

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091925\
 Data File : VN087902.D
 Acq On : 19 Sep 2025 11:26
 Operator : JC\MD
 Sample : VN0919MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 20 03:02:26 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	227431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	427601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	403690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	220299	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	219444	47.093	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.180%
35) Dibromofluoromethane	8.147	113	171731	55.626	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.260%
50) Toluene-d8	10.547	98	583914	50.533	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.060%
62) 4-Bromofluorobenzene	12.829	95	212736	51.769	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.540%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.142	85	60041	18.588	ug/l 96
3) Chloromethane	2.383	50	61164	18.425	ug/l 100
4) Vinyl Chloride	2.536	62	64347	16.718	ug/l 99
5) Bromomethane	2.977	94	38574	19.423	ug/l 97
6) Chloroethane	3.136	64	42586	15.742	ug/l 94
7) Trichlorofluoromethane	3.506	101	102826	18.235	ug/l 95
8) Diethyl Ether	3.959	74	40169	16.356	ug/l 94
9) 1,1,2-Trichlorotrifluo...	4.365	101	58248	18.255	ug/l # 84
10) Methyl Iodide	4.577	142	40702	21.554	ug/l # 95
11) Tert butyl alcohol	5.530	59	72233	89.291	ug/l 100
12) 1,1-Dichloroethene	4.342	96	56933	17.363	ug/l 86
13) Acrolein	4.171	56	64292	64.647	ug/l 99
14) Allyl chloride	5.006	41	94453	15.896	ug/l 97
15) Acrylonitrile	5.712	53	215950	94.654	ug/l 97
16) Acetone	4.424	43	190580	75.131	ug/l 99
17) Carbon Disulfide	4.700	76	165468	18.330	ug/l 96
18) Methyl Acetate	5.024	43	104289	19.636	ug/l 94
19) Methyl tert-butyl Ether	5.789	73	227582	18.501	ug/l 92
20) Methylene Chloride	5.259	84	75174	19.737	ug/l 91
21) trans-1,2-Dichloroethene	5.777	96	67822	19.085	ug/l 89
22) Diisopropyl ether	6.665	45	233707	18.226	ug/l 97
23) Vinyl Acetate	6.594	43	1058621	90.743	ug/l 97
24) 1,1-Dichloroethane	6.553	63	135658	19.295	ug/l 99
25) 2-Butanone	7.471	43	315118	94.424	ug/l 93
26) 2,2-Dichloropropane	7.471	77	119427	19.792	ug/l 100
27) cis-1,2-Dichloroethene	7.471	96	85653	20.161	ug/l 95
28) Bromochloromethane	7.794	49	54721	16.099	ug/l 91
29) Tetrahydrofuran	7.830	42	199606	92.938	ug/l 96
30) Chloroform	7.947	83	144278	20.105	ug/l 97
31) Cyclohexane	8.236	56	103556	17.668	ug/l 96
32) 1,1,1-Trichloroethane	8.147	97	121512	19.980	ug/l 93
36) 1,1-Dichloropropene	8.353	75	90302	19.066	ug/l 97
37) Ethyl Acetate	7.547	43	125459	19.385	ug/l 96
38) Carbon Tetrachloride	8.347	117	102660	21.954	ug/l 95
39) Methylcyclohexane	9.582	83	96551	18.516	ug/l 96
40) Benzene	8.588	78	303962	20.924	ug/l 99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	60580	18.070	ug/l	93
42) 1,2-Dichloroethane	8.647	62	111847	20.036	ug/l	98
43) Isopropyl Acetate	8.671	43	192377	19.039	ug/l	96
44) Trichloroethene	9.335	130	69102	20.835	ug/l	98
45) 1,2-Dichloropropane	9.600	63	76221	19.906	ug/l	99
46) Dibromomethane	9.688	93	59379	21.792	ug/l	96
47) Bromodichloromethane	9.871	83	114743	20.547	ug/l #	97
48) Methyl methacrylate	9.659	41	86064	18.007	ug/l	94
49) 1,4-Dioxane	9.682	88	26740	431.648	ug/l #	97
51) 4-Methyl-2-Pentanone	10.424	43	617637	101.311	ug/l	98
52) Toluene	10.606	92	188372	20.917	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	116319	20.123	ug/l	98
54) cis-1,3-Dichloropropene	10.288	75	123039	20.499	ug/l	93
55) 1,1,2-Trichloroethane	10.994	97	76331	21.910	ug/l	97
56) Ethyl methacrylate	10.859	69	109191	19.612	ug/l	97
57) 1,3-Dichloropropane	11.141	76	124805	20.242	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.141	63	254306	84.389	ug/l	97
59) 2-Hexanone	11.177	43	398078	103.318	ug/l	97
60) Dibromochloromethane	11.341	129	91145	22.579	ug/l	99
61) 1,2-Dibromoethane	11.447	107	81630	22.221	ug/l	98
64) Tetrachloroethene	11.082	164	60564	21.624	ug/l #	85
65) Chlorobenzene	11.871	112	211018	21.011	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.941	131	74427	22.322	ug/l	98
67) Ethyl Benzene	11.941	91	342254	19.682	ug/l	94
68) m/p-Xylenes	12.053	106	272236	42.688	ug/l	97
69) o-Xylene	12.376	106	126476	20.237	ug/l	98
70) Styrene	12.394	104	214238	20.461	ug/l	97
71) Bromoform	12.559	173	59507	23.271	ug/l #	100
73) Isopropylbenzene	12.676	105	314764	17.682	ug/l	97
74) N-amyl acetate	12.523	43	5765	0.855	ug/l #	31
75) 1,1,2,2-Tetrachloroethane	12.918	83	122077	19.918	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	152758	29.569	ug/l	60
77) Bromobenzene	12.959	156	86528	20.615	ug/l	89
78) n-propylbenzene	13.012	91	405213	18.480	ug/l	99
79) 2-Chlorotoluene	13.100	91	239040	18.115	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	278120	18.417	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	35643	18.265	ug/l #	79
82) 4-Chlorotoluene	13.200	91	255441	18.412	ug/l	97
83) tert-Butylbenzene	13.418	119	230749	18.336	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	288903	19.111	ug/l	99
85) sec-Butylbenzene	13.594	105	340226	18.218	ug/l	98
86) p-Isopropyltoluene	13.706	119	286803	18.598	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	167405	20.253	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	172714	20.079	ug/l	97
89) n-Butylbenzene	14.035	91	272652	17.803	ug/l	98
90) Hexachloroethane	14.306	117	57864	19.696	ug/l	89
91) 1,2-Dichlorobenzene	14.082	146	162455	20.717	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.700	75	25748	17.685	ug/l	93
93) 1,2,4-Trichlorobenzene	15.364	180	93566	19.870	ug/l	97
94) Hexachlorobutadiene	15.476	225	32465	19.339	ug/l	96
95) Naphthalene	15.612	128	295822	17.736	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	89663	19.477	ug/l	99

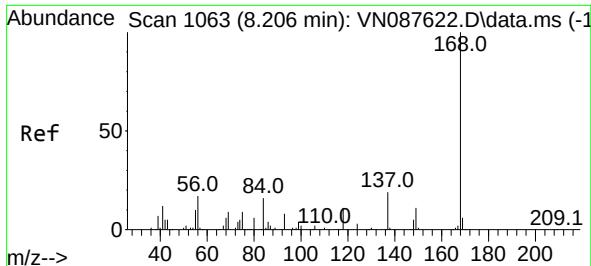
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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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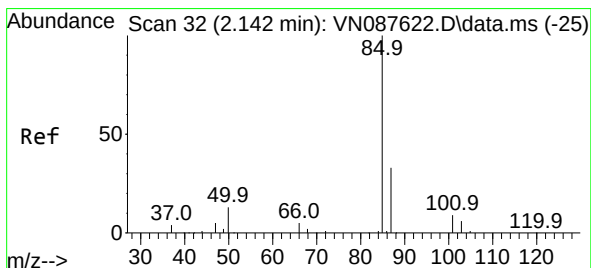
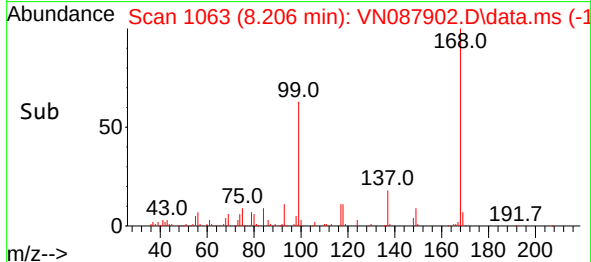
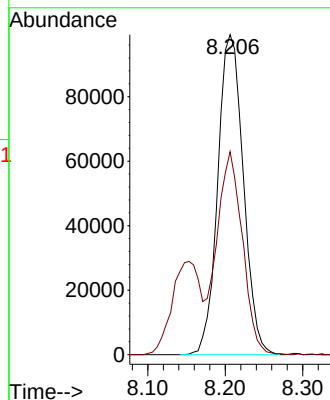
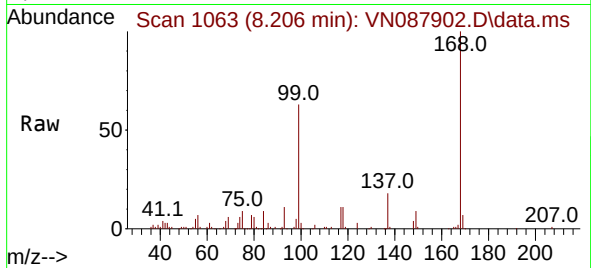
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

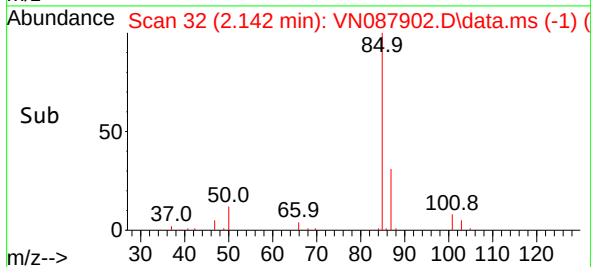
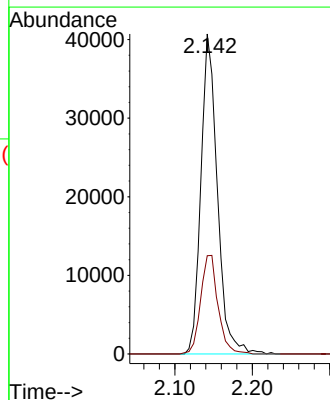
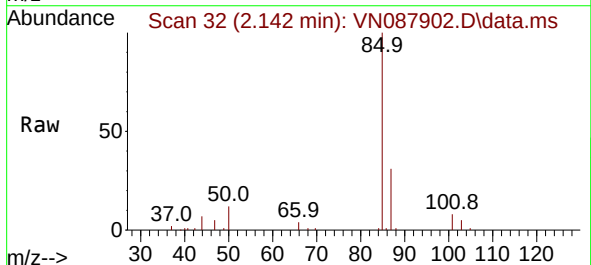
Instrument :
MSVOA_N
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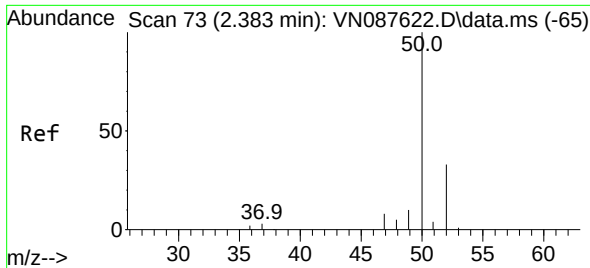
Tgt Ion:168 Resp: 227431
Ion Ratio Lower Upper
168 100
99 63.1 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 18.588 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Tgt Ion: 85 Resp: 60041
Ion Ratio Lower Upper
85 100
87 30.7 16.6 49.8

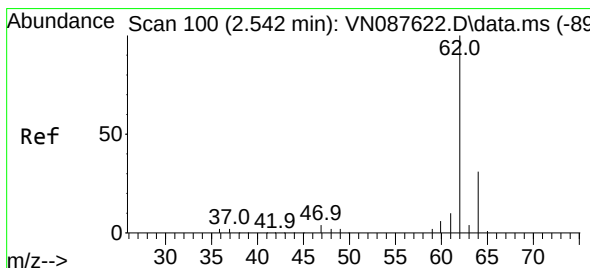
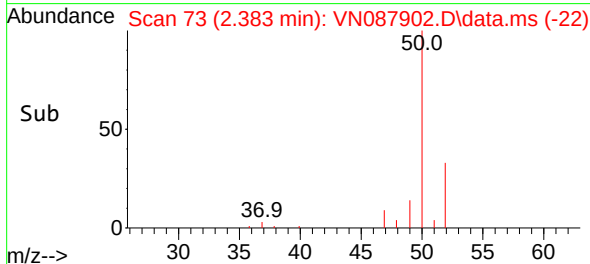
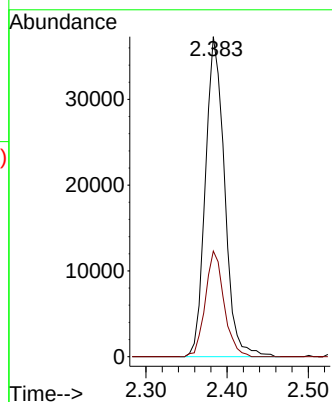
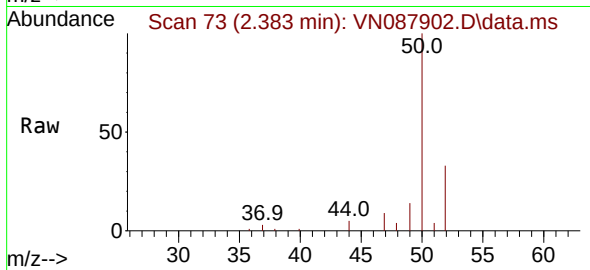




#3
Chloromethane
Concen: 18.425 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

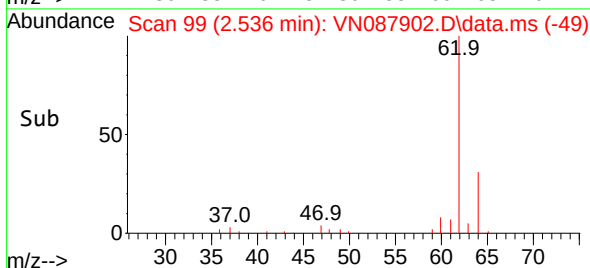
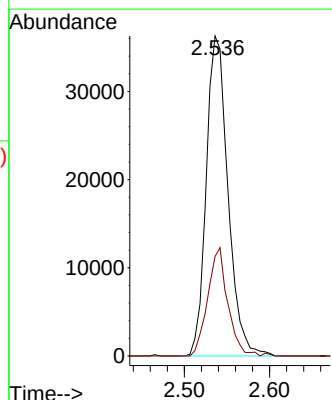
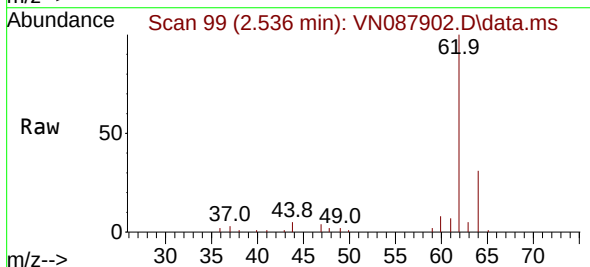
Instrument :
MSVOA_N
ClientSampleId :

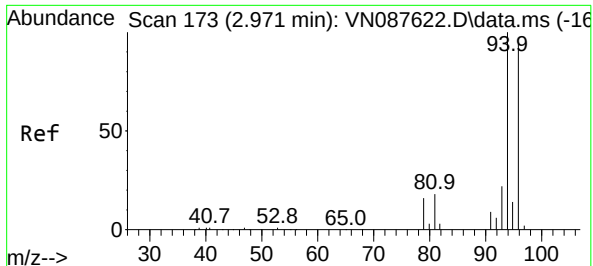
Tgt Ion: 50 Resp: 61164
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.4



#4
Vinyl Chloride
Concen: 16.718 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Tgt Ion: 62 Resp: 64347
Ion Ratio Lower Upper
62 100
64 31.1 24.6 37.0

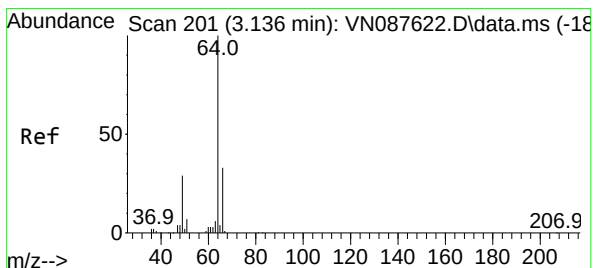
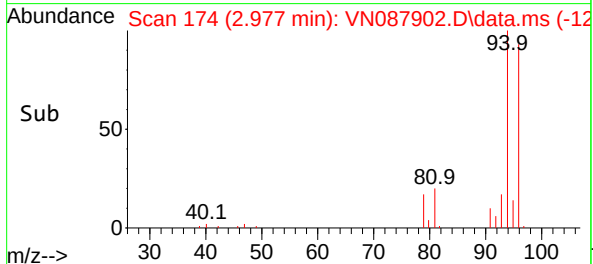
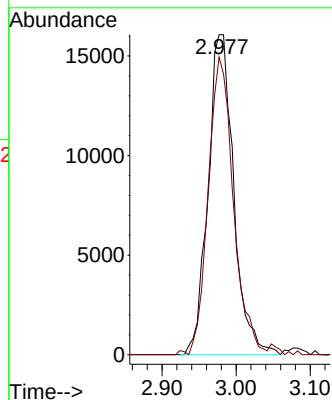
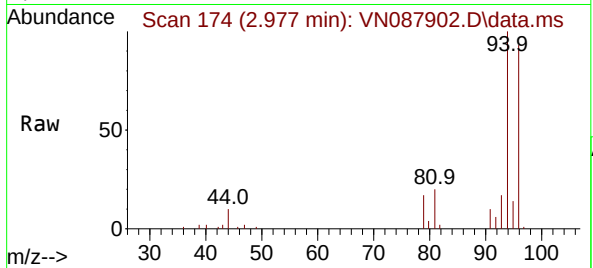




#5
Bromomethane
Concen: 19.423 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

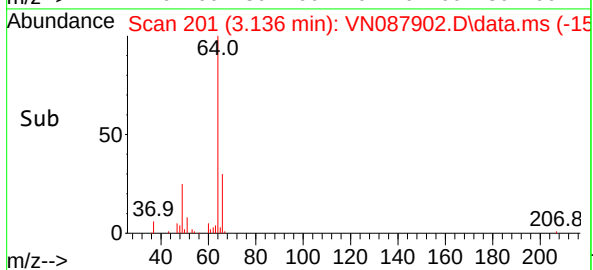
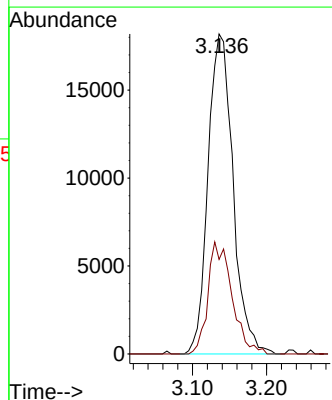
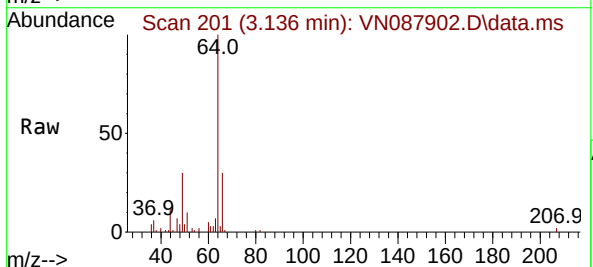
Instrument :
MSVOA_N
ClientSampleId :

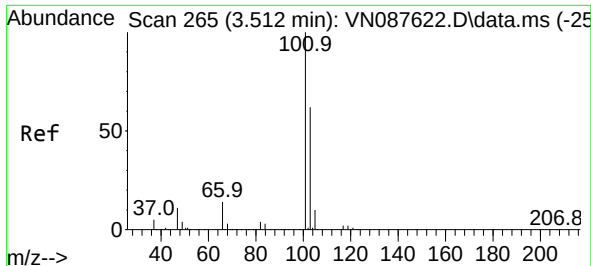
Tgt Ion: 94 Resp: 38574
Ion Ratio Lower Upper
94 100
96 91.7 75.4 113.2



#6
Chloroethane
Concen: 15.742 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Tgt Ion: 64 Resp: 42586
Ion Ratio Lower Upper
64 100
66 29.6 26.2 39.2

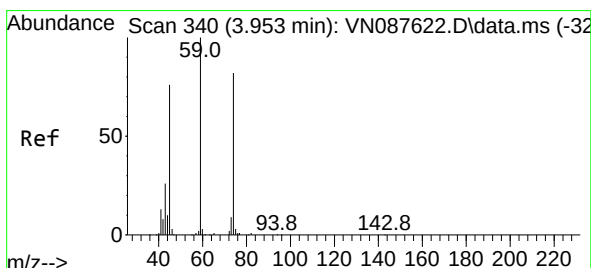
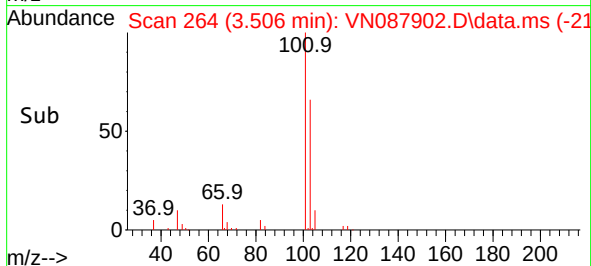
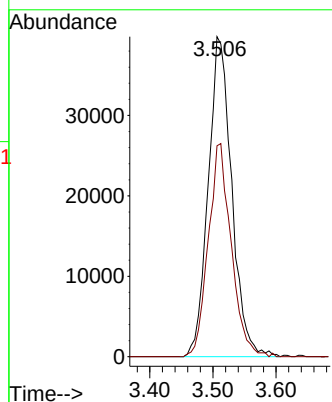
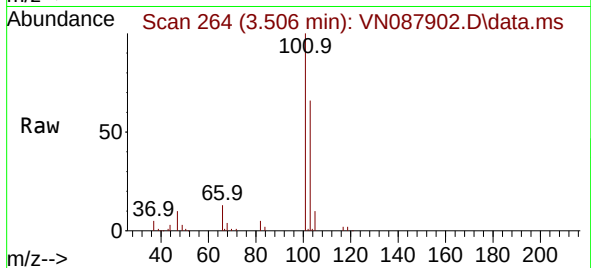




#7
Trichlorofluoromethane
Concen: 18.235 ug/l
RT: 3.506 min Scan# 21
Delta R.T. -0.006 min
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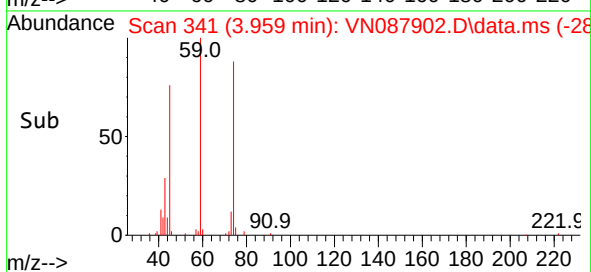
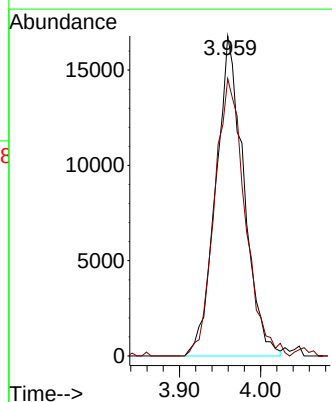
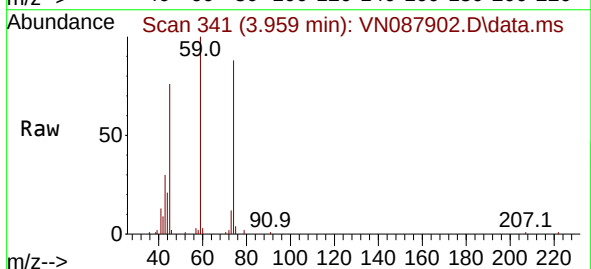
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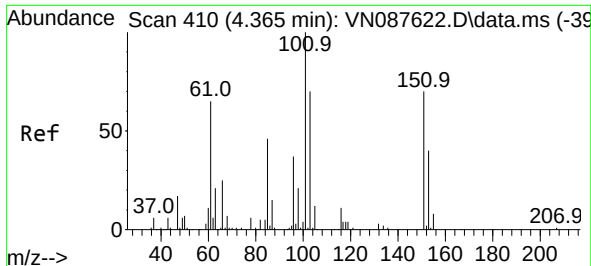
Tgt Ion:101 Resp: 102826
Ion Ratio Lower Upper
101 100
103 65.9 49.4 74.0



#8
Diethyl Ether
Concen: 16.356 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Tgt Ion: 74 Resp: 40169
Ion Ratio Lower Upper
74 100
45 94.9 50.6 151.9

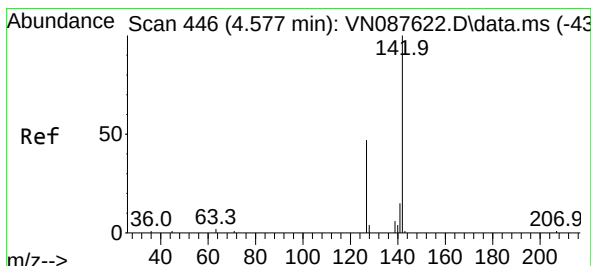
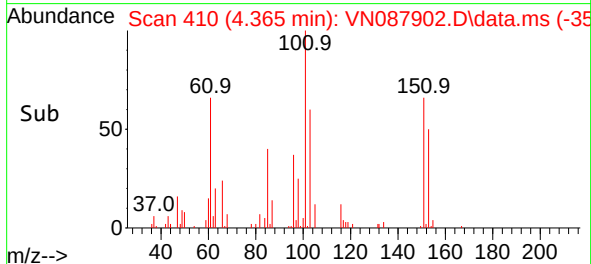
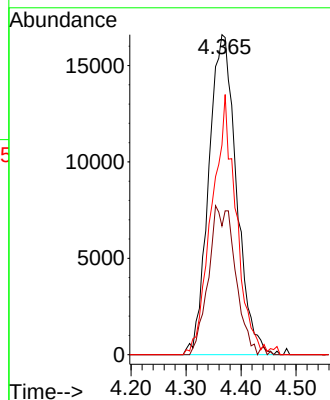
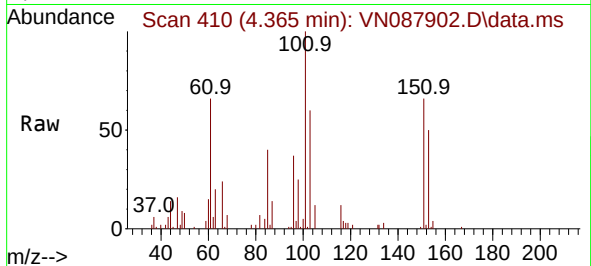




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.255 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN087902.D
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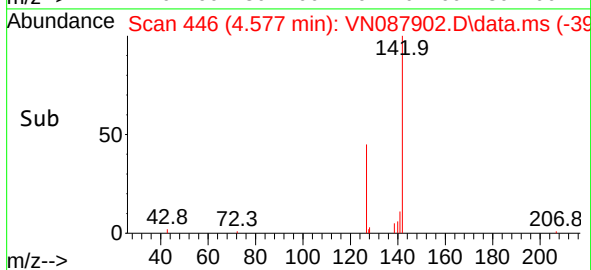
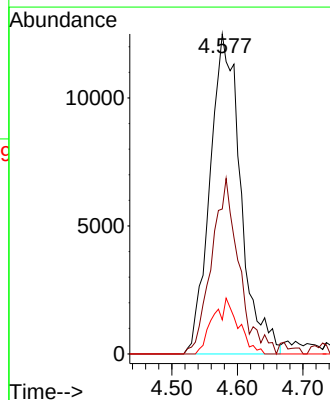
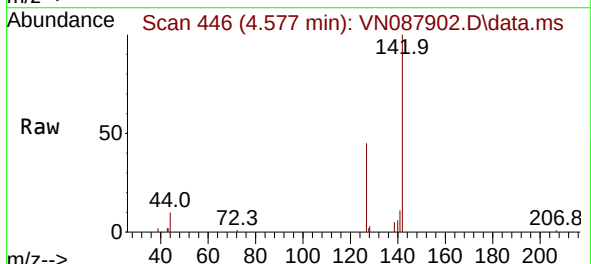
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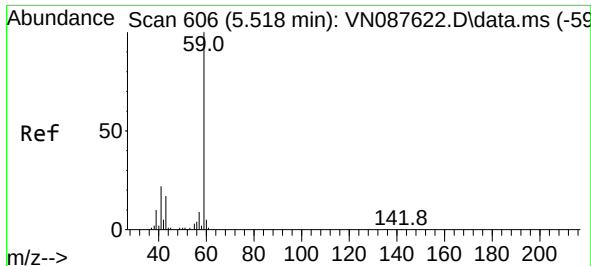
Tgt Ion:101 Resp: 58248
Ion Ratio Lower Upper
101 100
85 24.0 36.6 55.0#
151 72.1 54.7 82.1



#10
Methyl Iodide
Concen: 21.554 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Tgt Ion:142 Resp: 40702
Ion Ratio Lower Upper
142 100
127 45.3 38.0 57.0
141 10.7 12.0 18.0#

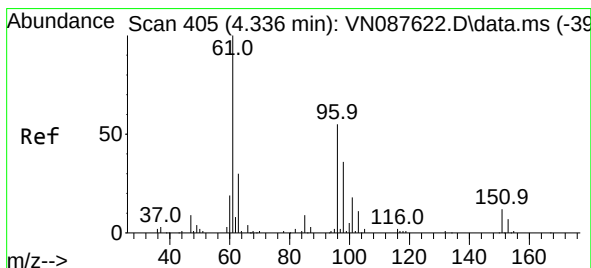
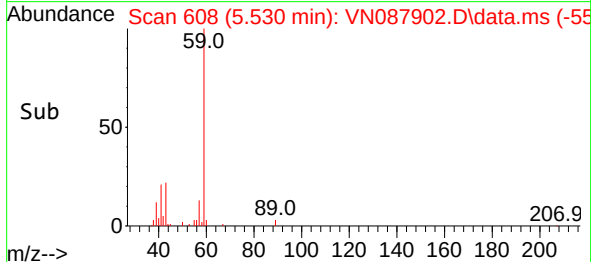
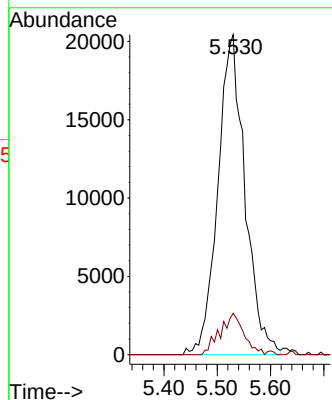
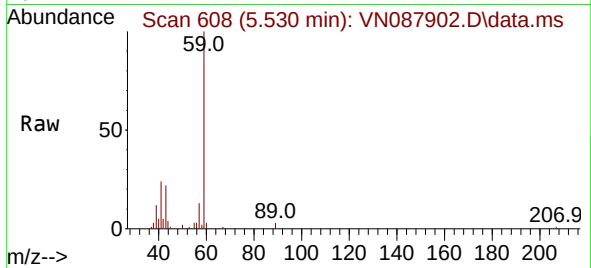




#11
Tert butyl alcohol
Concen: 89.291 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

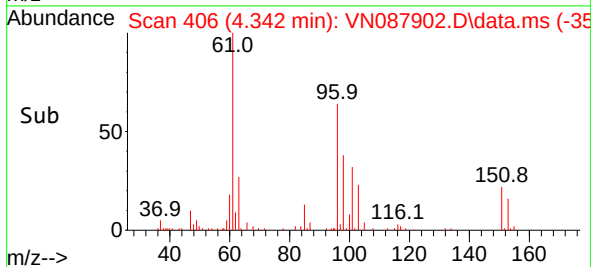
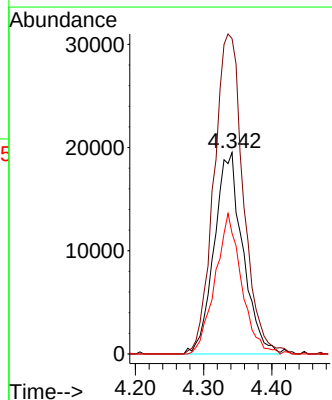
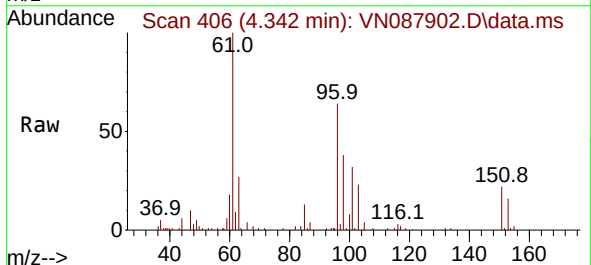
Instrument :
MSVOA_N
ClientSampleId :

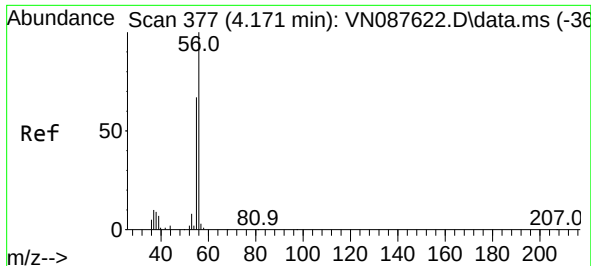
Tgt Ion: 59 Resp: 72233
Ion Ratio Lower Upper
59 100
57 11.3 9.0 13.4



#12
1,1-Dichloroethene
Concen: 17.363 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Tgt Ion: 96 Resp: 56933
Ion Ratio Lower Upper
96 100
61 156.5 143.8 215.8
98 59.9 52.1 78.1





#13

Acrolein

Concen: 64.647 ug/l

RT: 4.171 min Scan# 377

Delta R.T. -0.000 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

Instrument :

MSVOA_N

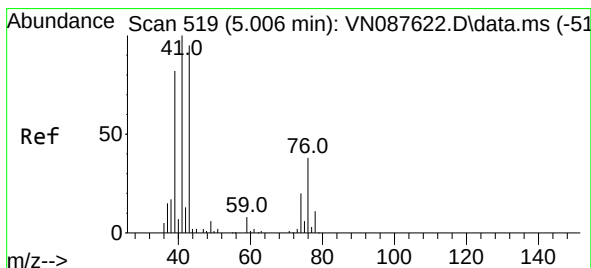
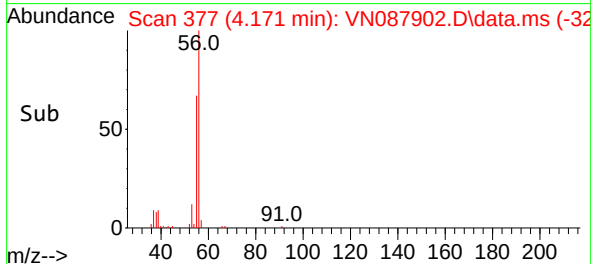
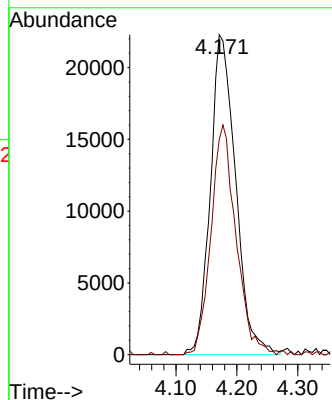
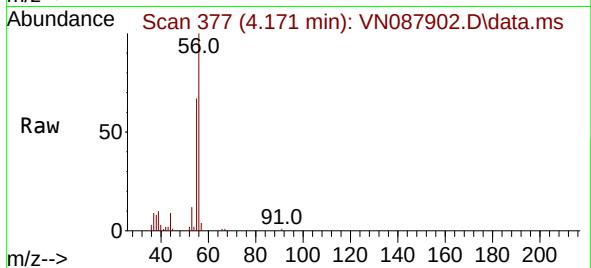
ClientSampleId :

Tgt Ion: 56 Resp: 64292

Ion Ratio Lower Upper

56 100

55 71.0 57.3 85.9



#14

Allyl chloride

Concen: 15.896 ug/l

RT: 5.006 min Scan# 519

Delta R.T. -0.000 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

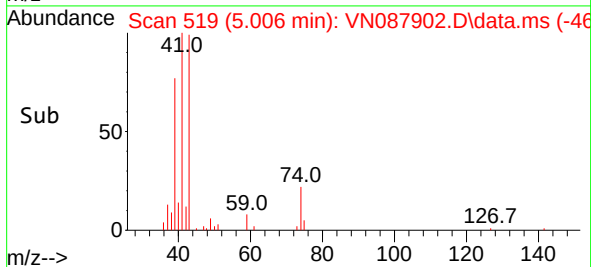
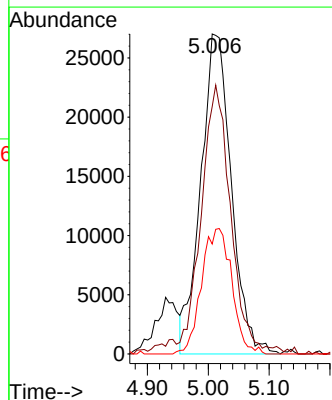
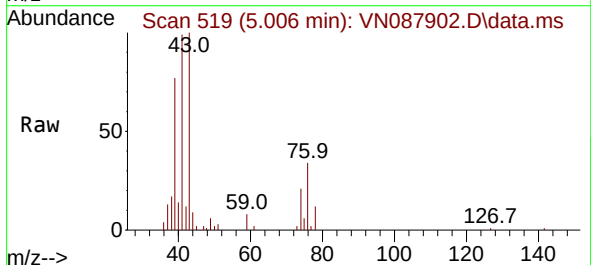
Tgt Ion: 41 Resp: 94453

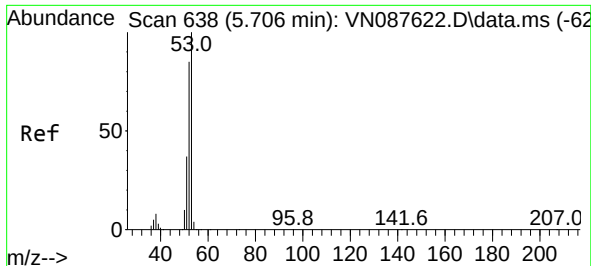
Ion Ratio Lower Upper

41 100

39 78.9 63.9 95.9

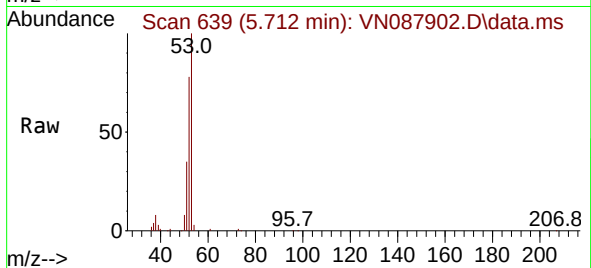
76 38.8 28.1 42.1



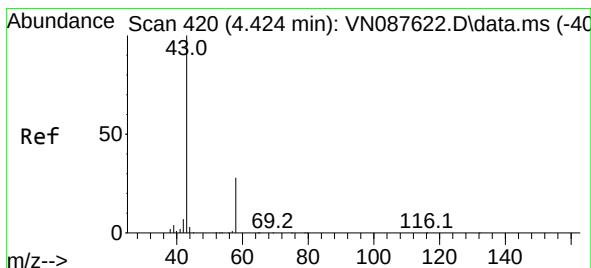
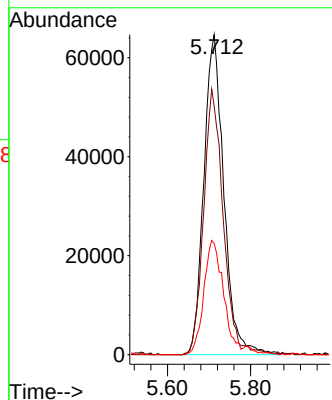
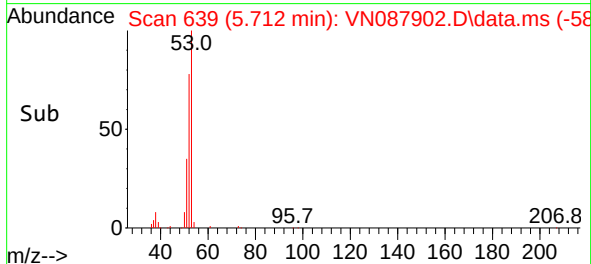


#15
Acrylonitrile
Concen: 94.654 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Instrument :
MSVOA_N
ClientSampleId :

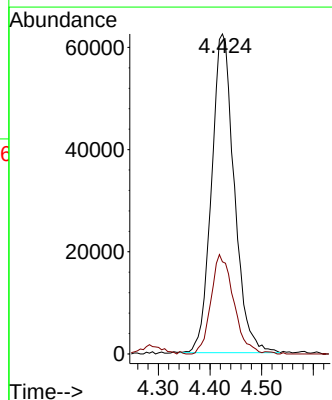
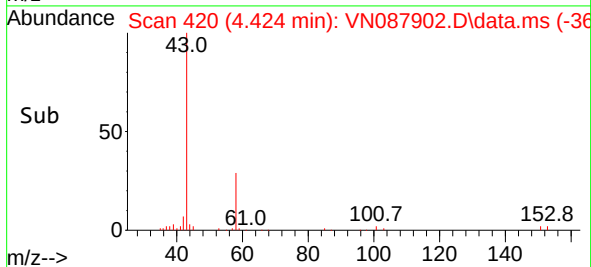
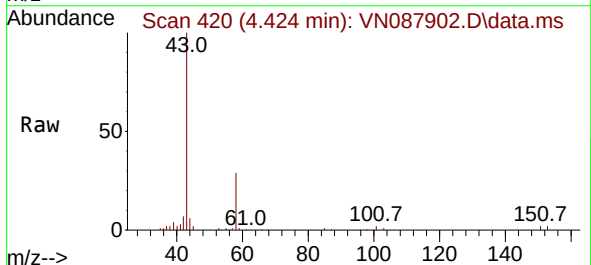


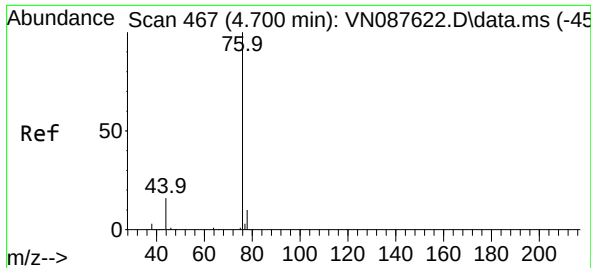
Tgt Ion: 53 Resp: 215950
Ion Ratio Lower Upper
53 100
52 81.6 67.6 101.4
51 35.3 30.1 45.1



#16
Acetone
Concen: 75.131 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Tgt Ion: 43 Resp: 190580
Ion Ratio Lower Upper
43 100
58 28.9 22.6 33.8

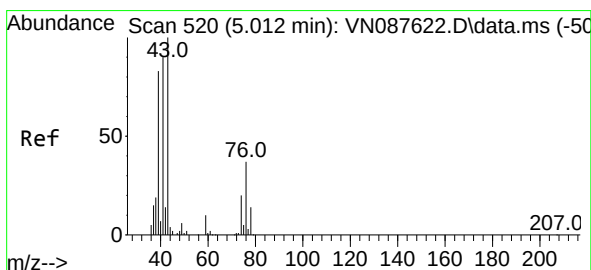
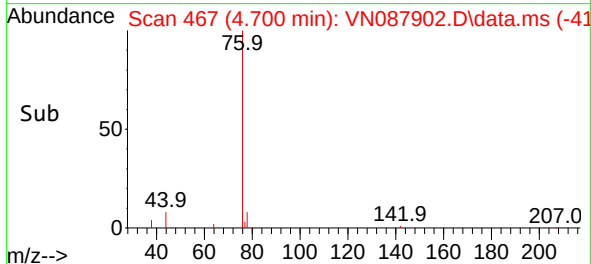
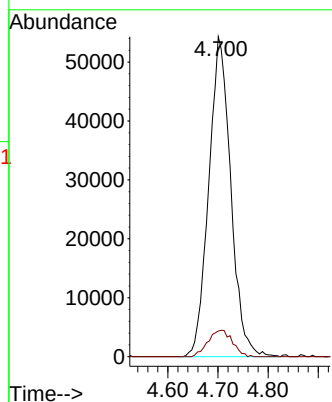
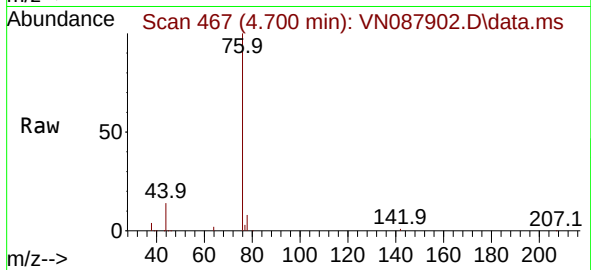




#17
Carbon Disulfide
Concen: 18.330 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

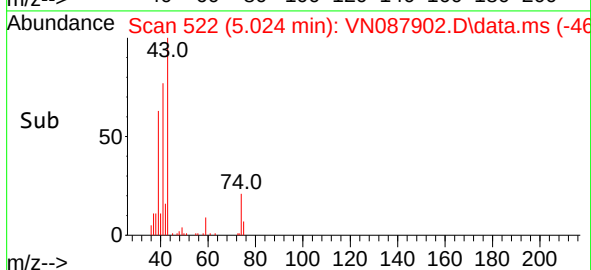
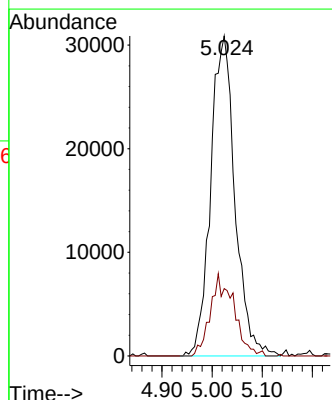
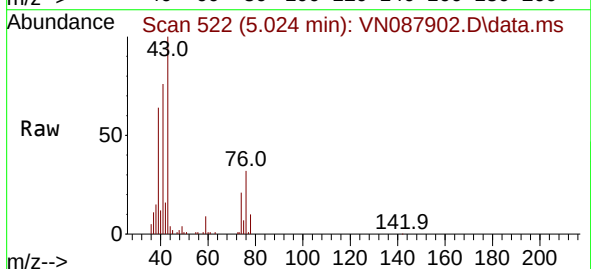
Instrument :
MSVOA_N
ClientSampleId :

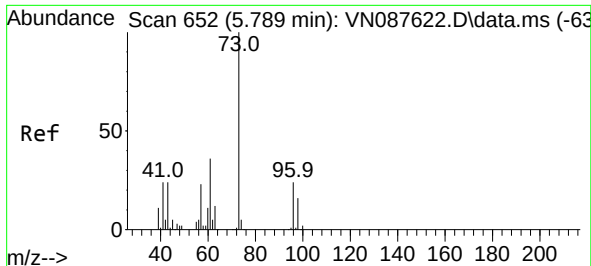
Tgt Ion: 76 Resp: 165468
Ion Ratio Lower Upper
76 100
78 8.0 7.6 11.4



#18
Methyl Acetate
Concen: 19.636 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Tgt Ion: 43 Resp: 104289
Ion Ratio Lower Upper
43 100
74 24.8 17.6 26.4

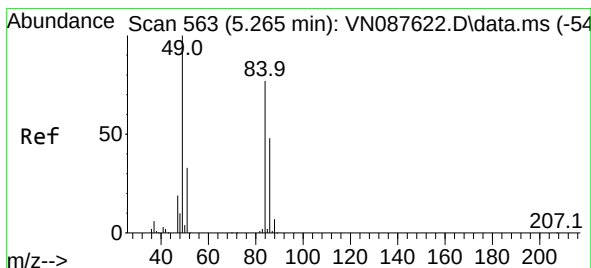
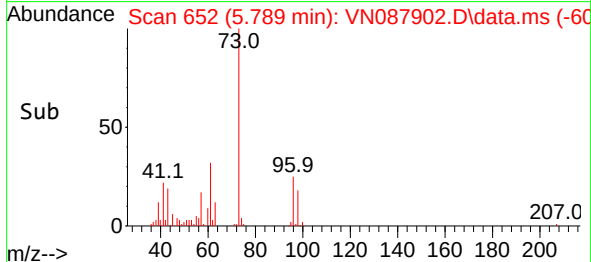
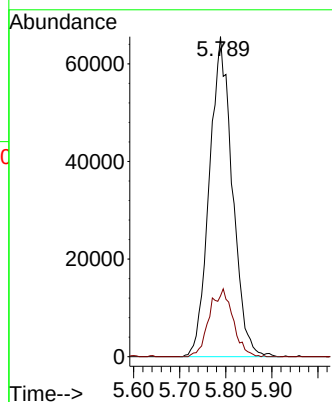
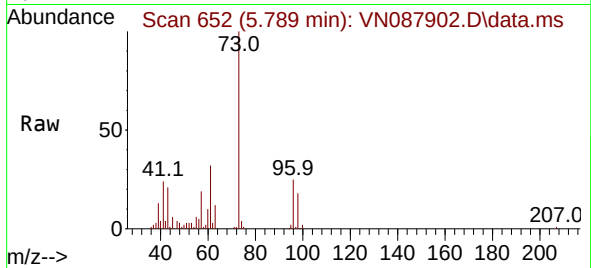




#19
Methyl tert-butyl Ether
Concen: 18.501 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

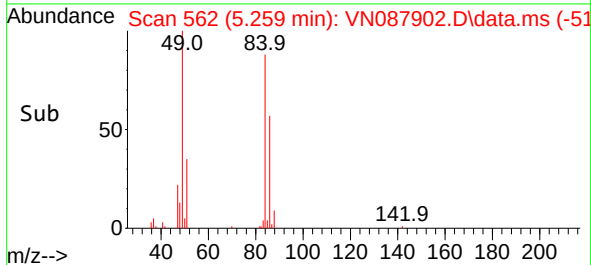
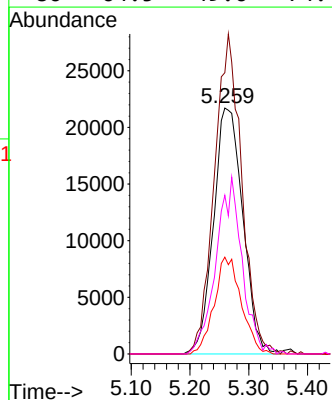
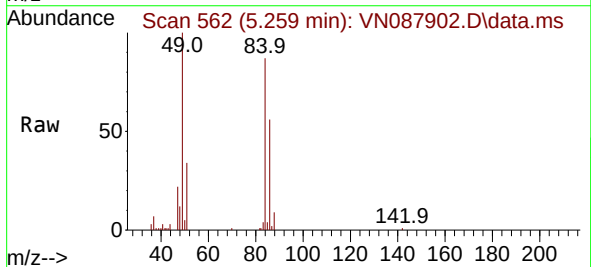
Instrument :
MSVOA_N
ClientSampleId :

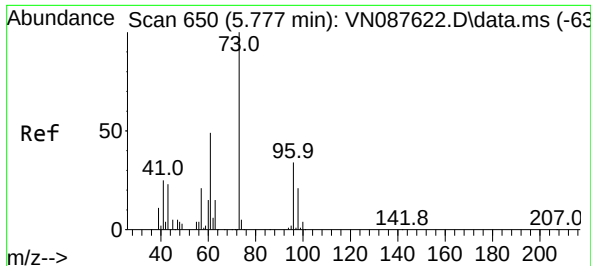
Tgt Ion: 73 Resp: 227582
Ion Ratio Lower Upper
73 100
57 19.0 18.4 27.6



#20
Methylene Chloride
Concen: 19.737 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

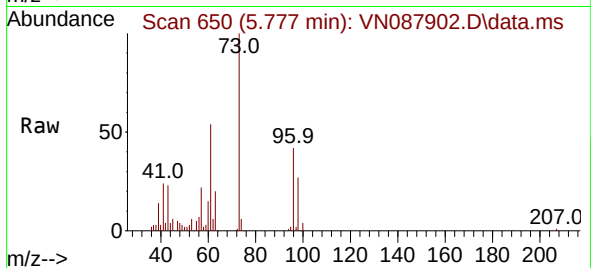
Tgt Ion: 84 Resp: 75174
Ion Ratio Lower Upper
84 100
49 114.3 103.4 155.2
51 39.3 33.8 50.8
86 64.5 49.6 74.4



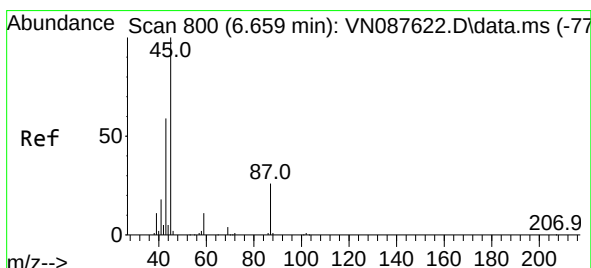
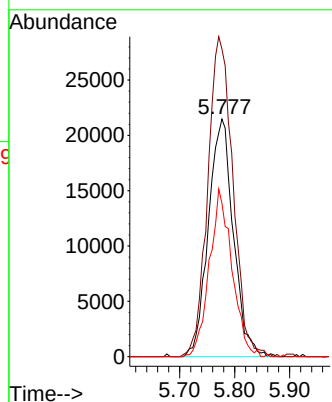
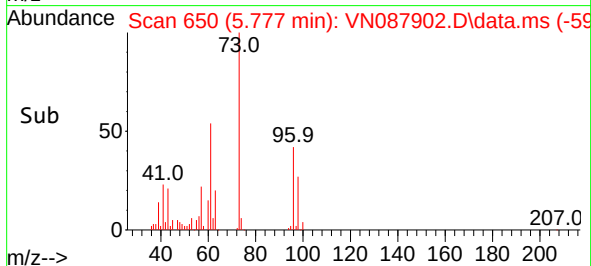


#21
trans-1,2-Dichloroethene
Concen: 19.085 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

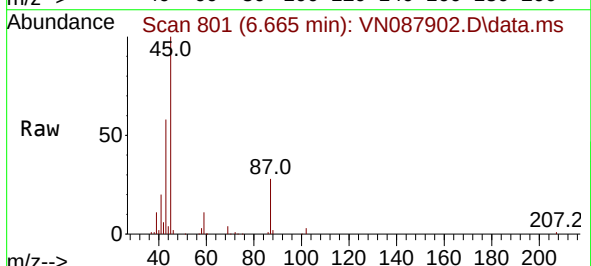
Instrument :
MSVOA_N
ClientSampleId :



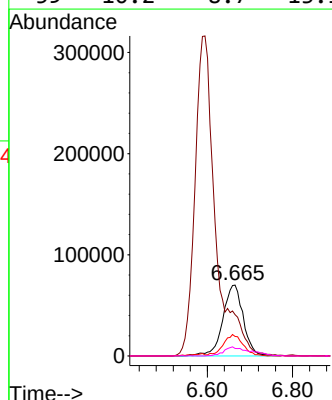
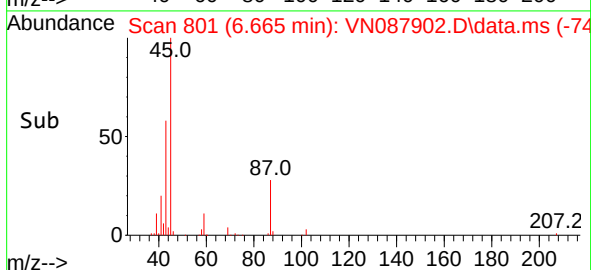
Tgt Ion: 96 Resp: 67822
Ion Ratio Lower Upper
96 100
61 129.4 118.0 177.0
98 64.5 50.0 75.0

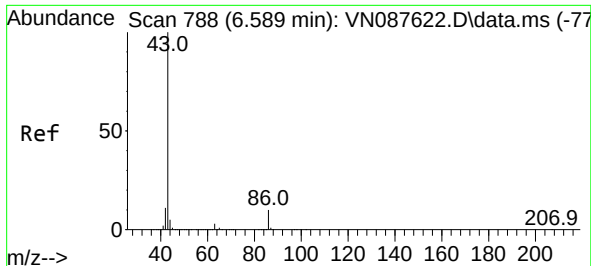


#22
Diisopropyl ether
Concen: 18.226 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26



Tgt Ion: 45 Resp: 233707
Ion Ratio Lower Upper
45 100
43 57.1 47.7 71.5
87 27.6 21.4 32.0
59 10.2 8.7 13.1

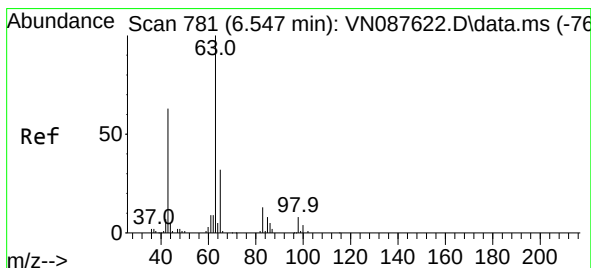
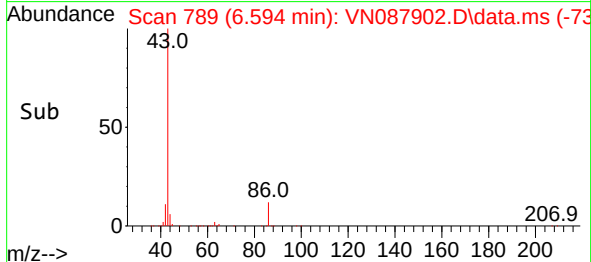
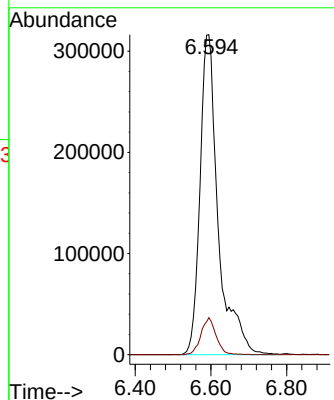
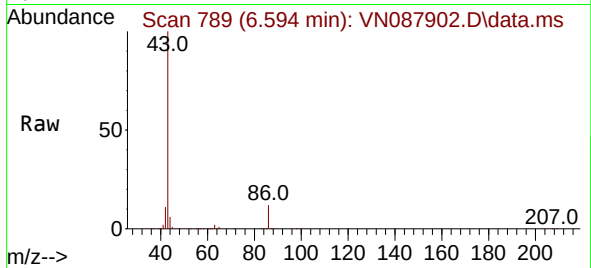




#23
 Vinyl Acetate
 Concen: 90.743 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087902.D
 Acq: 19 Sep 2025 11:26

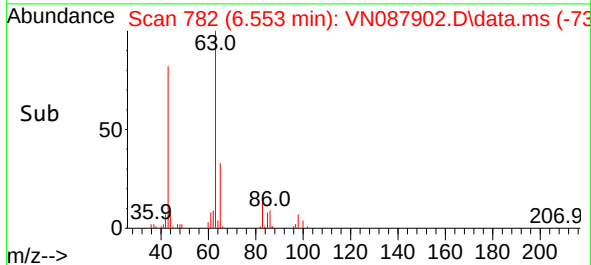
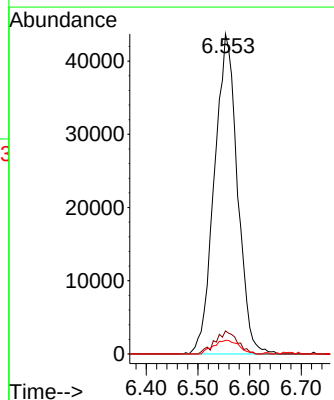
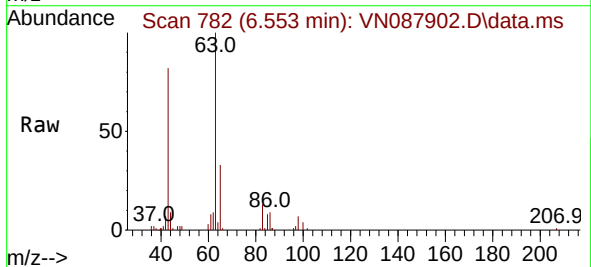
Instrument :
 MSVOA_N
 ClientSampleId :

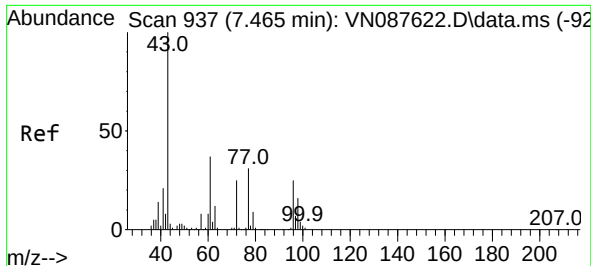
Tgt Ion: 43 Resp: 1058621
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 19.295 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087902.D
 Acq: 19 Sep 2025 11:26

Tgt Ion: 63 Resp: 135658
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 4.2 2.0 6.0

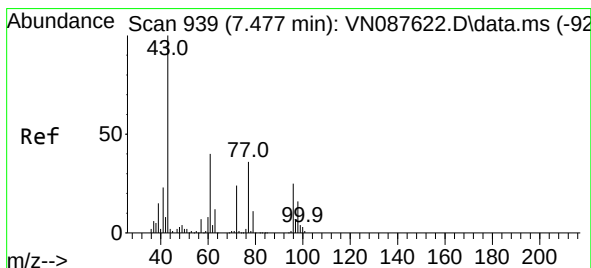
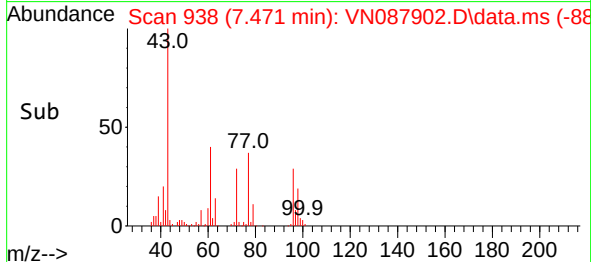
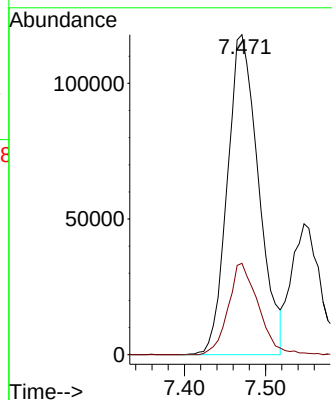
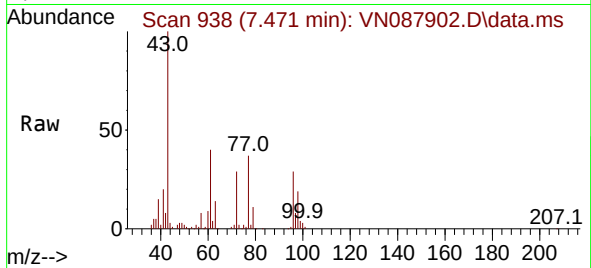




#25
2-Butanone
Concen: 94.424 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

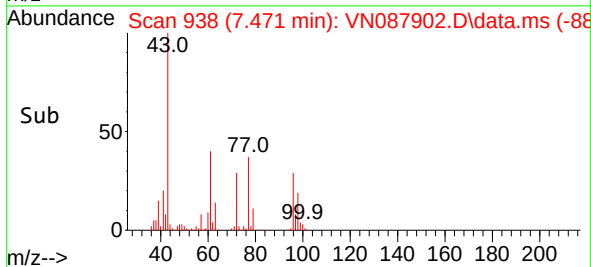
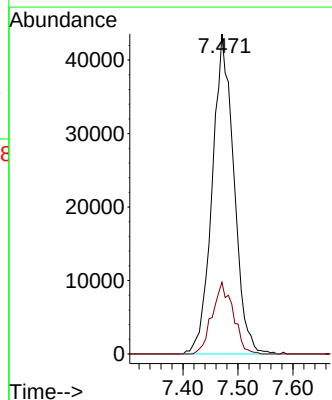
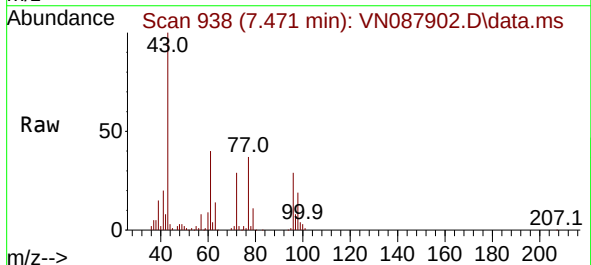
Instrument :
MSVOA_N
ClientSampleId :

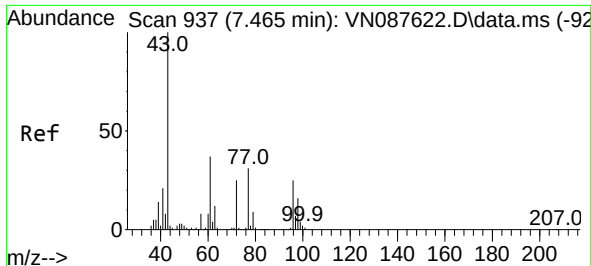
Tgt Ion: 43 Resp: 315118
Ion Ratio Lower Upper
43 100
72 28.6 19.9 29.9



#26
2,2-Dichloropropane
Concen: 19.792 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

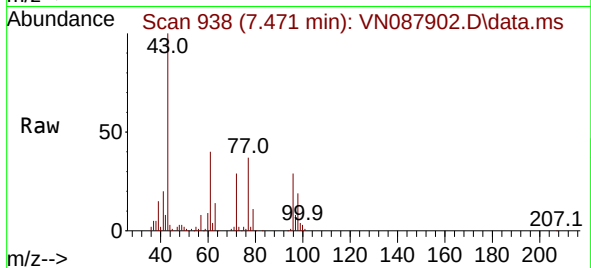
Tgt Ion: 77 Resp: 119427
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.7



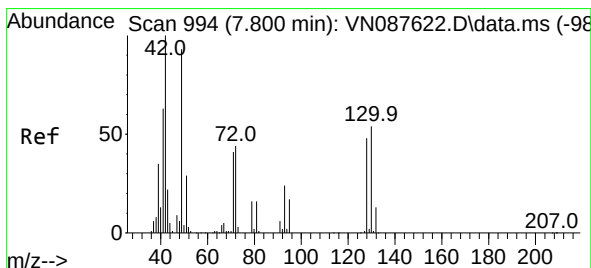
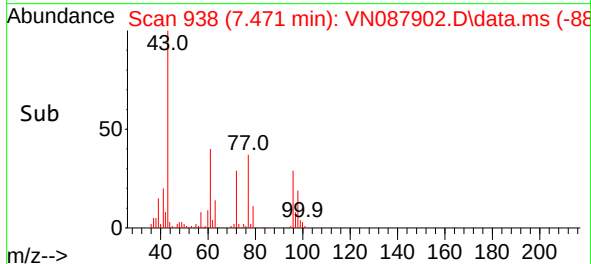
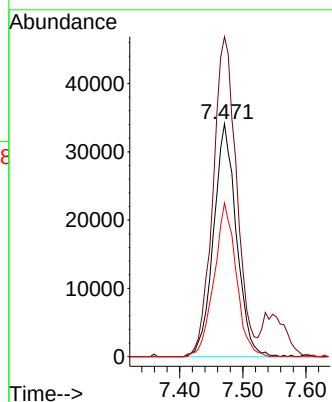


#27
 cis-1,2-Dichloroethene
 Concen: 20.161 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087902.D
 Acq: 19 Sep 2025 11:26

Instrument :
 MSVOA_N
 ClientSampleId :

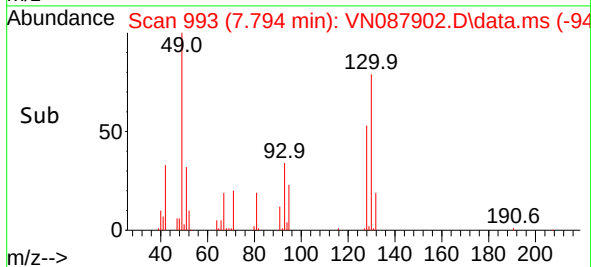
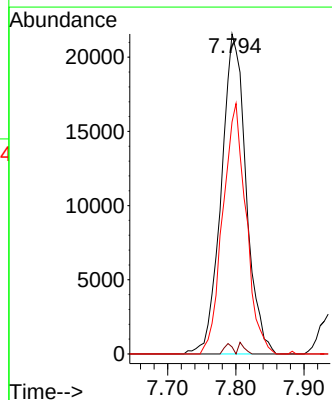
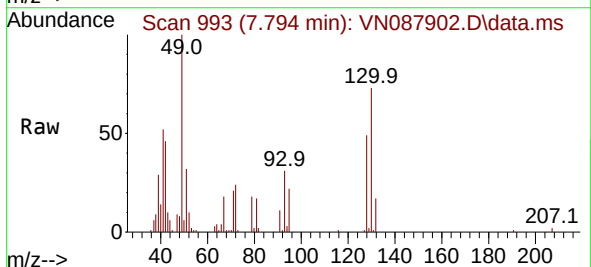


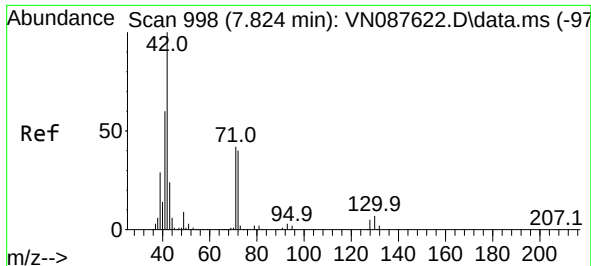
Tgt Ion: 96 Resp: 85653
 Ion Ratio Lower Upper
 96 100
 61 142.5 0.0 301.8
 98 63.8 0.0 126.2



#28
 Bromochloromethane
 Concen: 16.099 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087902.D
 Acq: 19 Sep 2025 11:26

Tgt Ion: 49 Resp: 54721
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.0
 130 73.4 53.1 79.7





#29

Tetrahydrofuran

Concen: 92.938 ug/l

RT: 7.830 min Scan# 998

Delta R.T. 0.006 min

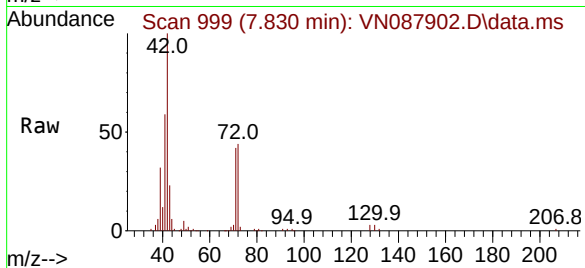
Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

Instrument :

MSVOA_N

ClientSampleId :



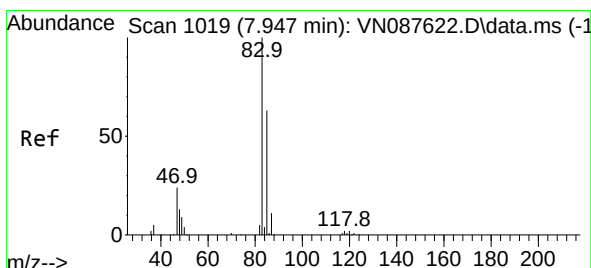
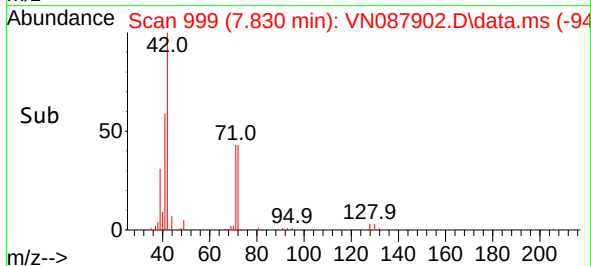
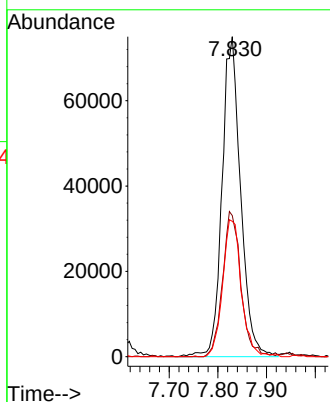
Tgt Ion: 42 Resp: 199606

Ion Ratio Lower Upper

42 100

72 44.6 33.7 50.5

71 42.7 31.9 47.9



#30

Chloroform

Concen: 20.105 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087902.D

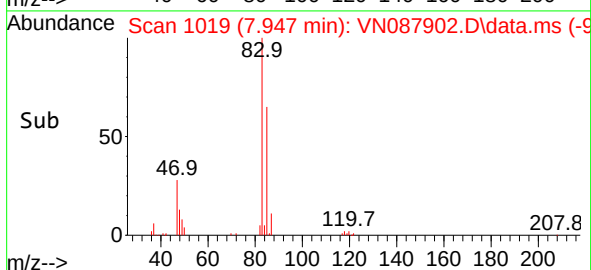
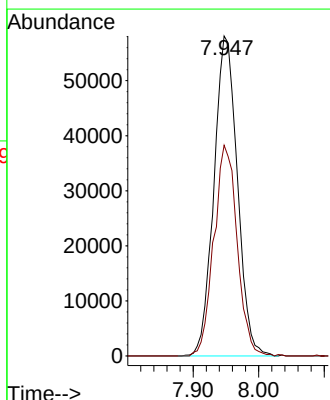
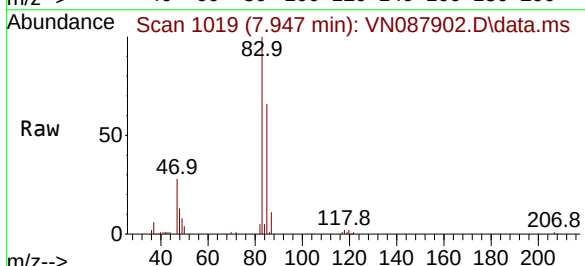
Acq: 19 Sep 2025 11:26

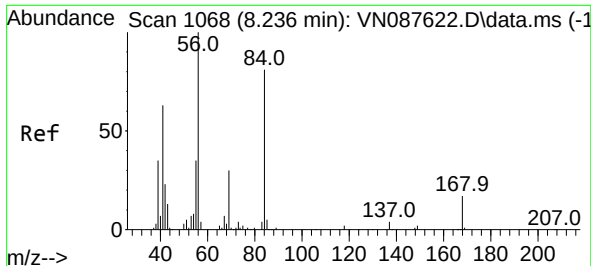
Tgt Ion: 83 Resp: 144278

Ion Ratio Lower Upper

83 100

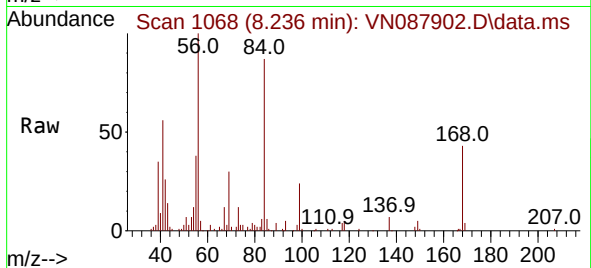
85 65.8 50.7 76.1



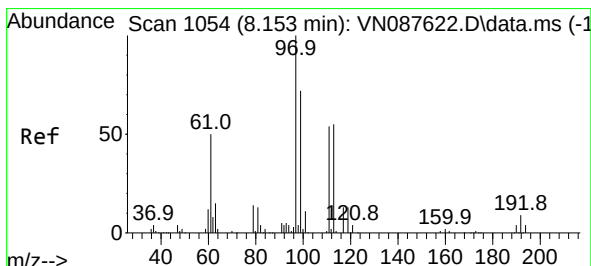
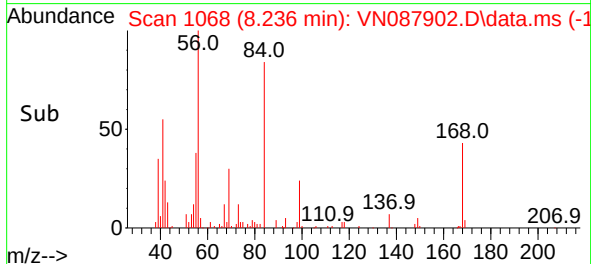
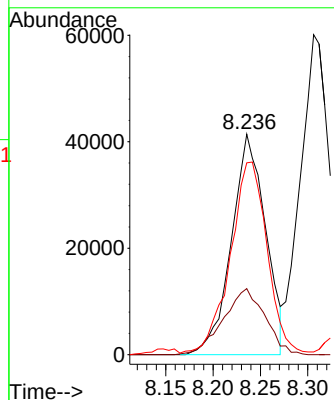


#31
Cyclohexane
Concen: 17.668 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Instrument :
MSVOA_N
ClientSampleId :

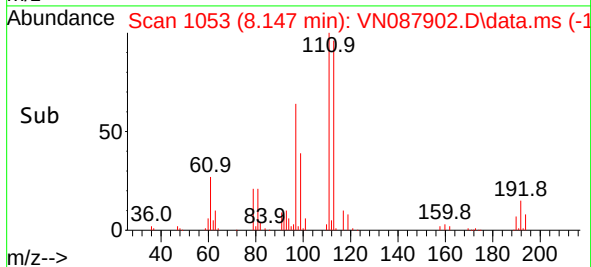
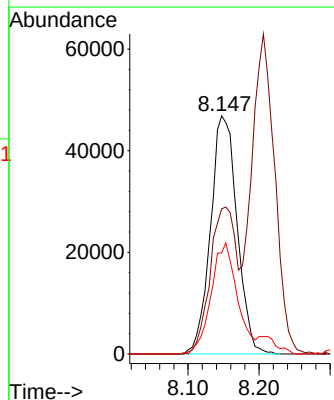
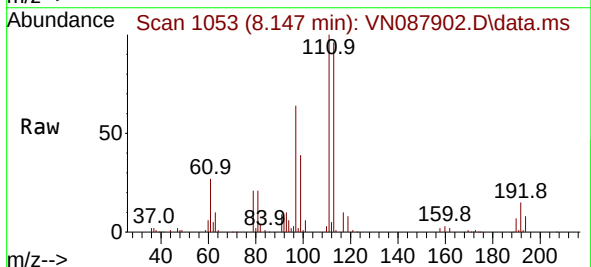


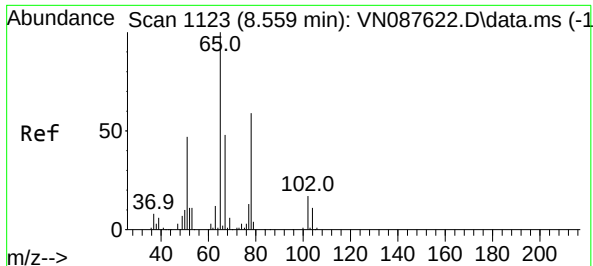
Tgt Ion: 56 Resp: 103556
Ion Ratio Lower Upper
56 100
69 29.6 23.7 35.5
84 86.3 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 19.980 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Tgt Ion: 97 Resp: 121512
Ion Ratio Lower Upper
97 100
99 59.6 52.2 78.2
61 46.2 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 47.093 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

Instrument :

MSVOA_N

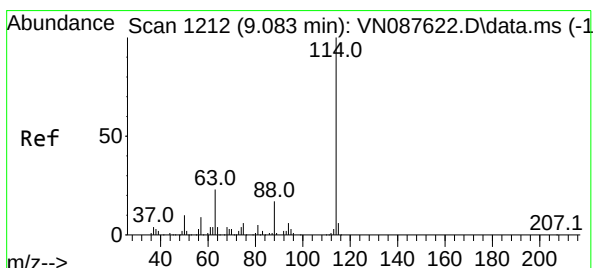
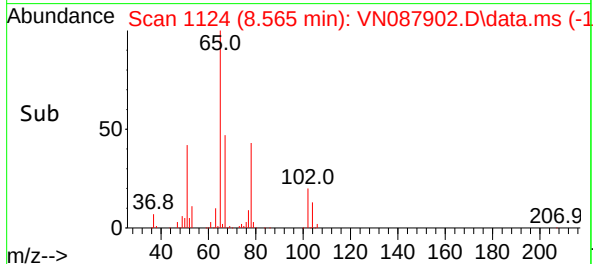
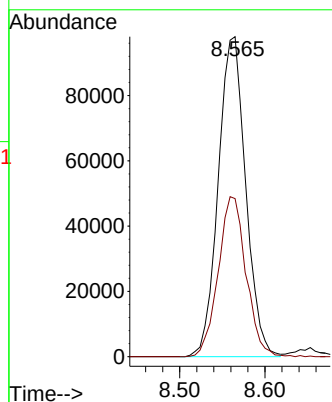
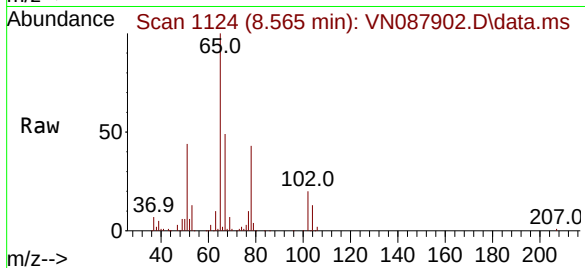
ClientSampleId :

Tgt Ion: 65 Resp: 219444

Ion Ratio Lower Upper

65 100

67 50.6 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: VN087902.D

Acq: 19 Sep 2025 11:26

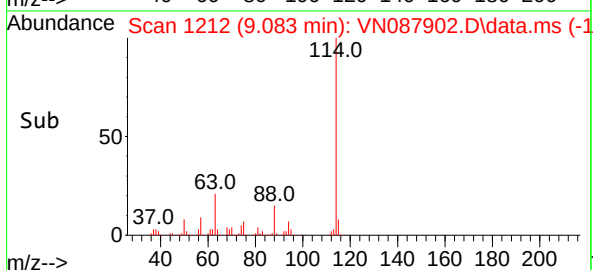
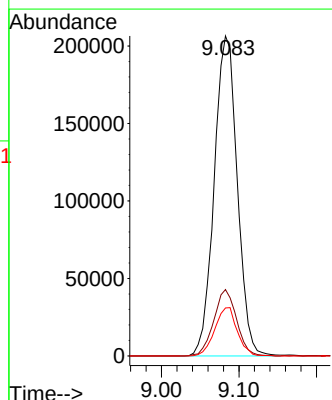
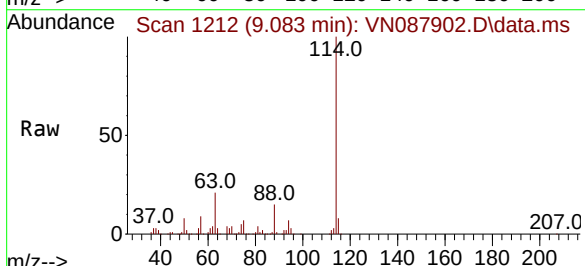
Tgt Ion: 114 Resp: 427601

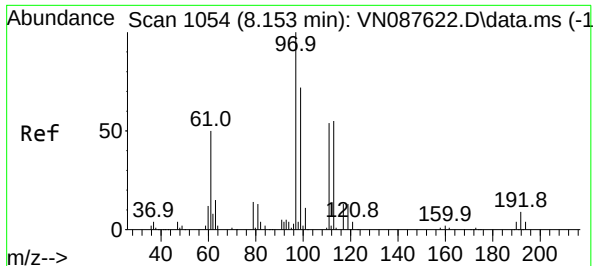
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.2

88 15.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 55.626 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

Instrument :

MSVOA_N

ClientSampleId :

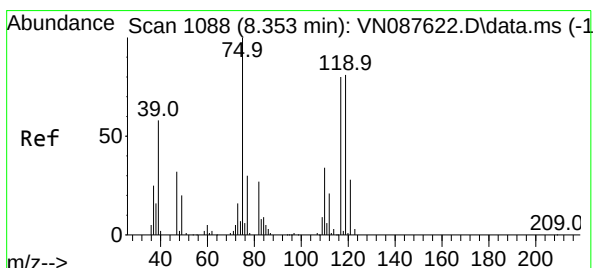
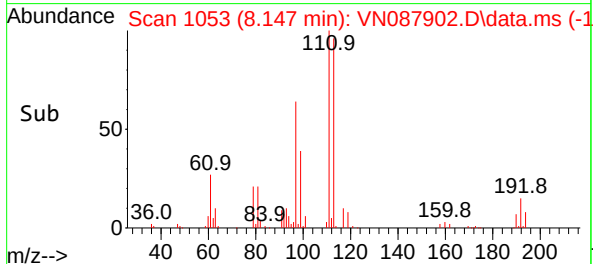
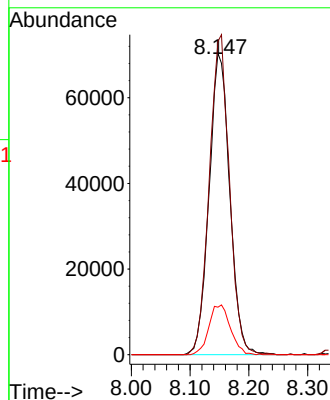
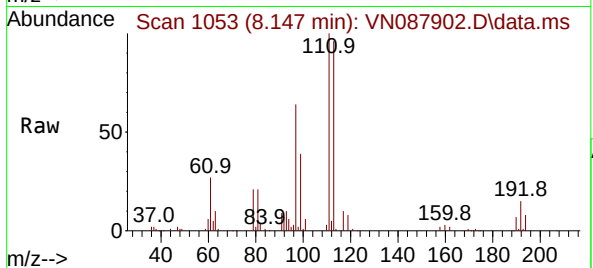
Tgt Ion:113 Resp: 171731

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

192 17.2 12.8 19.2



#36

1,1-Dichloropropene

Concen: 19.066 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

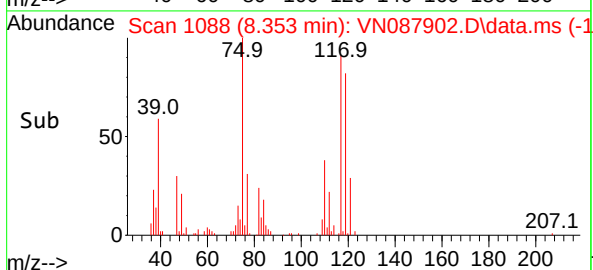
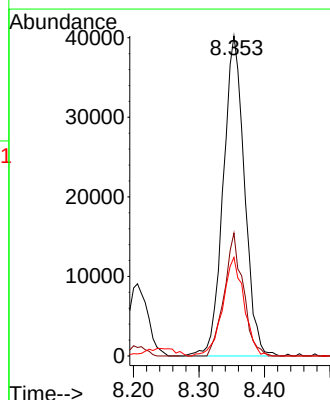
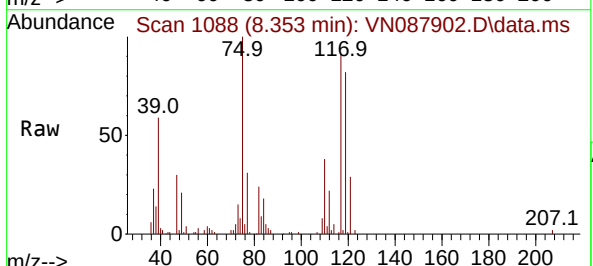
Tgt Ion: 75 Resp: 90302

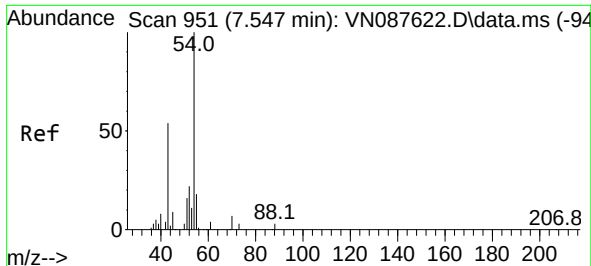
Ion Ratio Lower Upper

75 100

110 34.4 15.9 47.6

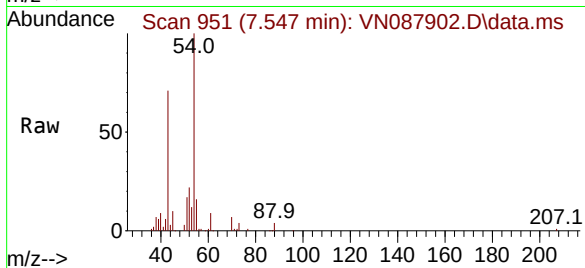
77 30.9 24.4 36.6



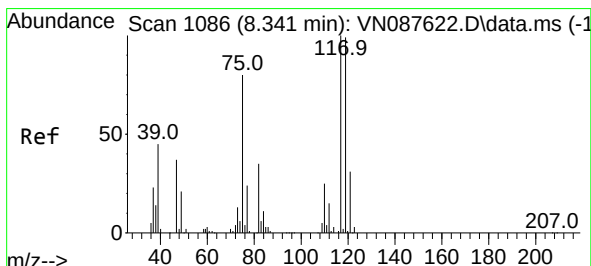
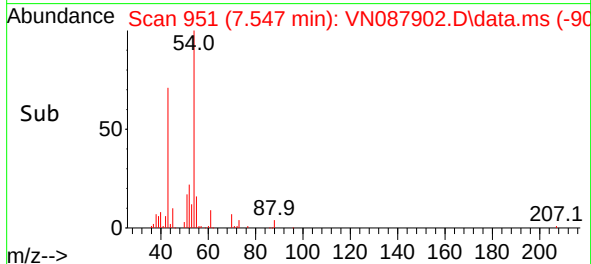
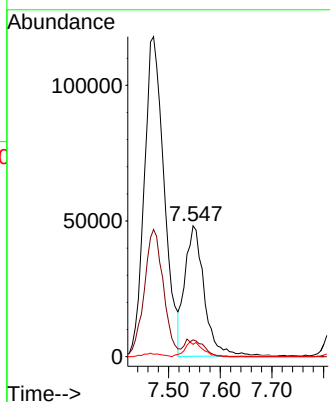


#37
Ethyl Acetate
Concen: 19.385 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Instrument :
MSVOA_N
ClientSampleId :

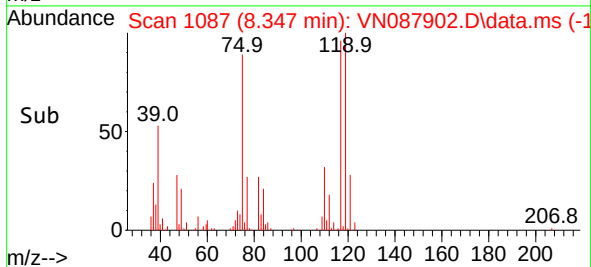
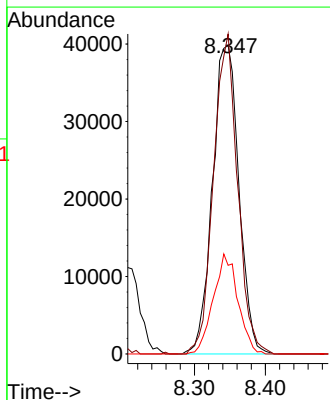
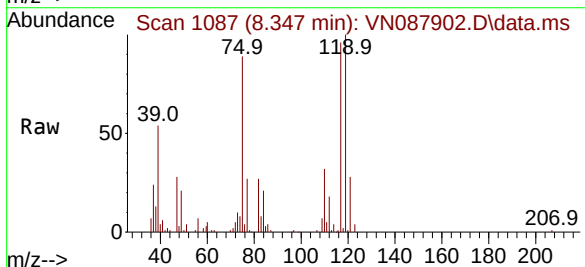


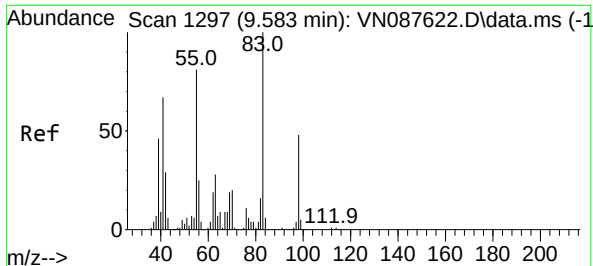
Tgt Ion: 43 Resp: 125459
Ion Ratio Lower Upper
43 100
61 12.9 9.3 13.9
70 10.4 7.0 10.6



#38
Carbon Tetrachloride
Concen: 21.954 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Tgt Ion: 117 Resp: 102660
Ion Ratio Lower Upper
117 100
119 103.7 79.0 118.6
121 28.7 25.0 37.6





#39

Methylcyclohexane

Concen: 18.516 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN087902.D

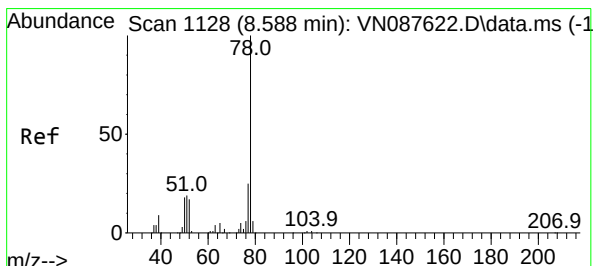
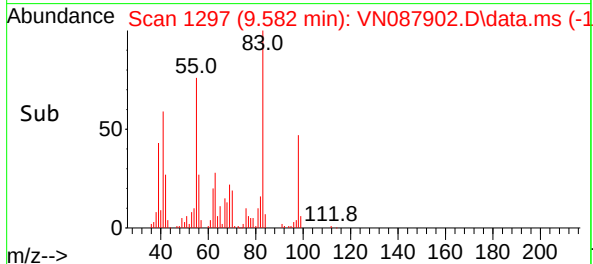
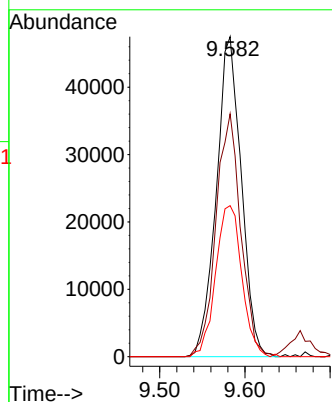
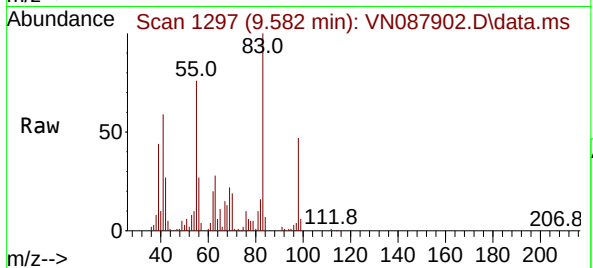
Acq: 19 Sep 2025 11:26

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	83	Resp:	96551
Ion	Ratio	Lower	Upper
83	100		
55	75.9	64.6	96.8
98	47.2	38.4	57.6



#40

Benzene

Concen: 20.924 ug/l

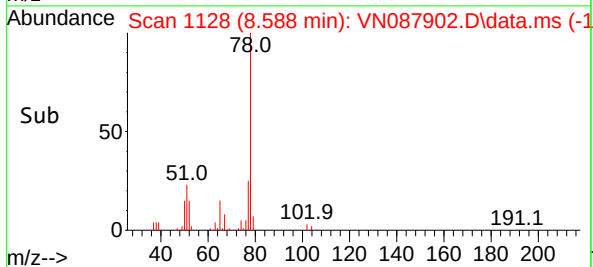
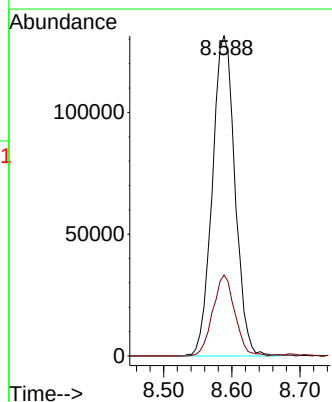
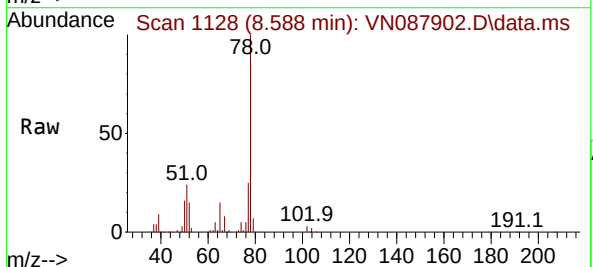
RT: 8.588 min Scan# 1128

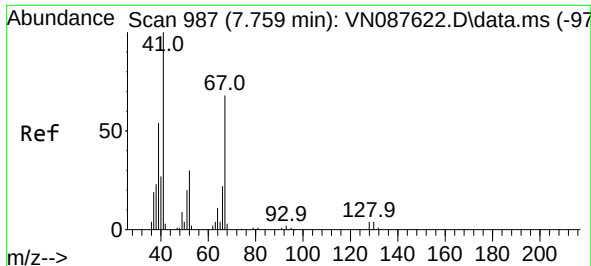
Delta R.T. -0.000 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

Tgt Ion:	78	Resp:	303962
Ion	Ratio	Lower	Upper
78	100		
77	25.3	19.7	29.5

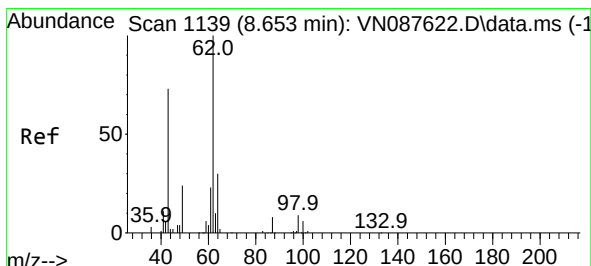
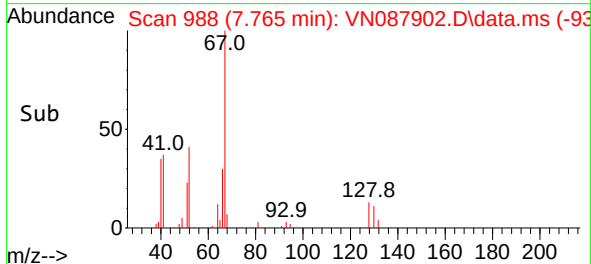
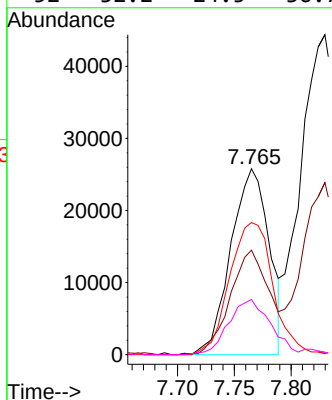
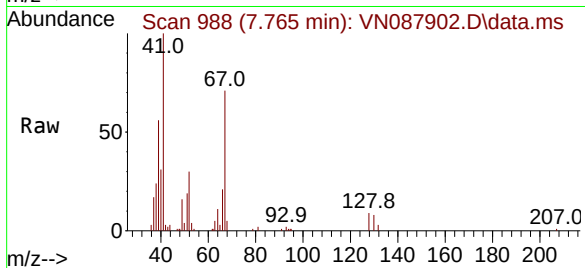




#41
Methacrylonitrile
Concen: 18.070 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

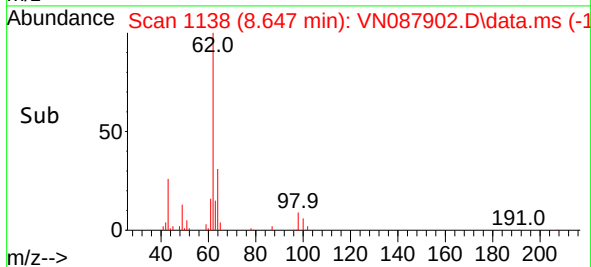
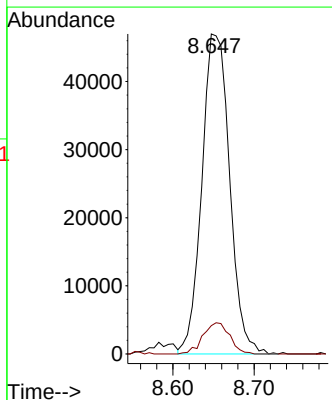
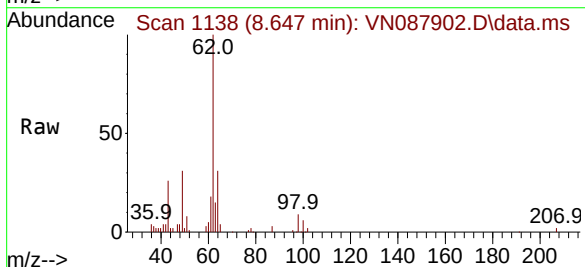
Instrument :
MSVOA_N
ClientSampleId :

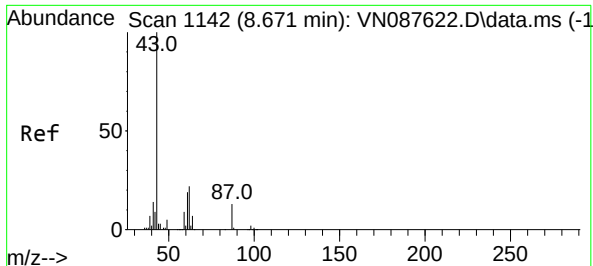
Tgt Ion:	41	Resp:	60580
Ion	Ratio	Lower	Upper
41	100		
39	56.5	45.4	68.0
67	80.3	55.3	82.9
52	32.2	24.5	36.7



#42
1,2-Dichloroethane
Concen: 20.036 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Tgt Ion:	62	Resp:	111847
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.4





#43

Isopropyl Acetate

Concen: 19.039 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

Instrument :

MSVOA_N

ClientSampleId :

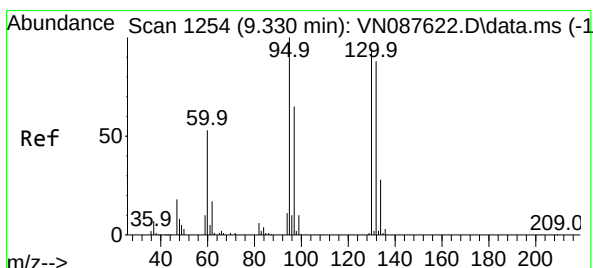
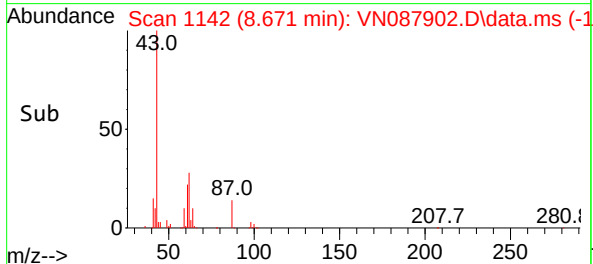
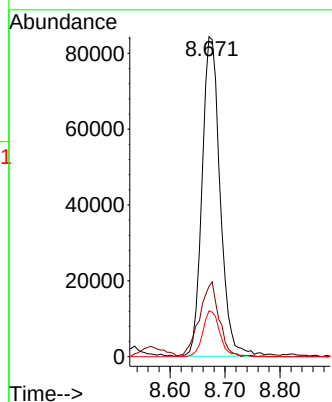
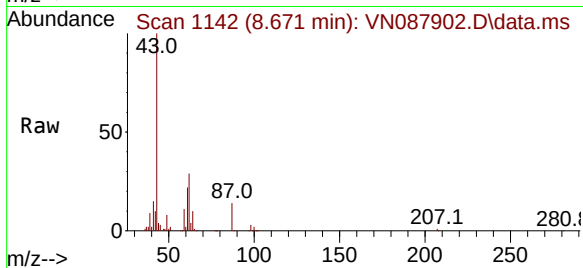
Tgt Ion: 43 Resp: 192377

Ion Ratio Lower Upper

43 100

61 25.4 18.8 28.2

87 13.7 9.6 14.4



#44

Trichloroethene

Concen: 20.835 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.006 min

Lab File: VN087902.D

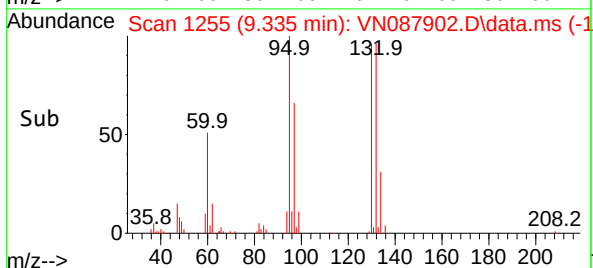
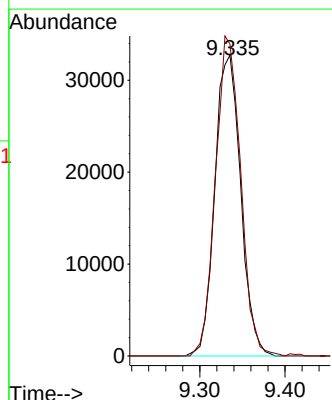
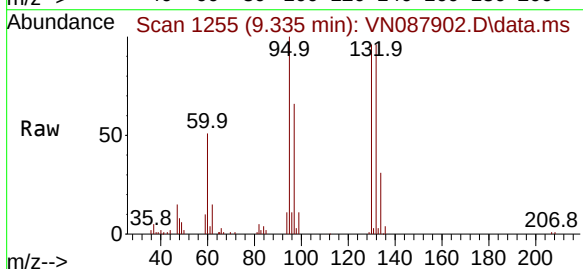
Acq: 19 Sep 2025 11:26

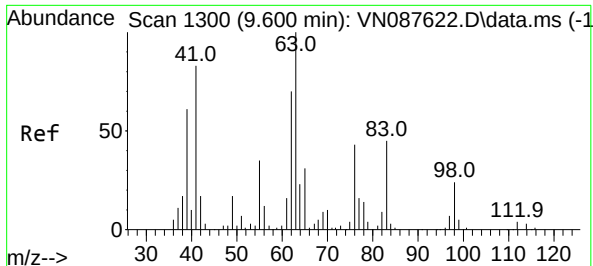
Tgt Ion:130 Resp: 69102

Ion Ratio Lower Upper

130 100

95 103.7 0.0 212.0





#45

1,2-Dichloropropane

Concen: 19.906 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

Instrument :

MSVOA_N

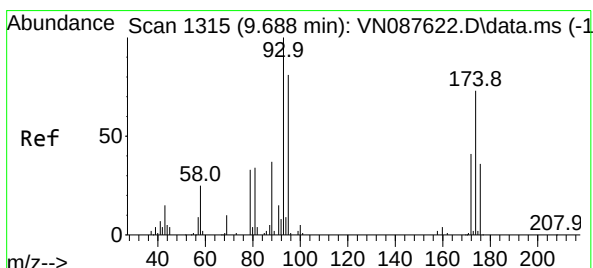
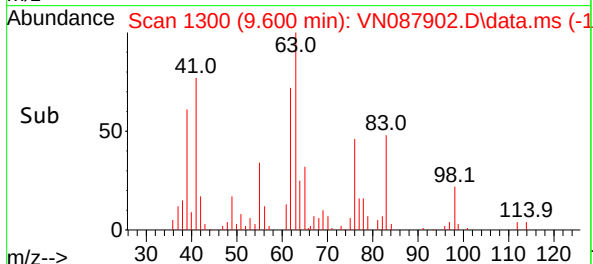
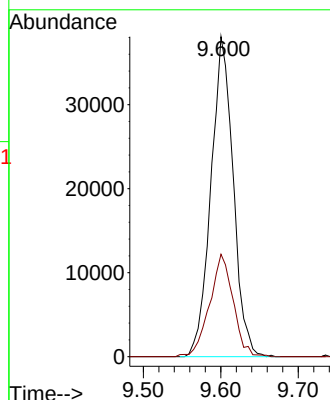
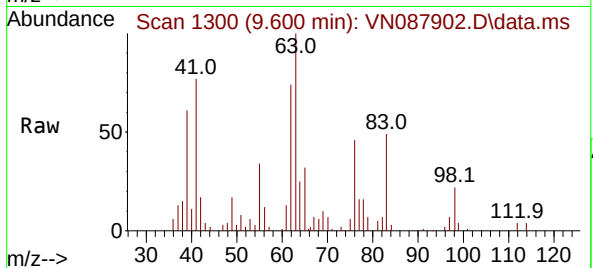
ClientSampleId :

Tgt Ion: 63 Resp: 76221

Ion Ratio Lower Upper

63 100

65 32.0 25.0 37.4



#46

Dibromomethane

Concen: 21.792 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

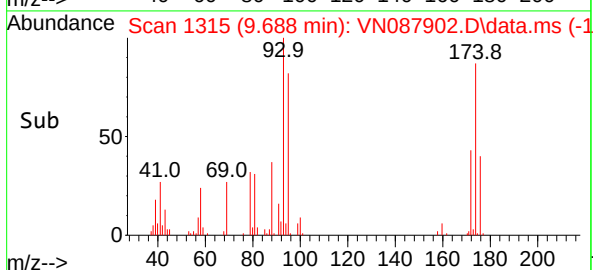
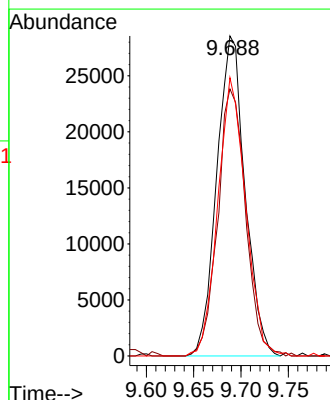
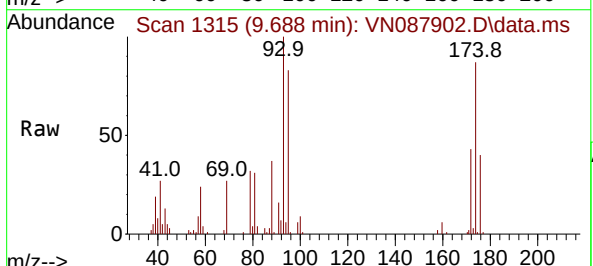
Tgt Ion: 93 Resp: 59379

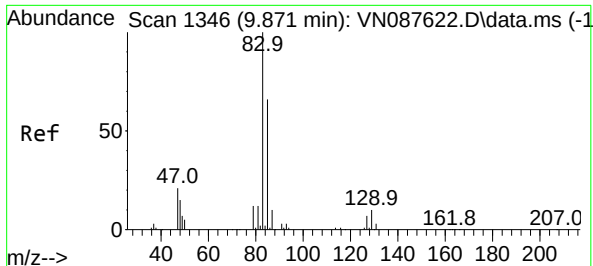
Ion Ratio Lower Upper

93 100

95 82.1 66.2 99.4

174 85.3 63.4 95.2





#47

Bromodichloromethane

Concen: 20.547 ug/l

RT: 9.871 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

Instrument :

MSVOA_N

ClientSampleId :

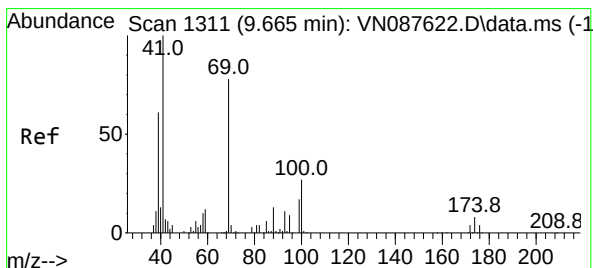
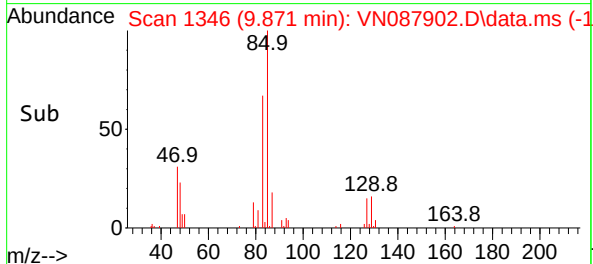
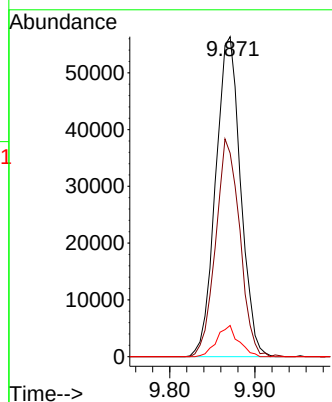
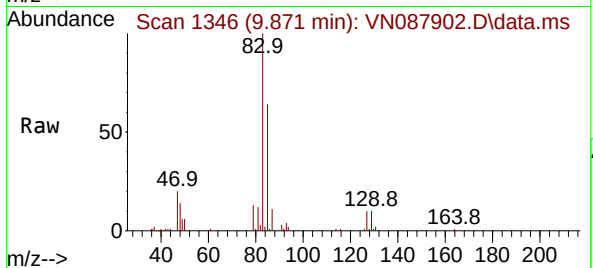
Tgt Ion: 83 Resp: 114743

Ion Ratio Lower Upper

83 100

85 63.6 52.5 78.7

127 9.7 5.8 8.6#



#48

Methyl methacrylate

Concen: 18.007 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

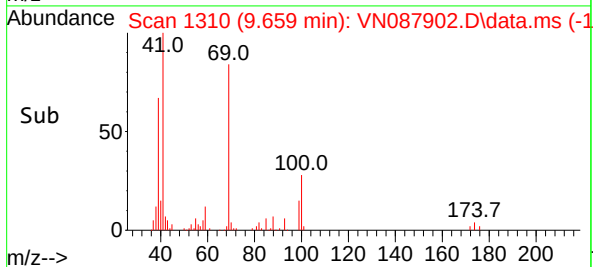
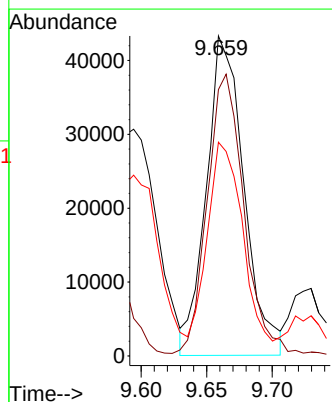
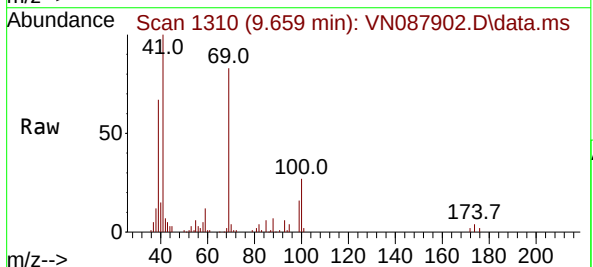
Tgt Ion: 41 Resp: 86064

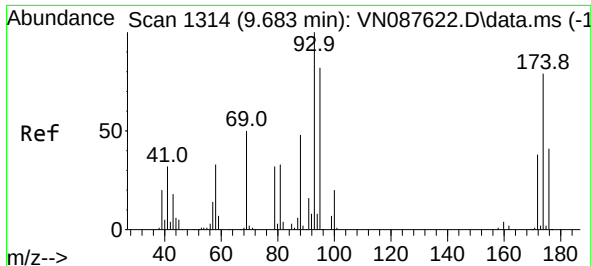
Ion Ratio Lower Upper

41 100

69 86.1 62.7 94.1

39 64.1 52.9 79.3

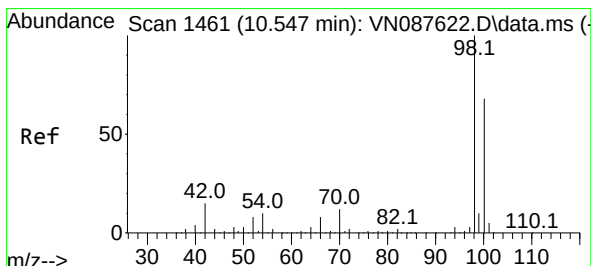
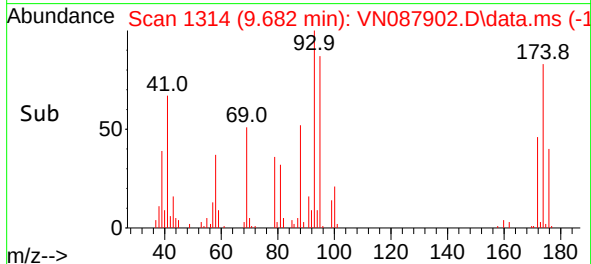
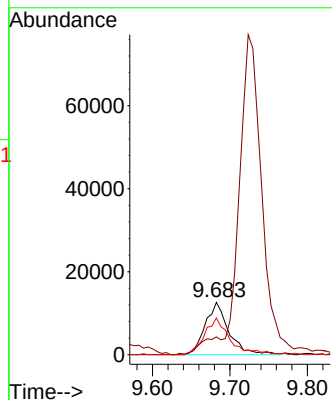
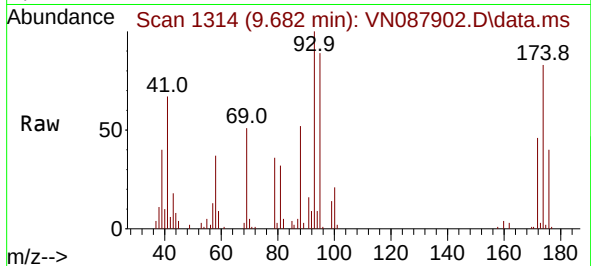




#49
1,4-Dioxane
Concen: 431.648 ug/l
RT: 9.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

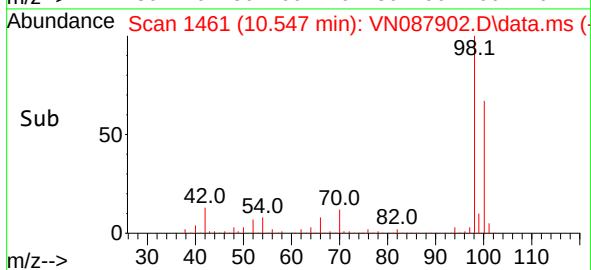
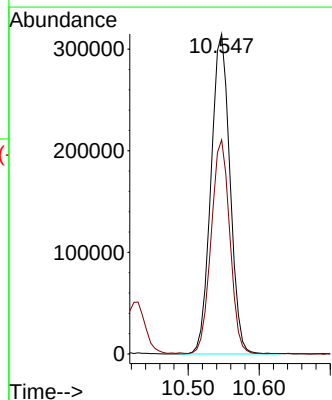
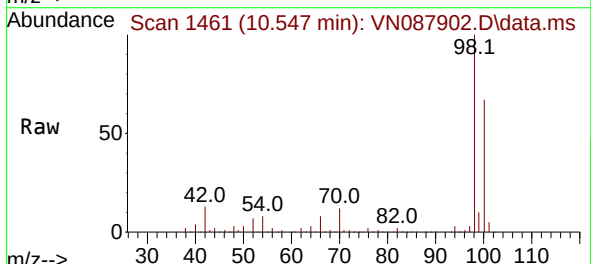
Instrument :
MSVOA_N
ClientSampleId :

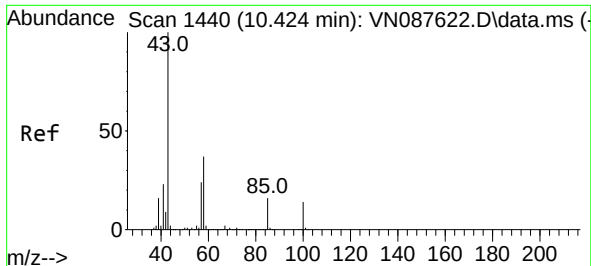
Tgt Ion: 88 Resp: 26740
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 74.9 57.9 86.9



#50
Toluene-d8
Concen: 50.533 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Tgt Ion: 98 Resp: 583914
Ion Ratio Lower Upper
98 100
100 65.6 52.8 79.2

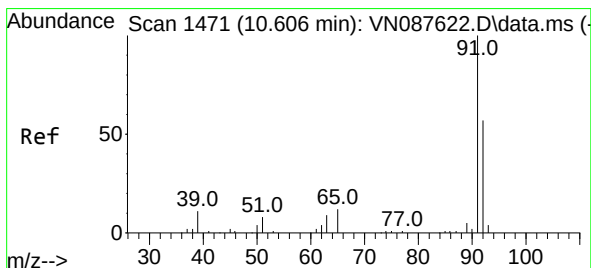
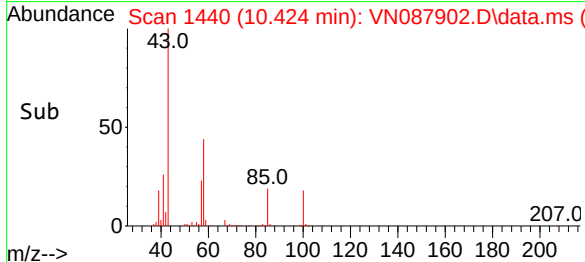
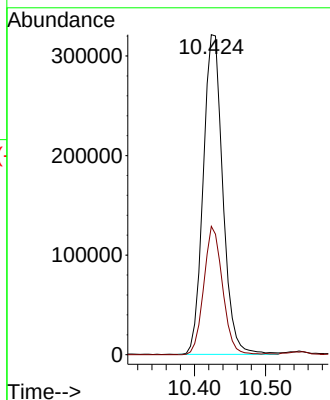
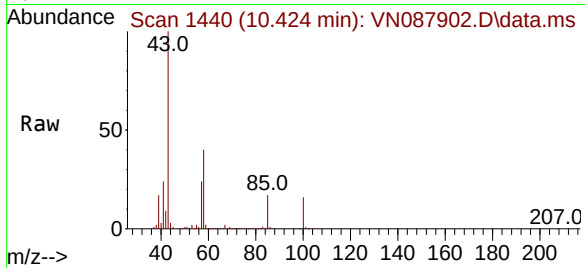




#51
4-Methyl-2-Pentanone
Concen: 101.311 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

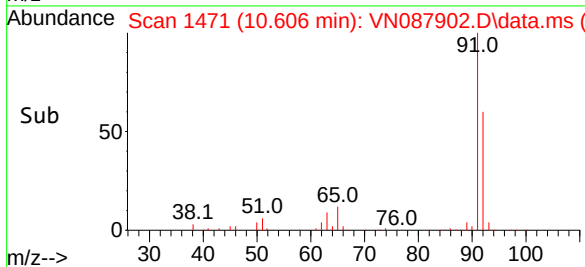
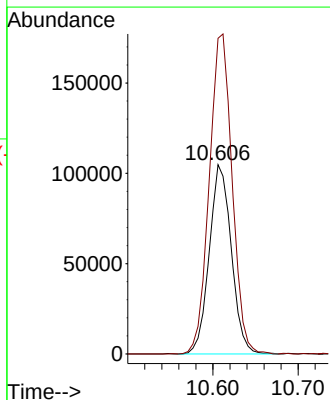
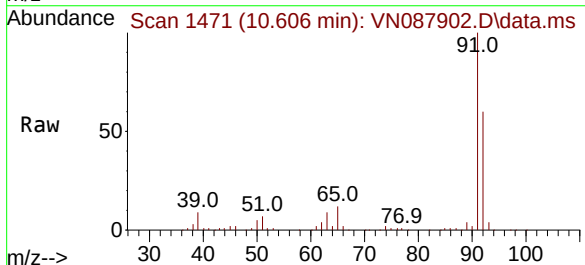
Instrument :
MSVOA_N
ClientSampleId :

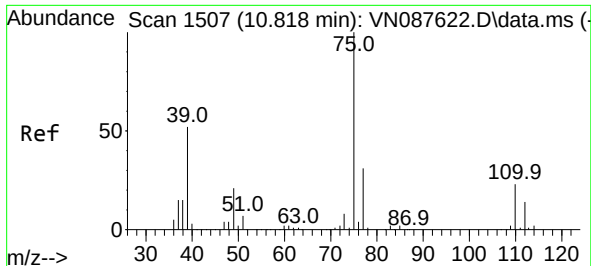
Tgt Ion: 43 Resp: 617637
Ion Ratio Lower Upper
43 100
58 38.3 29.6 44.4



#52
Toluene
Concen: 20.917 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Tgt Ion: 92 Resp: 188372
Ion Ratio Lower Upper
92 100
91 175.3 140.4 210.6

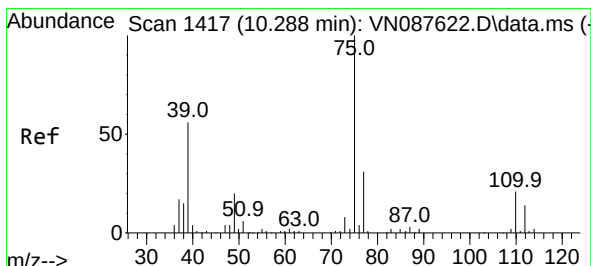
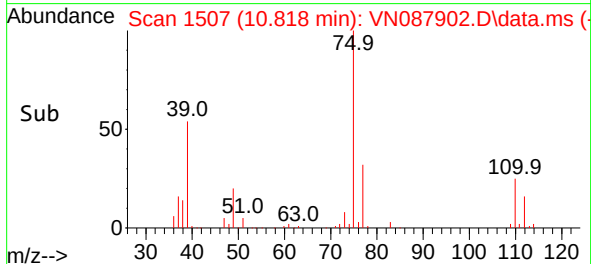
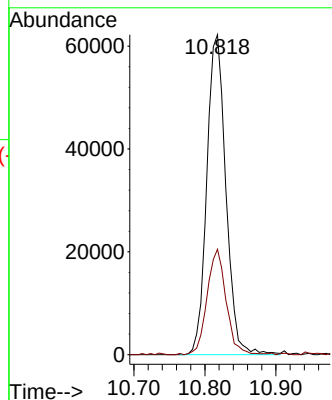
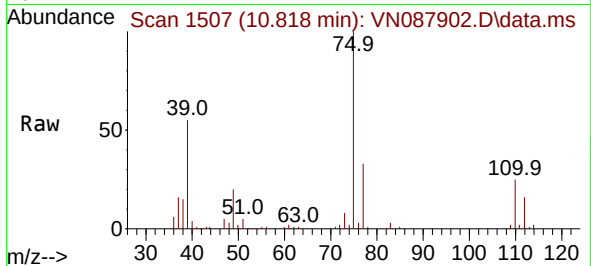




#53
 t-1,3-Dichloropropene
 Concen: 20.123 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN087902.D
 Acq: 19 Sep 2025 11:26

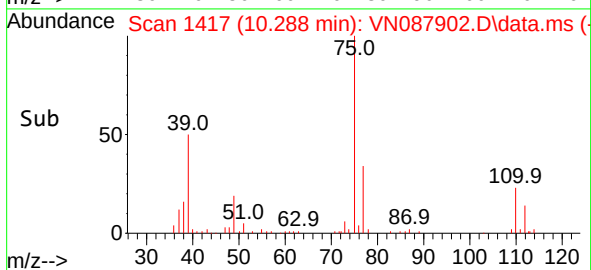
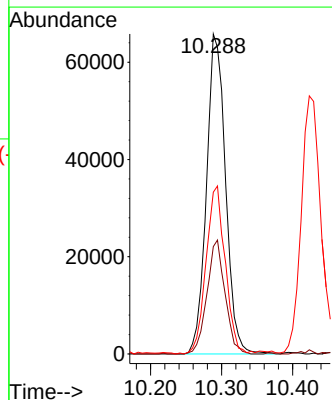
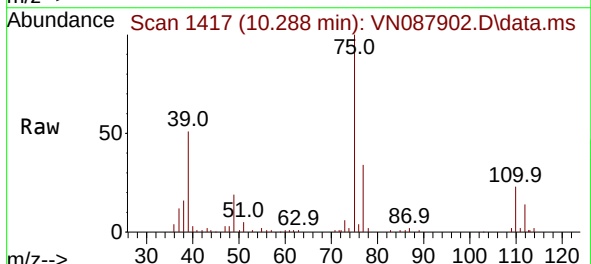
Instrument :
 MSVOA_N
 ClientSampleId :

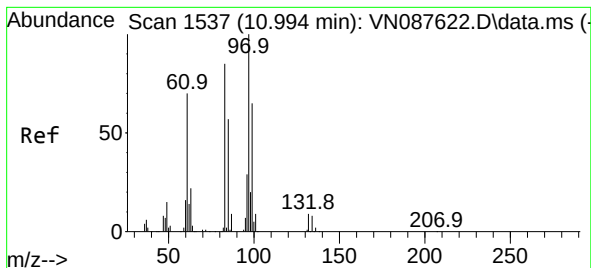
Tgt Ion: 75 Resp: 116319
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.499 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VN087902.D
 Acq: 19 Sep 2025 11:26

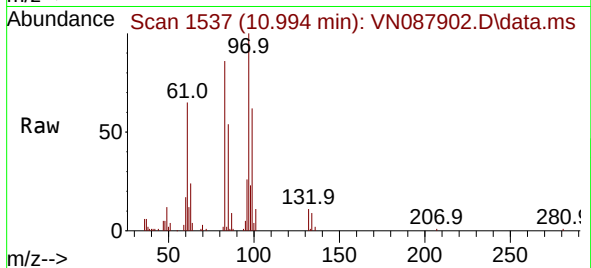
Tgt Ion: 75 Resp: 123039
 Ion Ratio Lower Upper
 75 100
 77 33.6 24.6 37.0
 39 50.3 45.2 67.8



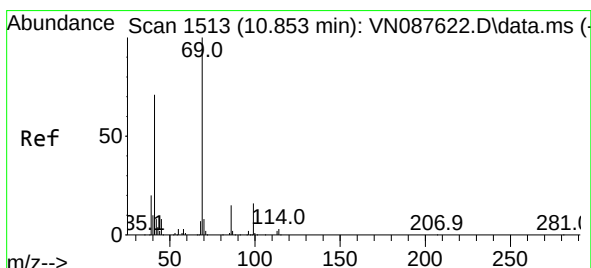
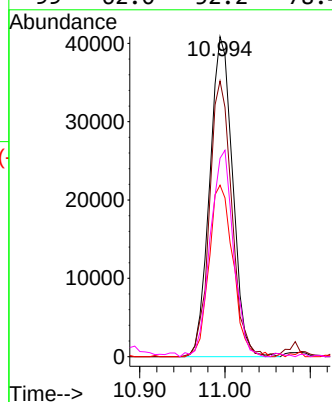
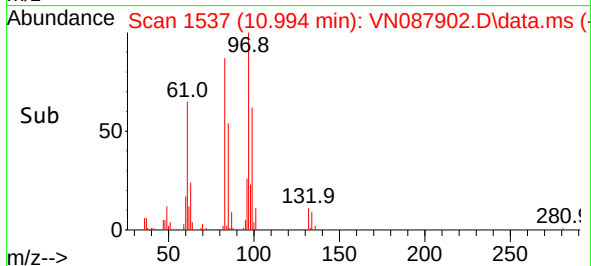


#55
1,1,2-Trichloroethane
Concen: 21.910 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

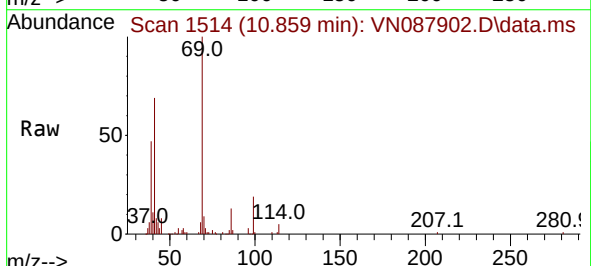
Instrument :
MSVOA_N
ClientSampleId :



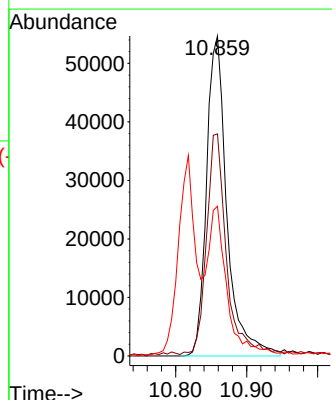
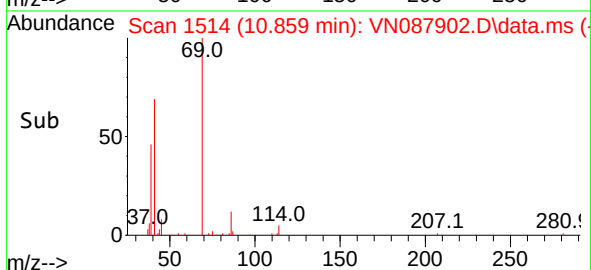
Tgt Ion: 97	Resp: 76331
Ion Ratio	Lower Upper
97 100	
83 86.2	68.2 102.4
85 53.6	45.5 68.3
99 62.0	52.2 78.4

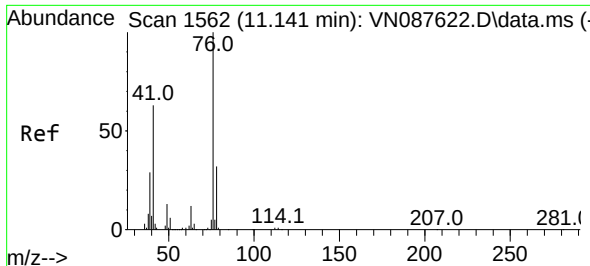


#56
Ethyl methacrylate
Concen: 19.612 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26



Tgt Ion: 69	Resp: 109191
Ion Ratio	Lower Upper
69 100	
41 67.4	56.5 84.7
39 43.5	34.2 51.4





#57

1,3-Dichloropropane

Concen: 20.242 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

Instrument :

MSVOA_N

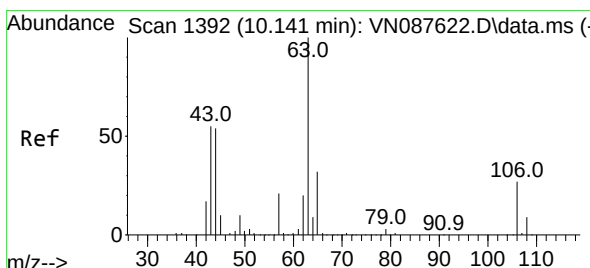
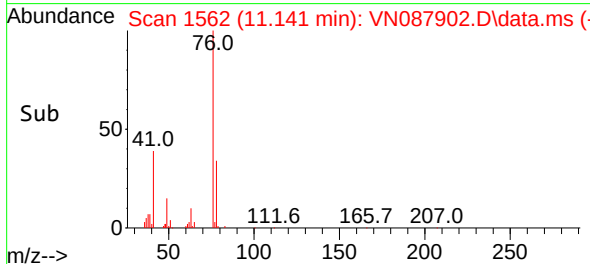
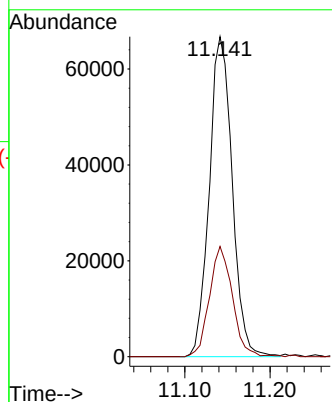
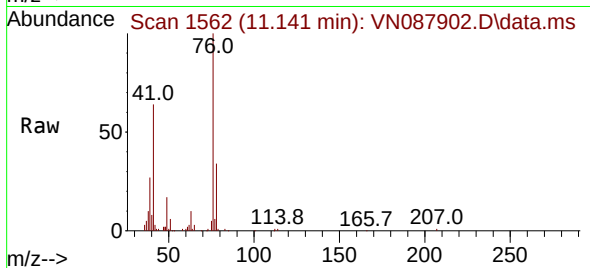
ClientSampleId :

Tgt Ion: 76 Resp: 124805

Ion Ratio Lower Upper

76 100

78 34.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 84.389 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087902.D

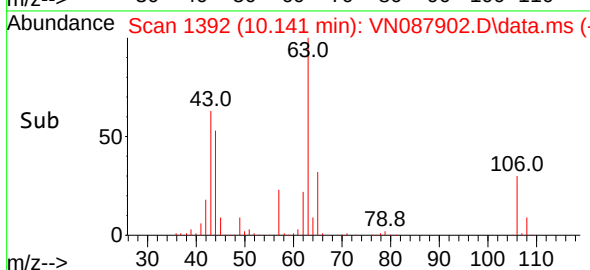
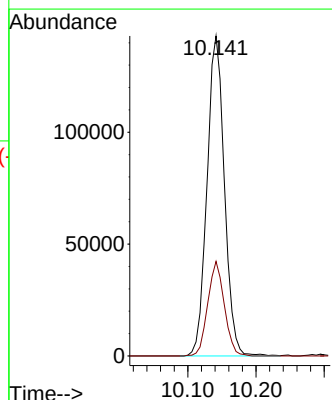
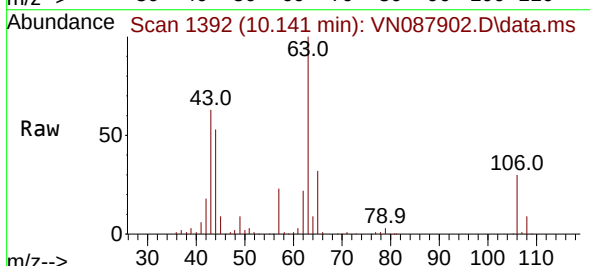
Acq: 19 Sep 2025 11:26

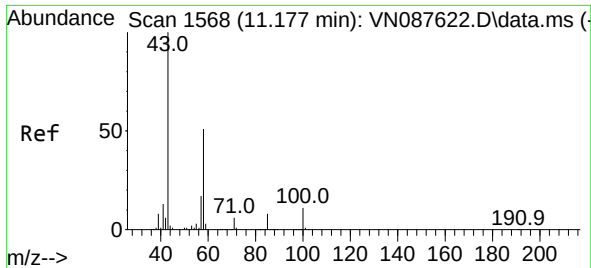
Tgt Ion: 63 Resp: 254306

Ion Ratio Lower Upper

63 100

106 28.1 21.1 31.7

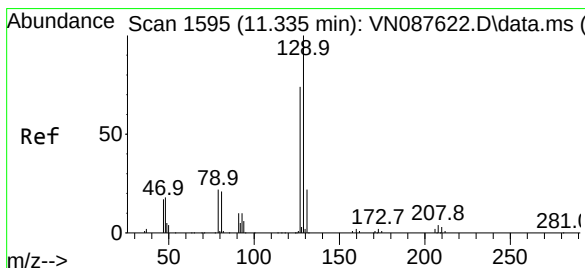
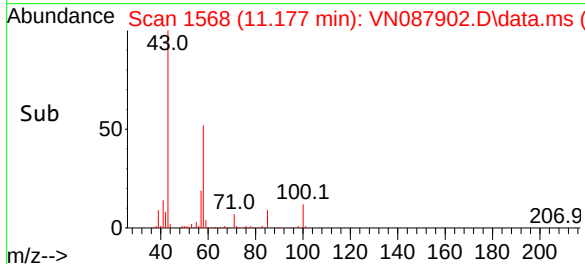
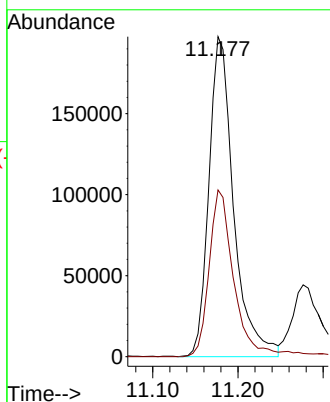
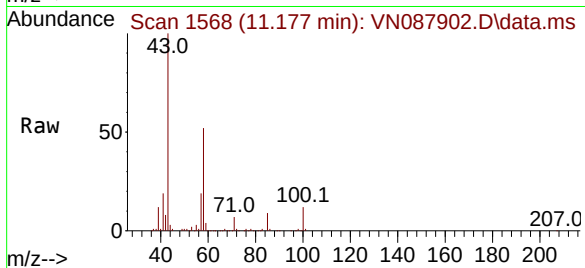




#59
2-Hexanone
Concen: 103.318 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

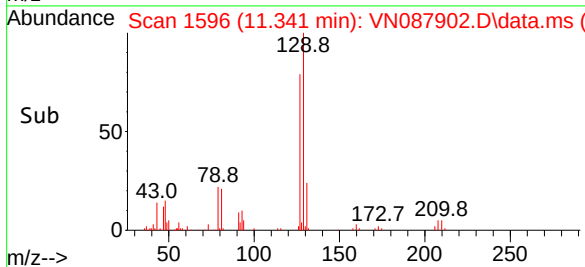
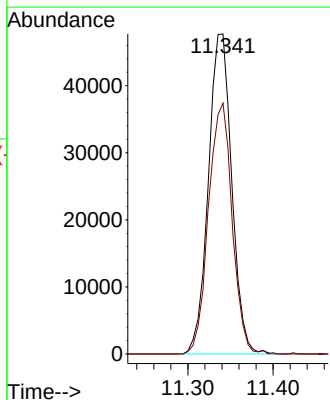
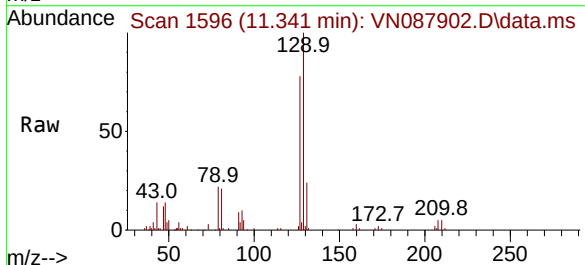
Instrument :
MSVOA_N
ClientSampleId :

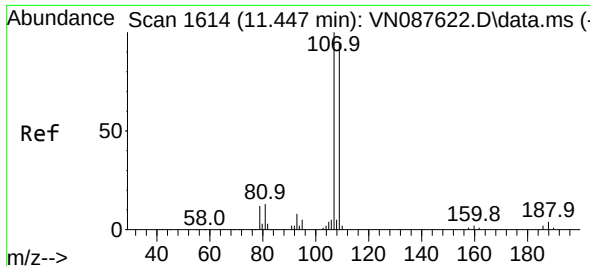
Tgt Ion: 43 Resp: 398078
Ion Ratio Lower Upper
43 100
58 53.7 25.9 77.8



#60
Dibromochloromethane
Concen: 22.579 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Tgt Ion:129 Resp: 91145
Ion Ratio Lower Upper
129 100
127 79.3 39.1 117.3

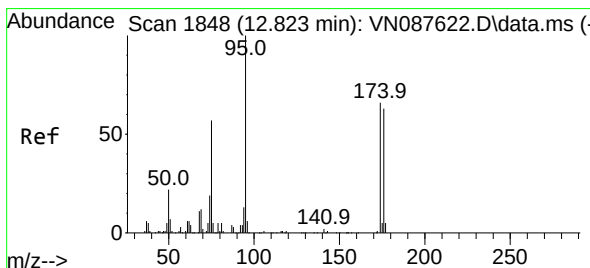
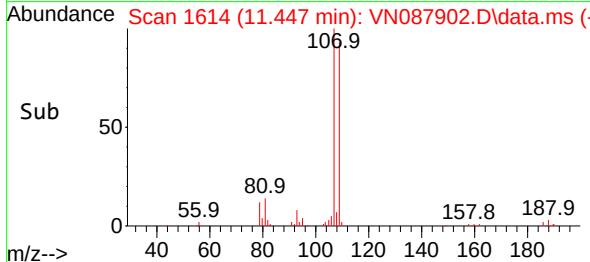
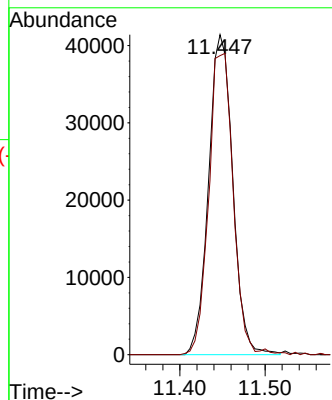
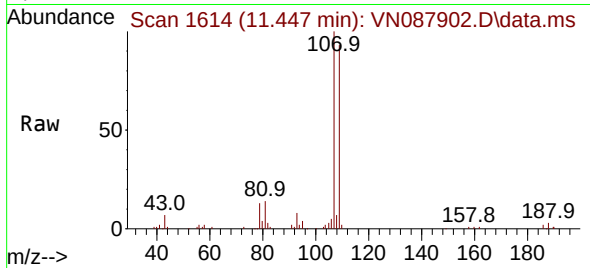




#61
1,2-Dibromoethane
Concen: 22.221 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

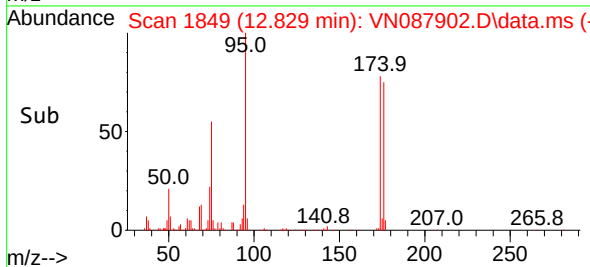
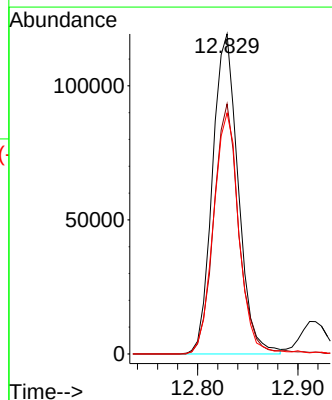
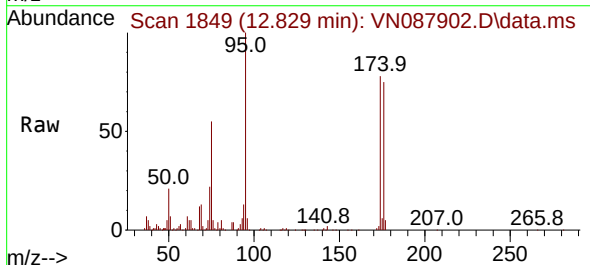
Instrument :
MSVOA_N
ClientSampleId :

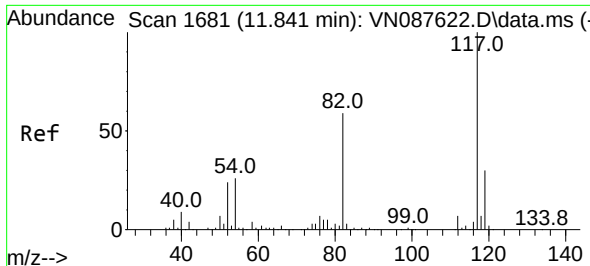
Tgt Ion:107 Resp: 81630
Ion Ratio Lower Upper
107 100
109 95.4 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 51.769 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Tgt Ion: 95 Resp: 212736
Ion Ratio Lower Upper
95 100
174 76.3 0.0 138.4
176 74.5 0.0 132.6

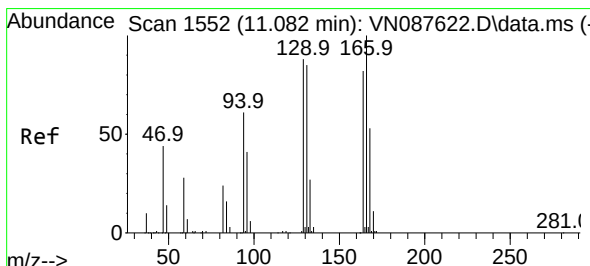
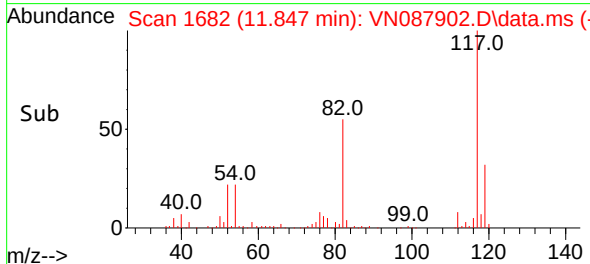
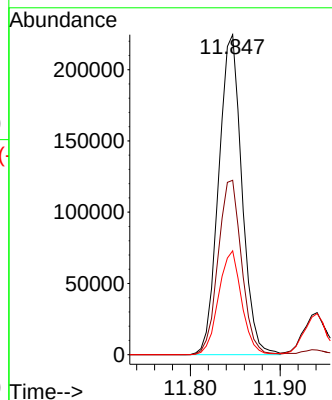
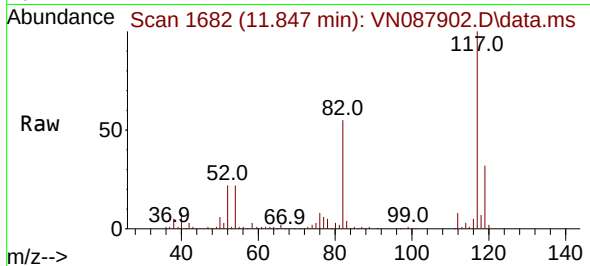




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

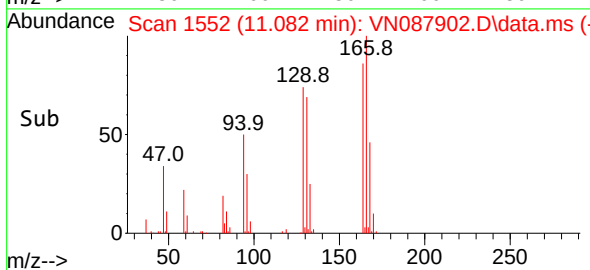
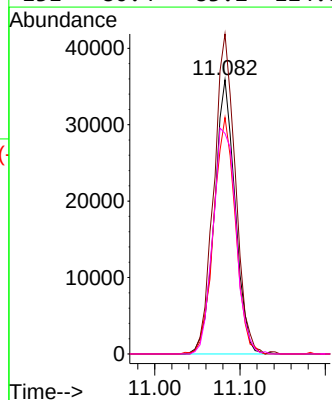
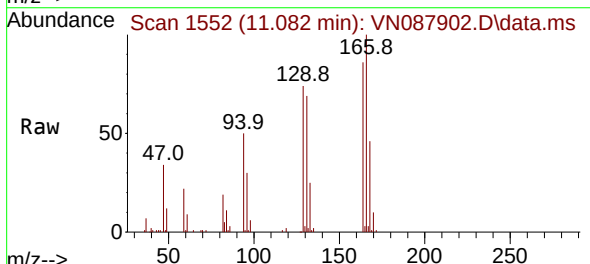
Instrument :
MSVOA_N
ClientSampleId :

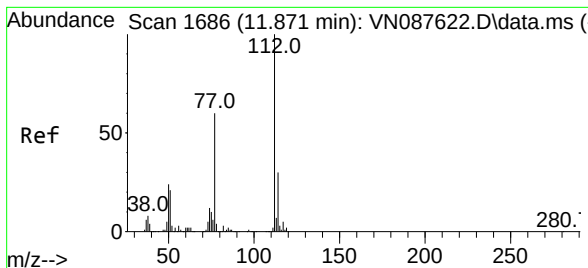
Tgt Ion:117 Resp: 403690
Ion Ratio Lower Upper
117 100
82 54.5 47.4 71.2
119 32.4 24.3 36.5



#64
Tetrachloroethene
Concen: 21.624 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Tgt Ion:164 Resp: 60564
Ion Ratio Lower Upper
164 100
166 116.7 97.7 146.5
129 86.3 85.9 128.9
131 80.4 83.2 124.8#





#65

Chlorobenzene

Concen: 21.011 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

Instrument :

MSVOA_N

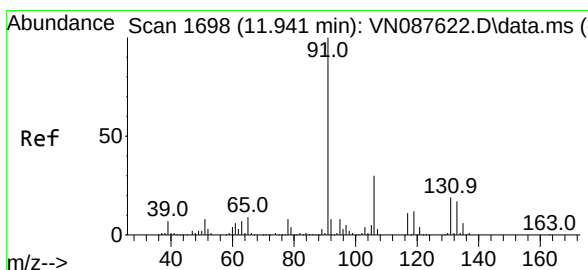
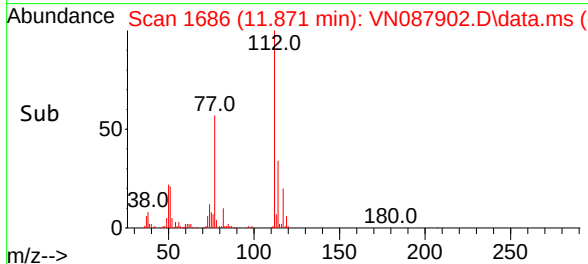
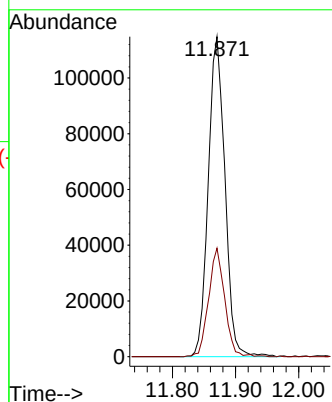
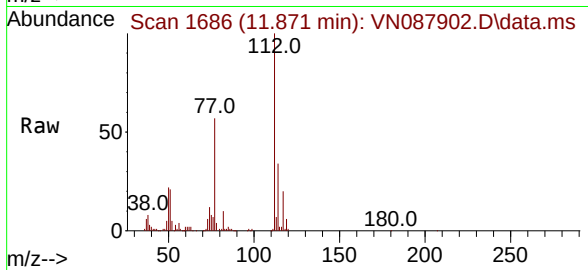
ClientSampleId :

Tgt Ion:112 Resp: 211018

Ion Ratio Lower Upper

112 100

114 33.9 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 22.322 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

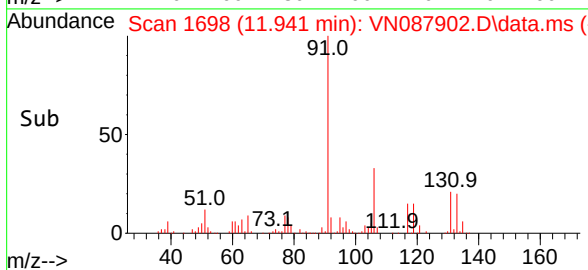
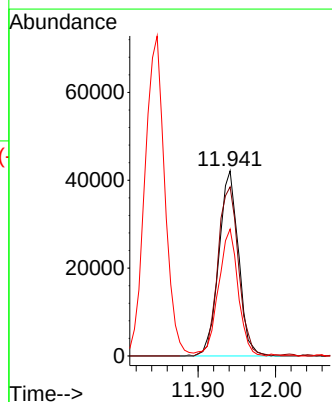
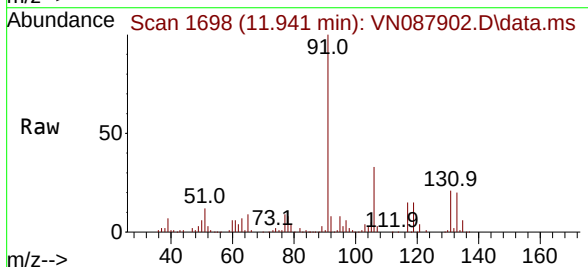
Tgt Ion:131 Resp: 74427

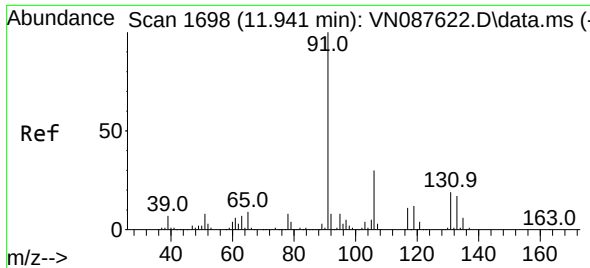
Ion Ratio Lower Upper

131 100

133 96.4 48.0 144.0

119 68.5 32.6 97.7

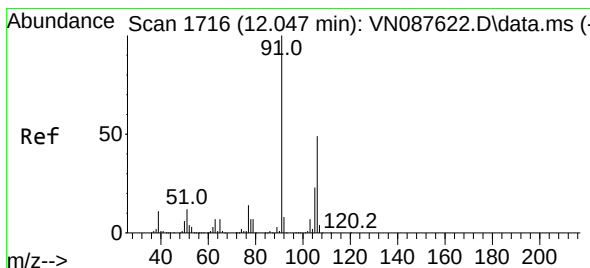
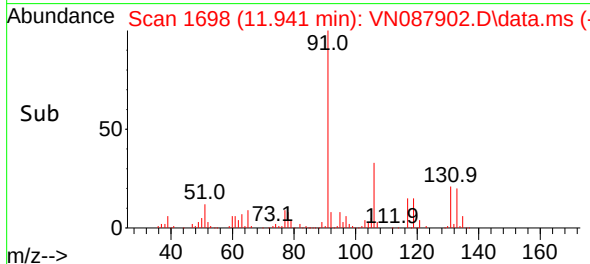
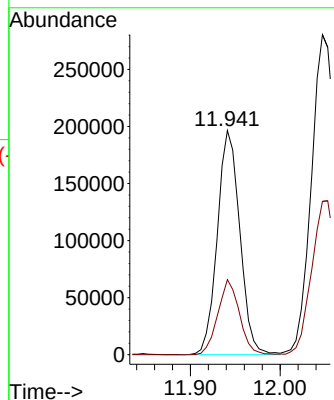
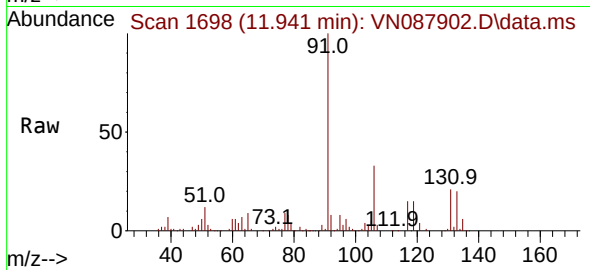




#67
Ethyl Benzene
Concen: 19.682 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

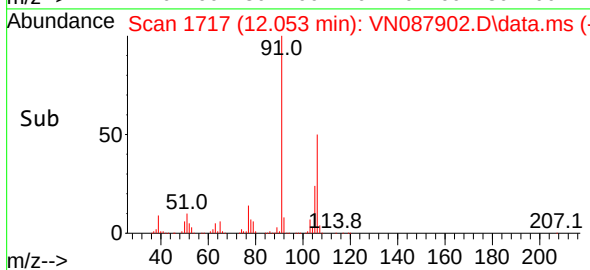
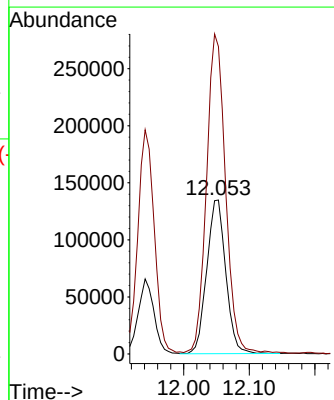
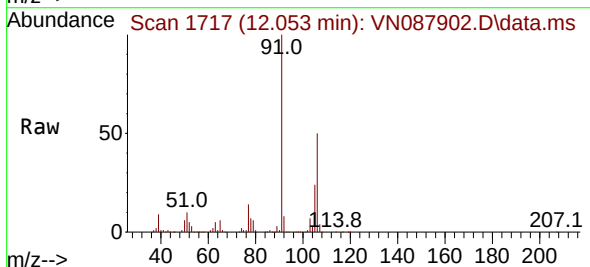
Instrument :
MSVOA_N
ClientSampleId :

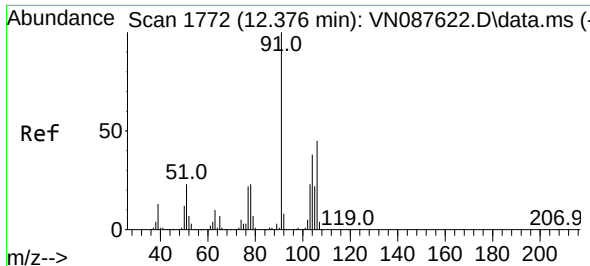
Tgt Ion: 91 Resp: 342254
Ion Ratio Lower Upper
91 100
106 33.5 24.1 36.1



#68
m/p-Xylenes
Concen: 42.688 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Tgt Ion:106 Resp: 272236
Ion Ratio Lower Upper
106 100
91 207.7 169.3 253.9

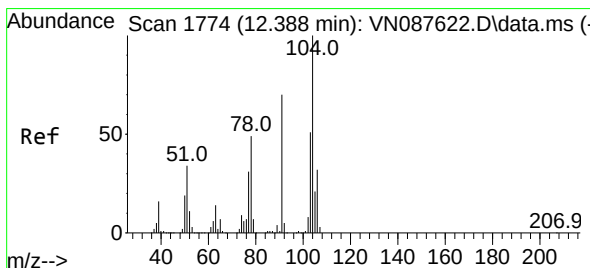
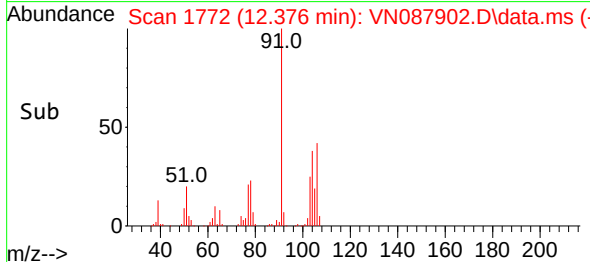
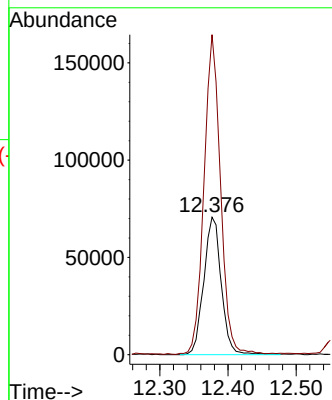
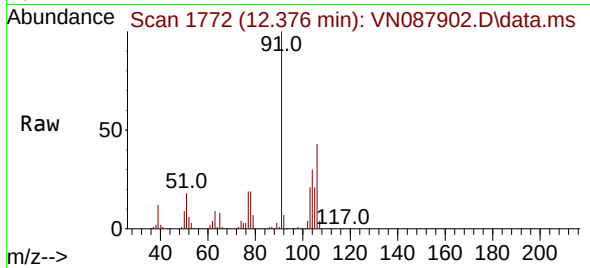




#69
o-Xylene
Concen: 20.237 ug/l
RT: 12.376 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

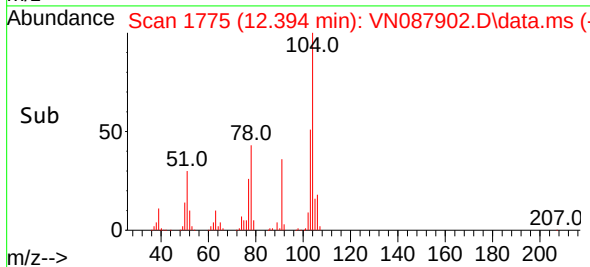
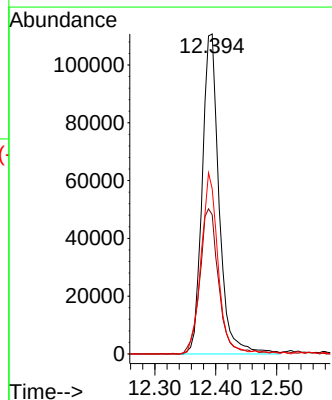
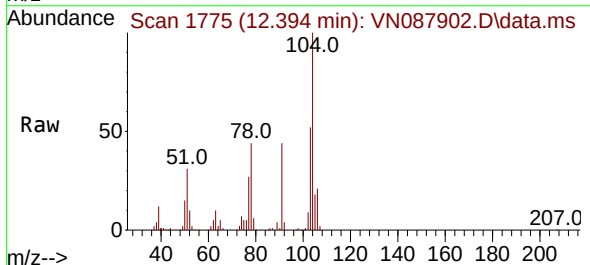
Instrument :
MSVOA_N
ClientSampleId :

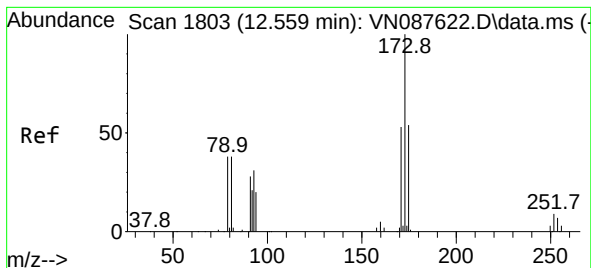
Tgt Ion:106 Resp: 126476
Ion Ratio Lower Upper
106 100
91 218.9 111.4 334.2



#70
Styrene
Concen: 20.461 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Tgt Ion:104 Resp: 214238
Ion Ratio Lower Upper
104 100
78 50.2 42.2 63.2
103 56.2 43.4 65.2





#71

Bromoform

Concen: 23.271 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

Instrument :

MSVOA_N

ClientSampleId :

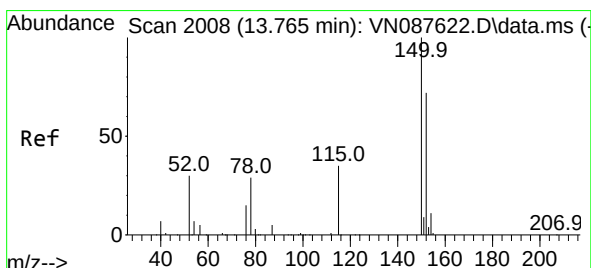
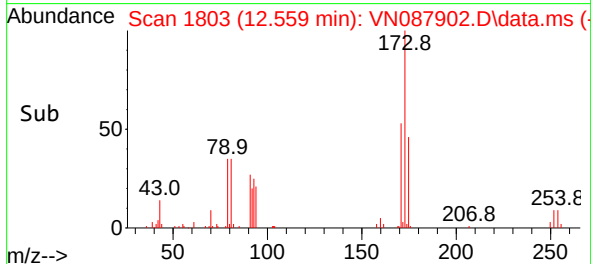
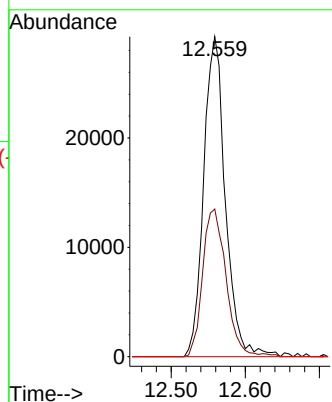
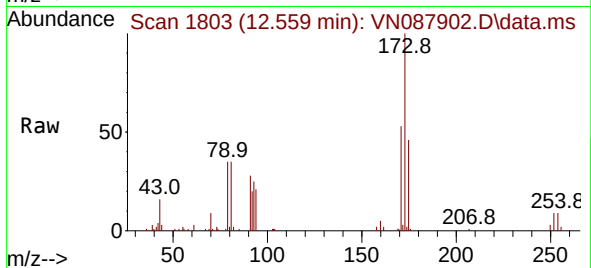
Tgt Ion:173 Resp: 59507

Ion Ratio Lower Upper

173 100

175 49.9 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

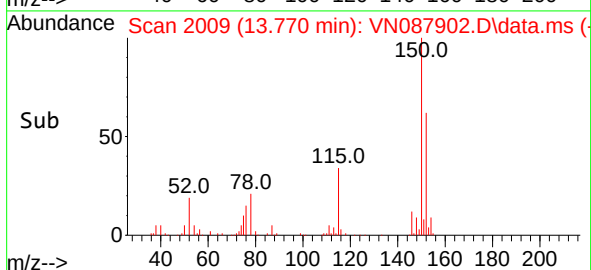
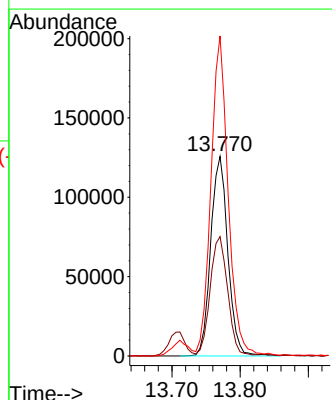
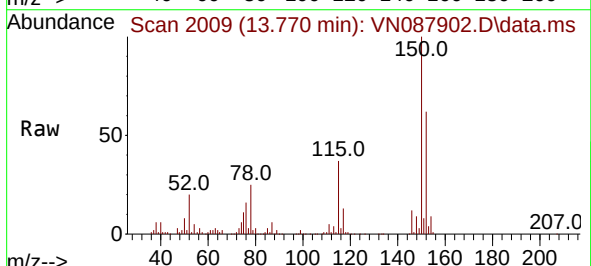
Tgt Ion:152 Resp: 220299

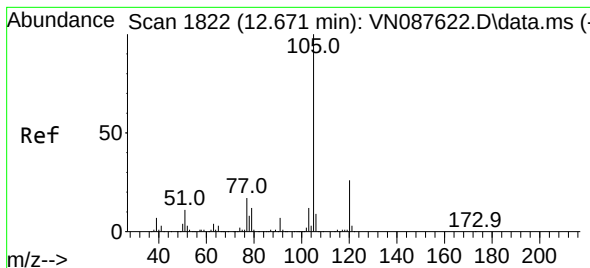
Ion Ratio Lower Upper

152 100

115 59.8 32.3 96.8

150 160.0 0.0 351.0





#73

Isopropylbenzene

Concen: 17.682 ug/l

RT: 12.676 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

Instrument :

MSVOA_N

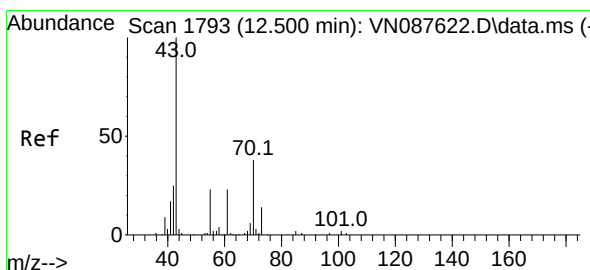
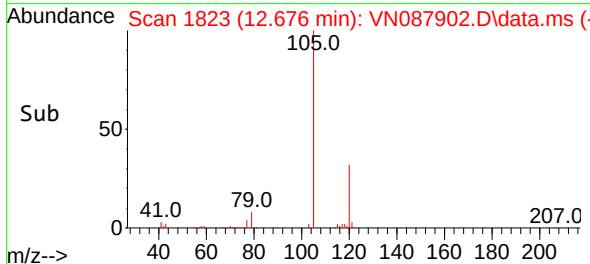
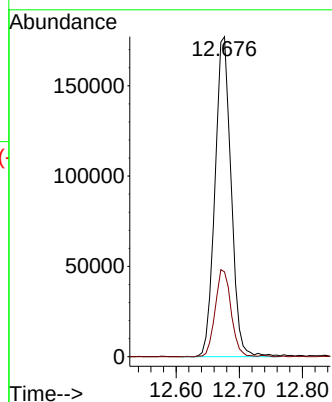
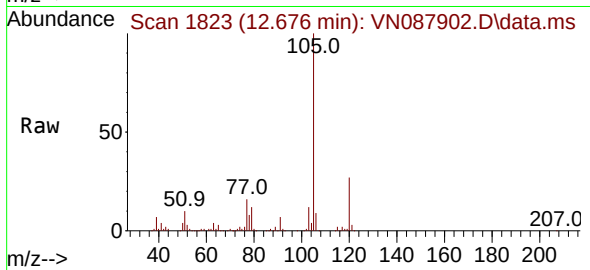
ClientSampleId :

Tgt Ion:105 Resp: 314764

Ion Ratio Lower Upper

105 100

120 26.8 12.8 38.3



#74

N-ethyl acetate

Concen: 0.855 ug/l

RT: 12.523 min Scan# 1797

Delta R.T. 0.024 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

Tgt Ion: 43 Resp: 5765

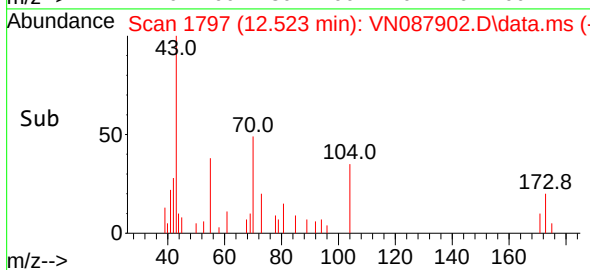
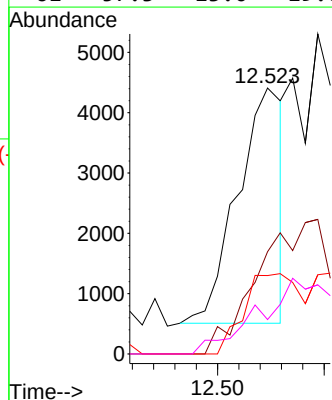
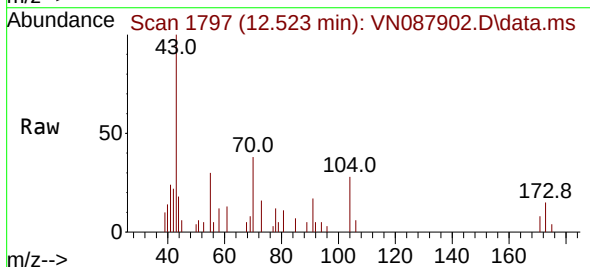
Ion Ratio Lower Upper

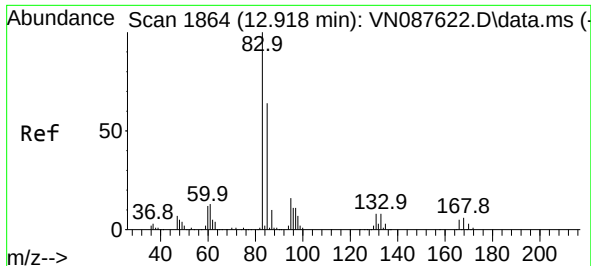
43 100

70 0.0 27.6 41.4#

55 42.6 13.0 19.6#

61 57.3 13.0 19.6#

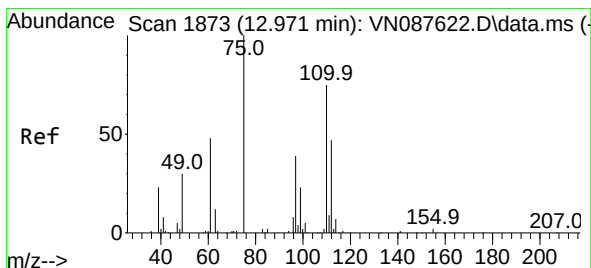
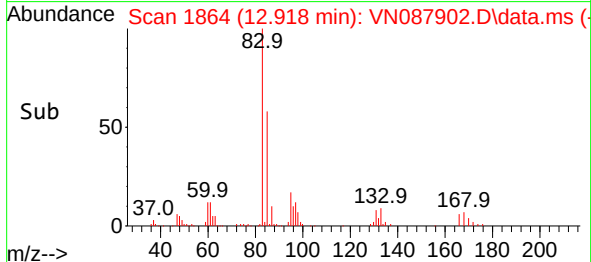
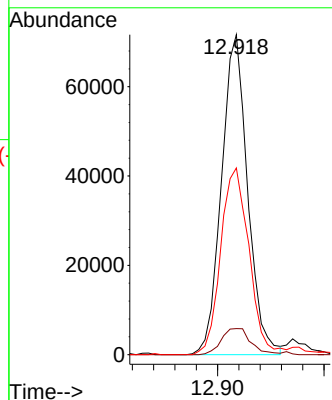
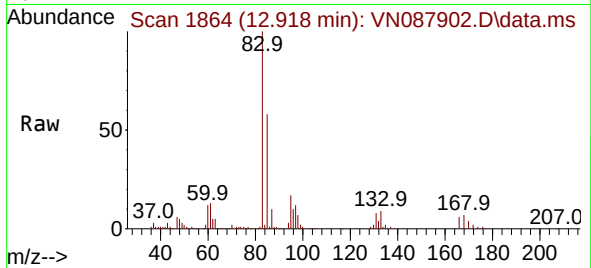




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.918 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VN087902.D
 Acq: 19 Sep 2025 11:26

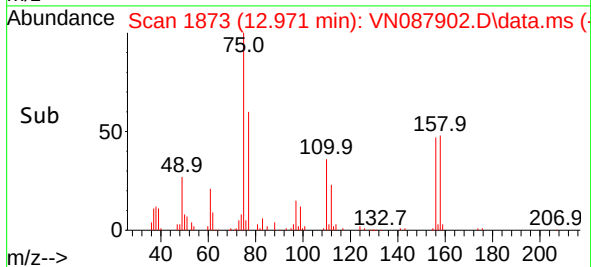
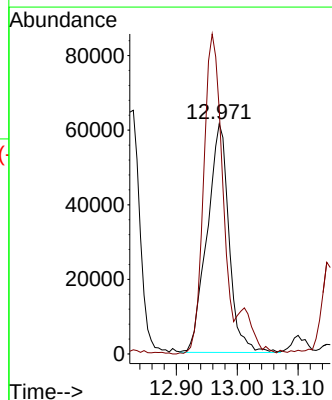
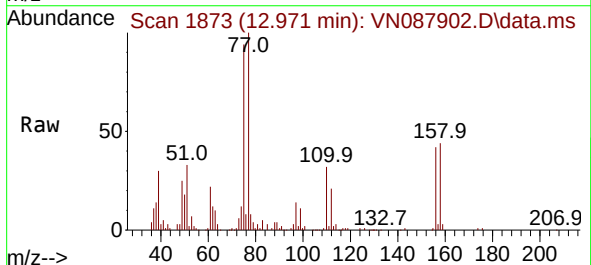
Instrument :
 MSVOA_N
 ClientSampleId :

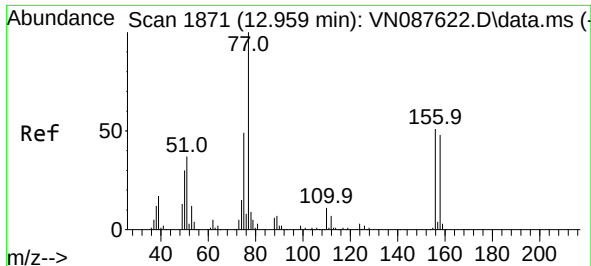
Tgt Ion: 83 Resp: 122077
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.8 14.4
 85 63.3 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 29.569 ug/l
 RT: 12.971 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN087902.D
 Acq: 19 Sep 2025 11:26

Tgt Ion: 75 Resp: 152758
 Ion Ratio Lower Upper
 75 100
 77 121.7 89.1 267.4

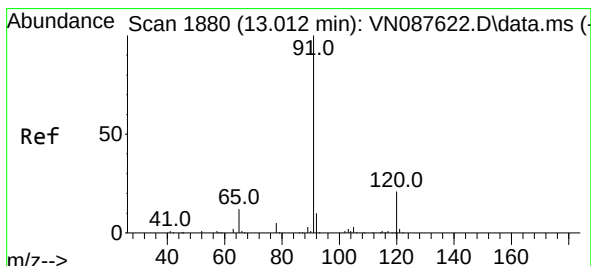
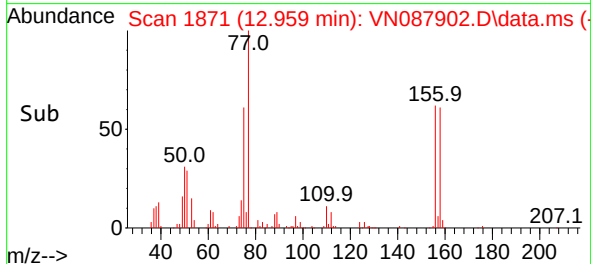
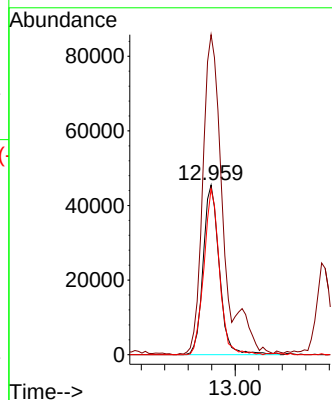
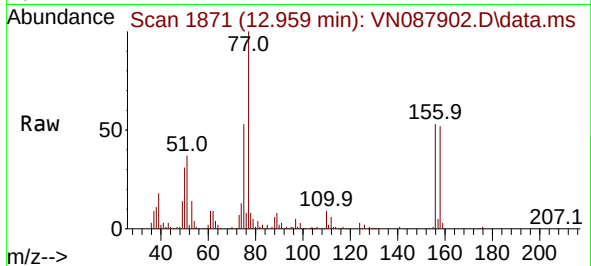




#77
Bromobenzene
Concen: 20.615 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

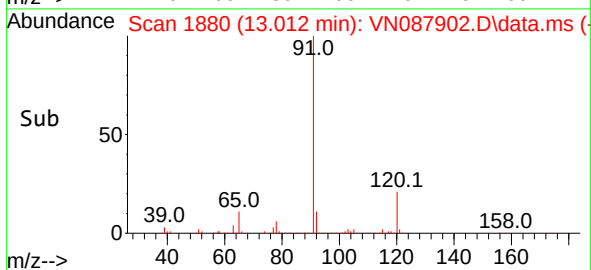
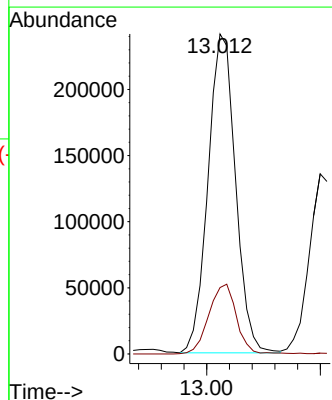
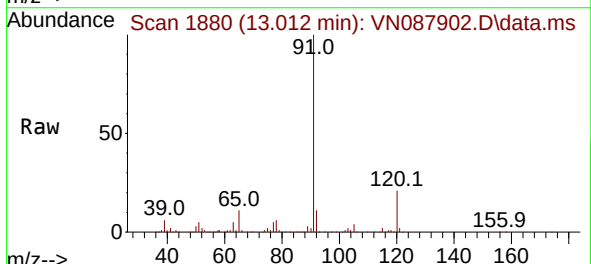
Instrument :
MSVOA_N
ClientSampleId :

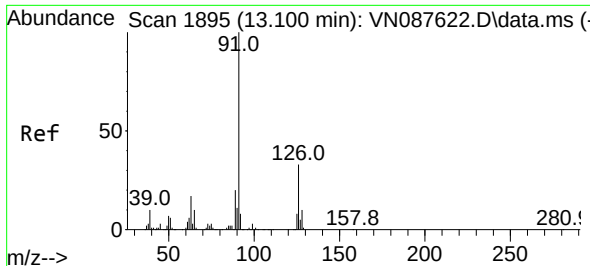
Tgt Ion:156 Resp: 86528
Ion Ratio Lower Upper
156 100
77 214.9 119.3 358.0
158 94.0 48.2 144.6



#78
n-propylbenzene
Concen: 18.480 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Tgt Ion: 91 Resp: 405213
Ion Ratio Lower Upper
91 100
120 22.0 10.7 32.1

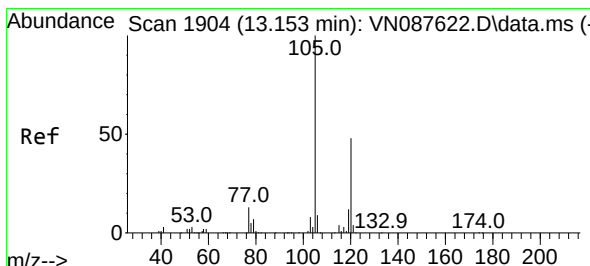
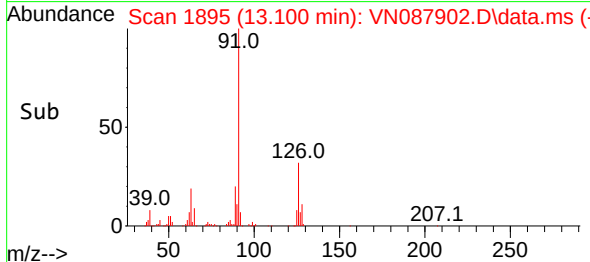
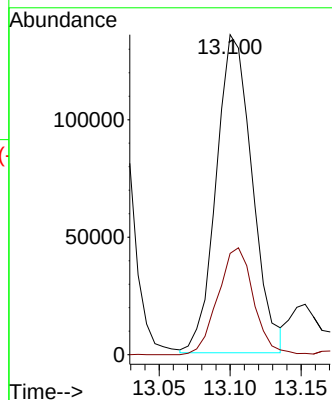
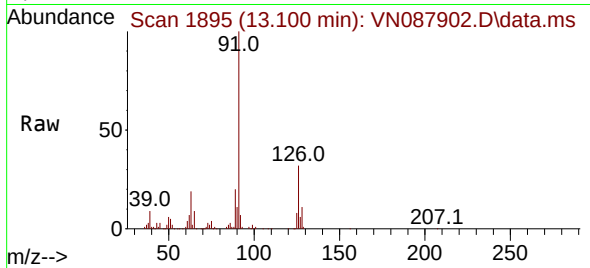




#79
2-Chlorotoluene
Concen: 18.115 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

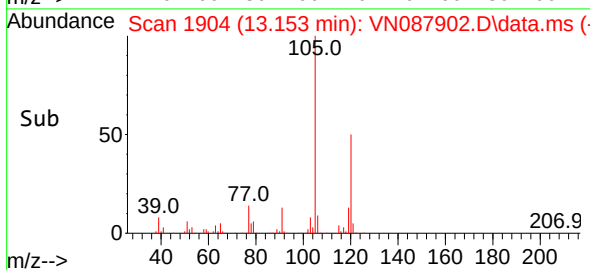
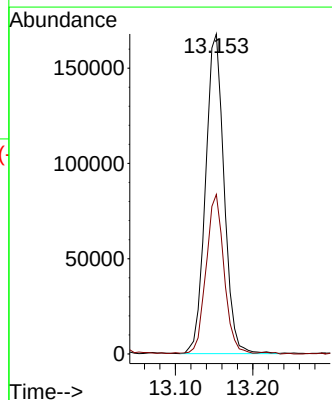
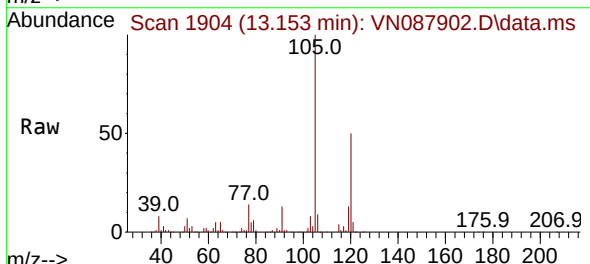
Instrument :
MSVOA_N
ClientSampleId :

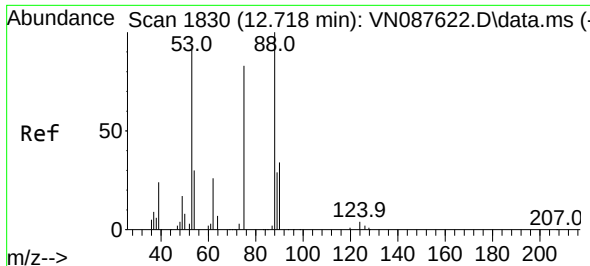
Tgt Ion: 91 Resp: 239040
Ion Ratio Lower Upper
91 100
126 33.3 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 18.417 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Tgt Ion: 105 Resp: 278120
Ion Ratio Lower Upper
105 100
120 48.0 23.2 69.6

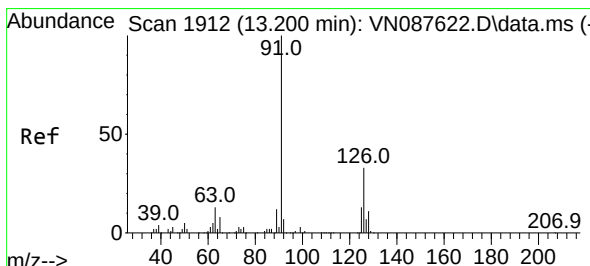
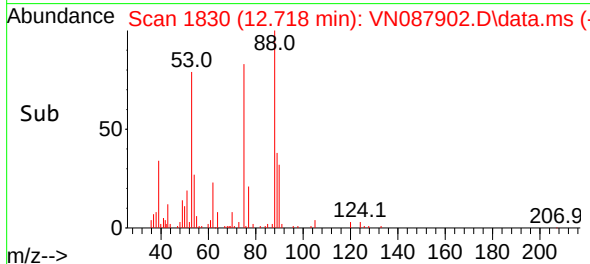
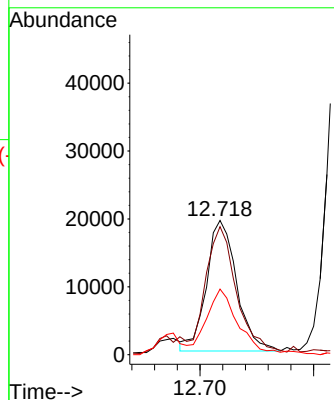
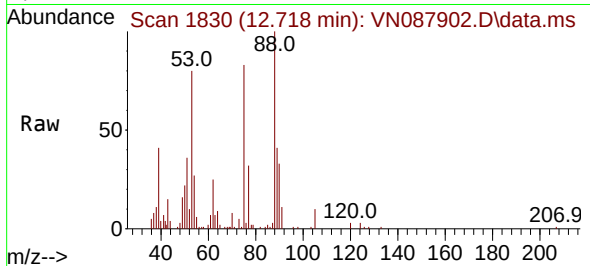




#81
 trans-1,4-Dichloro-2-butene
 Concen: 18.265 ug/l
 RT: 12.718 min Scan# 1830
 Delta R.T. -0.000 min
 Lab File: VN087902.D
 Acq: 19 Sep 2025 11:26

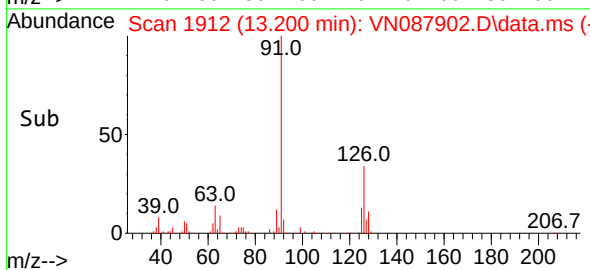
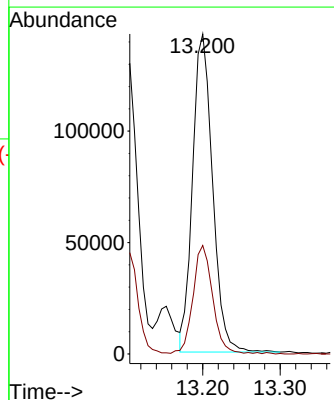
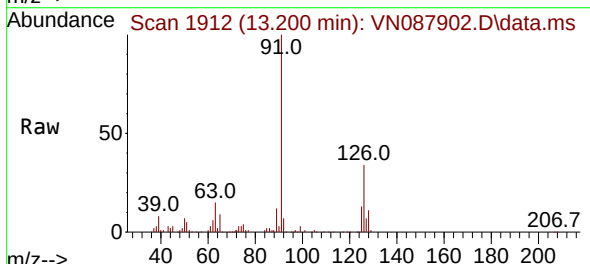
Instrument :
 MSVOA_N
 ClientSampleId :

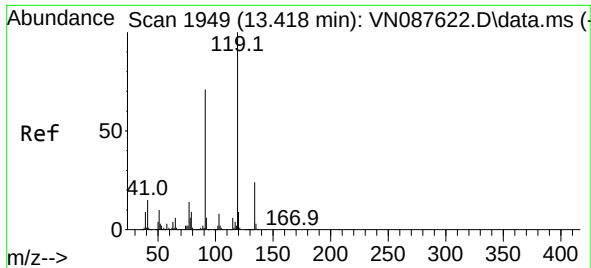
Tgt Ion: 75 Resp: 35643
 Ion Ratio Lower Upper
 75 100
 53 100.1 101.8 152.6#
 89 54.1 35.6 53.4#



#82
 4-Chlorotoluene
 Concen: 18.412 ug/l
 RT: 13.200 min Scan# 1912
 Delta R.T. -0.000 min
 Lab File: VN087902.D
 Acq: 19 Sep 2025 11:26

Tgt Ion: 91 Resp: 255441
 Ion Ratio Lower Upper
 91 100
 126 33.1 15.6 46.8

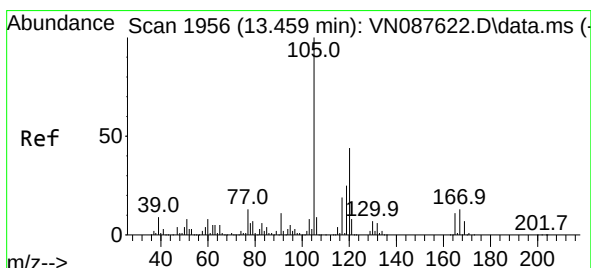
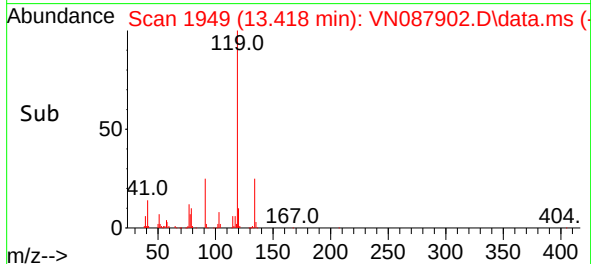
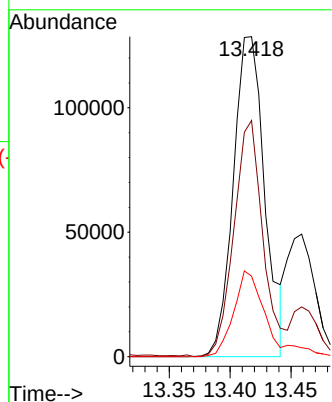
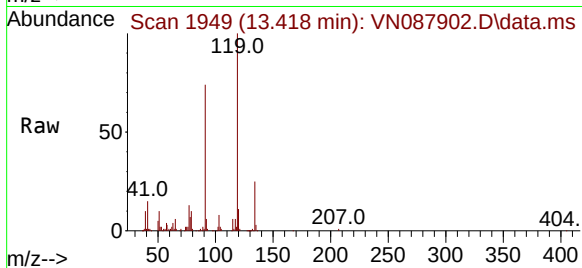




#83
tert-Butylbenzene
Concen: 18.336 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

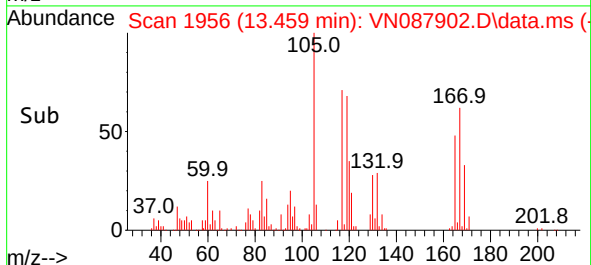
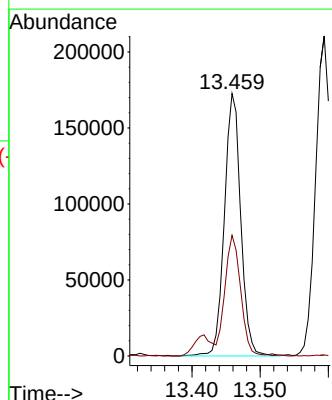
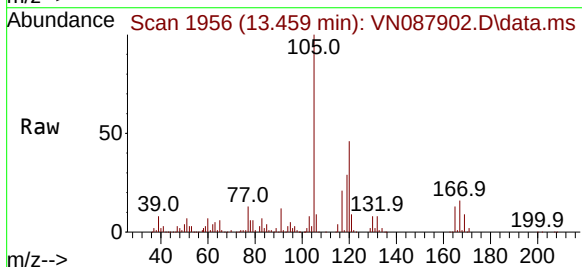
Instrument :
MSVOA_N
ClientSampleId :

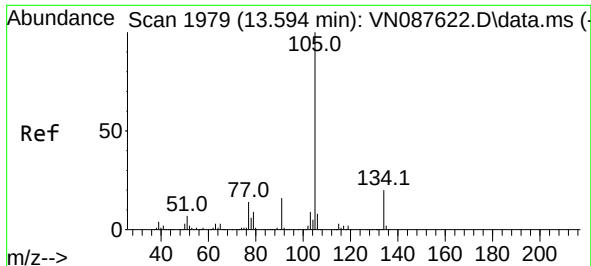
Tgt Ion:119 Resp: 230749
Ion Ratio Lower Upper
119 100
91 69.0 35.0 105.0
134 27.8 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 19.111 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087902.D
Acq: 19 Sep 2025 11:26

Tgt Ion:105 Resp: 288903
Ion Ratio Lower Upper
105 100
120 43.5 22.0 66.0

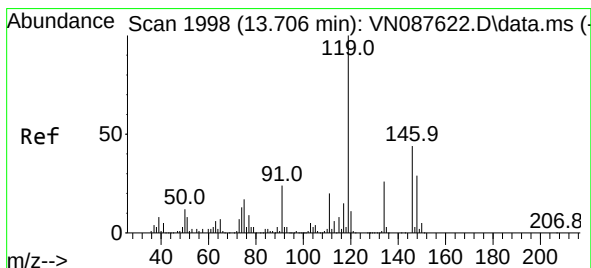
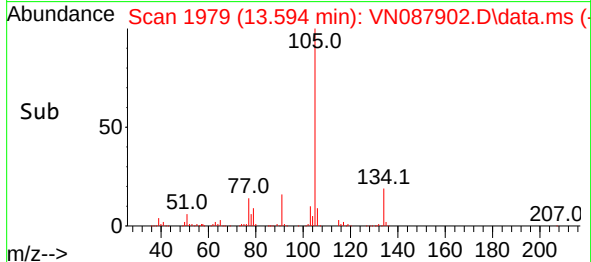
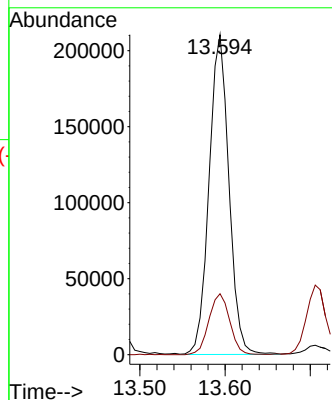
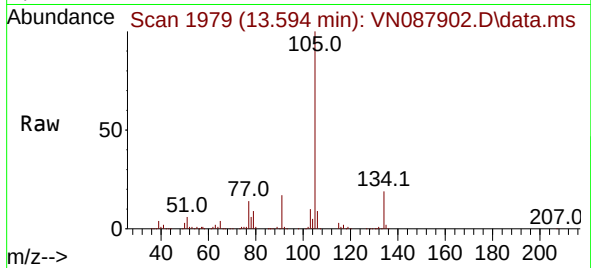




#85
 sec-Butylbenzene
 Concen: 18.218 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087902.D
 Acq: 19 Sep 2025 11:26

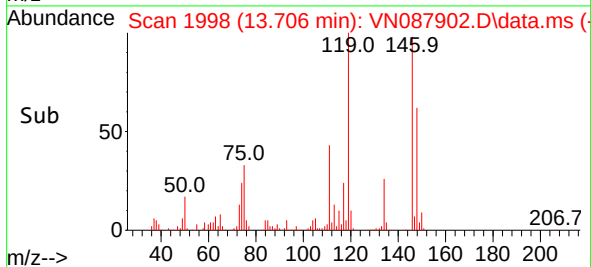
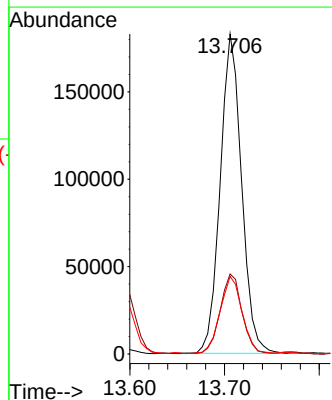
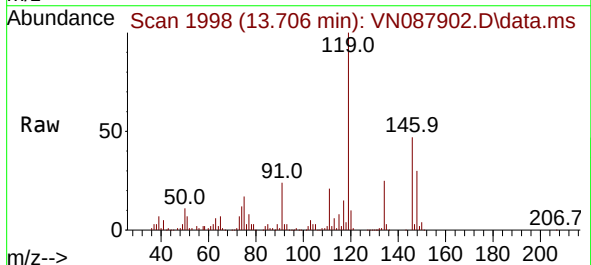
Instrument :
 MSVOA_N
 ClientSampleId :

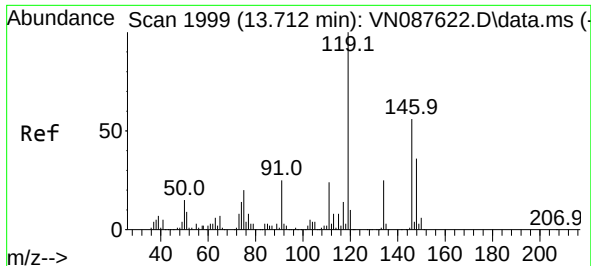
Tgt Ion:105 Resp: 340226
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 18.598 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087902.D
 Acq: 19 Sep 2025 11:26

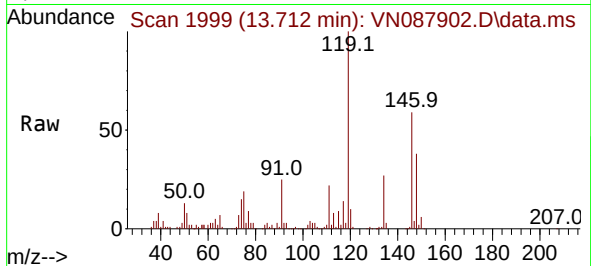
Tgt Ion:119 Resp: 286803
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.0
 91 25.0 12.5 37.5



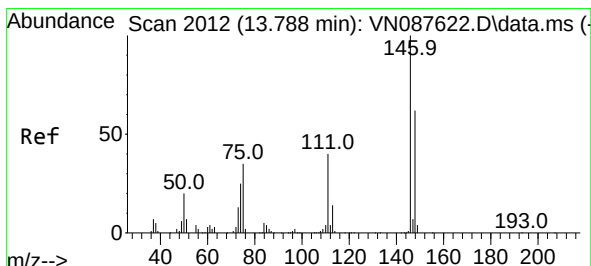
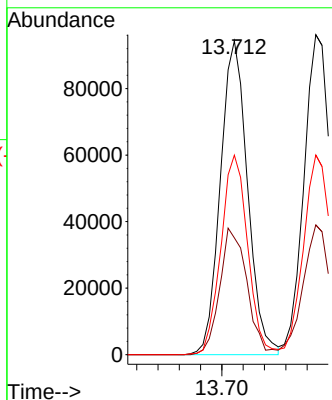
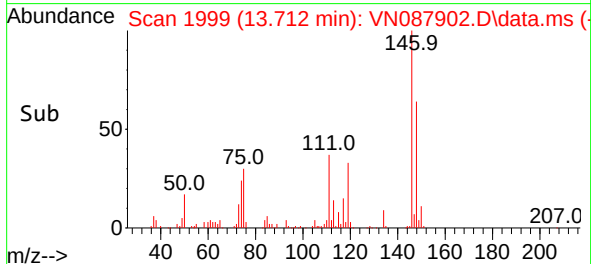


#87
 1,3-Dichlorobenzene
 Concen: 20.253 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087902.D
 Acq: 19 Sep 2025 11:26

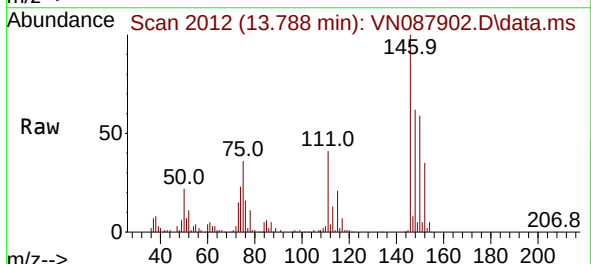
Instrument :
 MSVOA_N
 ClientSampleId :



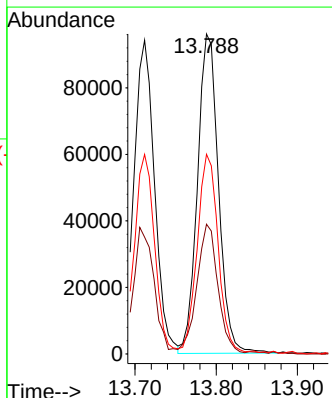
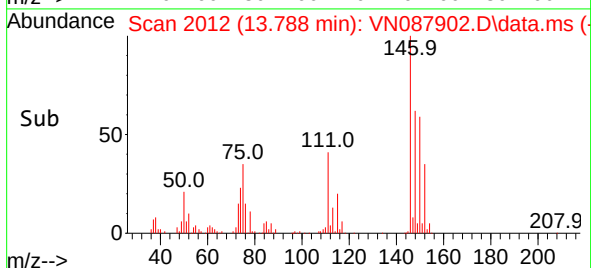
Tgt Ion:146 Resp: 167405
 Ion Ratio Lower Upper
 146 100
 111 40.4 22.1 66.5
 148 62.7 32.0 96.2

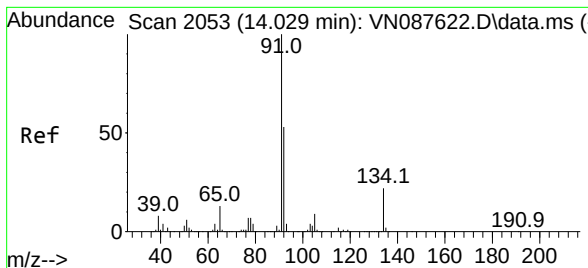


#88
 1,4-Dichlorobenzene
 Concen: 20.079 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087902.D
 Acq: 19 Sep 2025 11:26



Tgt Ion:146 Resp: 172714
 Ion Ratio Lower Upper
 146 100
 111 40.0 21.0 63.0
 148 61.9 32.0 96.0





#89

n-Butylbenzene

Concen: 17.803 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

Instrument :

MSVOA_N

ClientSampleId :

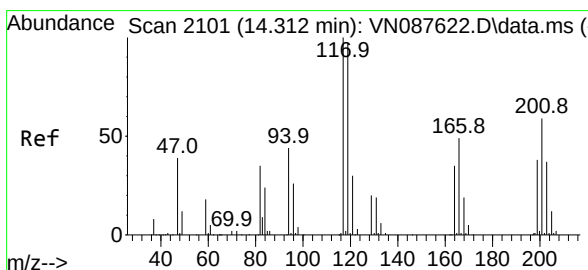
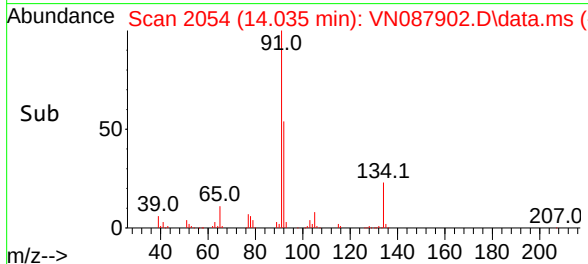
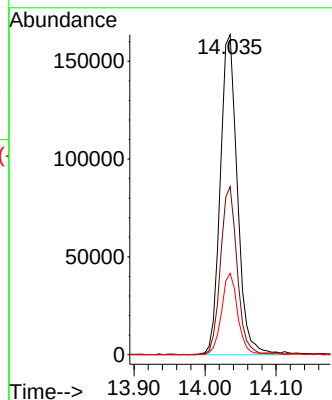
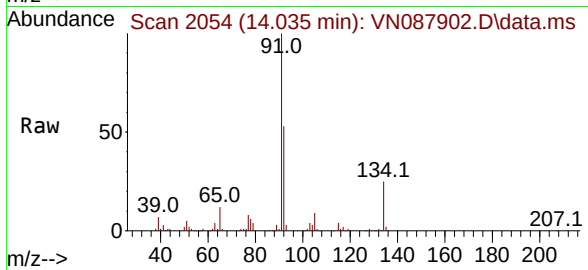
Tgt Ion: 91 Resp: 272652

Ion Ratio Lower Upper

91 100

92 50.8 25.9 77.8

134 24.3 11.7 35.0



#90

Hexachloroethane

Concen: 19.696 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN087902.D

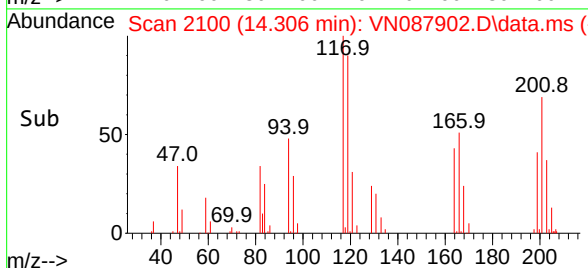
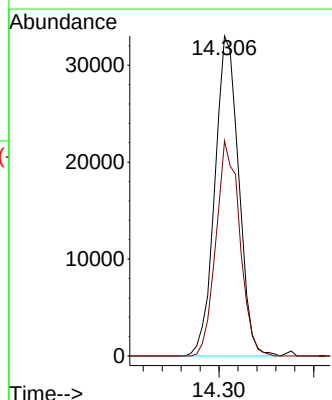
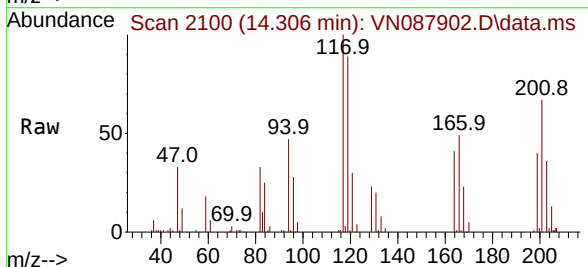
Acq: 19 Sep 2025 11:26

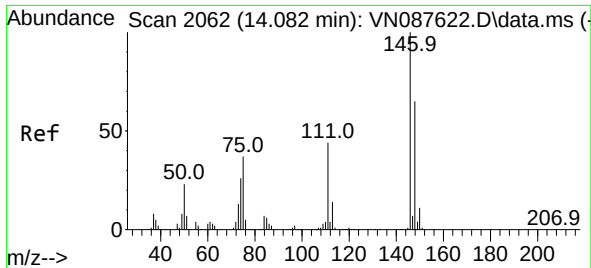
Tgt Ion: 117 Resp: 57864

Ion Ratio Lower Upper

117 100

201 66.8 29.1 87.4





#91

1,2-Dichlorobenzene

Concen: 20.717 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

Instrument :

MSVOA_N

ClientSampleId :

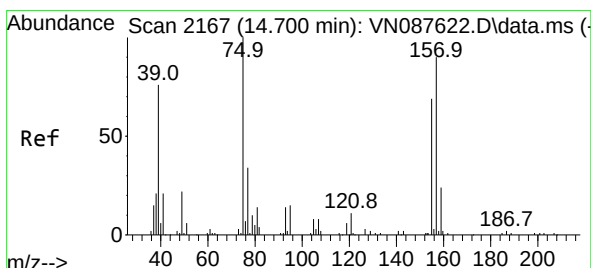
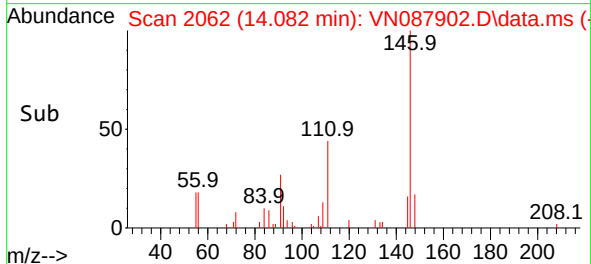
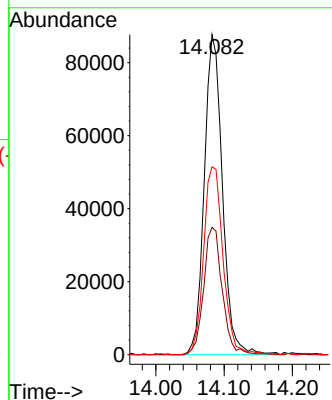
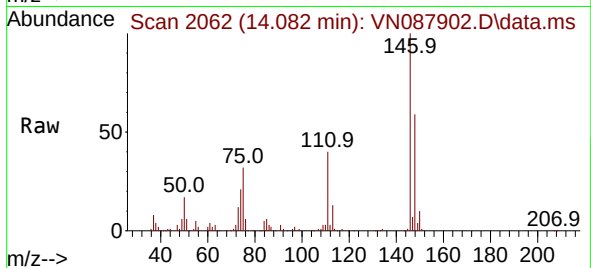
Tgt Ion:146 Resp: 162455

Ion Ratio Lower Upper

146 100

111 40.7 22.6 67.8

148 62.9 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.685 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. -0.000 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

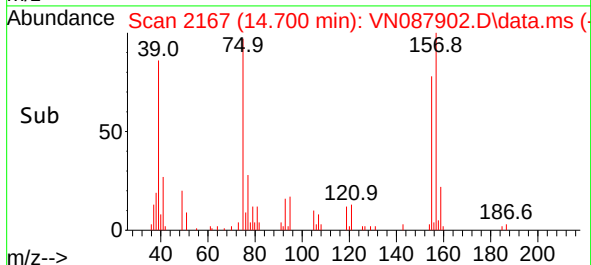
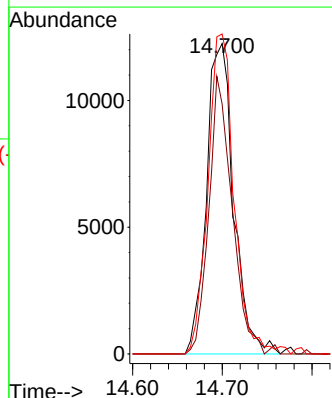
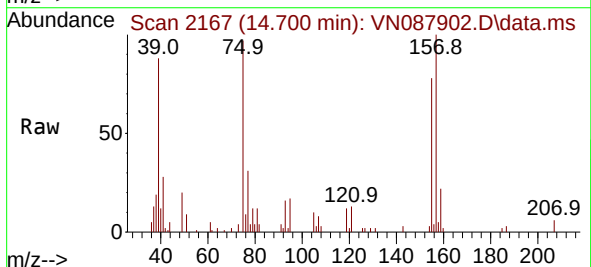
Tgt Ion: 75 Resp: 25748

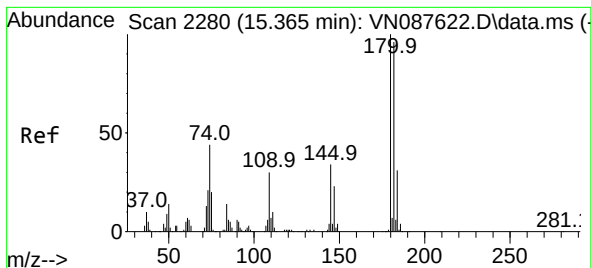
Ion Ratio Lower Upper

75 100

155 76.9 36.6 109.9

157 99.6 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 19.870 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

Instrument :

MSVOA_N

ClientSampleId :

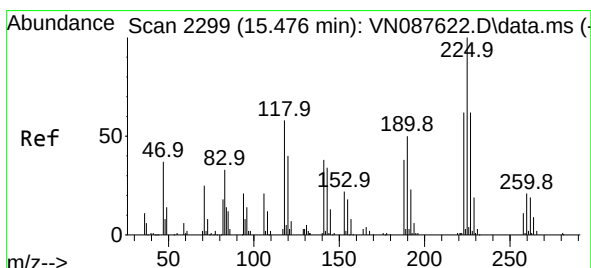
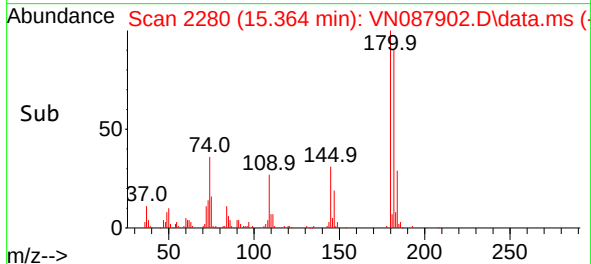
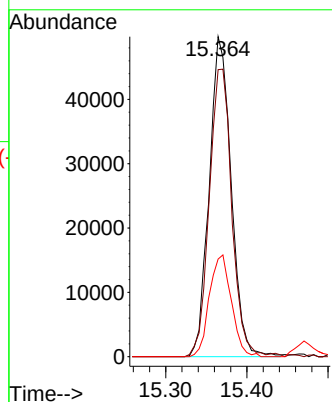
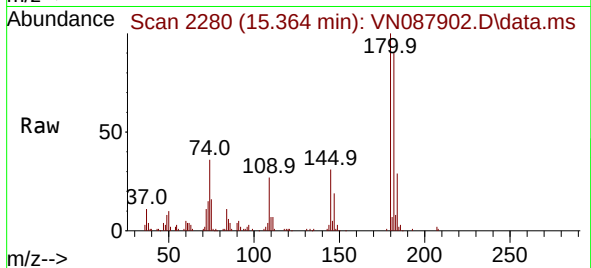
Tgt Ion:180 Resp: 93566

Ion Ratio Lower Upper

180 100

182 91.7 47.6 142.9

145 31.8 16.5 49.5



#94

Hexachlorobutadiene

Concen: 19.339 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

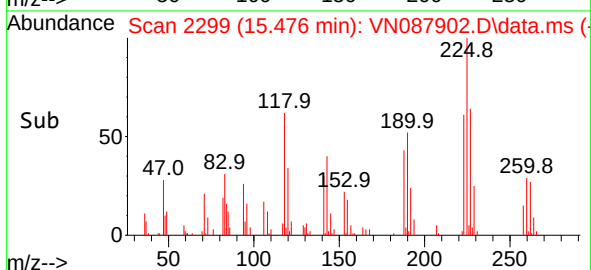
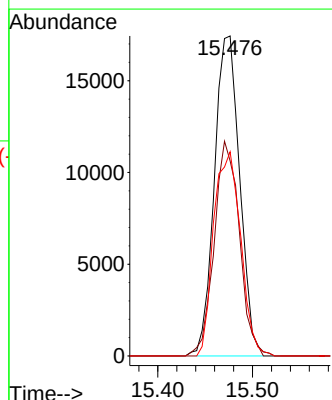
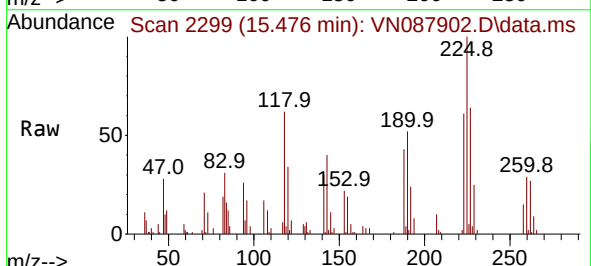
Tgt Ion:225 Resp: 32465

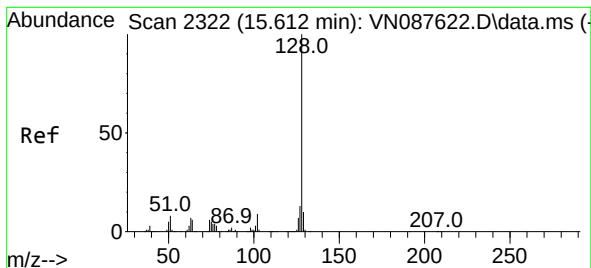
Ion Ratio Lower Upper

225 100

223 66.2 32.0 96.2

227 67.8 32.1 96.5





#95

Naphthalene

Concen: 17.736 ug/l

RT: 15.612 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

Instrument :

MSVOA_N

ClientSampleId :

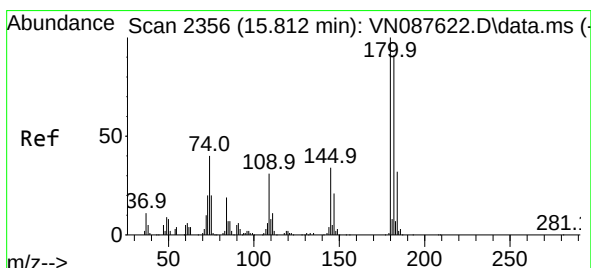
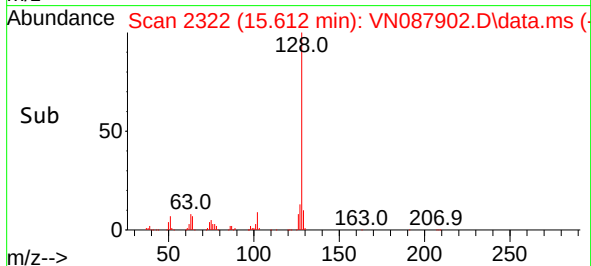
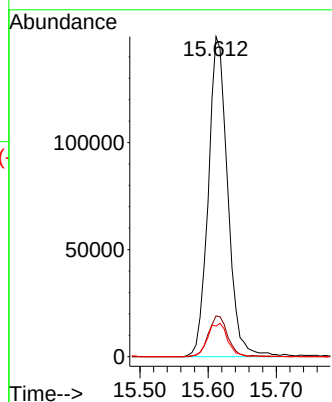
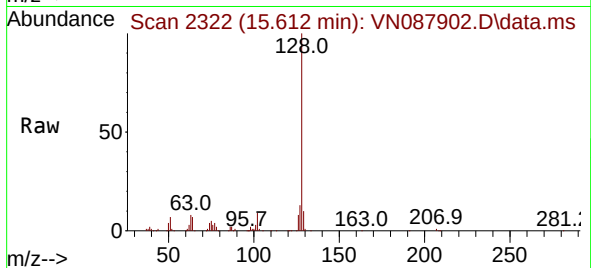
Tgt Ion:128 Resp: 295822

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.477 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087902.D

Acq: 19 Sep 2025 11:26

Tgt Ion:180 Resp: 89663

Ion Ratio Lower Upper

180 100

182 94.7 46.8 140.3

145 34.6 17.3 52.0

