

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081425\
 Data File : VN087569.D
 Acq On : 14 Aug 2025 16:27
 Operator : JC\MD
 Sample : Q2842-04MS 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 19:59:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	238067	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.083	114	461160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	435202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	231778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	217494	53.842	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.680%
35) Dibromofluoromethane	8.153	113	152403	47.909	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.820%
50) Toluene-d8	10.547	98	543343	47.883	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.760%
62) 4-Bromofluorobenzene	12.829	95	216897	51.737	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.480%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	143419	56.720	ug/l	100
3) Chloromethane	2.383	50	152078	47.827	ug/l	100
4) Vinyl Chloride	2.542	62	169468	53.629	ug/l	95
5) Bromomethane	2.971	94	89339	54.595	ug/l	96
6) Chloroethane	3.136	64	114275	55.452	ug/l	97
7) Trichlorofluoromethane	3.501	101	253745	54.304	ug/l	97
8) Diethyl Ether	3.965	74	112077	61.834	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	138606	57.785	ug/l	95
10) Methyl Iodide	4.577	142	91710	38.610	ug/l	91
11) Tert butyl alcohol	5.536	59	219902	286.700	ug/l	100
12) 1,1-Dichloroethene	4.330	96	140041	51.521	ug/l	99
13) Acrolein	4.177	56	135355	219.895	ug/l	99
14) Allyl chloride	5.012	41	254609	51.759	ug/l	94
15) Acrylonitrile	5.712	53	562090	270.058	ug/l	98
16) Acetone	4.430	43	530238	279.957	ug/l	98
17) Carbon Disulfide	4.700	76	356757	44.270	ug/l	# 93
18) Methyl Acetate	5.018	43	302650	63.602	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	601237	60.011	ug/l	96
20) Methylene Chloride	5.265	84	169920	53.111	ug/l	99
21) trans-1,2-Dichloroethene	5.771	96	153170	49.977	ug/l	93
22) Diisopropyl ether	6.659	45	612749	59.384	ug/l	97
23) Vinyl Acetate	6.594	43	2775483	307.552	ug/l	99
24) 1,1-Dichloroethane	6.553	63	318408	53.488	ug/l	98
25) 2-Butanone	7.471	43	850355	290.579	ug/l	98
26) 2,2-Dichloropropane	7.471	77	249304	53.865	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	284580	80.651	ug/l	97
28) Bromochloromethane	7.800	49	143451	50.351	ug/l	93
29) Tetrahydrofuran	7.830	42	541901	285.049	ug/l	99
30) Chloroform	7.953	83	341066	57.240	ug/l	99
31) Cyclohexane	8.241	56	253936	51.134	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	279470	54.153	ug/l	97
36) 1,1-Dichloropropene	8.353	75	214559	51.052	ug/l	98
37) Ethyl Acetate	7.553	43	307770	50.705	ug/l	98
38) Carbon Tetrachloride	8.347	117	228035	49.255	ug/l	93
39) Methylcyclohexane	9.583	83	237505	52.198	ug/l	96
40) Benzene	8.588	78	696316	51.262	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	175869	55.413	ug/l	98
42) 1,2-Dichloroethane	8.653	62	283996	55.133	ug/l	97
43) Isopropyl Acetate	8.677	43	532619	56.527	ug/l	97
44) Trichloroethene	9.335	130	321363	100.127	ug/l	88
45) 1,2-Dichloropropane	9.606	63	182390	52.845	ug/l	94
46) Dibromomethane	9.694	93	137378	53.162	ug/l	95
47) Bromodichloromethane	9.871	83	277559	53.324	ug/l	96
48) Methyl methacrylate	9.665	41	245497	57.875	ug/l	93
49) 1,4-Dioxane	9.688	88	69859	1075.274	ug/l #	97
51) 4-Methyl-2-Pentanone	10.430	43	1677266	281.447	ug/l	98
52) Toluene	10.612	92	435684	52.770	ug/l	96
53) t-1,3-Dichloropropene	10.818	75	283224	53.765	ug/l	95
54) cis-1,3-Dichloropropene	10.294	75	296099	54.416	ug/l #	88
55) 1,1,2-Trichloroethane	11.000	97	176388	52.770	ug/l	94
56) Ethyl methacrylate	10.859	69	305796	54.213	ug/l	93
57) 1,3-Dichloropropane	11.147	76	313150	54.186	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	584151	213.042	ug/l	99
59) 2-Hexanone	11.182	43	1146887	290.068	ug/l	100
60) Dibromochloromethane	11.341	129	195208	51.209	ug/l	99
61) 1,2-Dibromoethane	11.447	107	185145	52.680	ug/l	98
64) Tetrachloroethene	11.088	164	120472	43.011	ug/l	96
65) Chlorobenzene	11.871	112	472723	48.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	165027	49.672	ug/l	100
67) Ethyl Benzene	11.941	91	844688	52.514	ug/l	99
68) m/p-Xylenes	12.053	106	627919	104.251	ug/l	93
69) o-Xylene	12.376	106	307518	53.449	ug/l	94
70) Styrene	12.394	104	539497	55.741	ug/l	98
71) Bromoform	12.559	173	129055	48.082	ug/l #	99
73) Isopropylbenzene	12.676	105	797605	54.677	ug/l	98
74) N-amyl acetate	12.500	43	204124	33.679	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.918	83	285137	51.946	ug/l	99
76) 1,2,3-Trichloropropane	12.976	75	376320	72.405	ug/l	54
77) Bromobenzene	12.959	156	183370	48.469	ug/l	91
78) n-propylbenzene	13.018	91	990768	53.982	ug/l	97
79) 2-Chlorotoluene	13.106	91	600287	53.218	ug/l	96
80) 1,3,5-Trimethylbenzene	13.153	105	686579	55.240	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.718	75	87284	45.950	ug/l	93
82) 4-Chlorotoluene	13.200	91	625581	53.269	ug/l	97
83) tert-Butylbenzene	13.418	119	576103	55.497	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	715753	56.391	ug/l	95
85) sec-Butylbenzene	13.594	105	866181	55.396	ug/l	99
86) p-Isopropyltoluene	13.706	119	703516	56.143	ug/l	97
87) 1,3-Dichlorobenzene	13.712	146	370720	49.929	ug/l	99
88) 1,4-Dichlorobenzene	13.794	146	374267	47.195	ug/l	97
89) n-Butylbenzene	14.035	91	697153	58.265	ug/l	98
90) Hexachloroethane	14.312	117	126427	47.619	ug/l	93
91) 1,2-Dichlorobenzene	14.082	146	361117	51.338	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	69760	48.406	ug/l	95
93) 1,2,4-Trichlorobenzene	15.370	180	212082	51.328	ug/l	99
94) Hexachlorobutadiene	15.476	225	79123	51.536	ug/l	97
95) Naphthalene	15.617	128	789585	53.941	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	206242	49.760	ug/l	99

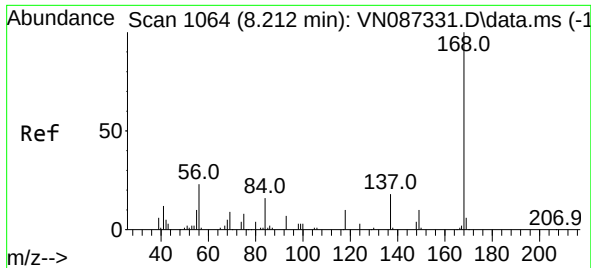
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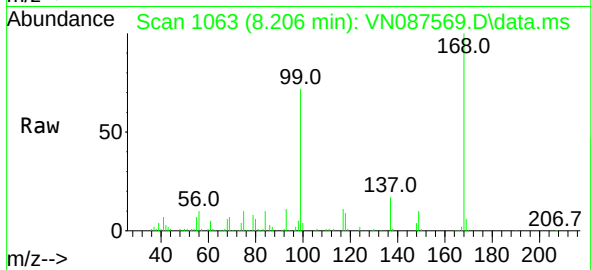
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

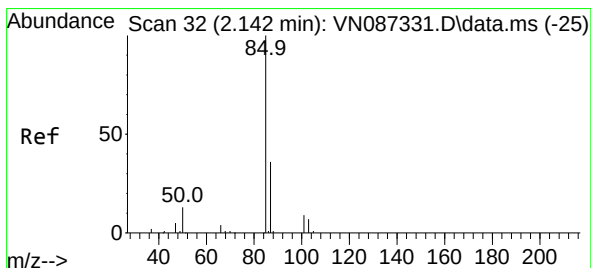
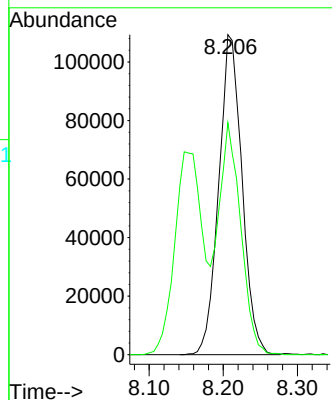
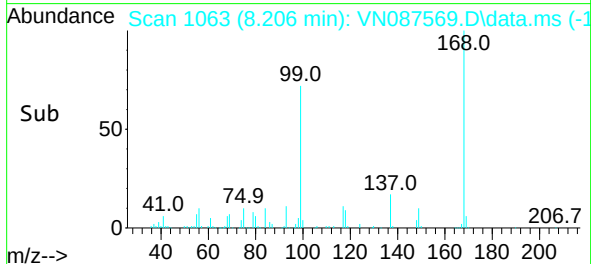


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN087569.D
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ClientSampleId :

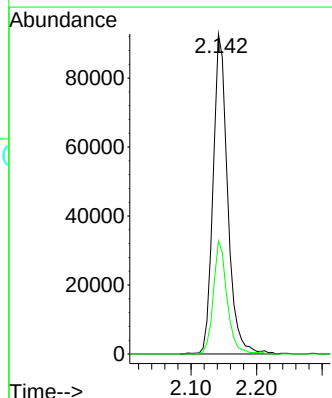
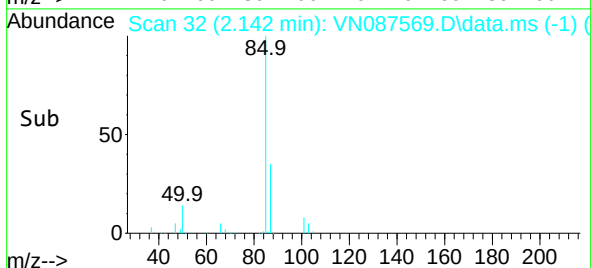
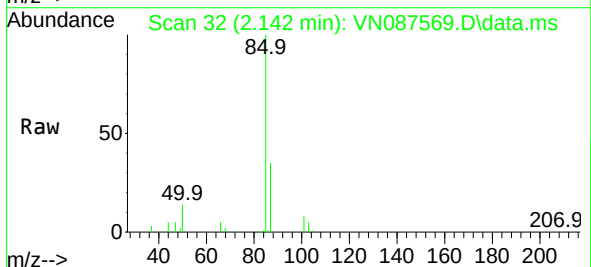


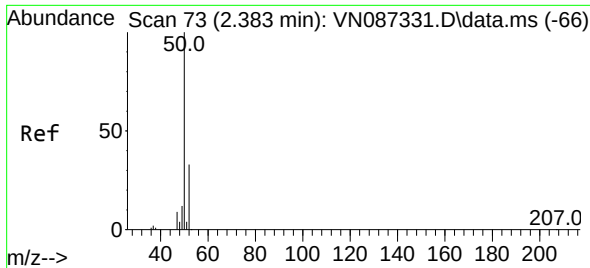
Tgt Ion:168 Resp: 238067
Ion Ratio Lower Upper
168 100
99 72.2 47.9 71.9#



#2
Dichlorodifluoromethane
Concen: 56.720 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Tgt Ion: 85 Resp: 143419
Ion Ratio Lower Upper
85 100
87 35.3 17.8 53.3

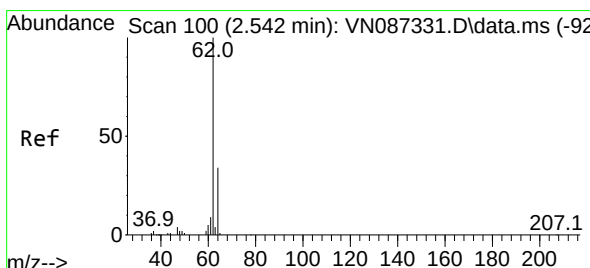
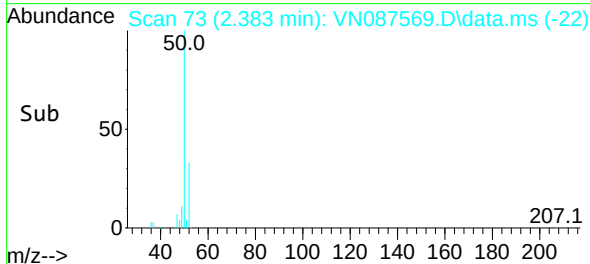
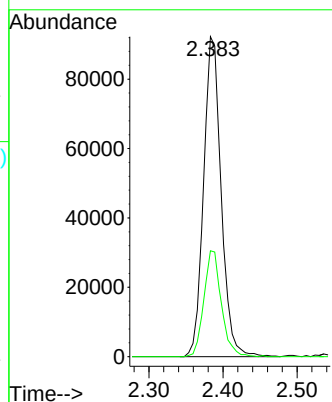
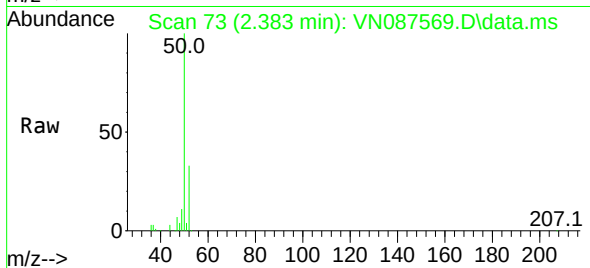




#3
Chloromethane
Concen: 47.827 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

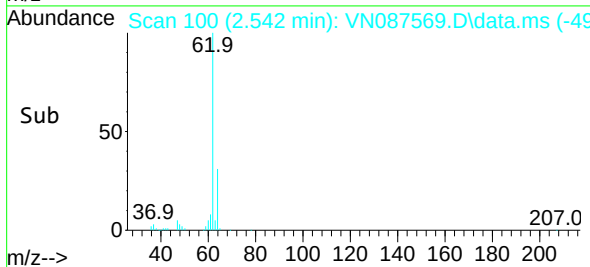
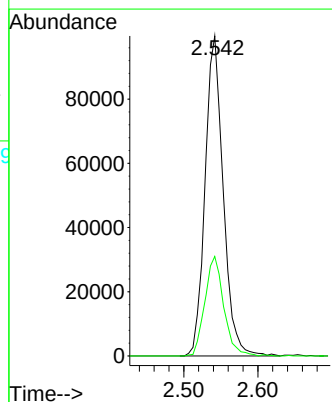
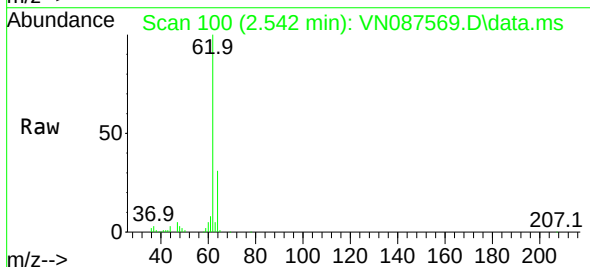
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ClientSampleId :

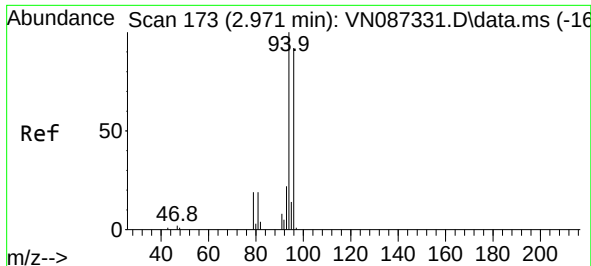
Tgt Ion: 50 Resp: 152078
Ion Ratio Lower Upper
50 100
52 33.1 26.3 39.5



#4
Vinyl Chloride
Concen: 53.629 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Tgt Ion: 62 Resp: 169468
Ion Ratio Lower Upper
62 100
64 31.1 27.0 40.6

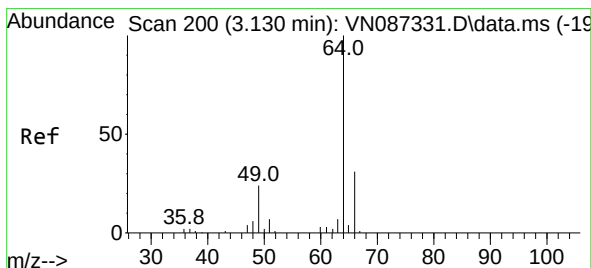
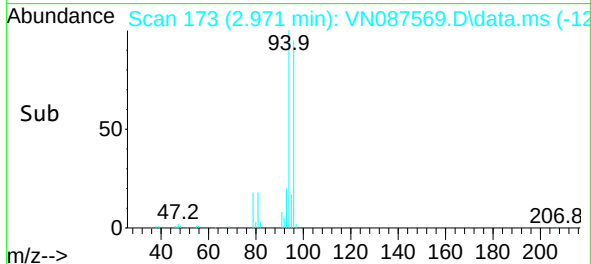
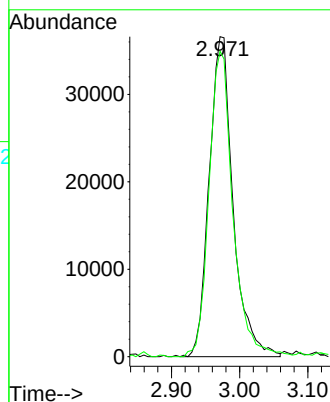
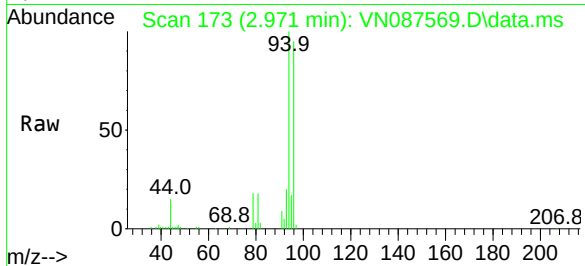




#5
Bromomethane
Concen: 54.595 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

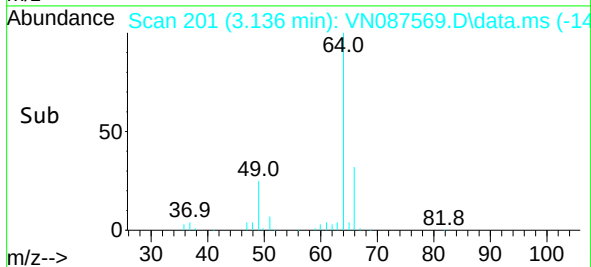
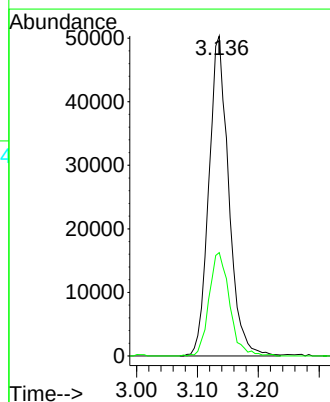
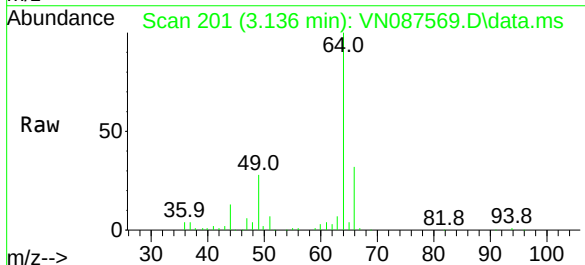
Instrument :
MSVOA_N
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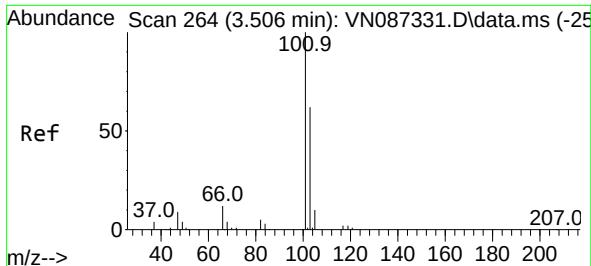
Tgt Ion: 94 Resp: 89339
Ion Ratio Lower Upper
94 100
96 95.4 73.4 110.2



#6
Chloroethane
Concen: 55.452 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Tgt Ion: 64 Resp: 114275
Ion Ratio Lower Upper
64 100
66 32.3 24.6 36.8

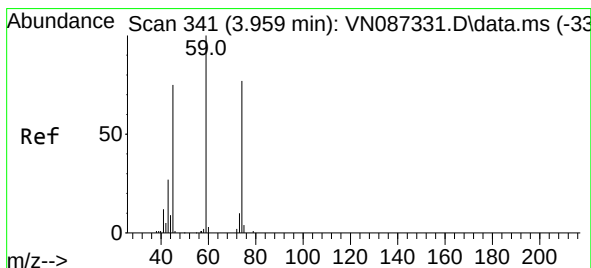
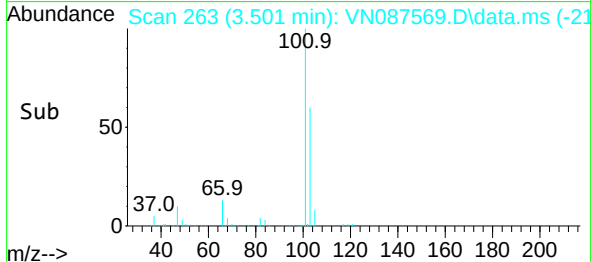
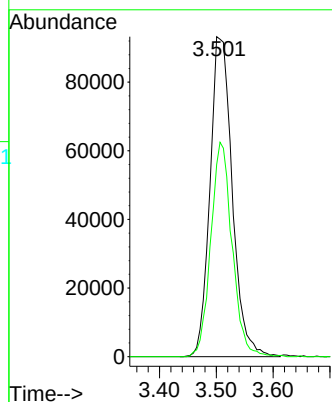
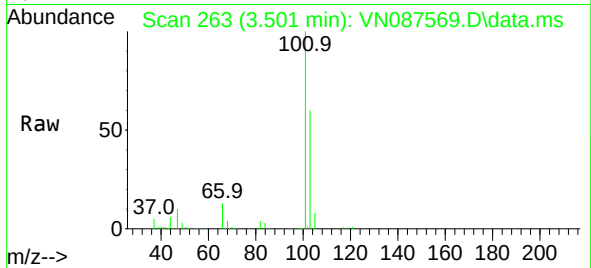




#7
Trichlorofluoromethane
Concen: 54.304 ug/l
RT: 3.501 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN087569.D
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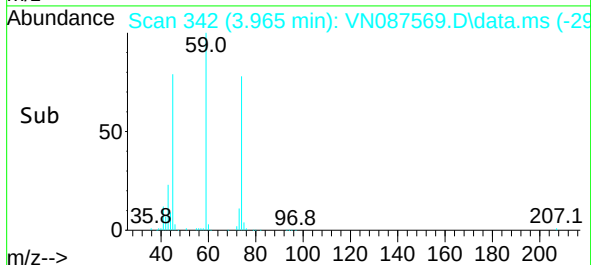
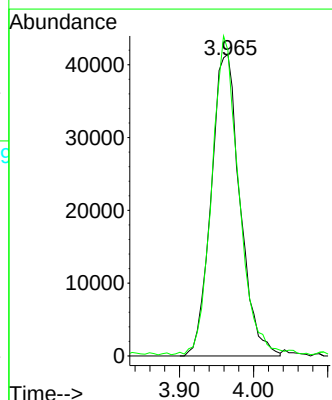
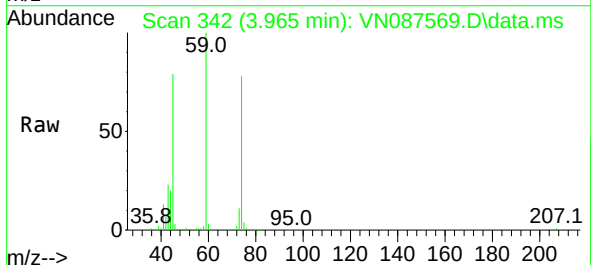
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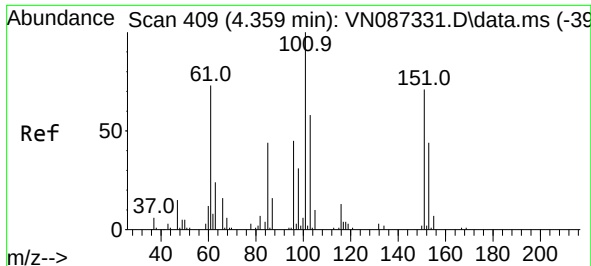
Tgt Ion:101 Resp: 253745
Ion Ratio Lower Upper
101 100
103 60.0 49.8 74.6



#8
Diethyl Ether
Concen: 61.834 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Tgt Ion: 74 Resp: 112077
Ion Ratio Lower Upper
74 100
45 99.5 50.8 152.5

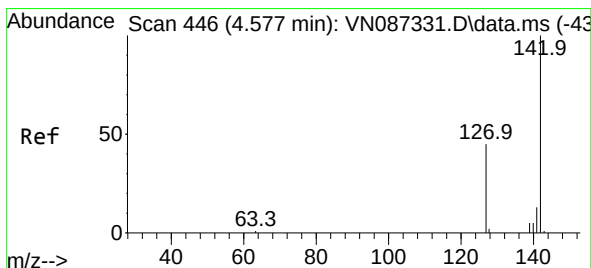
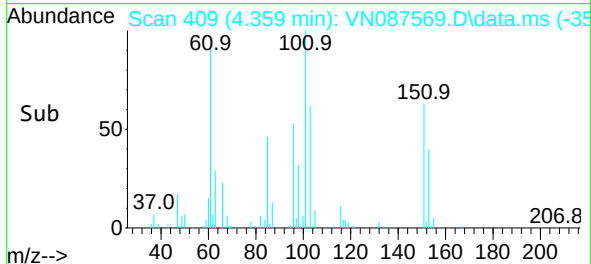
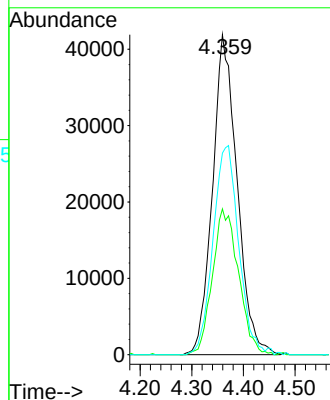
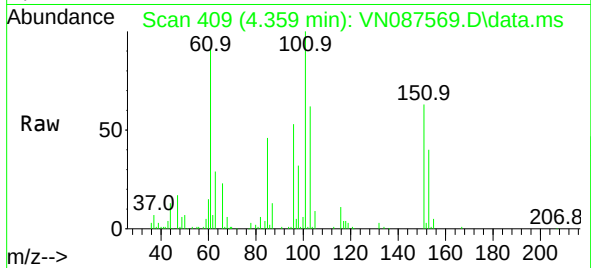




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.785 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.000 min
Lab File: VN087569.D
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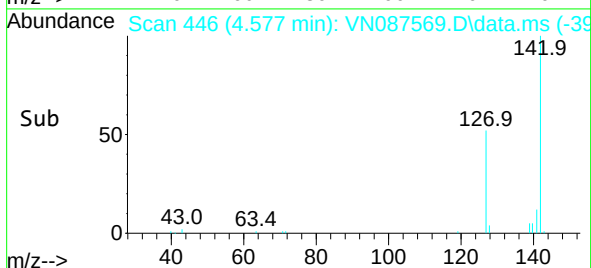
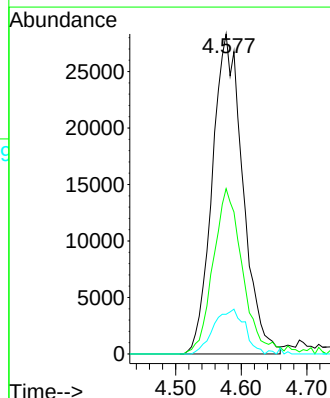
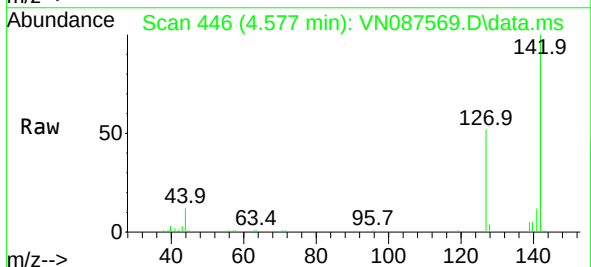
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MSVOA_N
ClientSampleId :

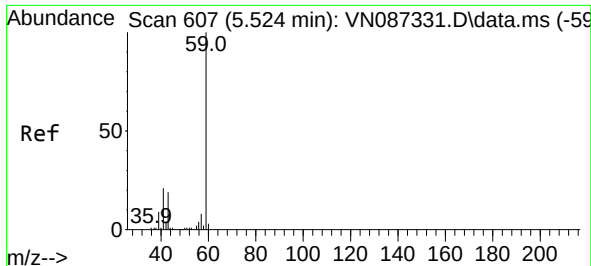
Tgt Ion:101 Resp: 138606
Ion Ratio Lower Upper
101 100
85 48.3 37.3 55.9
151 68.6 58.9 88.3



#10
Methyl Iodide
Concen: 38.610 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

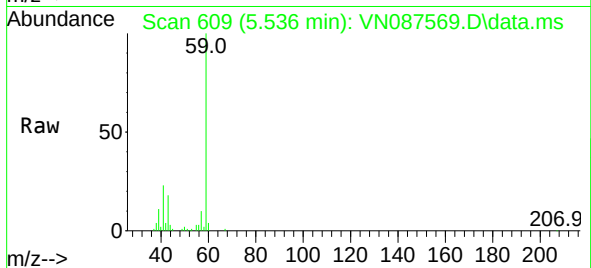
Tgt Ion:142 Resp: 91710
Ion Ratio Lower Upper
142 100
127 51.6 35.7 53.5
141 12.4 10.4 15.6



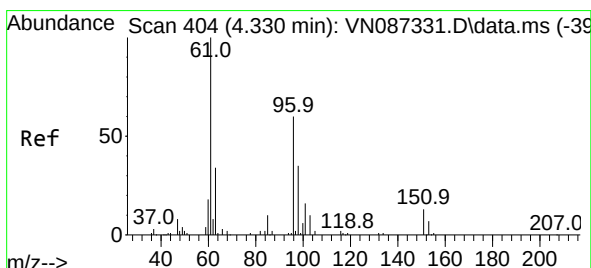
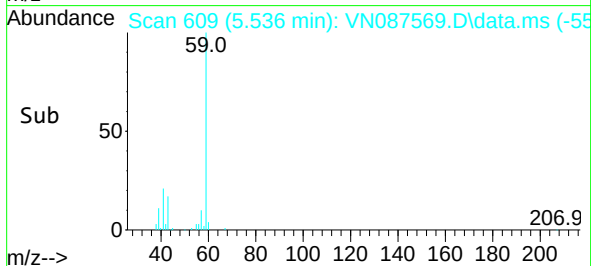
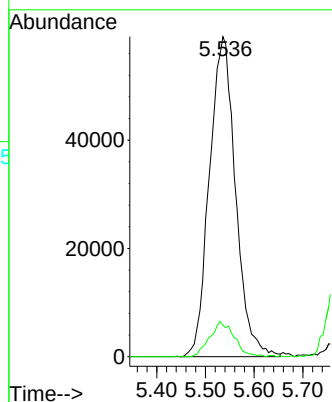


#11
Tert butyl alcohol
Concen: 286.700 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Instrument :
MSVOA_N
ClientSampleId :

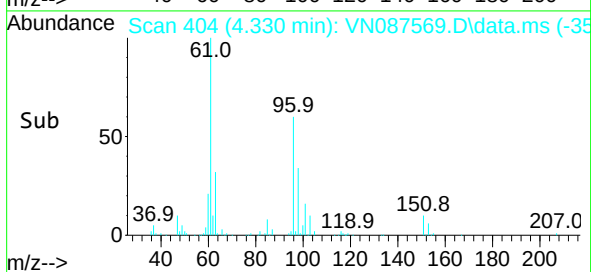
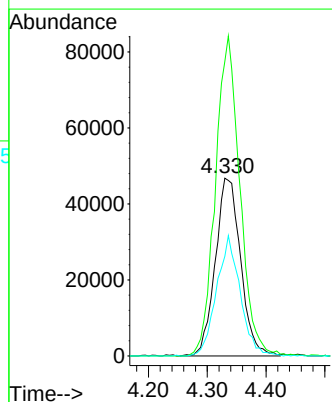
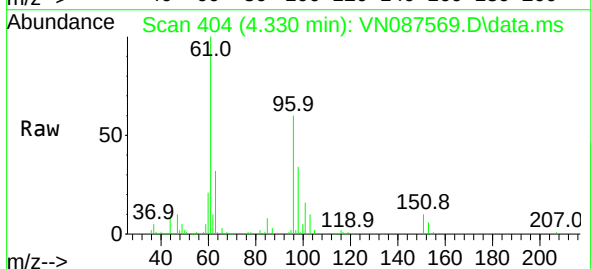


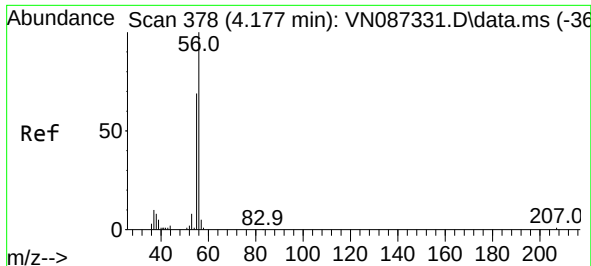
Tgt Ion: 59 Resp: 219902
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5



#12
1,1-Dichloroethene
Concen: 51.521 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Tgt Ion: 96 Resp: 140041
Ion Ratio Lower Upper
96 100
61 165.7 132.3 198.5
98 56.0 46.8 70.2

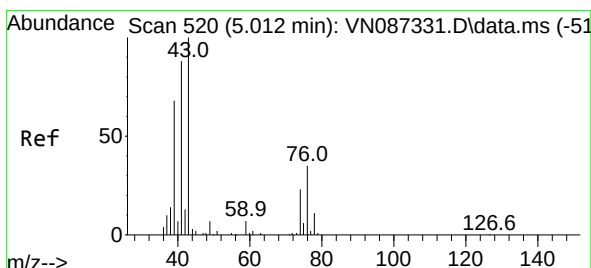
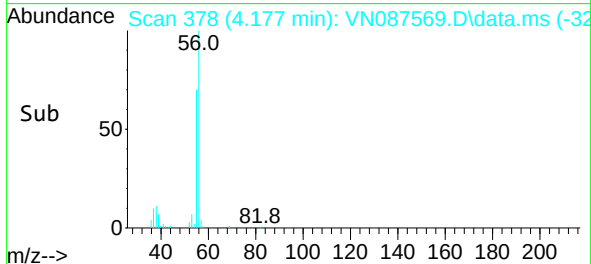
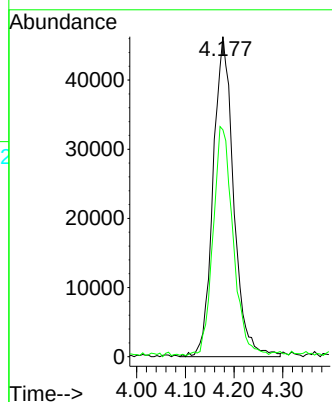
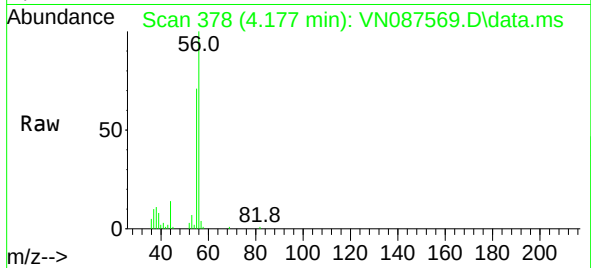




#13
Acrolein
Concen: 219.895 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

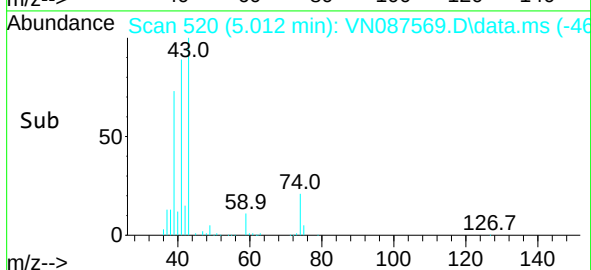
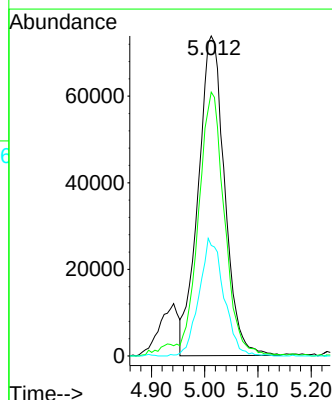
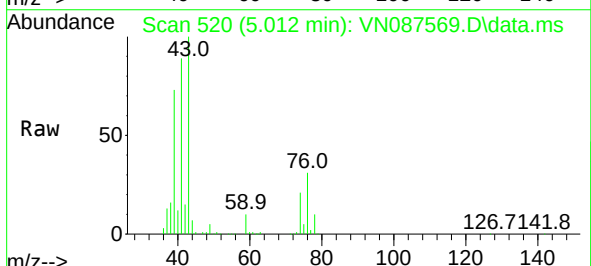
Instrument :
MSVOA_N
ClientSampleId :

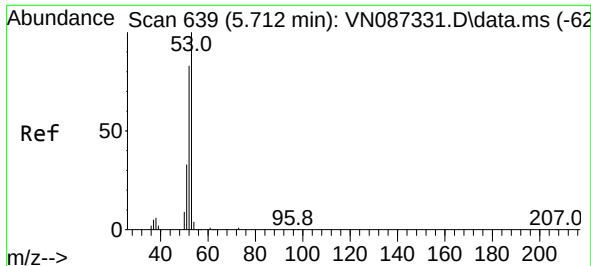
Tgt Ion: 56 Resp: 135355
Ion Ratio Lower Upper
56 100
55 69.8 56.2 84.4



#14
Allyl chloride
Concen: 51.759 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

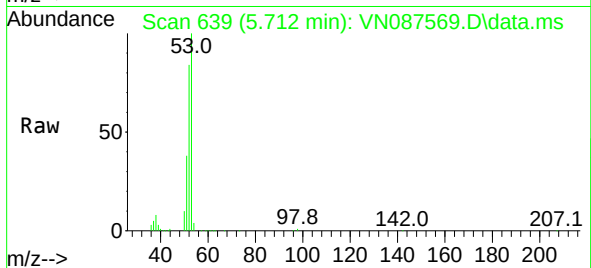
Tgt Ion: 41 Resp: 254609
Ion Ratio Lower Upper
41 100
39 80.7 59.0 88.6
76 34.6 28.7 43.1





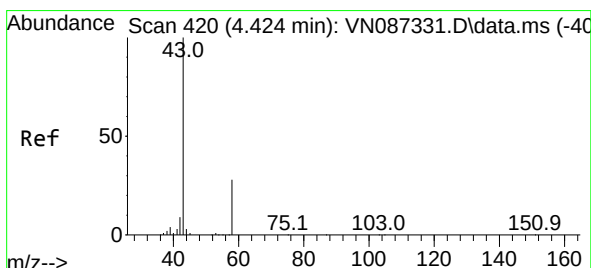
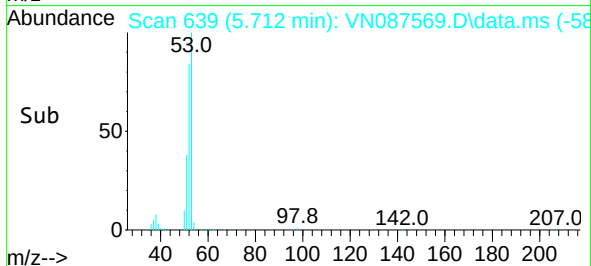
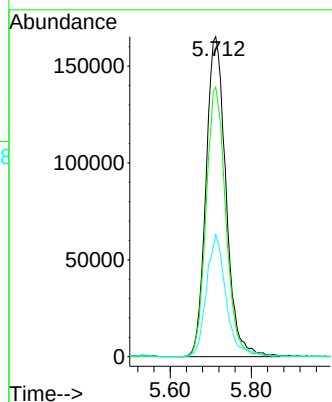
#15
Acrylonitrile
Concen: 270.058 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 53 Resp: 562090

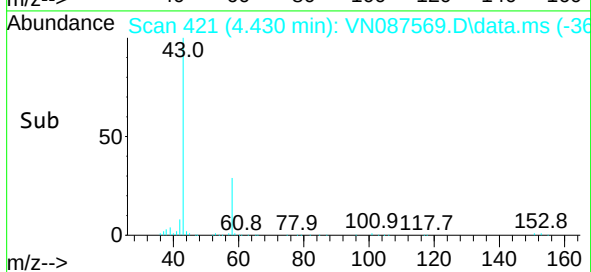
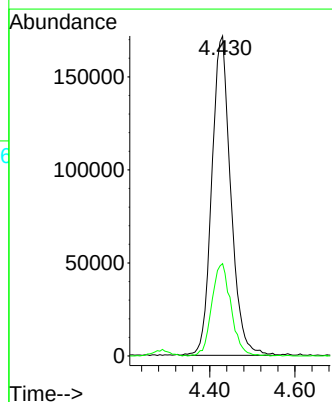
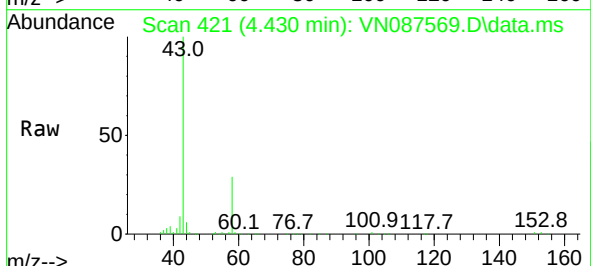
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.5	98.3
51	37.5	28.7	43.1

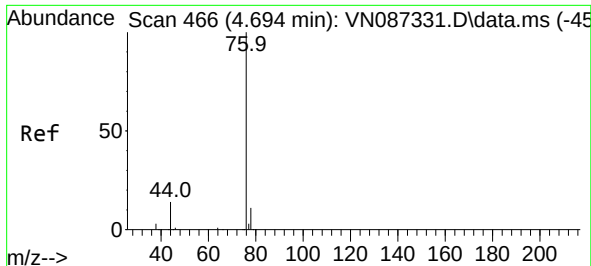


#16
Acetone
Concen: 279.957 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Tgt Ion: 43 Resp: 530238

Ion	Ratio	Lower	Upper
43	100		
58	28.7	22.3	33.5

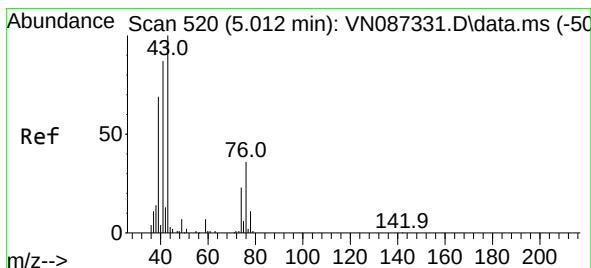
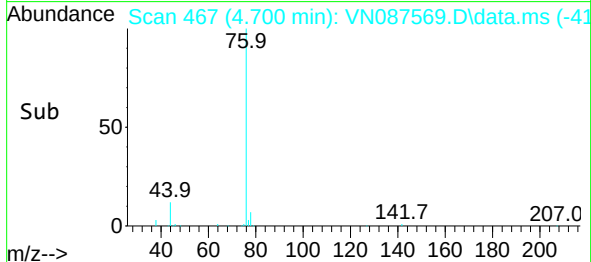
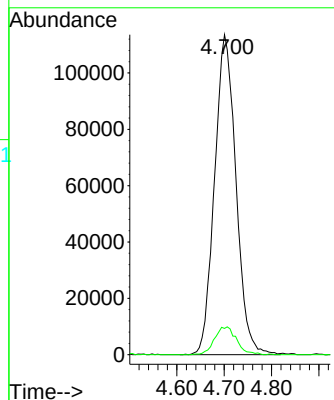
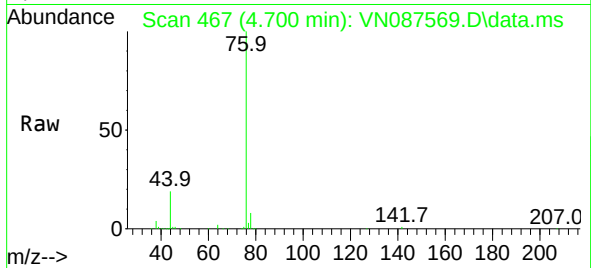




#17
Carbon Disulfide
Concen: 44.270 ug/l
RT: 4.700 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

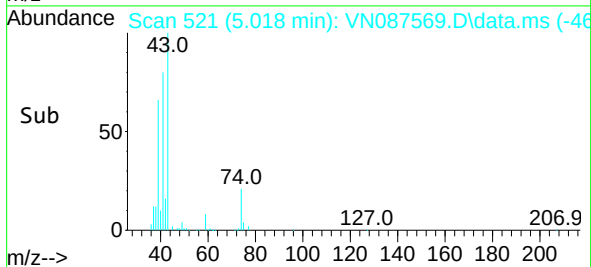
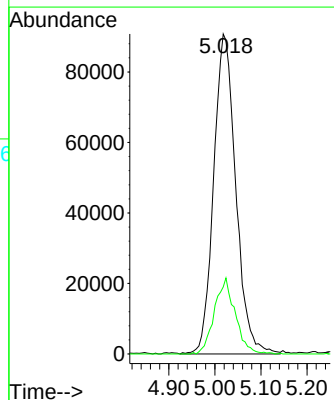
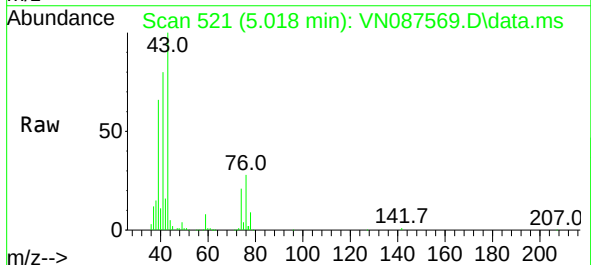
Instrument :
MSVOA_N
ClientSampleId :

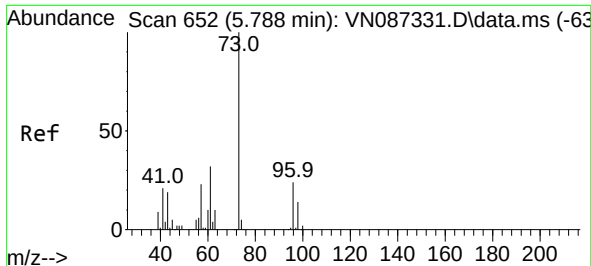
Tgt Ion: 76 Resp: 356757
Ion Ratio Lower Upper
76 100
78 8.2 8.6 13.0#



#18
Methyl Acetate
Concen: 63.602 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Tgt Ion: 43 Resp: 302650
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.6

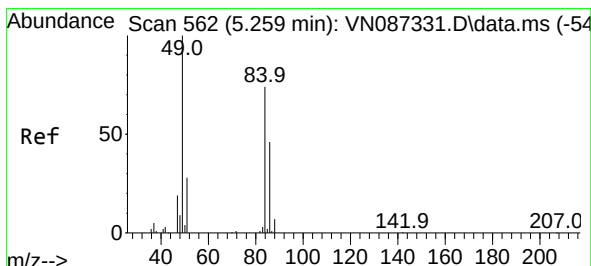
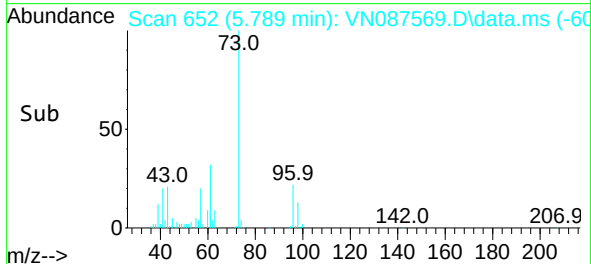
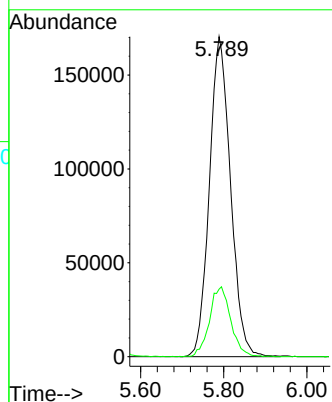
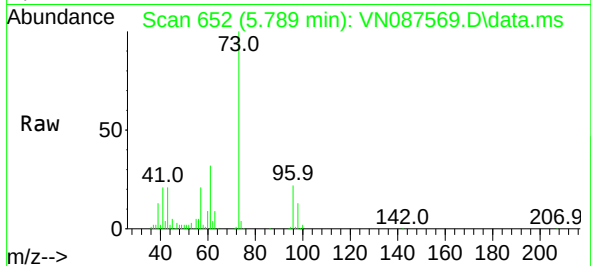




#19
Methyl tert-butyl Ether
Concen: 60.011 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

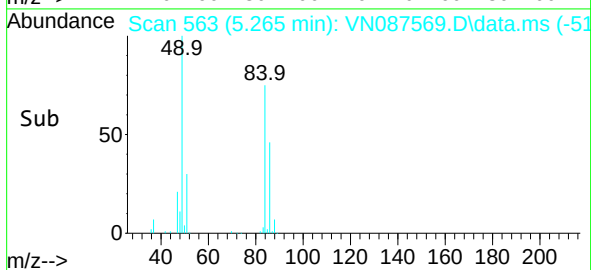
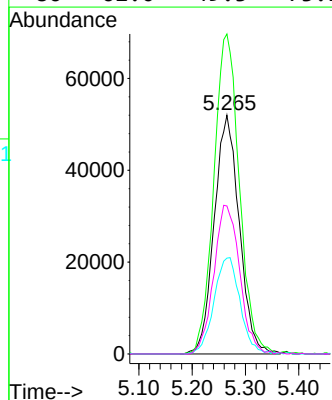
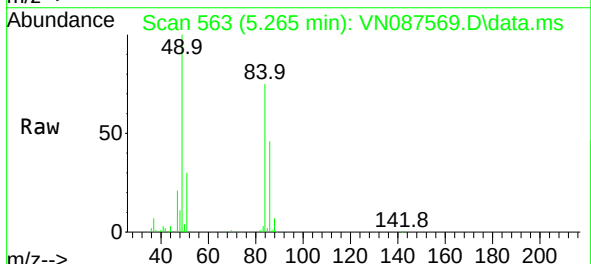
Instrument :
MSVOA_N
ClientSampleId :

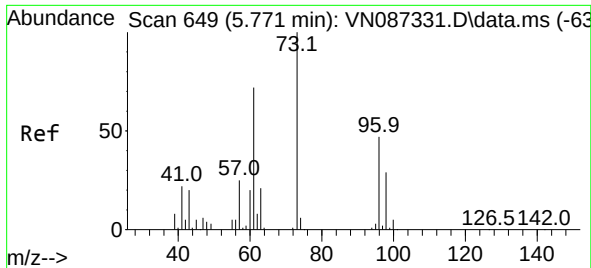
Tgt Ion: 73 Resp: 601237
Ion Ratio Lower Upper
73 100
57 21.1 18.6 27.8



#20
Methylene Chloride
Concen: 53.111 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Tgt Ion: 84 Resp: 169920
Ion Ratio Lower Upper
84 100
49 134.1 107.5 161.3
51 40.2 30.2 45.2
86 62.0 49.3 73.9

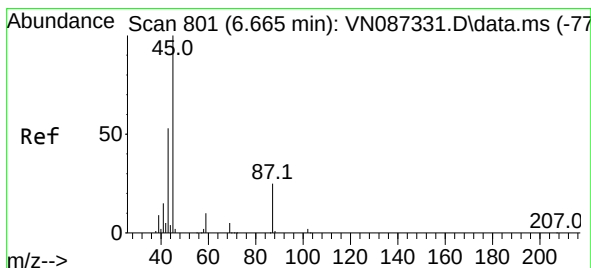
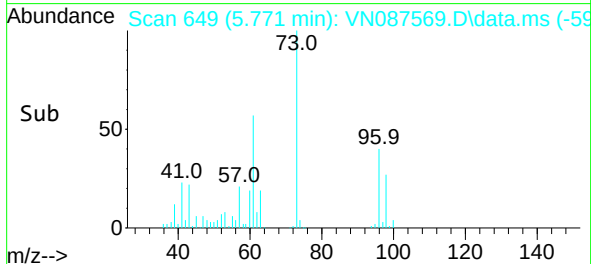
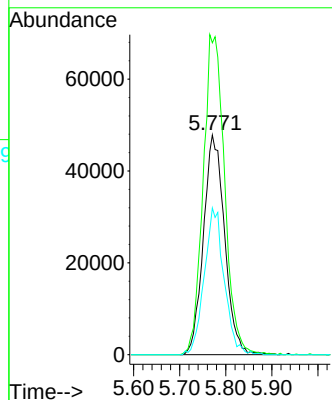
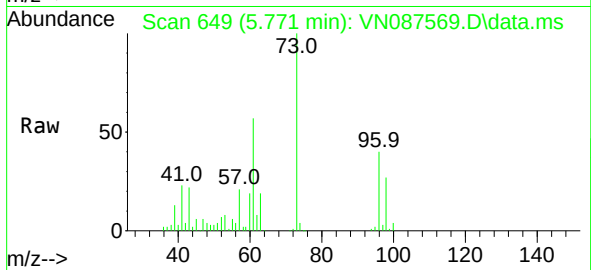




#21
trans-1,2-Dichloroethene
Concen: 49.977 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

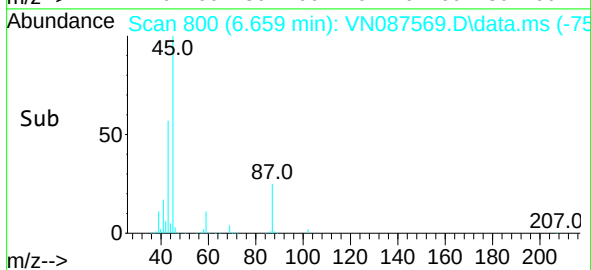
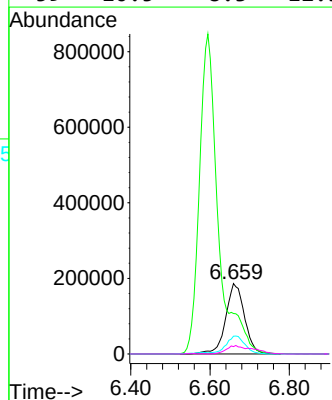
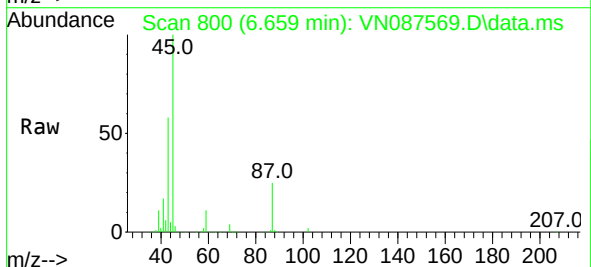
Instrument :
MSVOA_N
ClientSampleId :

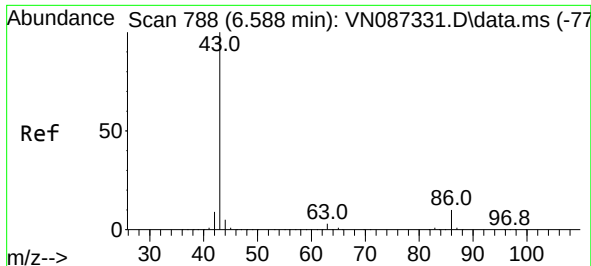
Tgt Ion: 96 Resp: 153170
Ion Ratio Lower Upper
96 100
61 141.9 122.0 183.0
98 66.8 50.0 75.0



#22
Diisopropyl ether
Concen: 59.384 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Tgt Ion: 45 Resp: 612749
Ion Ratio Lower Upper
45 100
43 57.1 42.8 64.2
87 25.2 19.8 29.6
59 10.5 8.3 12.5

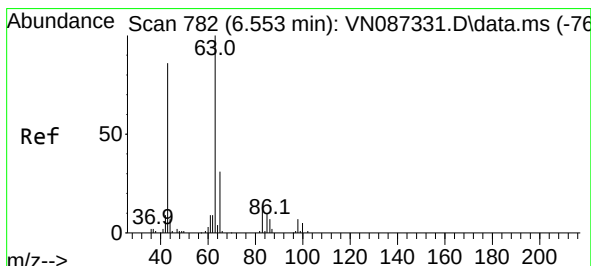
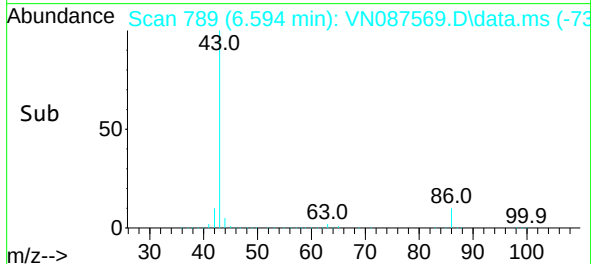
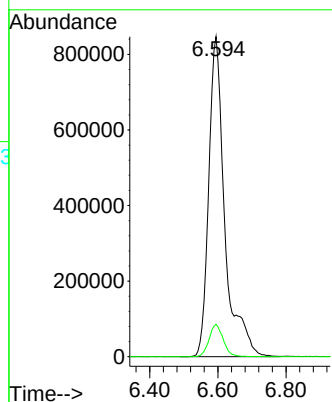
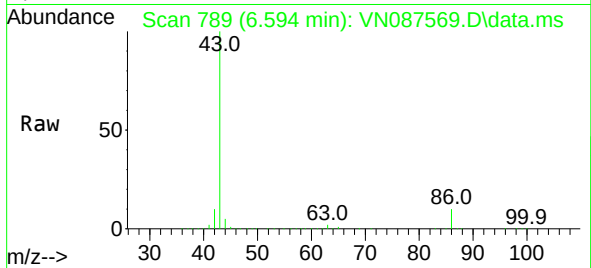




#23
 Vinyl Acetate
 Concen: 307.552 ug/l
 RT: 6.594 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN087569.D
 Acq: 14 Aug 2025 16:27

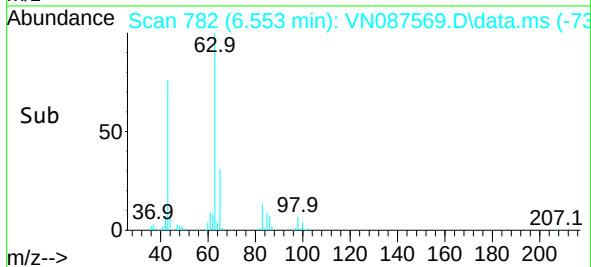
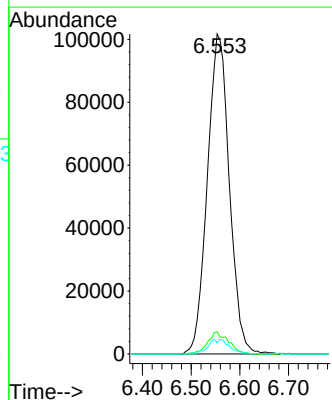
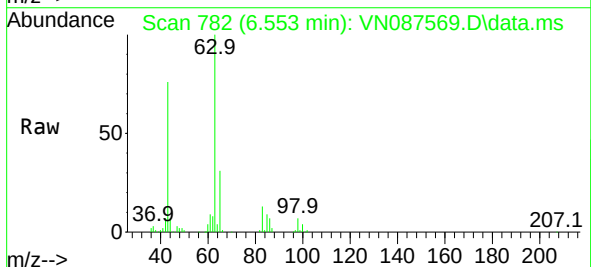
Instrument :
 MSVOA_N
 ClientSampleId :

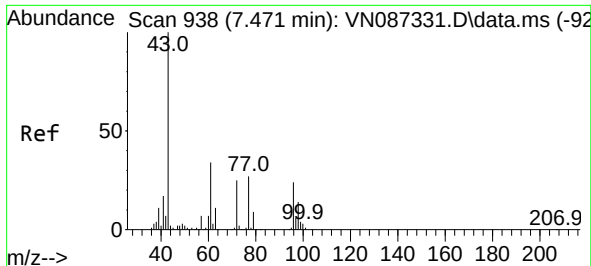
Tgt Ion: 43 Resp: 2775483
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 53.488 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087569.D
 Acq: 14 Aug 2025 16:27

Tgt Ion: 63 Resp: 318408
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 3.5 2.5 7.4

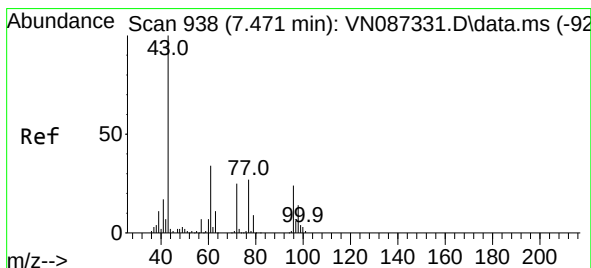
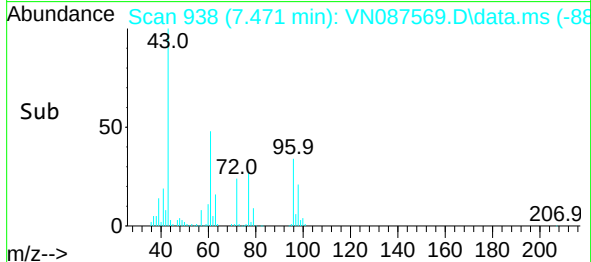
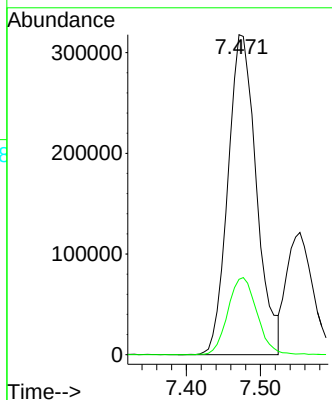
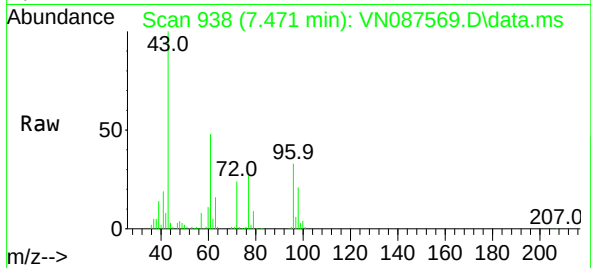




#25
2-Butanone
Concen: 290.579 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

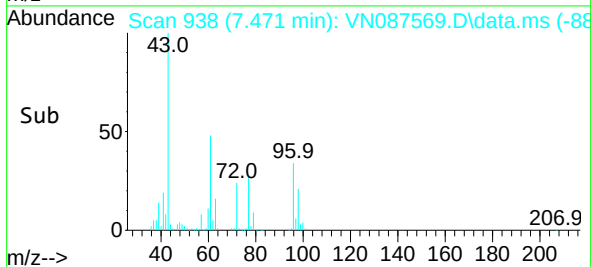
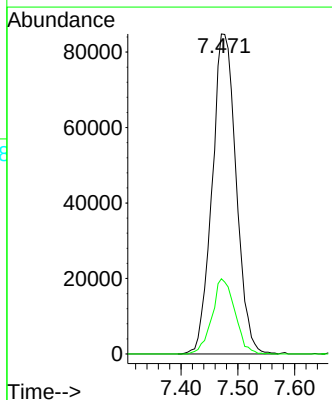
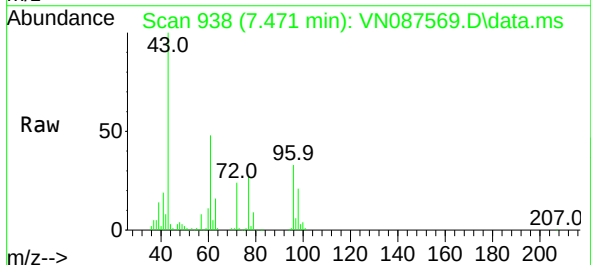
Instrument :
MSVOA_N
ClientSampleId :

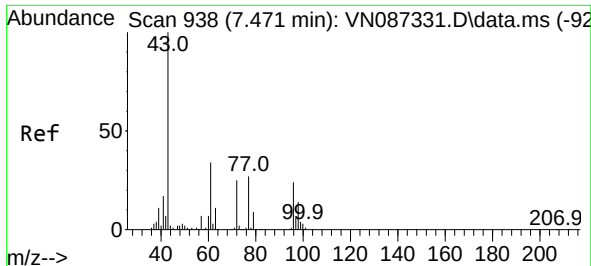
Tgt Ion: 43 Resp: 850355
Ion Ratio Lower Upper
43 100
72 23.5 19.6 29.4



#26
2,2-Dichloropropane
Concen: 53.865 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

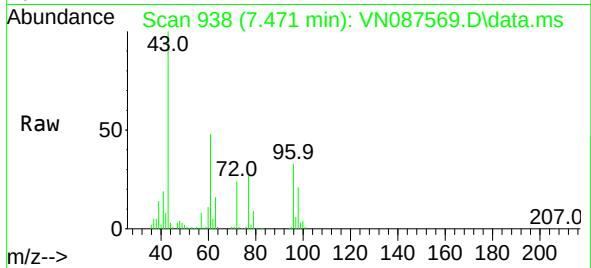
Tgt Ion: 77 Resp: 249304
Ion Ratio Lower Upper
77 100
97 22.4 11.1 33.1



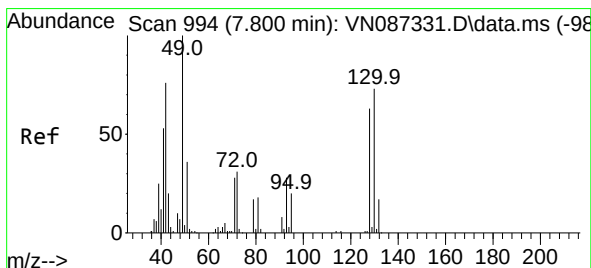
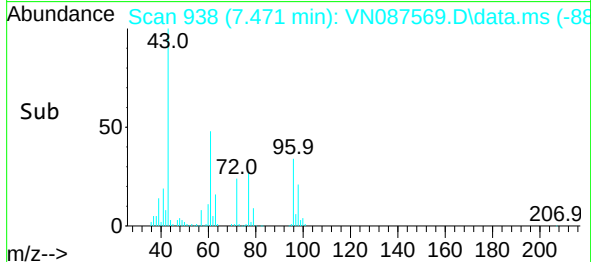
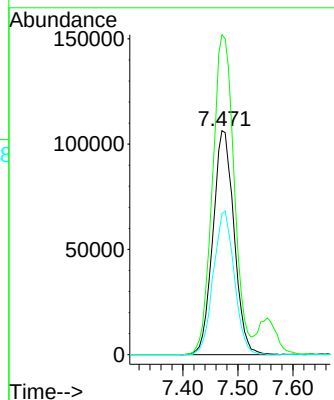


#27
 cis-1,2-Dichloroethene
 Concen: 80.651 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087569.D
 Acq: 14 Aug 2025 16:27

Instrument :
 MSVOA_N
 ClientSampleId :

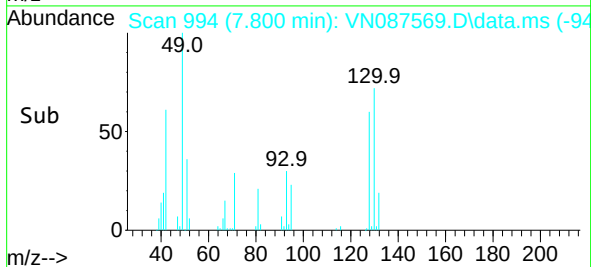
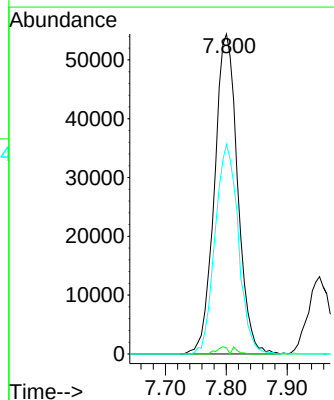
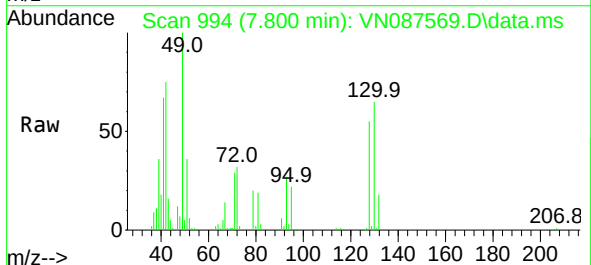


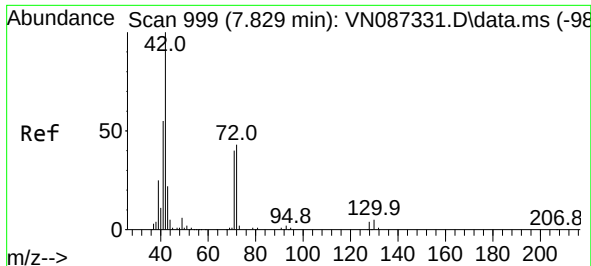
Tgt Ion: 96 Resp: 284580
 Ion Ratio Lower Upper
 96 100
 61 146.1 0.0 297.8
 98 63.4 0.0 132.4



#28
 Bromochloromethane
 Concen: 50.351 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087569.D
 Acq: 14 Aug 2025 16:27

Tgt Ion: 49 Resp: 143451
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.2
 130 65.8 57.3 85.9





#29

Tetrahydrofuran

Concen: 285.049 ug/l

RT: 7.830 min Scan# 999

Delta R.T. 0.000 min

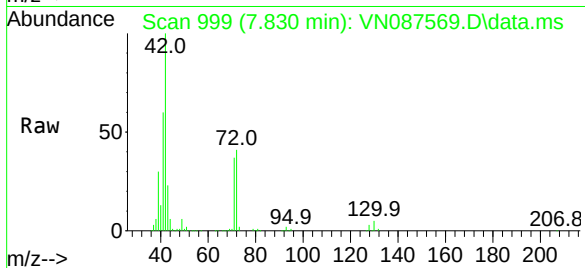
Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

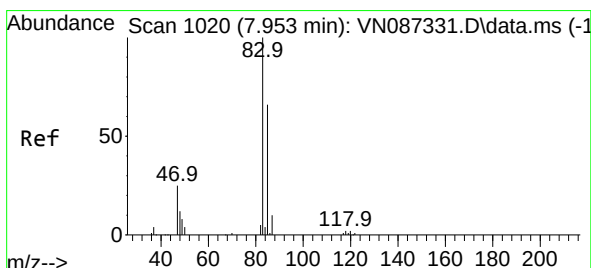
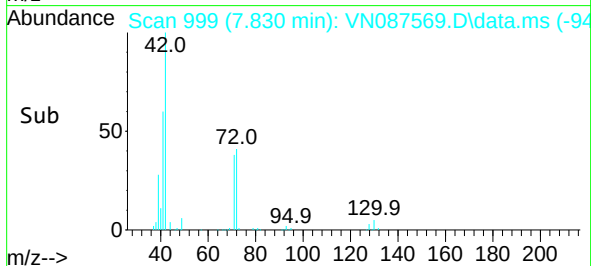
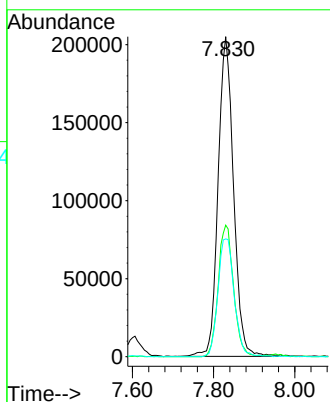
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	541901
Ion	Ratio	Lower	Upper
42	100		
72	41.0	33.4	50.0
71	38.9	31.2	46.8



#30

Chloroform

Concen: 57.240 ug/l

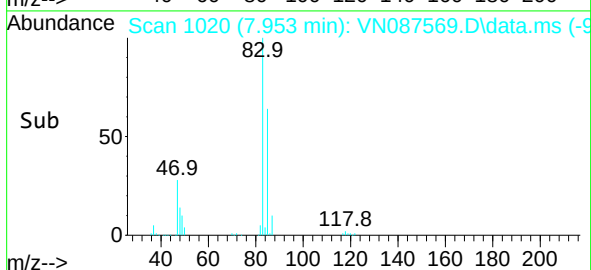
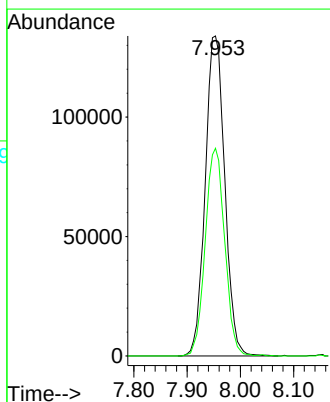
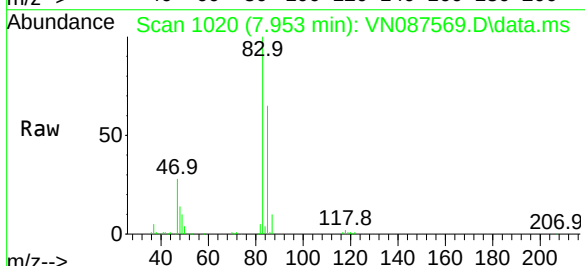
RT: 7.953 min Scan# 1020

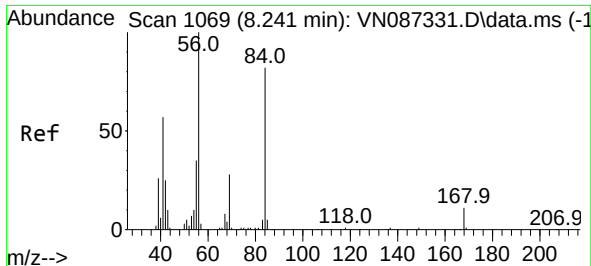
Delta R.T. 0.000 min

Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

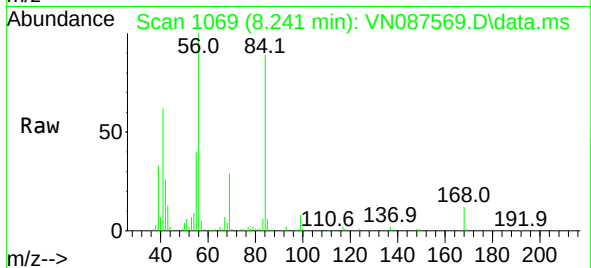
Tgt Ion:	83	Resp:	341066
Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.7	79.1



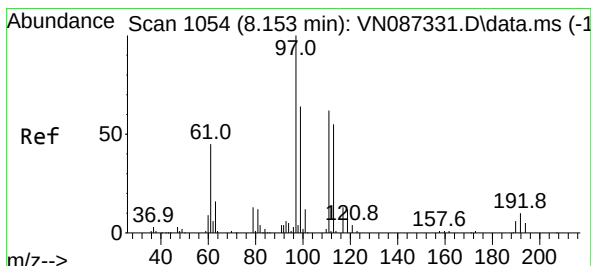
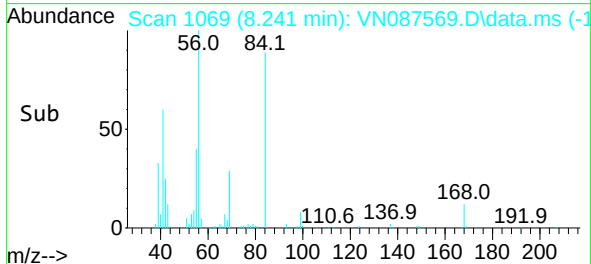
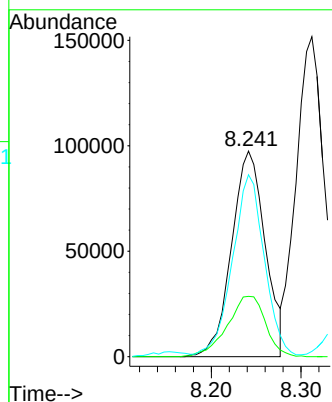


#31
Cyclohexane
Concen: 51.134 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Instrument :
MSVOA_N
ClientSampleId :

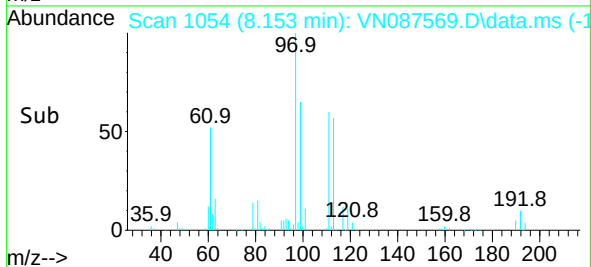
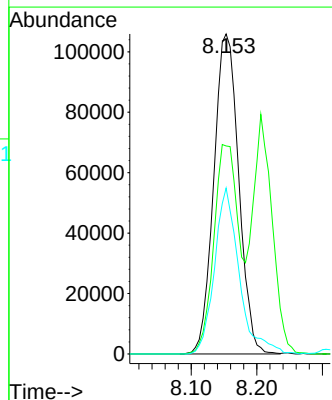
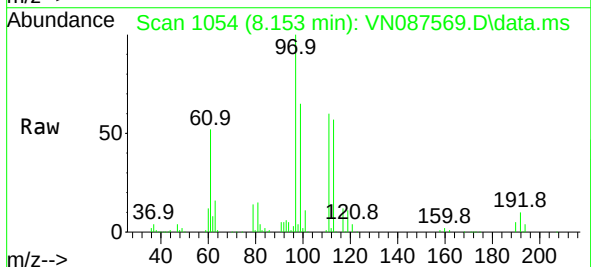


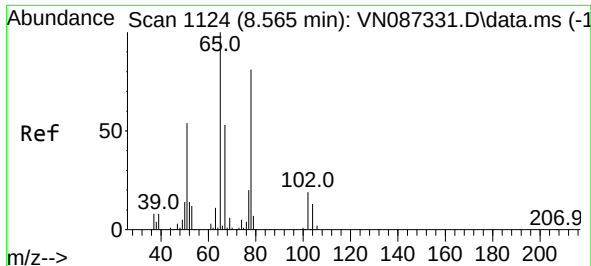
Tgt Ion: 56 Resp: 253936
Ion Ratio Lower Upper
56 100
69 29.3 22.7 34.1
84 86.7 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 54.153 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Tgt Ion: 97 Resp: 279470
Ion Ratio Lower Upper
97 100
99 65.8 51.8 77.8
61 51.4 38.7 58.1

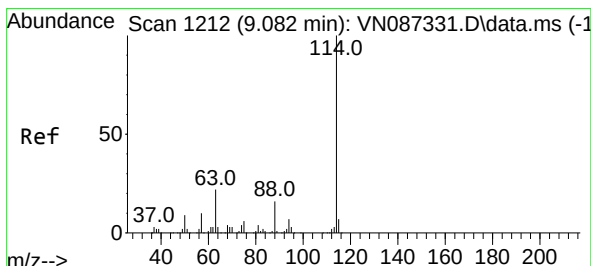
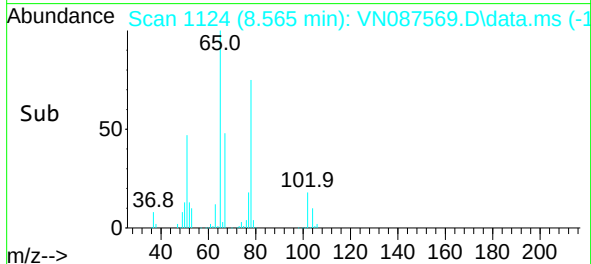
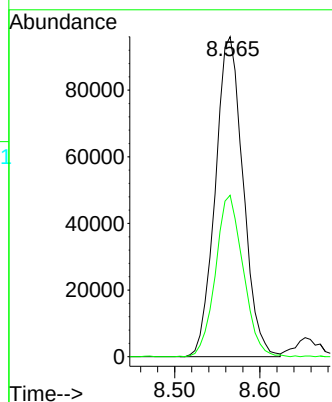
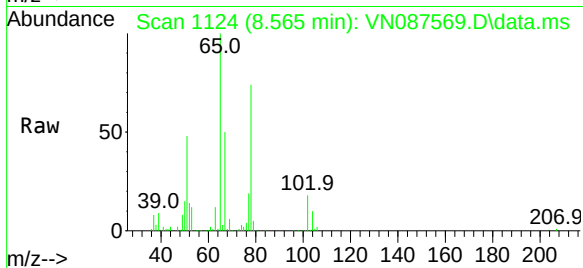




#33
1,2-Dichloroethane-d4
Concen: 53.842 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

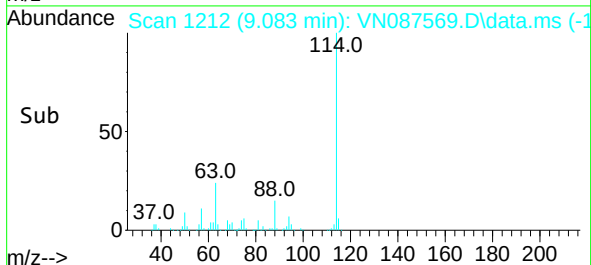
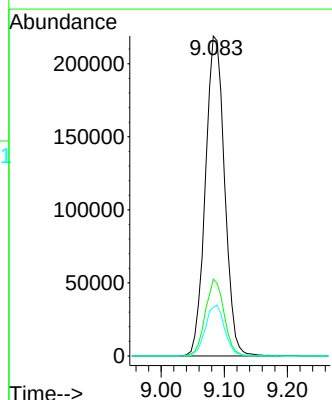
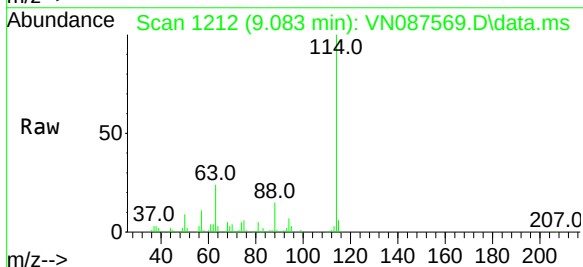
Instrument :
MSVOA_N
ClientSampleId :

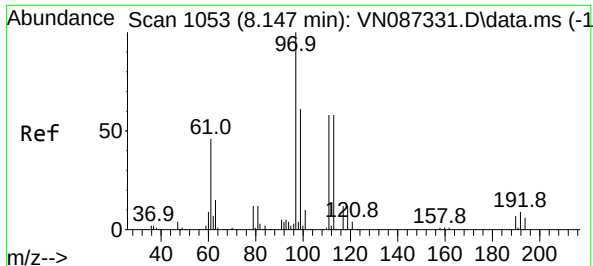
Tgt Ion: 65 Resp: 217494
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.001 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Tgt Ion: 114 Resp: 461160
Ion Ratio Lower Upper
114 100
63 24.0 0.0 44.6
88 15.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.909 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

Instrument :

MSVOA_N

ClientSampleId :

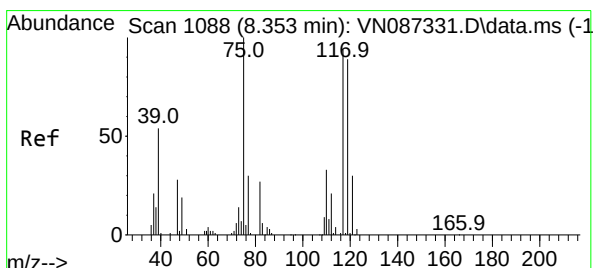
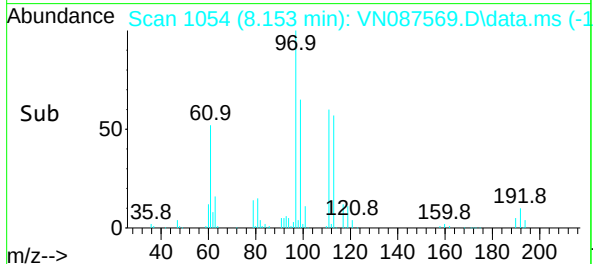
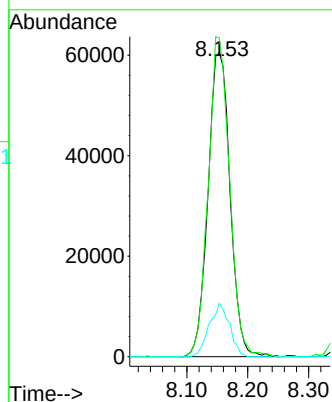
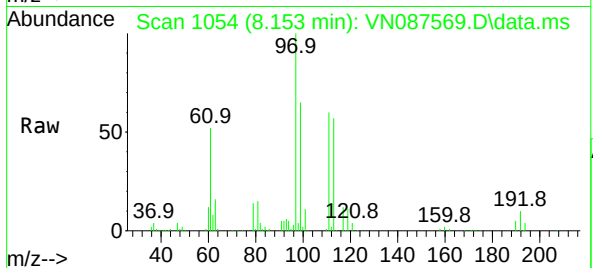
Tgt Ion:113 Resp: 152403

Ion Ratio Lower Upper

113 100

111 102.2 82.5 123.7

192 16.1 13.7 20.5



#36

1,1-Dichloropropene

Concen: 51.052 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

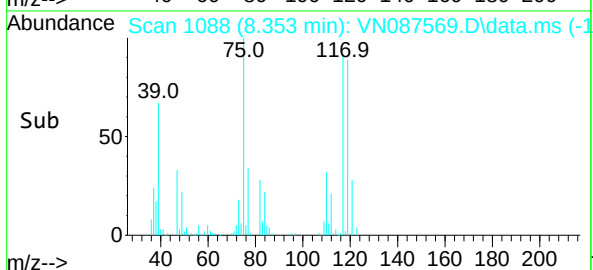
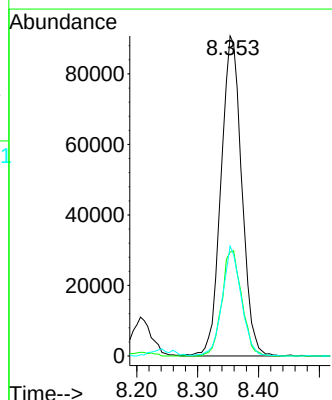
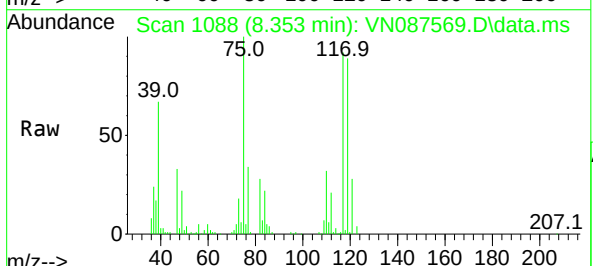
Tgt Ion: 75 Resp: 214559

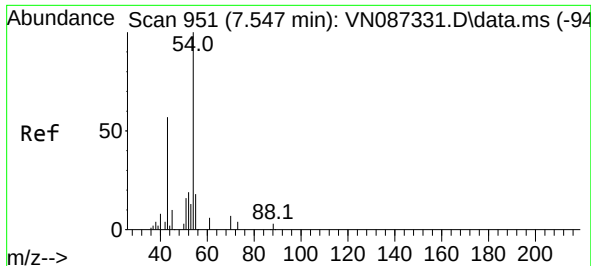
Ion Ratio Lower Upper

75 100

110 31.6 16.7 50.1

77 31.4 25.2 37.8

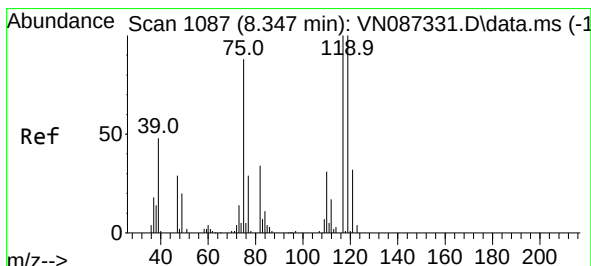
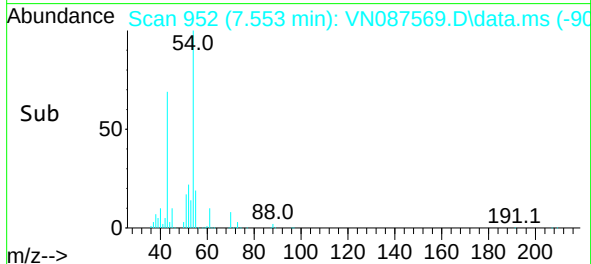
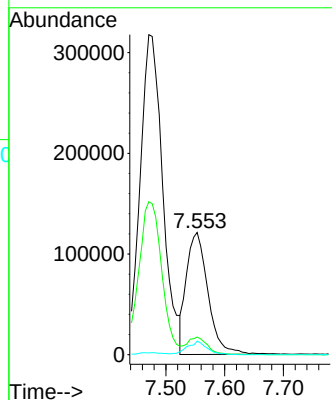
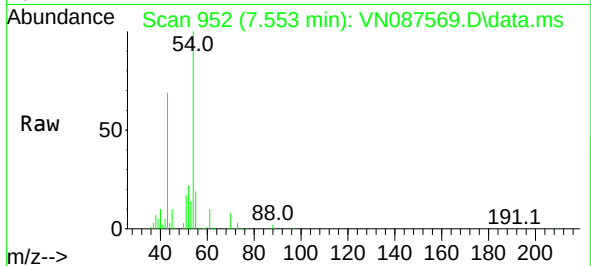




#37
Ethyl Acetate
Concen: 50.705 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

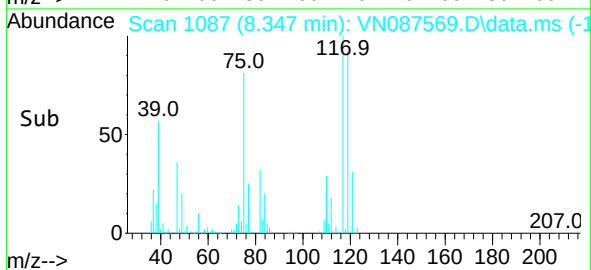
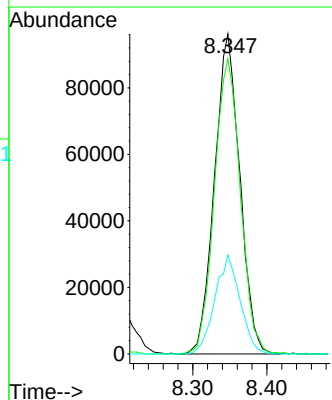
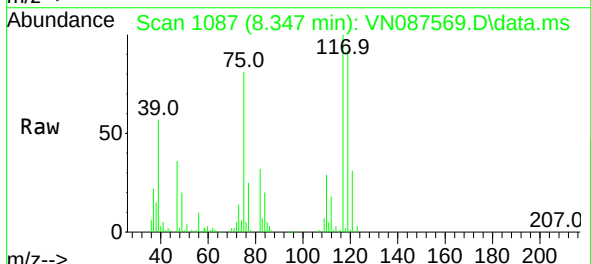
Instrument :
MSVOA_N
ClientSampleId :

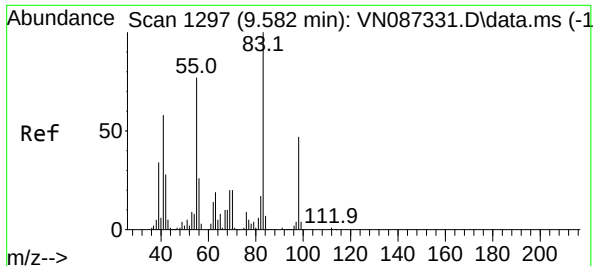
Tgt Ion: 43 Resp: 307770
Ion Ratio Lower Upper
43 100
61 14.1 10.9 16.3
70 10.2 7.4 11.0



#38
Carbon Tetrachloride
Concen: 49.255 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Tgt Ion: 117 Resp: 228035
Ion Ratio Lower Upper
117 100
119 92.1 80.2 120.2
121 30.9 25.4 38.2





#39

Methylcyclohexane

Concen: 52.198 ug/l

RT: 9.583 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

Instrument :

MSVOA_N

ClientSampleId :

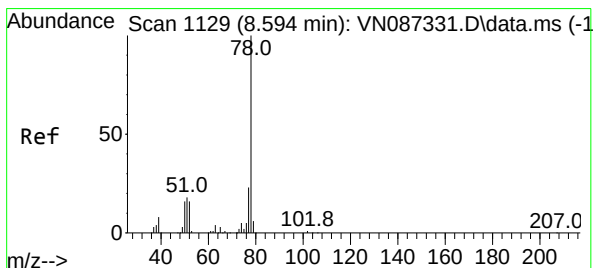
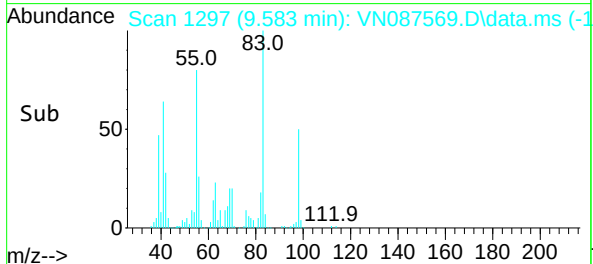
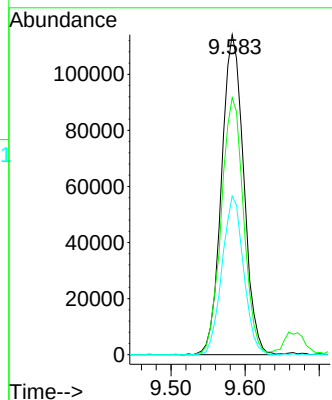
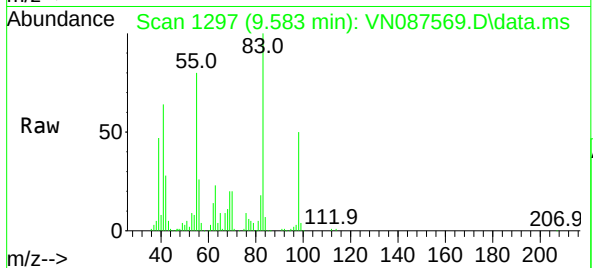
Tgt Ion: 83 Resp: 237505

Ion Ratio Lower Upper

83 100

55 80.4 61.3 91.9

98 49.6 37.9 56.9



#40

Benzene

Concen: 51.262 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087569.D

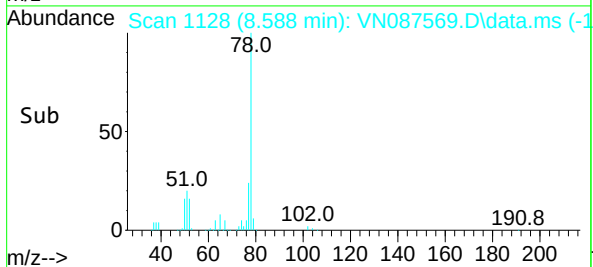
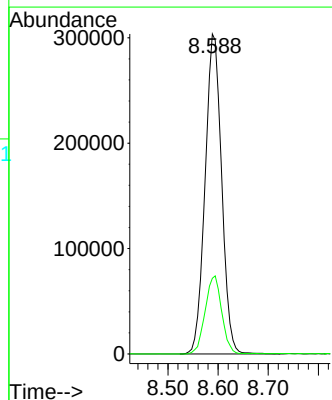
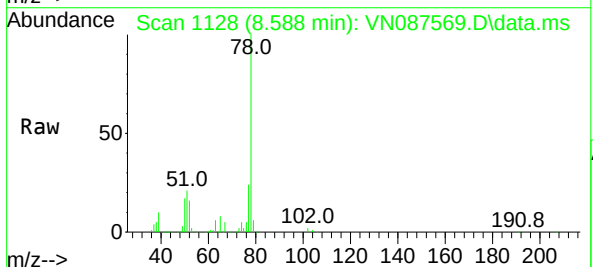
Acq: 14 Aug 2025 16:27

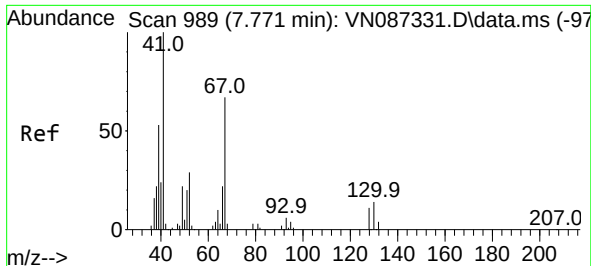
Tgt Ion: 78 Resp: 696316

Ion Ratio Lower Upper

78 100

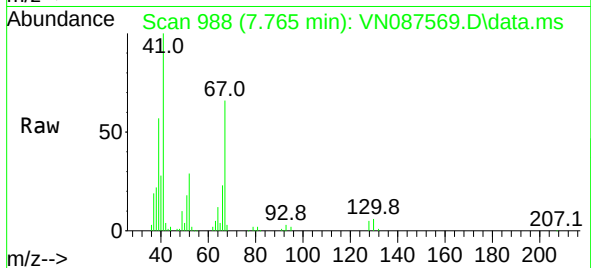
77 23.6 18.2 27.2





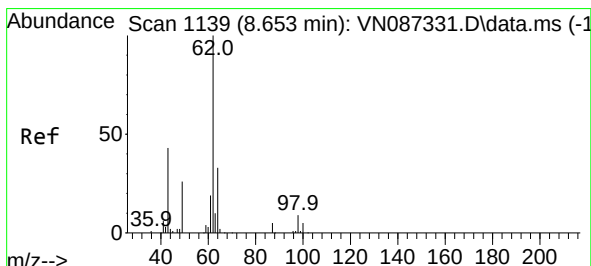
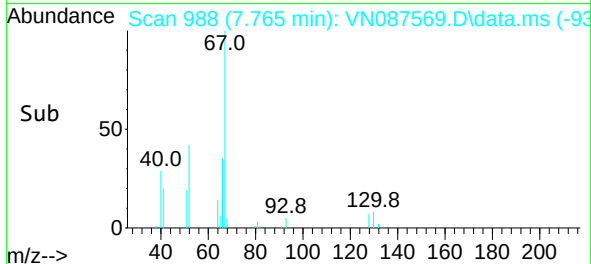
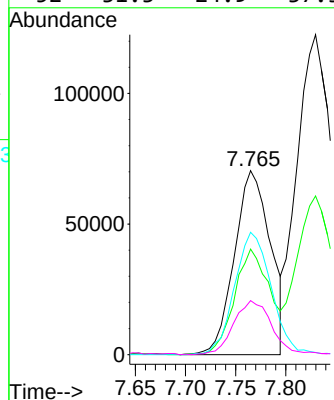
#41
Methacrylonitrile
Concen: 55.413 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 41 Resp: 175869

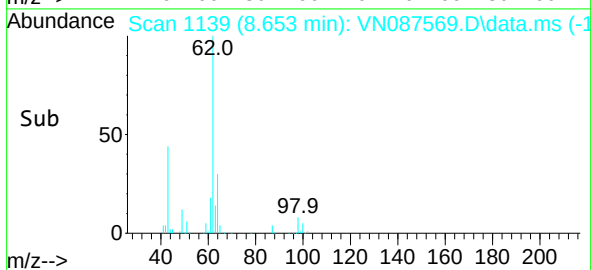
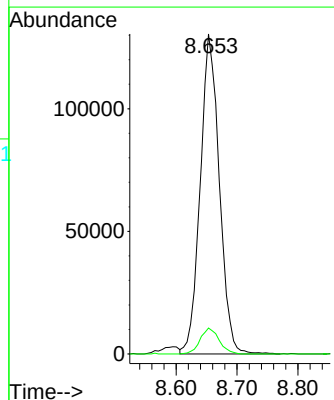
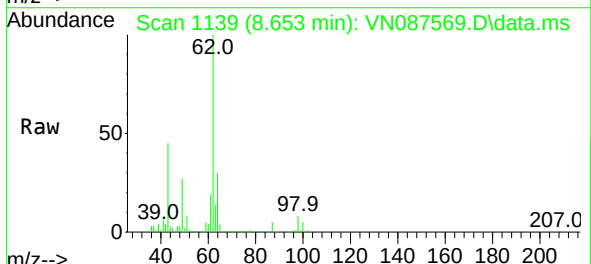
Ion	Ratio	Lower	Upper
41	100		
39	56.6	43.4	65.0
67	68.3	55.1	82.7
52	31.3	24.9	37.3

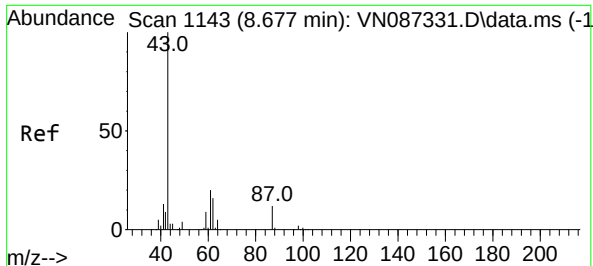


#42
1,2-Dichloroethane
Concen: 55.133 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Tgt Ion: 62 Resp: 283996

Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	18.0

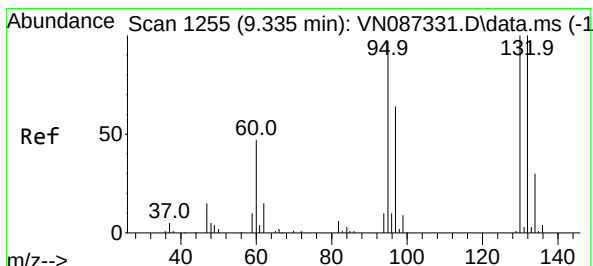
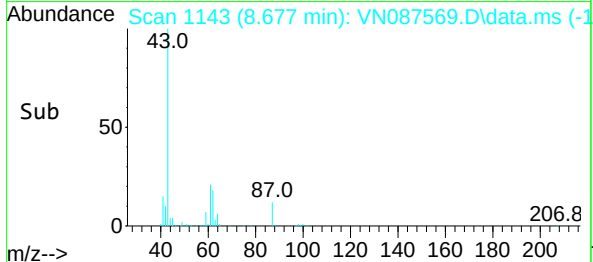
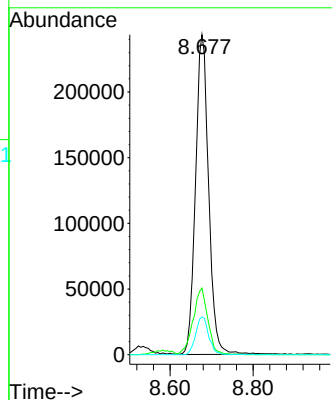
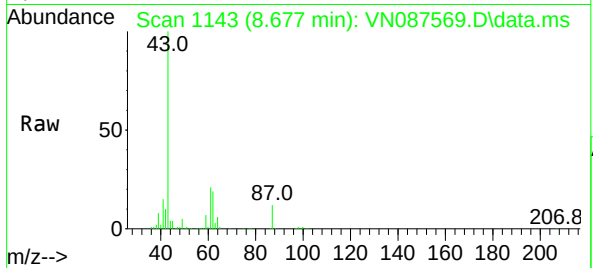




#43
Isopropyl Acetate
Concen: 56.527 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

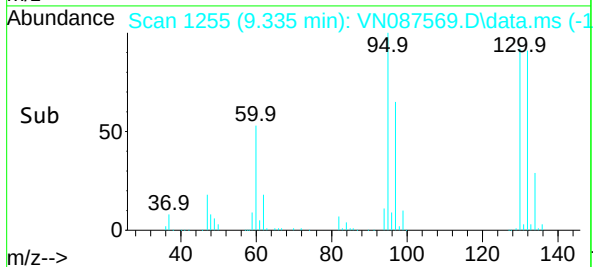
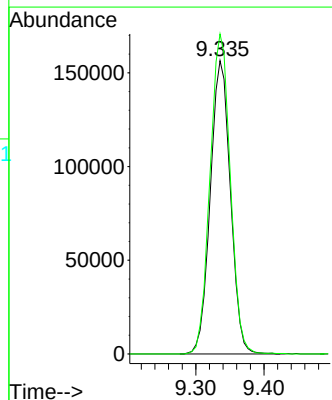
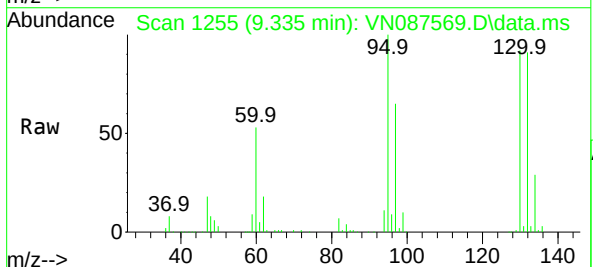
Instrument :
MSVOA_N
ClientSampleId :

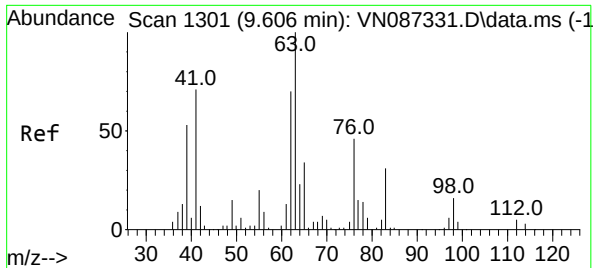
Tgt Ion: 43 Resp: 532619
Ion Ratio Lower Upper
43 100
61 23.0 19.8 29.8
87 11.7 9.8 14.6



#44
Trichloroethene
Concen: 100.127 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Tgt Ion:130 Resp: 321363
Ion Ratio Lower Upper
130 100
95 109.1 0.0 195.2





#45

1,2-Dichloropropane

Concen: 52.845 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

Instrument :

MSVOA_N

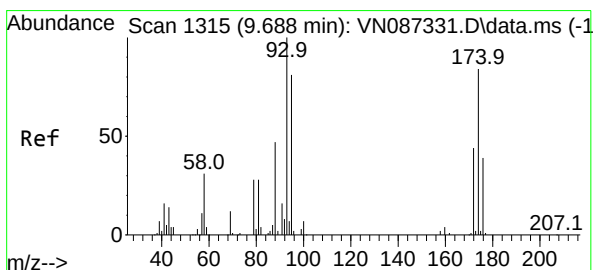
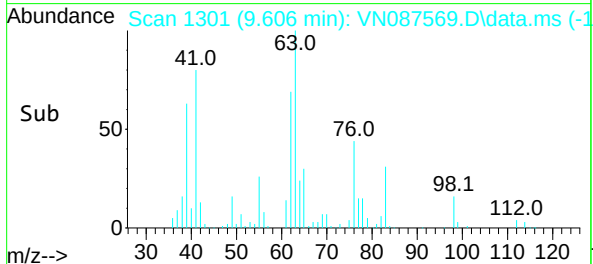
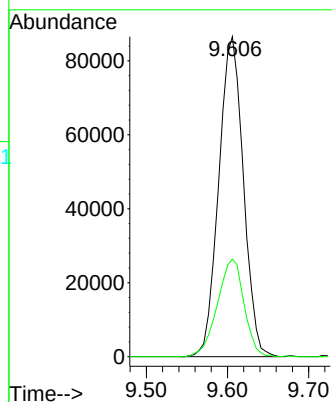
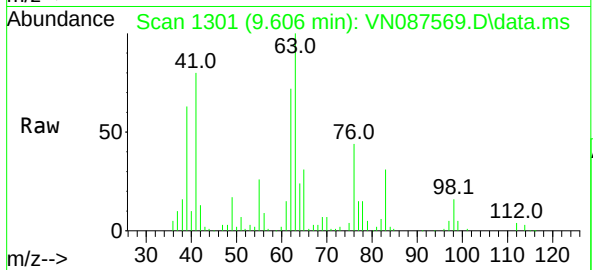
ClientSampleId :

Tgt Ion: 63 Resp: 182390

Ion Ratio Lower Upper

63 100

65 30.5 27.0 40.4



#46

Dibromomethane

Concen: 53.162 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

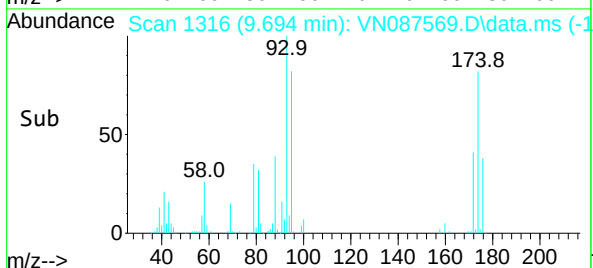
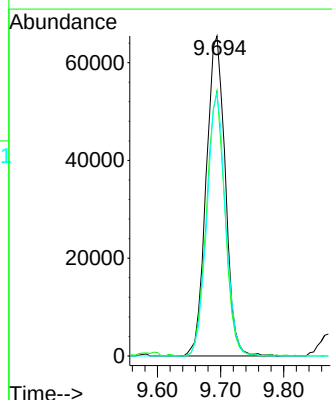
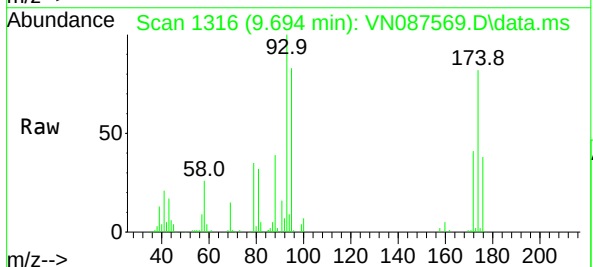
Tgt Ion: 93 Resp: 137378

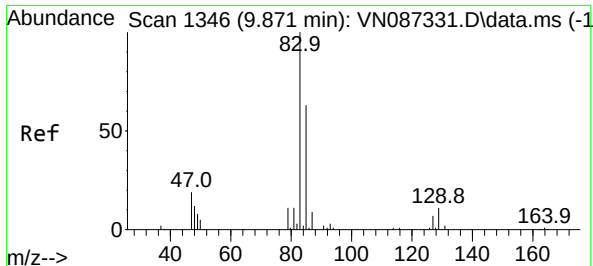
Ion Ratio Lower Upper

93 100

95 79.9 65.8 98.8

174 79.9 69.9 104.9





#47

Bromodichloromethane

Concen: 53.324 ug/l

RT: 9.871 min Scan# 1346

Delta R.T. 0.000 min

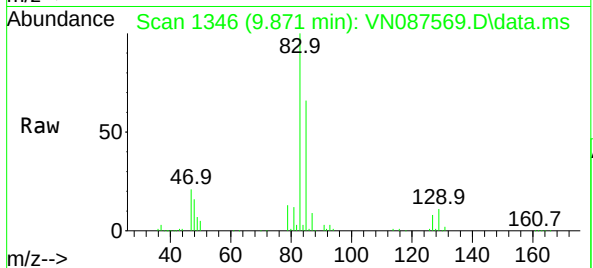
Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

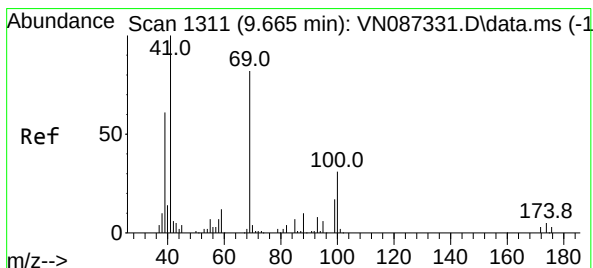
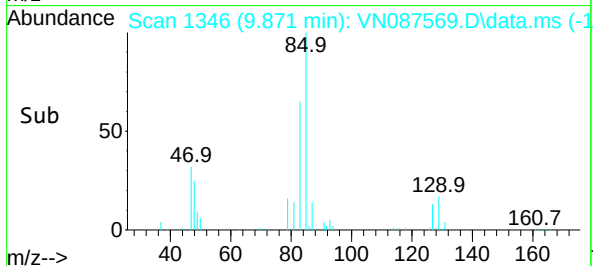
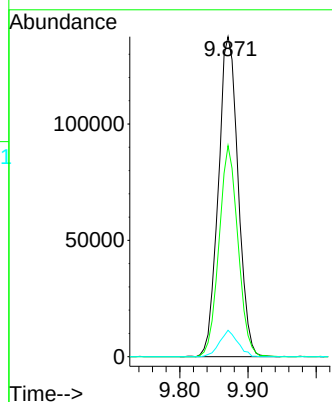
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	83	Resp:	277559
Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.4	75.6
127	8.3	5.8	8.8



#48

Methyl methacrylate

Concen: 57.875 ug/l

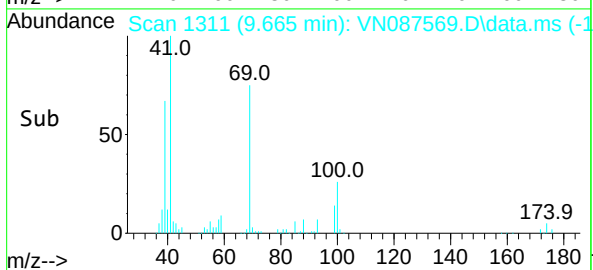
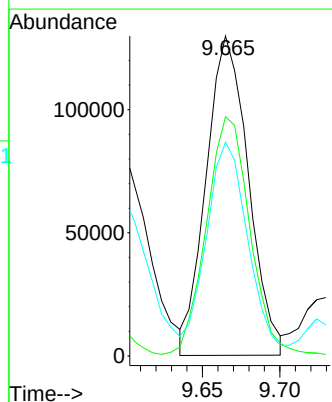
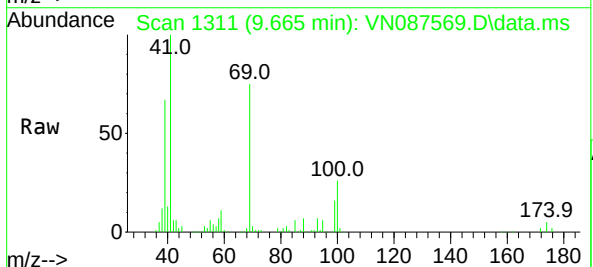
RT: 9.665 min Scan# 1311

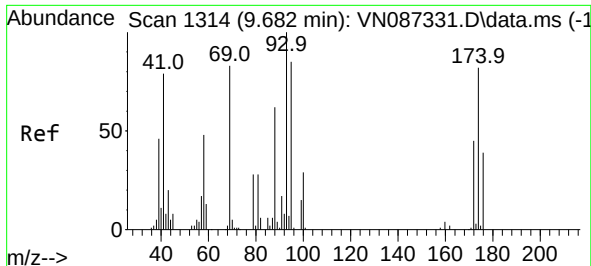
Delta R.T. 0.000 min

Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

Tgt Ion:	41	Resp:	245497
Ion	Ratio	Lower	Upper
41	100		
69	77.6	64.1	96.1
39	65.8	45.5	68.3





#49

1,4-Dioxane

Concen: 1075.274 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

Instrument :

MSVOA_N

ClientSampleId :

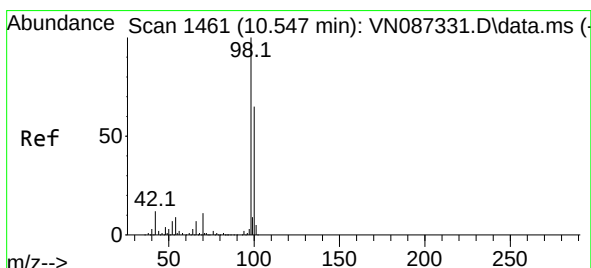
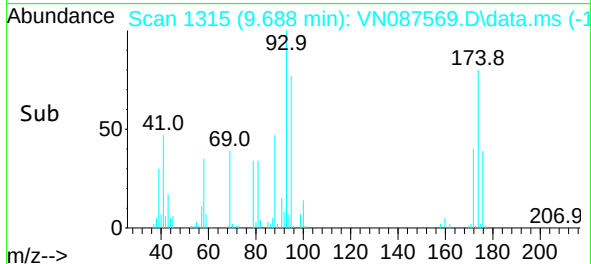
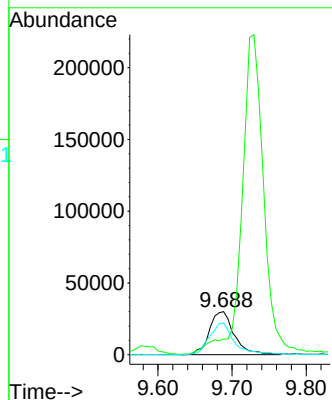
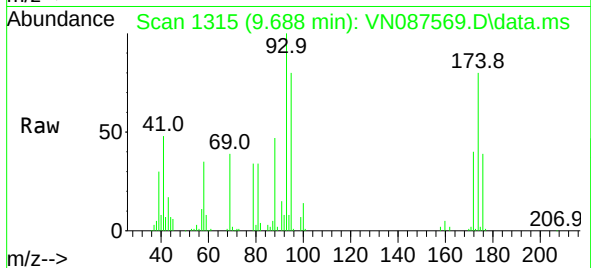
Tgt Ion: 88 Resp: 69859

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 73.7 61.1 91.7



#50

Toluene-d8

Concen: 47.883 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087569.D

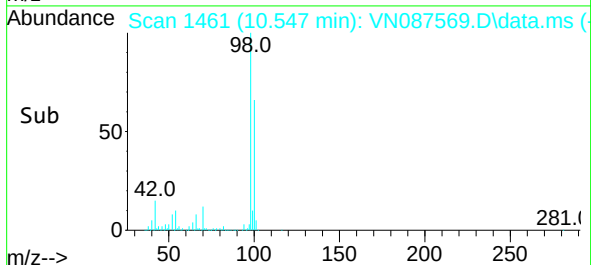
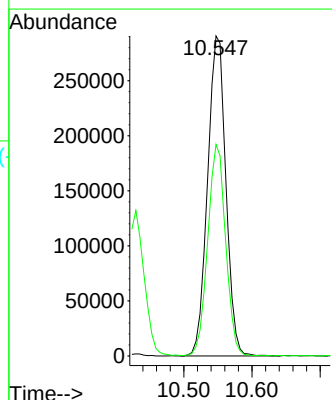
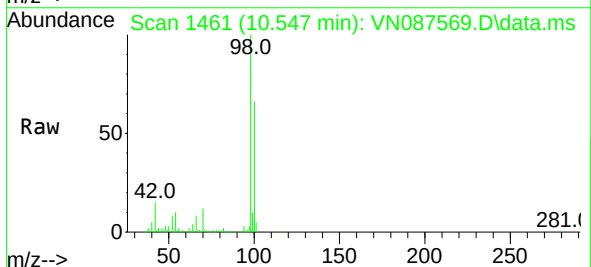
Acq: 14 Aug 2025 16:27

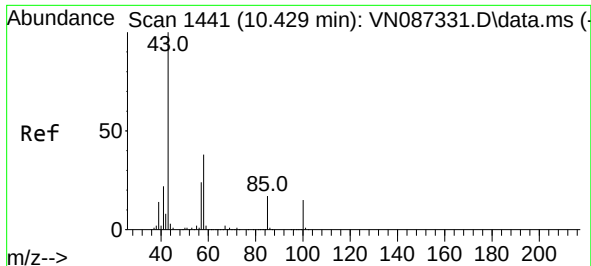
Tgt Ion: 98 Resp: 543343

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1

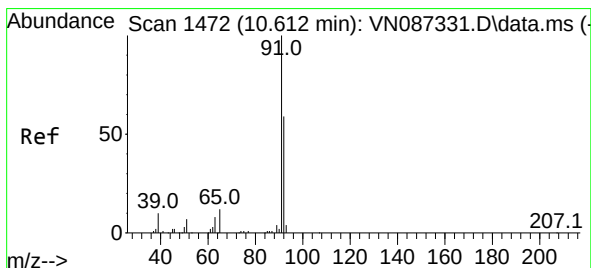
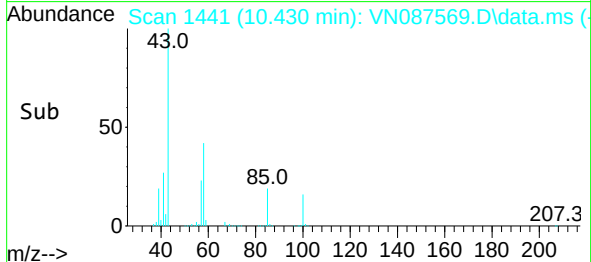
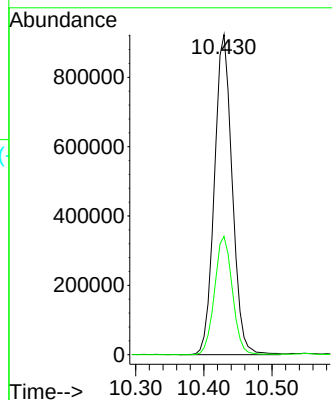
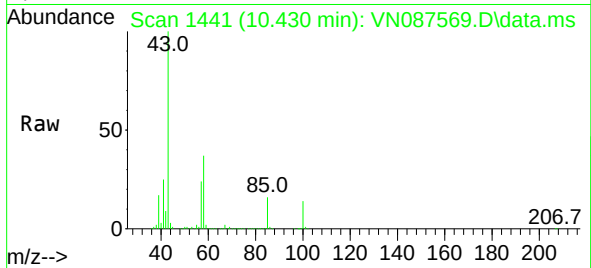




#51
4-Methyl-2-Pentanone
Concen: 281.447 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.001 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

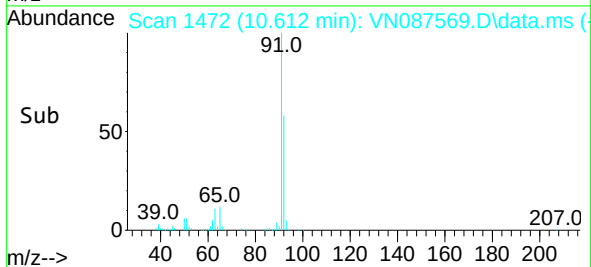
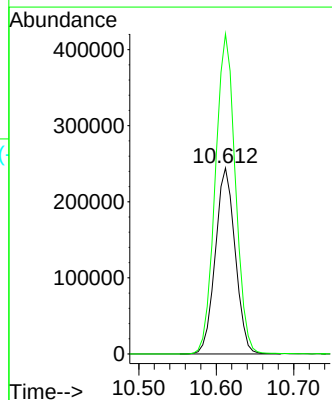
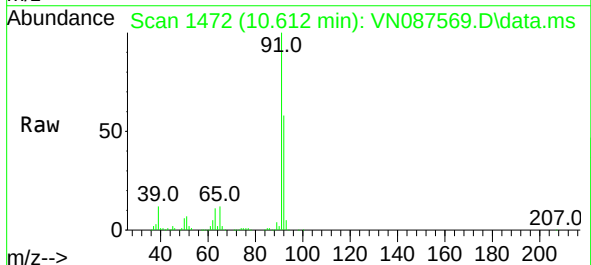
Instrument :
MSVOA_N
ClientSampleId :

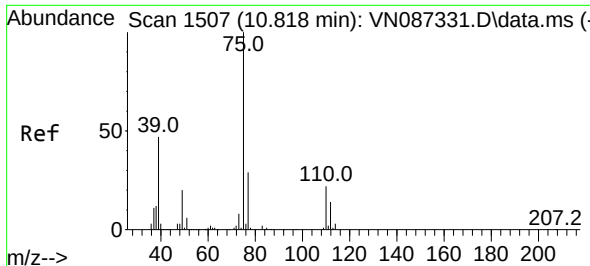
Tgt Ion: 43 Resp: 1677266
Ion Ratio Lower Upper
43 100
58 37.1 30.8 46.2



#52
Toluene
Concen: 52.770 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Tgt Ion: 92 Resp: 435684
Ion Ratio Lower Upper
92 100
91 174.1 135.1 202.7

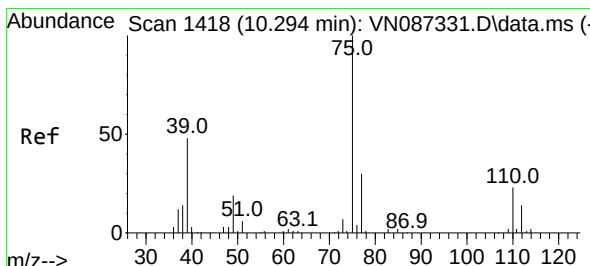
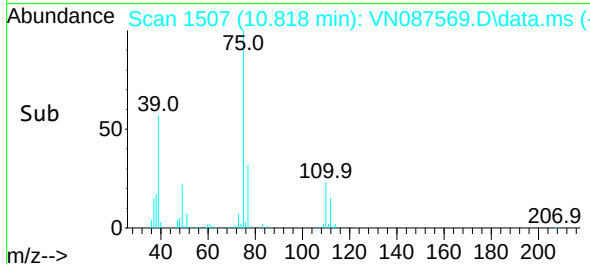
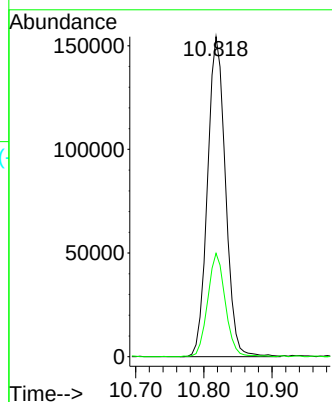
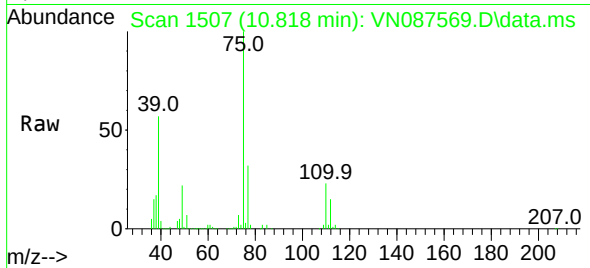




#53
 t-1,3-Dichloropropene
 Concen: 53.765 ug/l
 RT: 10.818 min Scan# 1507
 Delta R.T. -0.000 min
 Lab File: VN087569.D
 Acq: 14 Aug 2025 16:27

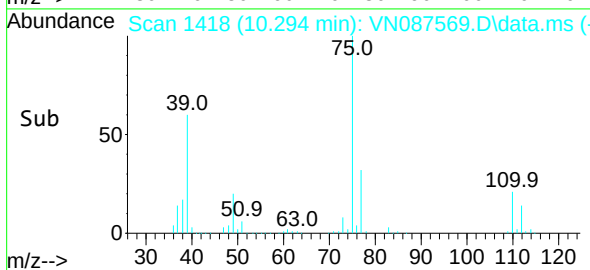
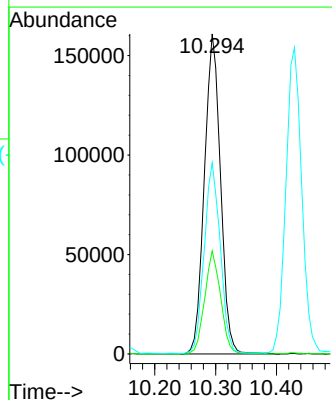
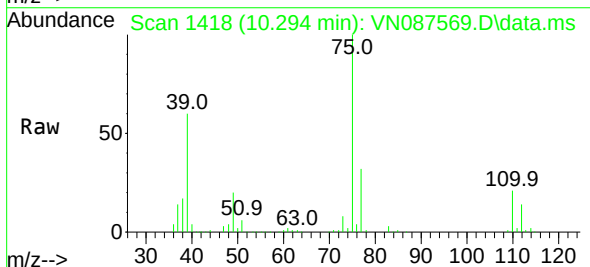
Instrument :
 MSVOA_N
 ClientSampleId :

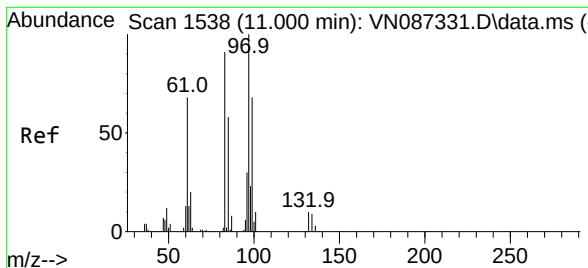
Tgt Ion: 75 Resp: 283224
 Ion Ratio Lower Upper
 75 100
 77 32.3 23.6 35.4



#54
 cis-1,3-Dichloropropene
 Concen: 54.416 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087569.D
 Acq: 14 Aug 2025 16:27

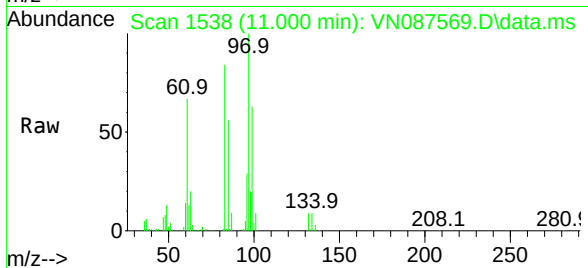
Tgt Ion: 75 Resp: 296099
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.2 36.2
 39 59.6 38.4 57.6#





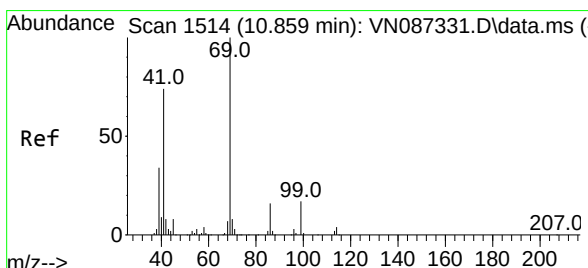
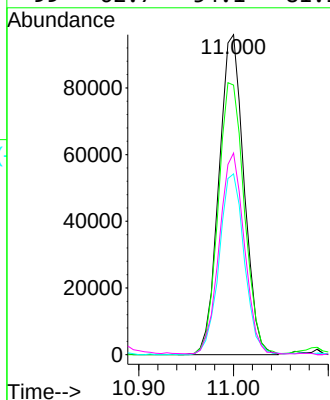
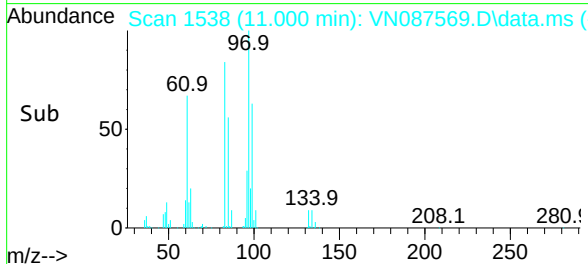
#55
1,1,2-Trichloroethane
Concen: 52.770 ug/l
RT: 11.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Instrument :
MSVOA_N
ClientSampleId :

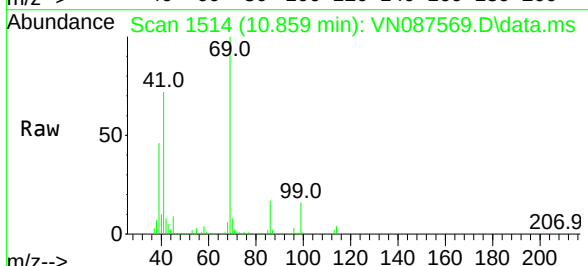


Tgt Ion: 97 Resp: 176388

Ion	Ratio	Lower	Upper
97	100		
83	84.2	72.6	109.0
85	56.5	46.7	70.1
99	62.7	54.1	81.1

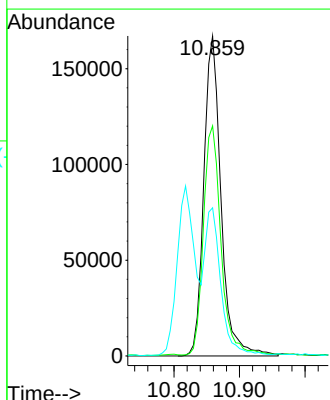
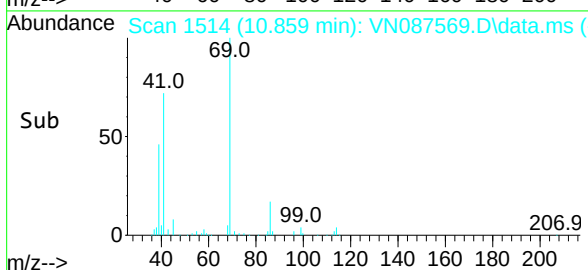


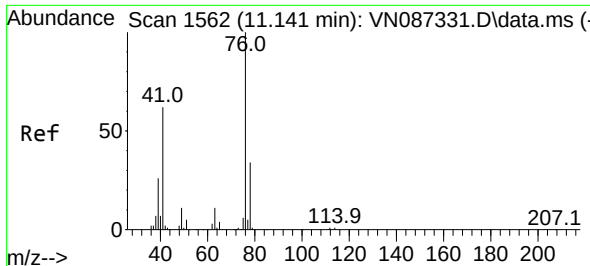
#56
Ethyl methacrylate
Concen: 54.213 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27



Tgt Ion: 69 Resp: 305796

Ion	Ratio	Lower	Upper
69	100		
41	73.1	55.1	82.7
39	41.9	27.9	41.9





#57

1,3-Dichloropropane

Concen: 54.186 ug/l

RT: 11.147 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

Instrument :

MSVOA_N

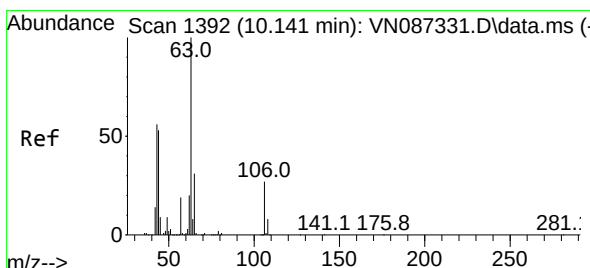
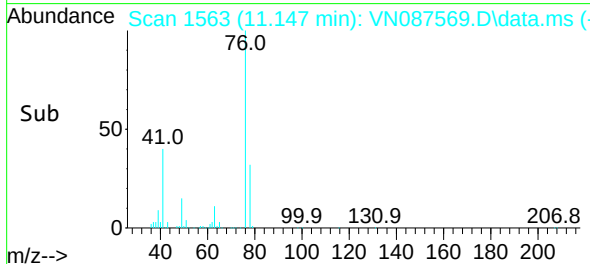
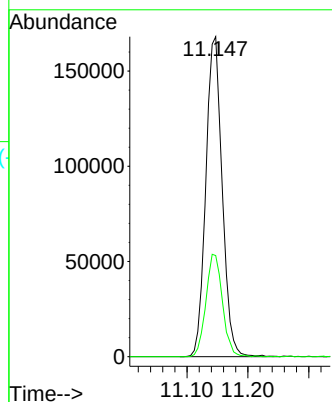
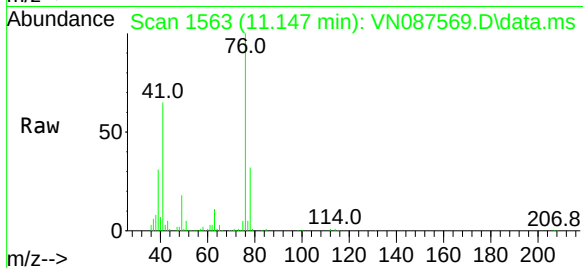
ClientSampleId :

Tgt Ion: 76 Resp: 313150

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 213.042 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087569.D

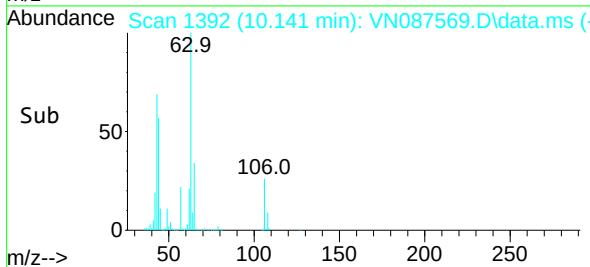
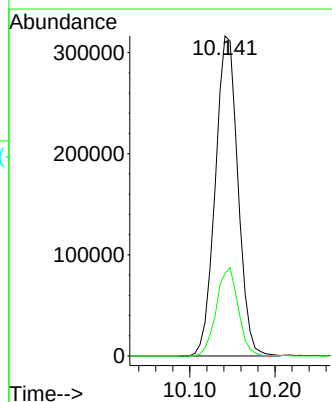
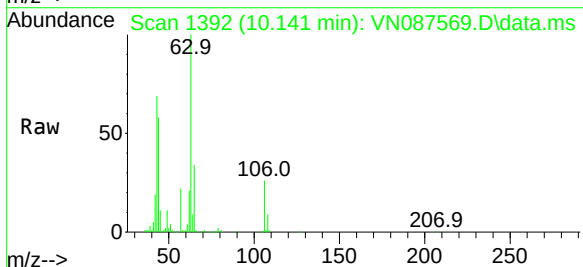
Acq: 14 Aug 2025 16:27

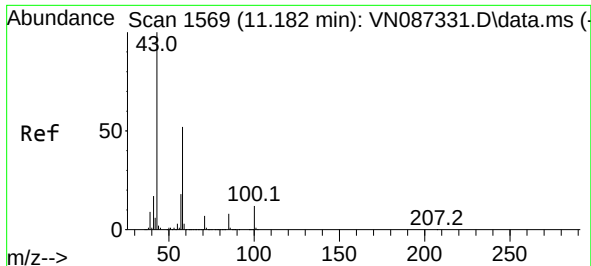
Tgt Ion: 63 Resp: 584151

Ion Ratio Lower Upper

63 100

106 26.7 21.7 32.5

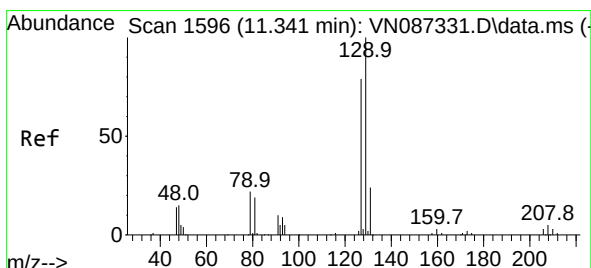
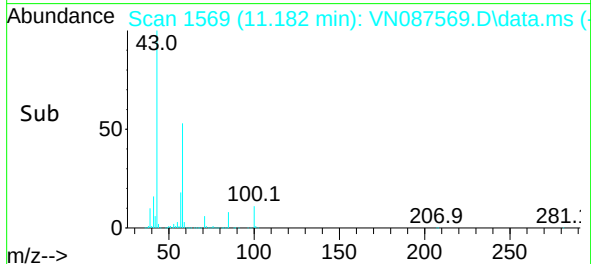
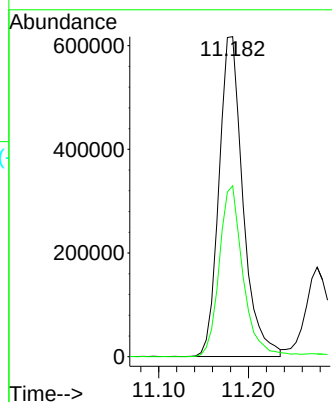
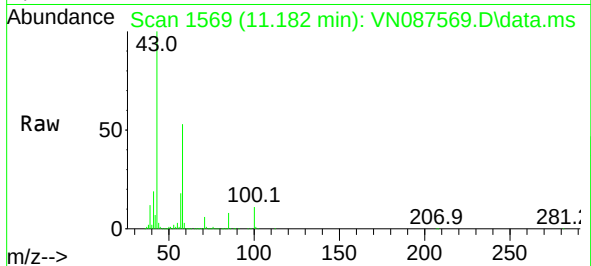




#59
2-Hexanone
Concen: 290.068 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

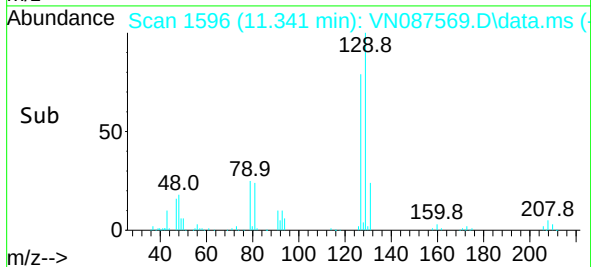
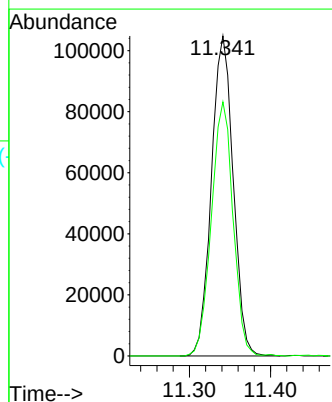
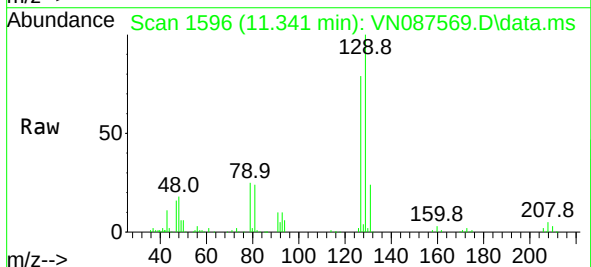
Instrument :
MSVOA_N
ClientSampleId :

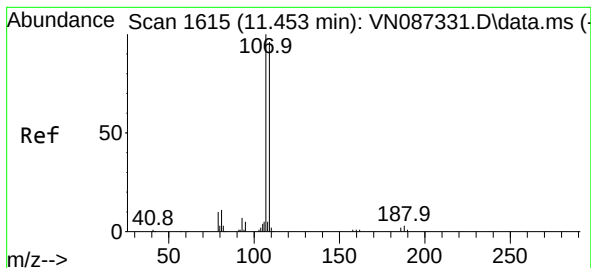
Tgt Ion: 43 Resp: 1146887
Ion Ratio Lower Upper
43 100
58 53.1 26.7 80.0



#60
Dibromochloromethane
Concen: 51.209 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Tgt Ion:129 Resp: 195208
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.5

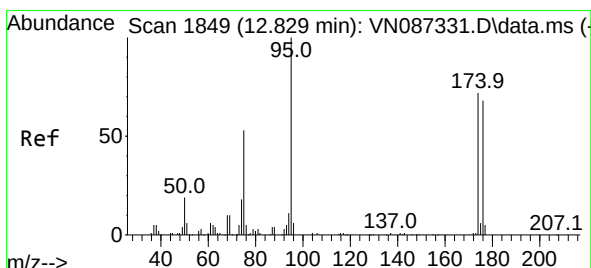
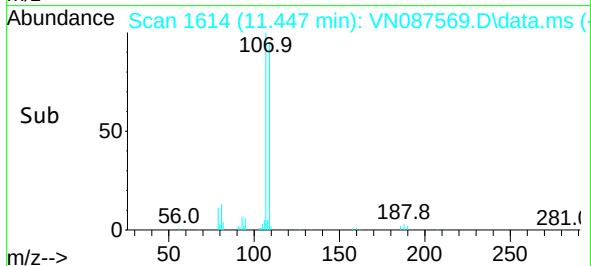
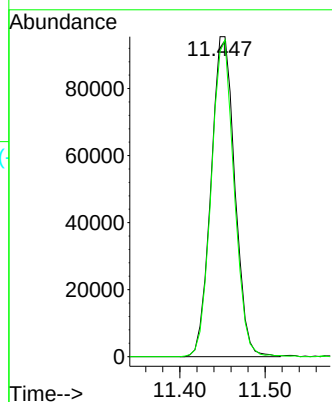
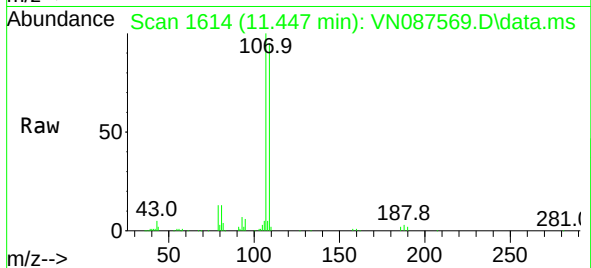




#61
1,2-Dibromoethane
Concen: 52.680 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

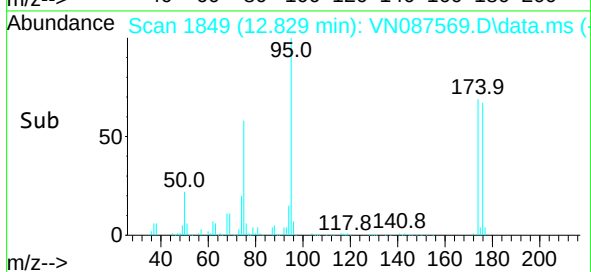
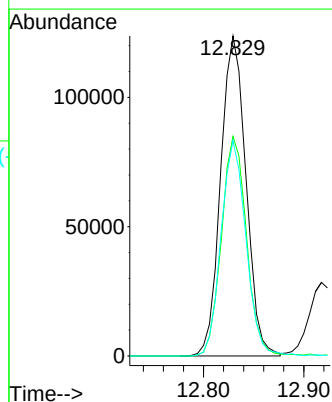
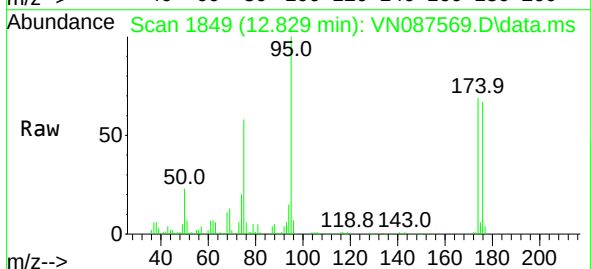
Instrument :
MSVOA_N
ClientSampleId :

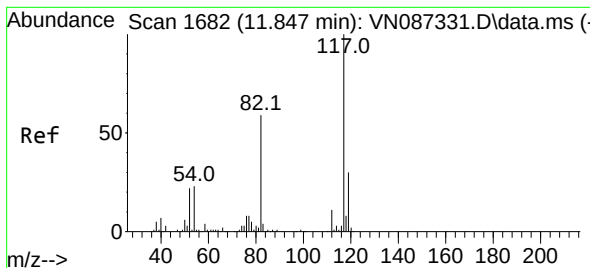
Tgt Ion:107 Resp: 185145
Ion Ratio Lower Upper
107 100
109 95.1 77.5 116.3



#62
4-Bromofluorobenzene
Concen: 51.737 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Tgt Ion: 95 Resp: 216897
Ion Ratio Lower Upper
95 100
174 67.8 0.0 149.4
176 66.2 0.0 141.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.000 min

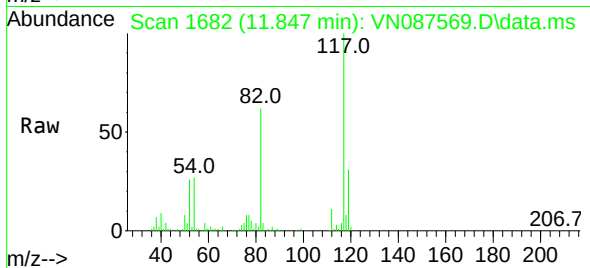
Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

Instrument :

MSVOA_N

ClientSampleId :



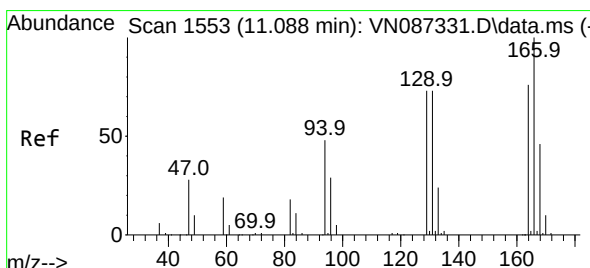
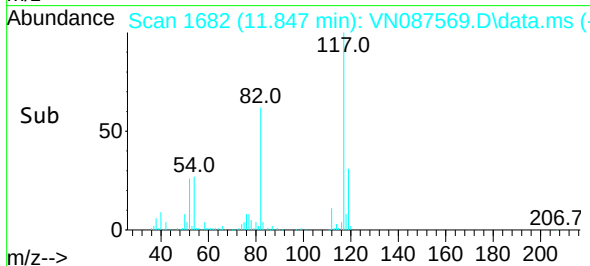
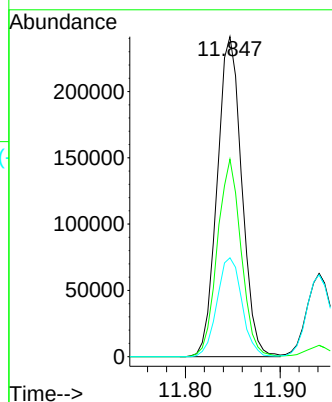
Tgt Ion:117 Resp: 435202

Ion Ratio Lower Upper

117 100

82 61.7 47.4 71.2

119 30.9 23.8 35.8



#64

Tetrachloroethene

Concen: 43.011 ug/l

RT: 11.088 min Scan# 1553

Delta R.T. 0.000 min

Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

Tgt Ion:164 Resp: 120472

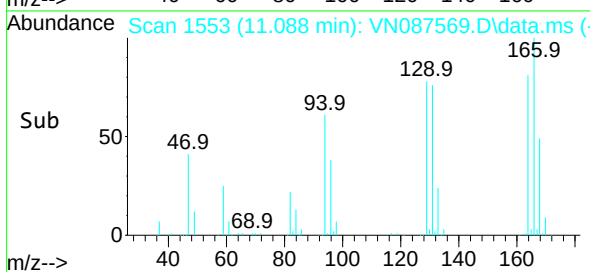
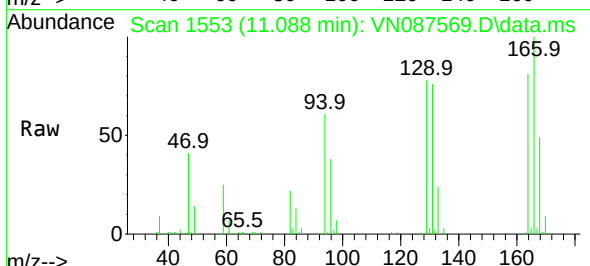
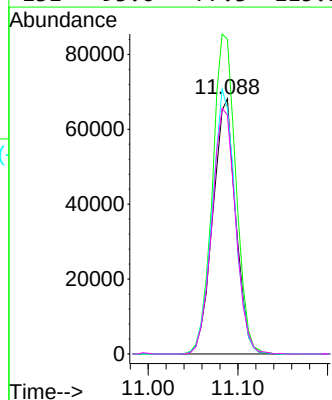
Ion Ratio Lower Upper

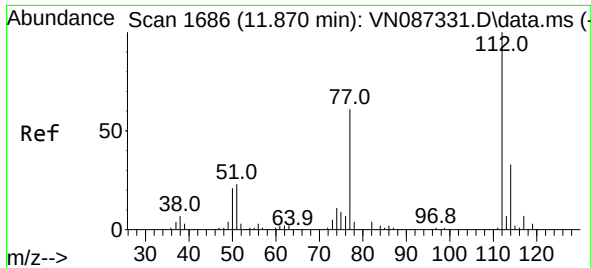
164 100

166 123.4 105.5 158.3

129 96.3 77.4 116.2

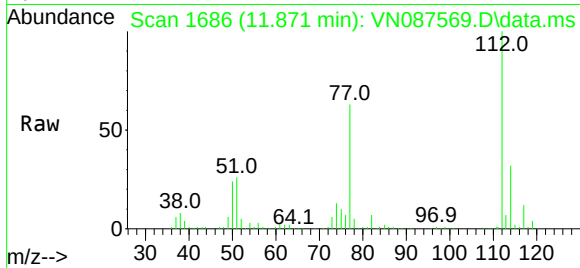
131 93.6 77.3 115.9



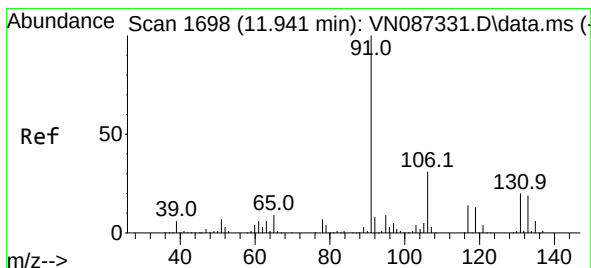
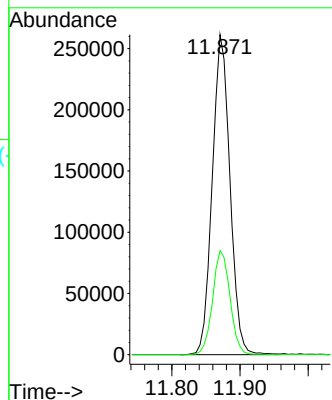
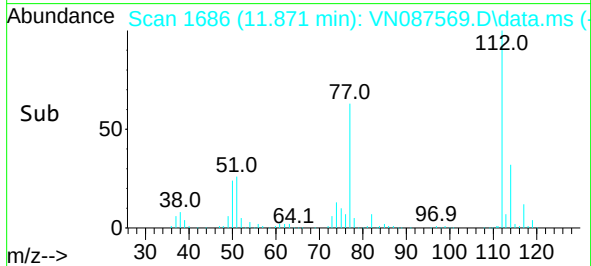


#65
Chlorobenzene
Concen: 48.382 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Instrument :
MSVOA_N
ClientSampleId :

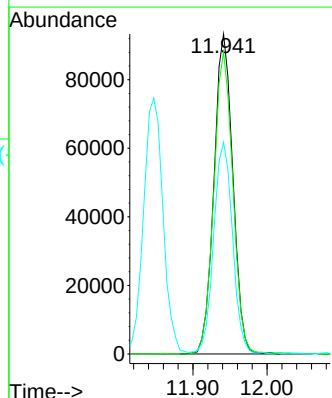
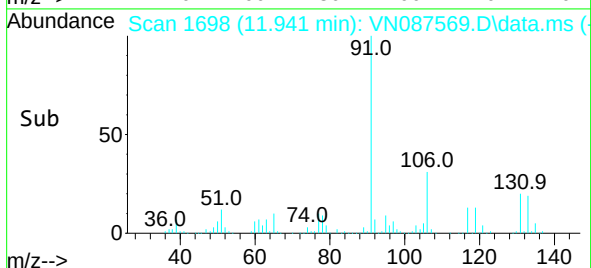
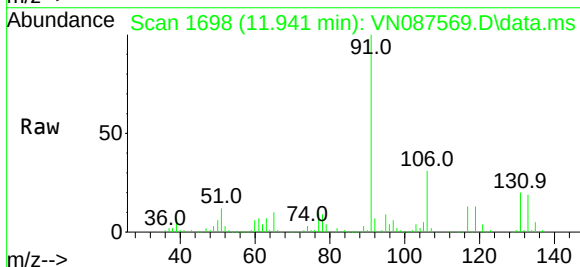


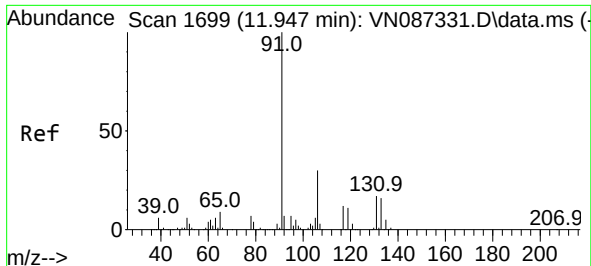
Tgt Ion:112 Resp: 472723
Ion Ratio Lower Upper
112 100
114 32.5 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.672 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Tgt Ion:131 Resp: 165027
Ion Ratio Lower Upper
131 100
133 95.2 47.4 142.3
119 66.5 33.1 99.2

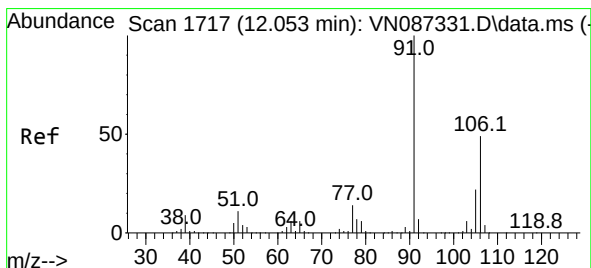
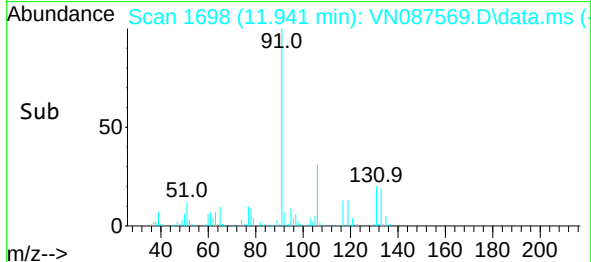
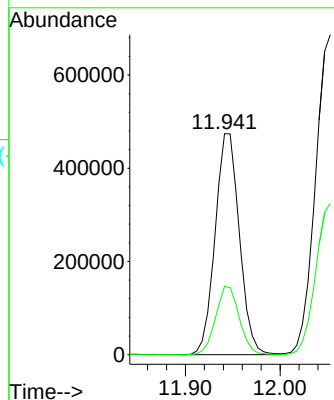
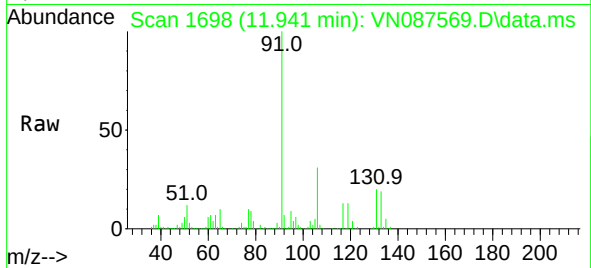




#67
Ethyl Benzene
Concen: 52.514 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

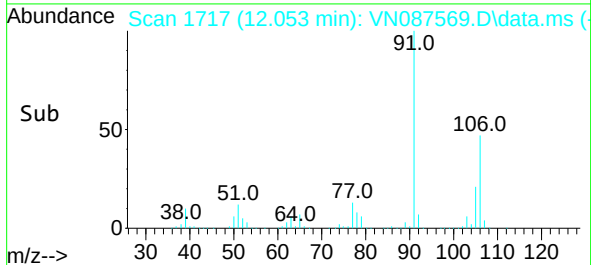
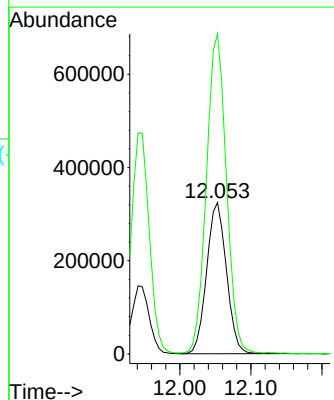
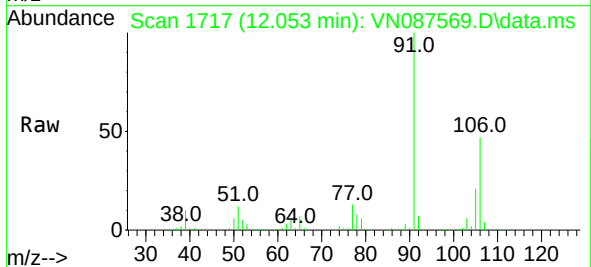
Instrument :
MSVOA_N
ClientSampleId :

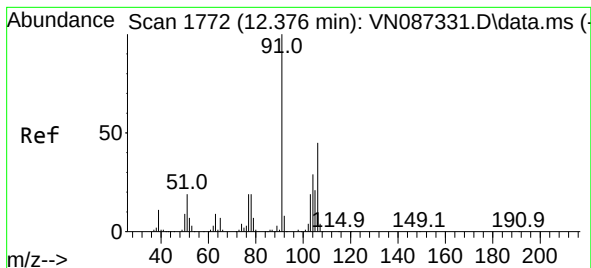
Tgt Ion: 91 Resp: 844688
Ion Ratio Lower Upper
91 100
106 30.8 24.3 36.5



#68
m/p-Xylenes
Concen: 104.251 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Tgt Ion: 106 Resp: 627919
Ion Ratio Lower Upper
106 100
91 212.8 162.0 243.0





#69

o-Xylene

Concen: 53.449 ug/l

RT: 12.376 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

Instrument :

MSVOA_N

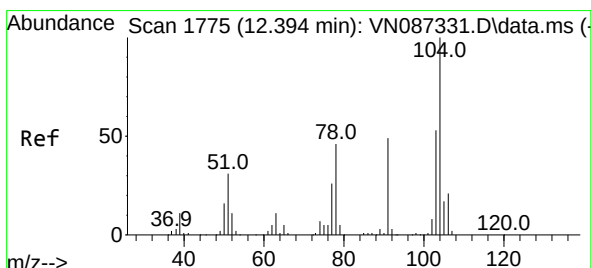
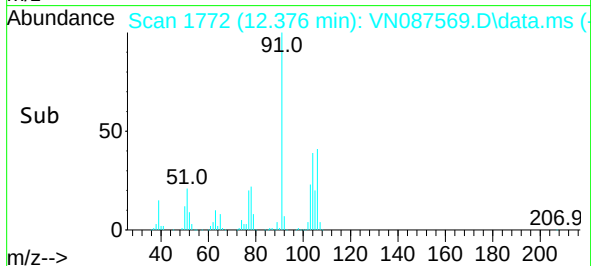
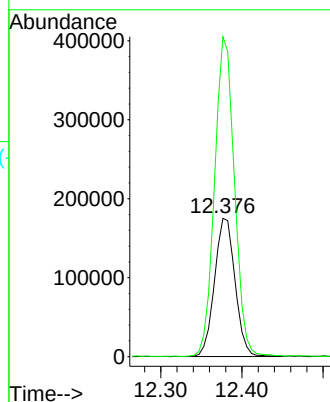
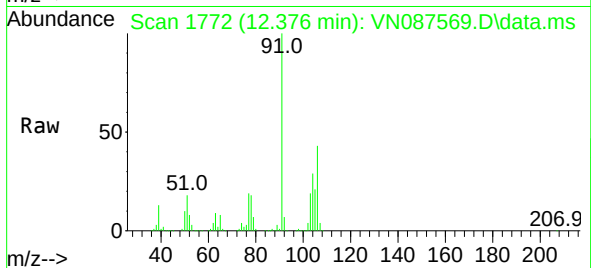
ClientSampleId :

Tgt Ion:106 Resp: 307518

Ion Ratio Lower Upper

106 100

91 224.3 107.7 323.3



#70

Styrene

Concen: 55.741 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

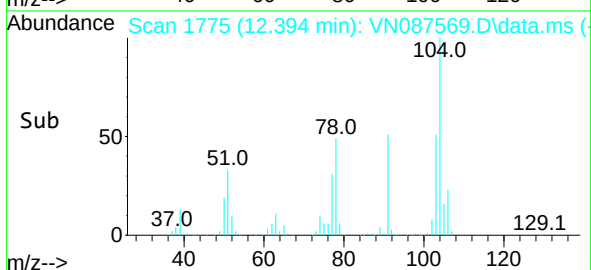
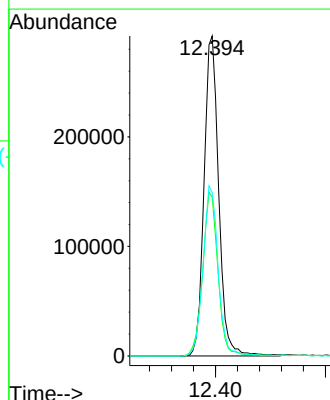
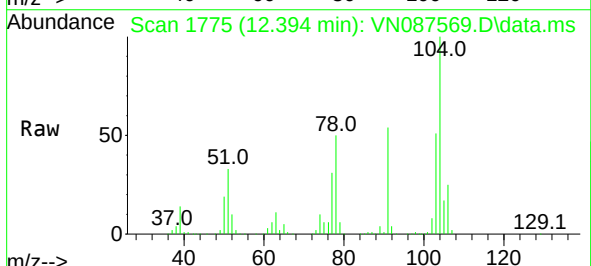
Tgt Ion:104 Resp: 539497

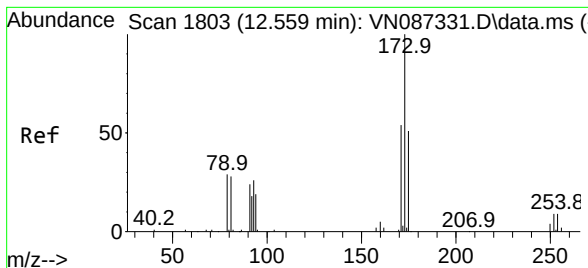
Ion Ratio Lower Upper

104 100

78 53.4 41.0 61.6

103 55.2 43.9 65.9





#71

Bromoform

Concen: 48.082 ug/l

RT: 12.559 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

Instrument :

MSVOA_N

ClientSampleId :

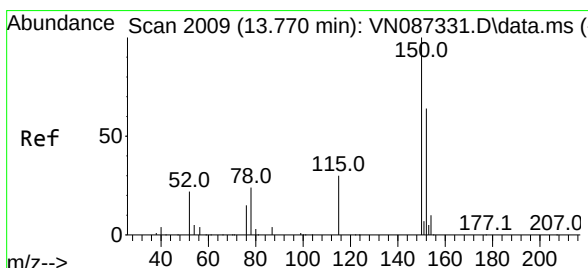
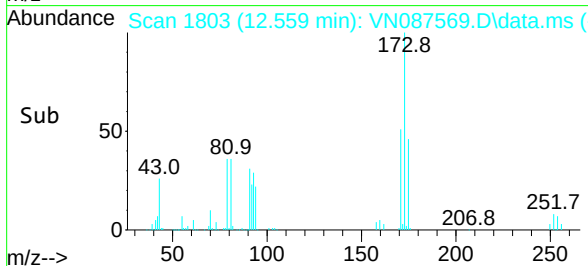
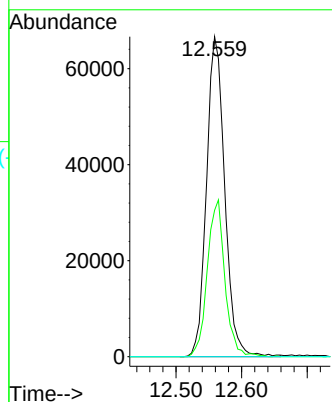
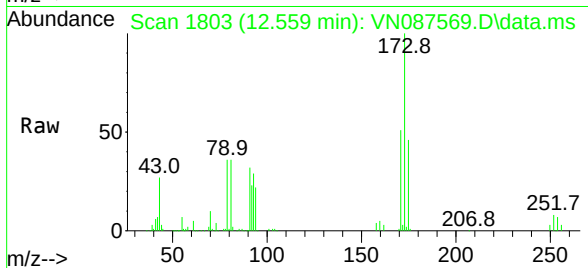
Tgt Ion:173 Resp: 129055

Ion Ratio Lower Upper

173 100

175 47.3 24.1 72.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

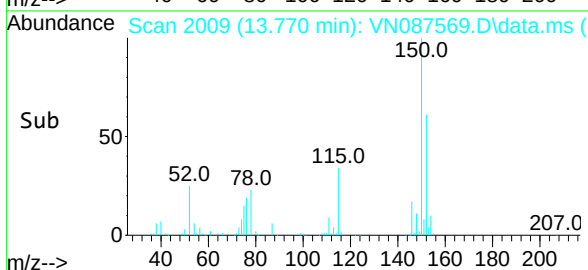
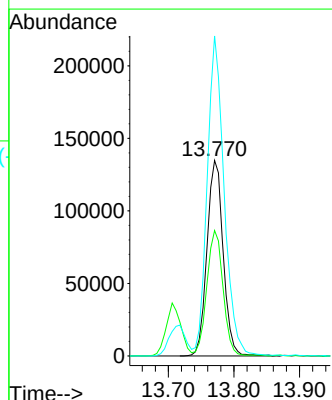
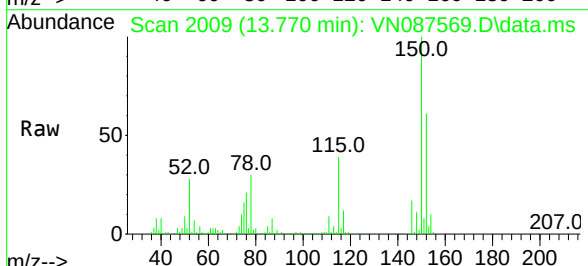
Tgt Ion:152 Resp: 231778

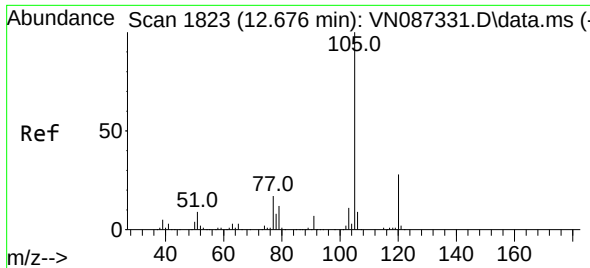
Ion Ratio Lower Upper

152 100

115 64.6 31.1 93.5

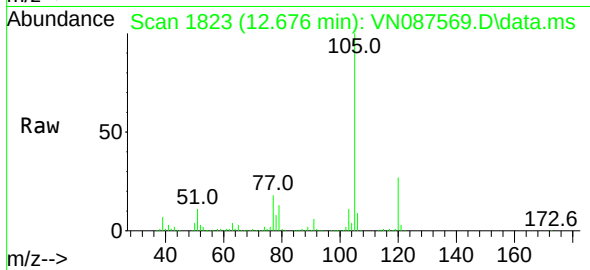
150 170.8 0.0 349.0



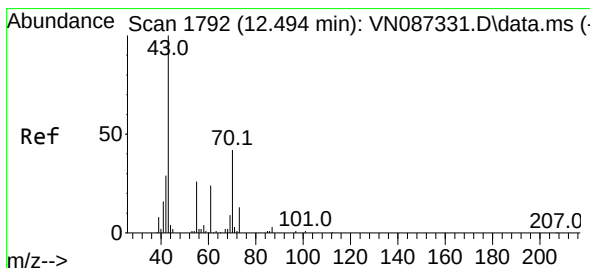
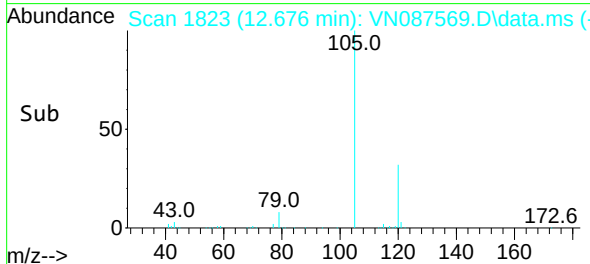
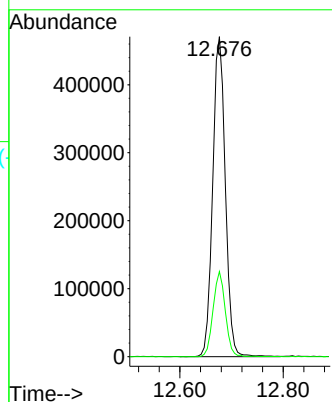


#73
Isopropylbenzene
Concen: 54.677 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Instrument :
MSVOA_N
ClientSampleId :

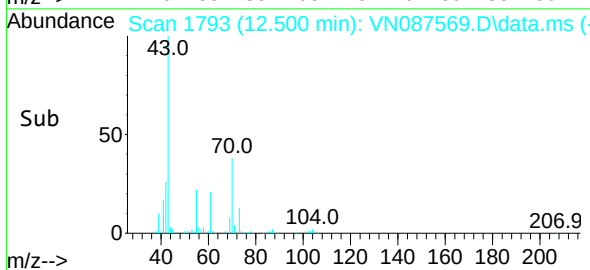
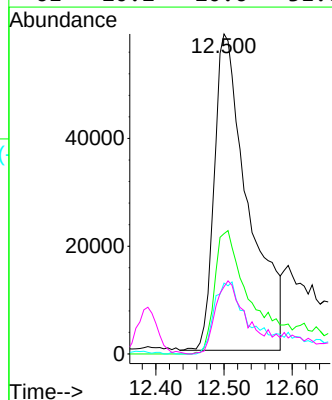
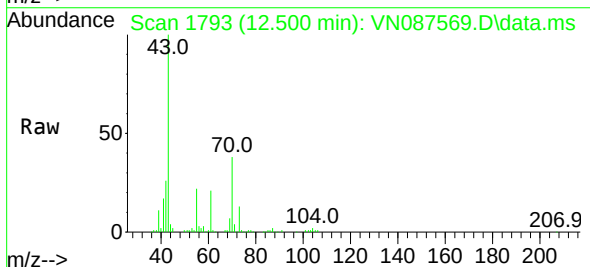


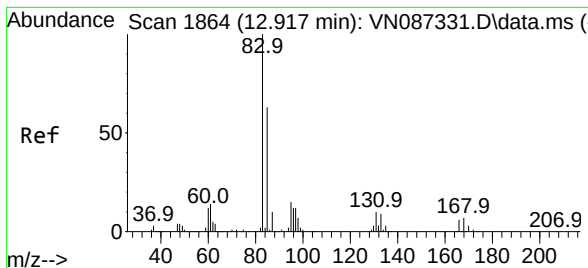
Tgt Ion:105 Resp: 797605
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1



#74
N-ethyl acetate
Concen: 33.679 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Tgt Ion: 43 Resp: 204124
Ion Ratio Lower Upper
43 100
70 42.1 37.6 56.4
55 22.5 19.6 29.4
61 20.2 20.6 31.0#

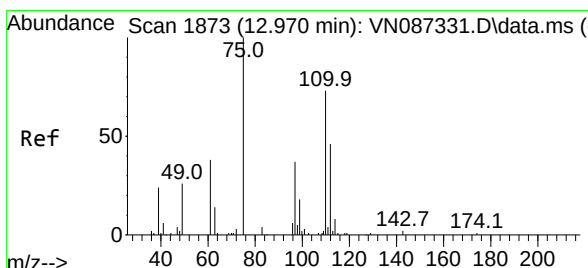
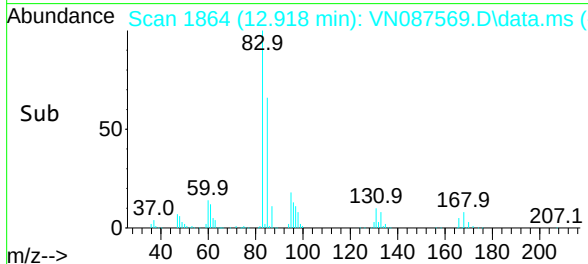
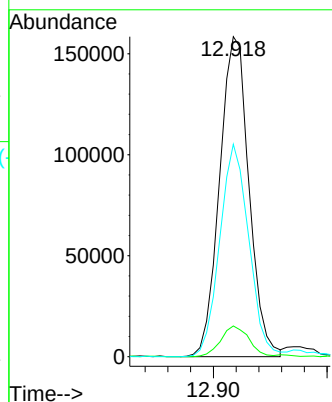
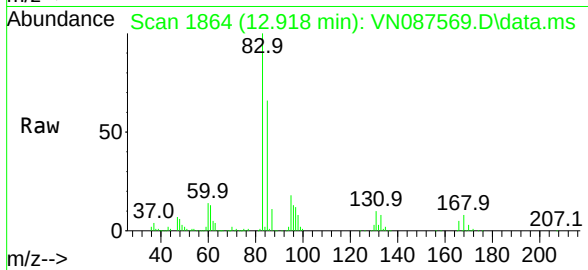




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.946 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087569.D
 Acq: 14 Aug 2025 16:27

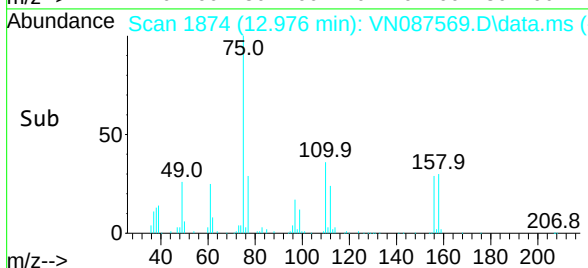
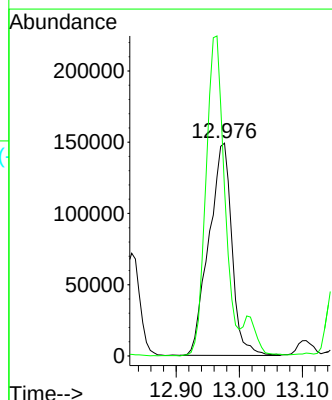
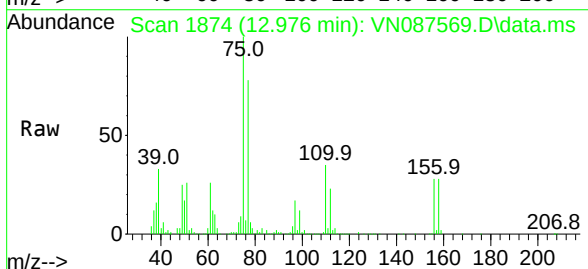
Instrument :
 MSVOA_N
 ClientSampleId :

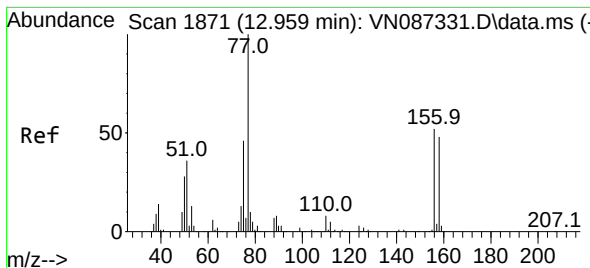
Tgt Ion: 83 Resp: 285137
 Ion Ratio Lower Upper
 83 100
 131 9.2 5.1 15.3
 85 65.5 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 72.405 ug/l
 RT: 12.976 min Scan# 1874
 Delta R.T. 0.006 min
 Lab File: VN087569.D
 Acq: 14 Aug 2025 16:27

Tgt Ion: 75 Resp: 376320
 Ion Ratio Lower Upper
 75 100
 77 122.5 94.5 283.6





#77

Bromobenzene

Concen: 48.469 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

Instrument :

MSVOA_N

ClientSampleId :

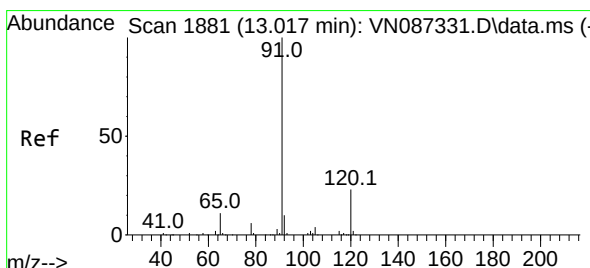
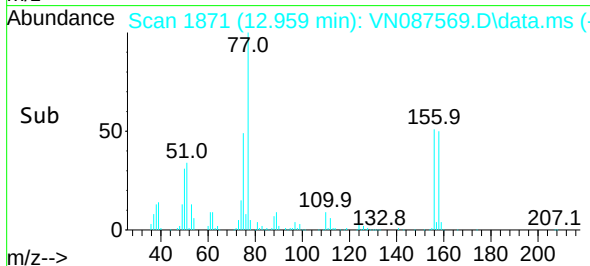
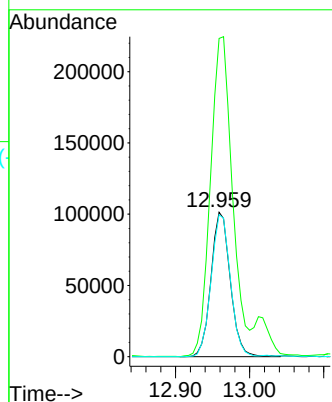
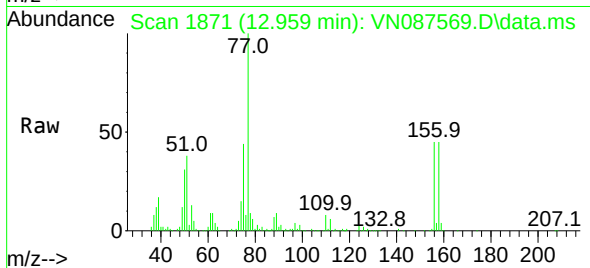
Tgt Ion:156 Resp: 183370

Ion Ratio Lower Upper

156 100

77 251.3 114.9 344.6

158 98.0 48.5 145.5



#78

n-propylbenzene

Concen: 53.982 ug/l

RT: 13.018 min Scan# 1881

Delta R.T. 0.000 min

Lab File: VN087569.D

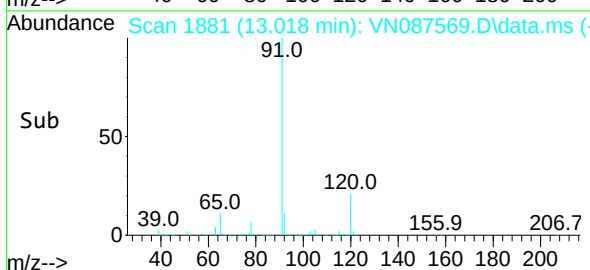
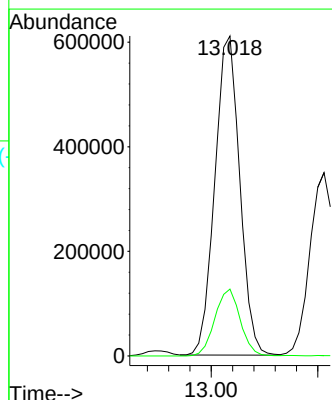
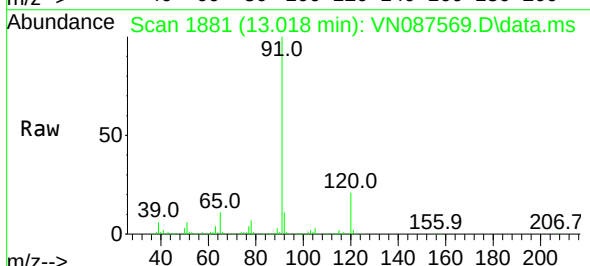
Acq: 14 Aug 2025 16:27

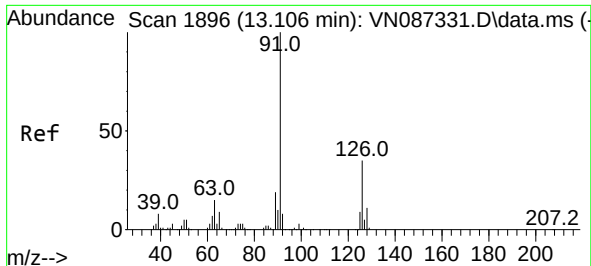
Tgt Ion: 91 Resp: 990768

Ion Ratio Lower Upper

91 100

120 21.3 11.3 33.8

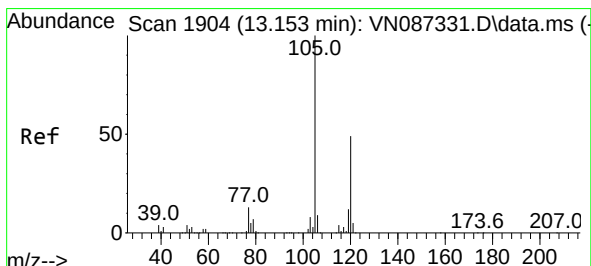
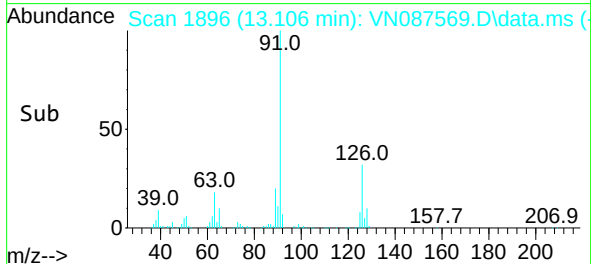
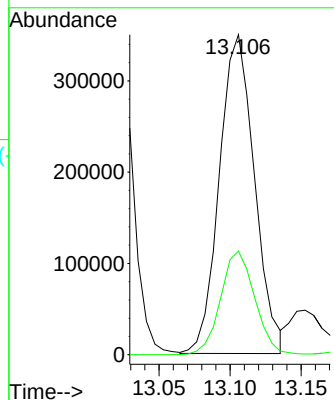
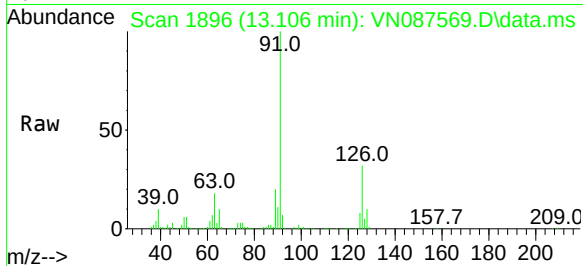




#79
2-Chlorotoluene
Concen: 53.218 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

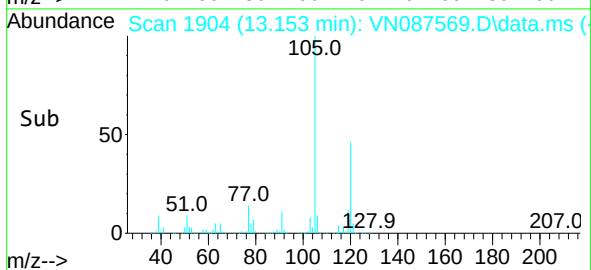
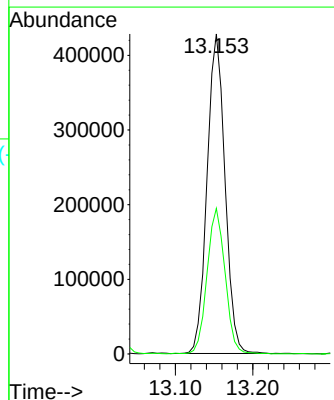
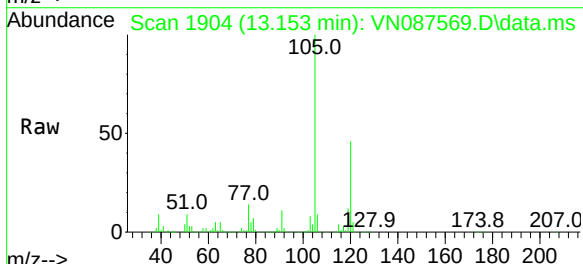
Instrument :
MSVOA_N
ClientSampleId :

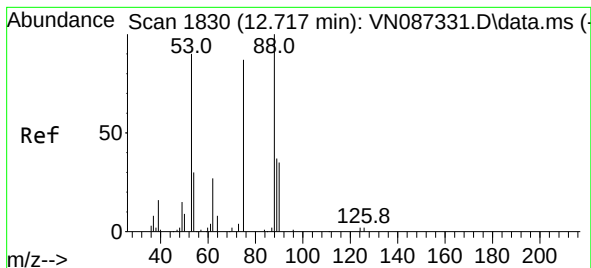
Tgt Ion: 91 Resp: 600287
Ion Ratio Lower Upper
91 100
126 31.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 55.240 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Tgt Ion: 105 Resp: 686579
Ion Ratio Lower Upper
105 100
120 45.6 24.3 72.8

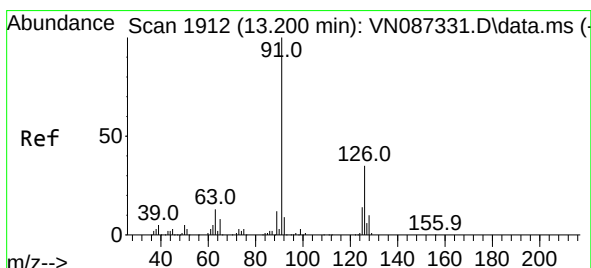
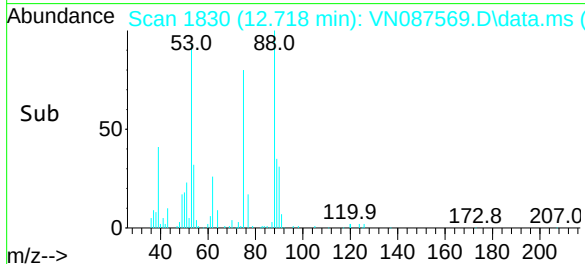
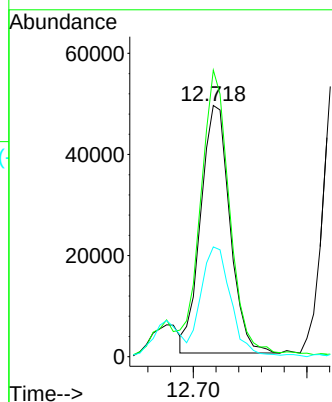
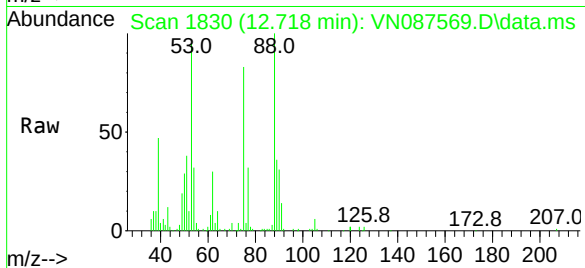




#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.950 ug/l
 RT: 12.718 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: VN087569.D
 Acq: 14 Aug 2025 16:27

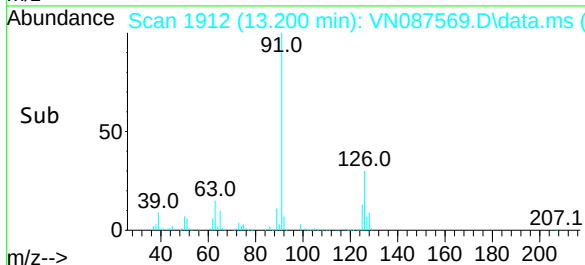
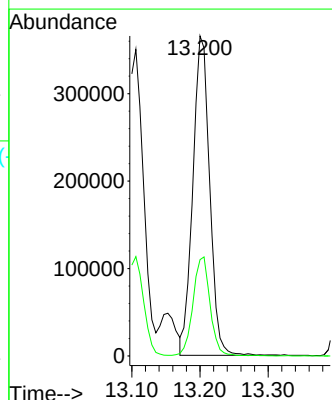
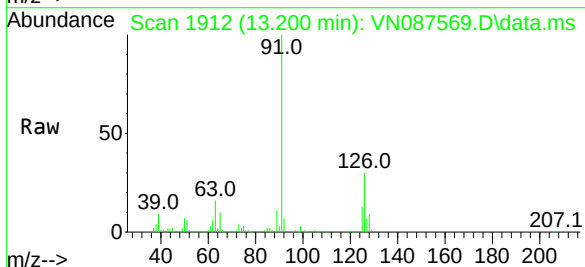
Instrument :
 MSVOA_N
 ClientSampleId :

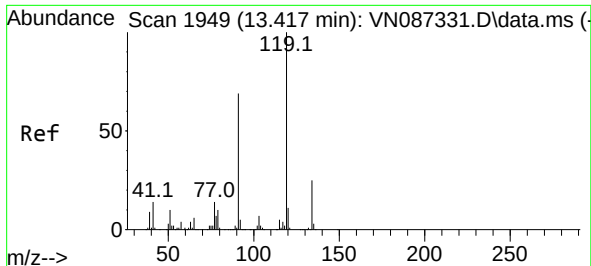
Tgt Ion: 75 Resp: 87284
 Ion Ratio Lower Upper
 75 100
 53 113.7 83.5 125.3
 89 45.2 38.4 57.6



#82
 4-Chlorotoluene
 Concen: 53.269 ug/l
 RT: 13.200 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: VN087569.D
 Acq: 14 Aug 2025 16:27

Tgt Ion: 91 Resp: 625581
 Ion Ratio Lower Upper
 91 100
 126 31.3 16.6 49.7

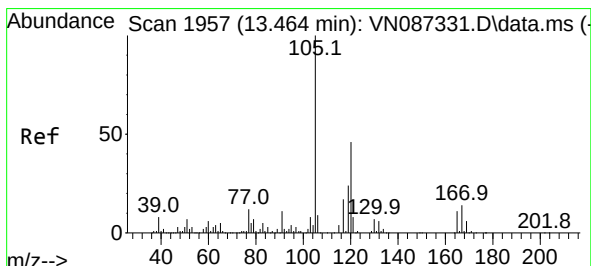
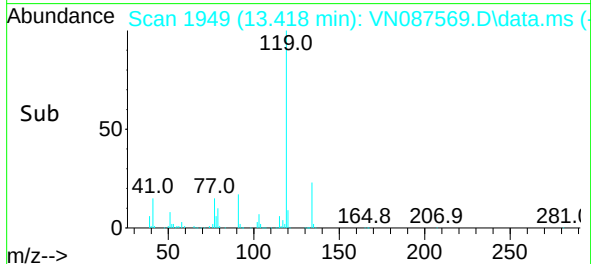
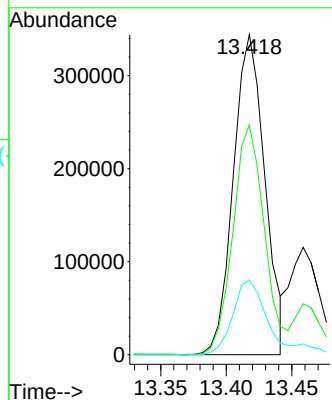
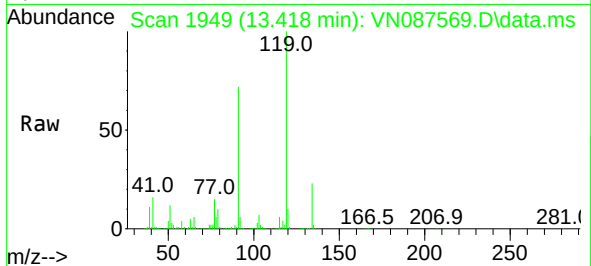




#83
 tert-Butylbenzene
 Concen: 55.497 ug/l
 RT: 13.418 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VN087569.D
 Acq: 14 Aug 2025 16:27

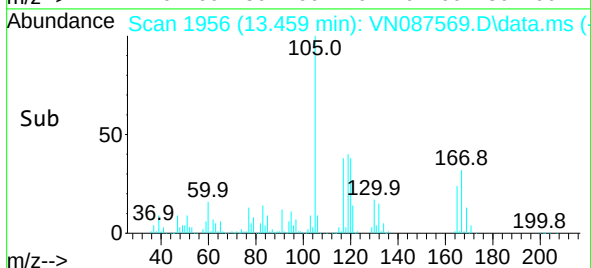
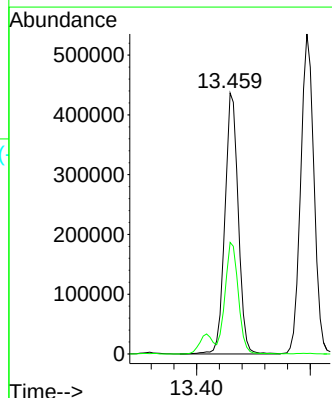
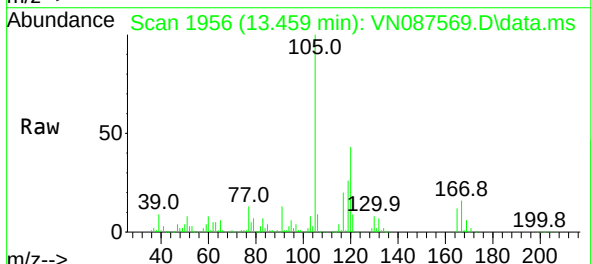
Instrument :
 MSVOA_N
 ClientSampleId :

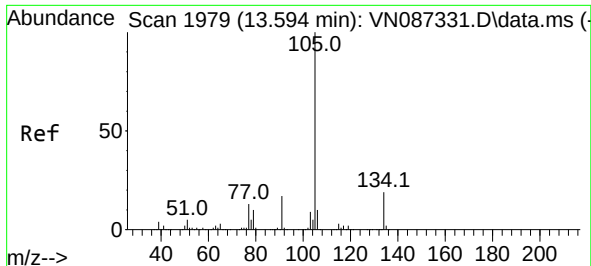
Tgt Ion:119 Resp: 576103
 Ion Ratio Lower Upper
 119 100
 91 71.9 35.0 105.1
 134 26.6 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 56.391 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: VN087569.D
 Acq: 14 Aug 2025 16:27

Tgt Ion:105 Resp: 715753
 Ion Ratio Lower Upper
 105 100
 120 42.2 22.8 68.3

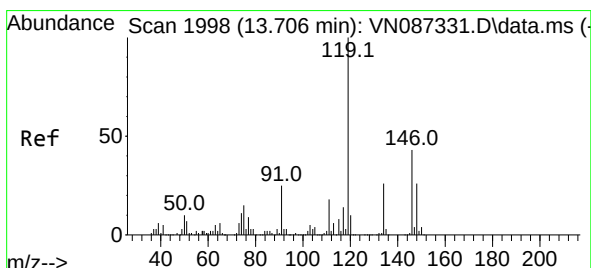
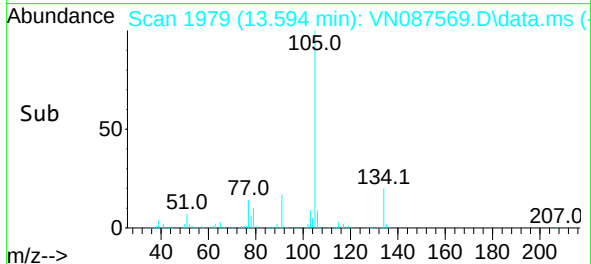
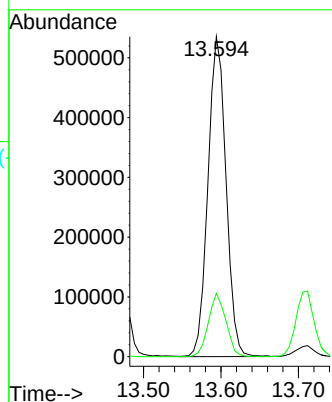
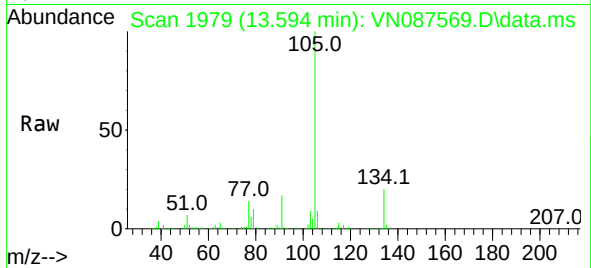




#85
 sec-Butylbenzene
 Concen: 55.396 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087569.D
 Acq: 14 Aug 2025 16:27

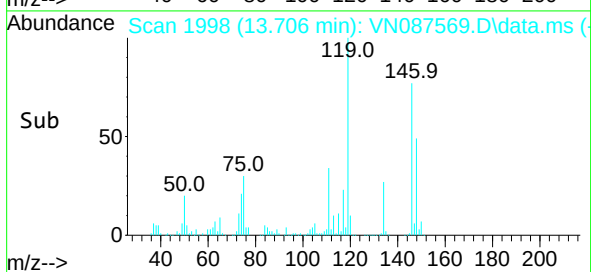
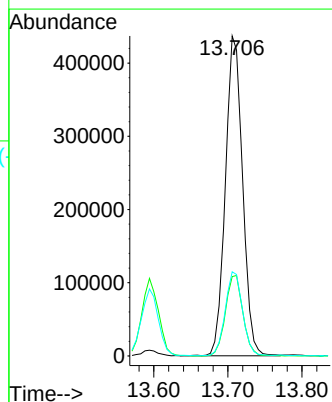
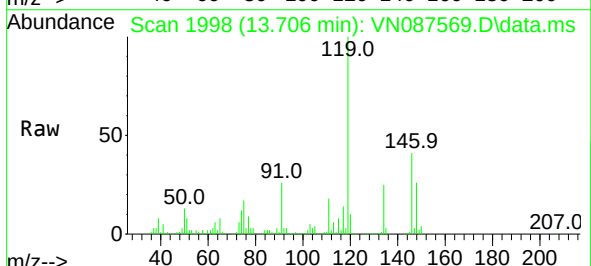
Instrument :
 MSVOA_N
 ClientSampleId :

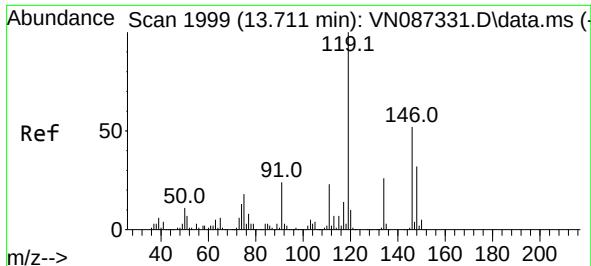
Tgt Ion:105 Resp: 866181
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 56.143 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087569.D
 Acq: 14 Aug 2025 16:27

Tgt Ion:119 Resp: 703516
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.5 40.5
 91 26.3 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 49.929 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

Instrument :

MSVOA_N

ClientSampleId :

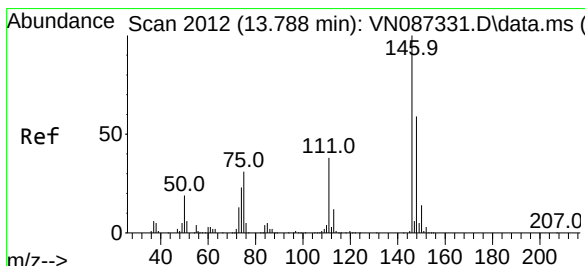
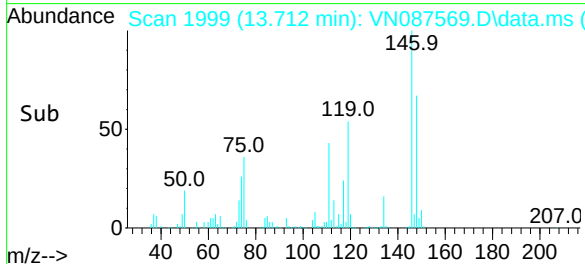
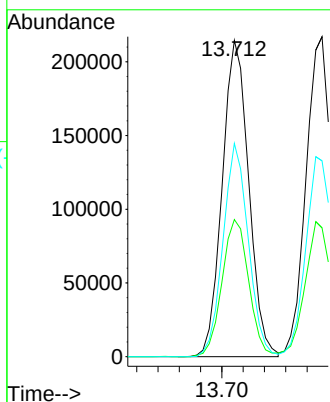
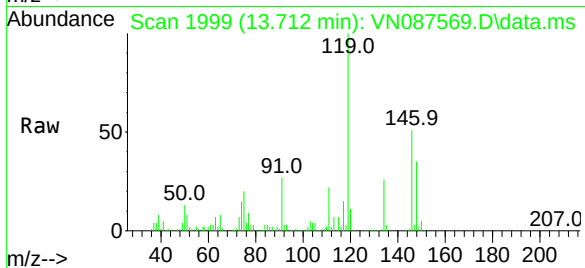
Tgt Ion:146 Resp: 370720

Ion Ratio Lower Upper

146 100

111 43.8 21.4 64.3

148 64.4 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 47.195 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

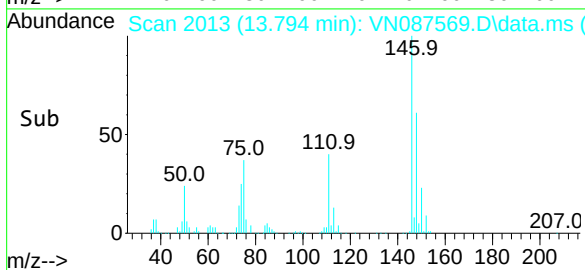
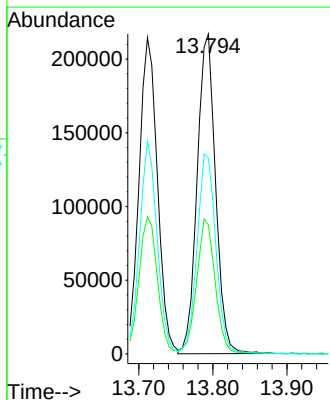
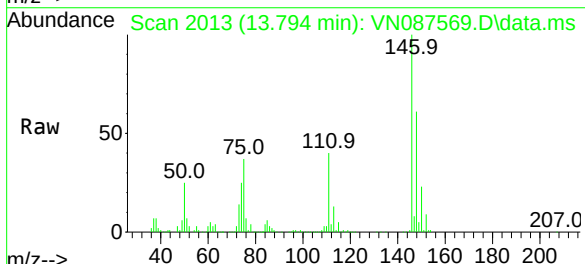
Tgt Ion:146 Resp: 374267

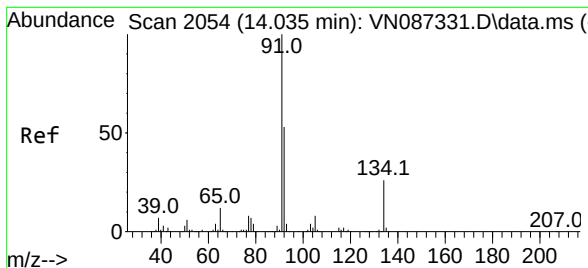
Ion Ratio Lower Upper

146 100

111 43.1 19.6 58.7

148 63.7 31.4 94.0





#89

n-Butylbenzene

Concen: 58.265 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

Instrument :

MSVOA_N

ClientSampleId :

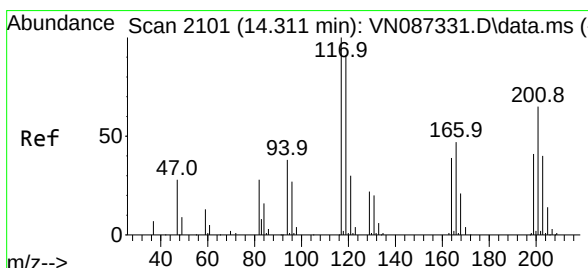
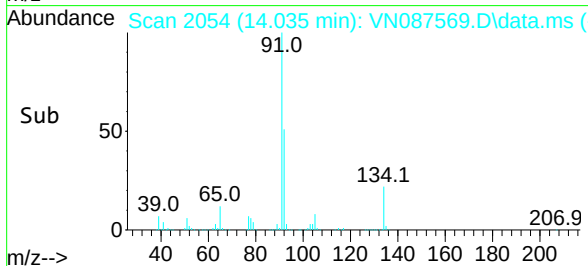
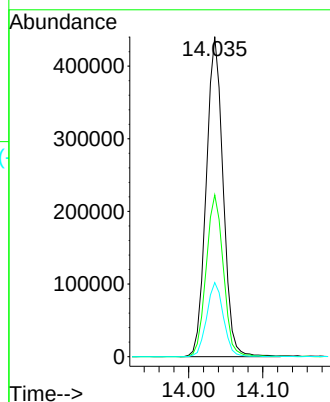
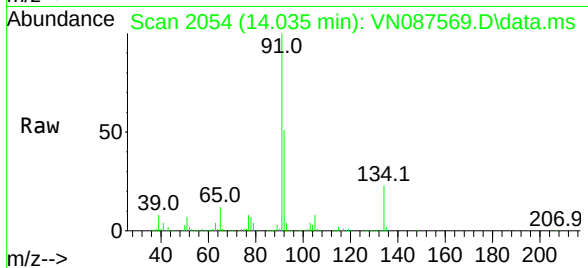
Tgt Ion: 91 Resp: 697153

Ion Ratio Lower Upper

91 100

92 51.5 26.2 78.6

134 23.1 12.4 37.2



#90

Hexachloroethane

Concen: 47.619 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087569.D

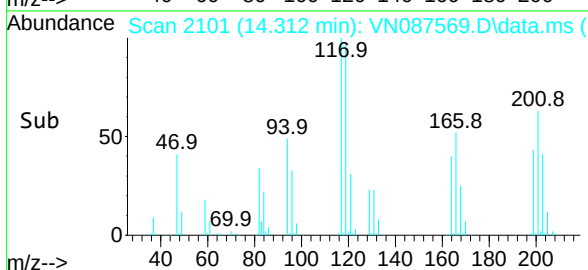
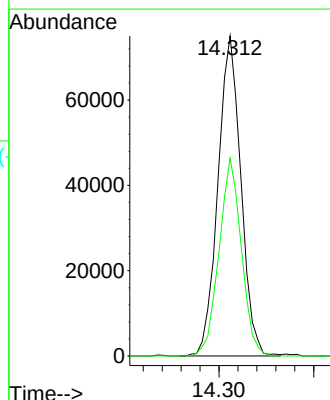
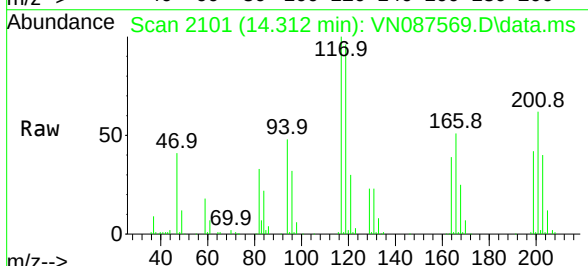
Acq: 14 Aug 2025 16:27

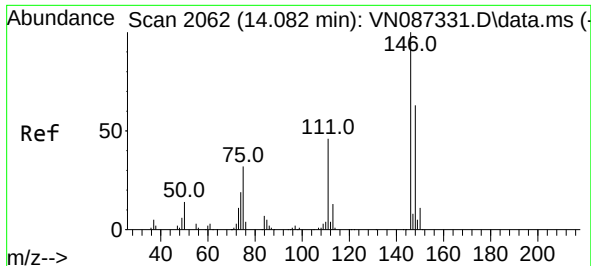
Tgt Ion: 117 Resp: 126427

Ion Ratio Lower Upper

117 100

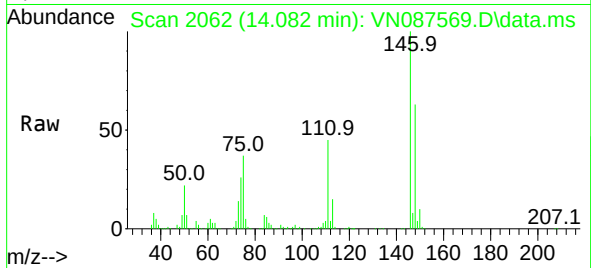
201 60.0 32.8 98.4



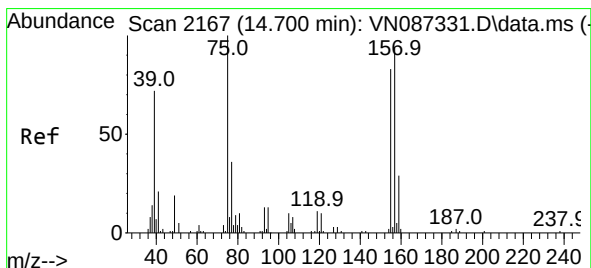
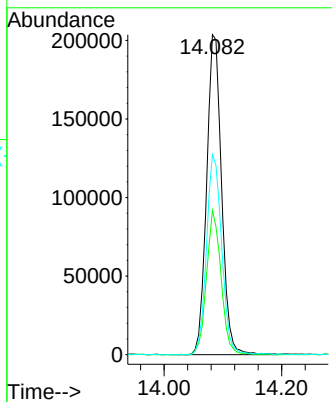
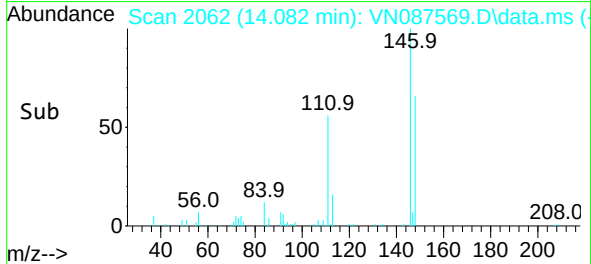


#91
1,2-Dichlorobenzene
Concen: 51.338 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Instrument :
MSVOA_N
ClientSampleId :

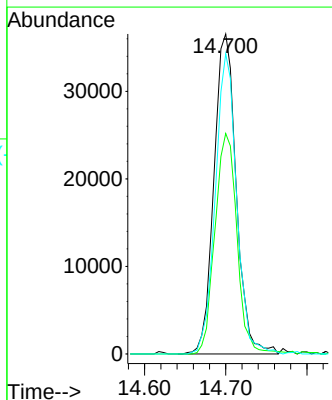
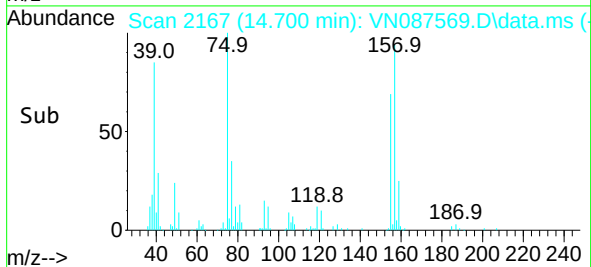
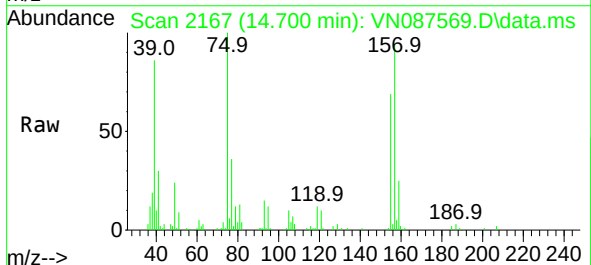


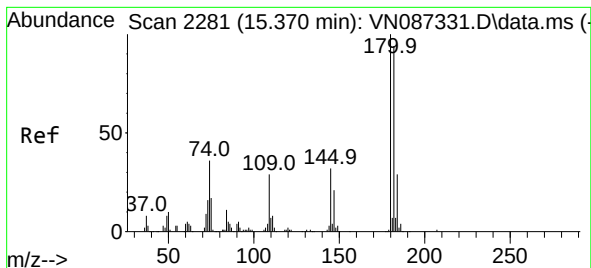
Tgt Ion:146 Resp: 361117
Ion Ratio Lower Upper
146 100
111 43.8 22.0 66.0
148 63.4 32.7 98.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.406 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087569.D
Acq: 14 Aug 2025 16:27

Tgt Ion: 75 Resp: 69760
Ion Ratio Lower Upper
75 100
155 68.3 37.3 111.8
157 89.9 46.2 138.6





#93

1,2,4-Trichlorobenzene

Concen: 51.328 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.000 min

Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

Instrument :

MSVOA_N

ClientSampleId :

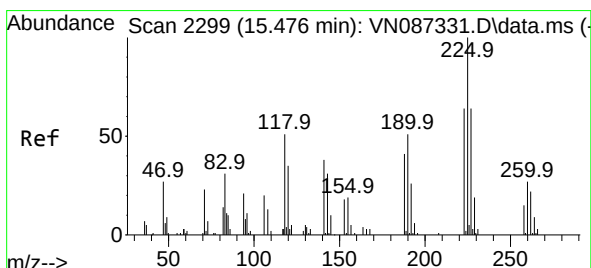
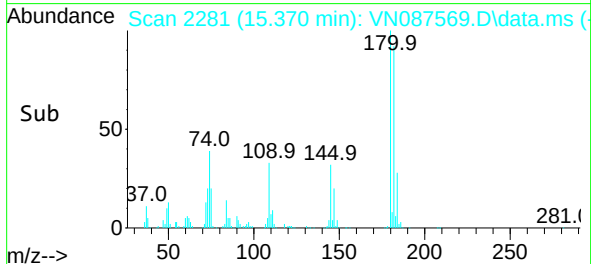
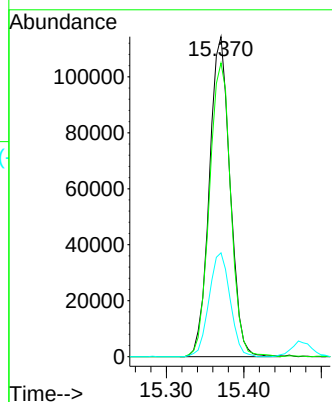
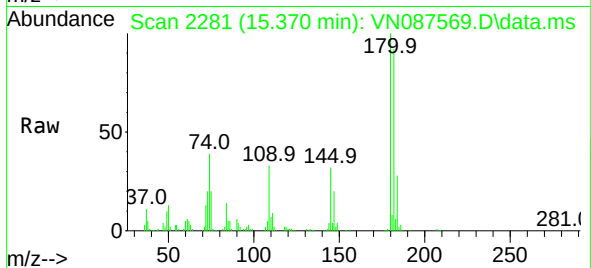
Tgt Ion:180 Resp: 212082

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.8

145 33.1 15.4 46.4



#94

Hexachlorobutadiene

Concen: 51.536 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

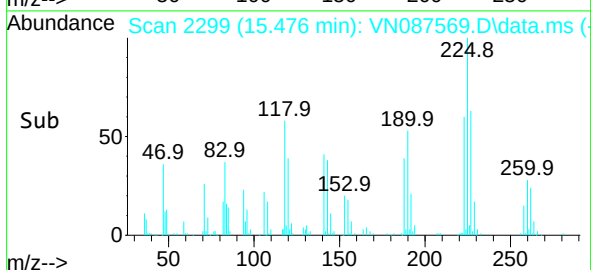
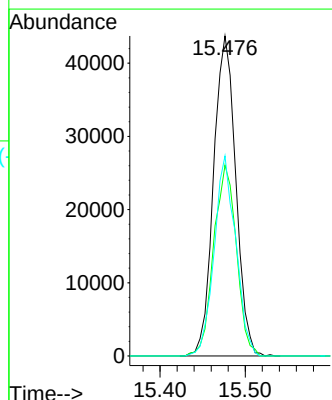
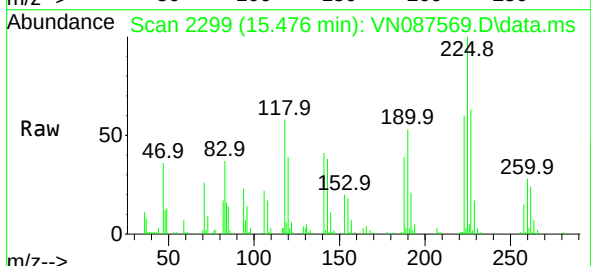
Tgt Ion:225 Resp: 79123

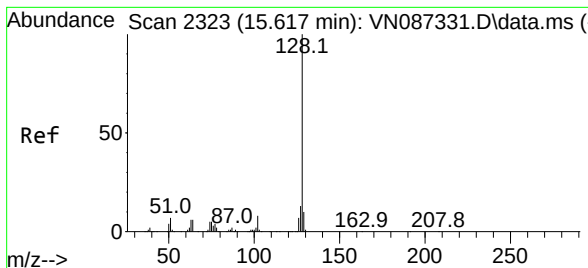
Ion Ratio Lower Upper

225 100

223 60.9 32.1 96.3

227 60.9 31.3 93.9





#95

Naphthalene

Concen: 53.941 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

Instrument :

MSVOA_N

ClientSampleId :

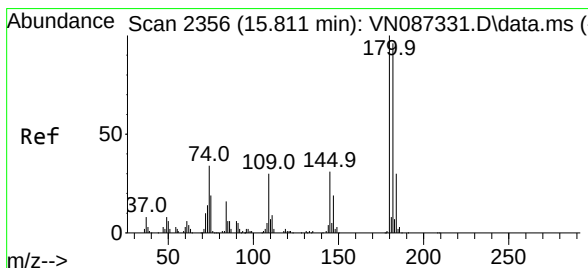
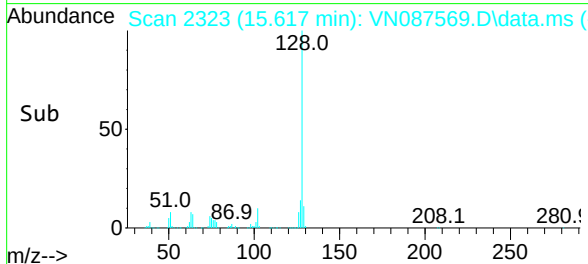
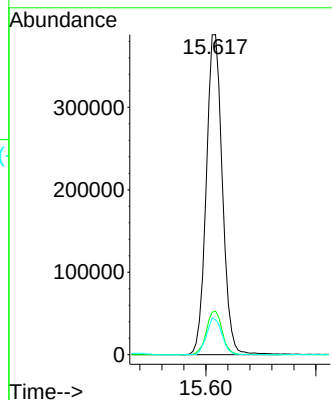
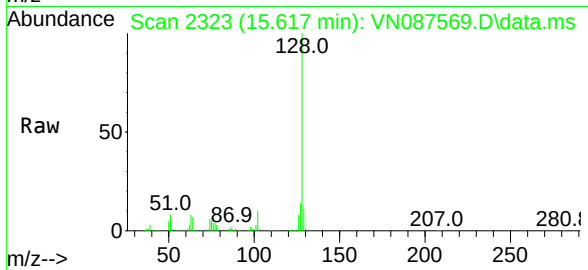
Tgt Ion:128 Resp: 789585

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 49.760 ug/l

RT: 15.817 min Scan# 2357

Delta R.T. 0.006 min

Lab File: VN087569.D

Acq: 14 Aug 2025 16:27

Tgt Ion:180 Resp: 206242

Ion Ratio Lower Upper

180 100

182 94.9 47.1 141.4

145 35.0 16.9 50.6

