

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091225\
 Data File : VN087813.D
 Acq On : 12 Sep 2025 11:06
 Operator : JC\MD
 Sample : VN0912WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

Quant Time: Sep 12 22:50:56 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	7.795	128	60654	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	293305	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	272699	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	143354	27.668	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.233%
60) 4-Bromofluorobenzene	12.829	95	128618	29.333	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.767%
63) Toluene-d8	10.541	98	378556	29.850	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	70692	18.753	ug/l	97
3) Chloromethane	2.383	50	65788	16.624	ug/l	95
4) Vinyl Chloride	2.536	62	77414	17.306	ug/l	98
5) Bromomethane	2.983	94	37922	14.450	ug/l	97
6) Chloroethane	3.136	64	52371	17.130	ug/l #	82
7) Trichlorofluoromethane	3.512	101	118483	18.070	ug/l	98
8) Diethyl Ether	3.965	74	46193	16.683	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	64189	18.073	ug/l	72
10) 1,1-Dichloroethene	4.336	96	65048	17.765	ug/l #	82
11) Methyl Iodide	4.583	142	32276	12.453	ug/l	75
12) Methyl Acetate	5.018	43	102043	18.078	ug/l	96
13) Acrolein	4.301	56	417	0.415	ug/l	97
14) Acrylonitrile	5.706	53	212763	87.573	ug/l	71
15) Acetone	4.418	58	66683	87.982	ug/l	82
16) Carbon Disulfide	4.701	76	185457	18.447	ug/l #	92
17) Allyl chloride	5.018	41	101915	17.041	ug/l	98
18) Methylene Chloride	5.259	84	75185	18.127	ug/l	89
19) trans-1,2-Dichloroethene	5.765	96	66922	17.920	ug/l	98
20) Diisopropyl ether	6.659	45	233418	16.972	ug/l	97
21) 1,1-Dichloroethane	6.553	63	129018	17.131	ug/l	99
22) cis-1,2-Dichloroethene	7.471	96	80981	17.865	ug/l	97
23) tert-Butyl Alcohol	5.524	59	70963	82.627	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	222545	17.024	ug/l	95
25) Chloroform	7.947	83	135454	17.182	ug/l	90
26) Cyclohexane	8.242	56	103613	18.065	ug/l #	100
29) 1,1-Dichloropropene	8.347	75	91303	19.154	ug/l	98
30) 2-Butanone	7.471	43	306372	93.302	ug/l	97
31) 2,2-Dichloropropane	7.465	77	115065	20.025	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	116352	19.253	ug/l	98
33) Carbon Tetrachloride	8.342	117	98183	19.485	ug/l	90
34) Benzene	8.589	78	292219	18.968	ug/l #	93
35) Methacrylonitrile	7.759	41	63619	18.523	ug/l	96
36) 1,2-Dichloroethane	8.647	62	109367	18.794	ug/l	96
37) Trichloroethene	9.336	130	67222	19.520	ug/l	94
38) Methylcyclohexane	9.583	83	100988	19.241	ug/l	98
39) 1,2-Dichloropropane	9.600	63	76246	19.324	ug/l	99
40) Dibromomethane	9.689	93	54707	18.631	ug/l	97
41) Bromodichloromethane	9.871	83	107952	17.987	ug/l #	94
42) Vinyl Acetate	6.595	43	962355	87.715	ug/l	99

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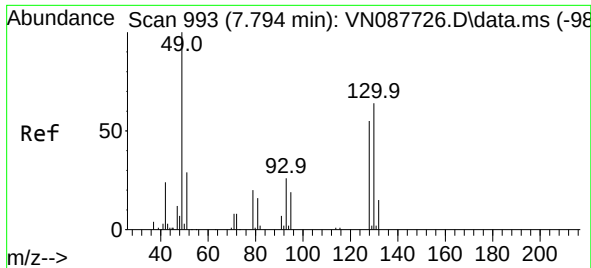
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	114815	17.114	ug/l	95
44) Isopropyl Acetate	8.677	43	184887	17.579	ug/l	98
45) 1,4-Dioxane	9.677	88	26538	400.115	ug/l	96
46) Methyl methacrylate	9.665	41	85538	17.645	ug/l	93
48) t-1,3-Dichloropropene	10.818	75	110087	17.661	ug/l	99
49) cis-1,3-Dichloropropene	10.288	75	119926	18.784	ug/l	90
50) 1,1,2-Trichloroethane	10.994	97	71598	18.878	ug/l	95
51) Ethyl methacrylate	10.859	69	107837	18.270	ug/l	99
52) 1,3-Dichloropropane	11.141	76	122386	18.583	ug/l	100
53) Dibromochloromethane	11.341	129	81694	19.211	ug/l	92
54) 1,2-Dibromoethane	11.447	107	72329	18.328	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	300818	88.953	ug/l	98
56) Bromoform	12.559	173	51291	18.470	ug/l	97
58) 4-Methyl-2-Pentanone	10.424	43	599526	92.979	ug/l	99
59) 2-Hexanone	11.177	43	379850	90.154	ug/l	98
61) Tetrachloroethene	11.083	164	57018	21.000	ug/l	93
62) Toluene	10.612	91	306195	18.563	ug/l	99
64) Chlorobenzene	11.871	112	188308	18.600	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.935	131	66801	18.741	ug/l	99
66) Ethyl Benzene	11.941	91	329763	18.531	ug/l	92
67) m/p-Xylenes	12.053	106	250458	37.915	ug/l	93
68) o-Xylene	12.377	106	120504	18.815	ug/l	100
69) Styrene	12.388	104	201054	18.061	ug/l	100
70) Isopropylbenzene	12.671	105	309691	19.070	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.918	83	110182	18.872	ug/l	97
72) 1,2,3-Trichloropropane	12.971	75	138405	24.144	ug/l	57
73) Bromobenzene	12.959	156	74780	18.821	ug/l	96
74) n-propylbenzene	13.012	91	392483	19.154	ug/l	98
75) 2-Chlorotoluene	13.100	91	231741	18.791	ug/l	97
76) 1,3,5-Trimethylbenzene	13.147	105	267103	19.477	ug/l	97
77) t-1,4-Dichloro-2-butene	12.718	75	31316	16.185	ug/l	95
78) 4-Chlorotoluene	13.200	91	242014	19.465	ug/l	98
79) tert-butylbenzene	13.418	119	229146	19.952	ug/l	95
80) 1,2,4-Trimethylbenzene	13.459	105	271786	19.330	ug/l	99
81) sec-Butylbenzene	13.594	105	346516	20.512	ug/l	99
82) p-Isopropyltoluene	13.706	119	287370	20.646	ug/l	96
83) 1,3-Dichlorobenzene	13.712	146	150754	19.680	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	152124	19.813	ug/l	99
85) n-Butylbenzene	14.035	91	277392	20.733	ug/l	98
86) Hexachloroethane	14.306	117	54896	19.417	ug/l	95
87) 1,2-Dichlorobenzene	14.082	146	143399	19.849	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.694	75	24542	18.942	ug/l	87
89) 1,2,4-Trichlorobenzene	15.806	180	82133	19.988	ug/l	98
90) Hexachlorobutadiene	15.470	225	34886	25.325	ug/l	91
91) Naphthalene	15.612	128	281519	18.610	ug/l	99
92) 1,2,3-Trichlorobenzene	15.806	180	82133	19.988	ug/l	98

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

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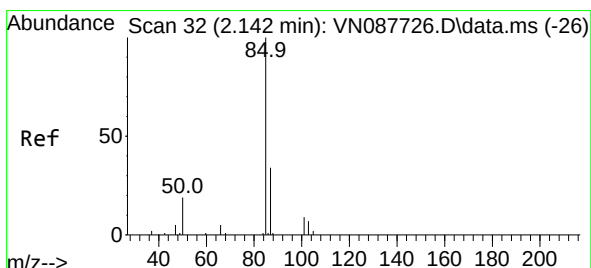
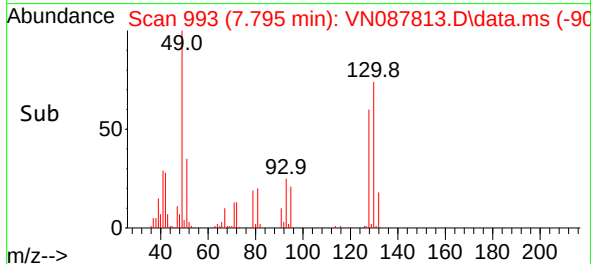
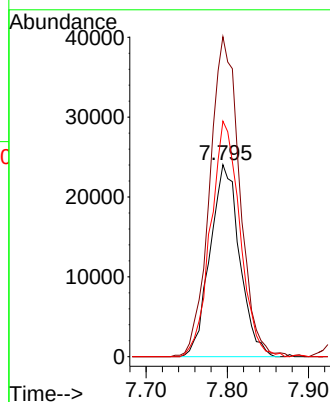
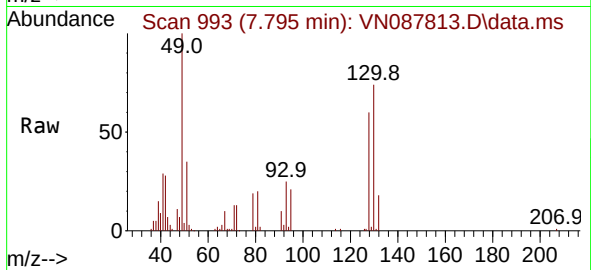




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.795 min Scan# 993
Delta R.T. 0.001 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

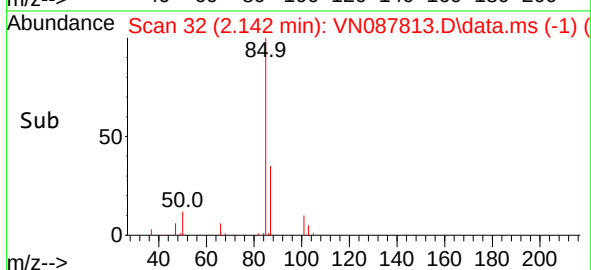
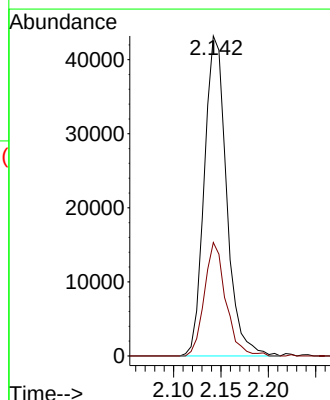
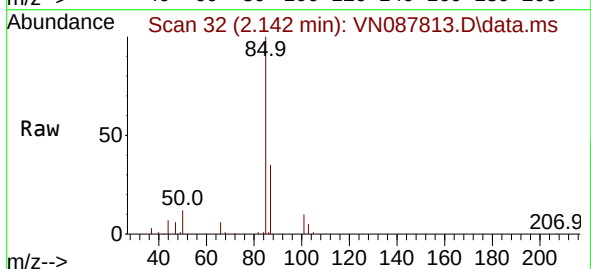
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

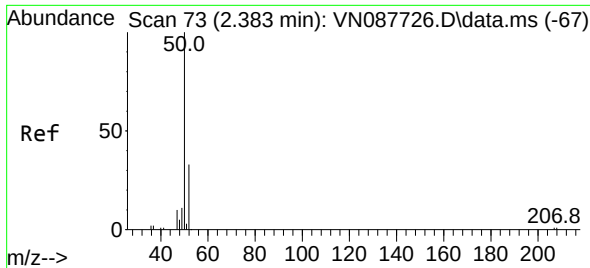
Tgt Ion:128 Resp: 60654
Ion Ratio Lower Upper
128 100
49 168.4 0.0 464.3
130 121.7 0.0 300.5



#2
Dichlorodifluoromethane
Concen: 18.753 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 85 Resp: 70692
Ion Ratio Lower Upper
85 100
87 35.4 16.8 50.4

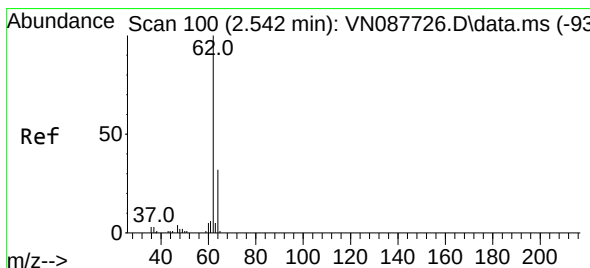
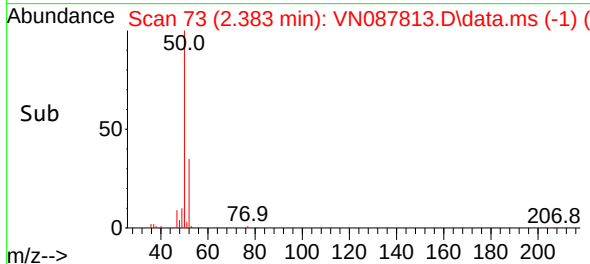
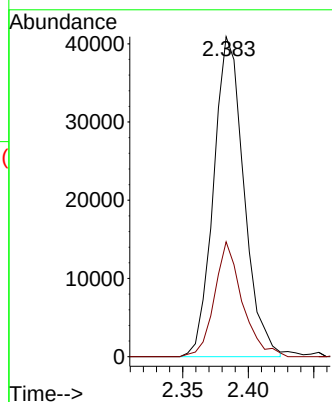
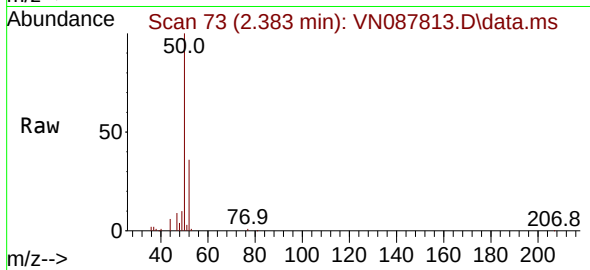




#3
Chloromethane
Concen: 16.624 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

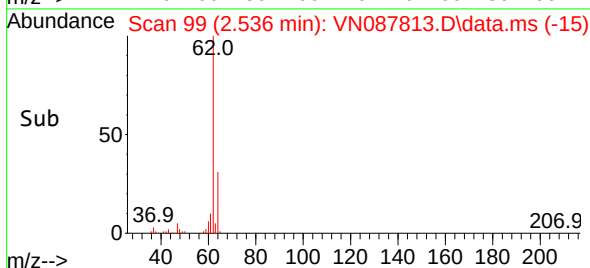
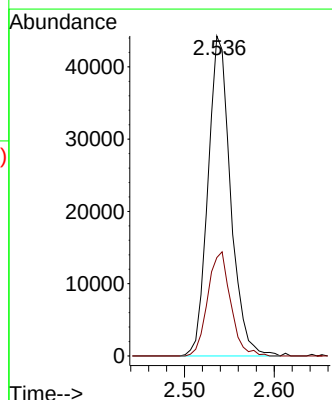
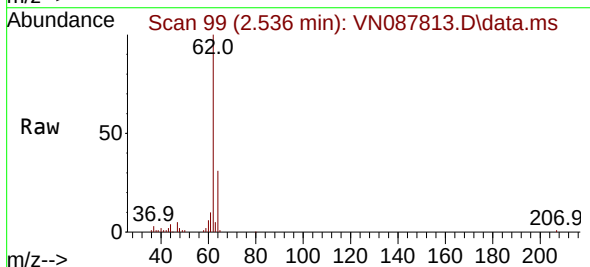
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MSVOA_N
ClientSampleId :
VN0912WBSD01

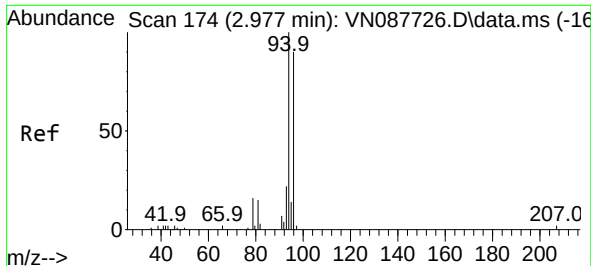
Tgt Ion: 50 Resp: 65788
Ion Ratio Lower Upper
50 100
52 35.9 26.6 40.0



#4
Vinyl Chloride
Concen: 17.306 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 62 Resp: 77414
Ion Ratio Lower Upper
62 100
64 30.7 25.5 38.3

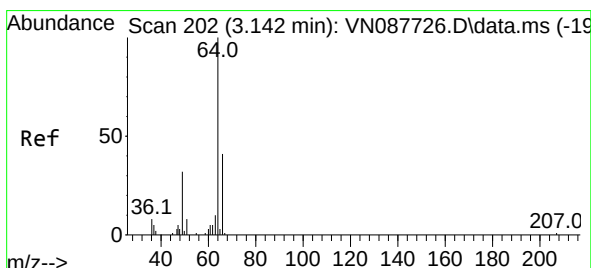
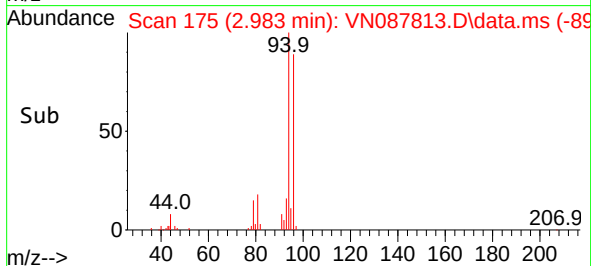
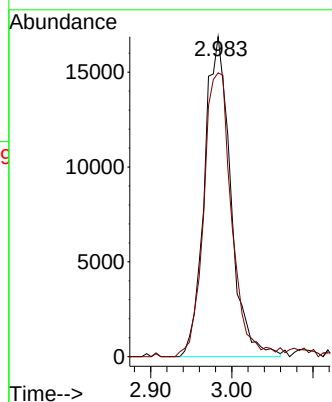
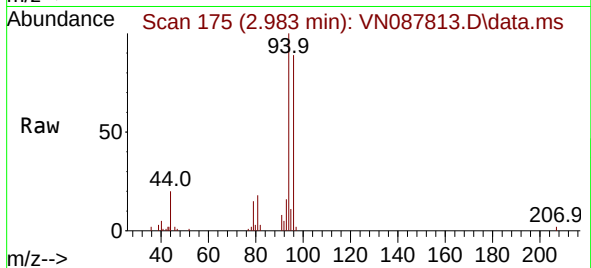




#5
Bromomethane
Concen: 14.450 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

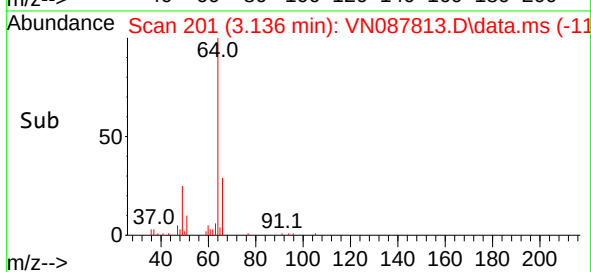
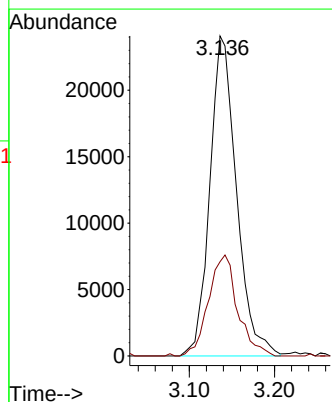
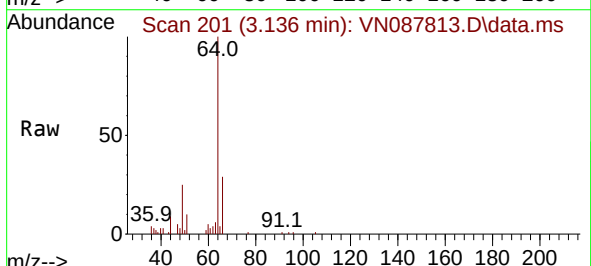
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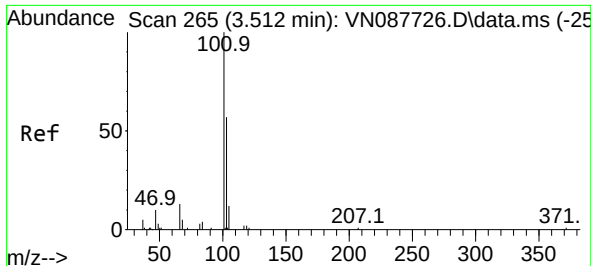
Tgt Ion: 94 Resp: 37922
Ion Ratio Lower Upper
94 100
96 87.2 72.2 108.4



#6
Chloroethane
Concen: 17.130 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 64 Resp: 52371
Ion Ratio Lower Upper
64 100
66 29.5 32.8 49.2#

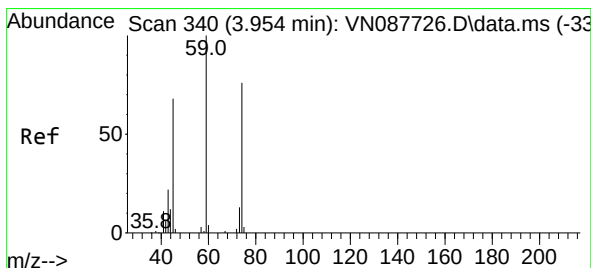
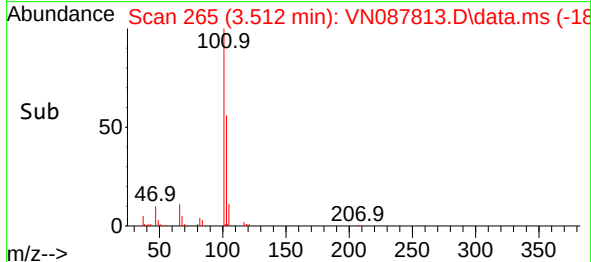
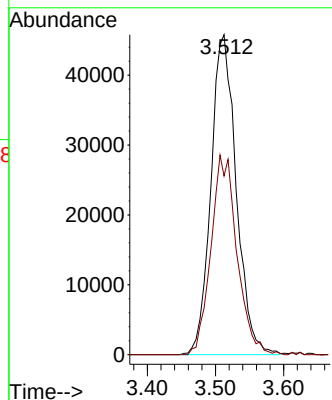
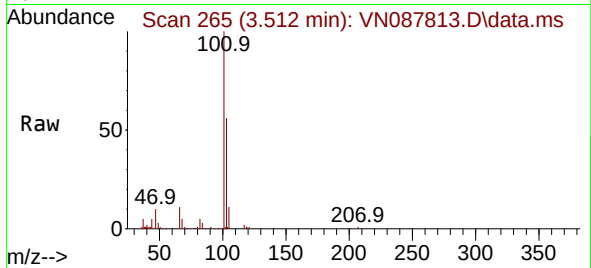




#7
 Trichlorofluoromethane
 Concen: 18.070 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087813.D
 Acq: 12 Sep 2025 11:06

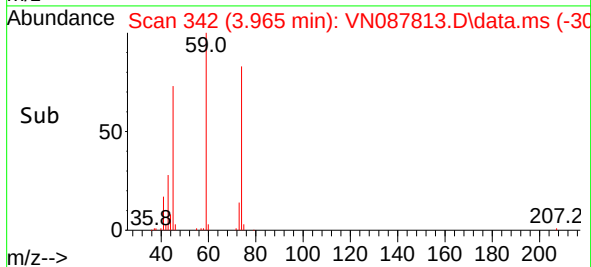
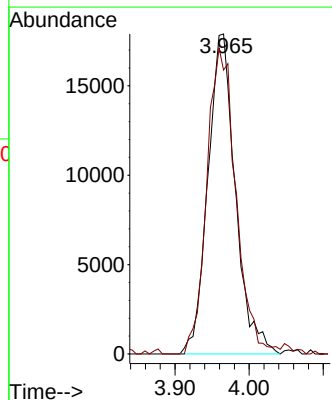
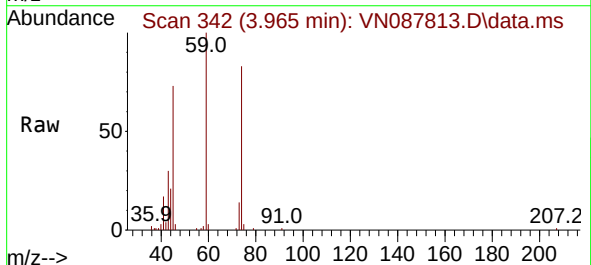
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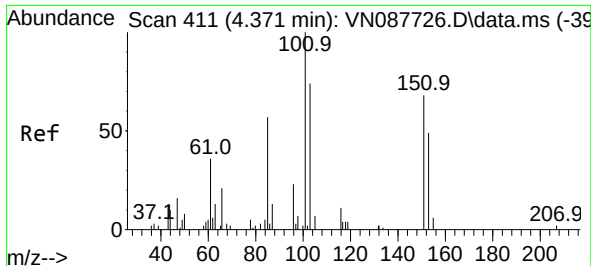
Tgt Ion:101 Resp: 118483
 Ion Ratio Lower Upper
 101 100
 103 55.9 45.7 68.5



#8
 Diethyl Ether
 Concen: 16.683 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN087813.D
 Acq: 12 Sep 2025 11:06

Tgt Ion: 74 Resp: 46193
 Ion Ratio Lower Upper
 74 100
 45 100.5 20.4 183.8

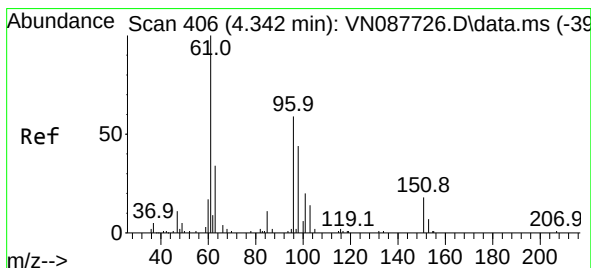
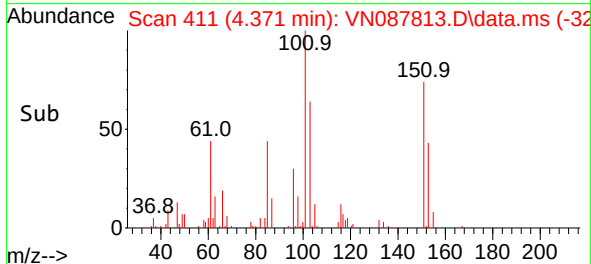
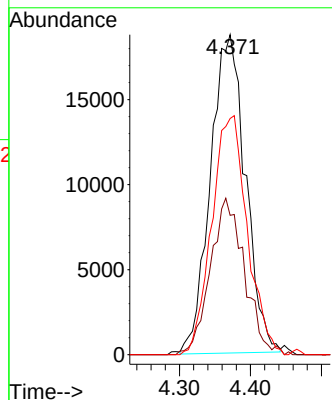
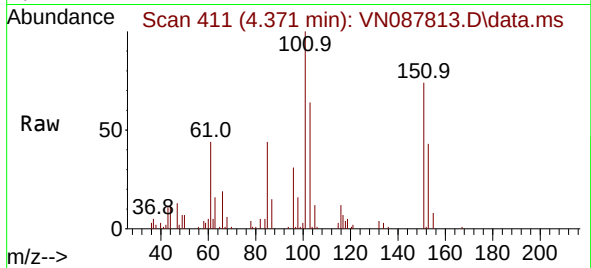




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.073 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN087813.D
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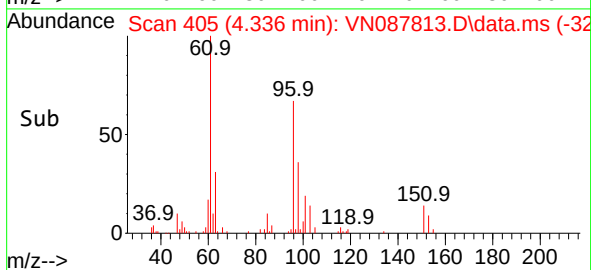
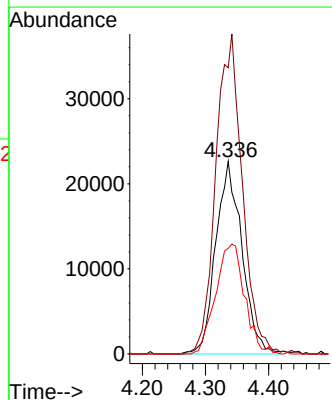
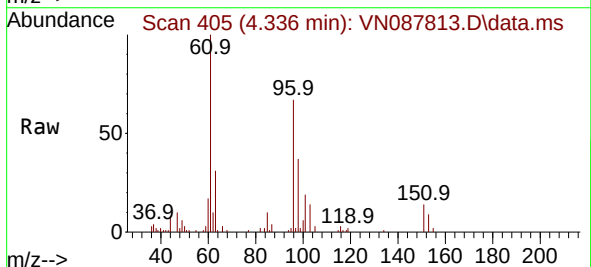
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

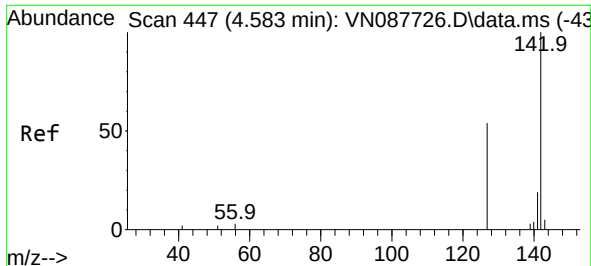
Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.0	0.0	95.6
151	76.1	0.0	85.8



#10
1,1-Dichloroethene
Concen: 17.765 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

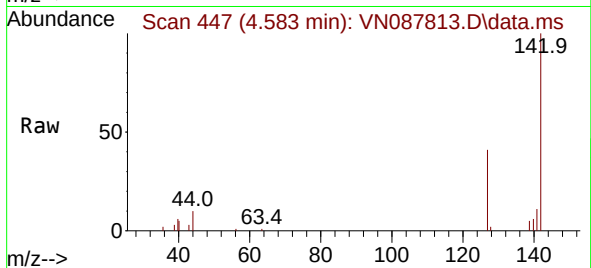
Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.7	135.9	203.9
98	54.9	59.2	88.8



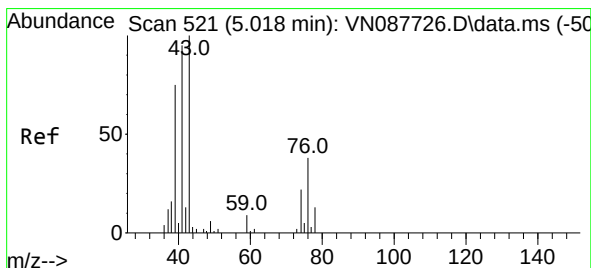
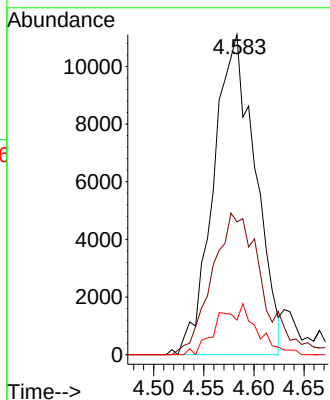
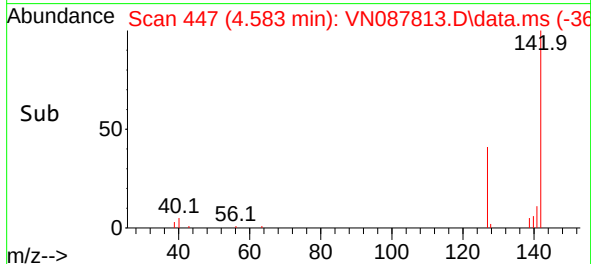


#11
Methyl Iodide
Concen: 12.453 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

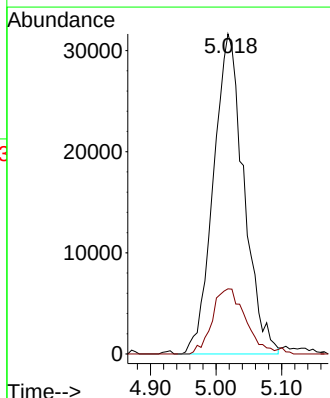
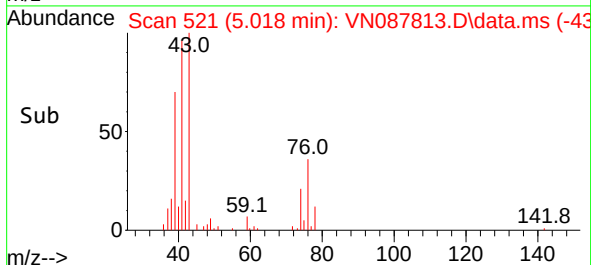
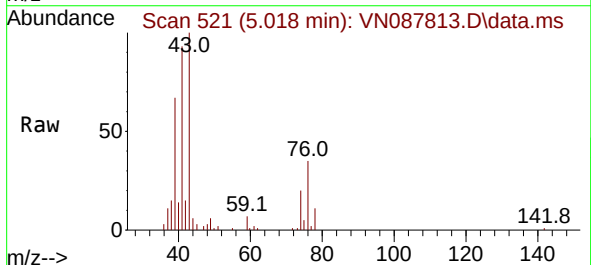


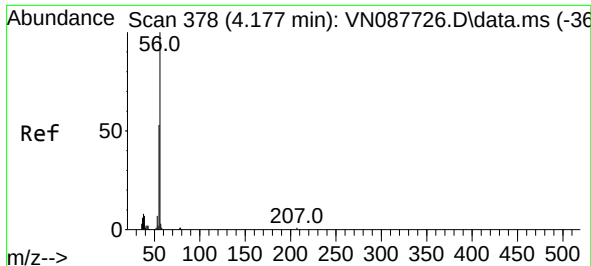
Tgt Ion:142 Resp: 32276
Ion Ratio Lower Upper
142 100
127 36.1 27.9 83.7
141 10.2 9.6 28.8



#12
Methyl Acetate
Concen: 18.078 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 43 Resp: 102043
Ion Ratio Lower Upper
43 100
74 19.8 17.5 26.3

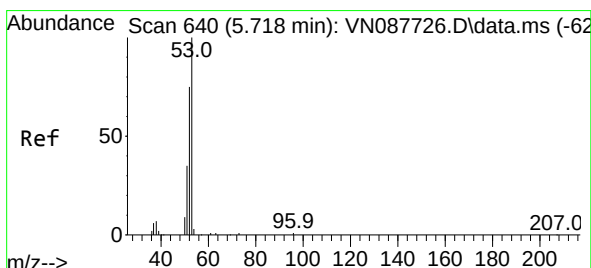
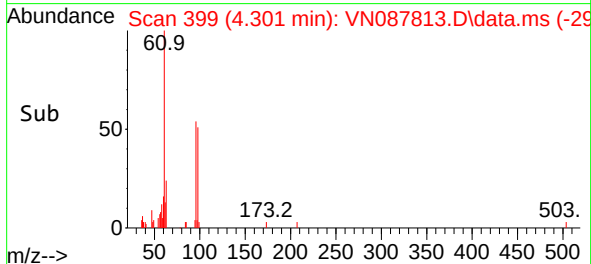
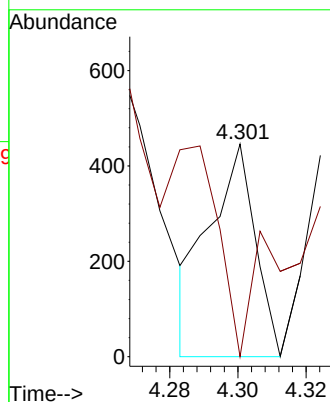
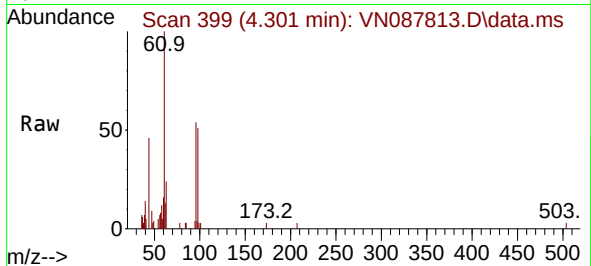




#13
Acrolein
Concen: 0.415 ug/l
RT: 4.301 min Scan# 399
Delta R.T. 0.124 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

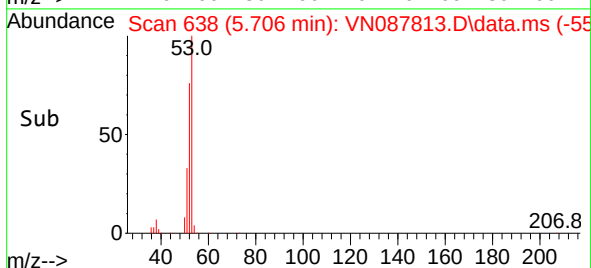
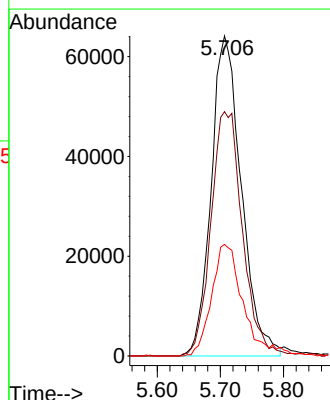
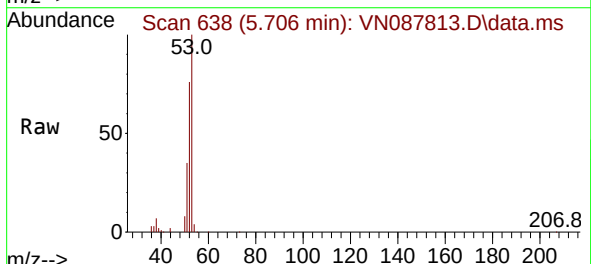
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

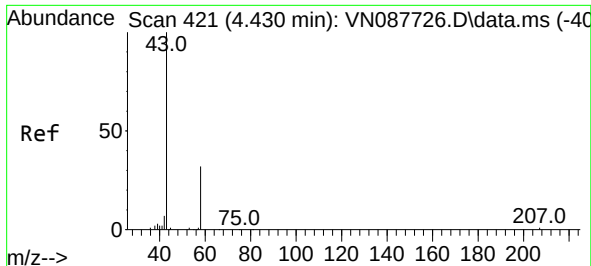
Tgt Ion: 56 Resp: 417
Ion Ratio Lower Upper
56 100
55 37.4 28.6 42.8



#14
Acrylonitrile
Concen: 87.573 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.012 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 53 Resp: 212763
Ion Ratio Lower Upper
53 100
52 46.0 40.9 122.7
51 33.8 18.1 54.1

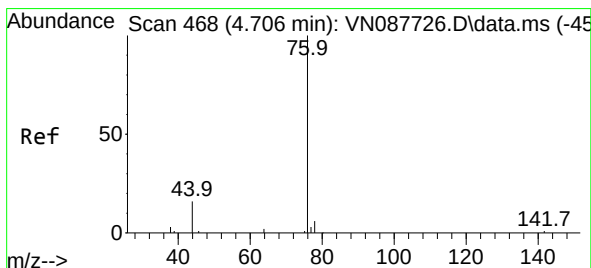
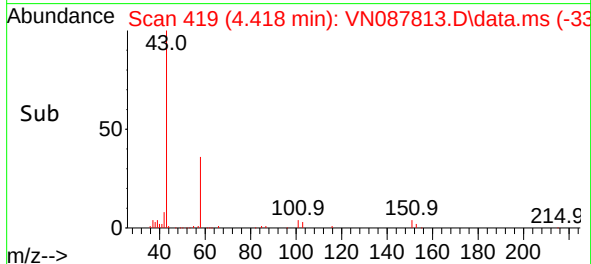
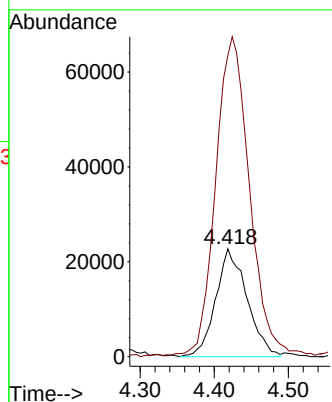
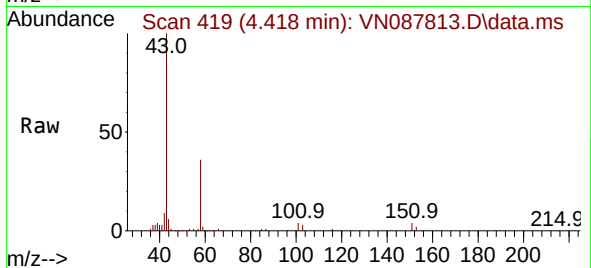




#15
Acetone
Concen: 87.982 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.012 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

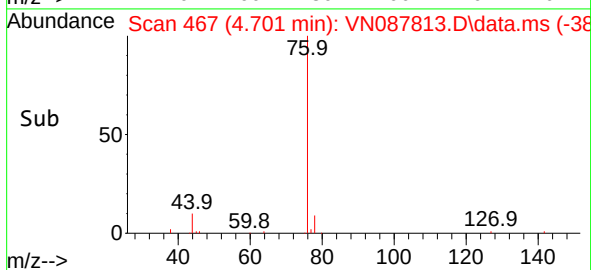
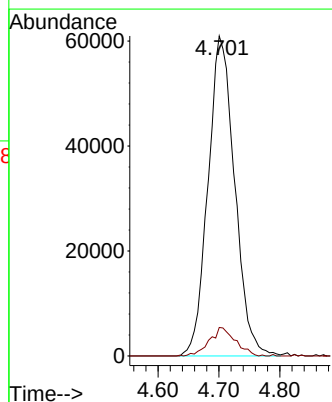
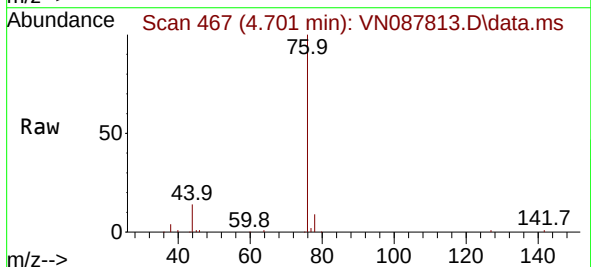
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

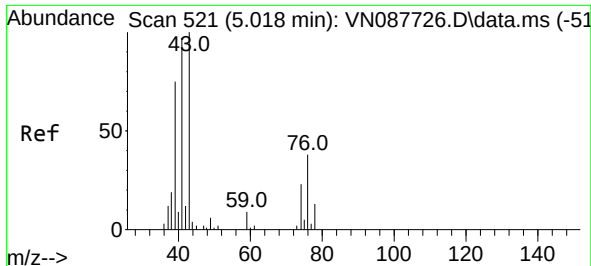
Tgt Ion: 58 Resp: 66683
Ion Ratio Lower Upper
58 100
43 276.5 250.6 376.0



#16
Carbon Disulfide
Concen: 18.447 ug/l
RT: 4.701 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 76 Resp: 185457
Ion Ratio Lower Upper
76 100
78 8.9 5.0 7.6#

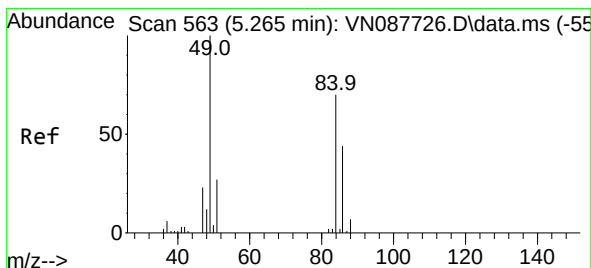
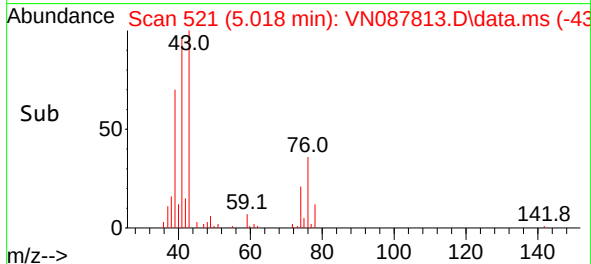
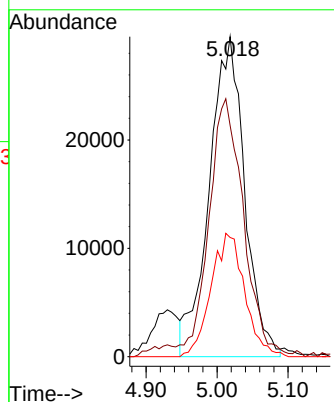
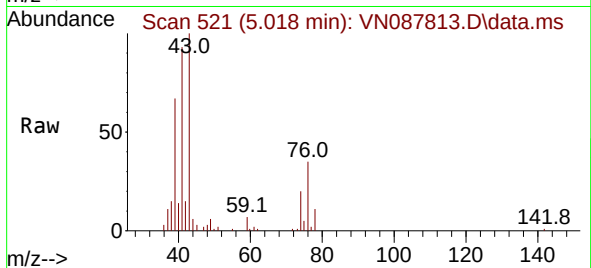




#17
 Allyl chloride
 Concen: 17.041 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN087813.D
 Acq: 12 Sep 2025 11:06

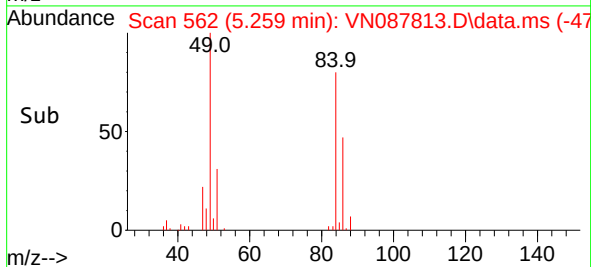
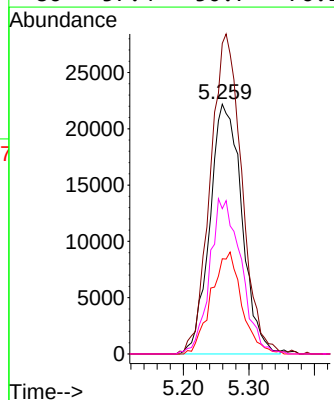
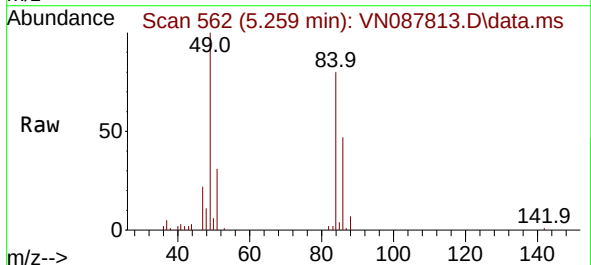
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

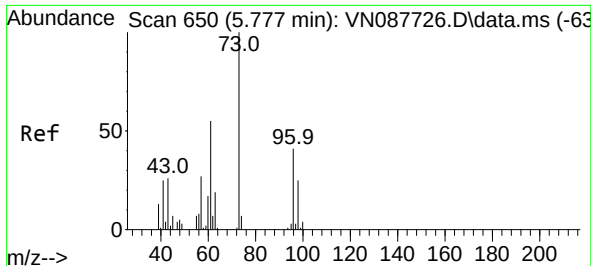
Tgt Ion: 41 Resp: 101915
 Ion Ratio Lower Upper
 41 100
 39 71.7 36.7 110.1
 76 38.2 18.3 54.8



#18
 Methylene Chloride
 Concen: 18.127 ug/l
 RT: 5.259 min Scan# 562
 Delta R.T. -0.006 min
 Lab File: VN087813.D
 Acq: 12 Sep 2025 11:06

Tgt Ion: 84 Resp: 75185
 Ion Ratio Lower Upper
 84 100
 49 123.5 114.1 171.1
 51 38.1 30.2 45.4
 86 57.4 50.7 76.1

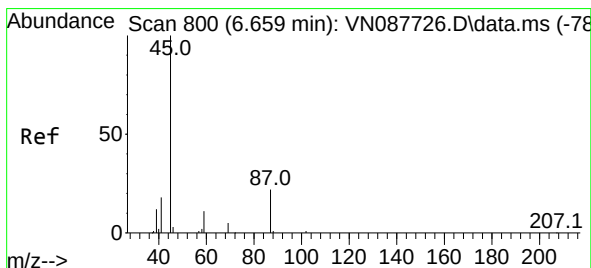
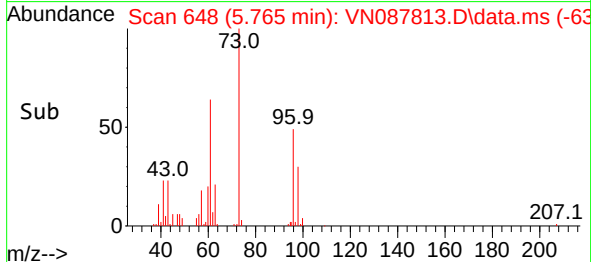
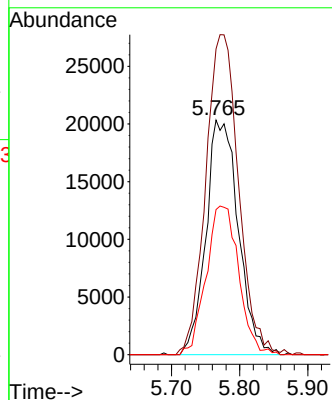
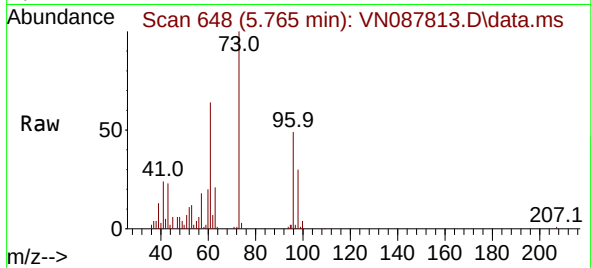




#19
trans-1,2-Dichloroethene
Concen: 17.920 ug/l
RT: 5.765 min Scan# 64
Delta R.T. -0.012 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

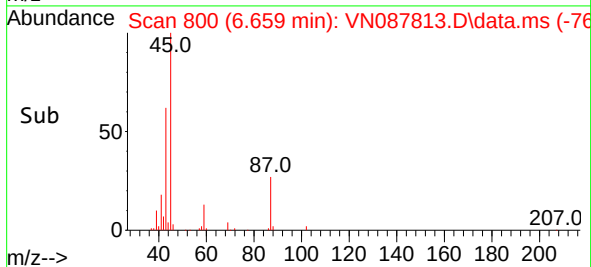
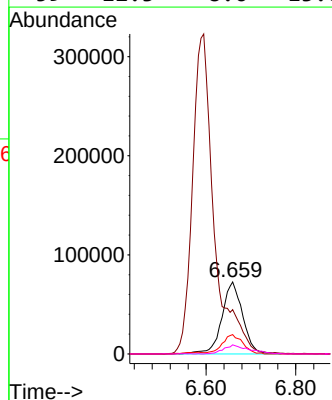
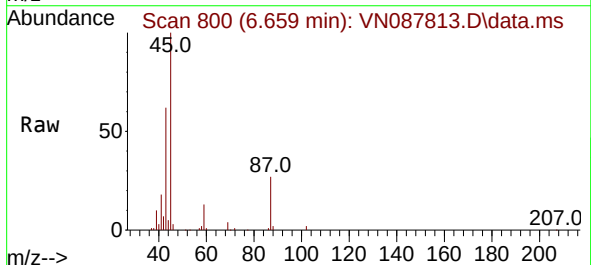
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

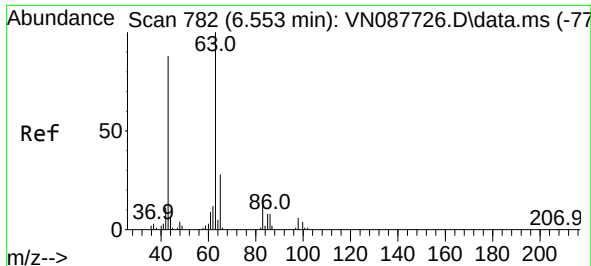
Tgt Ion: 96 Resp: 66922
Ion Ratio Lower Upper
96 100
61 129.4 106.4 159.6
98 61.8 48.9 73.3



#20
Diisopropyl ether
Concen: 16.972 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 45 Resp: 233418
Ion Ratio Lower Upper
45 100
43 60.5 49.5 74.3
87 26.8 18.8 28.2
59 12.3 8.6 13.0

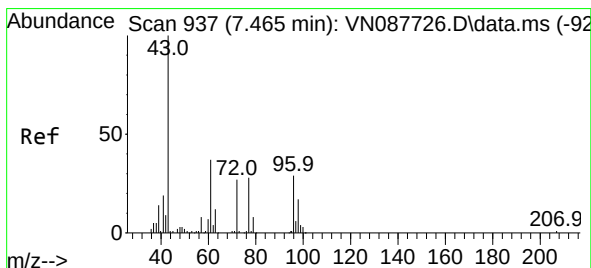
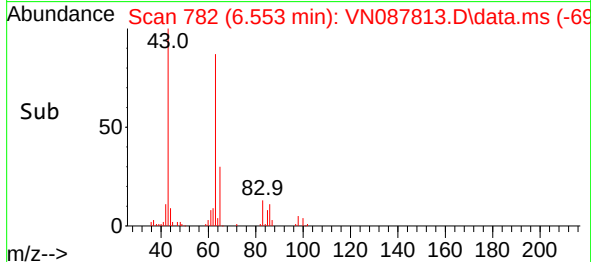
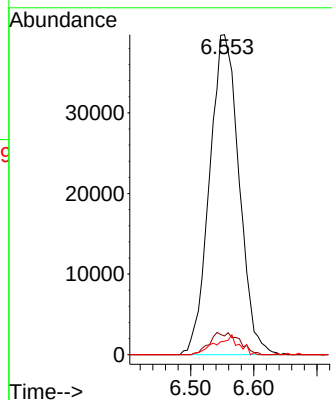
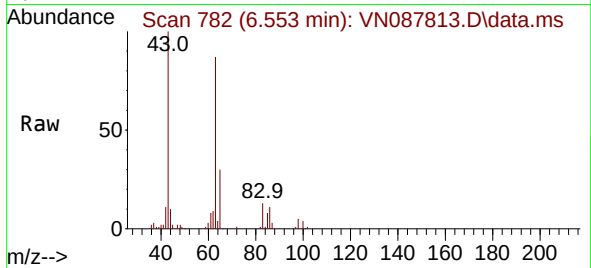




#21
1,1-Dichloroethane
Concen: 17.131 ug/l
RT: 6.553 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

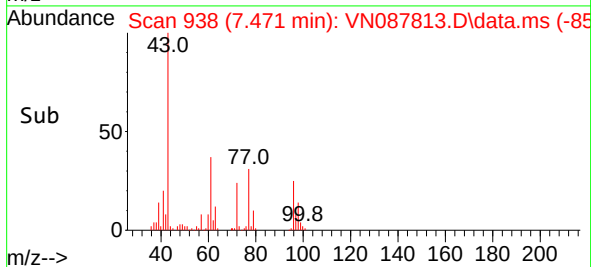
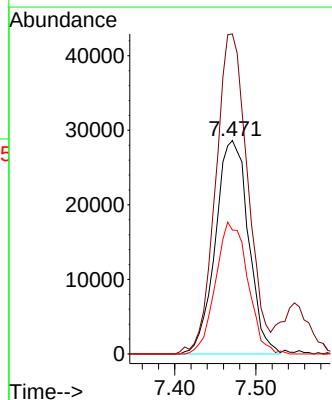
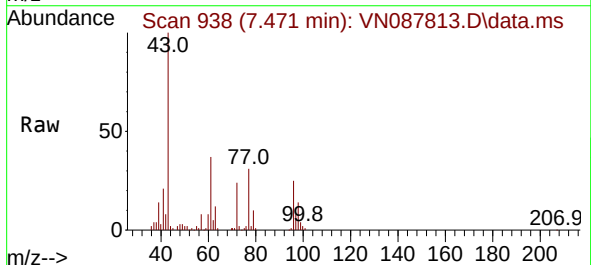
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

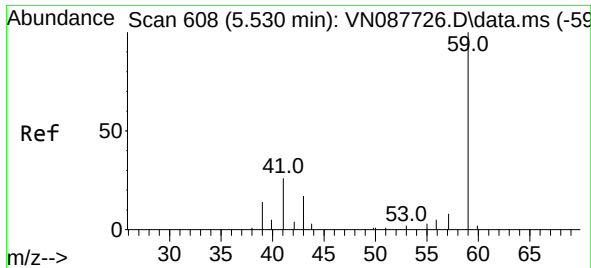
Tgt Ion: 63 Resp: 129018
Ion Ratio Lower Upper
63 100
98 5.9 2.9 8.8
100 4.2 1.8 5.3



#22
cis-1,2-Dichloroethene
Concen: 17.865 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 96 Resp: 80981
Ion Ratio Lower Upper
96 100
61 145.5 118.2 177.2
98 59.8 51.6 77.4

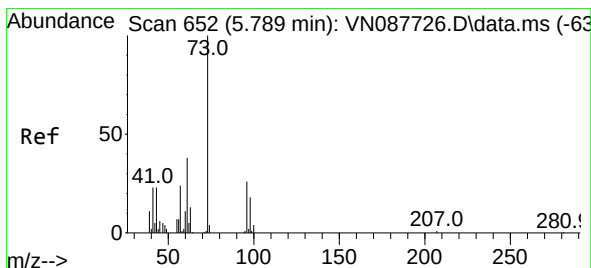
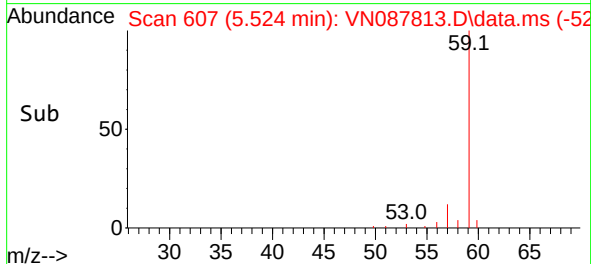
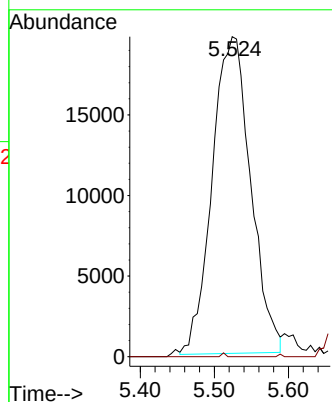
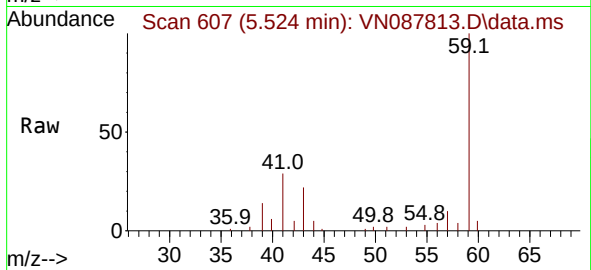




#23
tert-Butyl Alcohol
Concen: 82.627 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

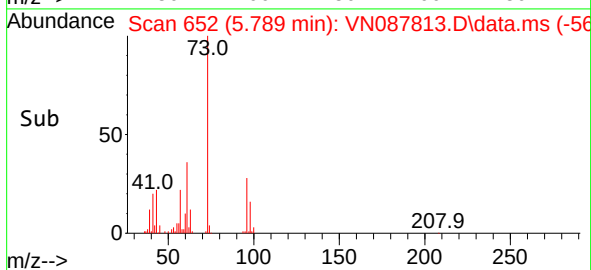
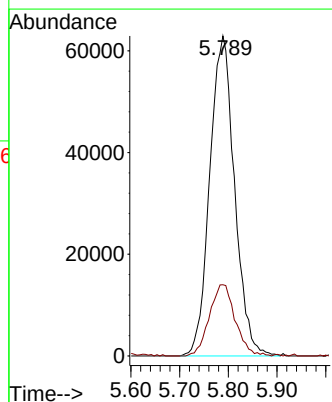
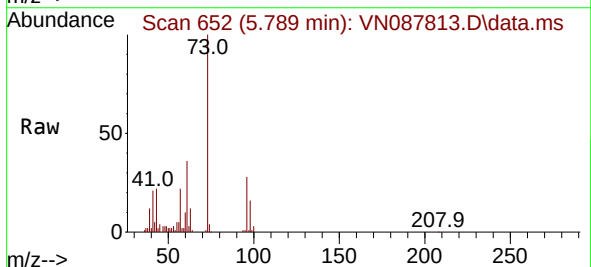
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

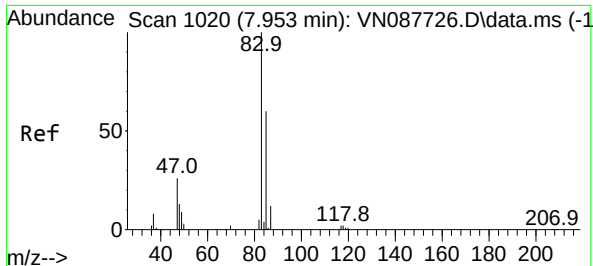
Tgt Ion: 59 Resp: 70963
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 17.024 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 73 Resp: 222545
Ion Ratio Lower Upper
73 100
43 23.2 16.8 25.2

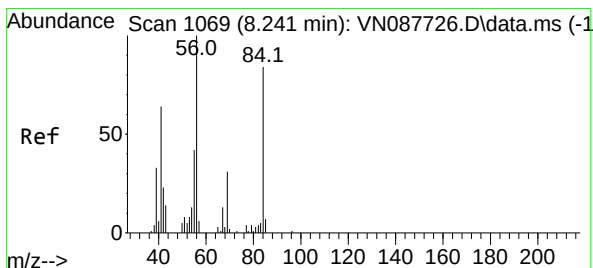
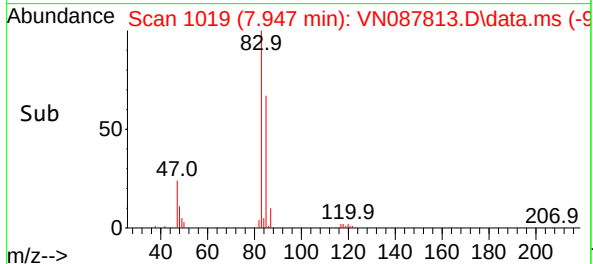
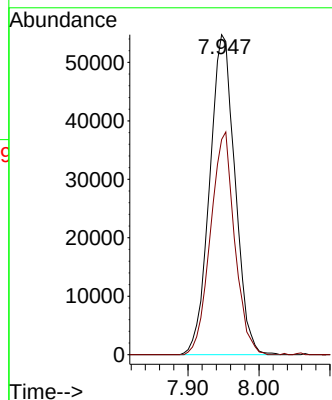
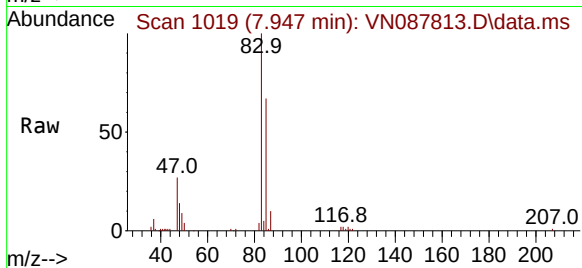




#25
Chloroform
Concen: 17.182 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

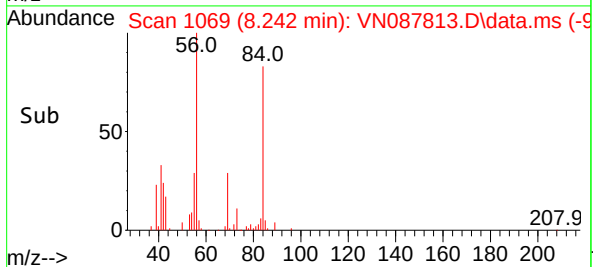
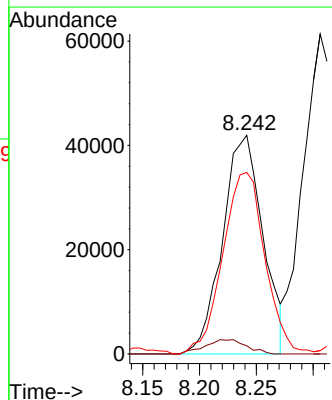
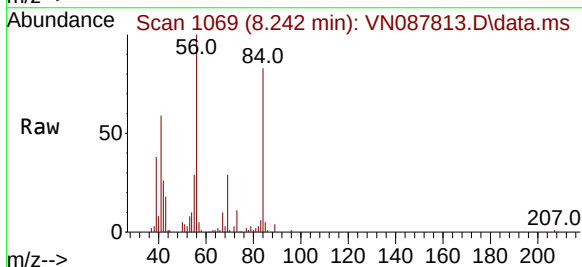
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

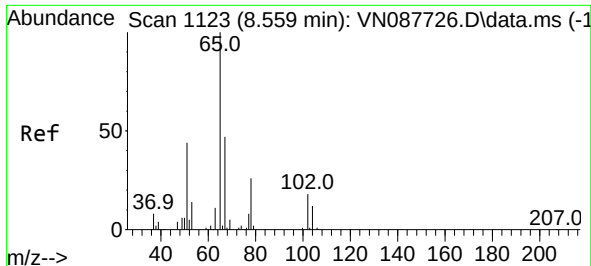
Tgt Ion: 83 Resp: 135454
Ion Ratio Lower Upper
83 100
85 67.3 47.7 71.5



#26
Cyclohexane
Concen: 18.065 ug/l
RT: 8.242 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 56 Resp: 103613
Ion Ratio Lower Upper
56 100
89 6.7 0.0 0.0#
84 86.8 69.4 104.2





#27

1,2-Dichloroethane-d4

Concen: 27.668 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087813.D

Acq: 12 Sep 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

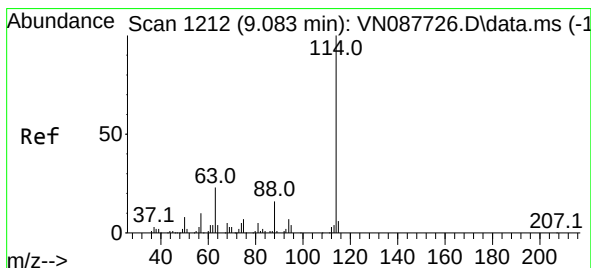
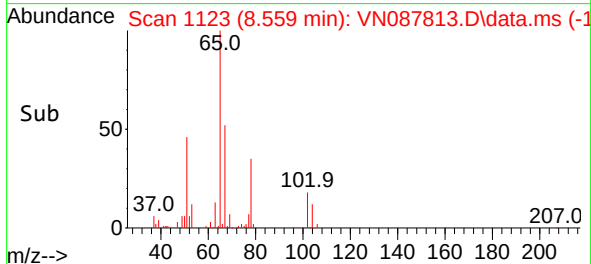
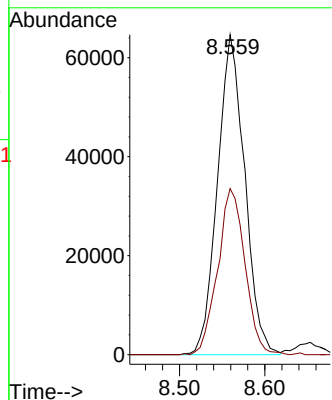
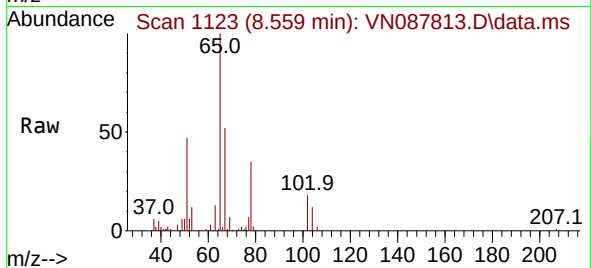
VN0912WBSD01

Tgt Ion: 65 Resp: 143354

Ion Ratio Lower Upper

65 100

67 51.9 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: VN087813.D

Acq: 12 Sep 2025 11:06

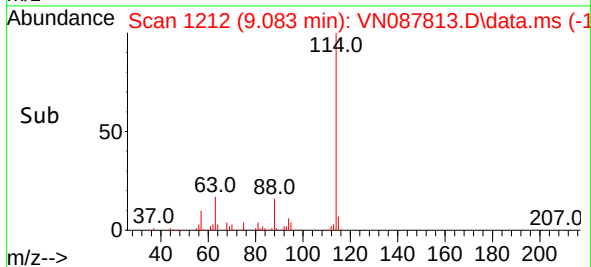
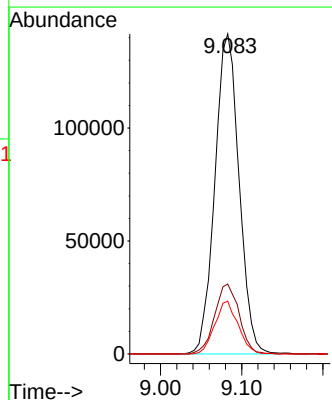
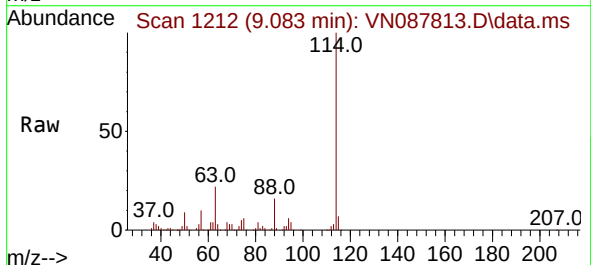
Tgt Ion: 114 Resp: 293305

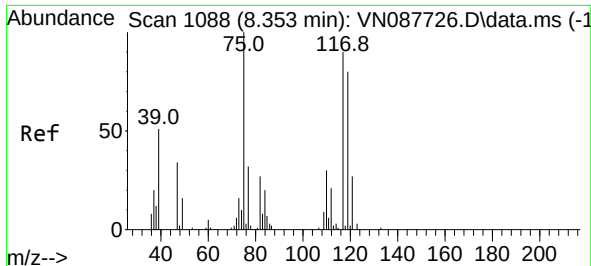
Ion Ratio Lower Upper

114 100

63 22.1 18.3 27.5

88 15.9 12.4 18.6

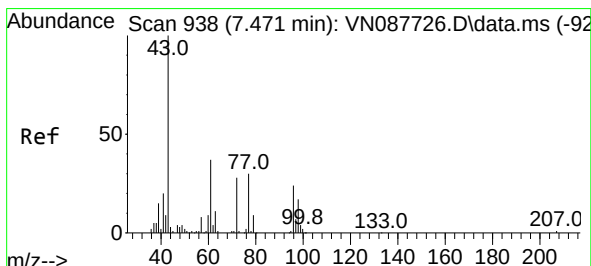
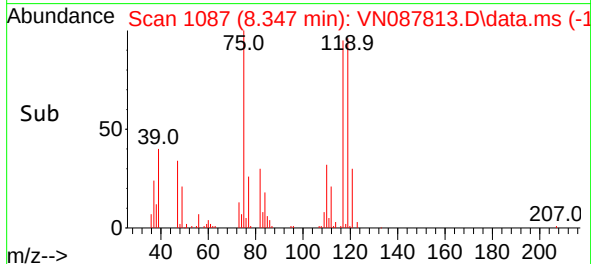
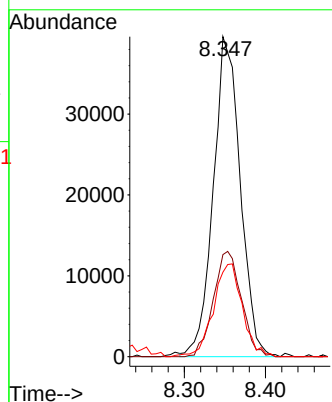
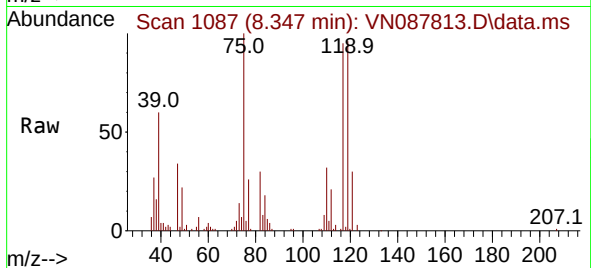




#29
1,1-Dichloropropene
Concen: 19.154 ug/l
RT: 8.347 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

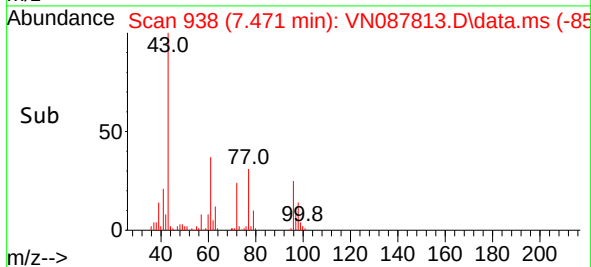
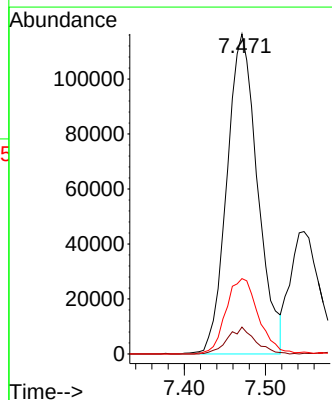
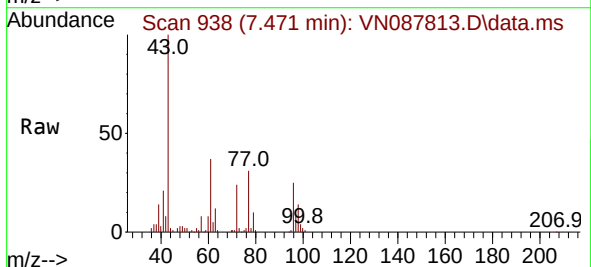
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

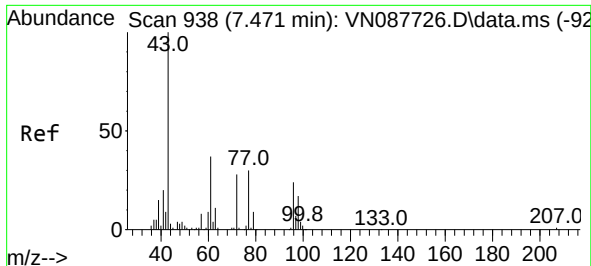
Tgt Ion: 75 Resp: 91303
Ion Ratio Lower Upper
75 100
110 34.0 0.0 64.4
77 31.1 0.0 62.2



#30
2-Butanone
Concen: 93.302 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 43 Resp: 306372
Ion Ratio Lower Upper
43 100
57 7.6 6.3 9.5
72 24.8 21.4 32.2

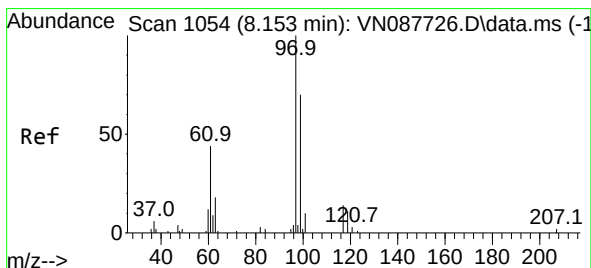
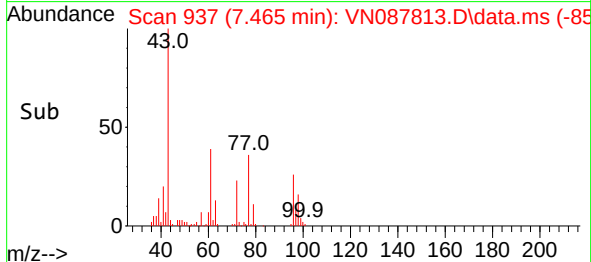
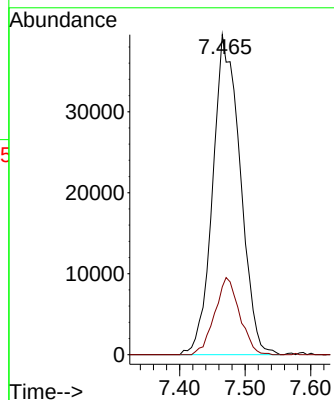
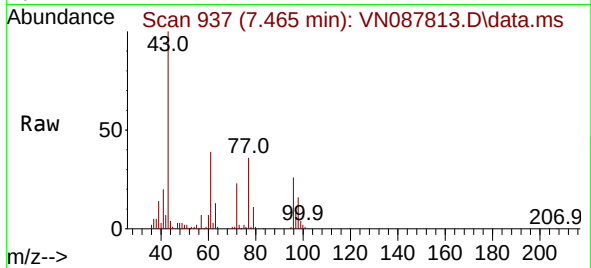




#31
2,2-Dichloropropane
Concen: 20.025 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

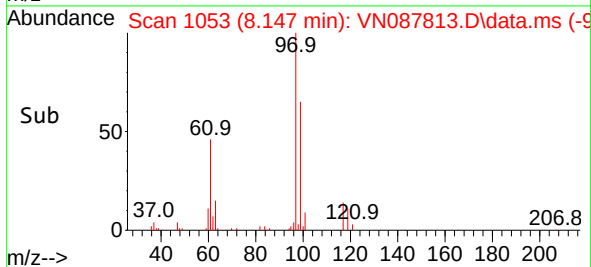
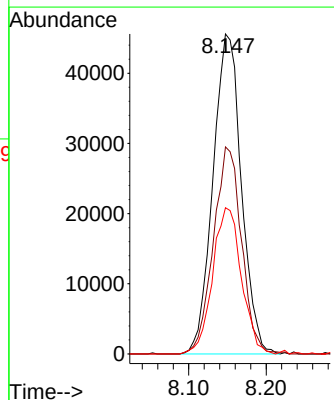
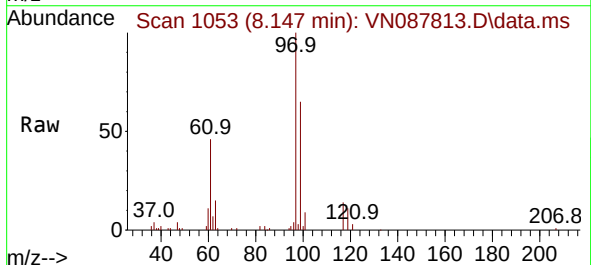
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

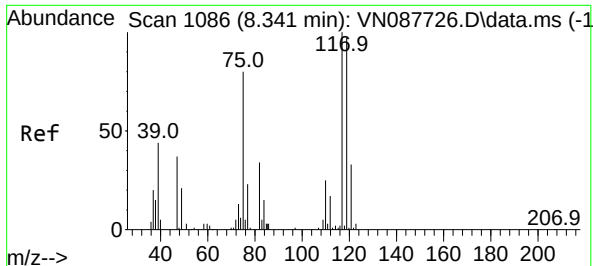
Tgt Ion: 77 Resp: 115065
Ion Ratio Lower Upper
77 100
97 21.7 17.1 25.7



#32
1,1,1-Trichloroethane
Concen: 19.253 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 97 Resp: 116352
Ion Ratio Lower Upper
97 100
99 63.8 52.2 78.4
61 46.3 37.9 56.9

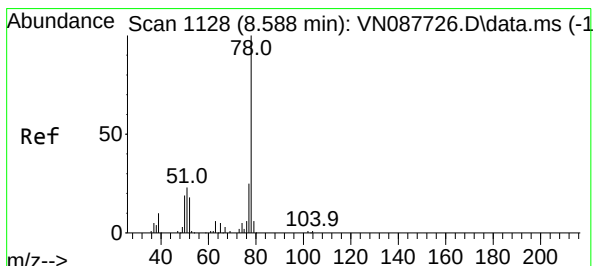
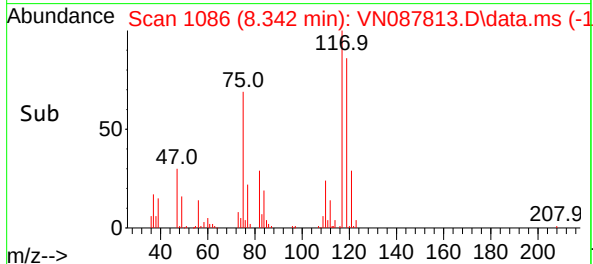
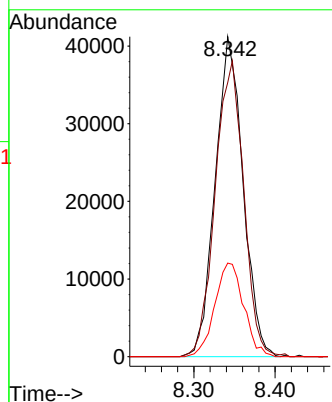
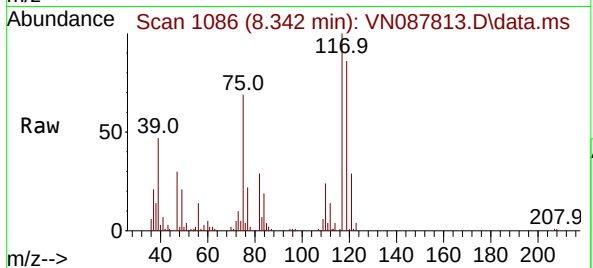




#33
Carbon Tetrachloride
Concen: 19.485 ug/l
RT: 8.342 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

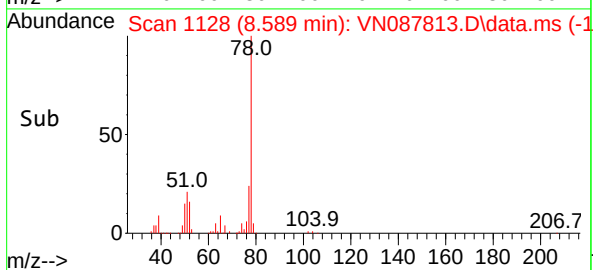
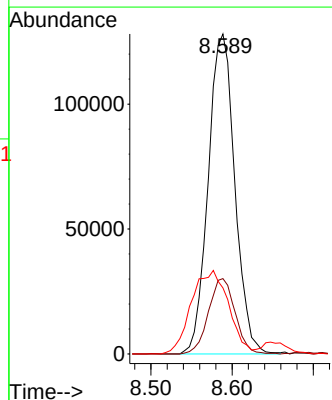
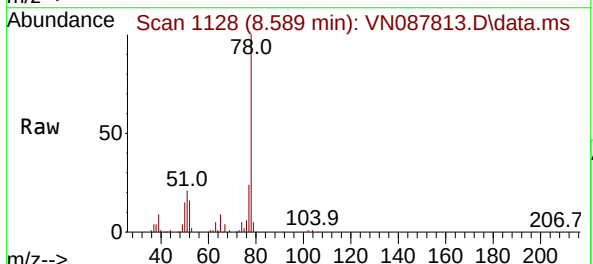
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

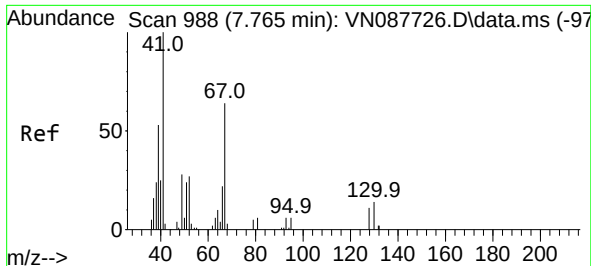
Tgt Ion:117 Resp: 98183
Ion Ratio Lower Upper
117 100
119 85.7 77.3 115.9
121 29.2 26.6 39.8



#34
Benzene
Concen: 18.968 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 78 Resp: 292219
Ion Ratio Lower Upper
78 100
77 23.5 20.3 30.5
51 17.2 18.0 27.0#

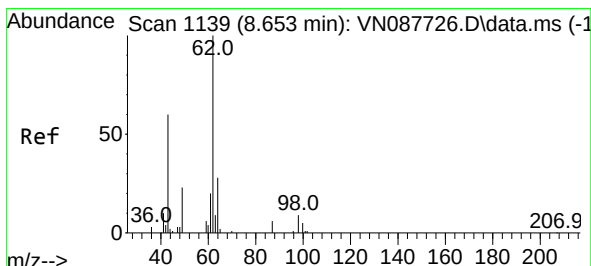
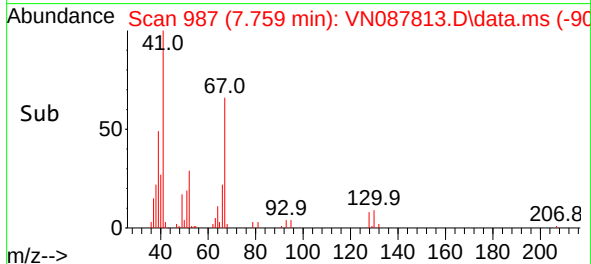
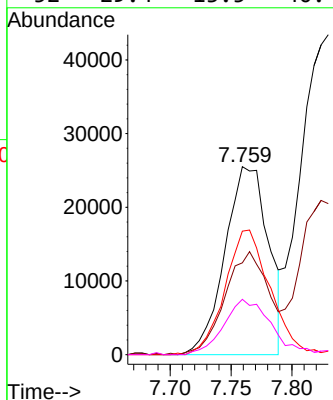
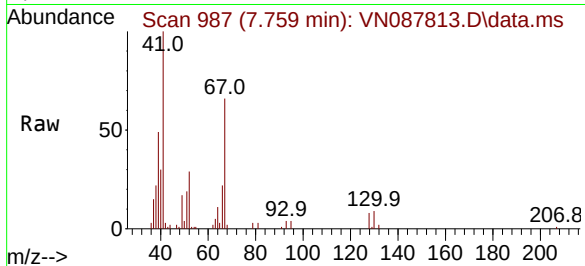




#35
Methacrylonitrile
Concen: 18.523 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

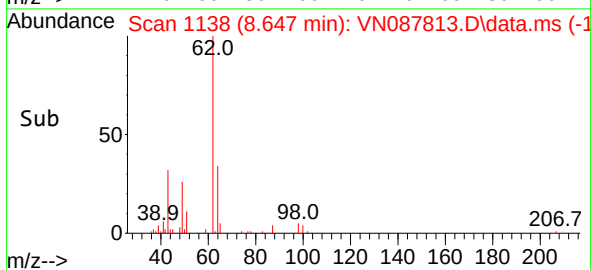
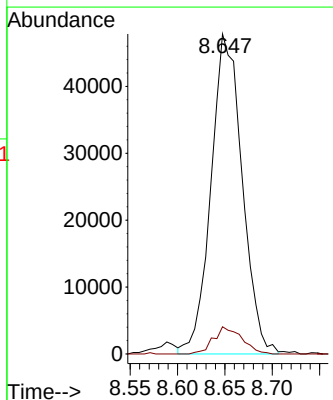
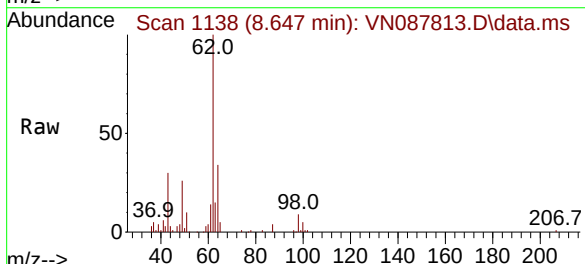
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

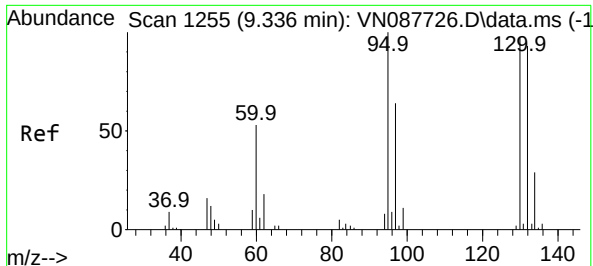
Tgt Ion:	41	Resp:	63619
Ion	Ratio	Lower	Upper
41	100		
39	48.9	27.1	81.2
67	64.8	32.1	96.5
52	29.4	13.5	40.4



#36
1,2-Dichloroethane
Concen: 18.794 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion:	62	Resp:	109367
Ion	Ratio	Lower	Upper
62	100		
98	7.7	7.2	10.8

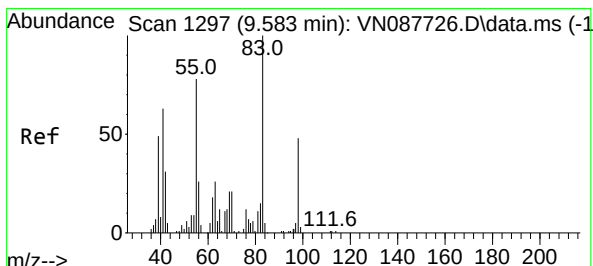
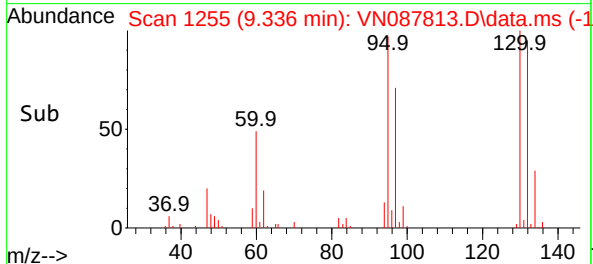
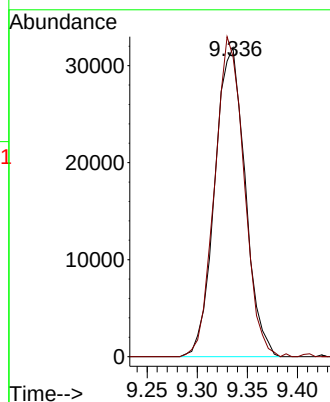
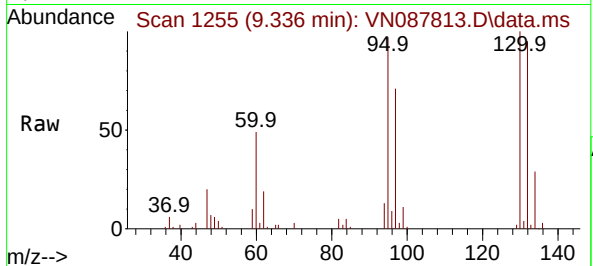




#37
Trichloroethene
Concen: 19.520 ug/l
RT: 9.336 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

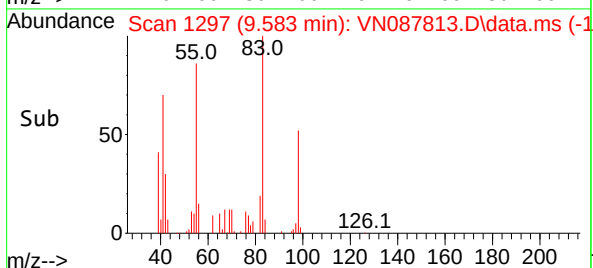
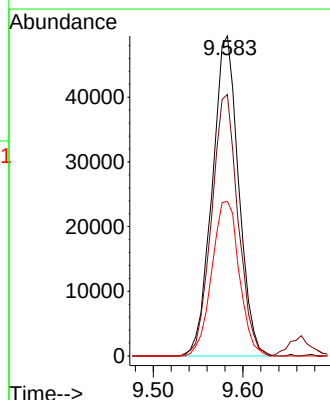
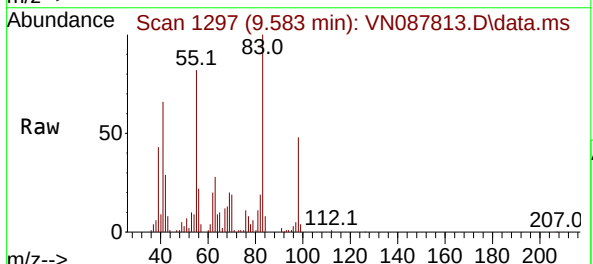
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

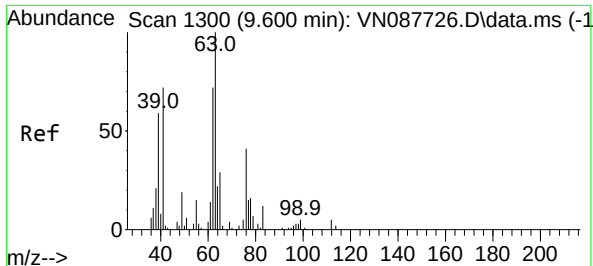
Tgt Ion:130 Resp: 67222
Ion Ratio Lower Upper
130 100
95 97.2 82.7 124.1



#38
Methylcyclohexane
Concen: 19.241 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 83 Resp: 100988
Ion Ratio Lower Upper
83 100
55 81.9 40.4 121.1
98 50.2 24.0 72.0





#39

1,2-Dichloropropane

Concen: 19.324 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087813.D

Acq: 12 Sep 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

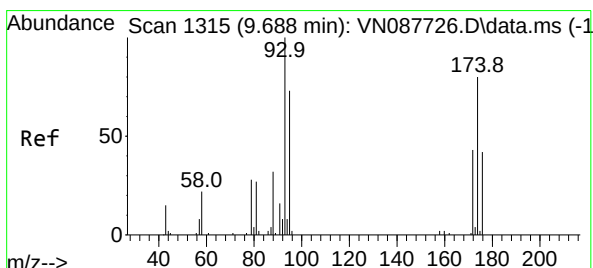
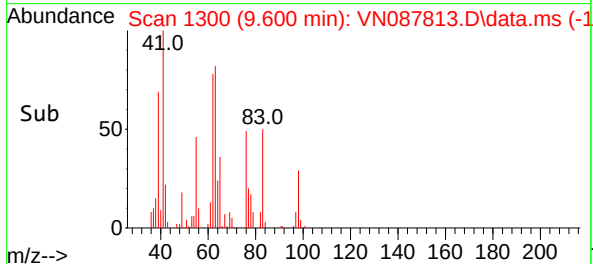
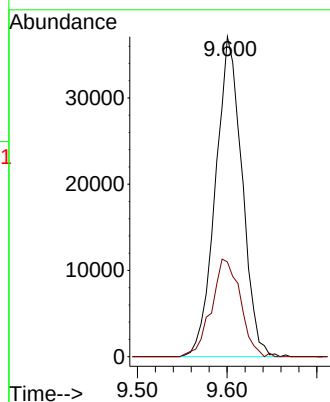
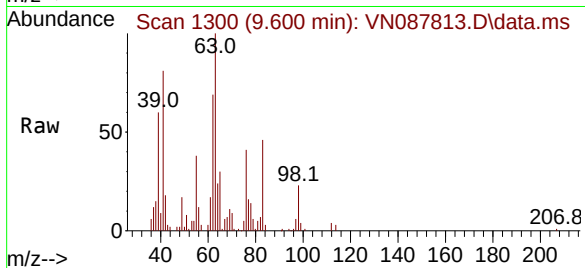
VN0912WBSD01

Tgt Ion: 63 Resp: 76246

Ion Ratio Lower Upper

63 100

65 29.6 24.1 36.1



#40

Dibromomethane

Concen: 18.631 ug/l

RT: 9.689 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087813.D

Acq: 12 Sep 2025 11:06

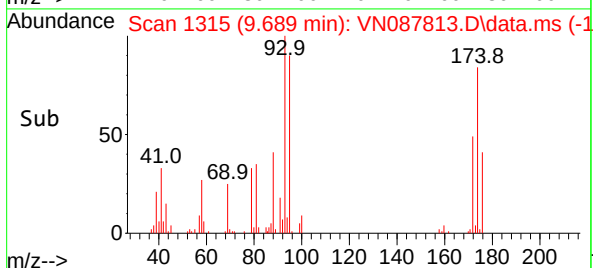
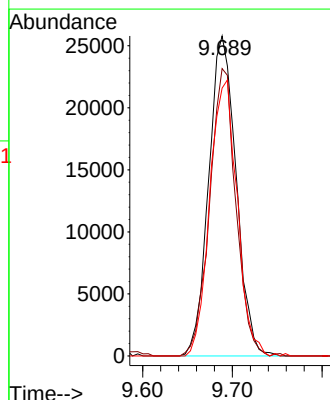
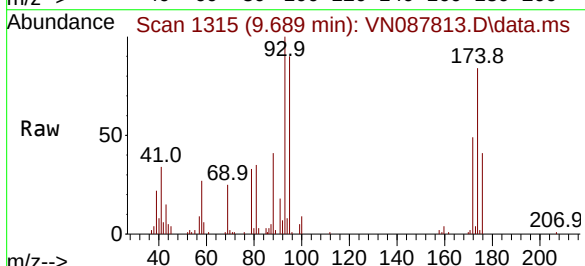
Tgt Ion: 93 Resp: 54707

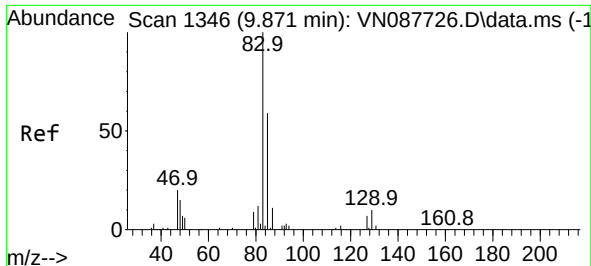
Ion Ratio Lower Upper

93 100

95 85.8 0.0 168.4

174 86.1 0.0 162.8

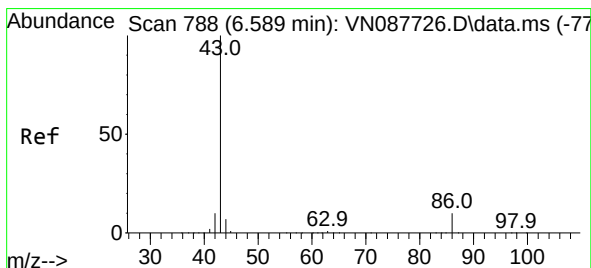
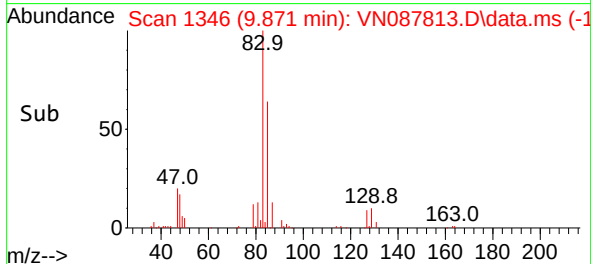
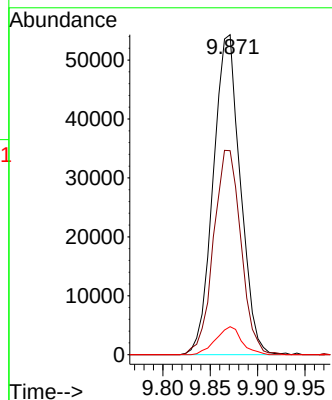
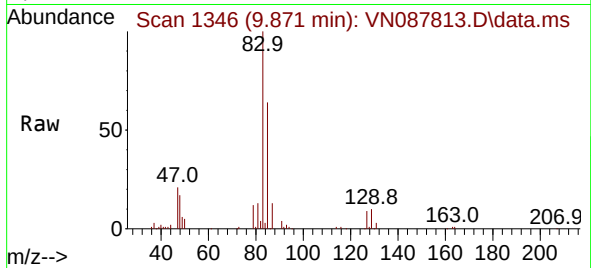




#41
Bromodichloromethane
Concen: 17.987 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

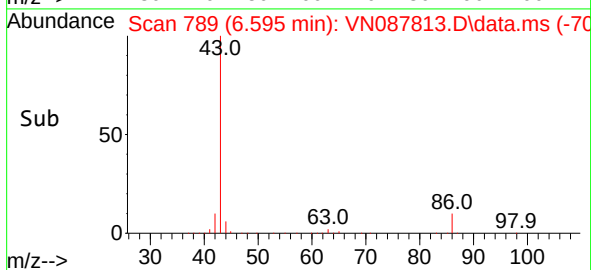
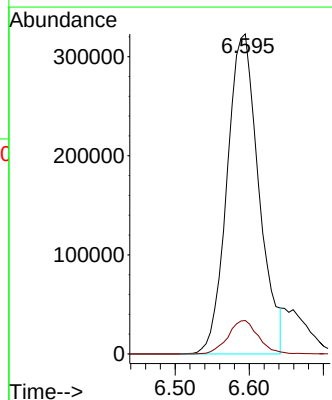
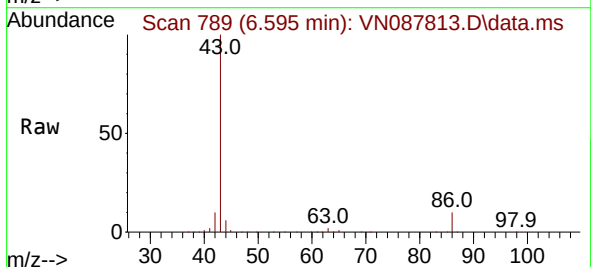
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

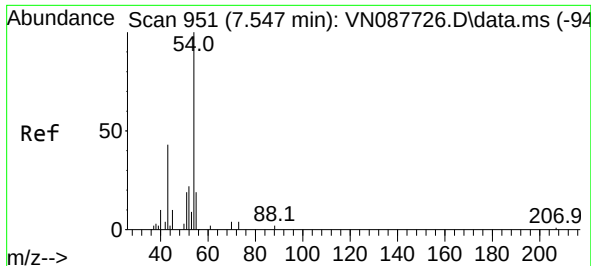
Tgt Ion: 83 Resp: 107952
Ion Ratio Lower Upper
83 100
85 63.8 47.3 70.9
127 8.7 5.2 7.8#



#42
Vinyl Acetate
Concen: 87.715 ug/l
RT: 6.595 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 43 Resp: 962355
Ion Ratio Lower Upper
43 100
86 10.0 7.7 11.5

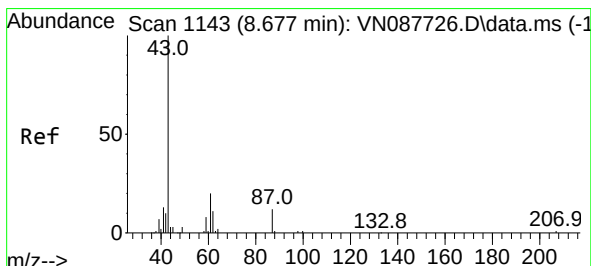
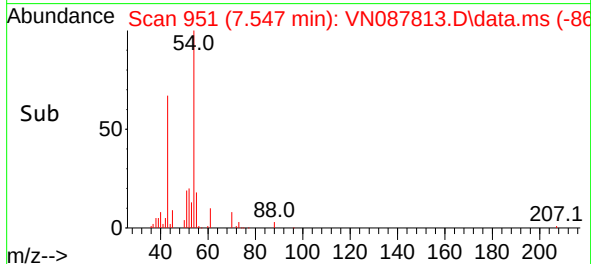
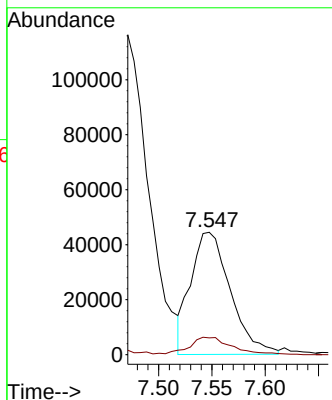
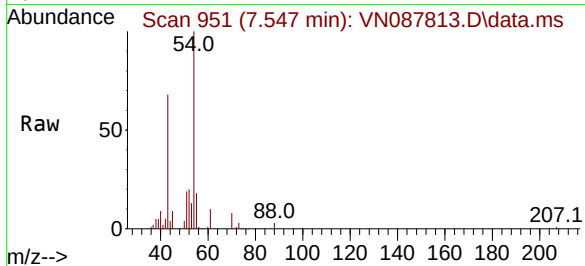




#43
Ethyl Acetate
Concen: 17.114 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

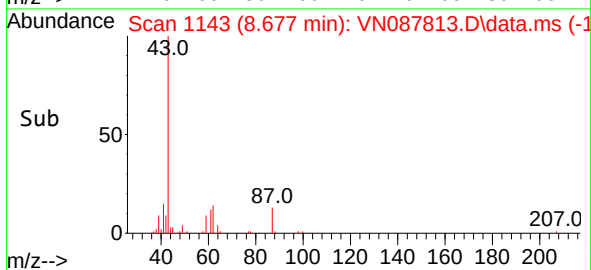
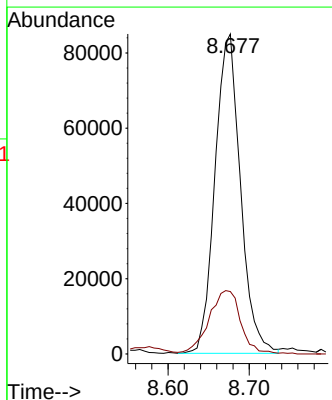
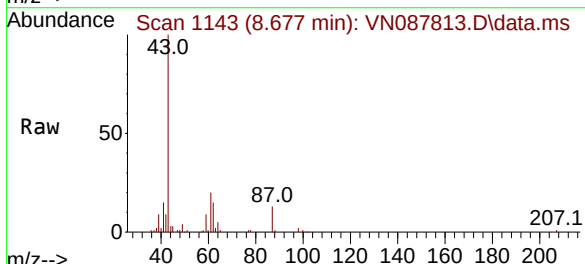
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

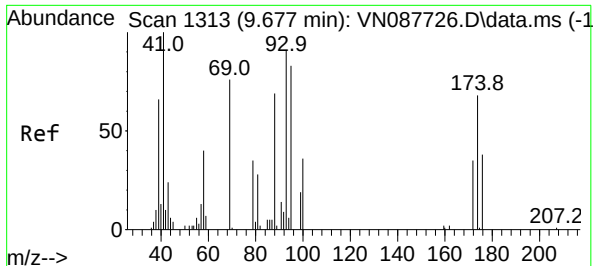
Tgt Ion: 43 Resp: 114815
Ion Ratio Lower Upper
43 100
45 15.3 10.5 15.7



#44
Isopropyl Acetate
Concen: 17.579 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 43 Resp: 184887
Ion Ratio Lower Upper
43 100
61 23.2 19.5 29.3

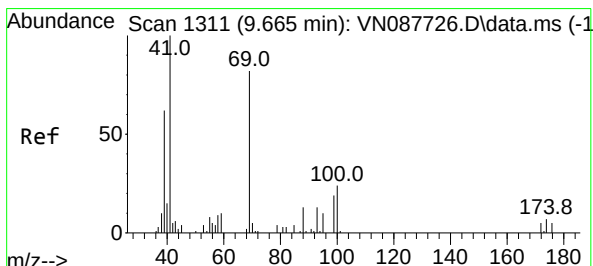
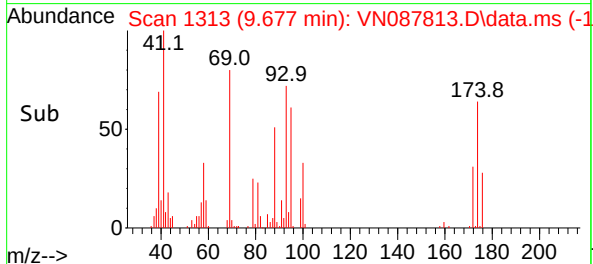
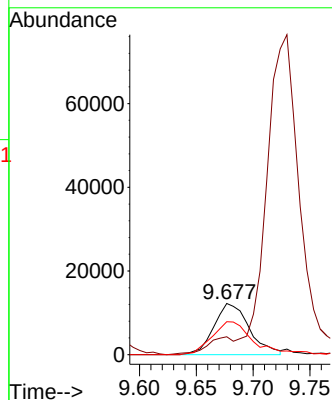
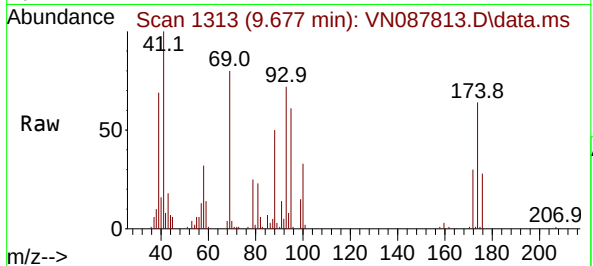




#45
1,4-Dioxane
Concen: 400.115 ug/l
RT: 9.677 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

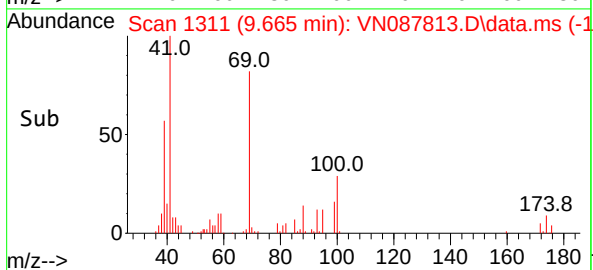
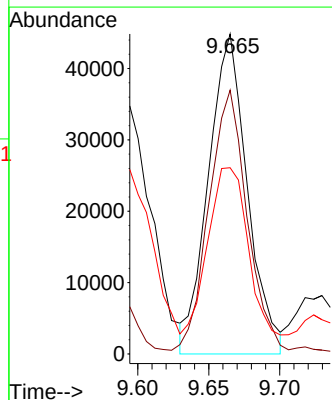
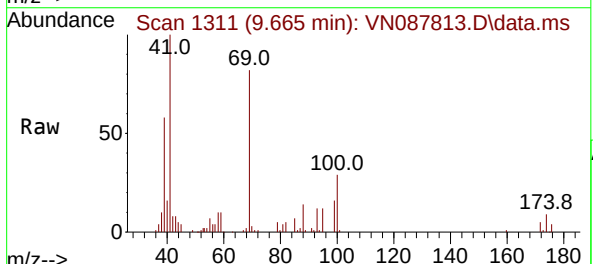
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

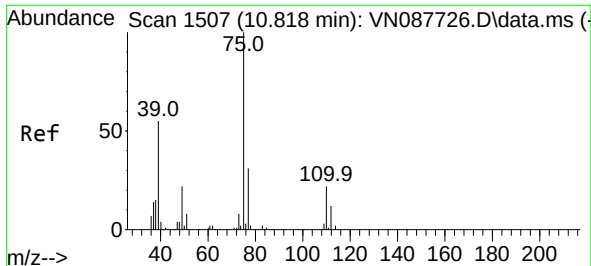
Tgt Ion: 88 Resp: 26538
Ion Ratio Lower Upper
88 100
43 25.9 23.6 35.4
58 73.0 60.5 90.7



#46
Methyl methacrylate
Concen: 17.645 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 41 Resp: 85538
Ion Ratio Lower Upper
41 100
69 85.4 40.3 120.9
39 56.1 31.9 95.9

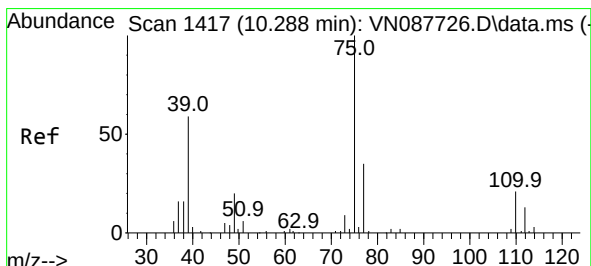
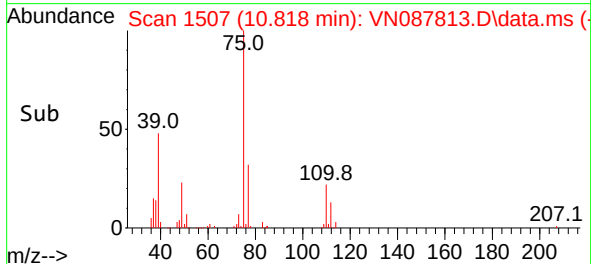
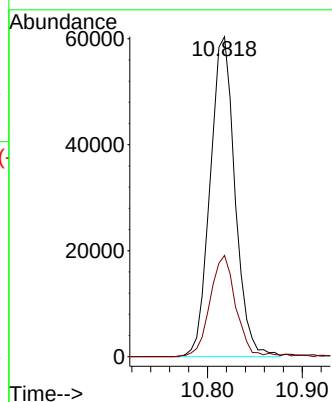
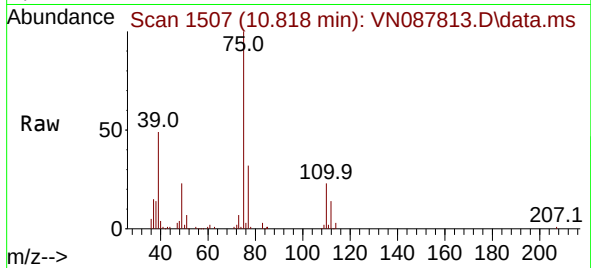




#48
 t-1,3-Dichloropropene
 Concen: 17.661 ug/l
 RT: 10.818 min Scan# 1507
 Delta R.T. 0.000 min
 Lab File: VN087813.D
 Acq: 12 Sep 2025 11:06

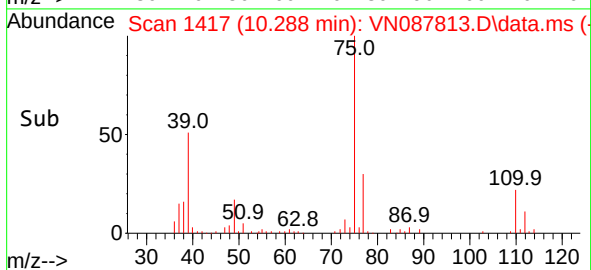
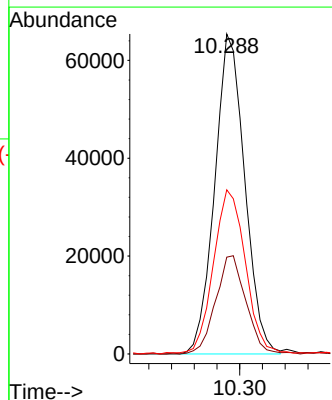
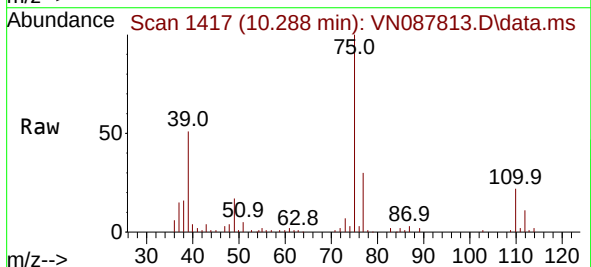
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

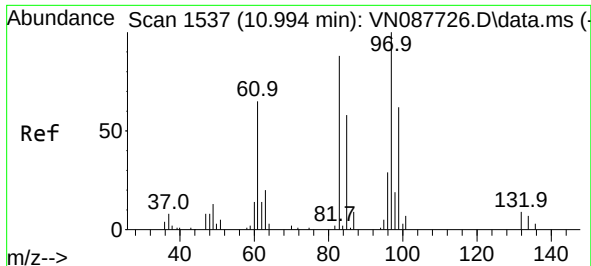
Tgt Ion: 75 Resp: 110087
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.7 37.1



#49
 cis-1,3-Dichloropropene
 Concen: 18.784 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VN087813.D
 Acq: 12 Sep 2025 11:06

Tgt Ion: 75 Resp: 119926
 Ion Ratio Lower Upper
 75 100
 77 30.3 27.8 41.6
 39 50.9 47.6 71.4

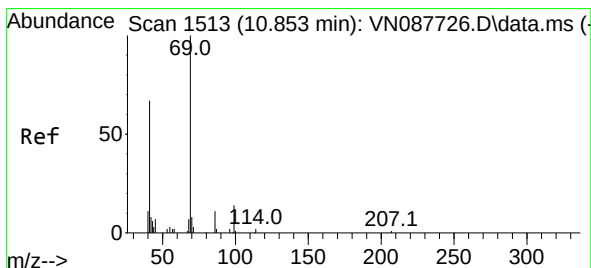
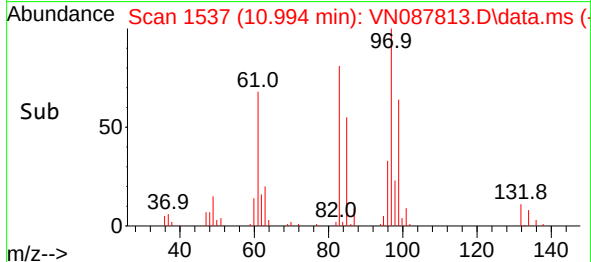
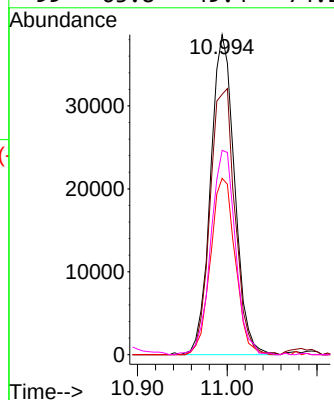
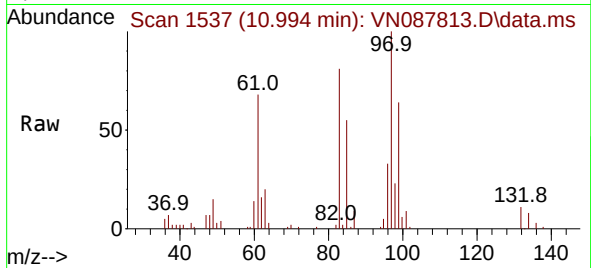




#50
1,1,2-Trichloroethane
Concen: 18.878 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

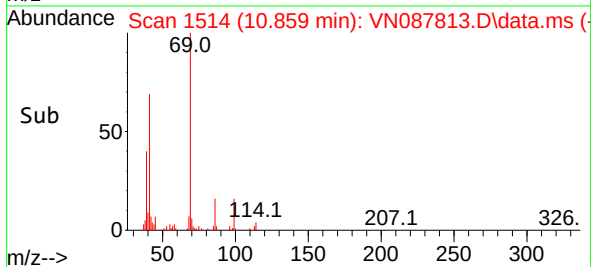
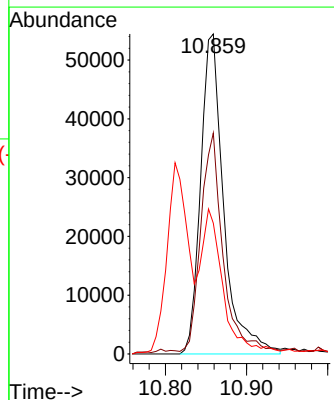
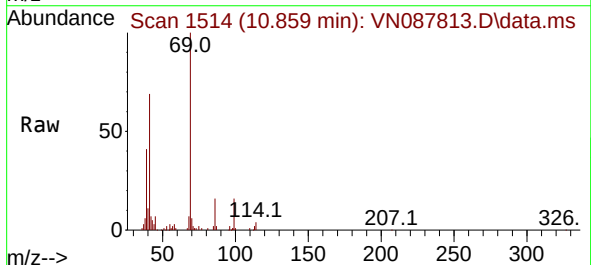
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

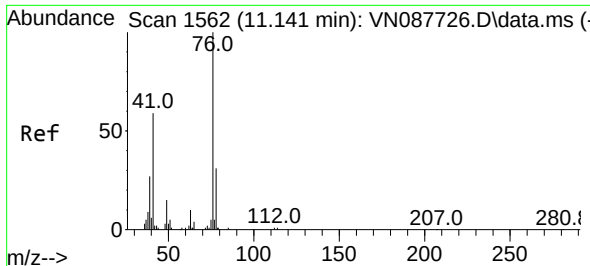
Tgt Ion:	97	Resp:	71598
Ion	Ratio	Lower	Upper
97	100		
83	81.4	70.5	105.7
85	55.1	46.3	69.5
99	63.8	49.4	74.2



#51
Ethyl methacrylate
Concen: 18.270 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion:	69	Resp:	107837
Ion	Ratio	Lower	Upper
69	100		
41	68.3	33.7	101.0
39	40.0	20.3	60.9

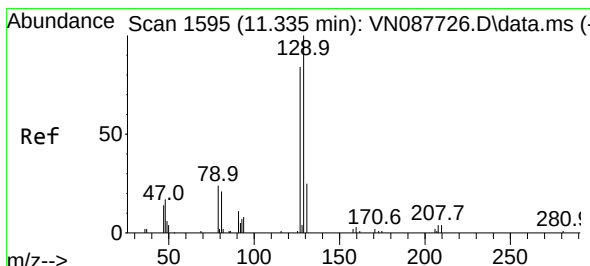
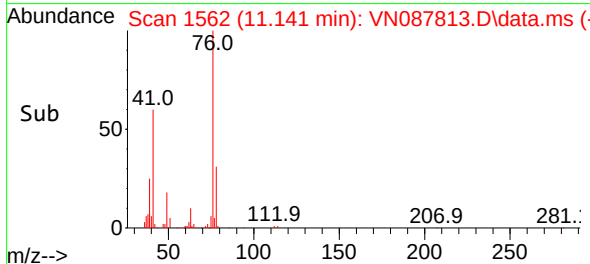
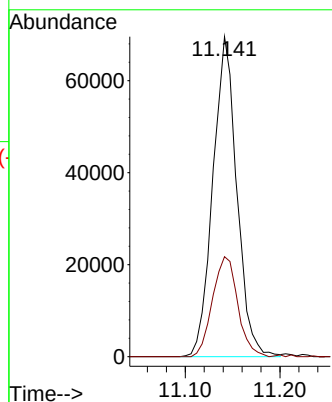
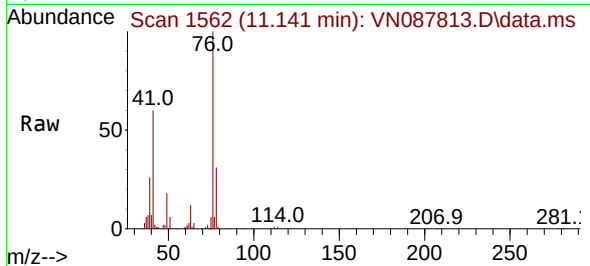




#52
1,3-Dichloropropane
Concen: 18.583 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

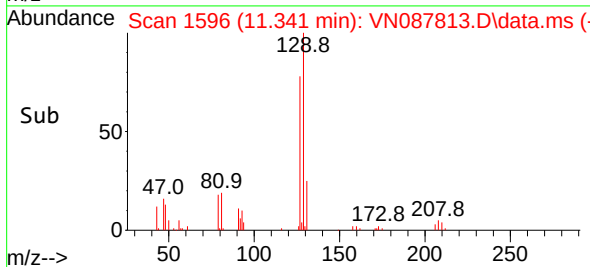
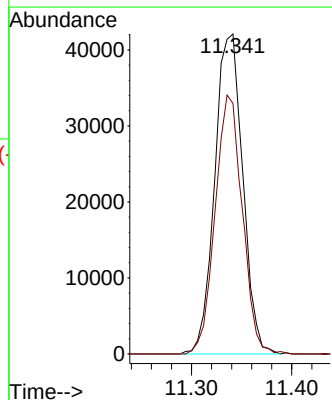
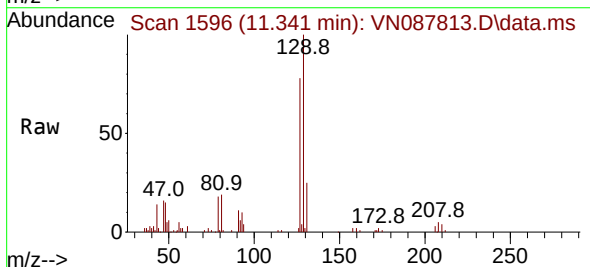
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

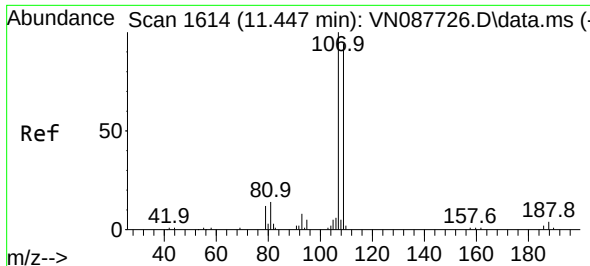
Tgt Ion: 76 Resp: 122386
Ion Ratio Lower Upper
76 100
78 32.8 0.0 65.2



#53
Dibromochloromethane
Concen: 19.211 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 129 Resp: 81694
Ion Ratio Lower Upper
129 100
127 78.3 42.6 128.0

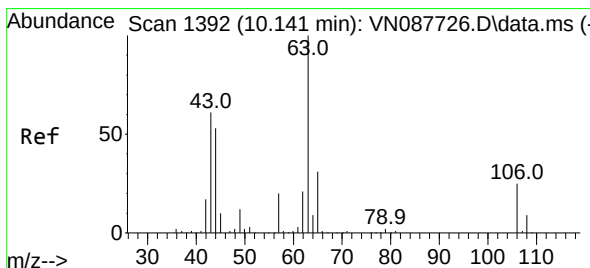
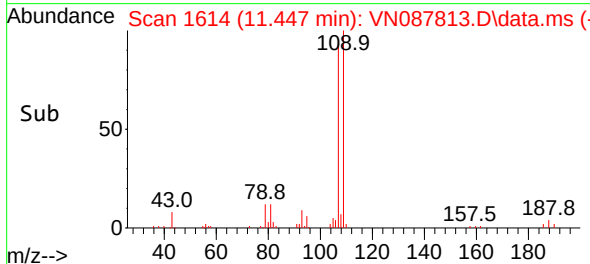
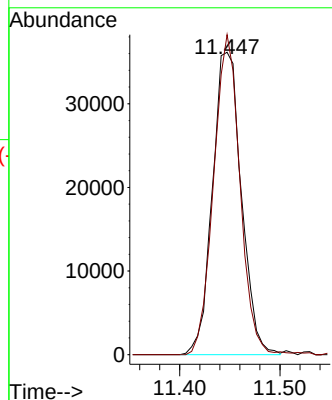
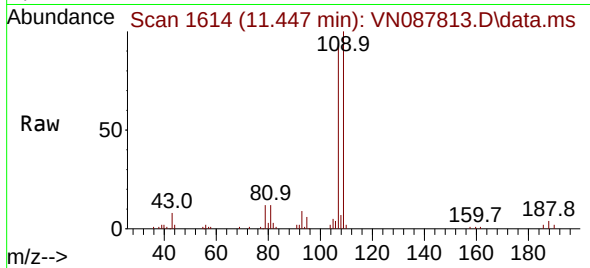




#54
1,2-Dibromoethane
Concen: 18.328 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

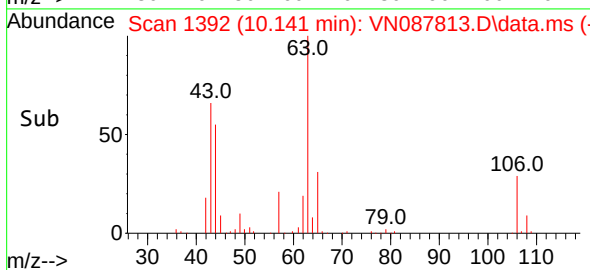
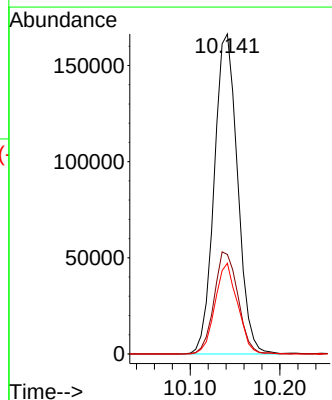
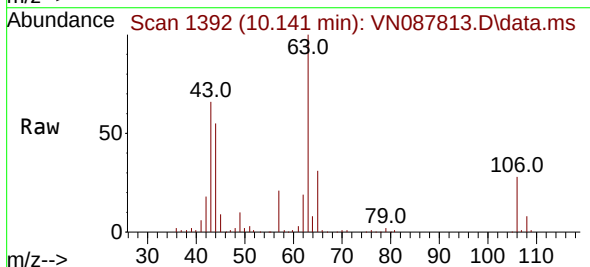
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

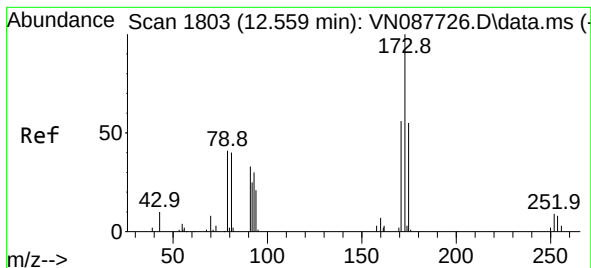
Tgt Ion:107 Resp: 72329
Ion Ratio Lower Upper
107 100
109 95.8 74.6 112.0



#55
2-Chloroethyl vinyl ether
Concen: 88.953 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 63 Resp: 300818
Ion Ratio Lower Upper
63 100
65 32.6 26.6 40.0
106 27.3 21.1 31.7





#56

Bromoform

Concen: 18.470 ug/l

RT: 12.559 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087813.D

Acq: 12 Sep 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

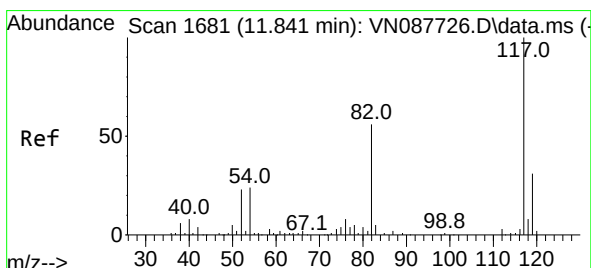
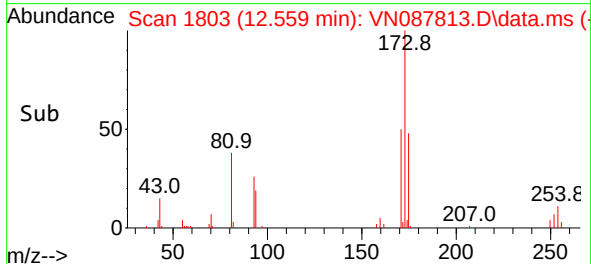
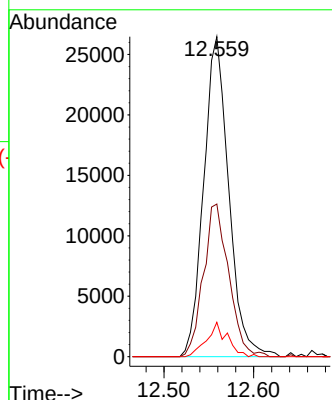
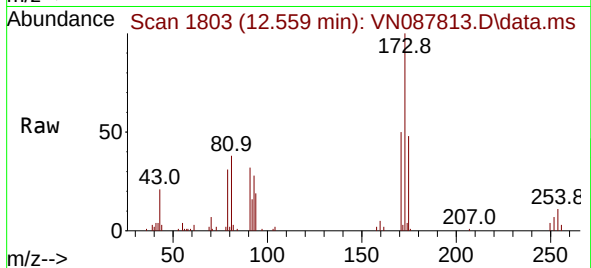
Tgt Ion:173 Resp: 51291

Ion Ratio Lower Upper

173 100

175 47.9 39.8 59.6

254 8.7 6.2 9.4



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.847 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VN087813.D

Acq: 12 Sep 2025 11:06

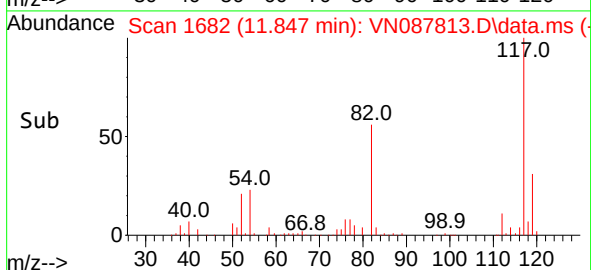
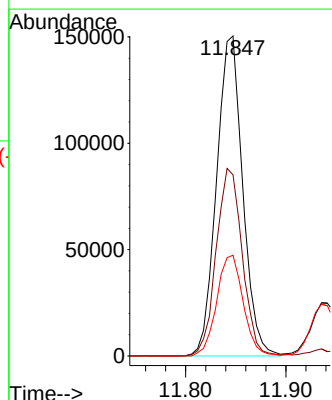
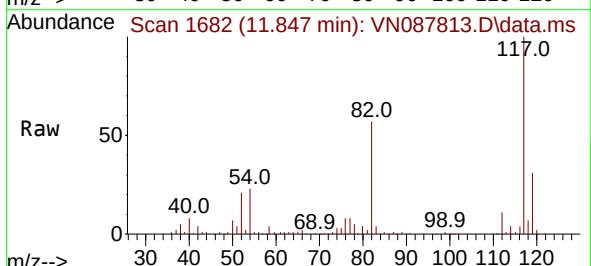
Tgt Ion:117 Resp: 272699

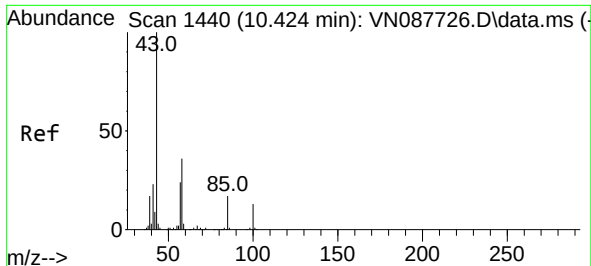
Ion Ratio Lower Upper

117 100

82 58.4 45.9 68.9

119 31.8 25.3 37.9

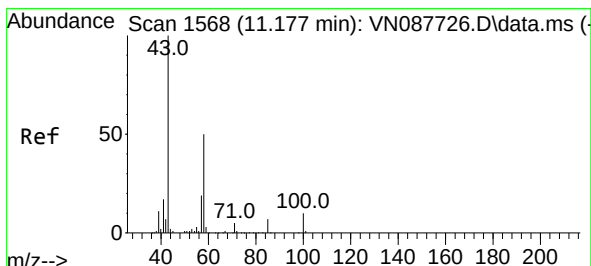
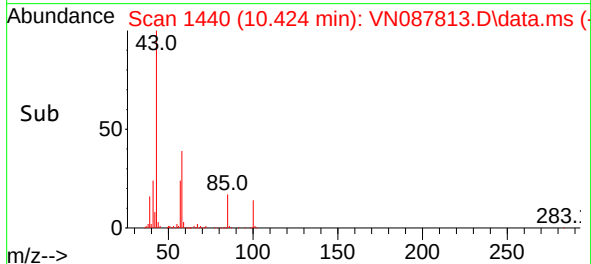
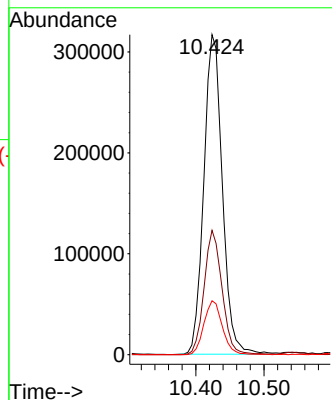
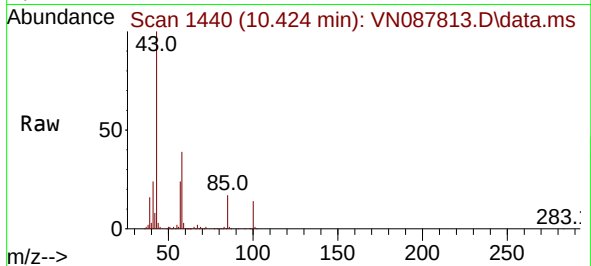




#58
4-Methyl-2-Pentanone
Concen: 92.979 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

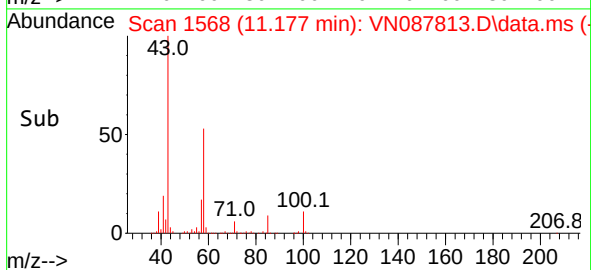
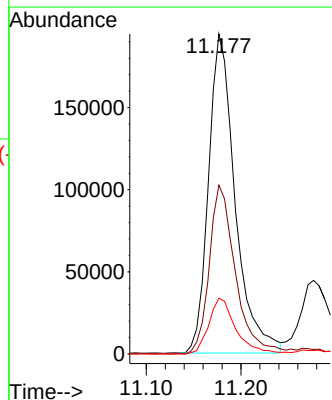
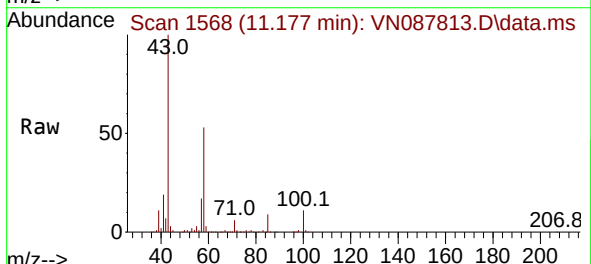
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

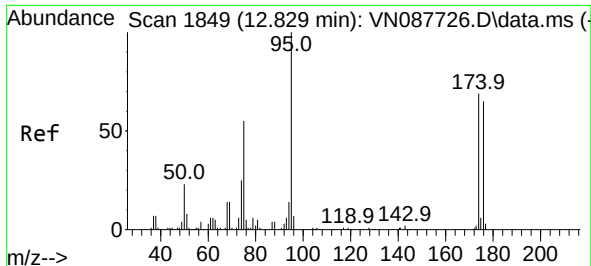
Tgt Ion:	43	Resp:	599526
Ion	Ratio	Lower	Upper
43	100		
58	37.7	29.6	44.4
85	16.8	13.0	19.4



#59
2-Hexanone
Concen: 90.154 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion:	43	Resp:	379850
Ion	Ratio	Lower	Upper
43	100		
58	51.9	40.2	60.4
57	17.9	13.7	20.5

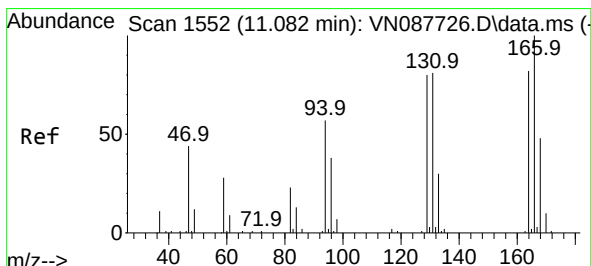
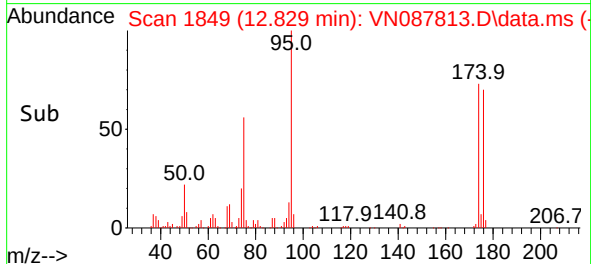
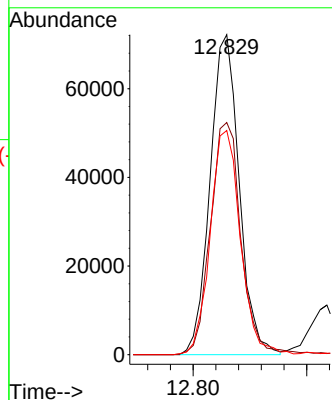
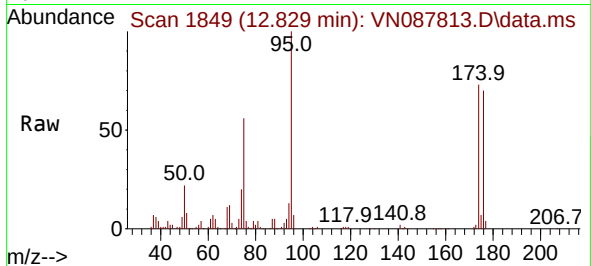




#60
4-Bromofluorobenzene
Concen: 29.333 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

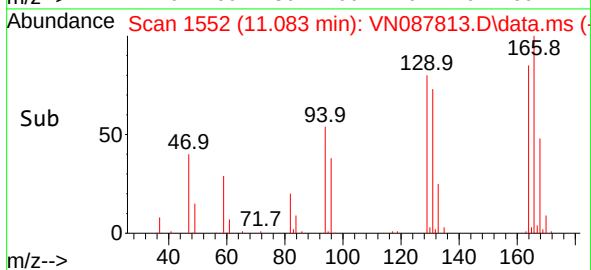
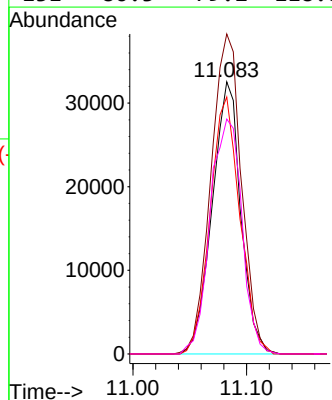
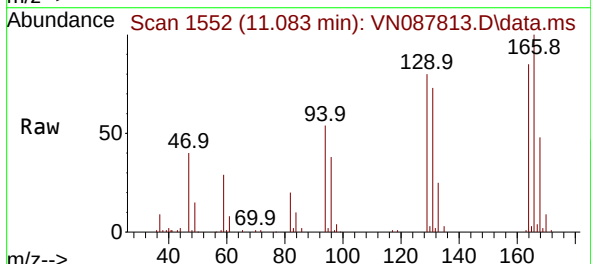
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

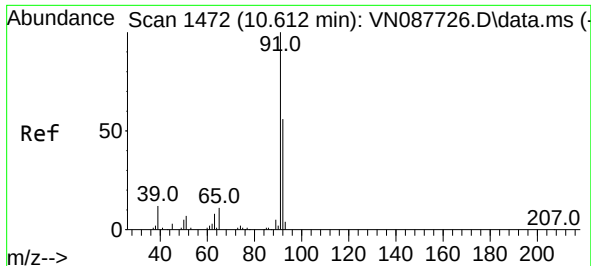
Tgt Ion: 95 Resp: 128618
Ion Ratio Lower Upper
95 100
174 76.4 55.4 83.0
176 72.5 51.5 77.3



#61
Tetrachloroethene
Concen: 21.000 ug/l
RT: 11.083 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion:164 Resp: 57018
Ion Ratio Lower Upper
164 100
166 117.6 97.3 145.9
129 94.4 78.6 117.8
131 86.3 79.2 118.8

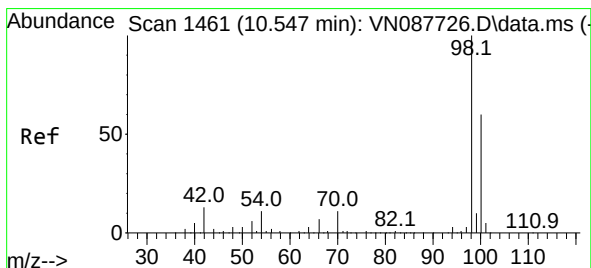
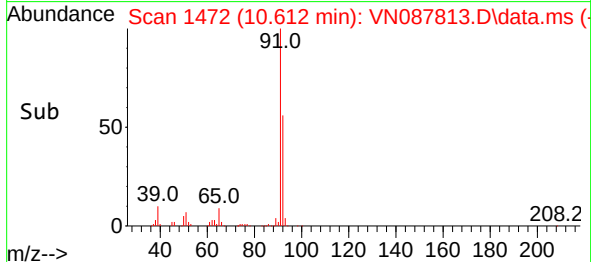
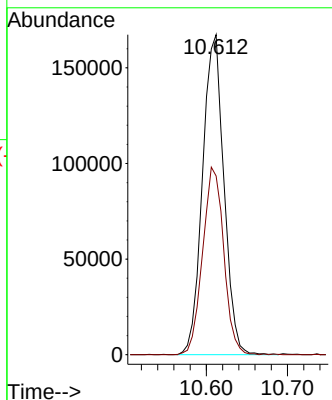
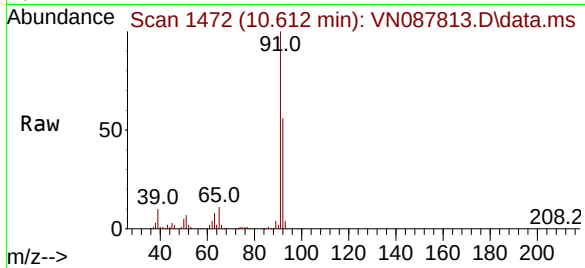




#62
Toluene
Concen: 18.563 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

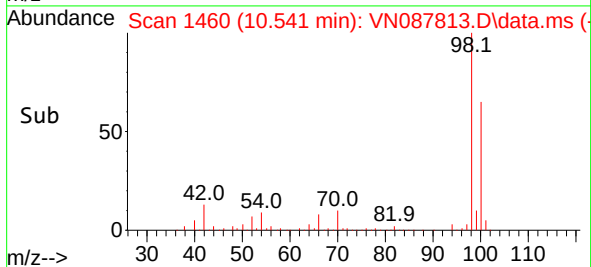
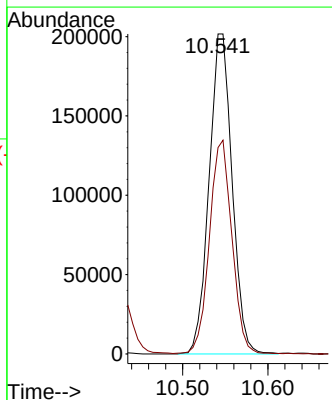
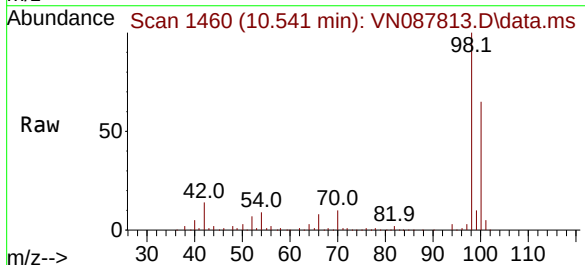
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

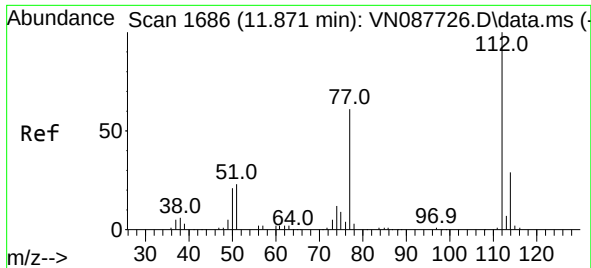
Tgt Ion: 91 Resp: 306195
Ion Ratio Lower Upper
91 100
92 57.8 45.4 68.0



#63
Toluene-d8
Concen: 29.850 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 98 Resp: 378556
Ion Ratio Lower Upper
98 100
100 65.4 50.6 76.0

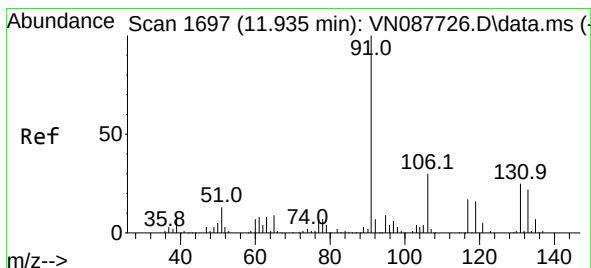
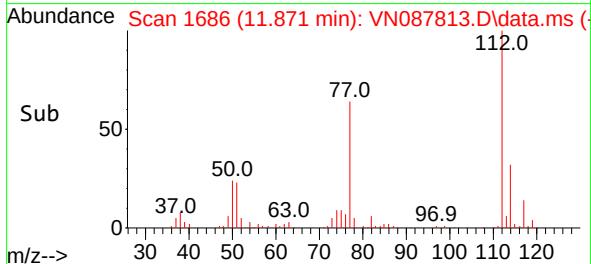
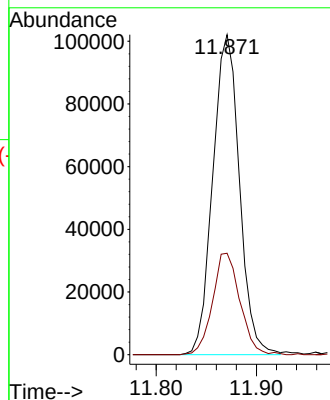
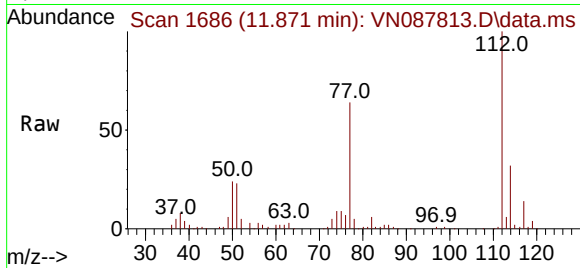




#64
Chlorobenzene
Concen: 18.600 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

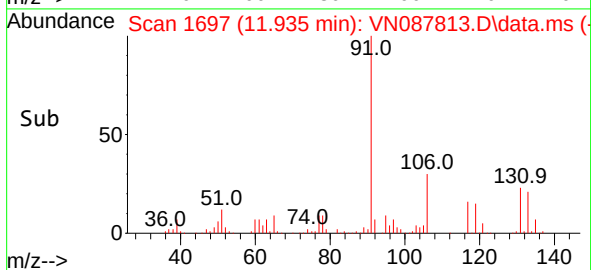
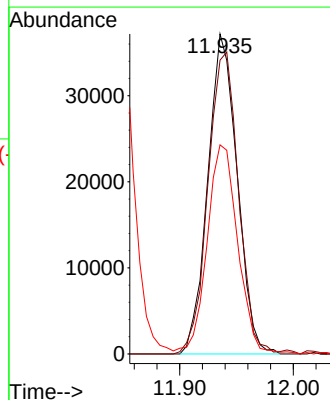
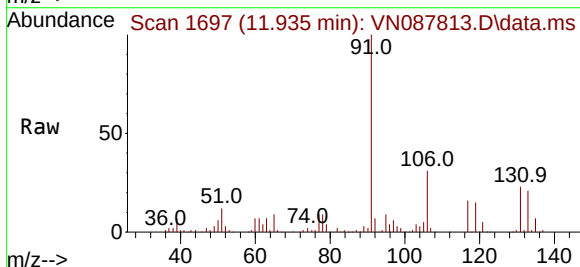
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

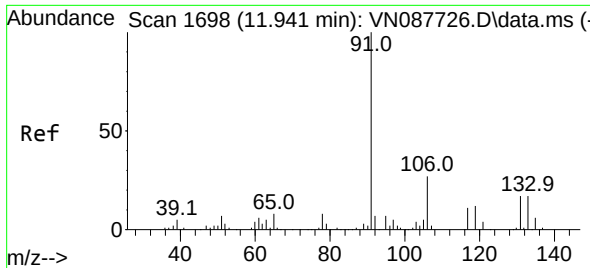
Tgt Ion:112 Resp: 188308
Ion Ratio Lower Upper
112 100
114 31.7 23.5 35.3



#65
1,1,1,2-Tetrachloroethane
Concen: 18.741 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion:131 Resp: 66801
Ion Ratio Lower Upper
131 100
133 97.7 0.0 195.8
119 67.9 0.0 139.0

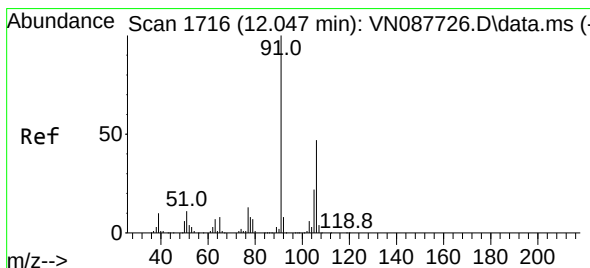
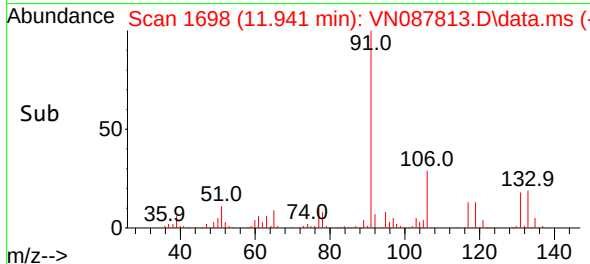
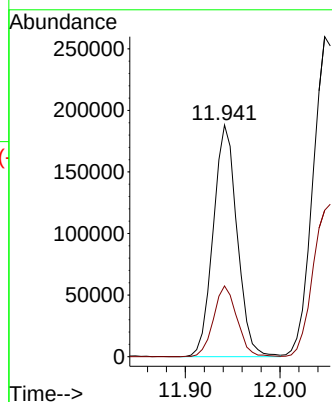
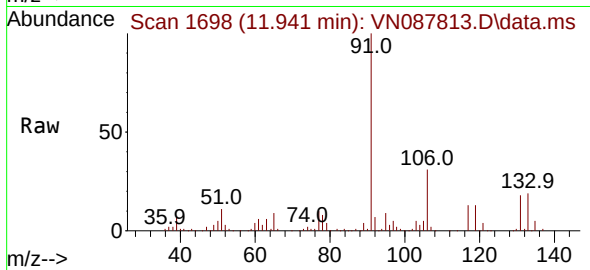




#66
Ethyl Benzene
Concen: 18.531 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

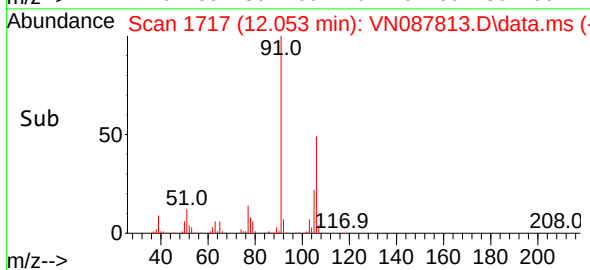
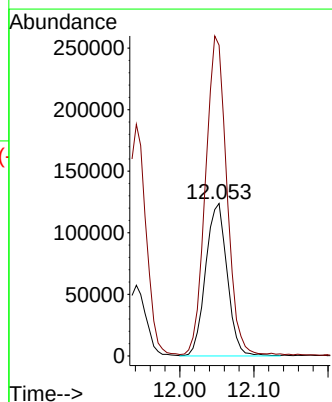
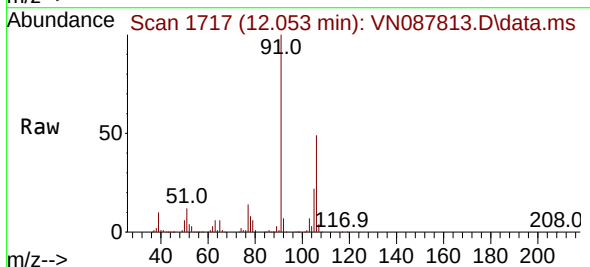
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

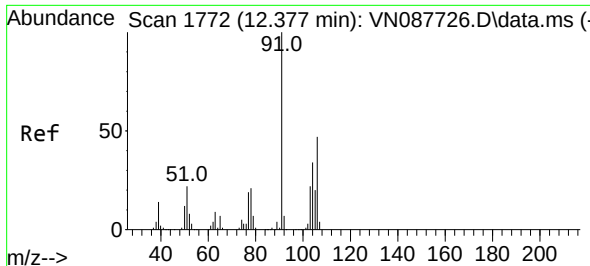
Tgt Ion: 91 Resp: 329763
Ion Ratio Lower Upper
91 100
106 30.6 21.3 31.9



#67
m/p-Xylenes
Concen: 37.915 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion:106 Resp: 250458
Ion Ratio Lower Upper
106 100
91 206.2 174.3 261.5

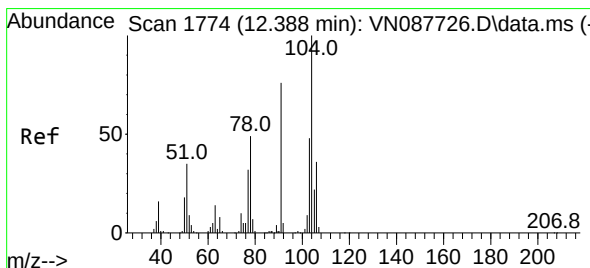
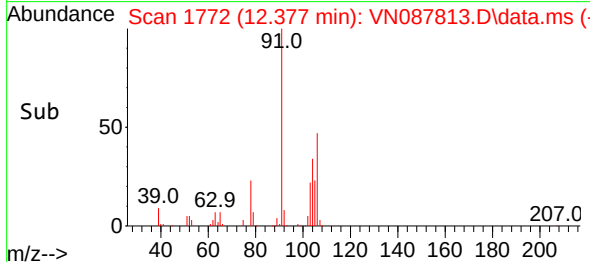
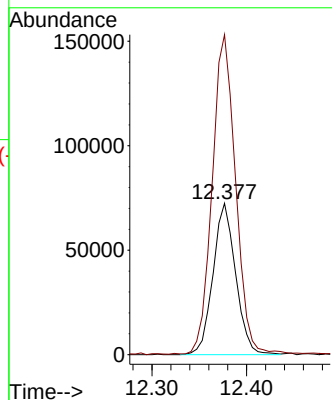
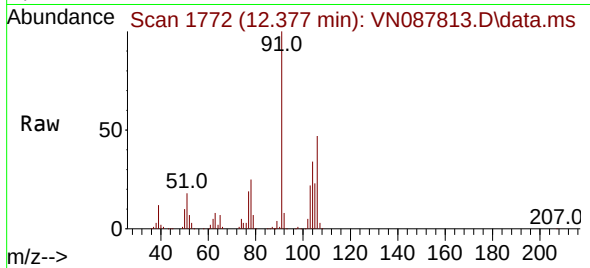




#68
o-Xylene
Concen: 18.815 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

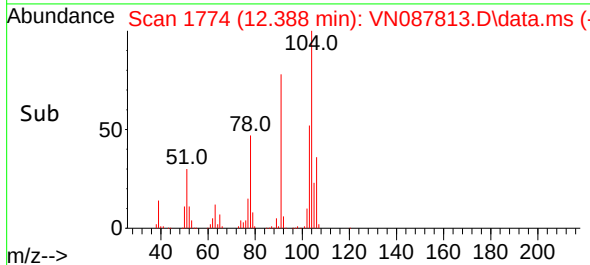
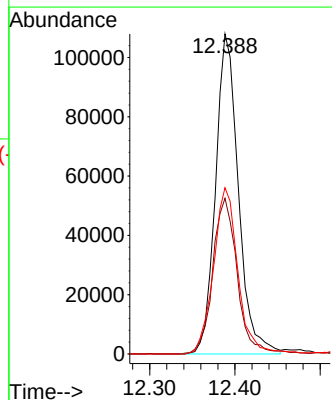
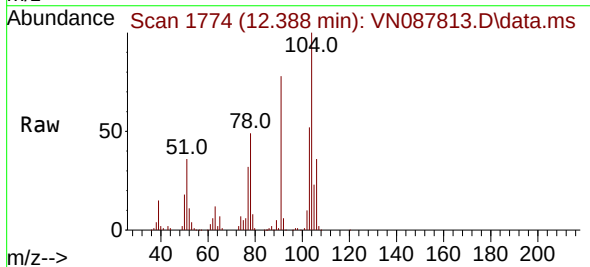
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

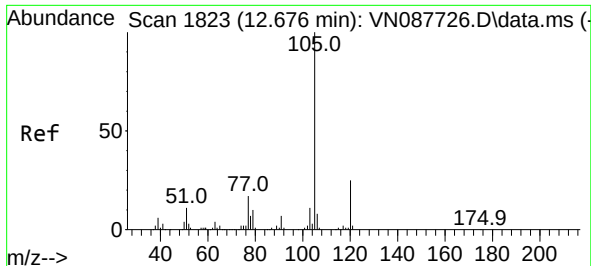
Tgt Ion:106 Resp: 120504
Ion Ratio Lower Upper
106 100
91 215.6 107.7 323.3



#69
Styrene
Concen: 18.061 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion:104 Resp: 201054
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.6
103 55.7 44.6 66.8

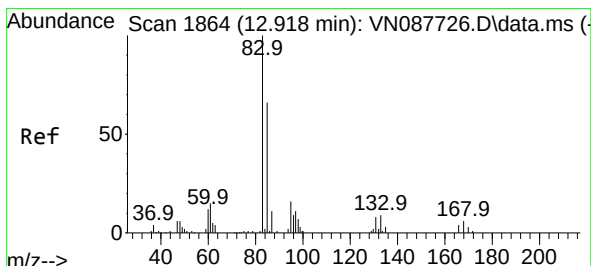
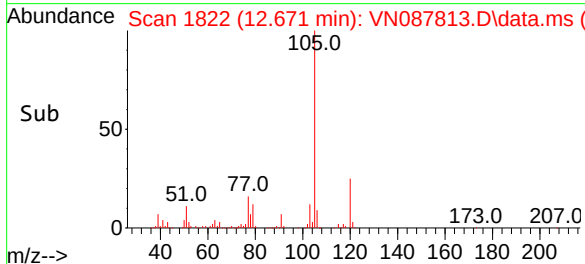
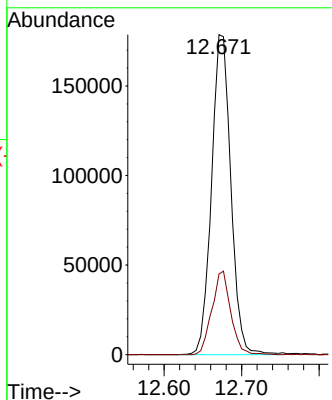
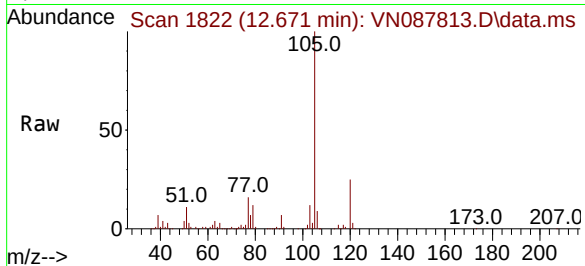




#70
Isopropylbenzene
Concen: 19.070 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

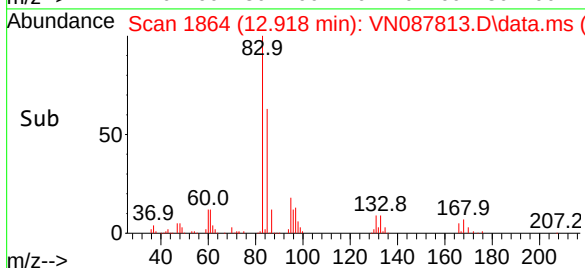
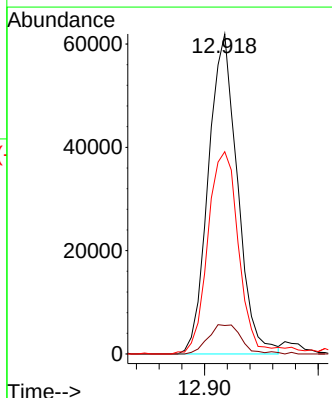
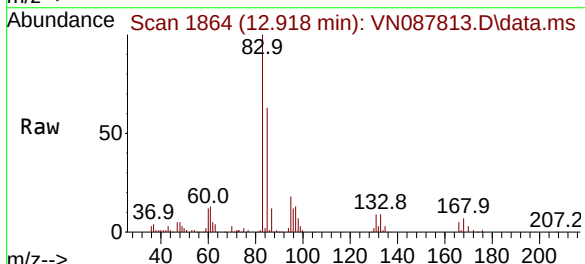
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

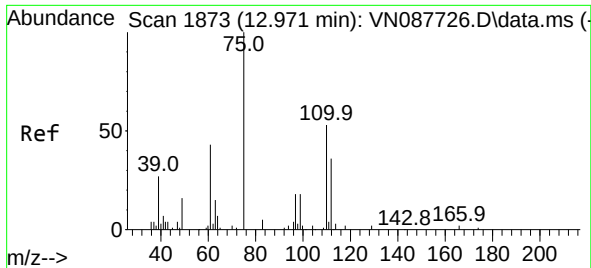
Tgt Ion:105 Resp: 309691
Ion Ratio Lower Upper
105 100
120 25.2 17.4 32.4



#71
1,1,2,2-Tetrachloroethane
Concen: 18.872 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 83 Resp: 110182
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.3
85 66.0 31.9 95.7

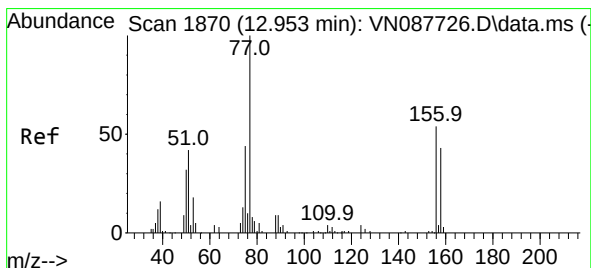
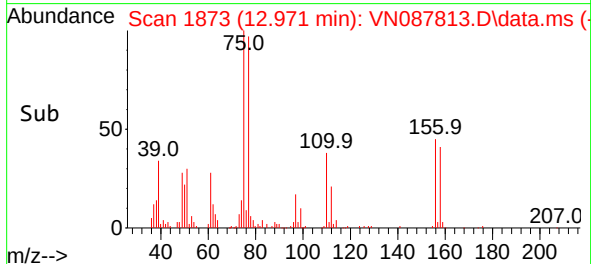
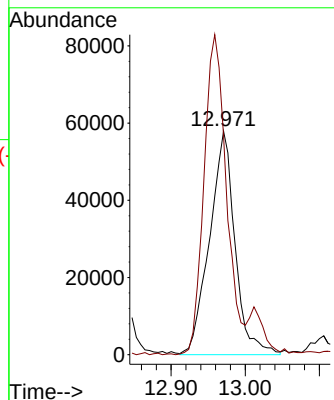
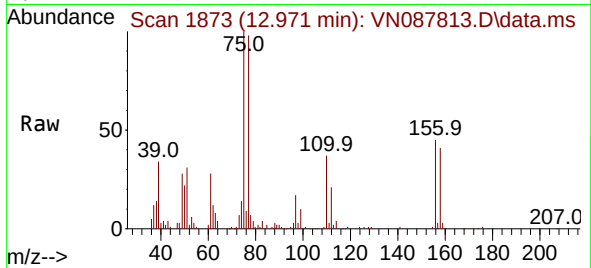




#72
1,2,3-Trichloropropane
Concen: 24.144 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

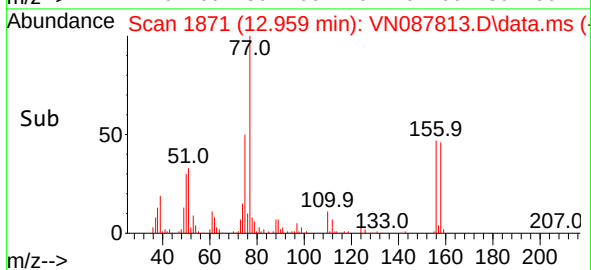
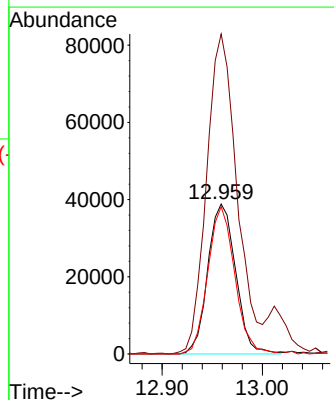
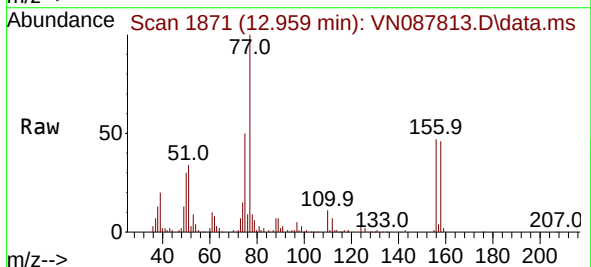
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

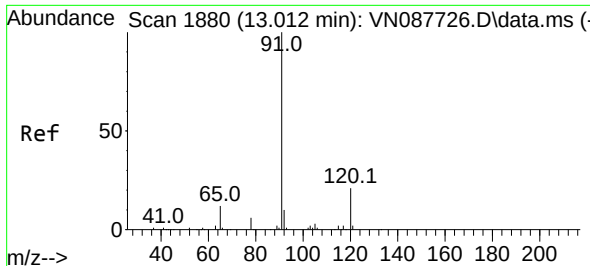
Tgt Ion: 75 Resp: 138405
Ion Ratio Lower Upper
75 100
77 126.3 0.0 378.8



#73
Bromobenzene
Concen: 18.821 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 156 Resp: 74780
Ion Ratio Lower Upper
156 100
77 233.8 0.0 484.2
158 95.1 0.0 186.2

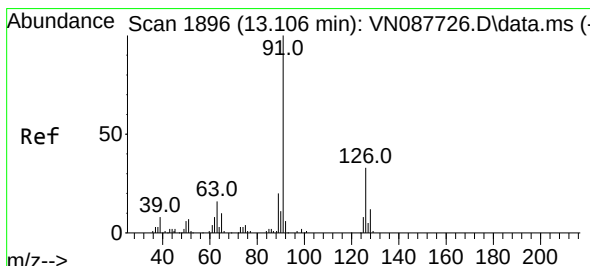
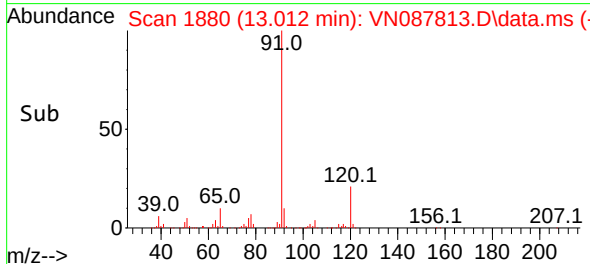
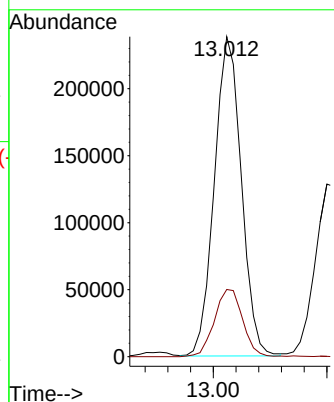
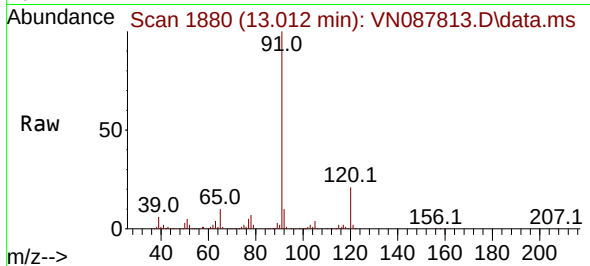




#74
n-propylbenzene
Concen: 19.154 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

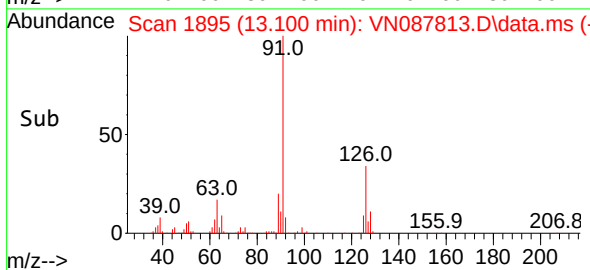
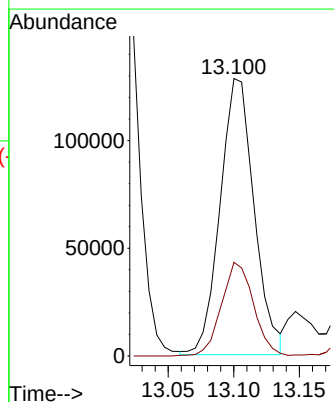
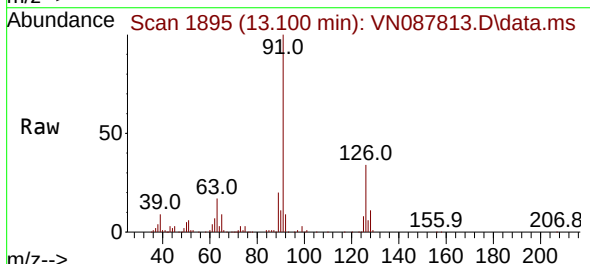
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

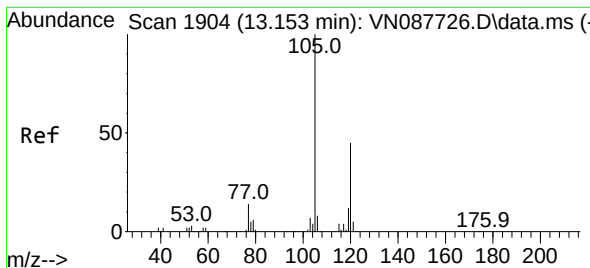
Tgt Ion: 91 Resp: 392483
Ion Ratio Lower Upper
91 100
120 22.1 0.0 42.2



#75
2-Chlorotoluene
Concen: 18.791 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 91 Resp: 231741
Ion Ratio Lower Upper
91 100
126 31.9 0.0 60.4





#76

1,3,5-Trimethylbenzene

Concen: 19.477 ug/l

RT: 13.147 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VN087813.D

Acq: 12 Sep 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

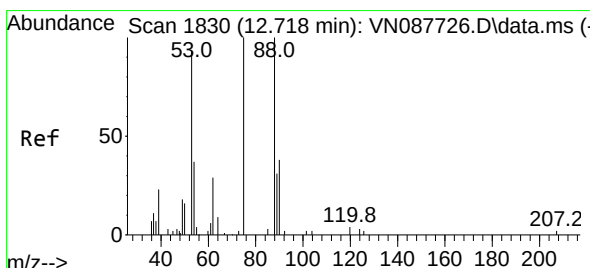
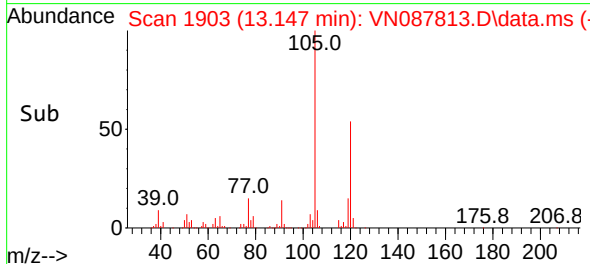
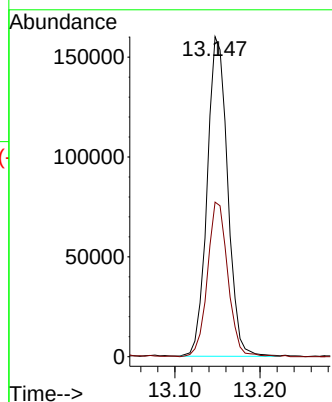
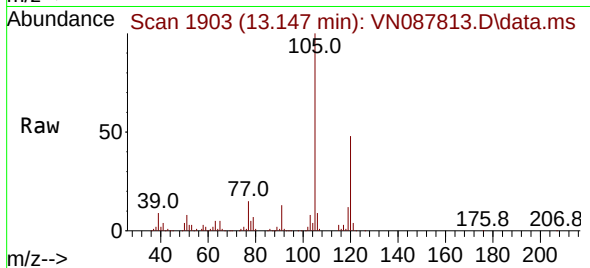
VN0912WBSD01

Tgt Ion:105 Resp: 267103

Ion Ratio Lower Upper

105 100

120 48.1 0.0 92.6



#77

t-1,4-Dichloro-2-butene

Concen: 16.185 ug/l

RT: 12.718 min Scan# 1830

Delta R.T. 0.000 min

Lab File: VN087813.D

Acq: 12 Sep 2025 11:06

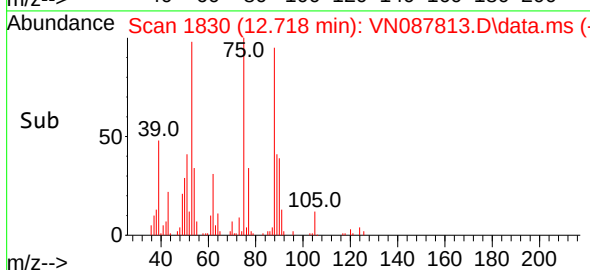
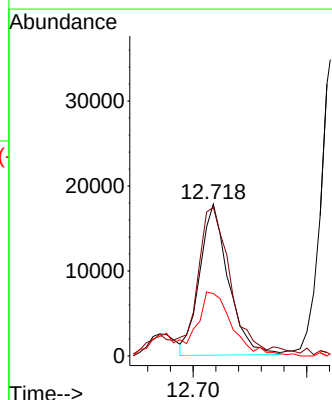
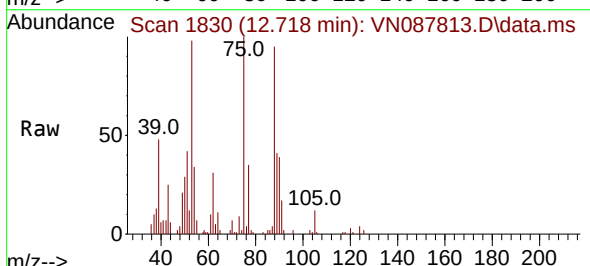
Tgt Ion: 75 Resp: 31316

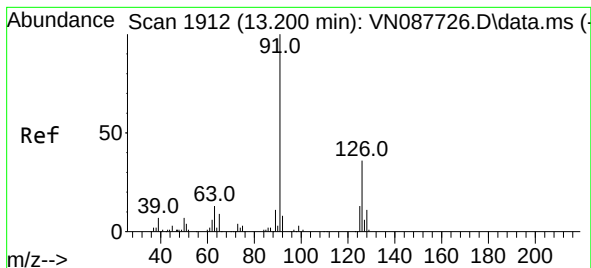
Ion Ratio Lower Upper

75 100

53 94.8 45.3 135.9

89 40.7 18.8 56.3

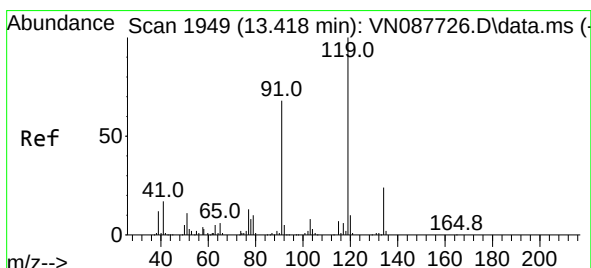
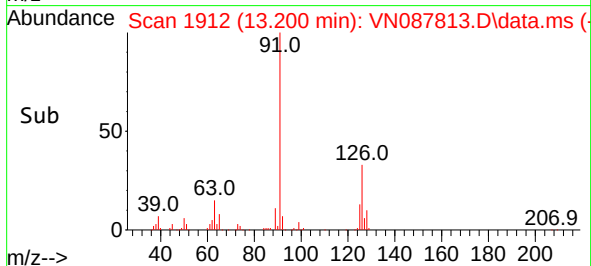
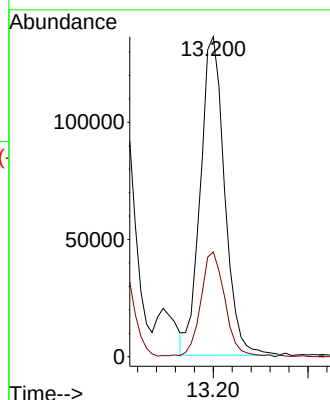
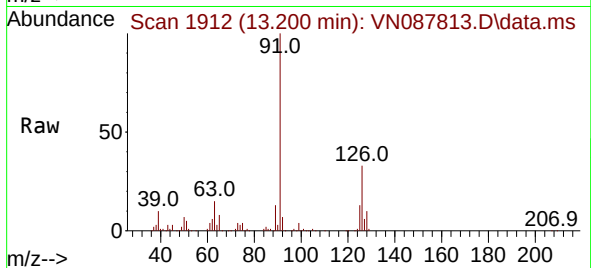




#78
4-Chlorotoluene
Concen: 19.465 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

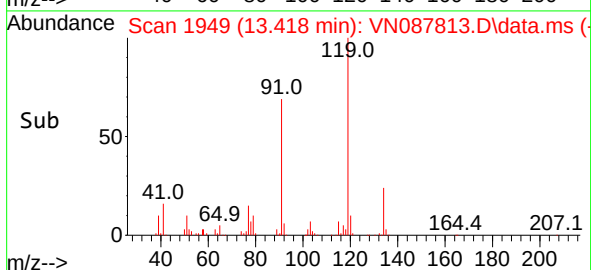
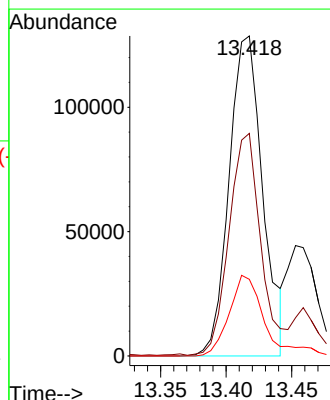
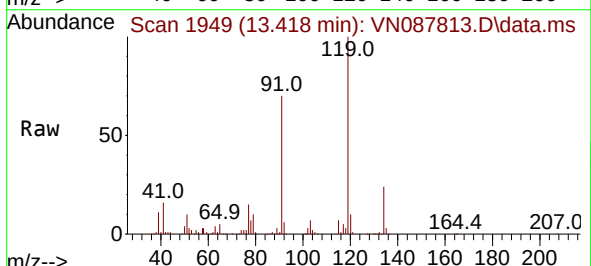
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

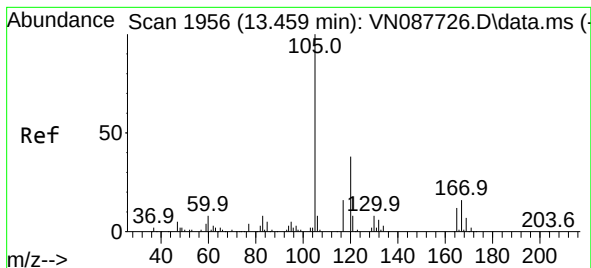
Tgt Ion: 91 Resp: 242014
Ion Ratio Lower Upper
91 100
126 32.5 0.0 67.0



#79
tert-butylbenzene
Concen: 19.952 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 119 Resp: 229146
Ion Ratio Lower Upper
119 100
91 66.5 0.0 142.6
134 25.1 0.0 47.2





#80

1,2,4-Trimethylbenzene

Concen: 19.330 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN087813.D

Acq: 12 Sep 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

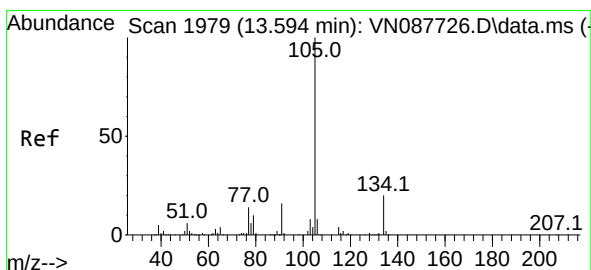
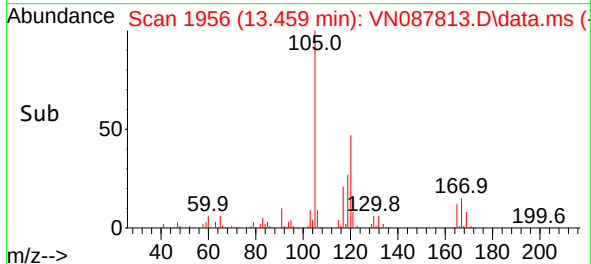
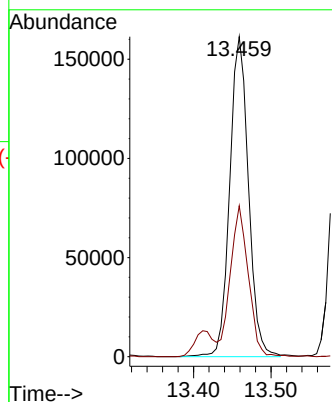
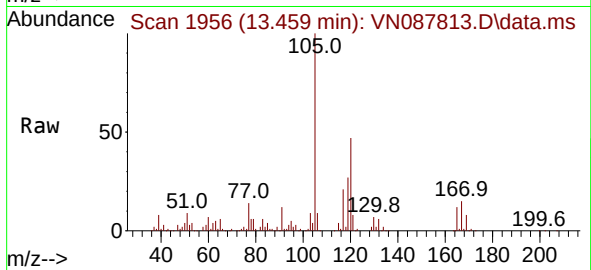
VN0912WBSD01

Tgt Ion:105 Resp: 271786

Ion Ratio Lower Upper

105 100

120 44.1 0.0 86.6



#81

sec-Butylbenzene

Concen: 20.512 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087813.D

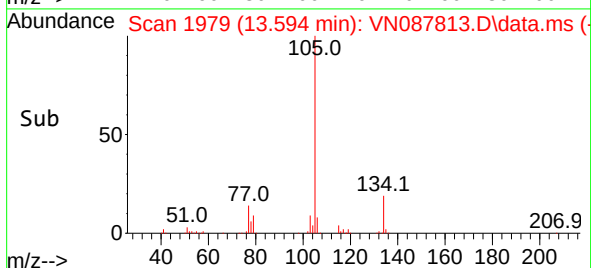
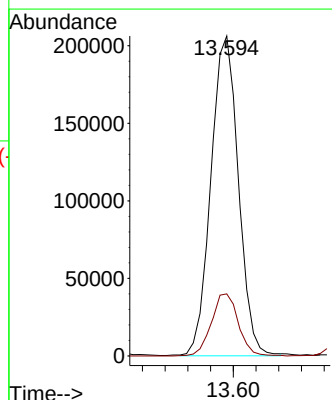
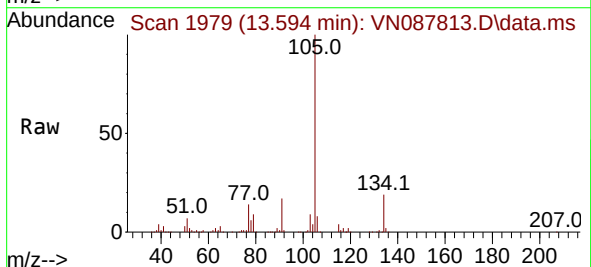
Acq: 12 Sep 2025 11:06

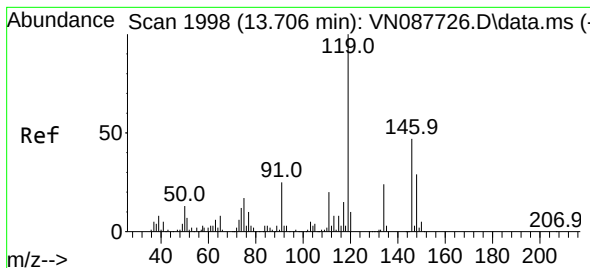
Tgt Ion:105 Resp: 346516

Ion Ratio Lower Upper

105 100

134 19.1 0.0 37.0

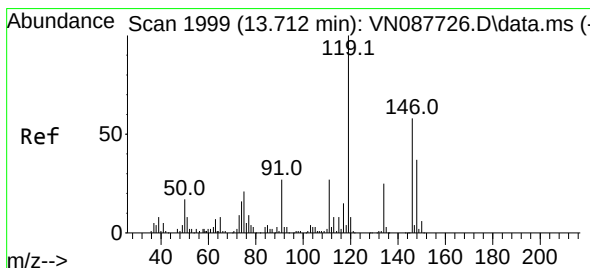
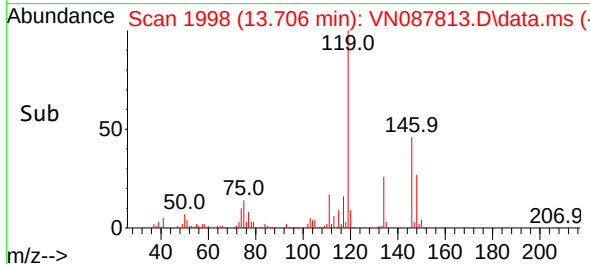
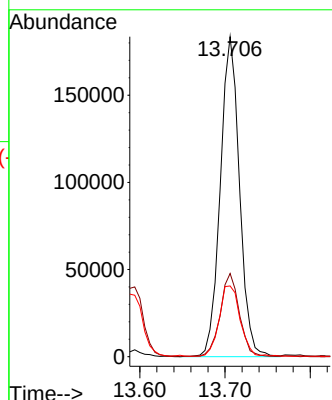
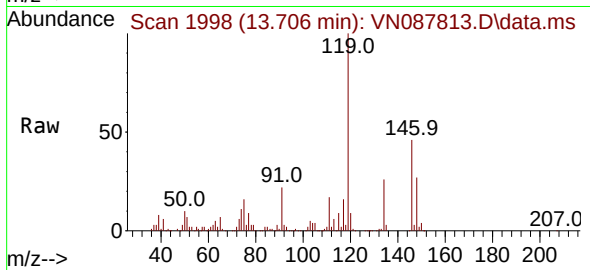




#82
 p-Isopropyltoluene
 Concen: 20.646 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087813.D
 Acq: 12 Sep 2025 11:06

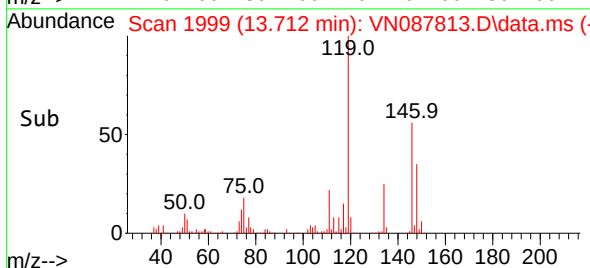
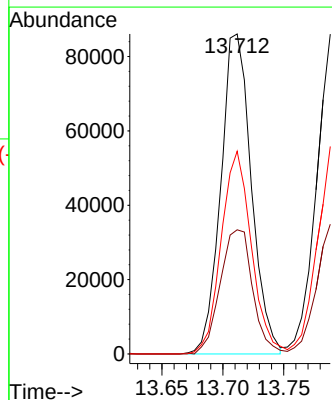
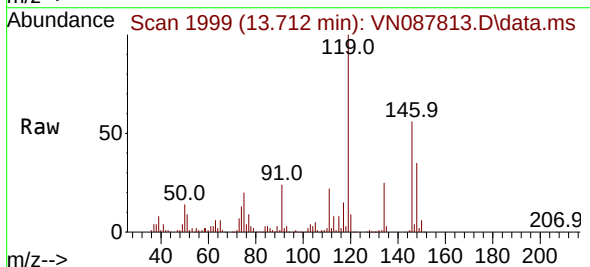
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

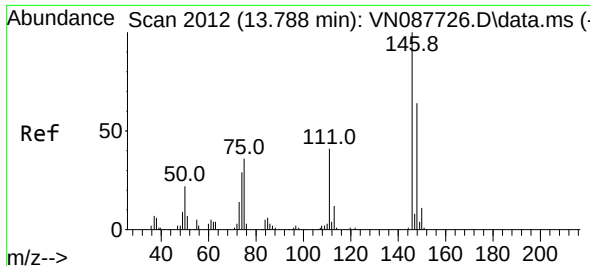
Tgt Ion:119 Resp: 287370
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 49.4
 91 23.8 0.0 52.2



#83
 1,3-Dichlorobenzene
 Concen: 19.680 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087813.D
 Acq: 12 Sep 2025 11:06

Tgt Ion:146 Resp: 150754
 Ion Ratio Lower Upper
 146 100
 111 41.2 21.1 63.4
 148 62.6 31.0 93.0

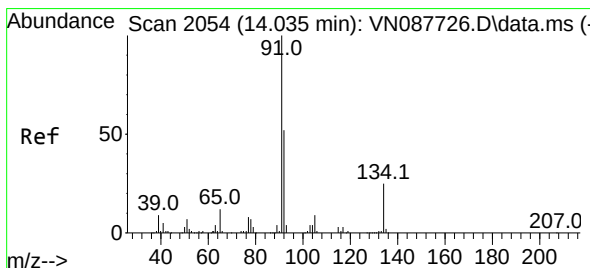
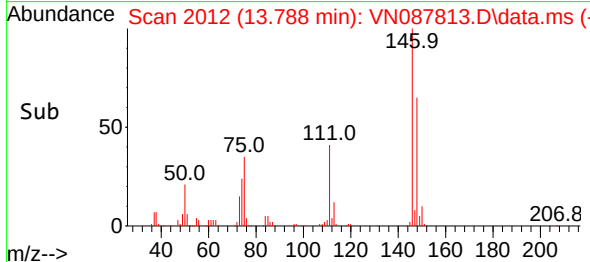
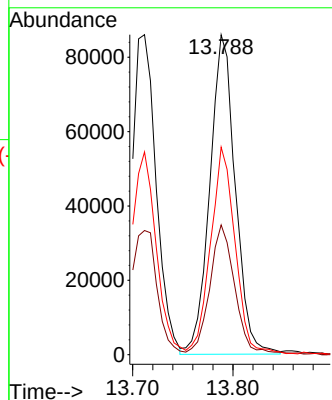
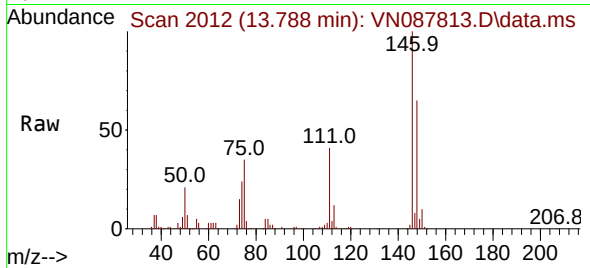




#84
1,4-Dichlorobenzene
Concen: 19.813 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

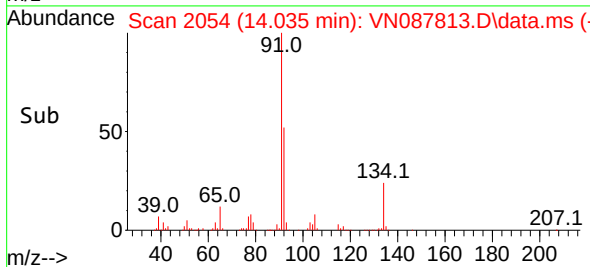
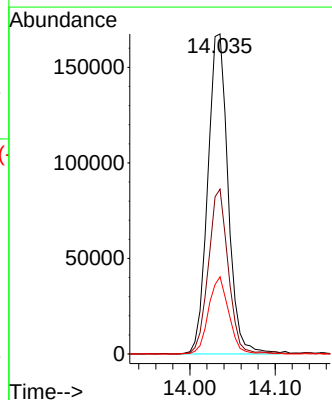
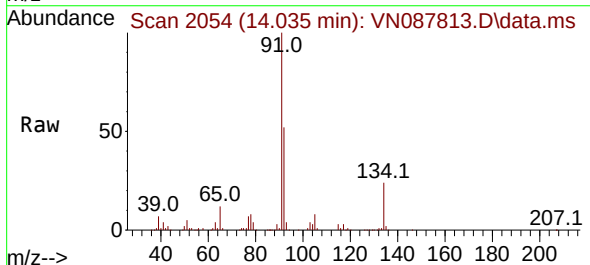
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

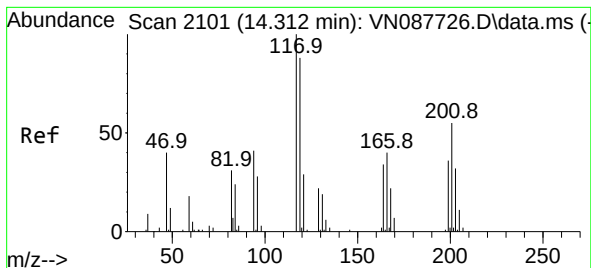
Tgt Ion:146 Resp: 152124
Ion Ratio Lower Upper
146 100
111 40.1 20.2 60.5
148 62.5 31.5 94.5



#85
n-Butylbenzene
Concen: 20.733 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 91 Resp: 277392
Ion Ratio Lower Upper
91 100
92 50.3 0.0 104.0
134 23.6 0.0 46.0

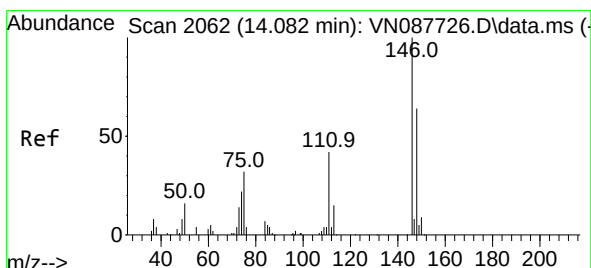
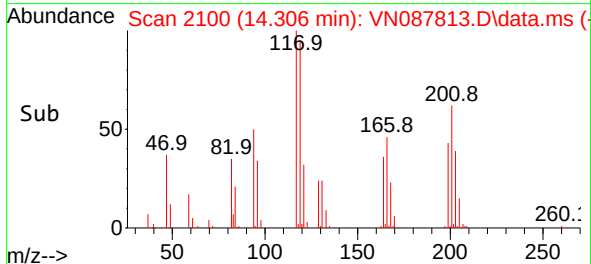
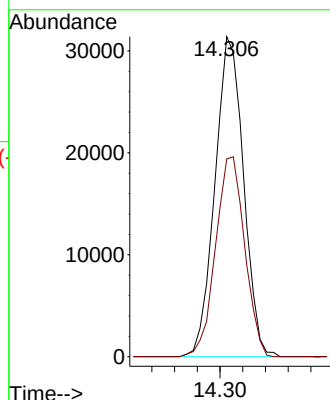
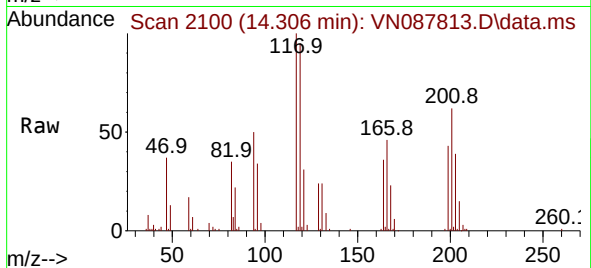




#86
Hexachloroethane
Concen: 19.417 ug/l
RT: 14.306 min Scan# 2101
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

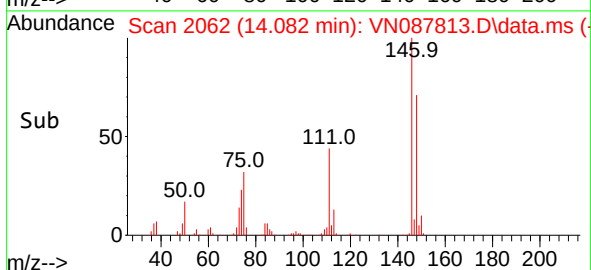
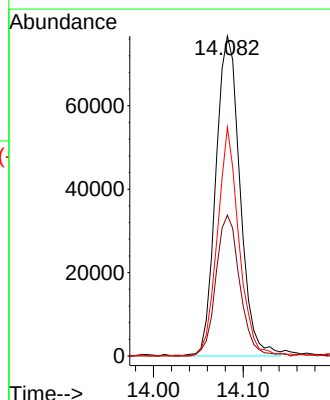
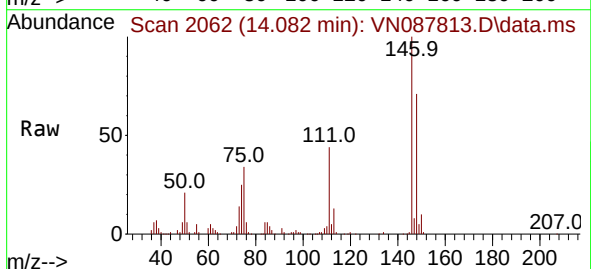
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

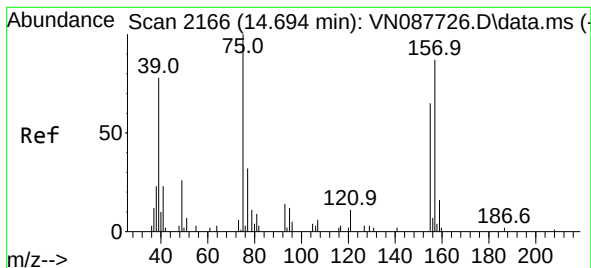
Tgt Ion:117 Resp: 54896
Ion Ratio Lower Upper
117 100
201 63.6 29.9 89.7



#87
1,2-Dichlorobenzene
Concen: 19.849 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion:146 Resp: 143399
Ion Ratio Lower Upper
146 100
111 43.4 21.5 64.5
148 63.7 33.4 100.1

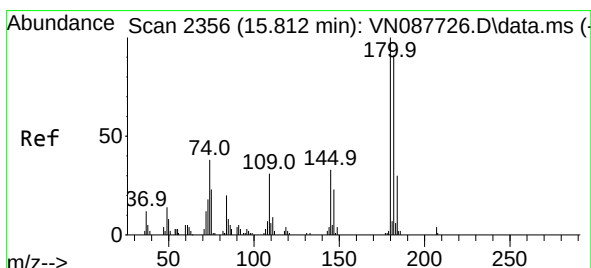
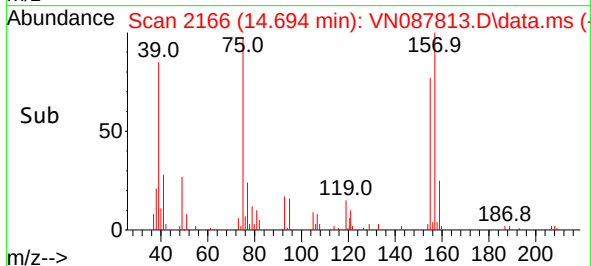
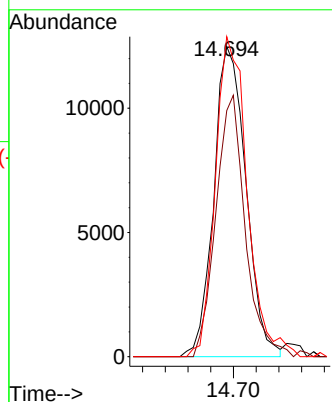
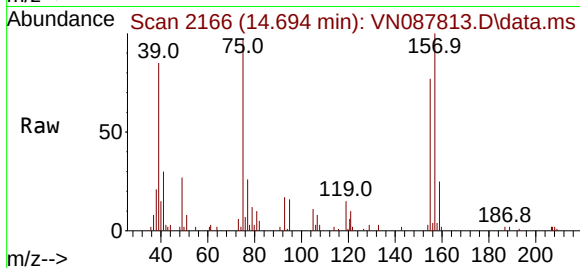




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.942 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VN087813.D
 Acq: 12 Sep 2025 11:06

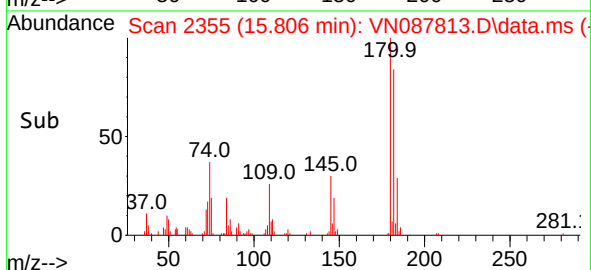
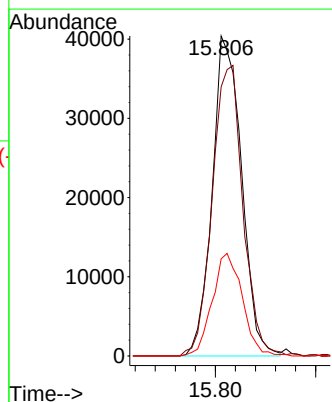
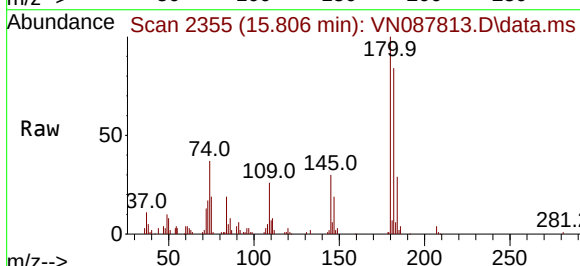
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

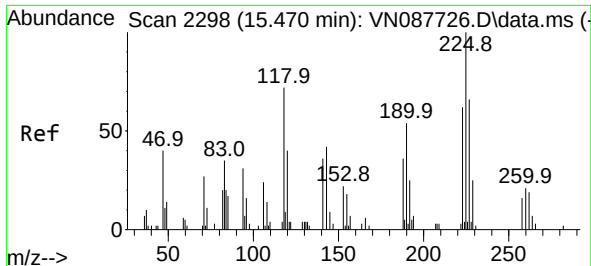
Tgt Ion: 75 Resp: 24542
 Ion Ratio Lower Upper
 75 100
 155 77.1 53.0 79.4
 157 102.2 72.2 108.4



#89
 1,2,4-Trichlorobenzene
 Concen: 19.988 ug/l
 RT: 15.806 min Scan# 2355
 Delta R.T. -0.006 min
 Lab File: VN087813.D
 Acq: 12 Sep 2025 11:06

Tgt Ion: 180 Resp: 82133
 Ion Ratio Lower Upper
 180 100
 182 94.5 74.6 111.8
 145 32.7 27.4 41.0

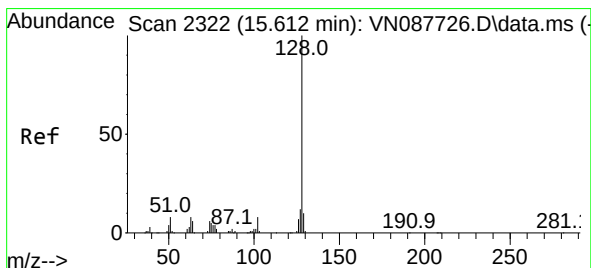
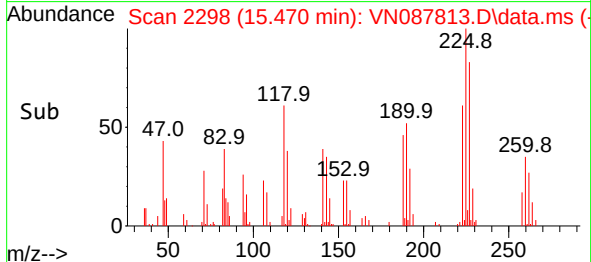
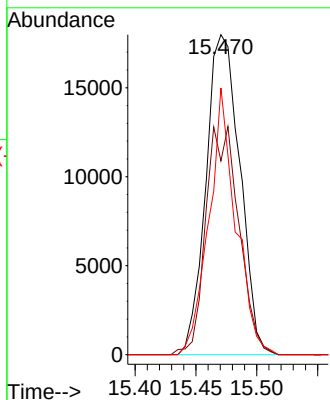
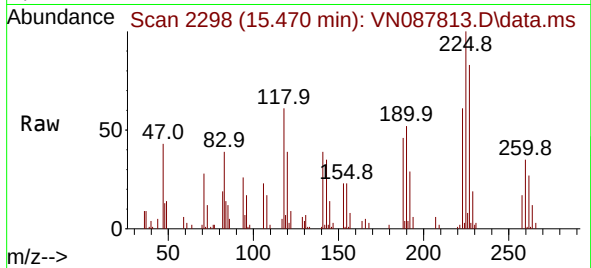




#90
Hexachlorobutadiene
Concen: 25.325 ug/l
RT: 15.470 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

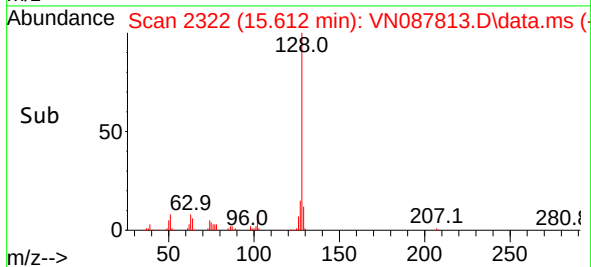
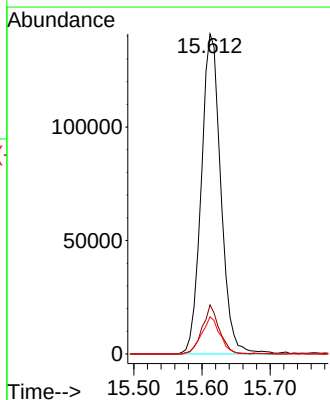
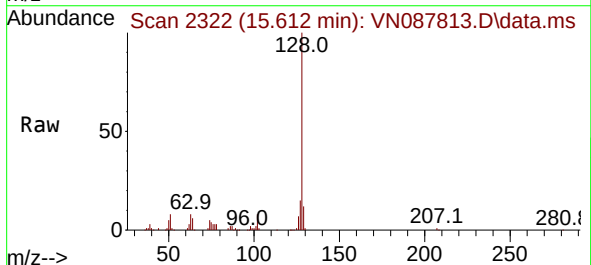
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

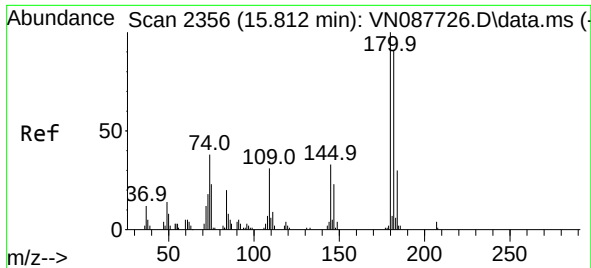
Tgt Ion:225 Resp: 34886
Ion Ratio Lower Upper
225 100
223 69.7 0.0 118.2
227 66.3 0.0 139.0



#91
Naphthalene
Concen: 18.610 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

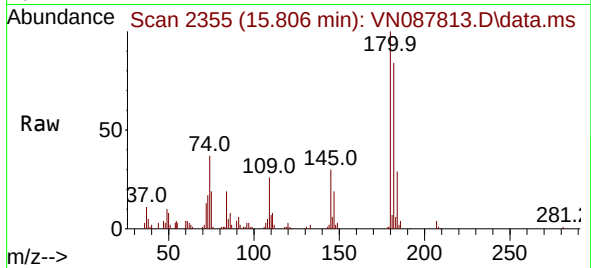
Tgt Ion:128 Resp: 281519
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.0 8.3 12.5





#92
1,2,3-Trichlorobenzene
Concen: 19.988 ug/l
RT: 15.806 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion:	180	Resp:	82133
Ion	Ratio	Lower	Upper
180	100		
182	94.5	0.0	186.4
145	32.7	0.0	68.4

