

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
 Data File : VN088274.D
 Acq On : 13 Nov 2025 10:14
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 14 00:31:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:31:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	59982	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	315158	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	280094	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	163453	33.778	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 112.600%#	
60) 4-Bromofluorobenzene	12.829	95	134269	29.108	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 97.033%	
63) Toluene-d8	10.547	98	397107	31.297	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 104.333%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	15397	4.199	ug/l	99
3) Chloromethane	2.389	50	20933	5.188	ug/l	98
4) Vinyl Chloride	2.536	62	21649	5.144	ug/l	95
5) Bromomethane	2.977	94	12485	5.542	ug/l	87
6) Chloroethane	3.136	64	13983	5.095	ug/l	93
7) Trichlorofluoromethane	3.512	101	29208	5.032	ug/l	91
8) Diethyl Ether	3.959	74	12849	5.169	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.365	101	9447	3.055	ug/l	79
10) 1,1-Dichloroethene	4.330	96	15573	4.823	ug/l	95
11) Methyl Iodide	4.583	142	12669	4.056	ug/l	92
12) Methyl Acetate	5.012	43	26727	5.139	ug/l	96
13) Acrolein	4.171	56	13980	17.609	ug/l	93
14) Acrylonitrile	5.706	53	60558	24.465	ug/l	99
15) Acetone	4.430	58	16946	23.407	ug/l	93
16) Carbon Disulfide	4.700	76	30785	2.986	ug/l	95
17) Allyl chloride	5.018	41	31489	5.167	ug/l	97
18) Methylene Chloride	5.265	84	21639	5.317	ug/l	93
19) trans-1,2-Dichloroethene	5.771	96	19169	5.139	ug/l #	81
20) Diisopropyl ether	6.659	45	67510	4.944	ug/l	97
21) 1,1-Dichloroethane	6.553	63	38262	5.276	ug/l	98
22) cis-1,2-Dichloroethene	7.465	96	22622	4.954	ug/l #	90
23) tert-Butyl Alcohol	5.524	59	5370	5.542	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	65238	4.803	ug/l #	82
25) Chloroform	7.953	83	38596	5.219	ug/l	93
26) Cyclohexane	8.229	56	15717	2.589	ug/l #	27
29) 1,1-Dichloropropene	8.347	75	25434	5.410	ug/l	98
30) 2-Butanone	7.471	43	87884	26.404	ug/l #	98
31) 2,2-Dichloropropane	7.459	77	13988	2.341	ug/l #	91
32) 1,1,1-Trichloroethane	8.147	97	32744	5.623	ug/l	98
33) Carbon Tetrachloride	8.341	117	27520	5.603	ug/l	85
34) Benzene	8.588	78	81926	5.397	ug/l #	93
35) Methacrylonitrile	7.759	41	18631	5.343	ug/l	93
36) 1,2-Dichloroethane	8.653	62	30747	5.714	ug/l	97
37) Trichloroethene	9.335	130	18362	5.154	ug/l	84
38) Methylcyclohexane	9.582	83	26740	4.668	ug/l	98
39) 1,2-Dichloropropane	9.600	63	21746	5.698	ug/l	99
40) Dibromomethane	9.688	93	15320	5.523	ug/l	99
41) Bromodichloromethane	9.865	83	29744	5.289	ug/l #	94
42) Vinyl Acetate	6.588	43	276230	24.145	ug/l	100

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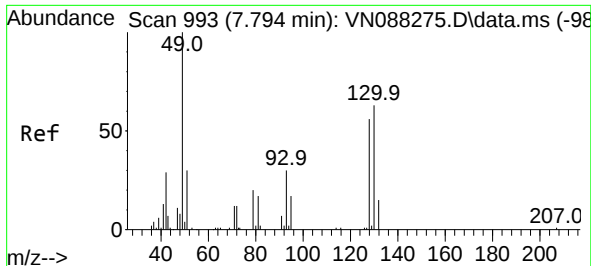
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:31:19 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	35436	5.467	ug/l #	81
44) Isopropyl Acetate	8.671	43	51550	4.931	ug/l	96
45) 1,4-Dioxane	9.682	88	6293	92.862	ug/l #	93
46) Methyl methacrylate	9.665	41	22745	4.800	ug/l	93
48) t-1,3-Dichloropropene	10.818	75	30392	4.911	ug/l	99
49) cis-1,3-Dichloropropene	10.294	75	31815	4.902	ug/l	99
50) 1,1,2-Trichloroethane	10.994	97	19062	5.278	ug/l	95
51) Ethyl methacrylate	10.859	69	22623	3.729	ug/l	97
52) 1,3-Dichloropropane	11.141	76	33732	5.305	ug/l	97
53) Dibromochloromethane	11.341	129	20062	4.685	ug/l	99
54) 1,2-Dibromoethane	11.447	107	19322	5.037	ug/l	90
55) 2-Chloroethyl vinyl ether	10.135	63	84863	25.902	ug/l	98
56) Bromoform	12.559	173	12003	4.198	ug/l #	99
58) 4-Methyl-2-Pentanone	10.429	43	152747	24.280	ug/l	100
59) 2-Hexanone	11.182	43	86444	20.905	ug/l	91
61) Tetrachloroethene	11.082	164	14222	4.941	ug/l	97
62) Toluene	10.612	91	80108	4.996	ug/l	99
64) Chlorobenzene	11.870	112	51274	5.070	ug/l	91
65) 1,1,1,2-Tetrachloroethane	11.941	131	17465	5.028	ug/l	100
66) Ethyl Benzene	11.941	91	82280	4.718	ug/l	90
67) m/p-Xylenes	12.053	106	61616	9.227	ug/l	96
68) o-Xylene	12.376	106	28878	4.411	ug/l	96
69) Styrene	12.394	104	47137	4.312	ug/l	97
70) Isopropylbenzene	12.670	105	74065	4.517	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.917	83	26814	4.879	ug/l	99
72) 1,2,3-Trichloropropane	12.976	75	30293	5.939	ug/l	71
73) Bromobenzene	12.959	156	18184	4.642	ug/l	98
74) n-propylbenzene	13.011	91	93306	4.685	ug/l	99
75) 2-Chlorotoluene	13.106	91	60165	4.967	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	61542	4.437	ug/l	99
77) t-1,4-Dichloro-2-butene	12.717	75	5928	2.955	ug/l	84
78) 4-Chlorotoluene	13.206	91	57871	4.703	ug/l	98
79) tert-butylbenzene	13.417	119	54661	4.578	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	59703	4.320	ug/l	99
81) sec-Butylbenzene	13.594	105	77820	4.567	ug/l	98
82) p-Isopropyltoluene	13.706	119	61858	4.288	ug/l	98
83) 1,3-Dichlorobenzene	13.717	146	33873	4.543	ug/l	96
84) 1,4-Dichlorobenzene	13.794	146	35917	4.716	ug/l	95
85) n-Butylbenzene	14.035	91	56470	4.165	ug/l	97
86) Hexachloroethane	14.311	117	13194	4.616	ug/l	98
87) 1,2-Dichlorobenzene	14.094	146	33084	4.551	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	6096	4.899	ug/l	99
89) 1,2,4-Trichlorobenzene	15.817	180	18113	4.257	ug/l	98
90) Hexachlorobutadiene	15.470	225	7223	4.707	ug/l	96
91) Naphthalene	15.617	128	61691	3.973	ug/l	98
92) 1,2,3-Trichlorobenzene	15.817	180	18113	4.257	ug/l	98

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

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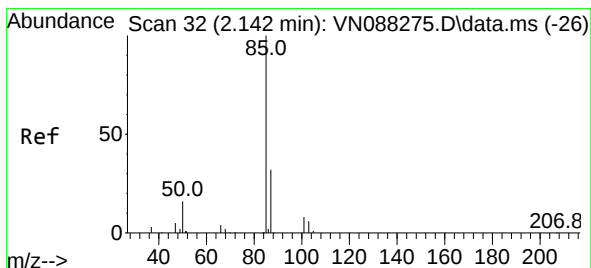
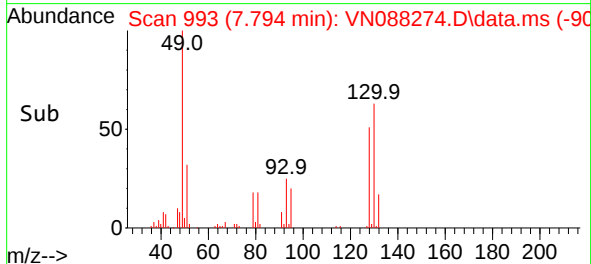
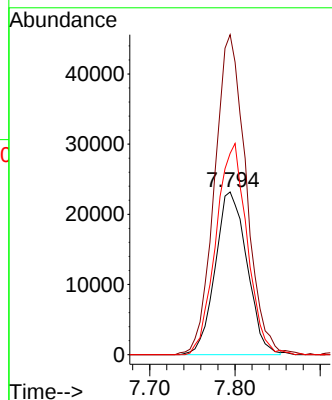
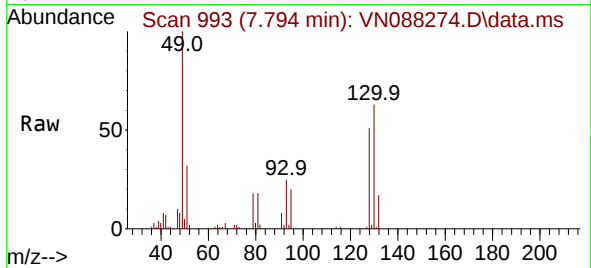




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

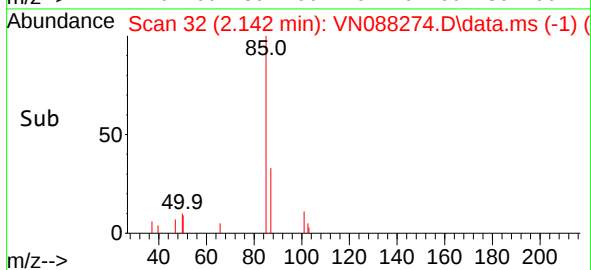
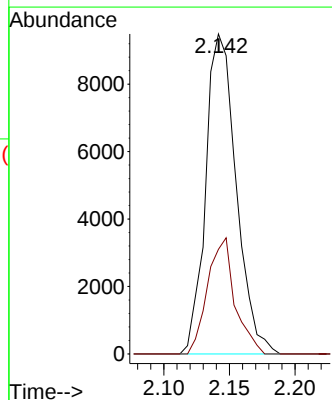
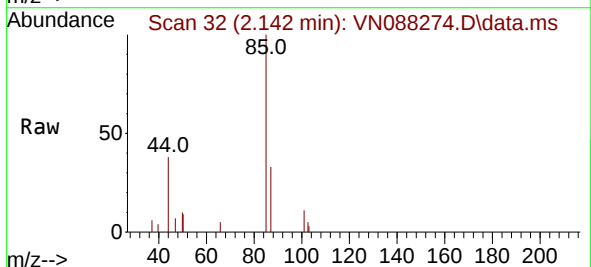
Instrument :
MSVOA_N
ClientSampleId :
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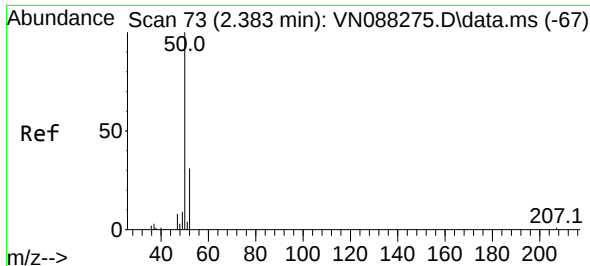
Tgt Ion:128 Resp: 59982
Ion Ratio Lower Upper
128 100
49 194.7 0.0 501.2
130 127.0 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 4.199 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 85 Resp: 15397
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0

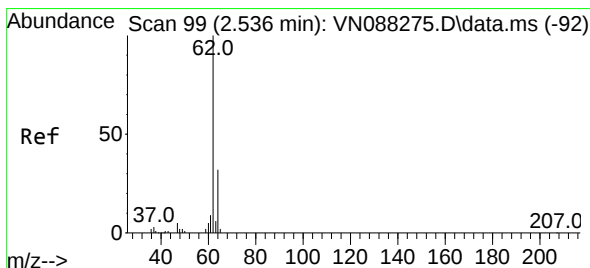
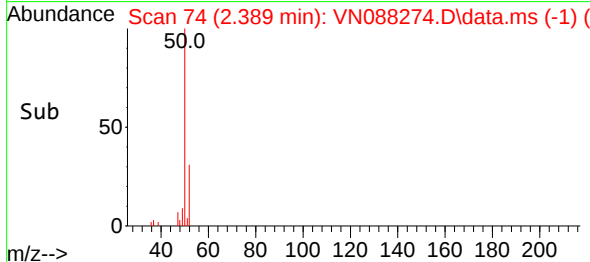
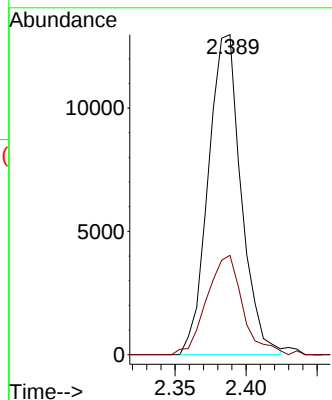
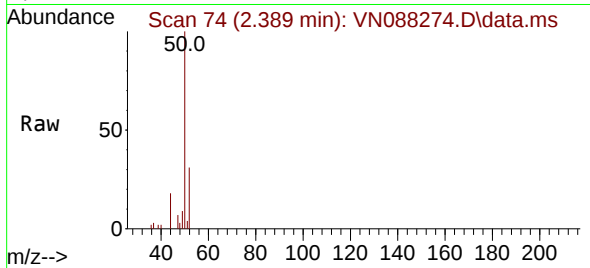




#3
Chloromethane
Concen: 5.188 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

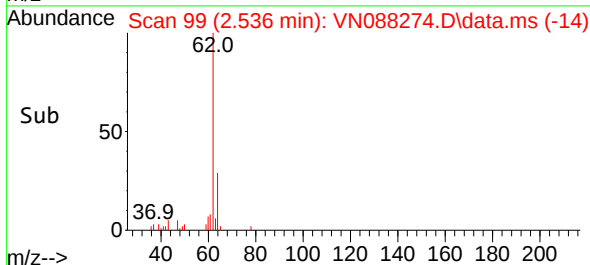
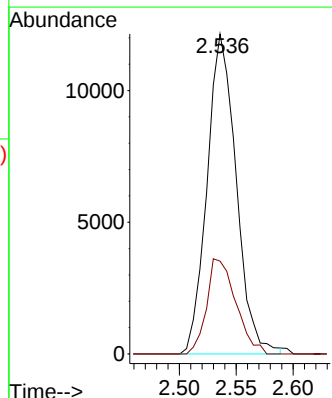
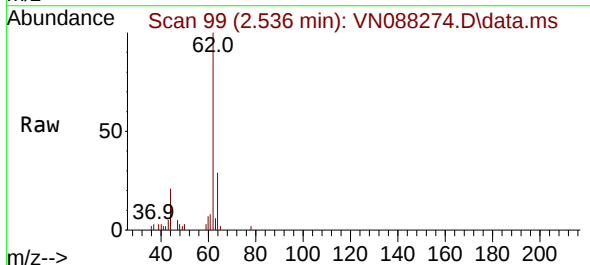
Instrument :
MSVOA_N
ClientSampleId :
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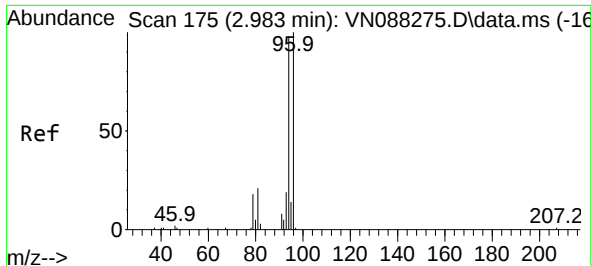
Tgt Ion: 50 Resp: 20933
Ion Ratio Lower Upper
50 100
52 29.8 24.6 36.8



#4
Vinyl Chloride
Concen: 5.144 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 62 Resp: 21649
Ion Ratio Lower Upper
62 100
64 29.0 25.4 38.2

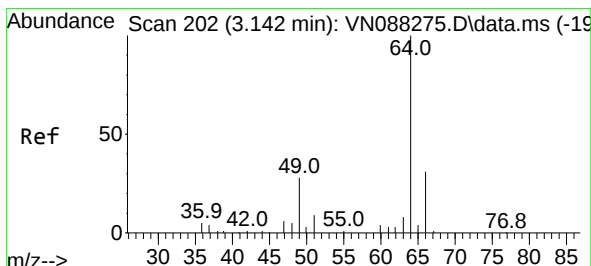
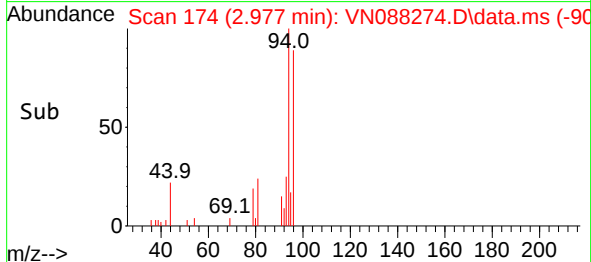
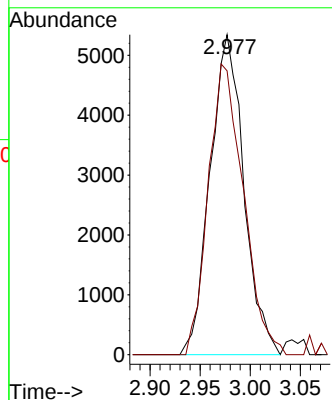
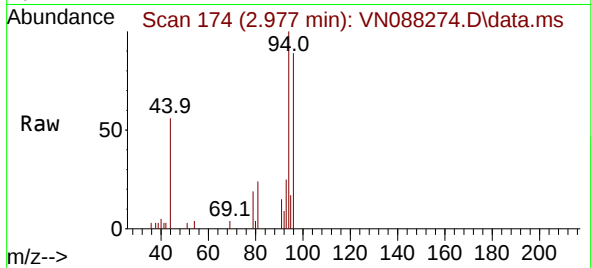




#5
Bromomethane
Concen: 5.542 ug/l
RT: 2.977 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

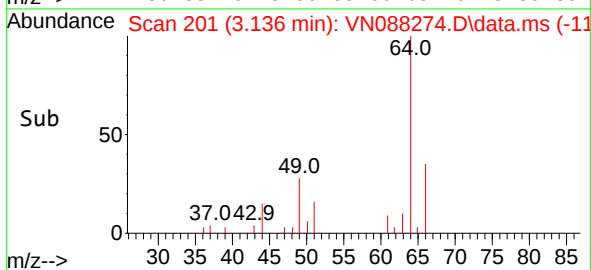
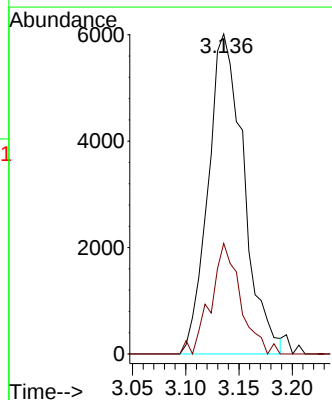
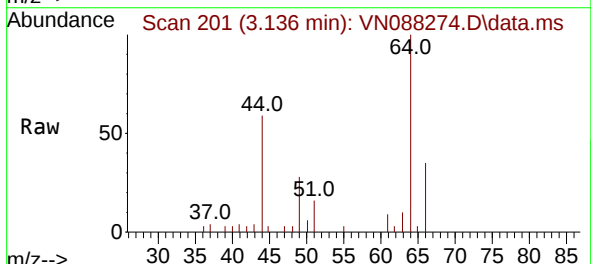
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MSVOA_N
ClientSampleId :
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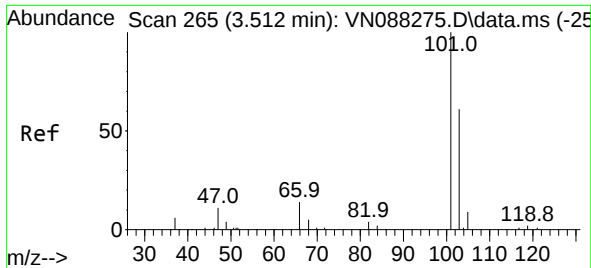
Tgt Ion: 94 Resp: 12485
Ion Ratio Lower Upper
94 100
96 88.7 81.3 121.9



#6
Chloroethane
Concen: 5.095 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 64 Resp: 13983
Ion Ratio Lower Upper
64 100
66 34.6 24.7 37.1

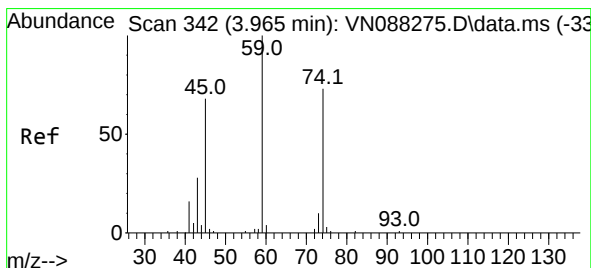
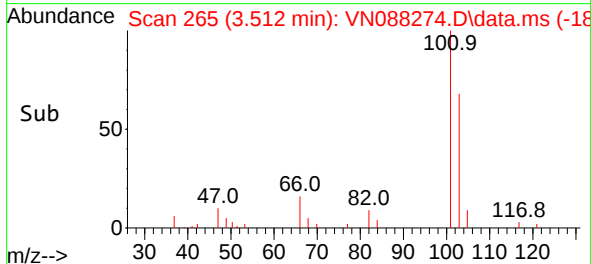
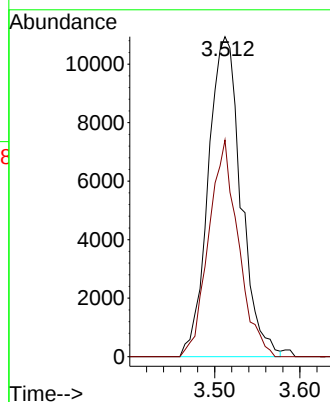
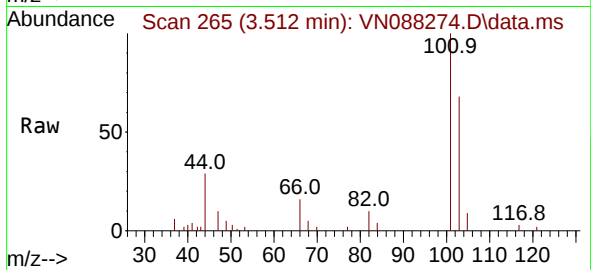




#7
 Trichlorofluoromethane
 Concen: 5.032 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. -0.000 min
 Lab File: VN088274.D
 Acq: 13 Nov 2025 10:14

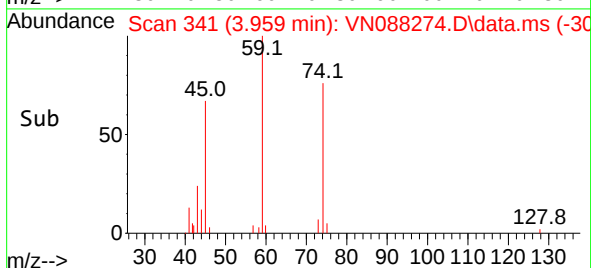
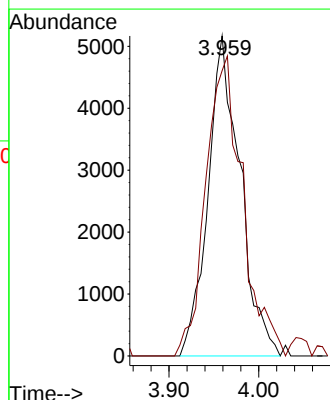
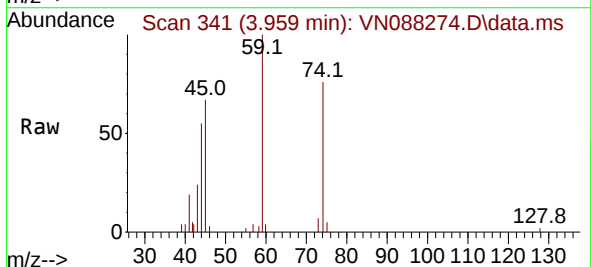
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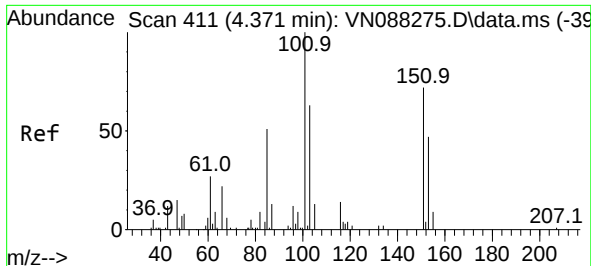
Tgt Ion:101 Resp: 29208
 Ion Ratio Lower Upper
 101 100
 103 67.7 48.6 73.0



#8
 Diethyl Ether
 Concen: 5.169 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN088274.D
 Acq: 13 Nov 2025 10:14

Tgt Ion: 74 Resp: 12849
 Ion Ratio Lower Upper
 74 100
 45 84.9 20.9 187.7

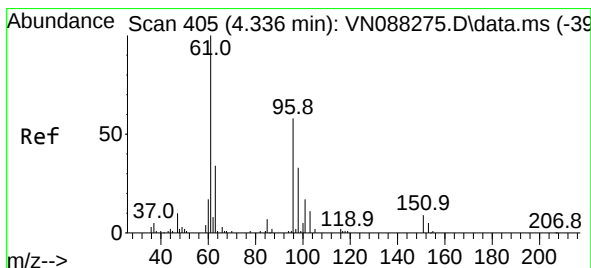
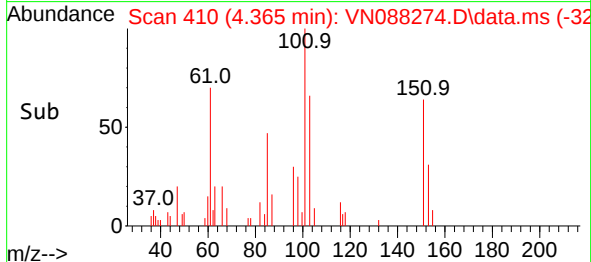
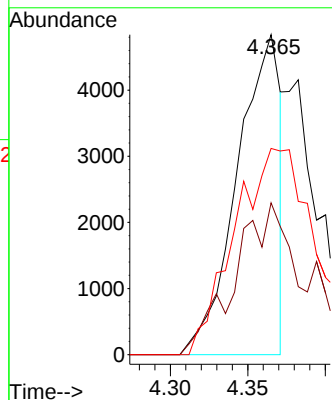
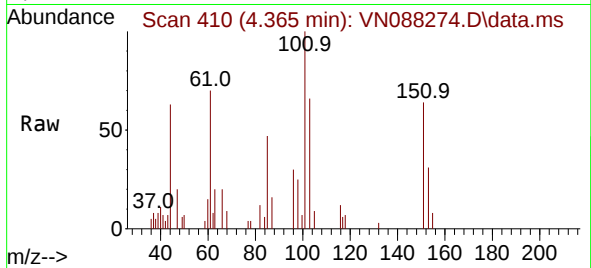




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.055 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

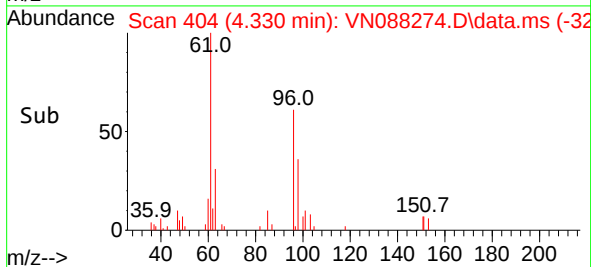
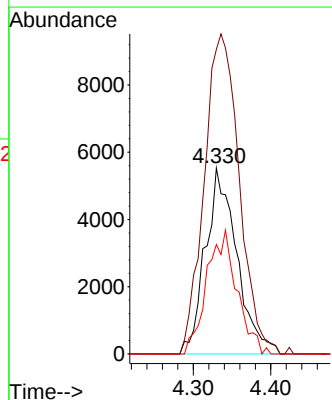
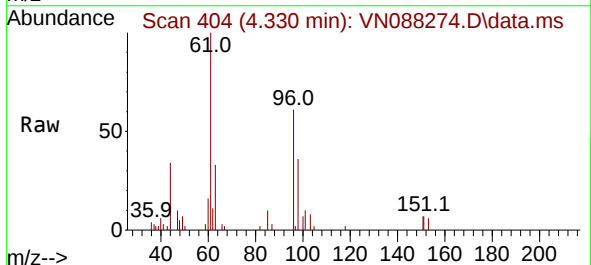
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

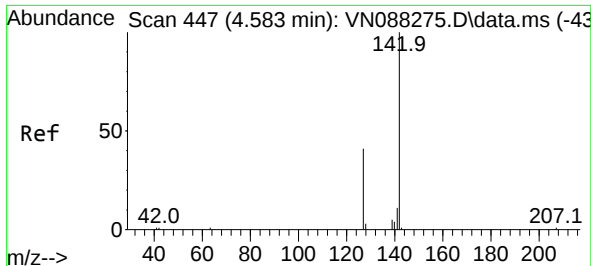
Tgt Ion:101 Resp: 9447
Ion Ratio Lower Upper
101 100
85 29.3 0.0 100.8
151 80.5 0.0 138.4



#10
1,1-Dichloroethene
Concen: 4.823 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 96 Resp: 15573
Ion Ratio Lower Upper
96 100
61 163.7 137.8 206.8
98 58.8 45.6 68.4

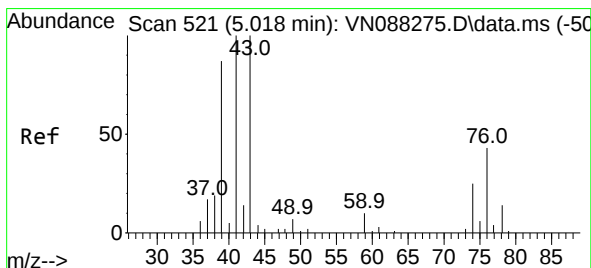
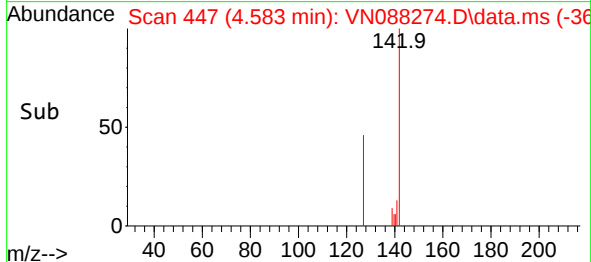
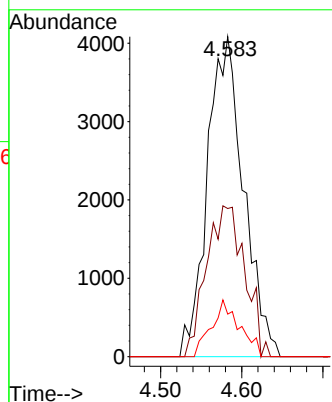
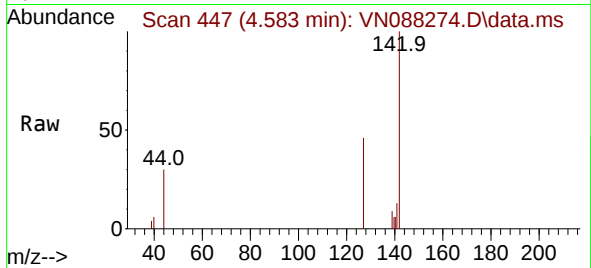




#11
Methyl Iodide
Concen: 4.056 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

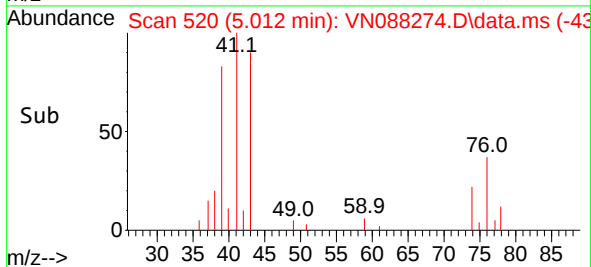
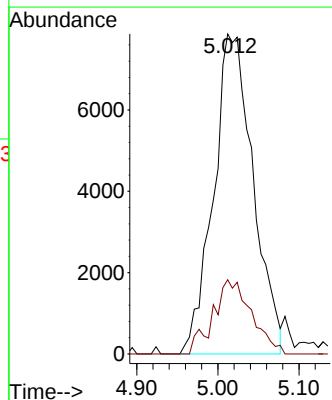
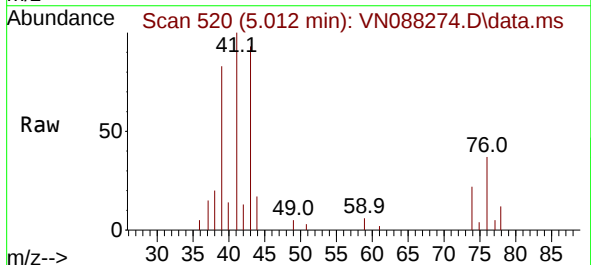
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

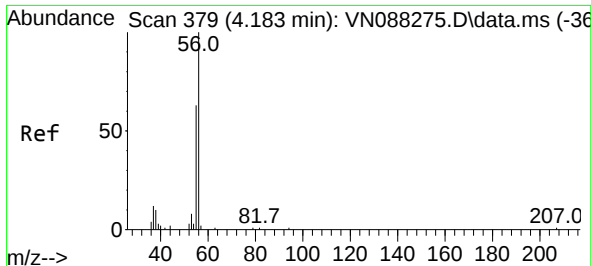
Tgt Ion:142 Resp: 12669
Ion Ratio Lower Upper
142 100
127 46.3 20.4 61.2
141 13.3 5.6 16.8



#12
Methyl Acetate
Concen: 5.139 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 43 Resp: 26727
Ion Ratio Lower Upper
43 100
74 22.7 19.8 29.8

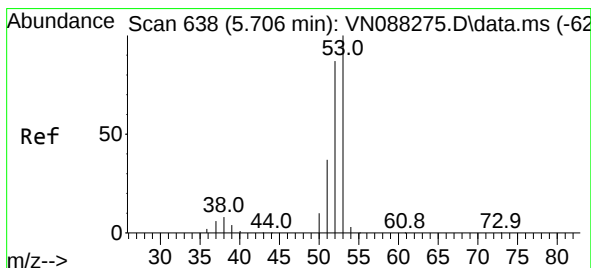
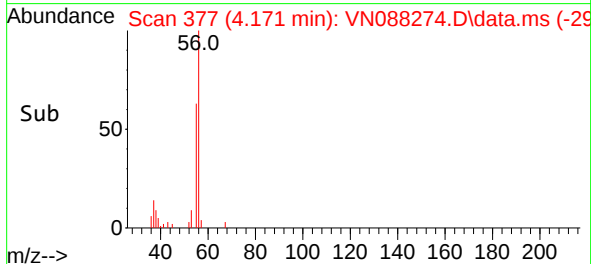
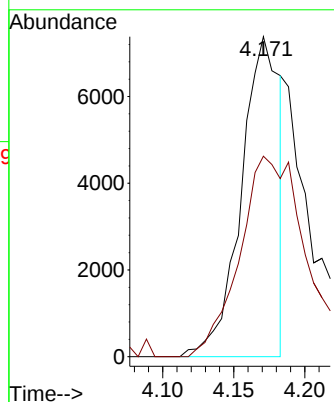
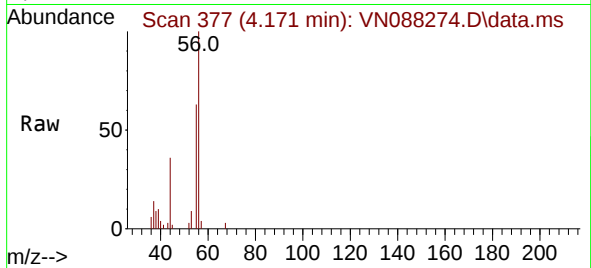




#13
Acrolein
Concen: 17.609 ug/l
RT: 4.171 min Scan# 379
Delta R.T. -0.012 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

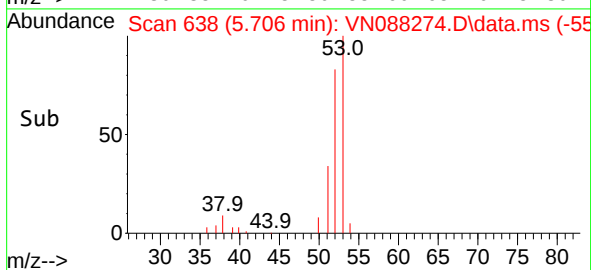
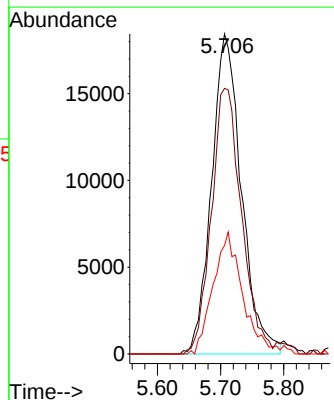
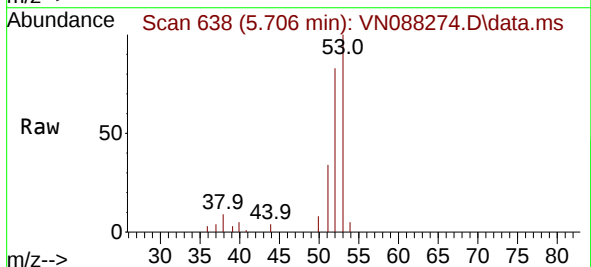
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

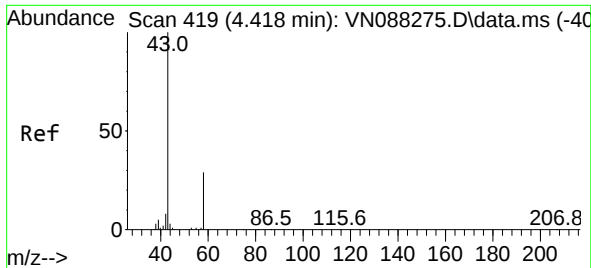
Tgt Ion: 56 Resp: 13980
Ion Ratio Lower Upper
56 100
55 66.7 57.9 86.9



#14
Acrylonitrile
Concen: 24.465 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 53 Resp: 60558
Ion Ratio Lower Upper
53 100
52 83.6 42.3 126.9
51 36.8 18.4 55.2





#15

Acetone

Concen: 23.407 ug/l

RT: 4.430 min Scan# 419

Delta R.T. 0.012 min

Lab File: VN088274.D

Acq: 13 Nov 2025 10:14

Instrument :

MSVOA_N

ClientSampleId :

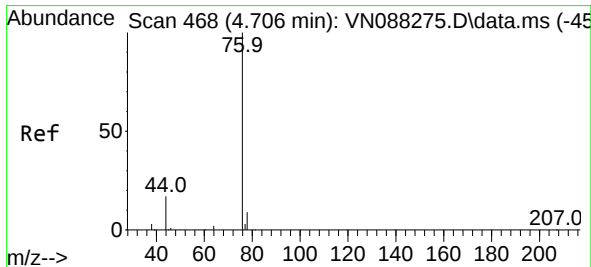
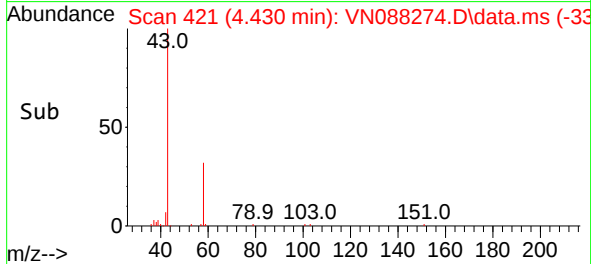
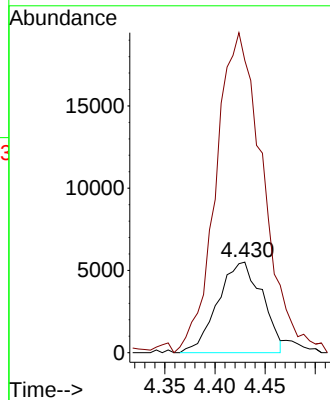
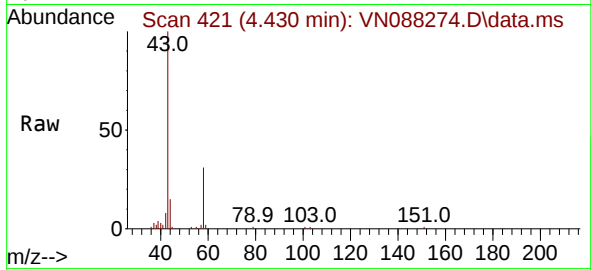
VSTDICC005

Tgt Ion: 58 Resp: 16946

Ion Ratio Lower Upper

58 100

43 327.8 273.9 410.9



#16

Carbon Disulfide

Concen: 2.986 ug/l

RT: 4.700 min Scan# 467

Delta R.T. -0.006 min

Lab File: VN088274.D

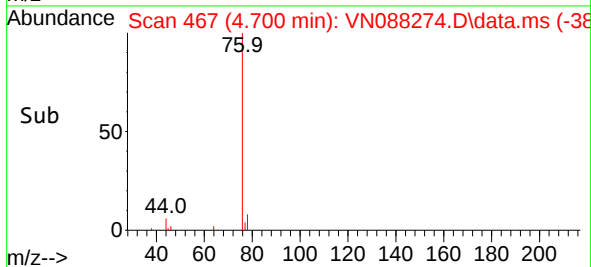
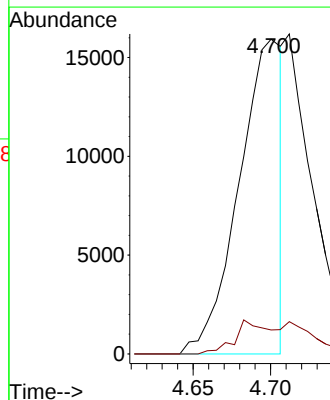
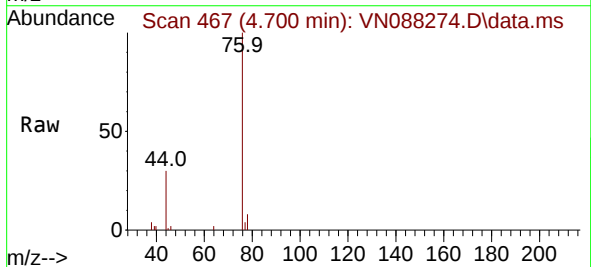
Acq: 13 Nov 2025 10:14

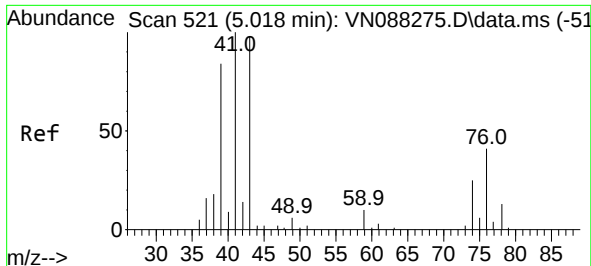
Tgt Ion: 76 Resp: 30785

Ion Ratio Lower Upper

76 100

78 7.6 7.5 11.3

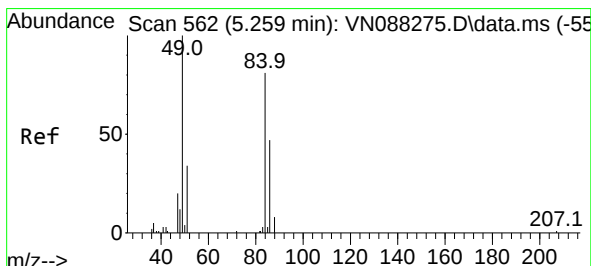
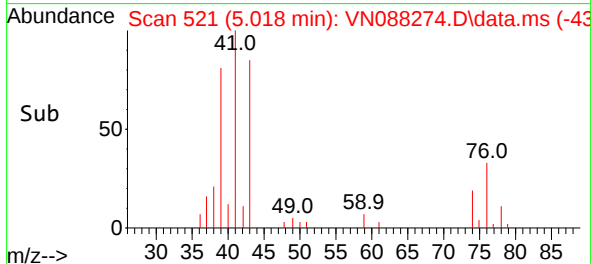
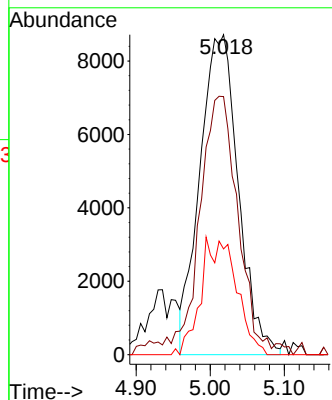
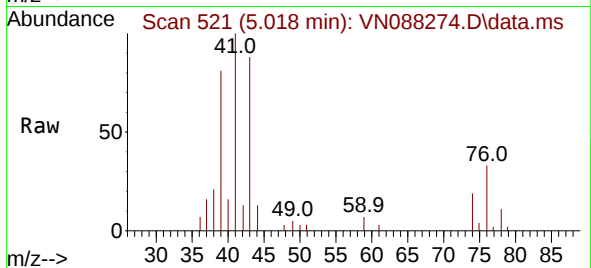




#17
 Allyl chloride
 Concen: 5.167 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN088274.D
 Acq: 13 Nov 2025 10:14

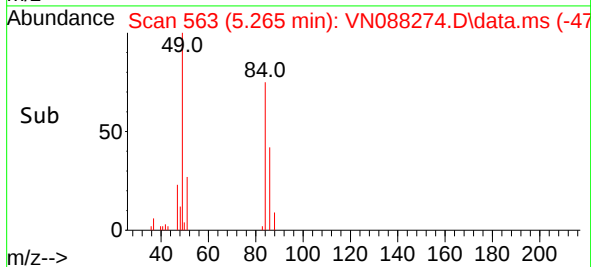
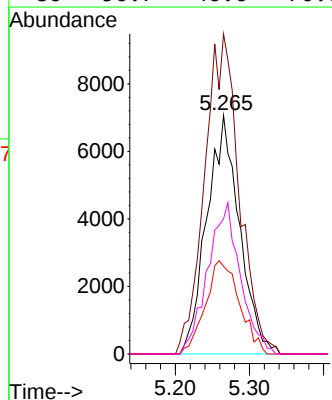
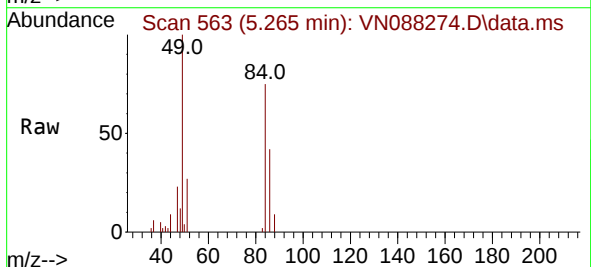
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

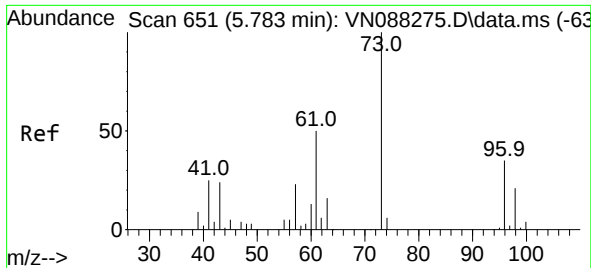
Tgt Ion:	41	Resp:	31489
Ion	Ratio	Lower	Upper
41	100		
39	78.7	38.3	114.9
76	33.7	18.5	55.5



#18
 Methylene Chloride
 Concen: 5.317 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: VN088274.D
 Acq: 13 Nov 2025 10:14

Tgt Ion:	84	Resp:	21639
Ion	Ratio	Lower	Upper
84	100		
49	134.1	98.7	148.1
51	36.7	33.7	50.5
86	56.7	46.6	70.0

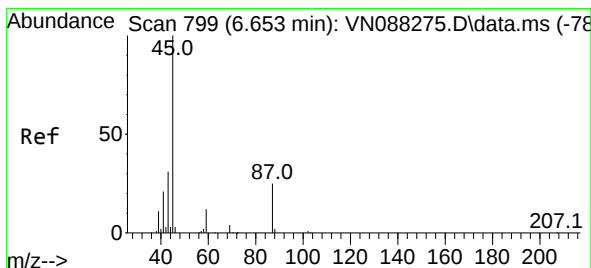
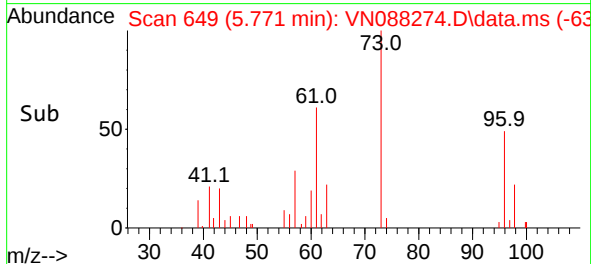
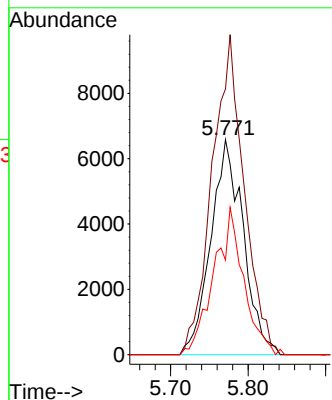
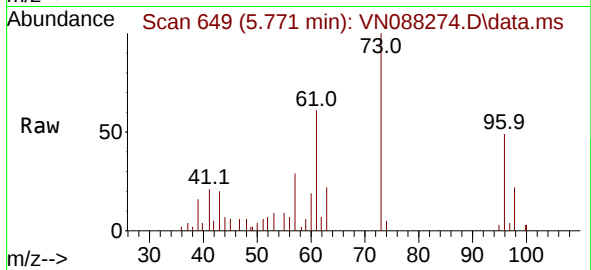




#19
trans-1,2-Dichloroethene
Concen: 5.139 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.012 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

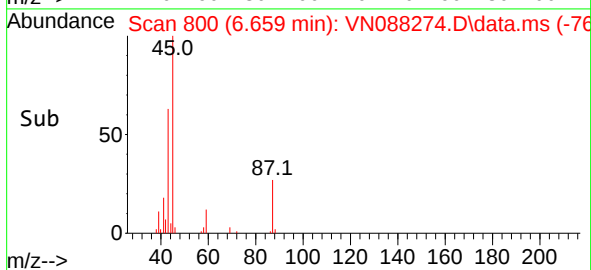
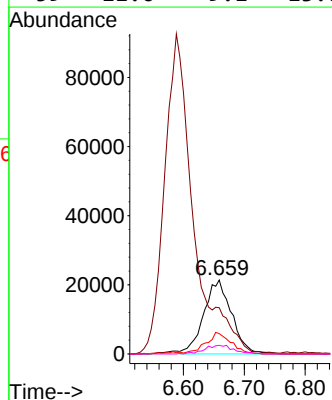
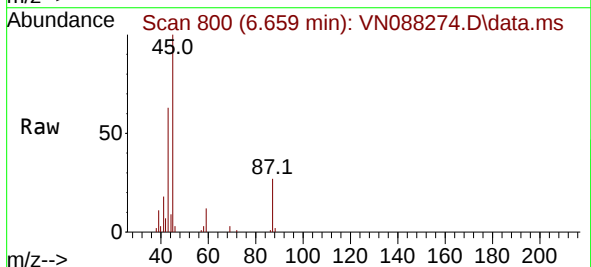
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

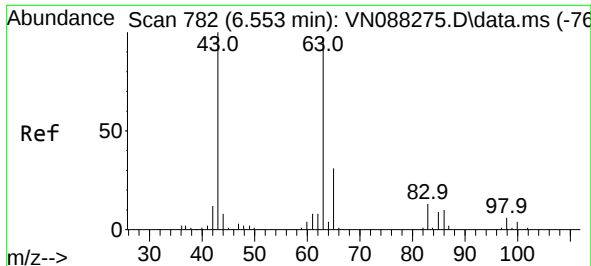
Tgt Ion: 96 Resp: 19169
Ion Ratio Lower Upper
96 100
61 123.6 117.0 175.4
98 44.0 48.6 72.8#



#20
Diisopropyl ether
Concen: 4.944 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 45 Resp: 67510
Ion Ratio Lower Upper
45 100
43 61.5 51.9 77.9
87 27.4 21.1 31.7
59 11.6 9.1 13.7

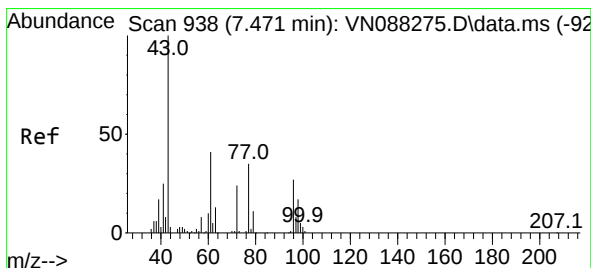
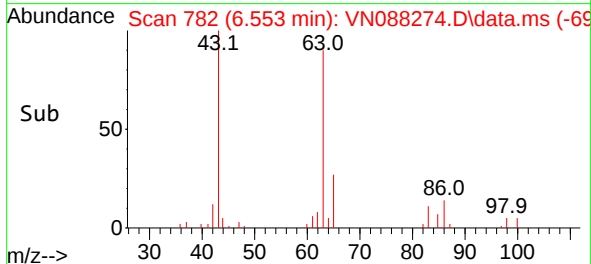
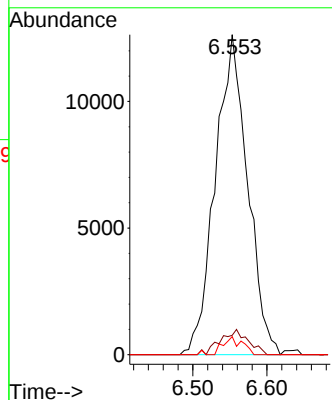
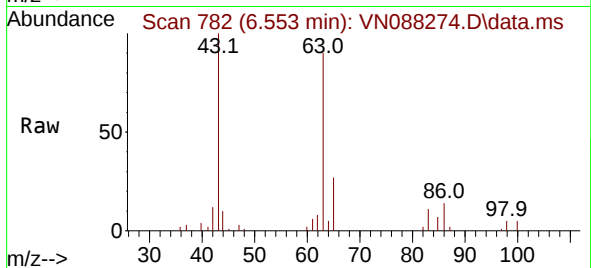




#21
1,1-Dichloroethane
Concen: 5.276 ug/l
RT: 6.553 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

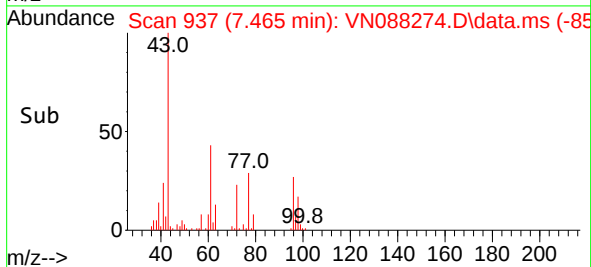
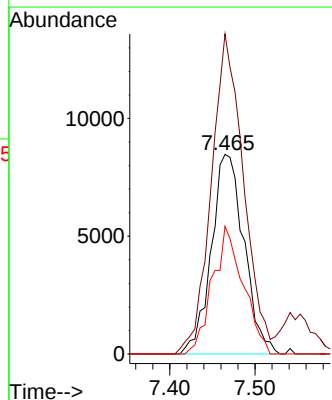
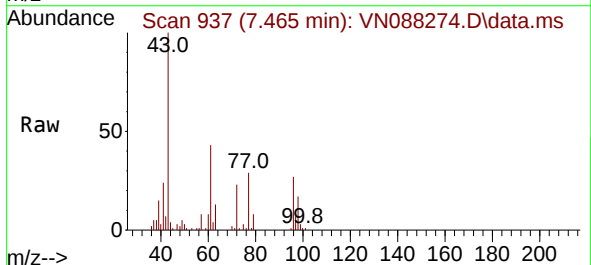
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

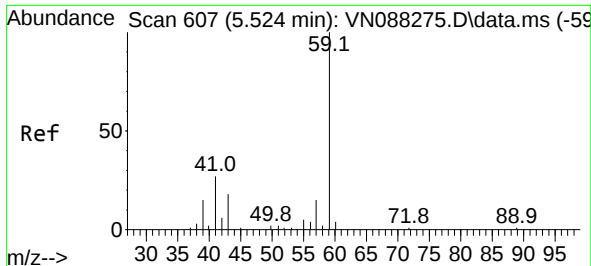
Tgt Ion: 63 Resp: 38262
Ion Ratio Lower Upper
63 100
98 6.0 3.0 9.0
100 5.7 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 4.954 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 96 Resp: 22622
Ion Ratio Lower Upper
96 100
61 158.0 131.2 196.8
98 45.0 51.0 76.4#

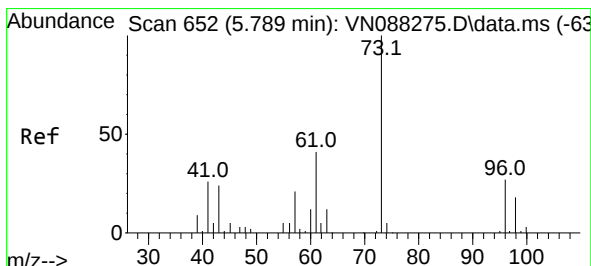
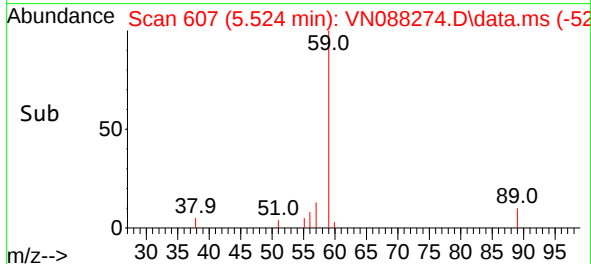
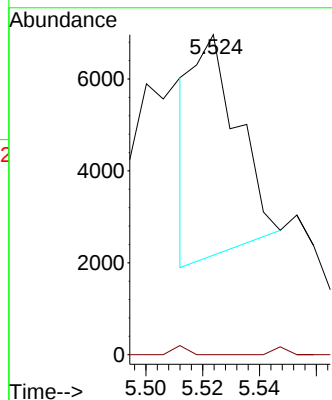
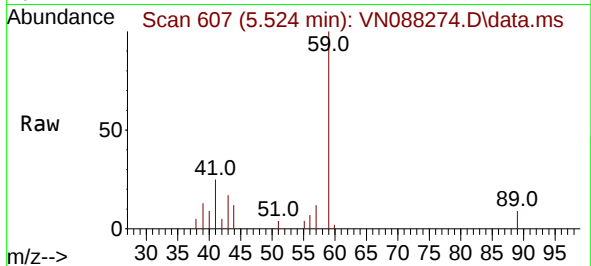




#23
tert-Butyl Alcohol
Concen: 5.542 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

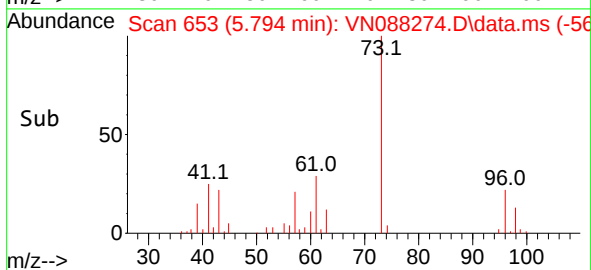
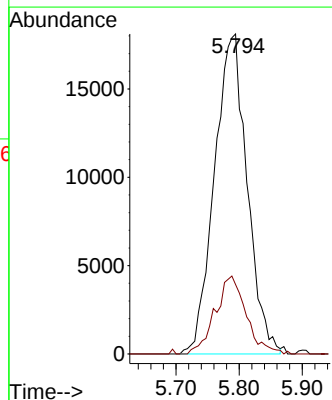
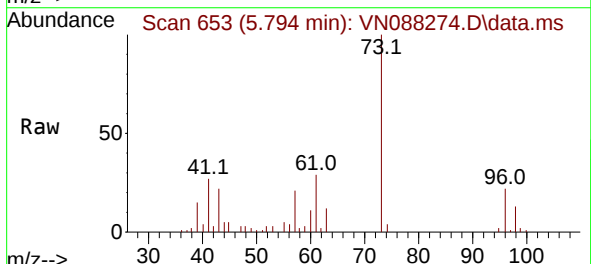
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

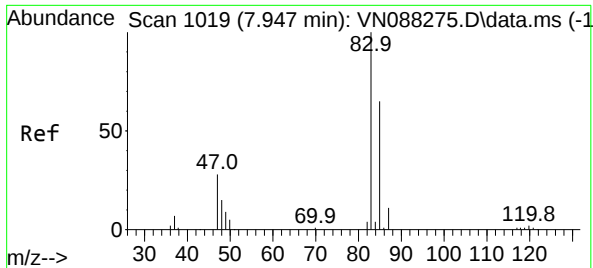
Tgt Ion: 59 Resp: 5370
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 4.803 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 73 Resp: 65238
Ion Ratio Lower Upper
73 100
43 14.4 18.5 27.7#





#25

Chloroform

Concen: 5.219 ug/l

RT: 7.953 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VN088274.D

Acq: 13 Nov 2025 10:14

Instrument :

MSVOA_N

ClientSampleId :

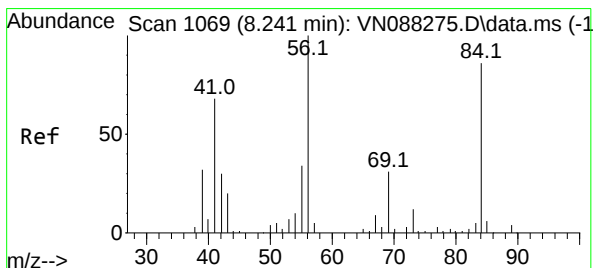
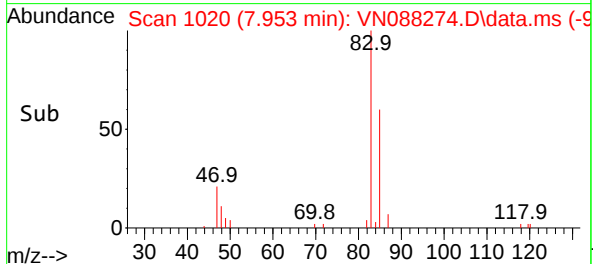
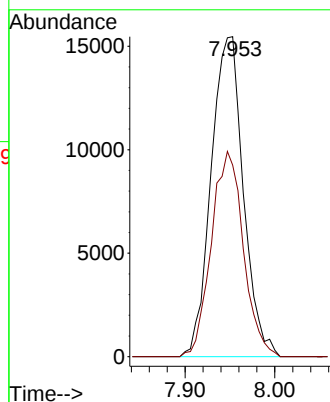
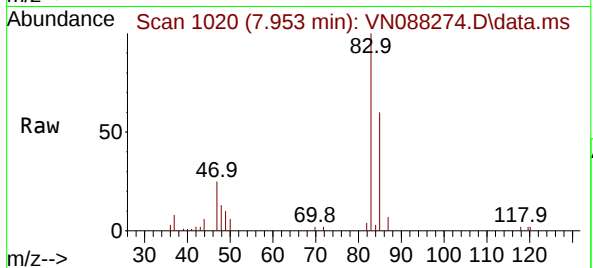
VSTDIC005

Tgt Ion: 83 Resp: 38596

Ion Ratio Lower Upper

83 100

85 59.9 52.2 78.4



#26

Cyclohexane

Concen: 2.589 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.012 min

Lab File: VN088274.D

Acq: 13 Nov 2025 10:14

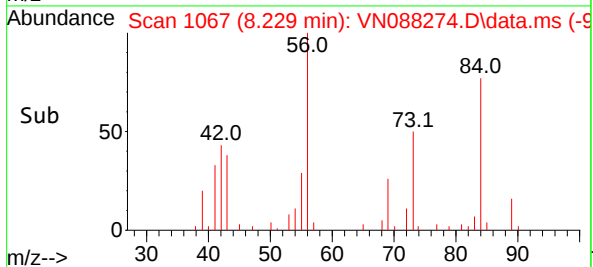
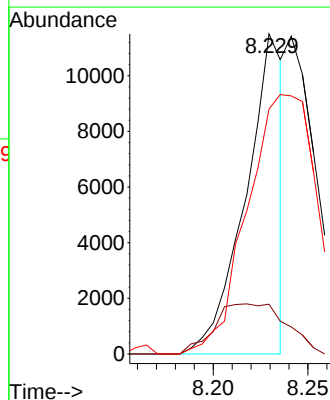
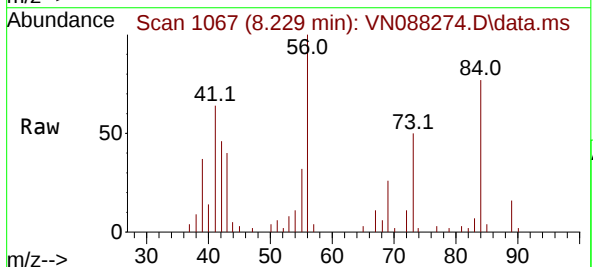
Tgt Ion: 56 Resp: 15717

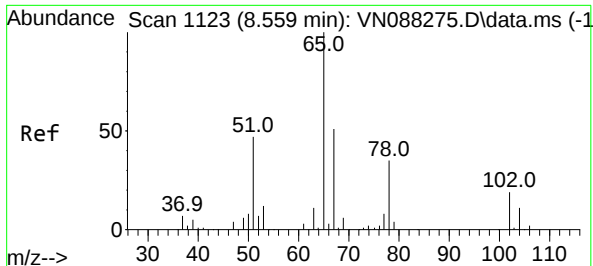
Ion Ratio Lower Upper

56 100

89 19.4 7.3 10.9#

84 156.0 67.8 101.8#

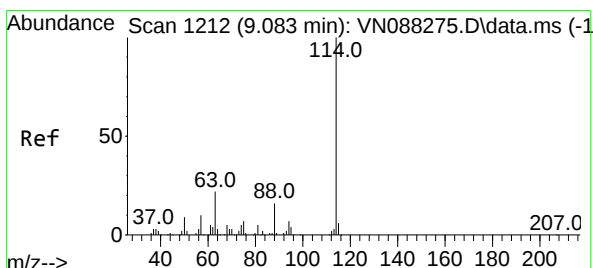
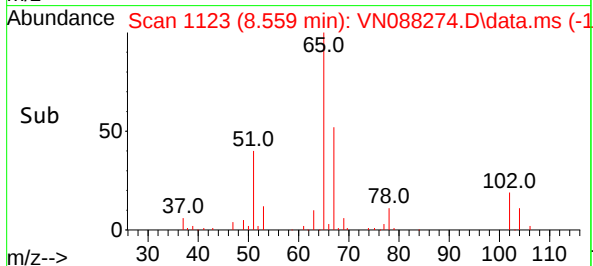
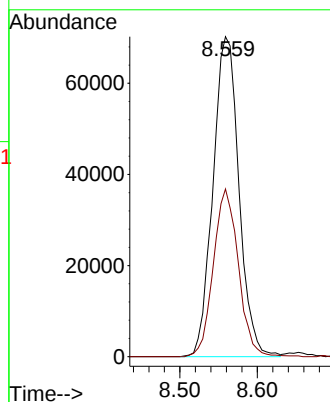
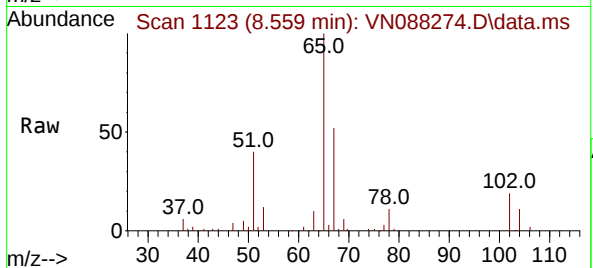




#27
1,2-Dichloroethane-d4
Concen: 33.778 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

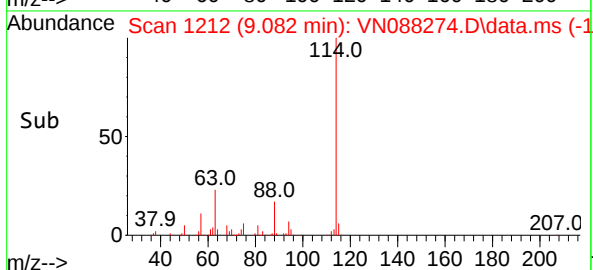
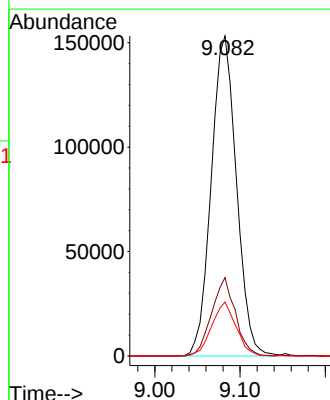
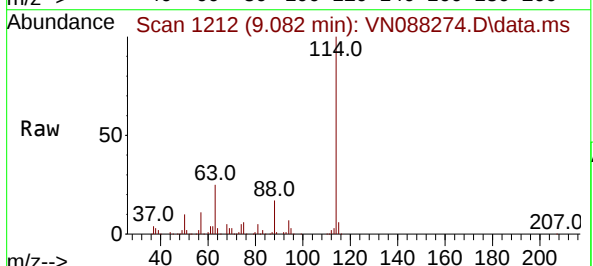
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

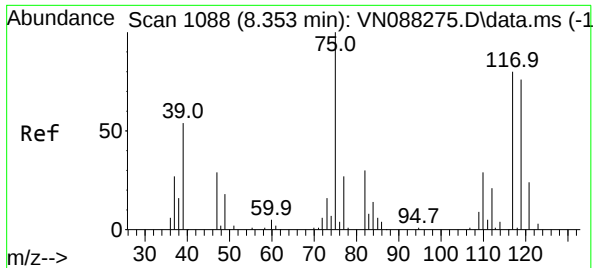
Tgt Ion: 65 Resp: 163453
Ion Ratio Lower Upper
65 100
67 50.4 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 114 Resp: 315158
Ion Ratio Lower Upper
114 100
63 23.0 18.9 28.3
88 16.3 12.8 19.2

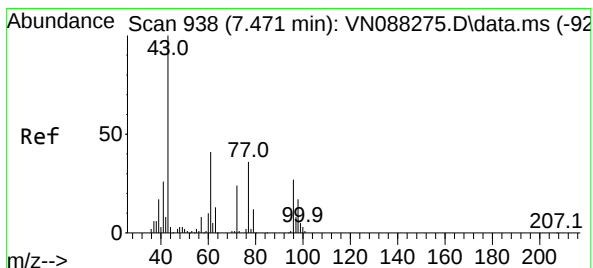
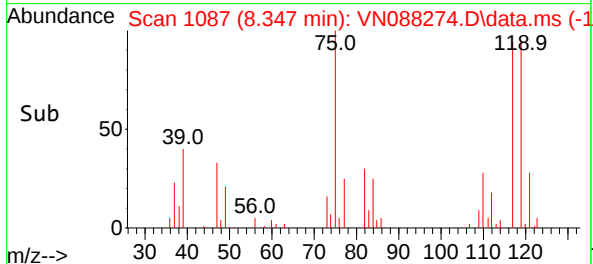
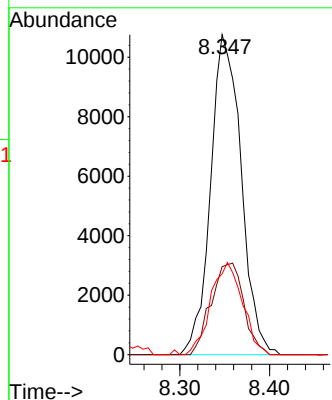
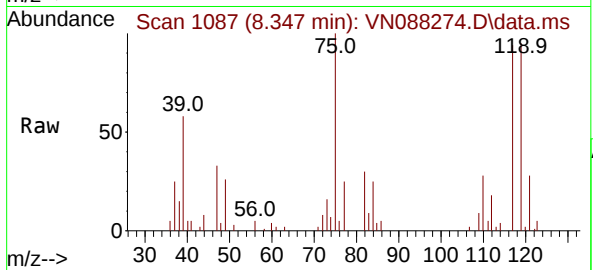




#29
1,1-Dichloropropene
Concen: 5.410 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. -0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

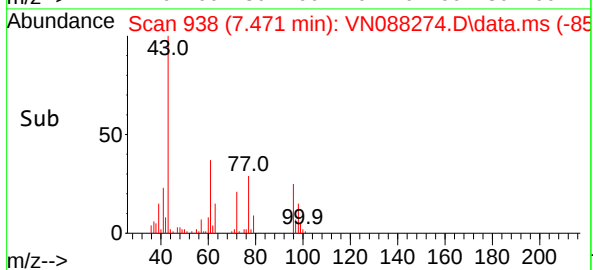
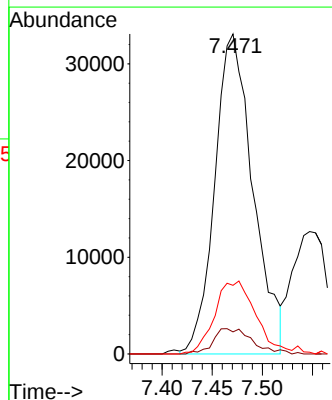
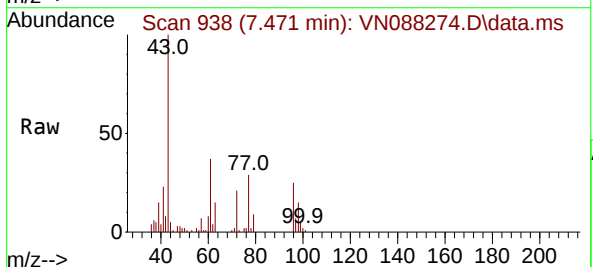
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

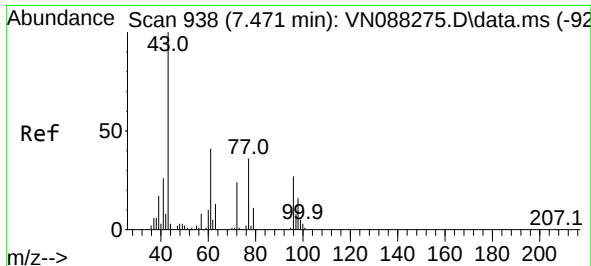
Tgt Ion:	75	Resp:	25434
Ion	Ratio	Lower	Upper
75	100		
110	30.5	0.0	65.6
77	30.0	0.0	60.8



#30
2-Butanone
Concen: 26.404 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion:	43	Resp:	87884
Ion	Ratio	Lower	Upper
43	100		
57	4.3	6.2	9.4#
72	24.3	19.4	29.2

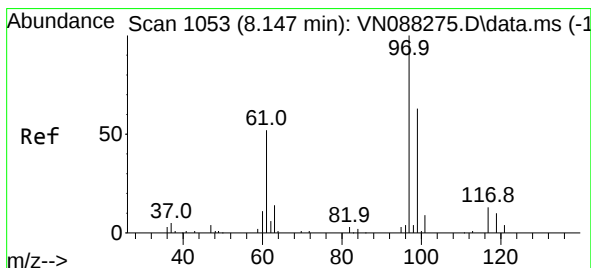
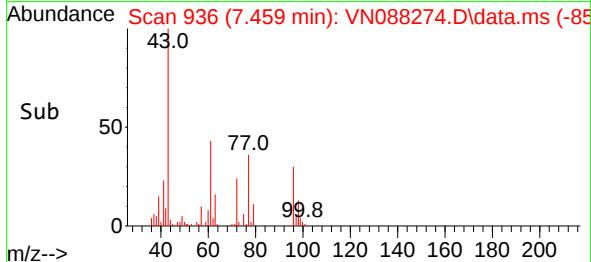
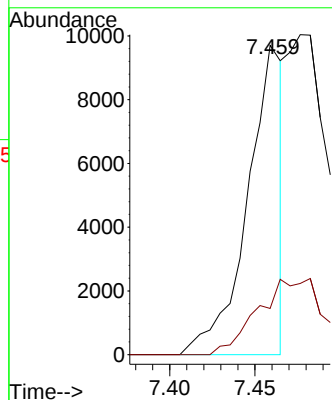
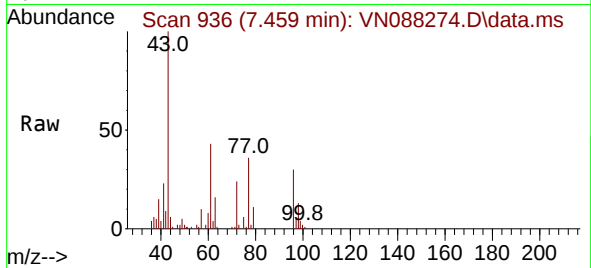




#31
2,2-Dichloropropane
Concen: 2.341 ug/l
RT: 7.459 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

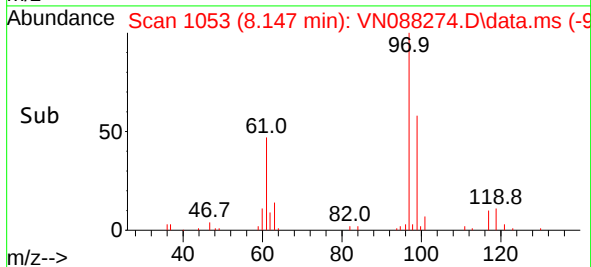
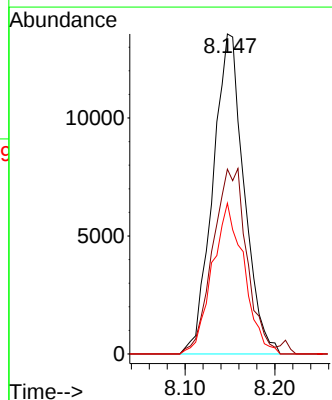
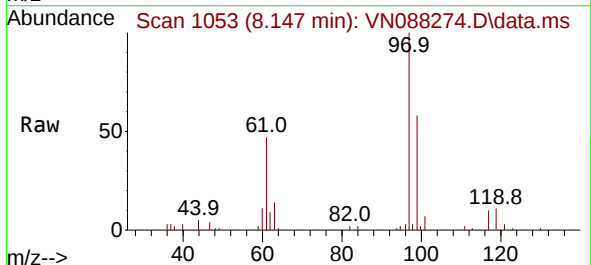
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

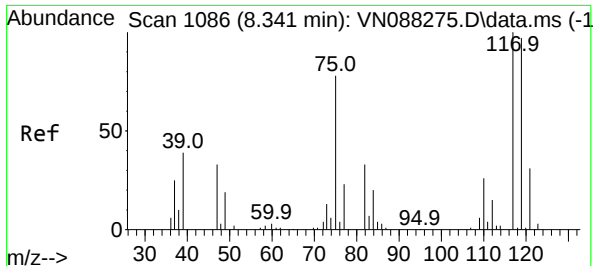
Tgt Ion: 77 Resp: 13988
Ion Ratio Lower Upper
77 100
97 25.2 16.8 25.2#



#32
1,1,1-Trichloroethane
Concen: 5.623 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 97 Resp: 32744
Ion Ratio Lower Upper
97 100
99 63.4 50.2 75.4
61 48.1 39.8 59.8

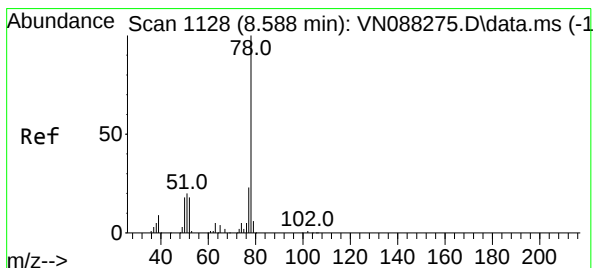
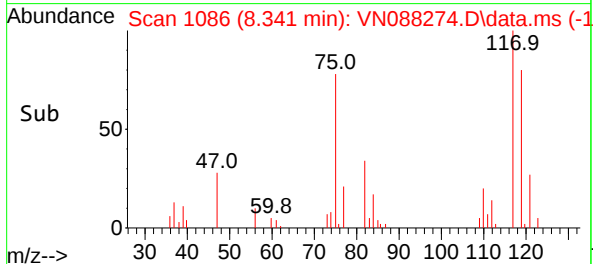
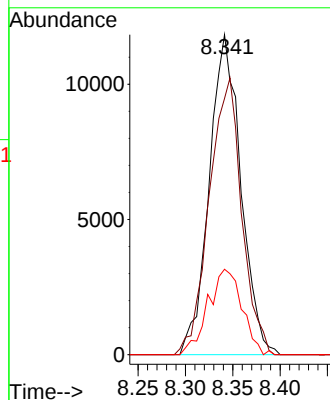
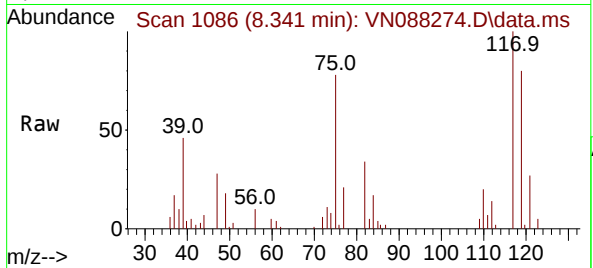




#33
Carbon Tetrachloride
Concen: 5.603 ug/l
RT: 8.341 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

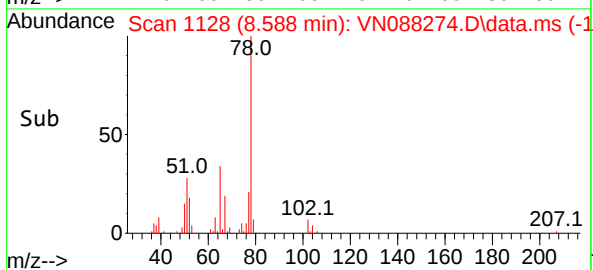
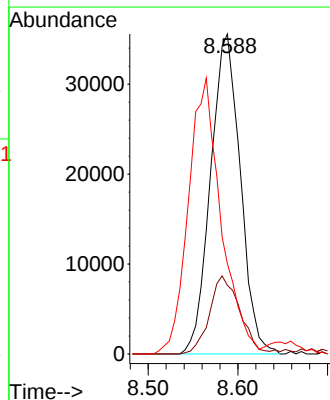
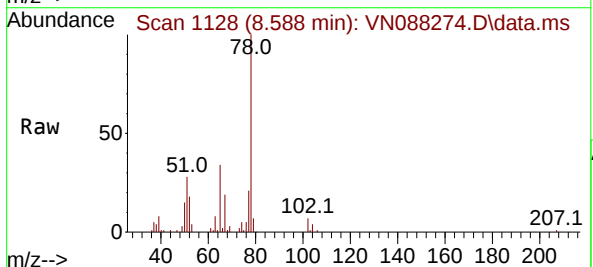
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

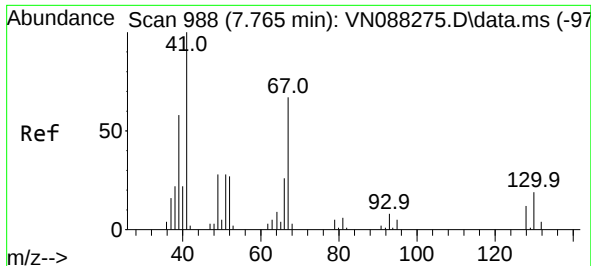
Tgt Ion:117 Resp: 27520
Ion Ratio Lower Upper
117 100
119 80.1 77.8 116.8
121 26.7 24.5 36.7



#34
Benzene
Concen: 5.397 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 78 Resp: 81926
Ion Ratio Lower Upper
78 100
77 21.4 18.6 27.8
51 24.5 15.8 23.8#

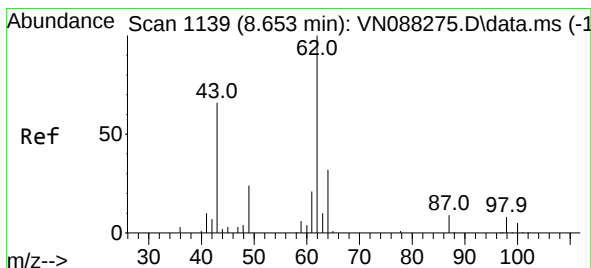
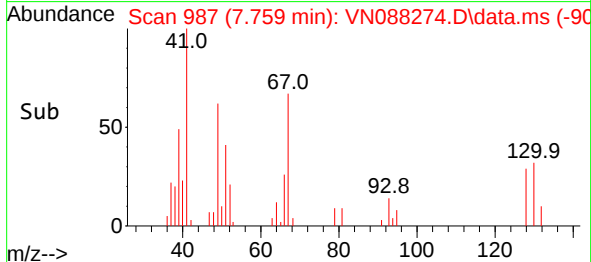
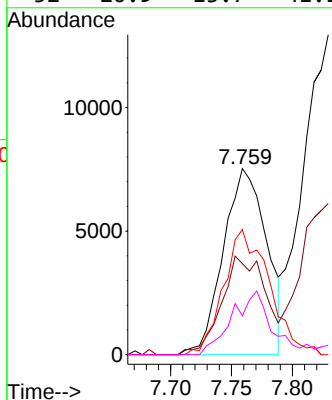
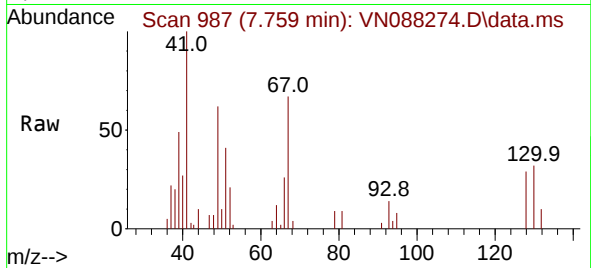




#35
Methacrylonitrile
Concen: 5.343 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

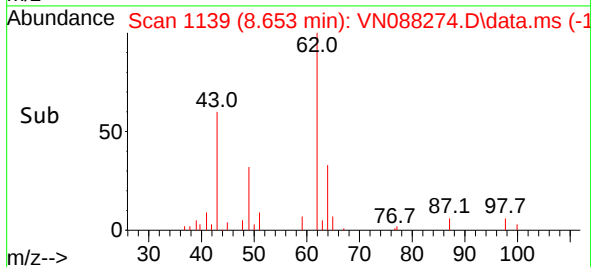
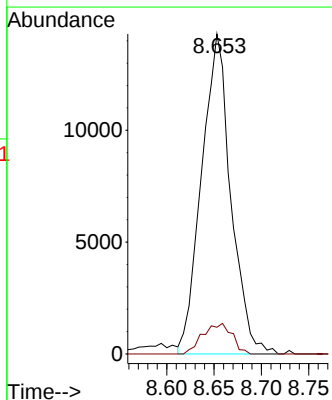
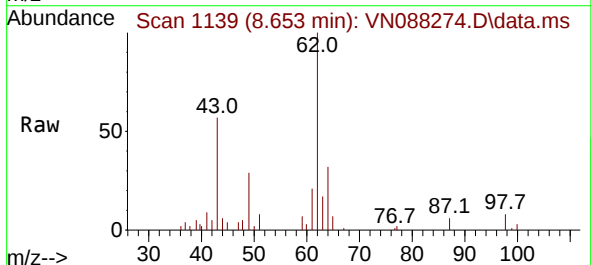
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

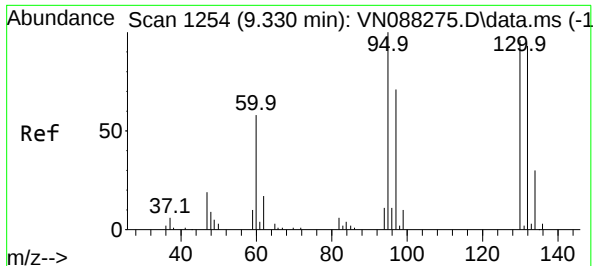
Tgt Ion: 41	Resp: 18631
Ion Ratio	Lower Upper
41 100	
39 48.9	29.0 87.0
67 67.2	33.3 99.9
52 20.9	13.7 41.1



#36
1,2-Dichloroethane
Concen: 5.714 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 62	Resp: 30747
Ion Ratio	Lower Upper
62 100	
98 9.6	6.8 10.2





#37

Trichloroethene

Concen: 5.154 ug/l

RT: 9.335 min Scan# 1254

Delta R.T. 0.006 min

Lab File: VN088274.D

Acq: 13 Nov 2025 10:14

Instrument :

MSVOA_N

ClientSampleId :

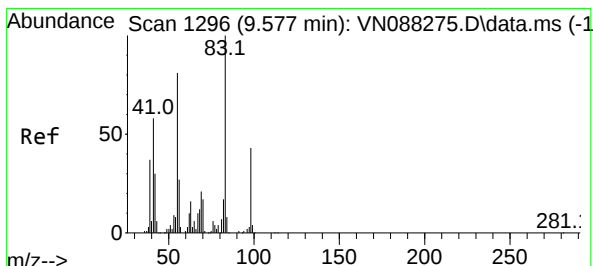
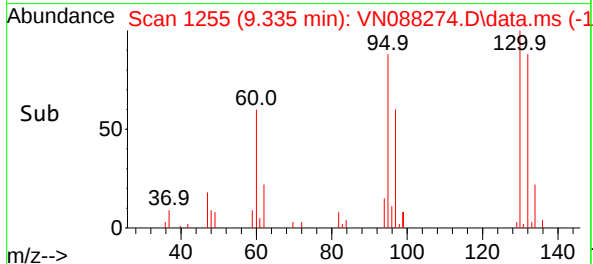
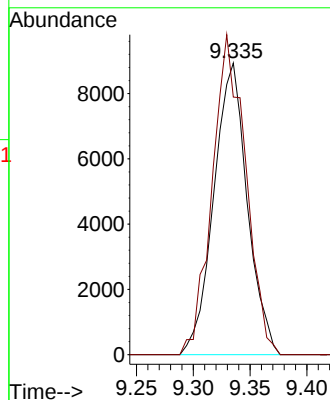
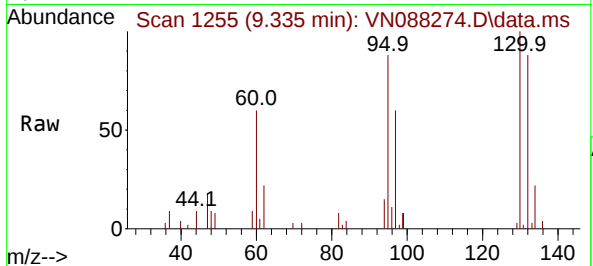
VSTDIC005

Tgt Ion:130 Resp: 18362

Ion Ratio Lower Upper

130 100

95 88.3 83.7 125.5



#38

Methylcyclohexane

Concen: 4.668 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN088274.D

Acq: 13 Nov 2025 10:14

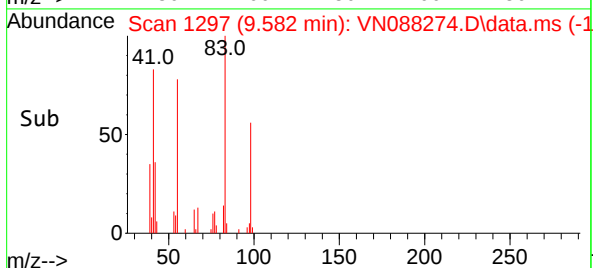
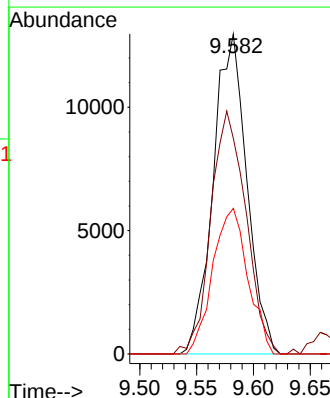
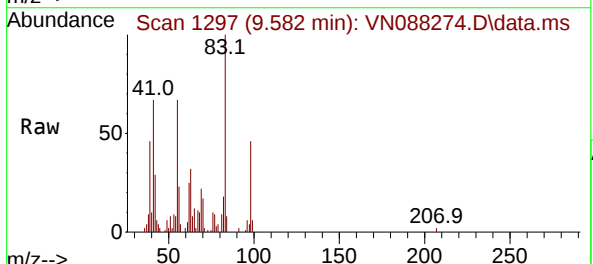
Tgt Ion: 83 Resp: 26740

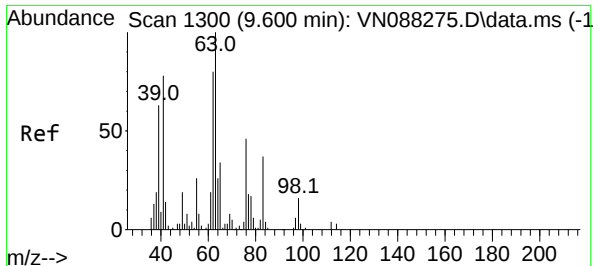
Ion Ratio Lower Upper

83 100

55 78.8 40.8 122.5

98 47.5 23.4 70.3

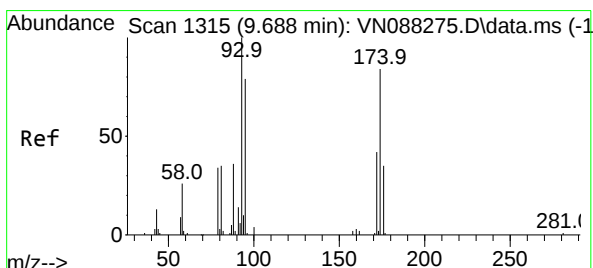
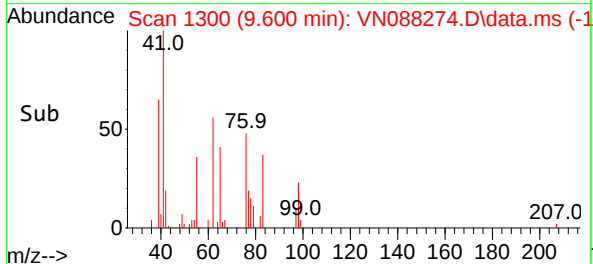
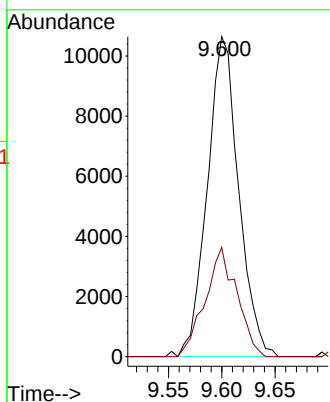
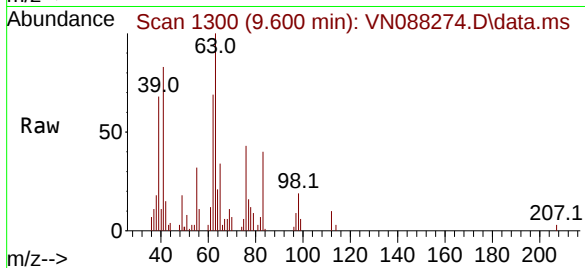




#39
1,2-Dichloropropane
Concen: 5.698 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

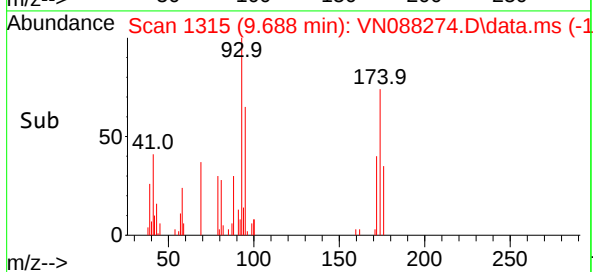
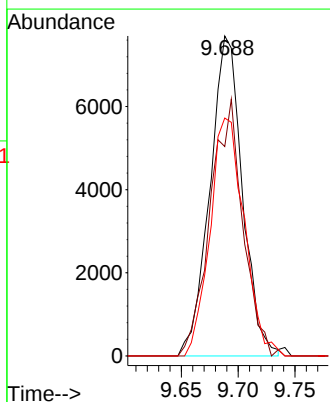
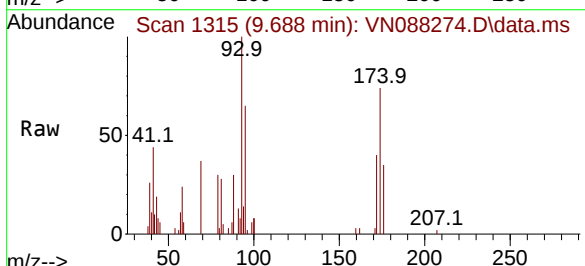
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

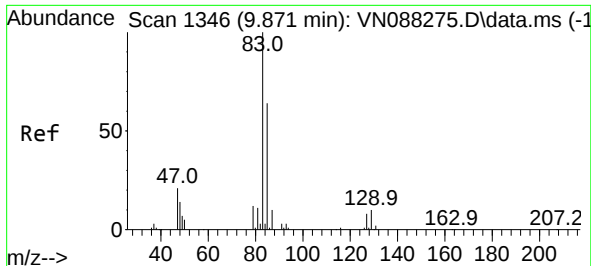
Tgt Ion: 63 Resp: 21746
Ion Ratio Lower Upper
63 100
65 34.1 27.8 41.6



#40
Dibromomethane
Concen: 5.523 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 93 Resp: 15320
Ion Ratio Lower Upper
93 100
95 80.1 0.0 161.6
174 78.3 0.0 158.2

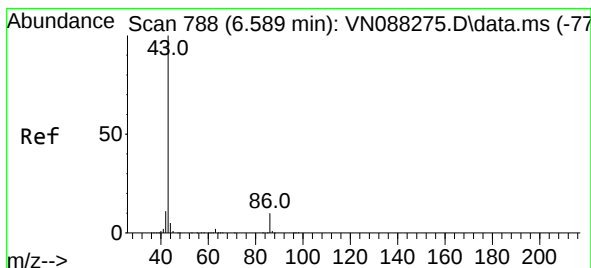
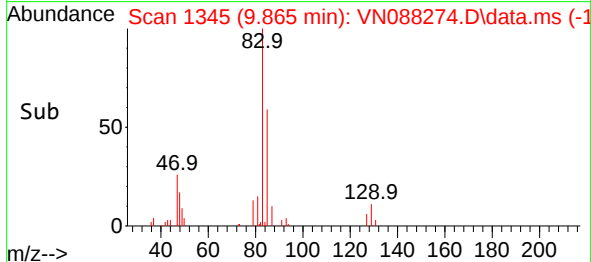
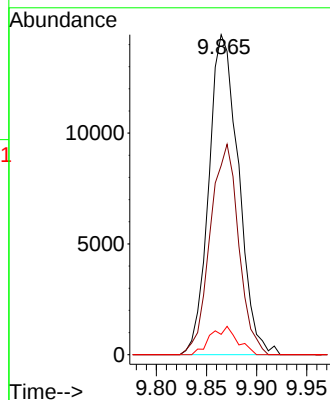
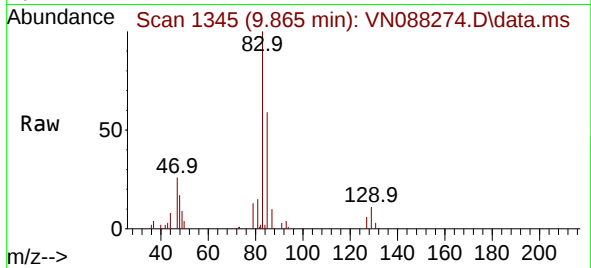




#41
Bromodichloromethane
Concen: 5.289 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

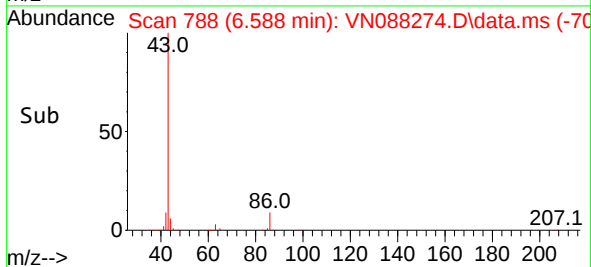
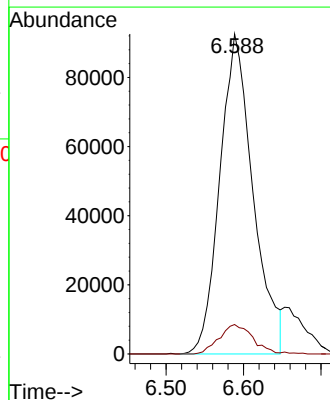
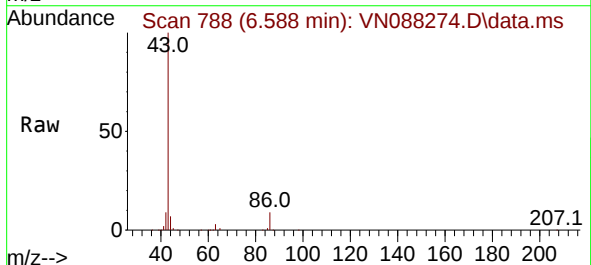
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

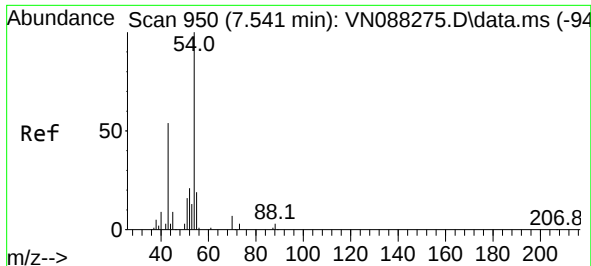
Tgt Ion: 83 Resp: 29744
Ion Ratio Lower Upper
83 100
85 59.1 51.4 77.2
127 6.4 6.4 9.6#



#42
Vinyl Acetate
Concen: 24.145 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 43 Resp: 276230
Ion Ratio Lower Upper
43 100
86 9.2 7.4 11.2





#43

Ethyl Acetate

Concen: 5.467 ug/l

RT: 7.547 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN088274.D

Acq: 13 Nov 2025 10:14

Instrument :

MSVOA_N

ClientSampleId :

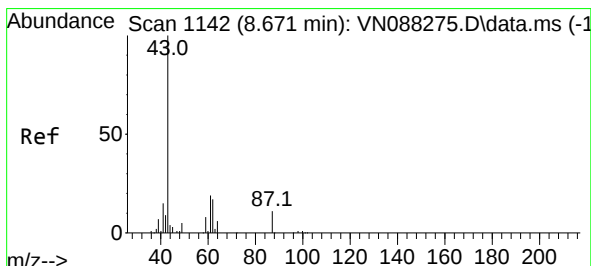
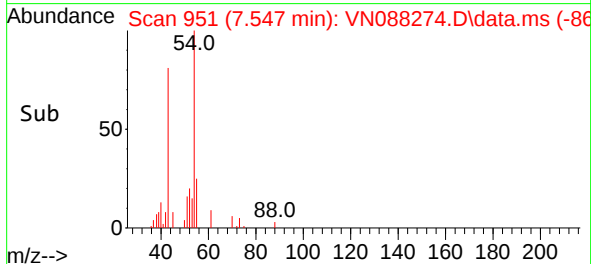
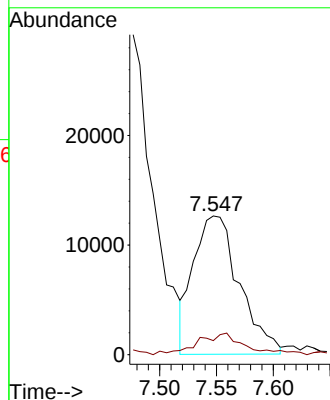
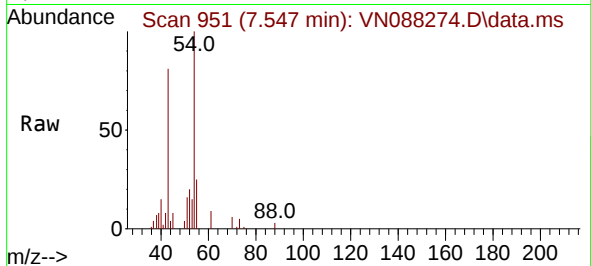
VSTDICC005

Tgt Ion: 43 Resp: 35436

Ion Ratio Lower Upper

43 100

45 5.0 9.9 14.9#



#44

Isopropyl Acetate

Concen: 4.931 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VN088274.D

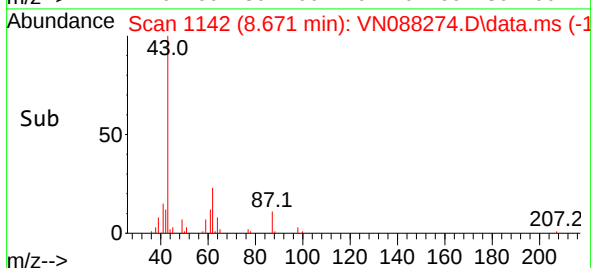
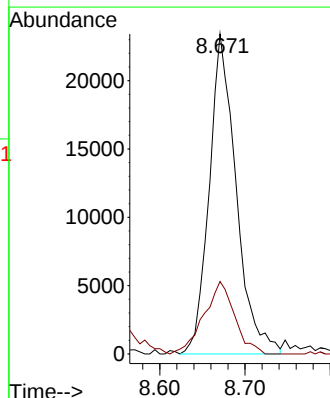
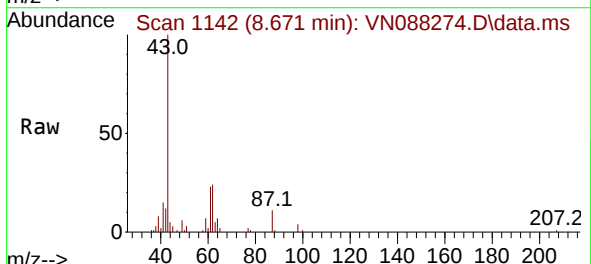
Acq: 13 Nov 2025 10:14

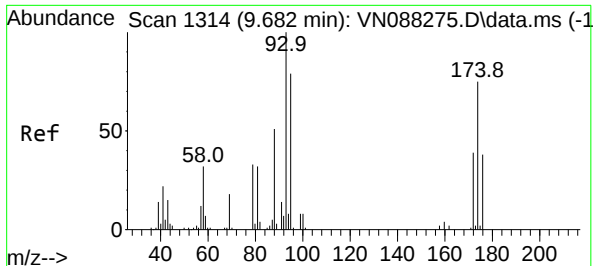
Tgt Ion: 43 Resp: 51550

Ion Ratio Lower Upper

43 100

61 25.8 19.0 28.6

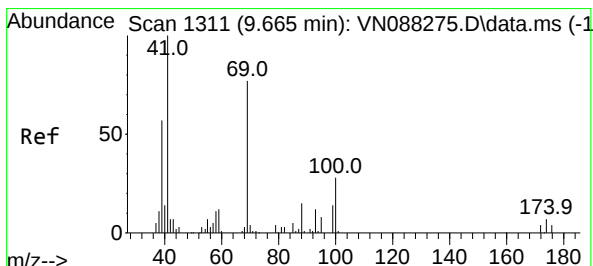
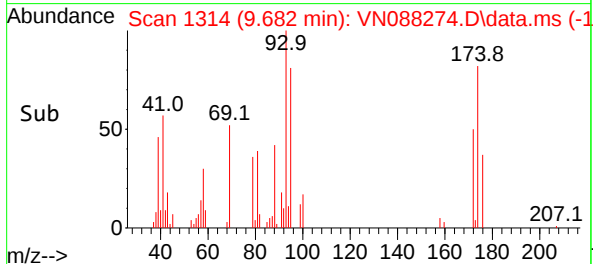
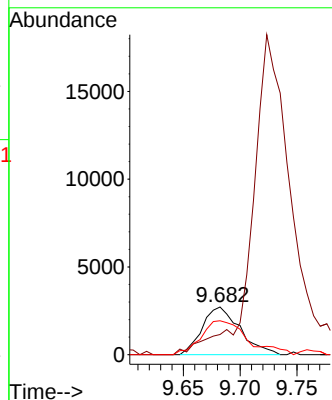
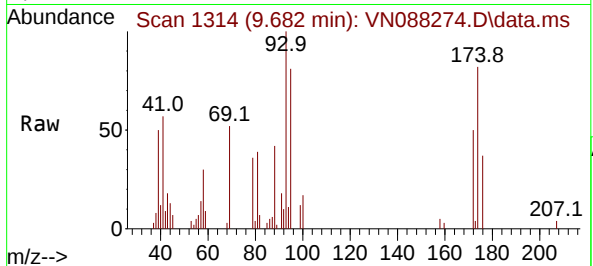




#45
1,4-Dioxane
Concen: 92.862 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

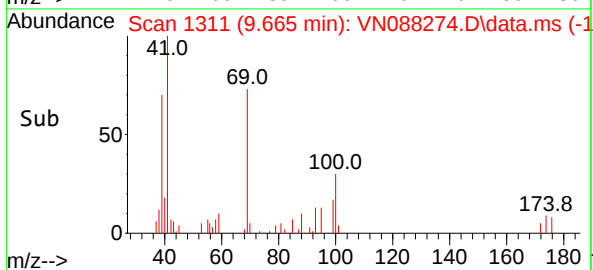
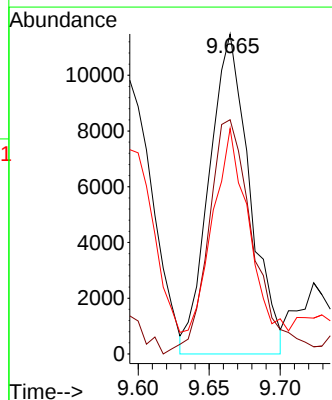
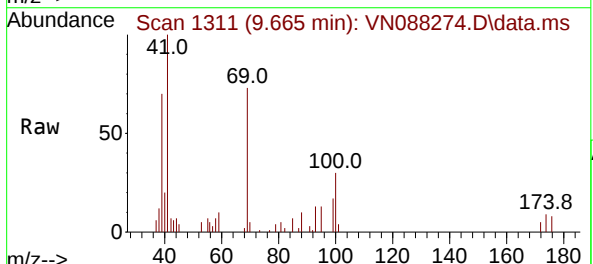
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

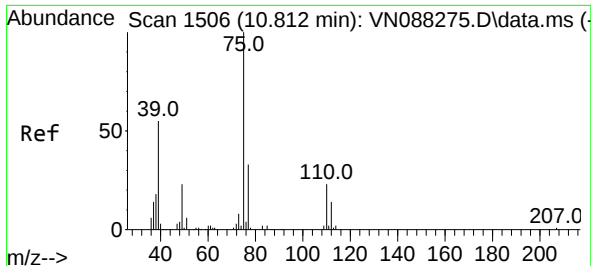
Tgt Ion: 88 Resp: 6293
Ion Ratio Lower Upper
88 100
43 42.0 27.8 41.8#
58 78.4 59.5 89.3



#46
Methyl methacrylate
Concen: 4.800 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 41 Resp: 22745
Ion Ratio Lower Upper
41 100
69 74.3 38.5 115.3
39 67.5 29.0 87.1

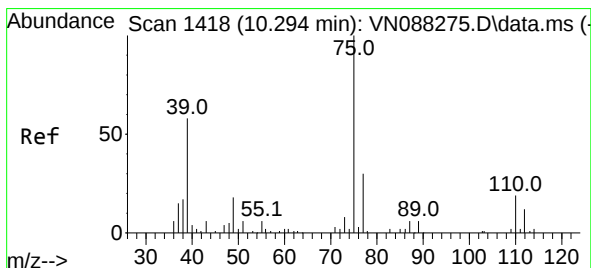
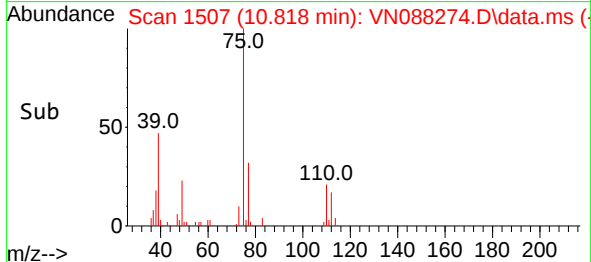
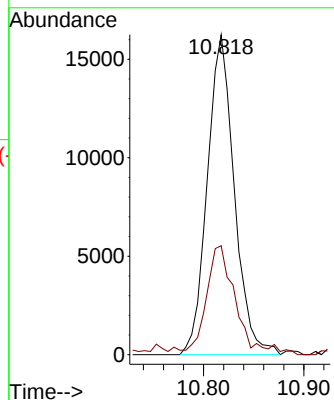
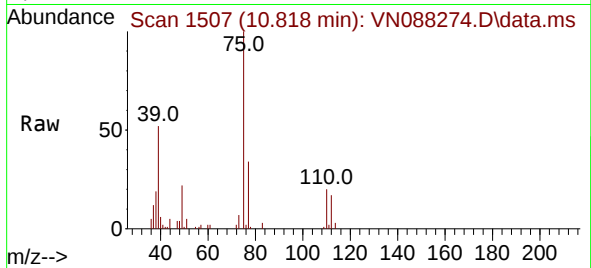




#48
t-1,3-Dichloropropene
Concen: 4.911 ug/l
RT: 10.818 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

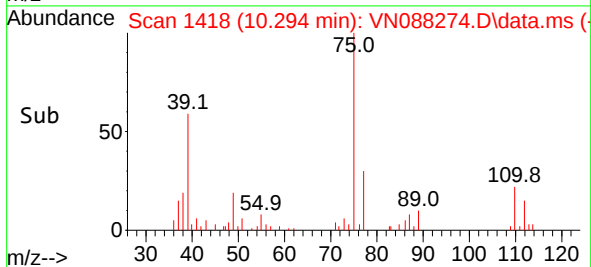
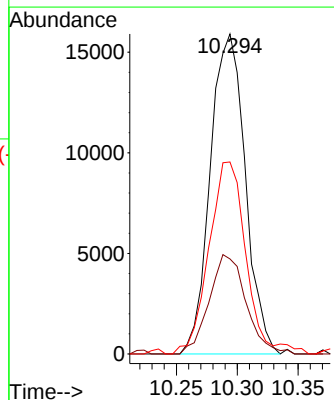
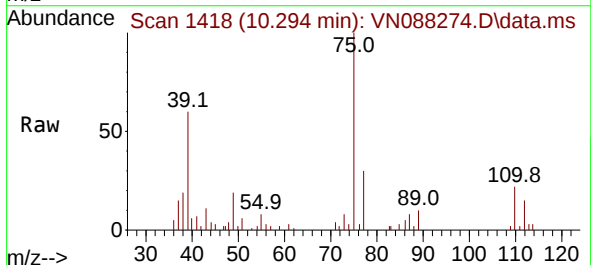
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

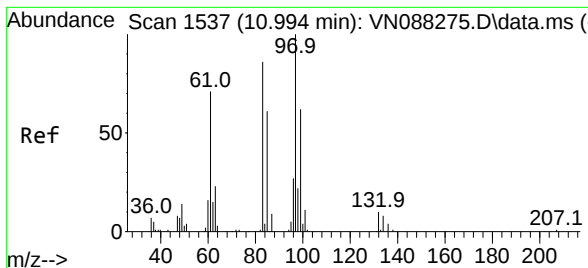
Tgt Ion: 75 Resp: 30392
Ion Ratio Lower Upper
75 100
77 33.1 26.1 39.1



#49
cis-1,3-Dichloropropene
Concen: 4.902 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 75 Resp: 31815
Ion Ratio Lower Upper
75 100
77 29.7 24.4 36.6
39 56.9 46.1 69.1

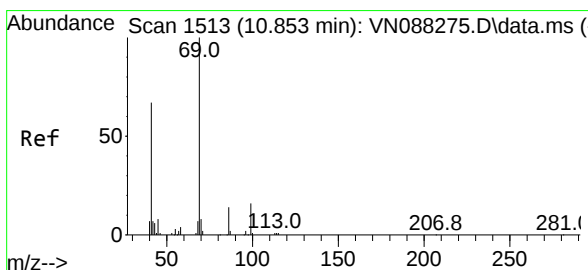
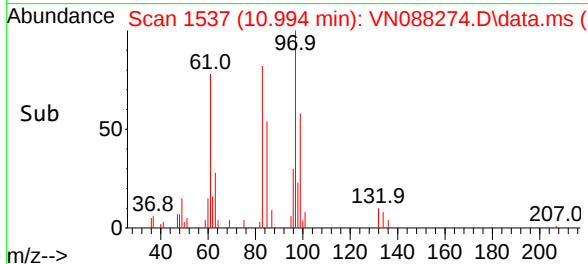
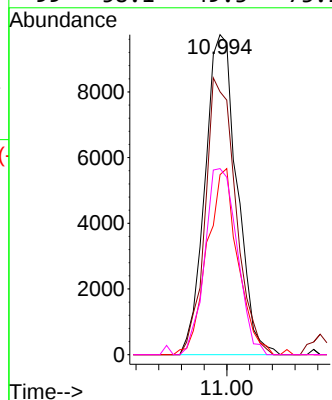
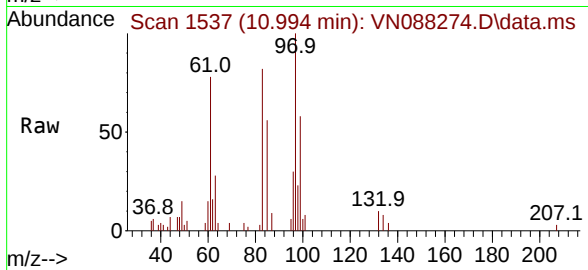




#50
 1,1,2-Trichloroethane
 Concen: 5.278 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN088274.D
 Acq: 13 Nov 2025 10:14

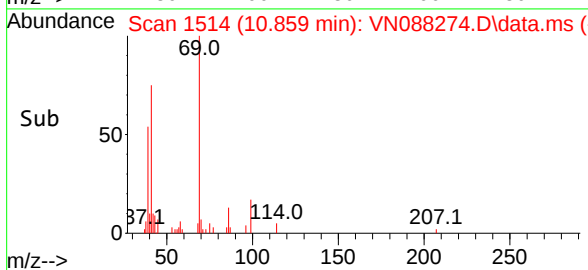
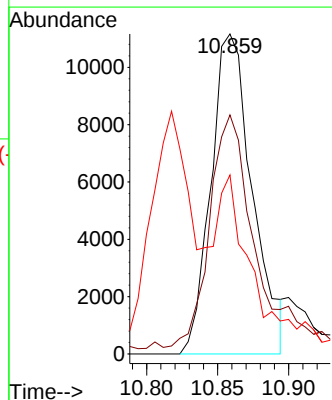
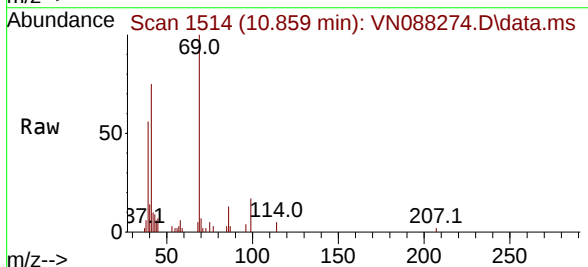
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

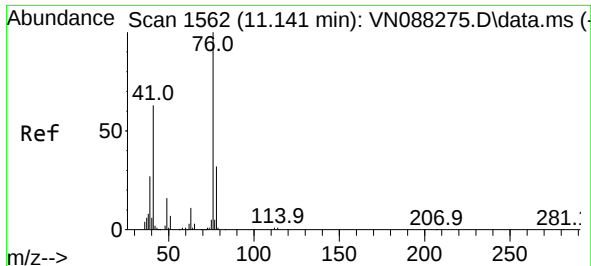
Tgt Ion: 97	Resp: 19062
Ion Ratio	Lower Upper
97 100	
83 82.1	68.6 102.8
85 56.3	49.0 73.6
99 58.1	49.3 73.9



#51
 Ethyl methacrylate
 Concen: 3.729 ug/l
 RT: 10.859 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: VN088274.D
 Acq: 13 Nov 2025 10:14

Tgt Ion: 69	Resp: 22623
Ion Ratio	Lower Upper
69 100	
41 69.8	33.6 100.8
39 45.6	23.4 70.2

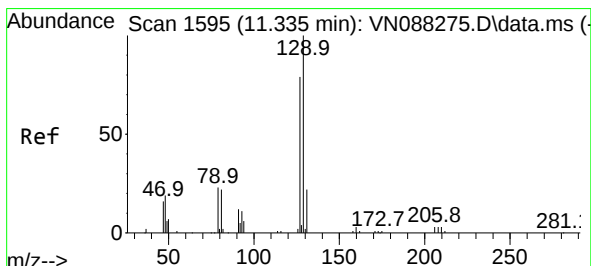
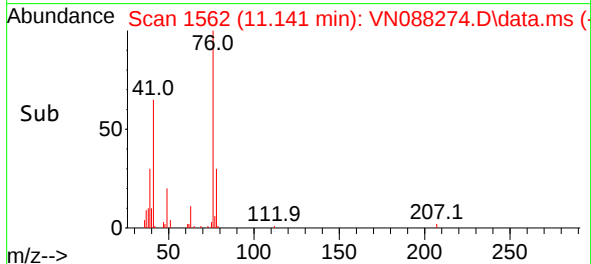
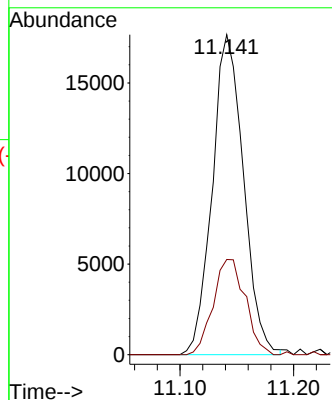
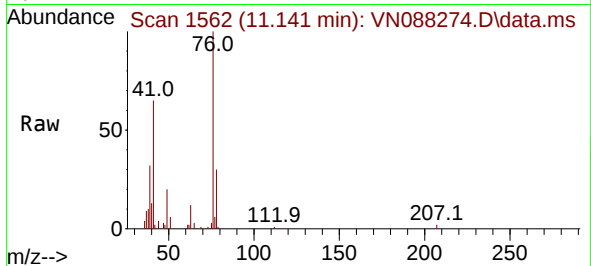




#52
1,3-Dichloropropane
Concen: 5.305 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

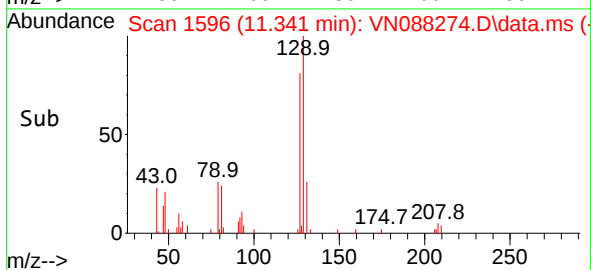
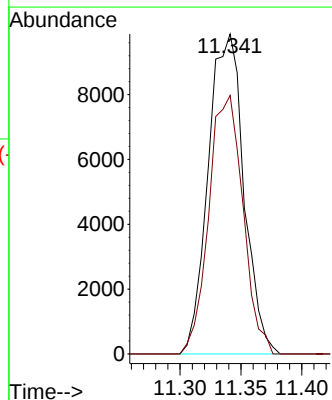
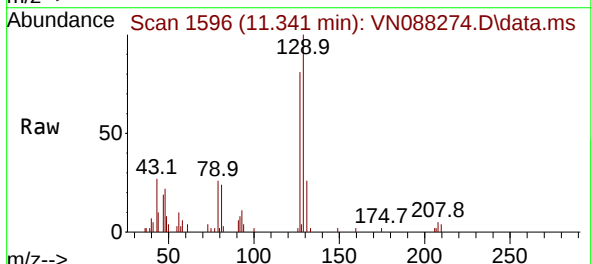
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

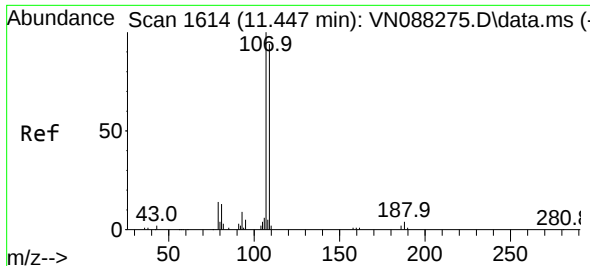
Tgt Ion: 76 Resp: 33732
Ion Ratio Lower Upper
76 100
78 30.6 0.0 64.2



#53
Dibromochloromethane
Concen: 4.685 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 129 Resp: 20062
Ion Ratio Lower Upper
129 100
127 77.5 38.2 114.6

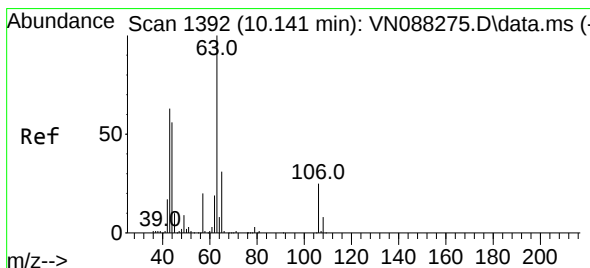
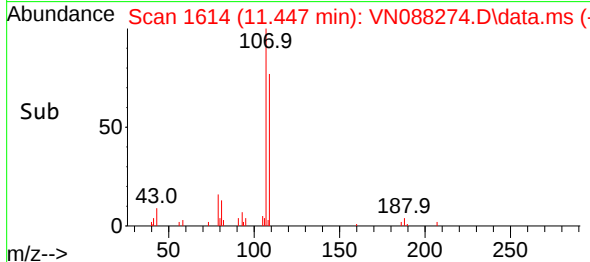
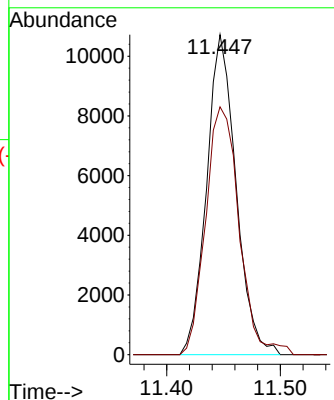
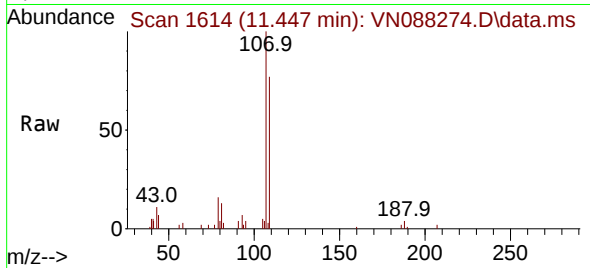




#54
1,2-Dibromoethane
Concen: 5.037 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

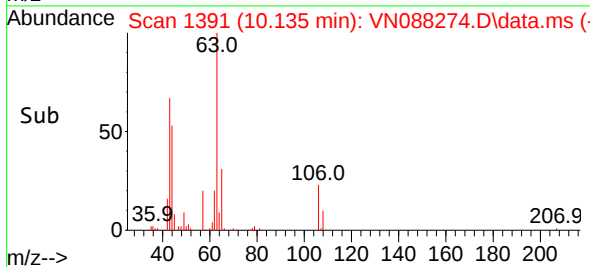
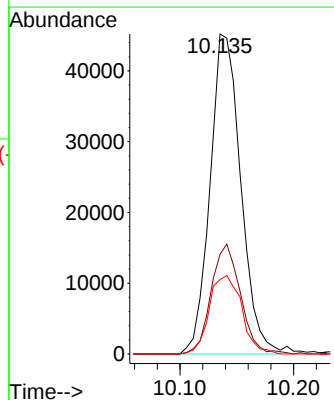
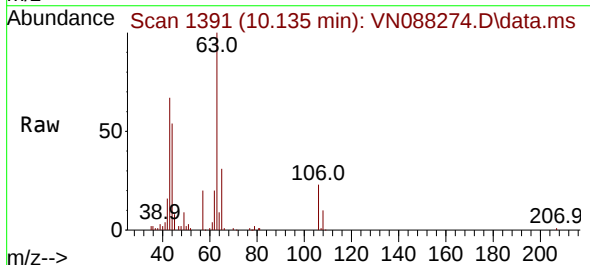
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

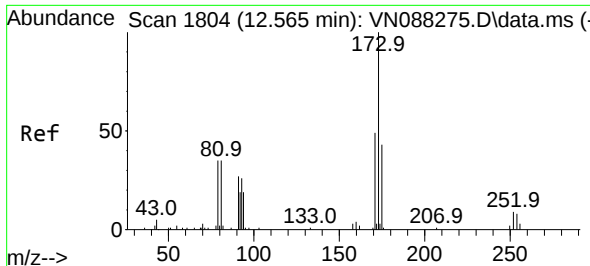
Tgt Ion:107 Resp: 19322
Ion Ratio Lower Upper
107 100
109 86.1 76.6 115.0



#55
2-Chloroethyl vinyl ether
Concen: 25.902 ug/l
RT: 10.135 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 63 Resp: 84863
Ion Ratio Lower Upper
63 100
65 32.4 24.9 37.3
106 25.9 20.3 30.5

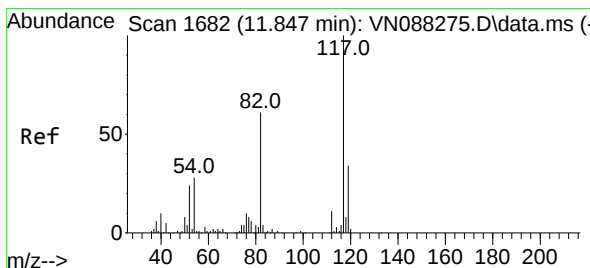
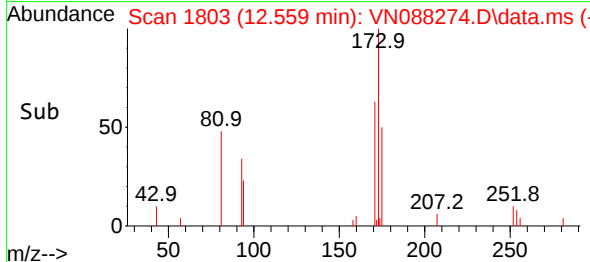
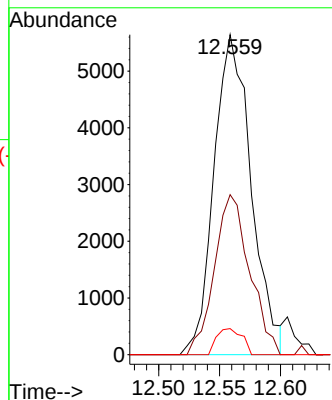
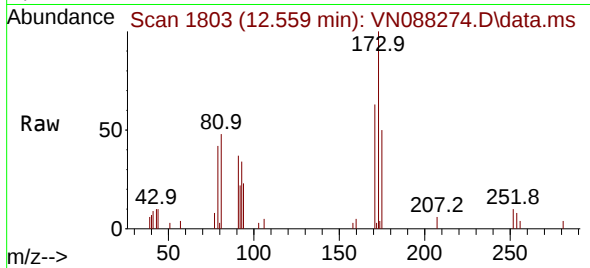




#56
Bromoform
Concen: 4.198 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

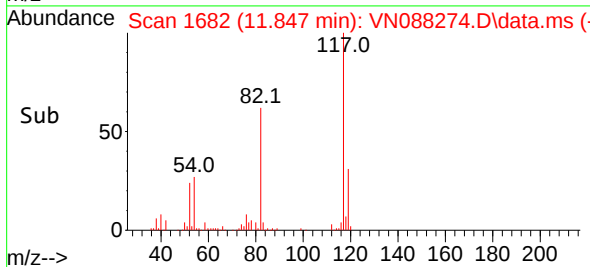
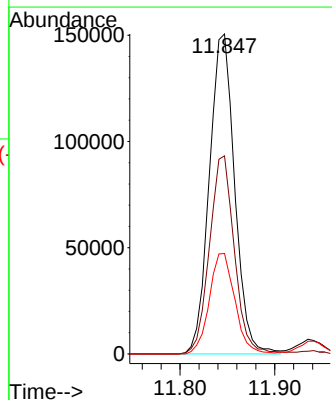
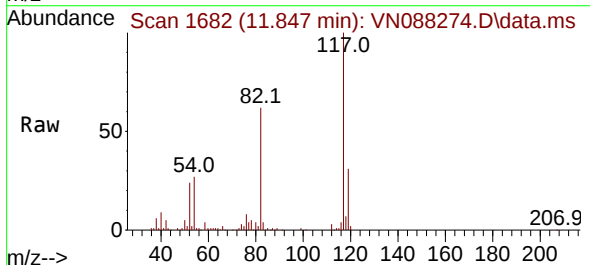
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

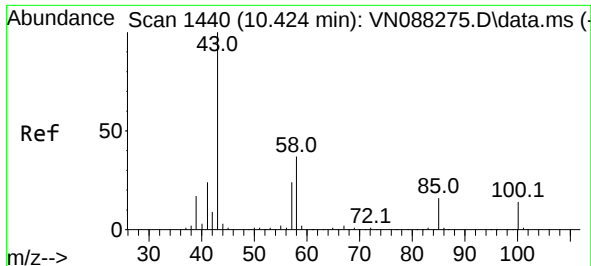
Tgt Ion:173 Resp: 12003
Ion Ratio Lower Upper
173 100
175 47.4 37.7 56.5
254 5.5 5.9 8.9#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion:117 Resp: 280094
Ion Ratio Lower Upper
117 100
82 61.1 49.3 73.9
119 31.6 26.4 39.6

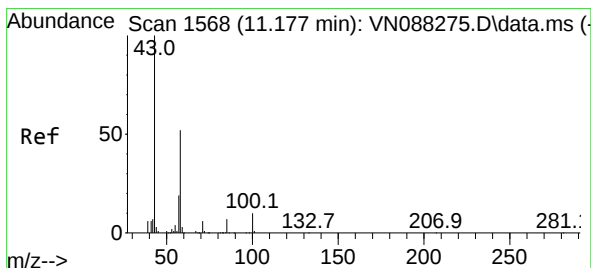
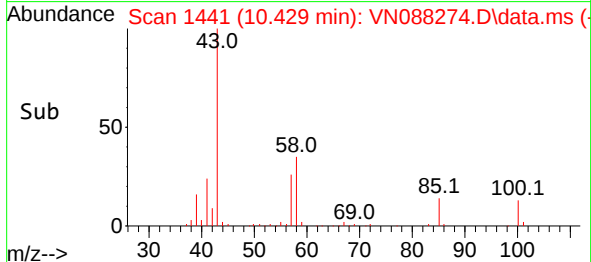
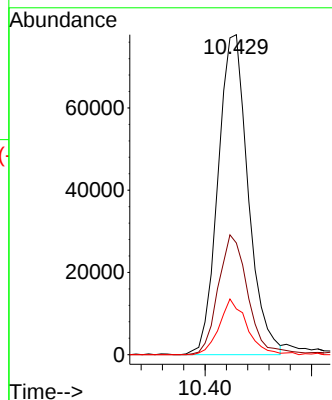
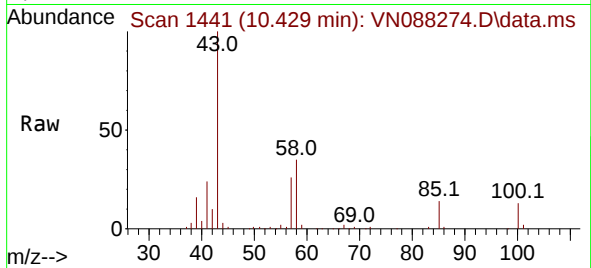




#58
4-Methyl-2-Pentanone
Concen: 24.280 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

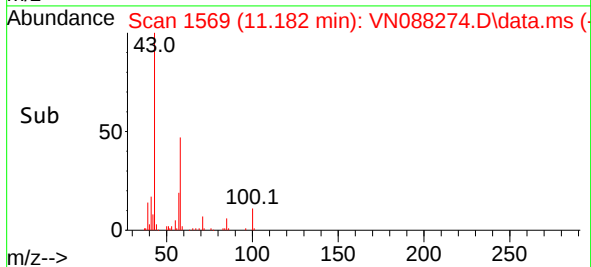
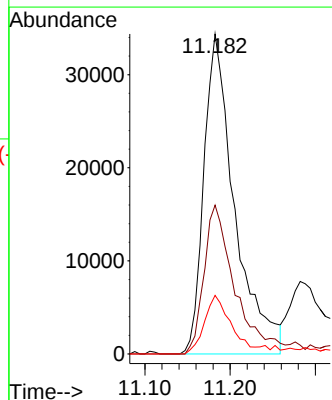
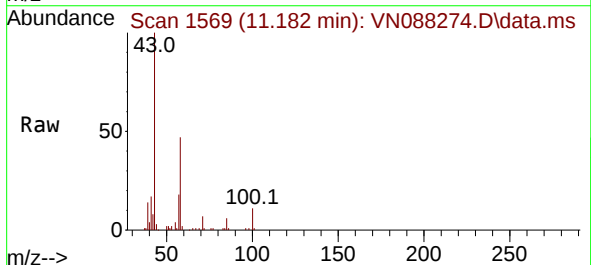
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

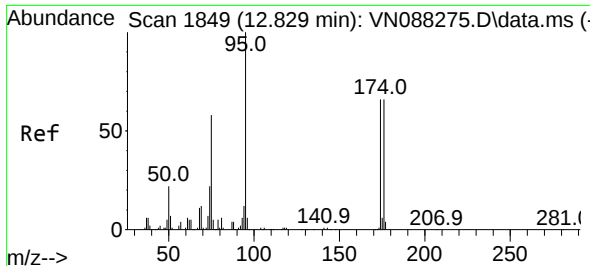
Tgt Ion: 43 Resp: 152747
Ion Ratio Lower Upper
43 100
58 36.8 29.2 43.8
85 15.8 12.6 19.0



#59
2-Hexanone
Concen: 20.905 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 43 Resp: 86444
Ion Ratio Lower Upper
43 100
58 44.4 41.0 61.4
57 15.8 14.4 21.6

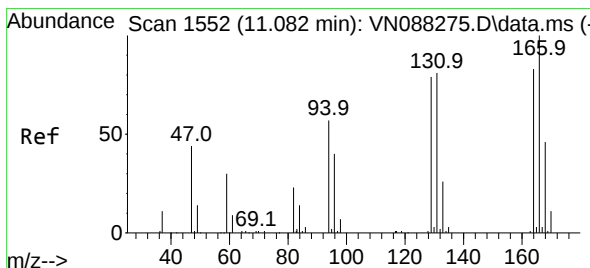
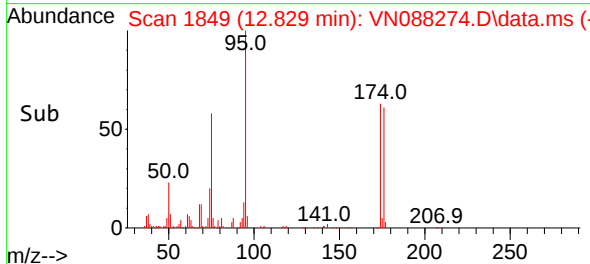
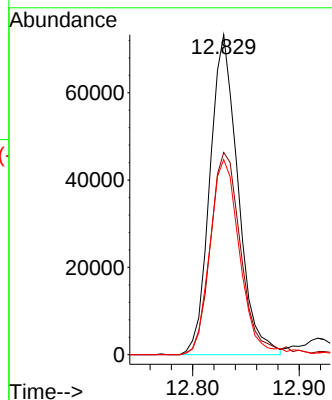
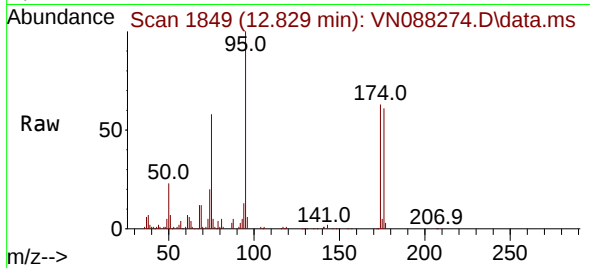




#60
4-Bromofluorobenzene
Concen: 29.108 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

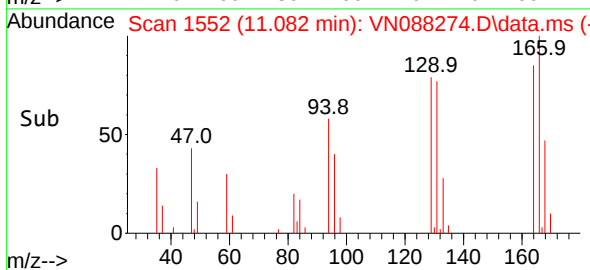
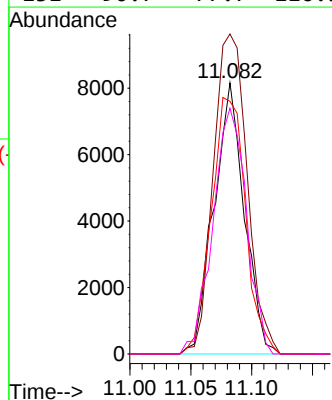
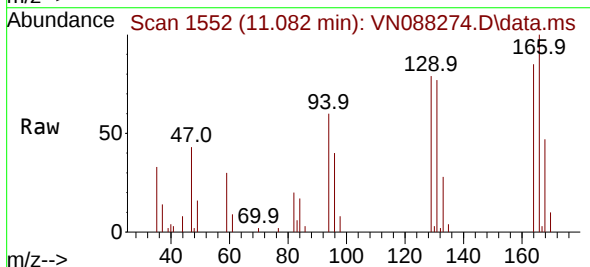
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

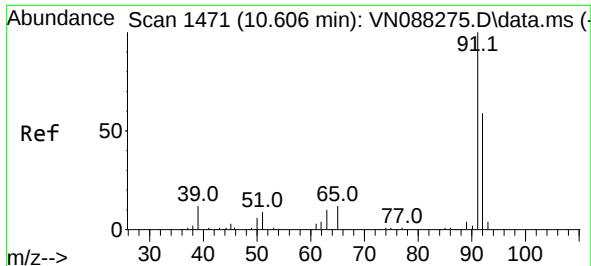
Tgt Ion: 95 Resp: 134269
Ion Ratio Lower Upper
95 100
174 67.9 54.5 81.7
176 63.7 53.8 80.6



#61
Tetrachloroethene
Concen: 4.941 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 164 Resp: 14222
Ion Ratio Lower Upper
164 100
166 118.0 96.3 144.5
129 93.2 76.2 114.2
131 90.7 77.7 116.5

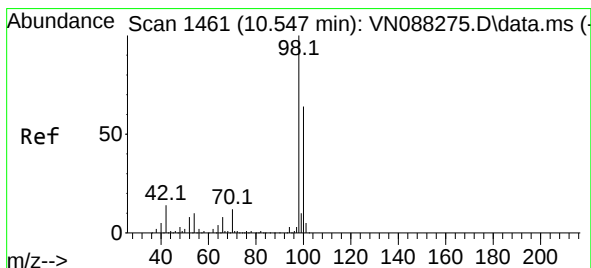
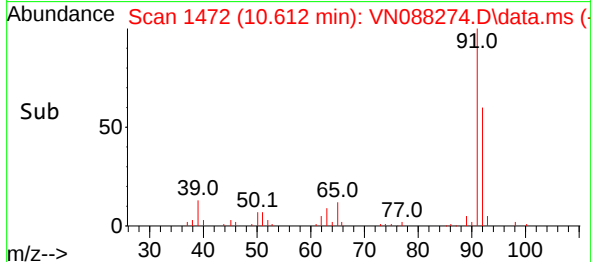
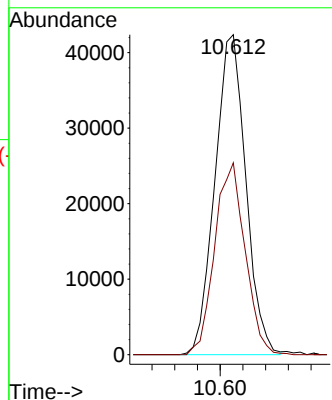
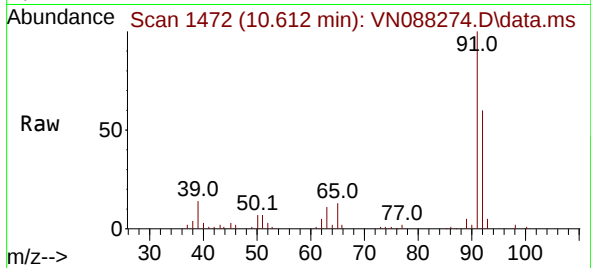




#62
Toluene
Concen: 4.996 ug/l
RT: 10.612 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

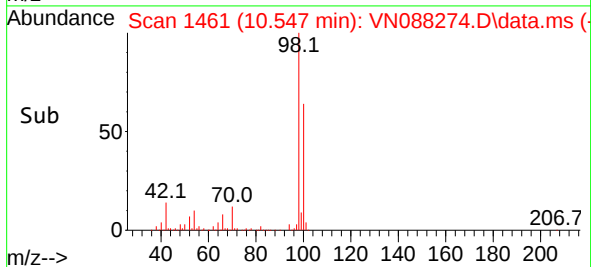
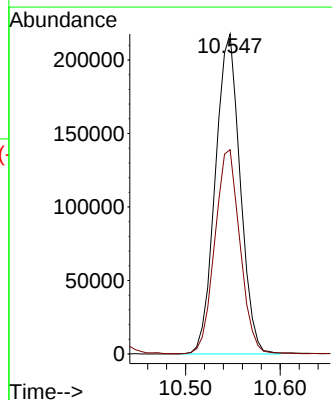
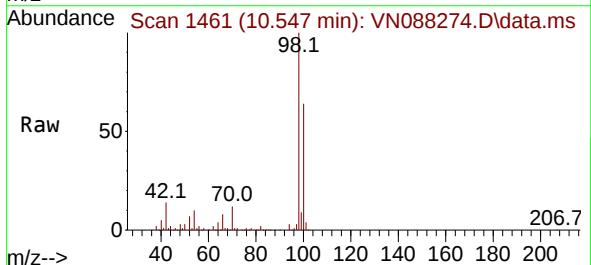
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

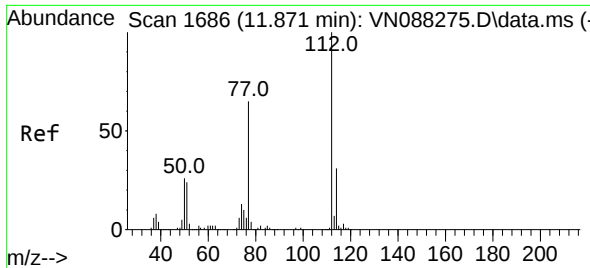
Tgt Ion: 91 Resp: 80108
Ion Ratio Lower Upper
91 100
92 58.9 46.7 70.1



#63
Toluene-d8
Concen: 31.297 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 98 Resp: 397107
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4

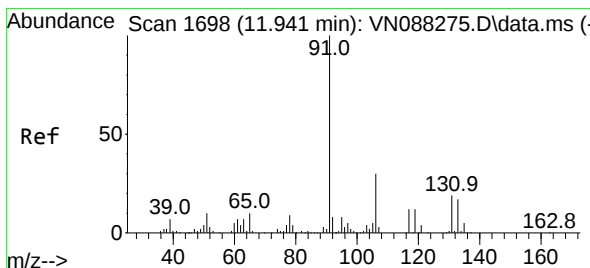
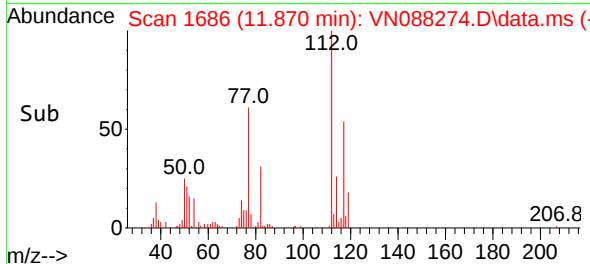
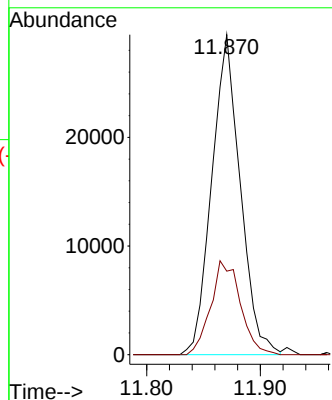
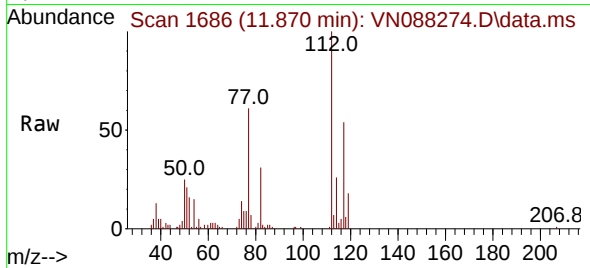




#64
Chlorobenzene
Concen: 5.070 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

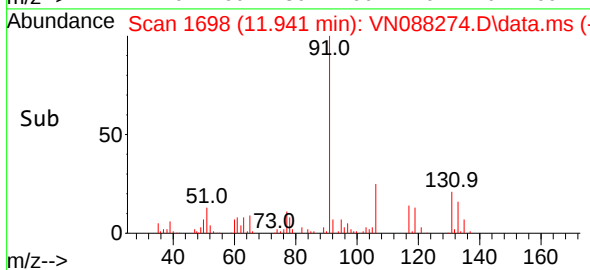
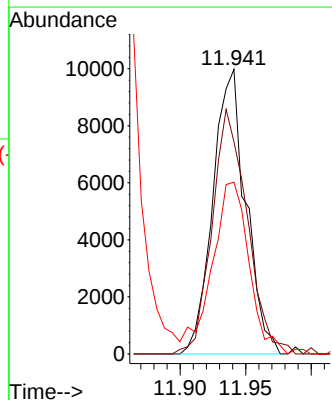
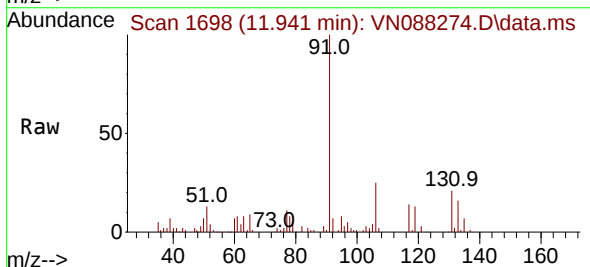
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

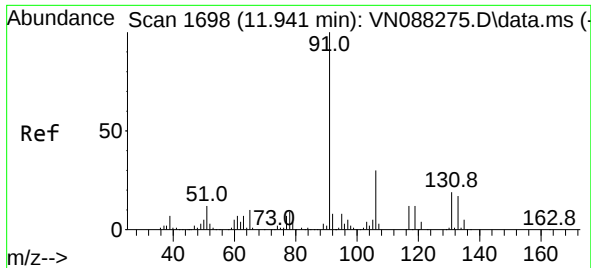
Tgt Ion:112 Resp: 51274
Ion Ratio Lower Upper
112 100
114 26.1 25.0 37.4



#65
1,1,1,2-Tetrachloroethane
Concen: 5.028 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion:131 Resp: 17465
Ion Ratio Lower Upper
131 100
133 90.7 0.0 181.4
119 67.3 0.0 135.0

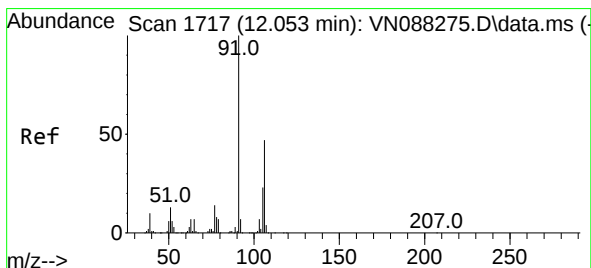
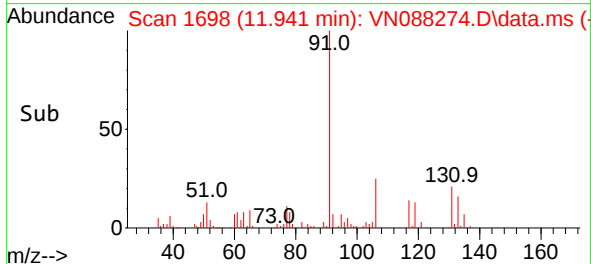
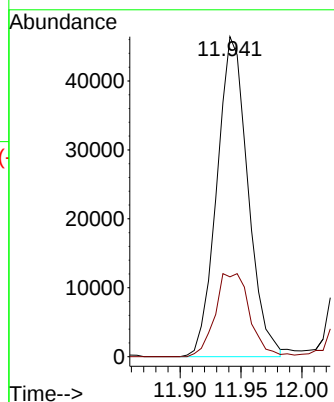
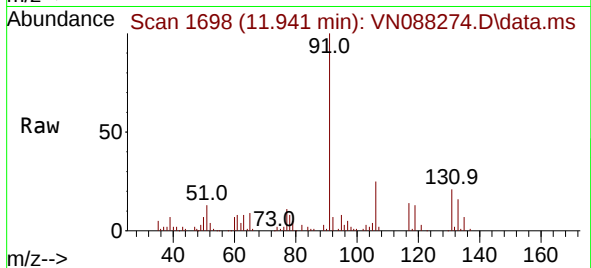




#66
Ethyl Benzene
Concen: 4.718 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

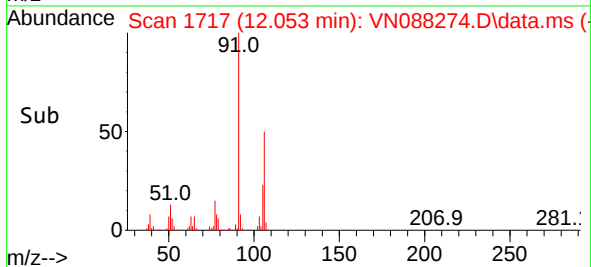
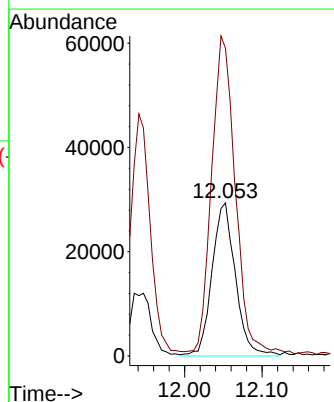
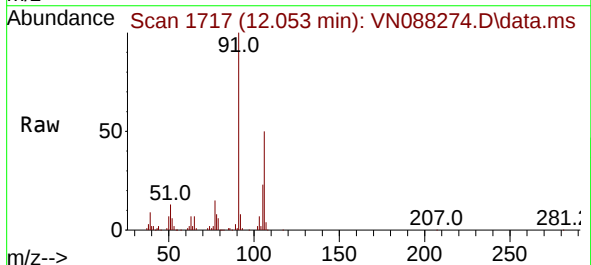
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

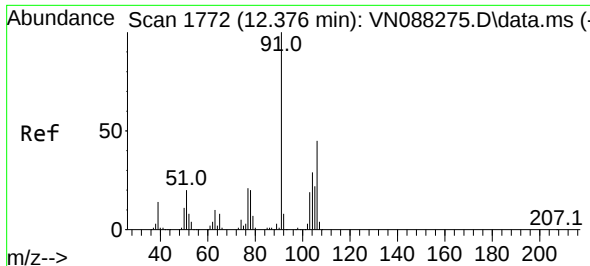
Tgt Ion: 91 Resp: 82280
Ion Ratio Lower Upper
91 100
106 24.9 24.4 36.6



#67
m/p-Xylenes
Concen: 9.227 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion:106 Resp: 61616
Ion Ratio Lower Upper
106 100
91 203.7 168.3 252.5

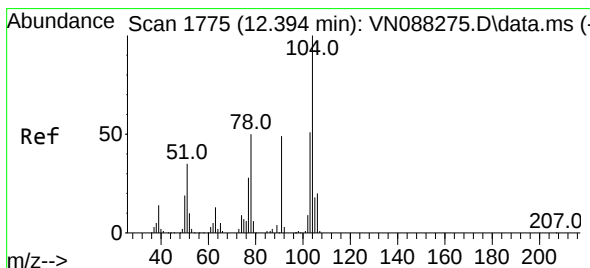
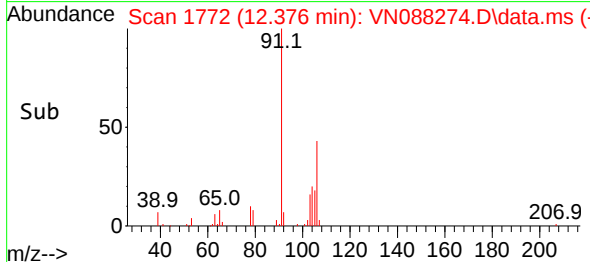
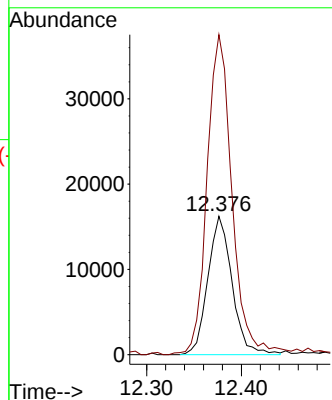
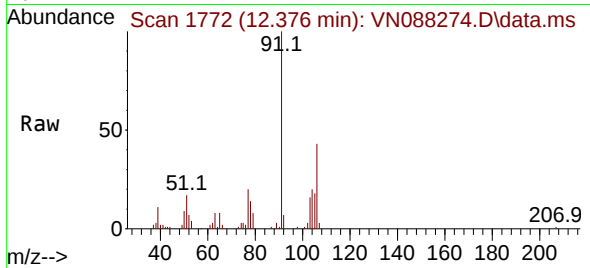




#68
o-Xylene
Concen: 4.411 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

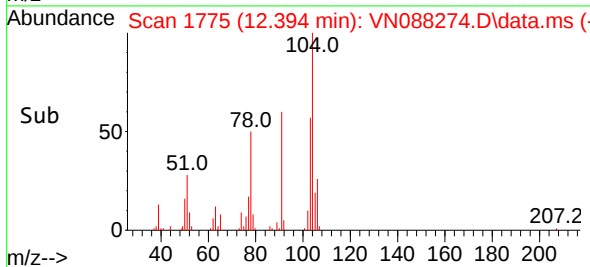
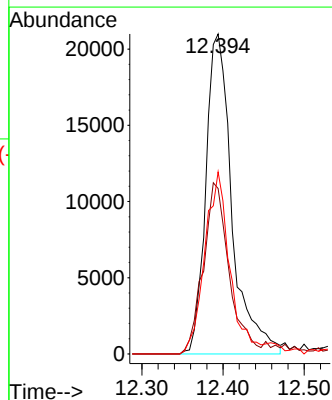
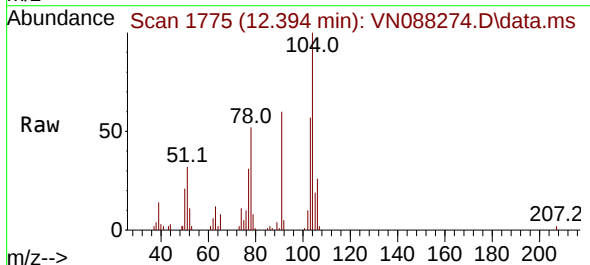
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

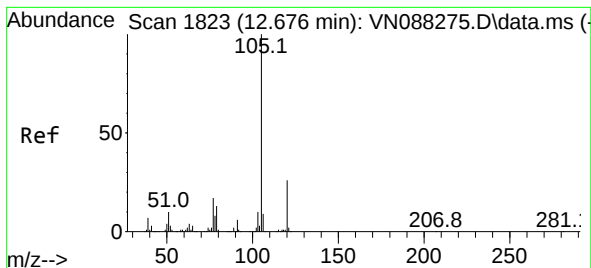
Tgt Ion:106 Resp: 28878
Ion Ratio Lower Upper
106 100
91 234.9 114.0 342.0



#69
Styrene
Concen: 4.312 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion:104 Resp: 47137
Ion Ratio Lower Upper
104 100
78 52.7 43.8 65.8
103 54.0 44.8 67.2





#70

Isopropylbenzene

Concen: 4.517 ug/l

RT: 12.670 min Scan# 1823

Delta R.T. -0.006 min

Lab File: VN088274.D

Acq: 13 Nov 2025 10:14

Instrument :

MSVOA_N

ClientSampleId :

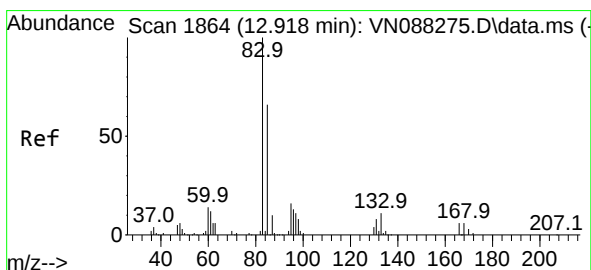
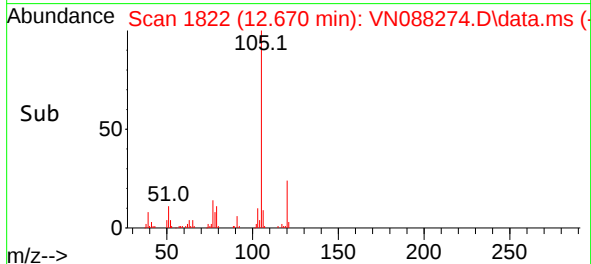
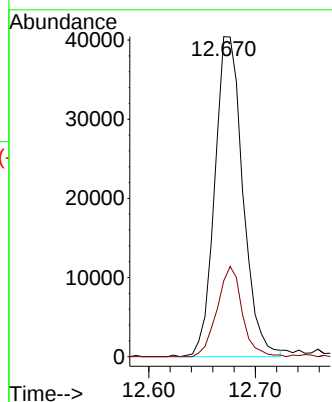
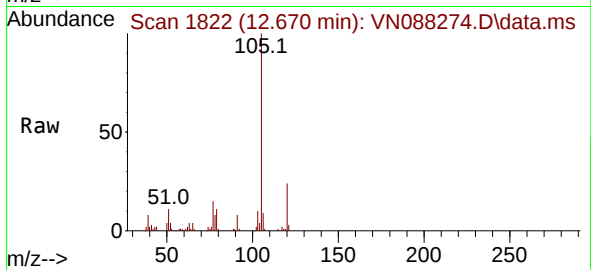
VSTDIC005

Tgt Ion:105 Resp: 74065

Ion Ratio Lower Upper

105 100

120 25.0 18.2 33.8



#71

1,1,2,2-Tetrachloroethane

Concen: 4.879 ug/l

RT: 12.917 min Scan# 1864

Delta R.T. -0.000 min

Lab File: VN088274.D

Acq: 13 Nov 2025 10:14

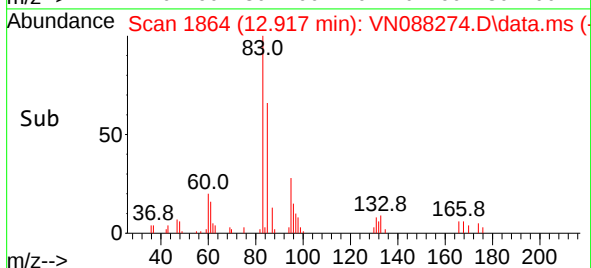
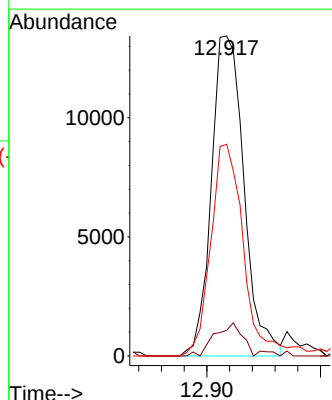
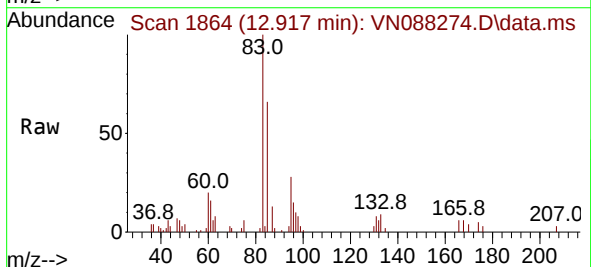
Tgt Ion: 83 Resp: 26814

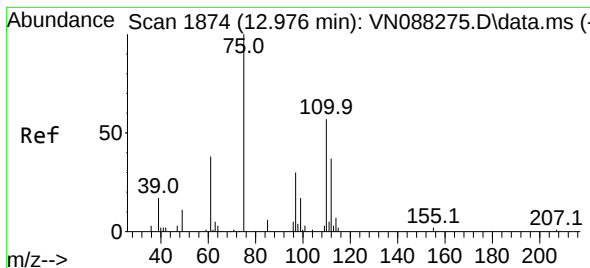
Ion Ratio Lower Upper

83 100

131 8.5 4.3 12.9

85 65.6 32.4 97.2





#72

1,2,3-Trichloropropane

Concen: 5.939 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN088274.D

Acq: 13 Nov 2025 10:14

Instrument :

MSVOA_N

ClientSampleId :

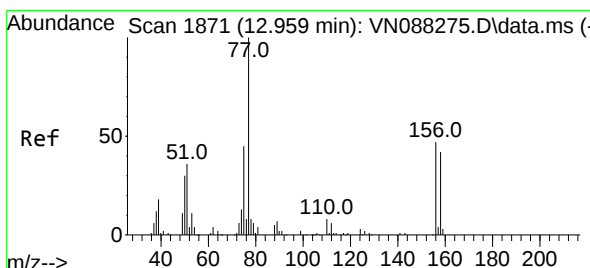
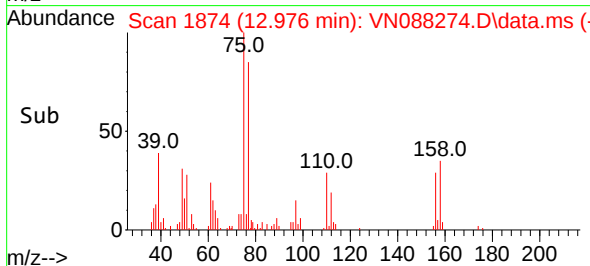
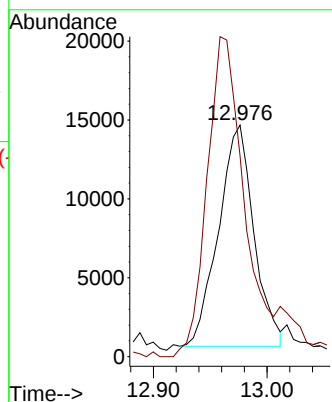
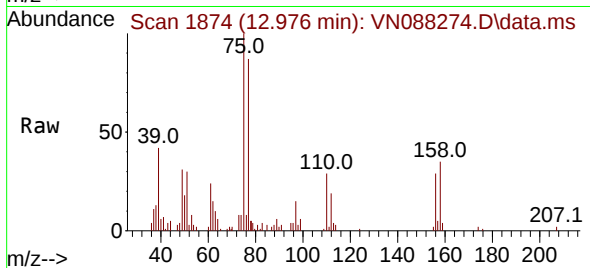
VSTDIC005

Tgt Ion: 75 Resp: 30293

Ion Ratio Lower Upper

75 100

77 150.3 0.0 386.6



#73

Bromobenzene

Concen: 4.642 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN088274.D

Acq: 13 Nov 2025 10:14

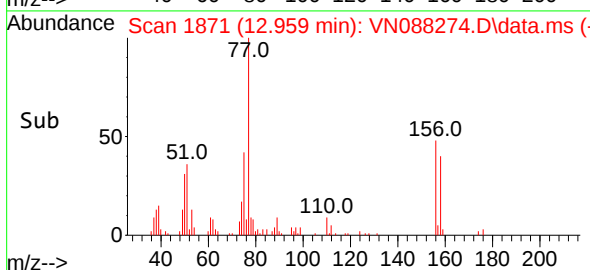
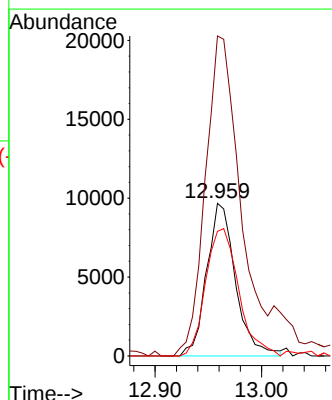
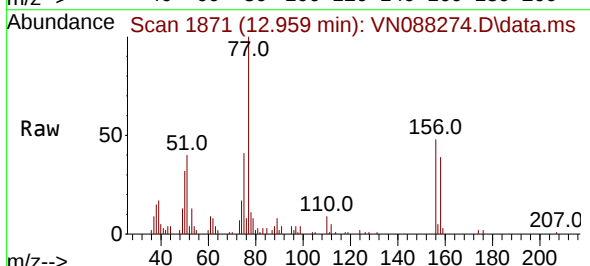
Tgt Ion: 156 Resp: 18184

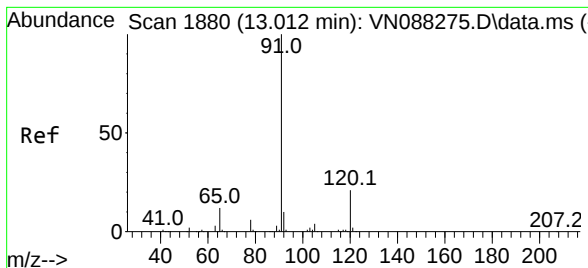
Ion Ratio Lower Upper

156 100

77 250.4 0.0 493.4

158 95.3 0.0 193.4





#74

n-propylbenzene

Concen: 4.685 ug/l

RT: 13.011 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN088274.D

Acq: 13 Nov 2025 10:14

Instrument :

MSVOA_N

ClientSampleId :

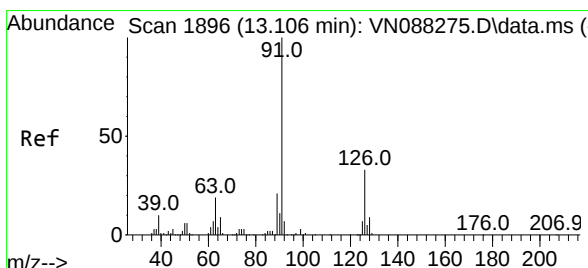
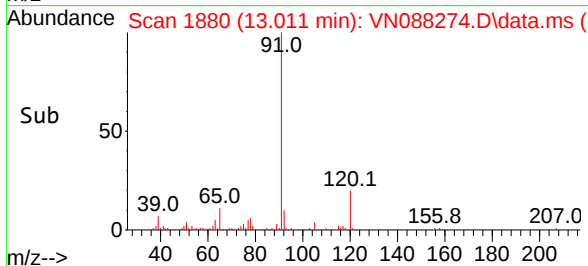
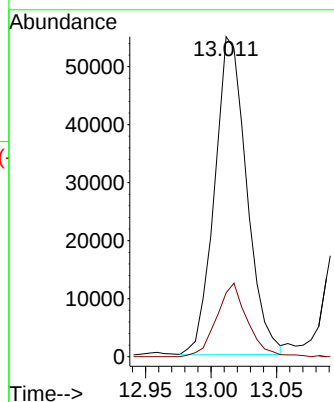
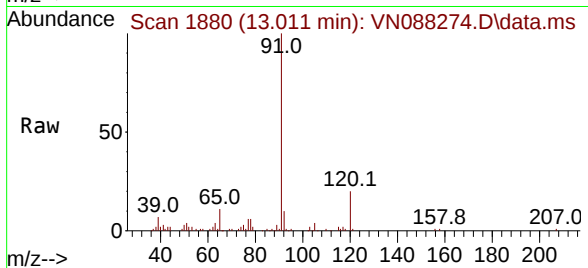
VSTDIC005

Tgt Ion: 91 Resp: 93306

Ion Ratio Lower Upper

91 100

120 22.0 0.0 43.2



#75

2-Chlorotoluene

Concen: 4.967 ug/l

RT: 13.106 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VN088274.D

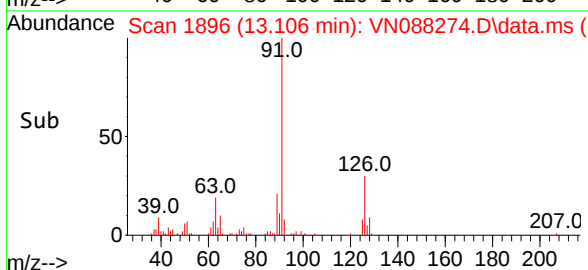
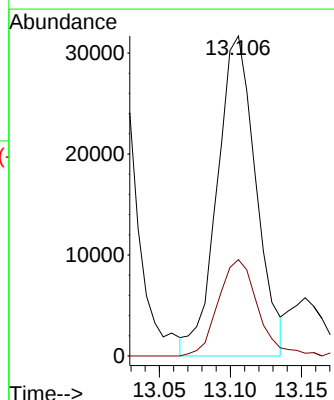
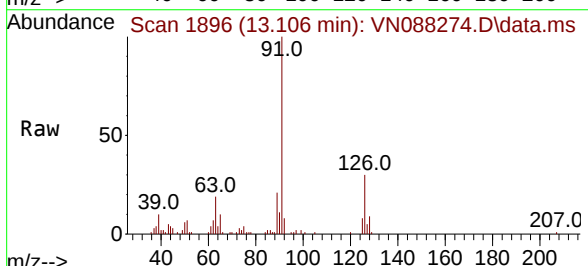
Acq: 13 Nov 2025 10:14

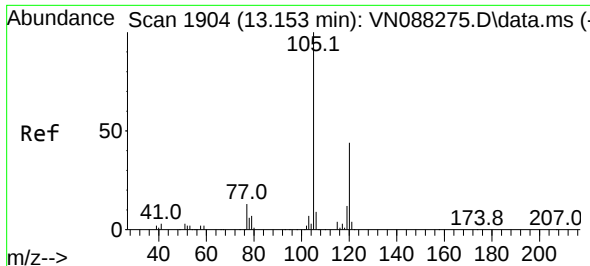
Tgt Ion: 91 Resp: 60165

Ion Ratio Lower Upper

91 100

126 30.7 0.0 62.0

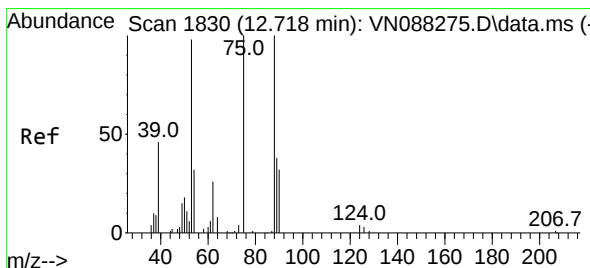
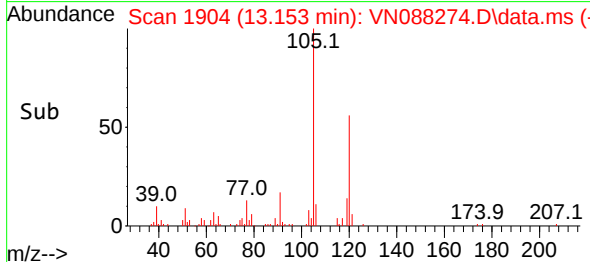
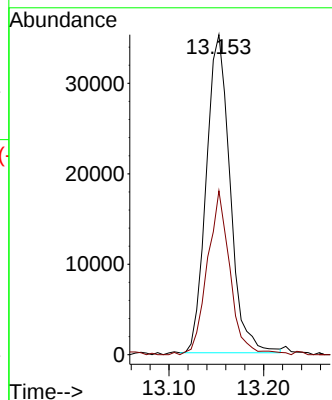
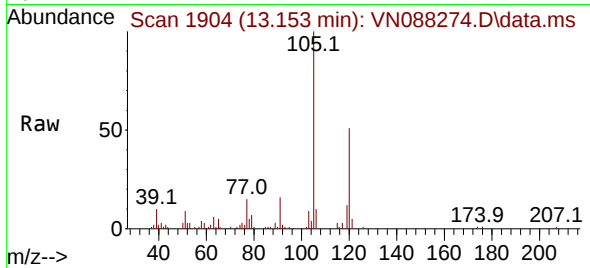




#76
1,3,5-Trimethylbenzene
Concen: 4.437 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

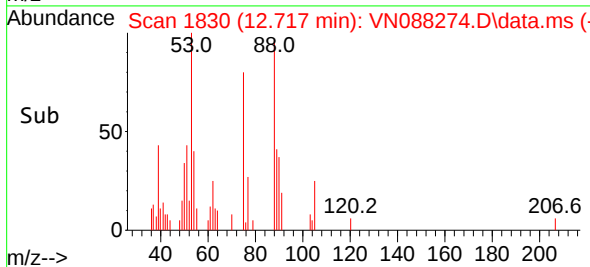
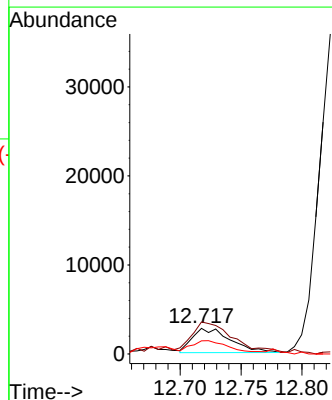
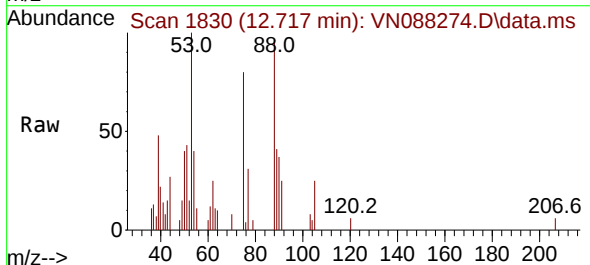
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

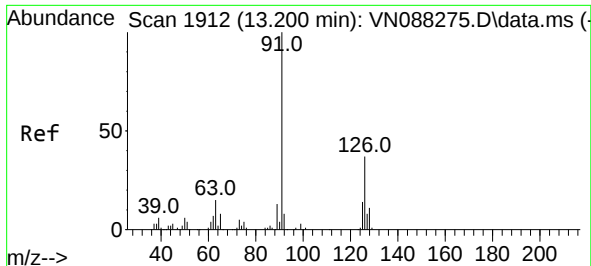
Tgt Ion:105 Resp: 61542
Ion Ratio Lower Upper
105 100
120 48.0 0.0 94.6



#77
t-1,4-Dichloro-2-butene
Concen: 2.955 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 75 Resp: 5928
Ion Ratio Lower Upper
75 100
53 121.7 50.0 150.0
89 47.5 22.3 66.9

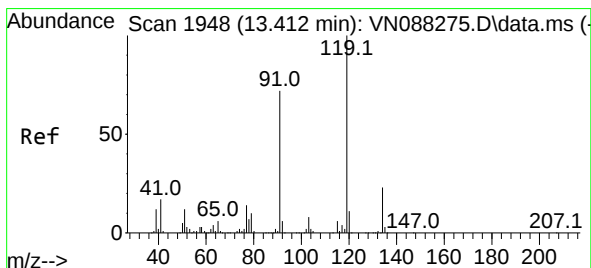
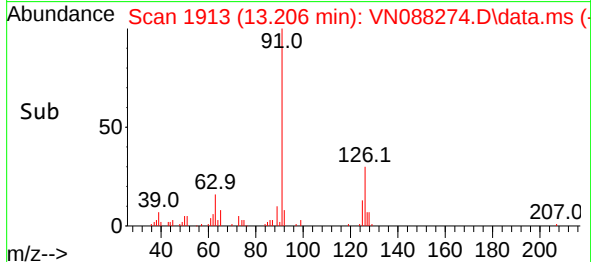
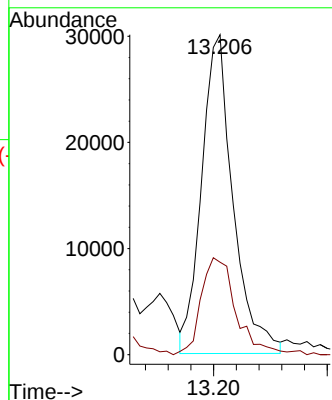
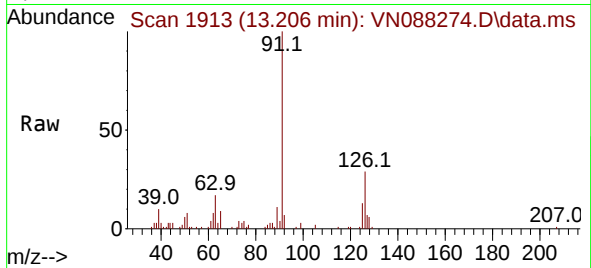




#78
4-Chlorotoluene
Concen: 4.703 ug/l
RT: 13.206 min Scan# 1913
Delta R.T. 0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

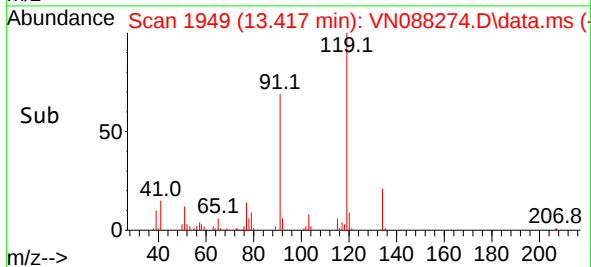
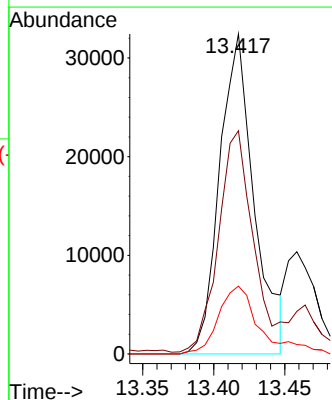
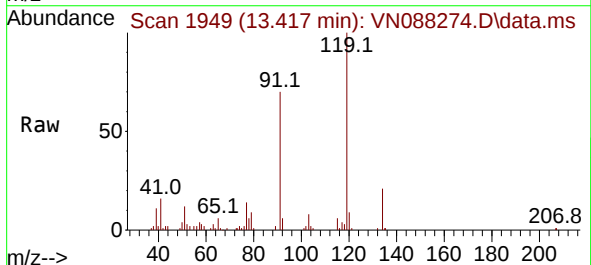
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

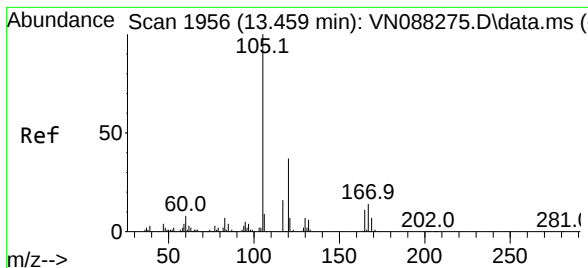
Tgt Ion: 91 Resp: 57871
Ion Ratio Lower Upper
91 100
126 31.7 0.0 60.8



#79
tert-butylbenzene
Concen: 4.578 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 119 Resp: 54661
Ion Ratio Lower Upper
119 100
91 69.4 0.0 140.8
134 22.7 0.0 48.4

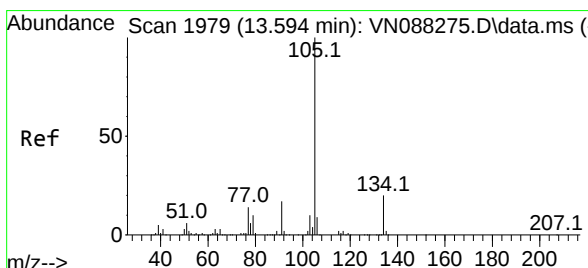
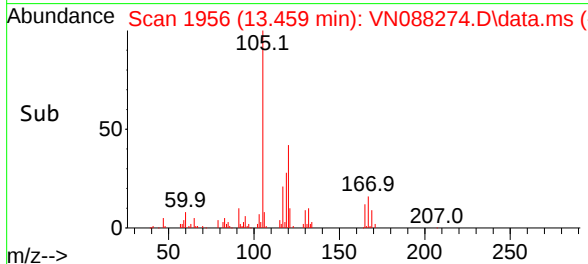
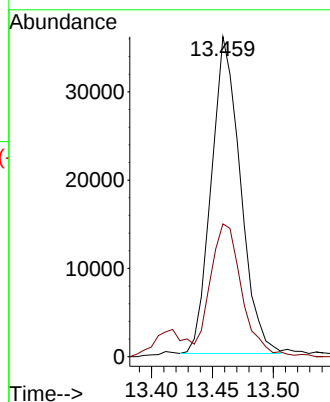
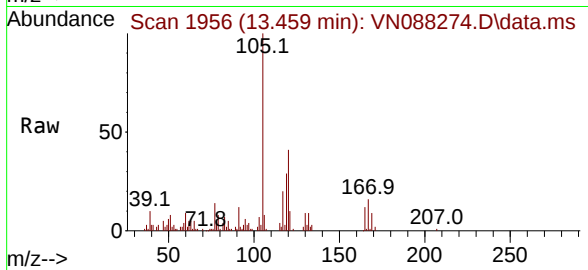




#80
1,2,4-Trimethylbenzene
Concen: 4.320 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

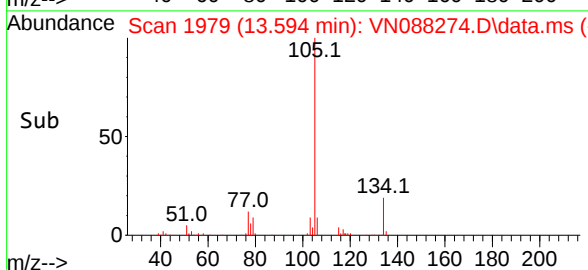
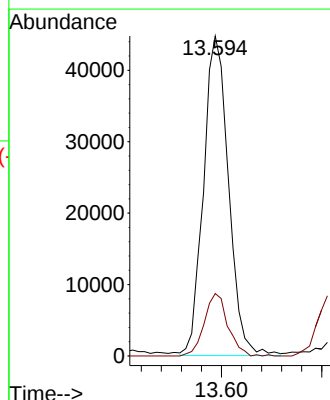
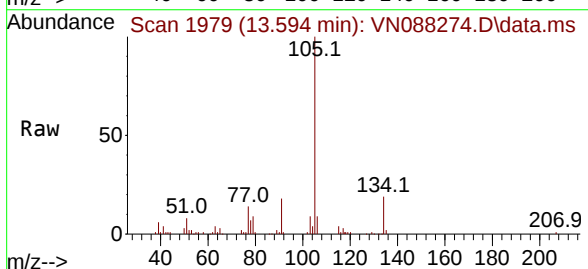
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

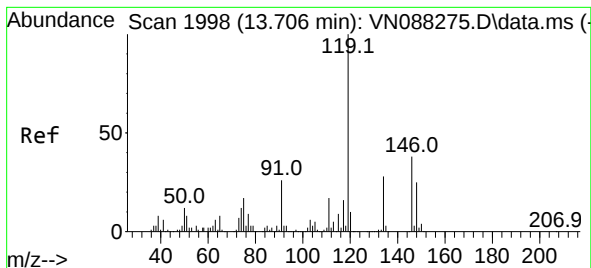
Tgt Ion:105 Resp: 59703
Ion Ratio Lower Upper
105 100
120 45.1 0.0 89.2



#81
sec-Butylbenzene
Concen: 4.567 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion:105 Resp: 77820
Ion Ratio Lower Upper
105 100
134 18.2 0.0 38.4

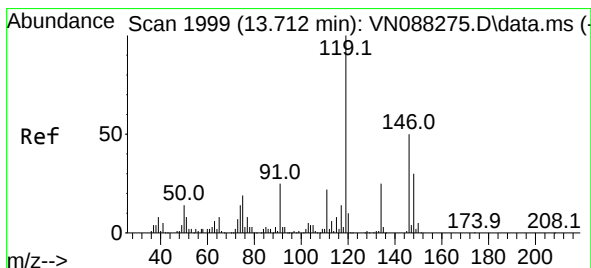
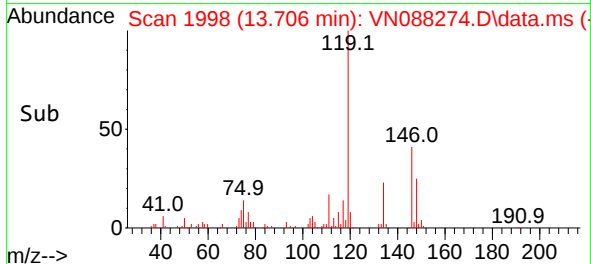
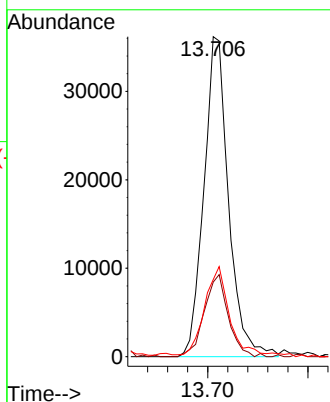
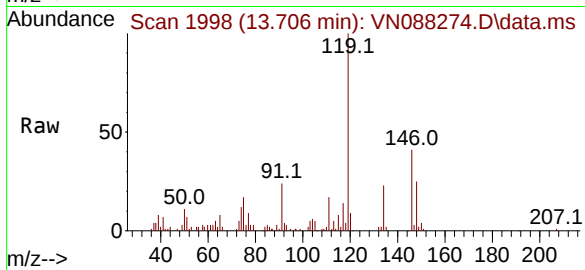




#82
 p-Isopropyltoluene
 Concen: 4.288 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088274.D
 Acq: 13 Nov 2025 10:14

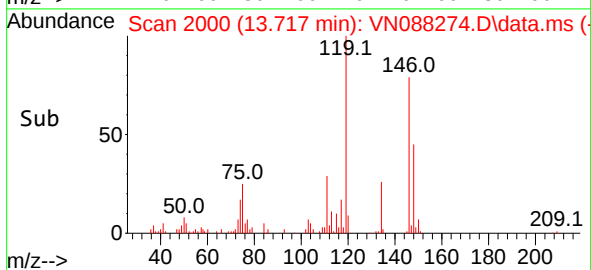
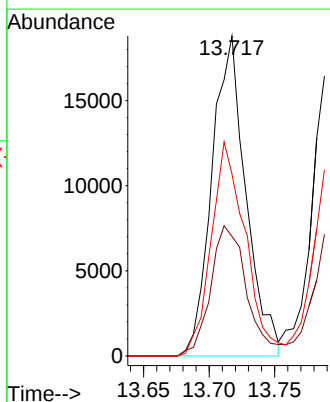
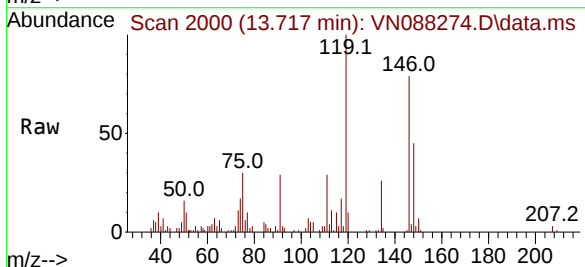
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

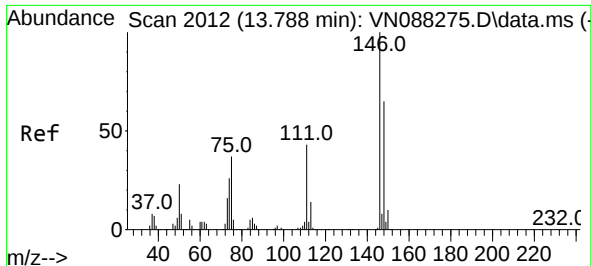
Tgt Ion:119 Resp: 61858
 Ion Ratio Lower Upper
 119 100
 134 24.7 0.0 51.2
 91 25.5 0.0 53.4



#83
 1,3-Dichlorobenzene
 Concen: 4.543 ug/l
 RT: 13.717 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VN088274.D
 Acq: 13 Nov 2025 10:14

Tgt Ion:146 Resp: 33873
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.1 66.5
 148 67.6 31.4 94.3

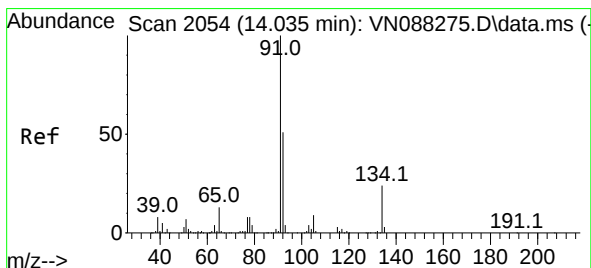
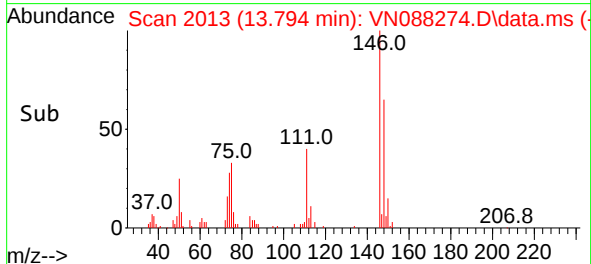
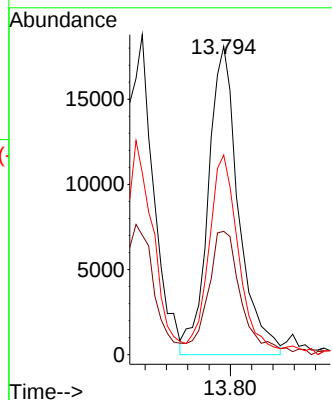
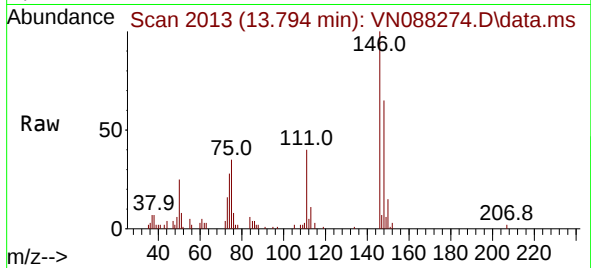




#84
1,4-Dichlorobenzene
Concen: 4.716 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

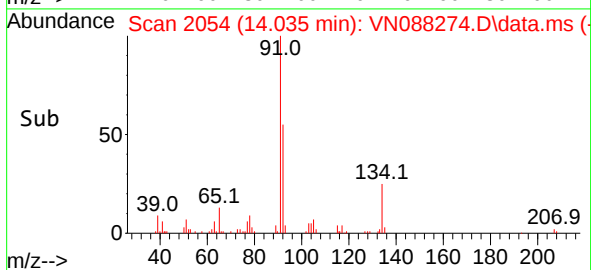
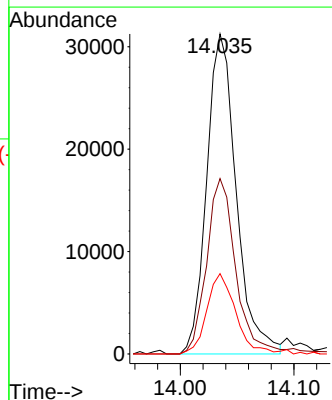
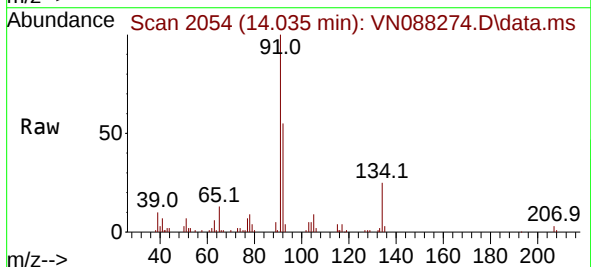
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

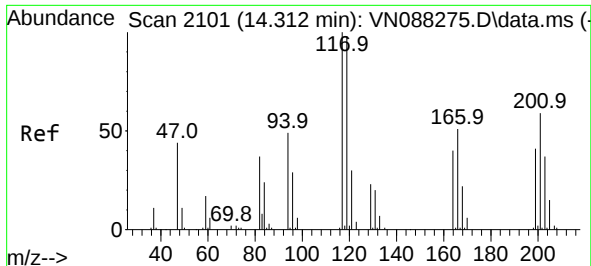
Tgt Ion:146 Resp: 35917
Ion Ratio Lower Upper
146 100
111 35.2 21.8 65.3
148 63.6 31.9 95.5



#85
n-Butylbenzene
Concen: 4.165 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion: 91 Resp: 56470
Ion Ratio Lower Upper
91 100
92 53.8 0.0 102.4
134 23.9 0.0 45.8

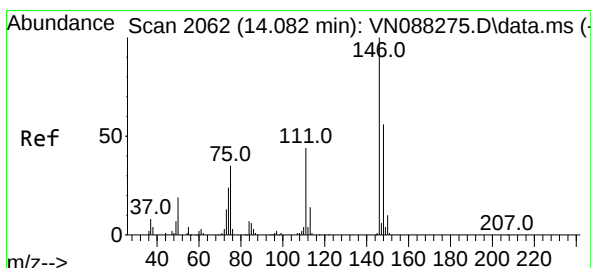
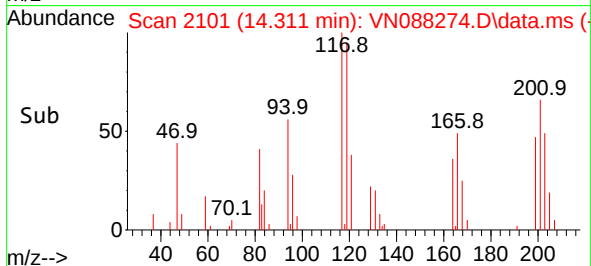
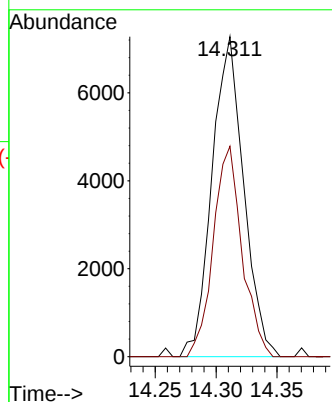
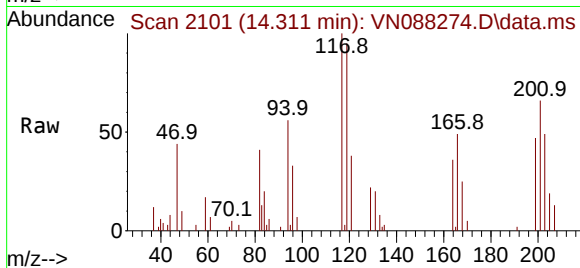




#86
Hexachloroethane
Concen: 4.616 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

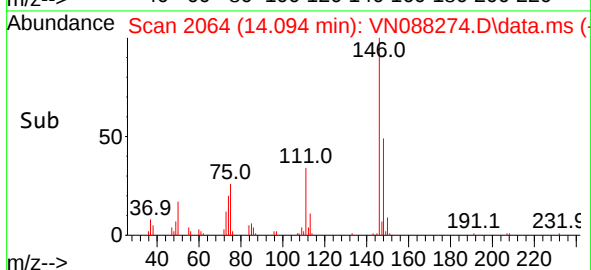
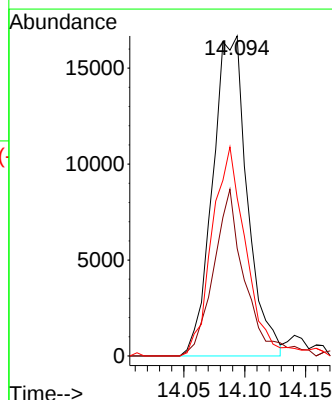
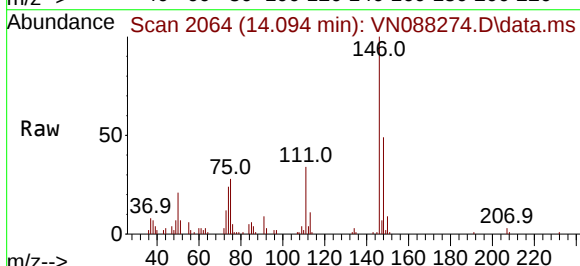
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

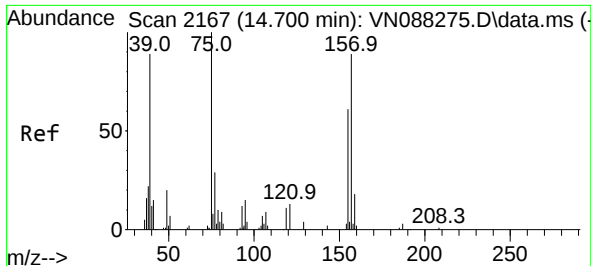
Tgt Ion:117 Resp: 13194
Ion Ratio Lower Upper
117 100
201 59.8 30.6 92.0



#87
1,2-Dichlorobenzene
Concen: 4.551 ug/l
RT: 14.094 min Scan# 2064
Delta R.T. 0.012 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion:146 Resp: 33084
Ion Ratio Lower Upper
146 100
111 44.2 23.0 69.0
148 62.9 31.1 93.2





#88

1,2-Dibromo-3-Chloropropane

Concen: 4.899 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. -0.000 min

Lab File: VN088274.D

Acq: 13 Nov 2025 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

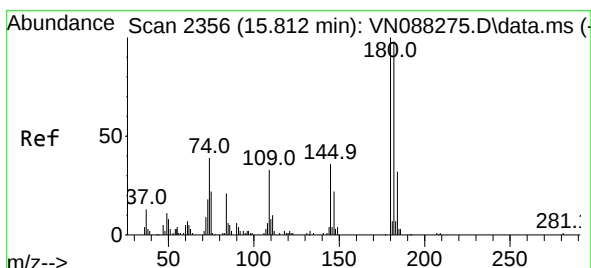
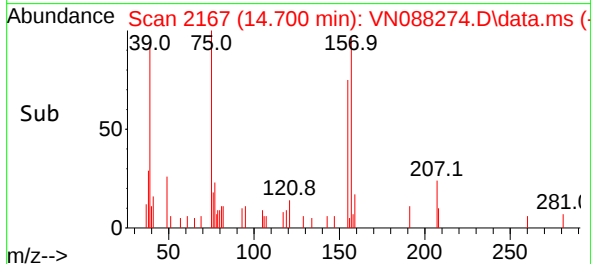
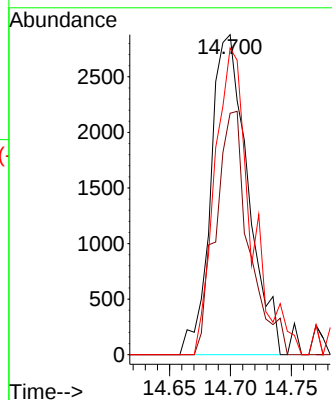
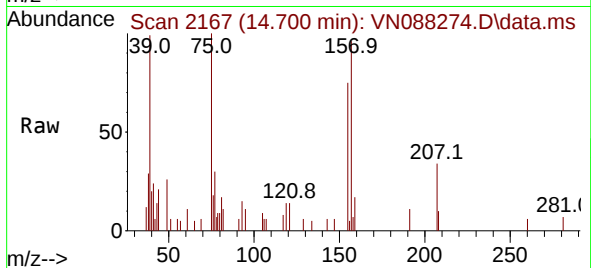
Tgt Ion: 75 Resp: 6096

Ion Ratio Lower Upper

75 100

155 66.7 54.8 82.2

157 88.5 70.7 106.1



#89

1,2,4-Trichlorobenzene

Concen: 4.257 ug/l

RT: 15.817 min Scan# 2357

Delta R.T. 0.006 min

Lab File: VN088274.D

Acq: 13 Nov 2025 10:14

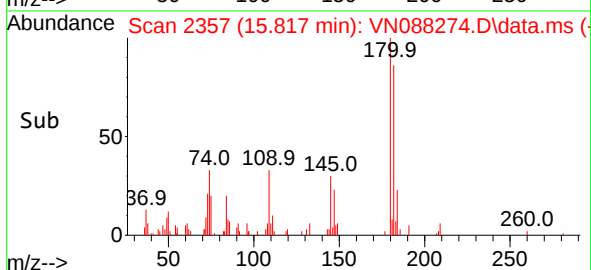
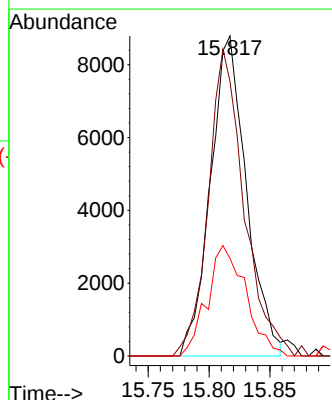
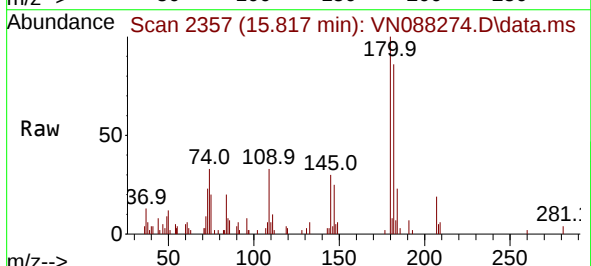
Tgt Ion: 180 Resp: 18113

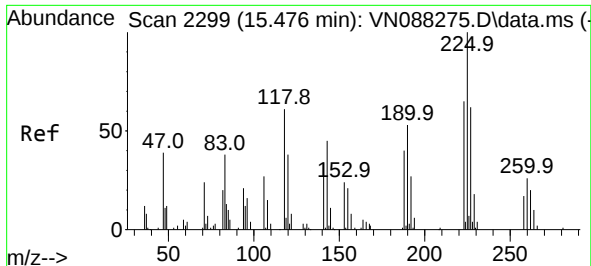
Ion Ratio Lower Upper

180 100

182 94.7 77.3 115.9

145 37.0 30.2 45.4

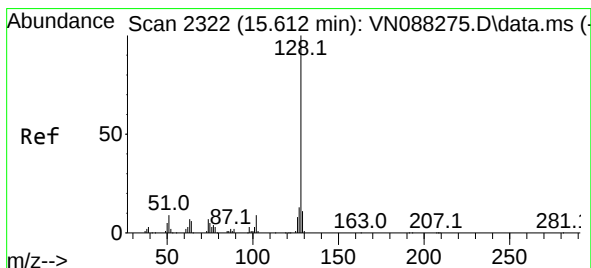
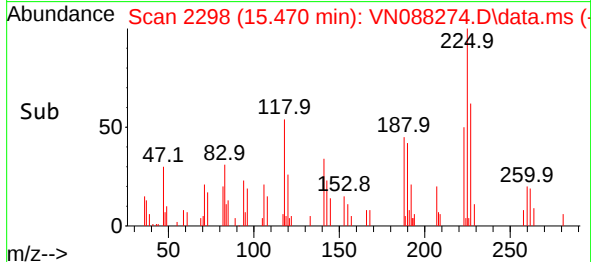
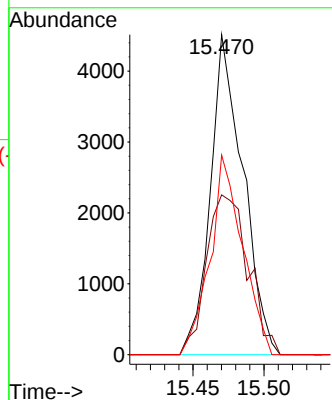
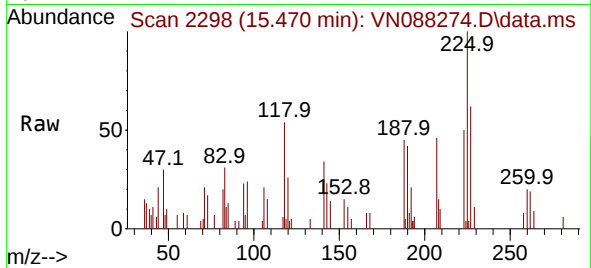




#90
Hexachlorobutadiene
Concen: 4.707 ug/l
RT: 15.470 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

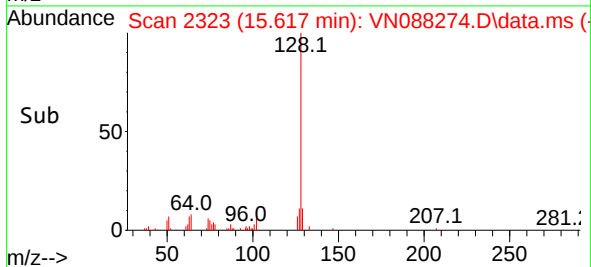
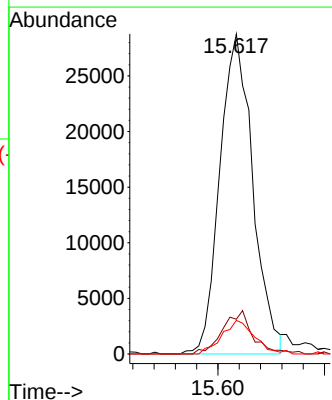
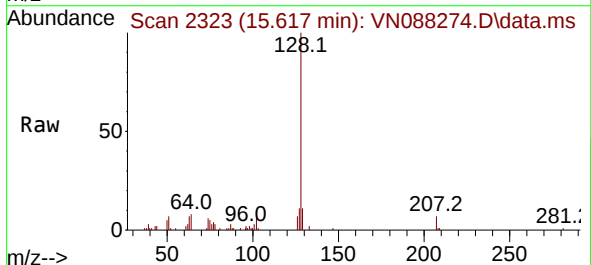
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

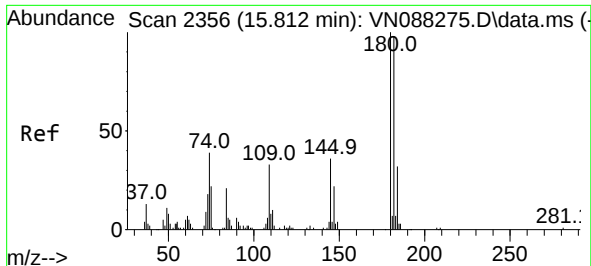
Tgt Ion:225 Resp: 7223
Ion Ratio Lower Upper
225 100
223 63.9 0.0 132.0
227 62.0 0.0 132.6



#91
Naphthalene
Concen: 3.973 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN088274.D
Acq: 13 Nov 2025 10:14

Tgt Ion:128 Resp: 61691
Ion Ratio Lower Upper
128 100
127 12.3 10.6 16.0
129 10.2 8.8 13.2





#92
 1,2,3-Trichlorobenzene
 Concen: 4.257 ug/l
 RT: 15.817 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN088274.D
 Acq: 13 Nov 2025 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:180	Resp:	18113
Ion Ratio	Lower	Upper
180	100	
182	94.7	0.0 193.2
145	37.0	0.0 75.6

