

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090525\
 Data File : VN087737.D
 Acq On : 05 Sep 2025 13:07
 Operator : JC\MD
 Sample : VN0905WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 06 01:04:16 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	220578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	417491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	386569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	200325	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	199871	44.225	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.460%
35) Dibromofluoromethane	8.153	113	142717	47.347	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.700%
50) Toluene-d8	10.547	98	523750	46.424	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.840%
62) 4-Bromofluorobenzene	12.829	95	183345	45.697	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	61897	19.758	ug/l	90
3) Chloromethane	2.383	50	61255	19.026	ug/l	98
4) Vinyl Chloride	2.536	62	71375	19.120	ug/l	96
5) Bromomethane	2.983	94	40345	20.946	ug/l	96
6) Chloroethane	3.136	64	47946	18.274	ug/l	93
7) Trichlorofluoromethane	3.512	101	112700	20.607	ug/l	94
8) Diethyl Ether	3.959	74	43575	18.295	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	61134	19.755	ug/l	99
10) Methyl Iodide	4.583	142	33042	19.151	ug/l	98
11) Tert butyl alcohol	5.524	59	79995	101.959	ug/l	100
12) 1,1-Dichloroethene	4.336	96	60552	19.040	ug/l	99
13) Acrolein	4.171	56	89131	92.408	ug/l	97
14) Allyl chloride	5.012	41	94049	16.320	ug/l	98
15) Acrylonitrile	5.706	53	199204	90.027	ug/l	98
16) Acetone	4.424	43	215404	87.555	ug/l	96
17) Carbon Disulfide	4.700	76	144422	16.496	ug/l	98
18) Methyl Acetate	5.012	43	112339	21.808	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	217480	18.229	ug/l	98
20) Methylene Chloride	5.265	84	66747	17.962	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	57473	16.675	ug/l	92
22) Diisopropyl ether	6.659	45	222695	17.907	ug/l	97
23) Vinyl Acetate	6.589	43	918730	81.199	ug/l	96
24) 1,1-Dichloroethane	6.559	63	120638	17.692	ug/l	95
25) 2-Butanone	7.471	43	295696	91.357	ug/l	100
26) 2,2-Dichloropropane	7.477	77	102726	17.553	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	73145	17.752	ug/l	99
28) Bromochloromethane	7.800	49	62500	18.959	ug/l	94
29) Tetrahydrofuran	7.830	42	195222	93.721	ug/l	98
30) Chloroform	7.947	83	127412	18.307	ug/l	97
31) Cyclohexane	8.241	56	99752	17.548	ug/l	91
32) 1,1,1-Trichloroethane	8.147	97	106197	18.005	ug/l	100
36) 1,1-Dichloropropene	8.347	75	80723	17.456	ug/l	97
37) Ethyl Acetate	7.547	43	113952	18.033	ug/l	99
38) Carbon Tetrachloride	8.347	117	89372	19.575	ug/l	98
39) Methylcyclohexane	9.582	83	91004	17.875	ug/l	98
40) Benzene	8.588	78	260773	18.386	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	58595	17.901	ug/l	95
42) 1,2-Dichloroethane	8.653	62	102122	18.737	ug/l	99
43) Isopropyl Acetate	8.677	43	188058	19.062	ug/l	100
44) Trichloroethene	9.335	130	59512	18.378	ug/l	98
45) 1,2-Dichloropropane	9.600	63	68514	18.326	ug/l	97
46) Dibromomethane	9.688	93	49712	18.686	ug/l	96
47) Bromodichloromethane	9.871	83	101850	18.680	ug/l	100
48) Methyl methacrylate	9.665	41	85214	18.261	ug/l	98
49) 1,4-Dioxane	9.682	88	27908	461.412	ug/l #	93
51) 4-Methyl-2-Pentanone	10.424	43	594976	99.957	ug/l	98
52) Toluene	10.612	92	165499	18.822	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	106250	18.826	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	108400	18.498	ug/l	99
55) 1,1,2-Trichloroethane	11.000	97	67695	19.902	ug/l	88
56) Ethyl methacrylate	10.859	69	101374	18.649	ug/l	95
57) 1,3-Dichloropropane	11.147	76	113330	18.826	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	256041	87.023	ug/l	98
59) 2-Hexanone	11.177	43	372123	98.920	ug/l	100
60) Dibromochloromethane	11.341	129	75552	19.169	ug/l	97
61) 1,2-Dibromoethane	11.447	107	68513	19.102	ug/l	100
64) Tetrachloroethene	11.082	164	46835	17.463	ug/l	92
65) Chlorobenzene	11.871	112	176814	18.385	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.941	131	63103	19.764	ug/l	99
67) Ethyl Benzene	11.941	91	309330	18.577	ug/l	98
68) m/p-Xylenes	12.053	106	229728	37.618	ug/l	99
69) o-Xylene	12.376	106	109326	18.268	ug/l	99
70) Styrene	12.394	104	184330	18.385	ug/l	98
71) Bromoform	12.559	173	50036	20.434	ug/l #	93
73) Isopropylbenzene	12.676	105	287199	17.742	ug/l	98
74) N-amyl acetate	12.529	43	7757	1.264	ug/l #	34
75) 1,1,2,2-Tetrachloroethane	12.918	83	109332	19.618	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	136365	29.028	ug/l	59
77) Bromobenzene	12.959	156	68371	17.913	ug/l	99
78) n-propylbenzene	13.012	91	375789	18.847	ug/l	99
79) 2-Chlorotoluene	13.106	91	217287	18.109	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	244959	17.838	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	30428	17.148	ug/l	91
82) 4-Chlorotoluene	13.200	91	224742	17.814	ug/l	97
83) tert-Butylbenzene	13.418	119	209109	18.273	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	252583	18.374	ug/l	100
85) sec-Butylbenzene	13.594	105	312140	18.381	ug/l	99
86) p-Isopropyltoluene	13.706	119	254541	18.152	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	135134	17.979	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	142385	18.203	ug/l	98
89) n-Butylbenzene	14.035	91	254210	18.253	ug/l	98
90) Hexachloroethane	14.312	117	50462	18.889	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	135861	19.053	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.694	75	25275	19.091	ug/l	96
93) 1,2,4-Trichlorobenzene	15.370	180	75093	17.537	ug/l	98
94) Hexachlorobutadiene	15.476	225	26880	17.608	ug/l	97
95) Naphthalene	15.617	128	265935	17.534	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	74491	17.795	ug/l	99

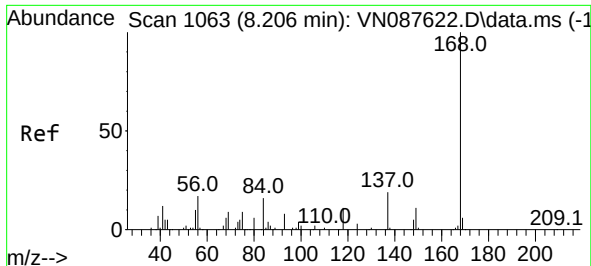
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090525\
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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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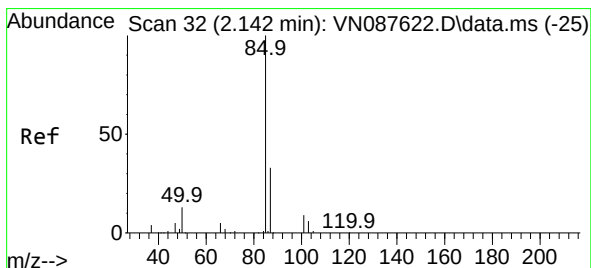
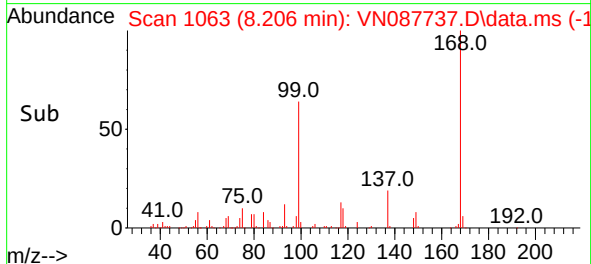
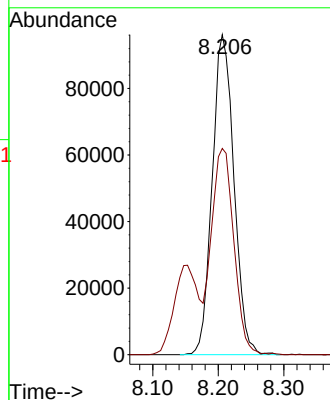
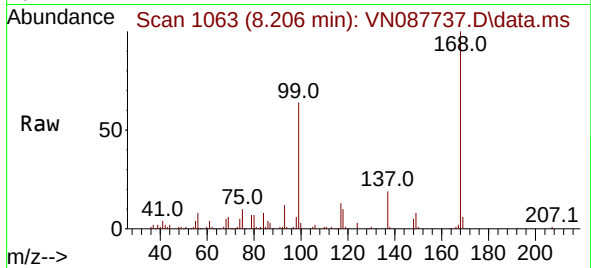
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

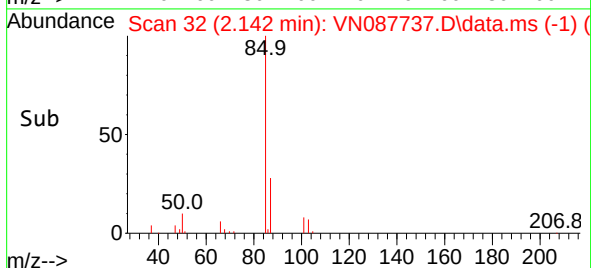
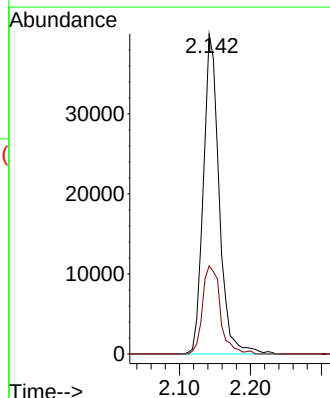
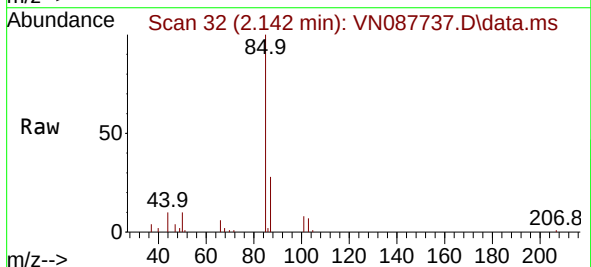
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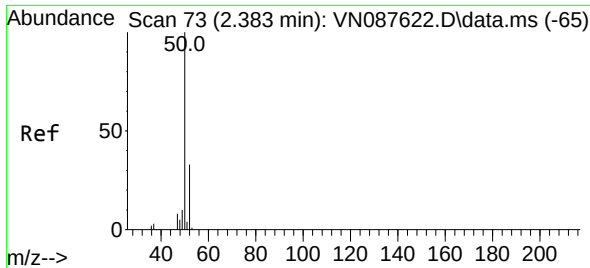
Tgt Ion:168 Resp: 220578
Ion Ratio Lower Upper
168 100
99 64.3 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 19.758 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

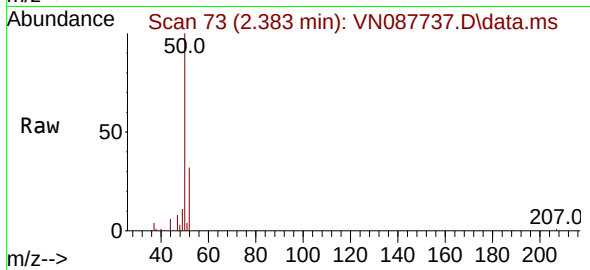
Tgt Ion: 85 Resp: 61897
Ion Ratio Lower Upper
85 100
87 27.5 16.6 49.8



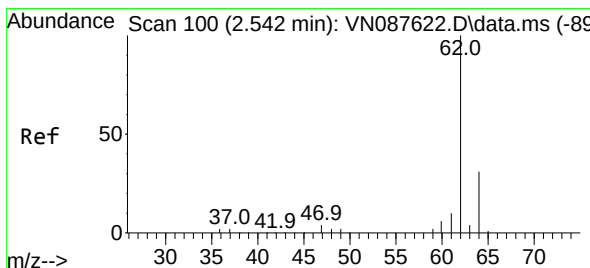
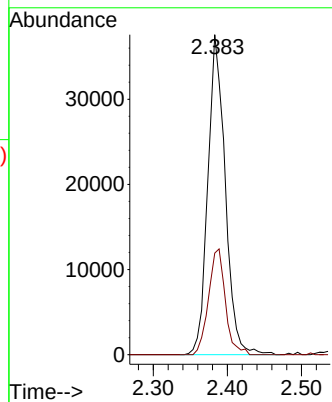
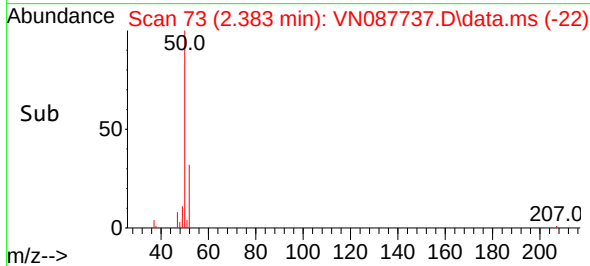


#3
Chloromethane
Concen: 19.026 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :

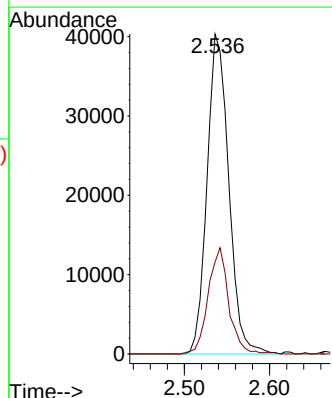
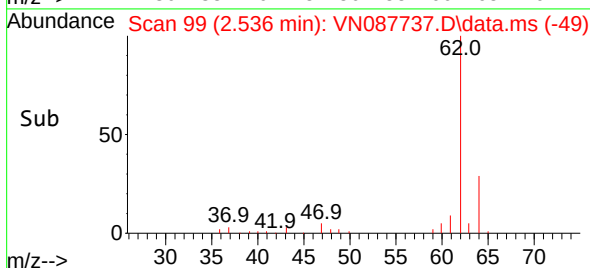
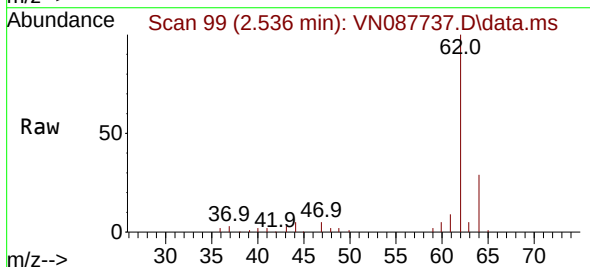


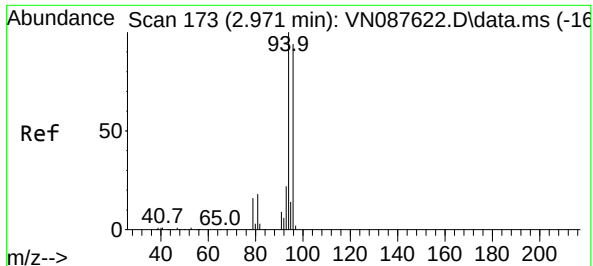
Tgt Ion: 50 Resp: 61255
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.4



#4
Vinyl Chloride
Concen: 19.120 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Tgt Ion: 62 Resp: 71375
Ion Ratio Lower Upper
62 100
64 28.8 24.6 37.0

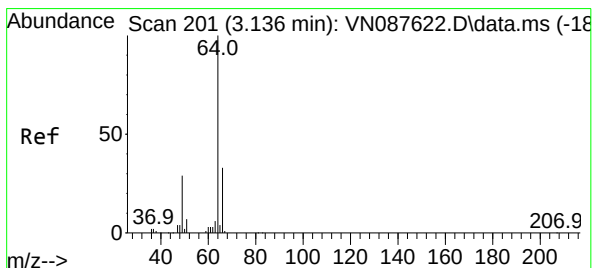
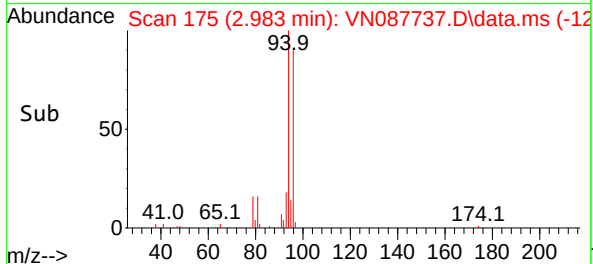
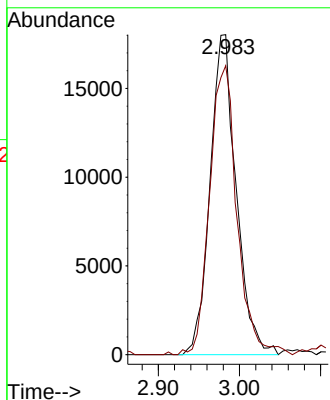
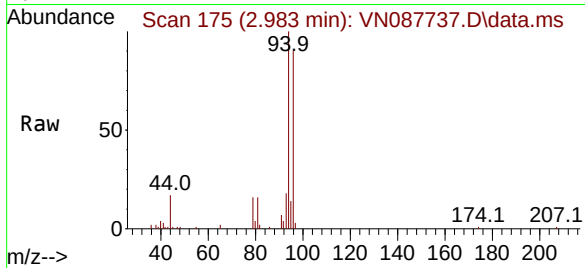




#5
Bromomethane
Concen: 20.946 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

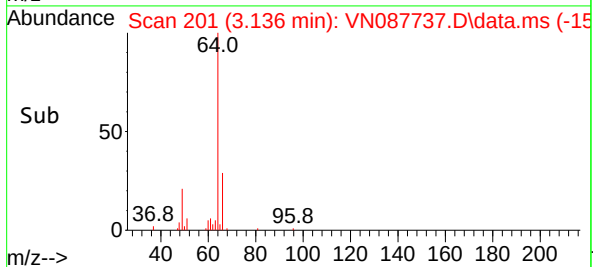
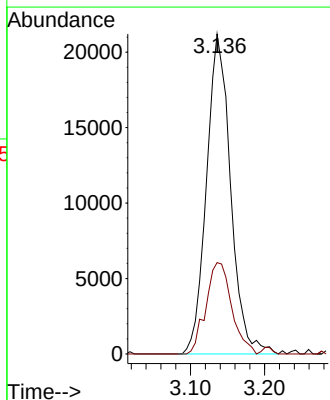
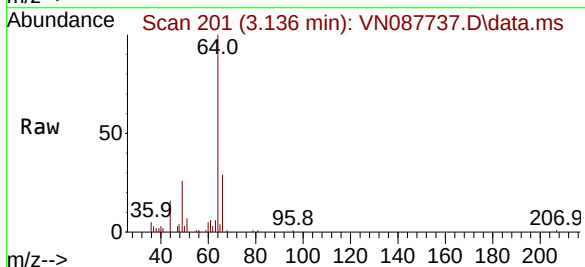
Instrument :
MSVOA_N
ClientSampleId :

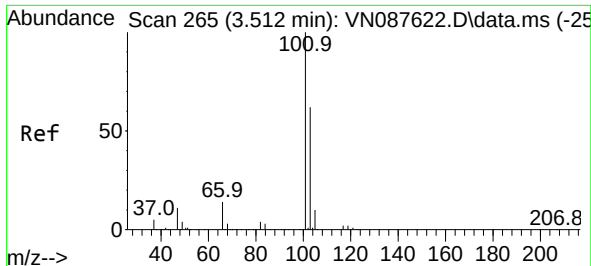
Tgt Ion: 94 Resp: 40345
Ion Ratio Lower Upper
94 100
96 90.3 75.4 113.2



#6
Chloroethane
Concen: 18.274 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

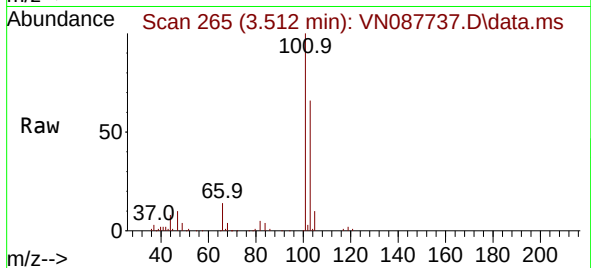
Tgt Ion: 64 Resp: 47946
Ion Ratio Lower Upper
64 100
66 28.6 26.2 39.2



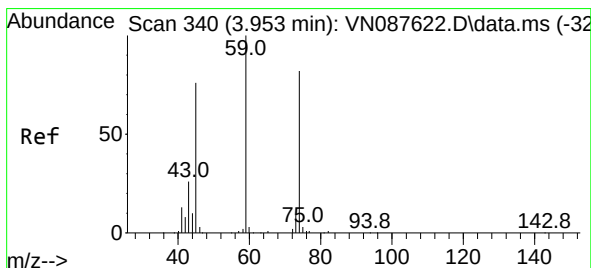
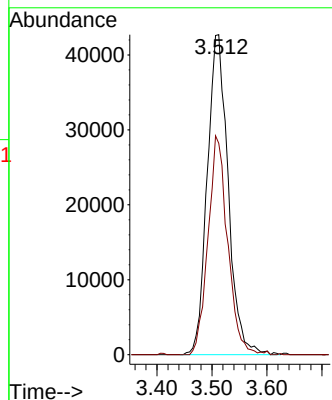
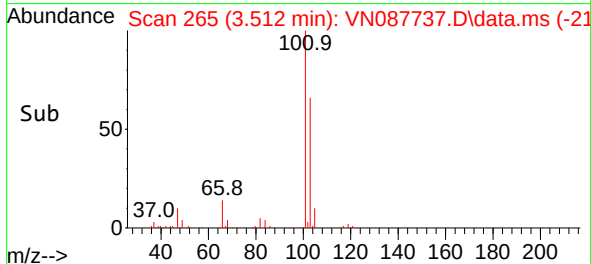


#7
 Trichlorofluoromethane
 Concen: 20.607 ug/l
 RT: 3.512 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN087737.D
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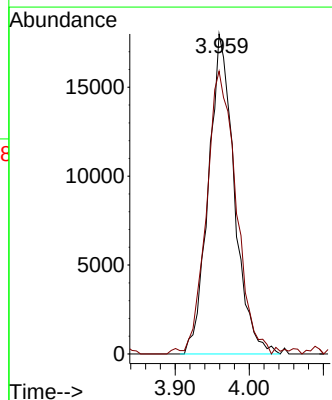
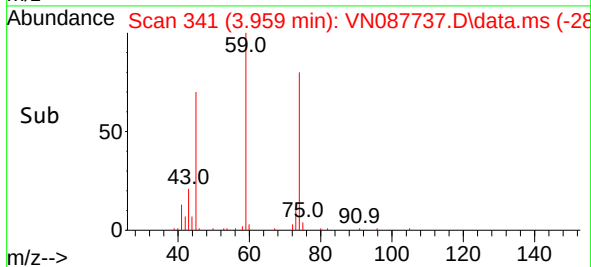
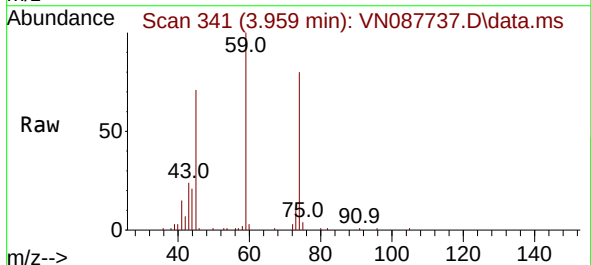


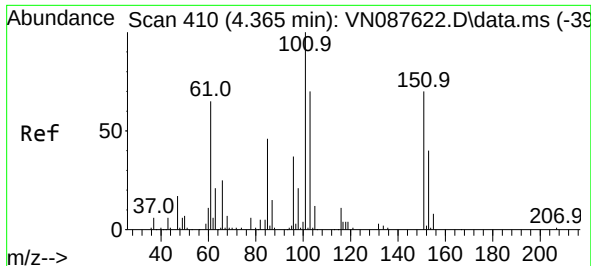
Tgt Ion:101 Resp: 112700
 Ion Ratio Lower Upper
 101 100
 103 66.1 49.4 74.0



#8
 Diethyl Ether
 Concen: 18.295 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087737.D
 Acq: 05 Sep 2025 13:07

Tgt Ion: 74 Resp: 43575
 Ion Ratio Lower Upper
 74 100
 45 101.5 50.6 151.9

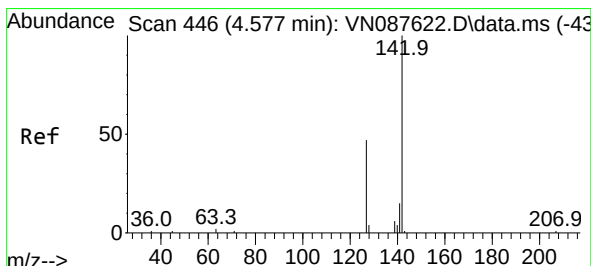
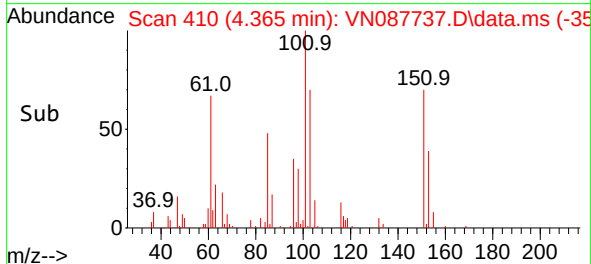
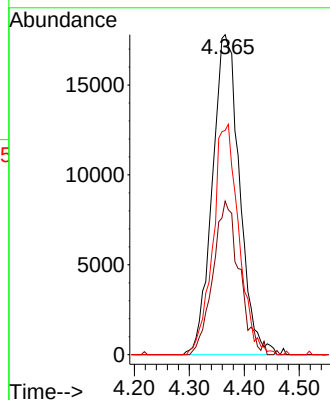
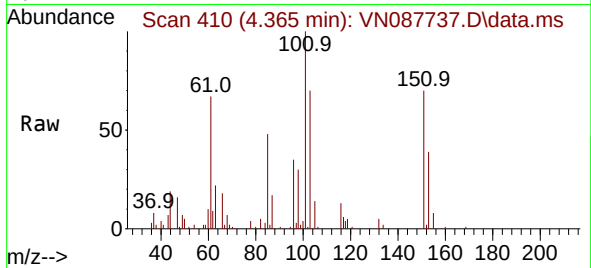




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.755 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

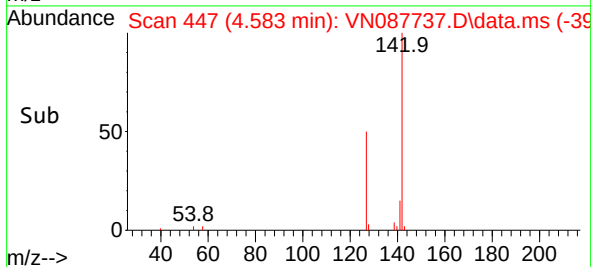
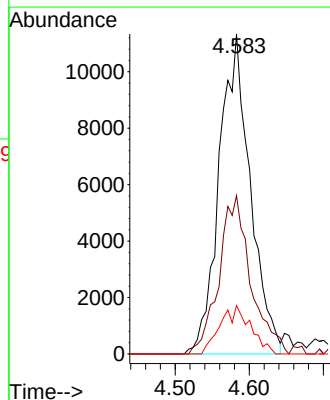
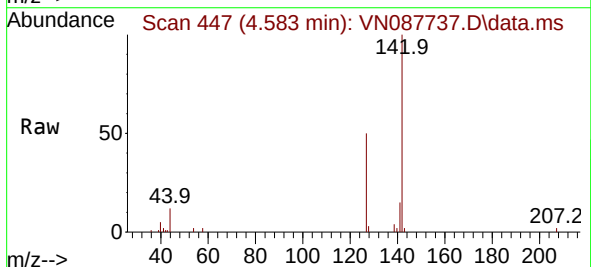
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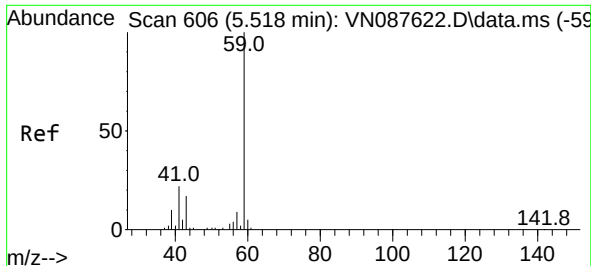
Tgt Ion:101 Resp: 61134
Ion Ratio Lower Upper
101 100
85 46.8 36.6 55.0
151 68.6 54.7 82.1



#10
Methyl Iodide
Concen: 19.151 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Tgt Ion:142 Resp: 33042
Ion Ratio Lower Upper
142 100
127 49.5 38.0 57.0
141 15.1 12.0 18.0

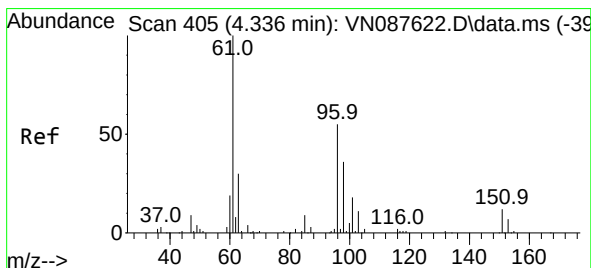
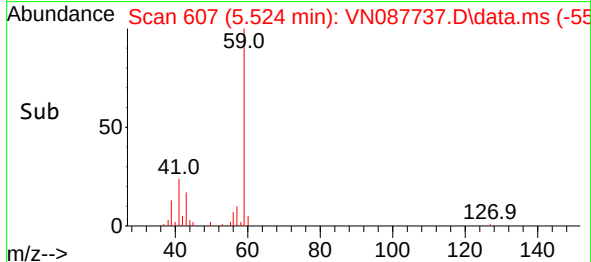
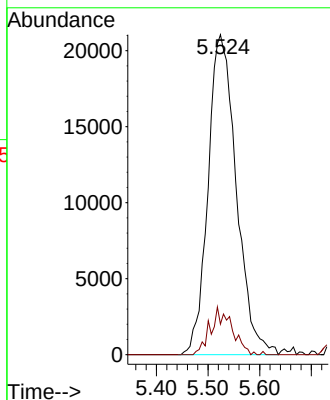
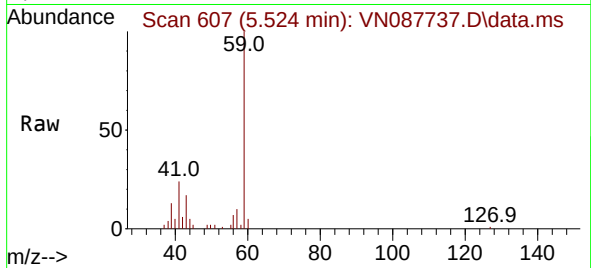




#11
Tert butyl alcohol
Concen: 101.959 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

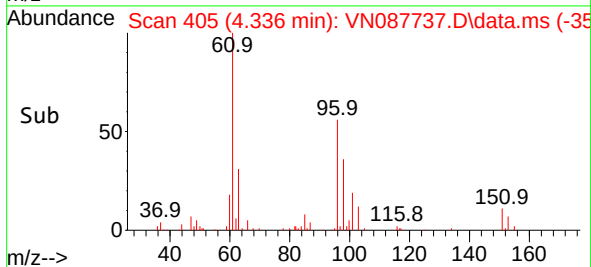
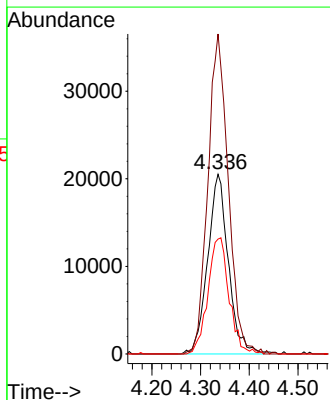
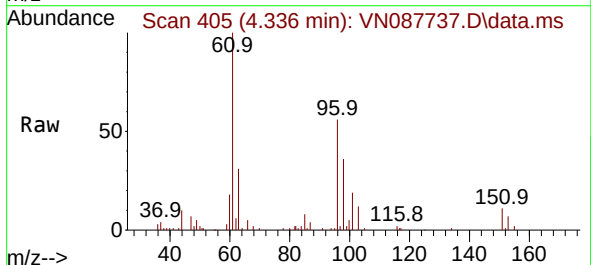
Instrument :
MSVOA_N
ClientSampleId :

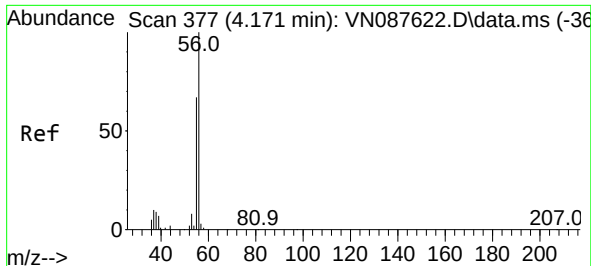
Tgt Ion: 59 Resp: 79995
Ion Ratio Lower Upper
59 100
57 11.3 9.0 13.4



#12
1,1-Dichloroethene
Concen: 19.040 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Tgt Ion: 96 Resp: 60552
Ion Ratio Lower Upper
96 100
61 178.2 143.8 215.8
98 63.9 52.1 78.1

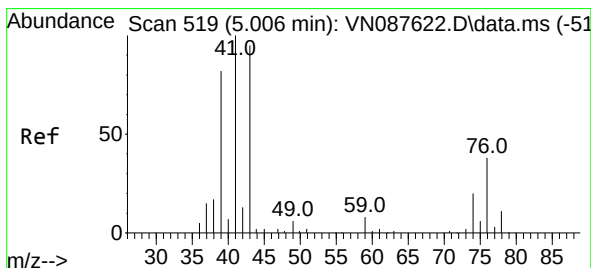
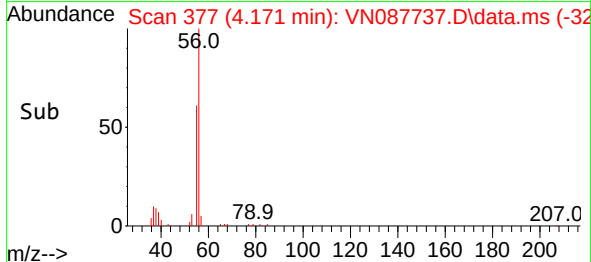
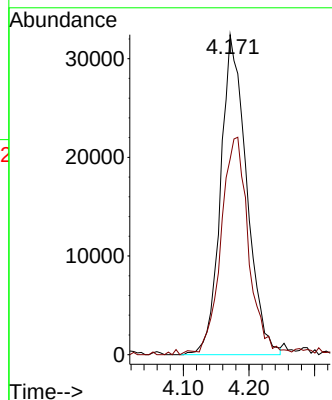
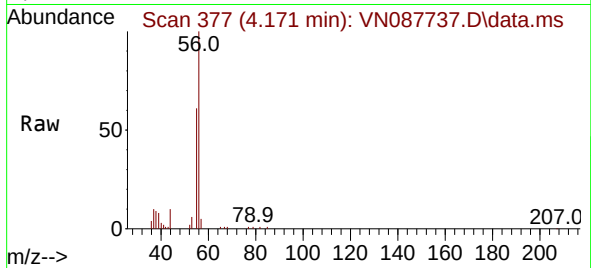




#13
Acrolein
Concen: 92.408 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

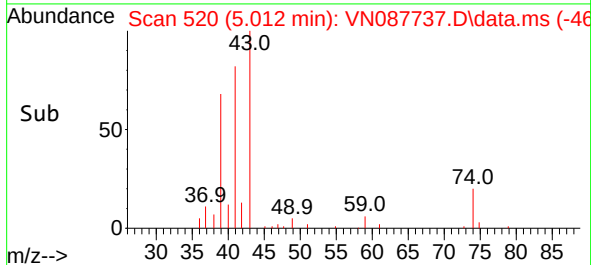
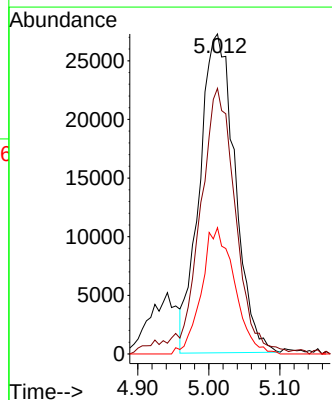
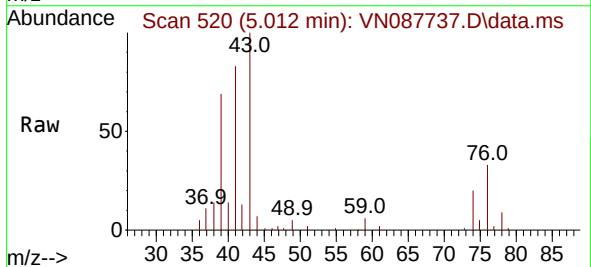
Instrument :
MSVOA_N
ClientSampleId :

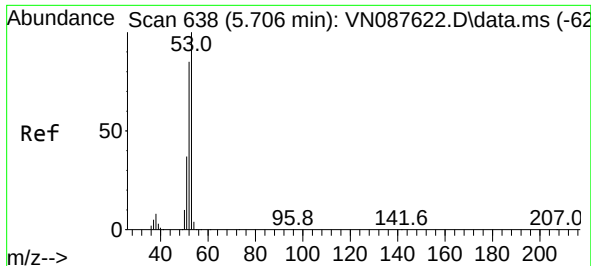
Tgt Ion: 56 Resp: 89131
Ion Ratio Lower Upper
56 100
55 69.3 57.3 85.9



#14
Allyl chloride
Concen: 16.320 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

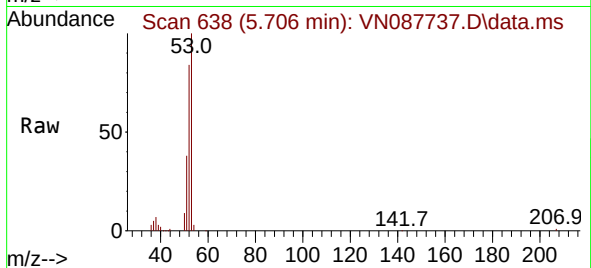
Tgt Ion: 41 Resp: 94049
Ion Ratio Lower Upper
41 100
39 81.1 63.9 95.9
76 37.0 28.1 42.1



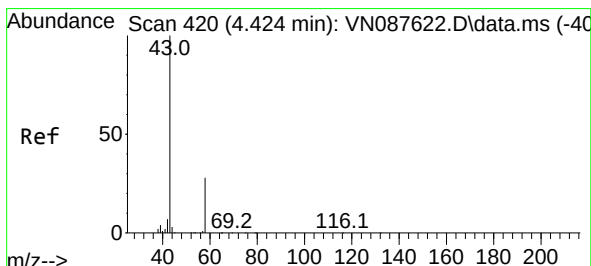
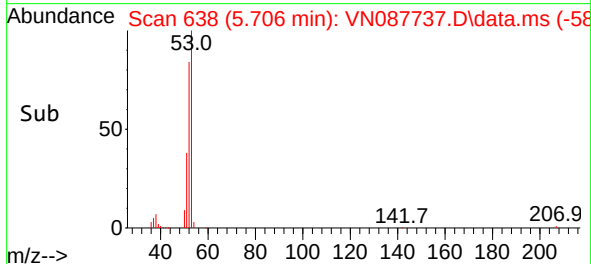
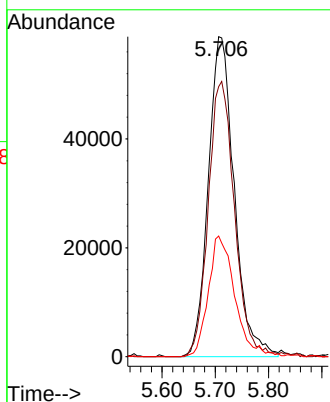


#15
Acrylonitrile
Concen: 90.027 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :

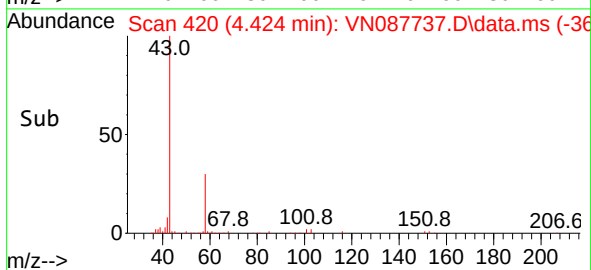
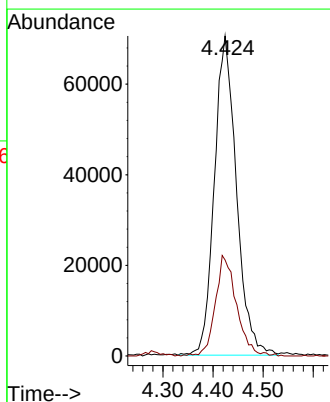
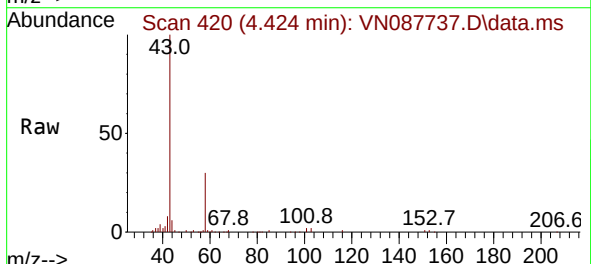


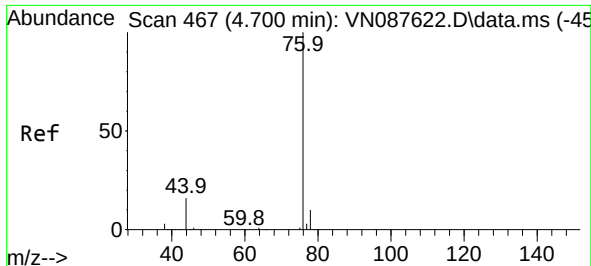
Tgt Ion: 53 Resp: 199204
Ion Ratio Lower Upper
53 100
52 86.9 67.6 101.4
51 38.5 30.1 45.1



#16
Acetone
Concen: 87.555 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Tgt Ion: 43 Resp: 215404
Ion Ratio Lower Upper
43 100
58 30.1 22.6 33.8

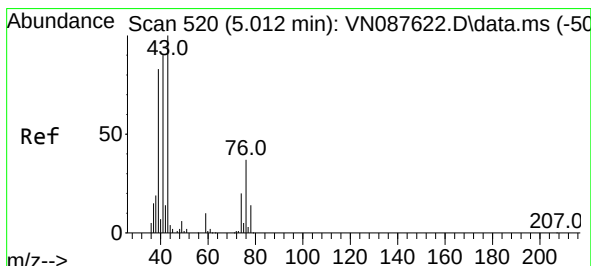
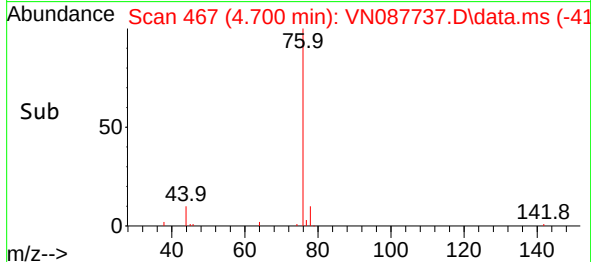
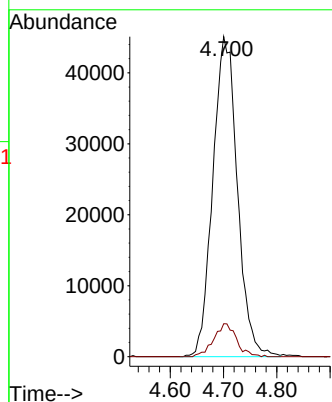
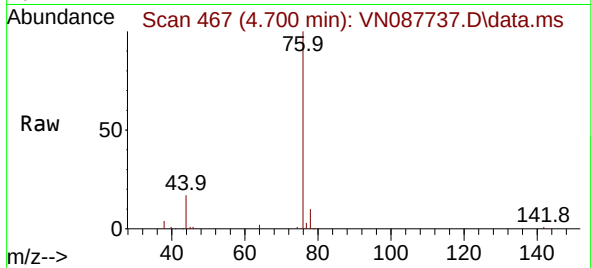




#17
Carbon Disulfide
Concen: 16.496 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

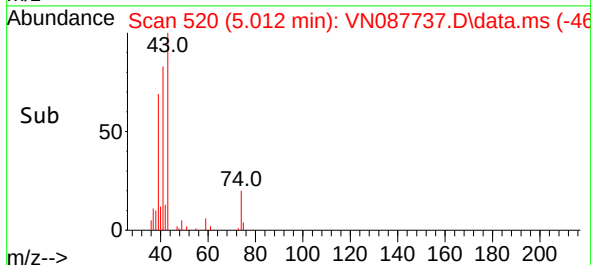
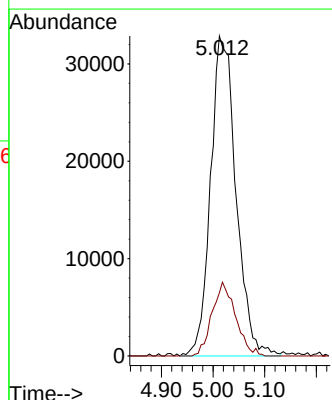
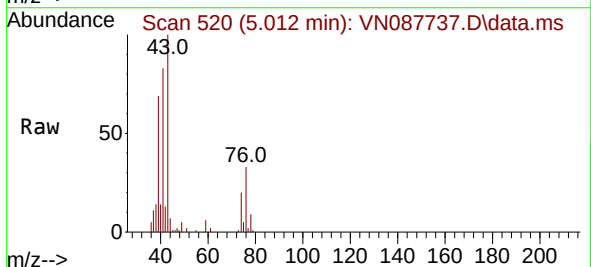
Instrument :
MSVOA_N
ClientSampleId :

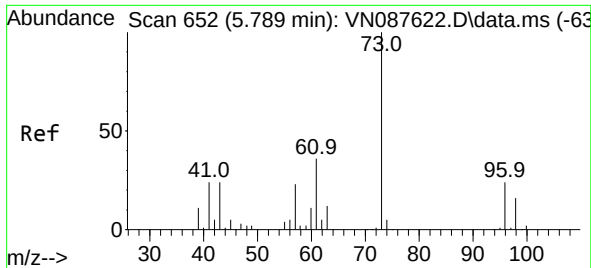
Tgt Ion: 76 Resp: 144422
Ion Ratio Lower Upper
76 100
78 10.3 7.6 11.4



#18
Methyl Acetate
Concen: 21.808 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Tgt Ion: 43 Resp: 112339
Ion Ratio Lower Upper
43 100
74 21.3 17.6 26.4

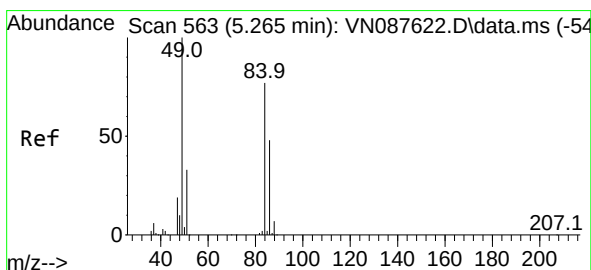
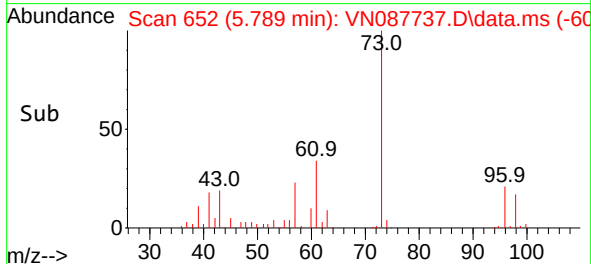
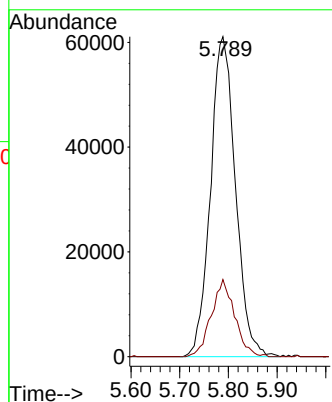
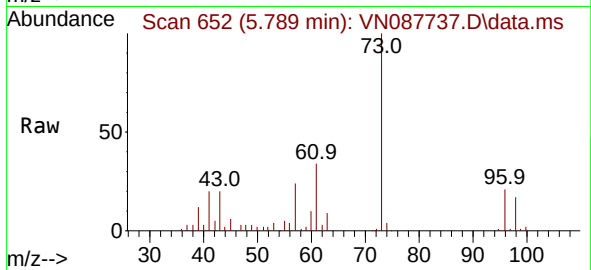




#19
Methyl tert-butyl Ether
Concen: 18.229 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

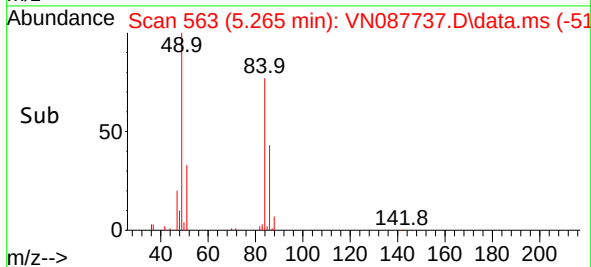
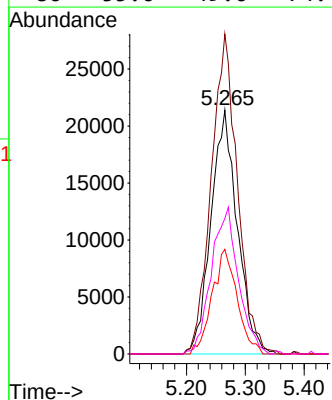
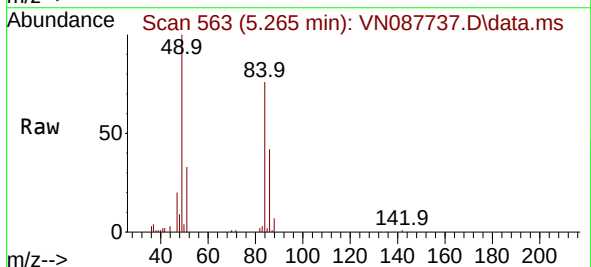
Instrument :
MSVOA_N
ClientSampleId :

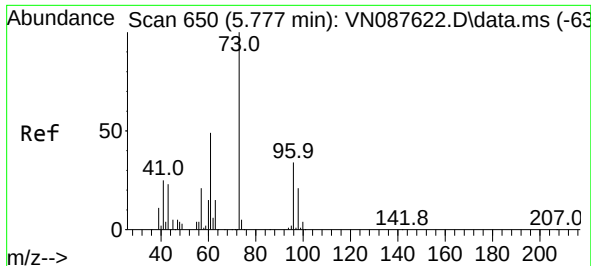
Tgt Ion: 73 Resp: 217480
Ion Ratio Lower Upper
73 100
57 24.1 18.4 27.6



#20
Methylene Chloride
Concen: 17.962 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

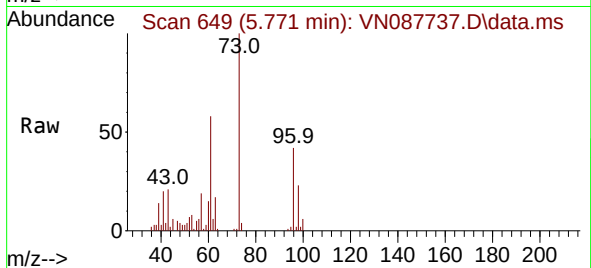
Tgt Ion: 84 Resp: 66747
Ion Ratio Lower Upper
84 100
49 131.2 103.4 155.2
51 42.9 33.8 50.8
86 55.6 49.6 74.4



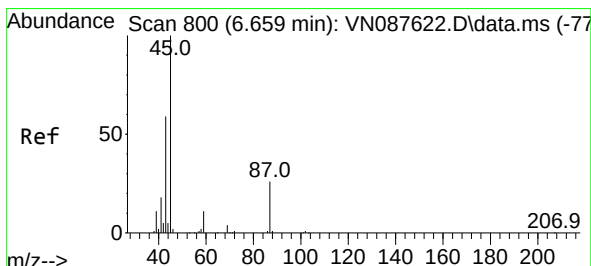
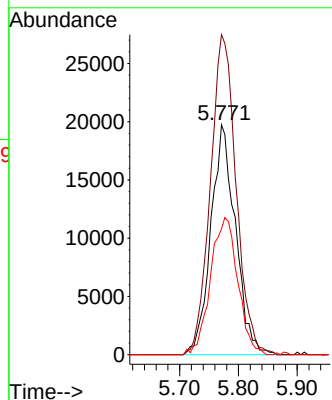
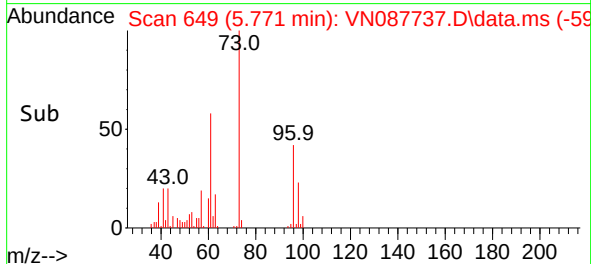


#21
trans-1,2-Dichloroethene
Concen: 16.675 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :

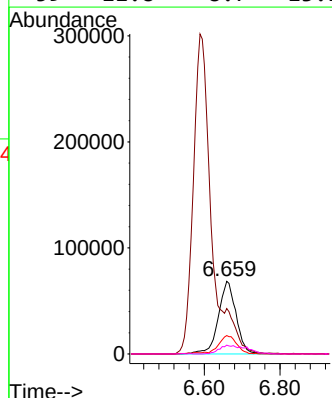
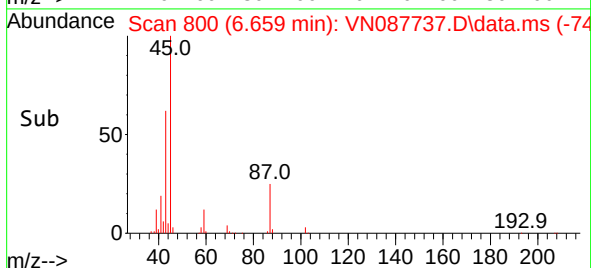
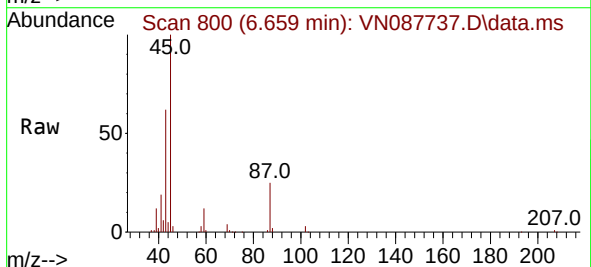


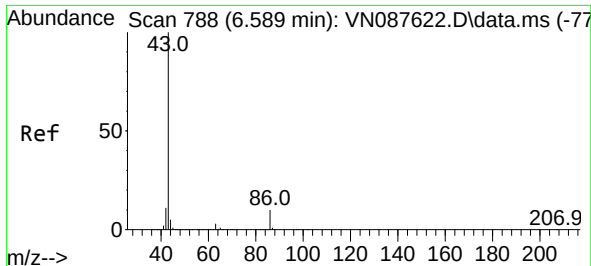
Tgt Ion: 96 Resp: 57473
Ion Ratio Lower Upper
96 100
61 139.2 118.0 177.0
98 54.7 50.0 75.0



#22
Diisopropyl ether
Concen: 17.907 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

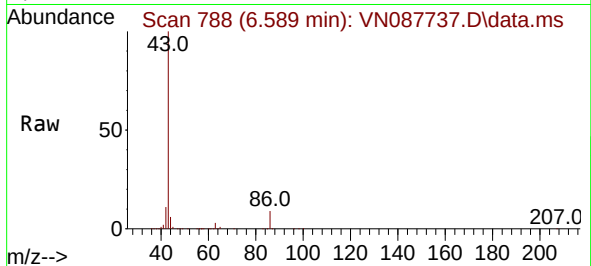
Tgt Ion: 45 Resp: 222695
Ion Ratio Lower Upper
45 100
43 62.0 47.7 71.5
87 25.4 21.4 32.0
59 11.8 8.7 13.1



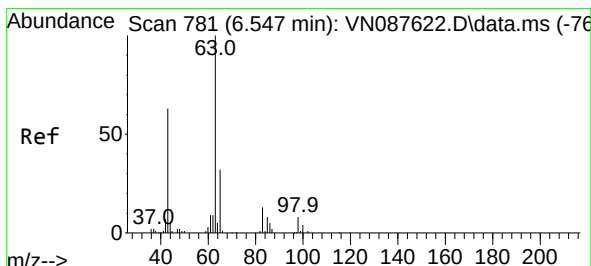
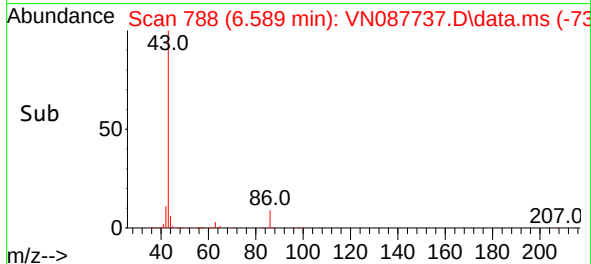
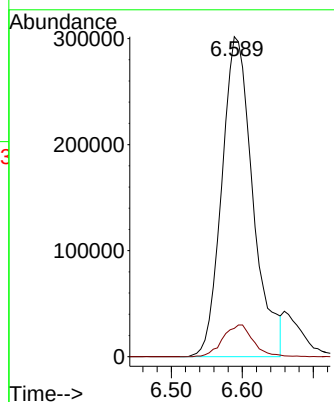


#23
 Vinyl Acetate
 Concen: 81.199 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087737.D
 Acq: 05 Sep 2025 13:07

Instrument :
 MSVOA_N
 ClientSampleId :

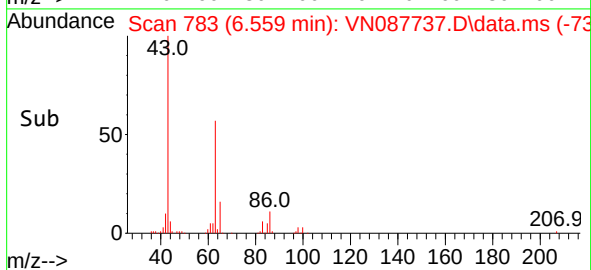
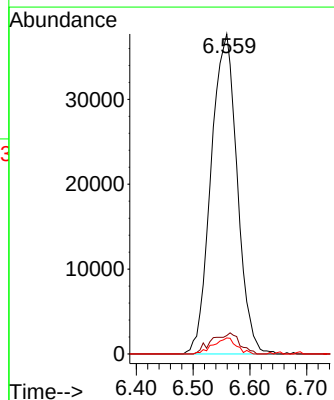
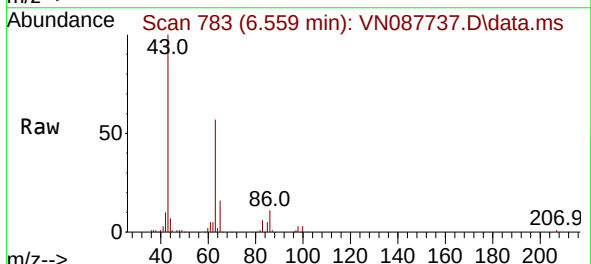


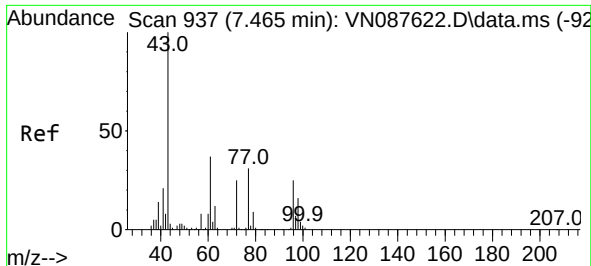
Tgt Ion: 43 Resp: 918730
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 17.692 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.012 min
 Lab File: VN087737.D
 Acq: 05 Sep 2025 13:07

Tgt Ion: 63 Resp: 120638
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.8 11.4
 100 5.0 2.0 6.0

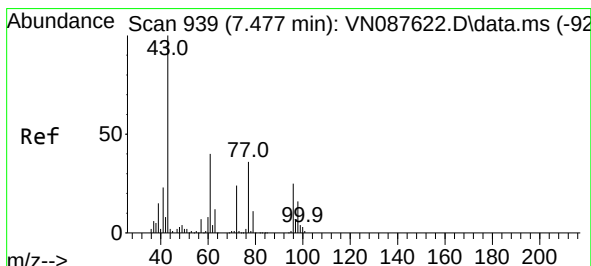
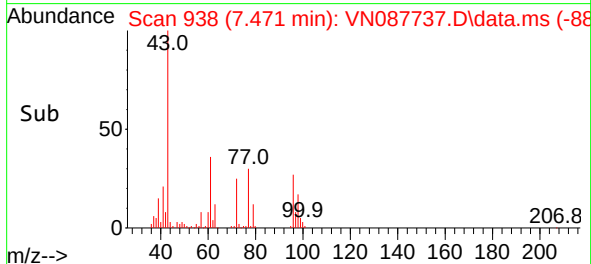
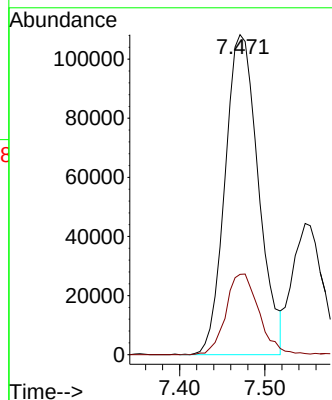
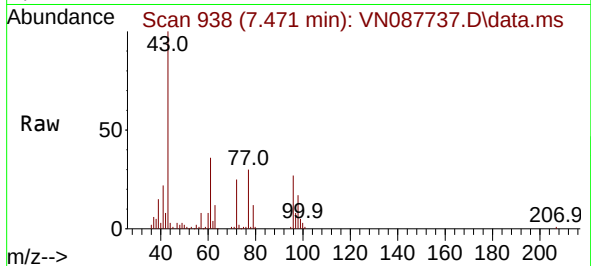




#25
2-Butanone
Concen: 91.357 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

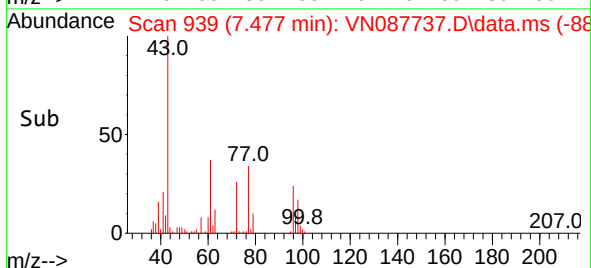
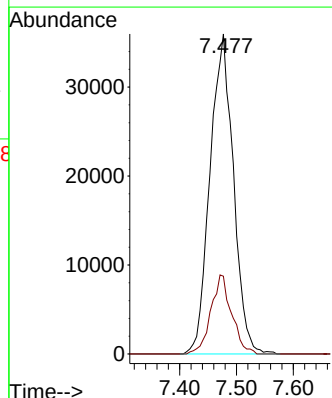
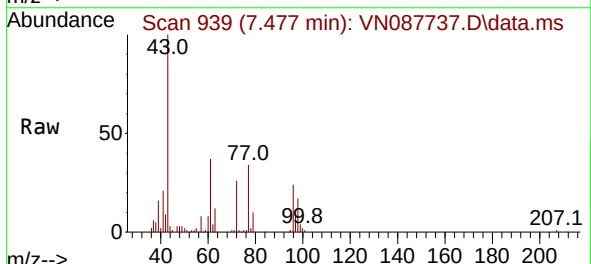
Instrument :
MSVOA_N
ClientSampleId :

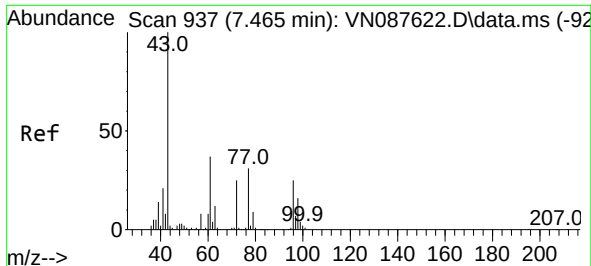
Tgt Ion: 43 Resp: 295696
Ion Ratio Lower Upper
43 100
72 25.1 19.9 29.9



#26
2,2-Dichloropropane
Concen: 17.553 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

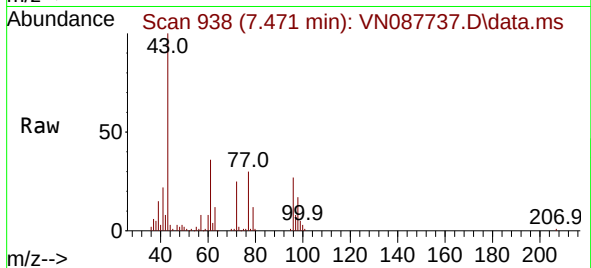
Tgt Ion: 77 Resp: 102726
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.7



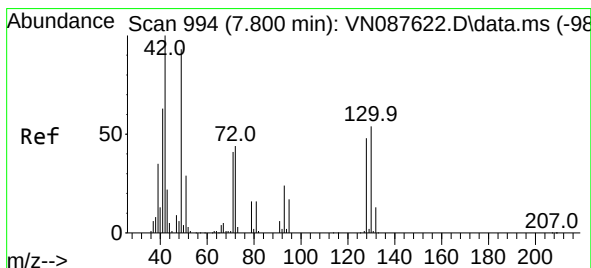
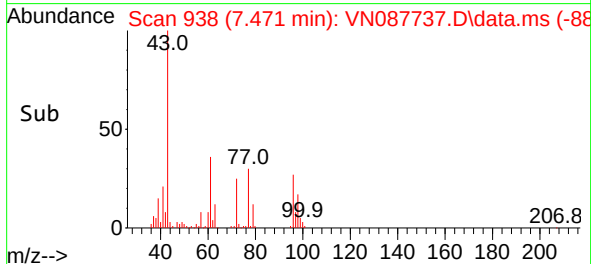
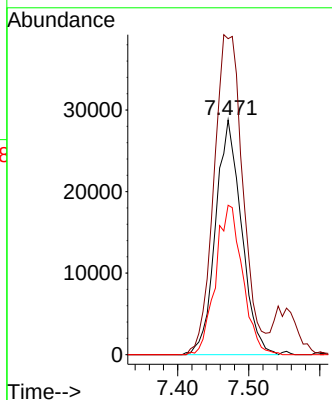


#27
 cis-1,2-Dichloroethene
 Concen: 17.752 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087737.D
 Acq: 05 Sep 2025 13:07

Instrument :
 MSVOA_N
 ClientSampleId :

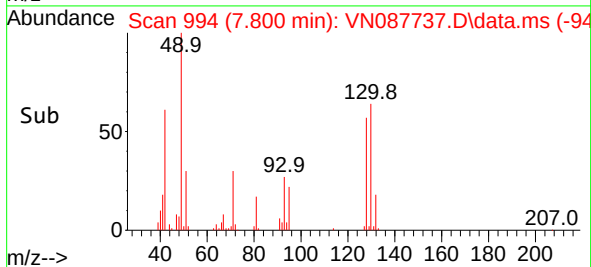
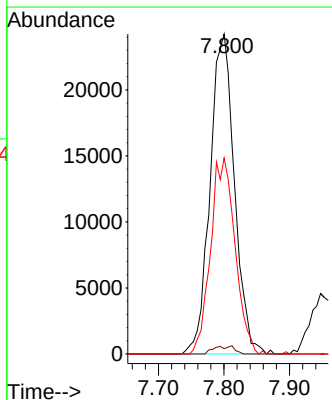
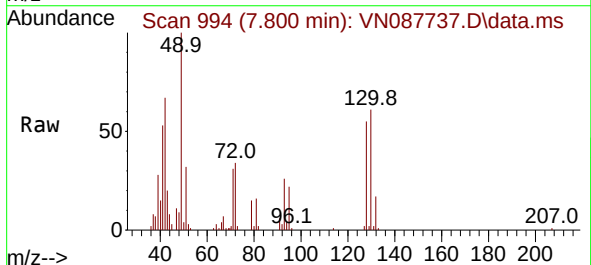


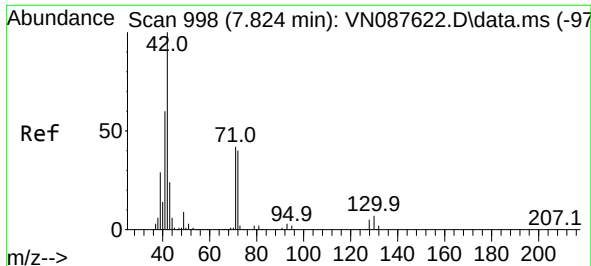
Tgt Ion: 96 Resp: 73145
 Ion Ratio Lower Upper
 96 100
 61 151.5 0.0 301.8
 98 65.9 0.0 126.2



#28
 Bromochloromethane
 Concen: 18.959 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: VN087737.D
 Acq: 05 Sep 2025 13:07

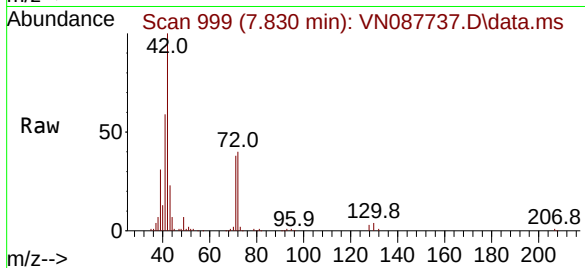
Tgt Ion: 49 Resp: 62500
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.0
 130 61.5 53.1 79.7



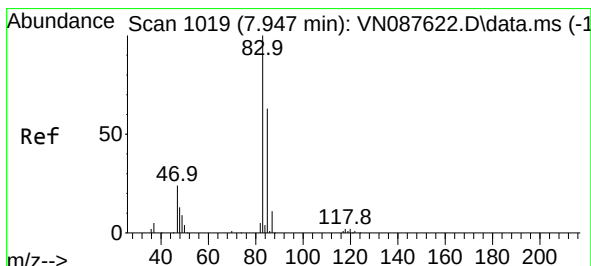
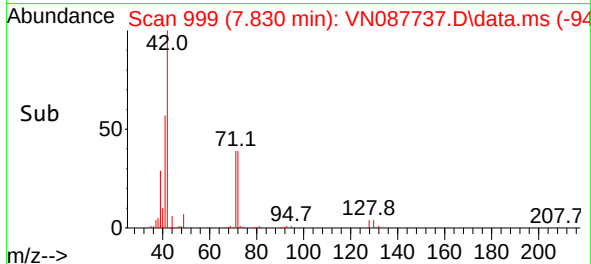
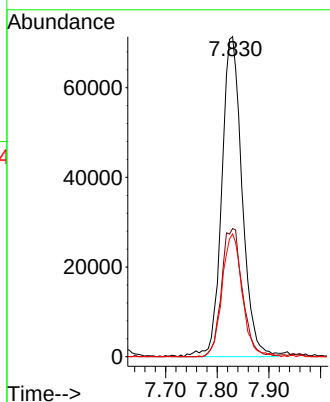


#29
Tetrahydrofuran
Concen: 93.721 ug/l
RT: 7.830 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :

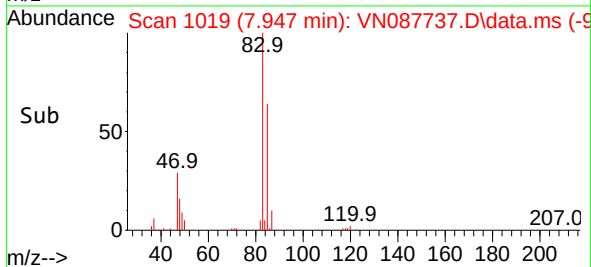
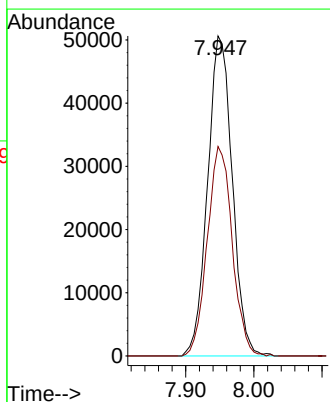
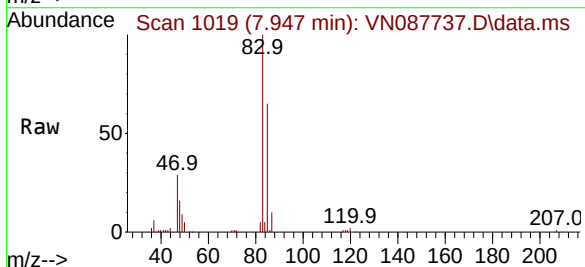


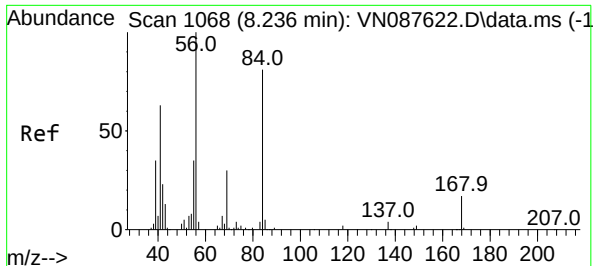
Tgt Ion: 42 Resp: 195222
Ion Ratio Lower Upper
42 100
72 41.1 33.7 50.5
71 38.1 31.9 47.9



#30
Chloroform
Concen: 18.307 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

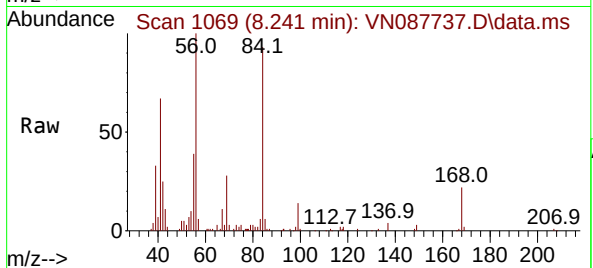
Tgt Ion: 83 Resp: 127412
Ion Ratio Lower Upper
83 100
85 65.5 50.7 76.1



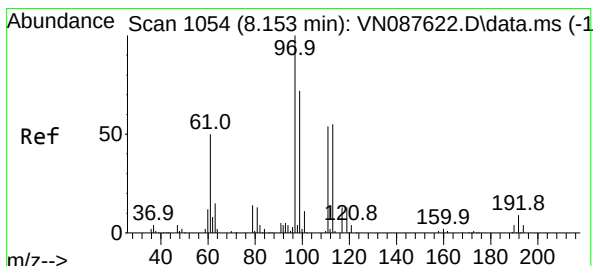
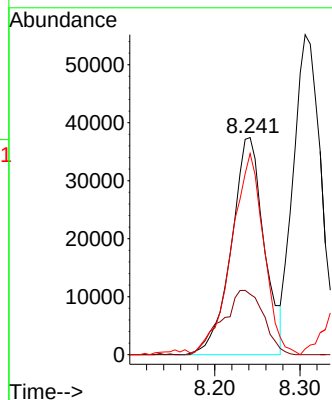
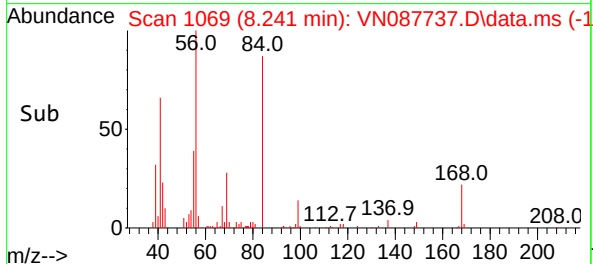


#31
Cyclohexane
Concen: 17.548 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :

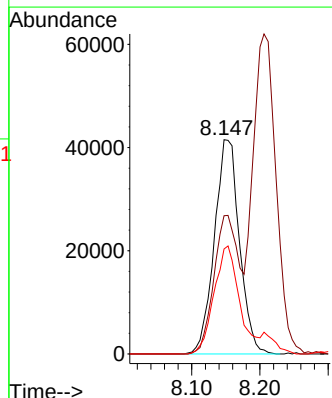
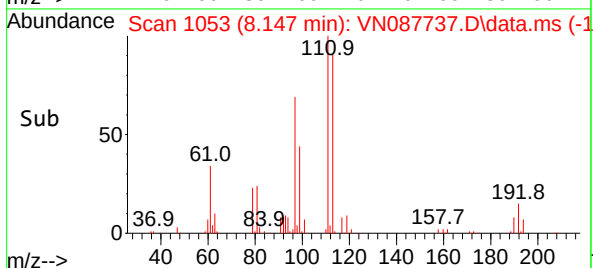
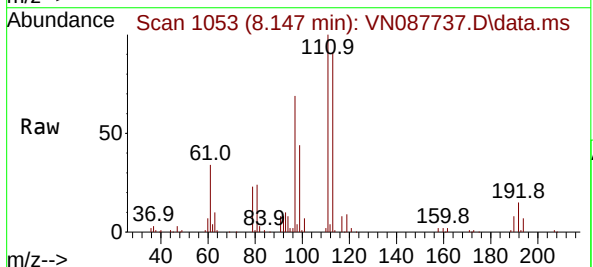


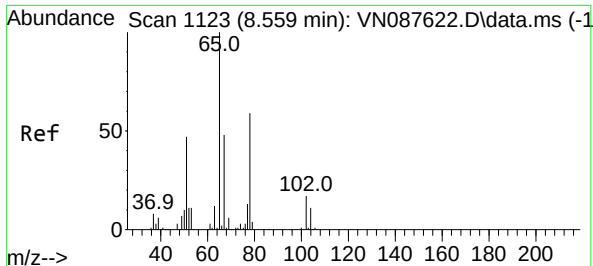
Tgt Ion: 56 Resp: 99752
Ion Ratio Lower Upper
56 100
69 27.9 23.7 35.5
84 91.4 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 18.005 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Tgt Ion: 97 Resp: 106197
Ion Ratio Lower Upper
97 100
99 65.6 52.2 78.2
61 51.5 41.2 61.8

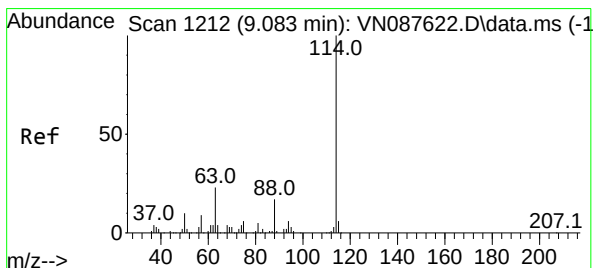
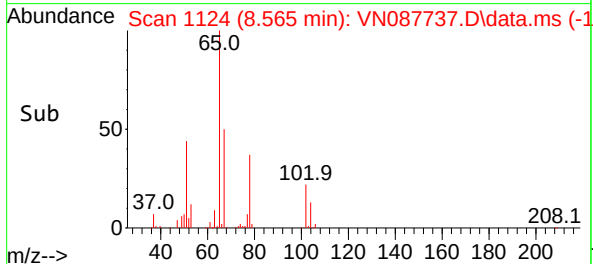
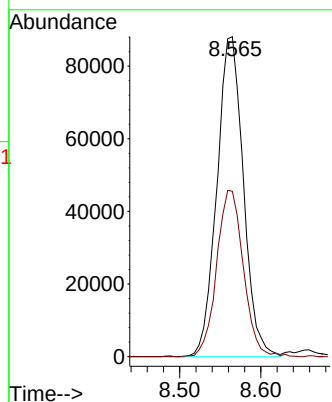
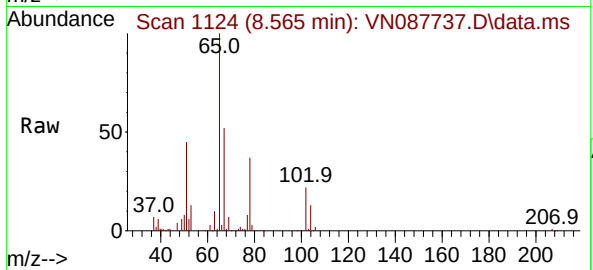




#33
 1,2-Dichloroethane-d4
 Concen: 44.225 ug/l
 RT: 8.565 min Scan# 1123
 Delta R.T. 0.006 min
 Lab File: VN087737.D
 Acq: 05 Sep 2025 13:07

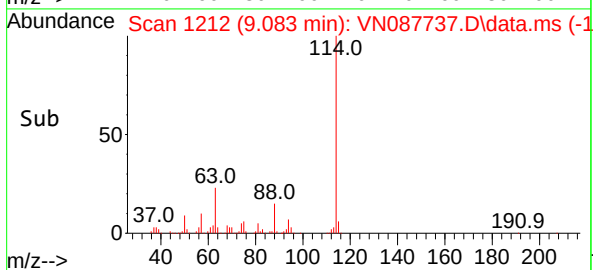
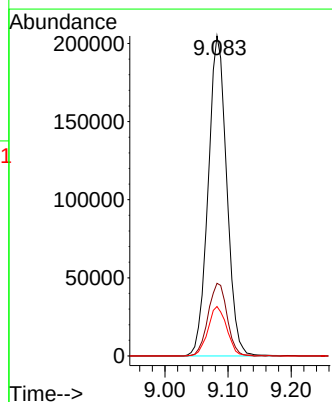
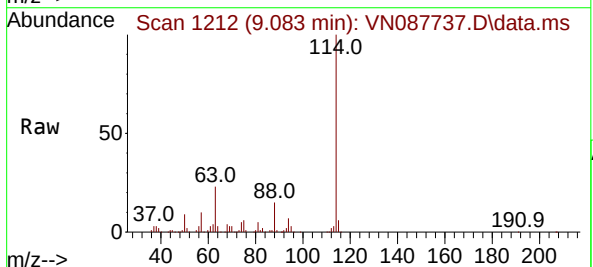
Instrument :
 MSVOA_N
 ClientSampleId :

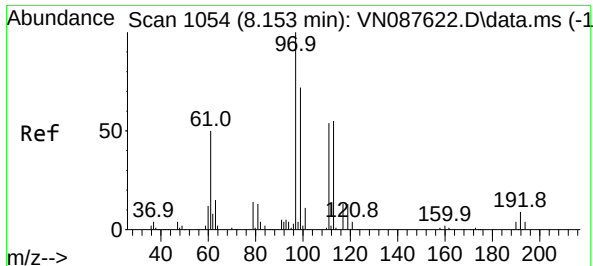
Tgt Ion: 65 Resp: 199871
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 100.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.083 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087737.D
 Acq: 05 Sep 2025 13:07

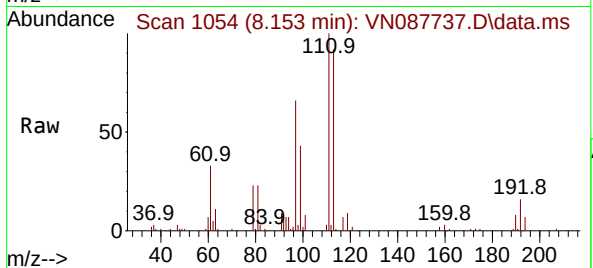
Tgt Ion: 114 Resp: 417491
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.2
 88 15.4 0.0 33.4



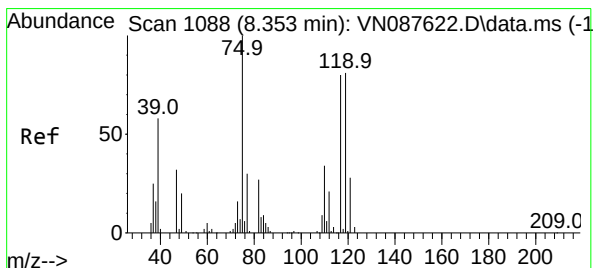
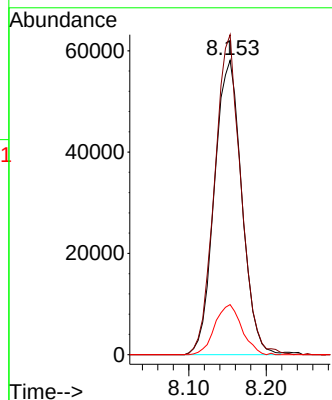
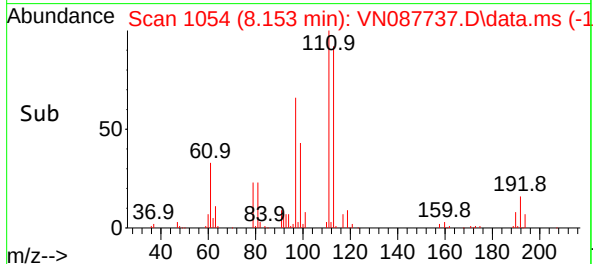


#35
Dibromofluoromethane
Concen: 47.347 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

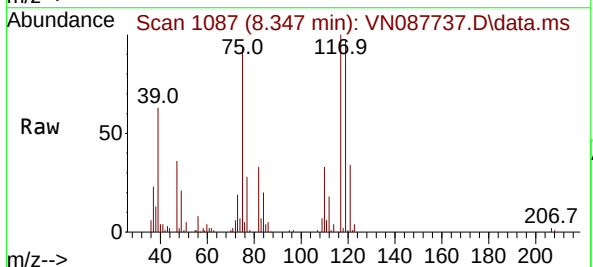
Instrument :
MSVOA_N
ClientSampleId :



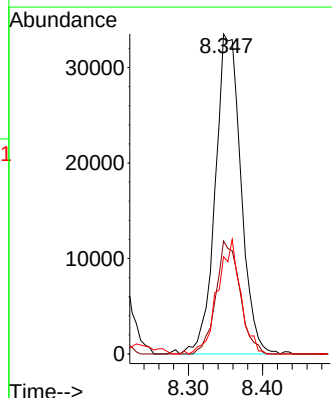
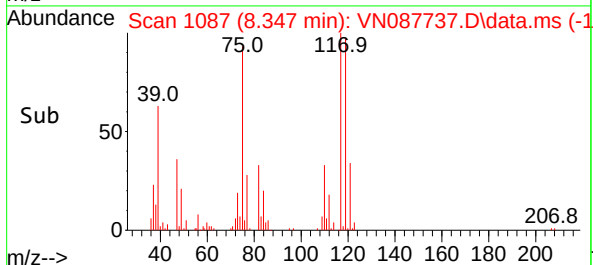
Tgt Ion:113 Resp: 142717
Ion Ratio Lower Upper
113 100
111 104.2 82.8 124.2
192 16.7 12.8 19.2

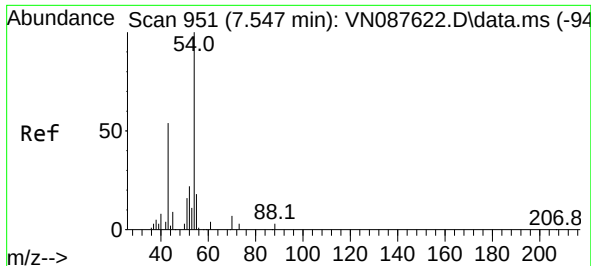


#36
1,1-Dichloropropene
Concen: 17.456 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. -0.006 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07



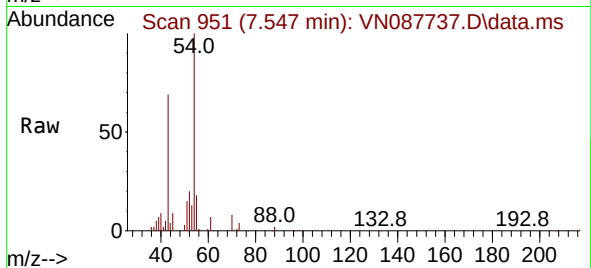
Tgt Ion: 75 Resp: 80723
Ion Ratio Lower Upper
75 100
110 33.0 15.9 47.6
77 32.0 24.4 36.6



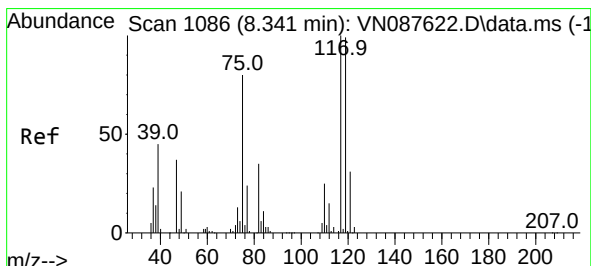
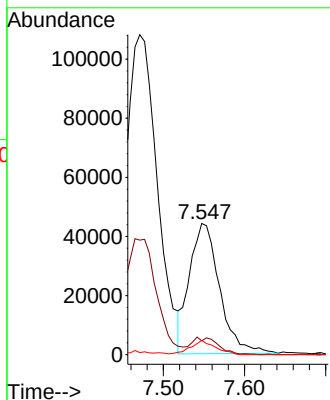
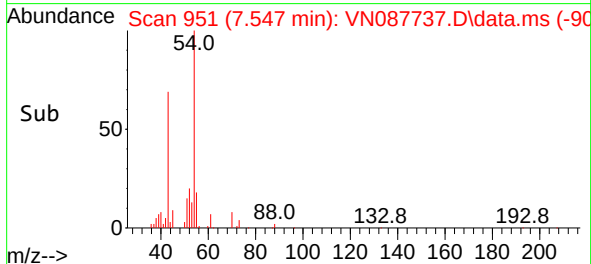


#37
Ethyl Acetate
Concen: 18.033 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :

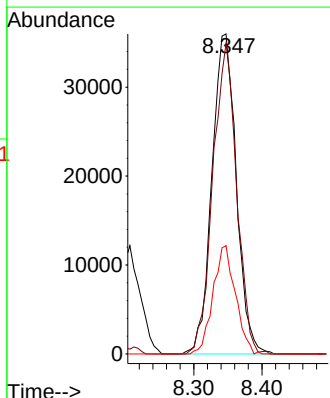
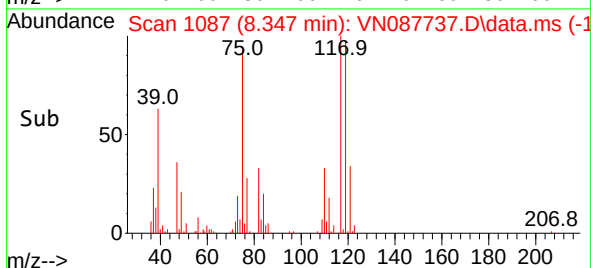
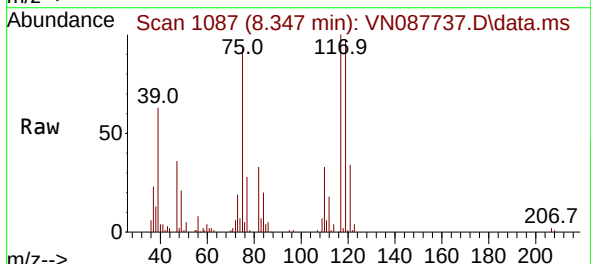


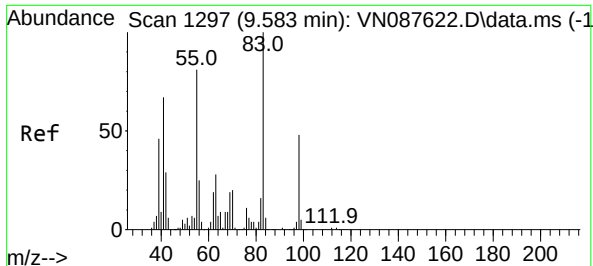
Tgt Ion: 43 Resp: 113952
Ion Ratio Lower Upper
43 100
61 12.1 9.3 13.9
70 9.0 7.0 10.6



#38
Carbon Tetrachloride
Concen: 19.575 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Tgt Ion: 117 Resp: 89372
Ion Ratio Lower Upper
117 100
119 97.1 79.0 118.6
121 33.9 25.0 37.6





#39

Methylcyclohexane

Concen: 17.875 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087737.D

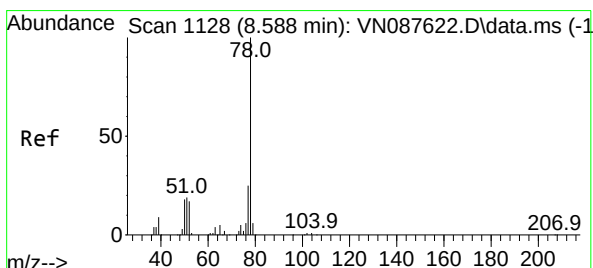
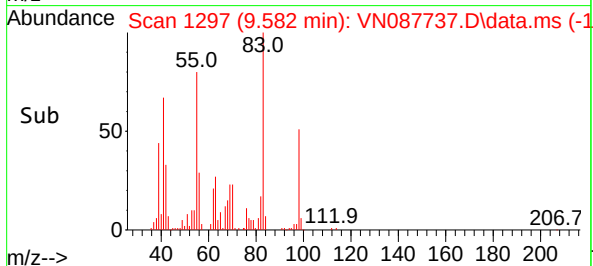
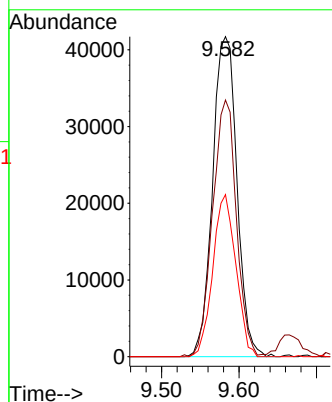
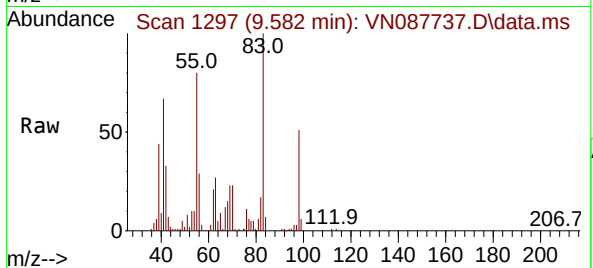
Acq: 05 Sep 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	83	Resp:	91004
Ion	Ratio	Lower	Upper
83	100		
55	80.2	64.6	96.8
98	50.6	38.4	57.6



#40

Benzene

Concen: 18.386 ug/l

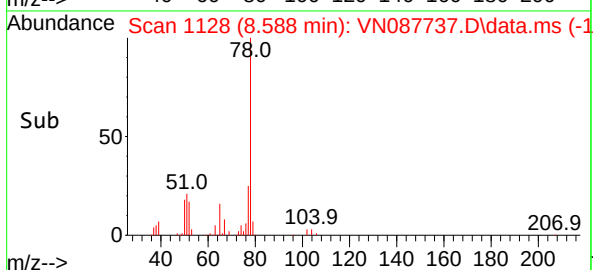
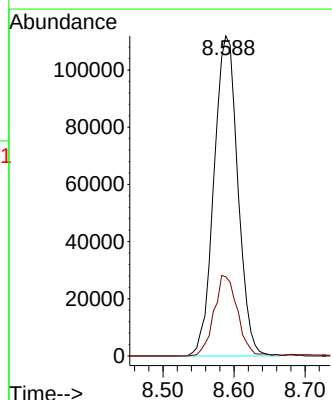
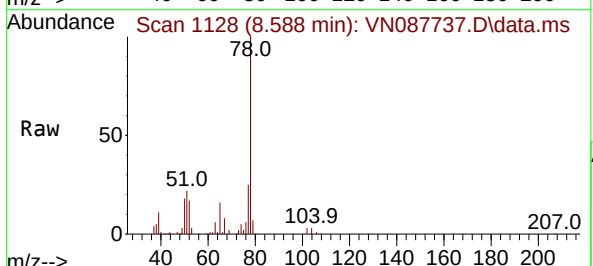
RT: 8.588 min Scan# 1128

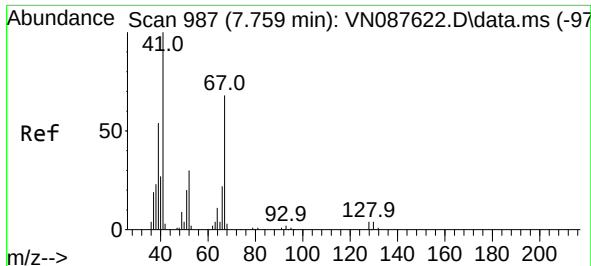
Delta R.T. -0.000 min

Lab File: VN087737.D

Acq: 05 Sep 2025 13:07

Tgt Ion:	78	Resp:	260773
Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.7	29.5

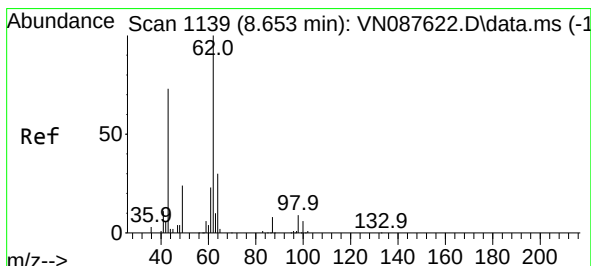
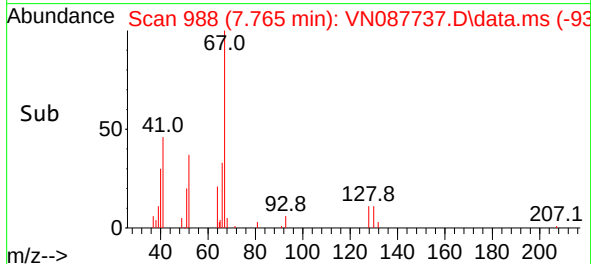
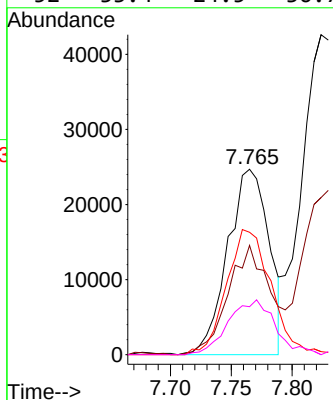
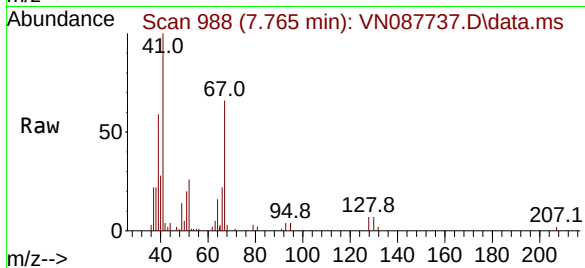




#41
Methacrylonitrile
Concen: 17.901 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

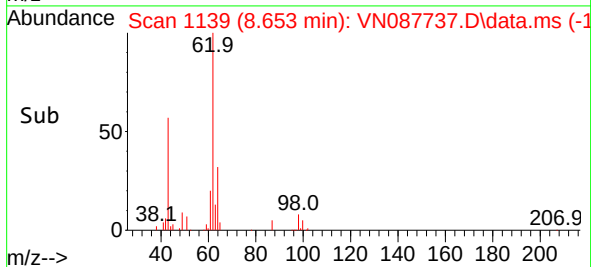
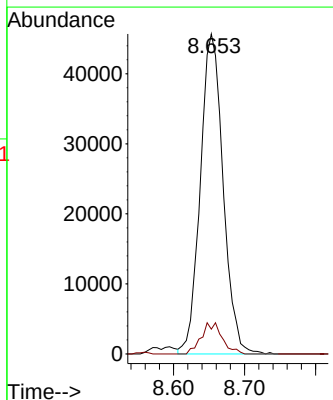
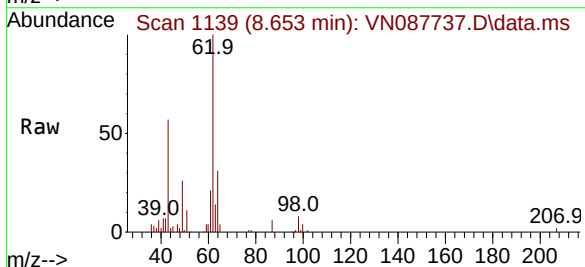
Instrument :
MSVOA_N
ClientSampleId :

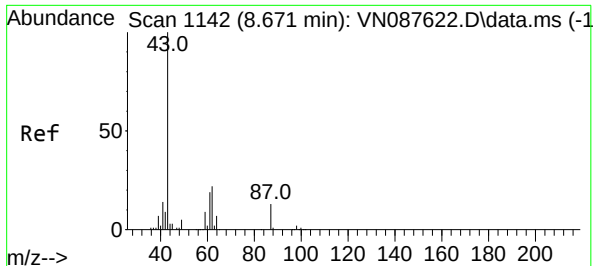
Tgt Ion:	41	Resp:	58595
Ion	Ratio	Lower	Upper
41	100		
39	60.7	45.4	68.0
67	72.6	55.3	82.9
52	33.4	24.5	36.7



#42
1,2-Dichloroethane
Concen: 18.737 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

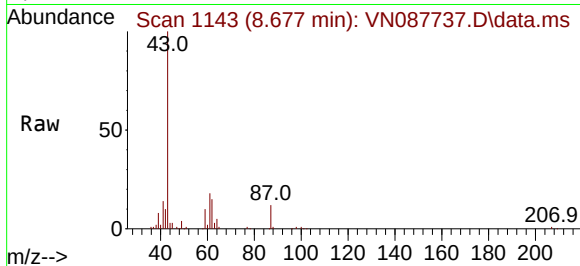
Tgt Ion:	62	Resp:	102122
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.4



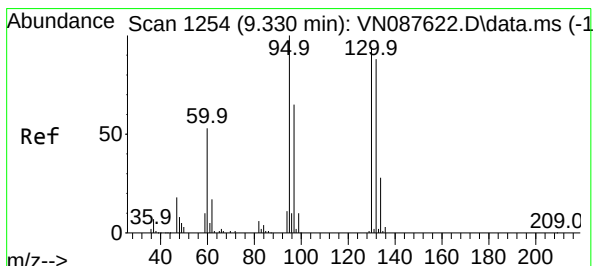
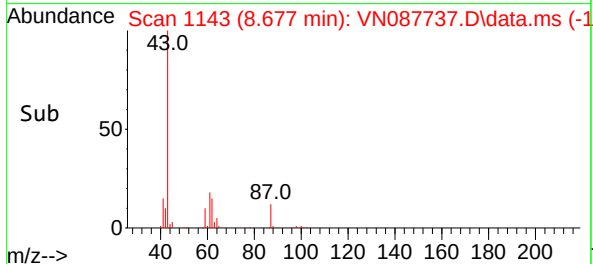
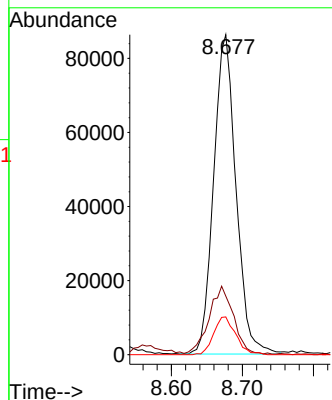


#43
Isopropyl Acetate
Concen: 19.062 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :

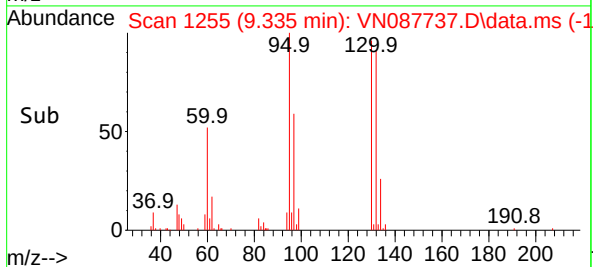
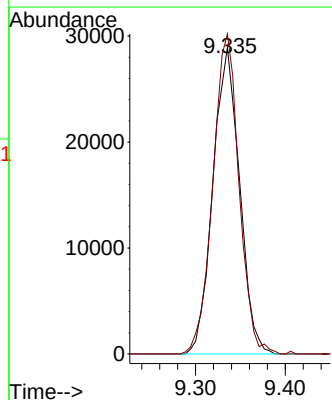
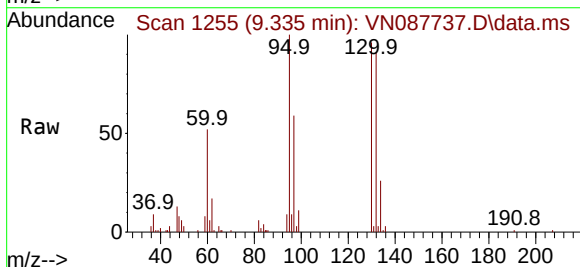


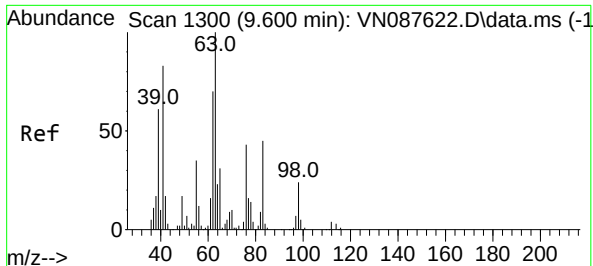
Tgt Ion: 43 Resp: 188058
Ion Ratio Lower Upper
43 100
61 23.4 18.8 28.2
87 11.7 9.6 14.4



#44
Trichloroethene
Concen: 18.378 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Tgt Ion:130 Resp: 59512
Ion Ratio Lower Upper
130 100
95 104.4 0.0 212.0





#45

1,2-Dichloropropane

Concen: 18.326 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087737.D

Acq: 05 Sep 2025 13:07

Instrument :

MSVOA_N

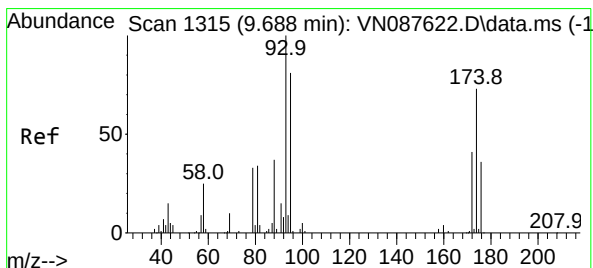
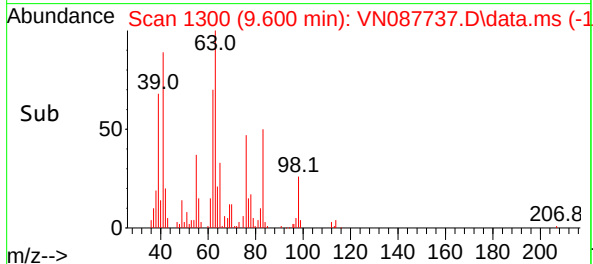
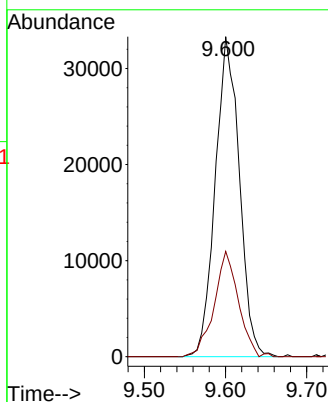
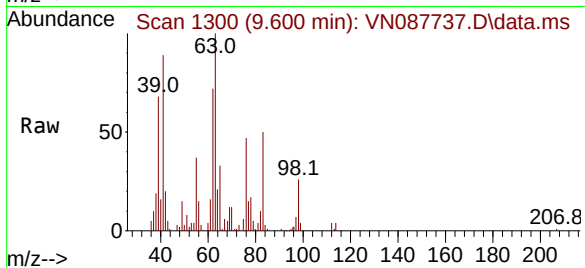
ClientSampleId :

Tgt Ion: 63 Resp: 68514

Ion Ratio Lower Upper

63 100

65 32.9 25.0 37.4



#46

Dibromomethane

Concen: 18.686 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087737.D

Acq: 05 Sep 2025 13:07

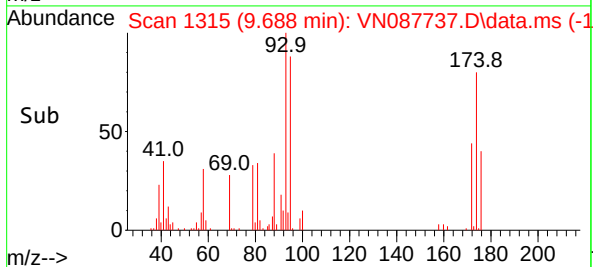
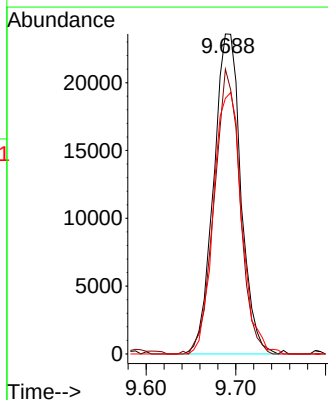
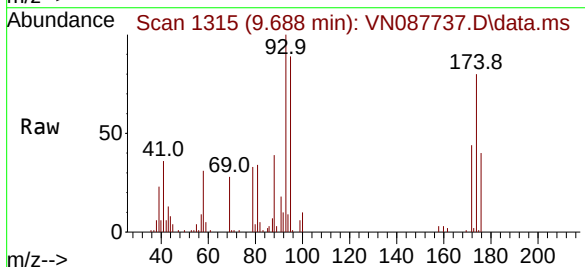
Tgt Ion: 93 Resp: 49712

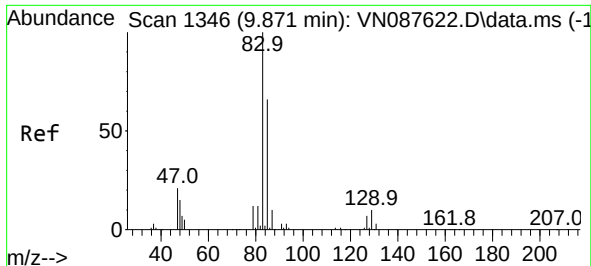
Ion Ratio Lower Upper

93 100

95 84.1 66.2 99.4

174 84.7 63.4 95.2

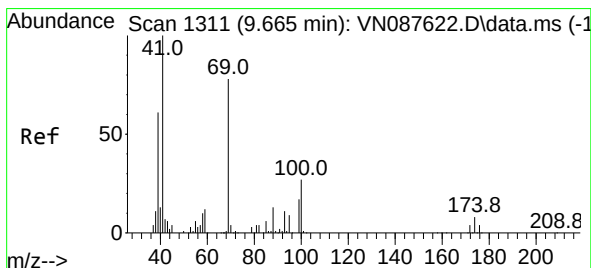
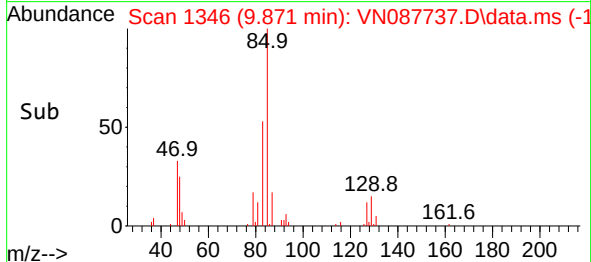
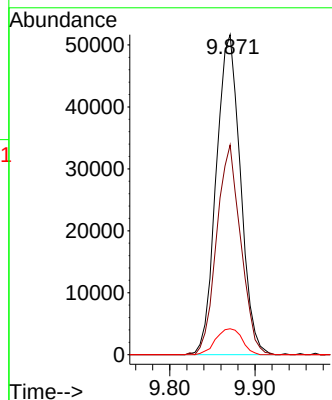
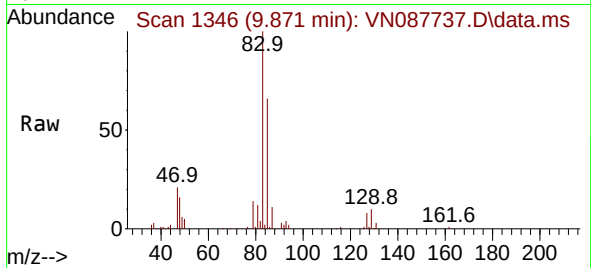




#47
Bromodichloromethane
Concen: 18.680 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

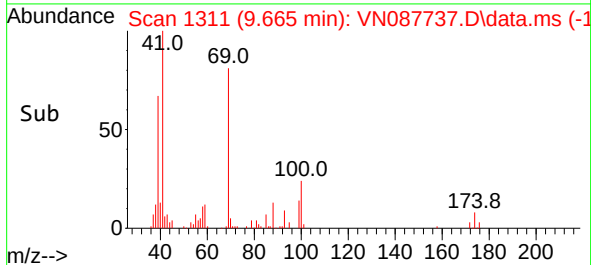
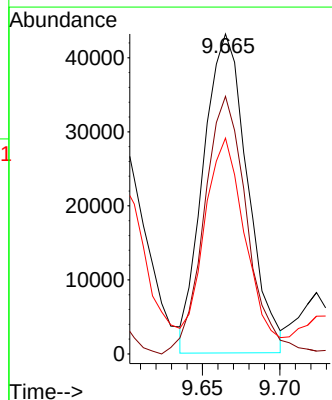
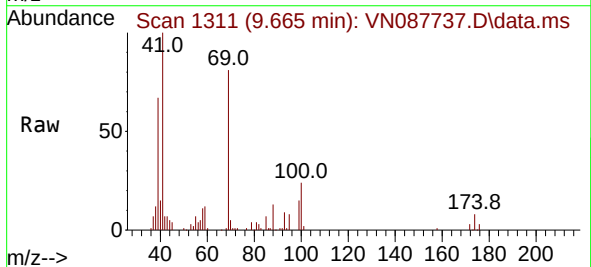
Instrument :
MSVOA_N
ClientSampleId :

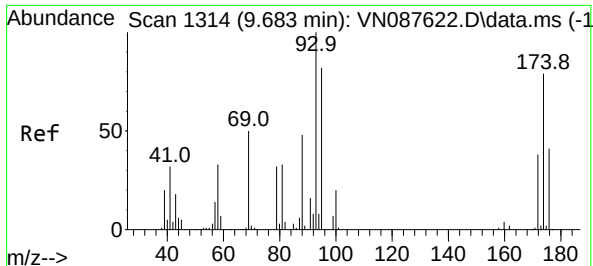
Tgt Ion: 83 Resp: 101850
Ion Ratio Lower Upper
83 100
85 65.5 52.5 78.7
127 8.1 5.8 8.6



#48
Methyl methacrylate
Concen: 18.261 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Tgt Ion: 41 Resp: 85214
Ion Ratio Lower Upper
41 100
69 79.4 62.7 94.1
39 63.4 52.9 79.3





#49

1,4-Dioxane

Concen: 461.412 ug/l

RT: 9.682 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087737.D

Acq: 05 Sep 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

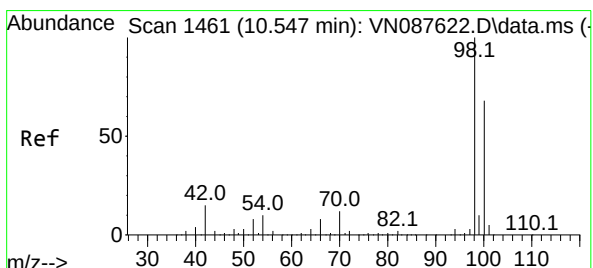
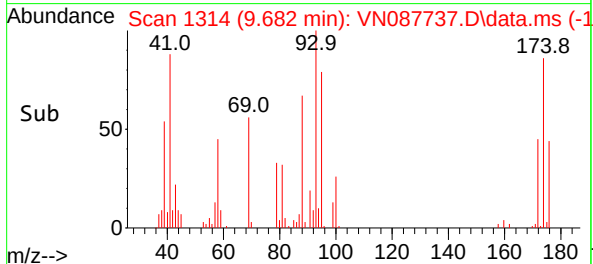
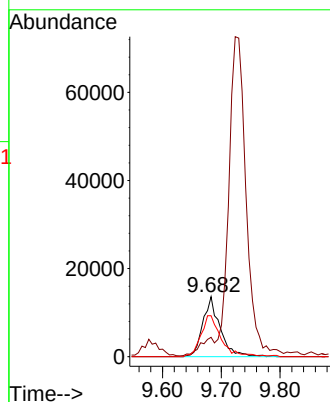
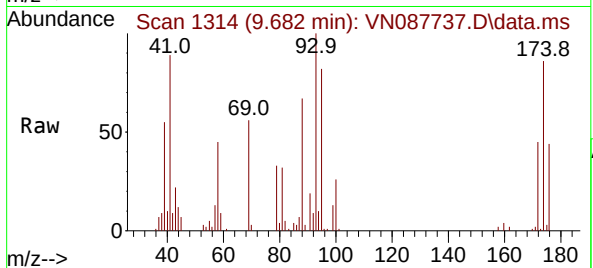
Tgt Ion: 88 Resp: 27908

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 78.5 57.9 86.9



#50

Toluene-d8

Concen: 46.424 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087737.D

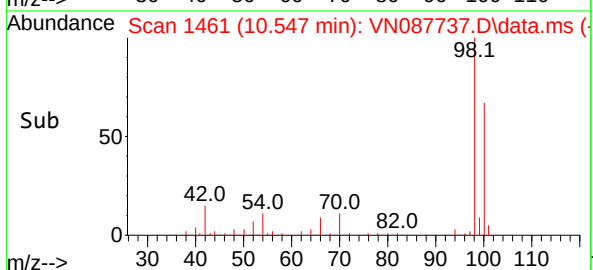
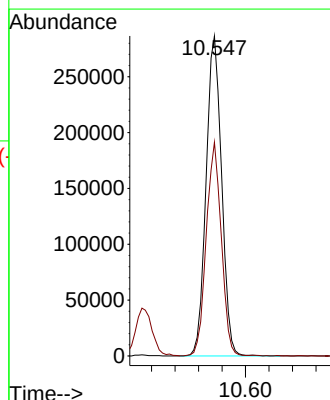
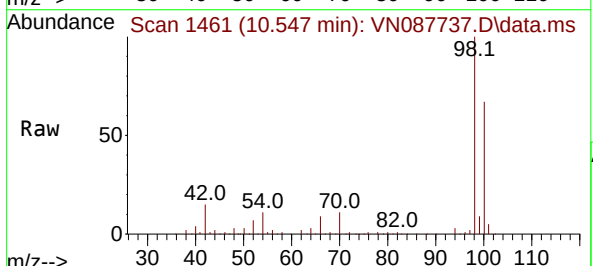
Acq: 05 Sep 2025 13:07

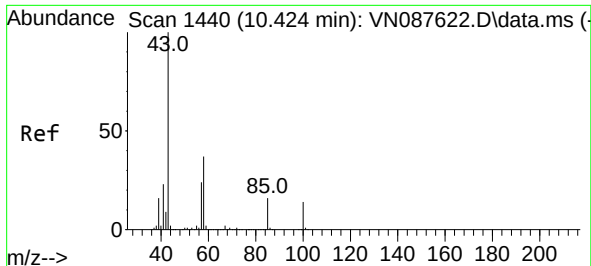
Tgt Ion: 98 Resp: 523750

Ion Ratio Lower Upper

98 100

100 64.6 52.8 79.2

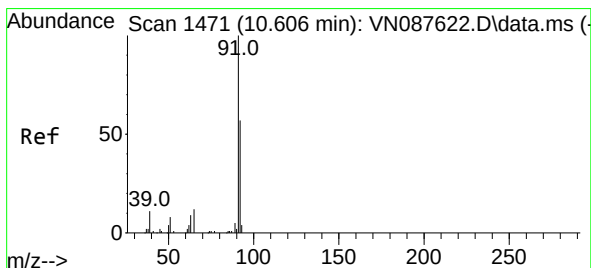
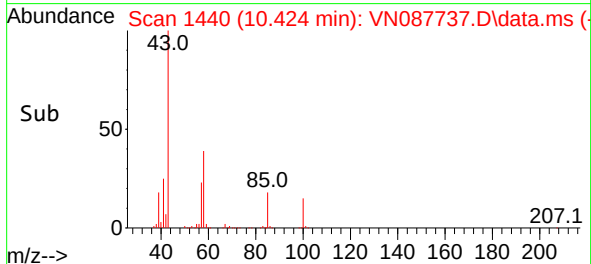
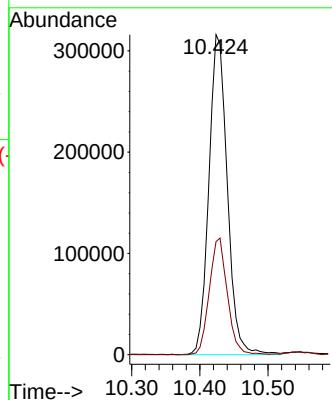
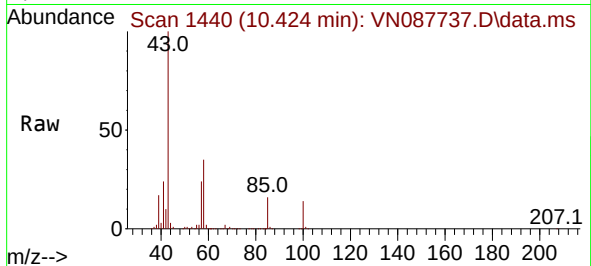




#51
4-Methyl-2-Pentanone
Concen: 99.957 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

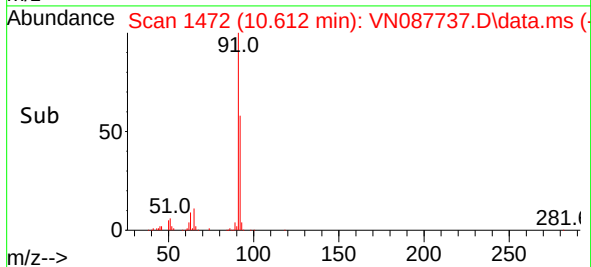
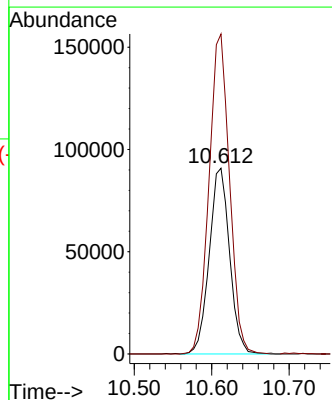
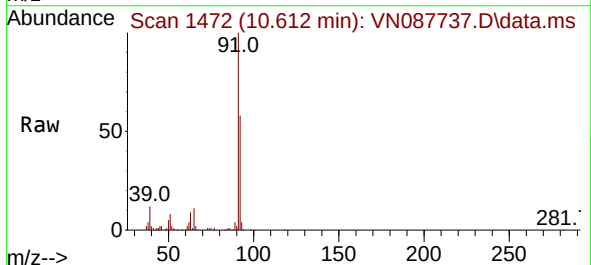
Instrument :
MSVOA_N
ClientSampleId :

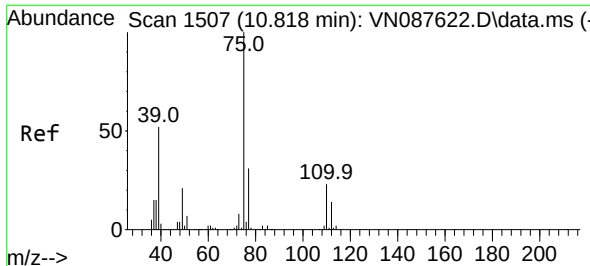
Tgt Ion: 43 Resp: 594976
Ion Ratio Lower Upper
43 100
58 35.6 29.6 44.4



#52
Toluene
Concen: 18.822 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Tgt Ion: 92 Resp: 165499
Ion Ratio Lower Upper
92 100
91 173.4 140.4 210.6

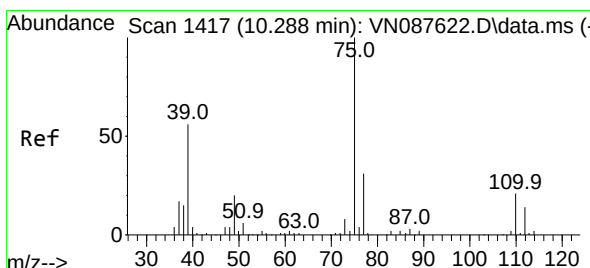
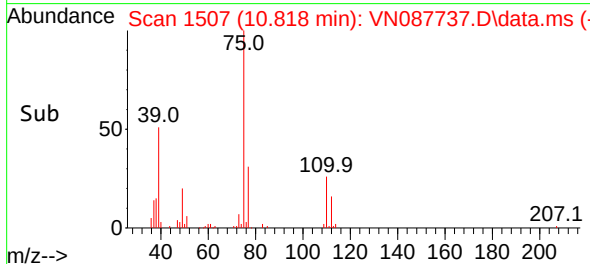
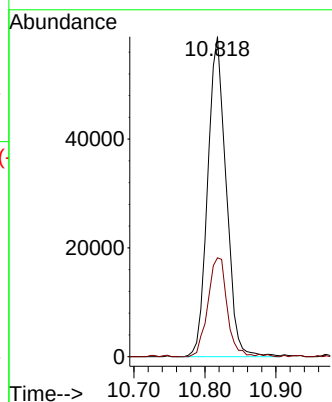
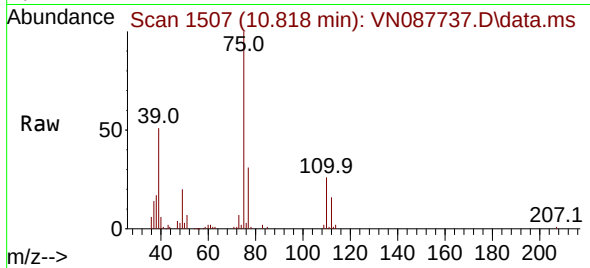




#53
t-1,3-Dichloropropene
Concen: 18.826 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

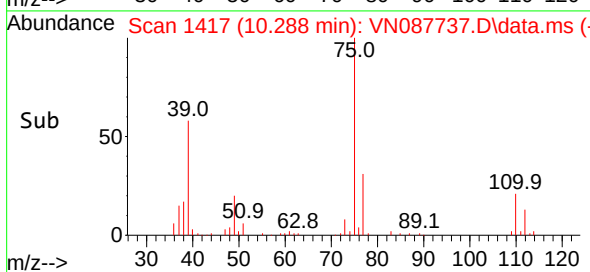
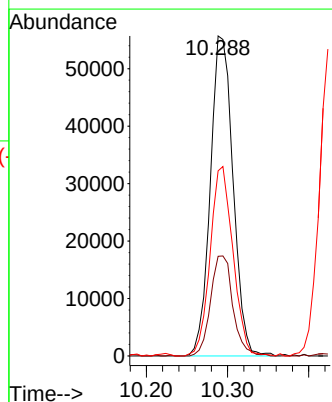
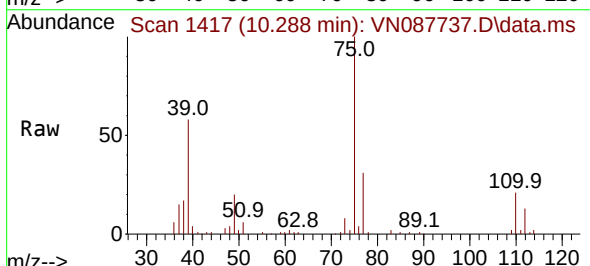
Instrument :
MSVOA_N
ClientSampleId :

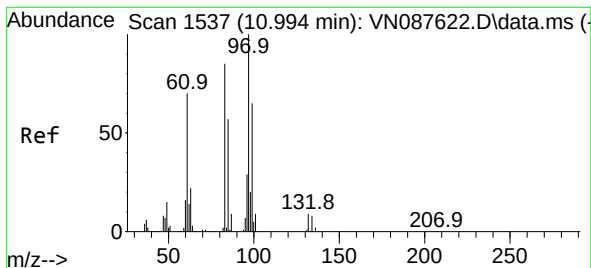
Tgt Ion: 75 Resp: 106250
Ion Ratio Lower Upper
75 100
77 30.9 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 18.498 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Tgt Ion: 75 Resp: 108400
Ion Ratio Lower Upper
75 100
77 31.1 24.6 37.0
39 57.9 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 19.902 ug/l

RT: 11.000 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087737.D

Acq: 05 Sep 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 67695

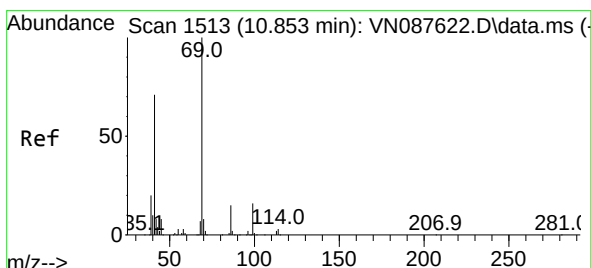
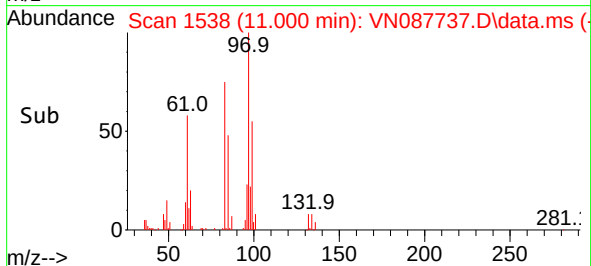
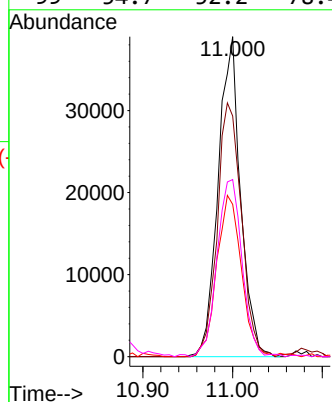
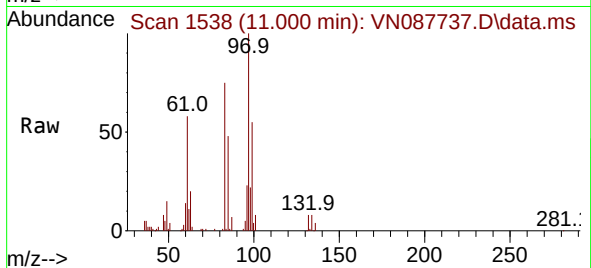
Ion Ratio Lower Upper

97 100

83 75.2 68.2 102.4

85 47.6 45.5 68.3

99 54.7 52.2 78.4



#56

Ethyl methacrylate

Concen: 18.649 ug/l

RT: 10.859 min Scan# 1514

Delta R.T. 0.006 min

Lab File: VN087737.D

Acq: 05 Sep 2025 13:07

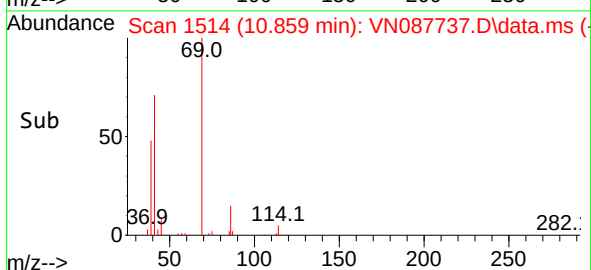
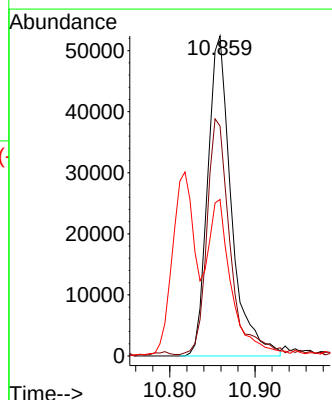
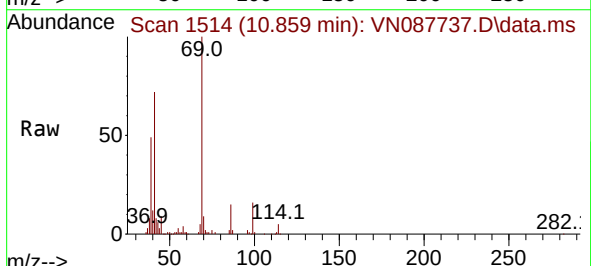
Tgt Ion: 69 Resp: 101374

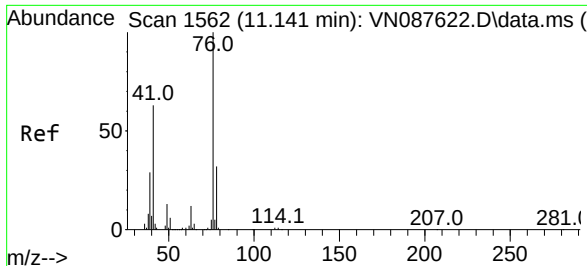
Ion Ratio Lower Upper

69 100

41 73.5 56.5 84.7

39 48.0 34.2 51.4





#57

1,3-Dichloropropane

Concen: 18.826 ug/l

RT: 11.147 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087737.D

Acq: 05 Sep 2025 13:07

Instrument :

MSVOA_N

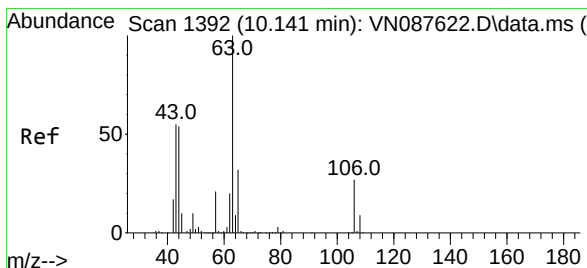
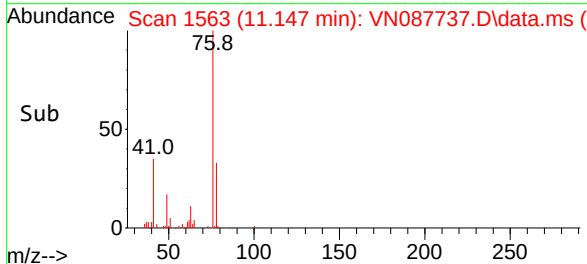
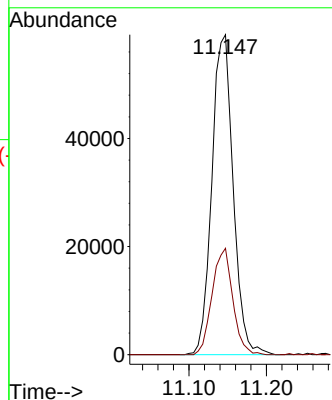
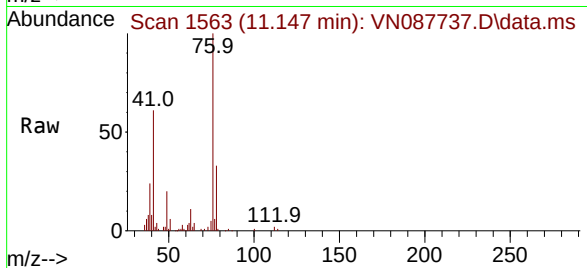
ClientSampleId :

Tgt Ion: 76 Resp: 113330

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 87.023 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087737.D

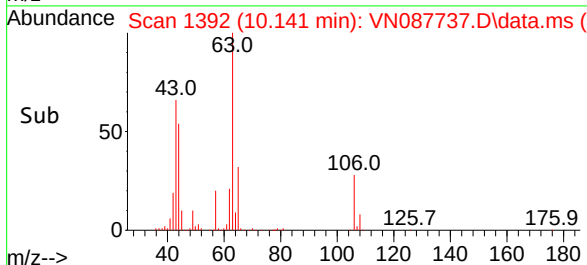
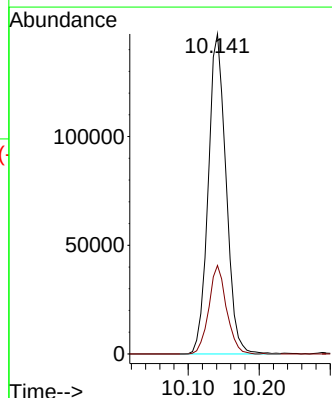
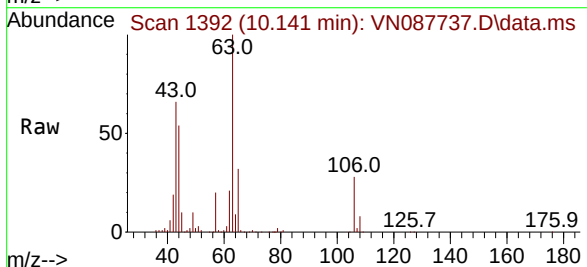
Acq: 05 Sep 2025 13:07

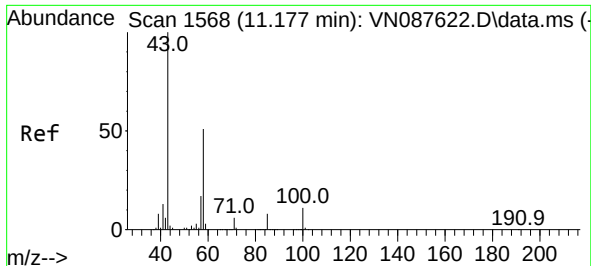
Tgt Ion: 63 Resp: 256041

Ion Ratio Lower Upper

63 100

106 27.5 21.1 31.7

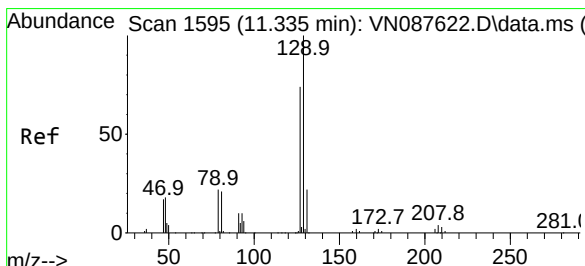
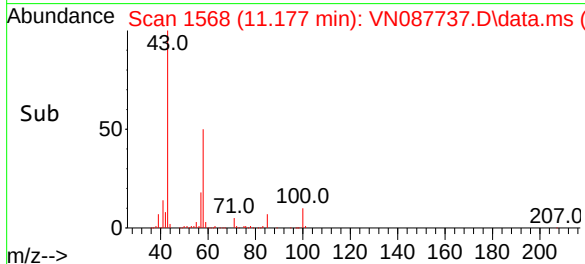
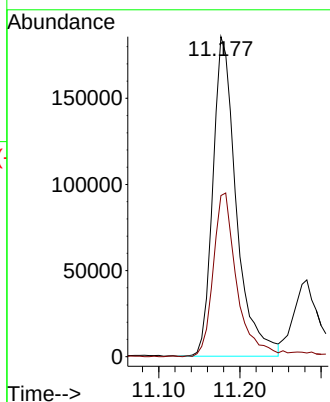
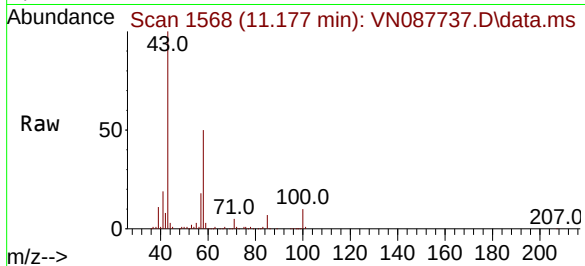




#59
2-Hexanone
Concen: 98.920 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

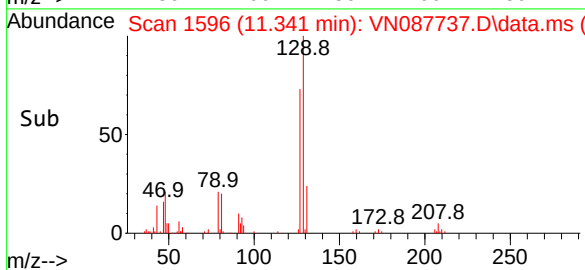
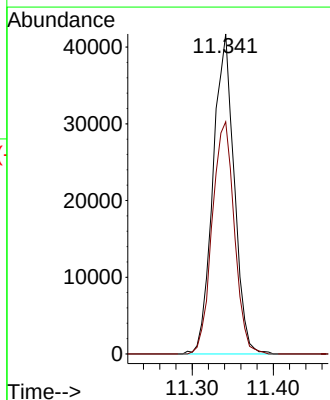
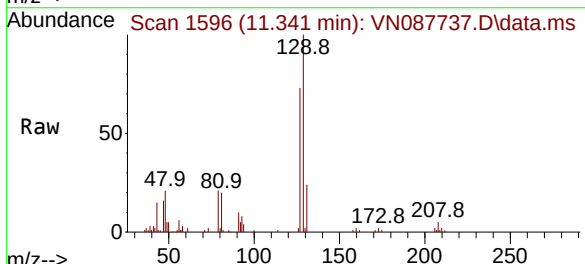
Instrument :
MSVOA_N
ClientSampleId :

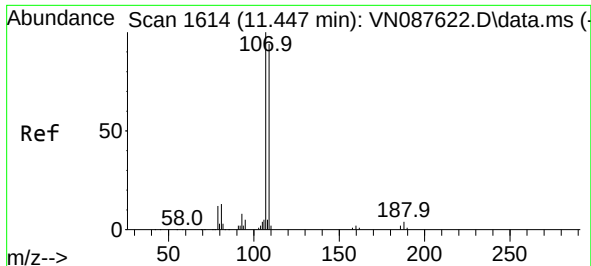
Tgt Ion: 43 Resp: 372123
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.8



#60
Dibromochloromethane
Concen: 19.169 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Tgt Ion: 129 Resp: 75552
Ion Ratio Lower Upper
129 100
127 75.8 39.1 117.3

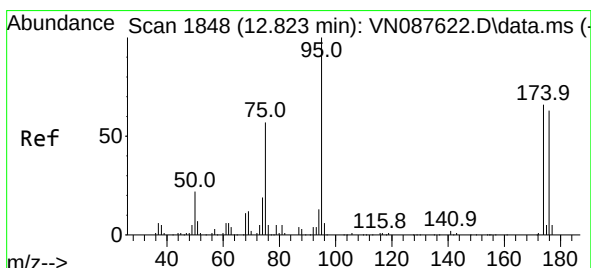
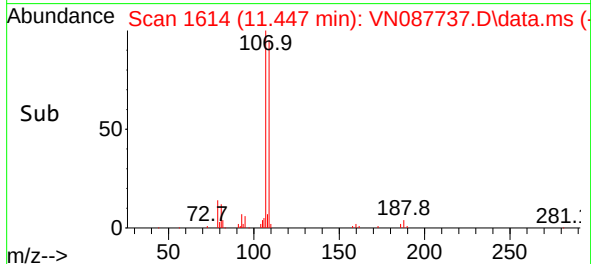
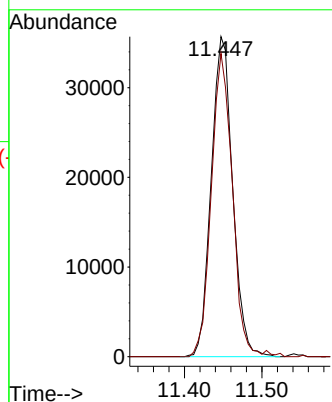
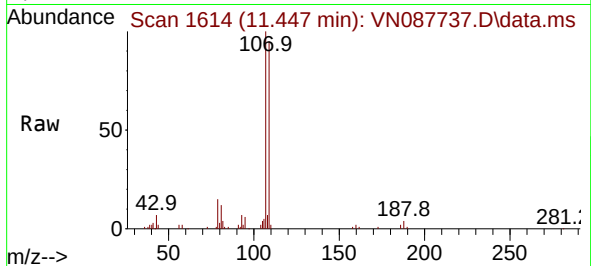




#61
1,2-Dibromoethane
Concen: 19.102 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

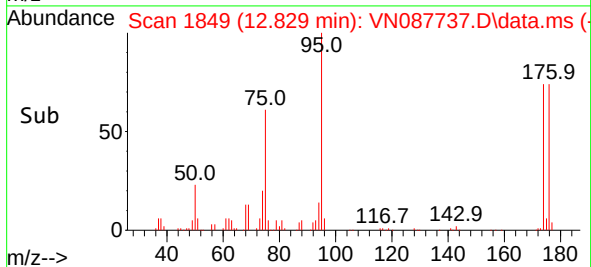
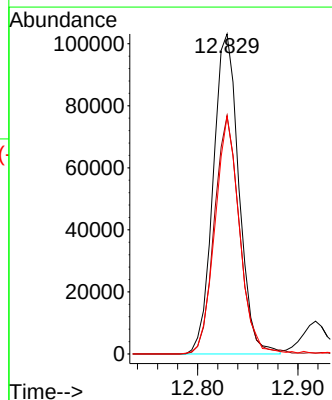
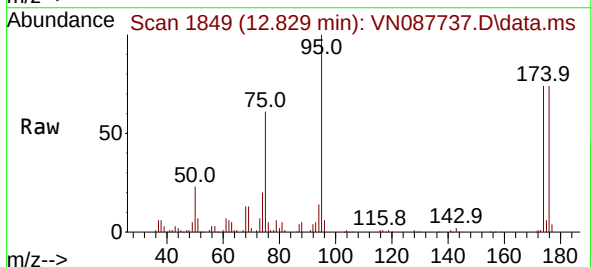
Instrument :
MSVOA_N
ClientSampleId :

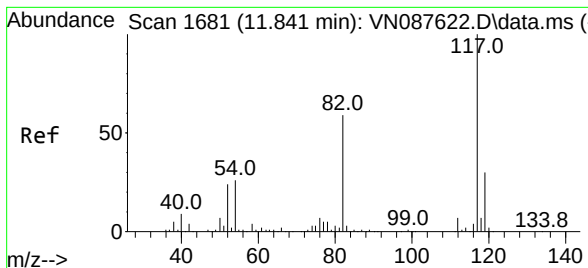
Tgt Ion:107 Resp: 68513
Ion Ratio Lower Upper
107 100
109 93.3 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 45.697 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Tgt Ion: 95 Resp: 183345
Ion Ratio Lower Upper
95 100
174 72.8 0.0 138.4
176 71.1 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: VN087737.D

Acq: 05 Sep 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

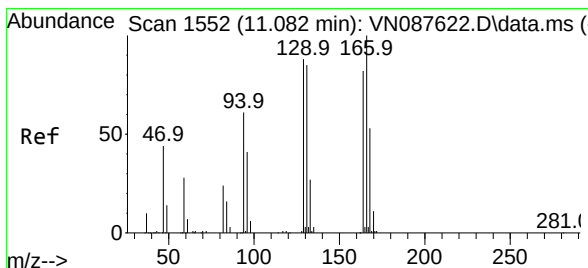
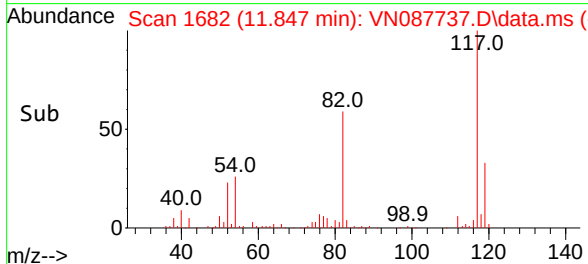
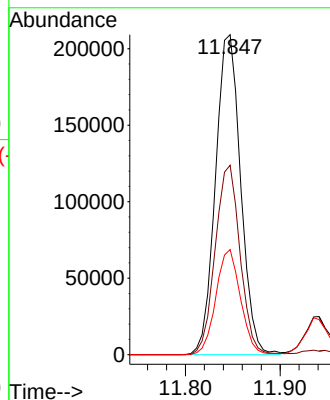
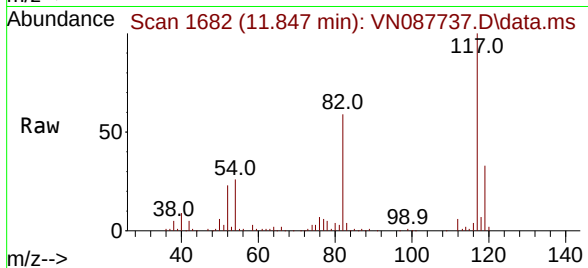
Tgt Ion:117 Resp: 386569

Ion Ratio Lower Upper

117 100

82 59.2 47.4 71.2

119 32.9 24.3 36.5



#64

Tetrachloroethene

Concen: 17.463 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.000 min

Lab File: VN087737.D

Acq: 05 Sep 2025 13:07

Tgt Ion:164 Resp: 46835

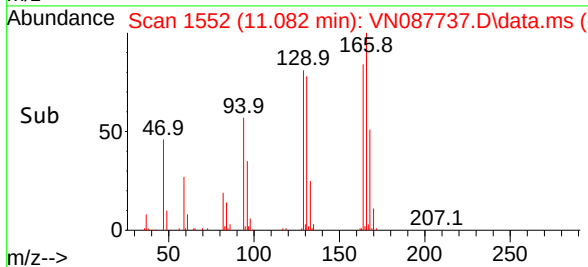
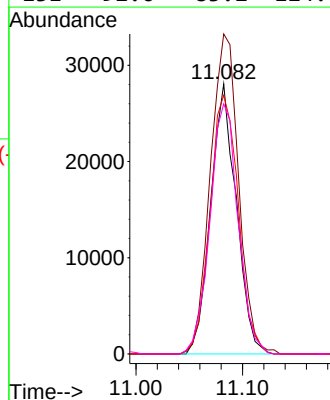
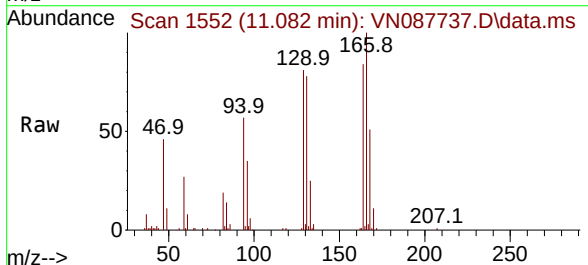
Ion Ratio Lower Upper

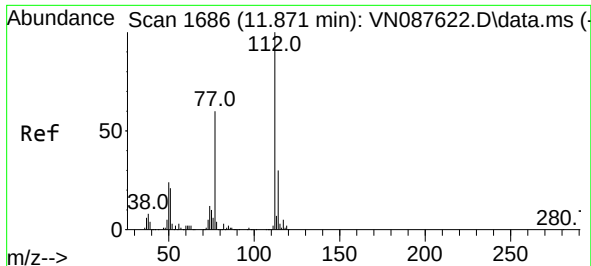
164 100

166 118.5 97.7 146.5

129 95.8 85.9 128.9

131 92.6 83.2 124.8

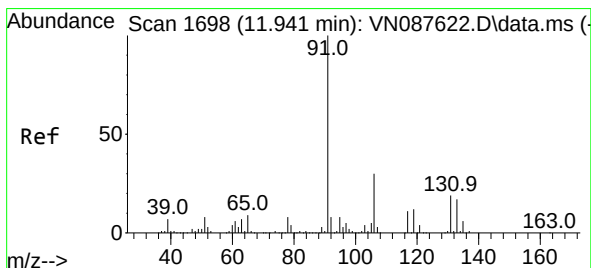
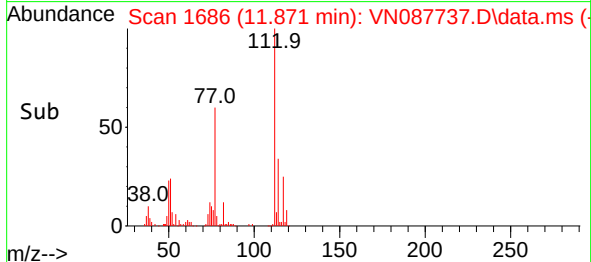
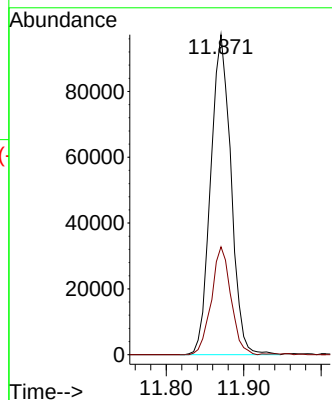
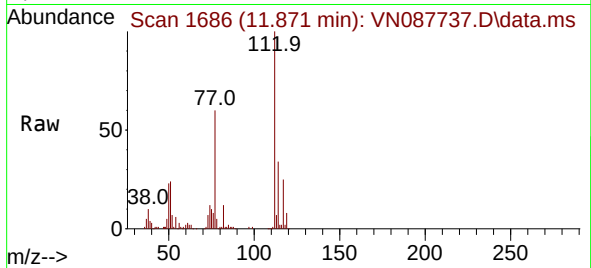




#65
Chlorobenzene
Concen: 18.385 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

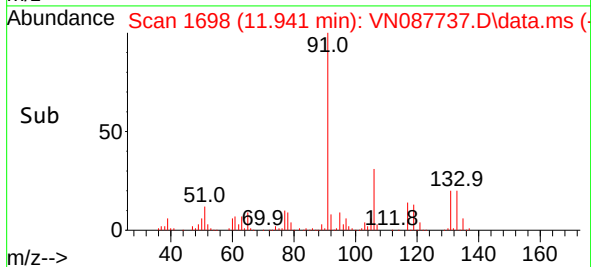
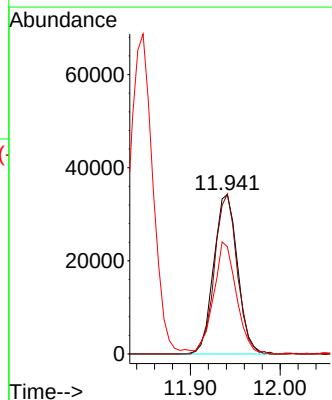
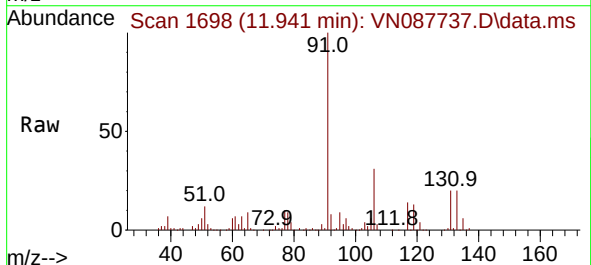
Instrument :
MSVOA_N
ClientSampleId :

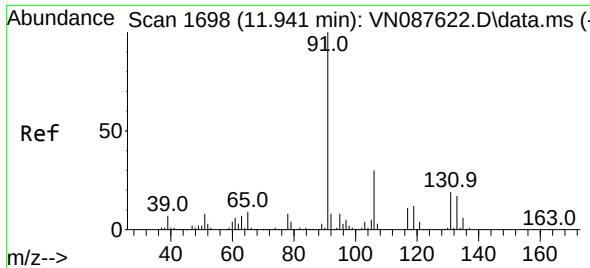
Tgt Ion:112 Resp: 176814
Ion Ratio Lower Upper
112 100
114 33.7 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.764 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Tgt Ion:131 Resp: 63103
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.0
119 67.5 32.6 97.7

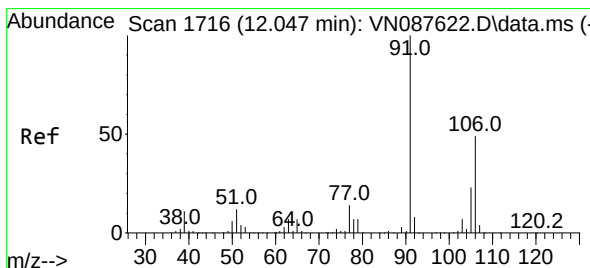
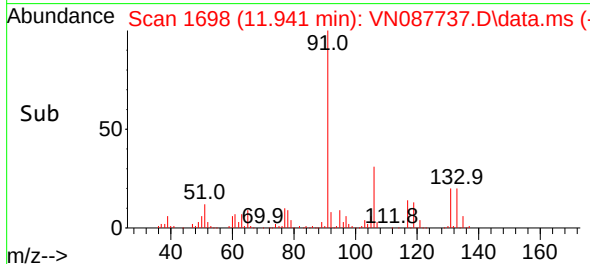
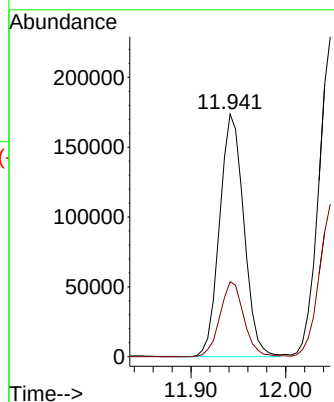
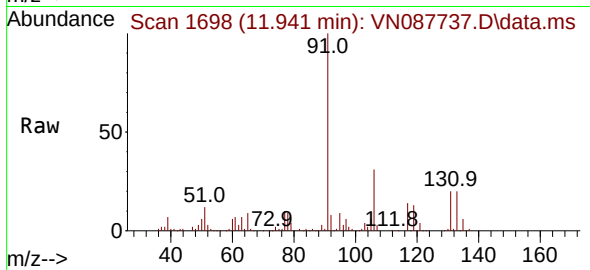




#67
Ethyl Benzene
Concen: 18.577 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

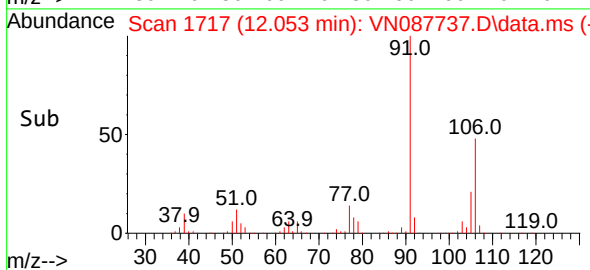
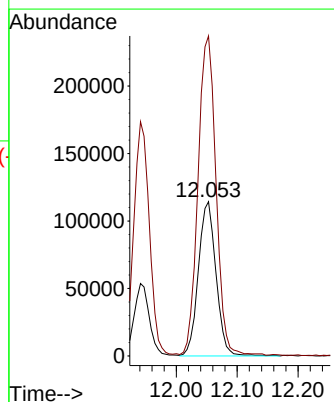
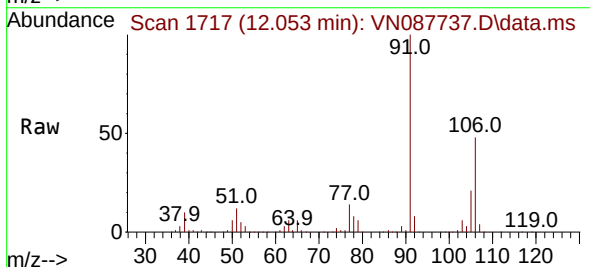
Instrument :
MSVOA_N
ClientSampleId :

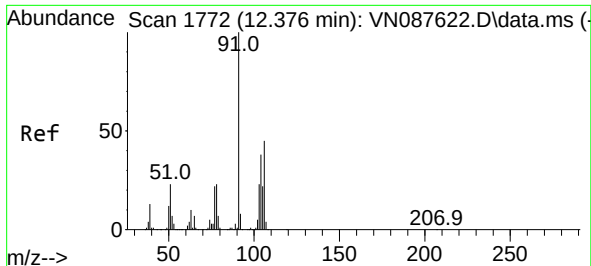
Tgt Ion: 91 Resp: 309330
Ion Ratio Lower Upper
91 100
106 30.9 24.1 36.1



#68
m/p-Xylenes
Concen: 37.618 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Tgt Ion:106 Resp: 229728
Ion Ratio Lower Upper
106 100
91 210.7 169.3 253.9

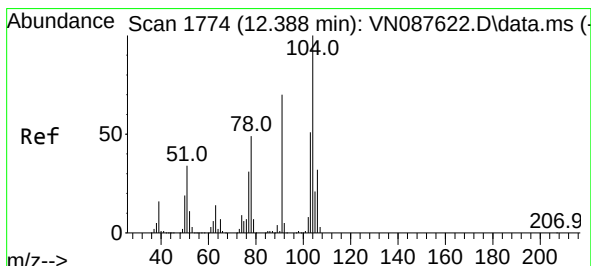
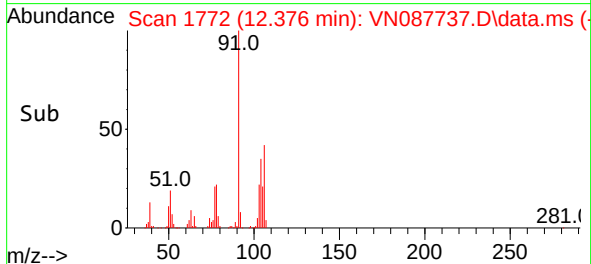
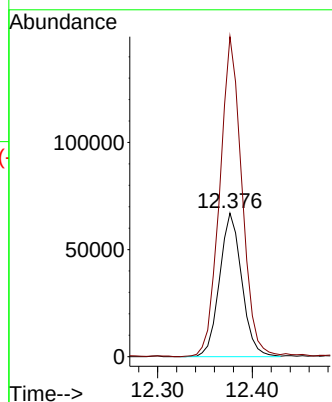
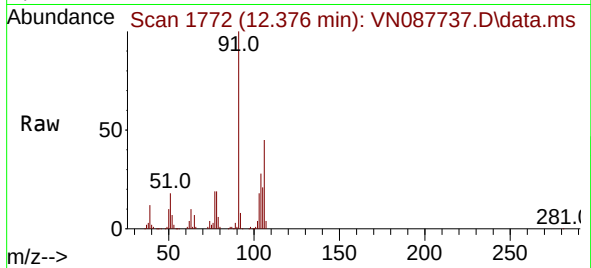




#69
o-Xylene
Concen: 18.268 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

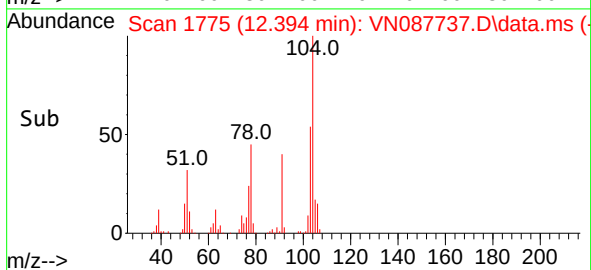
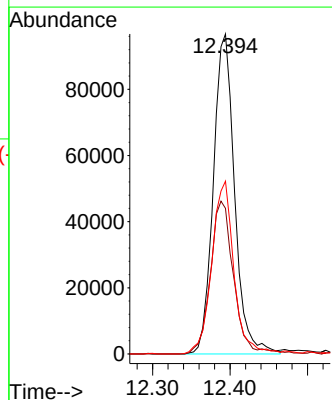
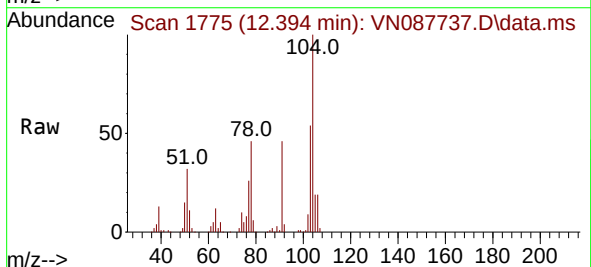
Instrument :
MSVOA_N
ClientSampleId :

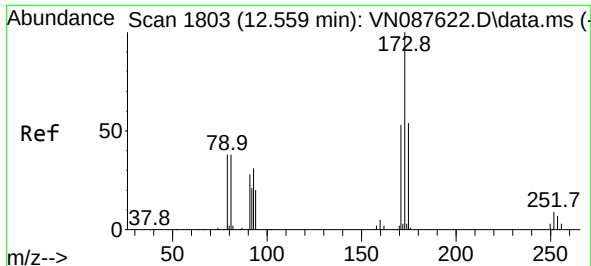
Tgt Ion:106 Resp: 109326
Ion Ratio Lower Upper
106 100
91 224.1 111.4 334.2



#70
Styrene
Concen: 18.385 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

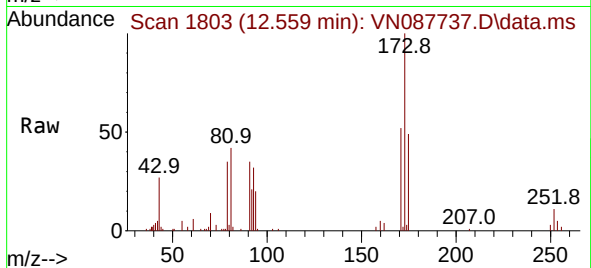
Tgt Ion:104 Resp: 184330
Ion Ratio Lower Upper
104 100
78 52.0 42.2 63.2
103 56.1 43.4 65.2



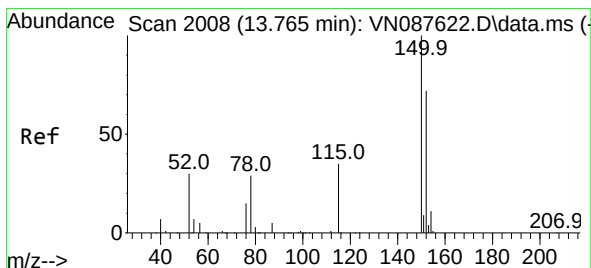
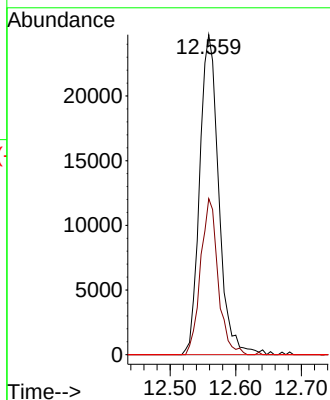
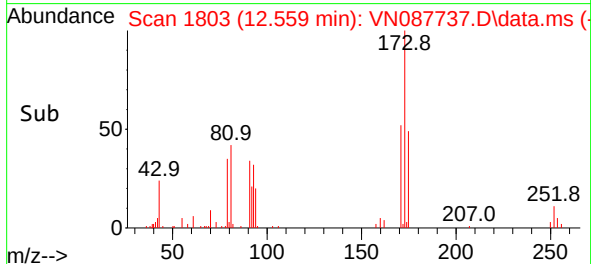


#71
Bromoform
Concen: 20.434 ug/l
RT: 12.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

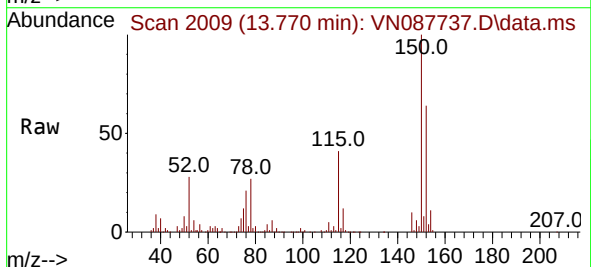
Instrument :
MSVOA_N
ClientSampleId :



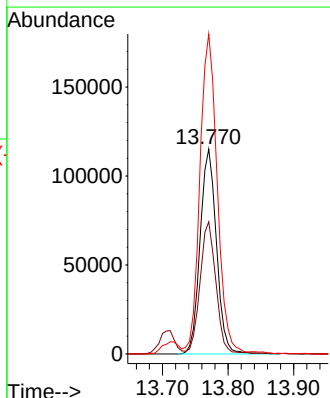
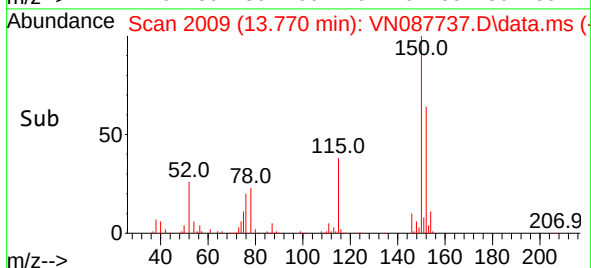
Tgt Ion:173 Resp: 50036
Ion Ratio Lower Upper
173 100
175 44.6 24.9 74.6
254 0.0 0.1 0.1#

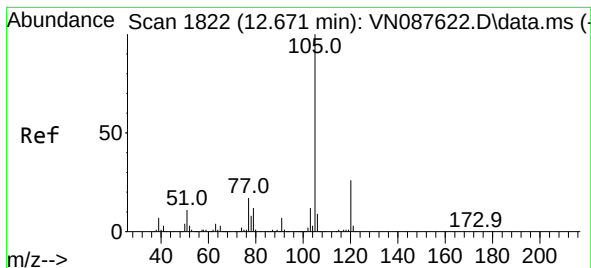


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07



Tgt Ion:152 Resp: 200325
Ion Ratio Lower Upper
152 100
115 61.6 32.3 96.8
150 165.2 0.0 351.0





#73

Isopropylbenzene

Concen: 17.742 ug/l

RT: 12.676 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VN087737.D

Acq: 05 Sep 2025 13:07

Instrument :

MSVOA_N

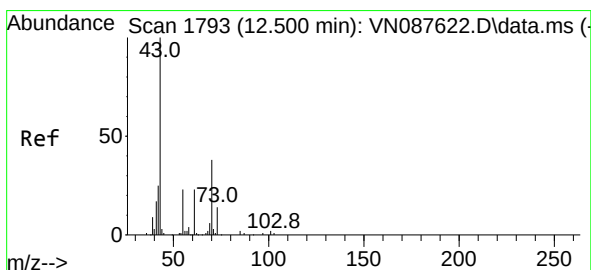
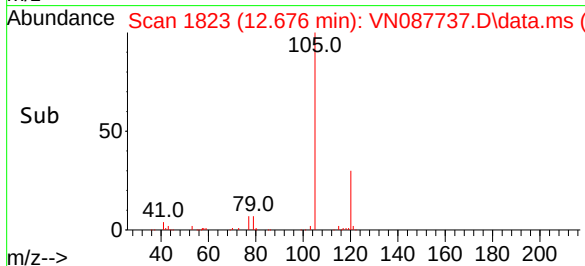
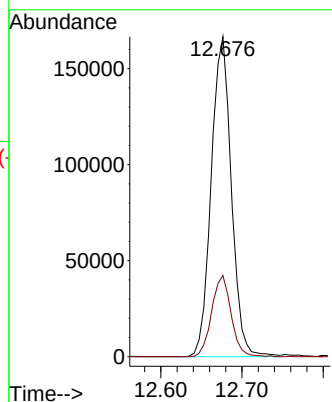
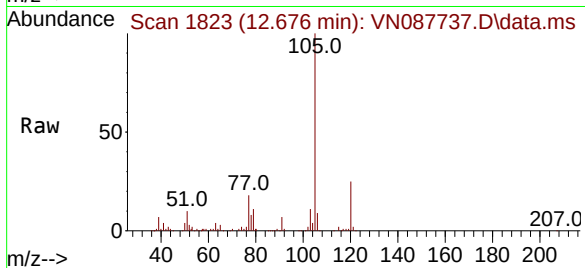
ClientSampleId :

Tgt Ion:105 Resp: 287199

Ion Ratio Lower Upper

105 100

120 24.4 12.8 38.3



#74

N-ethyl acetate

Concen: 1.264 ug/l

RT: 12.529 min Scan# 1798

Delta R.T. 0.029 min

Lab File: VN087737.D

Acq: 05 Sep 2025 13:07

Tgt Ion: 43 Resp: 7757

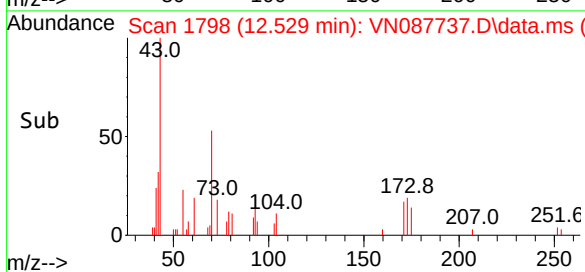
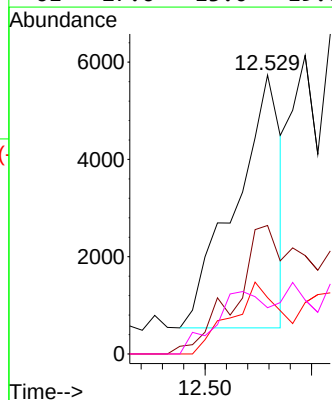
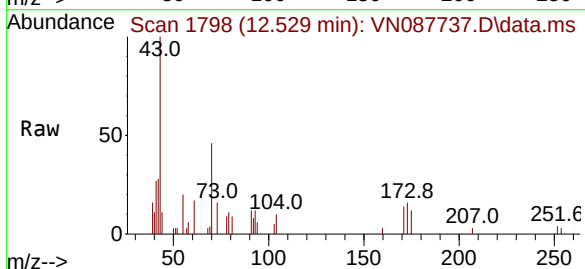
Ion Ratio Lower Upper

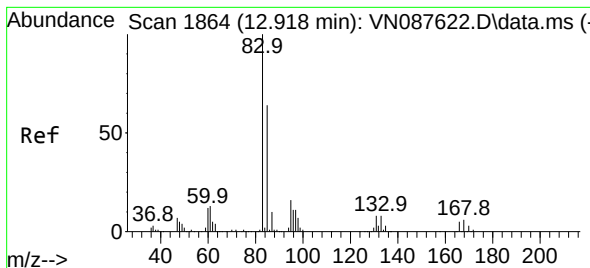
43 100

70 92.6 27.6 41.4#

55 30.4 13.0 19.6#

61 27.6 13.0 19.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.618 ug/l

RT: 12.918 min Scan# 1864

Delta R.T. -0.000 min

Lab File: VN087737.D

Acq: 05 Sep 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

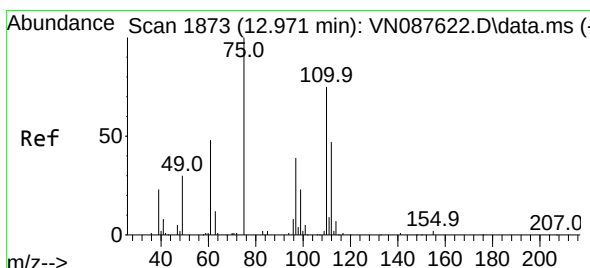
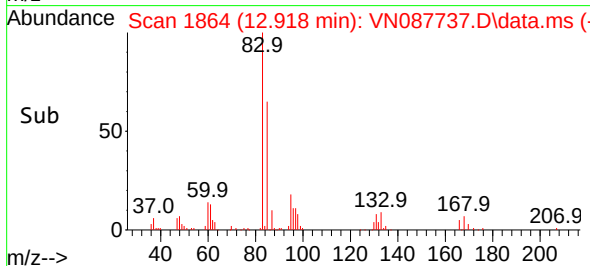
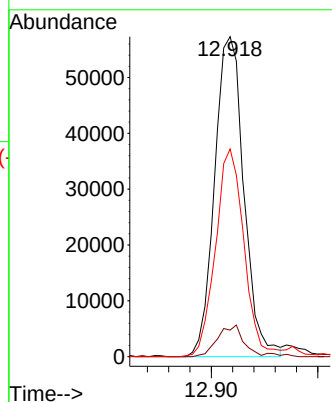
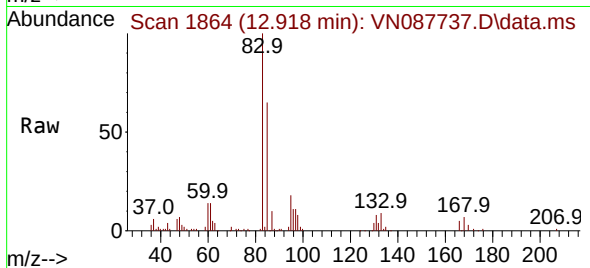
Tgt Ion: 83 Resp: 109332

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.4

85 63.0 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 29.028 ug/l

RT: 12.970 min Scan# 1873

Delta R.T. -0.000 min

Lab File: VN087737.D

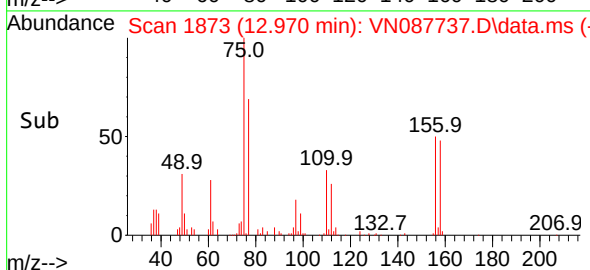
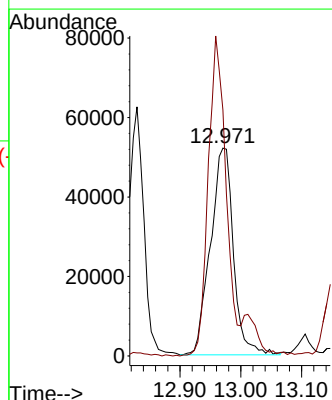
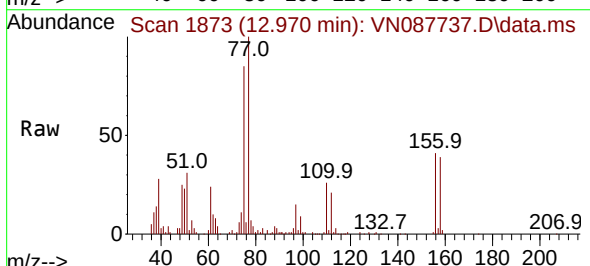
Acq: 05 Sep 2025 13:07

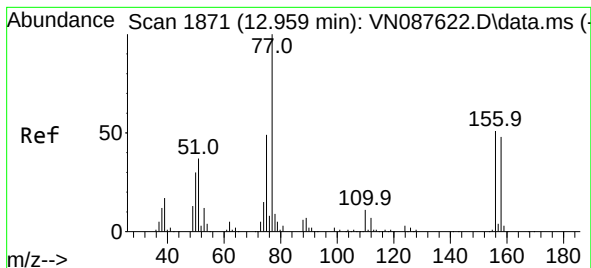
Tgt Ion: 75 Resp: 136365

Ion Ratio Lower Upper

75 100

77 120.4 89.1 267.4





#77

Bromobenzene

Concen: 17.913 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087737.D

Acq: 05 Sep 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

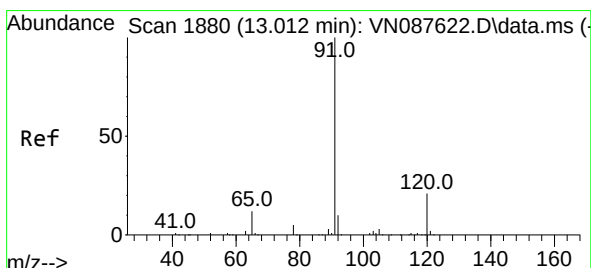
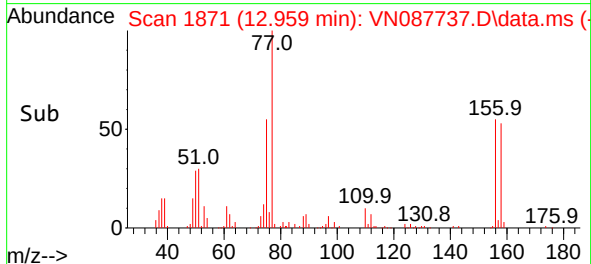
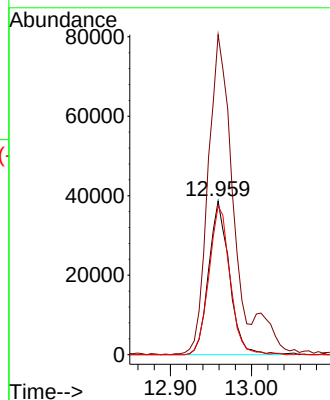
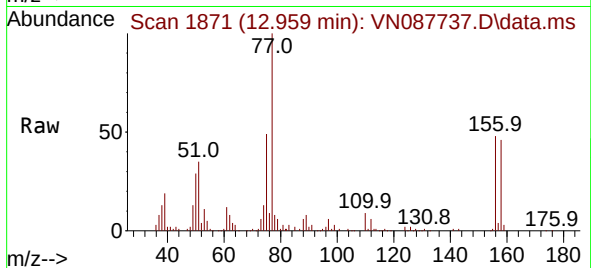
Tgt Ion:156 Resp: 68371

Ion Ratio Lower Upper

156 100

77 240.2 119.3 358.0

158 98.3 48.2 144.6



#78

n-propylbenzene

Concen: 18.847 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN087737.D

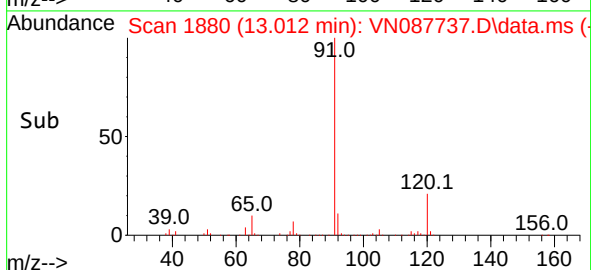
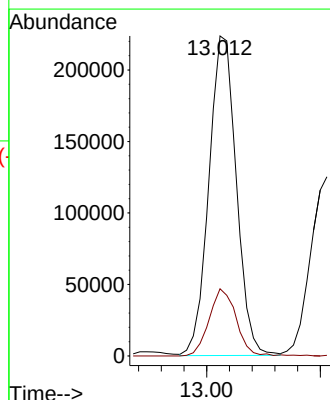
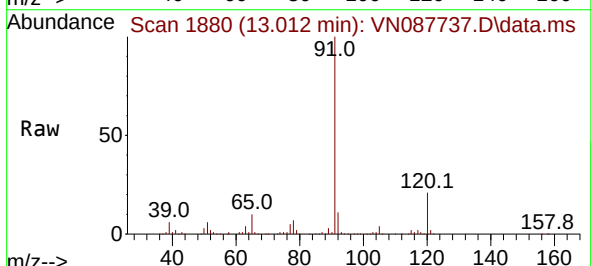
Acq: 05 Sep 2025 13:07

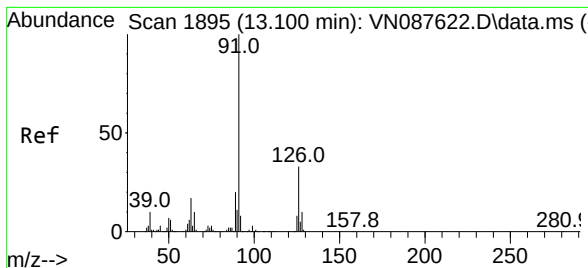
Tgt Ion: 91 Resp: 375789

Ion Ratio Lower Upper

91 100

120 20.8 10.7 32.1





#79

2-Chlorotoluene

Concen: 18.109 ug/l

RT: 13.106 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VN087737.D

Acq: 05 Sep 2025 13:07

Instrument :

MSVOA_N

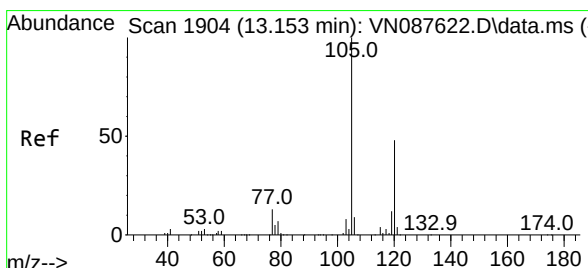
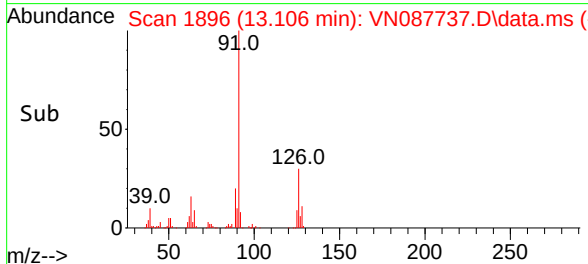
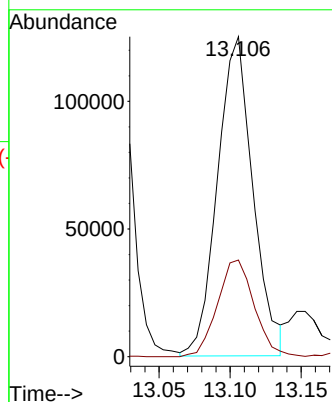
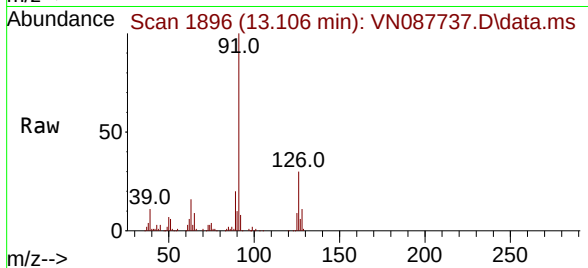
ClientSampleId :

Tgt Ion: 91 Resp: 217287

Ion Ratio Lower Upper

91 100

126 31.4 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 17.838 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VN087737.D

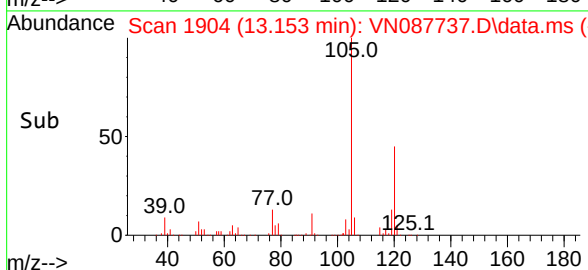
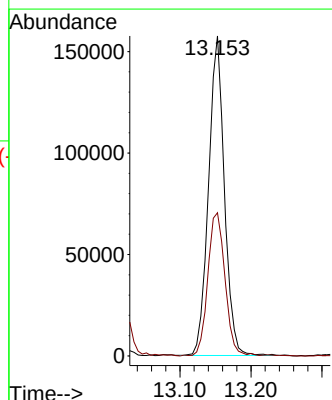
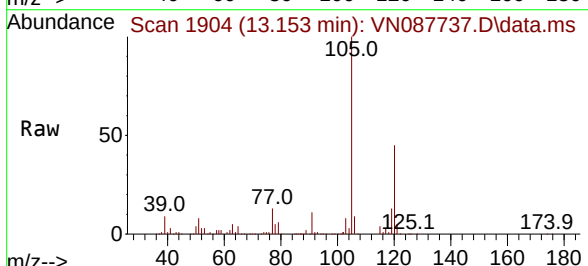
Acq: 05 Sep 2025 13:07

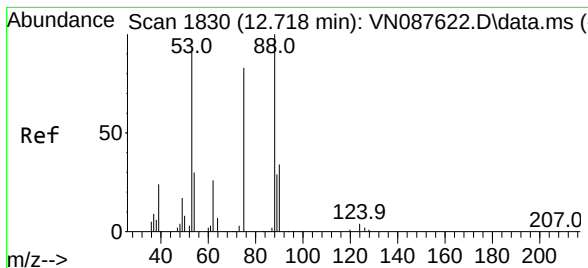
Tgt Ion: 105 Resp: 244959

Ion Ratio Lower Upper

105 100

120 48.5 23.2 69.6

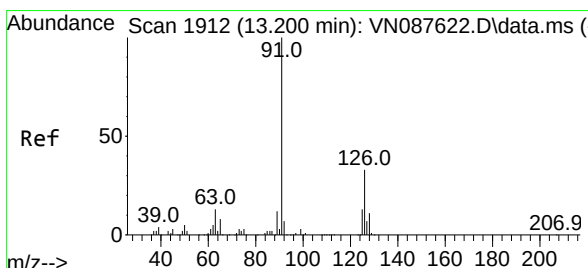
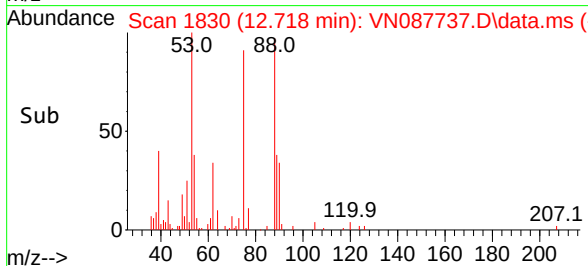
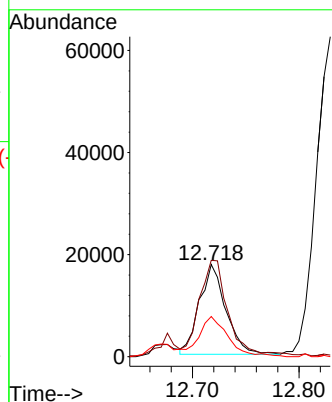
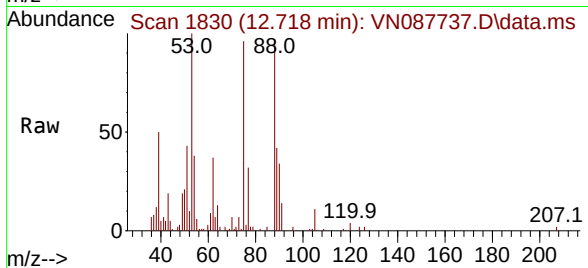




#81
trans-1,4-Dichloro-2-butene
Concen: 17.148 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

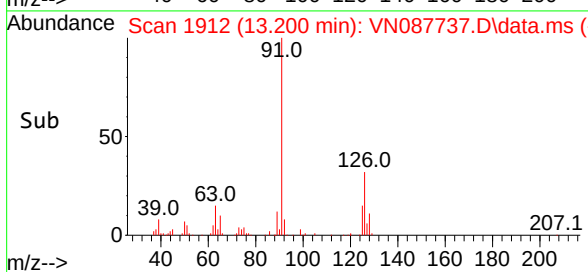
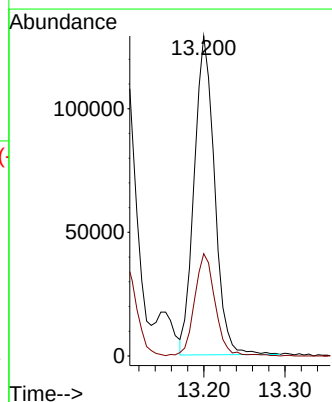
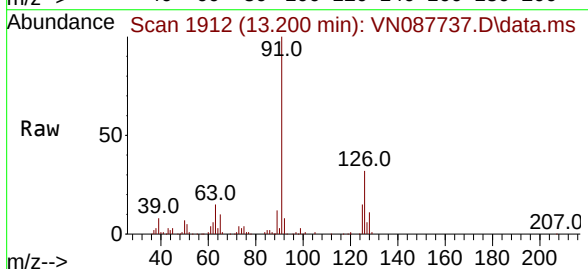
Instrument :
MSVOA_N
ClientSampleId :

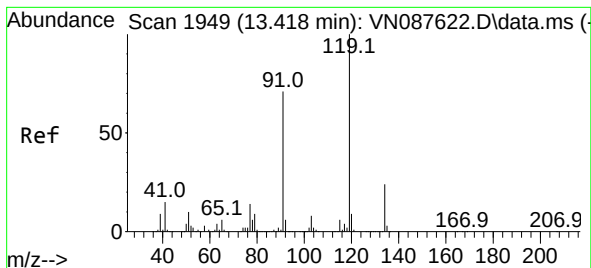
Tgt Ion: 75 Resp: 30428
Ion Ratio Lower Upper
75 100
53 115.5 101.8 152.6
89 47.7 35.6 53.4



#82
4-Chlorotoluene
Concen: 17.814 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Tgt Ion: 91 Resp: 224742
Ion Ratio Lower Upper
91 100
126 32.6 15.6 46.8





#83

tert-Butylbenzene

Concen: 18.273 ug/l

RT: 13.418 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VN087737.D

Acq: 05 Sep 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

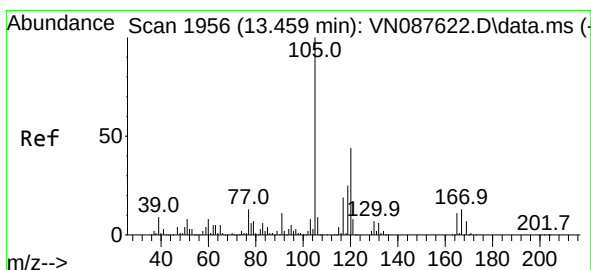
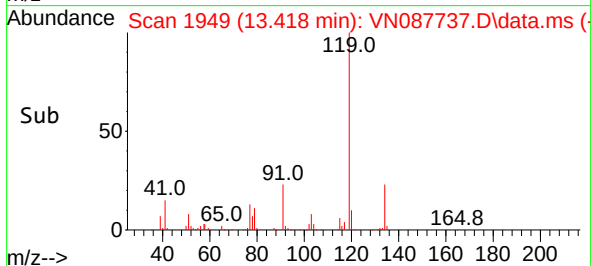
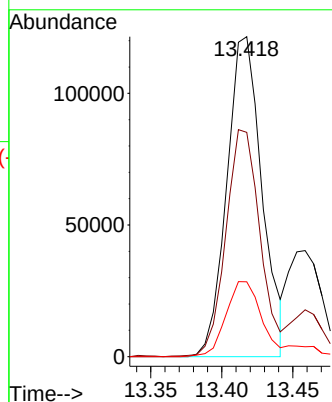
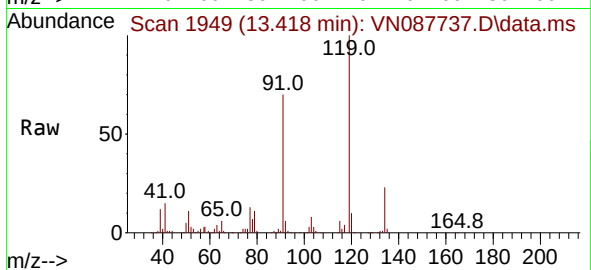
Tgt Ion:119 Resp: 209109

Ion Ratio Lower Upper

119 100

91 69.0 35.0 105.0

134 24.8 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 18.374 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN087737.D

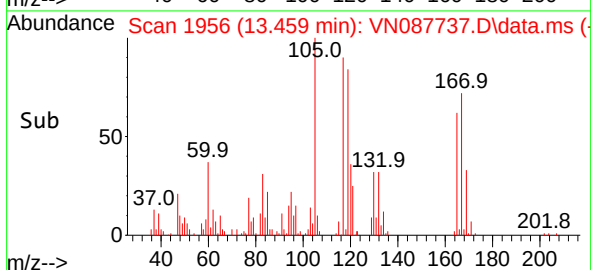
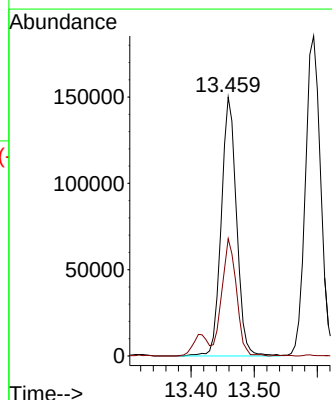
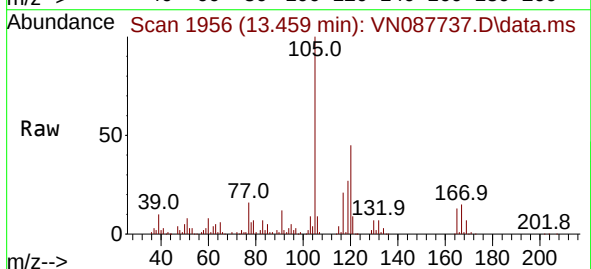
Acq: 05 Sep 2025 13:07

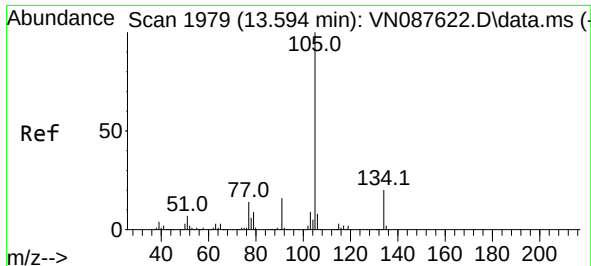
Tgt Ion:105 Resp: 252583

Ion Ratio Lower Upper

105 100

120 43.7 22.0 66.0

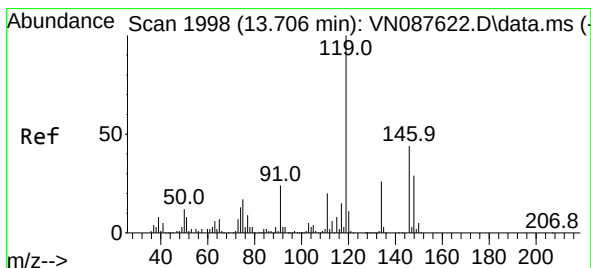
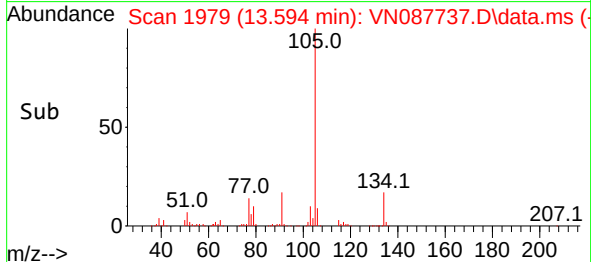
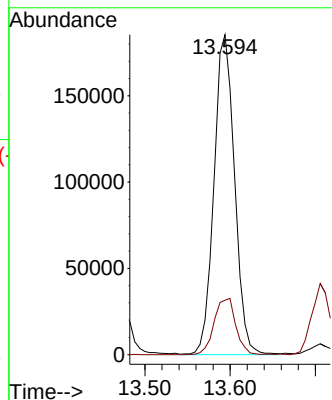
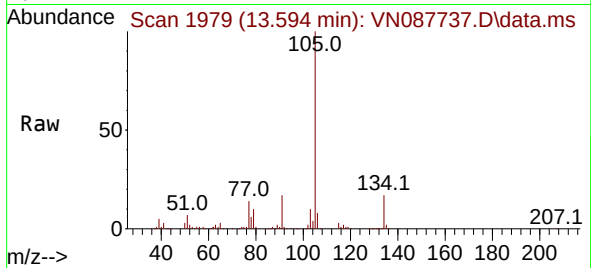




#85
 sec-Butylbenzene
 Concen: 18.381 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087737.D
 Acq: 05 Sep 2025 13:07

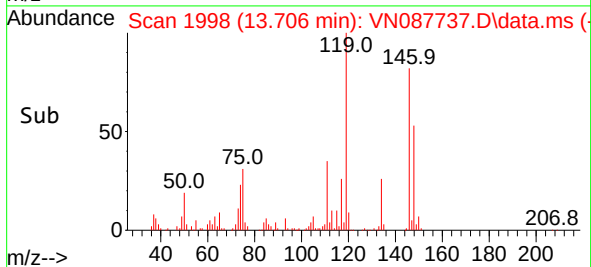
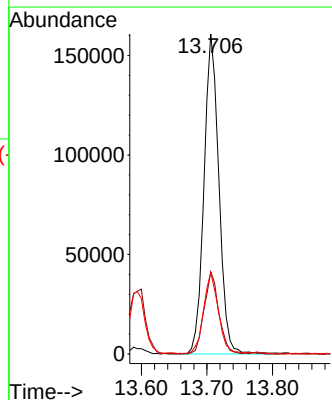
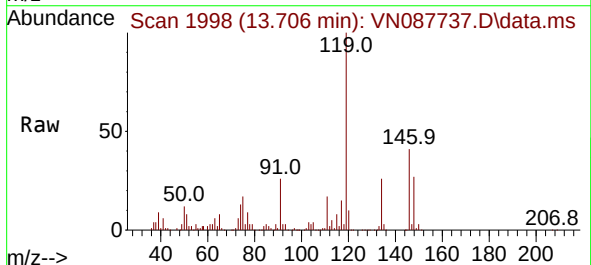
Instrument :
 MSVOA_N
 ClientSampleId :

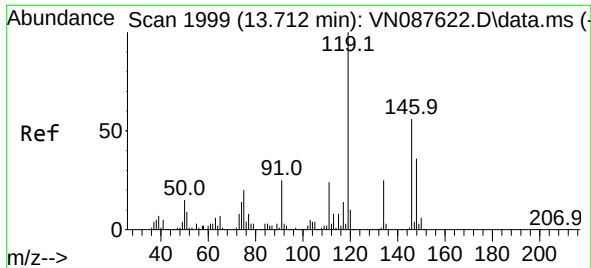
Tgt Ion:105 Resp: 312140
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 18.152 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087737.D
 Acq: 05 Sep 2025 13:07

Tgt Ion:119 Resp: 254541
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.0
 91 25.7 12.5 37.5

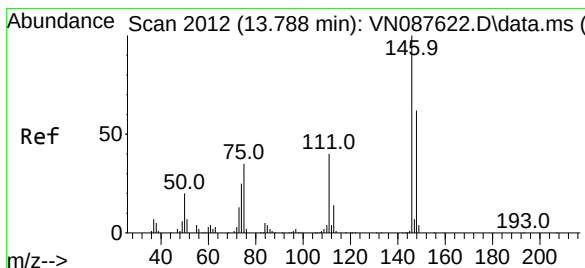
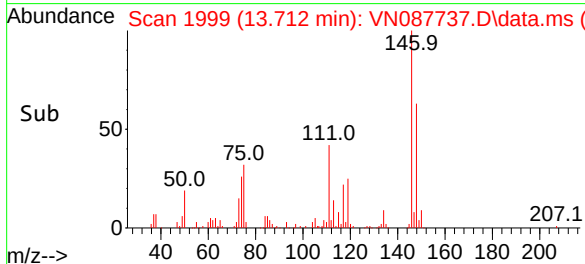
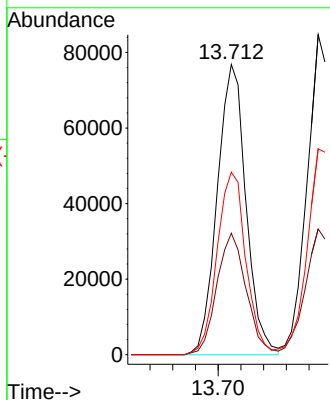
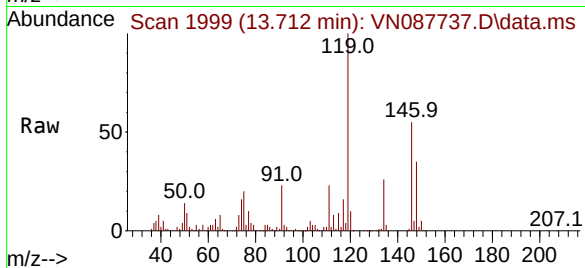




#87
 1,3-Dichlorobenzene
 Concen: 17.979 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087737.D
 Acq: 05 Sep 2025 13:07

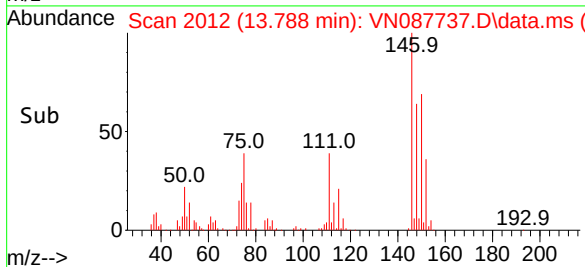
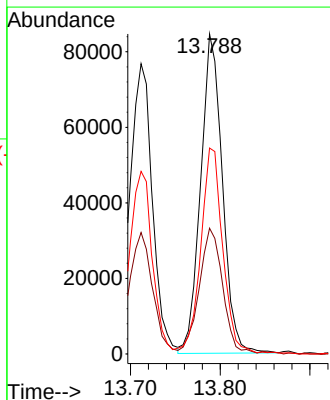
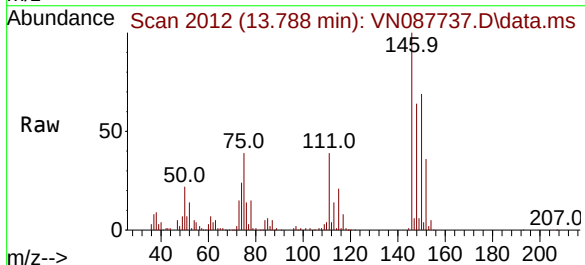
Instrument :
 MSVOA_N
 ClientSampleId :

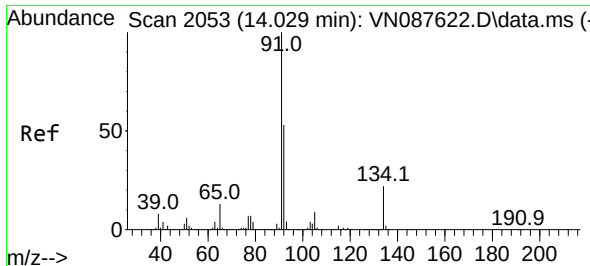
Tgt Ion:146 Resp: 135134
 Ion Ratio Lower Upper
 146 100
 111 42.9 22.1 66.5
 148 62.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.203 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087737.D
 Acq: 05 Sep 2025 13:07

Tgt Ion:146 Resp: 142385
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.0 63.0
 148 65.9 32.0 96.0

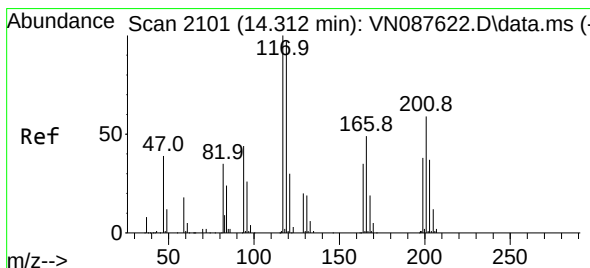
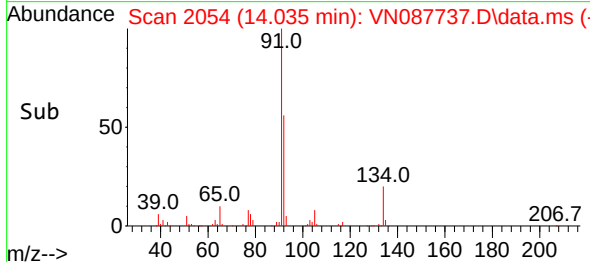
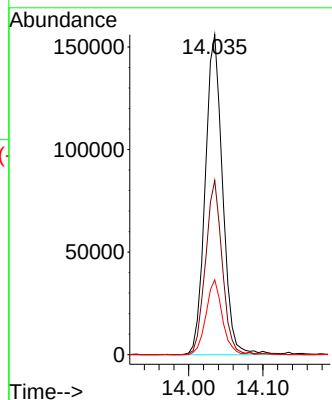
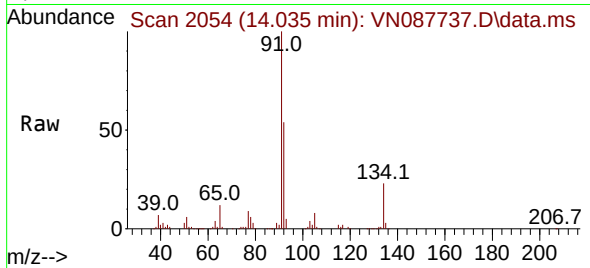




#89
n-Butylbenzene
Concen: 18.253 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

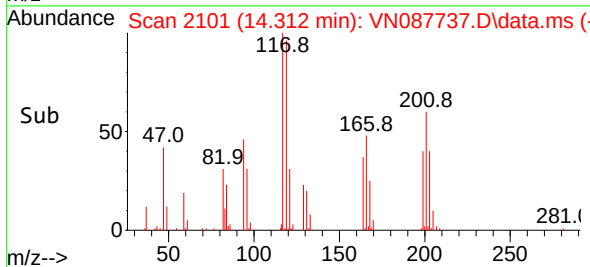
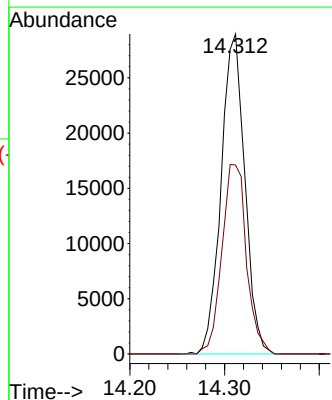
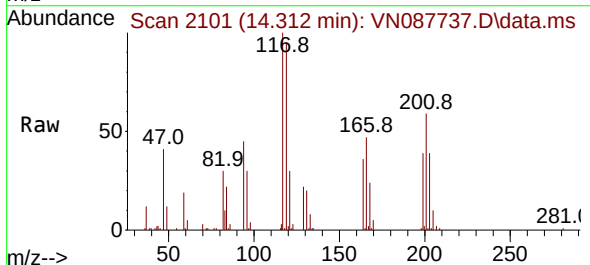
Instrument :
MSVOA_N
ClientSampleId :

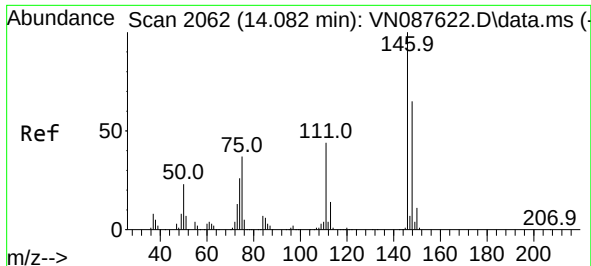
Tgt Ion: 91 Resp: 254210
Ion Ratio Lower Upper
91 100
92 52.7 25.9 77.8
134 22.2 11.7 35.0



#90
Hexachloroethane
Concen: 18.889 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087737.D
Acq: 05 Sep 2025 13:07

Tgt Ion: 117 Resp: 50462
Ion Ratio Lower Upper
117 100
201 61.3 29.1 87.4

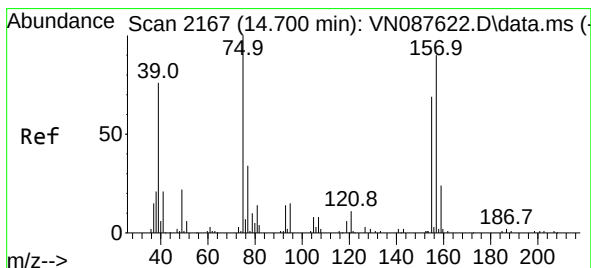
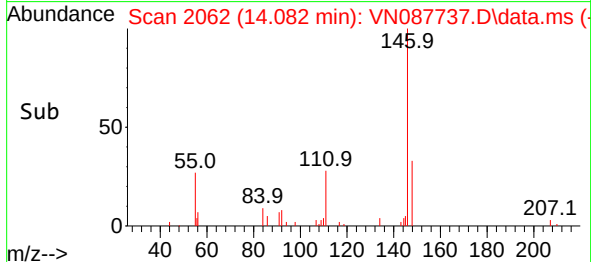
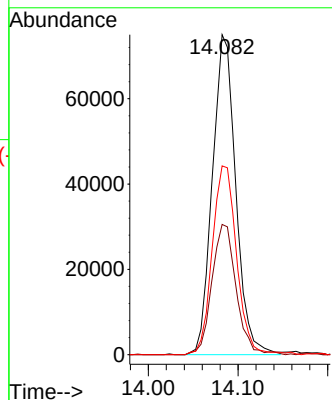
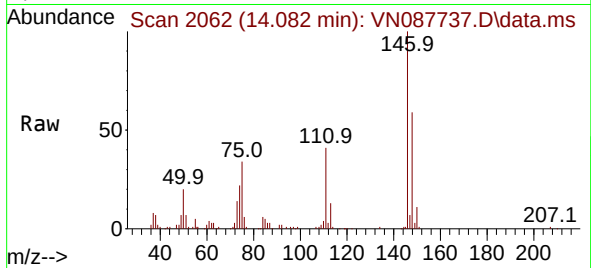




#91
 1,2-Dichlorobenzene
 Concen: 19.053 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN087737.D
 Acq: 05 Sep 2025 13:07

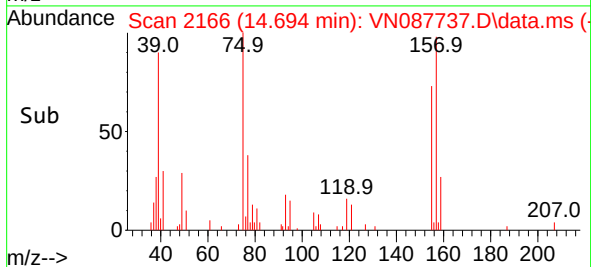
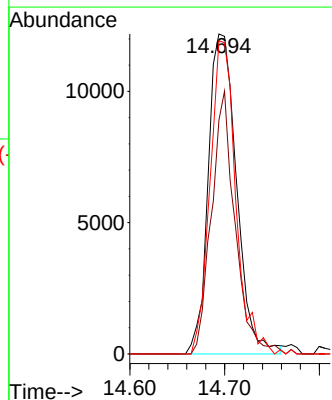
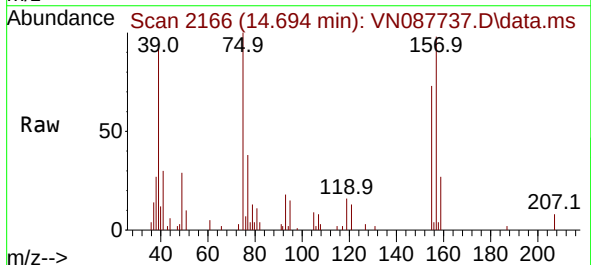
Instrument :
 MSVOA_N
 ClientSampleId :

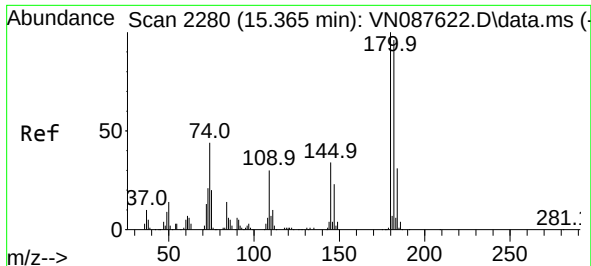
Tgt Ion:146 Resp: 135861
 Ion Ratio Lower Upper
 146 100
 111 42.1 22.6 67.8
 148 61.7 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.091 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VN087737.D
 Acq: 05 Sep 2025 13:07

Tgt Ion: 75 Resp: 25275
 Ion Ratio Lower Upper
 75 100
 155 68.8 36.6 109.9
 157 89.3 45.6 136.9

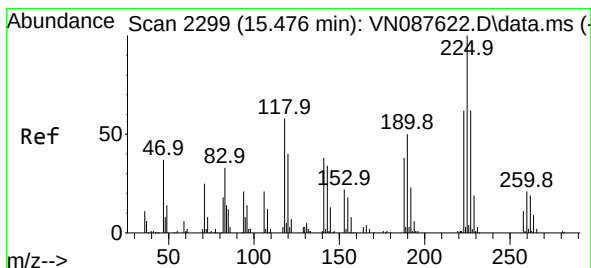
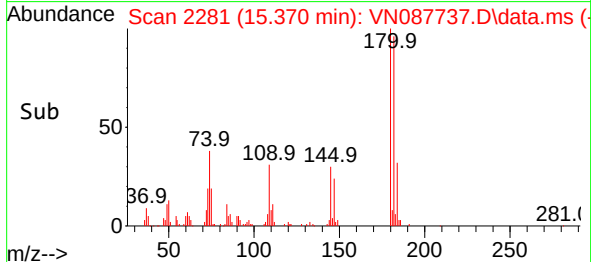
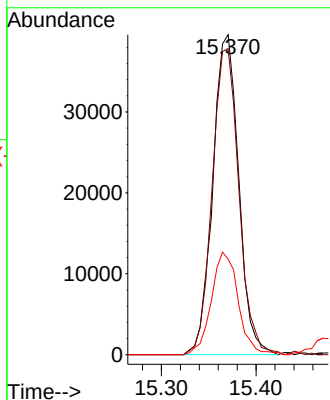
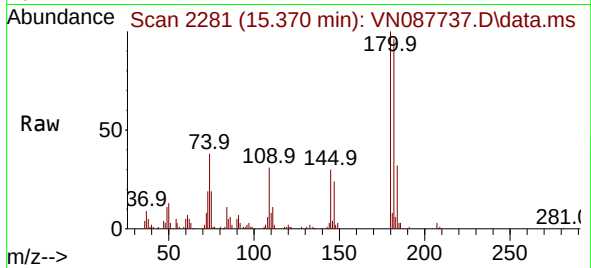




#93
 1,2,4-Trichlorobenzene
 Concen: 17.537 ug/l
 RT: 15.370 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN087737.D
 Acq: 05 Sep 2025 13:07

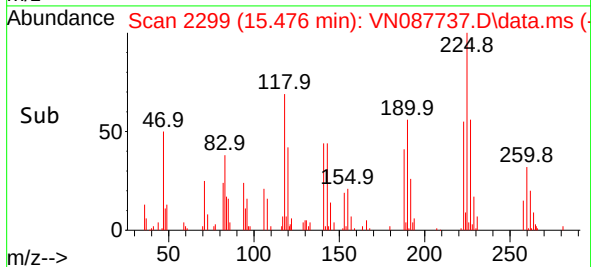
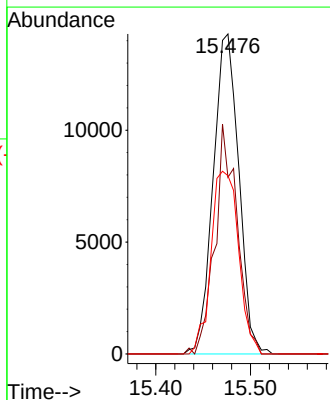
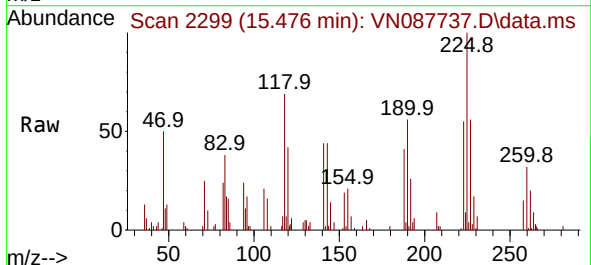
Instrument :
 MSVOA_N
 ClientSampleId :

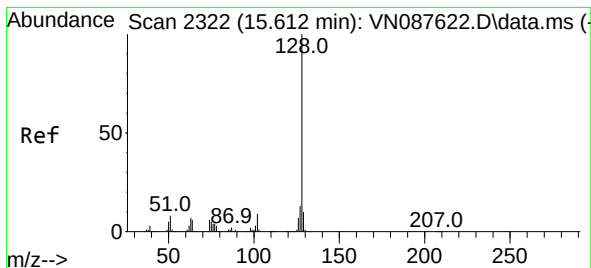
Tgt Ion:180 Resp: 75093
 Ion Ratio Lower Upper
 180 100
 182 98.3 47.6 142.9
 145 33.2 16.5 49.5



#94
 Hexachlorobutadiene
 Concen: 17.608 ug/l
 RT: 15.476 min Scan# 2299
 Delta R.T. -0.000 min
 Lab File: VN087737.D
 Acq: 05 Sep 2025 13:07

Tgt Ion:225 Resp: 26880
 Ion Ratio Lower Upper
 225 100
 223 62.2 32.0 96.2
 227 61.4 32.1 96.5





#95

Naphthalene

Concen: 17.534 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087737.D

Acq: 05 Sep 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

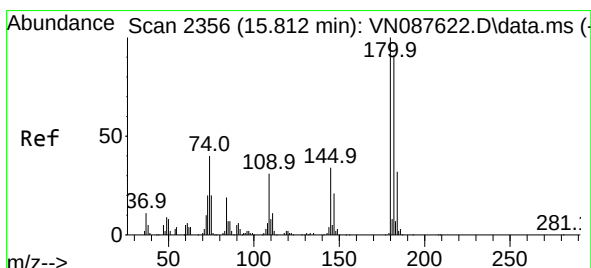
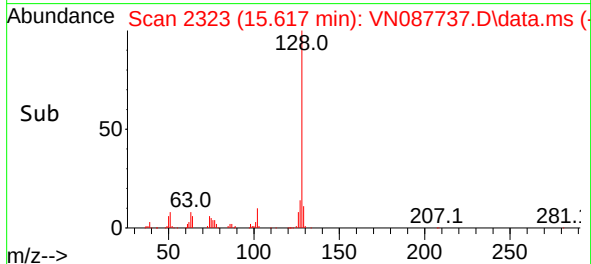
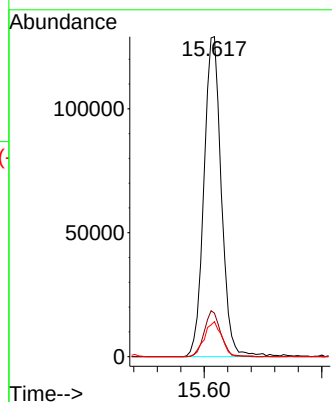
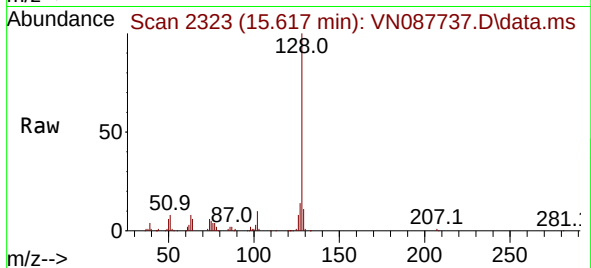
Tgt Ion:128 Resp: 265935

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 17.795 ug/l

RT: 15.817 min Scan# 2357

Delta R.T. 0.006 min

Lab File: VN087737.D

Acq: 05 Sep 2025 13:07

Tgt Ion:180 Resp: 74491

Ion Ratio Lower Upper

180 100

182 92.7 46.8 140.3

145 34.3 17.3 52.0

