

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112525\
 Data File : VN088354.D
 Acq On : 25 Nov 2025 11:36
 Operator : JC\MD
 Sample : VN1125WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

Quant Time: Nov 26 00:16:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	57156	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	284593	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	251170	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	148623	28.467	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.900%
60) 4-Bromofluorobenzene	12.829	95	121015	28.502	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.000%
63) Toluene-d8	10.547	98	368703	31.006	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.367%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	75739	18.851	ug/l	96
3) Chloromethane	2.389	50	80767	19.497	ug/l	98
4) Vinyl Chloride	2.536	62	80381	18.351	ug/l	98
5) Bromomethane	2.989	94	40425	17.309	ug/l	89
6) Chloroethane	3.142	64	50868	18.788	ug/l	96
7) Trichlorofluoromethane	3.512	101	114158	18.590	ug/l	92
8) Diethyl Ether	3.965	74	43923	19.137	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	61900	19.214	ug/l	79
10) 1,1-Dichloroethene	4.342	96	58729	18.686	ug/l	96
11) Methyl Iodide	4.589	142	57383	17.156	ug/l	90
12) Methyl Acetate	5.012	43	107579	21.217	ug/l	92
13) Acrolein	4.177	56	121857	163.345	ug/l	99
14) Acrylonitrile	5.706	53	226871	98.469	ug/l	98
15) Acetone	4.418	58	51351	76.215	ug/l	94
16) Carbon Disulfide	4.712	76	191112	18.030	ug/l	100
17) Allyl chloride	5.018	41	109271	17.891	ug/l	96
18) Methylene Chloride	5.265	84	74112	18.971	ug/l	98
19) trans-1,2-Dichloroethene	5.771	96	67199	18.361	ug/l	95
20) Diisopropyl ether	6.659	45	255743	19.595	ug/l	91
21) 1,1-Dichloroethane	6.553	63	135317	18.403	ug/l	97
22) cis-1,2-Dichloroethene	7.471	96	80556	18.938	ug/l	95
23) tert-Butyl Alcohol	5.512	59	75029	88.562	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	242048	19.101	ug/l	99
25) Chloroform	7.947	83	139866	19.197	ug/l	100
26) Cyclohexane	8.241	56	117093	18.853	ug/l #	94
29) 1,1-Dichloropropene	8.353	75	91496	19.268	ug/l	98
30) 2-Butanone	7.465	43	296062	96.385	ug/l	98
31) 2,2-Dichloropropane	7.477	77	113468	19.374	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	120481	20.582	ug/l	97
33) Carbon Tetrachloride	8.341	117	101155	20.236	ug/l	92
34) Benzene	8.588	78	287622	20.264	ug/l	96
35) Methacrylonitrile	7.759	41	65796	20.536	ug/l	95
36) 1,2-Dichloroethane	8.653	62	112754	20.412	ug/l	99
37) Trichloroethene	9.329	130	67526	20.993	ug/l	99
38) Methylcyclohexane	9.582	83	102548	18.837	ug/l	99
39) 1,2-Dichloropropane	9.600	63	76729	20.953	ug/l	97
40) Dibromomethane	9.688	93	55518	21.101	ug/l	98
41) Bromodichloromethane	9.865	83	110311	20.827	ug/l	94
42) Vinyl Acetate	6.588	43	1141709	111.364	ug/l	98

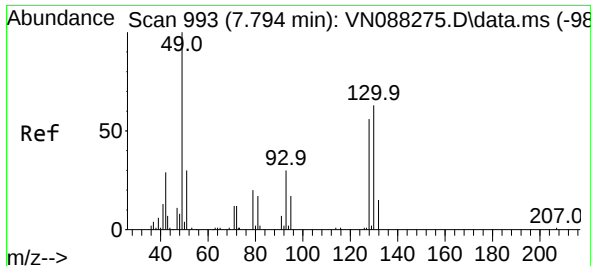
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112525\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	120574	19.509	ug/l	99
44) Isopropyl Acetate	8.671	43	197751	20.762	ug/l	100
45) 1,4-Dioxane	9.682	88	24781	432.052	ug/l	96
46) Methyl methacrylate	9.665	41	92156	20.677	ug/l	92
47) n-amyl Acetate	12.688	43	11694	2.423	ug/l #	100
48) t-1,3-Dichloropropene	10.818	75	108515	19.155	ug/l	97
49) cis-1,3-Dichloropropene	10.294	75	121530	20.618	ug/l	98
50) 1,1,2-Trichloroethane	10.994	97	67719	20.815	ug/l	97
51) Ethyl methacrylate	10.853	69	107966	20.171	ug/l	98
52) 1,3-Dichloropropane	11.141	76	124545	21.020	ug/l	99
53) Dibromochloromethane	11.335	129	77198	20.658	ug/l	96
54) 1,2-Dibromoethane	11.447	107	69311	20.504	ug/l	98
55) 2-Chloroethyl vinyl ether	10.141	63	313016	101.518	ug/l	99
56) Bromoform	12.559	173	47920	20.259	ug/l	96
58) 4-Methyl-2-Pentanone	10.424	43	645267	113.586	ug/l	99
59) 2-Hexanone	11.176	43	405741	107.560	ug/l	97
61) Tetrachloroethene	11.082	164	67061	25.896	ug/l	91
62) Toluene	10.612	91	299742	20.796	ug/l	98
64) Chlorobenzene	11.871	112	183421	20.547	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.935	131	63859	20.900	ug/l	96
66) Ethyl Benzene	11.941	91	318781	20.067	ug/l	100
67) m/p-Xylenes	12.047	106	238172	40.091	ug/l	97
68) o-Xylene	12.376	106	112340	20.046	ug/l	97
69) Styrene	12.388	104	185873	19.528	ug/l	99
70) Isopropylbenzene	12.676	105	286728	19.306	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	95283	19.806	ug/l	100
72) 1,2,3-Trichloropropane	12.976	75	132538	28.438	ug/l	51
73) Bromobenzene	12.959	156	68337	20.381	ug/l	93
74) n-propylbenzene	13.012	91	364283	19.820	ug/l	100
75) 2-Chlorotoluene	13.106	91	213493	19.102	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	242400	19.444	ug/l	99
77) t-1,4-Dichloro-2-butene	12.718	75	31021	19.382	ug/l	88
78) 4-Chlorotoluene	13.200	91	220146	19.438	ug/l	99
79) tert-butylbenzene	13.412	119	196566	18.416	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	234777	18.938	ug/l	98
81) sec-Butylbenzene	13.594	105	296159	19.024	ug/l	99
82) p-Isopropyltoluene	13.706	119	236561	18.389	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	126300	19.388	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	131856	19.986	ug/l	99
85) n-Butylbenzene	14.035	91	225791	18.417	ug/l	99
86) Hexachloroethane	14.306	117	42647	17.315	ug/l	99
87) 1,2-Dichlorobenzene	14.082	146	122631	19.943	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	21909	19.375	ug/l	96
89) 1,2,4-Trichlorobenzene	15.817	180	68912	19.971	ug/l	98
90) Hexachlorobutadiene	15.470	225	25670	19.156	ug/l	96
91) Naphthalene	15.617	128	242838	19.450	ug/l	99
92) 1,2,3-Trichlorobenzene	15.817	180	68912	19.971	ug/l	98

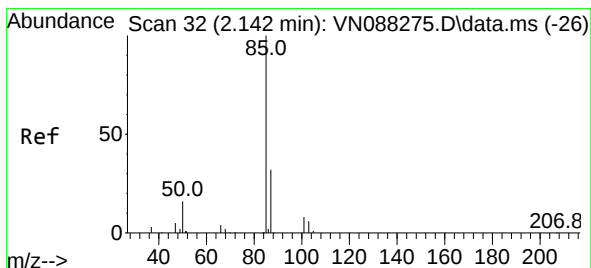
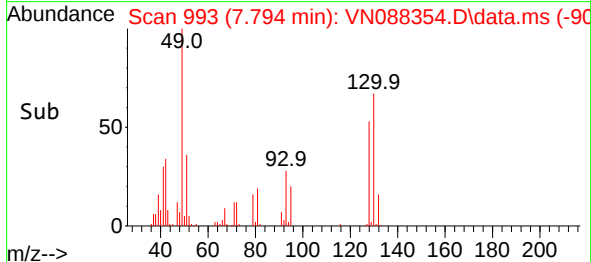
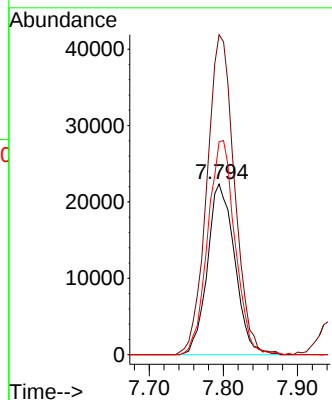
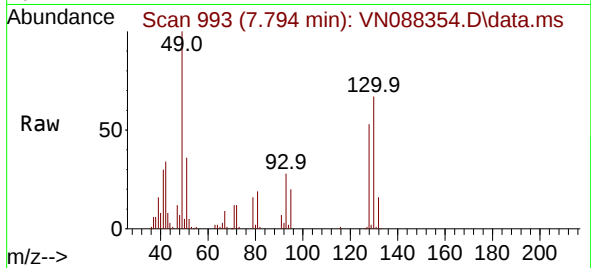
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

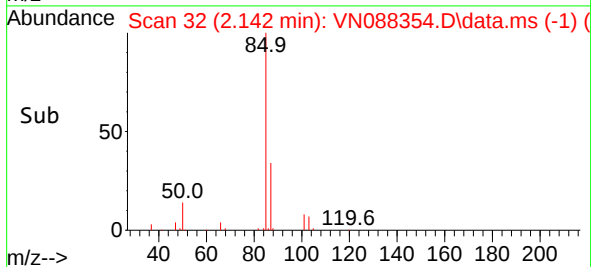
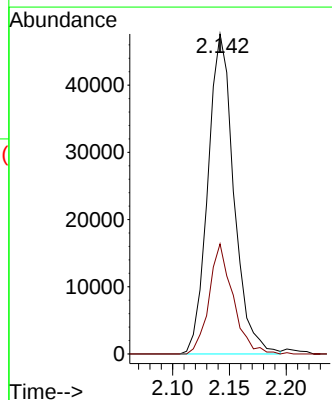
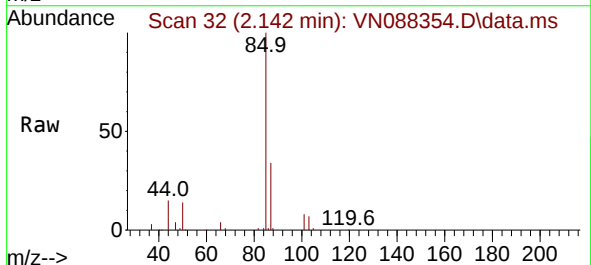
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

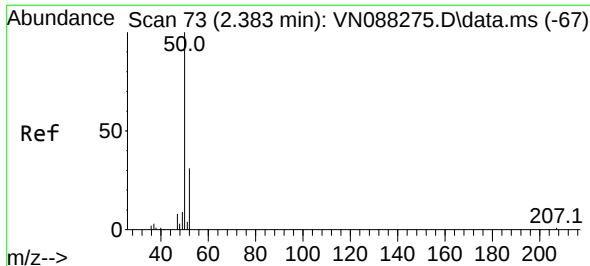
Tgt Ion:128 Resp: 57156
Ion Ratio Lower Upper
128 100
49 189.5 0.0 501.2
130 125.4 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 18.851 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 85 Resp: 75739
Ion Ratio Lower Upper
85 100
87 34.4 16.0 48.0

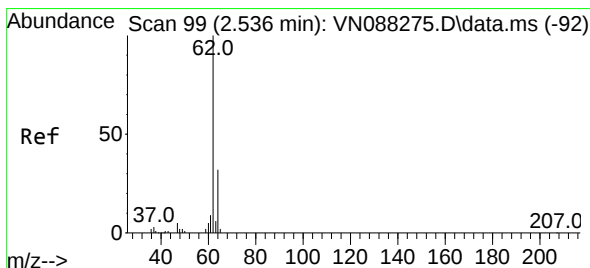
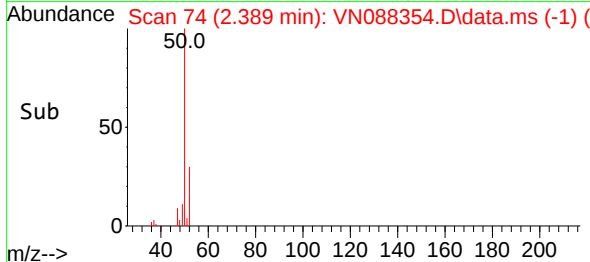
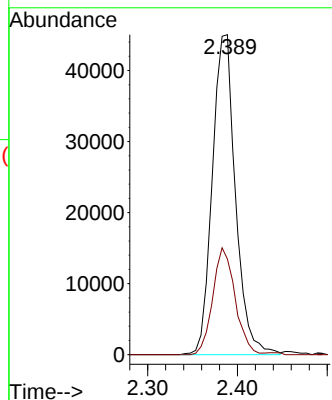
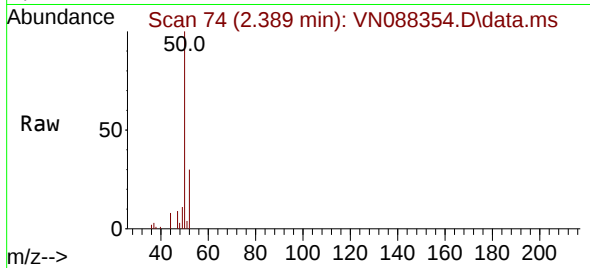




#3
Chloromethane
Concen: 19.497 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

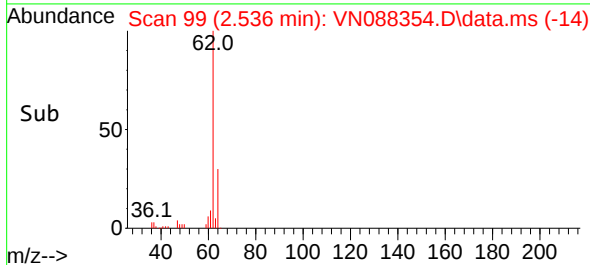
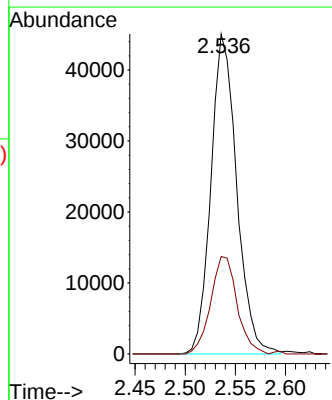
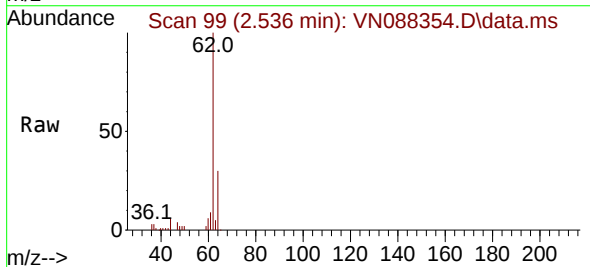
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MSVOA_N
ClientSampleId :
VN1125WBS01

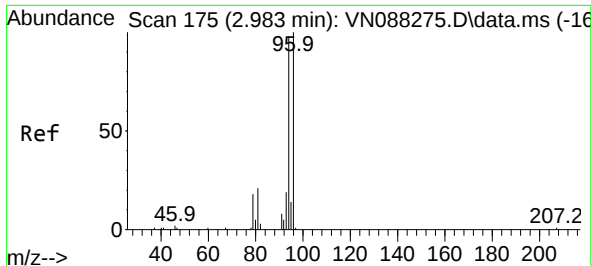
Tgt Ion: 50 Resp: 80767
Ion Ratio Lower Upper
50 100
52 29.9 24.6 36.8



#4
Vinyl Chloride
Concen: 18.351 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 62 Resp: 80381
Ion Ratio Lower Upper
62 100
64 30.4 25.4 38.2

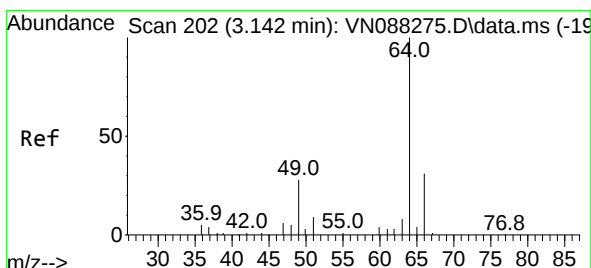
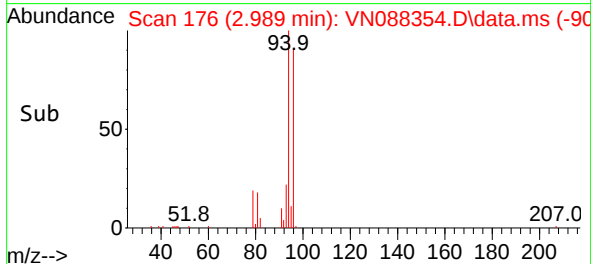
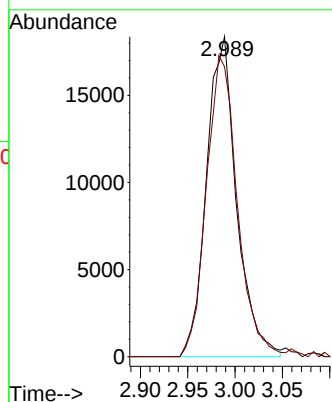
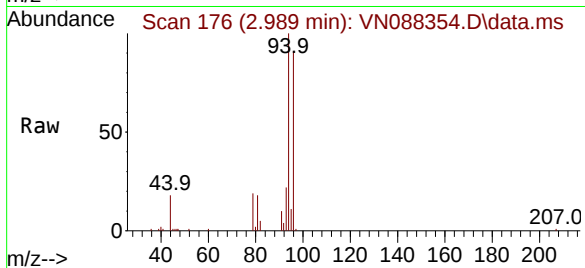




#5
Bromomethane
Concen: 17.309 ug/l
RT: 2.989 min Scan# 176
Delta R.T. 0.006 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

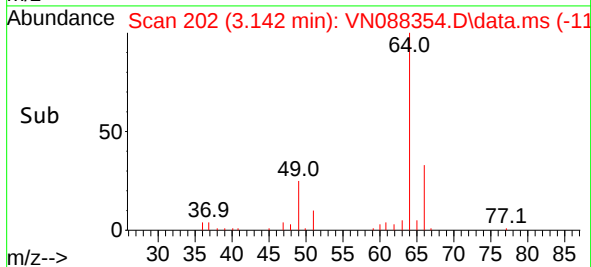
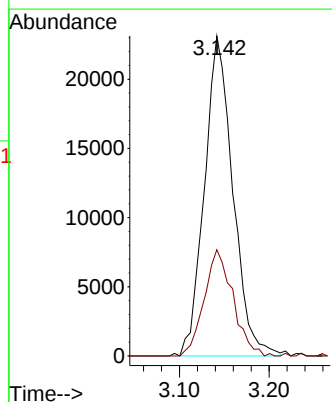
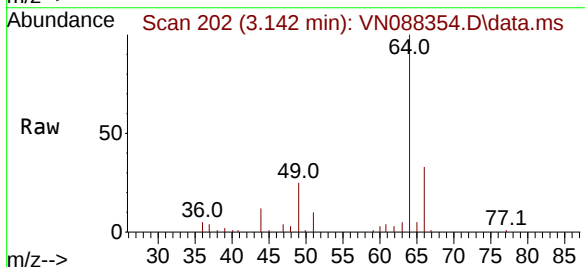
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ClientSampleId :
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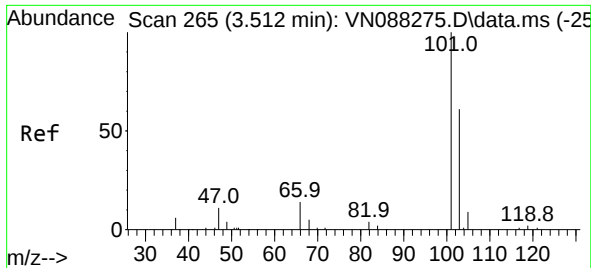
Tgt Ion: 94 Resp: 40425
Ion Ratio Lower Upper
94 100
96 90.6 81.3 121.9



#6
Chloroethane
Concen: 18.788 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 64 Resp: 50868
Ion Ratio Lower Upper
64 100
66 33.2 24.7 37.1

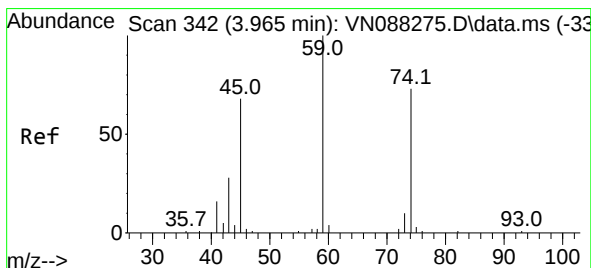
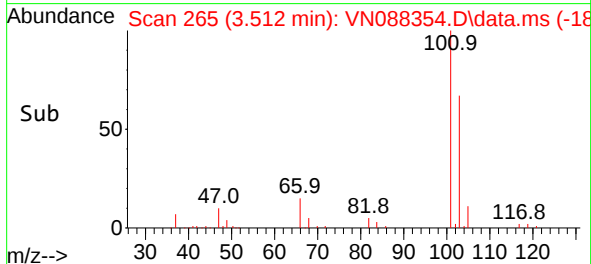
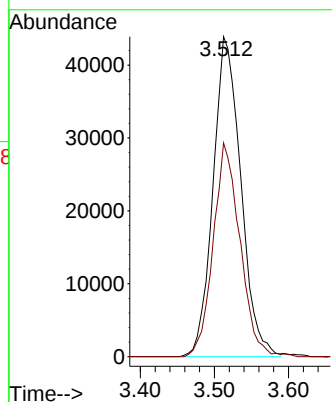
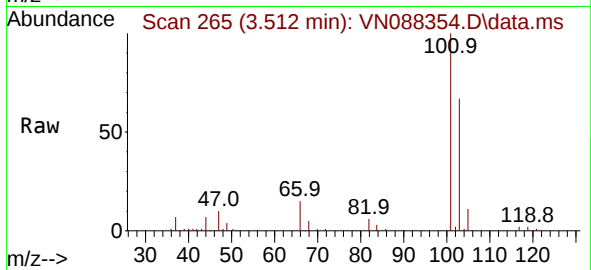




#7
 Trichlorofluoromethane
 Concen: 18.590 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. -0.000 min
 Lab File: VN088354.D
 Acq: 25 Nov 2025 11:36

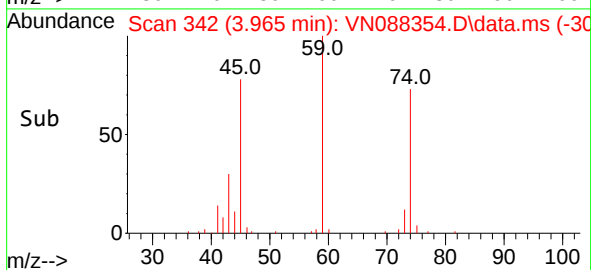
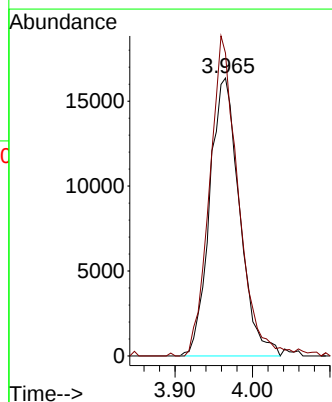
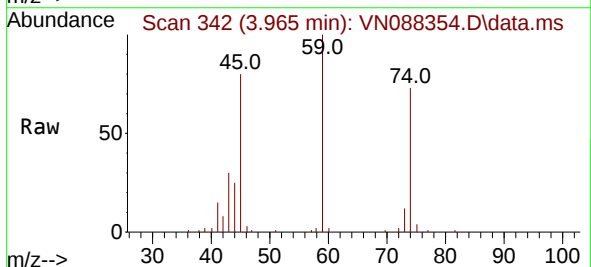
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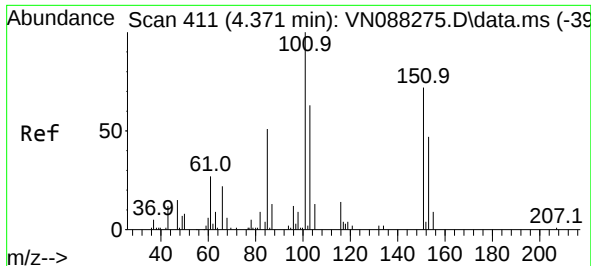
Tgt Ion:101 Resp: 114158
 Ion Ratio Lower Upper
 101 100
 103 66.8 48.6 73.0



#8
 Diethyl Ether
 Concen: 19.137 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN088354.D
 Acq: 25 Nov 2025 11:36

Tgt Ion: 74 Resp: 43923
 Ion Ratio Lower Upper
 74 100
 45 110.0 20.9 187.7

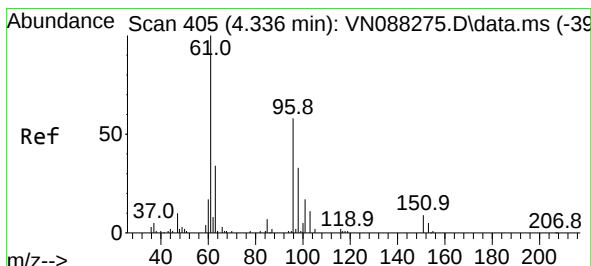
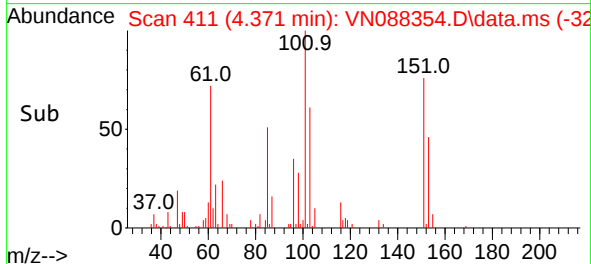
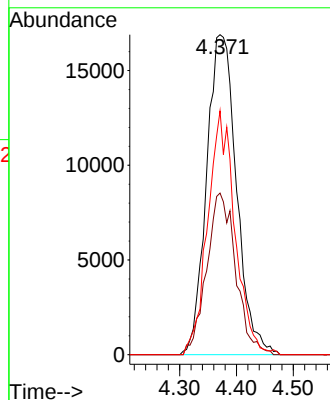
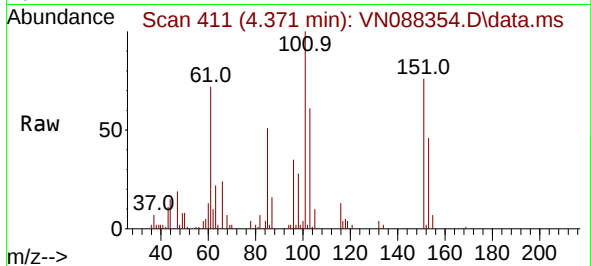




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.214 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

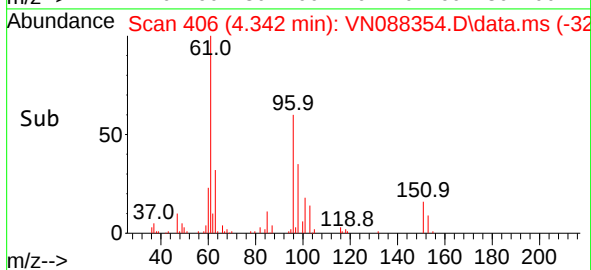
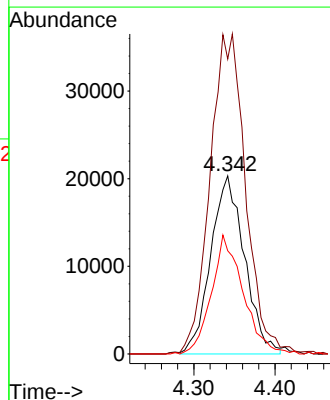
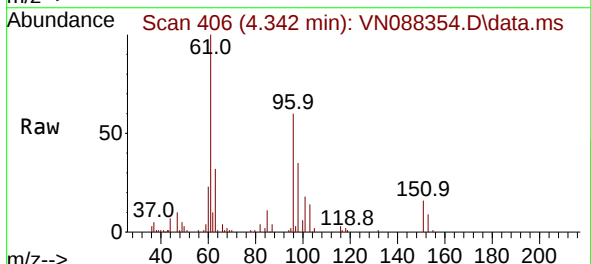
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

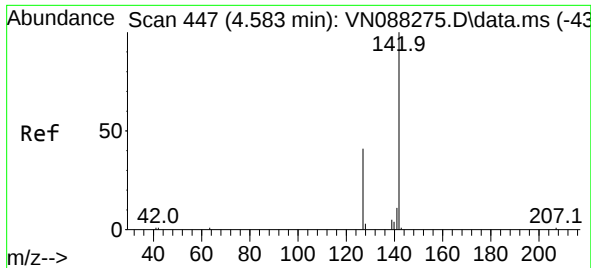
Tgt Ion:101 Resp: 61900
Ion Ratio Lower Upper
101 100
85 49.1 0.0 100.8
151 41.0 0.0 138.4



#10
1,1-Dichloroethene
Concen: 18.686 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 96 Resp: 58729
Ion Ratio Lower Upper
96 100
61 165.8 137.8 206.8
98 58.4 45.6 68.4

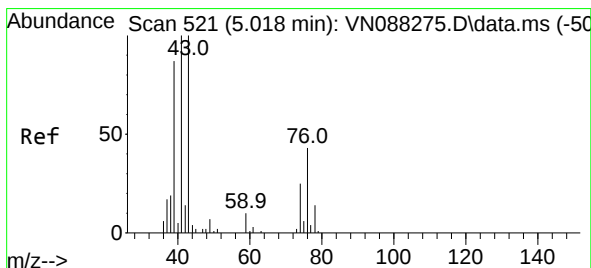
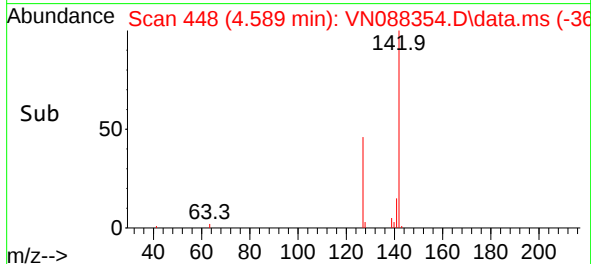
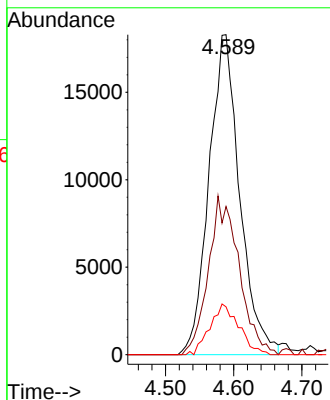
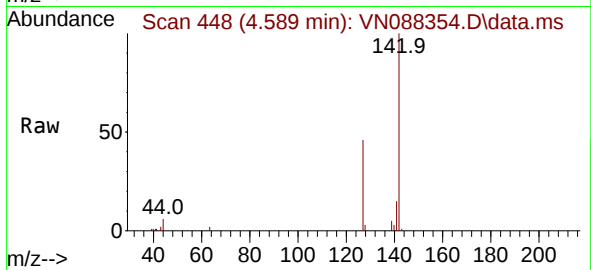




#11
Methyl Iodide
Concen: 17.156 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

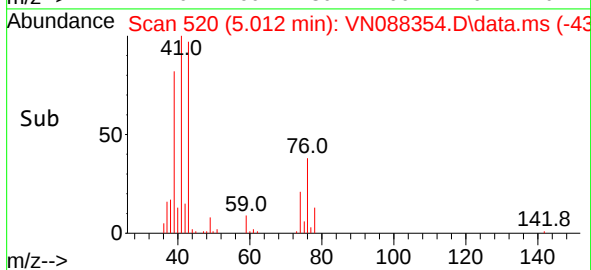
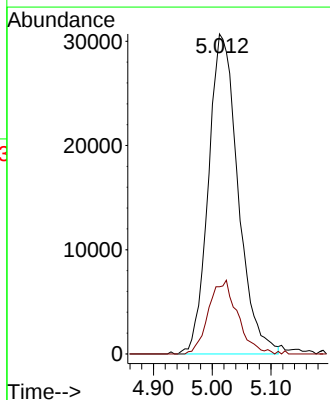
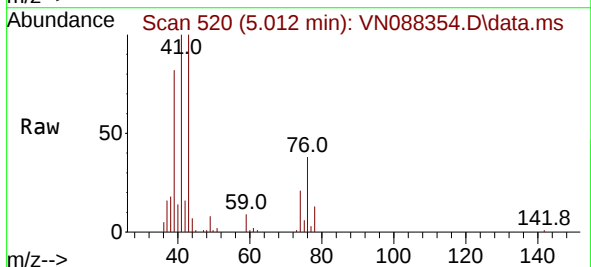
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

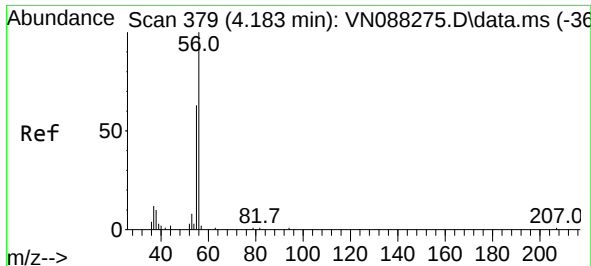
Tgt Ion:142 Resp: 57383
Ion Ratio Lower Upper
142 100
127 47.0 20.4 61.2
141 15.2 5.6 16.8



#12
Methyl Acetate
Concen: 21.217 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 43 Resp: 107579
Ion Ratio Lower Upper
43 100
74 20.9 19.8 29.8

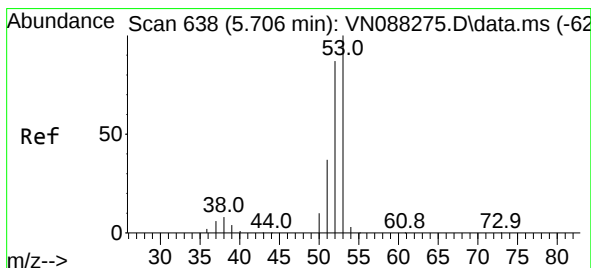
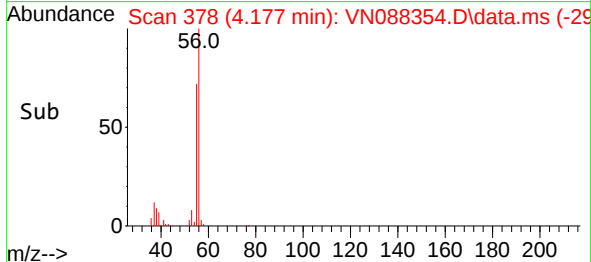
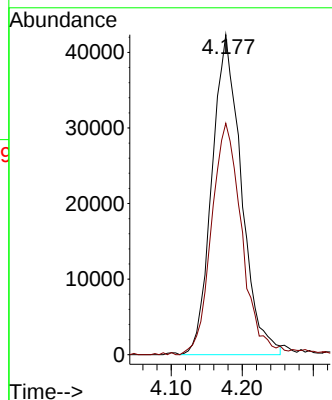
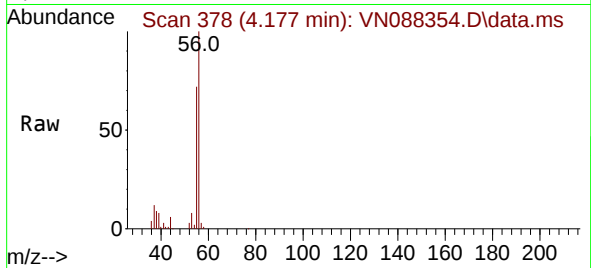




#13
Acrolein
Concen: 163.345 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

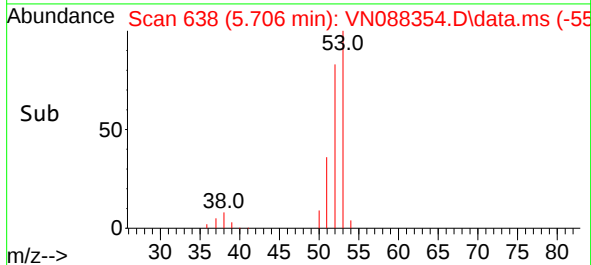
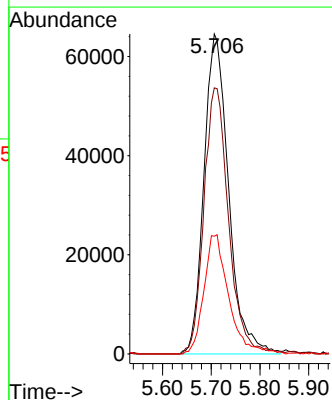
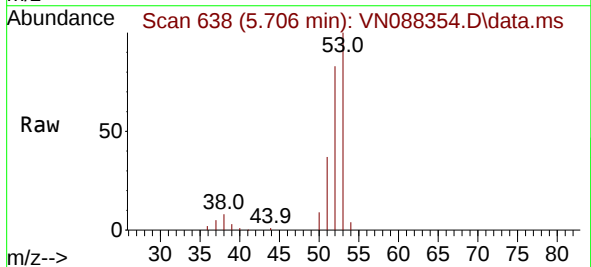
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

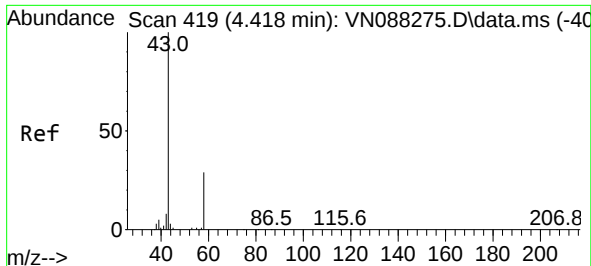
Tgt Ion: 56 Resp: 121857
Ion Ratio Lower Upper
56 100
55 71.8 57.9 86.9



#14
Acrylonitrile
Concen: 98.469 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 53 Resp: 226871
Ion Ratio Lower Upper
53 100
52 81.8 42.3 126.9
51 36.8 18.4 55.2

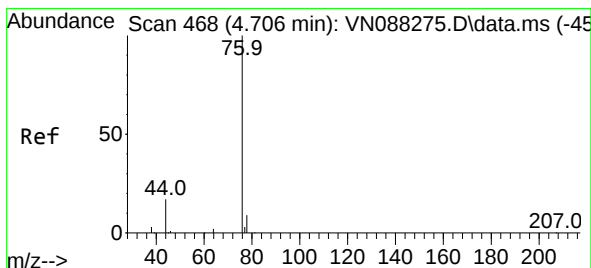
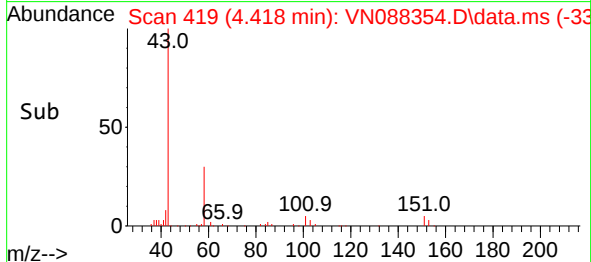
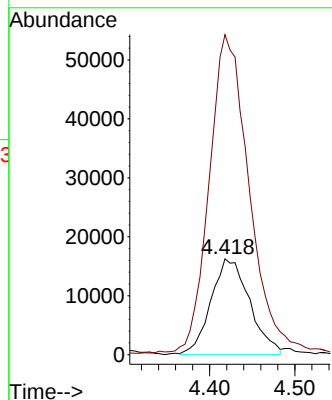
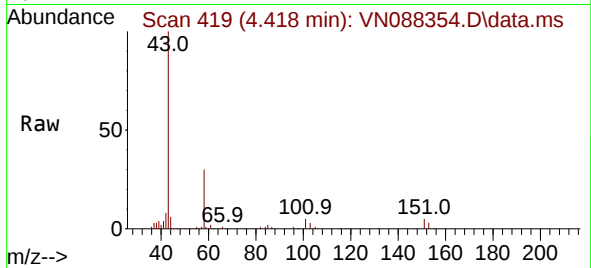




#15
Acetone
Concen: 76.215 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

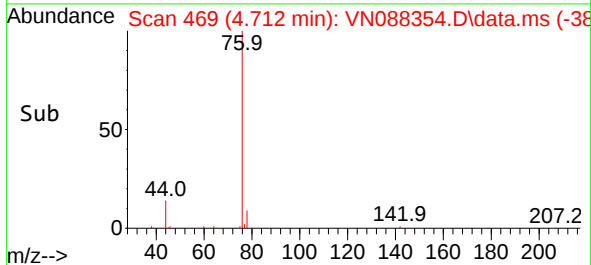
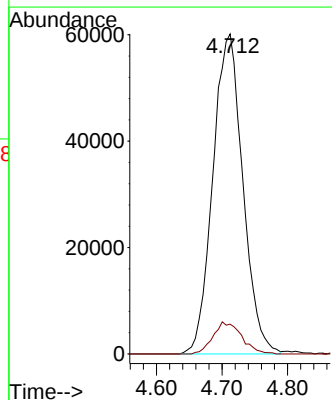
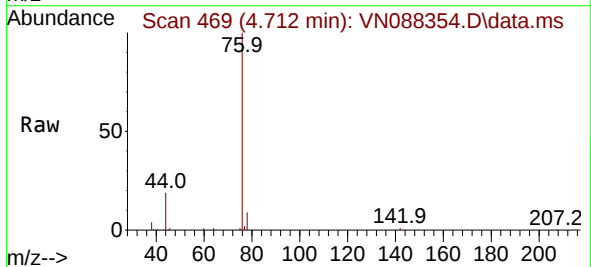
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

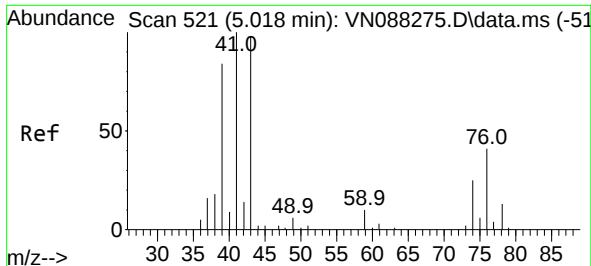
Tgt Ion: 58 Resp: 51351
Ion Ratio Lower Upper
58 100
43 329.5 273.9 410.9



#16
Carbon Disulfide
Concen: 18.030 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 76 Resp: 191112
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

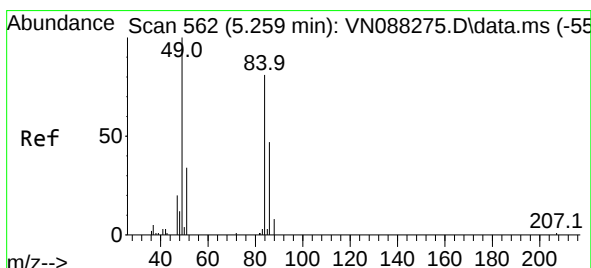
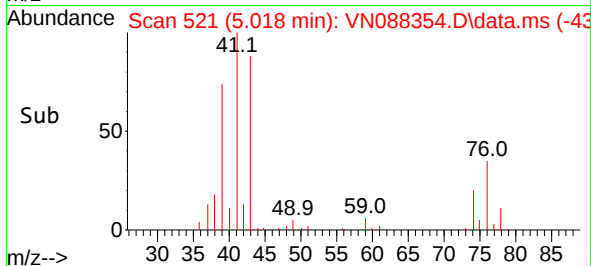
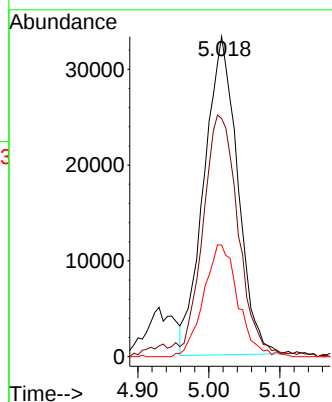
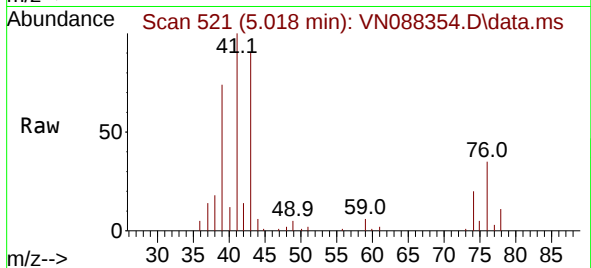




#17
 Allyl chloride
 Concen: 17.891 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN088354.D
 Acq: 25 Nov 2025 11:36

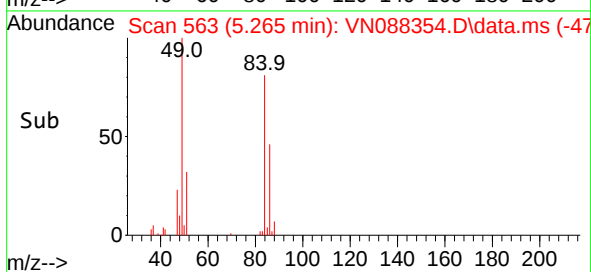
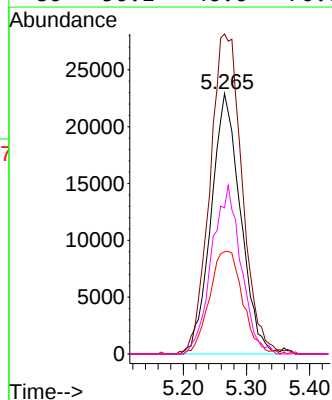
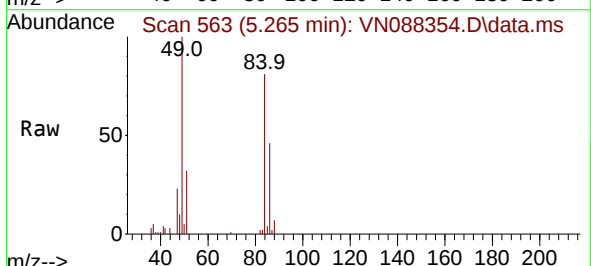
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

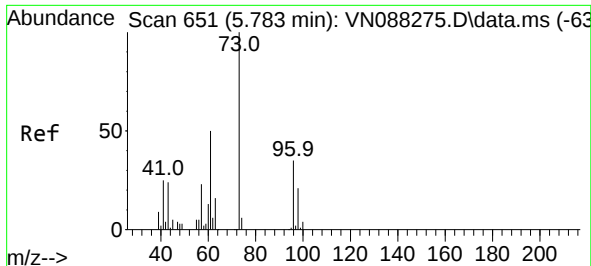
Tgt Ion:	41	Resp:	109271
Ion	Ratio	Lower	Upper
41	100		
39	73.8	38.3	114.9
76	34.3	18.5	55.5



#18
 Methylene Chloride
 Concen: 18.971 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: VN088354.D
 Acq: 25 Nov 2025 11:36

Tgt Ion:	84	Resp:	74112
Ion	Ratio	Lower	Upper
84	100		
49	121.9	98.7	148.1
51	39.3	33.7	50.5
86	56.1	46.6	70.0

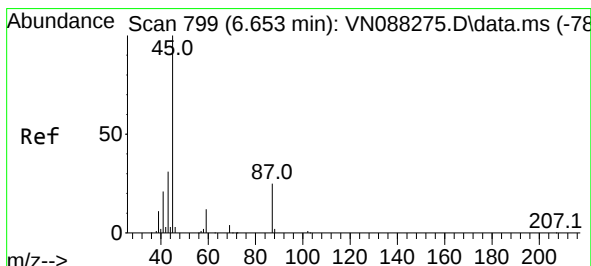
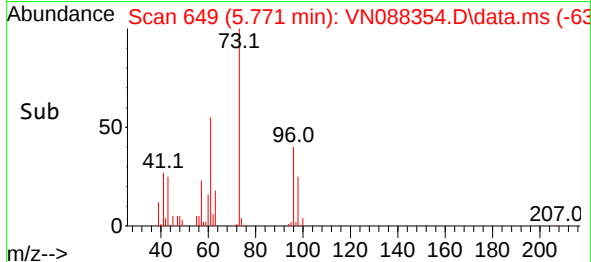
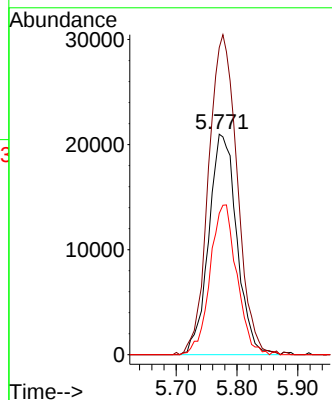
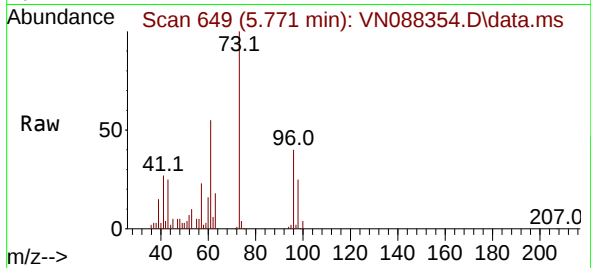




#19
trans-1,2-Dichloroethene
Concen: 18.361 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.012 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

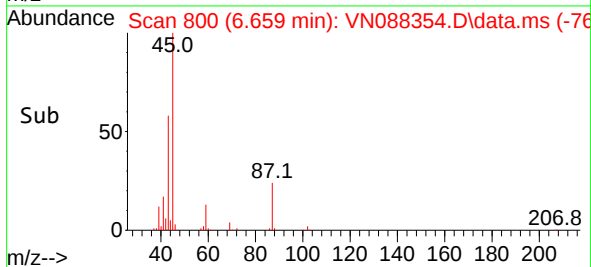
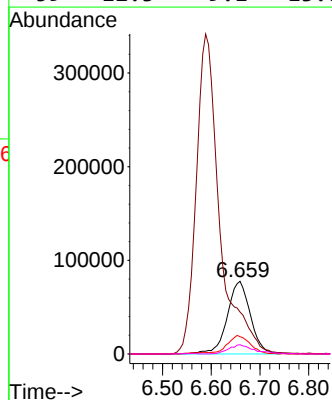
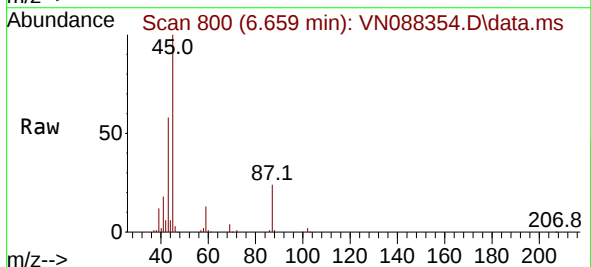
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

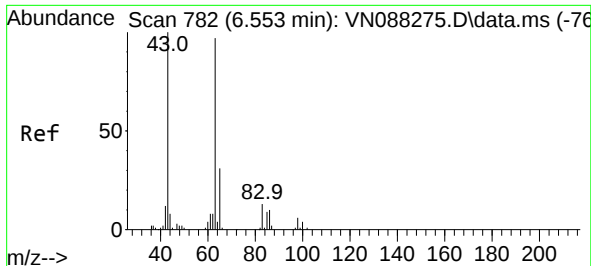
Tgt Ion: 96 Resp: 67199
Ion Ratio Lower Upper
96 100
61 139.3 117.0 175.4
98 64.1 48.6 72.8



#20
Diisopropyl ether
Concen: 19.595 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.006 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 45 Resp: 255743
Ion Ratio Lower Upper
45 100
43 55.7 51.9 77.9
87 23.9 21.1 31.7
59 12.3 9.1 13.7

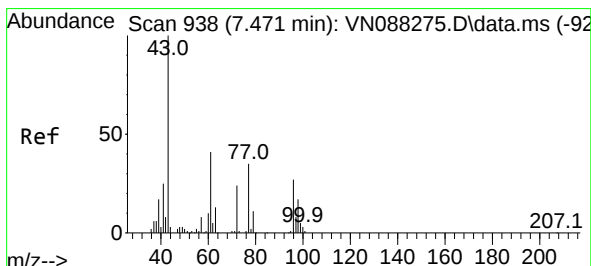
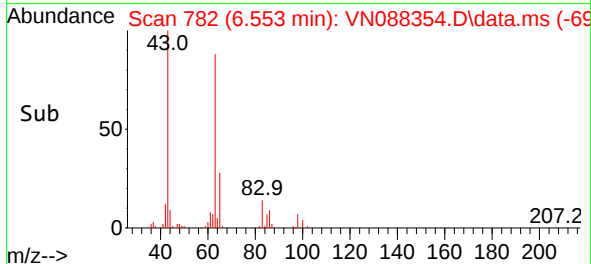
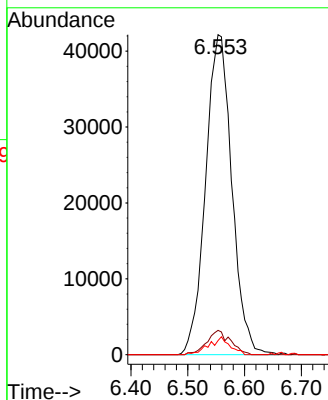
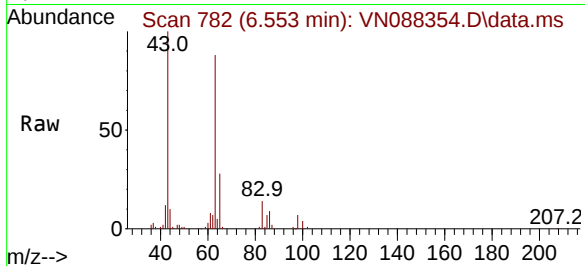




#21
1,1-Dichloroethane
Concen: 18.403 ug/l
RT: 6.553 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

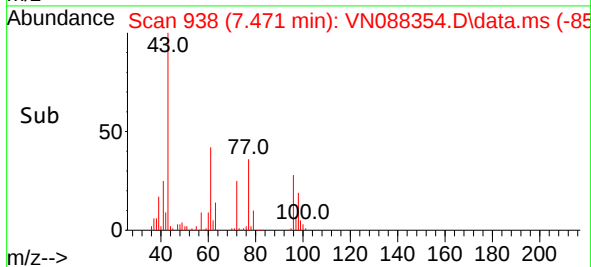
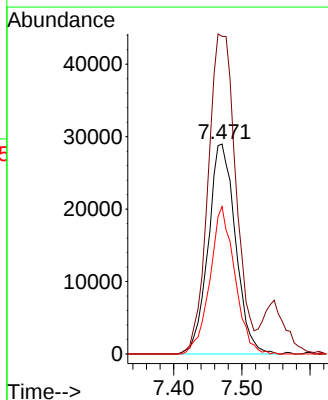
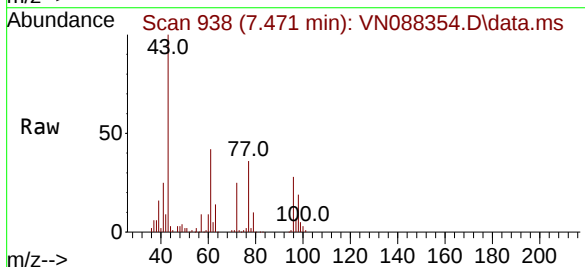
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

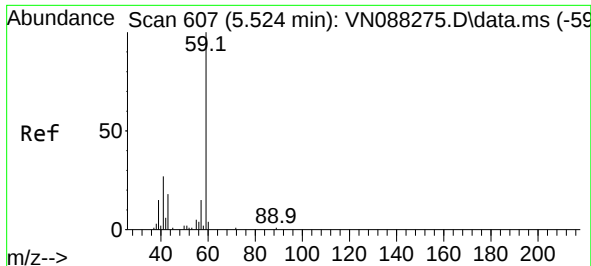
Tgt Ion: 63 Resp: 135317
Ion Ratio Lower Upper
63 100
98 7.6 3.0 9.0
100 4.4 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 18.938 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 96 Resp: 80556
Ion Ratio Lower Upper
96 100
61 155.4 131.2 196.8
98 64.1 51.0 76.4

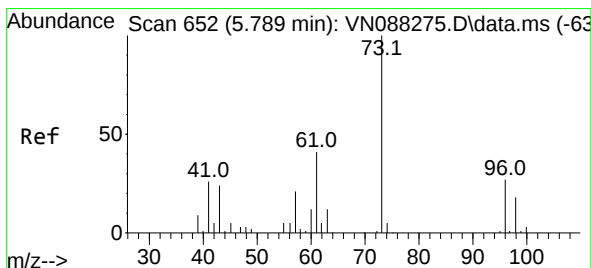
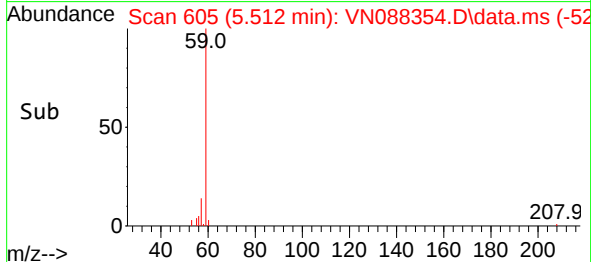
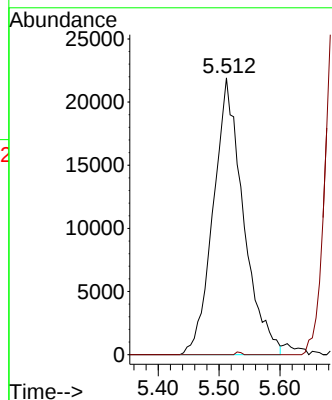
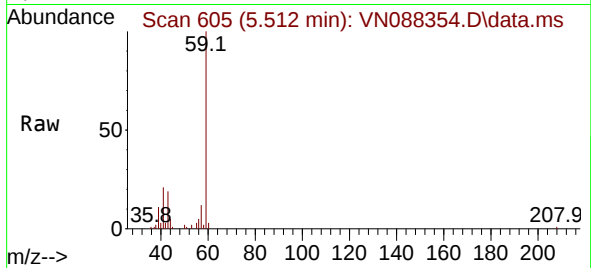




#23
tert-Butyl Alcohol
Concen: 88.562 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

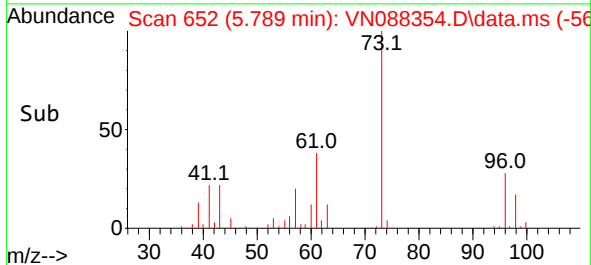
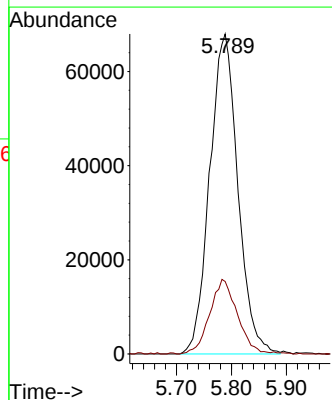
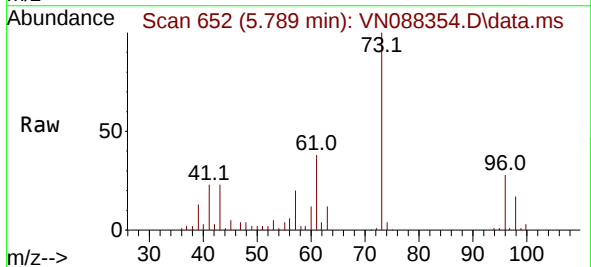
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

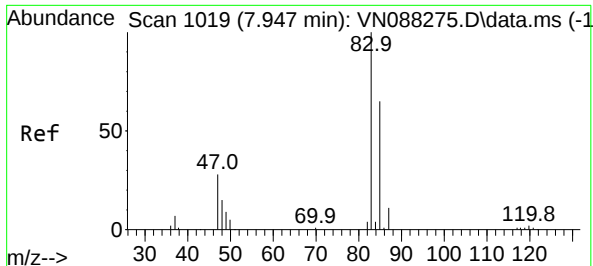
Tgt Ion: 59 Resp: 75029
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 19.101 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 73 Resp: 242048
Ion Ratio Lower Upper
73 100
43 22.8 18.5 27.7





#25

Chloroform

Concen: 19.197 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN088354.D

Acq: 25 Nov 2025 11:36

Instrument :

MSVOA_N

ClientSampleId :

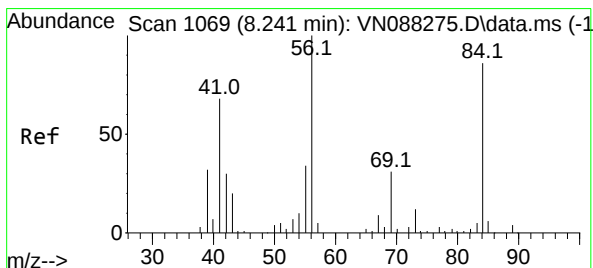
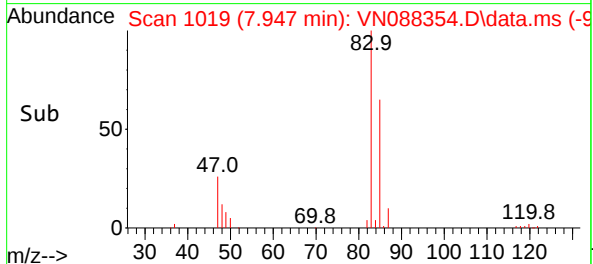
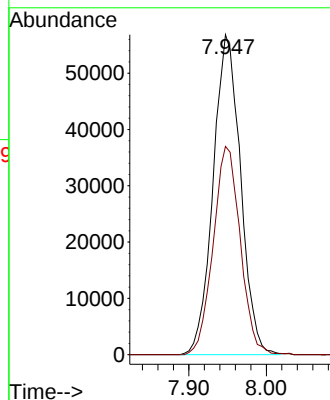
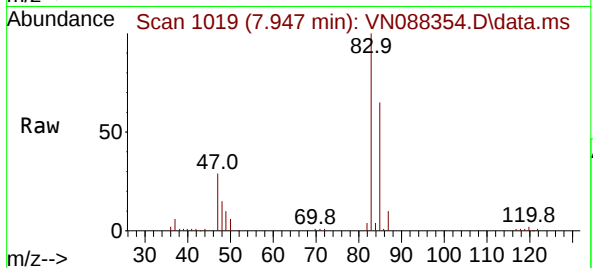
VN1125WBS01

Tgt Ion: 83 Resp: 139866

Ion Ratio Lower Upper

83 100

85 65.1 52.2 78.4



#26

Cyclohexane

Concen: 18.853 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VN088354.D

Acq: 25 Nov 2025 11:36

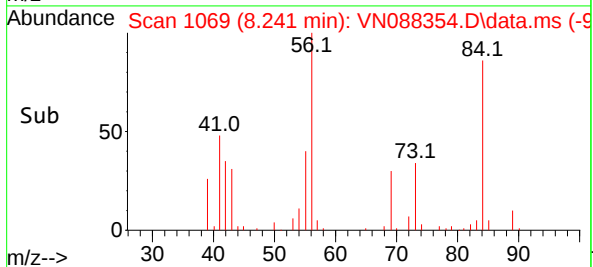
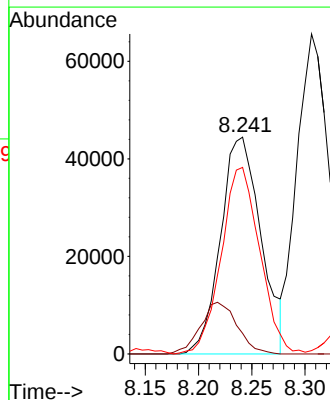
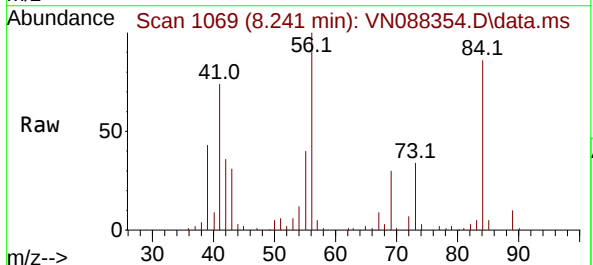
Tgt Ion: 56 Resp: 117093

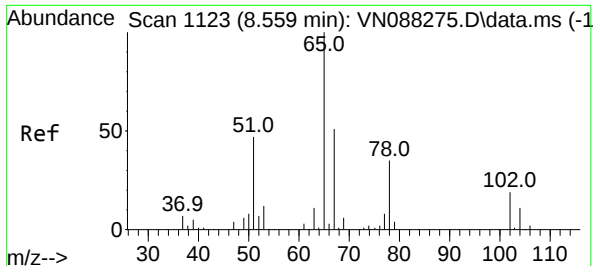
Ion Ratio Lower Upper

56 100

89 21.7 7.3 10.9#

84 82.3 67.8 101.8

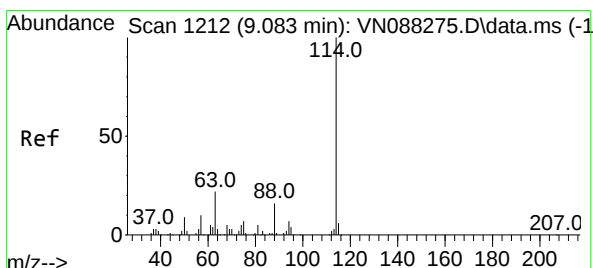
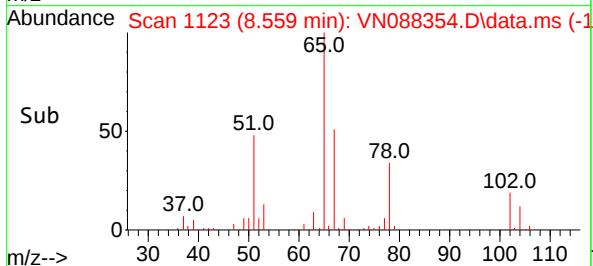
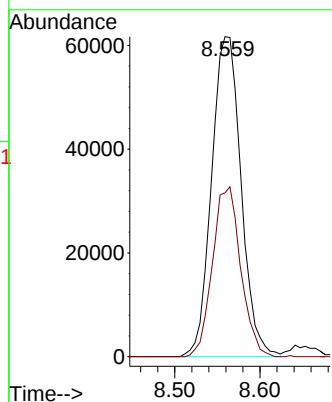
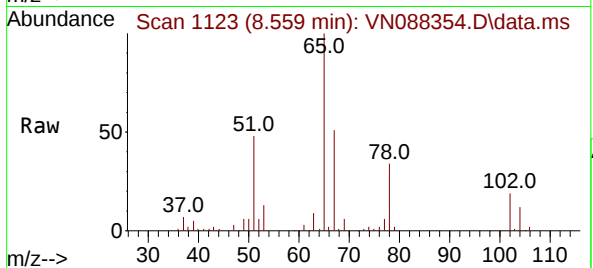




#27
1,2-Dichloroethane-d4
Concen: 28.467 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

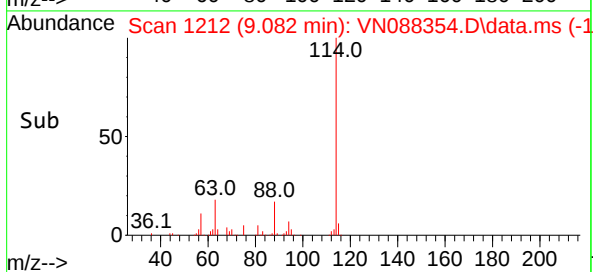
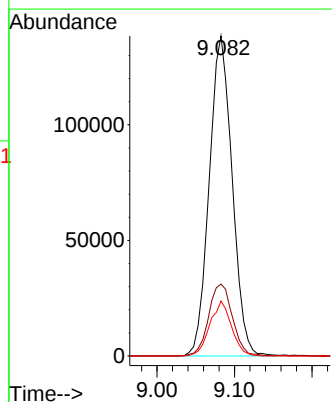
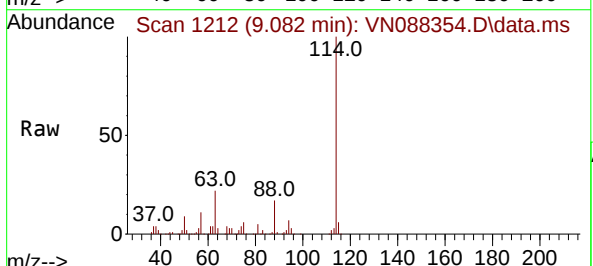
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

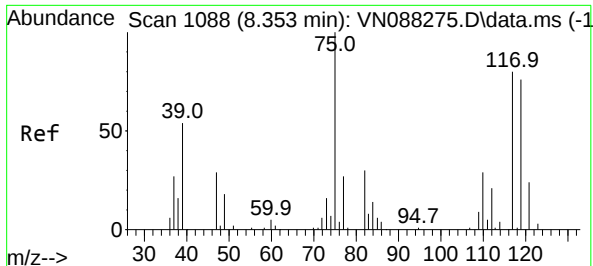
Tgt Ion: 65 Resp: 148623
Ion Ratio Lower Upper
65 100
67 50.7 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 114 Resp: 284593
Ion Ratio Lower Upper
114 100
63 23.4 18.9 28.3
88 16.2 12.8 19.2

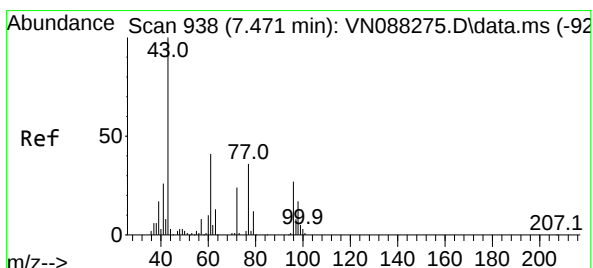
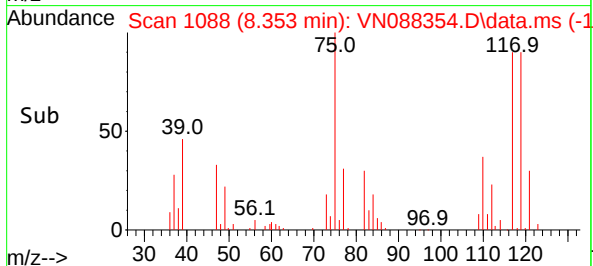
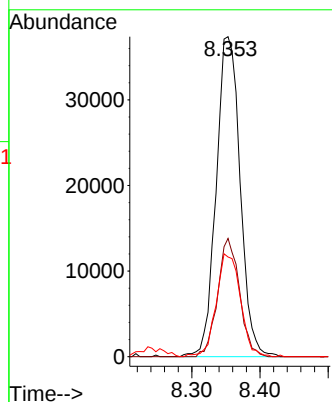
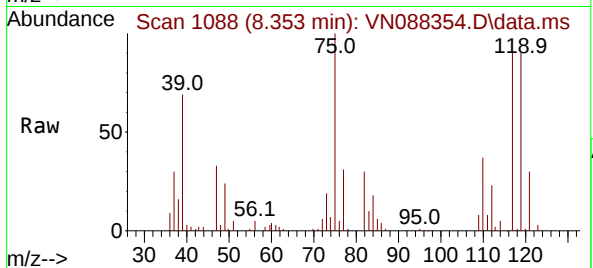




#29
1,1-Dichloropropene
Concen: 19.268 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

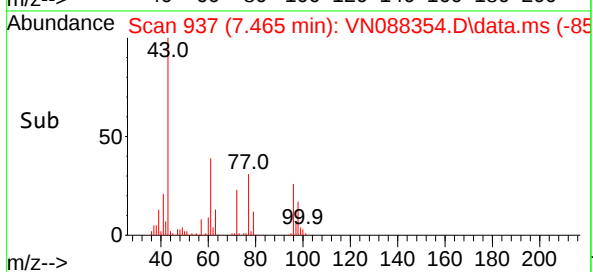
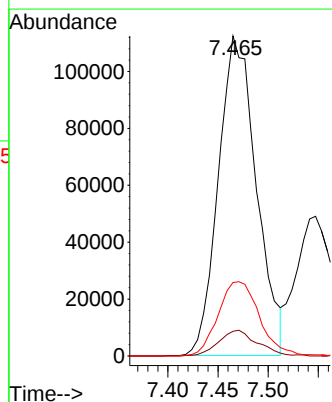
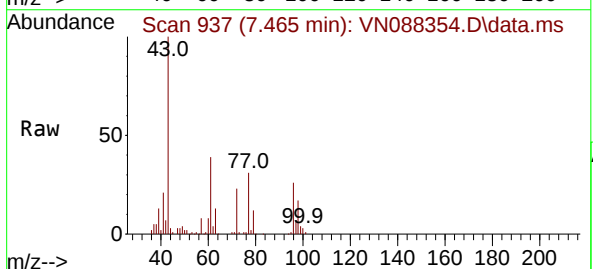
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

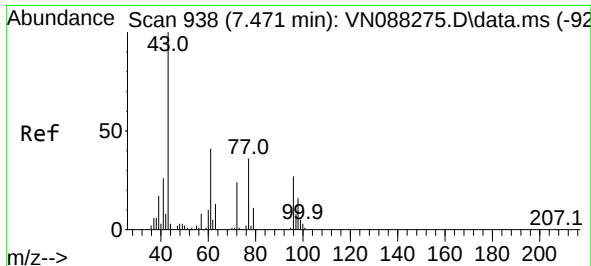
Tgt Ion:	75	Resp:	91496
Ion	Ratio	Lower	Upper
75	100		
110	33.8	0.0	65.6
77	32.2	0.0	60.8



#30
2-Butanone
Concen: 96.385 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion:	43	Resp:	296062
Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.2	9.4
72	25.4	19.4	29.2

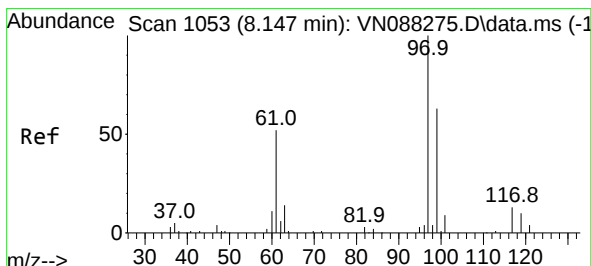
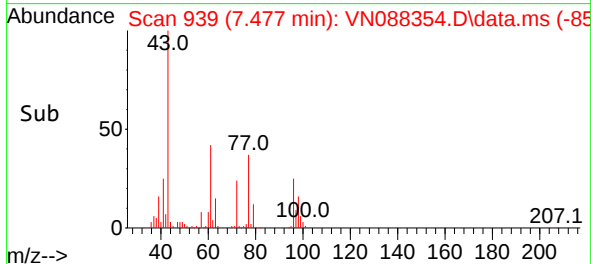
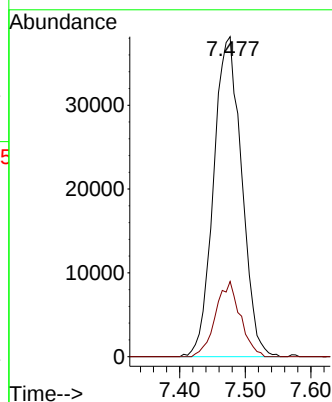
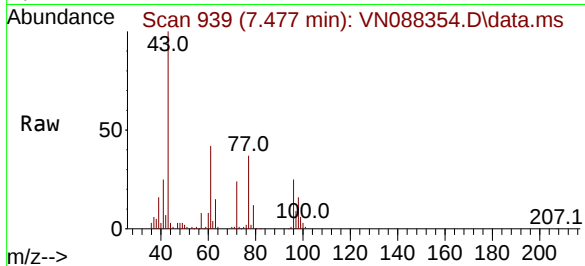




#31
2,2-Dichloropropane
Concen: 19.374 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

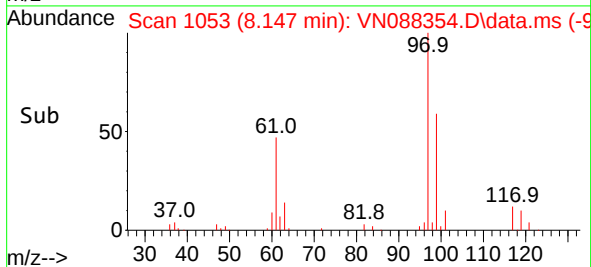
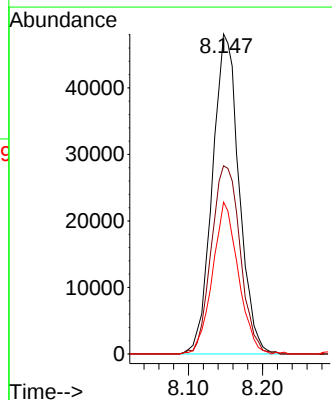
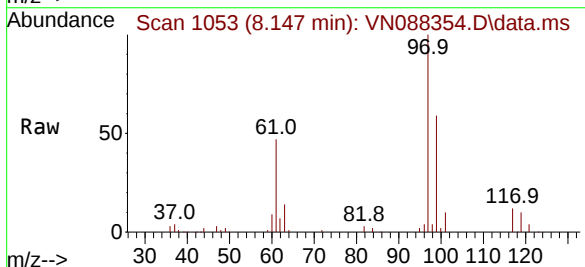
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

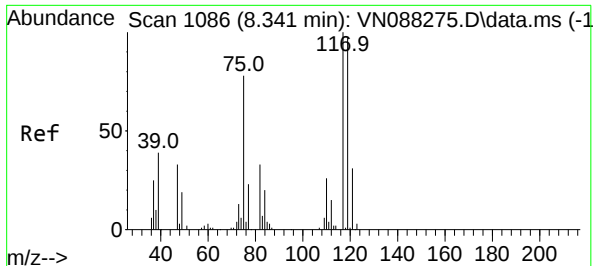
Tgt Ion: 77 Resp: 113468
Ion Ratio Lower Upper
77 100
97 20.7 16.8 25.2



#32
1,1,1-Trichloroethane
Concen: 20.582 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 97 Resp: 120481
Ion Ratio Lower Upper
97 100
99 63.4 50.2 75.4
61 45.8 39.8 59.8

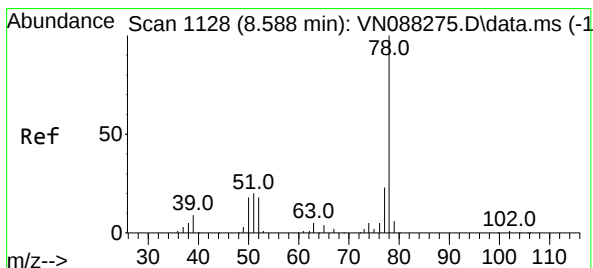
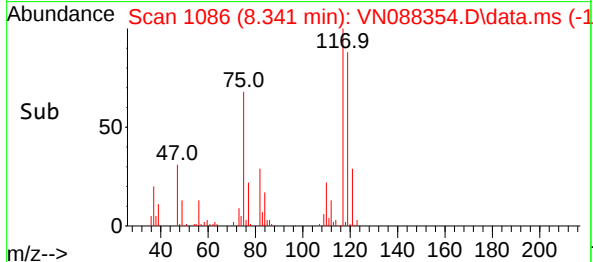
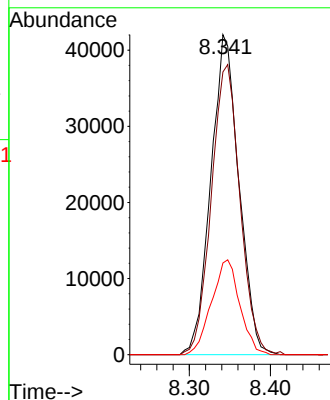
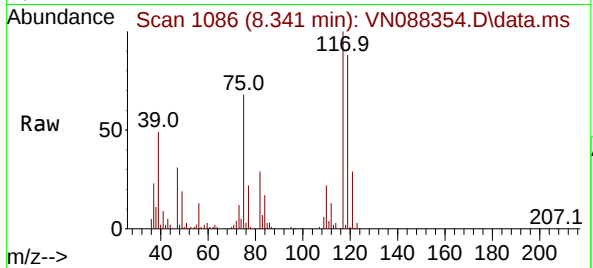




#33
Carbon Tetrachloride
Concen: 20.236 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

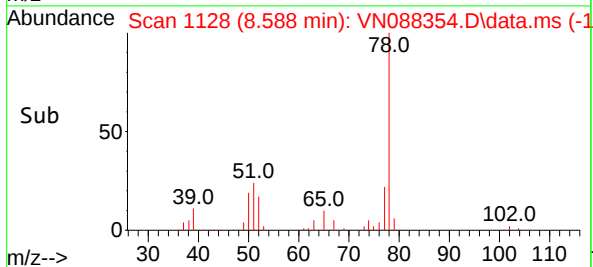
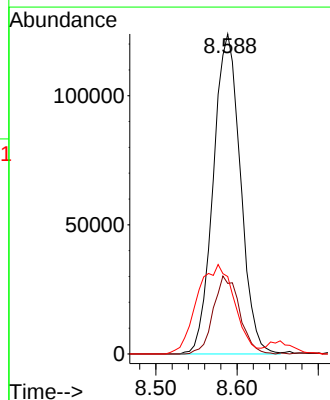
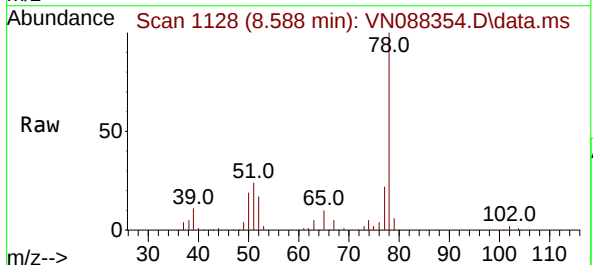
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

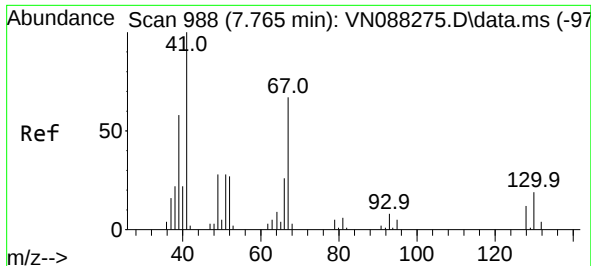
Tgt Ion:117 Resp: 101155
Ion Ratio Lower Upper
117 100
119 88.4 77.8 116.8
121 28.7 24.5 36.7



#34
Benzene
Concen: 20.264 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 78 Resp: 287622
Ion Ratio Lower Upper
78 100
77 22.0 18.6 27.8
51 22.2 15.8 23.8



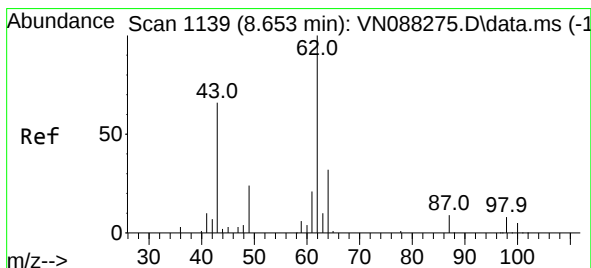
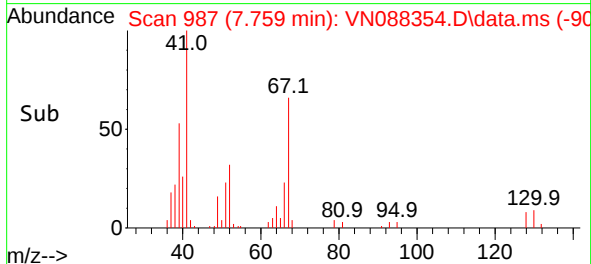
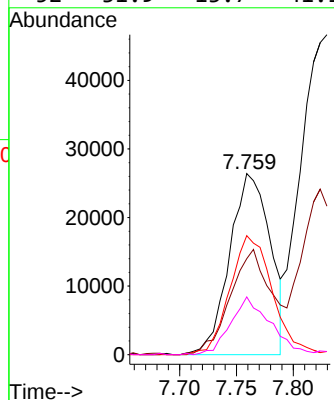
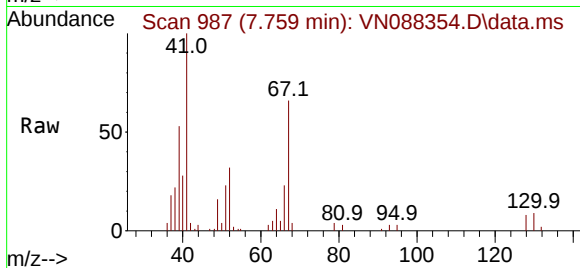


#35
Methacrylonitrile
Concen: 20.536 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tgt Ion: 41 Resp: 65796

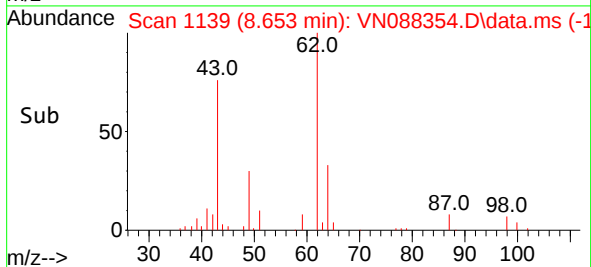
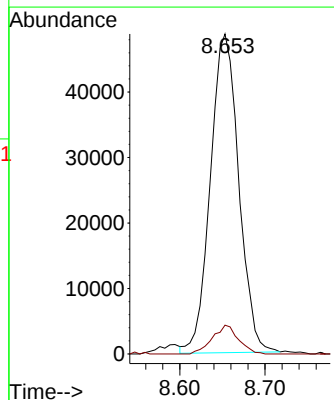
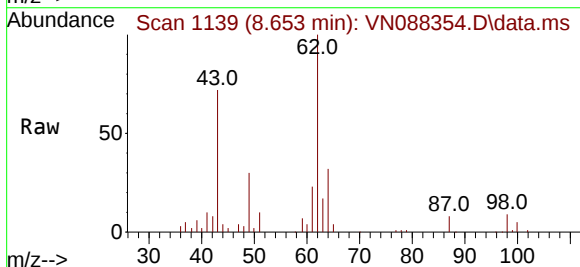
Ion	Ratio	Lower	Upper
41	100		
39	53.0	29.0	87.0
67	65.7	33.3	99.9
52	31.9	13.7	41.1

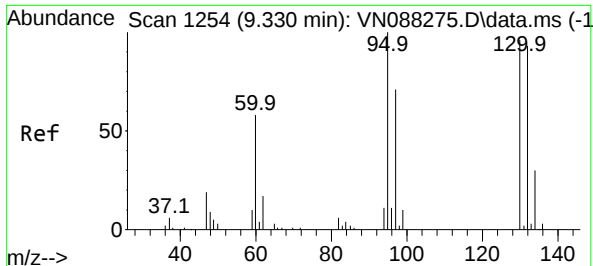


#36
1,2-Dichloroethane
Concen: 20.412 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 62 Resp: 112754

Ion	Ratio	Lower	Upper
62	100		
98	8.2	6.8	10.2

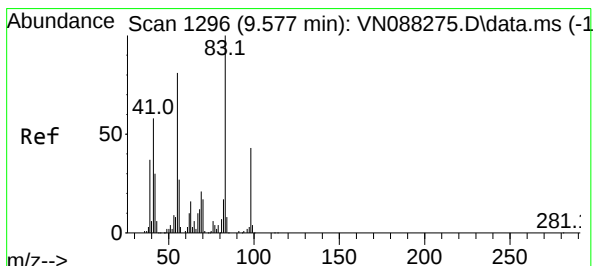
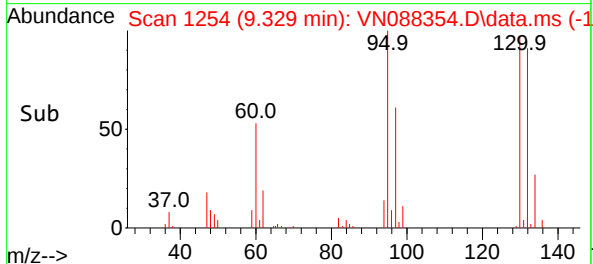
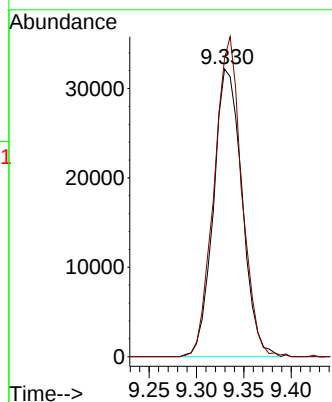
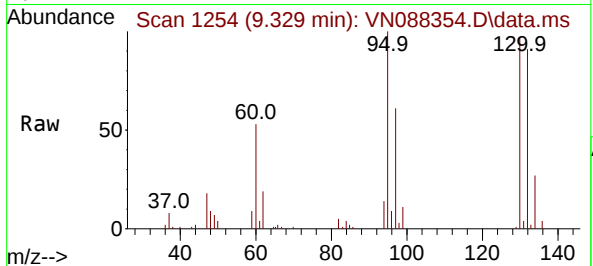




#37
Trichloroethene
Concen: 20.993 ug/l
RT: 9.329 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

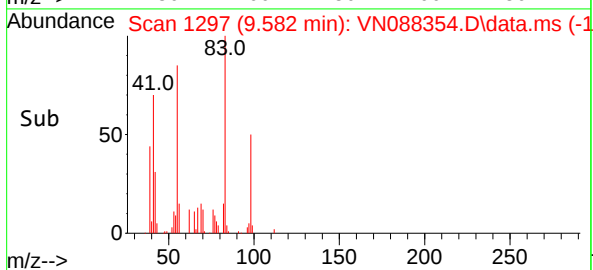
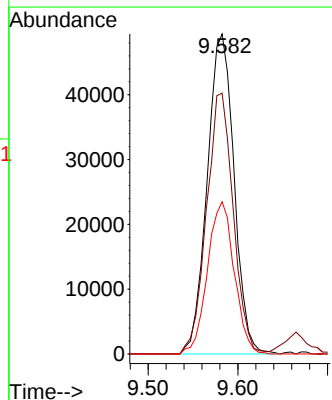
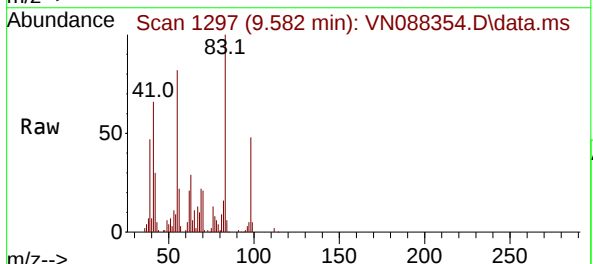
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

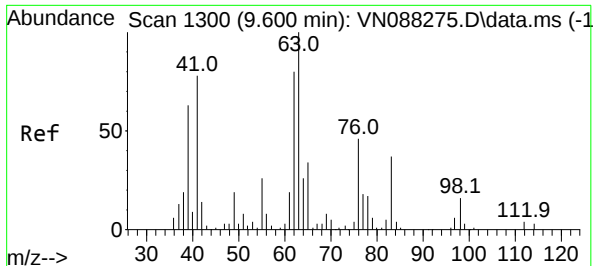
Tgt Ion:130 Resp: 67526
Ion Ratio Lower Upper
130 100
95 103.6 83.7 125.5



#38
Methylcyclohexane
Concen: 18.837 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.006 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 83 Resp: 102548
Ion Ratio Lower Upper
83 100
55 81.4 40.8 122.5
98 47.4 23.4 70.3





#39

1,2-Dichloropropane

Concen: 20.953 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088354.D

Acq: 25 Nov 2025 11:36

Instrument :

MSVOA_N

ClientSampleId :

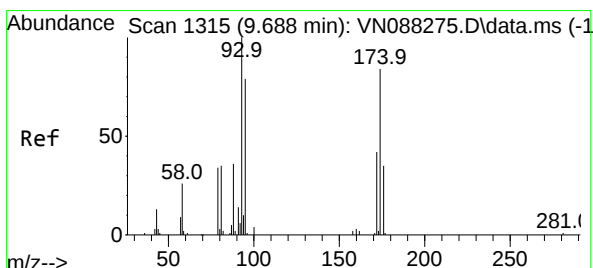
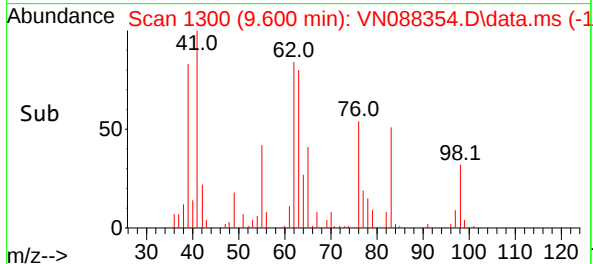
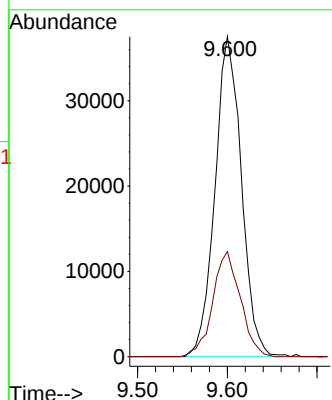
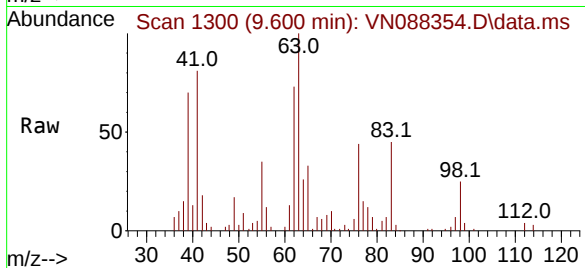
VN1125WBS01

Tgt Ion: 63 Resp: 76729

Ion Ratio Lower Upper

63 100

65 32.8 27.8 41.6



#40

Dibromomethane

Concen: 21.101 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088354.D

Acq: 25 Nov 2025 11:36

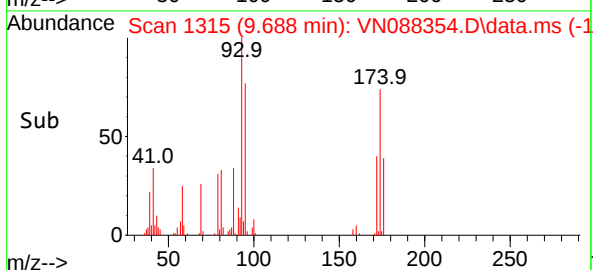
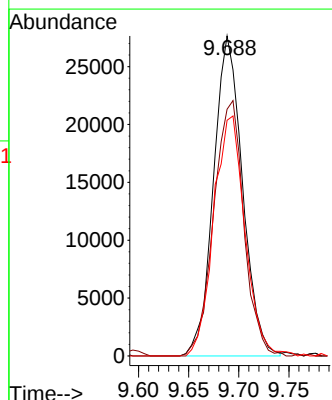
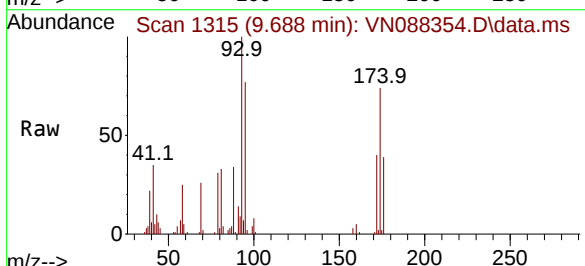
Tgt Ion: 93 Resp: 55518

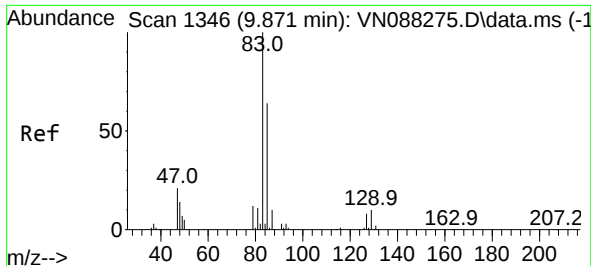
Ion Ratio Lower Upper

93 100

95 82.8 0.0 161.6

174 80.8 0.0 158.2

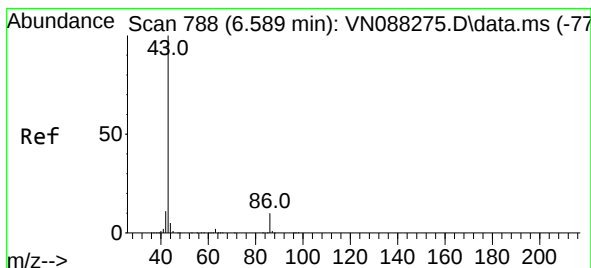
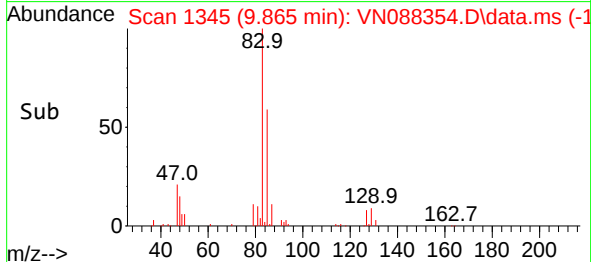
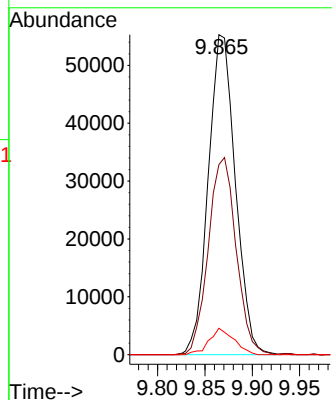
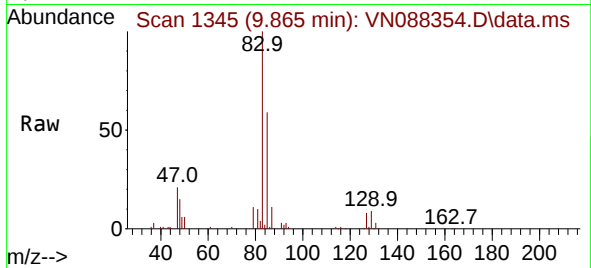




#41
Bromodichloromethane
Concen: 20.827 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

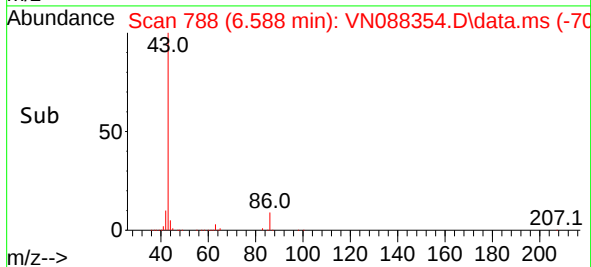
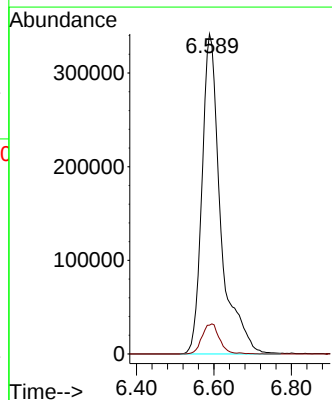
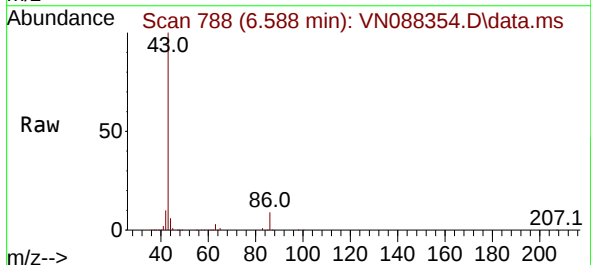
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

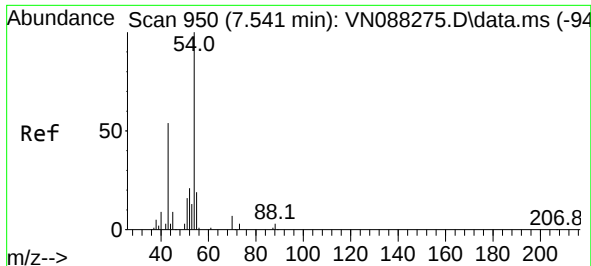
Tgt Ion: 83 Resp: 110311
Ion Ratio Lower Upper
83 100
85 59.1 51.4 77.2
127 8.2 6.4 9.6



#42
Vinyl Acetate
Concen: 111.364 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 43 Resp: 1141709
Ion Ratio Lower Upper
43 100
86 8.7 7.4 11.2

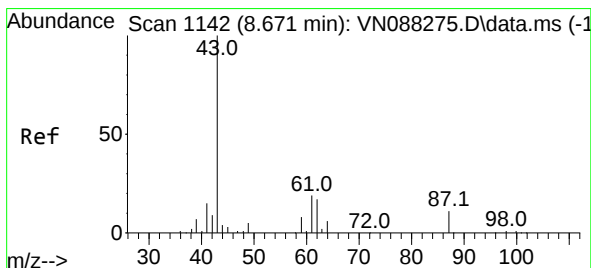
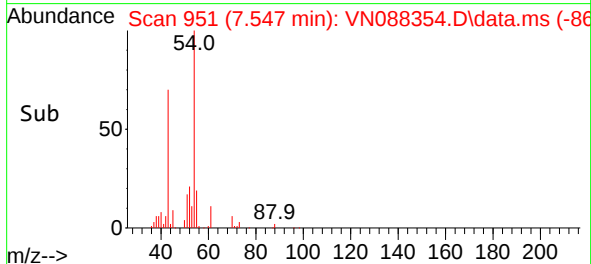
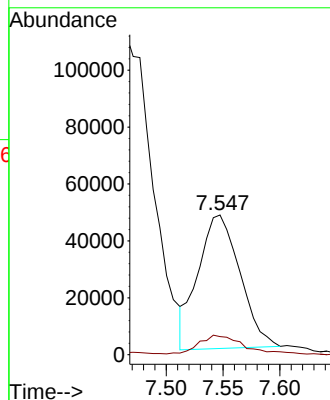
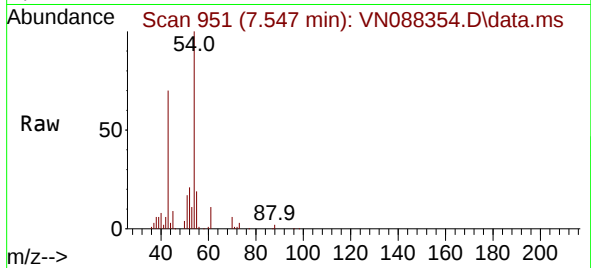




#43
Ethyl Acetate
Concen: 19.509 ug/l
RT: 7.547 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

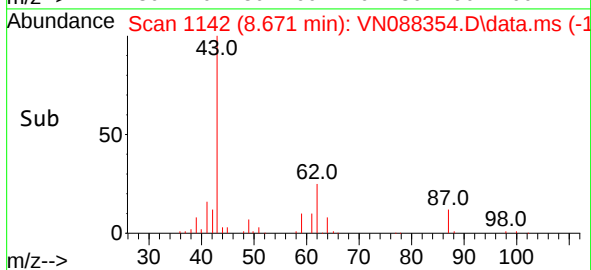
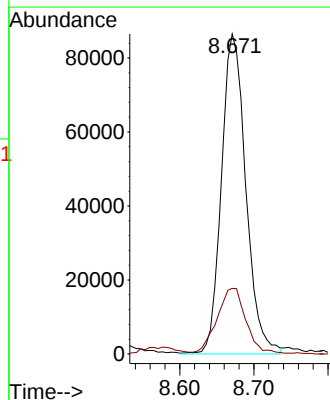
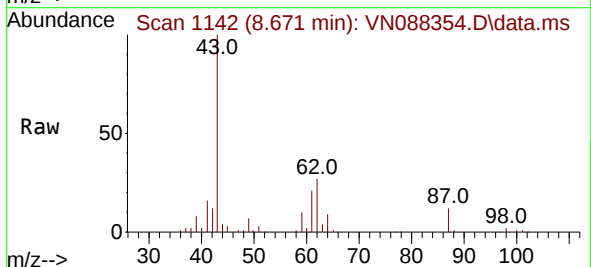
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

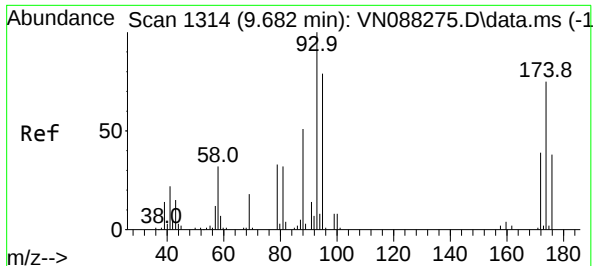
Tgt Ion: 43 Resp: 120574
Ion Ratio Lower Upper
43 100
45 12.8 9.9 14.9



#44
Isopropyl Acetate
Concen: 20.762 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 43 Resp: 197751
Ion Ratio Lower Upper
43 100
61 23.8 19.0 28.6

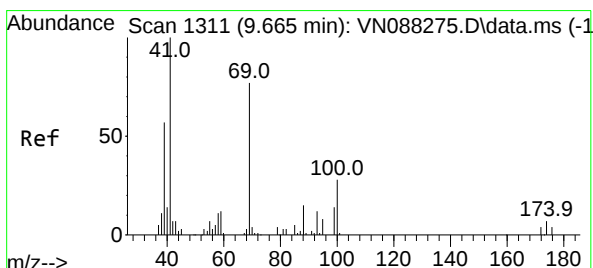
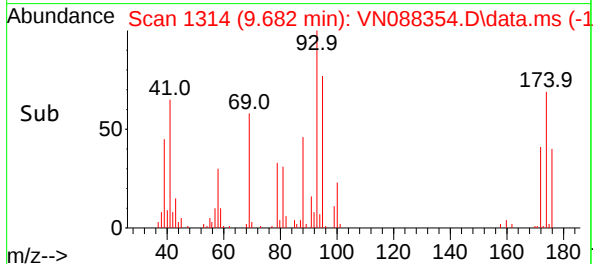
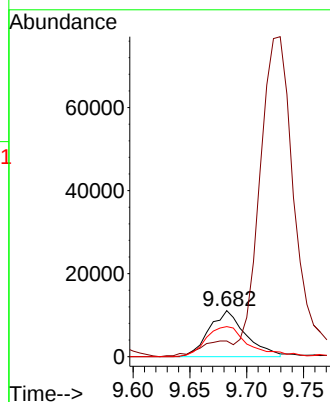
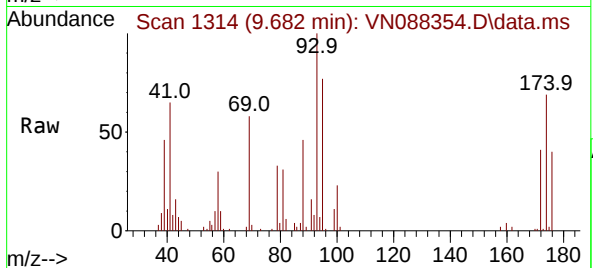




#45
1,4-Dioxane
Concen: 432.052 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

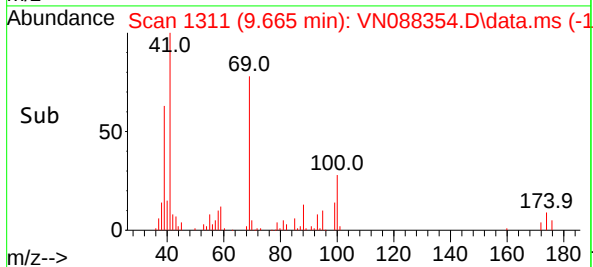
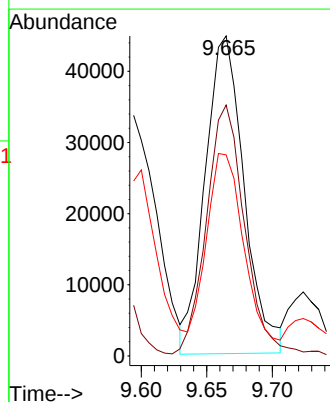
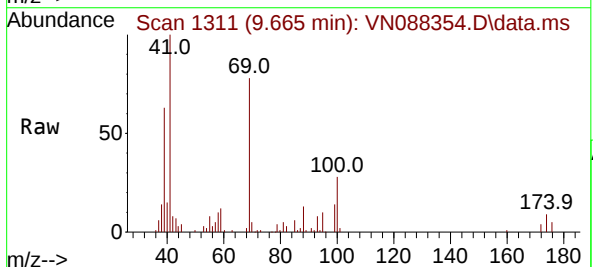
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

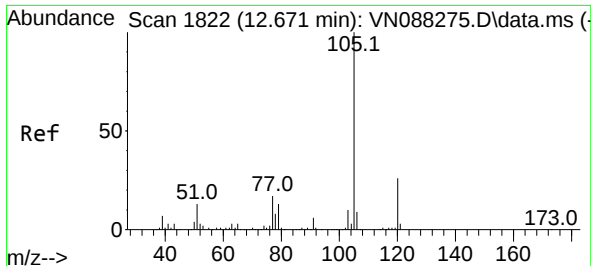
Tgt Ion: 88 Resp: 24781
Ion Ratio Lower Upper
88 100
43 31.7 27.8 41.8
58 71.9 59.5 89.3



#46
Methyl methacrylate
Concen: 20.677 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 41 Resp: 92156
Ion Ratio Lower Upper
41 100
69 83.6 38.5 115.3
39 63.5 29.0 87.1

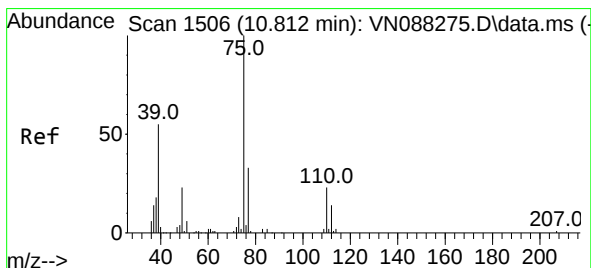
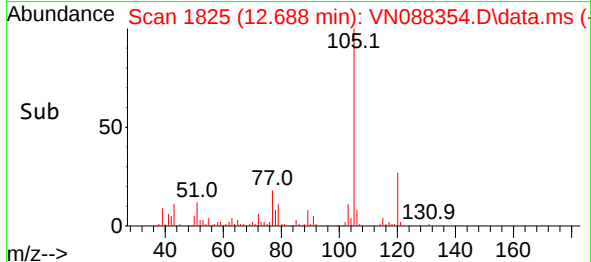
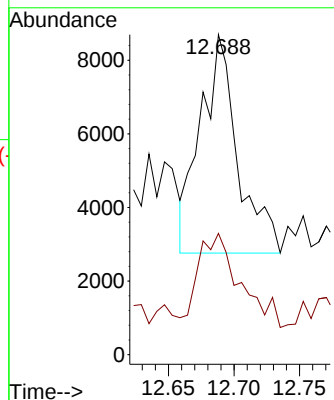
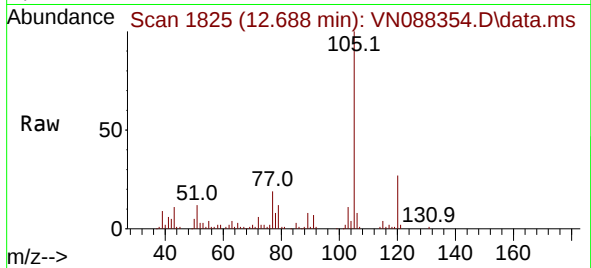




#47
n-amy1 Acetate
Concen: 2.423 ug/l
RT: 12.688 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

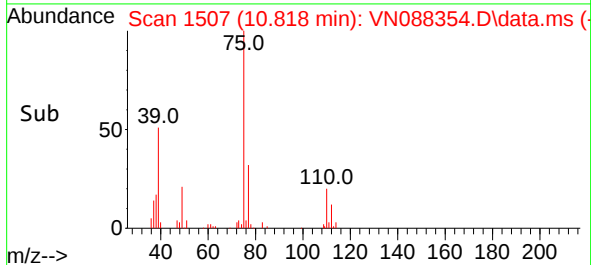
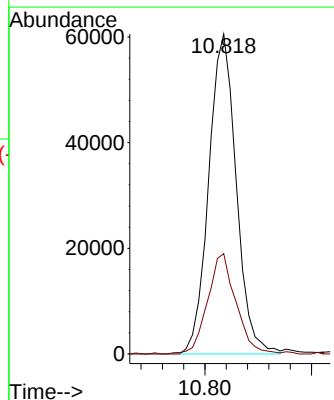
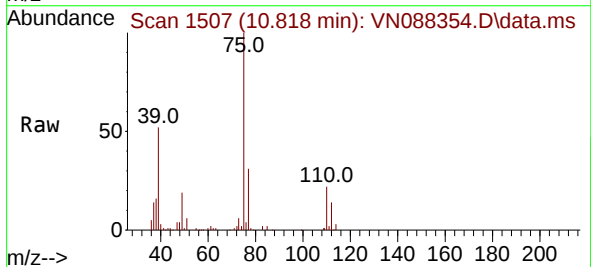
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

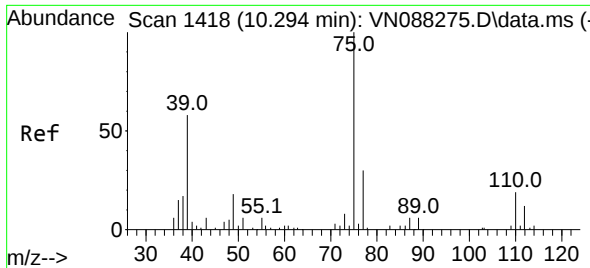
Tgt Ion: 43 Resp: 11694
Ion Ratio Lower Upper
43 100
55 61.6 0.0 0.0#



#48
t-1,3-Dichloropropene
Concen: 19.155 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.006 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 75 Resp: 108515
Ion Ratio Lower Upper
75 100
77 31.0 26.1 39.1

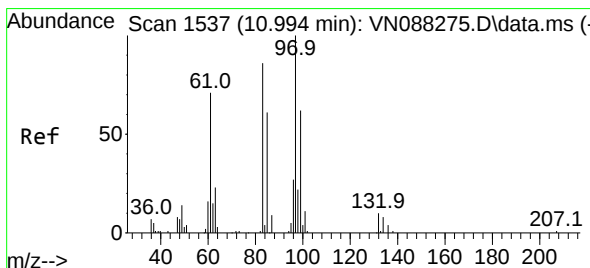
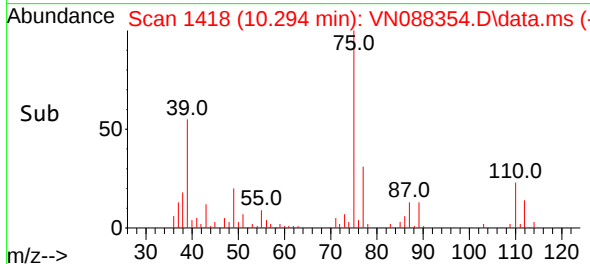
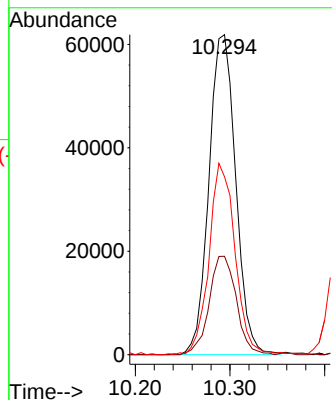
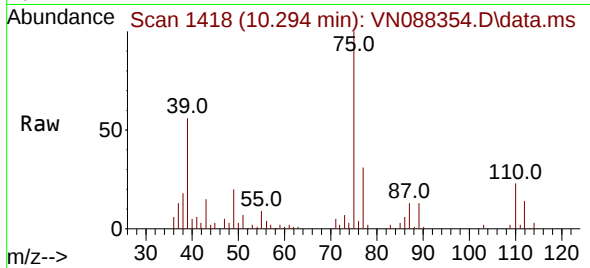




#49
 cis-1,3-Dichloropropene
 Concen: 20.618 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN088354.D
 Acq: 25 Nov 2025 11:36

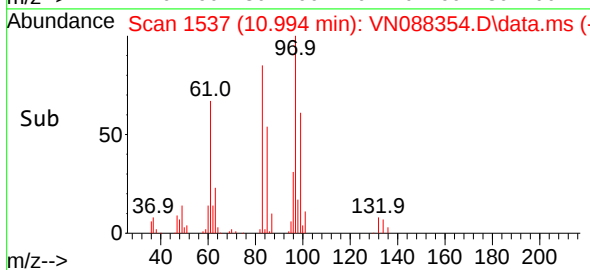
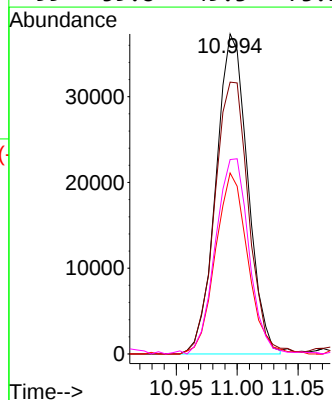
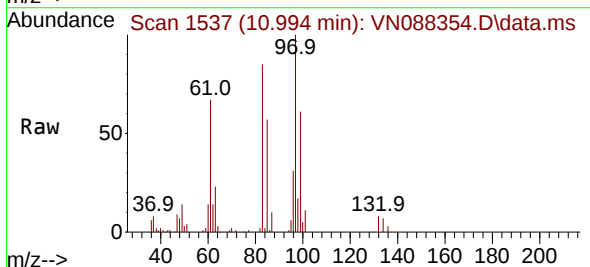
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

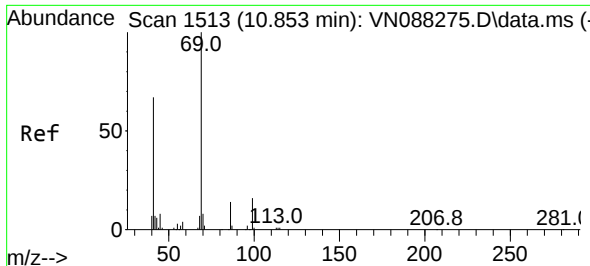
Tgt Ion: 75 Resp: 121530
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.4 36.6
 39 55.0 46.1 69.1



#50
 1,1,2-Trichloroethane
 Concen: 20.815 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN088354.D
 Acq: 25 Nov 2025 11:36

Tgt Ion: 97 Resp: 67719
 Ion Ratio Lower Upper
 97 100
 83 85.0 68.6 102.8
 85 56.6 49.0 73.6
 99 59.8 49.3 73.9

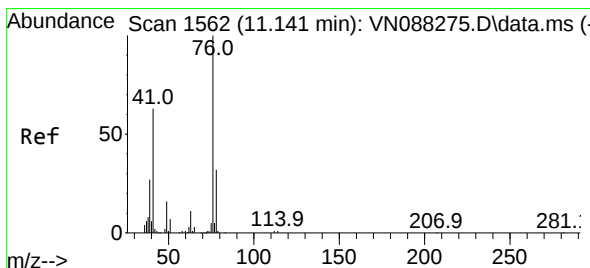
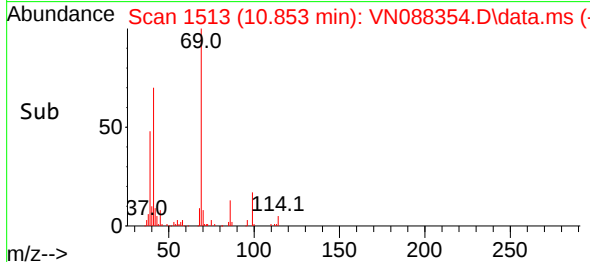
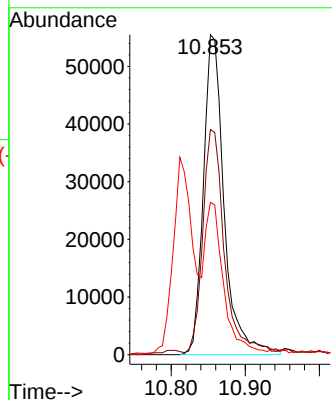
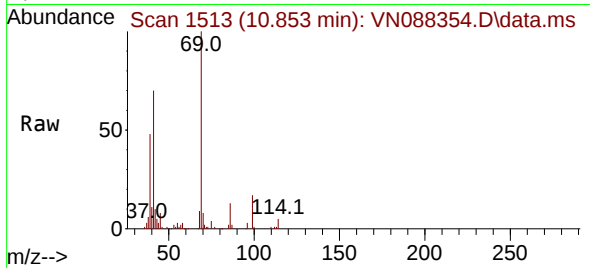




#51
Ethyl methacrylate
Concen: 20.171 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

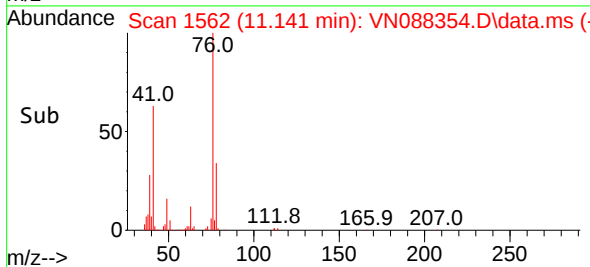
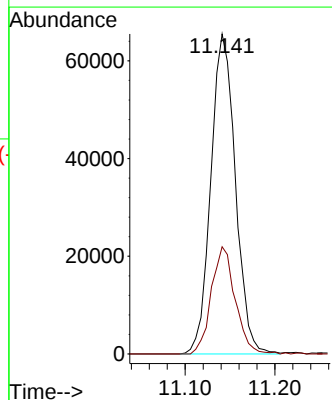
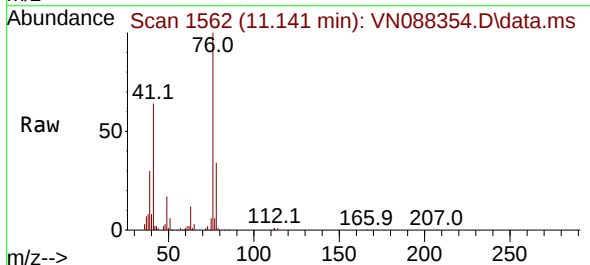
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

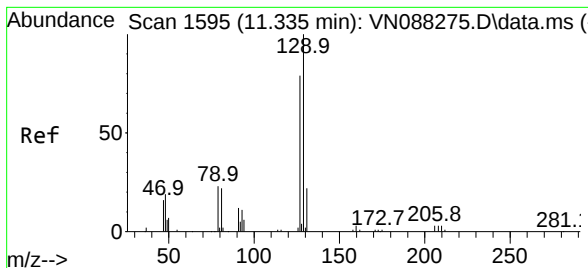
Tgt Ion: 69 Resp: 107966
Ion Ratio Lower Upper
69 100
41 69.4 33.6 100.8
39 46.5 23.4 70.2



#52
1,3-Dichloropropane
Concen: 21.020 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 76 Resp: 124545
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.2

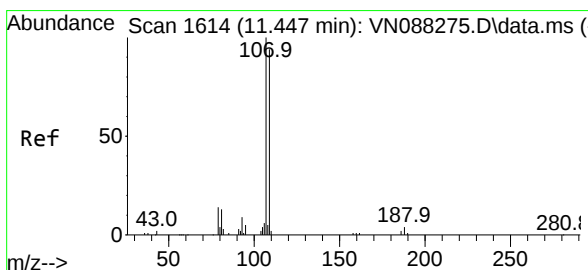
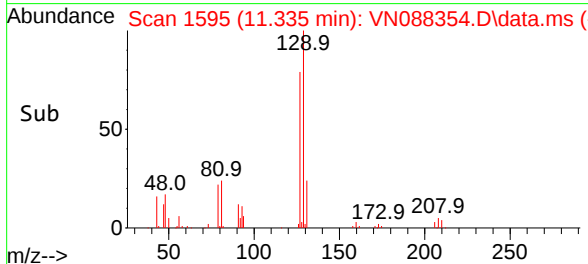
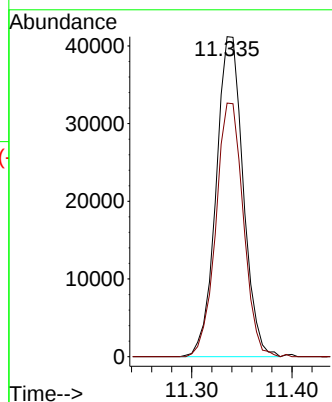
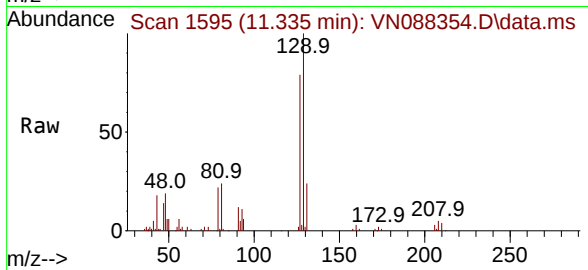




#53
Dibromochloromethane
Concen: 20.658 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

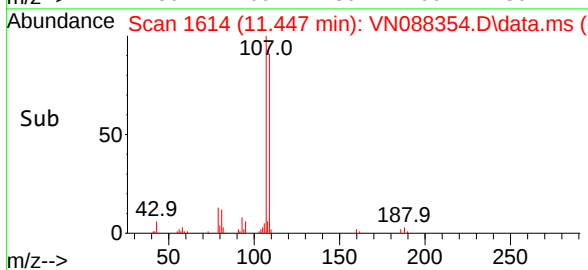
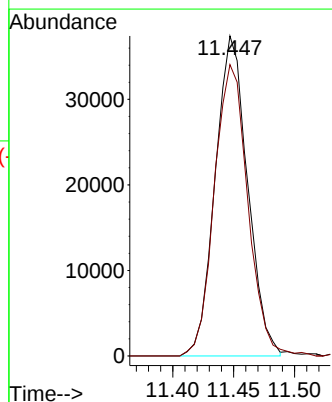
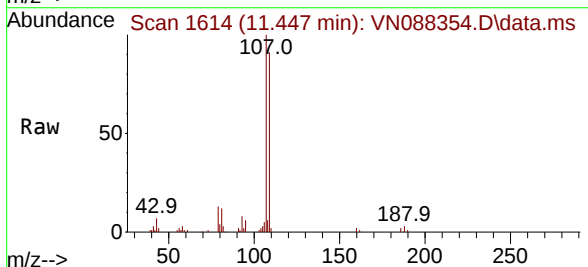
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

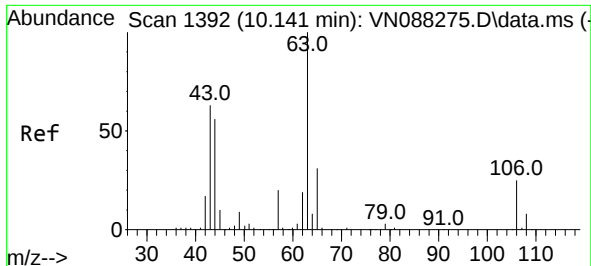
Tgt Ion:129 Resp: 77198
Ion Ratio Lower Upper
129 100
127 80.1 38.2 114.6



#54
1,2-Dibromoethane
Concen: 20.504 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion:107 Resp: 69311
Ion Ratio Lower Upper
107 100
109 94.1 76.6 115.0

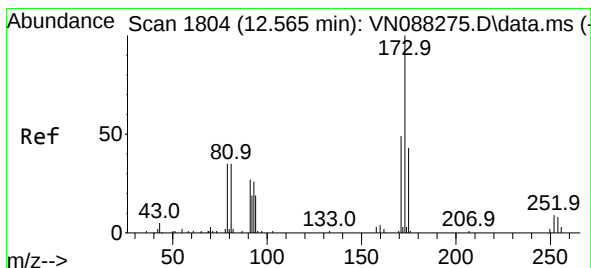
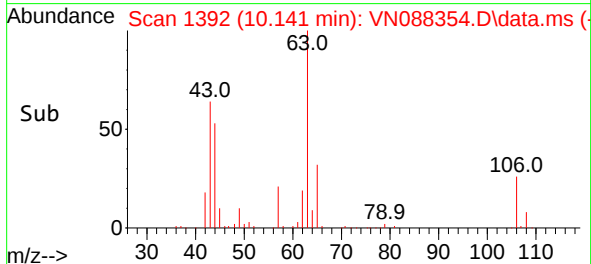
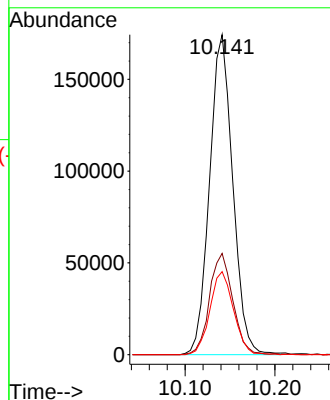
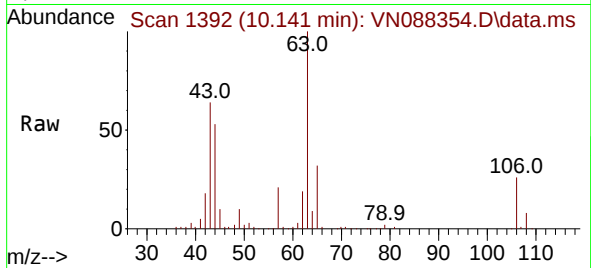




#55
2-Chloroethyl vinyl ether
Concen: 101.518 ug/l
RT: 10.141 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

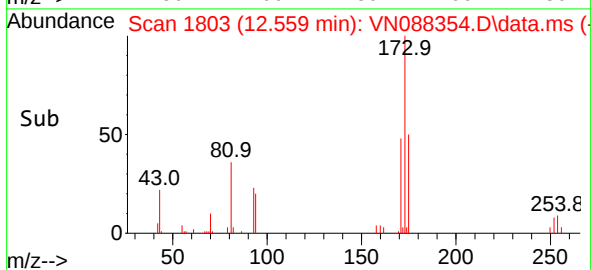
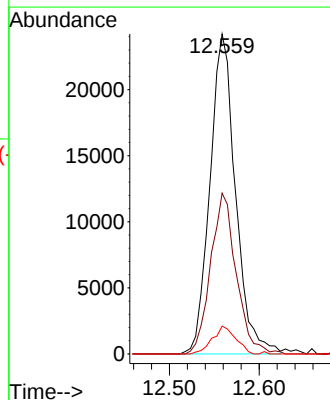
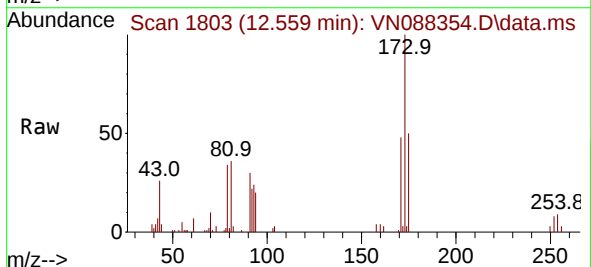
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

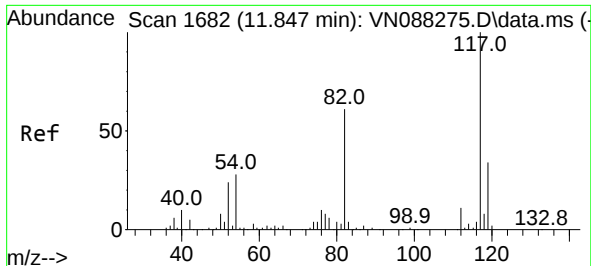
Tgt Ion: 63 Resp: 313016
Ion Ratio Lower Upper
63 100
65 31.8 24.9 37.3
106 26.2 20.3 30.5



#56
Bromoform
Concen: 20.259 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion:173 Resp: 47920
Ion Ratio Lower Upper
173 100
175 50.0 37.7 56.5
254 7.9 5.9 8.9





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN088354.D

Acq: 25 Nov 2025 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

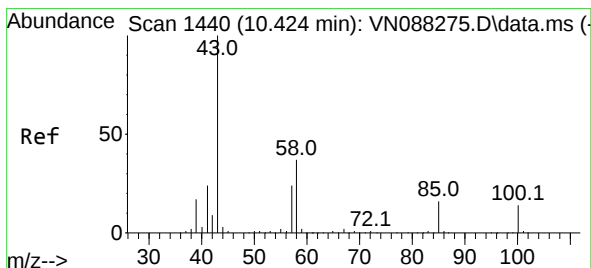
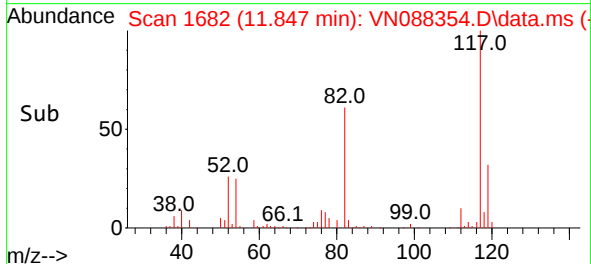
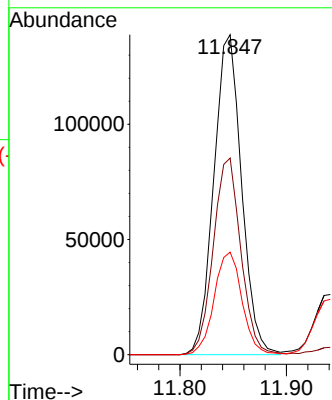
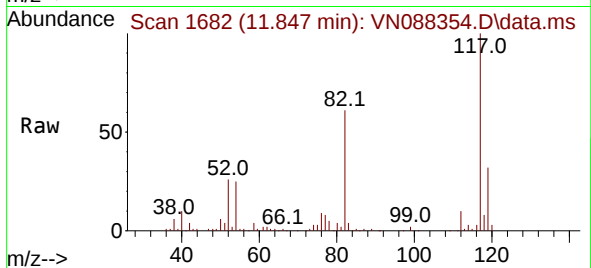
Tgt Ion:117 Resp: 251170

Ion Ratio Lower Upper

117 100

82 61.2 49.3 73.9

119 32.3 26.4 39.6



#58

4-Methyl-2-Pentanone

Concen: 113.586 ug/l

RT: 10.424 min Scan# 1440

Delta R.T. -0.000 min

Lab File: VN088354.D

Acq: 25 Nov 2025 11:36

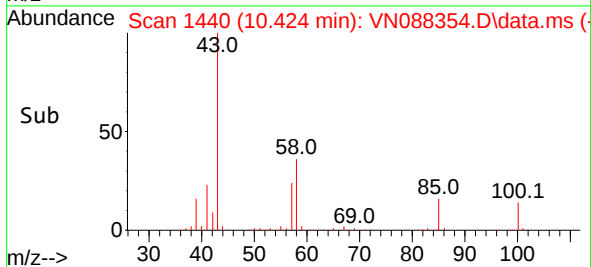
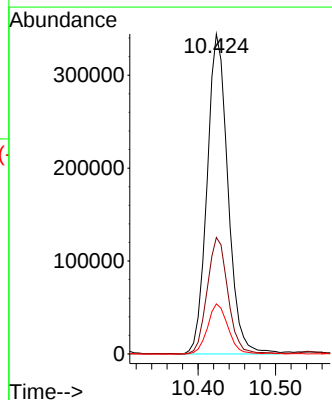
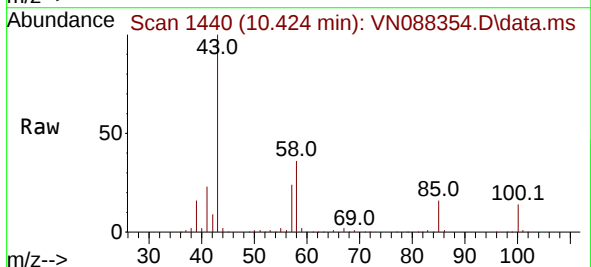
Tgt Ion: 43 Resp: 645267

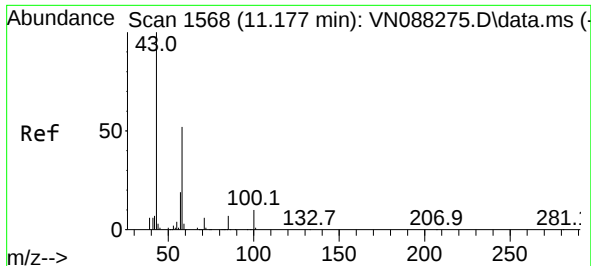
Ion Ratio Lower Upper

43 100

58 35.9 29.2 43.8

85 15.3 12.6 19.0

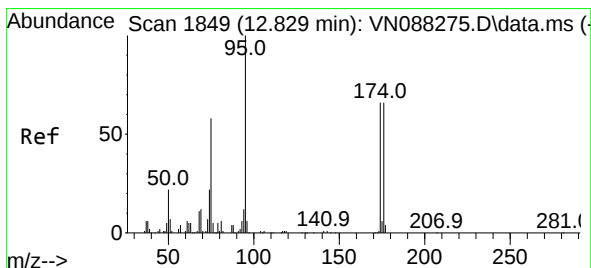
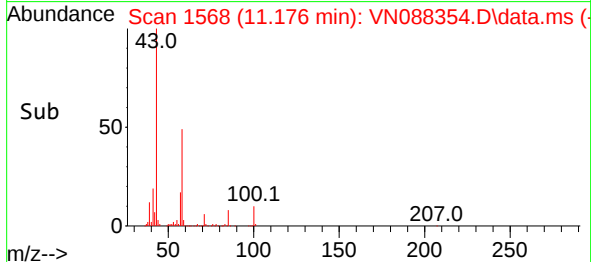
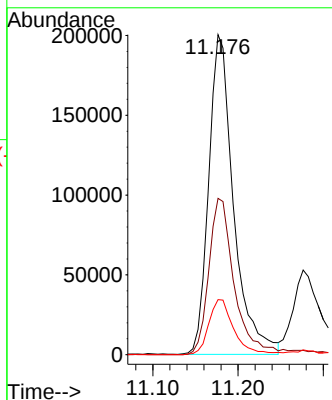
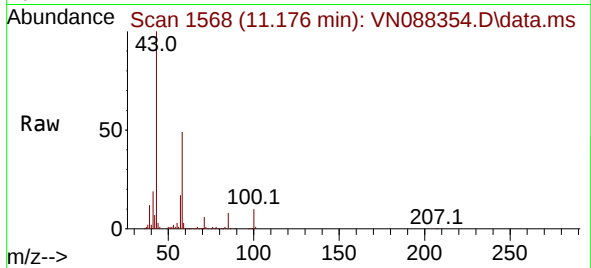




#59
2-Hexanone
Concen: 107.560 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

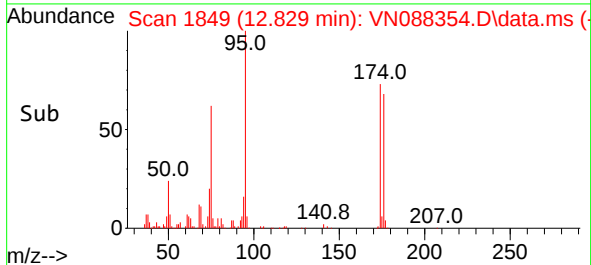
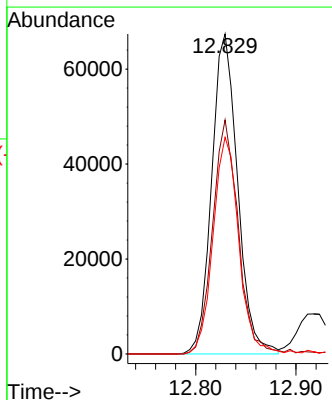
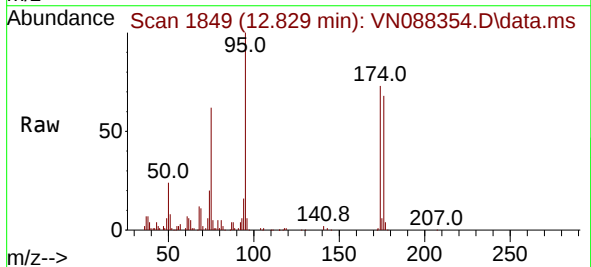
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

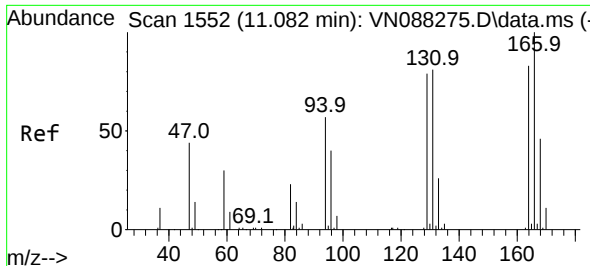
Tgt Ion: 43 Resp: 405741
Ion Ratio Lower Upper
43 100
58 49.0 41.0 61.4
57 17.3 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 28.502 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 95 Resp: 121015
Ion Ratio Lower Upper
95 100
174 72.0 54.5 81.7
176 66.8 53.8 80.6

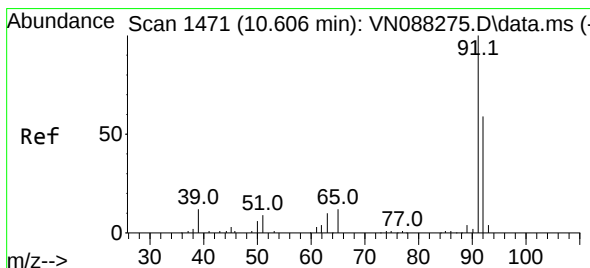
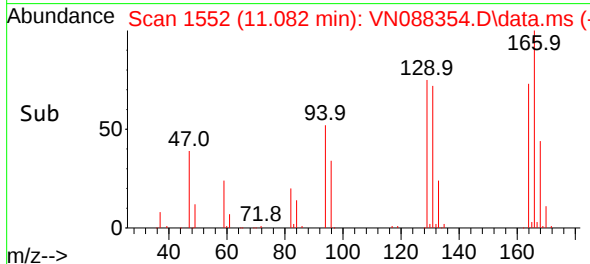
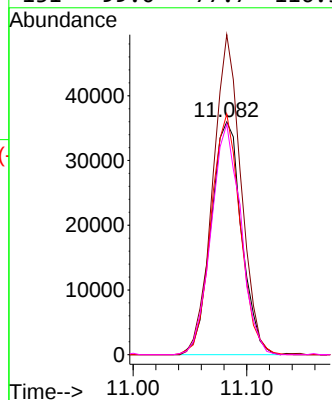
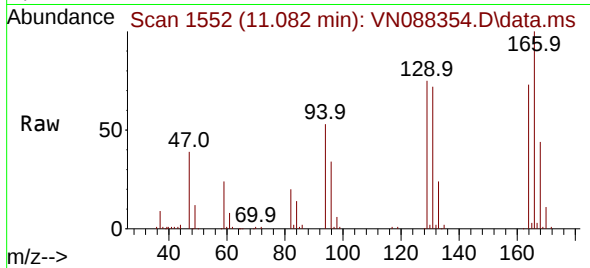




#61
Tetrachloroethene
Concen: 25.896 ug/l
RT: 11.082 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

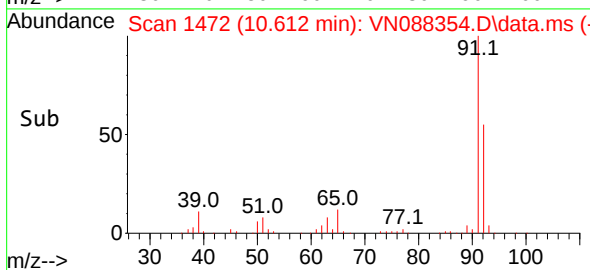
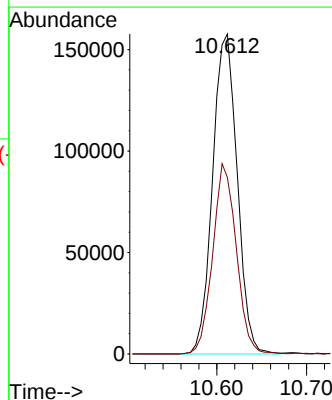
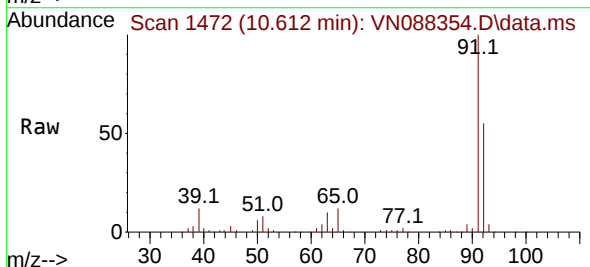
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

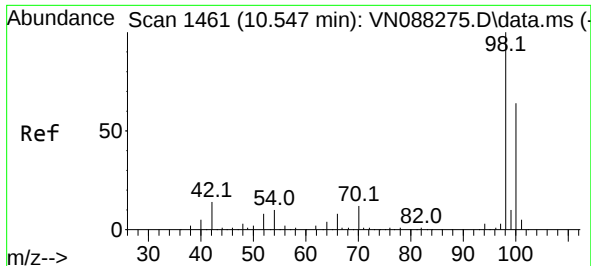
Tgt Ion:164 Resp: 67061
Ion Ratio Lower Upper
164 100
166 137.5 96.3 144.5
129 102.9 76.2 114.2
131 99.0 77.7 116.5



#62
Toluene
Concen: 20.796 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 91 Resp: 299742
Ion Ratio Lower Upper
91 100
92 57.0 46.7 70.1

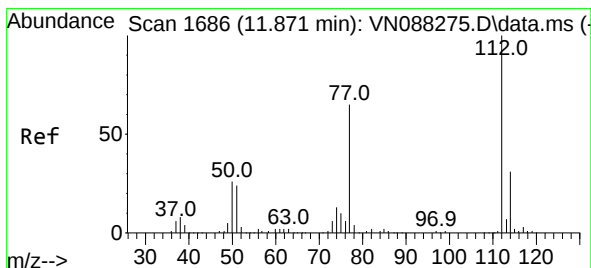
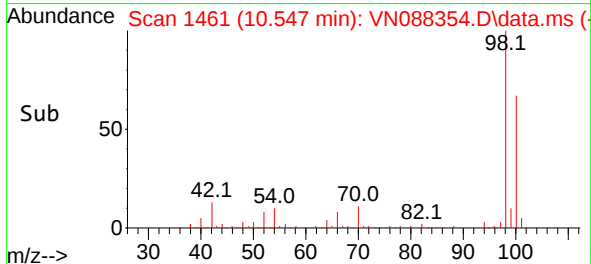
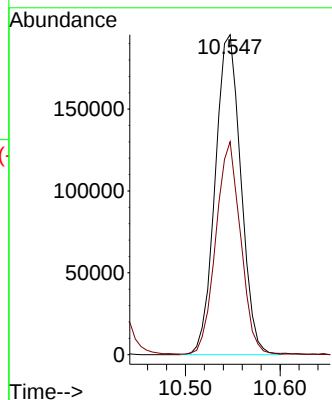
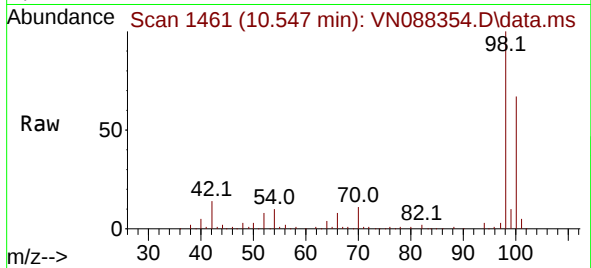




#63
Toluene-d8
Concen: 31.006 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

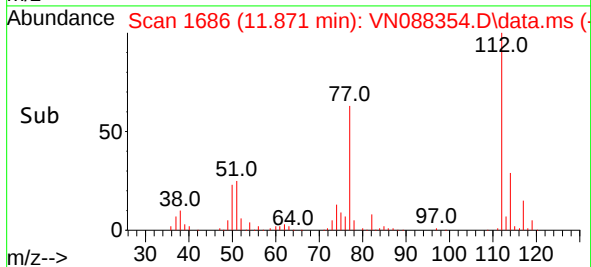
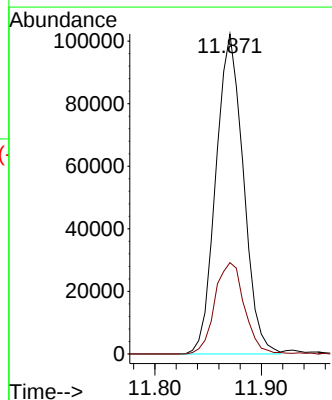
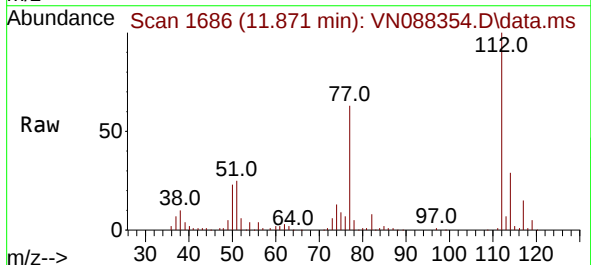
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

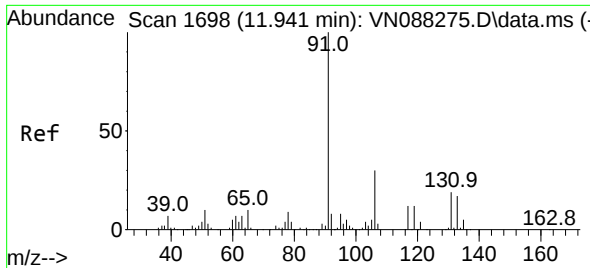
Tgt Ion: 98 Resp: 368703
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#64
Chlorobenzene
Concen: 20.547 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 112 Resp: 183421
Ion Ratio Lower Upper
112 100
114 28.5 25.0 37.4

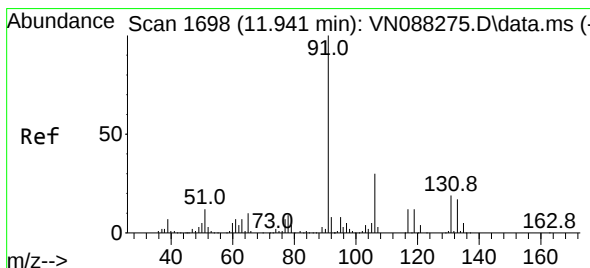
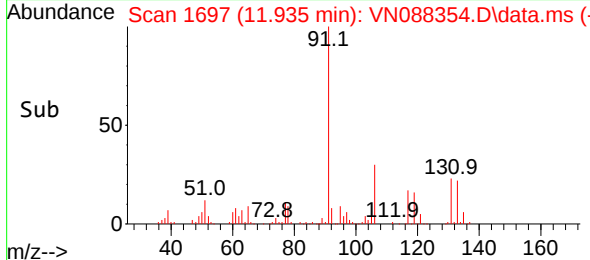
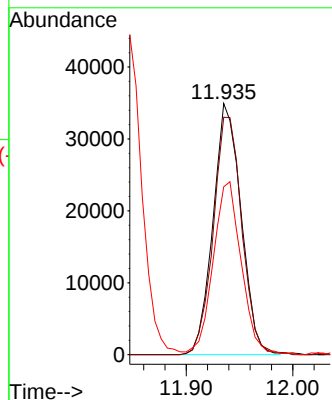
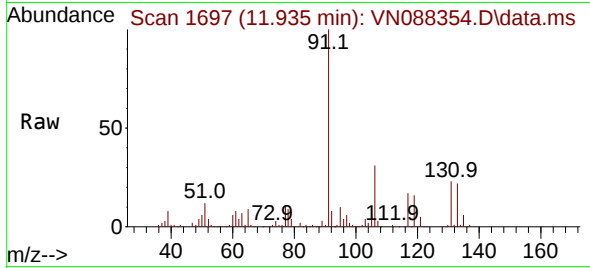




#65
1,1,1,2-Tetrachloroethane
Concen: 20.900 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

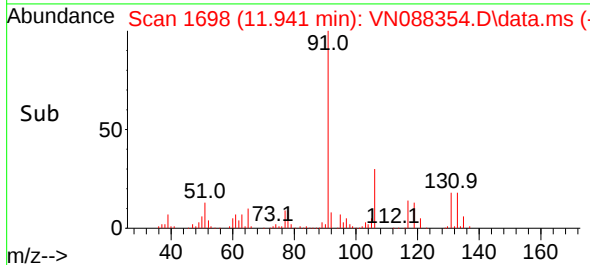
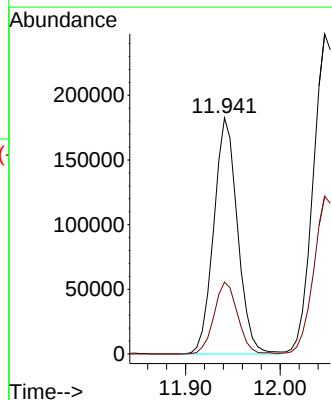
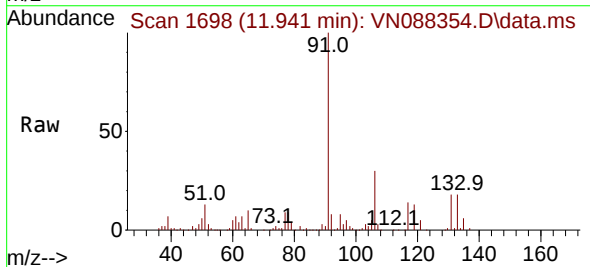
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

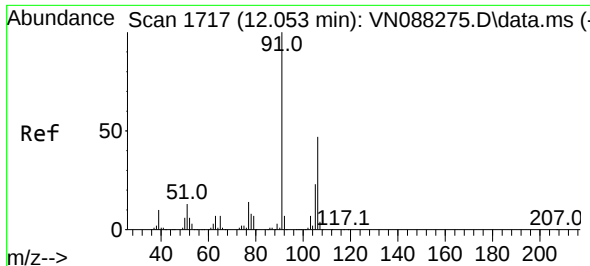
Tgt Ion:131 Resp: 63859
Ion Ratio Lower Upper
131 100
133 96.4 0.0 181.4
119 68.9 0.0 135.0



#66
Ethyl Benzene
Concen: 20.067 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 91 Resp: 318781
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6

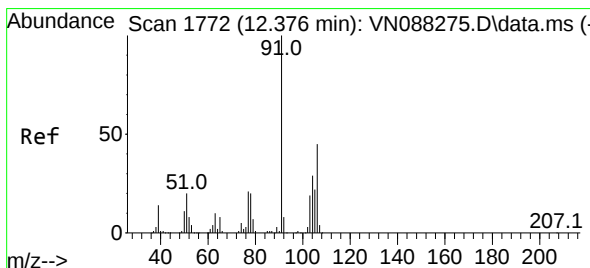
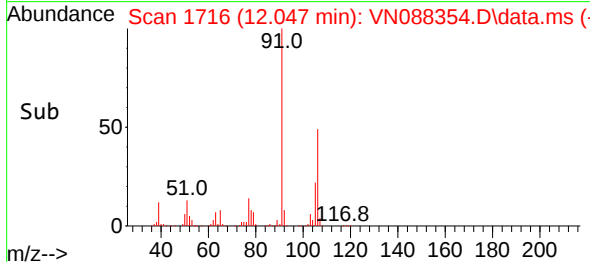
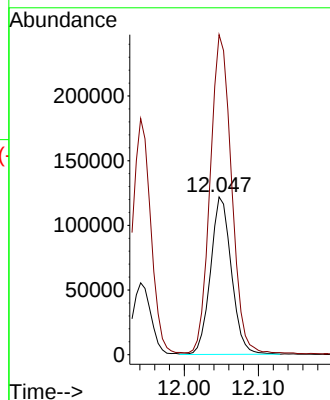
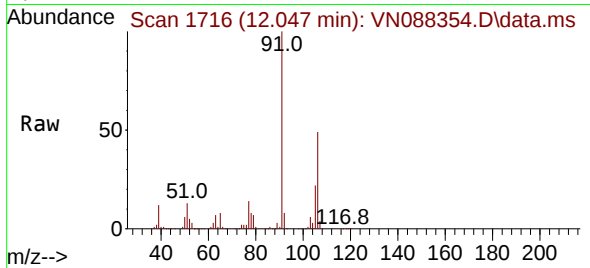




#67
m/p-Xylenes
Concen: 40.091 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

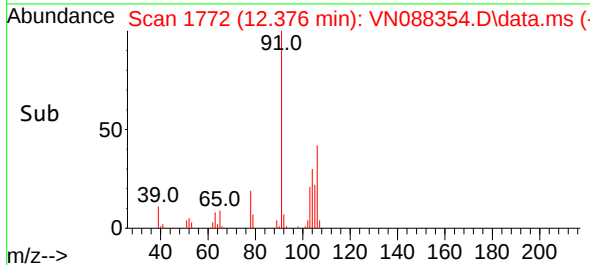
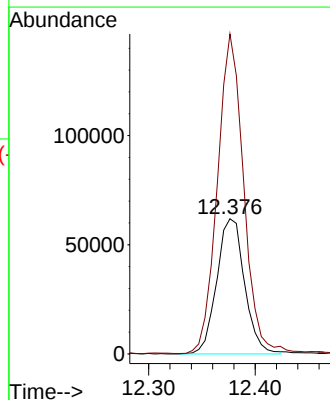
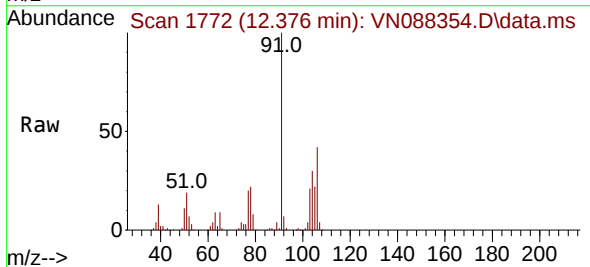
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

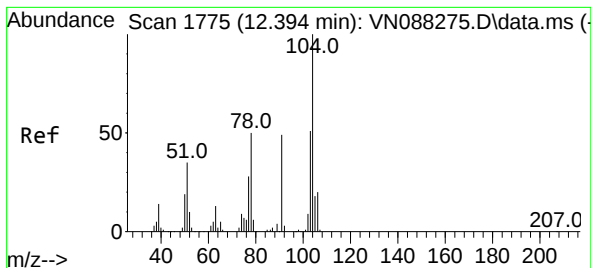
Tgt Ion:106 Resp: 238172
Ion Ratio Lower Upper
106 100
91 205.8 168.3 252.5



#68
o-Xylene
Concen: 20.046 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion:106 Resp: 112340
Ion Ratio Lower Upper
106 100
91 222.8 114.0 342.0





#69

Styrene

Concen: 19.528 ug/l

RT: 12.388 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088354.D

Acq: 25 Nov 2025 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

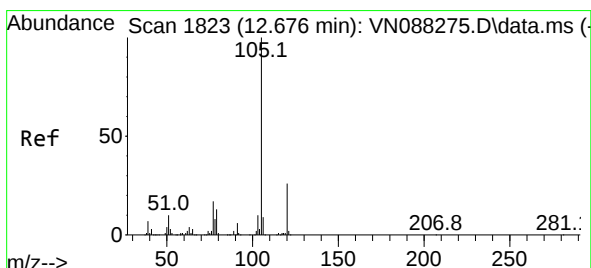
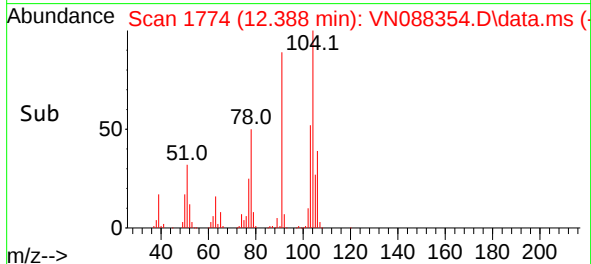
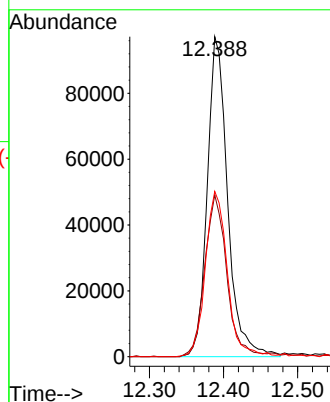
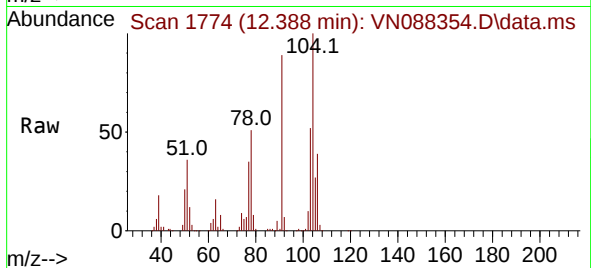
Tgt Ion:104 Resp: 185873

Ion Ratio Lower Upper

104 100

78 54.7 43.8 65.8

103 55.2 44.8 67.2



#70

Isopropylbenzene

Concen: 19.306 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. -0.000 min

Lab File: VN088354.D

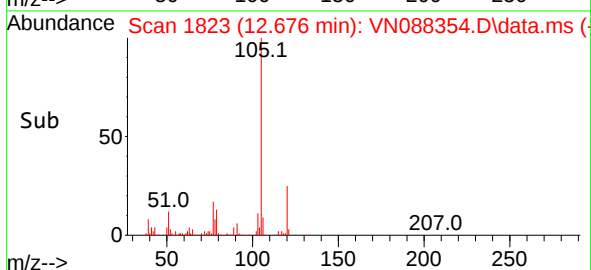
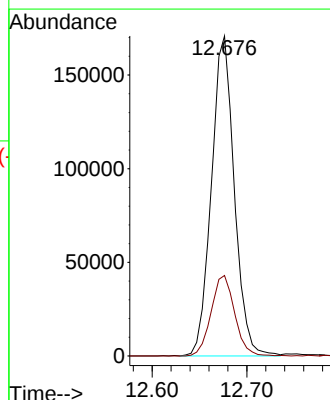
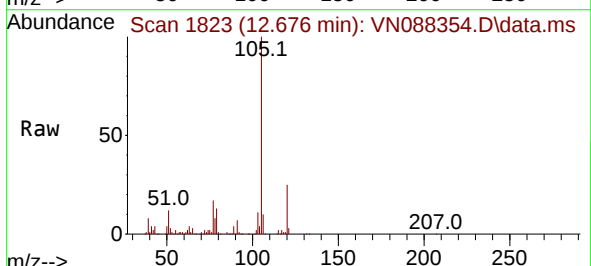
Acq: 25 Nov 2025 11:36

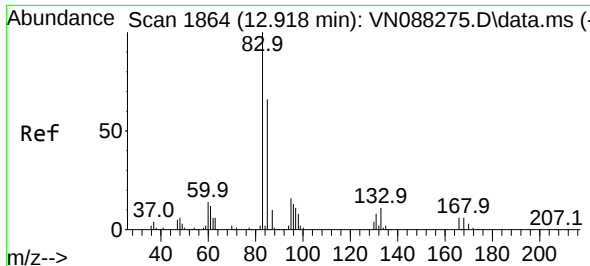
Tgt Ion:105 Resp: 286728

Ion Ratio Lower Upper

105 100

120 25.8 18.2 33.8

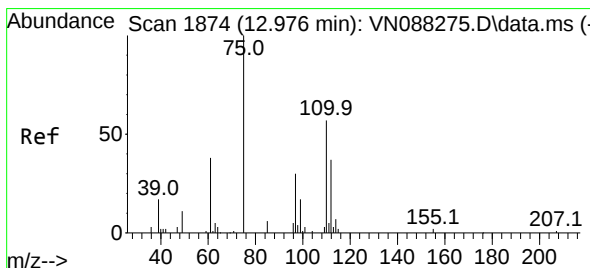
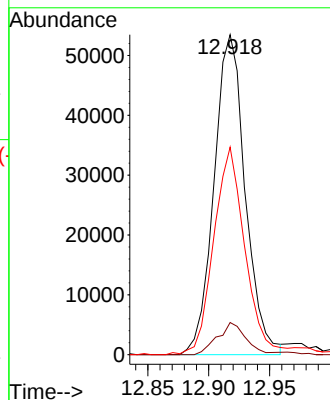
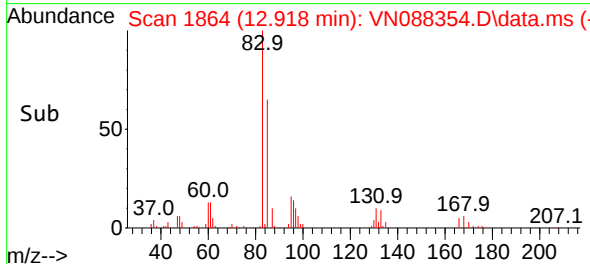
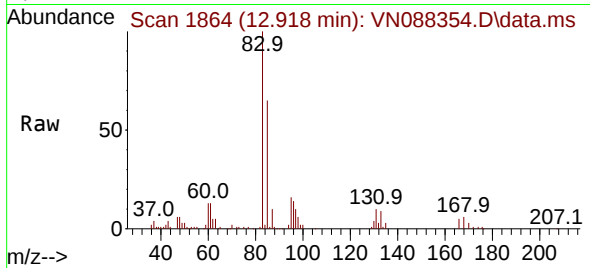




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.806 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VN088354.D
 Acq: 25 Nov 2025 11:36

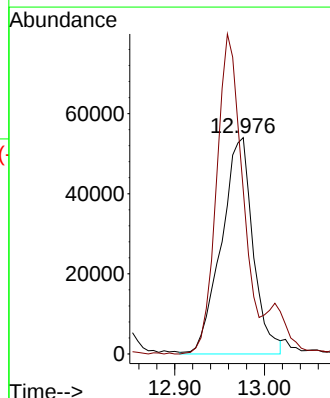
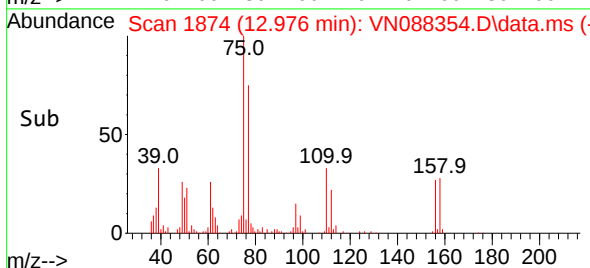
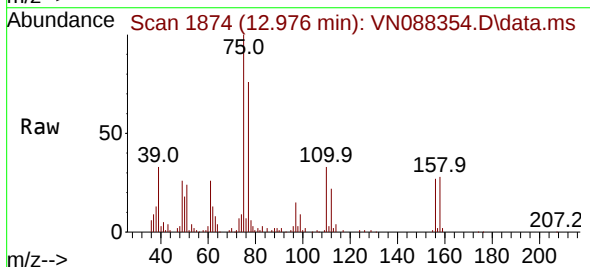
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

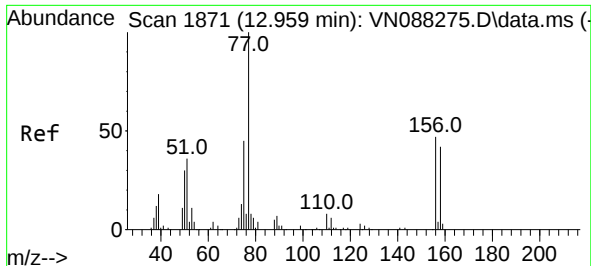
Tgt Ion: 83 Resp: 95283
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.3 12.9
 85 64.7 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 28.438 ug/l
 RT: 12.976 min Scan# 1874
 Delta R.T. -0.000 min
 Lab File: VN088354.D
 Acq: 25 Nov 2025 11:36

Tgt Ion: 75 Resp: 132538
 Ion Ratio Lower Upper
 75 100
 77 120.3 0.0 386.6

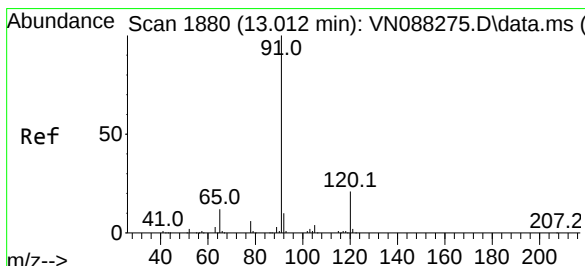
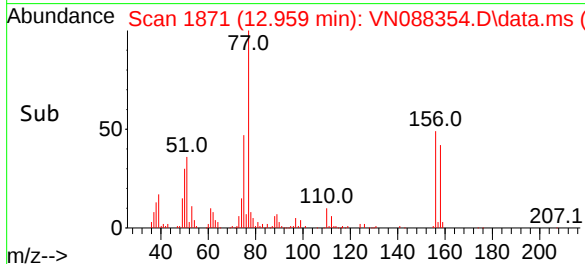
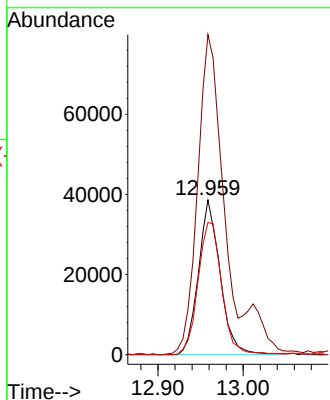
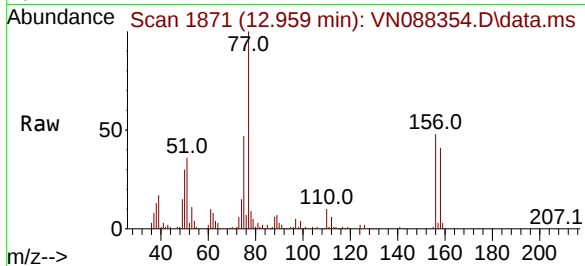




#73
Bromobenzene
Concen: 20.381 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

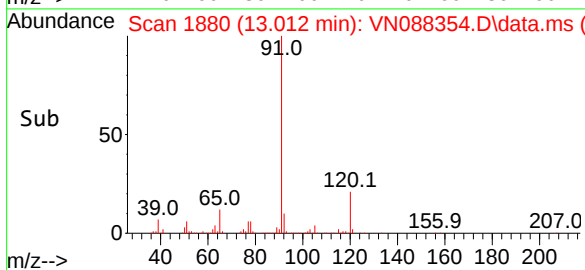
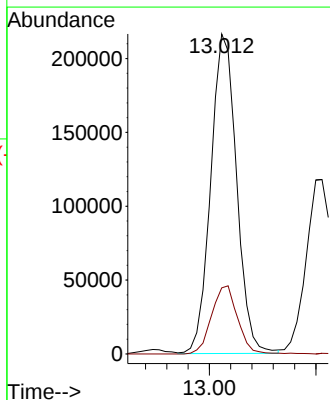
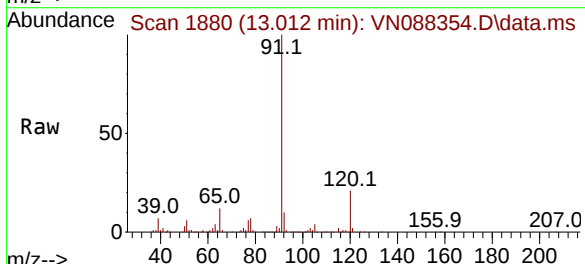
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

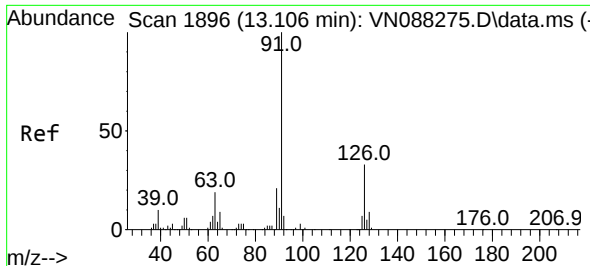
Tgt Ion:156 Resp: 68337
Ion Ratio Lower Upper
156 100
77 233.4 0.0 493.4
158 92.6 0.0 193.4



#74
n-propylbenzene
Concen: 19.820 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 91 Resp: 364283
Ion Ratio Lower Upper
91 100
120 21.4 0.0 43.2

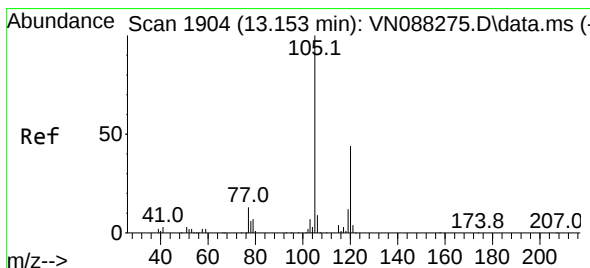
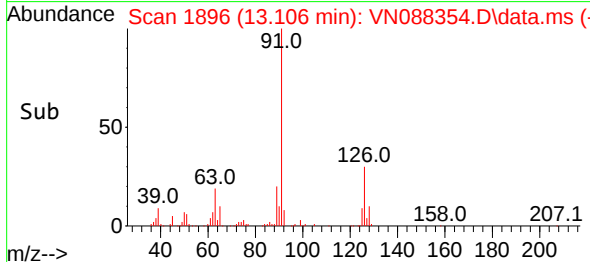
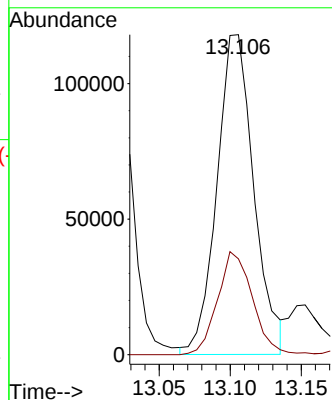
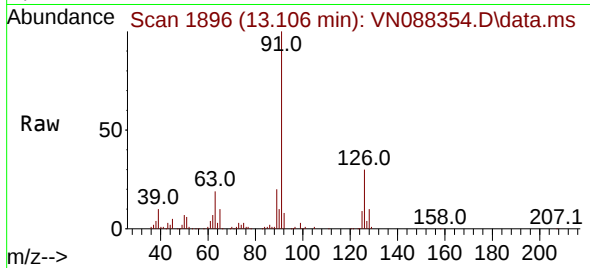




#75
2-Chlorotoluene
Concen: 19.102 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

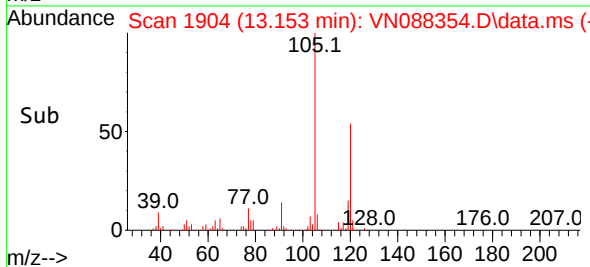
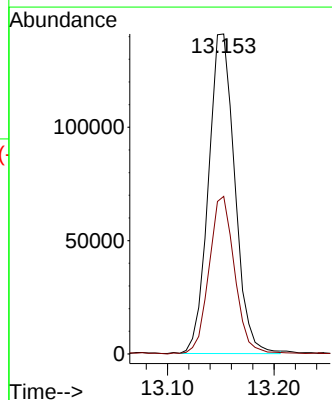
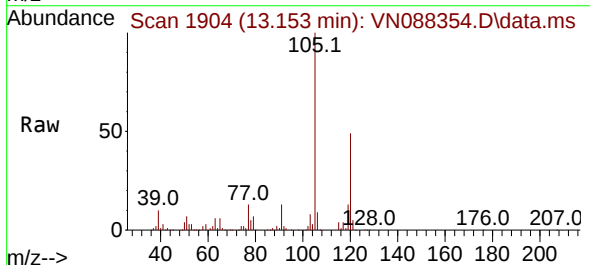
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

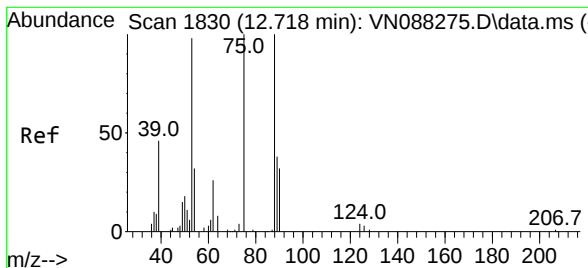
Tgt Ion: 91 Resp: 213493
Ion Ratio Lower Upper
91 100
126 30.5 0.0 62.0



#76
1,3,5-Trimethylbenzene
Concen: 19.444 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 105 Resp: 242400
Ion Ratio Lower Upper
105 100
120 48.0 0.0 94.6

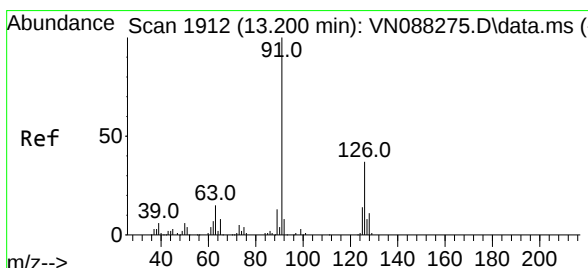
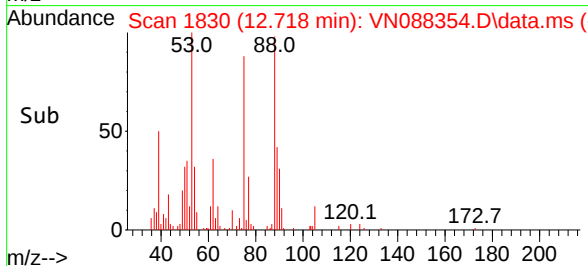
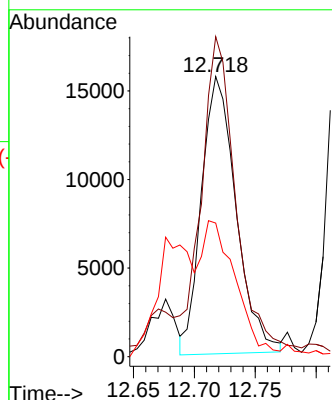
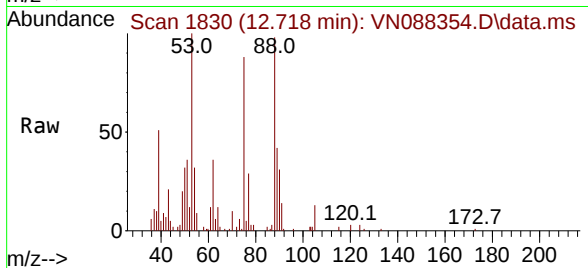




#77
t-1,4-Dichloro-2-butene
Concen: 19.382 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

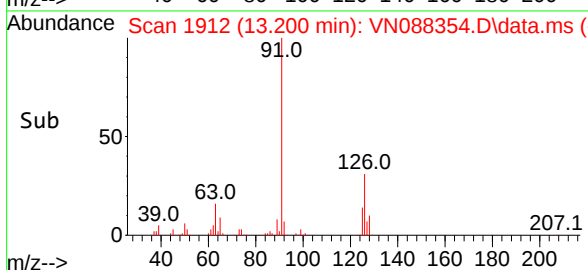
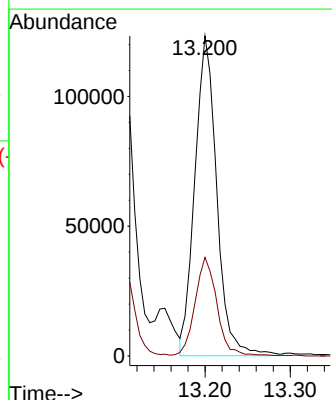
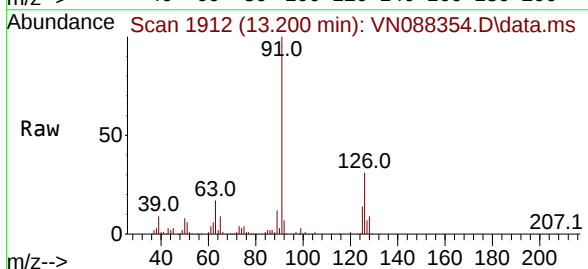
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

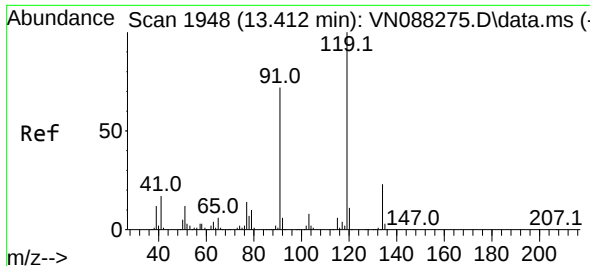
Tgt Ion: 75 Resp: 31021
Ion Ratio Lower Upper
75 100
53 114.3 50.0 150.0
89 48.0 22.3 66.9



#78
4-Chlorotoluene
Concen: 19.438 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 91 Resp: 220146
Ion Ratio Lower Upper
91 100
126 30.8 0.0 60.8

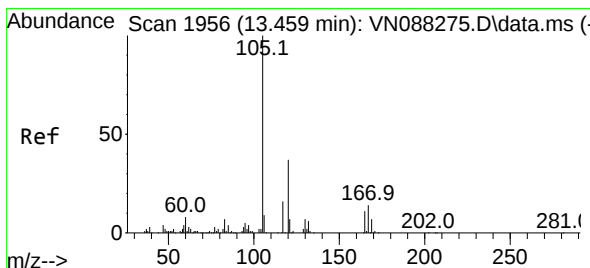
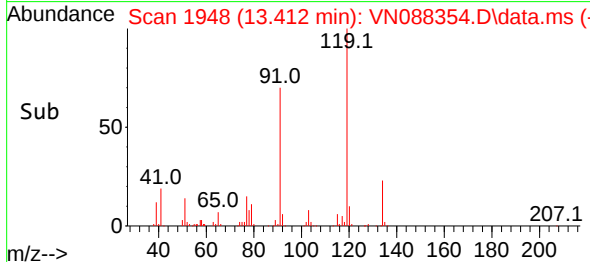
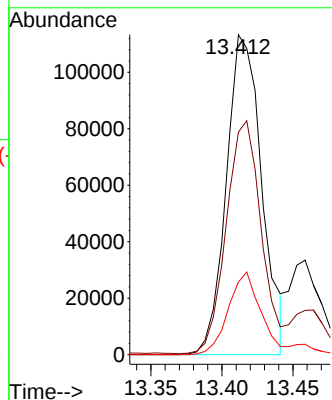
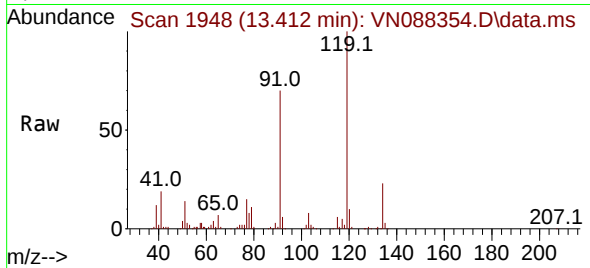




#79
tert-butylbenzene
Concen: 18.416 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

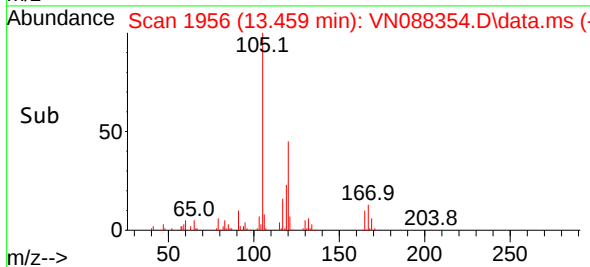
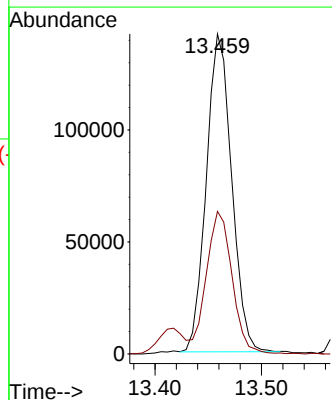
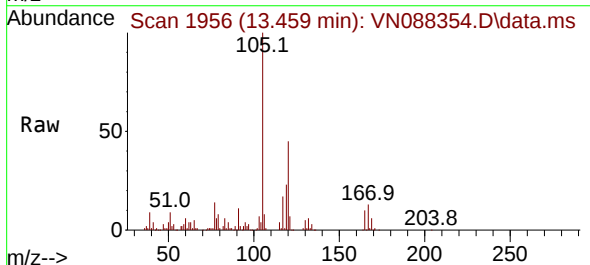
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

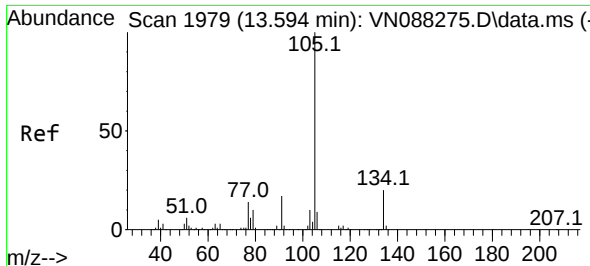
Tgt Ion:119 Resp: 196566
Ion Ratio Lower Upper
119 100
91 71.9 0.0 140.8
134 23.9 0.0 48.4



#80
1,2,4-Trimethylbenzene
Concen: 18.938 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion:105 Resp: 234777
Ion Ratio Lower Upper
105 100
120 45.7 0.0 89.2

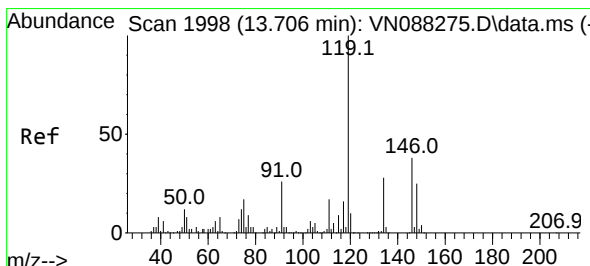
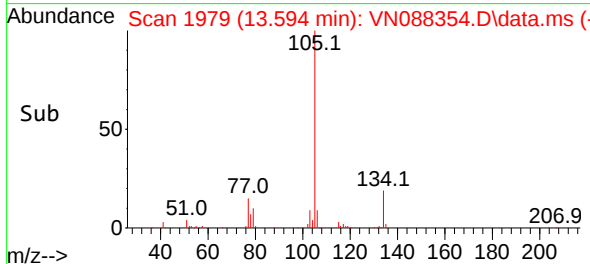
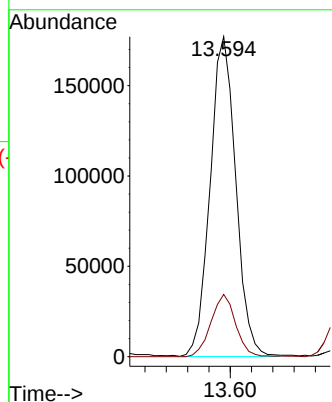
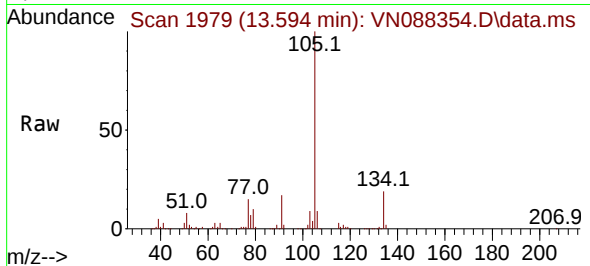




#81
 sec-Butylbenzene
 Concen: 19.024 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088354.D
 Acq: 25 Nov 2025 11:36

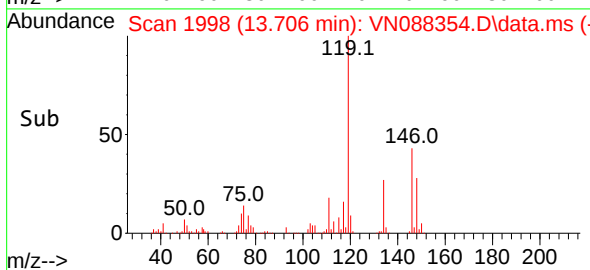
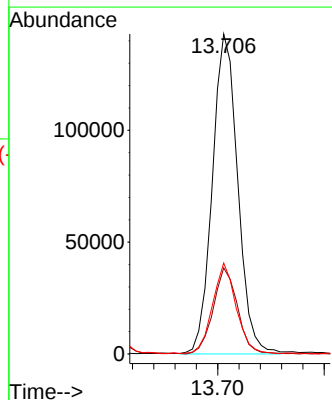
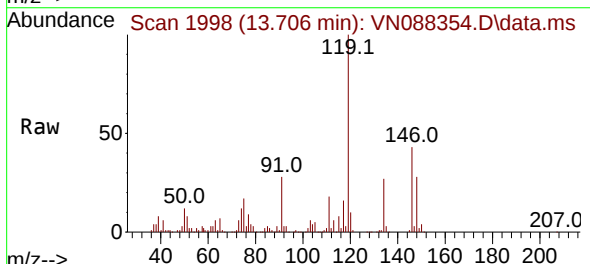
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

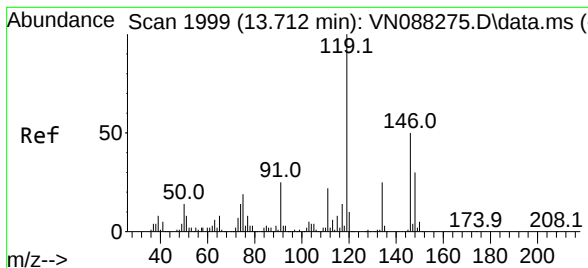
Tgt Ion:105 Resp: 296159
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 18.389 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088354.D
 Acq: 25 Nov 2025 11:36

Tgt Ion:119 Resp: 236561
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 51.2
 91 26.3 0.0 53.4





#83

1,3-Dichlorobenzene

Concen: 19.388 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN088354.D

Acq: 25 Nov 2025 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

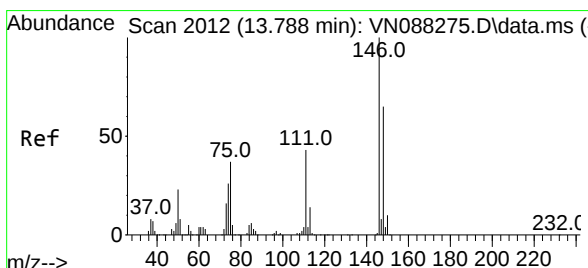
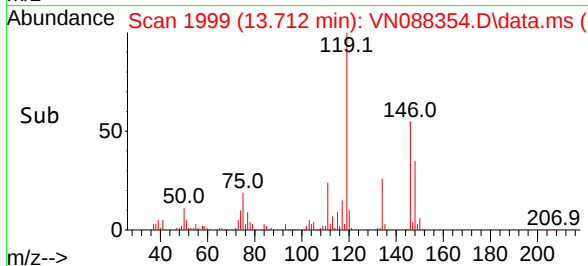
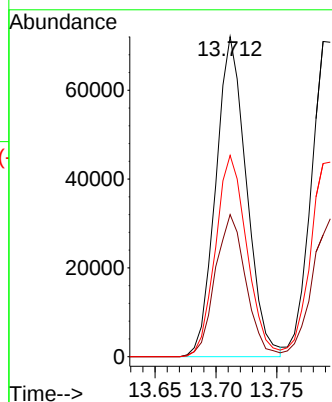
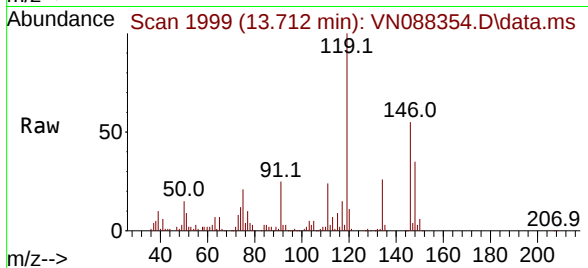
Tgt Ion:146 Resp: 126300

Ion Ratio Lower Upper

146 100

111 44.5 22.1 66.5

148 64.5 31.4 94.3



#84

1,4-Dichlorobenzene

Concen: 19.986 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088354.D

Acq: 25 Nov 2025 11:36

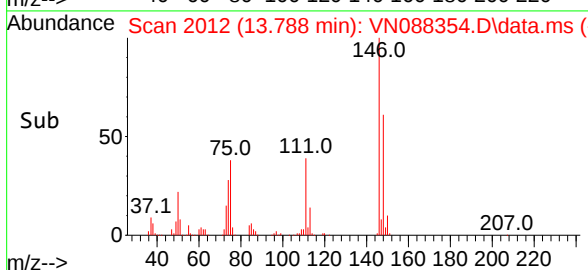
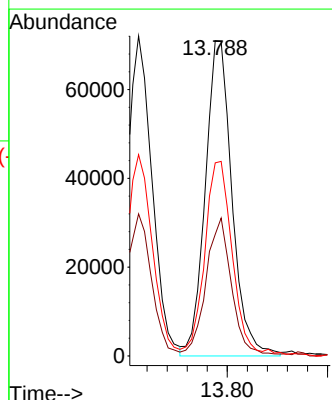
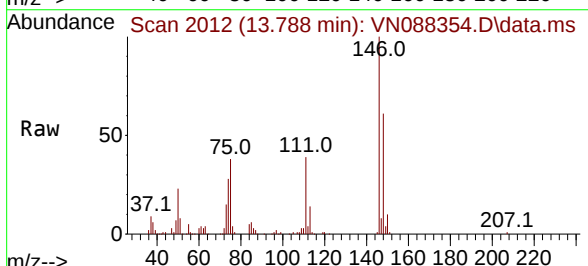
Tgt Ion:146 Resp: 131856

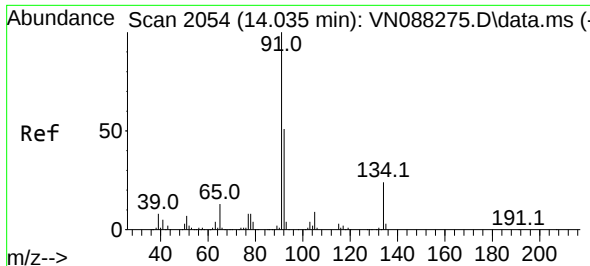
Ion Ratio Lower Upper

146 100

111 42.0 21.8 65.3

148 63.1 31.9 95.5

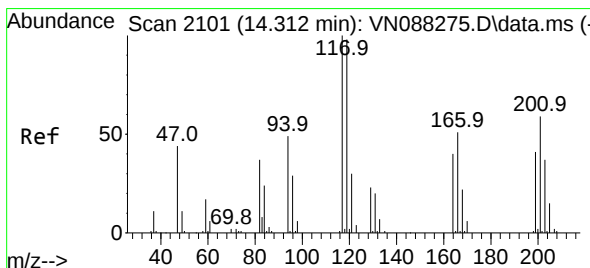
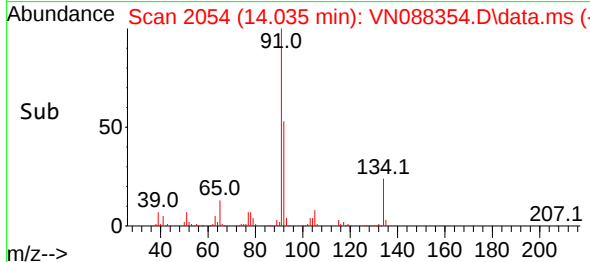
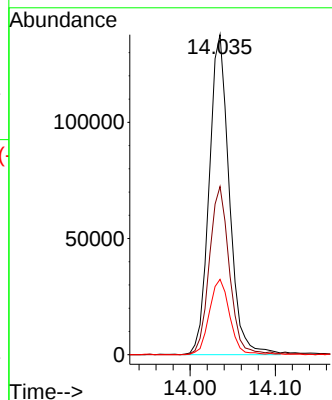
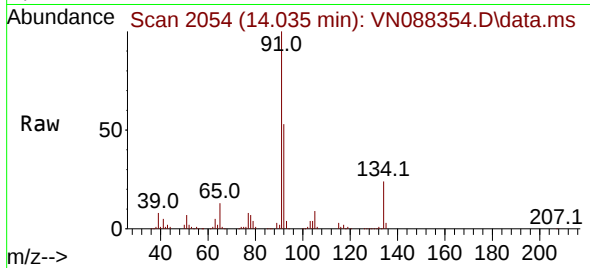




#85
n-Butylbenzene
Concen: 18.417 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

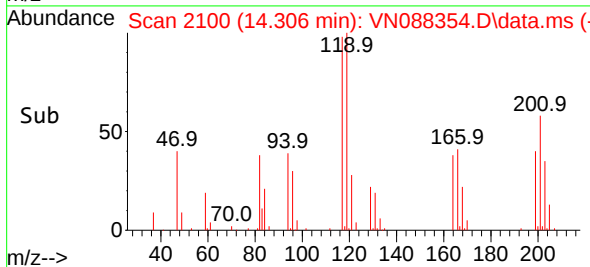
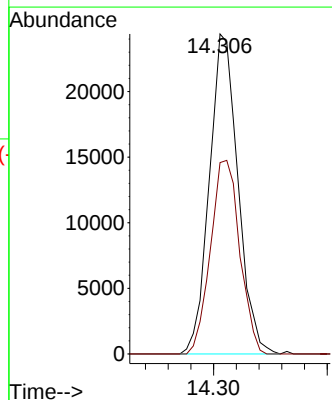
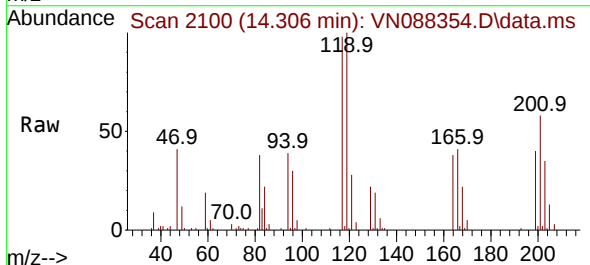
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

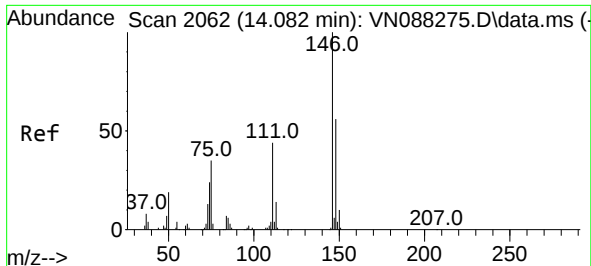
Tgt Ion: 91 Resp: 225791
Ion Ratio Lower Upper
91 100
92 52.1 0.0 102.4
134 23.5 0.0 45.8



#86
Hexachloroethane
Concen: 17.315 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 117 Resp: 42647
Ion Ratio Lower Upper
117 100
201 61.8 30.6 92.0

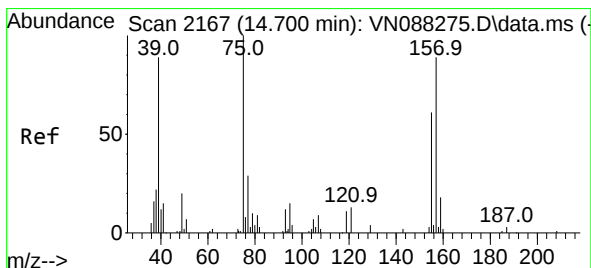
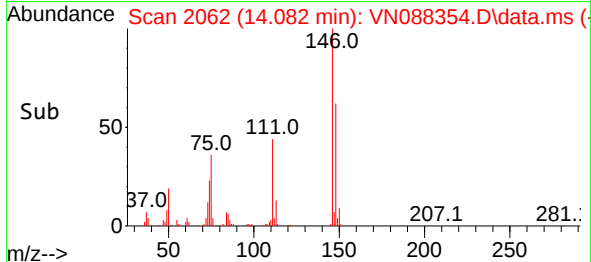
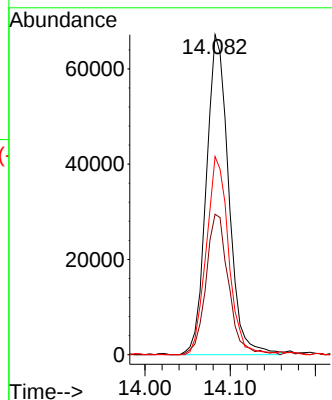
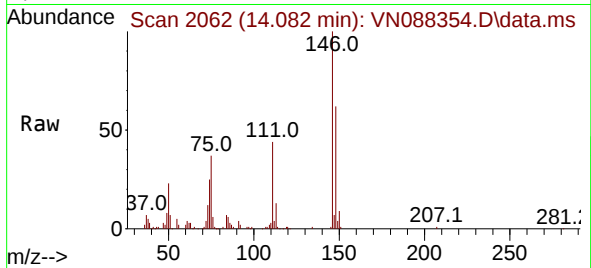




#87
1,2-Dichlorobenzene
Concen: 19.943 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

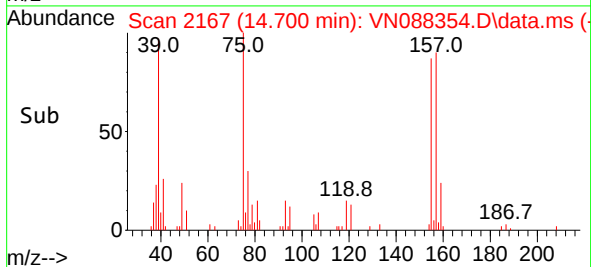
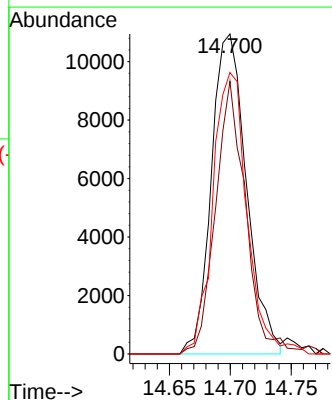
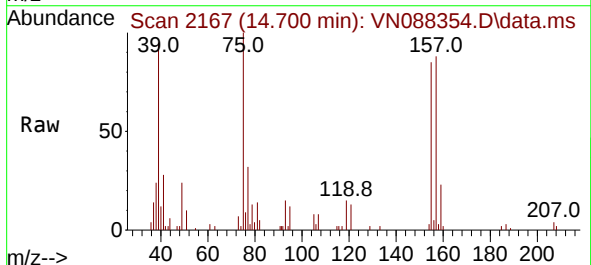
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

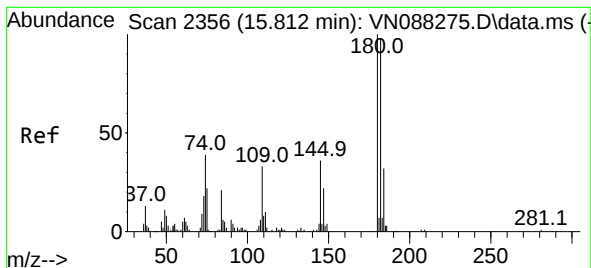
Tgt Ion:146 Resp: 122631
Ion Ratio Lower Upper
146 100
111 44.2 23.0 69.0
148 61.8 31.1 93.2



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.375 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion: 75 Resp: 21909
Ion Ratio Lower Upper
75 100
155 71.5 54.8 82.2
157 84.4 70.7 106.1





#89

1,2,4-Trichlorobenzene

Concen: 19.971 ug/l

RT: 15.817 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN088354.D

Acq: 25 Nov 2025 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

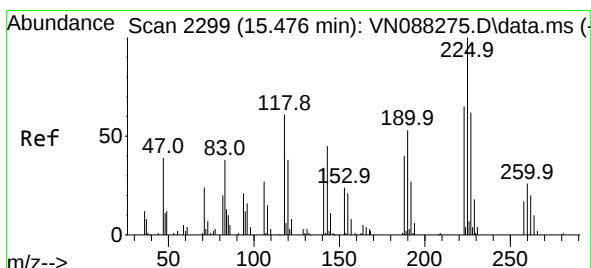
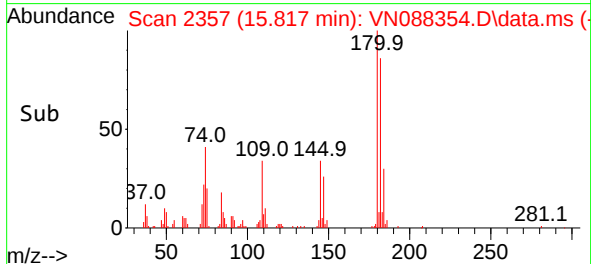
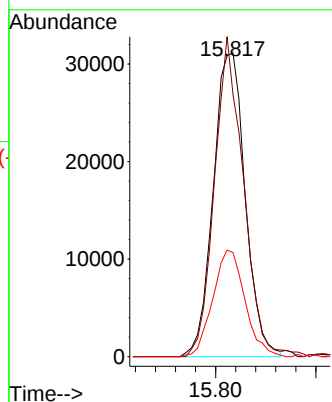
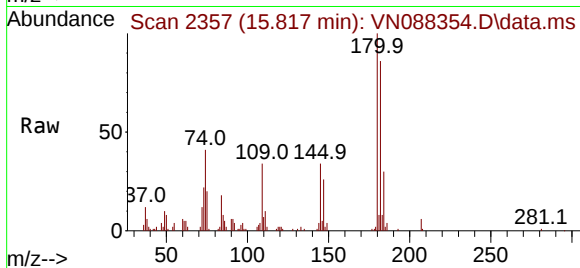
Tgt Ion:180 Resp: 68912

Ion Ratio Lower Upper

180 100

182 95.4 77.3 115.9

145 35.3 30.2 45.4



#90

Hexachlorobutadiene

Concen: 19.156 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN088354.D

Acq: 25 Nov 2025 11:36

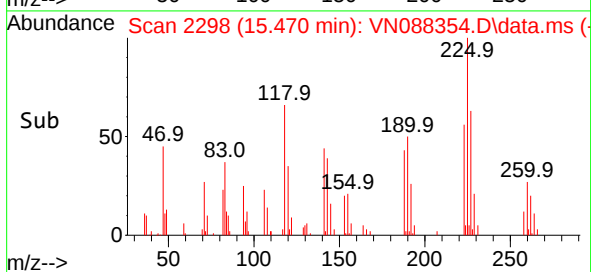
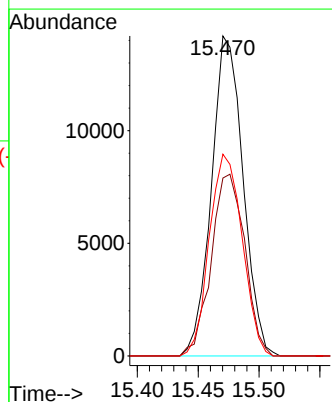
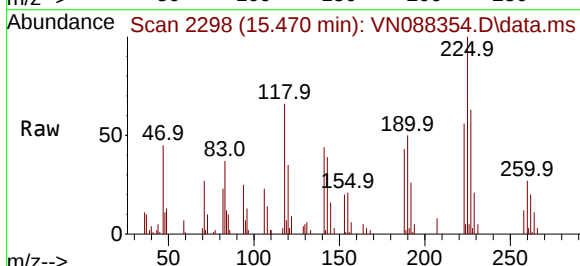
Tgt Ion:225 Resp: 25670

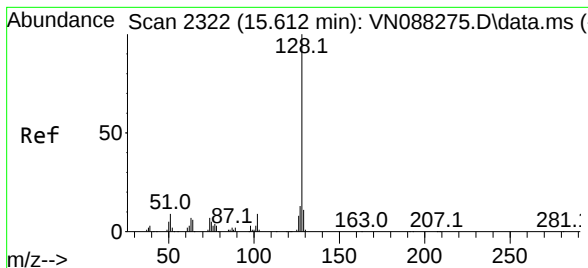
Ion Ratio Lower Upper

225 100

223 60.4 0.0 132.0

227 65.6 0.0 132.6

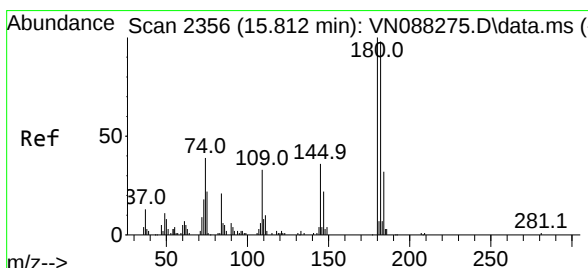
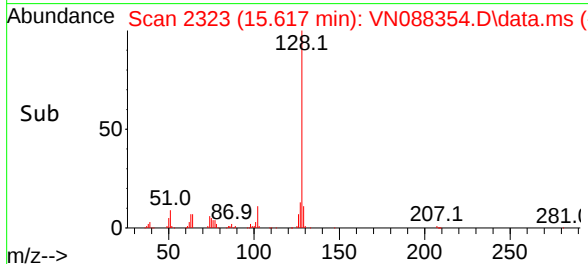
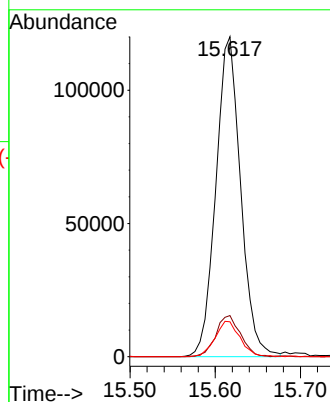
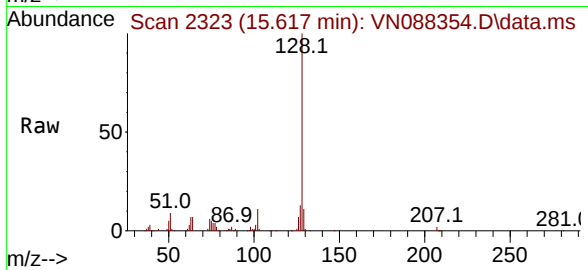




#91
Naphthalene
Concen: 19.450 ug/l
RT: 15.617 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tgt Ion:128 Resp: 242838
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 11.1 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 19.971 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN088354.D
Acq: 25 Nov 2025 11:36

Tgt Ion:180 Resp: 68912
Ion Ratio Lower Upper
180 100
182 95.4 0.0 193.2
145 35.3 0.0 75.6

