Ion: 96 Resp: 196611
Ion Ratio Lower Upper
96 100
61 144.6 118.0 177.0
98 58.3 50.0 75.0



#22
Diisopropyl ether
Concen: 53.614 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 45 Resp: 773160
Ion Ratio Lower Upper
45 100
43 60.0 47.7 71.5
87 25.8 21.4 32.0
59 11.9 8.7 13.1

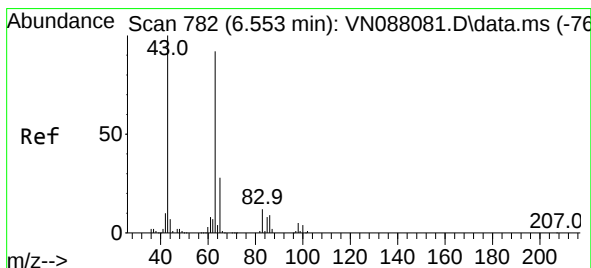
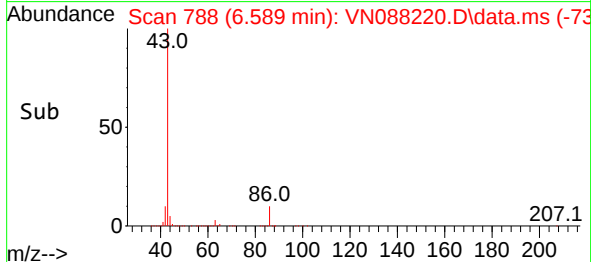
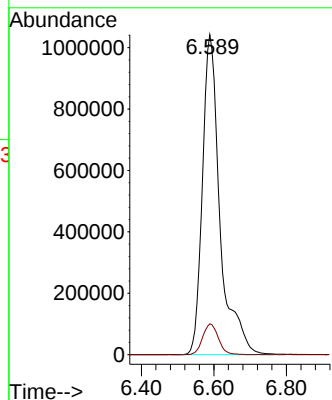
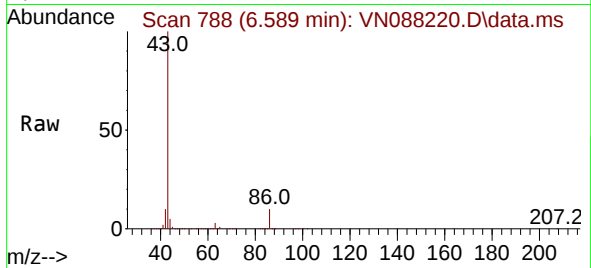




#23
 Vinyl Acetate
 Concen: 270.115 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088220.D
 Acq: 06 Nov 2025 20:00

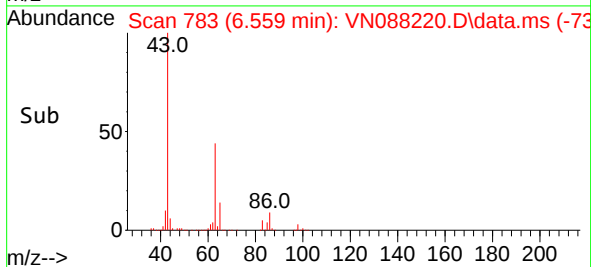
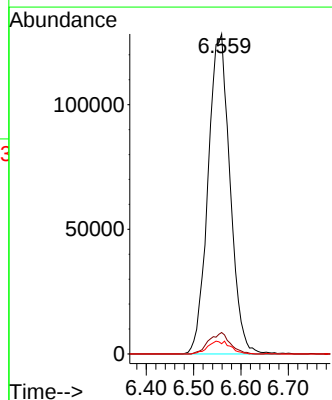
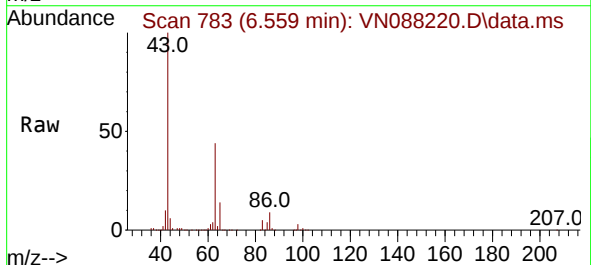
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 3508837
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 51.674 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.012 min
 Lab File: VN088220.D
 Acq: 06 Nov 2025 20:00

Tgt Ion: 63 Resp: 412785
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.4
 100 3.2 2.0 6.0

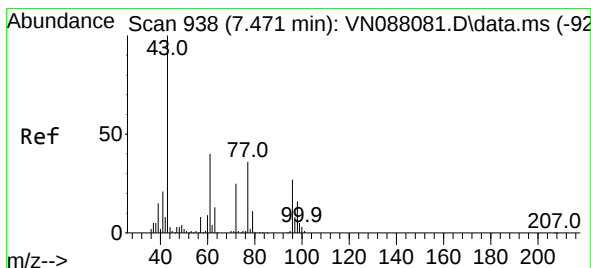
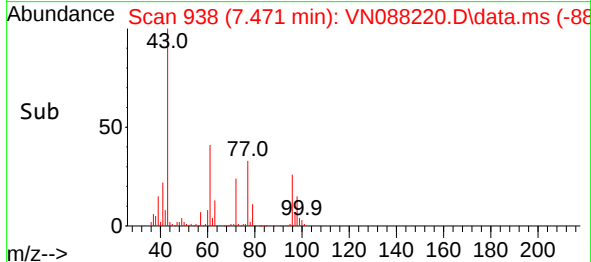
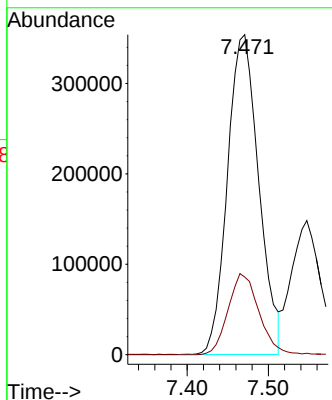
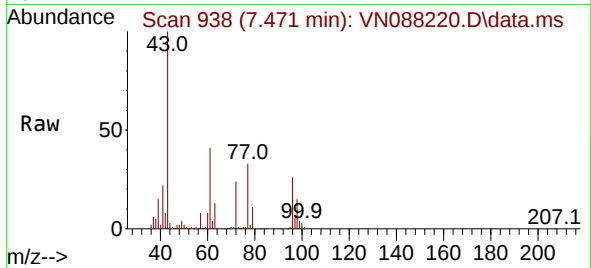




#25
2-Butanone
Concen: 265.986 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

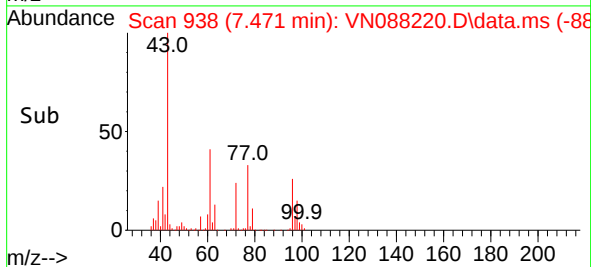
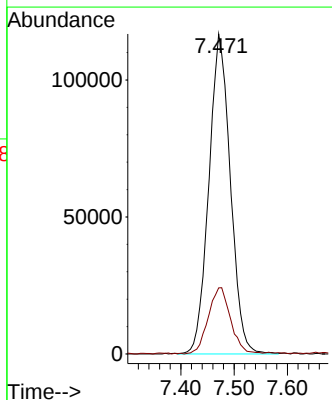
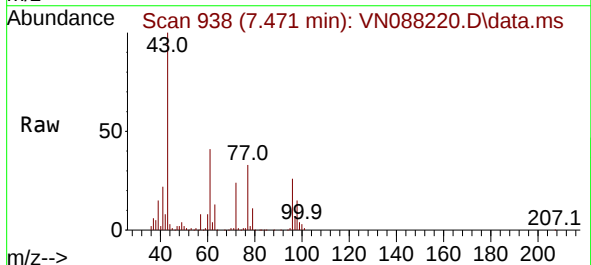
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 947835
Ion Ratio Lower Upper
43 100
72 24.3 19.9 29.9



#26
2,2-Dichloropropane
Concen: 45.103 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 77 Resp: 327419
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.7

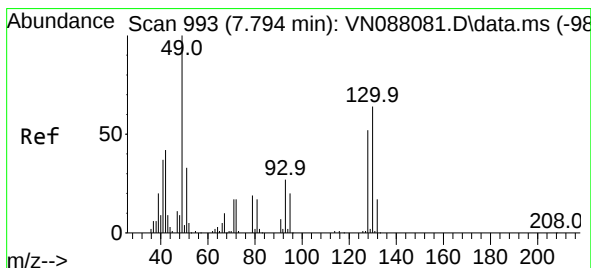
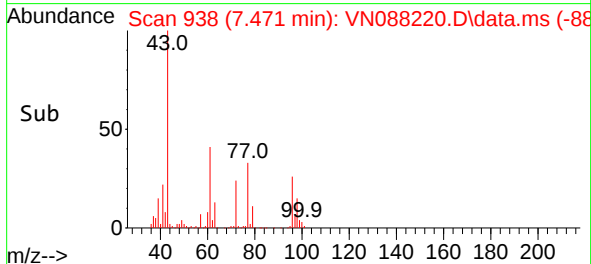
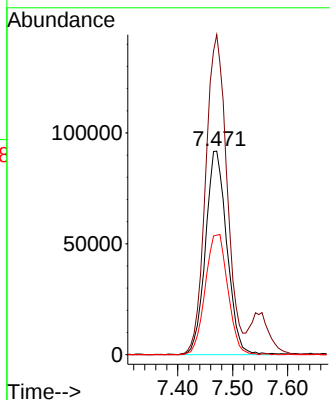
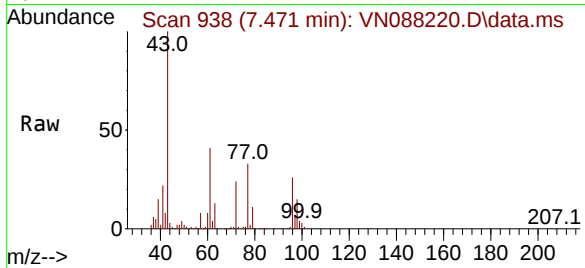




#27
 cis-1,2-Dichloroethene
 Concen: 50.405 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088220.D
 Acq: 06 Nov 2025 20:00

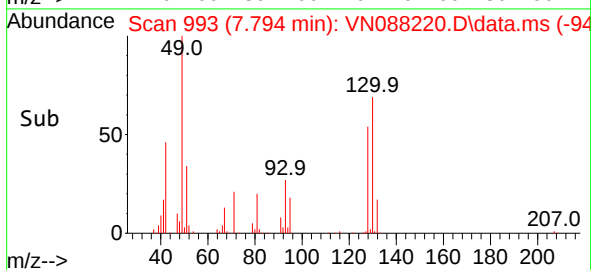
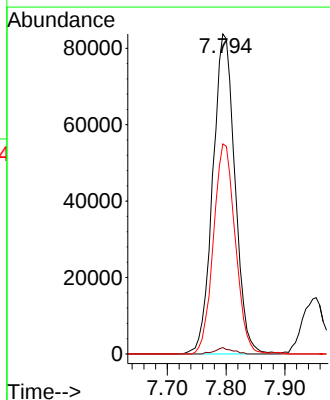
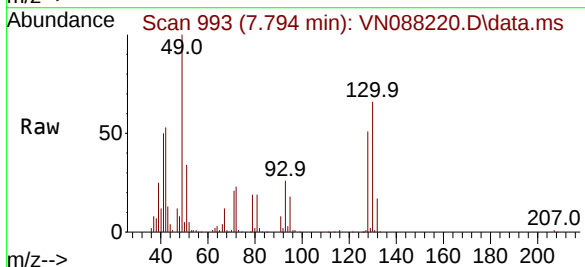
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

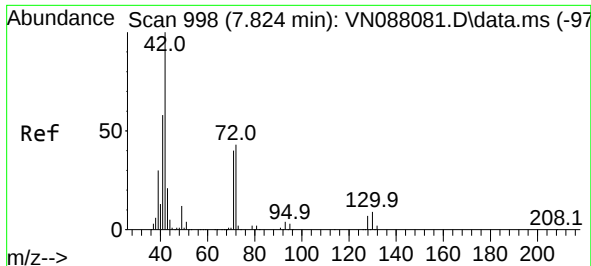
Tgt Ion: 96 Resp: 249182
 Ion Ratio Lower Upper
 96 100
 61 157.0 0.0 301.8
 98 62.0 0.0 126.2



#28
 Bromochloromethane
 Concen: 58.154 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088220.D
 Acq: 06 Nov 2025 20:00

Tgt Ion: 49 Resp: 219502
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.0
 130 64.5 53.1 79.7





#29

Tetrahydrofuran

Concen: 266.482 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN088220.D

Acq: 06 Nov 2025 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

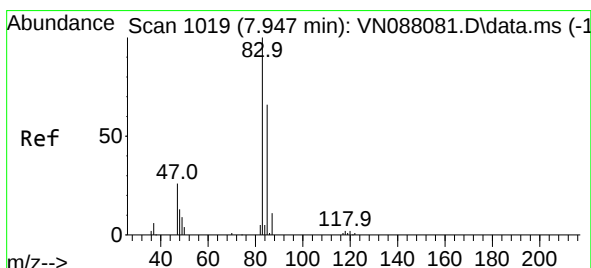
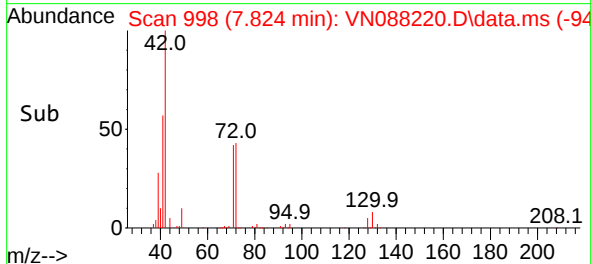
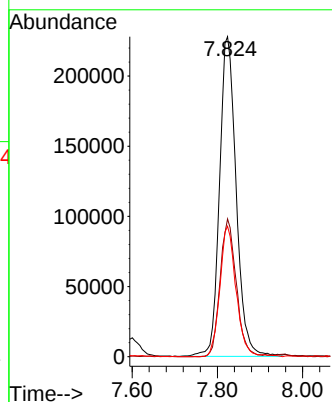
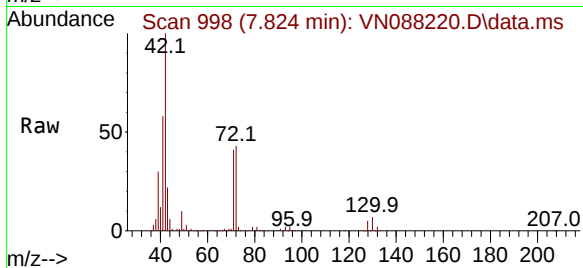
Tgt Ion: 42 Resp: 618859

Ion Ratio Lower Upper

42 100

72 41.8 33.7 50.5

71 39.3 31.9 47.9



#30

Chloroform

Concen: 51.912 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN088220.D

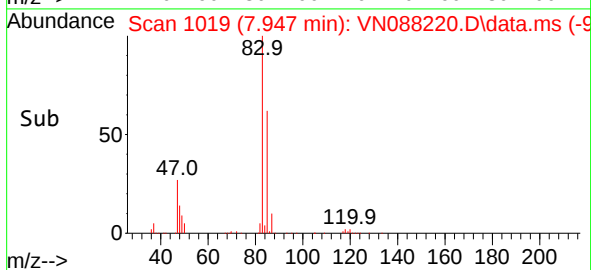
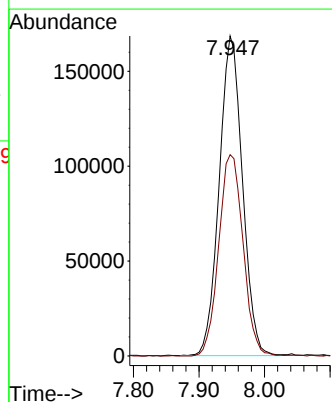
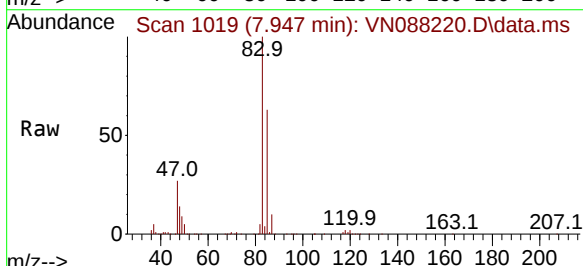
Acq: 06 Nov 2025 20:00

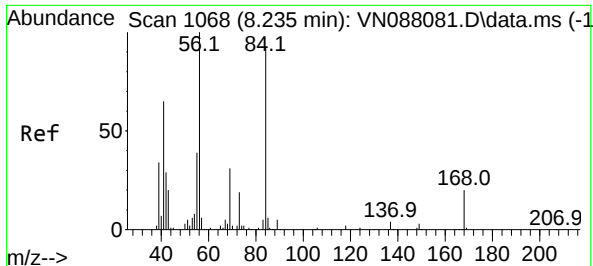
Tgt Ion: 83 Resp: 414283

Ion Ratio Lower Upper

83 100

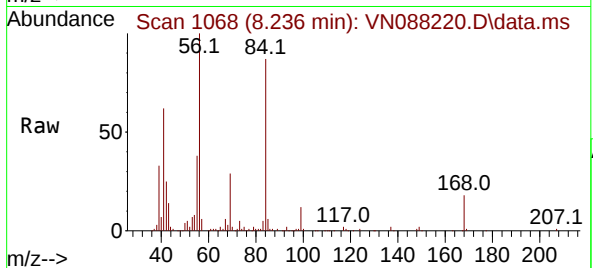
85 63.0 50.7 76.1



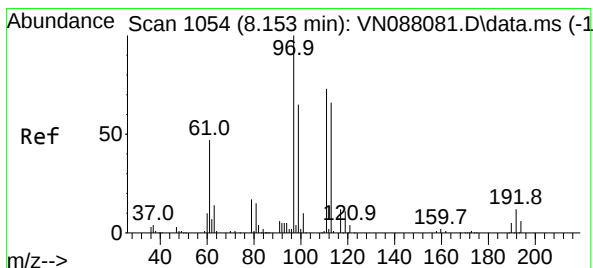
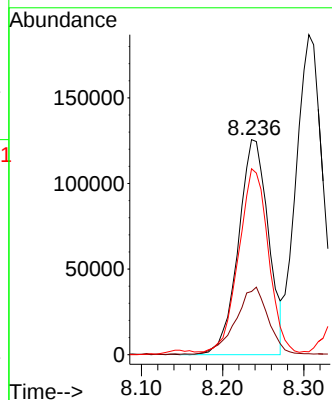
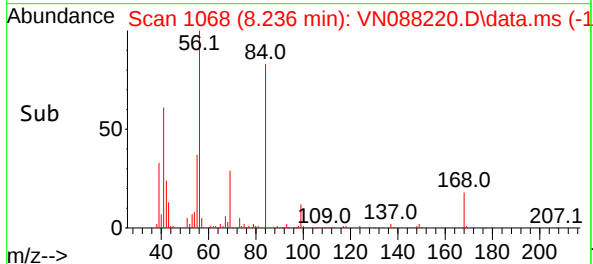


#31
Cyclohexane
Concen: 42.947 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

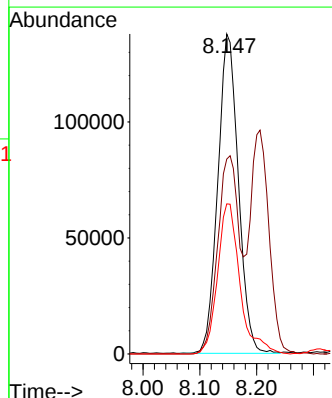
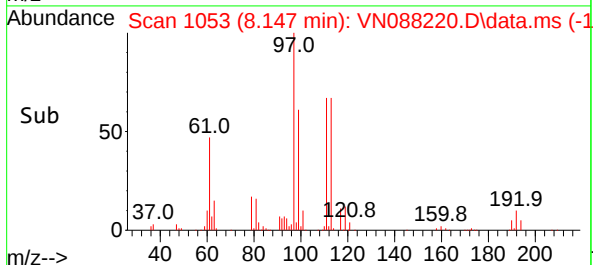
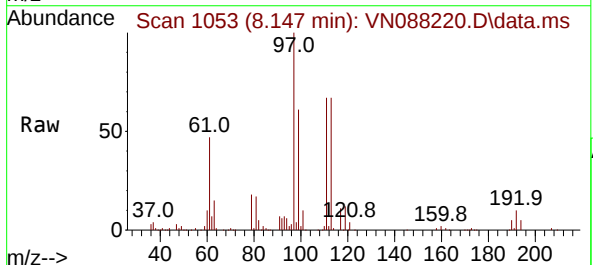


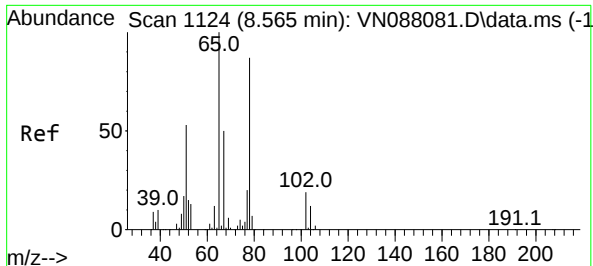
Tgt Ion: 56 Resp: 323570
Ion Ratio Lower Upper
56 100
69 29.2 23.7 35.5
84 84.4 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 48.684 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 97 Resp: 346036
Ion Ratio Lower Upper
97 100
99 64.5 52.2 78.2
61 51.4 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 61.861 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088220.D

Acq: 06 Nov 2025 20:00

Instrument :

MSVOA_N

ClientSampleId :

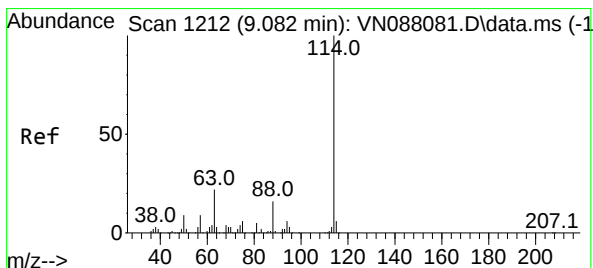
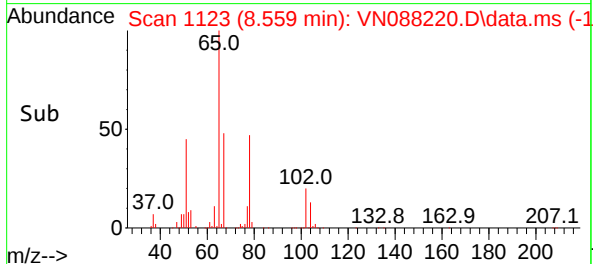
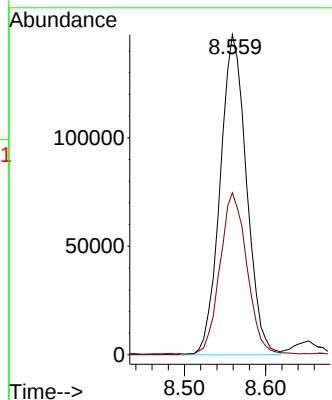
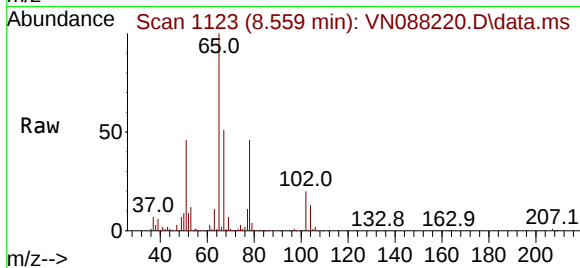
VSTDCCC050EC

Tgt Ion: 65 Resp: 332957

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088220.D

Acq: 06 Nov 2025 20:00

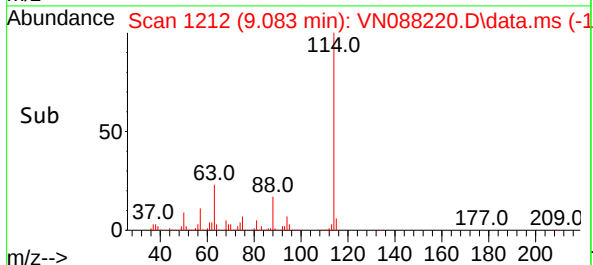
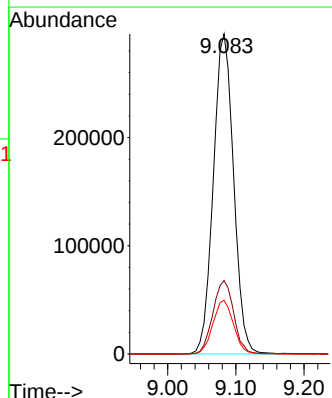
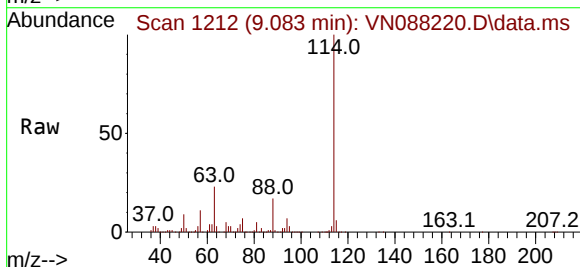
Tgt Ion: 114 Resp: 612720

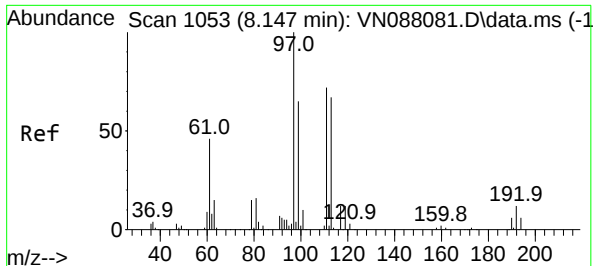
Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.2

88 16.8 0.0 33.4

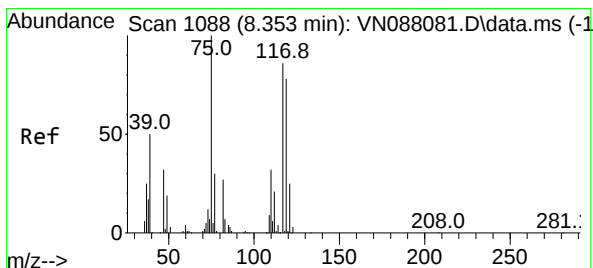
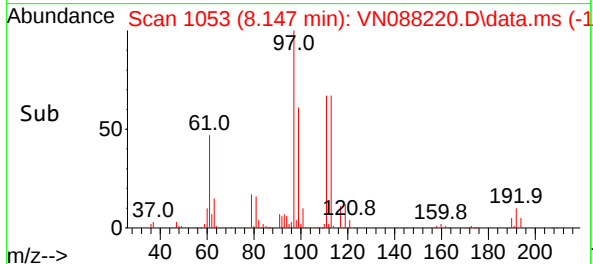
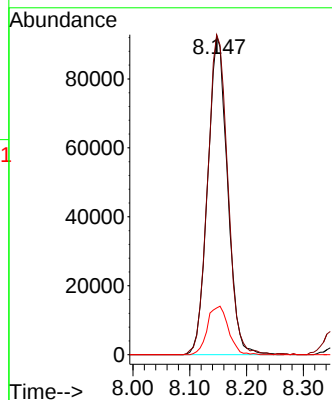
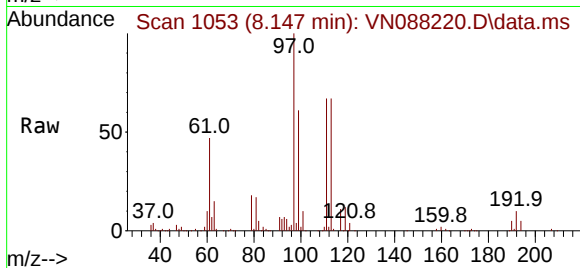




#35
Dibromofluoromethane
Concen: 54.173 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

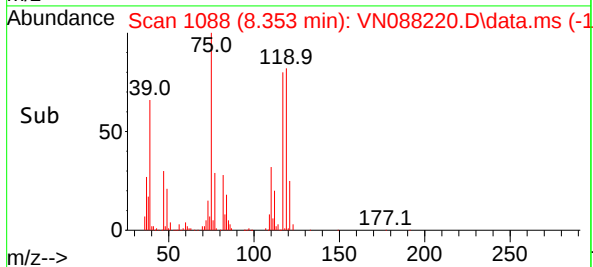
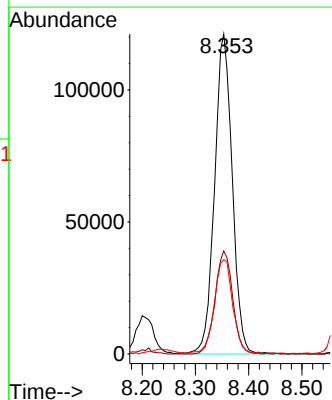
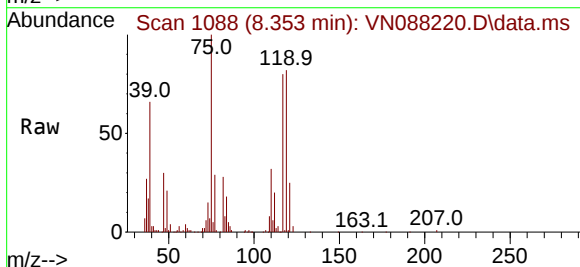
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

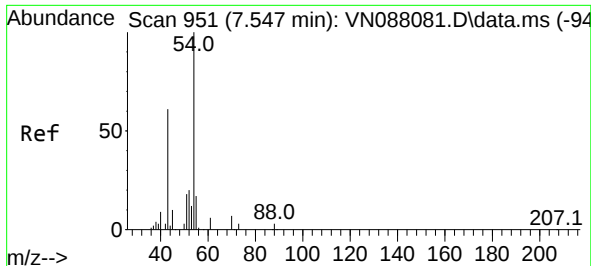
Tgt Ion:113 Resp: 222993
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 16.1 12.8 19.2



#36
1,1-Dichloropropene
Concen: 46.456 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 75 Resp: 279213
Ion Ratio Lower Upper
75 100
110 32.1 15.9 47.6
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 48.776 ug/l

RT: 7.547 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN088220.D

Acq: 06 Nov 2025 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

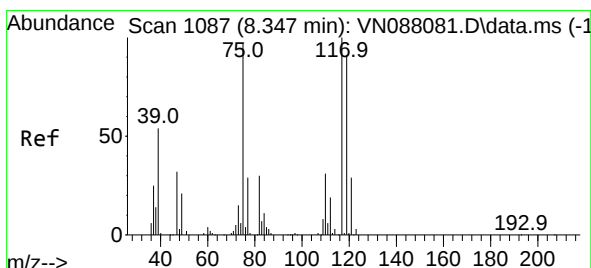
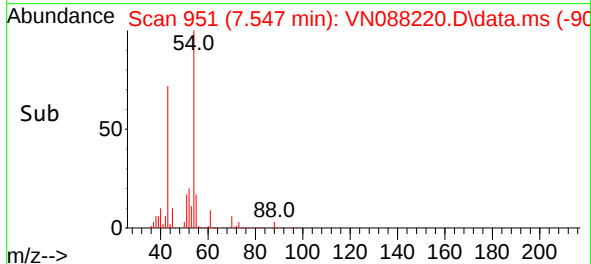
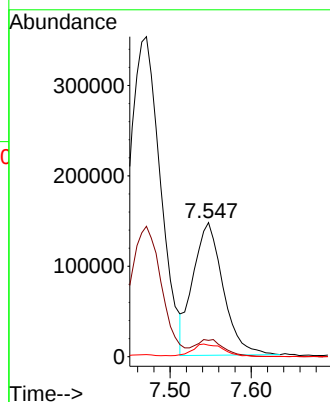
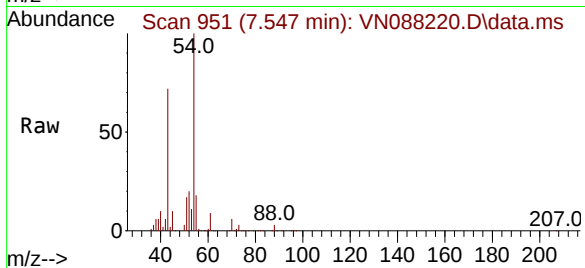
Tgt Ion: 43 Resp: 378310

Ion Ratio Lower Upper

43 100

61 11.7 9.3 13.9

70 10.1 7.0 10.6



#38

Carbon Tetrachloride

Concen: 46.919 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.000 min

Lab File: VN088220.D

Acq: 06 Nov 2025 20:00

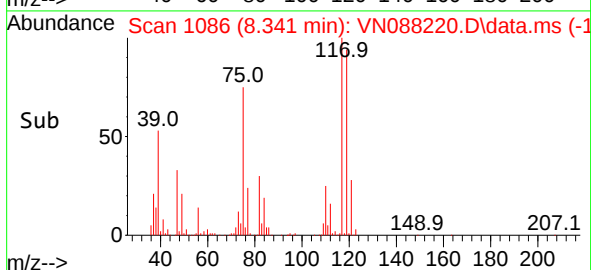
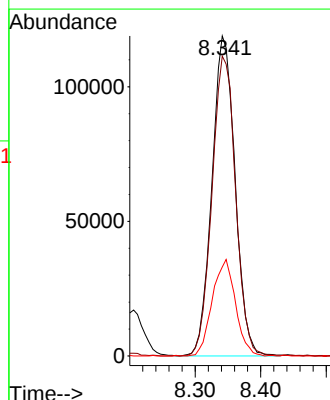
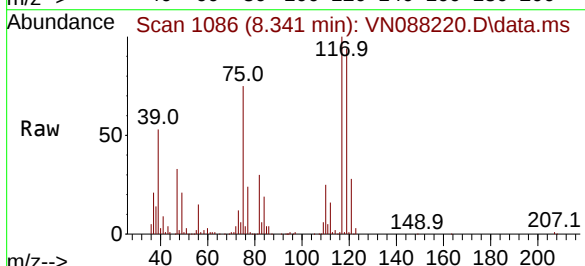
Tgt Ion: 117 Resp: 291256

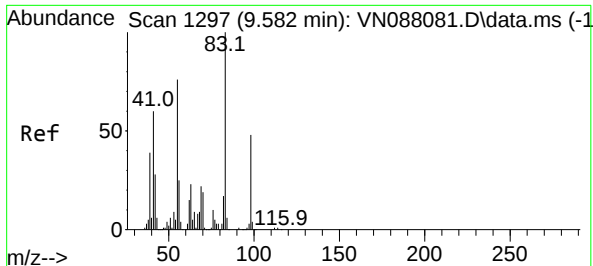
Ion Ratio Lower Upper

117 100

119 93.7 79.0 118.6

121 27.8 25.0 37.6





#39

Methylcyclohexane

Concen: 36.966 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN088220.D

Acq: 06 Nov 2025 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

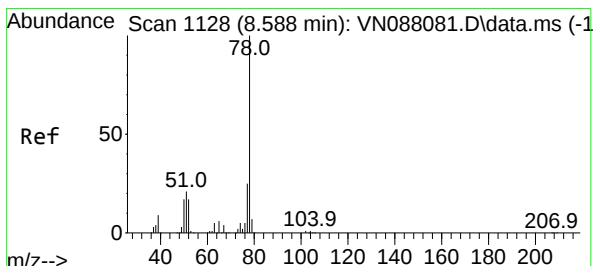
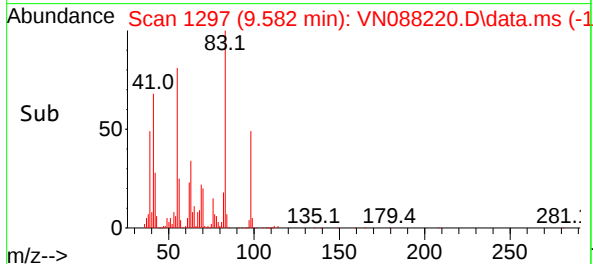
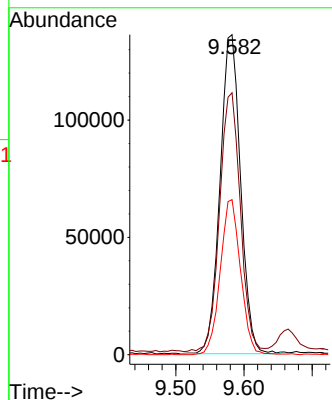
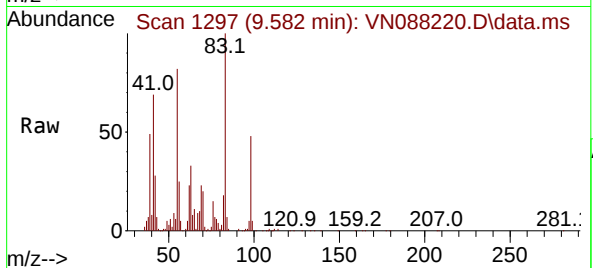
Tgt Ion: 83 Resp: 285578

Ion Ratio Lower Upper

83 100

55 80.9 64.6 96.8

98 48.6 38.4 57.6



#40

Benzene

Concen: 47.454 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088220.D

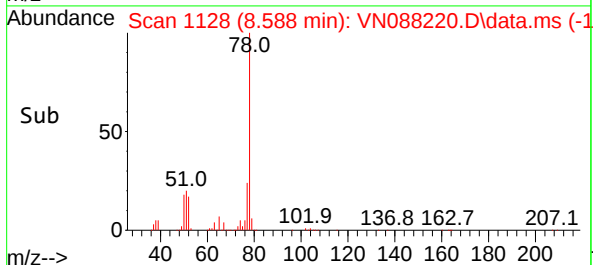
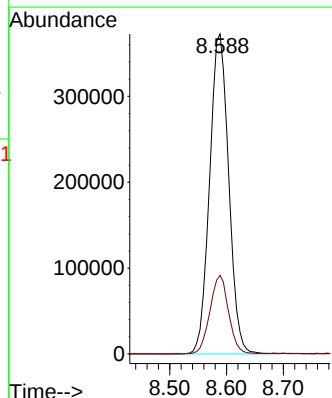
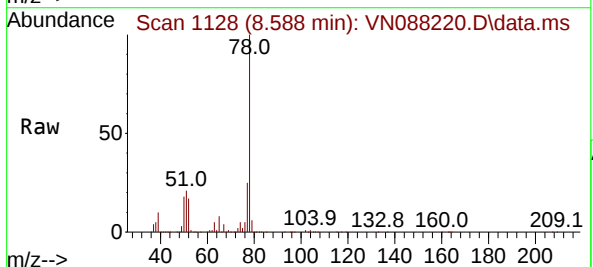
Acq: 06 Nov 2025 20:00

Tgt Ion: 78 Resp: 868586

Ion Ratio Lower Upper

78 100

77 24.5 19.7 29.5



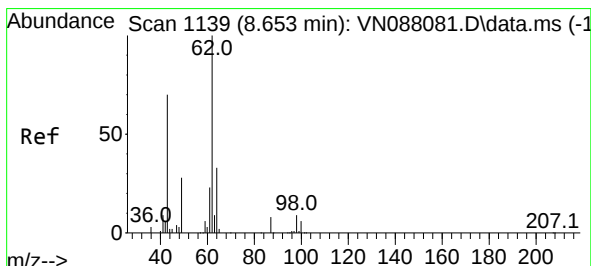
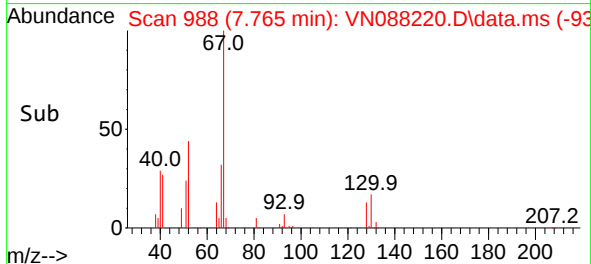
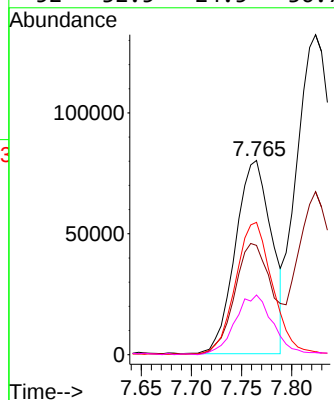
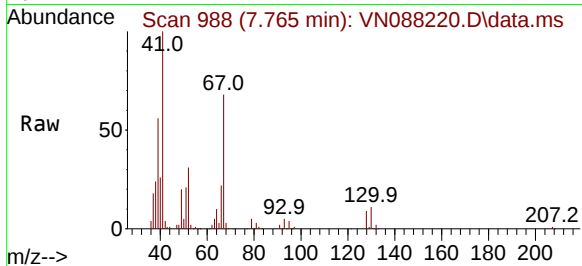


#41
Methacrylonitrile
Concen: 49.195 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 200824

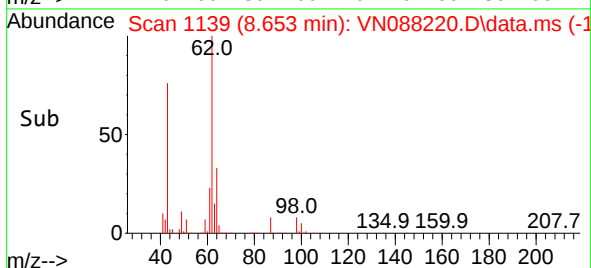
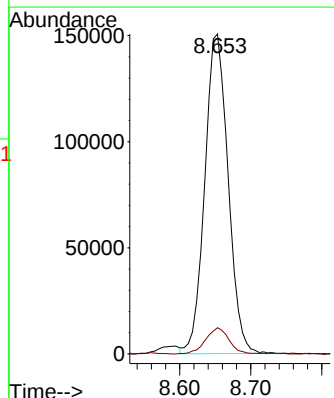
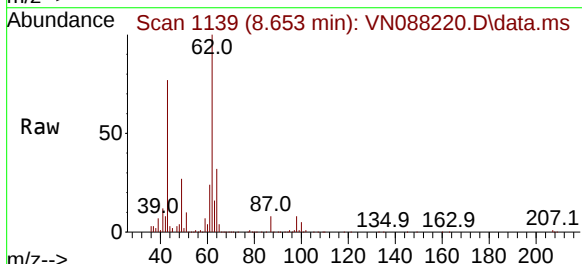
Ion	Ratio	Lower	Upper
41	100		
39	61.5	45.4	68.0
67	69.6	55.3	82.9
52	32.5	24.5	36.7

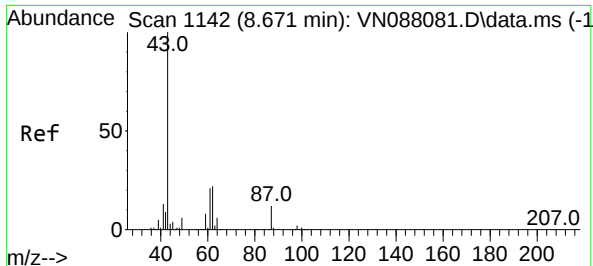


#42
1,2-Dichloroethane
Concen: 52.894 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 62 Resp: 344003

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.4

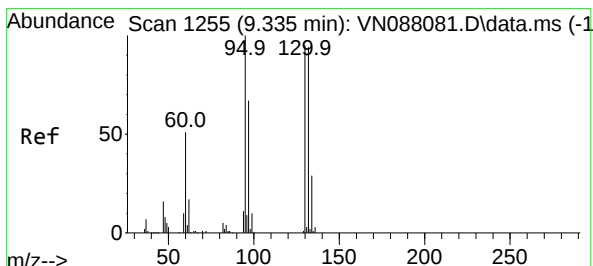
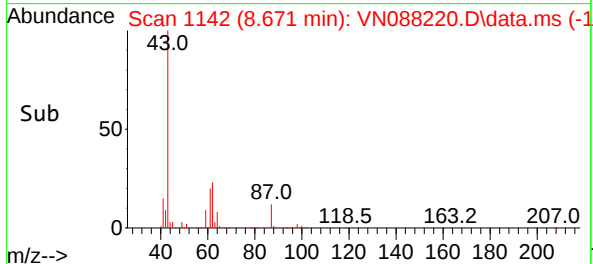
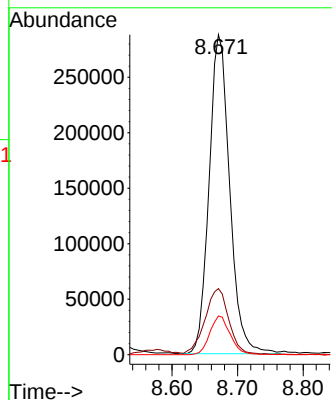
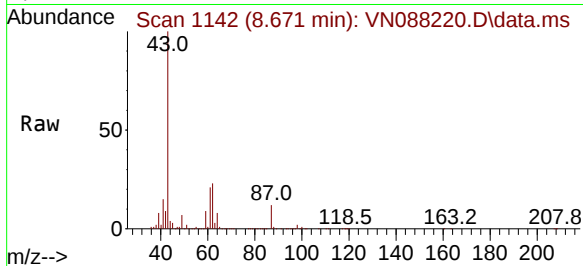




#43
Isopropyl Acetate
Concen: 52.769 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

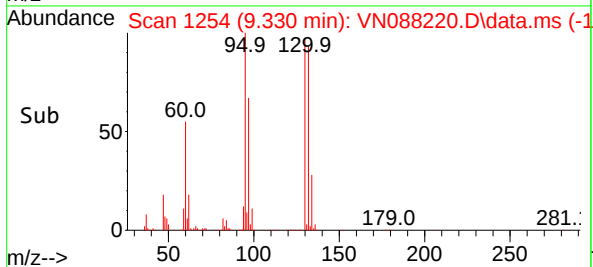
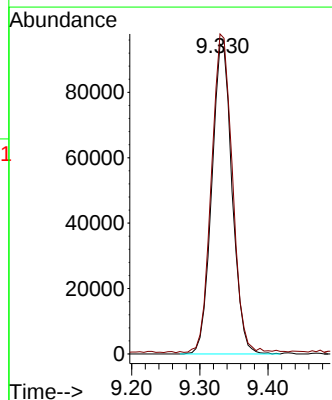
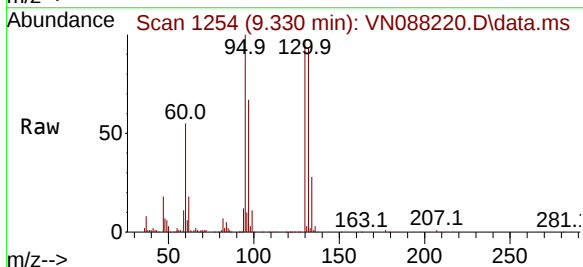
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

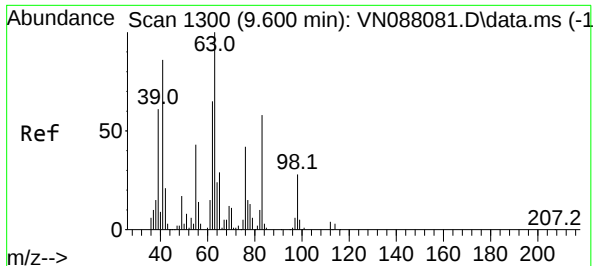
Tgt Ion: 43 Resp: 628910
Ion Ratio Lower Upper
43 100
61 23.8 18.8 28.2
87 11.9 9.6 14.4



#44
Trichloroethene
Concen: 45.987 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion:130 Resp: 196746
Ion Ratio Lower Upper
130 100
95 102.5 0.0 212.0





#45

1,2-Dichloropropane

Concen: 48.889 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088220.D

Acq: 06 Nov 2025 20:00

Instrument :

MSVOA_N

ClientSampleId :

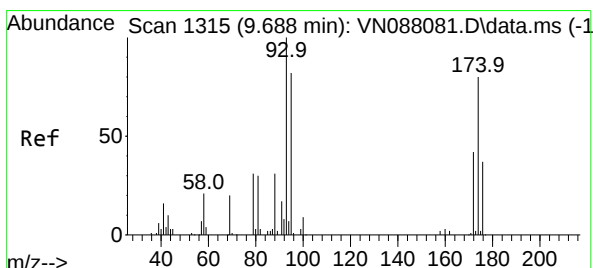
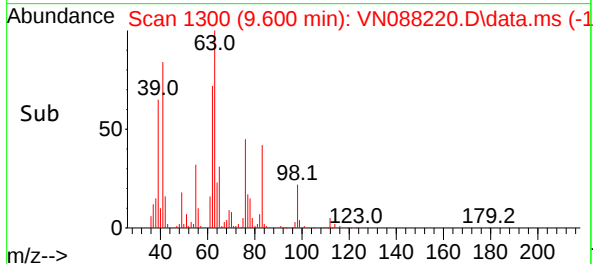
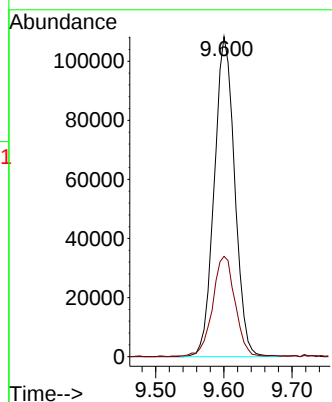
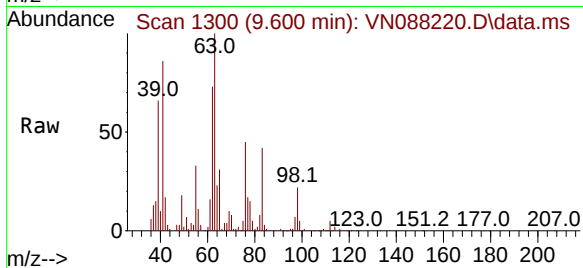
VSTDCCC050EC

Tgt Ion: 63 Resp: 225914

Ion Ratio Lower Upper

63 100

65 31.2 25.0 37.4



#46

Dibromomethane

Concen: 49.596 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088220.D

Acq: 06 Nov 2025 20:00

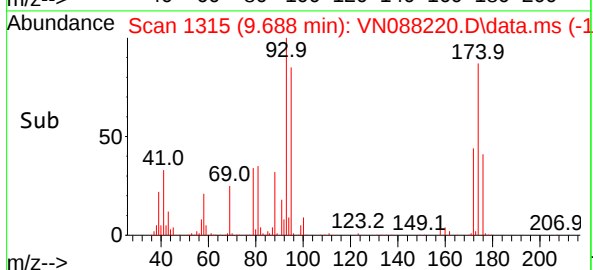
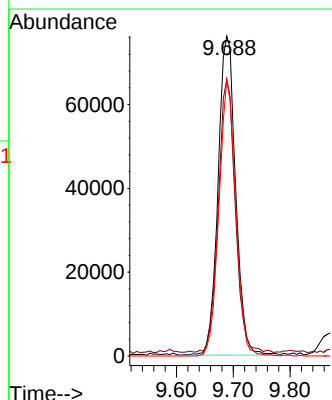
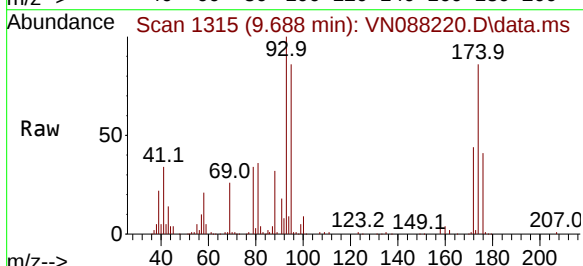
Tgt Ion: 93 Resp: 163453

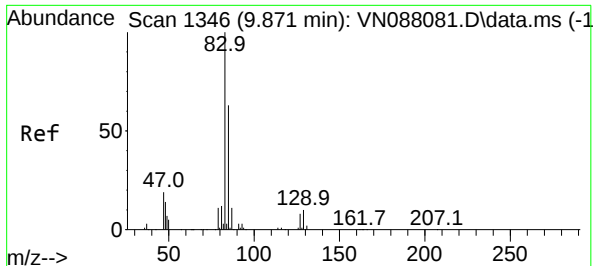
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

174 82.6 63.4 95.2

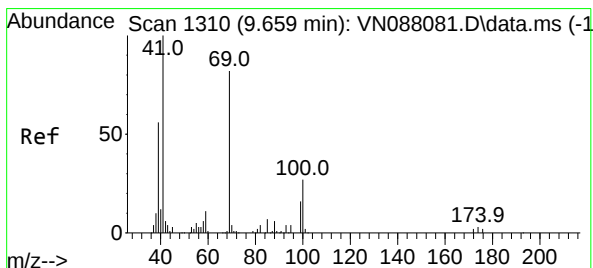
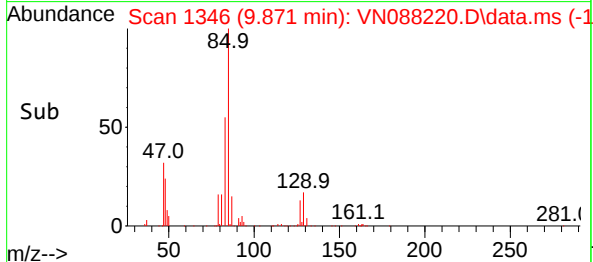
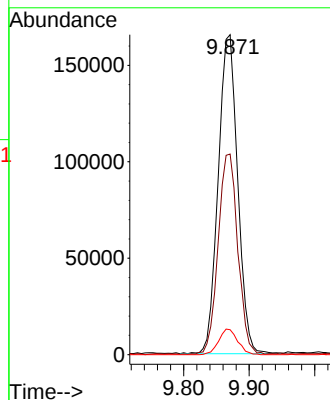
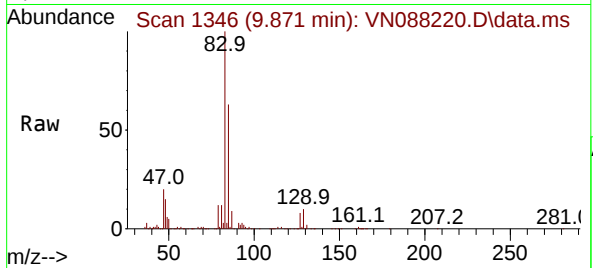




#47
Bromodichloromethane
Concen: 51.627 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

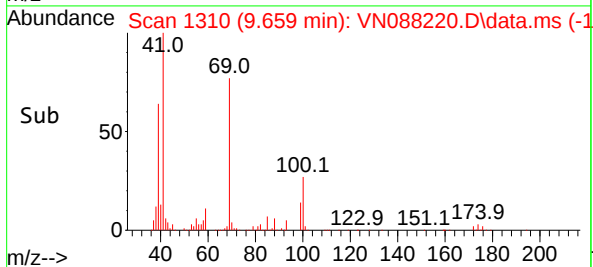
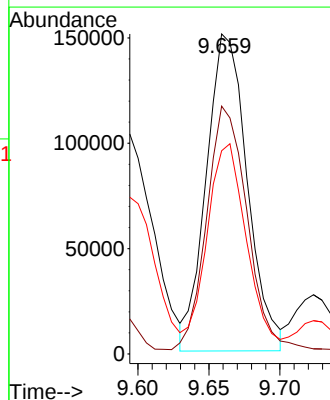
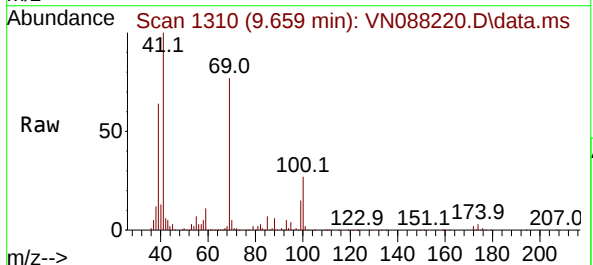
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

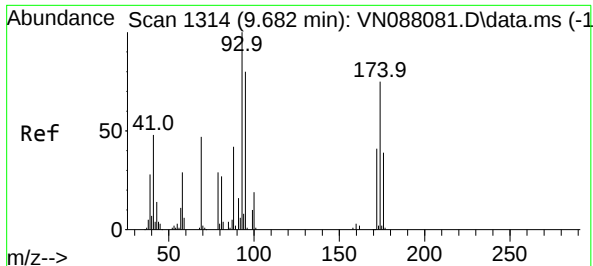
Tgt Ion: 83 Resp: 340660
Ion Ratio Lower Upper
83 100
85 62.7 52.5 78.7
127 7.8 5.8 8.6



#48
Methyl methacrylate
Concen: 54.896 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 41 Resp: 302062
Ion Ratio Lower Upper
41 100
69 77.5 62.7 94.1
39 64.5 52.9 79.3





#49

1,4-Dioxane

Concen: 1003.176 ug/l

RT: 9.677 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088220.D

Acq: 06 Nov 2025 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

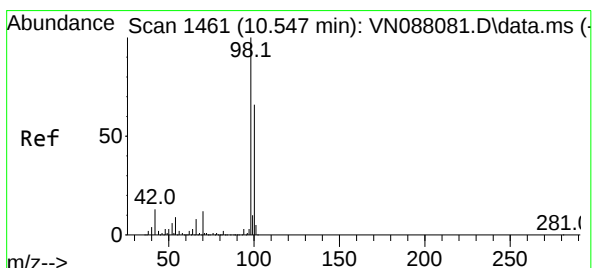
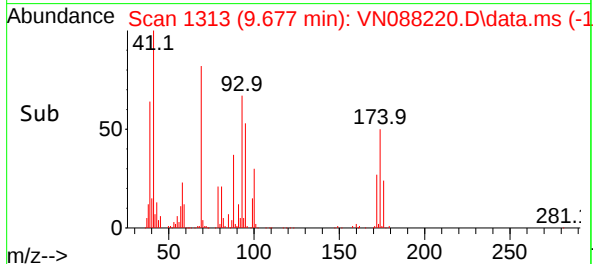
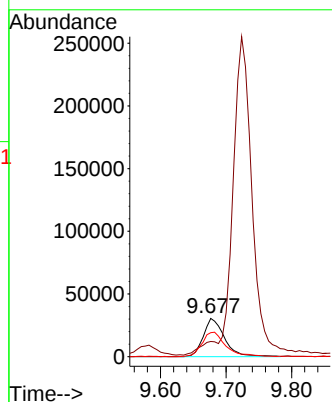
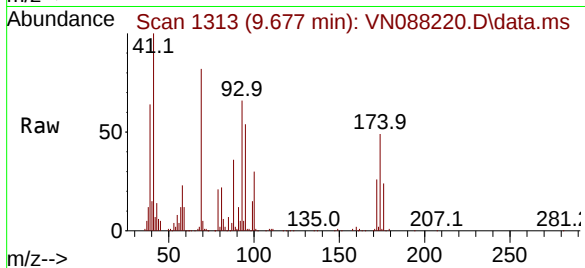
Tgt Ion: 88 Resp: 68653

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.3 57.9 86.9



#50

Toluene-d8

Concen: 52.080 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088220.D

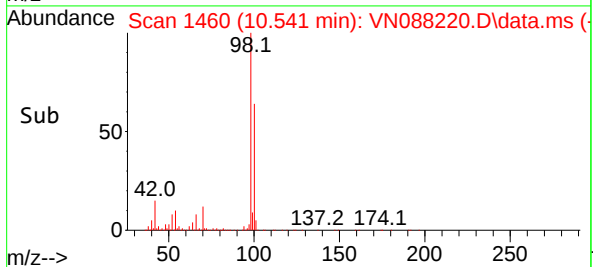
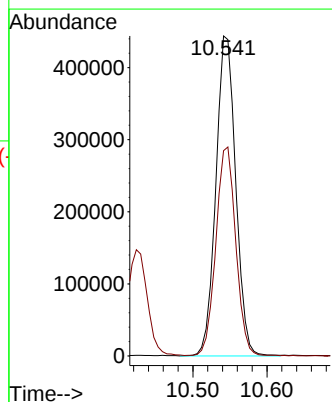
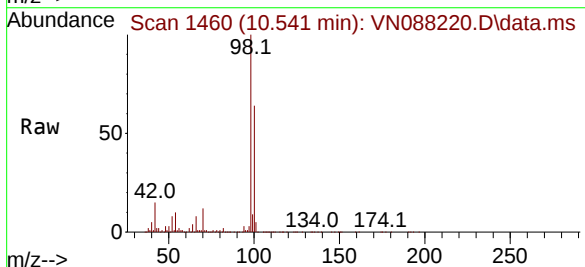
Acq: 06 Nov 2025 20:00

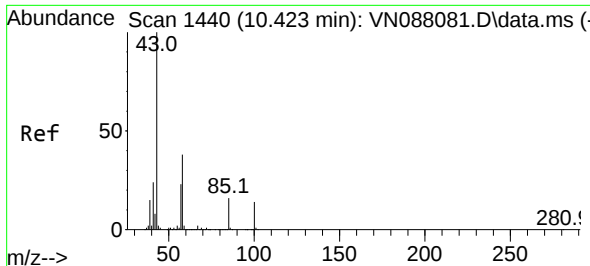
Tgt Ion: 98 Resp: 826024

Ion Ratio Lower Upper

98 100

100 65.6 52.8 79.2

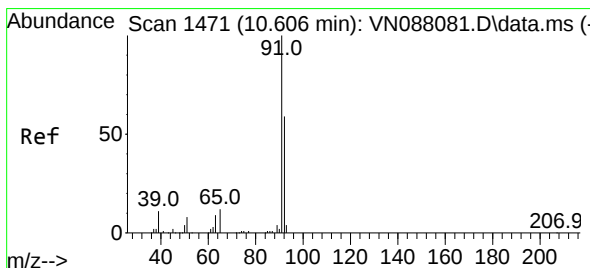
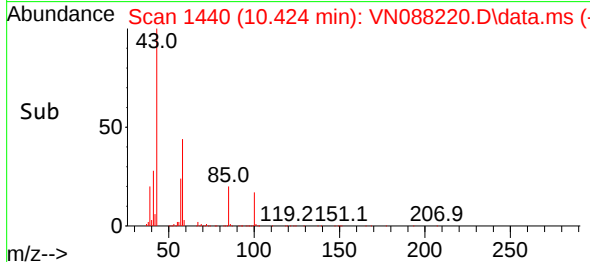
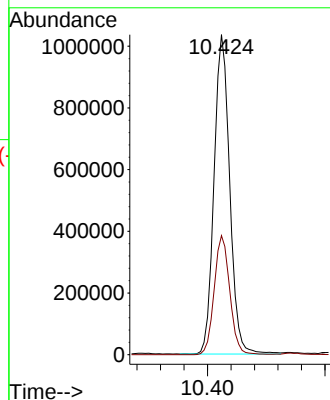
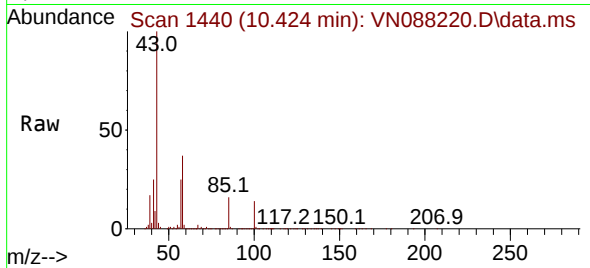




#51
4-Methyl-2-Pentanone
Concen: 272.088 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

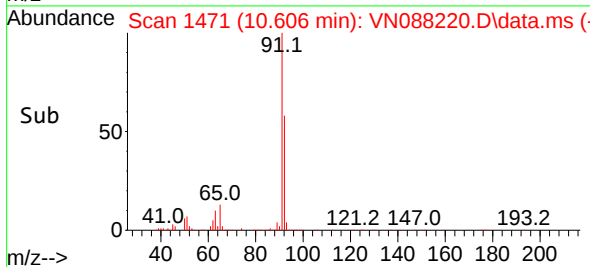
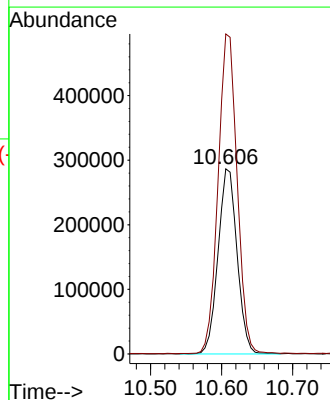
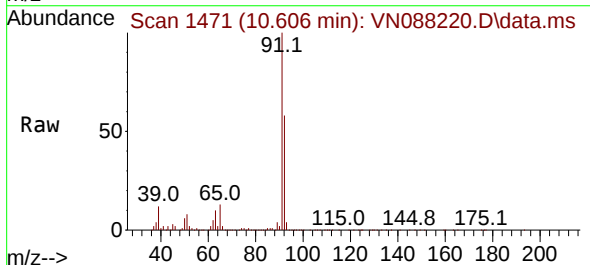
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

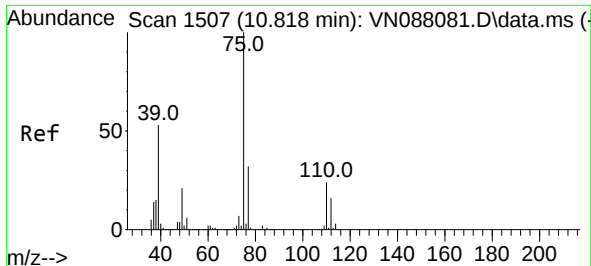
Tgt Ion: 43 Resp: 1918398
Ion Ratio Lower Upper
43 100
58 37.1 29.6 44.4



#52
Toluene
Concen: 47.095 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 92 Resp: 531474
Ion Ratio Lower Upper
92 100
91 172.9 140.4 210.6

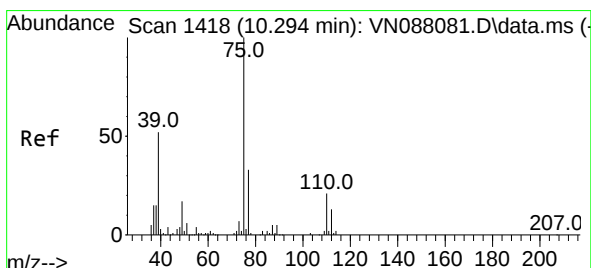
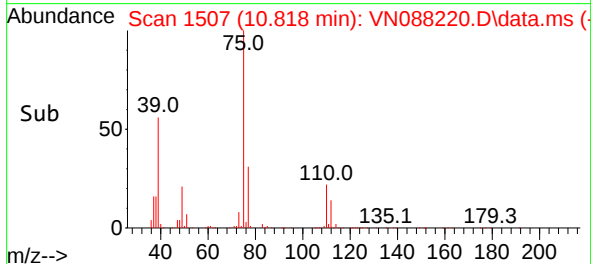
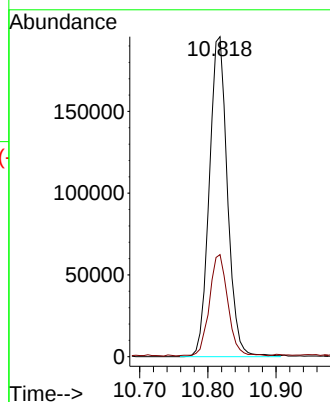
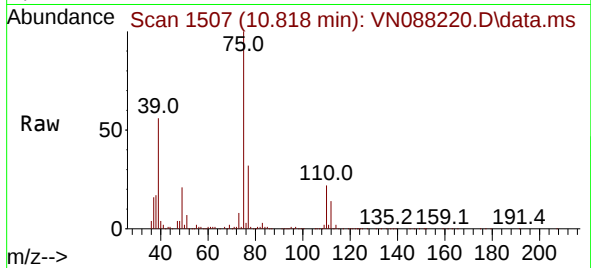




#53
 t-1,3-Dichloropropene
 Concen: 51.572 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN088220.D
 Acq: 06 Nov 2025 20:00

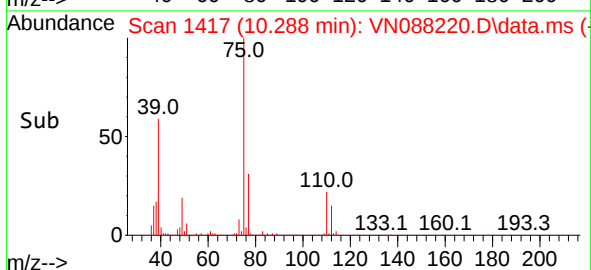
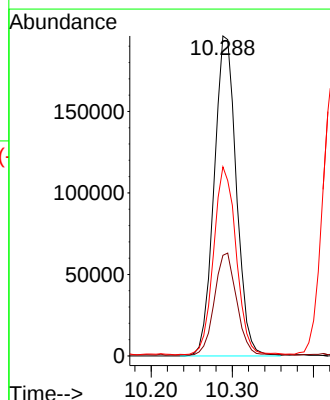
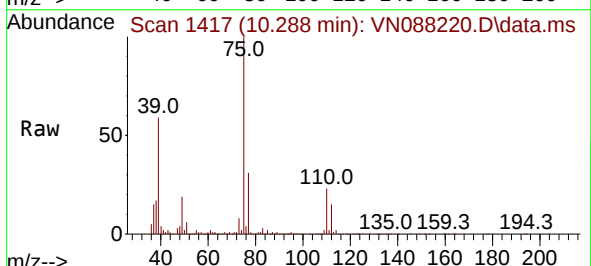
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

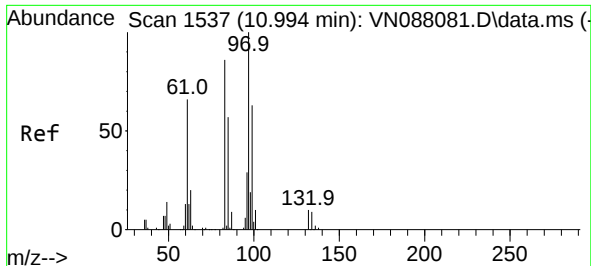
Tgt Ion: 75 Resp: 362179
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 50.171 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VN088220.D
 Acq: 06 Nov 2025 20:00

Tgt Ion: 75 Resp: 373886
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 37.0
 39 58.6 45.2 67.8

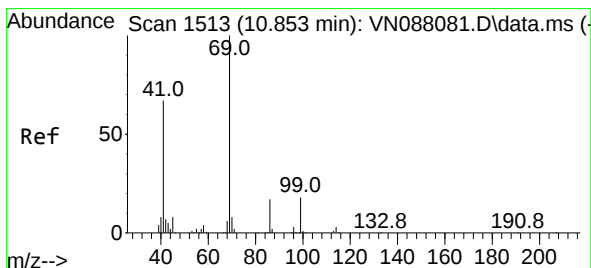
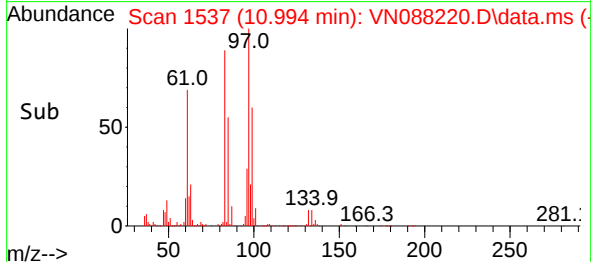
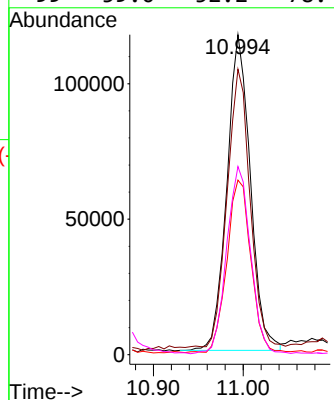
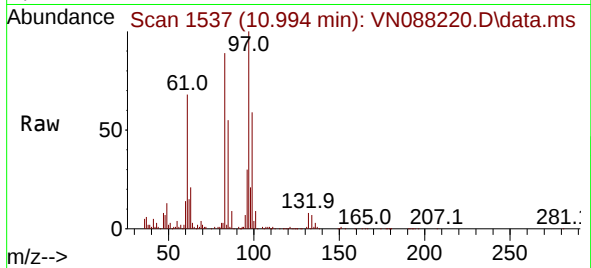




#55
1,1,2-Trichloroethane
Concen: 49.488 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

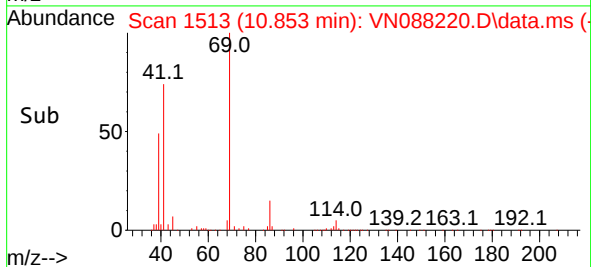
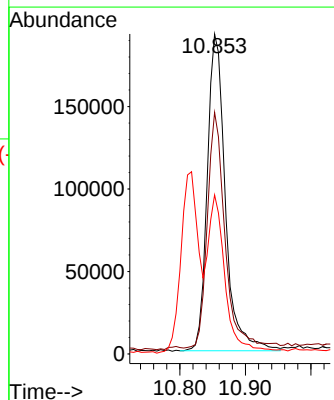
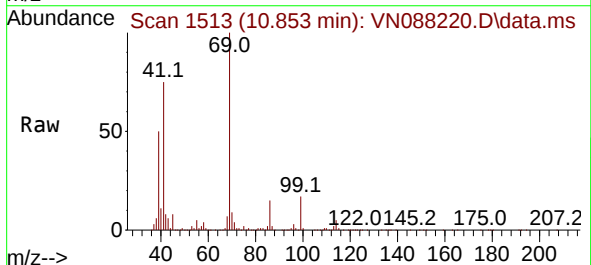
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

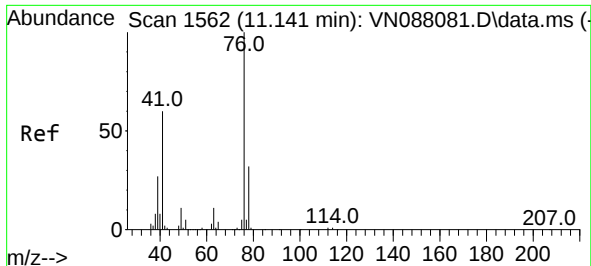
Tgt Ion:	97	Resp:	211881
Ion	Ratio	Lower	Upper
97	100		
83	88.0	68.2	102.4
85	54.5	45.5	68.3
99	59.0	52.2	78.4



#56
Ethyl methacrylate
Concen: 54.600 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion:	69	Resp:	369943
Ion	Ratio	Lower	Upper
69	100		
41	72.7	56.5	84.7
39	46.2	34.2	51.4

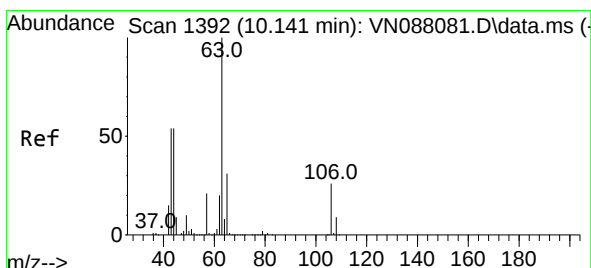
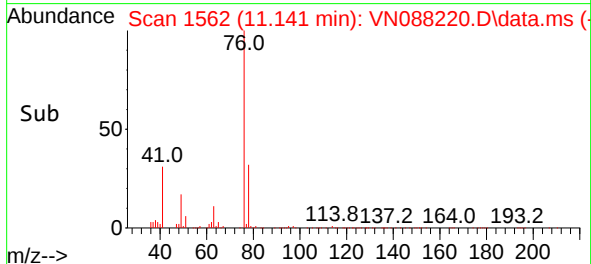
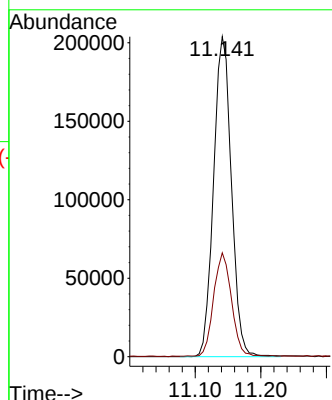
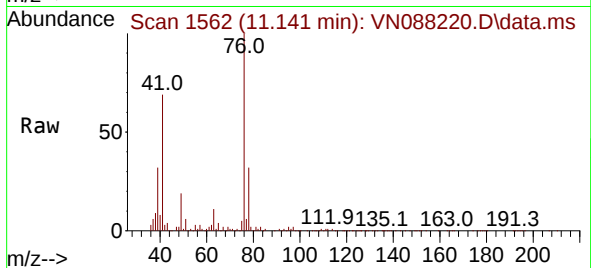




#57
1,3-Dichloropropane
Concen: 51.053 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

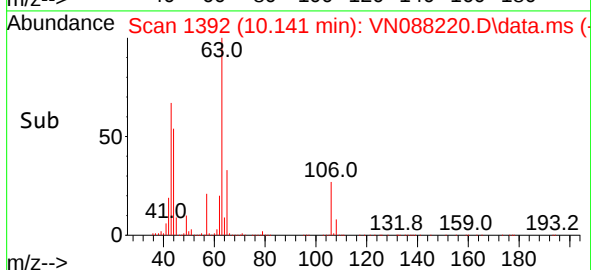
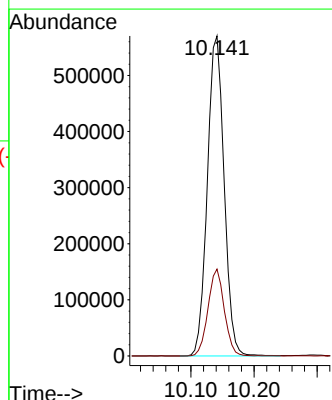
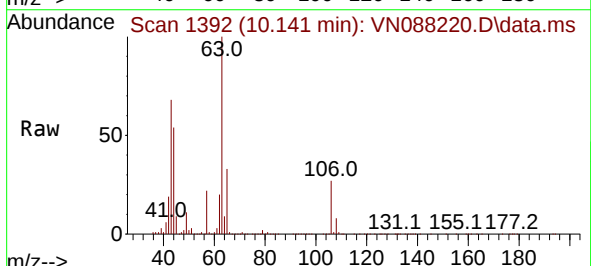
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

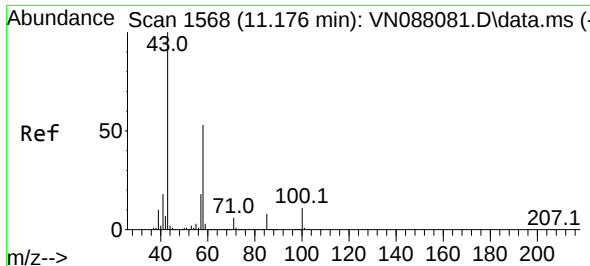
Tgt Ion: 76 Resp: 384203
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 298.586 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 63 Resp: 1052309
Ion Ratio Lower Upper
63 100
106 26.4 21.1 31.7

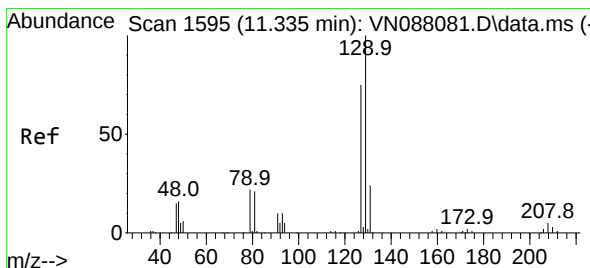
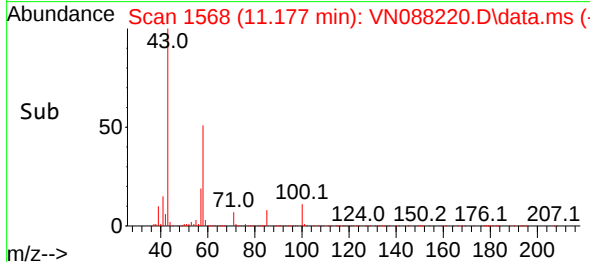
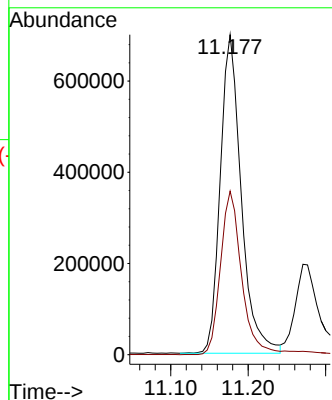
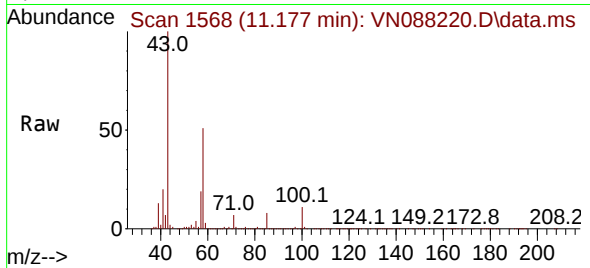




#59
2-Hexanone
Concen: 281.540 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

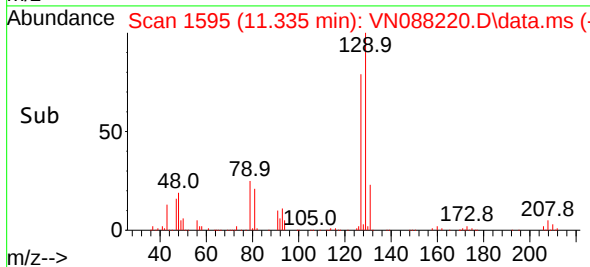
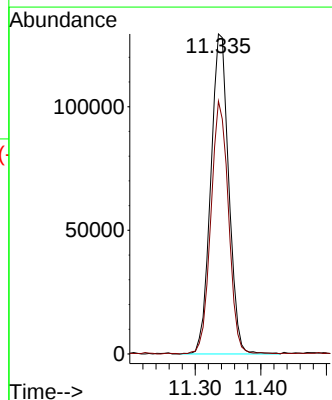
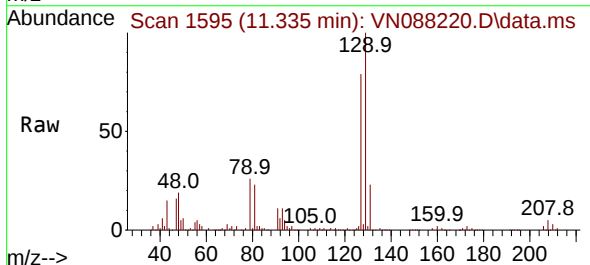
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

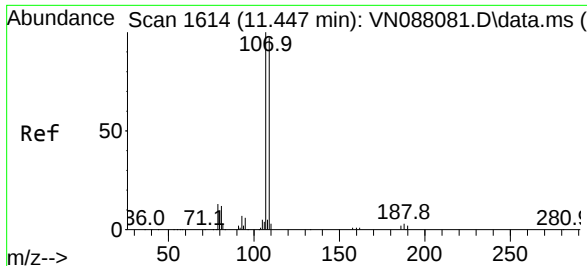
Tgt Ion: 43 Resp: 1316826
Ion Ratio Lower Upper
43 100
58 53.4 25.9 77.8



#60
Dibromochloromethane
Concen: 50.617 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion:129 Resp: 246322
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.3

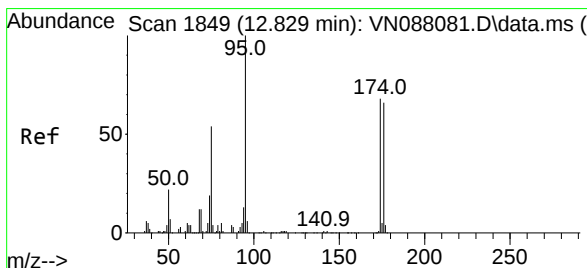
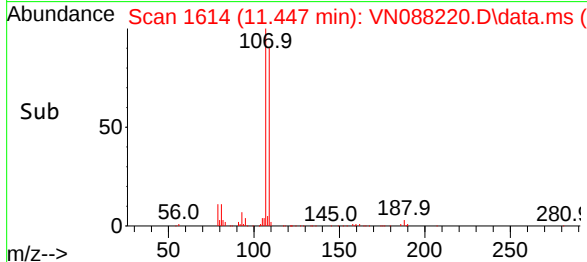
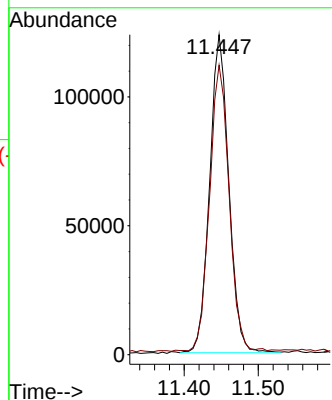
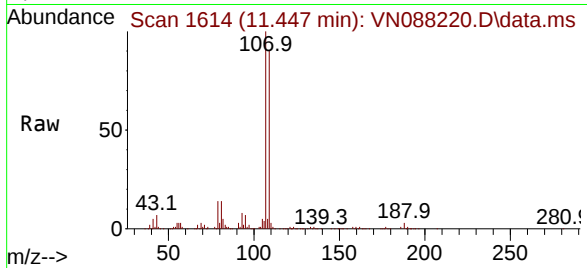




#61
1,2-Dibromoethane
Concen: 50.349 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

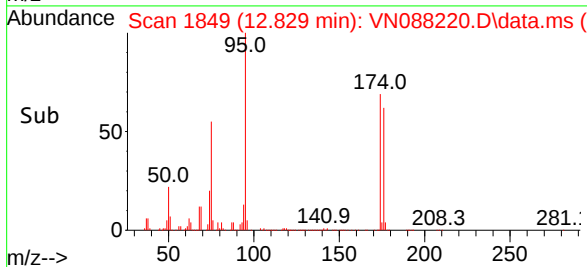
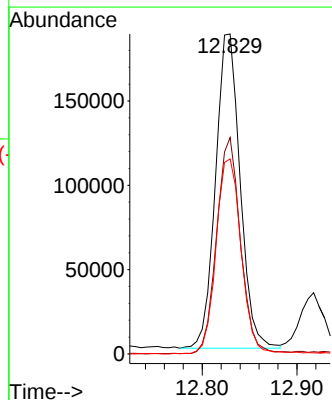
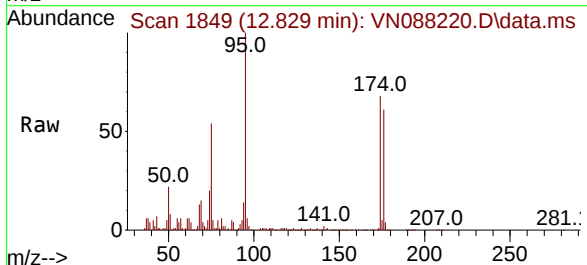
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

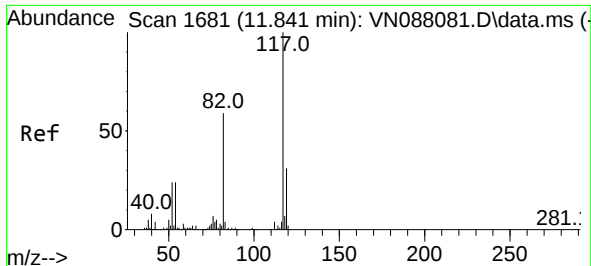
Tgt Ion:107 Resp: 221855
Ion Ratio Lower Upper
107 100
109 91.5 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 60.106 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 95 Resp: 336679
Ion Ratio Lower Upper
95 100
174 66.4 0.0 138.4
176 64.0 0.0 132.6

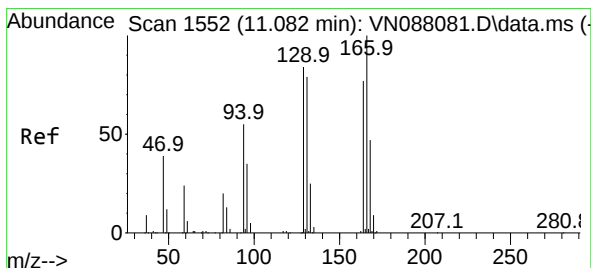
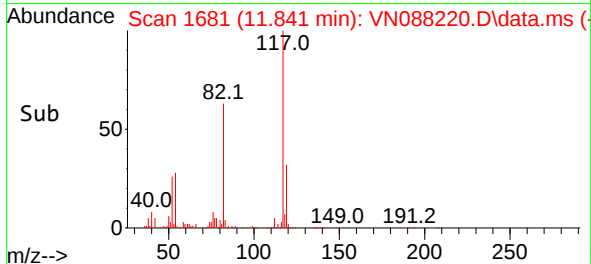
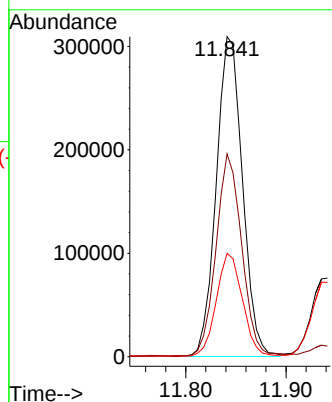
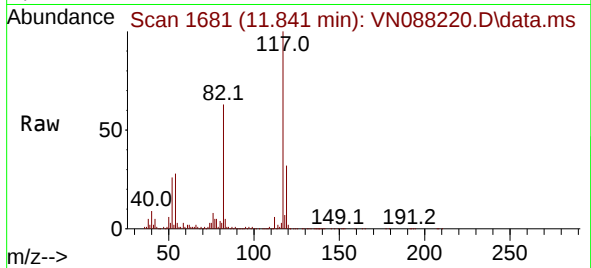




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

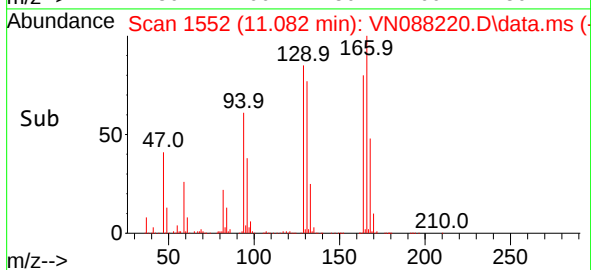
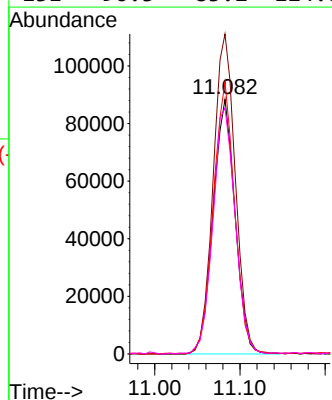
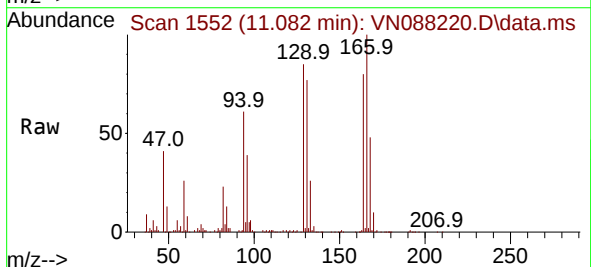
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

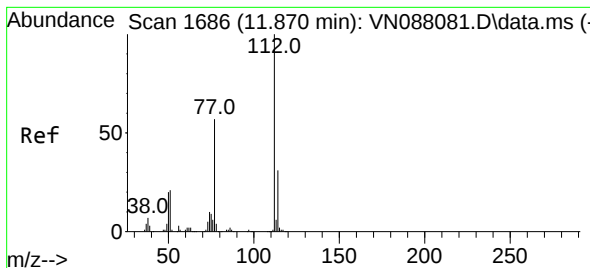
Tgt Ion:117 Resp: 560837
Ion Ratio Lower Upper
117 100
82 63.0 47.4 71.2
119 32.2 24.3 36.5



#64
Tetrachloroethene
Concen: 42.684 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion:164 Resp: 157906
Ion Ratio Lower Upper
164 100
166 125.7 97.7 146.5
129 106.6 85.9 128.9
131 96.3 83.2 124.8

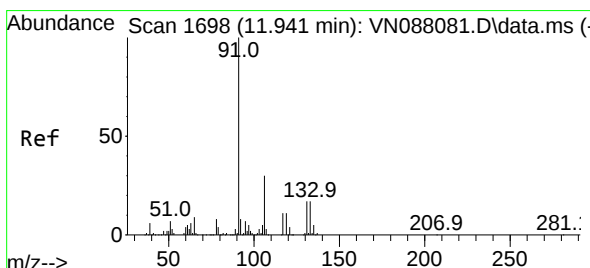
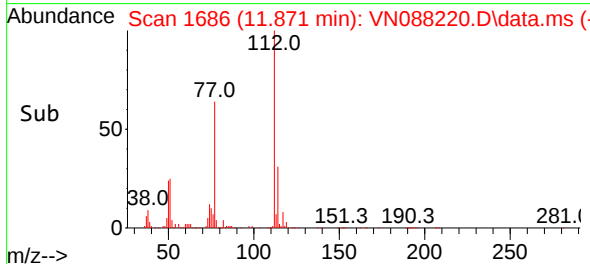
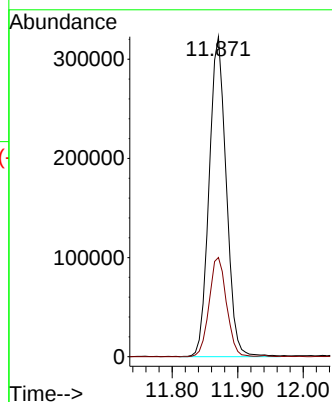
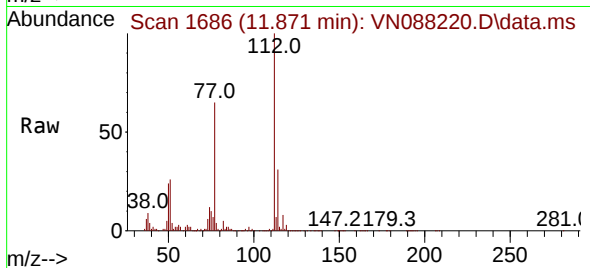




#65
Chlorobenzene
Concen: 46.074 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

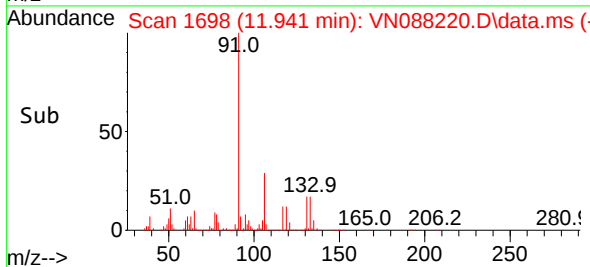
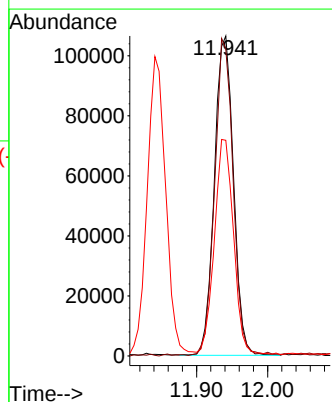
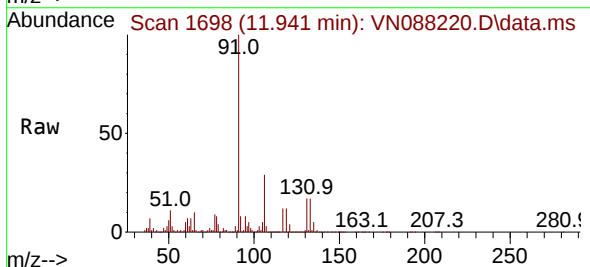
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 586744
Ion Ratio Lower Upper
112 100
114 31.0 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 47.524 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion:131 Resp: 198281
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.0
119 67.3 32.6 97.7

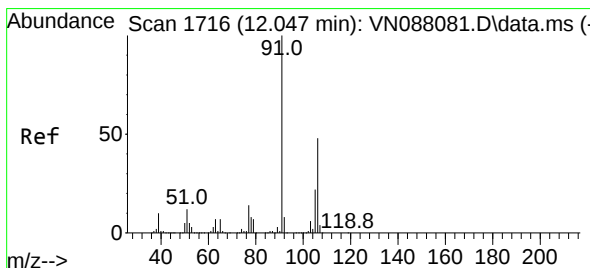
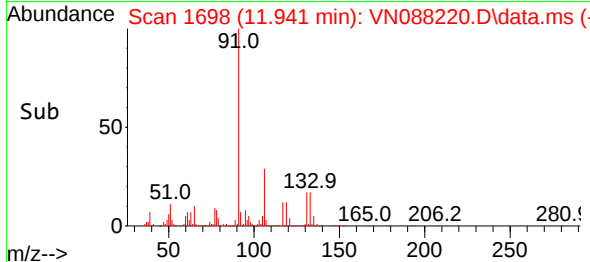
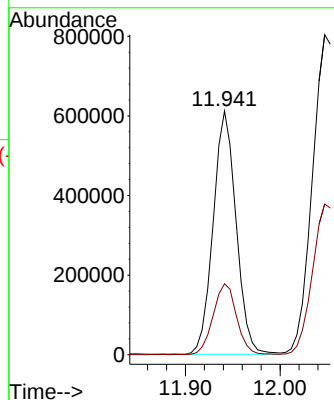
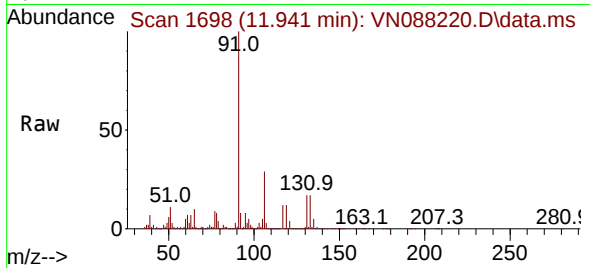




#67
Ethyl Benzene
Concen: 46.020 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

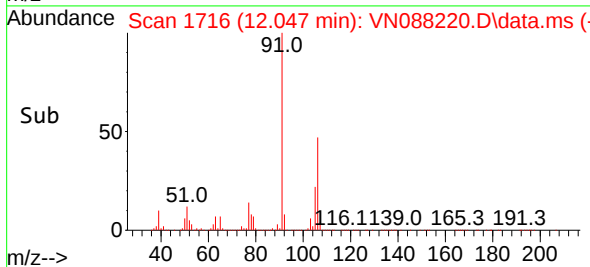
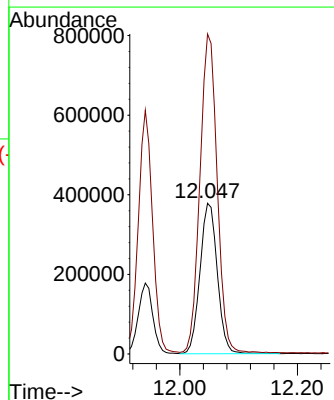
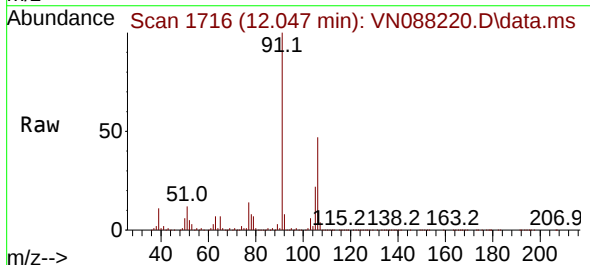
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

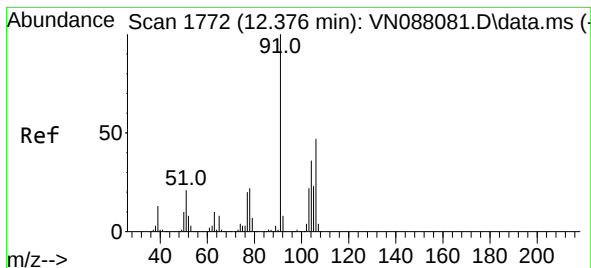
Tgt Ion: 91 Resp: 1028724
Ion Ratio Lower Upper
91 100
106 29.1 24.1 36.1



#68
m/p-Xylenes
Concen: 92.247 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 106 Resp: 772615
Ion Ratio Lower Upper
106 100
91 211.1 169.3 253.9

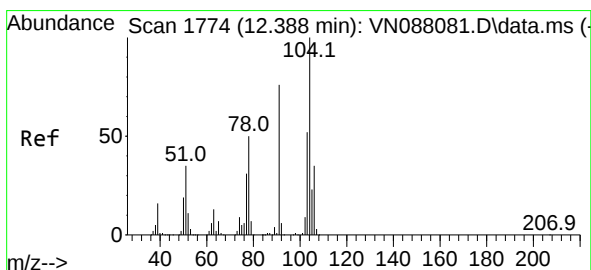
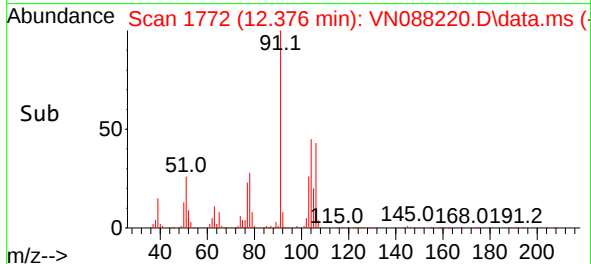
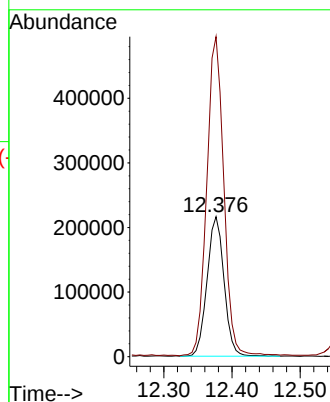
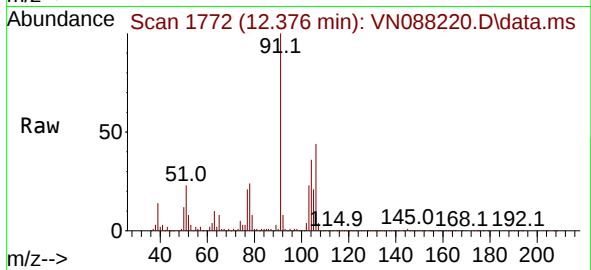




#69
o-Xylene
Concen: 47.157 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

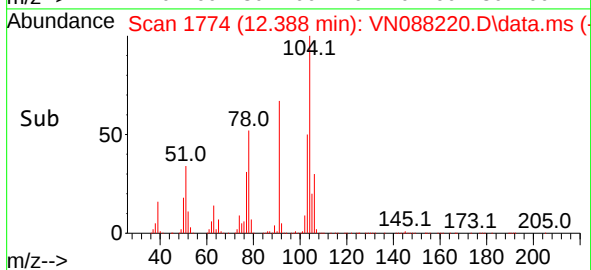
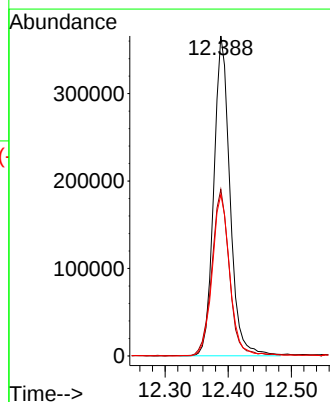
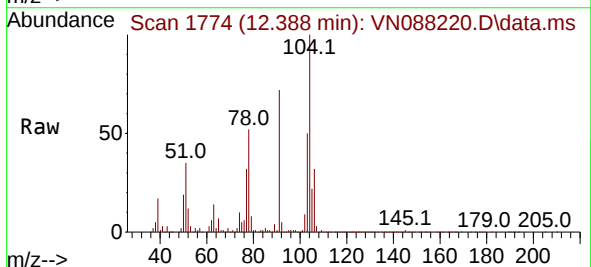
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

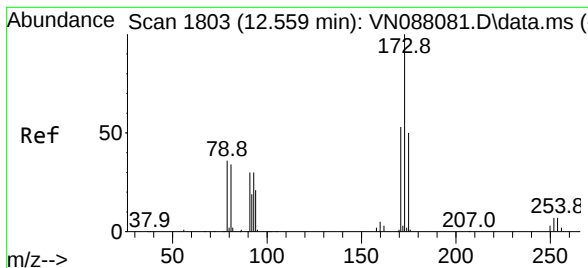
Tgt Ion:106 Resp: 374412
Ion Ratio Lower Upper
106 100
91 229.1 111.4 334.2



#70
Styrene
Concen: 50.363 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion:104 Resp: 652050
Ion Ratio Lower Upper
104 100
78 55.5 42.2 63.2
103 55.2 43.4 65.2





#71

Bromoform

Concen: 50.953 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088220.D

Acq: 06 Nov 2025 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

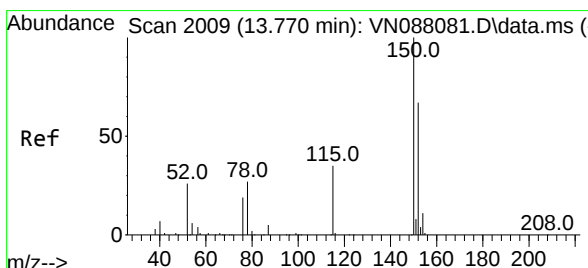
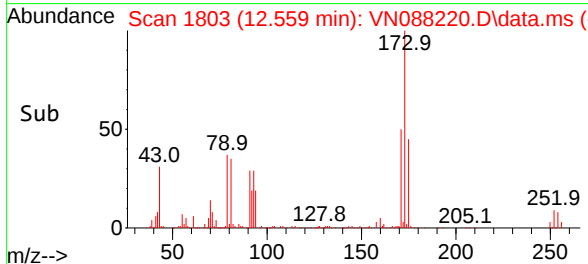
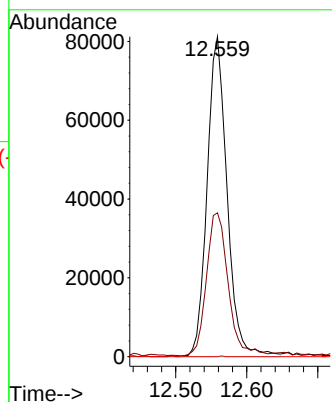
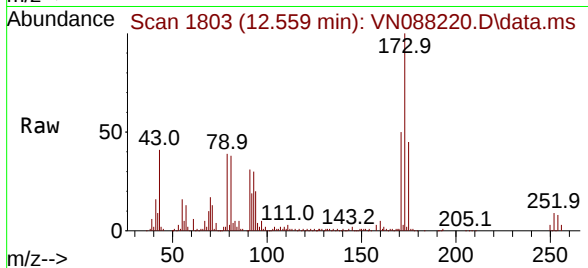
Tgt Ion:173 Resp: 158646

Ion Ratio Lower Upper

173 100

175 48.3 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN088220.D

Acq: 06 Nov 2025 20:00

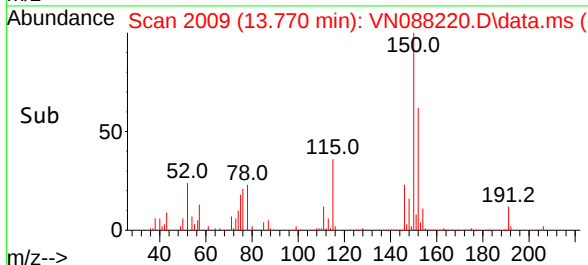
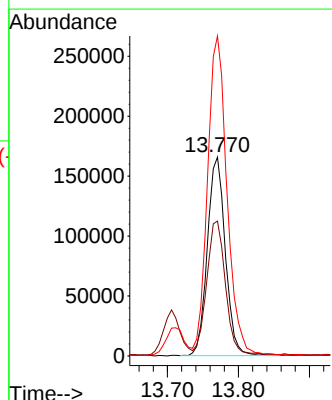
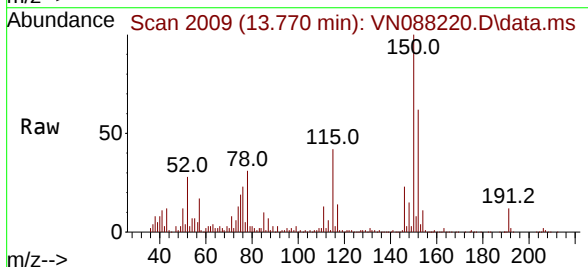
Tgt Ion:152 Resp: 291730

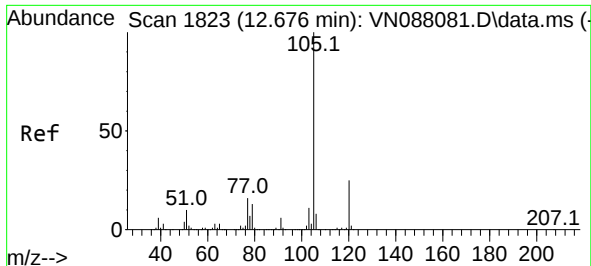
Ion Ratio Lower Upper

152 100

115 69.9 32.3 96.8

150 173.7 0.0 351.0

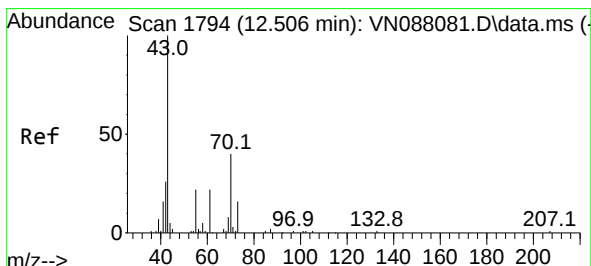
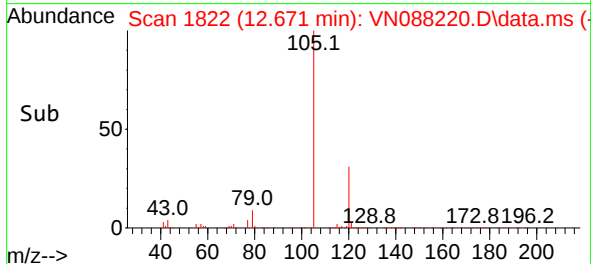
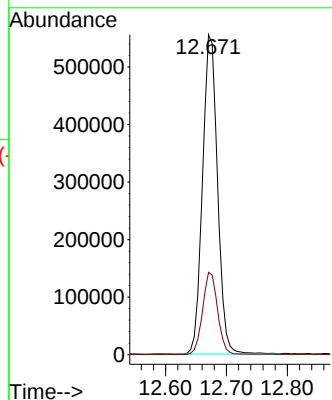
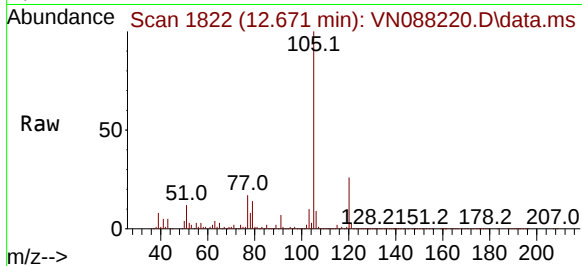




#73
Isopropylbenzene
Concen: 42.233 ug/l
RT: 12.671 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

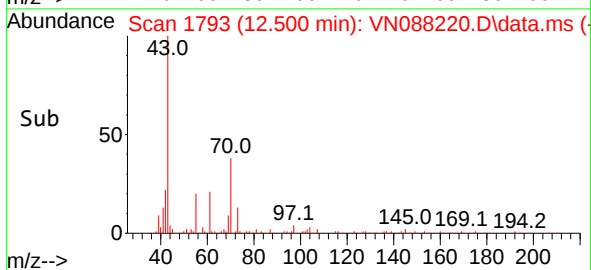
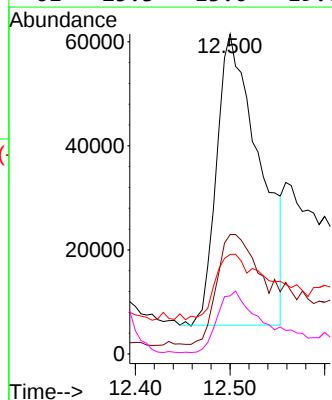
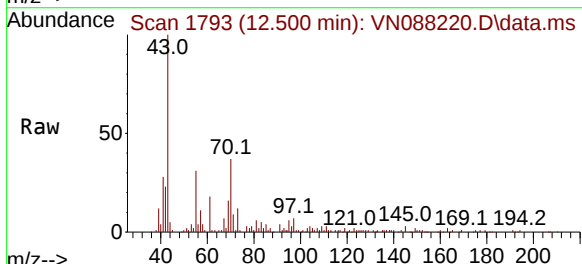
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

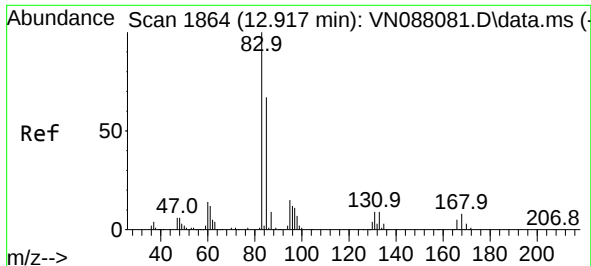
Tgt Ion:105 Resp: 950266
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.3



#74
N-ethyl acetate
Concen: 27.535 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 43 Resp: 175876
Ion Ratio Lower Upper
43 100
70 36.4 27.6 41.4
55 31.6 13.0 19.6#
61 25.3 13.0 19.6#

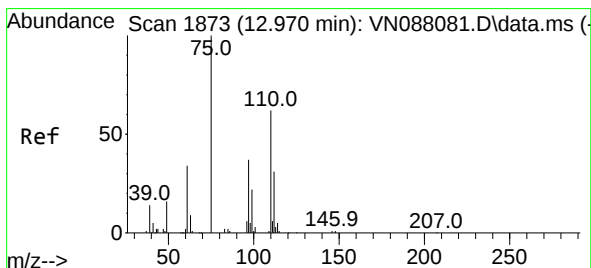
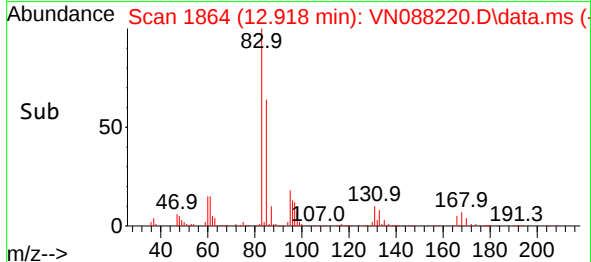
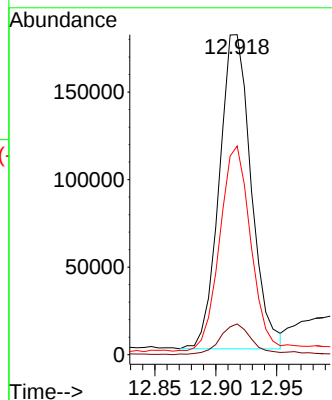
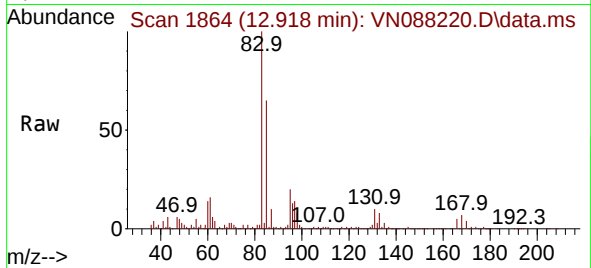




#75
1,1,2,2-Tetrachloroethane
Concen: 46.653 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

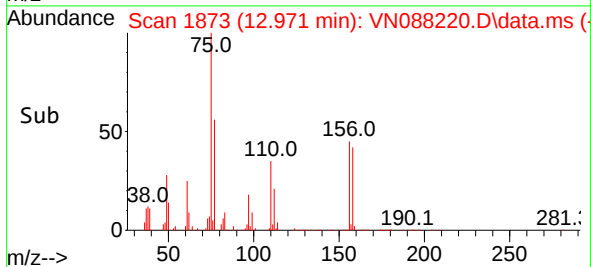
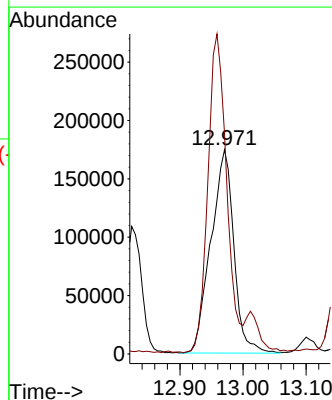
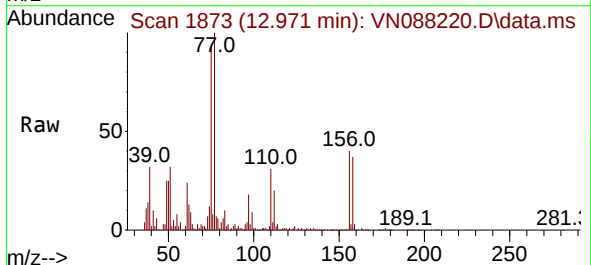
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

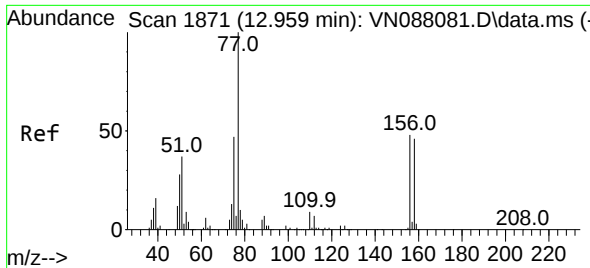
Tgt Ion: 83 Resp: 326812
Ion Ratio Lower Upper
83 100
131 10.5 4.8 14.4
85 65.6 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 65.869 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 75 Resp: 439339
Ion Ratio Lower Upper
75 100
77 128.8 89.1 267.4

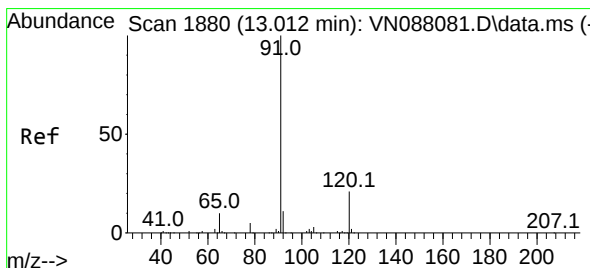
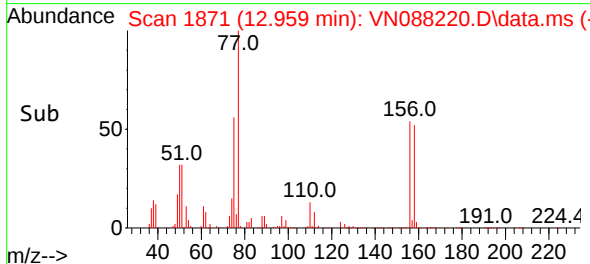
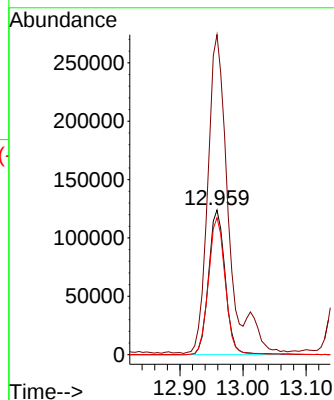
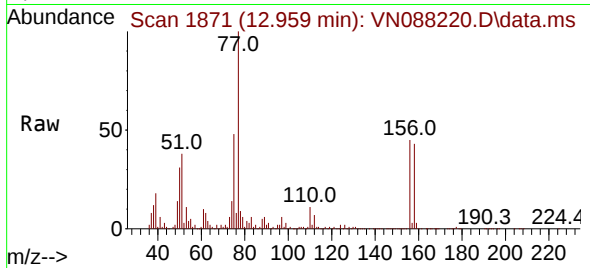




#77
Bromobenzene
Concen: 46.560 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

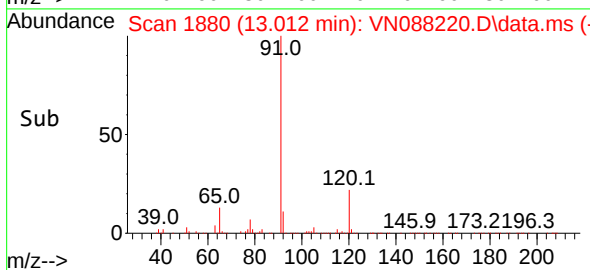
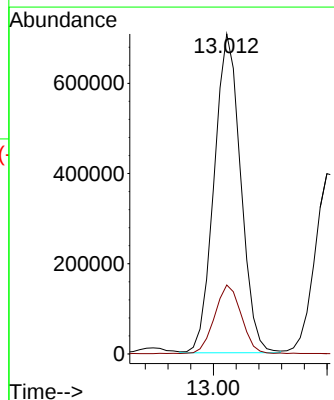
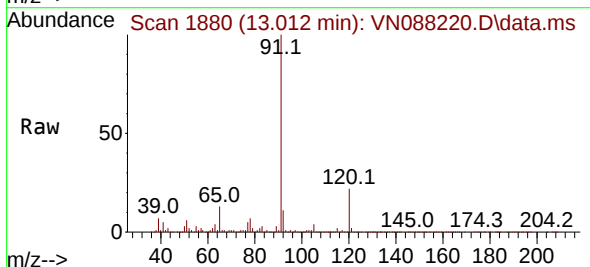
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

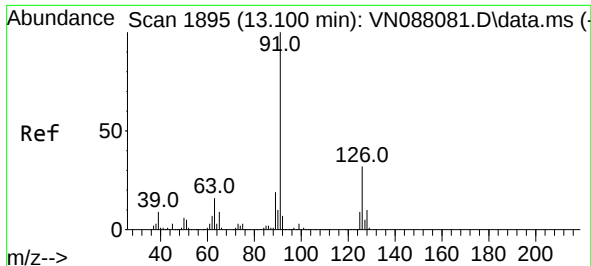
Tgt Ion:156 Resp: 225908
Ion Ratio Lower Upper
156 100
77 250.5 119.3 358.0
158 95.7 48.2 144.6



#78
n-propylbenzene
Concen: 41.854 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 91 Resp: 1149246
Ion Ratio Lower Upper
91 100
120 22.3 10.7 32.1

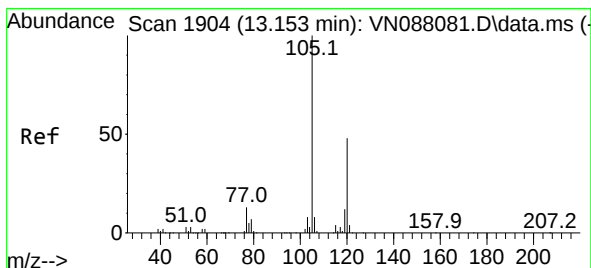
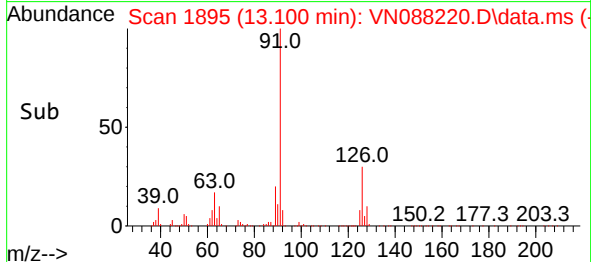
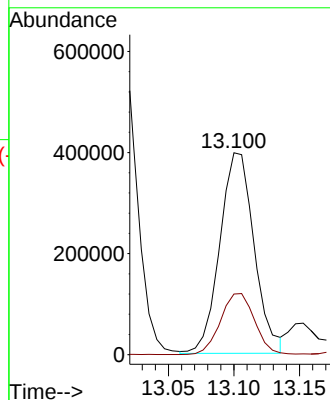
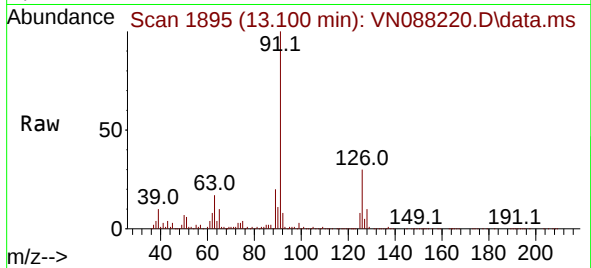




#79
2-Chlorotoluene
Concen: 46.196 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

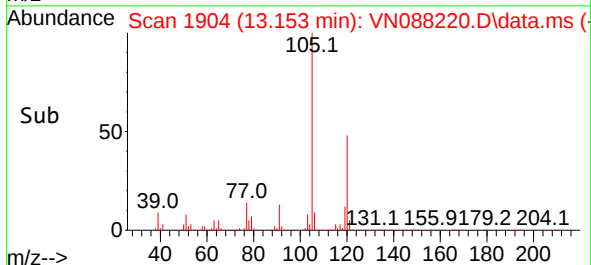
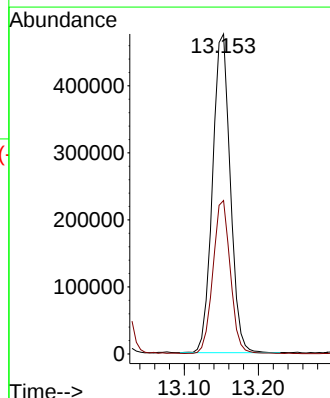
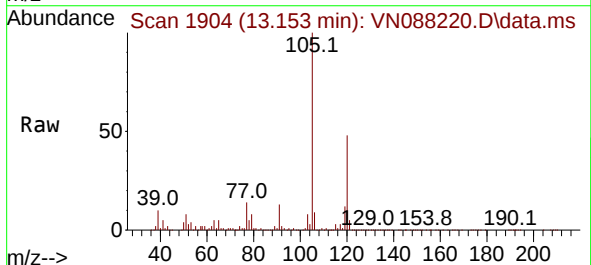
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

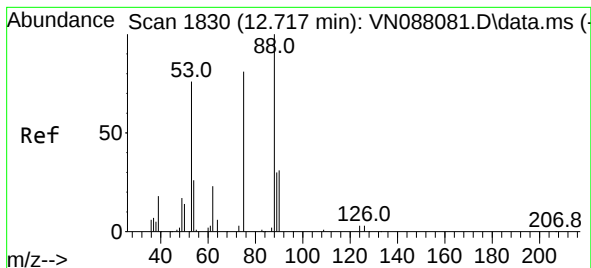
Tgt Ion: 91 Resp: 723382
Ion Ratio Lower Upper
91 100
126 30.4 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 42.245 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion:105 Resp: 789422
Ion Ratio Lower Upper
105 100
120 47.2 23.2 69.6

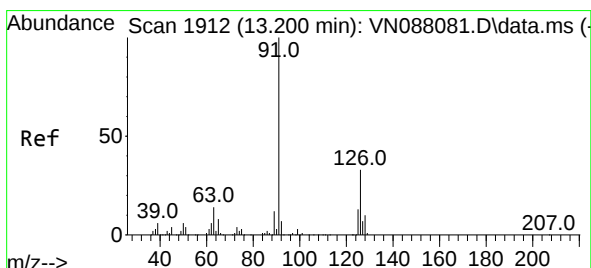
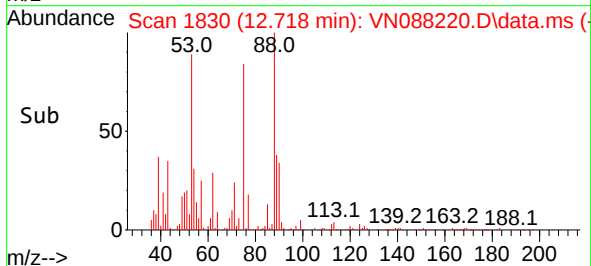
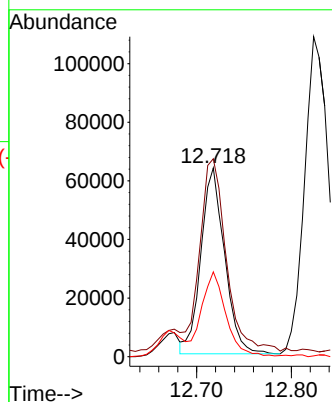
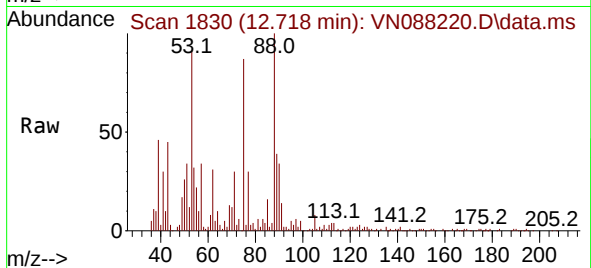




#81
trans-1,4-Dichloro-2-butene
Concen: 46.157 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

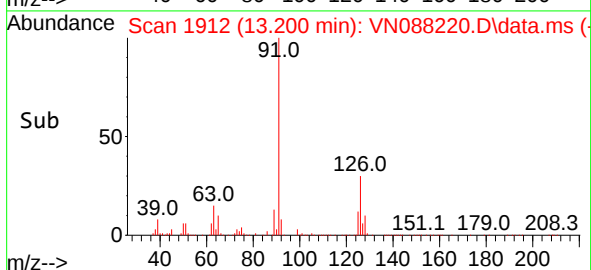
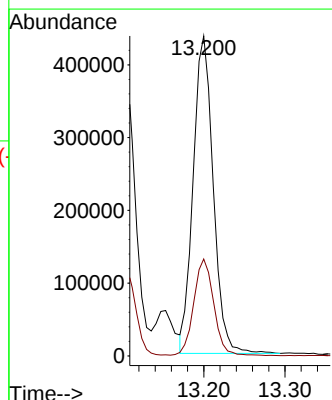
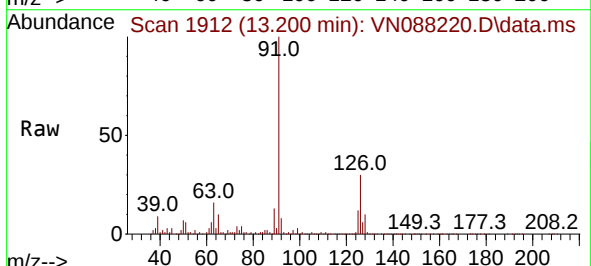
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

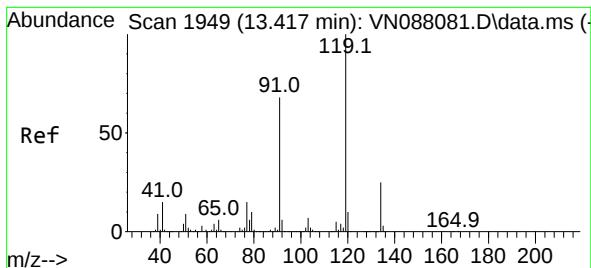
Tgt Ion: 75 Resp: 110362
Ion Ratio Lower Upper
75 100
53 115.0 101.8 152.6
89 46.5 35.6 53.4



#82
4-Chlorotoluene
Concen: 44.263 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion: 91 Resp: 749888
Ion Ratio Lower Upper
91 100
126 30.5 15.6 46.8

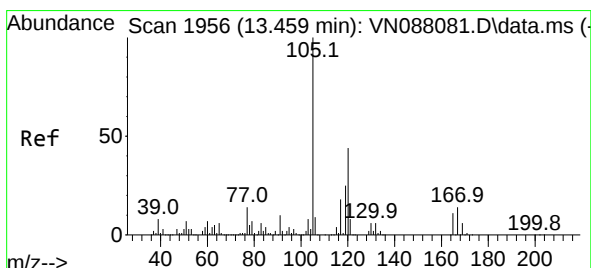
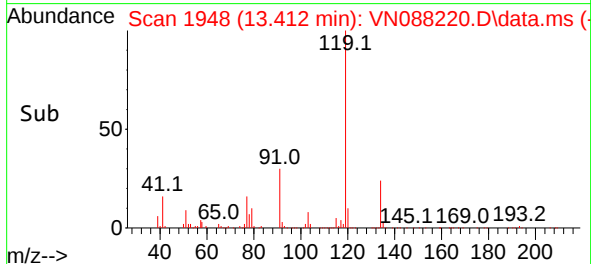
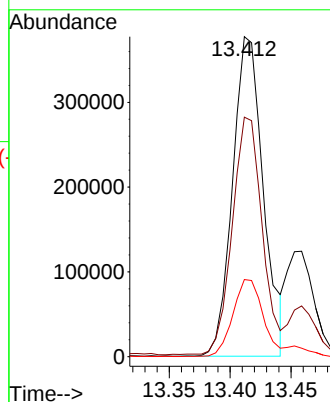
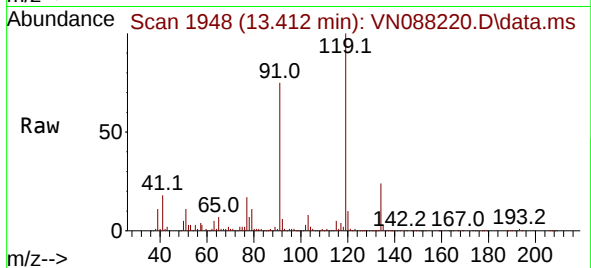




#83
tert-Butylbenzene
Concen: 39.631 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

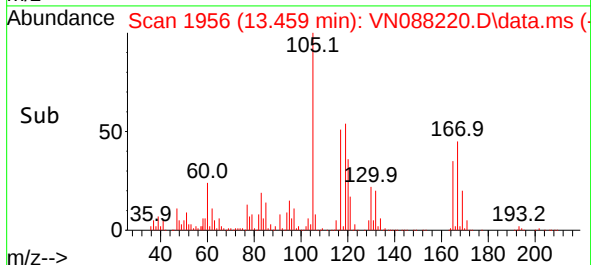
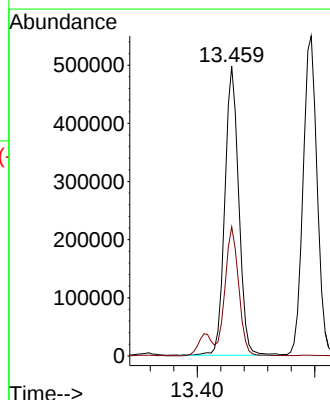
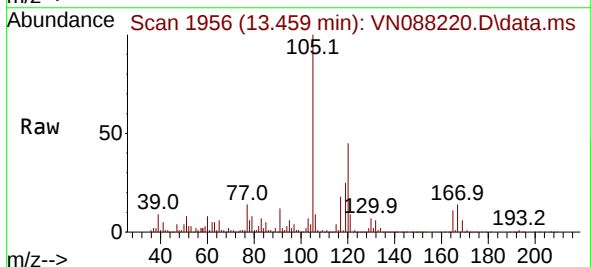
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

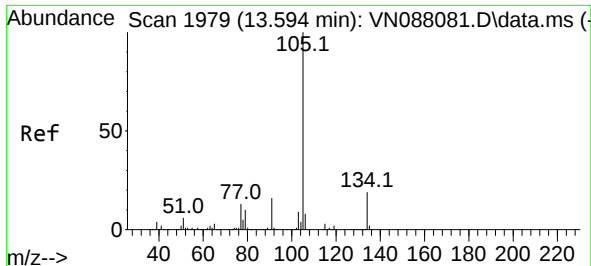
Tgt Ion:119 Resp: 661556
Ion Ratio Lower Upper
119 100
91 72.4 35.0 105.0
134 26.0 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 43.802 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion:105 Resp: 818932
Ion Ratio Lower Upper
105 100
120 43.6 22.0 66.0

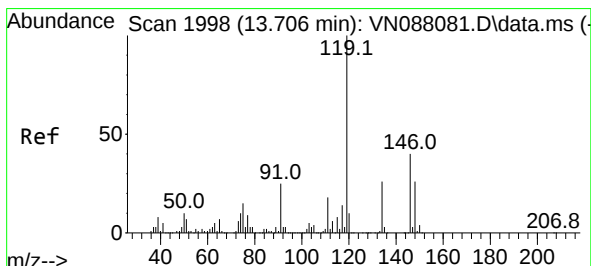
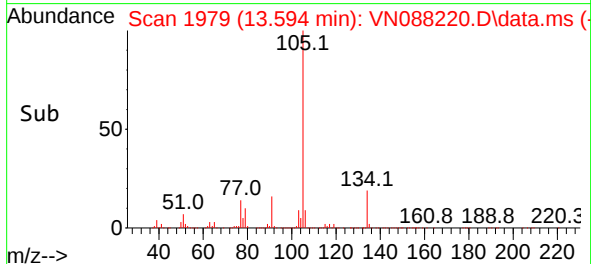
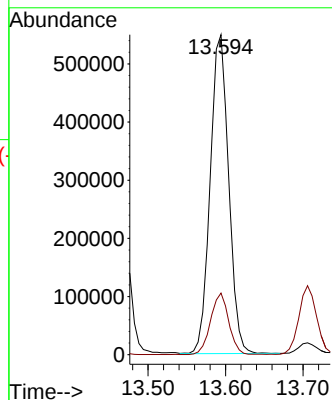
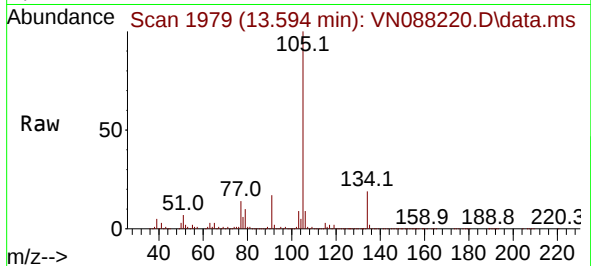




#85
 sec-Butylbenzene
 Concen: 36.957 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088220.D
 Acq: 06 Nov 2025 20:00

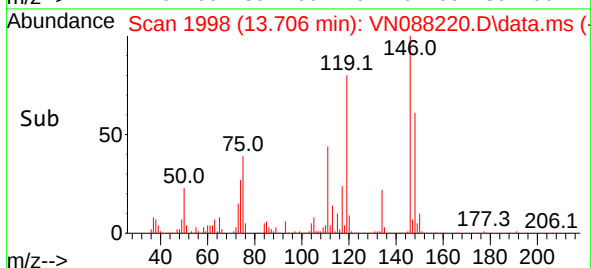
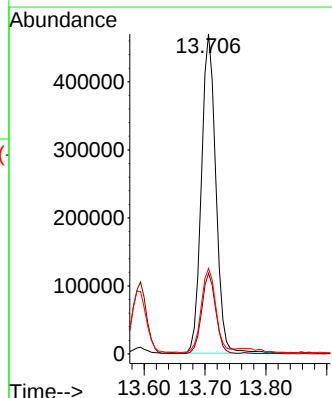
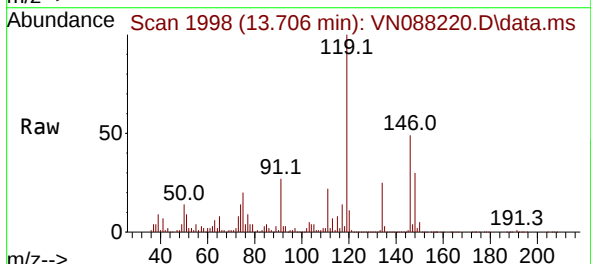
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

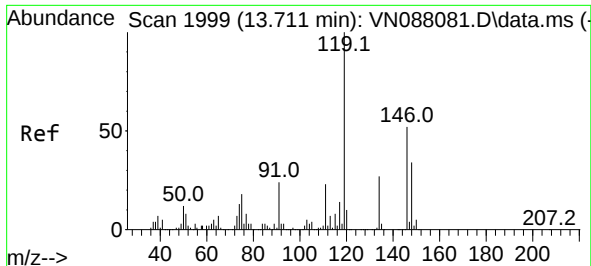
Tgt Ion:105 Resp: 906365
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 39.149 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088220.D
 Acq: 06 Nov 2025 20:00

Tgt Ion:119 Resp: 770231
 Ion Ratio Lower Upper
 119 100
 134 24.3 12.7 38.0
 91 26.9 12.5 37.5

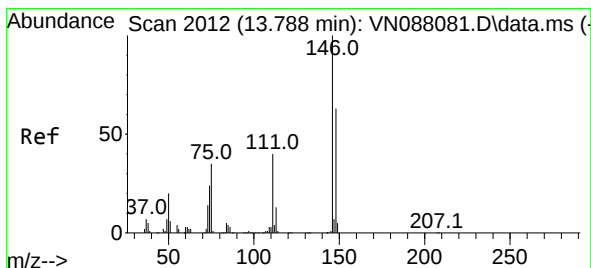
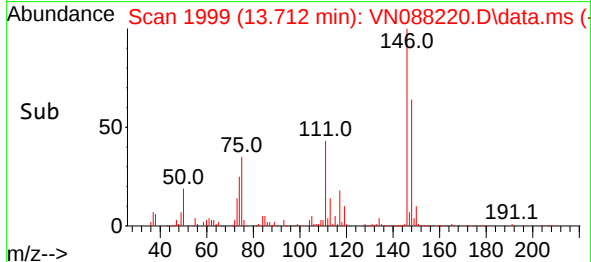
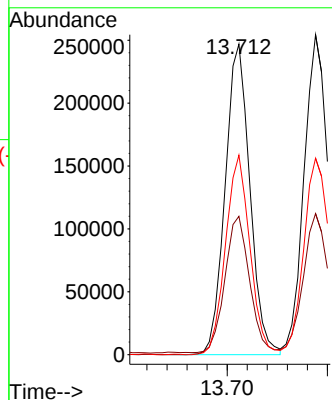
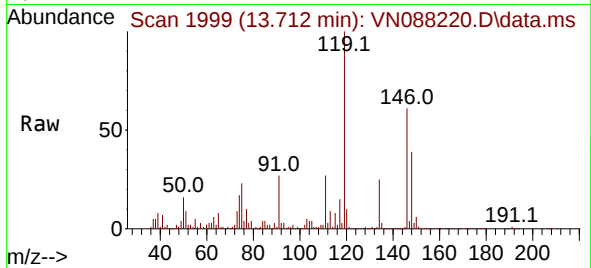




#87
 1,3-Dichlorobenzene
 Concen: 43.610 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN088220.D
 Acq: 06 Nov 2025 20:00

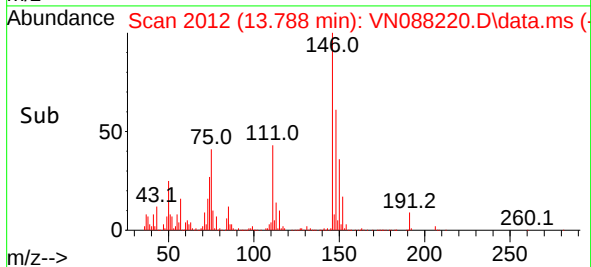
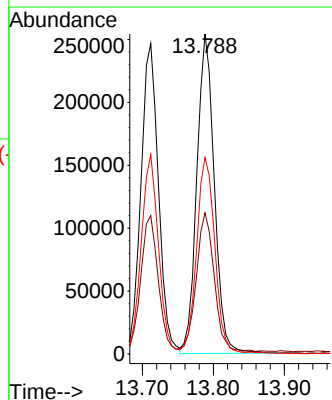
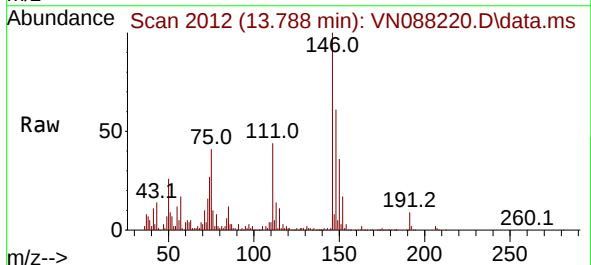
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

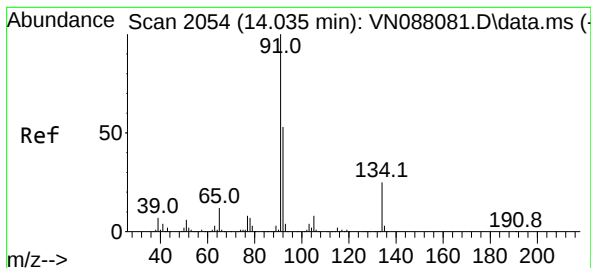
Tgt Ion:146 Resp: 422401
 Ion Ratio Lower Upper
 146 100
 111 43.4 22.1 66.5
 148 63.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 41.923 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN088220.D
 Acq: 06 Nov 2025 20:00

Tgt Ion:146 Resp: 436135
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.0 63.0
 148 62.8 32.0 96.0





#89

n-Butylbenzene

Concen: 36.600 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN088220.D

Acq: 06 Nov 2025 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

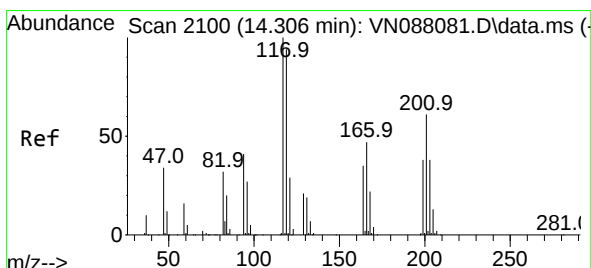
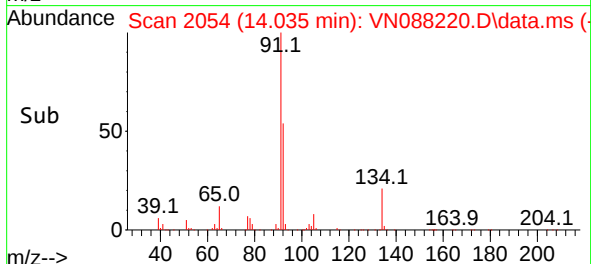
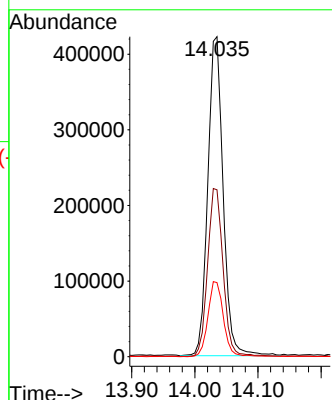
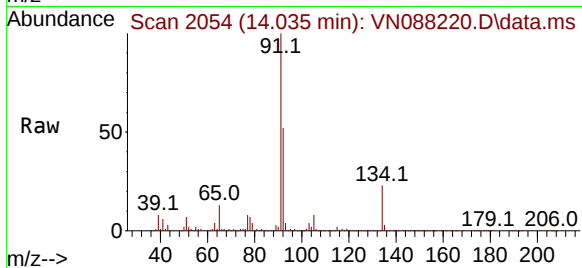
Tgt Ion: 91 Resp: 713276

Ion Ratio Lower Upper

91 100

92 53.1 25.9 77.8

134 23.8 11.7 35.0



#90

Hexachloroethane

Concen: 36.546 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN088220.D

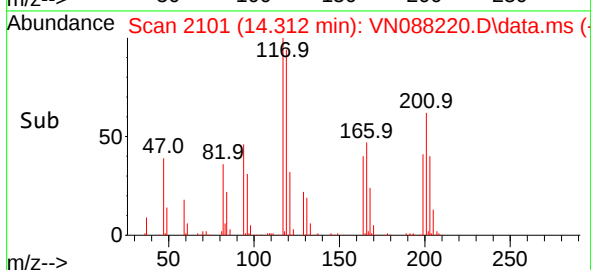
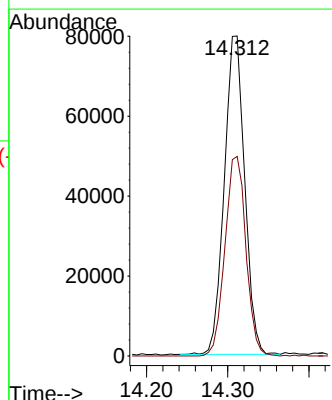
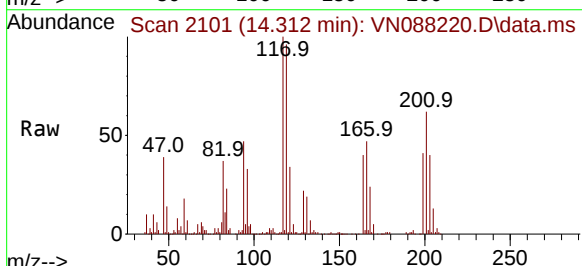
Acq: 06 Nov 2025 20:00

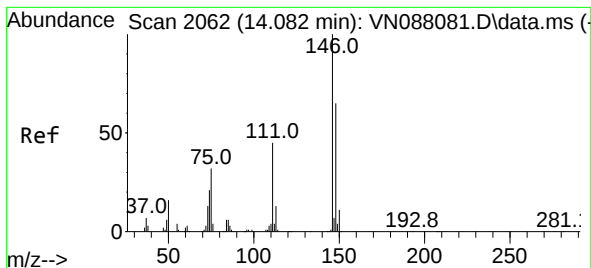
Tgt Ion: 117 Resp: 139240

Ion Ratio Lower Upper

117 100

201 64.4 29.1 87.4





#91

1,2-Dichlorobenzene

Concen: 44.093 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN088220.D

Acq: 06 Nov 2025 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

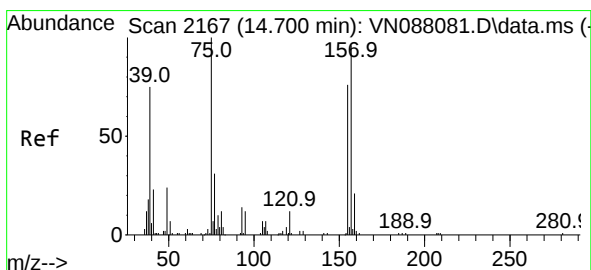
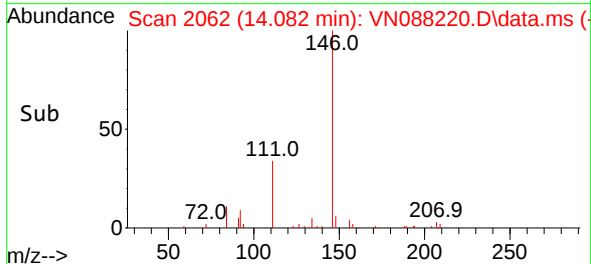
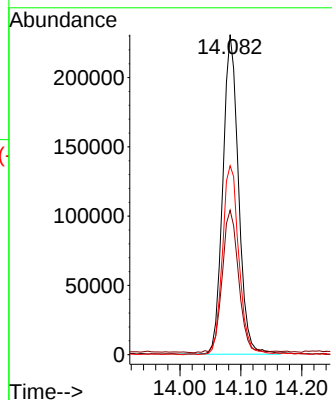
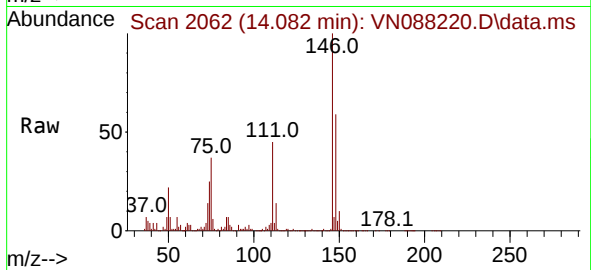
Tgt Ion:146 Resp: 411684

Ion Ratio Lower Upper

146 100

111 47.5 22.6 67.8

148 61.8 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.246 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VN088220.D

Acq: 06 Nov 2025 20:00

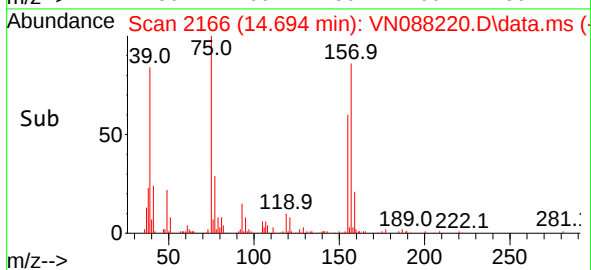
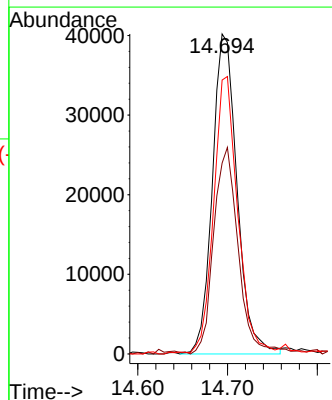
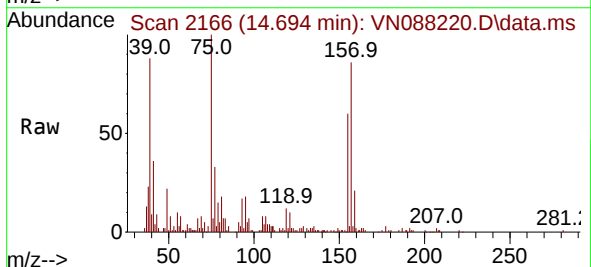
Tgt Ion: 75 Resp: 77033

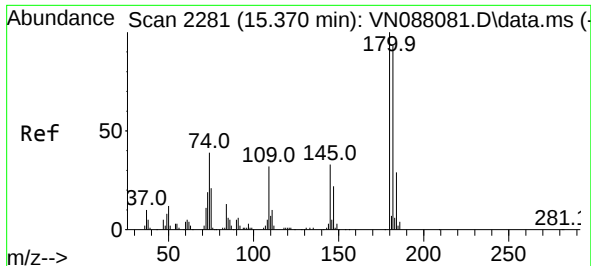
Ion Ratio Lower Upper

75 100

155 64.2 36.6 109.9

157 83.1 45.6 136.9

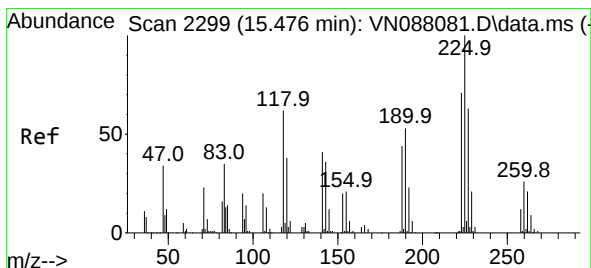
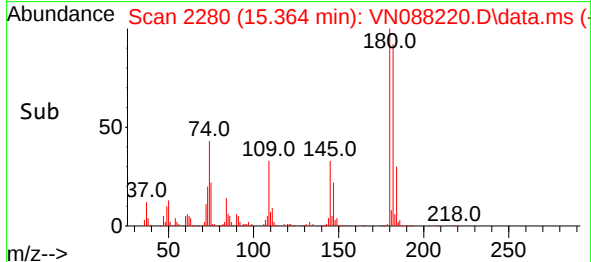
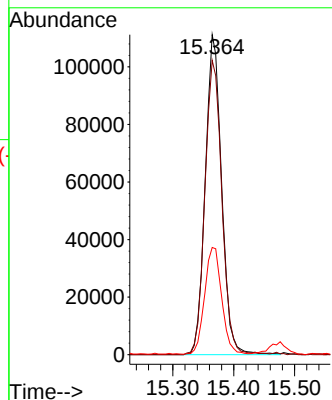
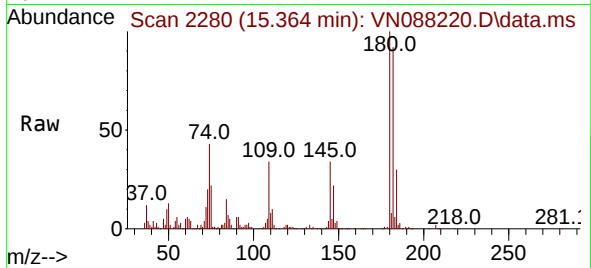




#93
1,2,4-Trichlorobenzene
Concen: 36.773 ug/l
RT: 15.364 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

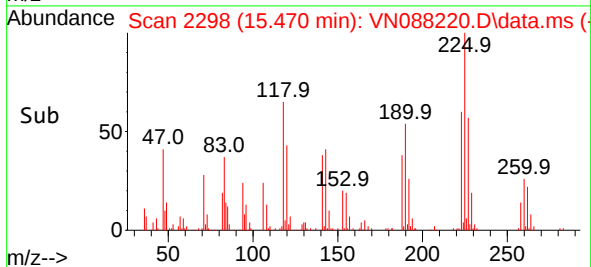
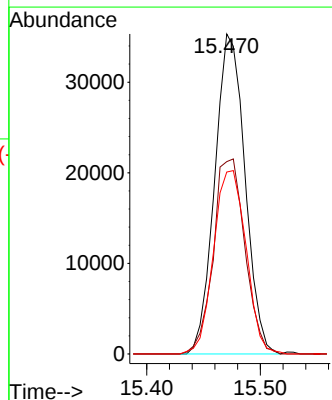
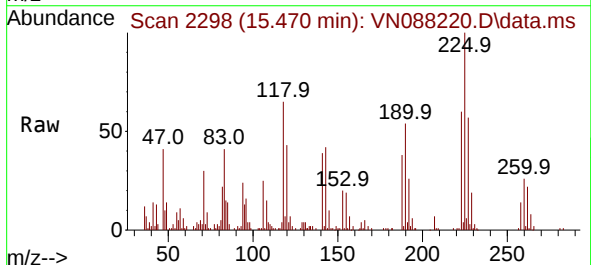
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

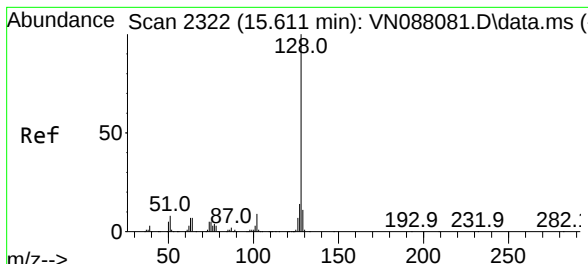
Tgt Ion:180 Resp: 207932
Ion Ratio Lower Upper
180 100
182 95.2 47.6 142.9
145 34.9 16.5 49.5



#94
Hexachlorobutadiene
Concen: 31.024 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion:225 Resp: 65328
Ion Ratio Lower Upper
225 100
223 63.7 32.0 96.2
227 61.5 32.1 96.5

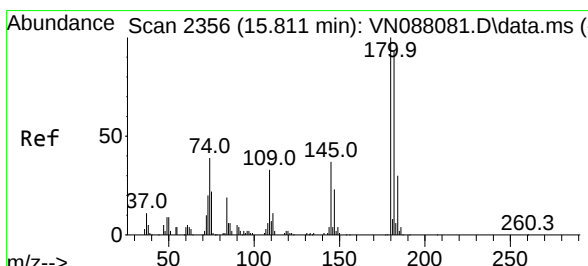
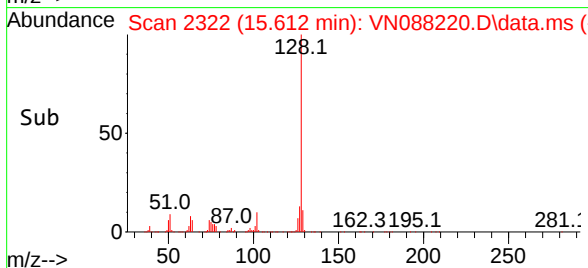
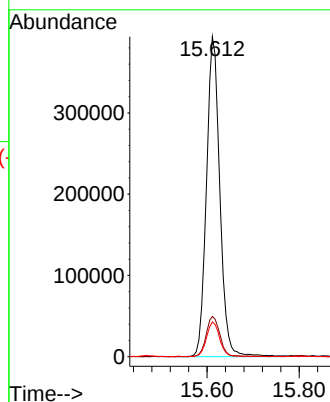
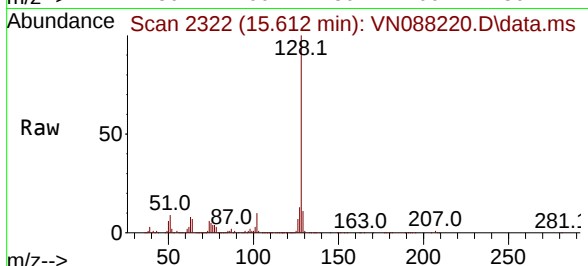




#95
Naphthalene
Concen: 41.178 ug/l
RT: 15.612 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	797648
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	15.8
129	10.8	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 35.546 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088220.D
Acq: 06 Nov 2025 20:00

Tgt Ion:	180	Resp:	192723
Ion Ratio	Lower	Upper	
180	100		
182	94.9	46.8	140.3
145	37.9	17.3	52.0

