

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
 Data File : VN087452.D
 Acq On : 05 Aug 2025 13:37
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 06 01:26:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 01:24:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	66791	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	367765	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	324158	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	185120	30.050	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.167%	
60) 4-Bromofluorobenzene	12.829	95	166050	29.766	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.233%	
63) Toluene-d8	10.547	98	457922	30.702	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.333%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	19809	4.543	ug/l	97
3) Chloromethane	2.383	50	22193	4.960	ug/l	98
4) Vinyl Chloride	2.542	62	23292	4.908	ug/l	93
5) Bromomethane	2.977	94	11433	4.451	ug/l	96
6) Chloroethane	3.136	64	15730	5.141	ug/l	96
7) Trichlorofluoromethane	3.500	101	35964	5.266	ug/l #	81
8) Diethyl Ether	3.965	74	14911	5.241	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.359	101	19105	5.486	ug/l	63
10) 1,1-Dichloroethene	4.342	96	18969	5.185	ug/l	96
11) Methyl Iodide	4.583	142	8335	2.908	ug/l #	88
12) Methyl Acetate	5.024	43	32749	4.851	ug/l #	91
13) Acrolein	4.183	56	25602	24.838	ug/l	92
14) Acrylonitrile	5.706	53	75304	25.546	ug/l	99
15) Acetone	4.424	58	23455	27.848	ug/l	88
16) Carbon Disulfide	4.706	76	60257	5.310	ug/l	100
17) Allyl chloride	5.018	41	37245	4.995	ug/l	91
18) Methylene Chloride	5.265	84	25316	5.377	ug/l	87
19) trans-1,2-Dichloroethene	5.759	96	9083	2.088	ug/l	90
20) Diisopropyl ether	6.659	45	85498	5.036	ug/l #	98
21) 1,1-Dichloroethane	6.553	63	44299	5.045	ug/l	99
22) cis-1,2-Dichloroethene	7.465	96	27569	5.151	ug/l #	88
23) tert-Butyl Alcohol	5.524	59	33736	26.933	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	84726	5.083	ug/l #	69
25) Chloroform	7.947	83	47159	5.146	ug/l	98
26) Cyclohexane	8.241	56	35104	4.994	ug/l #	93
29) 1,1-Dichloropropene	8.353	75	31744	5.292	ug/l	92
30) 2-Butanone	7.471	43	115688	26.165	ug/l #	83
31) 2,2-Dichloropropane	7.471	77	41219	5.328	ug/l #	61
32) 1,1,1-Trichloroethane	8.153	97	39911	5.217	ug/l	99
33) Carbon Tetrachloride	8.341	117	32877	5.173	ug/l	96
34) Benzene	8.582	78	98586	5.207	ug/l #	81
35) Methacrylonitrile	7.771	41	25099	5.260	ug/l	93
36) 1,2-Dichloroethane	8.647	62	40495	5.291	ug/l	97
37) Trichloroethene	9.335	130	21742	5.213	ug/l	92
38) Methylcyclohexane	9.577	83	36974	5.313	ug/l	98
39) 1,2-Dichloropropane	9.600	63	25889	5.333	ug/l	91
40) Dibromomethane	9.688	93	19402	5.327	ug/l	99
41) Bromodichloromethane	9.871	83	40582	5.362	ug/l #	95
42) Vinyl Acetate	6.594	43	374548	25.723	ug/l	99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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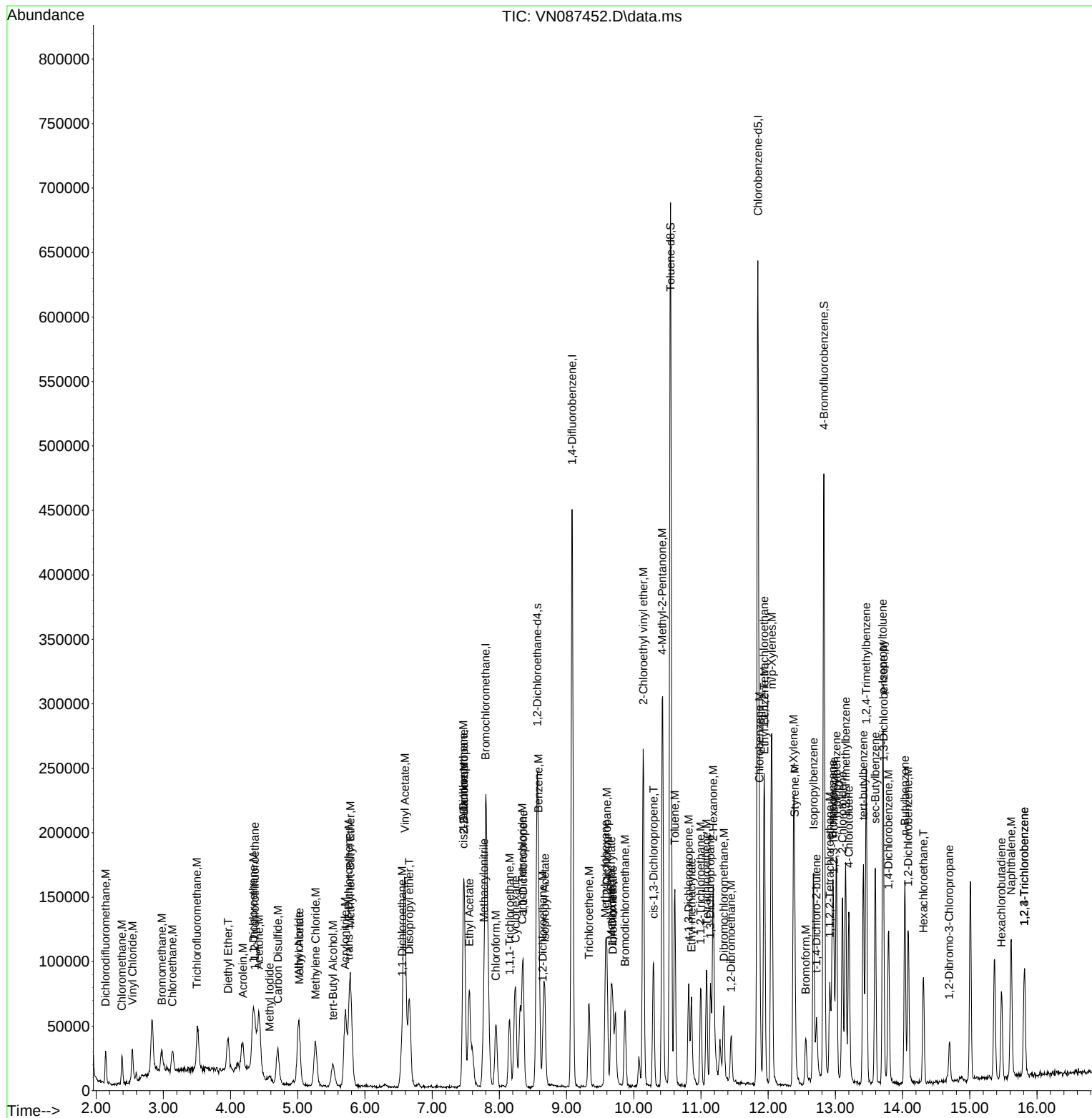
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	42509	5.051	ug/l	96
44) Isopropyl Acetate	8.677	43	75250	5.197	ug/l	98
45) 1,4-Dioxane	9.682	88	9597	103.972	ug/l #	85
46) Methyl methacrylate	9.665	41	35322	5.168	ug/l	98
48) t-1,3-Dichloropropene	10.818	75	41412	5.029	ug/l	95
49) cis-1,3-Dichloropropene	10.294	75	42124	5.083	ug/l #	94
50) 1,1,2-Trichloroethane	10.994	97	23578	5.123	ug/l	93
51) Ethyl methacrylate	10.859	69	36705	4.529	ug/l	97
52) 1,3-Dichloropropane	11.141	76	42828	5.166	ug/l	97
53) Dibromochloromethane	11.341	129	26196	4.929	ug/l	95
54) 1,2-Dibromoethane	11.447	107	24555	5.026	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	114298	26.788	ug/l	99
56) Bromoform	12.559	173	16434	4.675	ug/l #	78
58) 4-Methyl-2-Pentanone	10.424	43	219603	26.335	ug/l	99
59) 2-Hexanone	11.182	43	130616	23.053	ug/l	99
61) Tetrachloroethene	11.082	164	17278	5.471	ug/l	92
62) Toluene	10.612	91	106690	5.333	ug/l	100
64) Chlorobenzene	11.871	112	65821	5.354	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.941	131	23260	5.381	ug/l	98
66) Ethyl Benzene	11.947	91	116379	5.219	ug/l	97
67) m/p-Xylenes	12.053	106	85967	10.503	ug/l	96
68) o-Xylene	12.376	106	42724	5.306	ug/l	95
69) Styrene	12.394	104	67893	4.938	ug/l	97
70) Isopropylbenzene	12.676	105	104723	5.119	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.918	83	37401	5.336	ug/l	97
72) 1,2,3-Trichloropropane	12.976	75	49891	6.924	ug/l	53
73) Bromobenzene	12.959	156	25284	5.331	ug/l	94
74) n-propylbenzene	13.018	91	134786	5.275	ug/l	99
75) 2-Chlorotoluene	13.106	91	84827	5.397	ug/l	95
76) 1,3,5-Trimethylbenzene	13.153	105	92128	5.259	ug/l	100
77) t-1,4-Dichloro-2-butene	12.718	75	10355	4.189	ug/l	79
78) 4-Chlorotoluene	13.200	91	83697	5.255	ug/l	98
79) tert-butylbenzene	13.417	119	77933	5.277	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	90309	5.159	ug/l	100
81) sec-Butylbenzene	13.594	105	113073	5.259	ug/l	97
82) p-Isopropyltoluene	13.706	119	95127	5.329	ug/l	99
83) 1,3-Dichlorobenzene	13.717	146	47197	5.226	ug/l	96
84) 1,4-Dichlorobenzene	13.788	146	47756	5.216	ug/l	97
85) n-Butylbenzene	14.035	91	89004	5.096	ug/l	99
86) Hexachloroethane	14.312	117	17680	5.072	ug/l	97
87) 1,2-Dichlorobenzene	14.082	146	43857	5.087	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.694	75	9336	5.257	ug/l	98
89) 1,2,4-Trichlorobenzene	15.811	180	26729	5.188	ug/l	98
90) Hexachlorobutadiene	15.470	225	11972	5.976	ug/l	80
91) Naphthalene	15.617	128	97646	4.971	ug/l	98
92) 1,2,3-Trichlorobenzene	15.811	180	26729	5.188	ug/l	98

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

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 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDIC005

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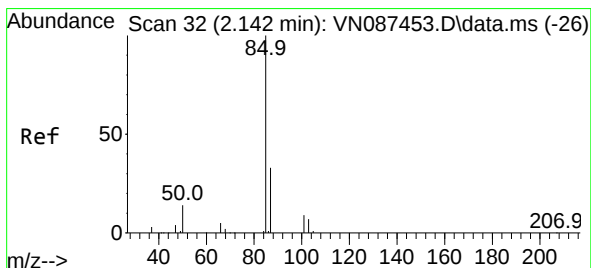
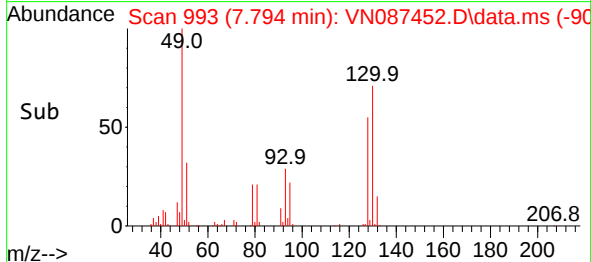
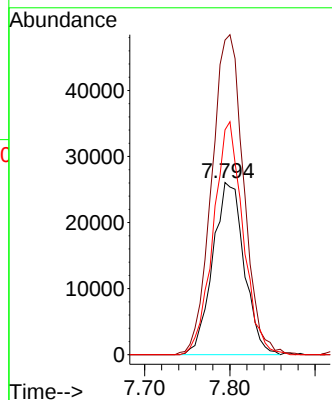
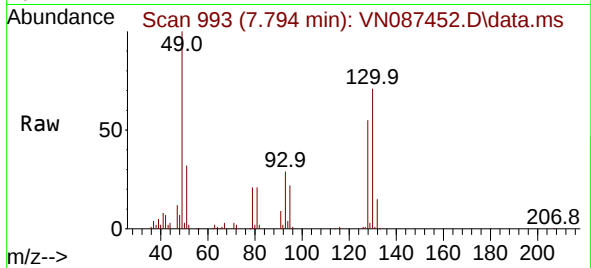




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

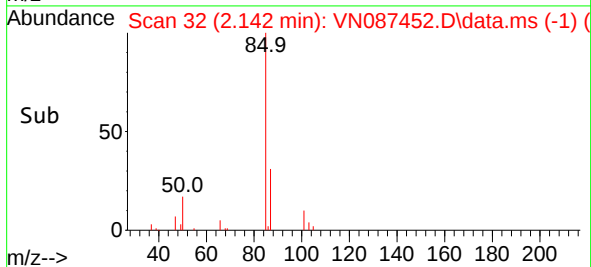
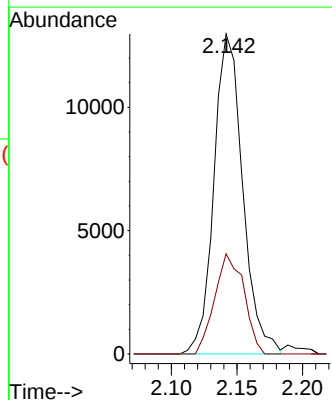
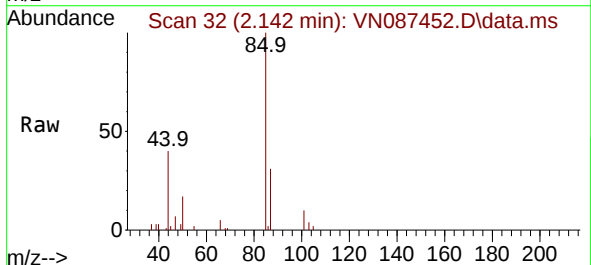
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MSVOA_N
ClientSampleId :
VSTDIC005

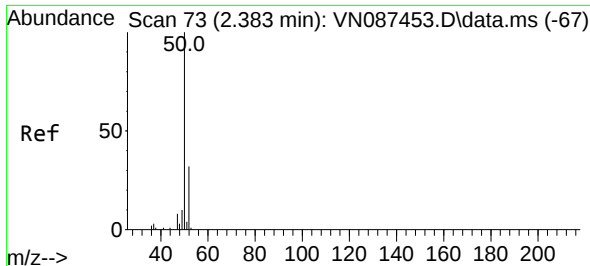
Tgt Ion:128 Resp: 66791
Ion Ratio Lower Upper
128 100
49 189.1 0.0 494.8
130 128.0 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 4.543 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 85 Resp: 19809
Ion Ratio Lower Upper
85 100
87 31.3 16.4 49.2

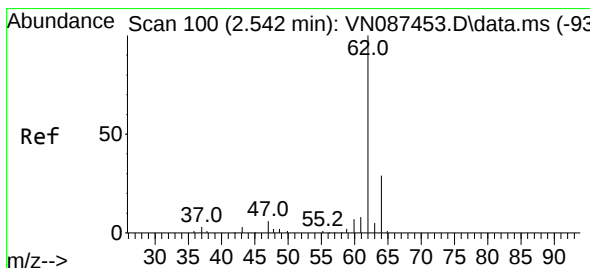
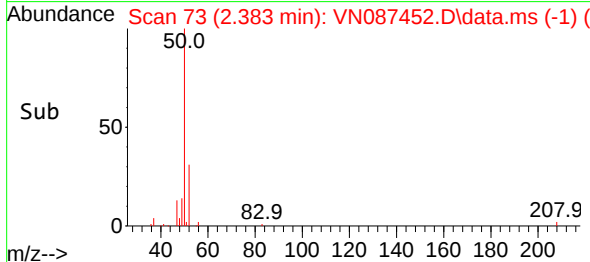
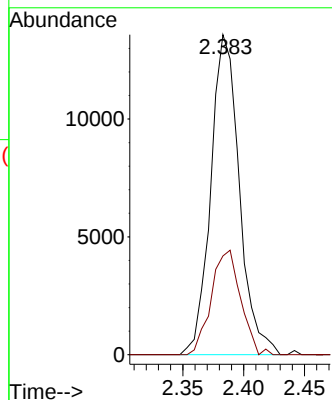
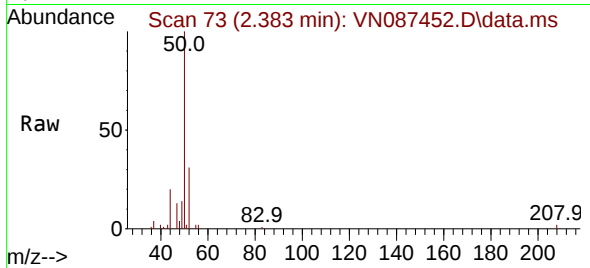




#3
Chloromethane
Concen: 4.960 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

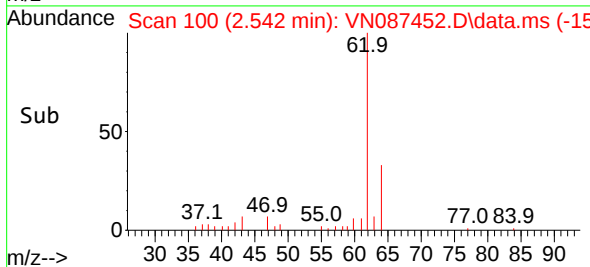
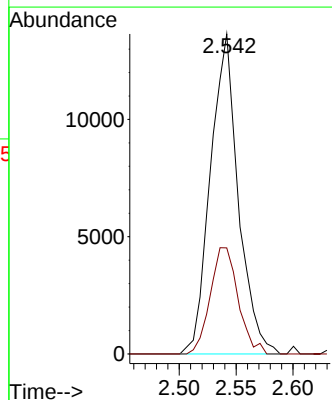
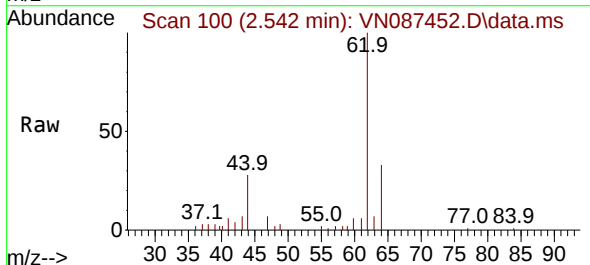
Instrument :
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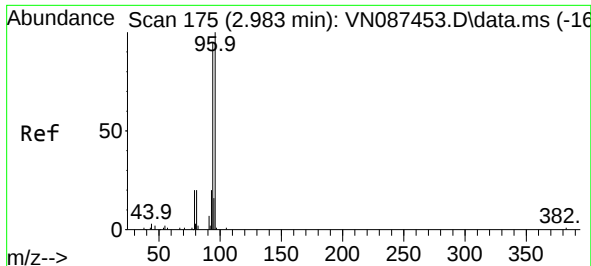
Tgt Ion: 50 Resp: 22193
Ion Ratio Lower Upper
50 100
52 30.8 25.8 38.6



#4
Vinyl Chloride
Concen: 4.908 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 62 Resp: 23292
Ion Ratio Lower Upper
62 100
64 33.2 23.4 35.2

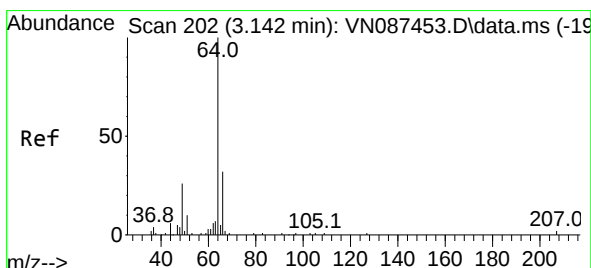
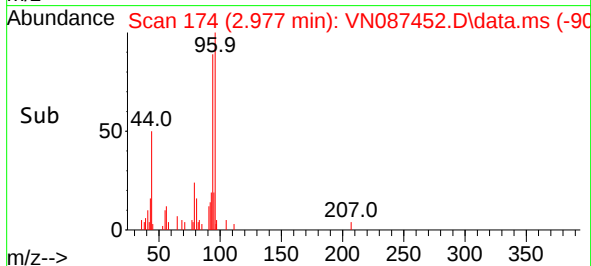
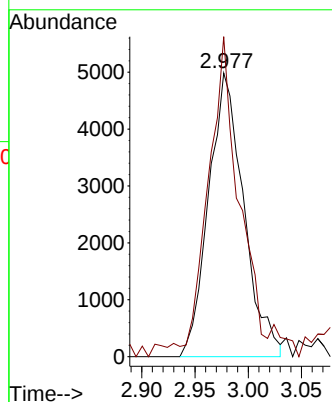
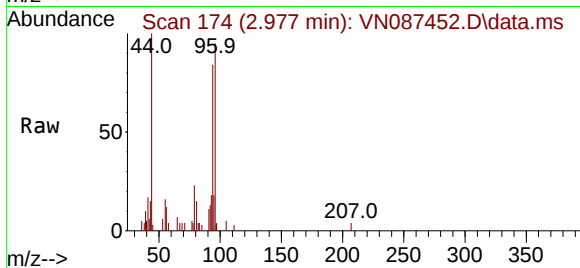




#5
Bromomethane
Concen: 4.451 ug/l
RT: 2.977 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

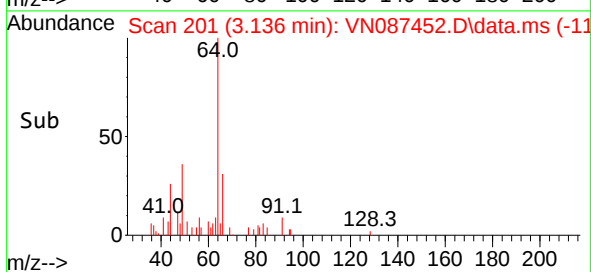
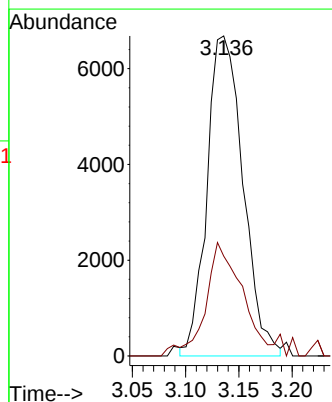
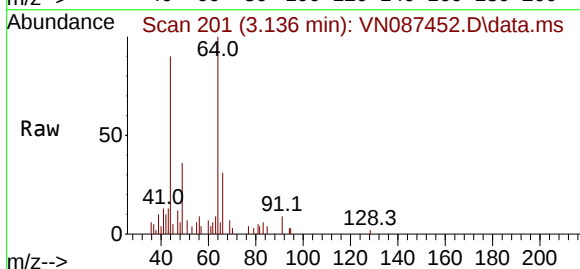
Instrument :
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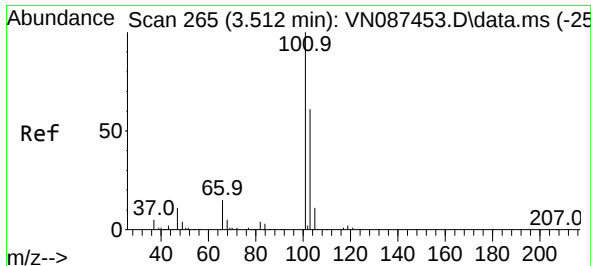
Tgt Ion: 94 Resp: 11433
Ion Ratio Lower Upper
94 100
96 109.2 84.2 126.4



#6
Chloroethane
Concen: 5.141 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 64 Resp: 15730
Ion Ratio Lower Upper
64 100
66 29.2 25.4 38.0

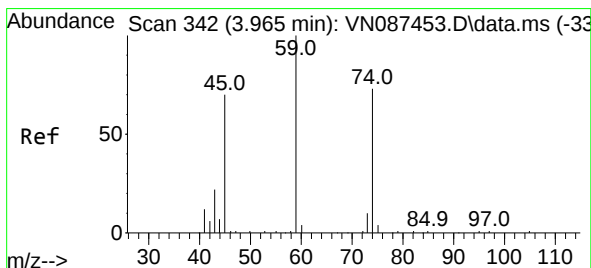
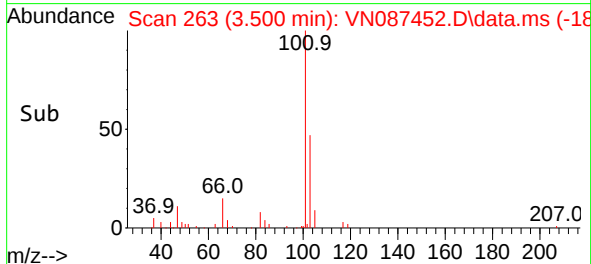
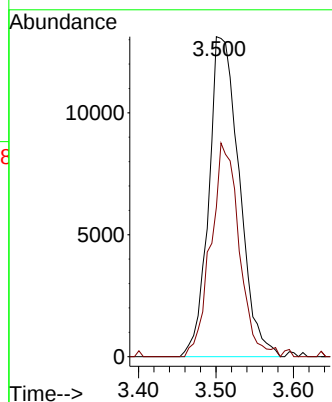
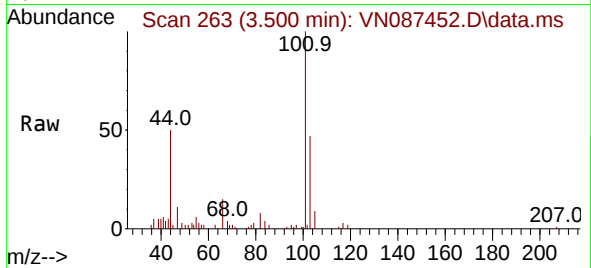




#7
 Trichlorofluoromethane
 Concen: 5.266 ug/l
 RT: 3.500 min Scan# 265
 Delta R.T. -0.012 min
 Lab File: VN087452.D
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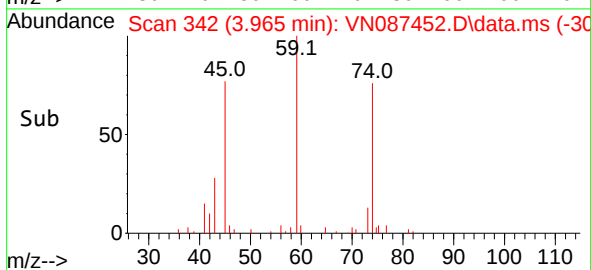
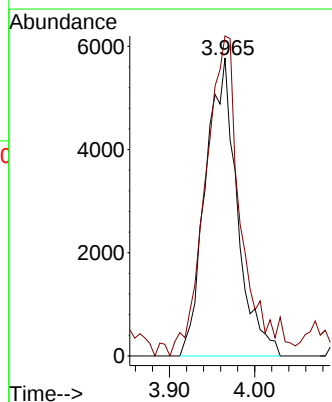
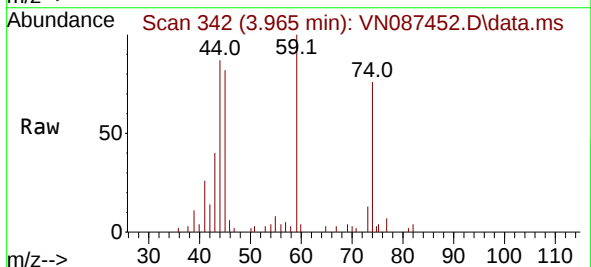
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Tgt Ion:101 Resp: 35964
 Ion Ratio Lower Upper
 101 100
 103 46.7 49.2 73.8#



#8
 Diethyl Ether
 Concen: 5.241 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN087452.D
 Acq: 05 Aug 2025 13:37

Tgt Ion: 74 Resp: 14911
 Ion Ratio Lower Upper
 74 100
 45 105.9 20.1 180.9

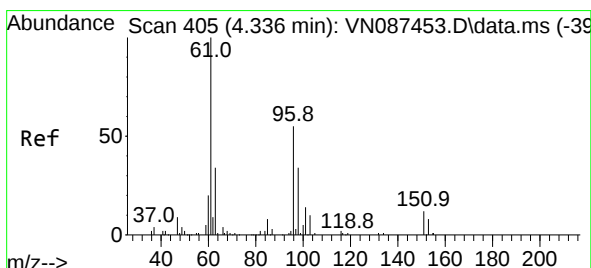
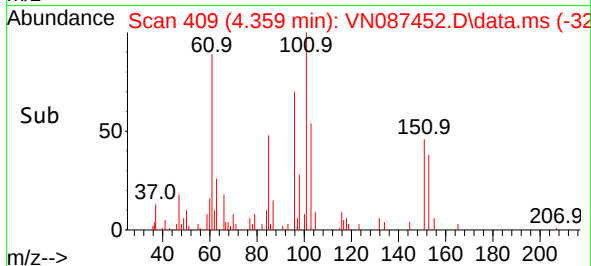
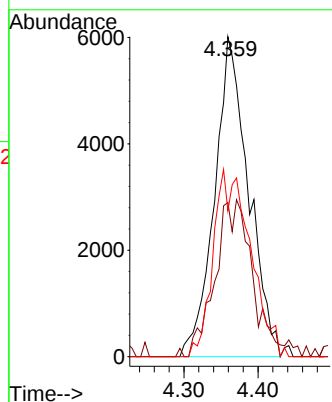
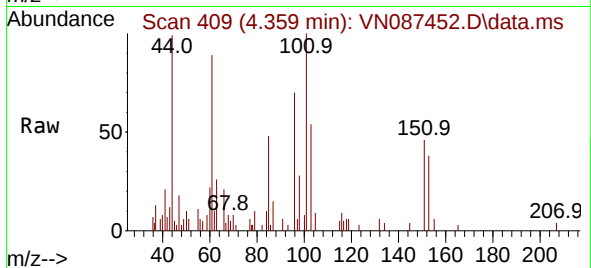




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.486 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN087452.D
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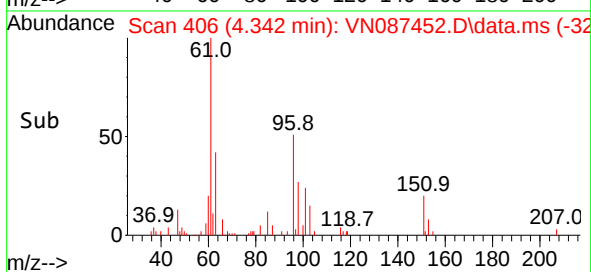
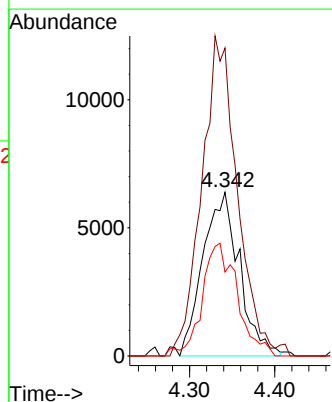
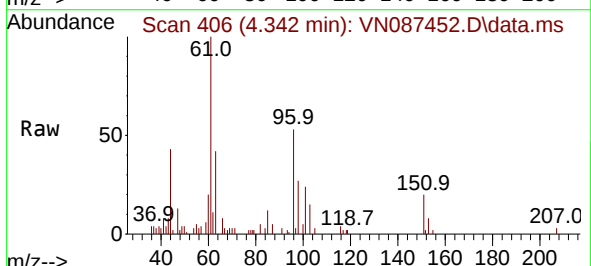
Instrument :
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ClientSampleId :
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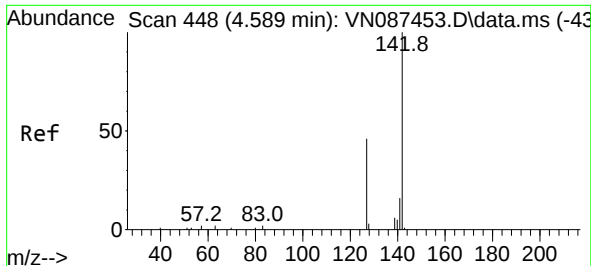
Tgt Ion:101 Resp: 19105
Ion Ratio Lower Upper
101 100
85 24.4 0.0 57.0
151 27.5 0.0 134.2



#10
1,1-Dichloroethene
Concen: 5.185 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 96 Resp: 18969
Ion Ratio Lower Upper
96 100
61 181.6 144.2 216.4
98 51.2 49.7 74.5

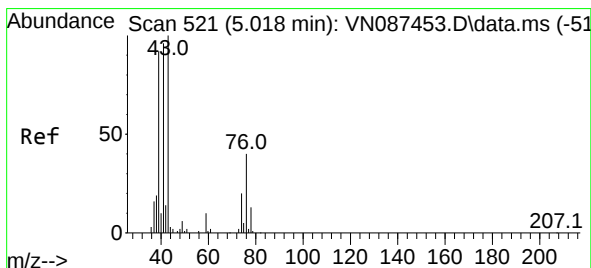
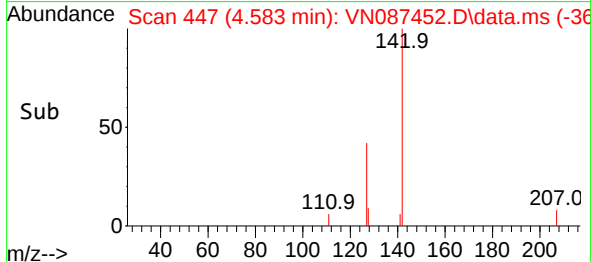
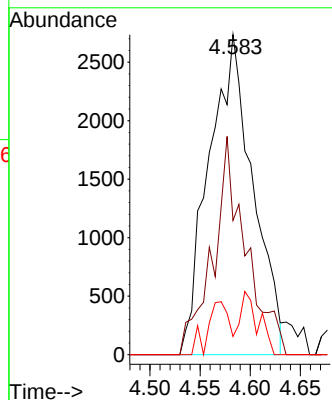
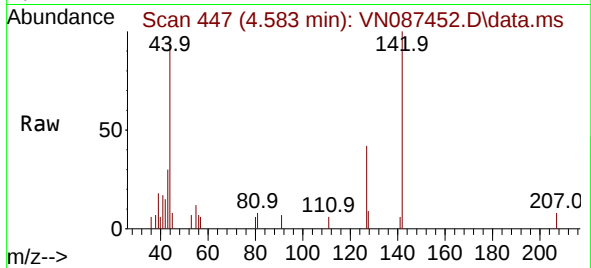




#11
Methyl Iodide
Concen: 2.908 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

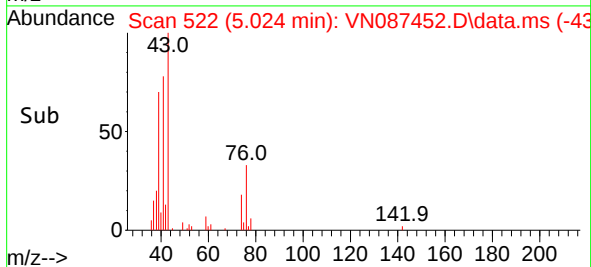
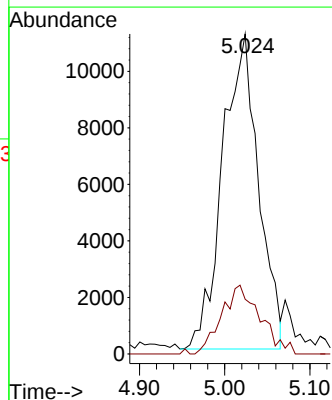
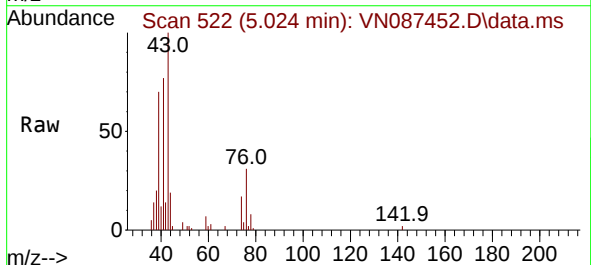
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:142 Resp: 8335
Ion Ratio Lower Upper
142 100
127 40.4 22.9 68.7
141 6.0 7.7 23.1#



#12
Methyl Acetate
Concen: 4.851 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 43 Resp: 32749
Ion Ratio Lower Upper
43 100
74 15.8 16.0 24.0#

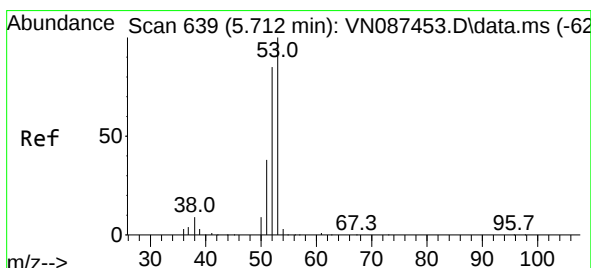
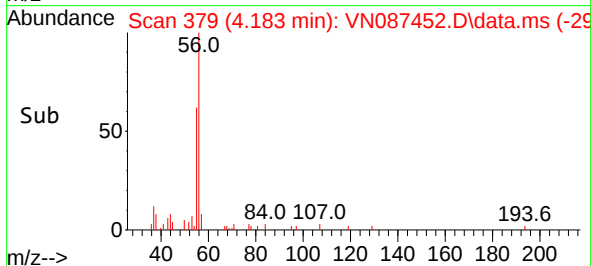
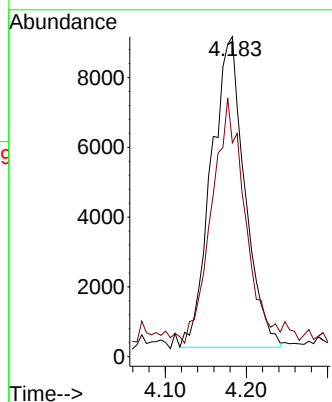
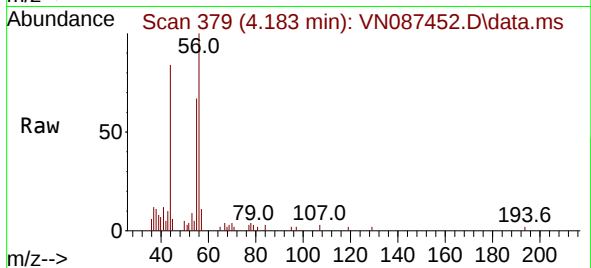




#13
Acrolein
Concen: 24.838 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

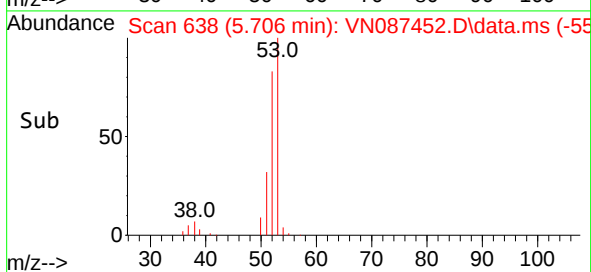
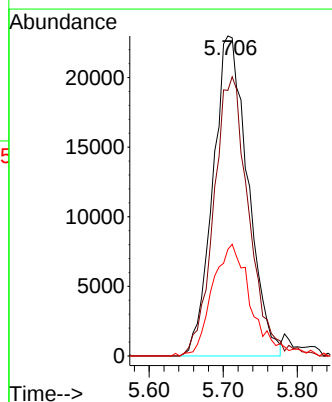
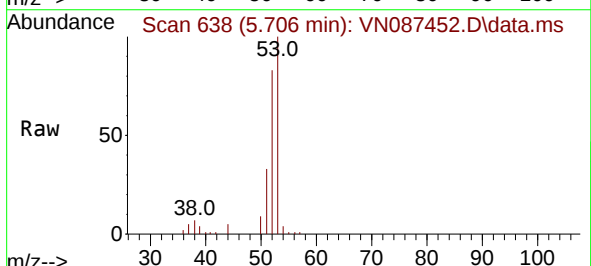
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 25602
Ion Ratio Lower Upper
56 100
55 78.3 57.4 86.0



#14
Acrylonitrile
Concen: 25.546 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 53 Resp: 75304
Ion Ratio Lower Upper
53 100
52 86.2 42.4 127.2
51 37.1 18.5 55.5

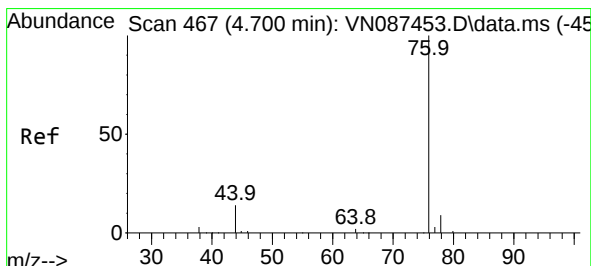
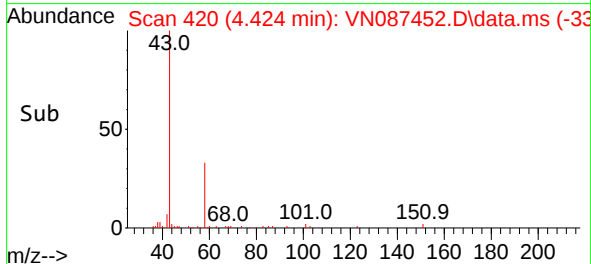
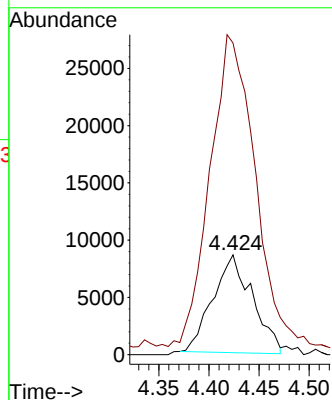
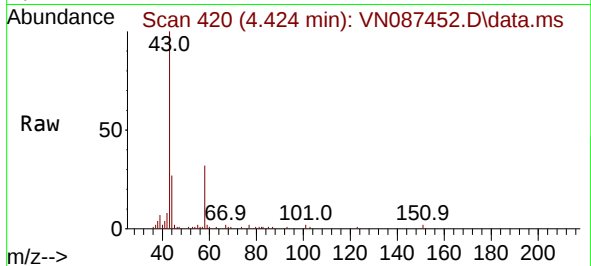




#15
Acetone
Concen: 27.848 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

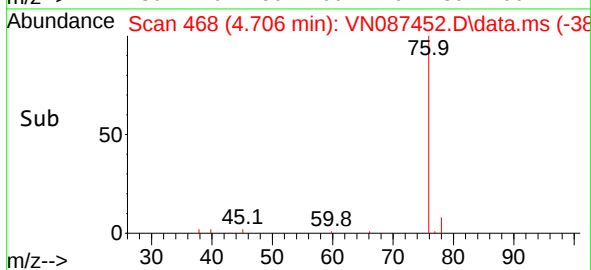
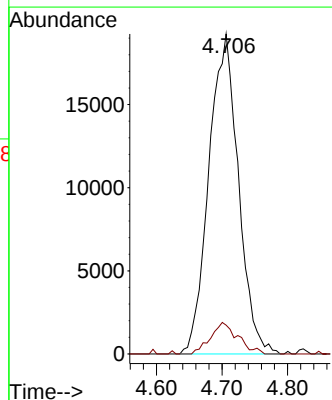
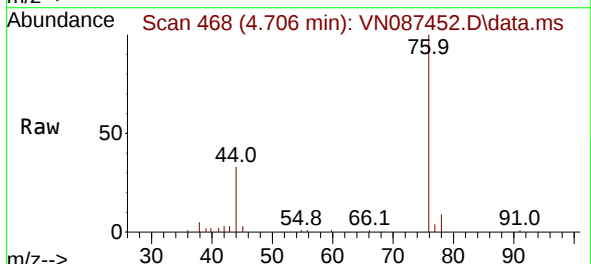
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 58 Resp: 23455
Ion Ratio Lower Upper
58 100
43 309.8 268.9 403.3



#16
Carbon Disulfide
Concen: 5.310 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 76 Resp: 60257
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

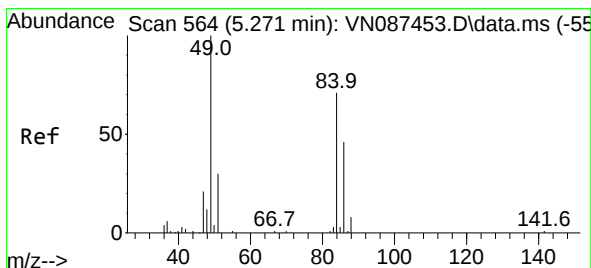
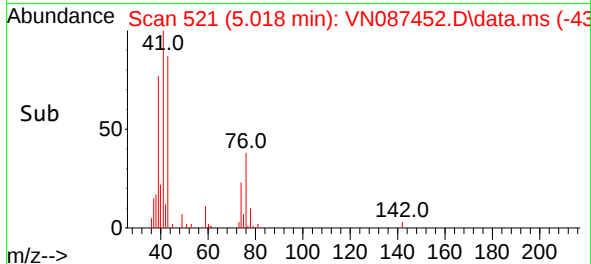
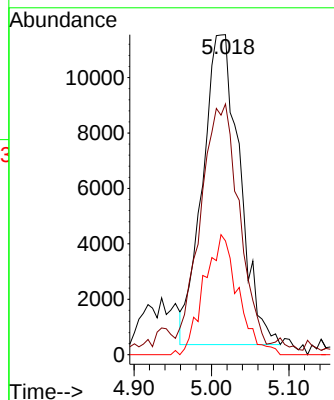
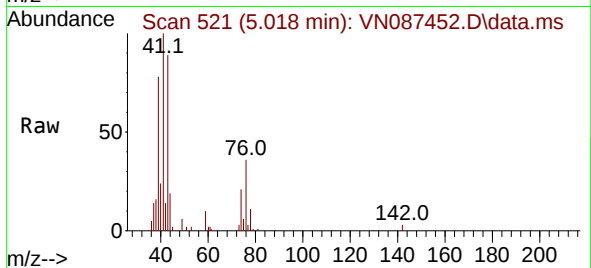




#17
 Allyl chloride
 Concen: 4.995 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN087452.D
 Acq: 05 Aug 2025 13:37

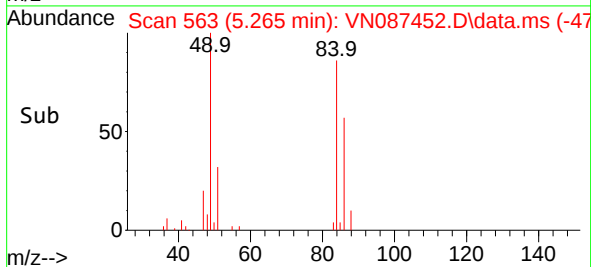
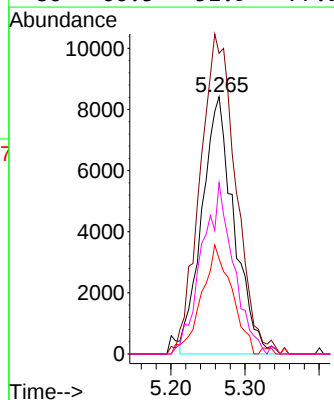
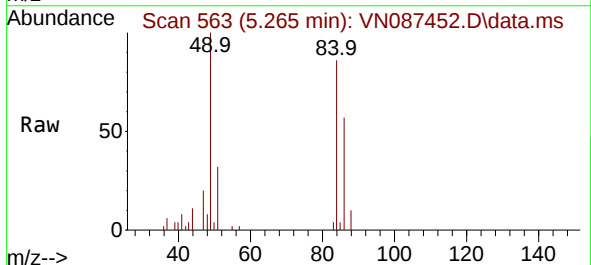
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

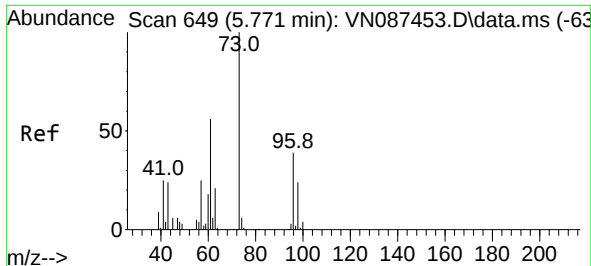
Tgt Ion: 41 Resp: 37245
 Ion Ratio Lower Upper
 41 100
 39 75.5 42.4 127.2
 76 36.7 16.9 50.6



#18
 Methylene Chloride
 Concen: 5.377 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: VN087452.D
 Acq: 05 Aug 2025 13:37

Tgt Ion: 84 Resp: 25316
 Ion Ratio Lower Upper
 84 100
 49 116.9 112.9 169.3
 51 37.0 33.8 50.8
 86 66.5 51.9 77.9

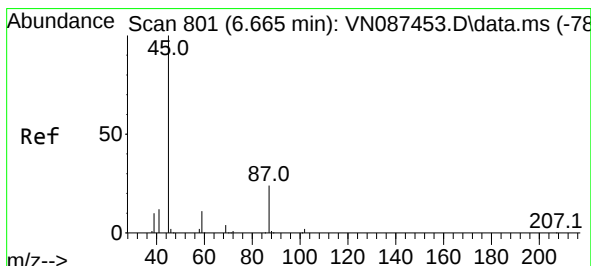
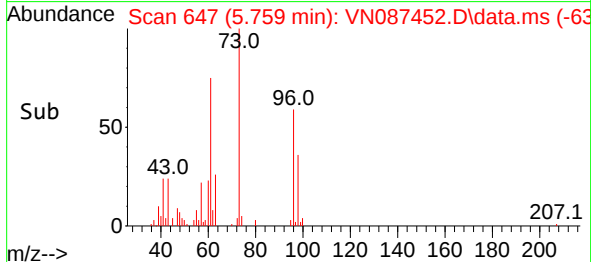
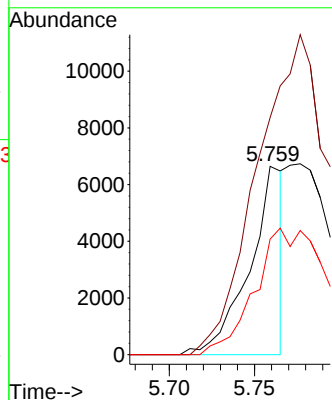
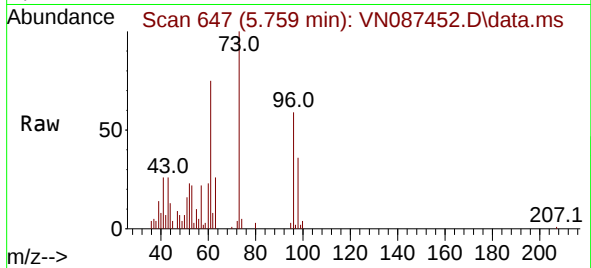




#19
trans-1,2-Dichloroethene
Concen: 2.088 ug/l
RT: 5.759 min Scan# 649
Delta R.T. -0.012 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

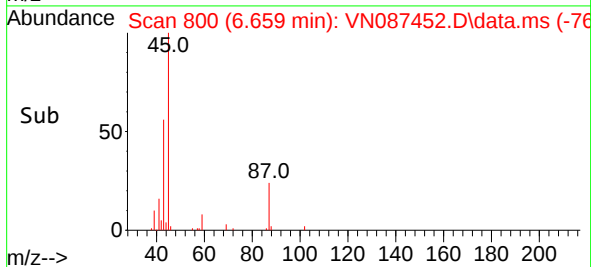
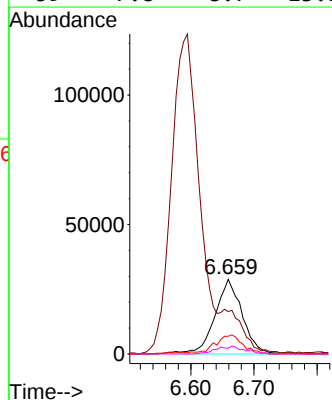
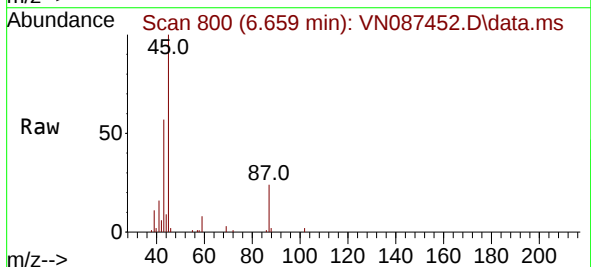
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 9083
Ion Ratio Lower Upper
96 100
61 125.9 114.2 171.4
98 61.4 48.7 73.1



#20
Diisopropyl ether
Concen: 5.036 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 45 Resp: 85498
Ion Ratio Lower Upper
45 100
43 56.1 44.7 67.1
87 24.1 20.2 30.2
59 7.8 8.7 13.1#

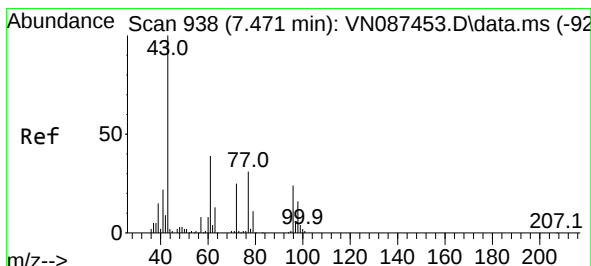
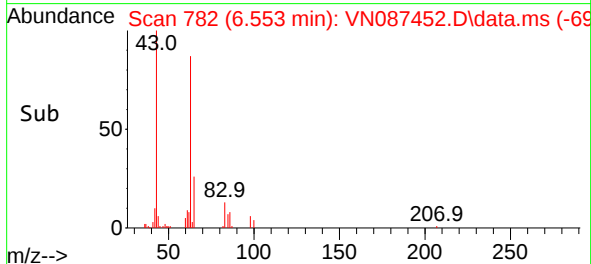
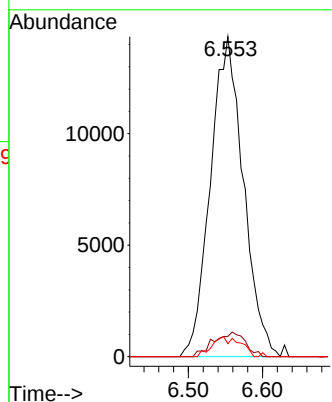
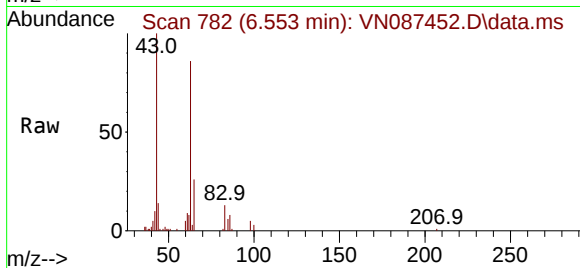




#21
1,1-Dichloroethane
Concen: 5.045 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

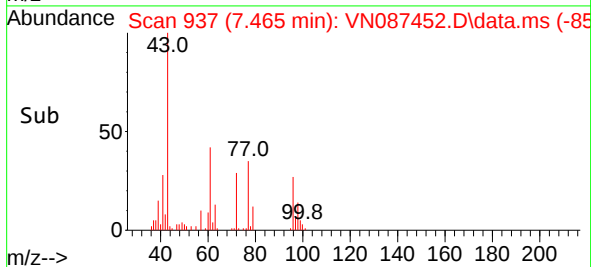
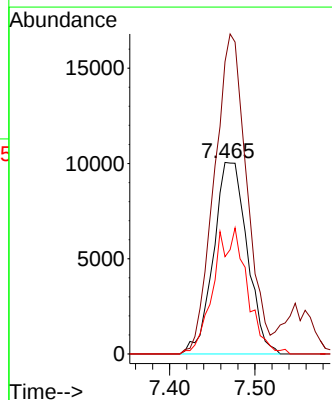
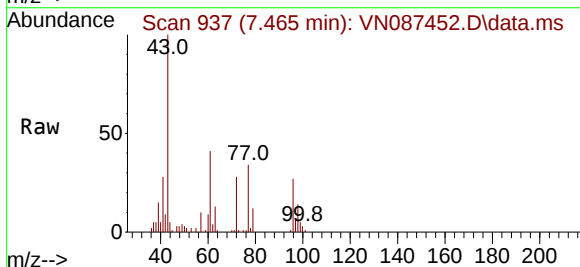
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

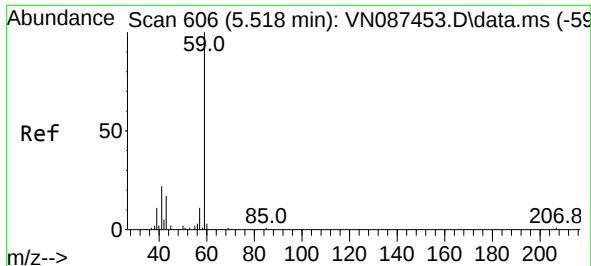
Tgt Ion: 63 Resp: 44299
Ion Ratio Lower Upper
63 100
98 6.4 3.0 9.0
100 4.1 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 5.151 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 96 Resp: 27569
Ion Ratio Lower Upper
96 100
61 161.4 126.6 190.0
98 36.7 50.9 76.3#

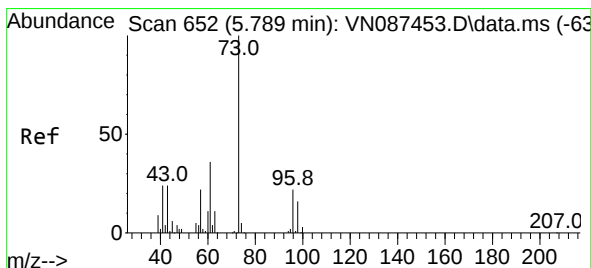
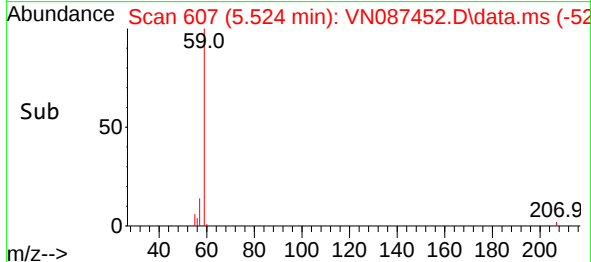
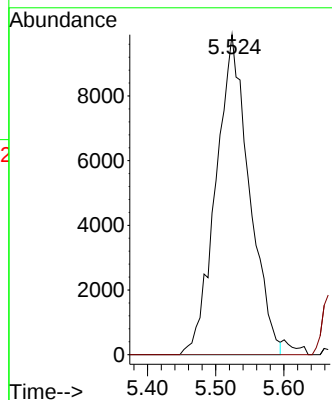
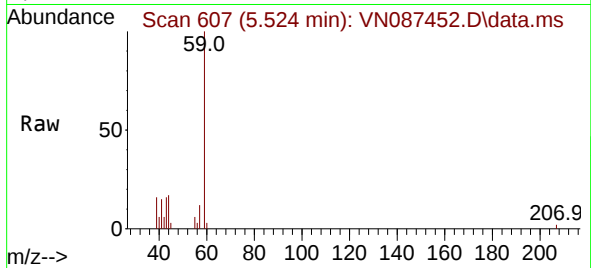




#23
tert-Butyl Alcohol
Concen: 26.933 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

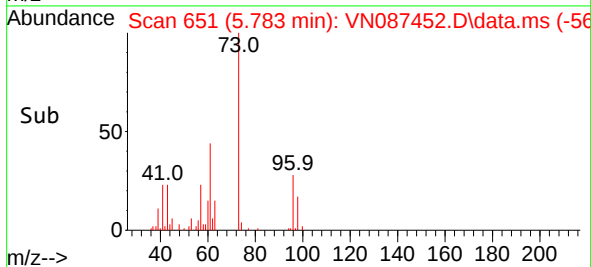
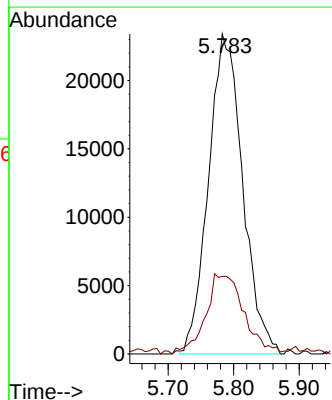
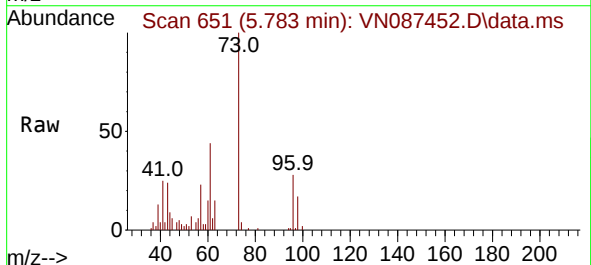
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

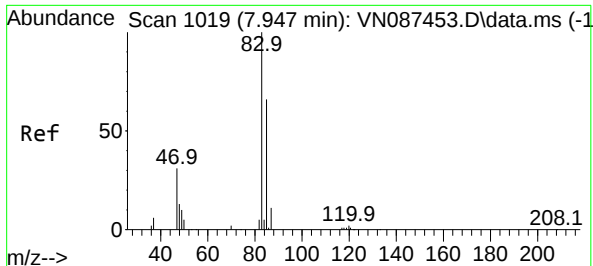
Tgt Ion: 59 Resp: 33736
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 5.083 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 73 Resp: 84726
Ion Ratio Lower Upper
73 100
43 9.1 19.9 29.9#





#25

Chloroform

Concen: 5.146 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

Instrument :

MSVOA_N

ClientSampleId :

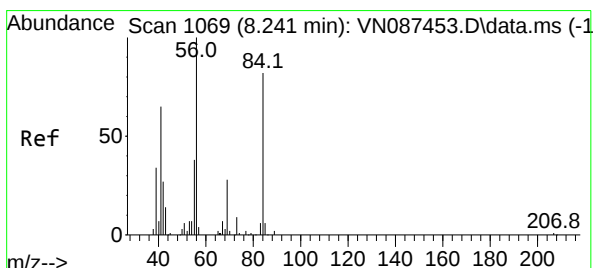
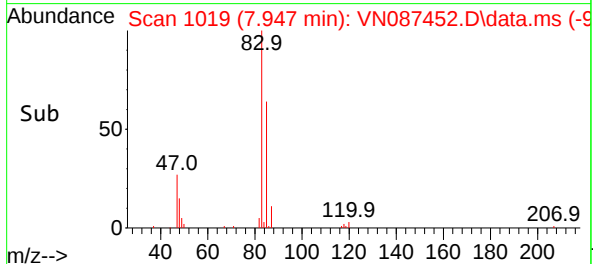
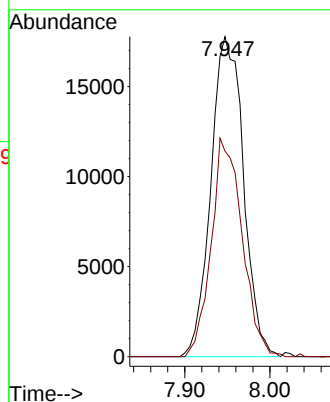
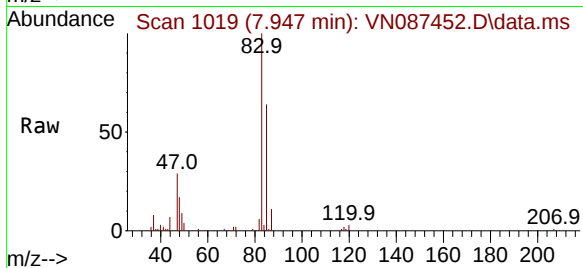
VSTDIC005

Tgt Ion: 83 Resp: 47159

Ion Ratio Lower Upper

83 100

85 64.3 52.6 78.8



#26

Cyclohexane

Concen: 4.994 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

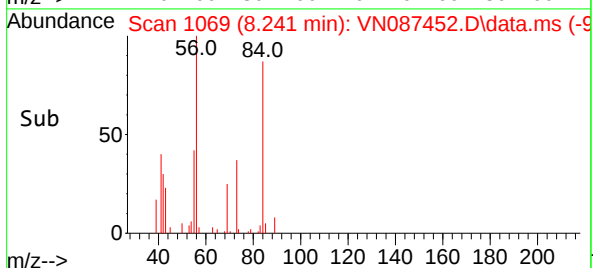
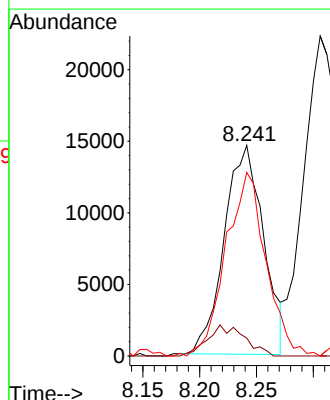
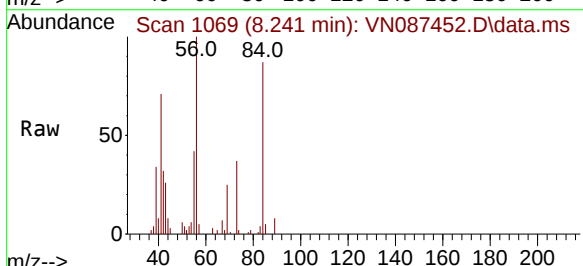
Tgt Ion: 56 Resp: 35104

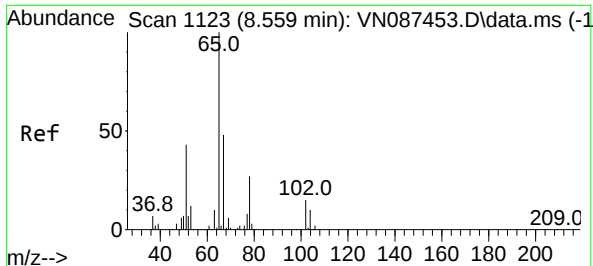
Ion Ratio Lower Upper

56 100

89 7.6 2.3 3.5#

84 89.5 67.0 100.4





#27

1,2-Dichloroethane-d4

Concen: 30.050 ug/l

RT: 8.565 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

Instrument :

MSVOA_N

ClientSampleId :

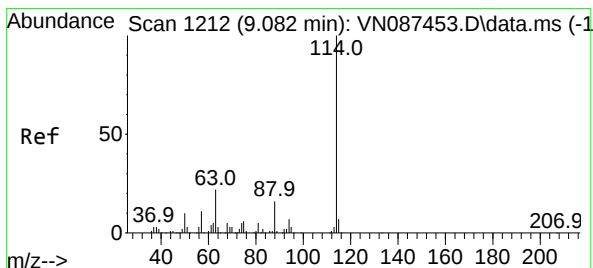
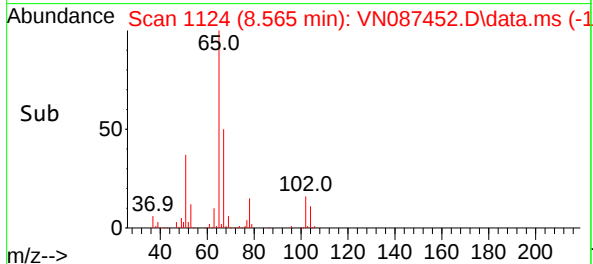
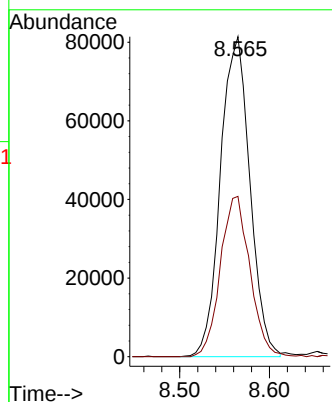
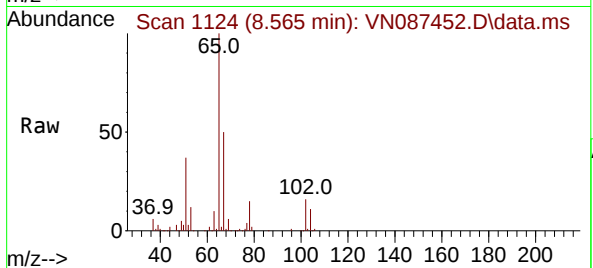
VSTDIC005

Tgt Ion: 65 Resp: 185120

Ion Ratio Lower Upper

65 100

67 50.3 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

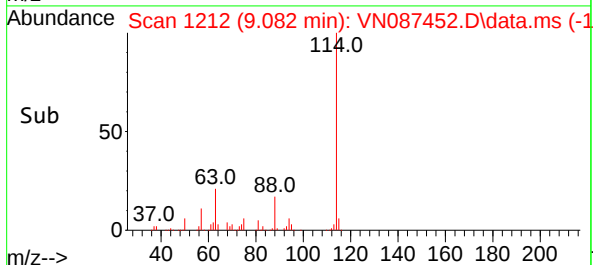
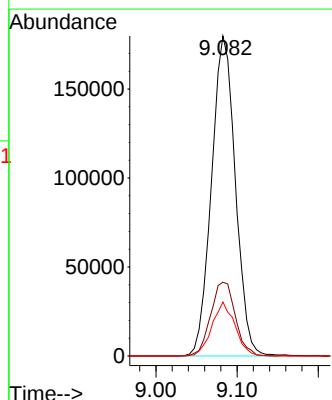
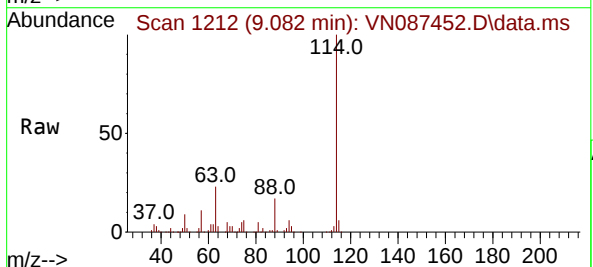
Tgt Ion: 114 Resp: 367765

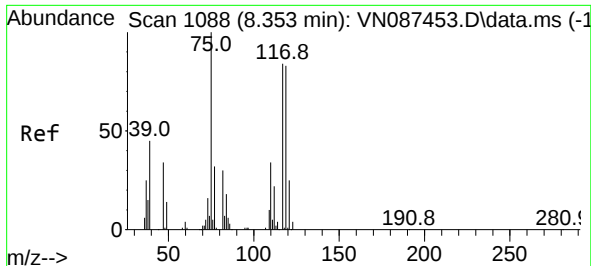
Ion Ratio Lower Upper

114 100

63 23.8 18.9 28.3

88 16.3 13.1 19.7

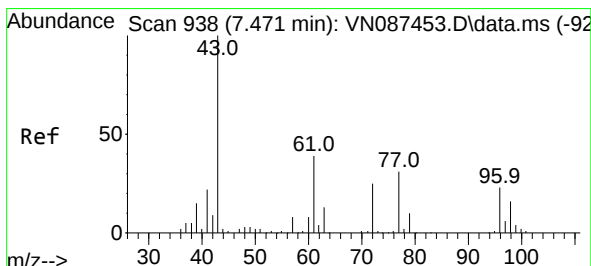
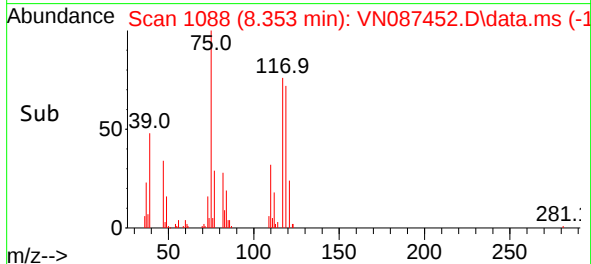
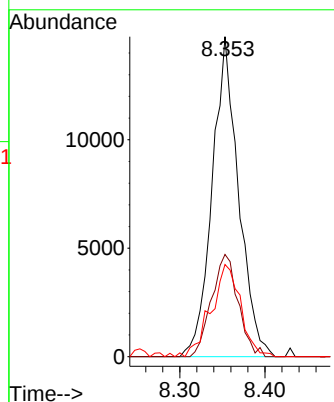
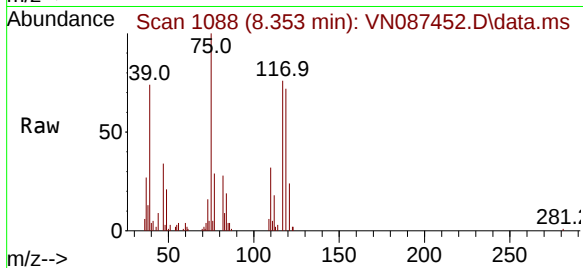




#29
1,1-Dichloropropene
Concen: 5.292 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

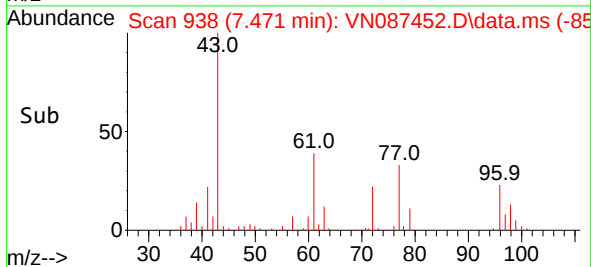
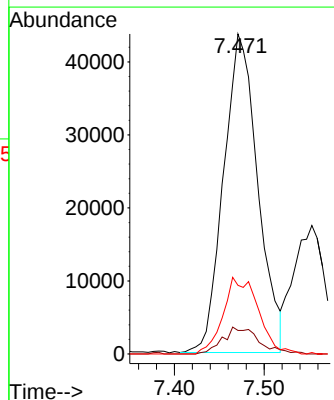
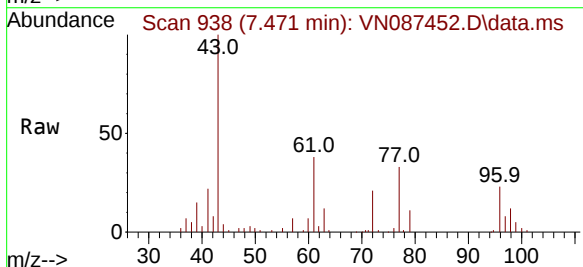
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

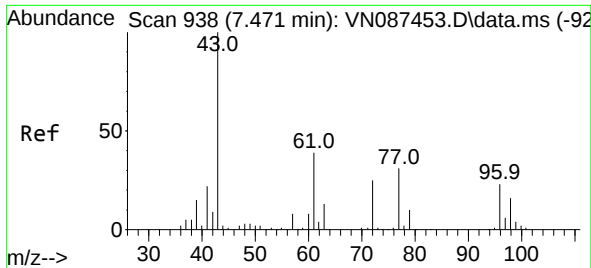
Tgt Ion:	75	Resp:	31744
Ion	Ratio	Lower	Upper
75	100		
110	32.2	0.0	65.8
77	23.6	0.0	63.6



#30
2-Butanone
Concen: 26.165 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion:	43	Resp:	115688
Ion	Ratio	Lower	Upper
43	100		
57	5.2	6.6	9.8#
72	14.5	19.7	29.5#

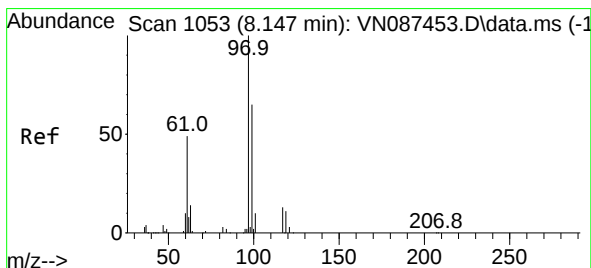
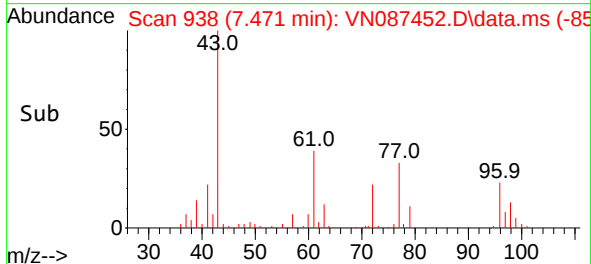
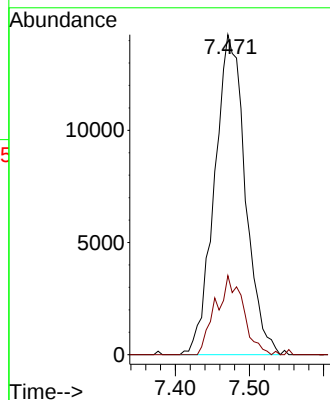
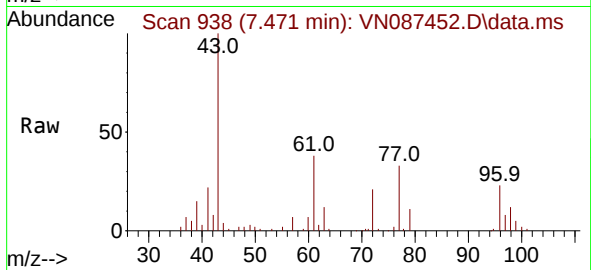




#31
2,2-Dichloropropane
Concen: 5.328 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

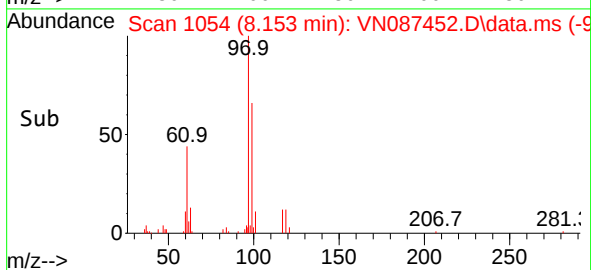
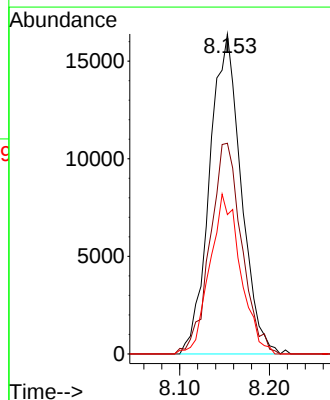
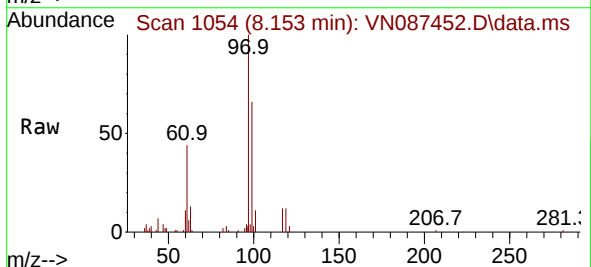
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 77 Resp: 41219
Ion Ratio Lower Upper
77 100
97 2.7 16.7 25.1#



#32
1,1,1-Trichloroethane
Concen: 5.217 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

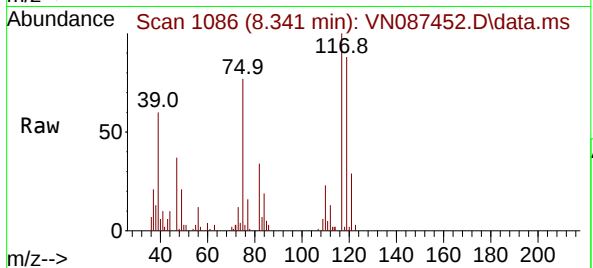
Tgt Ion: 97 Resp: 39911
Ion Ratio Lower Upper
97 100
99 66.1 53.0 79.6
61 48.9 40.6 61.0



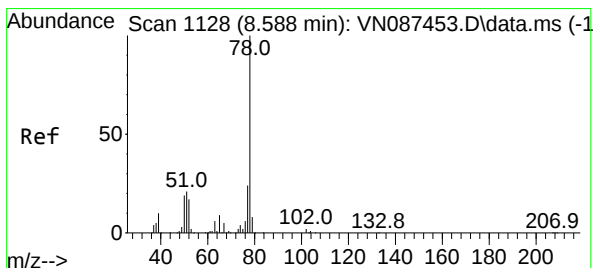
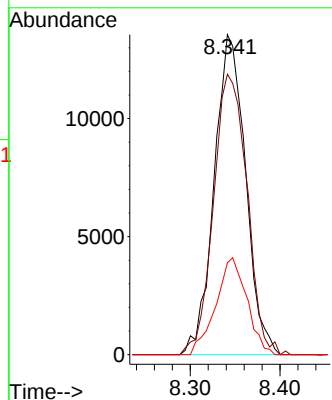
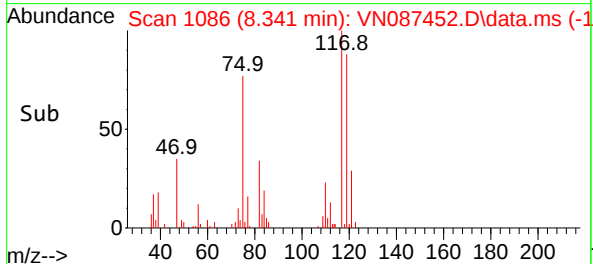


#33
Carbon Tetrachloride
Concen: 5.173 ug/l
RT: 8.341 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

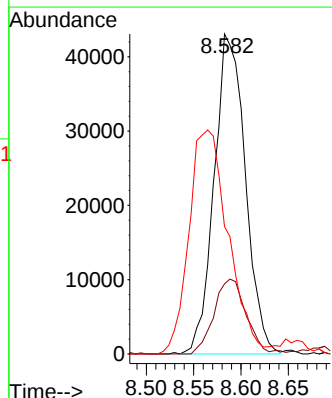
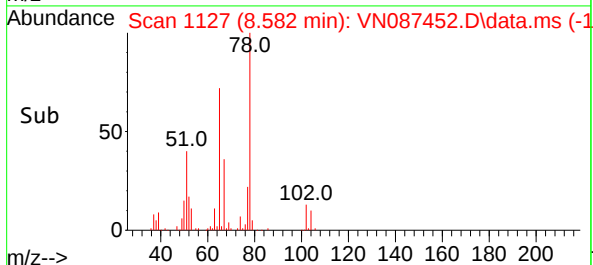
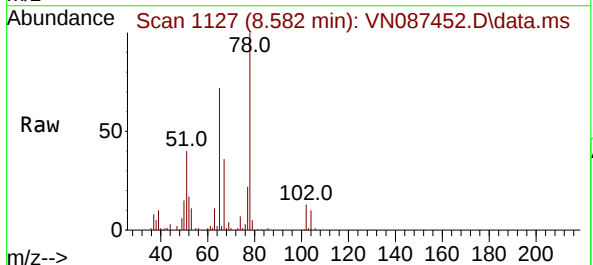


Tgt Ion: 117 Resp: 32877
Ion Ratio Lower Upper
117 100
119 87.6 73.4 110.0
121 28.7 21.1 31.7



#34
Benzene
Concen: 5.207 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 78 Resp: 98586
Ion Ratio Lower Upper
78 100
77 21.9 19.2 28.8
51 37.4 16.9 25.3

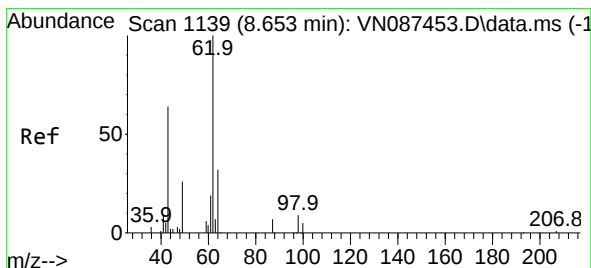
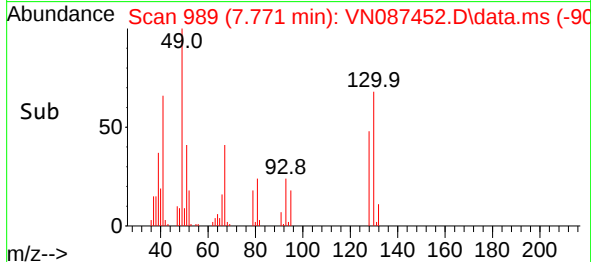
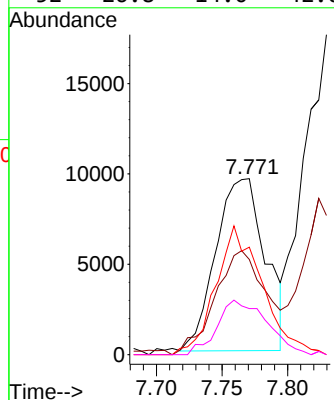
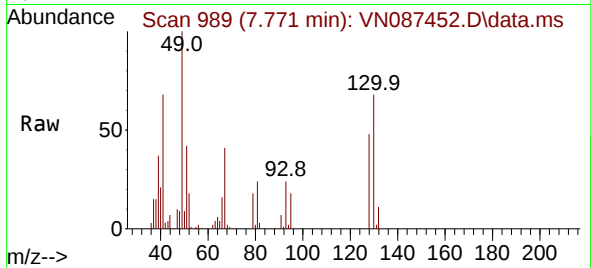




#35
Methacrylonitrile
Concen: 5.260 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

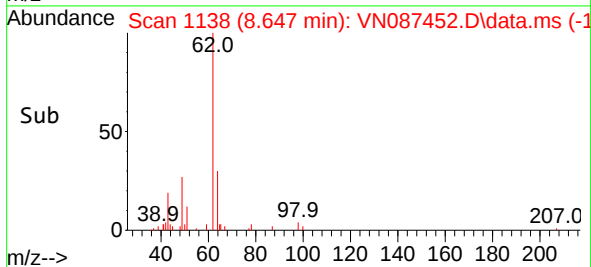
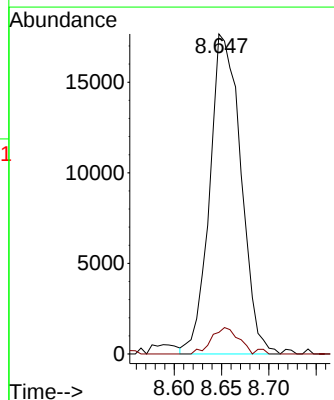
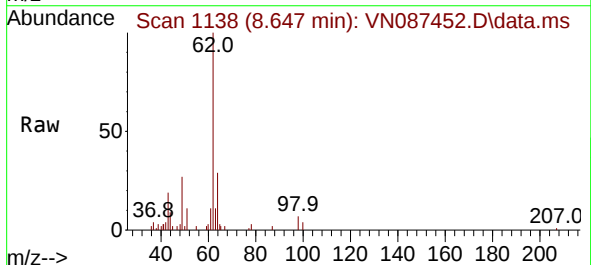
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

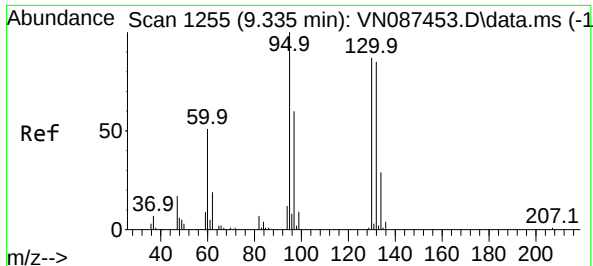
Tgt Ion:	41	Resp:	25099
Ion	Ratio	Lower	Upper
41	100		
39	52.8	30.1	90.5
67	58.9	32.0	96.2
52	26.8	14.0	42.0



#36
1,2-Dichloroethane
Concen: 5.291 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion:	62	Resp:	40495
Ion	Ratio	Lower	Upper
62	100		
98	7.1	6.6	9.8

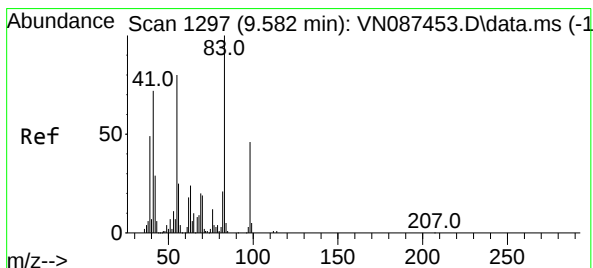
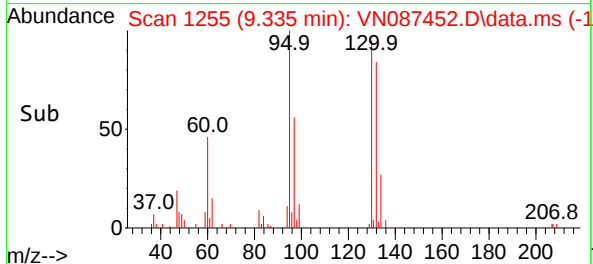
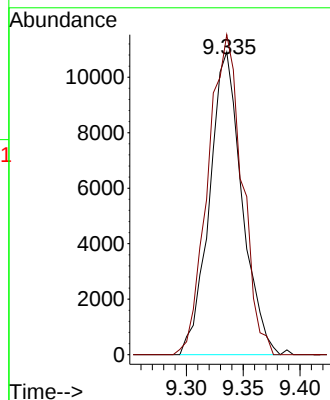
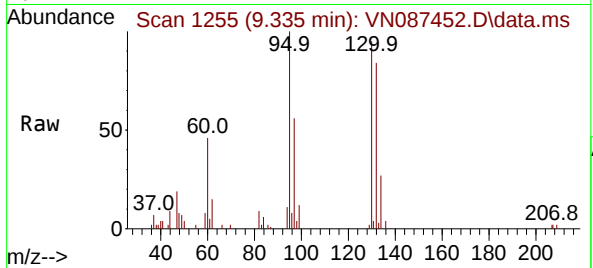




#37
Trichloroethene
Concen: 5.213 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

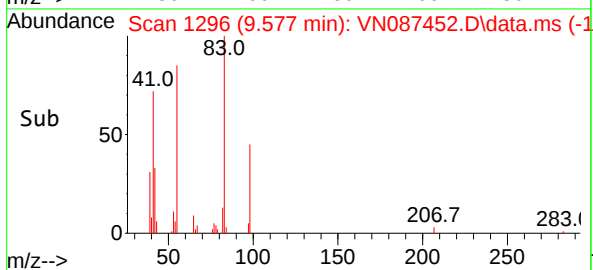
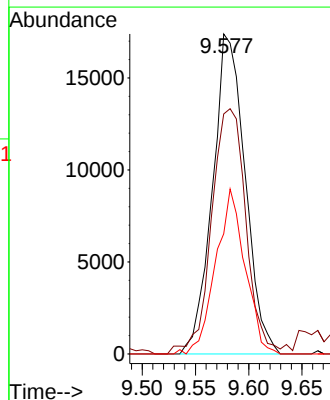
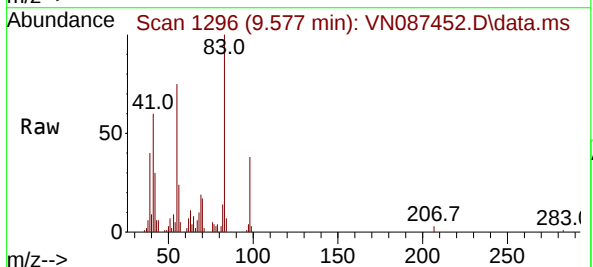
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

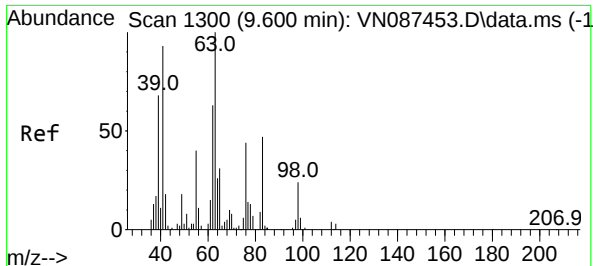
Tgt Ion:130 Resp: 21742
Ion Ratio Lower Upper
130 100
95 105.7 91.4 137.2



#38
Methylcyclohexane
Concen: 5.313 ug/l
RT: 9.577 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 83 Resp: 36974
Ion Ratio Lower Upper
83 100
55 79.5 41.2 123.6
98 46.2 23.3 69.9





#39

1,2-Dichloropropane

Concen: 5.333 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

Instrument :

MSVOA_N

ClientSampleId :

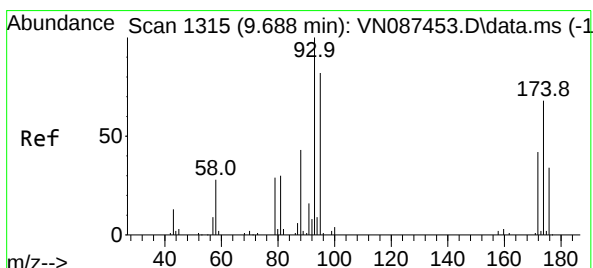
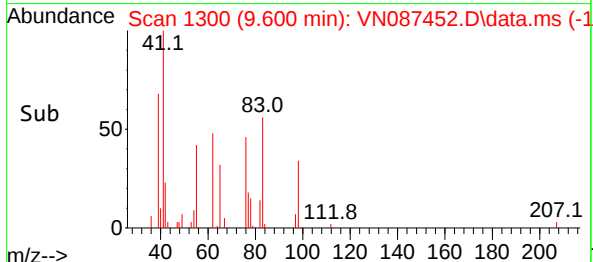
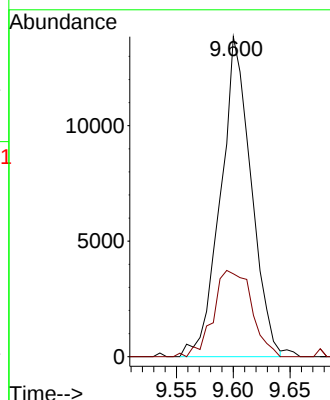
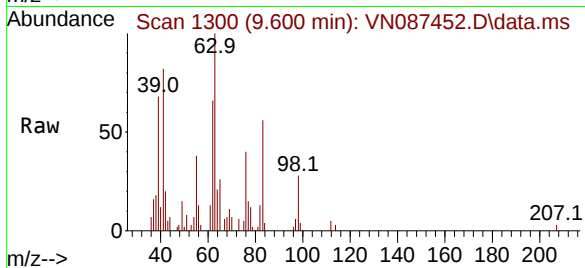
VSTDIC005

Tgt Ion: 63 Resp: 25889

Ion Ratio Lower Upper

63 100

65 25.9 24.6 36.8



#40

Dibromomethane

Concen: 5.327 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

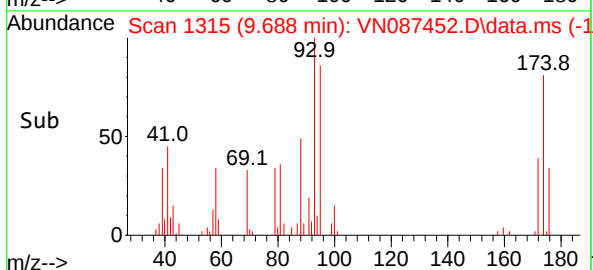
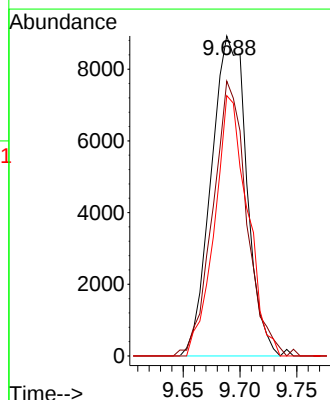
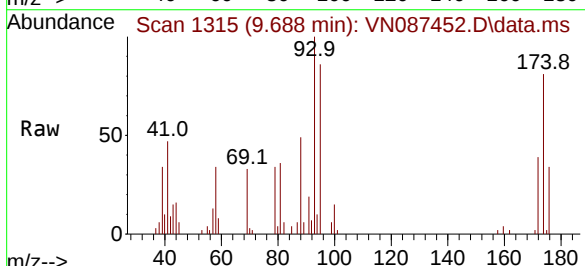
Tgt Ion: 93 Resp: 19402

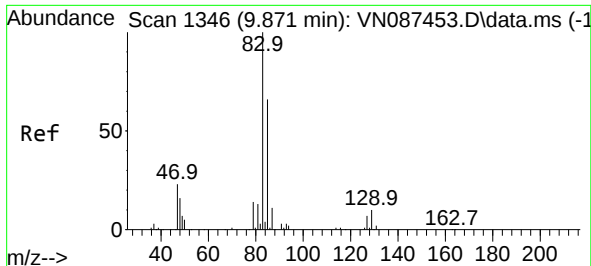
Ion Ratio Lower Upper

93 100

95 81.7 0.0 161.6

174 75.6 0.0 151.4

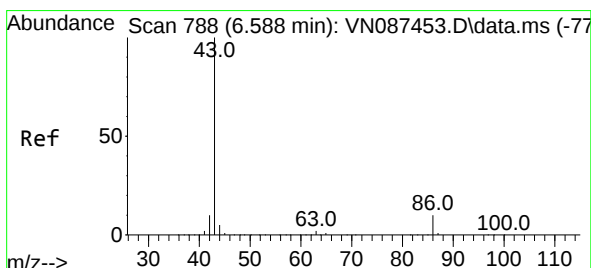
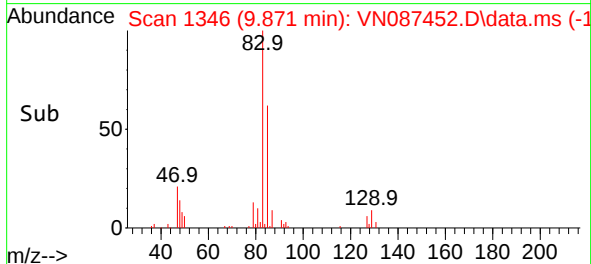
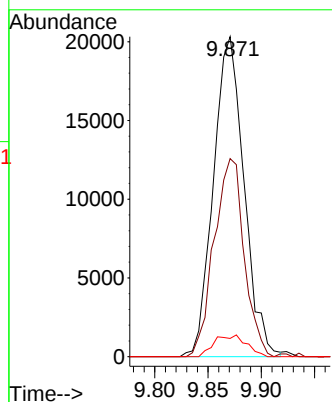
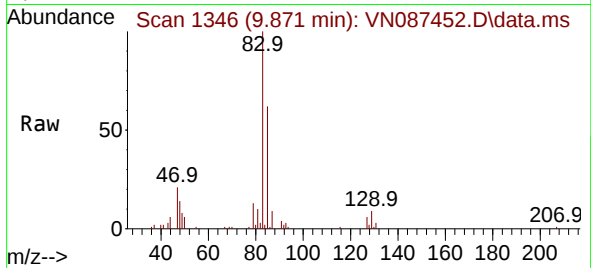




#41
Bromodichloromethane
Concen: 5.362 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

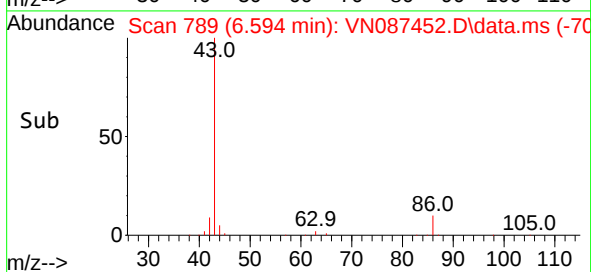
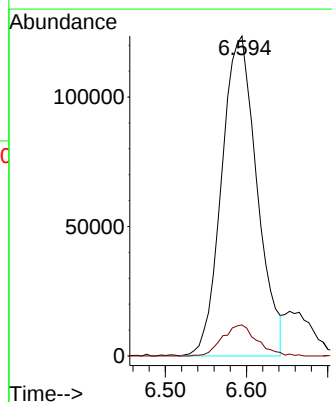
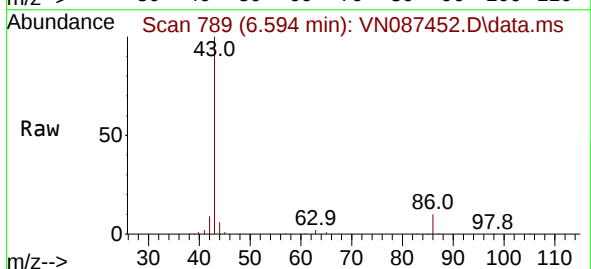
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

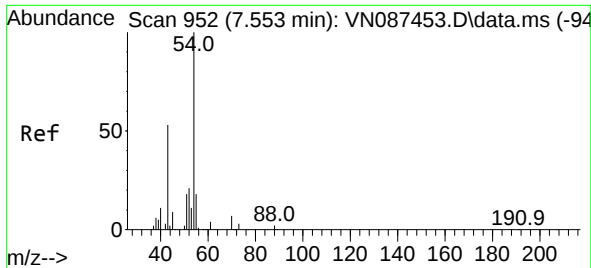
Tgt Ion: 83 Resp: 40582
Ion Ratio Lower Upper
83 100
85 61.9 52.9 79.3
127 5.7 5.8 8.6#



#42
Vinyl Acetate
Concen: 25.723 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 43 Resp: 374548
Ion Ratio Lower Upper
43 100
86 9.4 7.3 10.9

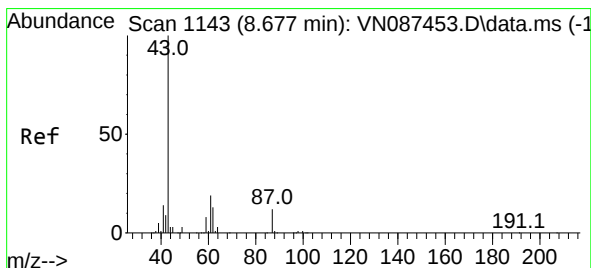
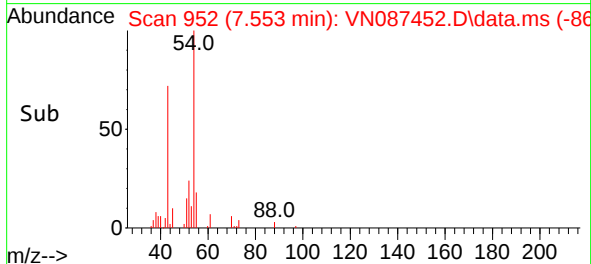
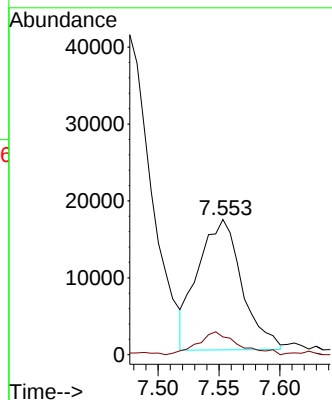
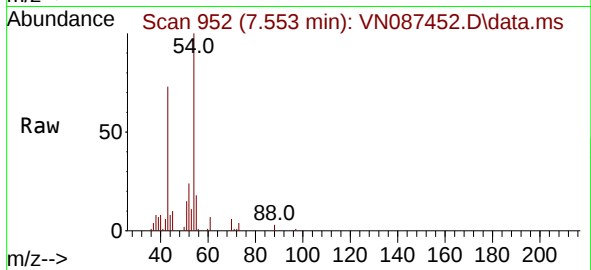




#43
Ethyl Acetate
Concen: 5.051 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

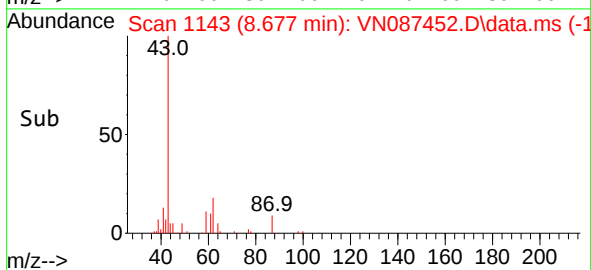
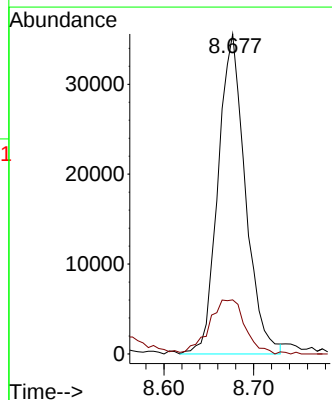
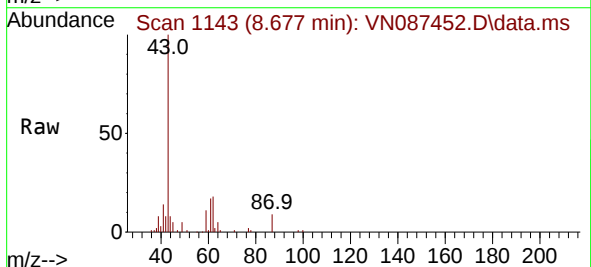
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

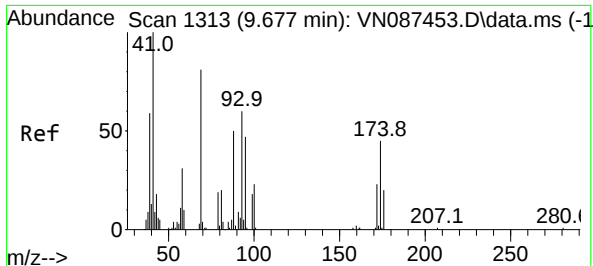
Tgt Ion: 43 Resp: 42509
Ion Ratio Lower Upper
43 100
45 15.4 11.1 16.7



#44
Isopropyl Acetate
Concen: 5.197 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 43 Resp: 75250
Ion Ratio Lower Upper
43 100
61 22.1 18.6 28.0





#45

1,4-Dioxane

Concen: 103.972 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

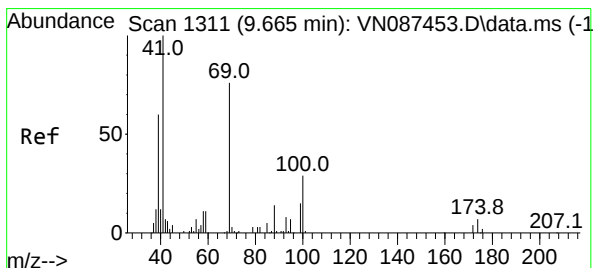
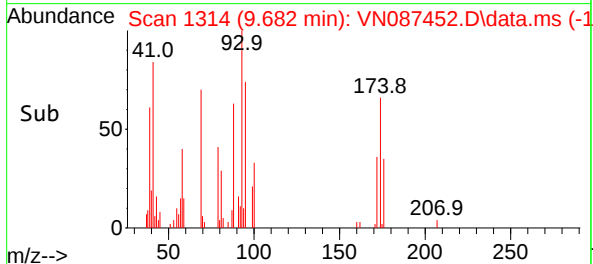
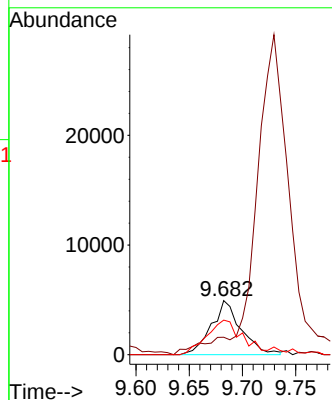
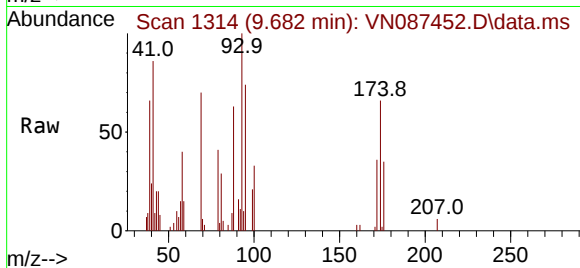
Tgt Ion: 88 Resp: 9597

Ion Ratio Lower Upper

88 100

43 9.7 24.1 36.1#

58 76.6 57.2 85.8



#46

Methyl methacrylate

Concen: 5.168 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

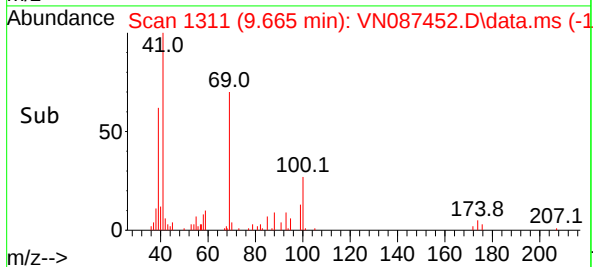
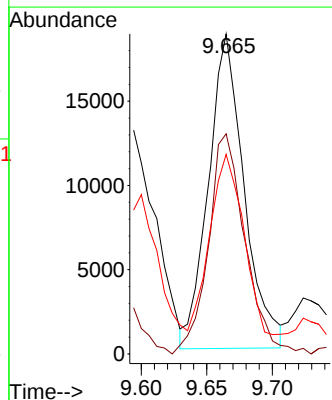
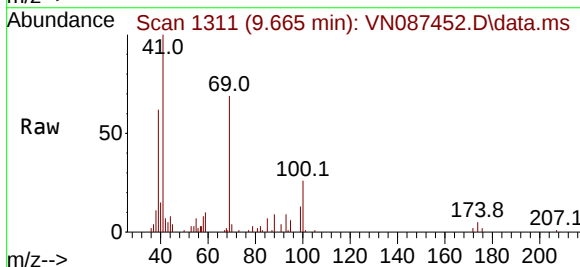
Tgt Ion: 41 Resp: 35322

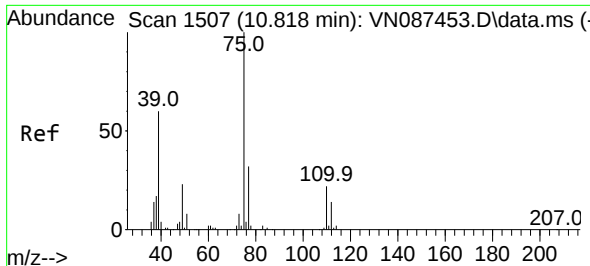
Ion Ratio Lower Upper

41 100

69 71.7 37.1 111.5

39 61.0 30.7 92.1

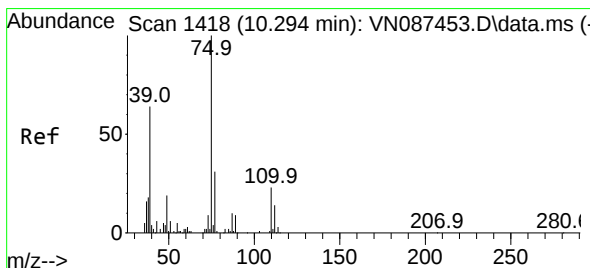
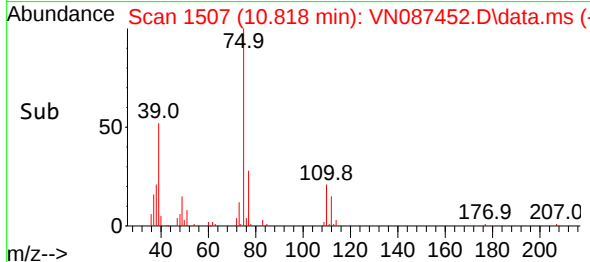
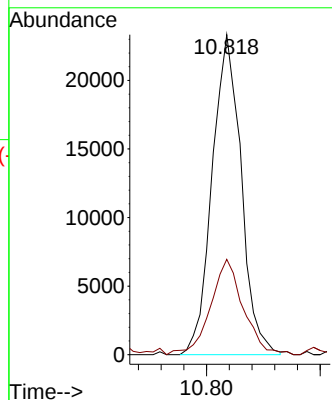
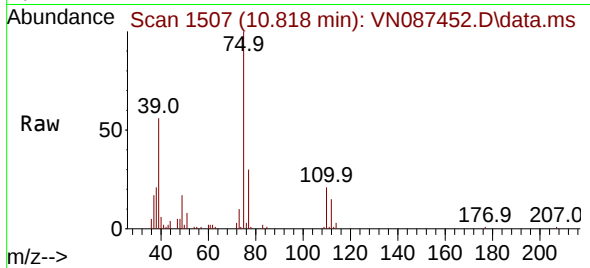




#48
 t-1,3-Dichloropropene
 Concen: 5.029 ug/l
 RT: 10.818 min Scan# 1507
 Delta R.T. 0.000 min
 Lab File: VN087452.D
 Acq: 05 Aug 2025 13:37

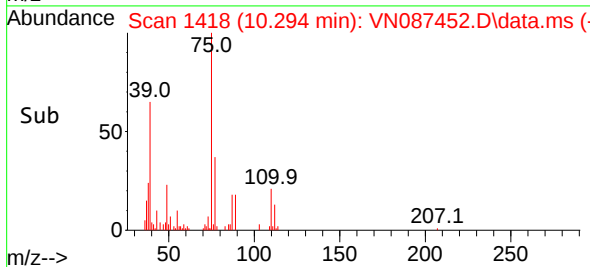
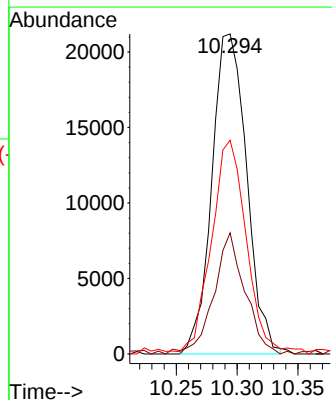
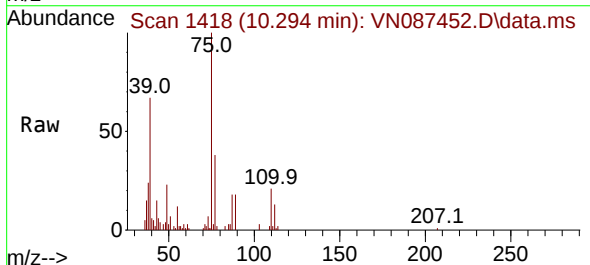
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

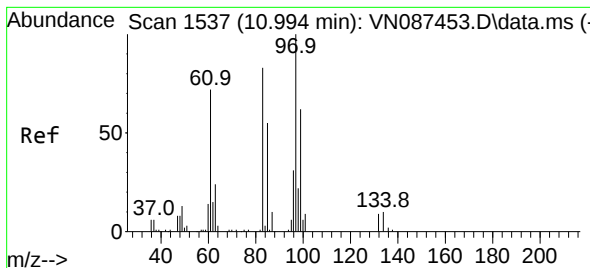
Tgt Ion: 75 Resp: 41412
 Ion Ratio Lower Upper
 75 100
 77 29.0 25.3 37.9



#49
 cis-1,3-Dichloropropene
 Concen: 5.083 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087452.D
 Acq: 05 Aug 2025 13:37

Tgt Ion: 75 Resp: 42124
 Ion Ratio Lower Upper
 75 100
 77 37.8 24.6 36.8#
 39 66.1 51.5 77.3

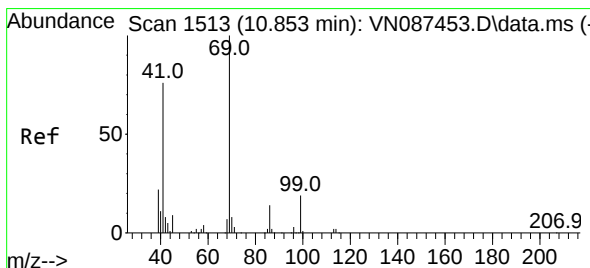
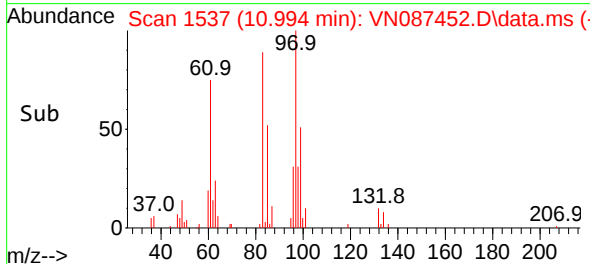
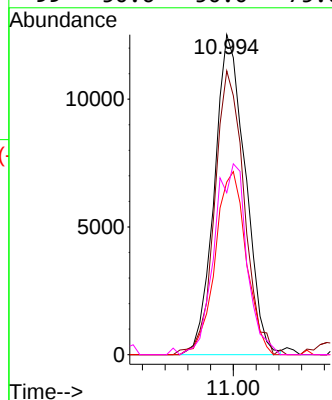
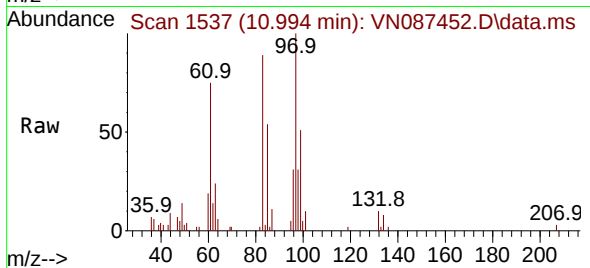




#50
1,1,2-Trichloroethane
Concen: 5.123 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

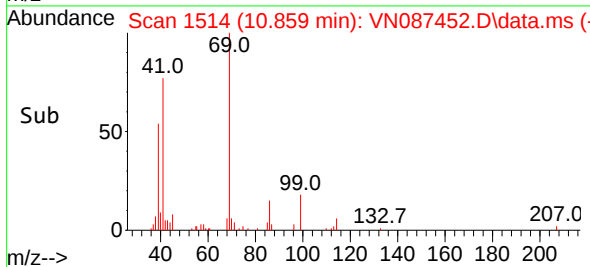
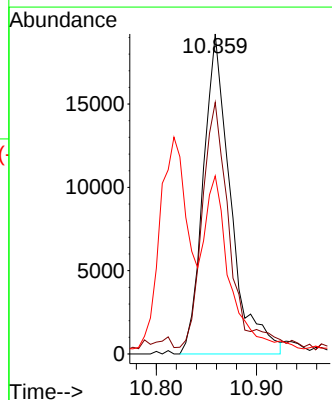
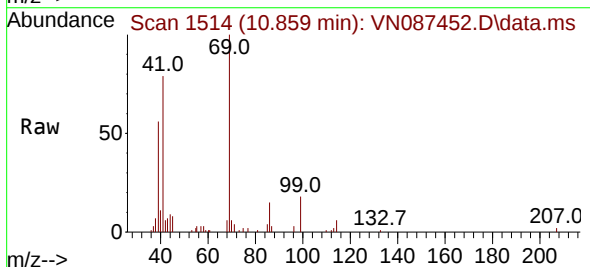
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

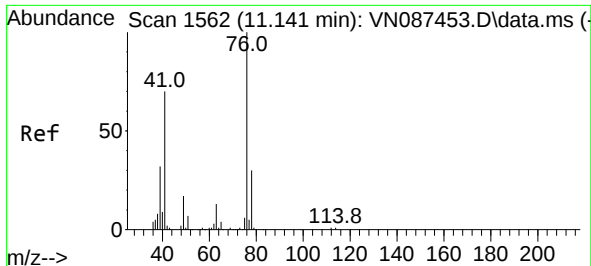
Tgt Ion:	97	Resp:	23578
Ion	Ratio	Lower	Upper
97	100		
83	87.3	66.2	99.2
85	53.9	43.9	65.9
99	50.6	50.0	75.0



#51
Ethyl methacrylate
Concen: 4.529 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion:	69	Resp:	36705
Ion	Ratio	Lower	Upper
69	100		
41	76.5	38.0	114.1
39	51.6	23.2	69.5

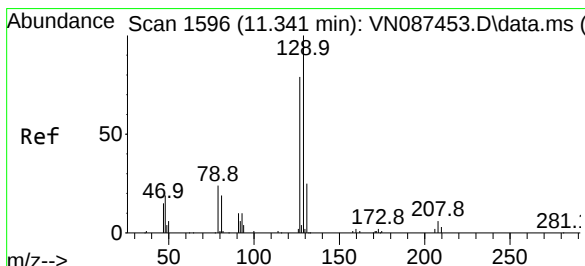
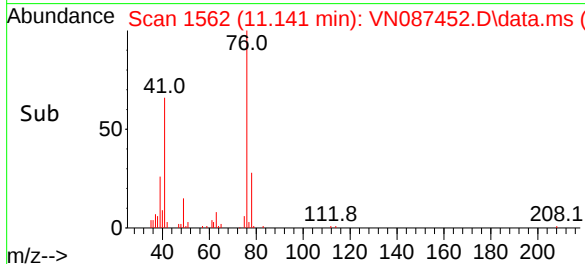
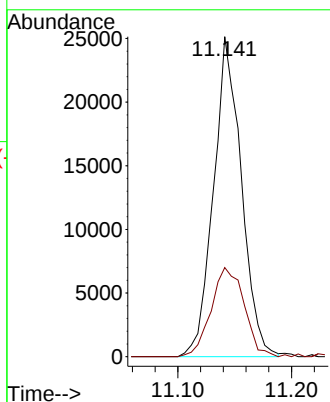
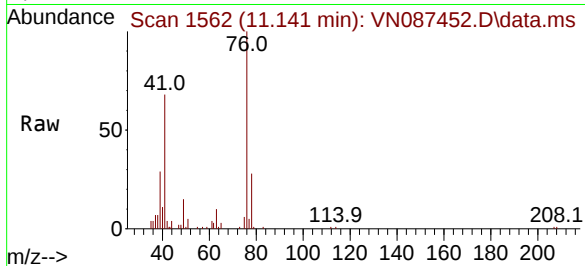




#52
1,3-Dichloropropane
Concen: 5.166 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

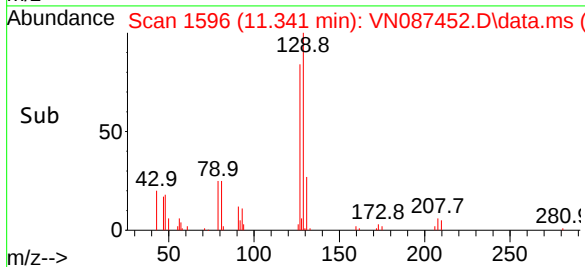
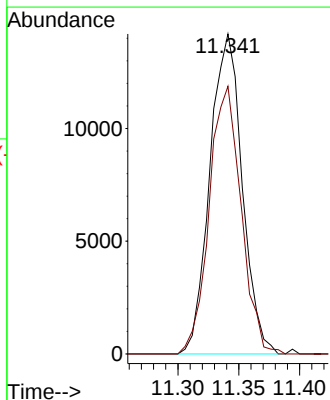
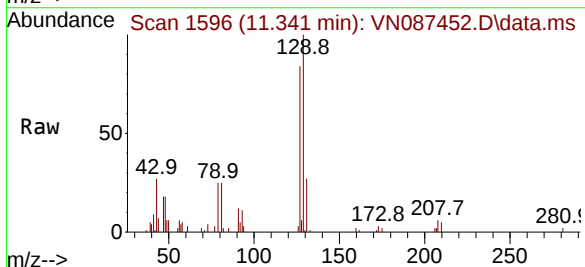
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

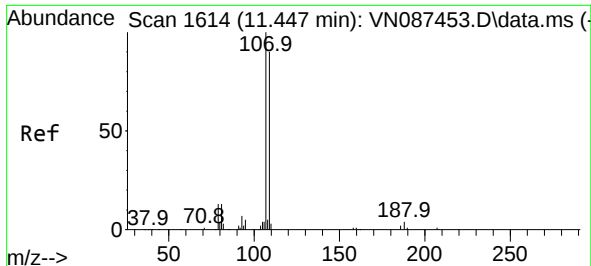
Tgt Ion: 76 Resp: 42828
Ion Ratio Lower Upper
76 100
78 32.9 0.0 63.0



#53
Dibromochloromethane
Concen: 4.929 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 129 Resp: 26196
Ion Ratio Lower Upper
129 100
127 82.3 39.1 117.3

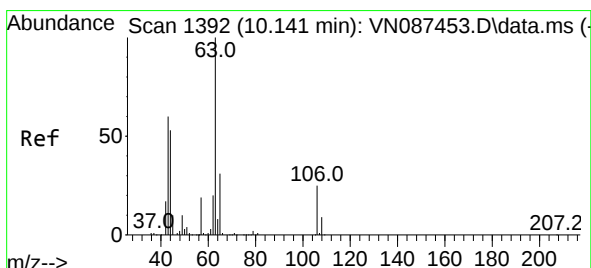
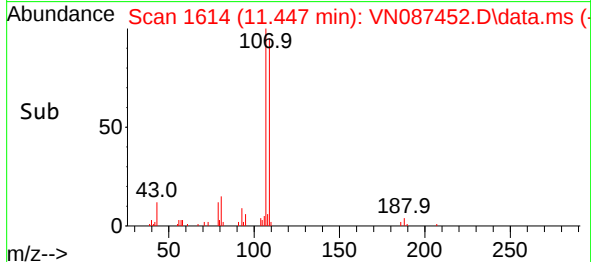
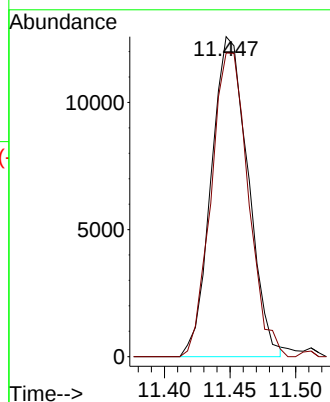
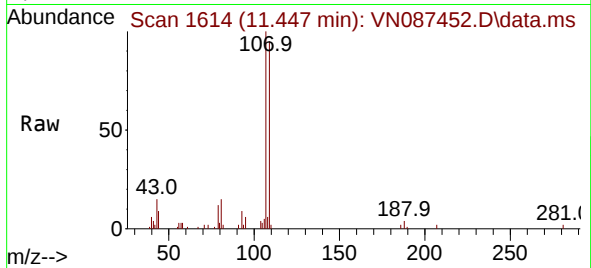




#54
1,2-Dibromoethane
Concen: 5.026 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

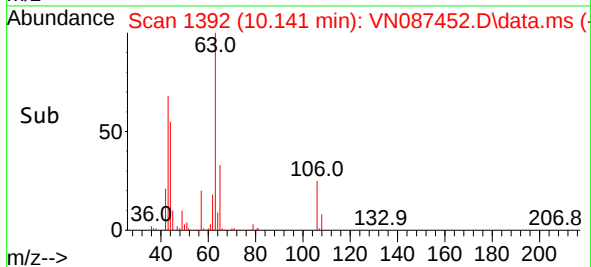
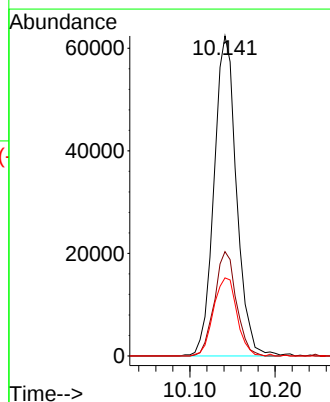
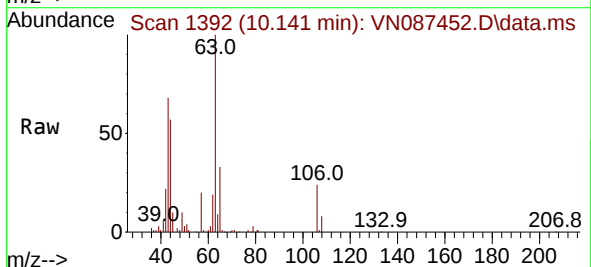
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

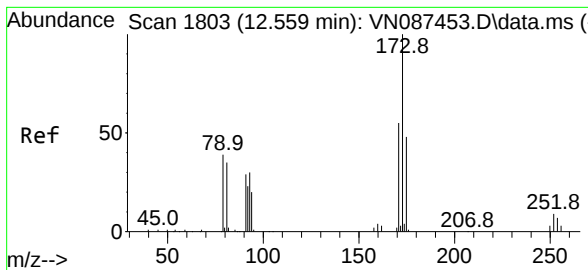
Tgt Ion:107 Resp: 24555
Ion Ratio Lower Upper
107 100
109 95.6 74.2 111.4



#55
2-Chloroethyl vinyl ether
Concen: 26.788 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 63 Resp: 114298
Ion Ratio Lower Upper
63 100
65 31.7 25.7 38.5
106 25.5 20.7 31.1

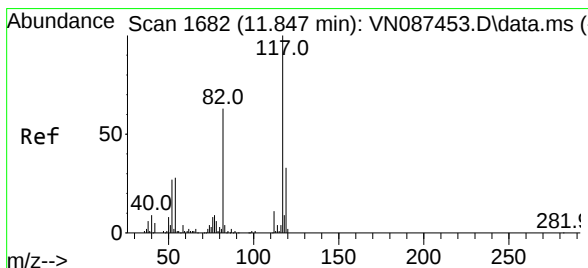
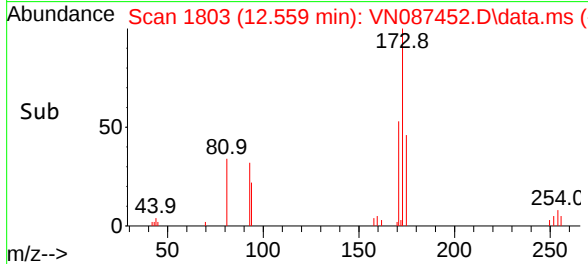
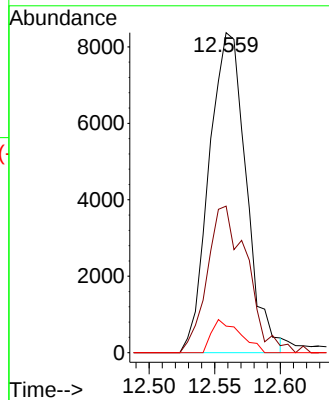
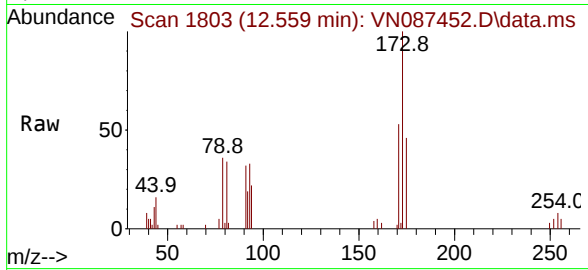




#56
Bromoform
Concen: 4.675 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

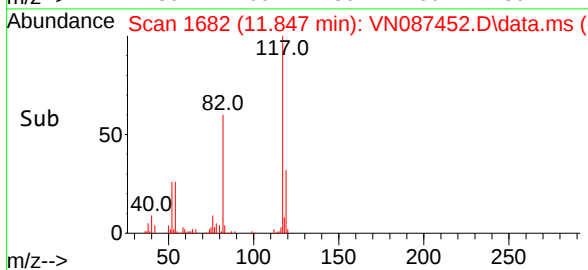
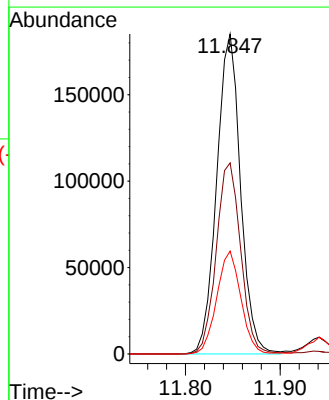
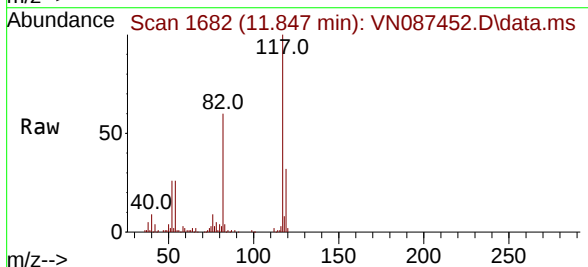
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

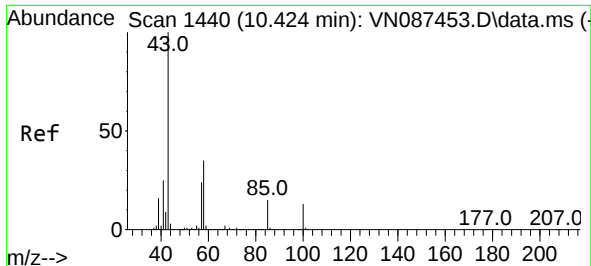
Tgt Ion:173 Resp: 16434
Ion Ratio Lower Upper
173 100
175 32.9 38.8 58.2#
254 8.0 3.9 5.9#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion:117 Resp: 324158
Ion Ratio Lower Upper
117 100
82 61.1 49.2 73.8
119 32.5 25.7 38.5

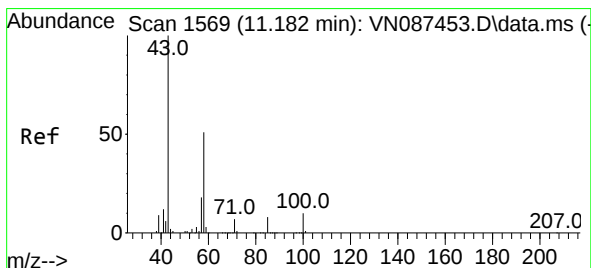
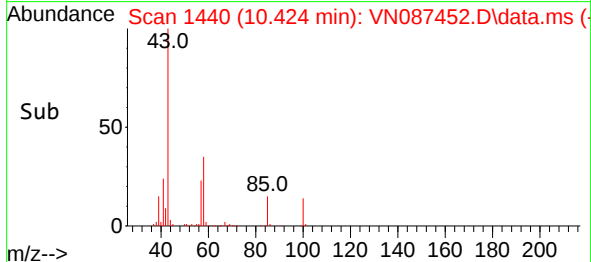
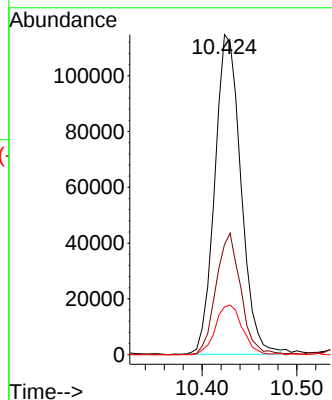
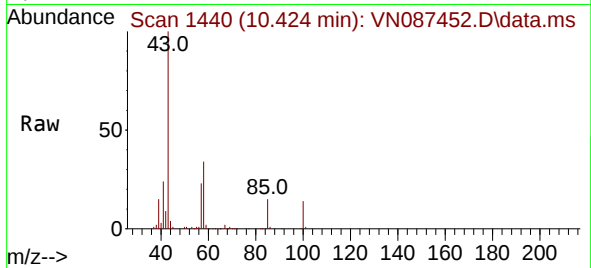




#58
4-Methyl-2-Pentanone
Concen: 26.335 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

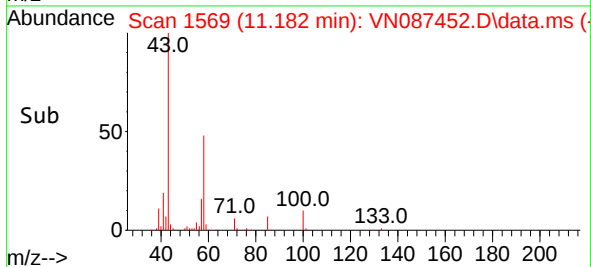
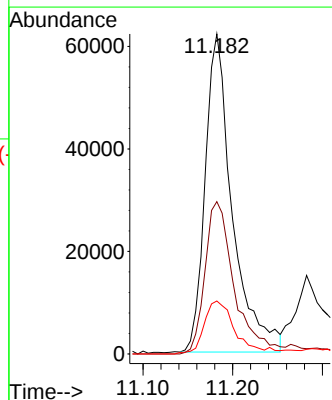
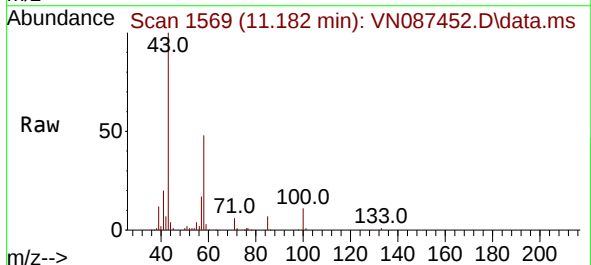
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

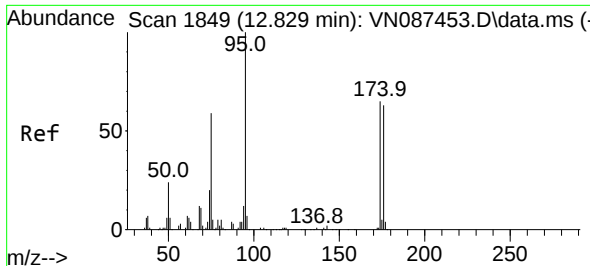
Tgt Ion: 43 Resp: 219603
Ion Ratio Lower Upper
43 100
58 35.6 29.0 43.6
85 16.0 12.7 19.1



#59
2-Hexanone
Concen: 23.053 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 43 Resp: 130616
Ion Ratio Lower Upper
43 100
58 51.8 41.0 61.6
57 18.3 14.6 21.8

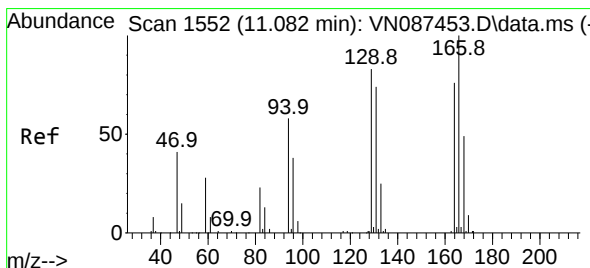
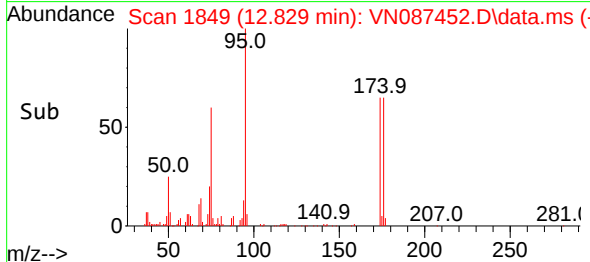
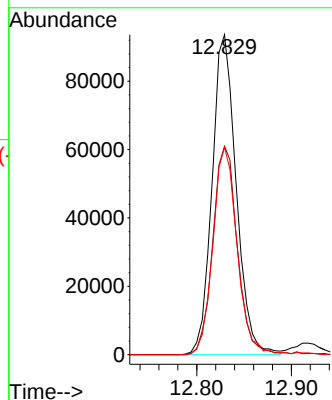
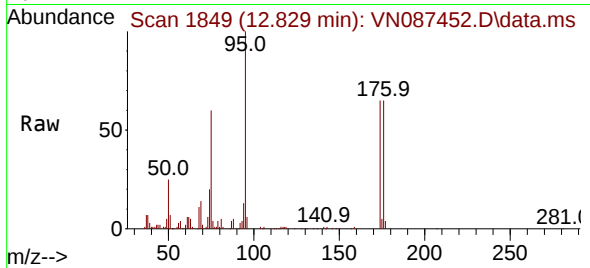




#60
4-Bromofluorobenzene
Concen: 29.766 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

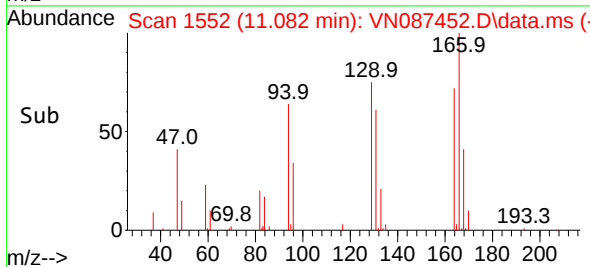
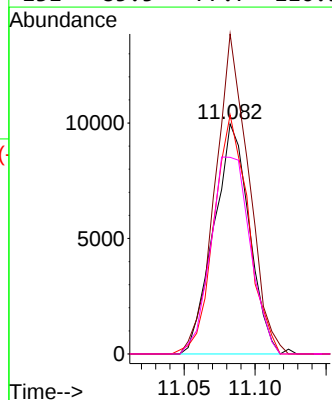
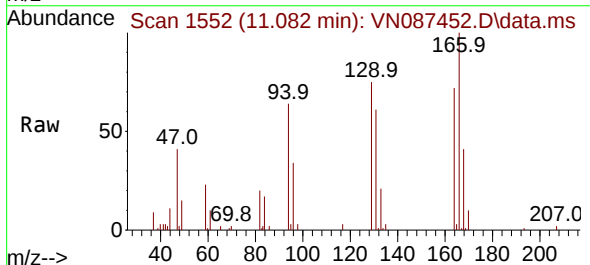
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

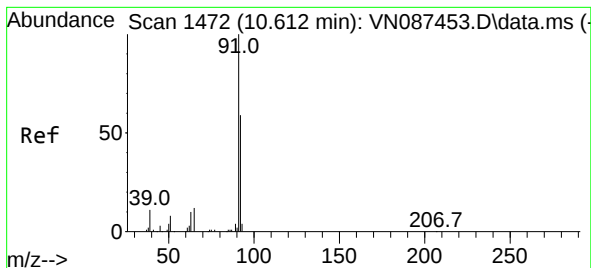
Tgt Ion: 95 Resp: 166050
Ion Ratio Lower Upper
95 100
174 66.1 52.3 78.5
176 64.5 49.8 74.8



#61
Tetrachloroethene
Concen: 5.471 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion:164 Resp: 17278
Ion Ratio Lower Upper
164 100
166 139.1 105.4 158.0
129 103.9 87.7 131.5
131 85.5 77.7 116.5





#62

Toluene

Concen: 5.333 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

Instrument :

MSVOA_N

ClientSampleId :

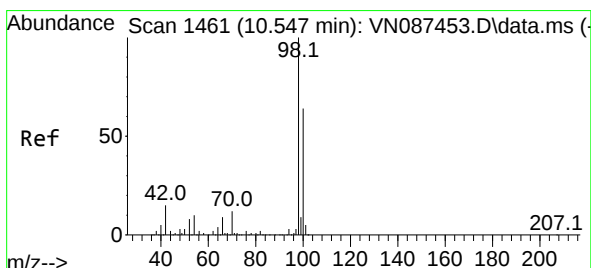
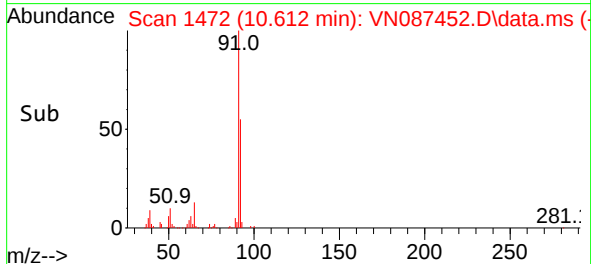
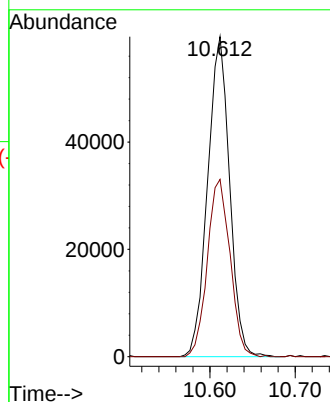
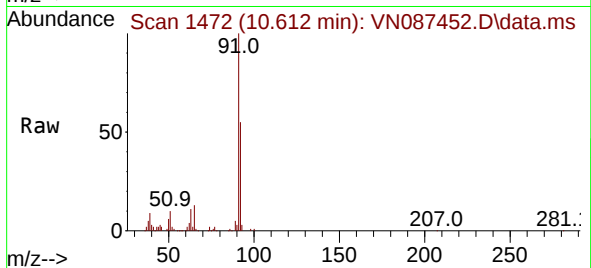
VSTDIC005

Tgt Ion: 91 Resp: 106690

Ion Ratio Lower Upper

91 100

92 57.2 45.8 68.6



#63

Toluene-d8

Concen: 30.702 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087452.D

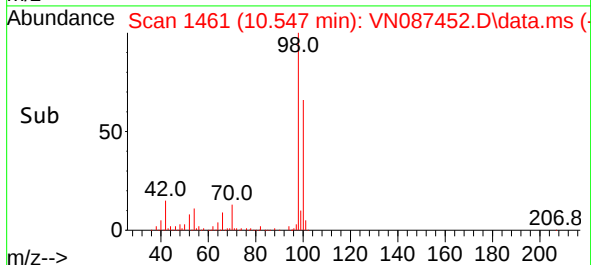
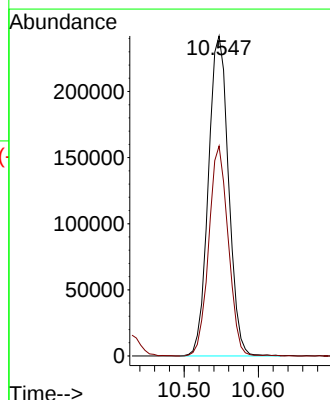
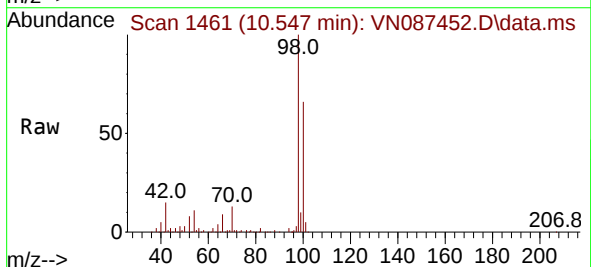
Acq: 05 Aug 2025 13:37

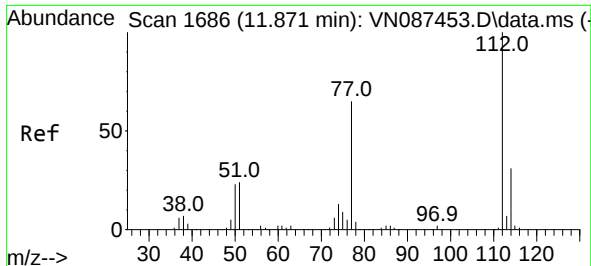
Tgt Ion: 98 Resp: 457922

Ion Ratio Lower Upper

98 100

100 63.0 50.5 75.7

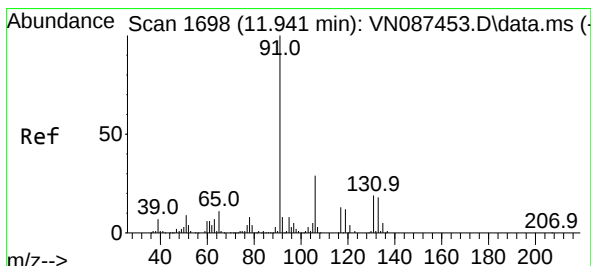
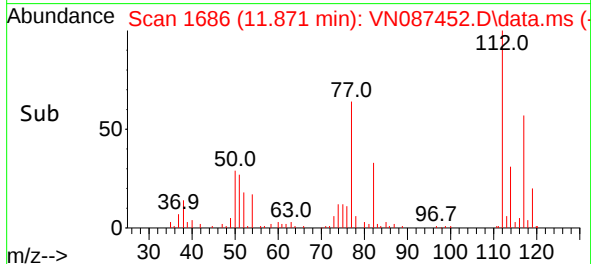
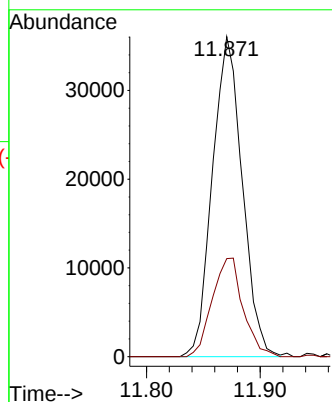
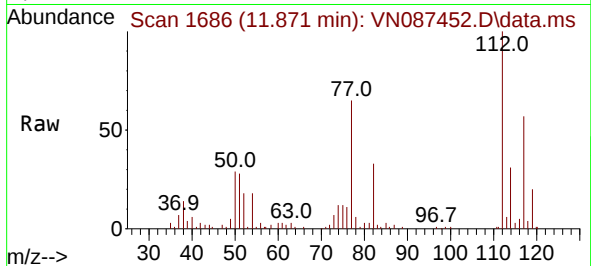




#64
Chlorobenzene
Concen: 5.354 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

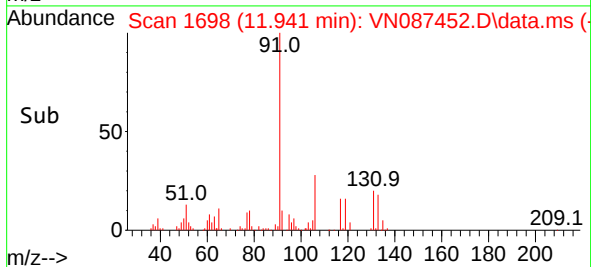
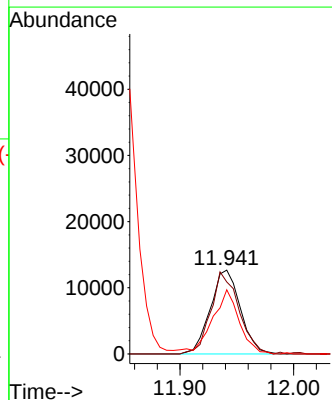
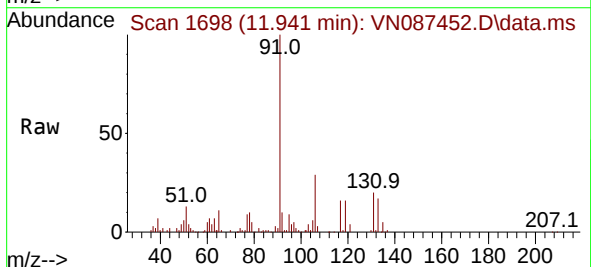
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

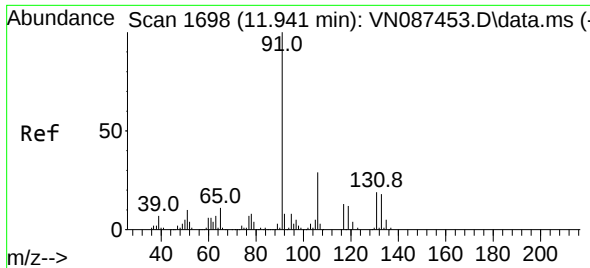
Tgt Ion:112 Resp: 65821
Ion Ratio Lower Upper
112 100
114 30.7 24.7 37.1



#65
1,1,1,2-Tetrachloroethane
Concen: 5.381 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion:131 Resp: 23260
Ion Ratio Lower Upper
131 100
133 91.5 0.0 189.8
119 66.7 0.0 133.2

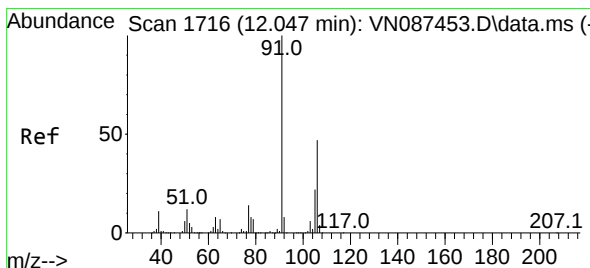
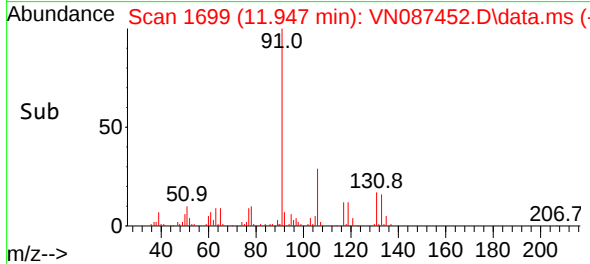
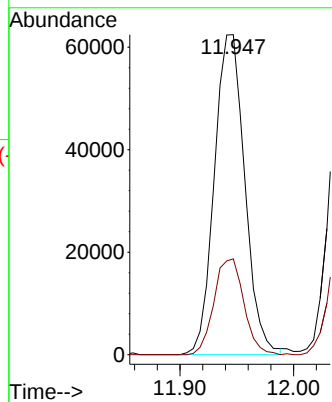
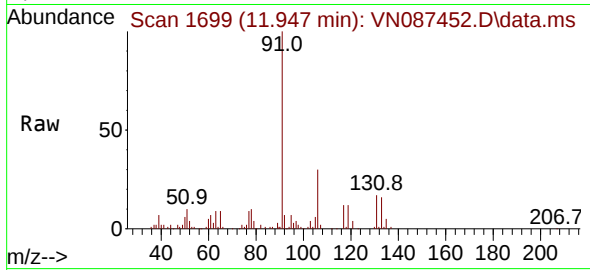




#66
Ethyl Benzene
Concen: 5.219 ug/l
RT: 11.947 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

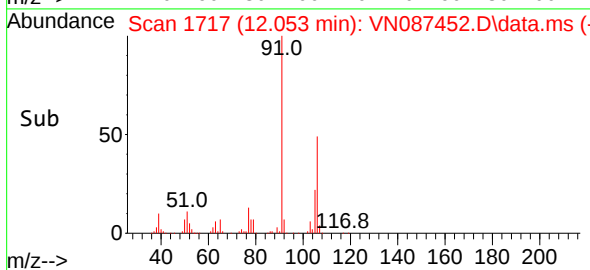
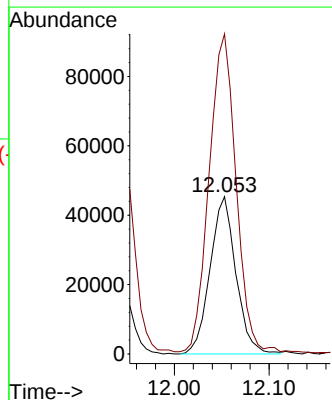
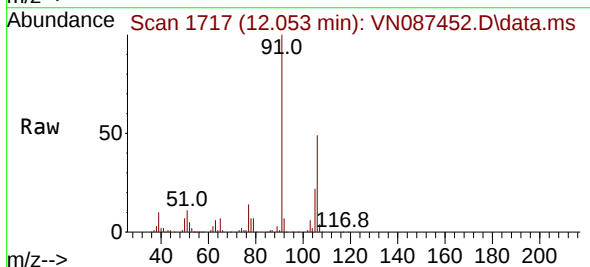
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

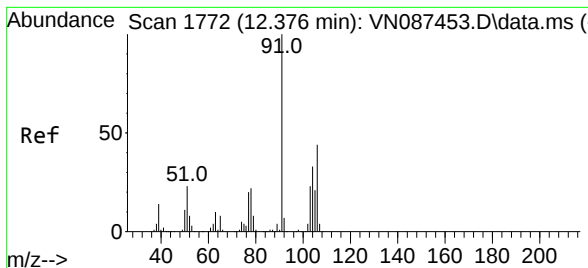
Tgt Ion: 91 Resp: 116379
Ion Ratio Lower Upper
91 100
106 29.9 22.9 34.3



#67
m/p-Xylenes
Concen: 10.503 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 106 Resp: 85967
Ion Ratio Lower Upper
106 100
91 211.9 174.2 261.2





#68

o-Xylene

Concen: 5.306 ug/l

RT: 12.376 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

Instrument :

MSVOA_N

ClientSampleId :

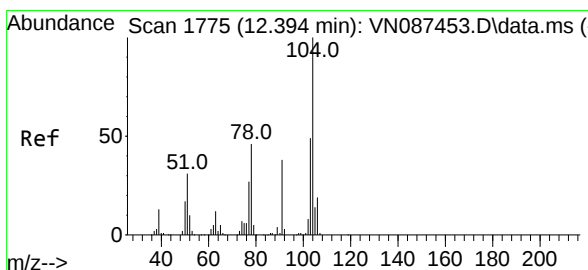
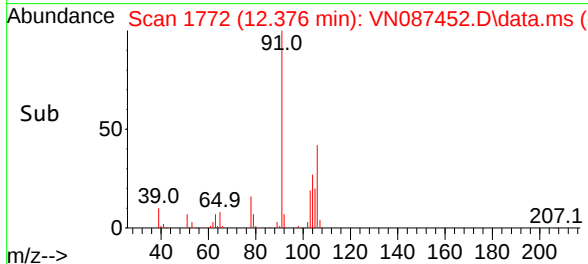
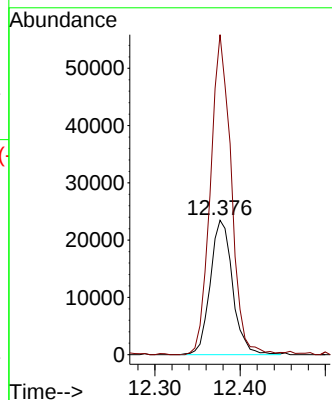
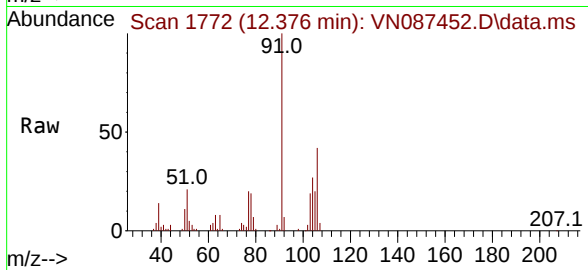
VSTDIC005

Tgt Ion:106 Resp: 42724

Ion Ratio Lower Upper

106 100

91 221.3 114.5 343.5



#69

Styrene

Concen: 4.938 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

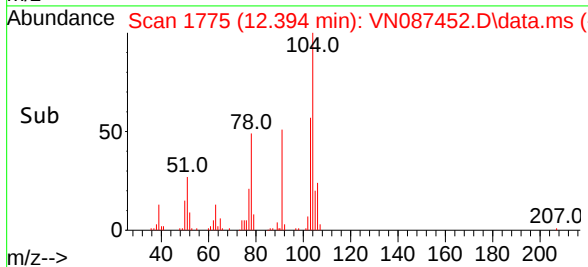
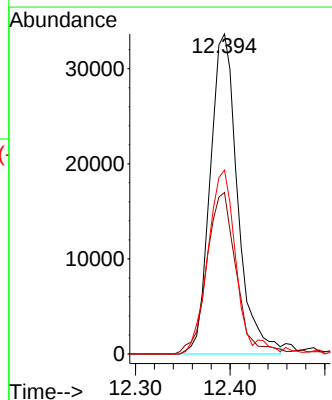
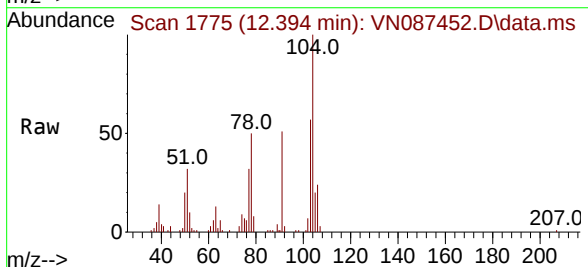
Tgt Ion:104 Resp: 67893

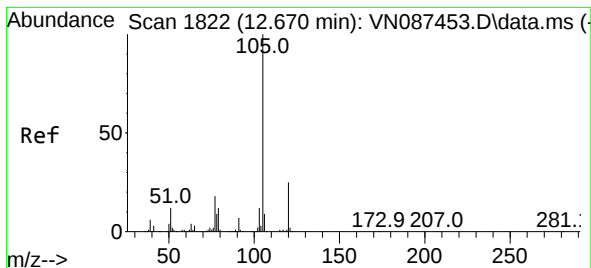
Ion Ratio Lower Upper

104 100

78 52.9 43.8 65.8

103 56.2 43.1 64.7





#70

Isopropylbenzene

Concen: 5.119 ug/l

RT: 12.676 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

Instrument :

MSVOA_N

ClientSampleId :

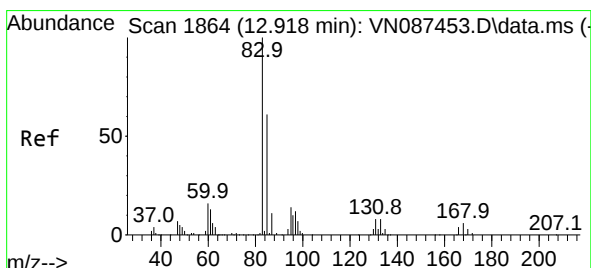
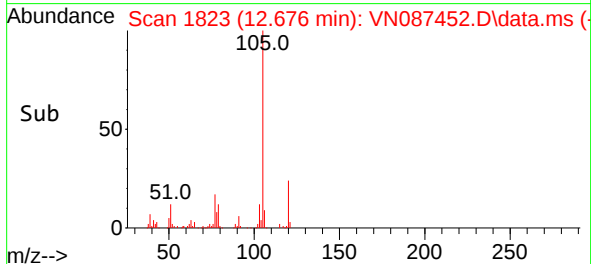
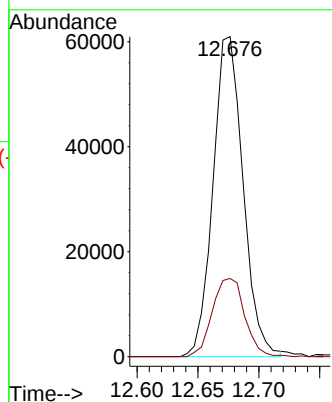
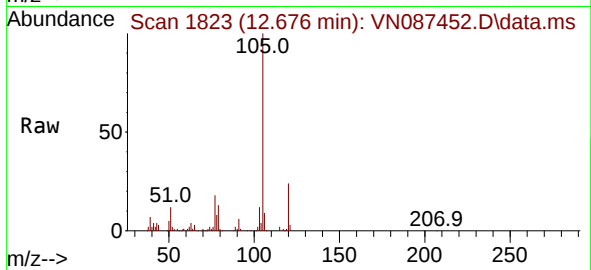
VSTDIC005

Tgt Ion:105 Resp: 104723

Ion Ratio Lower Upper

105 100

120 26.2 17.5 32.5



#71

1,1,2,2-Tetrachloroethane

Concen: 5.336 ug/l

RT: 12.918 min Scan# 1864

Delta R.T. 0.000 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

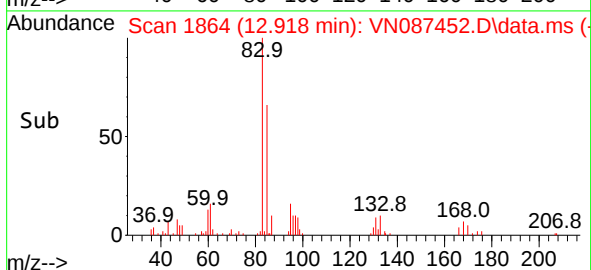
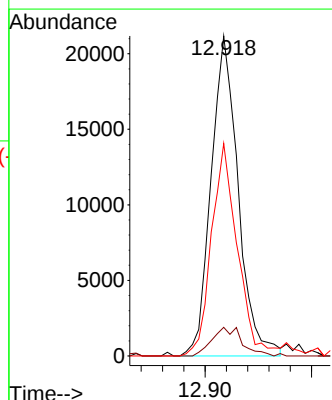
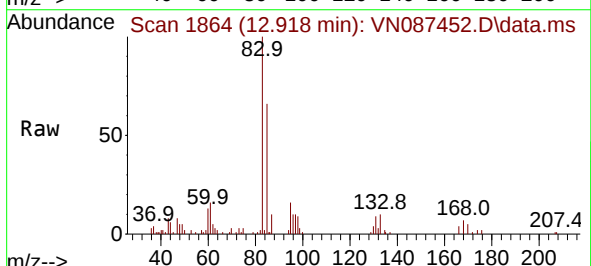
Tgt Ion: 83 Resp: 37401

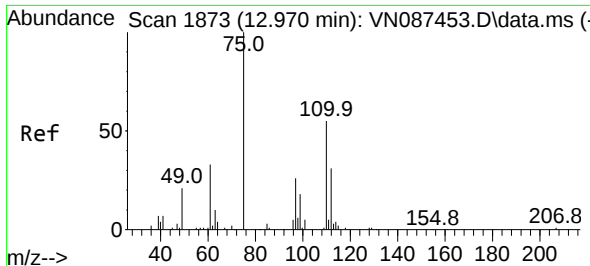
Ion Ratio Lower Upper

83 100

131 6.3 4.8 14.3

85 61.5 31.7 95.1

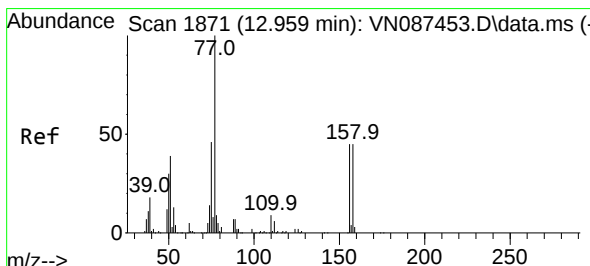
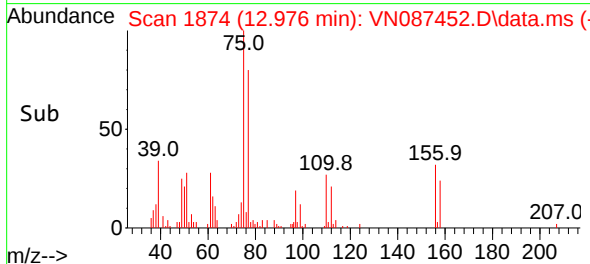
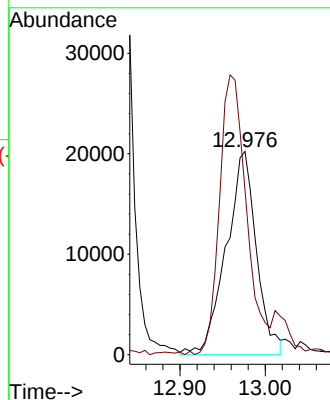
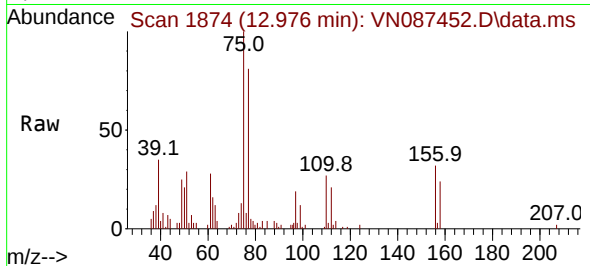




#72
1,2,3-Trichloropropane
Concen: 6.924 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

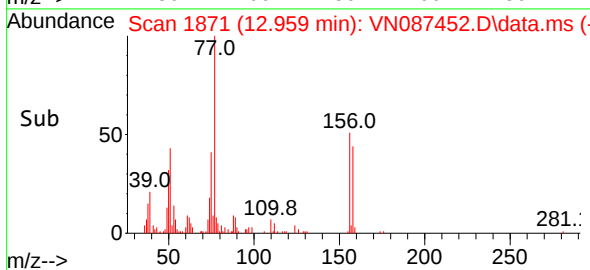
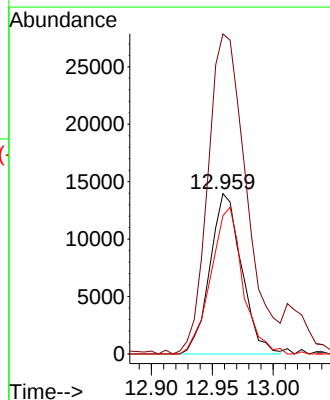
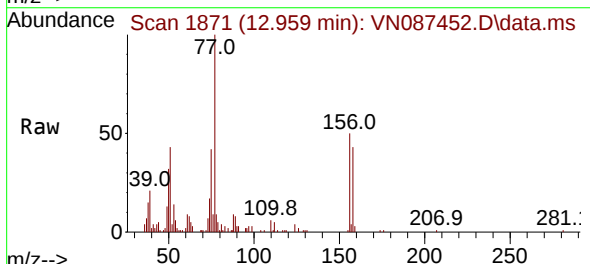
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

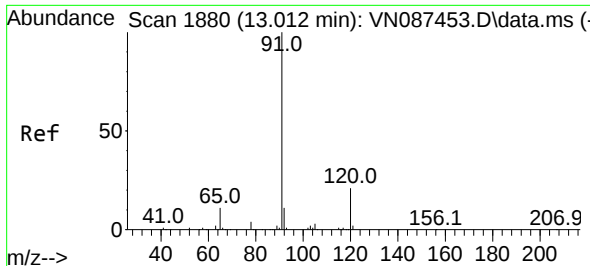
Tgt Ion: 75 Resp: 49891
Ion Ratio Lower Upper
75 100
77 122.9 0.0 385.0



#73
Bromobenzene
Concen: 5.331 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 156 Resp: 25284
Ion Ratio Lower Upper
156 100
77 242.5 0.0 506.6
158 92.3 0.0 193.6

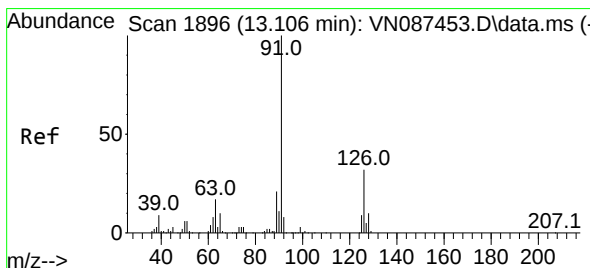
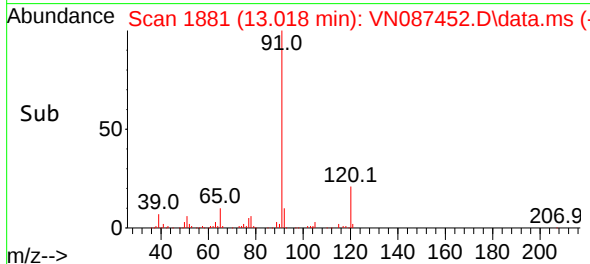
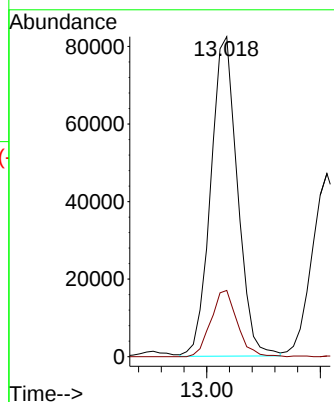
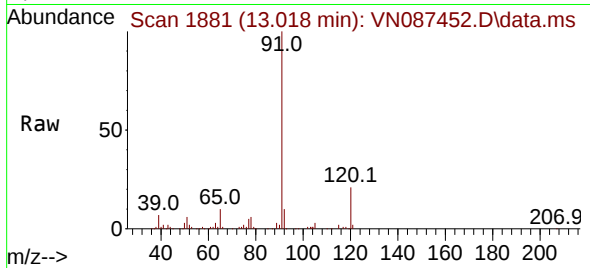




#74
n-propylbenzene
Concen: 5.275 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

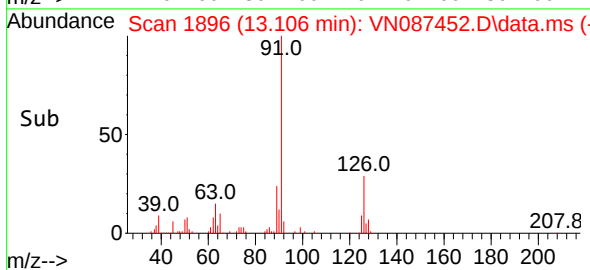
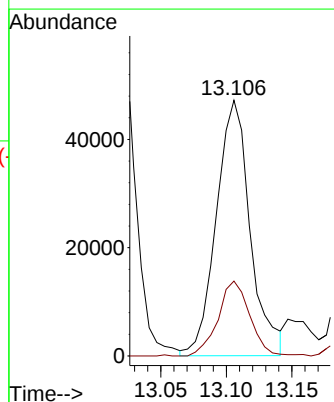
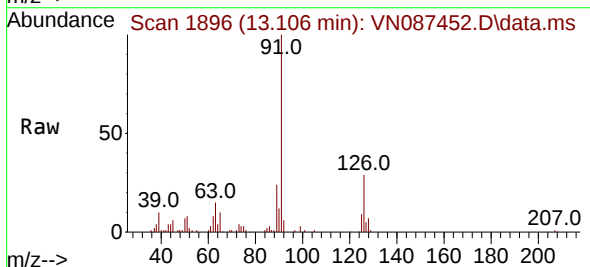
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

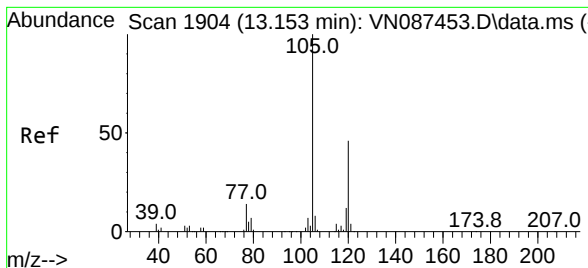
Tgt Ion: 91 Resp: 134786
Ion Ratio Lower Upper
91 100
120 20.4 0.0 41.8



#75
2-Chlorotoluene
Concen: 5.397 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 91 Resp: 84827
Ion Ratio Lower Upper
91 100
126 27.5 0.0 60.4

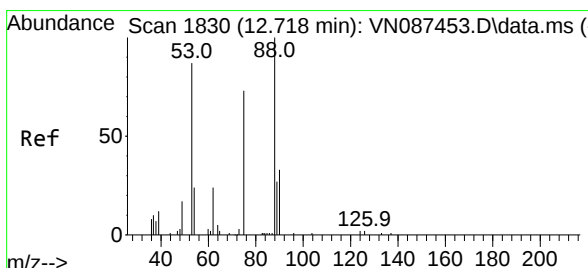
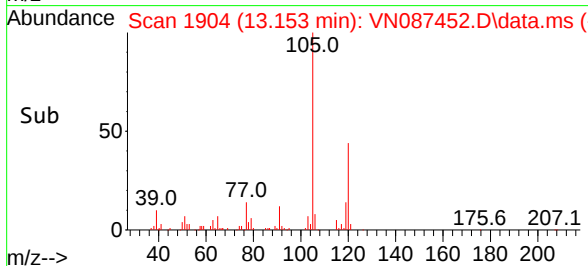
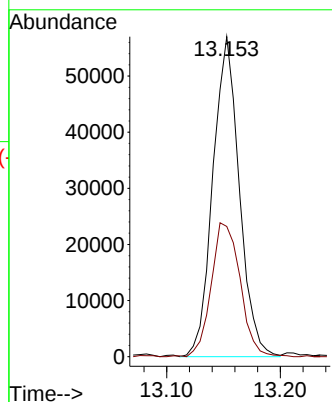
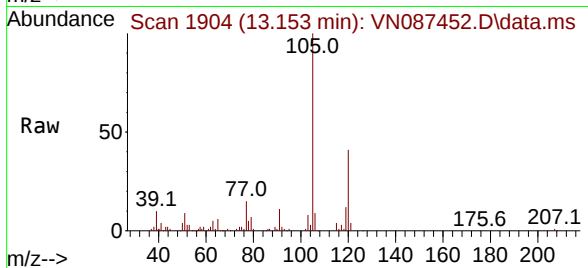




#76
 1,3,5-Trimethylbenzene
 Concen: 5.259 ug/l
 RT: 13.153 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VN087452.D
 Acq: 05 Aug 2025 13:37

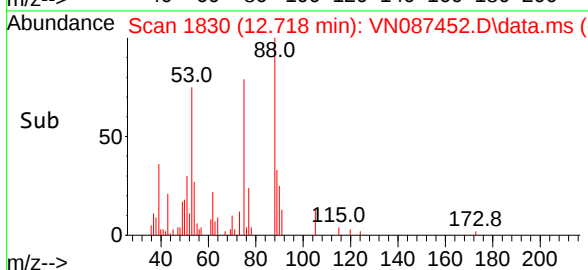
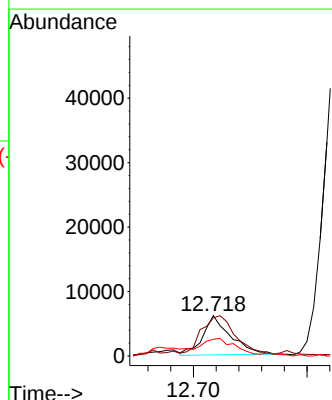
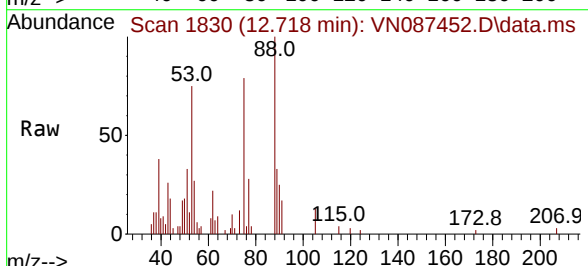
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

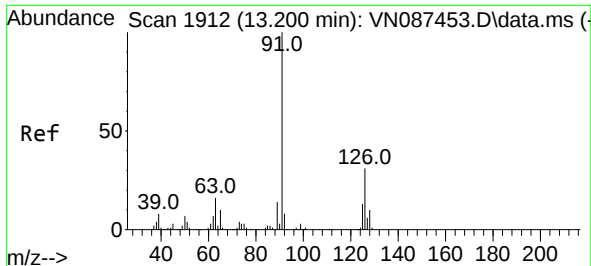
Tgt Ion:105 Resp: 92128
 Ion Ratio Lower Upper
 105 100
 120 45.7 0.0 91.2



#77
 t-1,4-Dichloro-2-butene
 Concen: 4.189 ug/l
 RT: 12.718 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: VN087452.D
 Acq: 05 Aug 2025 13:37

Tgt Ion: 75 Resp: 10355
 Ion Ratio Lower Upper
 75 100
 53 92.1 59.0 176.8
 89 35.9 22.1 66.5

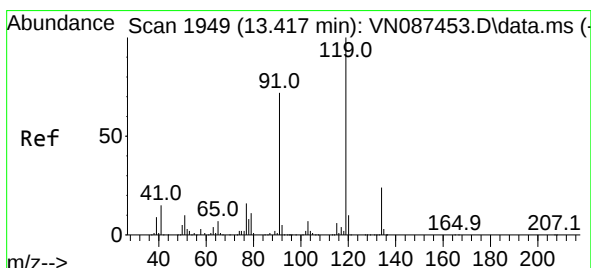
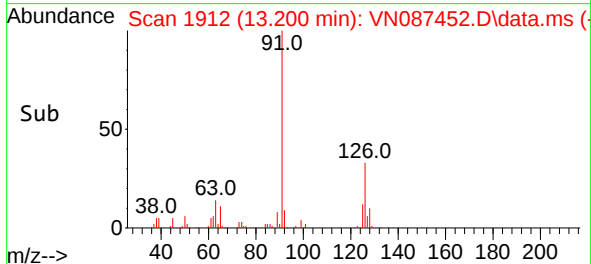
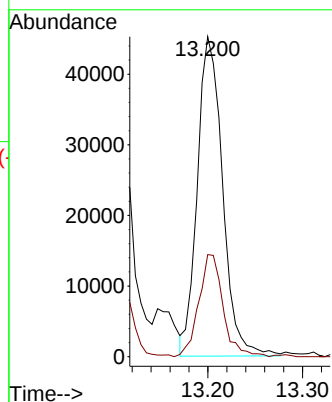
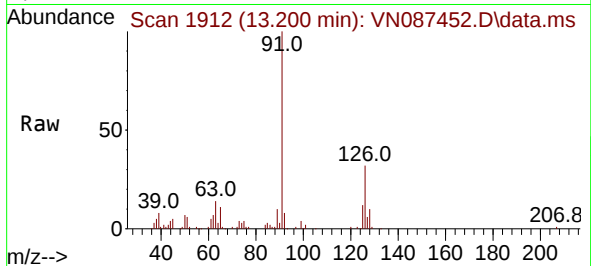




#78
4-Chlorotoluene
Concen: 5.255 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

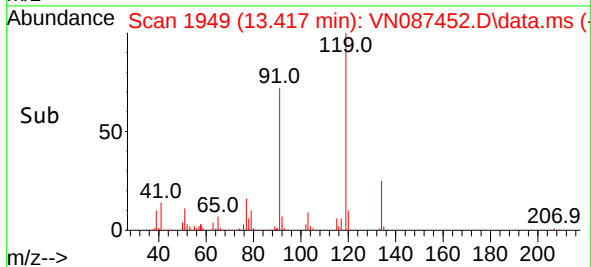
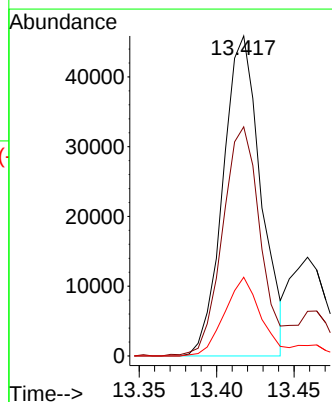
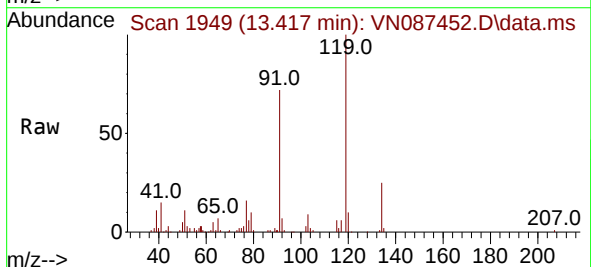
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

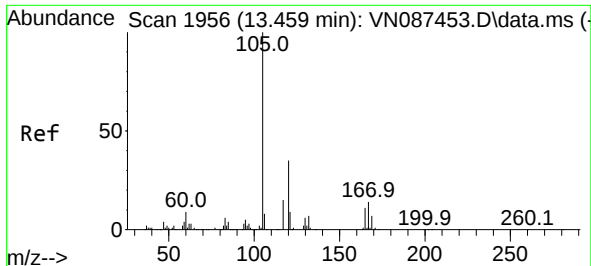
Tgt Ion: 91 Resp: 83697
Ion Ratio Lower Upper
91 100
126 30.4 0.0 63.2



#79
tert-butylbenzene
Concen: 5.277 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion: 119 Resp: 77933
Ion Ratio Lower Upper
119 100
91 71.2 0.0 141.6
134 23.7 0.0 45.6

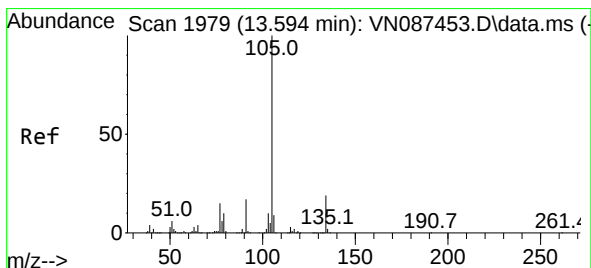
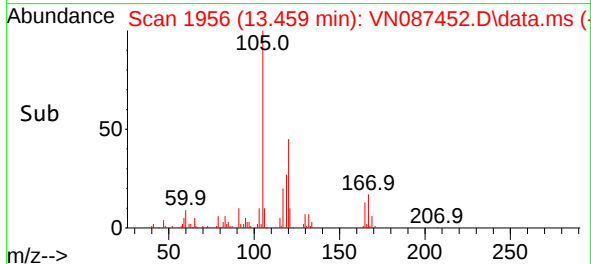
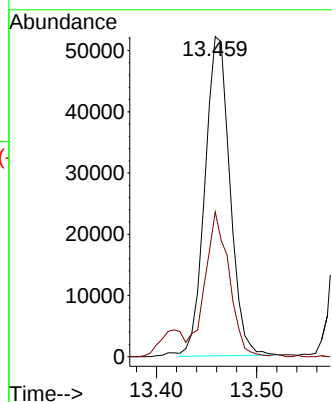
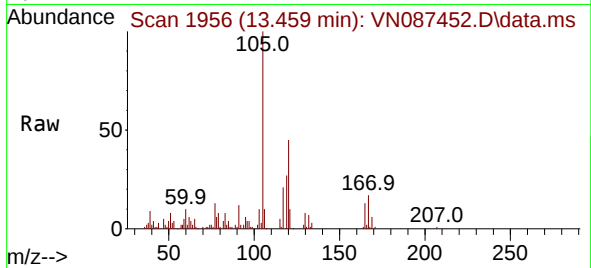




#80
1,2,4-Trimethylbenzene
Concen: 5.159 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

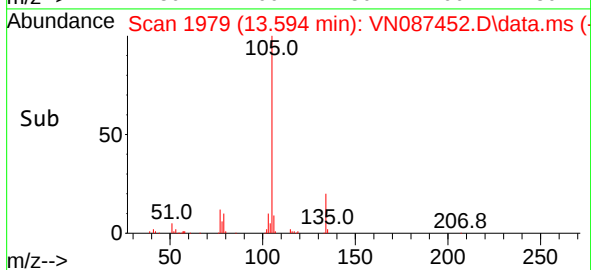
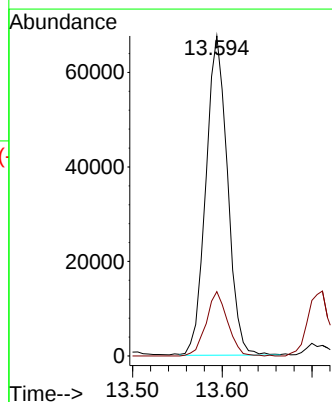
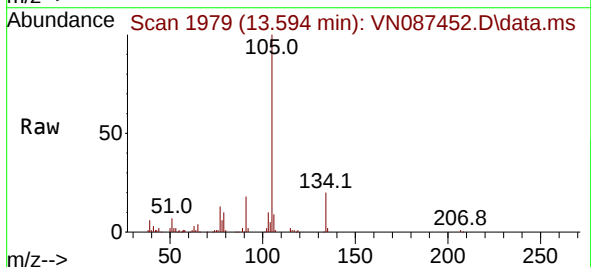
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

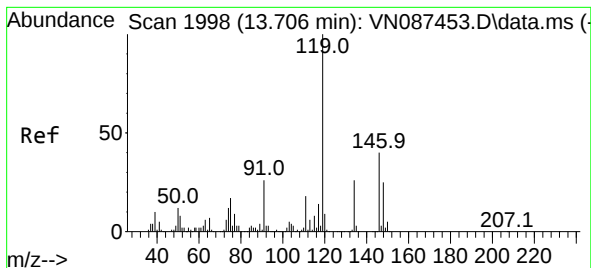
Tgt Ion:105 Resp: 90309
Ion Ratio Lower Upper
105 100
120 43.9 0.0 87.2



#81
sec-Butylbenzene
Concen: 5.259 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion:105 Resp: 113073
Ion Ratio Lower Upper
105 100
134 19.9 0.0 37.6





#82

p-Isopropyltoluene

Concen: 5.329 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

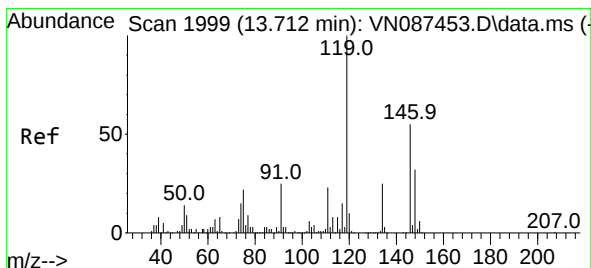
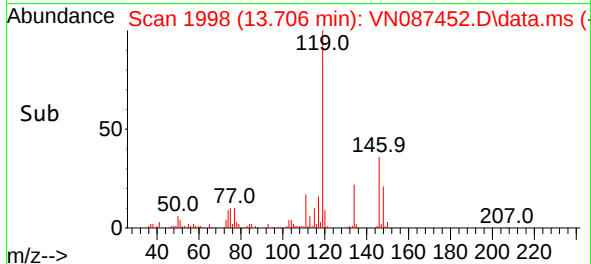
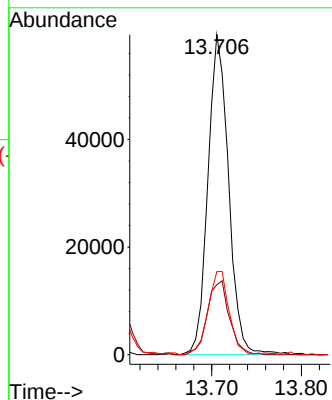
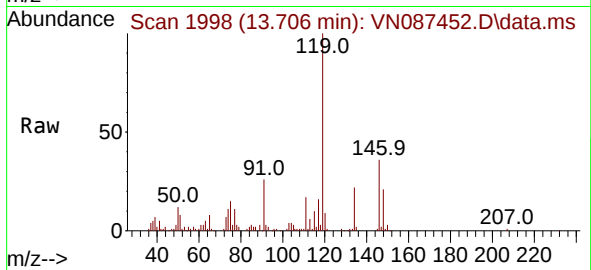
Tgt Ion:119 Resp: 95127

Ion Ratio Lower Upper

119 100

134 24.7 0.0 51.4

91 26.4 0.0 52.0



#83

1,3-Dichlorobenzene

Concen: 5.226 ug/l

RT: 13.717 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

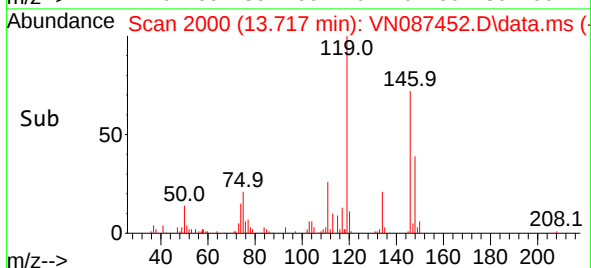
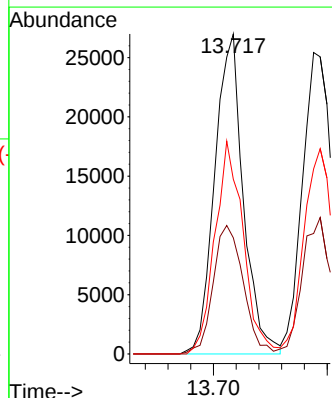
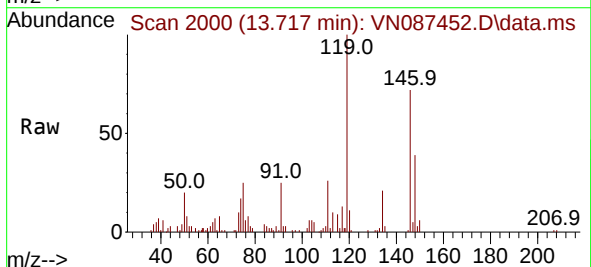
Tgt Ion:146 Resp: 47197

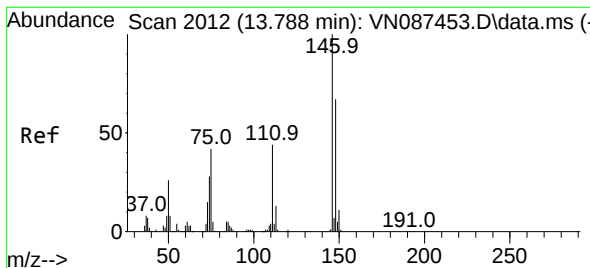
Ion Ratio Lower Upper

146 100

111 42.2 21.9 65.5

148 66.0 31.3 93.9





#84

1,4-Dichlorobenzene

Concen: 5.216 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

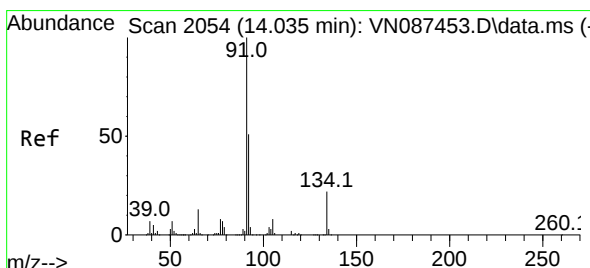
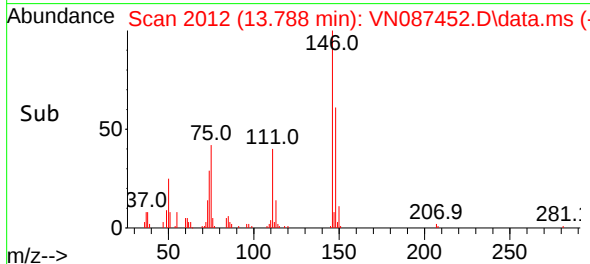
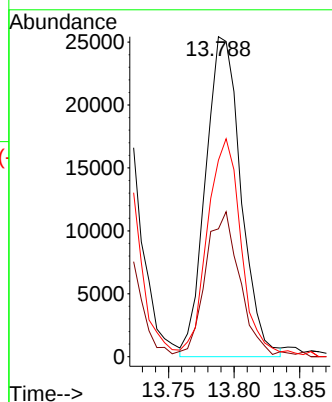
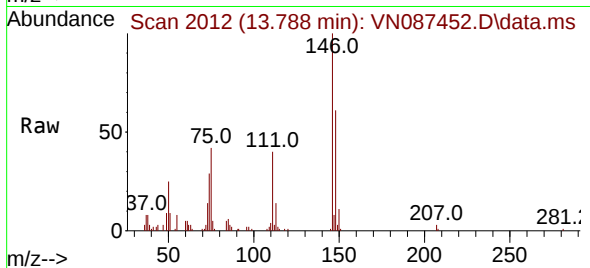
Tgt Ion:146 Resp: 47756

Ion Ratio Lower Upper

146 100

111 43.9 21.1 63.1

148 65.4 31.4 94.3



#85

n-Butylbenzene

Concen: 5.096 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

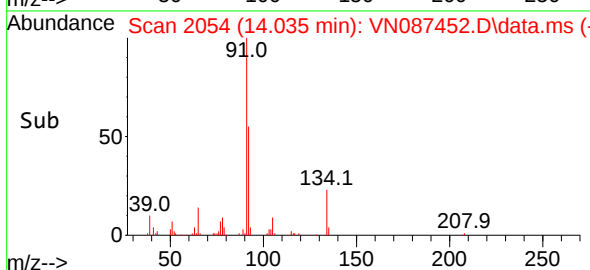
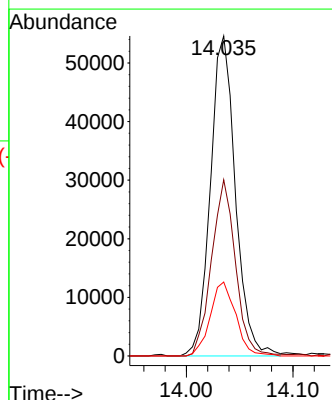
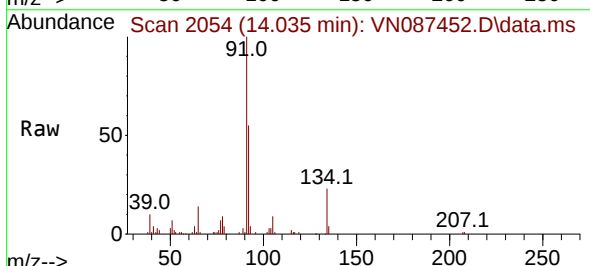
Tgt Ion: 91 Resp: 89004

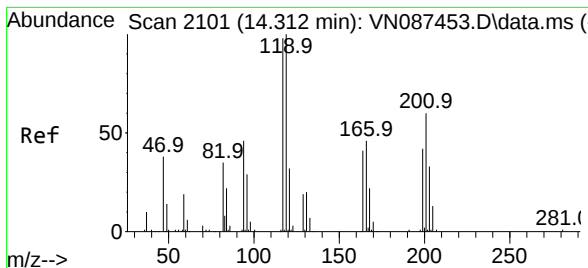
Ion Ratio Lower Upper

91 100

92 52.7 0.0 106.6

134 23.7 0.0 44.4

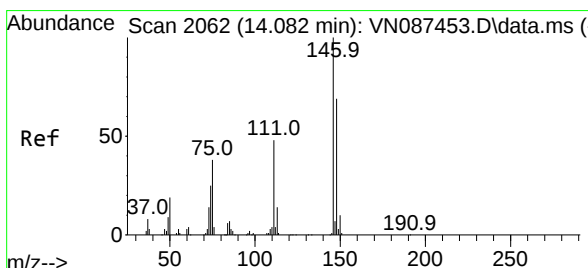
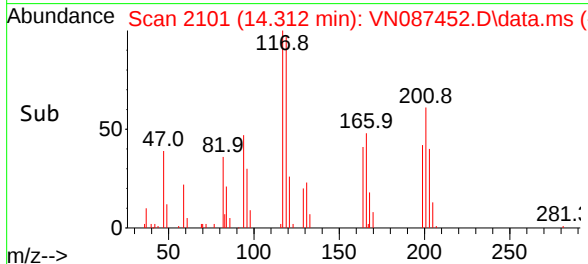
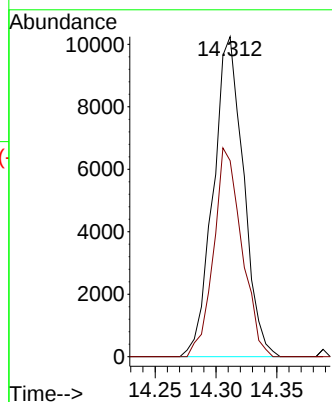
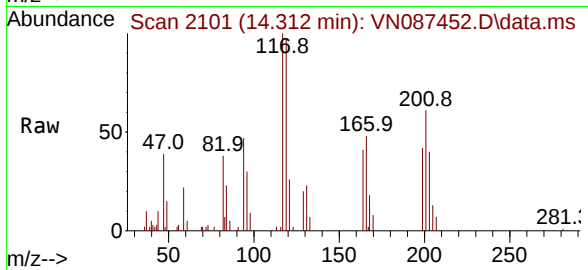




#86
Hexachloroethane
Concen: 5.072 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

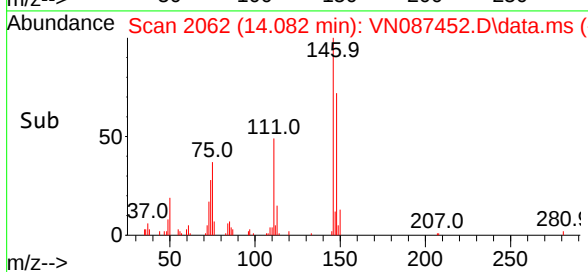
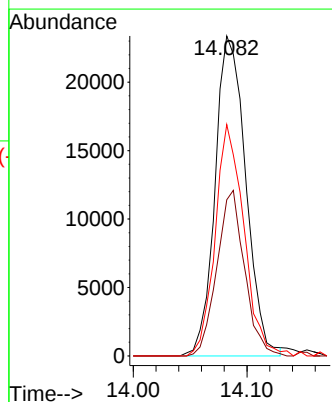
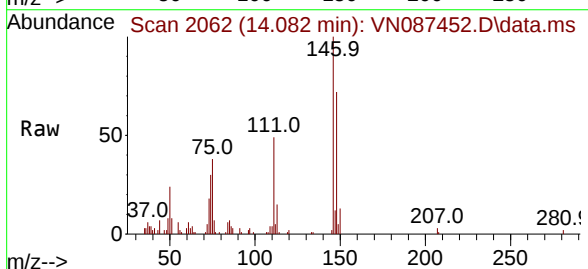
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

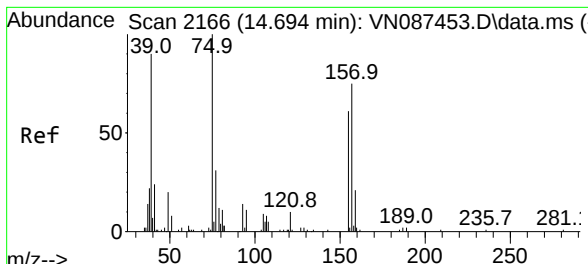
Tgt Ion:117 Resp: 17680
Ion Ratio Lower Upper
117 100
201 60.8 29.1 87.4



#87
1,2-Dichlorobenzene
Concen: 5.087 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087452.D
Acq: 05 Aug 2025 13:37

Tgt Ion:146 Resp: 43857
Ion Ratio Lower Upper
146 100
111 46.7 22.9 68.7
148 67.8 31.6 94.7

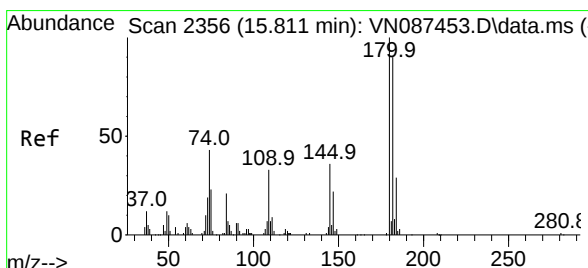
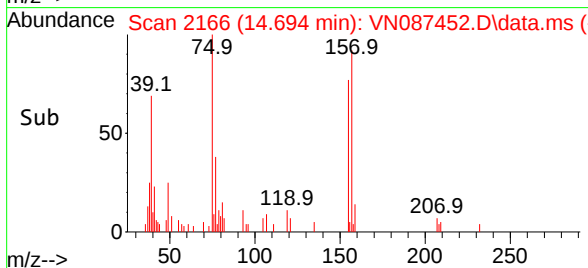
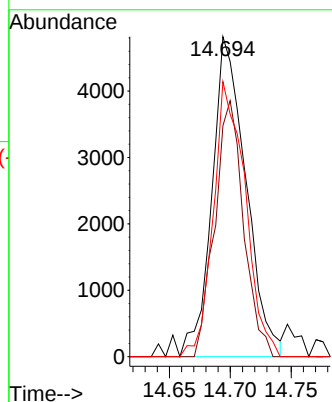
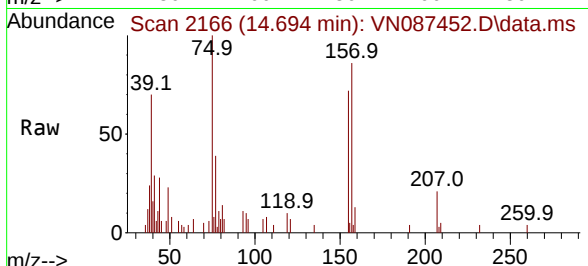




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 5.257 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VN087452.D
 Acq: 05 Aug 2025 13:37

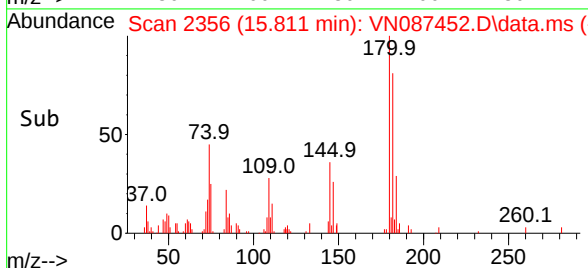
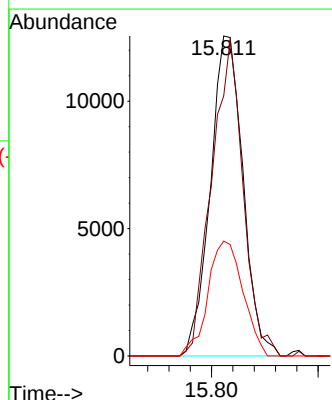
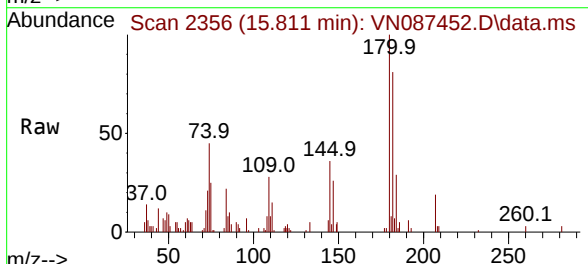
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

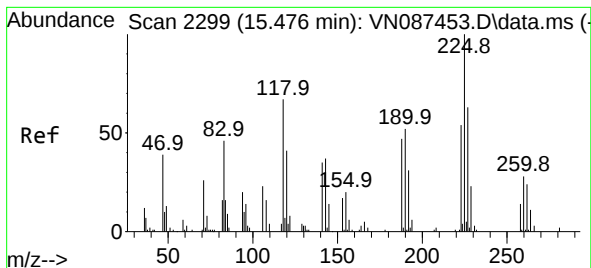
Tgt Ion:	75	Resp:	9336
Ion Ratio	Lower	Upper	
75	100		
155	68.1	55.7	83.5
157	80.9	65.8	98.6



#89
 1,2,4-Trichlorobenzene
 Concen: 5.188 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN087452.D
 Acq: 05 Aug 2025 13:37

Tgt Ion:	180	Resp:	26729
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.0	112.4
145	38.5	28.6	43.0





#90

Hexachlorobutadiene

Concen: 5.976 ug/l

RT: 15.470 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

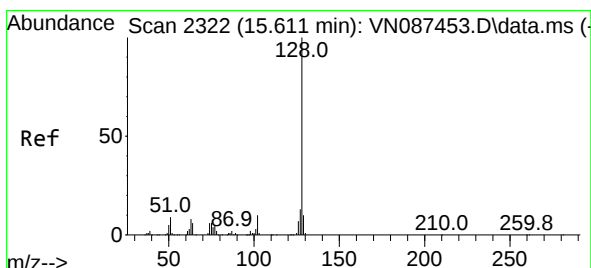
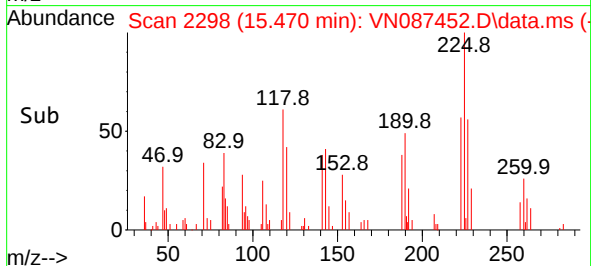
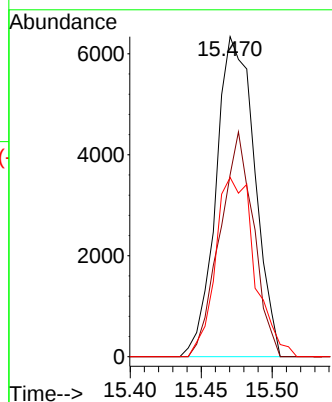
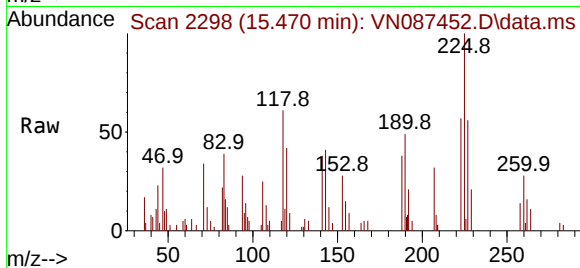
Tgt Ion:225 Resp: 11972

Ion Ratio Lower Upper

225 100

223 61.3 0.0 116.0

227 36.6 0.0 127.0



#91

Naphthalene

Concen: 4.971 ug/l

RT: 15.617 min Scan# 2323

Delta R.T. 0.006 min

Lab File: VN087452.D

Acq: 05 Aug 2025 13:37

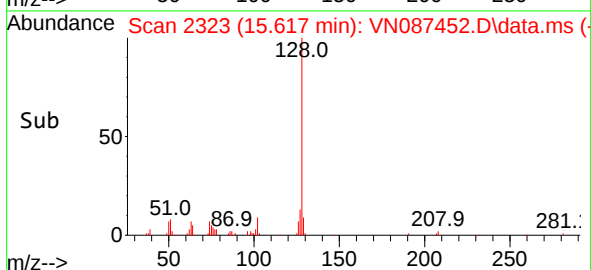
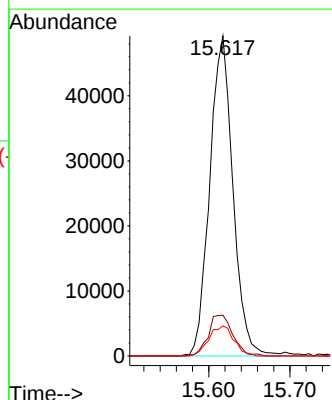
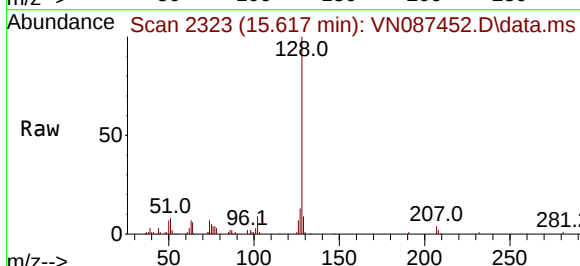
Tgt Ion:128 Resp: 97646

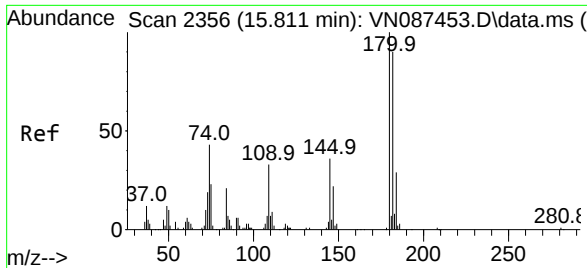
Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

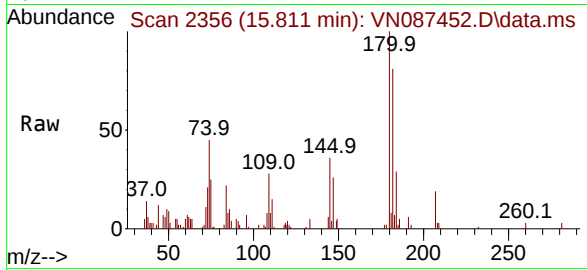
129 10.1 8.9 13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 5.188 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087452.D
 Acq: 05 Aug 2025 13:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:	180	Resp:	26729
Ion Ratio	Lower	Upper	
180	100		
182	95.0	0.0	187.4
145	38.5	0.0	71.6

