

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091925\
 Data File : VN087903.D
 Acq On : 19 Sep 2025 11:59
 Operator : JC\MD
 Sample : VN0919MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 20 03:04:13 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	239540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	431610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	407597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	214059	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	219419	44.707	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.420%
35) Dibromofluoromethane	8.147	113	171153	54.923	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.840%
50) Toluene-d8	10.547	98	589943	50.581	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.160%
62) 4-Bromofluorobenzene	12.829	95	215191	51.880	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.760%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	67045	19.707	ug/l	99
3) Chloromethane	2.383	50	64032	18.314	ug/l	98
4) Vinyl Chloride	2.542	62	69071	17.038	ug/l	93
5) Bromomethane	2.977	94	37618	17.984	ug/l	89
6) Chloroethane	3.136	64	44245	15.529	ug/l	96
7) Trichlorofluoromethane	3.506	101	112801	18.992	ug/l	88
8) Diethyl Ether	3.959	74	41426	16.016	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.359	101	63623	18.931	ug/l	95
10) Methyl Iodide	4.583	142	44201	22.012	ug/l	89
11) Tert butyl alcohol	5.530	59	77665	91.153	ug/l	98
12) 1,1-Dichloroethene	4.342	96	60148	17.416	ug/l	81
13) Acrolein	4.171	56	66436	63.426	ug/l	97
14) Allyl chloride	5.006	41	93819	14.991	ug/l	97
15) Acrylonitrile	5.706	53	219616	91.395	ug/l	99
16) Acetone	4.424	43	187823	70.301	ug/l	97
17) Carbon Disulfide	4.701	76	174454	18.349	ug/l	97
18) Methyl Acetate	5.018	43	108455	19.388	ug/l	91
19) Methyl tert-butyl Ether	5.789	73	233543	18.026	ug/l	96
20) Methylene Chloride	5.259	84	76152	18.935	ug/l	92
21) trans-1,2-Dichloroethene	5.771	96	67191	17.951	ug/l	95
22) Diisopropyl ether	6.653	45	227989	16.881	ug/l	98
23) Vinyl Acetate	6.589	43	1033376	84.102	ug/l	100
24) 1,1-Dichloroethane	6.553	63	129374	17.471	ug/l	99
25) 2-Butanone	7.471	43	306376	87.163	ug/l	97
26) 2,2-Dichloropropane	7.471	77	115338	18.148	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	83682	18.702	ug/l	96
28) Bromochloromethane	7.794	49	54055	15.100	ug/l	90
29) Tetrahydrofuran	7.830	42	203758	90.076	ug/l	99
30) Chloroform	7.947	83	142659	18.875	ug/l	98
31) Cyclohexane	8.241	56	112828	18.277	ug/l	92
32) 1,1,1-Trichloroethane	8.147	97	124671	19.464	ug/l	96
36) 1,1-Dichloropropene	8.353	75	94829	19.836	ug/l	96
37) Ethyl Acetate	7.553	43	120879	18.504	ug/l	96
38) Carbon Tetrachloride	8.341	117	104141	22.063	ug/l	96
39) Methylcyclohexane	9.583	83	110331	20.962	ug/l	96
40) Benzene	8.588	78	301563	20.566	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	65881	19.469	ug/l	98
42) 1,2-Dichloroethane	8.653	62	112704	20.002	ug/l	99
43) Isopropyl Acetate	8.671	43	194426	19.063	ug/l	97
44) Trichloroethene	9.336	130	73111	21.839	ug/l	97
45) 1,2-Dichloropropane	9.600	63	76507	19.795	ug/l	98
46) Dibromomethane	9.688	93	60446	21.977	ug/l	94
47) Bromodichloromethane	9.871	83	118133	20.957	ug/l #	99
48) Methyl methacrylate	9.659	41	88667	18.379	ug/l	95
49) 1,4-Dioxane	9.683	88	27951	447.006	ug/l #	98
51) 4-Methyl-2-Pentanone	10.424	43	623121	101.261	ug/l	99
52) Toluene	10.612	92	193337	21.269	ug/l	96
53) t-1,3-Dichloropropene	10.818	75	118842	20.368	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	122797	20.269	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	79191	22.520	ug/l	97
56) Ethyl methacrylate	10.859	69	112150	19.956	ug/l	94
57) 1,3-Dichloropropane	11.141	76	131865	21.188	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	264052	86.809	ug/l	97
59) 2-Hexanone	11.177	43	395194	101.616	ug/l	98
60) Dibromochloromethane	11.341	129	90868	22.301	ug/l	98
61) 1,2-Dibromoethane	11.447	107	77980	21.030	ug/l	97
64) Tetrachloroethene	11.082	164	60003	21.218	ug/l	90
65) Chlorobenzene	11.871	112	210718	20.780	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.941	131	75481	22.421	ug/l	100
67) Ethyl Benzene	11.941	91	346456	19.733	ug/l	99
68) m/p-Xylenes	12.053	106	267977	41.618	ug/l	99
69) o-Xylene	12.377	106	127799	20.253	ug/l	99
70) Styrene	12.394	104	218050	20.626	ug/l	99
71) Bromoform	12.553	173	60368	23.382	ug/l #	98
73) Isopropylbenzene	12.676	105	335447	19.393	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.918	83	121038	20.325	ug/l	100
76) 1,2,3-Trichloropropane	12.976	75	154467	30.772	ug/l	59
77) Bromobenzene	12.959	156	83377	20.443	ug/l	92
78) n-propylbenzene	13.012	91	417431	19.592	ug/l	96
79) 2-Chlorotoluene	13.106	91	240858	18.785	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	284999	19.422	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.718	75	34531	18.211	ug/l	90
82) 4-Chlorotoluene	13.200	91	257810	19.125	ug/l	97
83) tert-Butylbenzene	13.418	119	248238	20.301	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	299166	20.366	ug/l	100
85) sec-Butylbenzene	13.594	105	366412	20.192	ug/l	98
86) p-Isopropyltoluene	13.706	119	299181	19.967	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	166725	20.759	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	171136	20.475	ug/l	98
89) n-Butylbenzene	14.035	91	290607	19.528	ug/l	98
90) Hexachloroethane	14.312	117	61022	21.376	ug/l	92
91) 1,2-Dichlorobenzene	14.082	146	157720	20.699	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	26113	18.458	ug/l	87
93) 1,2,4-Trichlorobenzene	15.365	180	97989	21.416	ug/l	98
94) Hexachlorobutadiene	15.476	225	38731	23.744	ug/l	99
95) Naphthalene	15.612	128	301827	18.624	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	93104	20.814	ug/l	99

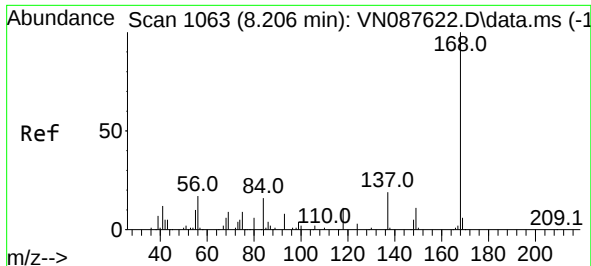
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Response via : Initial Calibration

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

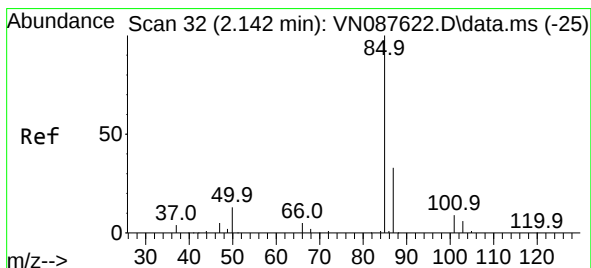
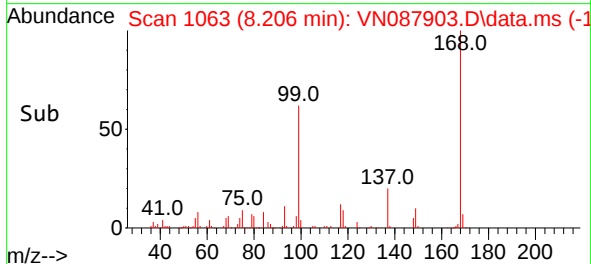
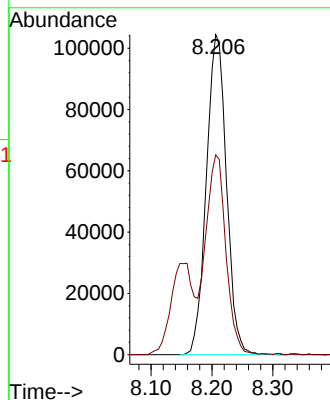
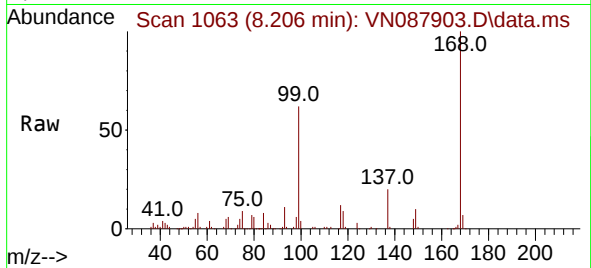
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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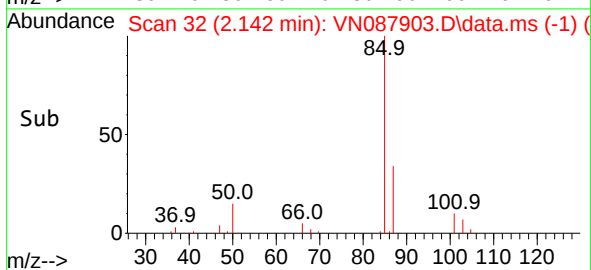
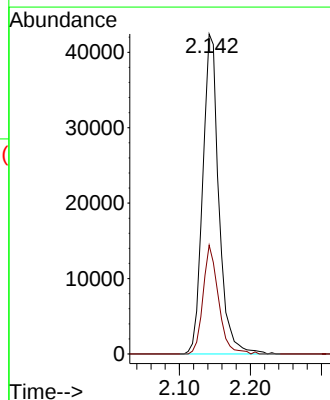
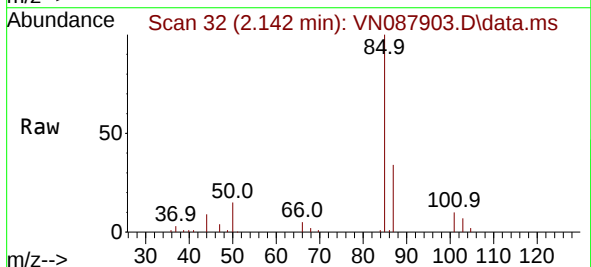
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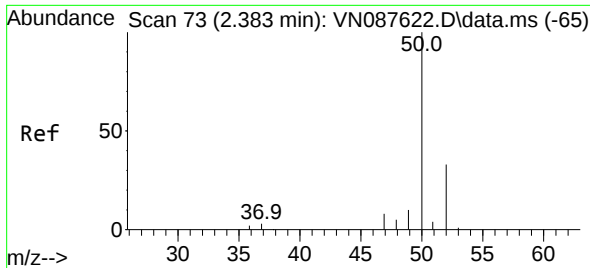
Tgt Ion:168 Resp: 239540
Ion Ratio Lower Upper
168 100
99 62.0 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 19.707 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Tgt Ion: 85 Resp: 67045
Ion Ratio Lower Upper
85 100
87 34.0 16.6 49.8

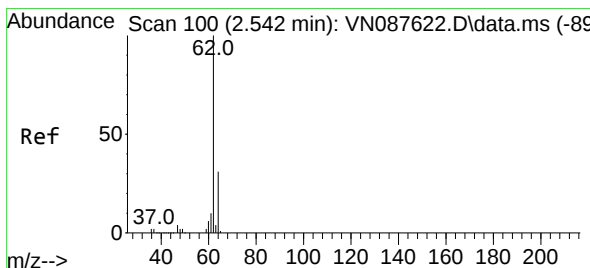
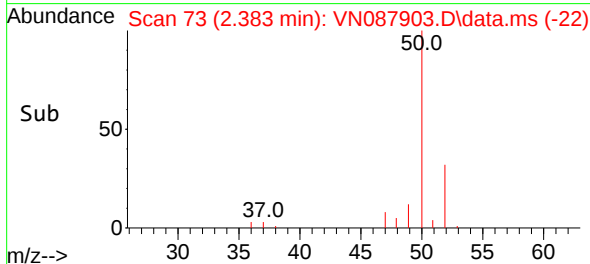
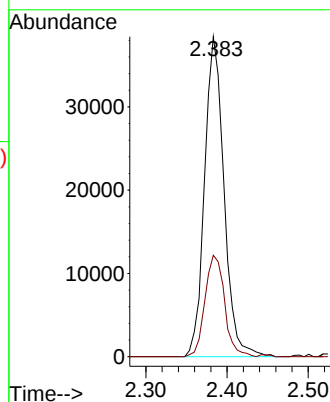
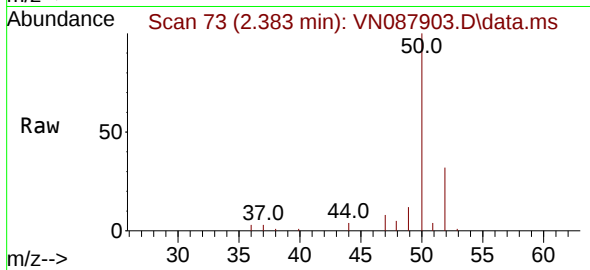




#3
Chloromethane
Concen: 18.314 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

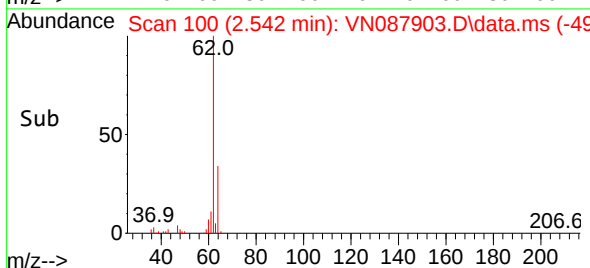
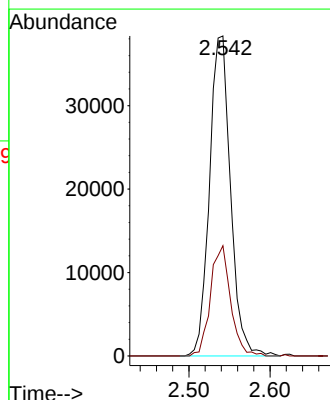
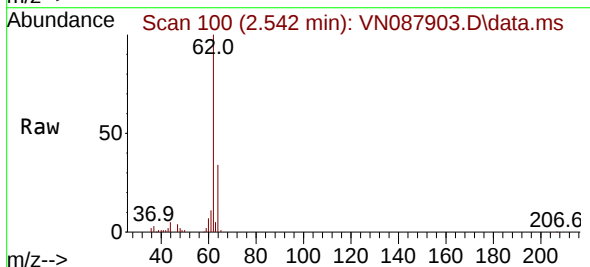
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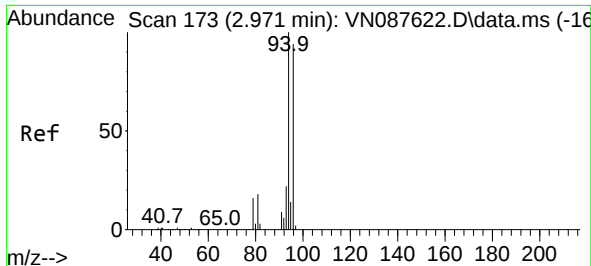
Tgt Ion: 50 Resp: 64032
Ion Ratio Lower Upper
50 100
52 31.7 26.2 39.4



#4
Vinyl Chloride
Concen: 17.038 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Tgt Ion: 62 Resp: 69071
Ion Ratio Lower Upper
62 100
64 34.5 24.6 37.0

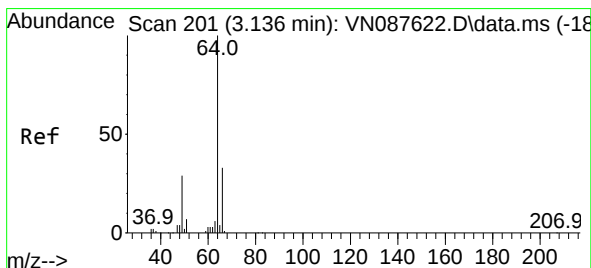
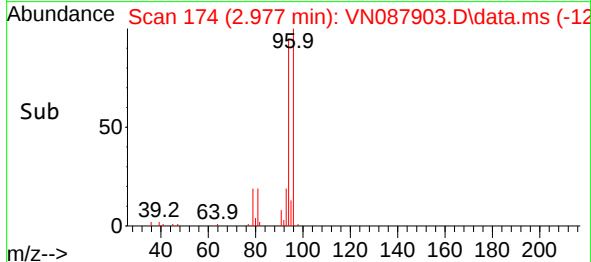
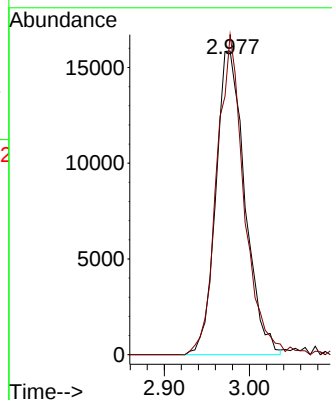
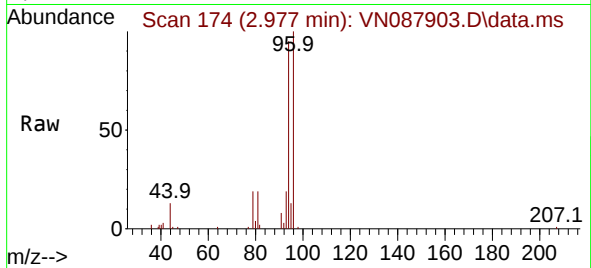




#5
Bromomethane
Concen: 17.984 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

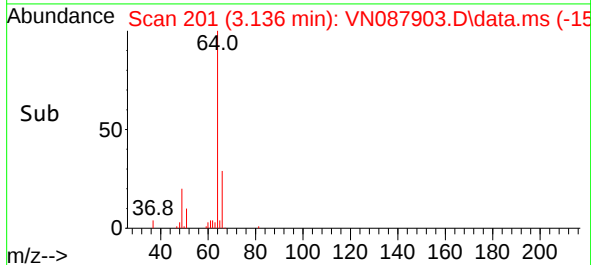
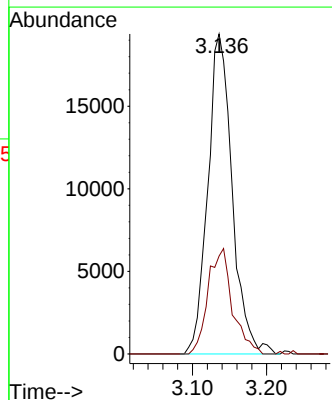
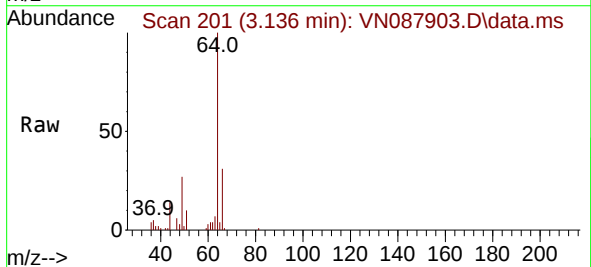
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 37618
Ion Ratio Lower Upper
94 100
96 105.4 75.4 113.2



#6
Chloroethane
Concen: 15.529 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

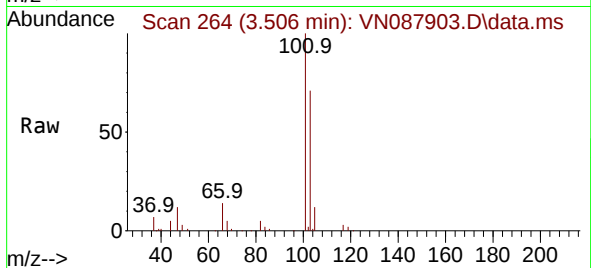
Tgt Ion: 64 Resp: 44245
Ion Ratio Lower Upper
64 100
66 30.6 26.2 39.2



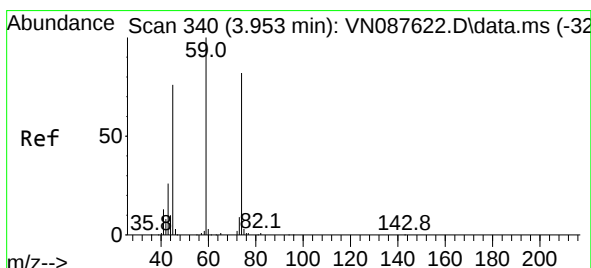
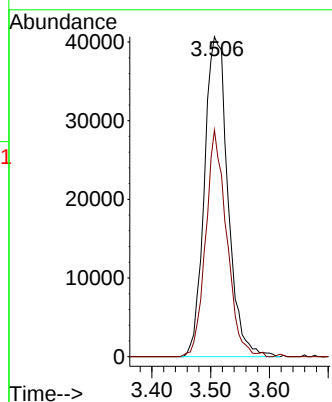
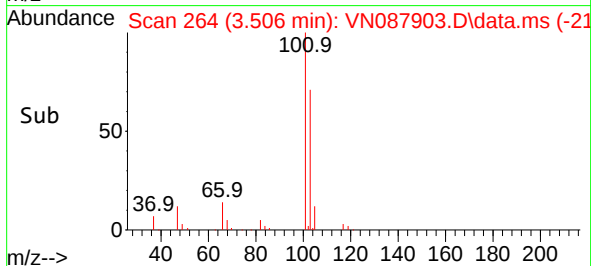


#7
 Trichlorofluoromethane
 Concen: 18.992 ug/l
 RT: 3.506 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN087903.D
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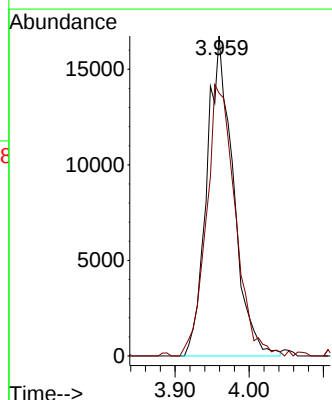
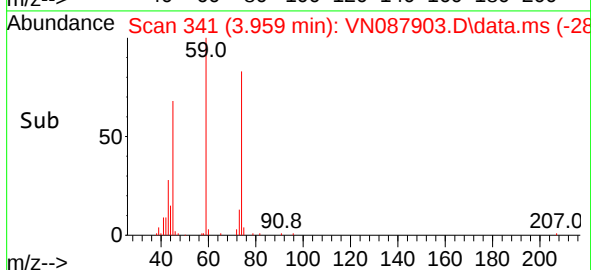
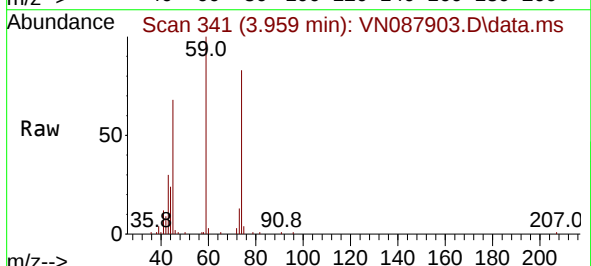


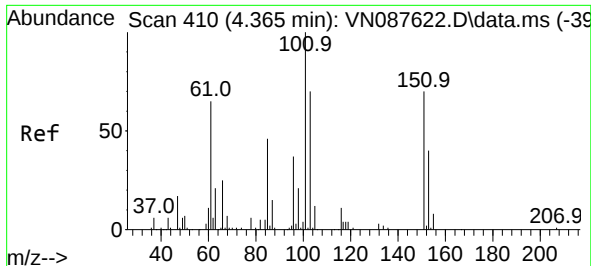
Tgt Ion:101 Resp: 112801
 Ion Ratio Lower Upper
 101 100
 103 70.9 49.4 74.0



#8
 Diethyl Ether
 Concen: 16.016 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087903.D
 Acq: 19 Sep 2025 11:59

Tgt Ion: 74 Resp: 41426
 Ion Ratio Lower Upper
 74 100
 45 92.9 50.6 151.9

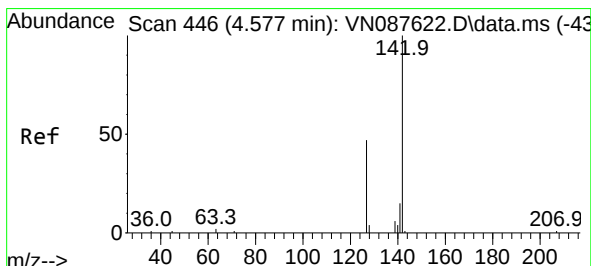
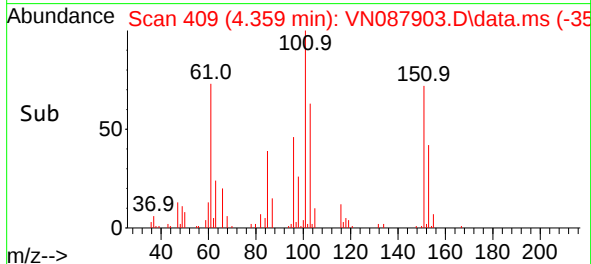
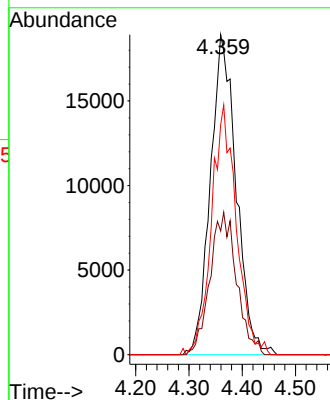
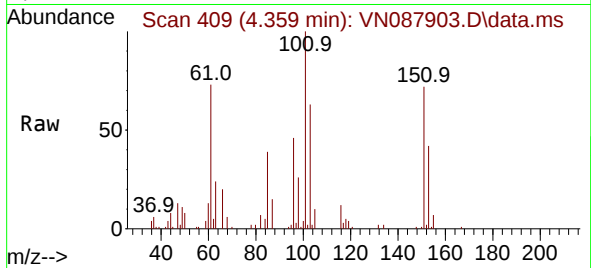




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.931 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN087903.D
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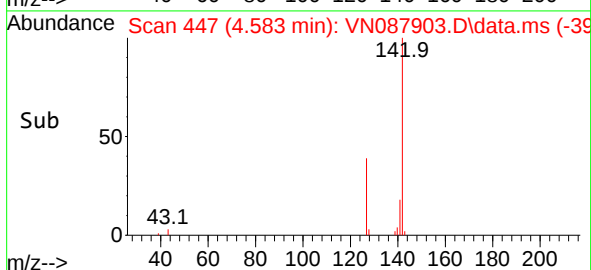
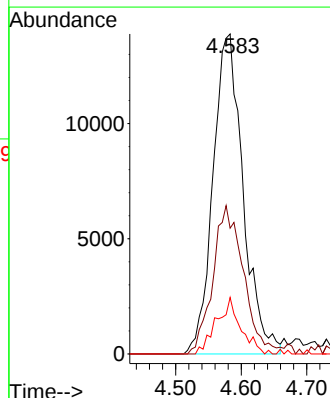
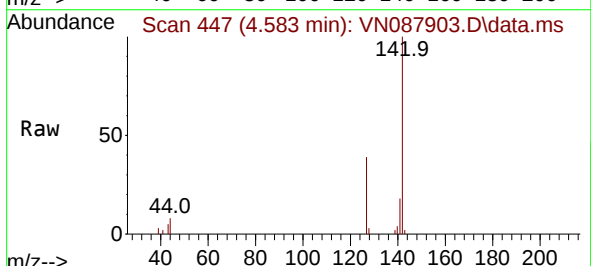
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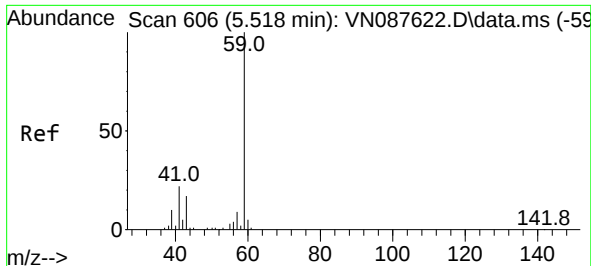
Tgt Ion:101 Resp: 63623
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 74.9 54.7 82.1



#10
Methyl Iodide
Concen: 22.012 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Tgt Ion:142 Resp: 44201
Ion Ratio Lower Upper
142 100
127 39.3 38.0 57.0
141 17.7 12.0 18.0

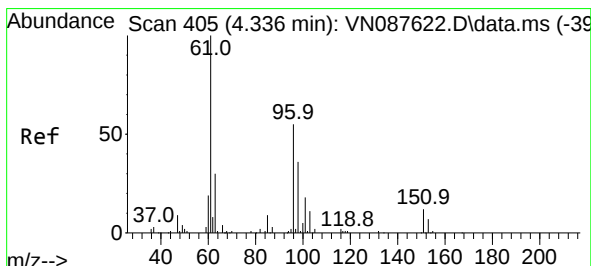
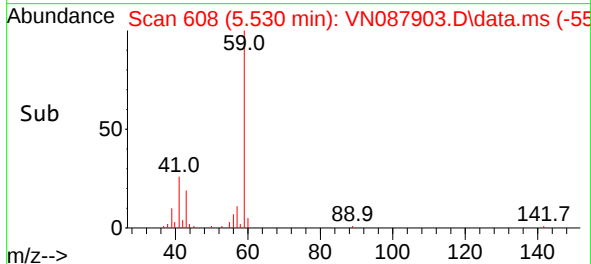
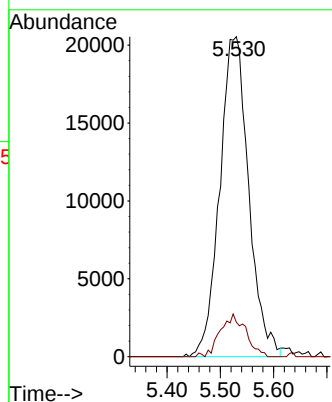
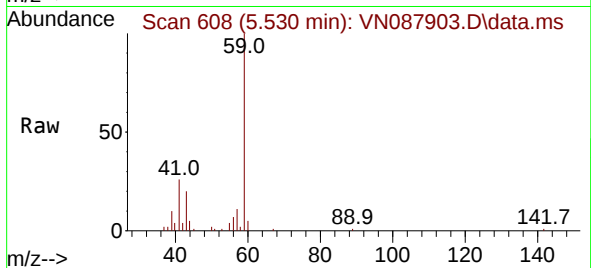




#11
Tert butyl alcohol
Concen: 91.153 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

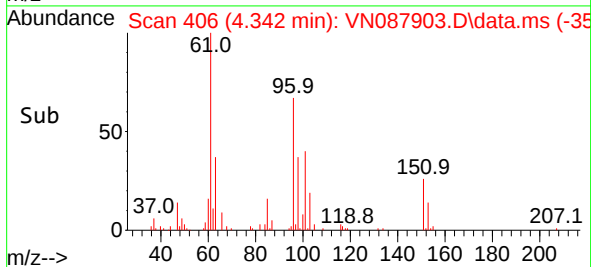
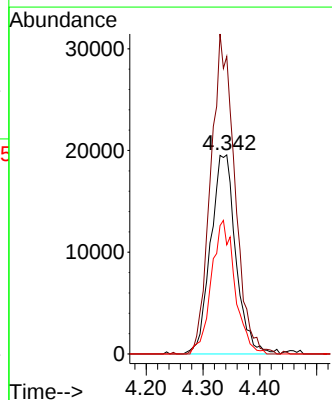
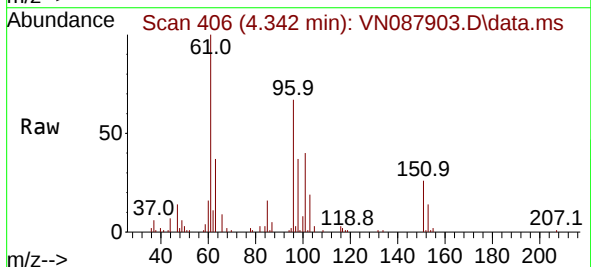
Instrument :
MSVOA_N
ClientSampleId :

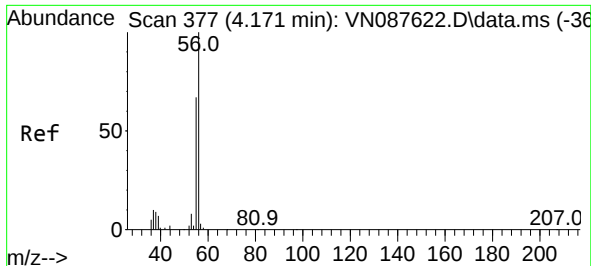
Tgt Ion: 59 Resp: 77665
Ion Ratio Lower Upper
59 100
57 11.8 9.0 13.4



#12
1,1-Dichloroethene
Concen: 17.416 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Tgt Ion: 96 Resp: 60148
Ion Ratio Lower Upper
96 100
61 149.5 143.8 215.8
98 54.8 52.1 78.1

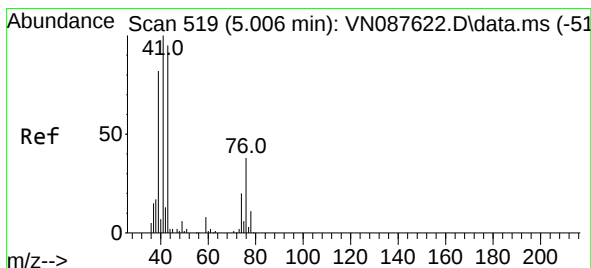
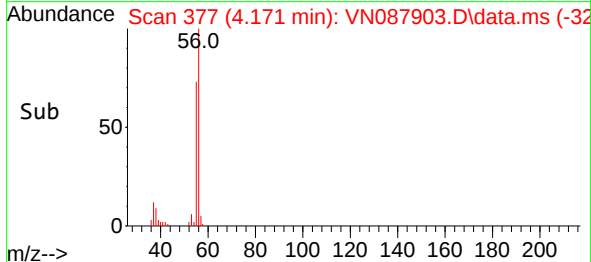
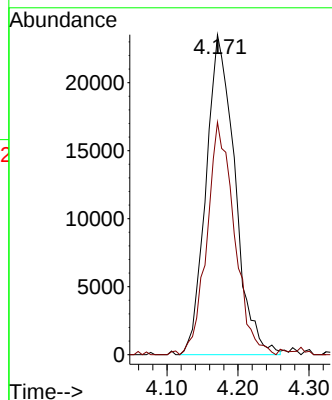
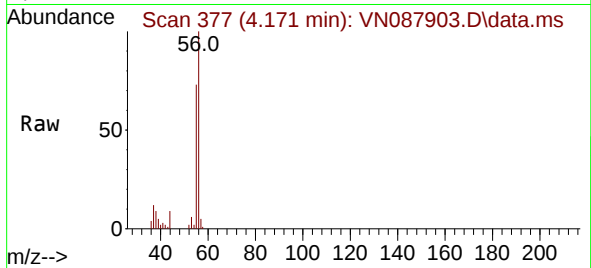




#13
Acrolein
Concen: 63.426 ug/l
RT: 4.171 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

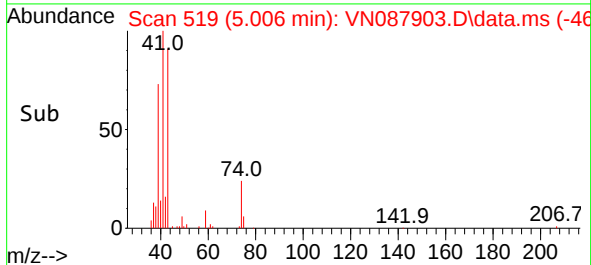
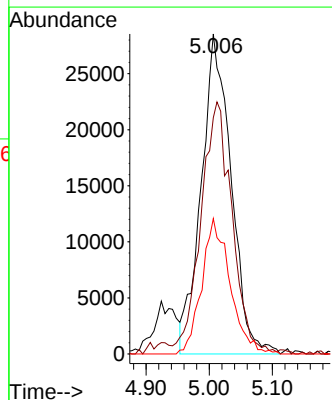
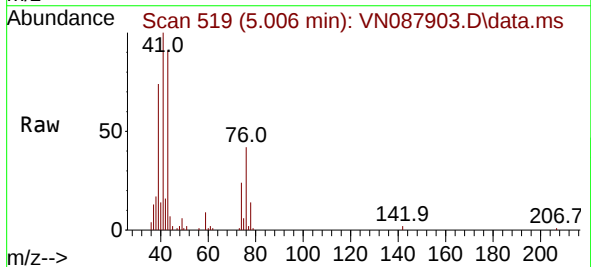
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 66436
Ion Ratio Lower Upper
56 100
55 69.3 57.3 85.9



#14
Allyl chloride
Concen: 14.991 ug/l
RT: 5.006 min Scan# 519
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

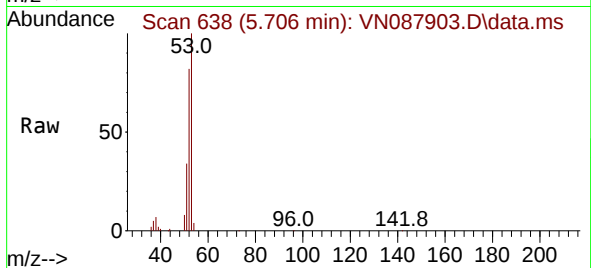
Tgt Ion: 41 Resp: 93819
Ion Ratio Lower Upper
41 100
39 80.6 63.9 95.9
76 40.2 28.1 42.1



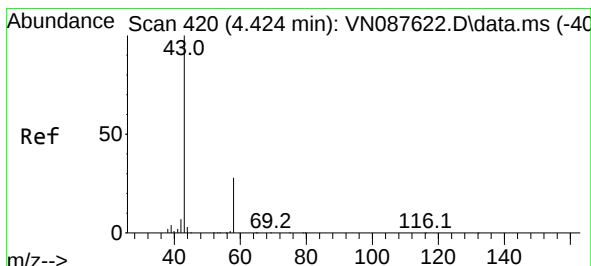
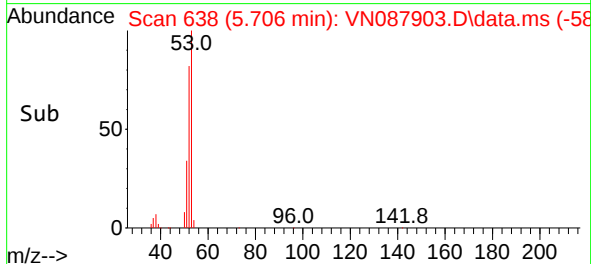
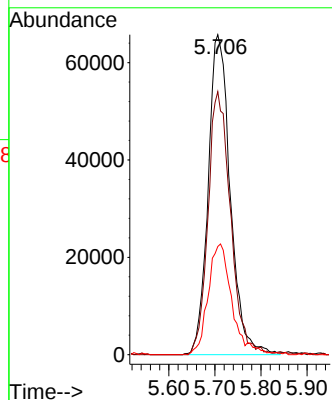


#15
Acrylonitrile
Concen: 91.395 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Instrument :
MSVOA_N
ClientSampleId :

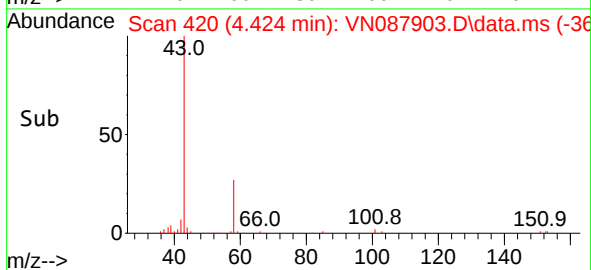
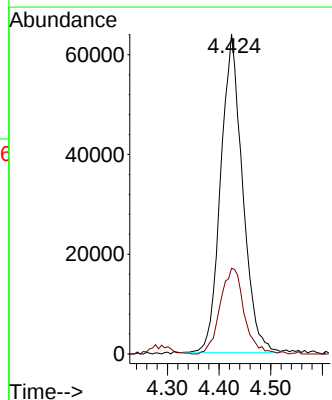
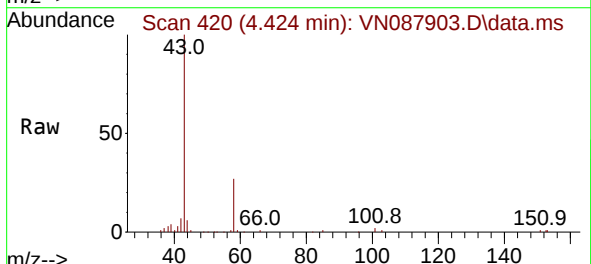


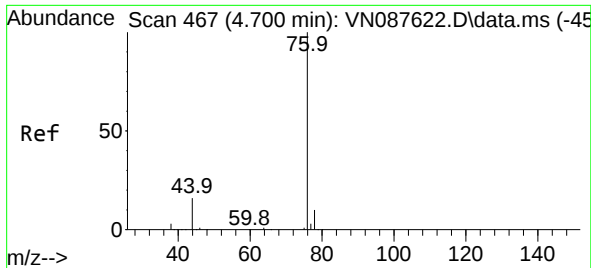
Tgt Ion: 53 Resp: 219616
Ion Ratio Lower Upper
53 100
52 83.5 67.6 101.4
51 36.9 30.1 45.1



#16
Acetone
Concen: 70.301 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Tgt Ion: 43 Resp: 187823
Ion Ratio Lower Upper
43 100
58 26.5 22.6 33.8

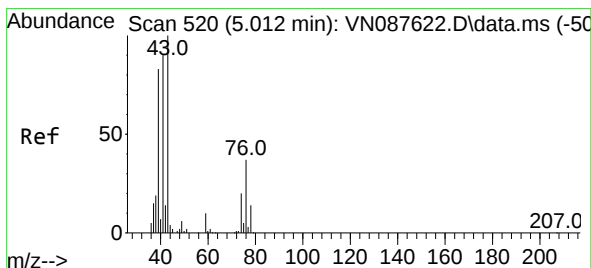
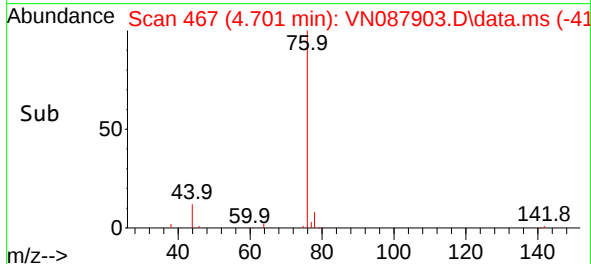
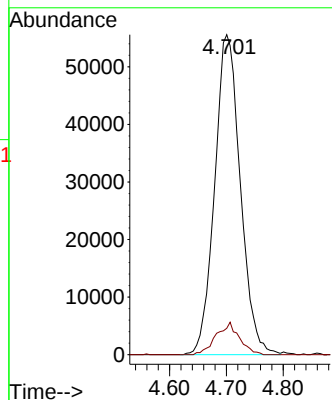
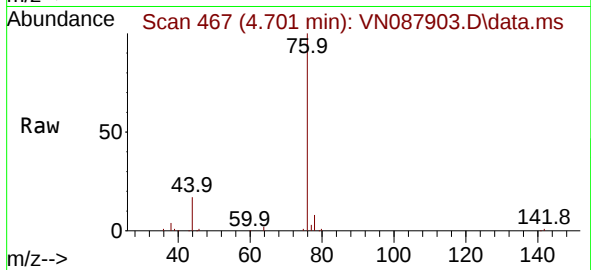




#17
Carbon Disulfide
Concen: 18.349 ug/l
RT: 4.701 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

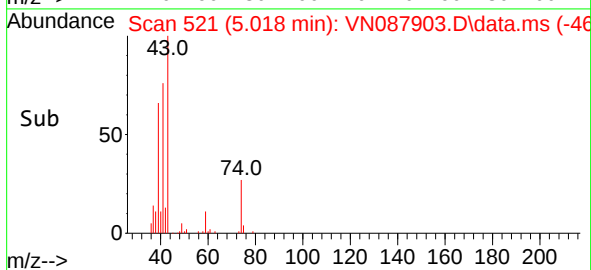
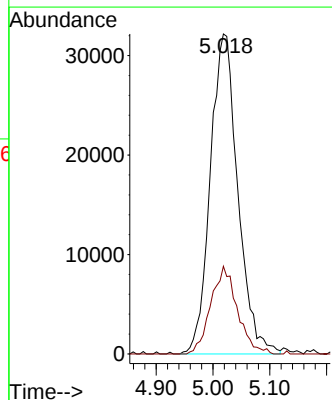
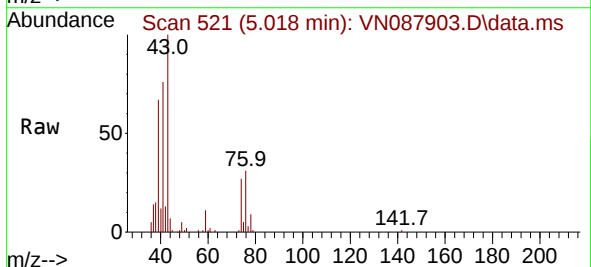
Instrument :
MSVOA_N
ClientSampleId :

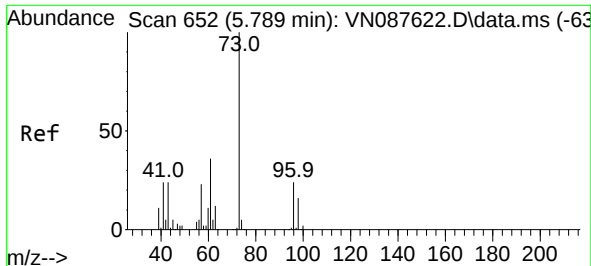
Tgt Ion: 76 Resp: 174454
Ion Ratio Lower Upper
76 100
78 8.3 7.6 11.4



#18
Methyl Acetate
Concen: 19.388 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Tgt Ion: 43 Resp: 108455
Ion Ratio Lower Upper
43 100
74 26.4 17.6 26.4

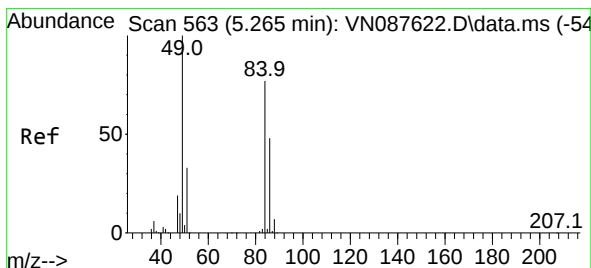
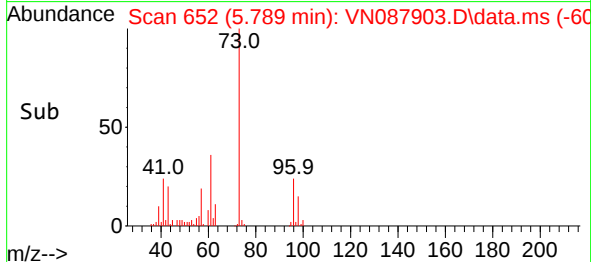
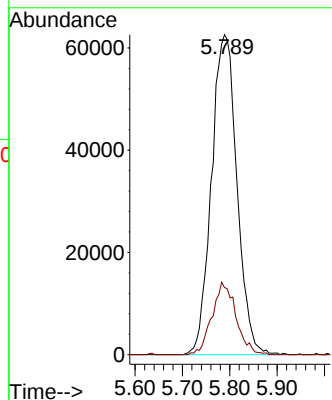
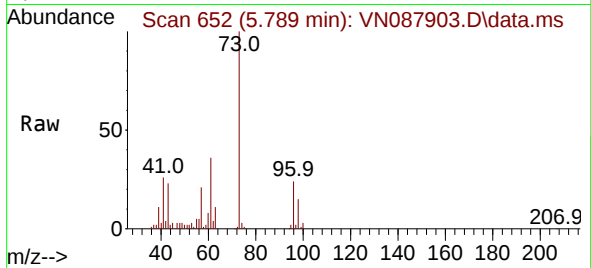




#19
Methyl tert-butyl Ether
Concen: 18.026 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

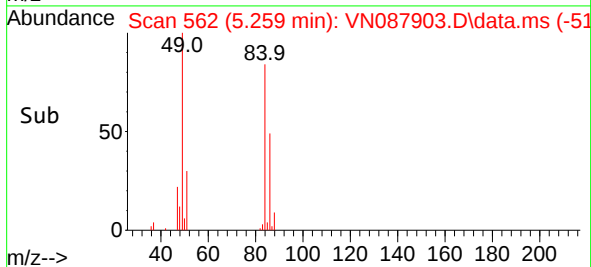
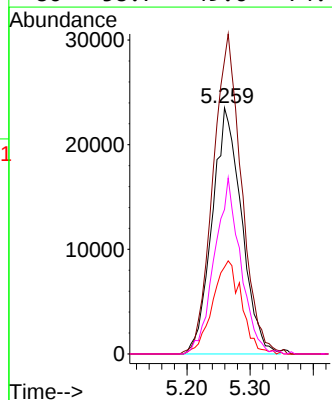
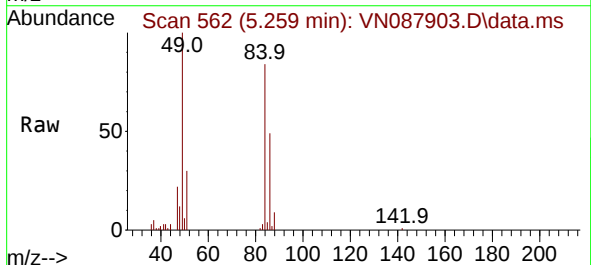
Instrument :
MSVOA_N
ClientSampleId :

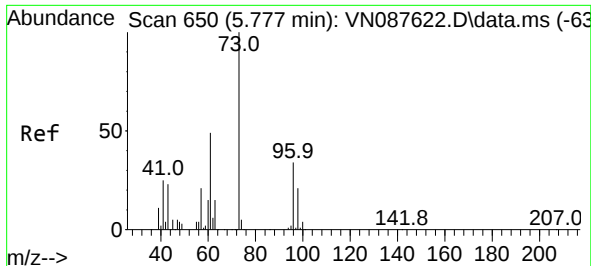
Tgt Ion: 73 Resp: 233543
Ion Ratio Lower Upper
73 100
57 20.9 18.4 27.6



#20
Methylene Chloride
Concen: 18.935 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Tgt Ion: 84 Resp: 76152
Ion Ratio Lower Upper
84 100
49 119.4 103.4 155.2
51 35.3 33.8 50.8
86 58.7 49.6 74.4

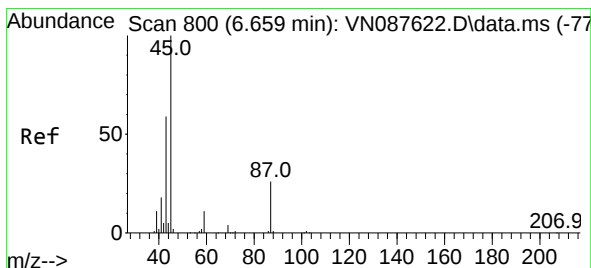
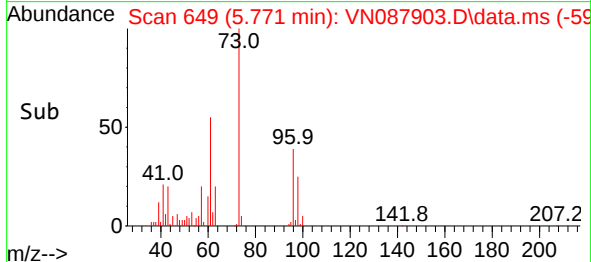
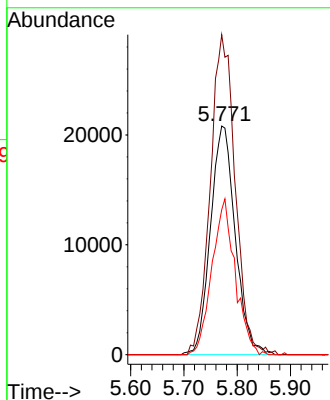
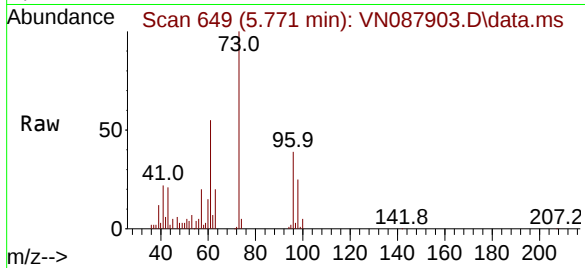




#21
trans-1,2-Dichloroethene
Concen: 17.951 ug/l
RT: 5.771 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

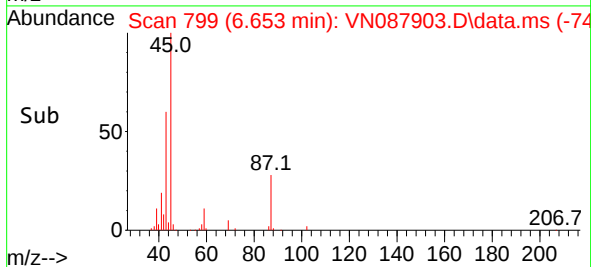
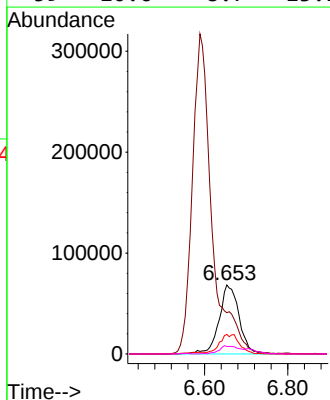
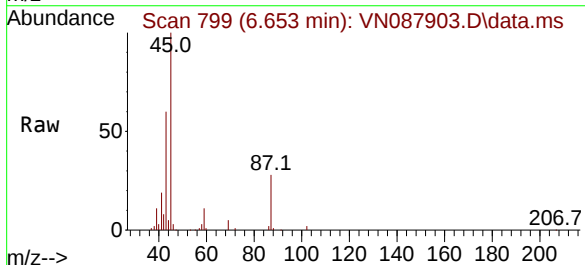
Instrument :
MSVOA_N
ClientSampleId :

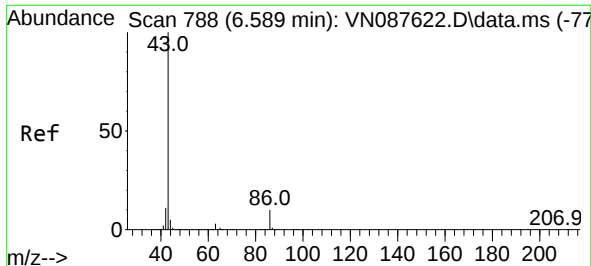
Tgt Ion: 96 Resp: 67191
Ion Ratio Lower Upper
96 100
61 140.0 118.0 177.0
98 63.4 50.0 75.0



#22
Diisopropyl ether
Concen: 16.881 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Tgt Ion: 45 Resp: 227989
Ion Ratio Lower Upper
45 100
43 58.5 47.7 71.5
87 28.3 21.4 32.0
59 10.6 8.7 13.1

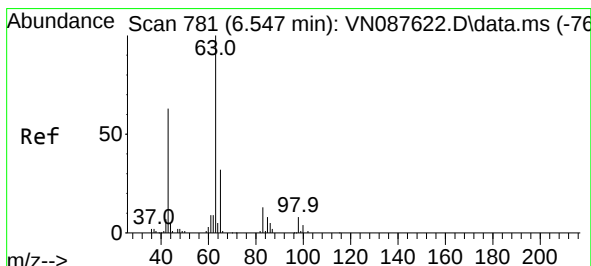
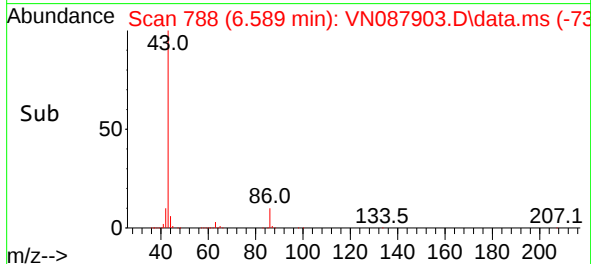
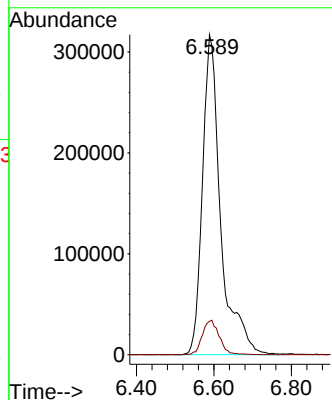
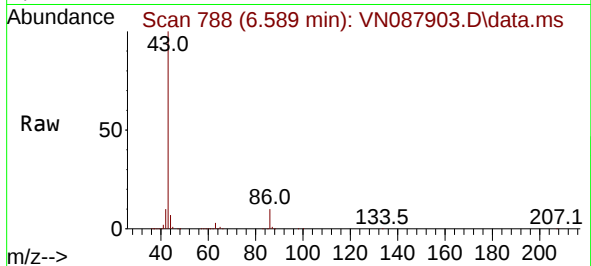




#23
 Vinyl Acetate
 Concen: 84.102 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087903.D
 Acq: 19 Sep 2025 11:59

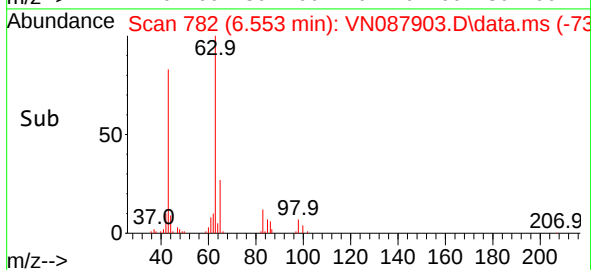
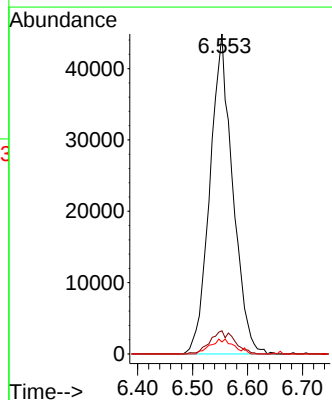
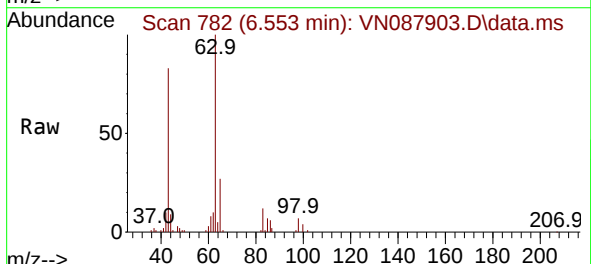
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 43 Resp: 1033376
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 17.471 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087903.D
 Acq: 19 Sep 2025 11:59

Tgt Ion: 63 Resp: 129374
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 3.8 2.0 6.0

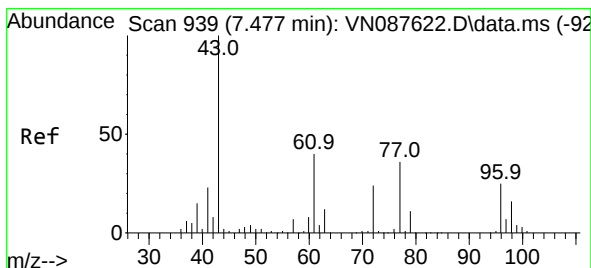
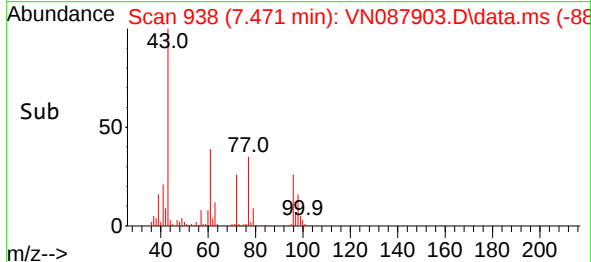
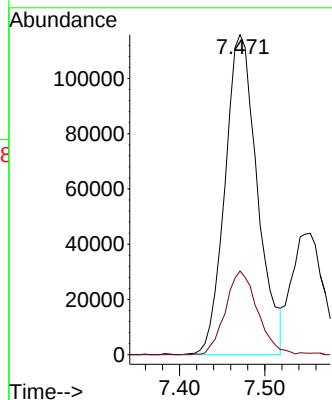
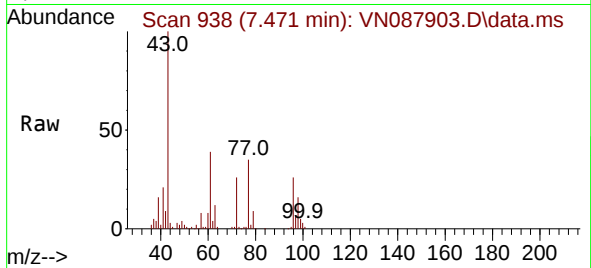




#25
2-Butanone
Concen: 87.163 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

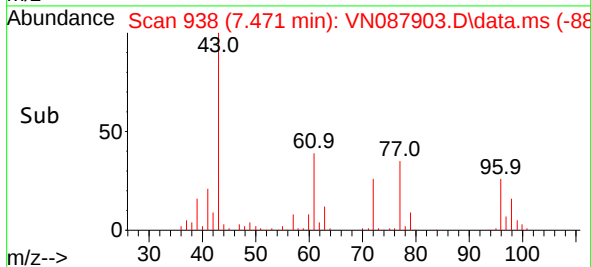
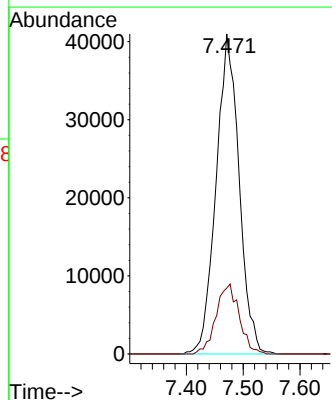
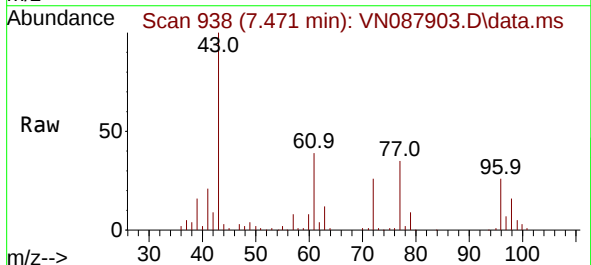
Instrument :
MSVOA_N
ClientSampleId :

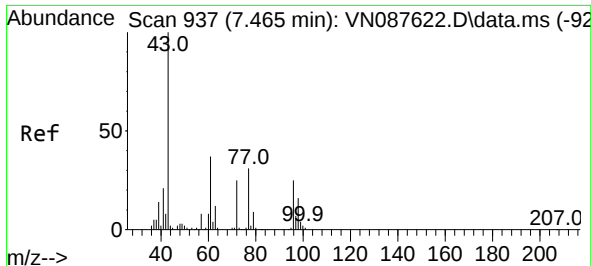
Tgt Ion: 43 Resp: 306376
Ion Ratio Lower Upper
43 100
72 26.2 19.9 29.9



#26
2,2-Dichloropropane
Concen: 18.148 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

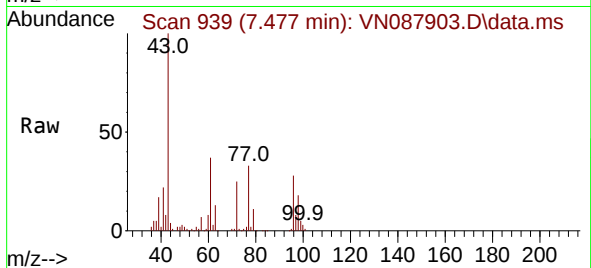
Tgt Ion: 77 Resp: 115338
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.7



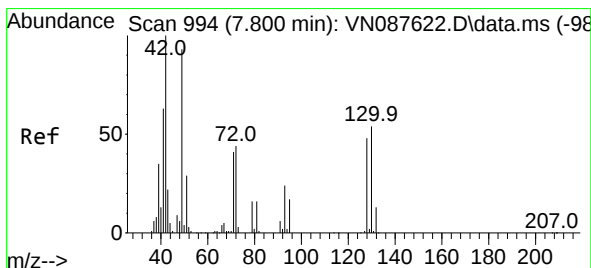
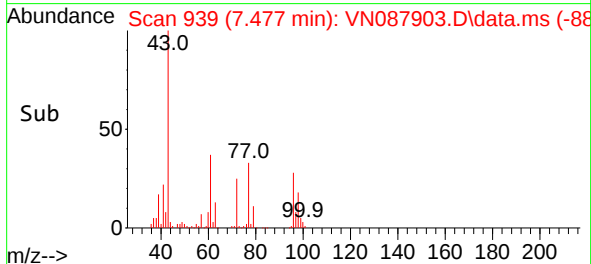
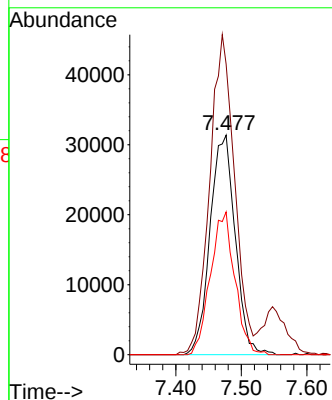


#27
 cis-1,2-Dichloroethene
 Concen: 18.702 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VN087903.D
 Acq: 19 Sep 2025 11:59

Instrument :
 MSVOA_N
 ClientSampleId :

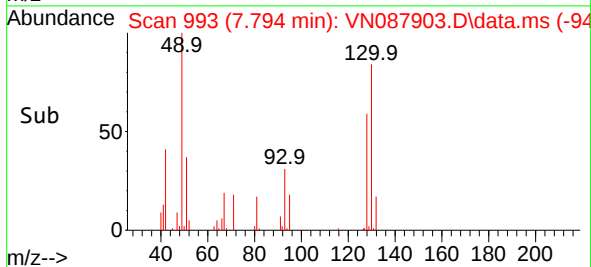
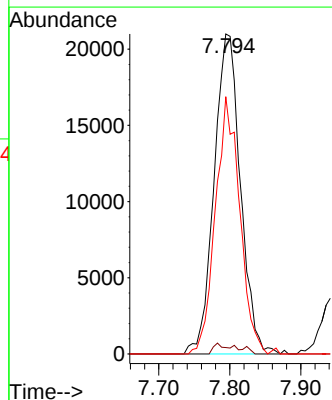
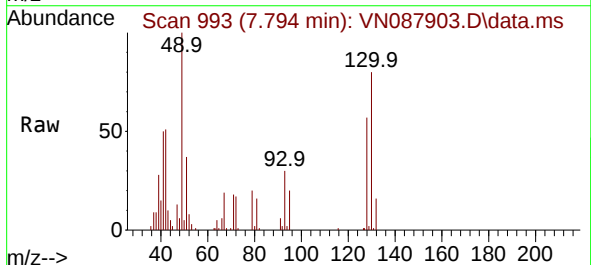


Tgt Ion: 96 Resp: 83682
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 301.8
 98 63.1 0.0 126.2



#28
 Bromochloromethane
 Concen: 15.100 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087903.D
 Acq: 19 Sep 2025 11:59

Tgt Ion: 49 Resp: 54055
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 3.0
 130 74.1 53.1 79.7





#29

Tetrahydrofuran

Concen: 90.076 ug/l

RT: 7.830 min Scan# 998

Delta R.T. 0.006 min

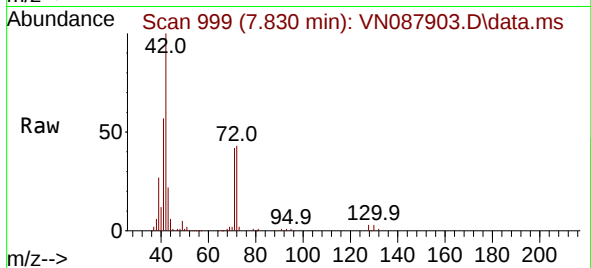
Lab File: VN087903.D

Acq: 19 Sep 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :



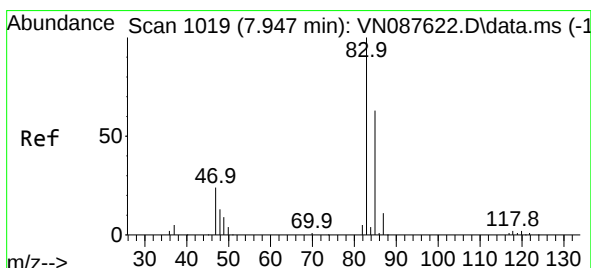
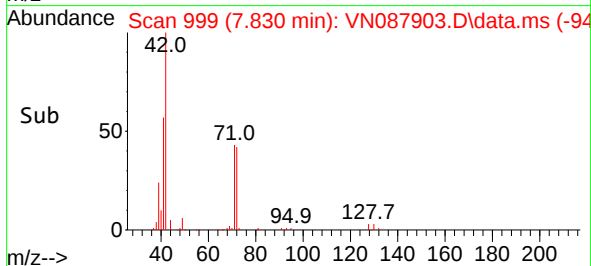
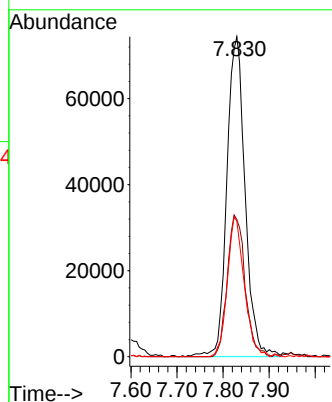
Tgt Ion: 42 Resp: 203758

Ion Ratio Lower Upper

42 100

72 43.3 33.7 50.5

71 40.6 31.9 47.9



#30

Chloroform

Concen: 18.875 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087903.D

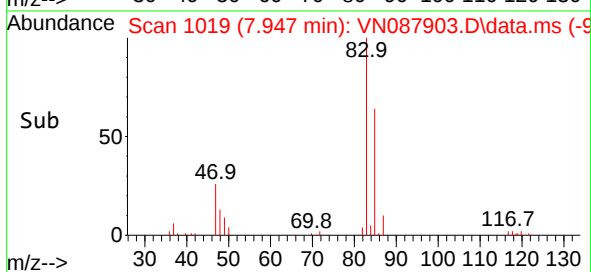
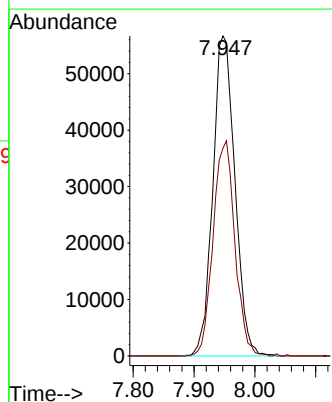
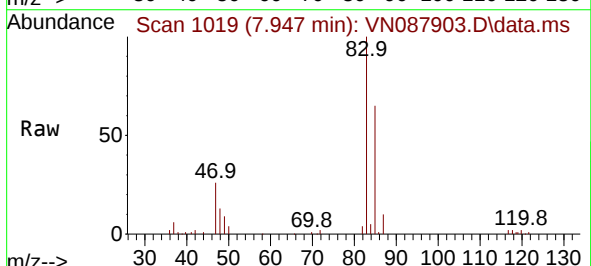
Acq: 19 Sep 2025 11:59

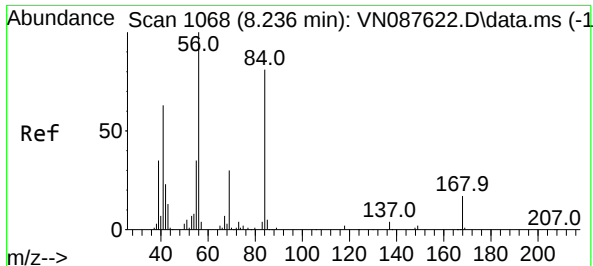
Tgt Ion: 83 Resp: 142659

Ion Ratio Lower Upper

83 100

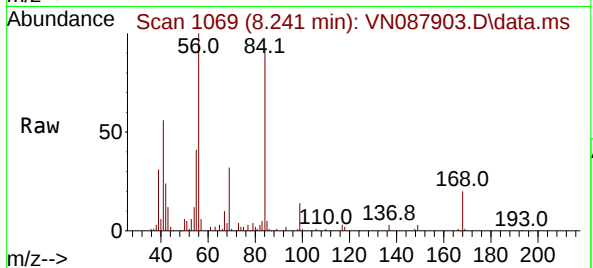
85 64.9 50.7 76.1



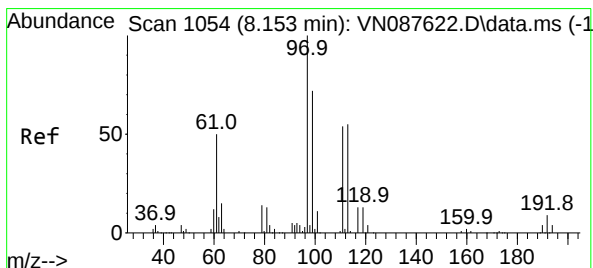
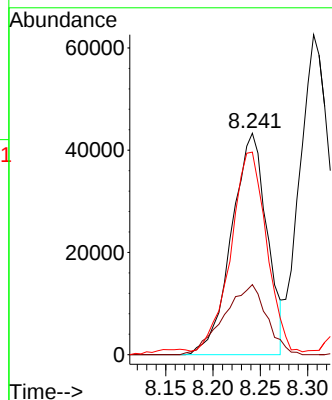
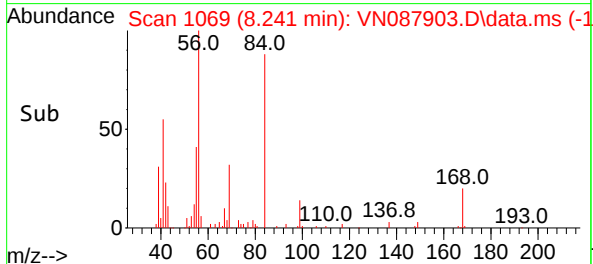


#31
Cyclohexane
Concen: 18.277 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Instrument :
MSVOA_N
ClientSampleId :

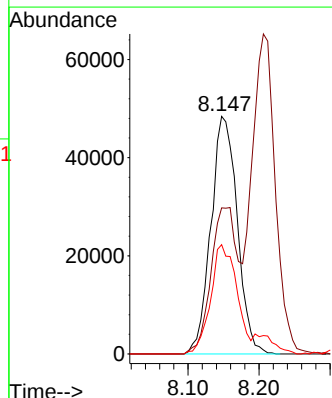
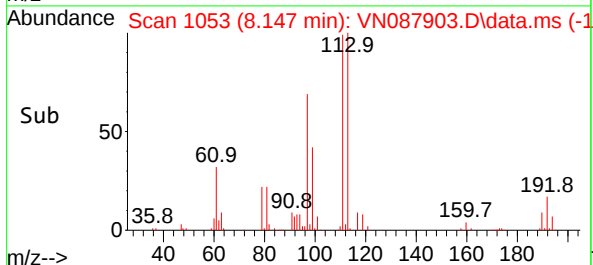
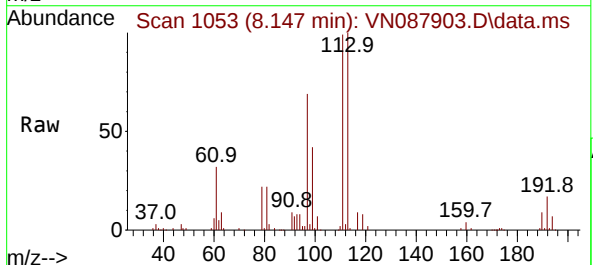


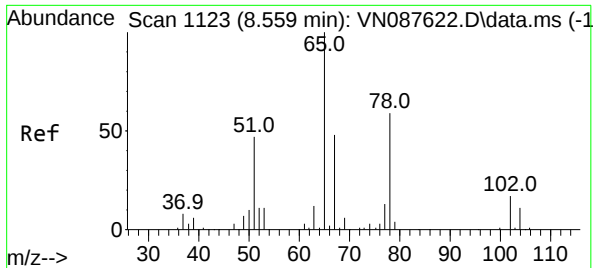
Tgt Ion: 56 Resp: 112828
Ion Ratio Lower Upper
56 100
69 31.6 23.7 35.5
84 89.0 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 19.464 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Tgt Ion: 97 Resp: 124671
Ion Ratio Lower Upper
97 100
99 64.0 52.2 78.2
61 45.8 41.2 61.8

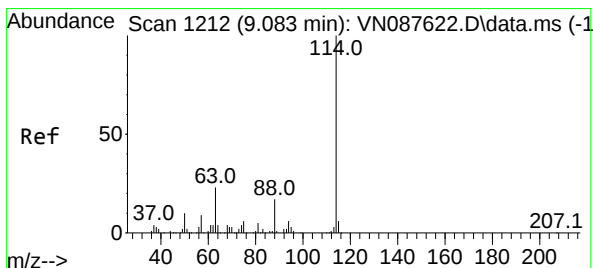
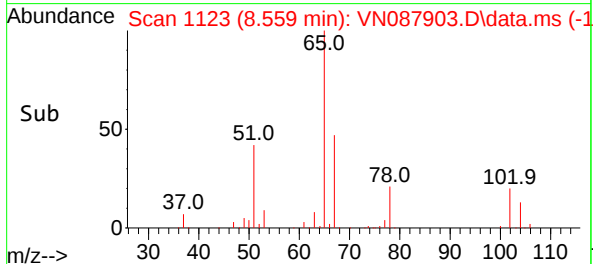
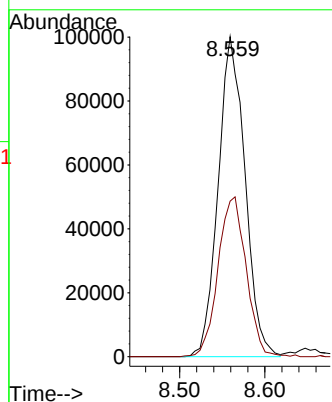
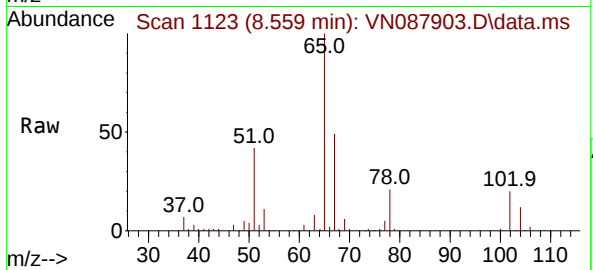




#33
 1,2-Dichloroethane-d4
 Concen: 44.707 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. 0.000 min
 Lab File: VN087903.D
 Acq: 19 Sep 2025 11:59

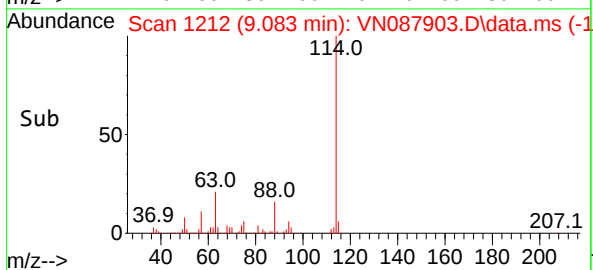
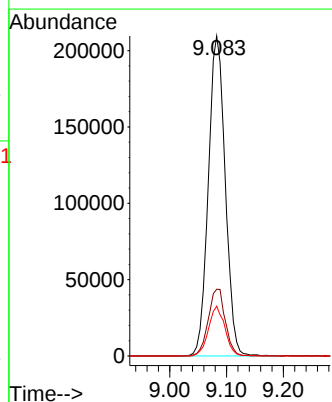
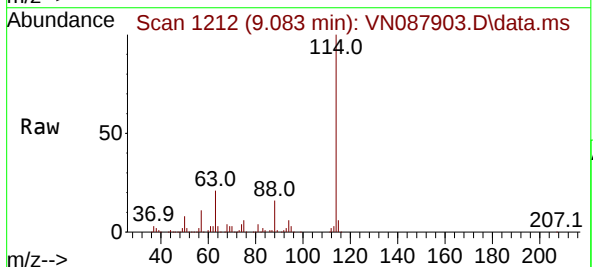
Instrument :
 MSVOA_N
 ClientSampleId :

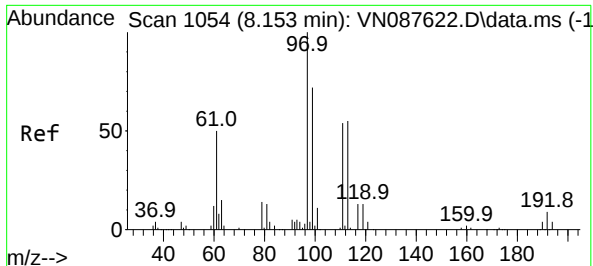
Tgt Ion: 65 Resp: 219419
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 100.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.083 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087903.D
 Acq: 19 Sep 2025 11:59

Tgt Ion: 114 Resp: 431610
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 45.2
 88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.923 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087903.D

Acq: 19 Sep 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

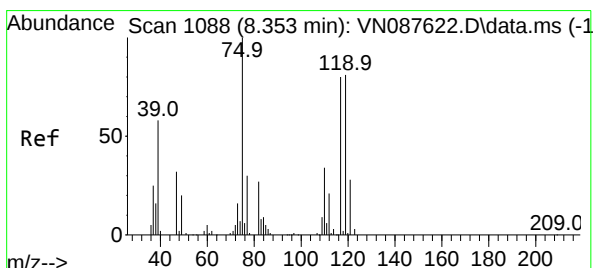
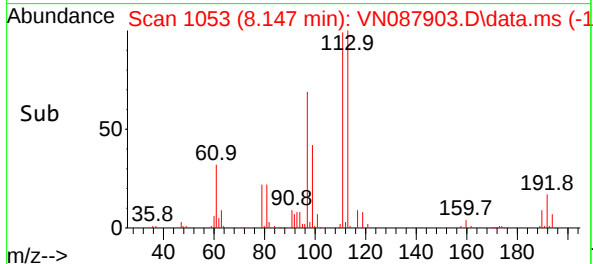
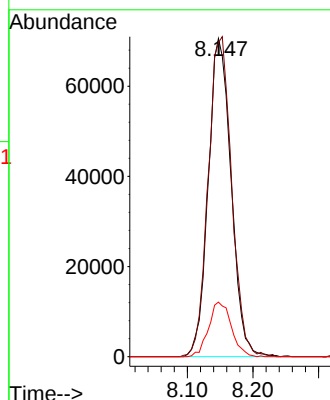
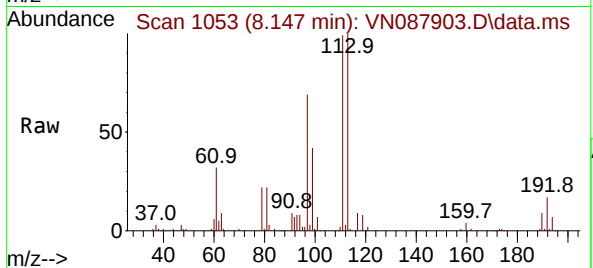
Tgt Ion:113 Resp: 171153

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

192 17.1 12.8 19.2



#36

1,1-Dichloropropene

Concen: 19.836 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087903.D

Acq: 19 Sep 2025 11:59

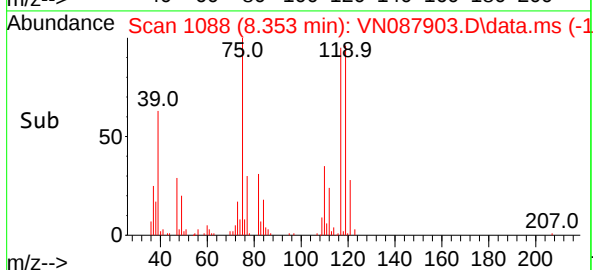
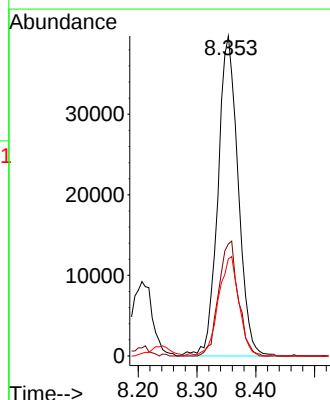
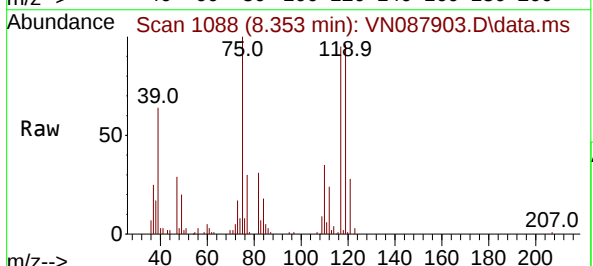
Tgt Ion: 75 Resp: 94829

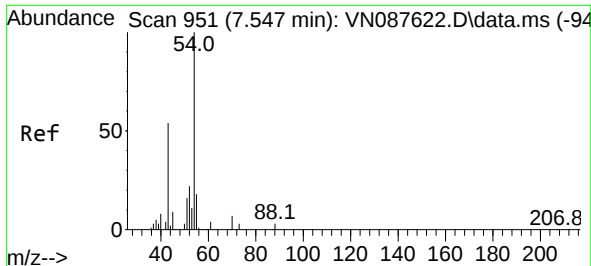
Ion Ratio Lower Upper

75 100

110 34.9 15.9 47.6

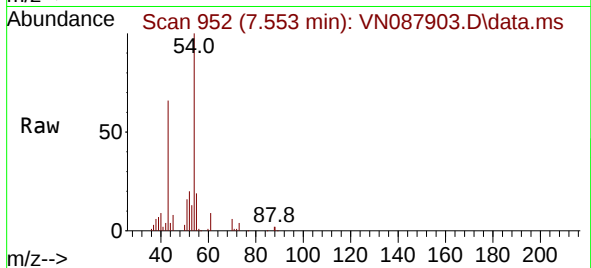
77 31.3 24.4 36.6



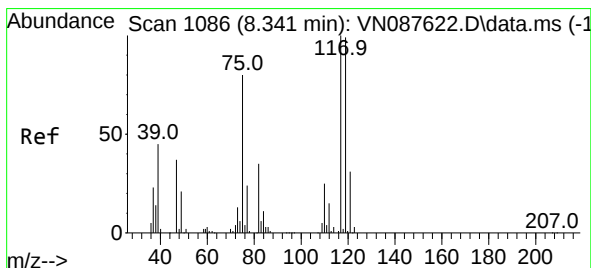
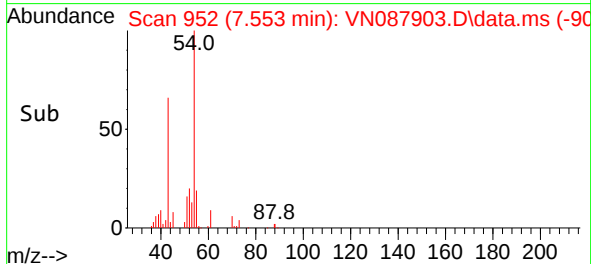
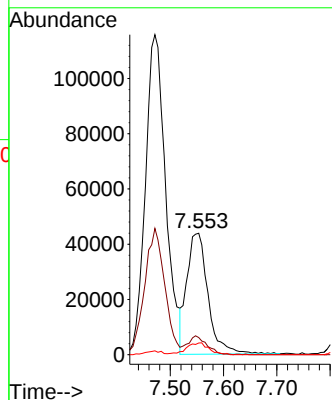


#37
Ethyl Acetate
Concen: 18.504 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Instrument :
MSVOA_N
ClientSampleId :

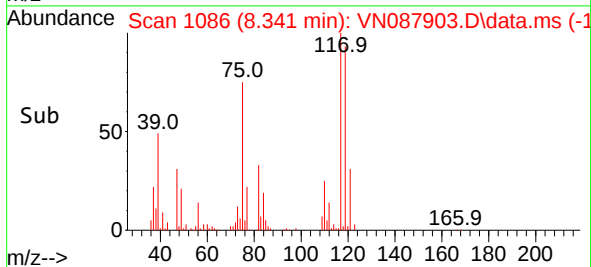
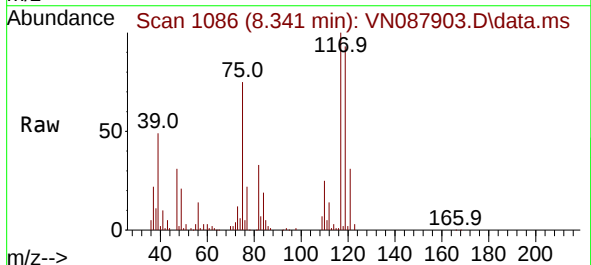
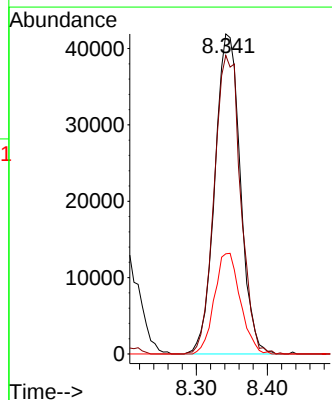


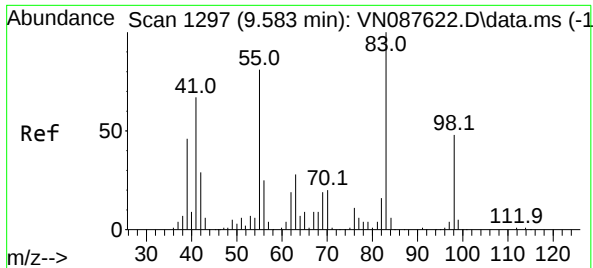
Tgt Ion: 43 Resp: 120879
Ion Ratio Lower Upper
43 100
61 13.3 9.3 13.9
70 10.4 7.0 10.6



#38
Carbon Tetrachloride
Concen: 22.063 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Tgt Ion: 117 Resp: 104141
Ion Ratio Lower Upper
117 100
119 93.3 79.0 118.6
121 31.3 25.0 37.6

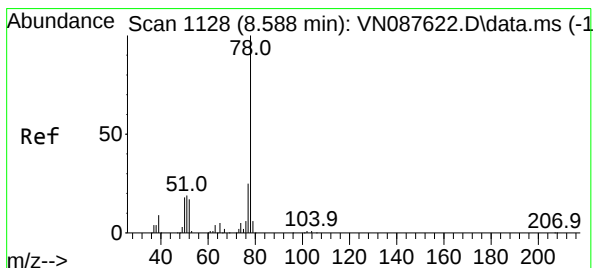
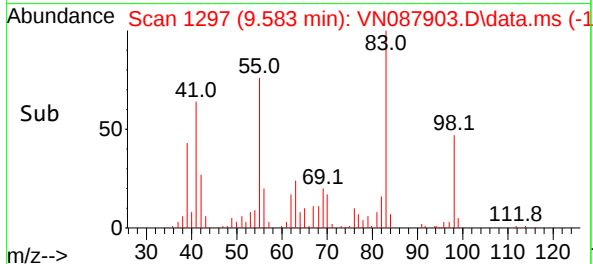
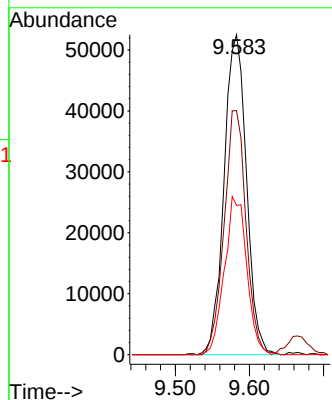
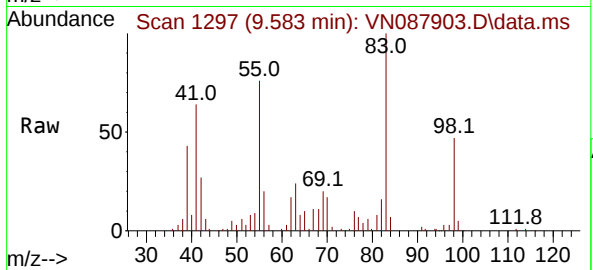




#39
Methylcyclohexane
Concen: 20.962 ug/l
RT: 9.583 min Scan# 110331
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

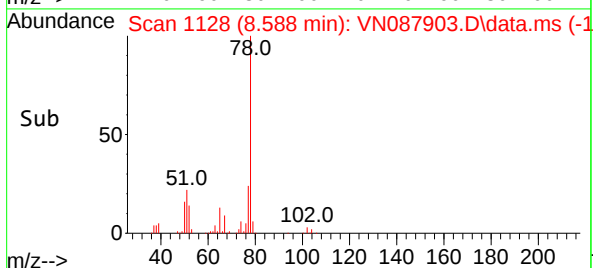
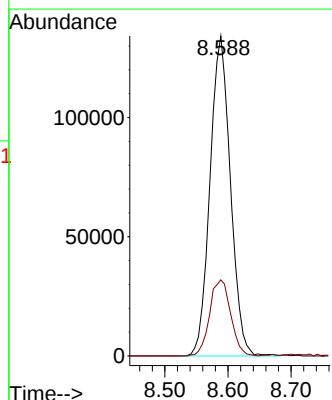
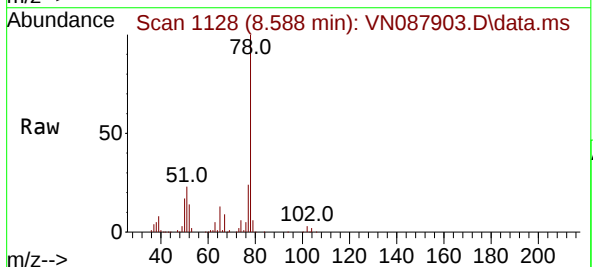
Instrument :
MSVOA_N
ClientSampleId :

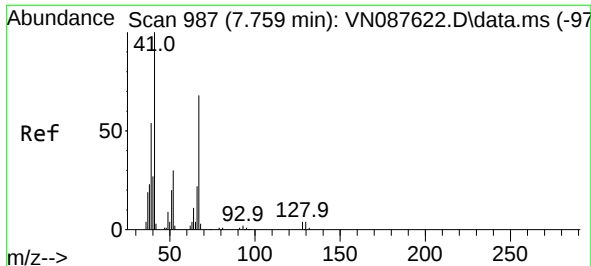
Tgt Ion: 83 Resp: 110331
Ion Ratio Lower Upper
83 100
55 76.3 64.6 96.8
98 46.7 38.4 57.6



#40
Benzene
Concen: 20.566 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Tgt Ion: 78 Resp: 301563
Ion Ratio Lower Upper
78 100
77 23.8 19.7 29.5

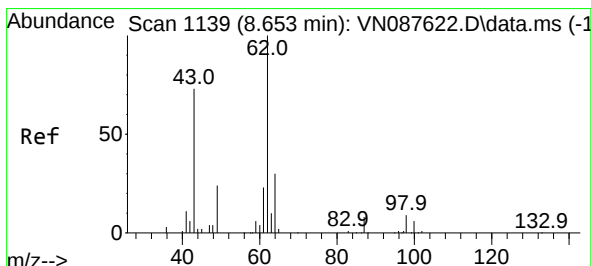
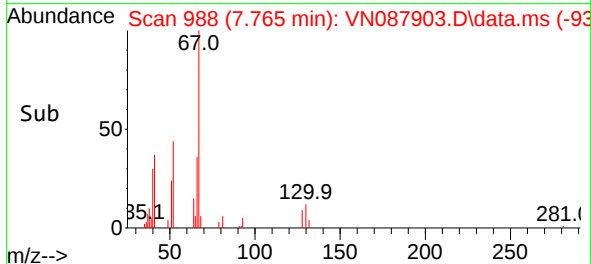
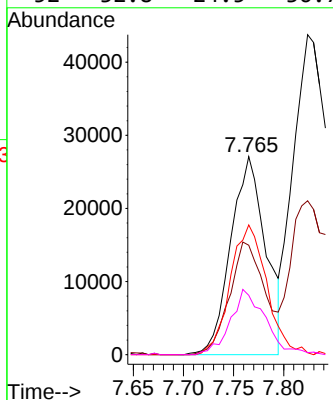
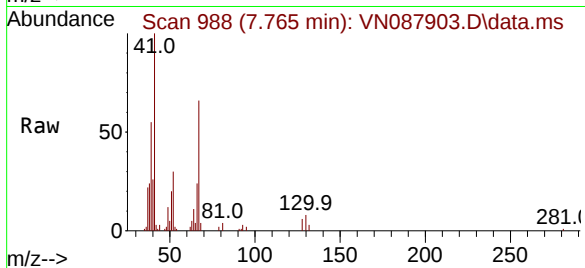




#41
Methacrylonitrile
Concen: 19.469 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

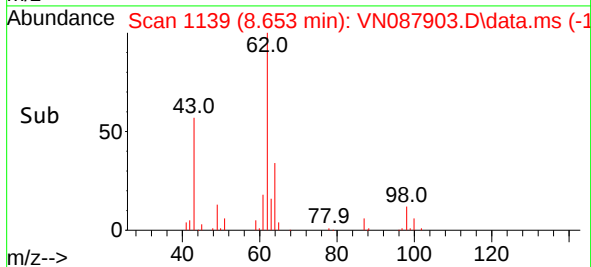
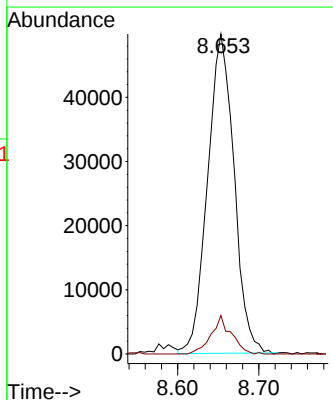
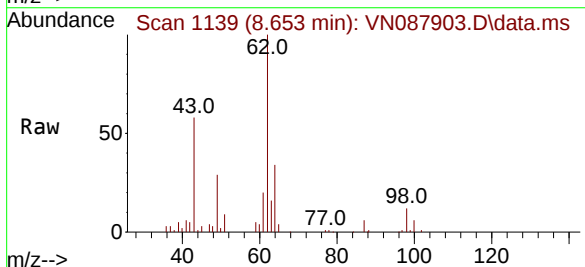
Instrument :
MSVOA_N
ClientSampleId :

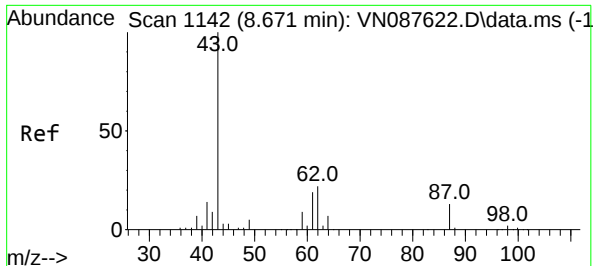
Tgt Ion:	41	Resp:	65881
Ion	Ratio	Lower	Upper
41	100		
39	57.7	45.4	68.0
67	68.1	55.3	82.9
52	32.8	24.5	36.7



#42
1,2-Dichloroethane
Concen: 20.002 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Tgt Ion:	62	Resp:	112704
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.4

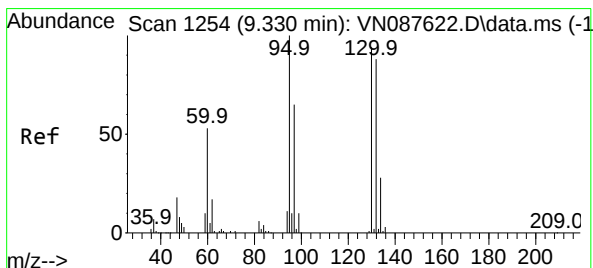
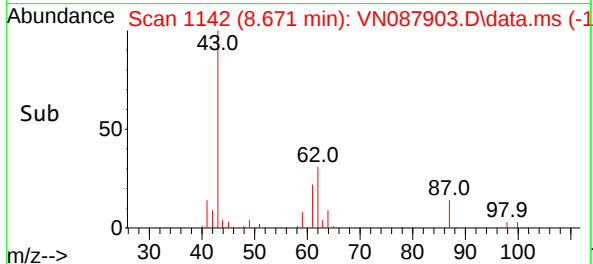
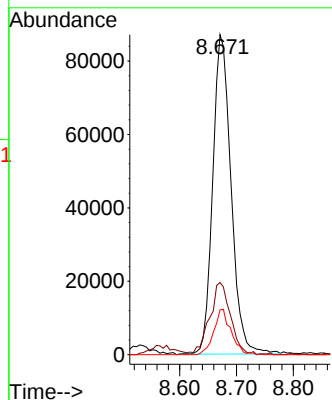
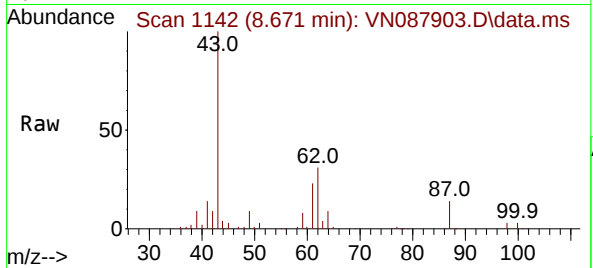




#43
Isopropyl Acetate
Concen: 19.063 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

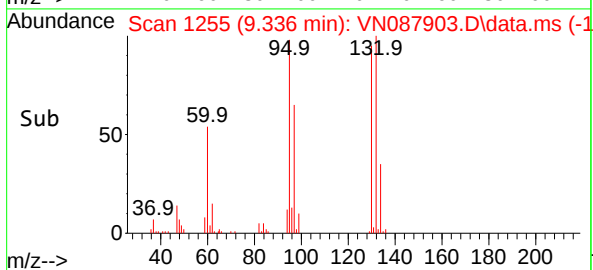
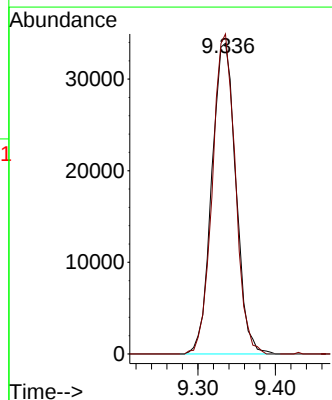
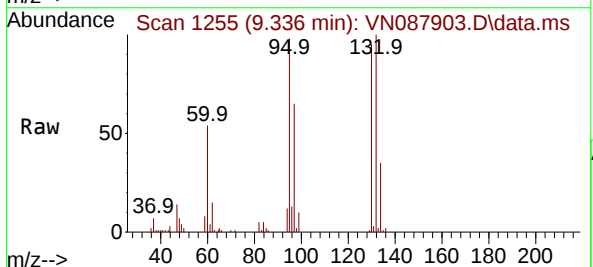
Instrument :
MSVOA_N
ClientSampleId :

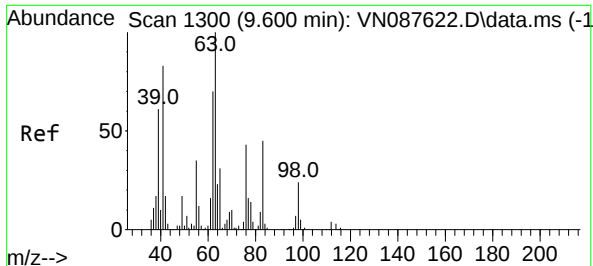
Tgt Ion: 43 Resp: 194426
Ion Ratio Lower Upper
43 100
61 25.1 18.8 28.2
87 13.4 9.6 14.4



#44
Trichloroethene
Concen: 21.839 ug/l
RT: 9.336 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Tgt Ion:130 Resp: 73111
Ion Ratio Lower Upper
130 100
95 103.0 0.0 212.0





#45

1,2-Dichloropropane

Concen: 19.795 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087903.D

Acq: 19 Sep 2025 11:59

Instrument :

MSVOA_N

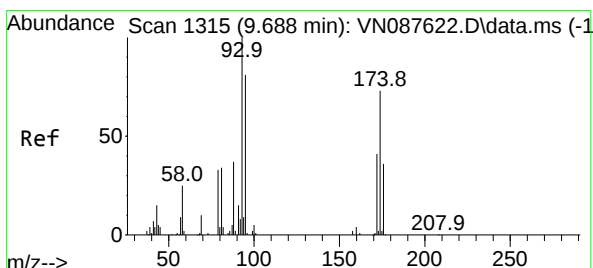
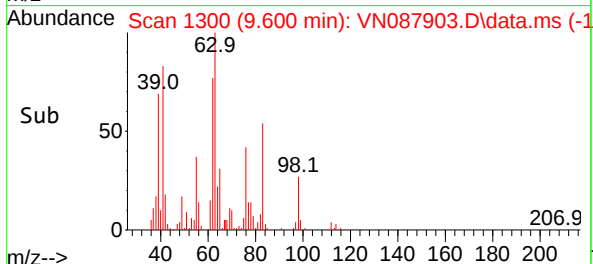
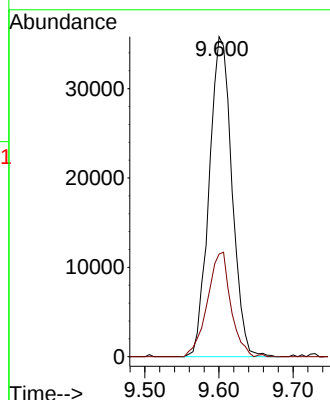
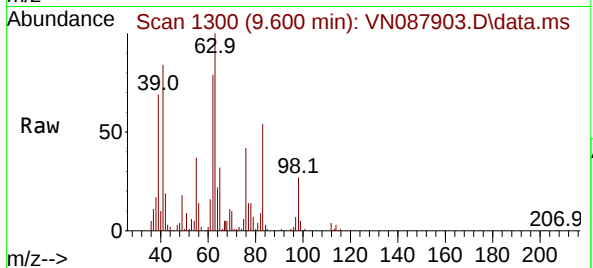
ClientSampleId :

Tgt Ion: 63 Resp: 76507

Ion Ratio Lower Upper

63 100

65 32.0 25.0 37.4



#46

Dibromomethane

Concen: 21.977 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087903.D

Acq: 19 Sep 2025 11:59

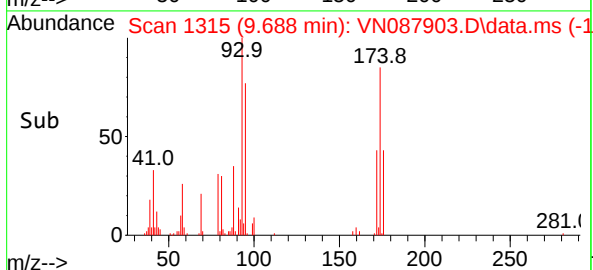
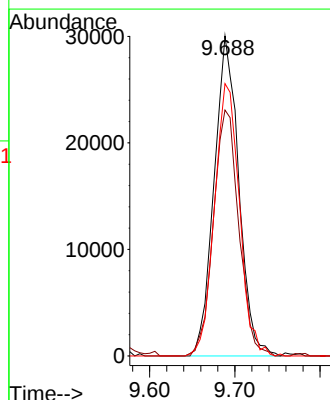
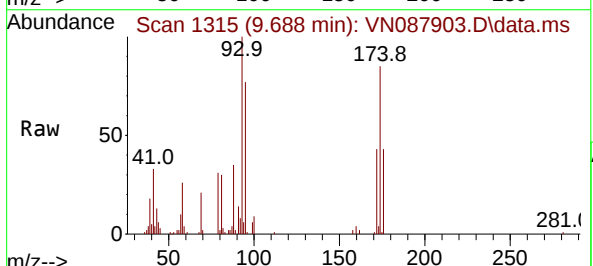
Tgt Ion: 93 Resp: 60446

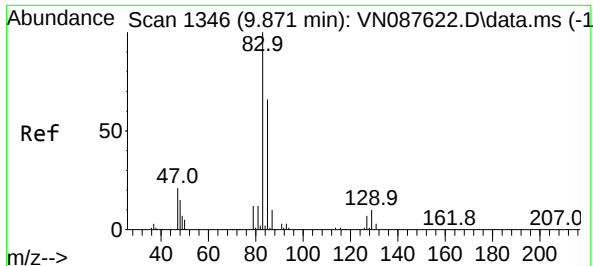
Ion Ratio Lower Upper

93 100

95 79.0 66.2 99.4

174 85.9 63.4 95.2





#47

Bromodichloromethane

Concen: 20.957 ug/l

RT: 9.871 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087903.D

Acq: 19 Sep 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

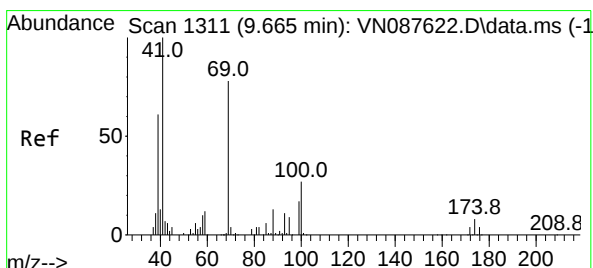
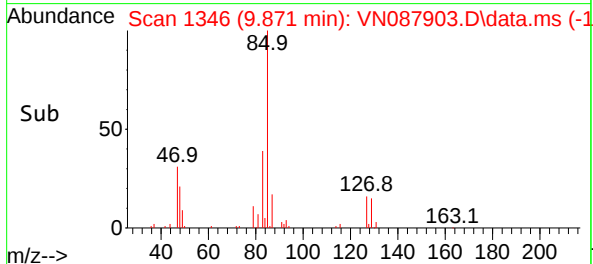
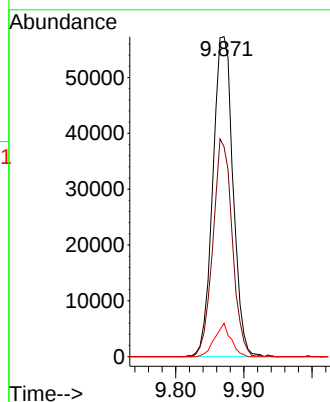
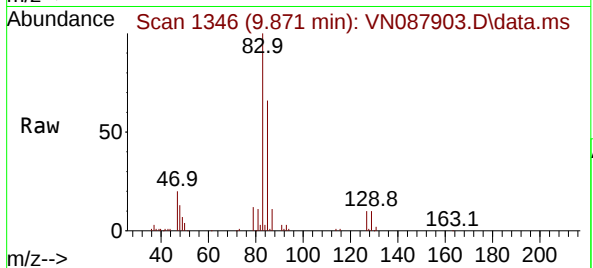
Tgt Ion: 83 Resp: 118133

Ion Ratio Lower Upper

83 100

85 65.6 52.5 78.7

127 10.5 5.8 8.6#



#48

Methyl methacrylate

Concen: 18.379 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VN087903.D

Acq: 19 Sep 2025 11:59

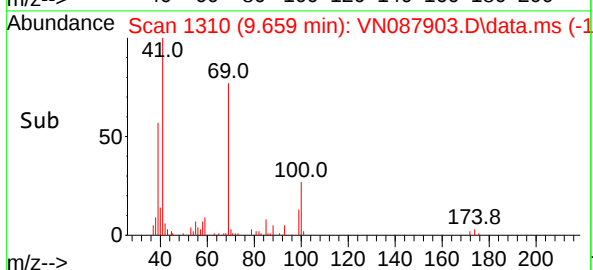
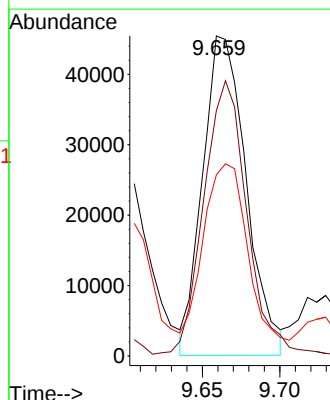
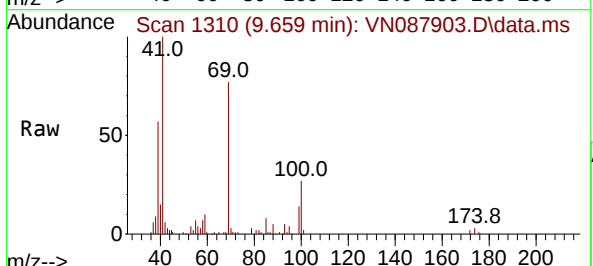
Tgt Ion: 41 Resp: 88667

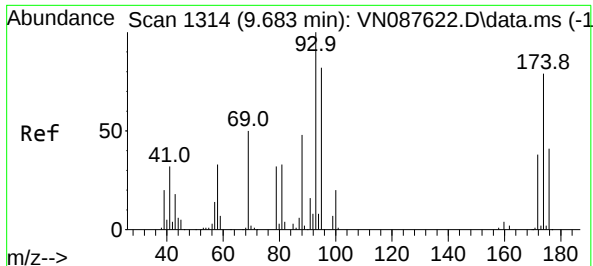
Ion Ratio Lower Upper

41 100

69 84.8 62.7 94.1

39 64.3 52.9 79.3





#49

1,4-Dioxane

Concen: 447.006 ug/l

RT: 9.683 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087903.D

Acq: 19 Sep 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

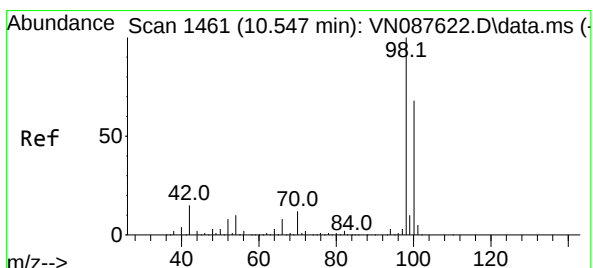
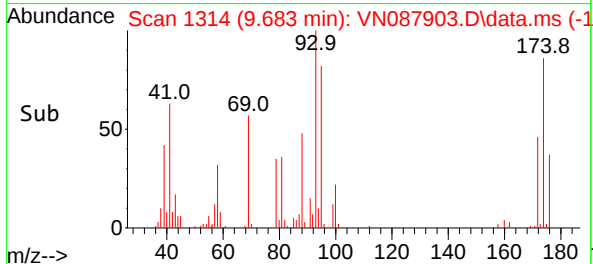
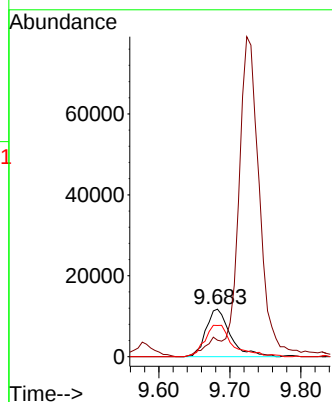
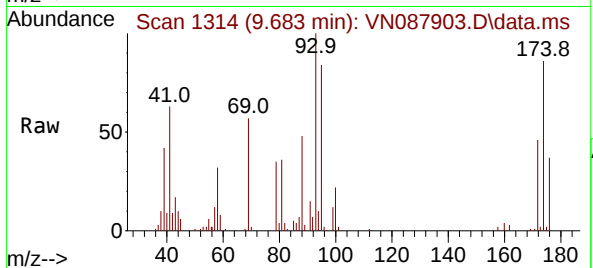
Tgt Ion: 88 Resp: 27951

Ion Ratio Lower Upper

88 100

43 28.4 0.0 0.0#

58 74.3 57.9 86.9



#50

Toluene-d8

Concen: 50.581 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087903.D

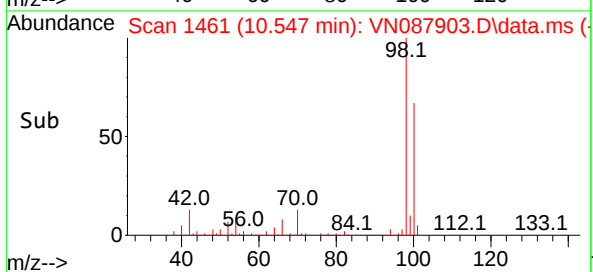
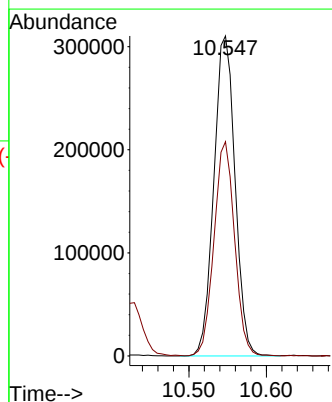
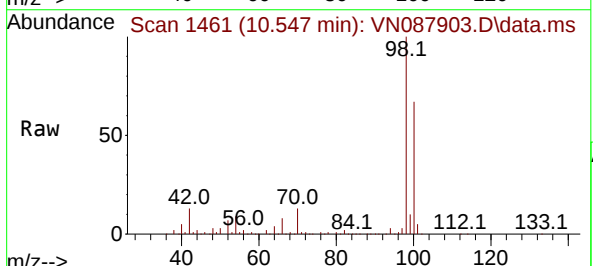
Acq: 19 Sep 2025 11:59

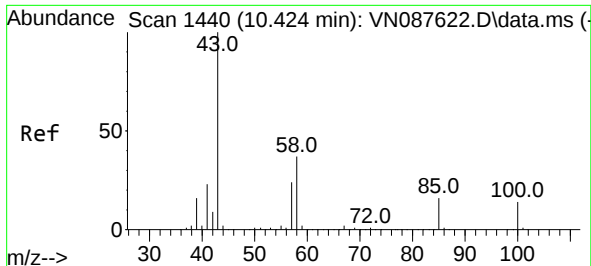
Tgt Ion: 98 Resp: 589943

Ion Ratio Lower Upper

98 100

100 64.9 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 101.261 ug/l

RT: 10.424 min Scan# 1440

Delta R.T. 0.000 min

Lab File: VN087903.D

Acq: 19 Sep 2025 11:59

Instrument :

MSVOA_N

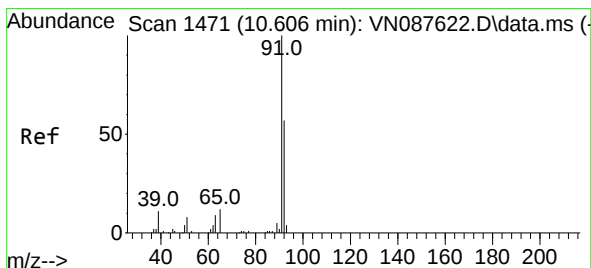
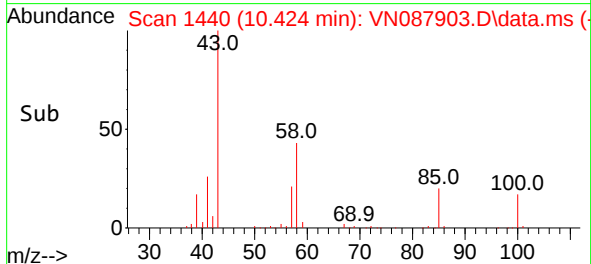
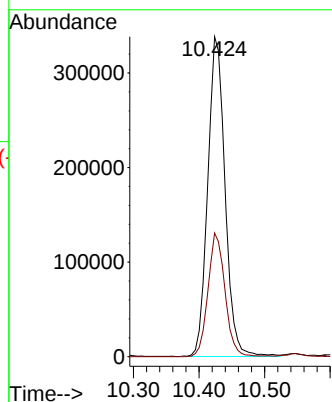
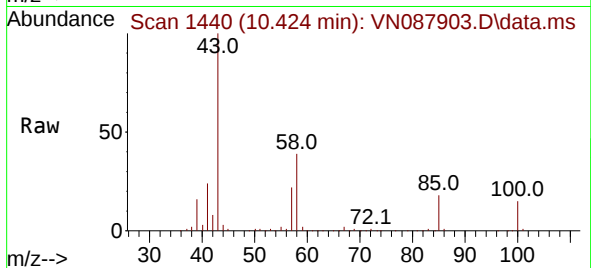
ClientSampleId :

Tgt Ion: 43 Resp: 623121

Ion Ratio Lower Upper

43 100

58 37.8 29.6 44.4



#52

Toluene

Concen: 21.269 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VN087903.D

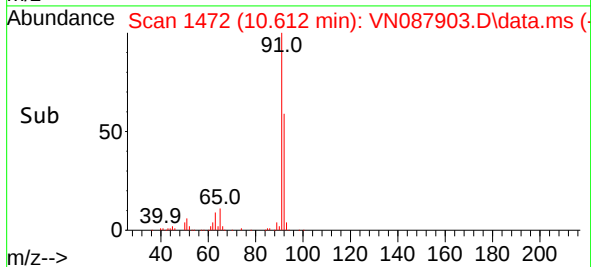
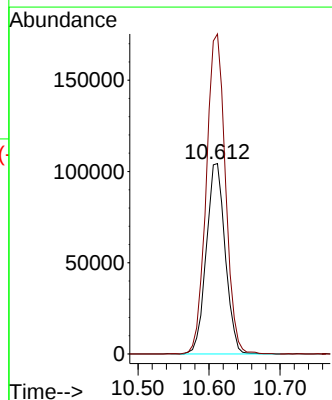
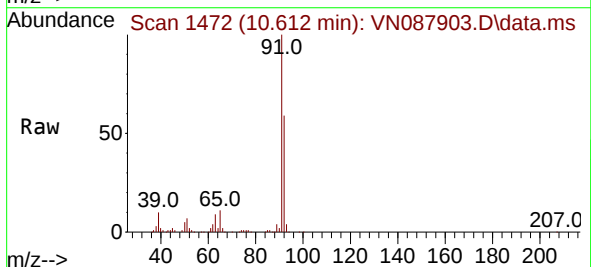
Acq: 19 Sep 2025 11:59

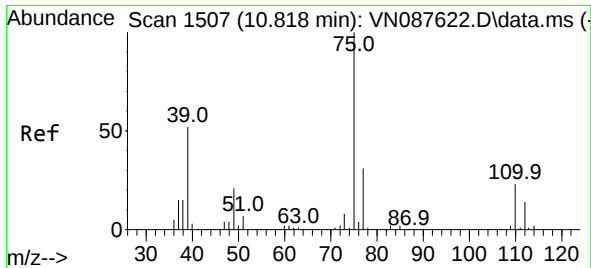
Tgt Ion: 92 Resp: 193337

Ion Ratio Lower Upper

92 100

91 170.2 140.4 210.6

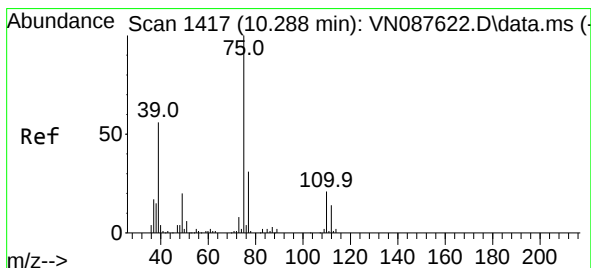
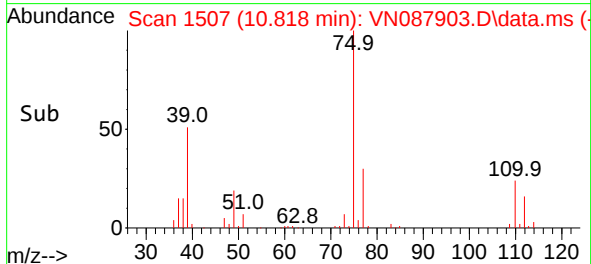
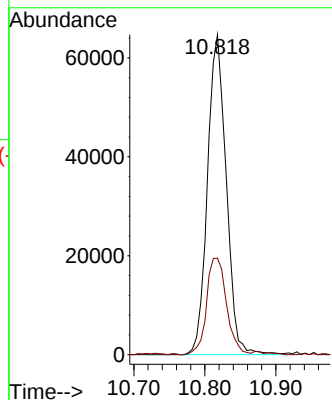
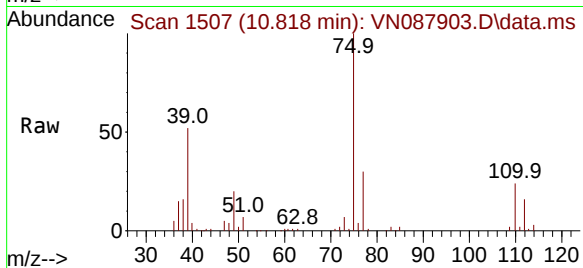




#53
 t-1,3-Dichloropropene
 Concen: 20.368 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN087903.D
 Acq: 19 Sep 2025 11:59

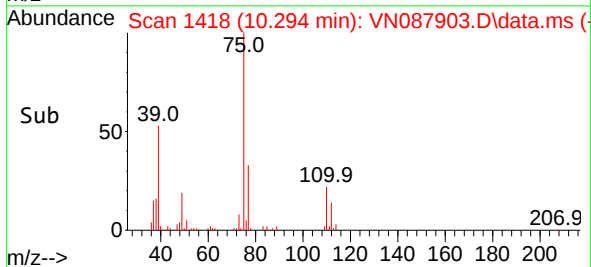
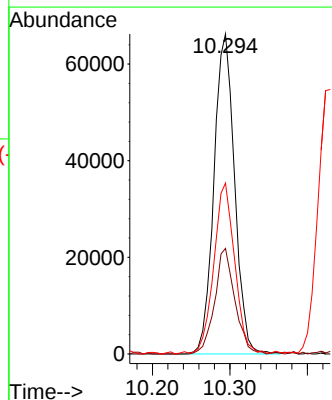
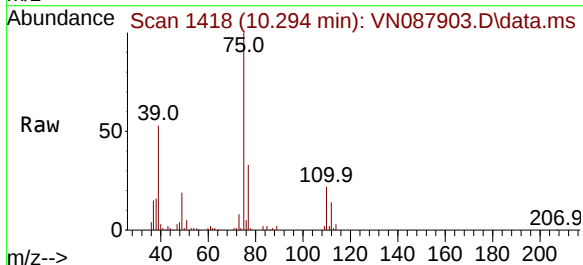
Instrument :
 MSVOA_N
 ClientSampleId :

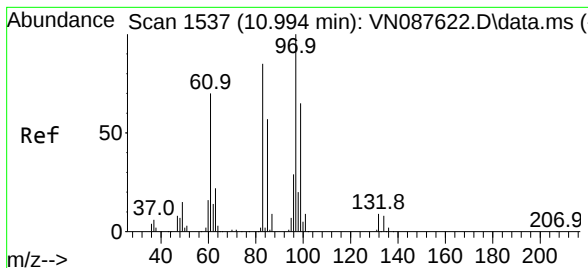
Tgt Ion: 75 Resp: 118842
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.269 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087903.D
 Acq: 19 Sep 2025 11:59

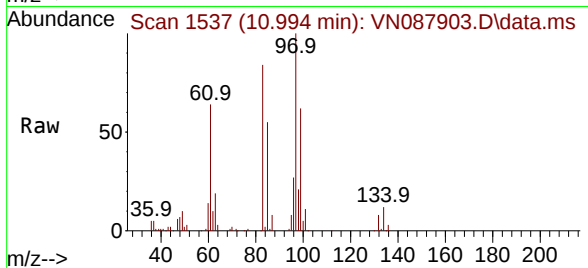
Tgt Ion: 75 Resp: 122797
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.6 37.0
 39 53.1 45.2 67.8



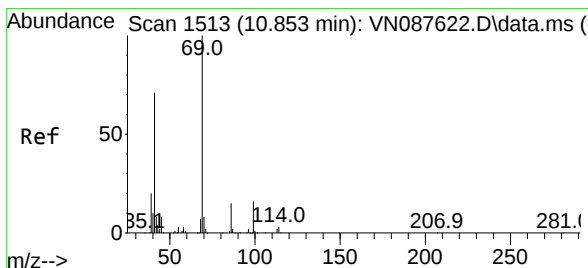
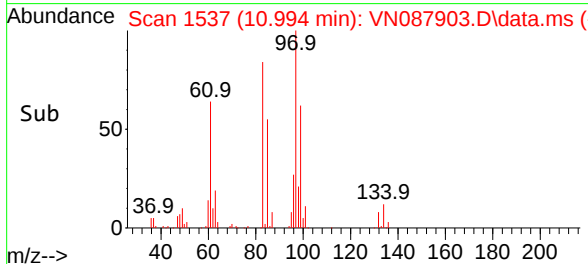
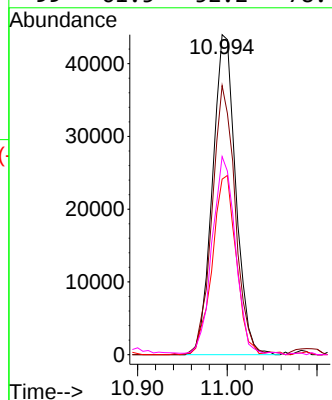


#55
 1,1,2-Trichloroethane
 Concen: 22.520 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN087903.D
 Acq: 19 Sep 2025 11:59

Instrument :
 MSVOA_N
 ClientSampleId :

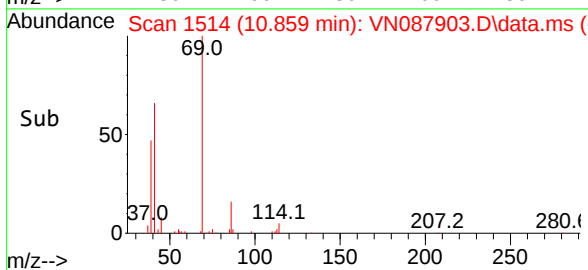
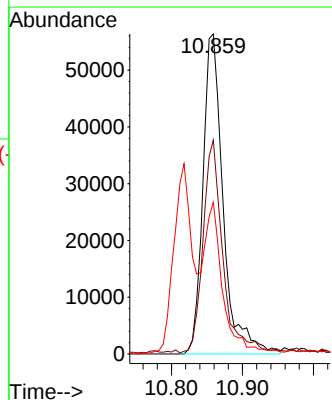
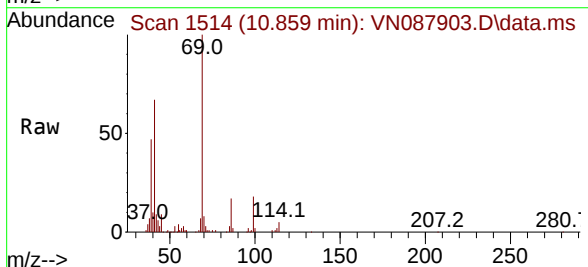


Tgt Ion:	97	Resp:	79191
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.2	102.4
85	54.9	45.5	68.3
99	61.5	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 19.956 ug/l
 RT: 10.859 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: VN087903.D
 Acq: 19 Sep 2025 11:59

Tgt Ion:	69	Resp:	112150
Ion	Ratio	Lower	Upper
69	100		
41	64.5	56.5	84.7
39	44.5	34.2	51.4





#57

1,3-Dichloropropane

Concen: 21.188 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN087903.D

Acq: 19 Sep 2025 11:59

Instrument :

MSVOA_N

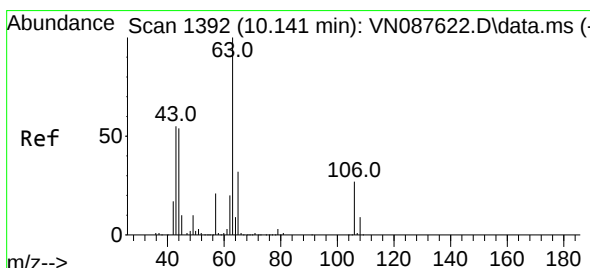
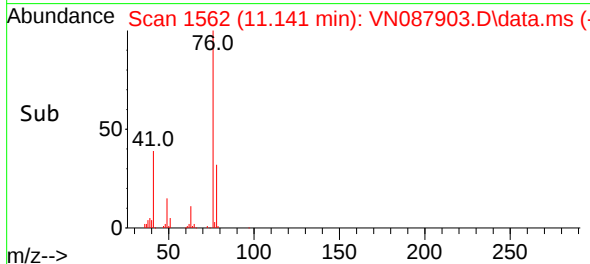
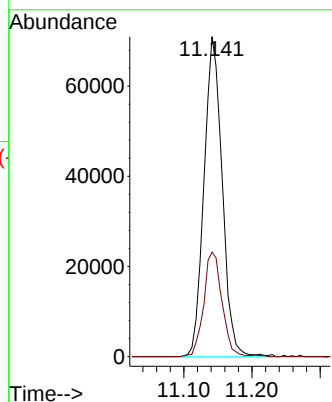
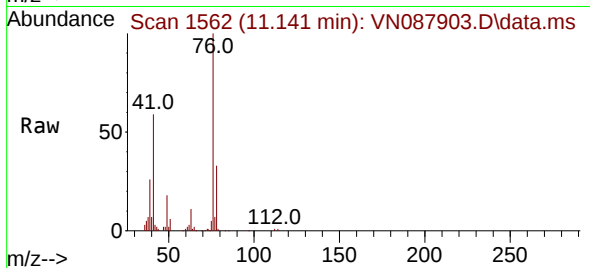
ClientSampleId :

Tgt Ion: 76 Resp: 131865

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 86.809 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087903.D

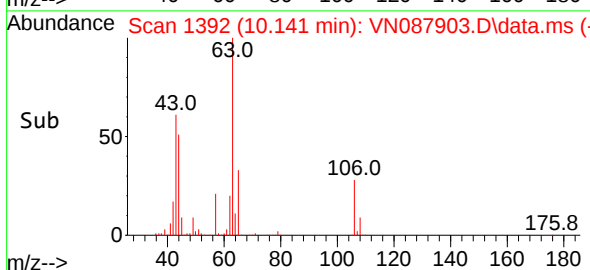
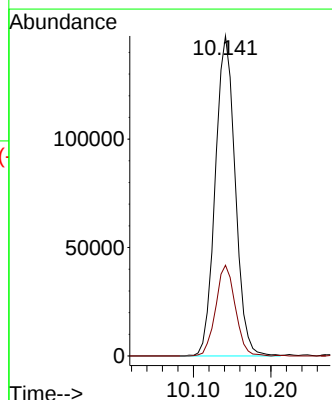
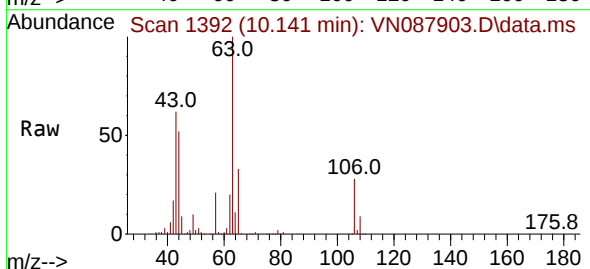
Acq: 19 Sep 2025 11:59

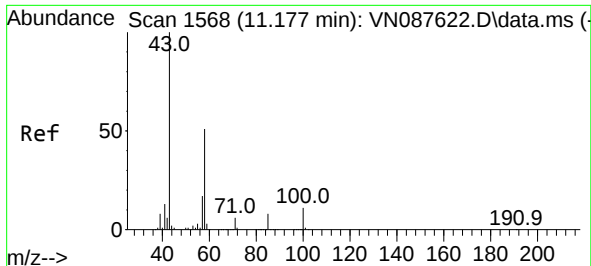
Tgt Ion: 63 Resp: 264052

Ion Ratio Lower Upper

63 100

106 27.9 21.1 31.7

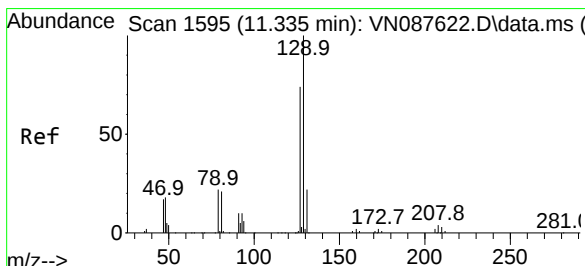
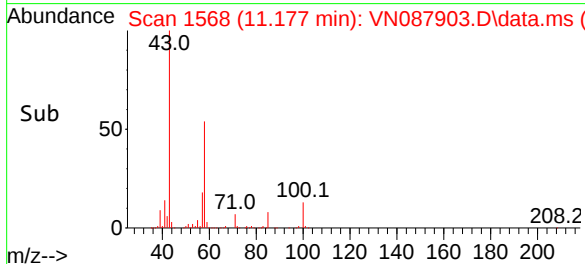
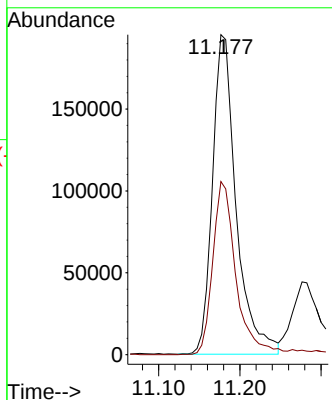
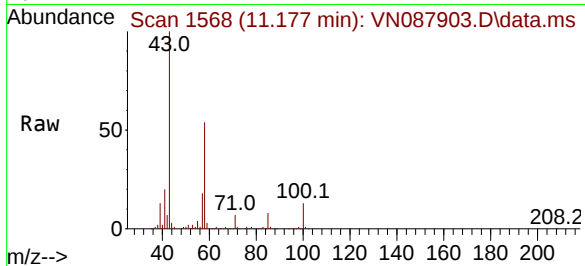




#59
2-Hexanone
Concen: 101.616 ug/l
RT: 11.177 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

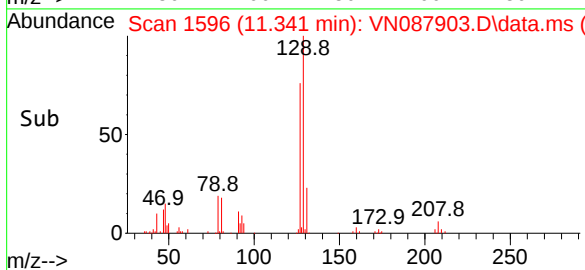
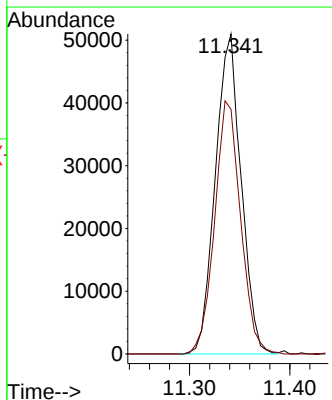
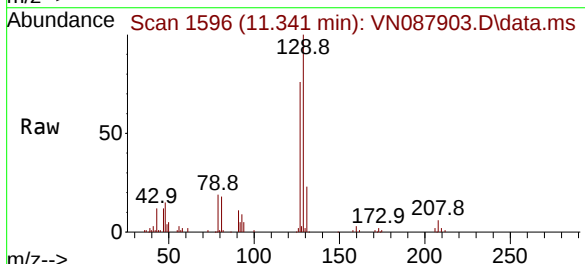
Instrument :
MSVOA_N
ClientSampleId :

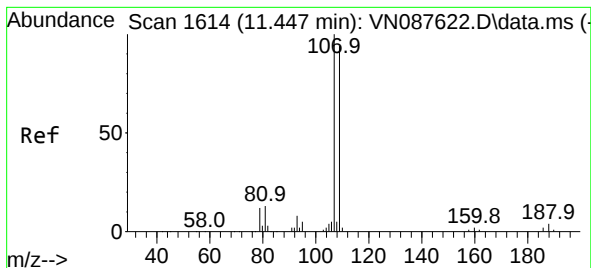
Tgt Ion: 43 Resp: 395194
Ion Ratio Lower Upper
43 100
58 53.2 25.9 77.8



#60
Dibromochloromethane
Concen: 22.301 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Tgt Ion:129 Resp: 90868
Ion Ratio Lower Upper
129 100
127 79.7 39.1 117.3

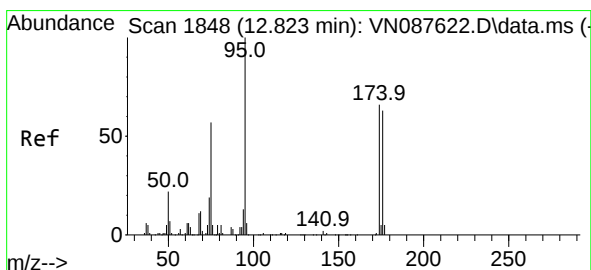
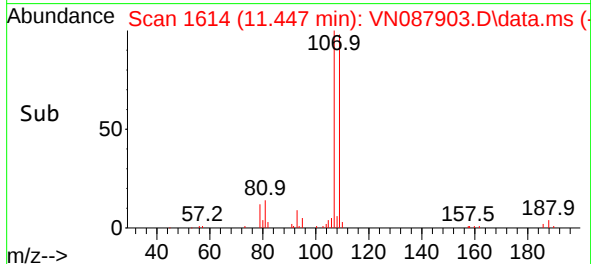
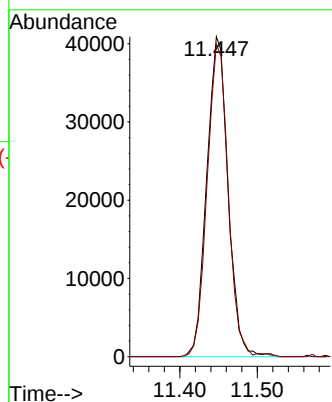
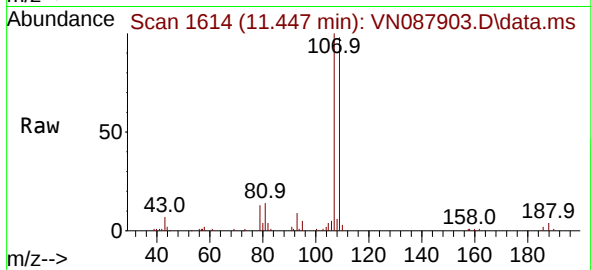




#61
1,2-Dibromoethane
Concen: 21.030 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

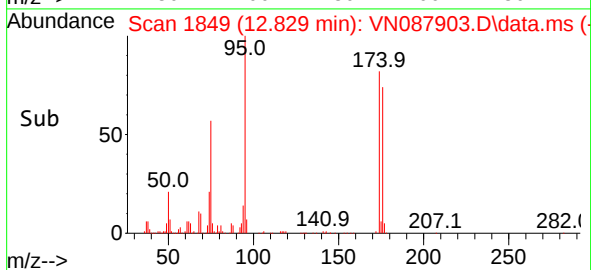
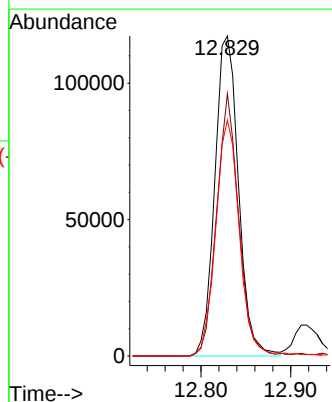
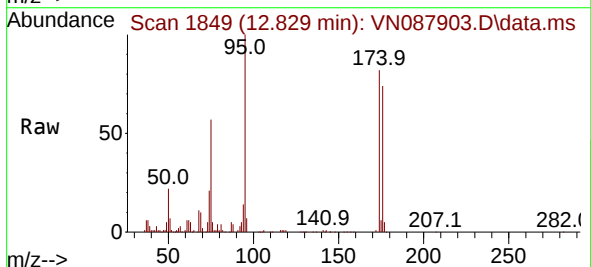
Instrument :
MSVOA_N
ClientSampleId :

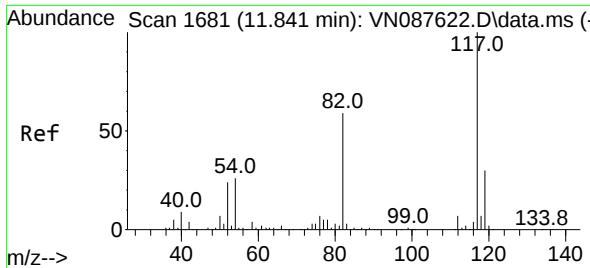
Tgt Ion:107 Resp: 77980
Ion Ratio Lower Upper
107 100
109 96.3 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 51.880 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Tgt Ion: 95 Resp: 215191
Ion Ratio Lower Upper
95 100
174 76.3 0.0 138.4
176 73.7 0.0 132.6

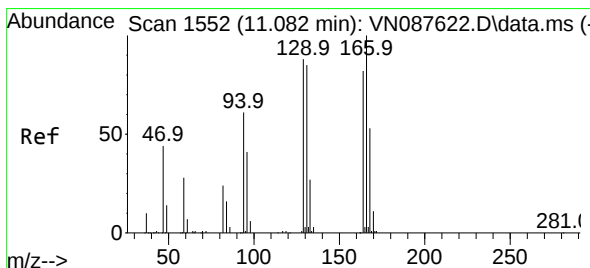
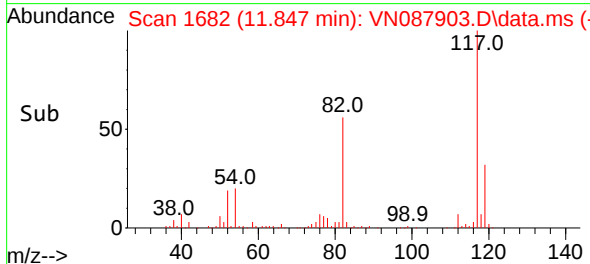
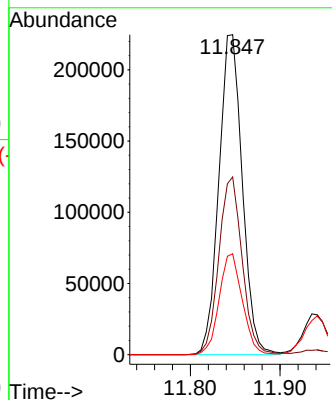
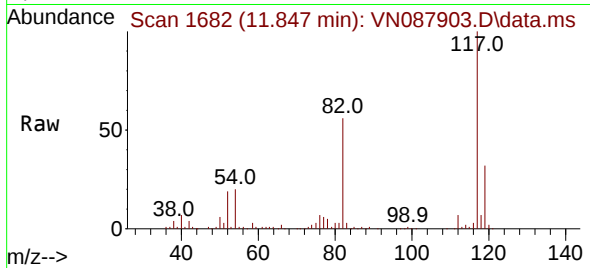




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11847
Delta R.T. 0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

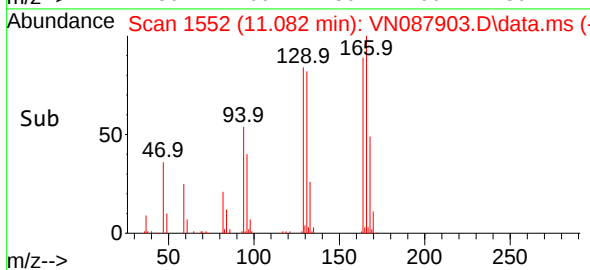
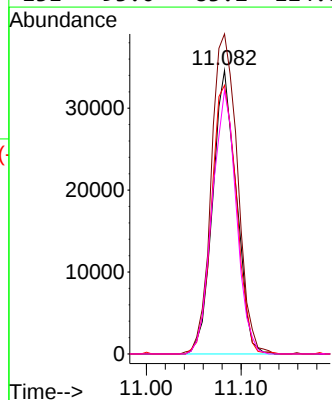
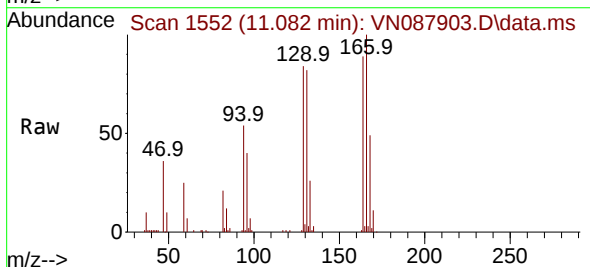
Instrument :
MSVOA_N
ClientSampleId :

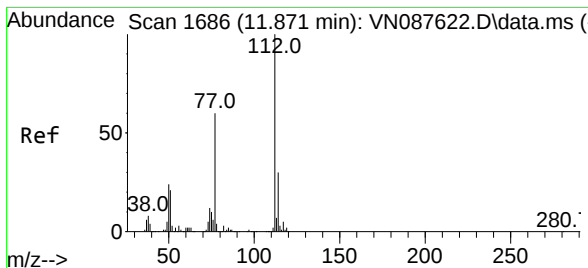
Tgt Ion:117 Resp: 407597
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 31.6 24.3 36.5



#64
Tetrachloroethene
Concen: 21.218 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Tgt Ion:164 Resp: 60003
Ion Ratio Lower Upper
164 100
166 112.8 97.7 146.5
129 94.7 85.9 128.9
131 93.0 83.2 124.8





#65

Chlorobenzene

Concen: 20.780 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087903.D

Acq: 19 Sep 2025 11:59

Instrument :

MSVOA_N

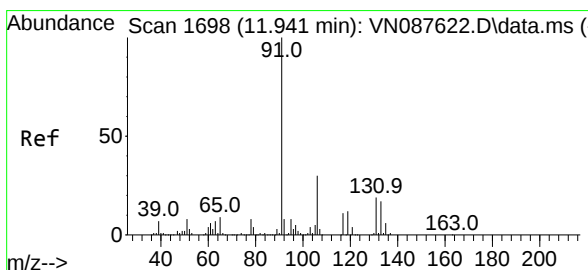
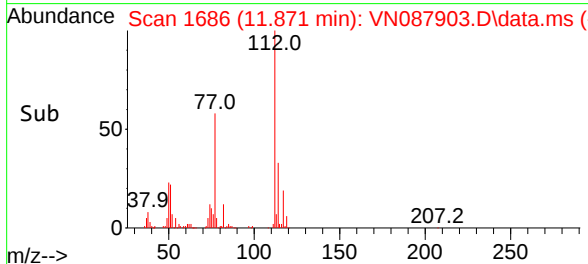
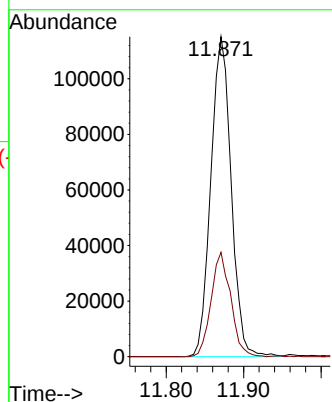
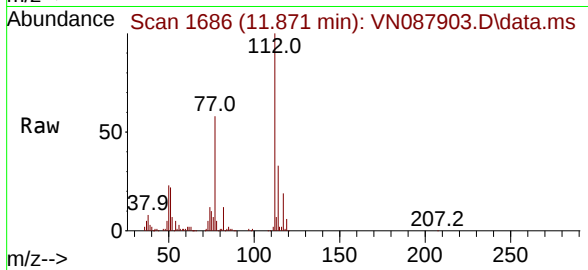
ClientSampleId :

Tgt Ion:112 Resp: 210718

Ion Ratio Lower Upper

112 100

114 32.6 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 22.421 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VN087903.D

Acq: 19 Sep 2025 11:59

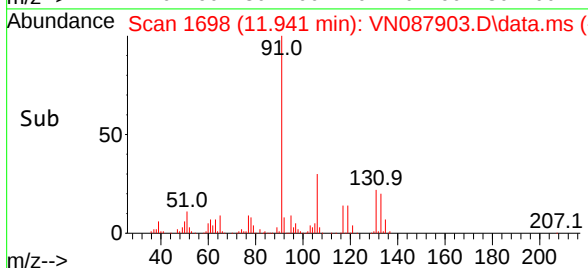
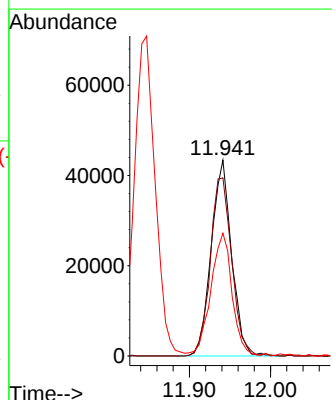
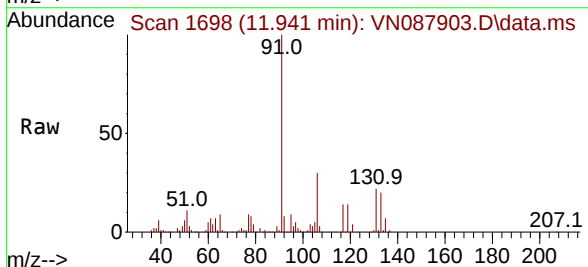
Tgt Ion:131 Resp: 75481

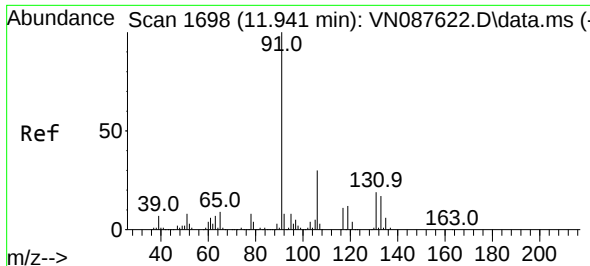
Ion Ratio Lower Upper

131 100

133 96.2 48.0 144.0

119 64.7 32.6 97.7





#67

Ethyl Benzene

Concen: 19.733 ug/l

RT: 11.941 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087903.D

Acq: 19 Sep 2025 11:59

Instrument :

MSVOA_N

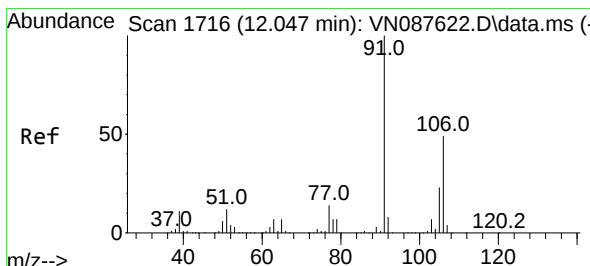
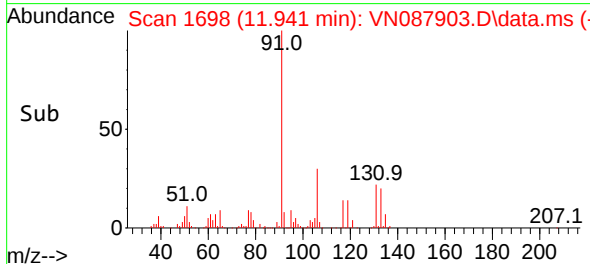
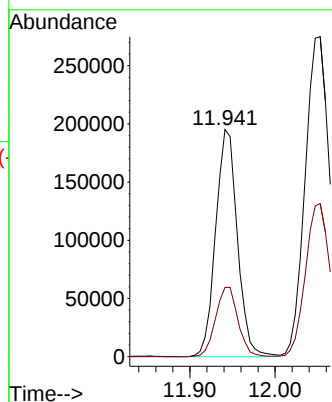
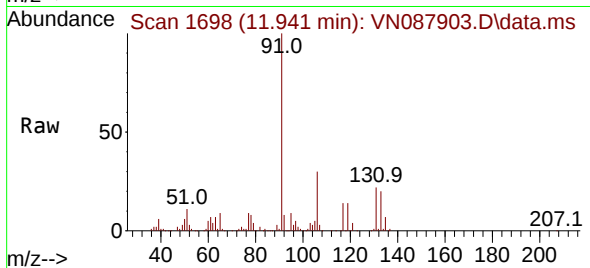
ClientSampleId :

Tgt Ion: 91 Resp: 346456

Ion Ratio Lower Upper

91 100

106 30.5 24.1 36.1



#68

m/p-Xylenes

Concen: 41.618 ug/l

RT: 12.053 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VN087903.D

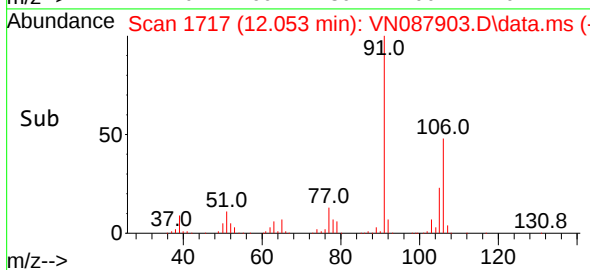
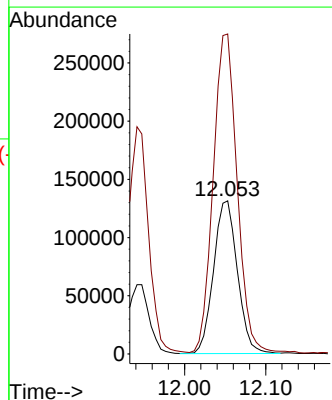
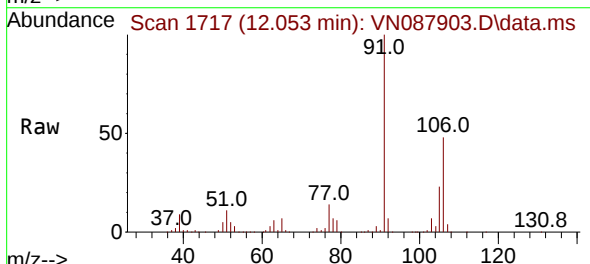
Acq: 19 Sep 2025 11:59

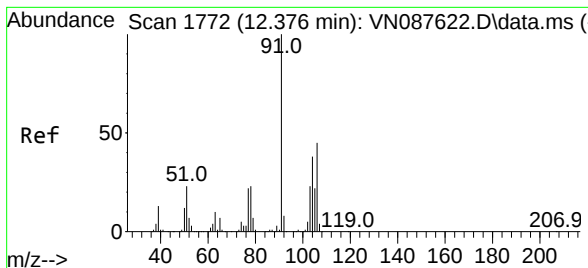
Tgt Ion:106 Resp: 267977

Ion Ratio Lower Upper

106 100

91 210.5 169.3 253.9

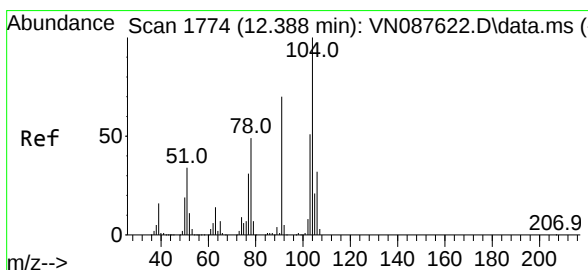
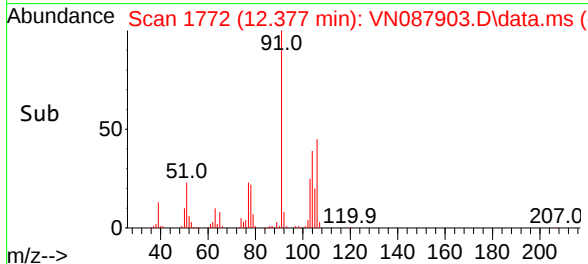
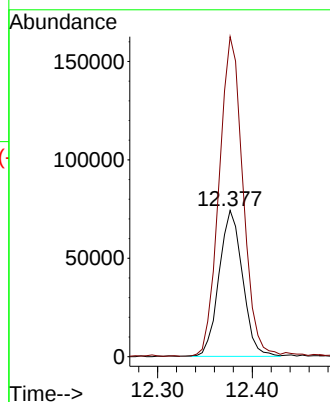
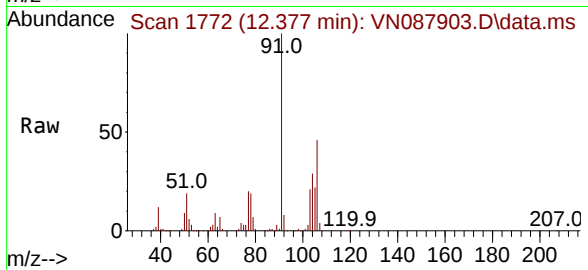




#69
o-Xylene
Concen: 20.253 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

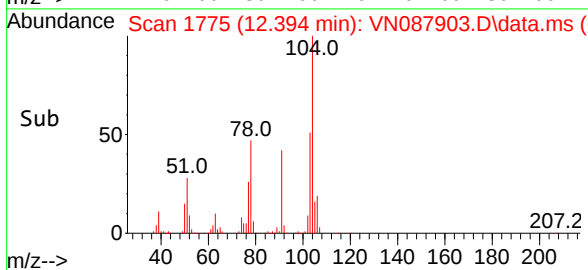
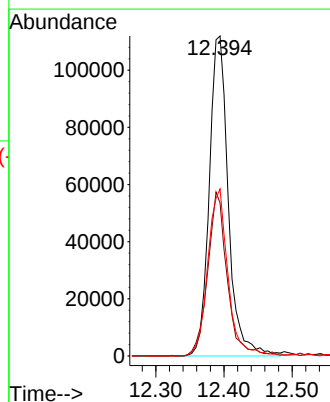
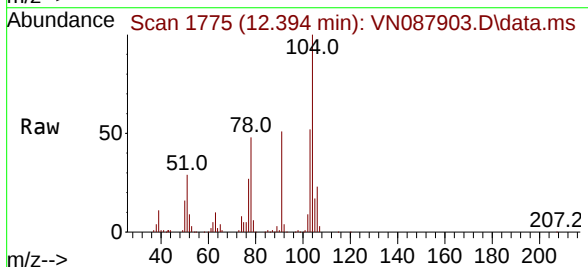
Instrument :
MSVOA_N
ClientSampleId :

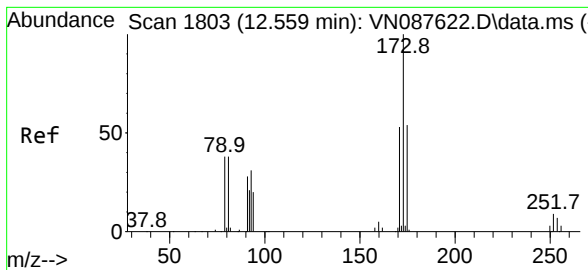
Tgt Ion:106 Resp: 127799
Ion Ratio Lower Upper
106 100
91 223.7 111.4 334.2



#70
Styrene
Concen: 20.626 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Tgt Ion:104 Resp: 218050
Ion Ratio Lower Upper
104 100
78 52.1 42.2 63.2
103 55.4 43.4 65.2

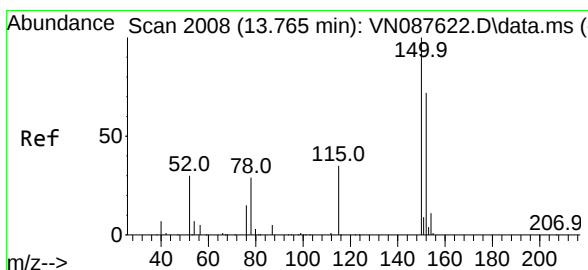
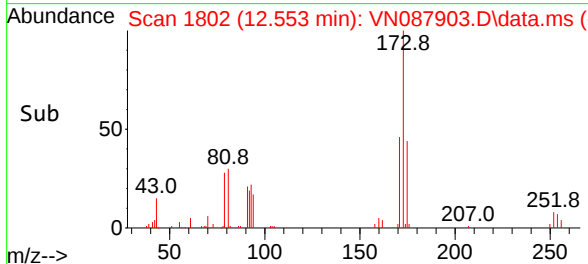
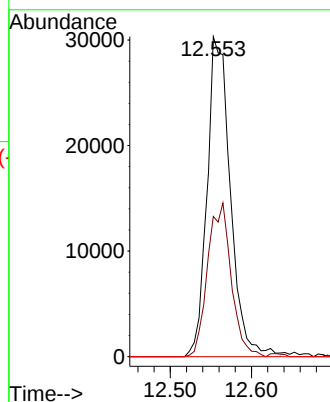
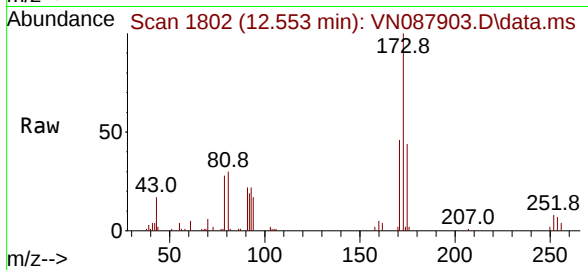




#71
Bromoform
Concen: 23.382 ug/l
RT: 12.553 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

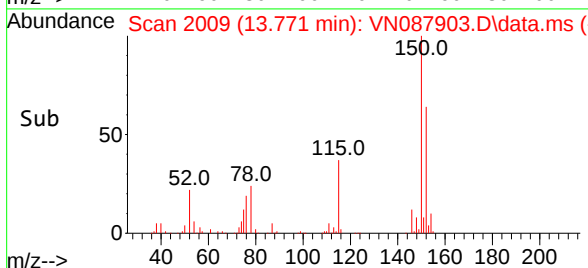
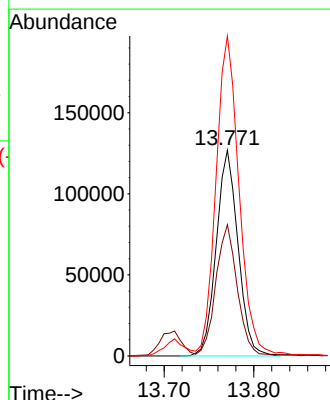
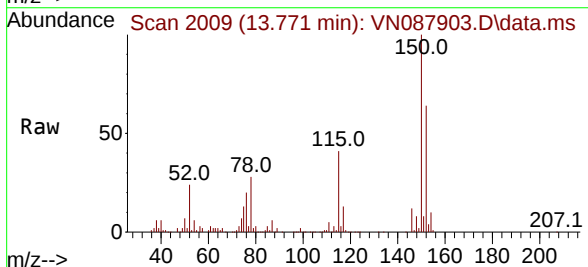
Instrument :
MSVOA_N
ClientSampleId :

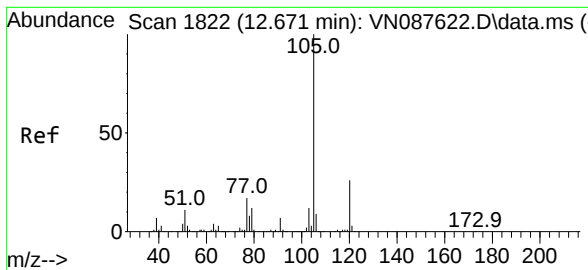
Tgt Ion:173 Resp: 60368
Ion Ratio Lower Upper
173 100
175 48.5 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Tgt Ion:152 Resp: 214059
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 164.6 0.0 351.0

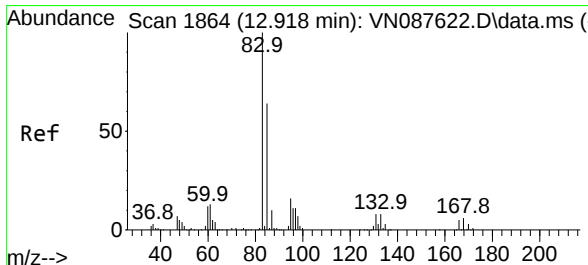
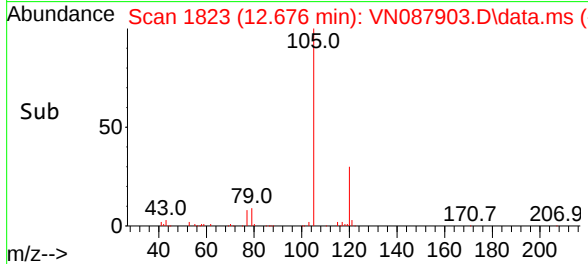
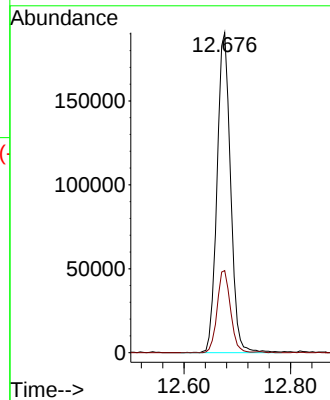
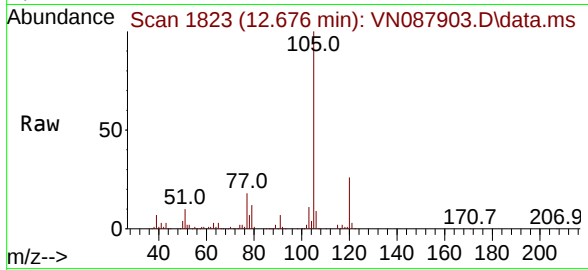




#73
Isopropylbenzene
Concen: 19.393 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

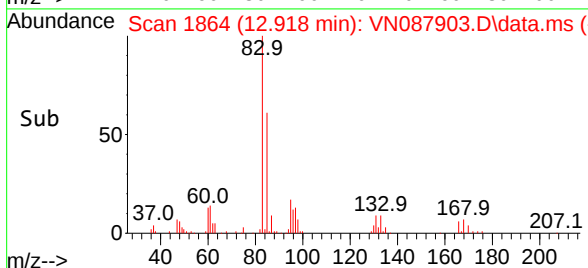
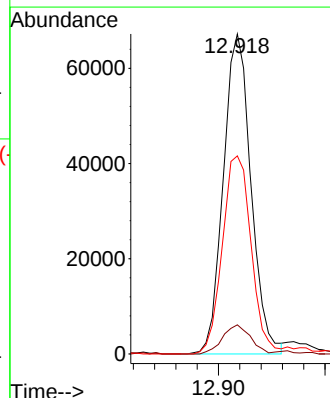
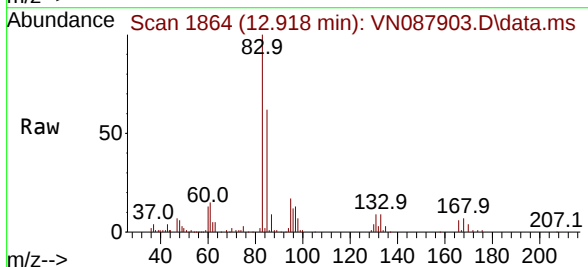
Instrument :
MSVOA_N
ClientSampleId :

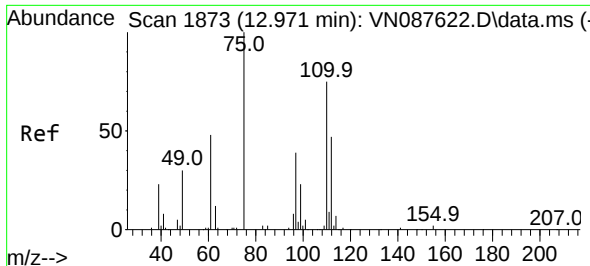
Tgt Ion:105 Resp: 335447
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.3



#75
1,1,2,2-Tetrachloroethane
Concen: 20.325 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Tgt Ion: 83 Resp: 121038
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.4
85 64.4 32.1 96.3

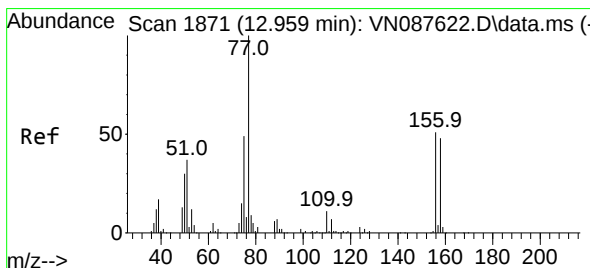
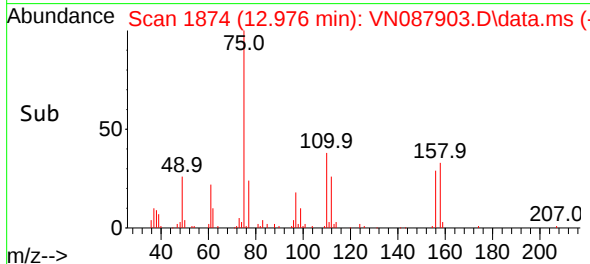
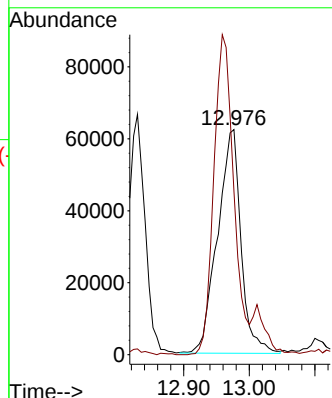
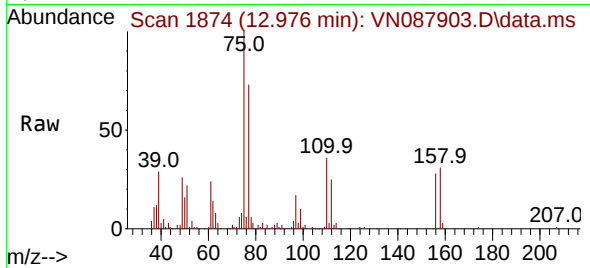




#76
1,2,3-Trichloropropane
Concen: 30.772 ug/l
RT: 12.976 min Scan# 1873
Delta R.T. 0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

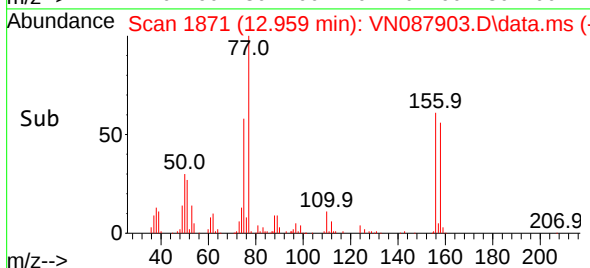
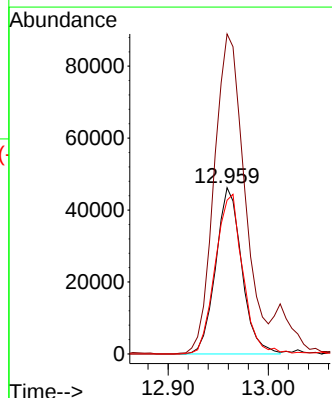
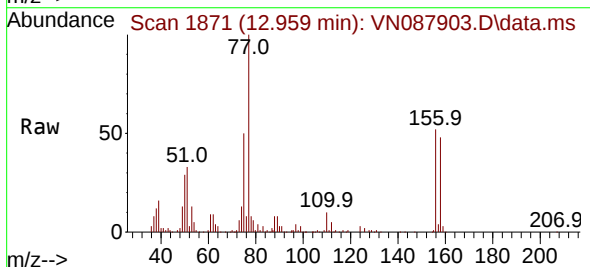
Instrument :
MSVOA_N
ClientSampleId :

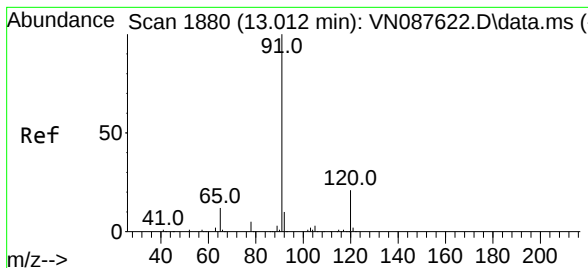
Tgt Ion: 75 Resp: 154467
Ion Ratio Lower Upper
75 100
77 121.1 89.1 267.4



#77
Bromobenzene
Concen: 20.443 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Tgt Ion:156 Resp: 83377
Ion Ratio Lower Upper
156 100
77 224.4 119.3 358.0
158 101.6 48.2 144.6





#78

n-propylbenzene

Concen: 19.592 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN087903.D

Acq: 19 Sep 2025 11:59

Instrument :

MSVOA_N

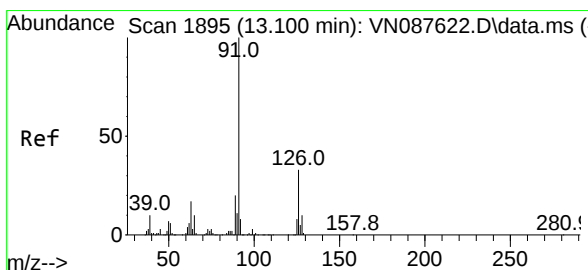
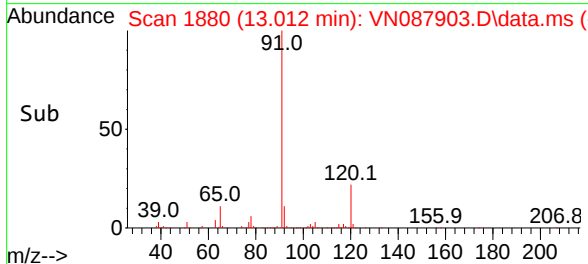
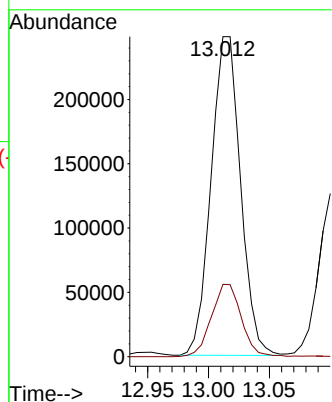
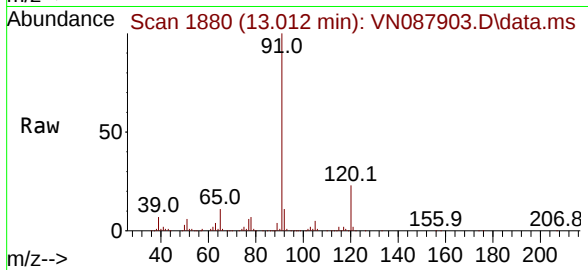
ClientSampleId :

Tgt Ion: 91 Resp: 417431

Ion Ratio Lower Upper

91 100

120 23.1 10.7 32.1



#79

2-Chlorotoluene

Concen: 18.785 ug/l

RT: 13.106 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VN087903.D

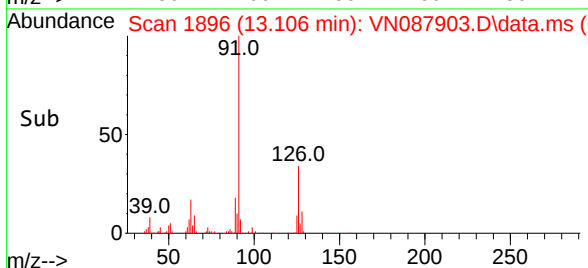
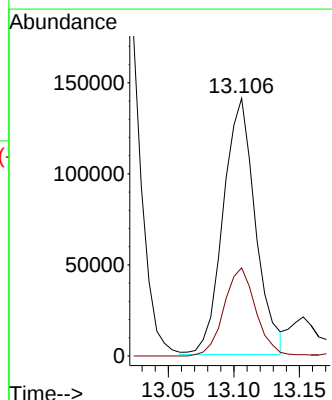
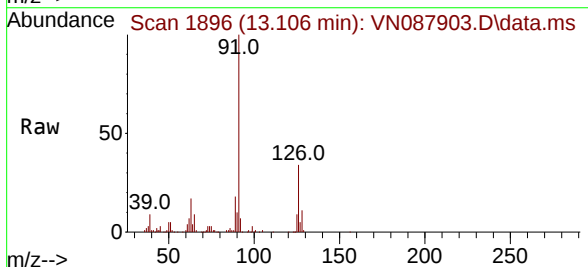
Acq: 19 Sep 2025 11:59

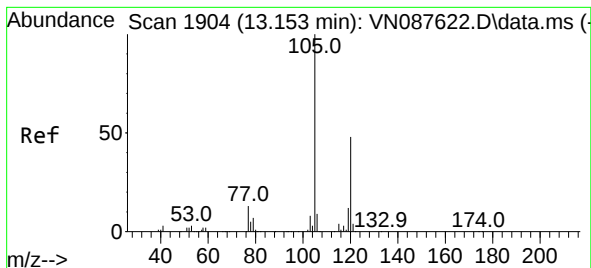
Tgt Ion: 91 Resp: 240858

Ion Ratio Lower Upper

91 100

126 34.0 16.1 48.3





#80

1,3,5-Trimethylbenzene

Concen: 19.422 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VN087903.D

Acq: 19 Sep 2025 11:59

Instrument :

MSVOA_N

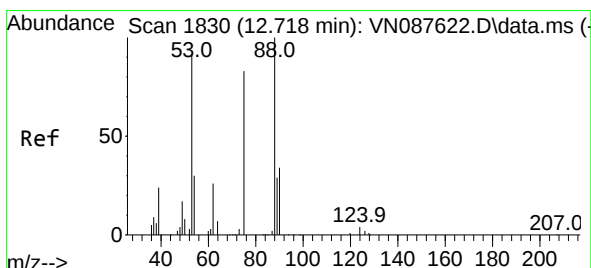
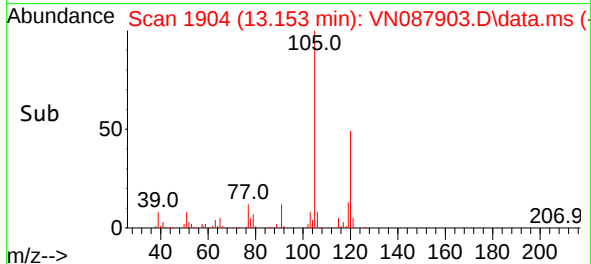
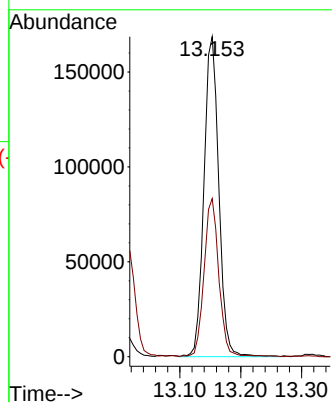
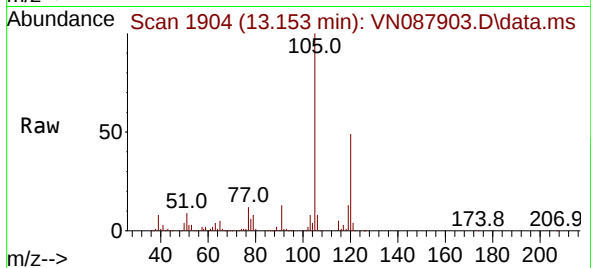
ClientSampleId :

Tgt Ion:105 Resp: 284999

Ion Ratio Lower Upper

105 100

120 49.3 23.2 69.6



#81

trans-1,4-Dichloro-2-butene

Concen: 18.211 ug/l

RT: 12.718 min Scan# 1830

Delta R.T. 0.000 min

Lab File: VN087903.D

Acq: 19 Sep 2025 11:59

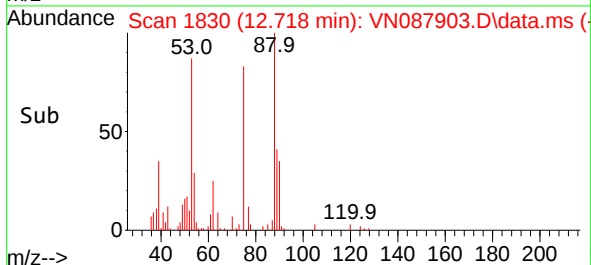
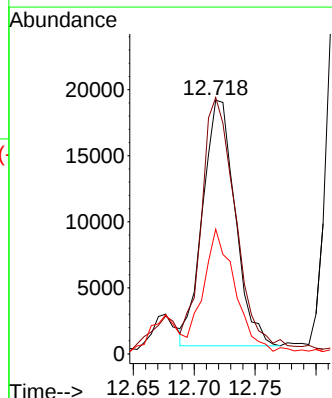
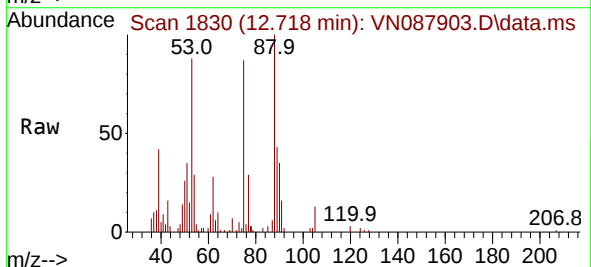
Tgt Ion: 75 Resp: 34531

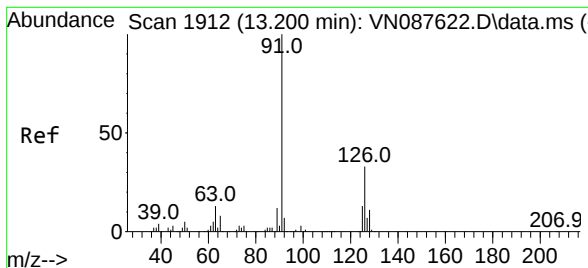
Ion Ratio Lower Upper

75 100

53 115.4 101.8 152.6

89 51.2 35.6 53.4

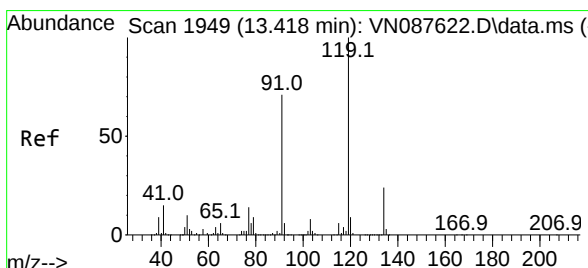
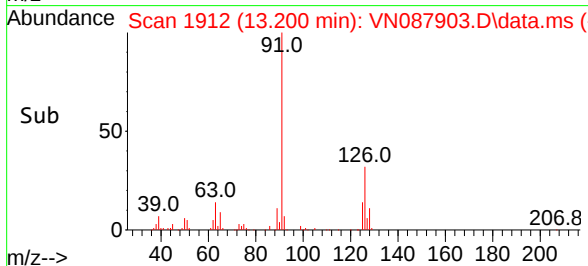
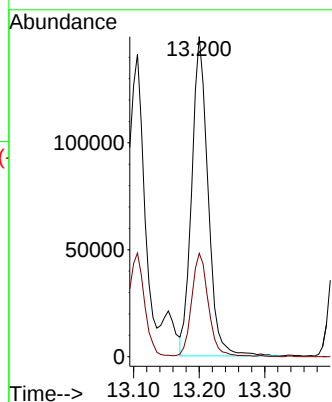
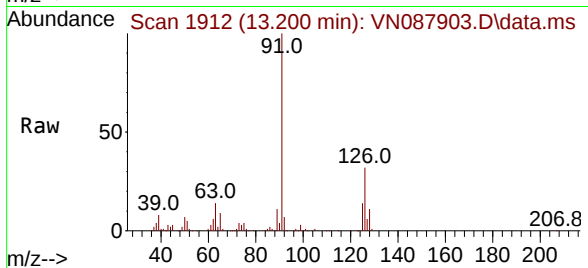




#82
4-Chlorotoluene
Concen: 19.125 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

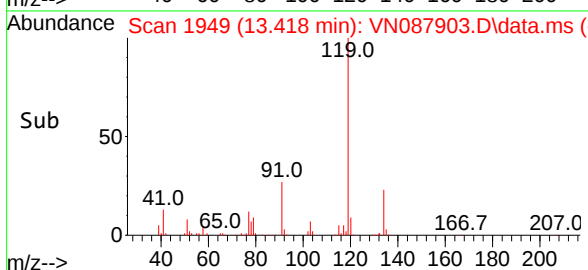
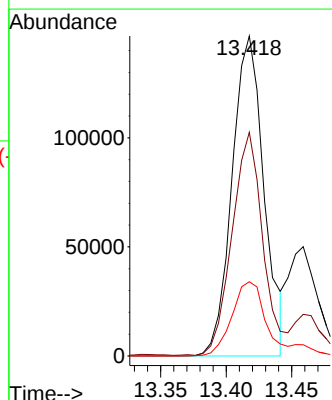
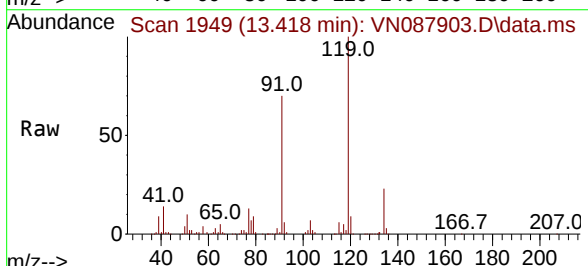
Instrument :
MSVOA_N
ClientSampleId :

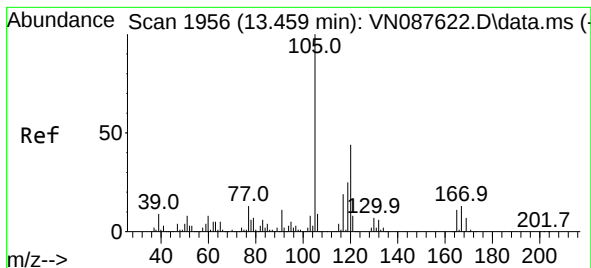
Tgt Ion: 91 Resp: 257810
Ion Ratio Lower Upper
91 100
126 32.9 15.6 46.8



#83
tert-Butylbenzene
Concen: 20.301 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

Tgt Ion: 119 Resp: 248238
Ion Ratio Lower Upper
119 100
91 67.8 35.0 105.0
134 26.7 12.6 37.8





#84

1,2,4-Trimethylbenzene

Concen: 20.366 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN087903.D

Acq: 19 Sep 2025 11:59

Instrument :

MSVOA_N

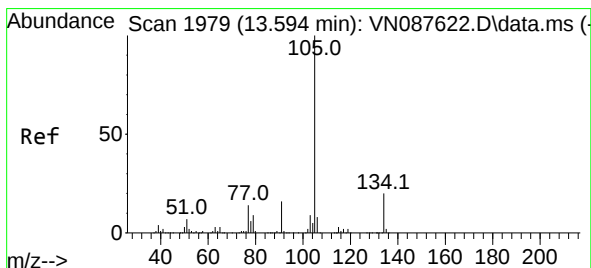
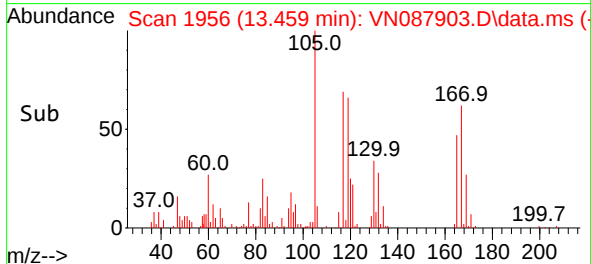
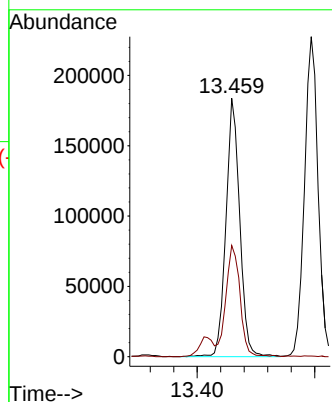
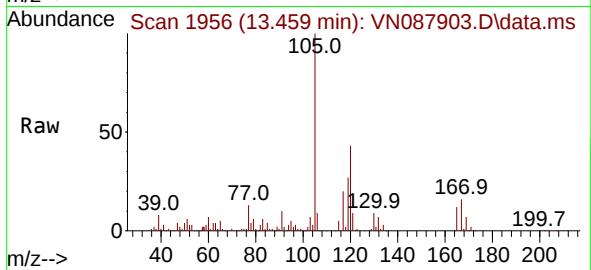
ClientSampleId :

Tgt Ion:105 Resp: 299166

Ion Ratio Lower Upper

105 100

120 44.2 22.0 66.0



#85

sec-Butylbenzene

Concen: 20.192 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087903.D

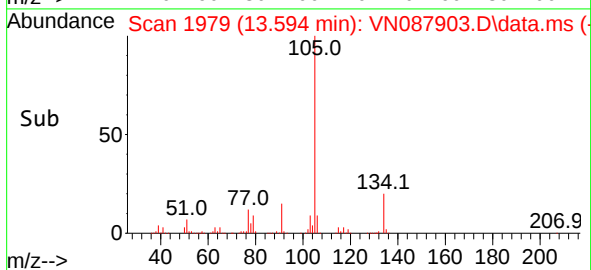
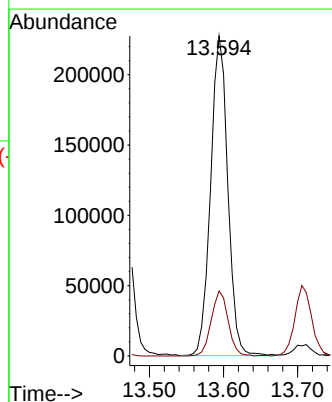
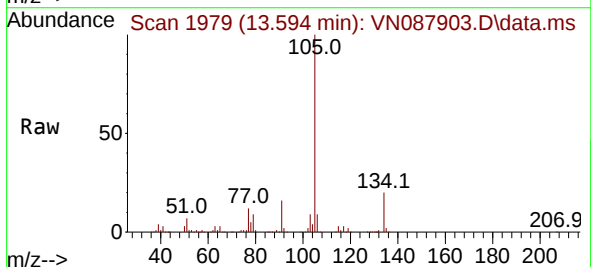
Acq: 19 Sep 2025 11:59

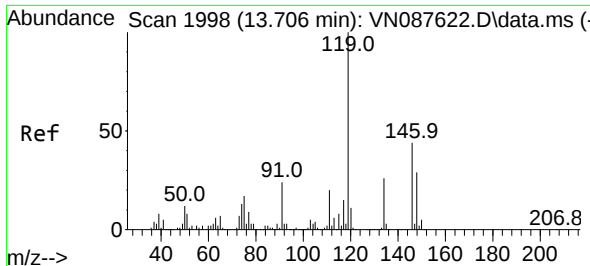
Tgt Ion:105 Resp: 366412

Ion Ratio Lower Upper

105 100

134 19.9 9.6 28.6

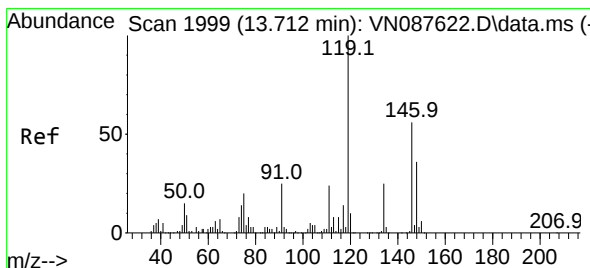
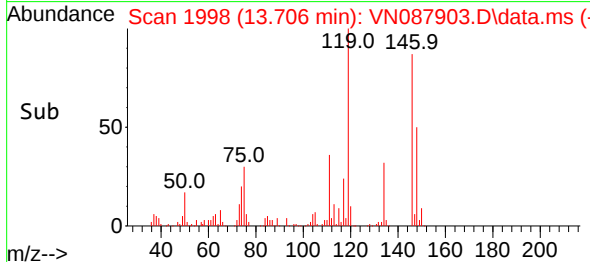
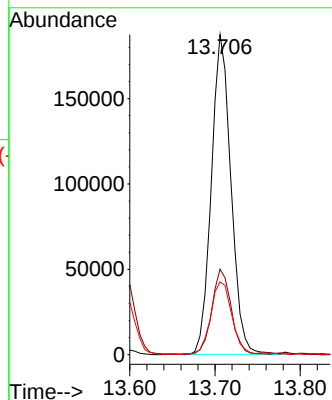
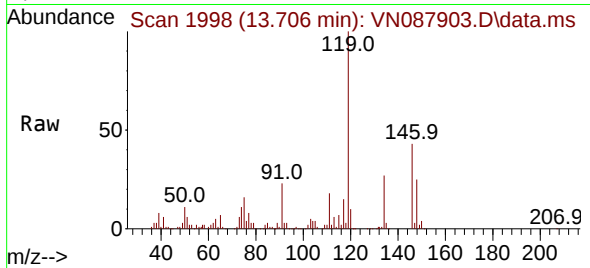




#86
 p-Isopropyltoluene
 Concen: 19.967 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087903.D
 Acq: 19 Sep 2025 11:59

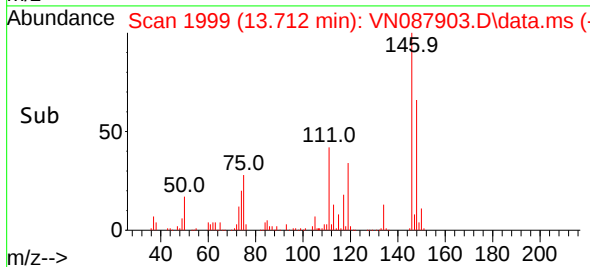
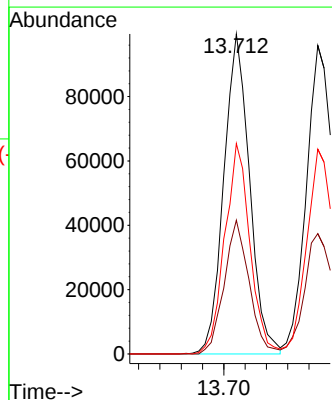
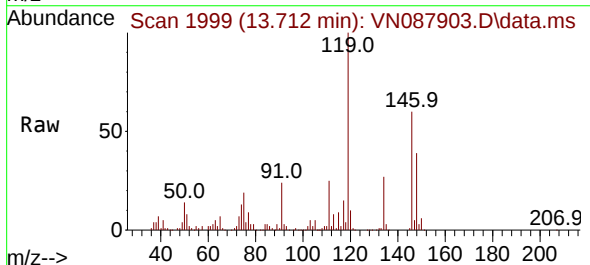
Instrument :
 MSVOA_N
 ClientSampleId :

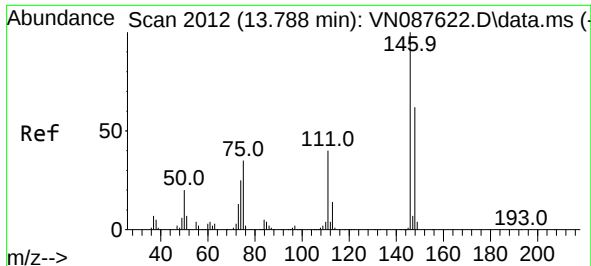
Tgt Ion:119 Resp: 299181
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.7 38.0
 91 24.4 12.5 37.5



#87
 1,3-Dichlorobenzene
 Concen: 20.759 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087903.D
 Acq: 19 Sep 2025 11:59

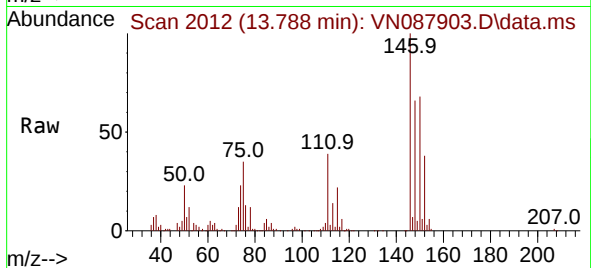
Tgt Ion:146 Resp: 166725
 Ion Ratio Lower Upper
 146 100
 111 40.6 22.1 66.5
 148 64.5 32.0 96.2



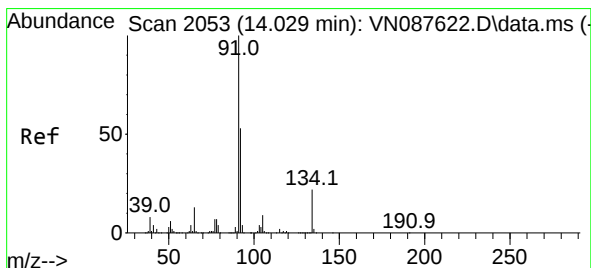
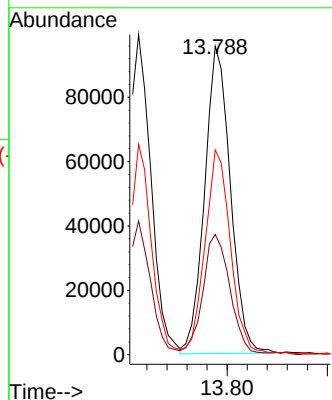
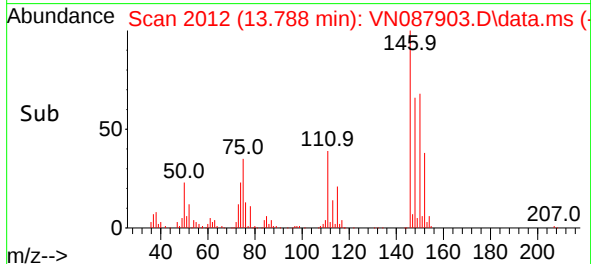


#88
1,4-Dichlorobenzene
Concen: 20.475 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59

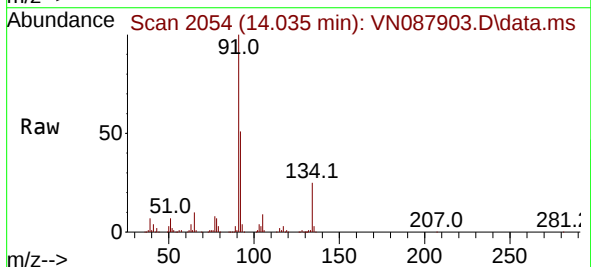
Instrument :
MSVOA_N
ClientSampleId :



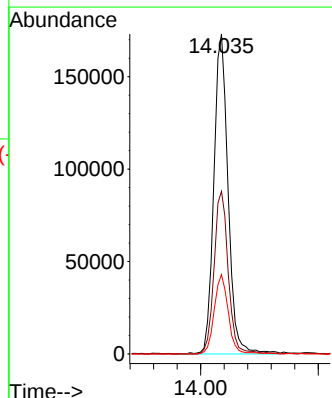
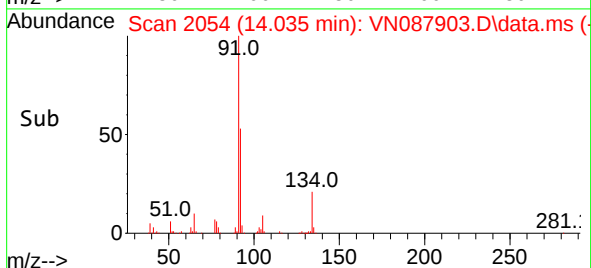
Tgt Ion:146 Resp: 171136
Ion Ratio Lower Upper
146 100
111 40.0 21.0 63.0
148 65.5 32.0 96.0

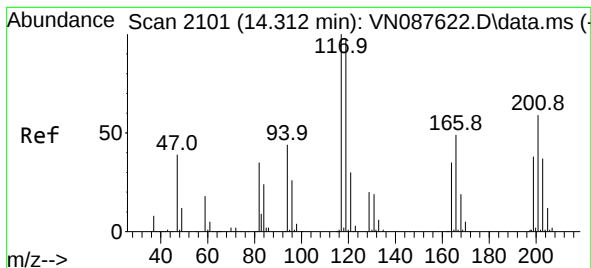


#89
n-Butylbenzene
Concen: 19.528 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN087903.D
Acq: 19 Sep 2025 11:59



Tgt Ion: 91 Resp: 290607
Ion Ratio Lower Upper
91 100
92 50.9 25.9 77.8
134 24.4 11.7 35.0





#90

Hexachloroethane

Concen: 21.376 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087903.D

Acq: 19 Sep 2025 11:59

Instrument :

MSVOA_N

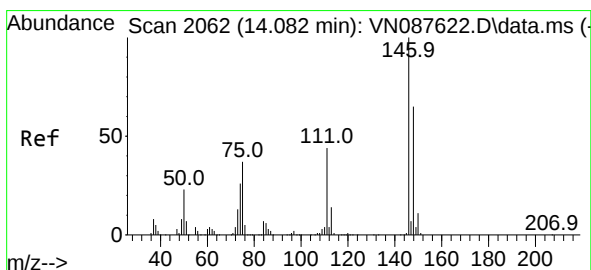
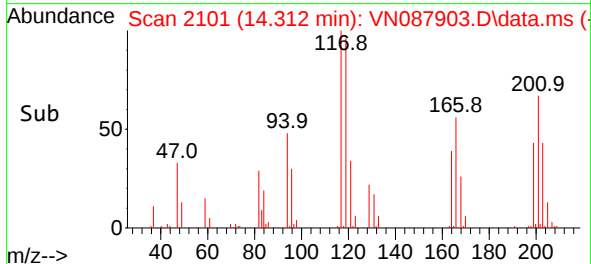
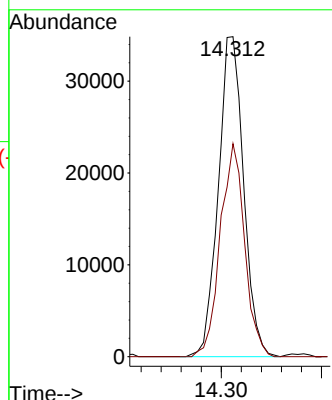
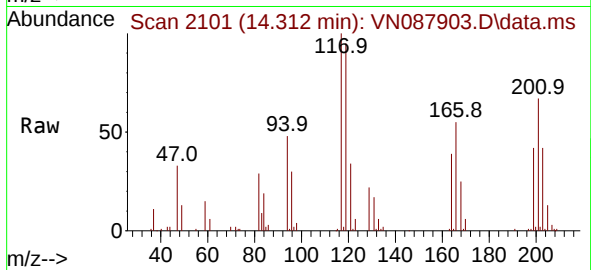
ClientSampleId :

Tgt Ion:117 Resp: 61022

Ion Ratio Lower Upper

117 100

201 63.9 29.1 87.4



#91

1,2-Dichlorobenzene

Concen: 20.699 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VN087903.D

Acq: 19 Sep 2025 11:59

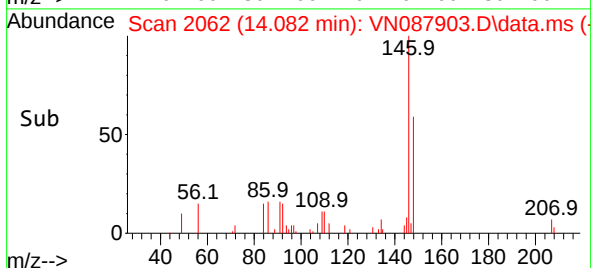
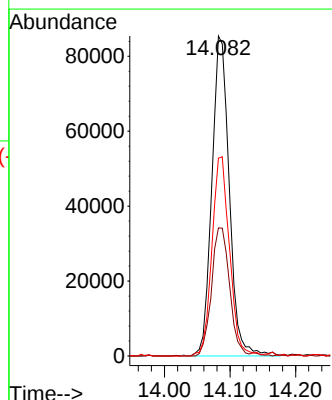
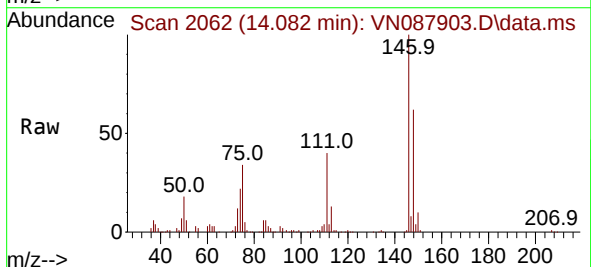
Tgt Ion:146 Resp: 157720

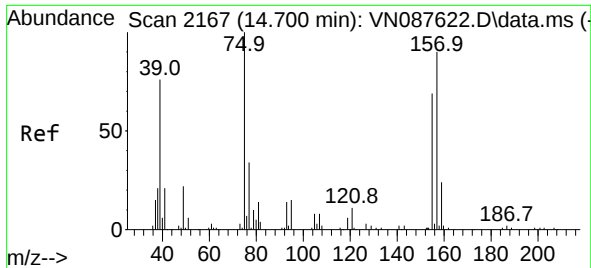
Ion Ratio Lower Upper

146 100

111 41.4 22.6 67.8

148 62.7 31.9 95.9

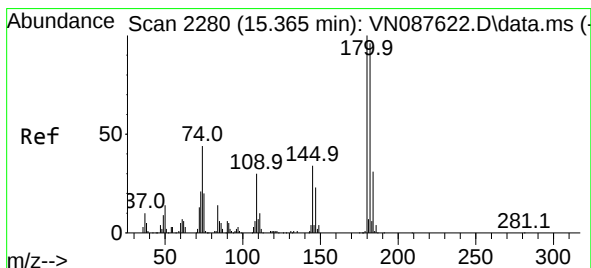
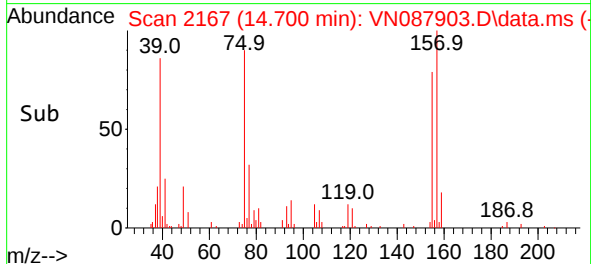
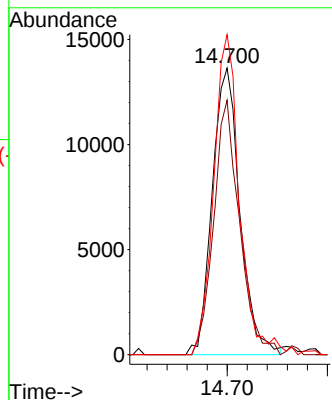
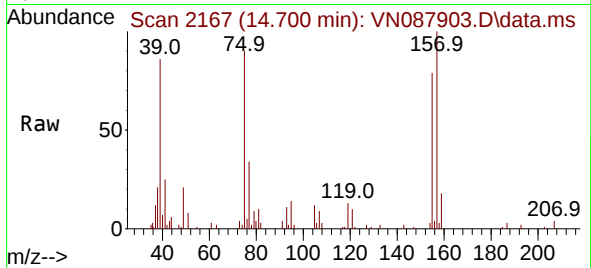




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.458 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.000 min
 Lab File: VN087903.D
 Acq: 19 Sep 2025 11:59

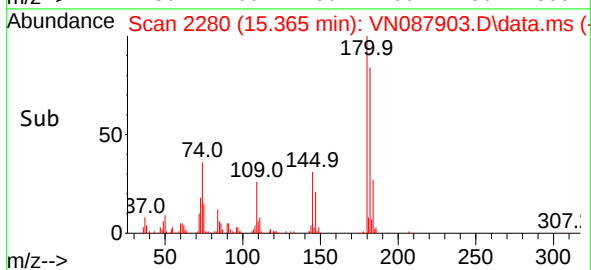
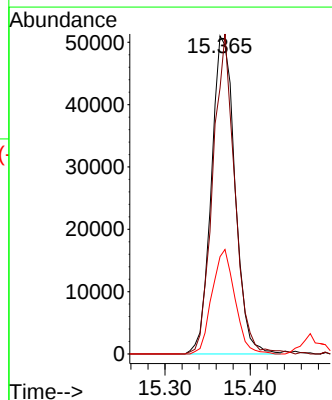
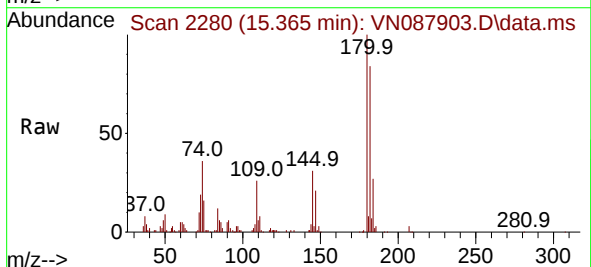
Instrument :
 MSVOA_N
 ClientSampleId :

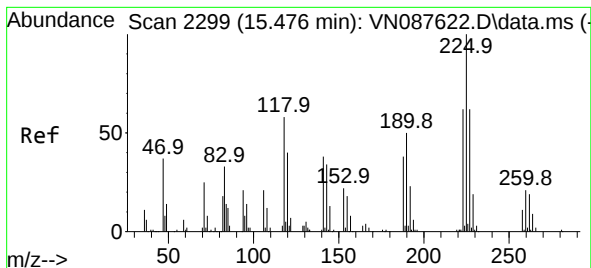
Tgt Ion: 75	Resp: 26113
Ion Ratio	Lower Upper
75 100	
155 83.1	36.6 109.9
157 104.4	45.6 136.9



#93
 1,2,4-Trichlorobenzene
 Concen: 21.416 ug/l
 RT: 15.365 min Scan# 2280
 Delta R.T. 0.000 min
 Lab File: VN087903.D
 Acq: 19 Sep 2025 11:59

Tgt Ion: 180	Resp: 97989
Ion Ratio	Lower Upper
180 100	
182 93.8	47.6 142.9
145 32.0	16.5 49.5





#94

Hexachlorobutadiene

Concen: 23.744 ug/l

RT: 15.476 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087903.D

Acq: 19 Sep 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

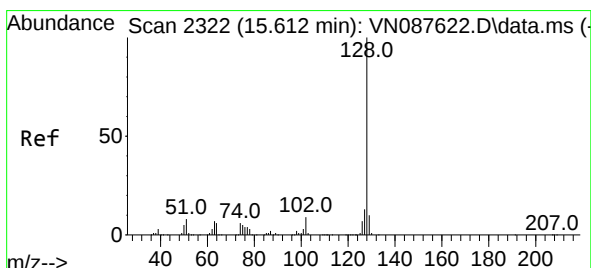
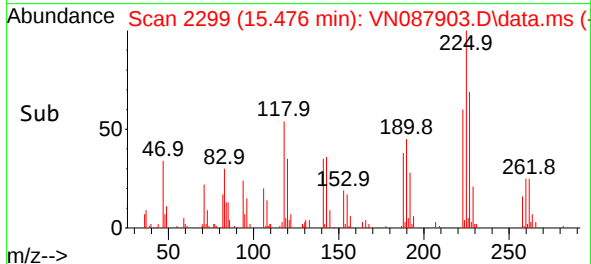
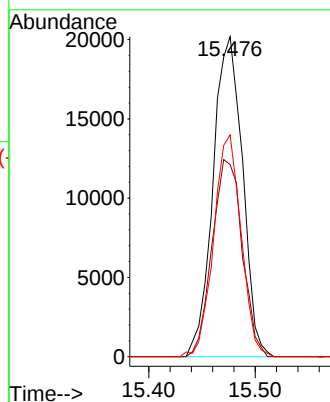
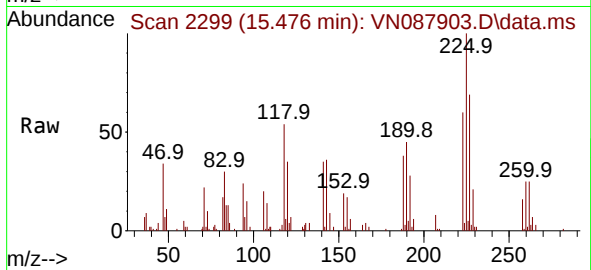
Tgt Ion:225 Resp: 38731

Ion Ratio Lower Upper

225 100

223 62.8 32.0 96.2

227 64.5 32.1 96.5



#95

Naphthalene

Concen: 18.624 ug/l

RT: 15.612 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VN087903.D

Acq: 19 Sep 2025 11:59

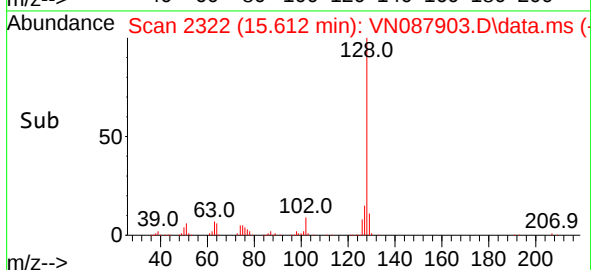
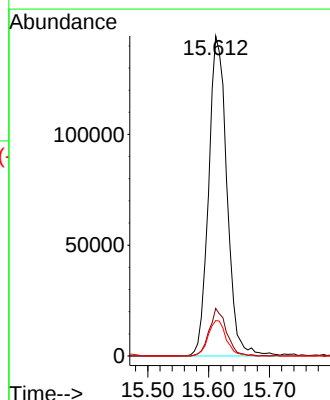
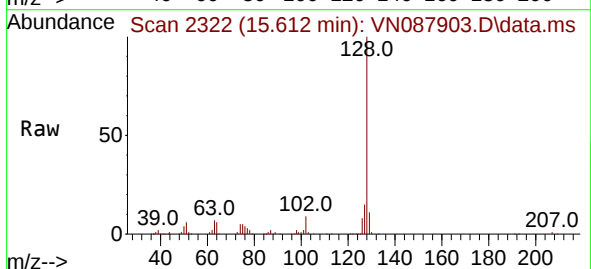
Tgt Ion:128 Resp: 301827

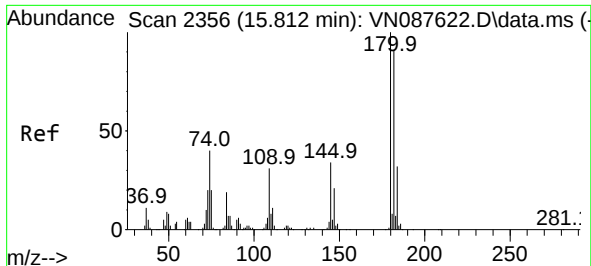
Ion Ratio Lower Upper

128 100

127 14.0 10.6 15.8

129 10.9 8.6 12.8





#96

1,2,3-Trichlorobenzene

Concen: 20.814 ug/l

RT: 15.817 min Scan# 21

Delta R.T. 0.006 min

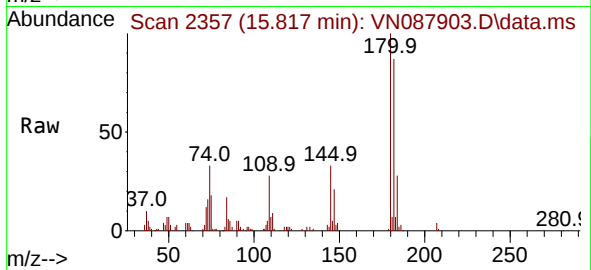
Lab File: VN087903.D

Acq: 19 Sep 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	180	Resp:	93104
Ion Ratio	Lower	Upper	
180	100		
182	92.3	46.8	140.3
145	34.3	17.3	52.0

