

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
 Data File : VN087650.D
 Acq On : 25 Aug 2025 12:21
 Operator : JC\MD
 Sample : VN0825WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 26 01:32:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	223180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	452330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	403500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	202288	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.565	65	214419	46.891	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.780%
35) Dibromofluoromethane	8.153	113	150066	45.951	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.900%
50) Toluene-d8	10.547	98	554082	45.330	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.660%
62) 4-Bromofluorobenzene	12.829	95	194883	44.832	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.660%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.142	85	62067	19.581	ug/l	97
3) Chloromethane	2.383	50	62455	19.173	ug/l	95
4) Vinyl Chloride	2.536	62	70142	18.571	ug/l	98
5) Bromomethane	2.983	94	37956	19.476	ug/l	97
6) Chloroethane	3.136	64	48637	18.322	ug/l	97
7) Trichlorofluoromethane	3.512	101	104346	18.857	ug/l	97
8) Diethyl Ether	3.965	74	44292	18.379	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	55637	17.769	ug/l	98
10) Methyl Iodide	4.589	142	32544	18.824	ug/l	97
11) Tert butyl alcohol	5.530	59	74733	94.141	ug/l	99
12) 1,1-Dichloroethene	4.341	96	57619	17.907	ug/l	83
13) Acrolein	4.177	56	103430	105.982	ug/l	98
14) Allyl chloride	5.006	41	109090	18.709	ug/l	98
15) Acrylonitrile	5.706	53	198506	88.666	ug/l	99
16) Acetone	4.424	43	230719	92.687	ug/l	96
17) Carbon Disulfide	4.700	76	162082	18.297	ug/l	99
18) Methyl Acetate	5.024	43	96014	18.422	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	217356	18.007	ug/l	100
20) Methylene Chloride	5.265	84	66445	17.651	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	59125	16.954	ug/l	95
22) Diisopropyl ether	6.665	45	229975	18.276	ug/l #	97
23) Vinyl Acetate	6.588	43	1037528	90.629	ug/l	99
24) 1,1-Dichloroethane	6.553	63	122293	17.726	ug/l	95
25) 2-Butanone	7.471	43	297574	90.865	ug/l	99
26) 2,2-Dichloropropane	7.477	77	107942	18.229	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	71989	17.268	ug/l	95
28) Bromochloromethane	7.794	49	66584	19.963	ug/l	99
29) Tetrahydrofuran	7.824	42	185567	88.047	ug/l	99
30) Chloroform	7.947	83	125444	17.814	ug/l	98
31) Cyclohexane	8.235	56	104300	18.134	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	107771	18.059	ug/l	93
36) 1,1-Dichloropropene	8.353	75	82214	16.409	ug/l	97
37) Ethyl Acetate	7.547	43	112045	16.366	ug/l	98
38) Carbon Tetrachloride	8.347	117	89068	18.006	ug/l	95
39) Methylcyclohexane	9.582	83	92389	16.749	ug/l	96
40) Benzene	8.588	78	267561	17.412	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	58984	16.632	ug/l	97
42) 1,2-Dichloroethane	8.653	62	102076	17.286	ug/l	100
43) Isopropyl Acetate	8.671	43	186641	17.461	ug/l	99
44) Trichloroethene	9.329	130	60129	17.139	ug/l	100
45) 1,2-Dichloropropane	9.600	63	67419	16.644	ug/l	96
46) Dibromomethane	9.688	93	52335	18.156	ug/l	99
47) Bromodichloromethane	9.871	83	101851	17.241	ug/l #	98
48) Methyl methacrylate	9.665	41	81785	16.176	ug/l	94
49) 1,4-Dioxane	9.682	88	25351	386.854	ug/l #	95
51) 4-Methyl-2-Pentanone	10.429	43	569141	88.252	ug/l	99
52) Toluene	10.612	92	165573	17.380	ug/l	97
53) t-1,3-Dichloropropene	10.818	75	106076	17.347	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	110849	17.459	ug/l	96
55) 1,1,2-Trichloroethane	11.000	97	65727	17.835	ug/l	97
56) Ethyl methacrylate	10.859	69	102199	17.352	ug/l	95
57) 1,3-Dichloropropane	11.141	76	116080	17.798	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.141	63	313174	98.243	ug/l	99
59) 2-Hexanone	11.182	43	375717	92.183	ug/l	96
60) Dibromochloromethane	11.341	129	71077	16.645	ug/l	99
61) 1,2-Dibromoethane	11.447	107	66188	17.033	ug/l	98
64) Tetrachloroethene	11.082	164	47516	16.973	ug/l	98
65) Chlorobenzene	11.870	112	174339	17.367	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	62197	18.663	ug/l	98
67) Ethyl Benzene	11.941	91	309756	17.822	ug/l	94
68) m/p-Xylenes	12.053	106	229940	36.073	ug/l	99
69) o-Xylene	12.376	106	107145	17.152	ug/l	93
70) Styrene	12.394	104	187825	17.947	ug/l	97
71) Bromoform	12.559	173	46548	18.212	ug/l #	97
73) Isopropylbenzene	12.676	105	282717	17.296	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.917	83	102489	18.211	ug/l	99
76) 1,2,3-Trichloropropane	12.976	75	130685	27.549	ug/l	63
77) Bromobenzene	12.959	156	68300	17.721	ug/l	99
78) n-propylbenzene	13.012	91	357820	17.772	ug/l	100
79) 2-Chlorotoluene	13.100	91	212124	17.507	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	243662	17.572	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.717	75	31638	17.656	ug/l	85
82) 4-Chlorotoluene	13.200	91	221660	17.400	ug/l	98
83) tert-Butylbenzene	13.417	119	202379	17.514	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	249103	17.945	ug/l	97
85) sec-Butylbenzene	13.594	105	304307	17.746	ug/l	100
86) p-Isopropyltoluene	13.706	119	247840	17.503	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	129407	17.050	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	134736	17.058	ug/l	99
89) n-Butylbenzene	14.035	91	245432	17.452	ug/l	99
90) Hexachloroethane	14.306	117	46243	17.141	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	127220	17.668	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22816	17.066	ug/l	94
93) 1,2,4-Trichlorobenzene	15.370	180	74556	17.243	ug/l	99
94) Hexachlorobutadiene	15.476	225	26329	17.080	ug/l	99
95) Naphthalene	15.617	128	262337	17.129	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	71418	16.895	ug/l	96

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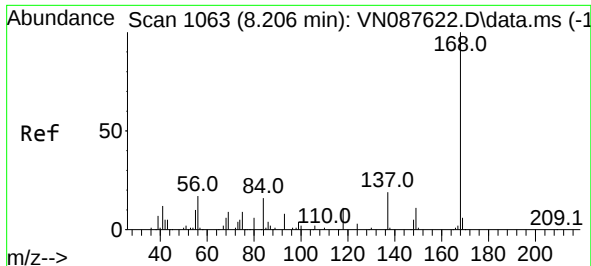
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

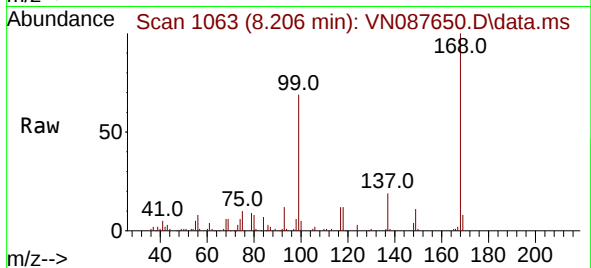
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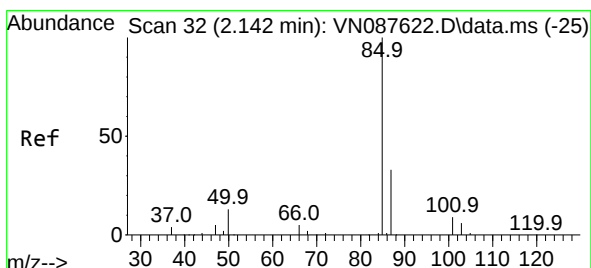
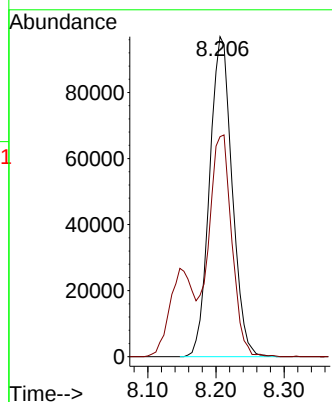
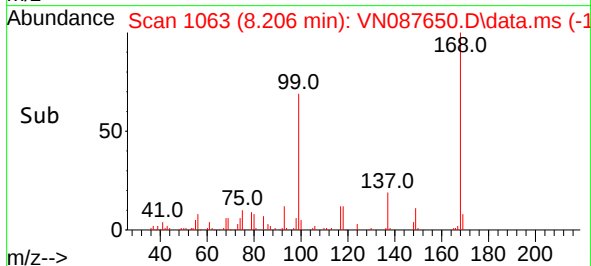


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
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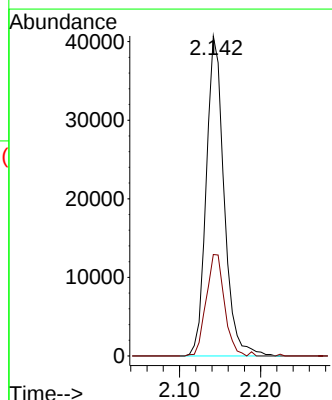
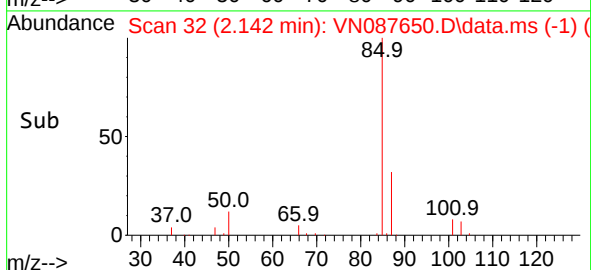
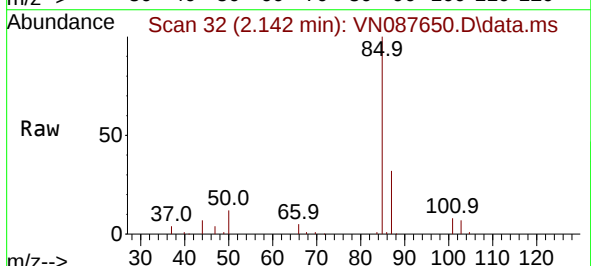


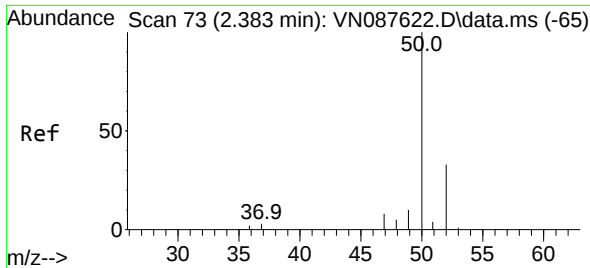
Tgt Ion:168 Resp: 223180
Ion Ratio Lower Upper
168 100
99 68.8 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 19.581 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

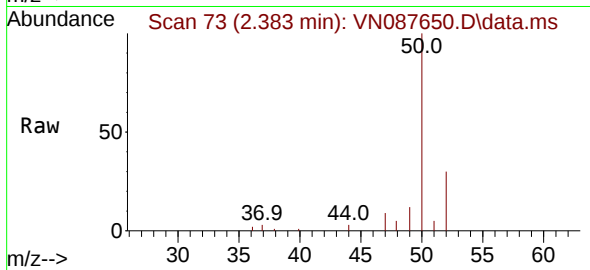
Tgt Ion: 85 Resp: 62067
Ion Ratio Lower Upper
85 100
87 31.7 16.6 49.8



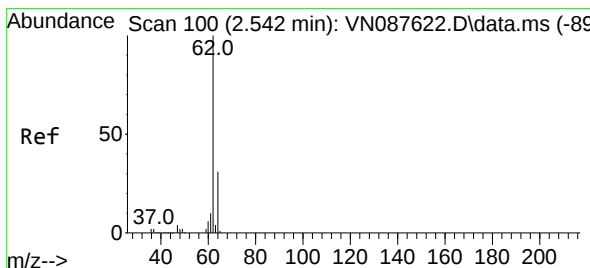
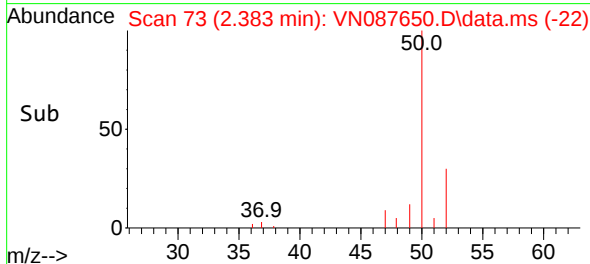
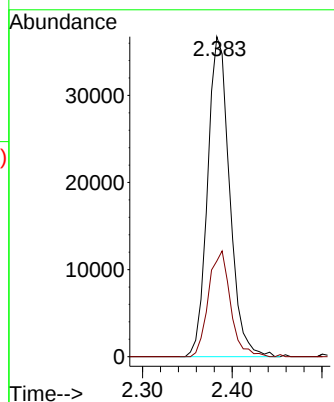


#3
Chloromethane
Concen: 19.173 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

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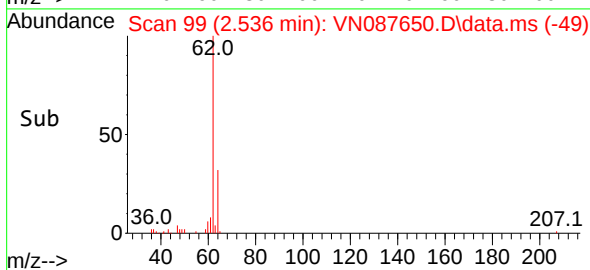
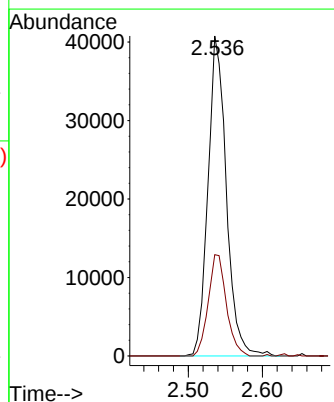
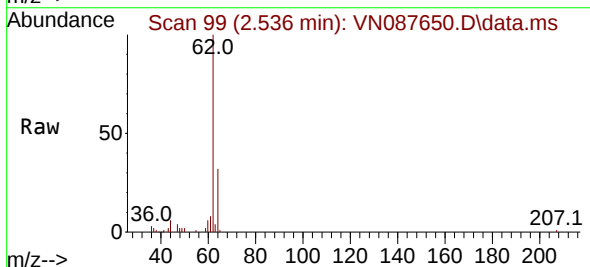


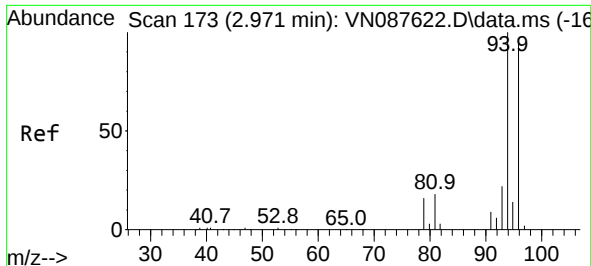
Tgt Ion: 50 Resp: 62455
Ion Ratio Lower Upper
50 100
52 29.9 26.2 39.4



#4
Vinyl Chloride
Concen: 18.571 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Tgt Ion: 62 Resp: 70142
Ion Ratio Lower Upper
62 100
64 31.7 24.6 37.0

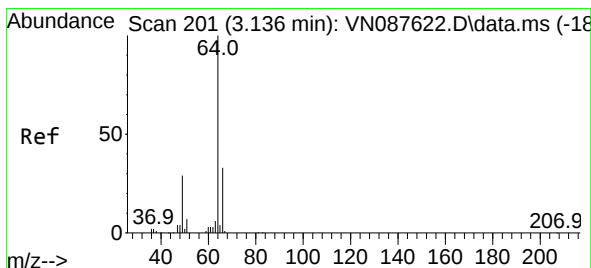
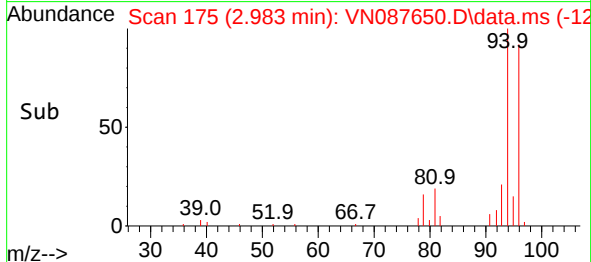
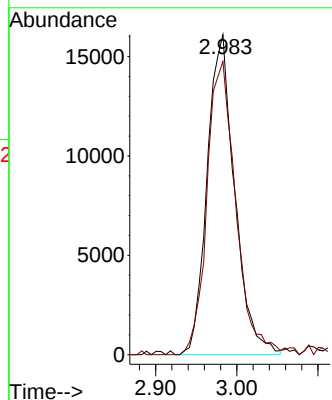
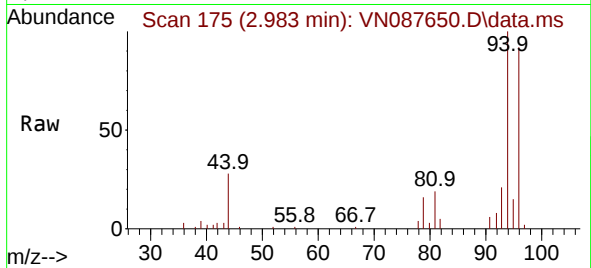




#5
Bromomethane
Concen: 19.476 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

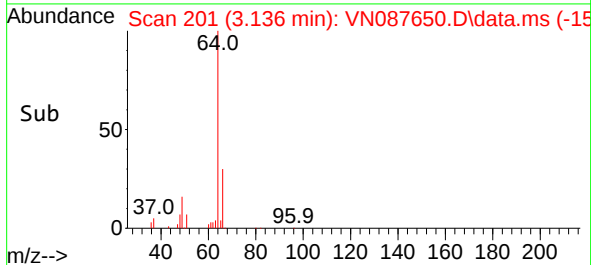
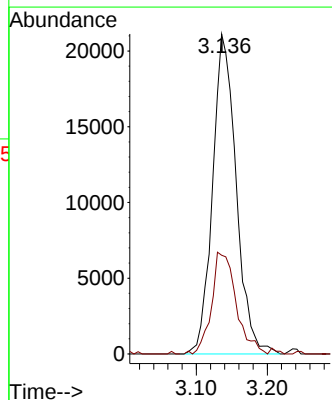
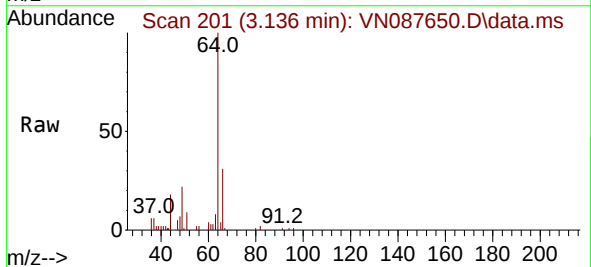
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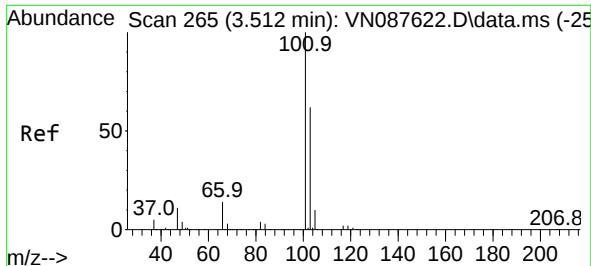
Tgt Ion: 94 Resp: 37956
Ion Ratio Lower Upper
94 100
96 91.6 75.4 113.2



#6
Chloroethane
Concen: 18.322 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Tgt Ion: 64 Resp: 48637
Ion Ratio Lower Upper
64 100
66 30.8 26.2 39.2

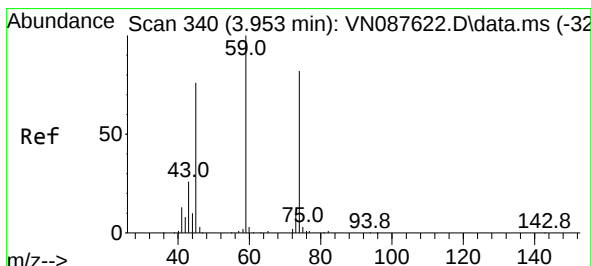
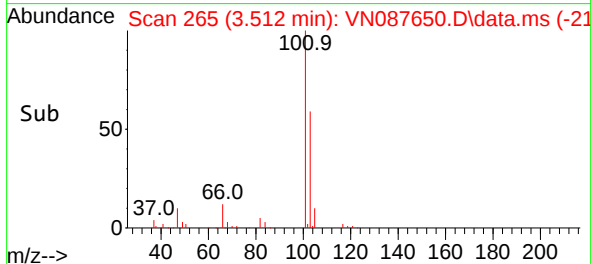
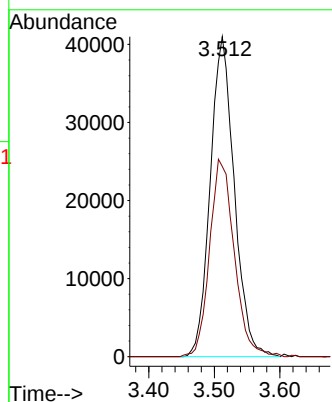
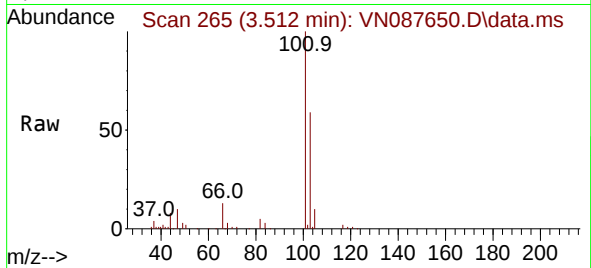




#7
 Trichlorofluoromethane
 Concen: 18.857 ug/l
 RT: 3.512 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087650.D
 Acq: 25 Aug 2025 12:21

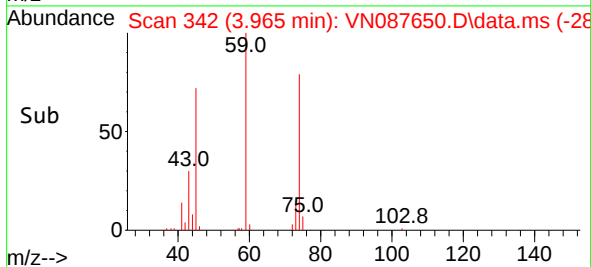
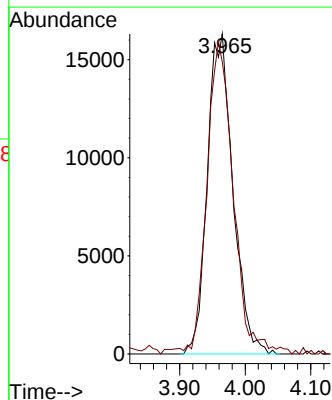
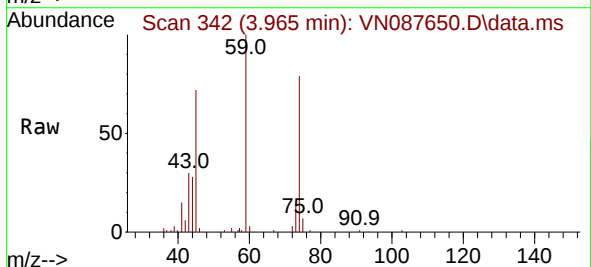
Instrument :
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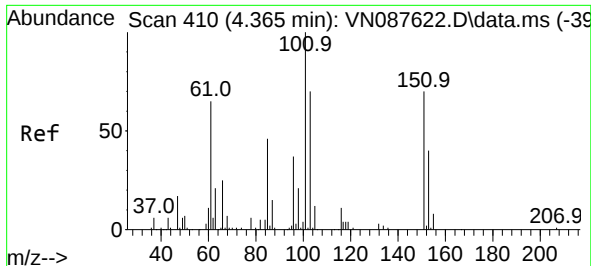
Tgt Ion:101 Resp: 104346
 Ion Ratio Lower Upper
 101 100
 103 59.5 49.4 74.0



#8
 Diethyl Ether
 Concen: 18.379 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN087650.D
 Acq: 25 Aug 2025 12:21

Tgt Ion: 74 Resp: 44292
 Ion Ratio Lower Upper
 74 100
 45 101.1 50.6 151.9

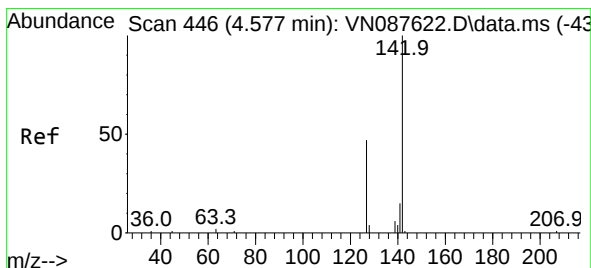
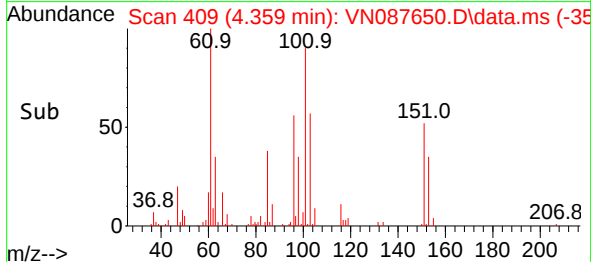
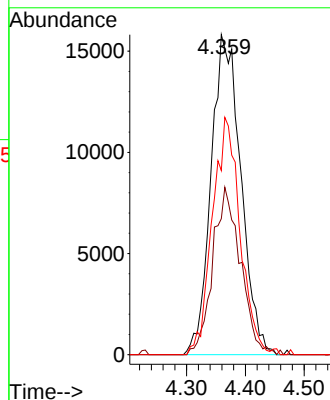
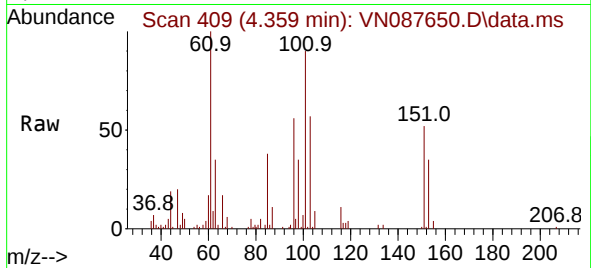




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.769 ug/l
 RT: 4.359 min Scan# 409
 Delta R.T. -0.006 min
 Lab File: VN087650.D
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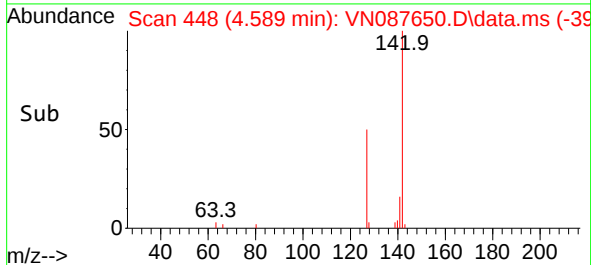
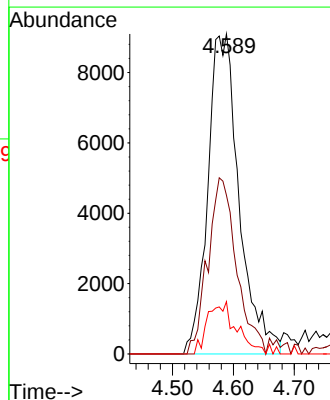
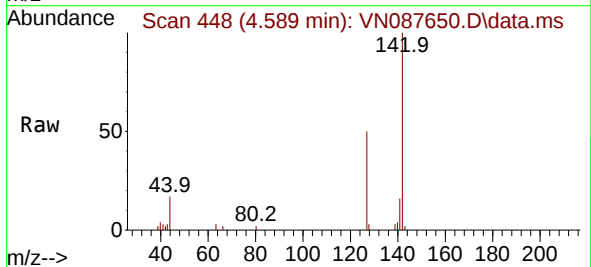
Instrument :
 MSVOA_N
 ClientSampleId :

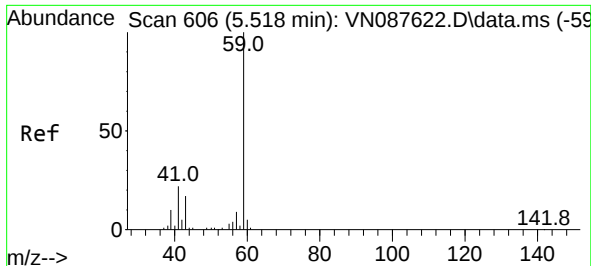
Tgt Ion:101 Resp: 55637
 Ion Ratio Lower Upper
 101 100
 85 48.6 36.6 55.0
 151 68.7 54.7 82.1



#10
 Methyl Iodide
 Concen: 18.824 ug/l
 RT: 4.589 min Scan# 448
 Delta R.T. 0.012 min
 Lab File: VN087650.D
 Acq: 25 Aug 2025 12:21

Tgt Ion:142 Resp: 32544
 Ion Ratio Lower Upper
 142 100
 127 49.6 38.0 57.0
 141 16.3 12.0 18.0

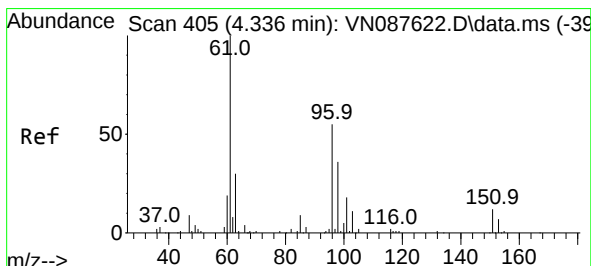
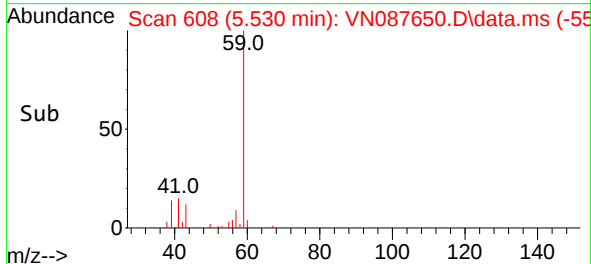
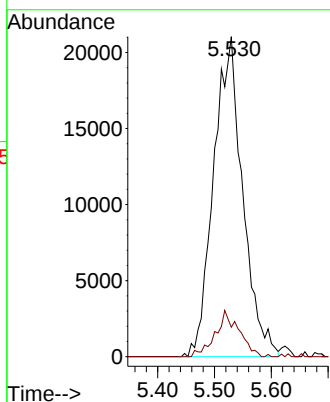
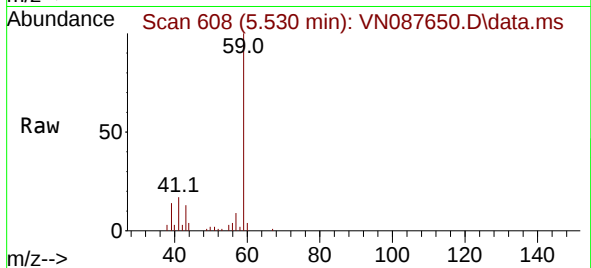




#11
Tert butyl alcohol
Concen: 94.141 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

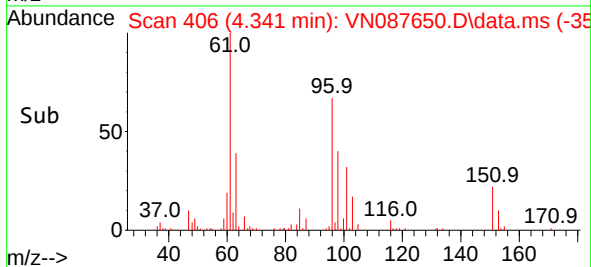
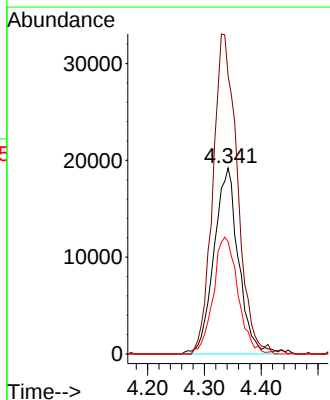
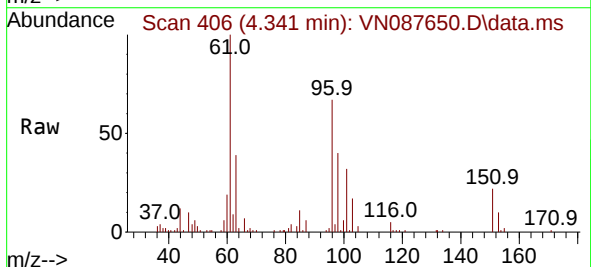
Instrument :
MSVOA_N
ClientSampleId :

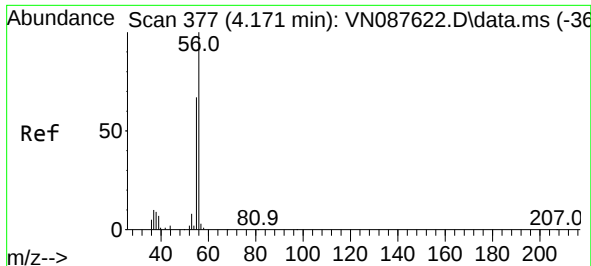
Tgt Ion: 59 Resp: 74733
Ion Ratio Lower Upper
59 100
57 11.7 9.0 13.4



#12
1,1-Dichloroethene
Concen: 17.907 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Tgt Ion: 96 Resp: 57619
Ion Ratio Lower Upper
96 100
61 149.5 143.8 215.8
98 60.4 52.1 78.1

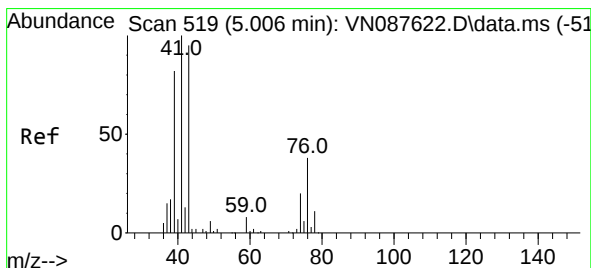
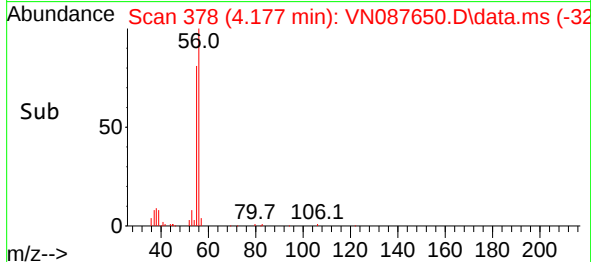
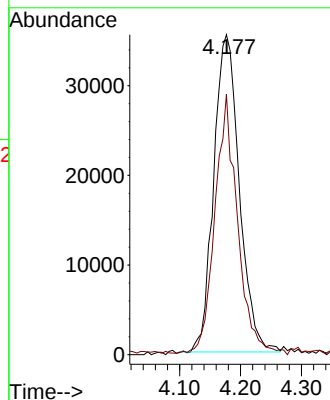
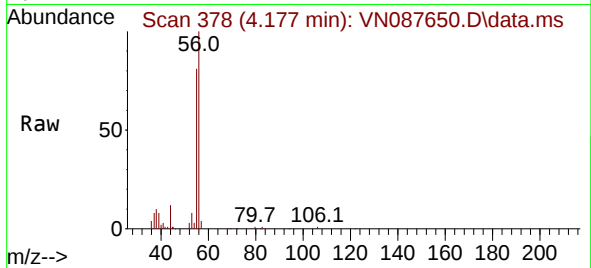




#13
Acrolein
Concen: 105.982 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

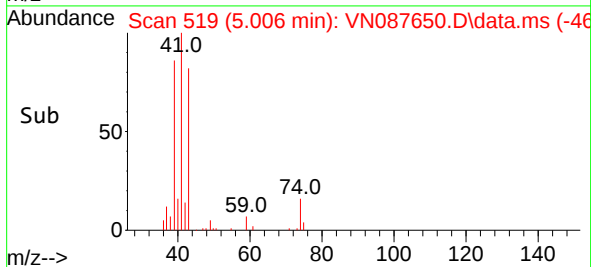
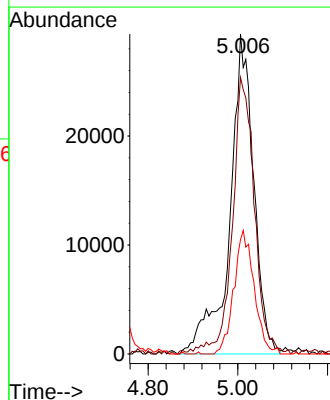
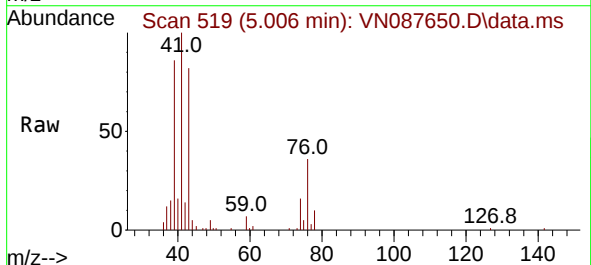
Instrument :
MSVOA_N
ClientSampleId :

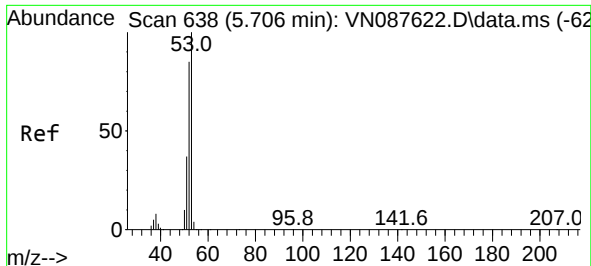
Tgt Ion: 56 Resp: 103430
Ion Ratio Lower Upper
56 100
55 73.3 57.3 85.9



#14
Allyl chloride
Concen: 18.709 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

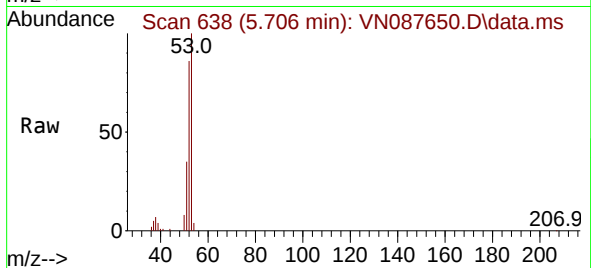
Tgt Ion: 41 Resp: 109090
Ion Ratio Lower Upper
41 100
39 79.3 63.9 95.9
76 32.6 28.1 42.1



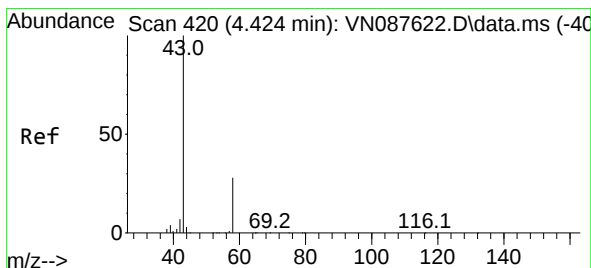
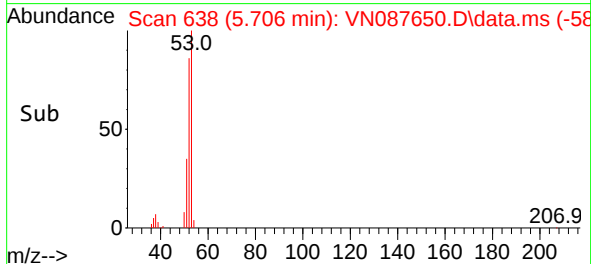
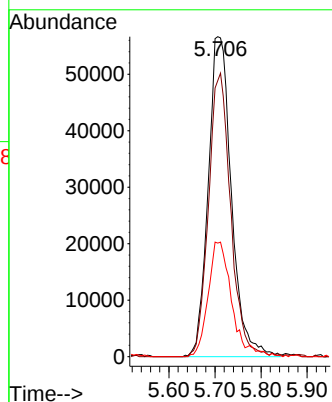


#15
Acrylonitrile
Concen: 88.666 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :

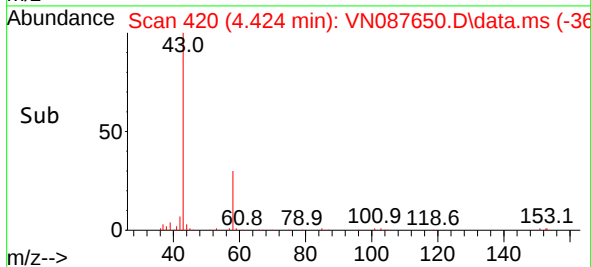
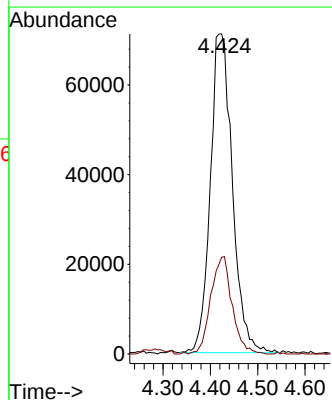
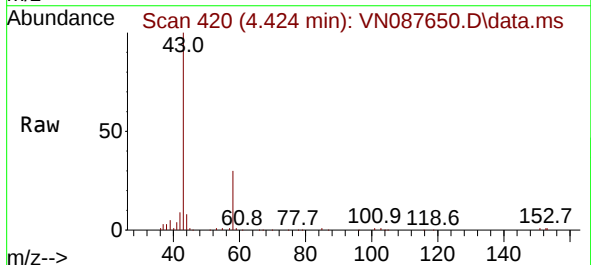


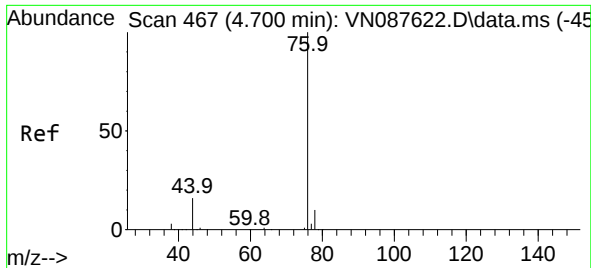
Tgt Ion: 53 Resp: 198506
Ion Ratio Lower Upper
53 100
52 84.4 67.6 101.4
51 36.2 30.1 45.1



#16
Acetone
Concen: 92.687 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Tgt Ion: 43 Resp: 230719
Ion Ratio Lower Upper
43 100
58 30.3 22.6 33.8

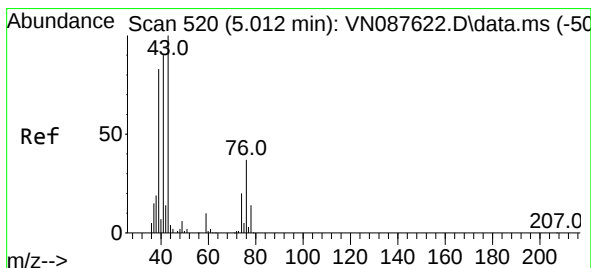
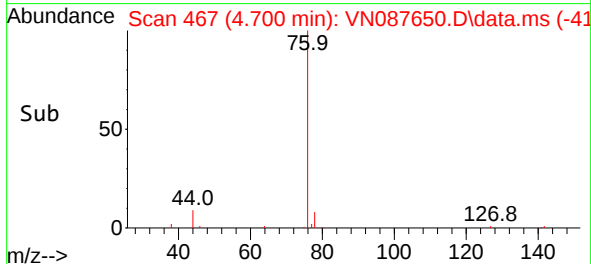
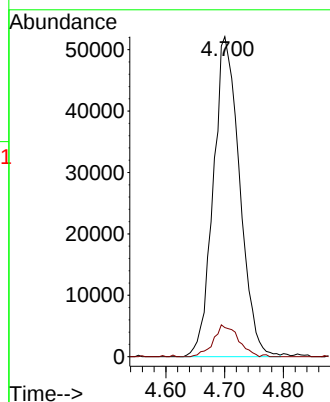
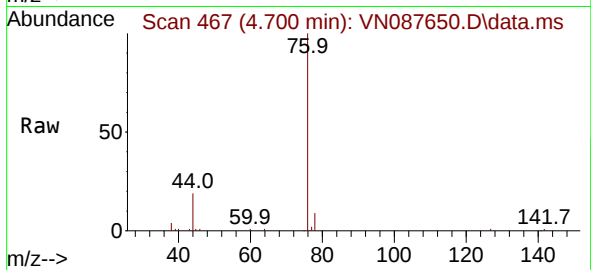




#17
Carbon Disulfide
Concen: 18.297 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

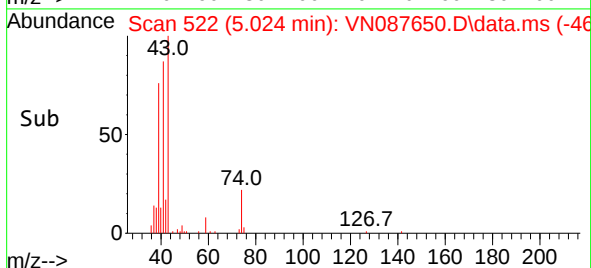
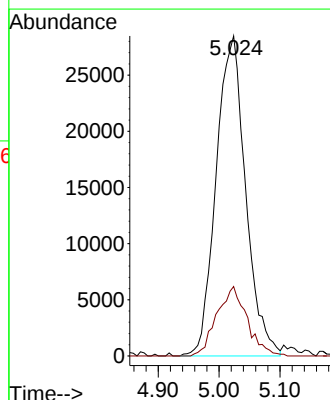
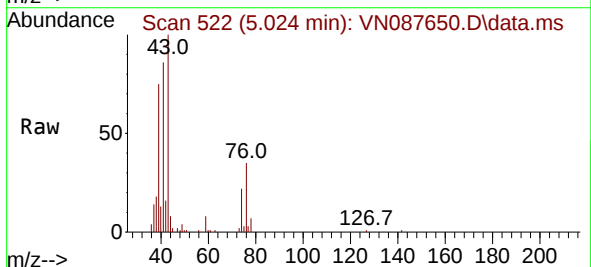
Instrument :
MSVOA_N
ClientSampleId :

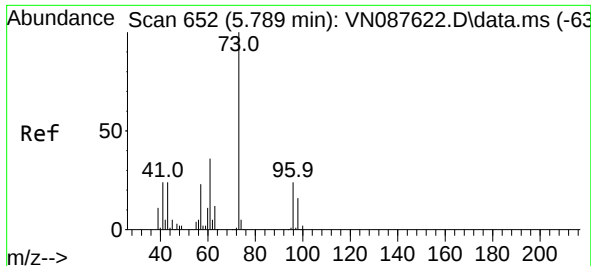
Tgt Ion: 76 Resp: 162082
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 18.422 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Tgt Ion: 43 Resp: 96014
Ion Ratio Lower Upper
43 100
74 22.3 17.6 26.4

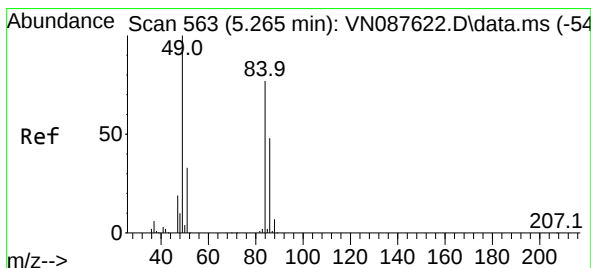
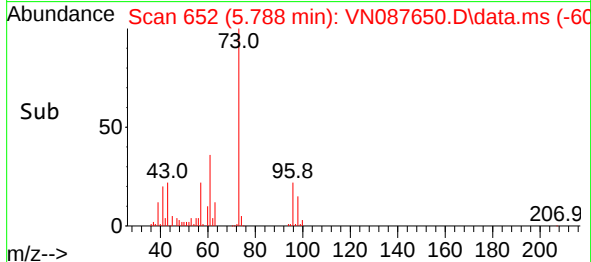
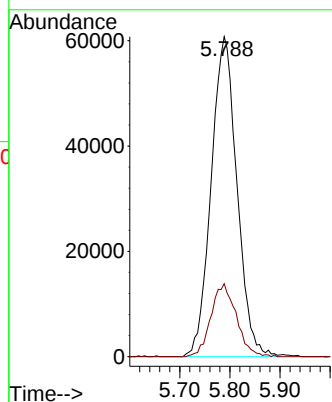
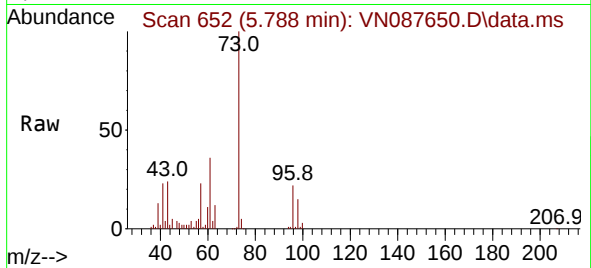




#19
Methyl tert-butyl Ether
Concen: 18.007 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

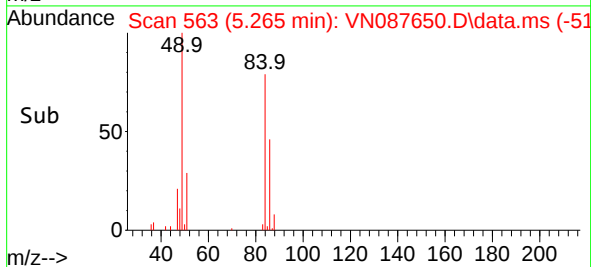
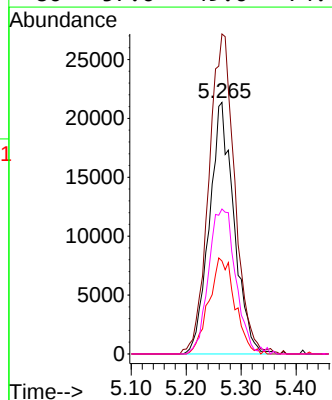
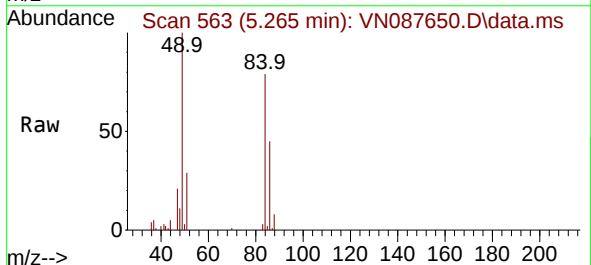
Instrument :
MSVOA_N
ClientSampleId :

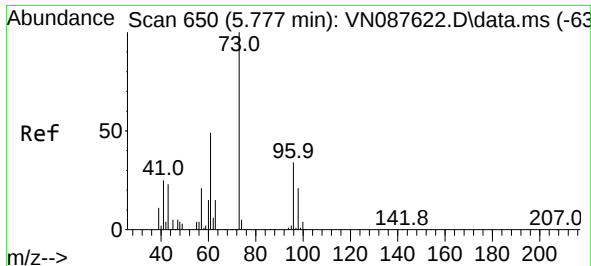
Tgt Ion: 73 Resp: 217356
Ion Ratio Lower Upper
73 100
57 22.8 18.4 27.6



#20
Methylene Chloride
Concen: 17.651 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Tgt Ion: 84 Resp: 66445
Ion Ratio Lower Upper
84 100
49 127.2 103.4 155.2
51 36.9 33.8 50.8
86 57.6 49.6 74.4

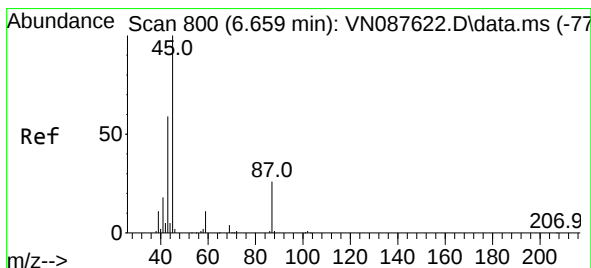
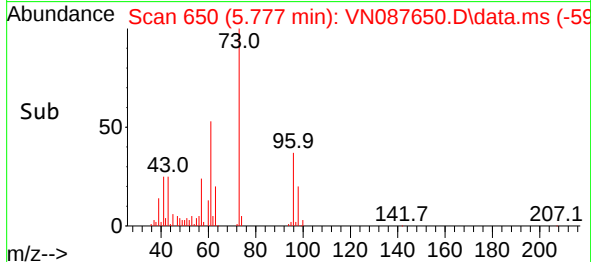
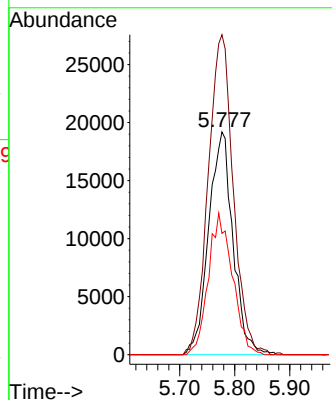
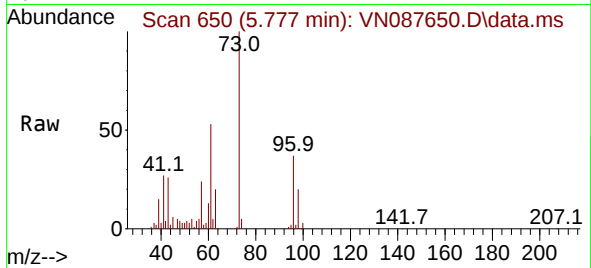




#21
trans-1,2-Dichloroethene
Concen: 16.954 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

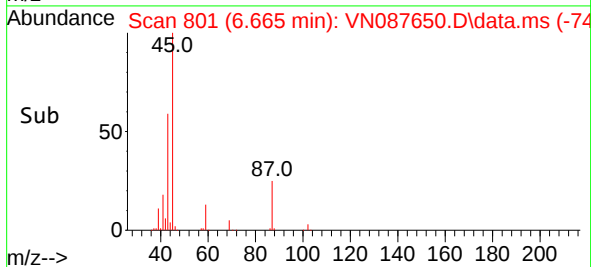
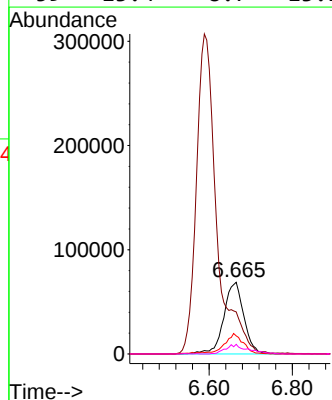
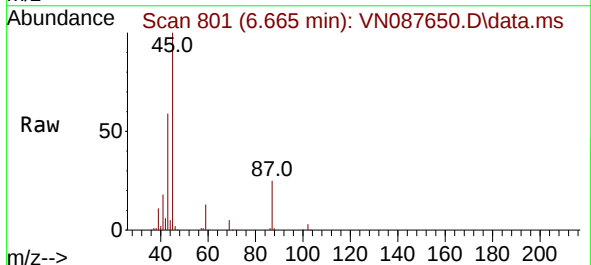
Instrument :
MSVOA_N
ClientSampleId :

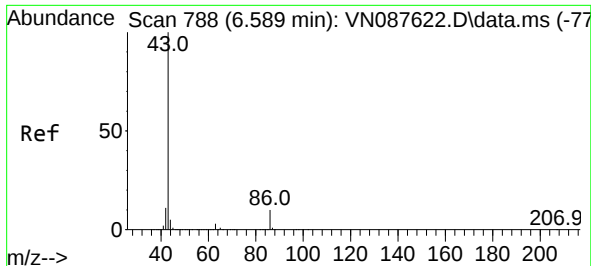
Tgt Ion: 96 Resp: 59125
Ion Ratio Lower Upper
96 100
61 143.6 118.0 177.0
98 54.4 50.0 75.0



#22
Diisopropyl ether
Concen: 18.276 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

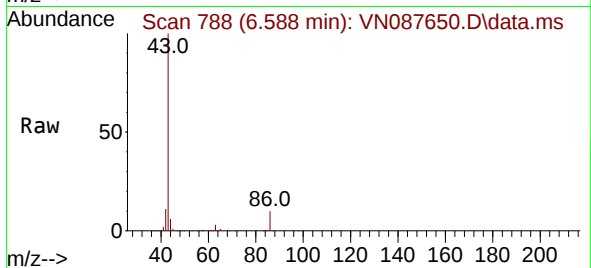
Tgt Ion: 45 Resp: 229975
Ion Ratio Lower Upper
45 100
43 57.7 47.7 71.5
87 25.3 21.4 32.0
59 13.4 8.7 13.1#



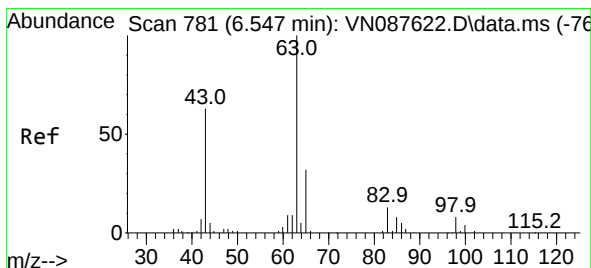
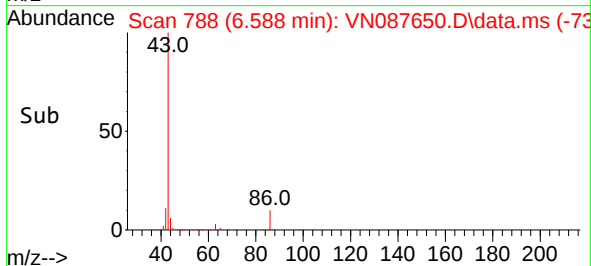
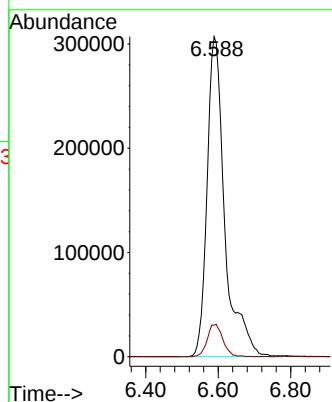


#23
 Vinyl Acetate
 Concen: 90.629 ug/l
 RT: 6.588 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN087650.D
 Acq: 25 Aug 2025 12:21

Instrument :
 MSVOA_N
 ClientSampleId :

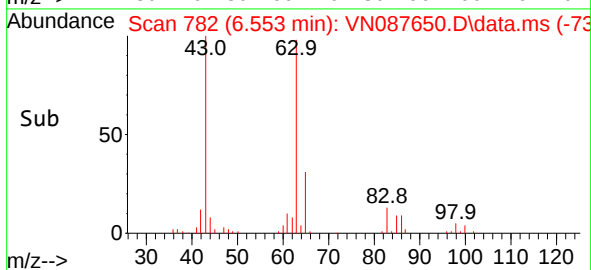
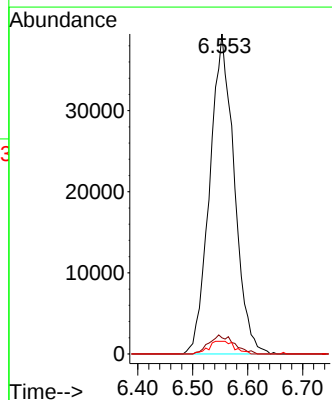
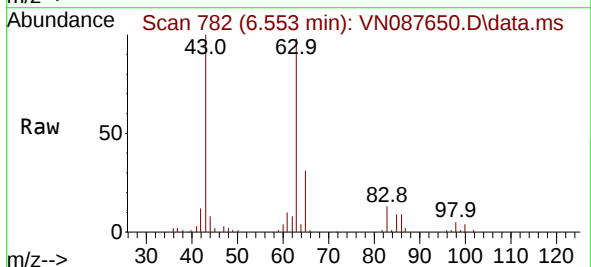


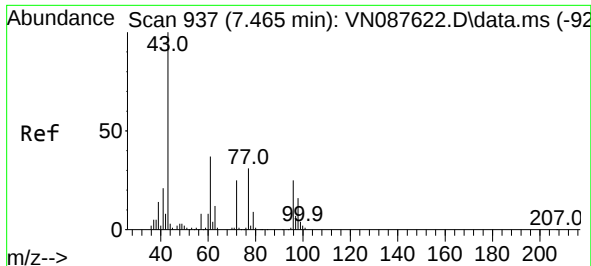
Tgt Ion: 43 Resp: 1037528
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 17.726 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087650.D
 Acq: 25 Aug 2025 12:21

Tgt Ion: 63 Resp: 122293
 Ion Ratio Lower Upper
 63 100
 98 5.0 3.8 11.4
 100 4.0 2.0 6.0

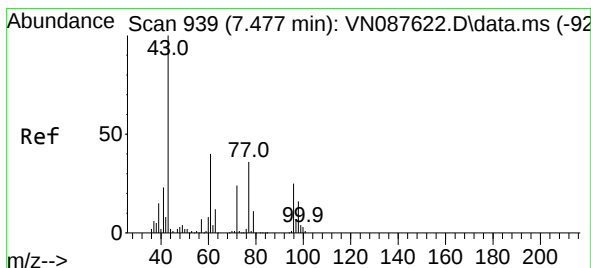
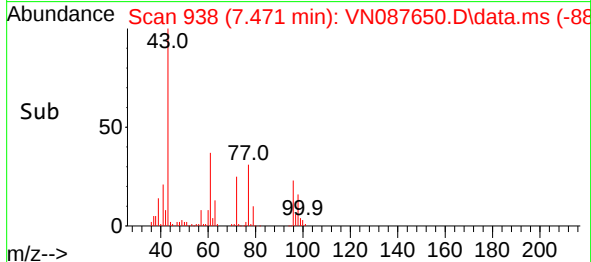
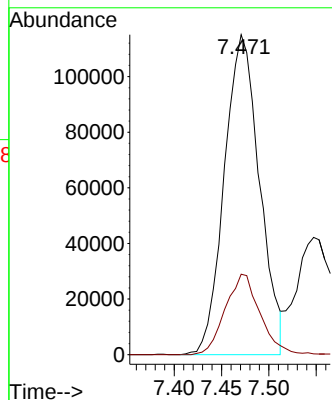
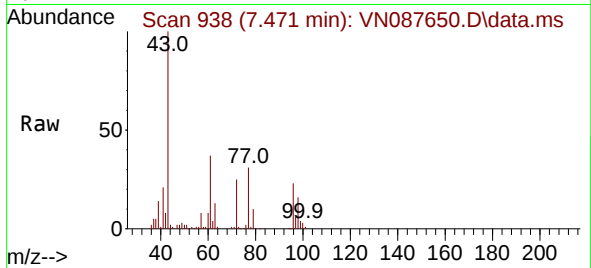




#25
2-Butanone
Concen: 90.865 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

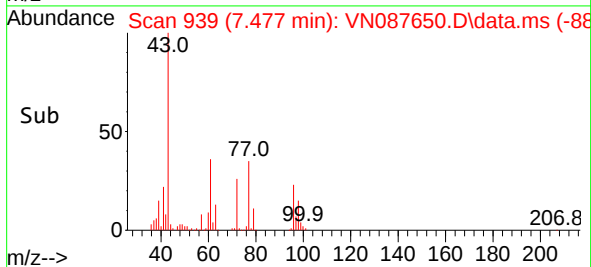
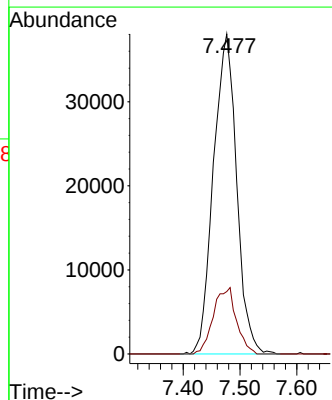
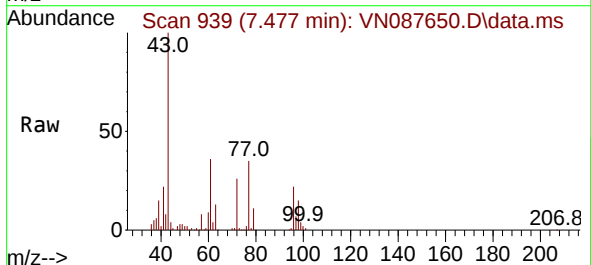
Instrument :
MSVOA_N
ClientSampleId :

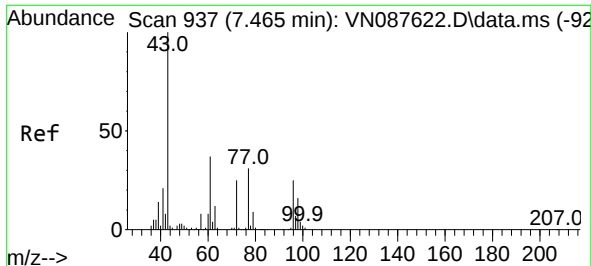
Tgt Ion: 43 Resp: 297574
Ion Ratio Lower Upper
43 100
72 25.2 19.9 29.9



#26
2,2-Dichloropropane
Concen: 18.229 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

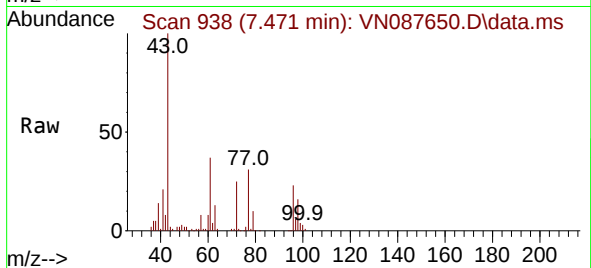
Tgt Ion: 77 Resp: 107942
Ion Ratio Lower Upper
77 100
97 20.6 10.9 32.7



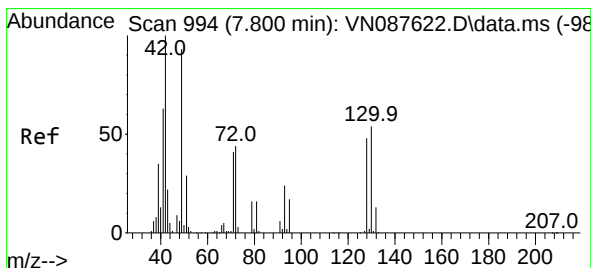
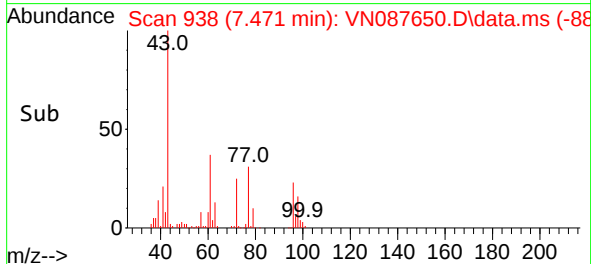
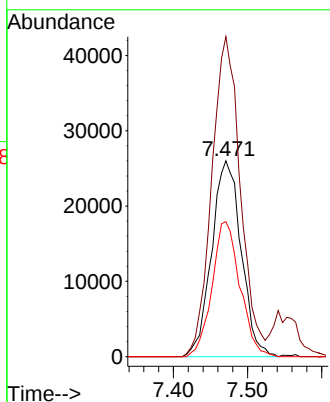


#27
 cis-1,2-Dichloroethene
 Concen: 17.268 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087650.D
 Acq: 25 Aug 2025 12:21

Instrument :
 MSVOA_N
 ClientSampleId :

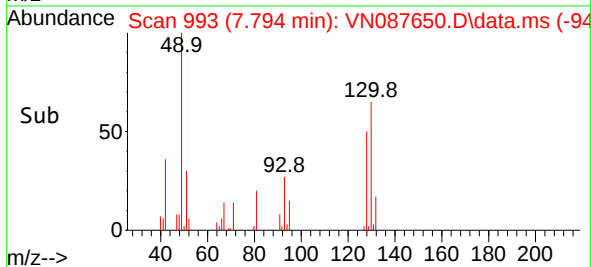
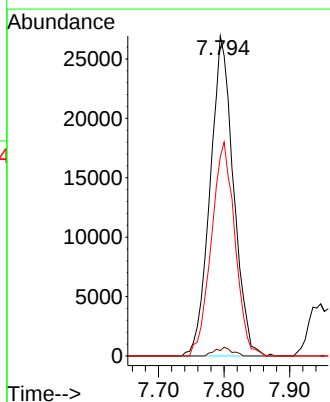
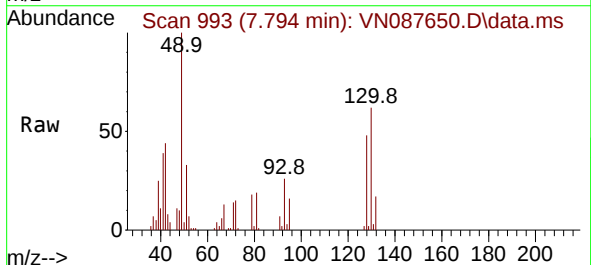


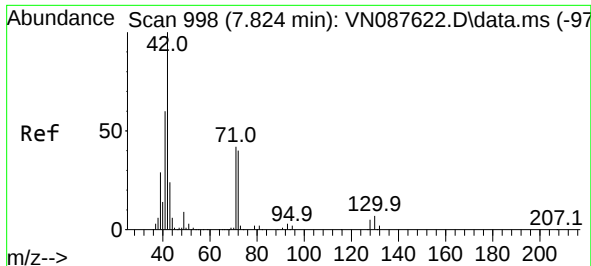
Tgt Ion: 96 Resp: 71989
 Ion Ratio Lower Upper
 96 100
 61 158.3 0.0 301.8
 98 65.2 0.0 126.2



#28
 Bromochloromethane
 Concen: 19.963 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087650.D
 Acq: 25 Aug 2025 12:21

Tgt Ion: 49 Resp: 66584
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.0
 130 67.3 53.1 79.7





#29

Tetrahydrofuran

Concen: 88.047 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

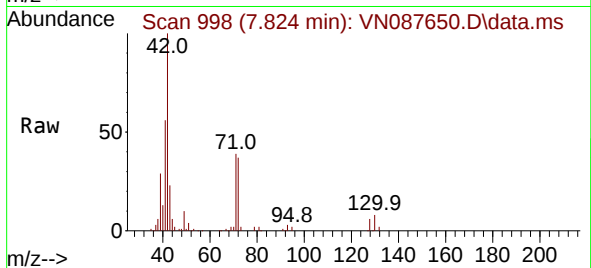
Lab File: VN087650.D

Acq: 25 Aug 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :



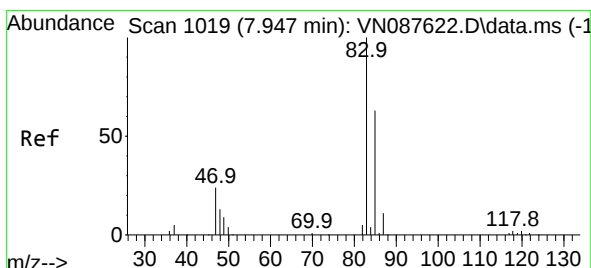
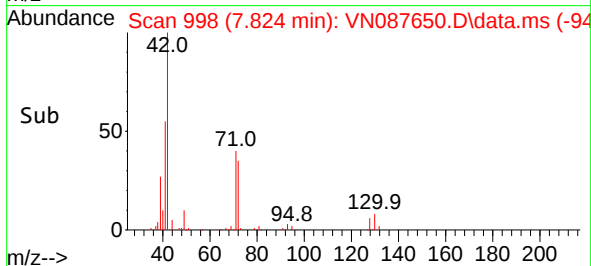
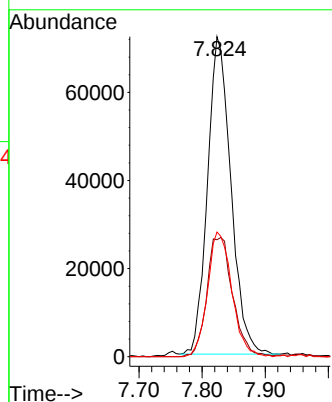
Tgt Ion: 42 Resp: 185567

Ion Ratio Lower Upper

42 100

72 41.5 33.7 50.5

71 40.6 31.9 47.9



#30

Chloroform

Concen: 17.814 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087650.D

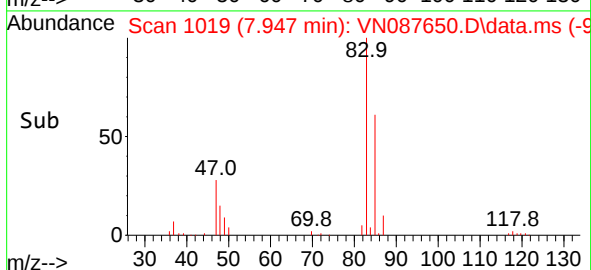
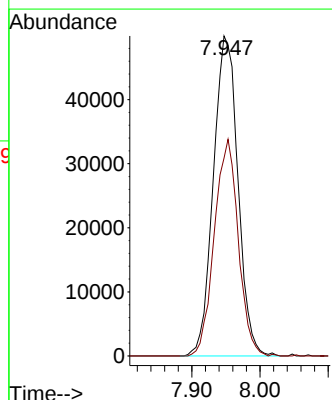
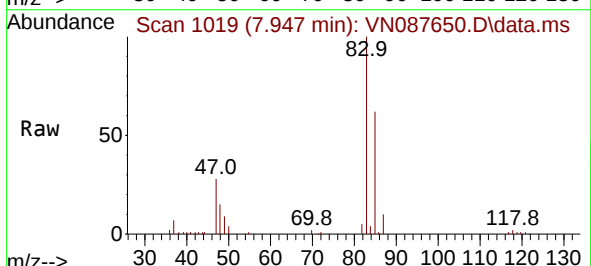
Acq: 25 Aug 2025 12:21

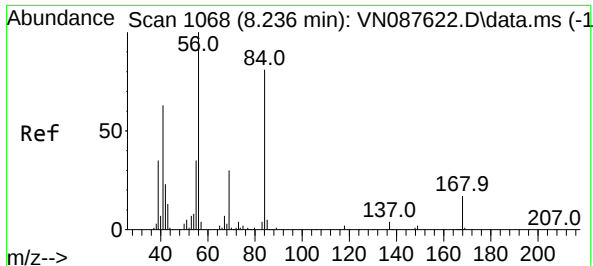
Tgt Ion: 83 Resp: 125444

Ion Ratio Lower Upper

83 100

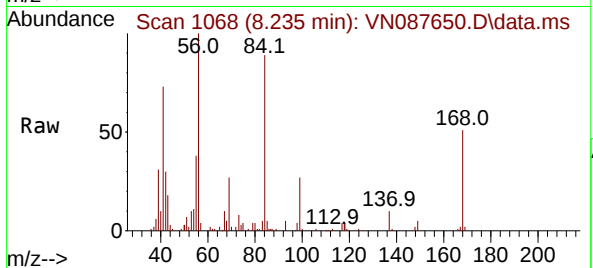
85 61.9 50.7 76.1



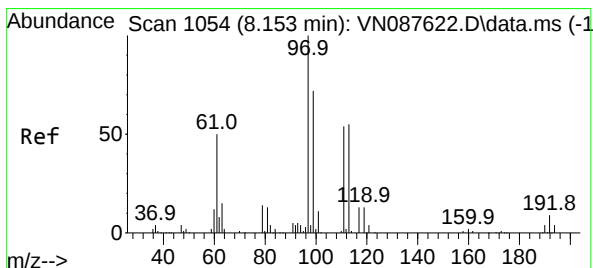
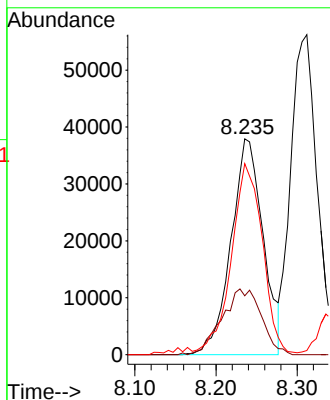
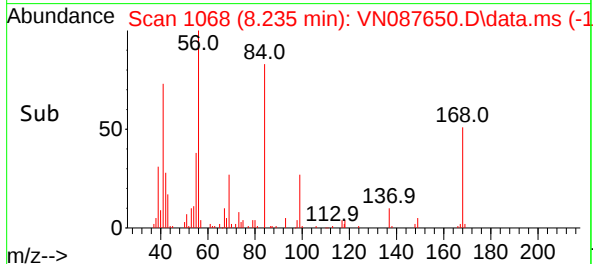


#31
Cyclohexane
Concen: 18.134 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :

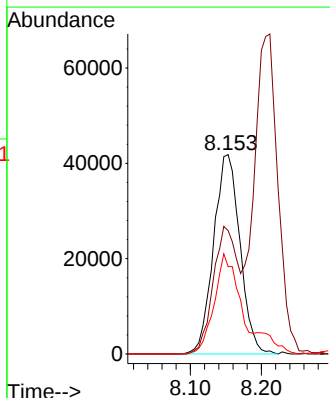
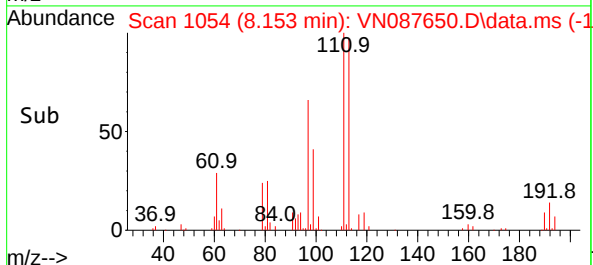
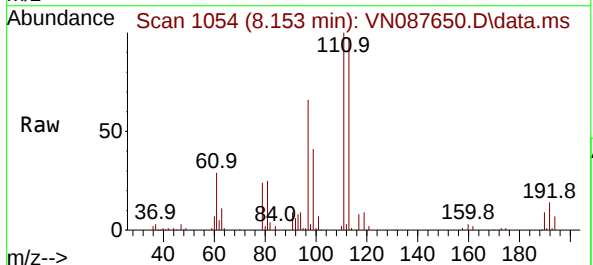


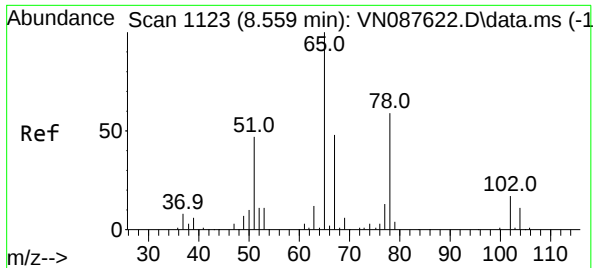
Tgt Ion: 56 Resp: 104300
Ion Ratio Lower Upper
56 100
69 27.3 23.7 35.5
84 85.3 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 18.059 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Tgt Ion: 97 Resp: 107771
Ion Ratio Lower Upper
97 100
99 59.0 52.2 78.2
61 47.3 41.2 61.8

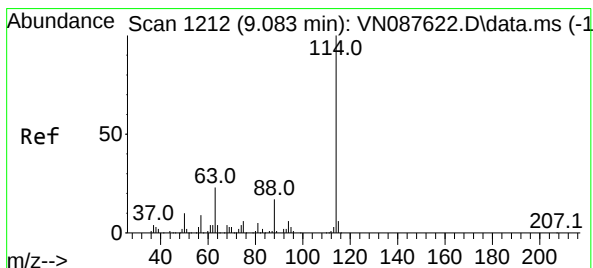
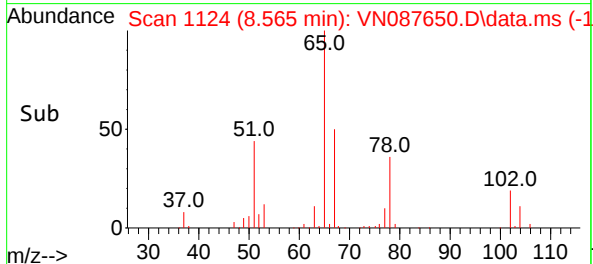
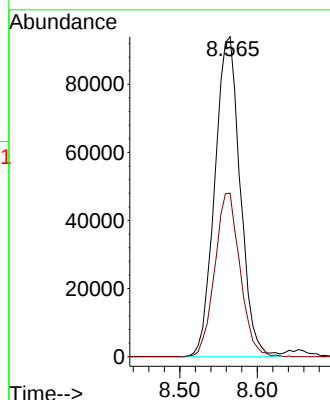
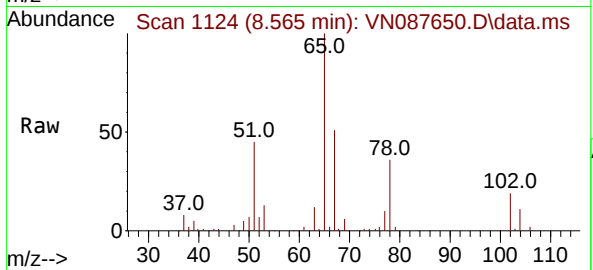




#33
1,2-Dichloroethane-d4
Concen: 46.891 ug/l
RT: 8.565 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

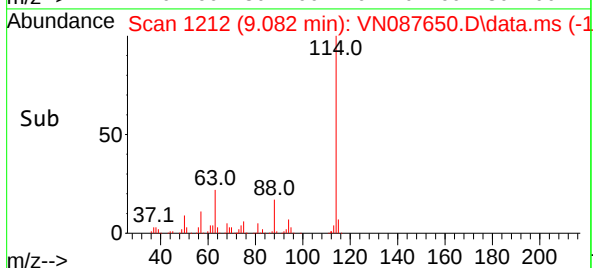
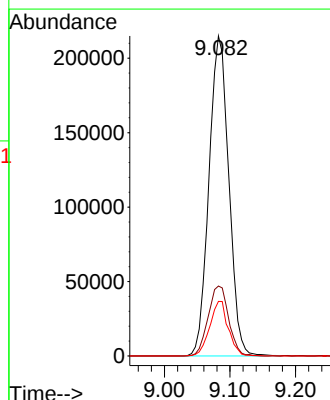
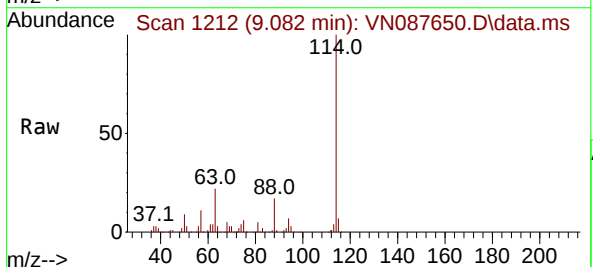
Instrument :
MSVOA_N
ClientSampleId :

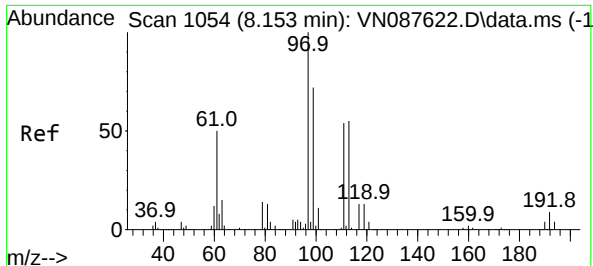
Tgt Ion: 65 Resp: 214419
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Tgt Ion: 114 Resp: 452330
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.2
88 17.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.951 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN087650.D

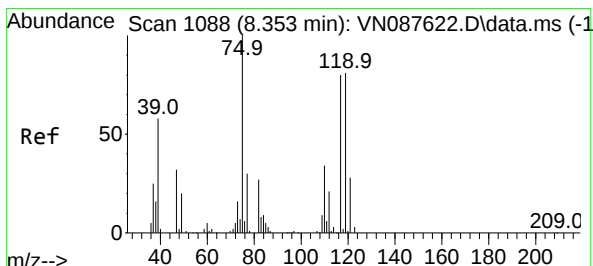
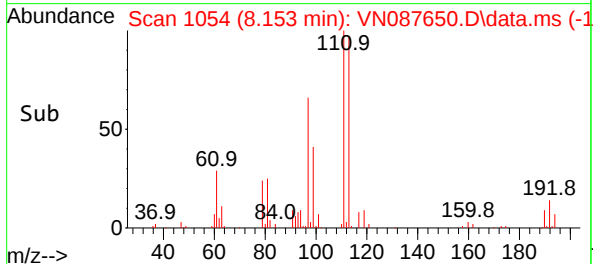
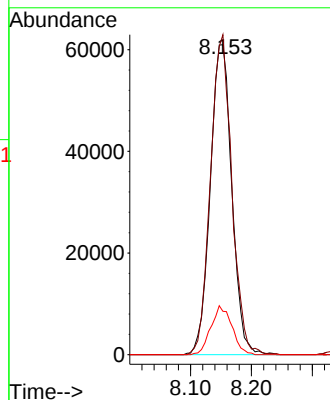
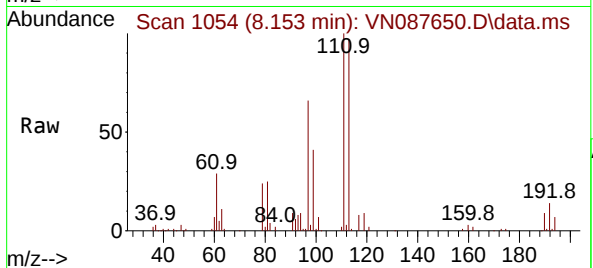
Acq: 25 Aug 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	113	Resp:	150066
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.8	124.2
192	15.4	12.8	19.2



#36

1,1-Dichloropropene

Concen: 16.409 ug/l

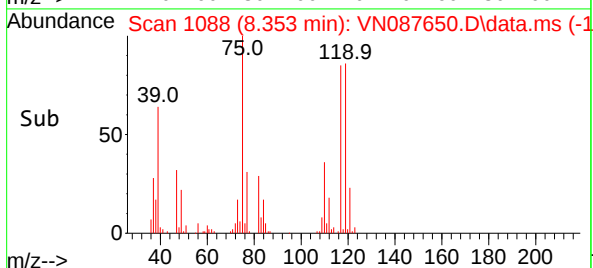
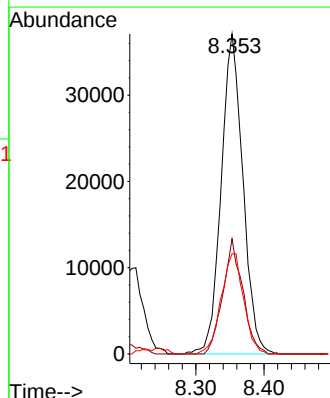
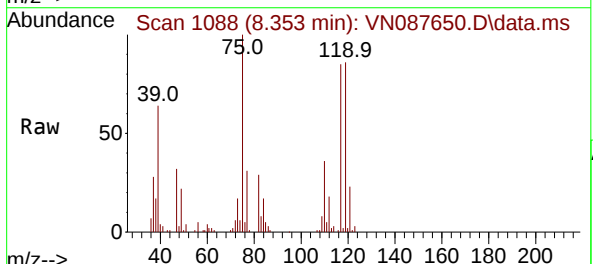
RT: 8.353 min Scan# 1088

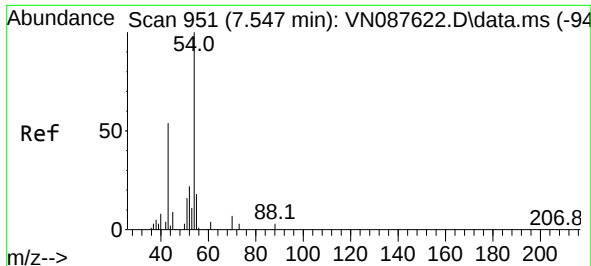
Delta R.T. -0.000 min

Lab File: VN087650.D

Acq: 25 Aug 2025 12:21

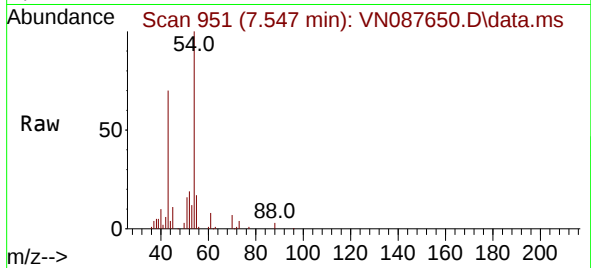
Tgt Ion:	75	Resp:	82214
Ion	Ratio	Lower	Upper
75	100		
110	33.0	15.9	47.6
77	32.6	24.4	36.6



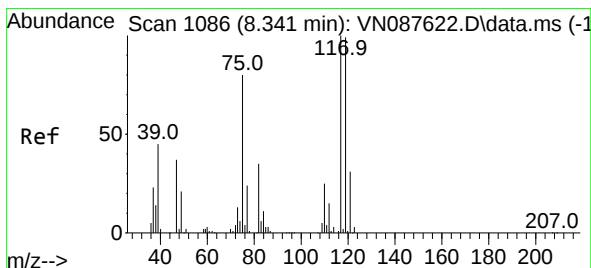
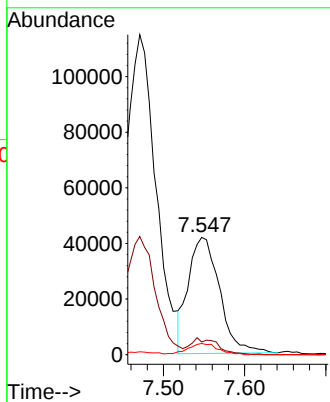
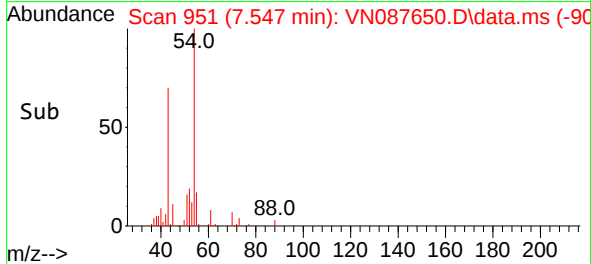


#37
Ethyl Acetate
Concen: 16.366 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :

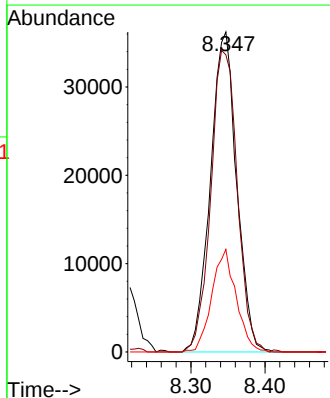
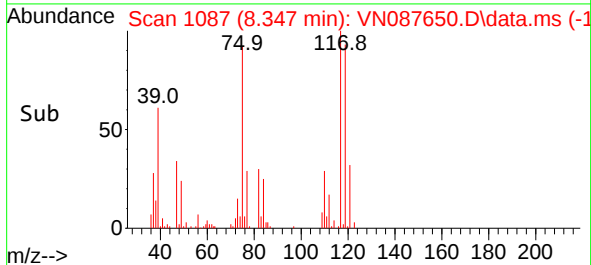
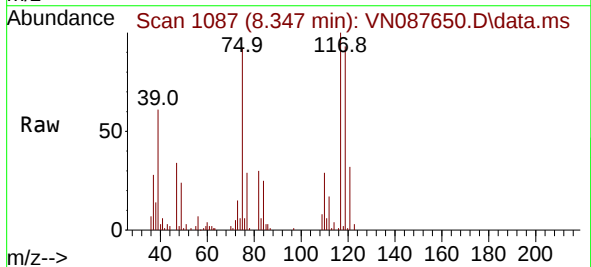


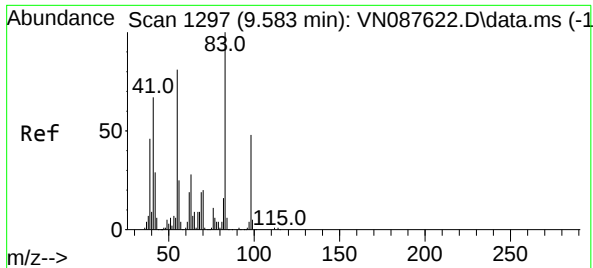
Tgt Ion: 43 Resp: 112045
Ion Ratio Lower Upper
43 100
61 12.3 9.3 13.9
70 9.3 7.0 10.6



#38
Carbon Tetrachloride
Concen: 18.006 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Tgt Ion: 117 Resp: 89068
Ion Ratio Lower Upper
117 100
119 92.8 79.0 118.6
121 32.0 25.0 37.6





#39

Methylcyclohexane

Concen: 16.749 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087650.D

Acq: 25 Aug 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :

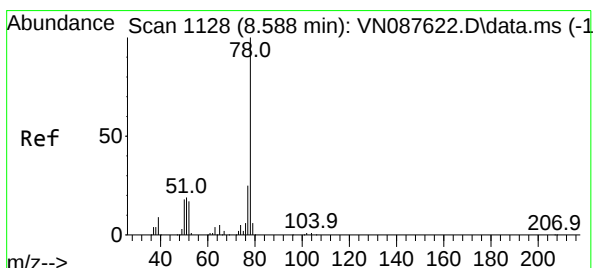
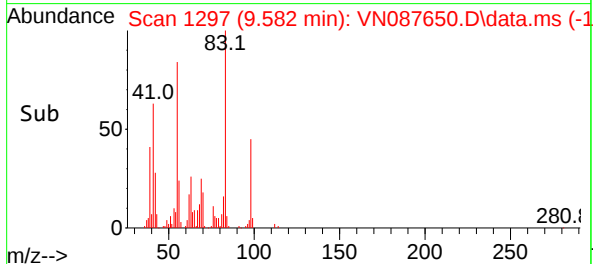
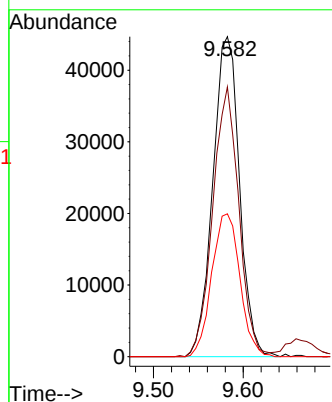
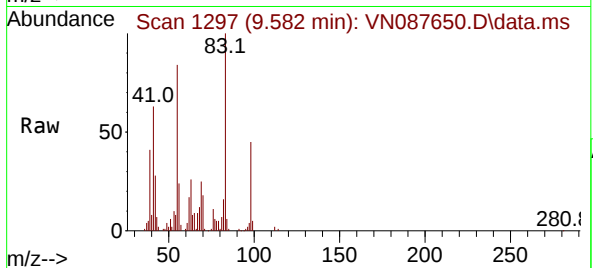
Tgt Ion: 83 Resp: 92389

Ion Ratio Lower Upper

83 100

55 84.0 64.6 96.8

98 44.6 38.4 57.6



#40

Benzene

Concen: 17.412 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087650.D

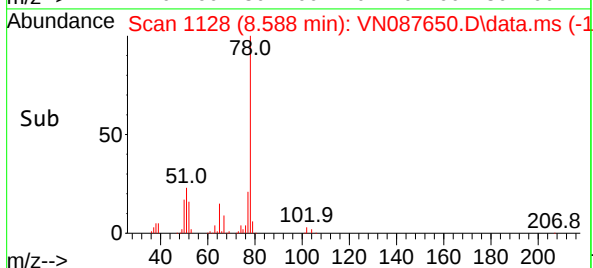
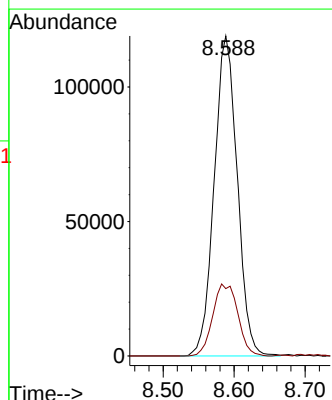
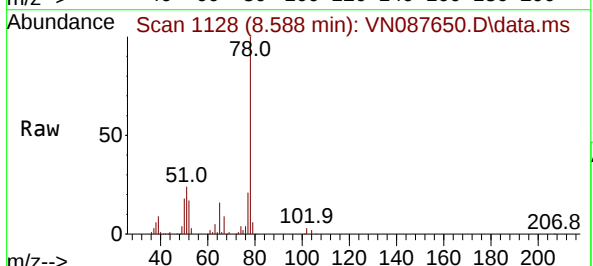
Acq: 25 Aug 2025 12:21

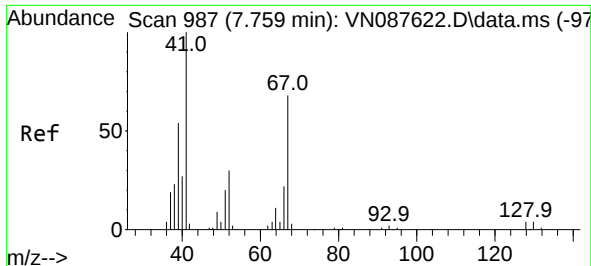
Tgt Ion: 78 Resp: 267561

Ion Ratio Lower Upper

78 100

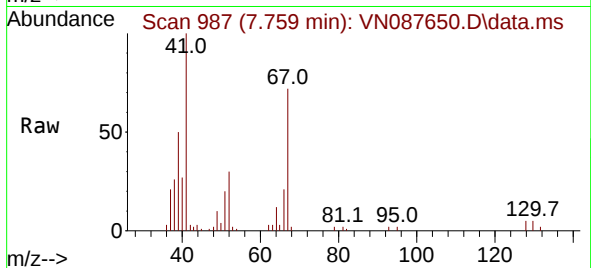
77 21.1 19.7 29.5



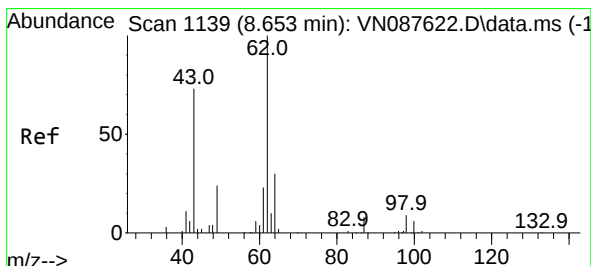
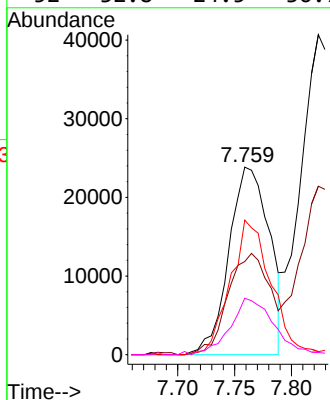
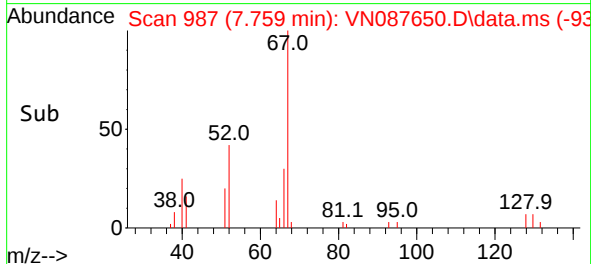


#41
Methacrylonitrile
Concen: 16.632 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

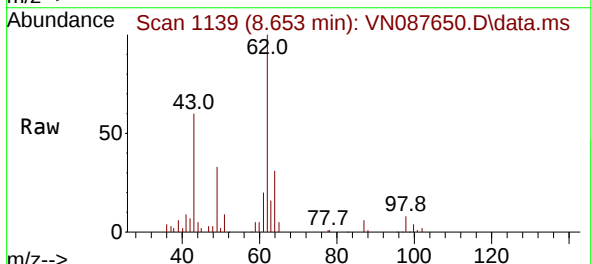
Instrument :
MSVOA_N
ClientSampleId :



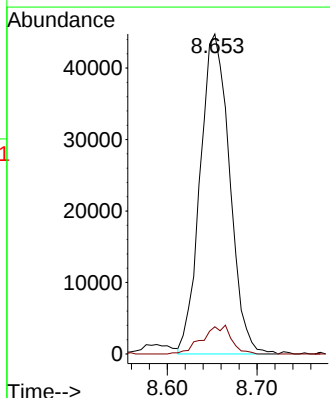
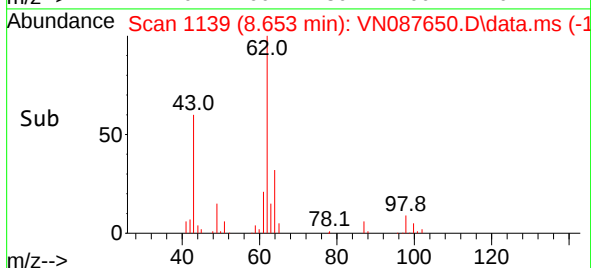
Tgt Ion:	41	Resp:	58984
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.4	68.0
67	72.8	55.3	82.9
52	32.8	24.5	36.7

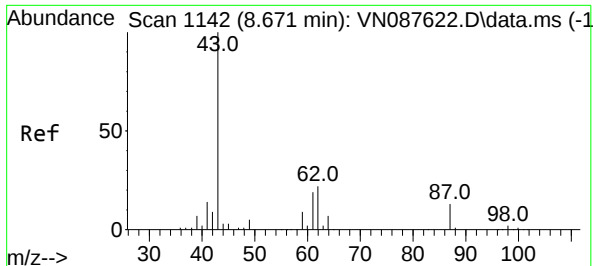


#42
1,2-Dichloroethane
Concen: 17.286 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21



Tgt Ion:	62	Resp:	102076
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.4

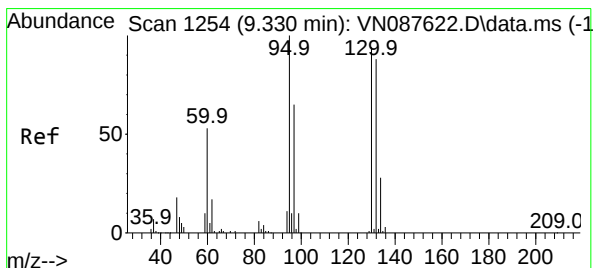
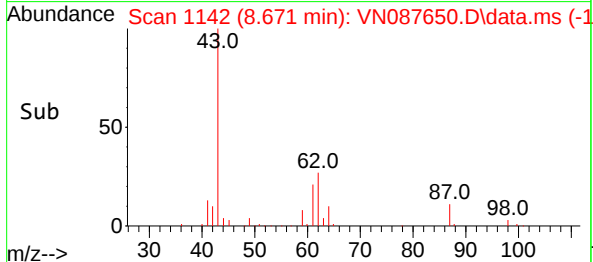
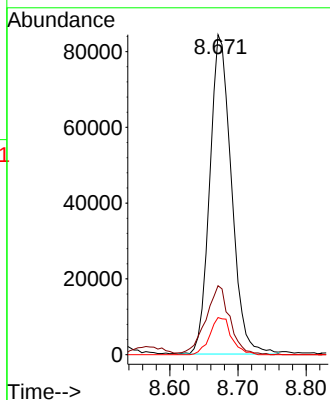
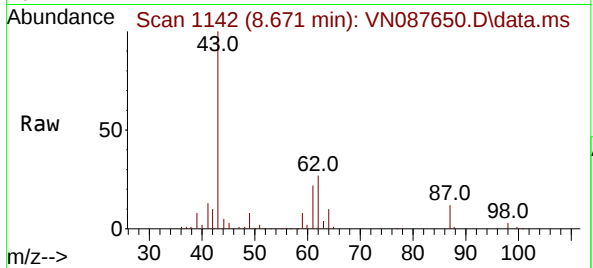




#43
Isopropyl Acetate
Concen: 17.461 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

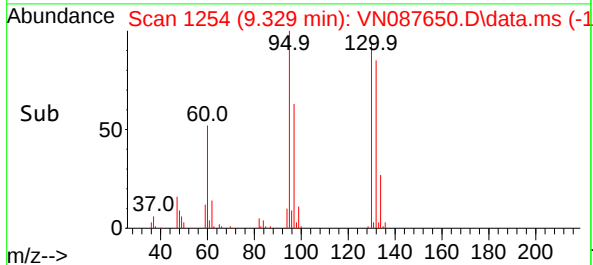
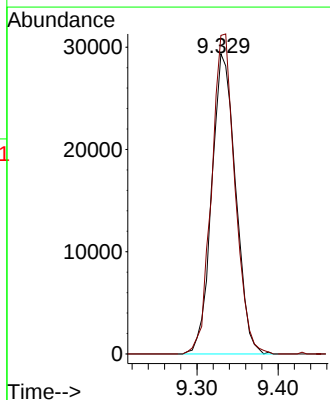
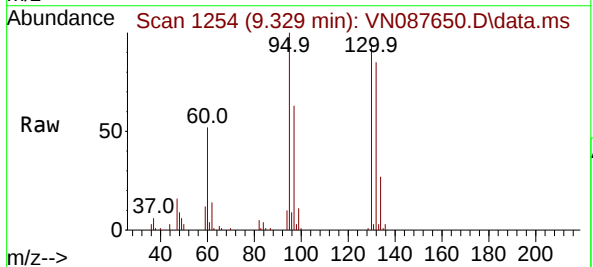
Instrument :
MSVOA_N
ClientSampleId :

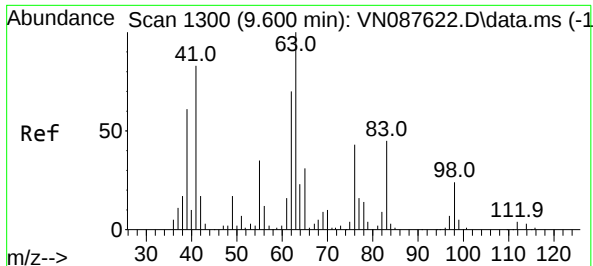
Tgt Ion: 43 Resp: 186641
Ion Ratio Lower Upper
43 100
61 23.9 18.8 28.2
87 11.6 9.6 14.4



#44
Trichloroethene
Concen: 17.139 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Tgt Ion:130 Resp: 60129
Ion Ratio Lower Upper
130 100
95 106.1 0.0 212.0





#45

1,2-Dichloropropane

Concen: 16.644 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087650.D

Acq: 25 Aug 2025 12:21

Instrument :

MSVOA_N

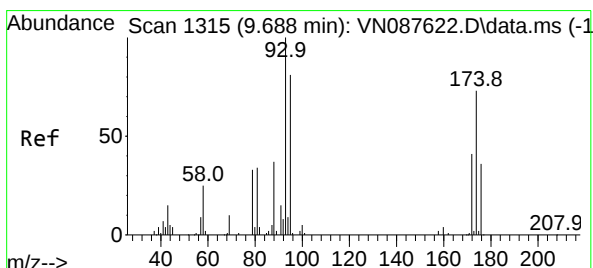
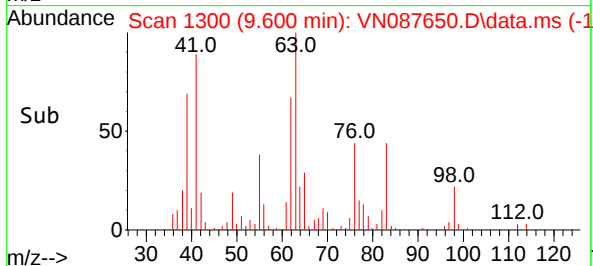
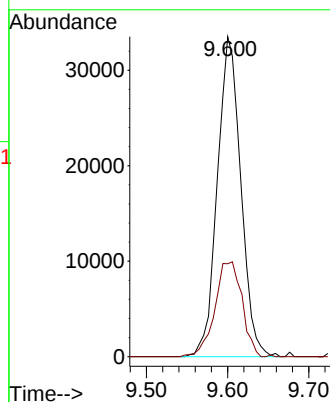
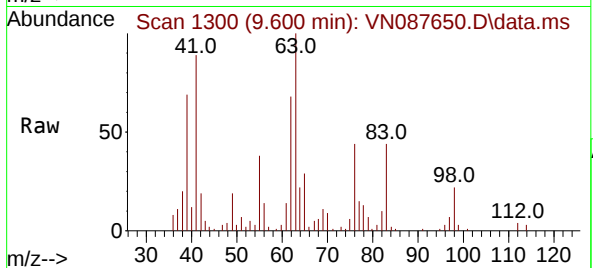
ClientSampleId :

Tgt Ion: 63 Resp: 67419

Ion Ratio Lower Upper

63 100

65 29.1 25.0 37.4



#46

Dibromomethane

Concen: 18.156 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087650.D

Acq: 25 Aug 2025 12:21

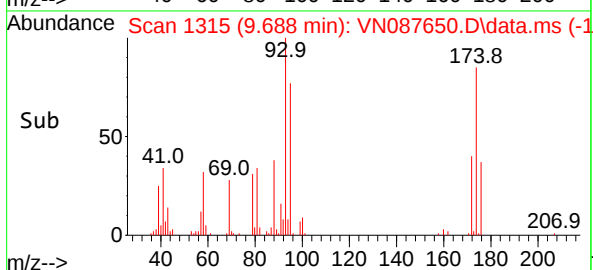
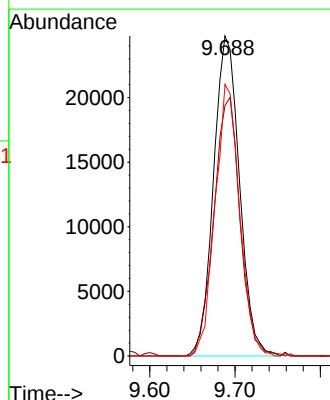
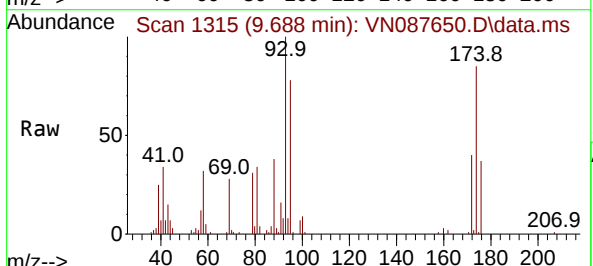
Tgt Ion: 93 Resp: 52335

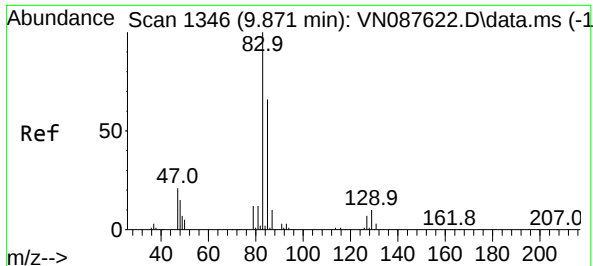
Ion Ratio Lower Upper

93 100

95 81.5 66.2 99.4

174 80.6 63.4 95.2





#47

Bromodichloromethane

Concen: 17.241 ug/l

RT: 9.871 min Scan# 1346

Delta R.T. -0.000 min

Lab File: VN087650.D

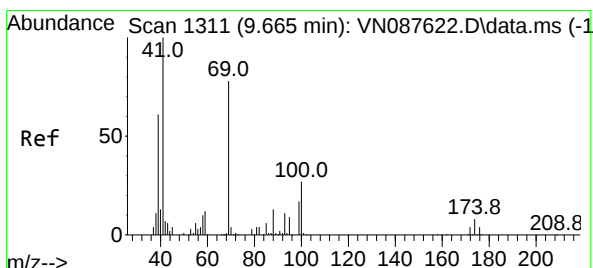
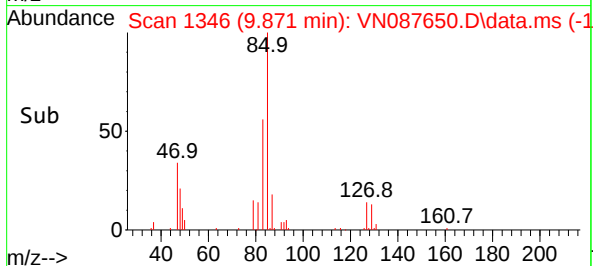
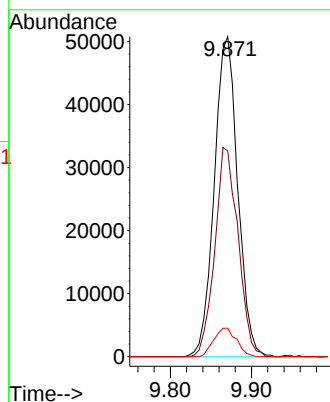
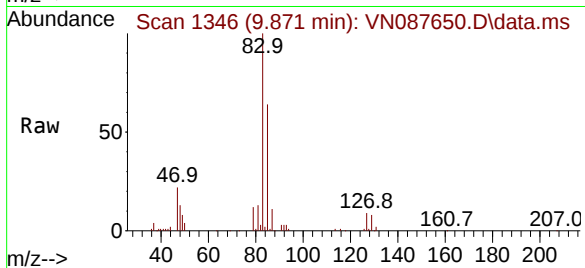
Acq: 25 Aug 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	83	Resp:	101851
Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.5	78.7
127	8.9	5.8	8.6#



#48

Methyl methacrylate

Concen: 16.176 ug/l

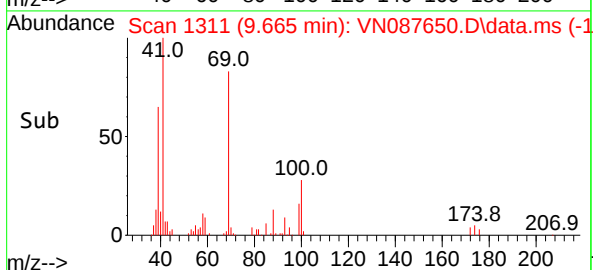
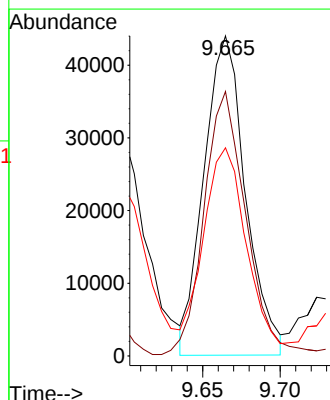
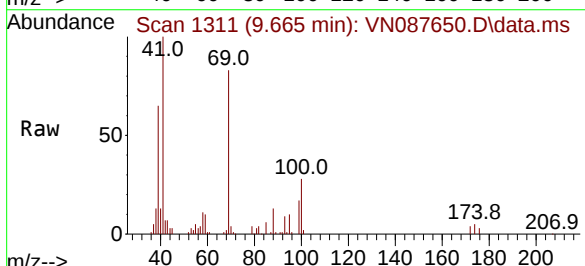
RT: 9.665 min Scan# 1311

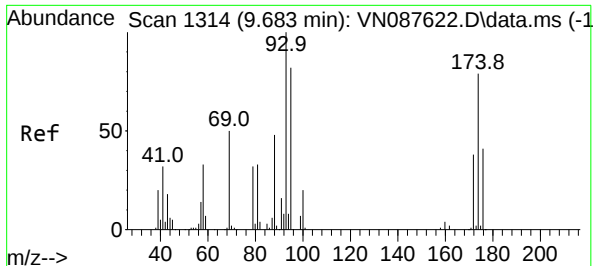
Delta R.T. -0.000 min

Lab File: VN087650.D

Acq: 25 Aug 2025 12:21

Tgt Ion:	41	Resp:	81785
Ion	Ratio	Lower	Upper
41	100		
69	85.3	62.7	94.1
39	68.6	52.9	79.3





#49

1,4-Dioxane

Concen: 386.854 ug/l

RT: 9.682 min Scan# 11

Delta R.T. -0.000 min

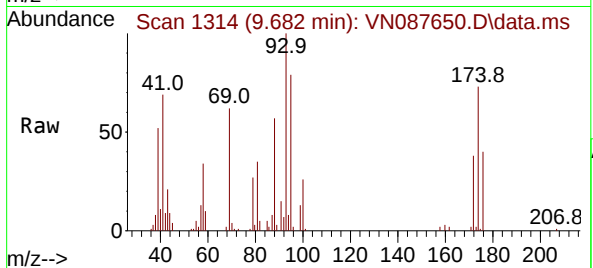
Lab File: VN087650.D

Acq: 25 Aug 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :



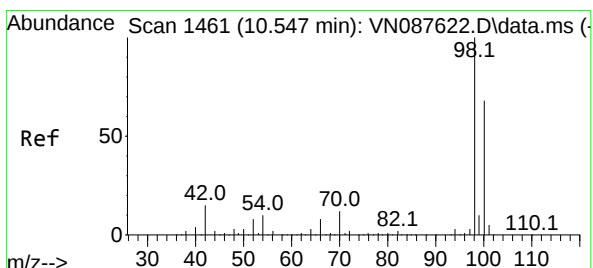
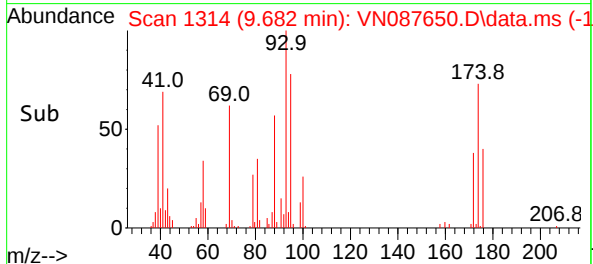
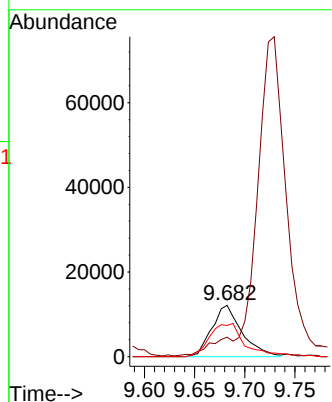
Tgt Ion: 88 Resp: 25351

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 76.8 57.9 86.9



#50

Toluene-d8

Concen: 45.330 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087650.D

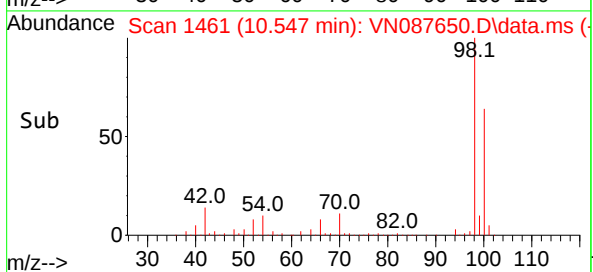
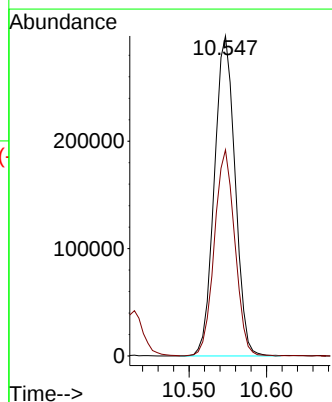
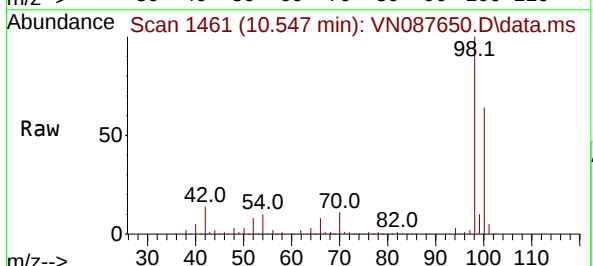
Acq: 25 Aug 2025 12:21

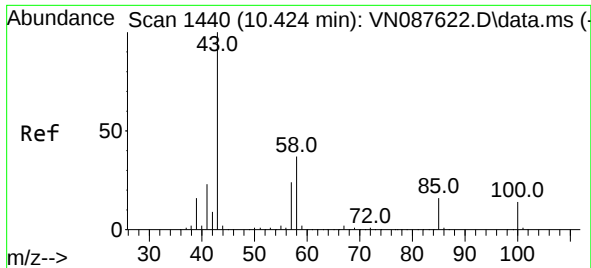
Tgt Ion: 98 Resp: 554082

Ion Ratio Lower Upper

98 100

100 63.6 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 88.252 ug/l

RT: 10.429 min Scan# 1440

Delta R.T. 0.006 min

Lab File: VN087650.D

Acq: 25 Aug 2025 12:21

Instrument :

MSVOA_N

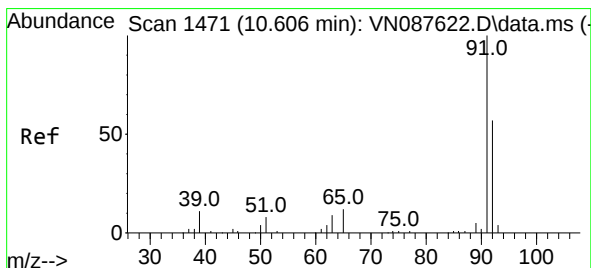
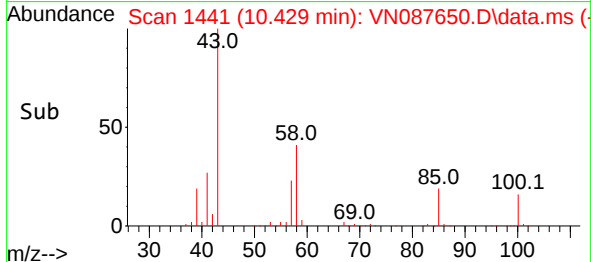
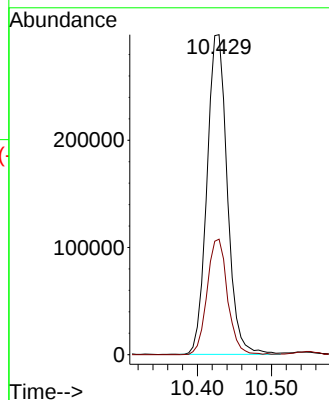
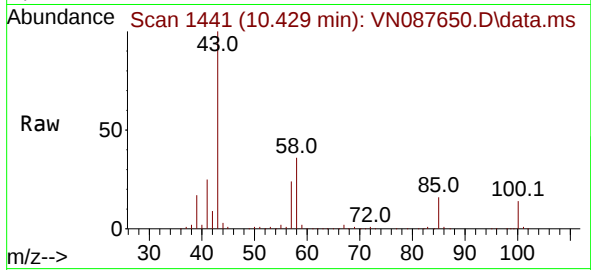
ClientSampleId :

Tgt Ion: 43 Resp: 569141

Ion Ratio Lower Upper

43 100

58 36.4 29.6 44.4



#52

Toluene

Concen: 17.380 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VN087650.D

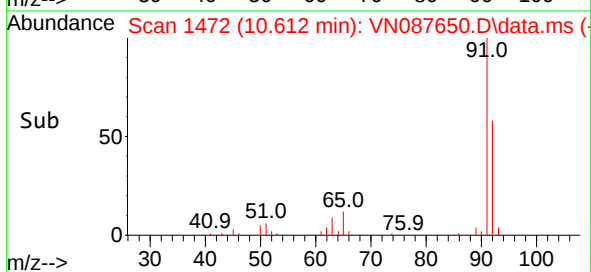
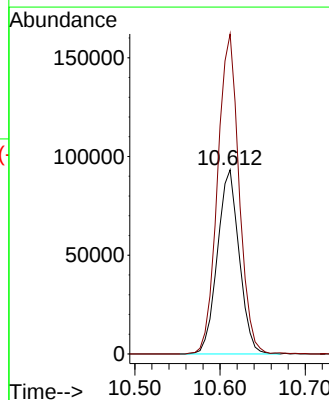
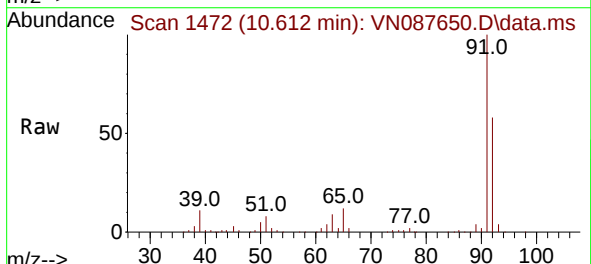
Acq: 25 Aug 2025 12:21

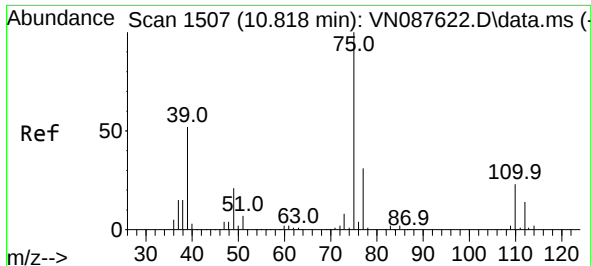
Tgt Ion: 92 Resp: 165573

Ion Ratio Lower Upper

92 100

91 171.4 140.4 210.6

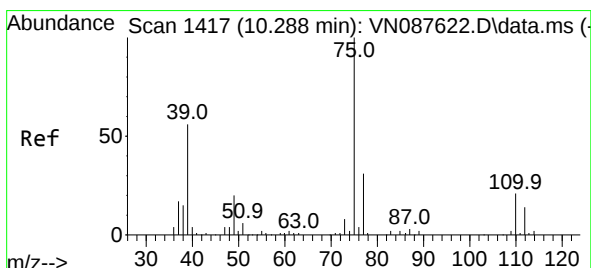
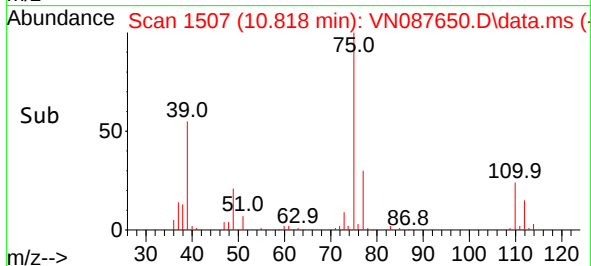
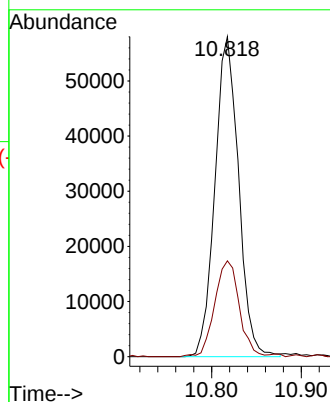
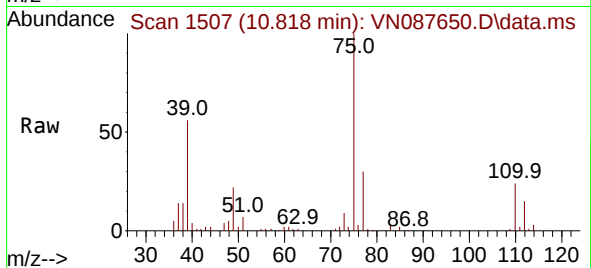




#53
t-1,3-Dichloropropene
Concen: 17.347 ug/l
RT: 10.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

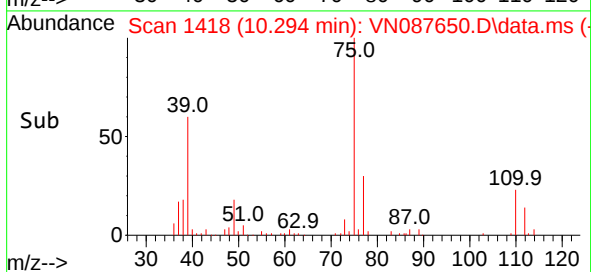
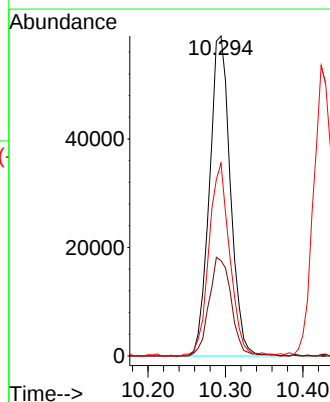
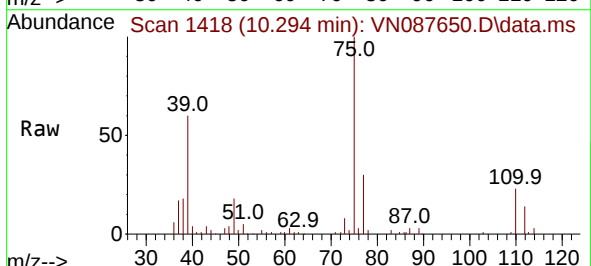
Instrument :
MSVOA_N
ClientSampleId :

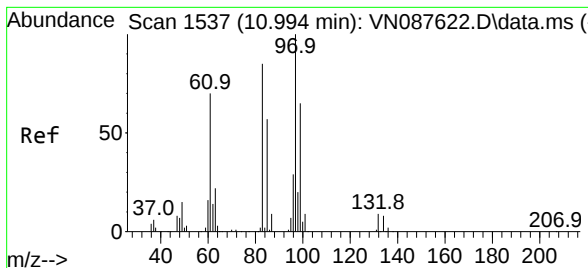
Tgt Ion: 75 Resp: 106076
Ion Ratio Lower Upper
75 100
77 30.0 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 17.459 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

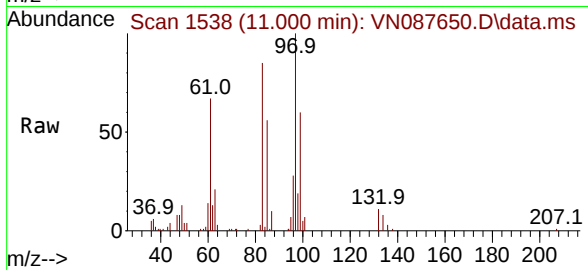
Tgt Ion: 75 Resp: 110849
Ion Ratio Lower Upper
75 100
77 29.8 24.6 37.0
39 60.3 45.2 67.8



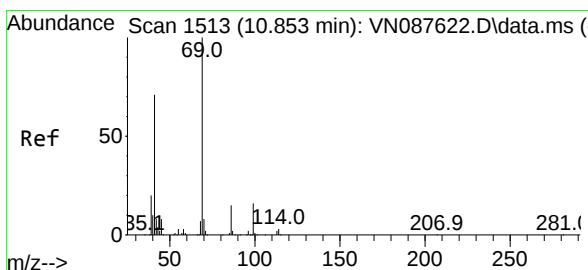
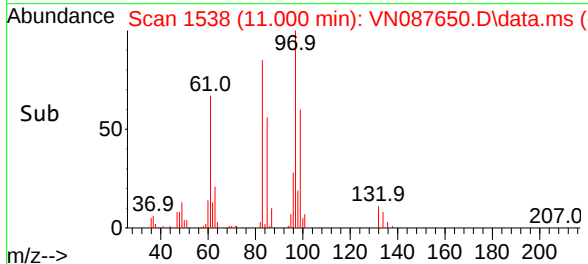
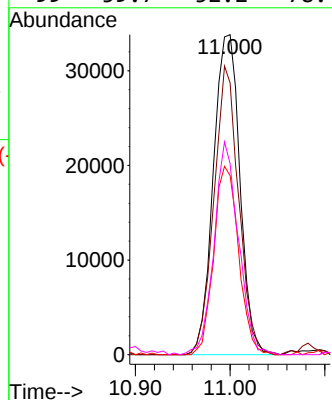


#55
1,1,2-Trichloroethane
Concen: 17.835 ug/l
RT: 11.000 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :

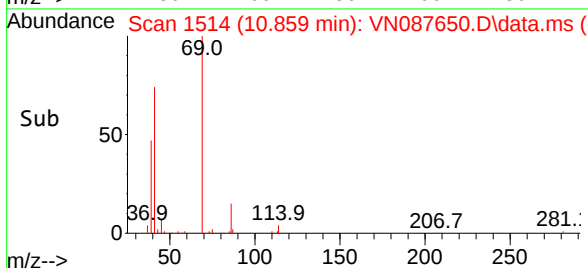
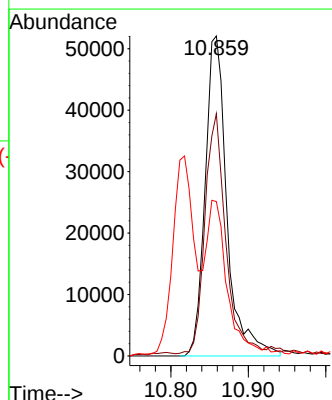
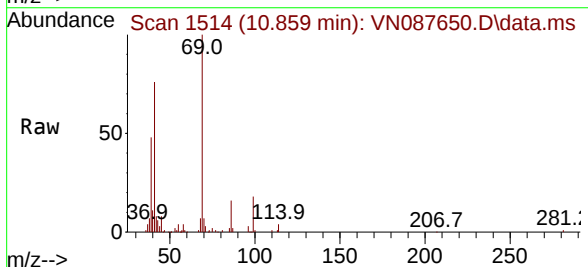


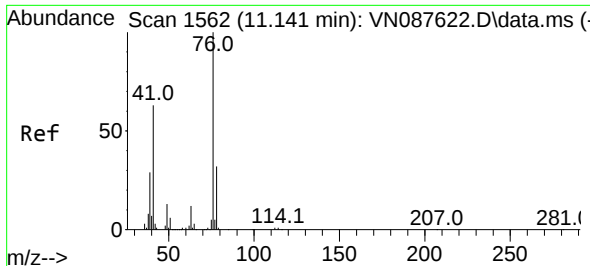
Tgt Ion: 97 Resp: 65727
Ion Ratio Lower Upper
97 100
83 84.9 68.2 102.4
85 55.9 45.5 68.3
99 59.7 52.2 78.4



#56
Ethyl methacrylate
Concen: 17.352 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Tgt Ion: 69 Resp: 102199
Ion Ratio Lower Upper
69 100
41 72.7 56.5 84.7
39 48.5 34.2 51.4





#57

1,3-Dichloropropane

Concen: 17.798 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN087650.D

Acq: 25 Aug 2025 12:21

Instrument :

MSVOA_N

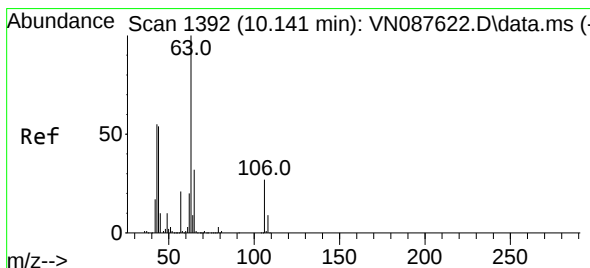
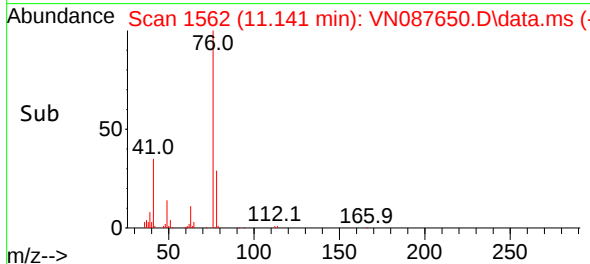
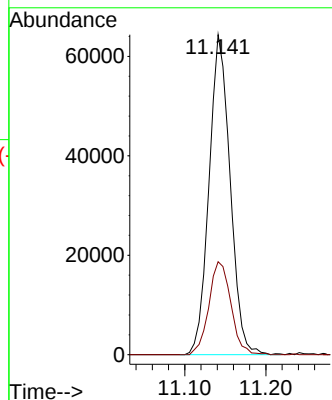
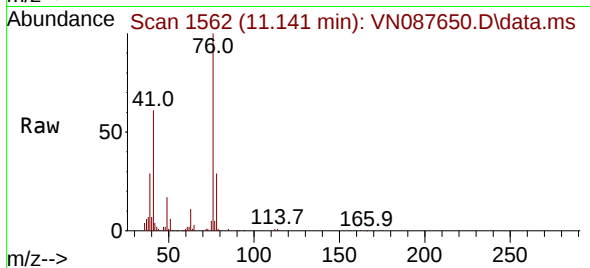
ClientSampleId :

Tgt Ion: 76 Resp: 116080

Ion Ratio Lower Upper

76 100

78 30.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 98.243 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087650.D

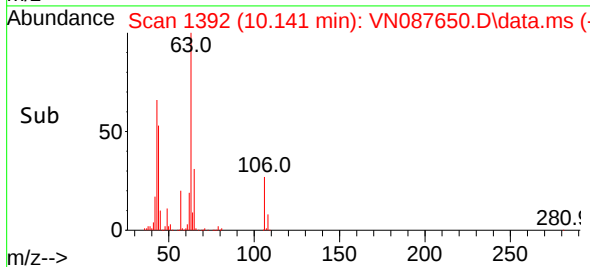
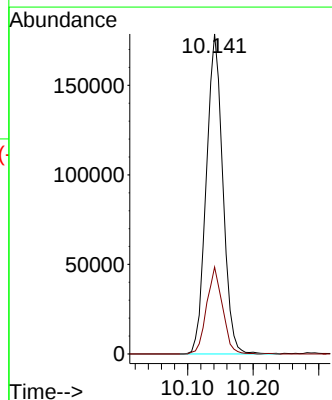
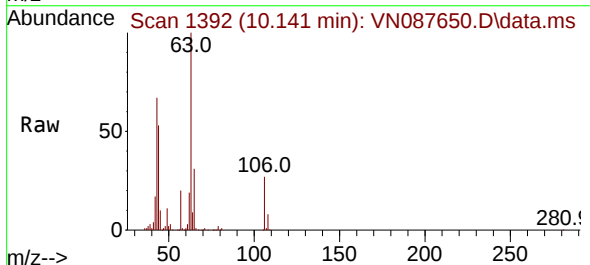
Acq: 25 Aug 2025 12:21

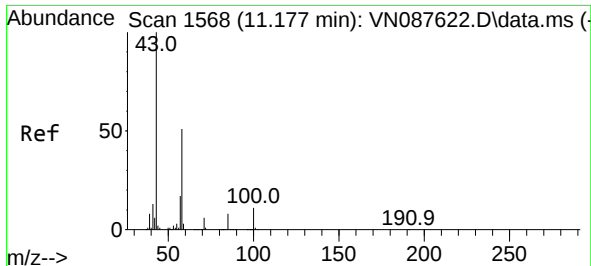
Tgt Ion: 63 Resp: 313174

Ion Ratio Lower Upper

63 100

106 26.1 21.1 31.7

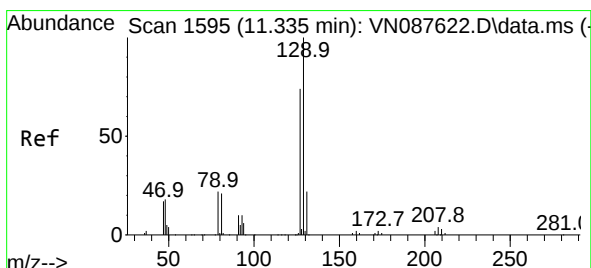
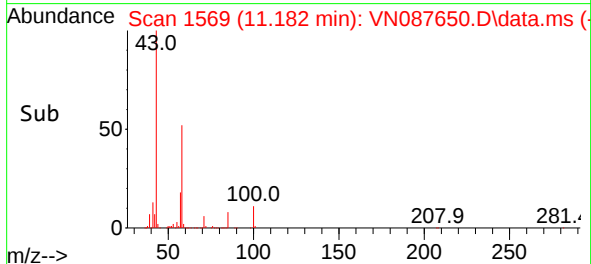
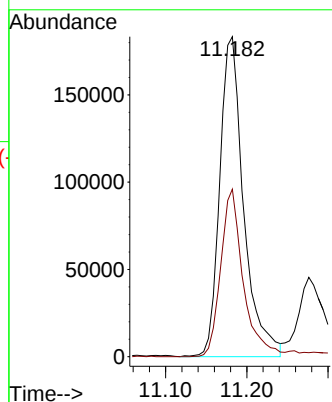
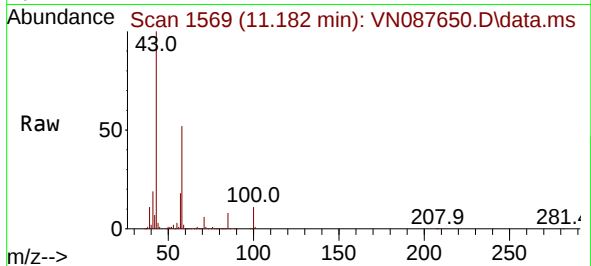




#59
2-Hexanone
Concen: 92.183 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

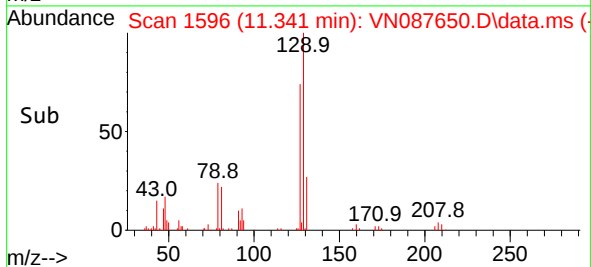
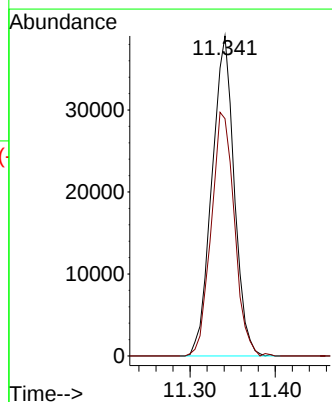
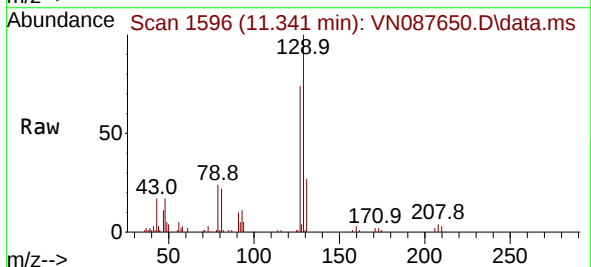
Instrument :
MSVOA_N
ClientSampleId :

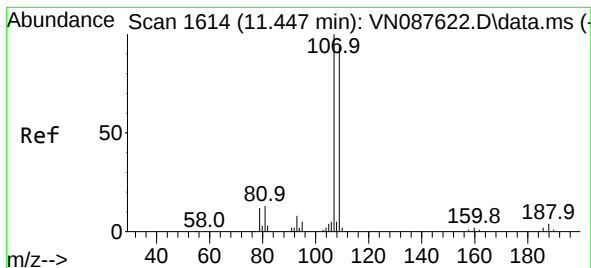
Tgt Ion: 43 Resp: 375717
Ion Ratio Lower Upper
43 100
58 49.2 25.9 77.8



#60
Dibromochloromethane
Concen: 16.645 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Tgt Ion: 129 Resp: 71077
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.3

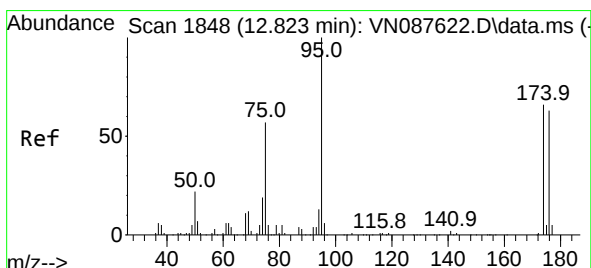
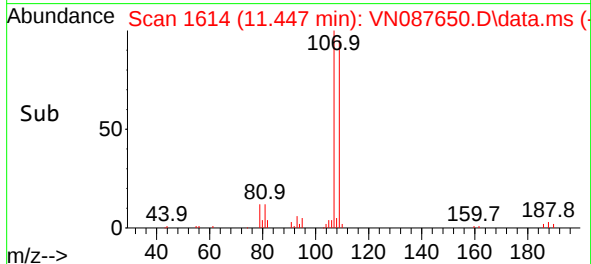
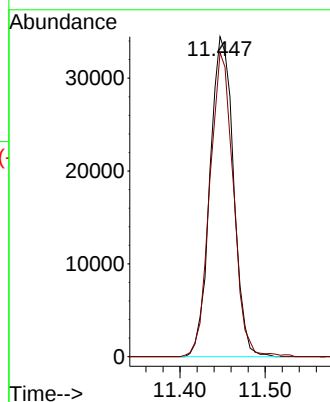
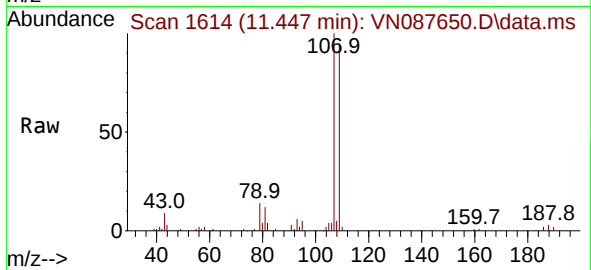




#61
1,2-Dibromoethane
Concen: 17.033 ug/l
RT: 11.447 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

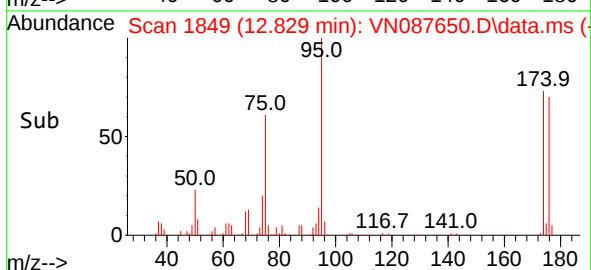
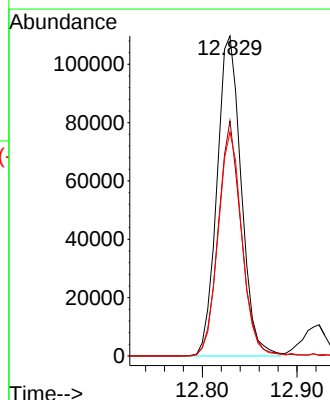
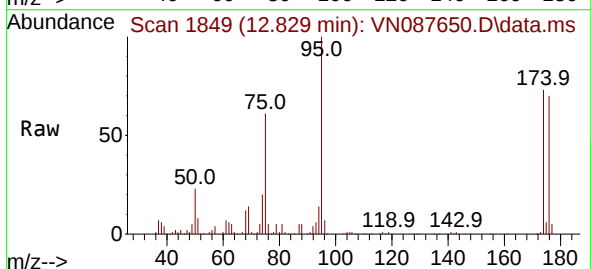
Instrument :
MSVOA_N
ClientSampleId :

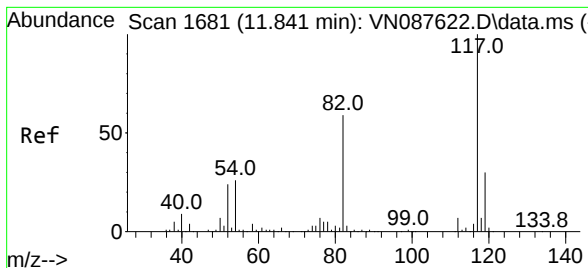
Tgt Ion:107 Resp: 66188
Ion Ratio Lower Upper
107 100
109 95.1 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 44.832 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

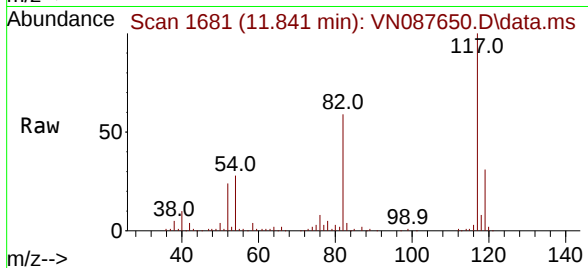
Tgt Ion: 95 Resp: 194883
Ion Ratio Lower Upper
95 100
174 69.9 0.0 138.4
176 68.6 0.0 132.6



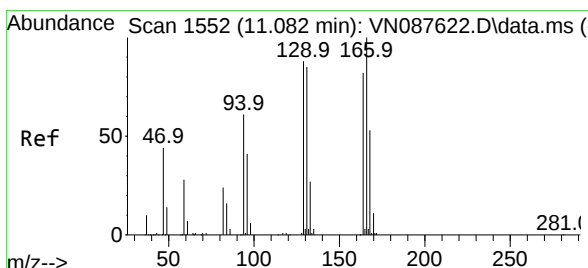
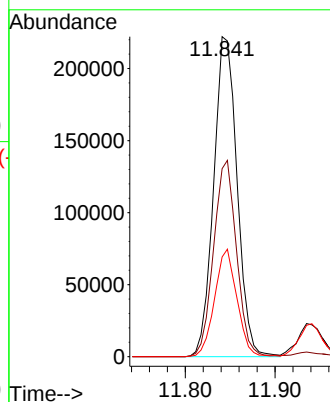
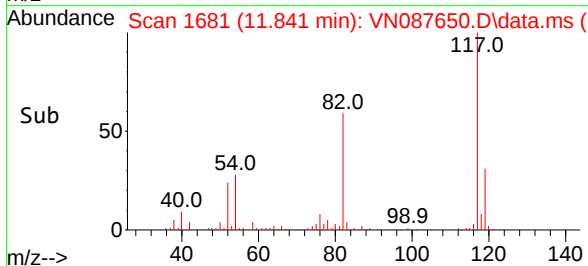


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

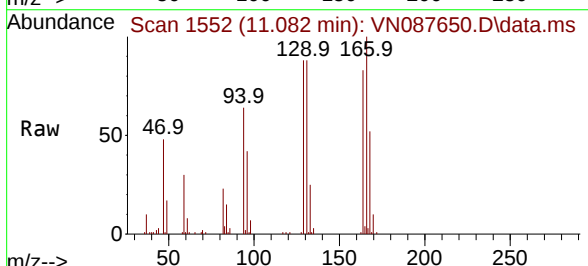
Instrument :
MSVOA_N
ClientSampleId :



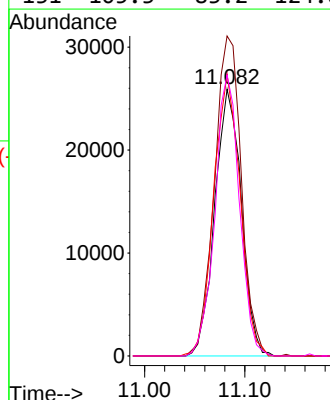
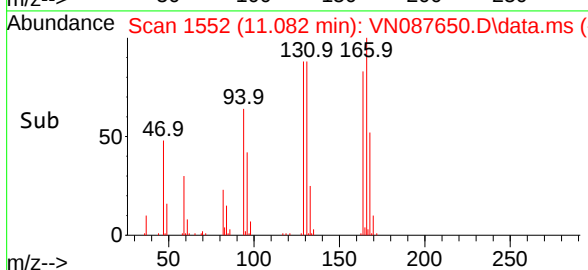
Tgt Ion:117 Resp: 403500
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 31.1 24.3 36.5

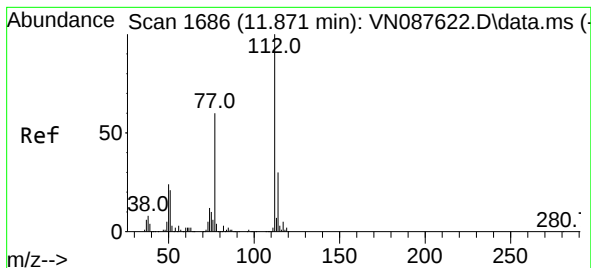


#64
Tetrachloroethene
Concen: 16.973 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21



Tgt Ion:164 Resp: 47516
Ion Ratio Lower Upper
164 100
166 120.0 97.7 146.5
129 105.6 85.9 128.9
131 105.3 83.2 124.8





#65

Chlorobenzene

Concen: 17.367 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN087650.D

Acq: 25 Aug 2025 12:21

Instrument :

MSVOA_N

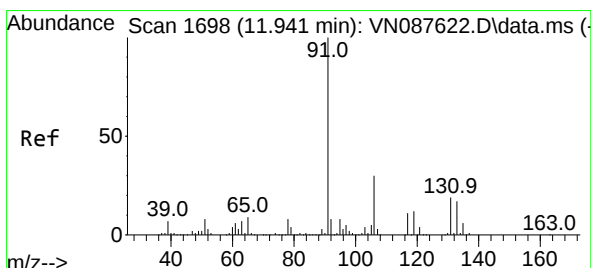
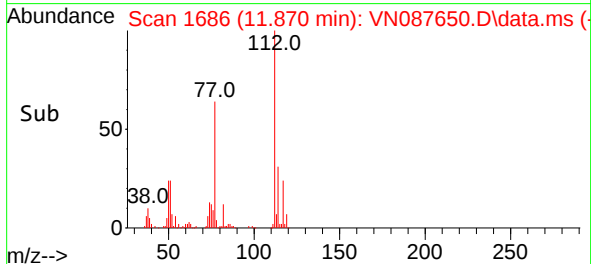
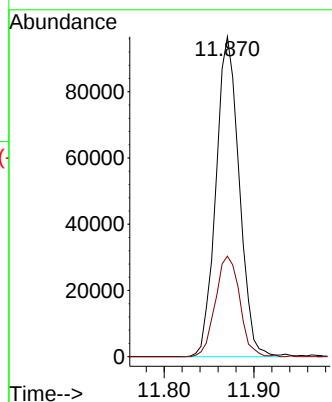
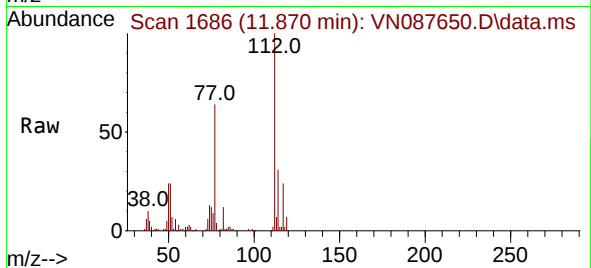
ClientSampleId :

Tgt Ion:112 Resp: 174339

Ion Ratio Lower Upper

112 100

114 31.4 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 18.663 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN087650.D

Acq: 25 Aug 2025 12:21

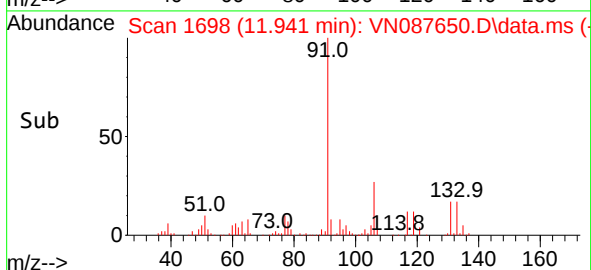
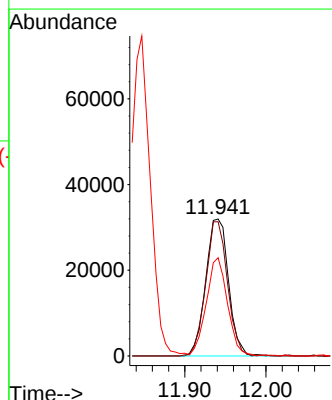
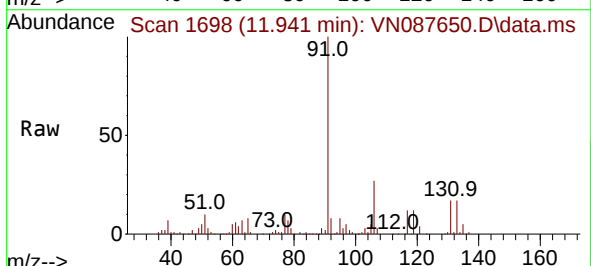
Tgt Ion:131 Resp: 62197

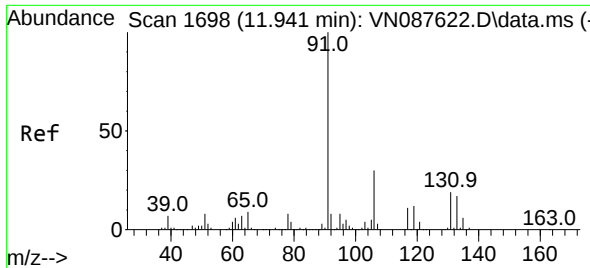
Ion Ratio Lower Upper

131 100

133 94.0 48.0 144.0

119 66.6 32.6 97.7

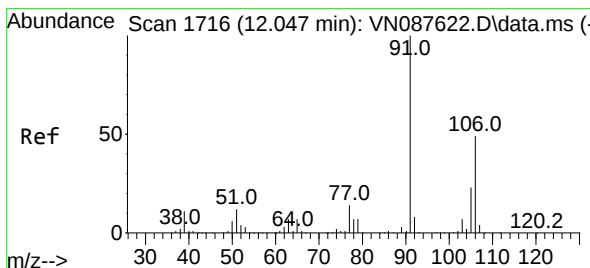
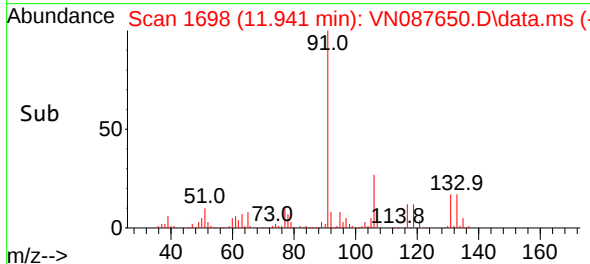
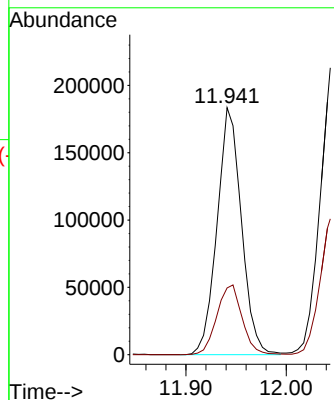
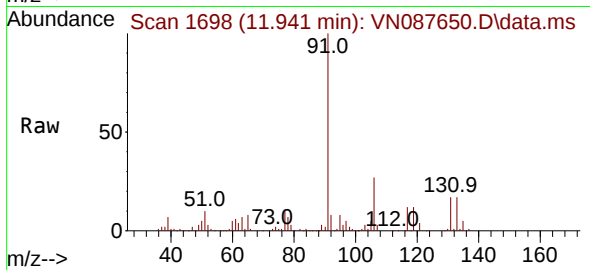




#67
Ethyl Benzene
Concen: 17.822 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

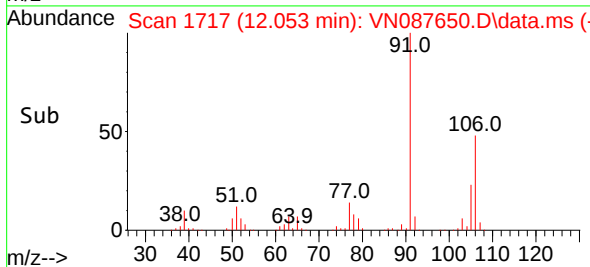
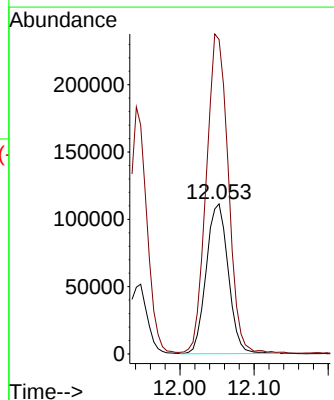
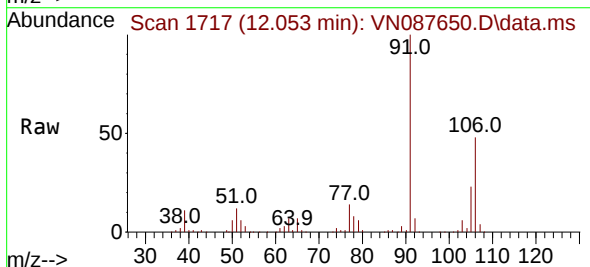
Instrument :
MSVOA_N
ClientSampleId :

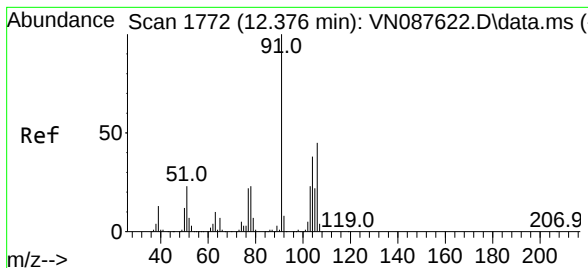
Tgt Ion: 91 Resp: 309756
Ion Ratio Lower Upper
91 100
106 27.0 24.1 36.1



#68
m/p-Xylenes
Concen: 36.073 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Tgt Ion: 106 Resp: 229940
Ion Ratio Lower Upper
106 100
91 213.4 169.3 253.9

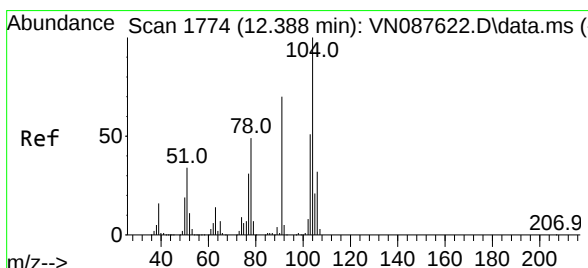
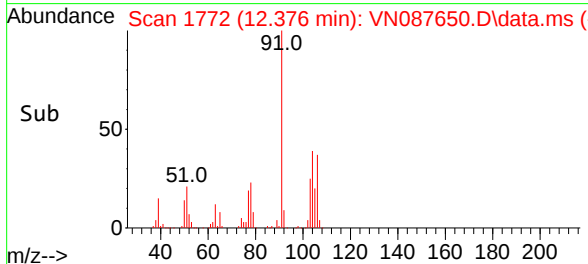
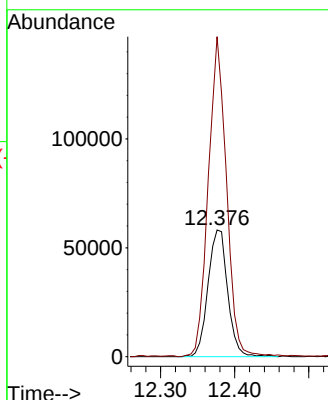
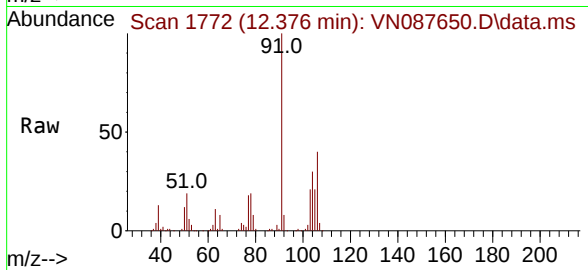




#69
o-Xylene
Concen: 17.152 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

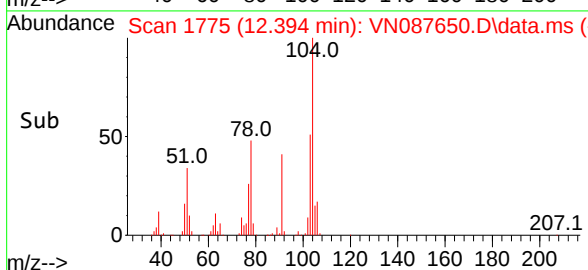
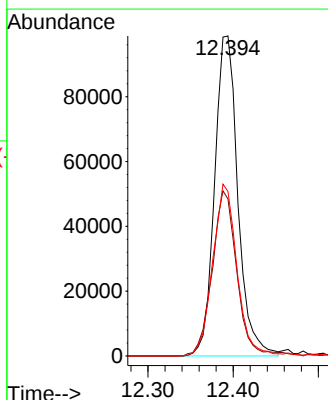
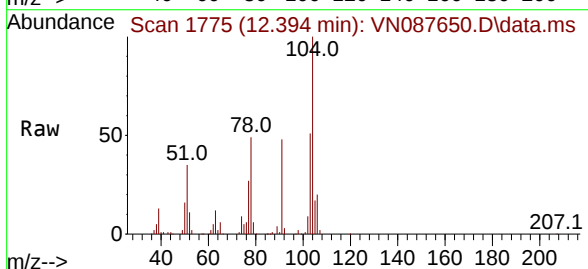
Instrument :
MSVOA_N
ClientSampleId :

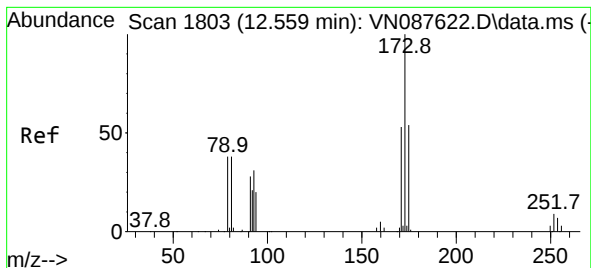
Tgt Ion:106 Resp: 107145
Ion Ratio Lower Upper
106 100
91 234.0 111.4 334.2



#70
Styrene
Concen: 17.947 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Tgt Ion:104 Resp: 187825
Ion Ratio Lower Upper
104 100
78 54.6 42.2 63.2
103 56.3 43.4 65.2





#71

Bromoform

Concen: 18.212 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087650.D

Acq: 25 Aug 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :

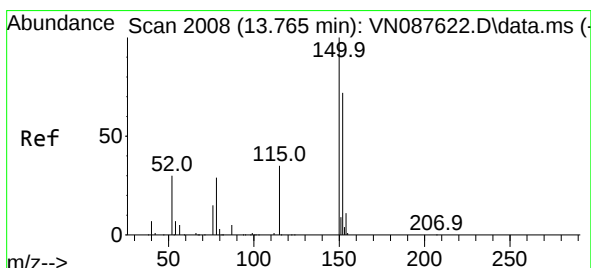
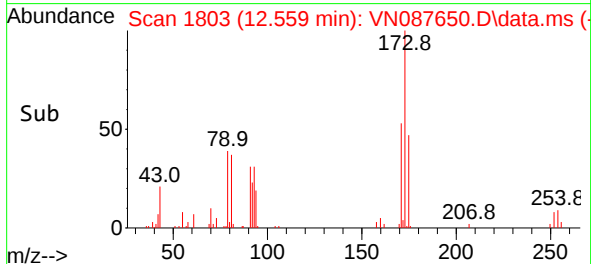
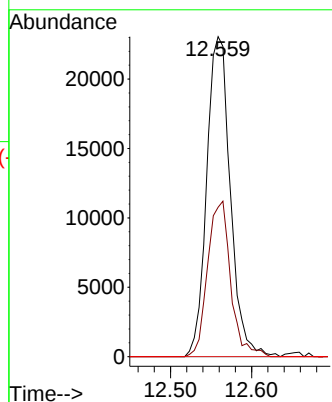
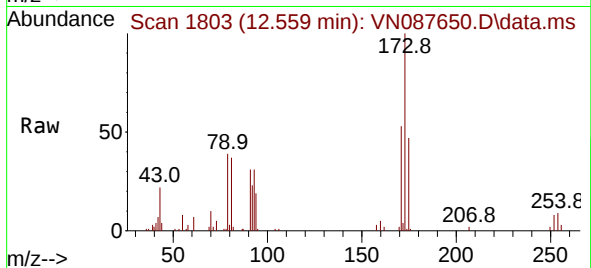
Tgt Ion:173 Resp: 46548

Ion Ratio Lower Upper

173 100

175 47.5 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN087650.D

Acq: 25 Aug 2025 12:21

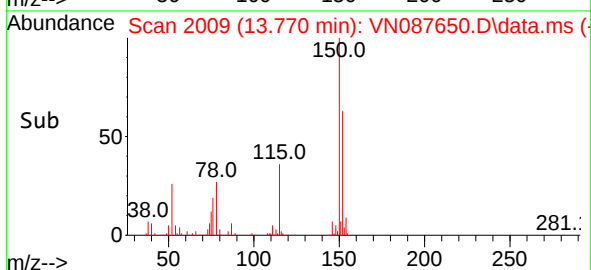
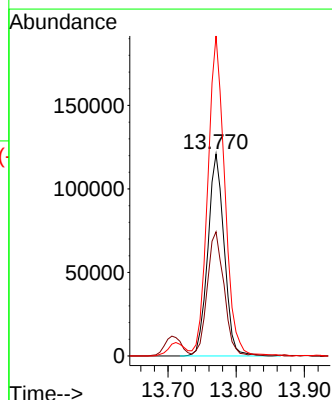
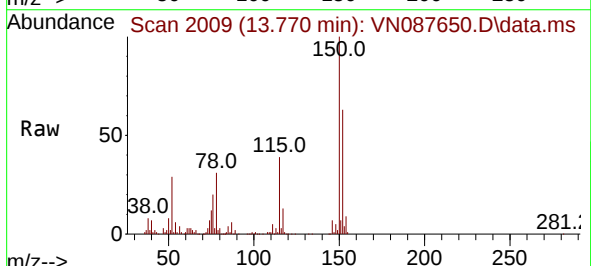
Tgt Ion:152 Resp: 202288

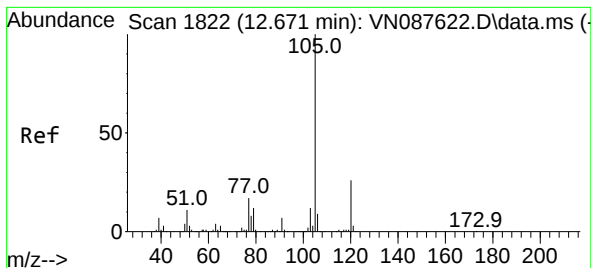
Ion Ratio Lower Upper

152 100

115 63.3 32.3 96.8

150 164.7 0.0 351.0





#73

Isopropylbenzene

Concen: 17.296 ug/l

RT: 12.676 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VN087650.D

Acq: 25 Aug 2025 12:21

Instrument :

MSVOA_N

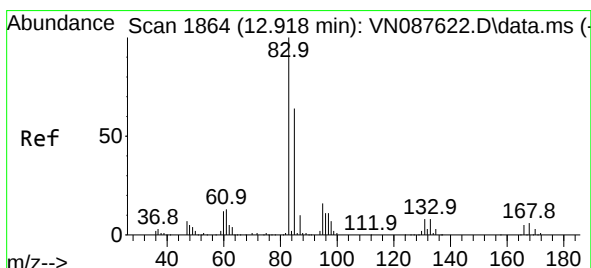
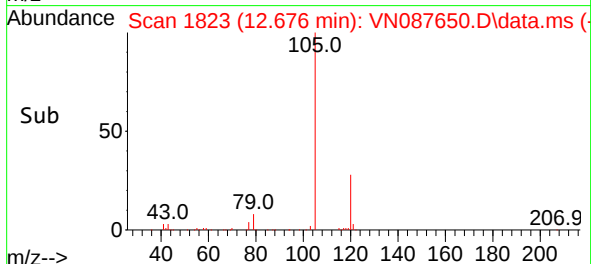
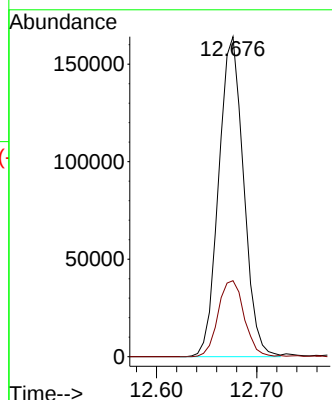
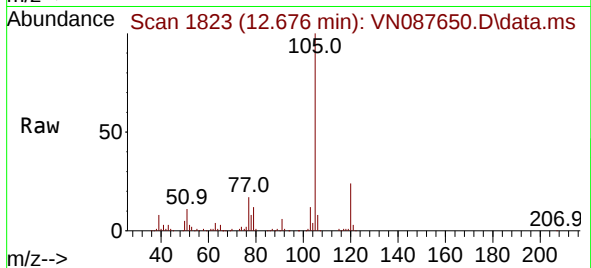
ClientSampleId :

Tgt Ion:105 Resp: 282717

Ion Ratio Lower Upper

105 100

120 25.1 12.8 38.3



#75

1,1,2,2-Tetrachloroethane

Concen: 18.211 ug/l

RT: 12.917 min Scan# 1864

Delta R.T. -0.000 min

Lab File: VN087650.D

Acq: 25 Aug 2025 12:21

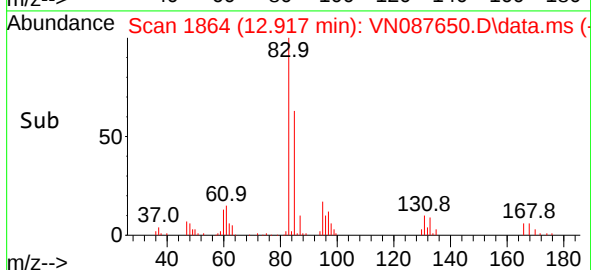
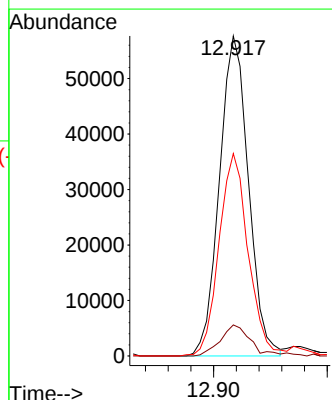
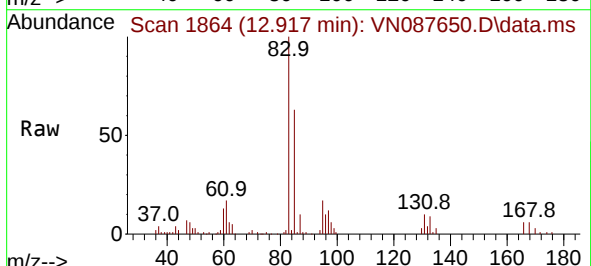
Tgt Ion: 83 Resp: 102489

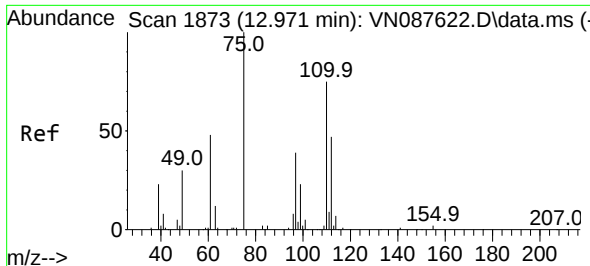
Ion Ratio Lower Upper

83 100

131 10.3 4.8 14.4

85 63.4 32.1 96.3

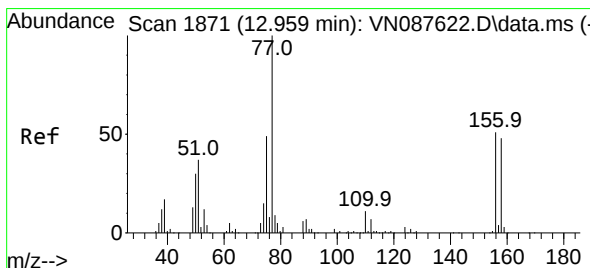
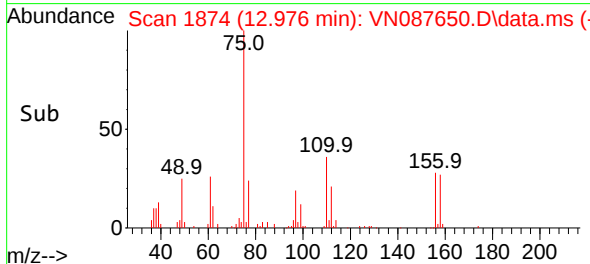
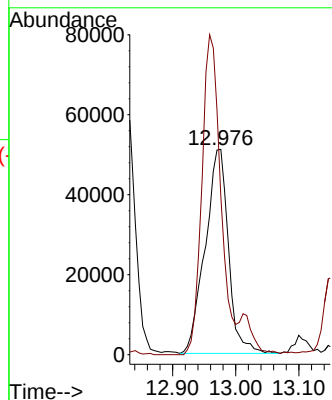
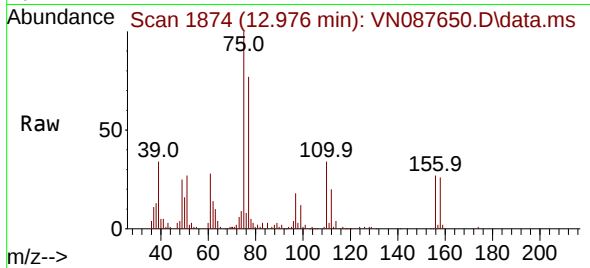




#76
1,2,3-Trichloropropane
Concen: 27.549 ug/l
RT: 12.976 min Scan# 1873
Delta R.T. 0.006 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

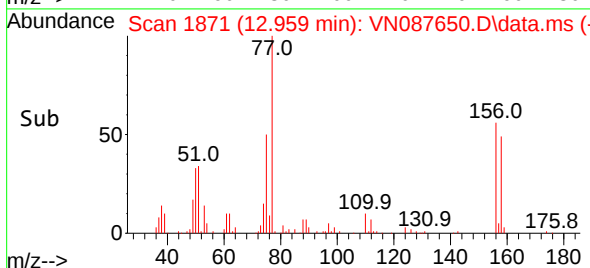
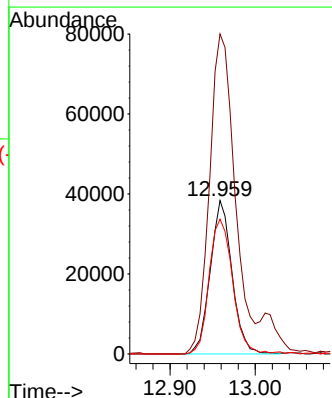
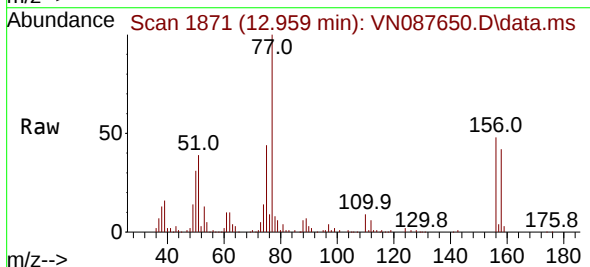
Instrument :
MSVOA_N
ClientSampleId :

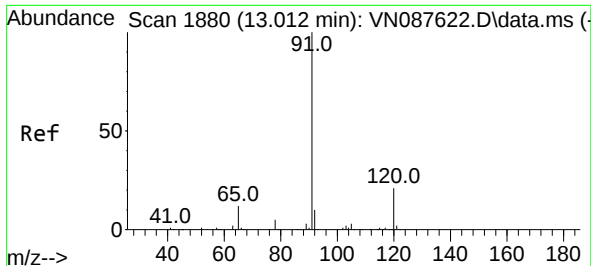
Tgt Ion: 75 Resp: 130685
Ion Ratio Lower Upper
75 100
77 126.1 89.1 267.4



#77
Bromobenzene
Concen: 17.721 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Tgt Ion:156 Resp: 68300
Ion Ratio Lower Upper
156 100
77 241.3 119.3 358.0
158 95.2 48.2 144.6

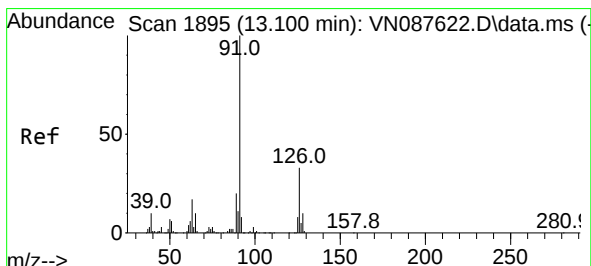
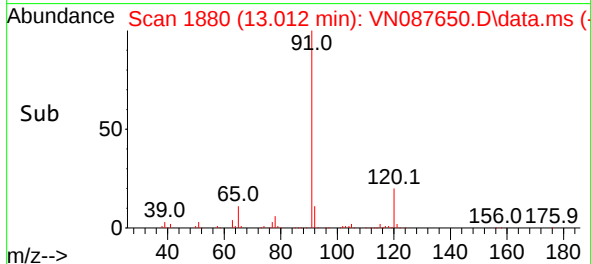
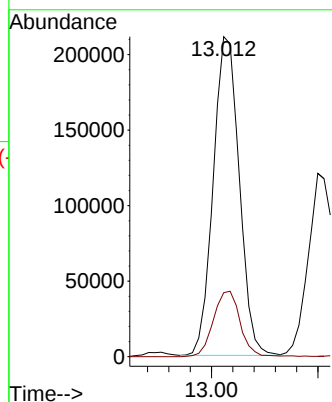
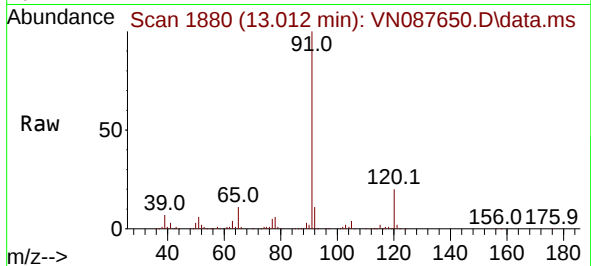




#78
n-propylbenzene
Concen: 17.772 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

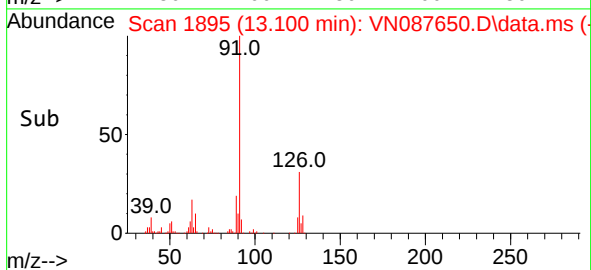
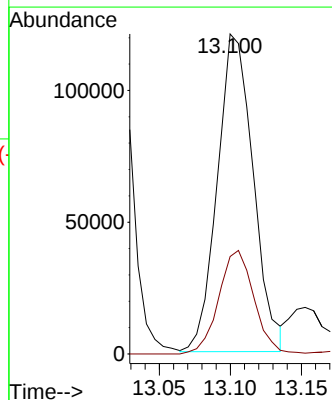
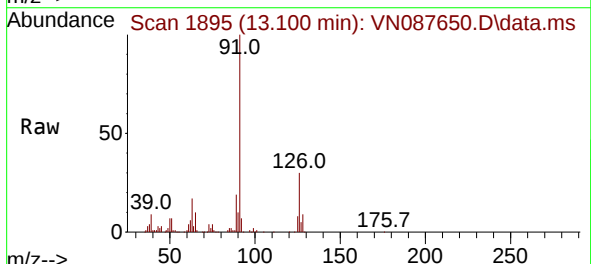
Instrument :
MSVOA_N
ClientSampleId :

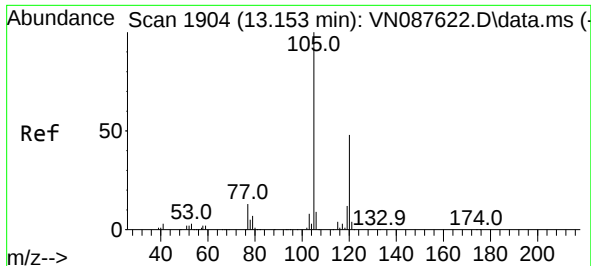
Tgt Ion: 91 Resp: 357820
Ion Ratio Lower Upper
91 100
120 21.2 10.7 32.1



#79
2-Chlorotoluene
Concen: 17.507 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Tgt Ion: 91 Resp: 212124
Ion Ratio Lower Upper
91 100
126 32.0 16.1 48.3

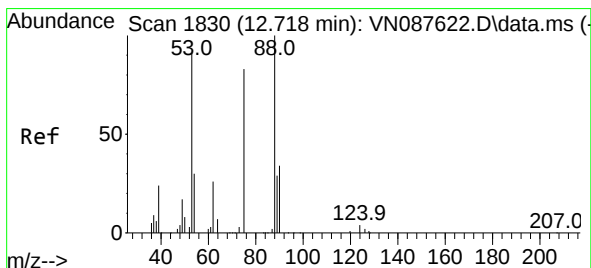
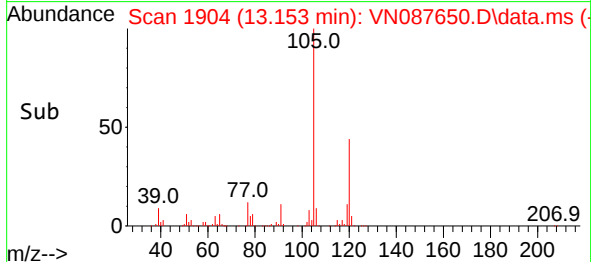
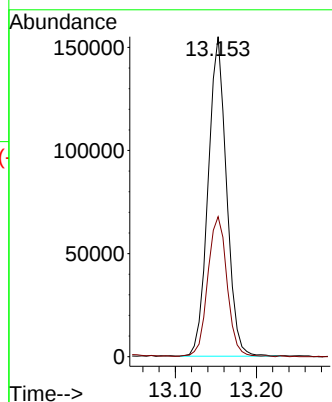
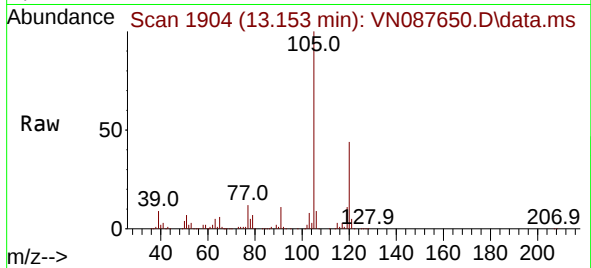




#80
 1,3,5-Trimethylbenzene
 Concen: 17.572 ug/l
 RT: 13.153 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VN087650.D
 Acq: 25 Aug 2025 12:21

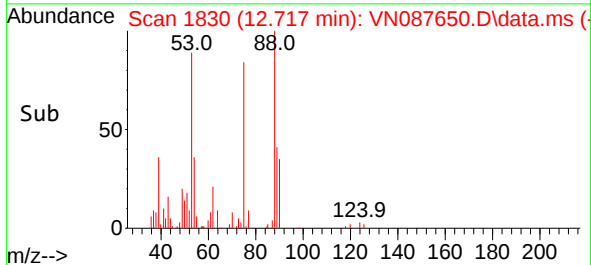
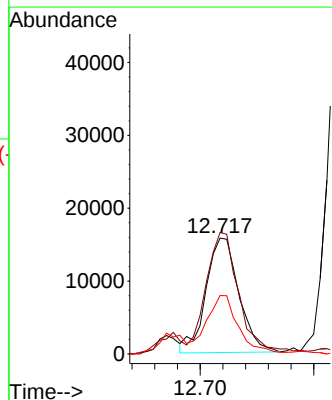
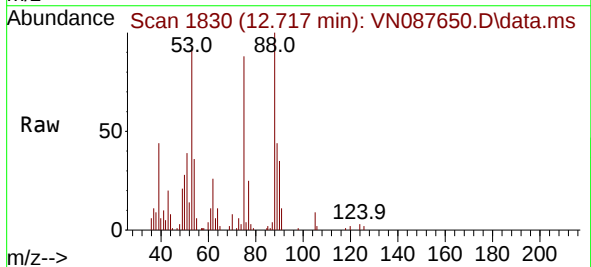
Instrument :
 MSVOA_N
 ClientSampleId :

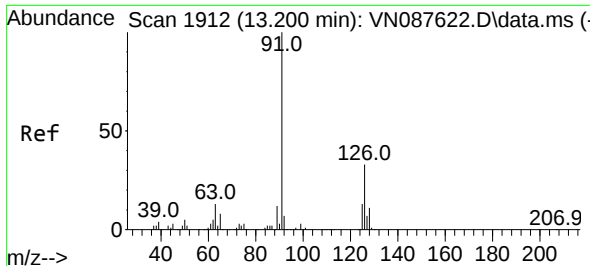
Tgt Ion:105 Resp: 243662
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.2 69.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 17.656 ug/l
 RT: 12.717 min Scan# 1830
 Delta R.T. -0.000 min
 Lab File: VN087650.D
 Acq: 25 Aug 2025 12:21

Tgt Ion: 75 Resp: 31638
 Ion Ratio Lower Upper
 75 100
 53 107.0 101.8 152.6
 89 50.0 35.6 53.4

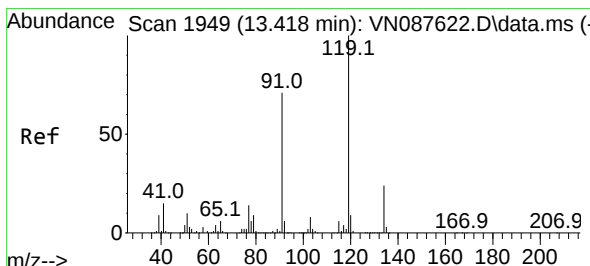
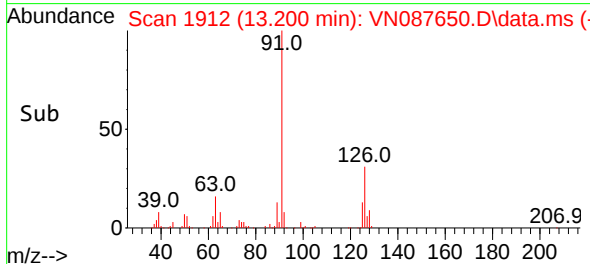
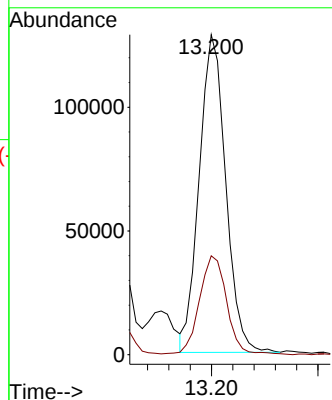
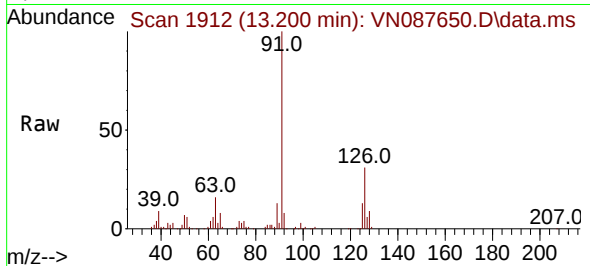




#82
4-Chlorotoluene
Concen: 17.400 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

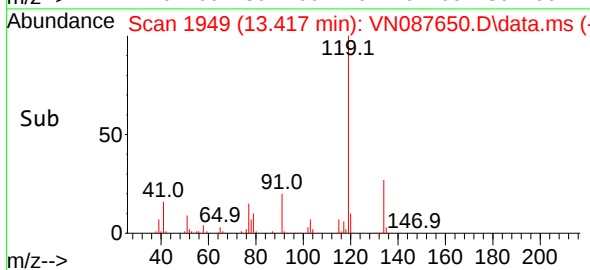
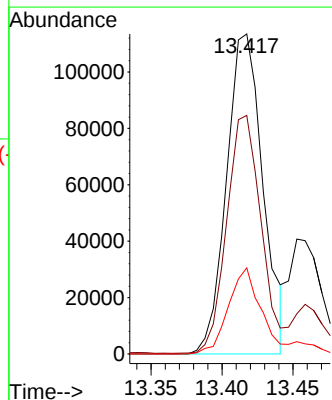
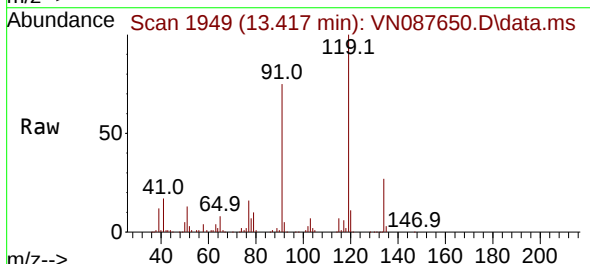
Instrument :
MSVOA_N
ClientSampleId :

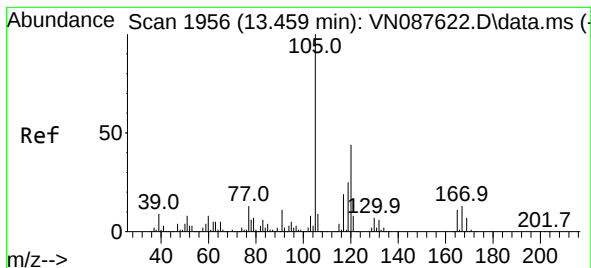
Tgt Ion: 91 Resp: 221660
Ion Ratio Lower Upper
91 100
126 32.2 15.6 46.8



#83
tert-Butylbenzene
Concen: 17.514 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Tgt Ion: 119 Resp: 202379
Ion Ratio Lower Upper
119 100
91 69.8 35.0 105.0
134 24.2 12.6 37.8

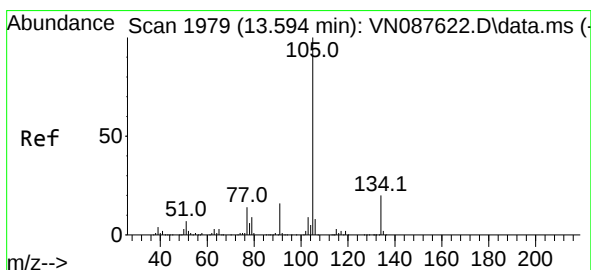
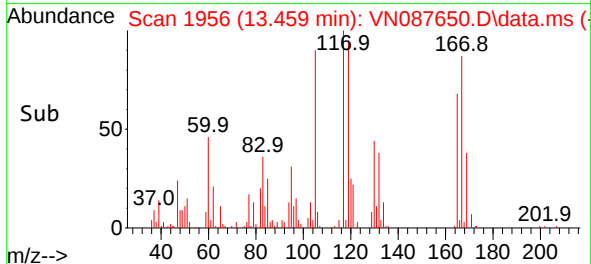
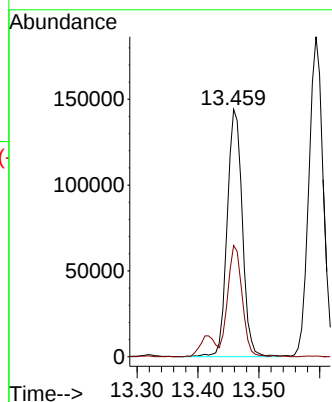
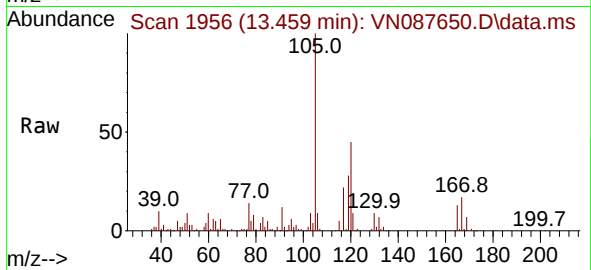




#84
1,2,4-Trimethylbenzene
Concen: 17.945 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

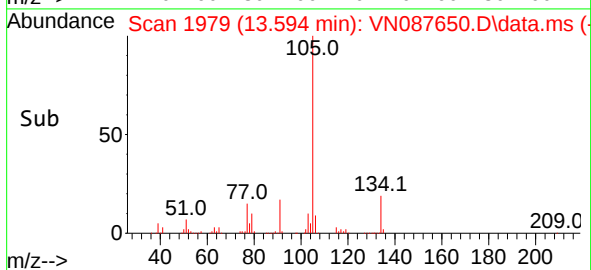
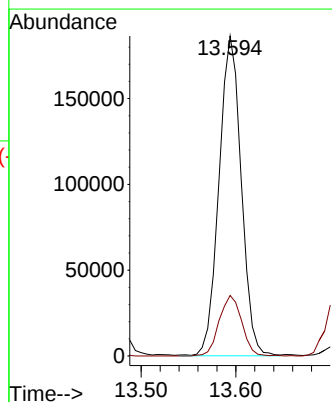
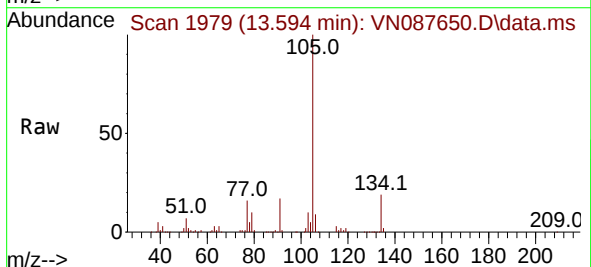
Instrument :
MSVOA_N
ClientSampleId :

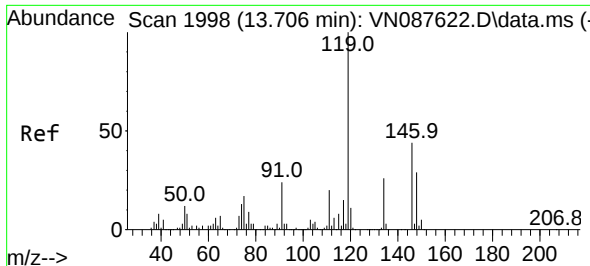
Tgt Ion:105 Resp: 249103
Ion Ratio Lower Upper
105 100
120 42.4 22.0 66.0



#85
sec-Butylbenzene
Concen: 17.746 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

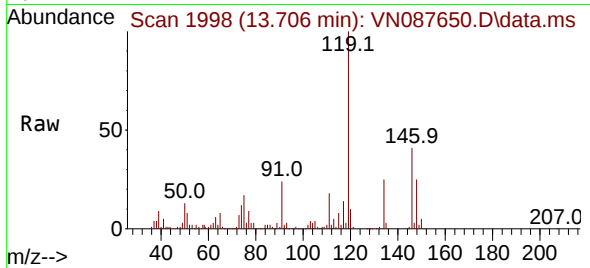
Tgt Ion:105 Resp: 304307
Ion Ratio Lower Upper
105 100
134 19.2 9.6 28.6



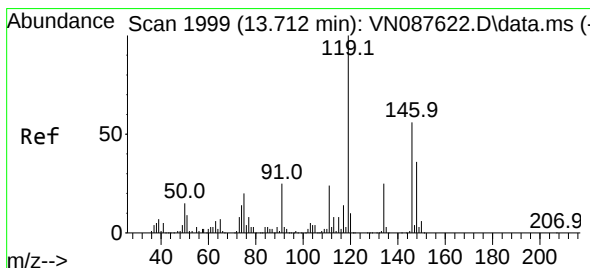
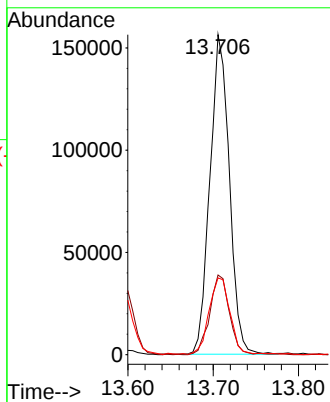
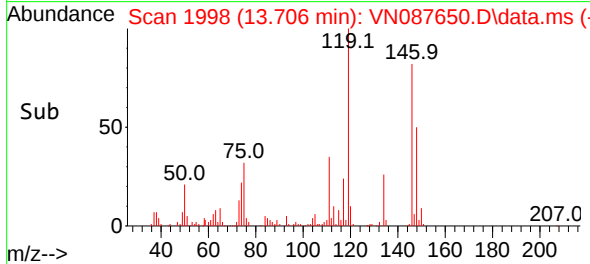


#86
 p-Isopropyltoluene
 Concen: 17.503 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087650.D
 Acq: 25 Aug 2025 12:21

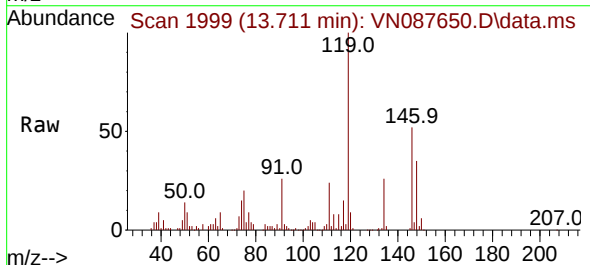
Instrument :
 MSVOA_N
 ClientSampleId :



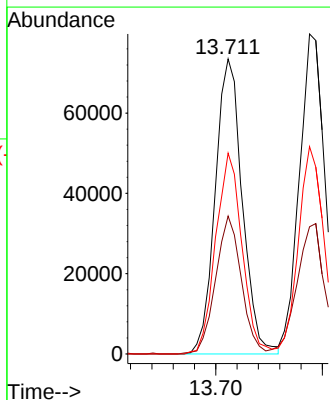
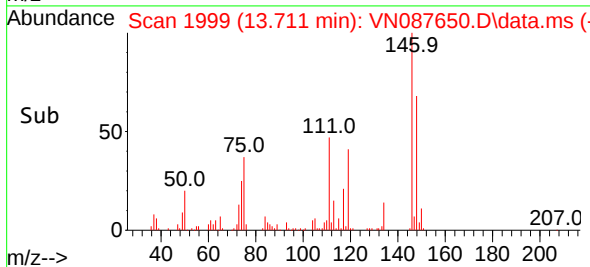
Tgt Ion:119 Resp: 247840
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.0
 91 26.4 12.5 37.5

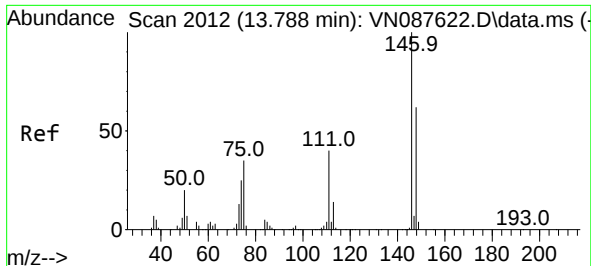


#87
 1,3-Dichlorobenzene
 Concen: 17.050 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087650.D
 Acq: 25 Aug 2025 12:21



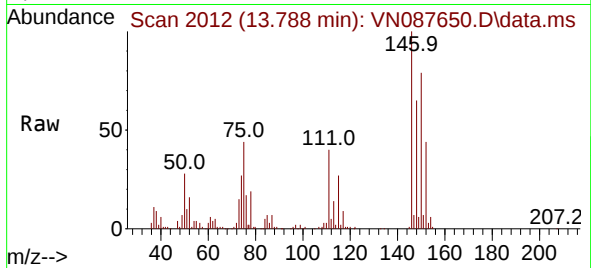
Tgt Ion:146 Resp: 129407
 Ion Ratio Lower Upper
 146 100
 111 44.3 22.1 66.5
 148 66.1 32.0 96.2



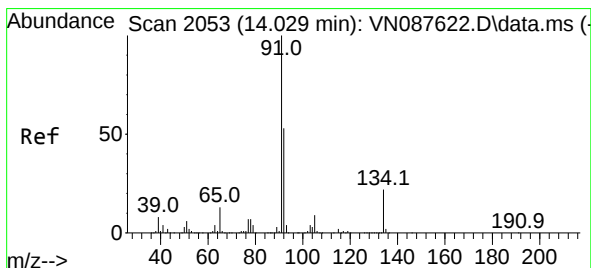
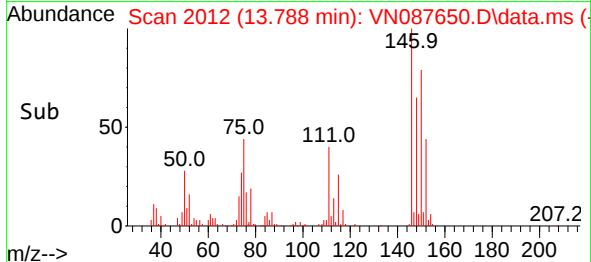
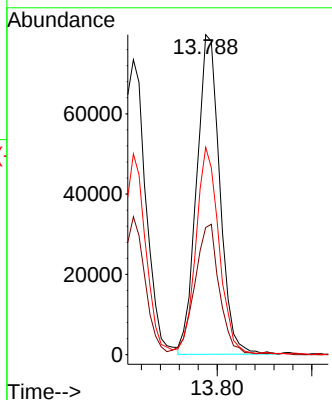


#88
1,4-Dichlorobenzene
Concen: 17.058 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :

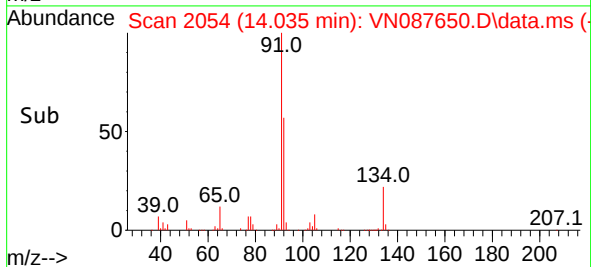
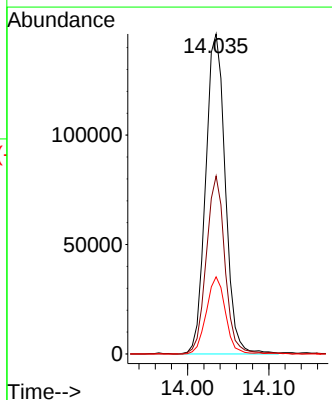
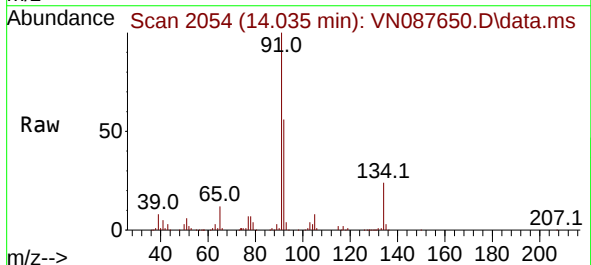


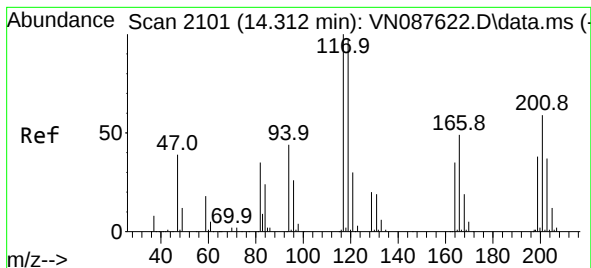
Tgt Ion:146 Resp: 134736
Ion Ratio Lower Upper
146 100
111 43.0 21.0 63.0
148 64.2 32.0 96.0



#89
n-Butylbenzene
Concen: 17.452 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

Tgt Ion: 91 Resp: 245432
Ion Ratio Lower Upper
91 100
92 53.0 25.9 77.8
134 23.5 11.7 35.0





#90

Hexachloroethane

Concen: 17.141 ug/l

RT: 14.306 min Scan# 2101

Delta R.T. -0.006 min

Lab File: VN087650.D

Acq: 25 Aug 2025 12:21

Instrument :

MSVOA_N

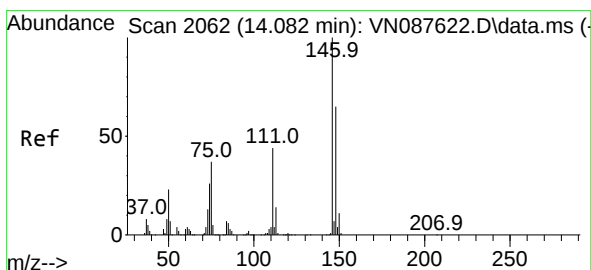
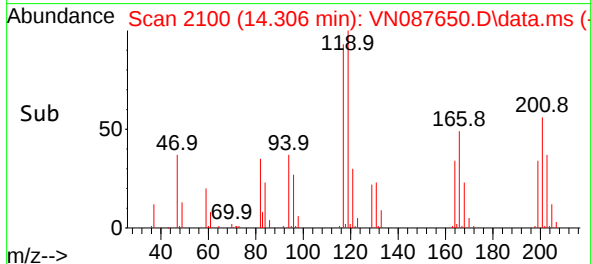
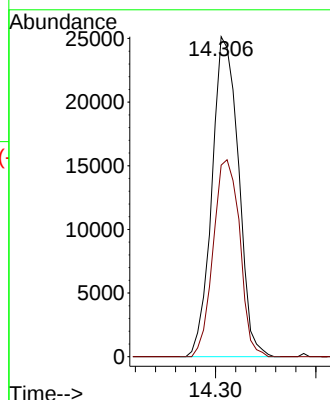
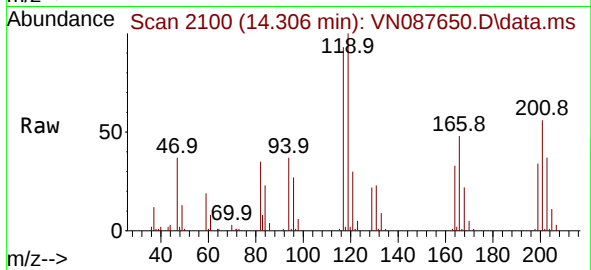
ClientSampleId :

Tgt Ion:117 Resp: 46243

Ion Ratio Lower Upper

117 100

201 61.4 29.1 87.4



#91

1,2-Dichlorobenzene

Concen: 17.668 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN087650.D

Acq: 25 Aug 2025 12:21

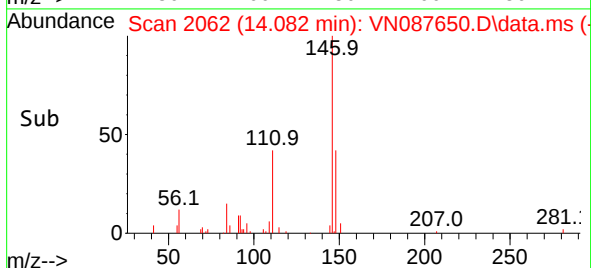
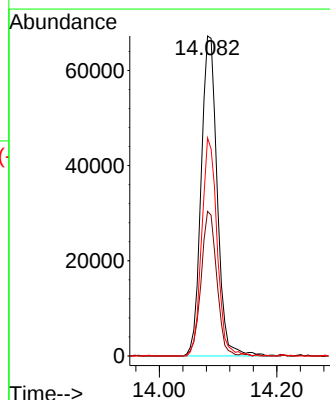
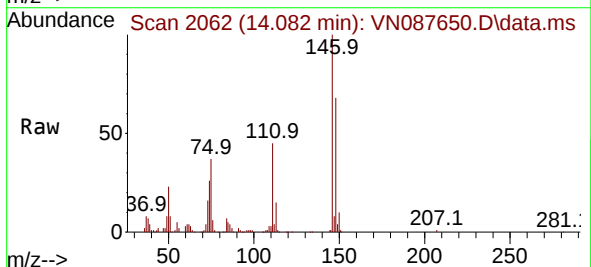
Tgt Ion:146 Resp: 127220

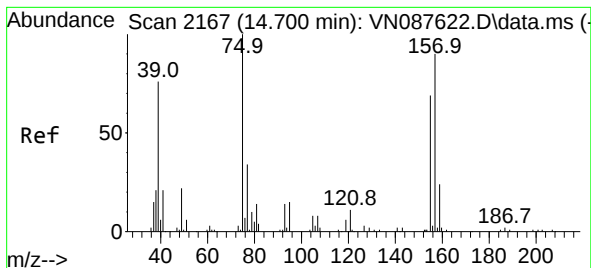
Ion Ratio Lower Upper

146 100

111 43.9 22.6 67.8

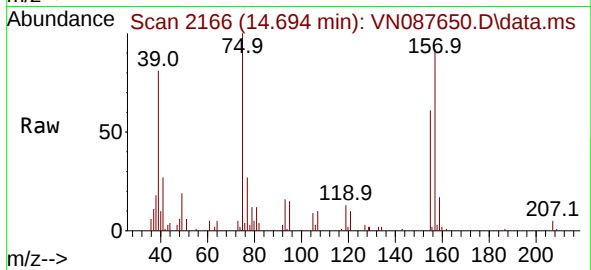
148 65.0 31.9 95.9



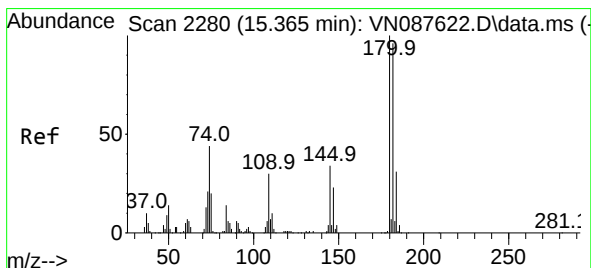
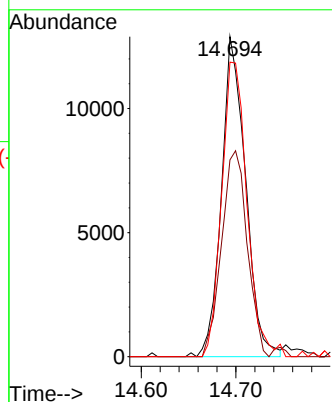
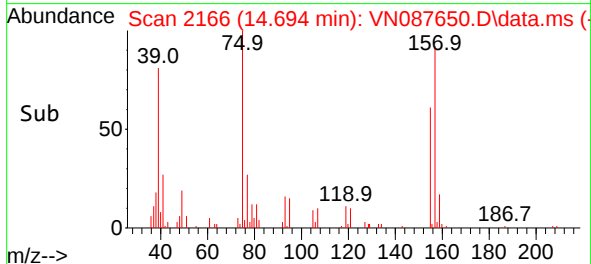


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.066 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VN087650.D
 Acq: 25 Aug 2025 12:21

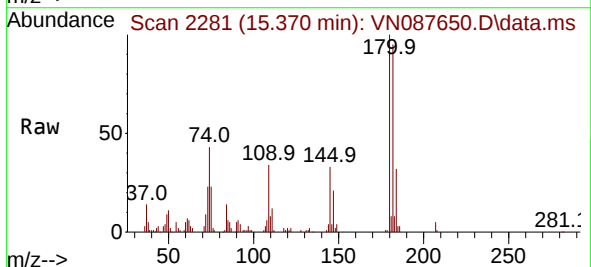
Instrument :
 MSVOA_N
 ClientSampleId :



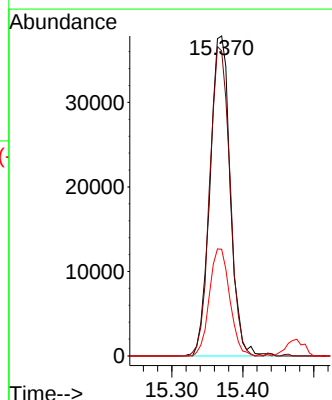
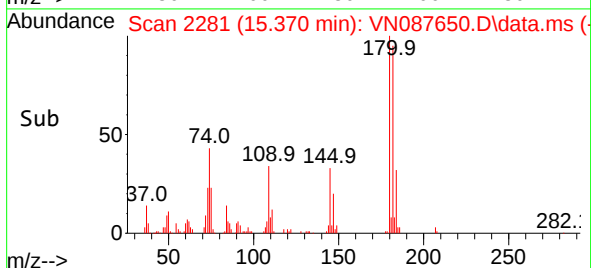
Tgt Ion: 75 Resp: 22816
 Ion Ratio Lower Upper
 75 100
 155 68.5 36.6 109.9
 157 96.6 45.6 136.9

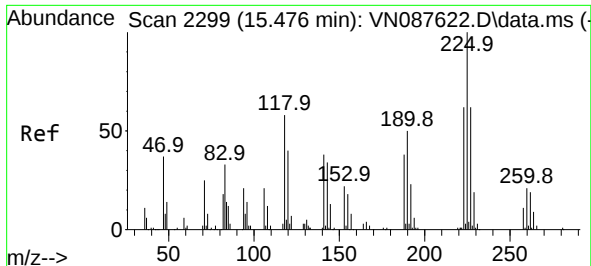


#93
 1,2,4-Trichlorobenzene
 Concen: 17.243 ug/l
 RT: 15.370 min Scan# 2281
 Delta R.T. 0.006 min
 Lab File: VN087650.D
 Acq: 25 Aug 2025 12:21



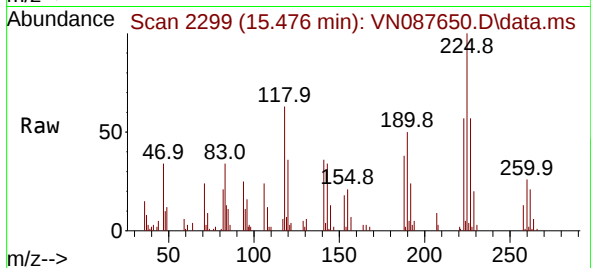
Tgt Ion: 180 Resp: 74556
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.6 142.9
 145 33.8 16.5 49.5



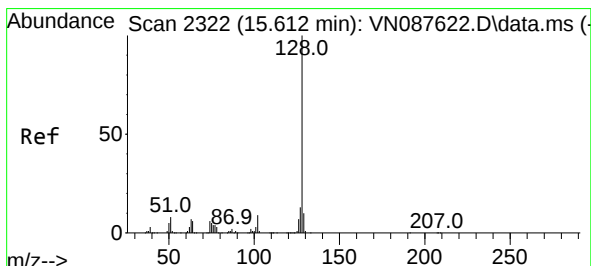
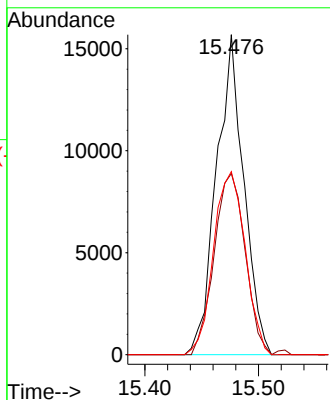
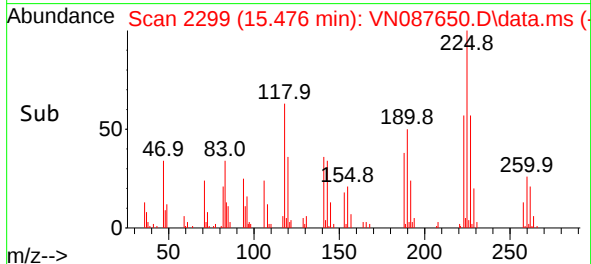


#94
Hexachlorobutadiene
Concen: 17.080 ug/l
RT: 15.476 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21

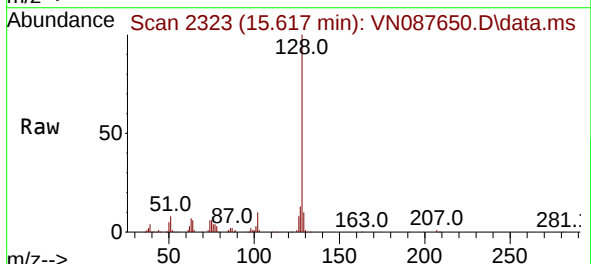
Instrument :
MSVOA_N
ClientSampleId :



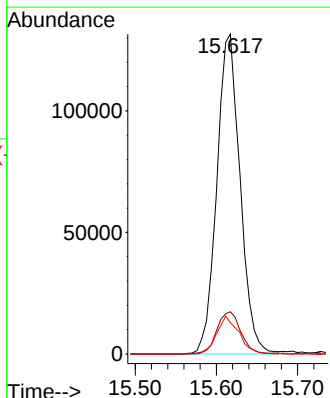
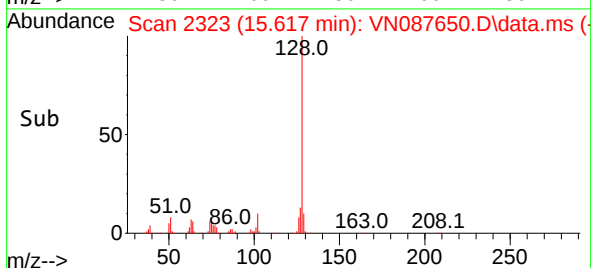
Tgt Ion:225 Resp: 26329
Ion Ratio Lower Upper
225 100
223 64.4 32.0 96.2
227 65.9 32.1 96.5

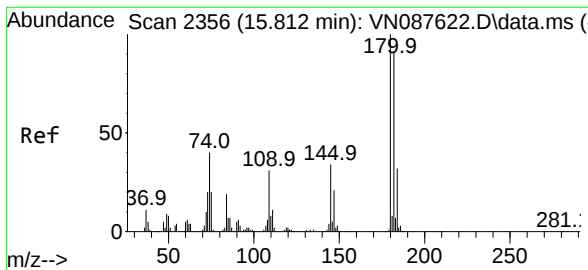


#95
Naphthalene
Concen: 17.129 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN087650.D
Acq: 25 Aug 2025 12:21



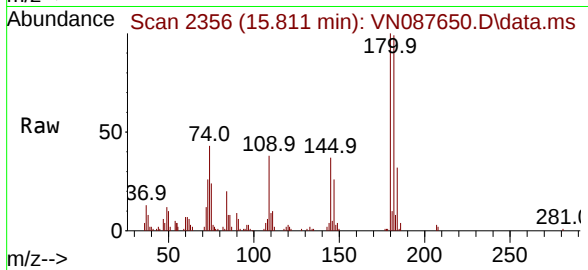
Tgt Ion:128 Resp: 262337
Ion Ratio Lower Upper
128 100
127 13.7 10.6 15.8
129 11.2 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 16.895 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087650.D
 Acq: 25 Aug 2025 12:21

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	71418
Ion Ratio	Lower	Upper	
180	100		
182	98.1	46.8	140.3
145	36.0	17.3	52.0

