

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111825\
 Data File : VN088308.D
 Acq On : 18 Nov 2025 11:02
 Operator : JC\MD
 Sample : VN1118WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS01

Quant Time: Nov 19 03:31:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	231549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	449089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	413450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	207887	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	230517	57.572	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.140%	
35) Dibromofluoromethane	8.147	113	162572	53.885	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.780%	
50) Toluene-d8	10.541	98	582154	50.078	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	12.824	95	209643	51.064	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.120%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	44826	17.162	ug/l	94
3) Chloromethane	2.383	50	59370	19.321	ug/l	99
4) Vinyl Chloride	2.536	62	61573	18.391	ug/l	90
5) Bromomethane	2.983	94	38463	19.207	ug/l	98
6) Chloroethane	3.142	64	42412	17.582	ug/l	88
7) Trichlorofluoromethane	3.512	101	93465	17.503	ug/l	97
8) Diethyl Ether	3.965	74	41083	20.701	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	51905	18.837	ug/l	98
10) Methyl Iodide	4.589	142	46428	18.437	ug/l	93
11) Tert butyl alcohol	5.524	59	68139	98.781	ug/l	98
12) 1,1-Dichloroethene	4.336	96	51482	17.689	ug/l	88
13) Acrolein	4.171	56	71031	91.547	ug/l	98
14) Allyl chloride	5.018	41	99707	19.546	ug/l	100
15) Acrylonitrile	5.712	53	211180	112.391	ug/l	99
16) Acetone	4.418	43	216252	107.506	ug/l	99
17) Carbon Disulfide	4.706	76	149132	16.857	ug/l	98
18) Methyl Acetate	5.018	43	100226	24.338	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	221480	20.722	ug/l	94
20) Methylene Chloride	5.271	84	69380	20.547	ug/l	93
21) trans-1,2-Dichloroethene	5.771	96	61513	19.256	ug/l	89
22) Diisopropyl ether	6.659	45	241175	22.481	ug/l	97
23) Vinyl Acetate	6.589	43	1060520	109.745	ug/l	98
24) 1,1-Dichloroethane	6.553	63	128886	21.689	ug/l	98
25) 2-Butanone	7.471	43	304938	115.032	ug/l	96
26) 2,2-Dichloropropane	7.477	77	110845	20.526	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	77130	20.973	ug/l	99
28) Bromochloromethane	7.789	49	58334	20.775	ug/l	99
29) Tetrahydrofuran	7.824	42	193341	111.913	ug/l	96
30) Chloroform	7.947	83	133665	22.515	ug/l	98
31) Cyclohexane	8.241	56	101580	18.124	ug/l	96
32) 1,1,1-Trichloroethane	8.147	97	110179	20.837	ug/l	95
36) 1,1-Dichloropropene	8.353	75	84450	19.171	ug/l	98
37) Ethyl Acetate	7.547	43	117125	20.603	ug/l	98
38) Carbon Tetrachloride	8.341	117	90895	19.978	ug/l	96
39) Methylcyclohexane	9.577	83	86810	15.331	ug/l	96
40) Benzene	8.589	78	271039	20.203	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	60557	20.240	ug/l	96
42) 1,2-Dichloroethane	8.653	62	105282	22.086	ug/l	100
43) Isopropyl Acetate	8.671	43	186695	21.372	ug/l	98
44) Trichloroethene	9.336	130	61002	19.454	ug/l	99
45) 1,2-Dichloropropane	9.600	63	71755	21.186	ug/l	94
46) Dibromomethane	9.688	93	53355	22.088	ug/l	97
47) Bromodichloromethane	9.871	83	107262	22.179	ug/l	99
48) Methyl methacrylate	9.665	41	82989	20.578	ug/l	97
49) 1,4-Dioxane	9.677	88	19637	391.492	ug/l #	92
51) 4-Methyl-2-Pentanone	10.424	43	593839	114.913	ug/l	99
52) Toluene	10.606	92	166268	20.102	ug/l	95
53) t-1,3-Dichloropropene	10.818	75	106924	20.773	ug/l	97
54) cis-1,3-Dichloropropene	10.288	75	111922	20.491	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	69687	22.207	ug/l	96
56) Ethyl methacrylate	10.853	69	99972	20.131	ug/l	99
57) 1,3-Dichloropropane	11.141	76	117522	21.306	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	237375	91.895	ug/l	99
59) 2-Hexanone	11.177	43	382564	111.595	ug/l	98
60) Dibromochloromethane	11.335	129	77421	21.706	ug/l	99
61) 1,2-Dibromoethane	11.447	107	67831	21.003	ug/l	100
64) Tetrachloroethene	11.082	164	50809	18.631	ug/l	96
65) Chlorobenzene	11.871	112	181305	19.312	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.935	131	63556	20.664	ug/l	98
67) Ethyl Benzene	11.941	91	304766	18.494	ug/l	95
68) m/p-Xylenes	12.047	106	226957	36.757	ug/l	100
69) o-Xylene	12.377	106	109517	18.711	ug/l	97
70) Styrene	12.394	104	185914	19.478	ug/l	98
71) Bromoform	12.559	173	48397	21.085	ug/l #	96
73) Isopropylbenzene	12.671	105	275889	17.207	ug/l	99
74) N-amyl acetate	12.535	43	5688	1.250	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.912	83	103572	20.748	ug/l	98
76) 1,2,3-Trichloropropane	12.971	75	138559	29.152	ug/l	60
77) Bromobenzene	12.959	156	68599	19.841	ug/l	96
78) n-propylbenzene	13.012	91	347673	17.769	ug/l	100
79) 2-Chlorotoluene	13.100	91	214288	19.204	ug/l	96
80) 1,3,5-Trimethylbenzene	13.147	105	234923	17.642	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	29610	17.378	ug/l	89
82) 4-Chlorotoluene	13.200	91	221059	18.311	ug/l	98
83) tert-Butylbenzene	13.418	119	197002	16.561	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	240788	18.073	ug/l	99
85) sec-Butylbenzene	13.594	105	290586	16.627	ug/l	99
86) p-Isopropyltoluene	13.706	119	240061	17.123	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	133135	19.289	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	137006	18.481	ug/l	99
89) n-Butylbenzene	14.035	91	229738	16.543	ug/l	100
90) Hexachloroethane	14.312	117	48263	17.777	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	127312	19.135	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22486	19.353	ug/l	98
93) 1,2,4-Trichlorobenzene	15.365	180	70453	17.485	ug/l	99
94) Hexachlorobutadiene	15.476	225	26862	17.902	ug/l	99
95) Naphthalene	15.612	128	237762	17.225	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	70848	18.338	ug/l	99

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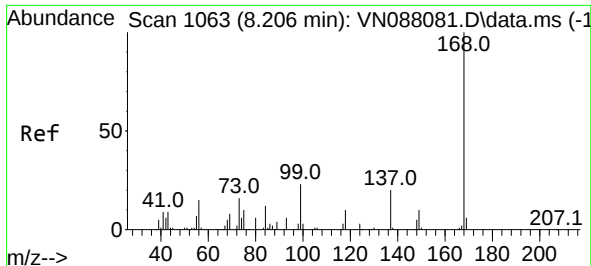
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Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

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

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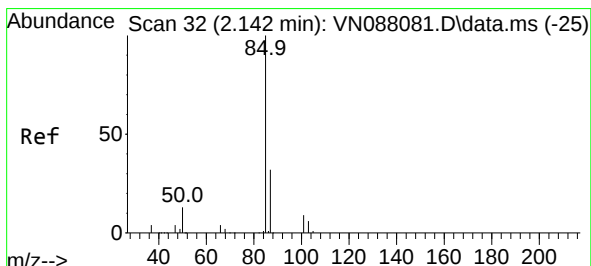
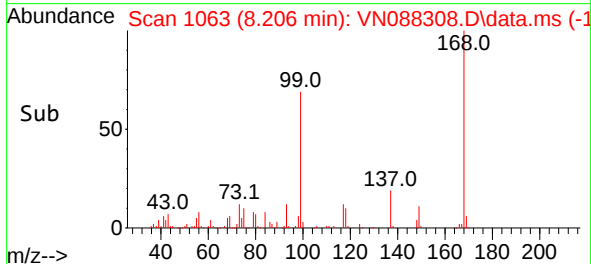
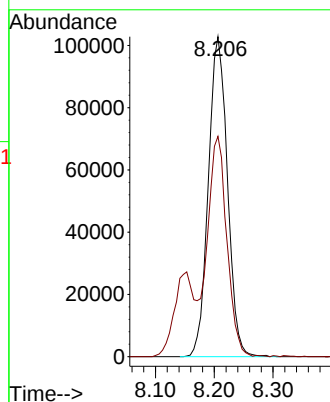
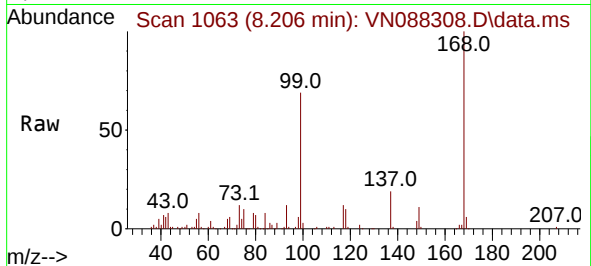




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088308.D
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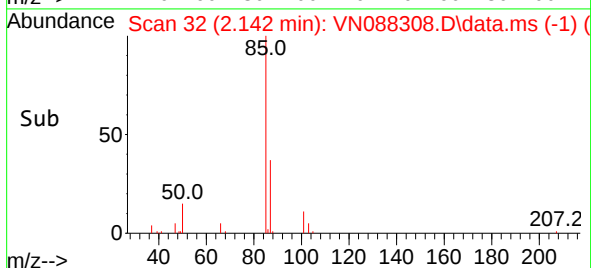
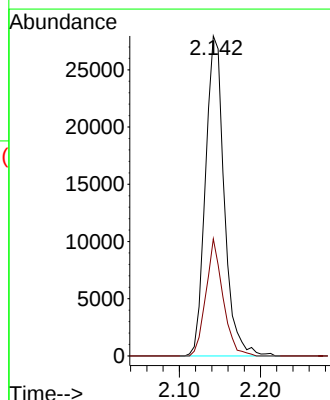
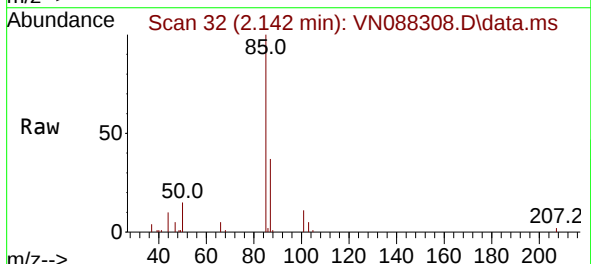
Instrument :
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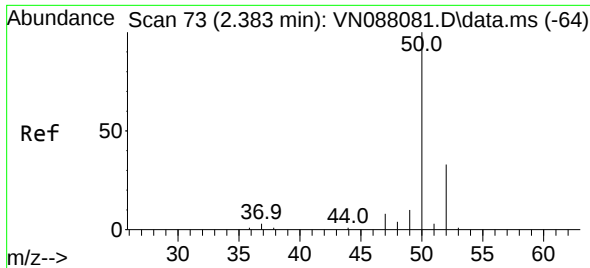
Tgt Ion:168 Resp: 231549
Ion Ratio Lower Upper
168 100
99 68.9 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 17.162 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 85 Resp: 44826
Ion Ratio Lower Upper
85 100
87 36.6 16.6 49.8

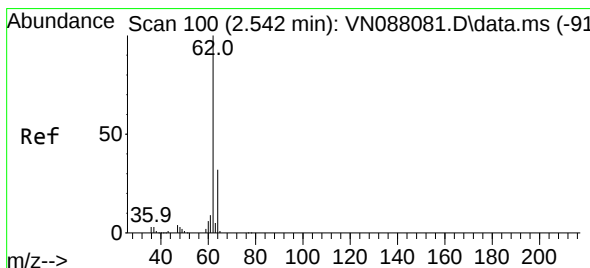
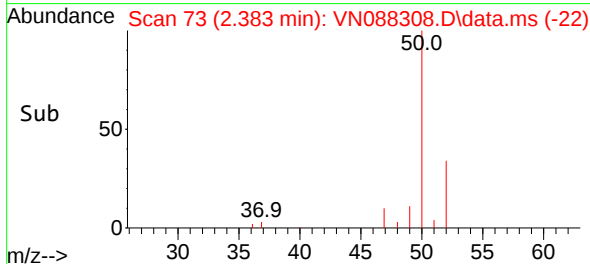
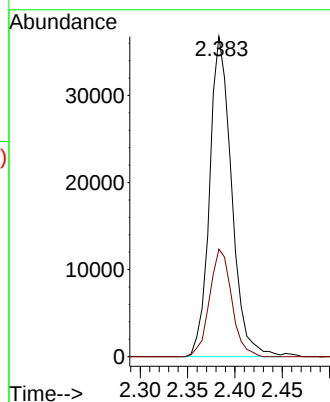
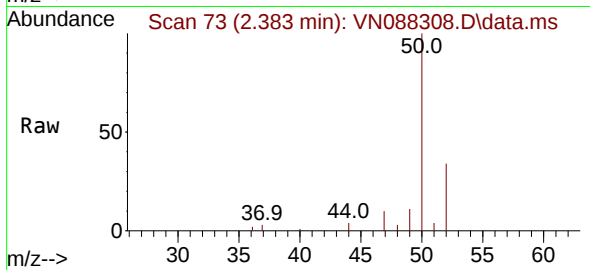




#3
Chloromethane
Concen: 19.321 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

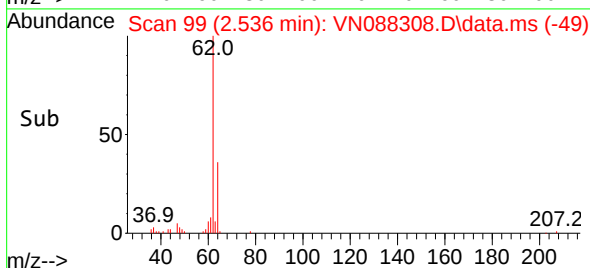
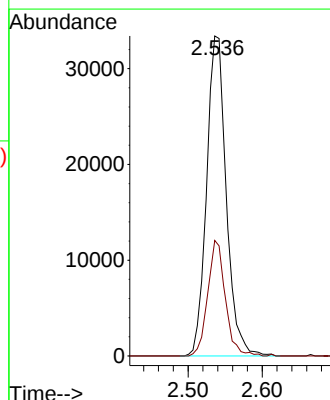
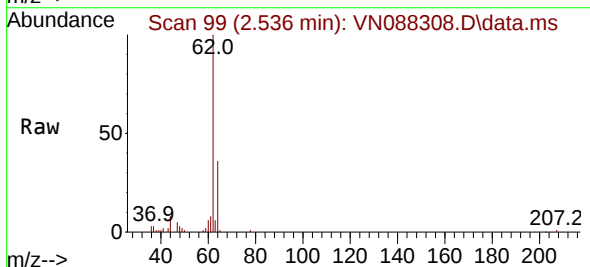
Instrument :
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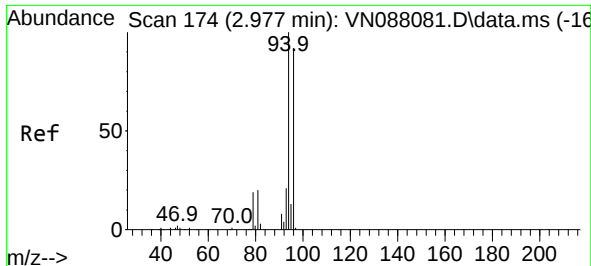
Tgt Ion: 50 Resp: 59370
Ion Ratio Lower Upper
50 100
52 33.6 26.2 39.4



#4
Vinyl Chloride
Concen: 18.391 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 62 Resp: 61573
Ion Ratio Lower Upper
62 100
64 36.1 24.6 37.0

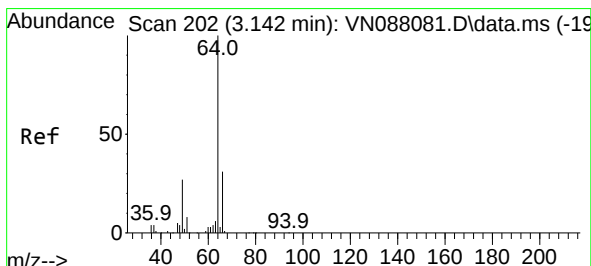
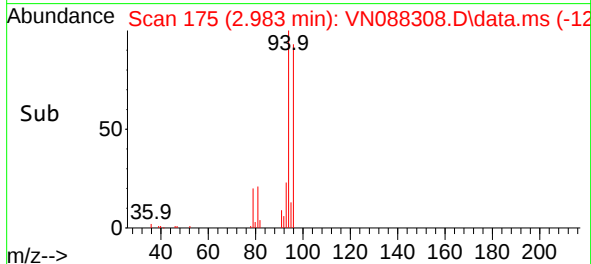
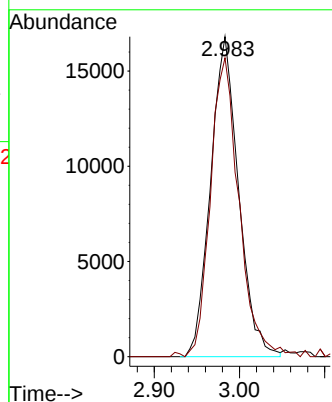
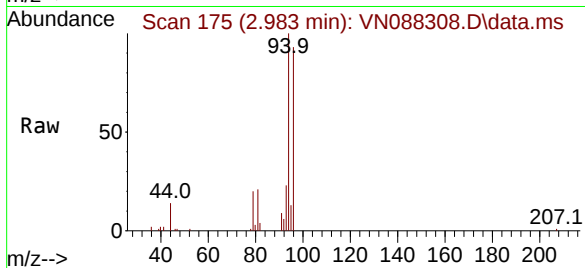




#5
Bromomethane
Concen: 19.207 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

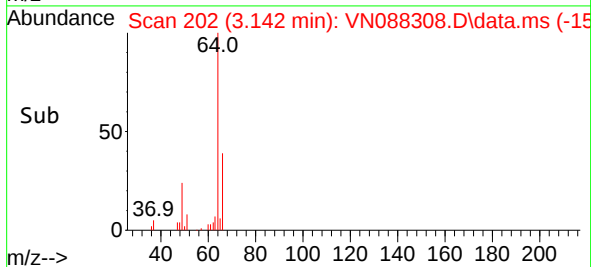
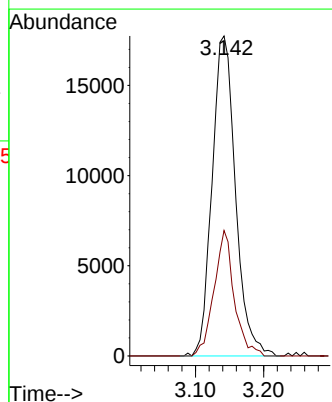
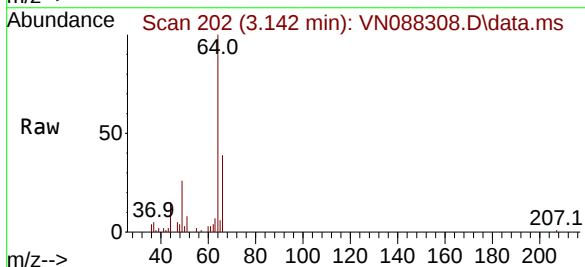
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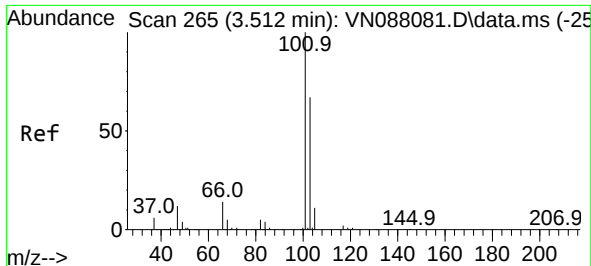
Tgt Ion: 94 Resp: 38463
Ion Ratio Lower Upper
94 100
96 92.4 75.4 113.2



#6
Chloroethane
Concen: 17.582 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 64 Resp: 42412
Ion Ratio Lower Upper
64 100
66 39.2 26.2 39.2

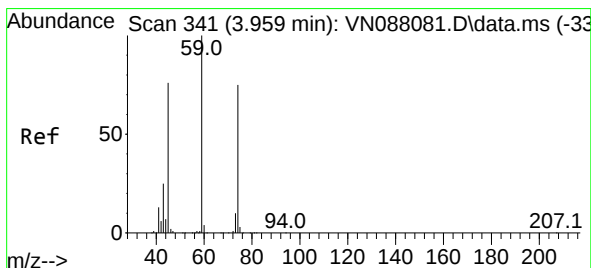
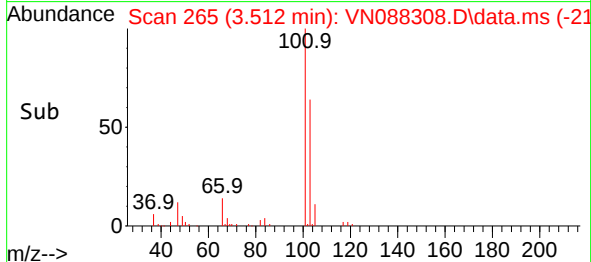
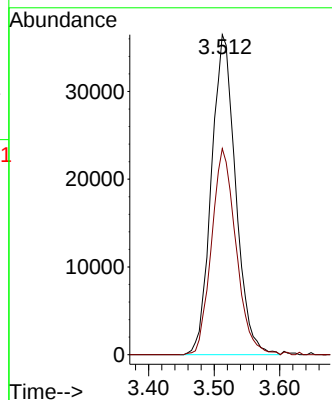
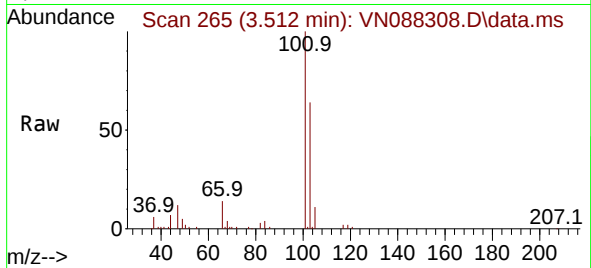




#7
 Trichlorofluoromethane
 Concen: 17.503 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN088308.D
 Acq: 18 Nov 2025 11:02

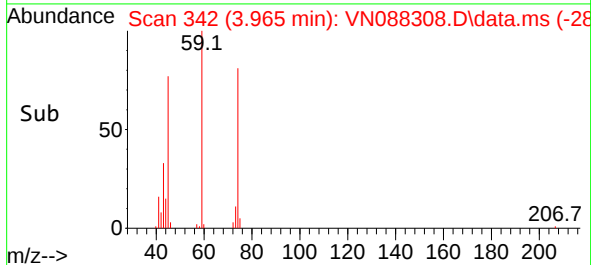
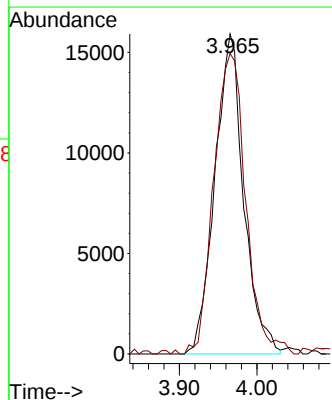
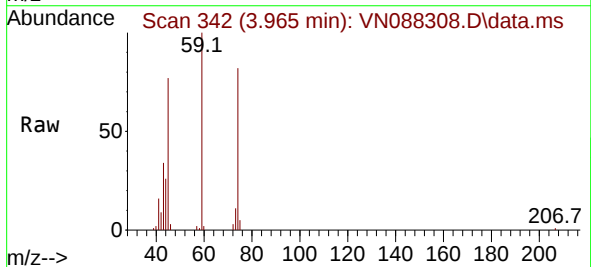
Instrument :
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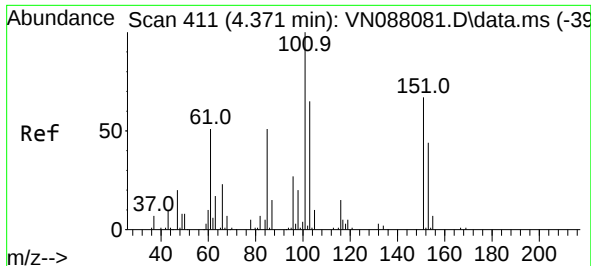
Tgt Ion:101 Resp: 93465
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.4 74.0



#8
 Diethyl Ether
 Concen: 20.701 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN088308.D
 Acq: 18 Nov 2025 11:02

Tgt Ion: 74 Resp: 41083
 Ion Ratio Lower Upper
 74 100
 45 104.2 50.6 151.9

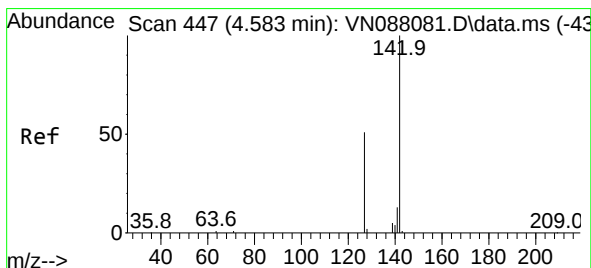
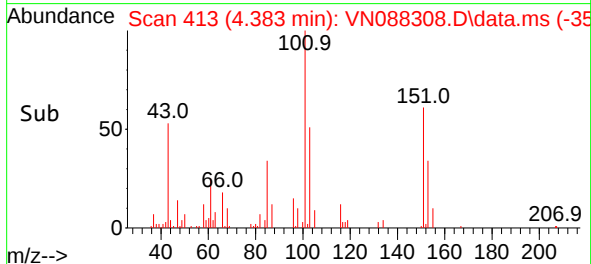
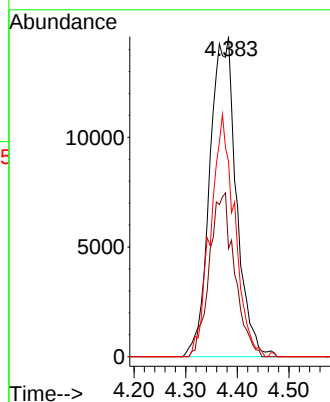
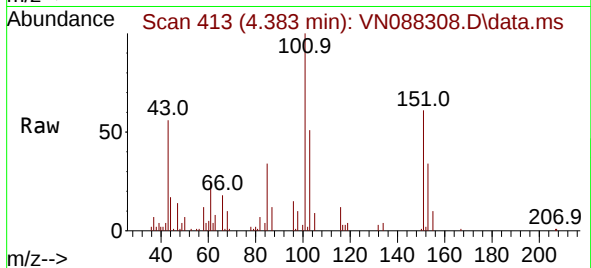




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.837 ug/l
RT: 4.383 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

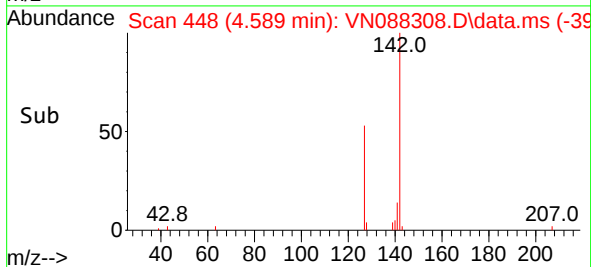
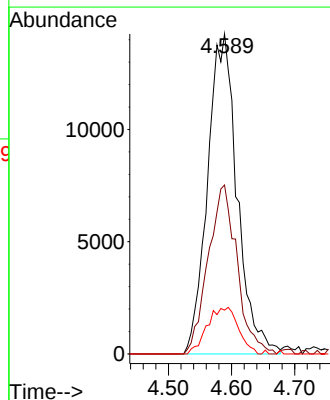
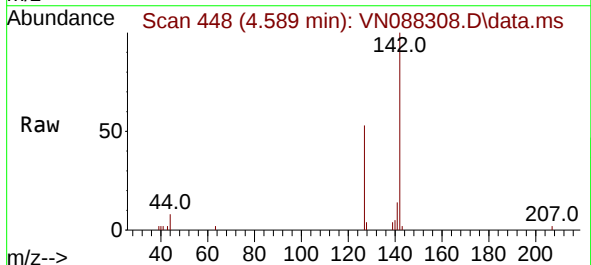
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

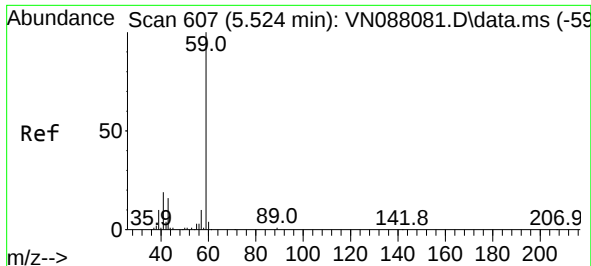
Tgt Ion:101 Resp: 51905
Ion Ratio Lower Upper
101 100
85 48.6 36.6 55.0
151 68.9 54.7 82.1



#10
Methyl Iodide
Concen: 18.437 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion:142 Resp: 46428
Ion Ratio Lower Upper
142 100
127 52.8 38.0 57.0
141 13.7 12.0 18.0

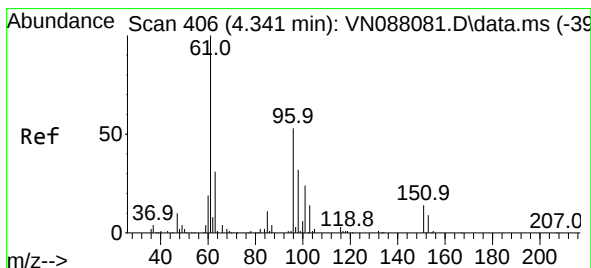
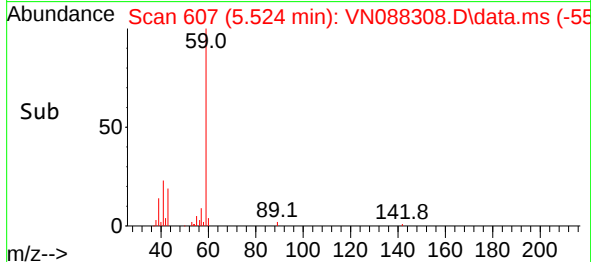
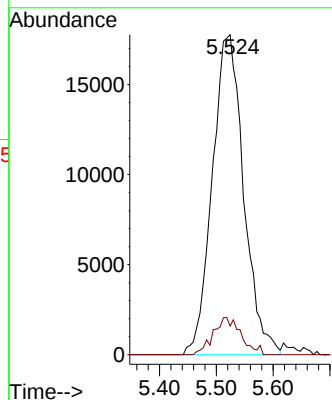
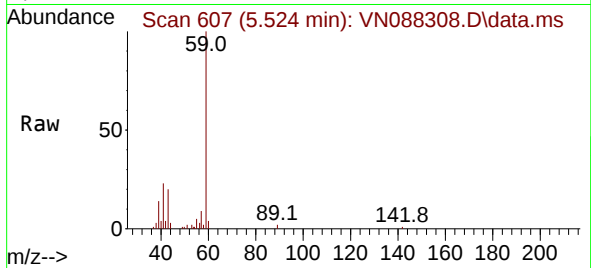




#11
Tert butyl alcohol
Concen: 98.781 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

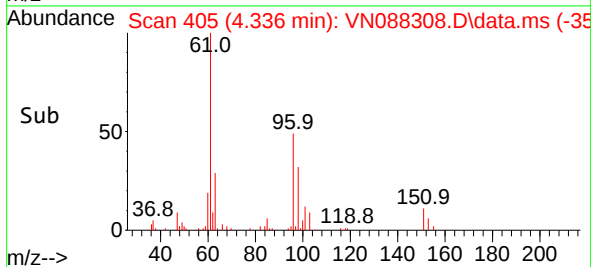
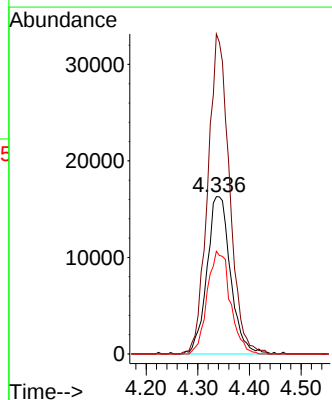
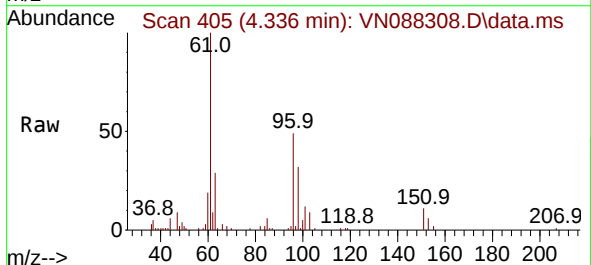
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

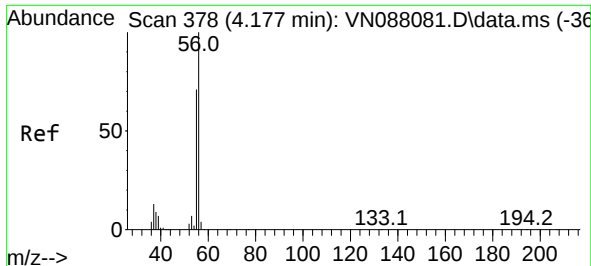
Tgt Ion: 59 Resp: 68139
Ion Ratio Lower Upper
59 100
57 10.3 9.0 13.4



#12
1,1-Dichloroethene
Concen: 17.689 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 96 Resp: 51482
Ion Ratio Lower Upper
96 100
61 203.5 143.8 215.8
98 65.3 52.1 78.1

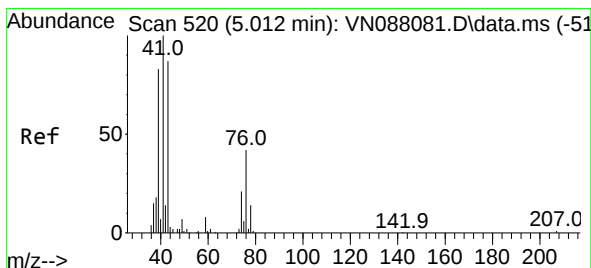
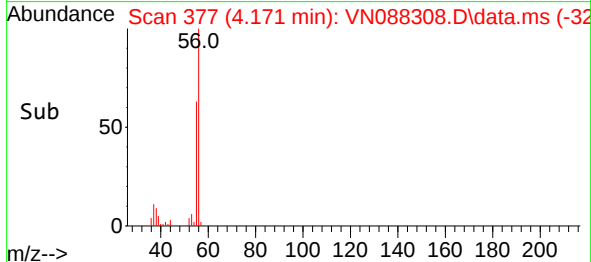
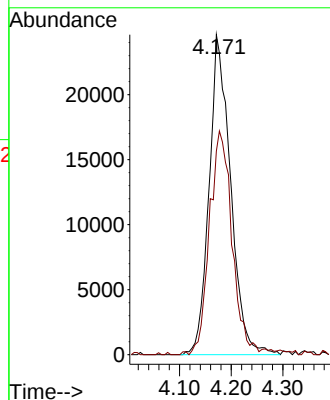
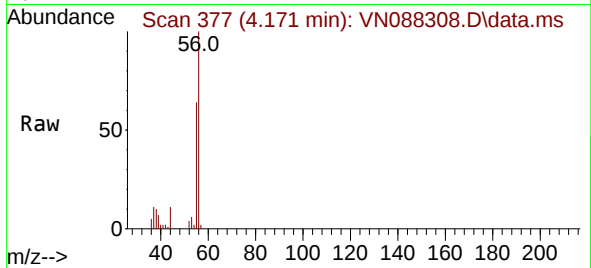




#13
Acrolein
Concen: 91.547 ug/l
RT: 4.171 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

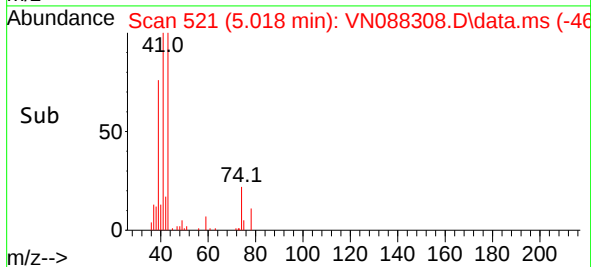
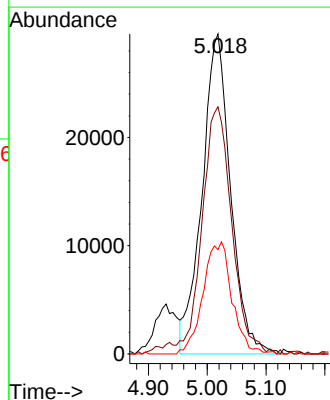
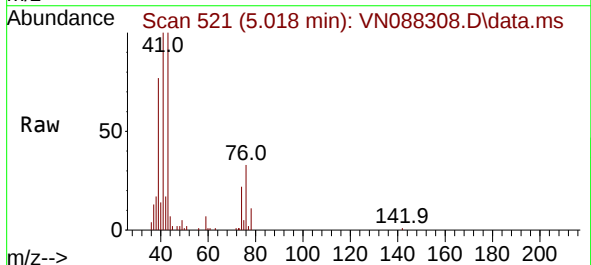
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

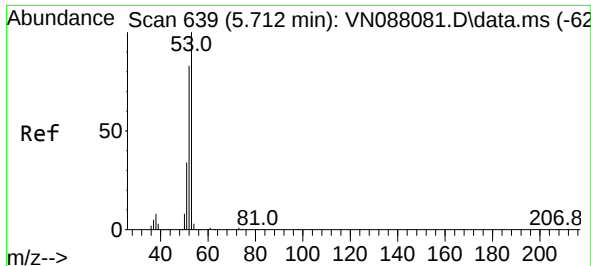
Tgt Ion: 56 Resp: 71031
Ion Ratio Lower Upper
56 100
55 73.4 57.3 85.9



#14
Allyl chloride
Concen: 19.546 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.012 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 41 Resp: 99707
Ion Ratio Lower Upper
41 100
39 79.8 63.9 95.9
76 35.6 28.1 42.1

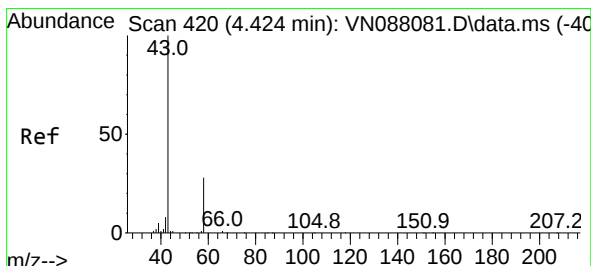
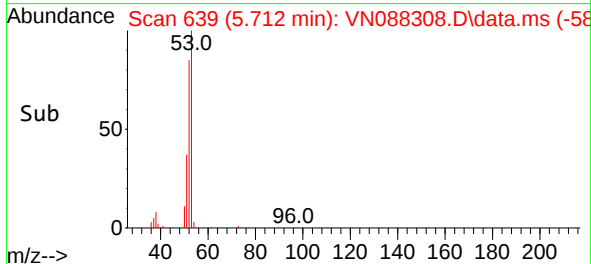
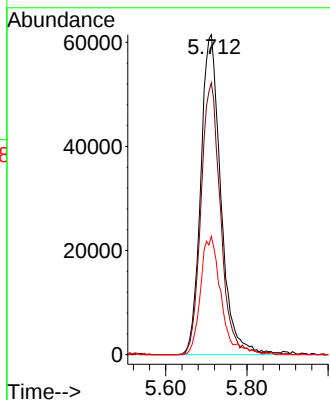
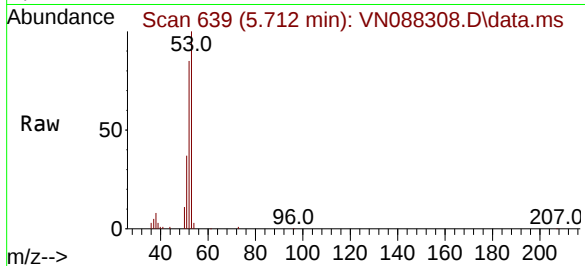




#15
Acrylonitrile
Concen: 112.391 ug/l
RT: 5.712 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

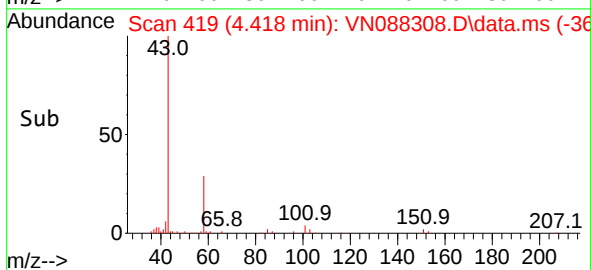
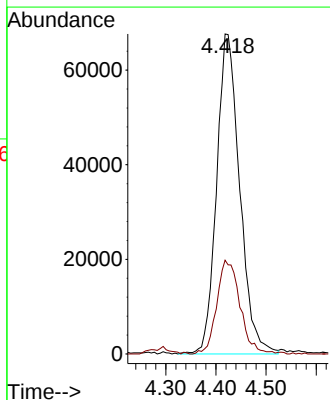
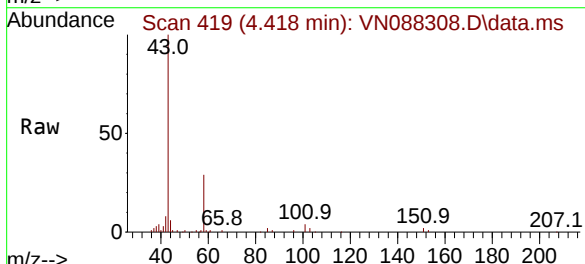
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

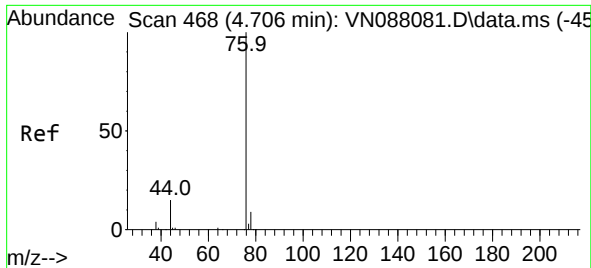
Tgt Ion: 53 Resp: 211180
Ion Ratio Lower Upper
53 100
52 82.7 67.6 101.4
51 37.7 30.1 45.1



#16
Acetone
Concen: 107.506 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 43 Resp: 216252
Ion Ratio Lower Upper
43 100
58 28.8 22.6 33.8

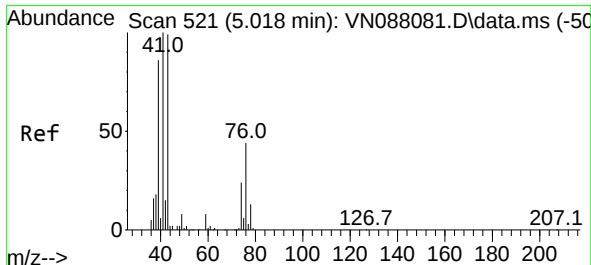
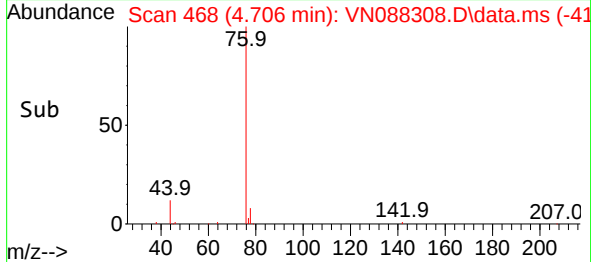
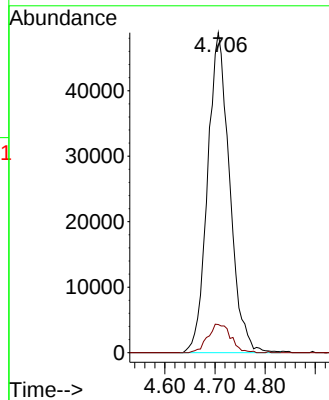
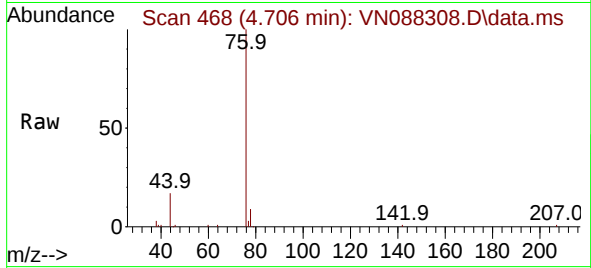




#17
Carbon Disulfide
Concen: 16.857 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

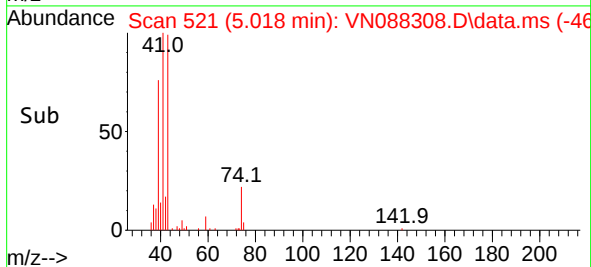
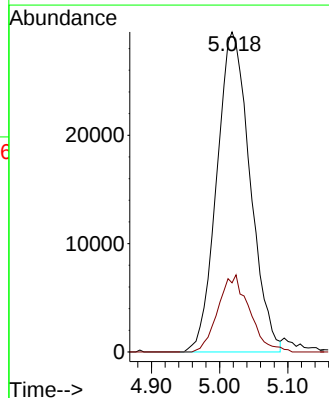
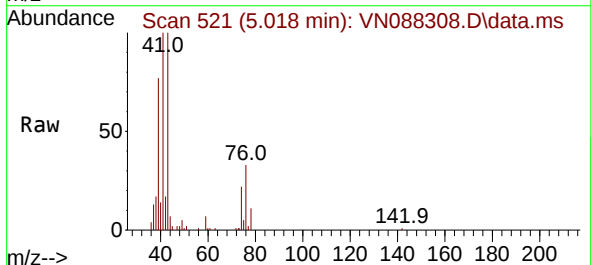
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

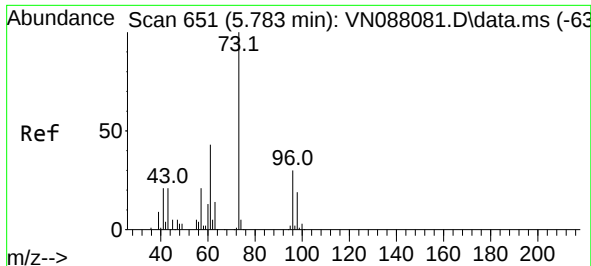
Tgt Ion: 76 Resp: 149132
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#18
Methyl Acetate
Concen: 24.338 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 43 Resp: 100226
Ion Ratio Lower Upper
43 100
74 22.8 17.6 26.4

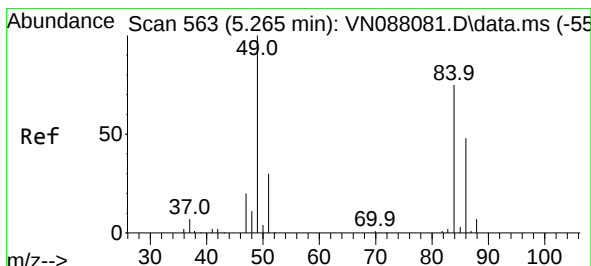
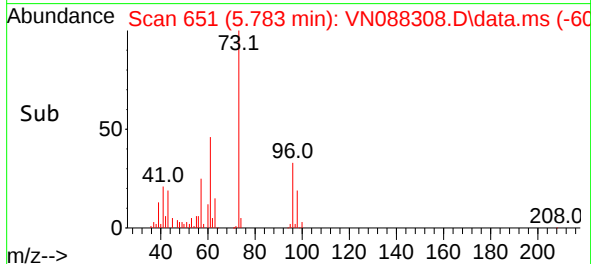
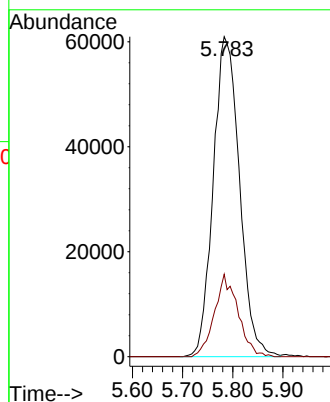
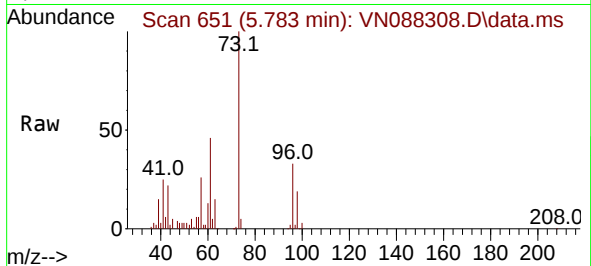




#19
Methyl tert-butyl Ether
Concen: 20.722 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

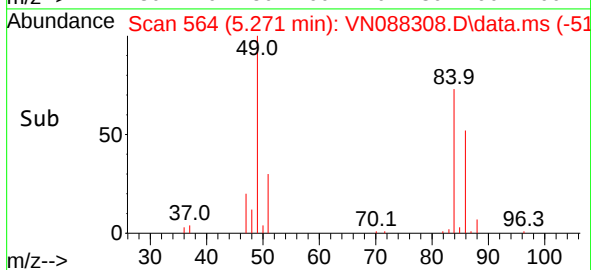
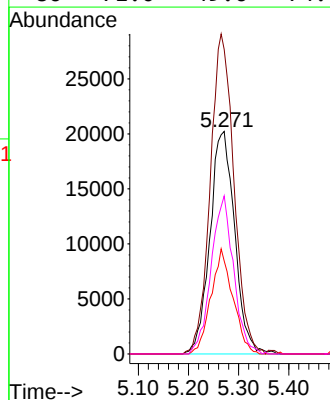
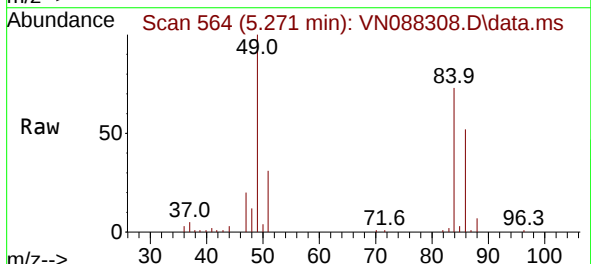
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

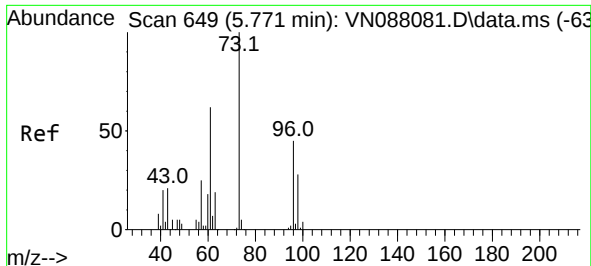
Tgt Ion: 73 Resp: 221480
Ion Ratio Lower Upper
73 100
57 25.7 18.4 27.6



#20
Methylene Chloride
Concen: 20.547 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 84 Resp: 69380
Ion Ratio Lower Upper
84 100
49 136.8 103.4 155.2
51 41.8 33.8 50.8
86 71.0 49.6 74.4

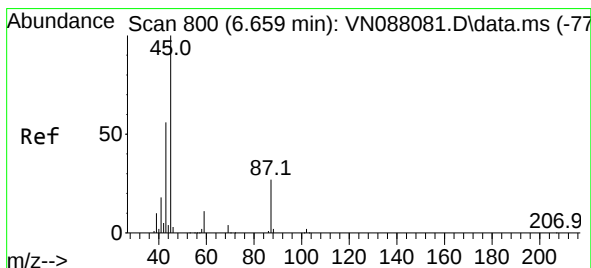
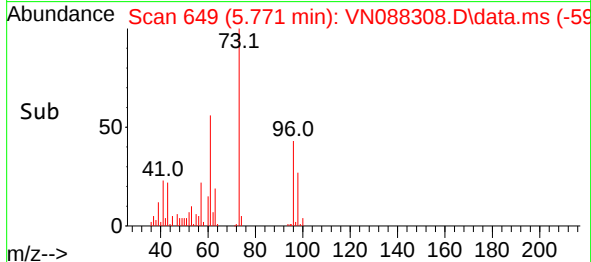
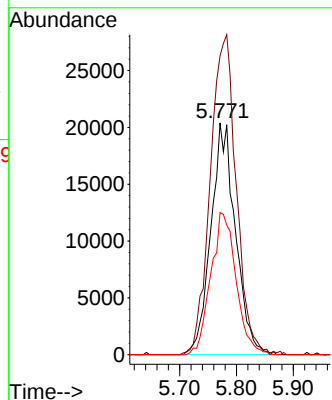
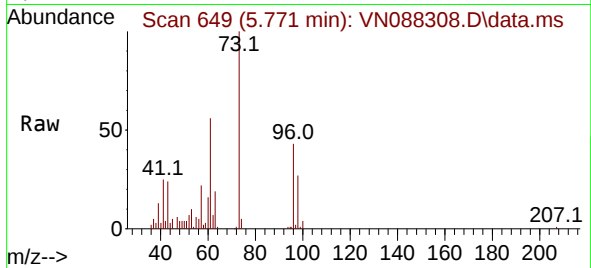




#21
trans-1,2-Dichloroethene
Concen: 19.256 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

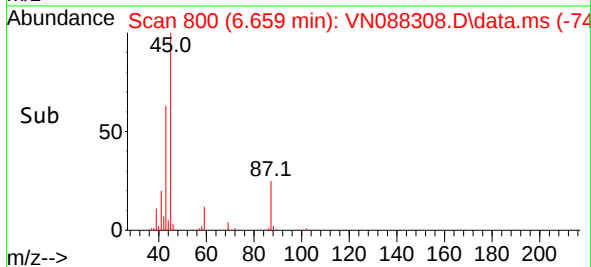
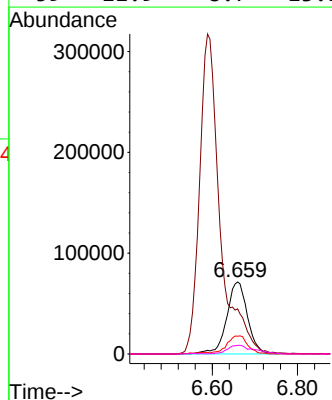
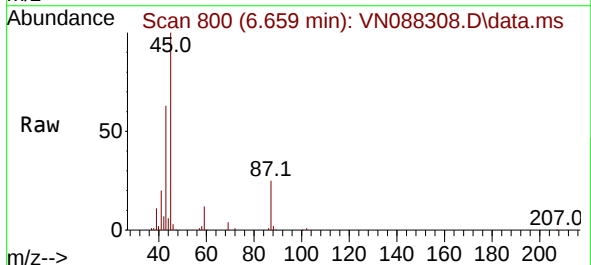
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

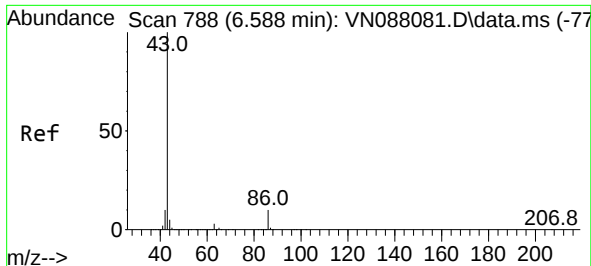
Tgt Ion: 96 Resp: 61513
Ion Ratio Lower Upper
96 100
61 128.8 118.0 177.0
98 61.3 50.0 75.0



#22
Diisopropyl ether
Concen: 22.481 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 45 Resp: 241175
Ion Ratio Lower Upper
45 100
43 61.7 47.7 71.5
87 24.4 21.4 32.0
59 11.9 8.7 13.1

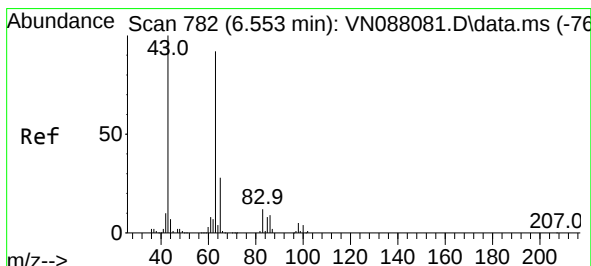
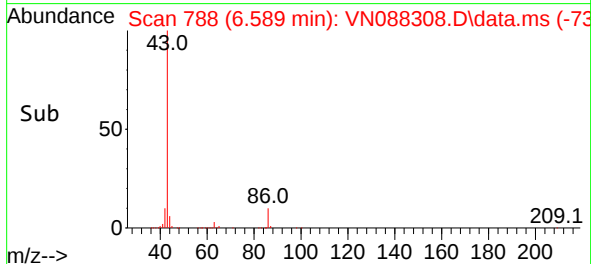
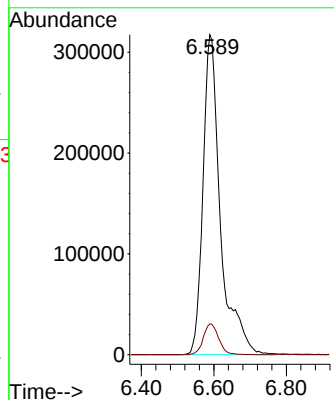
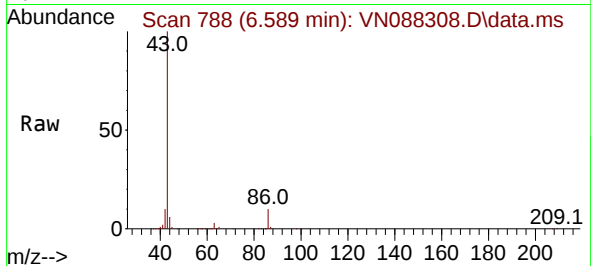




#23
 Vinyl Acetate
 Concen: 109.745 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088308.D
 Acq: 18 Nov 2025 11:02

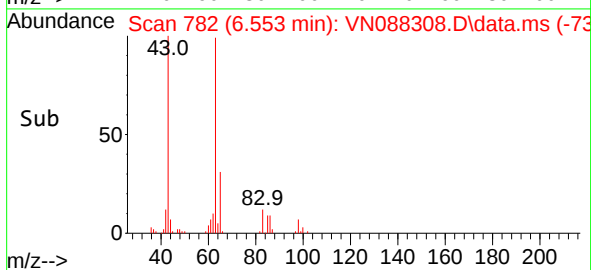
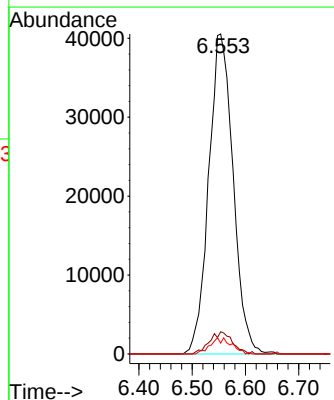
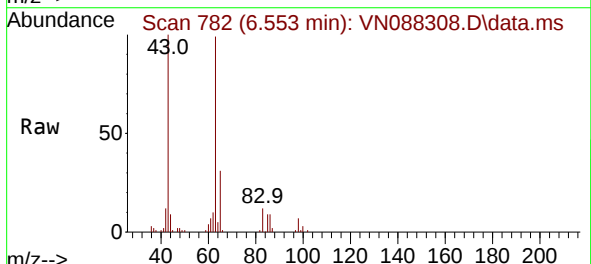
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS01

Tgt Ion: 43 Resp: 1060520
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 21.689 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088308.D
 Acq: 18 Nov 2025 11:02

Tgt Ion: 63 Resp: 128886
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 3.4 2.0 6.0

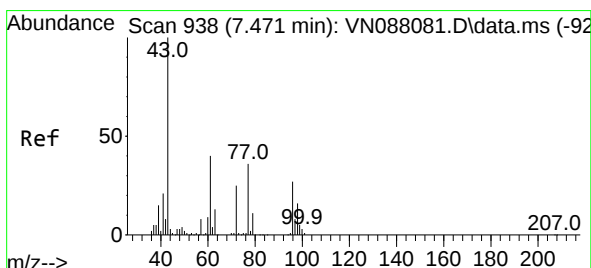
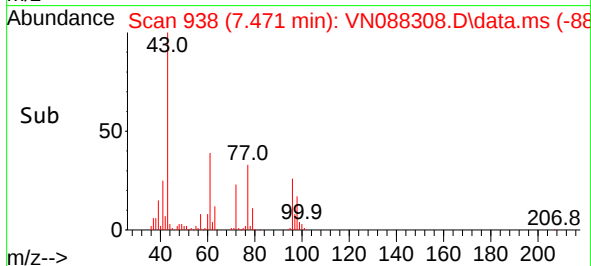
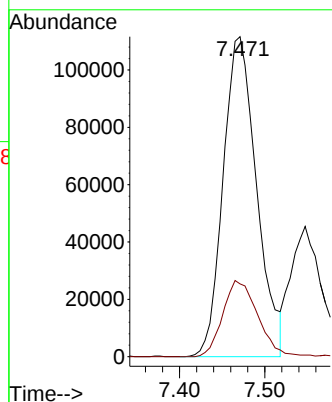
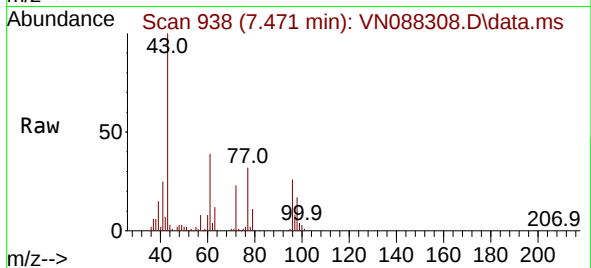




#25
2-Butanone
Concen: 115.032 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

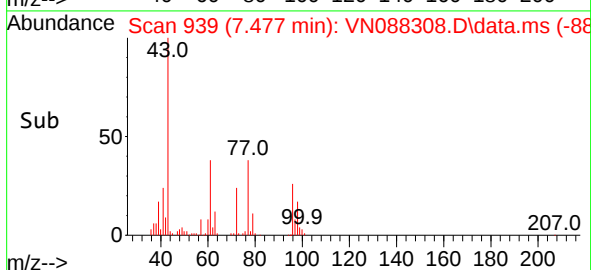
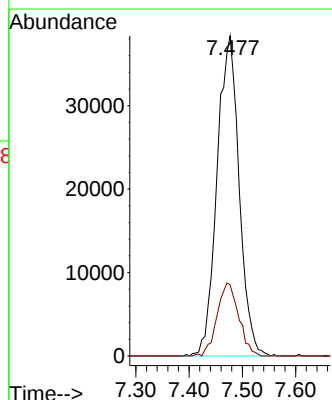
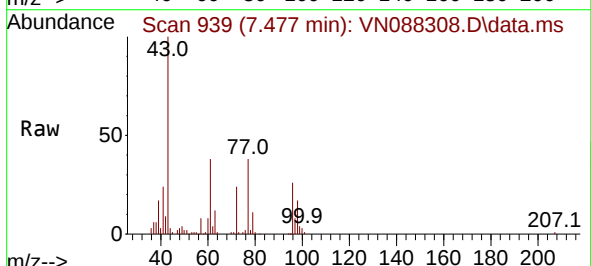
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion: 43 Resp: 304938
Ion Ratio Lower Upper
43 100
72 22.7 19.9 29.9



#26
2,2-Dichloropropane
Concen: 20.526 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 77 Resp: 110845
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.7

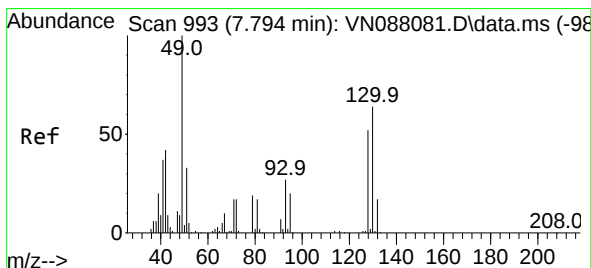
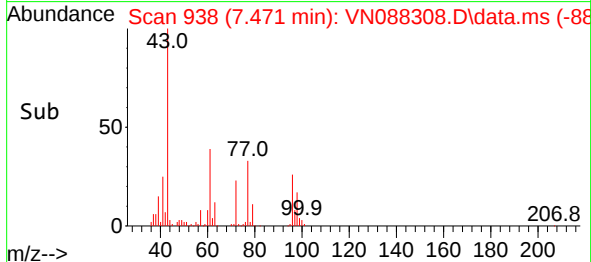
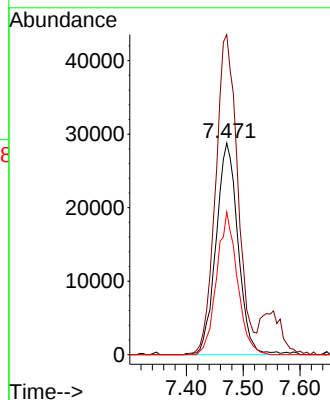
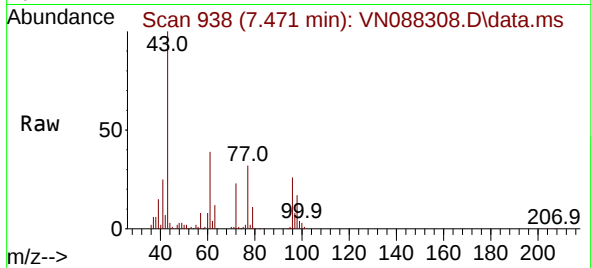




#27
 cis-1,2-Dichloroethene
 Concen: 20.973 ug/l
 RT: 7.471 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN088308.D
 Acq: 18 Nov 2025 11:02

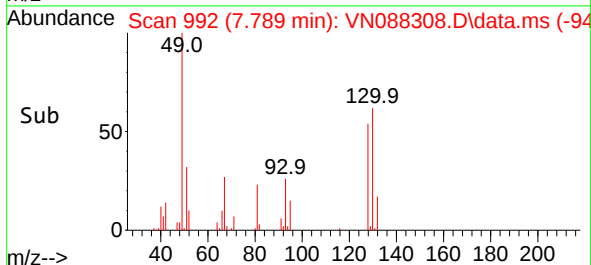
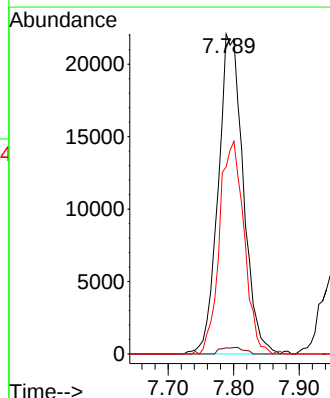
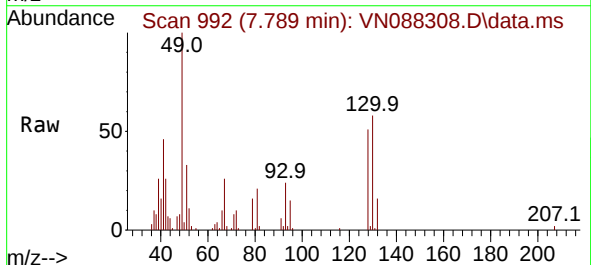
Instrument :
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 ClientSampleId :
 VN1118WBS01

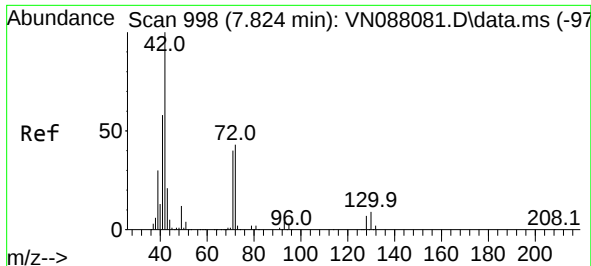
Tgt Ion: 96 Resp: 77130
 Ion Ratio Lower Upper
 96 100
 61 152.8 0.0 301.8
 98 63.3 0.0 126.2



#28
 Bromochloromethane
 Concen: 20.775 ug/l
 RT: 7.789 min Scan# 992
 Delta R.T. -0.012 min
 Lab File: VN088308.D
 Acq: 18 Nov 2025 11:02

Tgt Ion: 49 Resp: 58334
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.0
 130 65.3 53.1 79.7





#29

Tetrahydrofuran

Concen: 111.913 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

Lab File: VN088308.D

Acq: 18 Nov 2025 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

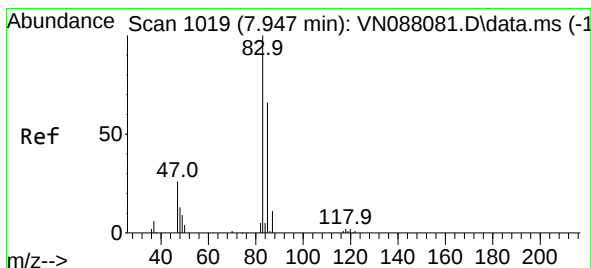
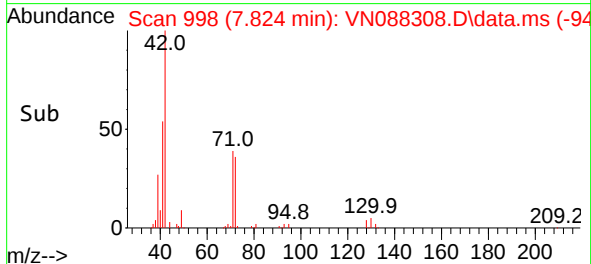
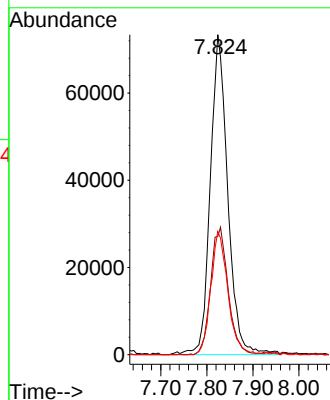
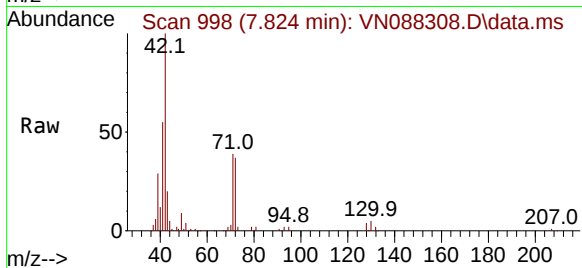
Tgt Ion: 42 Resp: 193341

Ion Ratio Lower Upper

42 100

72 39.9 33.7 50.5

71 37.6 31.9 47.9



#30

Chloroform

Concen: 22.515 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN088308.D

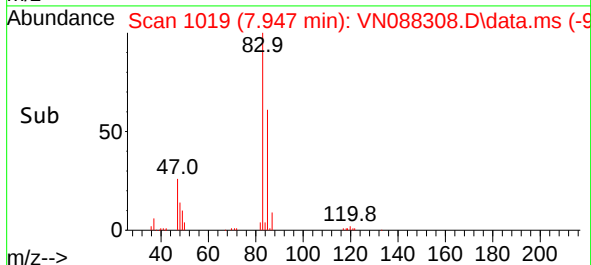
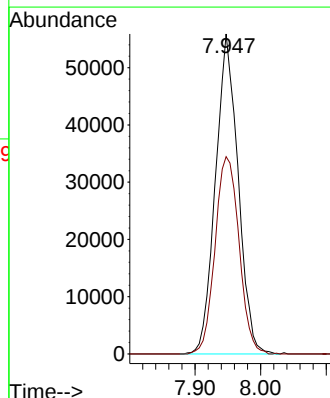
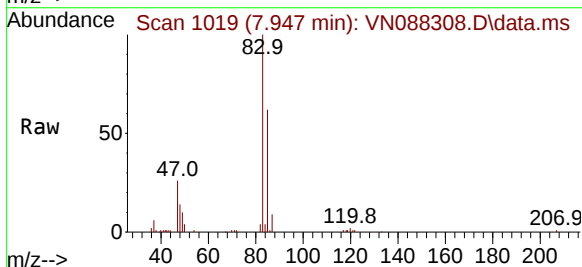
Acq: 18 Nov 2025 11:02

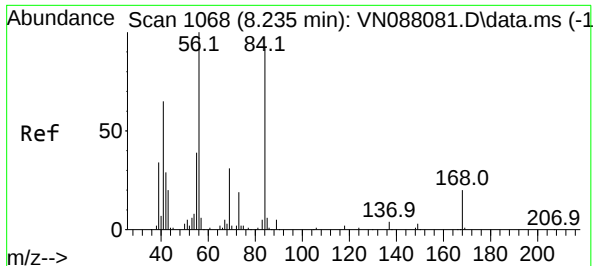
Tgt Ion: 83 Resp: 133665

Ion Ratio Lower Upper

83 100

85 61.6 50.7 76.1

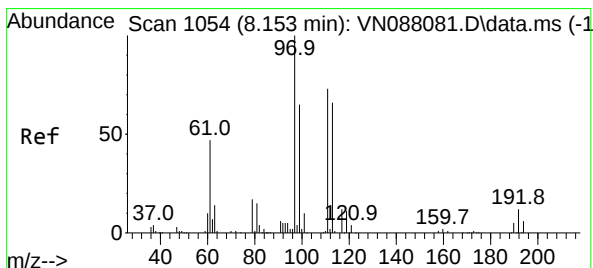
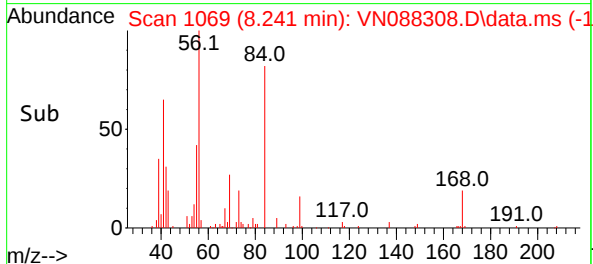
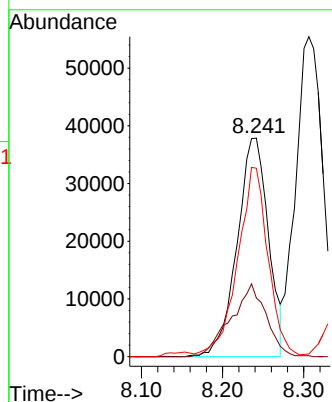
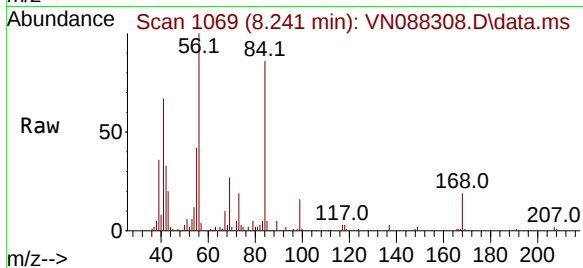




#31
Cyclohexane
Concen: 18.124 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

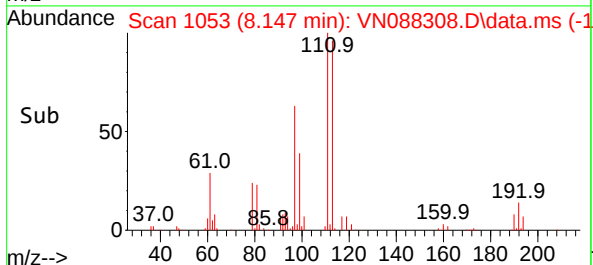
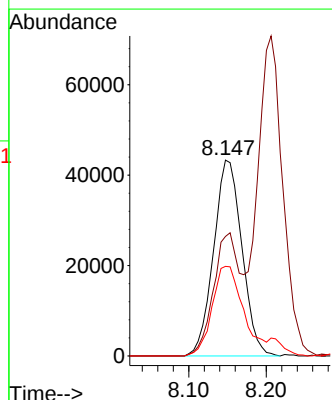
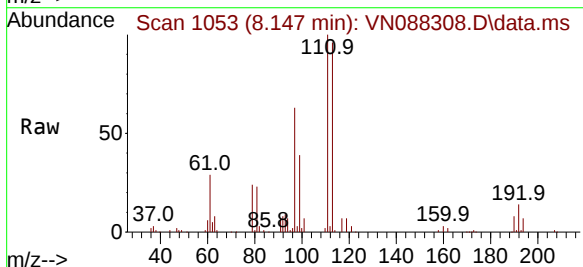
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

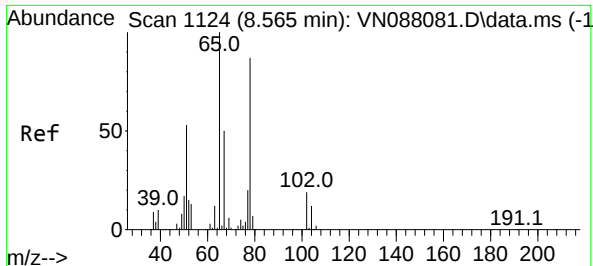
Tgt Ion: 56 Resp: 101580
Ion Ratio Lower Upper
56 100
69 26.8 23.7 35.5
84 84.4 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 20.837 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 97 Resp: 110179
Ion Ratio Lower Upper
97 100
99 59.0 52.2 78.2
61 50.6 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 57.572 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088308.D

Acq: 18 Nov 2025 11:02

Instrument :

MSVOA_N

ClientSampleId :

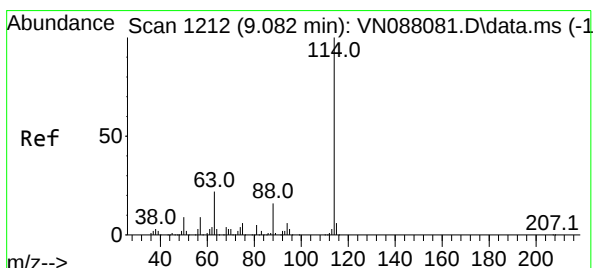
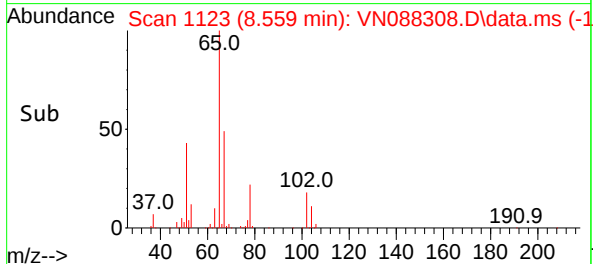
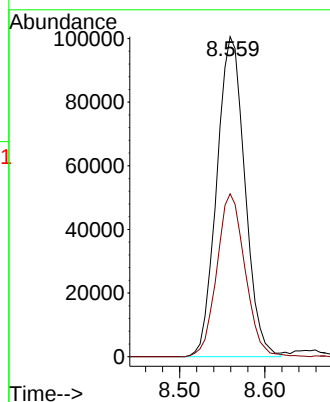
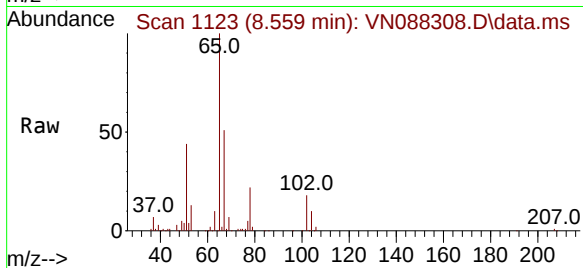
VN1118WBS01

Tgt Ion: 65 Resp: 230517

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088308.D

Acq: 18 Nov 2025 11:02

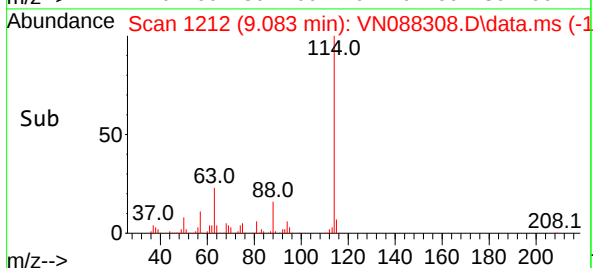
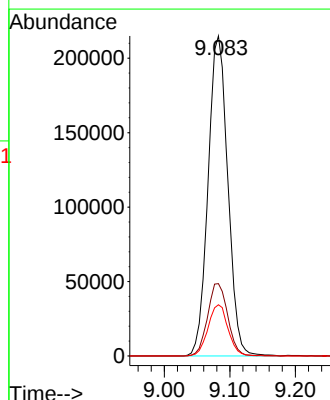
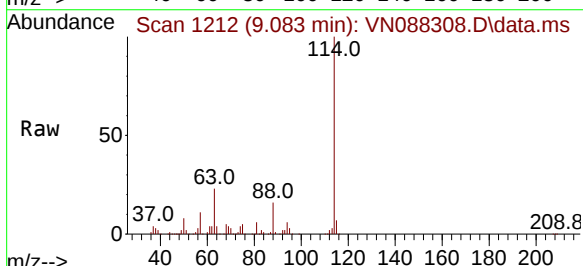
Tgt Ion: 114 Resp: 449089

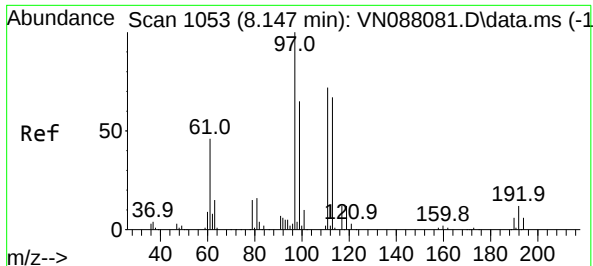
Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.2

88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.885 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088308.D

Acq: 18 Nov 2025 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

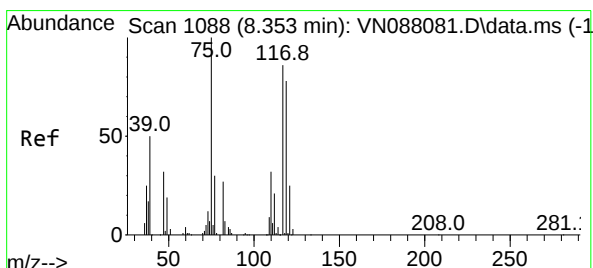
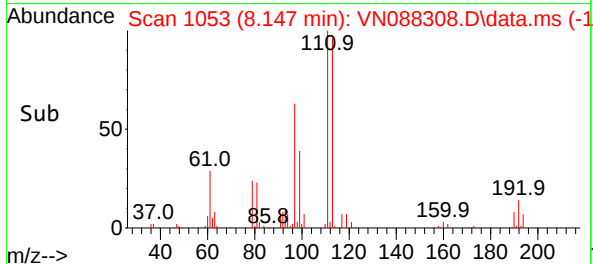
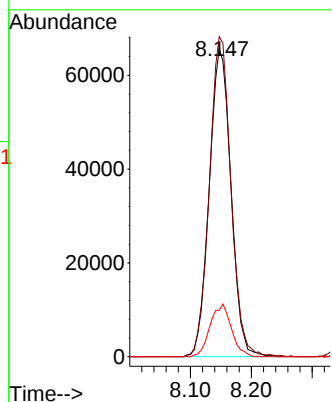
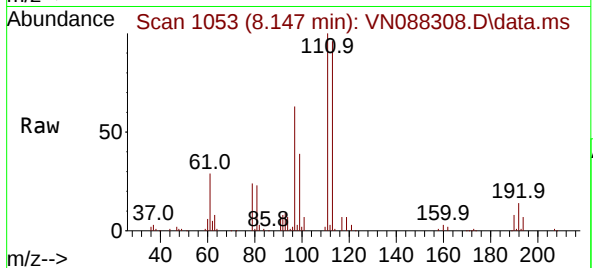
Tgt Ion:113 Resp: 162572

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

192 16.7 12.8 19.2



#36

1,1-Dichloropropene

Concen: 19.171 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN088308.D

Acq: 18 Nov 2025 11:02

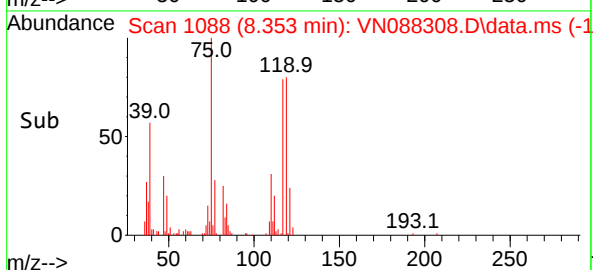
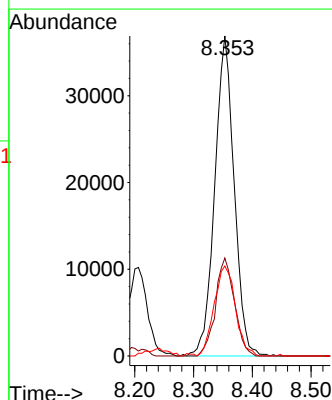
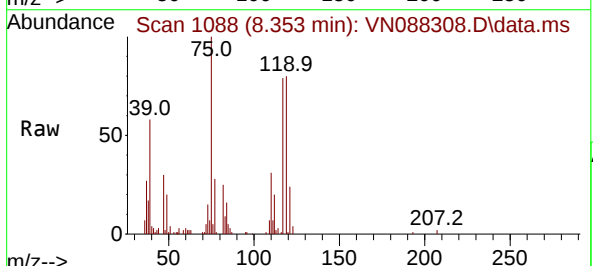
Tgt Ion: 75 Resp: 84450

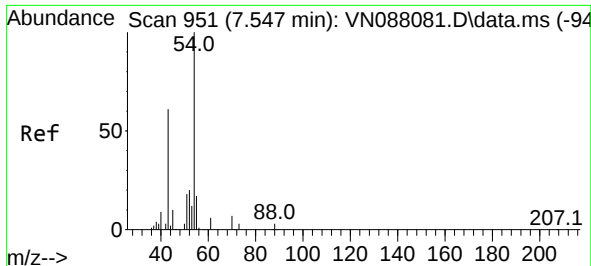
Ion Ratio Lower Upper

75 100

110 30.0 15.9 47.6

77 30.8 24.4 36.6

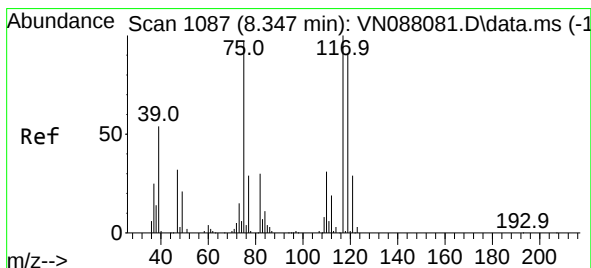
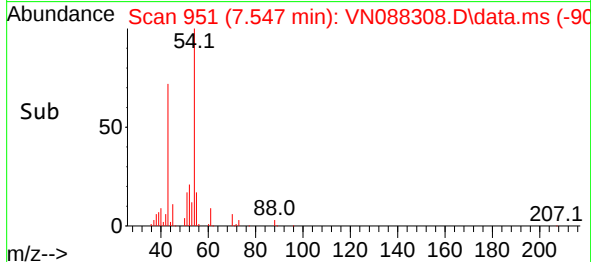
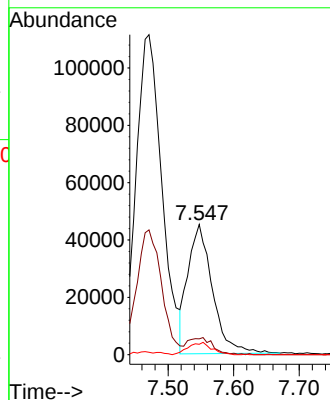
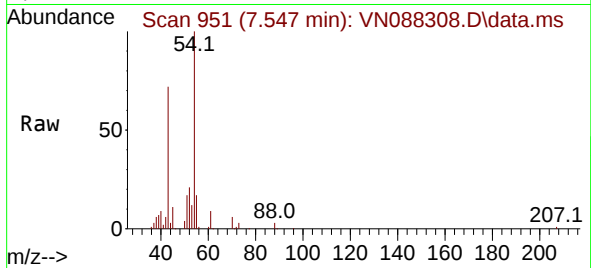




#37
Ethyl Acetate
Concen: 20.603 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

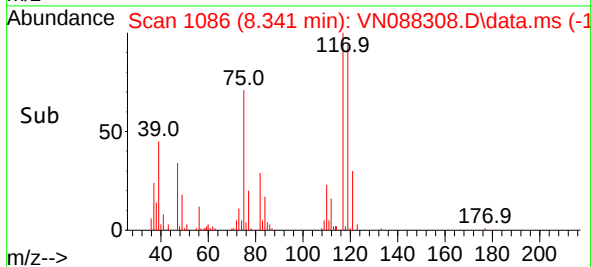
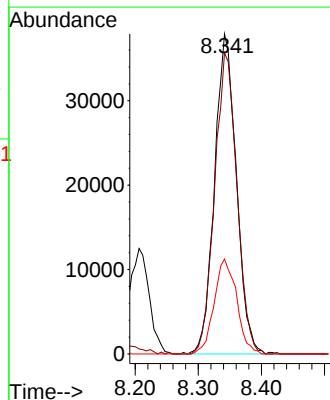
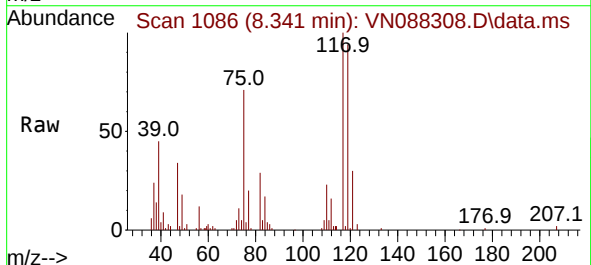
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

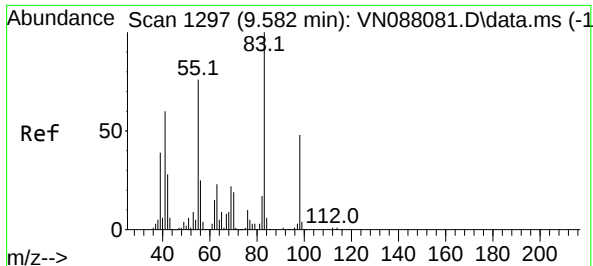
Tgt Ion: 43 Resp: 117125
Ion Ratio Lower Upper
43 100
61 13.1 9.3 13.9
70 9.0 7.0 10.6



#38
Carbon Tetrachloride
Concen: 19.978 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 117 Resp: 90895
Ion Ratio Lower Upper
117 100
119 94.1 79.0 118.6
121 29.7 25.0 37.6





#39

Methylcyclohexane

Concen: 15.331 ug/l

RT: 9.577 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN088308.D

Acq: 18 Nov 2025 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

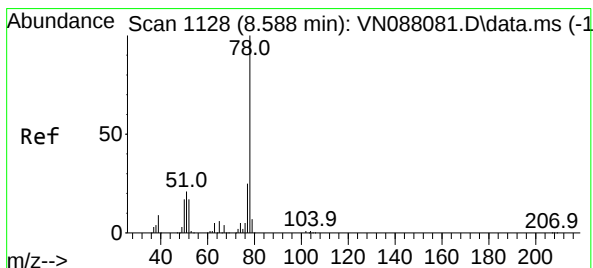
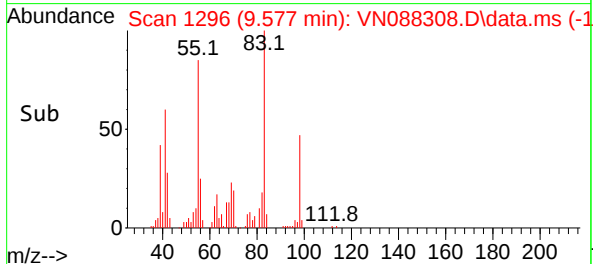
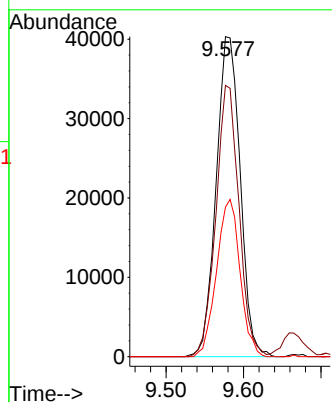
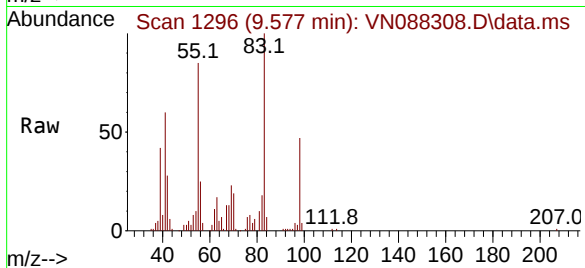
Tgt Ion: 83 Resp: 86810

Ion Ratio Lower Upper

83 100

55 84.8 64.6 96.8

98 46.7 38.4 57.6



#40

Benzene

Concen: 20.203 ug/l

RT: 8.589 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN088308.D

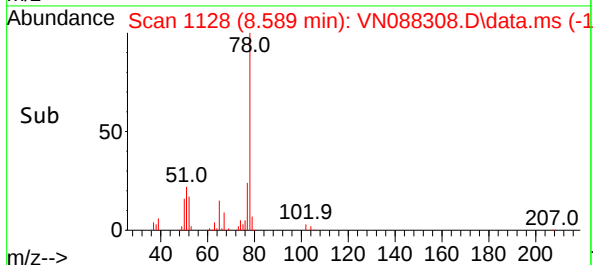
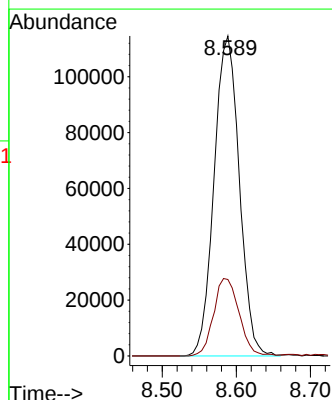
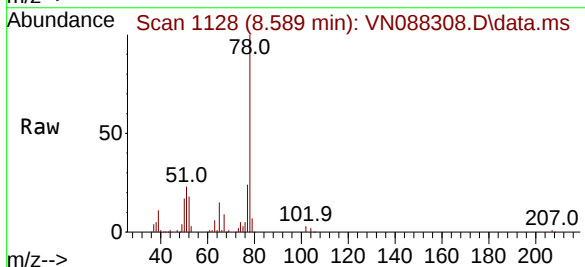
Acq: 18 Nov 2025 11:02

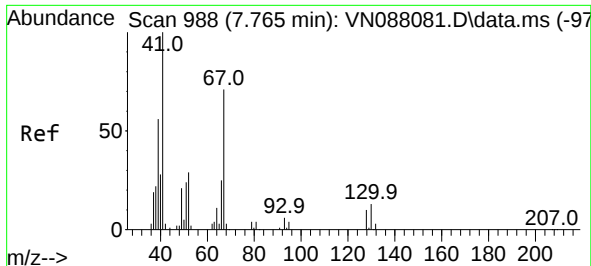
Tgt Ion: 78 Resp: 271039

Ion Ratio Lower Upper

78 100

77 23.9 19.7 29.5

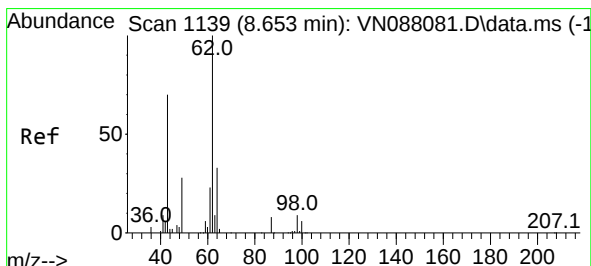
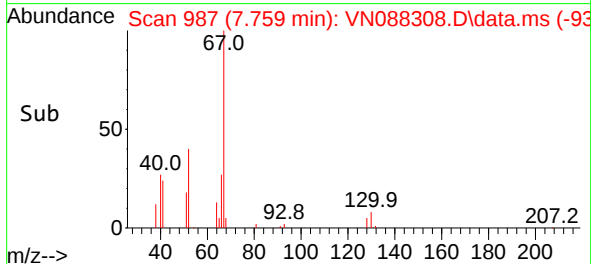
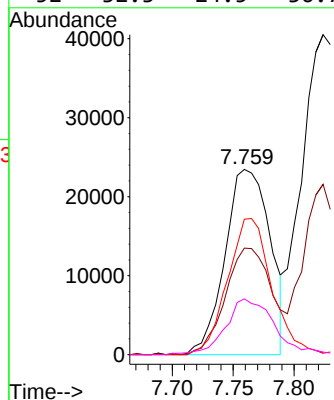
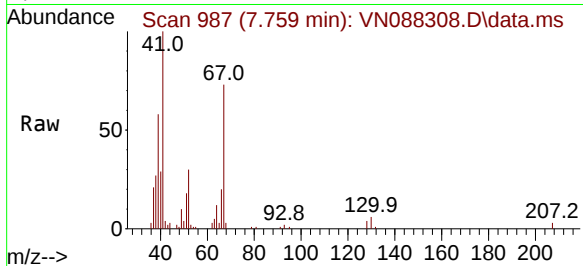




#41
Methacrylonitrile
Concen: 20.240 ug/l
RT: 7.759 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

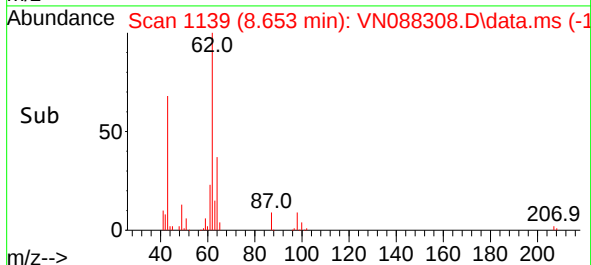
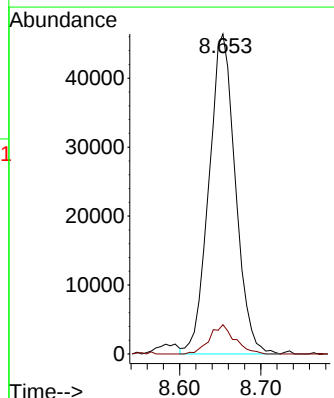
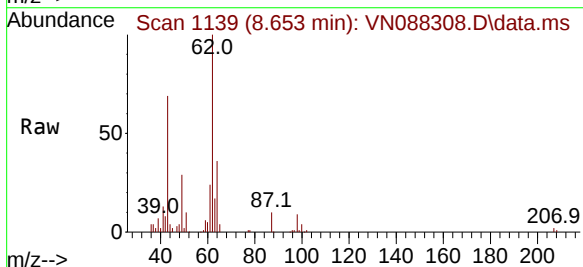
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

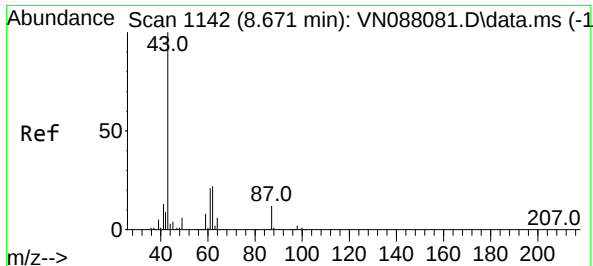
Tgt Ion:	41	Resp:	60557
Ion	Ratio	Lower	Upper
41	100		
39	60.5	45.4	68.0
67	72.0	55.3	82.9
52	32.3	24.5	36.7



#42
1,2-Dichloroethane
Concen: 22.086 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion:	62	Resp:	105282
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.4

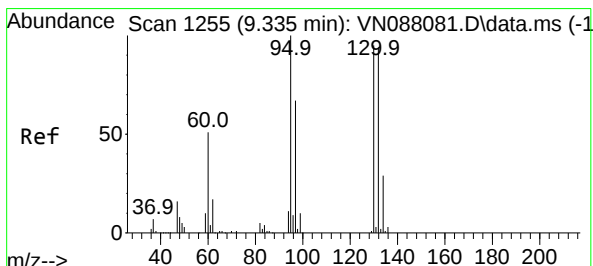
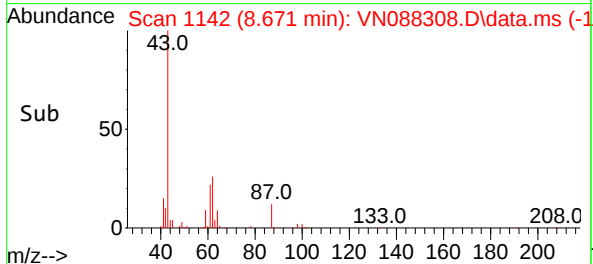
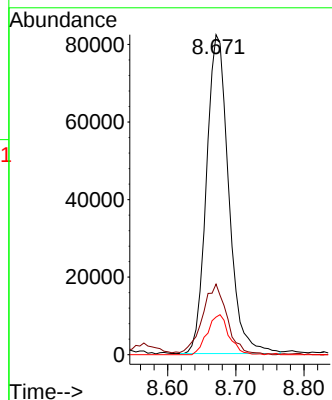
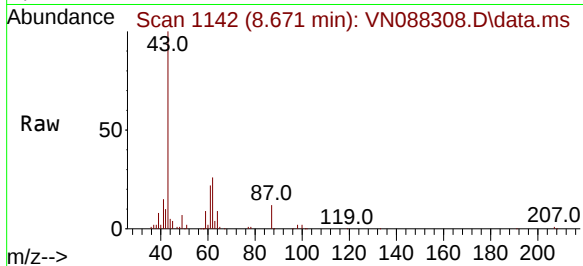




#43
Isopropyl Acetate
Concen: 21.372 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

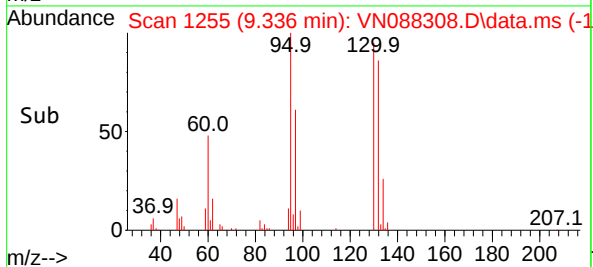
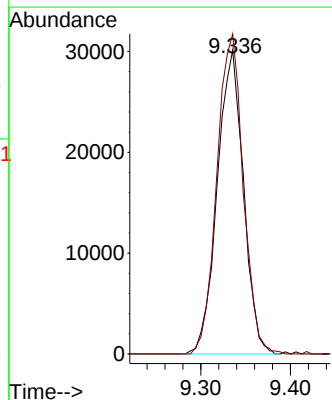
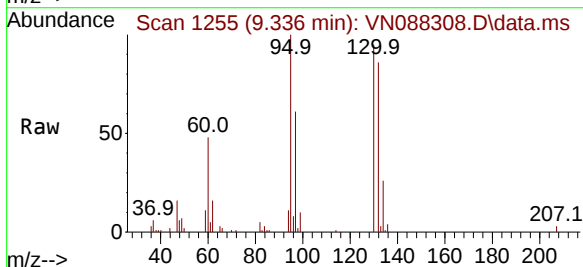
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

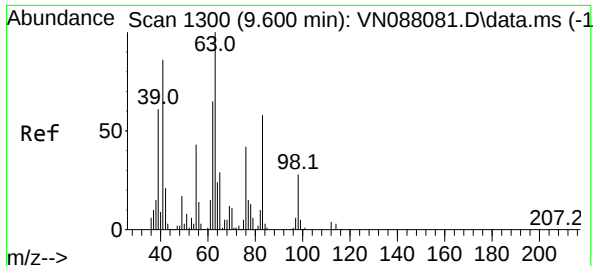
Tgt Ion: 43 Resp: 186695
Ion Ratio Lower Upper
43 100
61 25.0 18.8 28.2
87 12.2 9.6 14.4



#44
Trichloroethene
Concen: 19.454 ug/l
RT: 9.336 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion:130 Resp: 61002
Ion Ratio Lower Upper
130 100
95 105.3 0.0 212.0





#45

1,2-Dichloropropane

Concen: 21.186 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088308.D

Acq: 18 Nov 2025 11:02

Instrument :

MSVOA_N

ClientSampleId :

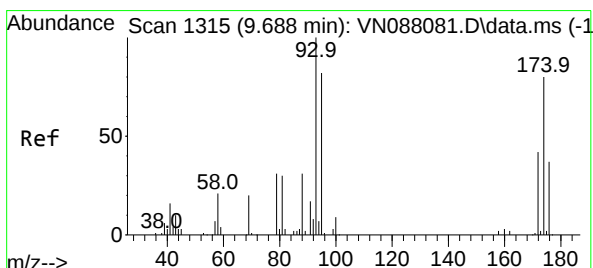
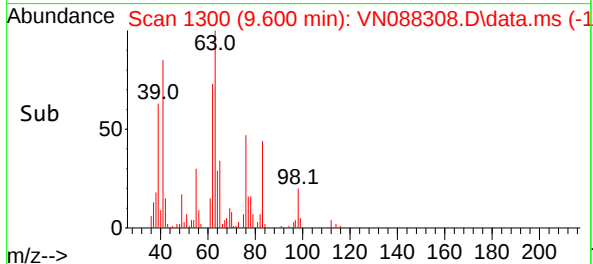
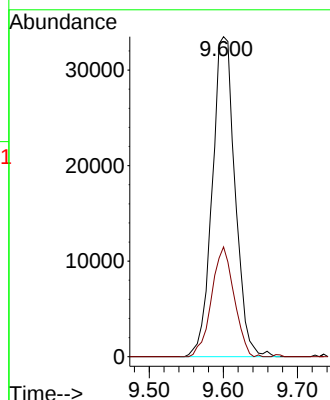
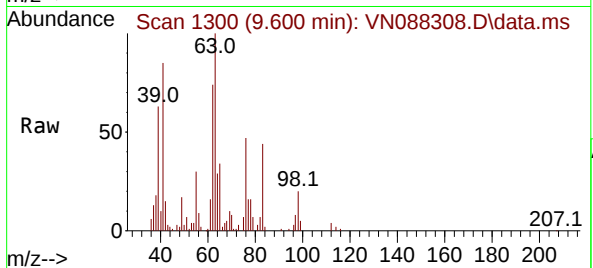
VN1118WBS01

Tgt Ion: 63 Resp: 71755

Ion Ratio Lower Upper

63 100

65 34.3 25.0 37.4



#46

Dibromomethane

Concen: 22.088 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088308.D

Acq: 18 Nov 2025 11:02

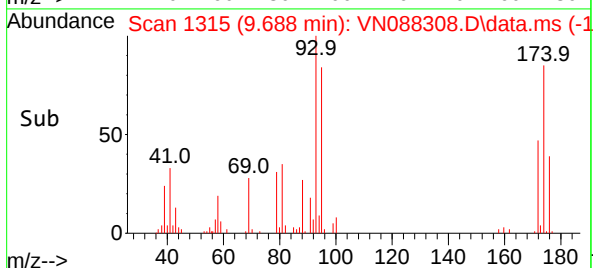
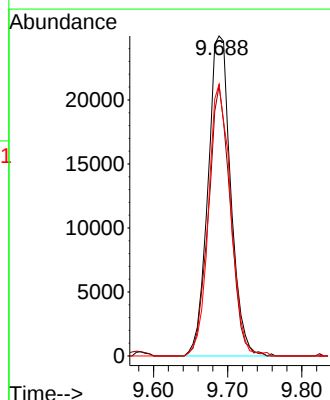
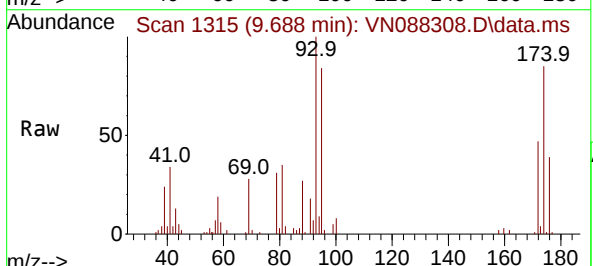
Tgt Ion: 93 Resp: 53355

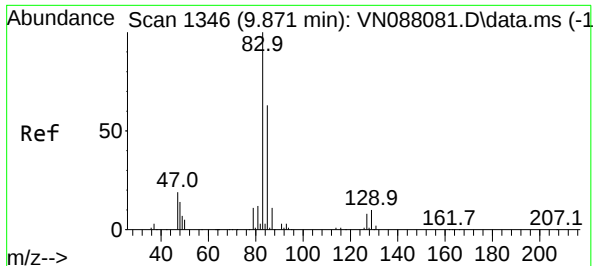
Ion Ratio Lower Upper

93 100

95 81.2 66.2 99.4

174 82.4 63.4 95.2

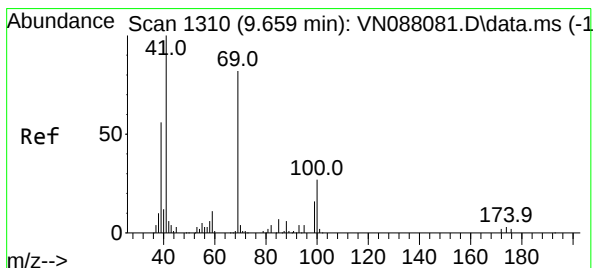
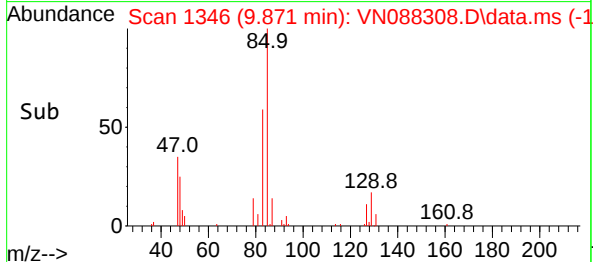
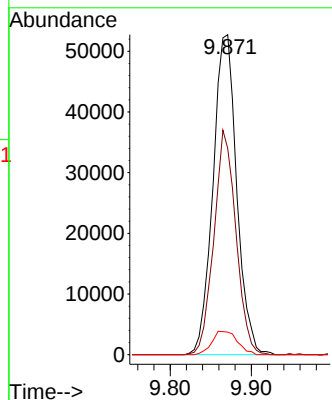
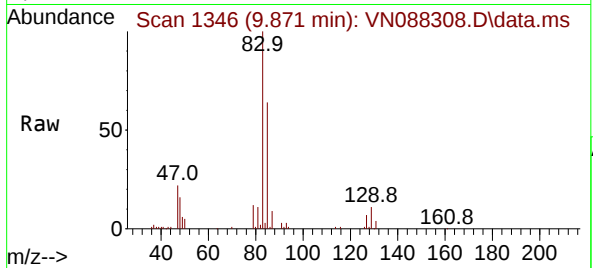




#47
Bromodichloromethane
Concen: 22.179 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

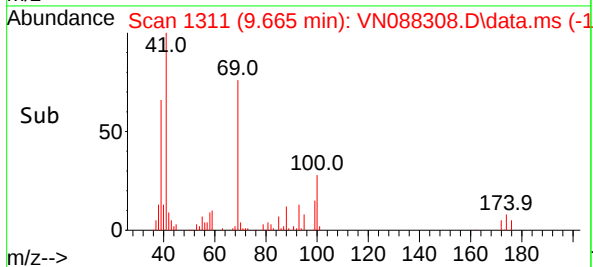
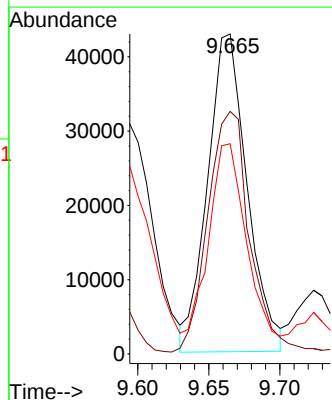
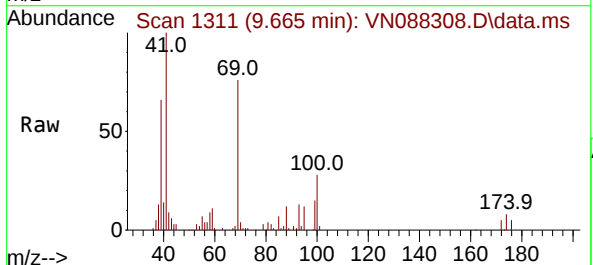
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

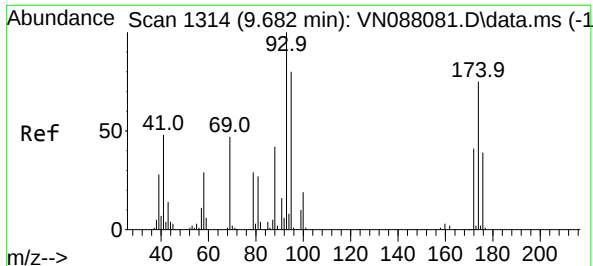
Tgt Ion: 83 Resp: 107262
Ion Ratio Lower Upper
83 100
85 64.5 52.5 78.7
127 7.1 5.8 8.6



#48
Methyl methacrylate
Concen: 20.578 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 41 Resp: 82989
Ion Ratio Lower Upper
41 100
69 82.6 62.7 94.1
39 66.6 52.9 79.3





#49

1,4-Dioxane

Concen: 391.492 ug/l

RT: 9.677 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088308.D

Acq: 18 Nov 2025 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

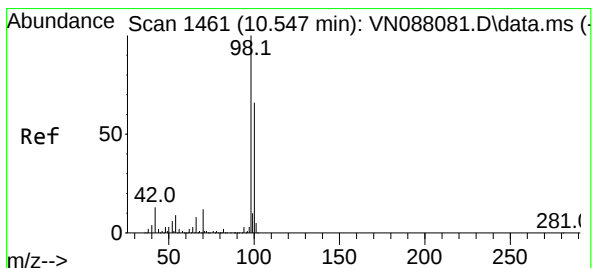
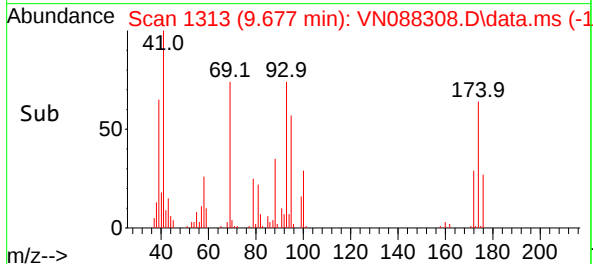
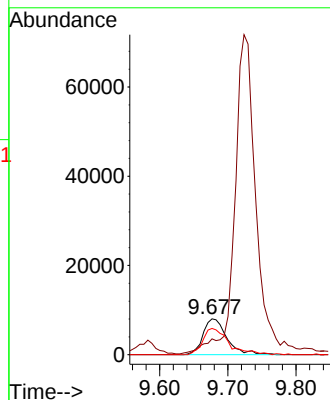
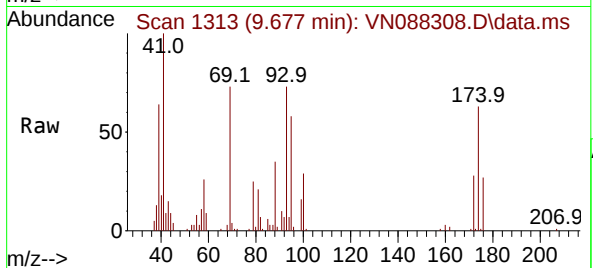
Tgt Ion: 88 Resp: 19637

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 79.1 57.9 86.9



#50

Toluene-d8

Concen: 50.078 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088308.D

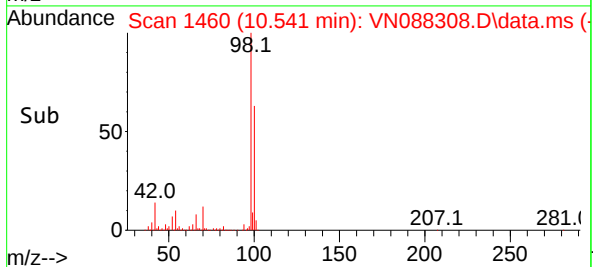
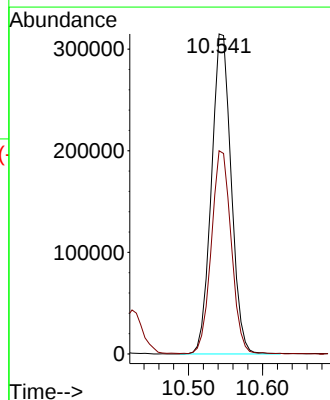
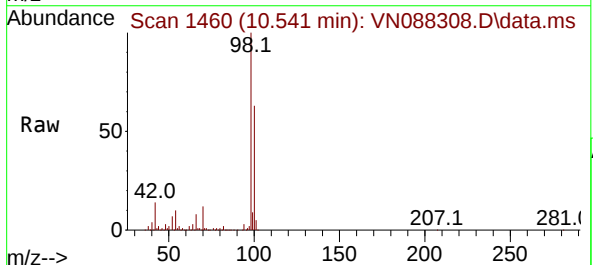
Acq: 18 Nov 2025 11:02

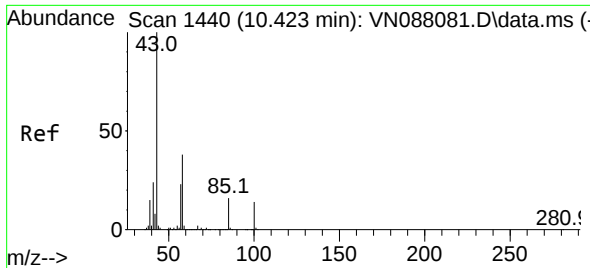
Tgt Ion: 98 Resp: 582154

Ion Ratio Lower Upper

98 100

100 64.0 52.8 79.2

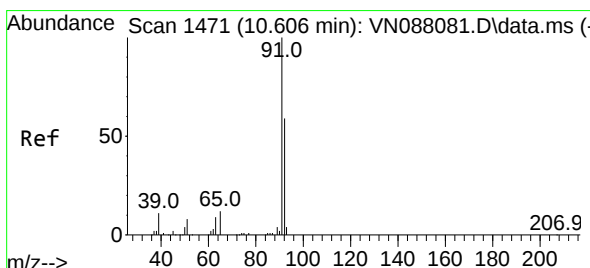
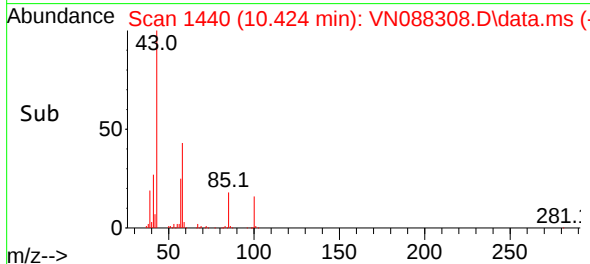
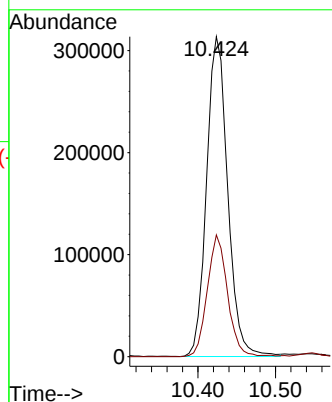
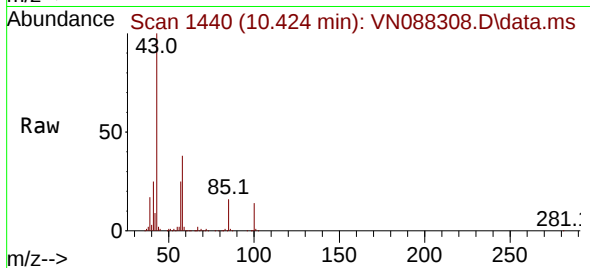




#51
4-Methyl-2-Pentanone
Concen: 114.913 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

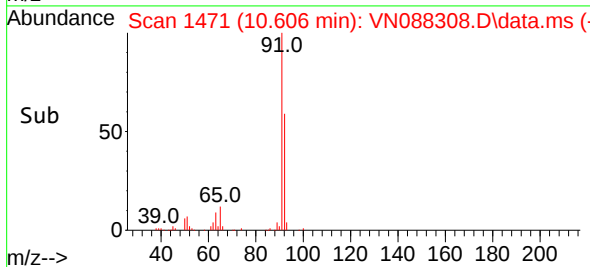
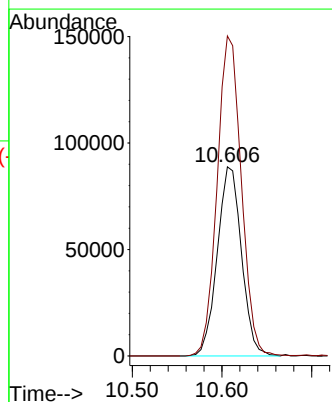
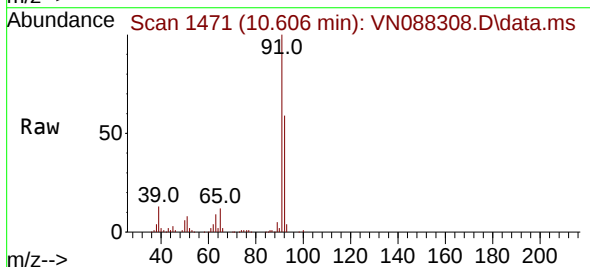
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

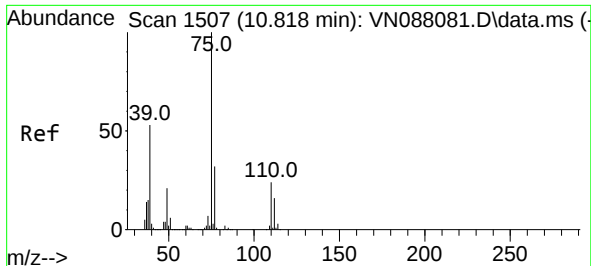
Tgt Ion: 43 Resp: 593839
Ion Ratio Lower Upper
43 100
58 36.6 29.6 44.4



#52
Toluene
Concen: 20.102 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 92 Resp: 166268
Ion Ratio Lower Upper
92 100
91 169.1 140.4 210.6

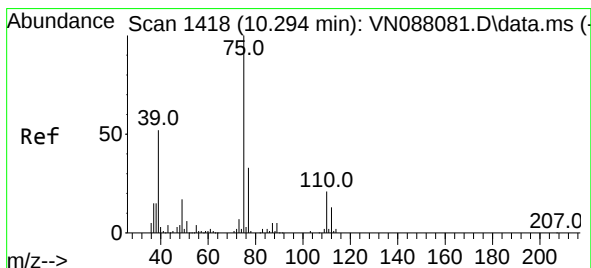
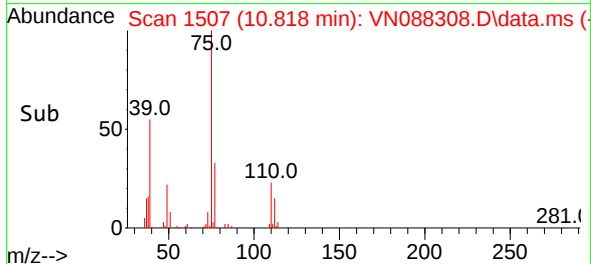
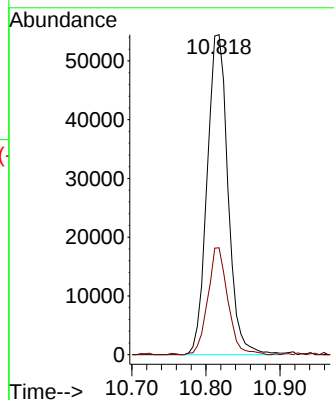
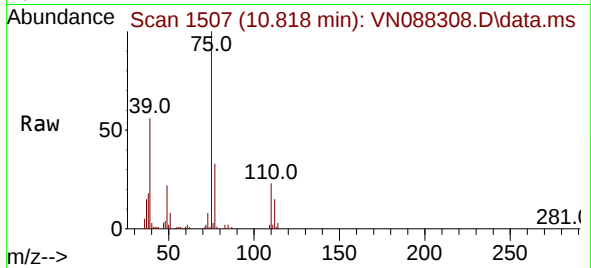




#53
t-1,3-Dichloropropene
Concen: 20.773 ug/l
RT: 10.818 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

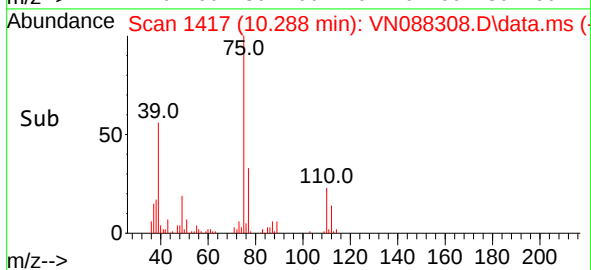
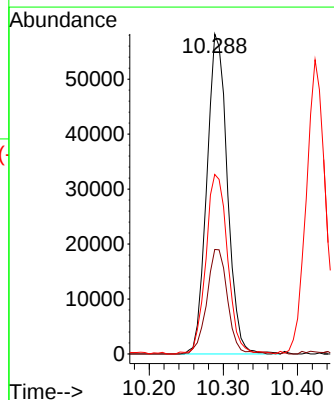
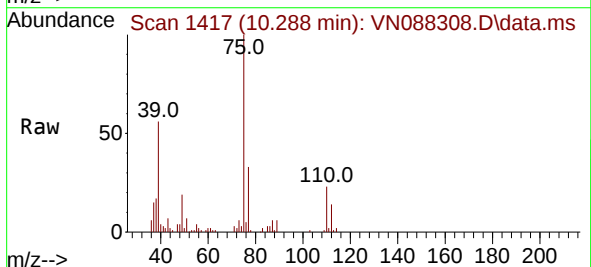
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

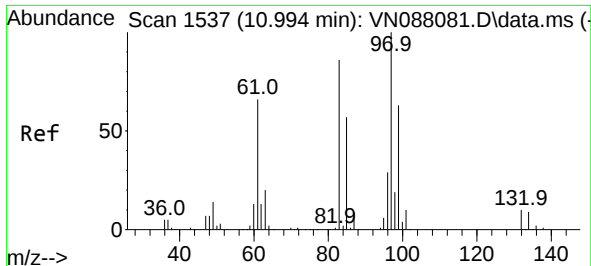
Tgt Ion: 75 Resp: 106924
Ion Ratio Lower Upper
75 100
77 33.4 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 20.491 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 75 Resp: 111922
Ion Ratio Lower Upper
75 100
77 32.6 24.6 37.0
39 55.5 45.2 67.8

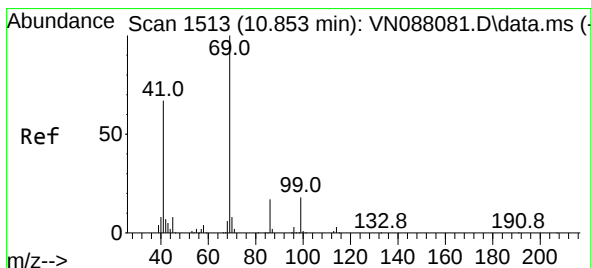
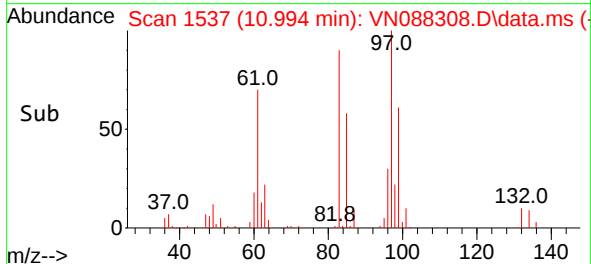
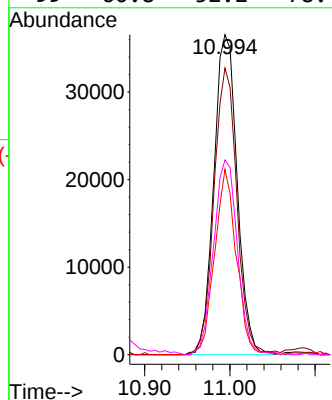
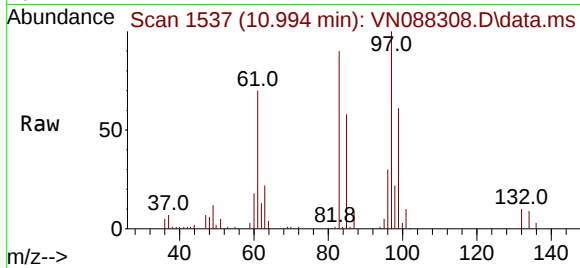




#55
1,1,2-Trichloroethane
Concen: 22.207 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

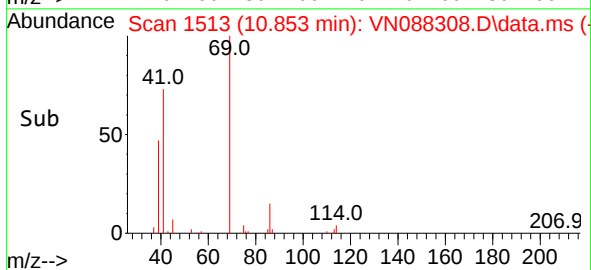
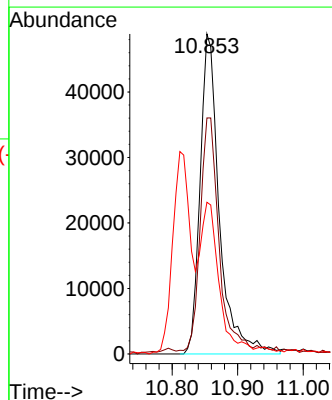
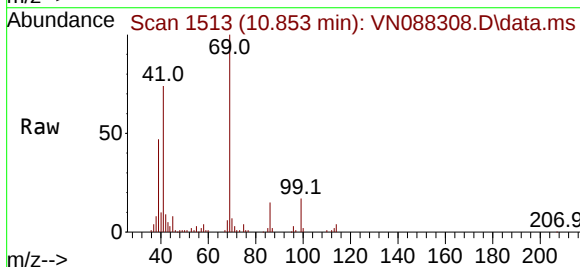
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

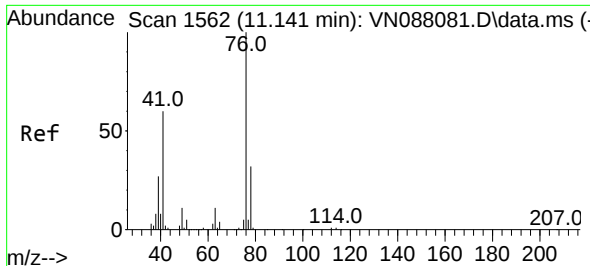
Tgt Ion:	97	Resp:	69687
Ion	Ratio	Lower	Upper
97	100		
83	89.5	68.2	102.4
85	57.9	45.5	68.3
99	60.8	52.2	78.4



#56
Ethyl methacrylate
Concen: 20.131 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion:	69	Resp:	99972
Ion	Ratio	Lower	Upper
69	100		
41	70.5	56.5	84.7
39	43.9	34.2	51.4





#57

1,3-Dichloropropane

Concen: 21.306 ug/l

RT: 11.141 min Scan# 117522

Delta R.T. 0.000 min

Lab File: VN088308.D

Acq: 18 Nov 2025 11:02

Instrument :

MSVOA_N

ClientSampleId :

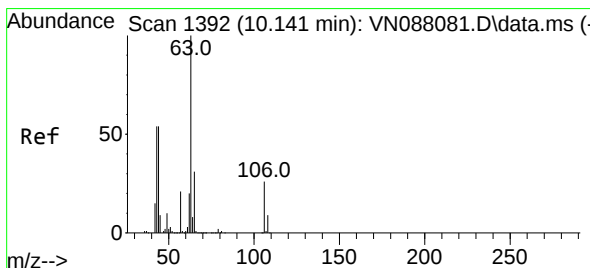
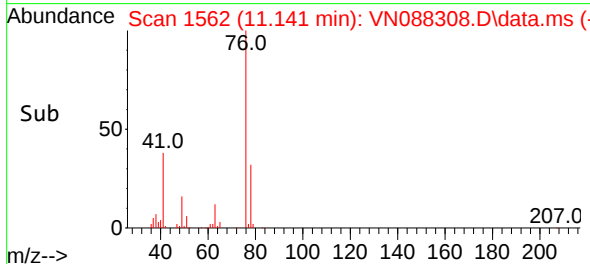
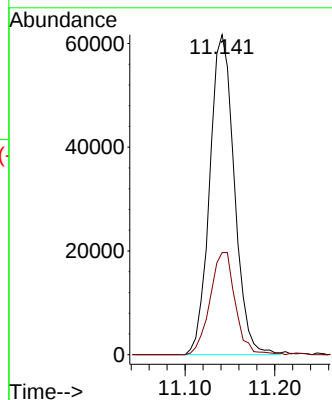
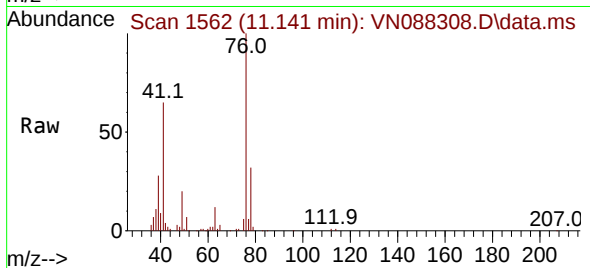
VN1118WBS01

Tgt Ion: 76 Resp: 117522

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 91.895 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN088308.D

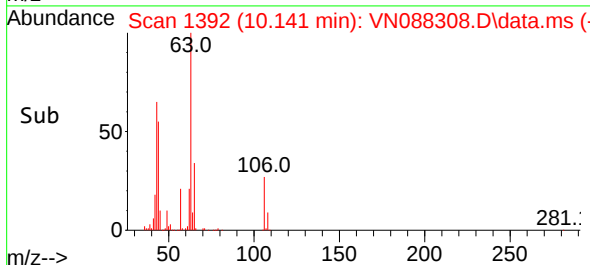
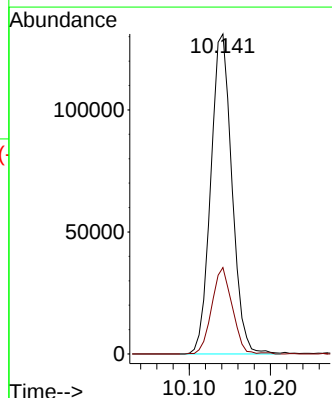
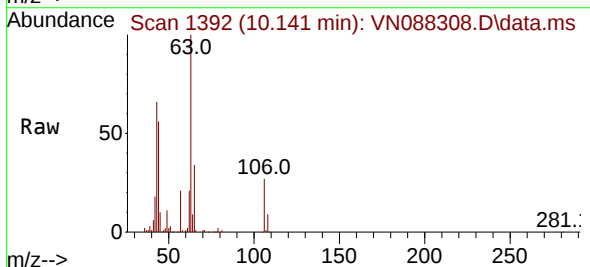
Acq: 18 Nov 2025 11:02

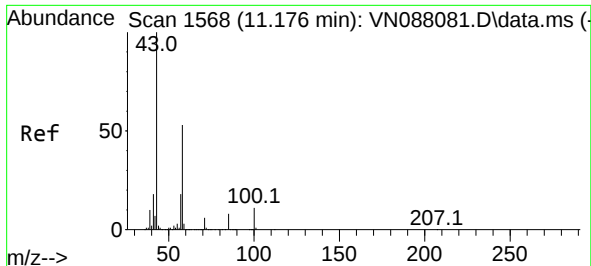
Tgt Ion: 63 Resp: 237375

Ion Ratio Lower Upper

63 100

106 26.1 21.1 31.7

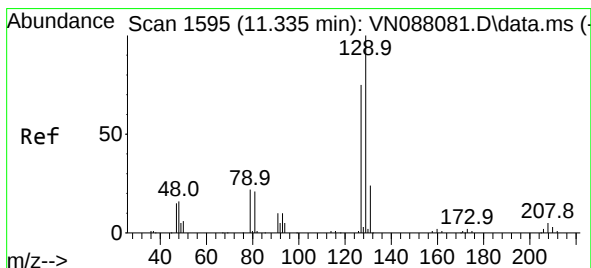
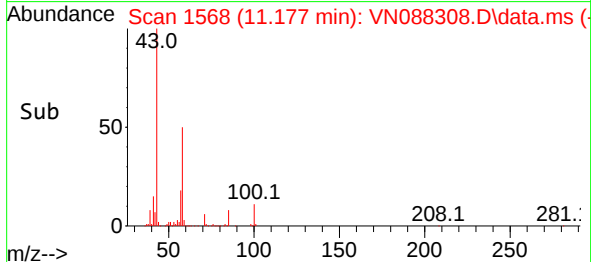
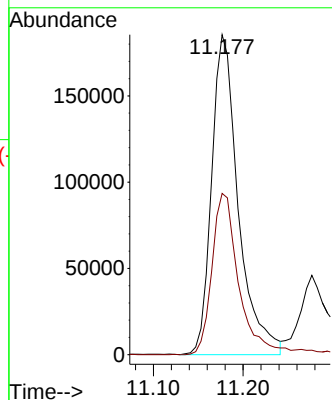
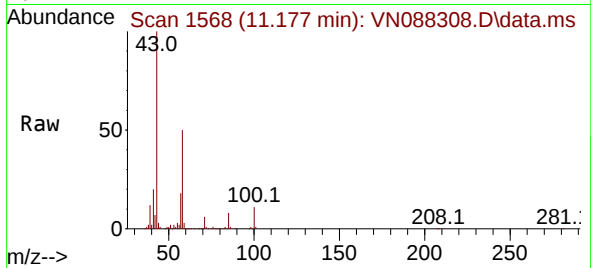




#59
2-Hexanone
Concen: 111.595 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

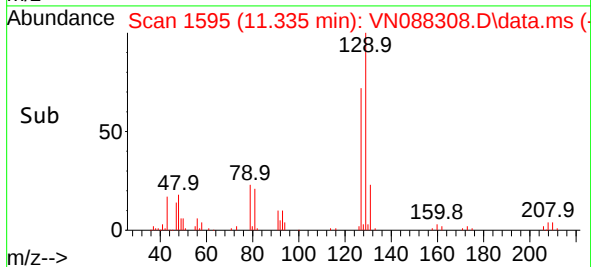
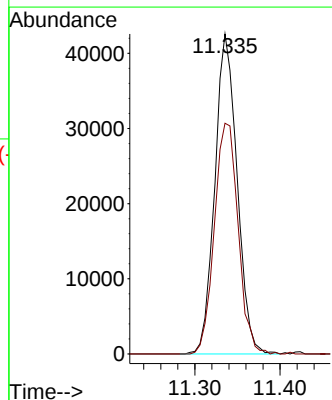
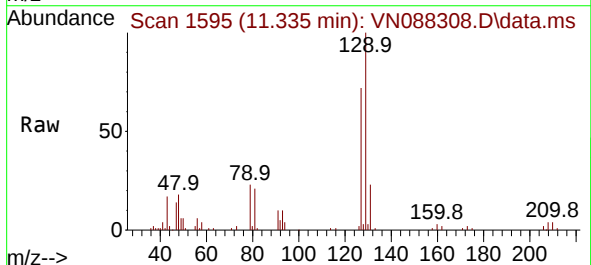
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

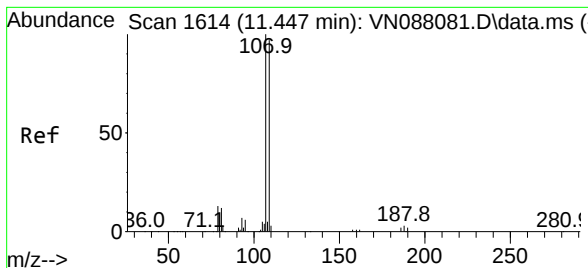
Tgt Ion: 43 Resp: 382564
Ion Ratio Lower Upper
43 100
58 50.7 25.9 77.8



#60
Dibromochloromethane
Concen: 21.706 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 129 Resp: 77421
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.3

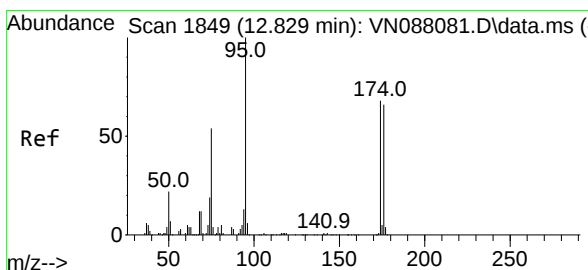
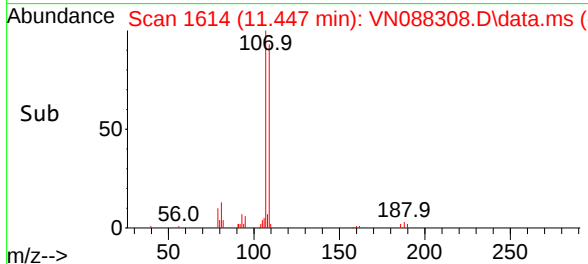
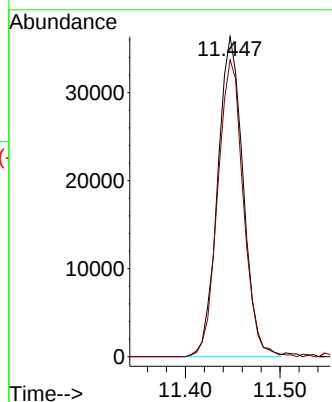
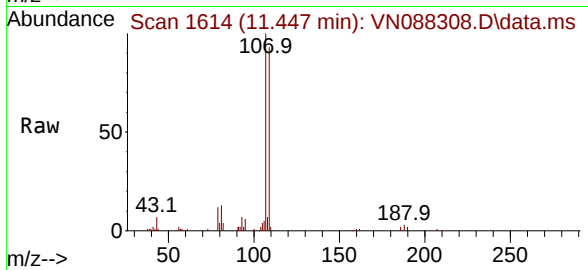




#61
1,2-Dibromoethane
Concen: 21.003 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

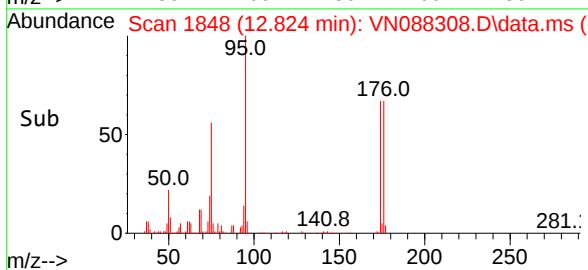
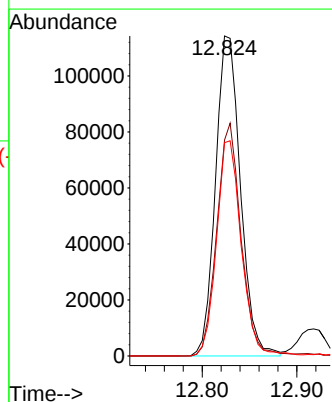
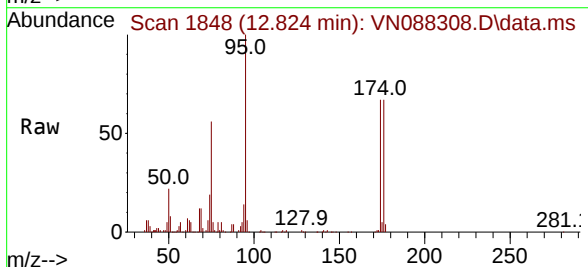
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

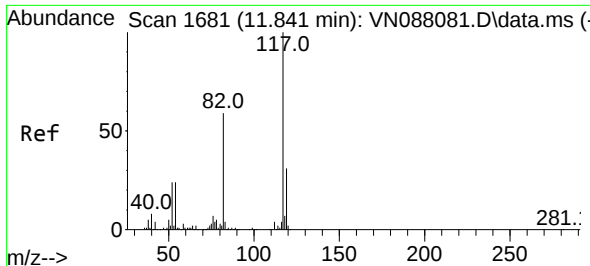
Tgt Ion:107 Resp: 67831
Ion Ratio Lower Upper
107 100
109 93.4 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 51.064 ug/l
RT: 12.824 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 95 Resp: 209643
Ion Ratio Lower Upper
95 100
174 70.4 0.0 138.4
176 66.8 0.0 132.6

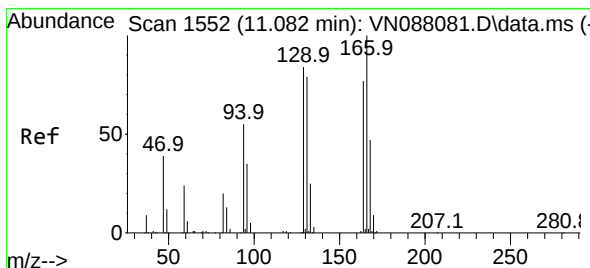
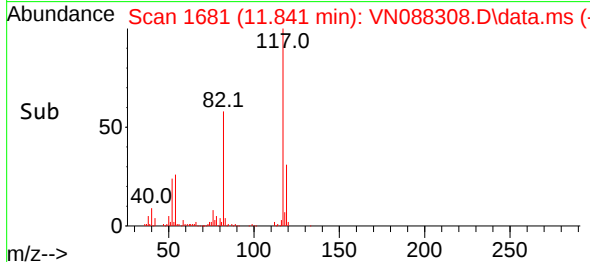
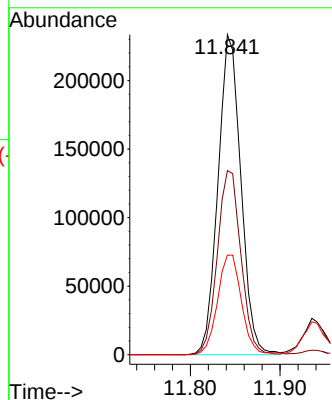
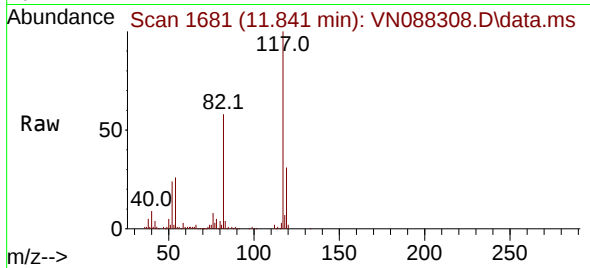




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

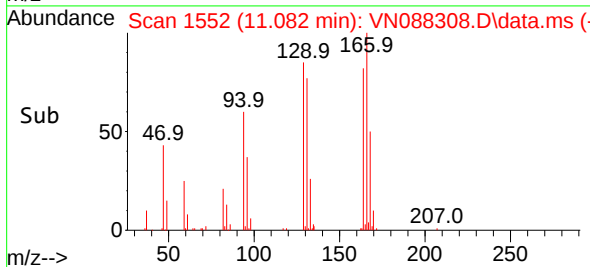
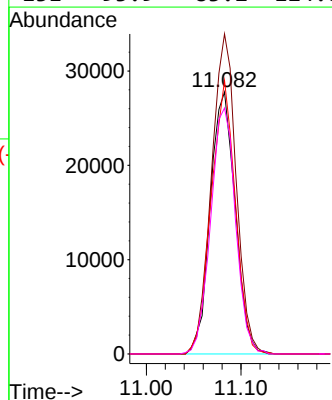
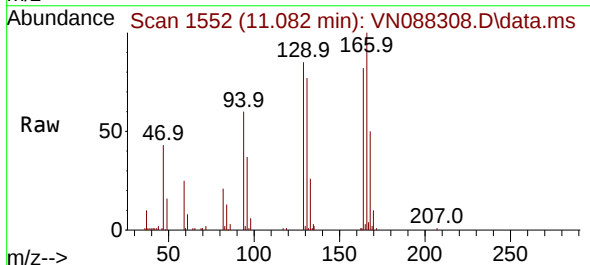
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

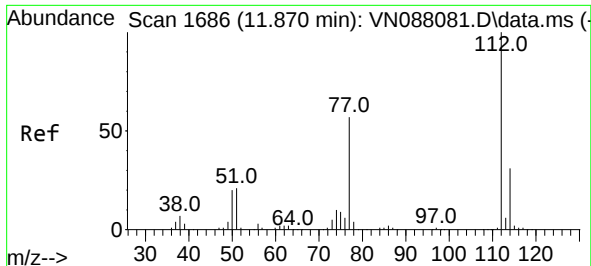
Tgt Ion:117 Resp: 413450
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 31.1 24.3 36.5



#64
Tetrachloroethene
Concen: 18.631 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion:164 Resp: 50809
Ion Ratio Lower Upper
164 100
166 122.1 97.7 146.5
129 104.3 85.9 128.9
131 93.9 83.2 124.8

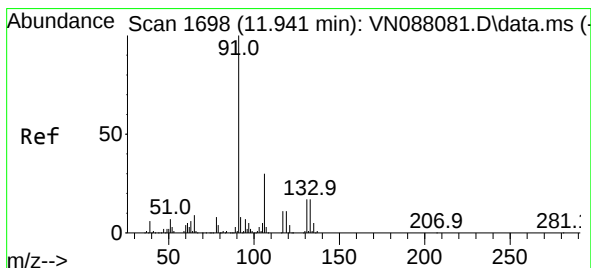
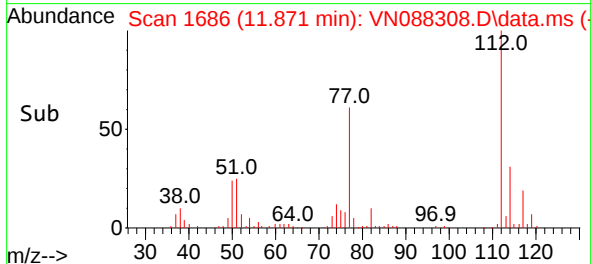
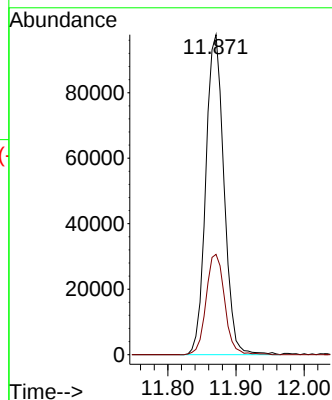
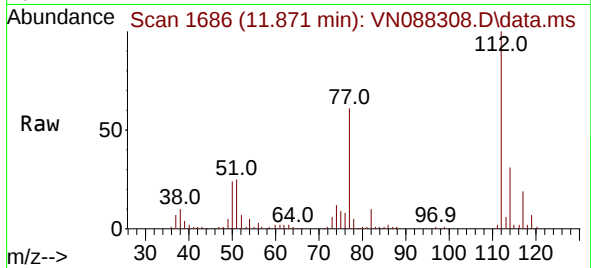




#65
Chlorobenzene
Concen: 19.312 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

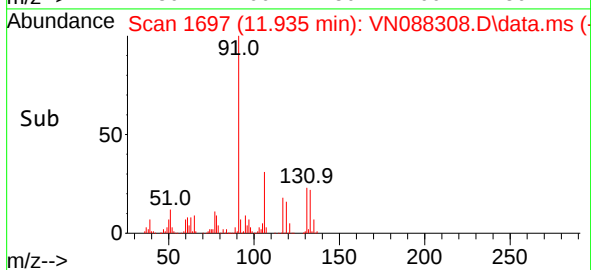
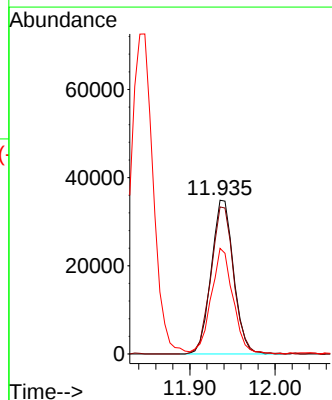
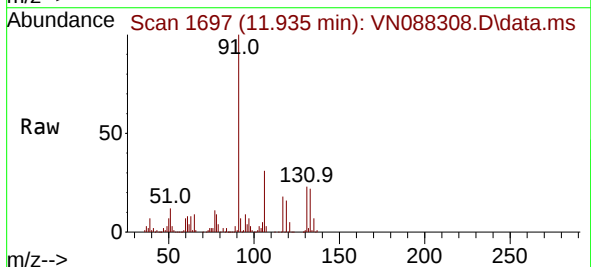
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion:112 Resp: 181305
Ion Ratio Lower Upper
112 100
114 31.3 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.664 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion:131 Resp: 63556
Ion Ratio Lower Upper
131 100
133 97.8 48.0 144.0
119 67.2 32.6 97.7





#67

Ethyl Benzene

Concen: 18.494 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VN088308.D

Acq: 18 Nov 2025 11:02

Instrument :

MSVOA_N

ClientSampleId :

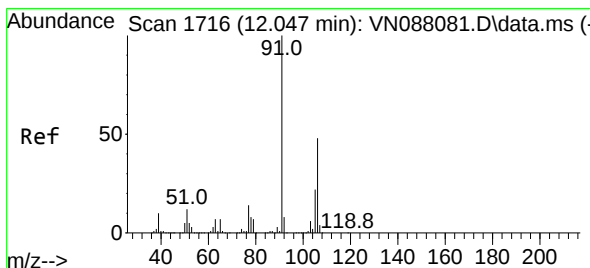
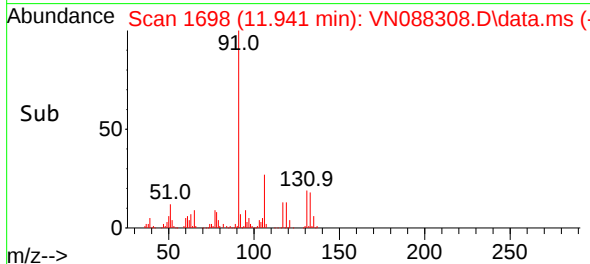
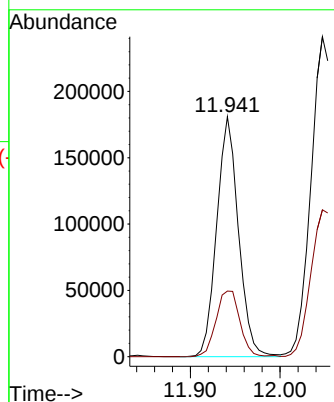
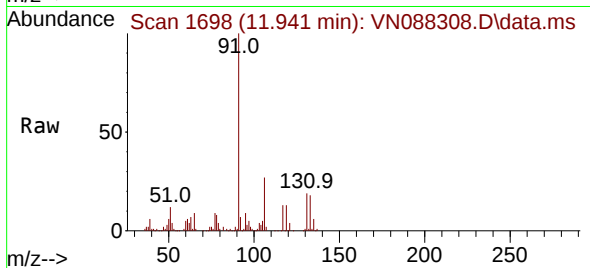
VN1118WBS01

Tgt Ion: 91 Resp: 304766

Ion Ratio Lower Upper

91 100

106 27.3 24.1 36.1



#68

m/p-Xylenes

Concen: 36.757 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VN088308.D

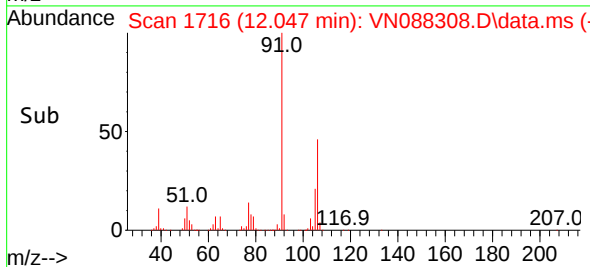
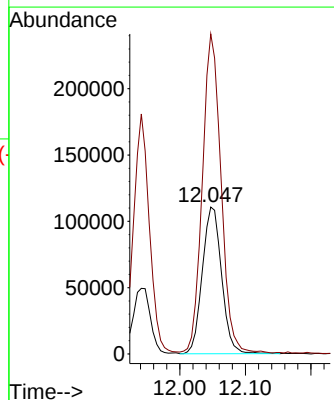
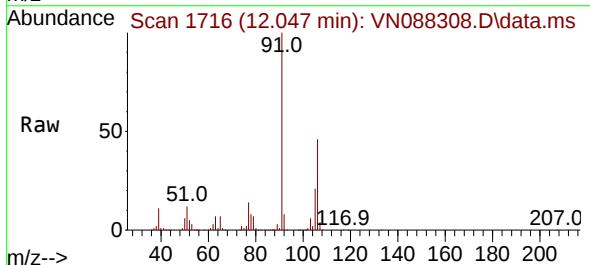
Acq: 18 Nov 2025 11:02

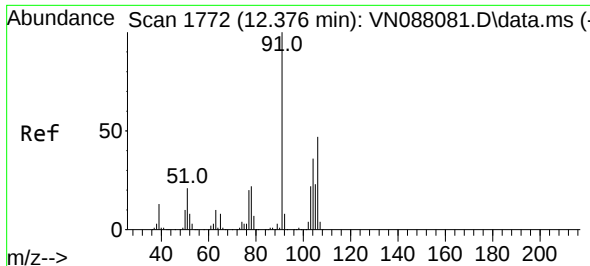
Tgt Ion:106 Resp: 226957

Ion Ratio Lower Upper

106 100

91 211.2 169.3 253.9

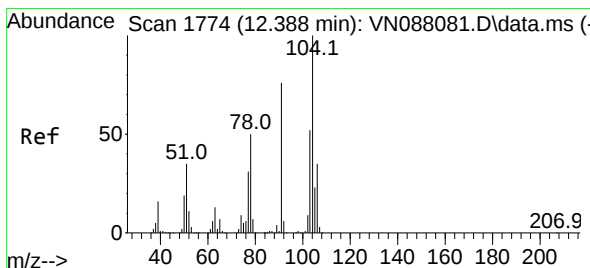
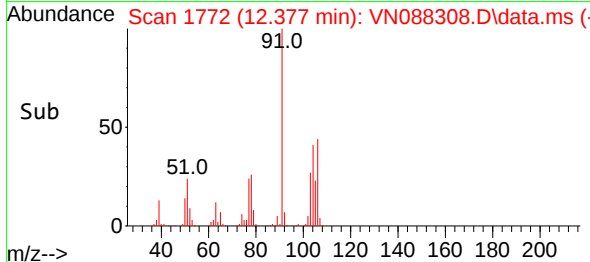
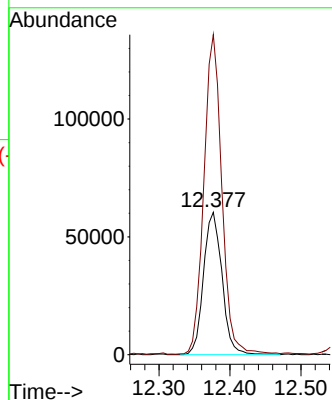
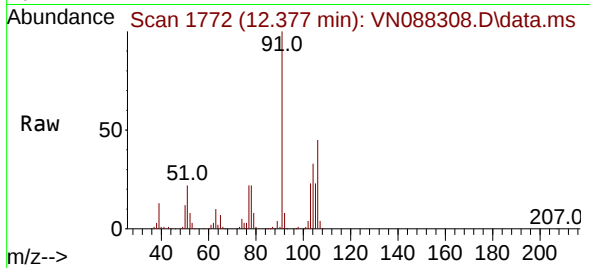




#69
o-Xylene
Concen: 18.711 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

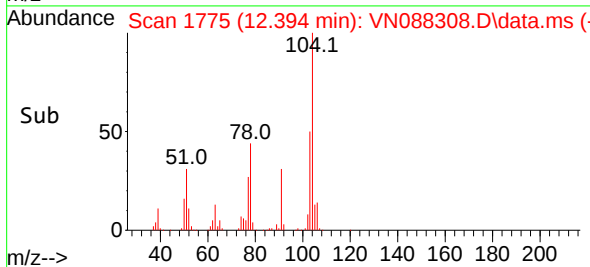
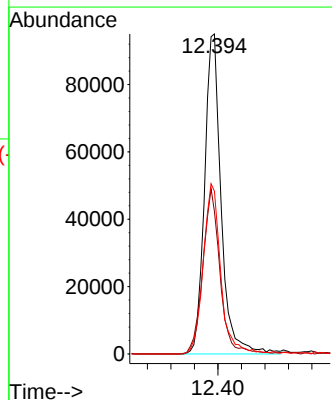
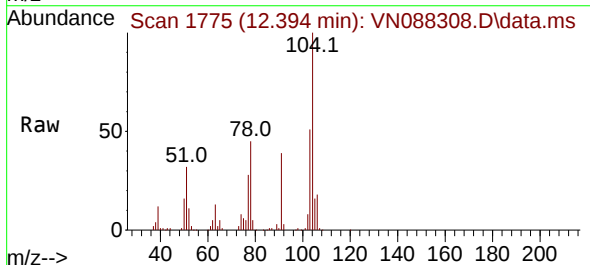
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

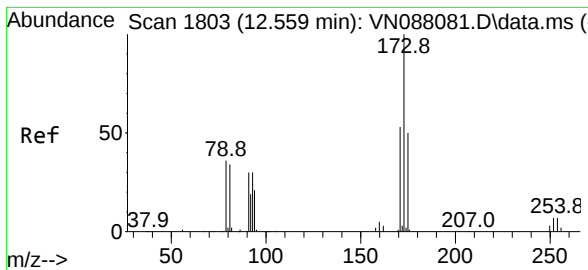
Tgt Ion:106 Resp: 109517
Ion Ratio Lower Upper
106 100
91 217.6 111.4 334.2



#70
Styrene
Concen: 19.478 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion:104 Resp: 185914
Ion Ratio Lower Upper
104 100
78 53.4 42.2 63.2
103 56.2 43.4 65.2

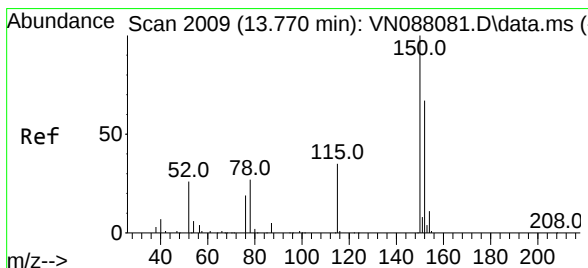
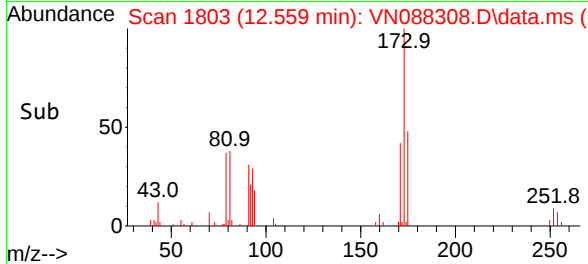
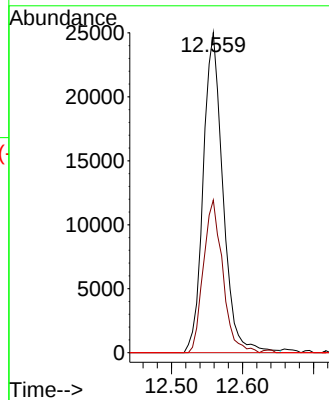
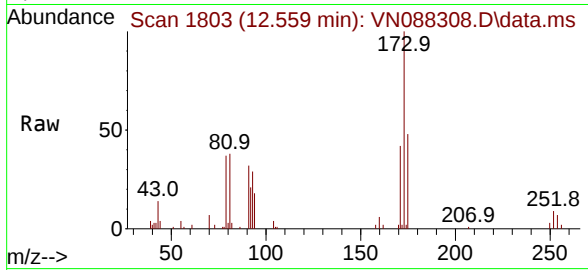




#71
Bromoform
Concen: 21.085 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

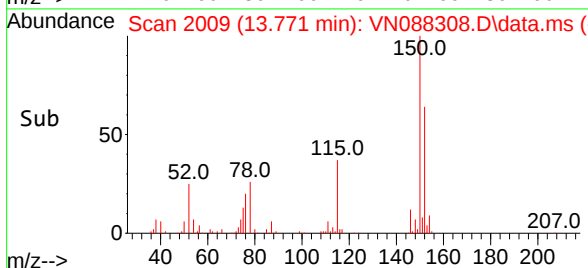
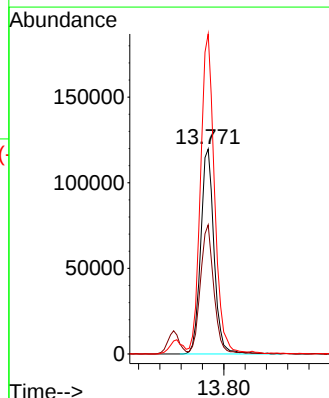
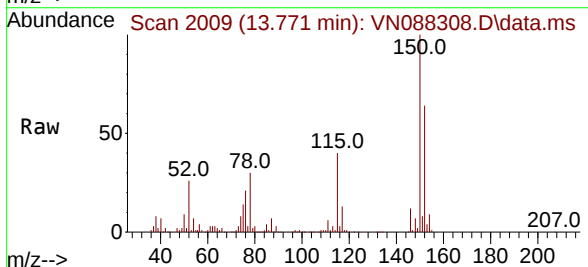
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

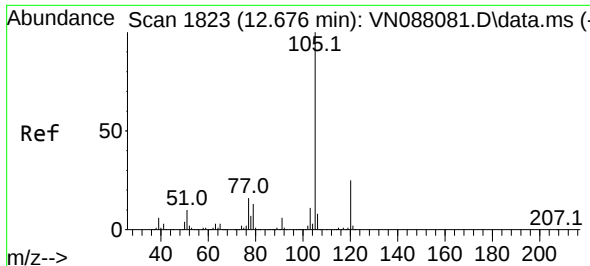
Tgt Ion:173 Resp: 48397
Ion Ratio Lower Upper
173 100
175 46.8 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion:152 Resp: 207887
Ion Ratio Lower Upper
152 100
115 63.8 32.3 96.8
150 161.6 0.0 351.0

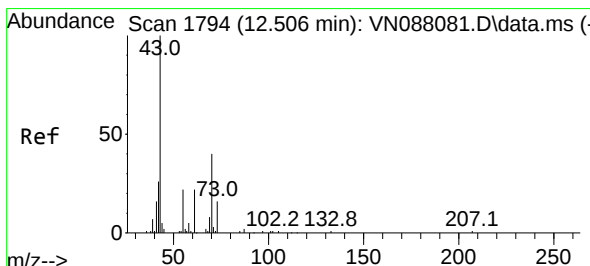
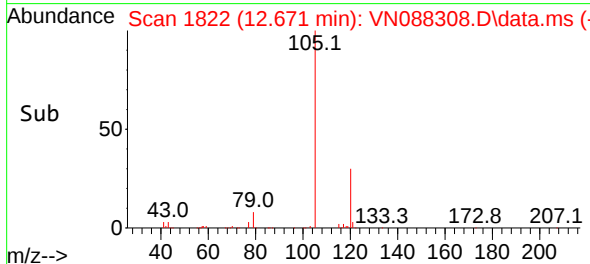
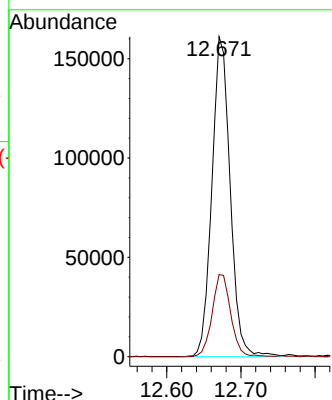
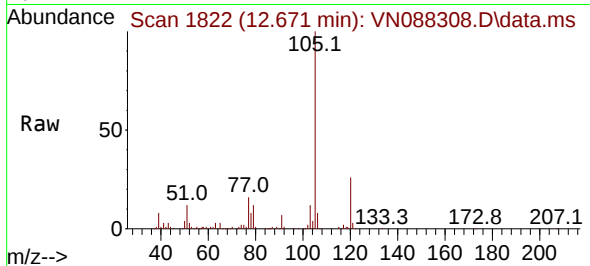




#73
Isopropylbenzene
Concen: 17.207 ug/l
RT: 12.671 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

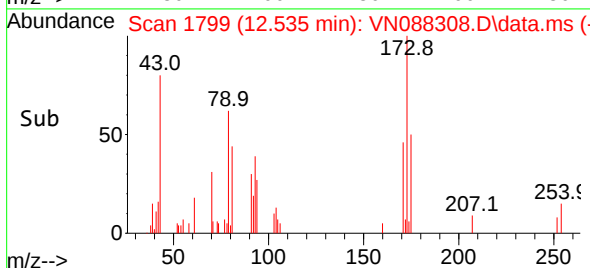
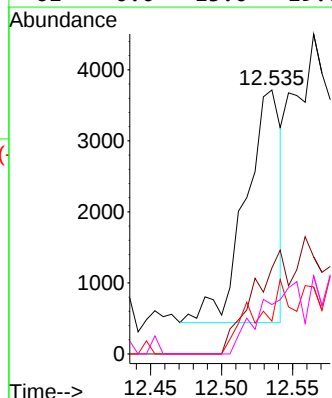
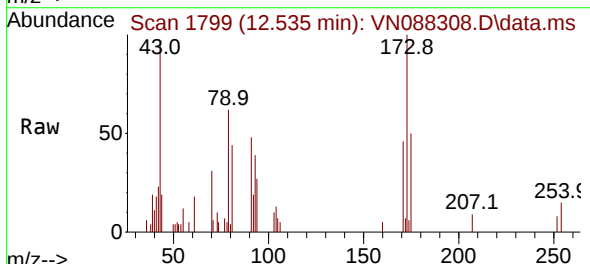
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

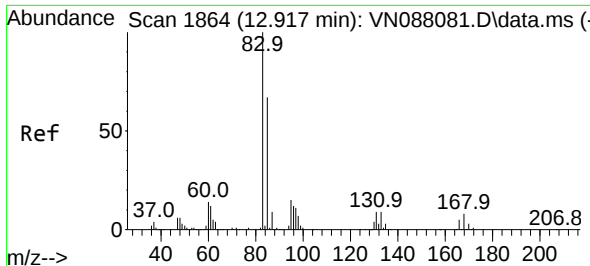
Tgt Ion:105 Resp: 275889
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.3



#74
N-ethyl acetate
Concen: 1.250 ug/l
RT: 12.535 min Scan# 1799
Delta R.T. 0.035 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 43 Resp: 5688
Ion Ratio Lower Upper
43 100
70 43.5 27.6 41.4#
55 7.4 13.0 19.6#
61 0.0 13.0 19.6#

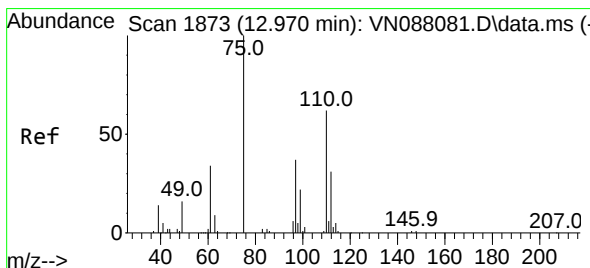
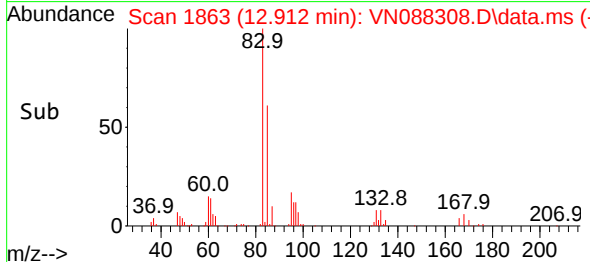
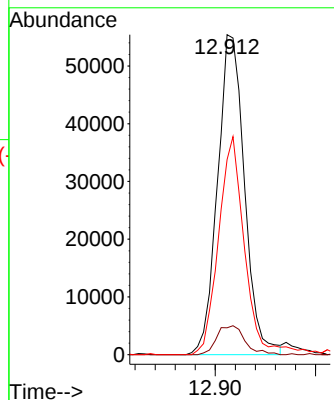
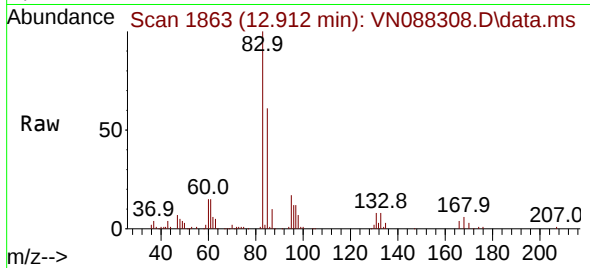




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.748 ug/l
 RT: 12.912 min Scan# 1863
 Delta R.T. -0.006 min
 Lab File: VN088308.D
 Acq: 18 Nov 2025 11:02

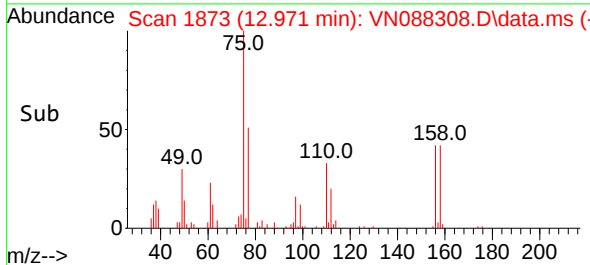
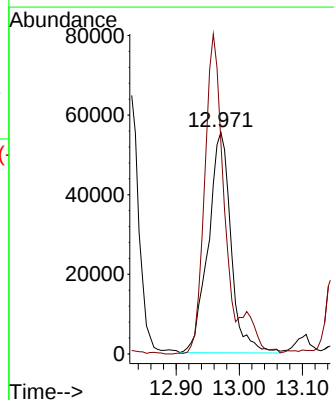
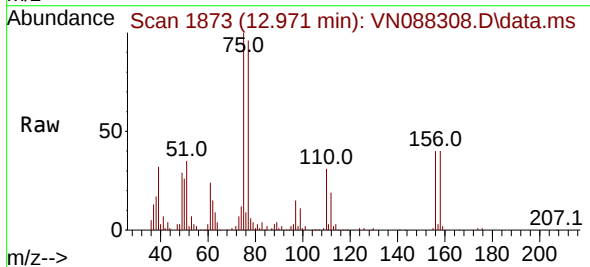
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS01

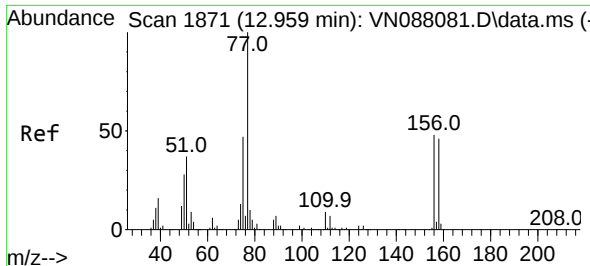
Tgt Ion: 83 Resp: 103572
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.8 14.4
 85 66.0 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 29.152 ug/l
 RT: 12.971 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN088308.D
 Acq: 18 Nov 2025 11:02

Tgt Ion: 75 Resp: 138559
 Ion Ratio Lower Upper
 75 100
 77 122.4 89.1 267.4

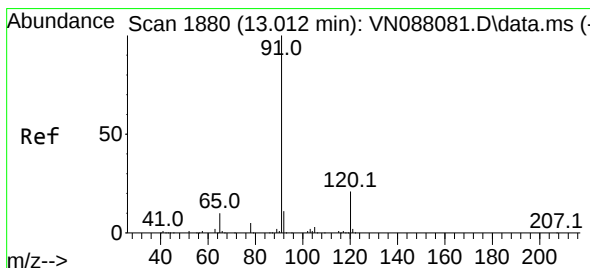
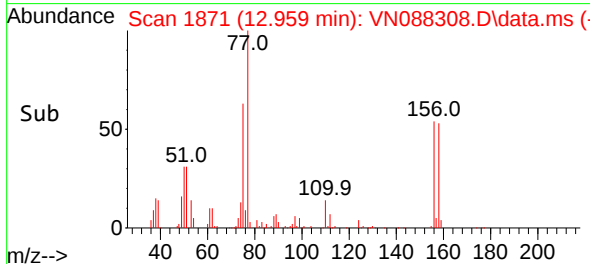
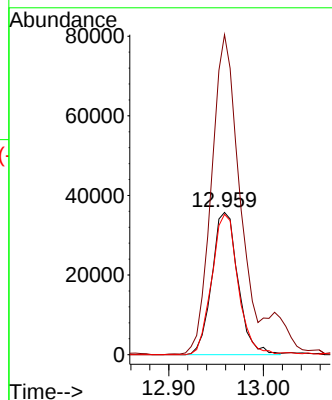
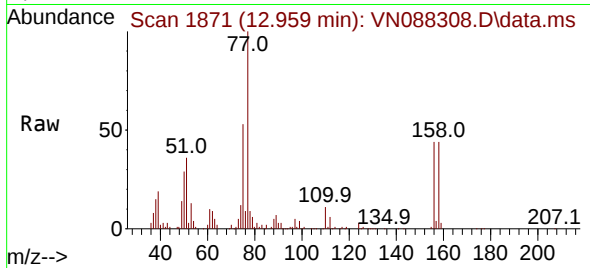




#77
Bromobenzene
Concen: 19.841 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

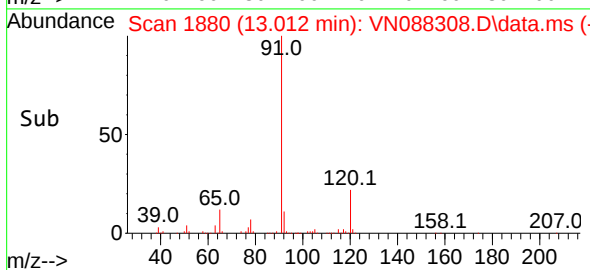
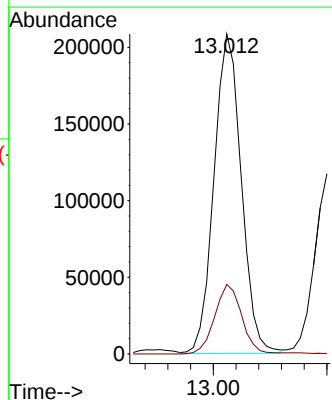
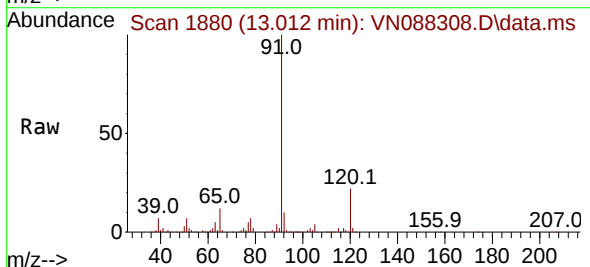
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

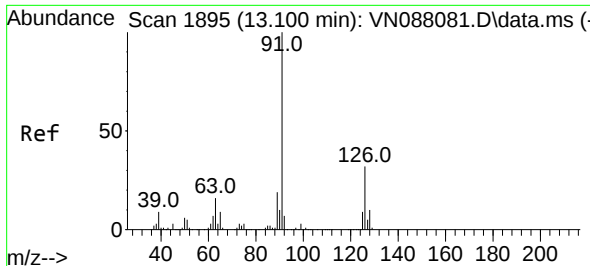
Tgt Ion:156 Resp: 68599
Ion Ratio Lower Upper
156 100
77 247.1 119.3 358.0
158 98.6 48.2 144.6



#78
n-propylbenzene
Concen: 17.769 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 91 Resp: 347673
Ion Ratio Lower Upper
91 100
120 21.5 10.7 32.1

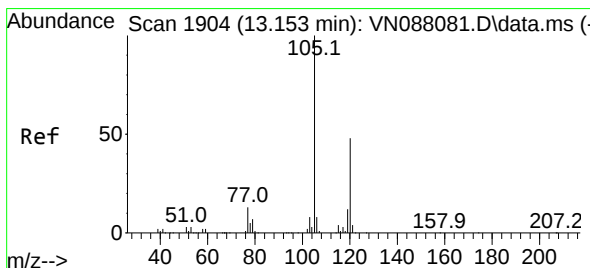
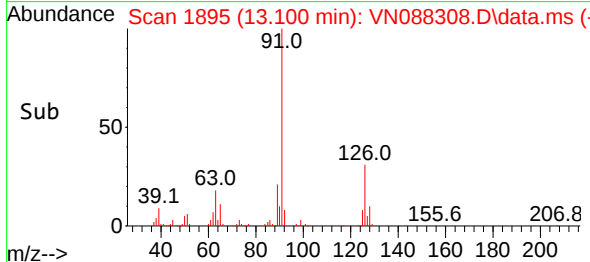
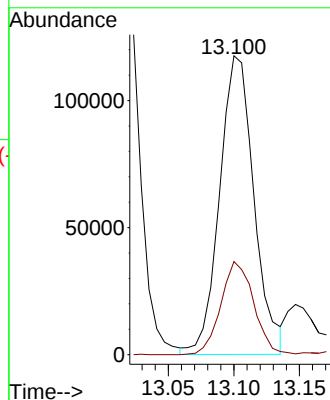
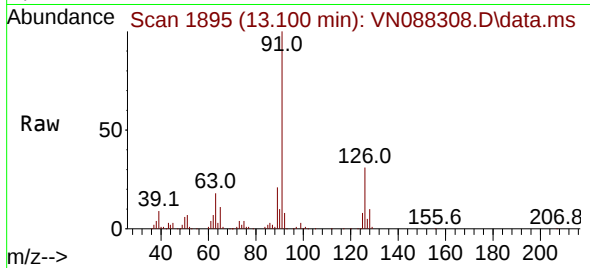




#79
2-Chlorotoluene
Concen: 19.204 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

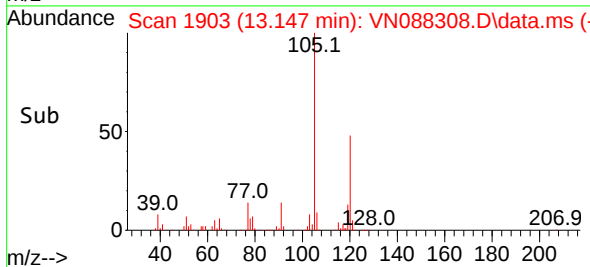
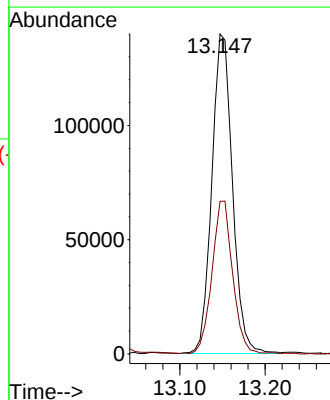
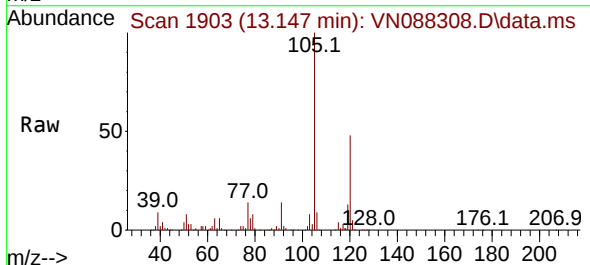
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

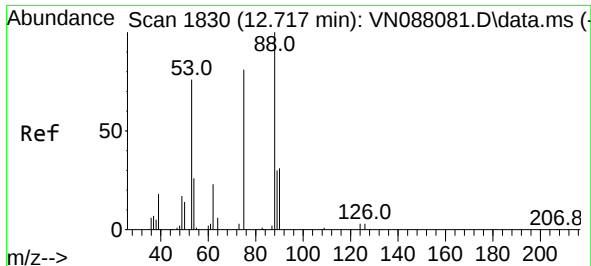
Tgt Ion: 91 Resp: 214288
Ion Ratio Lower Upper
91 100
126 29.8 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 17.642 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 105 Resp: 234923
Ion Ratio Lower Upper
105 100
120 48.5 23.2 69.6

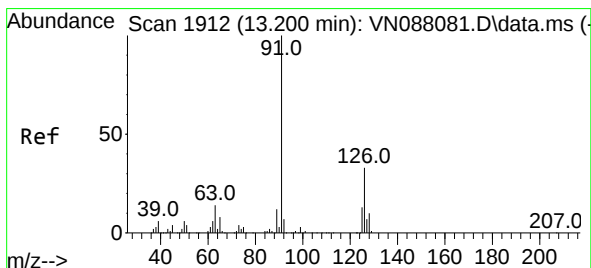
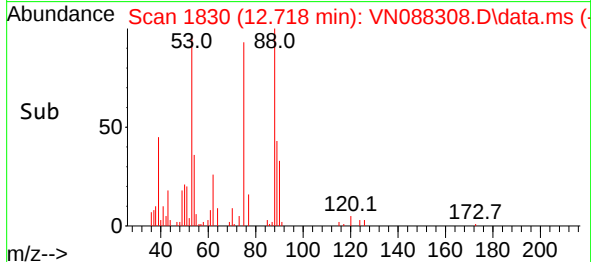
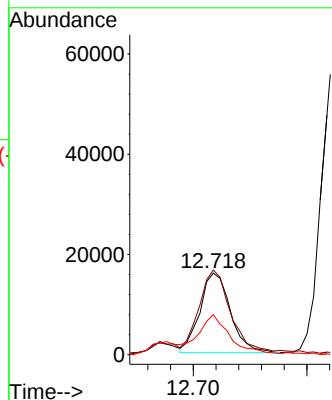
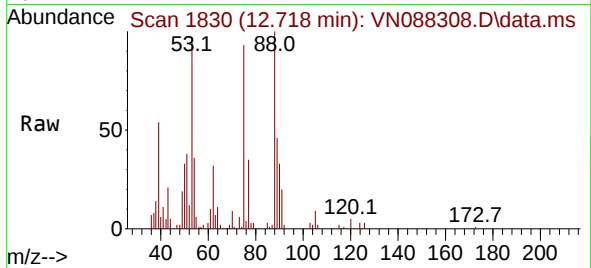




#81
trans-1,4-Dichloro-2-butene
Concen: 17.378 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

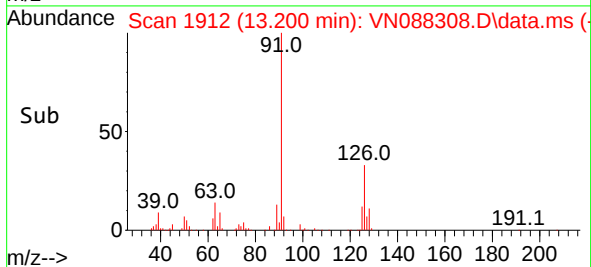
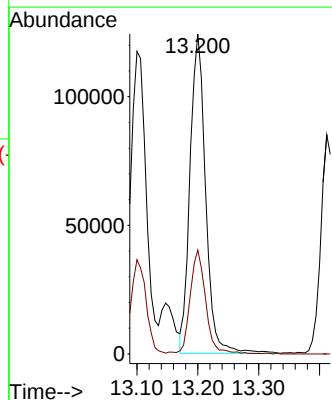
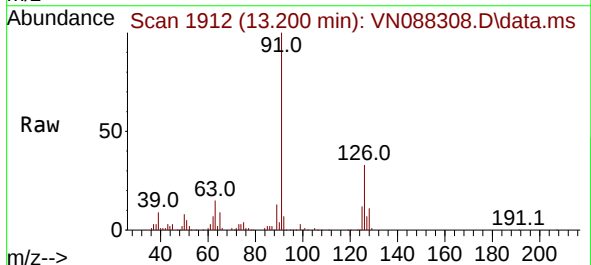
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

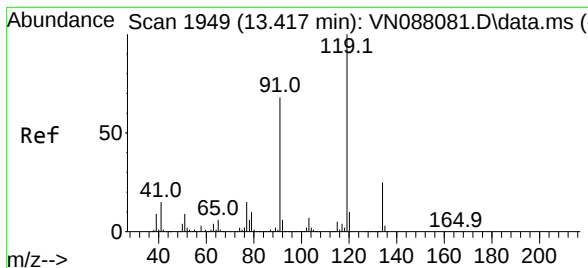
Tgt Ion: 75 Resp: 29610
Ion Ratio Lower Upper
75 100
53 113.5 101.8 152.6
89 49.9 35.6 53.4



#82
4-Chlorotoluene
Concen: 18.311 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 91 Resp: 221059
Ion Ratio Lower Upper
91 100
126 32.2 15.6 46.8





#83

tert-Butylbenzene

Concen: 16.561 ug/l

RT: 13.418 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VN088308.D

Acq: 18 Nov 2025 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

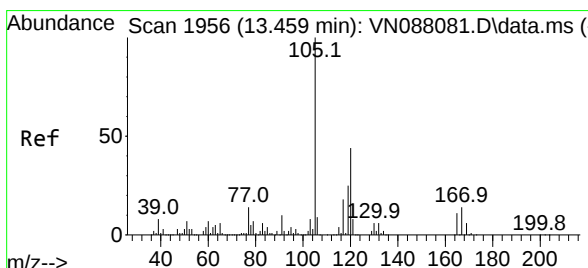
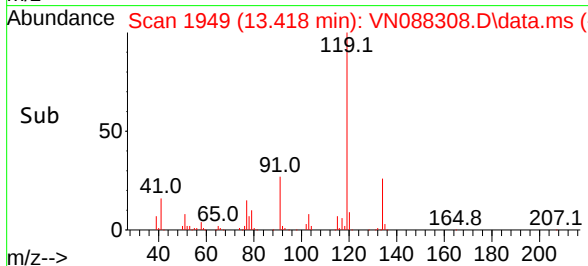
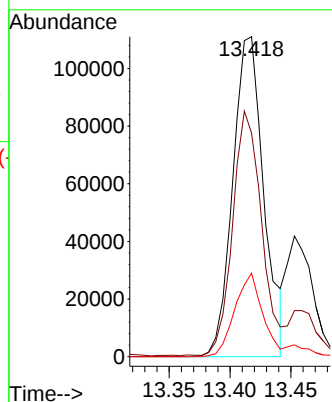
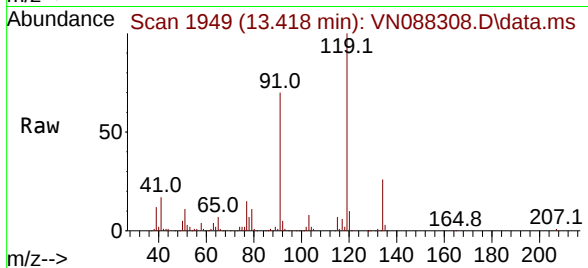
Tgt Ion:119 Resp: 197002

Ion Ratio Lower Upper

119 100

91 71.3 35.0 105.0

134 24.0 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 18.073 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN088308.D

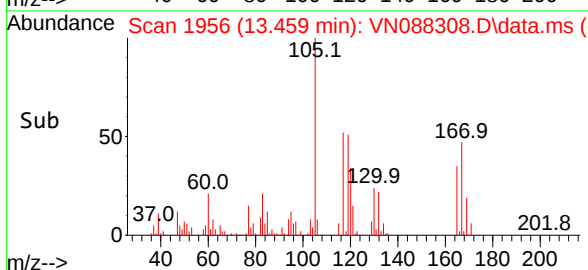
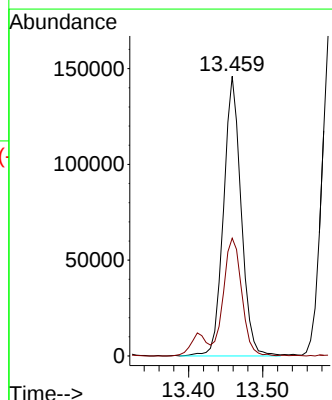
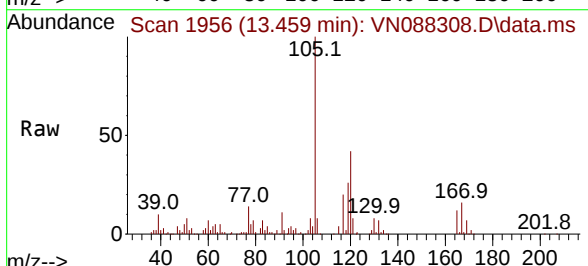
Acq: 18 Nov 2025 11:02

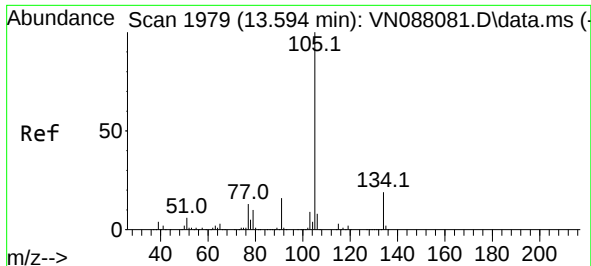
Tgt Ion:105 Resp: 240788

Ion Ratio Lower Upper

105 100

120 43.4 22.0 66.0

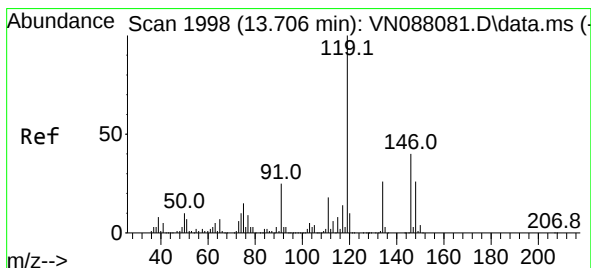
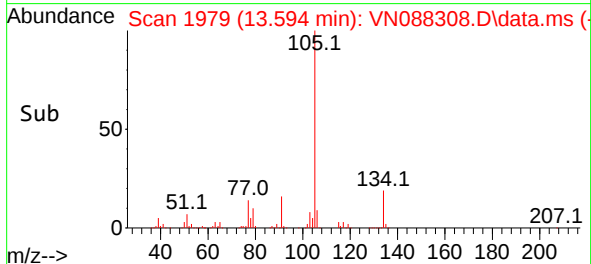
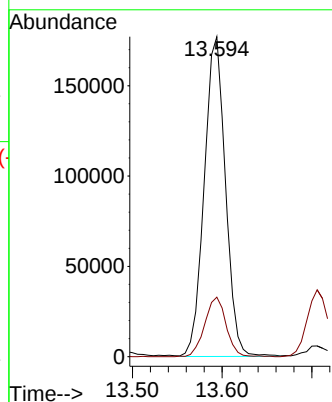
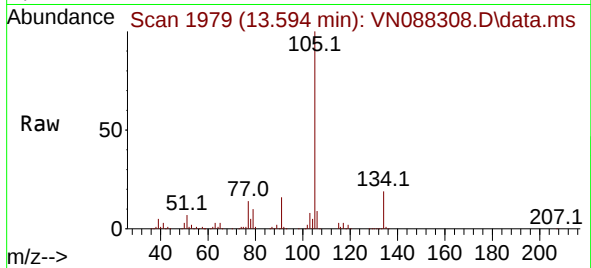




#85
sec-Butylbenzene
Concen: 16.627 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

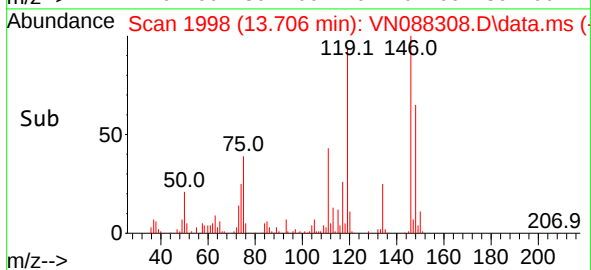
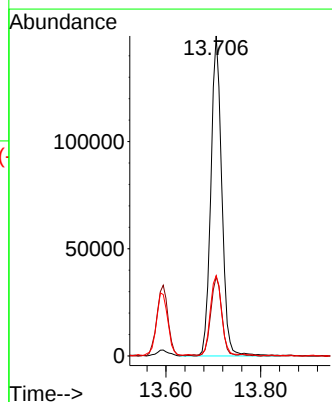
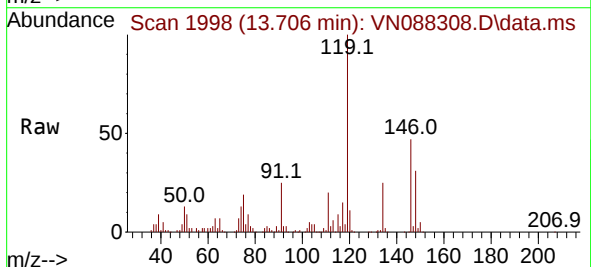
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

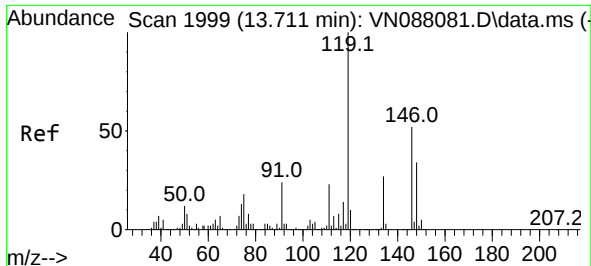
Tgt Ion:105 Resp: 290586
Ion Ratio Lower Upper
105 100
134 18.8 9.6 28.6



#86
p-Isopropyltoluene
Concen: 17.123 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion:119 Resp: 240061
Ion Ratio Lower Upper
119 100
134 24.8 12.7 38.0
91 26.7 12.5 37.5

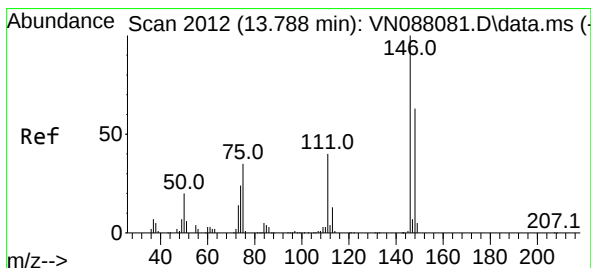
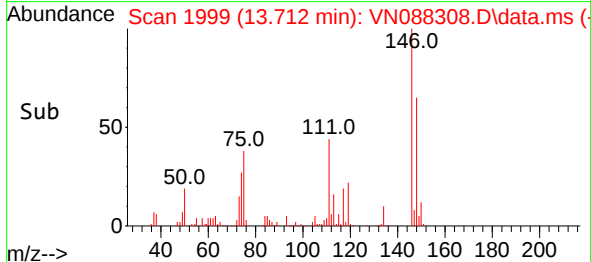
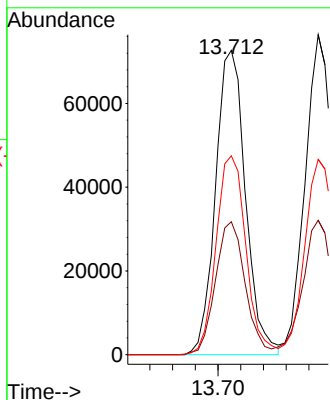
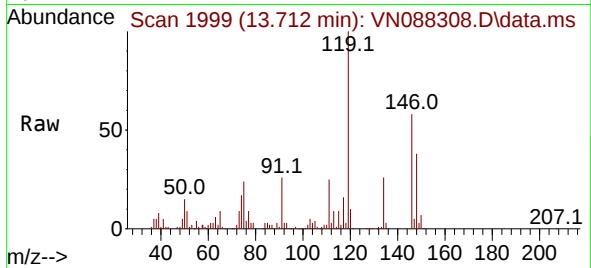




#87
 1,3-Dichlorobenzene
 Concen: 19.289 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN088308.D
 Acq: 18 Nov 2025 11:02

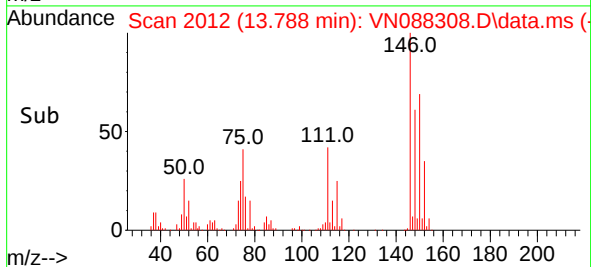
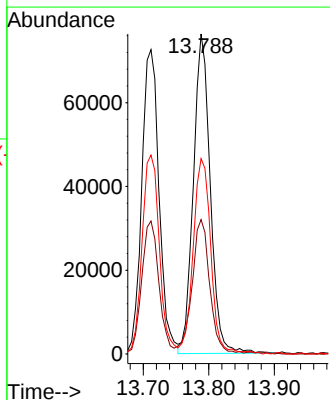
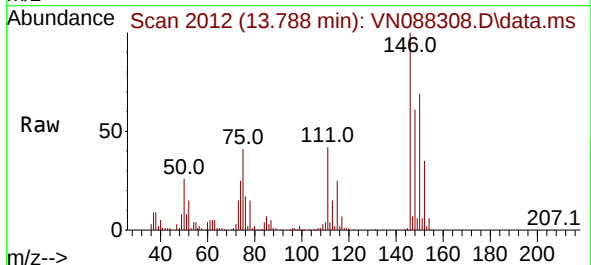
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS01

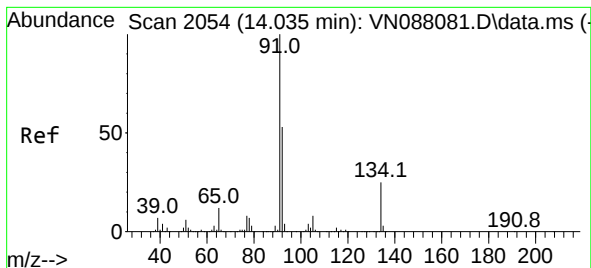
Tgt Ion:146 Resp: 133135
 Ion Ratio Lower Upper
 146 100
 111 43.4 22.1 66.5
 148 65.3 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.481 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN088308.D
 Acq: 18 Nov 2025 11:02

Tgt Ion:146 Resp: 137006
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.0 63.0
 148 63.7 32.0 96.0





#89

n-Butylbenzene

Concen: 16.543 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN088308.D

Acq: 18 Nov 2025 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBS01

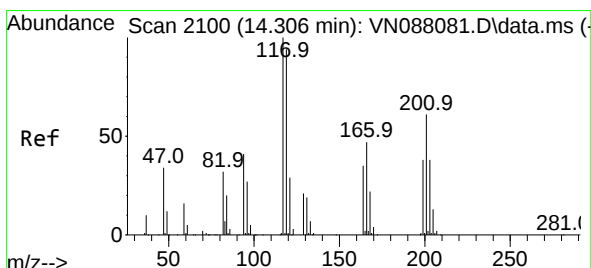
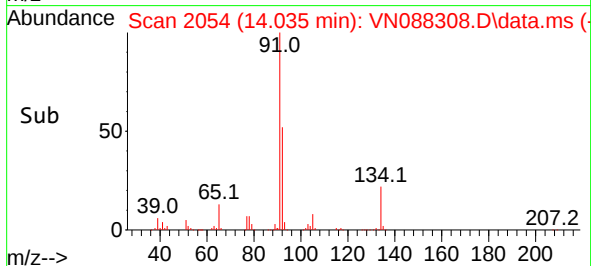
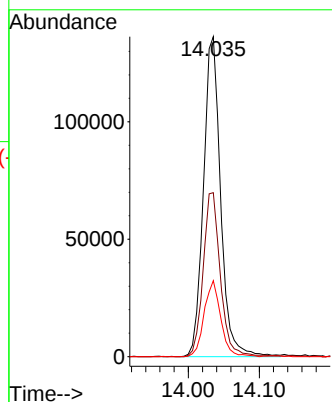
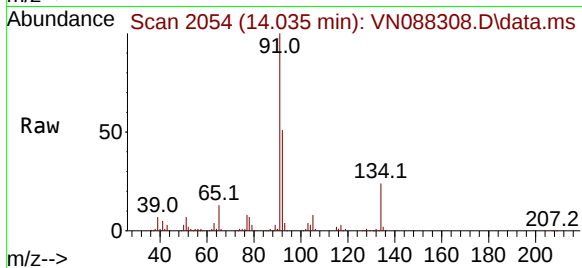
Tgt Ion: 91 Resp: 229738

Ion Ratio Lower Upper

91 100

92 51.6 25.9 77.8

134 23.0 11.7 35.0



#90

Hexachloroethane

Concen: 17.777 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN088308.D

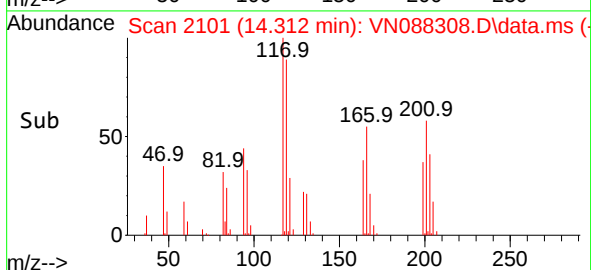
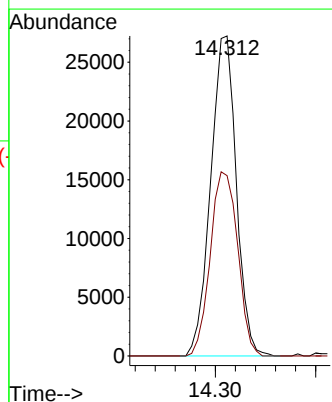
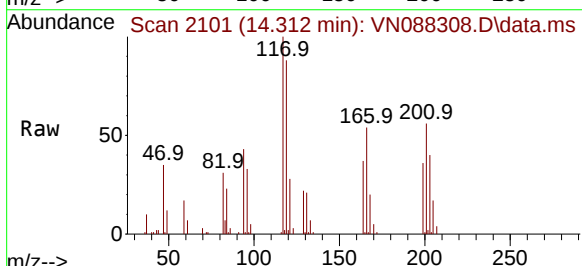
Acq: 18 Nov 2025 11:02

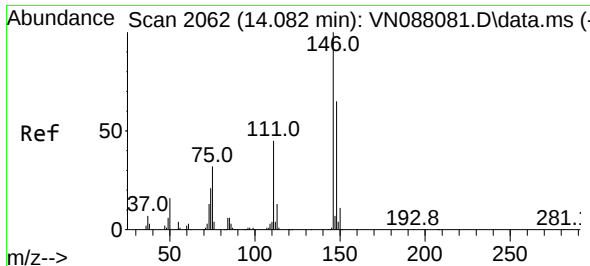
Tgt Ion: 117 Resp: 48263

Ion Ratio Lower Upper

117 100

201 61.4 29.1 87.4

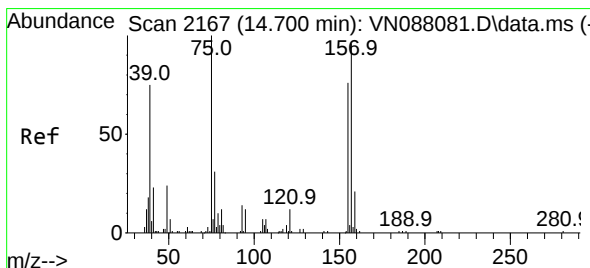
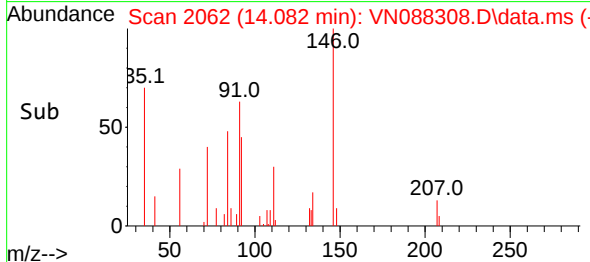
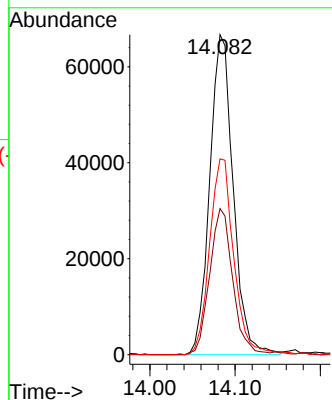
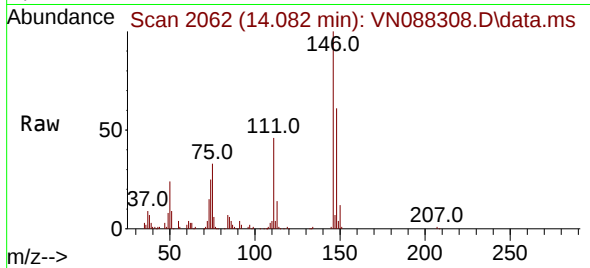




#91
 1,2-Dichlorobenzene
 Concen: 19.135 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN088308.D
 Acq: 18 Nov 2025 11:02

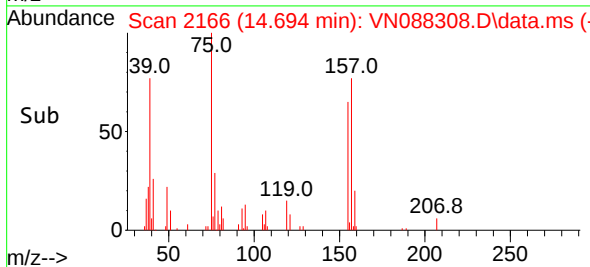
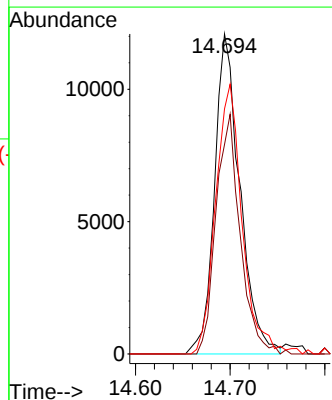
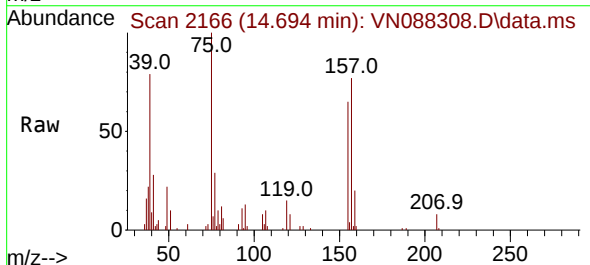
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS01

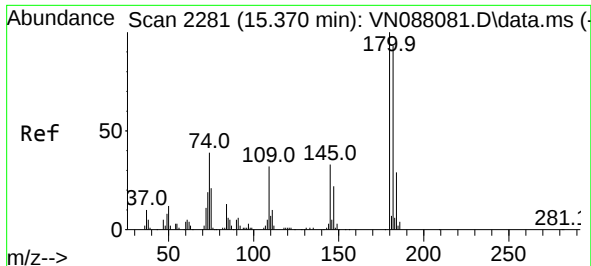
Tgt Ion:146 Resp: 127312
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.6 67.8
 148 63.7 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.353 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VN088308.D
 Acq: 18 Nov 2025 11:02

Tgt Ion: 75 Resp: 22486
 Ion Ratio Lower Upper
 75 100
 155 71.6 36.6 109.9
 157 89.1 45.6 136.9

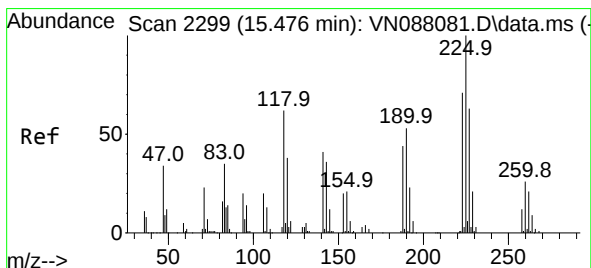
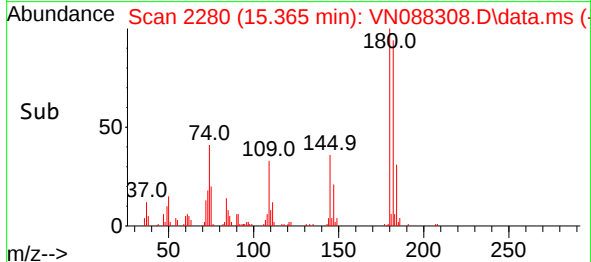
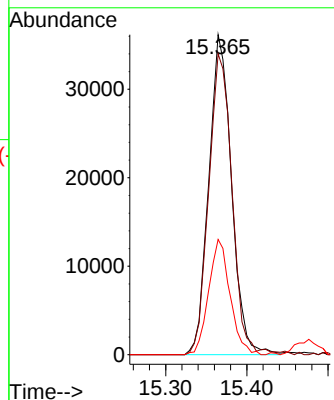
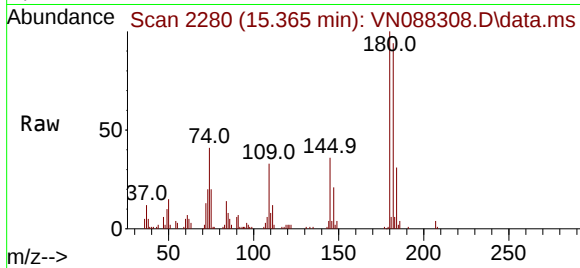




#93
1,2,4-Trichlorobenzene
Concen: 17.485 ug/l
RT: 15.365 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

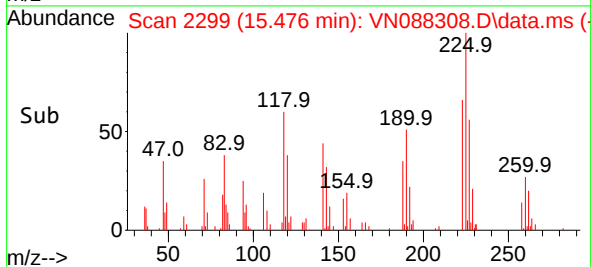
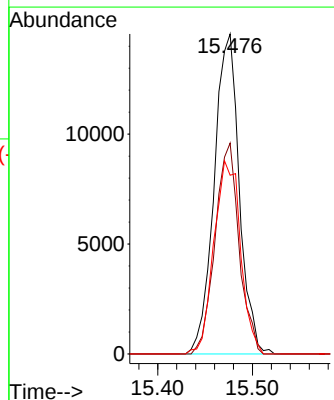
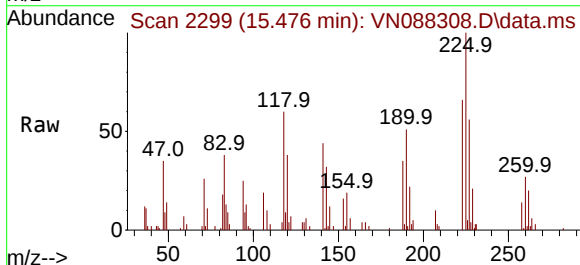
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

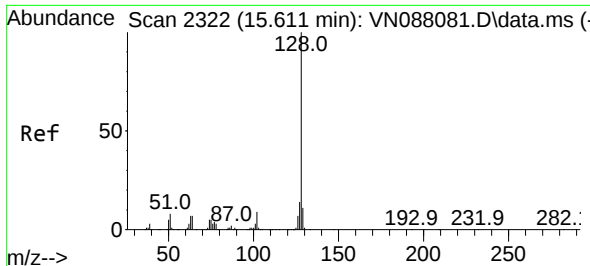
Tgt Ion:180 Resp: 70453
Ion Ratio Lower Upper
180 100
182 96.3 47.6 142.9
145 33.9 16.5 49.5



#94
Hexachlorobutadiene
Concen: 17.902 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion:225 Resp: 26862
Ion Ratio Lower Upper
225 100
223 63.1 32.0 96.2
227 63.5 32.1 96.5

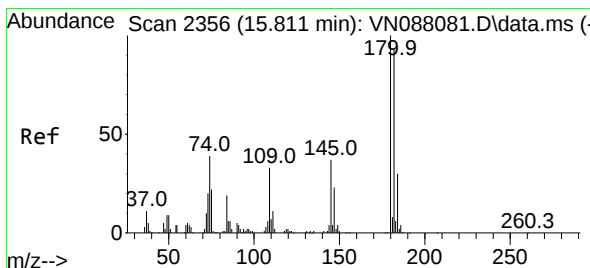
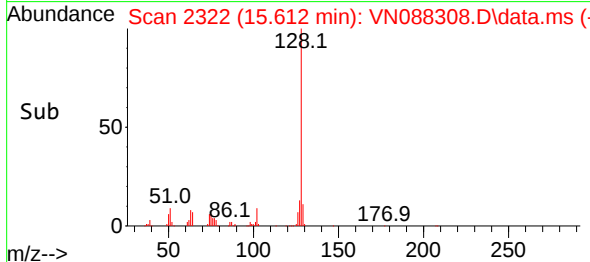
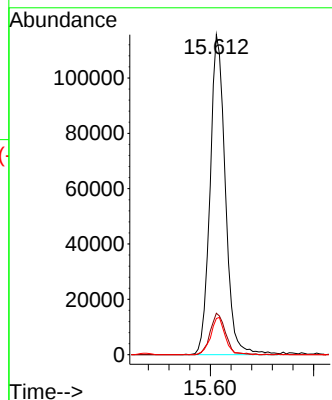
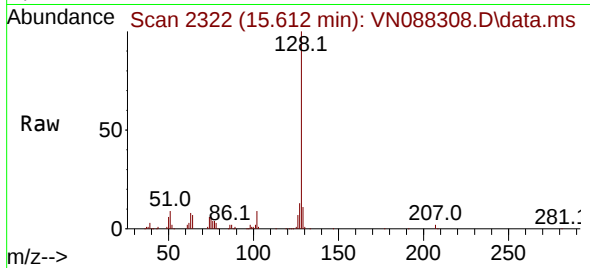




#95
Naphthalene
Concen: 17.225 ug/l
RT: 15.612 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBS01

Tgt Ion:128 Resp: 237762
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.338 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN088308.D
Acq: 18 Nov 2025 11:02

Tgt Ion:180 Resp: 70848
Ion Ratio Lower Upper
180 100
182 92.3 46.8 140.3
145 35.0 17.3 52.0

