

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121625\
 Data File : VN088520.D
 Acq On : 16 Dec 2025 12:07
 Operator : JC\MD
 Sample : VN1216WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS02

Quant Time: Dec 17 01:38:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	415959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.076	114	731821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	655406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.764	152	326382	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	409821	52.301	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.600%	
35) Dibromofluoromethane	8.147	113	282378	55.680	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.360%	
50) Toluene-d8	10.541	98	1049973	55.643	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.280%	
62) 4-Bromofluorobenzene	12.823	95	362040	55.917	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 111.840%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	109528	17.531	ug/l	98
3) Chloromethane	2.383	50	122744	18.292	ug/l	95
4) Vinyl Chloride	2.542	62	124640	18.258	ug/l	98
5) Bromomethane	2.989	94	63268	19.256	ug/l	99
6) Chloroethane	3.142	64	79985	18.934	ug/l	96
7) Trichlorofluoromethane	3.518	101	181770	18.945	ug/l	99
8) Diethyl Ether	3.965	74	72041	20.005	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	100242	19.626	ug/l	98
10) Methyl Iodide	4.583	142	91643	18.124	ug/l	94
11) Tert butyl alcohol	5.506	59	98423	78.673	ug/l #	85
12) 1,1-Dichloroethene	4.341	96	96082	18.933	ug/l	94
13) Acrolein	4.177	56	79628	66.483	ug/l	97
14) Allyl chloride	5.018	41	161916	17.214	ug/l	97
15) Acrylonitrile	5.706	53	343041	95.039	ug/l	98
16) Acetone	4.424	43	232541	82.058	ug/l	96
17) Carbon Disulfide	4.706	76	288320	17.386	ug/l	98
18) Methyl Acetate	5.012	43	165179	19.582	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	378412	19.903	ug/l	99
20) Methylene Chloride	5.265	84	119007	19.628	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	105782	18.817	ug/l	89
22) Diisopropyl ether	6.653	45	395991	19.719	ug/l	98
23) Vinyl Acetate	6.583	43	1708603	105.605	ug/l	100
24) 1,1-Dichloroethane	6.547	63	223289	19.635	ug/l	99
25) 2-Butanone	7.465	43	410238	90.048	ug/l	99
26) 2,2-Dichloropropane	7.471	77	197953	20.166	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	125844	19.262	ug/l	99
28) Bromochloromethane	7.794	49	116307	20.531	ug/l	97
29) Tetrahydrofuran	7.818	42	303118	92.762	ug/l	99
30) Chloroform	7.947	83	226715	20.289	ug/l	96
31) Cyclohexane	8.235	56	193116	18.739	ug/l	96
32) 1,1,1-Trichloroethane	8.147	97	194446	19.791	ug/l	98
36) 1,1-Dichloropropene	8.347	75	151307	19.332	ug/l	99
37) Ethyl Acetate	7.541	43	187737	18.242	ug/l	96
38) Carbon Tetrachloride	8.341	117	162598	20.868	ug/l	99
39) Methylcyclohexane	9.576	83	157313	18.790	ug/l	92
40) Benzene	8.582	78	467334	20.344	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	99061	19.434	ug/l	97
42) 1,2-Dichloroethane	8.647	62	182614	20.836	ug/l	99
43) Isopropyl Acetate	8.671	43	296897	18.882	ug/l	97
44) Trichloroethene	9.329	130	107442	19.794	ug/l	87
45) 1,2-Dichloropropane	9.600	63	120231	20.428	ug/l #	89
46) Dibromomethane	9.682	93	87769	20.896	ug/l	97
47) Bromodichloromethane	9.865	83	176988	20.651	ug/l	98
48) Methyl methacrylate	9.659	41	135738	18.920	ug/l	93
49) 1,4-Dioxane	9.676	88	31636	346.735	ug/l #	97
51) 4-Methyl-2-Pentanone	10.423	43	932067	100.565	ug/l	97
52) Toluene	10.606	92	283901	21.403	ug/l	99
53) t-1,3-Dichloropropene	10.812	75	177021	20.123	ug/l	97
54) cis-1,3-Dichloropropene	10.288	75	193777	20.946	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	112632	21.947	ug/l	98
56) Ethyl methacrylate	10.853	69	169563	20.917	ug/l	92
57) 1,3-Dichloropropane	11.141	76	197796	21.364	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.135	63	528922	113.172	ug/l	100
59) 2-Hexanone	11.176	43	566752	97.070	ug/l	94
60) Dibromochloromethane	11.335	129	128700	21.998	ug/l	100
61) 1,2-Dibromoethane	11.447	107	107408	20.668	ug/l	95
64) Tetrachloroethene	11.076	164	97382	18.742	ug/l	96
65) Chlorobenzene	11.865	112	301422	20.475	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.935	131	108311	21.814	ug/l	99
67) Ethyl Benzene	11.941	91	514637	20.001	ug/l	99
68) m/p-Xylenes	12.047	106	392342	41.126	ug/l	98
69) o-Xylene	12.370	106	182027	20.014	ug/l	99
70) Styrene	12.388	104	306682	20.767	ug/l	99
71) Bromoform	12.553	173	80040	22.008	ug/l #	97
73) Isopropylbenzene	12.670	105	479399	19.866	ug/l	100
74) N-amyl acetate	12.682	43	166182m	20.221	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	164541	21.091	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	173268m	22.666	ug/l	
77) Bromobenzene	12.959	156	114936	20.816	ug/l	98
78) n-propylbenzene	13.012	91	595343	20.166	ug/l	100
79) 2-Chlorotoluene	13.100	91	349294	19.374	ug/l	98
80) 1,3,5-Trimethylbenzene	13.147	105	402543	20.130	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	53683	19.922	ug/l #	91
82) 4-Chlorotoluene	13.200	91	363829	20.318	ug/l	97
83) tert-Butylbenzene	13.412	119	326421	19.202	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	406014	20.427	ug/l	97
85) sec-Butylbenzene	13.588	105	496589	20.335	ug/l	99
86) p-Isopropyltoluene	13.706	119	401181	20.034	ug/l	97
87) 1,3-Dichlorobenzene	13.706	146	218854	20.361	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	229061	20.345	ug/l	99
89) n-Butylbenzene	14.029	91	381125	19.602	ug/l	99
90) Hexachloroethane	14.306	117	72620	19.851	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	207129	20.478	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	35121	18.555	ug/l	99
93) 1,2,4-Trichlorobenzene	15.364	180	117494	19.550	ug/l	98
94) Hexachlorobutadiene	15.470	225	52408	24.267	ug/l	98
95) Naphthalene	15.611	128	385778	18.524	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	114768	19.622	ug/l	96

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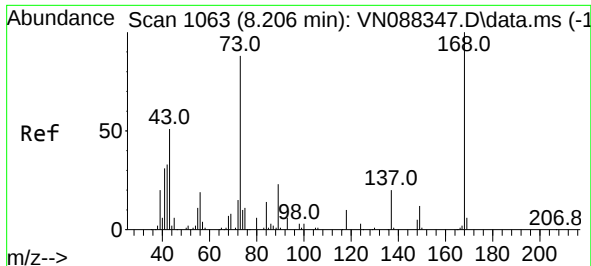
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Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

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

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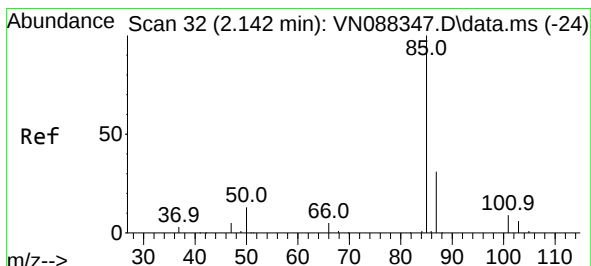
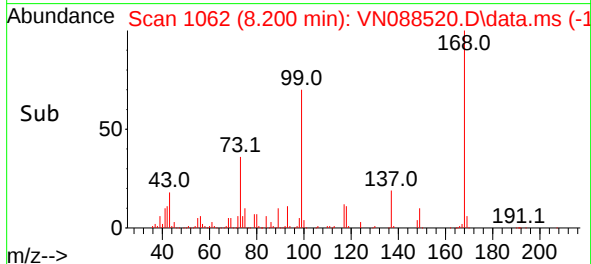
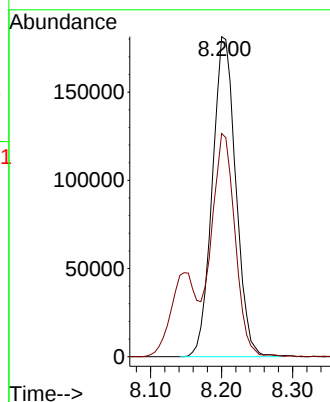
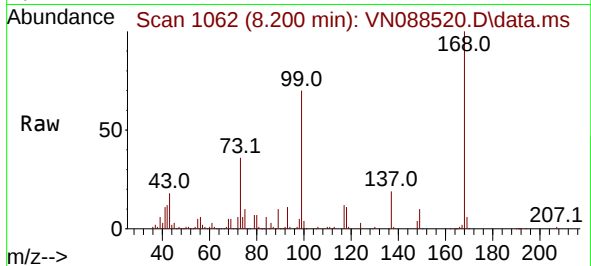




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN088520.D
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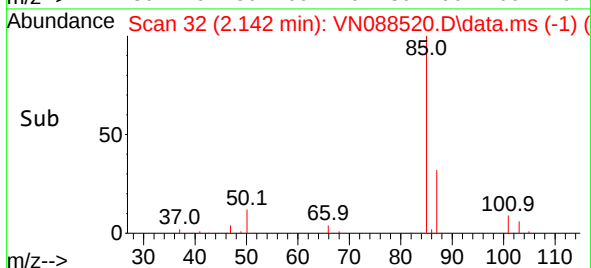
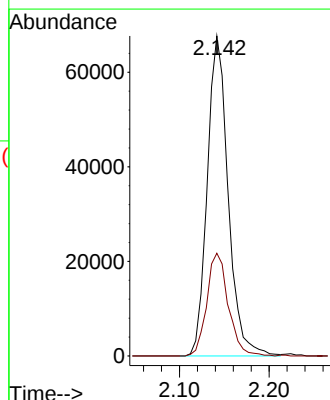
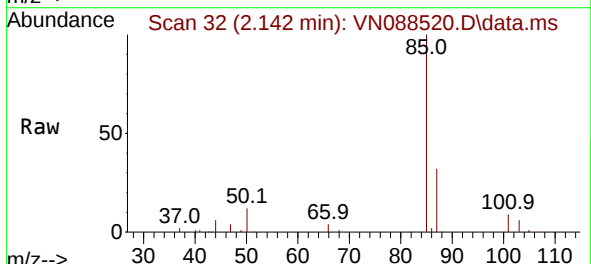
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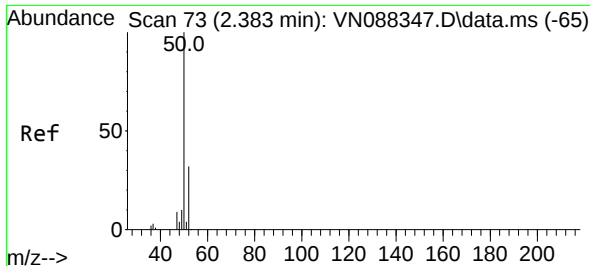
Tgt Ion:168 Resp: 415959
Ion Ratio Lower Upper
168 100
99 69.5 57.1 85.7



#2
Dichlorodifluoromethane
Concen: 17.531 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion: 85 Resp: 109528
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.7

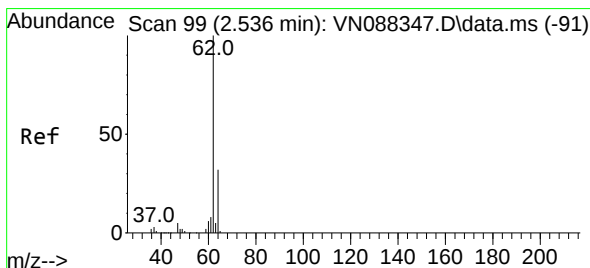
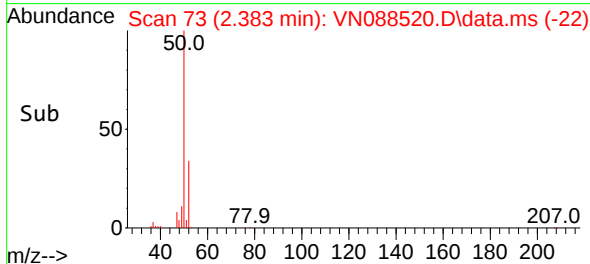
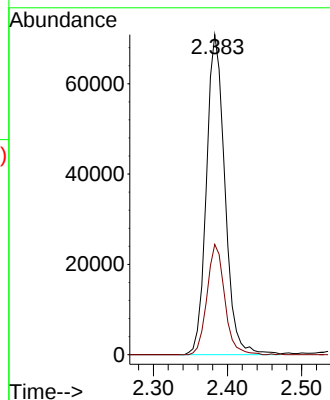
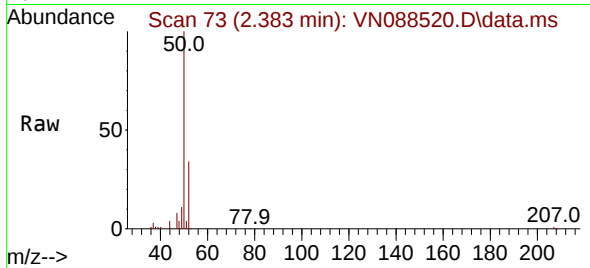




#3
Chloromethane
Concen: 18.292 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

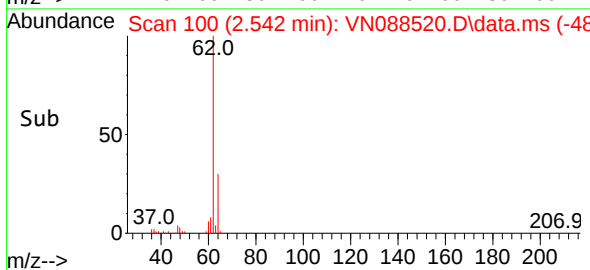
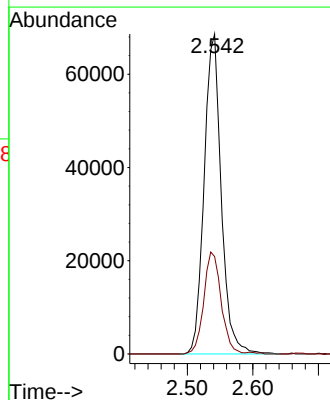
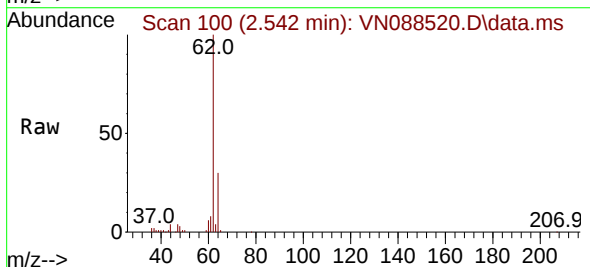
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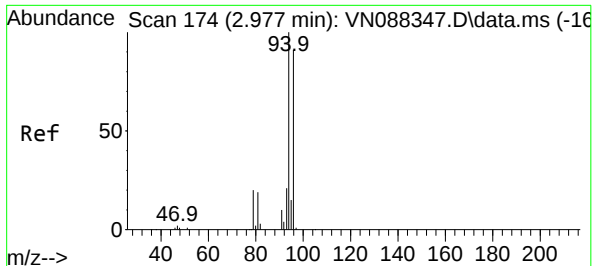
Tgt Ion: 50 Resp: 122744
Ion Ratio Lower Upper
50 100
52 34.5 25.2 37.8



#4
Vinyl Chloride
Concen: 18.258 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion: 62 Resp: 124640
Ion Ratio Lower Upper
62 100
64 30.5 25.4 38.2

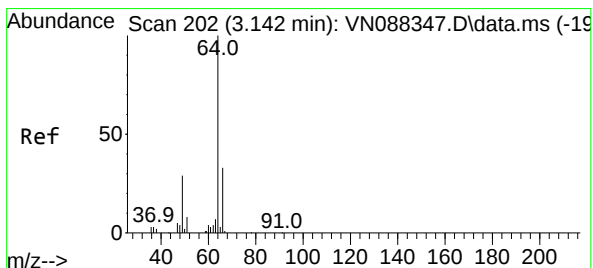
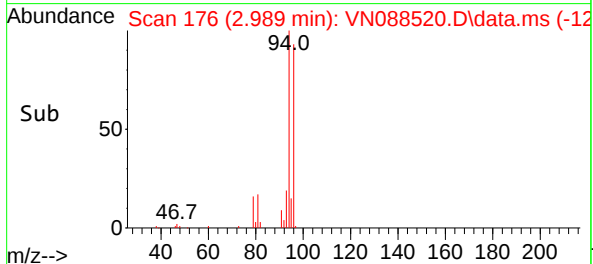
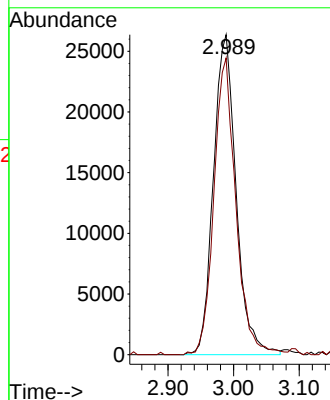
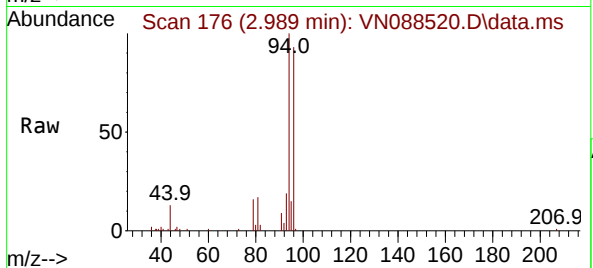




#5
Bromomethane
Concen: 19.256 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

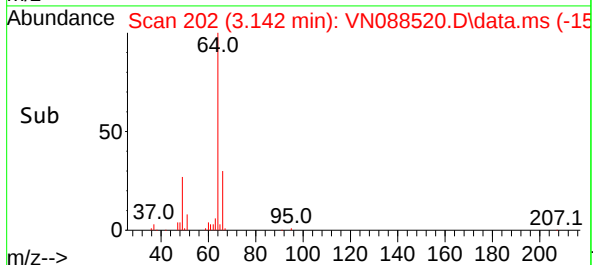
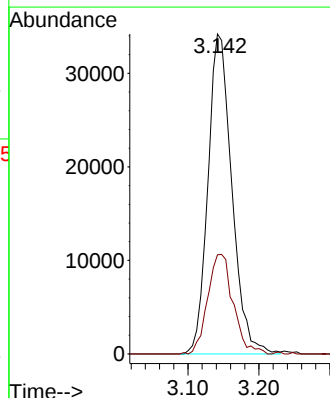
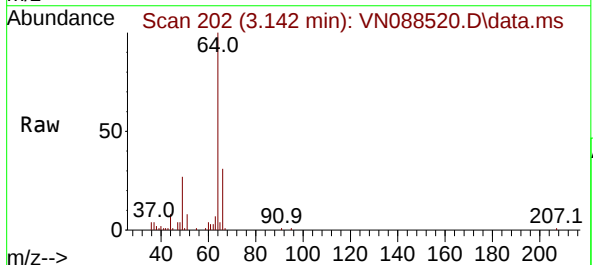
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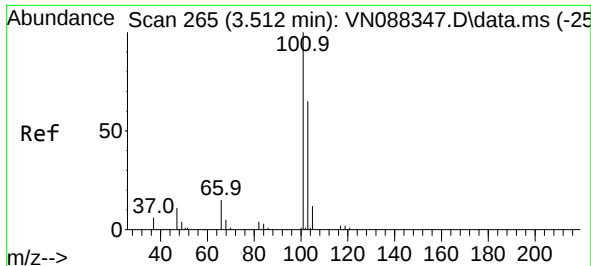
Tgt Ion: 94 Resp: 63268
Ion Ratio Lower Upper
94 100
96 92.7 73.2 109.8



#6
Chloroethane
Concen: 18.934 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion: 64 Resp: 79985
Ion Ratio Lower Upper
64 100
66 31.0 26.4 39.6

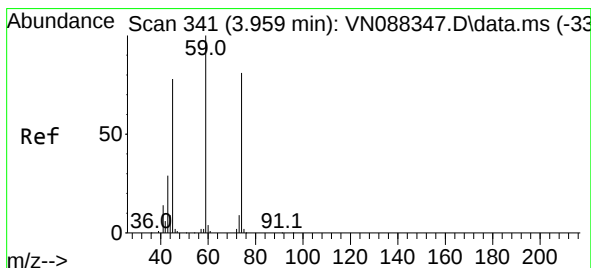
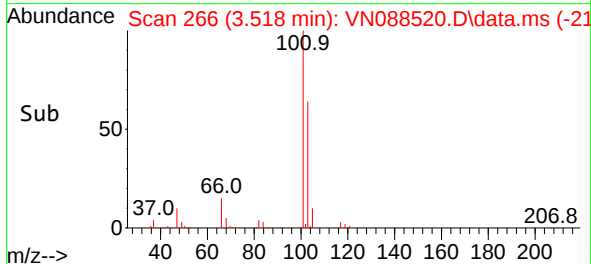
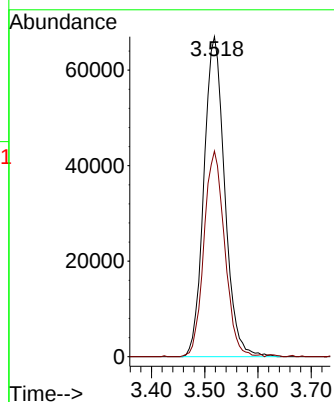
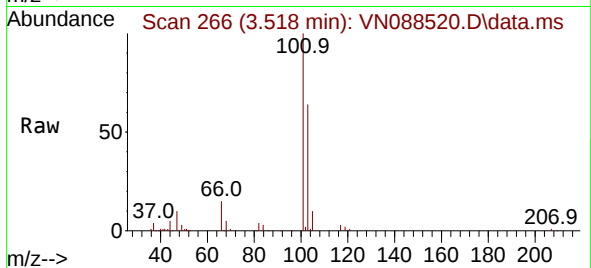




#7
 Trichlorofluoromethane
 Concen: 18.945 ug/l
 RT: 3.518 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN088520.D
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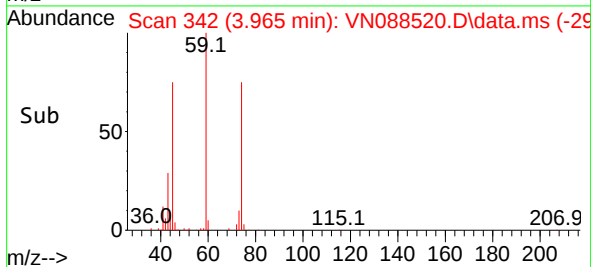
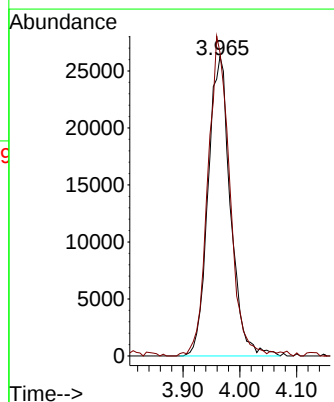
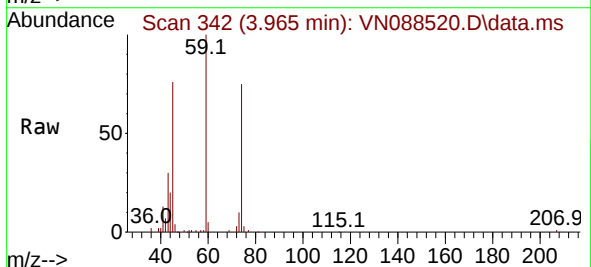
Instrument :
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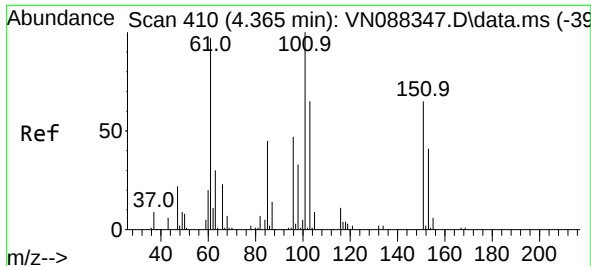
Tgt Ion:101 Resp: 181770
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.3 78.5



#8
 Diethyl Ether
 Concen: 20.005 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN088520.D
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Tgt Ion: 74 Resp: 72041
 Ion Ratio Lower Upper
 74 100
 45 104.0 54.2 162.6

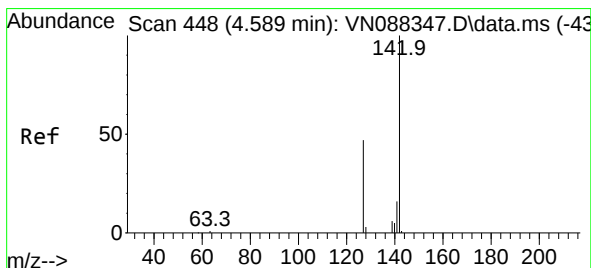
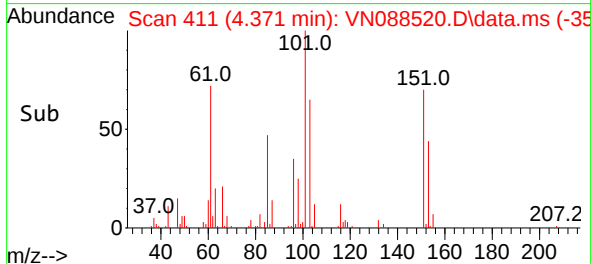
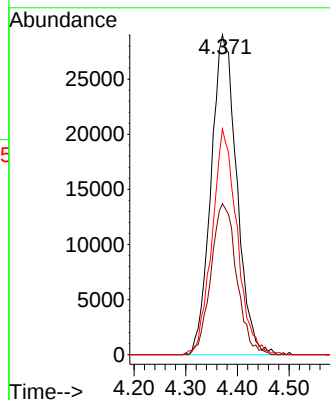
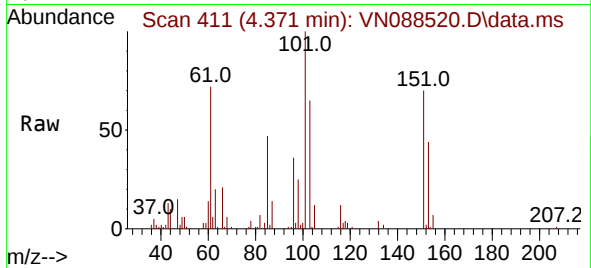




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.626 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

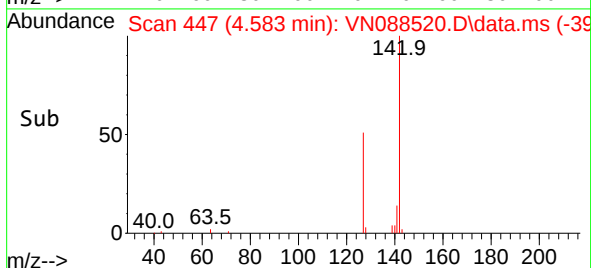
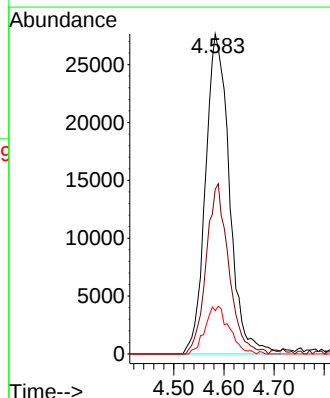
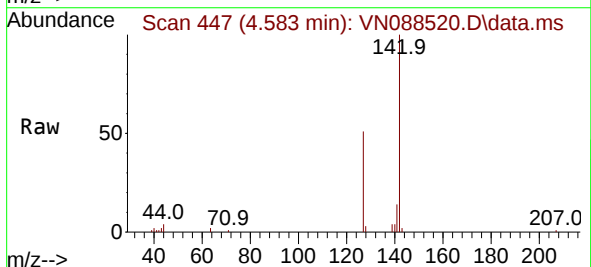
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS02

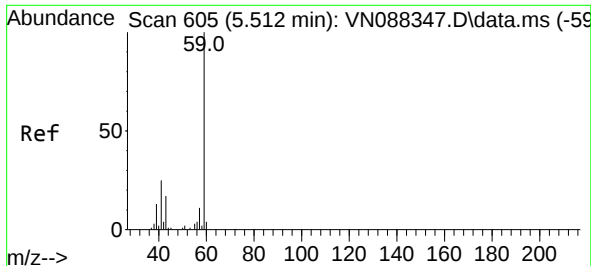
Tgt Ion:101 Resp: 100242
Ion Ratio Lower Upper
101 100
85 47.2 39.2 58.8
151 68.6 53.6 80.4



#10
Methyl Iodide
Concen: 18.124 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion:142 Resp: 91643
Ion Ratio Lower Upper
142 100
127 51.4 37.9 56.9
141 13.6 12.4 18.6

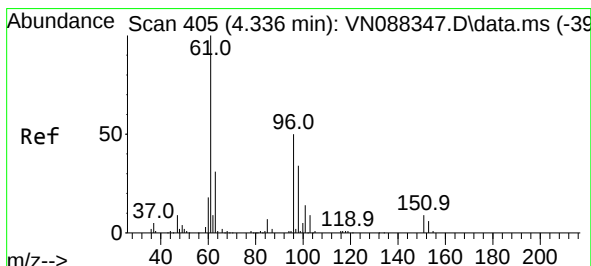
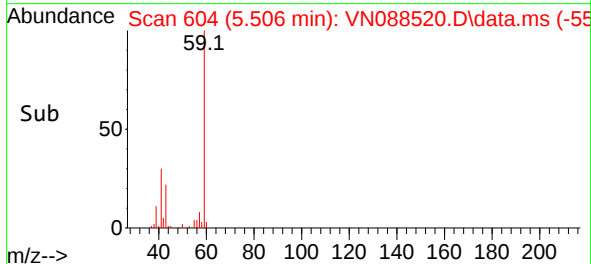
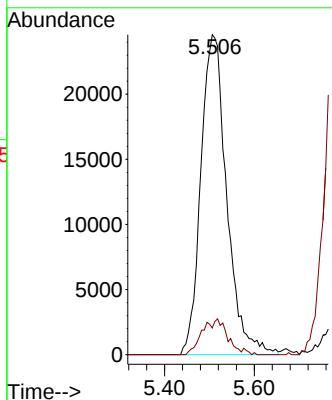
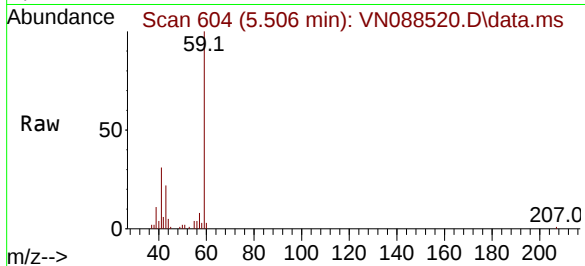




#11
Tert butyl alcohol
Concen: 78.673 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

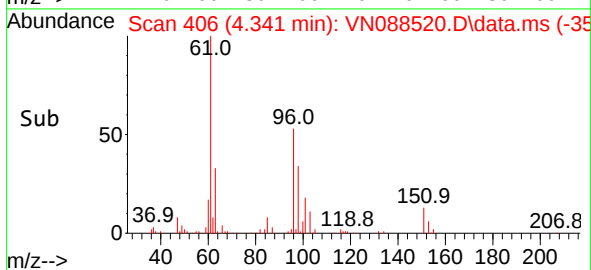
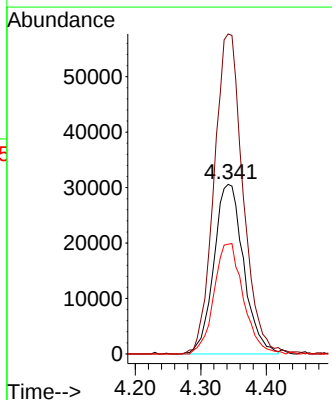
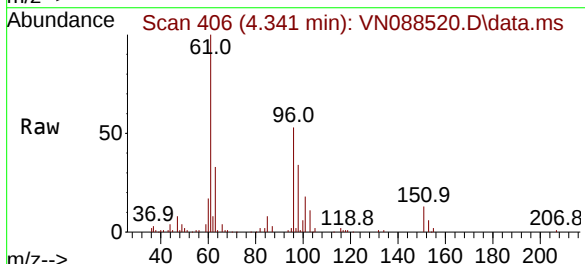
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS02

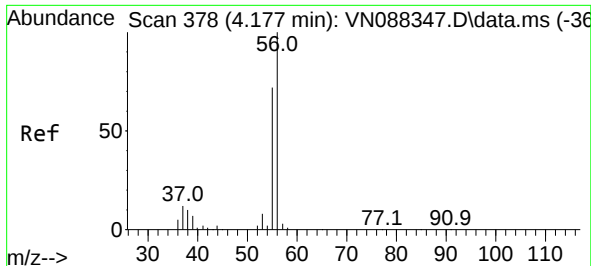
Tgt Ion: 59 Resp: 98423
Ion Ratio Lower Upper
59 100
57 5.0 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 18.933 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion: 96 Resp: 96082
Ion Ratio Lower Upper
96 100
61 188.7 159.1 238.7
98 64.7 53.7 80.5





#13

Acrolein

Concen: 66.483 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN088520.D

Acq: 16 Dec 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

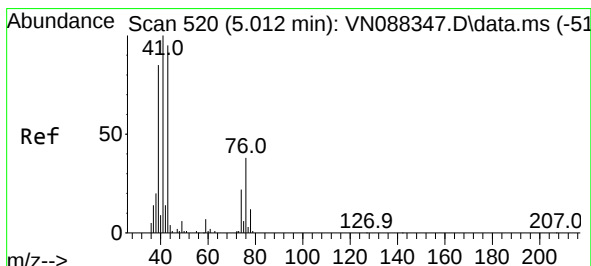
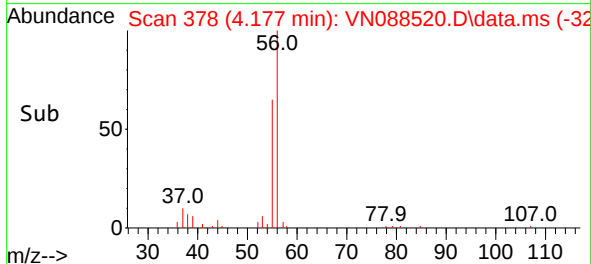
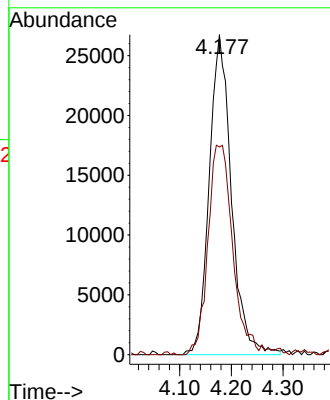
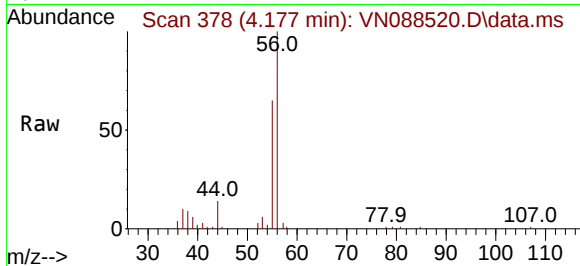
VN1216WBS02

Tgt Ion: 56 Resp: 79628

Ion Ratio Lower Upper

56 100

55 72.5 56.3 84.5



#14

Allyl chloride

Concen: 17.214 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN088520.D

Acq: 16 Dec 2025 12:07

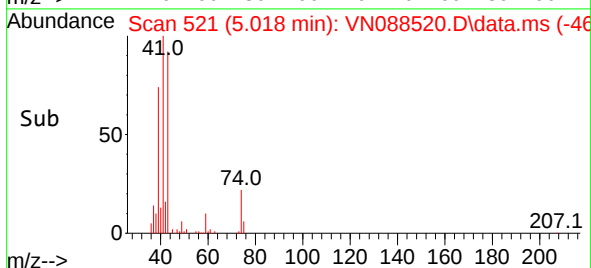
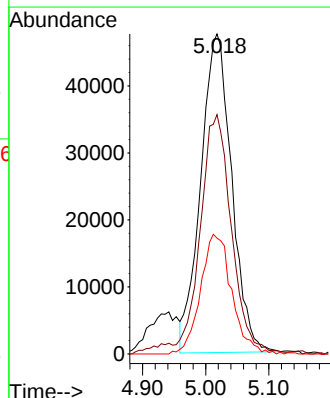
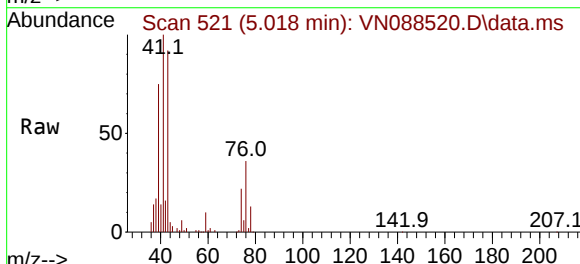
Tgt Ion: 41 Resp: 161916

Ion Ratio Lower Upper

41 100

39 77.7 64.7 97.1

76 37.8 29.1 43.7

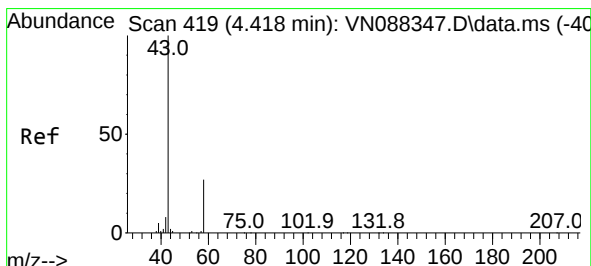
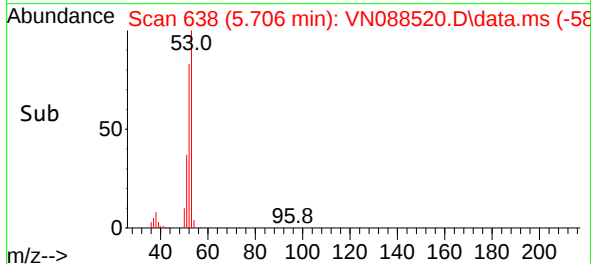
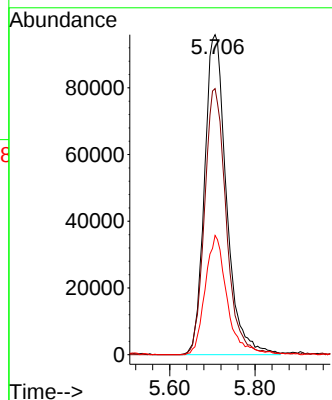
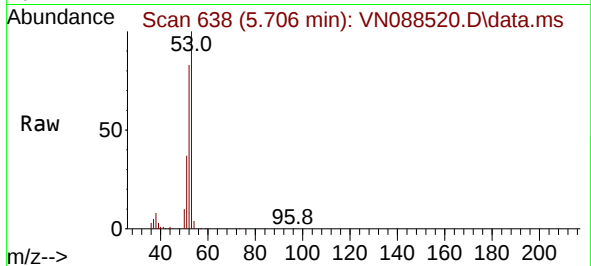




#15
Acrylonitrile
Concen: 95.039 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

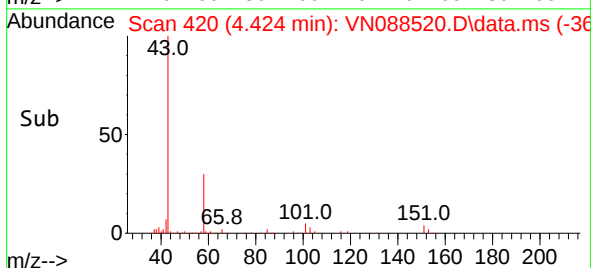
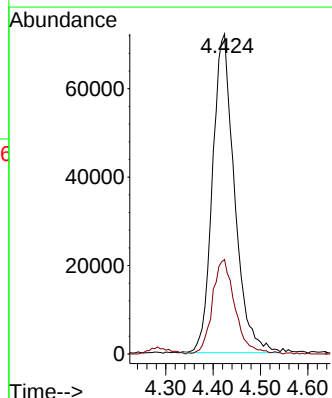
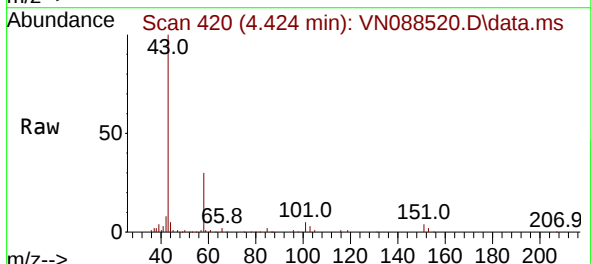
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS02

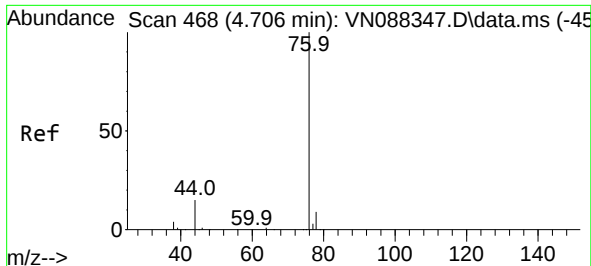
Tgt Ion: 53 Resp: 343041
Ion Ratio Lower Upper
53 100
52 82.6 67.8 101.6
51 36.9 29.8 44.8



#16
Acetone
Concen: 82.058 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion: 43 Resp: 232541
Ion Ratio Lower Upper
43 100
58 29.3 21.7 32.5

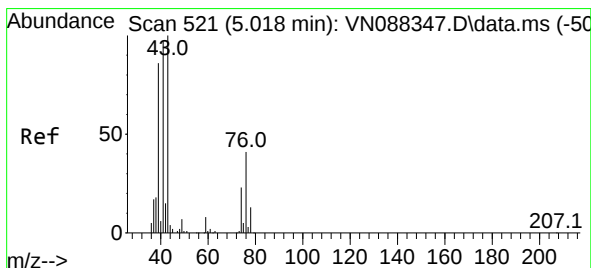
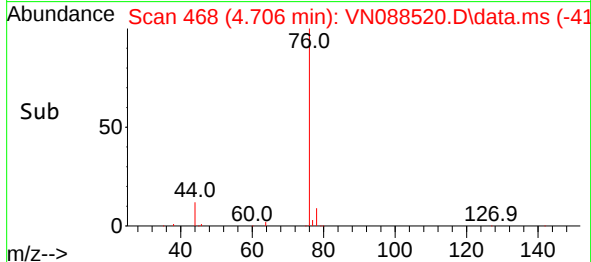
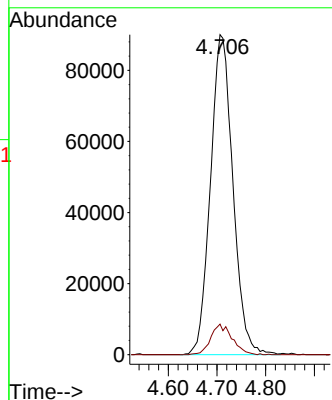
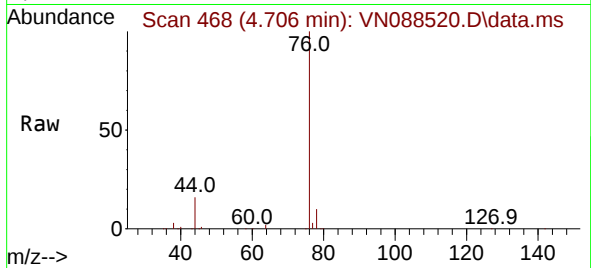




#17
Carbon Disulfide
Concen: 17.386 ug/l
RT: 4.706 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

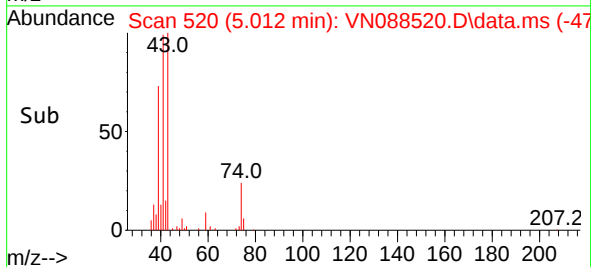
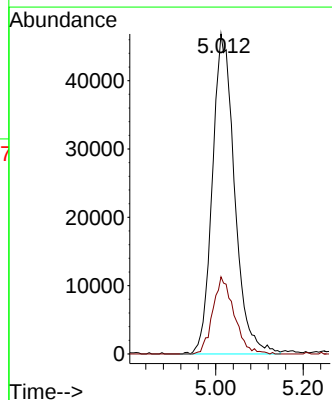
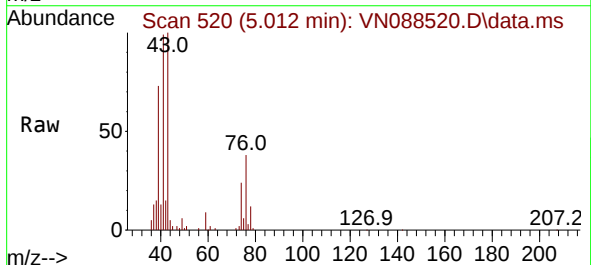
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS02

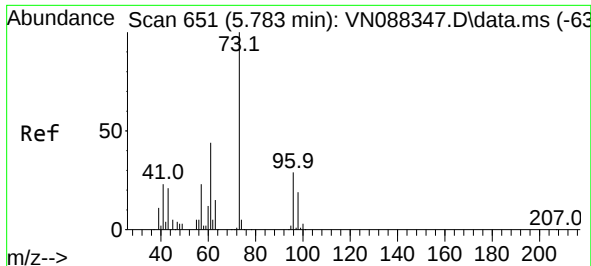
Tgt Ion: 76 Resp: 288320
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4



#18
Methyl Acetate
Concen: 19.582 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion: 43 Resp: 165179
Ion Ratio Lower Upper
43 100
74 23.1 17.9 26.9

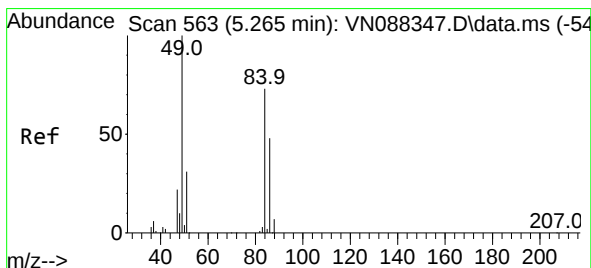
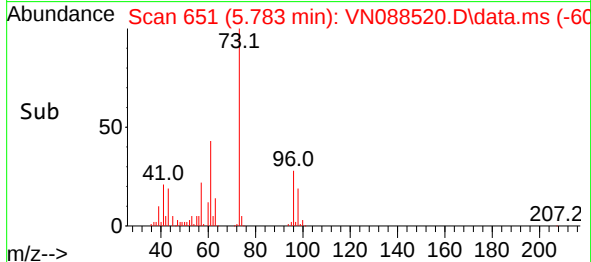
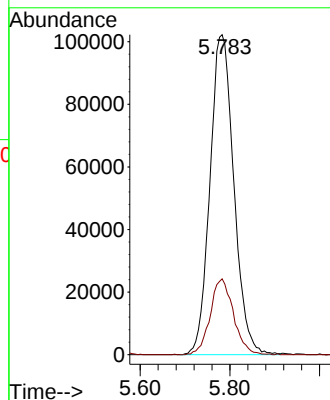
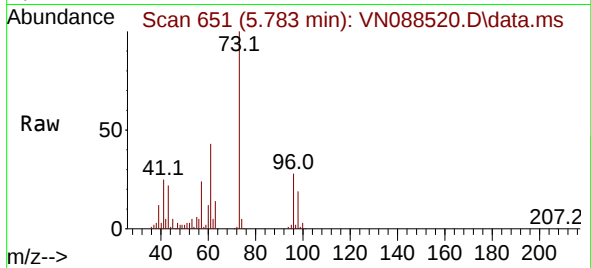




#19
Methyl tert-butyl Ether
Concen: 19.903 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

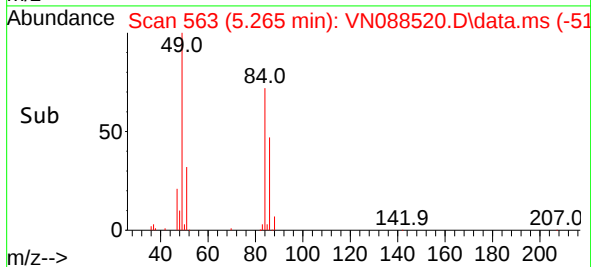
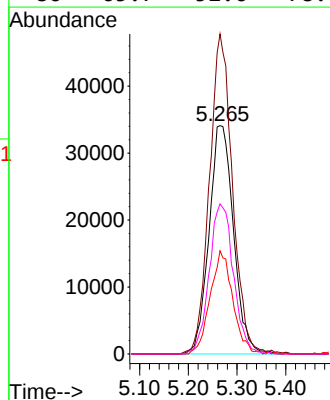
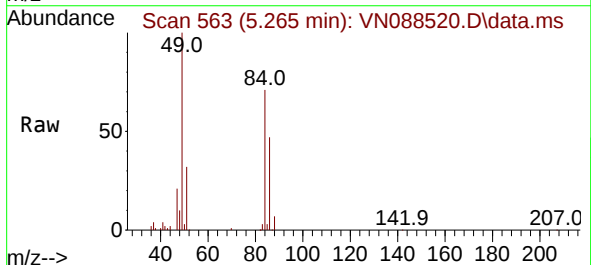
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS02

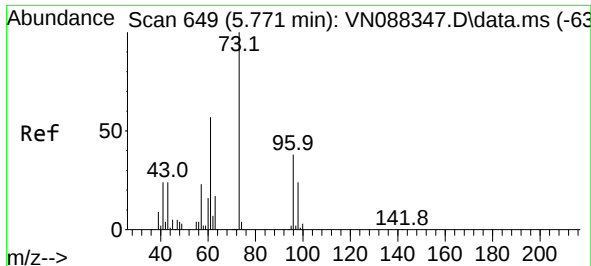
Tgt Ion: 73 Resp: 378412
Ion Ratio Lower Upper
73 100
57 23.7 18.6 28.0



#20
Methylene Chloride
Concen: 19.628 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion: 84 Resp: 119007
Ion Ratio Lower Upper
84 100
49 140.2 110.2 165.2
51 45.2 34.1 51.1
86 65.7 52.6 78.8

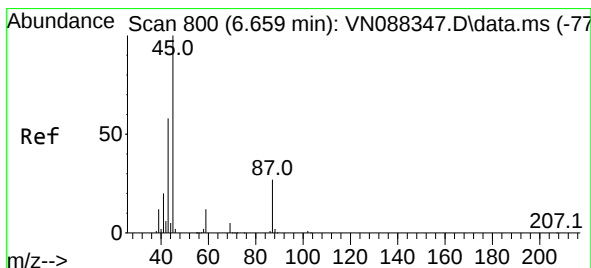
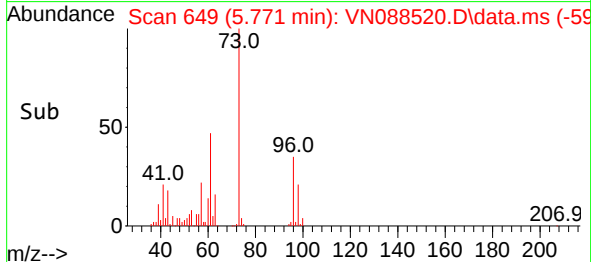
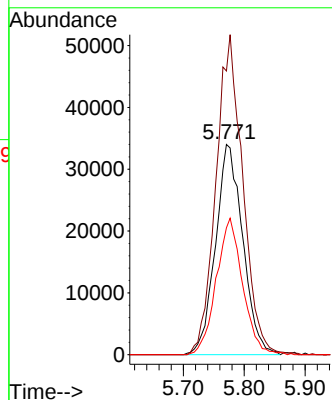
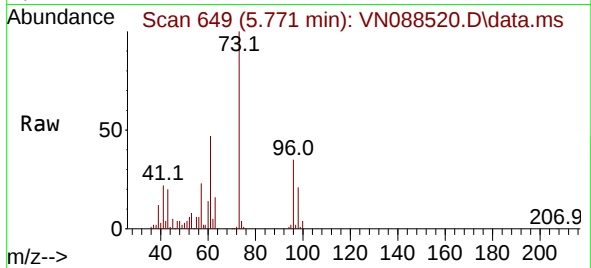




#21
trans-1,2-Dichloroethene
Concen: 18.817 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

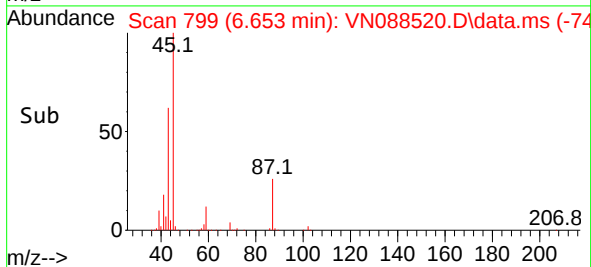
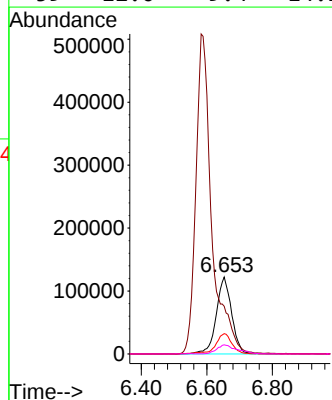
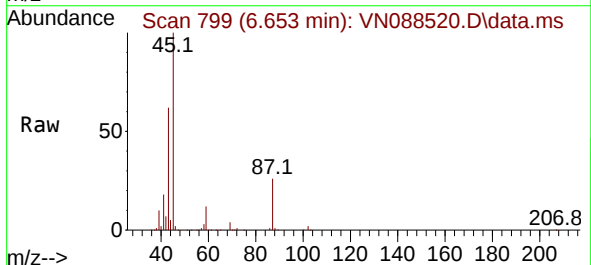
Instrument :
MSVOA_N
ClientSampleId :
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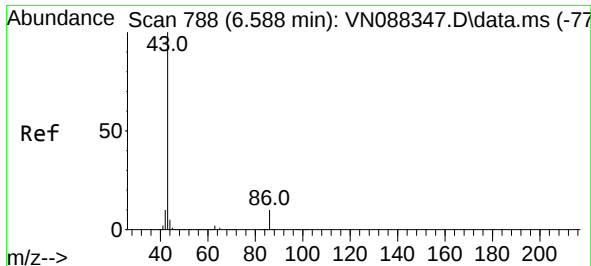
Tgt Ion: 96 Resp: 105782
Ion Ratio Lower Upper
96 100
61 134.9 122.4 183.6
98 60.3 50.9 76.3



#22
Diisopropyl ether
Concen: 19.719 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion: 45 Resp: 395991
Ion Ratio Lower Upper
45 100
43 61.6 47.4 71.2
87 26.4 21.9 32.9
59 12.0 9.4 14.2

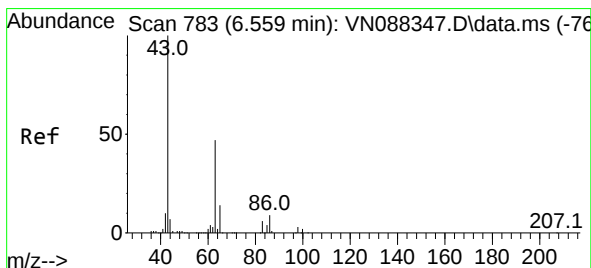
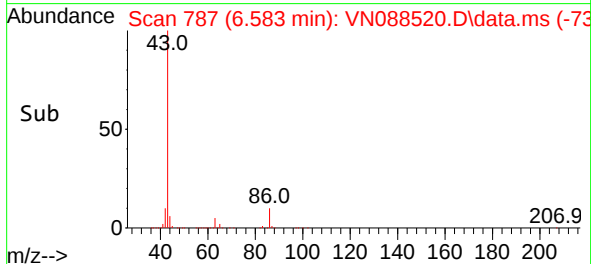
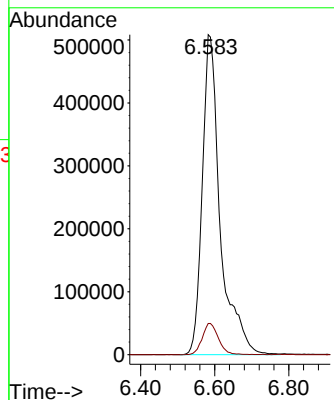
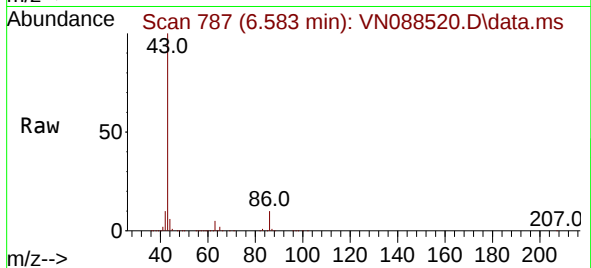




#23
 Vinyl Acetate
 Concen: 105.605 ug/l
 RT: 6.583 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN088520.D
 Acq: 16 Dec 2025 12:07

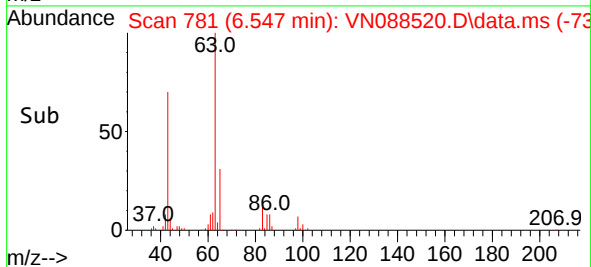
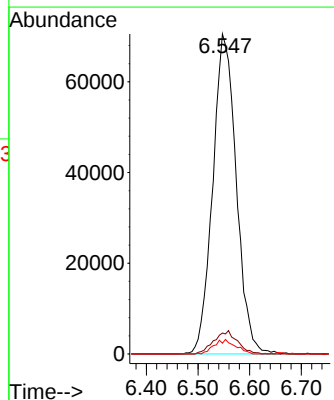
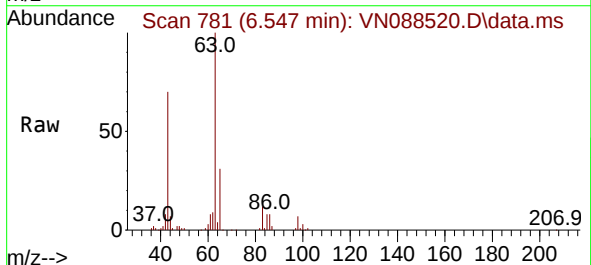
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS02

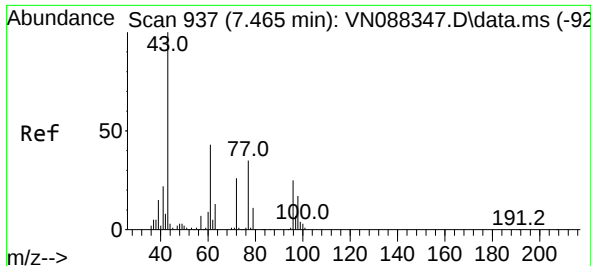
Tgt Ion: 43 Resp: 1708603
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 19.635 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.012 min
 Lab File: VN088520.D
 Acq: 16 Dec 2025 12:07

Tgt Ion: 63 Resp: 223289
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.2
 100 3.3 1.9 5.7

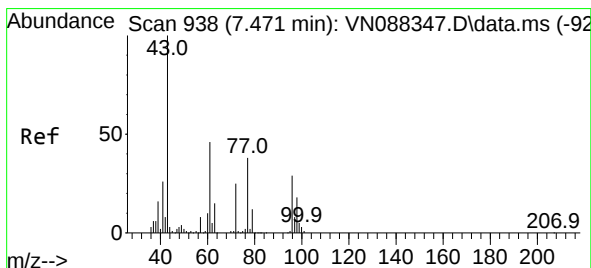
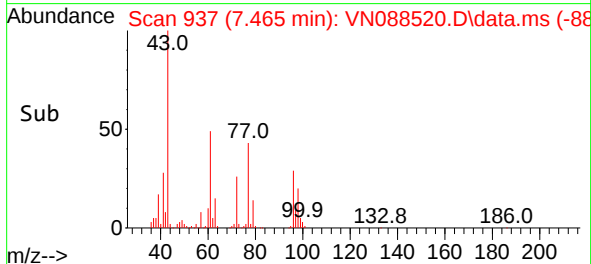
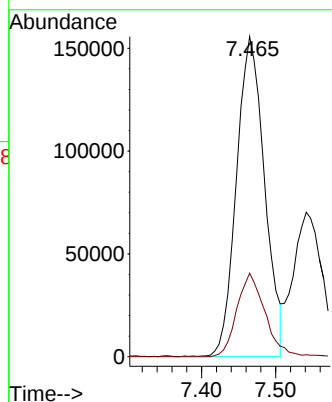
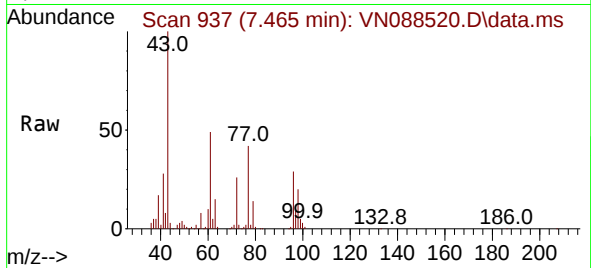




#25
2-Butanone
Concen: 90.048 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

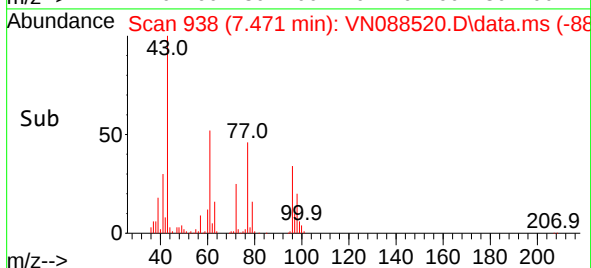
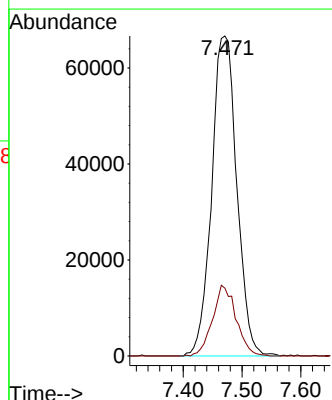
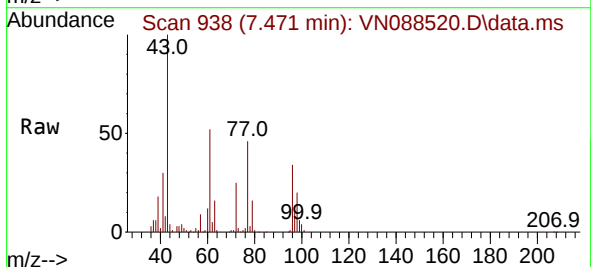
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ClientSampleId :
VN1216WBS02

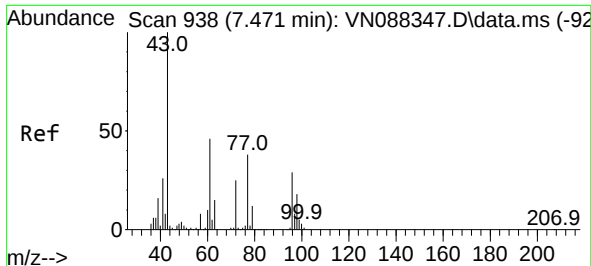
Tgt Ion: 43 Resp: 410238
Ion Ratio Lower Upper
43 100
72 26.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 20.166 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion: 77 Resp: 197953
Ion Ratio Lower Upper
77 100
97 20.7 10.3 30.9

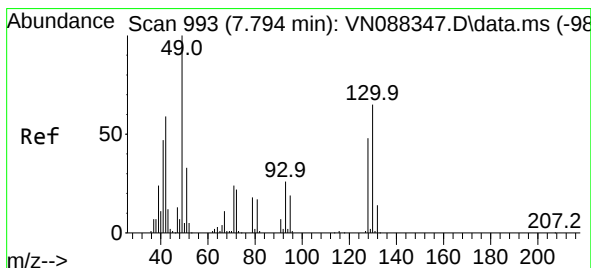
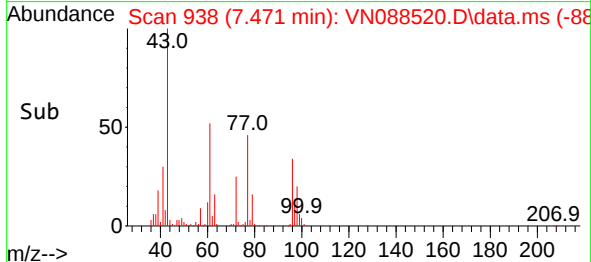
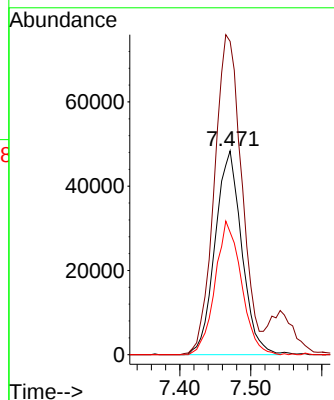
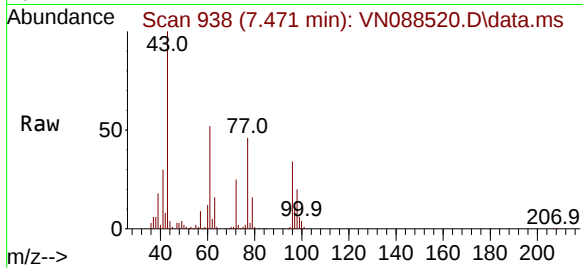




#27
 cis-1,2-Dichloroethene
 Concen: 19.262 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088520.D
 Acq: 16 Dec 2025 12:07

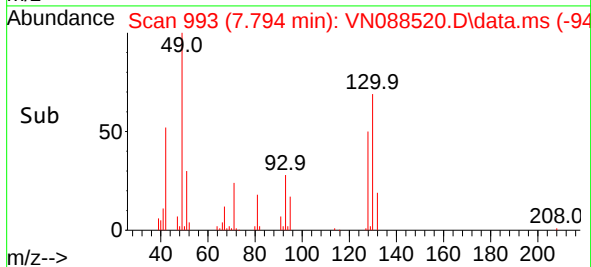
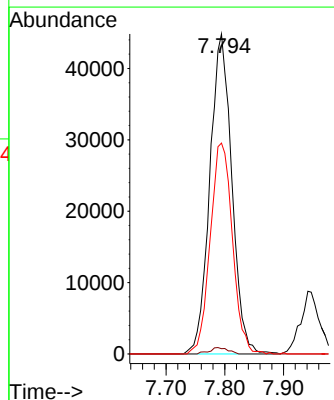
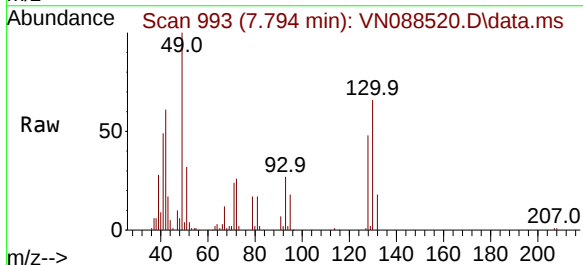
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS02

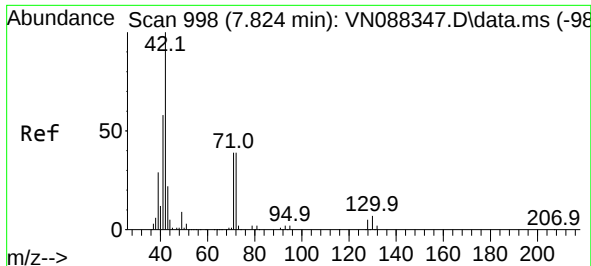
Tgt Ion: 96 Resp: 125844
 Ion Ratio Lower Upper
 96 100
 61 162.0 0.0 323.6
 98 64.8 0.0 127.2



#28
 Bromochloromethane
 Concen: 20.531 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VN088520.D
 Acq: 16 Dec 2025 12:07

Tgt Ion: 49 Resp: 116307
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 66.7 51.1 76.7





#29

Tetrahydrofuran

Concen: 92.762 ug/l

RT: 7.818 min Scan# 998

Delta R.T. -0.006 min

Lab File: VN088520.D

Acq: 16 Dec 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS02

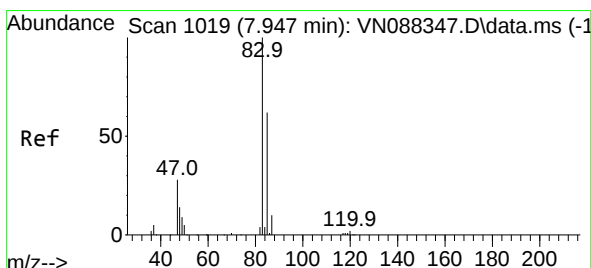
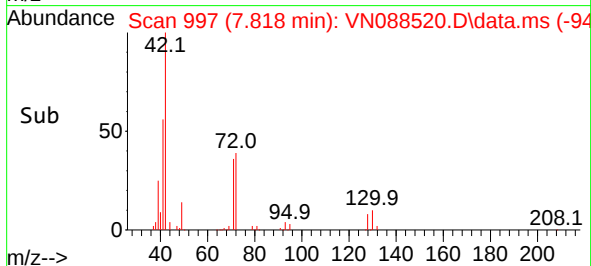
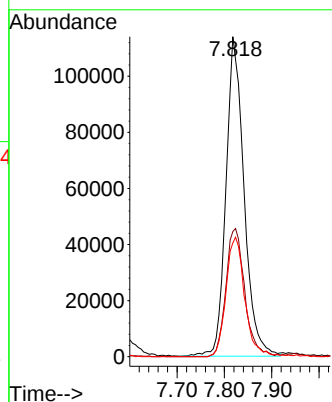
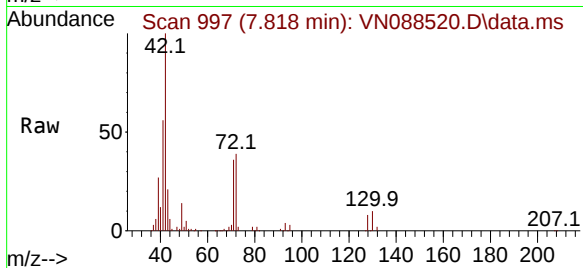
Tgt Ion: 42 Resp: 303118

Ion Ratio Lower Upper

42 100

72 41.7 32.2 48.4

71 38.8 31.1 46.7



#30

Chloroform

Concen: 20.289 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN088520.D

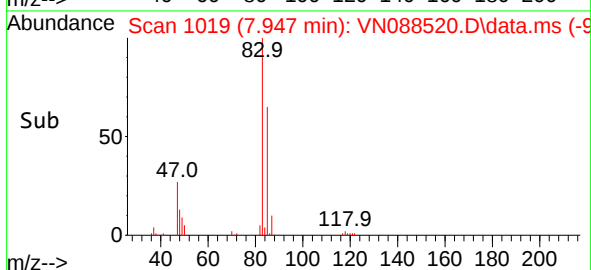
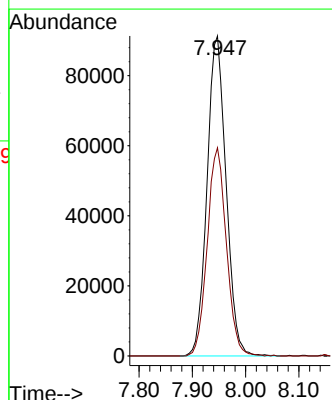
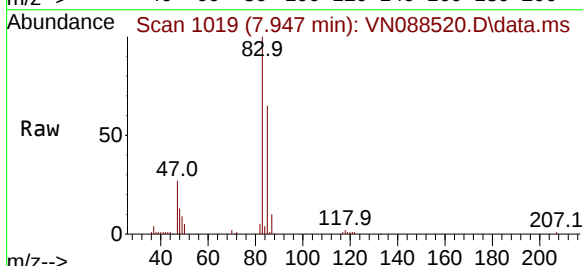
Acq: 16 Dec 2025 12:07

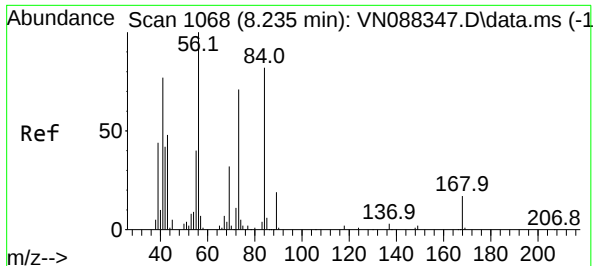
Tgt Ion: 83 Resp: 226715

Ion Ratio Lower Upper

83 100

85 65.0 49.8 74.8

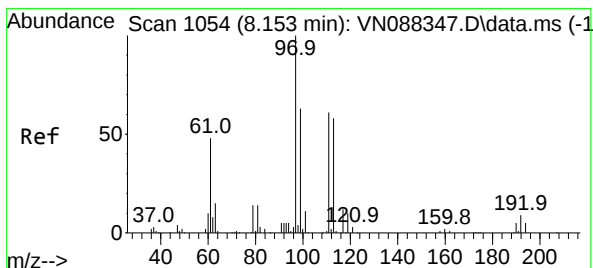
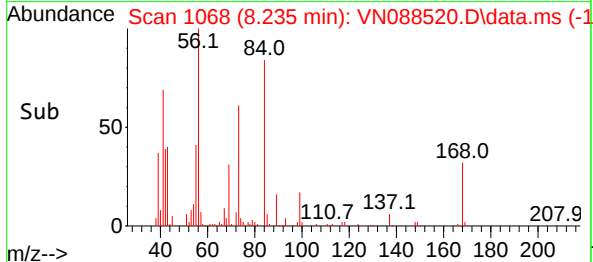
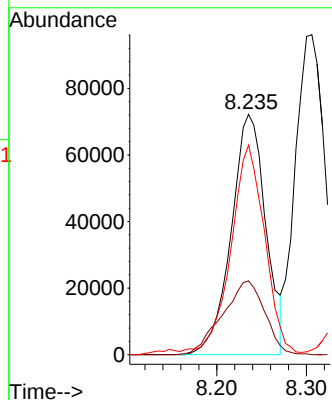
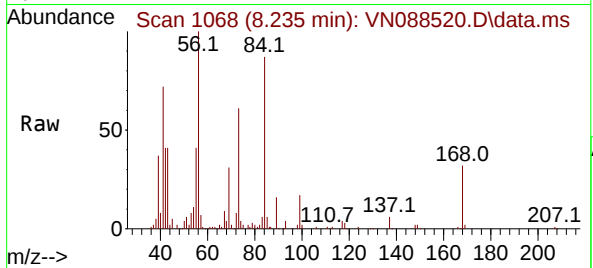




#31
Cyclohexane
Concen: 18.739 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

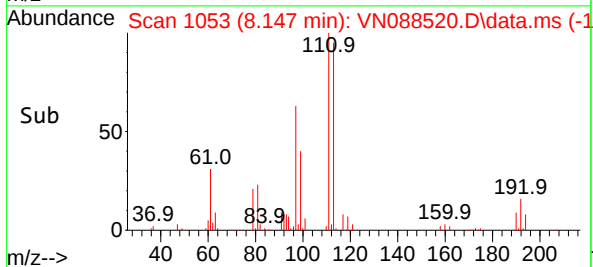
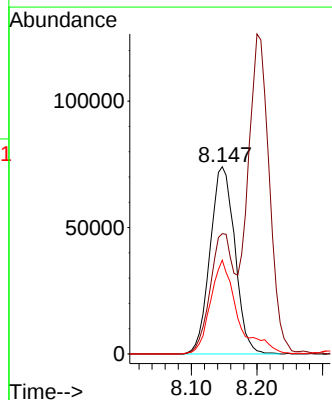
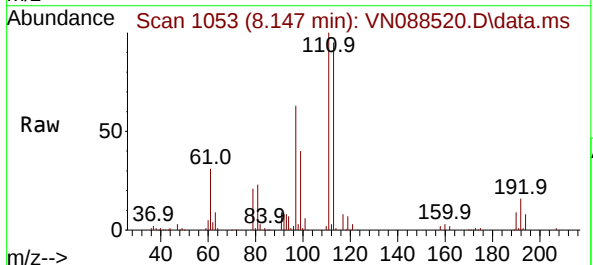
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS02

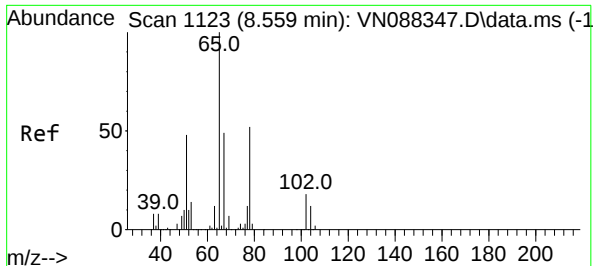
Tgt Ion: 56 Resp: 193116
Ion Ratio Lower Upper
56 100
69 30.5 25.3 37.9
84 85.9 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 19.791 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion: 97 Resp: 194446
Ion Ratio Lower Upper
97 100
99 62.9 50.8 76.2
61 54.9 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 52.301 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088520.D

Acq: 16 Dec 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

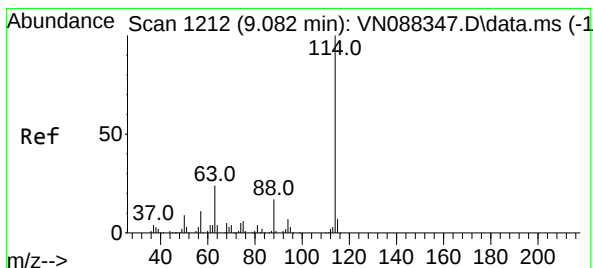
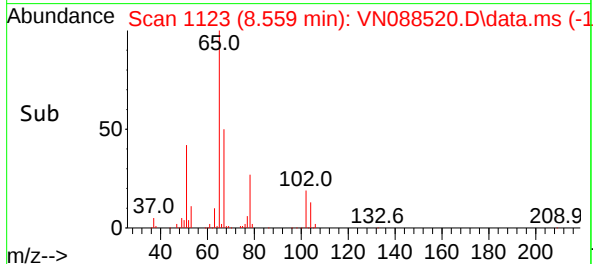
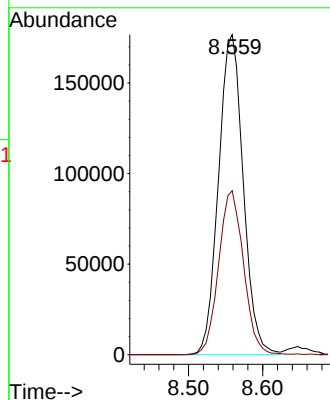
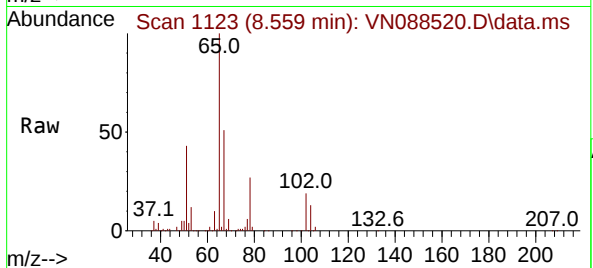
VN1216WBS02

Tgt Ion: 65 Resp: 409821

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.076 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088520.D

Acq: 16 Dec 2025 12:07

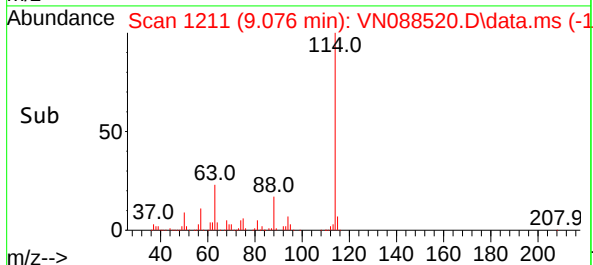
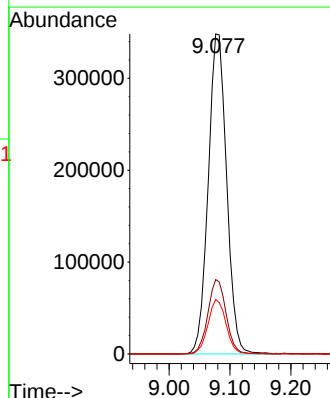
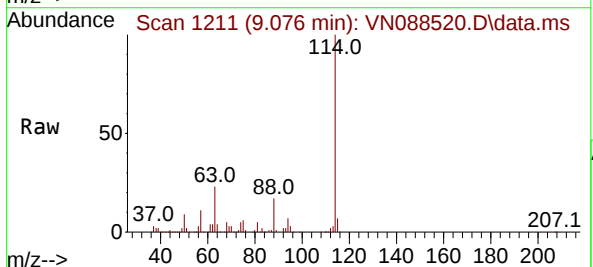
Tgt Ion:114 Resp: 731821

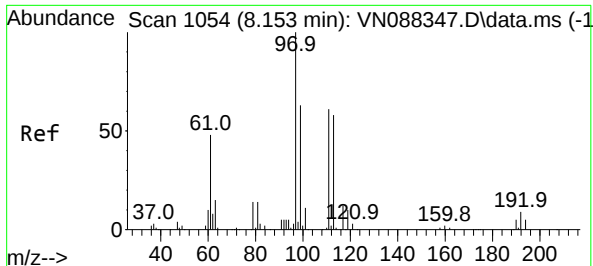
Ion Ratio Lower Upper

114 100

63 23.3 0.0 49.0

88 17.0 0.0 34.0





#35

Dibromofluoromethane

Concen: 55.680 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088520.D

Acq: 16 Dec 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS02

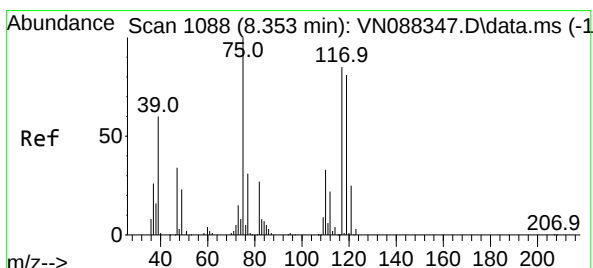
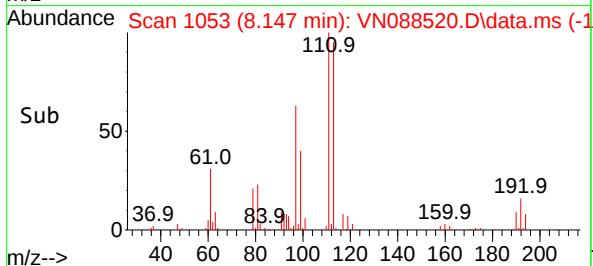
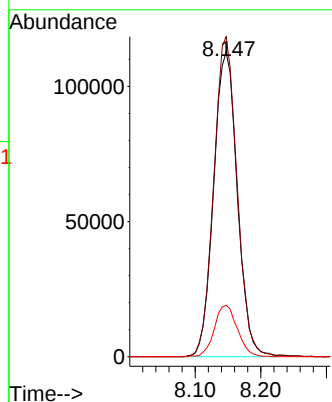
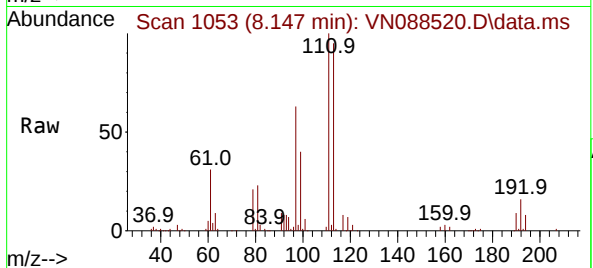
Tgt Ion:113 Resp: 282378

Ion Ratio Lower Upper

113 100

111 103.3 82.5 123.7

192 16.4 12.8 19.2



#36

1,1-Dichloropropene

Concen: 19.332 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. -0.006 min

Lab File: VN088520.D

Acq: 16 Dec 2025 12:07

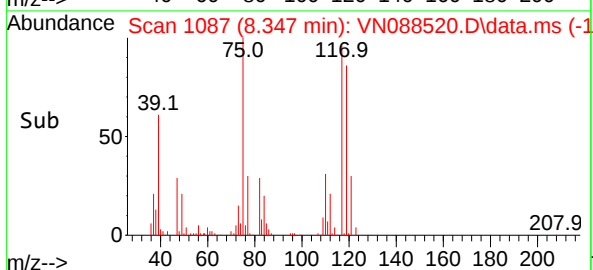
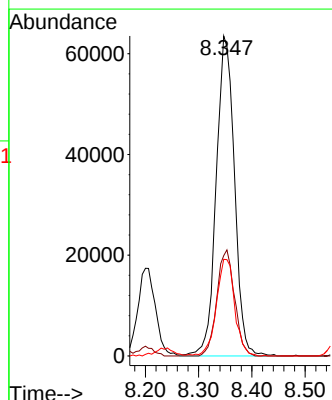
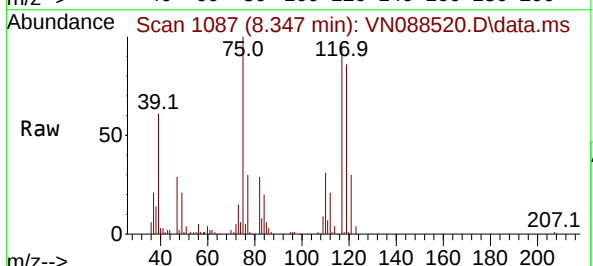
Tgt Ion: 75 Resp: 151307

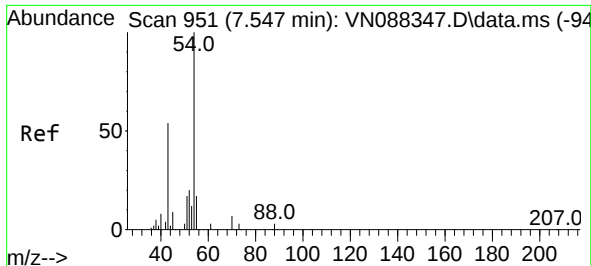
Ion Ratio Lower Upper

75 100

110 32.1 15.8 47.4

77 30.3 24.2 36.2

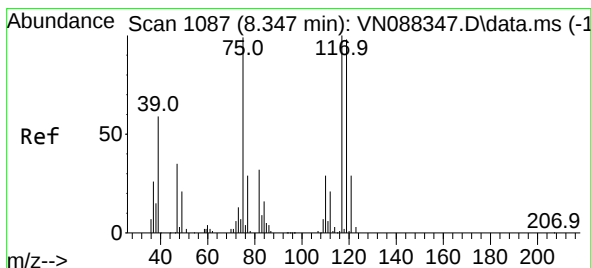
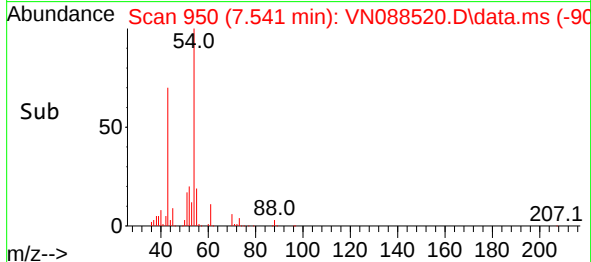
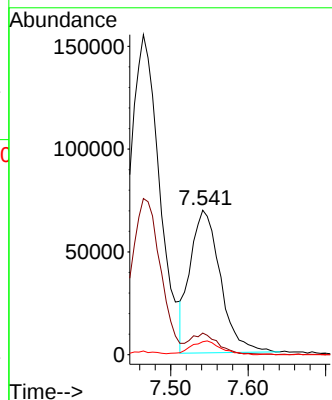
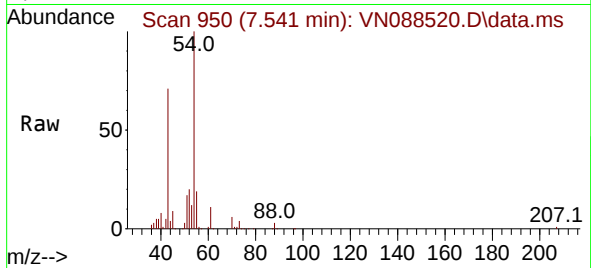




#37
Ethyl Acetate
Concen: 18.242 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

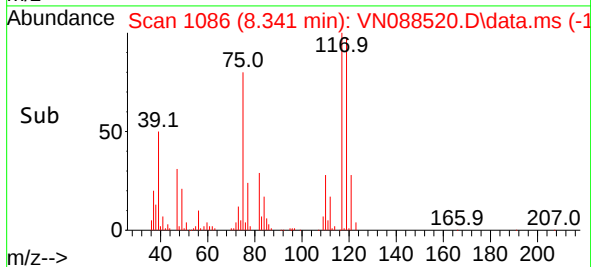
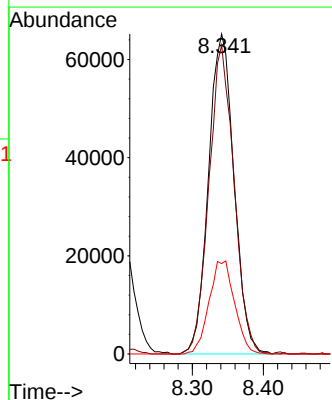
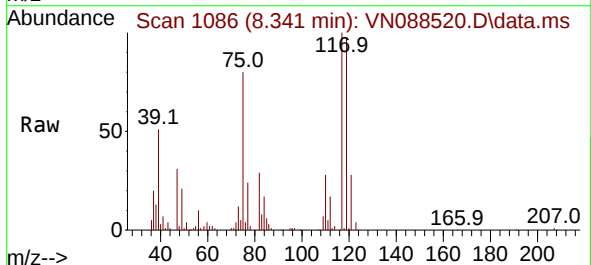
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS02

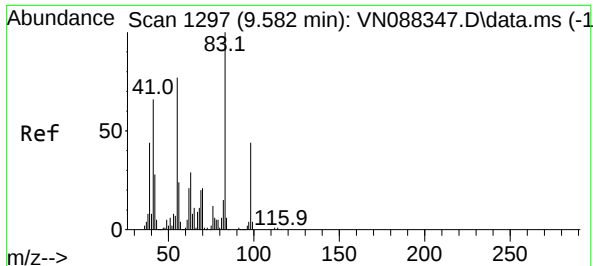
Tgt Ion: 43 Resp: 187737
Ion Ratio Lower Upper
43 100
61 13.7 9.5 14.3
70 9.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 20.868 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion: 117 Resp: 162598
Ion Ratio Lower Upper
117 100
119 96.5 78.2 117.4
121 28.2 23.4 35.2





#39

Methylcyclohexane

Concen: 18.790 ug/l

RT: 9.576 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN088520.D

Acq: 16 Dec 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS02

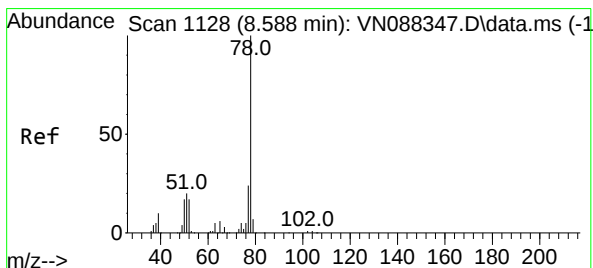
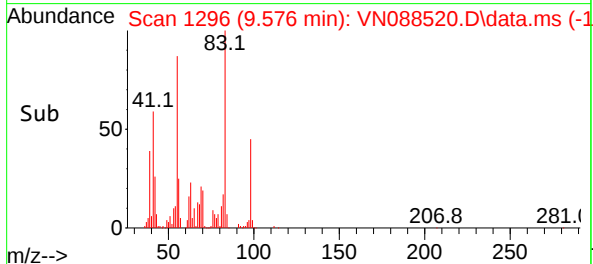
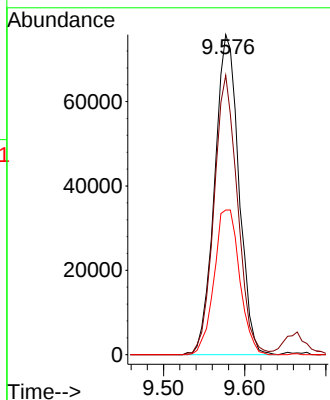
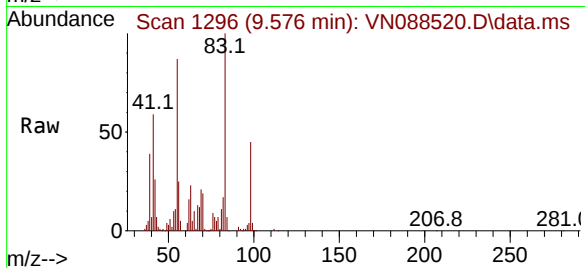
Tgt Ion: 83 Resp: 157313

Ion Ratio Lower Upper

83 100

55 87.3 61.6 92.4

98 45.2 35.3 52.9



#40

Benzene

Concen: 20.344 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088520.D

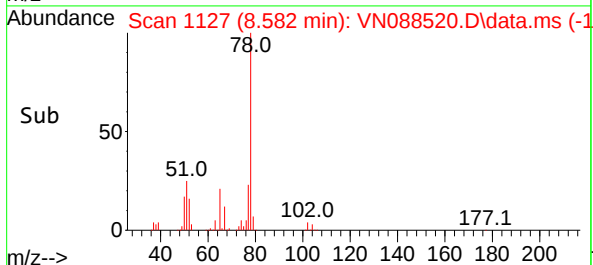
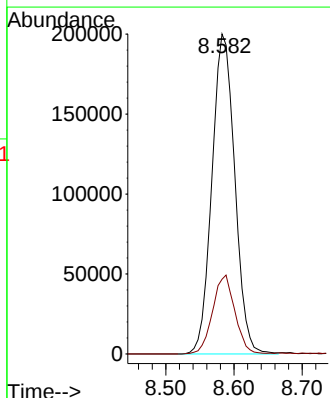
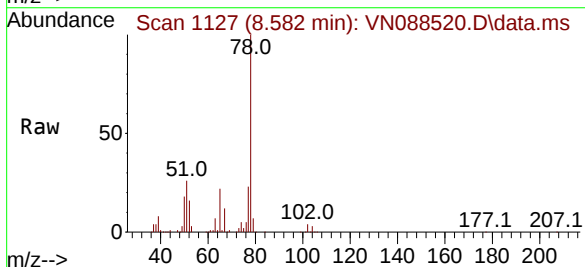
Acq: 16 Dec 2025 12:07

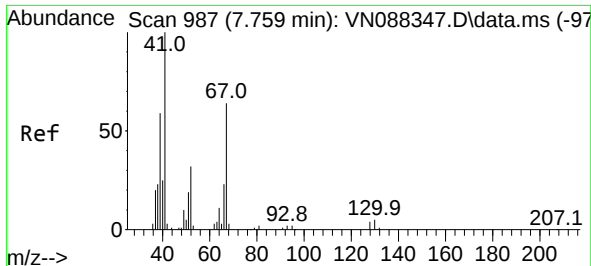
Tgt Ion: 78 Resp: 467334

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.4

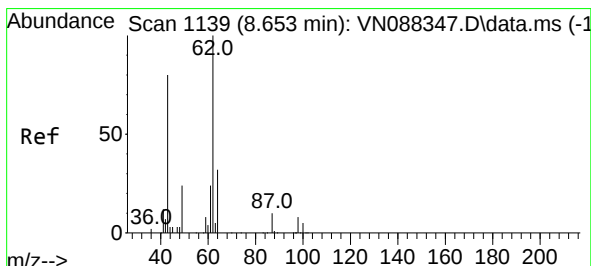
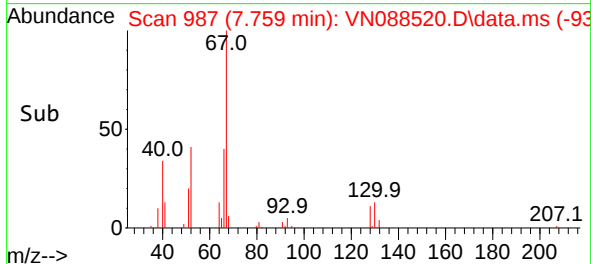
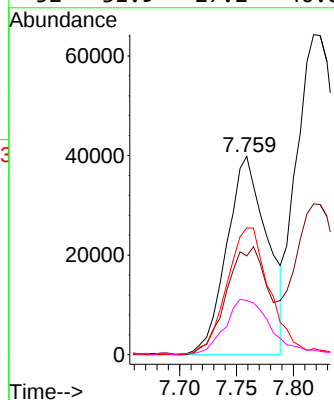
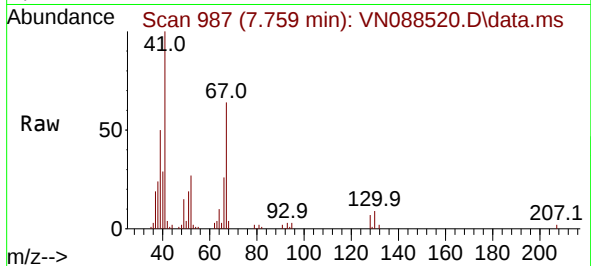




#41
Methacrylonitrile
Concen: 19.434 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

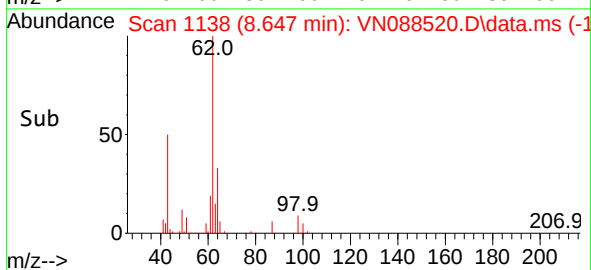
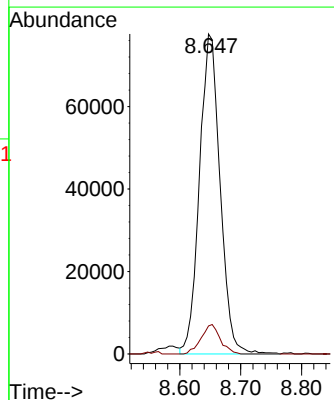
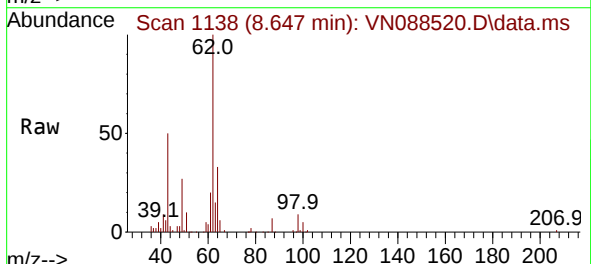
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS02

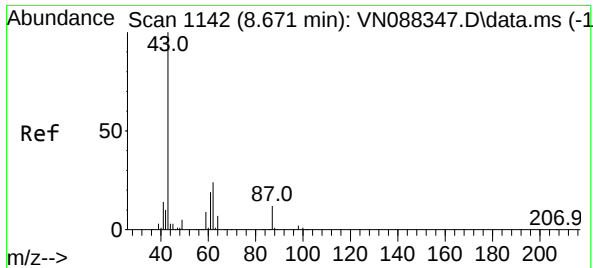
Tgt Ion:	41	Resp:	99061
Ion	Ratio	Lower	Upper
41	100		
39	53.8	46.3	69.5
67	68.3	54.7	82.1
52	31.9	27.2	40.8



#42
1,2-Dichloroethane
Concen: 20.836 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion:	62	Resp:	182614
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.2

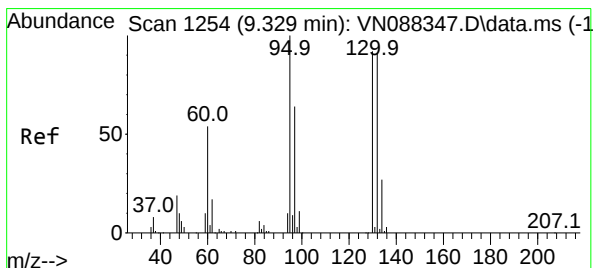
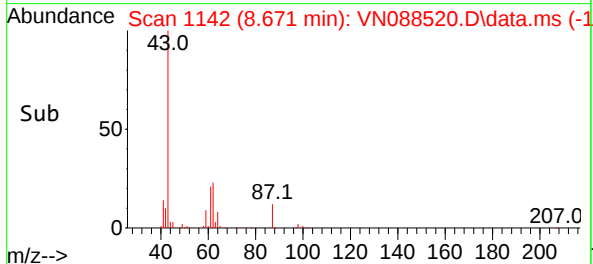
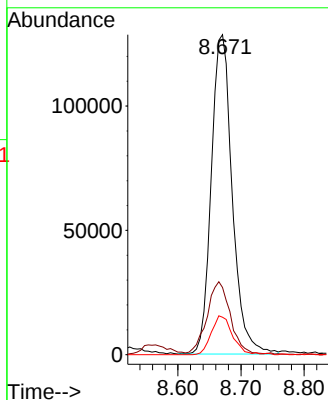
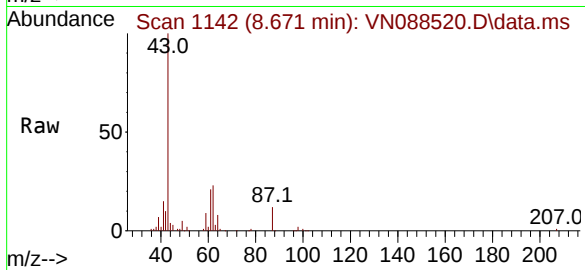




#43
Isopropyl Acetate
Concen: 18.882 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

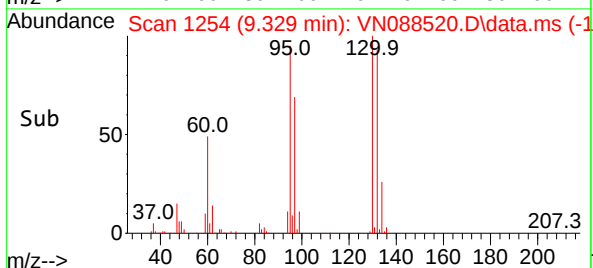
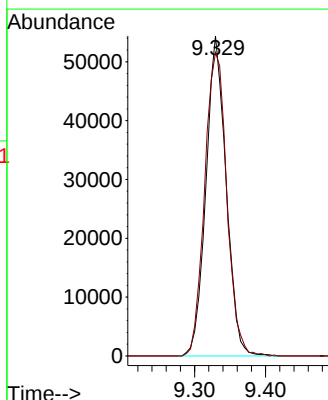
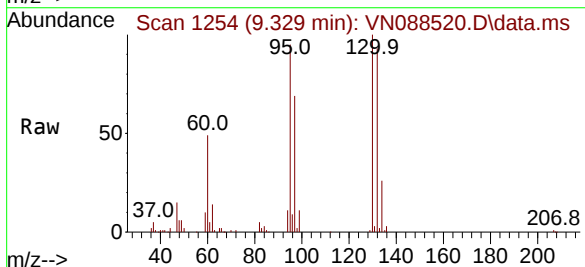
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS02

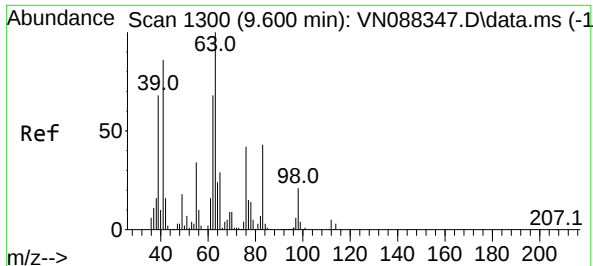
Tgt Ion: 43 Resp: 296897
Ion Ratio Lower Upper
43 100
61 24.9 18.7 28.1
87 12.3 9.1 13.7



#44
Trichloroethene
Concen: 19.794 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion:130 Resp: 107442
Ion Ratio Lower Upper
130 100
95 94.9 0.0 217.0





#45

1,2-Dichloropropane

Concen: 20.428 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088520.D

Acq: 16 Dec 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

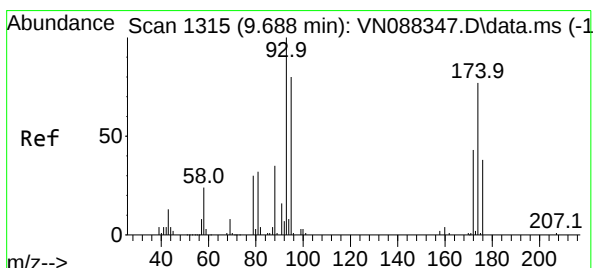
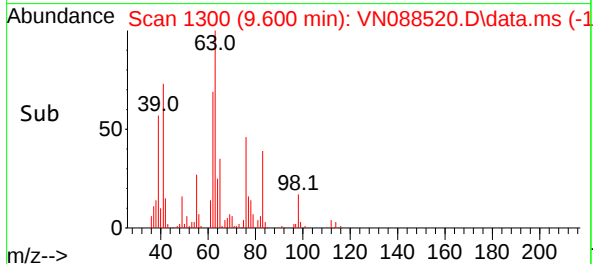
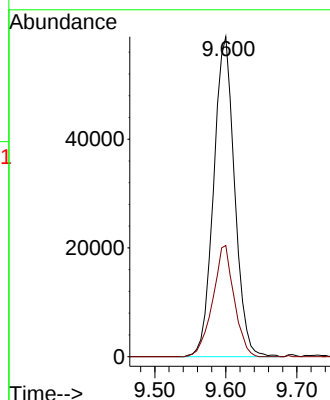
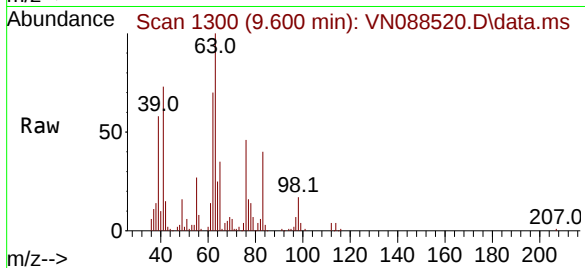
VN1216WBS02

Tgt Ion: 63 Resp: 120231

Ion Ratio Lower Upper

63 100

65 34.7 23.0 34.4#



#46

Dibromomethane

Concen: 20.896 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VN088520.D

Acq: 16 Dec 2025 12:07

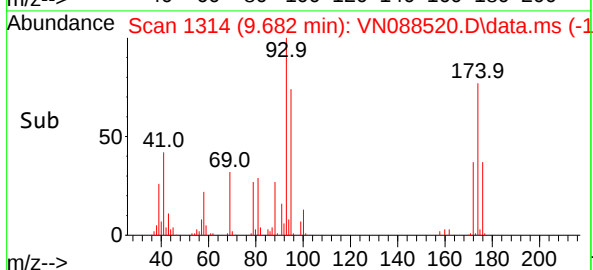
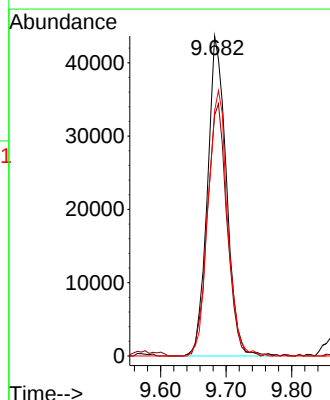
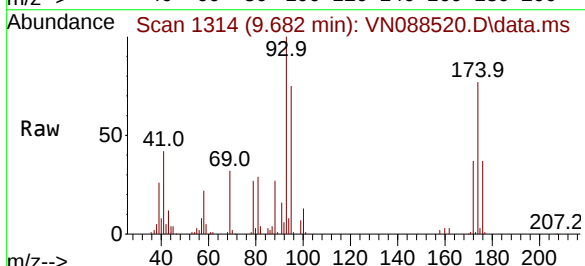
Tgt Ion: 93 Resp: 87769

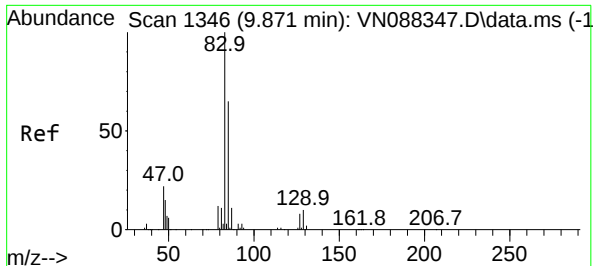
Ion Ratio Lower Upper

93 100

95 81.4 65.8 98.6

174 85.4 64.3 96.5





#47

Bromodichloromethane

Concen: 20.651 ug/l

RT: 9.865 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088520.D

Acq: 16 Dec 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS02

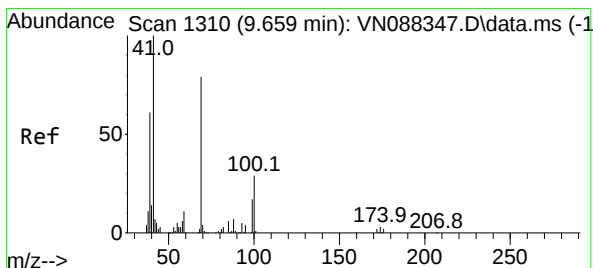
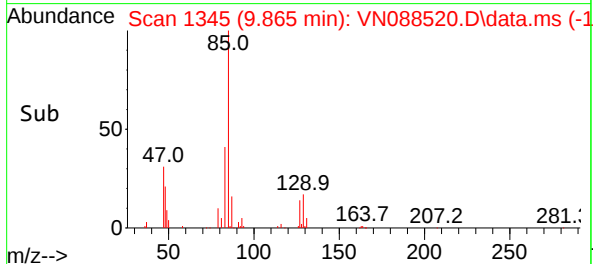
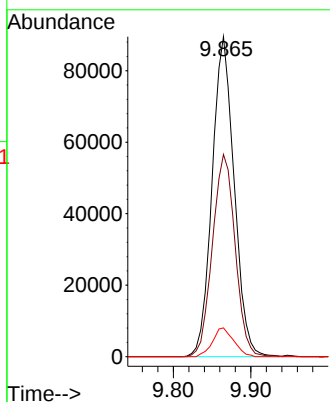
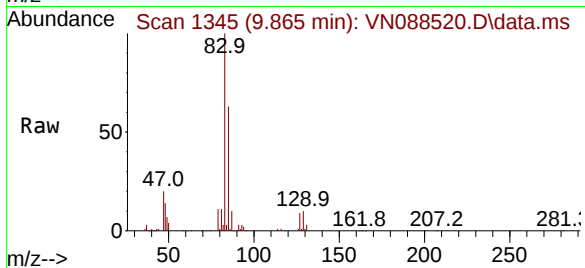
Tgt Ion: 83 Resp: 176988

Ion Ratio Lower Upper

83 100

85 63.2 51.9 77.9

127 9.0 6.3 9.5



#48

Methyl methacrylate

Concen: 18.920 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VN088520.D

Acq: 16 Dec 2025 12:07

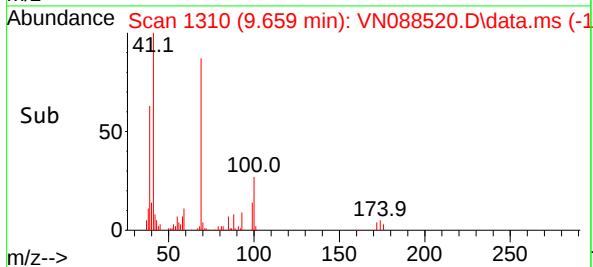
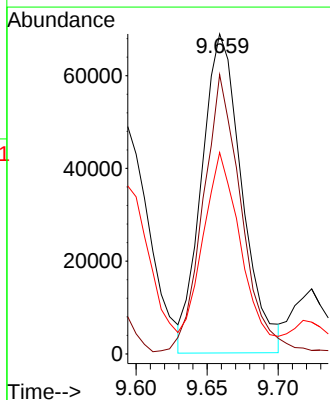
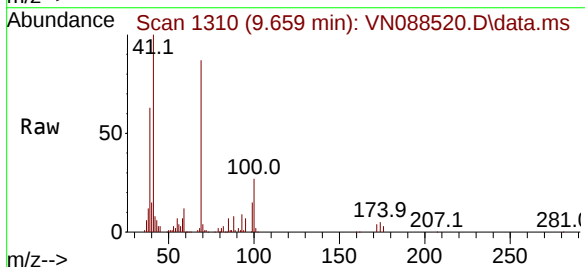
Tgt Ion: 41 Resp: 135738

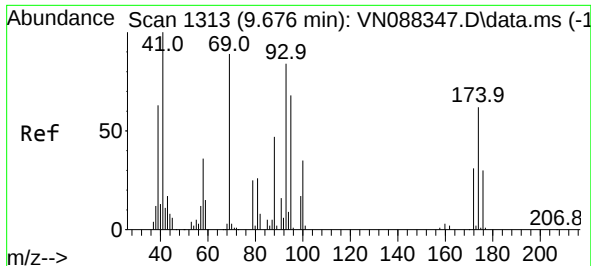
Ion Ratio Lower Upper

41 100

69 84.2 62.4 93.6

39 61.0 52.6 79.0





#49

1,4-Dioxane

Concen: 346.735 ug/l

RT: 9.676 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088520.D

Acq: 16 Dec 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS02

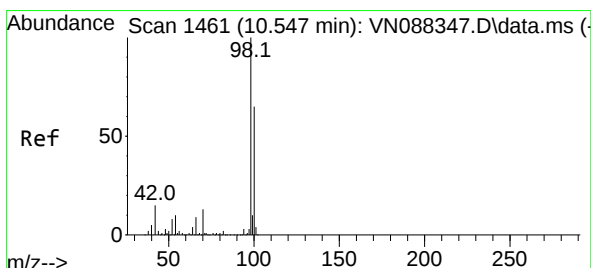
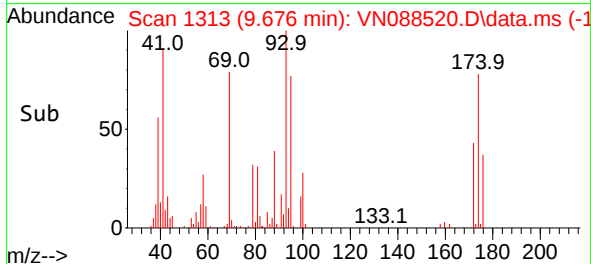
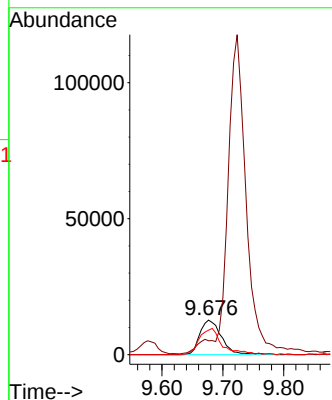
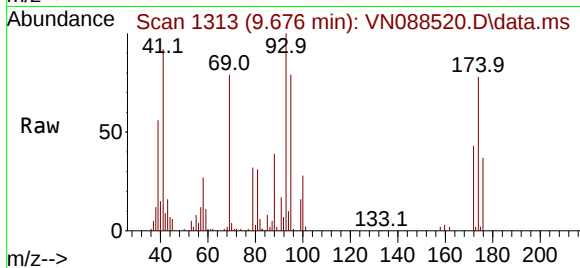
Tgt Ion: 88 Resp: 31636

Ion Ratio Lower Upper

88 100

43 24.6 0.0 0.0#

58 79.7 62.0 93.0



#50

Toluene-d8

Concen: 55.643 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088520.D

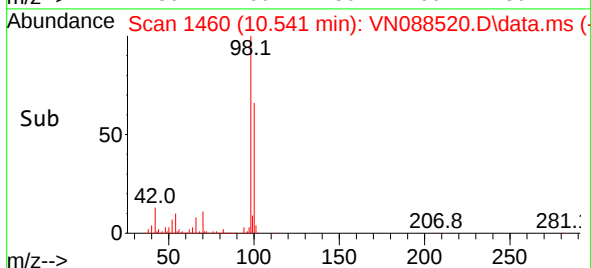
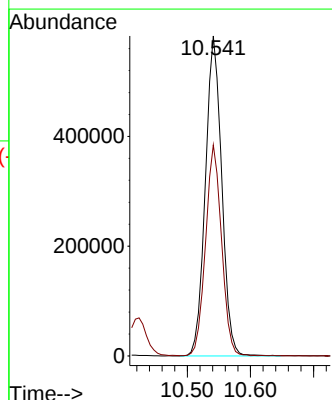
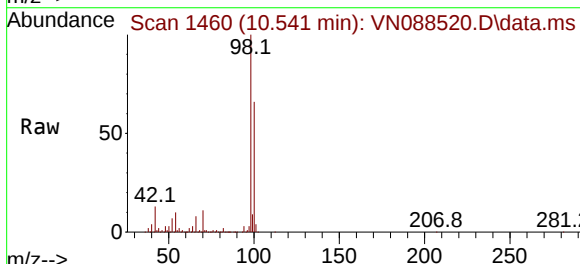
Acq: 16 Dec 2025 12:07

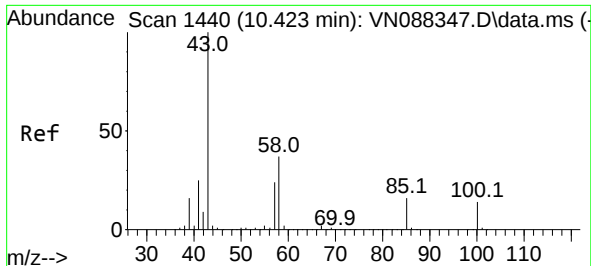
Tgt Ion: 98 Resp: 1049973

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 100.565 ug/l

RT: 10.423 min Scan# 1440

Delta R.T. 0.000 min

Lab File: VN088520.D

Acq: 16 Dec 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

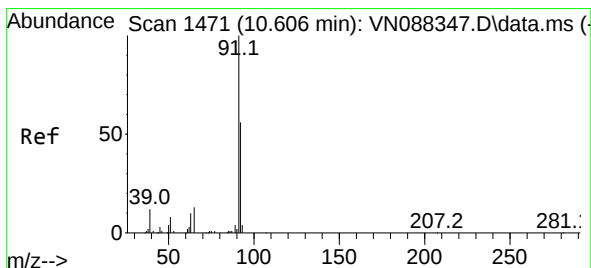
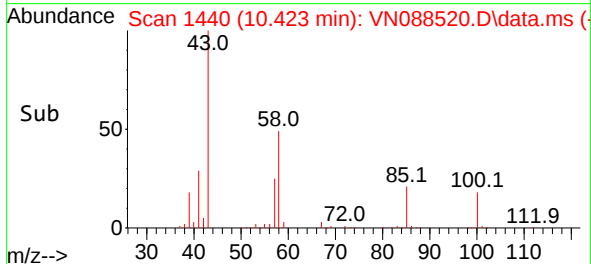
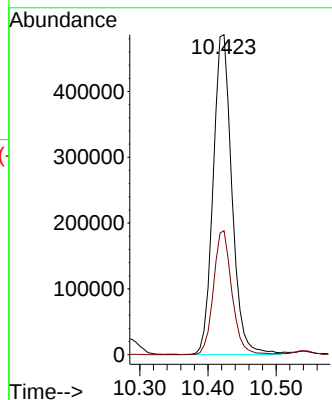
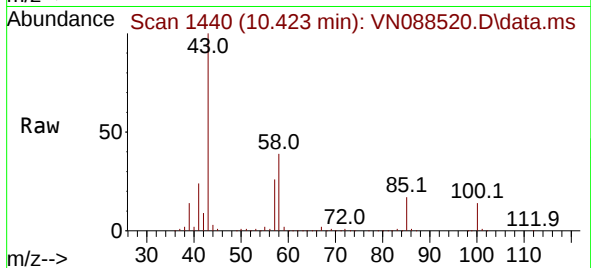
VN1216WBS02

Tgt Ion: 43 Resp: 932067

Ion Ratio Lower Upper

43 100

58 38.0 29.1 43.7



#52

Toluene

Concen: 21.403 ug/l

RT: 10.606 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VN088520.D

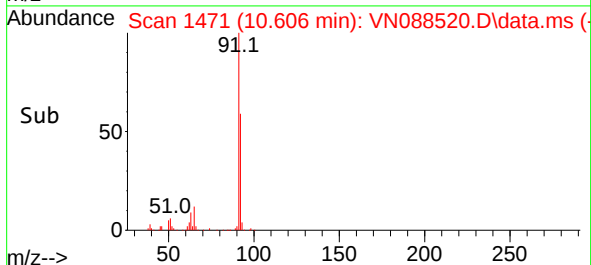
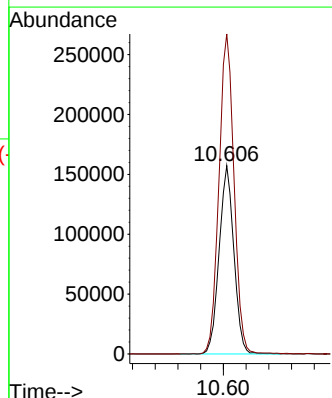
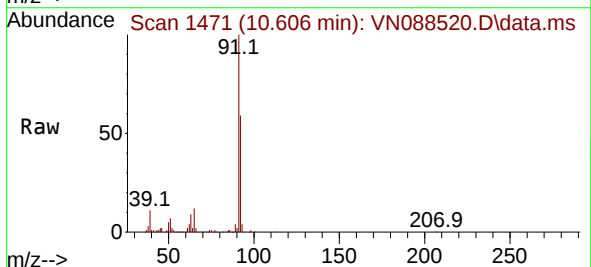
Acq: 16 Dec 2025 12:07

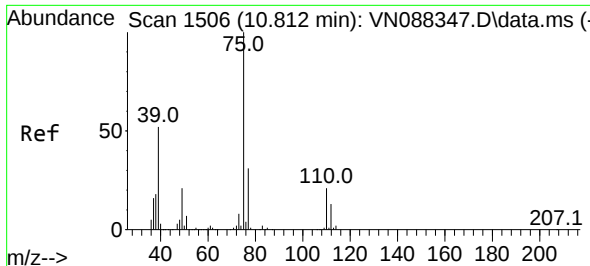
Tgt Ion: 92 Resp: 283901

Ion Ratio Lower Upper

92 100

91 173.7 140.2 210.2

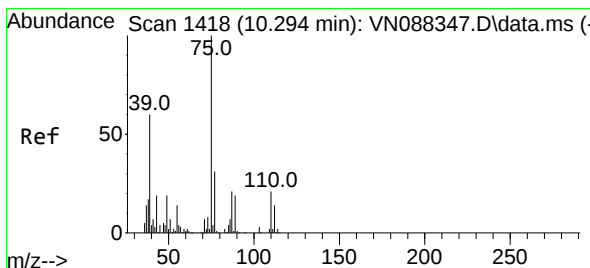
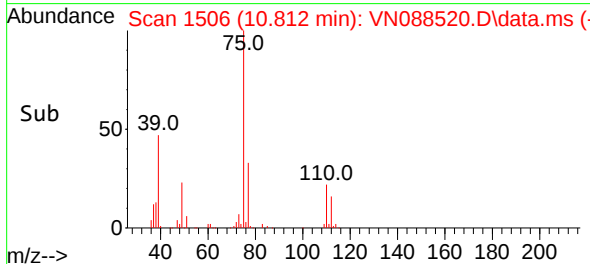
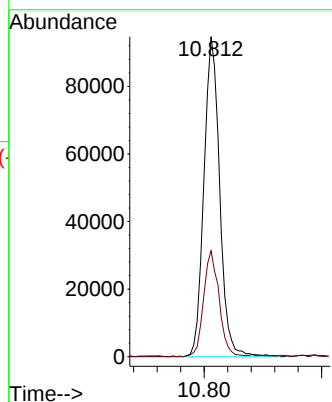
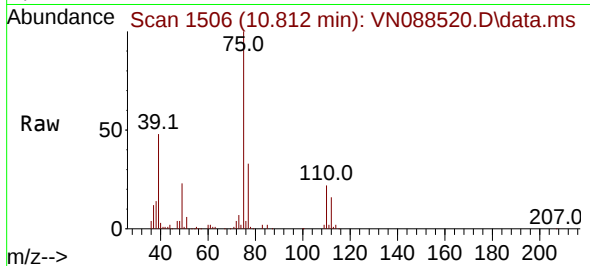




#53
t-1,3-Dichloropropene
Concen: 20.123 ug/l
RT: 10.812 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

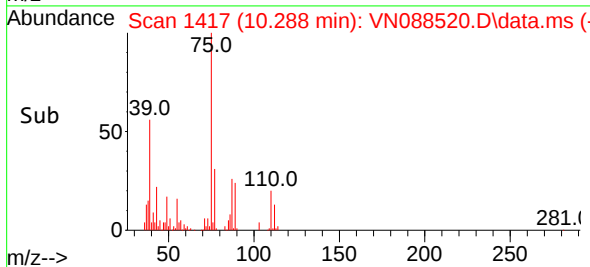
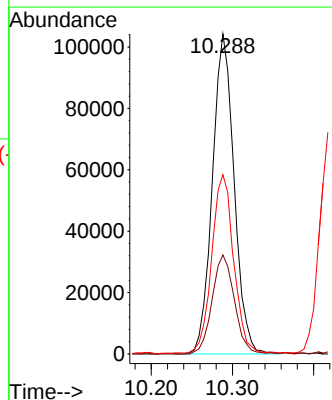
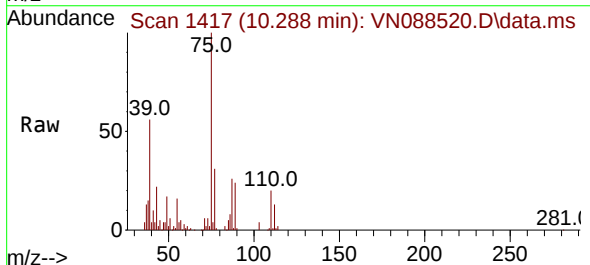
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS02

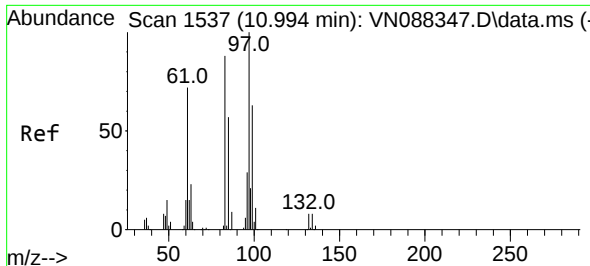
Tgt Ion: 75 Resp: 177021
Ion Ratio Lower Upper
75 100
77 32.9 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 20.946 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion: 75 Resp: 193777
Ion Ratio Lower Upper
75 100
77 31.0 24.5 36.7
39 55.7 48.3 72.5



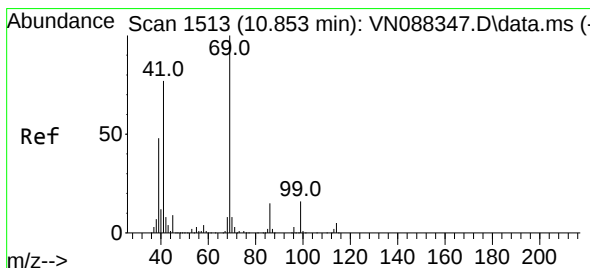
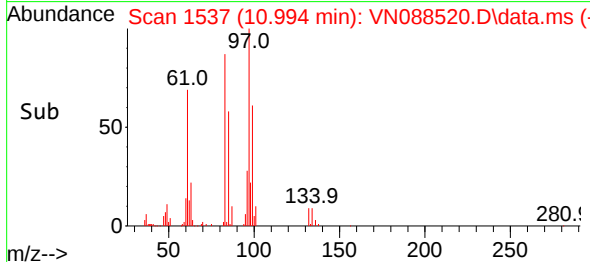
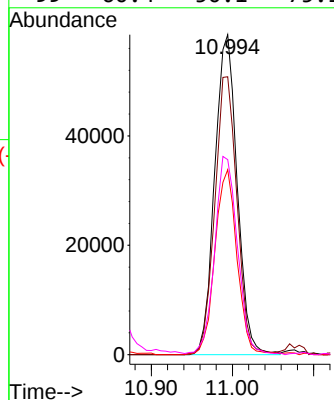
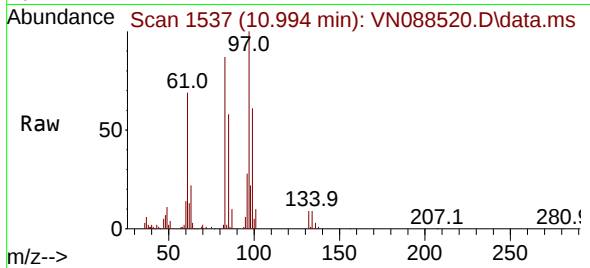


#55
1,1,2-Trichloroethane
Concen: 21.947 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS02

Tgt Ion: 97 Resp: 112632

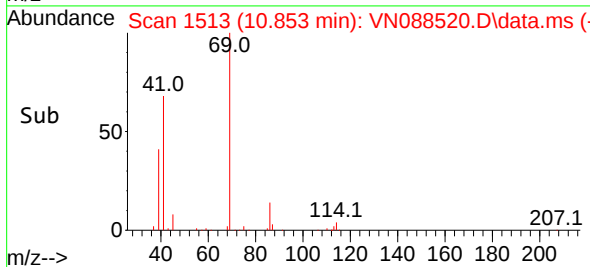
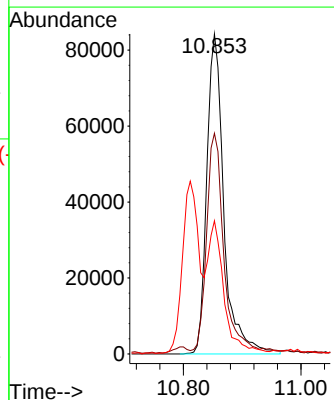
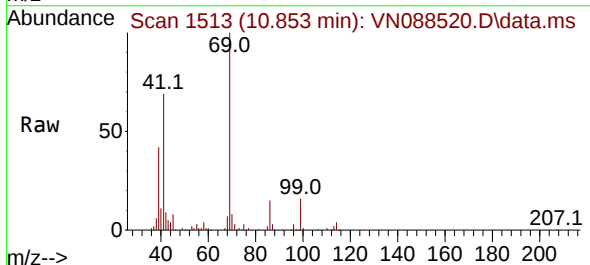
Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.4	105.6
85	57.8	45.4	68.2
99	60.4	50.1	75.1

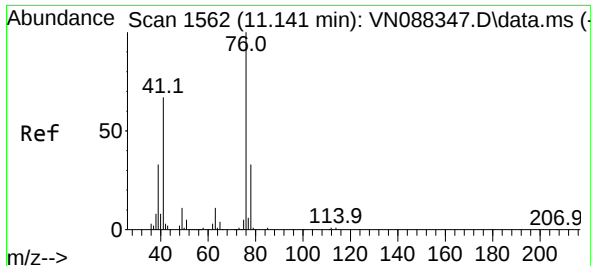


#56
Ethyl methacrylate
Concen: 20.917 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion: 69 Resp: 169563

Ion	Ratio	Lower	Upper
69	100		
41	68.8	59.6	89.4
39	38.5	36.4	54.6





#57

1,3-Dichloropropane

Concen: 21.364 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN088520.D

Acq: 16 Dec 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

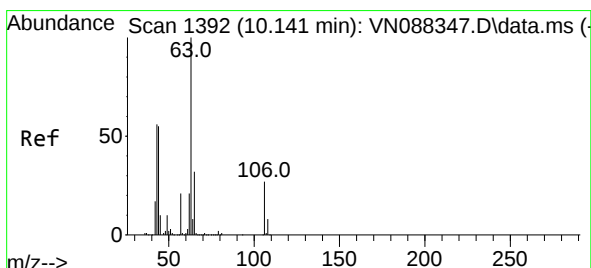
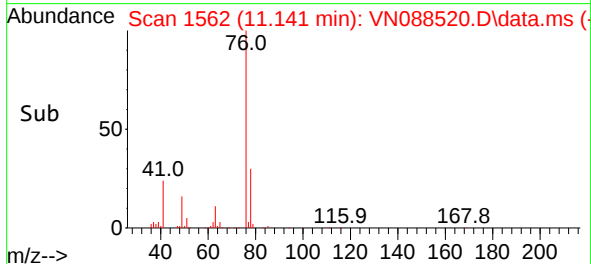
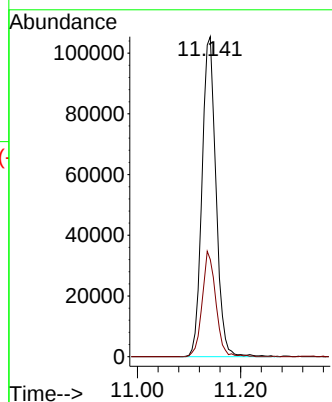
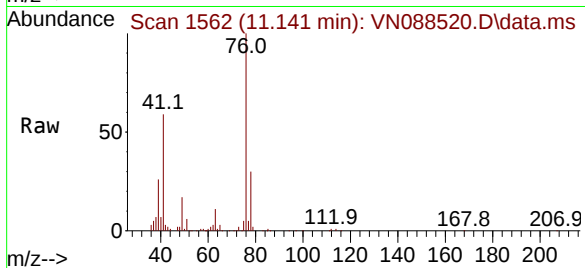
VN1216WBS02

Tgt Ion: 76 Resp: 197796

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 113.172 ug/l

RT: 10.135 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VN088520.D

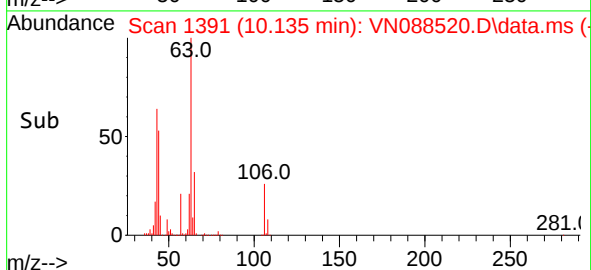
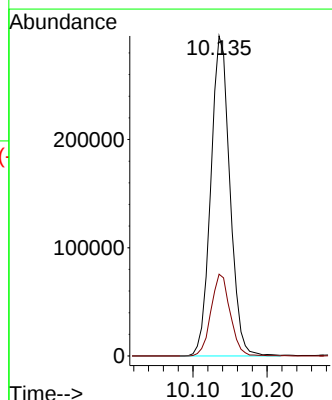
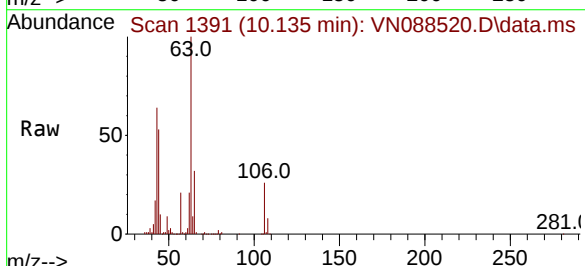
Acq: 16 Dec 2025 12:07

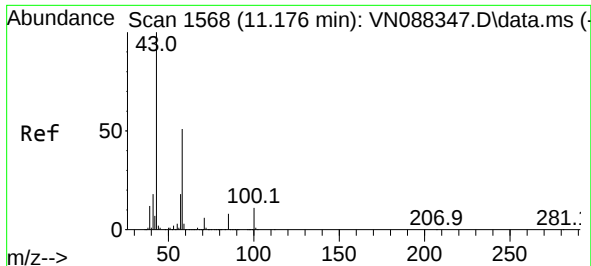
Tgt Ion: 63 Resp: 528922

Ion Ratio Lower Upper

63 100

106 25.7 20.5 30.7

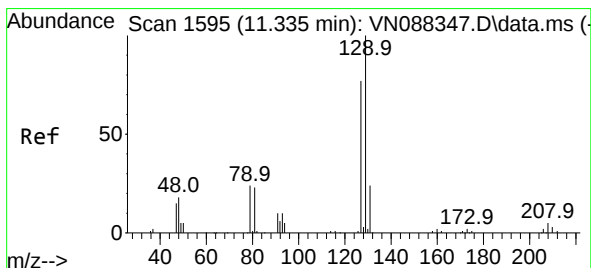
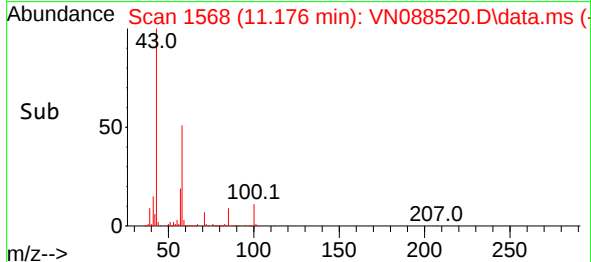
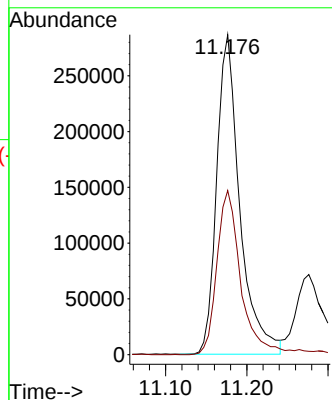
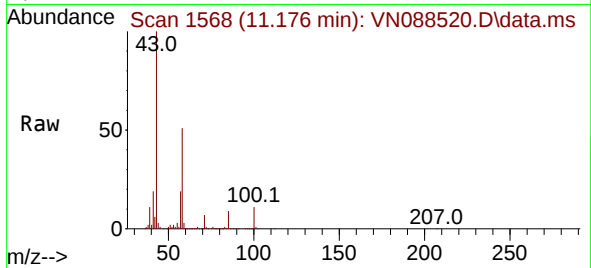




#59
2-Hexanone
Concen: 97.070 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

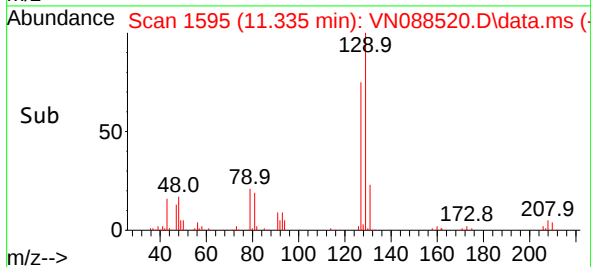
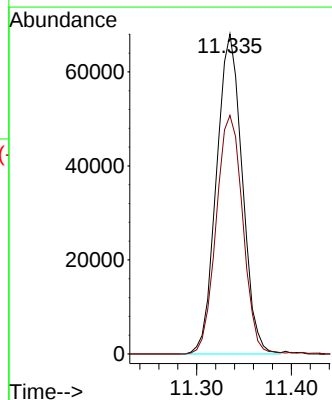
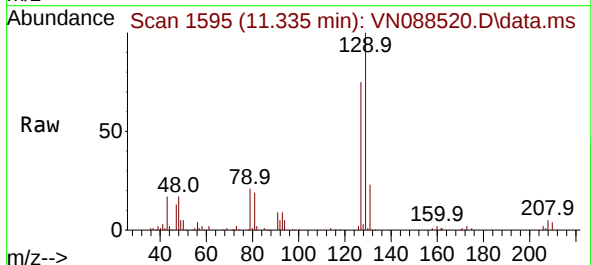
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS02

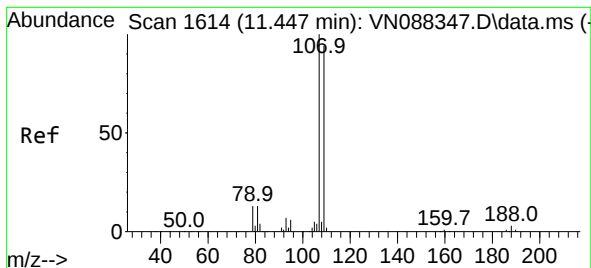
Tgt Ion: 43 Resp: 566752
Ion Ratio Lower Upper
43 100
58 54.6 25.3 75.9



#60
Dibromochloromethane
Concen: 21.998 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion: 129 Resp: 128700
Ion Ratio Lower Upper
129 100
127 76.8 38.2 114.6

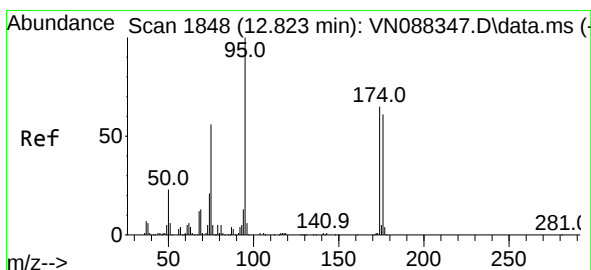
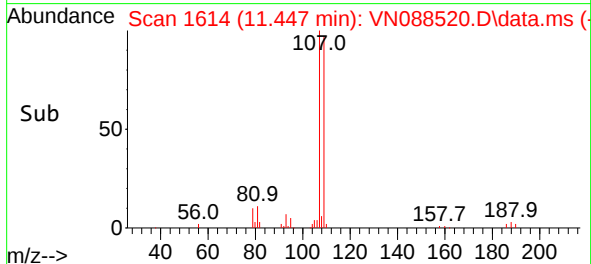
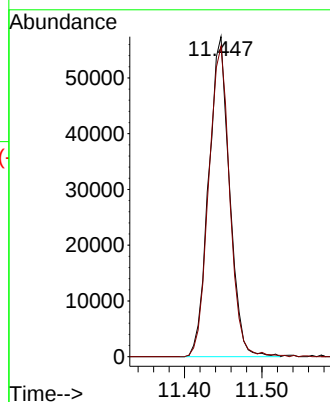
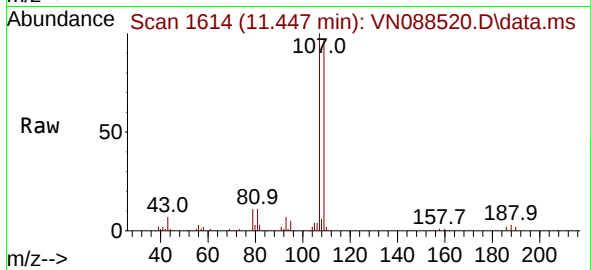




#61
1,2-Dibromoethane
Concen: 20.668 ug/l
RT: 11.447 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

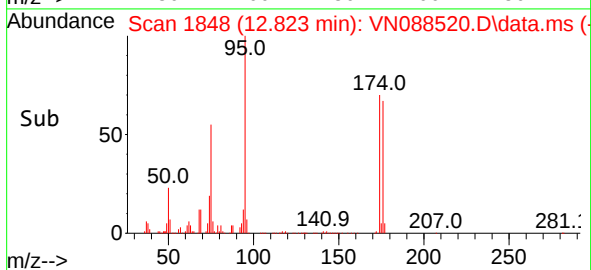
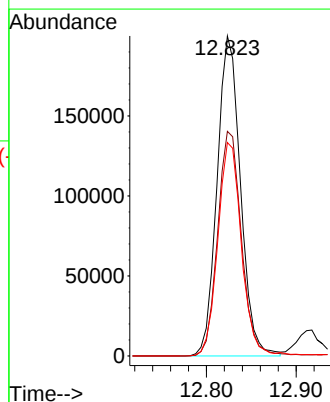
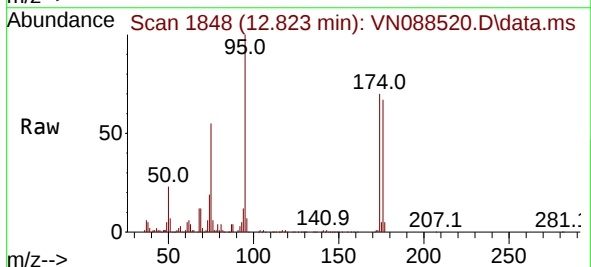
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS02

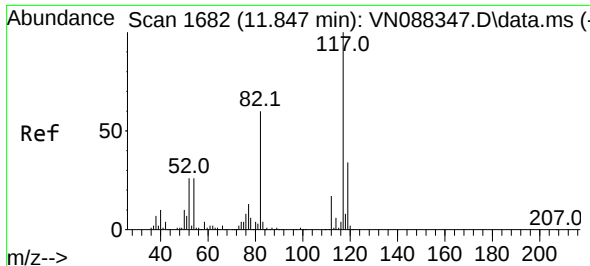
Tgt Ion:107 Resp: 107408
Ion Ratio Lower Upper
107 100
109 97.8 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 55.917 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion: 95 Resp: 362040
Ion Ratio Lower Upper
95 100
174 71.5 0.0 139.0
176 68.1 0.0 132.4

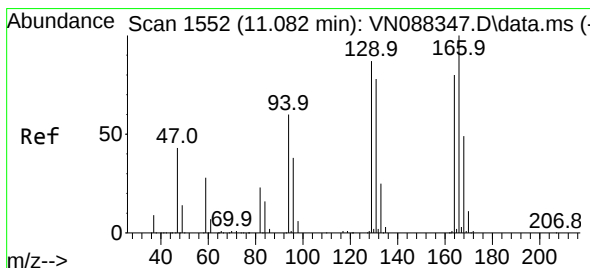
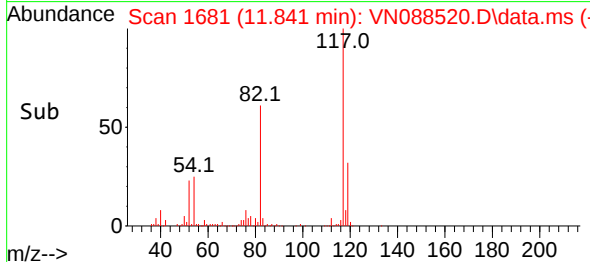
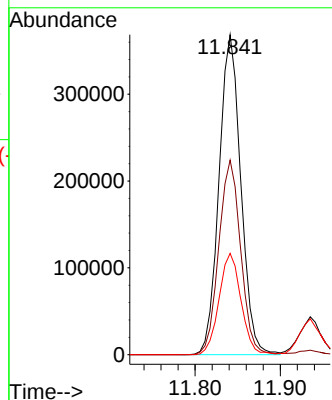
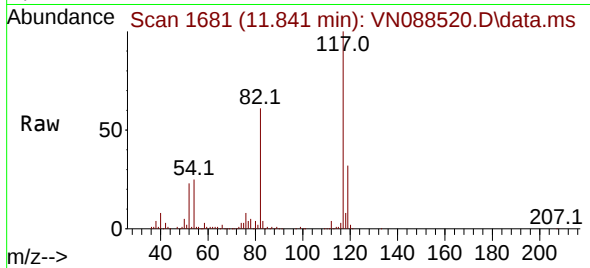




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

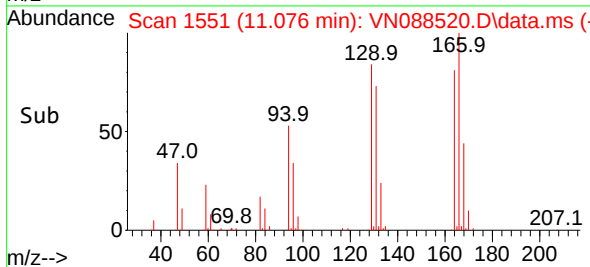
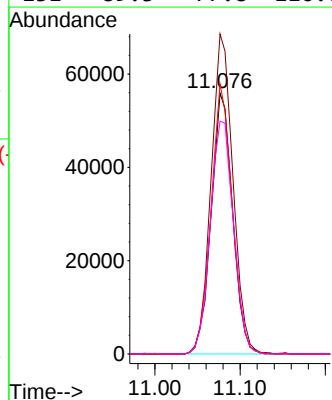
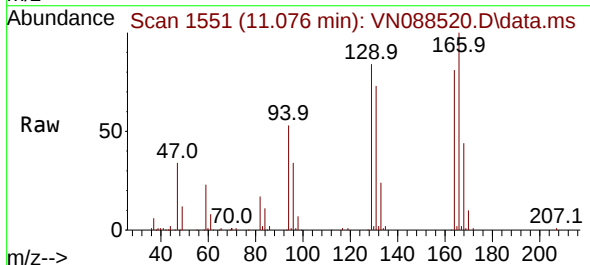
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS02

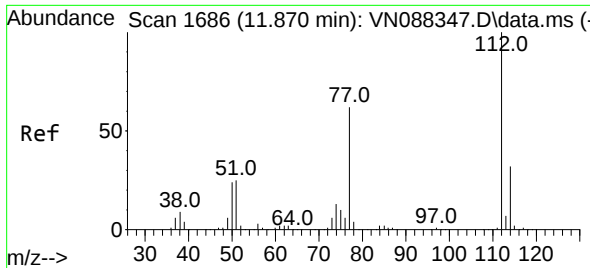
Tgt Ion:117 Resp: 655406
Ion Ratio Lower Upper
117 100
82 60.8 47.8 71.8
119 31.7 26.9 40.3



#64
Tetrachloroethene
Concen: 18.742 ug/l
RT: 11.076 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion:164 Resp: 97382
Ion Ratio Lower Upper
164 100
166 122.8 99.6 149.4
129 103.5 86.6 129.8
131 89.3 77.8 116.6

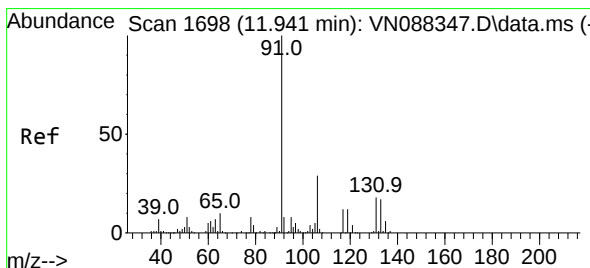
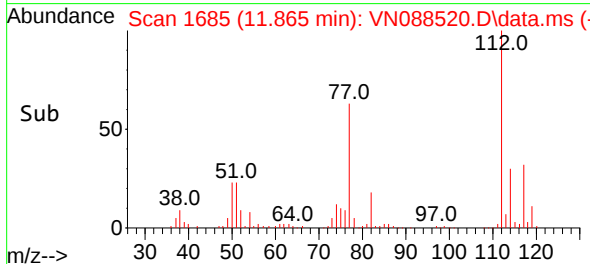
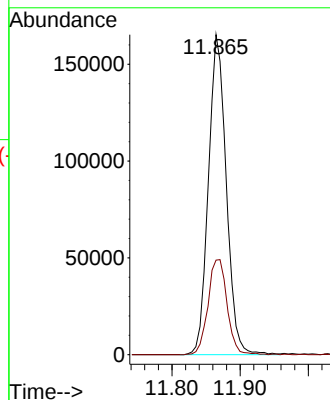
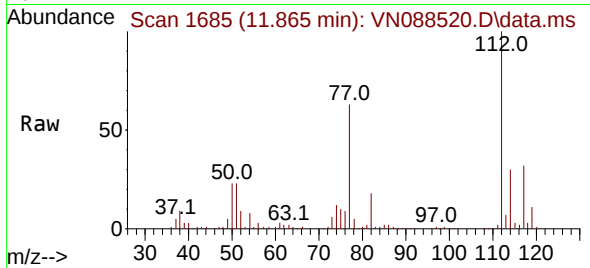




#65
Chlorobenzene
Concen: 20.475 ug/l
RT: 11.865 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

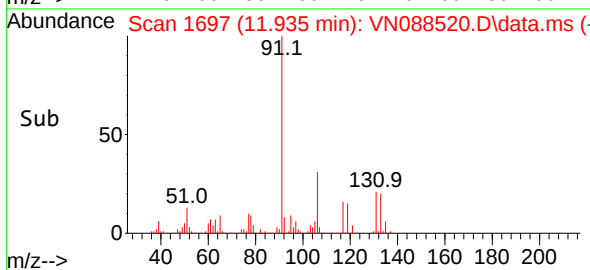
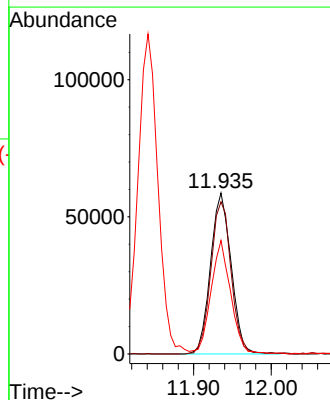
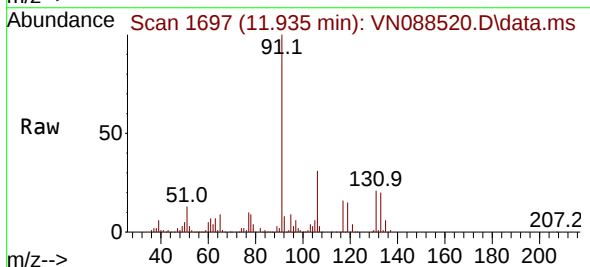
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS02

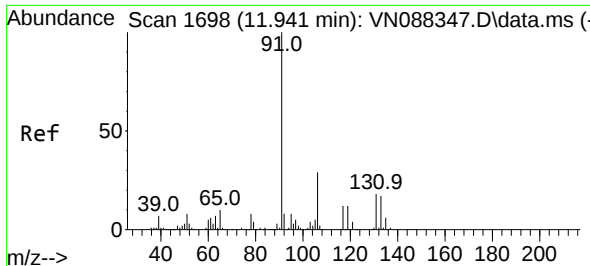
Tgt Ion:112 Resp: 301422
Ion Ratio Lower Upper
112 100
114 29.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.814 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion:131 Resp: 108311
Ion Ratio Lower Upper
131 100
133 93.8 47.4 142.2
119 66.6 33.4 100.1

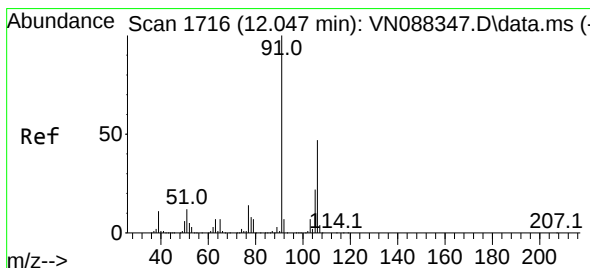
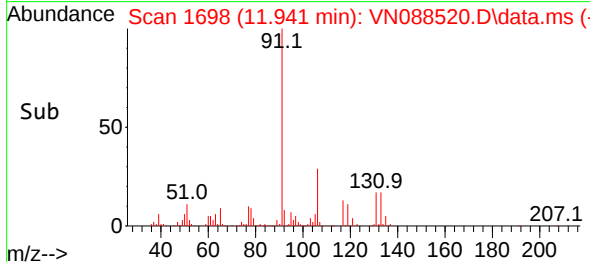
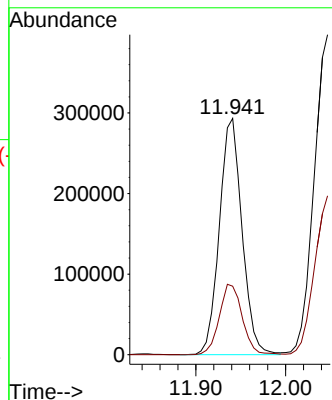
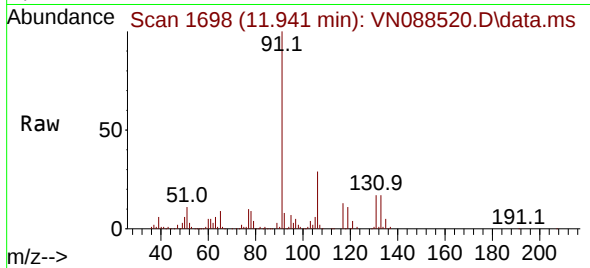




#67
Ethyl Benzene
Concen: 20.001 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

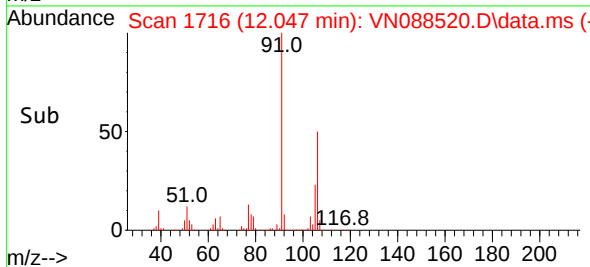
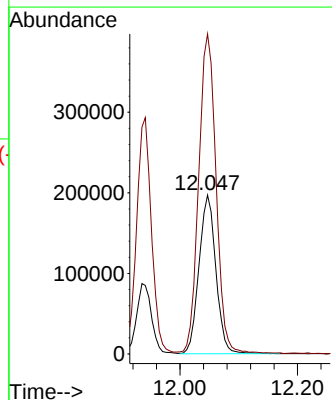
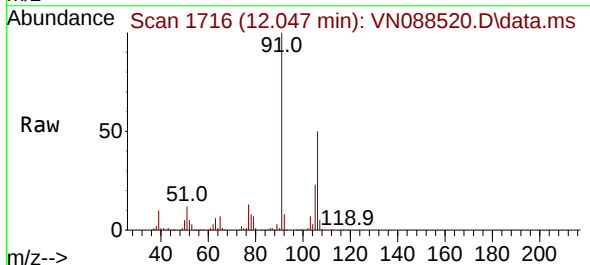
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS02

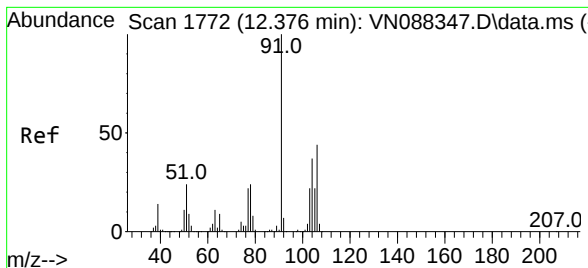
Tgt Ion: 91 Resp: 514637
Ion Ratio Lower Upper
91 100
106 29.0 23.6 35.4



#68
m/p-Xylenes
Concen: 41.126 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion: 106 Resp: 392342
Ion Ratio Lower Upper
106 100
91 207.2 167.8 251.6

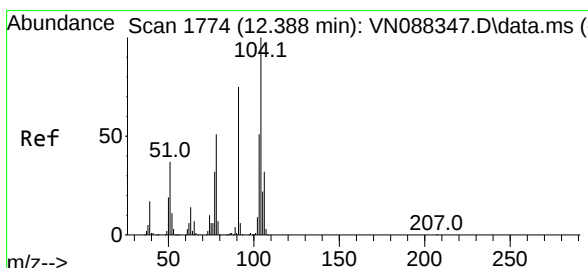
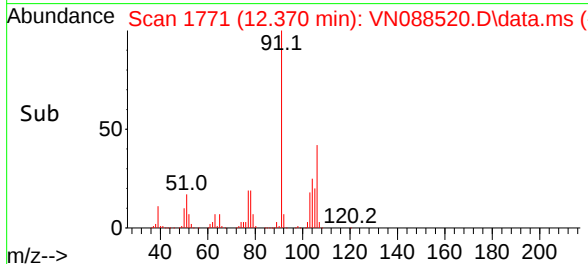
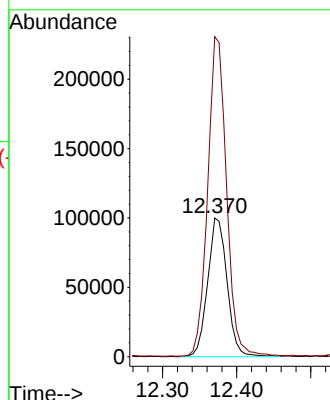
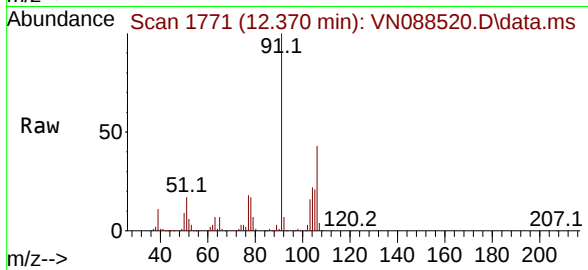




#69
o-Xylene
Concen: 20.014 ug/l
RT: 12.370 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

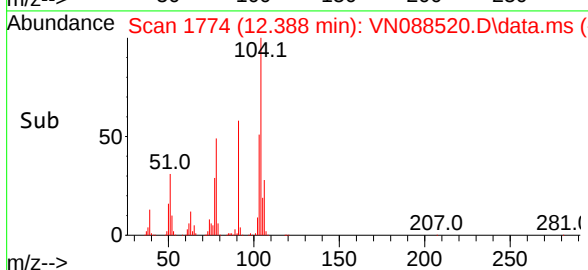
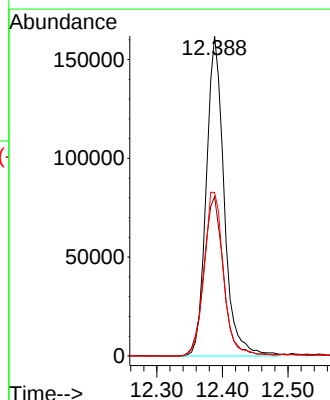
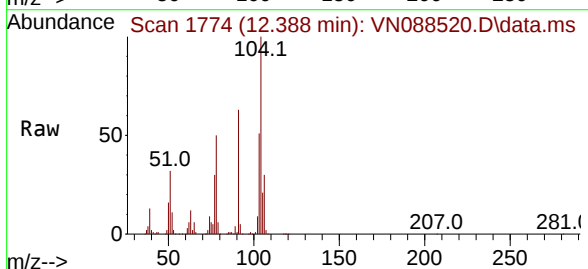
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS02

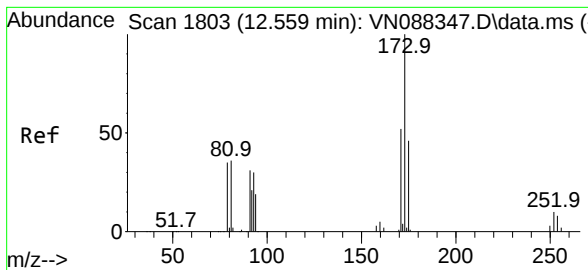
Tgt Ion:106 Resp: 182027
Ion Ratio Lower Upper
106 100
91 224.1 112.9 338.7



#70
Styrene
Concen: 20.767 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion:104 Resp: 306682
Ion Ratio Lower Upper
104 100
78 54.9 44.3 66.5
103 55.8 44.2 66.4

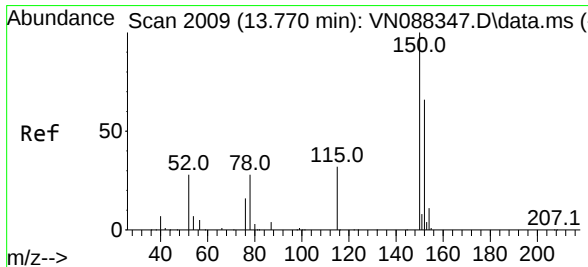
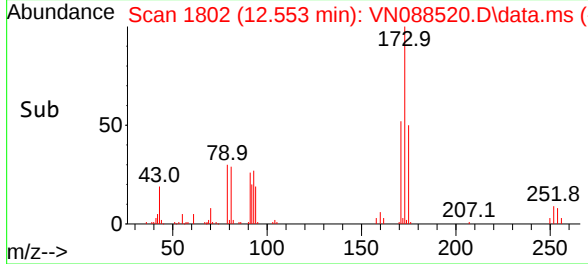
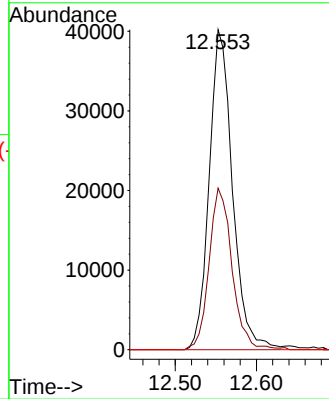
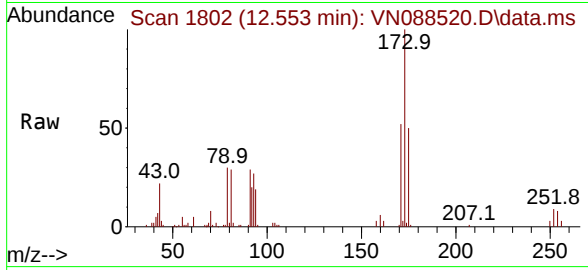




#71
Bromoform
Concen: 22.008 ug/l
RT: 12.553 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

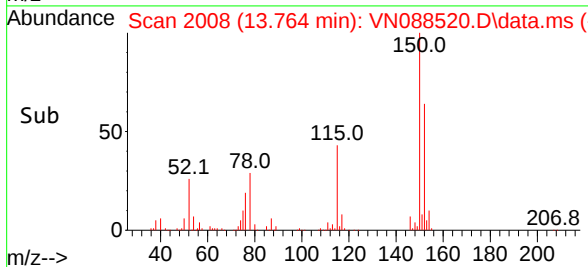
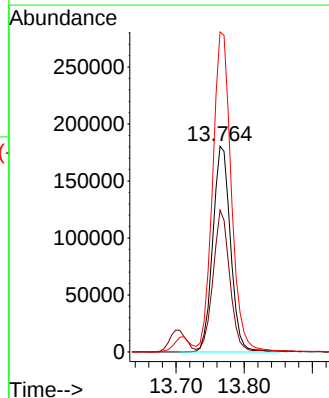
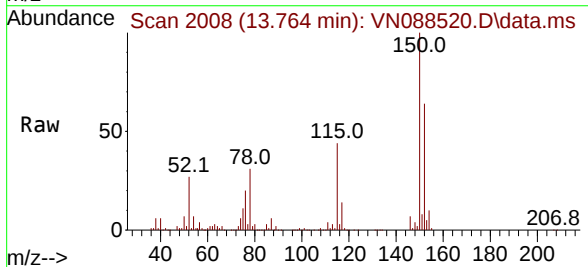
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS02

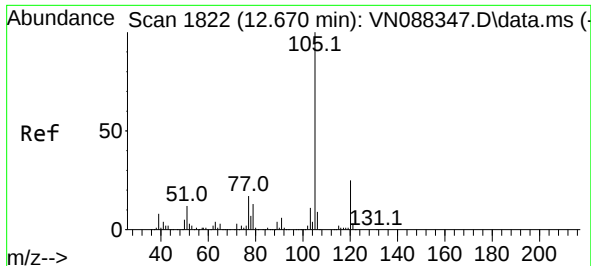
Tgt Ion:173 Resp: 80040
Ion Ratio Lower Upper
173 100
175 49.9 23.9 71.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.764 min Scan# 2008
Delta R.T. -0.006 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion:152 Resp: 326382
Ion Ratio Lower Upper
152 100
115 64.3 33.0 98.9
150 163.5 0.0 349.0

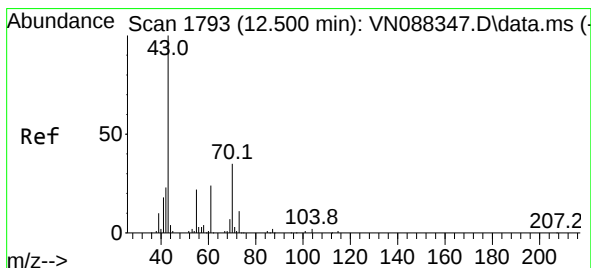
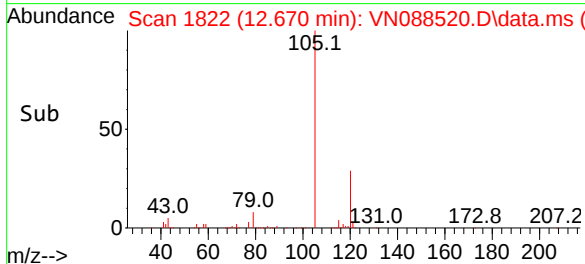
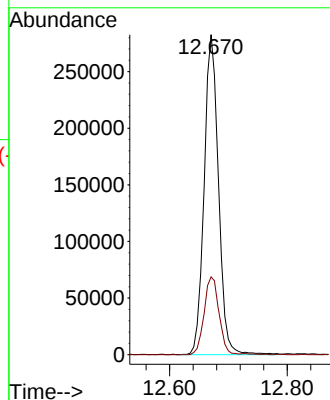
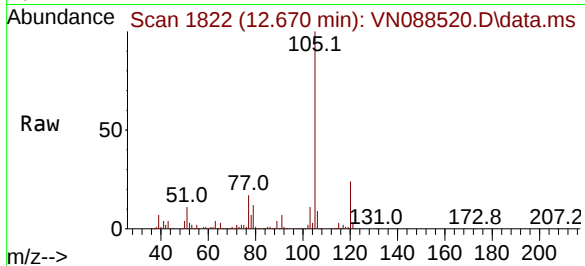




#73
Isopropylbenzene
Concen: 19.866 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

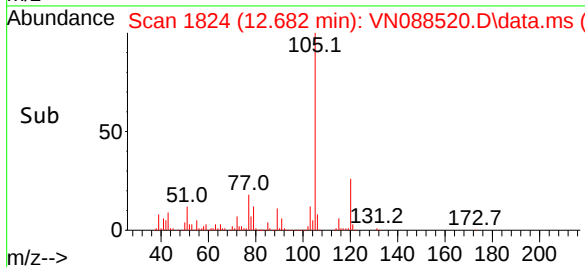
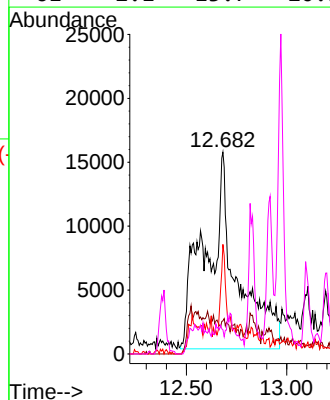
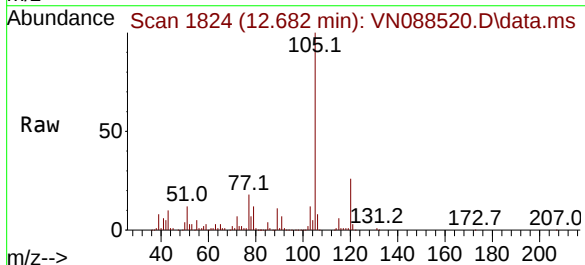
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MSVOA_N
ClientSampleId :
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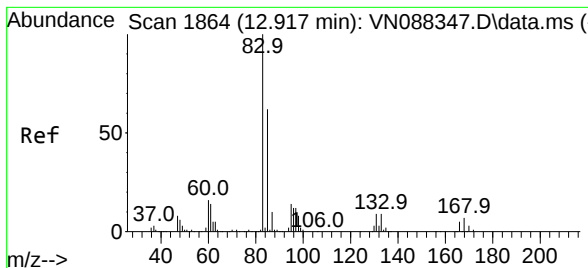
Tgt Ion:105 Resp: 479399
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.3



#74
N-ethyl acetate
Concen: 20.221 ug/l m
RT: 12.682 min Scan# 1824
Delta R.T. 0.182 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion: 43 Resp: 166182
Ion Ratio Lower Upper
43 100
70 4.4 28.3 42.5#
55 5.5 17.7 26.5#
61 2.1 13.7 20.5#

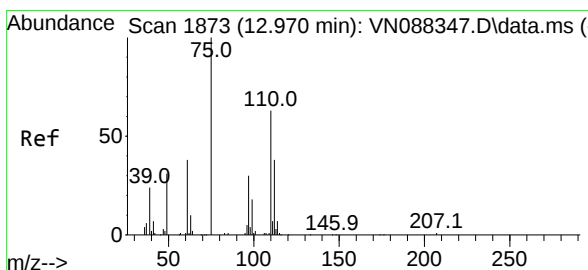
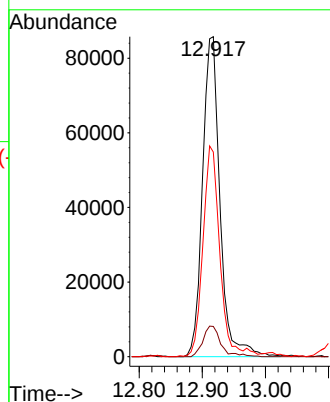
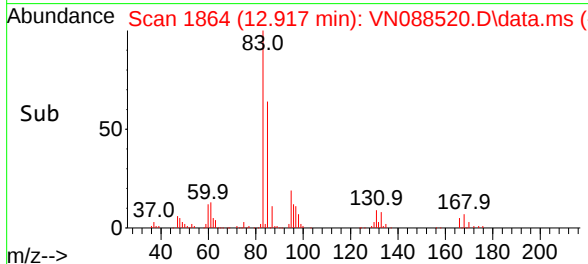
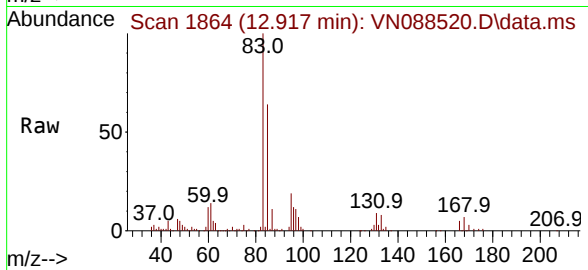




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.091 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN088520.D
 Acq: 16 Dec 2025 12:07

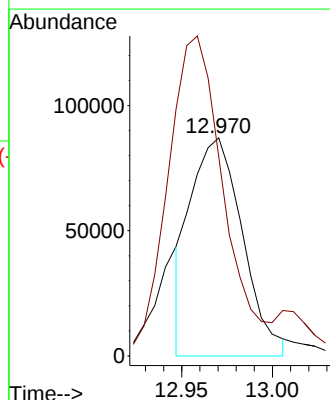
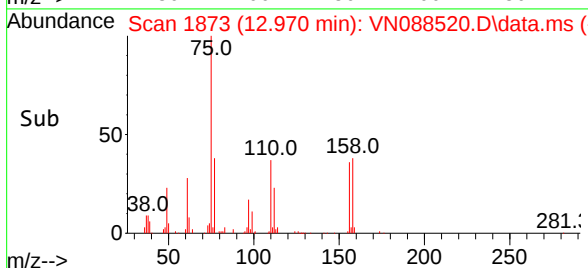
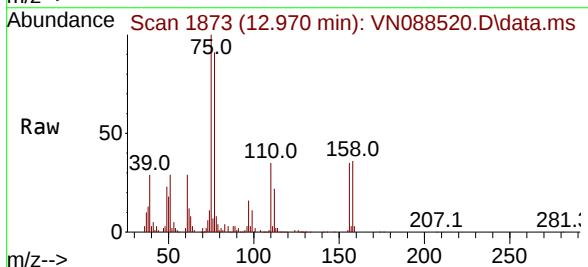
Instrument :
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 ClientSampleId :
 VN1216WBS02

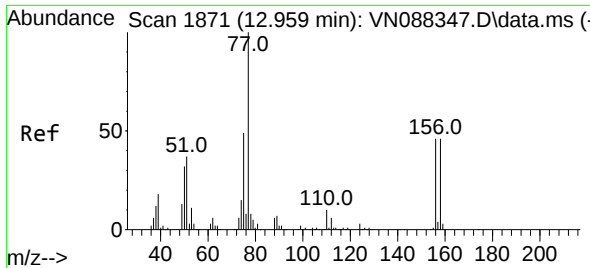
Tgt Ion: 83 Resp: 164541
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.8 14.4
 85 62.7 32.1 96.5



#76
 1,2,3-Trichloropropane
 Concen: 22.666 ug/l m
 RT: 12.970 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN088520.D
 Acq: 16 Dec 2025 12:07

Tgt Ion: 75 Resp: 173268
 Ion Ratio Lower Upper
 75 100
 77 158.8 87.2 261.6

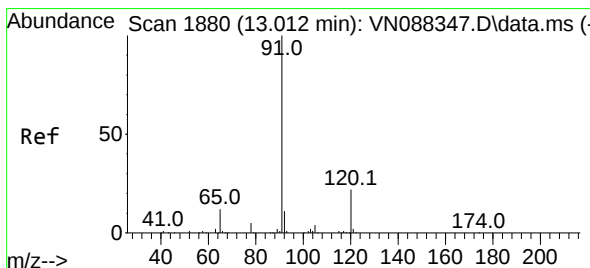
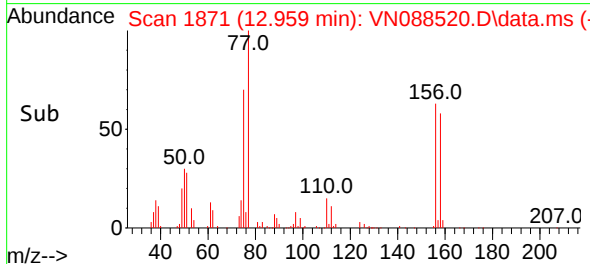
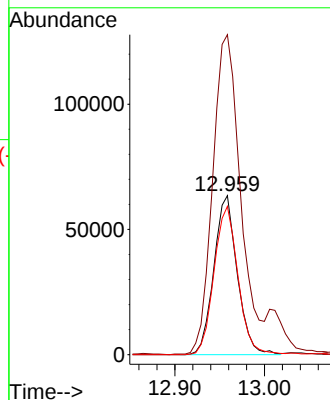
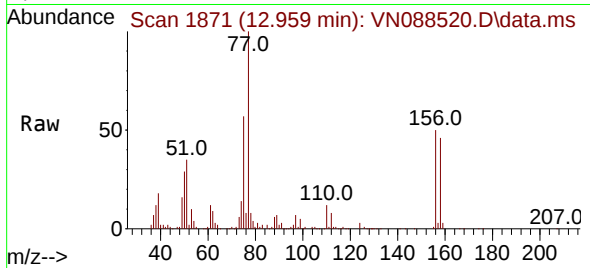




#77
Bromobenzene
Concen: 20.816 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

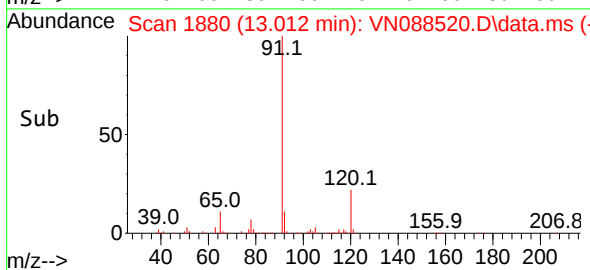
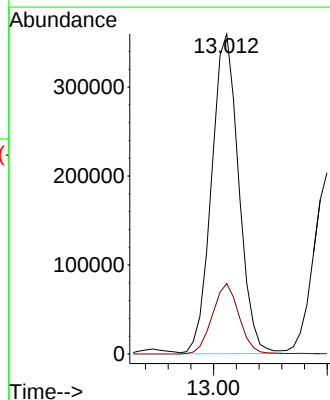
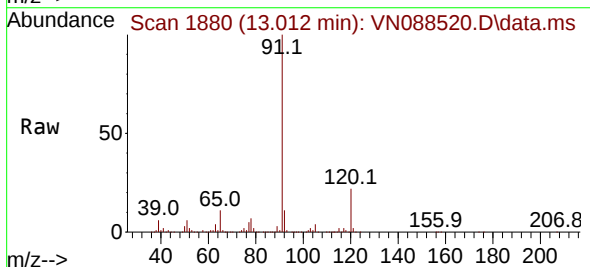
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS02

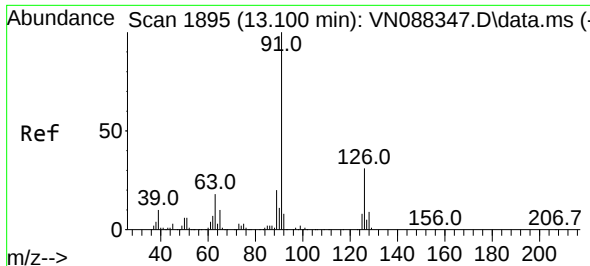
Tgt Ion:156 Resp: 114936
Ion Ratio Lower Upper
156 100
77 239.4 121.6 364.7
158 95.6 48.6 145.8



#78
n-propylbenzene
Concen: 20.166 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion: 91 Resp: 595343
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.6

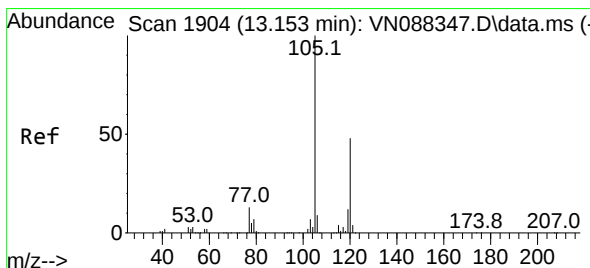
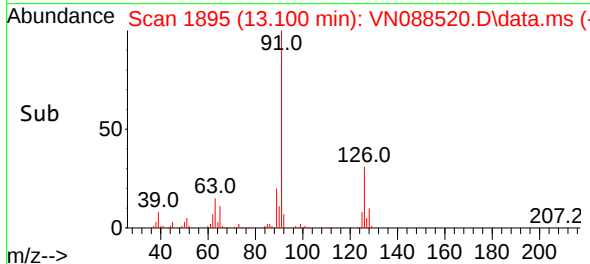
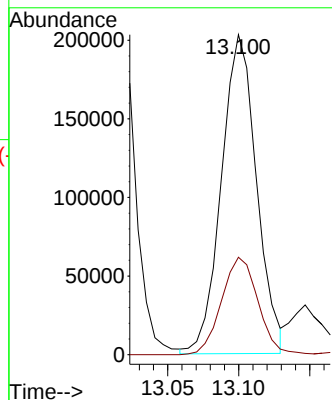
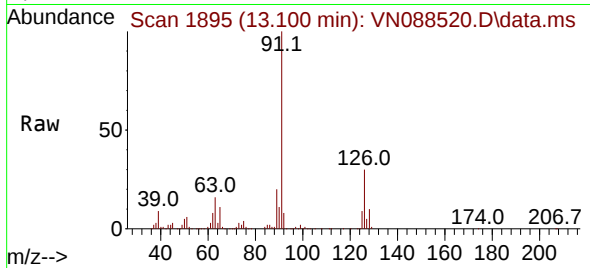




#79
2-Chlorotoluene
Concen: 19.374 ug/l
RT: 13.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

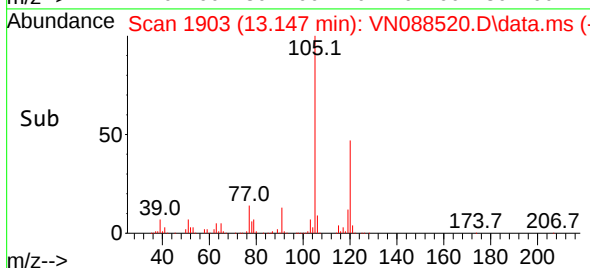
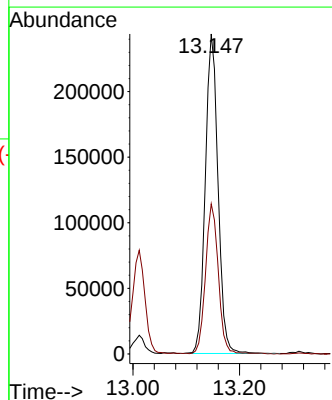
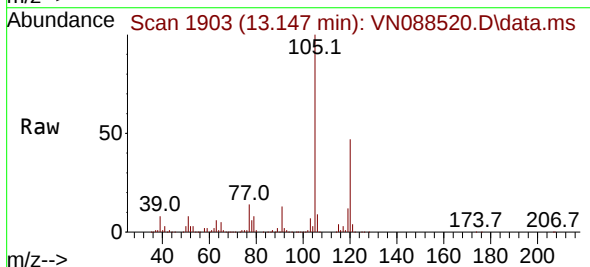
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS02

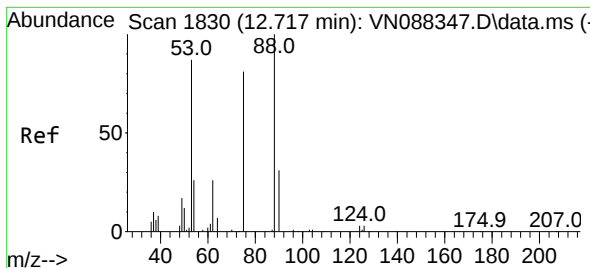
Tgt Ion: 91 Resp: 349294
Ion Ratio Lower Upper
91 100
126 31.7 15.3 45.9



#80
1,3,5-Trimethylbenzene
Concen: 20.130 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion:105 Resp: 402543
Ion Ratio Lower Upper
105 100
120 46.8 23.8 71.5

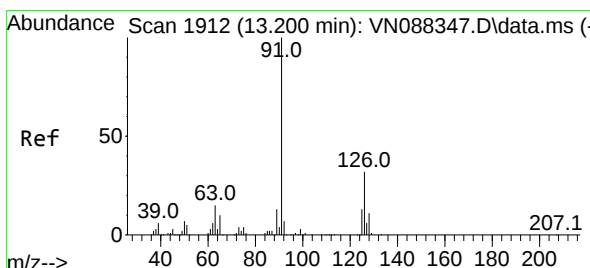
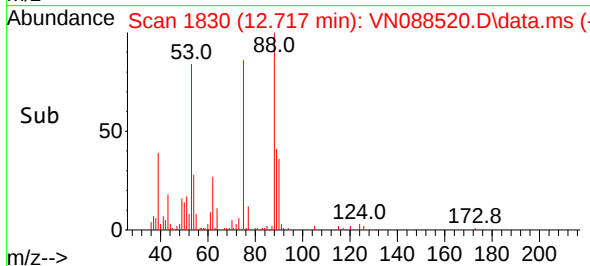
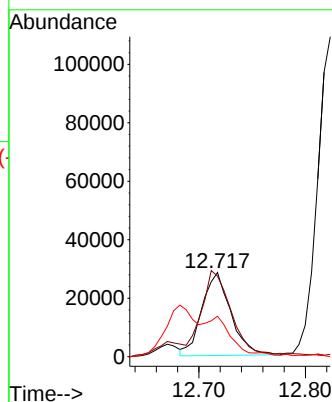
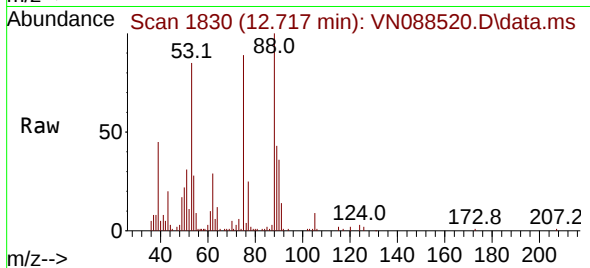




#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.922 ug/l
 RT: 12.717 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: VN088520.D
 Acq: 16 Dec 2025 12:07

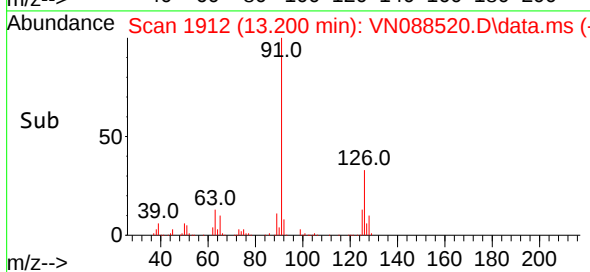
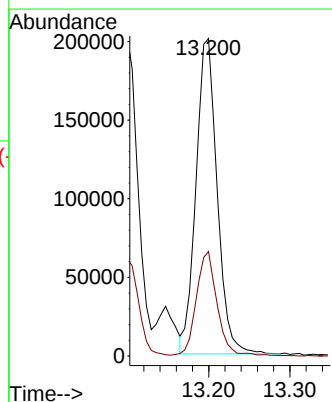
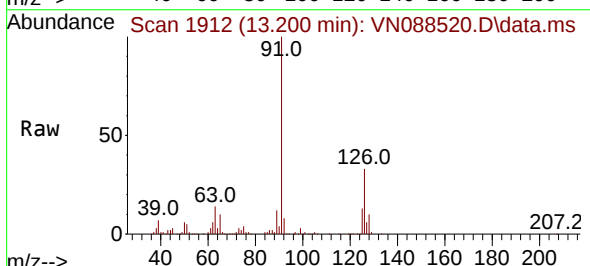
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS02

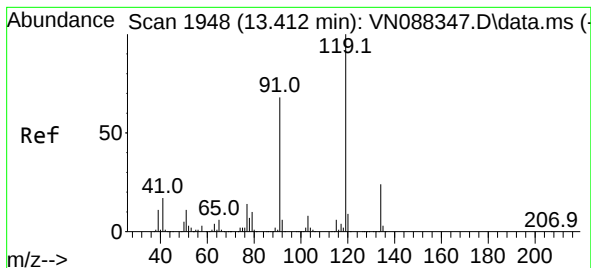
Tgt Ion: 75 Resp: 53683
 Ion Ratio Lower Upper
 75 100
 53 105.7 92.2 138.4
 89 0.0 0.0 0.0



#82
 4-Chlorotoluene
 Concen: 20.318 ug/l
 RT: 13.200 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: VN088520.D
 Acq: 16 Dec 2025 12:07

Tgt Ion: 91 Resp: 363829
 Ion Ratio Lower Upper
 91 100
 126 32.7 15.6 46.7





#83

tert-Butylbenzene

Concen: 19.202 ug/l

RT: 13.412 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VN088520.D

Acq: 16 Dec 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS02

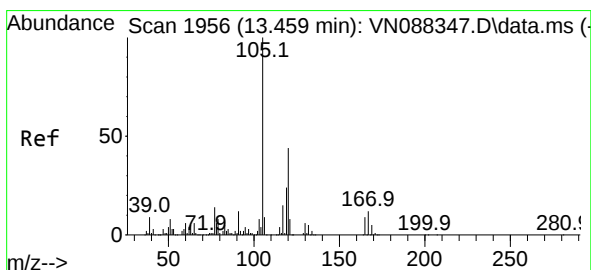
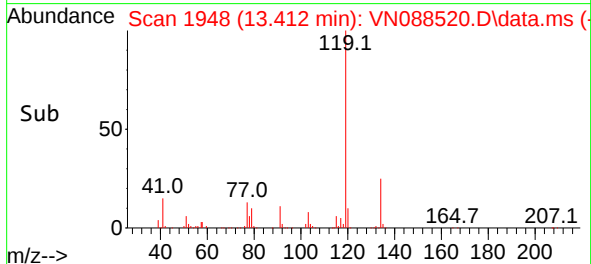
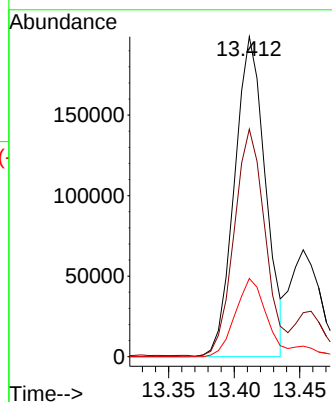
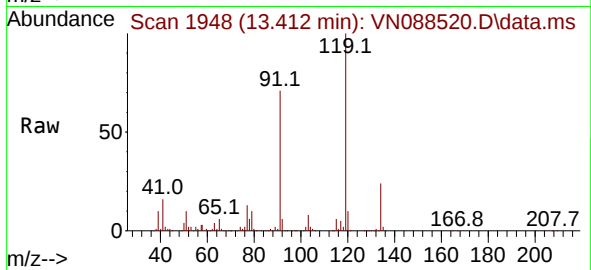
Tgt Ion:119 Resp: 326421

Ion Ratio Lower Upper

119 100

91 71.6 35.1 105.3

134 24.4 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 20.427 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN088520.D

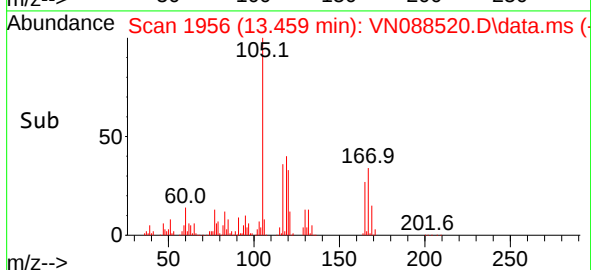
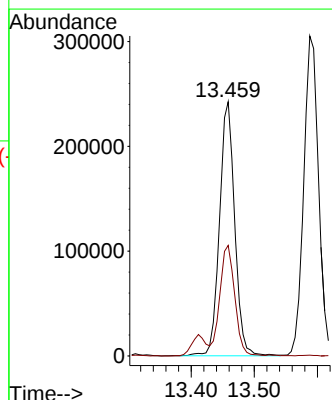
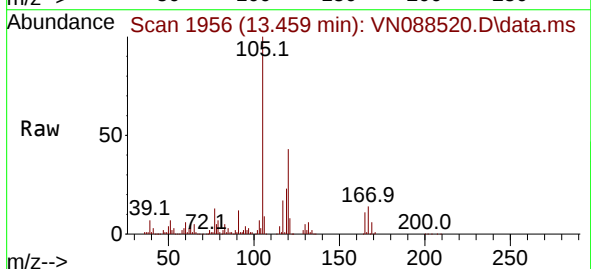
Acq: 16 Dec 2025 12:07

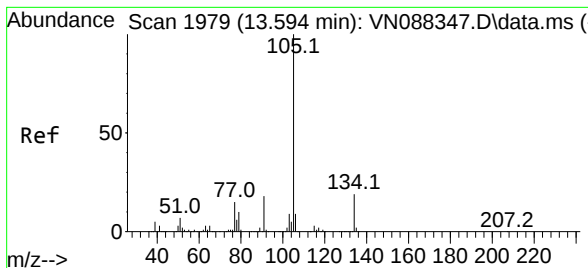
Tgt Ion:105 Resp: 406014

Ion Ratio Lower Upper

105 100

120 42.4 22.1 66.1

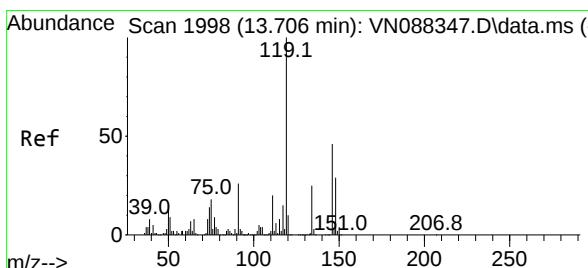
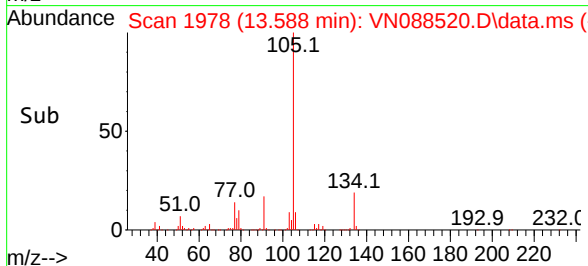
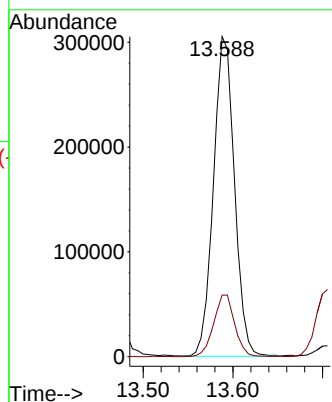
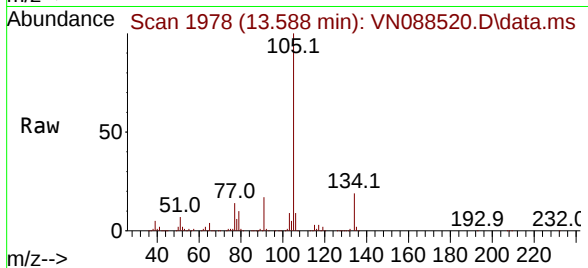




#85
 sec-Butylbenzene
 Concen: 20.335 ug/l
 RT: 13.588 min Scan# 1978
 Delta R.T. -0.006 min
 Lab File: VN088520.D
 Acq: 16 Dec 2025 12:07

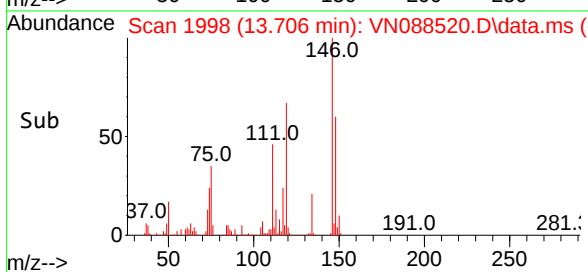
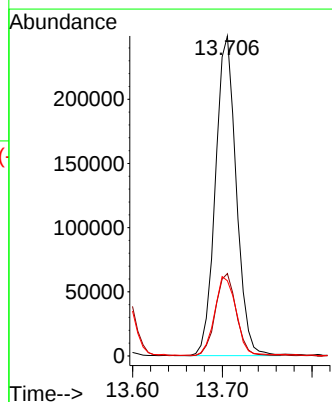
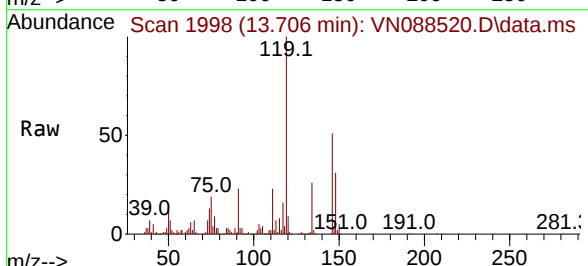
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS02

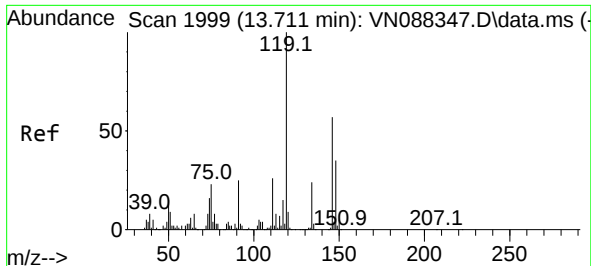
Tgt Ion:105 Resp: 496589
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 20.034 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088520.D
 Acq: 16 Dec 2025 12:07

Tgt Ion:119 Resp: 401181
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.2 36.6
 91 25.1 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 20.361 ug/l

RT: 13.706 min Scan# 1999

Delta R.T. -0.006 min

Lab File: VN088520.D

Acq: 16 Dec 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS02

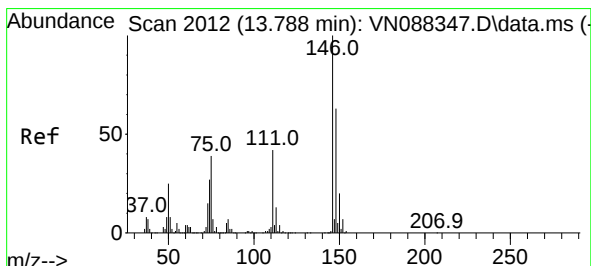
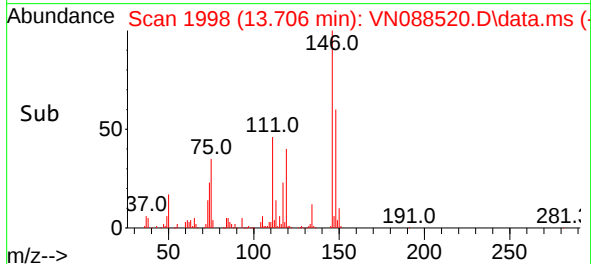
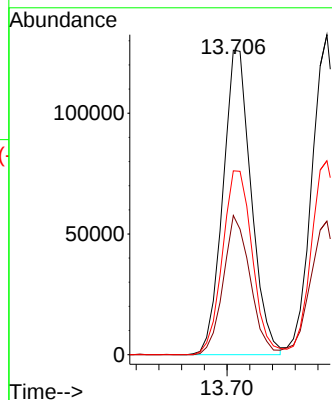
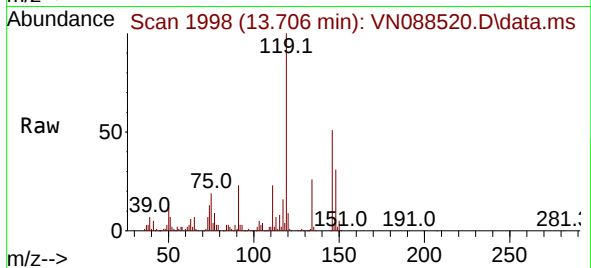
Tgt Ion:146 Resp: 218854

Ion Ratio Lower Upper

146 100

111 43.4 22.4 67.0

148 63.8 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 20.345 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088520.D

Acq: 16 Dec 2025 12:07

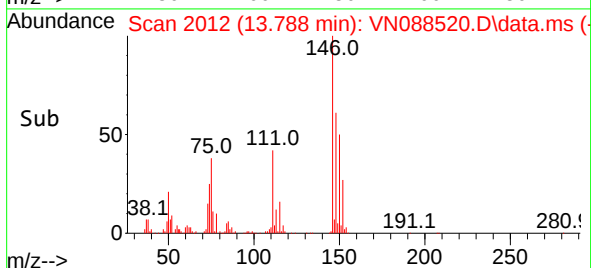
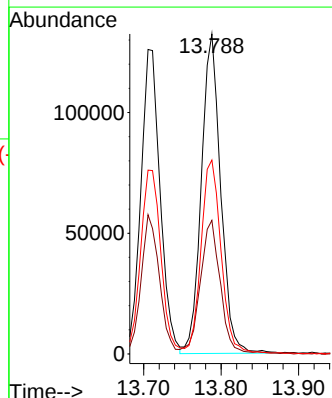
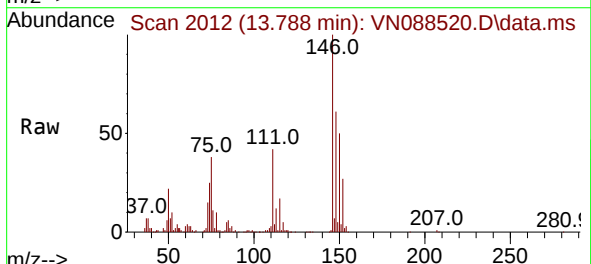
Tgt Ion:146 Resp: 229061

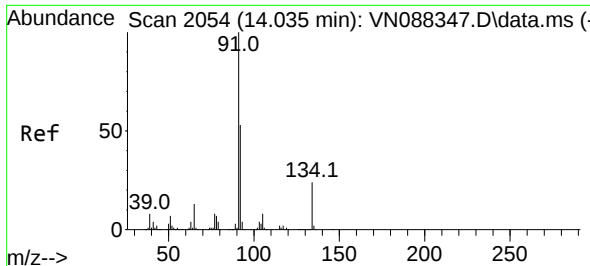
Ion Ratio Lower Upper

146 100

111 41.9 21.6 64.6

148 62.4 31.0 93.0

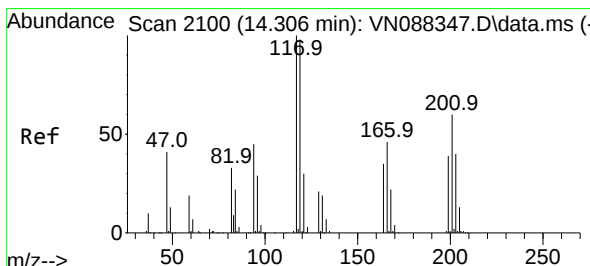
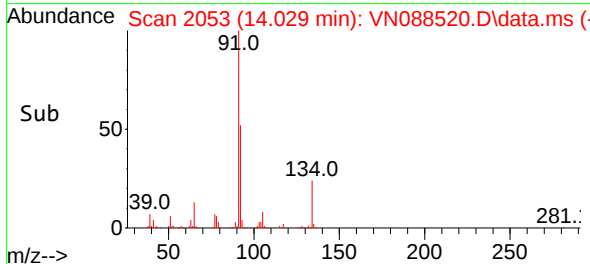
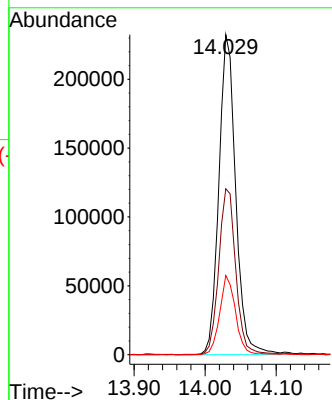
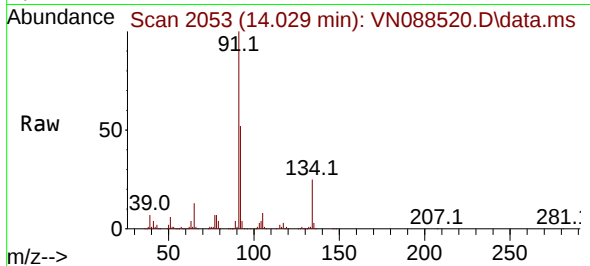




#89
n-Butylbenzene
Concen: 19.602 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

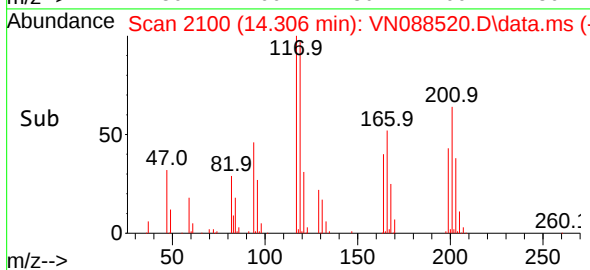
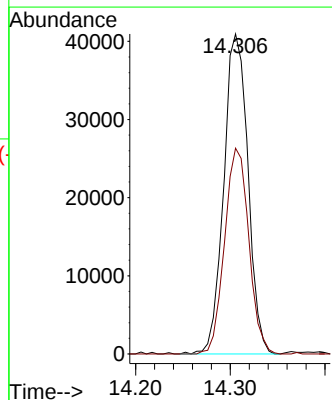
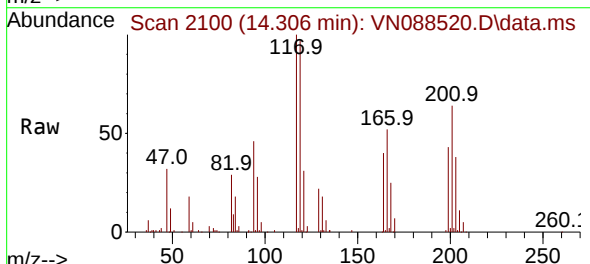
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS02

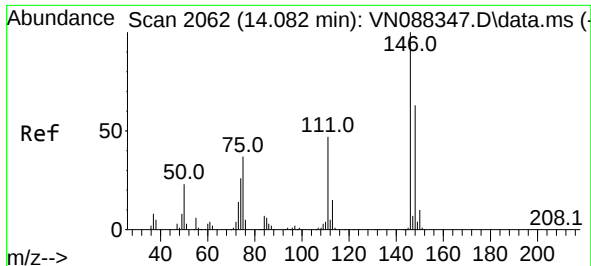
Tgt Ion: 91 Resp: 381125
Ion Ratio Lower Upper
91 100
92 52.8 26.1 78.3
134 23.5 11.7 35.1



#90
Hexachloroethane
Concen: 19.851 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion: 117 Resp: 72620
Ion Ratio Lower Upper
117 100
201 64.4 30.3 90.9

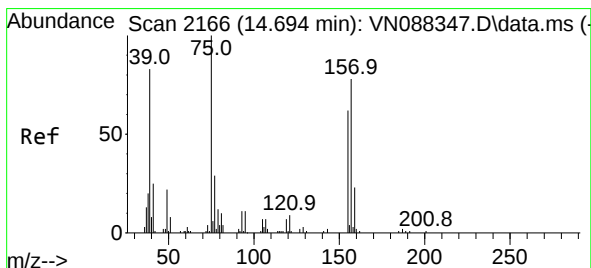
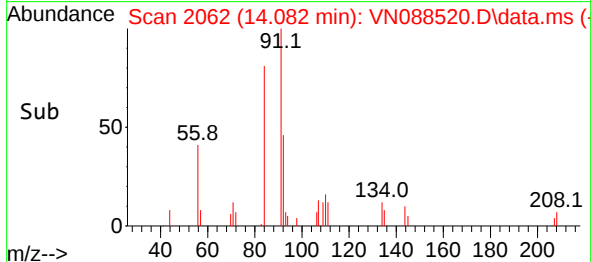
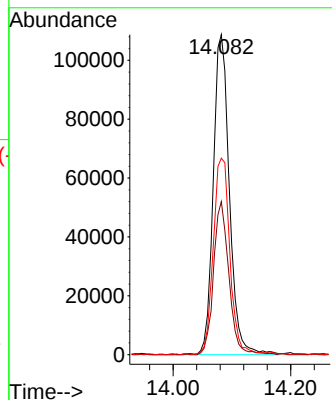
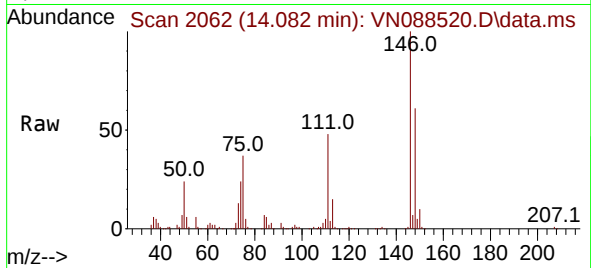




#91
 1,2-Dichlorobenzene
 Concen: 20.478 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN088520.D
 Acq: 16 Dec 2025 12:07

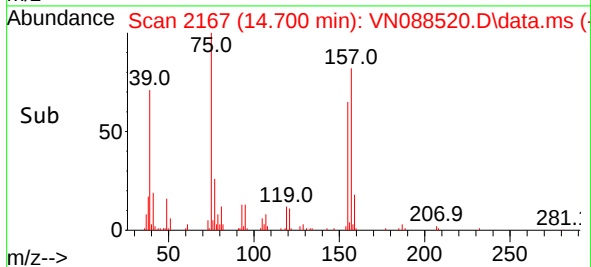
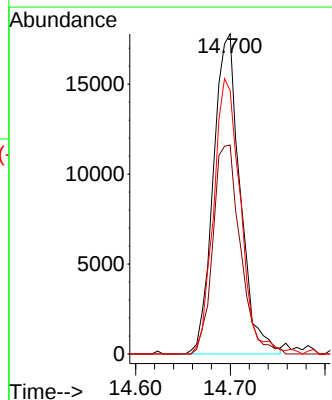
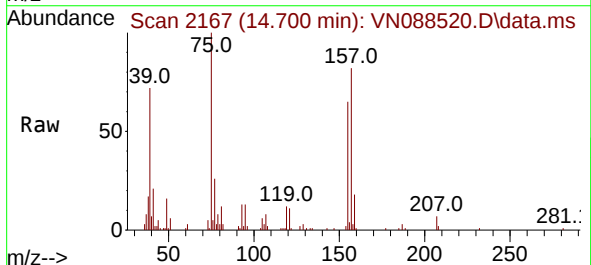
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS02

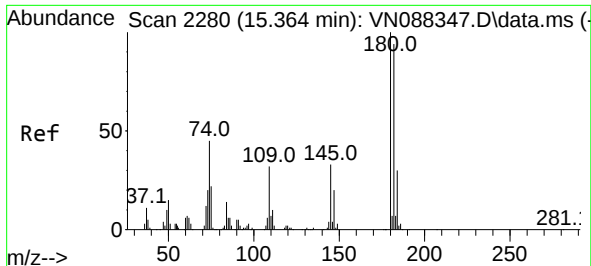
Tgt Ion:146 Resp: 207129
 Ion Ratio Lower Upper
 146 100
 111 45.5 23.3 69.9
 148 62.8 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.555 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.006 min
 Lab File: VN088520.D
 Acq: 16 Dec 2025 12:07

Tgt Ion: 75 Resp: 35121
 Ion Ratio Lower Upper
 75 100
 155 66.7 33.7 101.1
 157 86.2 43.8 131.3

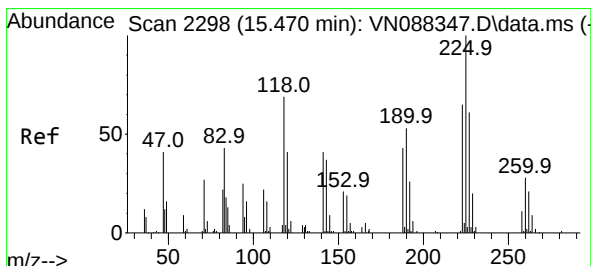
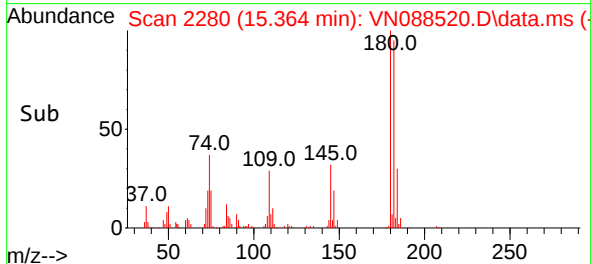
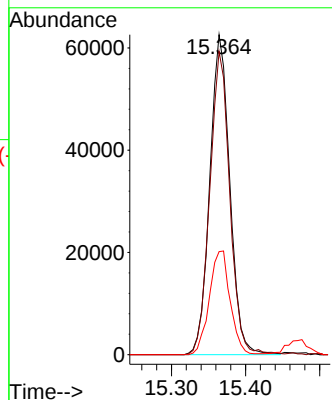
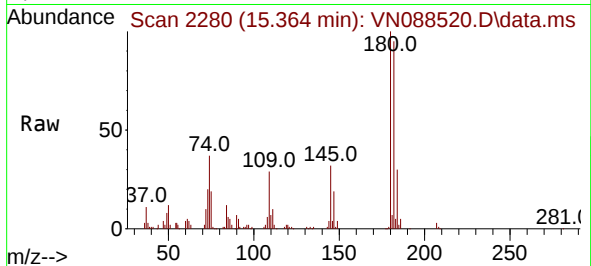




#93
 1,2,4-Trichlorobenzene
 Concen: 19.550 ug/l
 RT: 15.364 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VN088520.D
 Acq: 16 Dec 2025 12:07

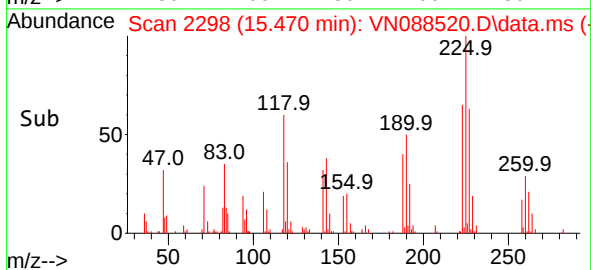
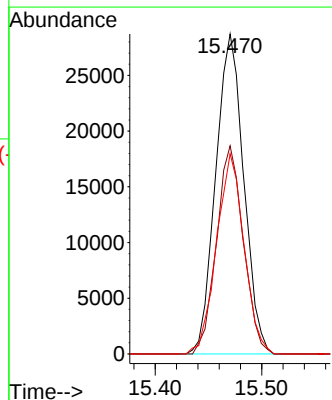
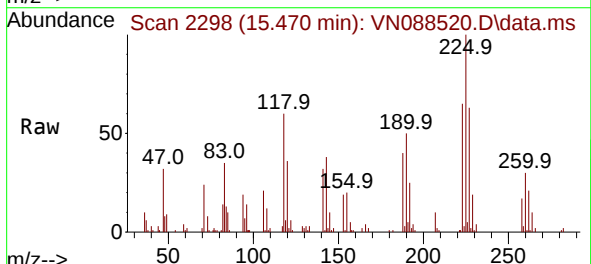
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS02

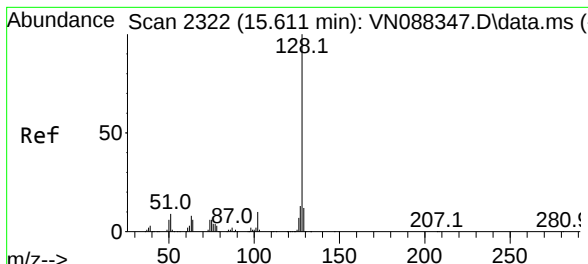
Tgt Ion:180 Resp: 117494
 Ion Ratio Lower Upper
 180 100
 182 94.6 46.1 138.2
 145 33.8 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 24.267 ug/l
 RT: 15.470 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VN088520.D
 Acq: 16 Dec 2025 12:07

Tgt Ion:225 Resp: 52408
 Ion Ratio Lower Upper
 225 100
 223 62.2 32.3 96.8
 227 61.4 29.9 89.8

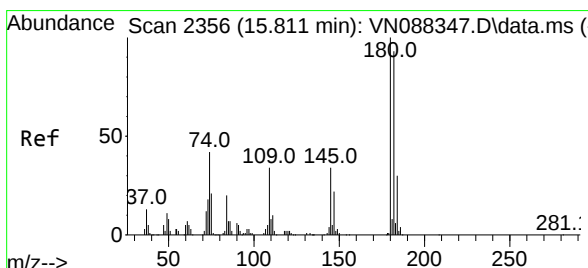
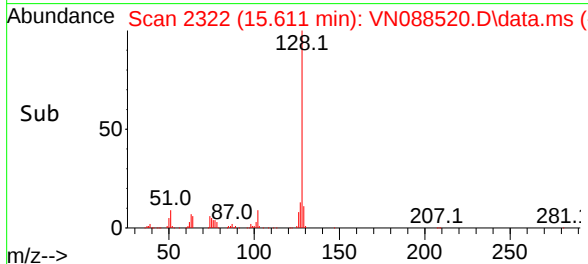
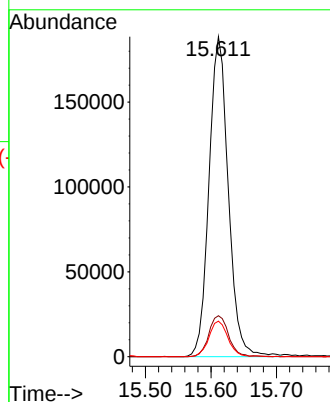
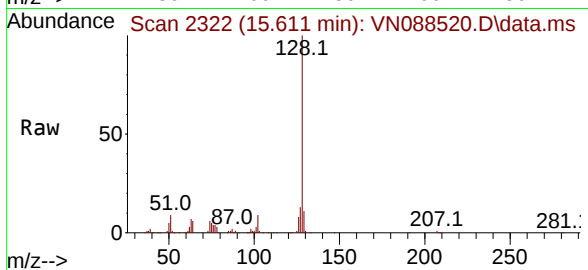




#95
Naphthalene
Concen: 18.524 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS02

Tgt Ion:	128	Resp:	385778
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	9.0	13.6



#96
1,2,3-Trichlorobenzene
Concen: 19.622 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088520.D
Acq: 16 Dec 2025 12:07

Tgt Ion:	180	Resp:	114768
Ion	Ratio	Lower	Upper
180	100		
182	96.8	45.9	137.7
145	34.9	17.8	53.4

