

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091225\
 Data File : VN087812.D
 Acq On : 12 Sep 2025 10:45
 Operator : JC\MD
 Sample : VN0912WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

Quant Time: Sep 12 22:50:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	57185	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	292500	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	270542	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	142666	29.205	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.367%
60) 4-Bromofluorobenzene	12.829	95	131180	30.156	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.533%
63) Toluene-d8	10.547	98	379086	30.130	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.433%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	68525	19.281	ug/l	93
3) Chloromethane	2.383	50	66319	17.775	ug/l	99
4) Vinyl Chloride	2.536	62	77219	18.309	ug/l	93
5) Bromomethane	2.977	94	36008	14.553	ug/l	98
6) Chloroethane	3.142	64	49067	17.022	ug/l	89
7) Trichlorofluoromethane	3.512	101	114377	18.502	ug/l	94
8) Diethyl Ether	3.965	74	47598	18.233	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	60508	18.070	ug/l	75
10) 1,1-Dichloroethene	4.336	96	61911	17.934	ug/l	92
11) Methyl Iodide	4.583	142	31164	12.753	ug/l	89
12) Methyl Acetate	5.018	43	100951	18.970	ug/l	100
13) Acrolein	4.295	56	738	0.779	ug/l	92
14) Acrylonitrile	5.706	53	205534	89.730	ug/l	96
15) Acetone	4.412	58	64278	89.954	ug/l	99
16) Carbon Disulfide	4.706	76	176078	18.577	ug/l #	94
17) Allyl chloride	5.006	41	49012	8.692	ug/l	98
18) Methylene Chloride	5.265	84	72783	18.612	ug/l #	83
19) trans-1,2-Dichloroethene	5.765	96	45956	13.053	ug/l	95
20) Diisopropyl ether	6.659	45	236619	18.248	ug/l	96
21) 1,1-Dichloroethane	6.553	63	129360	18.218	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	79877	18.691	ug/l	99
23) tert-Butyl Alcohol	5.518	59	75562	93.319	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	222475	18.051	ug/l	96
25) Chloroform	7.947	83	139386	18.753	ug/l	97
26) Cyclohexane	8.236	56	98502	18.216	ug/l #	98
29) 1,1-Dichloropropene	8.347	75	85838	18.057	ug/l	98
30) 2-Butanone	7.471	43	301425	92.048	ug/l	98
31) 2,2-Dichloropropane	7.471	77	113380	19.786	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	115554	19.174	ug/l	97
33) Carbon Tetrachloride	8.347	117	93017	18.511	ug/l	98
34) Benzene	8.588	78	287923	18.741	ug/l	94
35) Methacrylonitrile	7.759	41	59654	17.416	ug/l	94
36) 1,2-Dichloroethane	8.653	62	107653	18.551	ug/l	99
37) Trichloroethene	9.330	130	65834	19.169	ug/l	95
38) Methylcyclohexane	9.583	83	95792	18.301	ug/l	100
39) 1,2-Dichloropropane	9.600	63	76239	19.375	ug/l	90
40) Dibromomethane	9.688	93	55819	19.062	ug/l	98
41) Bromodichloromethane	9.871	83	111252	18.588	ug/l	96
42) Vinyl Acetate	6.589	43	954834	87.269	ug/l #	88

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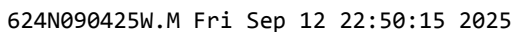
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 ClientSampleId :
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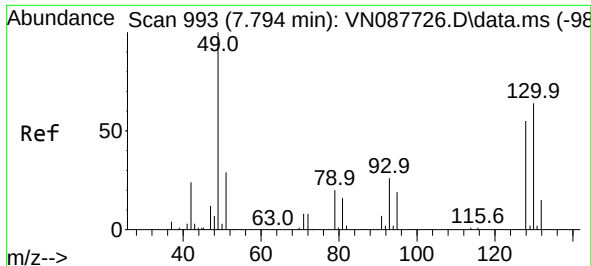
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	111964	16.735	ug/l	95
44) Isopropyl Acetate	8.677	43	184704	17.610	ug/l	99
45) 1,4-Dioxane	9.682	88	28270	427.401	ug/l	95
46) Methyl methacrylate	9.665	41	78219	16.180	ug/l	93
47) n-amyl Acetate	12.682	43	2972	0.419	ug/l #	1
48) t-1,3-Dichloropropene	10.818	75	114574	18.431	ug/l	98
49) cis-1,3-Dichloropropene	10.294	75	116952	18.368	ug/l	99
50) 1,1,2-Trichloroethane	11.000	97	71792	18.982	ug/l	91
51) Ethyl methacrylate	10.859	69	103683	17.615	ug/l	95
52) 1,3-Dichloropropane	11.141	76	121807	18.546	ug/l	99
53) Dibromochloromethane	11.335	129	78785	18.578	ug/l	94
54) 1,2-Dibromoethane	11.447	107	76056	19.325	ug/l	96
55) 2-Chloroethyl vinyl ether	10.141	63	296598	87.946	ug/l	97
56) Bromoform	12.559	173	50966	18.403	ug/l	96
58) 4-Methyl-2-Pentanone	10.424	43	587680	91.869	ug/l	99
59) 2-Hexanone	11.177	43	377128	90.222	ug/l	100
61) Tetrachloroethene	11.077	164	53216	19.756	ug/l	96
62) Toluene	10.606	91	304912	18.633	ug/l	99
64) Chlorobenzene	11.871	112	197108	19.625	ug/l	93
65) 1,1,1,2-Tetrachloroethane	11.941	131	69598	19.682	ug/l	95
66) Ethyl Benzene	11.941	91	325835	18.456	ug/l	96
67) m/p-Xylenes	12.047	106	250453	38.217	ug/l	91
68) o-Xylene	12.376	106	120873	19.023	ug/l	98
69) Styrene	12.388	104	200413	18.147	ug/l	100
70) Isopropylbenzene	12.676	105	301954	18.741	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	111961	19.330	ug/l	99
72) 1,2,3-Trichloropropane	12.971	75	140381	24.684	ug/l	54
73) Bromobenzene	12.959	156	74414	18.878	ug/l	93
74) n-propylbenzene	13.012	91	382795	18.830	ug/l	98
75) 2-Chlorotoluene	13.106	91	231074	18.886	ug/l	95
76) 1,3,5-Trimethylbenzene	13.153	105	256966	18.887	ug/l	98
77) t-1,4-Dichloro-2-butene	12.723	75	30952	16.125	ug/l	87
78) 4-Chlorotoluene	13.200	91	243017	19.702	ug/l	96
79) tert-butylbenzene	13.418	119	217008	19.045	ug/l	96
80) 1,2,4-Trimethylbenzene	13.459	105	260652	18.686	ug/l	97
81) sec-Butylbenzene	13.594	105	326802	19.499	ug/l	97
82) p-Isopropyltoluene	13.706	119	268047	19.411	ug/l	98
83) 1,3-Dichlorobenzene	13.712	146	154834	20.374	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	150160	19.713	ug/l	99
85) n-Butylbenzene	14.035	91	260262	19.608	ug/l	99
86) Hexachloroethane	14.306	117	53576	19.101	ug/l	98
87) 1,2-Dichlorobenzene	14.082	146	143217	19.982	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.700	75	24731	19.240	ug/l	93
89) 1,2,4-Trichlorobenzene	15.812	180	80060	19.639	ug/l	97
90) Hexachlorobutadiene	15.476	225	32228	23.582	ug/l	95
91) Naphthalene	15.612	128	275220	18.338	ug/l	99
92) 1,2,3-Trichlorobenzene	15.812	180	80060	19.639	ug/l	97

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

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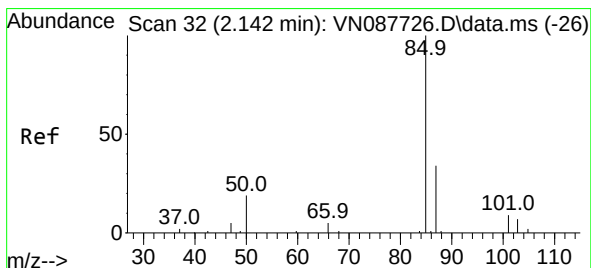
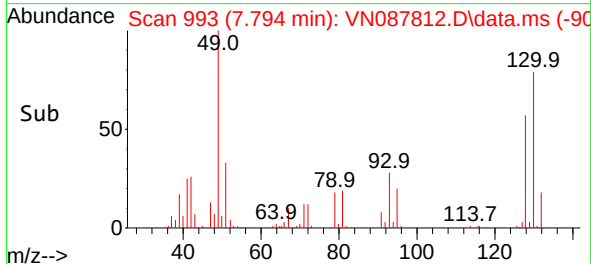
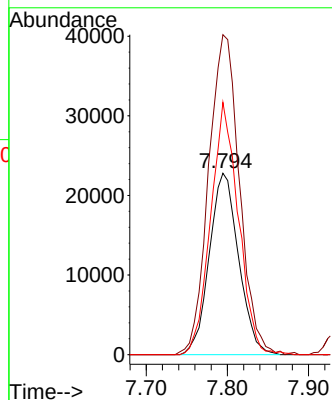
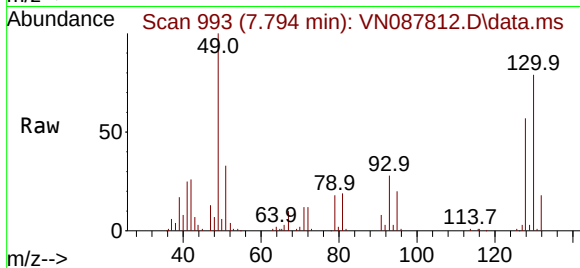




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

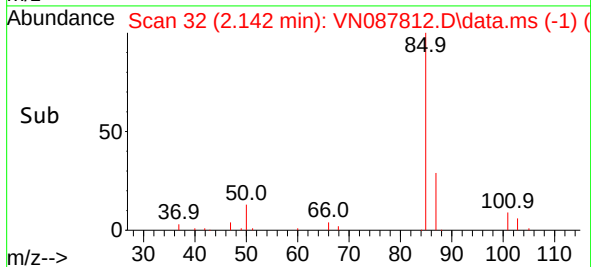
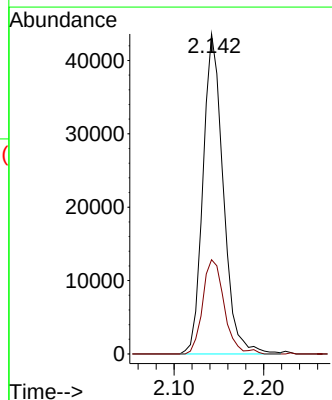
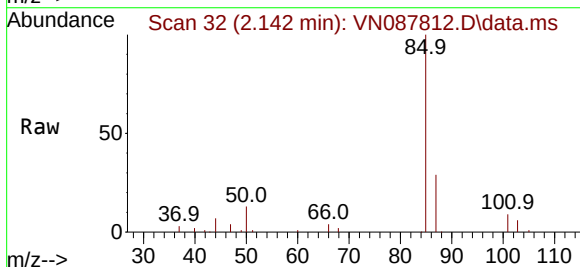
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

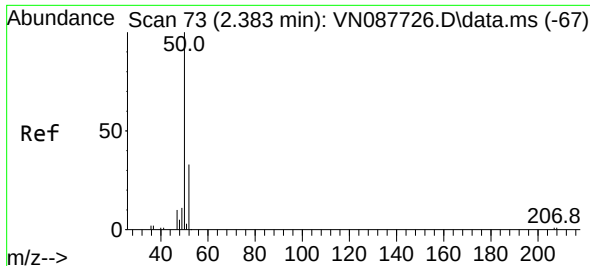
Tgt Ion:128 Resp: 57185
Ion Ratio Lower Upper
128 100
49 185.5 0.0 464.3
130 131.6 0.0 300.5



#2
Dichlorodifluoromethane
Concen: 19.281 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 85 Resp: 68525
Ion Ratio Lower Upper
85 100
87 29.5 16.8 50.4

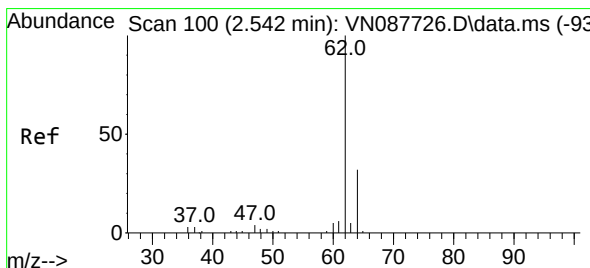
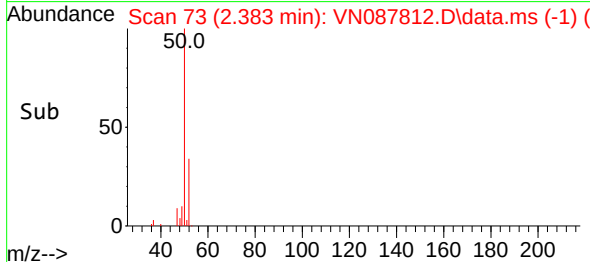
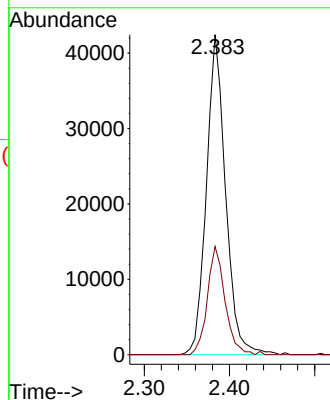
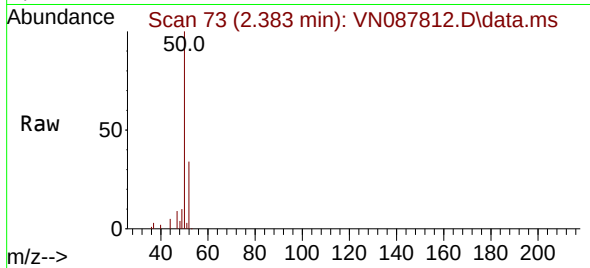




#3
Chloromethane
Concen: 17.775 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

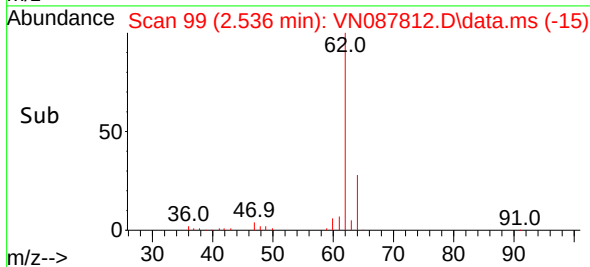
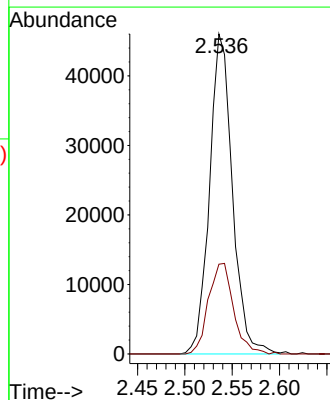
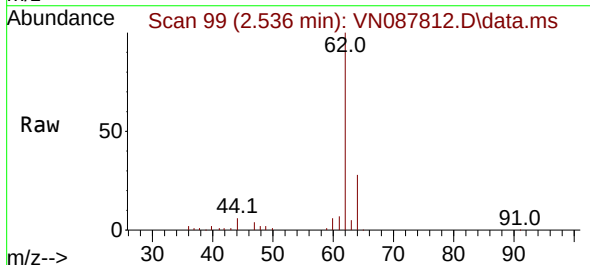
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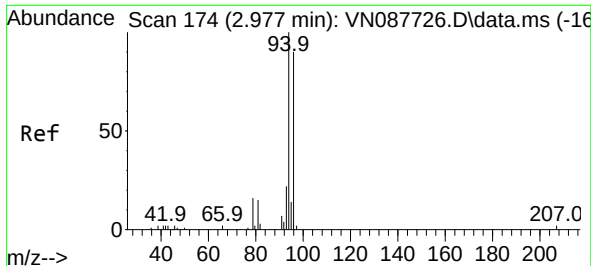
Tgt Ion: 50 Resp: 66319
Ion Ratio Lower Upper
50 100
52 33.8 26.6 40.0



#4
Vinyl Chloride
Concen: 18.309 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 62 Resp: 77219
Ion Ratio Lower Upper
62 100
64 28.1 25.5 38.3

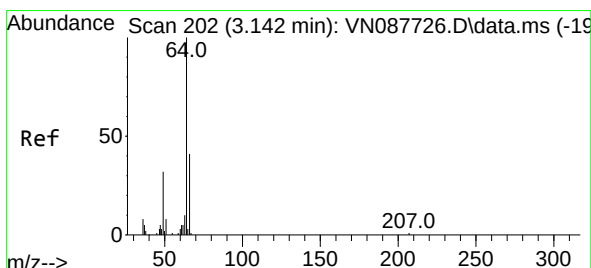
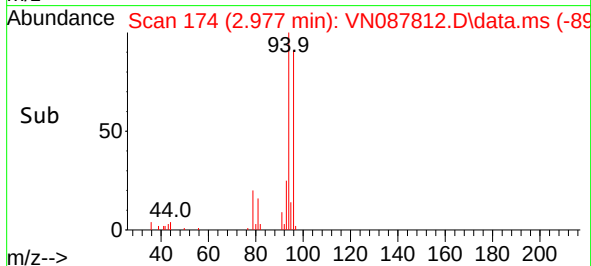
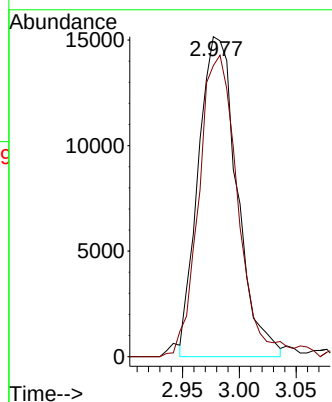
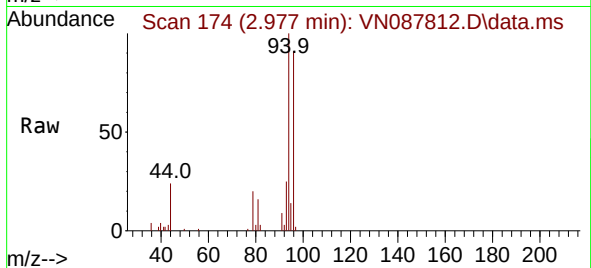




#5
Bromomethane
Concen: 14.553 ug/l
RT: 2.977 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

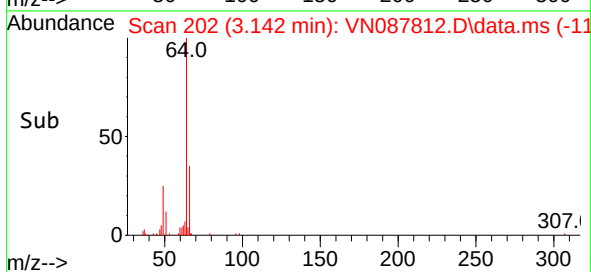
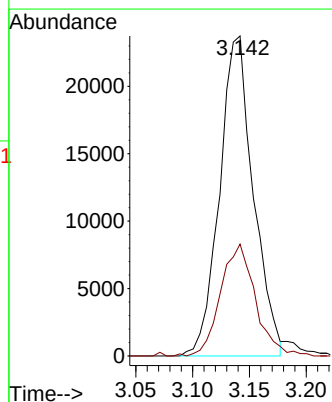
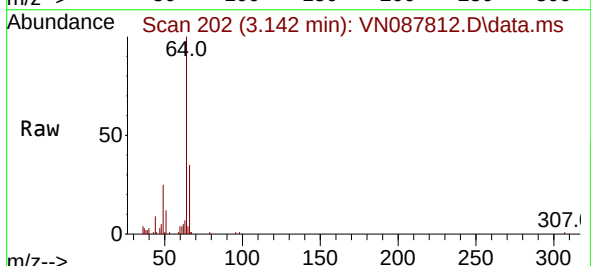
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ClientSampleId :
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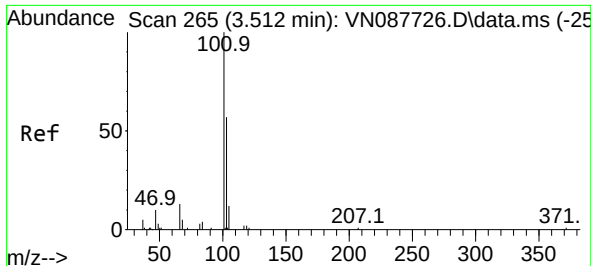
Tgt Ion: 94 Resp: 36008
Ion Ratio Lower Upper
94 100
96 88.4 72.2 108.4



#6
Chloroethane
Concen: 17.022 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 64 Resp: 49067
Ion Ratio Lower Upper
64 100
66 34.3 32.8 49.2

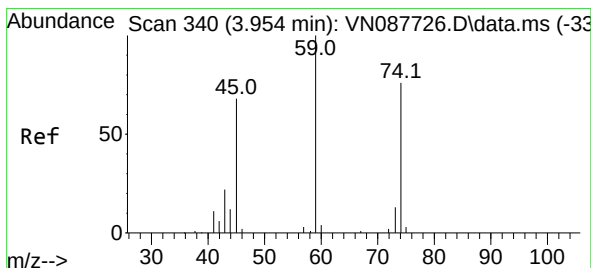
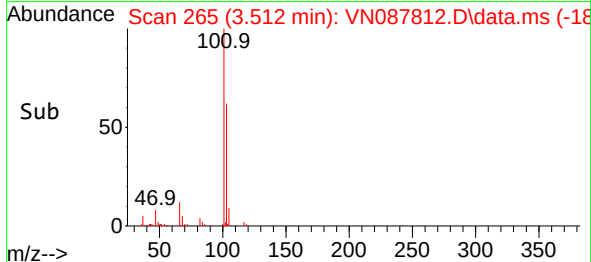
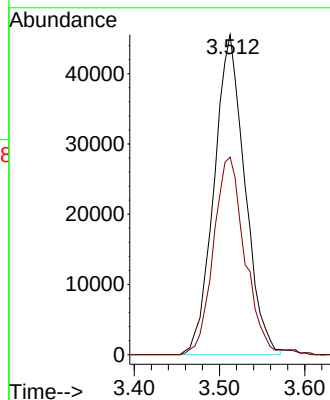
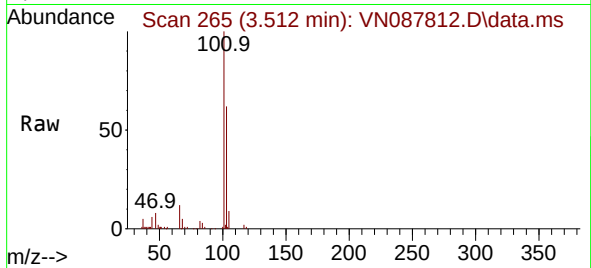




#7
 Trichlorofluoromethane
 Concen: 18.502 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087812.D
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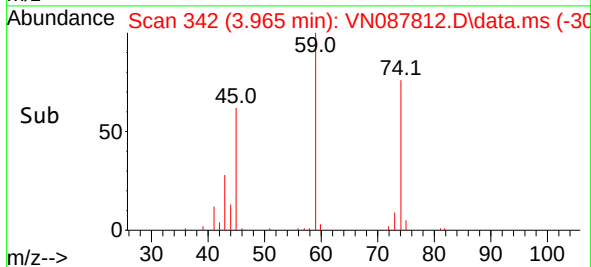
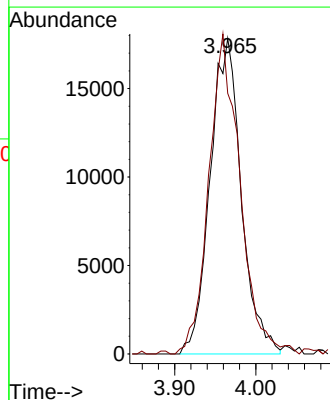
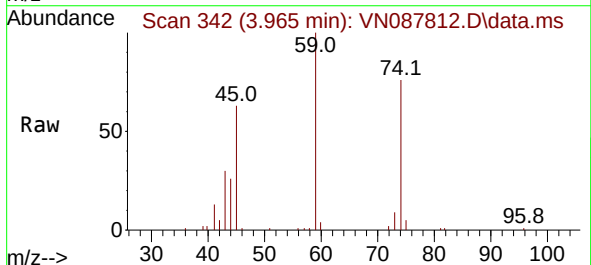
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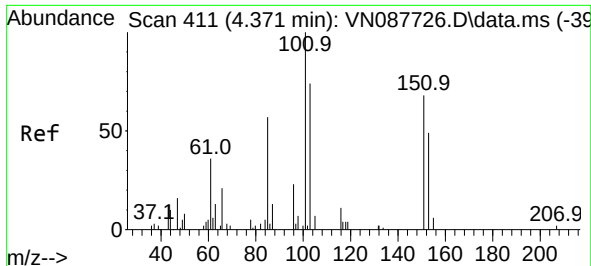
Tgt Ion:101 Resp: 114377
 Ion Ratio Lower Upper
 101 100
 103 61.7 45.7 68.5



#8
 Diethyl Ether
 Concen: 18.233 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN087812.D
 Acq: 12 Sep 2025 10:45

Tgt Ion: 74 Resp: 47598
 Ion Ratio Lower Upper
 74 100
 45 100.3 20.4 183.8

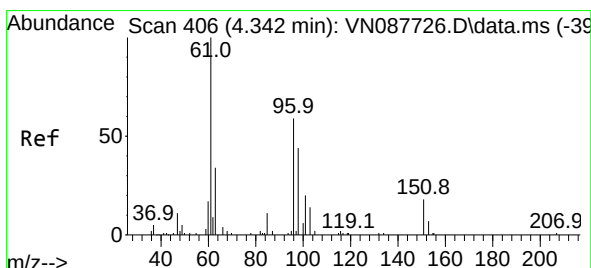
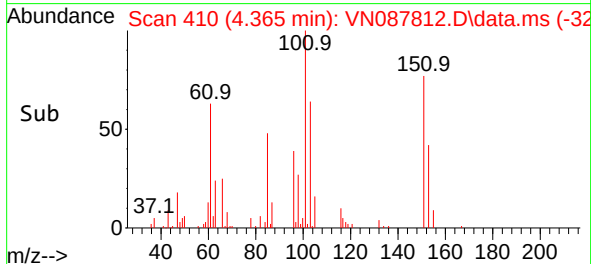
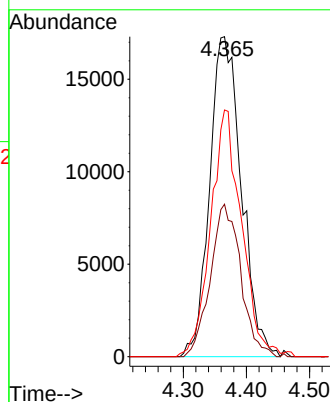
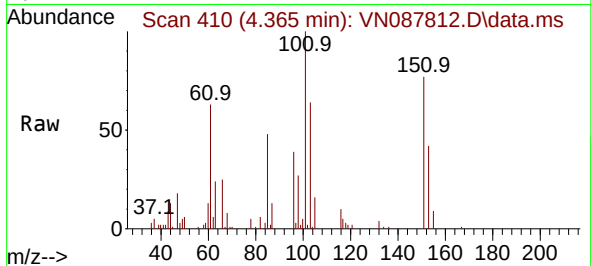




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.070 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN087812.D
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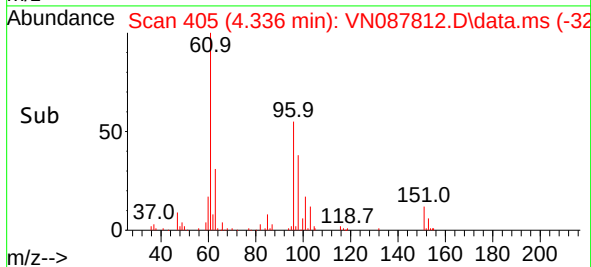
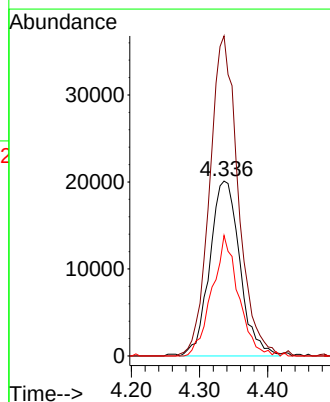
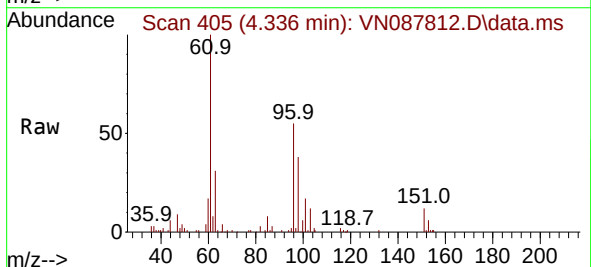
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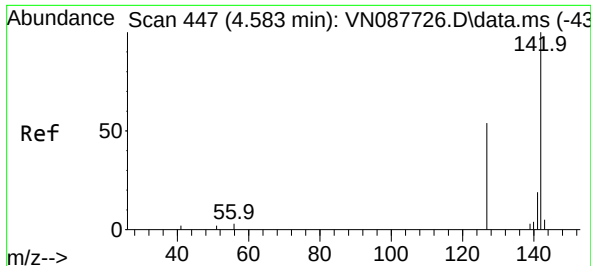
Tgt Ion:101 Resp: 60508
Ion Ratio Lower Upper
101 100
85 45.6 0.0 95.6
151 73.9 0.0 85.8



#10
1,1-Dichloroethene
Concen: 17.934 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 96 Resp: 61911
Ion Ratio Lower Upper
96 100
61 181.7 135.9 203.9
98 68.9 59.2 88.8

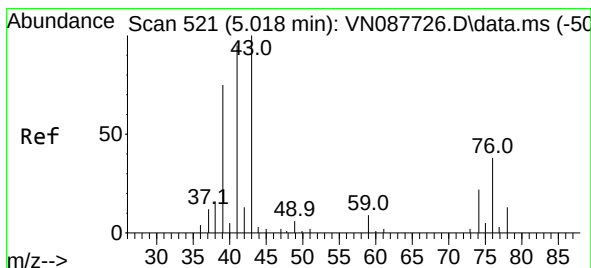
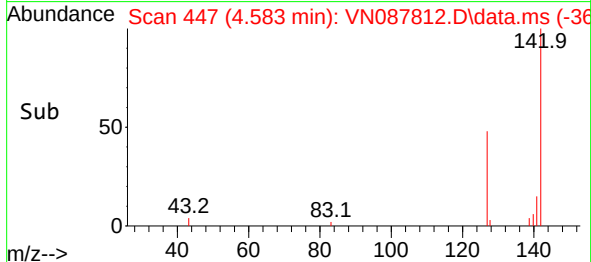
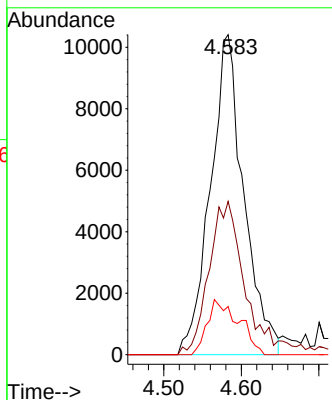
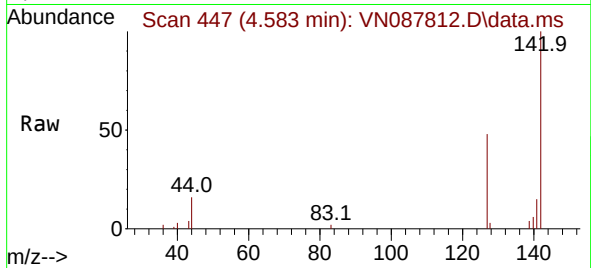




#11
Methyl Iodide
Concen: 12.753 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

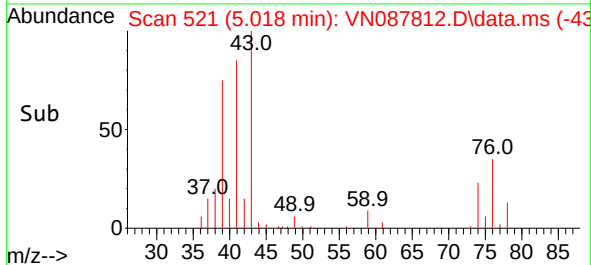
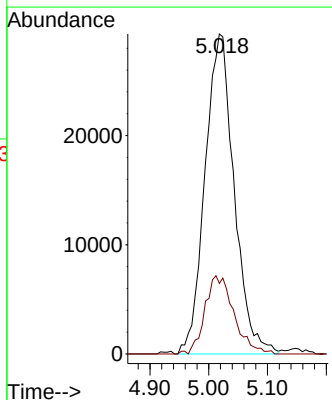
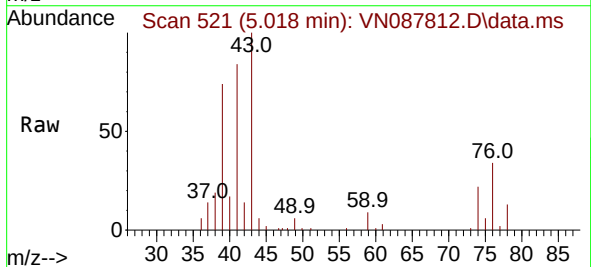
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

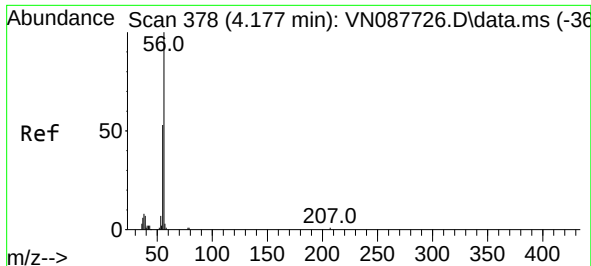
Tgt Ion:	142	Resp:	31164
Ion	Ratio	Lower	Upper
142	100		
127	47.0	27.9	83.7
141	15.4	9.6	28.8



#12
Methyl Acetate
Concen: 18.970 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion:	43	Resp:	100951
Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.5	26.3

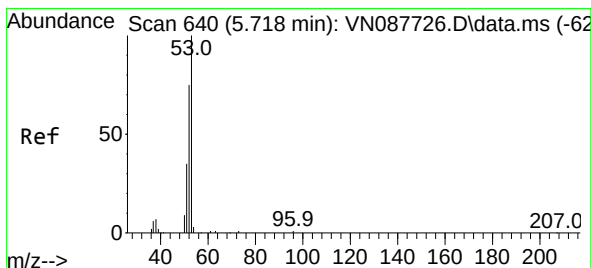
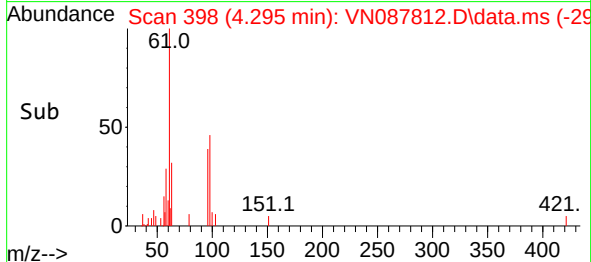
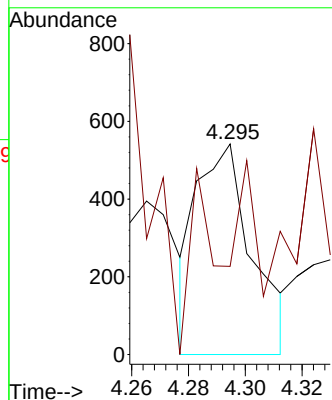
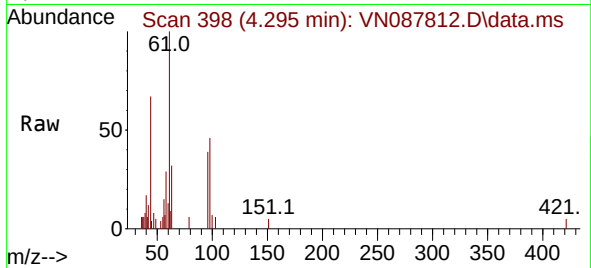




#13
Acrolein
Concen: 0.779 ug/l
RT: 4.295 min Scan# 398
Delta R.T. 0.118 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

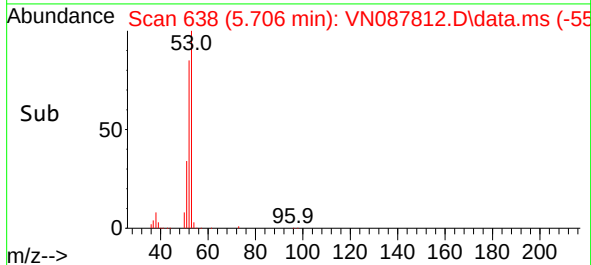
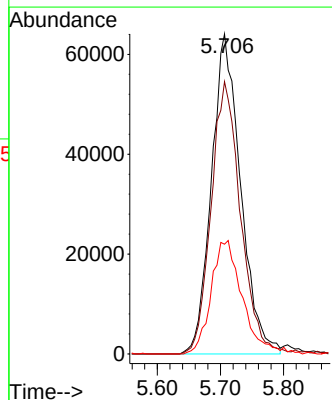
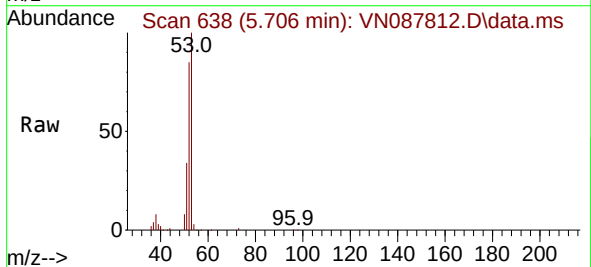
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

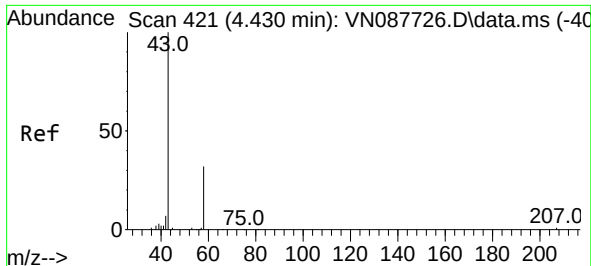
Tgt Ion: 56 Resp: 738
Ion Ratio Lower Upper
56 100
55 31.0 28.6 42.8



#14
Acrylonitrile
Concen: 89.730 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.012 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 53 Resp: 205534
Ion Ratio Lower Upper
53 100
52 85.7 40.9 122.7
51 37.5 18.1 54.1

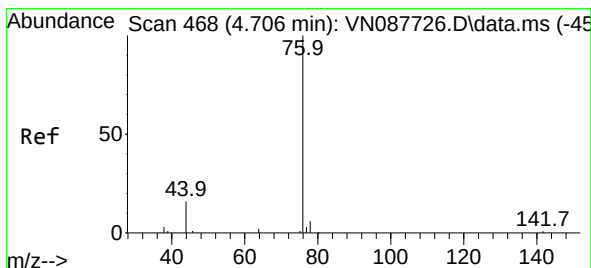
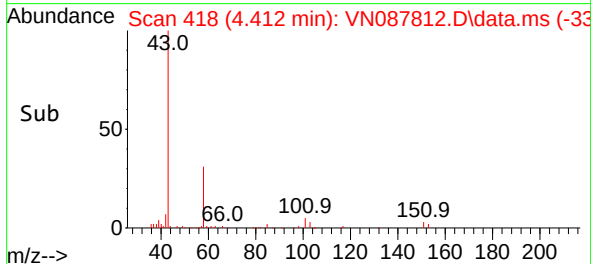
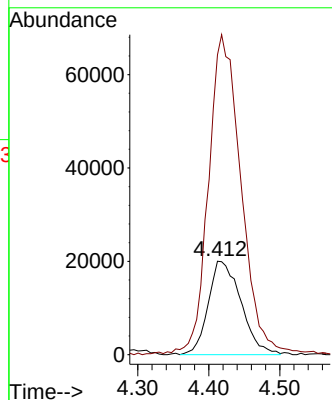
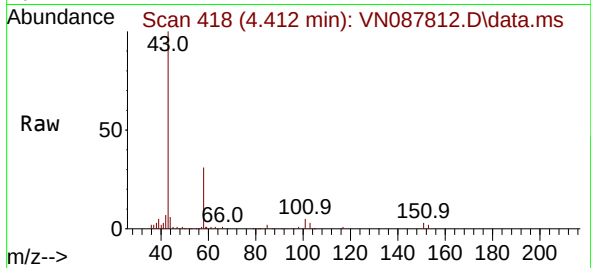




#15
Acetone
Concen: 89.954 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.018 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

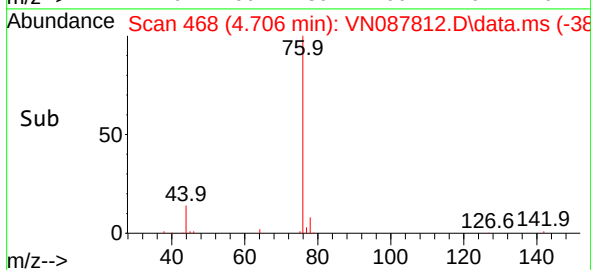
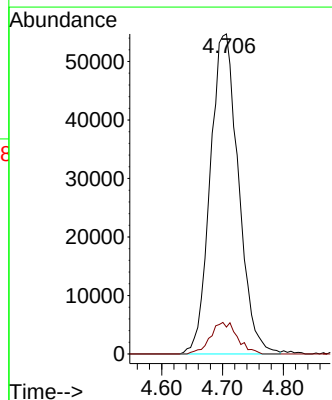
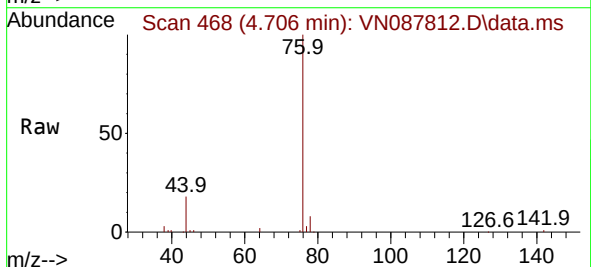
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

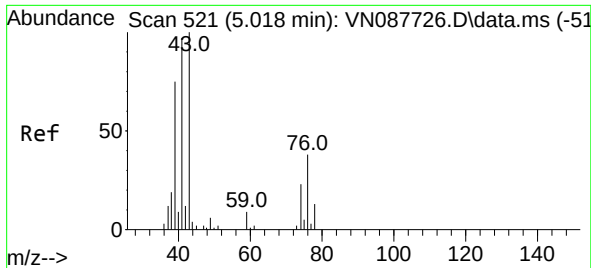
Tgt Ion: 58 Resp: 64278
Ion Ratio Lower Upper
58 100
43 315.6 250.6 376.0



#16
Carbon Disulfide
Concen: 18.577 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 76 Resp: 176078
Ion Ratio Lower Upper
76 100
78 8.4 5.0 7.6#

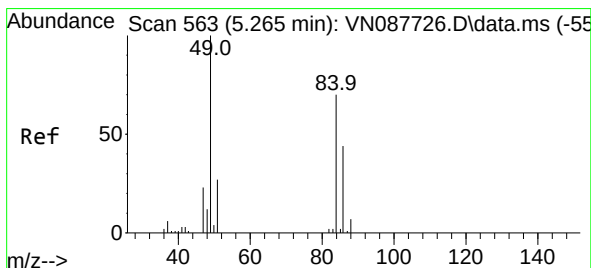
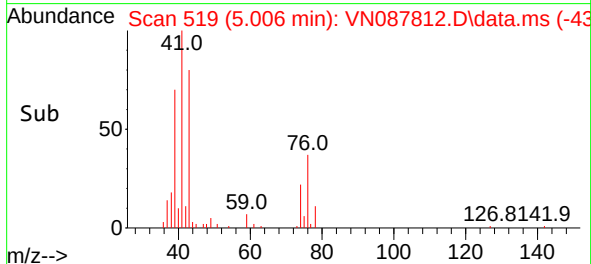
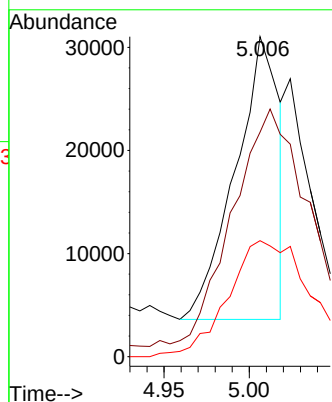
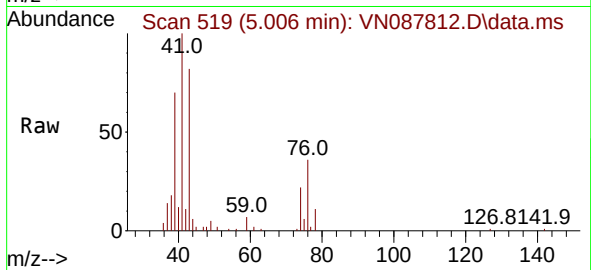




#17
 Allyl chloride
 Concen: 8.692 ug/l
 RT: 5.006 min Scan# 519
 Delta R.T. -0.012 min
 Lab File: VN087812.D
 Acq: 12 Sep 2025 10:45

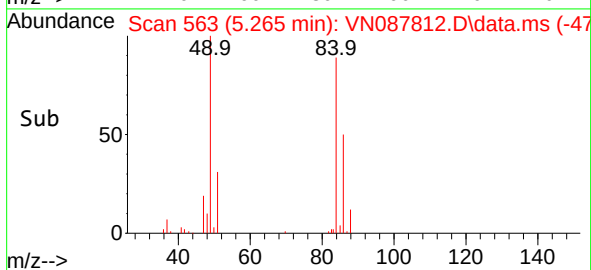
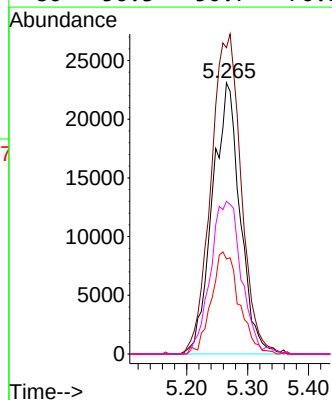
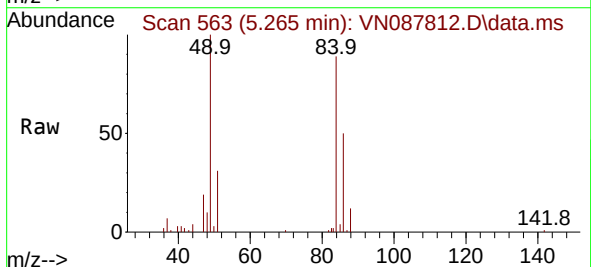
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

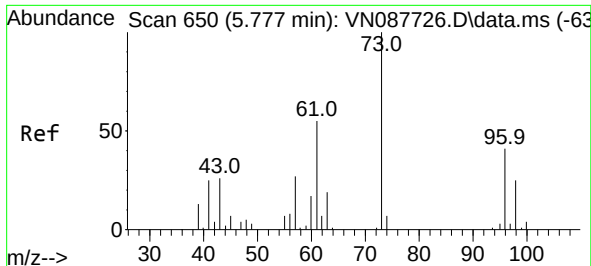
Tgt Ion: 41 Resp: 49012
 Ion Ratio Lower Upper
 41 100
 39 73.7 36.7 110.1
 76 39.2 18.3 54.8



#18
 Methylene Chloride
 Concen: 18.612 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.000 min
 Lab File: VN087812.D
 Acq: 12 Sep 2025 10:45

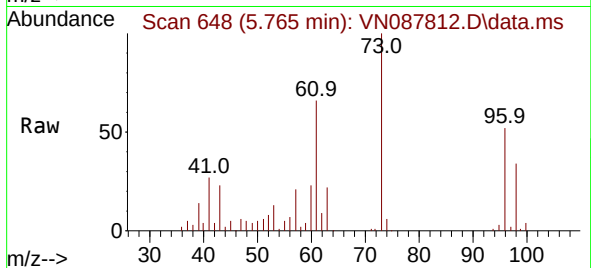
Tgt Ion: 84 Resp: 72783
 Ion Ratio Lower Upper
 84 100
 49 112.9 114.1 171.1#
 51 35.0 30.2 45.4
 86 56.3 50.7 76.1



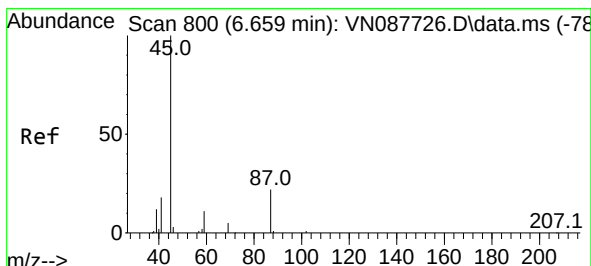
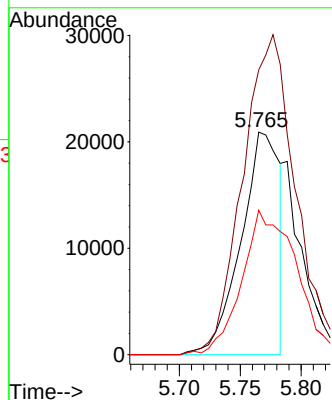
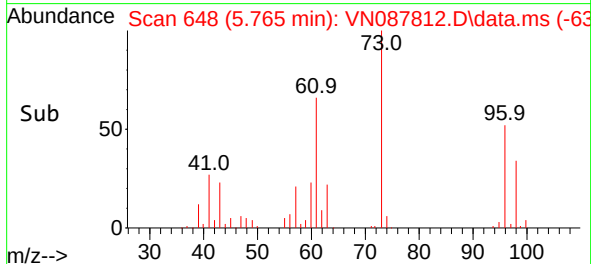


#19
trans-1,2-Dichloroethene
Concen: 13.053 ug/l
RT: 5.765 min Scan# 64
Delta R.T. -0.012 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

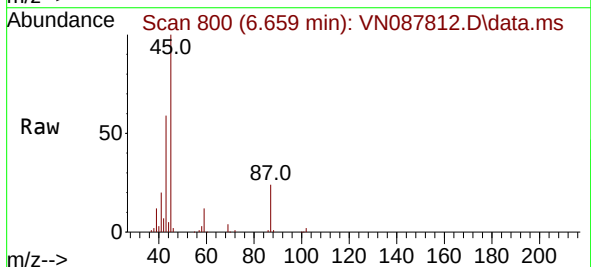
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



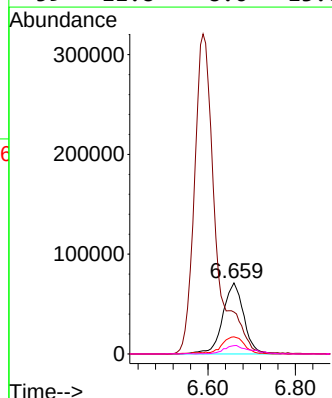
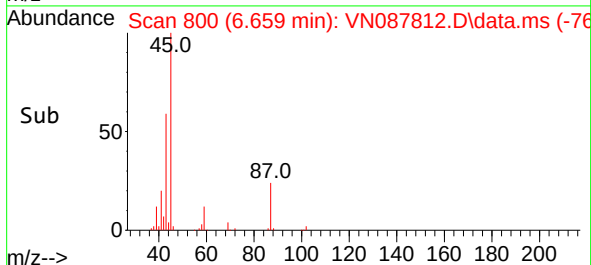
Tgt Ion: 96 Resp: 45956
Ion Ratio Lower Upper
96 100
61 128.0 106.4 159.6
98 65.0 48.9 73.3

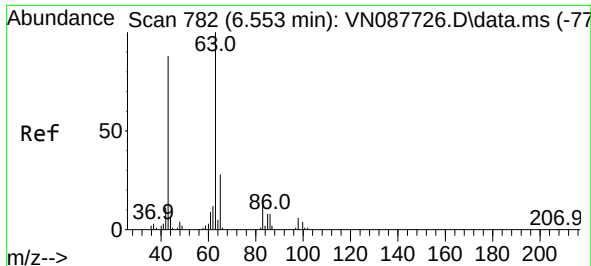


#20
Diisopropyl ether
Concen: 18.248 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45



Tgt Ion: 45 Resp: 236619
Ion Ratio Lower Upper
45 100
43 57.9 49.5 74.3
87 23.8 18.8 28.2
59 11.8 8.6 13.0

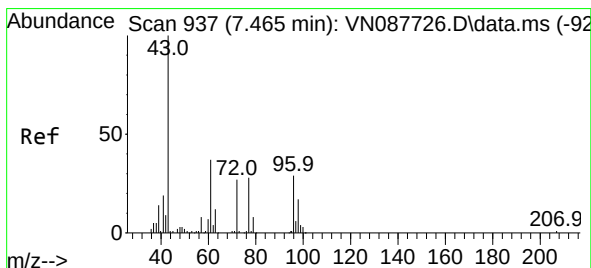
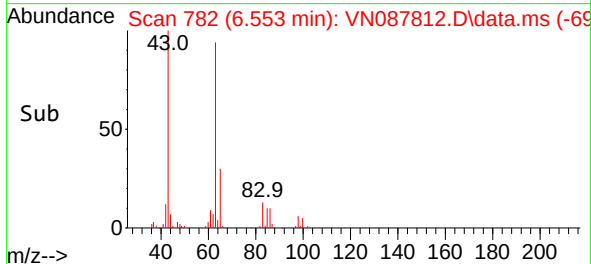
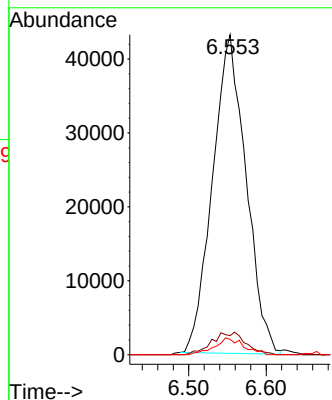
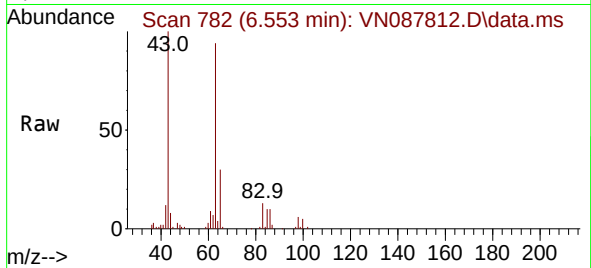




#21
 1,1-Dichloroethane
 Concen: 18.218 ug/l
 RT: 6.553 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN087812.D
 Acq: 12 Sep 2025 10:45

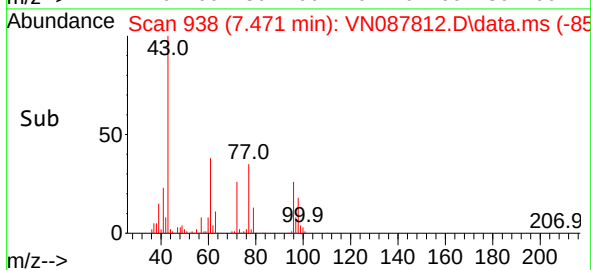
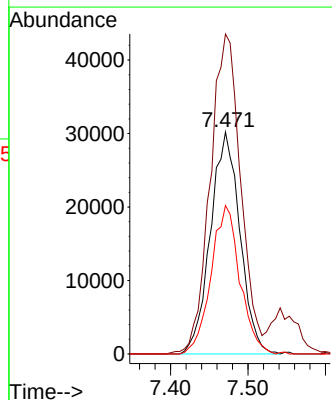
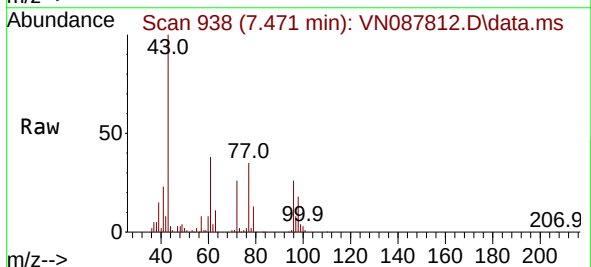
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

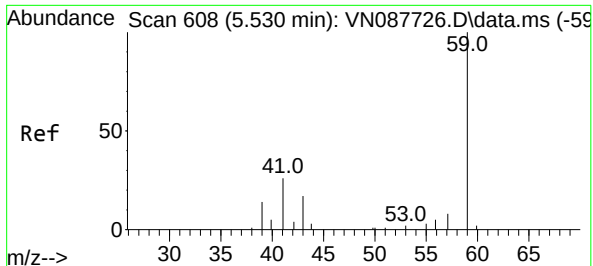
Tgt Ion: 63 Resp: 129360
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.8
 100 4.8 1.8 5.3



#22
 cis-1,2-Dichloroethene
 Concen: 18.691 ug/l
 RT: 7.471 min Scan# 938
 Delta R.T. 0.006 min
 Lab File: VN087812.D
 Acq: 12 Sep 2025 10:45

Tgt Ion: 96 Resp: 79877
 Ion Ratio Lower Upper
 96 100
 61 149.1 118.2 177.2
 98 65.4 51.6 77.4

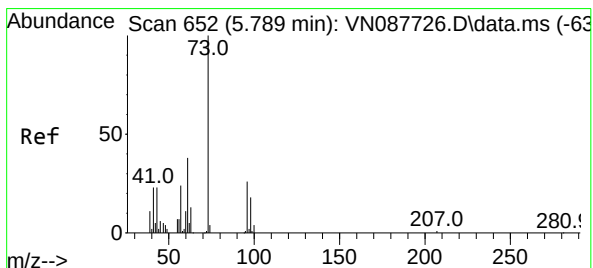
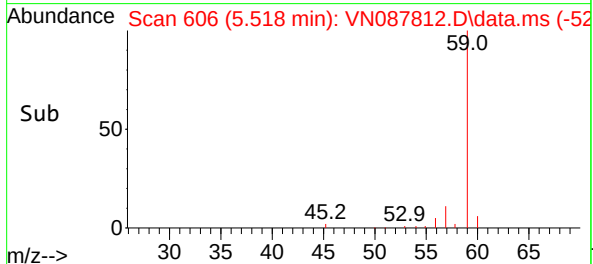
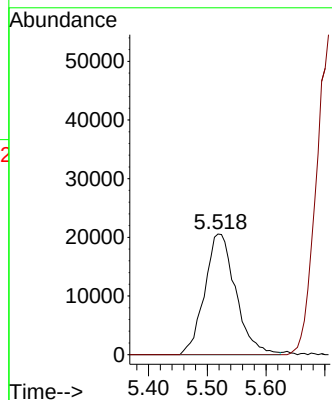
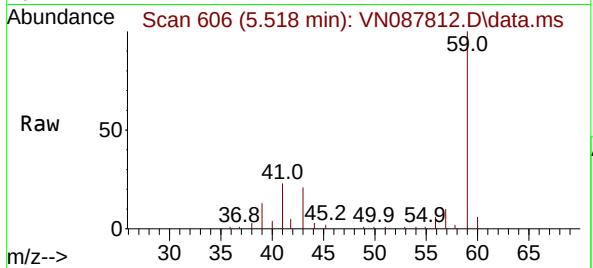




#23
tert-Butyl Alcohol
Concen: 93.319 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

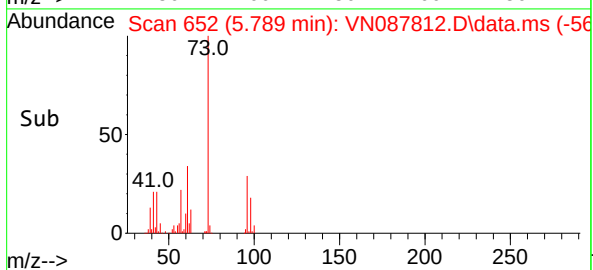
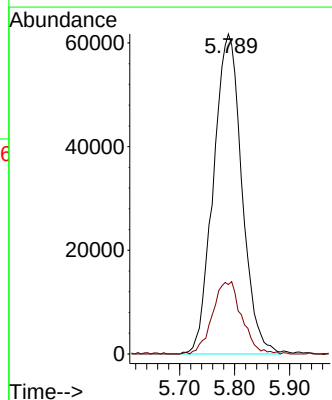
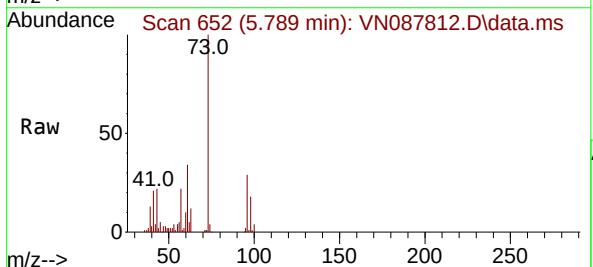
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

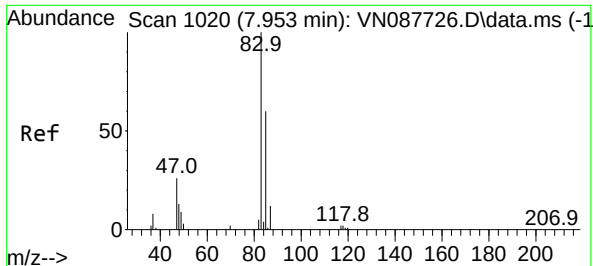
Tgt Ion: 59 Resp: 75562
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.051 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 73 Resp: 222475
Ion Ratio Lower Upper
73 100
43 23.1 16.8 25.2





#25

Chloroform

Concen: 18.753 ug/l

RT: 7.947 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN087812.D

Acq: 12 Sep 2025 10:45

Instrument :

MSVOA_N

ClientSampleId :

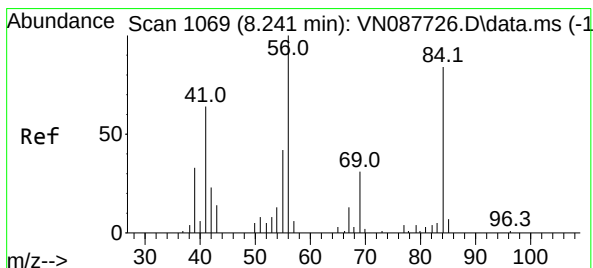
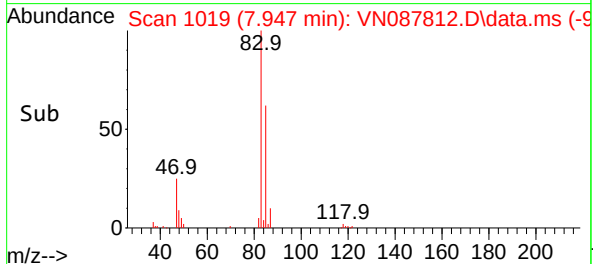
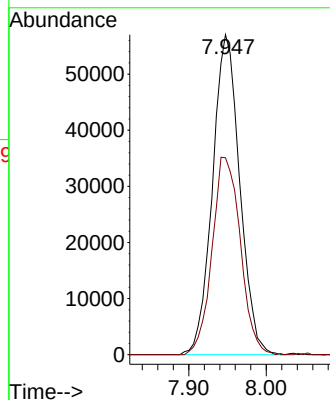
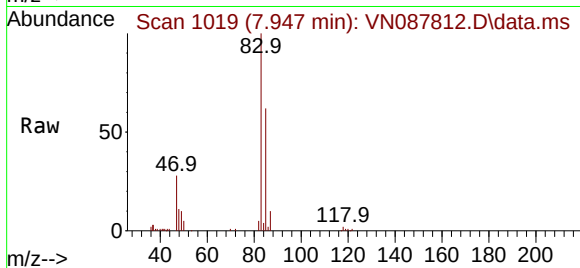
VN0912WBS01

Tgt Ion: 83 Resp: 139386

Ion Ratio Lower Upper

83 100

85 61.5 47.7 71.5



#26

Cyclohexane

Concen: 18.216 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN087812.D

Acq: 12 Sep 2025 10:45

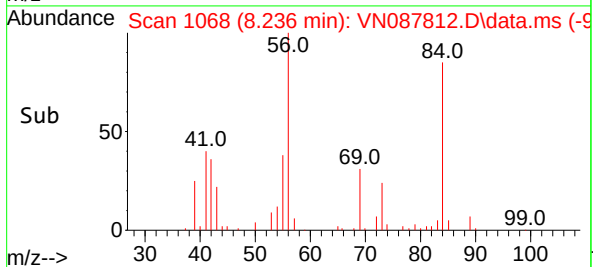
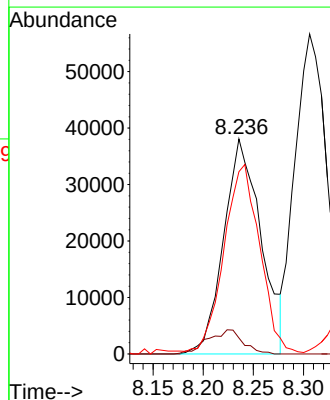
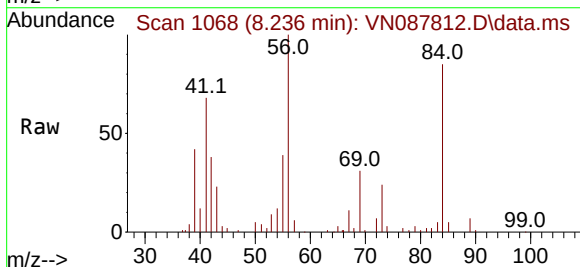
Tgt Ion: 56 Resp: 98502

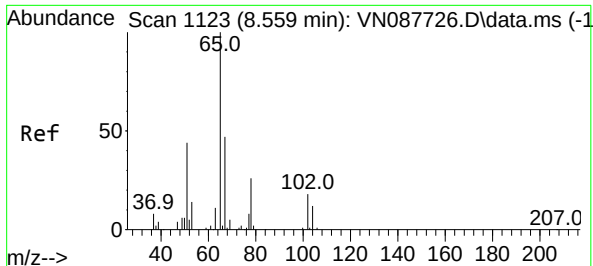
Ion Ratio Lower Upper

56 100

89 10.6 0.0 0.0#

84 85.2 69.4 104.2





#27

1,2-Dichloroethane-d4

Concen: 29.205 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087812.D

Acq: 12 Sep 2025 10:45

Instrument :

MSVOA_N

ClientSampleId :

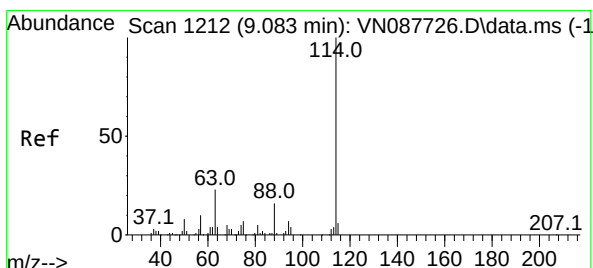
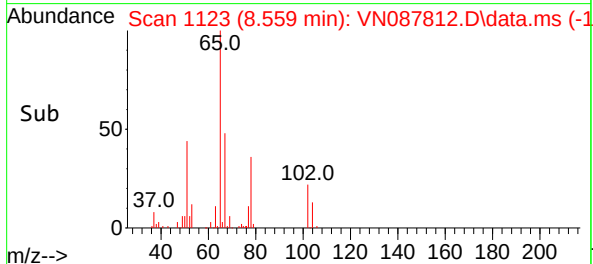
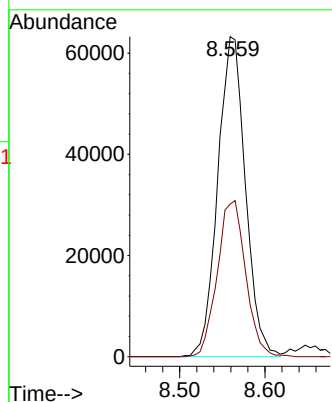
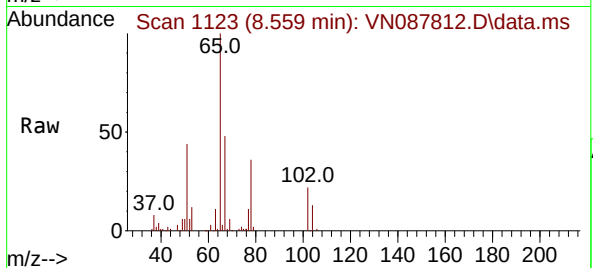
VN0912WBS01

Tgt Ion: 65 Resp: 142666

Ion Ratio Lower Upper

65 100

67 49.9 39.6 59.4



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087812.D

Acq: 12 Sep 2025 10:45

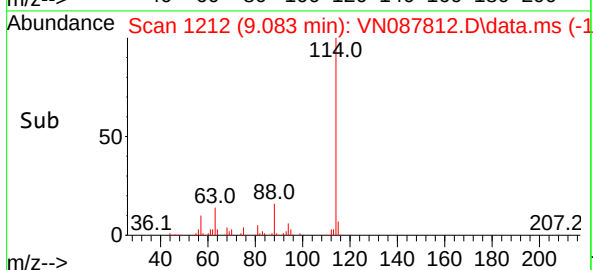
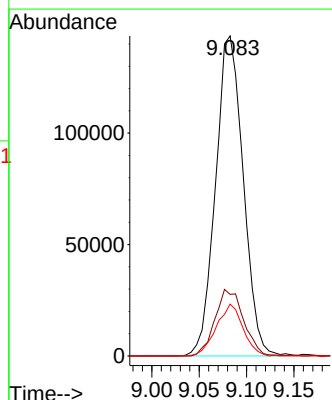
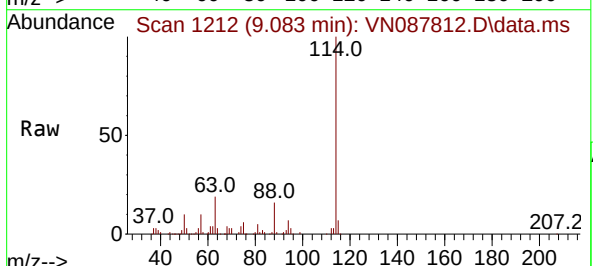
Tgt Ion: 114 Resp: 292500

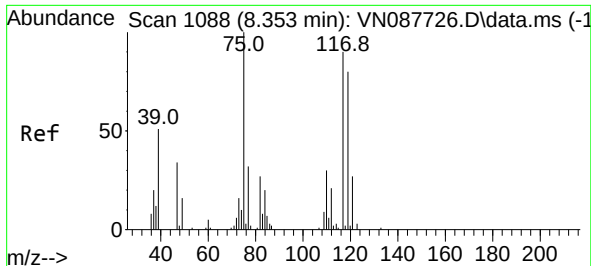
Ion Ratio Lower Upper

114 100

63 21.5 18.3 27.5

88 15.6 12.4 18.6





#29

1,1-Dichloropropene

Concen: 18.057 ug/l

RT: 8.347 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN087812.D

Acq: 12 Sep 2025 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

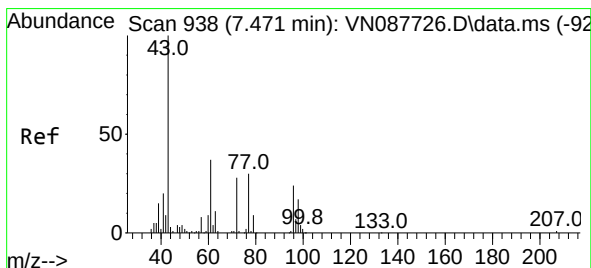
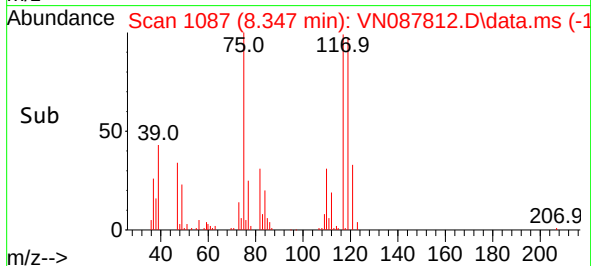
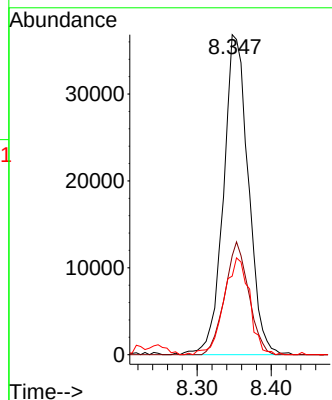
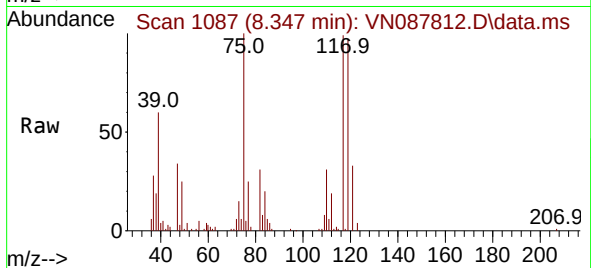
Tgt Ion: 75 Resp: 85838

Ion Ratio Lower Upper

75 100

110 33.9 0.0 64.4

77 30.6 0.0 62.2



#30

2-Butanone

Concen: 92.048 ug/l

RT: 7.471 min Scan# 938

Delta R.T. -0.000 min

Lab File: VN087812.D

Acq: 12 Sep 2025 10:45

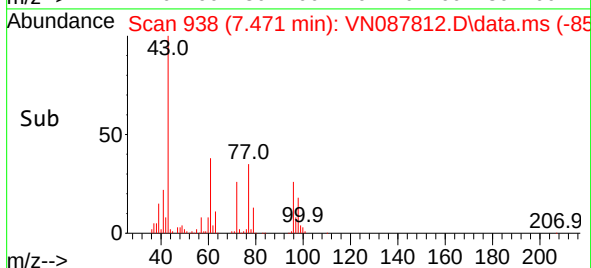
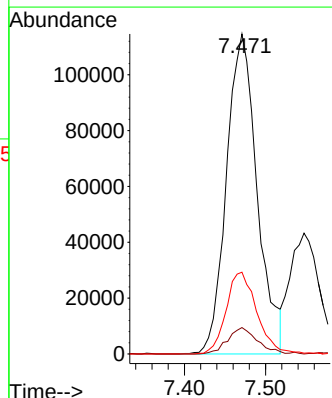
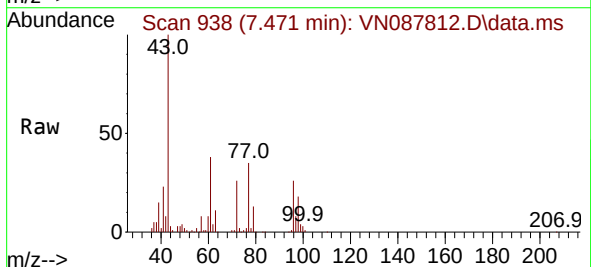
Tgt Ion: 43 Resp: 301425

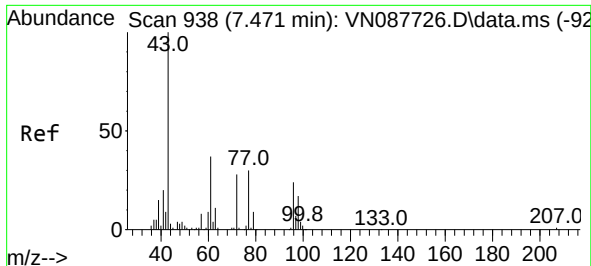
Ion Ratio Lower Upper

43 100

57 7.9 6.3 9.5

72 25.5 21.4 32.2

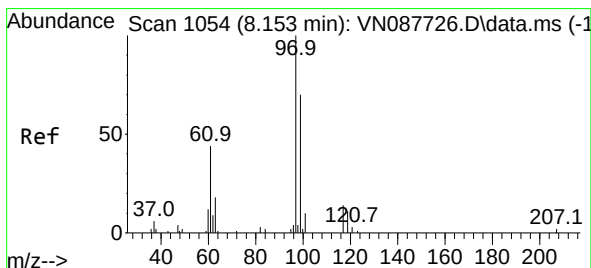
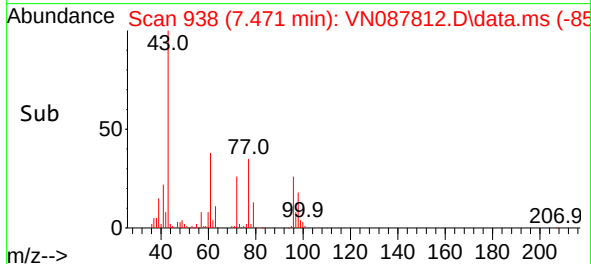
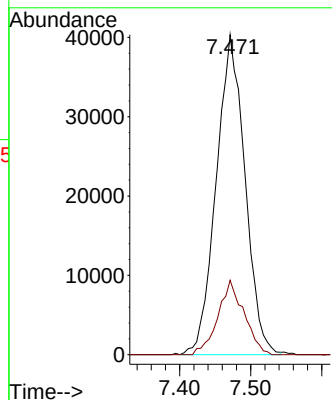
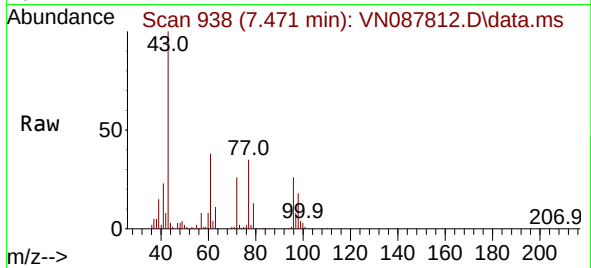




#31
2,2-Dichloropropane
Concen: 19.786 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

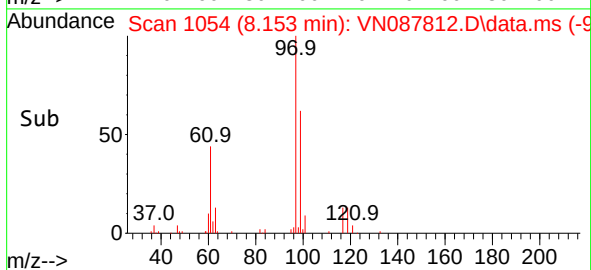
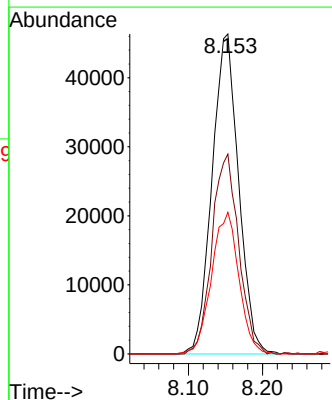
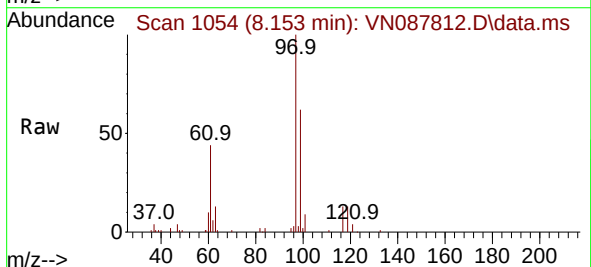
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

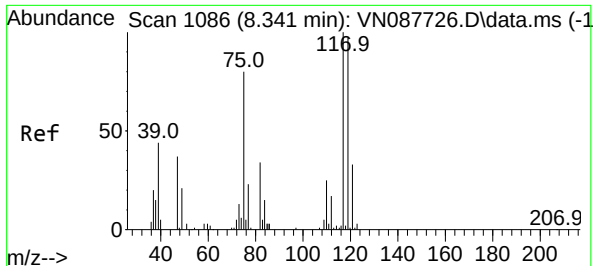
Tgt Ion: 77 Resp: 113380
Ion Ratio Lower Upper
77 100
97 21.1 17.1 25.7



#32
1,1,1-Trichloroethane
Concen: 19.174 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 97 Resp: 115554
Ion Ratio Lower Upper
97 100
99 62.5 52.2 78.4
61 45.5 37.9 56.9

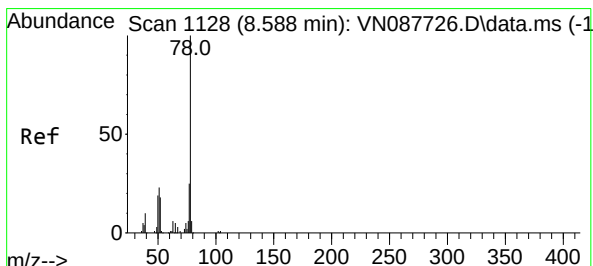
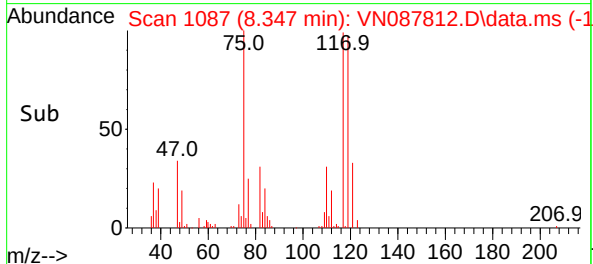
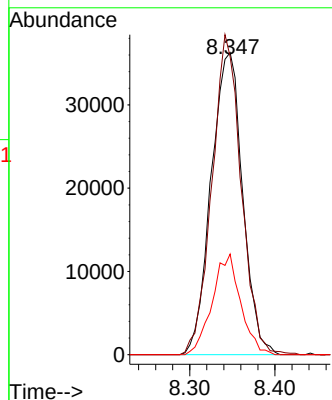
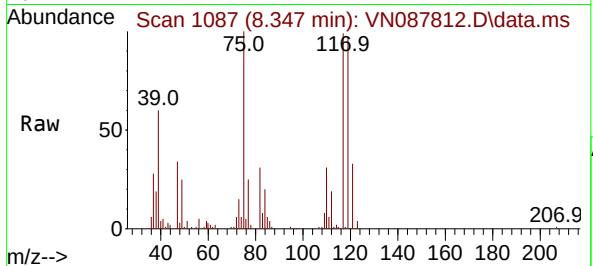




#33
Carbon Tetrachloride
Concen: 18.511 ug/l
RT: 8.347 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

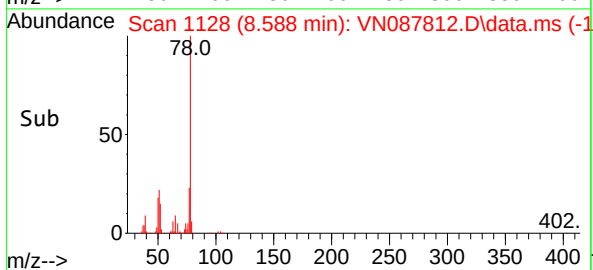
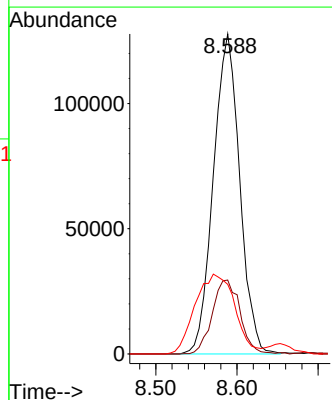
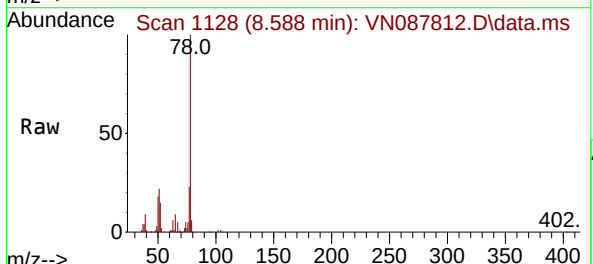
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

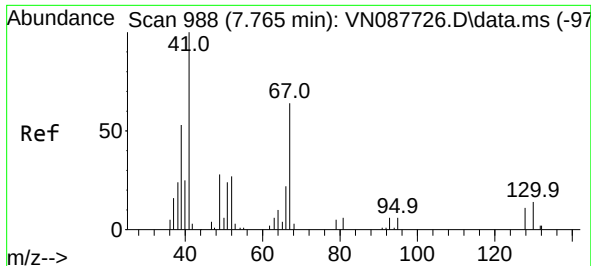
Tgt Ion:117 Resp: 93017
Ion Ratio Lower Upper
117 100
119 98.7 77.3 115.9
121 33.3 26.6 39.8



#34
Benzene
Concen: 18.741 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 78 Resp: 287923
Ion Ratio Lower Upper
78 100
77 23.1 20.3 30.5
51 19.1 18.0 27.0

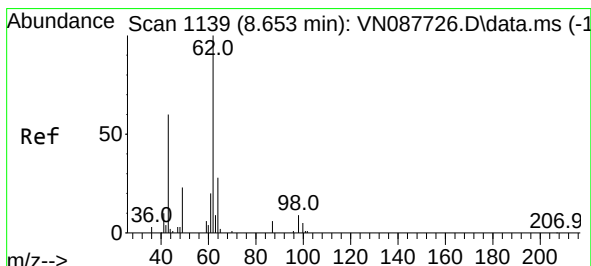
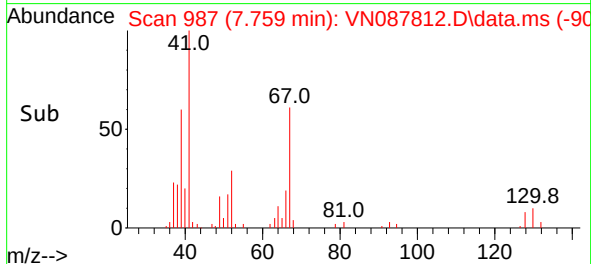
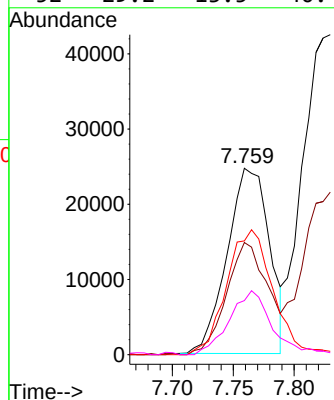
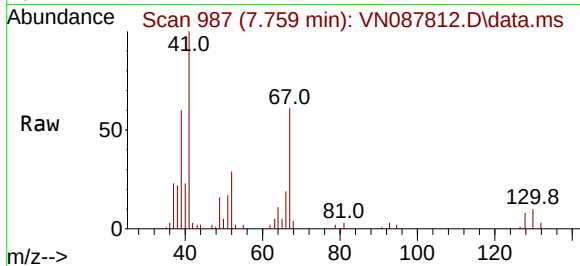




#35
Methacrylonitrile
Concen: 17.416 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

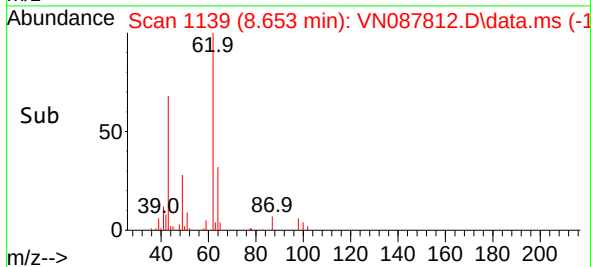
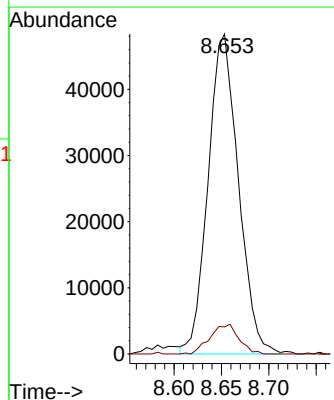
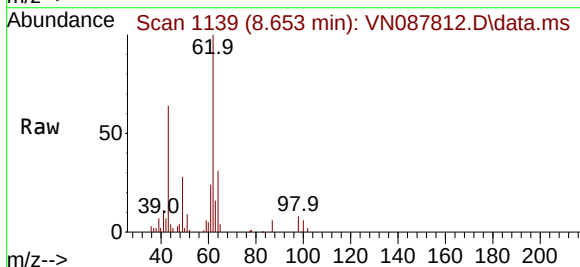
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

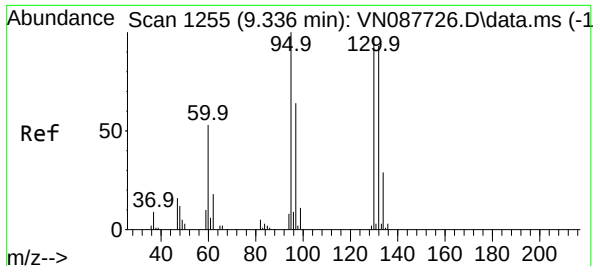
Tgt Ion: 41	Resp: 59654
Ion Ratio	Lower Upper
41 100	
39 60.6	27.1 81.2
67 61.5	32.1 96.5
52 29.2	13.5 40.4



#36
1,2-Dichloroethane
Concen: 18.551 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 62	Resp: 107653
Ion Ratio	Lower Upper
62 100	
98 8.8	7.2 10.8

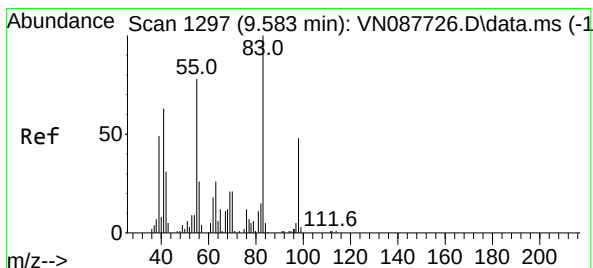
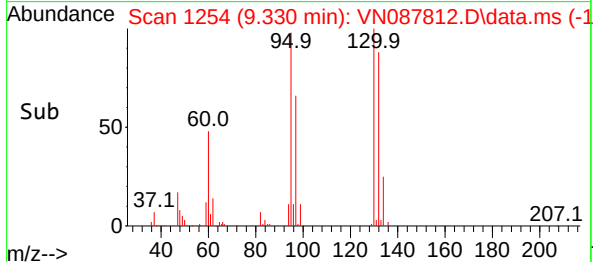
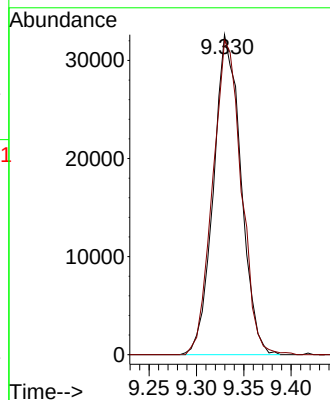
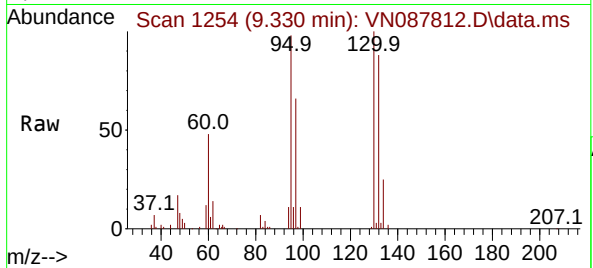




#37
Trichloroethene
Concen: 19.169 ug/l
RT: 9.330 min Scan# 1255
Delta R.T. -0.006 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

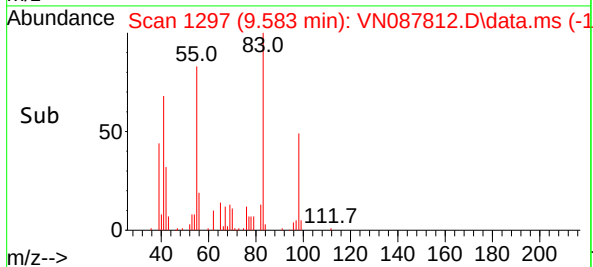
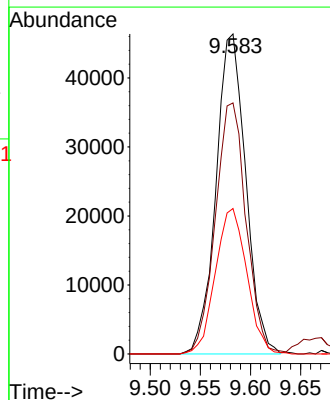
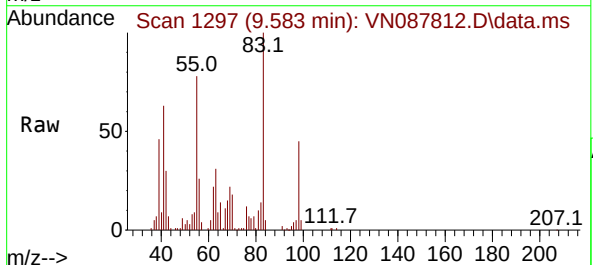
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

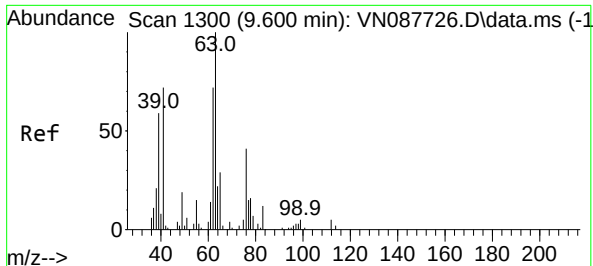
Tgt Ion:130 Resp: 65834
Ion Ratio Lower Upper
130 100
95 98.2 82.7 124.1



#38
Methylcyclohexane
Concen: 18.301 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 83 Resp: 95792
Ion Ratio Lower Upper
83 100
55 80.9 40.4 121.1
98 47.9 24.0 72.0





#39

1,2-Dichloropropane

Concen: 19.375 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087812.D

Acq: 12 Sep 2025 10:45

Instrument :

MSVOA_N

ClientSampleId :

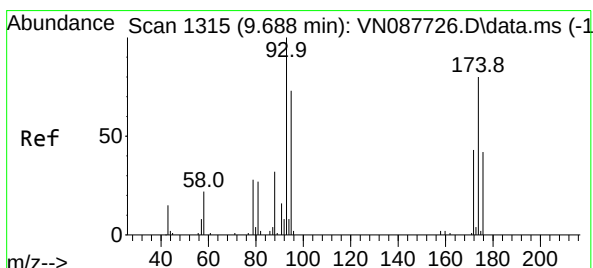
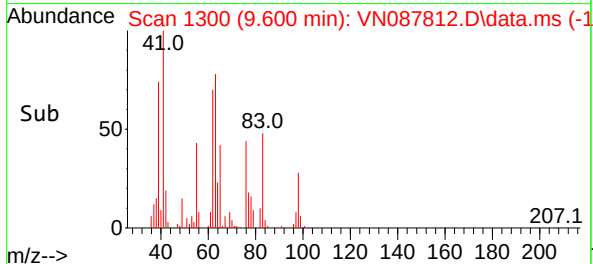
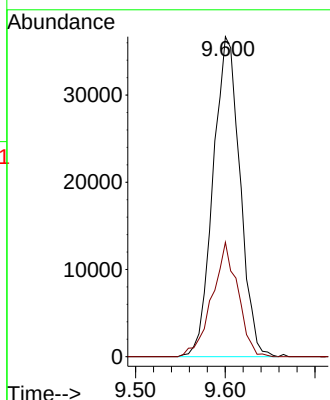
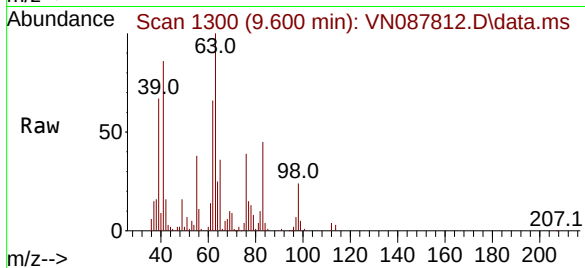
VN0912WBS01

Tgt Ion: 63 Resp: 76239

Ion Ratio Lower Upper

63 100

65 35.7 24.1 36.1



#40

Dibromomethane

Concen: 19.062 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087812.D

Acq: 12 Sep 2025 10:45

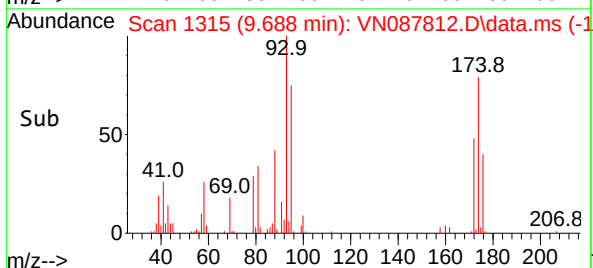
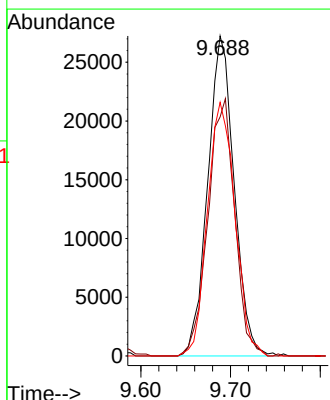
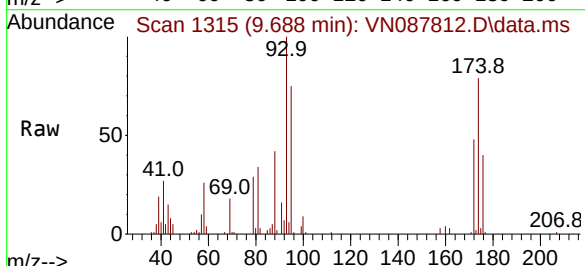
Tgt Ion: 93 Resp: 55819

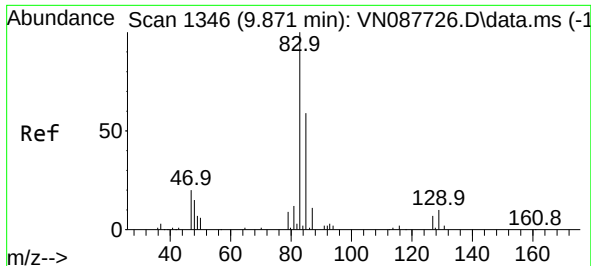
Ion Ratio Lower Upper

93 100

95 81.1 0.0 168.4

174 82.7 0.0 162.8

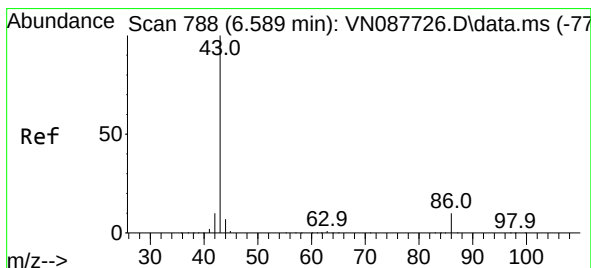
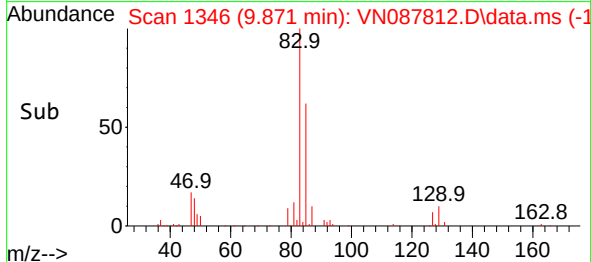
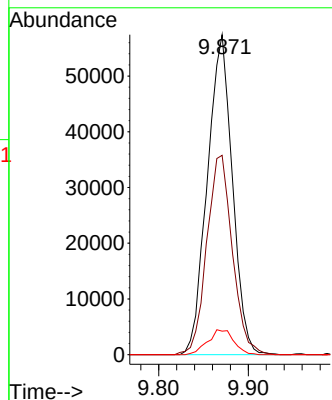
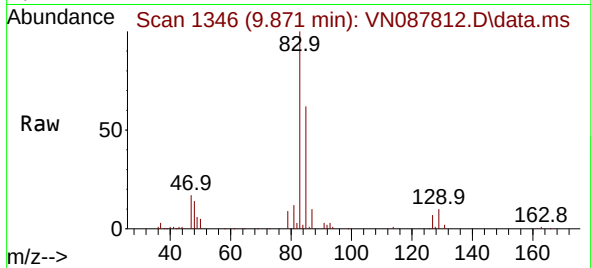




#41
Bromodichloromethane
Concen: 18.588 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

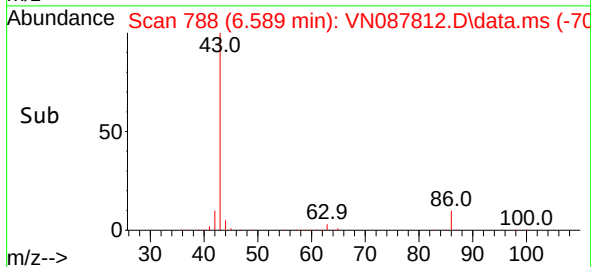
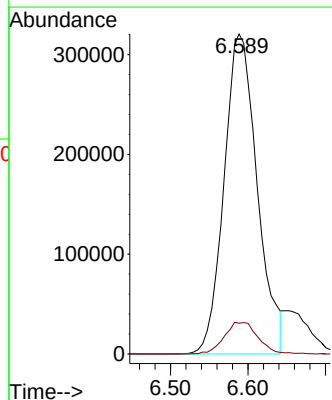
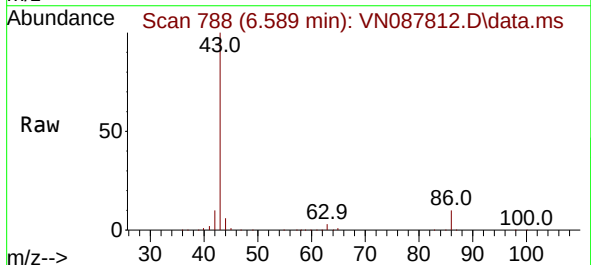
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

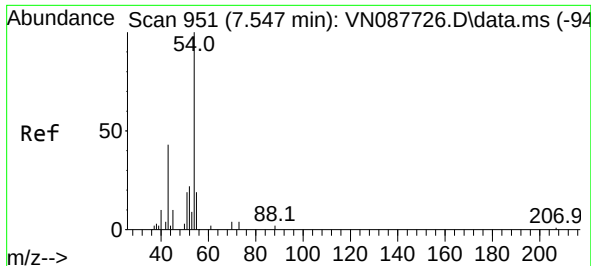
Tgt Ion: 83 Resp: 111252
Ion Ratio Lower Upper
83 100
85 62.3 47.3 70.9
127 7.3 5.2 7.8



#42
Vinyl Acetate
Concen: 87.269 ug/l
RT: 6.589 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 43 Resp: 954834
Ion Ratio Lower Upper
43 100
86 5.0 7.7 11.5#

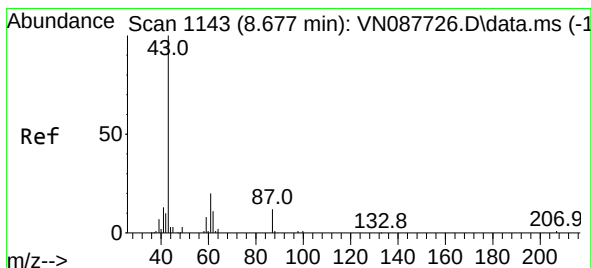
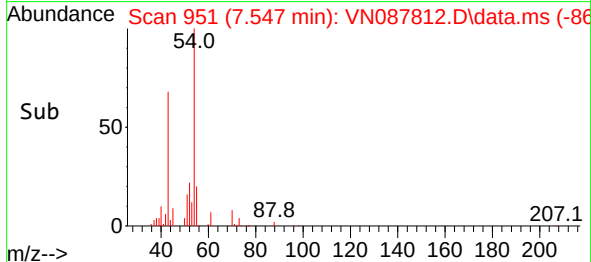
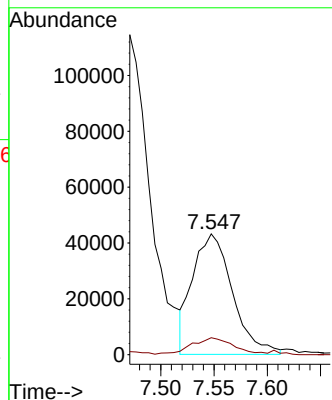
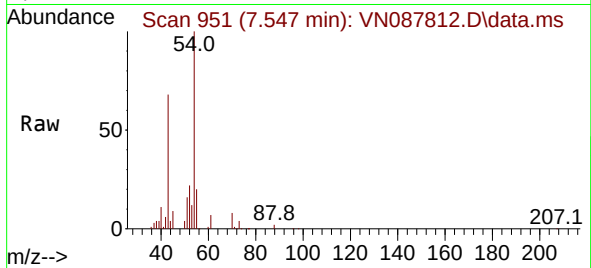




#43
Ethyl Acetate
Concen: 16.735 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

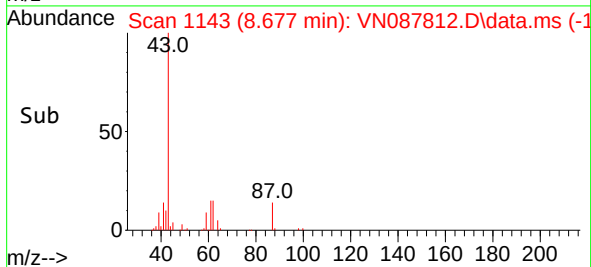
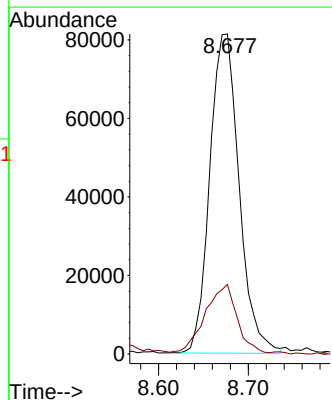
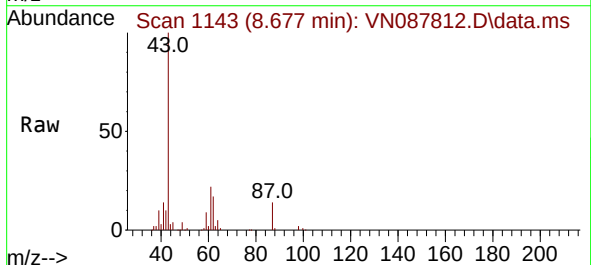
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

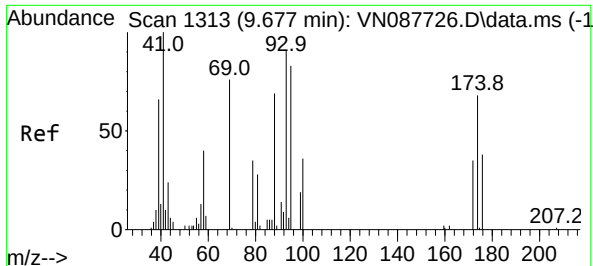
Tgt Ion: 43 Resp: 111964
Ion Ratio Lower Upper
43 100
45 15.0 10.5 15.7



#44
Isopropyl Acetate
Concen: 17.610 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 43 Resp: 184704
Ion Ratio Lower Upper
43 100
61 24.0 19.5 29.3





#45

1,4-Dioxane

Concen: 427.401 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN087812.D

Acq: 12 Sep 2025 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

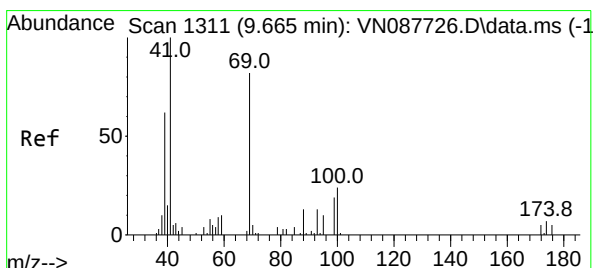
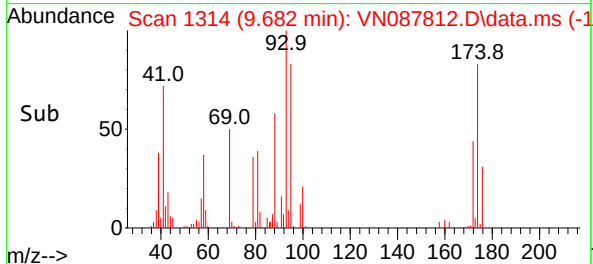
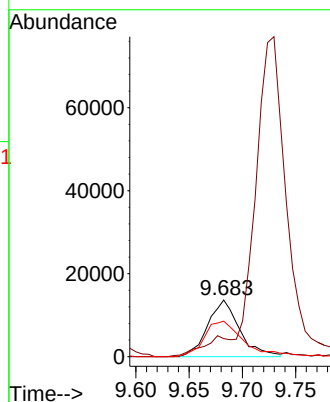
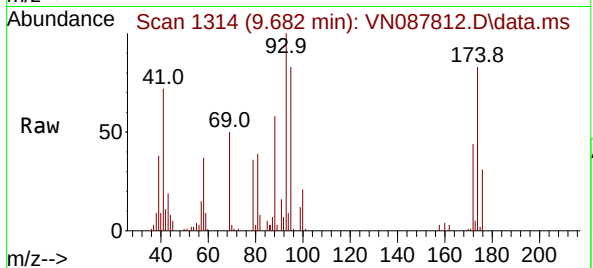
Tgt Ion: 88 Resp: 28270

Ion Ratio Lower Upper

88 100

43 31.2 23.6 35.4

58 71.0 60.5 90.7



#46

Methyl methacrylate

Concen: 16.180 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN087812.D

Acq: 12 Sep 2025 10:45

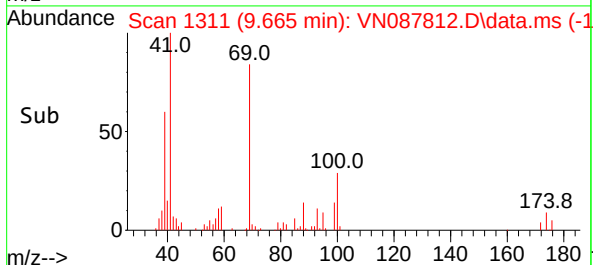
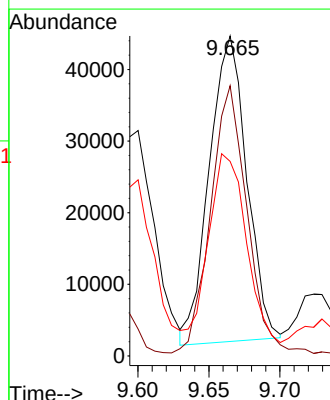
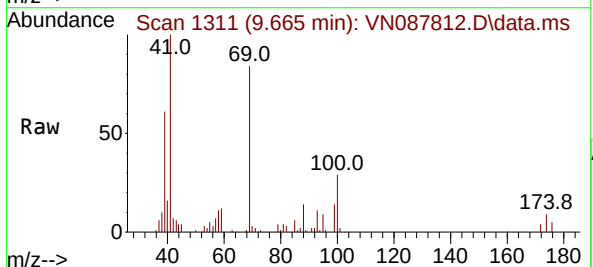
Tgt Ion: 41 Resp: 78219

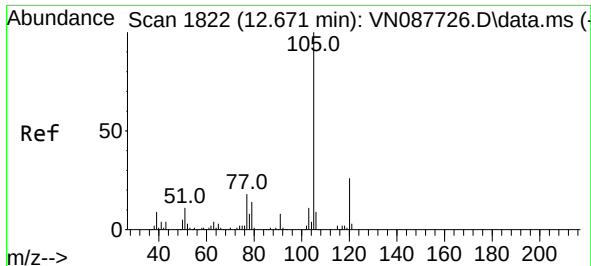
Ion Ratio Lower Upper

41 100

69 88.2 40.3 120.9

39 60.7 31.9 95.9

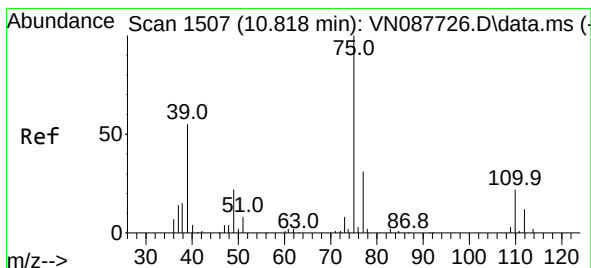
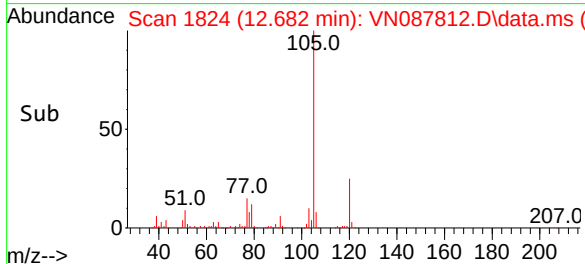
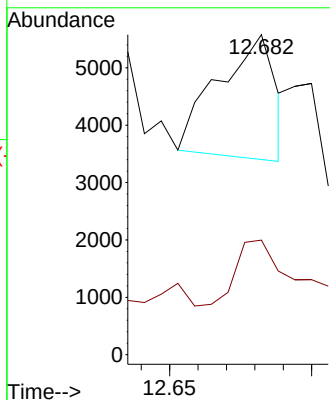
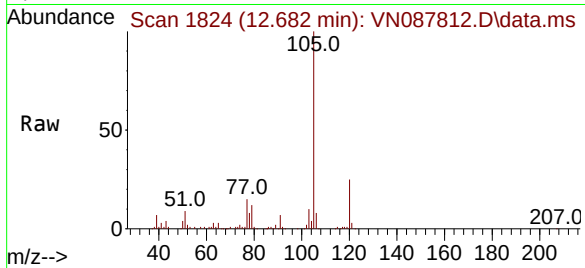




#47
n-amy1 Acetate
Concen: 0.419 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

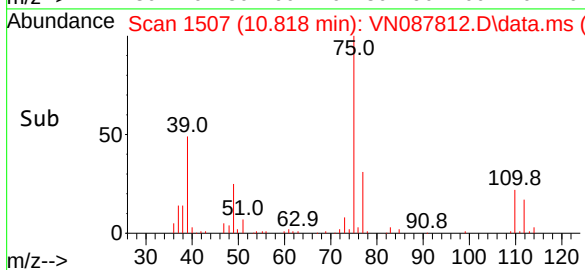
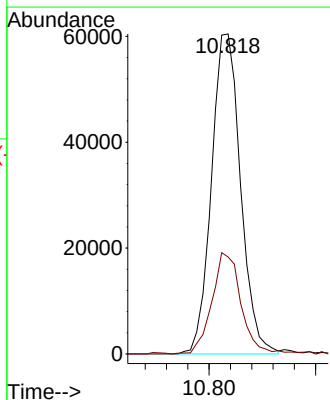
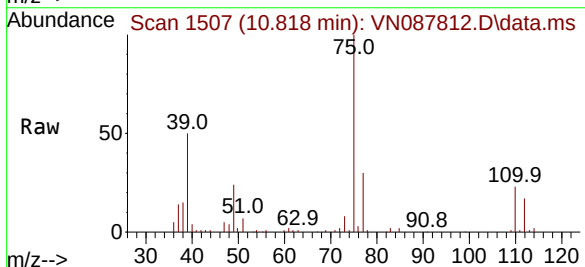
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

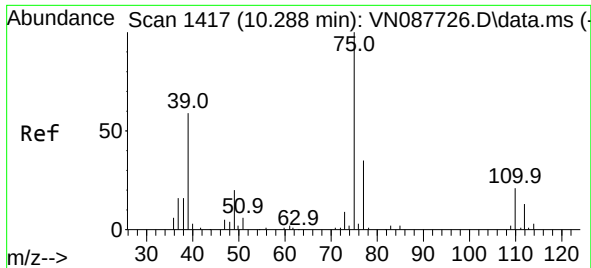
Tgt Ion: 43 Resp: 2972
Ion Ratio Lower Upper
43 100
55 143.0 0.7 1.1#



#48
t-1,3-Dichloropropene
Concen: 18.431 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 75 Resp: 114574
Ion Ratio Lower Upper
75 100
77 30.0 24.7 37.1

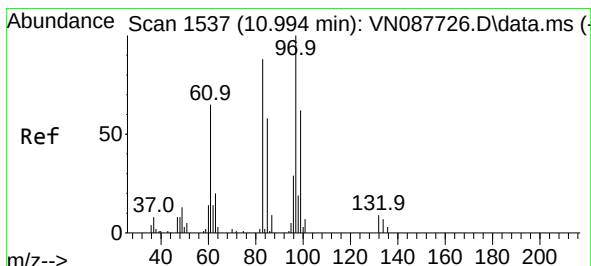
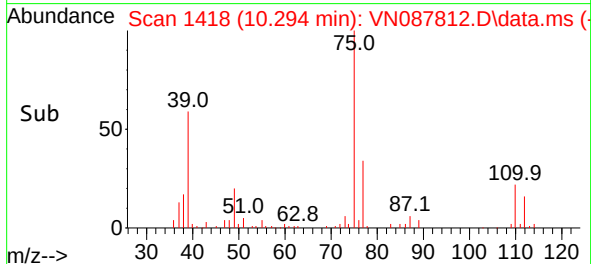
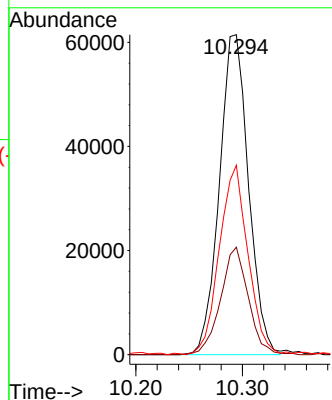
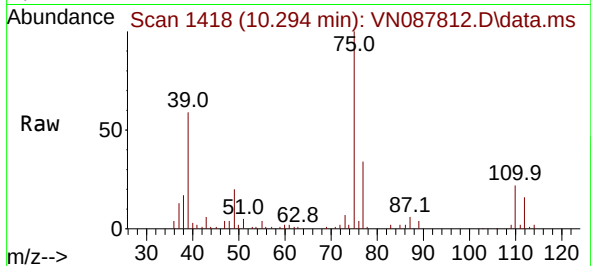




#49
 cis-1,3-Dichloropropene
 Concen: 18.368 ug/l
 RT: 10.294 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VN087812.D
 Acq: 12 Sep 2025 10:45

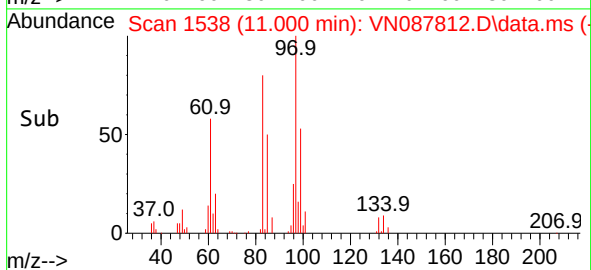
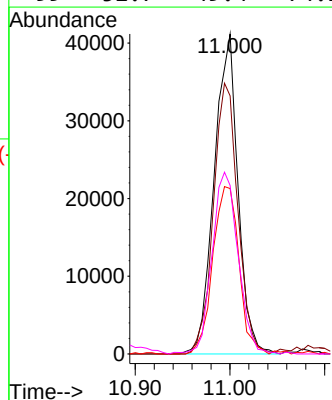
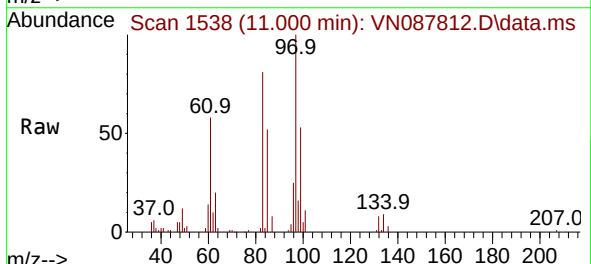
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

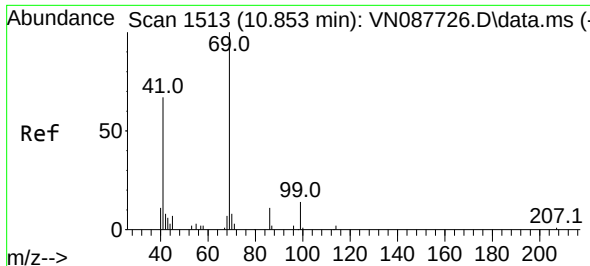
Tgt Ion: 75 Resp: 116952
 Ion Ratio Lower Upper
 75 100
 77 33.6 27.8 41.6
 39 58.7 47.6 71.4



#50
 1,1,2-Trichloroethane
 Concen: 18.982 ug/l
 RT: 11.000 min Scan# 1538
 Delta R.T. 0.006 min
 Lab File: VN087812.D
 Acq: 12 Sep 2025 10:45

Tgt Ion: 97 Resp: 71792
 Ion Ratio Lower Upper
 97 100
 83 80.7 70.5 105.7
 85 51.7 46.3 69.5
 99 52.7 49.4 74.2

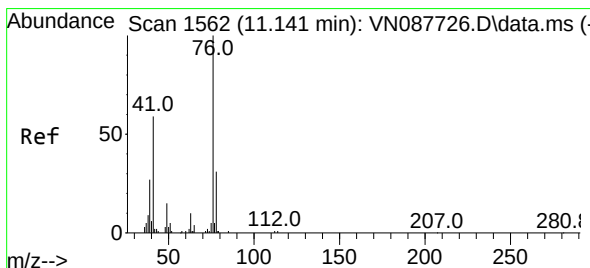
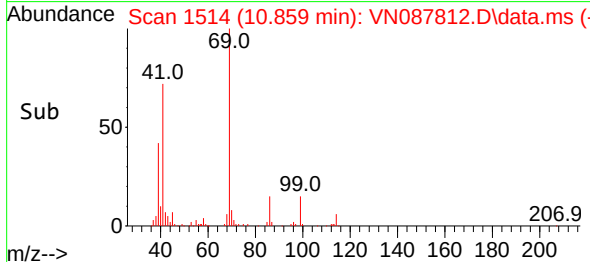
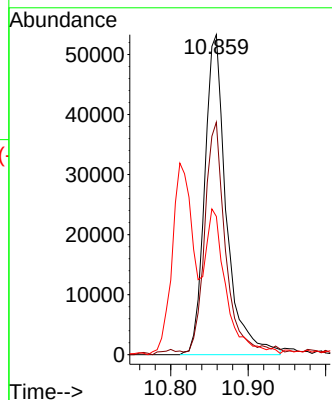
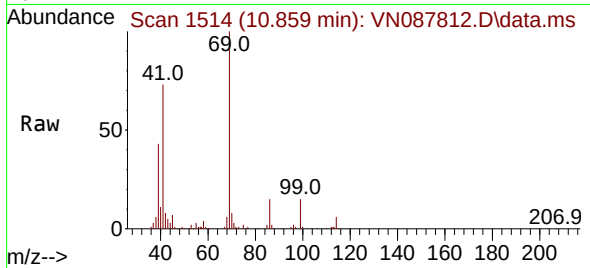




#51
Ethyl methacrylate
Concen: 17.615 ug/l
RT: 10.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

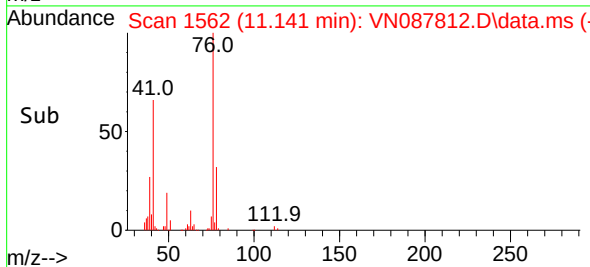
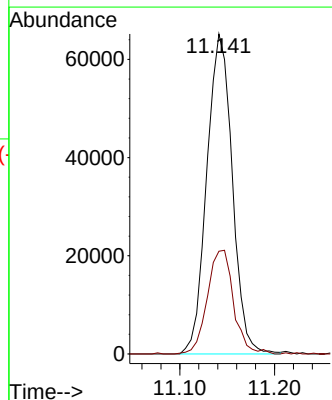
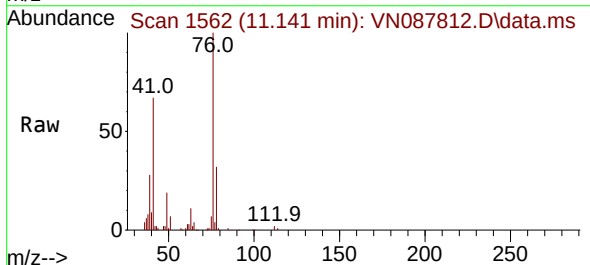
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

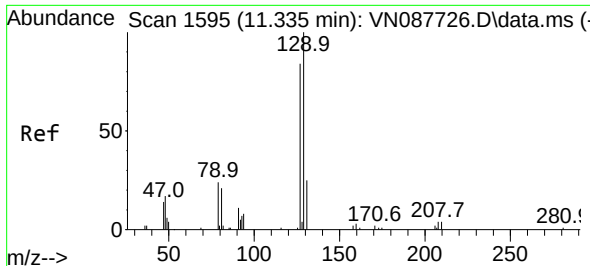
Tgt Ion: 69 Resp: 103683
Ion Ratio Lower Upper
69 100
41 71.5 33.7 101.0
39 42.8 20.3 60.9



#52
1,3-Dichloropropane
Concen: 18.546 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 76 Resp: 121807
Ion Ratio Lower Upper
76 100
78 32.9 0.0 65.2

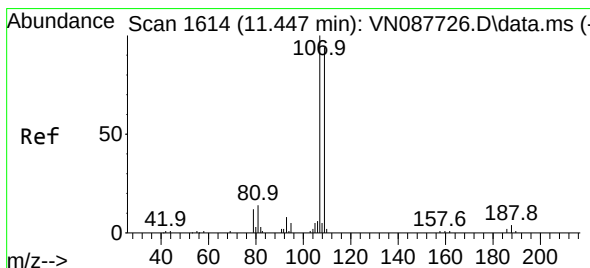
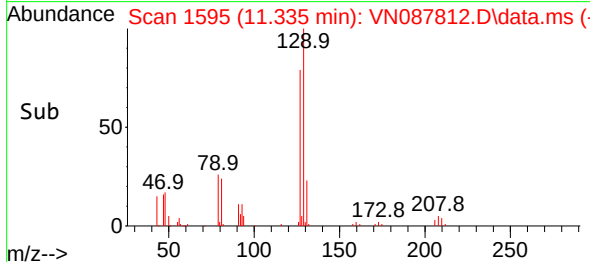
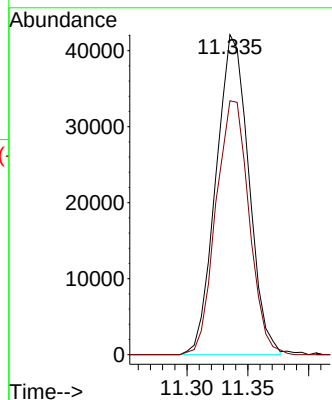
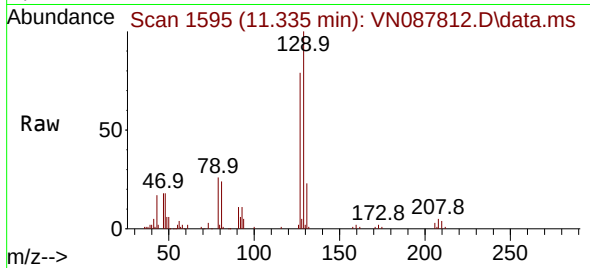




#53
Dibromochloromethane
Concen: 18.578 ug/l
RT: 11.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

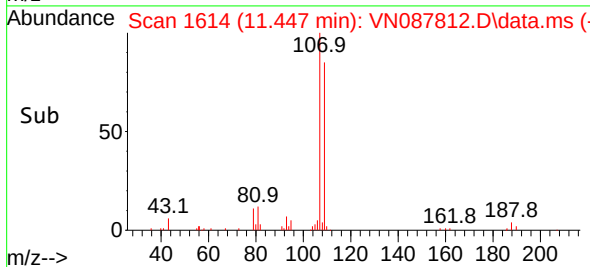
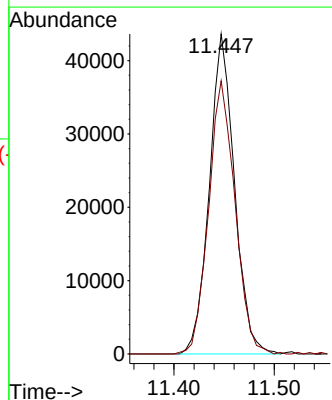
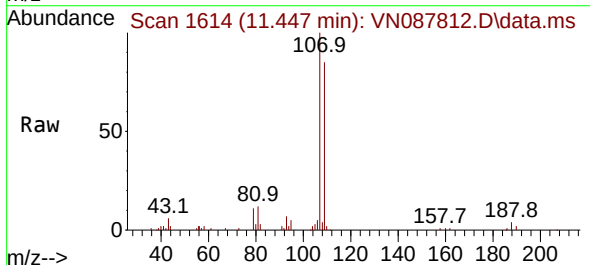
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

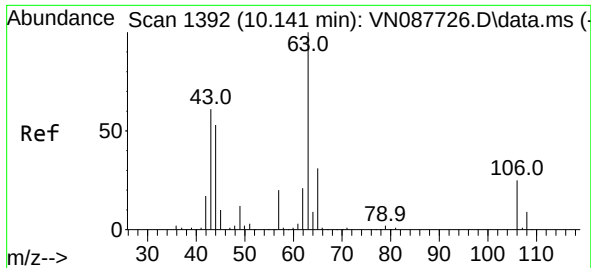
Tgt Ion:129 Resp: 78785
Ion Ratio Lower Upper
129 100
127 80.2 42.6 128.0



#54
1,2-Dibromoethane
Concen: 19.325 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion:107 Resp: 76056
Ion Ratio Lower Upper
107 100
109 89.6 74.6 112.0

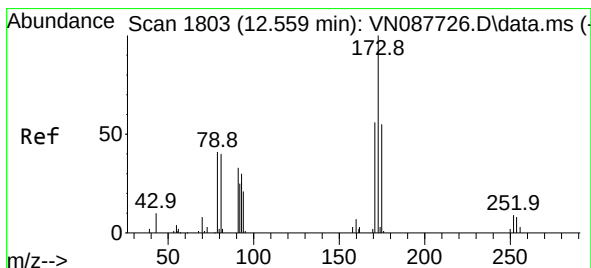
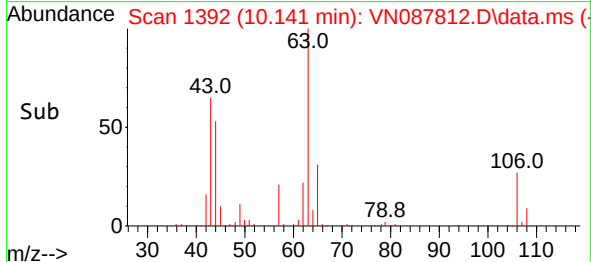
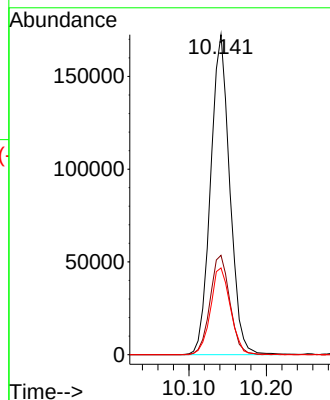
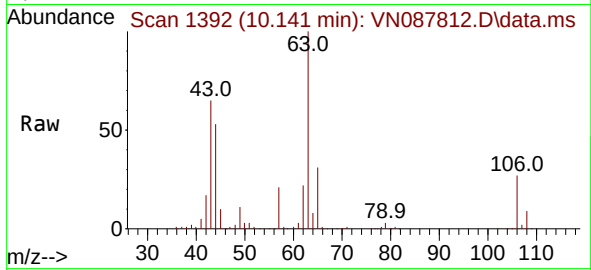




#55
2-Chloroethyl vinyl ether
Concen: 87.946 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

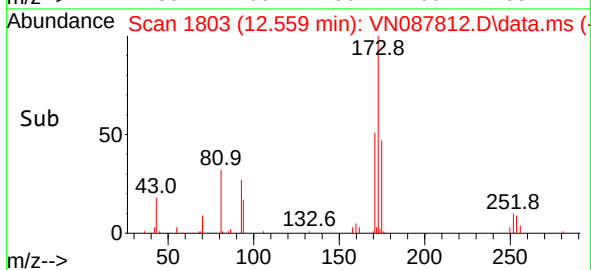
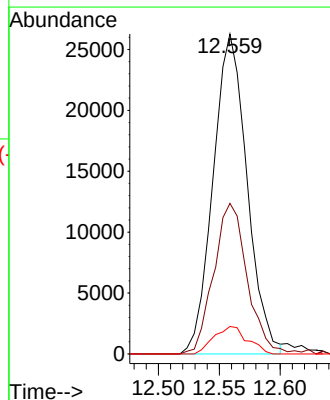
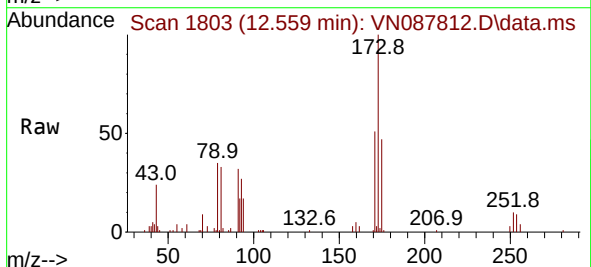
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

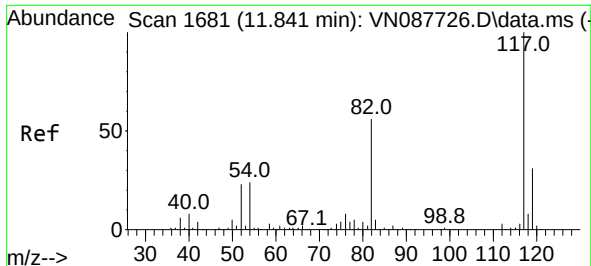
Tgt Ion: 63 Resp: 296598
Ion Ratio Lower Upper
63 100
65 31.9 26.6 40.0
106 28.0 21.1 31.7



#56
Bromoform
Concen: 18.403 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 173 Resp: 50966
Ion Ratio Lower Upper
173 100
175 46.5 39.8 59.6
254 8.5 6.2 9.4

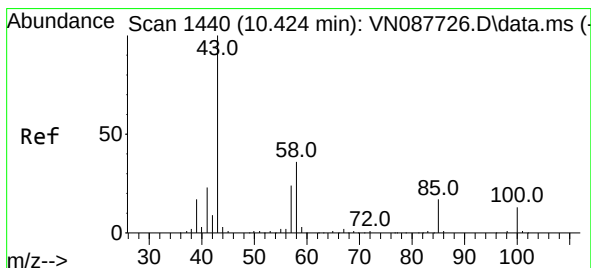
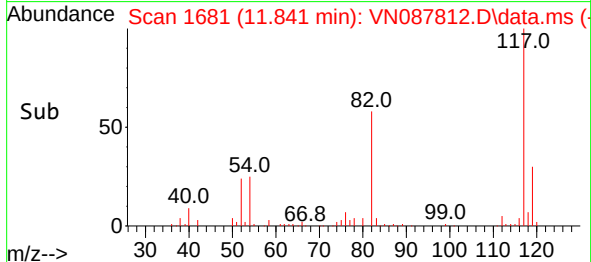
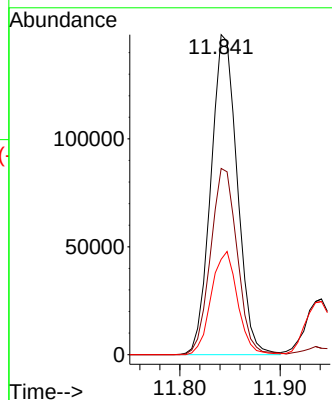
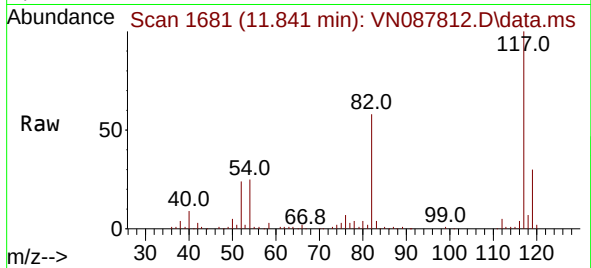




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

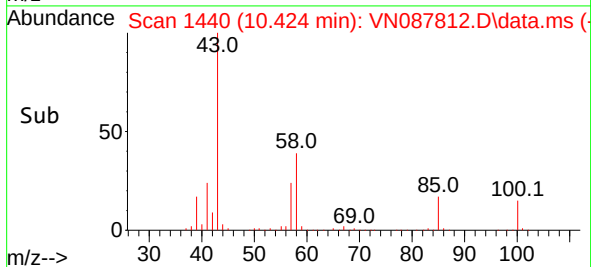
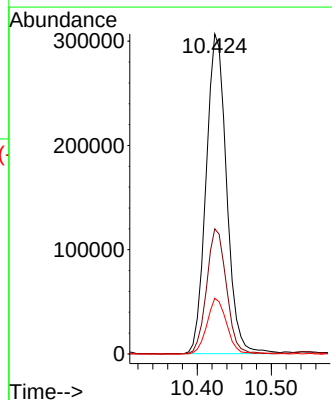
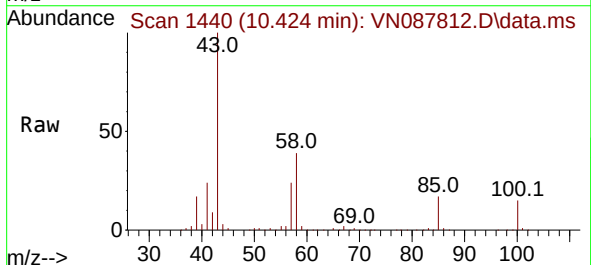
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

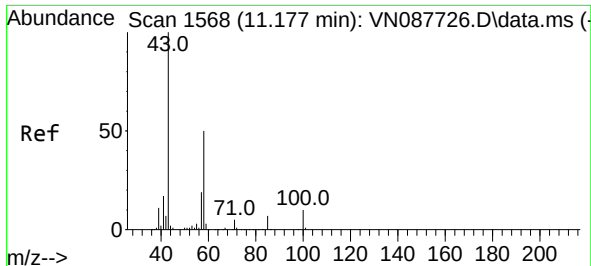
Tgt Ion:117 Resp: 270542
Ion Ratio Lower Upper
117 100
82 58.9 45.9 68.9
119 32.2 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 91.869 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 43 Resp: 587680
Ion Ratio Lower Upper
43 100
58 37.8 29.6 44.4
85 16.6 13.0 19.4

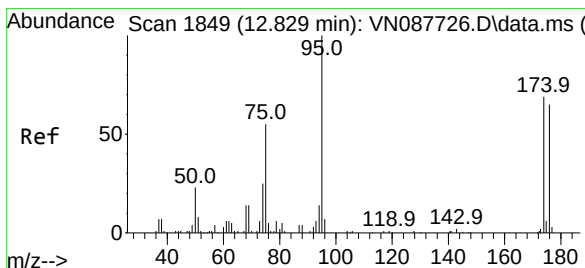
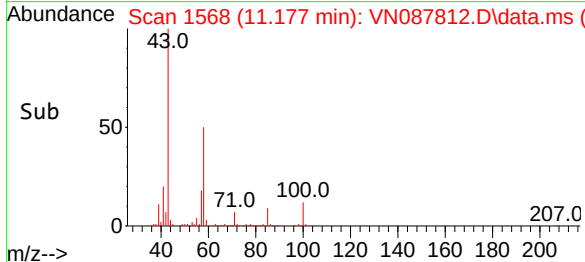
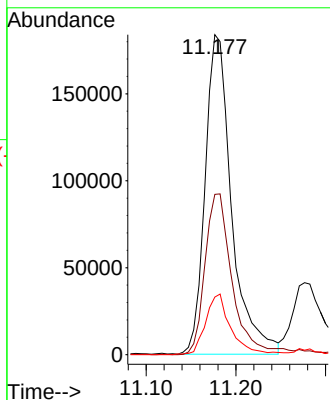
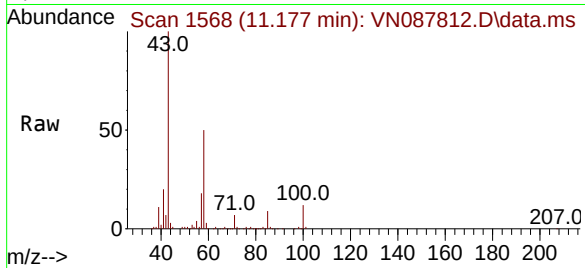




#59
2-Hexanone
Concen: 90.222 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

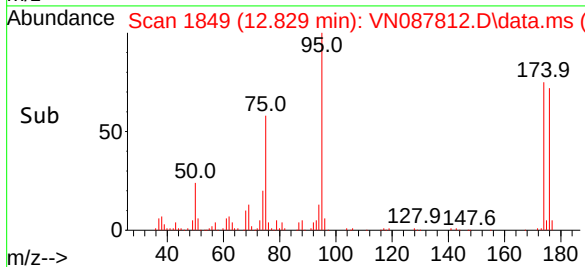
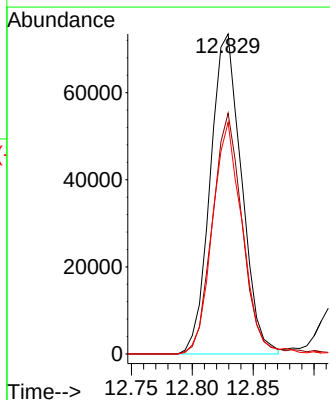
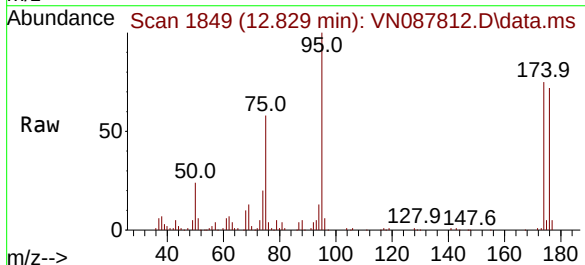
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

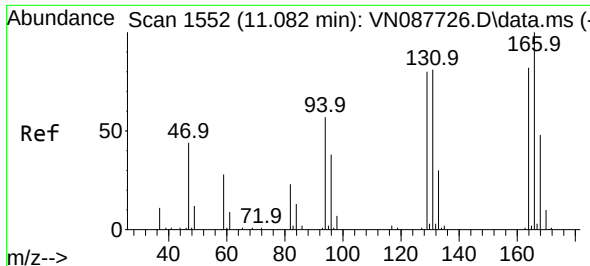
Tgt Ion: 43 Resp: 377128
Ion Ratio Lower Upper
43 100
58 50.3 40.2 60.4
57 17.8 13.7 20.5



#60
4-Bromofluorobenzene
Concen: 30.156 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 95 Resp: 131180
Ion Ratio Lower Upper
95 100
174 71.6 55.4 83.0
176 69.1 51.5 77.3

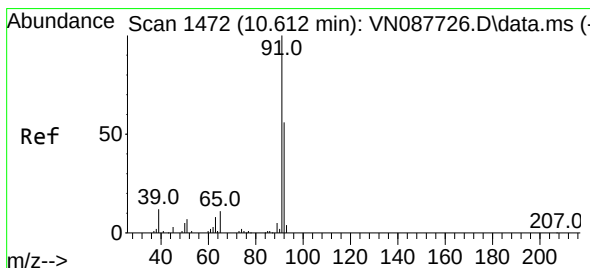
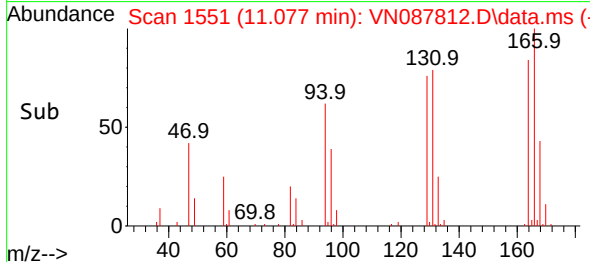
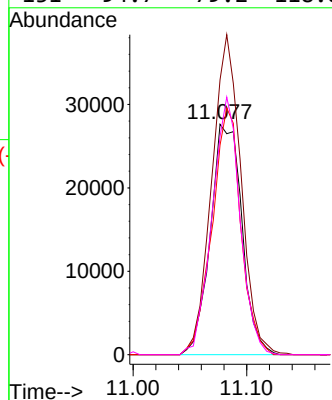
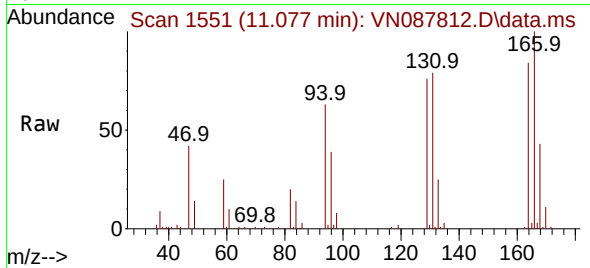




#61
Tetrachloroethene
Concen: 19.756 ug/l
RT: 11.077 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

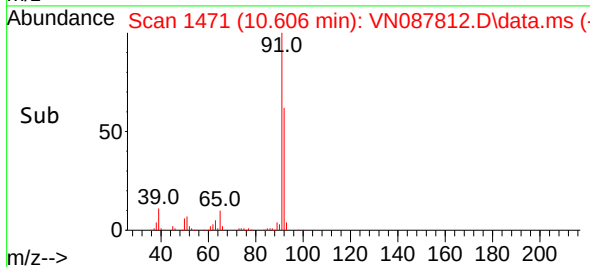
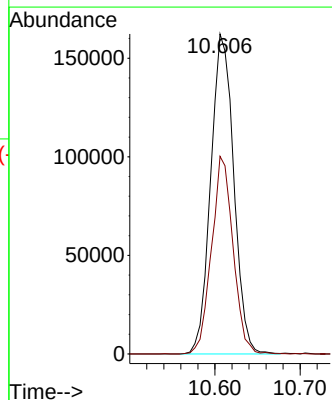
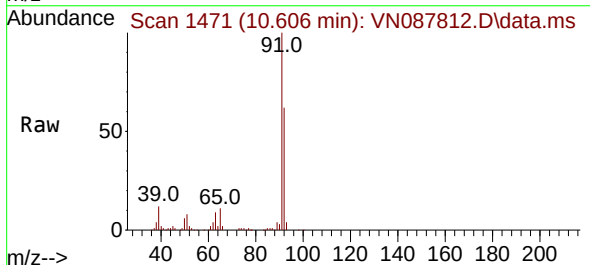
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

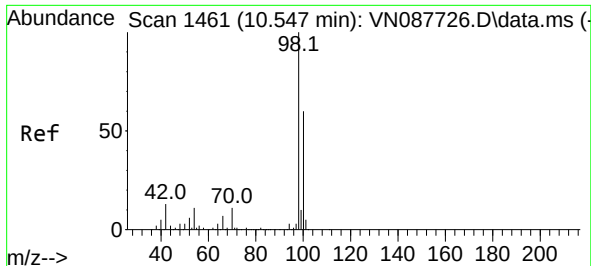
Tgt Ion:164 Resp: 53216
Ion Ratio Lower Upper
164 100
166 119.3 97.3 145.9
129 91.0 78.6 117.8
131 94.7 79.2 118.8



#62
Toluene
Concen: 18.633 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 91 Resp: 304912
Ion Ratio Lower Upper
91 100
92 57.7 45.4 68.0

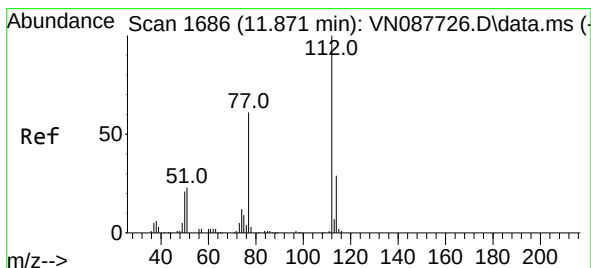
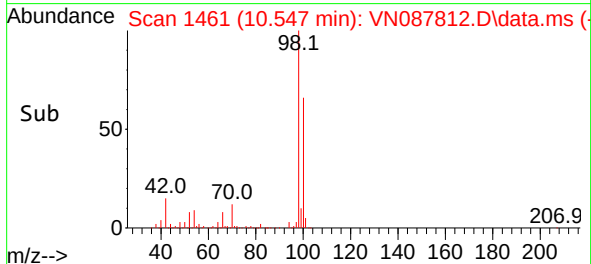
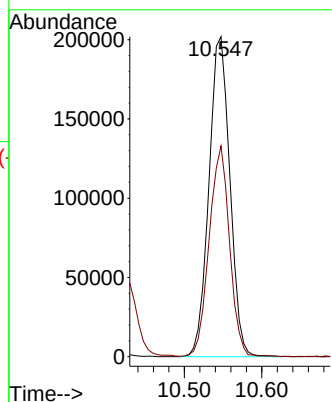
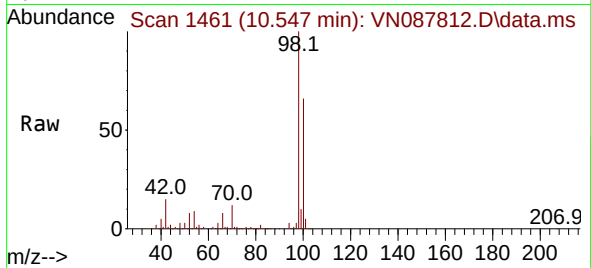




#63
Toluene-d8
Concen: 30.130 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

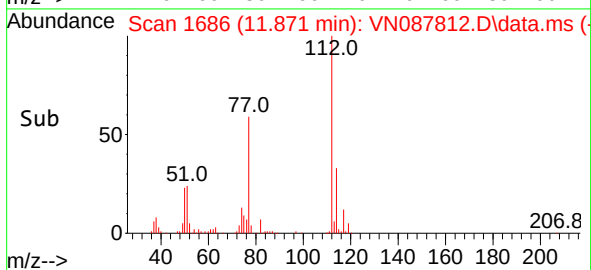
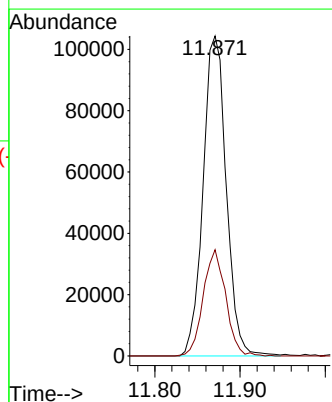
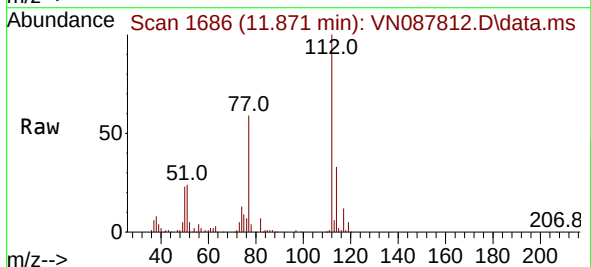
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

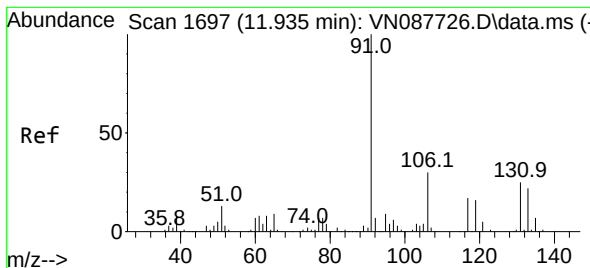
Tgt Ion: 98 Resp: 379086
Ion Ratio Lower Upper
98 100
100 63.5 50.6 76.0



#64
Chlorobenzene
Concen: 19.625 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion:112 Resp: 197108
Ion Ratio Lower Upper
112 100
114 33.2 23.5 35.3

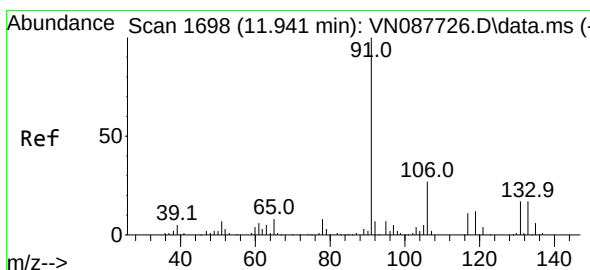
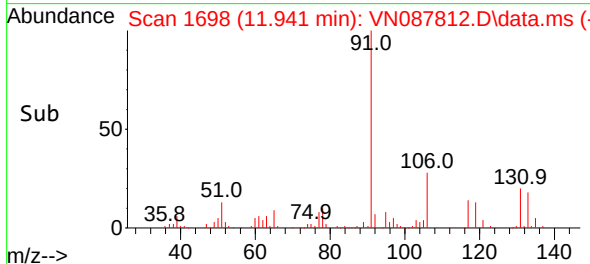
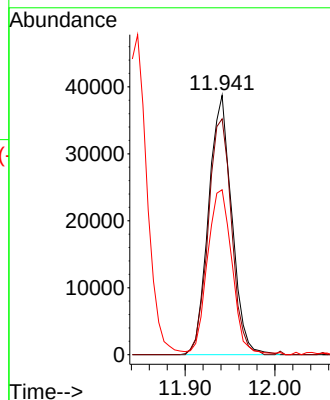
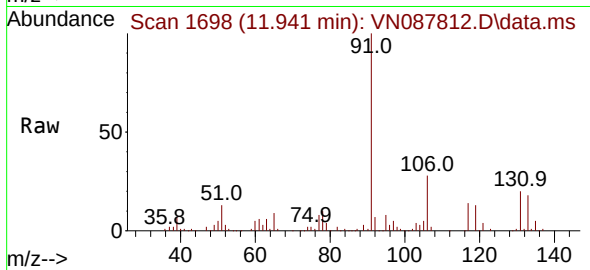




#65
1,1,1,2-Tetrachloroethane
Concen: 19.682 ug/l
RT: 11.941 min Scan# 1697
Delta R.T. 0.006 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

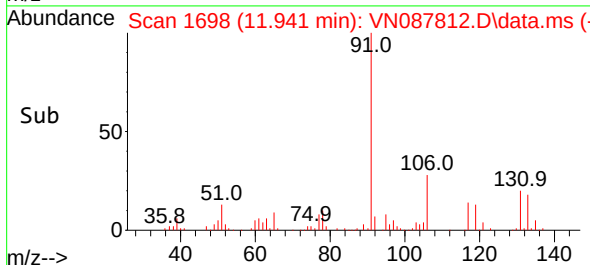
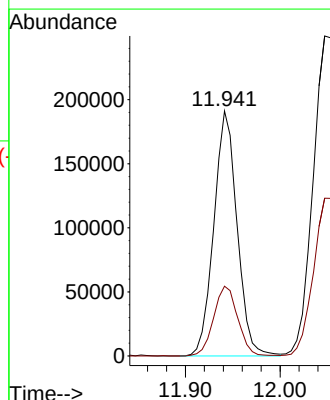
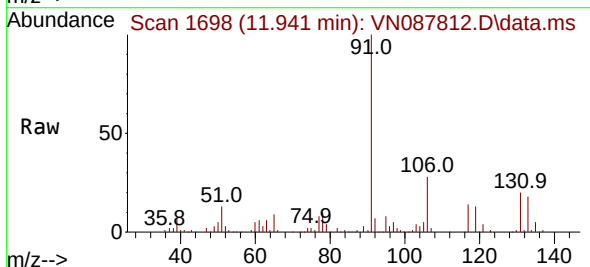
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

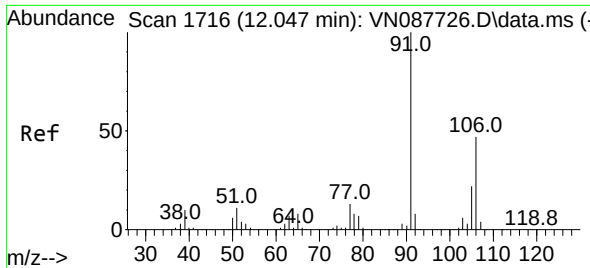
Tgt Ion:131 Resp: 69598
Ion Ratio Lower Upper
131 100
133 91.6 0.0 195.8
119 67.4 0.0 139.0



#66
Ethyl Benzene
Concen: 18.456 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 91 Resp: 325835
Ion Ratio Lower Upper
91 100
106 28.5 21.3 31.9





#67

m/p-Xylenes

Concen: 38.217 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VN087812.D

Acq: 12 Sep 2025 10:45

Instrument :

MSVOA_N

ClientSampleId :

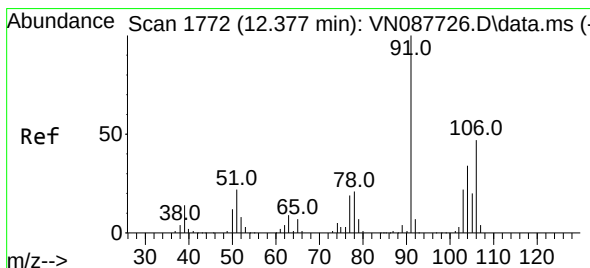
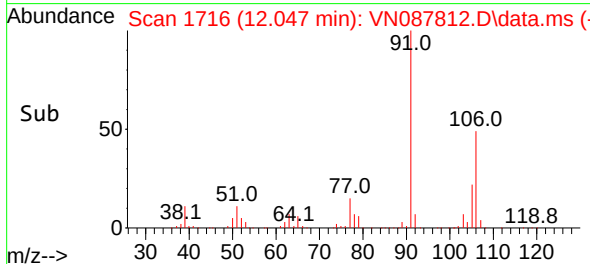
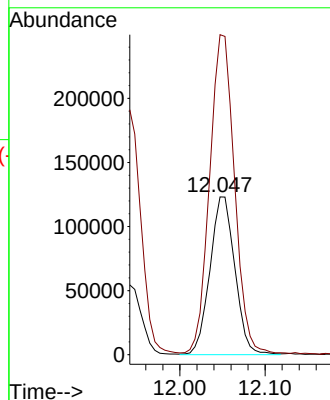
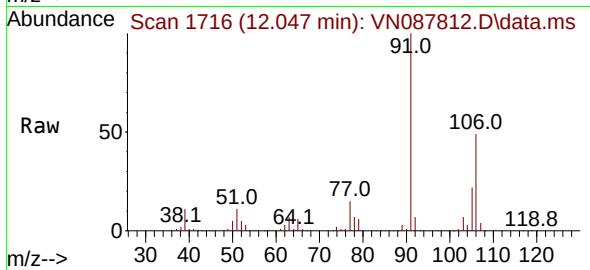
VN0912WBS01

Tgt Ion:106 Resp: 250453

Ion Ratio Lower Upper

106 100

91 203.2 174.3 261.5



#68

o-Xylene

Concen: 19.023 ug/l

RT: 12.376 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VN087812.D

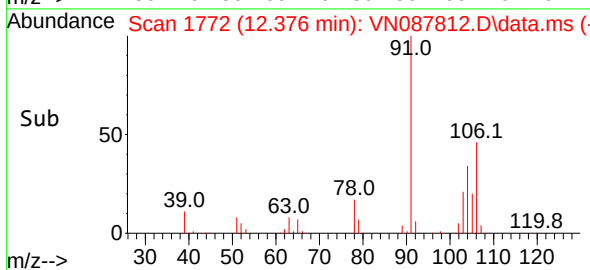
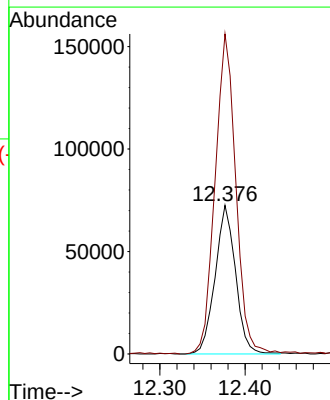
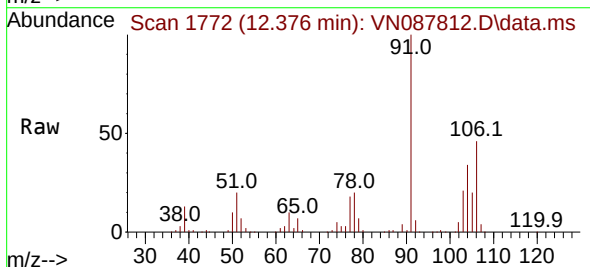
Acq: 12 Sep 2025 10:45

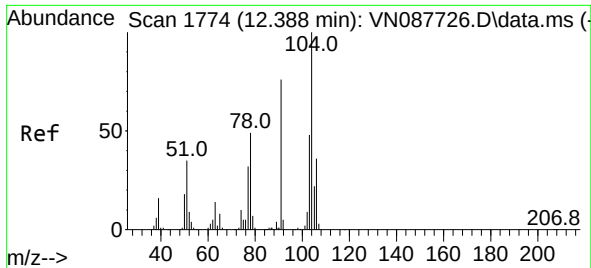
Tgt Ion:106 Resp: 120873

Ion Ratio Lower Upper

106 100

91 218.1 107.7 323.3

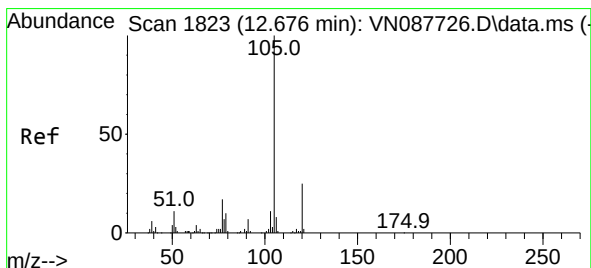
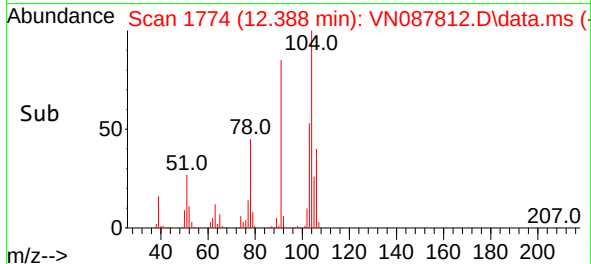
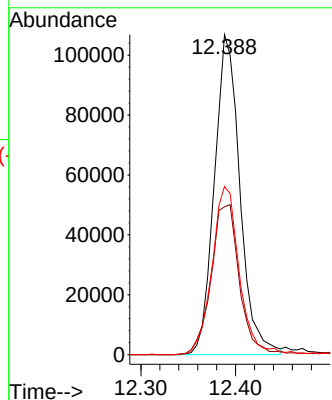
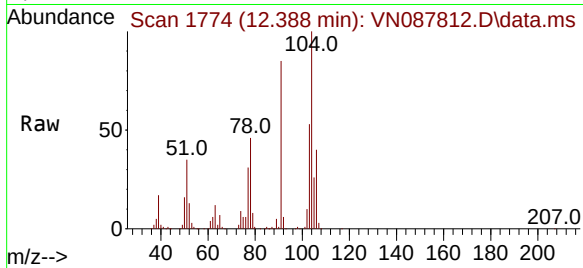




#69
Styrene
Concen: 18.147 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

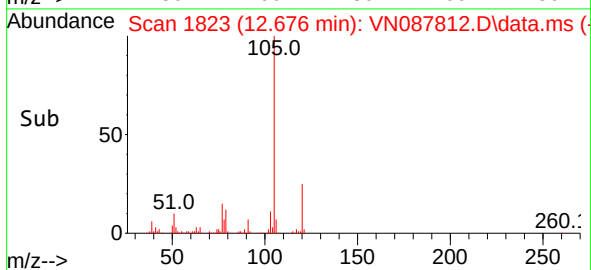
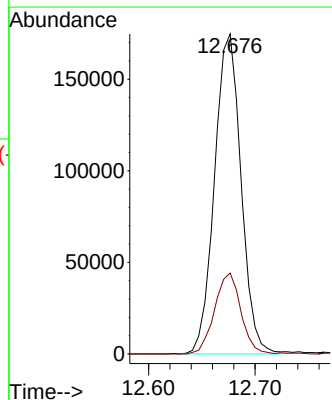
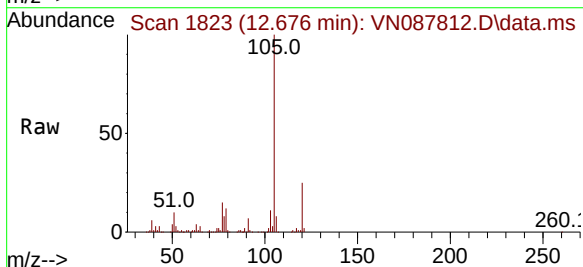
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

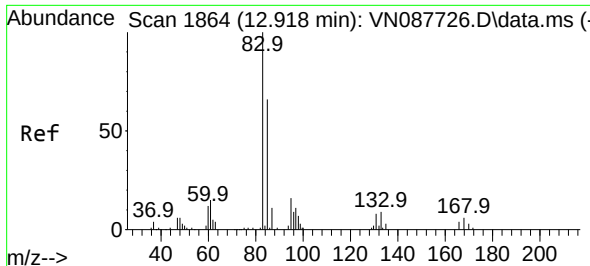
Tgt Ion:104 Resp: 200413
Ion Ratio Lower Upper
104 100
78 51.5 41.0 61.6
103 55.3 44.6 66.8



#70
Isopropylbenzene
Concen: 18.741 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion:105 Resp: 301954
Ion Ratio Lower Upper
105 100
120 24.9 17.4 32.4

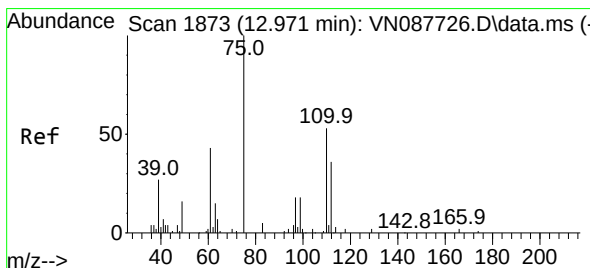
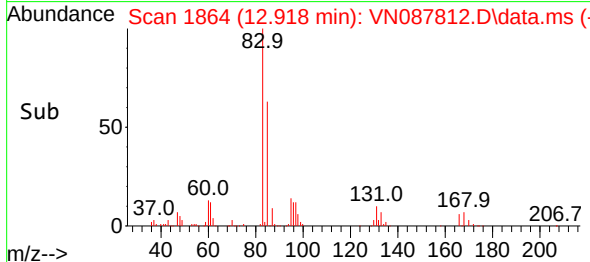
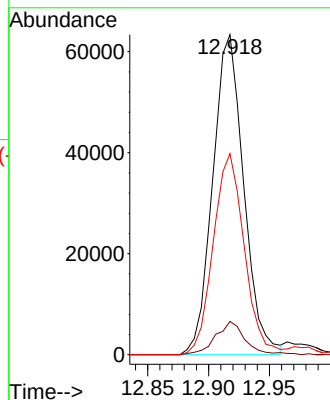
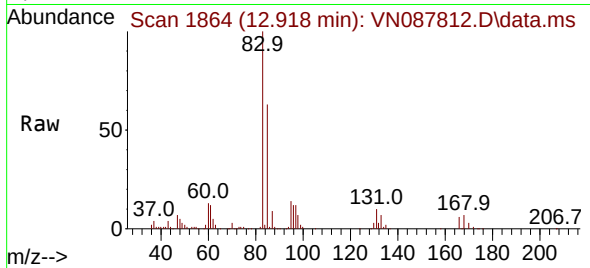




#71
1,1,2-Tetrachloroethane
Concen: 19.330 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

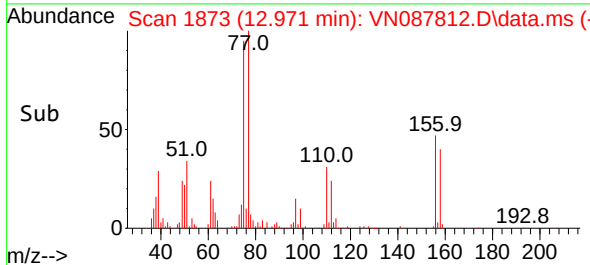
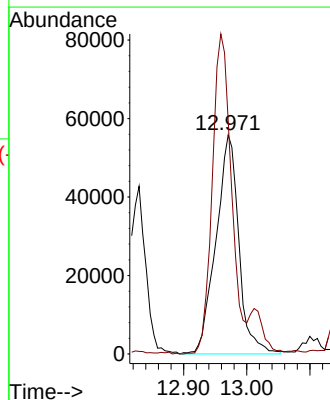
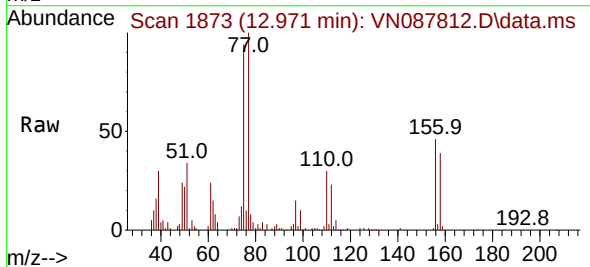
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

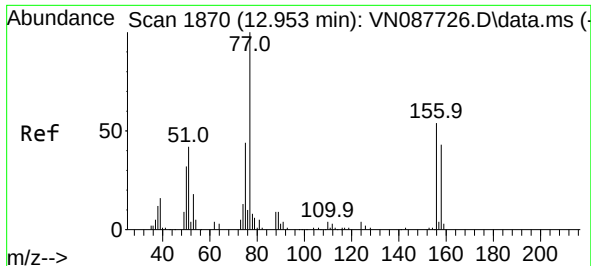
Tgt Ion: 83 Resp: 111961
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.3
85 62.8 31.9 95.7



#72
1,2,3-Trichloropropane
Concen: 24.684 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 75 Resp: 140381
Ion Ratio Lower Upper
75 100
77 121.5 0.0 378.8

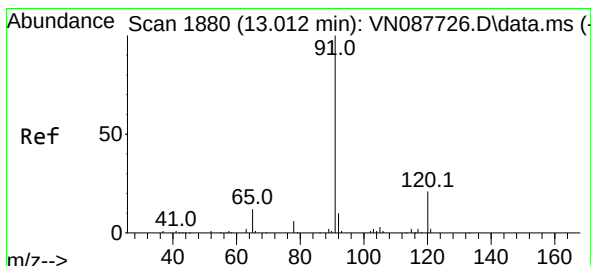
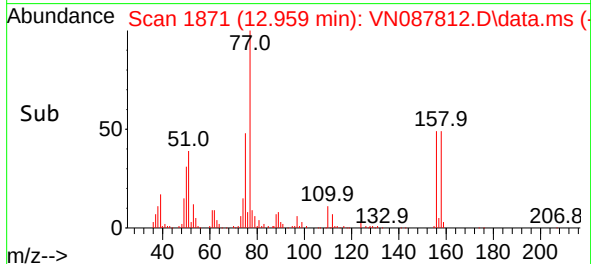
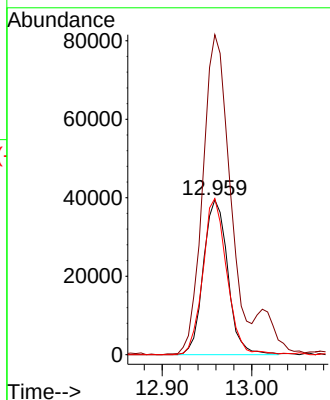
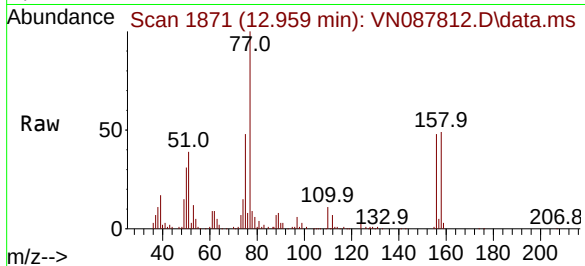




#73
Bromobenzene
Concen: 18.878 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.006 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

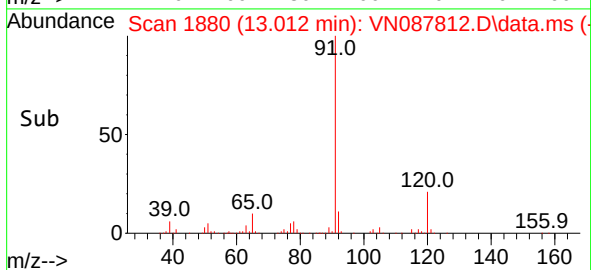
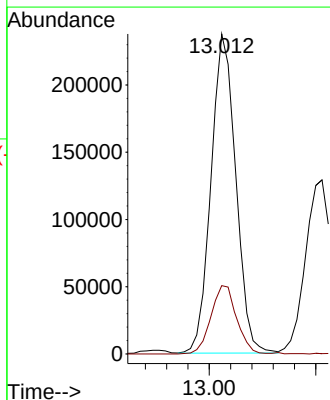
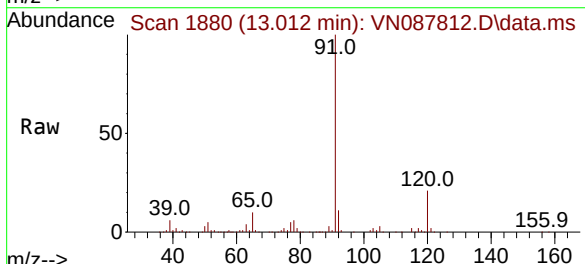
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

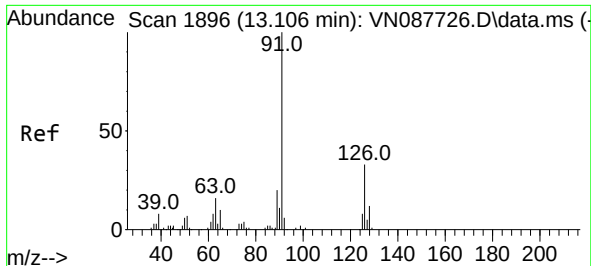
Tgt Ion:156 Resp: 74414
Ion Ratio Lower Upper
156 100
77 229.2 0.0 484.2
158 97.8 0.0 186.2



#74
n-propylbenzene
Concen: 18.830 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 91 Resp: 382795
Ion Ratio Lower Upper
91 100
120 22.2 0.0 42.2

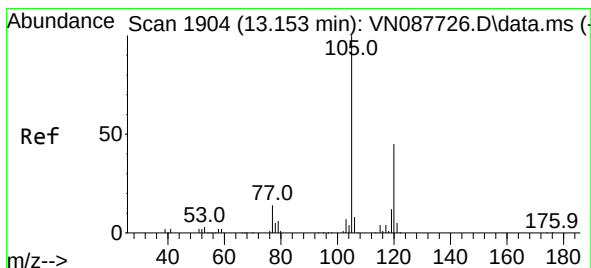
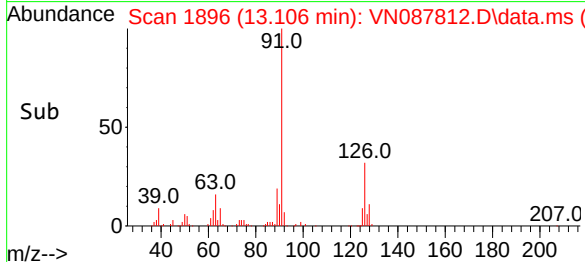
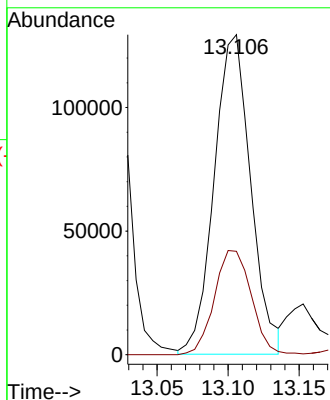
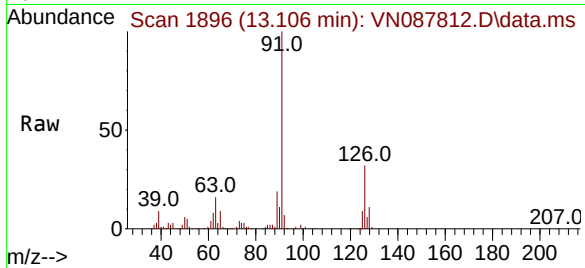




#75
2-Chlorotoluene
Concen: 18.886 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

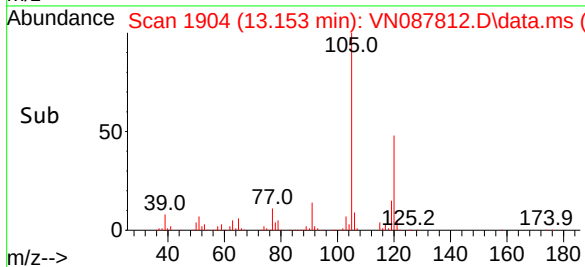
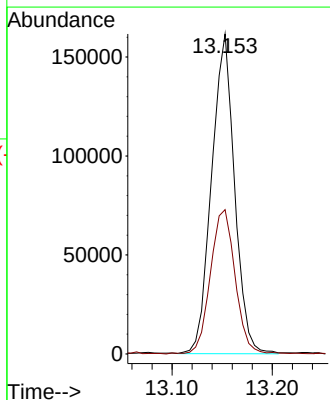
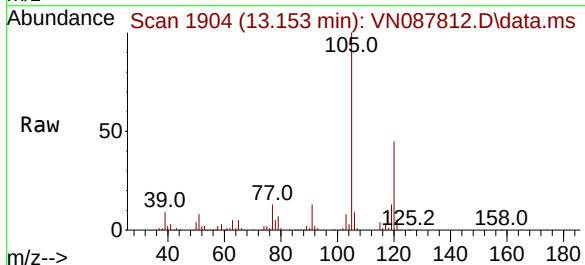
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

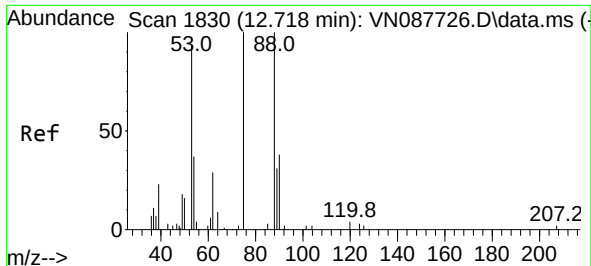
Tgt Ion: 91 Resp: 231074
Ion Ratio Lower Upper
91 100
126 33.0 0.0 60.4



#76
1,3,5-Trimethylbenzene
Concen: 18.887 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 105 Resp: 256966
Ion Ratio Lower Upper
105 100
120 47.7 0.0 92.6

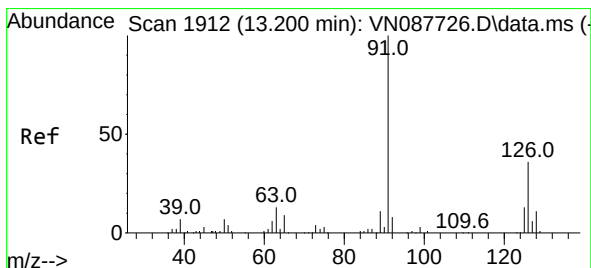
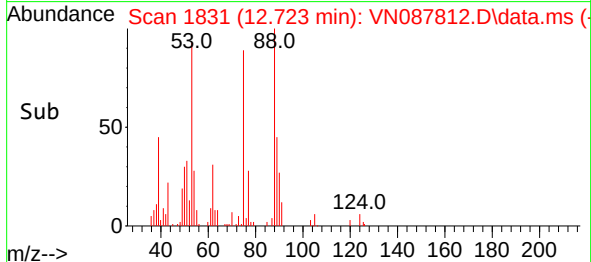
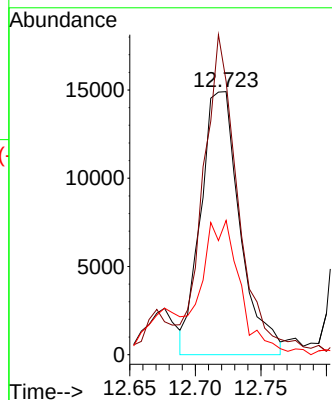
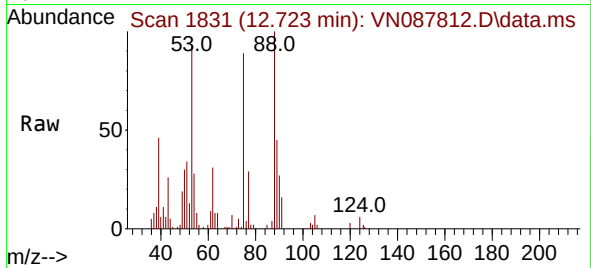




#77
t-1,4-Dichloro-2-butene
Concen: 16.125 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

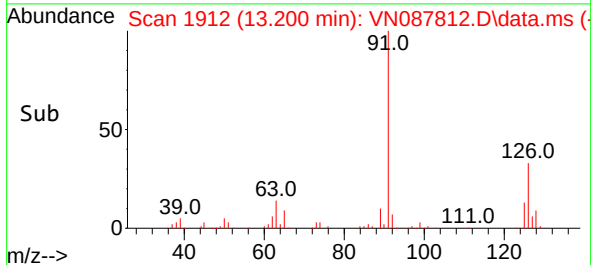
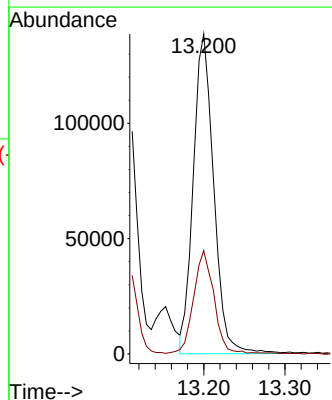
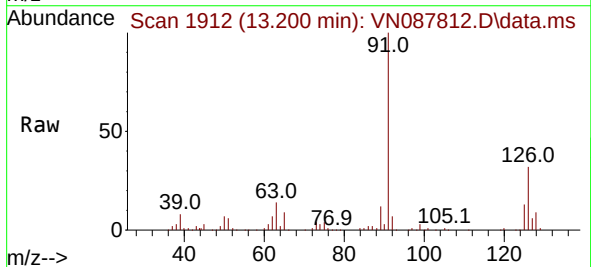
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

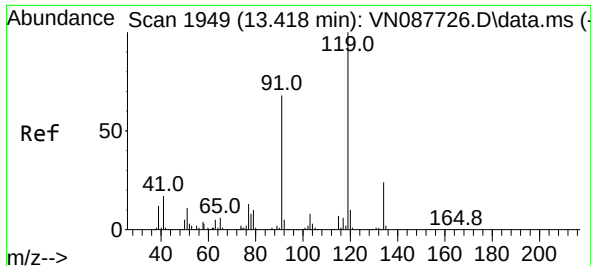
Tgt Ion: 75 Resp: 30952
Ion Ratio Lower Upper
75 100
53 99.5 45.3 135.9
89 51.2 18.8 56.3



#78
4-Chlorotoluene
Concen: 19.702 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 91 Resp: 243017
Ion Ratio Lower Upper
91 100
126 31.4 0.0 67.0

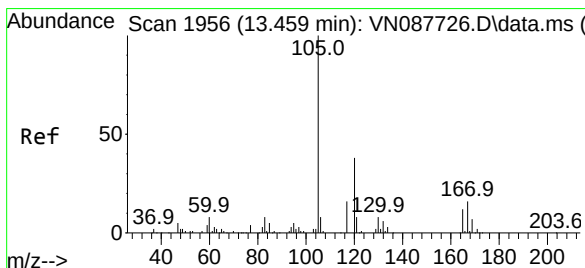
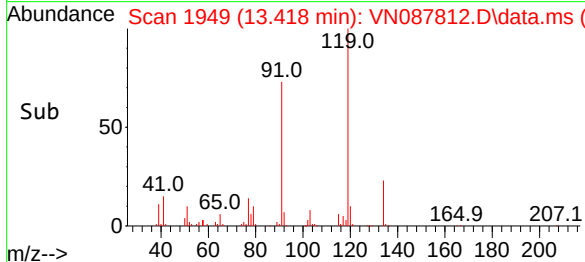
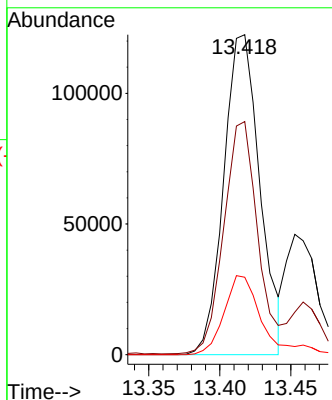
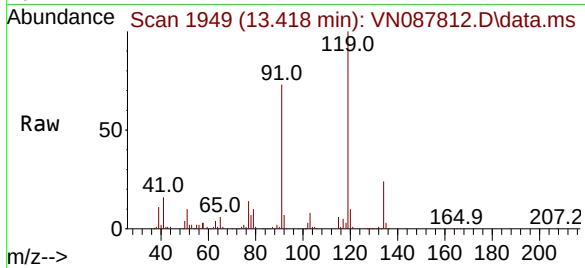




#79
 tert-butylbenzene
 Concen: 19.045 ug/l
 RT: 13.418 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VN087812.D
 Acq: 12 Sep 2025 10:45

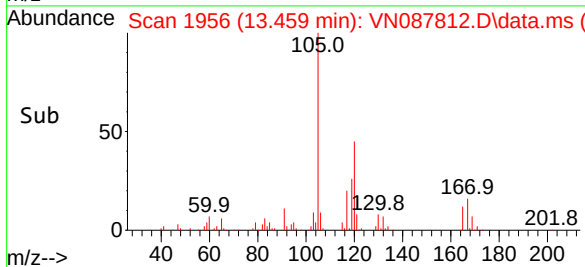
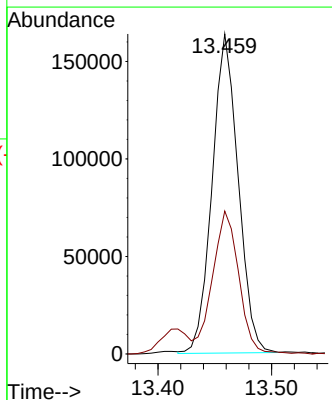
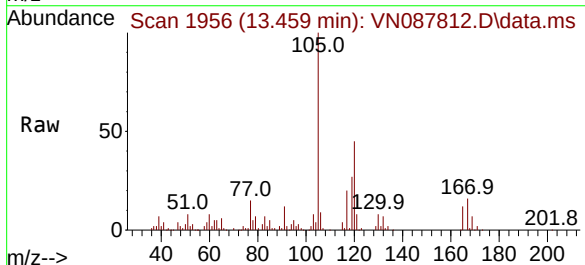
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

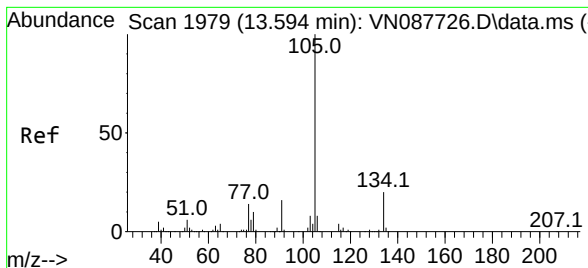
Tgt Ion:119 Resp: 217008
 Ion Ratio Lower Upper
 119 100
 91 67.9 0.0 142.6
 134 24.5 0.0 47.2



#80
 1,2,4-Trimethylbenzene
 Concen: 18.686 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087812.D
 Acq: 12 Sep 2025 10:45

Tgt Ion:105 Resp: 260652
 Ion Ratio Lower Upper
 105 100
 120 45.3 0.0 86.6

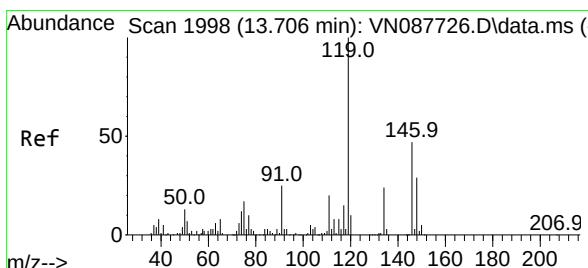
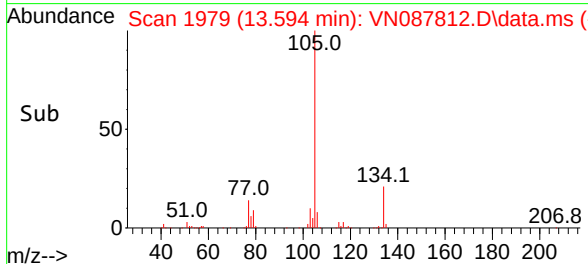
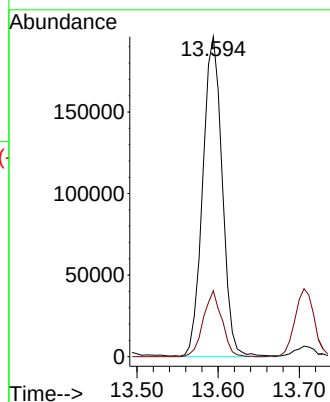
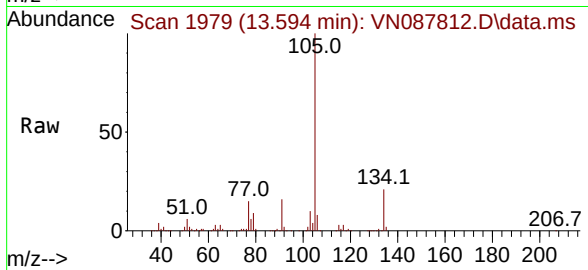




#81
 sec-Butylbenzene
 Concen: 19.499 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087812.D
 Acq: 12 Sep 2025 10:45

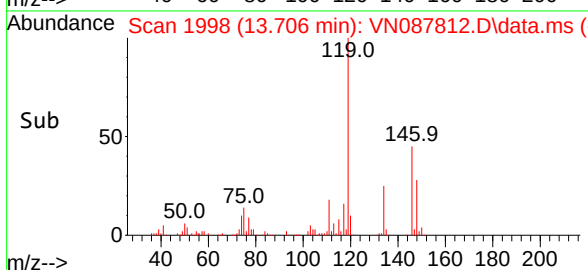
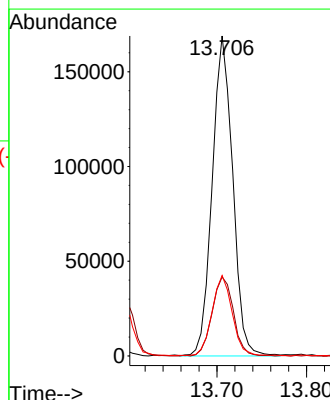
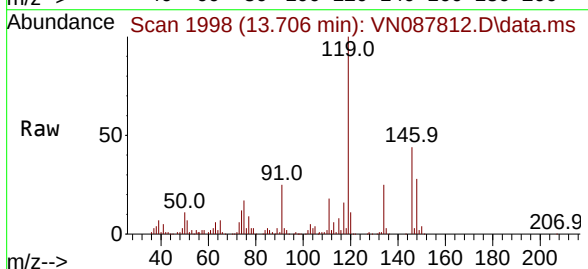
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

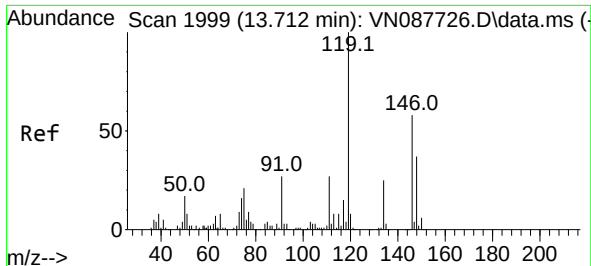
Tgt Ion:105 Resp: 326802
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 37.0



#82
 p-Isopropyltoluene
 Concen: 19.411 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087812.D
 Acq: 12 Sep 2025 10:45

Tgt Ion:119 Resp: 268047
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 49.4
 91 25.0 0.0 52.2

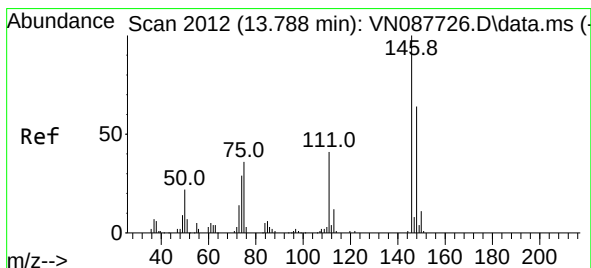
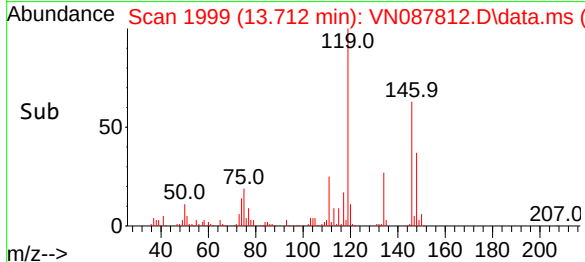
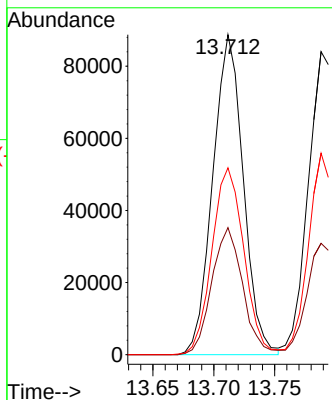
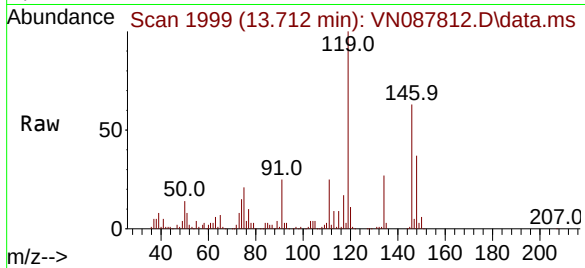




#83
 1,3-Dichlorobenzene
 Concen: 20.374 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087812.D
 Acq: 12 Sep 2025 10:45

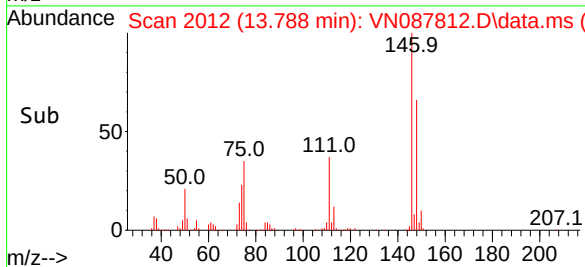
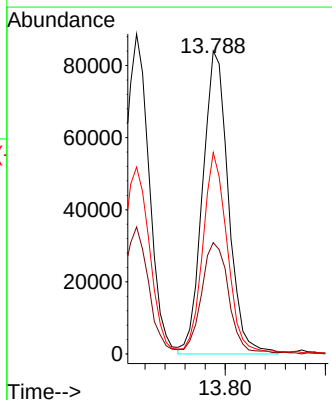
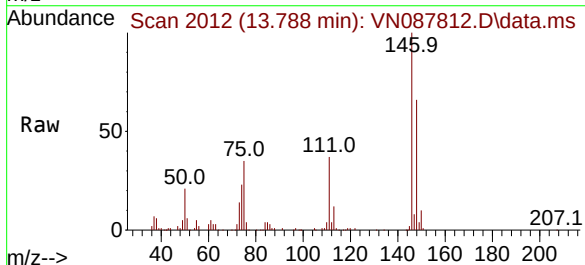
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

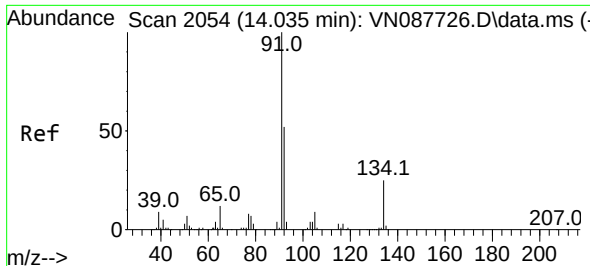
Tgt Ion:146 Resp: 154834
 Ion Ratio Lower Upper
 146 100
 111 40.3 21.1 63.4
 148 61.3 31.0 93.0



#84
 1,4-Dichlorobenzene
 Concen: 19.713 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN087812.D
 Acq: 12 Sep 2025 10:45

Tgt Ion:146 Resp: 150160
 Ion Ratio Lower Upper
 146 100
 111 38.6 20.2 60.5
 148 62.6 31.5 94.5

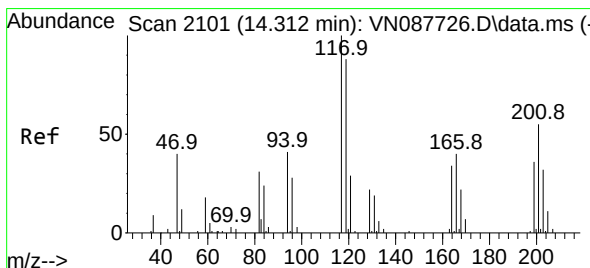
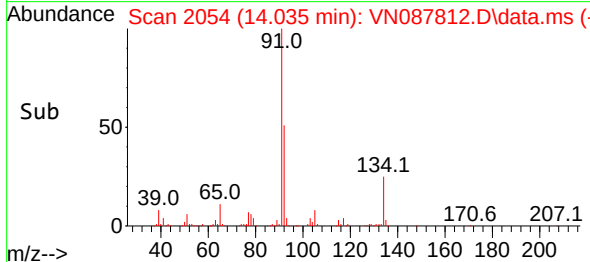
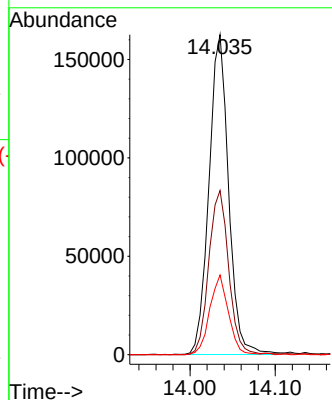
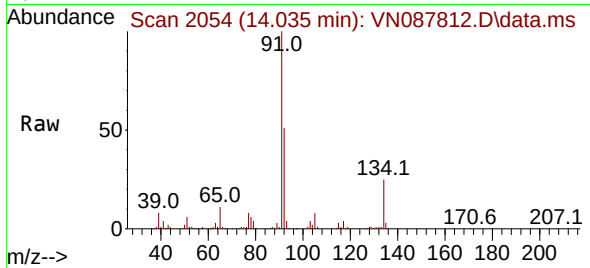




#85
n-Butylbenzene
Concen: 19.608 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

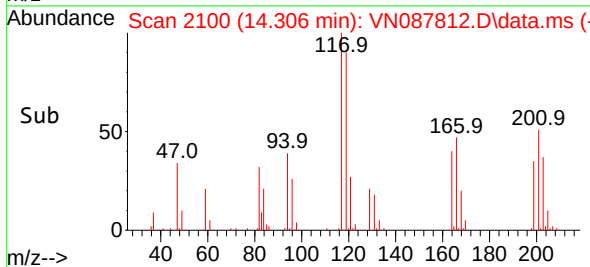
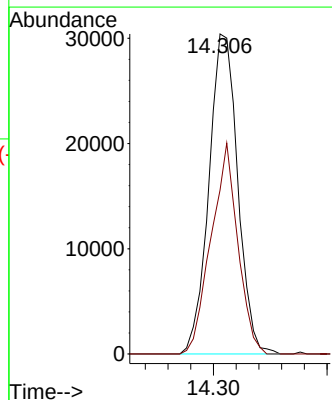
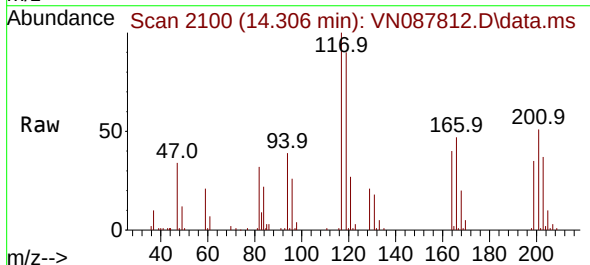
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

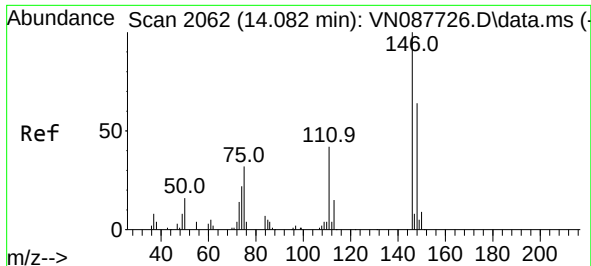
Tgt Ion: 91 Resp: 260262
Ion Ratio Lower Upper
91 100
92 51.8 0.0 104.0
134 23.7 0.0 46.0



#86
Hexachloroethane
Concen: 19.101 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion: 117 Resp: 53576
Ion Ratio Lower Upper
117 100
201 61.2 29.9 89.7





#87

1,2-Dichlorobenzene

Concen: 19.982 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN087812.D

Acq: 12 Sep 2025 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

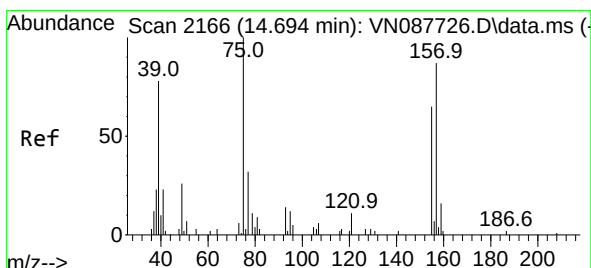
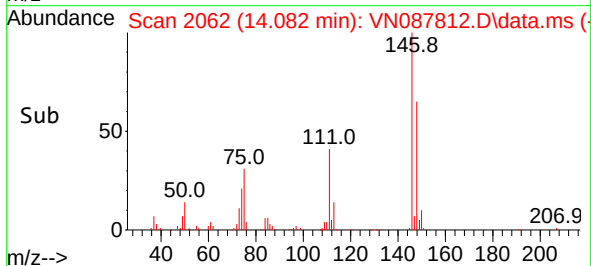
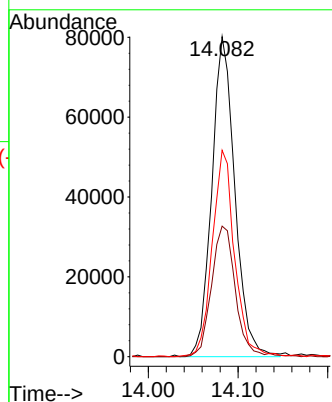
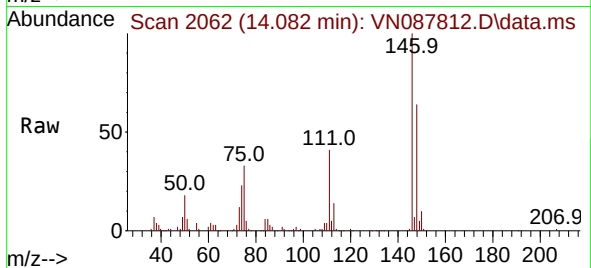
Tgt Ion:146 Resp: 143217

Ion Ratio Lower Upper

146 100

111 42.1 21.5 64.5

148 62.4 33.4 100.1



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.240 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VN087812.D

Acq: 12 Sep 2025 10:45

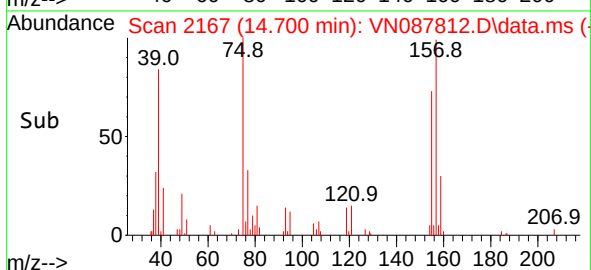
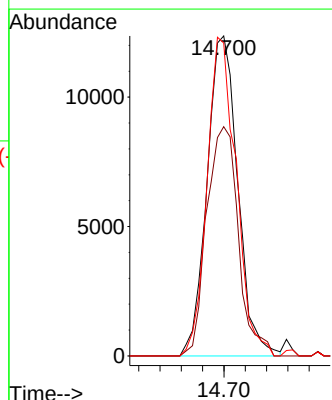
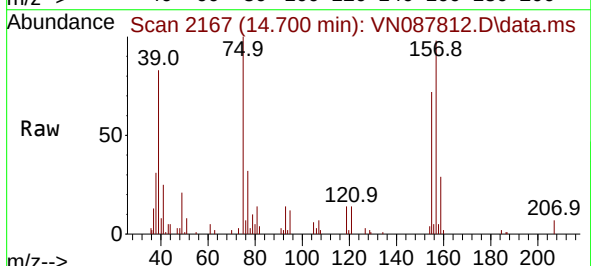
Tgt Ion: 75 Resp: 24731

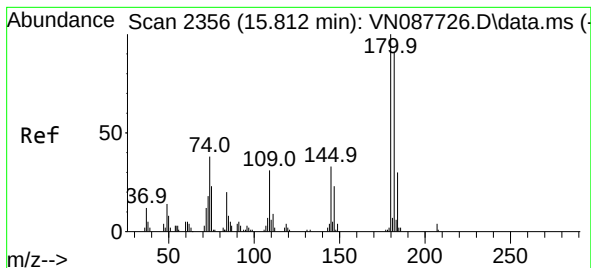
Ion Ratio Lower Upper

75 100

155 73.9 53.0 79.4

157 94.6 72.2 108.4





#89

1,2,4-Trichlorobenzene

Concen: 19.639 ug/l

RT: 15.812 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087812.D

Acq: 12 Sep 2025 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

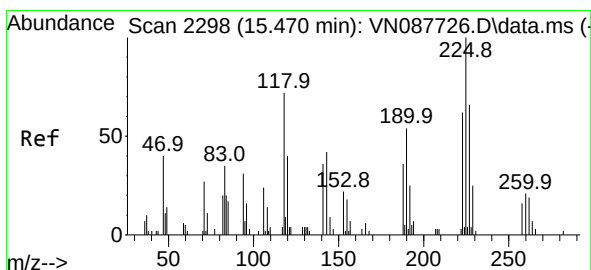
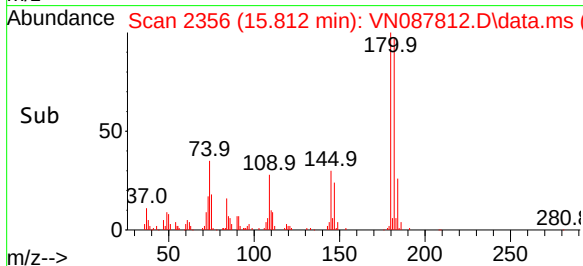
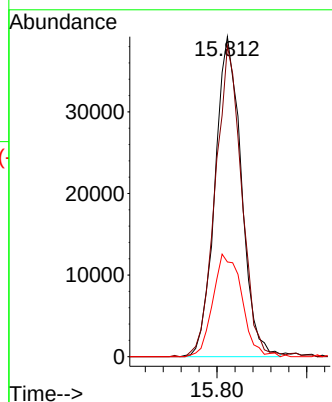
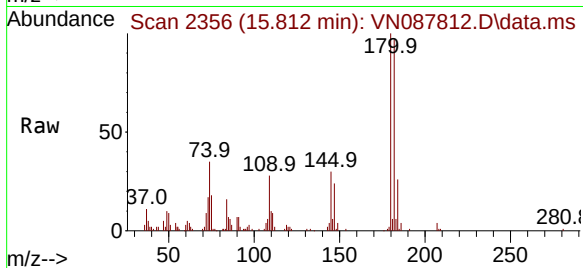
Tgt Ion:180 Resp: 80060

Ion Ratio Lower Upper

180 100

182 96.5 74.6 111.8

145 34.7 27.4 41.0



#90

Hexachlorobutadiene

Concen: 23.582 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VN087812.D

Acq: 12 Sep 2025 10:45

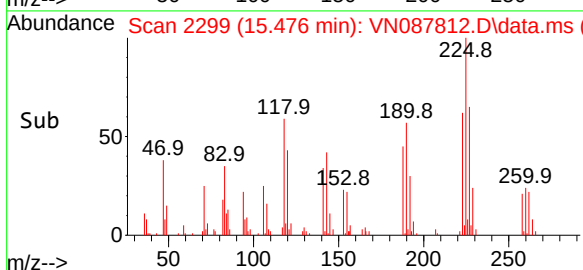
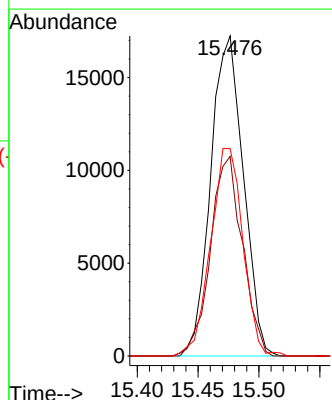
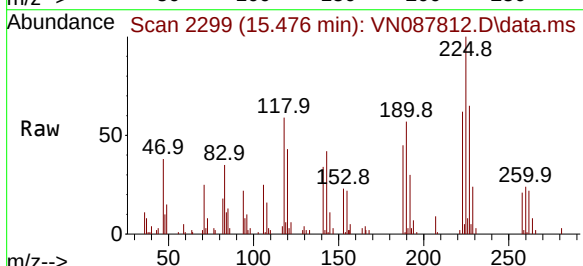
Tgt Ion:225 Resp: 32228

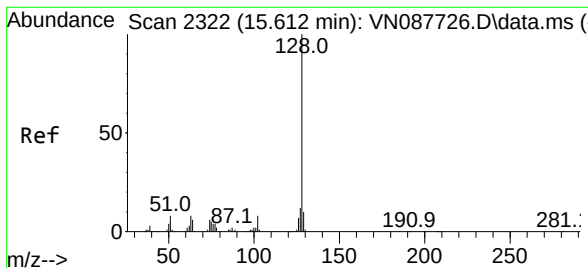
Ion Ratio Lower Upper

225 100

223 61.1 0.0 118.2

227 63.7 0.0 139.0

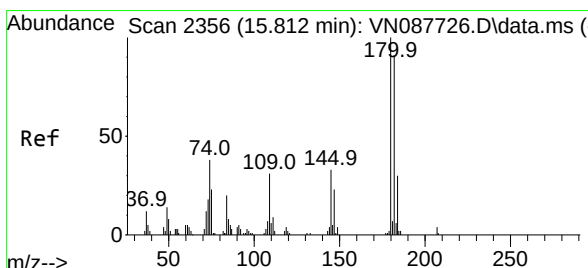
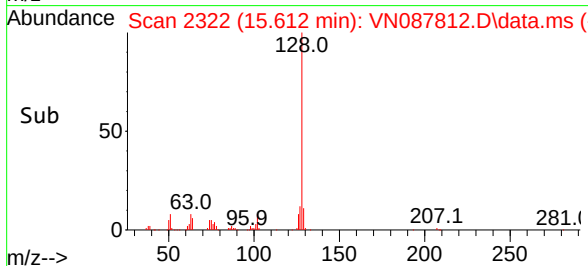
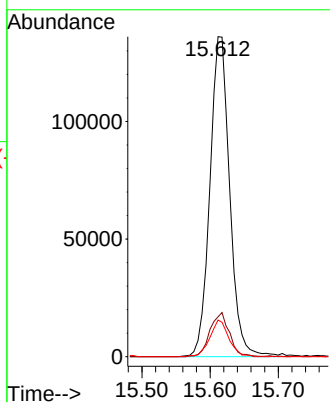
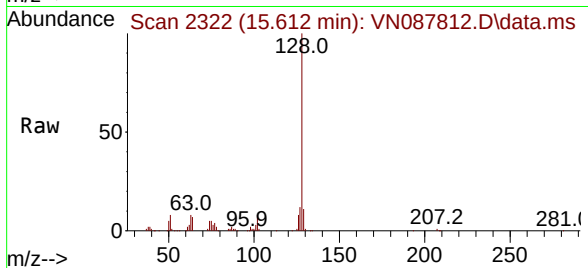




#91
Naphthalene
Concen: 18.338 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion:128 Resp: 275220
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 10.4 8.3 12.5



#92
1,2,3-Trichlorobenzene
Concen: 19.639 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087812.D
Acq: 12 Sep 2025 10:45

Tgt Ion:180 Resp: 80060
Ion Ratio Lower Upper
180 100
182 96.5 0.0 186.4
145 34.7 0.0 68.4

