

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
 Data File : VN087731.D
 Acq On : 04 Sep 2025 18:28
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090425

Quant Time: Sep 05 03:32:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	45925	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	235644	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	221185	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	118609	30.234	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.767%	
60) 4-Bromofluorobenzene	12.829	95	103848	29.200	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 97.333%	
63) Toluene-d8	10.547	98	305314	29.682	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 98.933%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.148	85	52434	18.370	ug/l	100
3) Chloromethane	2.383	50	54083	18.050	ug/l	91
4) Vinyl Chloride	2.536	62	59288	17.504	ug/l	99
5) Bromomethane	2.989	94	35460	17.846	ug/l	95
6) Chloroethane	3.136	64	39572	17.094	ug/l #	77
7) Trichlorofluoromethane	3.512	101	85267	17.175	ug/l	86
8) Diethyl Ether	3.959	74	36966	17.632	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	46222	17.189	ug/l	97
10) 1,1-Dichloroethene	4.342	96	48502	17.494	ug/l #	89
11) Methyl Iodide	4.583	142	17024	8.675	ug/l #	65
12) Methyl Acetate	5.012	43	78049	18.262	ug/l	98
13) Acrolein	4.277	56	598	0.786	ug/l	96
14) Acrylonitrile	5.712	53	162624	88.404	ug/l	99
15) Acetone	4.424	58	48575	84.645	ug/l	81
16) Carbon Disulfide	4.712	76	136485	17.930	ug/l #	94
17) Allyl chloride	5.012	41	77276	17.065	ug/l	94
18) Methylene Chloride	5.265	84	55915	17.804	ug/l	89
19) trans-1,2-Dichloroethene	5.777	96	49711	17.581	ug/l	93
20) Diisopropyl ether	6.653	45	173212	16.633	ug/l #	99
21) 1,1-Dichloroethane	6.553	63	100521	17.627	ug/l	97
22) cis-1,2-Dichloroethene	7.471	96	59360	17.296	ug/l	95
23) tert-Butyl Alcohol	5.518	59	58538	90.020	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	171206	17.297	ug/l #	83
25) Chloroform	7.947	83	103557	17.349	ug/l	94
26) Cyclohexane	8.235	56	75387	17.359	ug/l #	100
29) 1,1-Dichloropropene	8.347	75	65482	17.099	ug/l	99
30) 2-Butanone	7.471	43	231480	87.744	ug/l	97
31) 2,2-Dichloropropane	7.477	77	78485	17.001	ug/l #	78
32) 1,1,1-Trichloroethane	8.153	97	85693	17.650	ug/l	98
33) Carbon Tetrachloride	8.347	117	69645	17.204	ug/l #	93
34) Benzene	8.588	78	218694	17.669	ug/l	93
35) Methacrylonitrile	7.765	41	51135	18.531	ug/l	93
36) 1,2-Dichloroethane	8.653	62	82106	17.562	ug/l	99
37) Trichloroethene	9.341	130	45924	16.598	ug/l	92
38) Methylcyclohexane	9.582	83	70612	16.745	ug/l	99
39) 1,2-Dichloropropane	9.600	63	54676	17.248	ug/l #	83
40) Dibromomethane	9.682	93	42325	17.941	ug/l	97
41) Bromodichloromethane	9.871	83	83672	17.353	ug/l #	85
42) Vinyl Acetate	6.594	43	777536	88.211	ug/l	100

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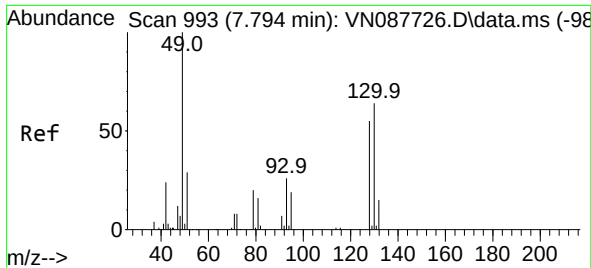
Quant Time: Sep 05 03:32:36 2025
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	93344	17.318	ug/l	98
44) Isopropyl Acetate	8.671	43	147433	17.448	ug/l	98
45) 1,4-Dioxane	9.682	88	18809	352.976	ug/l #	53
46) Methyl methacrylate	9.665	41	67807	17.410	ug/l	93
47) n-amyl Acetate	12.676	43	2329	0.408	ug/l #	1
48) t-1,3-Dichloropropene	10.818	75	85569	17.087	ug/l	97
49) cis-1,3-Dichloropropene	10.294	75	88428	17.239	ug/l	98
50) 1,1,2-Trichloroethane	10.994	97	53774	17.648	ug/l	89
51) Ethyl methacrylate	10.853	69	82131	17.320	ug/l	94
52) 1,3-Dichloropropane	11.141	76	93581	17.687	ug/l	100
53) Dibromochloromethane	11.335	129	59265	17.347	ug/l	92
54) 1,2-Dibromoethane	11.447	107	54662	17.241	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	233941	86.104	ug/l	99
56) Bromoform	12.559	173	39062	17.508	ug/l	96
58) 4-Methyl-2-Pentanone	10.424	43	460953	88.138	ug/l	99
59) 2-Hexanone	11.182	43	291153	85.197	ug/l	98
61) Tetrachloroethene	11.082	164	38600	17.528	ug/l	95
62) Toluene	10.612	91	238533	17.829	ug/l	98
64) Chlorobenzene	11.870	112	142733	17.382	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.935	131	49466	17.110	ug/l	97
66) Ethyl Benzene	11.941	91	250582	17.361	ug/l	93
67) m/p-Xylenes	12.047	106	185180	34.562	ug/l	95
68) o-Xylene	12.376	106	90271	17.377	ug/l	98
69) Styrene	12.394	104	151670	16.798	ug/l	98
70) Isopropylbenzene	12.670	105	224221	17.022	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.912	83	83832	17.703	ug/l	98
72) 1,2,3-Trichloropropane	12.970	75	103400	22.239	ug/l	57
73) Bromobenzene	12.959	156	55283	17.154	ug/l	96
74) n-propylbenzene	13.012	91	284881	17.141	ug/l	99
75) 2-Chlorotoluene	13.106	91	171781	17.173	ug/l	96
76) 1,3,5-Trimethylbenzene	13.153	105	193466	17.393	ug/l	97
77) t-1,4-Dichloro-2-butene	12.717	75	23921	15.243	ug/l	75
78) 4-Chlorotoluene	13.200	91	184349	18.280	ug/l	96
79) tert-butylbenzene	13.412	119	162429	17.436	ug/l	96
80) 1,2,4-Trimethylbenzene	13.459	105	195624	17.154	ug/l	98
81) sec-Butylbenzene	13.594	105	238215	17.385	ug/l	98
82) p-Isopropyltoluene	13.706	119	195729	17.337	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	106089	17.075	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	107657	17.287	ug/l	98
85) n-Butylbenzene	14.035	91	188710	17.390	ug/l	98
86) Hexachloroethane	14.312	117	41219	17.975	ug/l	99
87) 1,2-Dichlorobenzene	14.082	146	105569	18.016	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.694	75	19130	18.204	ug/l	96
89) 1,2,4-Trichlorobenzene	15.811	180	58341	17.505	ug/l	98
90) Hexachlorobutadiene	15.470	225	20419	18.275	ug/l	95
91) Naphthalene	15.617	128	208469	16.990	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	58341	17.505	ug/l	98

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

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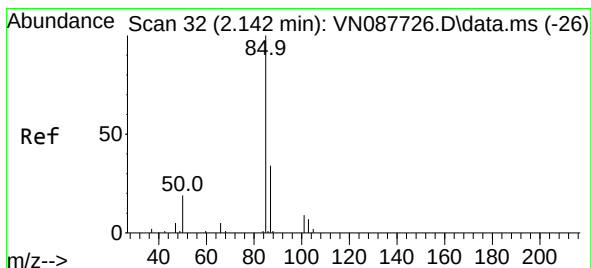
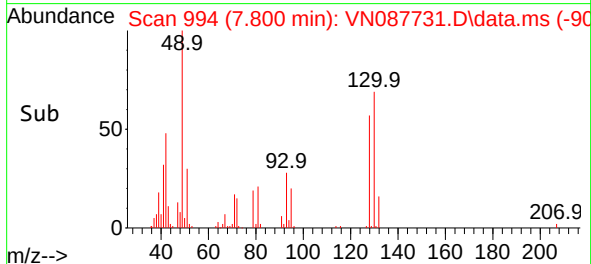
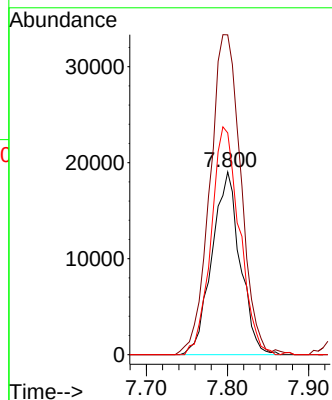
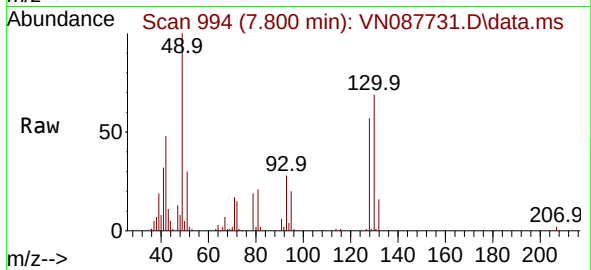




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN087731.D
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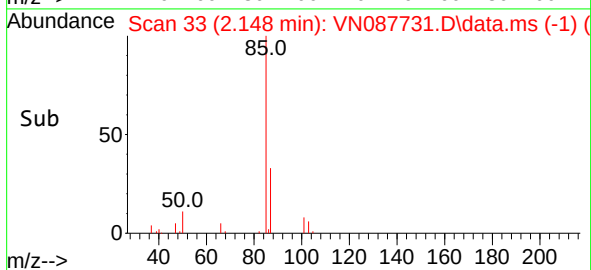
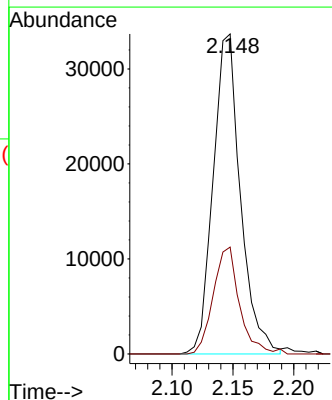
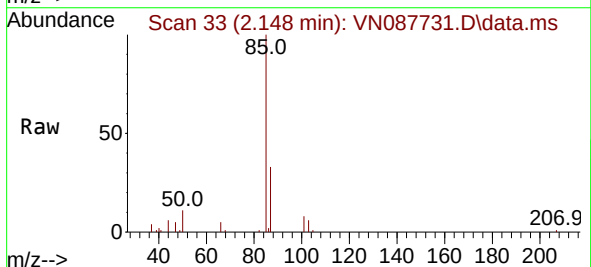
Instrument :
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ClientSampleId :
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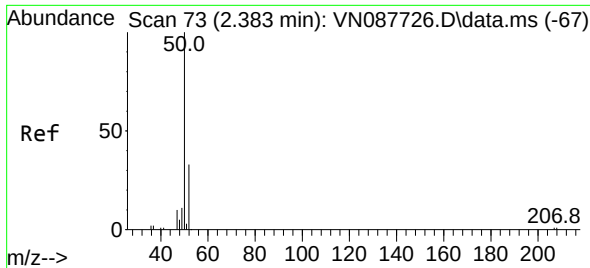
Tgt Ion:128 Resp: 45925
Ion Ratio Lower Upper
128 100
49 191.5 0.0 464.3
130 125.8 0.0 300.5



#2
Dichlorodifluoromethane
Concen: 18.370 ug/l
RT: 2.148 min Scan# 33
Delta R.T. 0.006 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 85 Resp: 52434
Ion Ratio Lower Upper
85 100
87 33.4 16.8 50.4

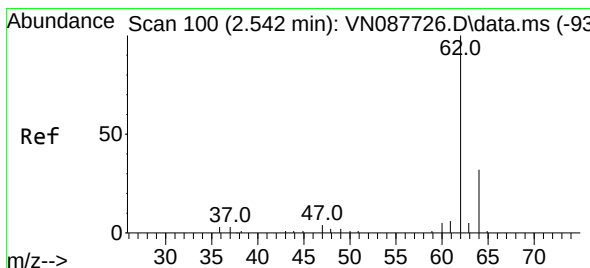
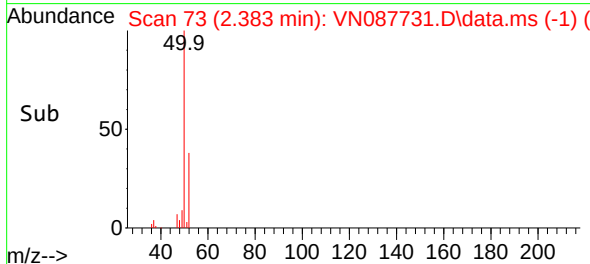
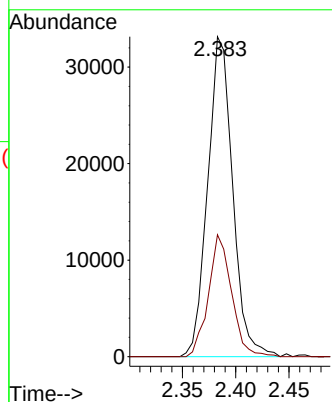
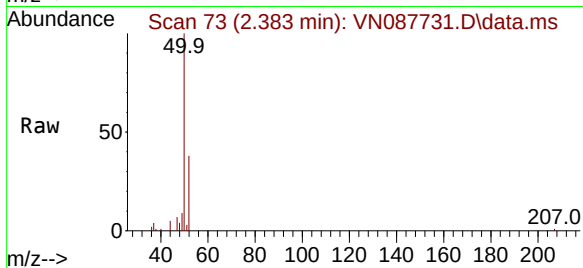




#3
Chloromethane
Concen: 18.050 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

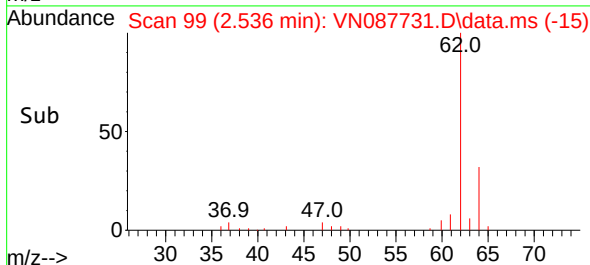
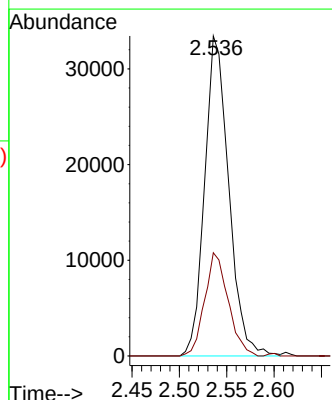
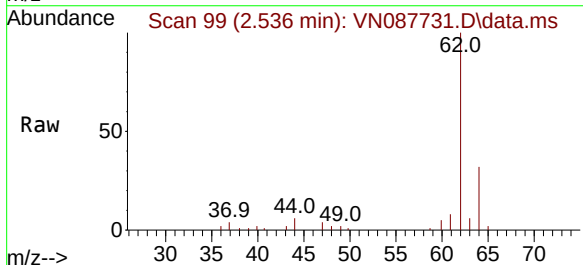
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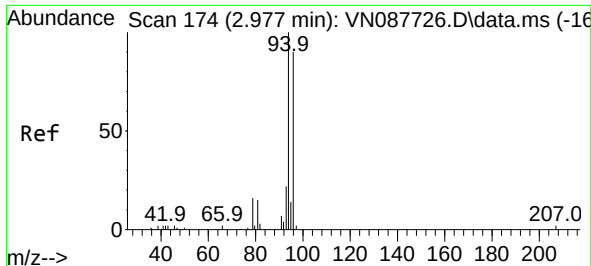
Tgt Ion: 50 Resp: 54083
Ion Ratio Lower Upper
50 100
52 38.1 26.6 40.0



#4
Vinyl Chloride
Concen: 17.504 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 62 Resp: 59288
Ion Ratio Lower Upper
62 100
64 32.2 25.5 38.3

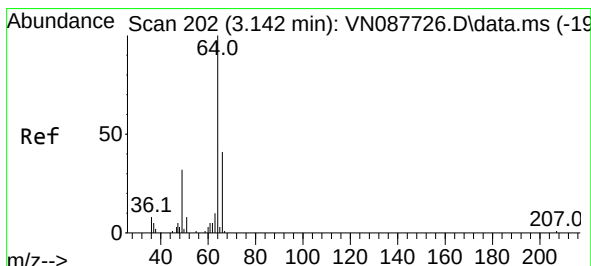
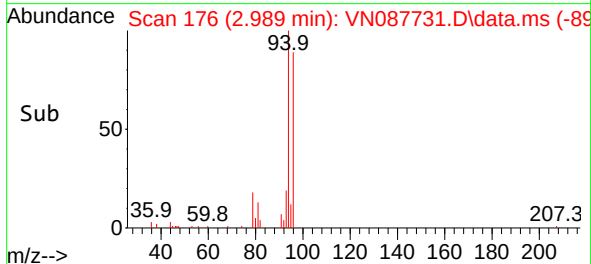
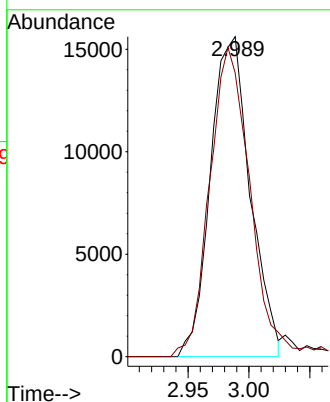
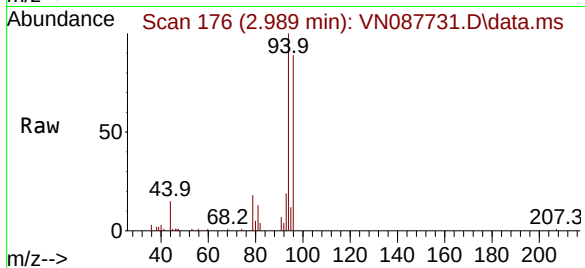




#5
Bromomethane
Concen: 17.846 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

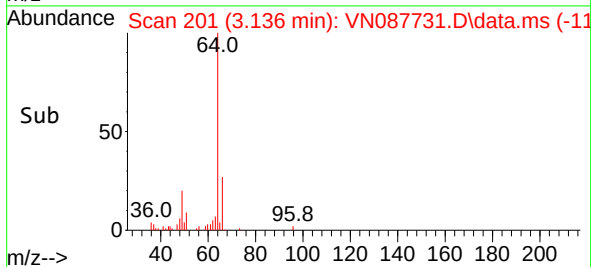
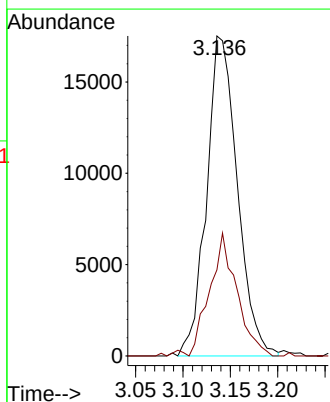
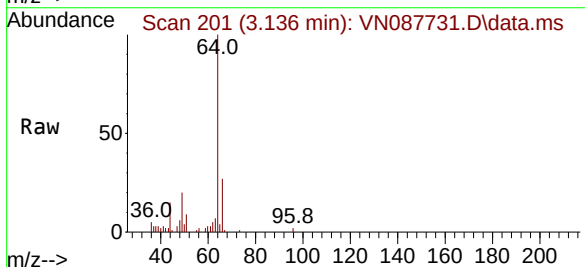
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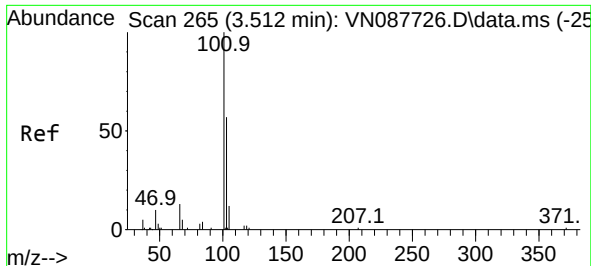
Tgt Ion: 94 Resp: 35460
Ion Ratio Lower Upper
94 100
96 86.0 72.2 108.4



#6
Chloroethane
Concen: 17.094 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 64 Resp: 39572
Ion Ratio Lower Upper
64 100
66 26.9 32.8 49.2#

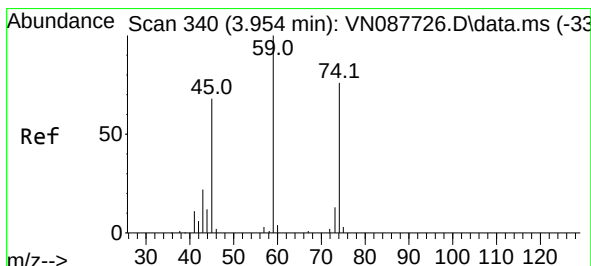
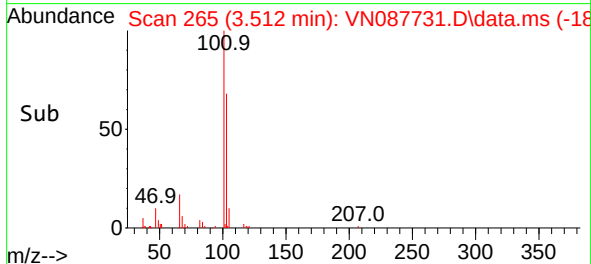
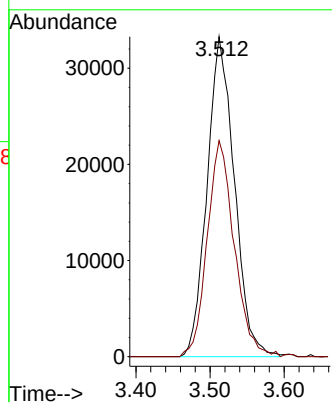
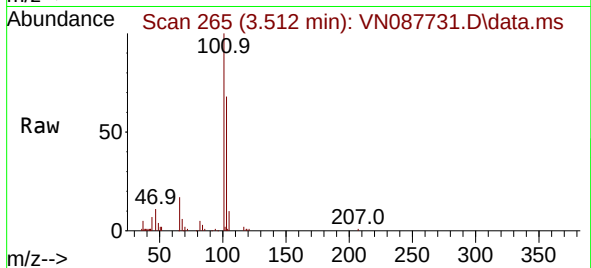




#7
 Trichlorofluoromethane
 Concen: 17.175 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087731.D
 Acq: 04 Sep 2025 18:28

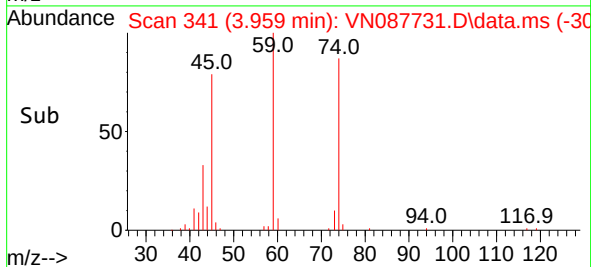
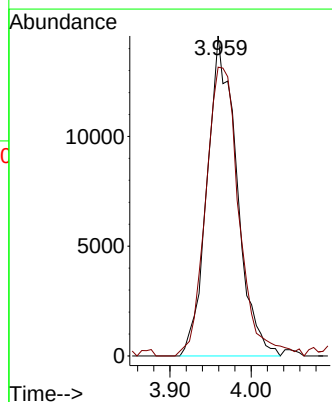
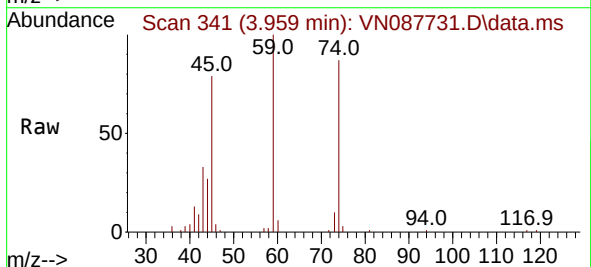
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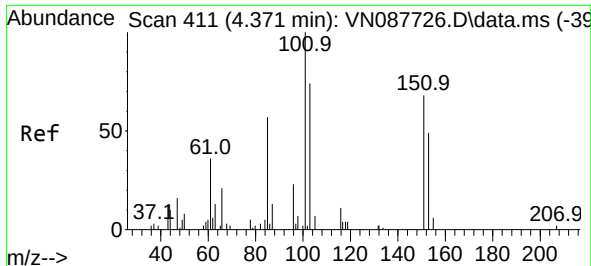
Tgt Ion:101 Resp: 85267
 Ion Ratio Lower Upper
 101 100
 103 67.5 45.7 68.5



#8
 Diethyl Ether
 Concen: 17.632 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087731.D
 Acq: 04 Sep 2025 18:28

Tgt Ion: 74 Resp: 36966
 Ion Ratio Lower Upper
 74 100
 45 100.9 20.4 183.8

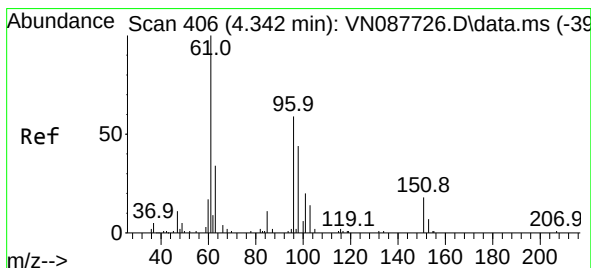
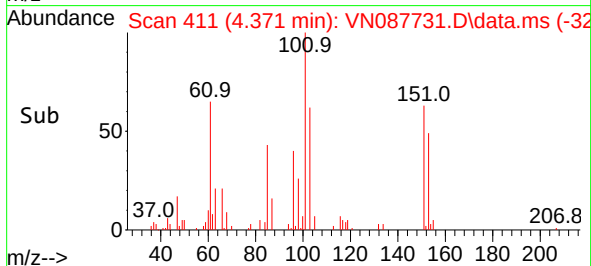
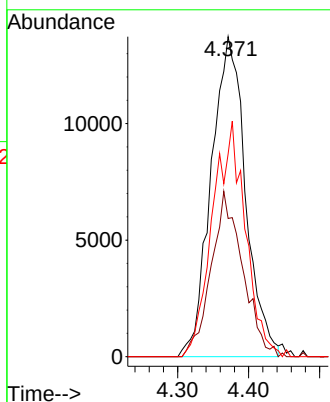
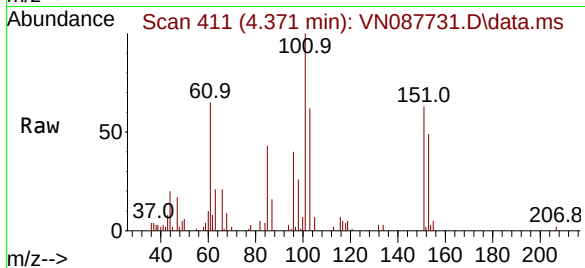




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.189 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.000 min
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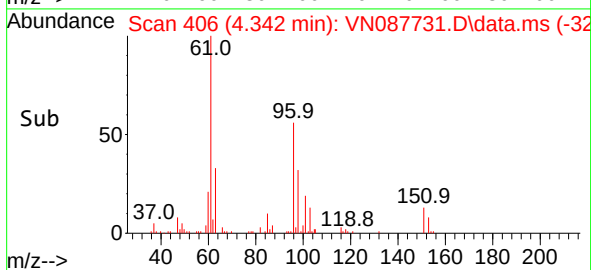
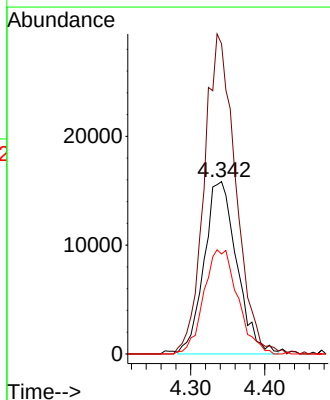
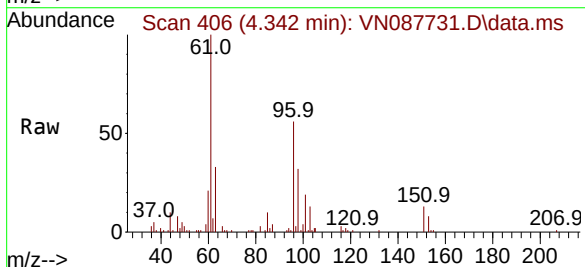
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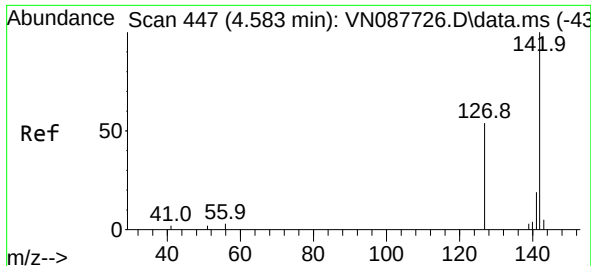
Tgt Ion:101 Resp: 46222
 Ion Ratio Lower Upper
 101 100
 85 46.9 0.0 95.6
 151 40.1 0.0 85.8



#10
 1,1-Dichloroethene
 Concen: 17.494 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VN087731.D
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Tgt Ion: 96 Resp: 48502
 Ion Ratio Lower Upper
 96 100
 61 179.9 135.9 203.9
 98 58.6 59.2 88.8#

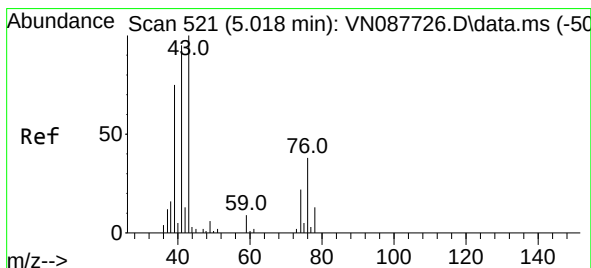
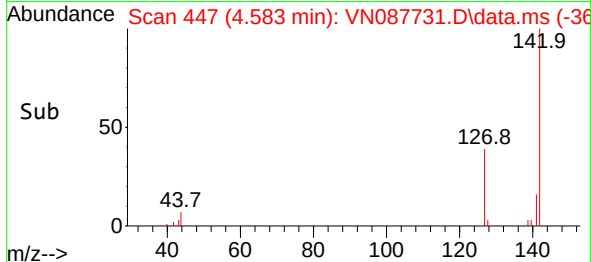
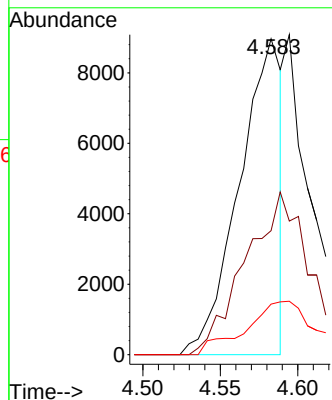
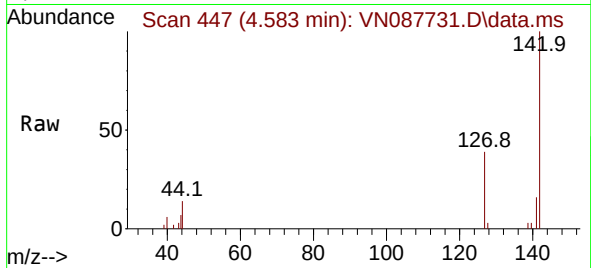




#11
Methyl Iodide
Concen: 8.675 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

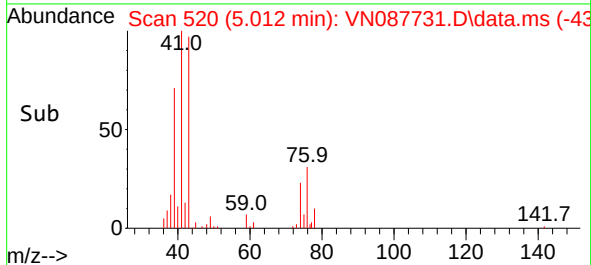
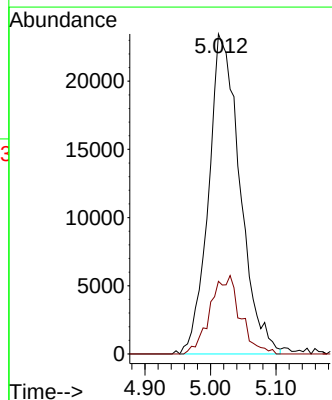
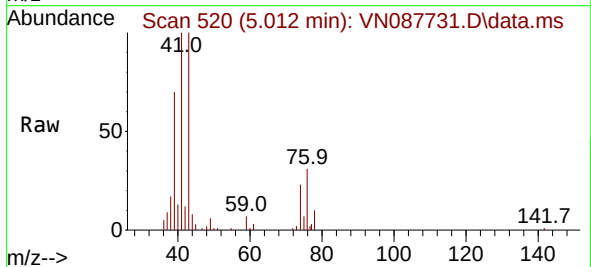
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

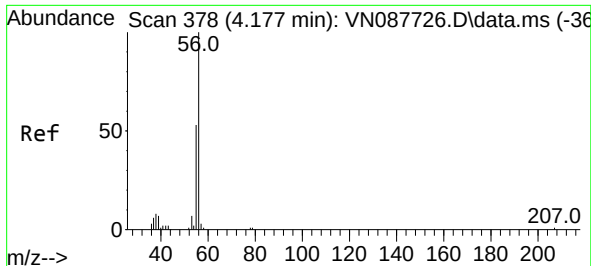
Tgt Ion:142 Resp: 17024
Ion Ratio Lower Upper
142 100
127 24.6 27.9 83.7#
141 14.0 9.6 28.8



#12
Methyl Acetate
Concen: 18.262 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 43 Resp: 78049
Ion Ratio Lower Upper
43 100
74 22.9 17.5 26.3

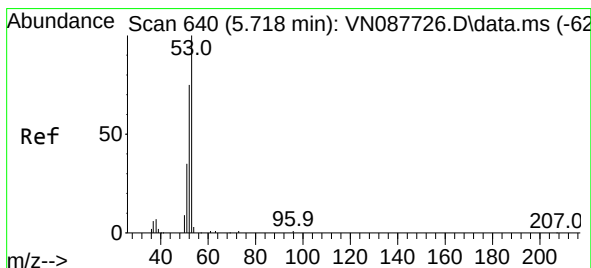
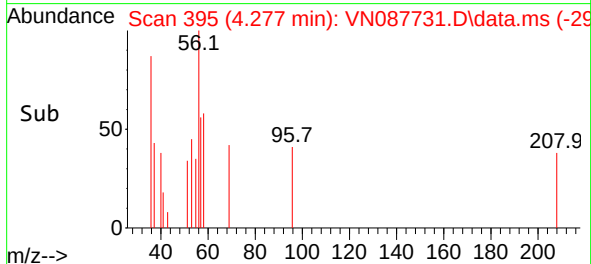
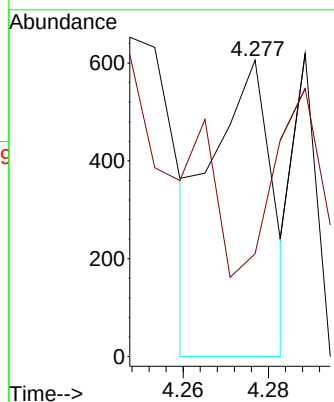
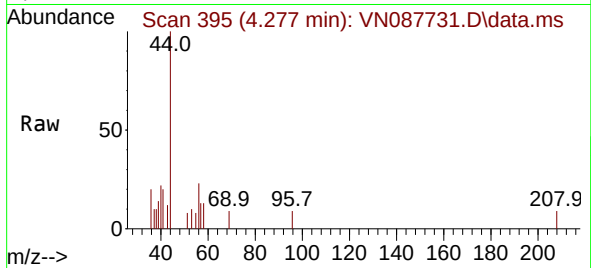




#13
Acrolein
Concen: 0.786 ug/l
RT: 4.277 min Scan# 395
Delta R.T. 0.100 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

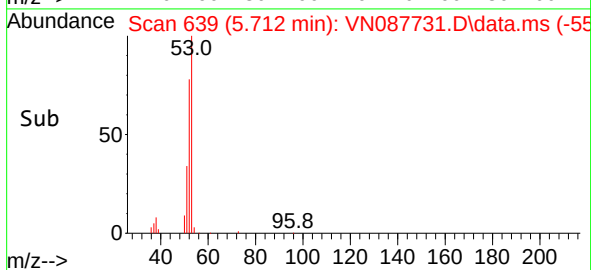
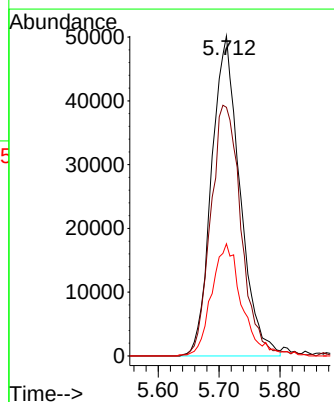
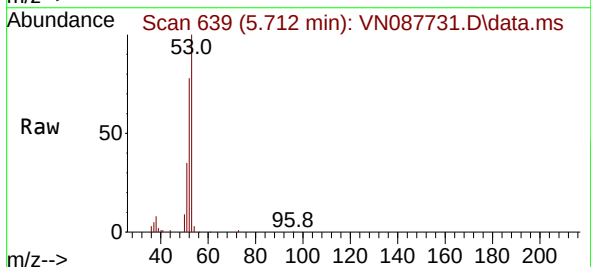
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

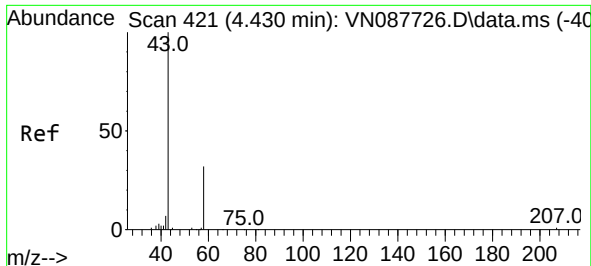
Tgt Ion: 56 Resp: 598
Ion Ratio Lower Upper
56 100
55 38.1 28.6 42.8



#14
Acrylonitrile
Concen: 88.404 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 53 Resp: 162624
Ion Ratio Lower Upper
53 100
52 82.7 40.9 122.7
51 35.6 18.1 54.1

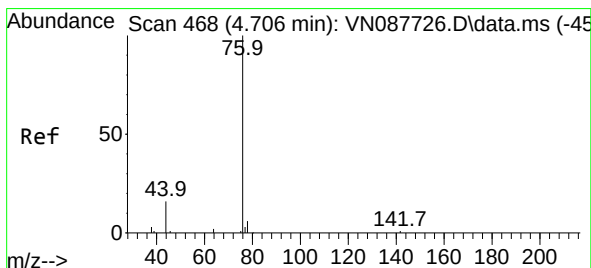
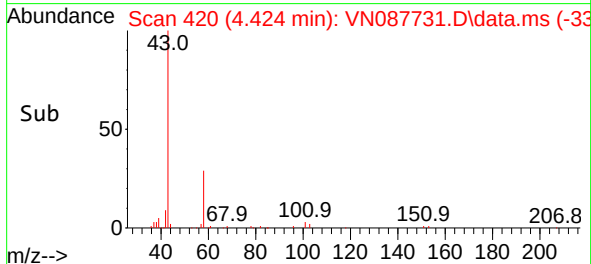
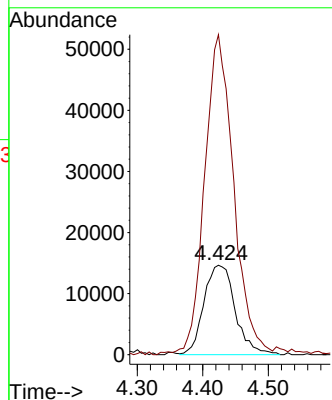
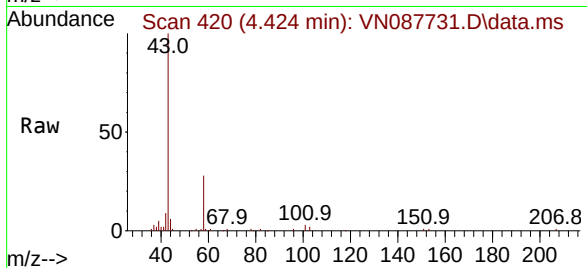




#15
Acetone
Concen: 84.645 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

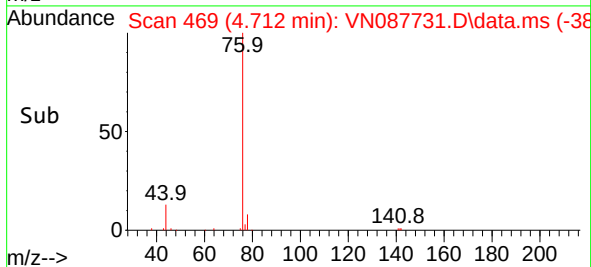
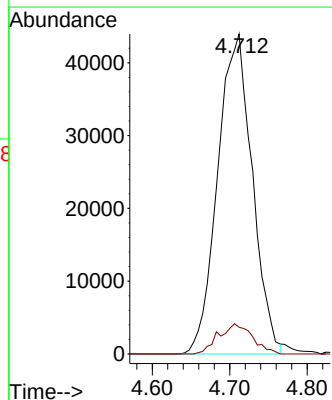
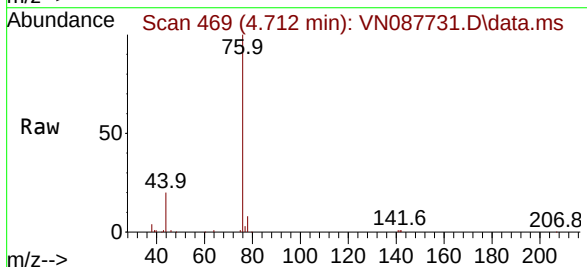
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

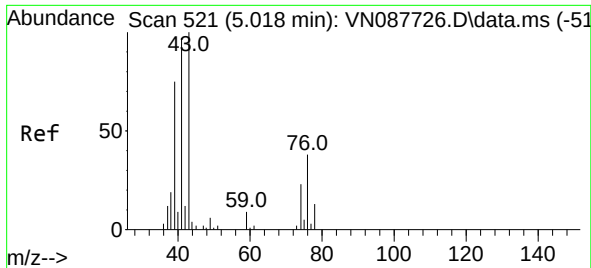
Tgt Ion: 58 Resp: 48575
Ion Ratio Lower Upper
58 100
43 351.1 250.6 376.0



#16
Carbon Disulfide
Concen: 17.930 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 76 Resp: 136485
Ion Ratio Lower Upper
76 100
78 8.4 5.0 7.6#

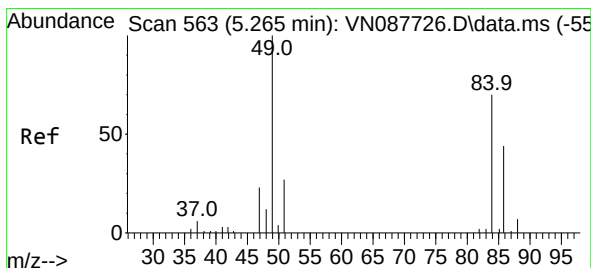
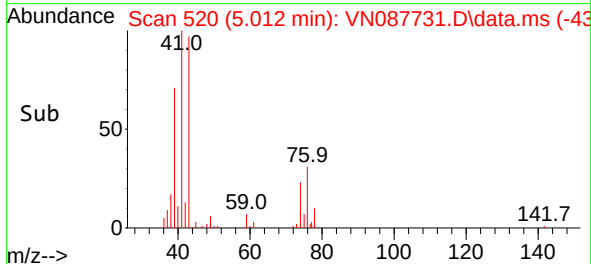
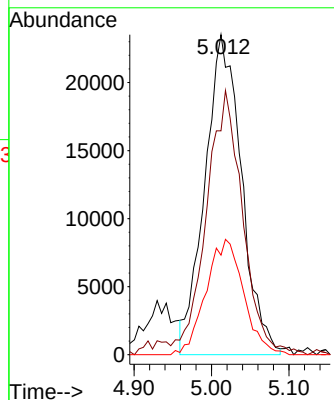
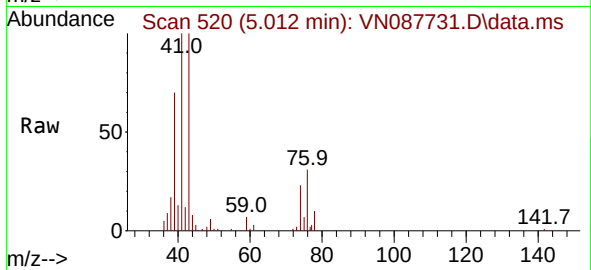




#17
 Allyl chloride
 Concen: 17.065 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN087731.D
 Acq: 04 Sep 2025 18:28

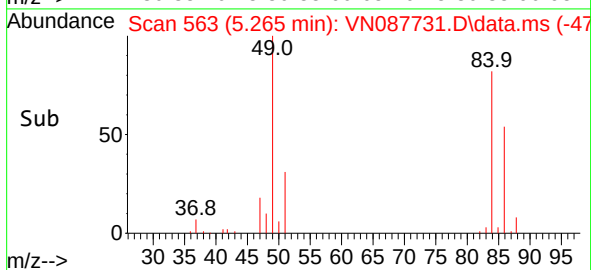
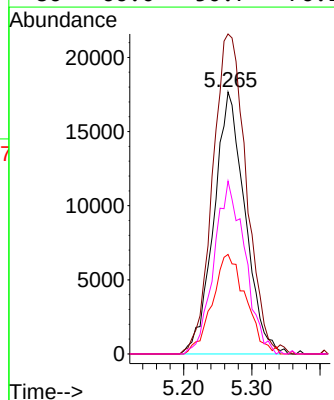
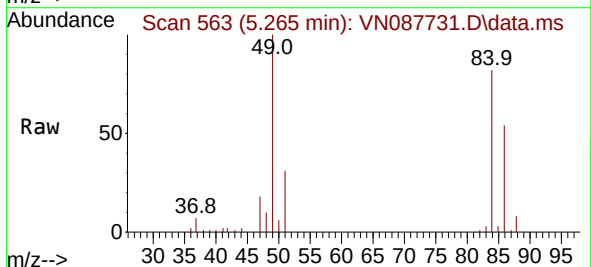
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090425

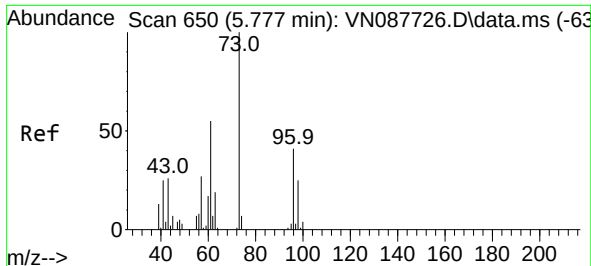
Tgt Ion:	41	Resp:	77276
Ion	Ratio	Lower	Upper
41	100		
39	68.5	36.7	110.1
76	33.2	18.3	54.8



#18
 Methylene Chloride
 Concen: 17.804 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.000 min
 Lab File: VN087731.D
 Acq: 04 Sep 2025 18:28

Tgt Ion:	84	Resp:	55915
Ion	Ratio	Lower	Upper
84	100		
49	122.2	114.1	171.1
51	38.0	30.2	45.4
86	66.0	50.7	76.1

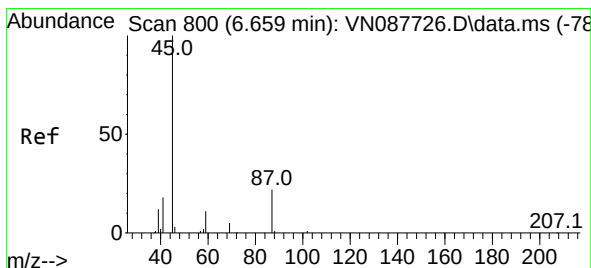
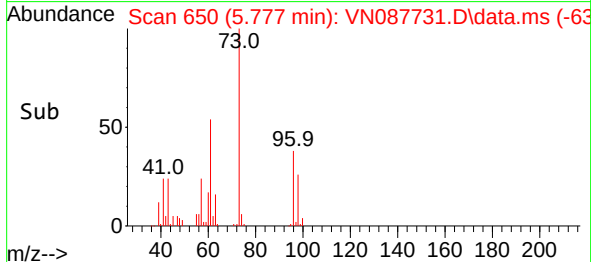
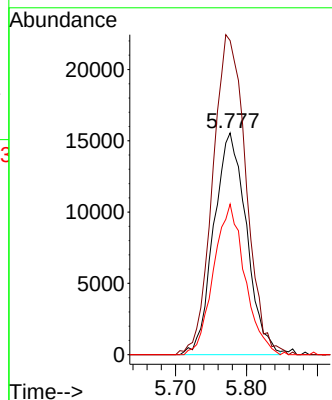
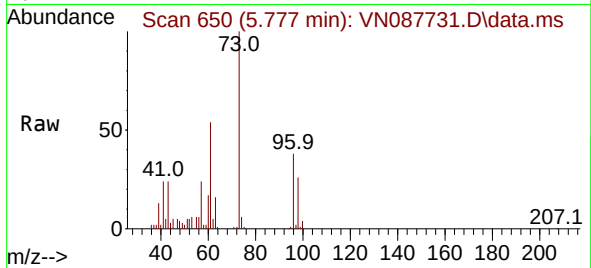




#19
trans-1,2-Dichloroethene
Concen: 17.581 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

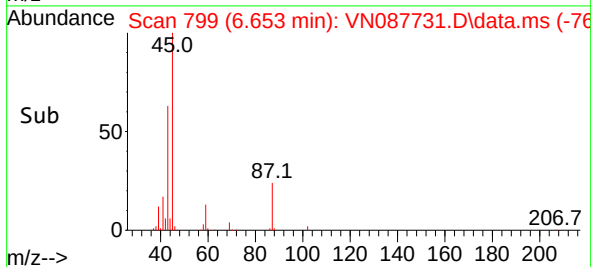
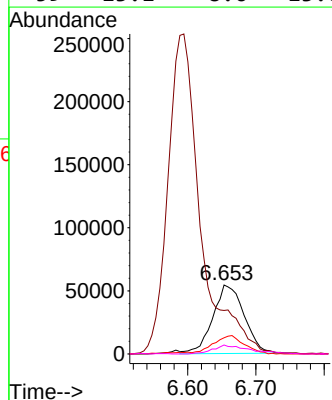
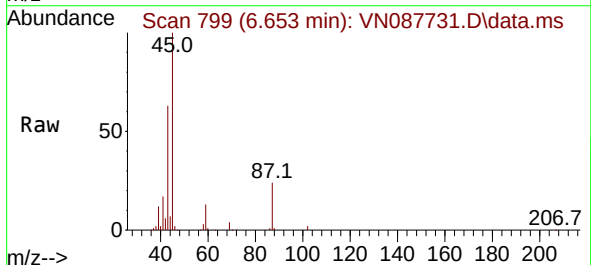
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

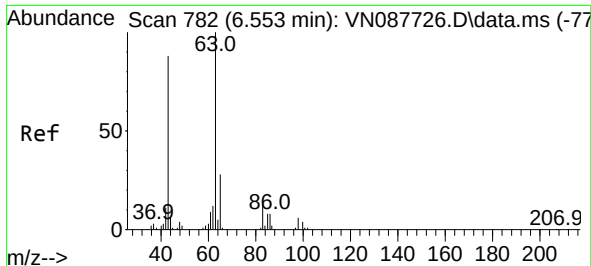
Tgt Ion: 96 Resp: 49711
Ion Ratio Lower Upper
96 100
61 139.8 106.4 159.6
98 67.9 48.9 73.3



#20
Diisopropyl ether
Concen: 16.633 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 45 Resp: 173212
Ion Ratio Lower Upper
45 100
43 61.5 49.5 74.3
87 23.4 18.8 28.2
59 13.1 8.6 13.0#

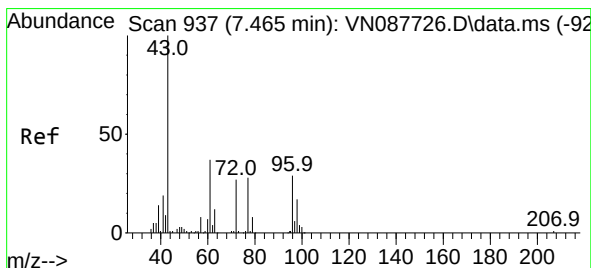
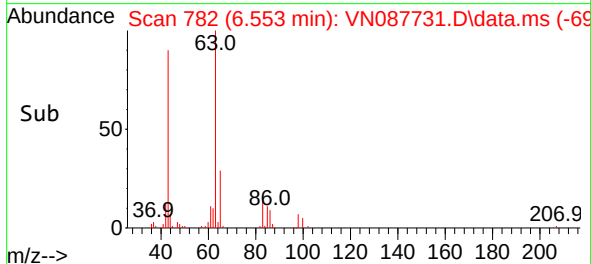
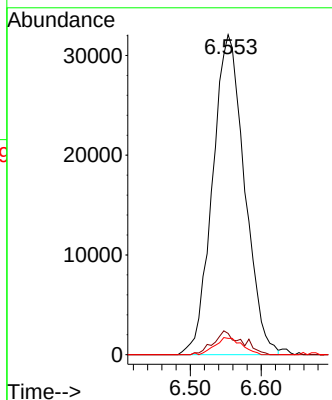
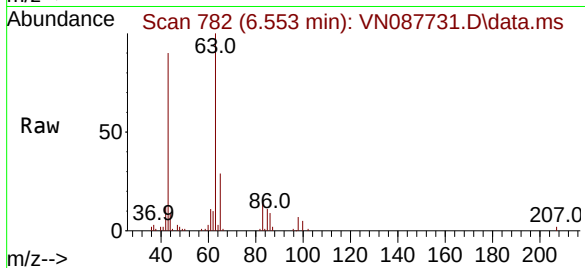




#21
1,1-Dichloroethane
Concen: 17.627 ug/l
RT: 6.553 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

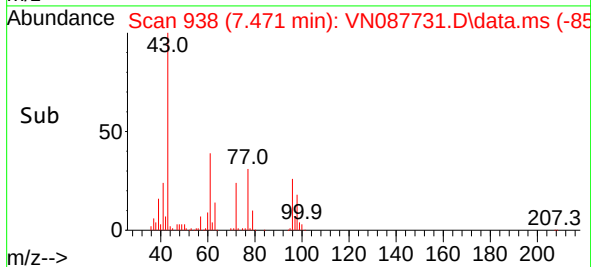
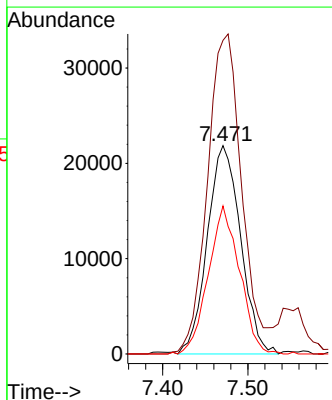
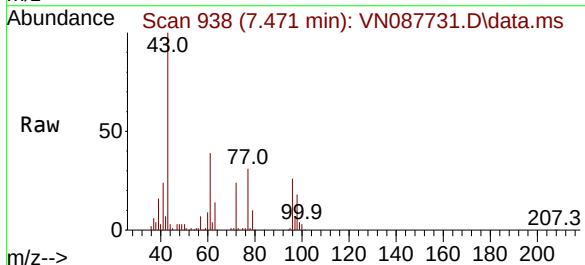
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

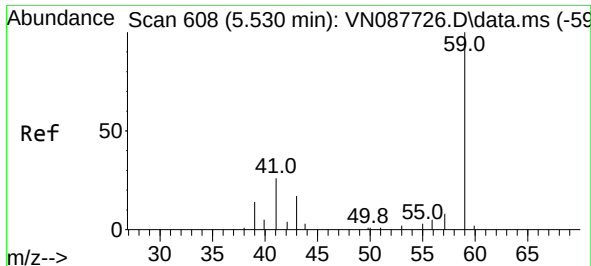
Tgt Ion: 63 Resp: 100521
Ion Ratio Lower Upper
63 100
98 6.7 2.9 8.8
100 5.1 1.8 5.3



#22
cis-1,2-Dichloroethene
Concen: 17.296 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 96 Resp: 59360
Ion Ratio Lower Upper
96 100
61 155.8 118.2 177.2
98 66.3 51.6 77.4

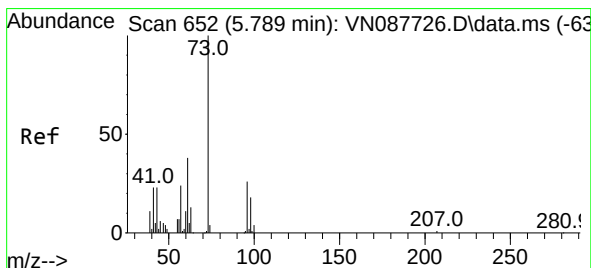
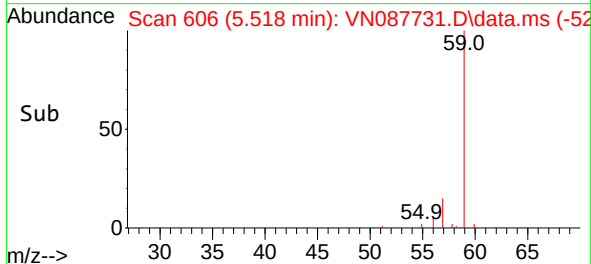
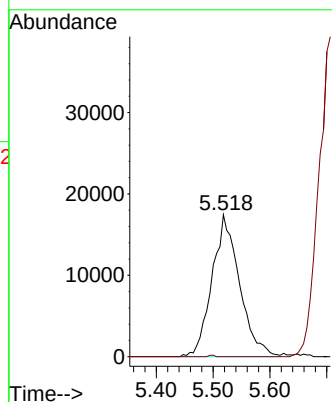
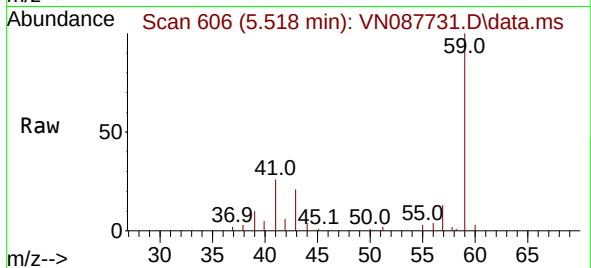




#23
tert-Butyl Alcohol
Concen: 90.020 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

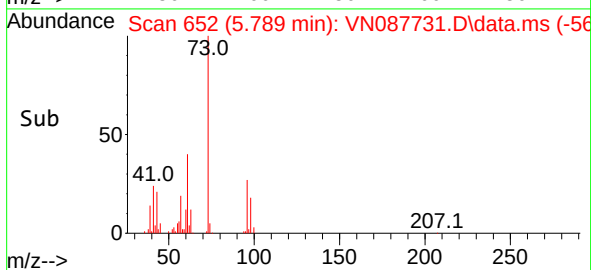
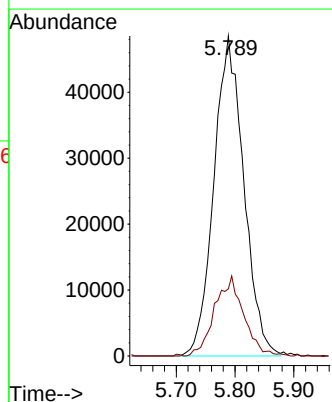
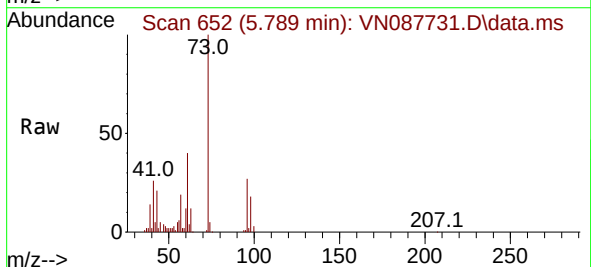
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

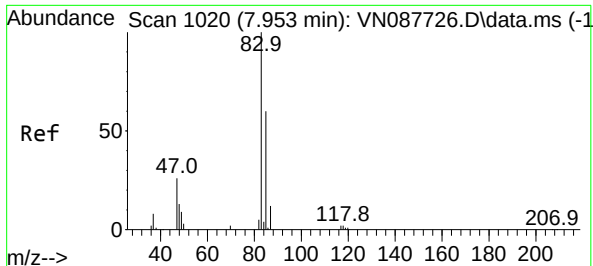
Tgt Ion: 59 Resp: 58538
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 17.297 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 73 Resp: 171206
Ion Ratio Lower Upper
73 100
43 13.2 16.8 25.2#





#25

Chloroform

Concen: 17.349 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087731.D

Acq: 04 Sep 2025 18:28

Instrument :

MSVOA_N

ClientSampleId :

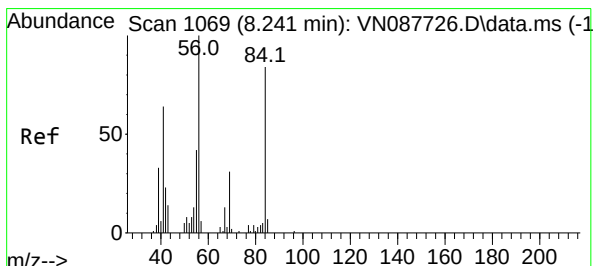
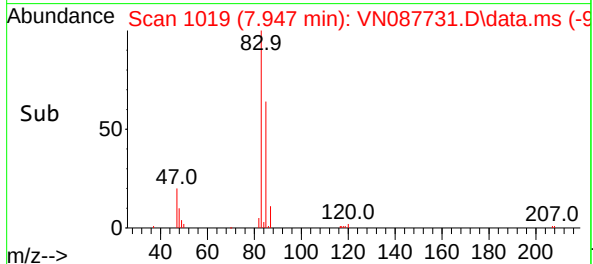
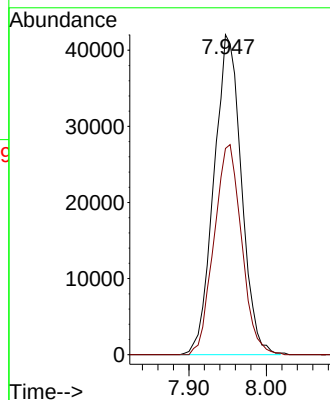
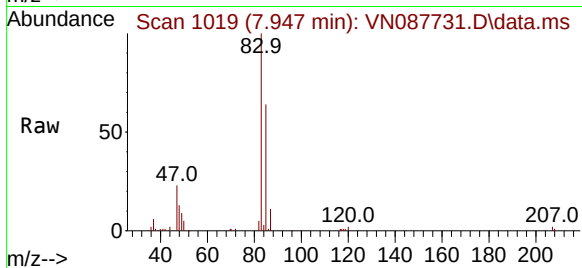
ICVVN090425

Tgt Ion: 83 Resp: 103557

Ion Ratio Lower Upper

83 100

85 64.5 47.7 71.5



#26

Cyclohexane

Concen: 17.359 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN087731.D

Acq: 04 Sep 2025 18:28

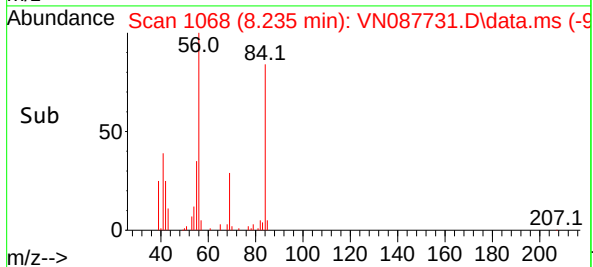
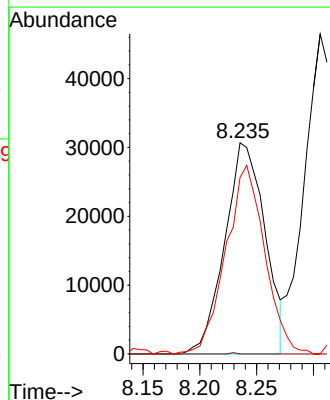
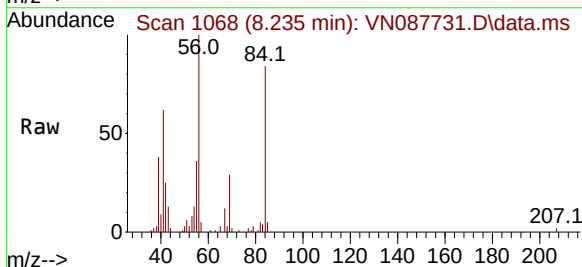
Tgt Ion: 56 Resp: 75387

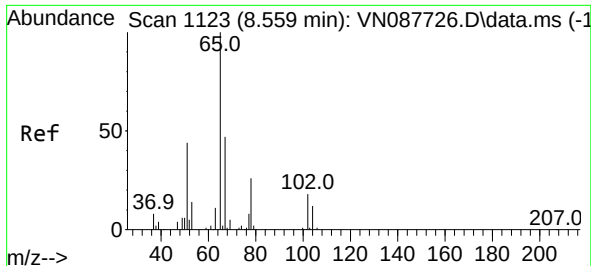
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 86.5 69.4 104.2

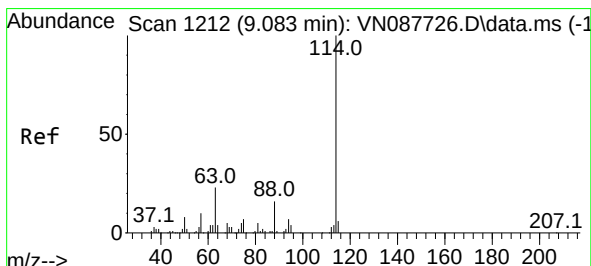
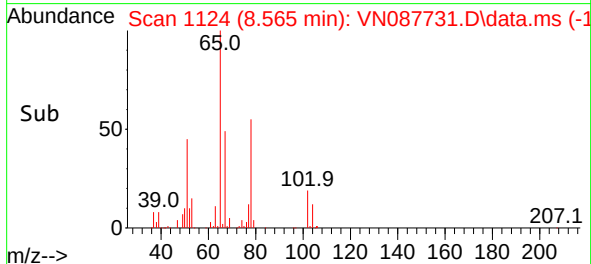
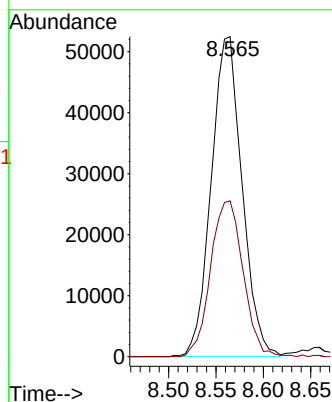
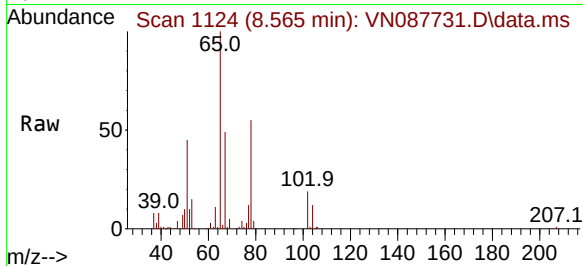




#27
 1,2-Dichloroethane-d4
 Concen: 30.234 ug/l
 RT: 8.565 min Scan# 1123
 Delta R.T. 0.006 min
 Lab File: VN087731.D
 Acq: 04 Sep 2025 18:28

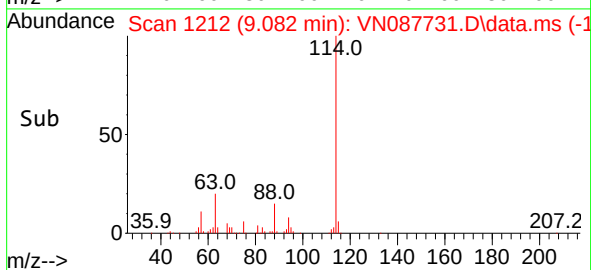
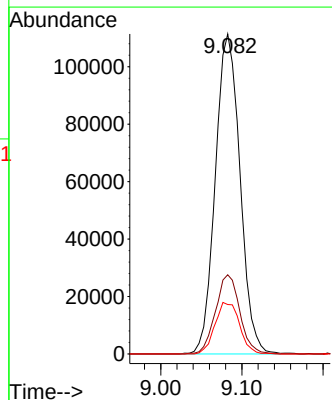
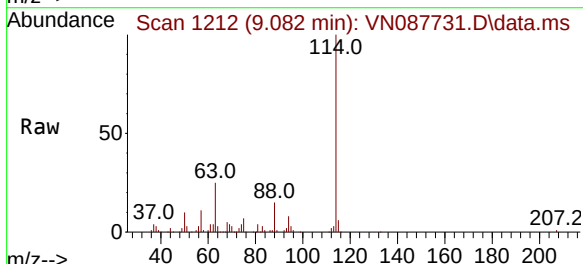
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN090425

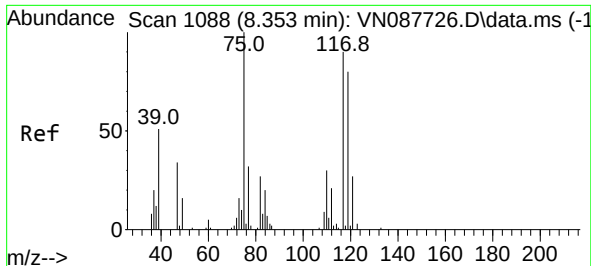
Tgt Ion: 65 Resp: 118609
 Ion Ratio Lower Upper
 65 100
 67 51.2 39.6 59.4



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087731.D
 Acq: 04 Sep 2025 18:28

Tgt Ion: 114 Resp: 235644
 Ion Ratio Lower Upper
 114 100
 63 24.3 18.3 27.5
 88 16.0 12.4 18.6





#29

1,1-Dichloropropene

Concen: 17.099 ug/l

RT: 8.347 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN087731.D

Acq: 04 Sep 2025 18:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090425

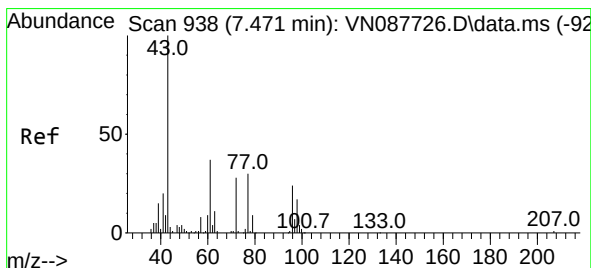
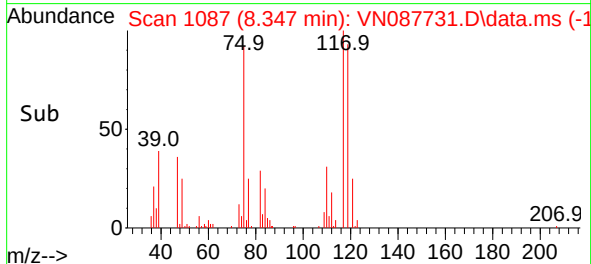
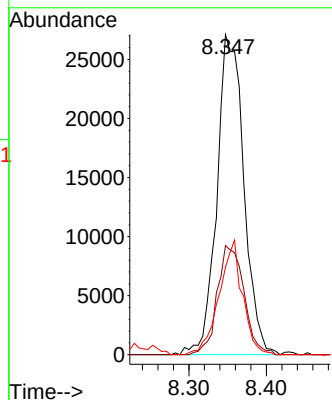
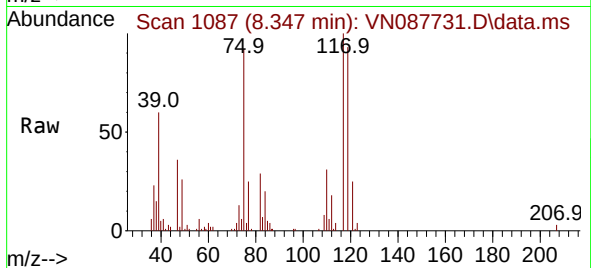
Tgt Ion: 75 Resp: 65482

Ion Ratio Lower Upper

75 100

110 33.8 0.0 64.4

77 31.1 0.0 62.2



#30

2-Butanone

Concen: 87.744 ug/l

RT: 7.471 min Scan# 938

Delta R.T. -0.000 min

Lab File: VN087731.D

Acq: 04 Sep 2025 18:28

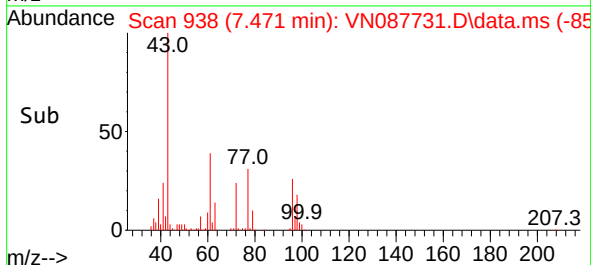
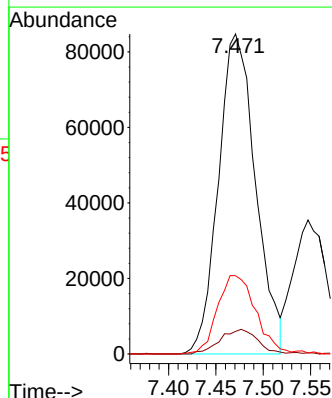
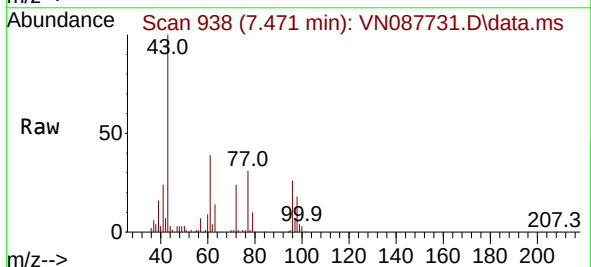
Tgt Ion: 43 Resp: 231480

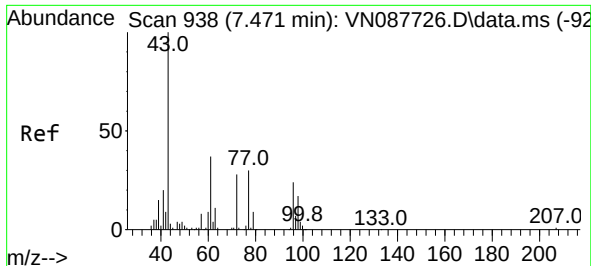
Ion Ratio Lower Upper

43 100

57 7.7 6.3 9.5

72 25.2 21.4 32.2

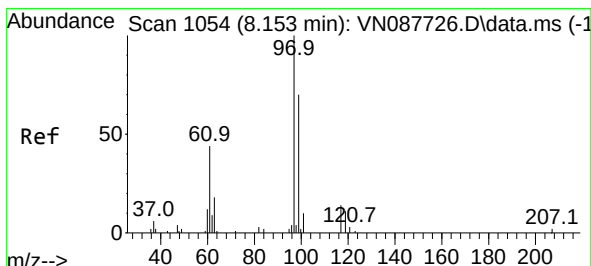
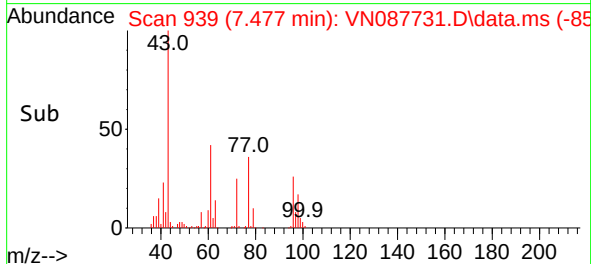
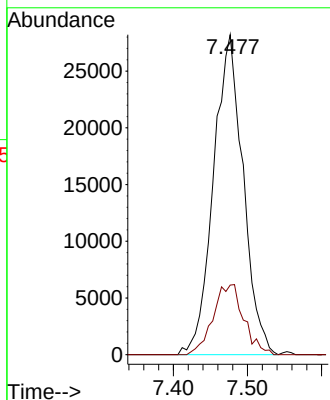
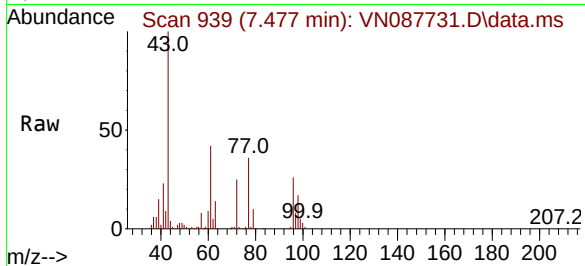




#31
2,2-Dichloropropane
Concen: 17.001 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

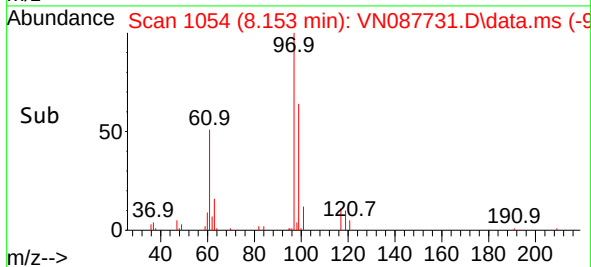
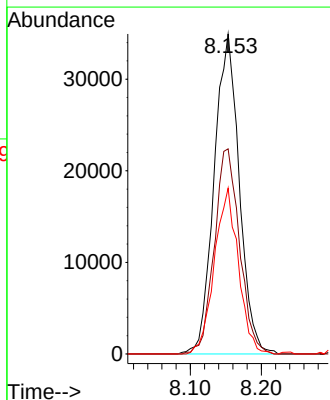
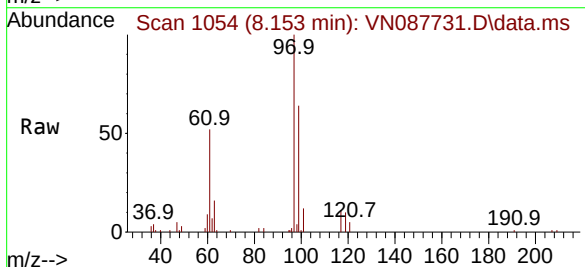
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

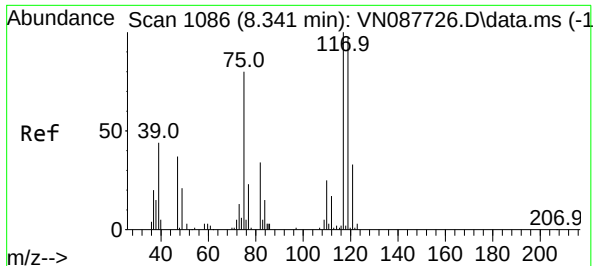
Tgt Ion: 77 Resp: 78485
Ion Ratio Lower Upper
77 100
97 11.0 17.1 25.7#



#32
1,1,1-Trichloroethane
Concen: 17.650 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 97 Resp: 85693
Ion Ratio Lower Upper
97 100
99 64.4 52.2 78.4
61 49.5 37.9 56.9

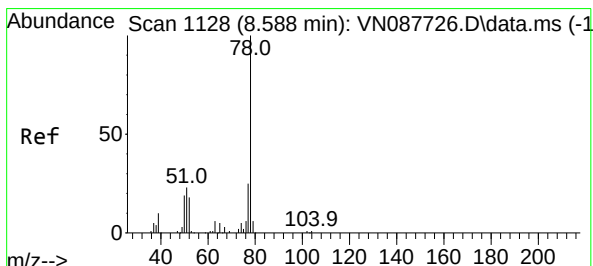
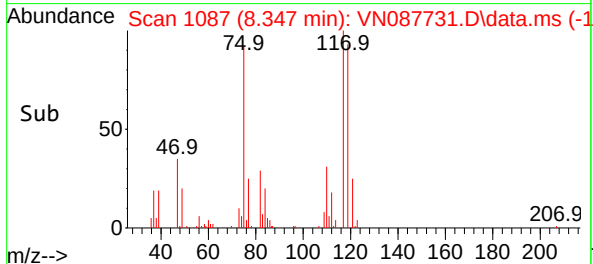
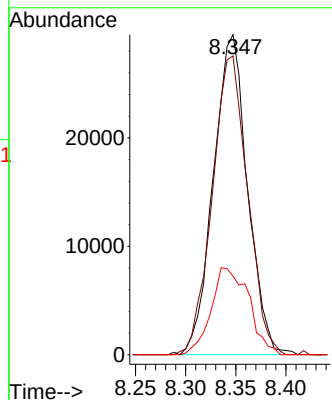
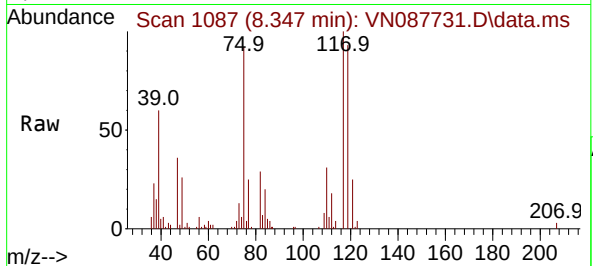




#33
Carbon Tetrachloride
Concen: 17.204 ug/l
RT: 8.347 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

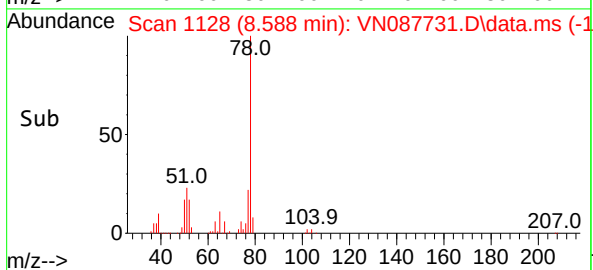
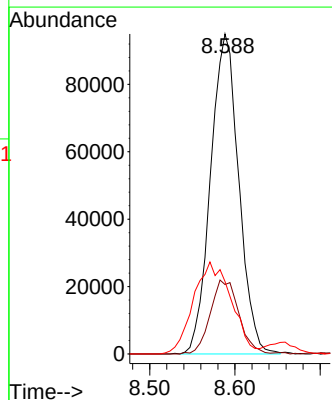
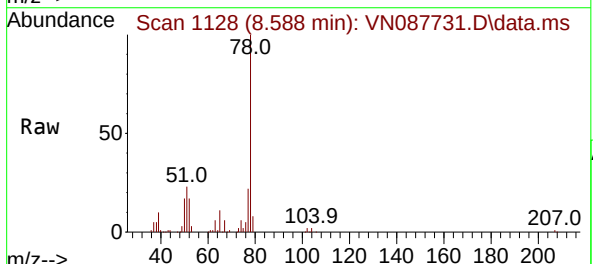
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

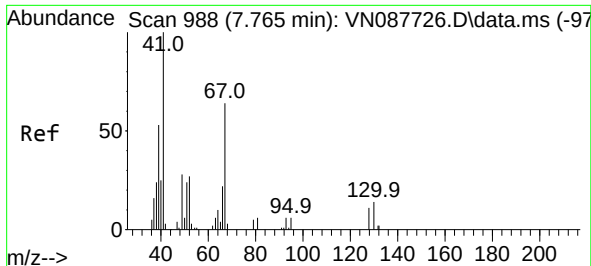
Tgt Ion:117 Resp: 69645
Ion Ratio Lower Upper
117 100
119 92.4 77.3 115.9
121 24.6 26.6 39.8#



#34
Benzene
Concen: 17.669 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 78 Resp: 218694
Ion Ratio Lower Upper
78 100
77 21.7 20.3 30.5
51 19.1 18.0 27.0

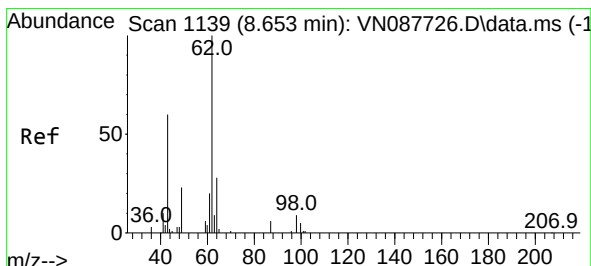
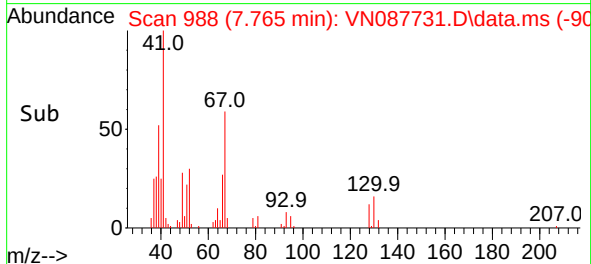
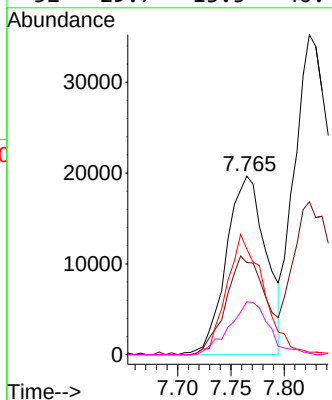
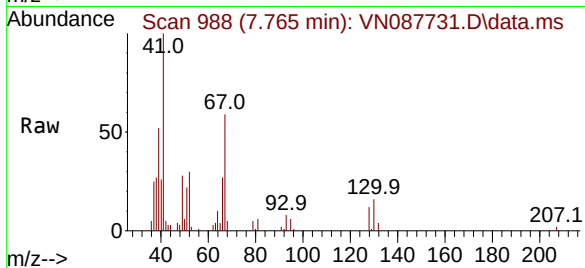




#35
Methacrylonitrile
Concen: 18.531 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

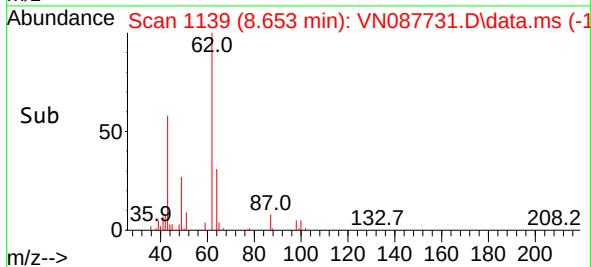
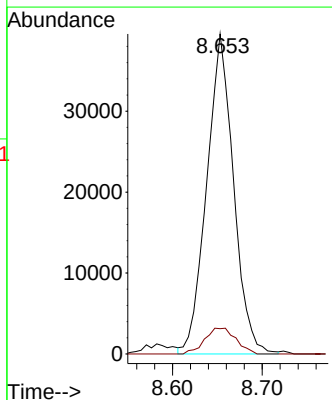
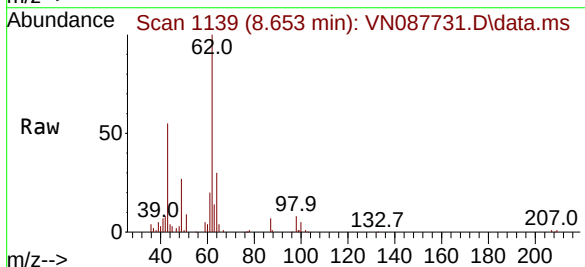
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

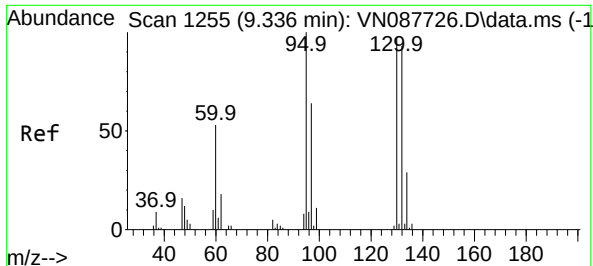
Tgt Ion:	41	Resp:	51135
Ion	Ratio	Lower	Upper
41	100		
39	48.8	27.1	81.2
67	59.1	32.1	96.5
52	29.7	13.5	40.4



#36
1,2-Dichloroethane
Concen: 17.562 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion:	62	Resp:	82106
Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.2	10.8

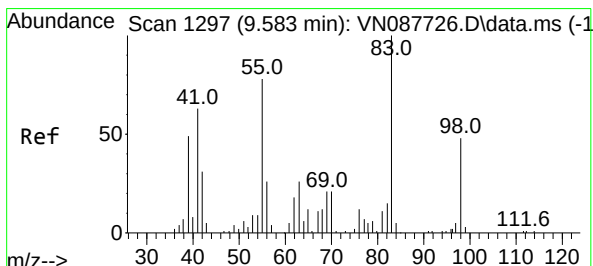
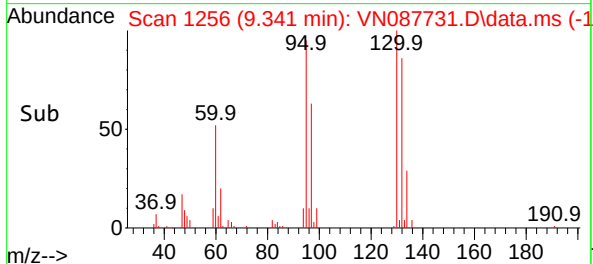
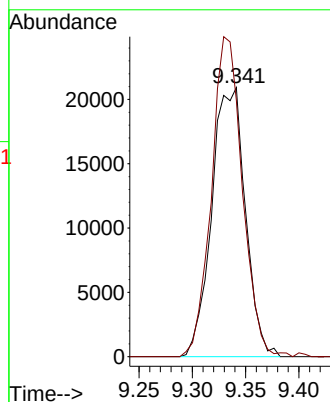
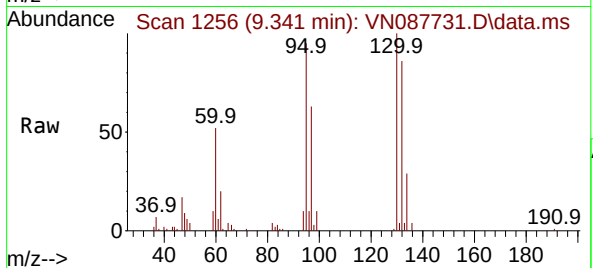




#37
Trichloroethene
Concen: 16.598 ug/l
RT: 9.341 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

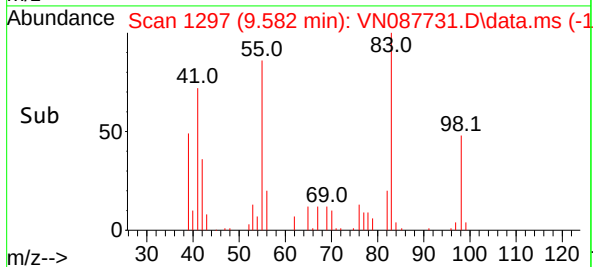
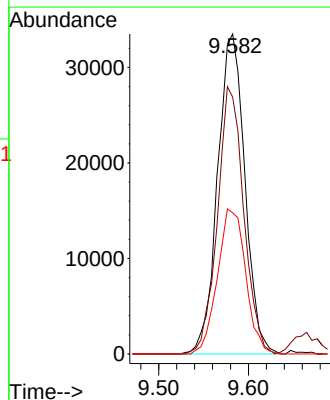
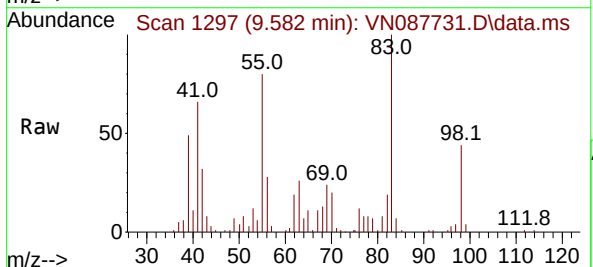
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

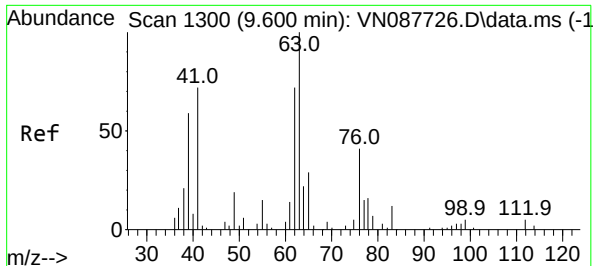
Tgt Ion:130 Resp: 45924
Ion Ratio Lower Upper
130 100
95 95.3 82.7 124.1



#38
Methylcyclohexane
Concen: 16.745 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 83 Resp: 70612
Ion Ratio Lower Upper
83 100
55 80.5 40.4 121.1
98 46.9 24.0 72.0

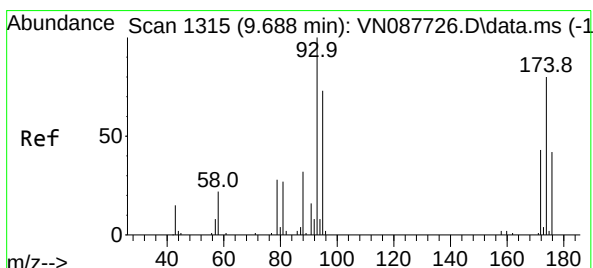
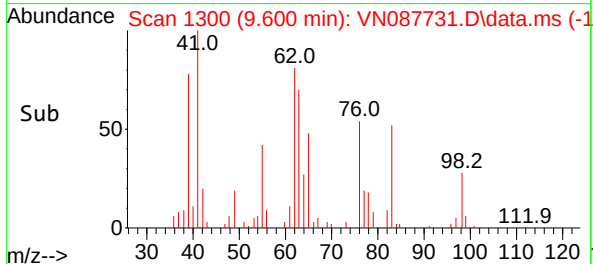
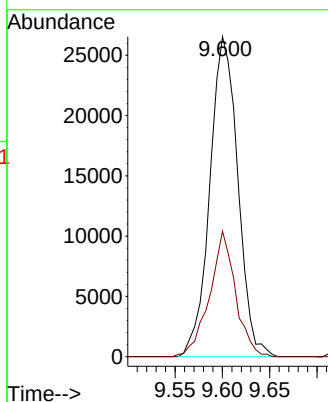
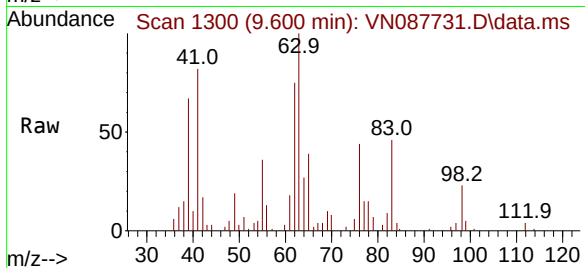




#39
1,2-Dichloropropane
Concen: 17.248 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

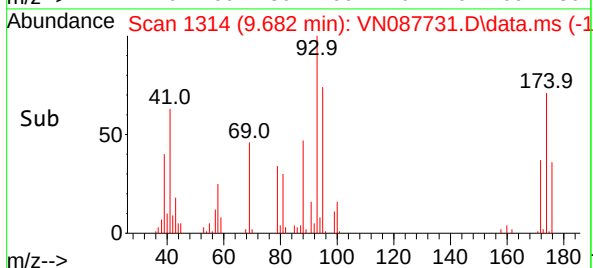
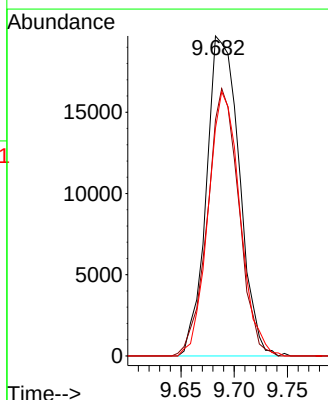
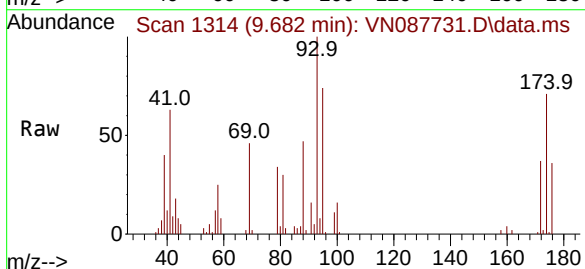
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

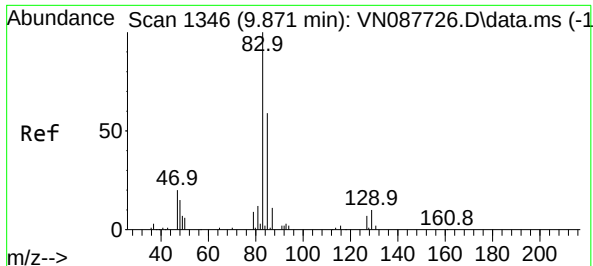
Tgt Ion: 63 Resp: 54676
Ion Ratio Lower Upper
63 100
65 39.2 24.1 36.1#



#40
Dibromomethane
Concen: 17.941 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 93 Resp: 42325
Ion Ratio Lower Upper
93 100
95 79.7 0.0 168.4
174 79.8 0.0 162.8

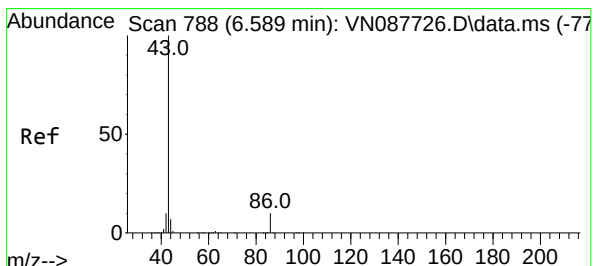
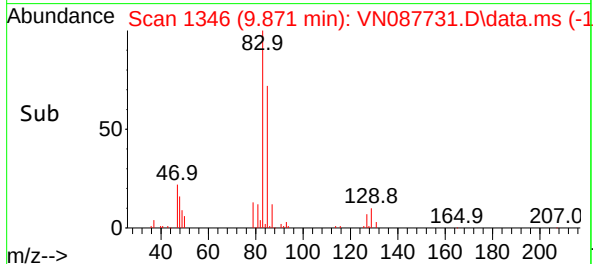
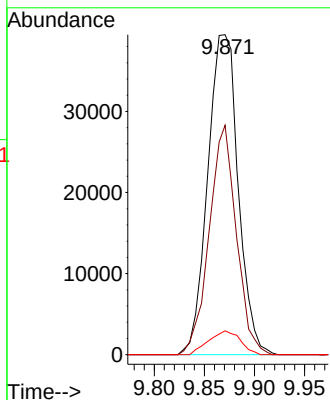
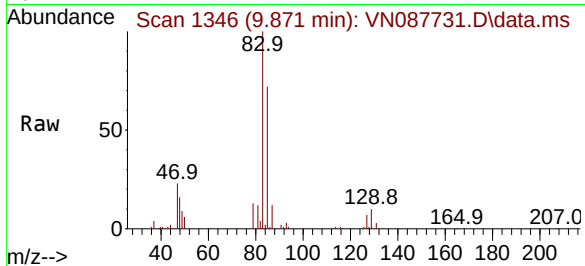




#41
Bromodichloromethane
Concen: 17.353 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

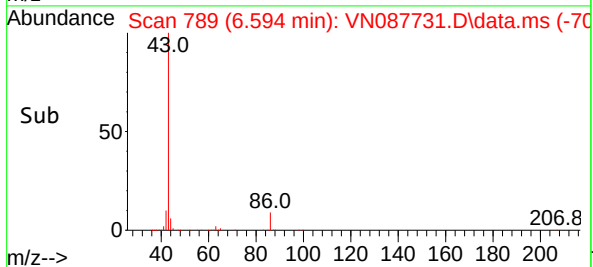
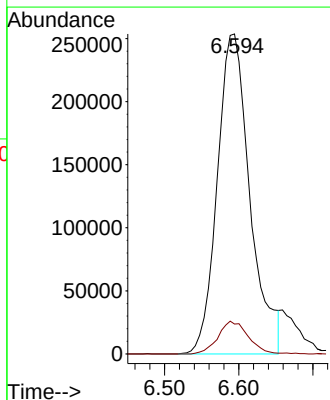
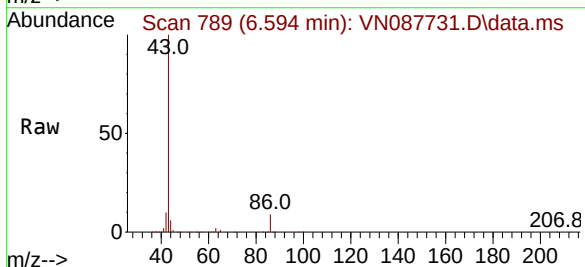
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

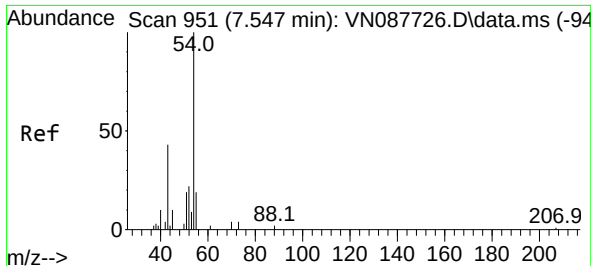
Tgt Ion: 83 Resp: 83672
Ion Ratio Lower Upper
83 100
85 71.7 47.3 70.9#
127 7.4 5.2 7.8



#42
Vinyl Acetate
Concen: 88.211 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 43 Resp: 777536
Ion Ratio Lower Upper
43 100
86 9.4 7.7 11.5

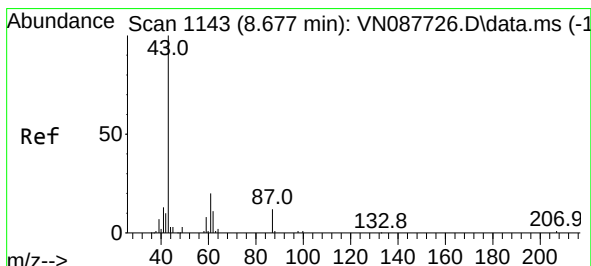
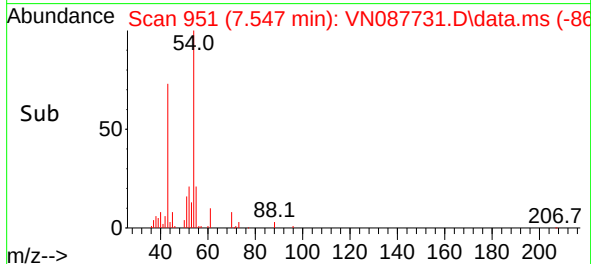
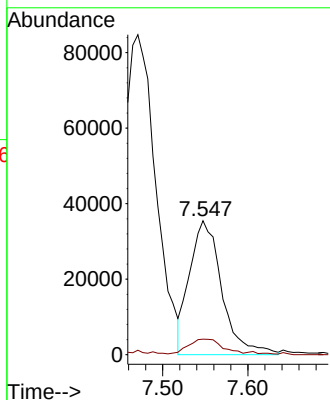
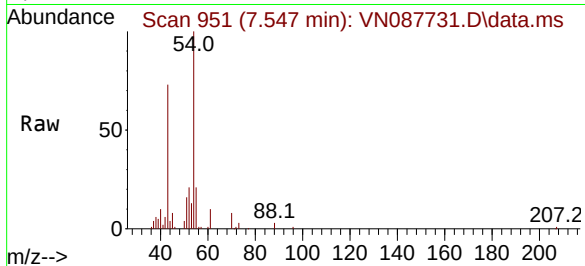




#43
Ethyl Acetate
Concen: 17.318 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

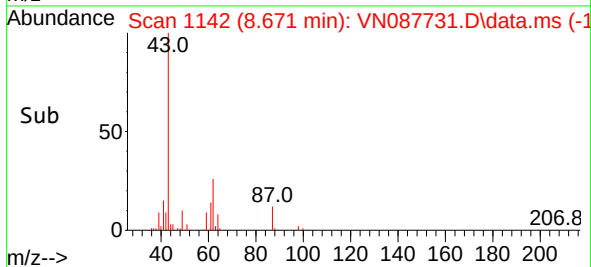
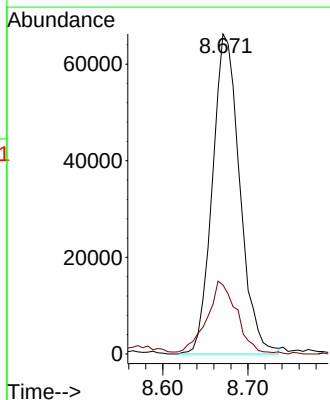
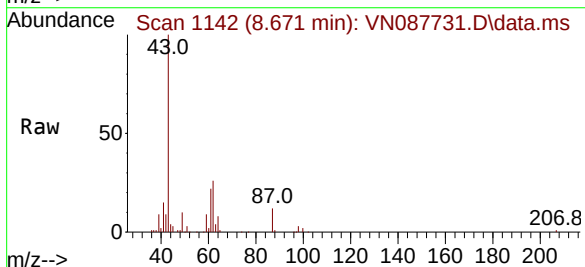
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

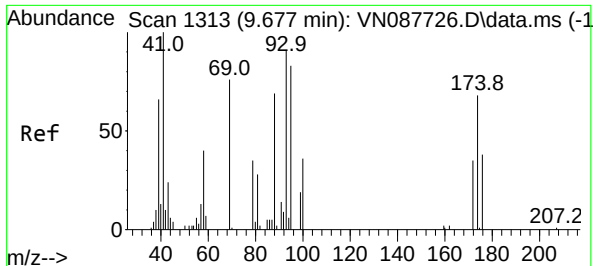
Tgt Ion: 43 Resp: 93344
Ion Ratio Lower Upper
43 100
45 12.3 10.5 15.7



#44
Isopropyl Acetate
Concen: 17.448 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 43 Resp: 147433
Ion Ratio Lower Upper
43 100
61 25.2 19.5 29.3





#45

1,4-Dioxane

Concen: 352.976 ug/l

RT: 9.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087731.D

Acq: 04 Sep 2025 18:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090425

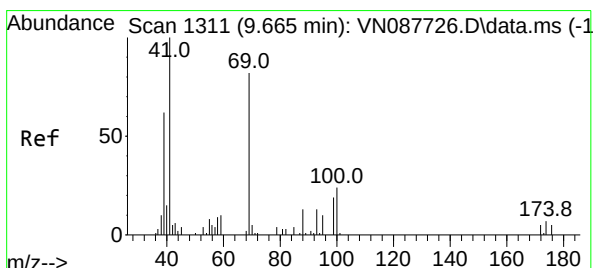
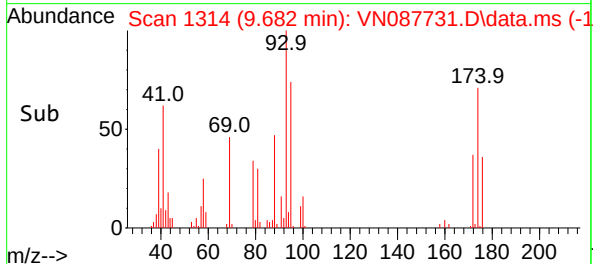
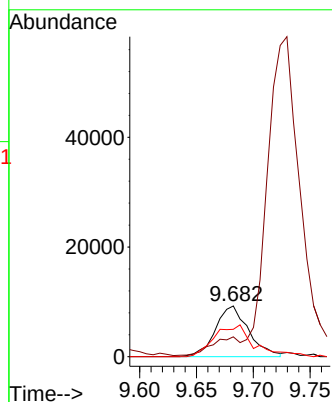
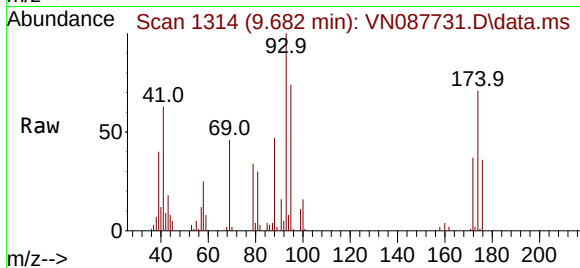
Tgt Ion: 88 Resp: 18809

Ion Ratio Lower Upper

88 100

43 30.6 23.6 35.4

58 20.9 60.5 90.7#



#46

Methyl methacrylate

Concen: 17.410 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN087731.D

Acq: 04 Sep 2025 18:28

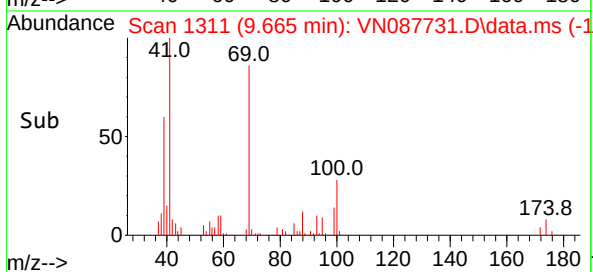
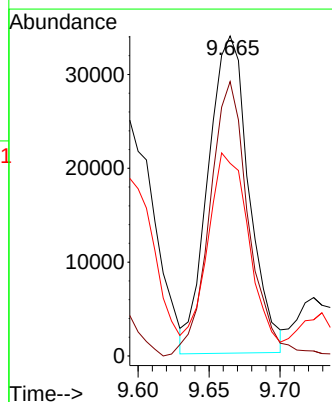
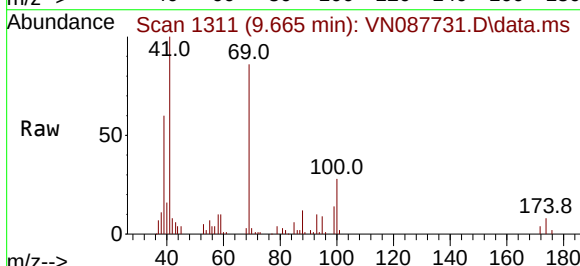
Tgt Ion: 41 Resp: 67807

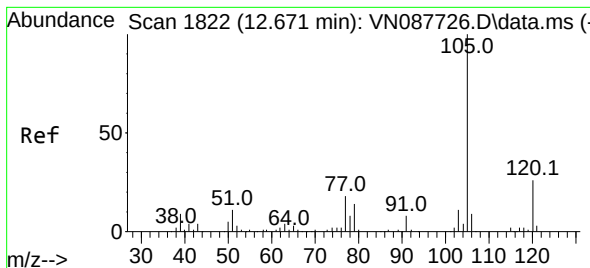
Ion Ratio Lower Upper

41 100

69 89.5 40.3 120.9

39 60.9 31.9 95.9





#47

n-amy1 Acetate

Concen: 0.408 ug/l

RT: 12.676 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087731.D

Acq: 04 Sep 2025 18:28

Instrument :

MSVOA_N

ClientSampleId :

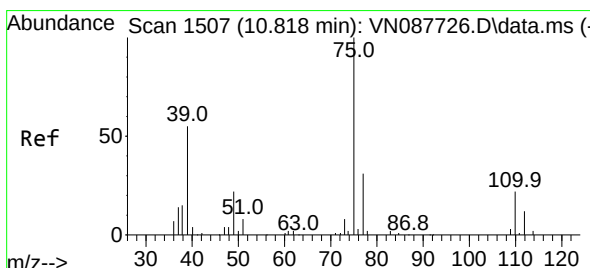
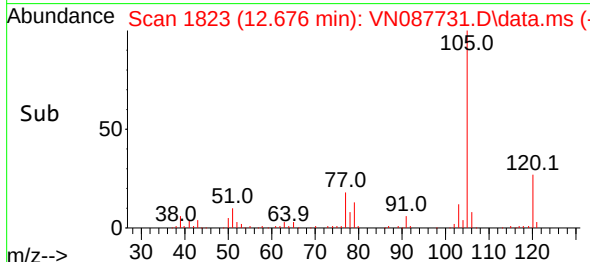
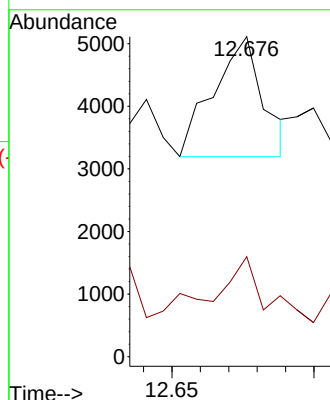
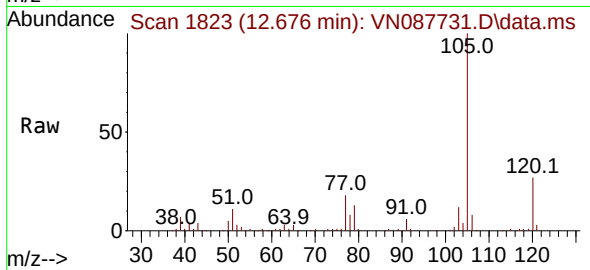
ICVVN090425

Tgt Ion: 43 Resp: 2329

Ion Ratio Lower Upper

43 100

55 49.1 0.7 1.1#



#48

t-1,3-Dichloropropene

Concen: 17.087 ug/l

RT: 10.818 min Scan# 1507

Delta R.T. -0.000 min

Lab File: VN087731.D

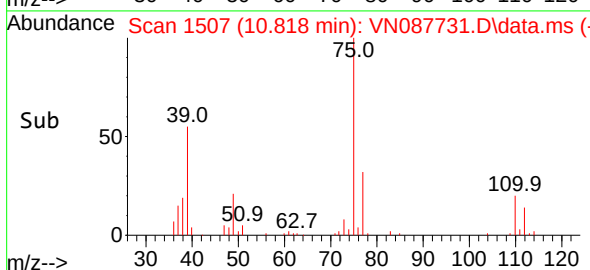
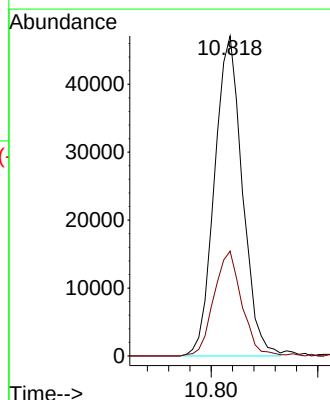
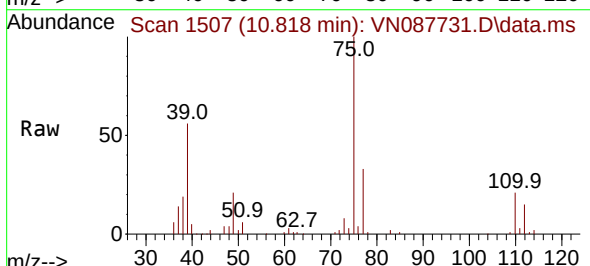
Acq: 04 Sep 2025 18:28

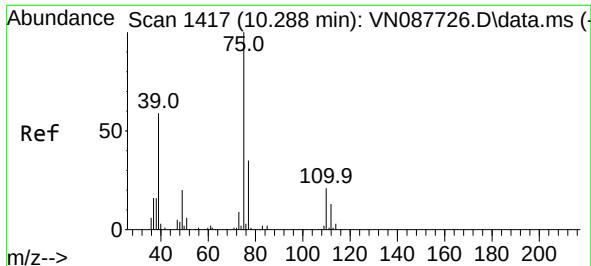
Tgt Ion: 75 Resp: 85569

Ion Ratio Lower Upper

75 100

77 32.8 24.7 37.1





#49

cis-1,3-Dichloropropene

Concen: 17.239 ug/l

RT: 10.294 min Scan# 1418

Delta R.T. 0.006 min

Lab File: VN087731.D

Acq: 04 Sep 2025 18:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090425

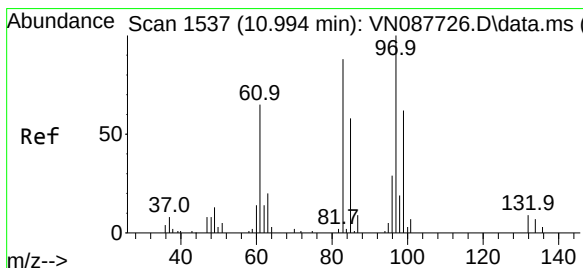
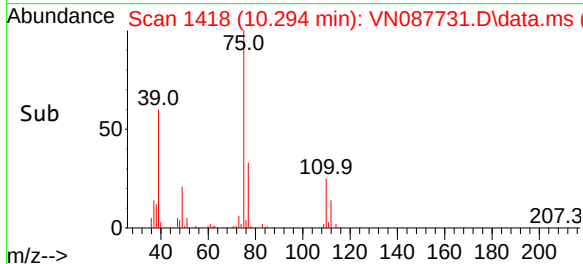
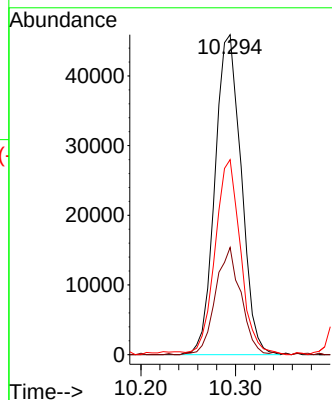
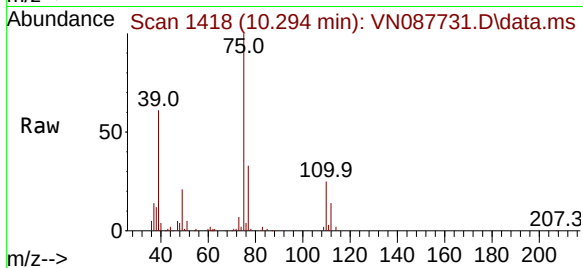
Tgt Ion: 75 Resp: 88428

Ion Ratio Lower Upper

75 100

77 33.5 27.8 41.6

39 60.5 47.6 71.4



#50

1,1,2-Trichloroethane

Concen: 17.648 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. -0.000 min

Lab File: VN087731.D

Acq: 04 Sep 2025 18:28

Tgt Ion: 97 Resp: 53774

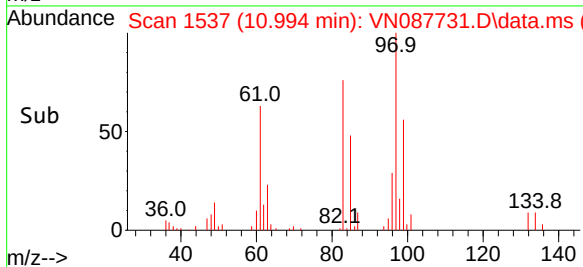
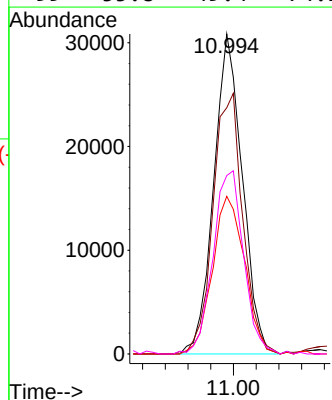
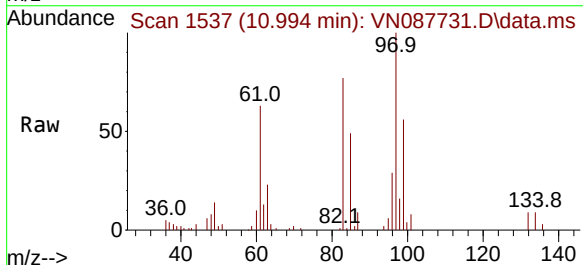
Ion Ratio Lower Upper

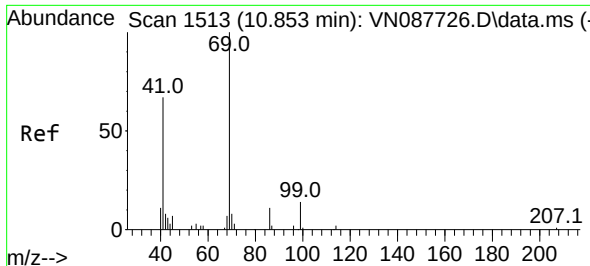
97 100

83 77.0 70.5 105.7

85 49.3 46.3 69.5

99 55.8 49.4 74.2

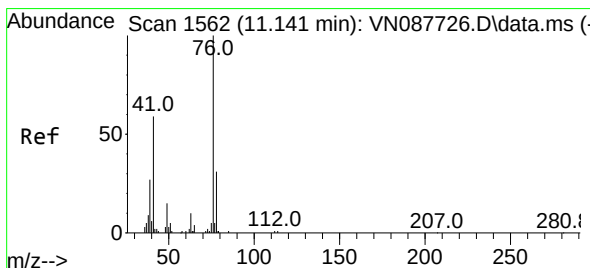
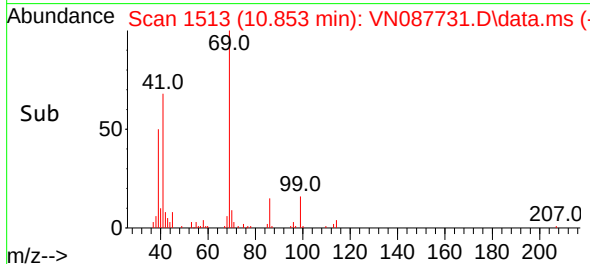
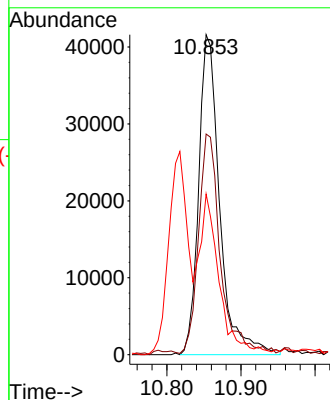
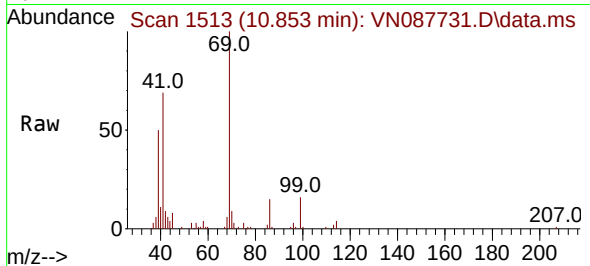




#51
Ethyl methacrylate
Concen: 17.320 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

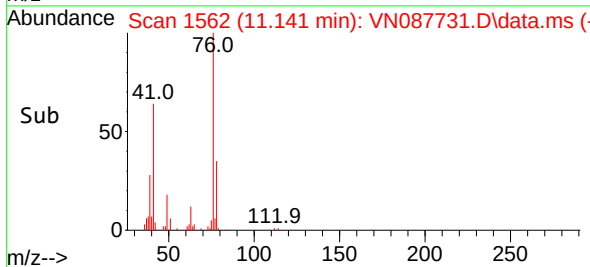
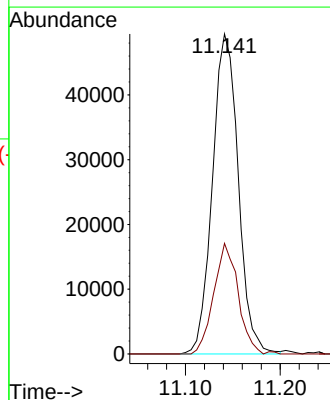
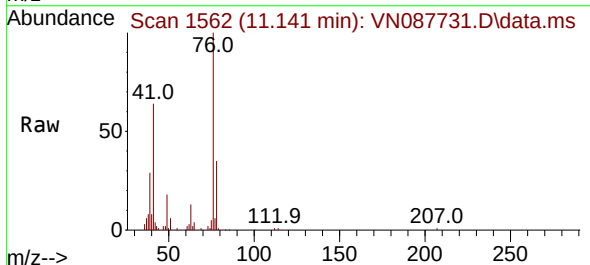
Instrument :
MSVOA_N
ClientSampleId :
ICV090425

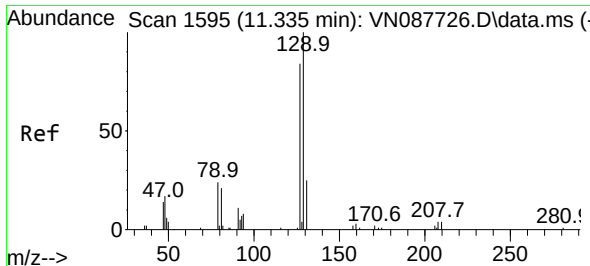
Tgt Ion: 69 Resp: 82131
Ion Ratio Lower Upper
69 100
41 68.5 33.7 101.0
39 49.3 20.3 60.9



#52
1,3-Dichloropropane
Concen: 17.687 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 76 Resp: 93581
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.2

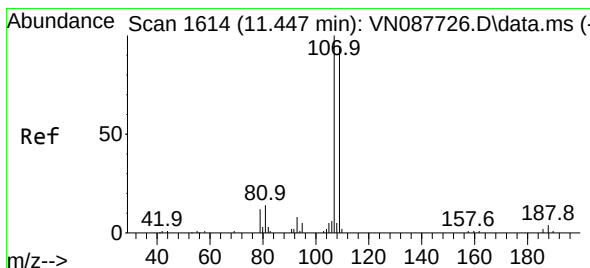
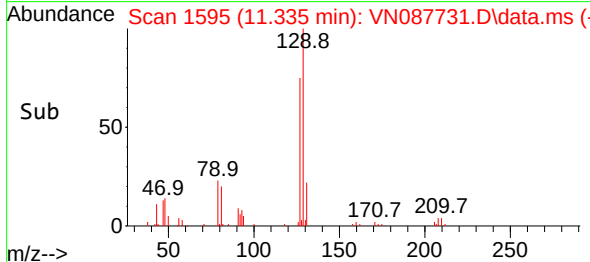
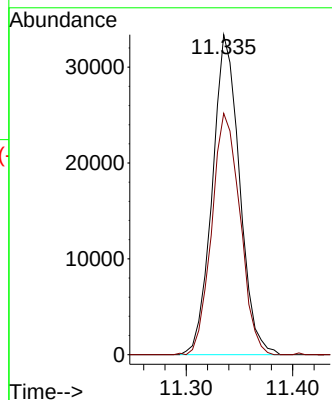
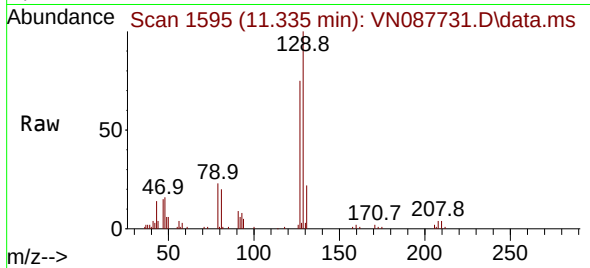




#53
Dibromochloromethane
Concen: 17.347 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

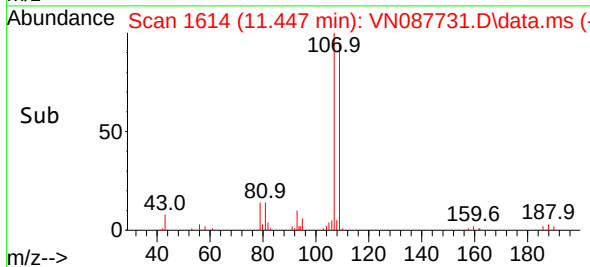
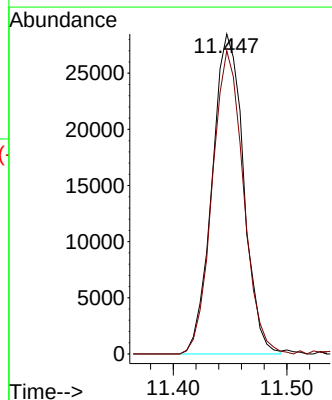
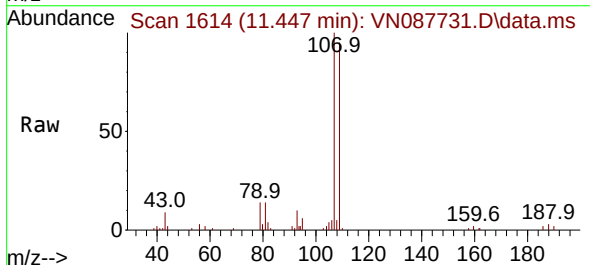
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

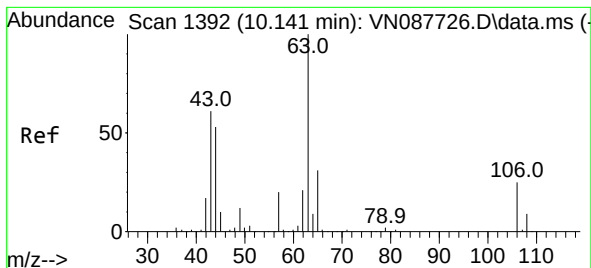
Tgt Ion:129 Resp: 59265
Ion Ratio Lower Upper
129 100
127 78.2 42.6 128.0



#54
1,2-Dibromoethane
Concen: 17.241 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion:107 Resp: 54662
Ion Ratio Lower Upper
107 100
109 94.2 74.6 112.0

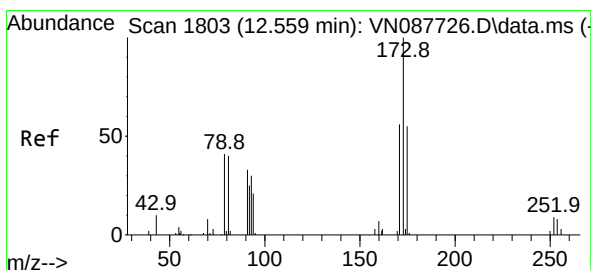
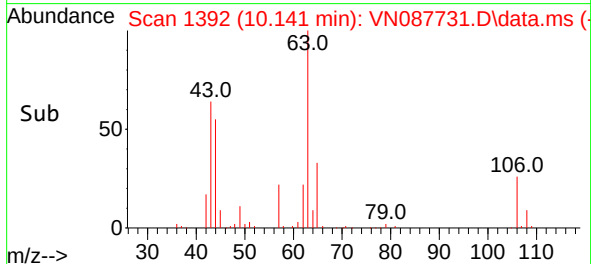
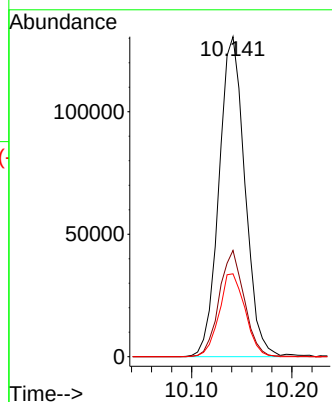
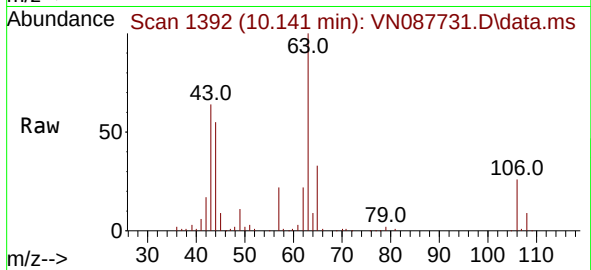




#55
2-Chloroethyl vinyl ether
Concen: 86.104 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

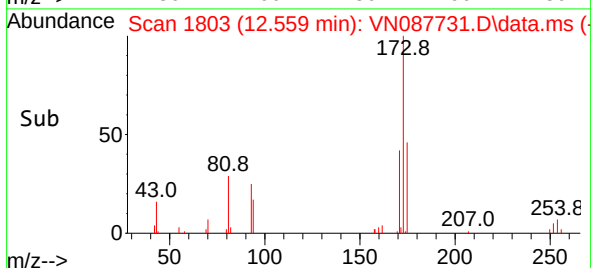
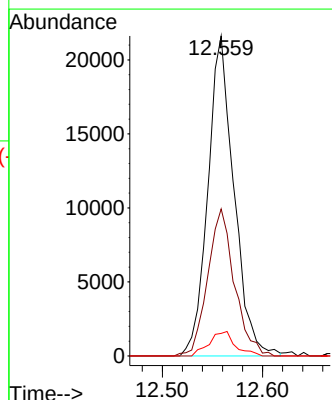
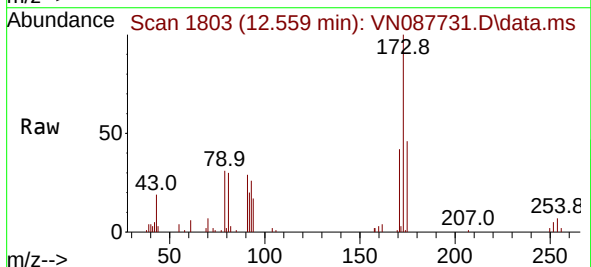
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

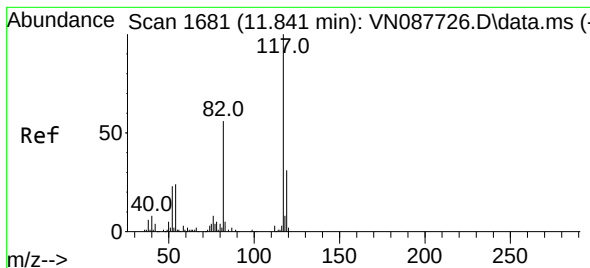
Tgt Ion: 63 Resp: 233941
Ion Ratio Lower Upper
63 100
65 32.1 26.6 40.0
106 26.0 21.1 31.7



#56
Bromoform
Concen: 17.508 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 173 Resp: 39062
Ion Ratio Lower Upper
173 100
175 46.8 39.8 59.6
254 7.7 6.2 9.4

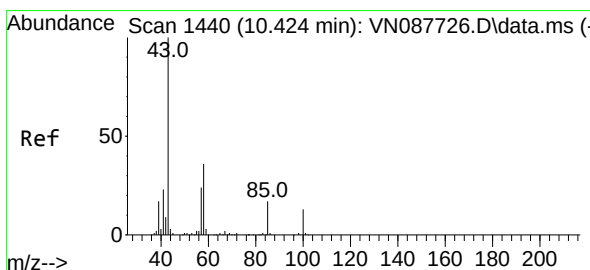
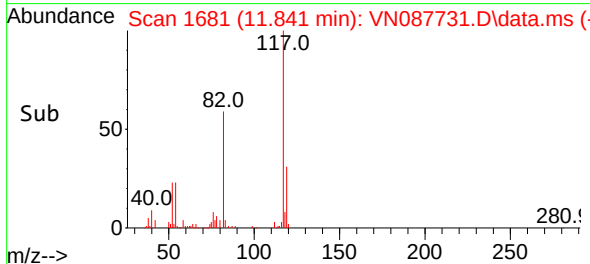
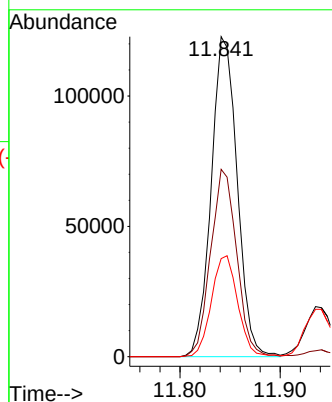
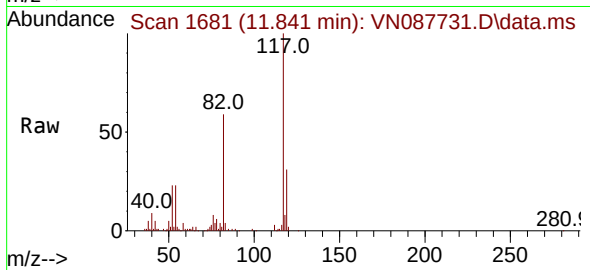




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

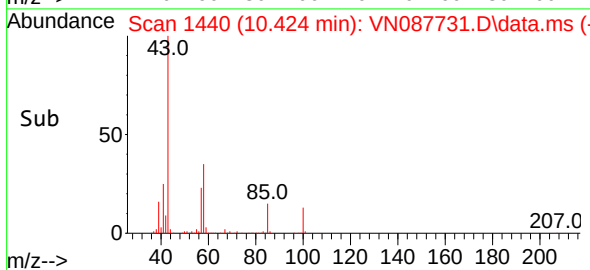
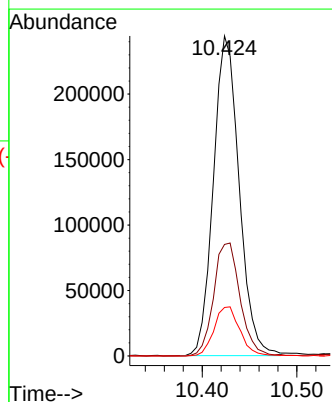
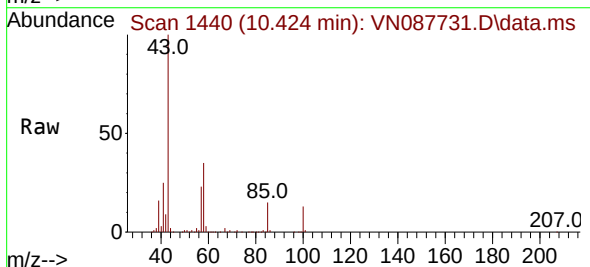
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

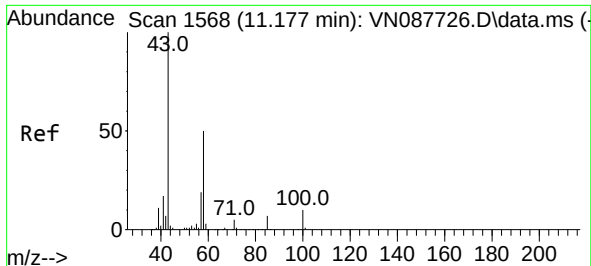
Tgt Ion:117 Resp: 221185
Ion Ratio Lower Upper
117 100
82 58.7 45.9 68.9
119 31.9 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 88.138 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 43 Resp: 460953
Ion Ratio Lower Upper
43 100
58 36.2 29.6 44.4
85 15.5 13.0 19.4

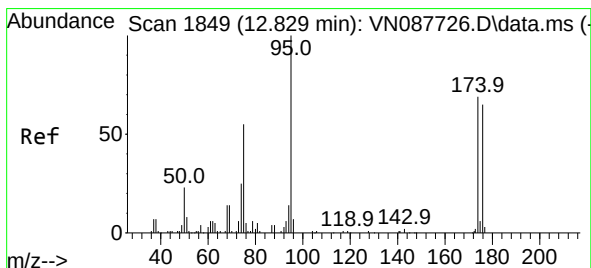
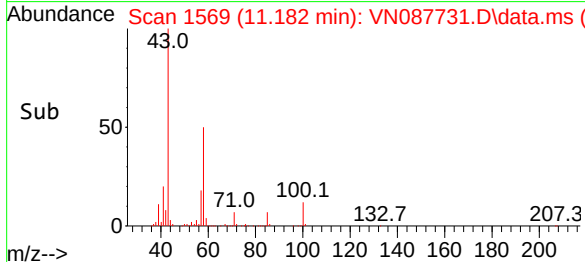
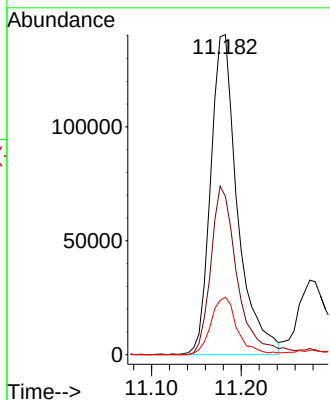
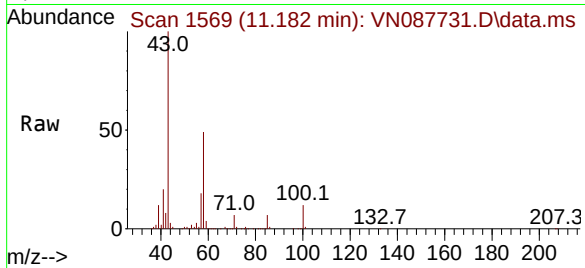




#59
2-Hexanone
Concen: 85.197 ug/l
RT: 11.182 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

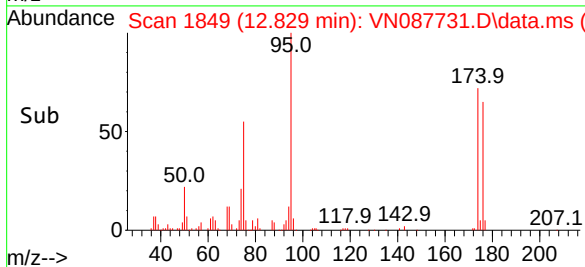
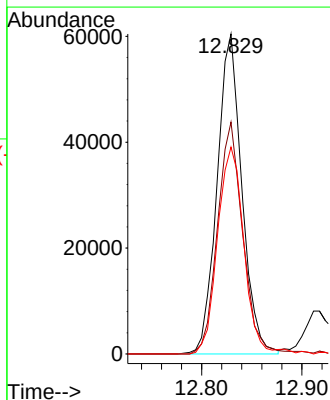
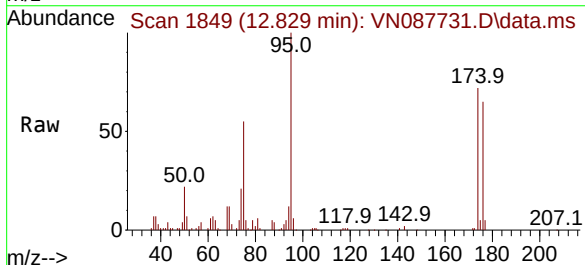
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

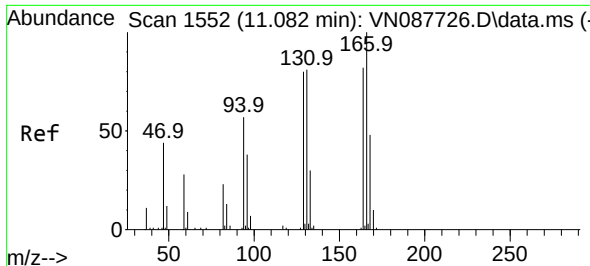
Tgt Ion: 43 Resp: 291153
Ion Ratio Lower Upper
43 100
58 52.0 40.2 60.4
57 17.4 13.7 20.5



#60
4-Bromofluorobenzene
Concen: 29.200 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 95 Resp: 103848
Ion Ratio Lower Upper
95 100
174 73.4 55.4 83.0
176 67.6 51.5 77.3

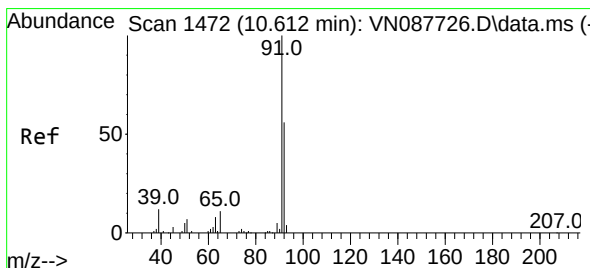
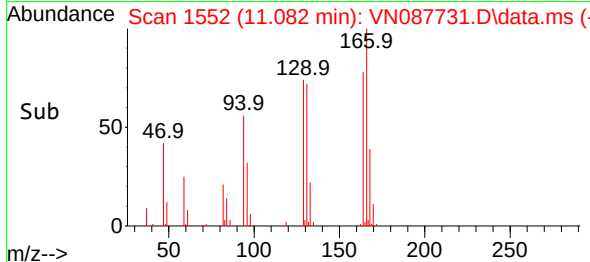
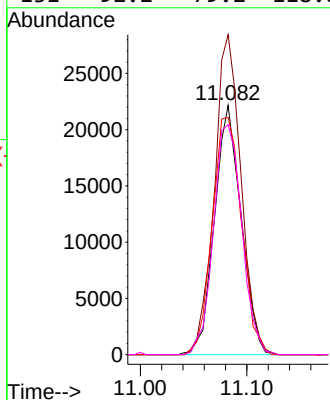
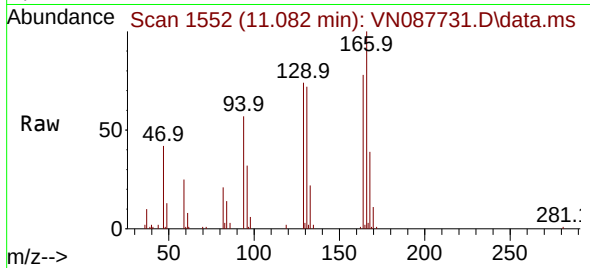




#61
Tetrachloroethene
Concen: 17.528 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

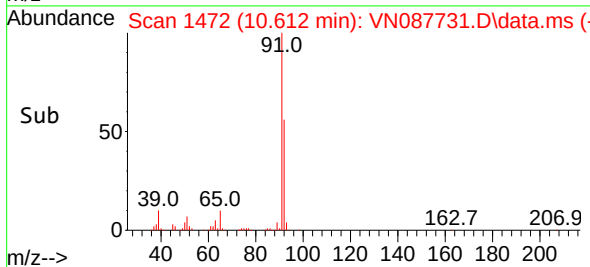
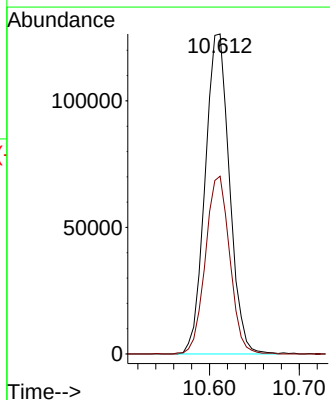
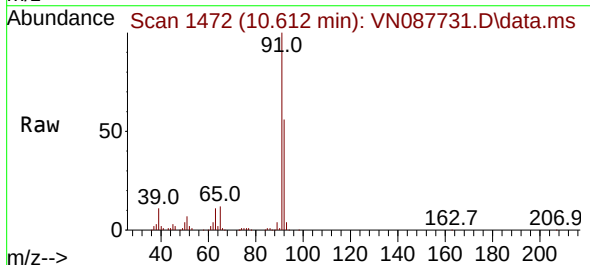
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

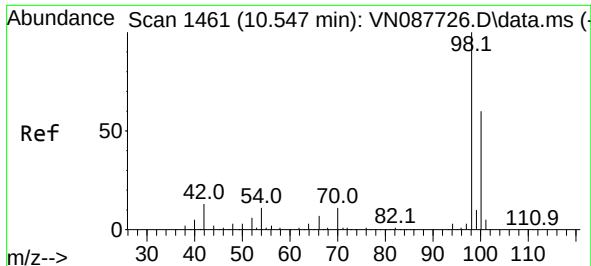
Tgt Ion:164 Resp: 38600
Ion Ratio Lower Upper
164 100
166 128.3 97.3 145.9
129 95.2 78.6 117.8
131 92.2 79.2 118.8



#62
Toluene
Concen: 17.829 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 91 Resp: 238533
Ion Ratio Lower Upper
91 100
92 55.3 45.4 68.0

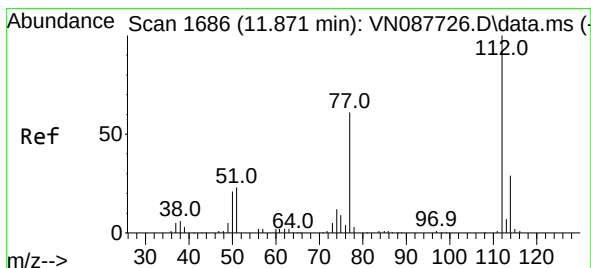
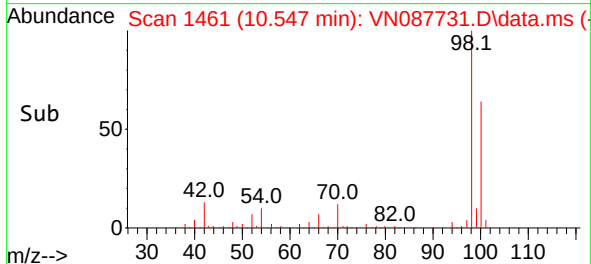
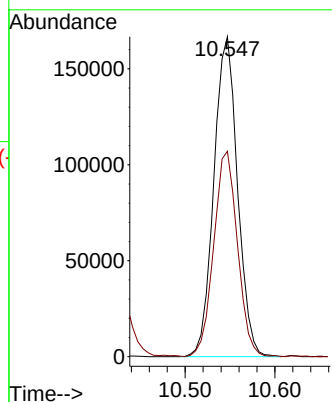
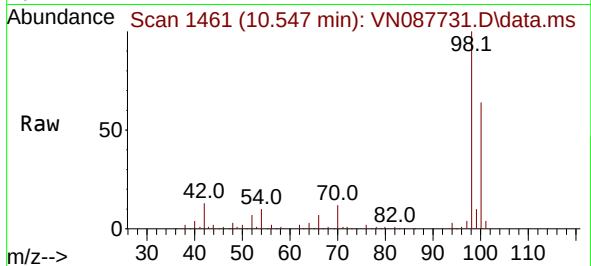




#63
Toluene-d8
Concen: 29.682 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

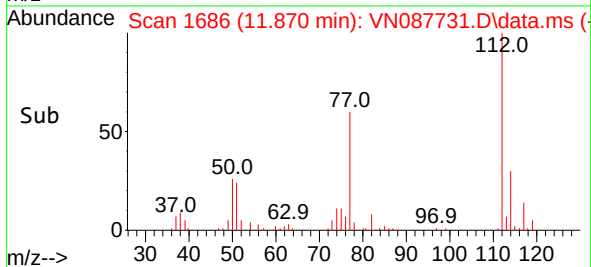
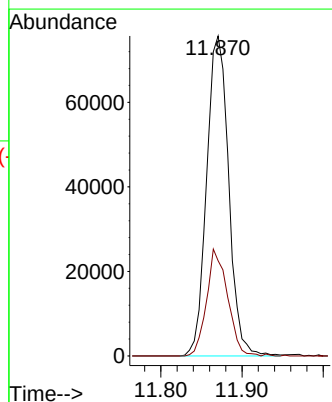
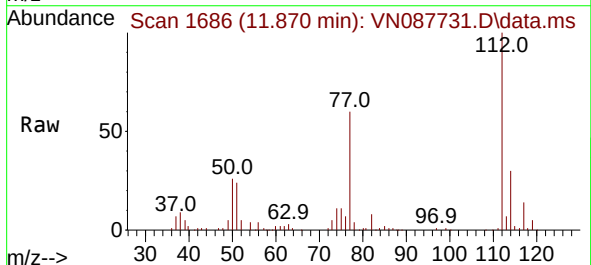
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

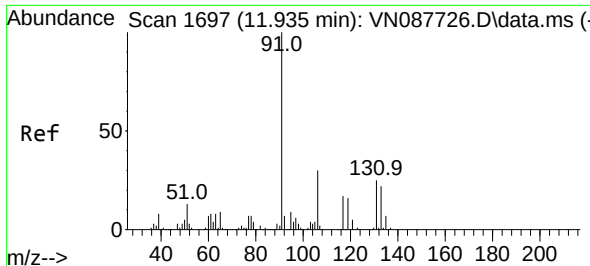
Tgt Ion: 98 Resp: 305314
Ion Ratio Lower Upper
98 100
100 64.3 50.6 76.0



#64
Chlorobenzene
Concen: 17.382 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 112 Resp: 142733
Ion Ratio Lower Upper
112 100
114 29.8 23.5 35.3

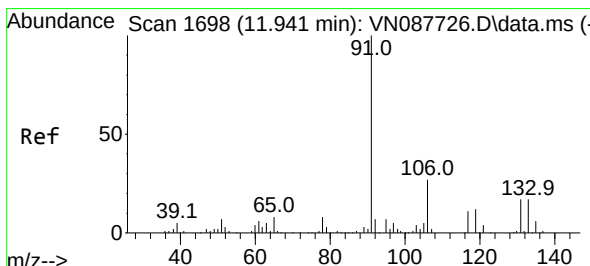
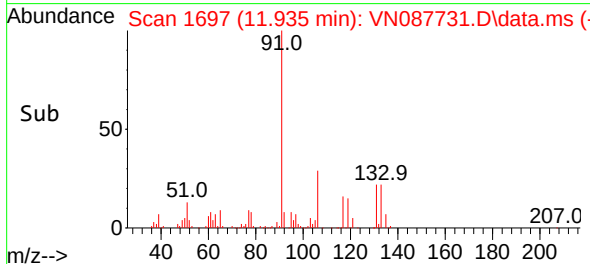
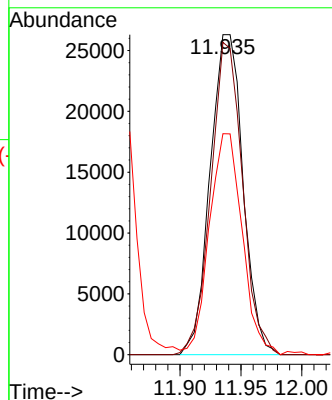
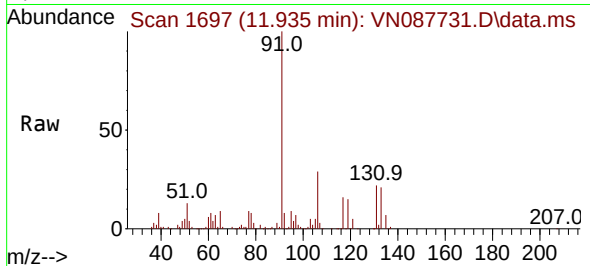




#65
1,1,1,2-Tetrachloroethane
Concen: 17.110 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

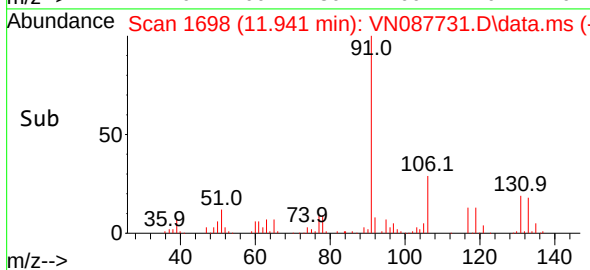
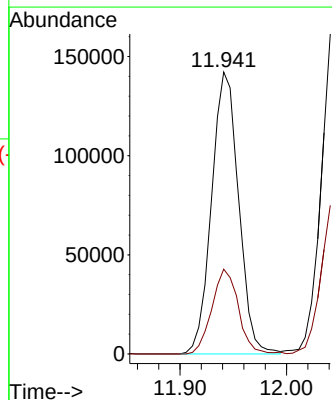
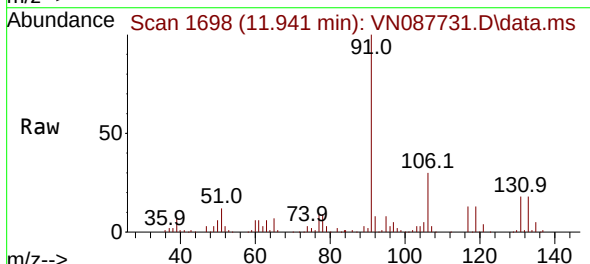
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

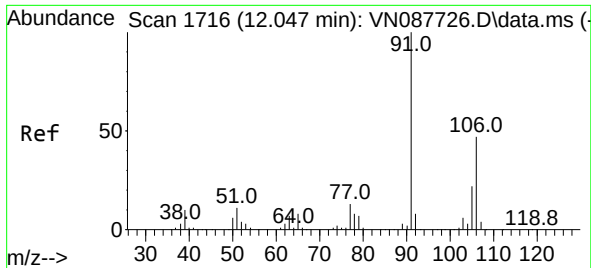
Tgt Ion:131 Resp: 49466
Ion Ratio Lower Upper
131 100
133 93.9 0.0 195.8
119 68.9 0.0 139.0



#66
Ethyl Benzene
Concen: 17.361 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 91 Resp: 250582
Ion Ratio Lower Upper
91 100
106 30.1 21.3 31.9

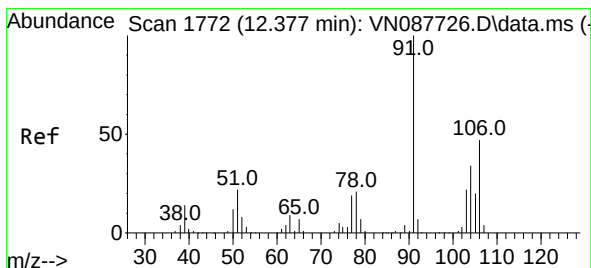
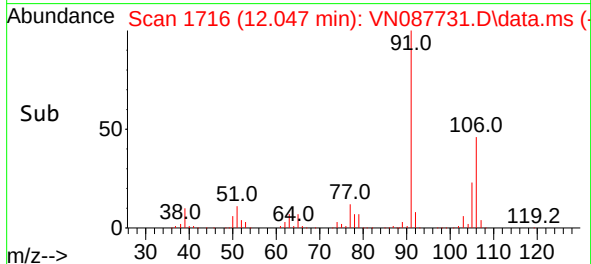
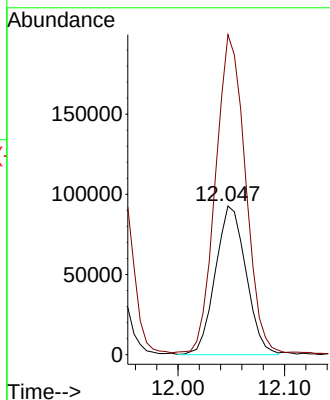
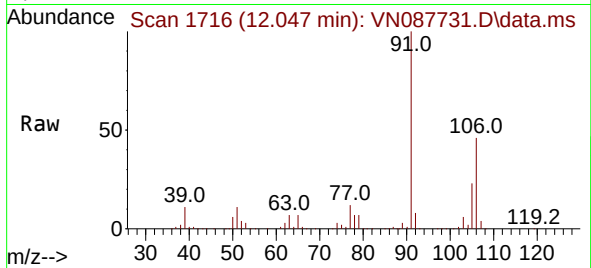




#67
m/p-Xylenes
Concen: 34.562 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

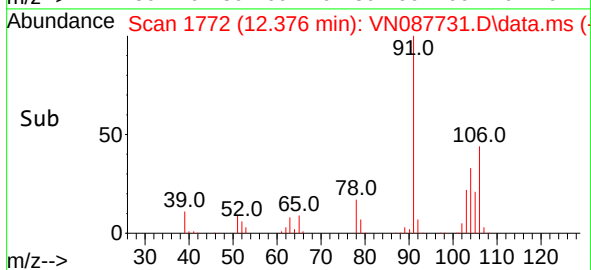
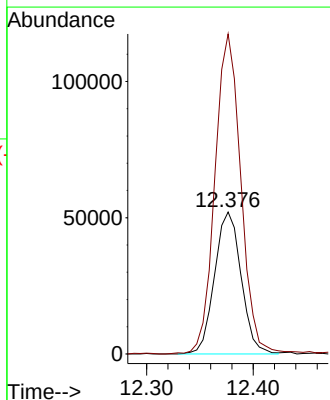
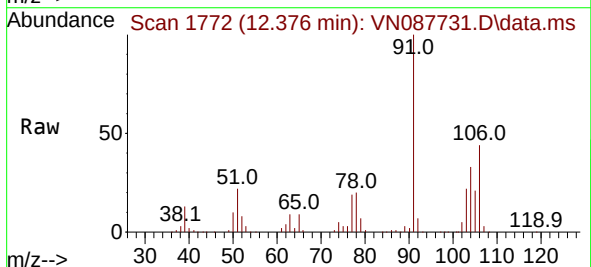
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

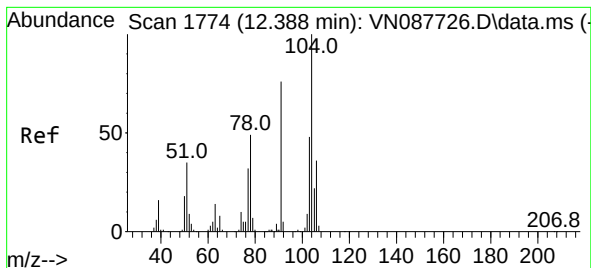
Tgt Ion:106 Resp: 185180
Ion Ratio Lower Upper
106 100
91 210.2 174.3 261.5



#68
o-Xylene
Concen: 17.377 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion:106 Resp: 90271
Ion Ratio Lower Upper
106 100
91 218.2 107.7 323.3





#69

Styrene

Concen: 16.798 ug/l

RT: 12.394 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087731.D

Acq: 04 Sep 2025 18:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090425

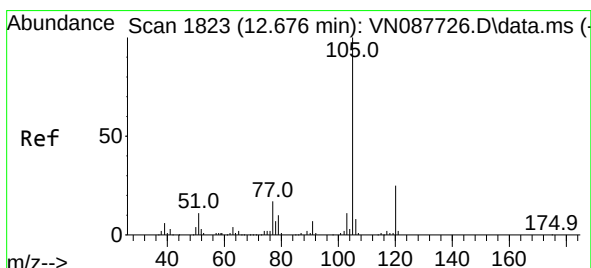
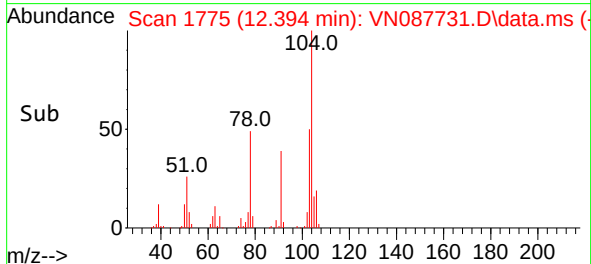
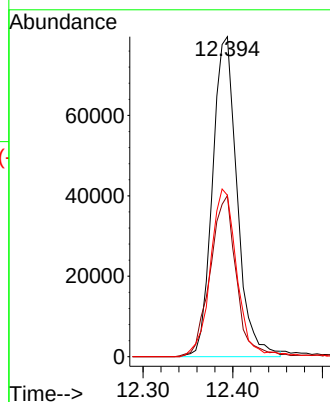
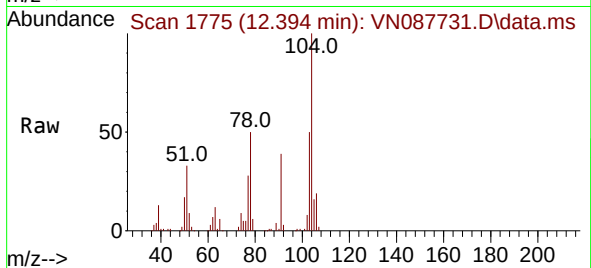
Tgt Ion:104 Resp: 151670

Ion Ratio Lower Upper

104 100

78 53.5 41.0 61.6

103 55.1 44.6 66.8



#70

Isopropylbenzene

Concen: 17.022 ug/l

RT: 12.670 min Scan# 1822

Delta R.T. -0.006 min

Lab File: VN087731.D

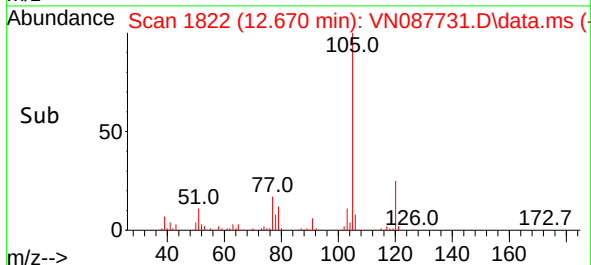
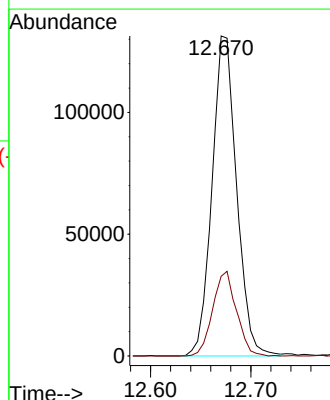
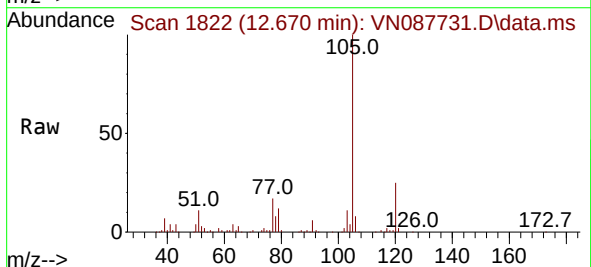
Acq: 04 Sep 2025 18:28

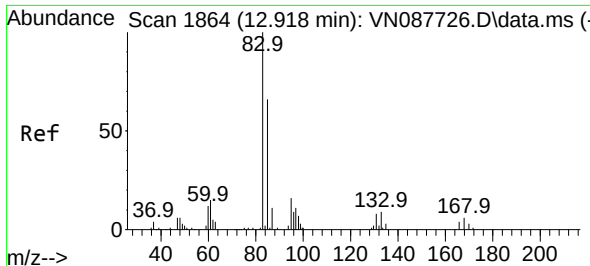
Tgt Ion:105 Resp: 224221

Ion Ratio Lower Upper

105 100

120 25.4 17.4 32.4

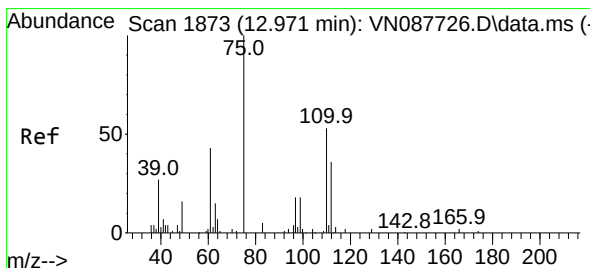
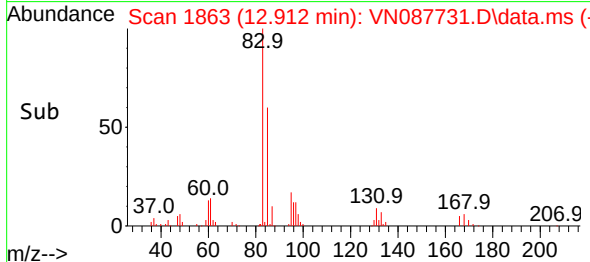
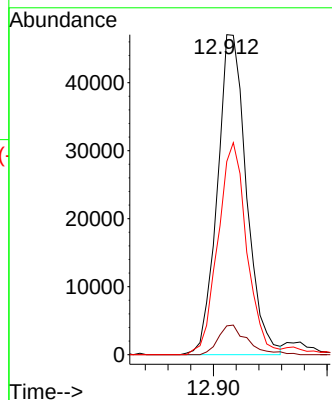
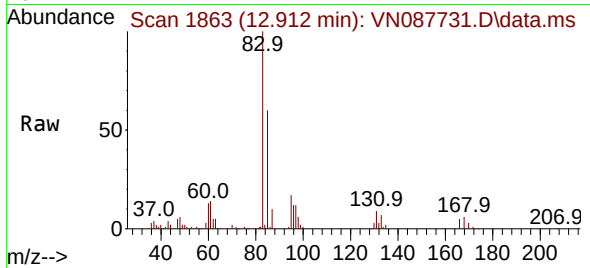




#71
1,1,2-Tetrachloroethane
Concen: 17.703 ug/l
RT: 12.912 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

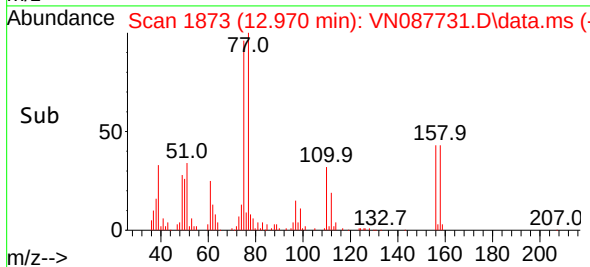
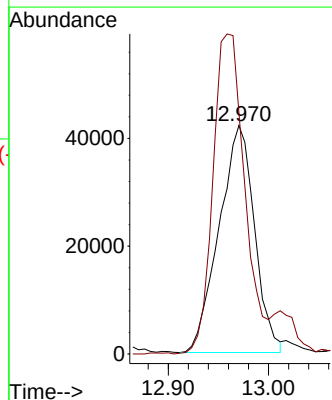
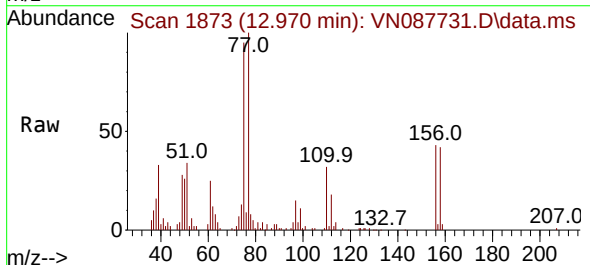
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

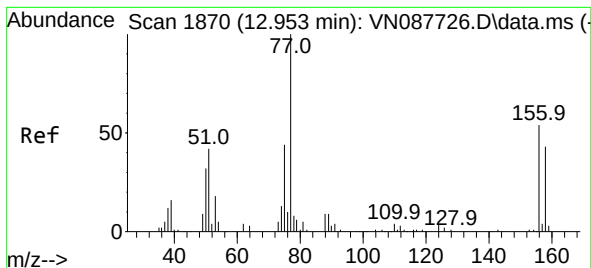
Tgt Ion: 83 Resp: 83832
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.3
85 65.5 31.9 95.7



#72
1,2,3-Trichloropropane
Concen: 22.239 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 75 Resp: 103400
Ion Ratio Lower Upper
75 100
77 126.7 0.0 378.8





#73

Bromobenzene

Concen: 17.154 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.006 min

Lab File: VN087731.D

Acq: 04 Sep 2025 18:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090425

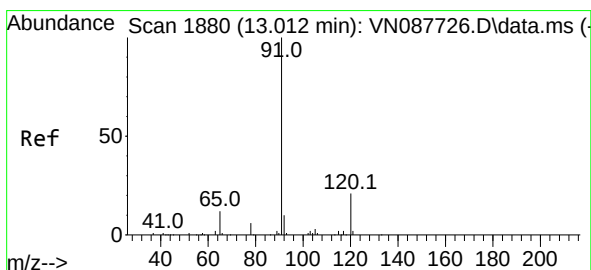
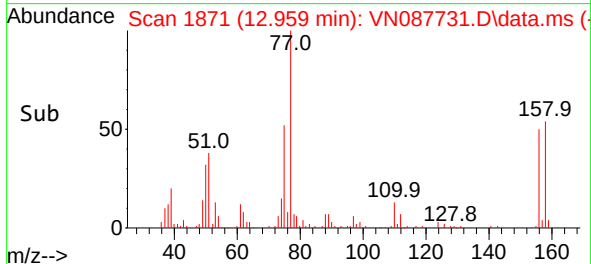
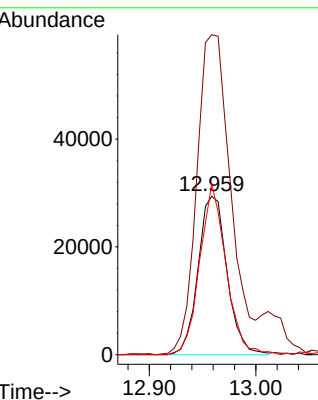
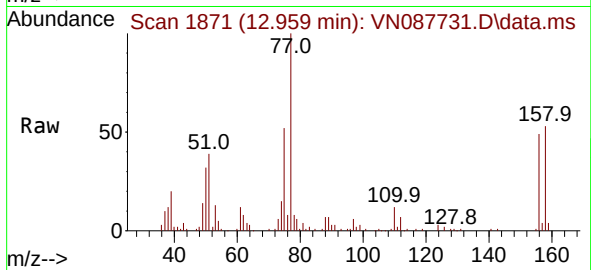
Tgt Ion:156 Resp: 55283

Ion Ratio Lower Upper

156 100

77 237.0 0.0 484.2

158 98.0 0.0 186.2



#74

n-propylbenzene

Concen: 17.141 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN087731.D

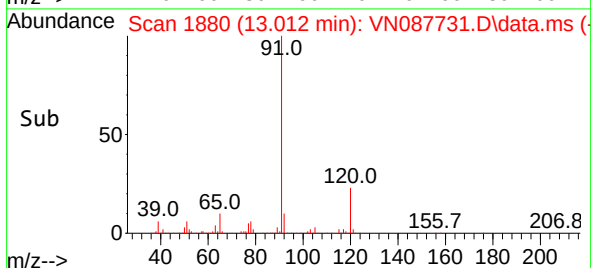
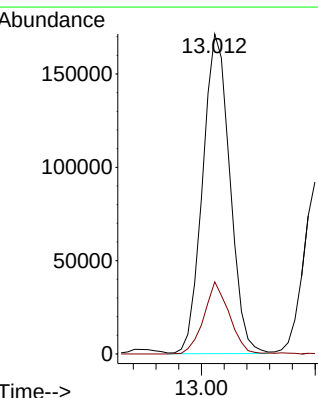
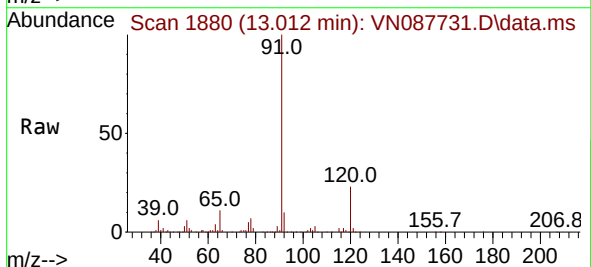
Acq: 04 Sep 2025 18:28

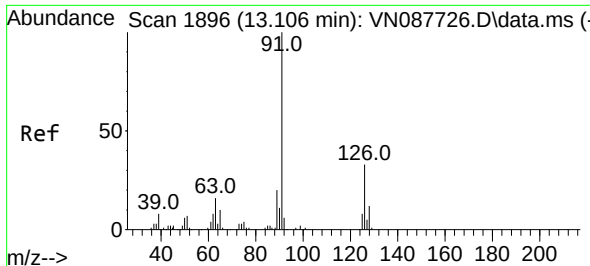
Tgt Ion: 91 Resp: 284881

Ion Ratio Lower Upper

91 100

120 20.8 0.0 42.2

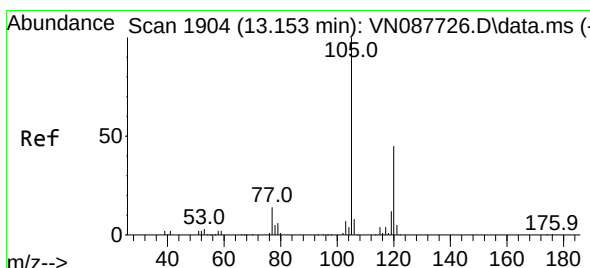
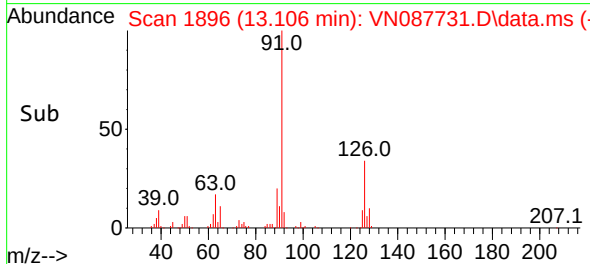
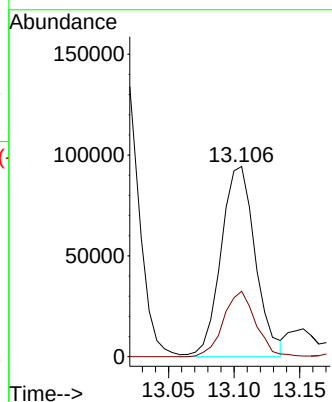
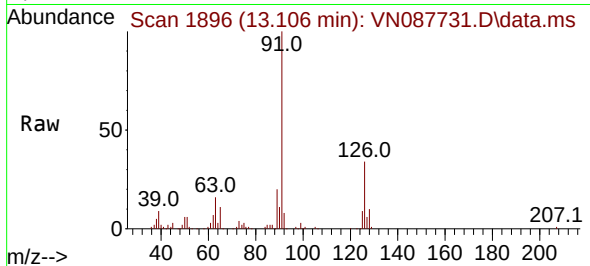




#75
2-Chlorotoluene
Concen: 17.173 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

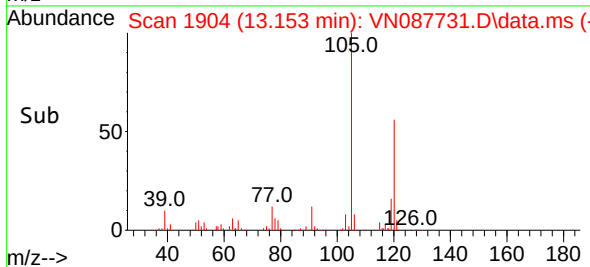
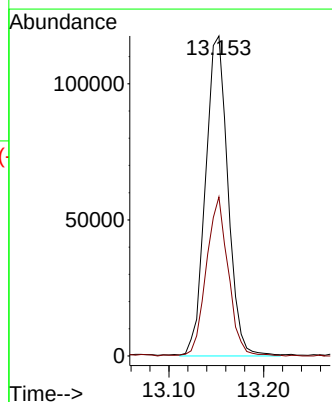
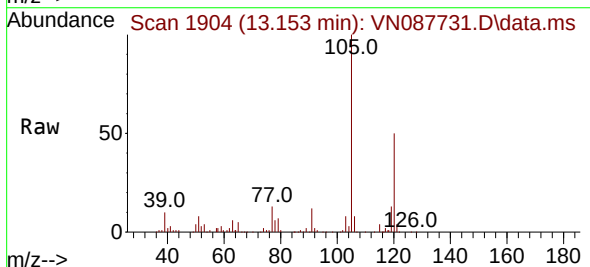
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

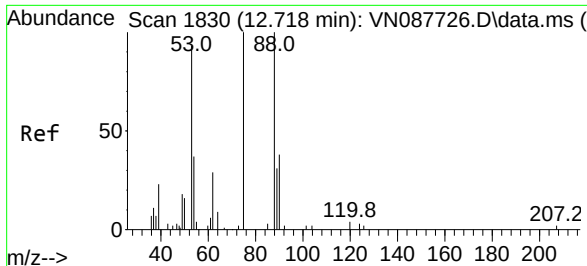
Tgt Ion: 91 Resp: 171781
Ion Ratio Lower Upper
91 100
126 32.4 0.0 60.4



#76
1,3,5-Trimethylbenzene
Concen: 17.393 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 105 Resp: 193466
Ion Ratio Lower Upper
105 100
120 48.5 0.0 92.6

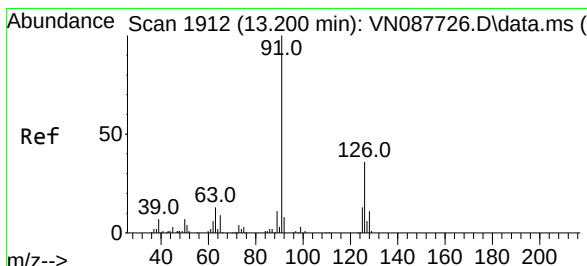
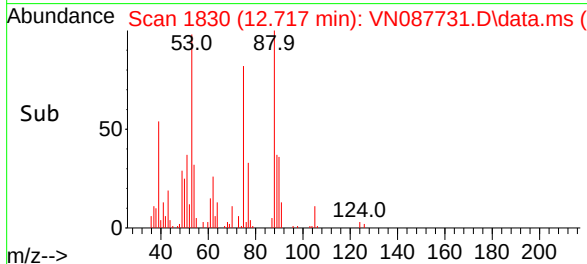
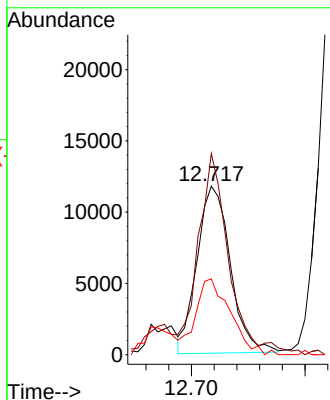
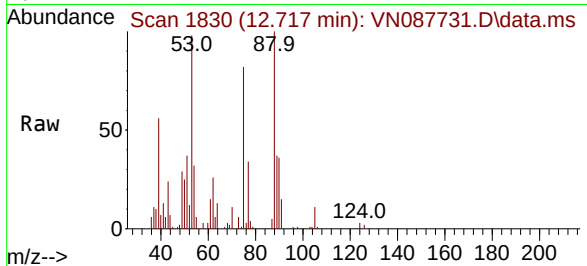




#77
t-1,4-Dichloro-2-butene
Concen: 15.243 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

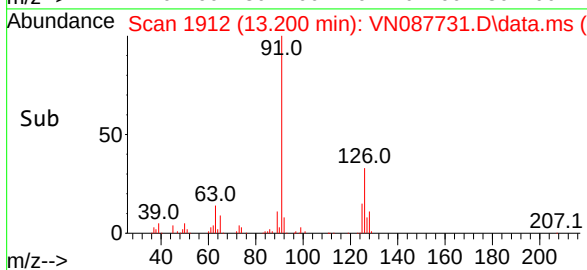
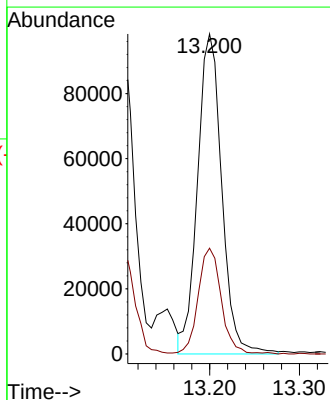
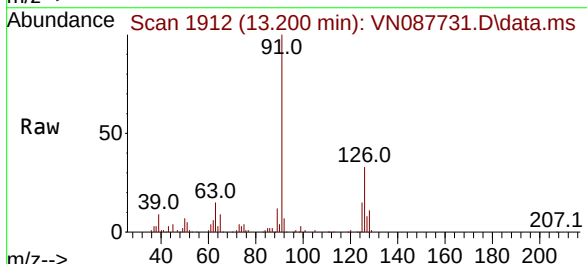
Instrument :
MSVOA_N
ClientSampleId :
ICV090425

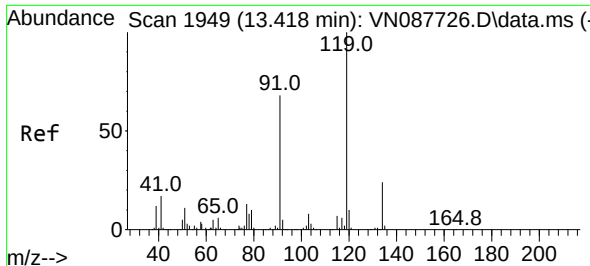
Tgt Ion: 75 Resp: 23921
Ion Ratio Lower Upper
75 100
53 118.3 45.3 135.9
89 46.1 18.8 56.3



#78
4-Chlorotoluene
Concen: 18.280 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 91 Resp: 184349
Ion Ratio Lower Upper
91 100
126 31.2 0.0 67.0

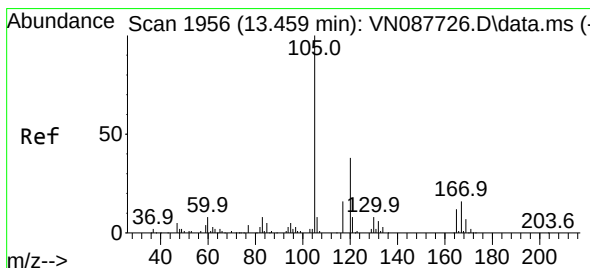
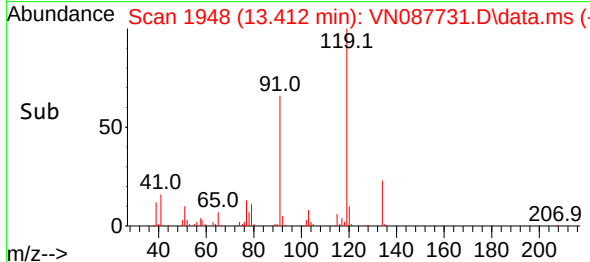
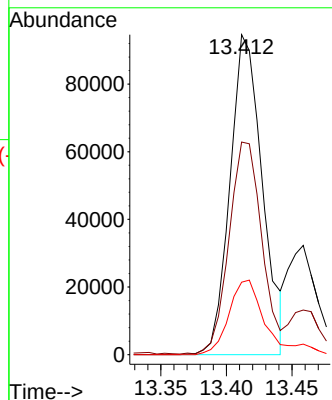
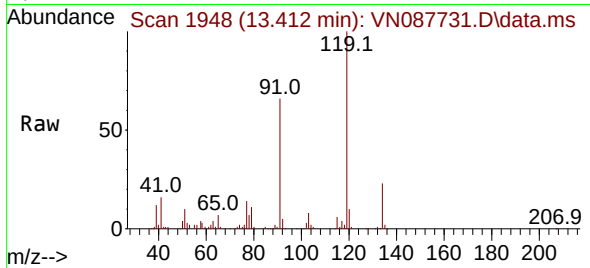




#79
tert-butylbenzene
Concen: 17.436 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

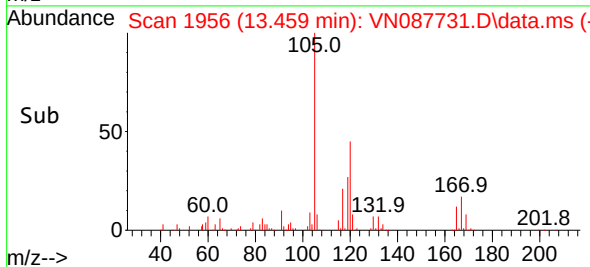
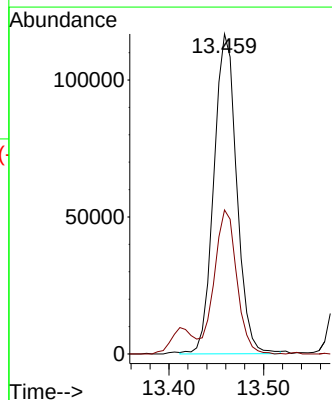
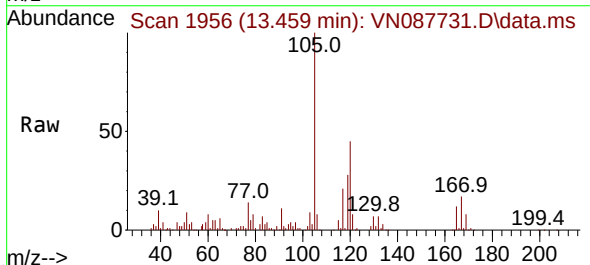
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

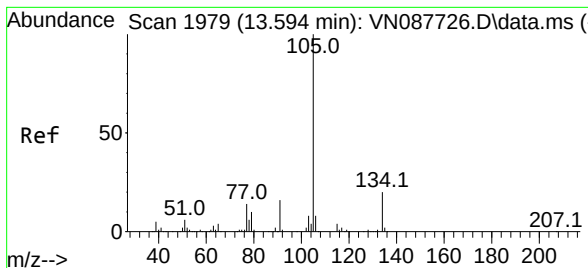
Tgt Ion:119 Resp: 162429
Ion Ratio Lower Upper
119 100
91 66.9 0.0 142.6
134 24.5 0.0 47.2



#80
1,2,4-Trimethylbenzene
Concen: 17.154 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion:105 Resp: 195624
Ion Ratio Lower Upper
105 100
120 44.4 0.0 86.6

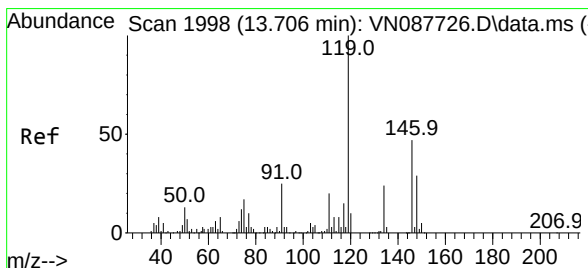
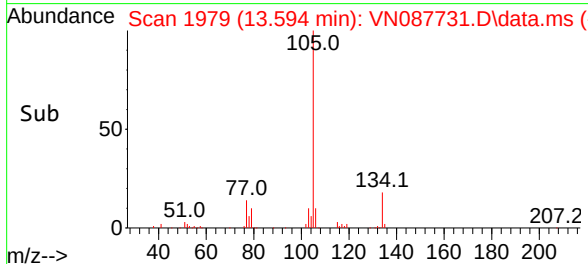
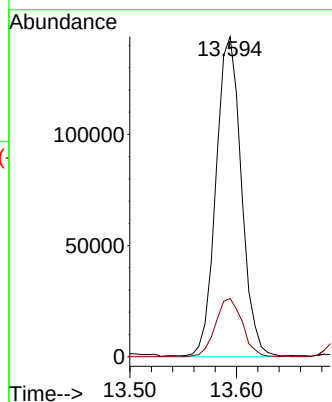
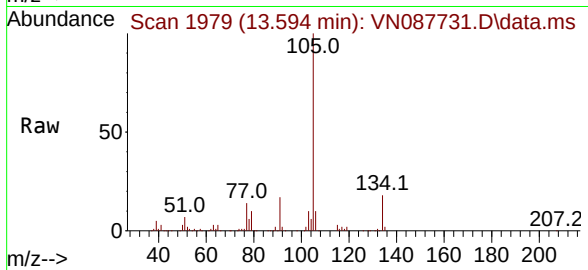




#81
 sec-Butylbenzene
 Concen: 17.385 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087731.D
 Acq: 04 Sep 2025 18:28

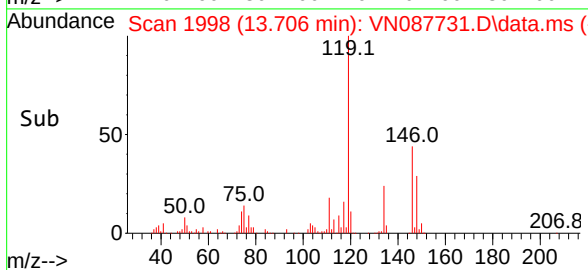
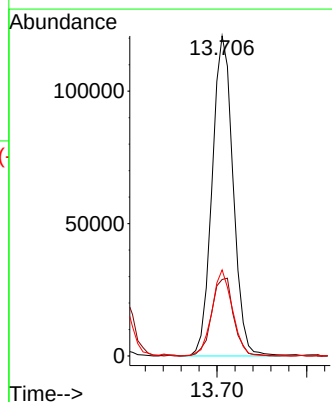
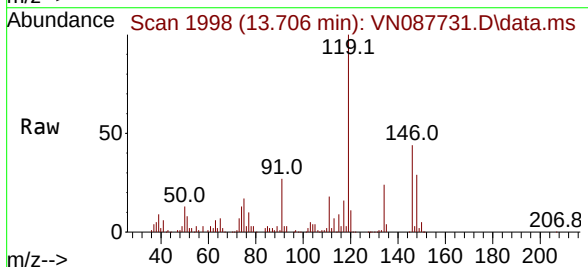
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN090425

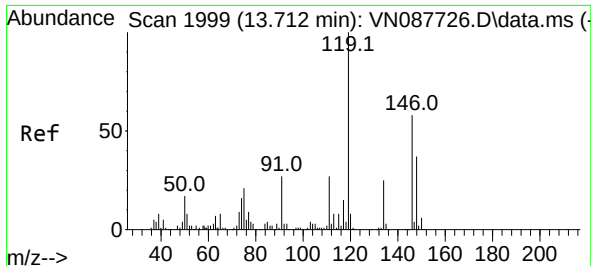
Tgt Ion:105 Resp: 238215
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 37.0



#82
 p-Isopropyltoluene
 Concen: 17.337 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087731.D
 Acq: 04 Sep 2025 18:28

Tgt Ion:119 Resp: 195729
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 49.4
 91 26.2 0.0 52.2

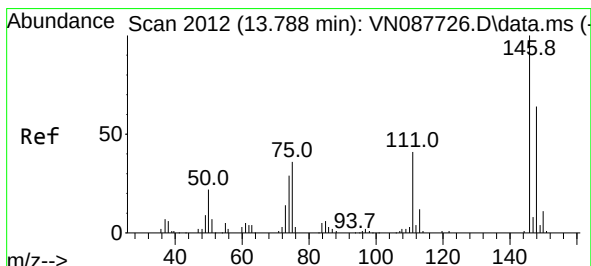
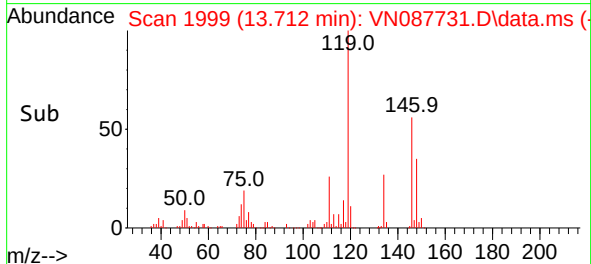
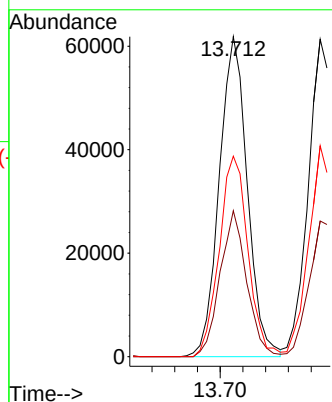
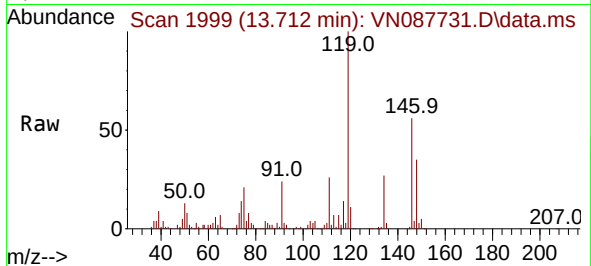




#83
 1,3-Dichlorobenzene
 Concen: 17.075 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087731.D
 Acq: 04 Sep 2025 18:28

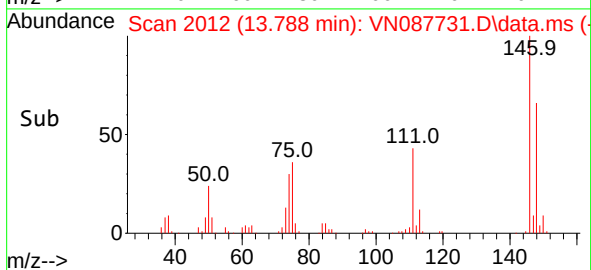
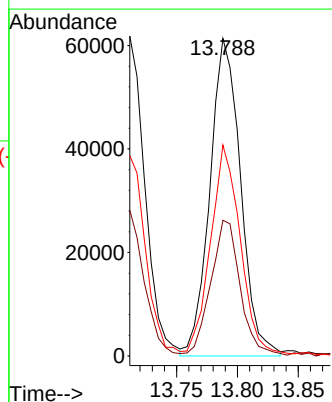
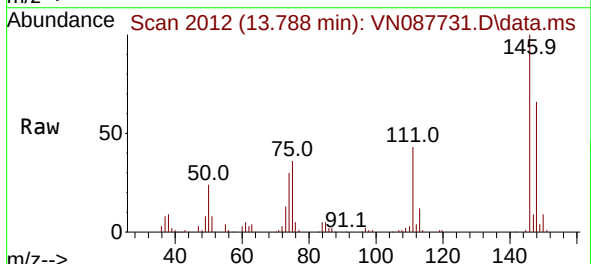
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090425

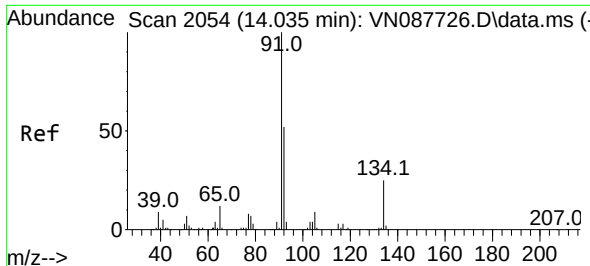
Tgt Ion:146 Resp: 106089
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.1 63.4
 148 64.2 31.0 93.0



#84
 1,4-Dichlorobenzene
 Concen: 17.287 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN087731.D
 Acq: 04 Sep 2025 18:28

Tgt Ion:146 Resp: 107657
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.2 60.5
 148 64.6 31.5 94.5

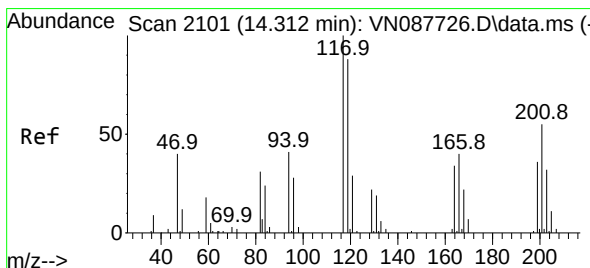
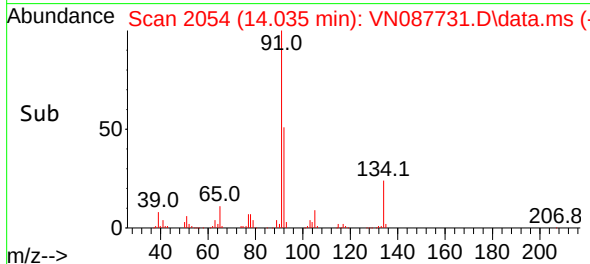
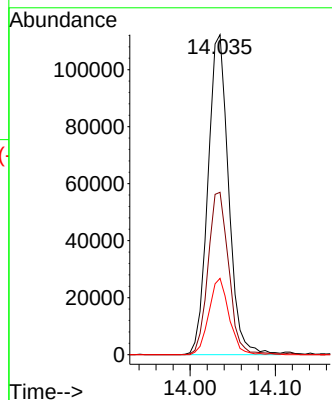
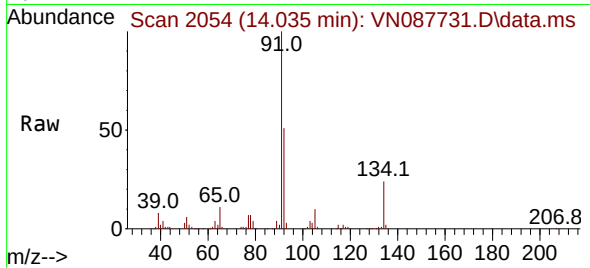




#85
n-Butylbenzene
Concen: 17.390 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

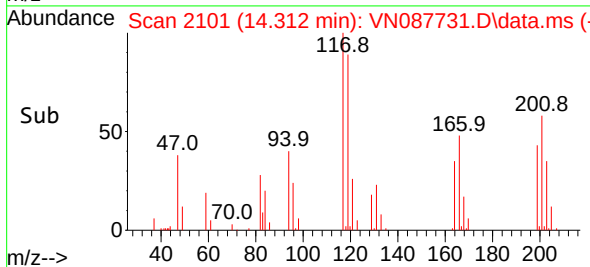
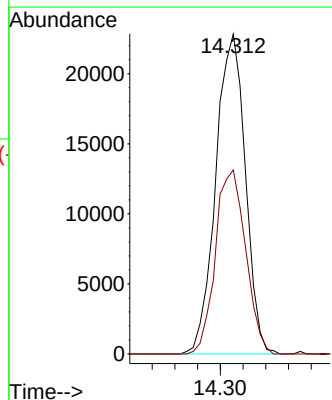
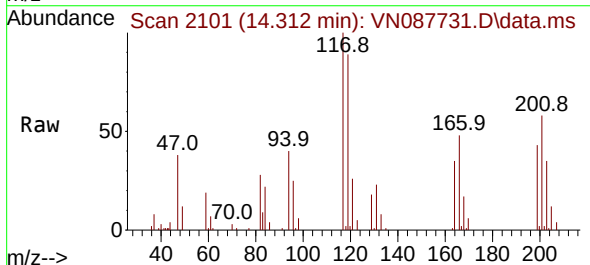
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

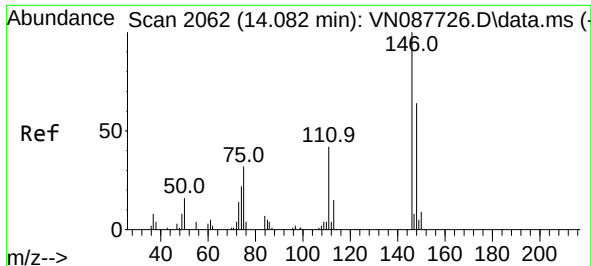
Tgt Ion: 91 Resp: 188710
Ion Ratio Lower Upper
91 100
92 50.4 0.0 104.0
134 23.3 0.0 46.0



#86
Hexachloroethane
Concen: 17.975 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 117 Resp: 41219
Ion Ratio Lower Upper
117 100
201 58.7 29.9 89.7

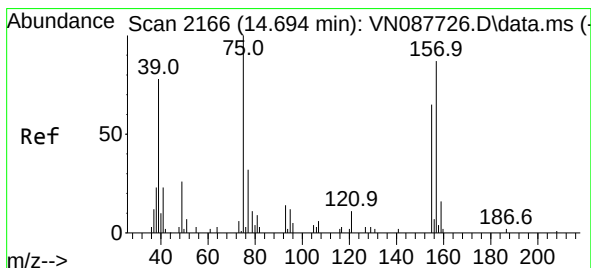
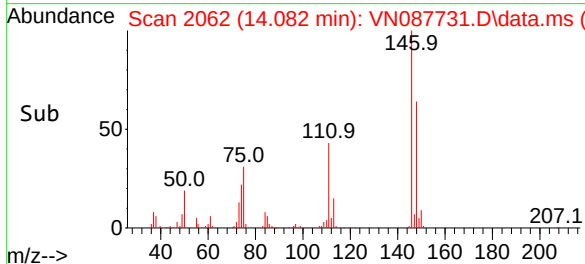
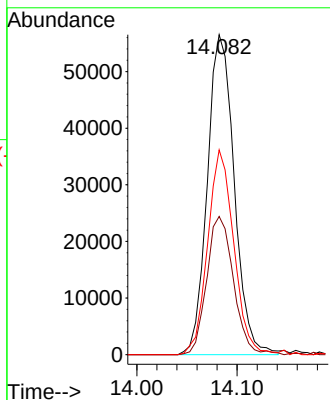
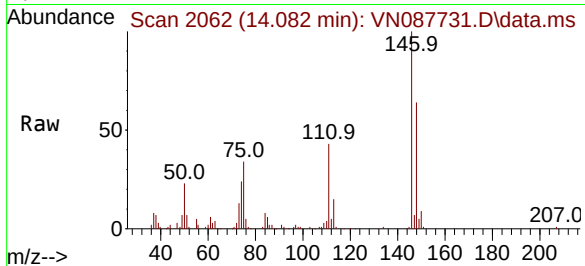




#87
1,2-Dichlorobenzene
Concen: 18.016 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

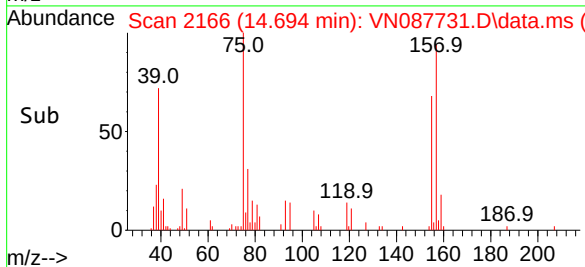
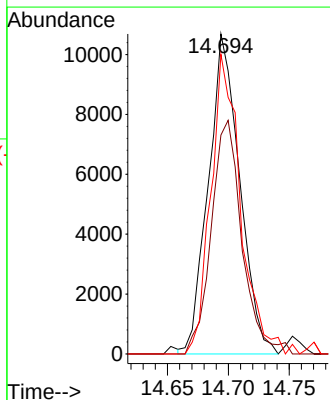
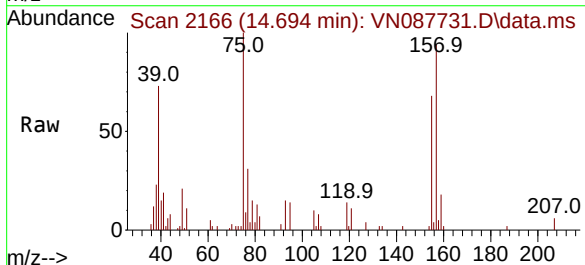
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

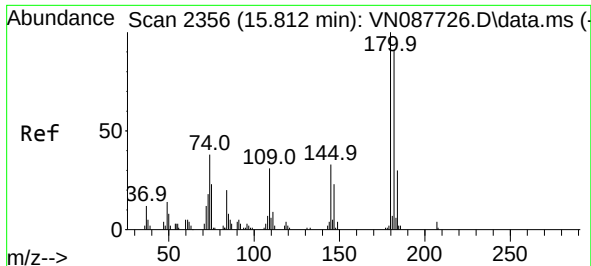
Tgt Ion:146 Resp: 105569
Ion Ratio Lower Upper
146 100
111 42.9 21.5 64.5
148 62.1 33.4 100.1



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.204 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion: 75 Resp: 19130
Ion Ratio Lower Upper
75 100
155 70.9 53.0 79.4
157 87.6 72.2 108.4

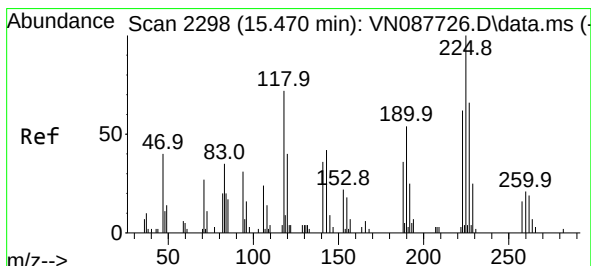
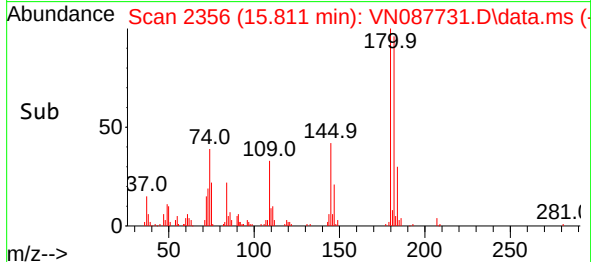
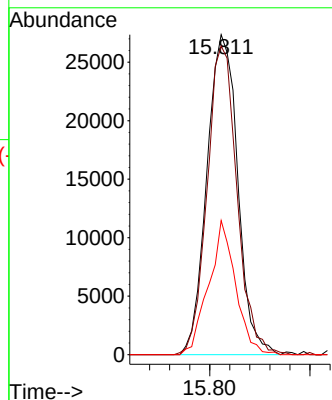
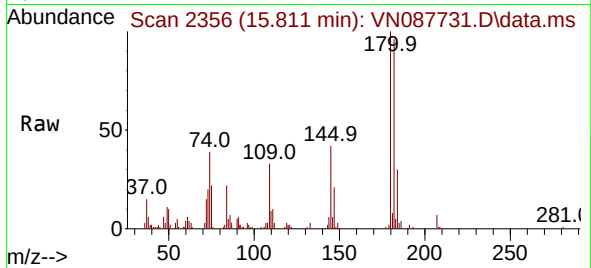




#89
1,2,4-Trichlorobenzene
Concen: 17.505 ug/l
RT: 15.811 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

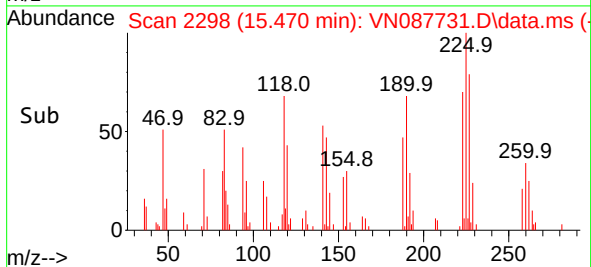
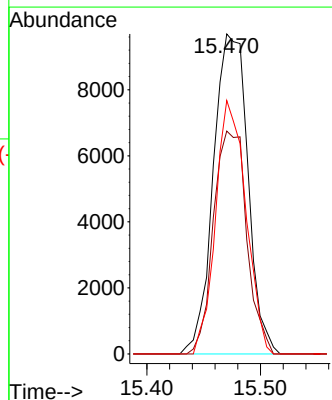
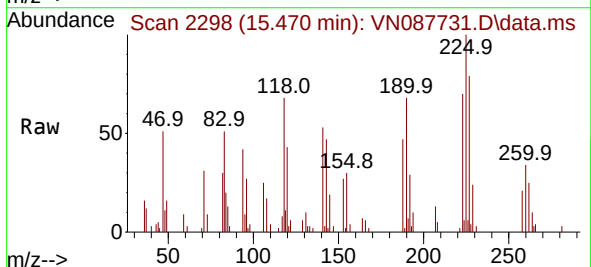
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090425

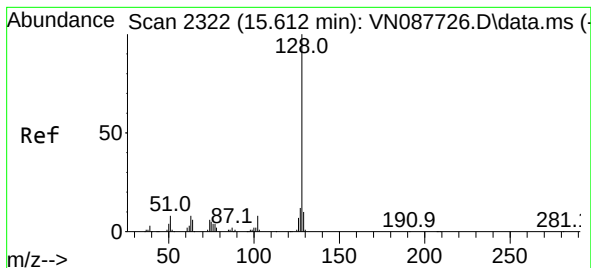
Tgt Ion:180 Resp: 58341
Ion Ratio Lower Upper
180 100
182 93.7 74.6 111.8
145 36.6 27.4 41.0



#90
Hexachlorobutadiene
Concen: 18.275 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN087731.D
Acq: 04 Sep 2025 18:28

Tgt Ion:225 Resp: 20419
Ion Ratio Lower Upper
225 100
223 67.2 0.0 118.2
227 69.7 0.0 139.0





#91

Naphthalene

Concen: 16.990 ug/l

RT: 15.617 min Scan# 2322

Delta R.T. 0.006 min

Lab File: VN087731.D

Acq: 04 Sep 2025 18:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090425

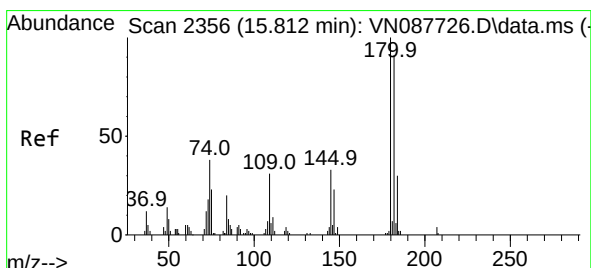
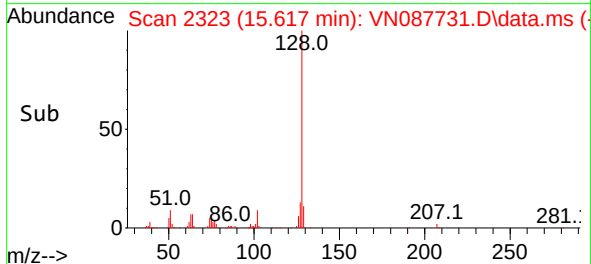
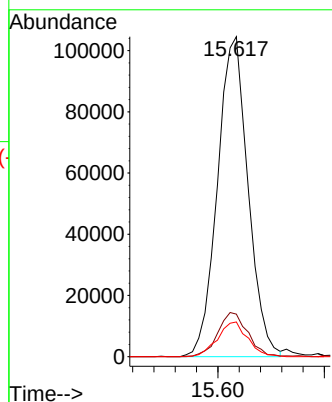
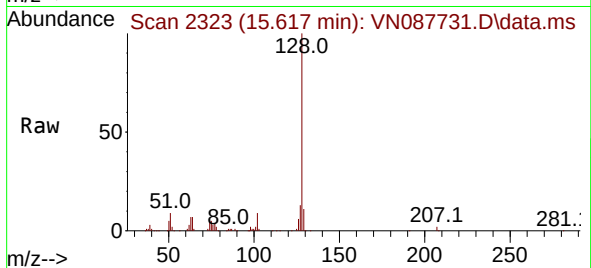
Tgt Ion:128 Resp: 208469

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 10.7 8.3 12.5



#92

1,2,3-Trichlorobenzene

Concen: 17.505 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087731.D

Acq: 04 Sep 2025 18:28

Tgt Ion:180 Resp: 58341

Ion Ratio Lower Upper

180 100

182 93.7 0.0 186.4

145 36.6 0.0 68.4

