

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091925\
 Data File : VN087910.D
 Acq On : 19 Sep 2025 14:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 20 03:07:35 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	217251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	396198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	387725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	215890	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.559	65	191884	43.108	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.220%
35) Dibromofluoromethane	8.147	113	146004	51.041	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.080%
50) Toluene-d8	10.547	98	495415	46.272	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.540%
62) 4-Bromofluorobenzene	12.829	95	192912	50.665	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.340%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.142	85	134799	43.687	ug/l	93
3) Chloromethane	2.383	50	139504	43.994	ug/l	99
4) Vinyl Chloride	2.536	62	148036	40.264	ug/l	95
5) Bromomethane	2.959	94	86262	45.471	ug/l	95
6) Chloroethane	3.130	64	100020	38.706	ug/l	98
7) Trichlorofluoromethane	3.512	101	243113	45.133	ug/l	97
8) Diethyl Ether	3.959	74	91859	39.157	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	135832	44.564	ug/l	94
10) Methyl Iodide	4.583	142	115773	50.713	ug/l	99
11) Tert butyl alcohol	5.524	59	162508	210.299	ug/l	97
12) 1,1-Dichloroethene	4.330	96	130216	41.573	ug/l	86
13) Acrolein	4.177	56	204083	214.826	ug/l	99
14) Allyl chloride	5.012	41	220396	38.829	ug/l	93
15) Acrylonitrile	5.706	53	502877	230.747	ug/l	99
16) Acetone	4.424	43	464963	191.887	ug/l	91
17) Carbon Disulfide	4.701	76	387459	44.934	ug/l	98
18) Methyl Acetate	5.018	43	245472	48.383	ug/l	96
19) Methyl tert-butyl Ether	5.783	73	554396	47.182	ug/l	97
20) Methylene Chloride	5.259	84	173963	49.626	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	160723	47.346	ug/l	87
22) Diisopropyl ether	6.659	45	544541	44.456	ug/l	99
23) Vinyl Acetate	6.589	43	2468722	221.531	ug/l	98
24) 1,1-Dichloroethane	6.553	63	305854	45.541	ug/l	98
25) 2-Butanone	7.471	43	702318	220.308	ug/l	95
26) 2,2-Dichloropropane	7.471	77	278649	48.342	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	199806	49.234	ug/l	94
28) Bromochloromethane	7.794	49	133405	41.088	ug/l	88
29) Tetrahydrofuran	7.824	42	448408	218.566	ug/l	95
30) Chloroform	7.947	83	332084	48.445	ug/l	99
31) Cyclohexane	8.241	56	232131	41.461	ug/l	93
32) 1,1,1-Trichloroethane	8.147	97	277166	47.711	ug/l	97
36) 1,1-Dichloropropene	8.353	75	208683	47.553	ug/l	98
37) Ethyl Acetate	7.547	43	280216	46.728	ug/l	96
38) Carbon Tetrachloride	8.341	117	238581	55.064	ug/l	91
39) Methylcyclohexane	9.583	83	234995	48.639	ug/l	94
40) Benzene	8.588	78	693788	51.545	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091925\
 Data File : VN087910.D
 Acq On : 19 Sep 2025 14:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 20 03:07:35 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)
41) Methacrylonitrile	7.759	41	140804	45.328	ug/l	93
42) 1,2-Dichloroethane	8.653	62	251986	48.718	ug/l	98
43) Isopropyl Acetate	8.671	43	439242	46.916	ug/l	97
44) Trichloroethene	9.336	130	162529	52.889	ug/l	89
45) 1,2-Dichloropropane	9.600	63	172032	48.488	ug/l	99
46) Dibromomethane	9.688	93	138282	54.771	ug/l	94
47) Bromodichloromethane	9.871	83	272148	52.595	ug/l	96
48) Methyl methacrylate	9.659	41	209813	47.378	ug/l	95
49) 1,4-Dioxane	9.683	88	60446	1053.083	ug/l #	98
51) 4-Methyl-2-Pentanone	10.424	43	1412609	250.075	ug/l	99
52) Toluene	10.612	92	434136	52.027	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	278776	52.049	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	291705	52.453	ug/l	95
55) 1,1,2-Trichloroethane	10.994	97	178443	55.280	ug/l	99
56) Ethyl methacrylate	10.853	69	275071	53.321	ug/l	97
57) 1,3-Dichloropropane	11.141	76	298055	52.173	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	681028	243.906	ug/l	95
59) 2-Hexanone	11.177	43	985457	276.039	ug/l	97
60) Dibromochloromethane	11.341	129	211465	56.538	ug/l	100
61) 1,2-Dibromoethane	11.447	107	190483	55.963	ug/l	99
64) Tetrachloroethene	11.082	164	138218	51.382	ug/l	92
65) Chlorobenzene	11.871	112	490986	50.901	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	179163	55.948	ug/l	99
67) Ethyl Benzene	11.941	91	843059	50.479	ug/l	100
68) m/p-Xylenes	12.047	106	652303	106.497	ug/l	94
69) o-Xylene	12.376	106	315121	52.498	ug/l	95
70) Styrene	12.388	104	546105	54.305	ug/l	98
71) Bromoform	12.559	173	150300	61.198	ug/l #	97
73) Isopropylbenzene	12.676	105	794814	45.560	ug/l	99
74) N-amyl acetate	12.500	43	153011	23.144	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.918	83	282329	47.006	ug/l	98
76) 1,2,3-Trichloropropane	12.971	75	363011	71.703	ug/l	60
77) Bromobenzene	12.959	156	205399	49.935	ug/l	90
78) n-propylbenzene	13.012	91	992128	46.171	ug/l	98
79) 2-Chlorotoluene	13.106	91	585590	45.285	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	693386	46.853	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.718	75	93862	49.082	ug/l #	82
82) 4-Chlorotoluene	13.200	91	608682	44.769	ug/l	94
83) tert-Butylbenzene	13.418	119	588803	47.744	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	708833	47.846	ug/l	99
85) sec-Butylbenzene	13.594	105	855856	46.765	ug/l	98
86) p-Isopropyltoluene	13.706	119	727070	48.112	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	401884	49.614	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	408934	48.511	ug/l	98
89) n-Butylbenzene	14.035	91	674771	44.958	ug/l	98
90) Hexachloroethane	14.306	117	142143	49.370	ug/l	89
91) 1,2-Dichlorobenzene	14.082	146	382790	49.811	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	59762	41.886	ug/l	86
93) 1,2,4-Trichlorobenzene	15.370	180	229587	49.752	ug/l	99
94) Hexachlorobutadiene	15.470	225	84327	51.258	ug/l	94
95) Naphthalene	15.617	128	755540	46.224	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	225243	49.929	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091925\
Data File : VN087910.D
Acq On : 19 Sep 2025 14:54
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

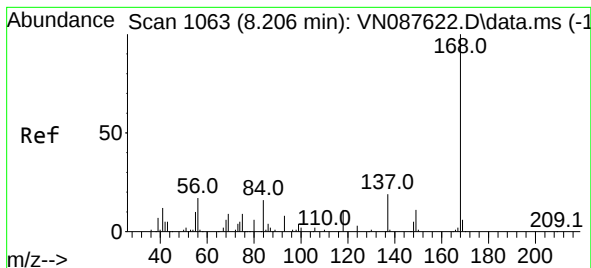
Quant Time: Sep 20 03:07:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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

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

Quant Time: Sep 20 03:07:35 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

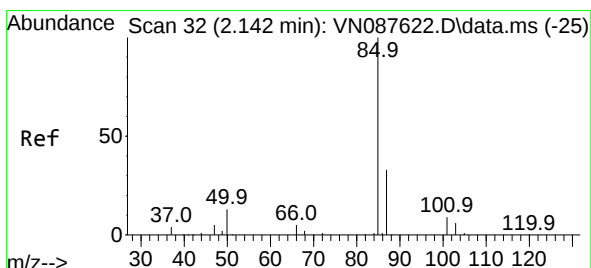
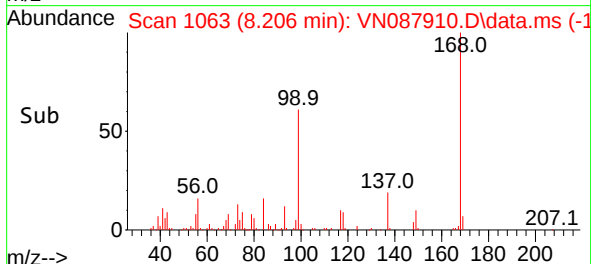
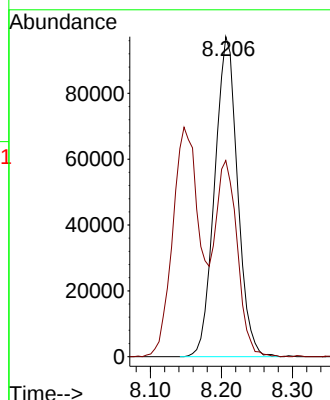
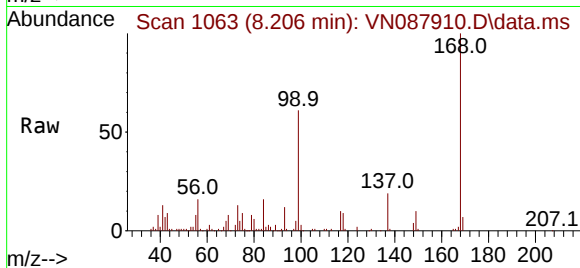




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

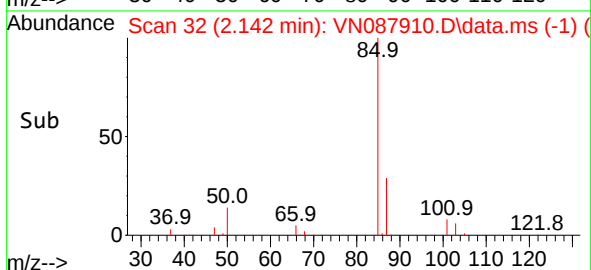
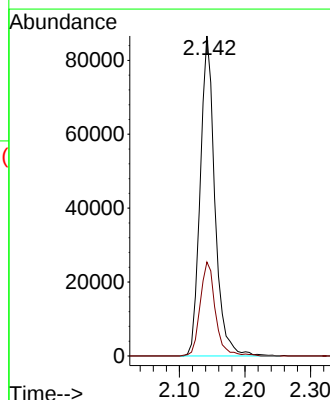
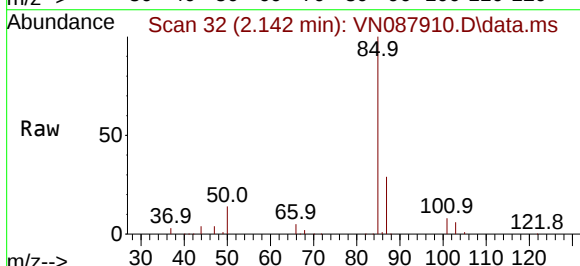
Instrument :
MSVOA_N
ClientSampleId :

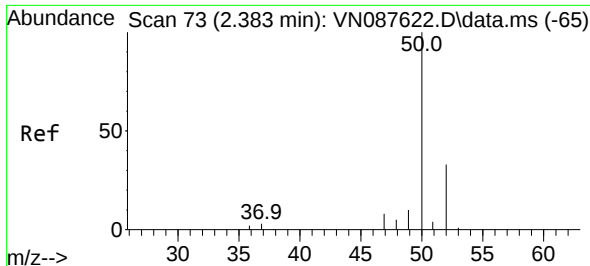
Tgt Ion:168 Resp: 217251
Ion Ratio Lower Upper
168 100
99 61.3 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 43.687 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Tgt Ion: 85 Resp: 134799
Ion Ratio Lower Upper
85 100
87 29.4 16.6 49.8



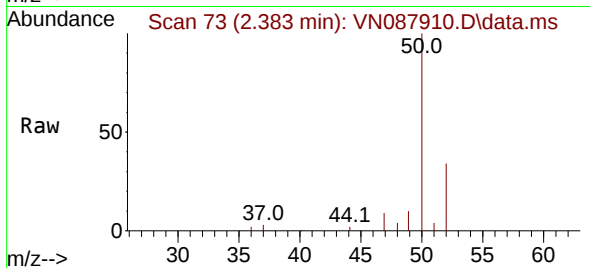


#3
Chloromethane
Concen: 43.994 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

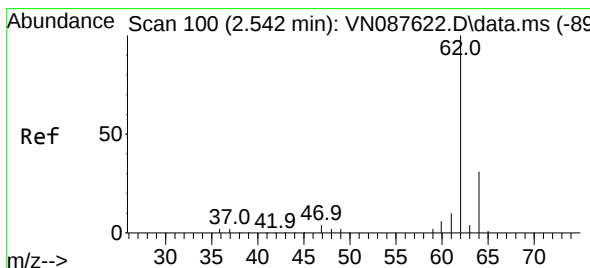
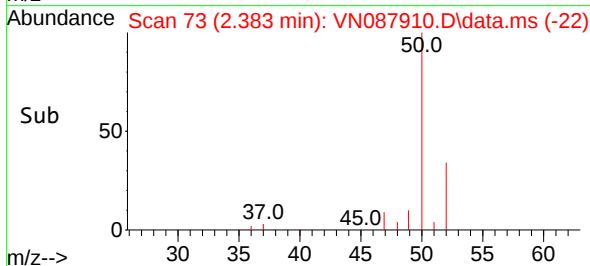
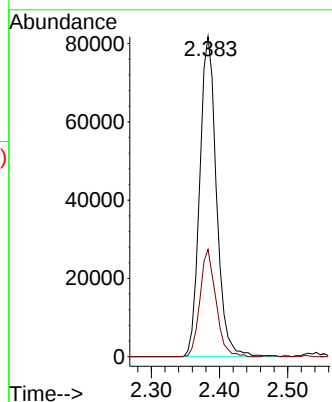
Instrument :

MSVOA_N

ClientSampleId :

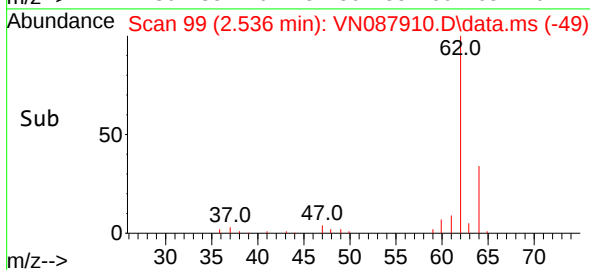
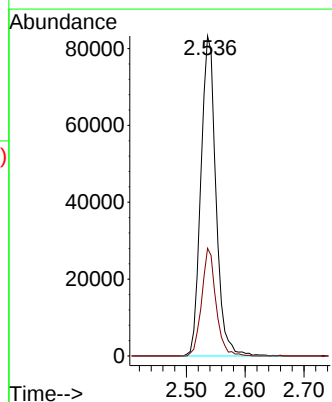
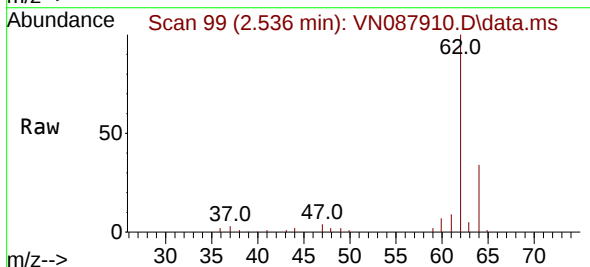


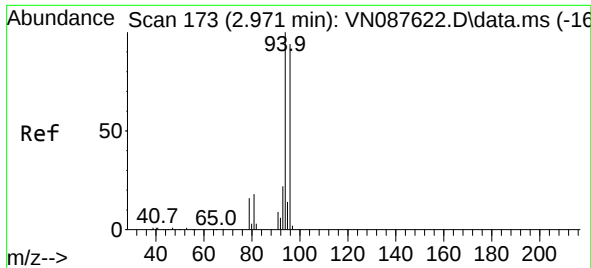
Tgt Ion: 50 Resp: 139504
Ion Ratio Lower Upper
50 100
52 33.5 26.2 39.4



#4
Vinyl Chloride
Concen: 40.264 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Tgt Ion: 62 Resp: 148036
Ion Ratio Lower Upper
62 100
64 33.6 24.6 37.0

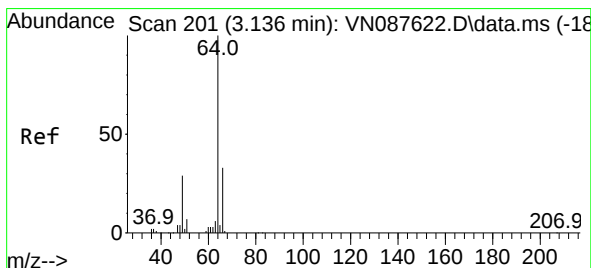
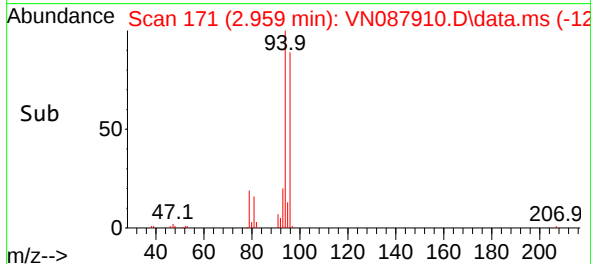
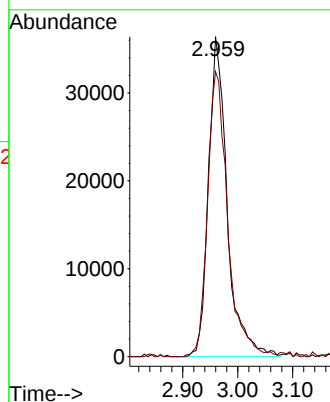
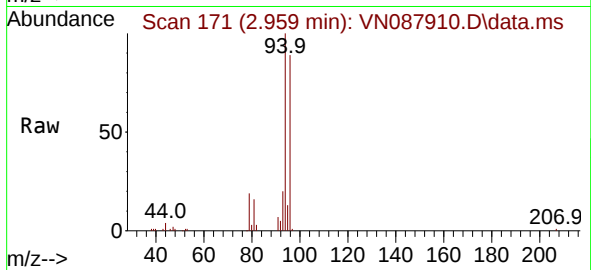




#5
Bromomethane
Concen: 45.471 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

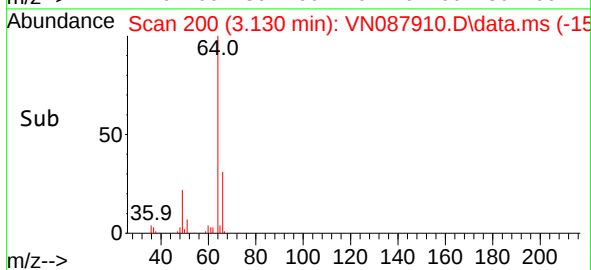
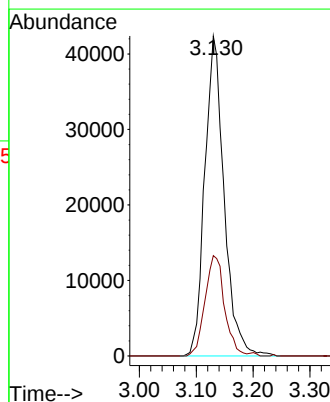
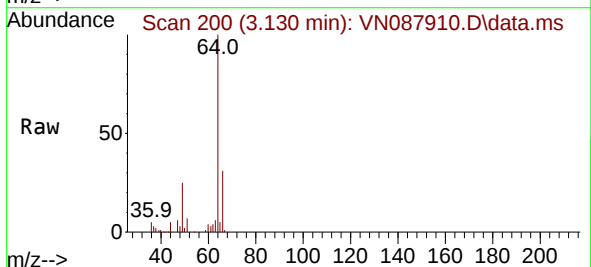
Instrument :
MSVOA_N
ClientSampleId :

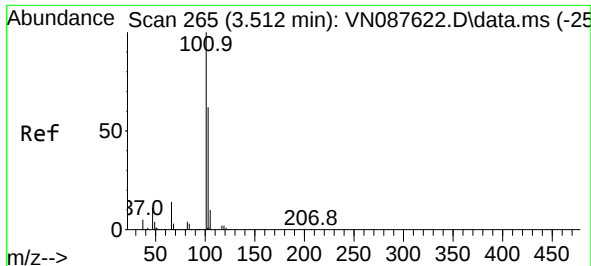
Tgt Ion: 94 Resp: 86262
Ion Ratio Lower Upper
94 100
96 89.1 75.4 113.2



#6
Chloroethane
Concen: 38.706 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Tgt Ion: 64 Resp: 100020
Ion Ratio Lower Upper
64 100
66 31.4 26.2 39.2

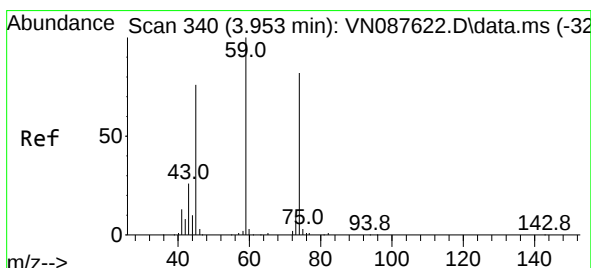
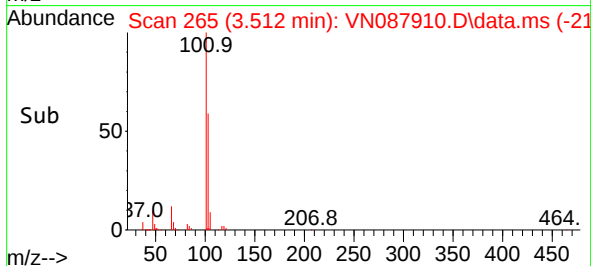
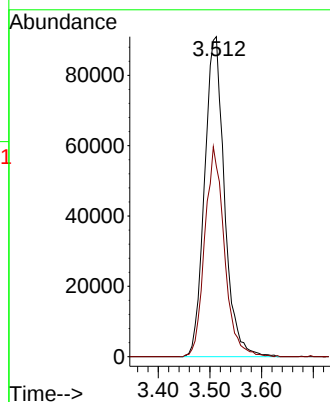
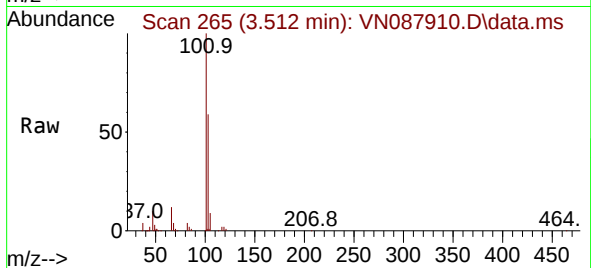




#7
 Trichlorofluoromethane
 Concen: 45.133 ug/l
 RT: 3.512 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087910.D
 Acq: 19 Sep 2025 14:54

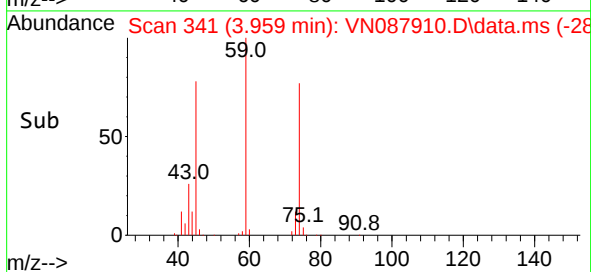
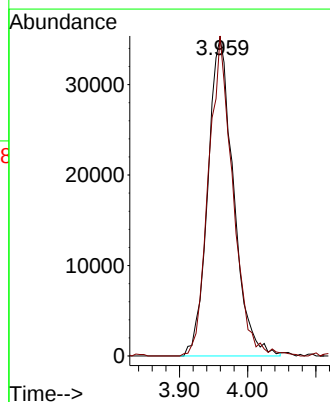
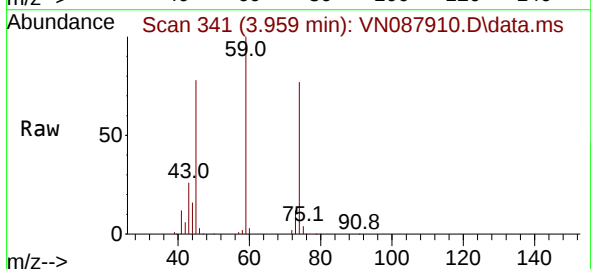
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:101 Resp: 243113
 Ion Ratio Lower Upper
 101 100
 103 59.4 49.4 74.0



#8
 Diethyl Ether
 Concen: 39.157 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087910.D
 Acq: 19 Sep 2025 14:54

Tgt Ion: 74 Resp: 91859
 Ion Ratio Lower Upper
 74 100
 45 95.6 50.6 151.9

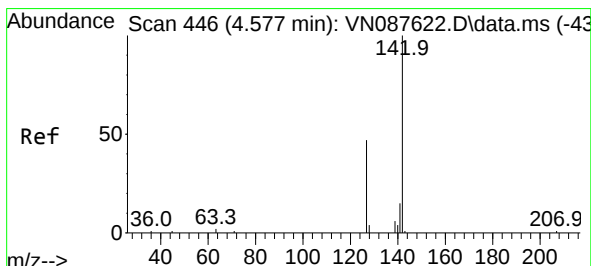
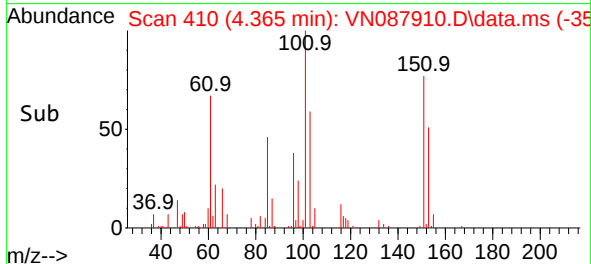
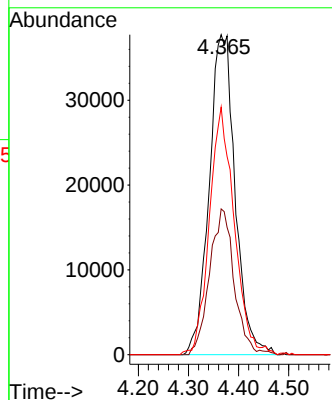
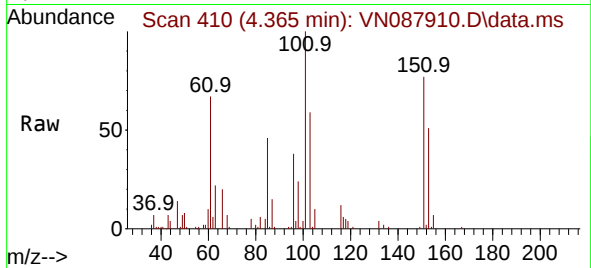




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.564 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

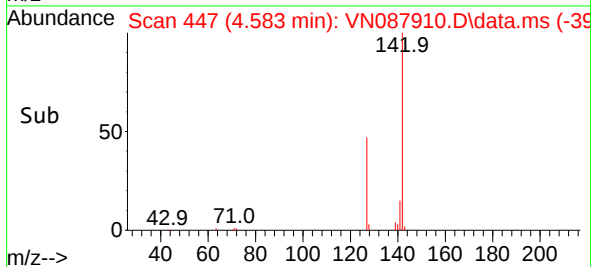
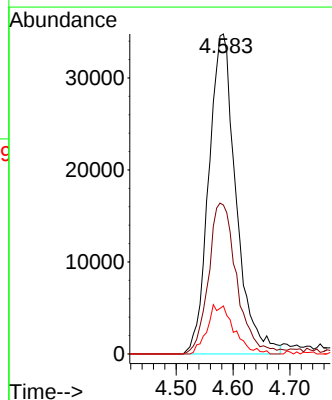
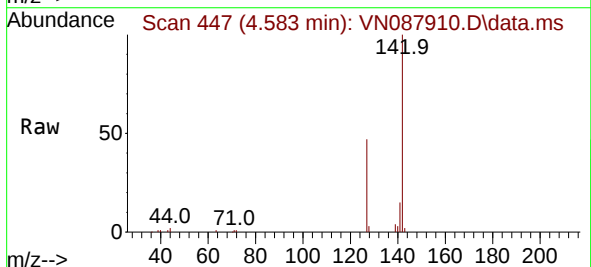
Instrument :
MSVOA_N
ClientSampleId :

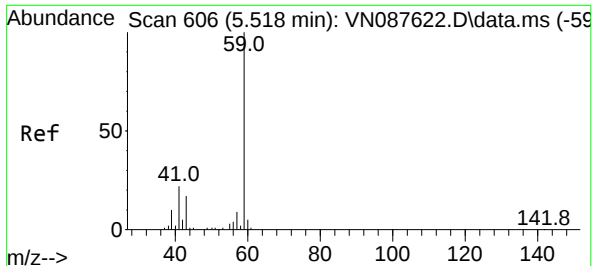
Tgt Ion:101 Resp: 135832
Ion Ratio Lower Upper
101 100
85 43.2 36.6 55.0
151 74.1 54.7 82.1



#10
Methyl Iodide
Concen: 50.713 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Tgt Ion:142 Resp: 115773
Ion Ratio Lower Upper
142 100
127 46.6 38.0 57.0
141 15.0 12.0 18.0

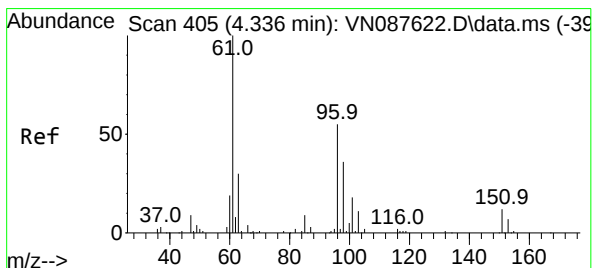
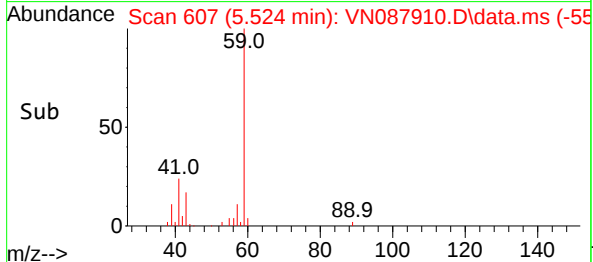
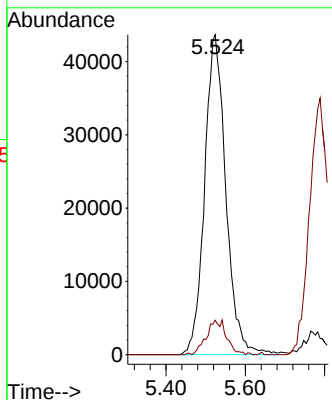
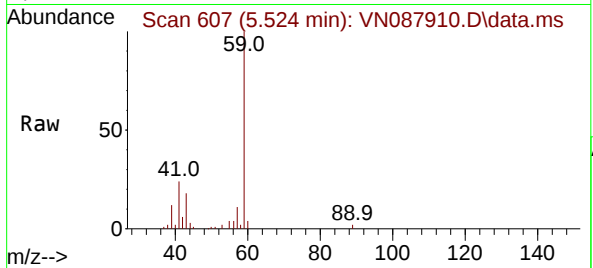




#11
Tert butyl alcohol
Concen: 210.299 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

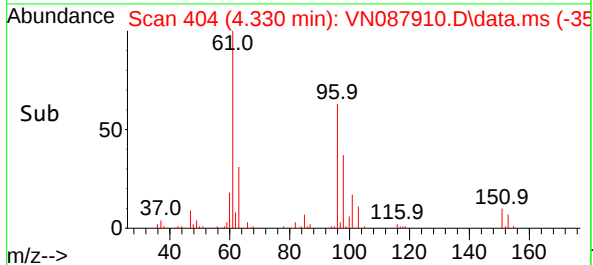
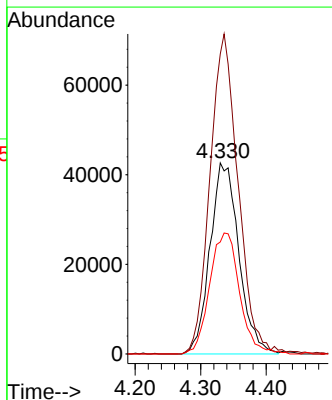
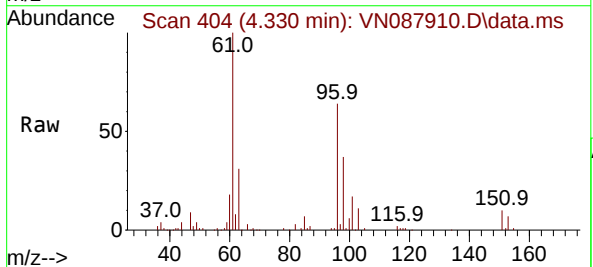
Instrument :
MSVOA_N
ClientSampleId :

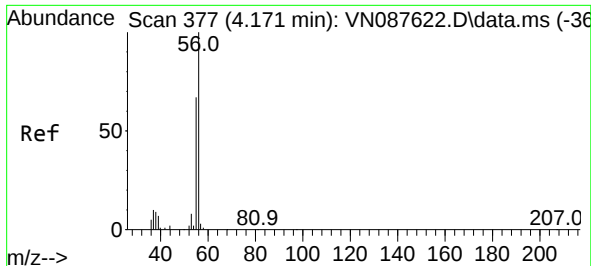
Tgt Ion: 59 Resp: 162508
Ion Ratio Lower Upper
59 100
57 10.2 9.0 13.4



#12
1,1-Dichloroethene
Concen: 41.573 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Tgt Ion: 96 Resp: 130216
Ion Ratio Lower Upper
96 100
61 157.0 143.8 215.8
98 58.7 52.1 78.1





#13

Acrolein

Concen: 214.826 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

Instrument :

MSVOA_N

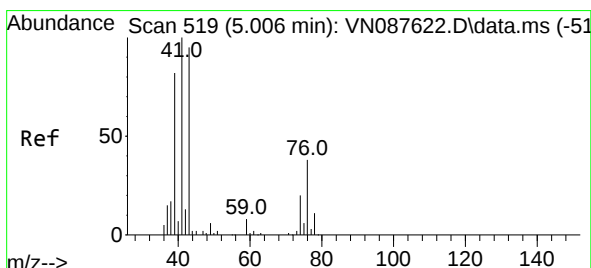
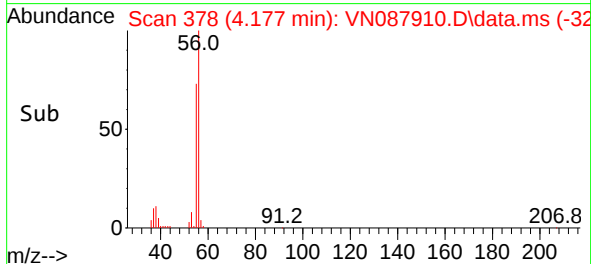
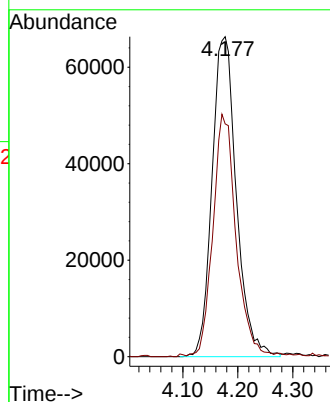
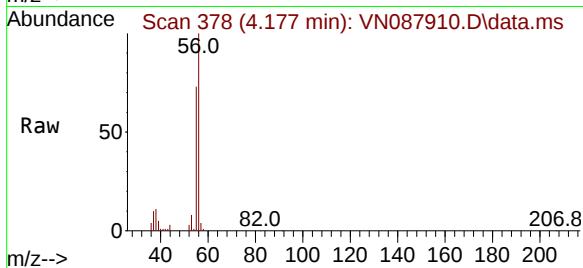
ClientSampleId :

Tgt Ion: 56 Resp: 204083

Ion Ratio Lower Upper

56 100

55 71.0 57.3 85.9



#14

Allyl chloride

Concen: 38.829 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.006 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

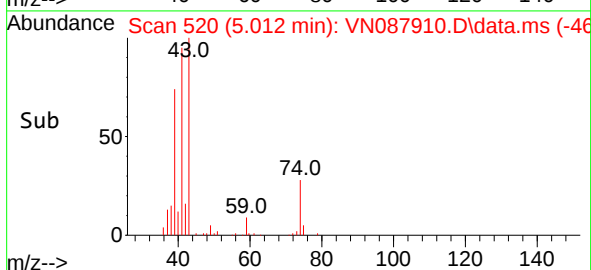
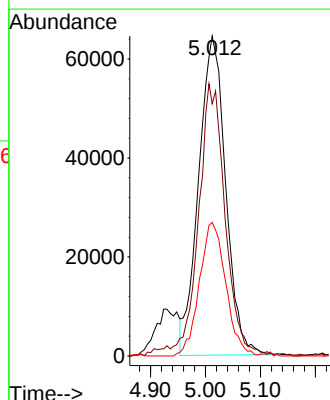
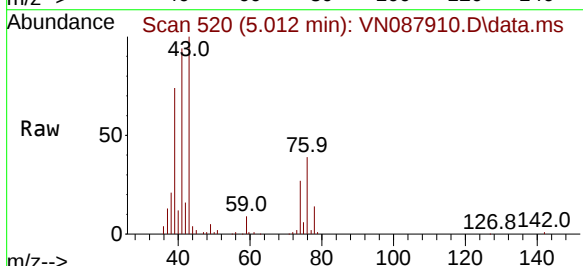
Tgt Ion: 41 Resp: 220396

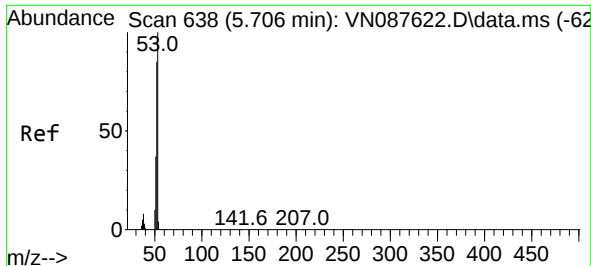
Ion Ratio Lower Upper

41 100

39 85.2 63.9 95.9

76 40.8 28.1 42.1

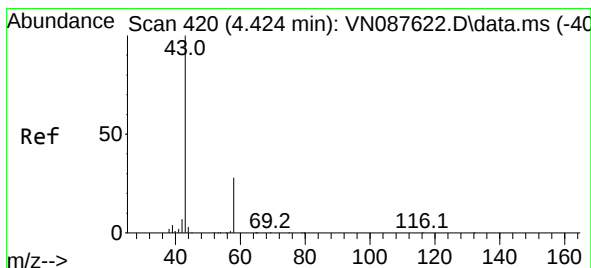
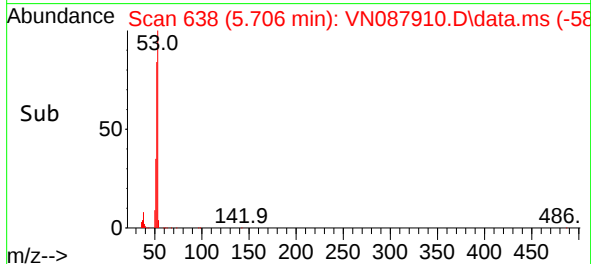
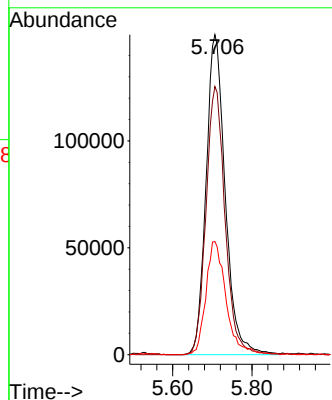
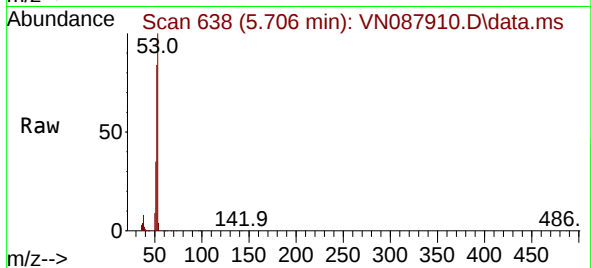




#15
Acrylonitrile
Concen: 230.747 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

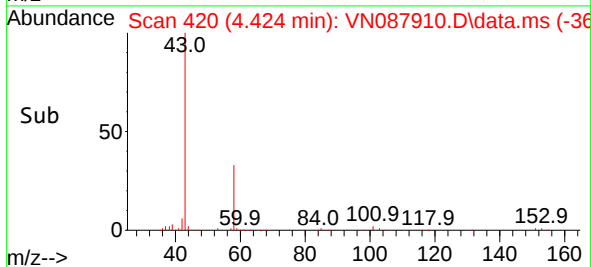
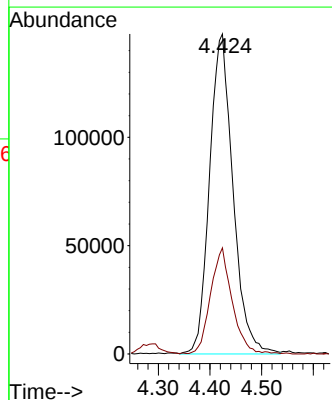
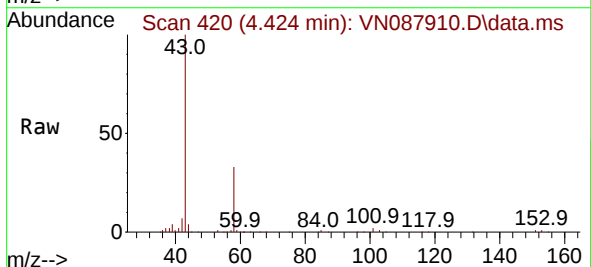
Instrument :
MSVOA_N
ClientSampleId :

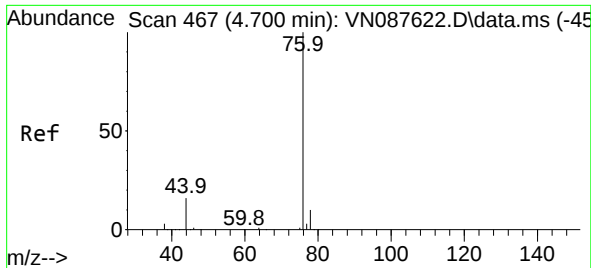
Tgt Ion: 53 Resp: 502877
Ion Ratio Lower Upper
53 100
52 83.3 67.6 101.4
51 37.2 30.1 45.1



#16
Acetone
Concen: 191.887 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Tgt Ion: 43 Resp: 464963
Ion Ratio Lower Upper
43 100
58 33.0 22.6 33.8

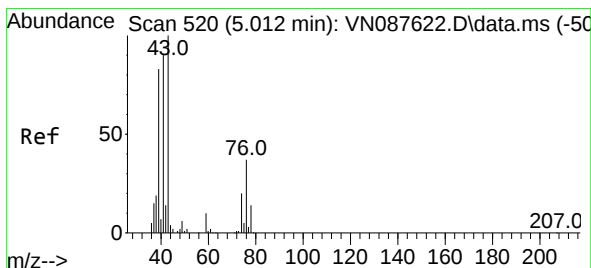
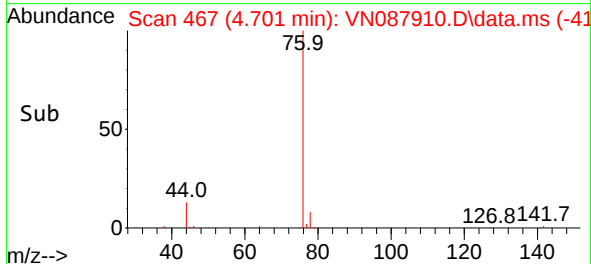
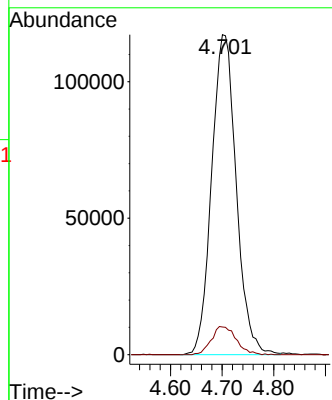
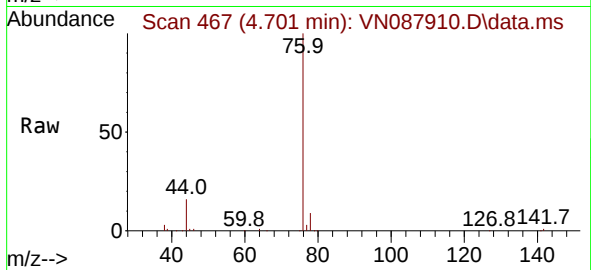




#17
Carbon Disulfide
Concen: 44.934 ug/l
RT: 4.701 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

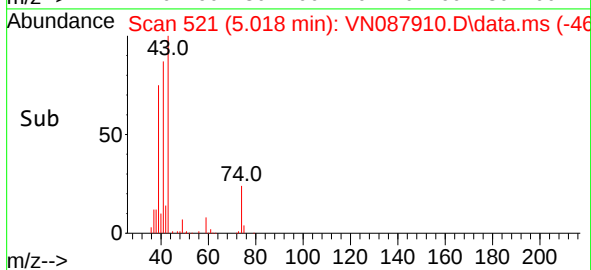
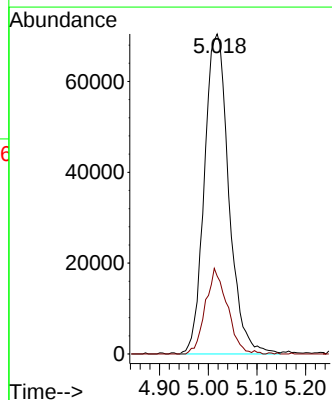
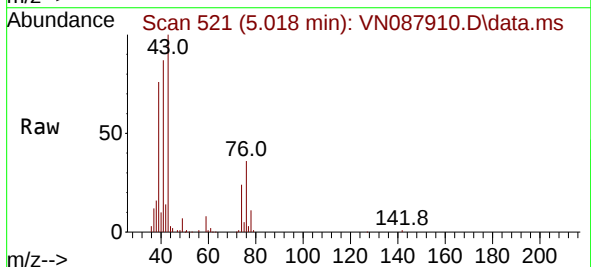
Instrument :
MSVOA_N
ClientSampleId :

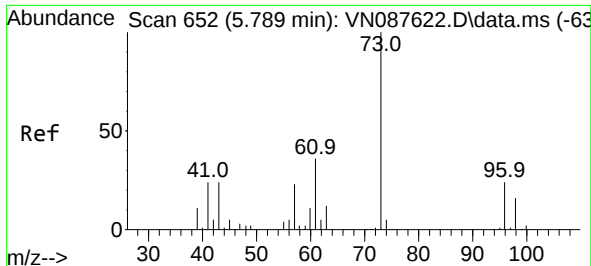
Tgt Ion: 76 Resp: 387459
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4



#18
Methyl Acetate
Concen: 48.383 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Tgt Ion: 43 Resp: 245472
Ion Ratio Lower Upper
43 100
74 23.9 17.6 26.4

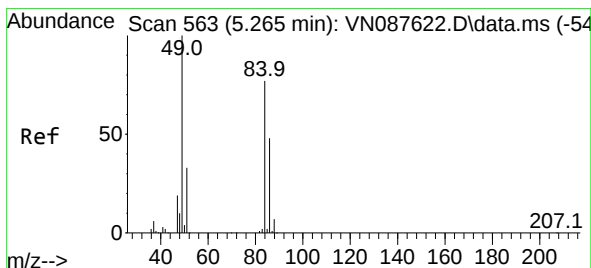
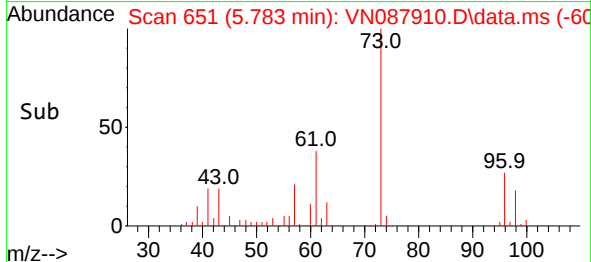
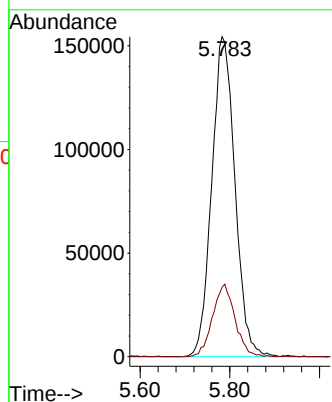
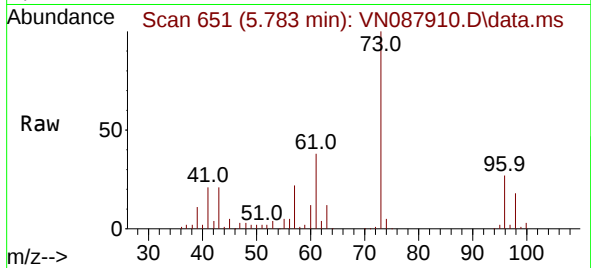




#19
Methyl tert-butyl Ether
Concen: 47.182 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

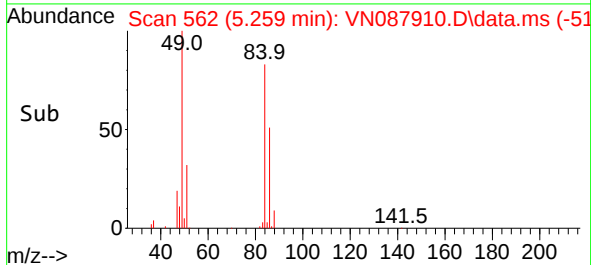
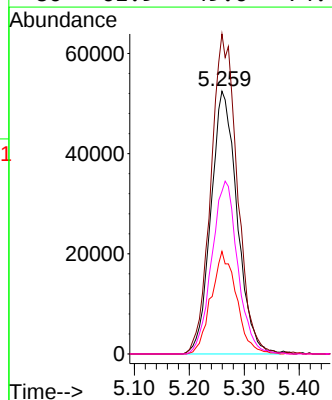
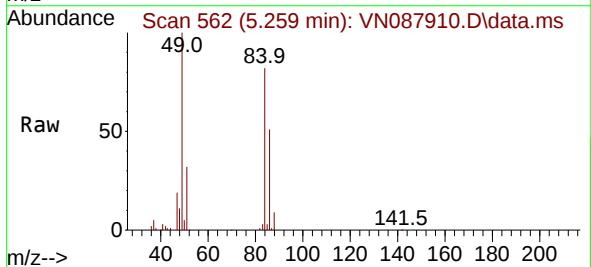
Instrument :
MSVOA_N
ClientSampleId :

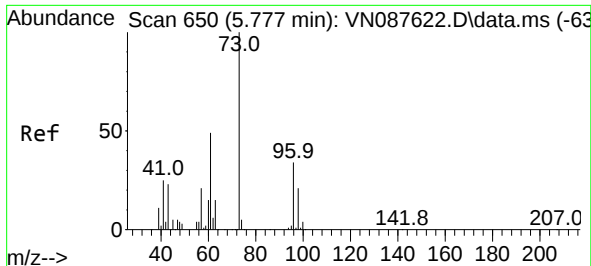
Tgt Ion: 73 Resp: 554396
Ion Ratio Lower Upper
73 100
57 21.7 18.4 27.6



#20
Methylene Chloride
Concen: 49.626 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

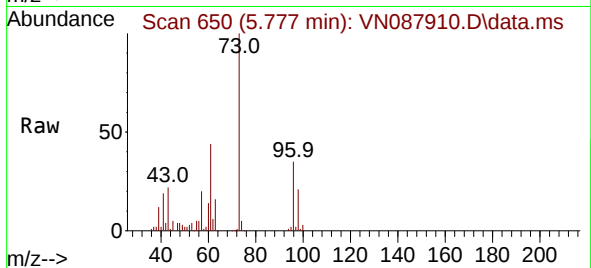
Tgt Ion: 84 Resp: 173963
Ion Ratio Lower Upper
84 100
49 121.8 103.4 155.2
51 39.0 33.8 50.8
86 61.9 49.6 74.4



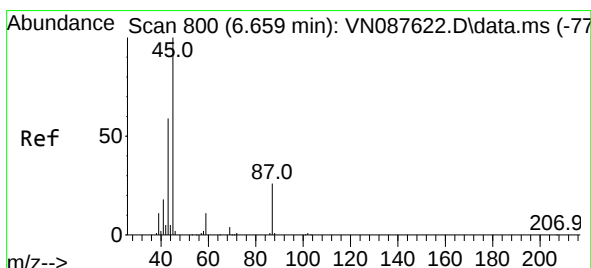
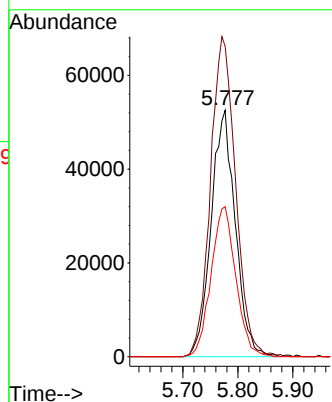
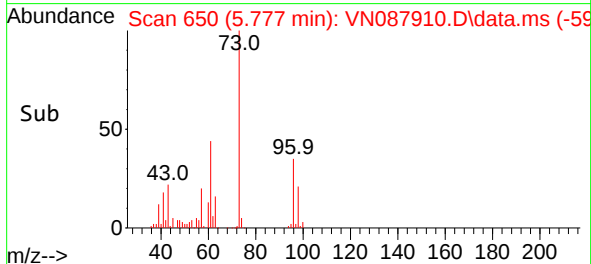


#21
trans-1,2-Dichloroethene
Concen: 47.346 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

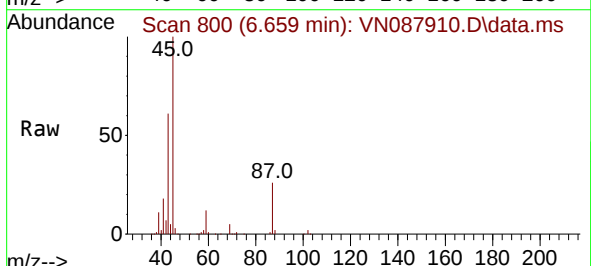
Instrument :
MSVOA_N
ClientSampleId :



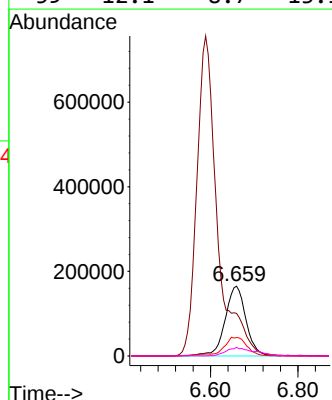
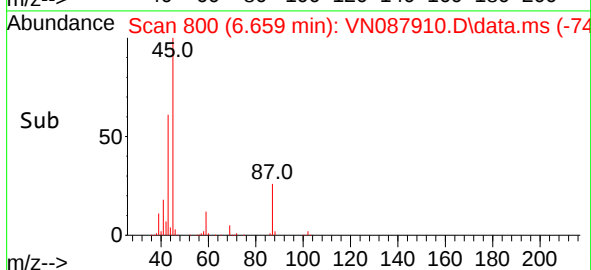
Tgt Ion: 96 Resp: 160723
Ion Ratio Lower Upper
96 100
61 126.0 118.0 177.0
98 60.9 50.0 75.0



#22
Diisopropyl ether
Concen: 44.456 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54



Tgt Ion: 45 Resp: 544541
Ion Ratio Lower Upper
45 100
43 59.9 47.7 71.5
87 26.3 21.4 32.0
59 12.1 8.7 13.1

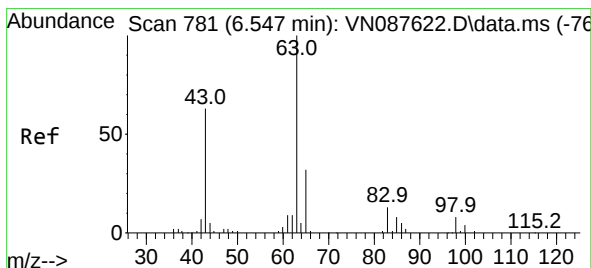
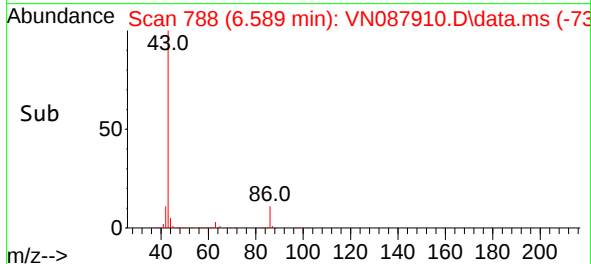
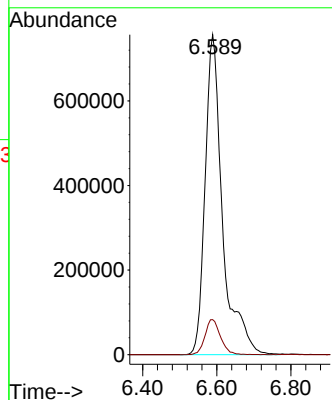
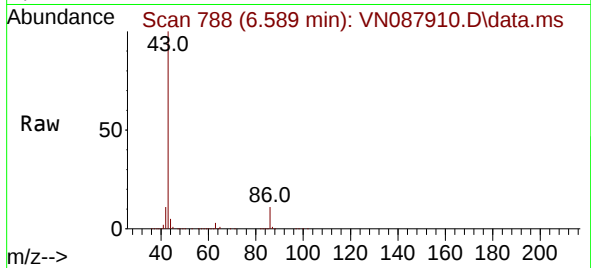




#23
 Vinyl Acetate
 Concen: 221.531 ug/l
 RT: 6.589 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN087910.D
 Acq: 19 Sep 2025 14:54

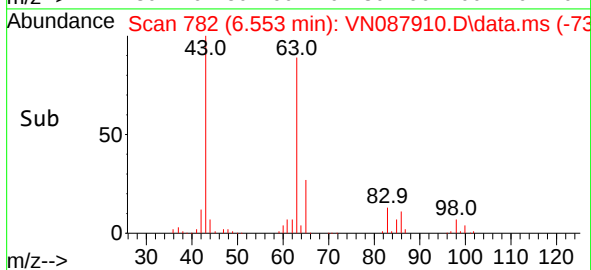
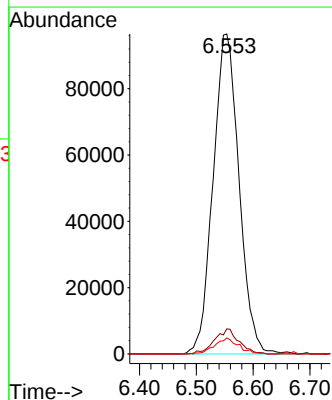
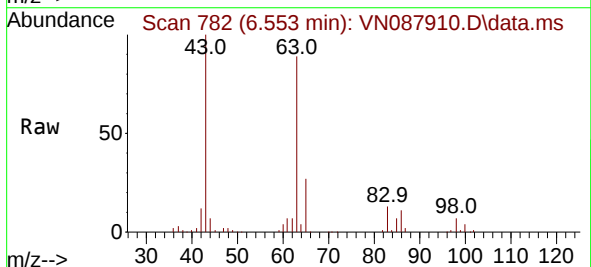
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 43 Resp: 2468722
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 45.541 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087910.D
 Acq: 19 Sep 2025 14:54

Tgt Ion: 63 Resp: 305854
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.4
 100 5.0 2.0 6.0

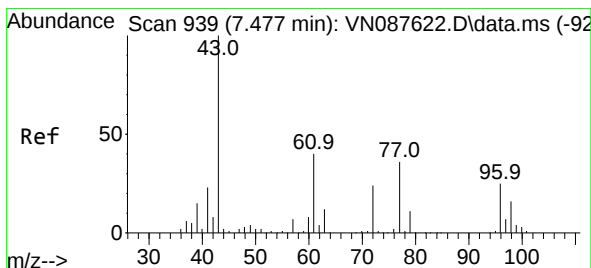
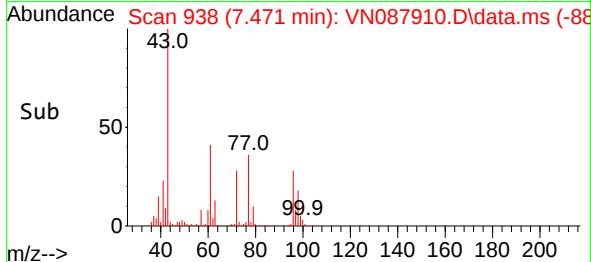
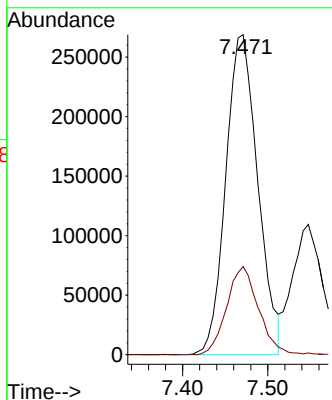
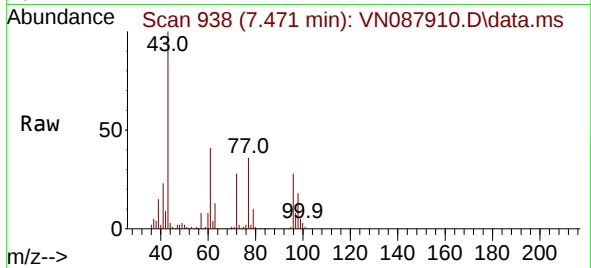




#25
2-Butanone
Concen: 220.308 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

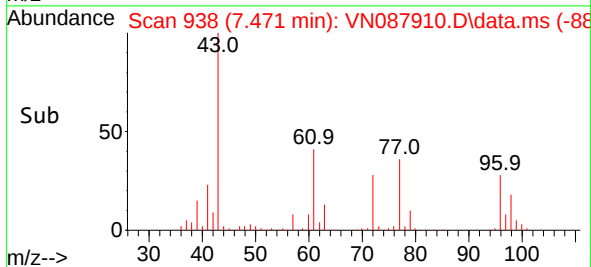
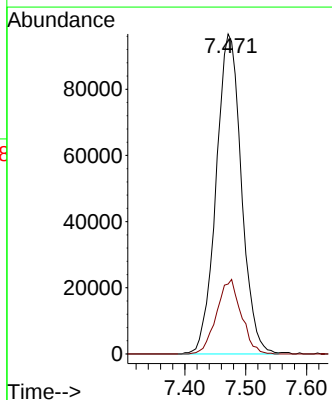
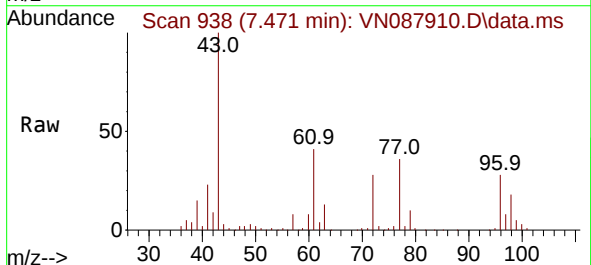
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 702318
Ion Ratio Lower Upper
43 100
72 27.6 19.9 29.9



#26
2,2-Dichloropropane
Concen: 48.342 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

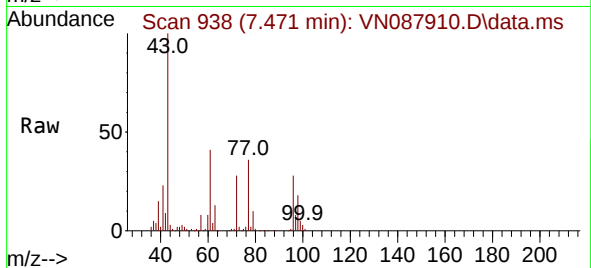
Tgt Ion: 77 Resp: 278649
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.7



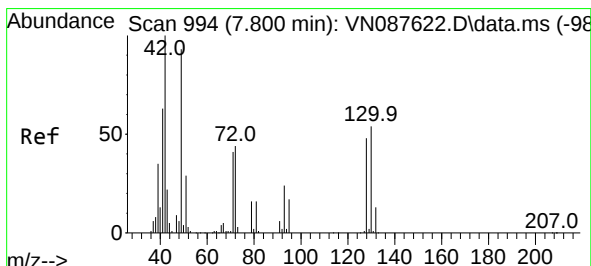
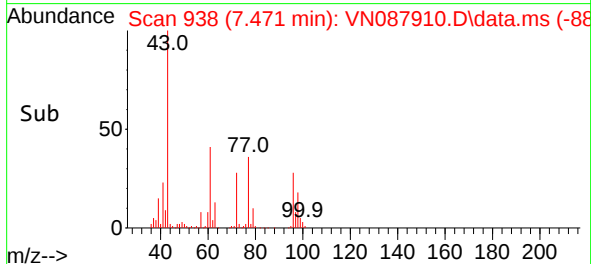
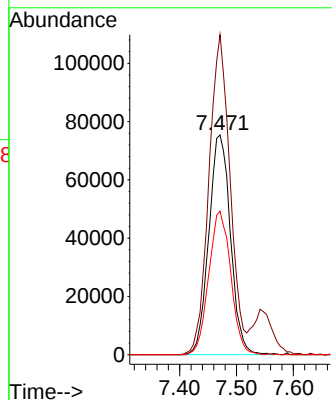


#27
cis-1,2-Dichloroethene
Concen: 49.234 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :

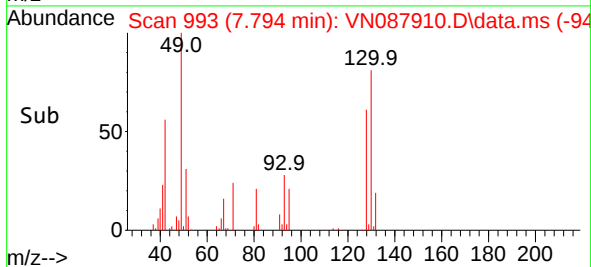
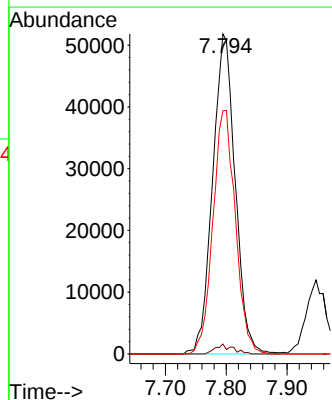
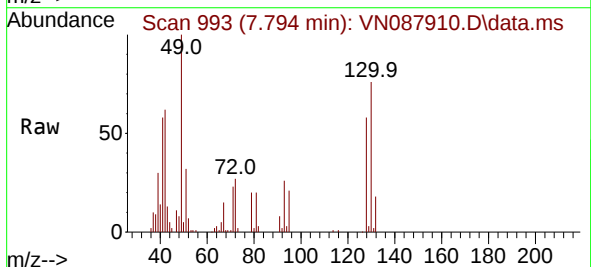


Tgt Ion: 96 Resp: 199806
Ion Ratio Lower Upper
96 100
61 142.3 0.0 301.8
98 66.3 0.0 126.2



#28
Bromochloromethane
Concen: 41.088 ug/l
RT: 7.794 min Scan# 993
Delta R.T. -0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Tgt Ion: 49 Resp: 133405
Ion Ratio Lower Upper
49 100
129 2.4 0.0 3.0
130 75.9 53.1 79.7





#29

Tetrahydrofuran

Concen: 218.566 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

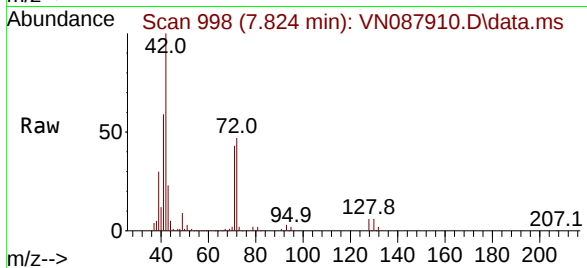
Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :



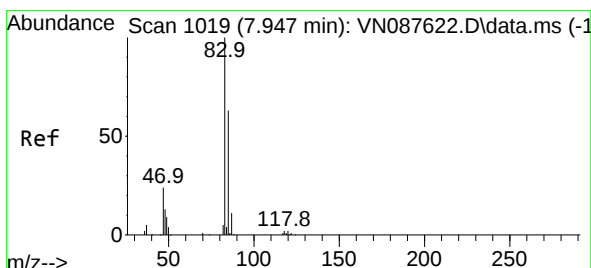
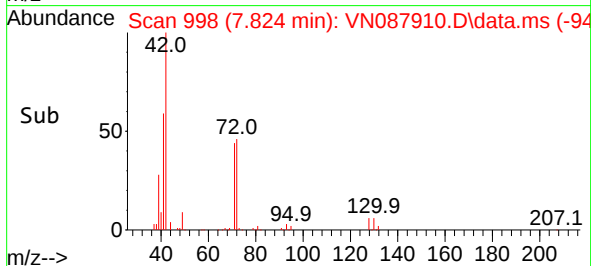
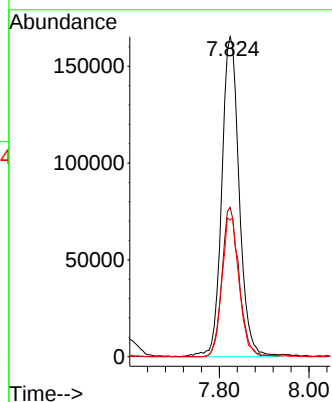
Tgt Ion: 42 Resp: 448408

Ion Ratio Lower Upper

42 100

72 45.6 33.7 50.5

71 42.6 31.9 47.9



#30

Chloroform

Concen: 48.445 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087910.D

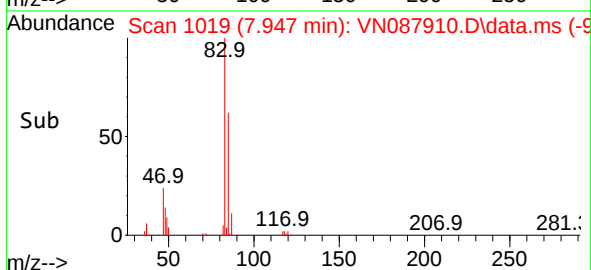
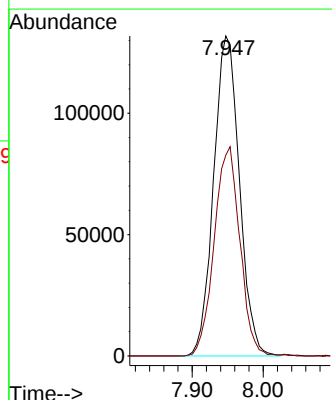
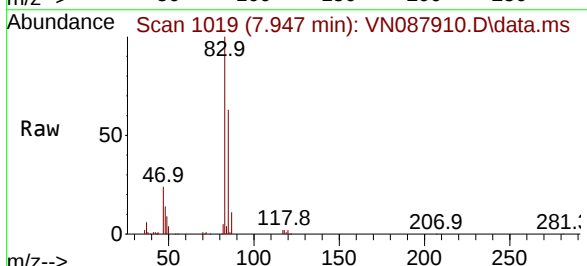
Acq: 19 Sep 2025 14:54

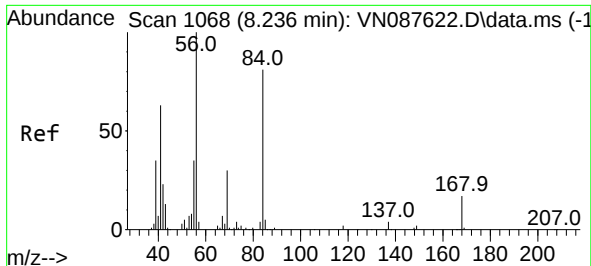
Tgt Ion: 83 Resp: 332084

Ion Ratio Lower Upper

83 100

85 62.8 50.7 76.1

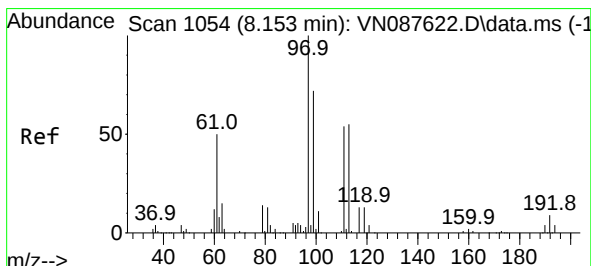
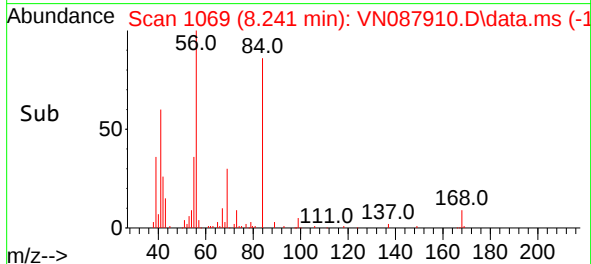
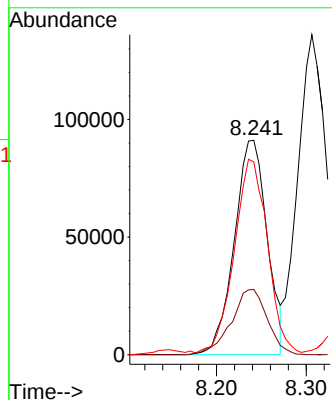
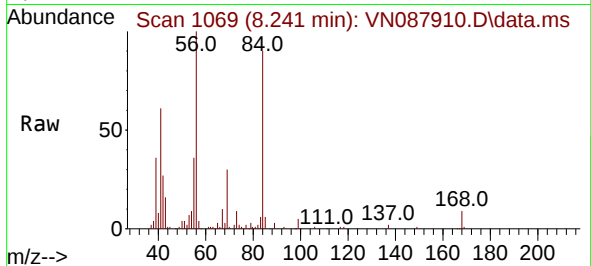




#31
Cyclohexane
Concen: 41.461 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

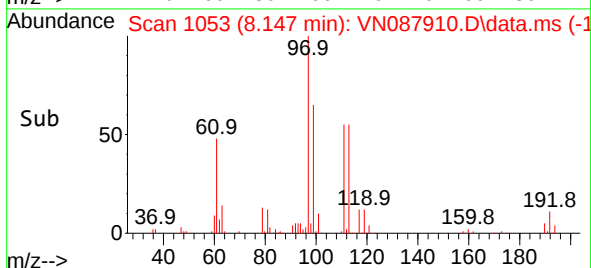
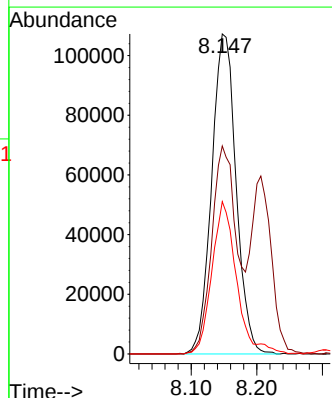
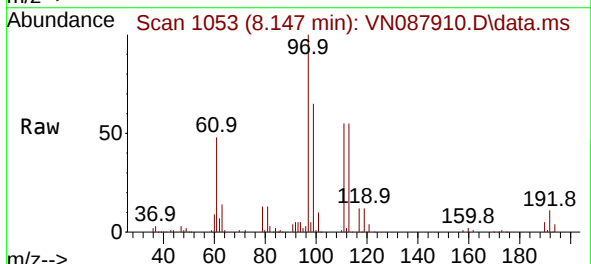
Instrument :
MSVOA_N
ClientSampleId :

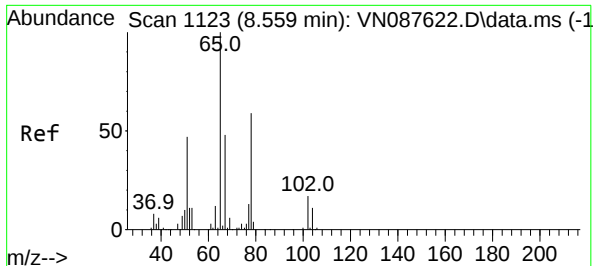
Tgt Ion: 56 Resp: 232131
Ion Ratio Lower Upper
56 100
69 30.3 23.7 35.5
84 88.4 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 47.711 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Tgt Ion: 97 Resp: 277166
Ion Ratio Lower Upper
97 100
99 66.6 52.2 78.2
61 48.0 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 43.108 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

Instrument :

MSVOA_N

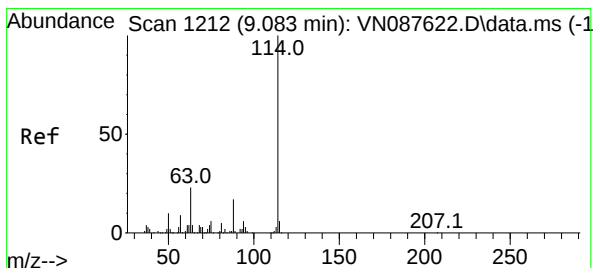
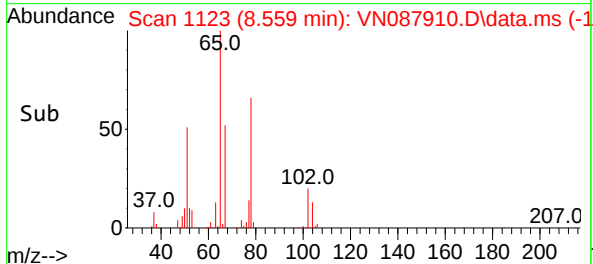
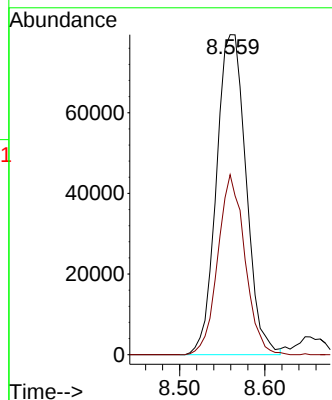
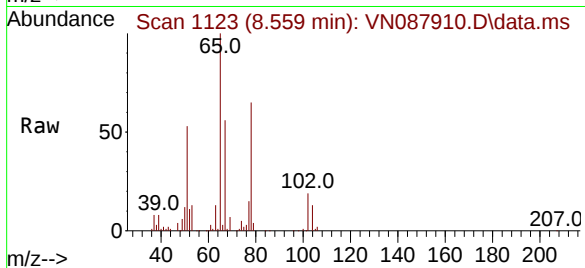
ClientSampleId :

Tgt Ion: 65 Resp: 191884

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

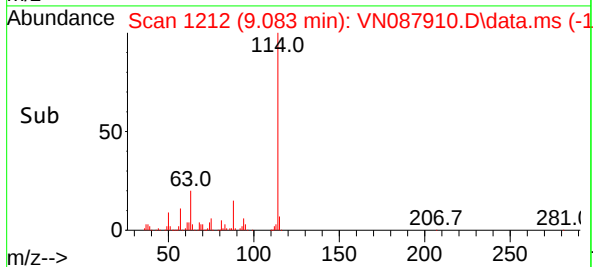
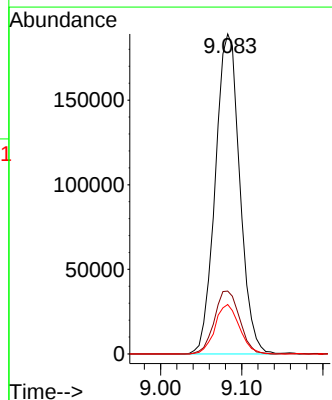
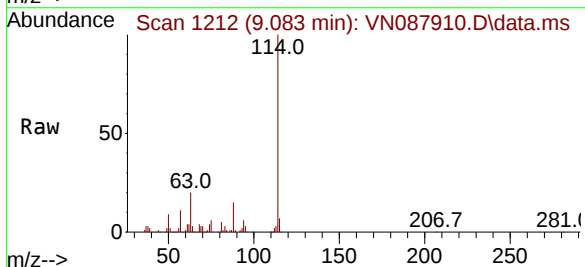
Tgt Ion: 114 Resp: 396198

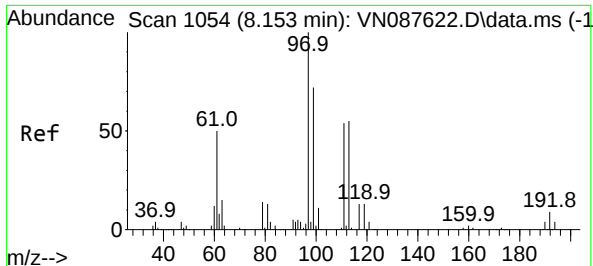
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.2

88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.041 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

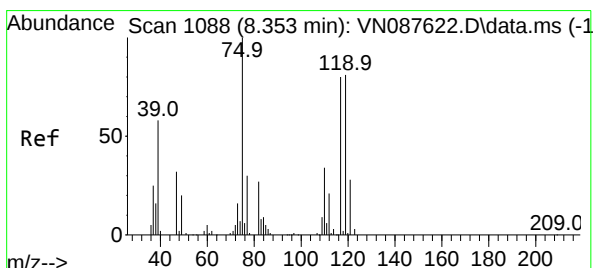
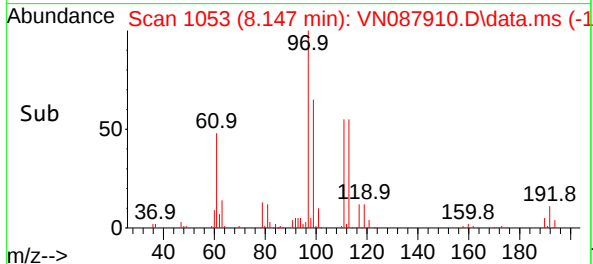
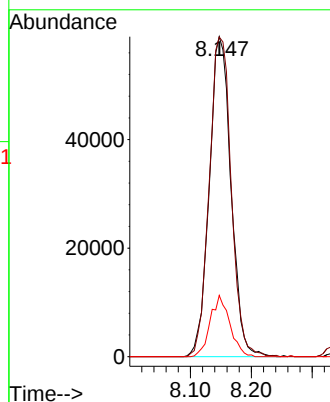
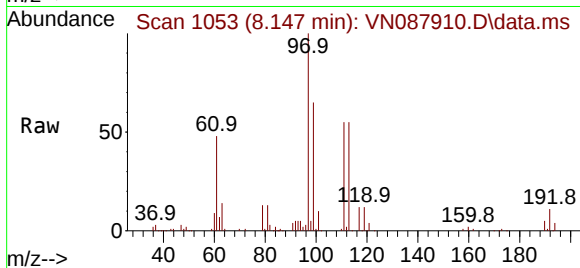
Tgt Ion:113 Resp: 146004

Ion Ratio Lower Upper

113 100

111 101.1 82.8 124.2

192 17.3 12.8 19.2



#36

1,1-Dichloropropene

Concen: 47.553 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

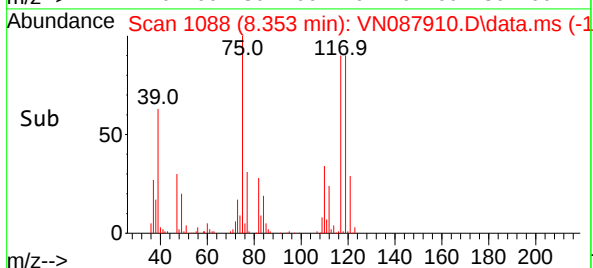
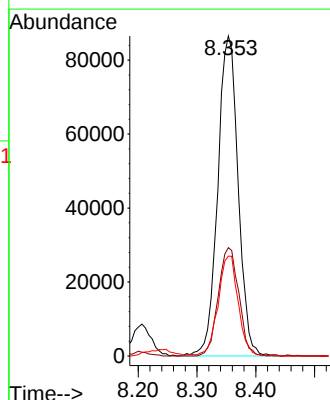
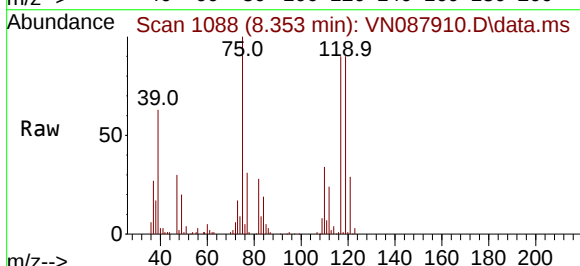
Tgt Ion: 75 Resp: 208683

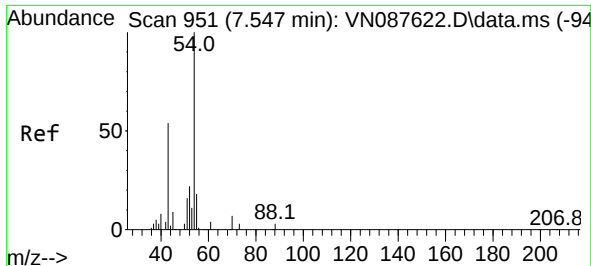
Ion Ratio Lower Upper

75 100

110 34.0 15.9 47.6

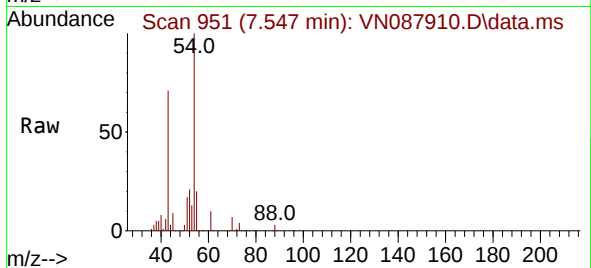
77 30.9 24.4 36.6



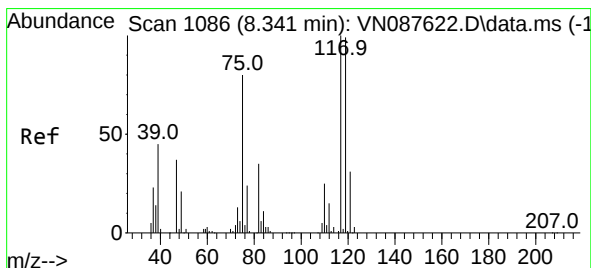
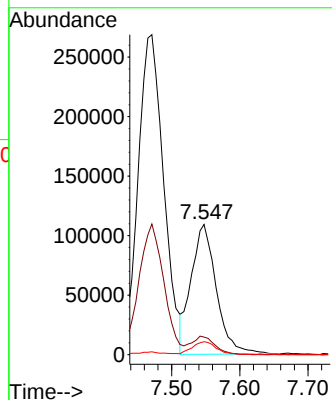
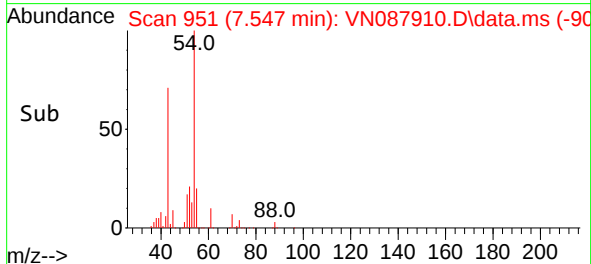


#37
Ethyl Acetate
Concen: 46.728 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :

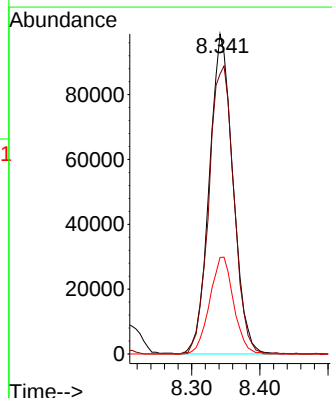
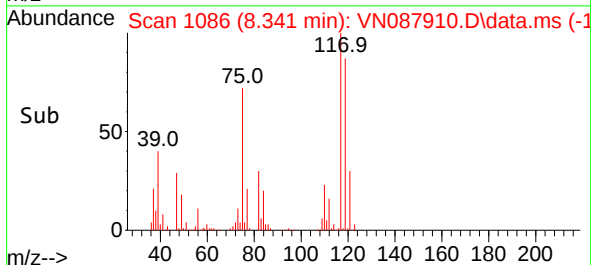
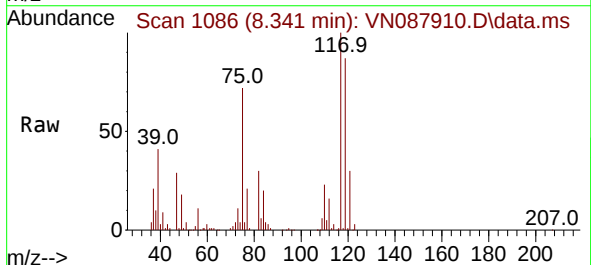


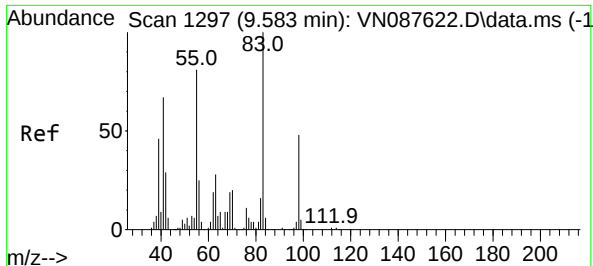
Tgt Ion: 43 Resp: 280216
Ion Ratio Lower Upper
43 100
61 13.3 9.3 13.9
70 10.0 7.0 10.6



#38
Carbon Tetrachloride
Concen: 55.064 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Tgt Ion: 117 Resp: 238581
Ion Ratio Lower Upper
117 100
119 87.5 79.0 118.6
121 30.1 25.0 37.6





#39

Methylcyclohexane

Concen: 48.639 ug/l

RT: 9.583 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

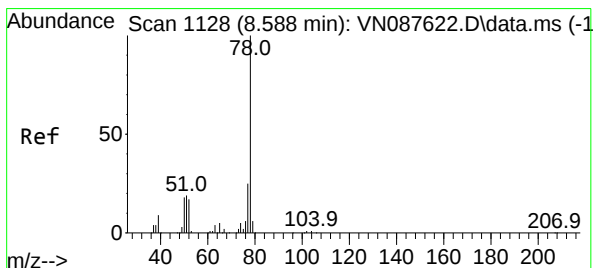
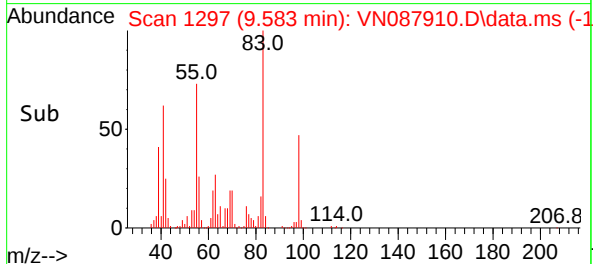
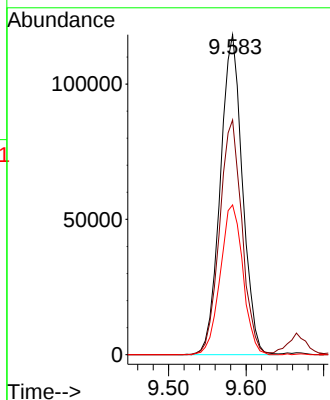
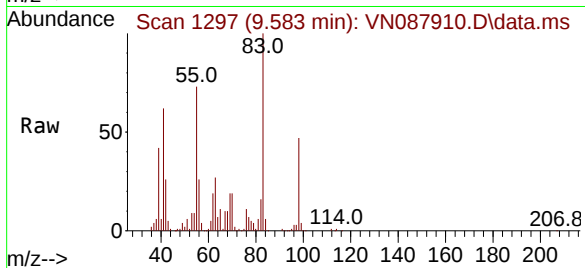
Tgt Ion: 83 Resp: 234995

Ion Ratio Lower Upper

83 100

55 73.4 64.6 96.8

98 46.8 38.4 57.6



#40

Benzene

Concen: 51.545 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN087910.D

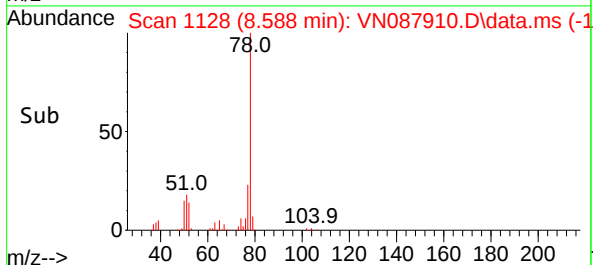
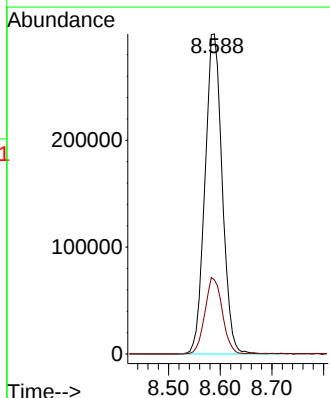
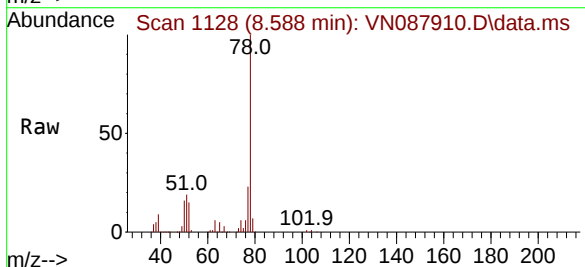
Acq: 19 Sep 2025 14:54

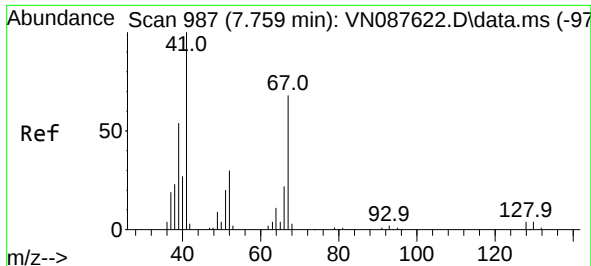
Tgt Ion: 78 Resp: 693788

Ion Ratio Lower Upper

78 100

77 23.2 19.7 29.5



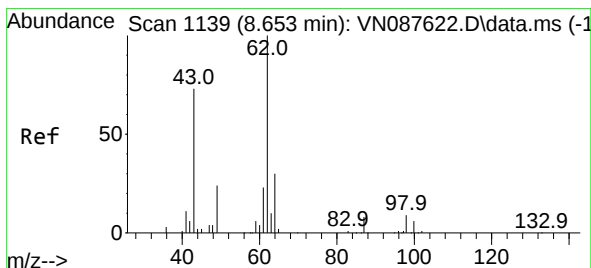
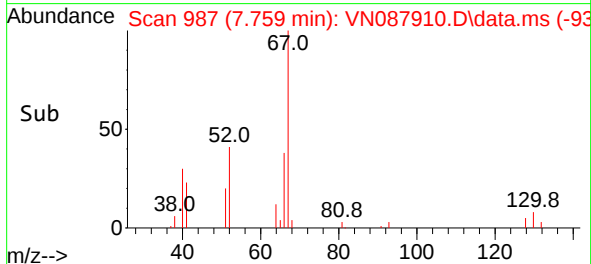
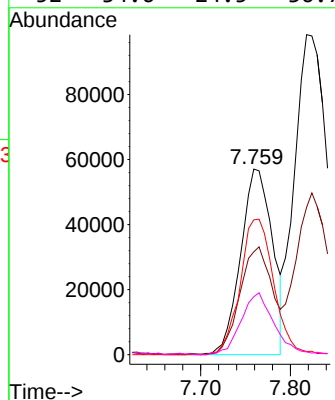
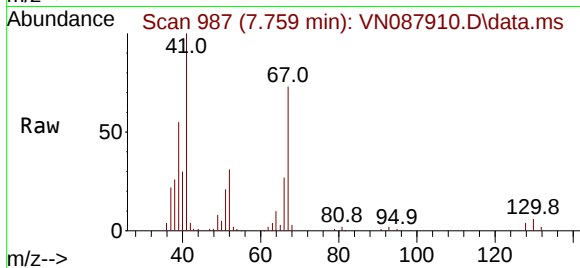


#41
Methacrylonitrile
Concen: 45.328 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 140804

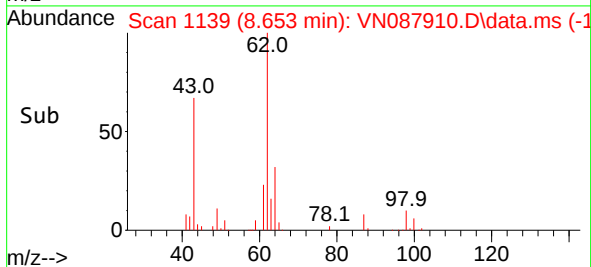
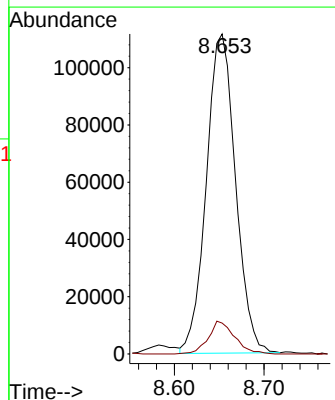
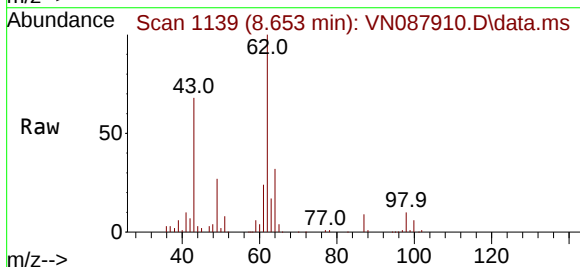
Ion	Ratio	Lower	Upper
41	100		
39	58.4	45.4	68.0
67	77.0	55.3	82.9
52	34.6	24.5	36.7

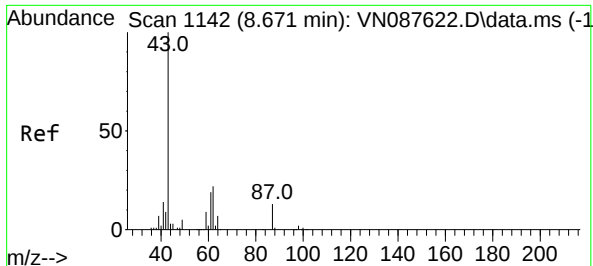


#42
1,2-Dichloroethane
Concen: 48.718 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Tgt Ion: 62 Resp: 251986

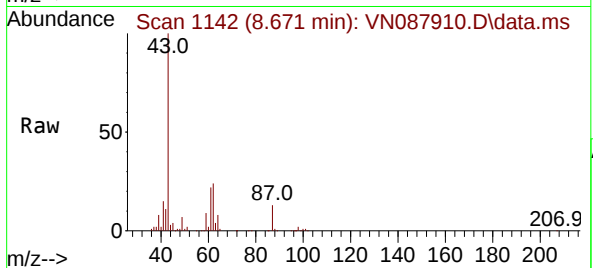
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.4



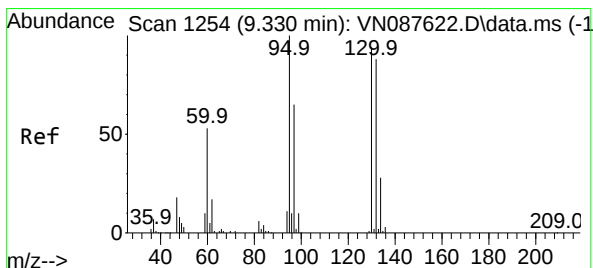
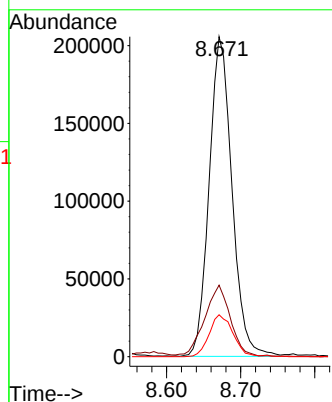
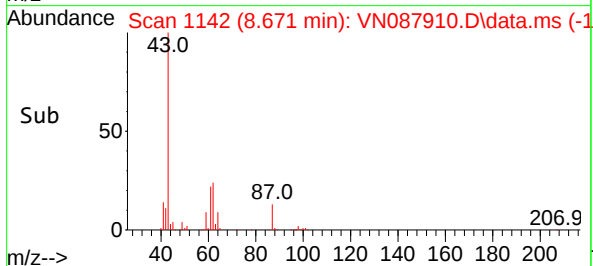


#43
Isopropyl Acetate
Concen: 46.916 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :

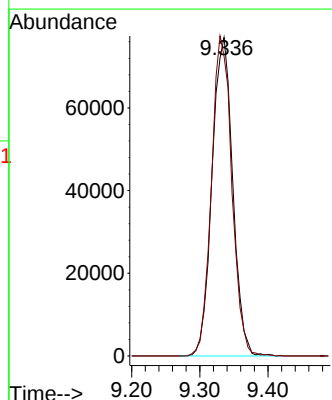
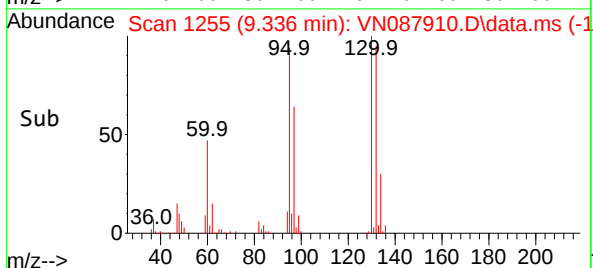
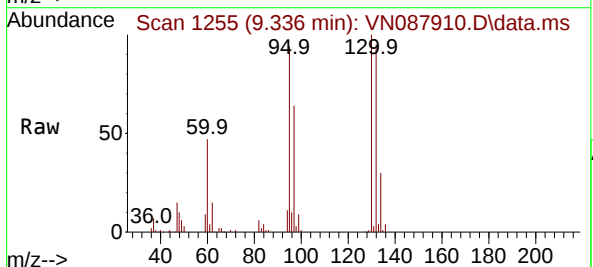


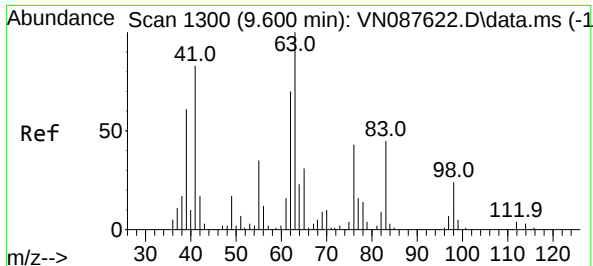
Tgt Ion: 43 Resp: 439242
Ion Ratio Lower Upper
43 100
61 24.5 18.8 28.2
87 13.8 9.6 14.4



#44
Trichloroethene
Concen: 52.889 ug/l
RT: 9.336 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Tgt Ion:130 Resp: 162529
Ion Ratio Lower Upper
130 100
95 94.2 0.0 212.0





#45

1,2-Dichloropropane

Concen: 48.488 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

Instrument :

MSVOA_N

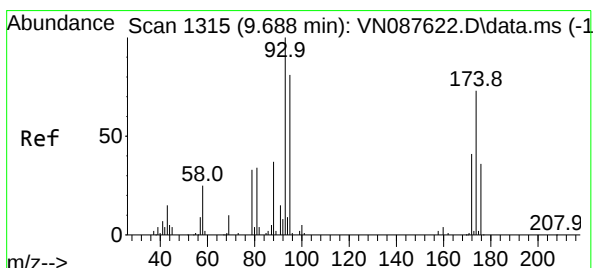
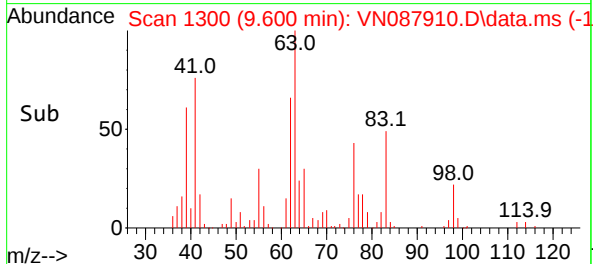
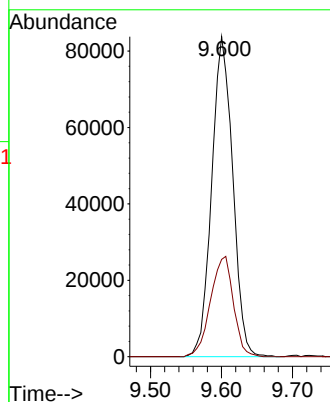
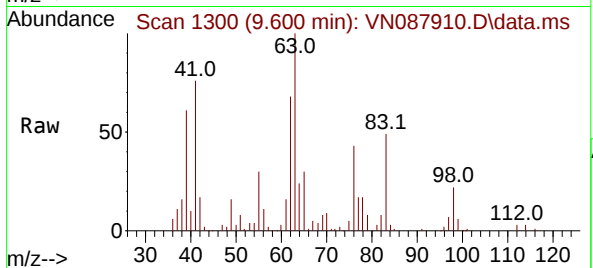
ClientSampleId :

Tgt Ion: 63 Resp: 172032

Ion Ratio Lower Upper

63 100

65 30.4 25.0 37.4



#46

Dibromomethane

Concen: 54.771 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

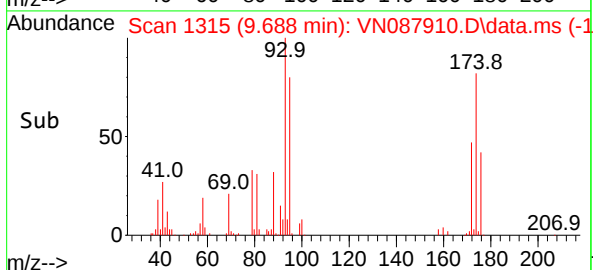
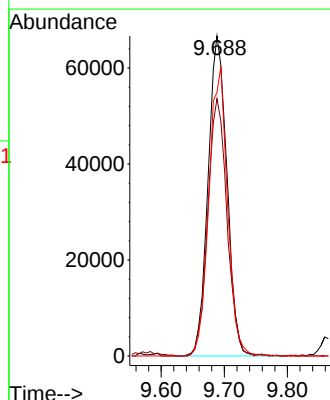
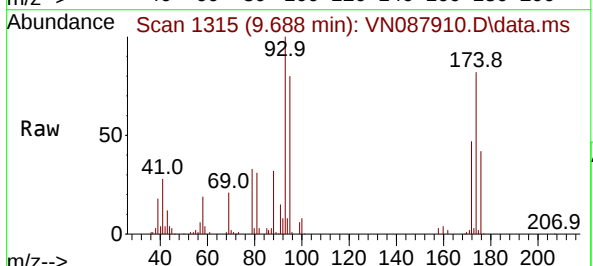
Tgt Ion: 93 Resp: 138282

Ion Ratio Lower Upper

93 100

95 81.5 66.2 99.4

174 88.9 63.4 95.2





#47

Bromodichloromethane

Concen: 52.595 ug/l

RT: 9.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

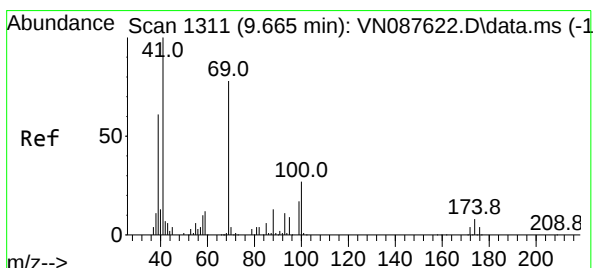
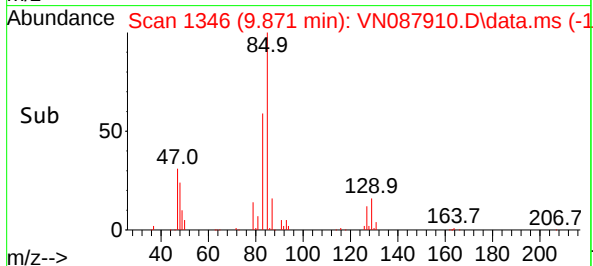
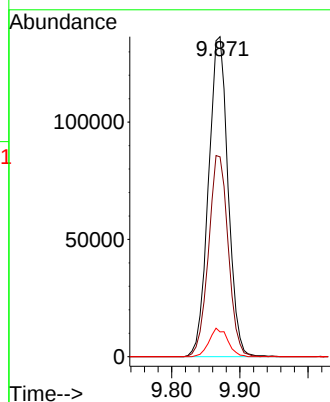
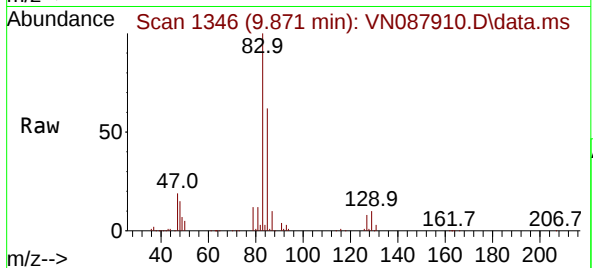
Tgt Ion: 83 Resp: 272148

Ion Ratio Lower Upper

83 100

85 62.5 52.5 78.7

127 7.8 5.8 8.6



#48

Methyl methacrylate

Concen: 47.378 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

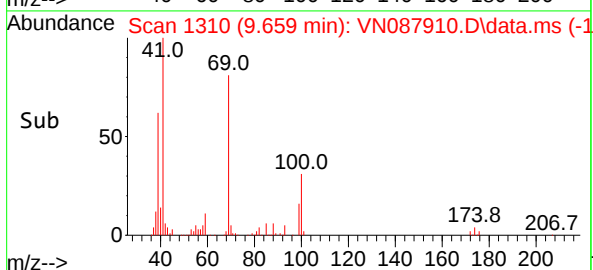
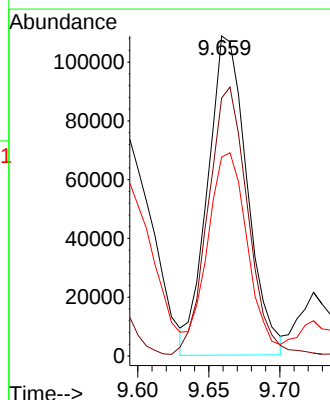
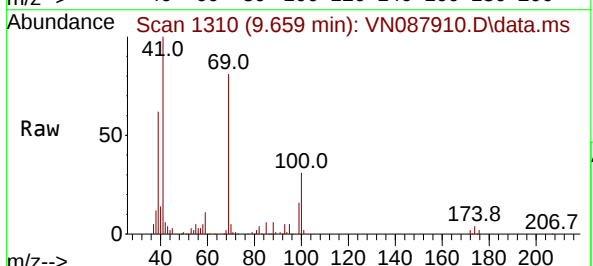
Tgt Ion: 41 Resp: 209813

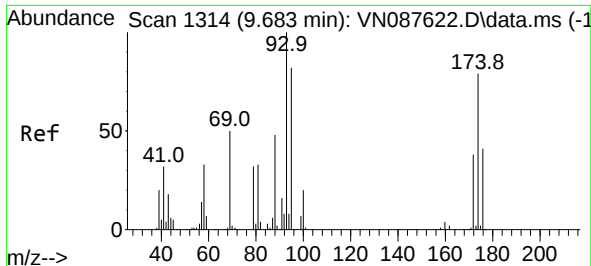
Ion Ratio Lower Upper

41 100

69 85.0 62.7 94.1

39 64.7 52.9 79.3





#49

1,4-Dioxane

Concen: 1053.083 ug/l

RT: 9.683 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

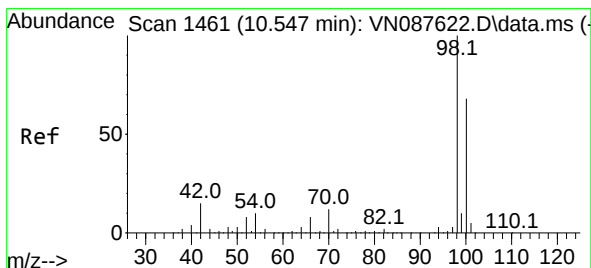
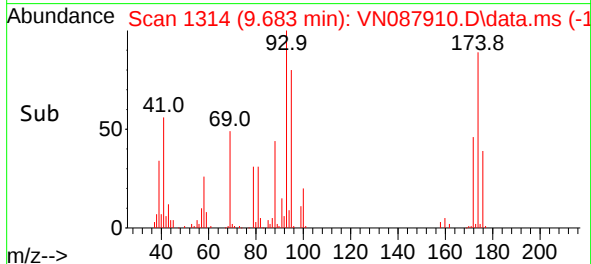
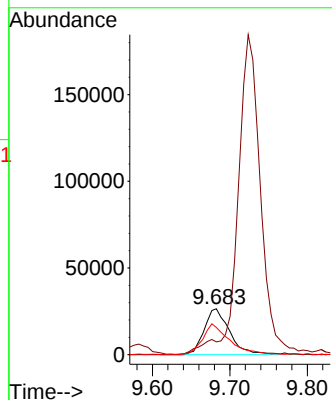
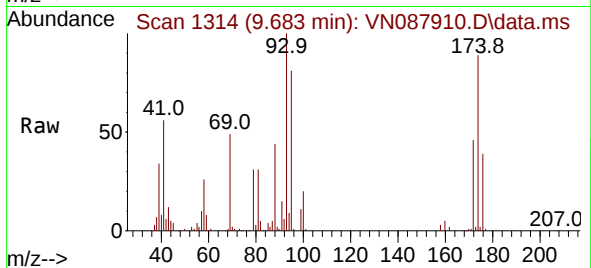
Tgt Ion: 88 Resp: 60446

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 70.8 57.9 86.9



#50

Toluene-d8

Concen: 46.272 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087910.D

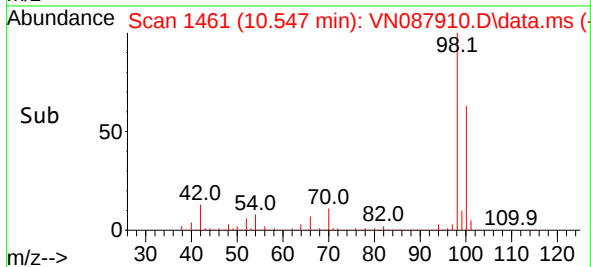
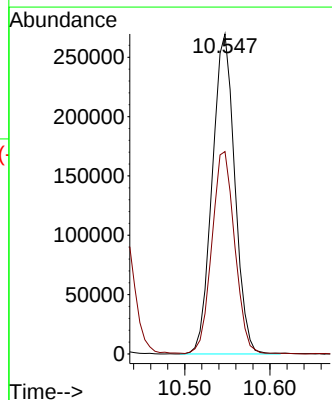
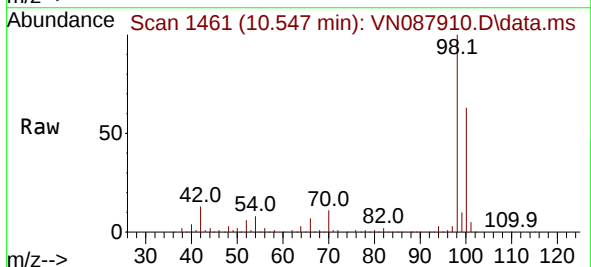
Acq: 19 Sep 2025 14:54

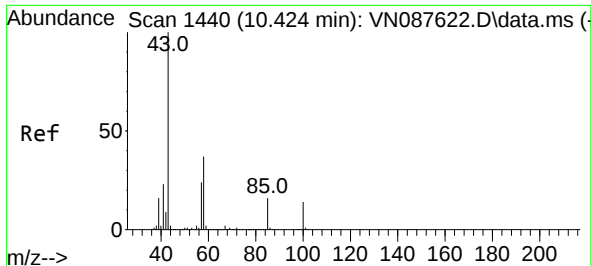
Tgt Ion: 98 Resp: 495415

Ion Ratio Lower Upper

98 100

100 64.4 52.8 79.2

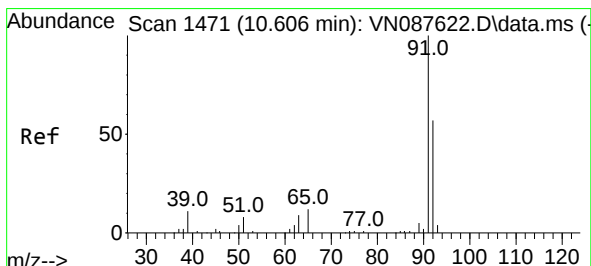
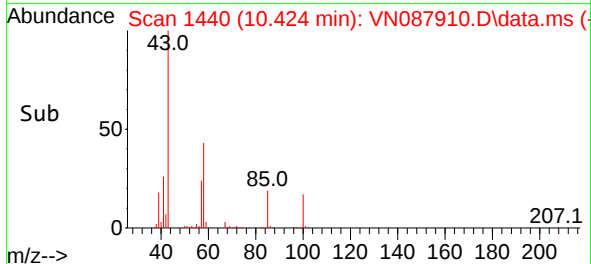
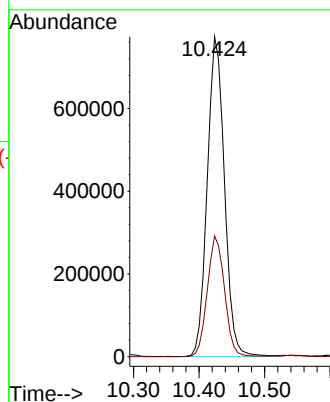
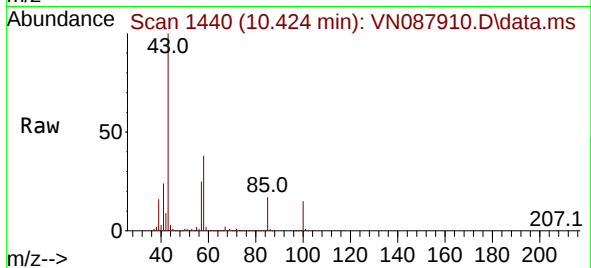




#51
4-Methyl-2-Pentanone
Concen: 250.075 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

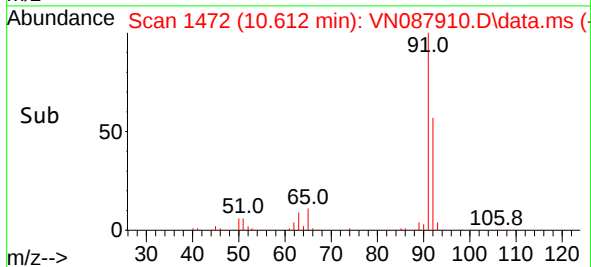
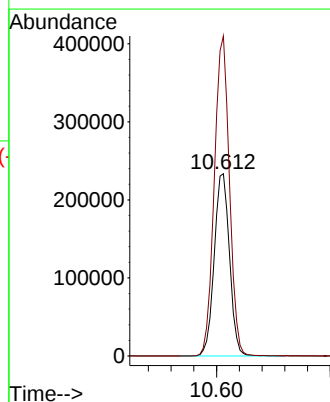
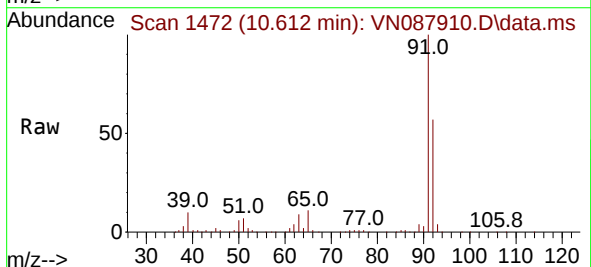
Instrument :
MSVOA_N
ClientSampleId :

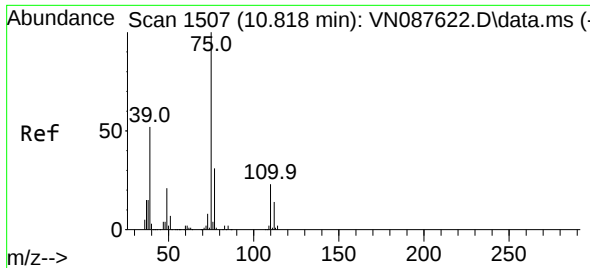
Tgt Ion: 43 Resp: 1412609
Ion Ratio Lower Upper
43 100
58 37.8 29.6 44.4



#52
Toluene
Concen: 52.027 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Tgt Ion: 92 Resp: 434136
Ion Ratio Lower Upper
92 100
91 173.9 140.4 210.6

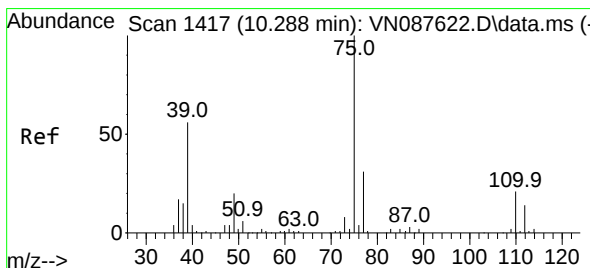
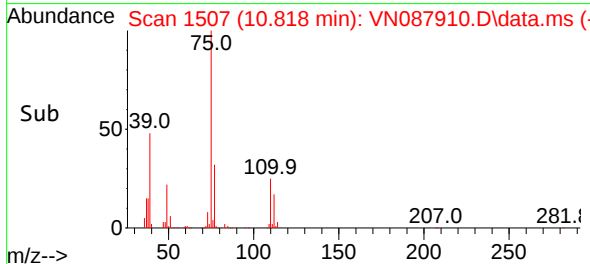
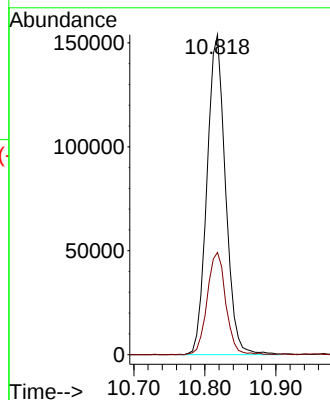
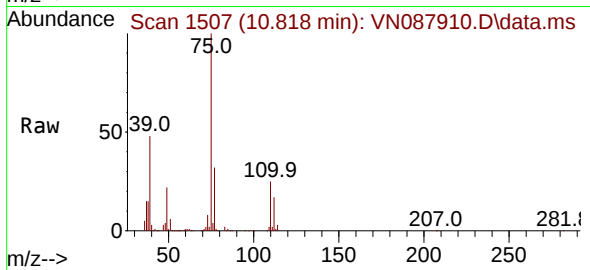




#53
t-1,3-Dichloropropene
Concen: 52.049 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

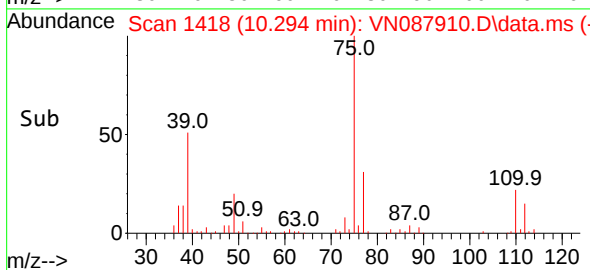
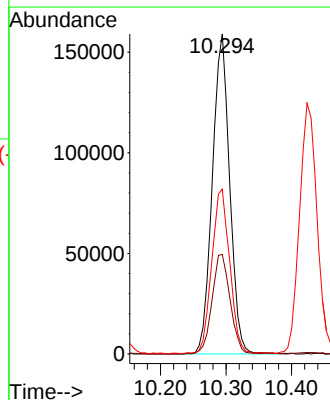
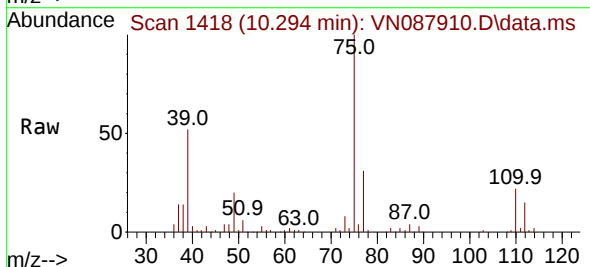
Instrument :
MSVOA_N
ClientSampleId :

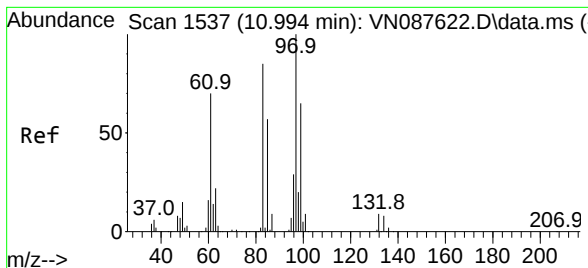
Tgt Ion: 75 Resp: 278776
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 52.453 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

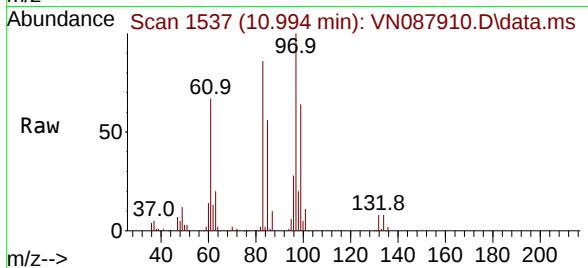
Tgt Ion: 75 Resp: 291705
Ion Ratio Lower Upper
75 100
77 31.1 24.6 37.0
39 51.4 45.2 67.8



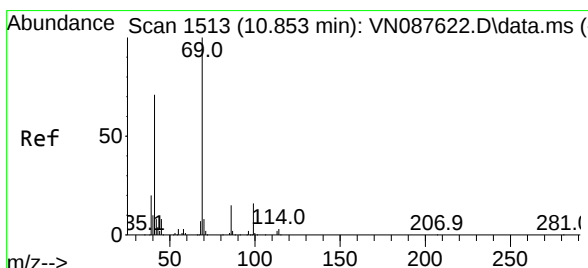
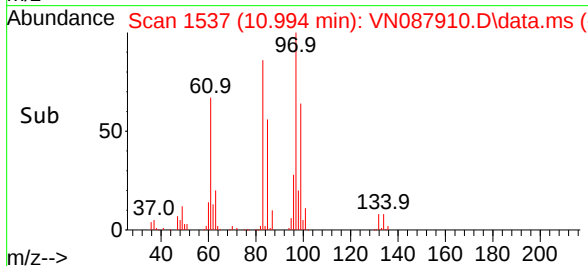
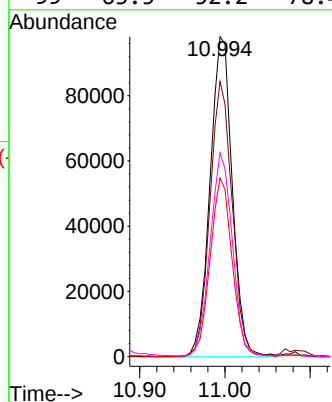


#55
 1,1,2-Trichloroethane
 Concen: 55.280 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN087910.D
 Acq: 19 Sep 2025 14:54

Instrument :
 MSVOA_N
 ClientSampleId :

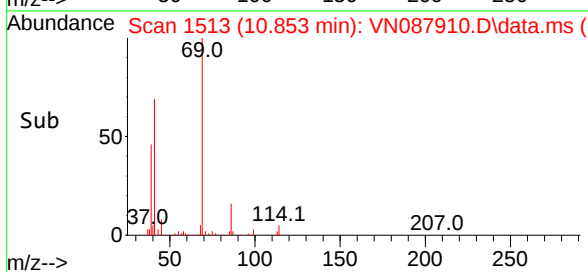
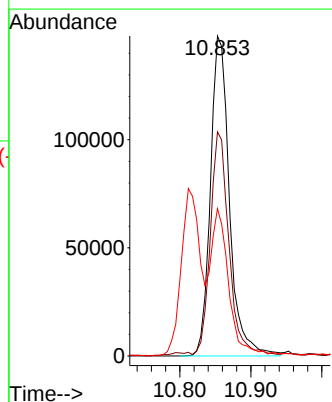
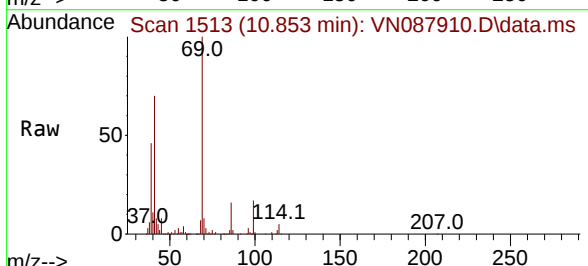


Tgt Ion:	97	Resp:	178443
Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.2	102.4
85	55.6	45.5	68.3
99	63.5	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 53.321 ug/l
 RT: 10.853 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN087910.D
 Acq: 19 Sep 2025 14:54

Tgt Ion:	69	Resp:	275071
Ion	Ratio	Lower	Upper
69	100		
41	67.3	56.5	84.7
39	43.3	34.2	51.4





#57

1,3-Dichloropropane

Concen: 52.173 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

Instrument :

MSVOA_N

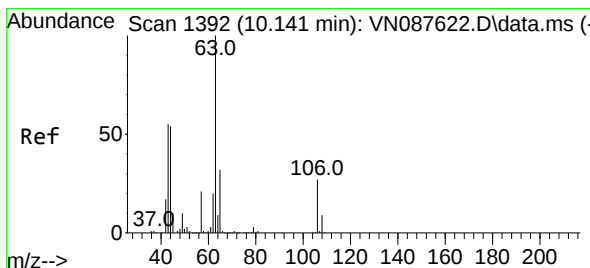
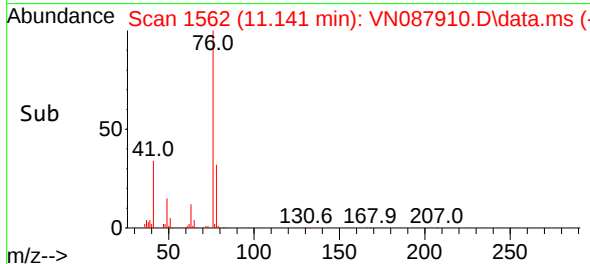
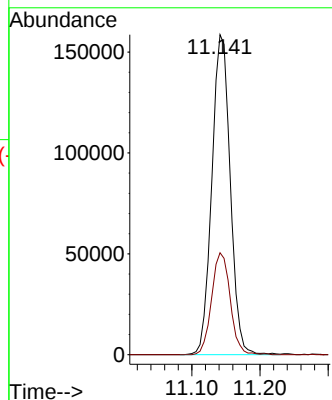
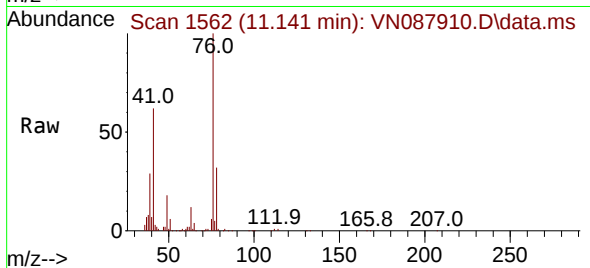
ClientSampleId :

Tgt Ion: 76 Resp: 298055

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 243.906 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087910.D

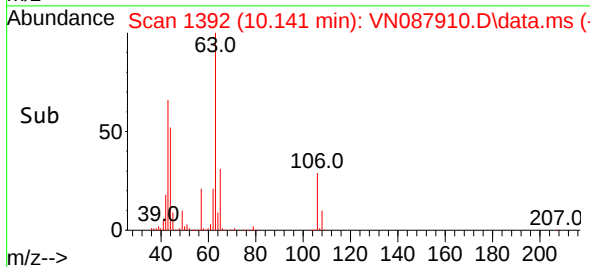
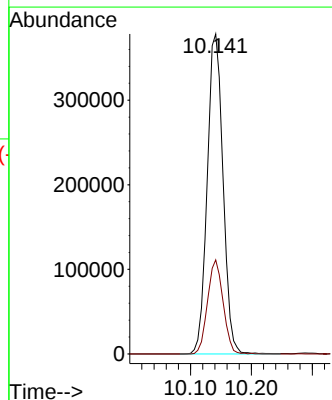
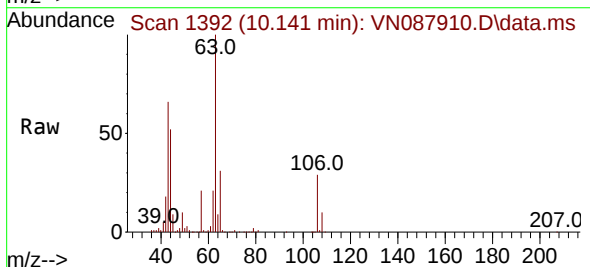
Acq: 19 Sep 2025 14:54

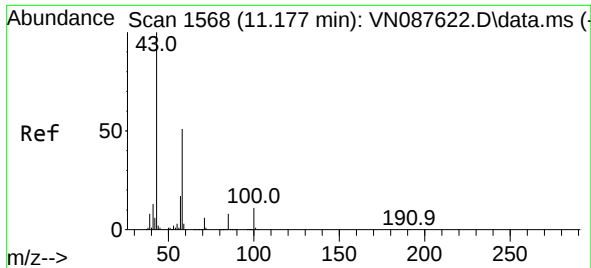
Tgt Ion: 63 Resp: 681028

Ion Ratio Lower Upper

63 100

106 28.9 21.1 31.7

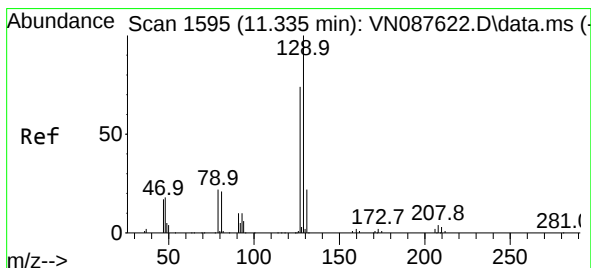
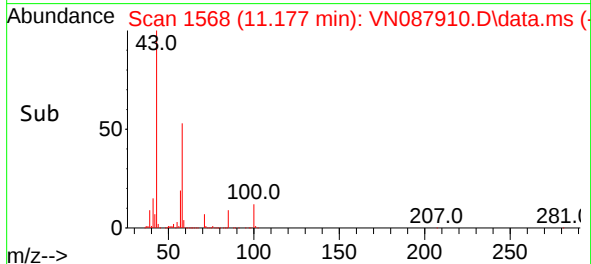
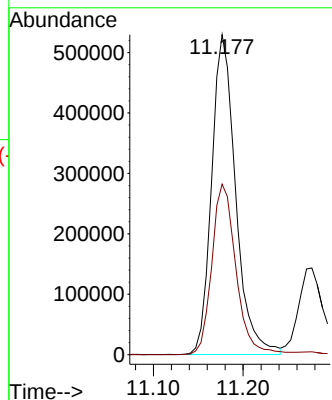
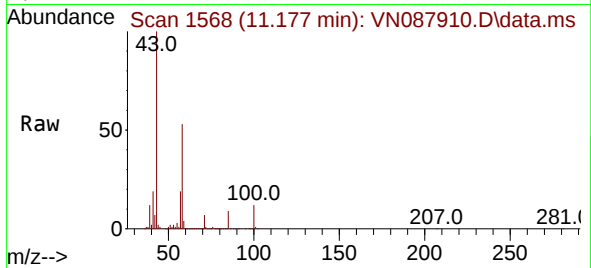




#59
2-Hexanone
Concen: 276.039 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

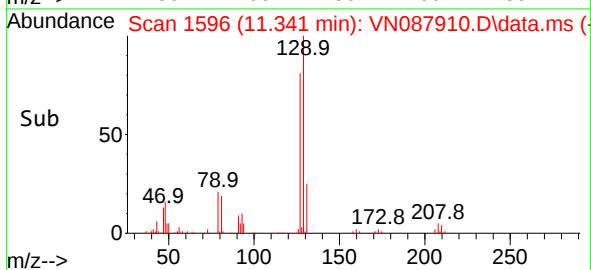
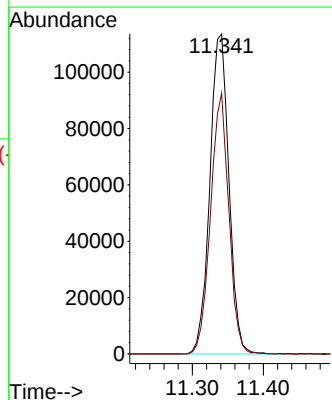
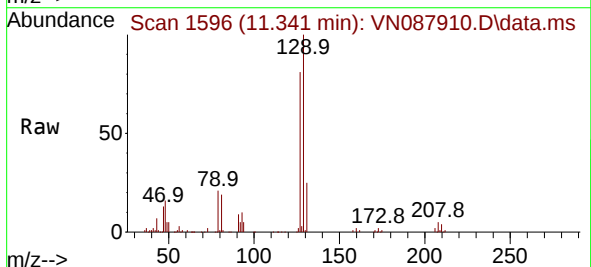
Instrument :
MSVOA_N
ClientSampleId :

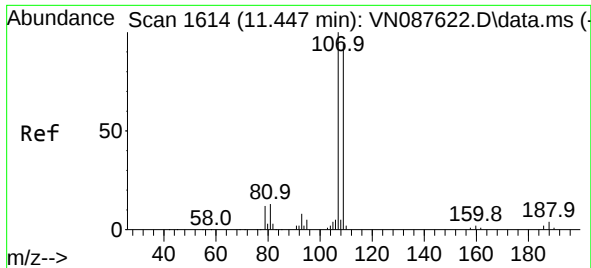
Tgt Ion: 43 Resp: 985457
Ion Ratio Lower Upper
43 100
58 53.7 25.9 77.8



#60
Dibromochloromethane
Concen: 56.538 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Tgt Ion:129 Resp: 211465
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.3

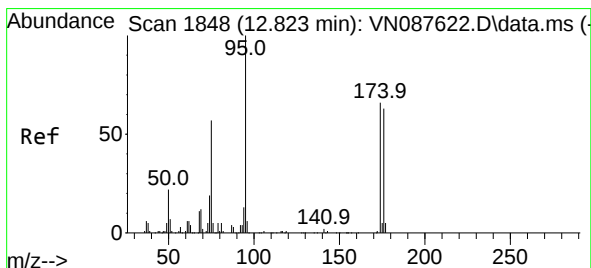
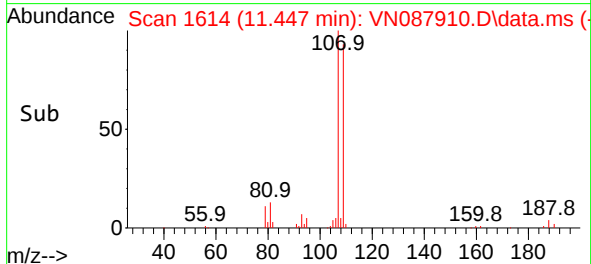
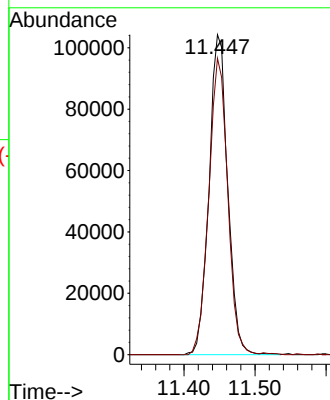
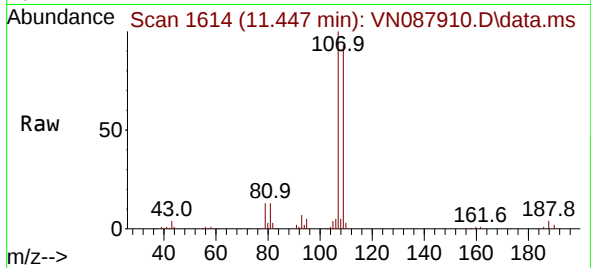




#61
1,2-Dibromoethane
Concen: 55.963 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

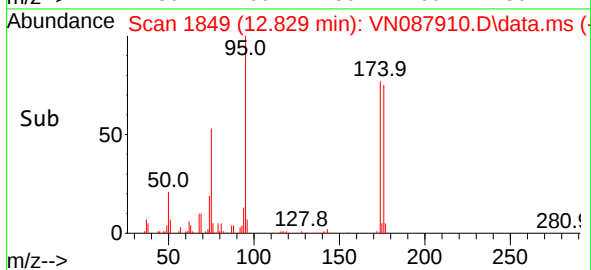
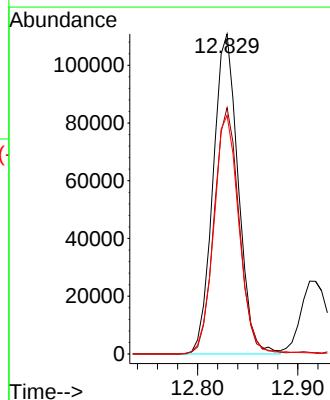
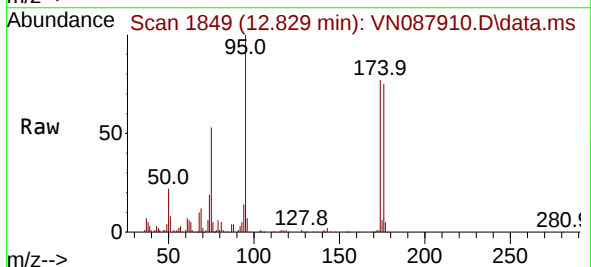
Instrument :
MSVOA_N
ClientSampleId :

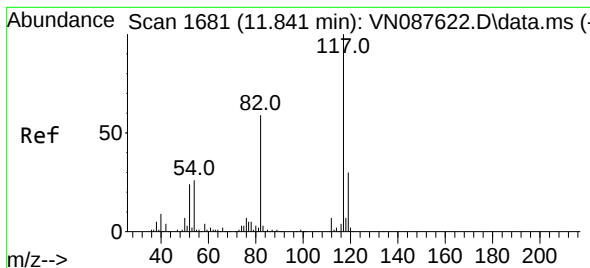
Tgt Ion:107 Resp: 190483
Ion Ratio Lower Upper
107 100
109 93.9 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 50.665 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Tgt Ion: 95 Resp: 192912
Ion Ratio Lower Upper
95 100
174 76.5 0.0 138.4
176 75.4 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

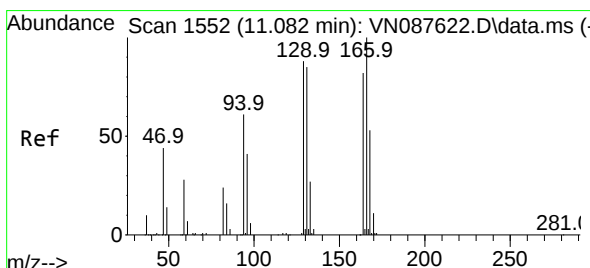
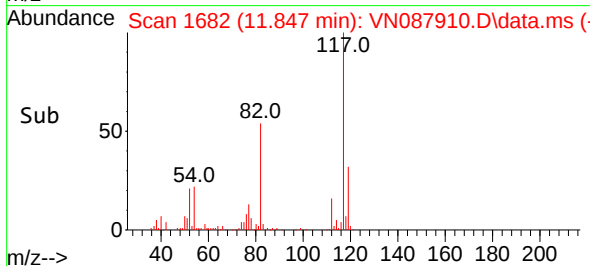
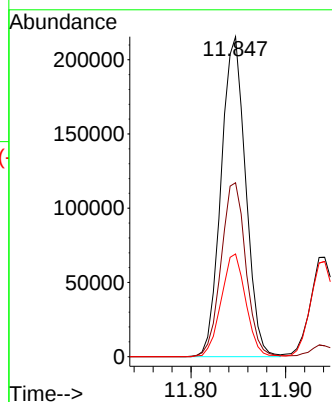
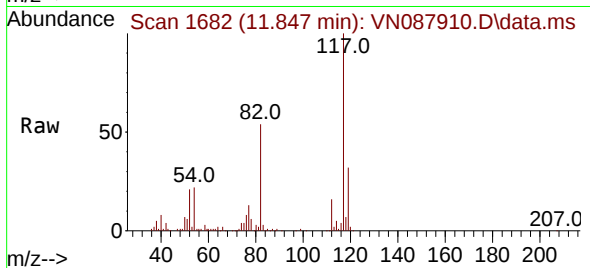
Tgt Ion:117 Resp: 387725

Ion Ratio Lower Upper

117 100

82 54.4 47.4 71.2

119 32.1 24.3 36.5



#64

Tetrachloroethene

Concen: 51.382 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. 0.000 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

Tgt Ion:164 Resp: 138218

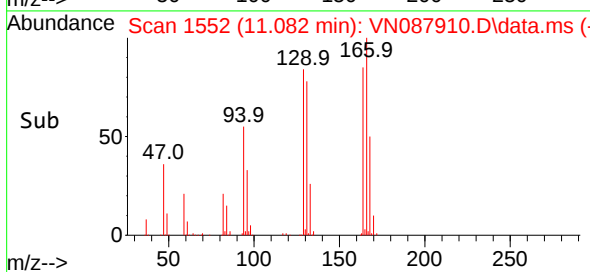
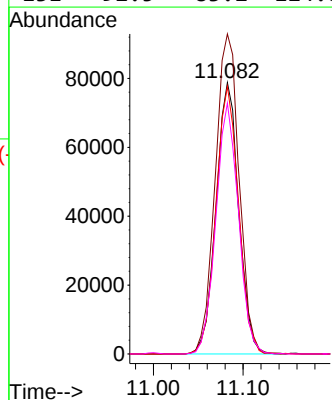
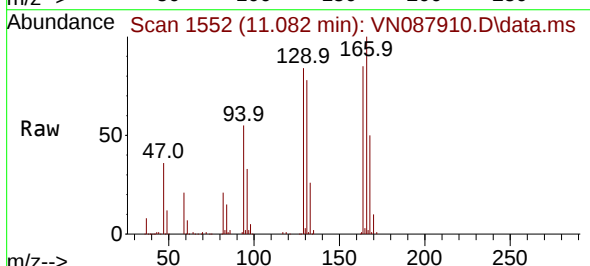
Ion Ratio Lower Upper

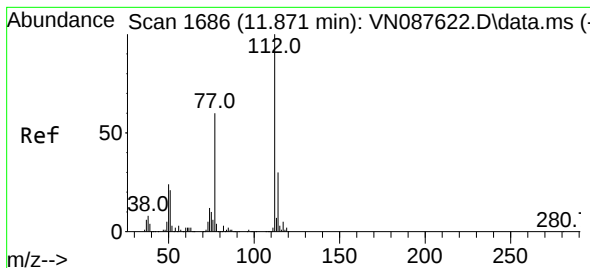
164 100

166 118.0 97.7 146.5

129 98.6 85.9 128.9

131 92.5 83.2 124.8





#65

Chlorobenzene

Concen: 50.901 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

Instrument :

MSVOA_N

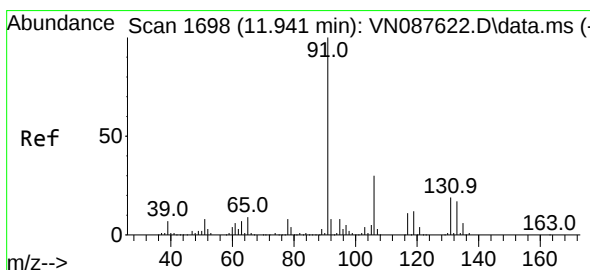
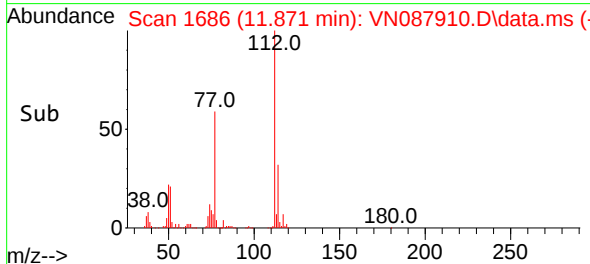
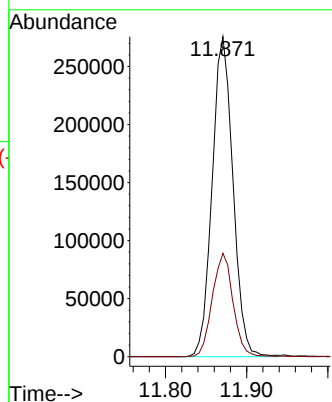
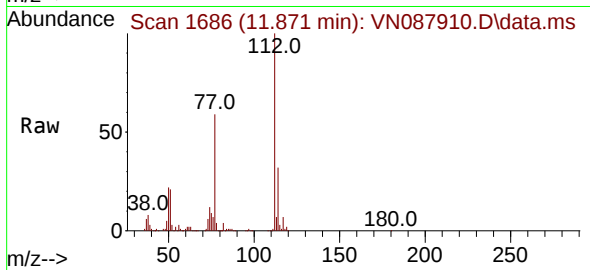
ClientSampleId :

Tgt Ion:112 Resp: 490986

Ion Ratio Lower Upper

112 100

114 32.3 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 55.948 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

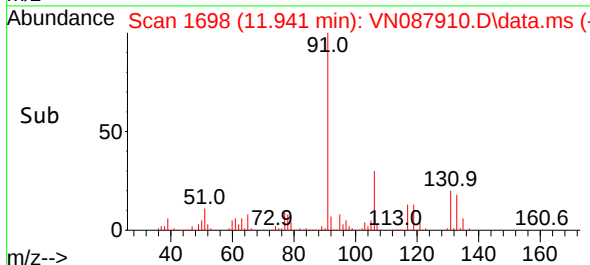
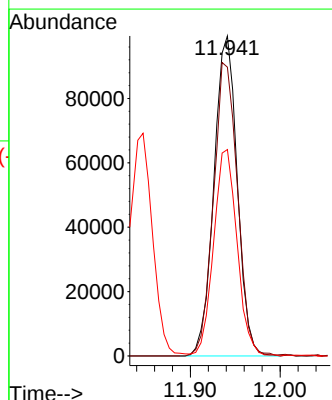
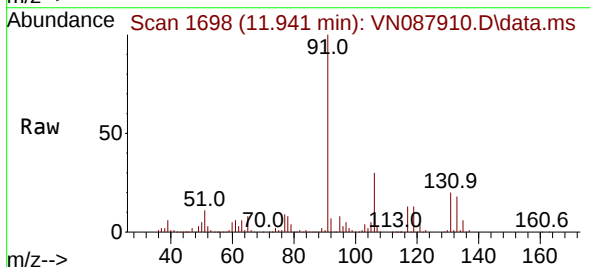
Tgt Ion:131 Resp: 179163

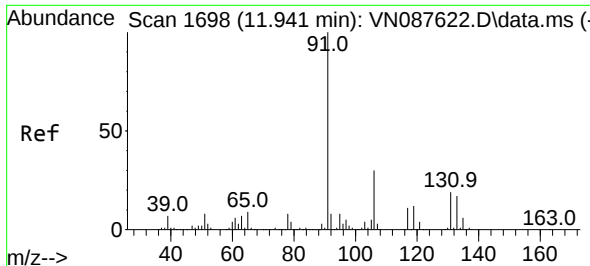
Ion Ratio Lower Upper

131 100

133 94.6 48.0 144.0

119 65.0 32.6 97.7

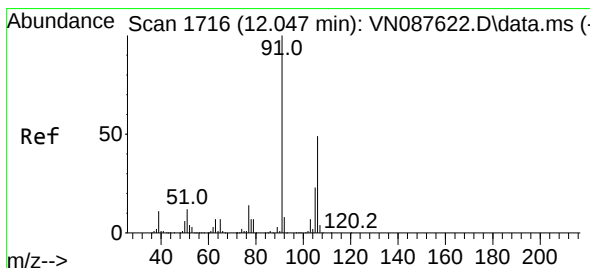
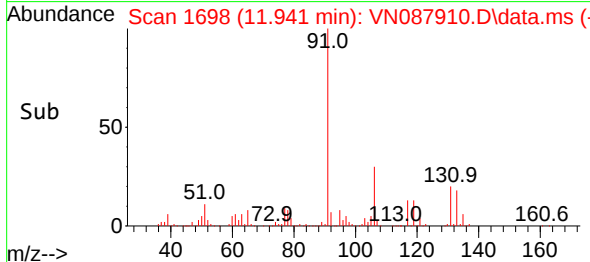
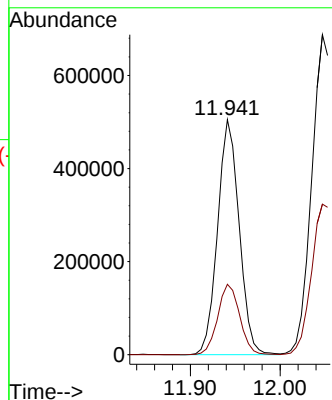
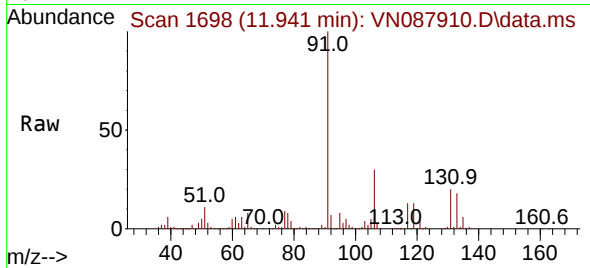




#67
Ethyl Benzene
Concen: 50.479 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

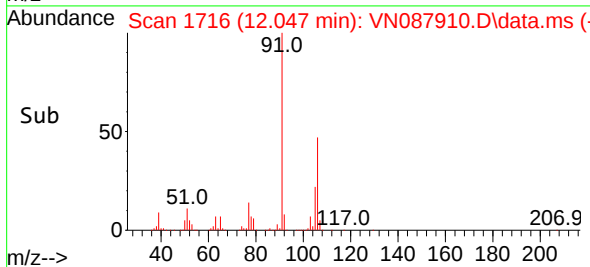
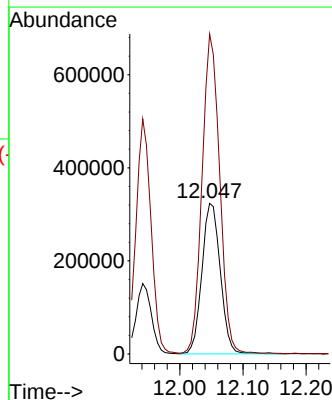
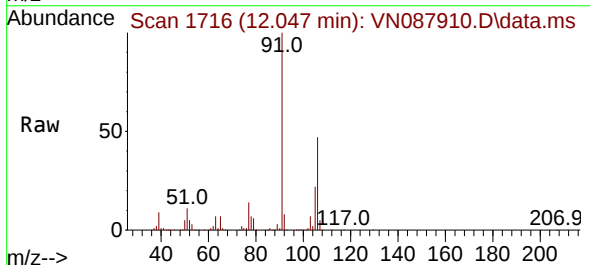
Instrument :
MSVOA_N
ClientSampleId :

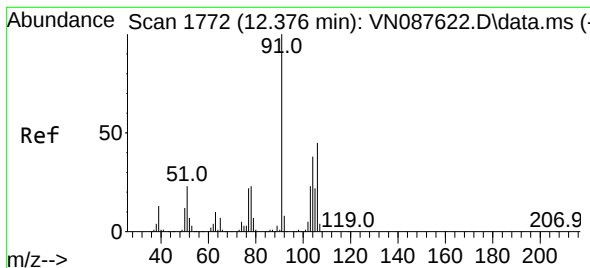
Tgt Ion: 91 Resp: 843059
Ion Ratio Lower Upper
91 100
106 29.9 24.1 36.1



#68
m/p-Xylenes
Concen: 106.497 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Tgt Ion:106 Resp: 652303
Ion Ratio Lower Upper
106 100
91 203.0 169.3 253.9

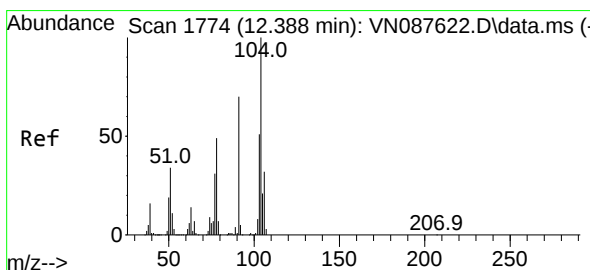
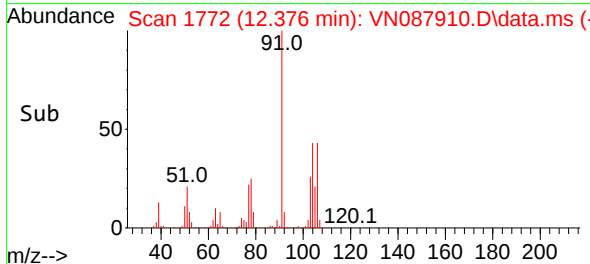
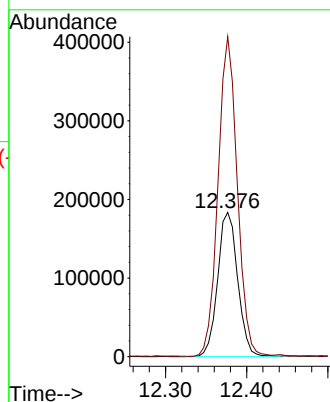
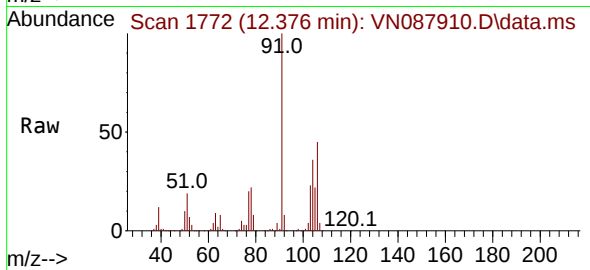




#69
o-Xylene
Concen: 52.498 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

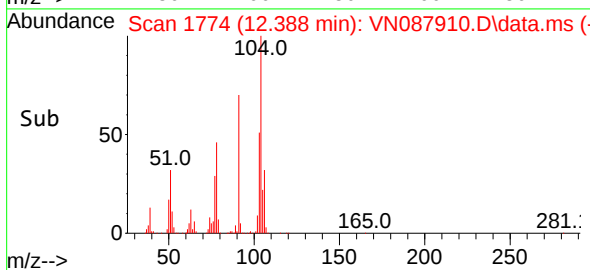
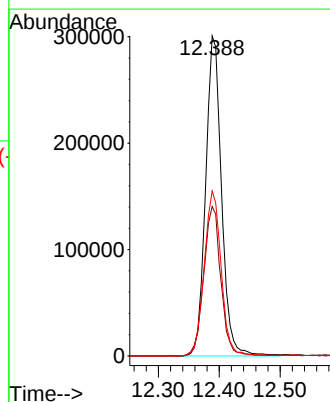
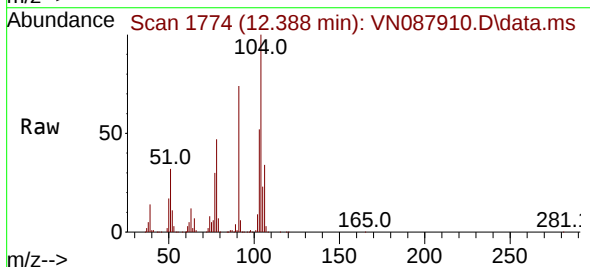
Instrument :
MSVOA_N
ClientSampleId :

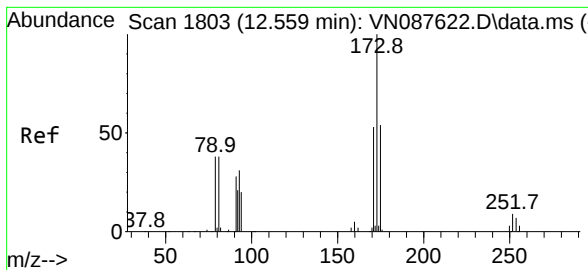
Tgt Ion:106 Resp: 315121
Ion Ratio Lower Upper
106 100
91 214.1 111.4 334.2



#70
Styrene
Concen: 54.305 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Tgt Ion:104 Resp: 546105
Ion Ratio Lower Upper
104 100
78 50.1 42.2 63.2
103 55.0 43.4 65.2

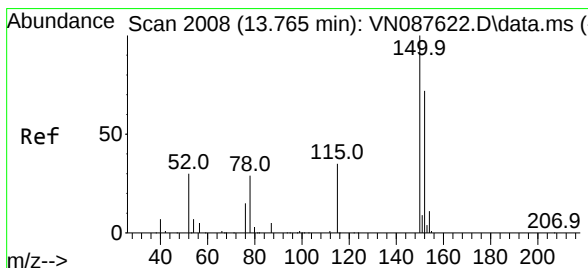
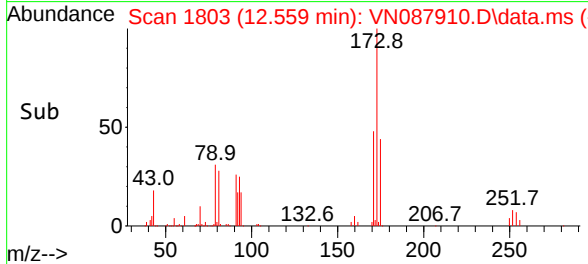
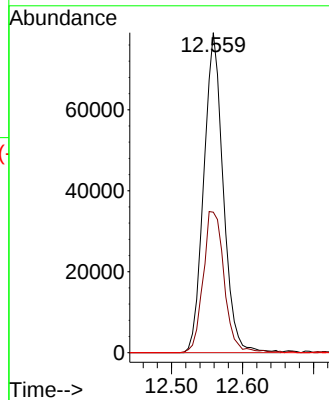
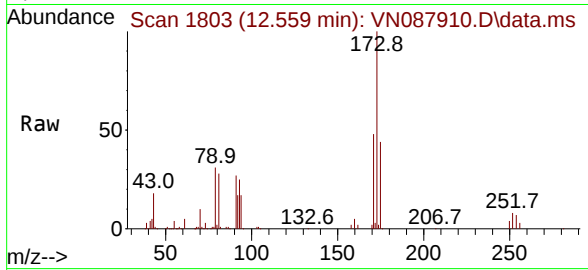




#71
Bromoform
Concen: 61.198 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

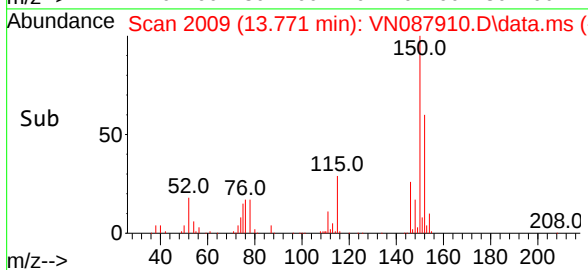
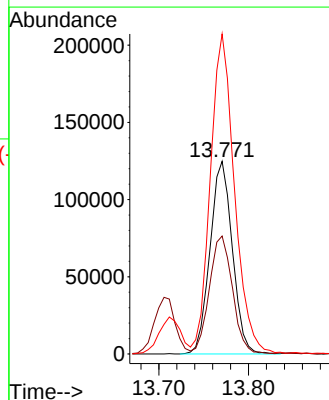
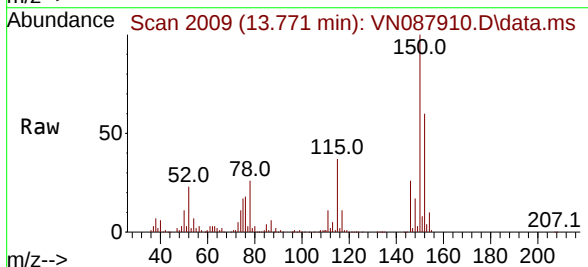
Instrument :
MSVOA_N
ClientSampleId :

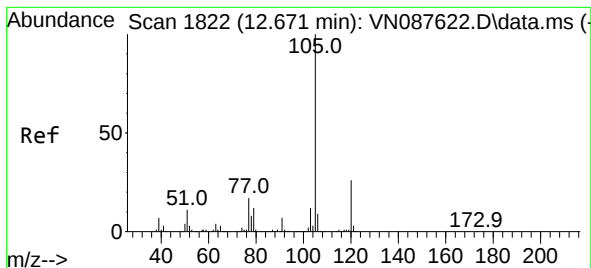
Tgt Ion:173 Resp: 150300
Ion Ratio Lower Upper
173 100
175 48.0 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Tgt Ion:152 Resp: 215890
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 177.8 0.0 351.0





#73

Isopropylbenzene

Concen: 45.560 ug/l

RT: 12.676 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

Instrument :

MSVOA_N

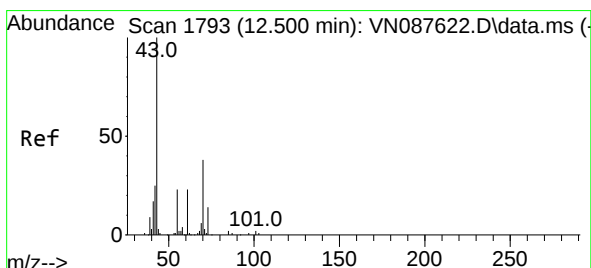
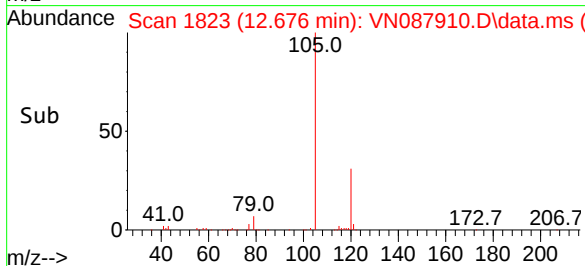
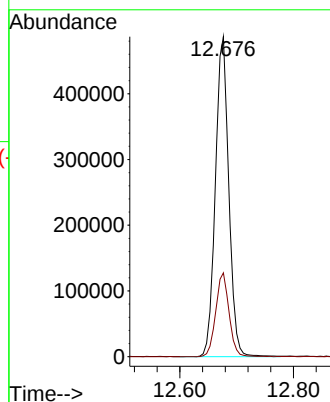
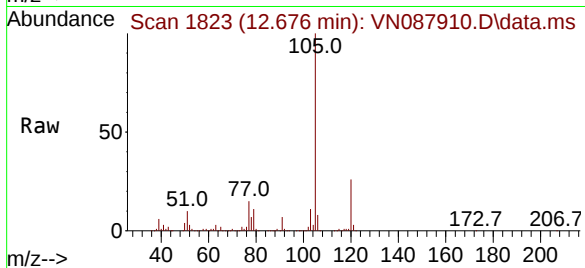
ClientSampleId :

Tgt Ion:105 Resp: 794814

Ion Ratio Lower Upper

105 100

120 26.0 12.8 38.3



#74

N-ethyl acetate

Concen: 23.144 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

Tgt Ion: 43 Resp: 153011

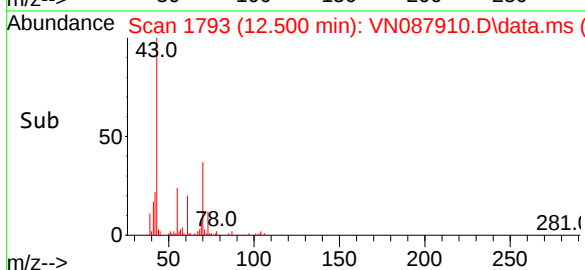
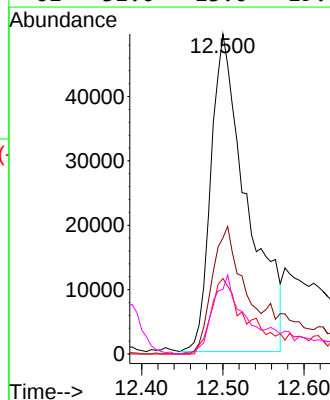
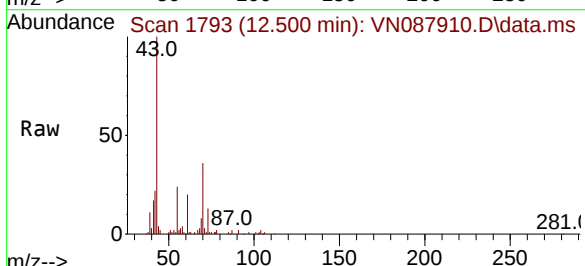
Ion Ratio Lower Upper

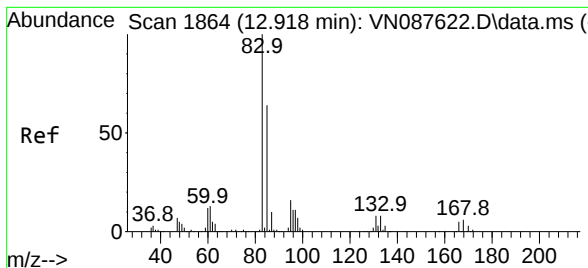
43 100

70 35.2 27.6 41.4

55 24.2 13.0 19.6#

61 31.0 13.0 19.6#

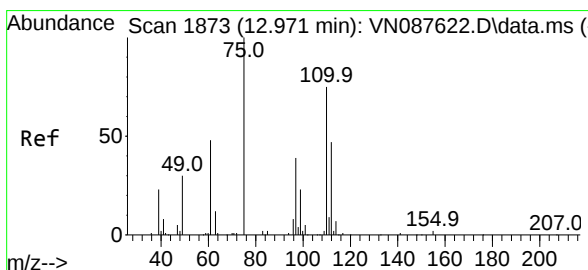
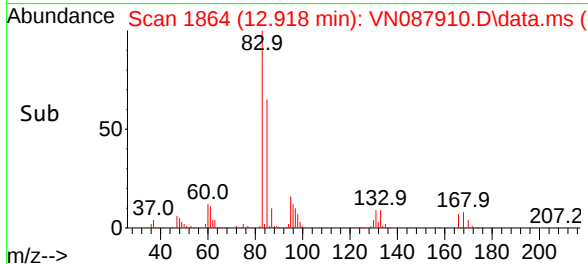
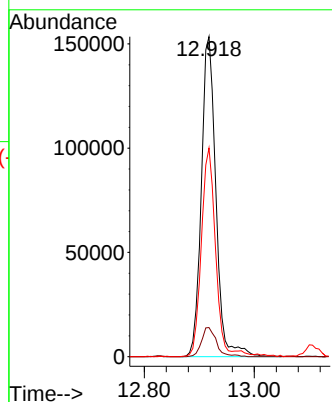
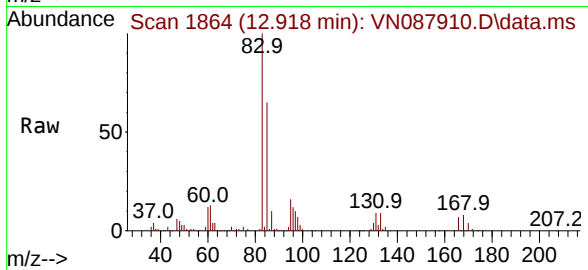




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.006 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087910.D
 Acq: 19 Sep 2025 14:54

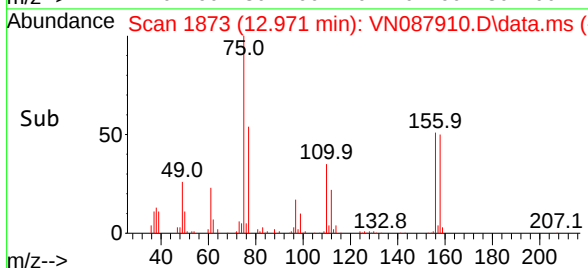
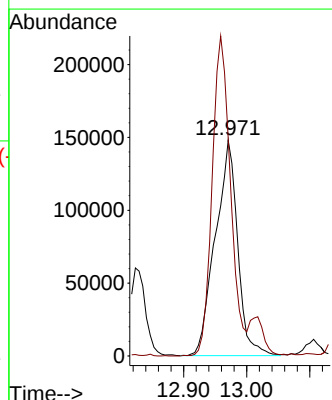
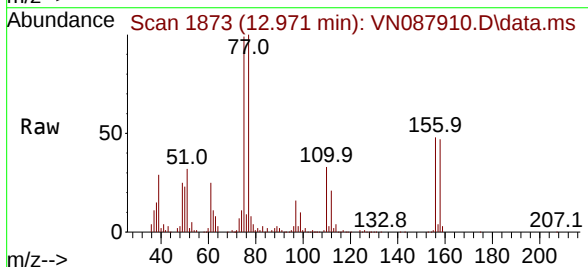
Instrument :
 MSVOA_N
 ClientSampleId :

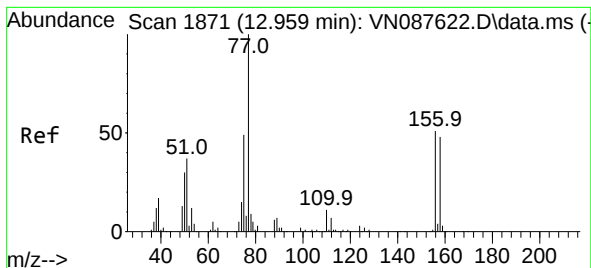
Tgt Ion: 83 Resp: 282329
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.8 14.4
 85 62.3 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 71.703 ug/l
 RT: 12.971 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN087910.D
 Acq: 19 Sep 2025 14:54

Tgt Ion: 75 Resp: 363011
 Ion Ratio Lower Upper
 75 100
 77 122.4 89.1 267.4





#77

Bromobenzene

Concen: 49.935 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

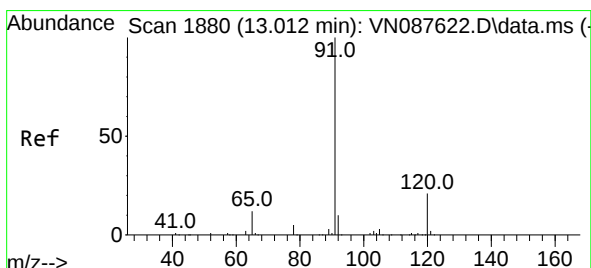
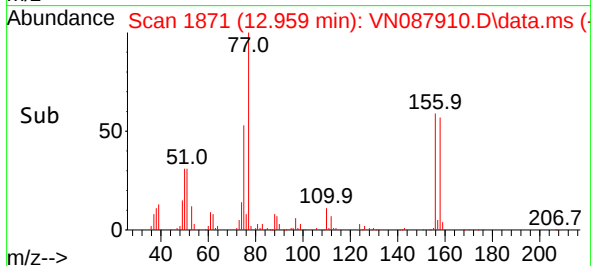
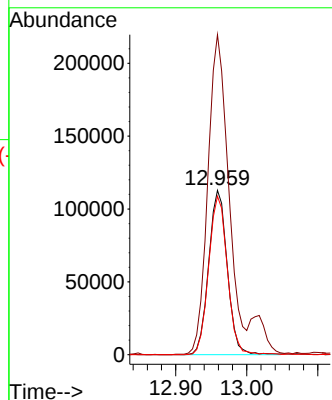
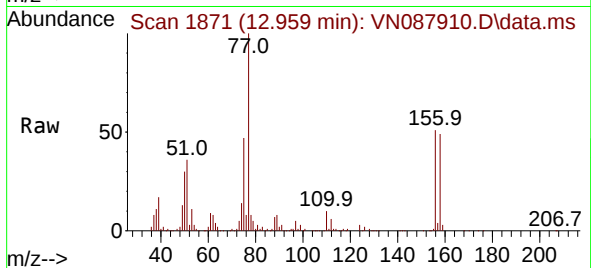
Tgt Ion:156 Resp: 205399

Ion Ratio Lower Upper

156 100

77 216.2 119.3 358.0

158 97.1 48.2 144.6



#78

n-propylbenzene

Concen: 46.171 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN087910.D

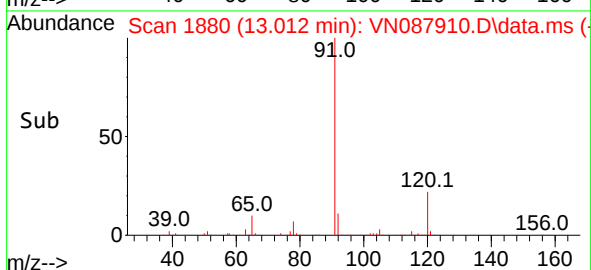
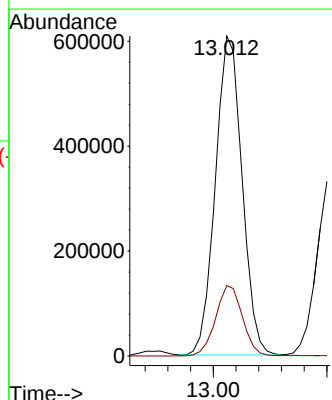
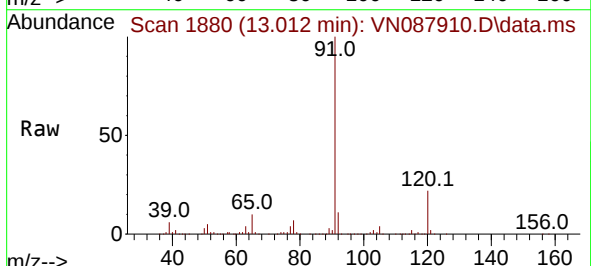
Acq: 19 Sep 2025 14:54

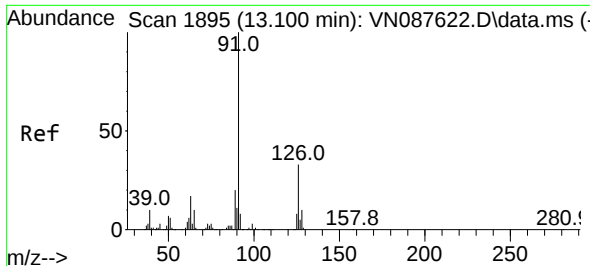
Tgt Ion: 91 Resp: 992128

Ion Ratio Lower Upper

91 100

120 22.2 10.7 32.1

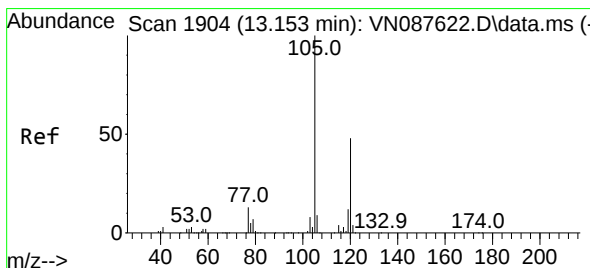
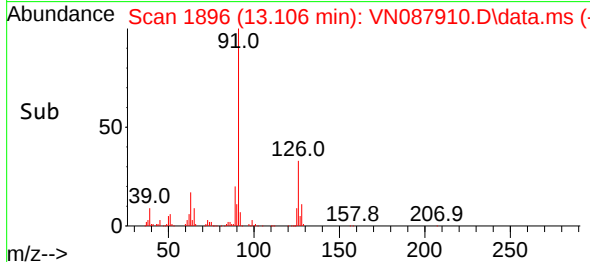
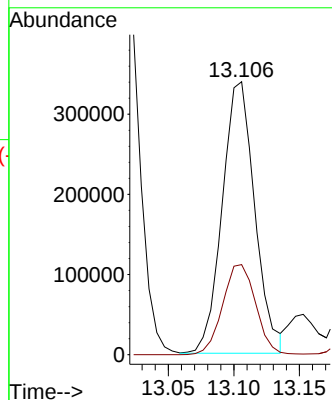
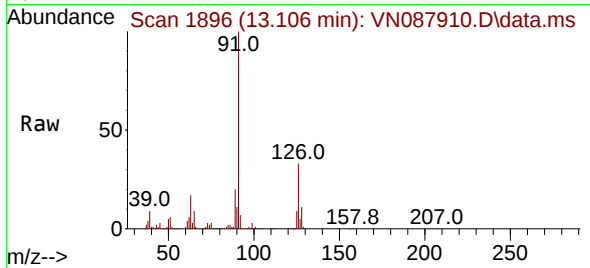




#79
2-Chlorotoluene
Concen: 45.285 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

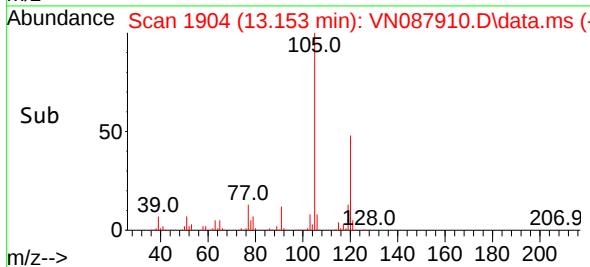
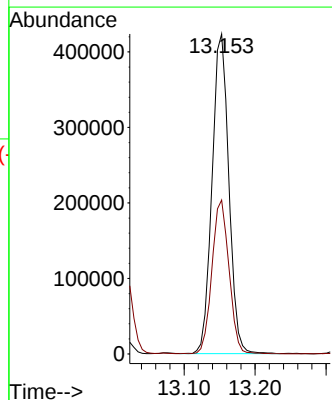
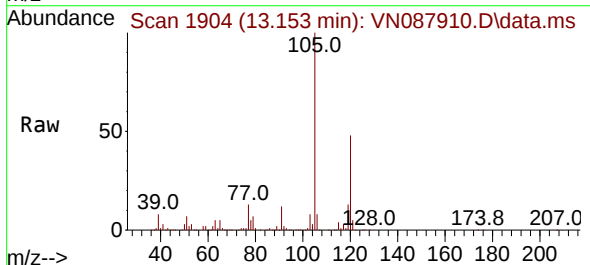
Instrument :
MSVOA_N
ClientSampleId :

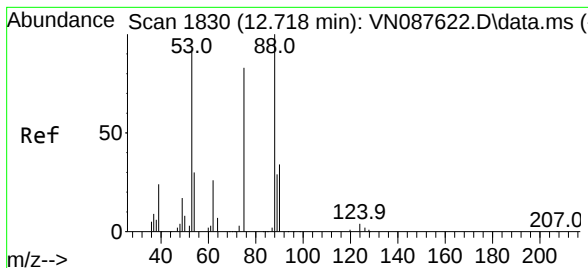
Tgt Ion: 91 Resp: 585590
Ion Ratio Lower Upper
91 100
126 33.8 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 46.853 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Tgt Ion: 105 Resp: 693386
Ion Ratio Lower Upper
105 100
120 48.9 23.2 69.6

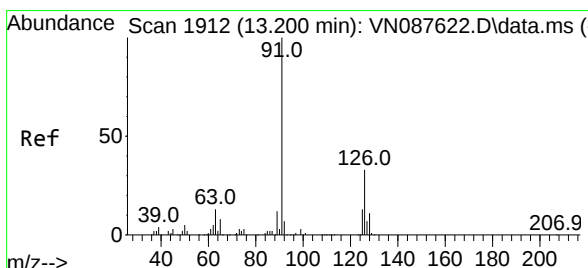
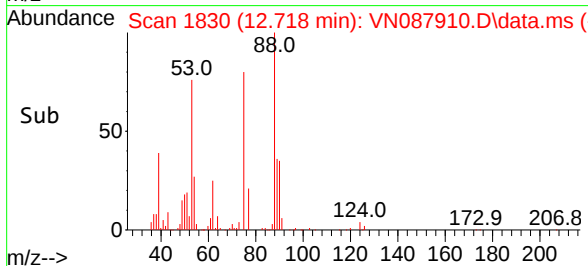
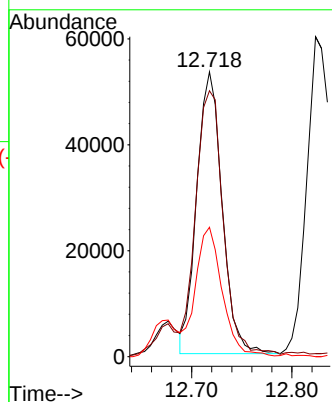
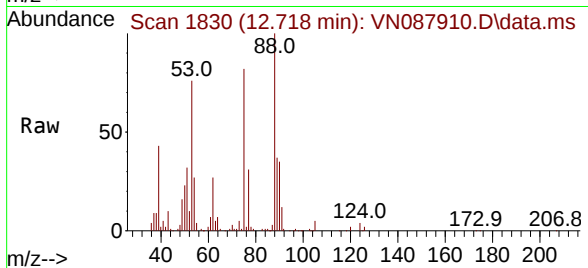




#81
trans-1,4-Dichloro-2-butene
Concen: 49.082 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

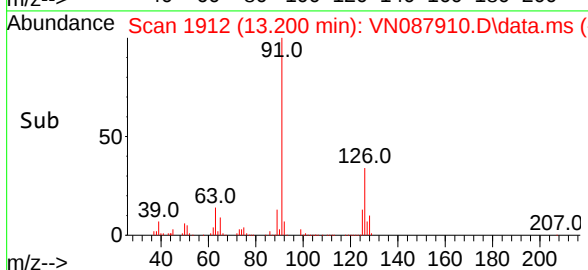
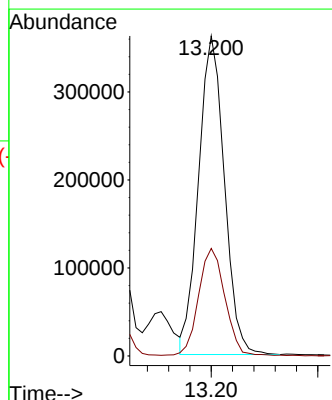
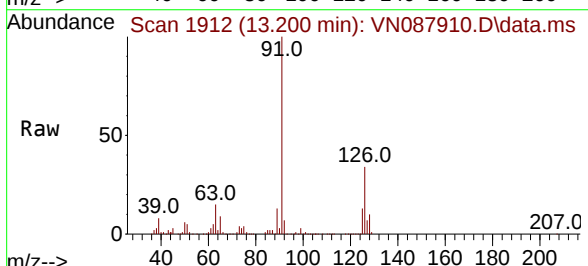
Instrument :
MSVOA_N
ClientSampleId :

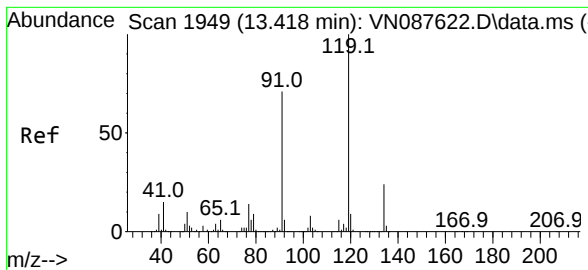
Tgt Ion: 75 Resp: 93862
Ion Ratio Lower Upper
75 100
53 100.6 101.8 152.6#
89 47.9 35.6 53.4



#82
4-Chlorotoluene
Concen: 44.769 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Tgt Ion: 91 Resp: 608682
Ion Ratio Lower Upper
91 100
126 34.8 15.6 46.8

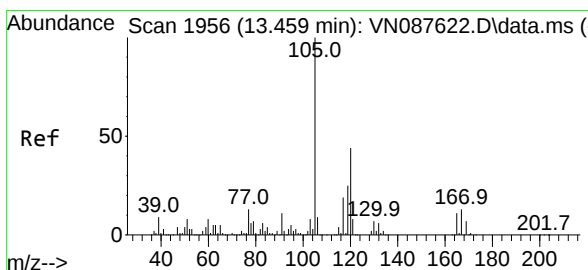
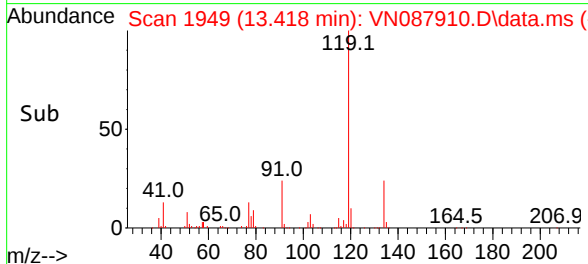
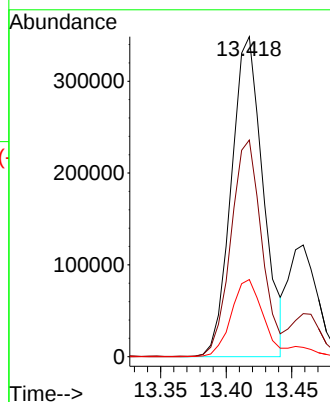
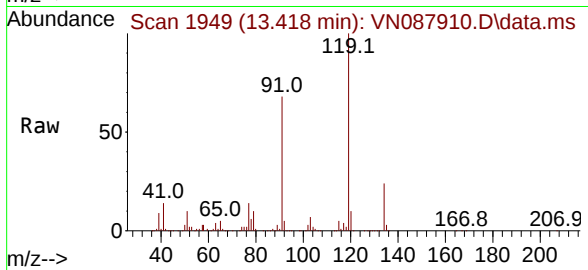




#83
 tert-Butylbenzene
 Concen: 47.744 ug/l
 RT: 13.418 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VN087910.D
 Acq: 19 Sep 2025 14:54

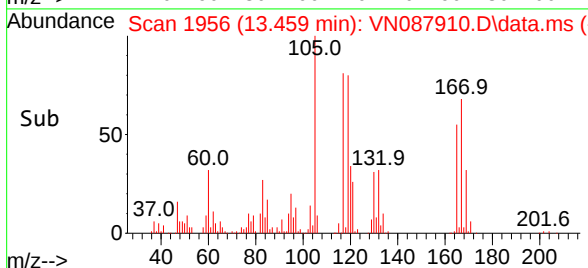
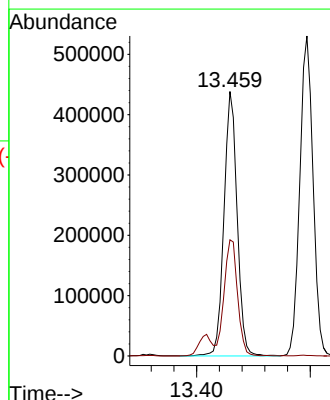
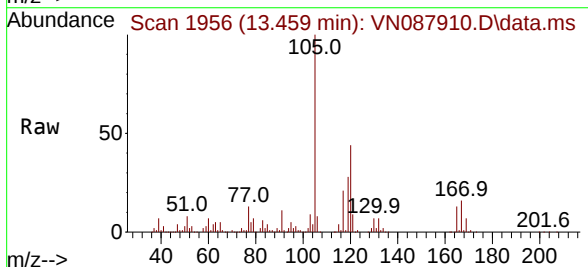
Instrument :
 MSVOA_N
 ClientSampleId :

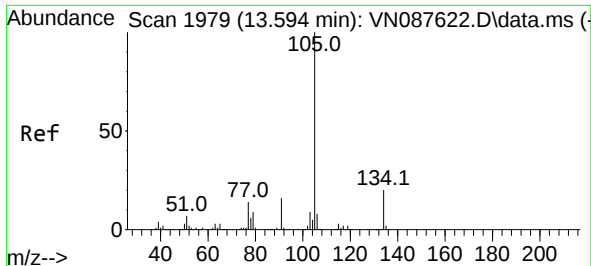
Tgt Ion:119 Resp: 588803
 Ion Ratio Lower Upper
 119 100
 91 65.6 35.0 105.0
 134 24.3 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 47.846 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN087910.D
 Acq: 19 Sep 2025 14:54

Tgt Ion:105 Resp: 708833
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.0 66.0

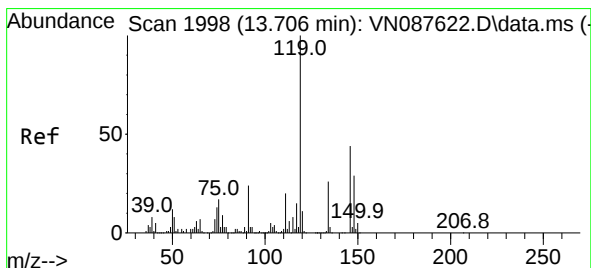
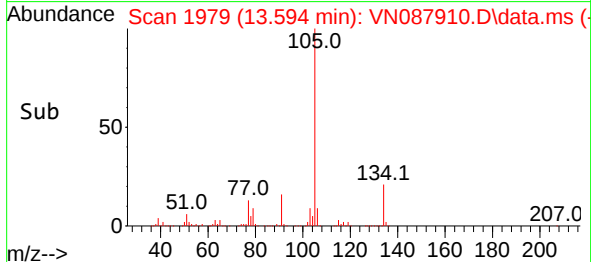
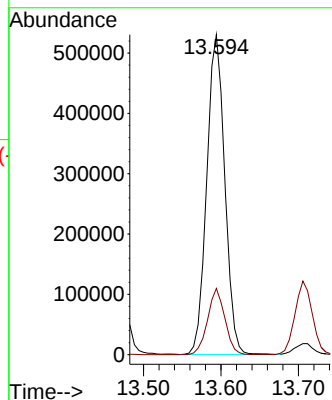
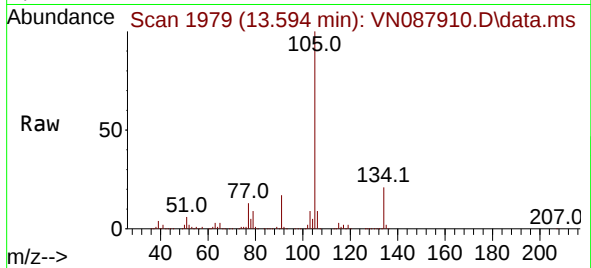




#85
sec-Butylbenzene
Concen: 46.765 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

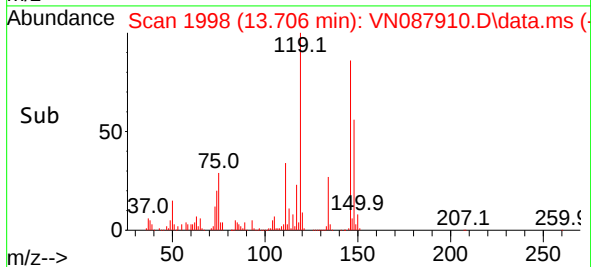
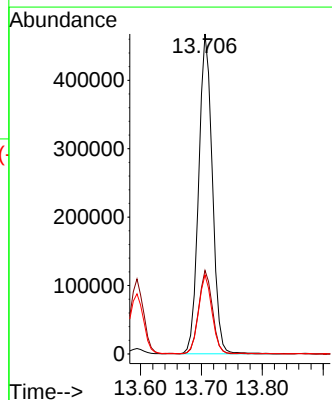
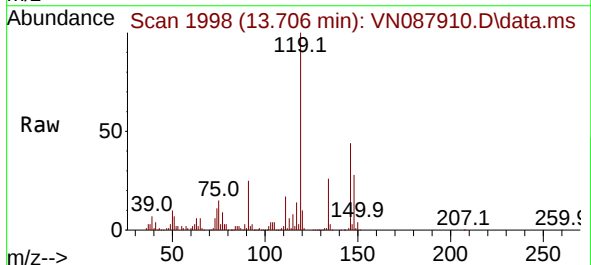
Instrument :
MSVOA_N
ClientSampleId :

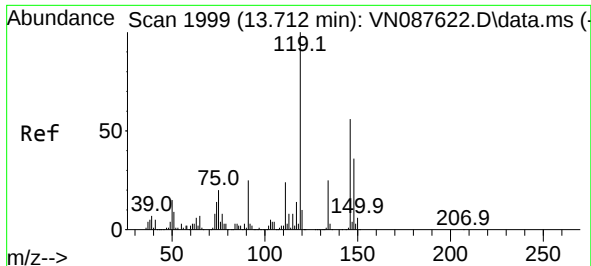
Tgt Ion:105 Resp: 855856
Ion Ratio Lower Upper
105 100
134 19.8 9.6 28.6



#86
p-Isopropyltoluene
Concen: 48.112 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Tgt Ion:119 Resp: 727070
Ion Ratio Lower Upper
119 100
134 26.1 12.7 38.0
91 24.2 12.5 37.5

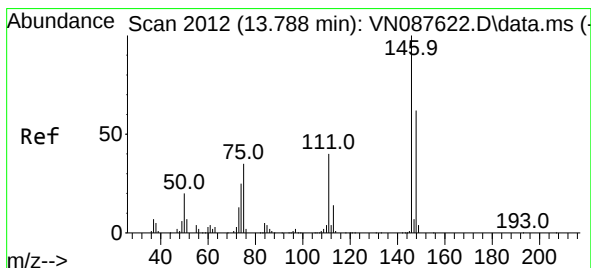
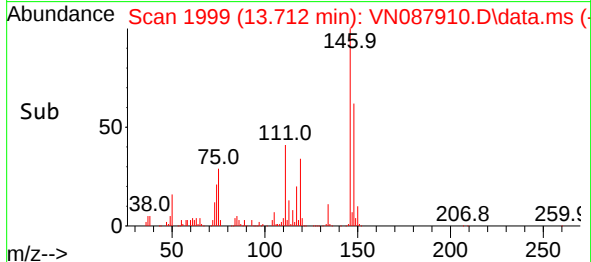
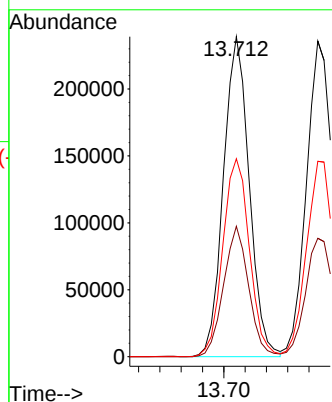
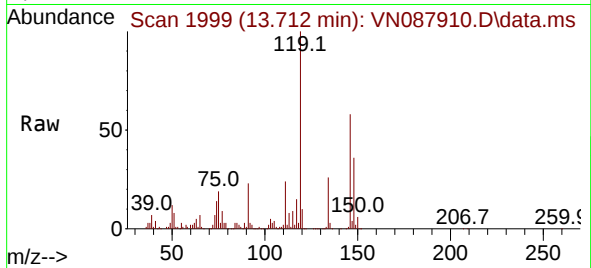




#87
 1,3-Dichlorobenzene
 Concen: 49.614 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087910.D
 Acq: 19 Sep 2025 14:54

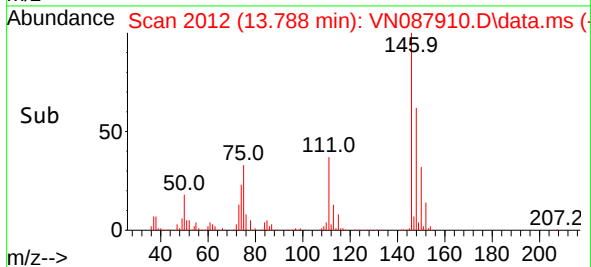
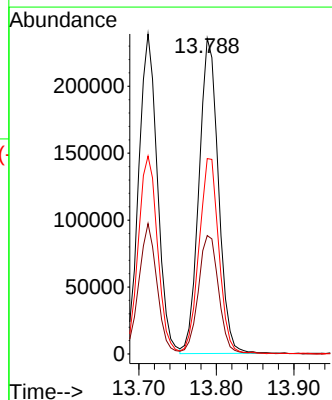
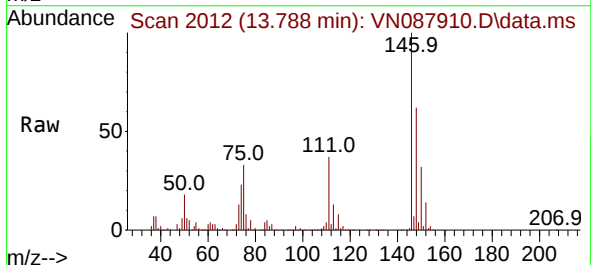
Instrument :
 MSVOA_N
 ClientSampleId :

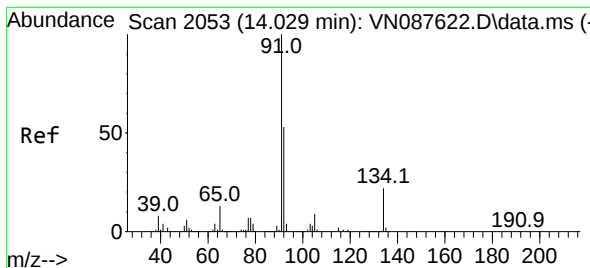
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	22.1	66.5
148	63.9	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 48.511 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087910.D
 Acq: 19 Sep 2025 14:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	21.0	63.0
148	63.4	32.0	96.0





#89

n-Butylbenzene

Concen: 44.958 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

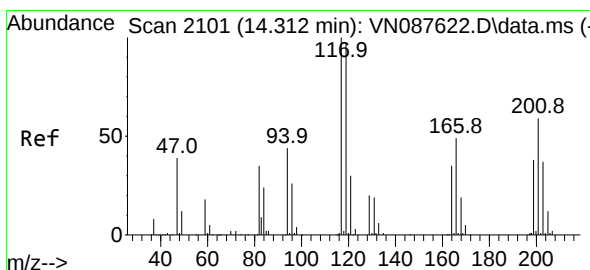
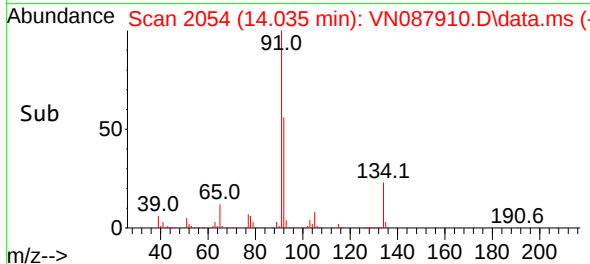
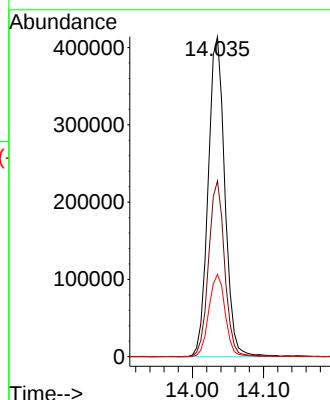
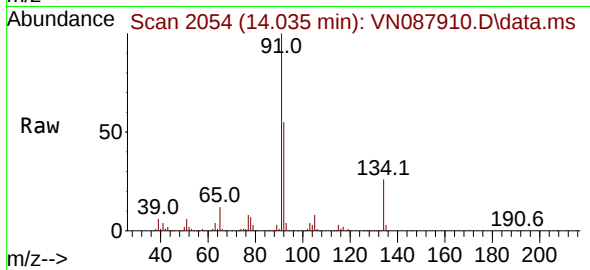
Tgt Ion: 91 Resp: 674771

Ion Ratio Lower Upper

91 100

92 52.9 25.9 77.8

134 25.2 11.7 35.0



#90

Hexachloroethane

Concen: 49.370 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN087910.D

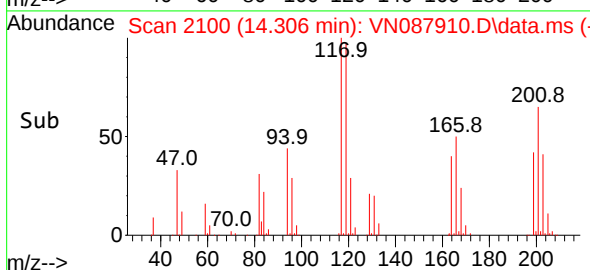
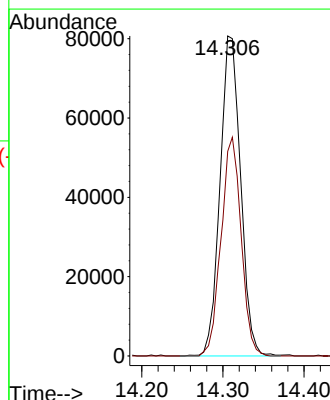
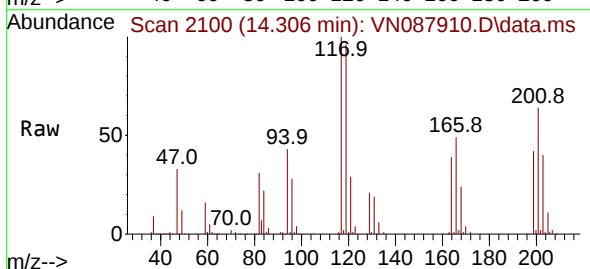
Acq: 19 Sep 2025 14:54

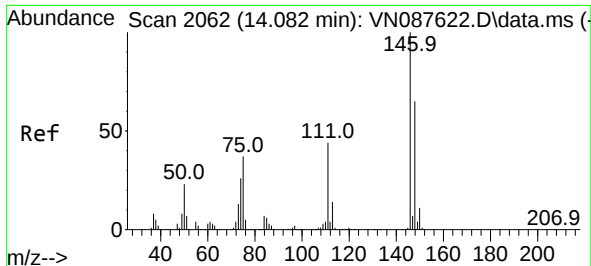
Tgt Ion: 117 Resp: 142143

Ion Ratio Lower Upper

117 100

201 66.6 29.1 87.4

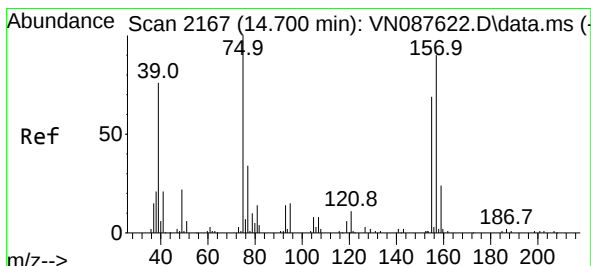
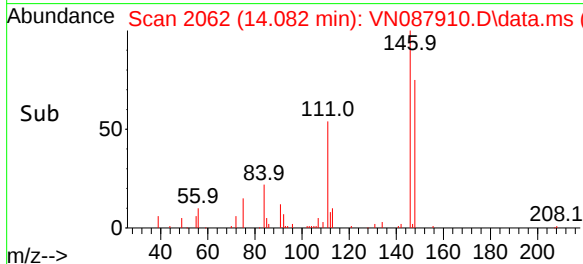
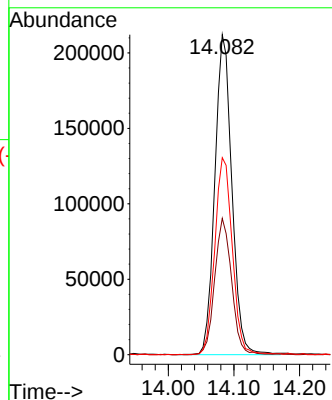
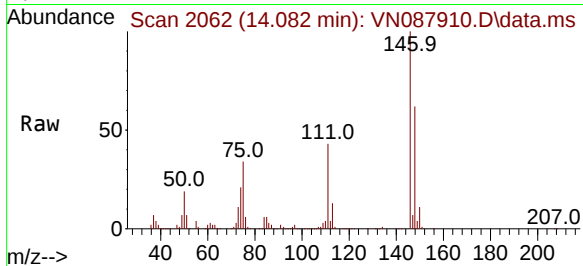




#91
1,2-Dichlorobenzene
Concen: 49.811 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

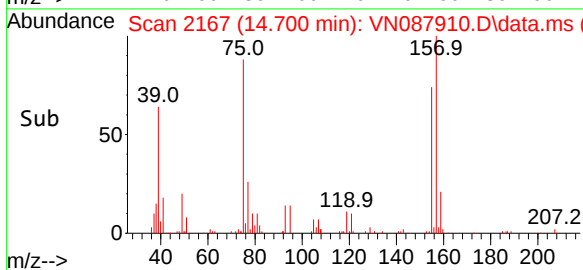
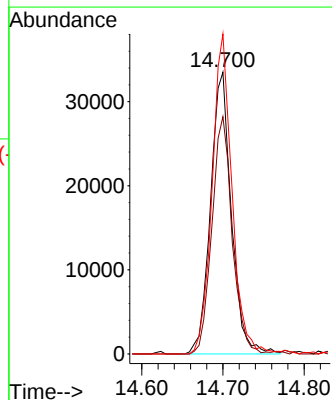
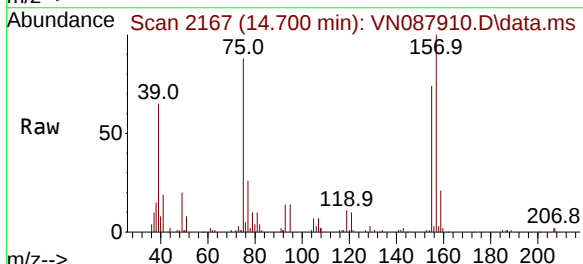
Instrument :
MSVOA_N
ClientSampleId :

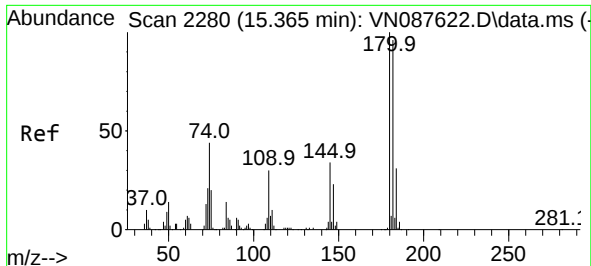
Tgt Ion:	146	Resp:	382790
Ion	Ratio	Lower	Upper
146	100		
111	42.3	22.6	67.8
148	63.4	31.9	95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.886 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

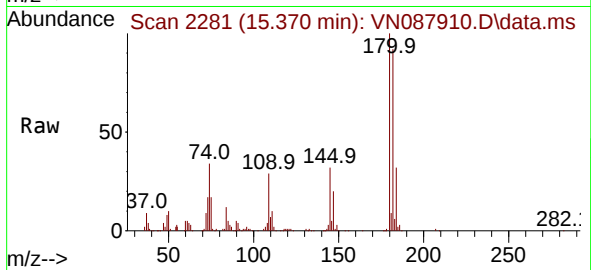
Tgt Ion:	75	Resp:	59762
Ion	Ratio	Lower	Upper
75	100		
155	81.8	36.6	109.9
157	108.1	45.6	136.9



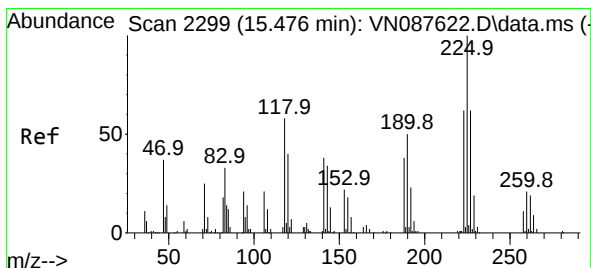
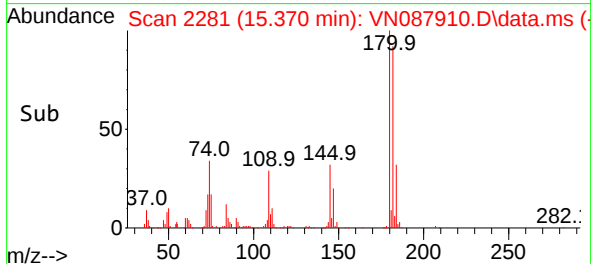
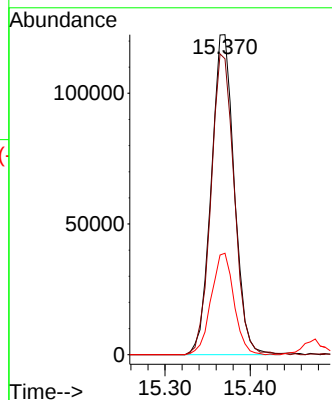


#93
1,2,4-Trichlorobenzene
Concen: 49.752 ug/l
RT: 15.370 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :

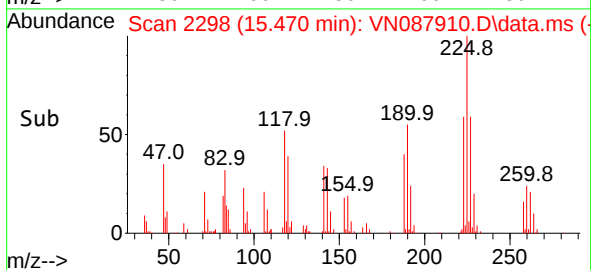
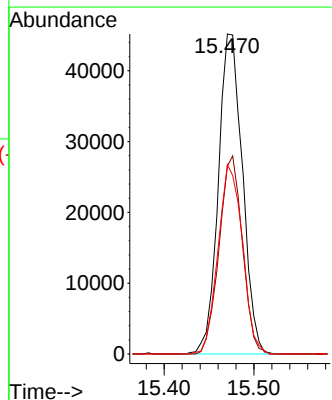
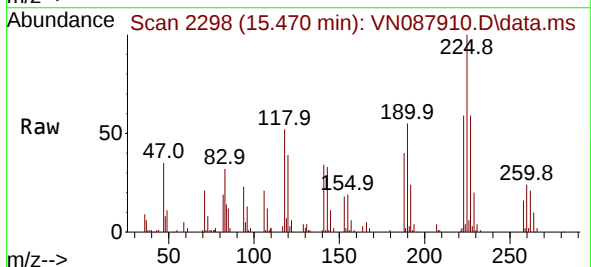


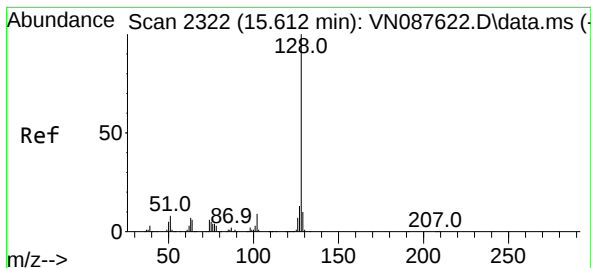
Tgt Ion:180 Resp: 229587
Ion Ratio Lower Upper
180 100
182 94.9 47.6 142.9
145 31.5 16.5 49.5



#94
Hexachlorobutadiene
Concen: 51.258 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN087910.D
Acq: 19 Sep 2025 14:54

Tgt Ion:225 Resp: 84327
Ion Ratio Lower Upper
225 100
223 59.5 32.0 96.2
227 59.9 32.1 96.5





#95

Naphthalene

Concen: 46.224 ug/l

RT: 15.617 min Scan# 2323

Delta R.T. 0.006 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

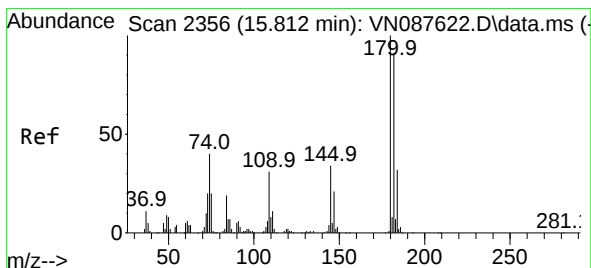
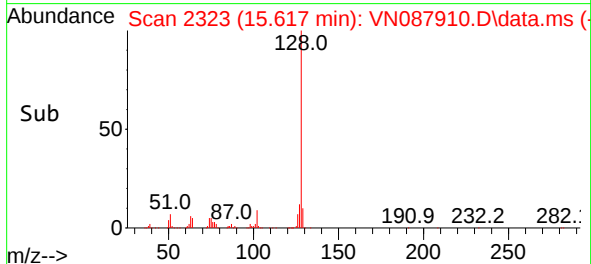
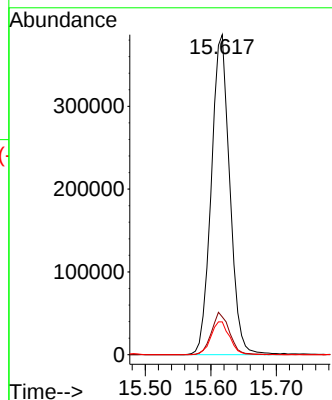
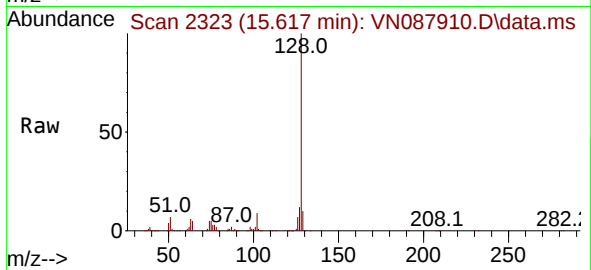
Tgt Ion:128 Resp: 755540

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 10.4 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 49.929 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087910.D

Acq: 19 Sep 2025 14:54

Tgt Ion:180 Resp: 225243

Ion Ratio Lower Upper

180 100

182 93.4 46.8 140.3

145 33.4 17.3 52.0

