

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111025\
 Data File : VN088235.D
 Acq On : 10 Nov 2025 12:28
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Nov 11 03:49:45 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	8.200	168	279424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	521240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	458214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	227290	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	286725	59.341	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.680%	
35) Dibromofluoromethane	8.147	113	194660	55.590	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.180%	
50) Toluene-d8	10.547	98	709500	52.584	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.160%	
62) 4-Bromofluorobenzene	12.829	95	262201	55.025	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	156731	49.726	ug/l	97
3) Chloromethane	2.383	50	202340	54.567	ug/l	98
4) Vinyl Chloride	2.536	62	208531	51.614	ug/l	96
5) Bromomethane	2.965	94	110433	45.698	ug/l	94
6) Chloroethane	3.130	64	137010	47.067	ug/l	97
7) Trichlorofluoromethane	3.506	101	307717	47.753	ug/l	95
8) Diethyl Ether	3.959	74	126337	52.751	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	168476	50.667	ug/l	98
10) Methyl Iodide	4.577	142	176445	58.062	ug/l	99
11) Tert butyl alcohol	5.524	59	250228	300.604	ug/l	98
12) 1,1-Dichloroethene	4.336	96	162560	46.286	ug/l	95
13) Acrolein	4.177	56	280197	299.252	ug/l	98
14) Allyl chloride	5.006	41	342020	55.560	ug/l	98
15) Acrylonitrile	5.706	53	673457	297.008	ug/l	99
16) Acetone	4.418	43	694062	285.923	ug/l	99
17) Carbon Disulfide	4.700	76	518522	48.569	ug/l	100
18) Methyl Acetate	5.012	43	320007	64.393	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	738151	57.230	ug/l	99
20) Methylene Chloride	5.259	84	217018	53.259	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	193347	50.155	ug/l	95
22) Diisopropyl ether	6.653	45	757521	58.514	ug/l	98
23) Vinyl Acetate	6.588	43	3504512	300.519	ug/l	99
24) 1,1-Dichloroethane	6.547	63	408885	57.017	ug/l	99
25) 2-Butanone	7.465	43	955393	298.653	ug/l	97
26) 2,2-Dichloropropane	7.471	77	360956	55.388	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	238750	53.797	ug/l	92
28) Bromochloromethane	7.794	49	185089	54.623	ug/l	97
29) Tetrahydrofuran	7.824	42	596808	286.266	ug/l	99
30) Chloroform	7.947	83	409442	57.151	ug/l	96
31) Cyclohexane	8.235	56	329701	48.747	ug/l	96
32) 1,1,1-Trichloroethane	8.147	97	346647	54.327	ug/l	99
36) 1,1-Dichloropropene	8.353	75	277356	54.246	ug/l	99
37) Ethyl Acetate	7.541	43	374182	56.710	ug/l	99
38) Carbon Tetrachloride	8.341	117	295558	55.969	ug/l	96
39) Methylcyclohexane	9.582	83	307375	46.770	ug/l	98
40) Benzene	8.588	78	850856	54.643	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	200624	57.772	ug/l	99
42) 1,2-Dichloroethane	8.653	62	334931	60.537	ug/l	99
43) Isopropyl Acetate	8.671	43	603854	59.559	ug/l	99
44) Trichloroethene	9.329	130	195339	53.671	ug/l	96
45) 1,2-Dichloropropane	9.600	63	227091	57.768	ug/l	98
46) Dibromomethane	9.688	93	160005	57.070	ug/l	98
47) Bromodichloromethane	9.865	83	336673	59.978	ug/l	95
48) Methyl methacrylate	9.659	41	285660	61.027	ug/l	99
49) 1,4-Dioxane	9.682	88	78681	1351.487	ug/l #	95
51) 4-Methyl-2-Pentanone	10.424	43	1840292	306.819	ug/l	99
52) Toluene	10.606	92	512658	53.400	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	357363	59.817	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	375498	59.231	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	203031	55.743	ug/l	97
56) Ethyl methacrylate	10.853	69	353693	61.364	ug/l	98
57) 1,3-Dichloropropane	11.141	76	364404	56.921	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	955648	318.749	ug/l	100
59) 2-Hexanone	11.176	43	1274932	320.422	ug/l	99
60) Dibromochloromethane	11.335	129	239440	57.838	ug/l	100
61) 1,2-Dibromoethane	11.447	107	212532	56.698	ug/l	98
64) Tetrachloroethene	11.082	164	155058	51.302	ug/l	95
65) Chlorobenzene	11.870	112	561293	53.947	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.941	131	196822	57.740	ug/l	99
67) Ethyl Benzene	11.941	91	992604	54.350	ug/l	99
68) m/p-Xylenes	12.047	106	736130	107.575	ug/l	98
69) o-Xylene	12.376	106	357703	55.143	ug/l	99
70) Styrene	12.388	104	612703	57.922	ug/l	98
71) Bromoform	12.559	173	154580	60.766	ug/l #	99
73) Isopropylbenzene	12.676	105	932839	53.213	ug/l	100
74) N-amyl acetate	12.500	43	169255	34.012	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.917	83	305126	55.907	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	428541	82.466	ug/l	62
77) Bromobenzene	12.959	156	211638	55.986	ug/l	94
78) n-propylbenzene	13.012	91	1145867	53.563	ug/l	100
79) 2-Chlorotoluene	13.100	91	698776	57.276	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	791007	54.331	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	106680	57.266	ug/l	88
82) 4-Chlorotoluene	13.200	91	716665	54.296	ug/l	100
83) tert-Butylbenzene	13.417	119	666402	51.240	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	802827	55.115	ug/l	97
85) sec-Butylbenzene	13.594	105	963662	50.433	ug/l	100
86) p-Isopropyltoluene	13.706	119	811689	52.953	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	411338	54.508	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	416336	51.367	ug/l	99
89) n-Butylbenzene	14.035	91	777443	51.203	ug/l	99
90) Hexachloroethane	14.311	117	158572	53.421	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	385733	53.027	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	71330	56.152	ug/l	96
93) 1,2,4-Trichlorobenzene	15.364	180	229826	52.168	ug/l	97
94) Hexachlorobutadiene	15.476	225	87507	53.339	ug/l	97
95) Naphthalene	15.617	128	794397	52.637	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	213580	50.562	ug/l	97

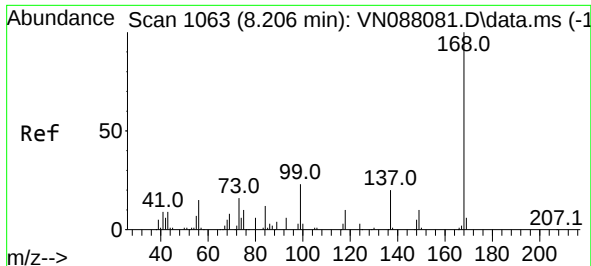
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Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

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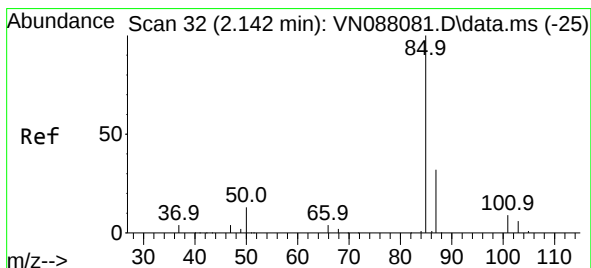
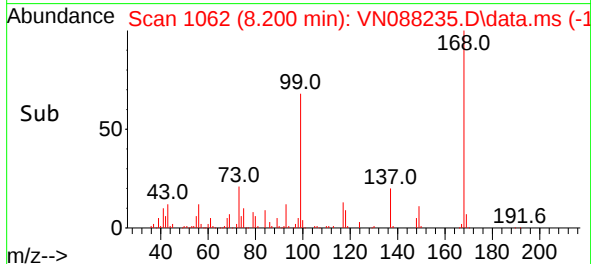
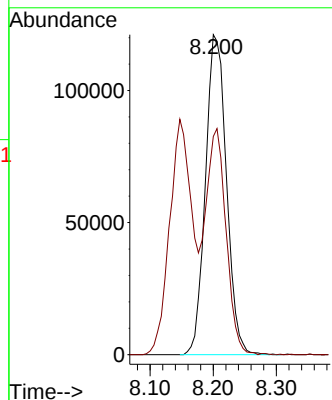
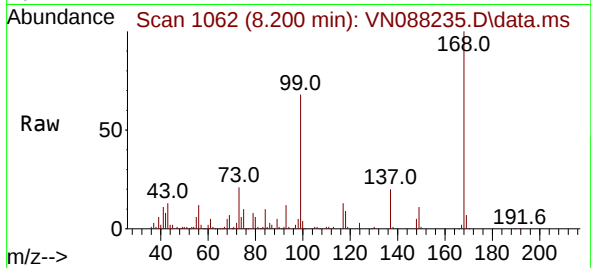
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

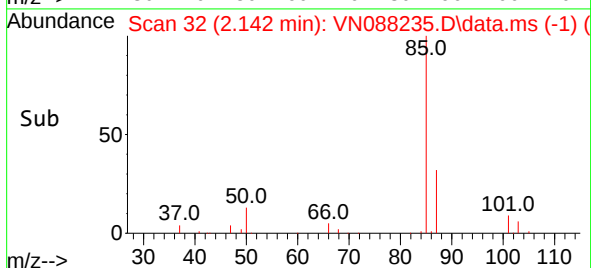
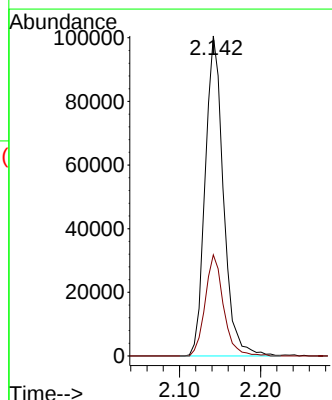
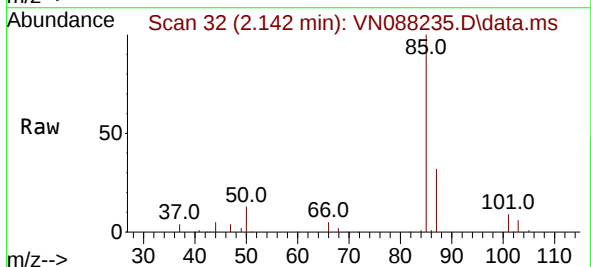
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MSVOA_N
ClientSampleId :
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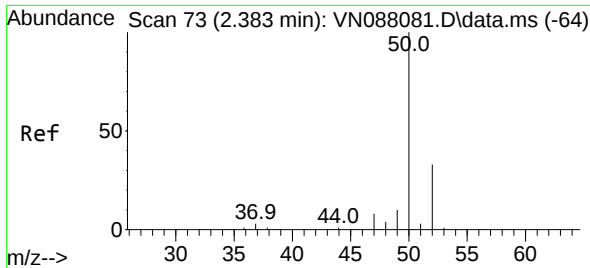
Tgt Ion:168 Resp: 279424
Ion Ratio Lower Upper
168 100
99 68.0 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 49.726 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion: 85 Resp: 156731
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.8

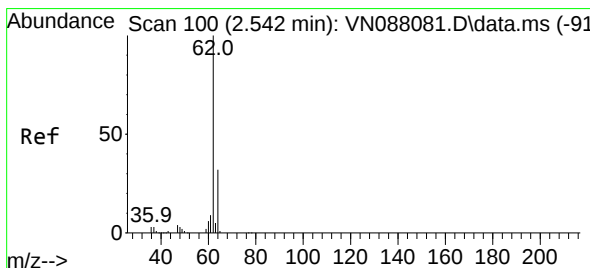
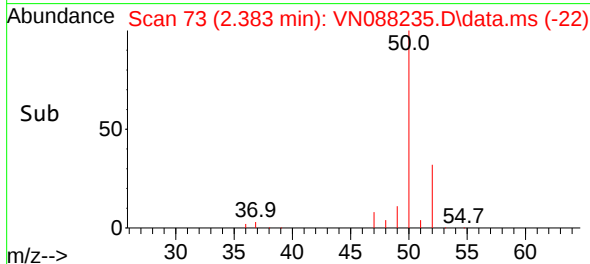
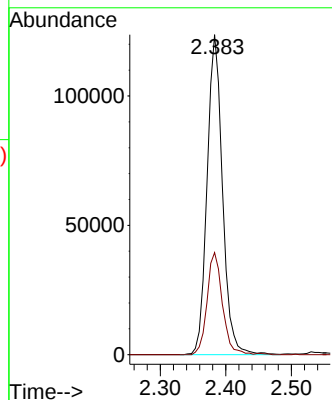
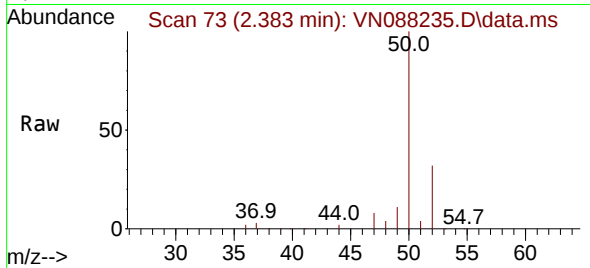




#3
Chloromethane
Concen: 54.567 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

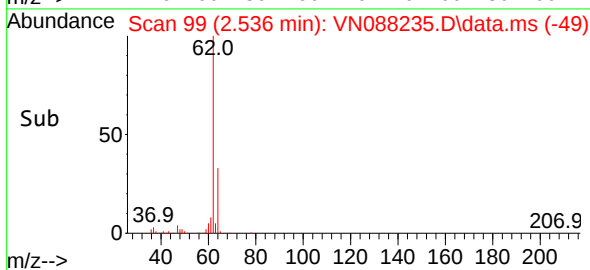
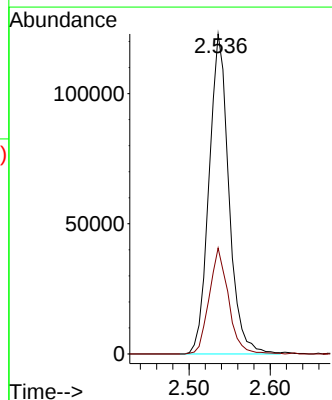
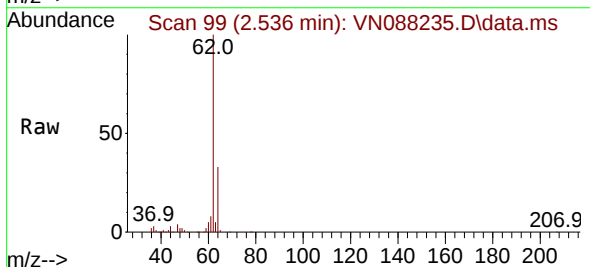
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

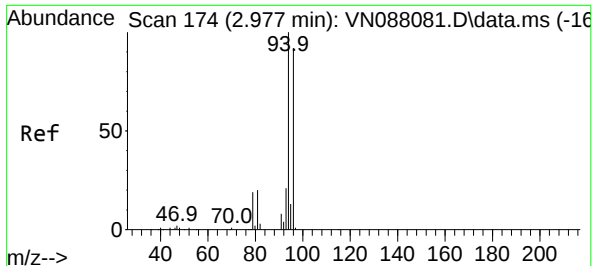
Tgt Ion: 50 Resp: 202340
Ion Ratio Lower Upper
50 100
52 31.9 26.2 39.4



#4
Vinyl Chloride
Concen: 51.614 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion: 62 Resp: 208531
Ion Ratio Lower Upper
62 100
64 33.1 24.6 37.0

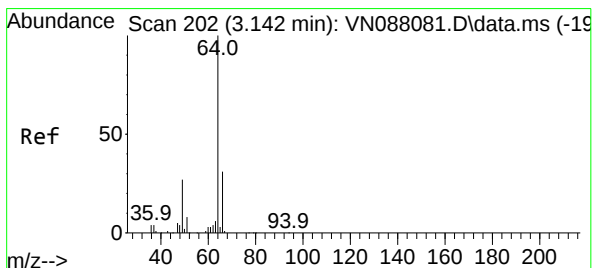
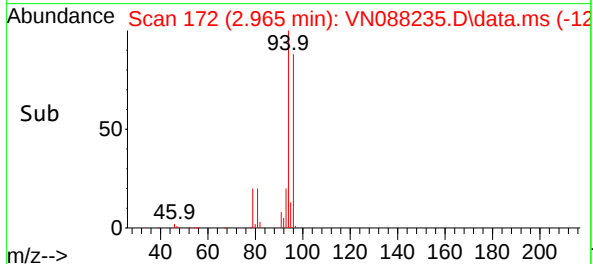
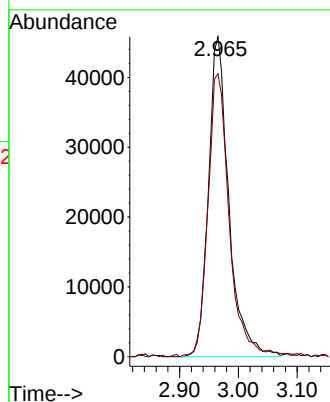
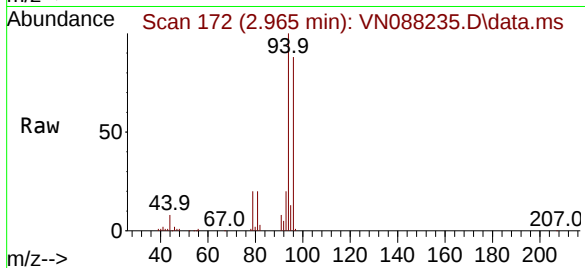




#5
Bromomethane
Concen: 45.698 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

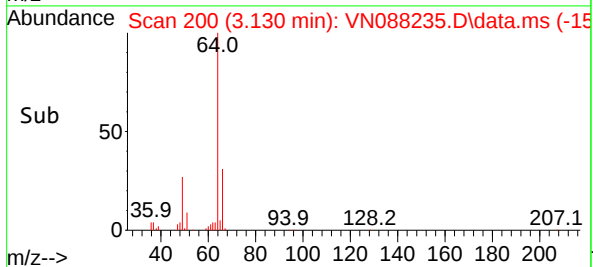
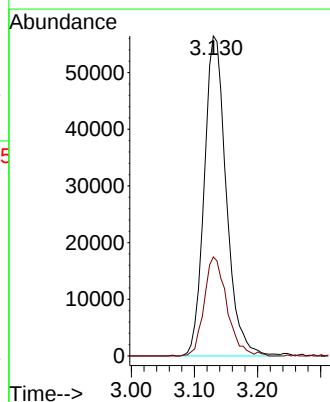
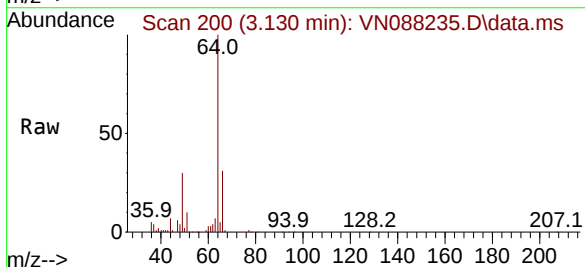
Instrument :
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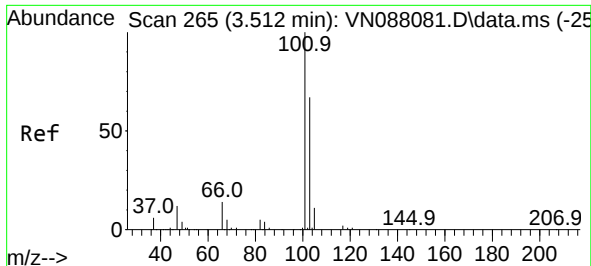
Tgt Ion: 94 Resp: 110433
Ion Ratio Lower Upper
94 100
96 88.4 75.4 113.2



#6
Chloroethane
Concen: 47.067 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion: 64 Resp: 137010
Ion Ratio Lower Upper
64 100
66 30.9 26.2 39.2

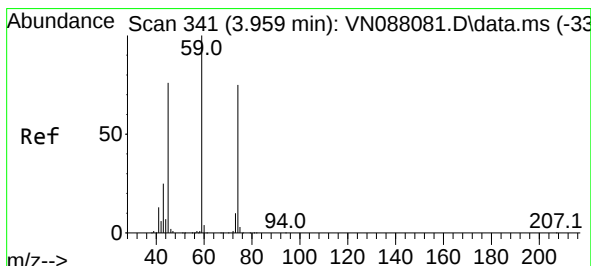
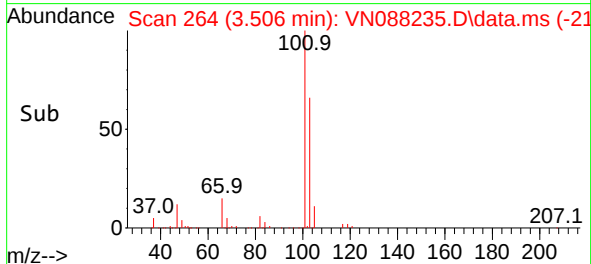
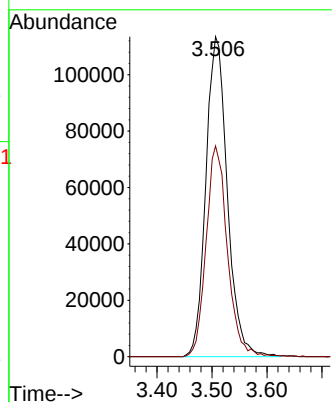
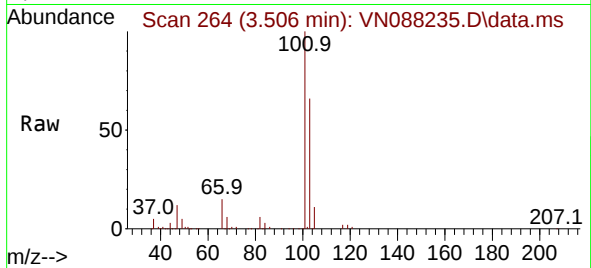




#7
 Trichlorofluoromethane
 Concen: 47.753 ug/l
 RT: 3.506 min Scan# 265
 Delta R.T. -0.006 min
 Lab File: VN088235.D
 Acq: 10 Nov 2025 12:28

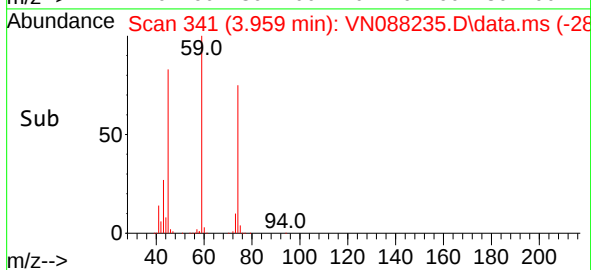
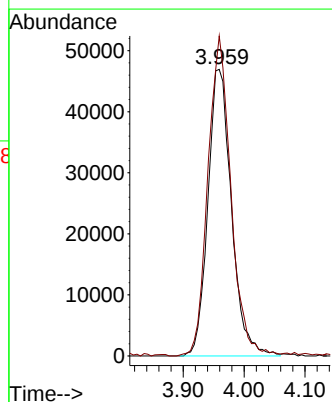
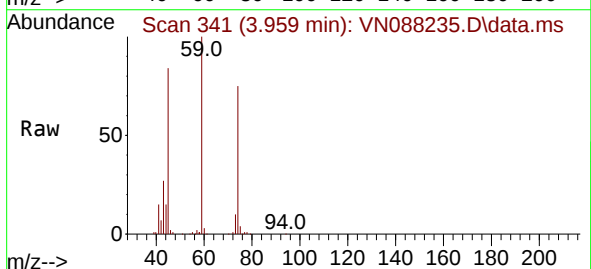
Instrument :
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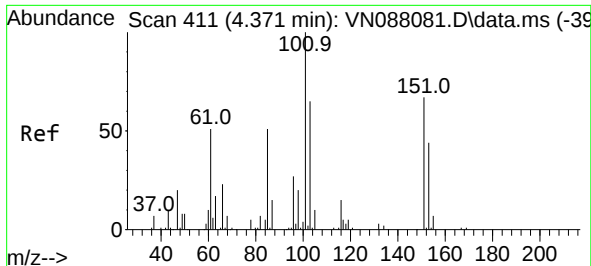
Tgt Ion:101 Resp: 307717
 Ion Ratio Lower Upper
 101 100
 103 65.9 49.4 74.0



#8
 Diethyl Ether
 Concen: 52.751 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN088235.D
 Acq: 10 Nov 2025 12:28

Tgt Ion: 74 Resp: 126337
 Ion Ratio Lower Upper
 74 100
 45 108.8 50.6 151.9

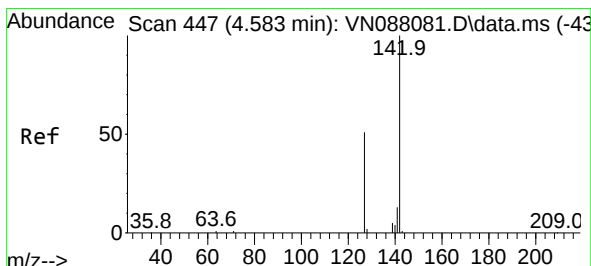
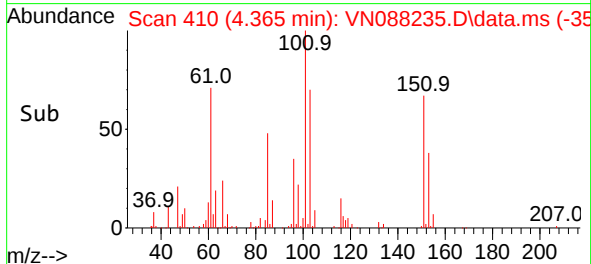
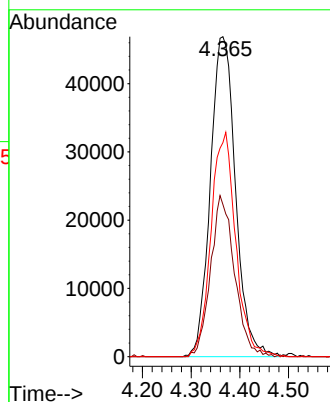
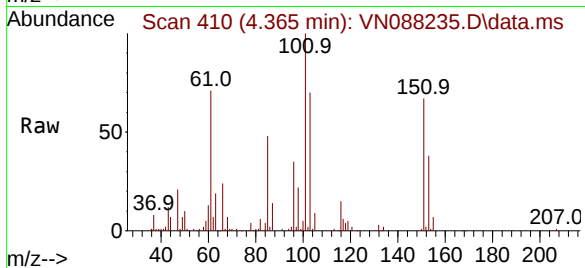




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.667 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

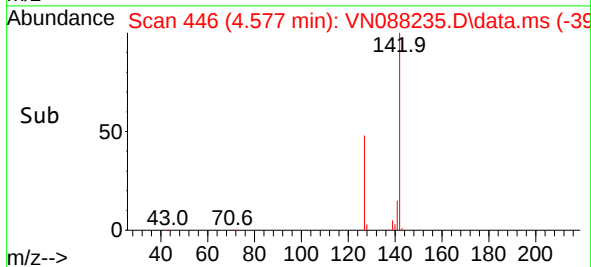
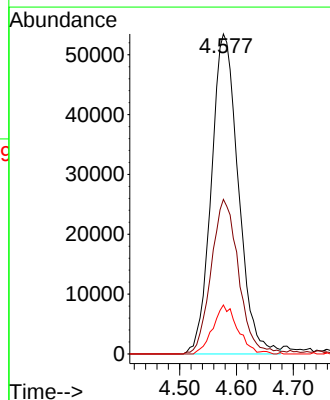
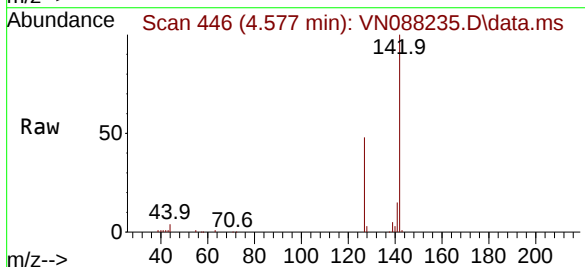
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

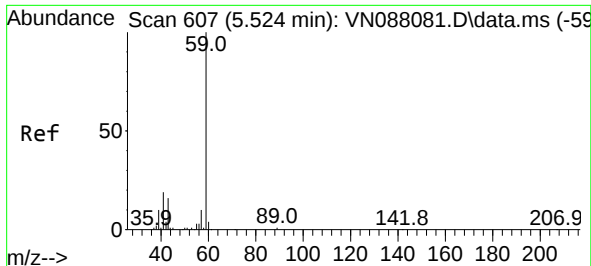
Tgt Ion:101 Resp: 168476
Ion Ratio Lower Upper
101 100
85 47.8 36.6 55.0
151 68.9 54.7 82.1



#10
Methyl Iodide
Concen: 58.062 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion:142 Resp: 176445
Ion Ratio Lower Upper
142 100
127 48.3 38.0 57.0
141 15.3 12.0 18.0

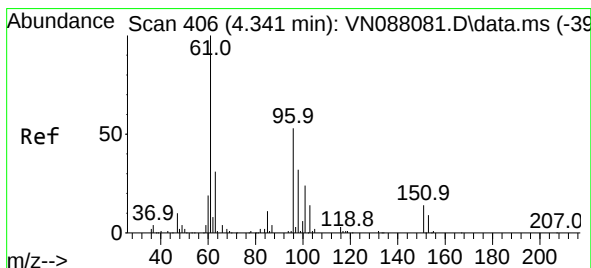
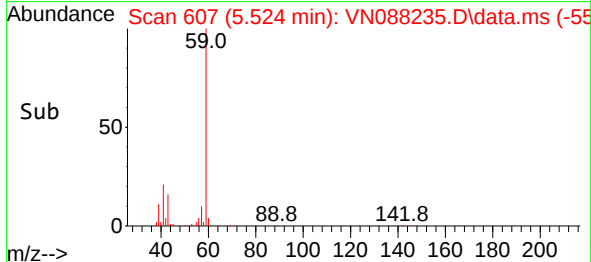
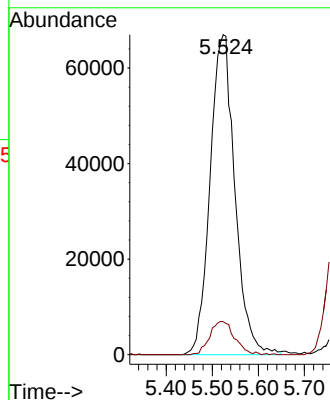
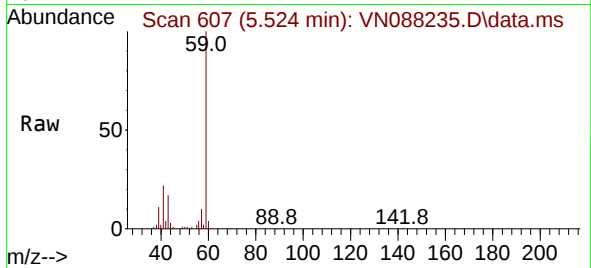




#11
Tert butyl alcohol
Concen: 300.604 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

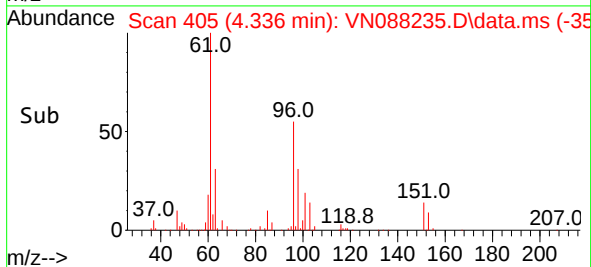
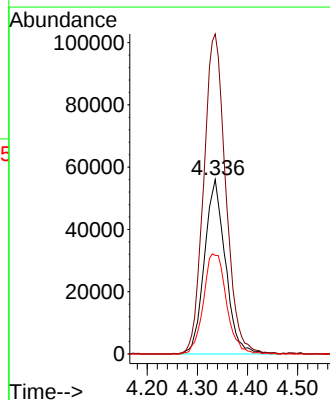
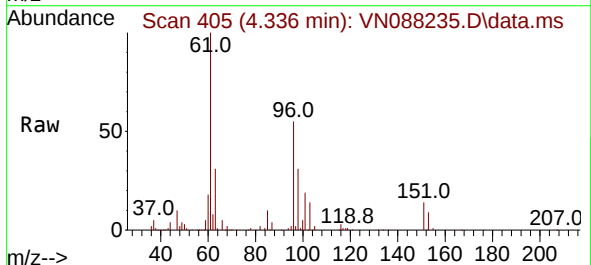
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

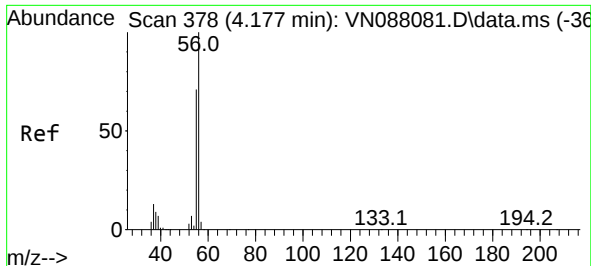
Tgt Ion: 59 Resp: 250228
Ion Ratio Lower Upper
59 100
57 10.3 9.0 13.4



#12
1,1-Dichloroethene
Concen: 46.286 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion: 96 Resp: 162560
Ion Ratio Lower Upper
96 100
61 183.4 143.8 215.8
98 56.5 52.1 78.1

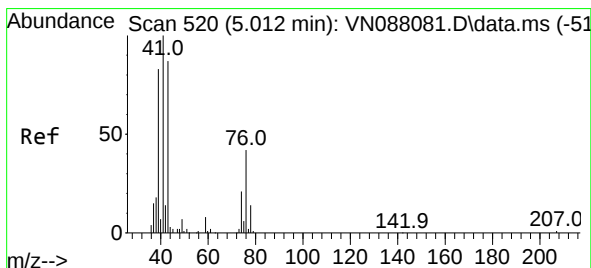
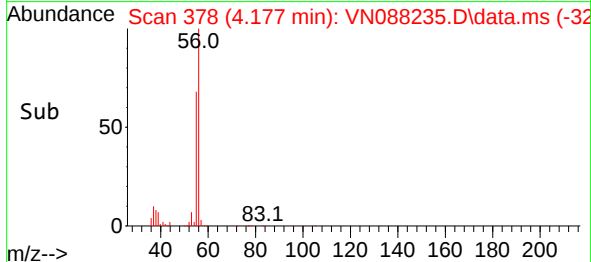
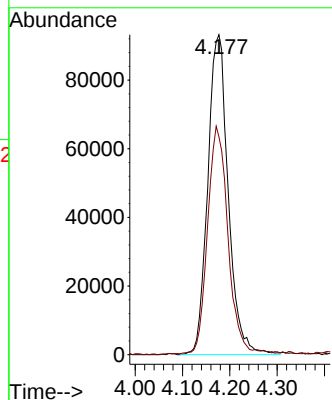
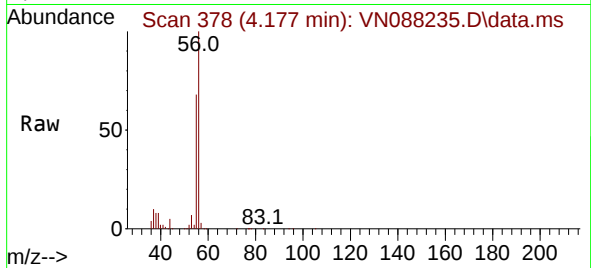




#13
Acrolein
Concen: 299.252 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

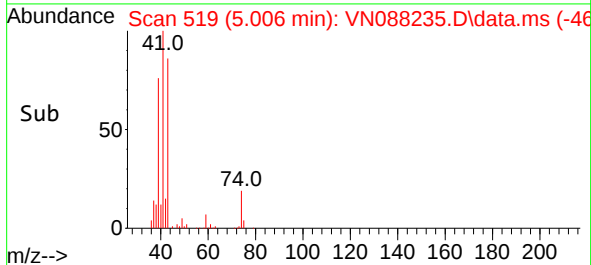
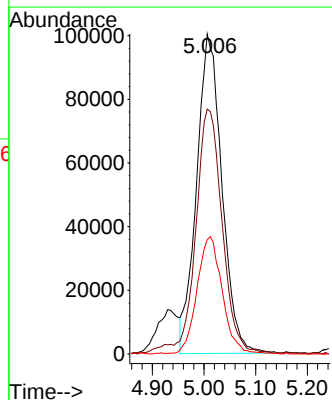
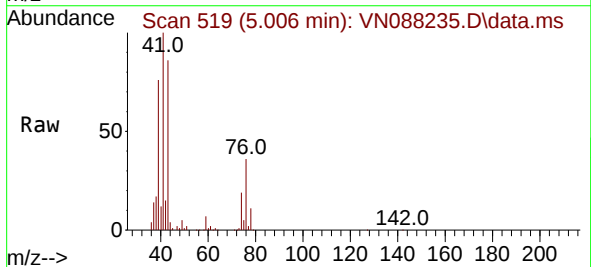
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

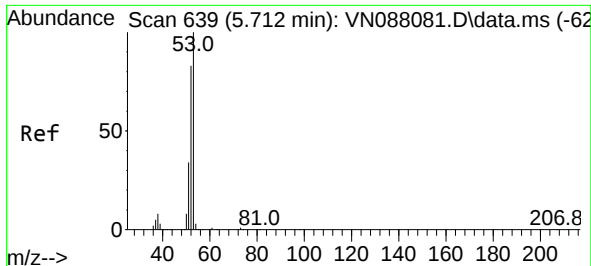
Tgt Ion: 56 Resp: 280197
Ion Ratio Lower Upper
56 100
55 70.3 57.3 85.9



#14
Allyl chloride
Concen: 55.560 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion: 41 Resp: 342020
Ion Ratio Lower Upper
41 100
39 81.0 63.9 95.9
76 36.6 28.1 42.1

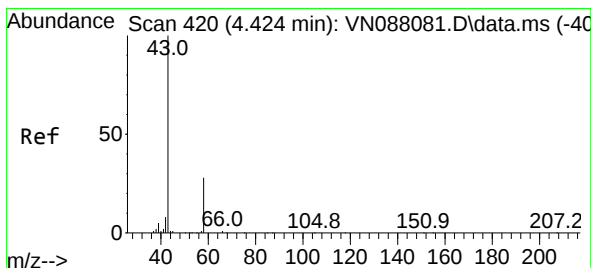
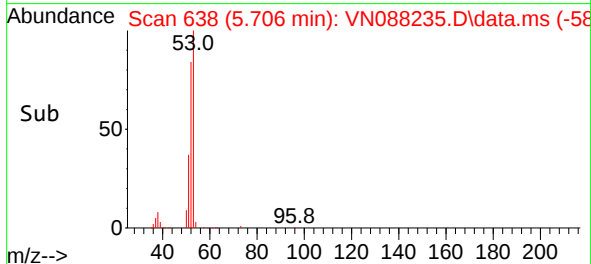
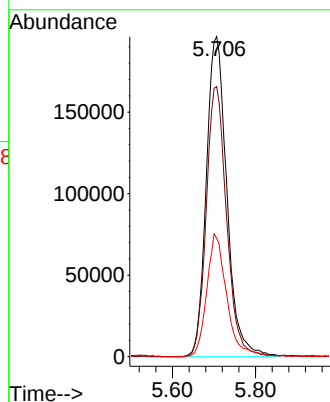
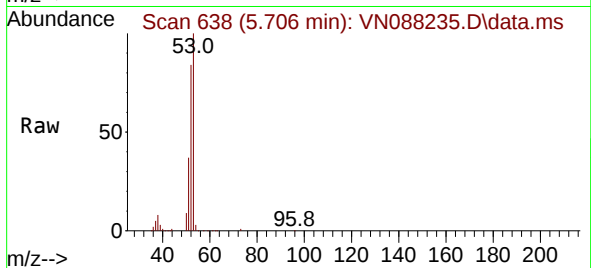




#15
Acrylonitrile
Concen: 297.008 ug/l
RT: 5.706 min Scan# 615
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

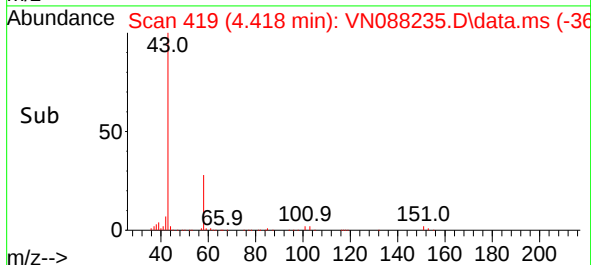
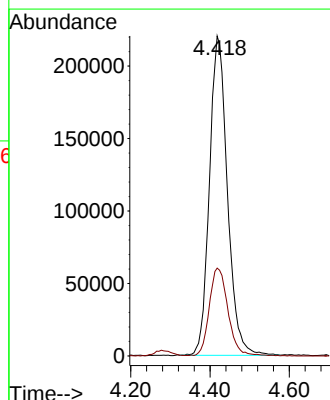
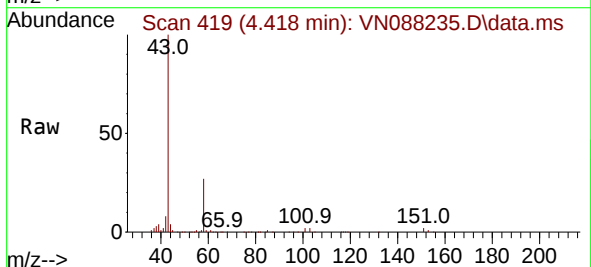
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

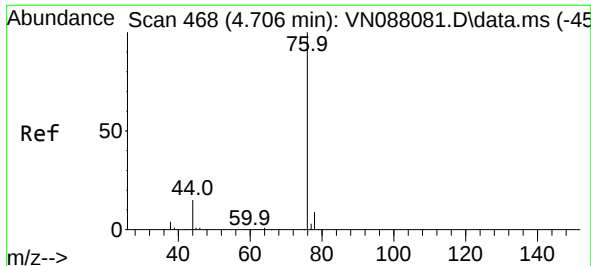
Tgt Ion: 53 Resp: 673457
Ion Ratio Lower Upper
53 100
52 83.9 67.6 101.4
51 37.4 30.1 45.1



#16
Acetone
Concen: 285.923 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion: 43 Resp: 694062
Ion Ratio Lower Upper
43 100
58 27.4 22.6 33.8

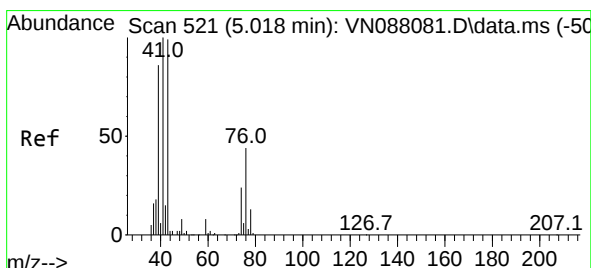
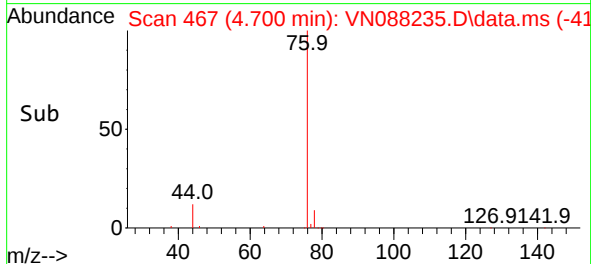
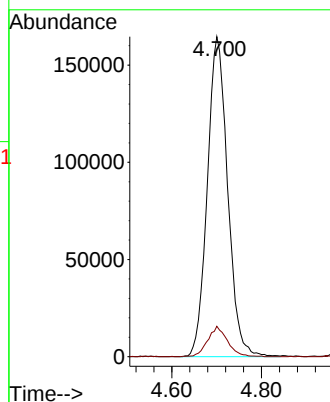
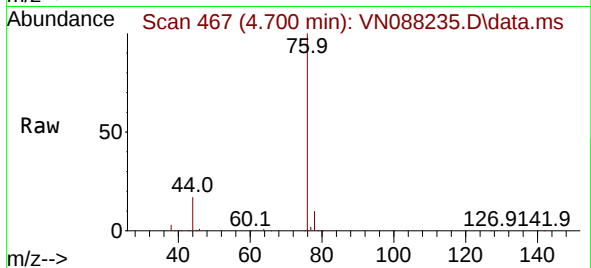




#17
Carbon Disulfide
Concen: 48.569 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

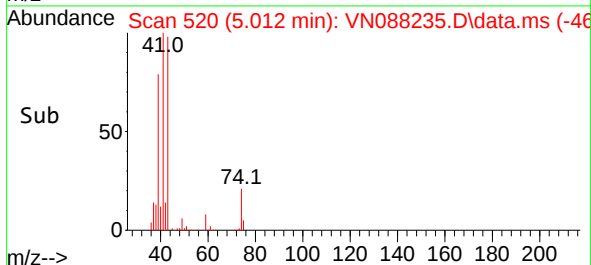
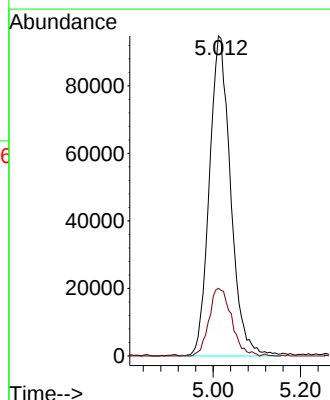
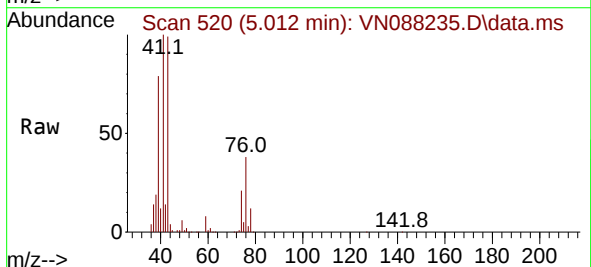
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

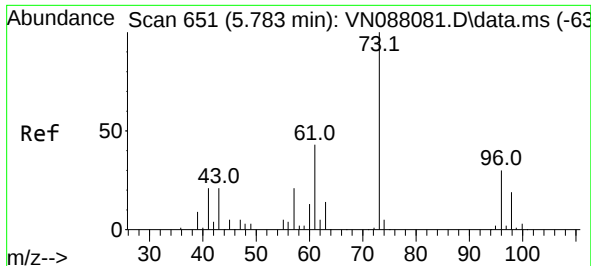
Tgt Ion: 76 Resp: 518522
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 64.393 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion: 43 Resp: 320007
Ion Ratio Lower Upper
43 100
74 22.3 17.6 26.4

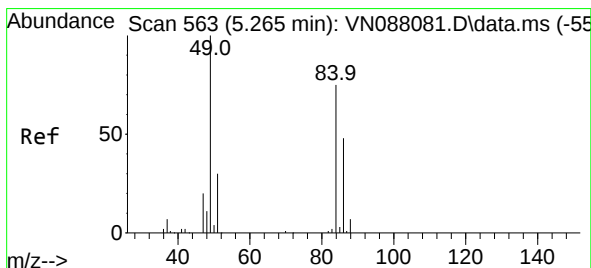
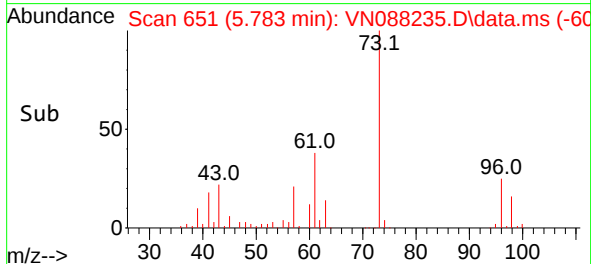
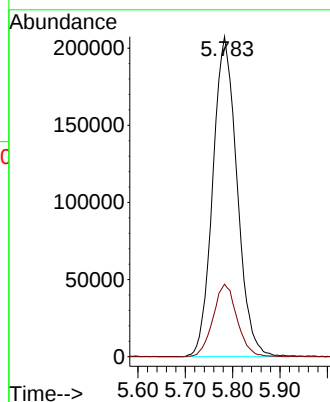
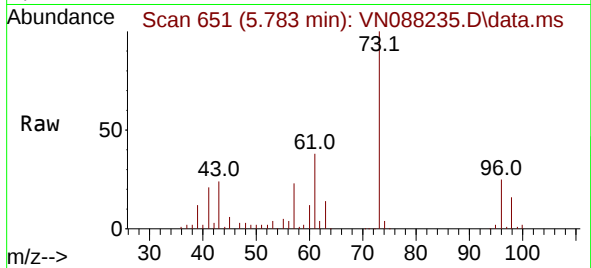




#19
Methyl tert-butyl Ether
Concen: 57.230 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

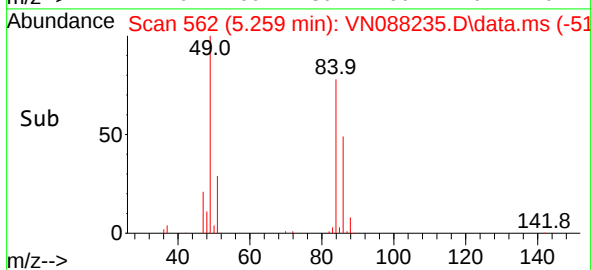
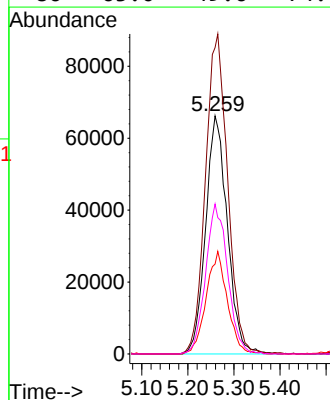
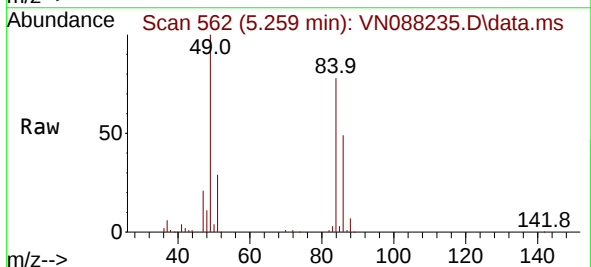
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

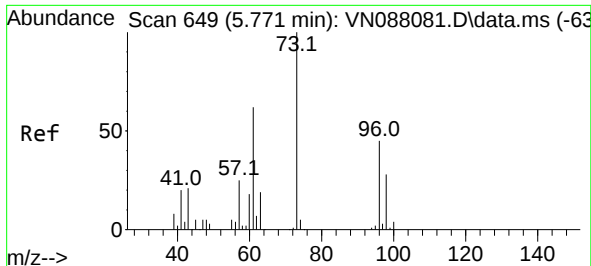
Tgt Ion: 73 Resp: 738151
Ion Ratio Lower Upper
73 100
57 22.6 18.4 27.6



#20
Methylene Chloride
Concen: 53.259 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion: 84 Resp: 217018
Ion Ratio Lower Upper
84 100
49 128.7 103.4 155.2
51 37.8 33.8 50.8
86 63.0 49.6 74.4

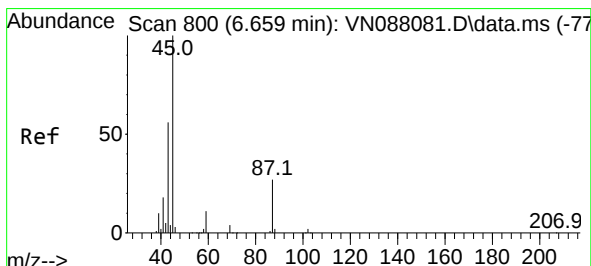
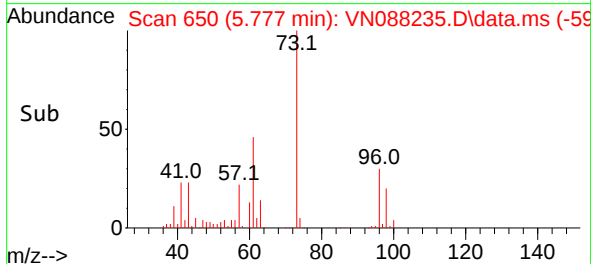
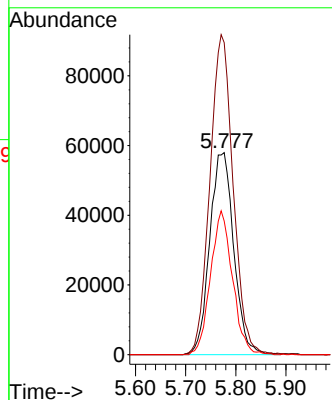
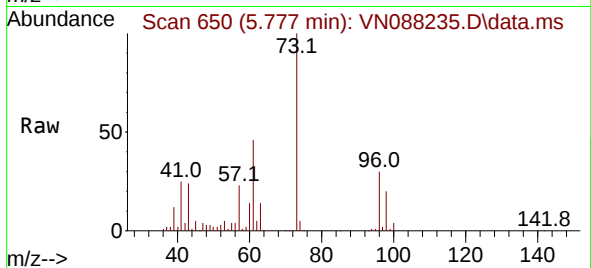




#21
trans-1,2-Dichloroethene
Concen: 50.155 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

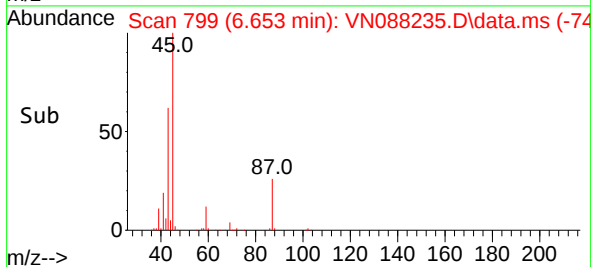
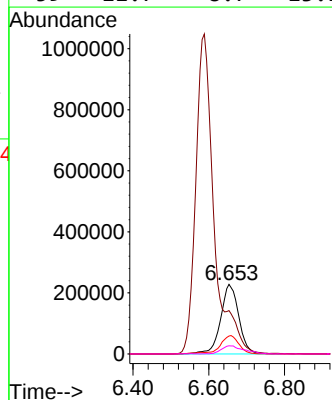
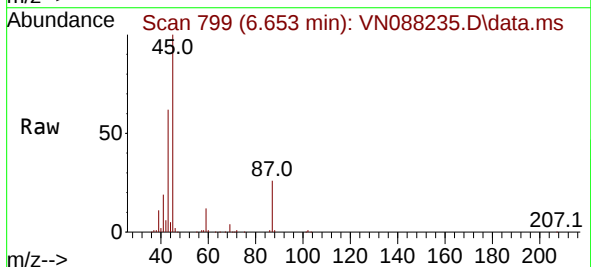
Instrument :
MSVOA_N
ClientSampleId :
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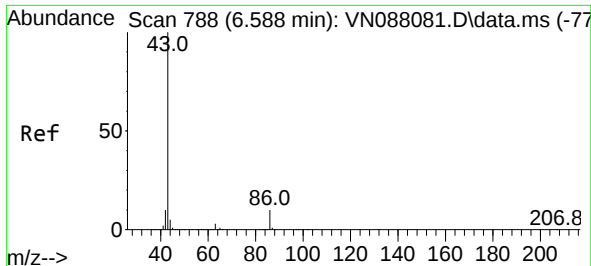
Tgt Ion: 96 Resp: 193347
Ion Ratio Lower Upper
96 100
61 154.5 118.0 177.0
98 66.1 50.0 75.0



#22
Diisopropyl ether
Concen: 58.514 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion: 45 Resp: 757521
Ion Ratio Lower Upper
45 100
43 61.7 47.7 71.5
87 25.8 21.4 32.0
59 11.7 8.7 13.1

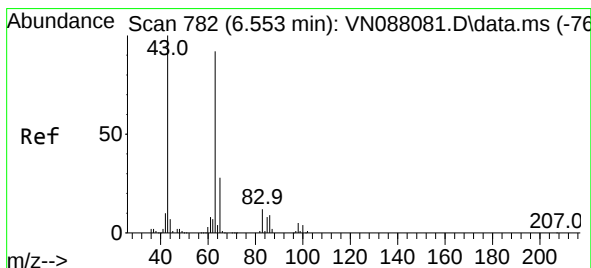
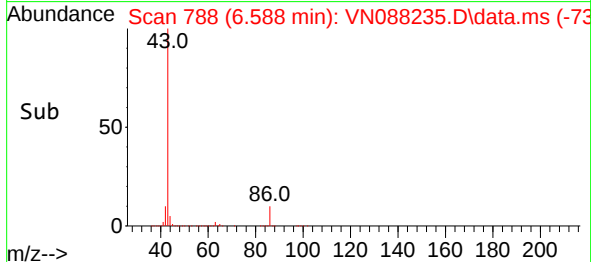
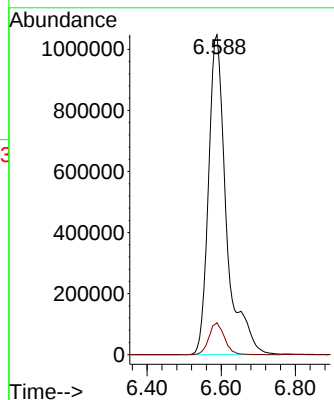
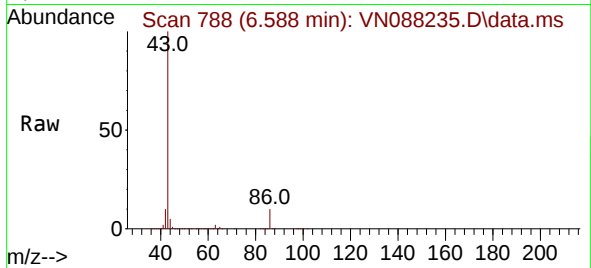




#23
 Vinyl Acetate
 Concen: 300.519 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088235.D
 Acq: 10 Nov 2025 12:28

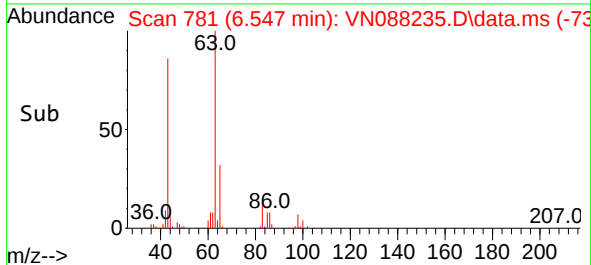
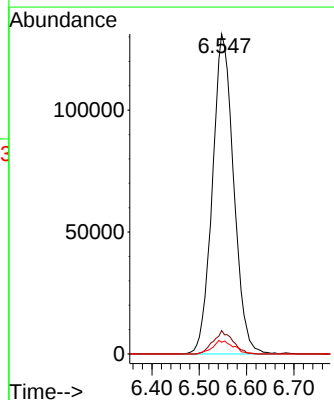
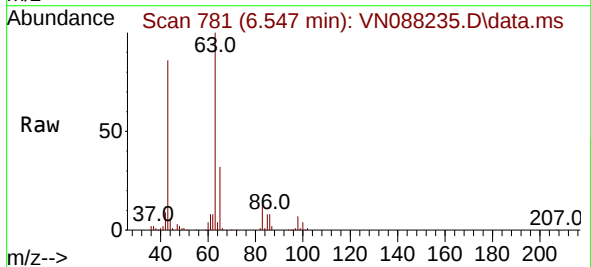
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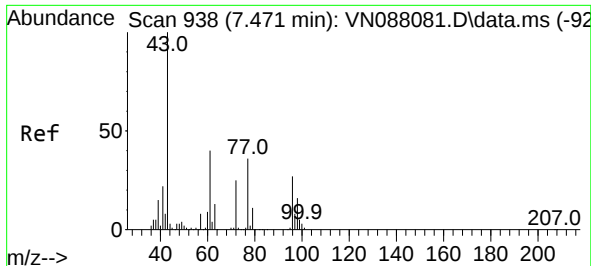
Tgt Ion: 43 Resp: 3504512
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 57.017 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.000 min
 Lab File: VN088235.D
 Acq: 10 Nov 2025 12:28

Tgt Ion: 63 Resp: 408885
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 3.6 2.0 6.0

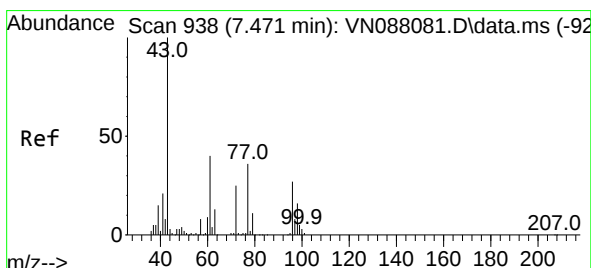
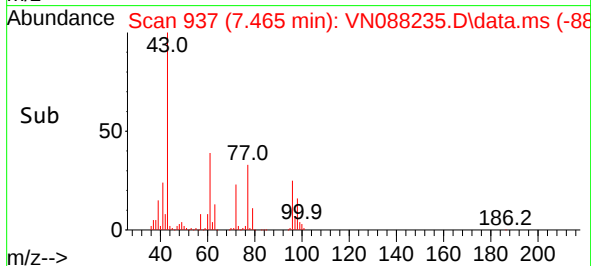
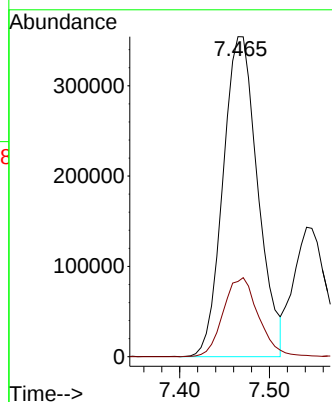
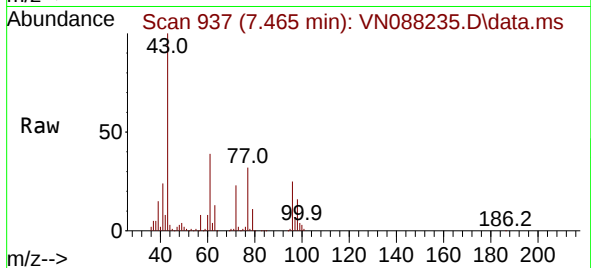




#25
2-Butanone
Concen: 298.653 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

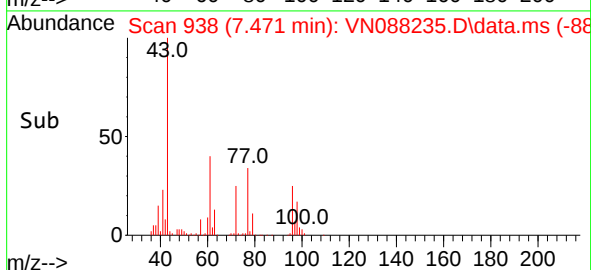
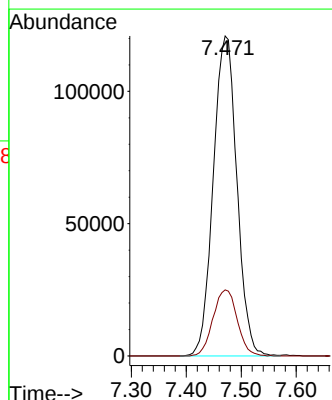
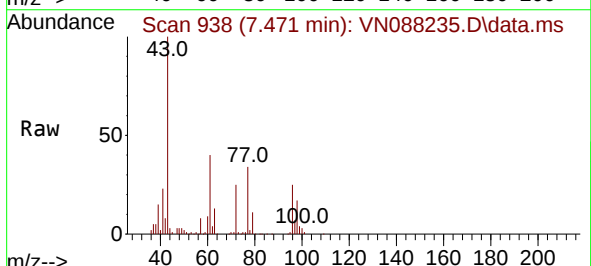
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ClientSampleId :
VSTDCCC050

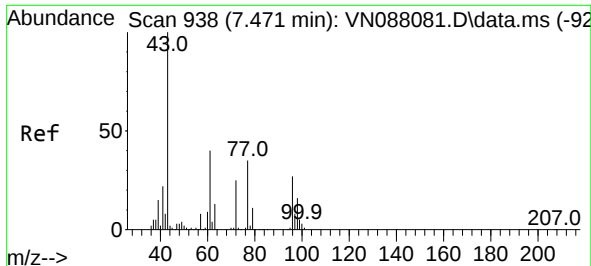
Tgt Ion: 43 Resp: 955393
Ion Ratio Lower Upper
43 100
72 23.5 19.9 29.9



#26
2,2-Dichloropropane
Concen: 55.388 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion: 77 Resp: 360956
Ion Ratio Lower Upper
77 100
97 21.1 10.9 32.7

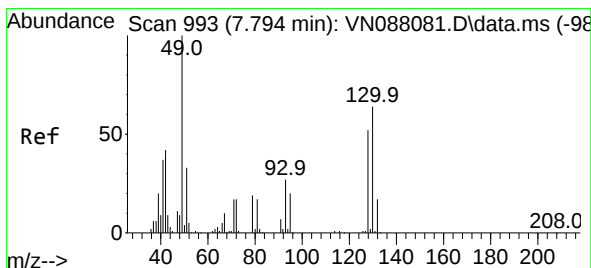
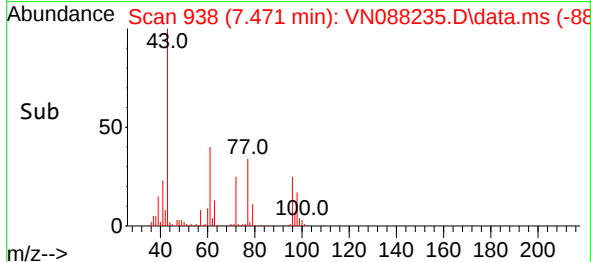
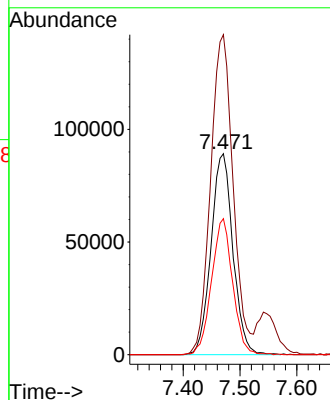
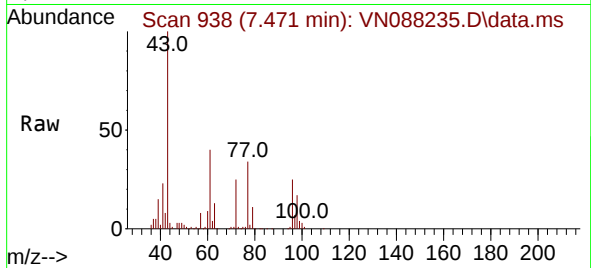




#27
 cis-1,2-Dichloroethene
 Concen: 53.797 ug/l
 RT: 7.471 min Scan# 938
 Delta R.T. 0.006 min
 Lab File: VN088235.D
 Acq: 10 Nov 2025 12:28

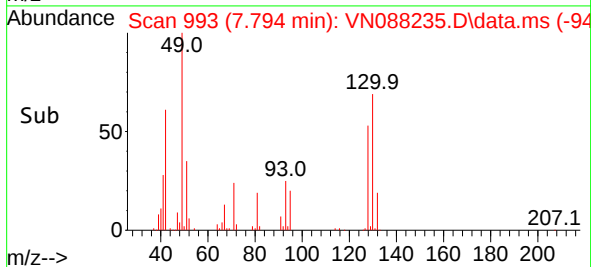
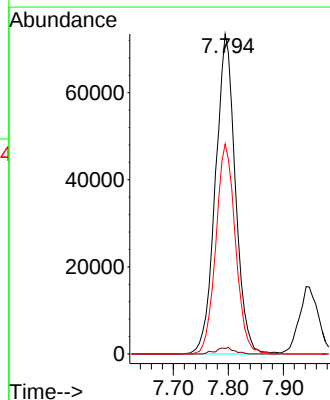
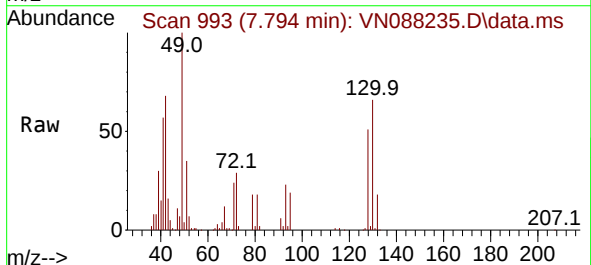
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

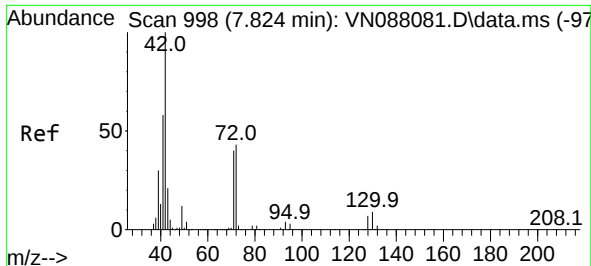
Tgt Ion: 96 Resp: 238750
 Ion Ratio Lower Upper
 96 100
 61 163.9 0.0 301.8
 98 65.2 0.0 126.2



#28
 Bromochloromethane
 Concen: 54.623 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088235.D
 Acq: 10 Nov 2025 12:28

Tgt Ion: 49 Resp: 185089
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.0
 130 64.3 53.1 79.7





#29

Tetrahydrofuran

Concen: 286.266 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN088235.D

Acq: 10 Nov 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

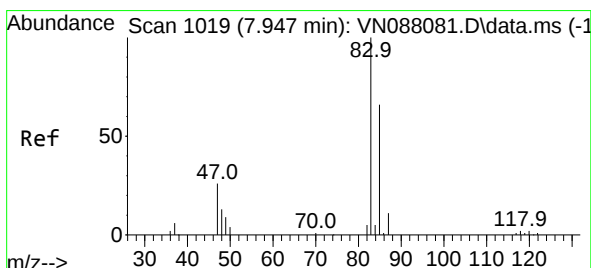
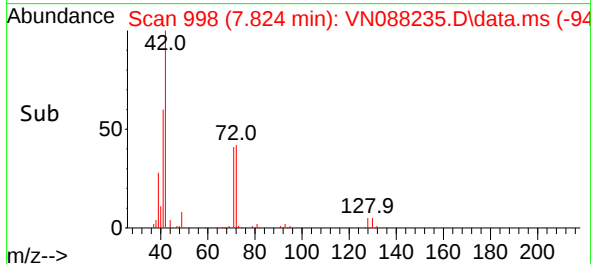
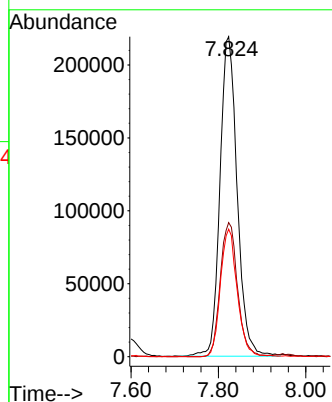
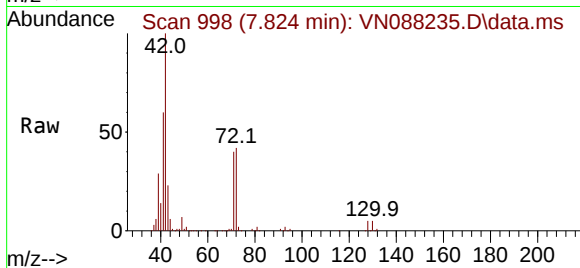
Tgt Ion: 42 Resp: 596808

Ion Ratio Lower Upper

42 100

72 42.1 33.7 50.5

71 39.0 31.9 47.9



#30

Chloroform

Concen: 57.151 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN088235.D

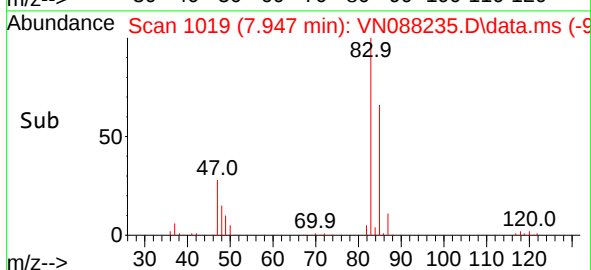
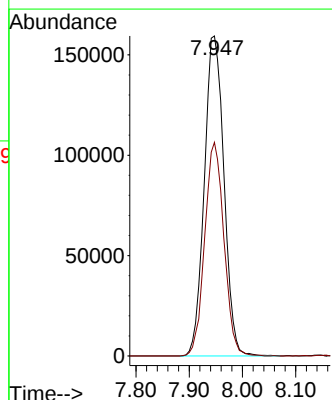
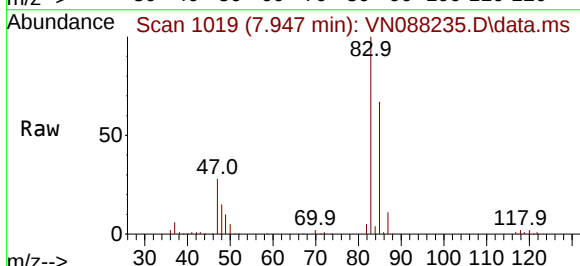
Acq: 10 Nov 2025 12:28

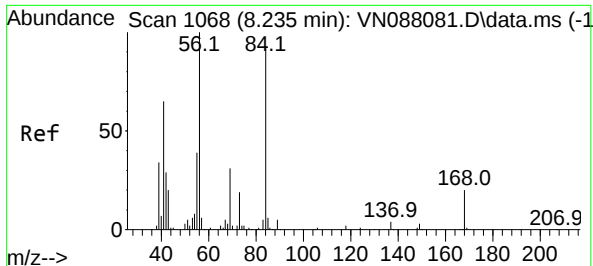
Tgt Ion: 83 Resp: 409442

Ion Ratio Lower Upper

83 100

85 66.7 50.7 76.1





#31

Cyclohexane

Concen: 48.747 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VN088235.D

Acq: 10 Nov 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

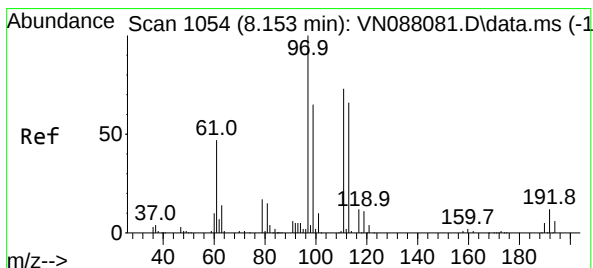
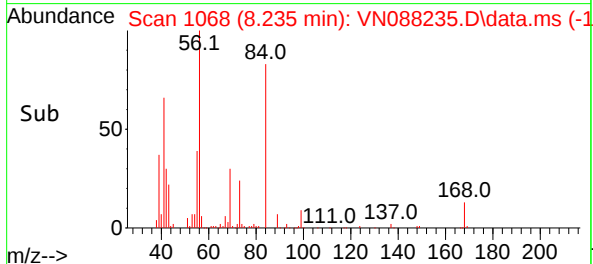
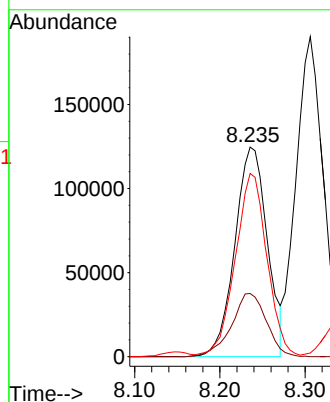
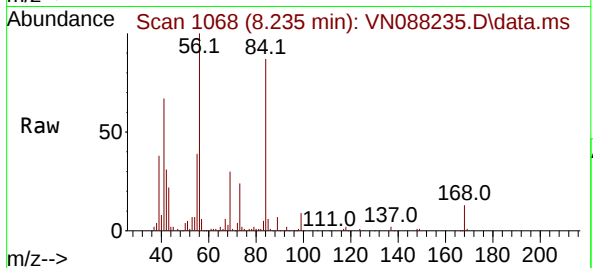
Tgt Ion: 56 Resp: 329701

Ion Ratio Lower Upper

56 100

69 30.2 23.7 35.5

84 85.2 64.7 97.1



#32

1,1,1-Trichloroethane

Concen: 54.327 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088235.D

Acq: 10 Nov 2025 12:28

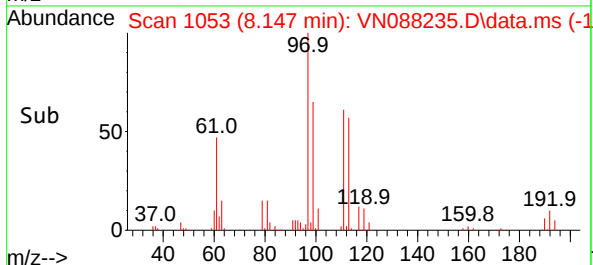
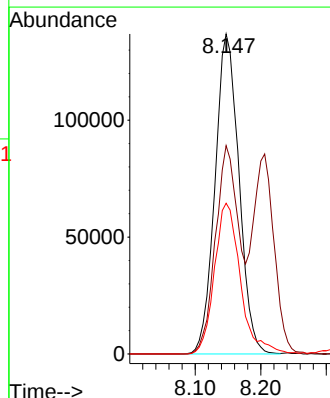
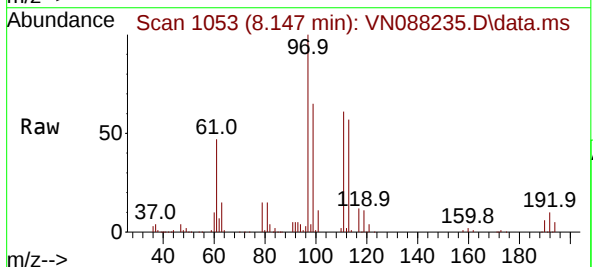
Tgt Ion: 97 Resp: 346647

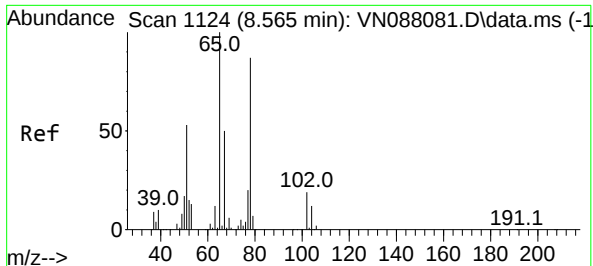
Ion Ratio Lower Upper

97 100

99 63.8 52.2 78.2

61 51.1 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 59.341 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088235.D

Acq: 10 Nov 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

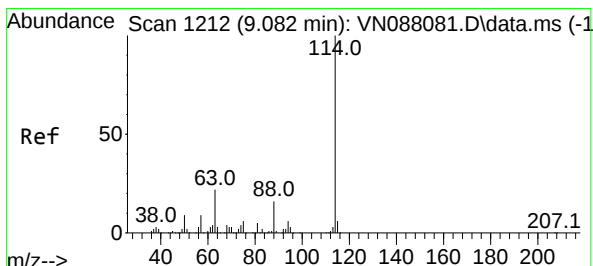
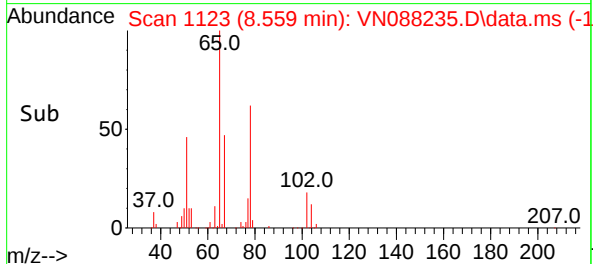
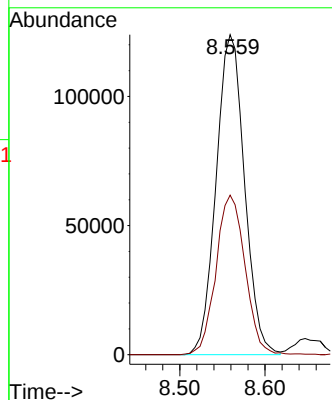
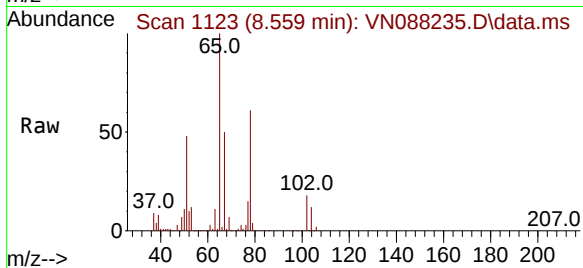
VSTDCCC050

Tgt Ion: 65 Resp: 286725

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088235.D

Acq: 10 Nov 2025 12:28

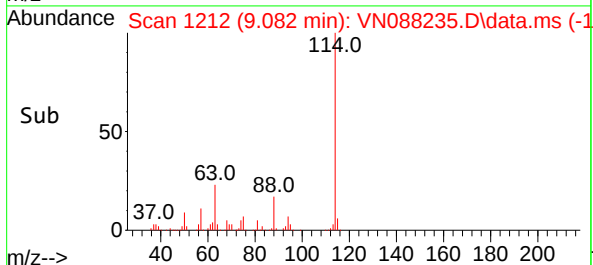
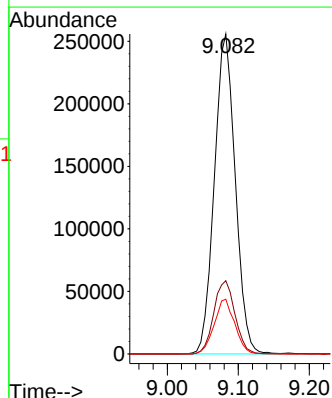
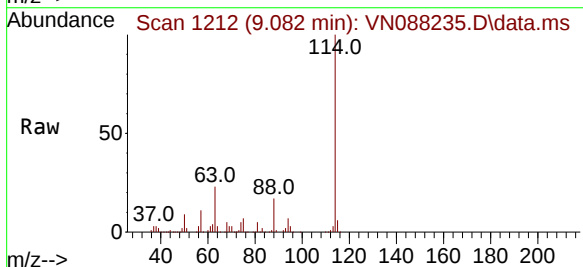
Tgt Ion: 114 Resp: 521240

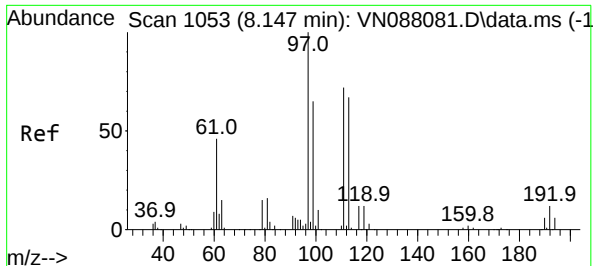
Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.2

88 17.1 0.0 33.4

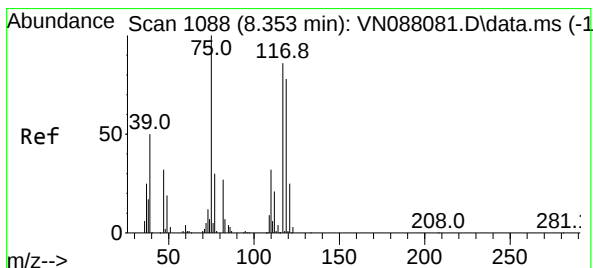
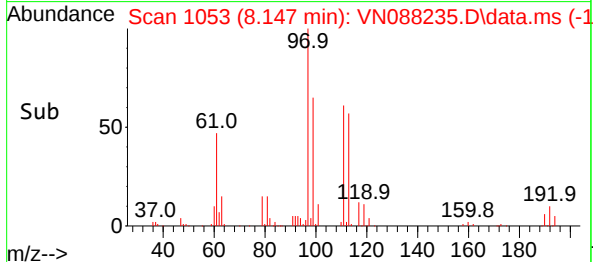
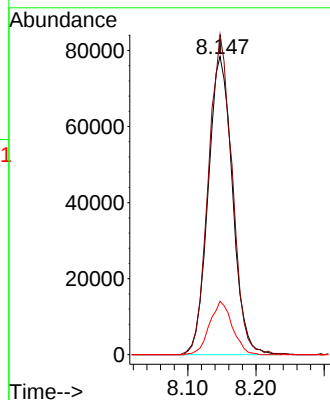
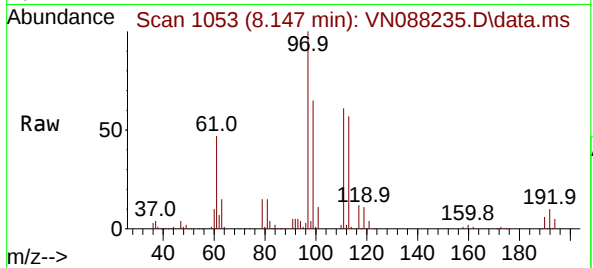




#35
Dibromofluoromethane
Concen: 55.590 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

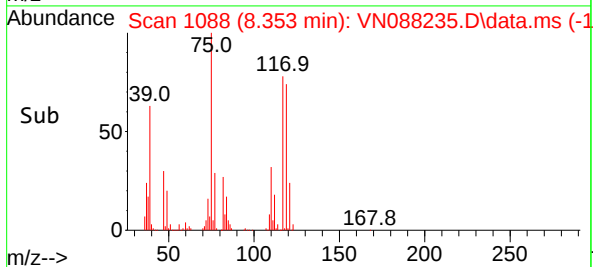
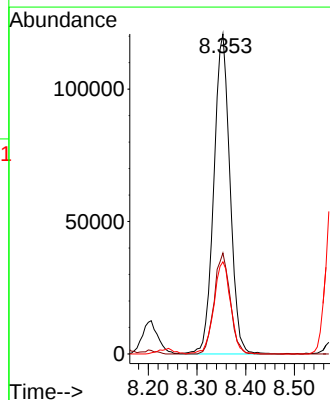
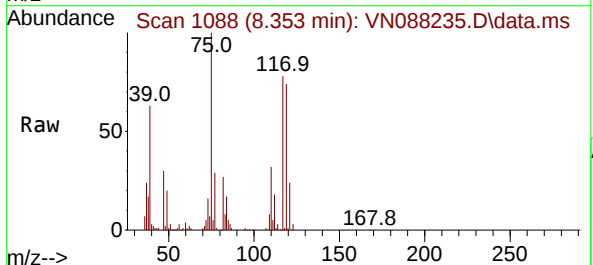
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

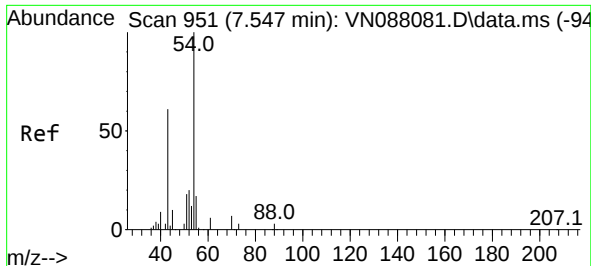
Tgt Ion:113 Resp: 194660
Ion Ratio Lower Upper
113 100
111 104.4 82.8 124.2
192 16.8 12.8 19.2



#36
1,1-Dichloropropene
Concen: 54.246 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion: 75 Resp: 277356
Ion Ratio Lower Upper
75 100
110 31.1 15.9 47.6
77 30.0 24.4 36.6

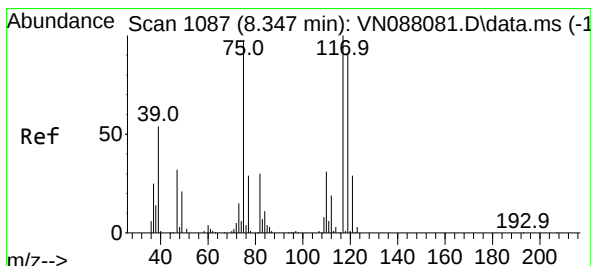
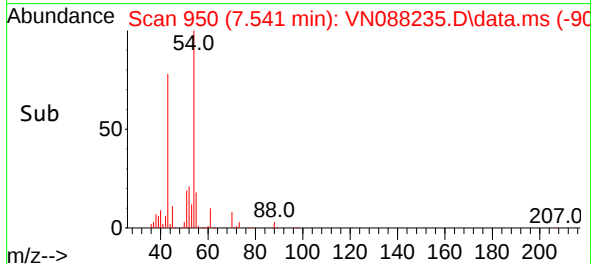
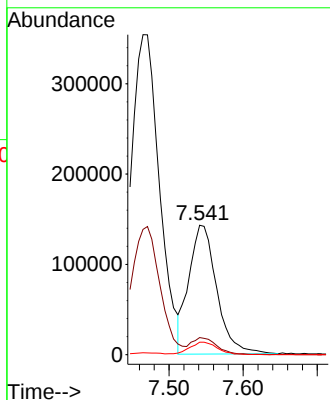
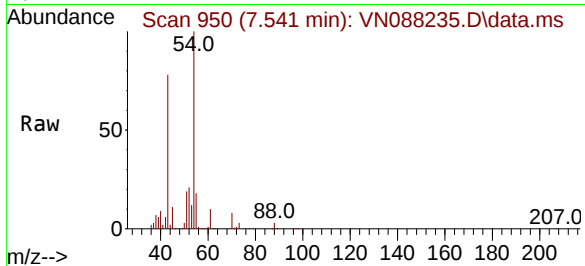




#37
Ethyl Acetate
Concen: 56.710 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

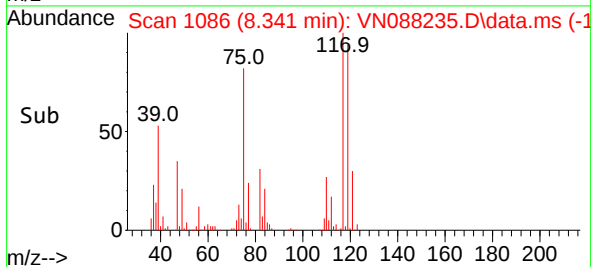
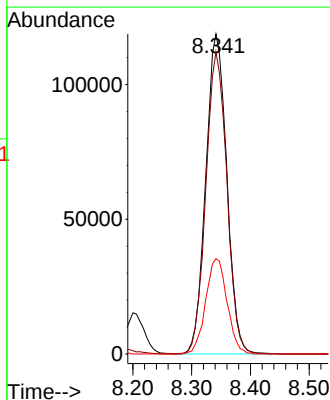
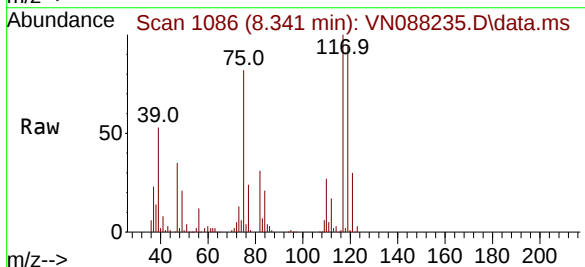
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

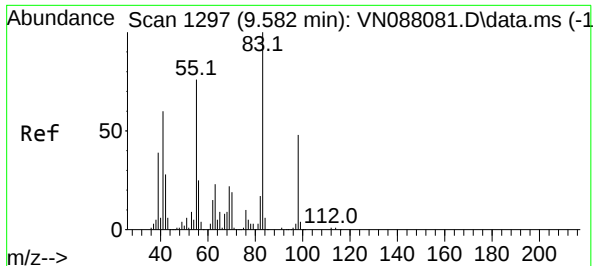
Tgt Ion: 43 Resp: 374182
Ion Ratio Lower Upper
43 100
61 11.8 9.3 13.9
70 9.6 7.0 10.6



#38
Carbon Tetrachloride
Concen: 55.969 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion: 117 Resp: 295558
Ion Ratio Lower Upper
117 100
119 94.4 79.0 118.6
121 29.8 25.0 37.6





#39

Methylcyclohexane

Concen: 46.770 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN088235.D

Acq: 10 Nov 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

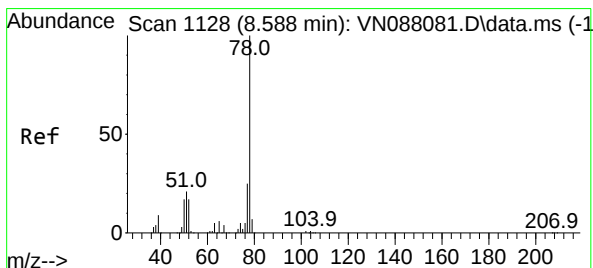
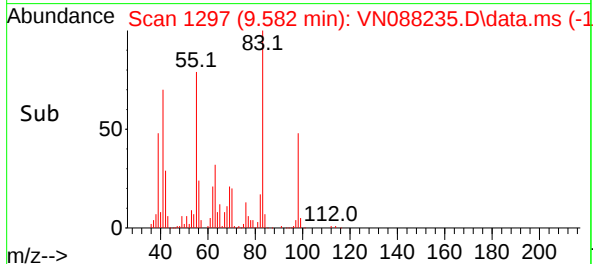
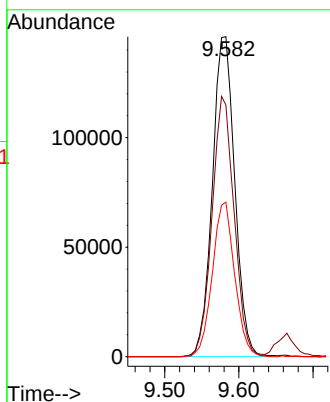
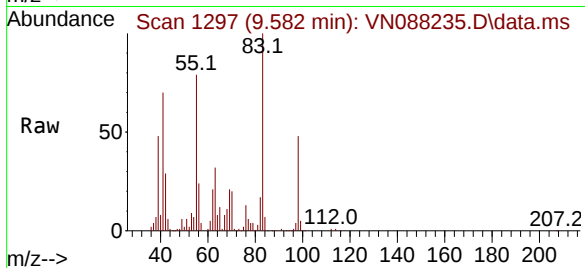
Tgt Ion: 83 Resp: 307375

Ion Ratio Lower Upper

83 100

55 78.6 64.6 96.8

98 48.3 38.4 57.6



#40

Benzene

Concen: 54.643 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088235.D

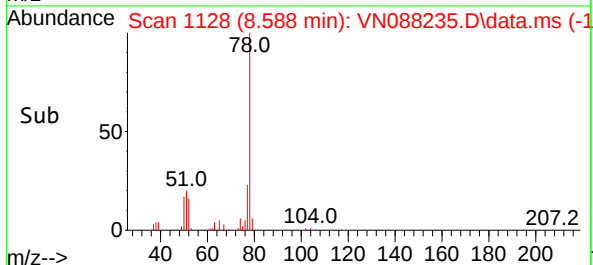
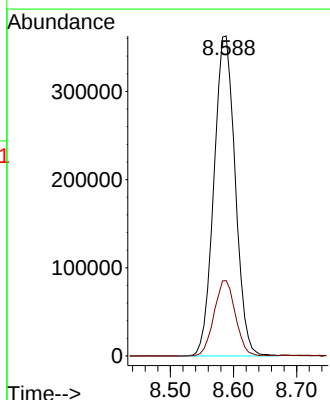
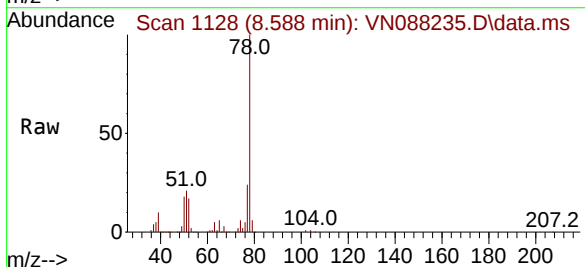
Acq: 10 Nov 2025 12:28

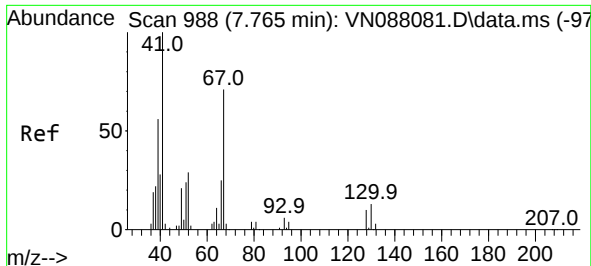
Tgt Ion: 78 Resp: 850856

Ion Ratio Lower Upper

78 100

77 23.6 19.7 29.5



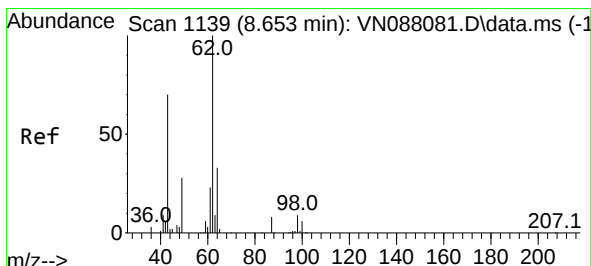
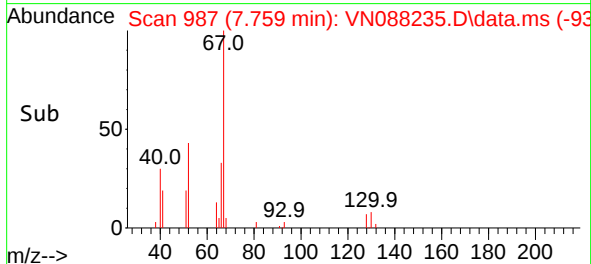
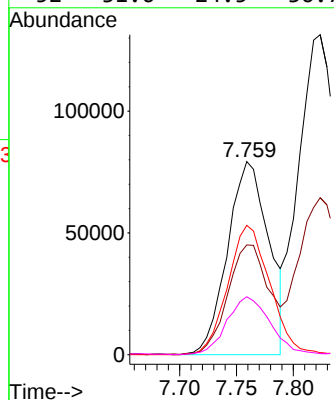
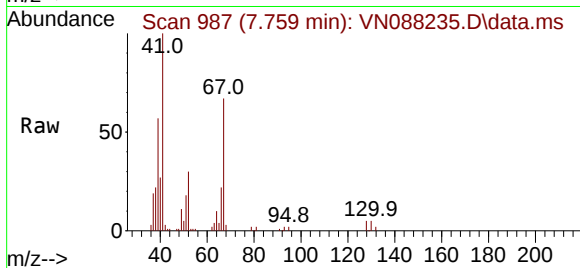


#41
Methacrylonitrile
Concen: 57.772 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 200624

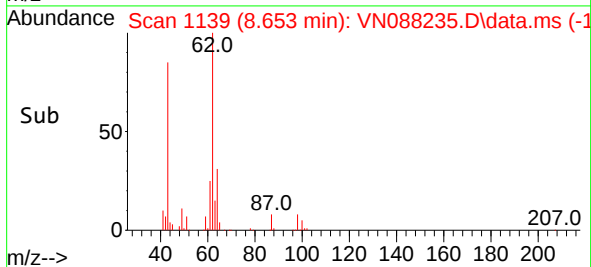
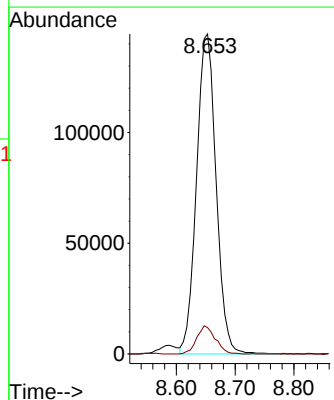
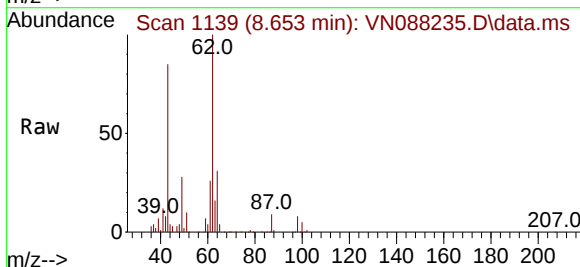
Ion	Ratio	Lower	Upper
41	100		
39	56.8	45.4	68.0
67	68.8	55.3	82.9
52	31.6	24.5	36.7

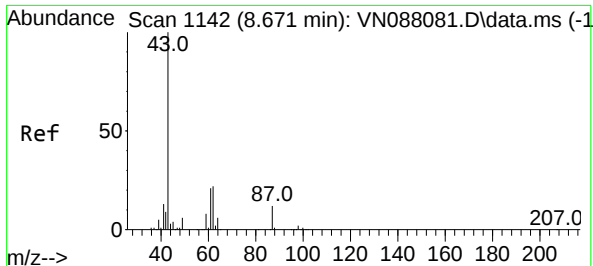


#42
1,2-Dichloroethane
Concen: 60.537 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion: 62 Resp: 334931

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.4

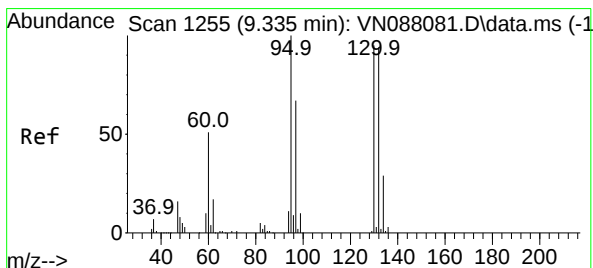
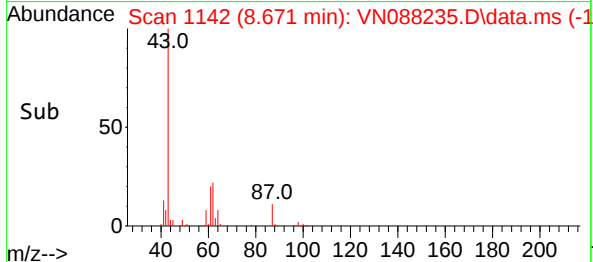
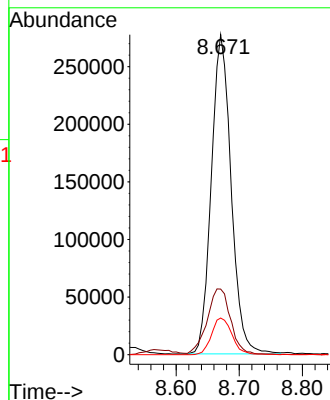
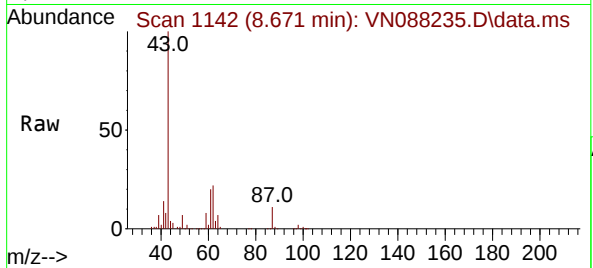




#43
Isopropyl Acetate
Concen: 59.559 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

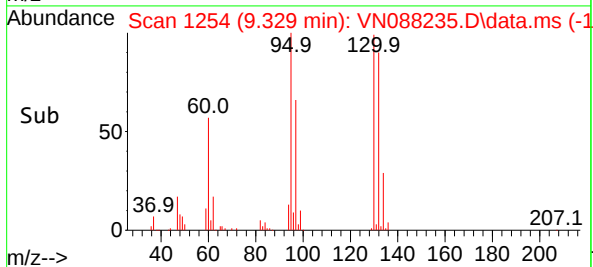
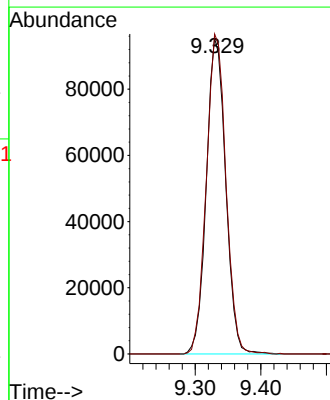
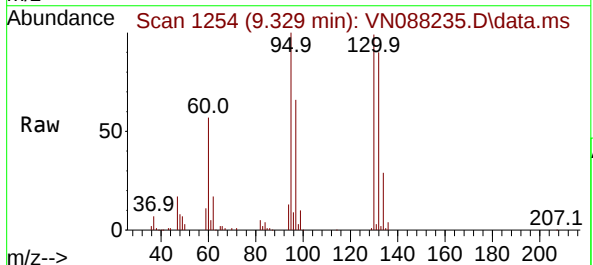
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

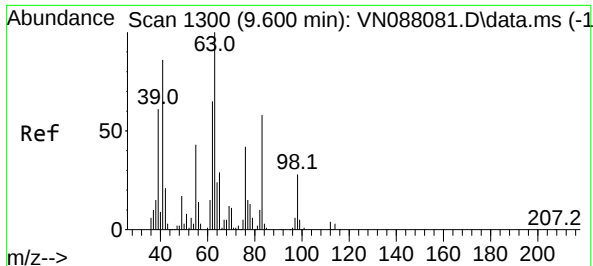
Tgt Ion: 43 Resp: 603854
Ion Ratio Lower Upper
43 100
61 24.4 18.8 28.2
87 11.9 9.6 14.4



#44
Trichloroethene
Concen: 53.671 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion:130 Resp: 195339
Ion Ratio Lower Upper
130 100
95 101.3 0.0 212.0





#45

1,2-Dichloropropane

Concen: 57.768 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088235.D

Acq: 10 Nov 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

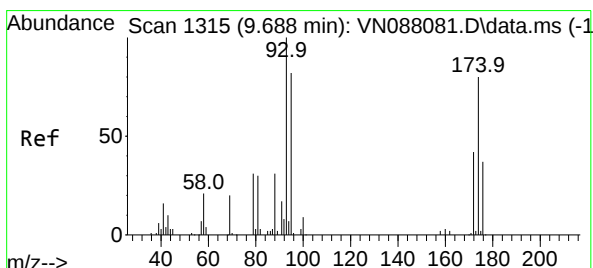
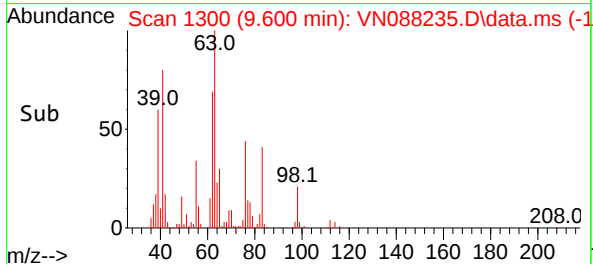
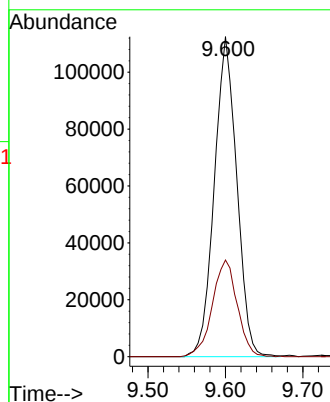
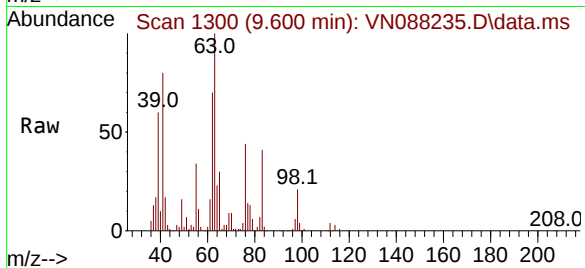
VSTDCCC050

Tgt Ion: 63 Resp: 227091

Ion Ratio Lower Upper

63 100

65 30.2 25.0 37.4



#46

Dibromomethane

Concen: 57.070 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088235.D

Acq: 10 Nov 2025 12:28

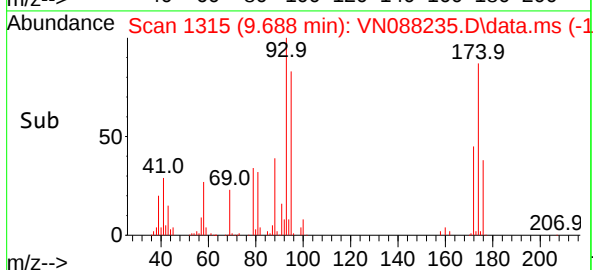
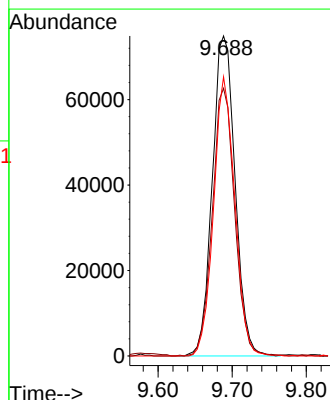
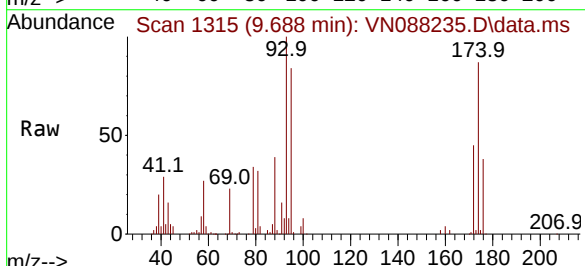
Tgt Ion: 93 Resp: 160005

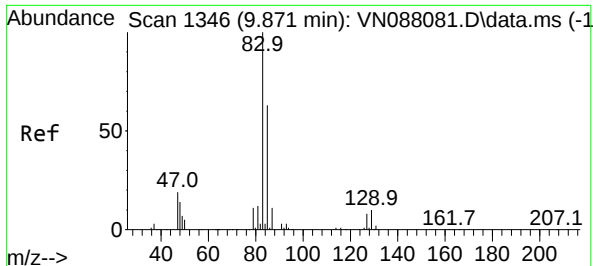
Ion Ratio Lower Upper

93 100

95 82.1 66.2 99.4

174 81.4 63.4 95.2





#47

Bromodichloromethane

Concen: 59.978 ug/l

RT: 9.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088235.D

Acq: 10 Nov 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

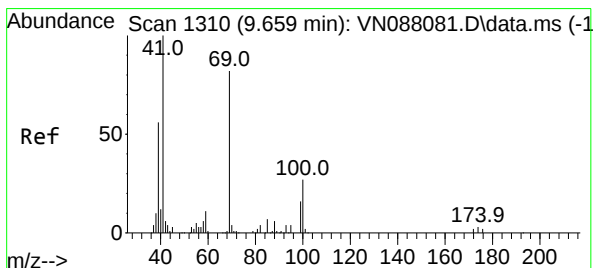
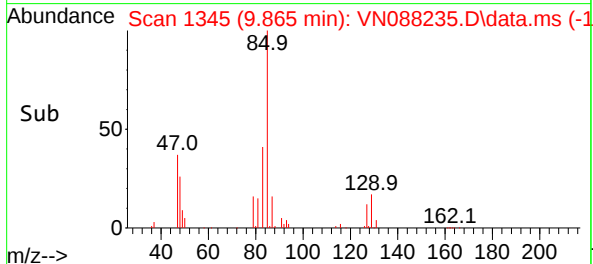
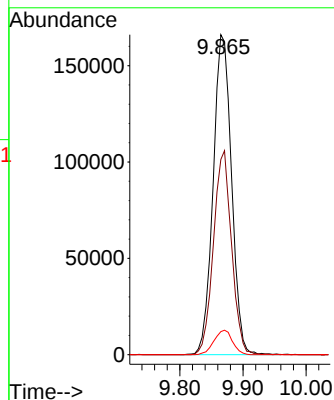
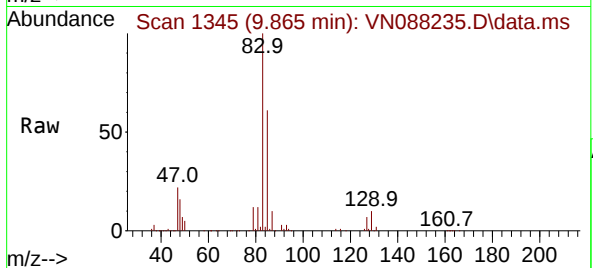
Tgt Ion: 83 Resp: 336673

Ion Ratio Lower Upper

83 100

85 61.0 52.5 78.7

127 7.2 5.8 8.6



#48

Methyl methacrylate

Concen: 61.027 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VN088235.D

Acq: 10 Nov 2025 12:28

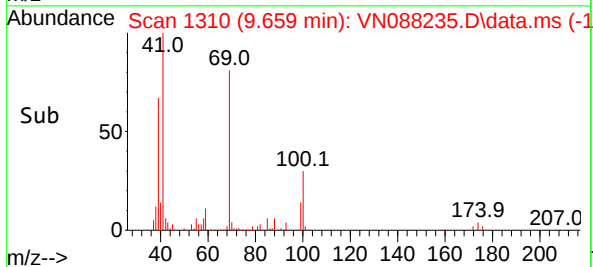
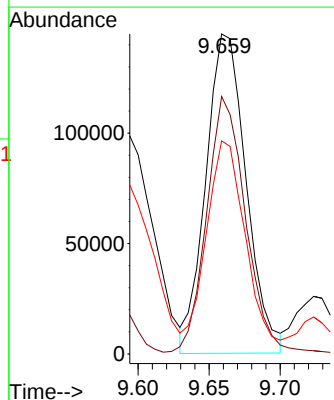
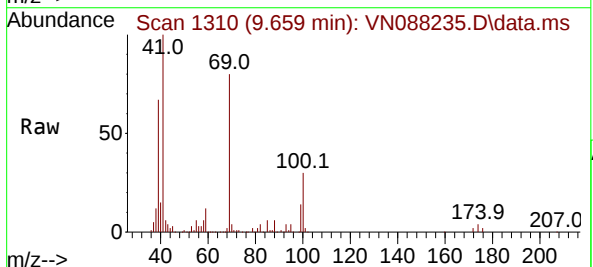
Tgt Ion: 41 Resp: 285660

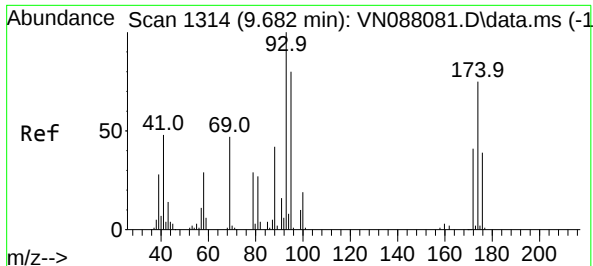
Ion Ratio Lower Upper

41 100

69 78.5 62.7 94.1

39 65.3 52.9 79.3





#49

1,4-Dioxane

Concen: 1351.487 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN088235.D

Acq: 10 Nov 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

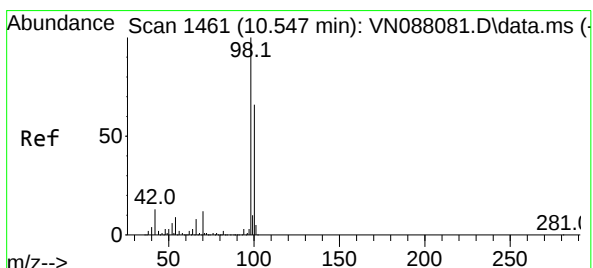
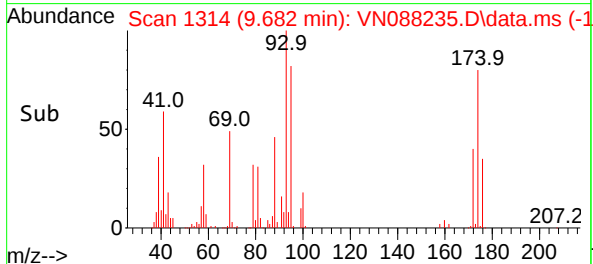
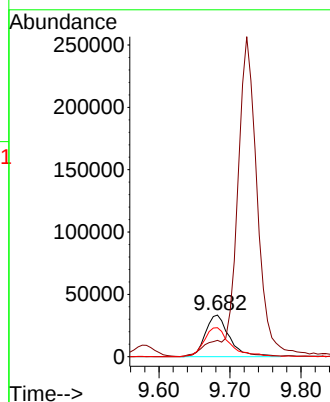
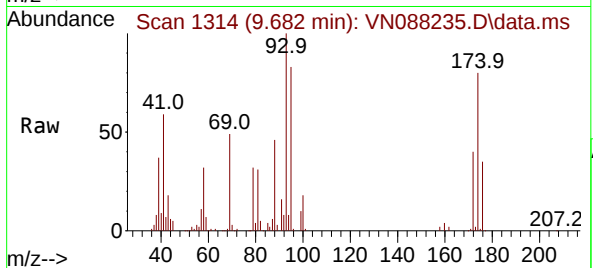
Tgt Ion: 88 Resp: 78681

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 76.7 57.9 86.9



#50

Toluene-d8

Concen: 52.584 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088235.D

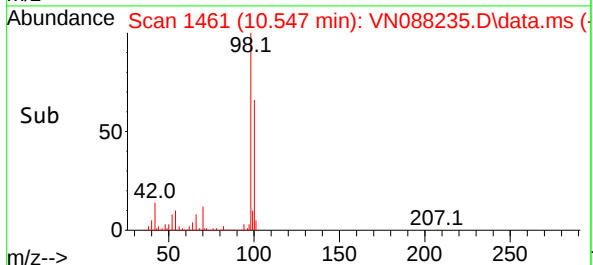
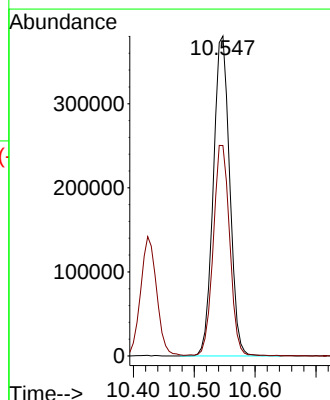
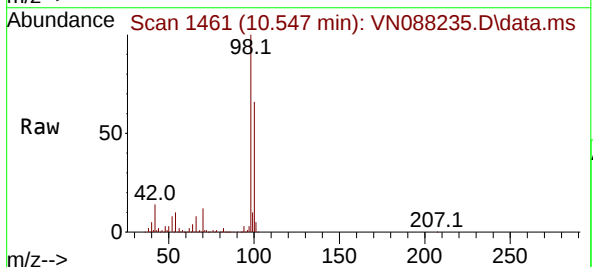
Acq: 10 Nov 2025 12:28

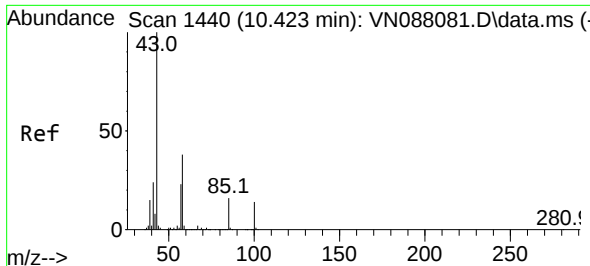
Tgt Ion: 98 Resp: 709500

Ion Ratio Lower Upper

98 100

100 65.9 52.8 79.2

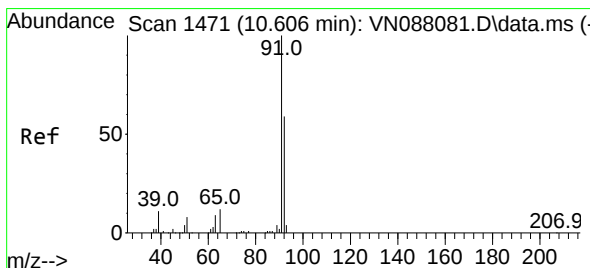
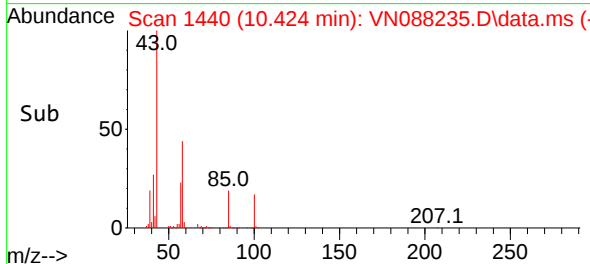
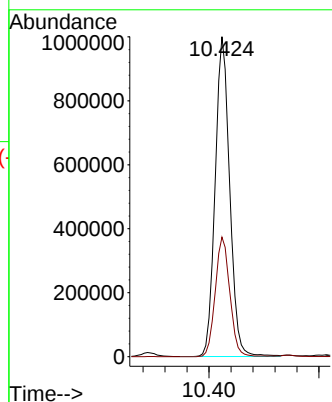
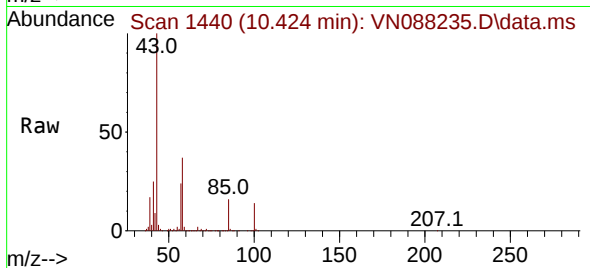




#51
4-Methyl-2-Pentanone
Concen: 306.819 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

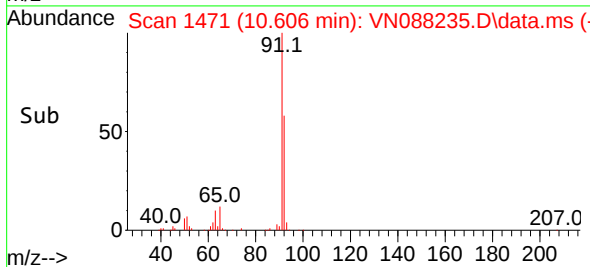
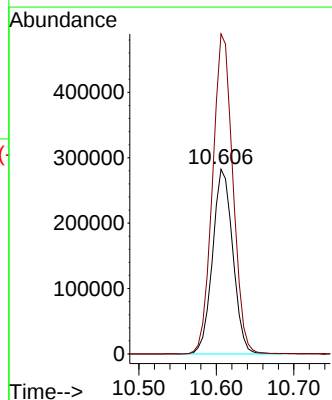
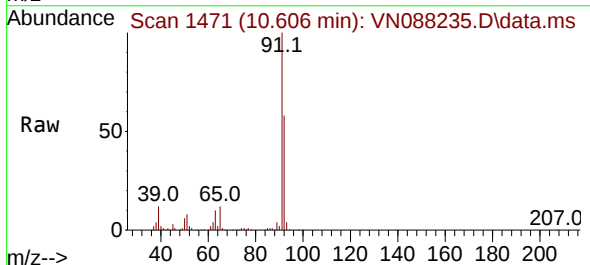
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

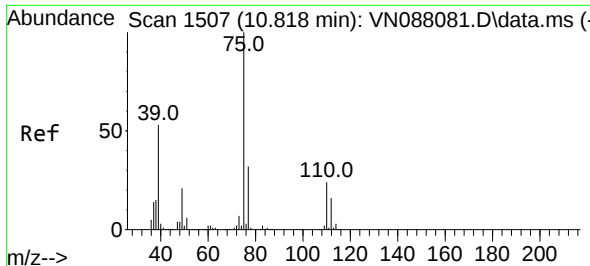
Tgt Ion: 43 Resp: 1840292
Ion Ratio Lower Upper
43 100
58 37.5 29.6 44.4



#52
Toluene
Concen: 53.400 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion: 92 Resp: 512658
Ion Ratio Lower Upper
92 100
91 173.9 140.4 210.6

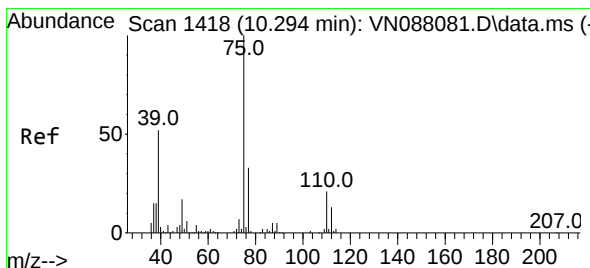
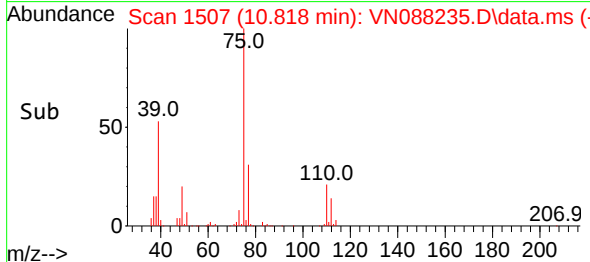
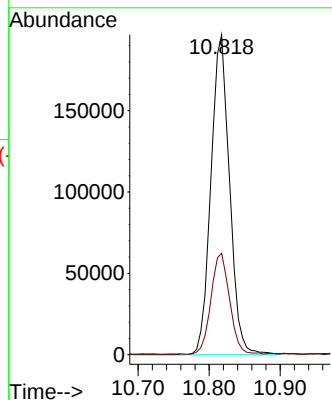
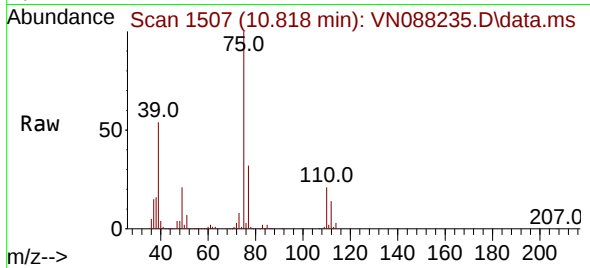




#53
 t-1,3-Dichloropropene
 Concen: 59.817 ug/l
 RT: 10.818 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: VN088235.D
 Acq: 10 Nov 2025 12:28

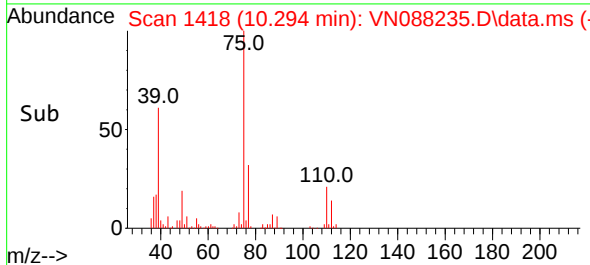
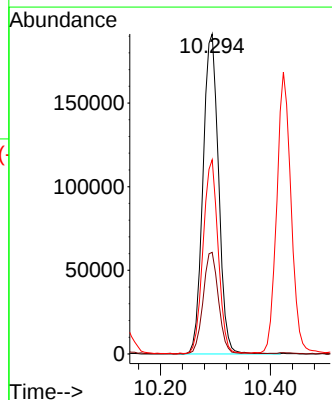
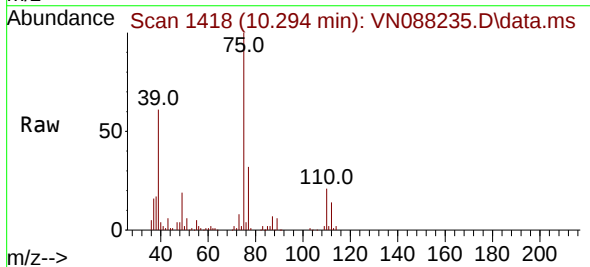
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

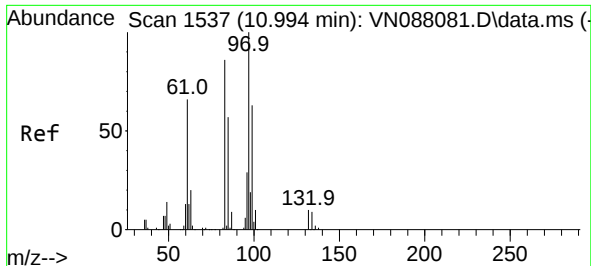
Tgt Ion: 75 Resp: 357363
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 59.231 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN088235.D
 Acq: 10 Nov 2025 12:28

Tgt Ion: 75 Resp: 375498
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.6 37.0
 39 60.4 45.2 67.8

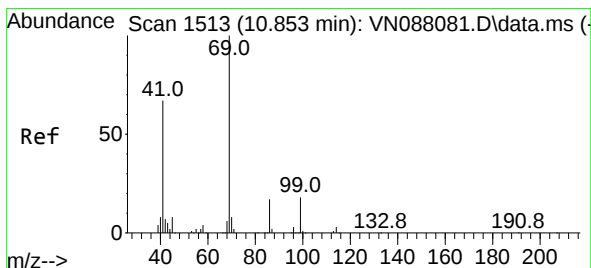
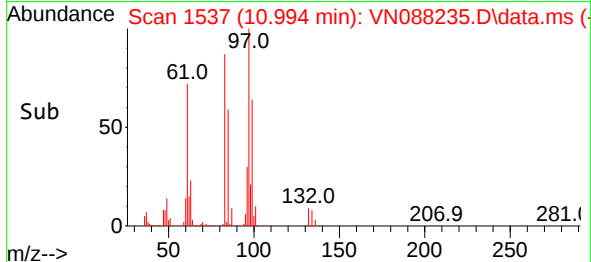
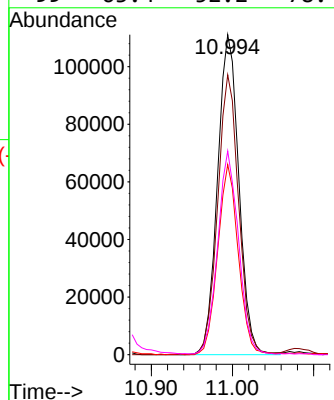
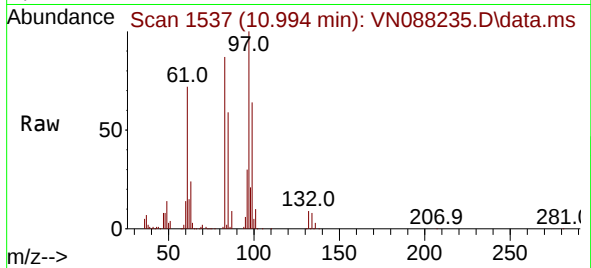




#55
1,1,2-Trichloroethane
Concen: 55.743 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

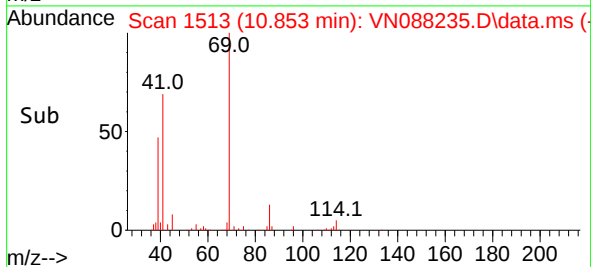
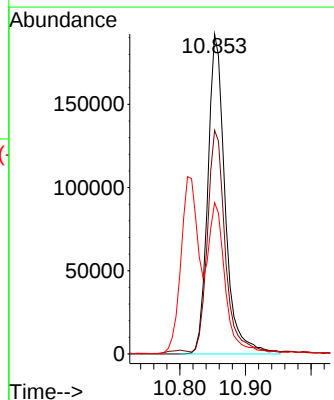
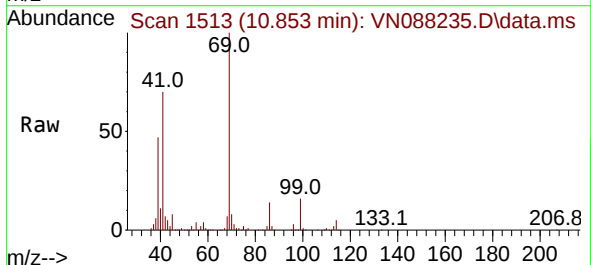
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

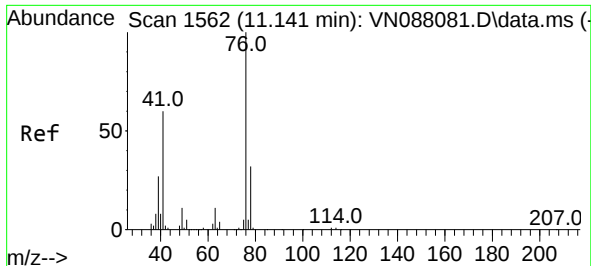
Tgt Ion:	97	Resp:	203031
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.2	102.4
85	59.1	45.5	68.3
99	63.4	52.2	78.4



#56
Ethyl methacrylate
Concen: 61.364 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion:	69	Resp:	353693
Ion	Ratio	Lower	Upper
69	100		
41	70.1	56.5	84.7
39	45.6	34.2	51.4





#57

1,3-Dichloropropane

Concen: 56.921 ug/l

RT: 11.141 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088235.D

Acq: 10 Nov 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

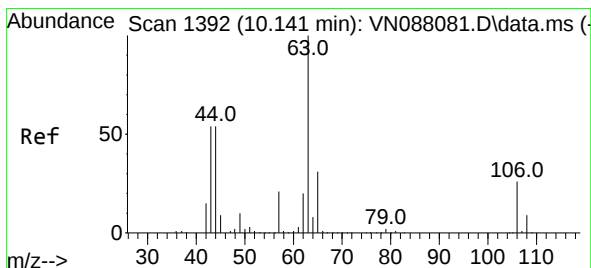
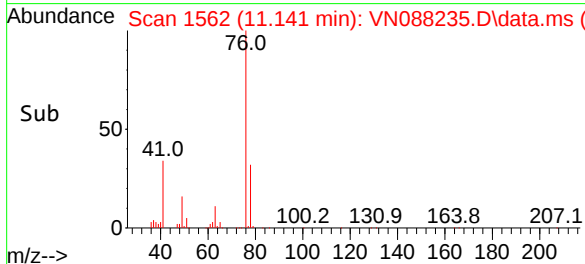
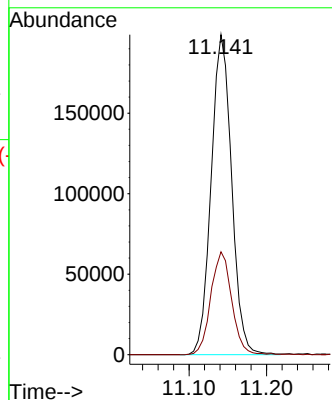
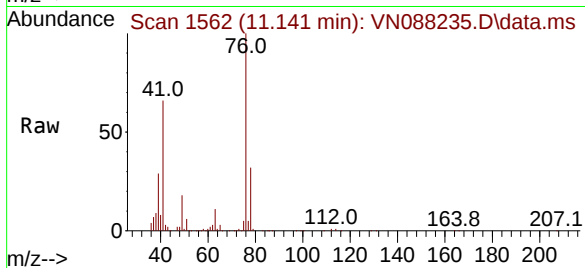
VSTDCCC050

Tgt Ion: 76 Resp: 364404

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 318.749 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN088235.D

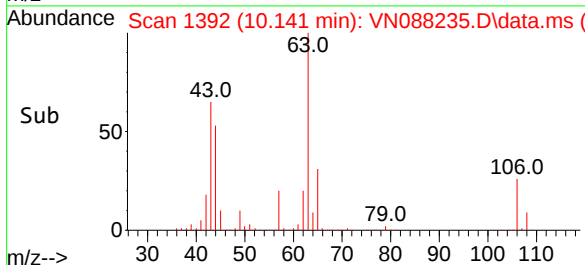
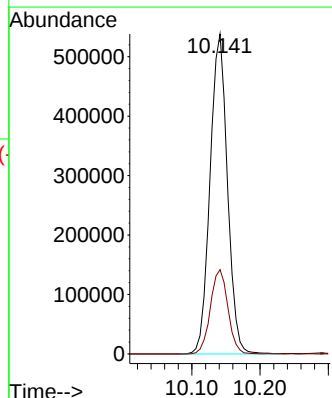
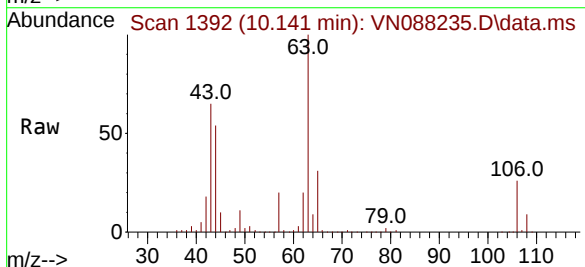
Acq: 10 Nov 2025 12:28

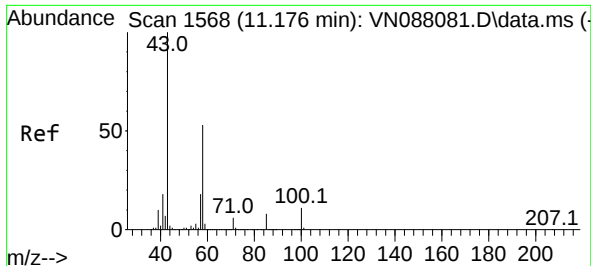
Tgt Ion: 63 Resp: 955648

Ion Ratio Lower Upper

63 100

106 26.6 21.1 31.7

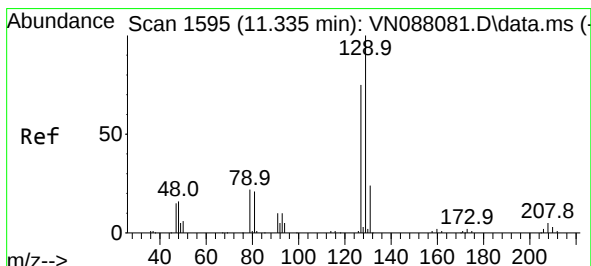
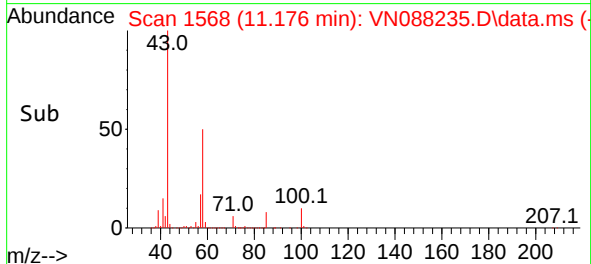
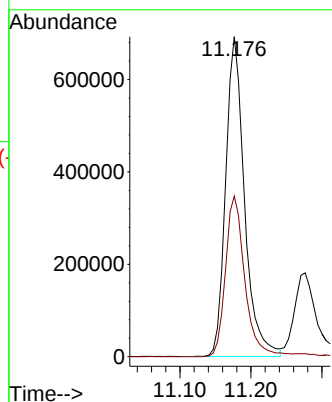
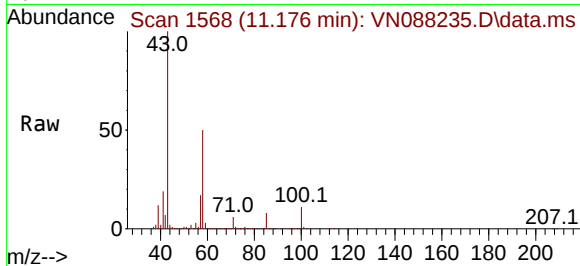




#59
2-Hexanone
Concen: 320.422 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

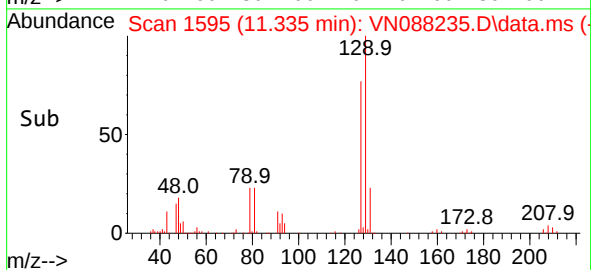
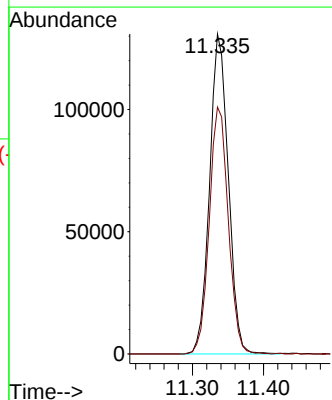
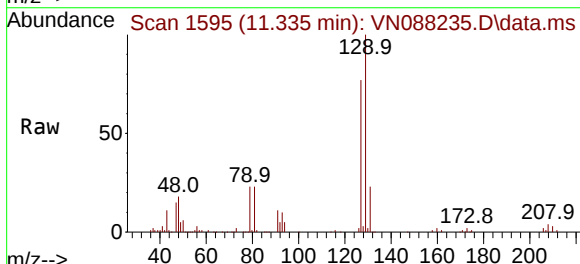
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

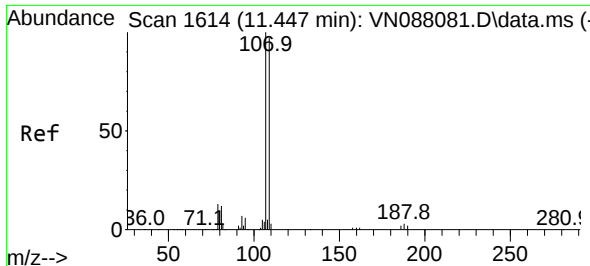
Tgt Ion: 43 Resp: 1274932
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.8



#60
Dibromochloromethane
Concen: 57.838 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion:129 Resp: 239440
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.3

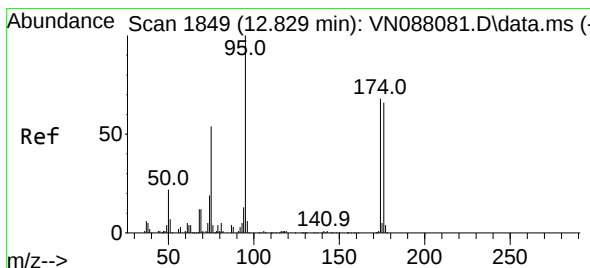
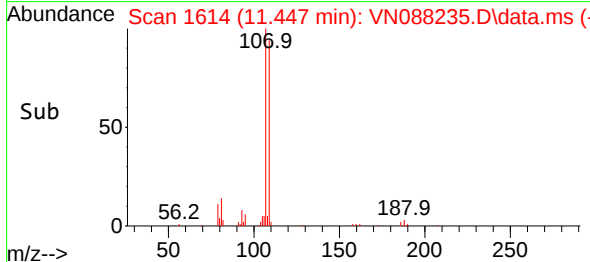
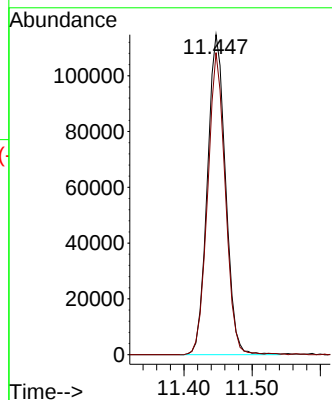
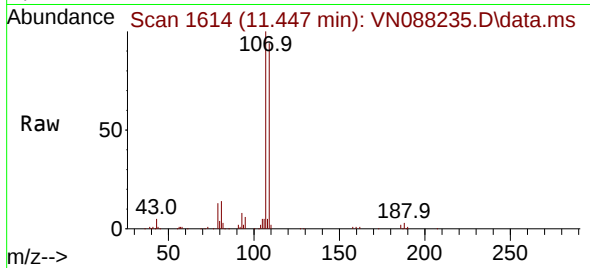




#61
1,2-Dibromoethane
Concen: 56.698 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

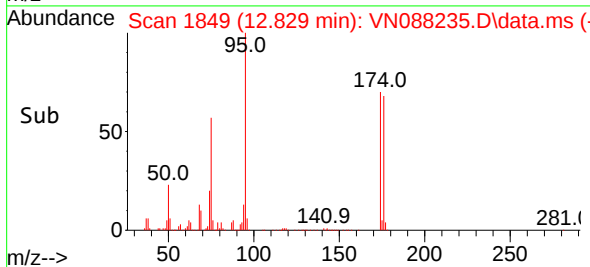
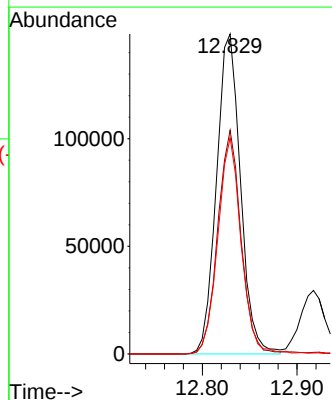
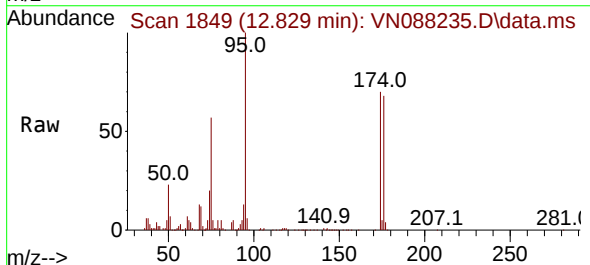
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

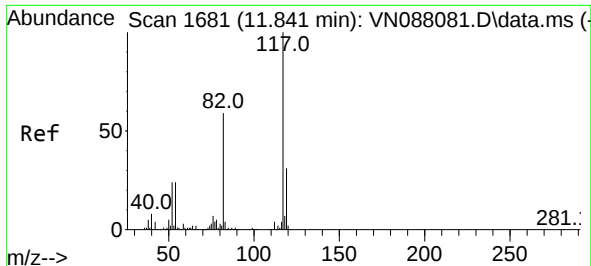
Tgt Ion:107 Resp: 212532
Ion Ratio Lower Upper
107 100
109 91.6 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 55.025 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion: 95 Resp: 262201
Ion Ratio Lower Upper
95 100
174 68.0 0.0 138.4
176 65.4 0.0 132.6

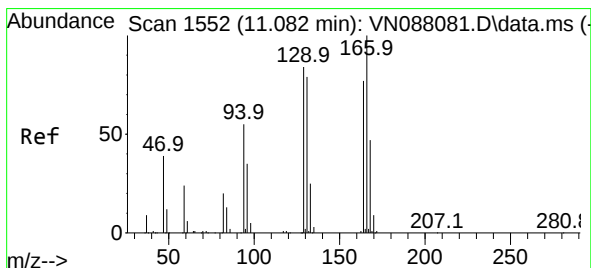
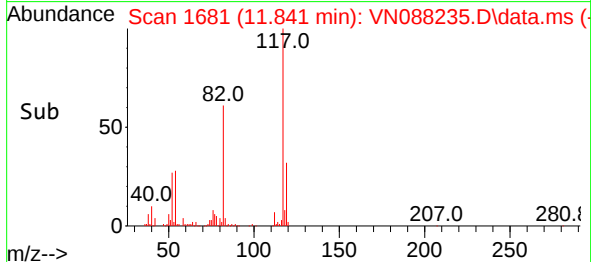
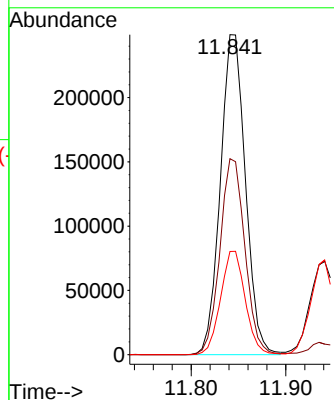
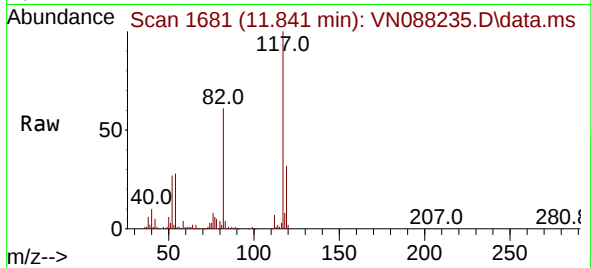




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

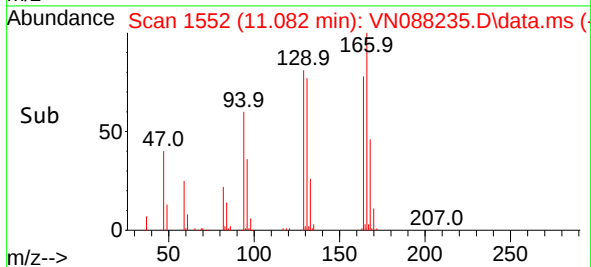
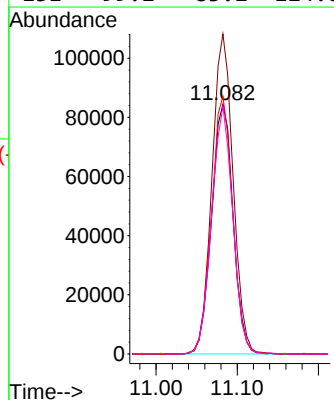
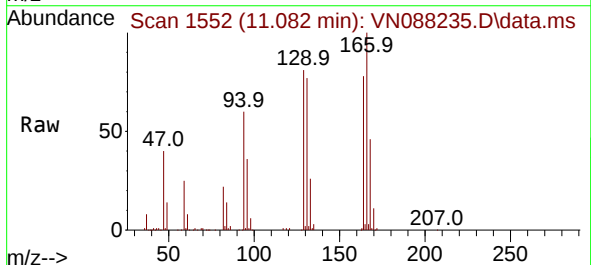
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

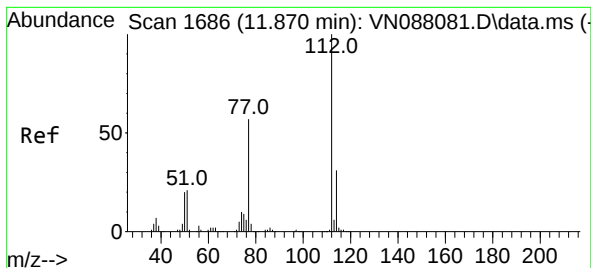
Tgt Ion:117 Resp: 458214
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.2
119 32.2 24.3 36.5



#64
Tetrachloroethene
Concen: 51.302 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion:164 Resp: 155058
Ion Ratio Lower Upper
164 100
166 128.2 97.7 146.5
129 103.3 85.9 128.9
131 99.2 83.2 124.8





#65

Chlorobenzene

Concen: 53.947 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN088235.D

Acq: 10 Nov 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

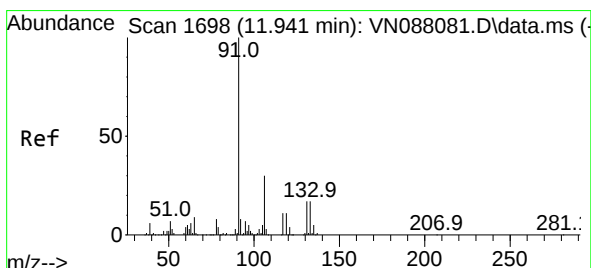
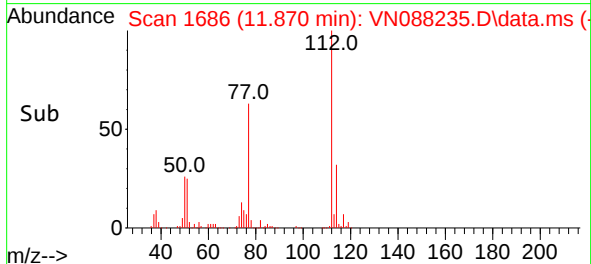
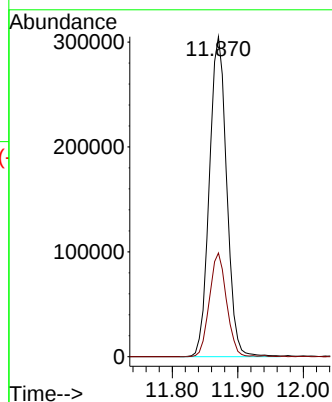
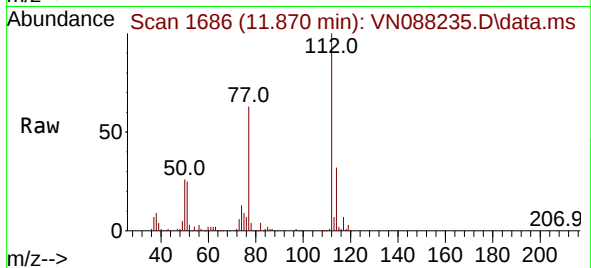
VSTDCCC050

Tgt Ion:112 Resp: 561293

Ion Ratio Lower Upper

112 100

114 32.4 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 57.740 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN088235.D

Acq: 10 Nov 2025 12:28

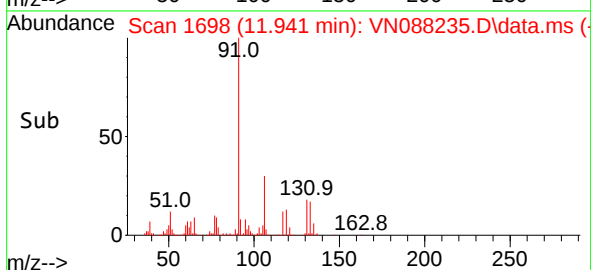
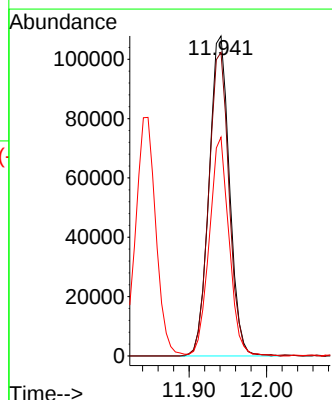
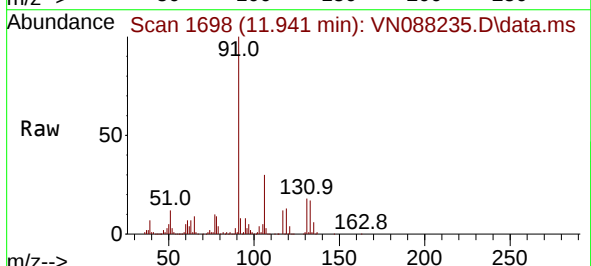
Tgt Ion:131 Resp: 196822

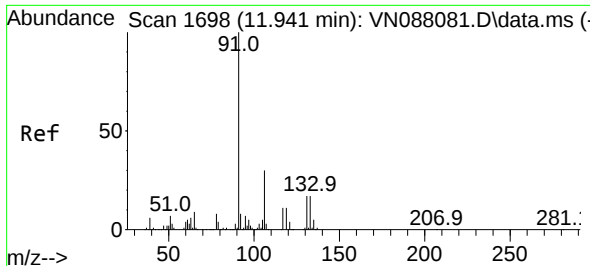
Ion Ratio Lower Upper

131 100

133 94.9 48.0 144.0

119 66.4 32.6 97.7





#67

Ethyl Benzene

Concen: 54.350 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN088235.D

Acq: 10 Nov 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

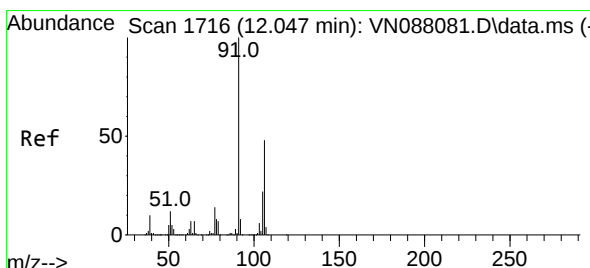
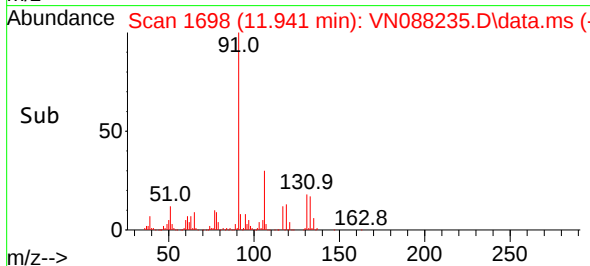
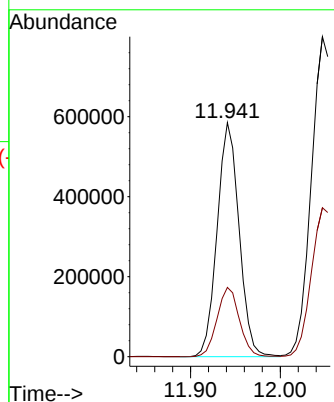
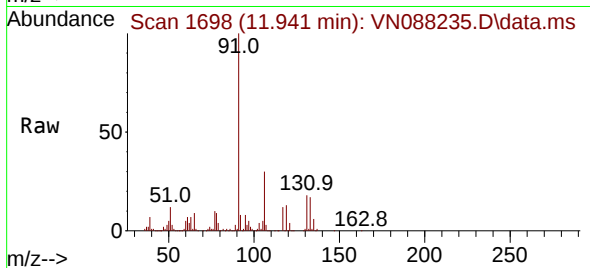
VSTDCCC050

Tgt Ion: 91 Resp: 992604

Ion Ratio Lower Upper

91 100

106 29.6 24.1 36.1



#68

m/p-Xylenes

Concen: 107.575 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VN088235.D

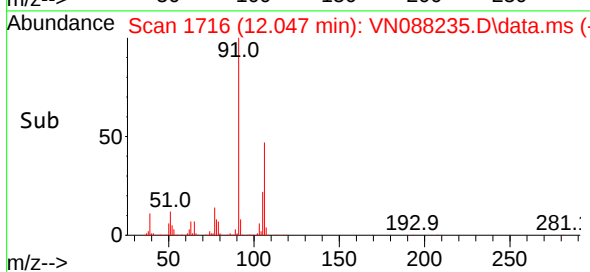
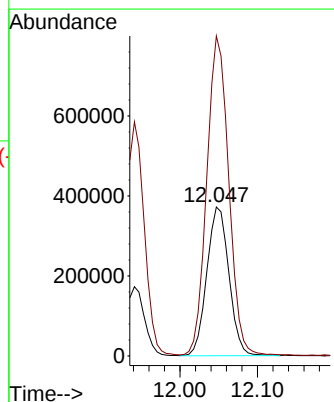
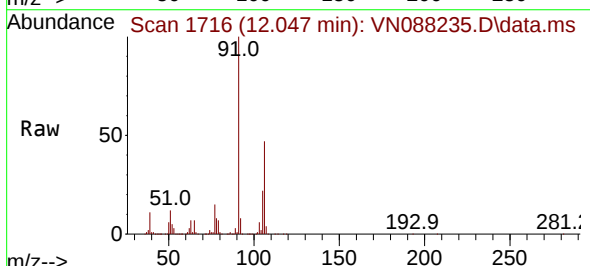
Acq: 10 Nov 2025 12:28

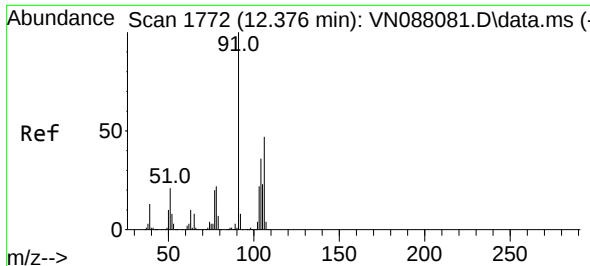
Tgt Ion:106 Resp: 736130

Ion Ratio Lower Upper

106 100

91 214.2 169.3 253.9

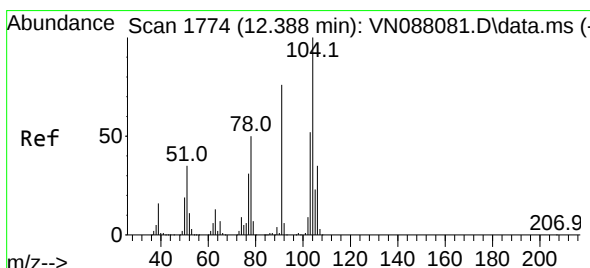
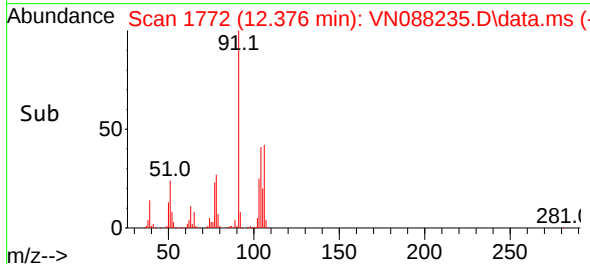
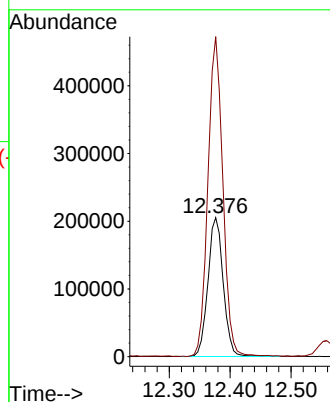
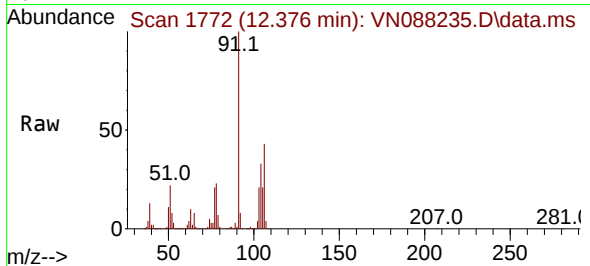




#69
o-Xylene
Concen: 55.143 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

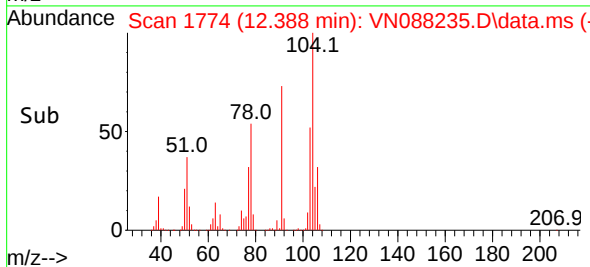
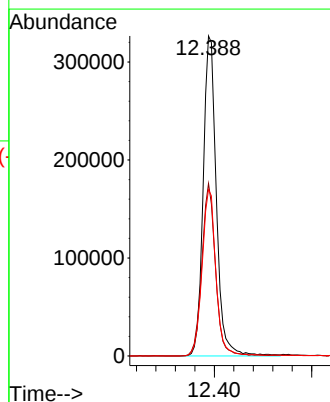
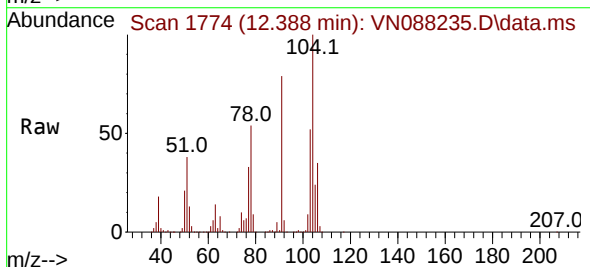
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

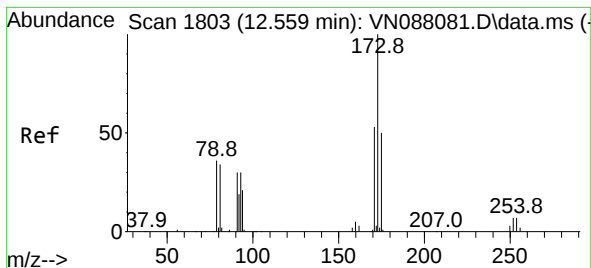
Tgt Ion:106 Resp: 357703
Ion Ratio Lower Upper
106 100
91 224.4 111.4 334.2



#70
Styrene
Concen: 57.922 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion:104 Resp: 612703
Ion Ratio Lower Upper
104 100
78 55.6 42.2 63.2
103 54.4 43.4 65.2





#71

Bromoform

Concen: 60.766 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088235.D

Acq: 10 Nov 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

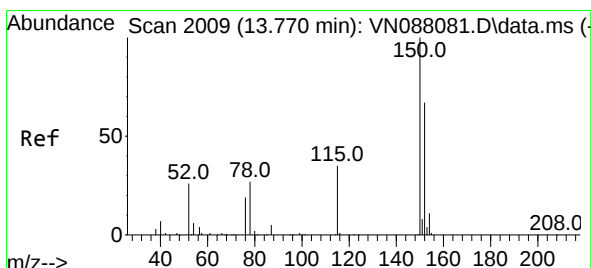
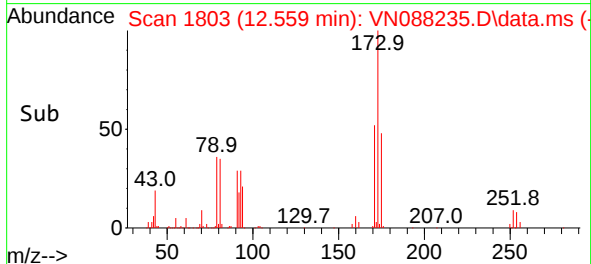
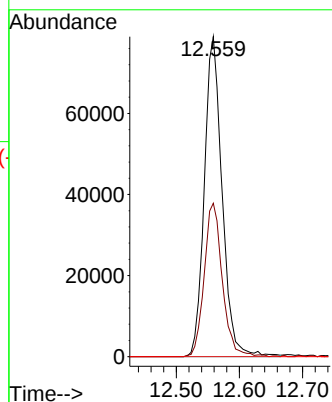
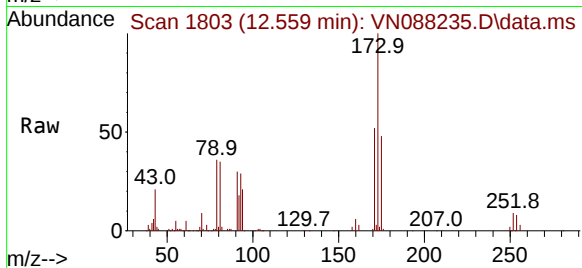
Tgt Ion:173 Resp: 154580

Ion Ratio Lower Upper

173 100

175 48.9 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: VN088235.D

Acq: 10 Nov 2025 12:28

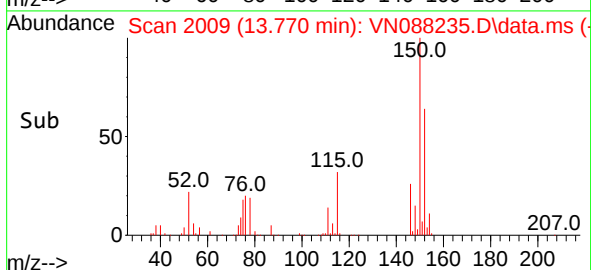
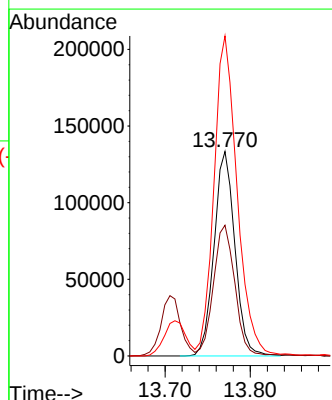
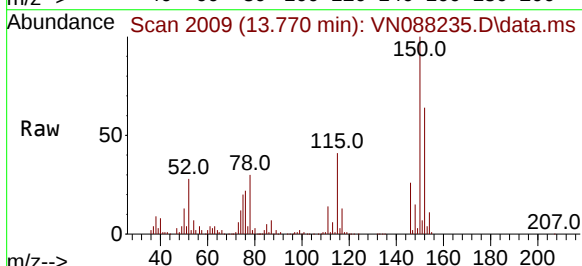
Tgt Ion:152 Resp: 227290

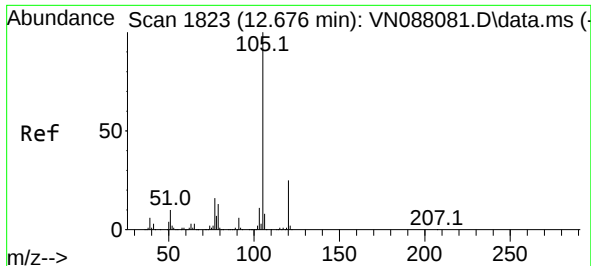
Ion Ratio Lower Upper

152 100

115 65.2 32.3 96.8

150 173.3 0.0 351.0

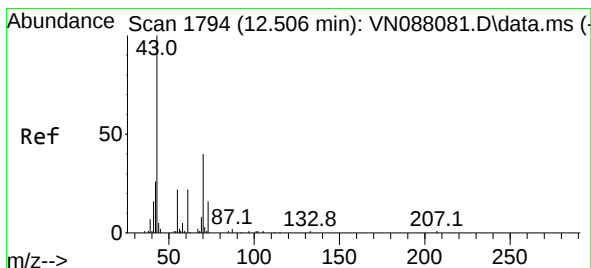
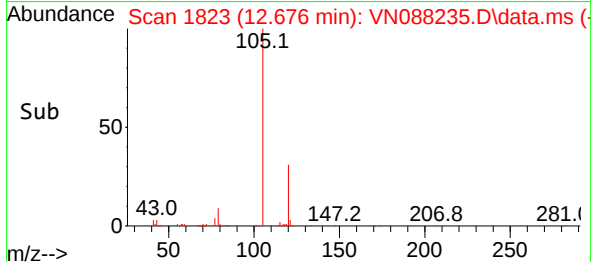
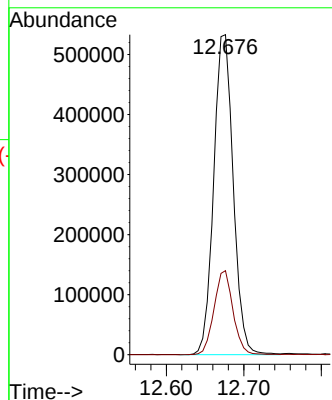
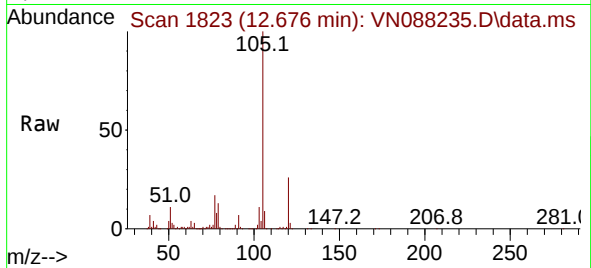




#73
Isopropylbenzene
Concen: 53.213 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

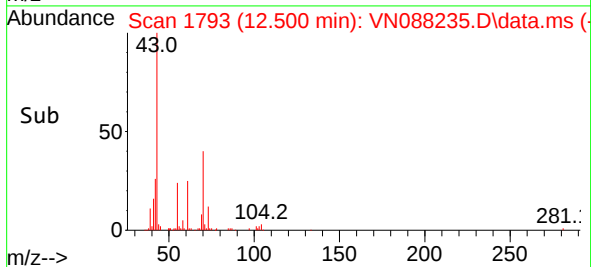
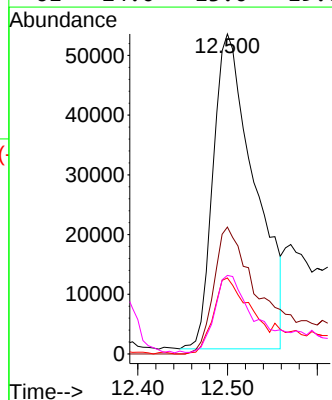
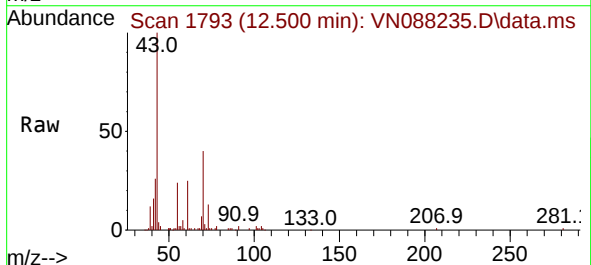
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

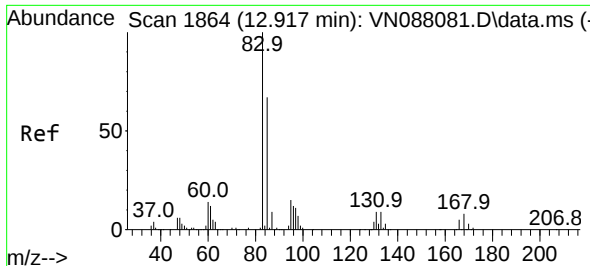
Tgt Ion:105 Resp: 932839
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.3



#74
N-ethyl acetate
Concen: 34.012 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion: 43 Resp: 169255
Ion Ratio Lower Upper
43 100
70 48.4 27.6 41.4#
55 21.8 13.0 19.6#
61 24.0 13.0 19.6#

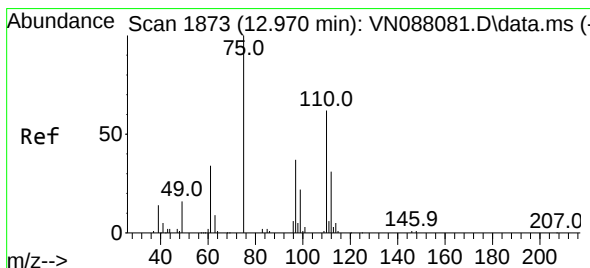
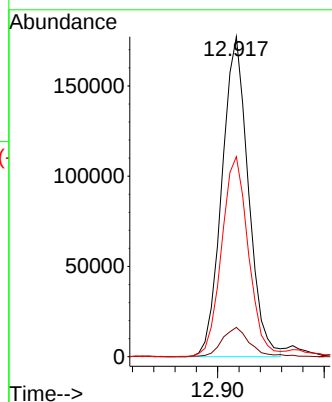
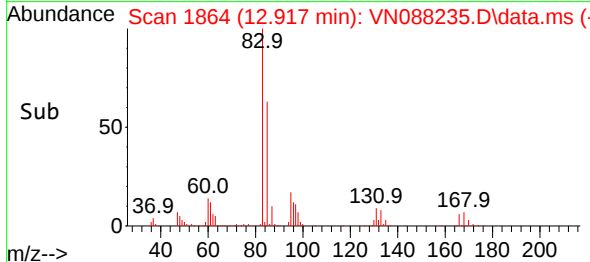
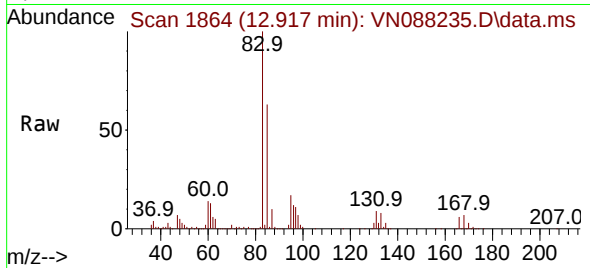




#75
1,1,2,2-Tetrachloroethane
Concen: 55.907 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

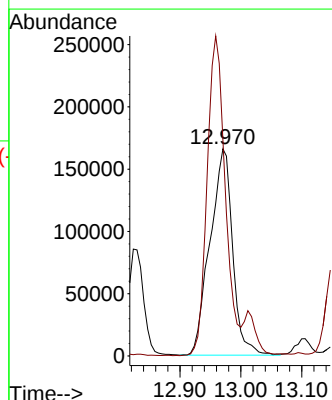
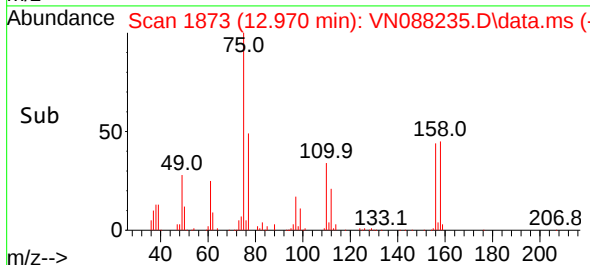
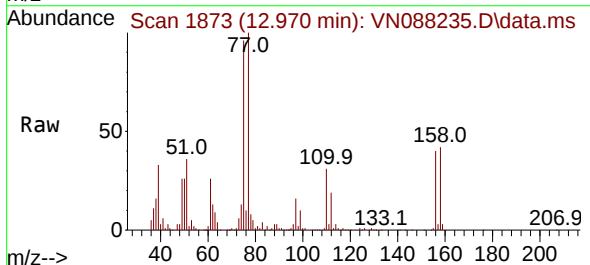
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

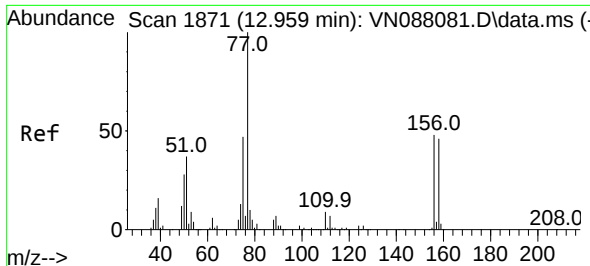
Tgt Ion: 83 Resp: 305126
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.4
85 63.4 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 82.466 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion: 75 Resp: 428541
Ion Ratio Lower Upper
75 100
77 124.4 89.1 267.4

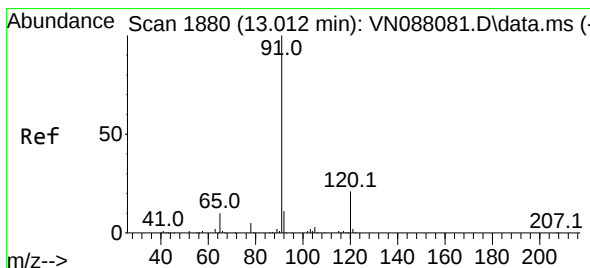
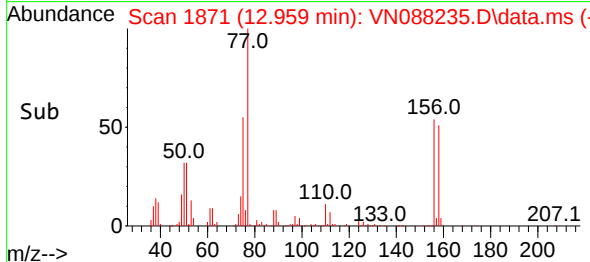
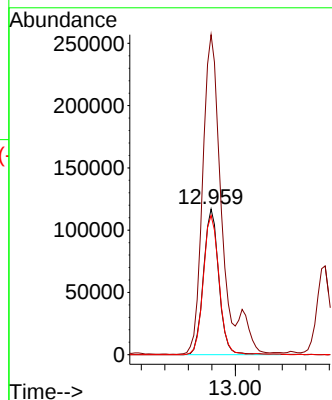
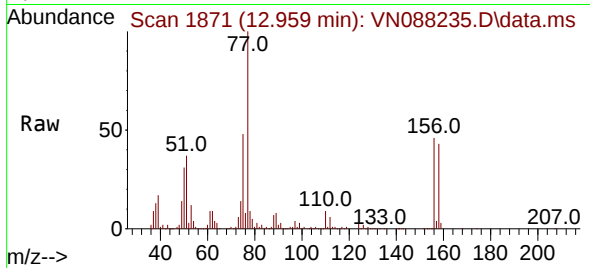




#77
Bromobenzene
Concen: 55.986 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

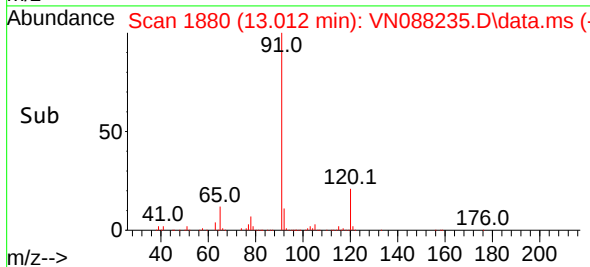
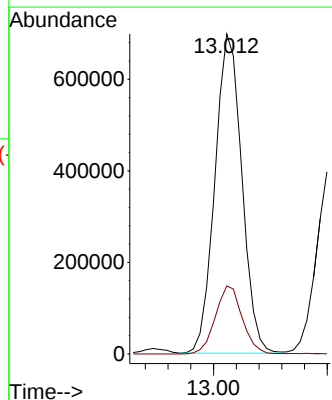
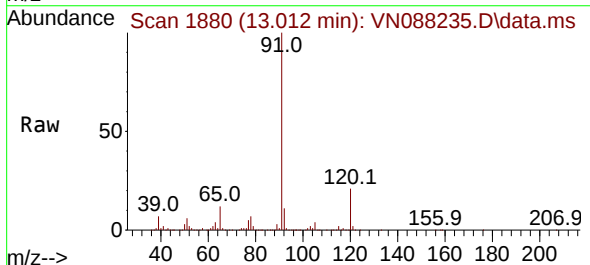
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

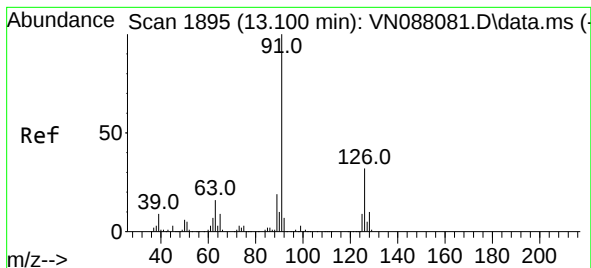
Tgt Ion:156 Resp: 211638
Ion Ratio Lower Upper
156 100
77 251.8 119.3 358.0
158 97.6 48.2 144.6



#78
n-propylbenzene
Concen: 53.563 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion: 91 Resp: 1145867
Ion Ratio Lower Upper
91 100
120 21.3 10.7 32.1

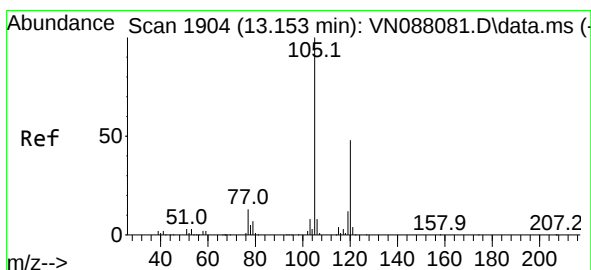
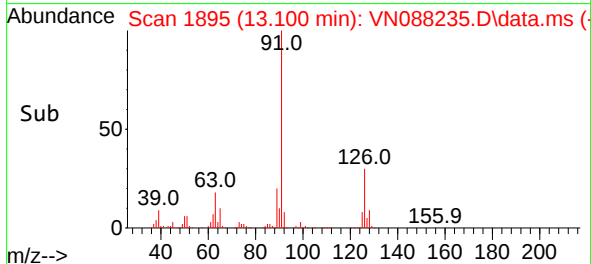
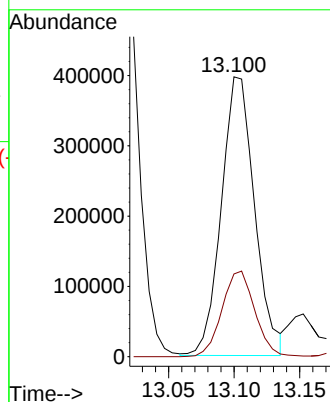
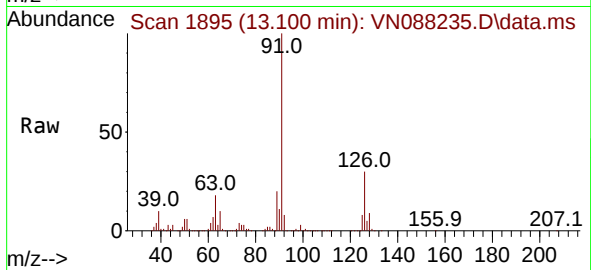




#79
2-Chlorotoluene
Concen: 57.276 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

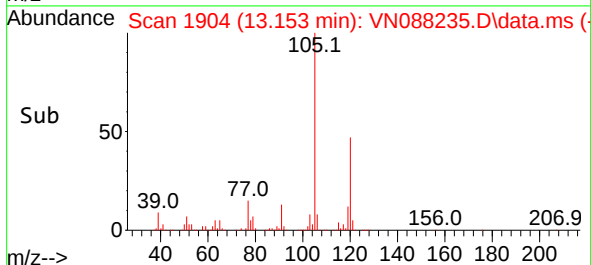
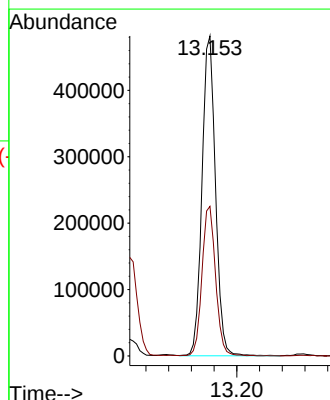
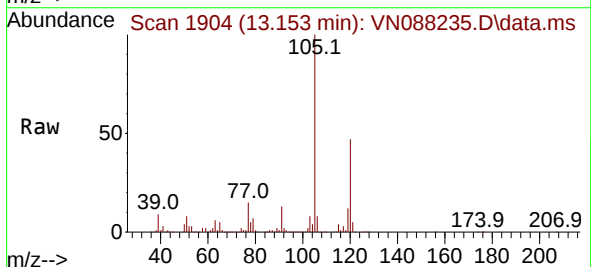
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

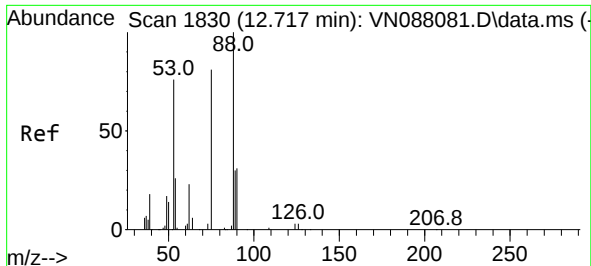
Tgt Ion: 91 Resp: 698776
Ion Ratio Lower Upper
91 100
126 30.4 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 54.331 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion: 105 Resp: 791007
Ion Ratio Lower Upper
105 100
120 46.9 23.2 69.6

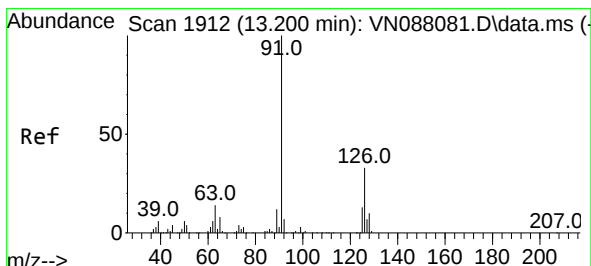
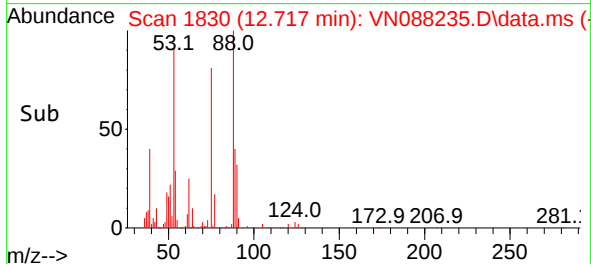
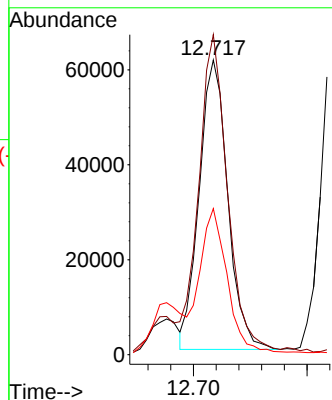
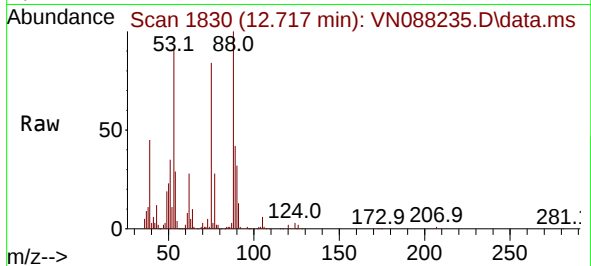




#81
trans-1,4-Dichloro-2-butene
Concen: 57.266 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

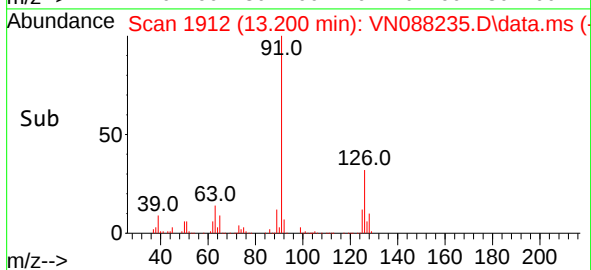
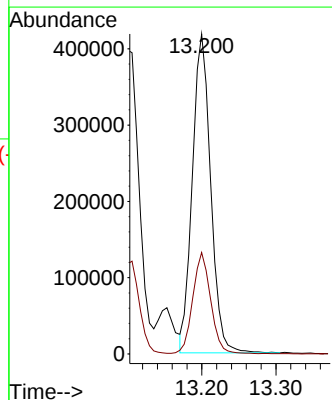
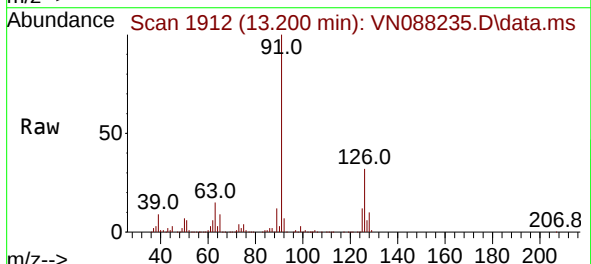
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

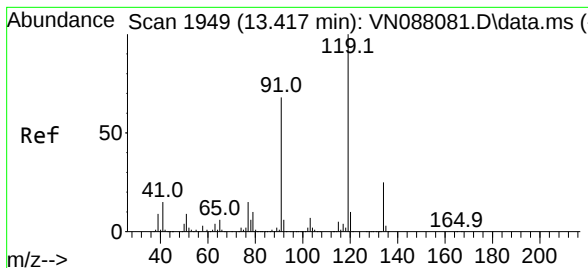
Tgt Ion: 75 Resp: 106680
Ion Ratio Lower Upper
75 100
53 110.2 101.8 152.6
89 47.9 35.6 53.4



#82
4-Chlorotoluene
Concen: 54.296 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion: 91 Resp: 716665
Ion Ratio Lower Upper
91 100
126 31.1 15.6 46.8





#83

tert-Butylbenzene

Concen: 51.240 ug/l

RT: 13.417 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VN088235.D

Acq: 10 Nov 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

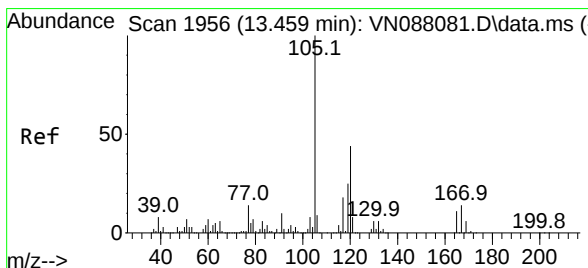
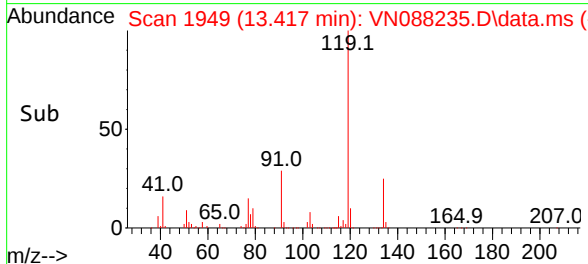
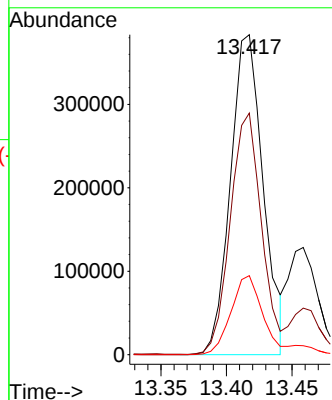
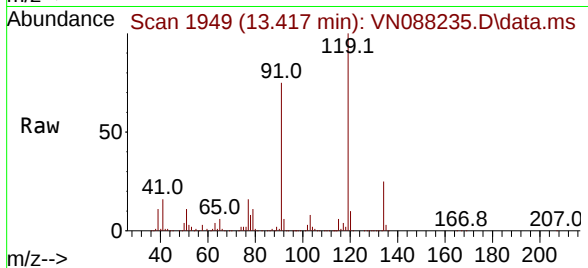
Tgt Ion:119 Resp: 666402

Ion Ratio Lower Upper

119 100

91 71.7 35.0 105.0

134 24.0 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 55.115 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN088235.D

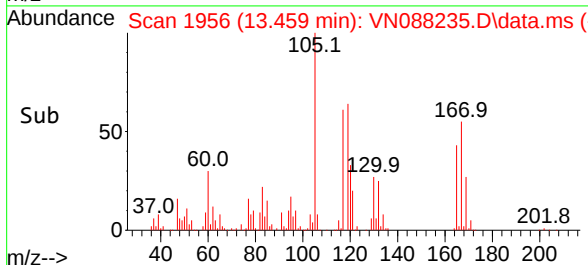
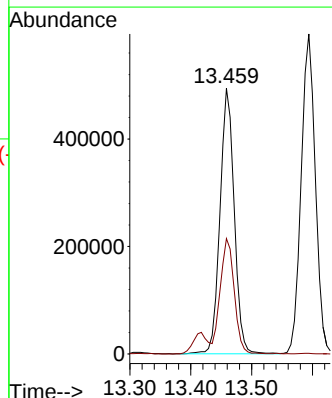
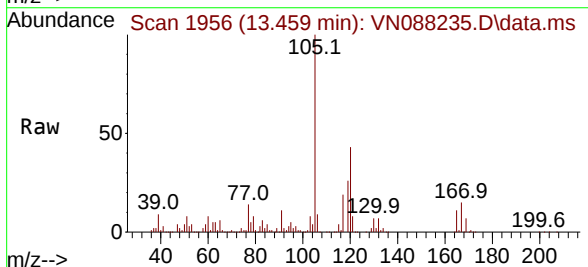
Acq: 10 Nov 2025 12:28

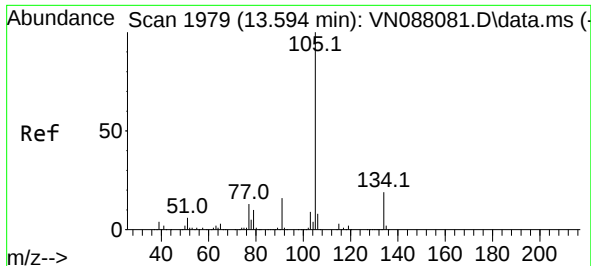
Tgt Ion:105 Resp: 802827

Ion Ratio Lower Upper

105 100

120 42.3 22.0 66.0

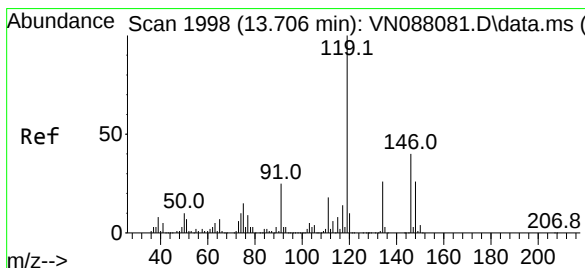
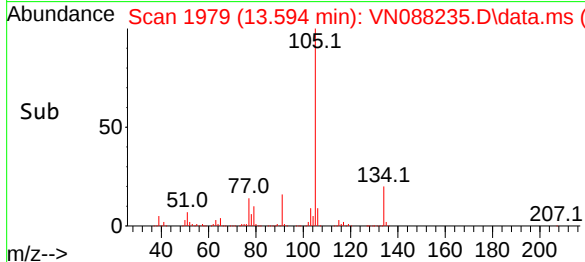
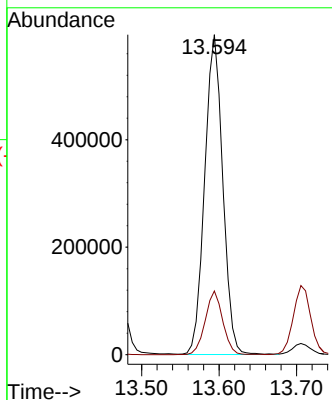
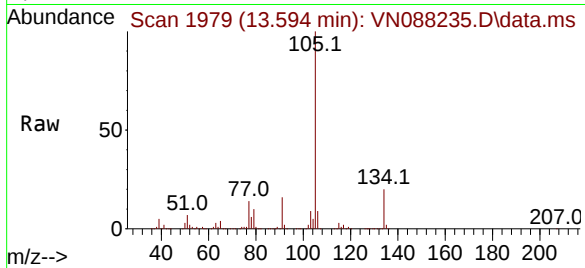




#85
sec-Butylbenzene
Concen: 50.433 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

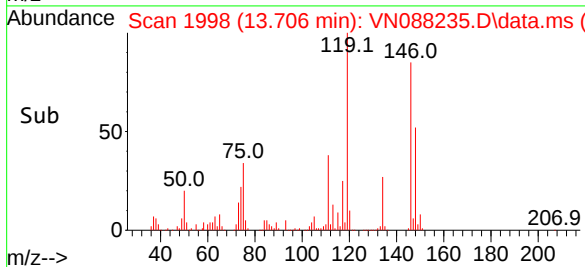
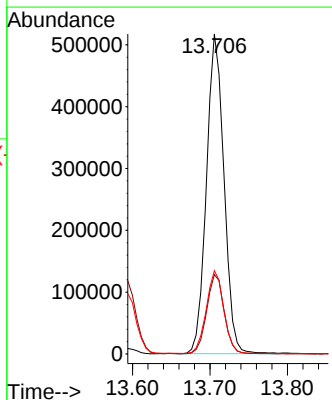
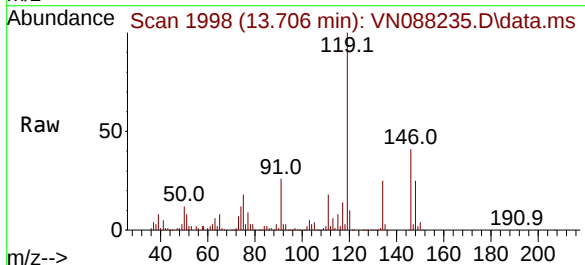
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

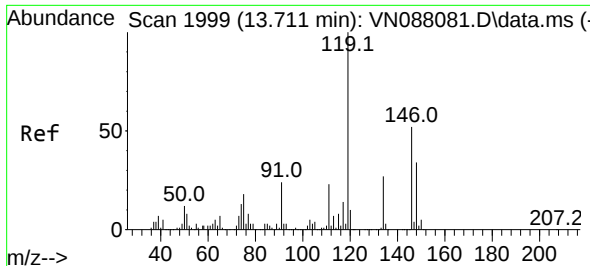
Tgt Ion:105 Resp: 963662
Ion Ratio Lower Upper
105 100
134 19.3 9.6 28.6



#86
p-Isopropyltoluene
Concen: 52.953 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion:119 Resp: 811689
Ion Ratio Lower Upper
119 100
134 24.9 12.7 38.0
91 26.1 12.5 37.5

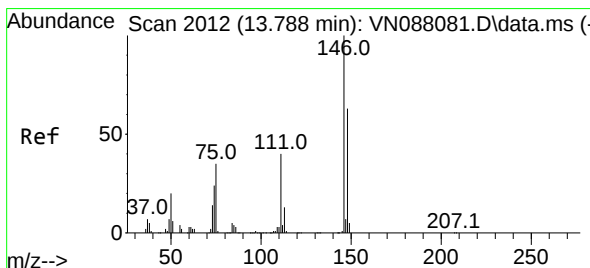
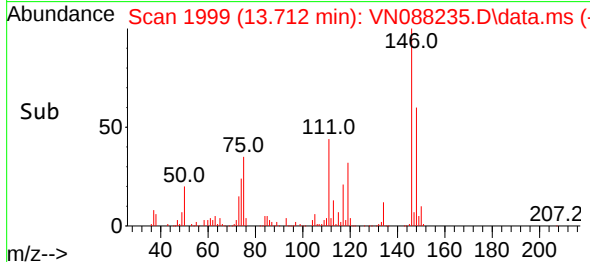
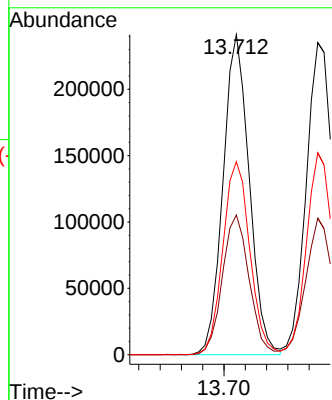
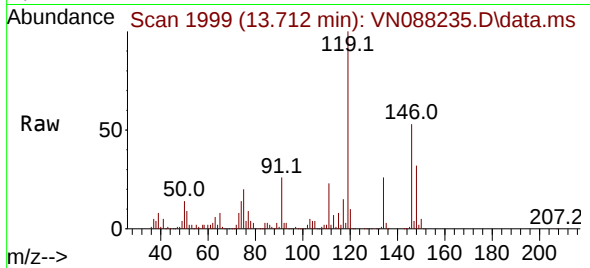




#87
 1,3-Dichlorobenzene
 Concen: 54.508 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN088235.D
 Acq: 10 Nov 2025 12:28

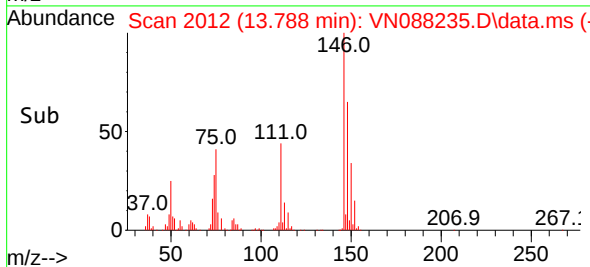
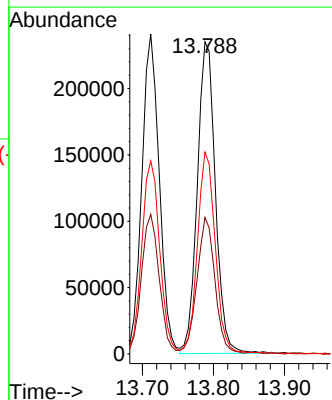
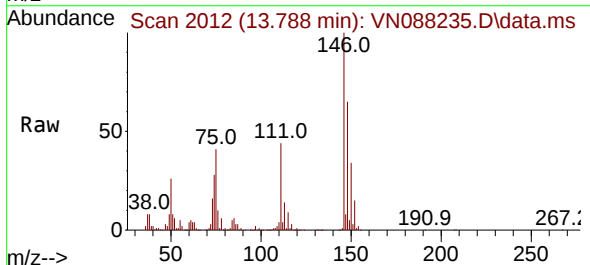
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

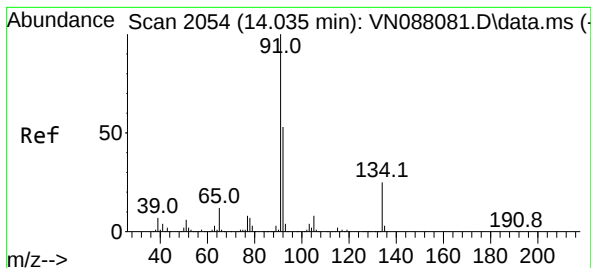
Tgt Ion:146 Resp: 411338
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.1 66.5
 148 62.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 51.367 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN088235.D
 Acq: 10 Nov 2025 12:28

Tgt Ion:146 Resp: 416336
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.0 63.0
 148 63.7 32.0 96.0





#89

n-Butylbenzene

Concen: 51.203 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN088235.D

Acq: 10 Nov 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

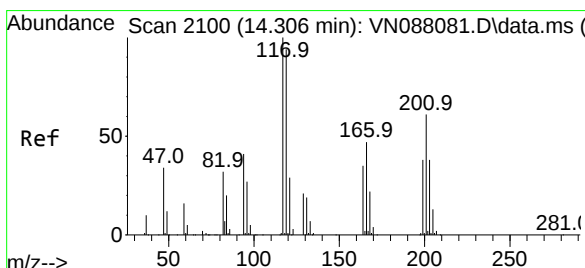
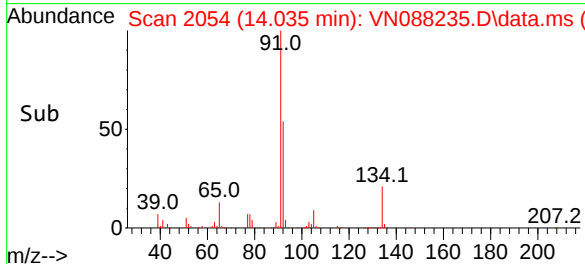
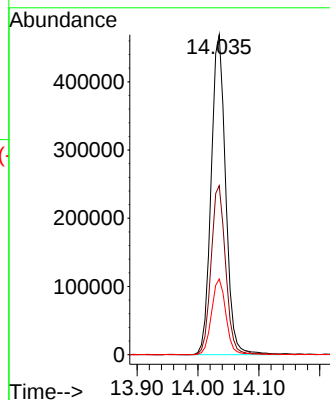
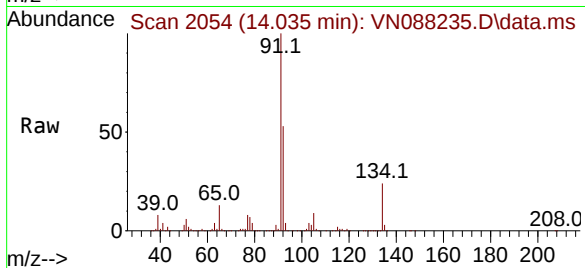
Tgt Ion: 91 Resp: 777443

Ion Ratio Lower Upper

91 100

92 53.2 25.9 77.8

134 23.5 11.7 35.0



#90

Hexachloroethane

Concen: 53.421 ug/l

RT: 14.311 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN088235.D

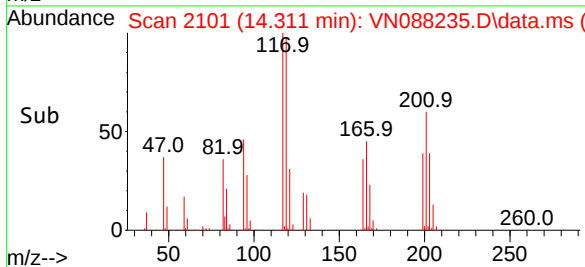
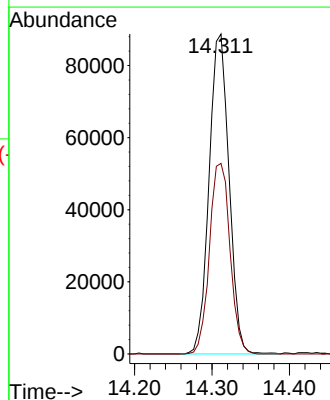
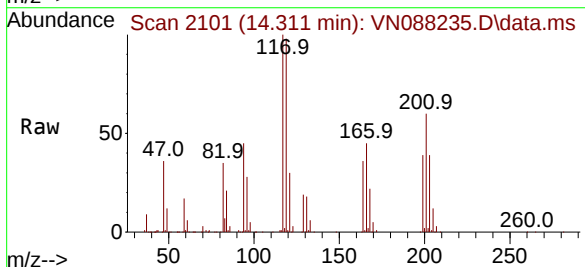
Acq: 10 Nov 2025 12:28

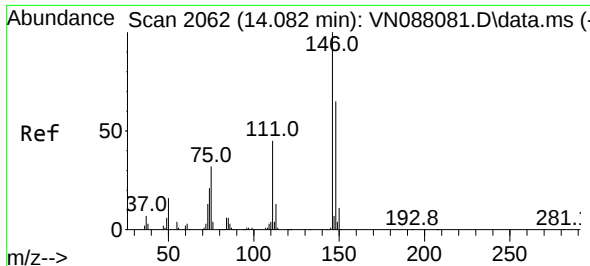
Tgt Ion: 117 Resp: 158572

Ion Ratio Lower Upper

117 100

201 61.4 29.1 87.4

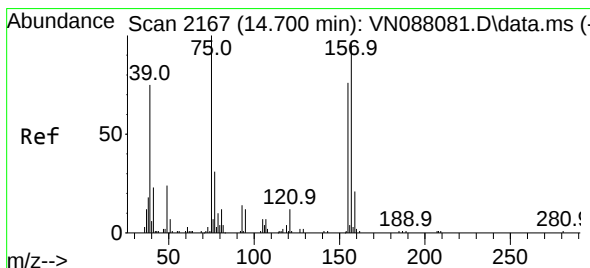
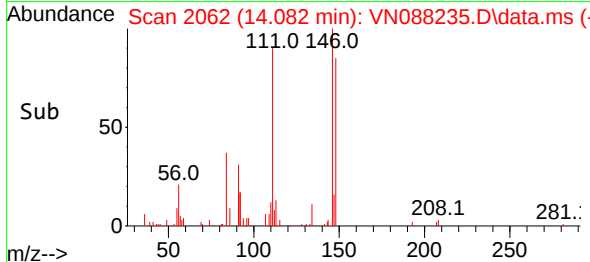
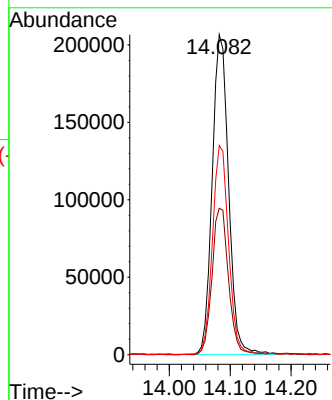
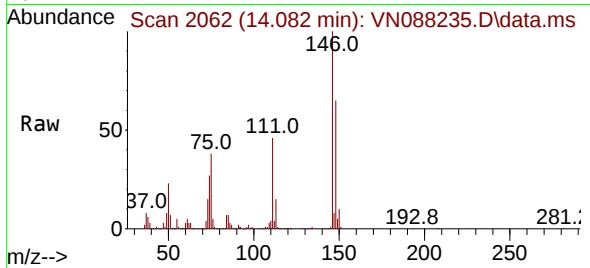




#91
1,2-Dichlorobenzene
Concen: 53.027 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

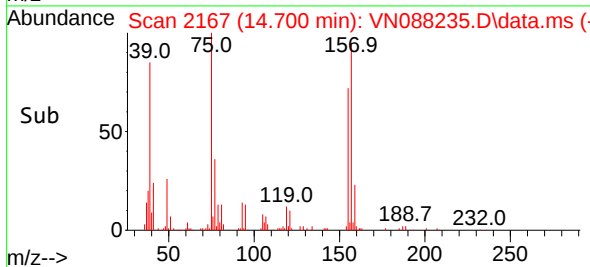
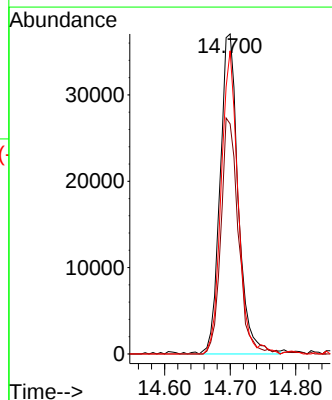
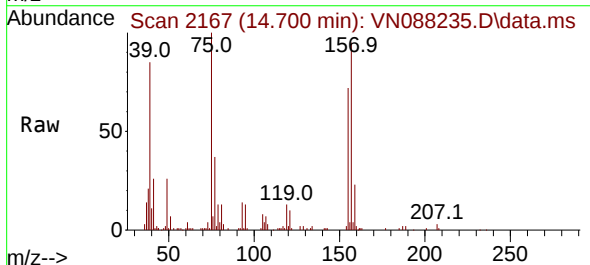
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

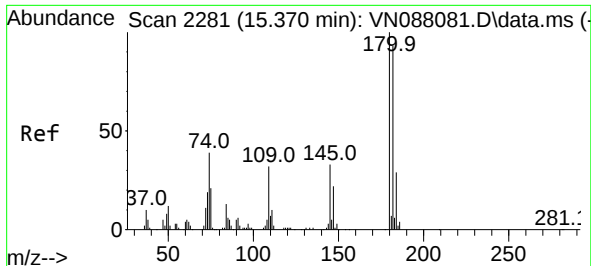
Tgt Ion:146 Resp: 385733
Ion Ratio Lower Upper
146 100
111 46.2 22.6 67.8
148 64.3 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.152 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion: 75 Resp: 71330
Ion Ratio Lower Upper
75 100
155 70.6 36.6 109.9
157 87.8 45.6 136.9

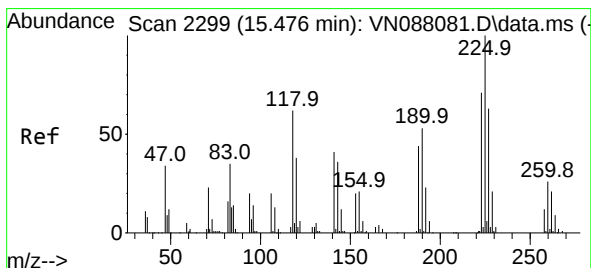
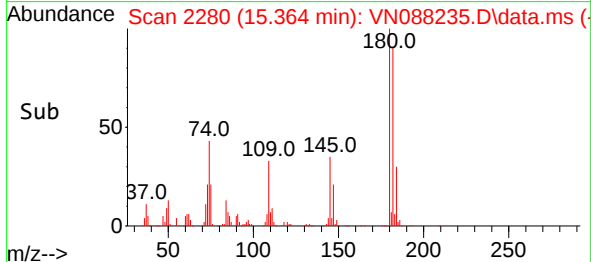
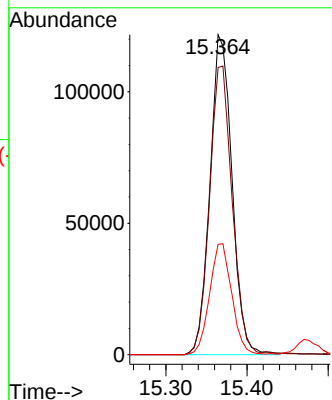
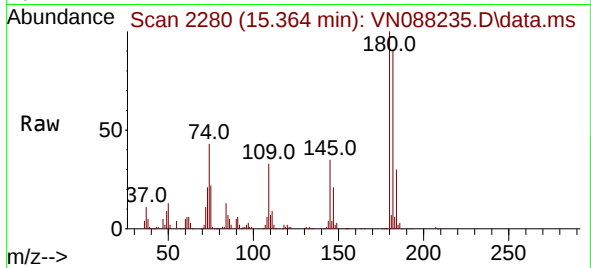




#93
1,2,4-Trichlorobenzene
Concen: 52.168 ug/l
RT: 15.364 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

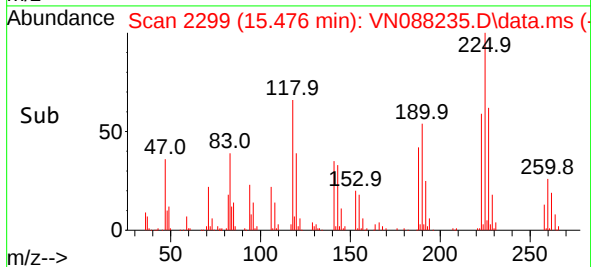
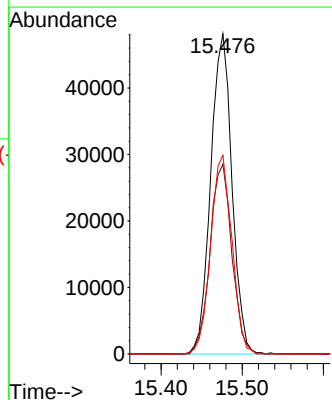
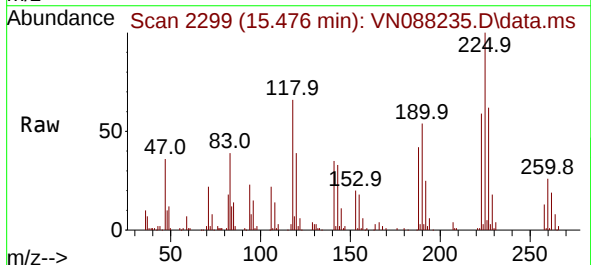
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

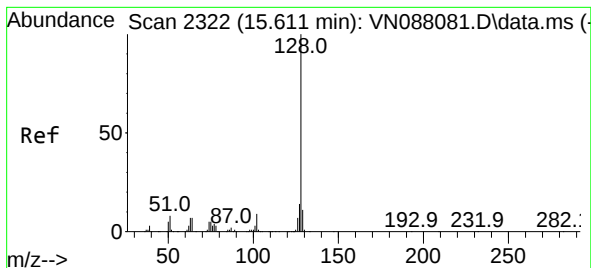
Tgt Ion:180 Resp: 229826
Ion Ratio Lower Upper
180 100
182 92.2 47.6 142.9
145 34.9 16.5 49.5



#94
Hexachlorobutadiene
Concen: 53.339 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN088235.D
Acq: 10 Nov 2025 12:28

Tgt Ion:225 Resp: 87507
Ion Ratio Lower Upper
225 100
223 61.0 32.0 96.2
227 62.4 32.1 96.5





#95

Naphthalene

Concen: 52.637 ug/l

RT: 15.617 min Scan# 2322

Delta R.T. 0.006 min

Lab File: VN088235.D

Acq: 10 Nov 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

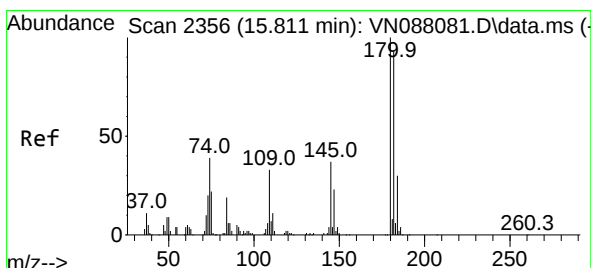
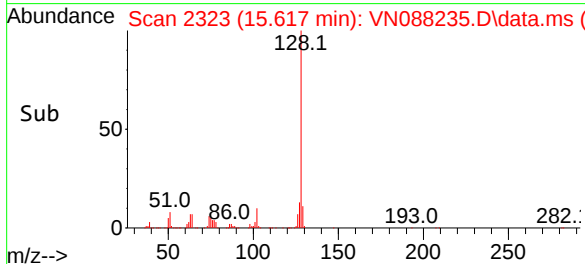
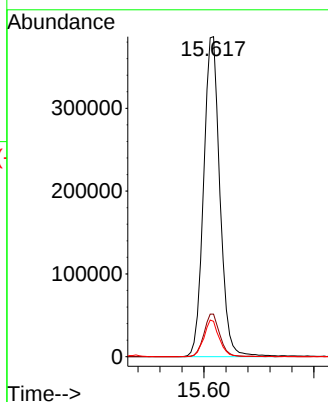
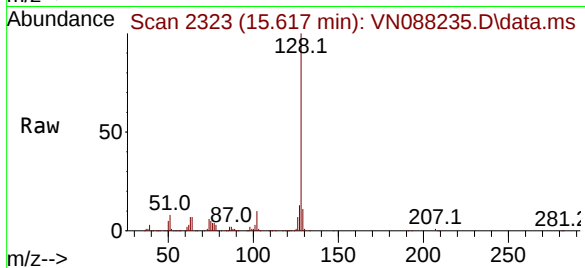
Tgt Ion:128 Resp: 794397

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 50.562 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN088235.D

Acq: 10 Nov 2025 12:28

Tgt Ion:180 Resp: 213580

Ion Ratio Lower Upper

180 100

182 95.5 46.8 140.3

145 37.3 17.3 52.0

