

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071025\
 Data File : VN087317.D
 Acq On : 10 Jul 2025 11:16
 Operator : JC\MD
 Sample : VN0710WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 11 01:07:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	44567	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	228909	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	216531	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	92633	27.587	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	91.967%
60) 4-Bromofluorobenzene	12.847	95	102398	30.646	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.167%
63) Toluene-d8	10.571	98	286529	29.472	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.233%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	43577	16.243	ug/l	96
3) Chloromethane	2.401	50	36610	13.361	ug/l	95
4) Vinyl Chloride	2.554	62	43969	14.764	ug/l	96
5) Bromomethane	2.995	94	39190	24.796	ug/l	97
6) Chloroethane	3.154	64	36026	22.551	ug/l	94
7) Trichlorofluoromethane	3.530	101	72649	19.888	ug/l	91
8) Diethyl Ether	3.983	74	26018	14.497	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.401	101	46315	17.101	ug/l #	88
10) 1,1-Dichloroethene	4.371	96	42967	15.916	ug/l	88
11) Methyl Iodide	4.612	142	47066	19.460	ug/l	87
12) Methyl Acetate	5.036	43	59745	14.109	ug/l	94
13) Acrolein	4.201	56	67771	104.152	ug/l	98
14) Acrylonitrile	5.736	53	132992	67.330	ug/l	99
15) Acetone	4.442	58	45904	79.671	ug/l	93
16) Carbon Disulfide	4.736	76	108774	13.780	ug/l	100
17) Allyl chloride	5.054	41	54966	12.344	ug/l	93
18) Methylene Chloride	5.301	84	51589	16.495	ug/l	88
19) trans-1,2-Dichloroethene	5.806	96	48114	16.297	ug/l	92
20) Diisopropyl ether	6.689	45	125943	13.331	ug/l #	97
21) 1,1-Dichloroethane	6.589	63	85912	15.216	ug/l	98
22) cis-1,2-Dichloroethene	7.500	96	58139	16.920	ug/l	91
23) tert-Butyl Alcohol	5.536	59	52702	70.947	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	151453	15.996	ug/l	99
25) Chloroform	7.971	83	97171	17.963	ug/l	95
26) Cyclohexane	8.271	56	60030	12.790	ug/l #	88
29) 1,1-Dichloropropene	8.383	75	59144	16.577	ug/l	93
30) 2-Butanone	7.489	43	183880	76.402	ug/l	93
31) 2,2-Dichloropropane	7.500	77	84366	19.589	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	85453	20.501	ug/l	97
33) Carbon Tetrachloride	8.371	117	75644	21.565	ug/l	97
34) Benzene	8.612	78	196655	17.398	ug/l	96
35) Methacrylonitrile	7.783	41	33622	13.862	ug/l	94
36) 1,2-Dichloroethane	8.677	62	69238	18.959	ug/l	98
37) Trichloroethene	9.353	130	51472	19.743	ug/l	84
38) Methylcyclohexane	9.606	83	65722	16.054	ug/l	94
39) 1,2-Dichloropropane	9.624	63	46064	16.237	ug/l	95
40) Dibromomethane	9.712	93	39073	20.255	ug/l	97
41) Bromodichloromethane	9.888	83	76390	19.618	ug/l	97
42) Vinyl Acetate	6.618	43	559364	71.458	ug/l #	94

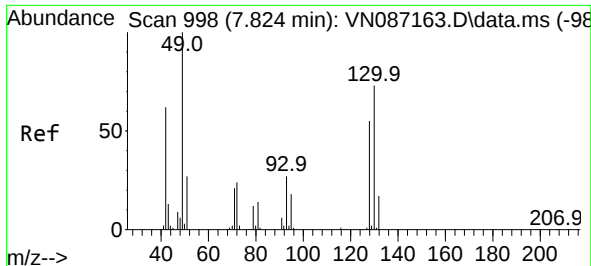
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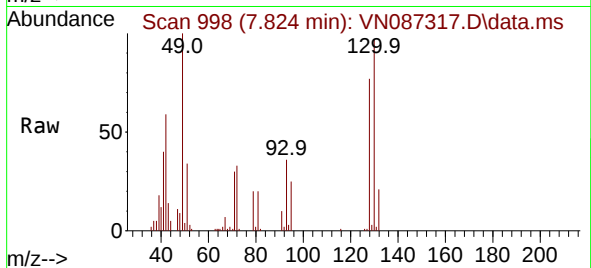
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	63729	14.668	ug/l	95
44) Isopropyl Acetate	8.694	43	106403	15.031	ug/l	93
45) 1,4-Dioxane	9.706	88	17854	372.856	ug/l	87
46) Methyl methacrylate	9.688	41	45783	13.913	ug/l	93
47) n-amyl Acetate	12.541	43	19833	4.583	ug/l #	100
48) t-1,3-Dichloropropene	10.835	75	75525	17.399	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	79726	17.277	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	51568	18.818	ug/l	97
51) Ethyl methacrylate	10.883	69	64033	15.353	ug/l	89
52) 1,3-Dichloropropane	11.165	76	84603	17.983	ug/l	100
53) Dibromochloromethane	11.359	129	60422	21.005	ug/l	100
54) 1,2-Dibromoethane	11.471	107	55248	19.542	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	158012	66.094	ug/l	94
56) Bromoform	12.577	173	41253	20.862	ug/l #	99
58) 4-Methyl-2-Pentanone	10.447	43	314125	72.162	ug/l #	94
59) 2-Hexanone	11.206	43	190995	67.948	ug/l	97
61) Tetrachloroethene	11.106	164	42345	19.748	ug/l	98
62) Toluene	10.630	91	222388	18.185	ug/l	100
64) Chlorobenzene	11.894	112	150496	19.292	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	54599	21.183	ug/l	98
66) Ethyl Benzene	11.965	91	239575	17.898	ug/l	93
67) m/p-Xylenes	12.071	106	197128	38.431	ug/l	95
68) o-Xylene	12.400	106	90109	18.413	ug/l	97
69) Styrene	12.412	104	155538	18.513	ug/l	99
70) Isopropylbenzene	12.694	105	236446	19.400	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	81718	18.628	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	107645	28.455	ug/l	52
73) Bromobenzene	12.982	156	59653	20.177	ug/l	88
74) n-propylbenzene	13.035	91	283072	19.012	ug/l	95
75) 2-Chlorotoluene	13.124	91	170964	19.005	ug/l	91
76) 1,3,5-Trimethylbenzene	13.171	105	198006	19.957	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	27358	16.303	ug/l	99
78) 4-Chlorotoluene	13.218	91	178513	19.376	ug/l	93
79) tert-butylbenzene	13.435	119	172022	20.626	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	200752	20.149	ug/l	100
81) sec-Butylbenzene	13.612	105	244608	20.176	ug/l	98
82) p-Isopropyltoluene	13.724	119	210330	20.846	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	124627	21.891	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	122230	21.332	ug/l	98
85) n-Butylbenzene	14.053	91	177875	19.323	ug/l	97
86) Hexachloroethane	14.329	117	40482	21.196	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	116209	21.648	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.718	75	18912	19.145	ug/l	89
89) 1,2,4-Trichlorobenzene	15.835	180	59688	19.653	ug/l	96
90) Hexachlorobutadiene	15.494	225	17215	19.102	ug/l	94
91) Naphthalene	15.635	128	223133	18.668	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	59688	19.653	ug/l	96

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

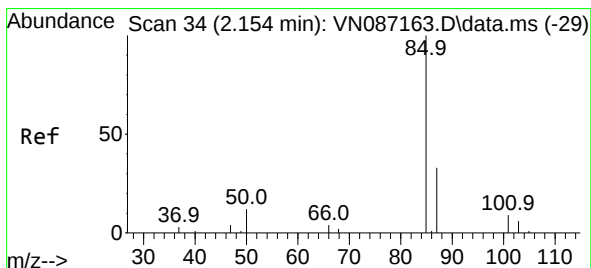
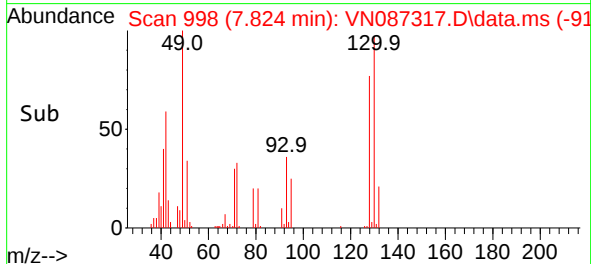
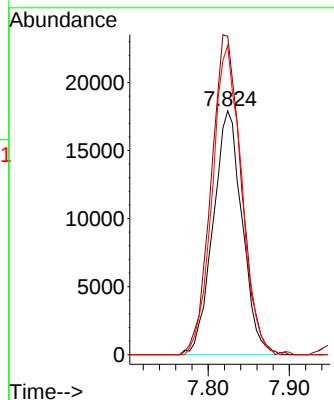


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :

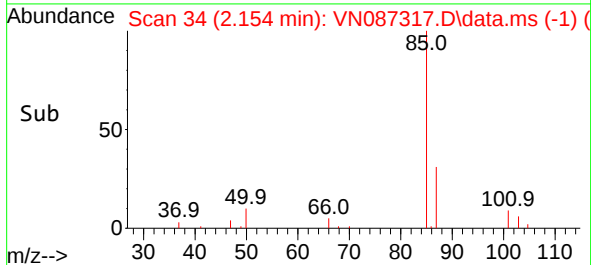
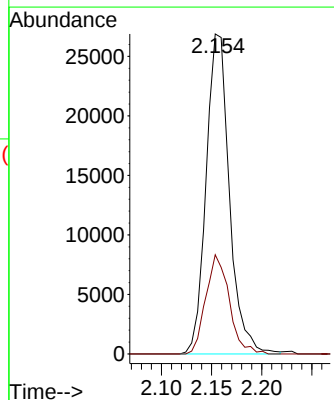
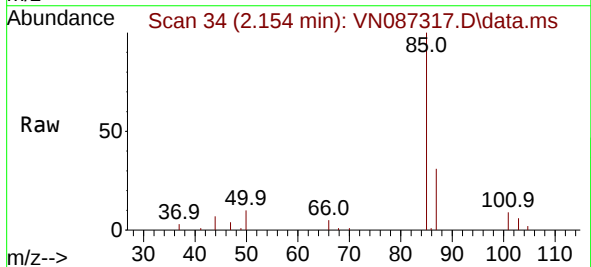


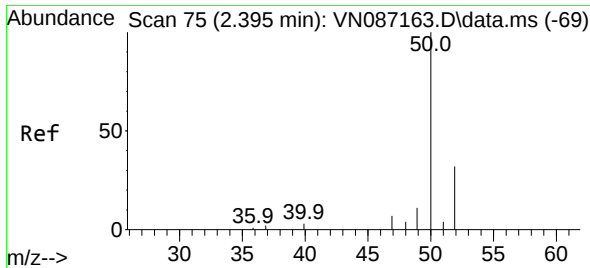
Tgt Ion	Ratio	Lower	Upper
128	100		
49	135.7	0.0	450.5
130	127.3	0.0	320.7



#2
Dichlorodifluoromethane
Concen: 16.243 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.0	16.7	50.0

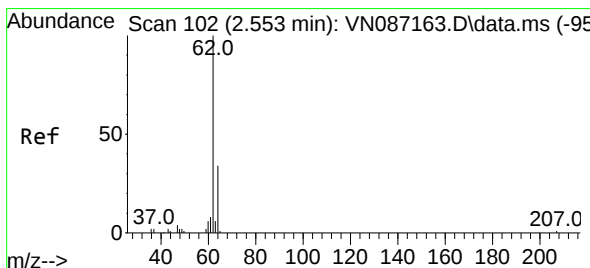
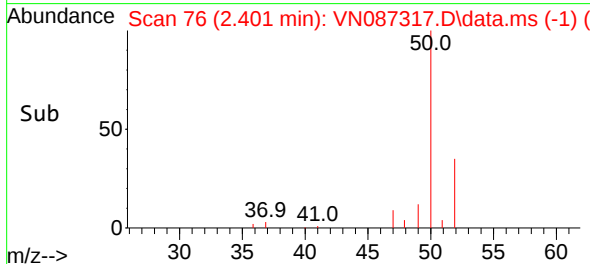
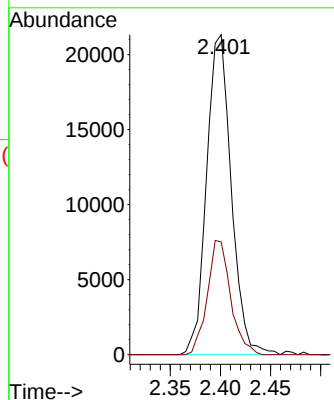
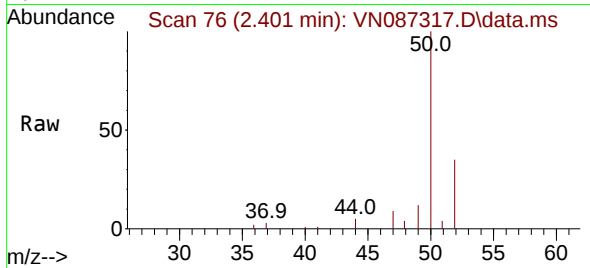




#3
Chloromethane
Concen: 13.361 ug/l
RT: 2.401 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

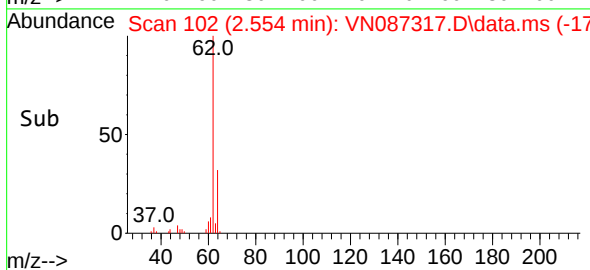
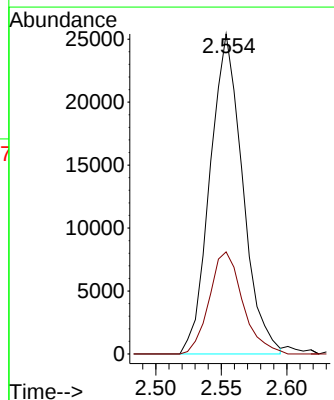
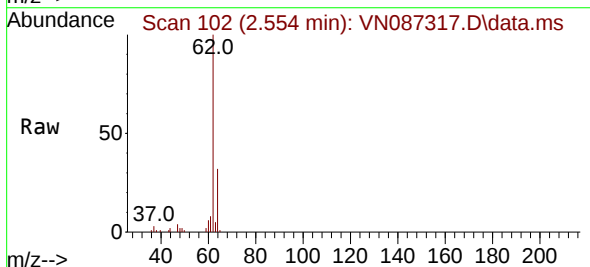
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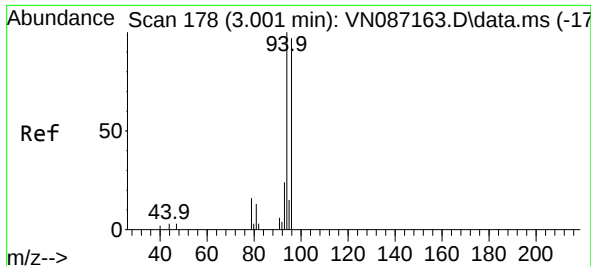
Tgt Ion: 50 Resp: 36610
Ion Ratio Lower Upper
50 100
52 35.2 25.9 38.9



#4
Vinyl Chloride
Concen: 14.764 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion: 62 Resp: 43969
Ion Ratio Lower Upper
62 100
64 31.9 27.4 41.2

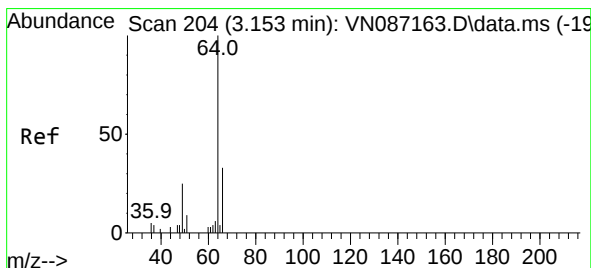
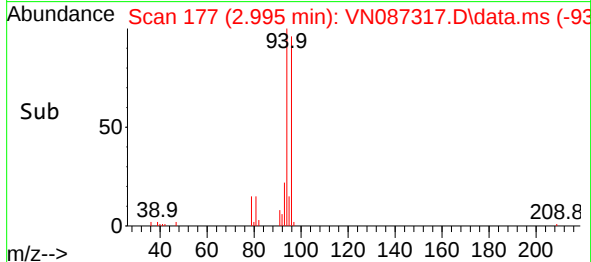
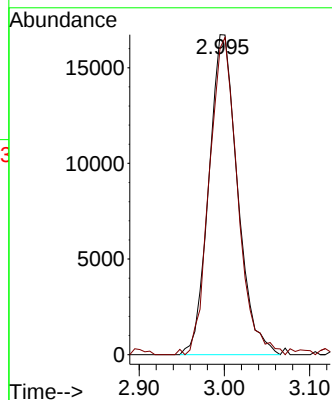
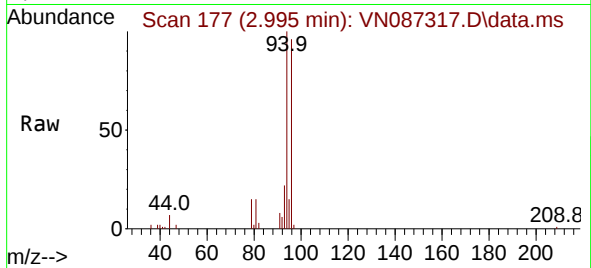




#5
Bromomethane
Concen: 24.796 ug/l
RT: 2.995 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

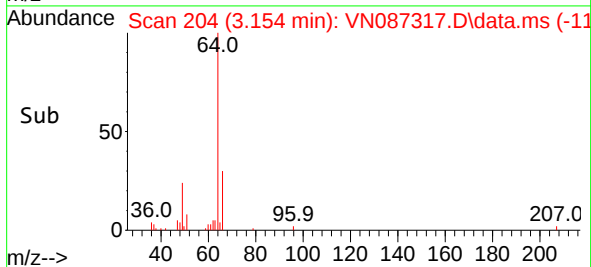
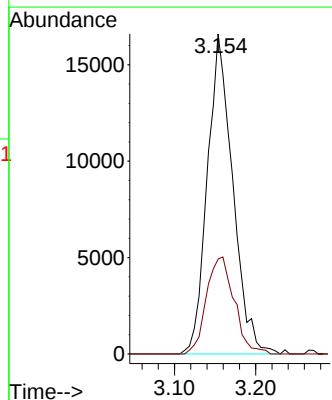
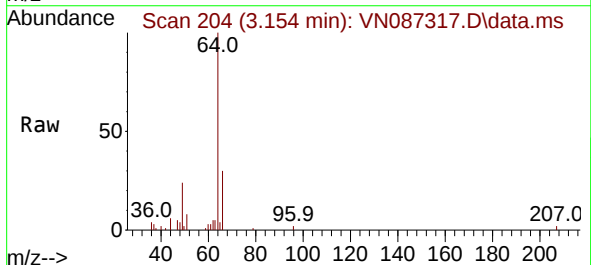
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ClientSampleId :

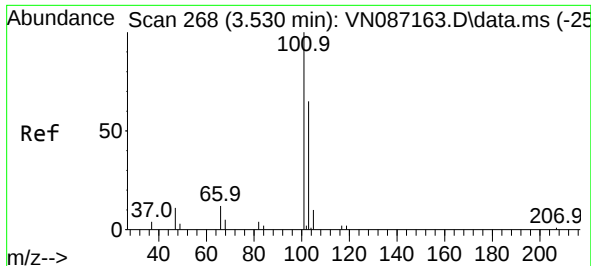
Tgt Ion: 94 Resp: 39190
Ion Ratio Lower Upper
94 100
96 94.2 77.9 116.9



#6
Chloroethane
Concen: 22.551 ug/l
RT: 3.154 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion: 64 Resp: 36026
Ion Ratio Lower Upper
64 100
66 29.6 26.4 39.6

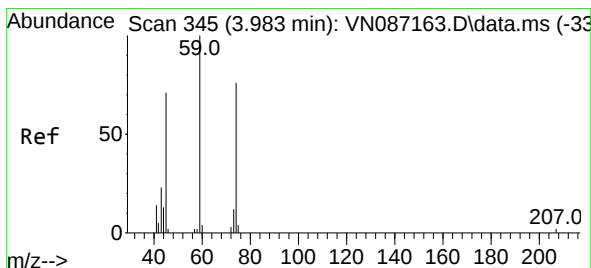
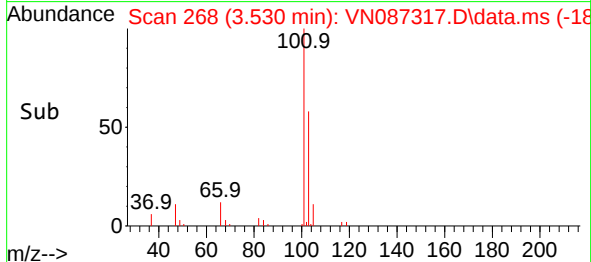
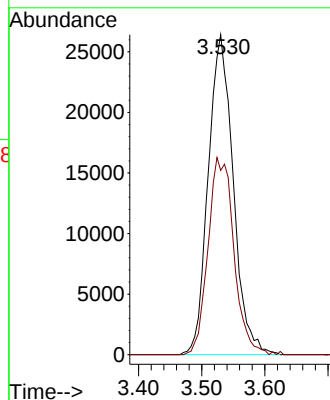
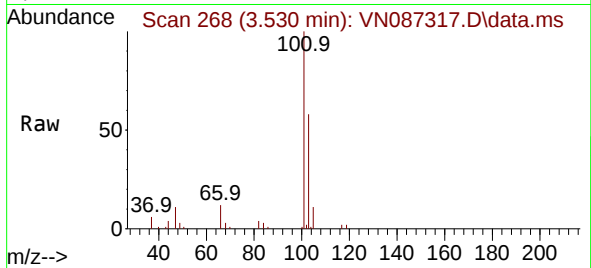




#7
 Trichlorofluoromethane
 Concen: 19.888 ug/l
 RT: 3.530 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087317.D
 Acq: 10 Jul 2025 11:16

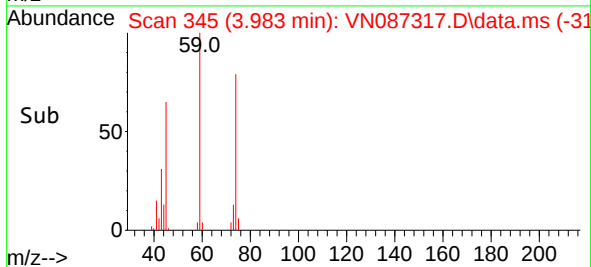
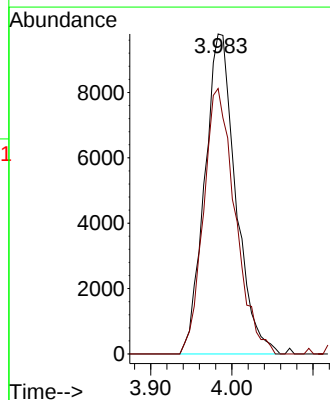
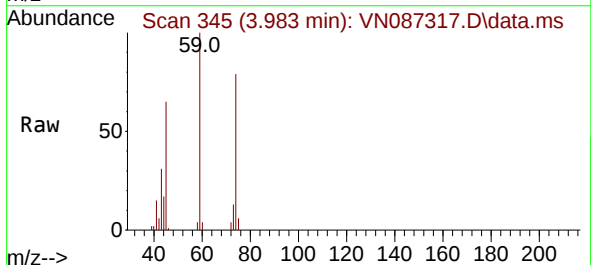
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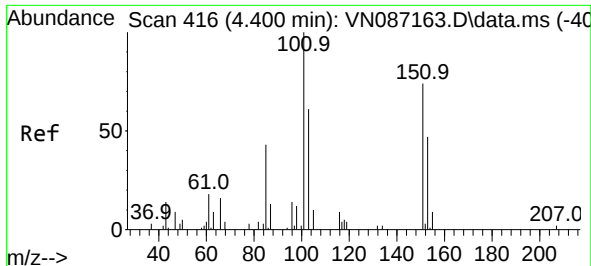
Tgt Ion:101 Resp: 72649
 Ion Ratio Lower Upper
 101 100
 103 57.6 51.8 77.8



#8
 Diethyl Ether
 Concen: 14.497 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. 0.000 min
 Lab File: VN087317.D
 Acq: 10 Jul 2025 11:16

Tgt Ion: 74 Resp: 26018
 Ion Ratio Lower Upper
 74 100
 45 84.5 19.0 171.0

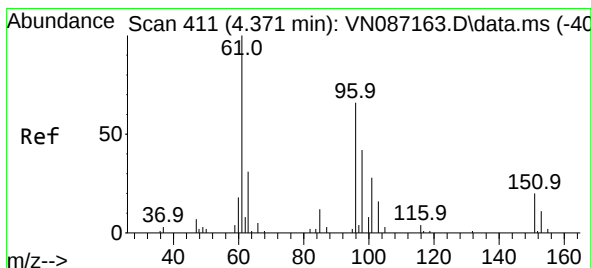
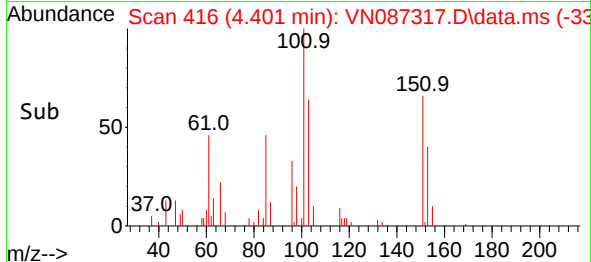
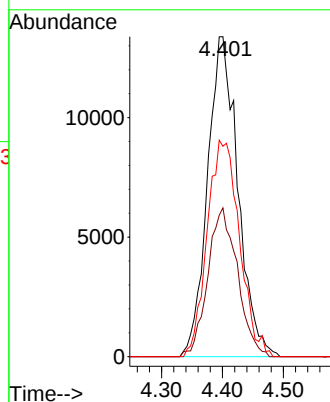
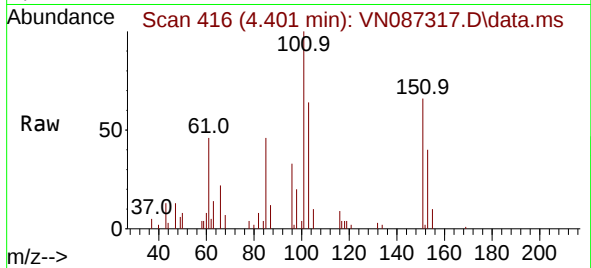




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.101 ug/l
 RT: 4.401 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VN087317.D
 Acq: 10 Jul 2025 11:16

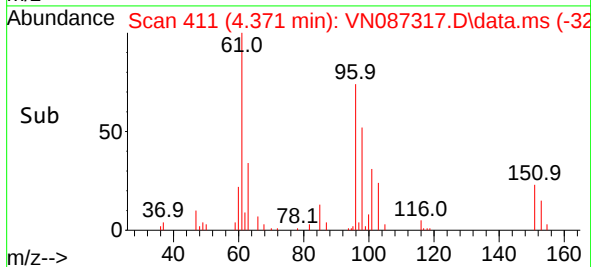
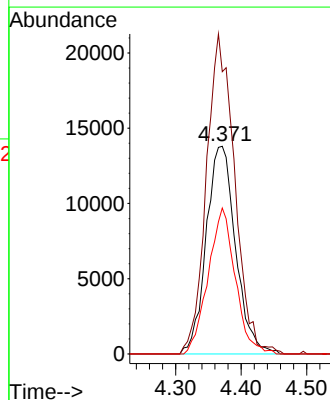
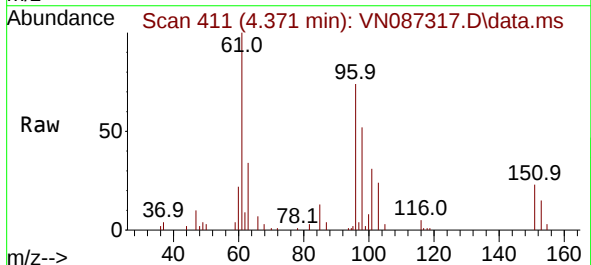
Instrument :
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 ClientSampleId :

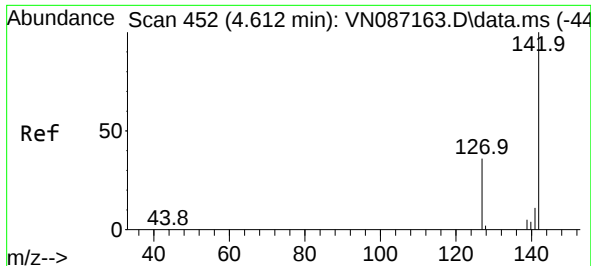
Tgt Ion:101 Resp: 46315
 Ion Ratio Lower Upper
 101 100
 85 45.1 0.0 40.6#
 151 70.9 0.0 141.2



#10
 1,1-Dichloroethene
 Concen: 15.916 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN087317.D
 Acq: 10 Jul 2025 11:16

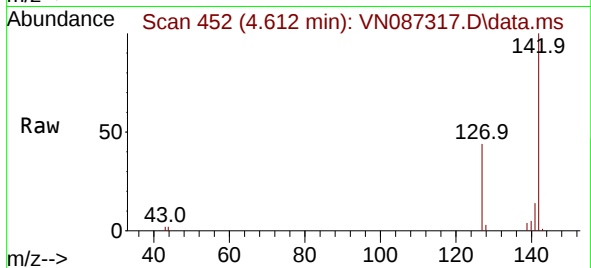
Tgt Ion: 96 Resp: 42967
 Ion Ratio Lower Upper
 96 100
 61 135.9 122.0 183.0
 98 70.3 50.3 75.5



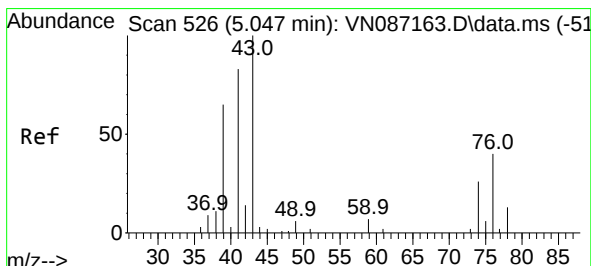
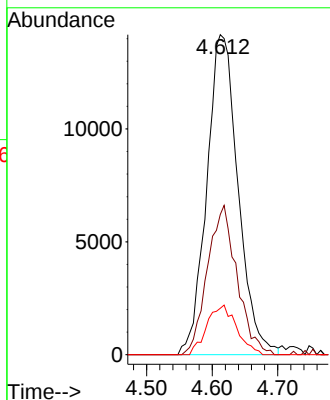
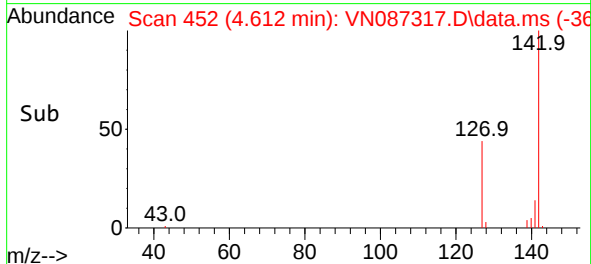


#11
Methyl Iodide
Concen: 19.460 ug/l
RT: 4.612 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :

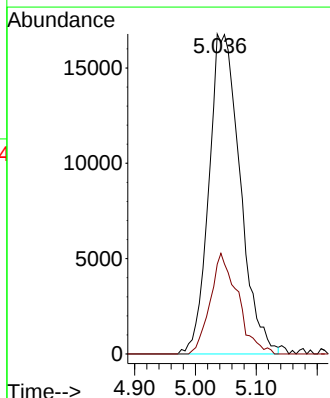
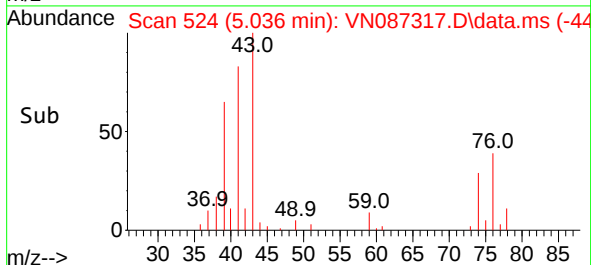
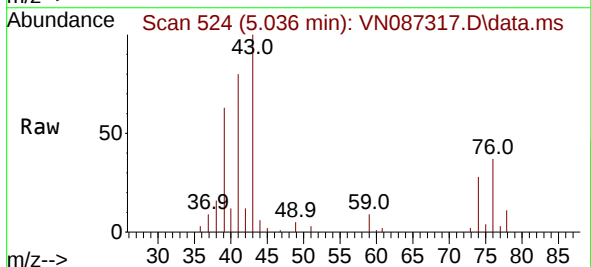


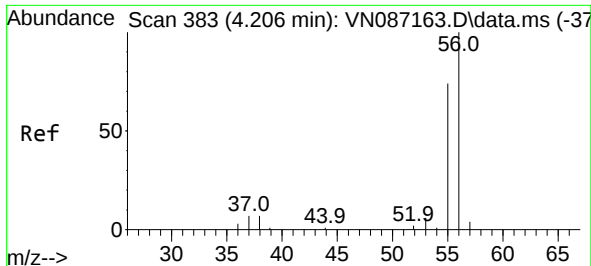
Tgt Ion:142 Resp: 47066
Ion Ratio Lower Upper
142 100
127 44.3 18.1 54.1
141 14.6 5.7 17.1



#12
Methyl Acetate
Concen: 14.109 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.012 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion: 43 Resp: 59745
Ion Ratio Lower Upper
43 100
74 28.3 20.3 30.5

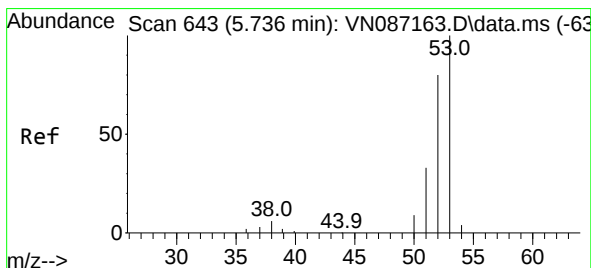
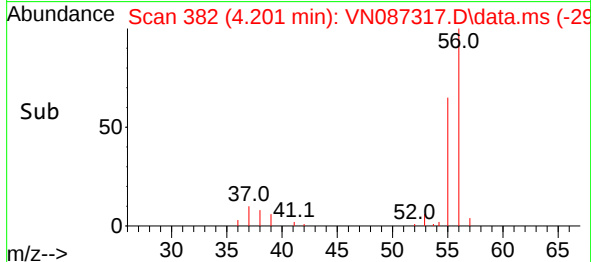
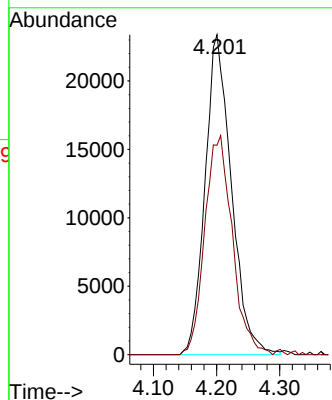
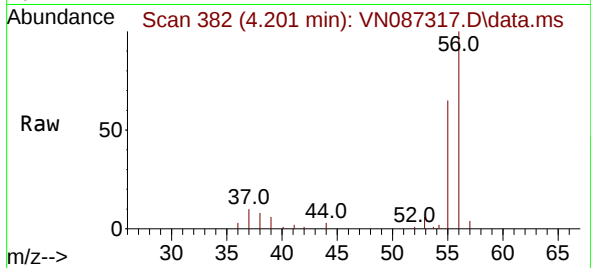




#13
Acrolein
Concen: 104.152 ug/l
RT: 4.201 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

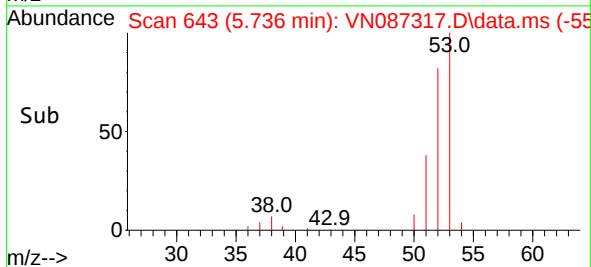
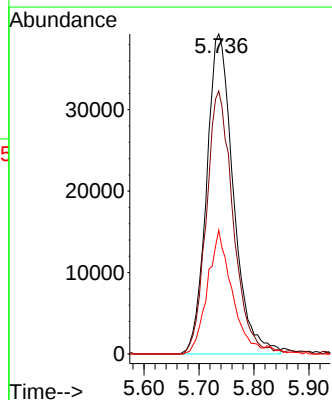
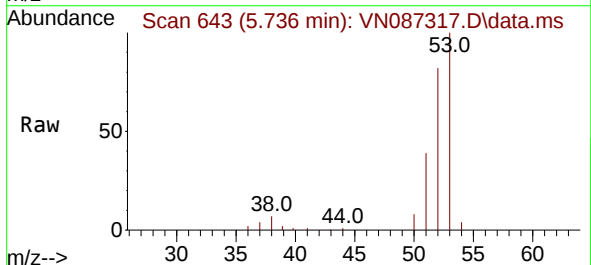
Instrument :
MSVOA_N
ClientSampleId :

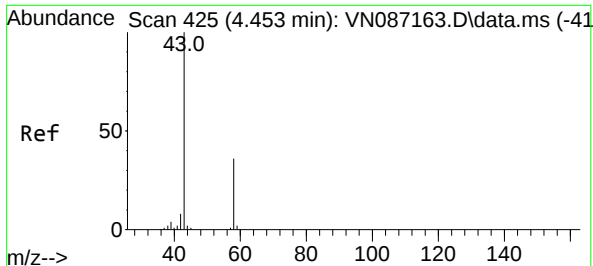
Tgt Ion: 56 Resp: 67771
Ion Ratio Lower Upper
56 100
55 71.6 55.7 83.5



#14
Acrylonitrile
Concen: 67.330 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

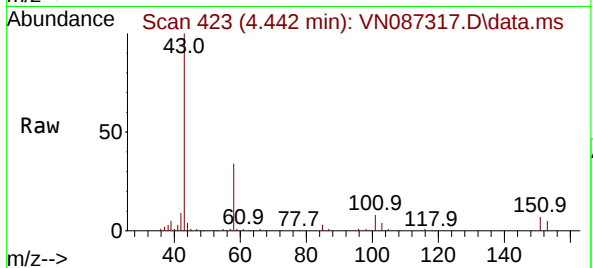
Tgt Ion: 53 Resp: 132992
Ion Ratio Lower Upper
53 100
52 81.4 40.5 121.5
51 34.9 16.9 50.7



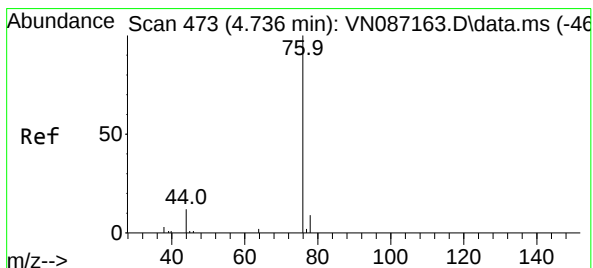
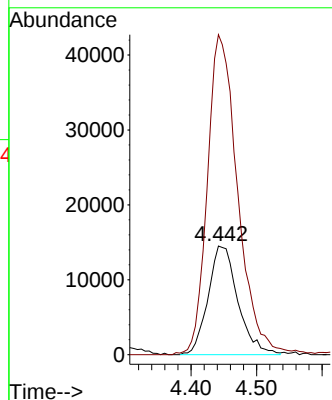
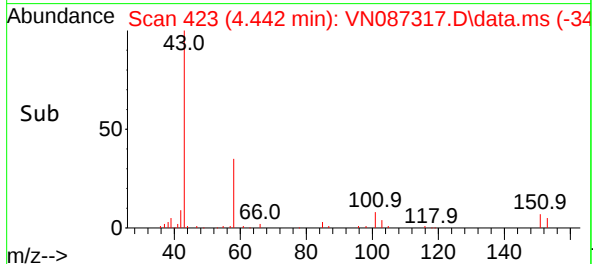


#15
Acetone
Concen: 79.671 ug/l
RT: 4.442 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :

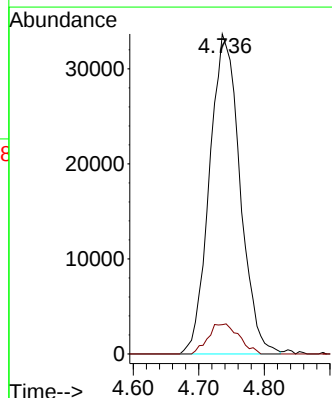
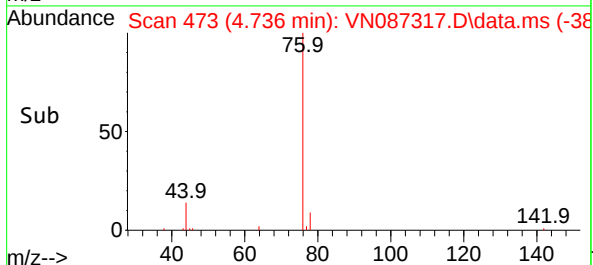
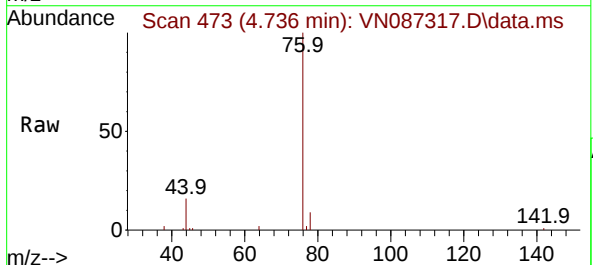


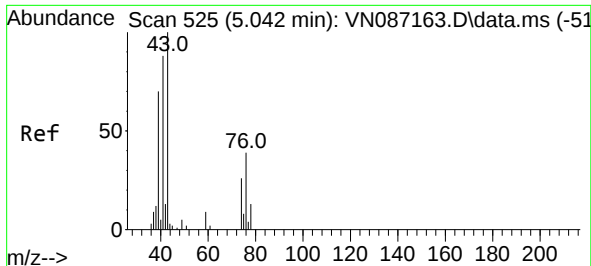
Tgt Ion: 58 Resp: 45904
Ion Ratio Lower Upper
58 100
43 292.8 224.3 336.5



#16
Carbon Disulfide
Concen: 13.780 ug/l
RT: 4.736 min Scan# 473
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

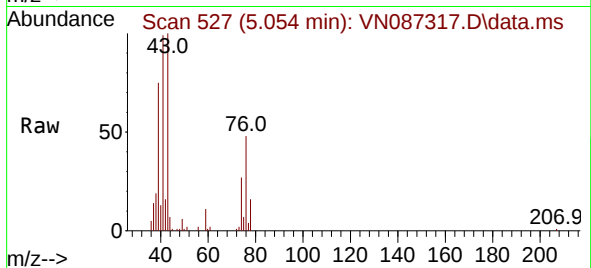
Tgt Ion: 76 Resp: 108774
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



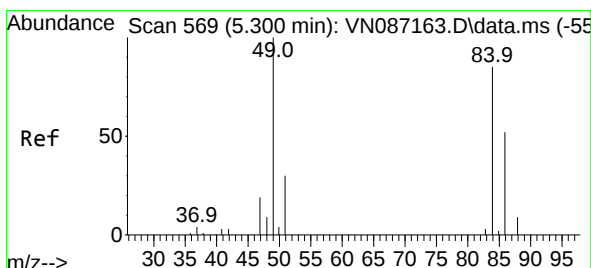
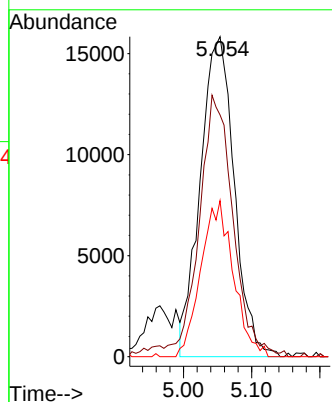
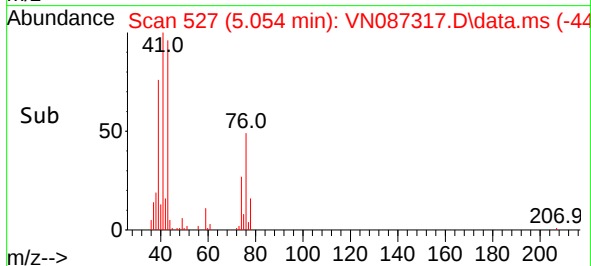


#17
 Allyl chloride
 Concen: 12.344 ug/l
 RT: 5.054 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VN087317.D
 Acq: 10 Jul 2025 11:16

Instrument :
 MSVOA_N
 ClientSampleId :

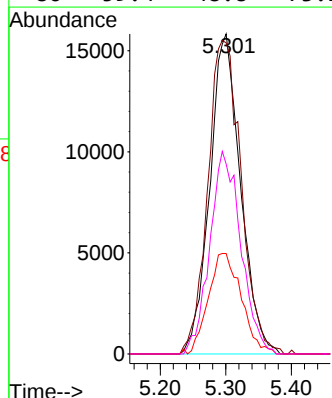
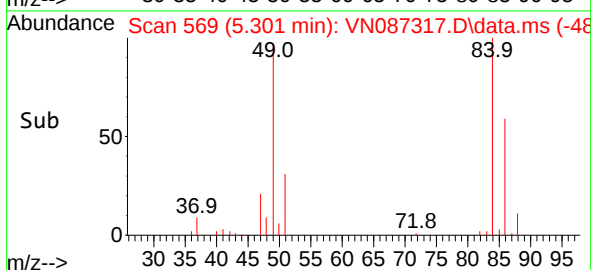
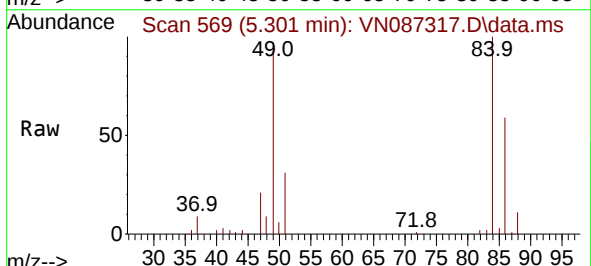


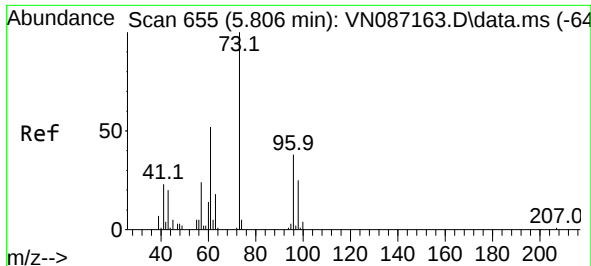
Tgt Ion:	41	Resp:	54966
Ion	Ratio	Lower	Upper
41	100		
39	74.4	36.0	108.0
76	48.7	19.5	58.5



#18
 Methylene Chloride
 Concen: 16.495 ug/l
 RT: 5.301 min Scan# 569
 Delta R.T. 0.000 min
 Lab File: VN087317.D
 Acq: 10 Jul 2025 11:16

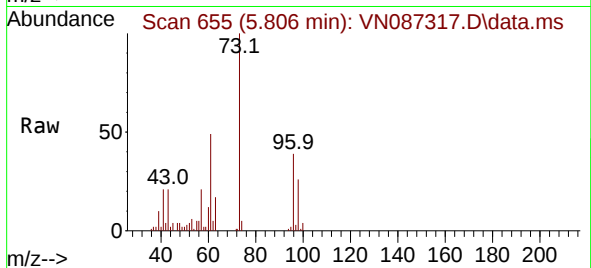
Tgt Ion:	84	Resp:	51589
Ion	Ratio	Lower	Upper
84	100		
49	97.2	94.0	141.0
51	31.4	28.3	42.5
86	59.4	48.8	73.2



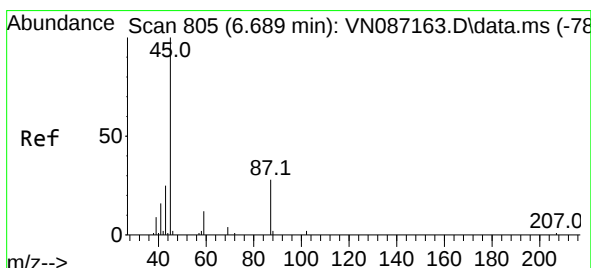
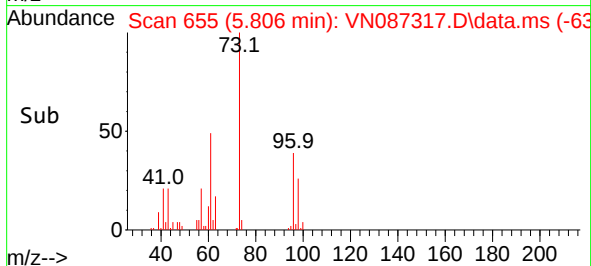
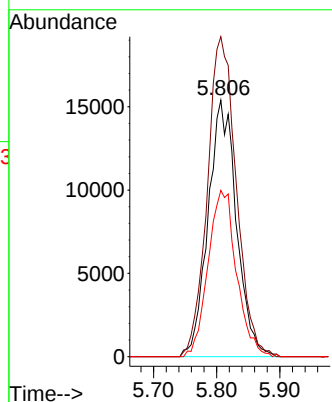


#19
trans-1,2-Dichloroethene
Concen: 16.297 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :

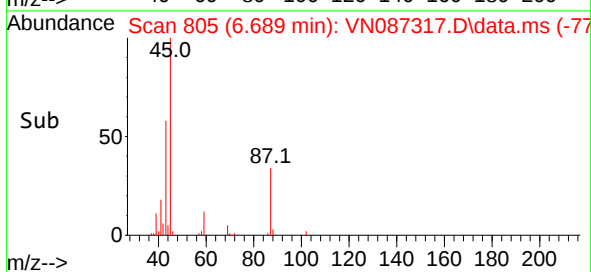
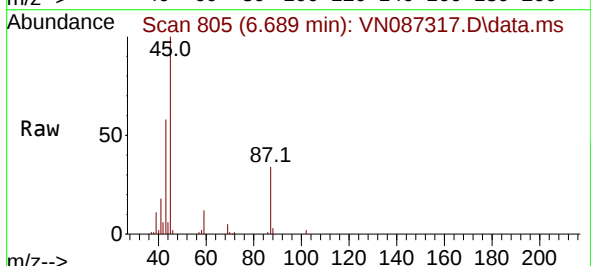
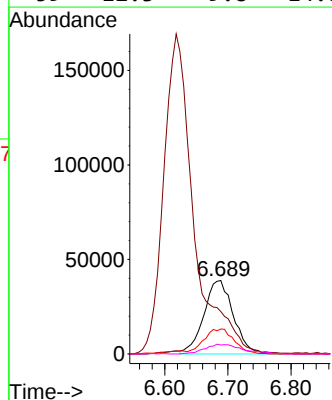


Tgt Ion: 96 Resp: 48114
Ion Ratio Lower Upper
96 100
61 124.8 110.3 165.5
98 64.8 51.6 77.4



#20
Diisopropyl ether
Concen: 13.331 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion: 45 Resp: 125943
Ion Ratio Lower Upper
45 100
43 56.7 45.3 67.9
87 34.0 22.6 33.8#
59 12.3 9.8 14.8





#21

1,1-Dichloroethane

Concen: 15.216 ug/l

RT: 6.589 min Scan# 71

Delta R.T. 0.006 min

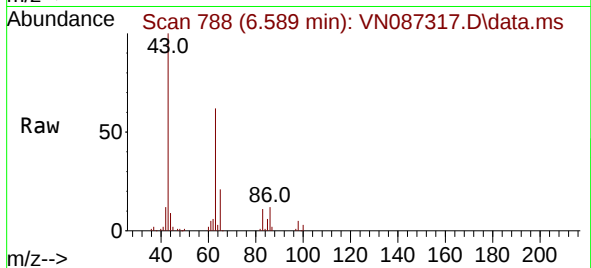
Lab File: VN087317.D

Acq: 10 Jul 2025 11:16

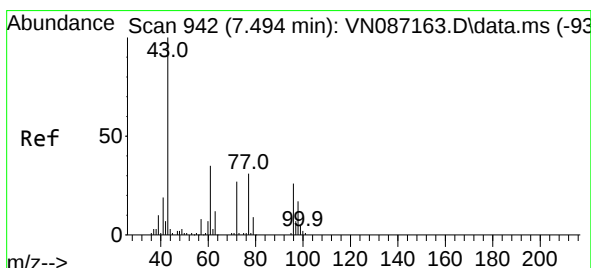
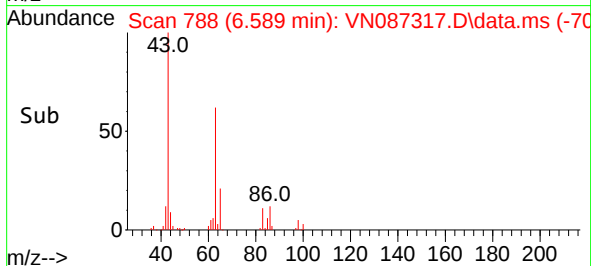
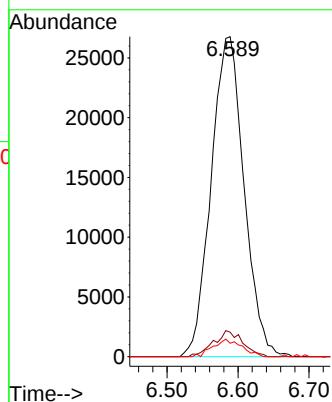
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	63	Resp:	85912
Ion Ratio	Lower	Upper	
63	100		
98	7.6	3.5	10.4
100	4.2	2.0	5.8



#22

cis-1,2-Dichloroethene

Concen: 16.920 ug/l

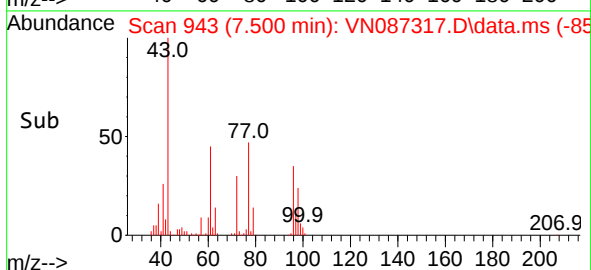
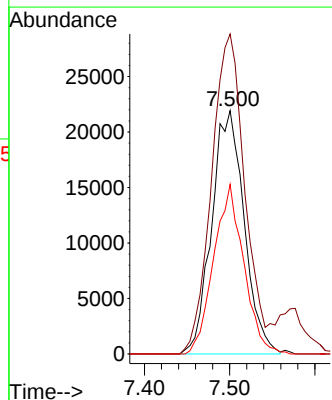
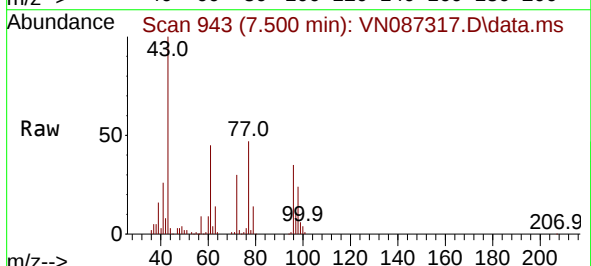
RT: 7.500 min Scan# 943

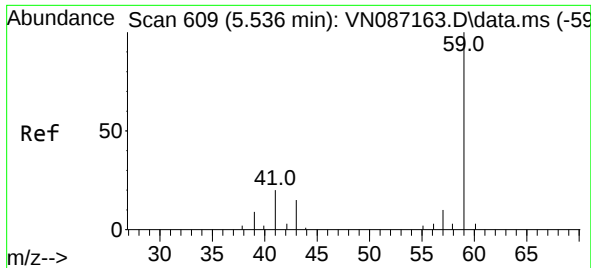
Delta R.T. 0.006 min

Lab File: VN087317.D

Acq: 10 Jul 2025 11:16

Tgt Ion:	96	Resp:	58139
Ion Ratio	Lower	Upper	
96	100		
61	133.3	119.2	178.8
98	64.4	50.6	75.8

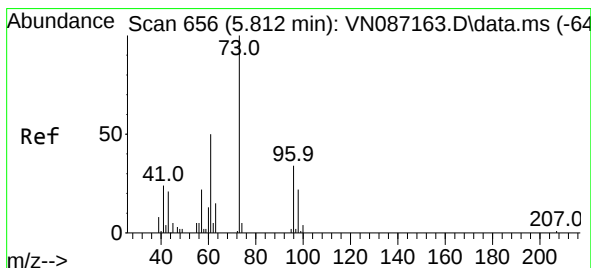
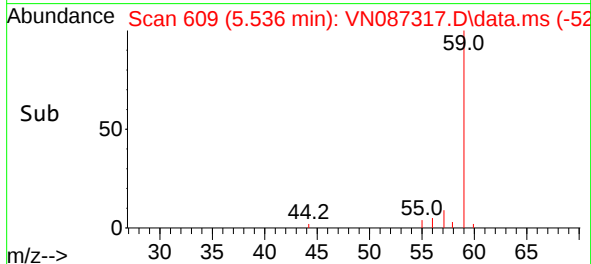
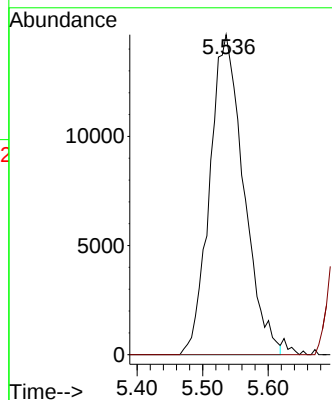
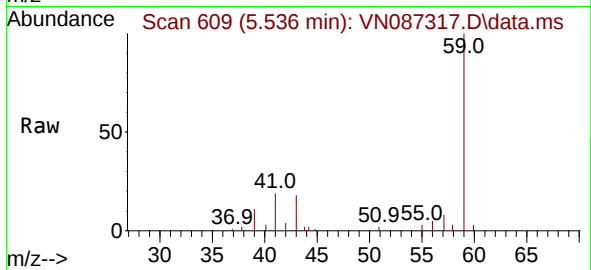




#23
tert-Butyl Alcohol
Concen: 70.947 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

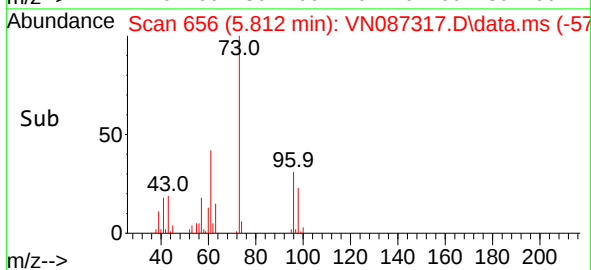
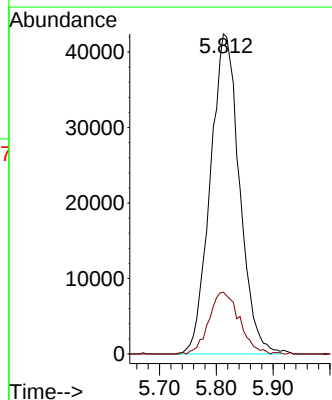
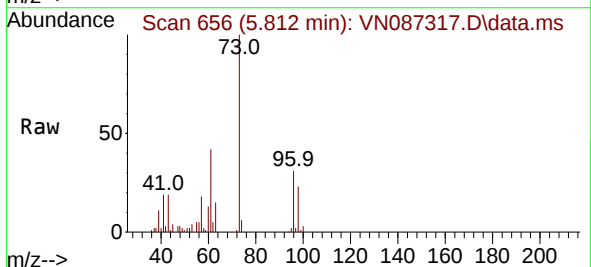
Instrument :
MSVOA_N
ClientSampleId :

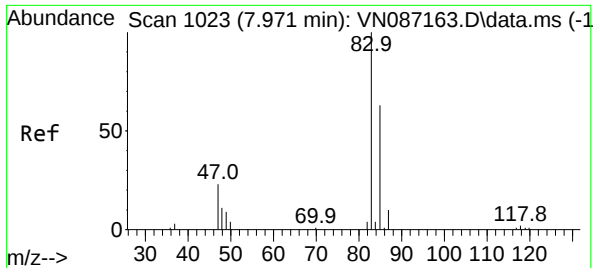
Tgt Ion: 59 Resp: 52702
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 15.996 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion: 73 Resp: 151453
Ion Ratio Lower Upper
73 100
43 20.0 16.4 24.6

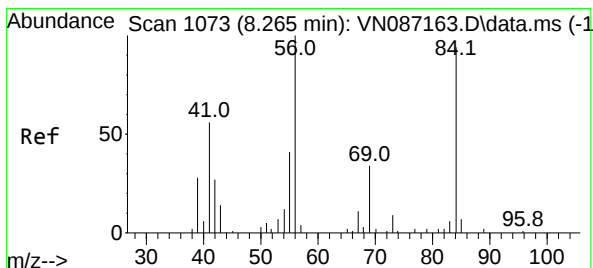
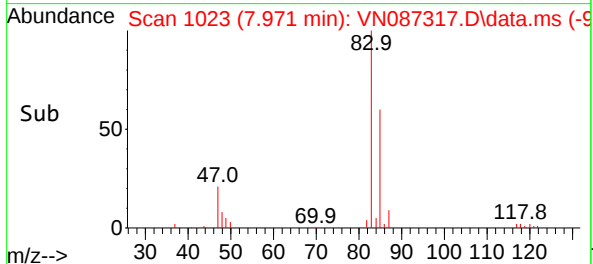
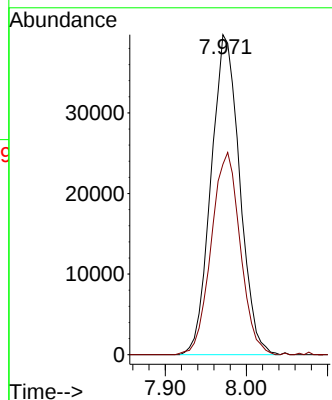
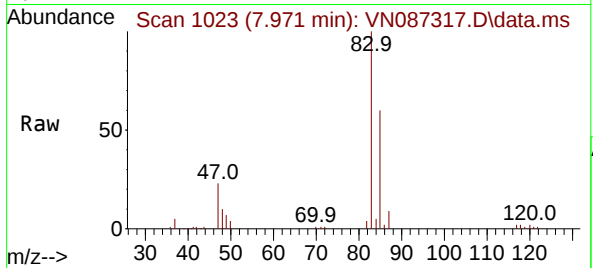




#25
Chloroform
Concen: 17.963 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

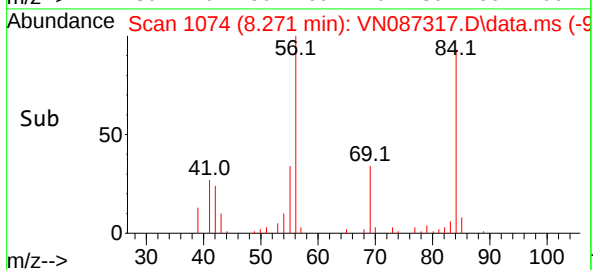
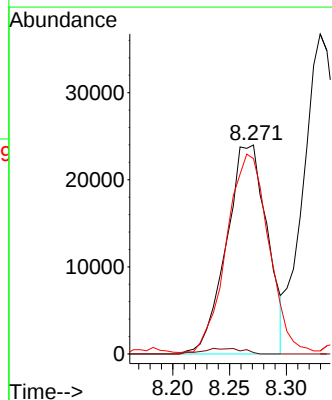
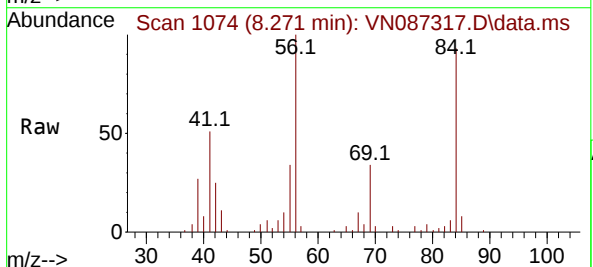
Instrument :
MSVOA_N
ClientSampleId :

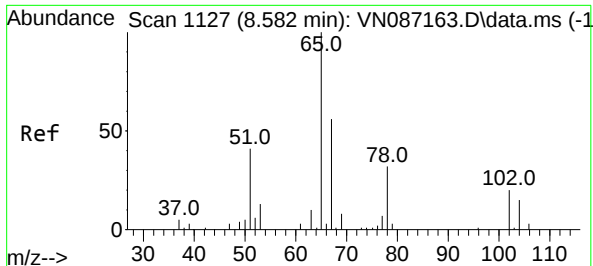
Tgt Ion: 83 Resp: 97171
Ion Ratio Lower Upper
83 100
85 59.5 50.7 76.1



#26
Cyclohexane
Concen: 12.790 ug/l
RT: 8.271 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion: 56 Resp: 60030
Ion Ratio Lower Upper
56 100
89 1.3 6.9 10.3#
84 96.9 69.1 103.7

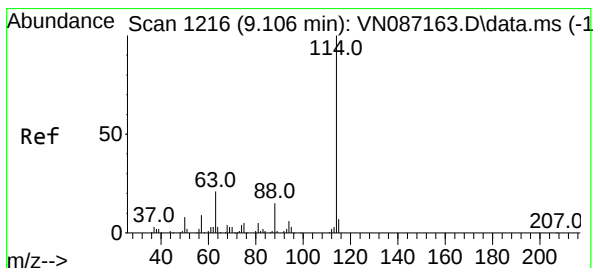
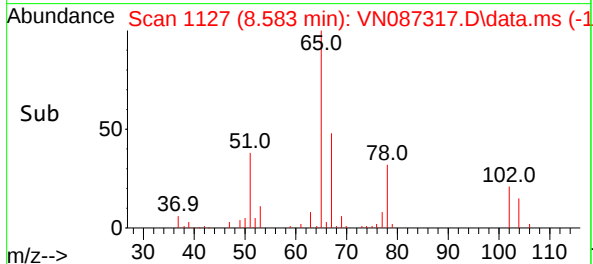
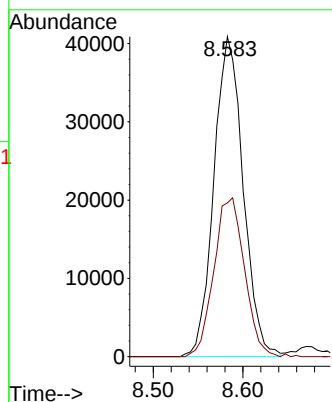
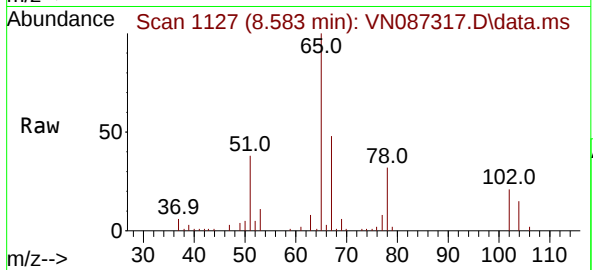




#27
1,2-Dichloroethane-d4
Concen: 27.587 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

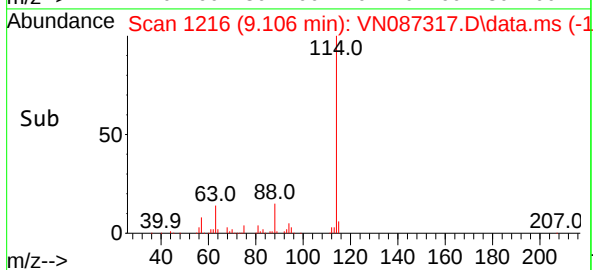
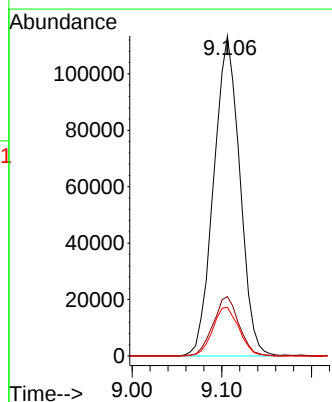
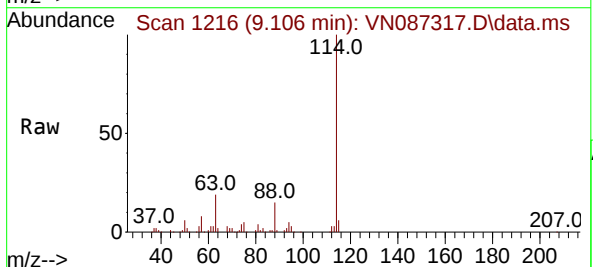
Instrument :
MSVOA_N
ClientSampleId :

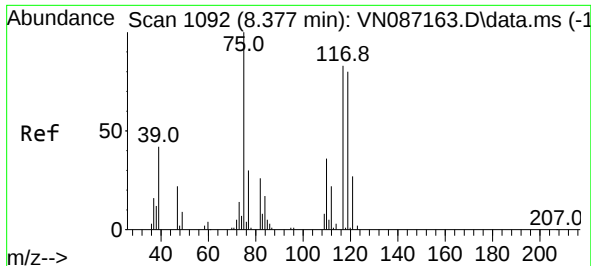
Tgt Ion: 65 Resp: 92633
Ion Ratio Lower Upper
65 100
67 51.8 41.9 62.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

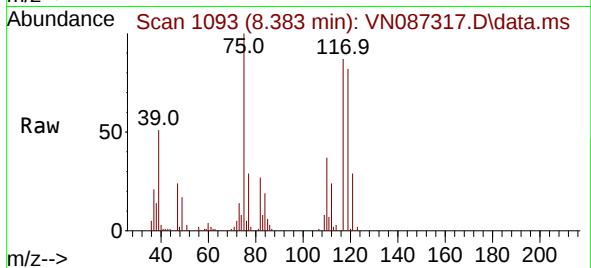
Tgt Ion: 114 Resp: 228909
Ion Ratio Lower Upper
114 100
63 18.4 17.0 25.4
88 15.4 12.6 19.0



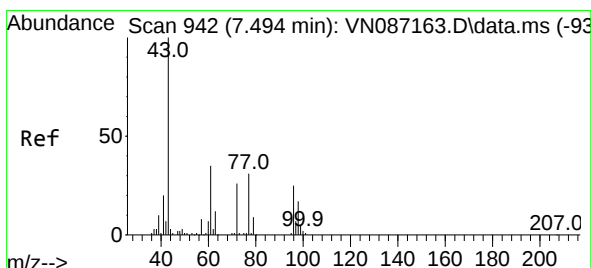
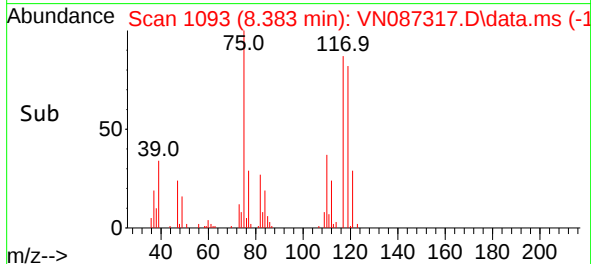
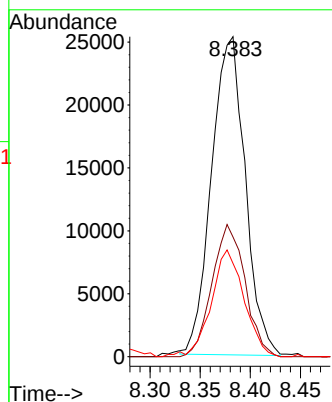


#29
1,1-Dichloropropene
Concen: 16.577 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :

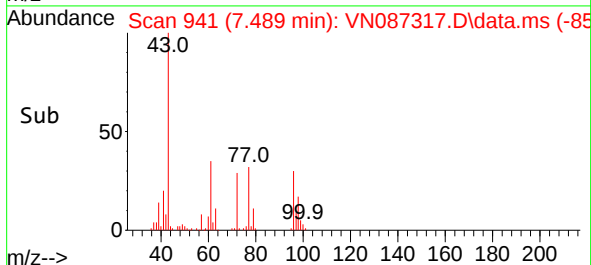
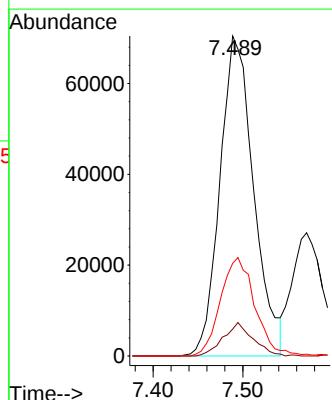
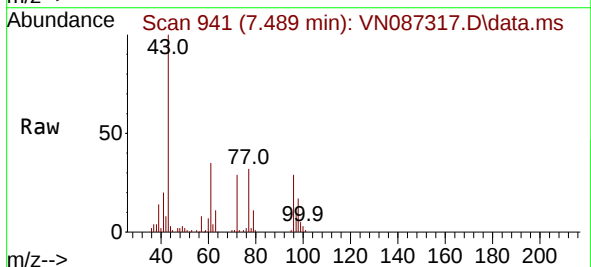


Tgt Ion: 75 Resp: 59144
Ion Ratio Lower Upper
75 100
110 40.7 0.0 69.2
77 32.2 0.0 61.8



#30
2-Butanone
Concen: 76.402 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion: 43 Resp: 183880
Ion Ratio Lower Upper
43 100
57 9.1 6.3 9.5
72 31.4 21.8 32.6

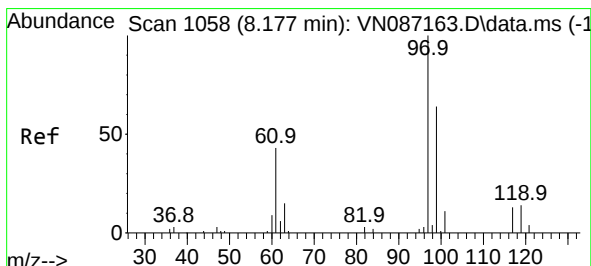
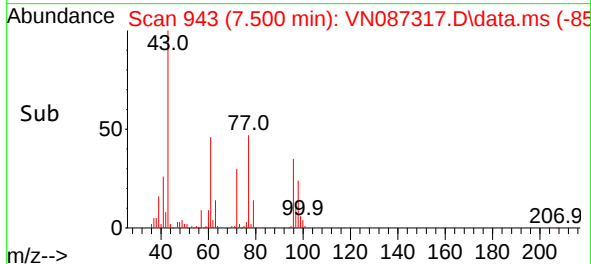
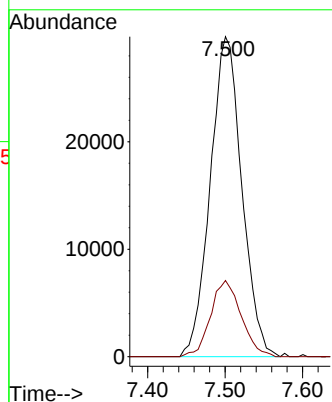
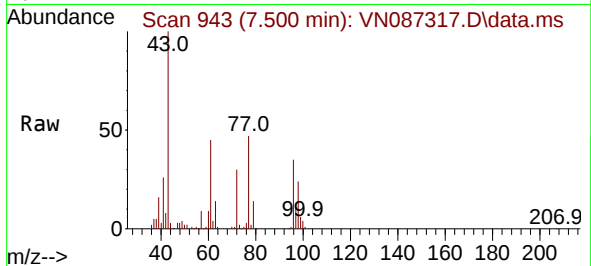




#31
2,2-Dichloropropane
Concen: 19.589 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

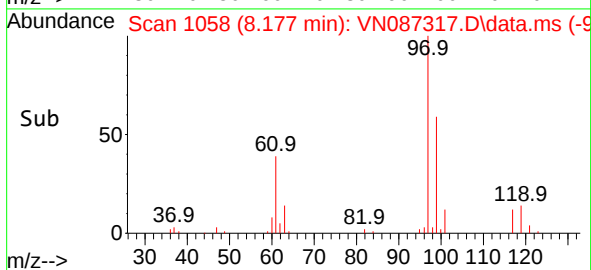
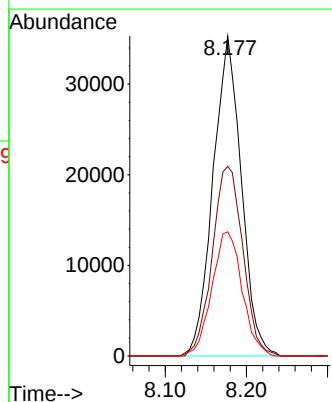
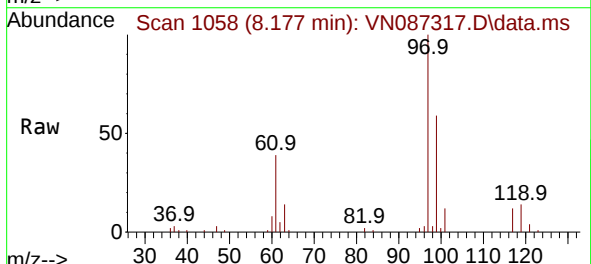
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 77 Resp: 84366
Ion Ratio Lower Upper
77 100
97 23.1 18.4 27.6



#32
1,1,1-Trichloroethane
Concen: 20.501 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

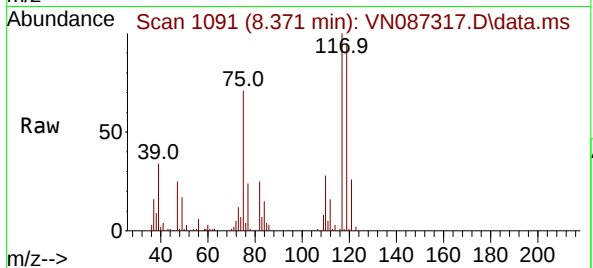
Tgt Ion: 97 Resp: 85453
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 41.6 36.1 54.1



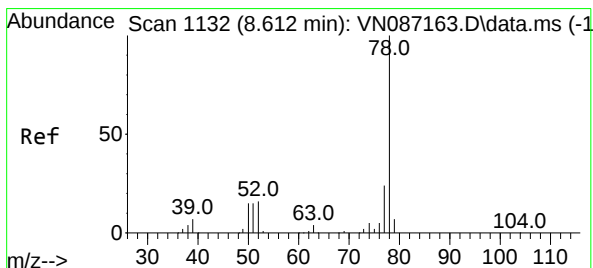
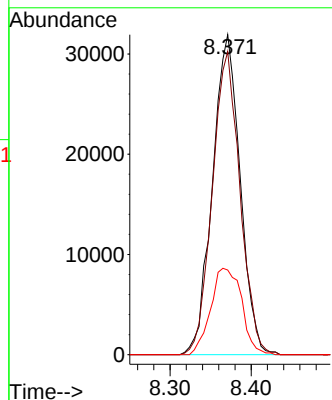
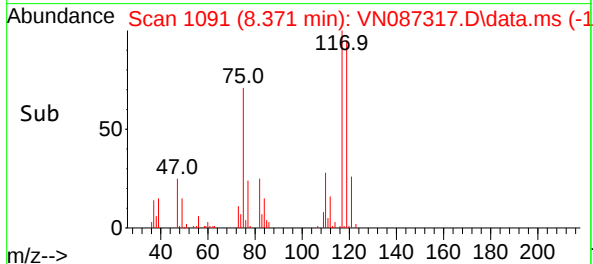


#33
Carbon Tetrachloride
Concen: 21.565 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :

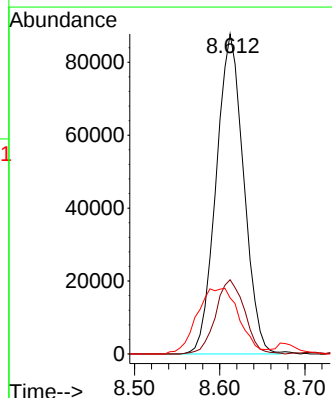
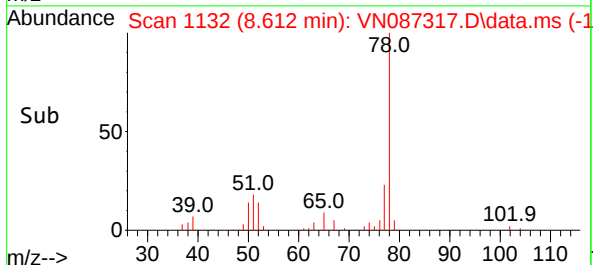
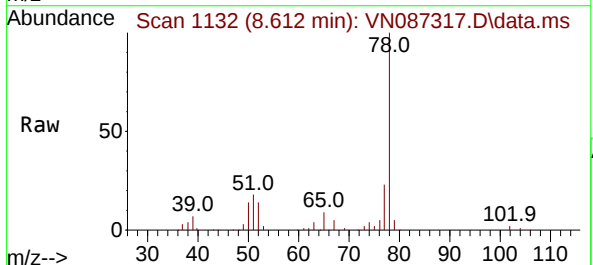


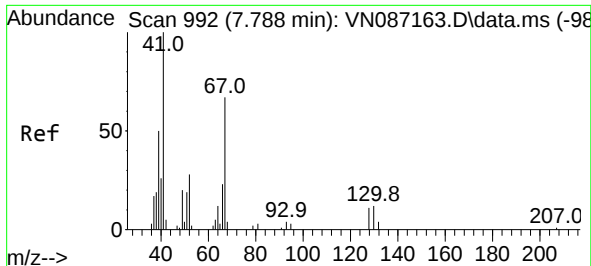
Tgt Ion:117 Resp: 75644
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.6
121 26.5 26.2 39.4



#34
Benzene
Concen: 17.398 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

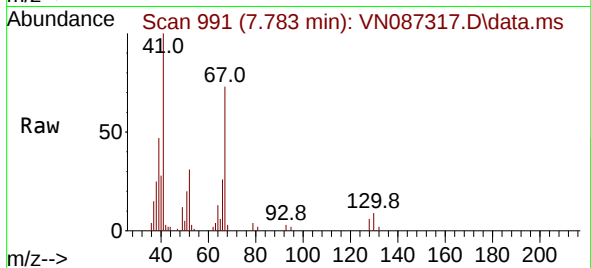
Tgt Ion: 78 Resp: 196655
Ion Ratio Lower Upper
78 100
77 23.2 19.5 29.3
51 15.7 14.8 22.2



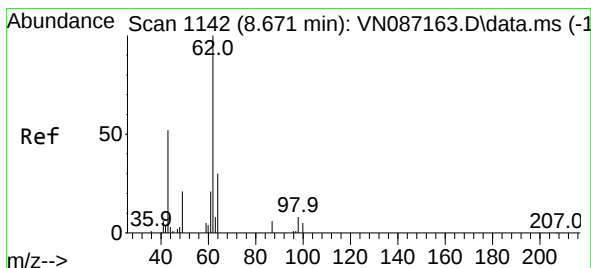
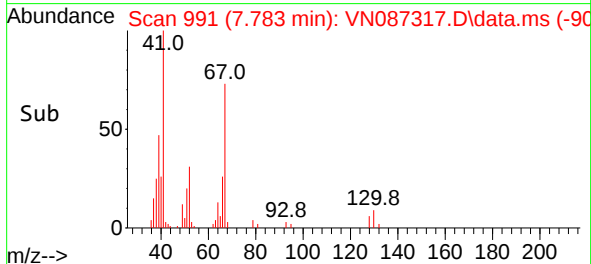
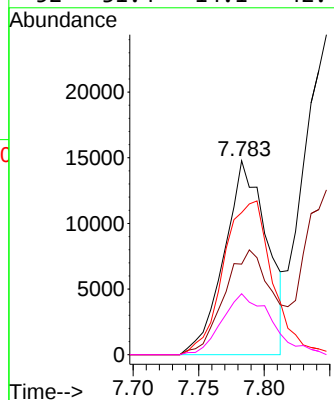


#35
Methacrylonitrile
Concen: 13.862 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :

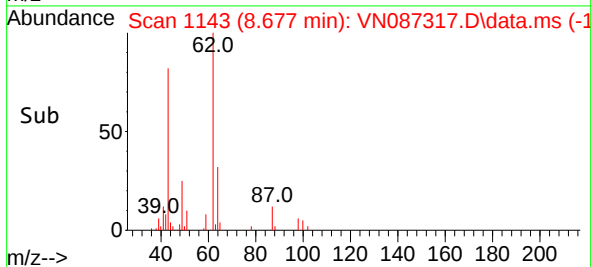
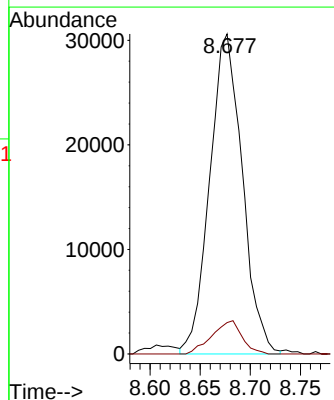
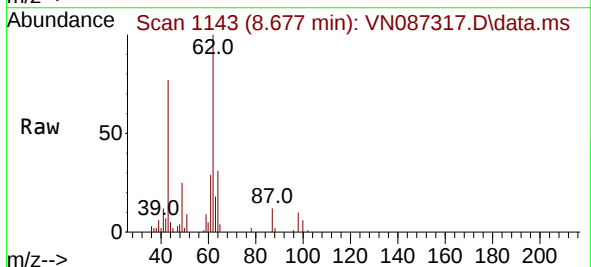


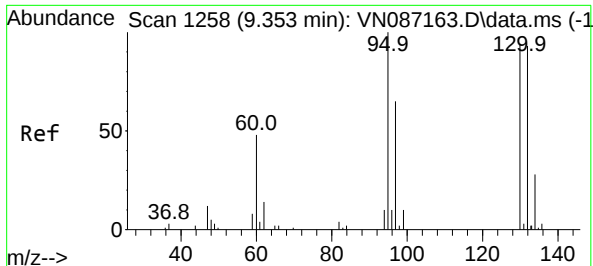
Tgt Ion:	41	Resp:	33622
Ion Ratio	Lower	Upper	
41	100		
39	46.7	24.4	73.2
67	73.3	33.3	99.8
52	31.4	14.1	42.4



#36
1,2-Dichloroethane
Concen: 18.959 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion:	62	Resp:	69238
Ion Ratio	Lower	Upper	
62	100		
98	9.6	7.2	10.8





#37

Trichloroethene

Concen: 19.743 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087317.D

Acq: 10 Jul 2025 11:16

Instrument :

MSVOA_N

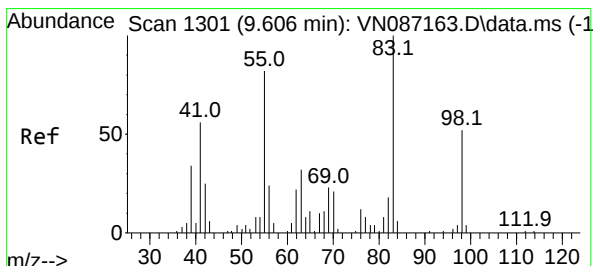
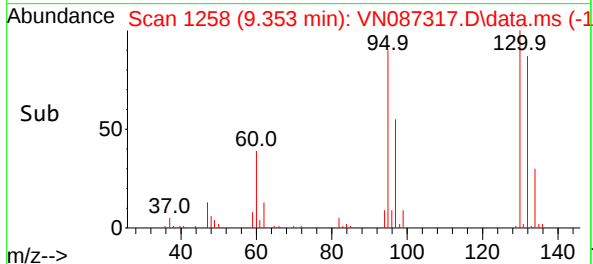
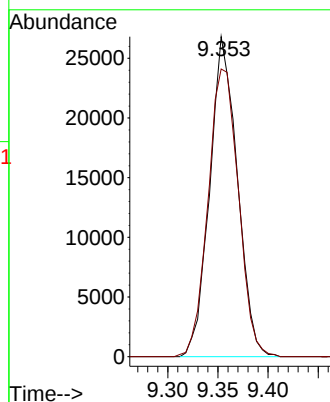
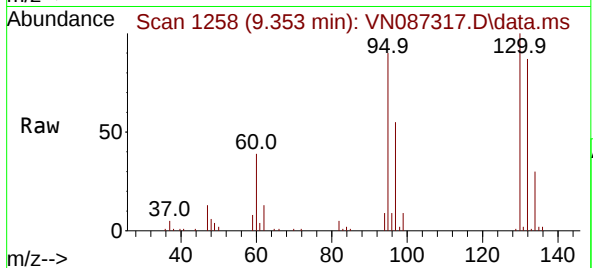
ClientSampleId :

Tgt Ion:130 Resp: 51472

Ion Ratio Lower Upper

130 100

95 89.9 85.3 127.9



#38

Methylcyclohexane

Concen: 16.054 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN087317.D

Acq: 10 Jul 2025 11:16

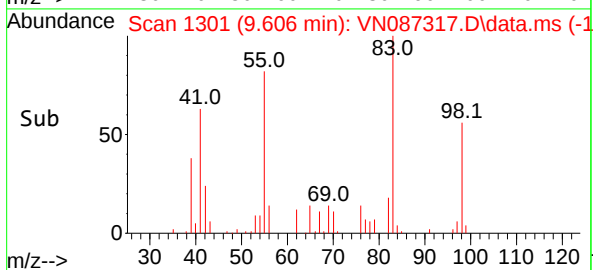
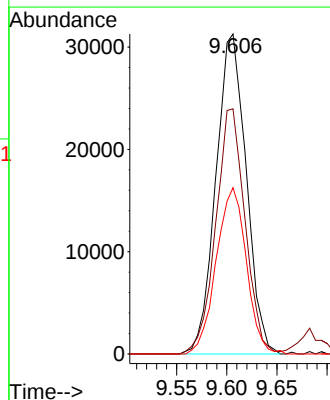
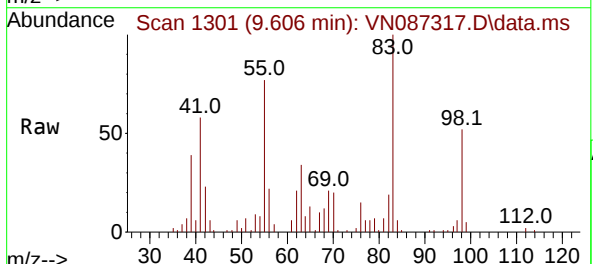
Tgt Ion: 83 Resp: 65722

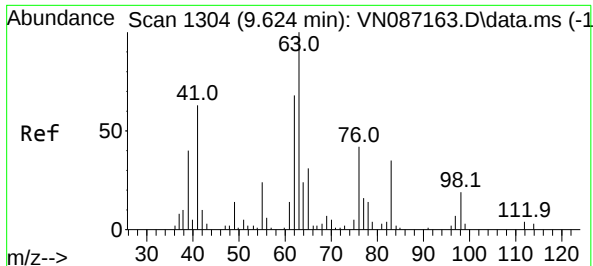
Ion Ratio Lower Upper

83 100

55 74.1 40.1 120.2

98 51.5 24.4 73.2





#39

1,2-Dichloropropane

Concen: 16.237 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087317.D

Acq: 10 Jul 2025 11:16

Instrument :

MSVOA_N

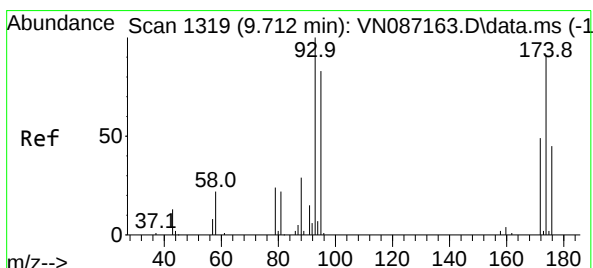
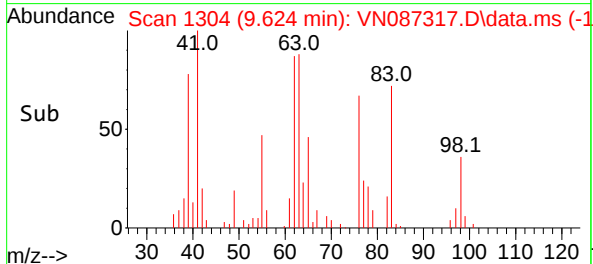
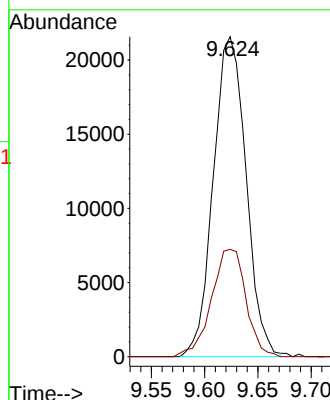
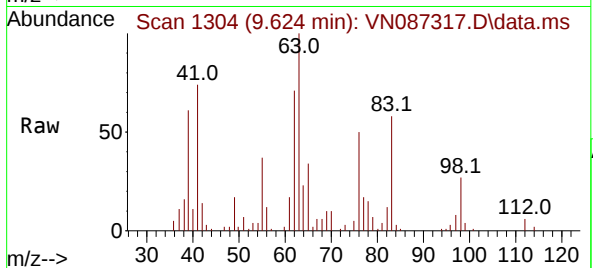
ClientSampleId :

Tgt Ion: 63 Resp: 46064

Ion Ratio Lower Upper

63 100

65 33.6 24.6 36.8



#40

Dibromomethane

Concen: 20.255 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN087317.D

Acq: 10 Jul 2025 11:16

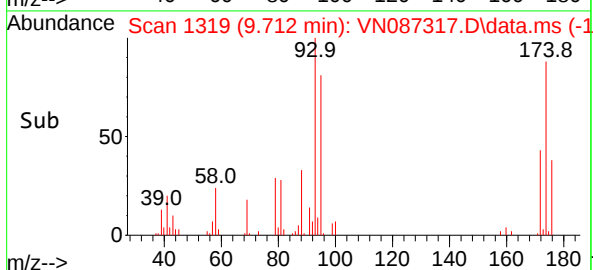
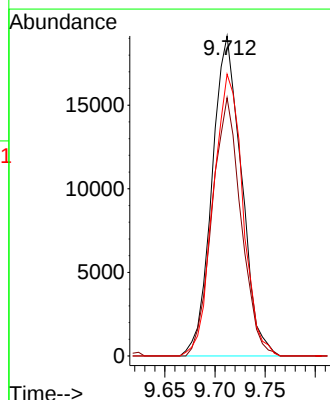
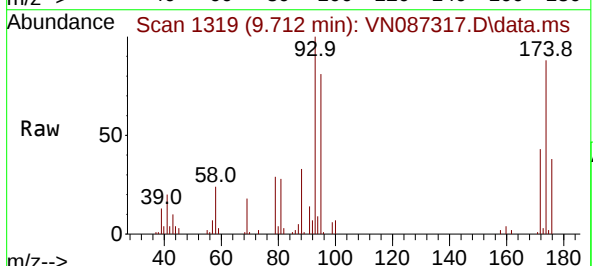
Tgt Ion: 93 Resp: 39073

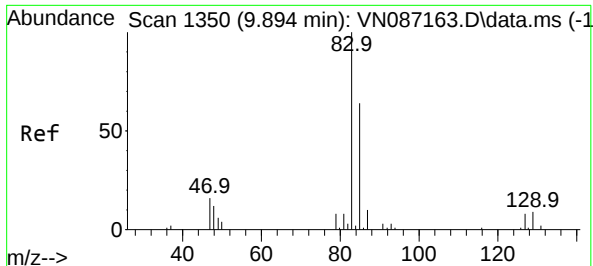
Ion Ratio Lower Upper

93 100

95 79.2 0.0 170.8

174 88.6 0.0 176.6

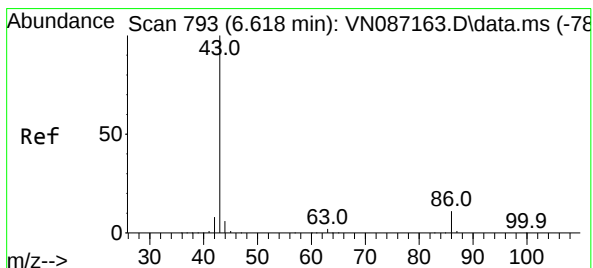
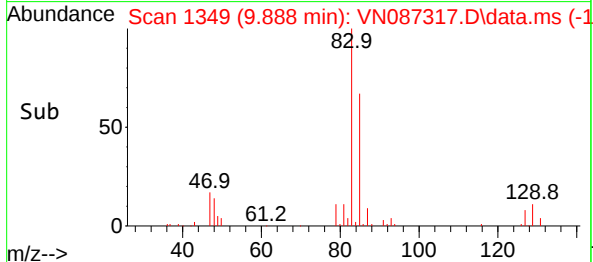
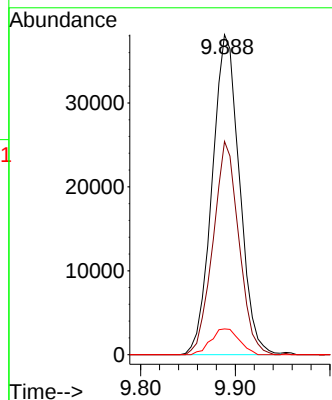
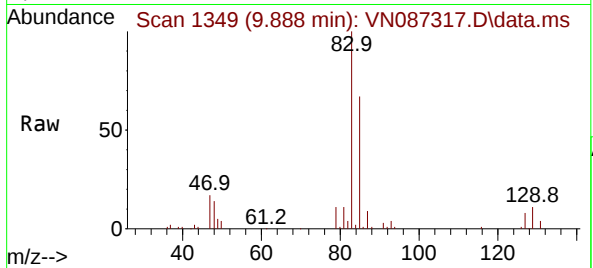




#41
Bromodichloromethane
Concen: 19.618 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

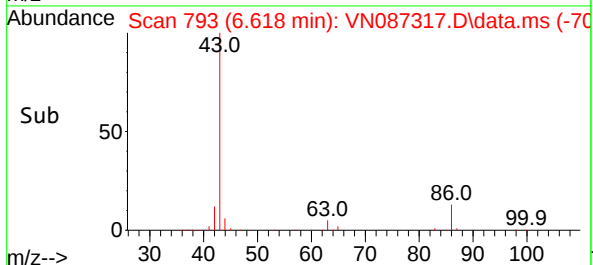
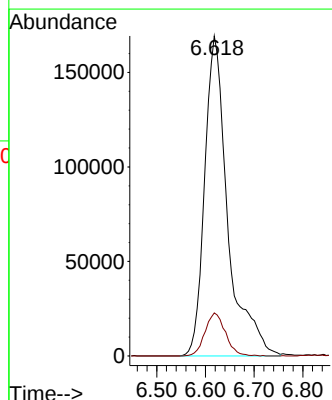
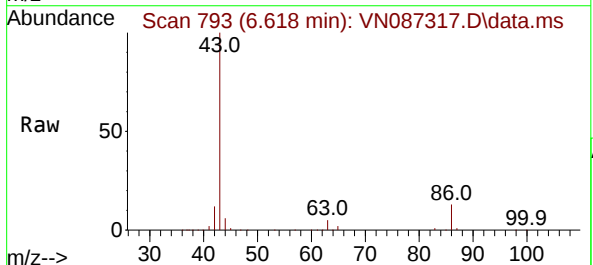
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 76390
Ion Ratio Lower Upper
83 100
85 66.6 51.4 77.2
127 8.0 6.1 9.1



#42
Vinyl Acetate
Concen: 71.458 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion: 43 Resp: 559364
Ion Ratio Lower Upper
43 100
86 11.8 7.7 11.5

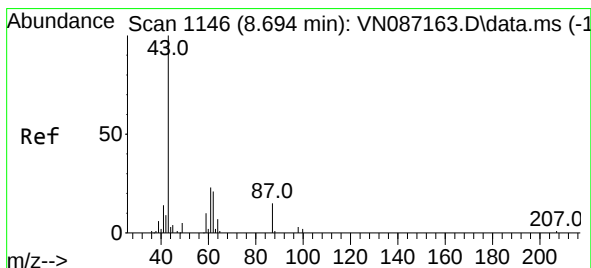
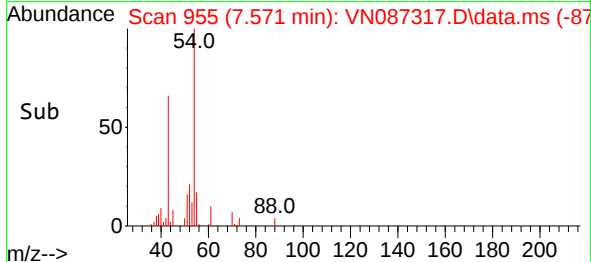
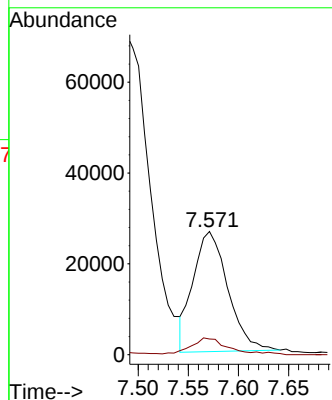
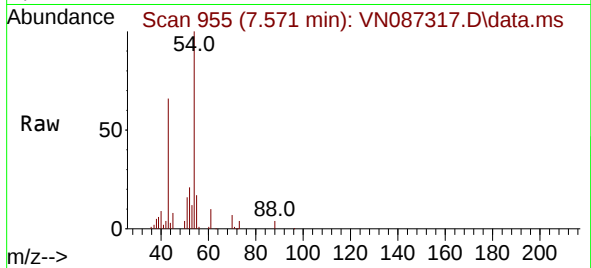




#43
Ethyl Acetate
Concen: 14.668 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

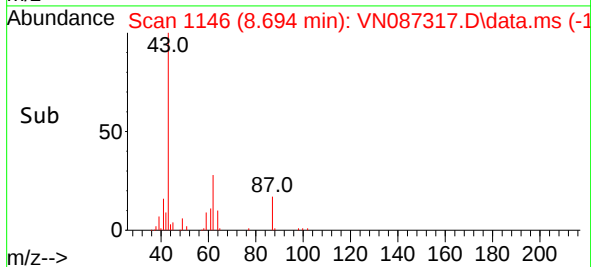
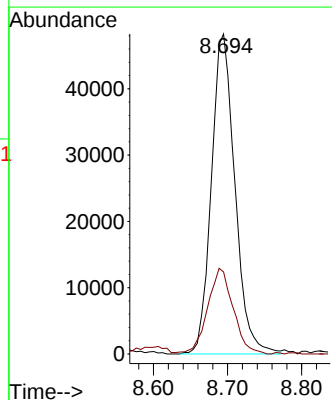
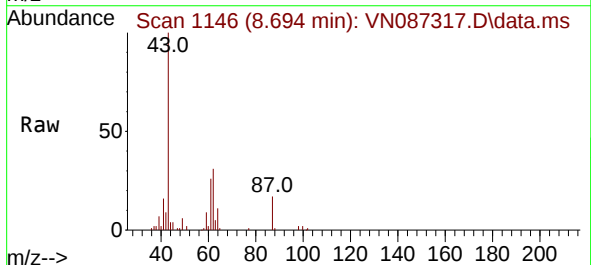
Instrument :
MSVOA_N
ClientSampleId :

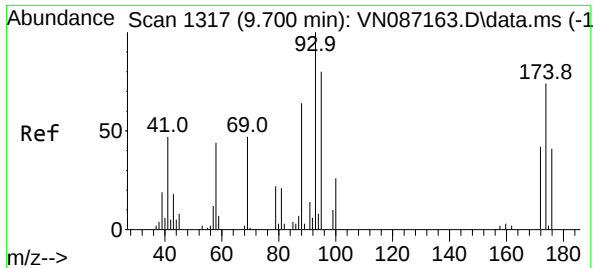
Tgt Ion: 43 Resp: 63729
Ion Ratio Lower Upper
43 100
45 12.6 11.5 17.3



#44
Isopropyl Acetate
Concen: 15.031 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion: 43 Resp: 106403
Ion Ratio Lower Upper
43 100
61 29.2 20.5 30.7

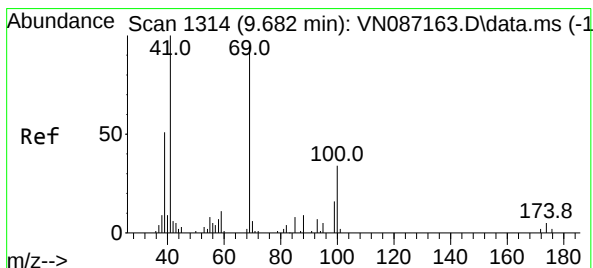
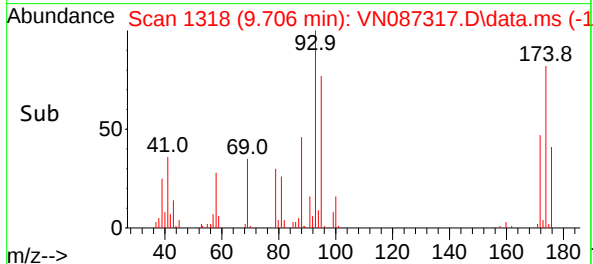
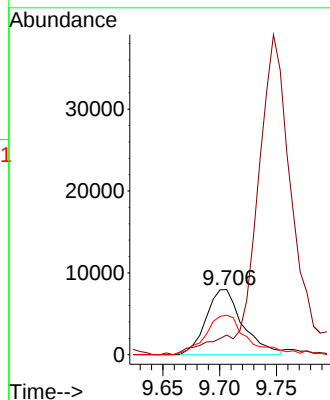
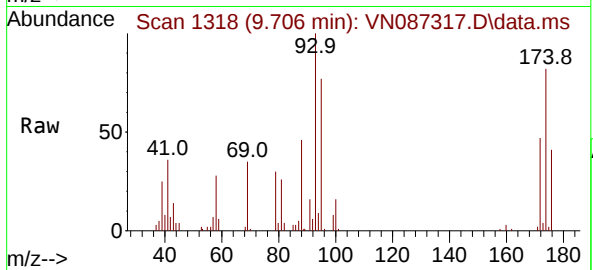




#45
1,4-Dioxane
Concen: 372.856 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

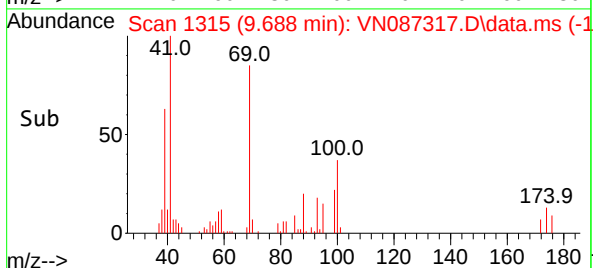
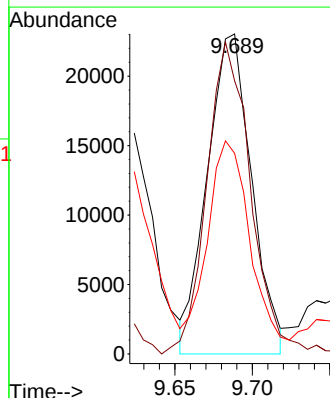
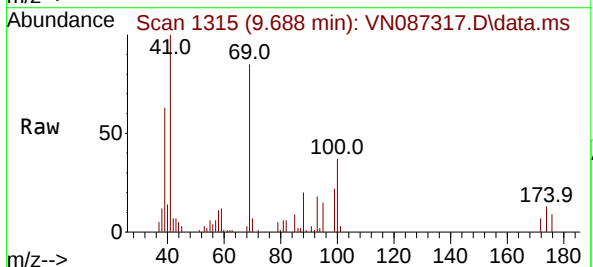
Instrument :
MSVOA_N
ClientSampleId :

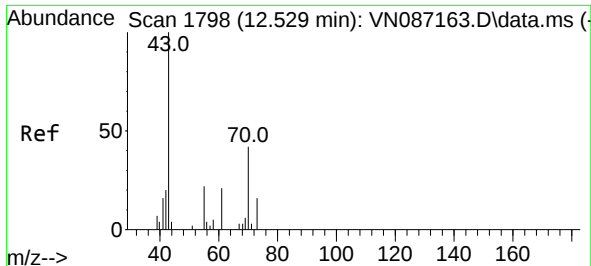
Tgt Ion: 88 Resp: 17854
Ion Ratio Lower Upper
88 100
43 25.0 21.3 31.9
58 63.2 61.7 92.5



#46
Methyl methacrylate
Concen: 13.913 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

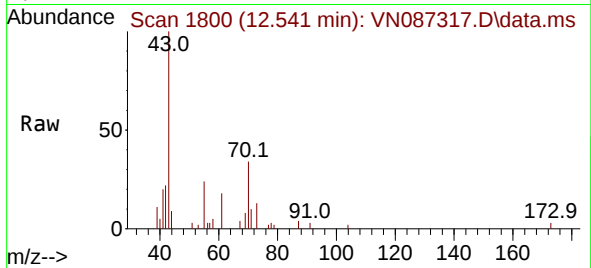
Tgt Ion: 41 Resp: 45783
Ion Ratio Lower Upper
41 100
69 88.4 45.6 136.9
39 62.4 26.2 78.5



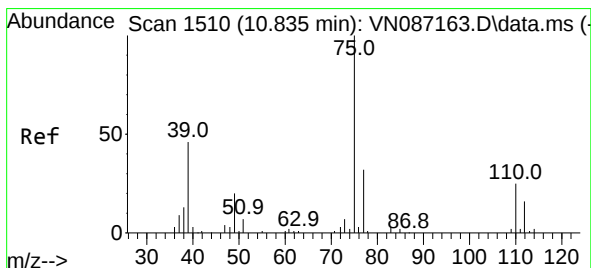
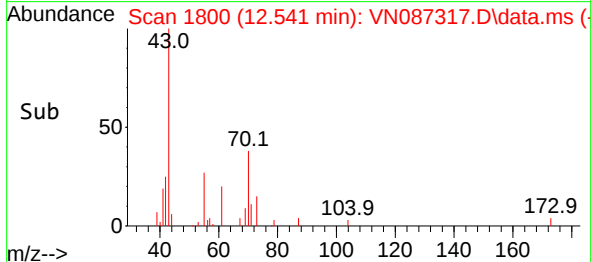
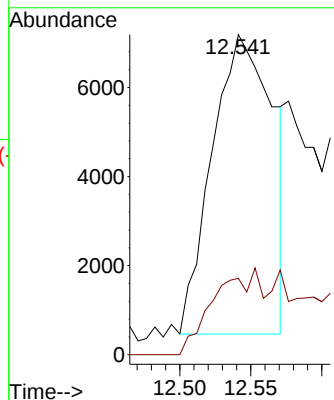


#47
n-amy1 Acetate
Concen: 4.583 ug/l
RT: 12.541 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :

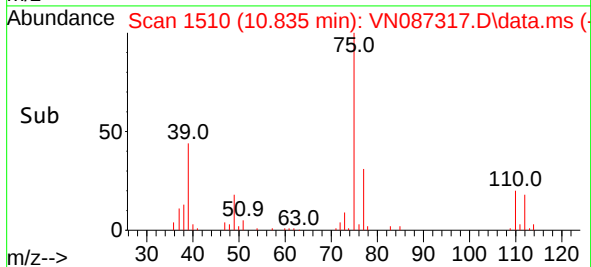
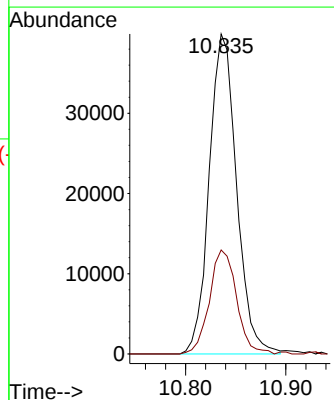
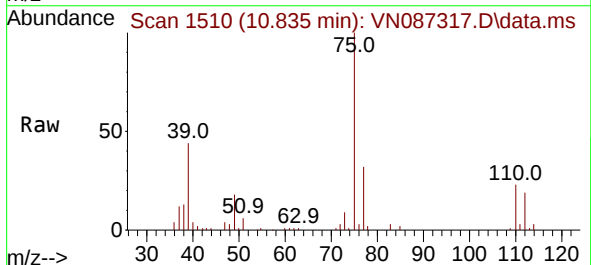


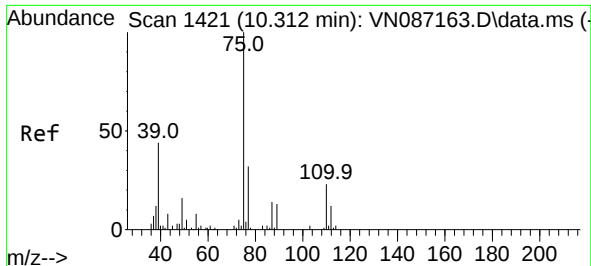
Tgt Ion: 43 Resp: 19833
Ion Ratio Lower Upper
43 100
55 16.8 0.0 0.0#



#48
t-1,3-Dichloropropene
Concen: 17.399 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion: 75 Resp: 75525
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0

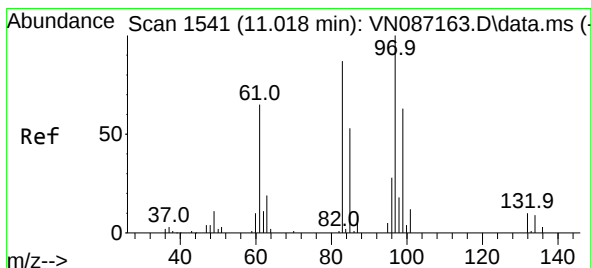
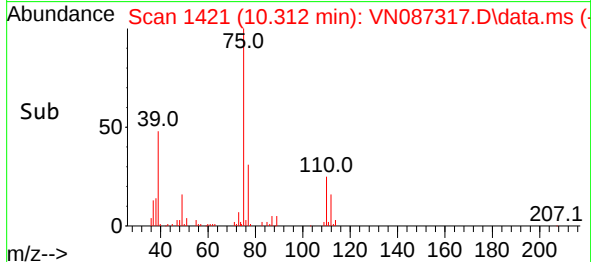
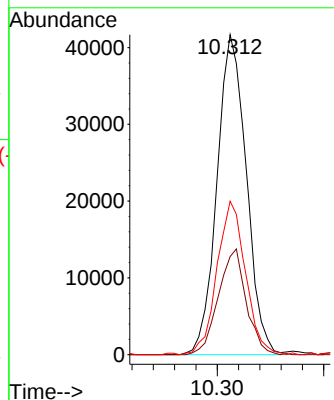
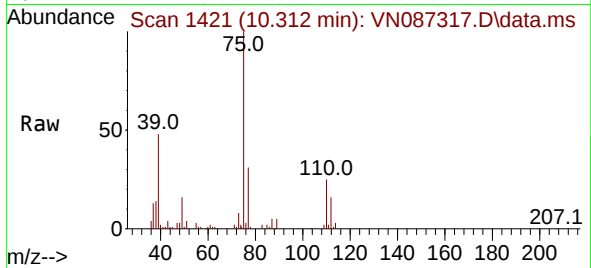




#49
 cis-1,3-Dichloropropene
 Concen: 17.277 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN087317.D
 Acq: 10 Jul 2025 11:16

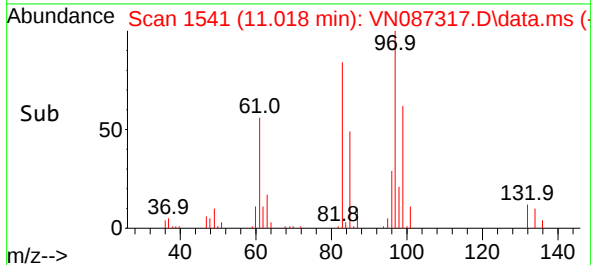
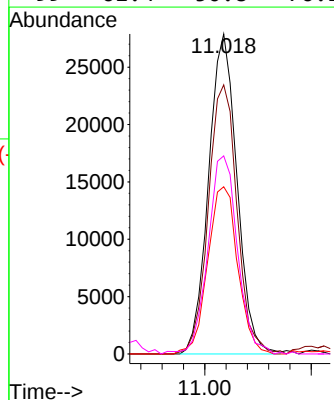
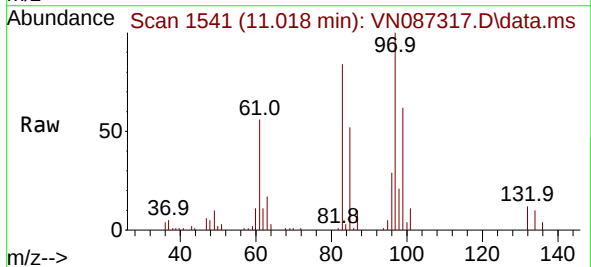
Instrument :
 MSVOA_N
 ClientSampleId :

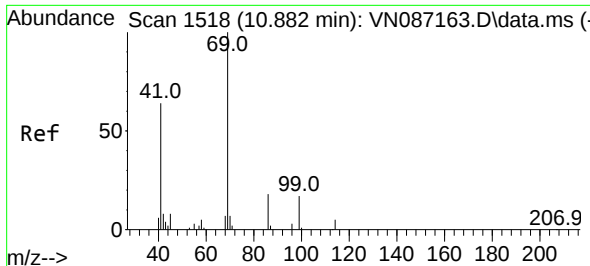
Tgt Ion: 75 Resp: 79726
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.2
 39 48.0 35.3 52.9



#50
 1,1,2-Trichloroethane
 Concen: 18.818 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN087317.D
 Acq: 10 Jul 2025 11:16

Tgt Ion: 97 Resp: 51568
 Ion Ratio Lower Upper
 97 100
 83 83.5 69.6 104.4
 85 52.2 42.0 63.0
 99 61.4 50.8 76.2

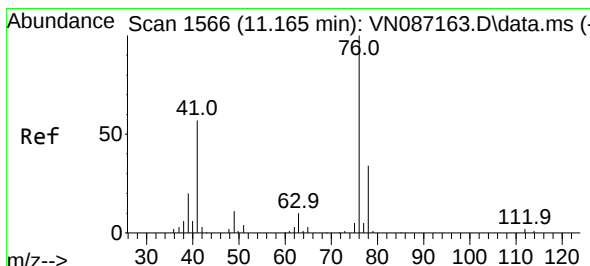
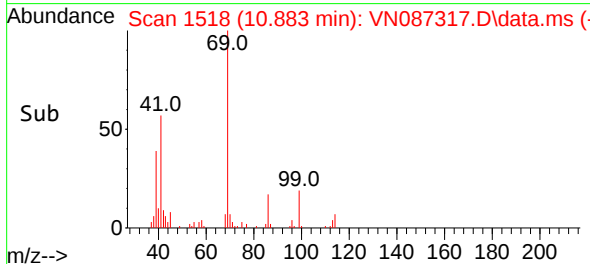
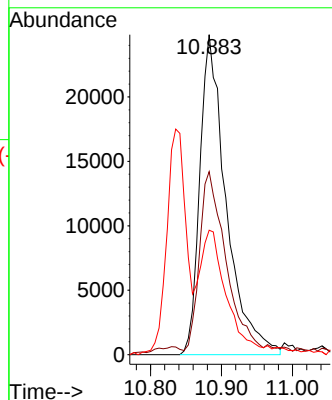
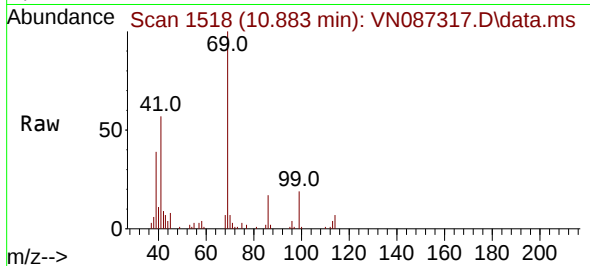




#51
Ethyl methacrylate
Concen: 15.353 ug/l
RT: 10.883 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

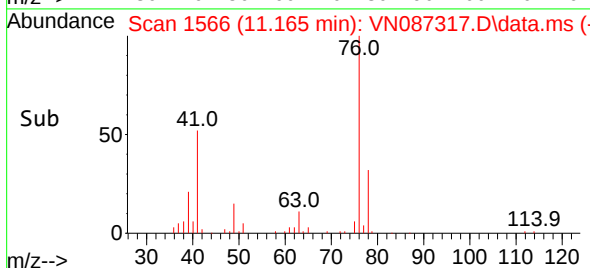
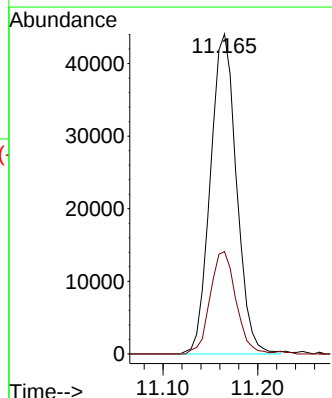
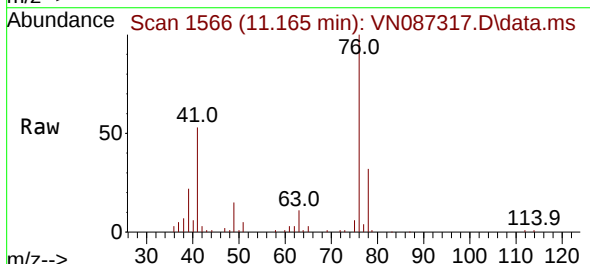
Instrument :
MSVOA_N
ClientSampleId :

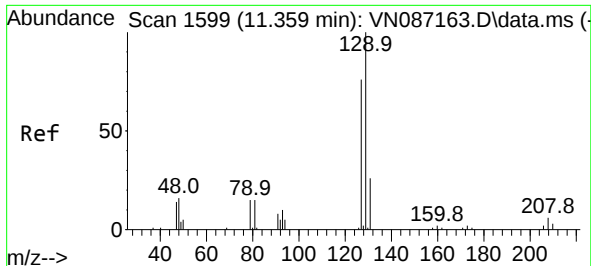
Tgt Ion: 69 Resp: 64033
Ion Ratio Lower Upper
69 100
41 55.6 31.8 95.3
39 36.8 15.3 45.8



#52
1,3-Dichloropropane
Concen: 17.983 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion: 76 Resp: 84603
Ion Ratio Lower Upper
76 100
78 31.6 0.0 63.0

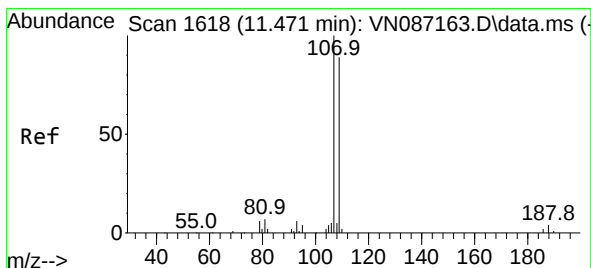
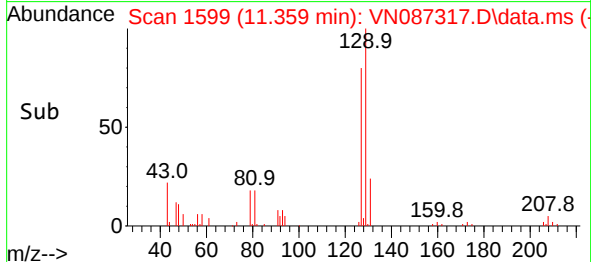
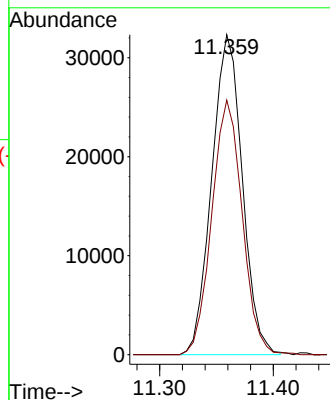
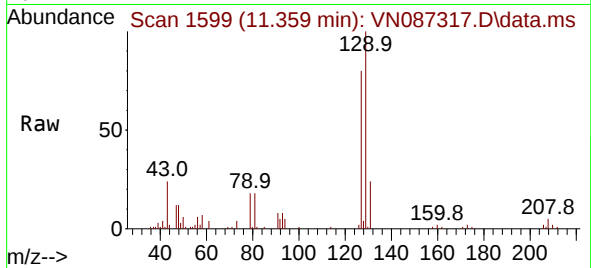




#53
Dibromochloromethane
Concen: 21.005 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

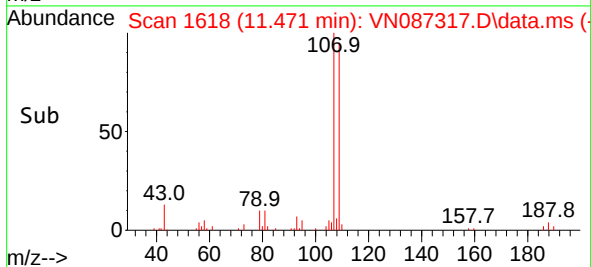
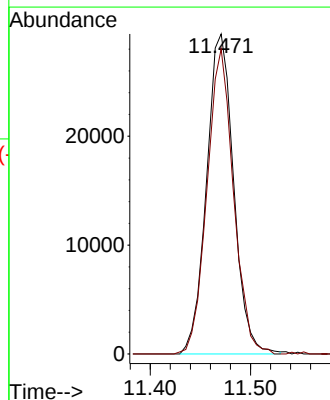
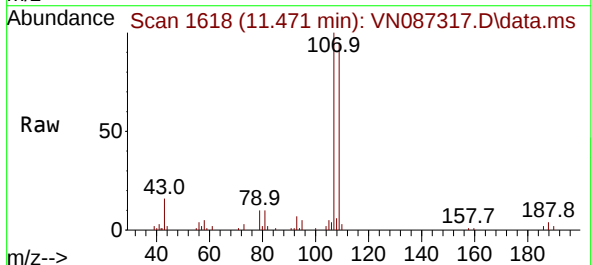
Instrument :
MSVOA_N
ClientSampleId :

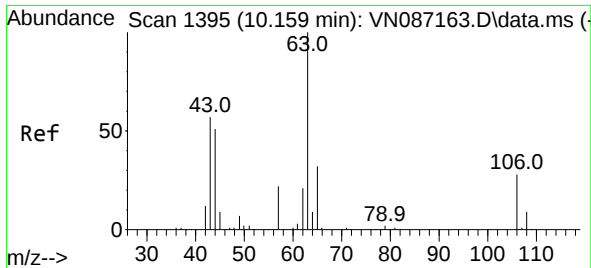
Tgt Ion:129 Resp: 60422
Ion Ratio Lower Upper
129 100
127 78.8 39.6 118.8



#54
1,2-Dibromoethane
Concen: 19.542 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion:107 Resp: 55248
Ion Ratio Lower Upper
107 100
109 93.1 73.5 110.3

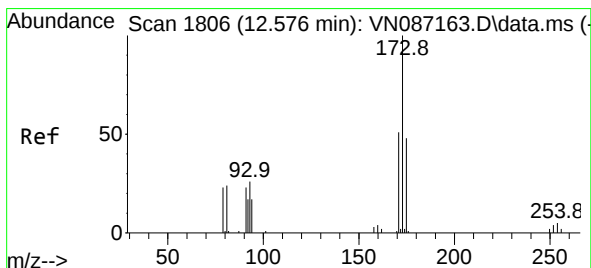
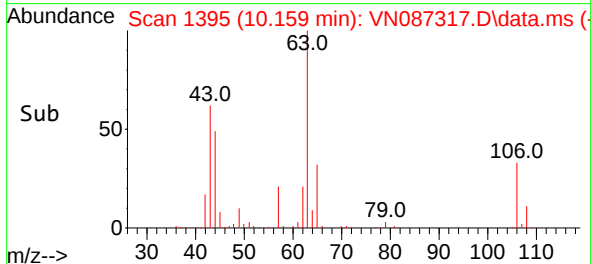
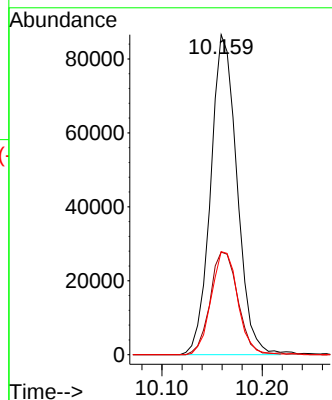
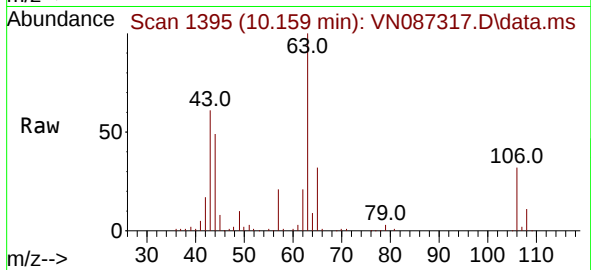




#55
2-Chloroethyl vinyl ether
Concen: 66.094 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

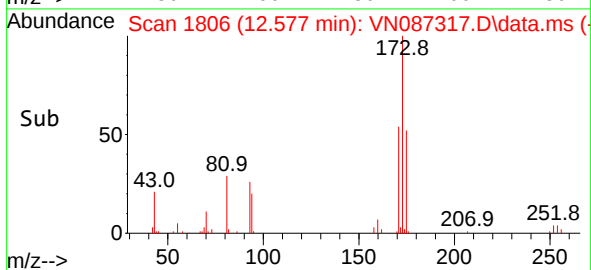
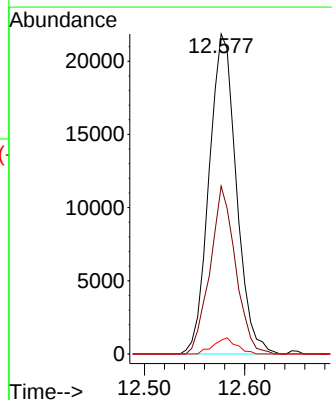
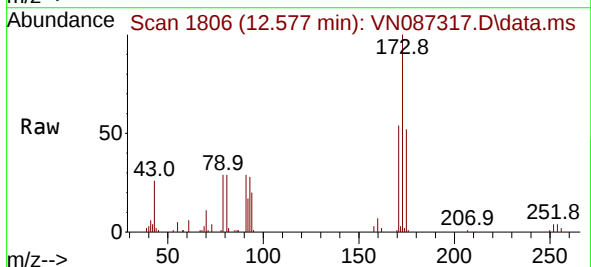
Instrument :
MSVOA_N
ClientSampleId :

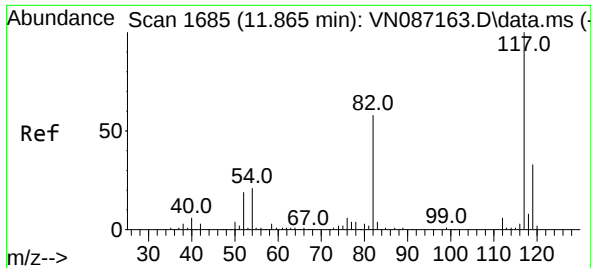
Tgt Ion: 63 Resp: 158012
Ion Ratio Lower Upper
63 100
65 33.5 25.6 38.4
106 32.5 21.9 32.9



#56
Bromoform
Concen: 20.862 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion:173 Resp: 41253
Ion Ratio Lower Upper
173 100
175 48.8 38.7 58.1
254 4.2 4.2 6.4#

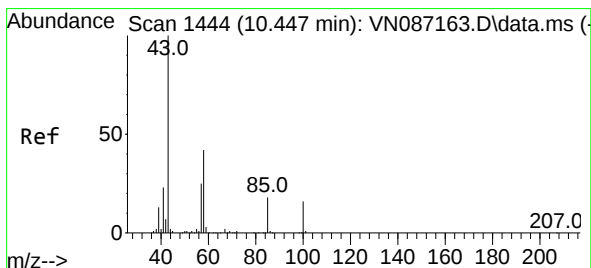
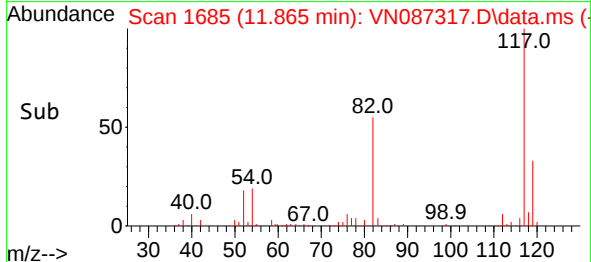
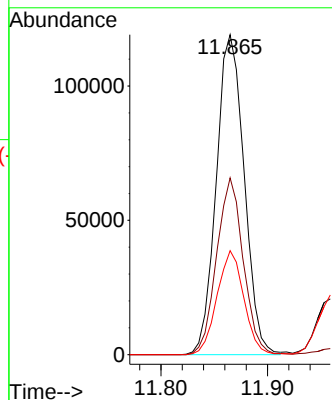
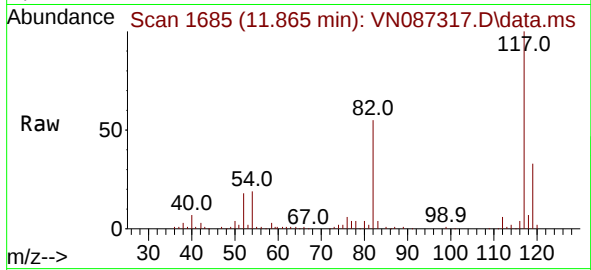




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

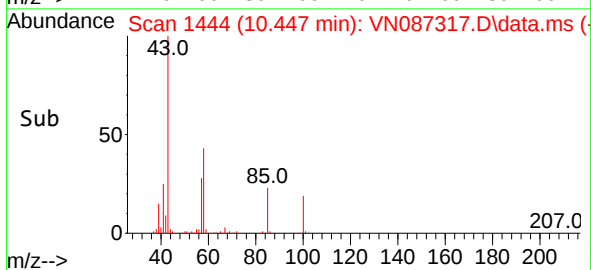
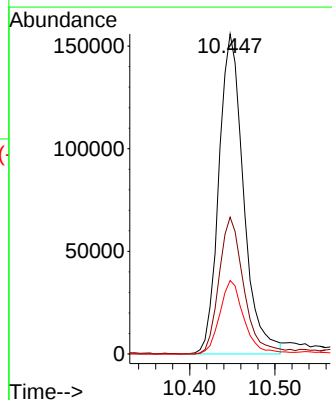
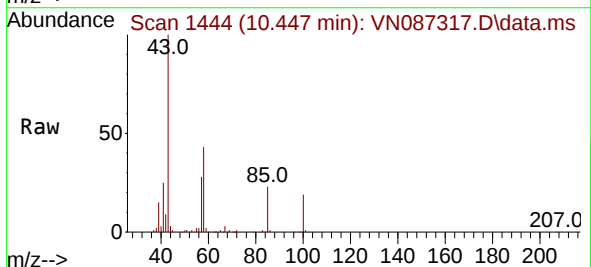
Instrument :
MSVOA_N
ClientSampleId :

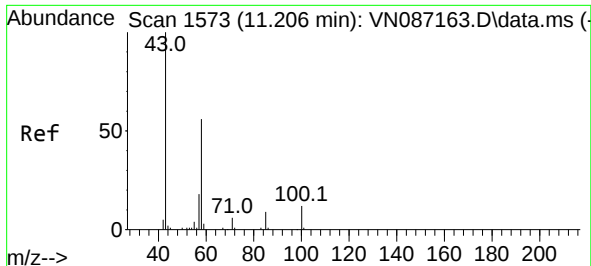
Tgt Ion:117 Resp: 216531
Ion Ratio Lower Upper
117 100
82 52.7 45.4 68.2
119 31.3 26.2 39.4



#58
4-Methyl-2-Pentanone
Concen: 72.162 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

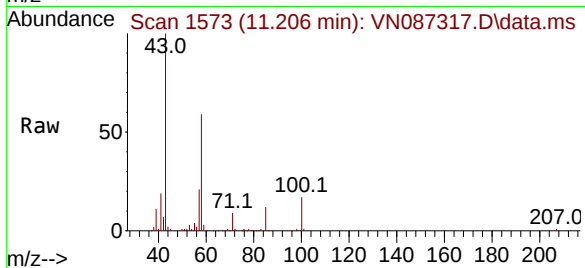
Tgt Ion: 43 Resp: 314125
Ion Ratio Lower Upper
43 100
58 43.3 32.6 49.0
85 22.6 14.6 22.0#



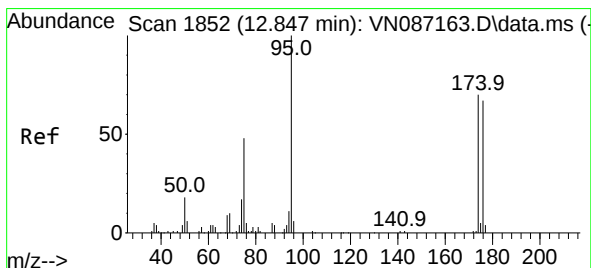
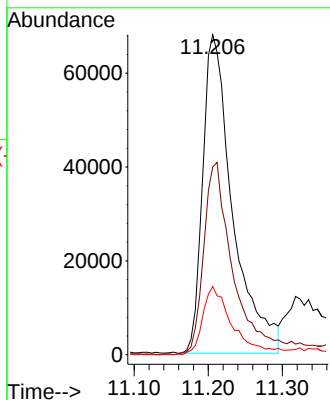
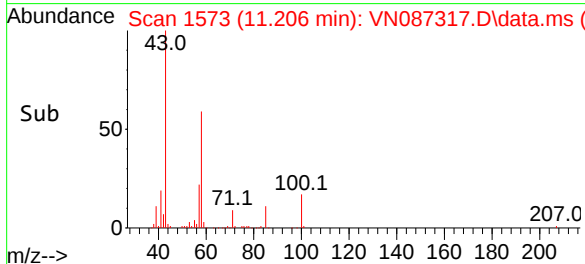


#59
2-Hexanone
Concen: 67.948 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :

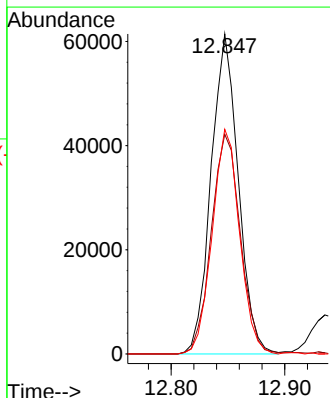
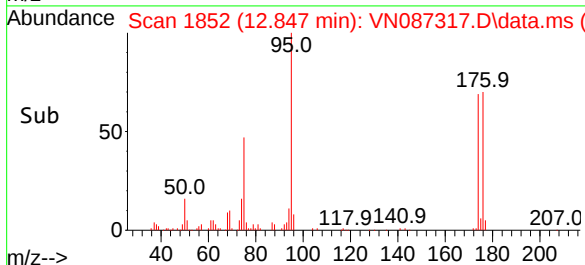
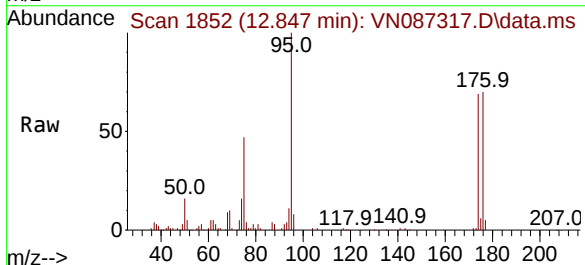


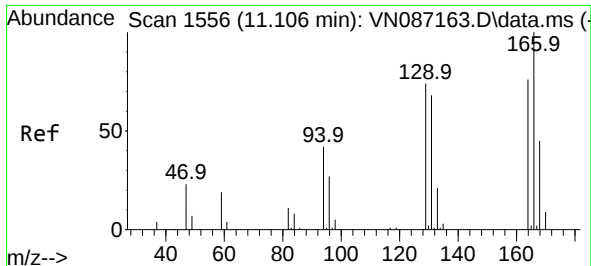
Tgt Ion: 43 Resp: 190995
Ion Ratio Lower Upper
43 100
58 59.1 49.2 73.8
57 20.7 15.3 22.9



#60
4-Bromofluorobenzene
Concen: 30.646 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

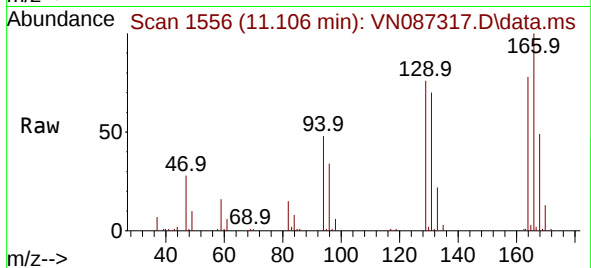
Tgt Ion: 95 Resp: 102398
Ion Ratio Lower Upper
95 100
174 73.3 54.5 81.7
176 70.6 51.9 77.9



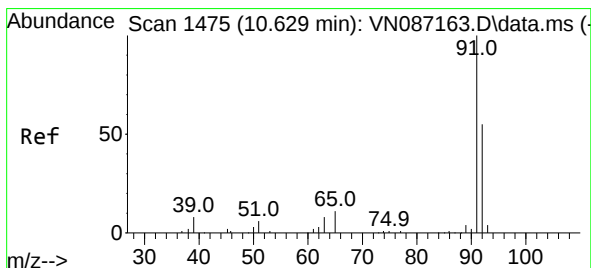
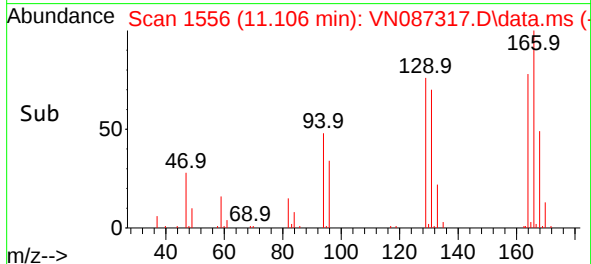
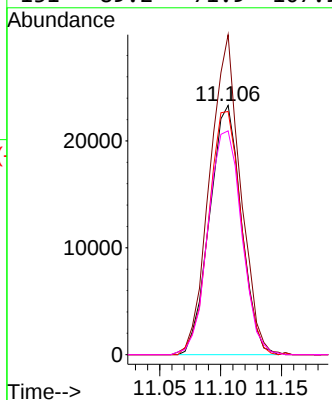


#61
Tetrachloroethene
Concen: 19.748 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :

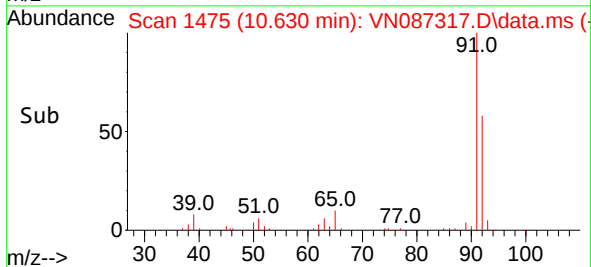
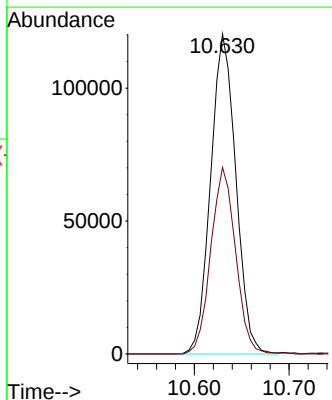
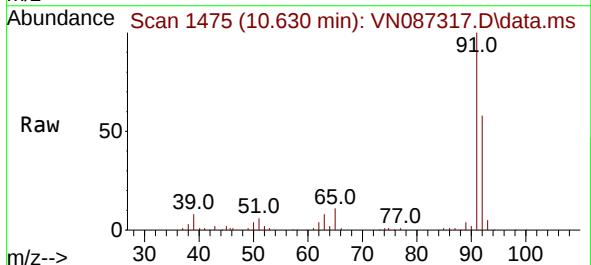


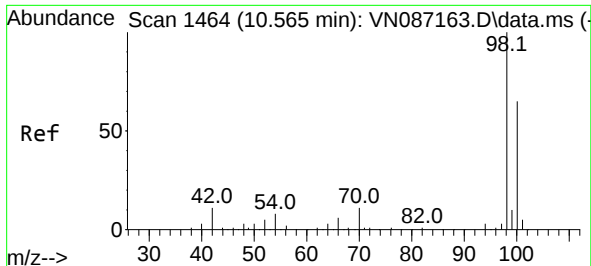
Tgt Ion:164 Resp: 42345
Ion Ratio Lower Upper
164 100
166 127.4 105.4 158.2
129 97.6 77.9 116.9
131 89.2 71.9 107.9



#62
Toluene
Concen: 18.185 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion: 91 Resp: 222388
Ion Ratio Lower Upper
91 100
92 57.2 45.8 68.8

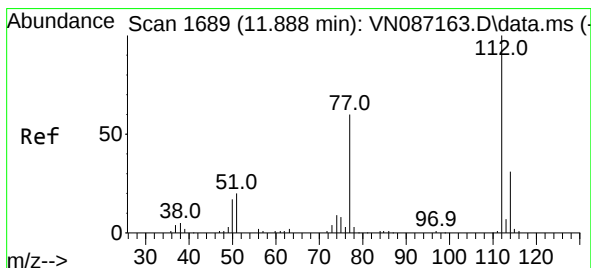
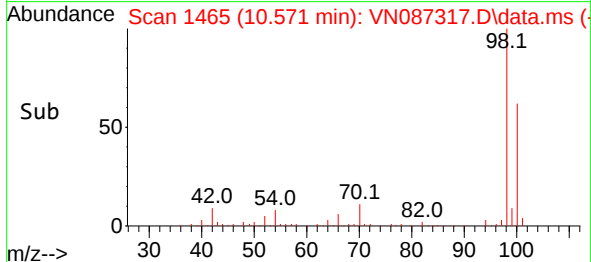
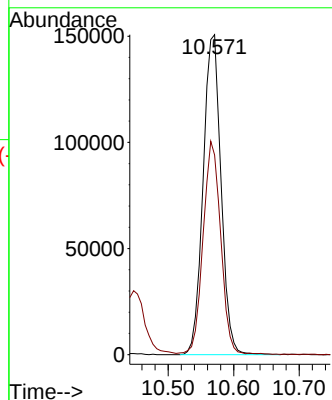
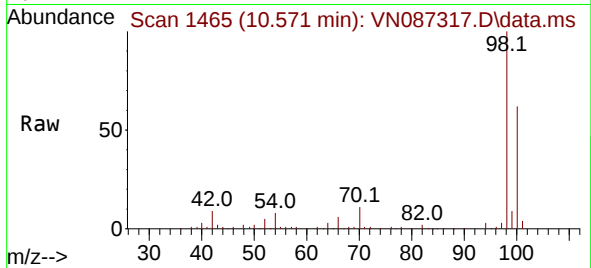




#63
Toluene-d8
Concen: 29.472 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

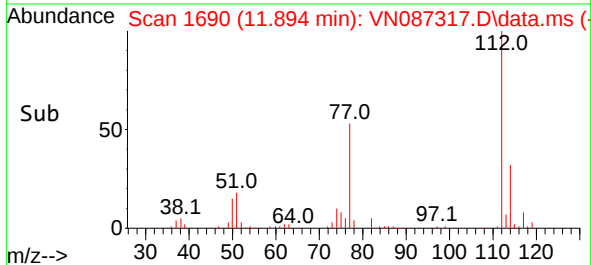
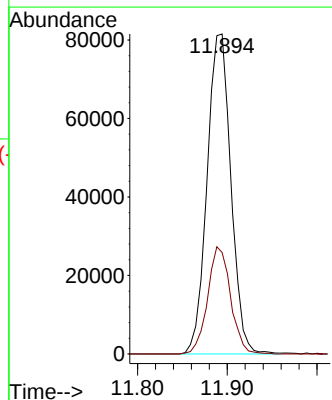
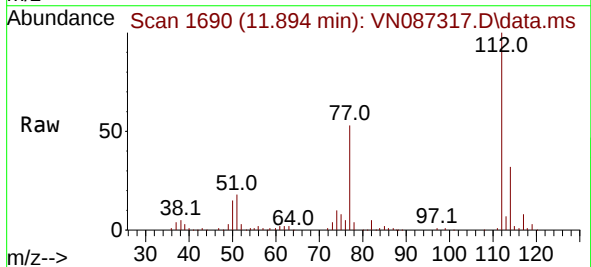
Instrument :
MSVOA_N
ClientSampleId :

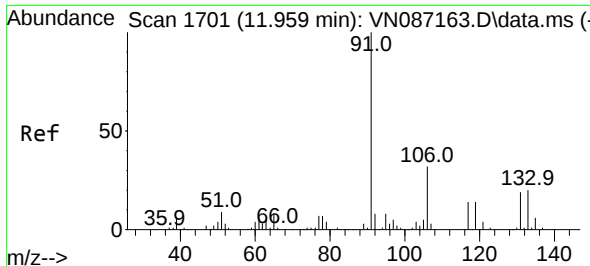
Tgt Ion: 98 Resp: 286529
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#64
Chlorobenzene
Concen: 19.292 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion: 112 Resp: 150496
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4

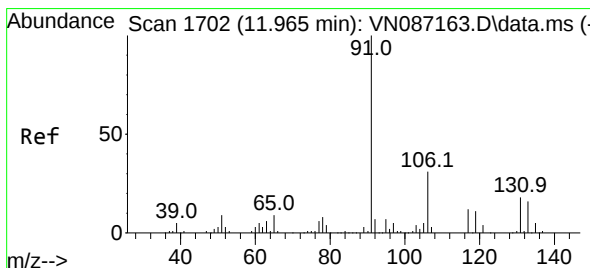
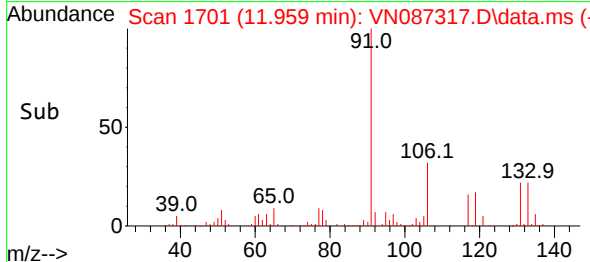
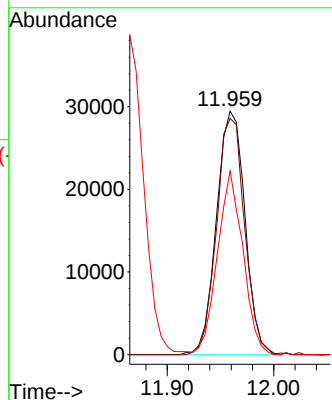
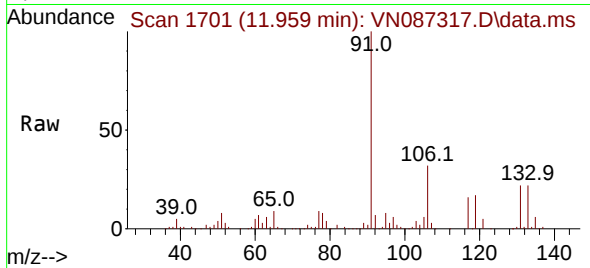




#65
1,1,1,2-Tetrachloroethane
Concen: 21.183 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

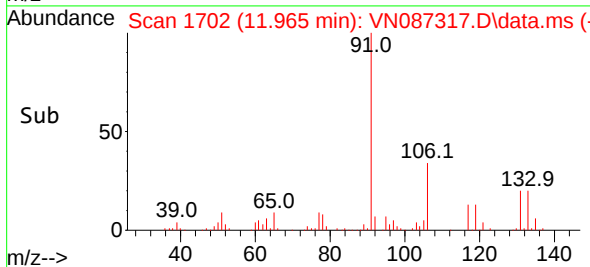
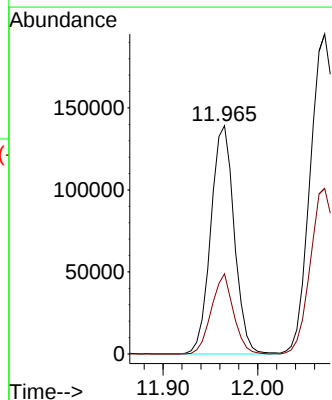
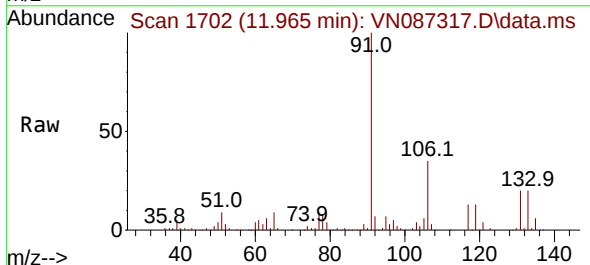
Instrument :
MSVOA_N
ClientSampleId :

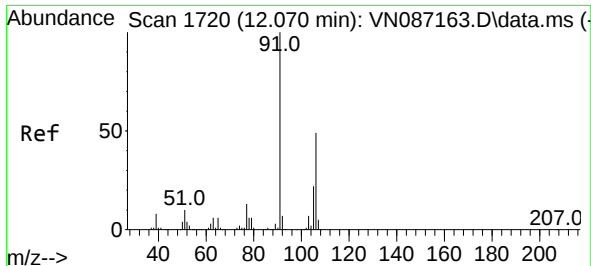
Tgt Ion:131 Resp: 54599
Ion Ratio Lower Upper
131 100
133 95.6 0.0 187.8
119 67.6 0.0 140.0



#66
Ethyl Benzene
Concen: 17.898 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion: 91 Resp: 239575
Ion Ratio Lower Upper
91 100
106 35.1 24.8 37.2

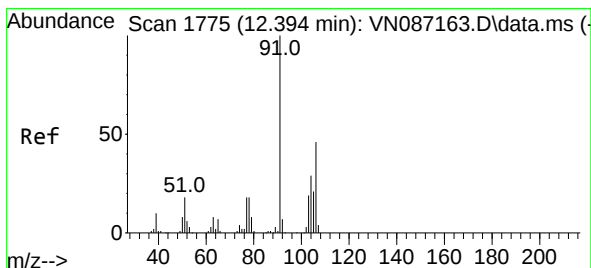
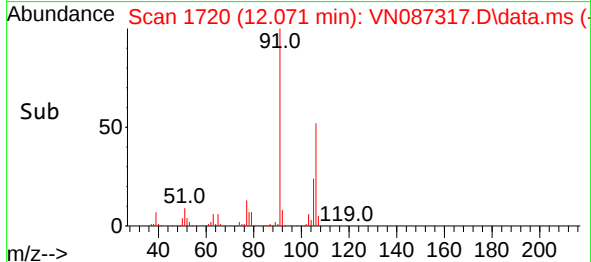
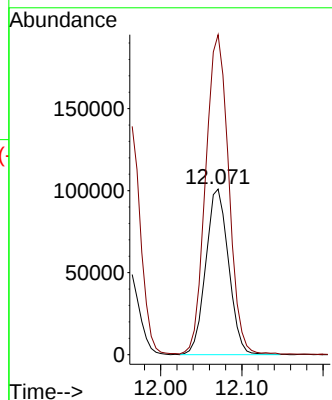
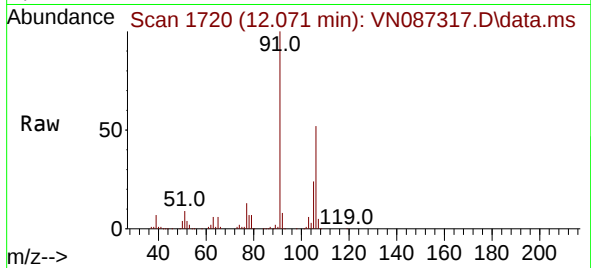




#67
m/p-Xylenes
Concen: 38.431 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

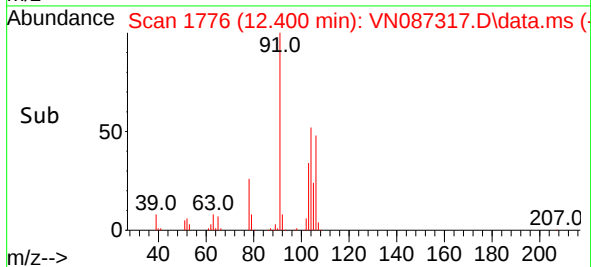
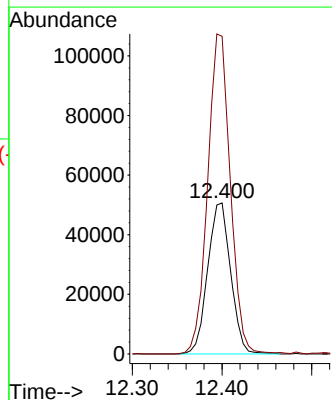
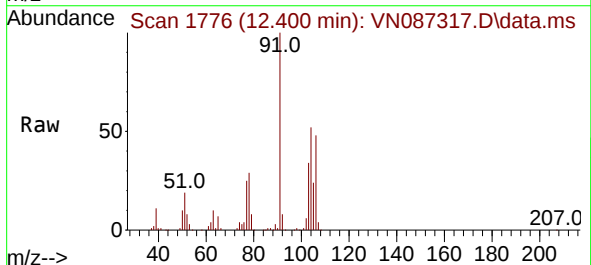
Instrument :
MSVOA_N
ClientSampleId :

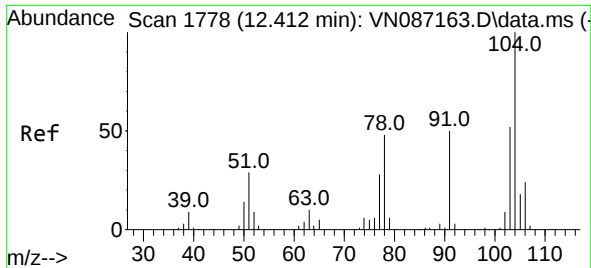
Tgt Ion:106 Resp: 197128
Ion Ratio Lower Upper
106 100
91 196.1 163.0 244.4



#68
o-Xylene
Concen: 18.413 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

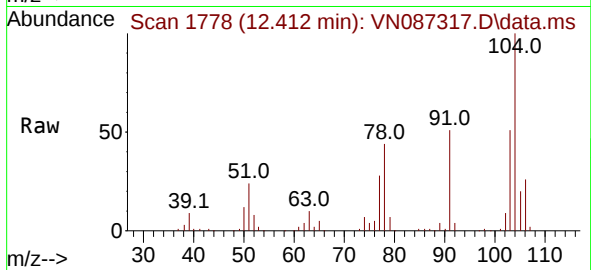
Tgt Ion:106 Resp: 90109
Ion Ratio Lower Upper
106 100
91 208.7 107.1 321.1



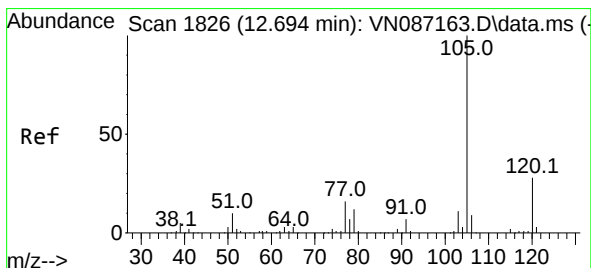
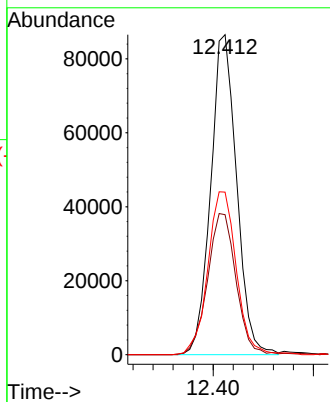
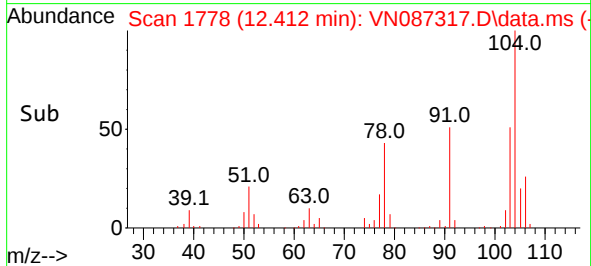


#69
Styrene
Concen: 18.513 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

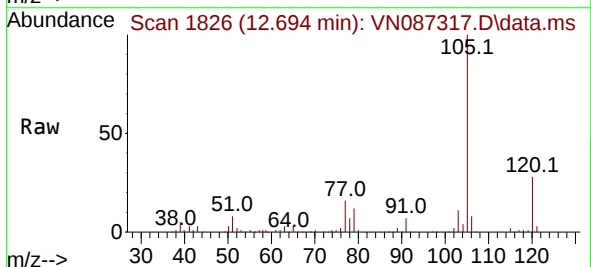
Instrument :
MSVOA_N
ClientSampleId :



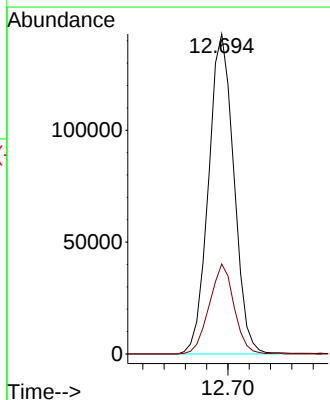
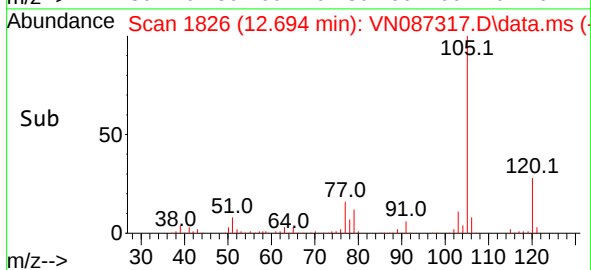
Tgt Ion:104 Resp: 155538
Ion Ratio Lower Upper
104 100
78 48.0 39.8 59.8
103 55.6 44.2 66.4

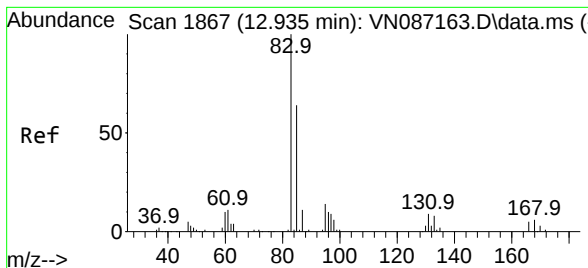


#70
Isopropylbenzene
Concen: 19.400 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16



Tgt Ion:105 Resp: 236446
Ion Ratio Lower Upper
105 100
120 27.3 19.0 35.2

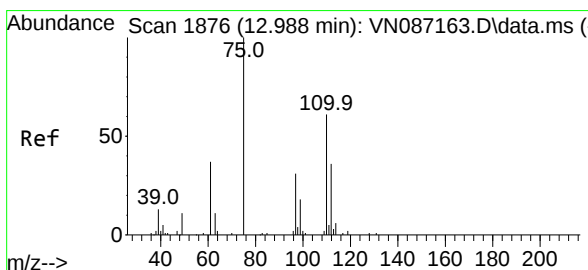
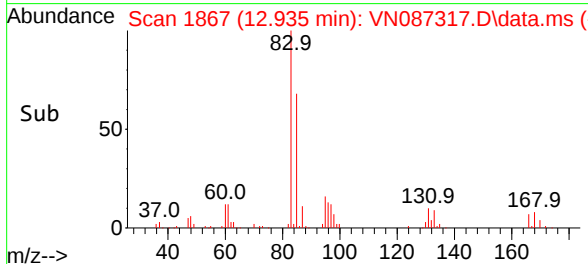
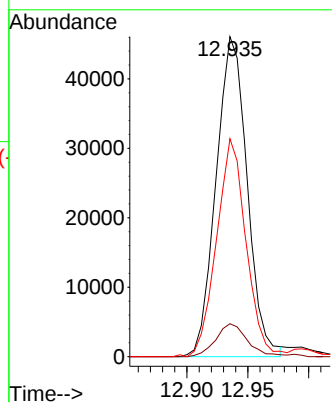
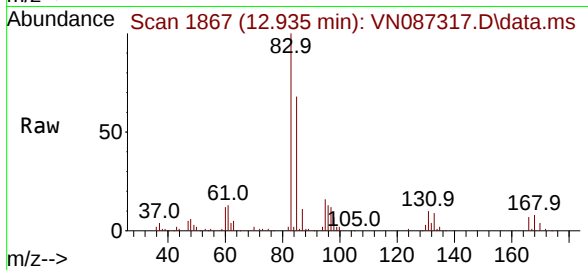




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.628 ug/l
 RT: 12.935 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN087317.D
 Acq: 10 Jul 2025 11:16

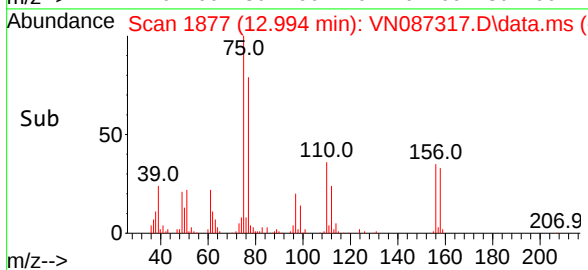
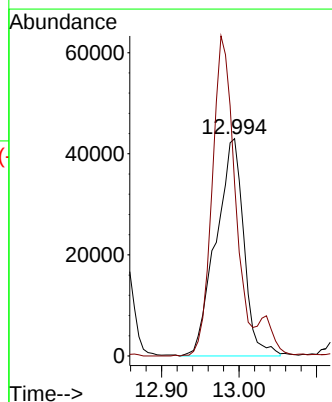
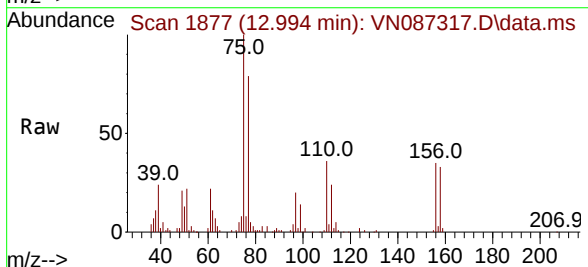
Instrument :
 MSVOA_N
 ClientSampleId :

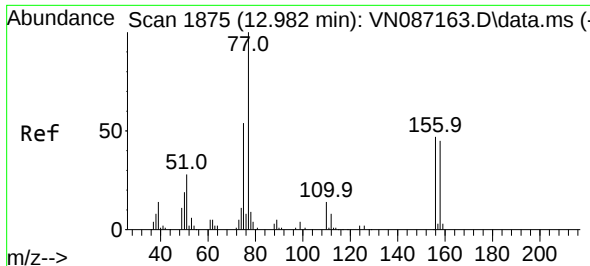
Tgt Ion: 83 Resp: 81718
 Ion Ratio Lower Upper
 83 100
 131 10.5 4.5 13.4
 85 64.6 31.3 93.9



#72
 1,2,3-Trichloropropane
 Concen: 28.455 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN087317.D
 Acq: 10 Jul 2025 11:16

Tgt Ion: 75 Resp: 107645
 Ion Ratio Lower Upper
 75 100
 77 119.5 0.0 379.2

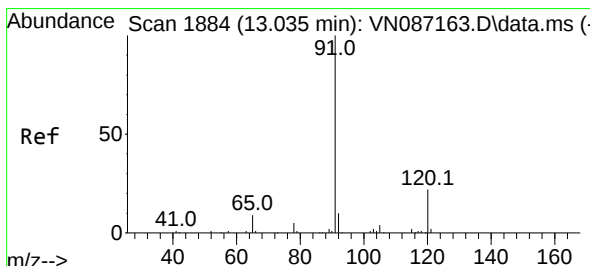
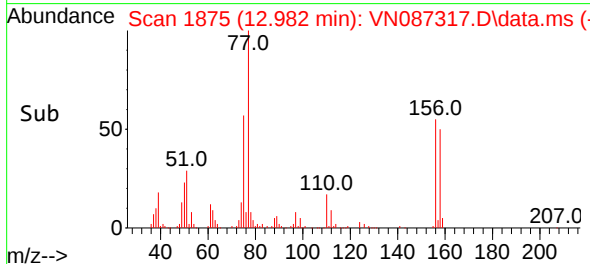
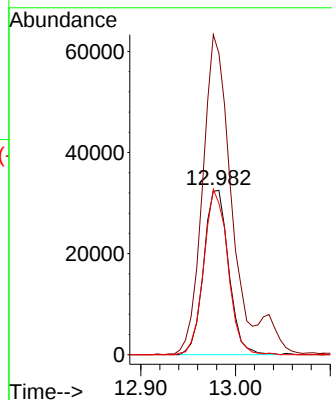
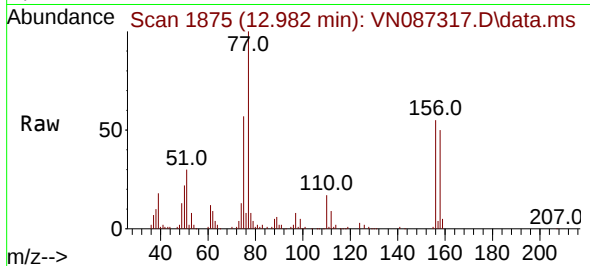




#73
Bromobenzene
Concen: 20.177 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

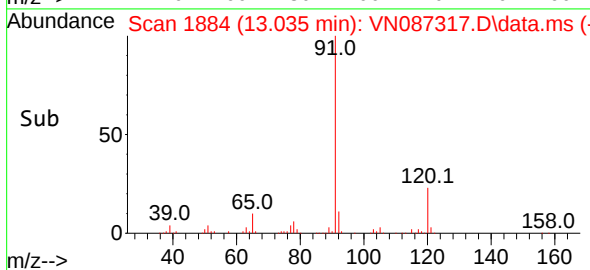
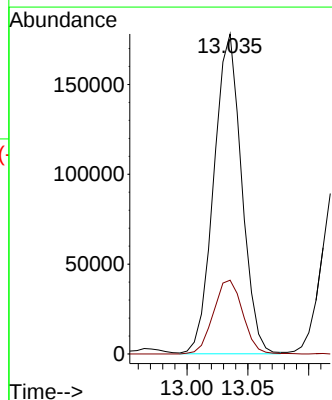
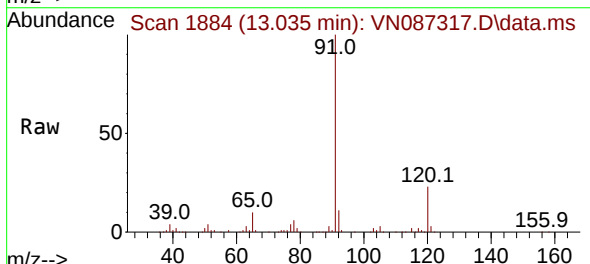
Instrument :
MSVOA_N
ClientSampleId :

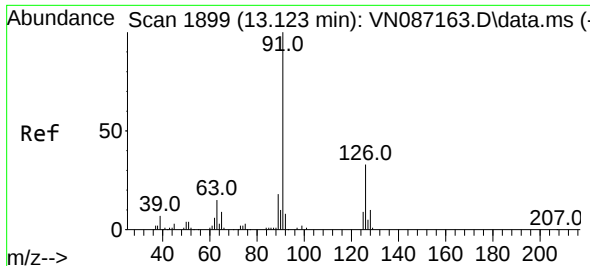
Tgt Ion	Ratio	Lower	Upper
156	100		
77	215.7	0.0	489.0
158	97.0	0.0	195.2



#74
n-propylbenzene
Concen: 19.012 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	0.0	43.6

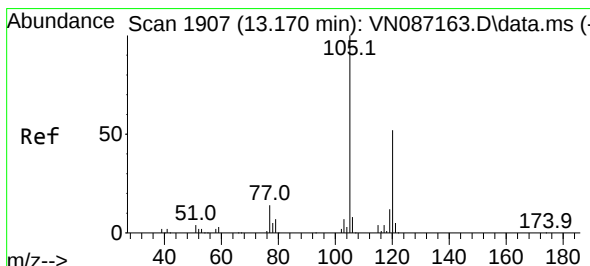
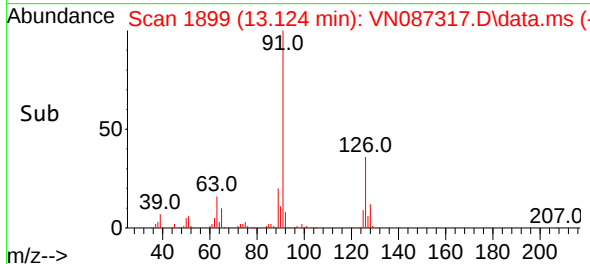
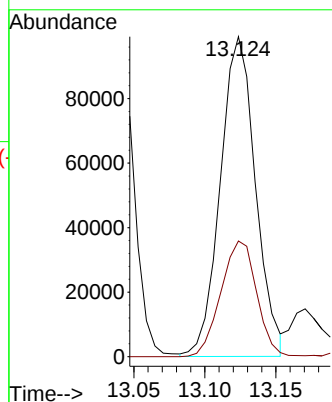
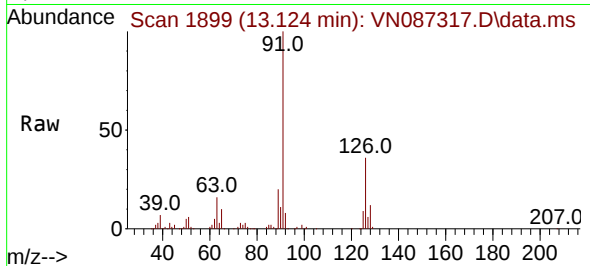




#75
2-Chlorotoluene
Concen: 19.005 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

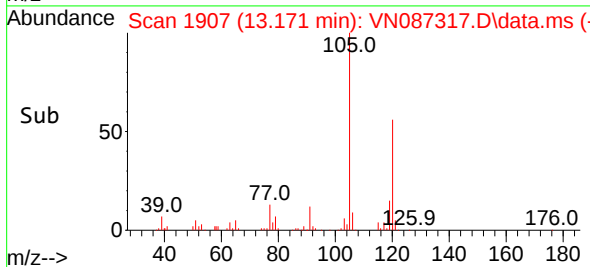
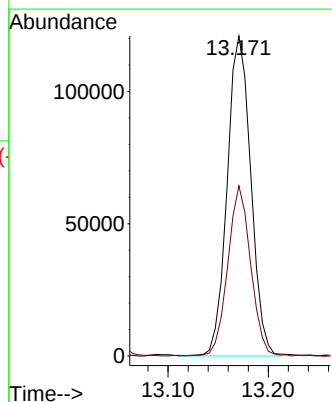
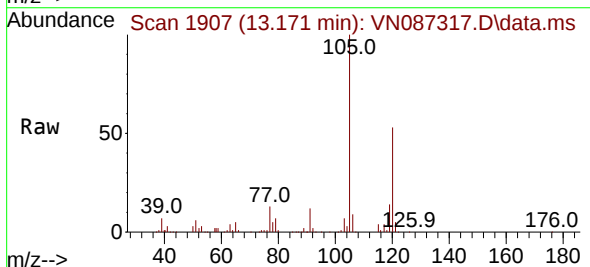
Instrument :
MSVOA_N
ClientSampleId :

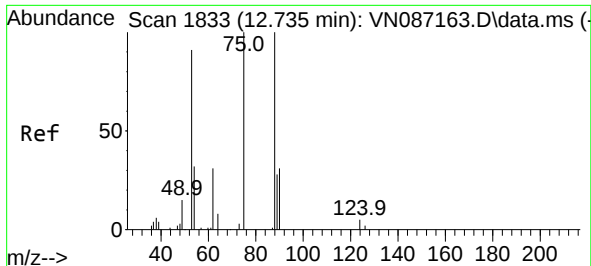
Tgt Ion: 91 Resp: 170964
Ion Ratio Lower Upper
91 100
126 36.7 0.0 63.8



#76
1,3,5-Trimethylbenzene
Concen: 19.957 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion: 105 Resp: 198006
Ion Ratio Lower Upper
105 100
120 51.3 0.0 100.8

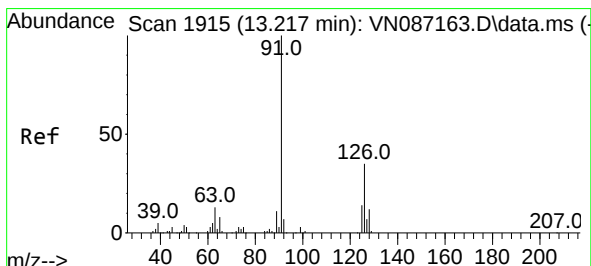
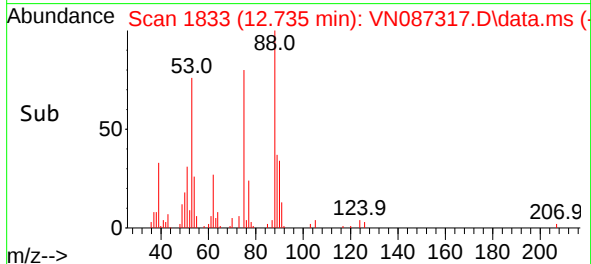
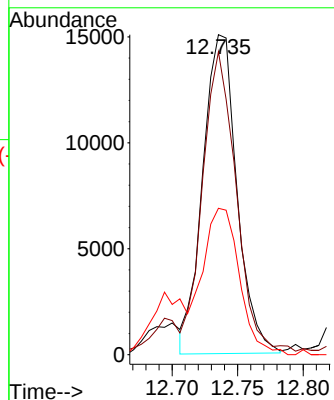
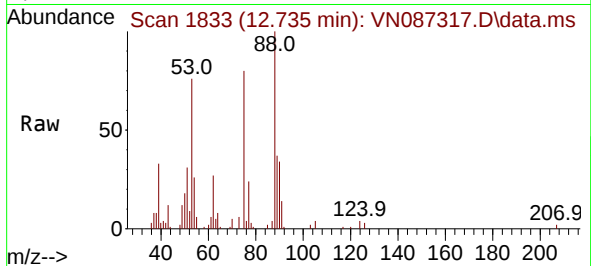




#77
t-1,4-Dichloro-2-butene
Concen: 16.303 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

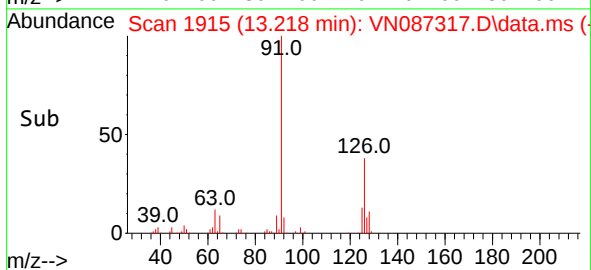
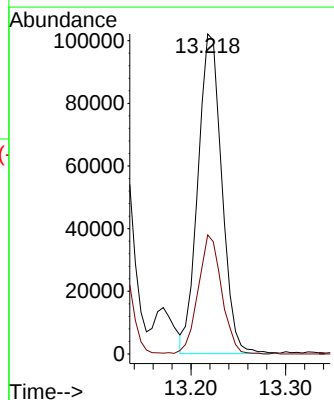
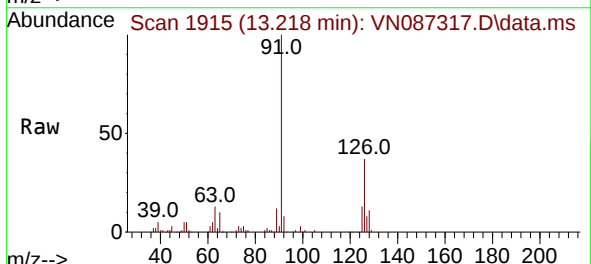
Instrument :
MSVOA_N
ClientSampleId :

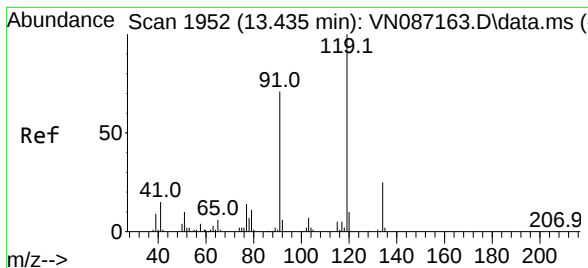
Tgt Ion: 75 Resp: 27358
Ion Ratio Lower Upper
75 100
53 92.9 45.9 137.6
89 44.6 22.3 66.9



#78
4-Chlorotoluene
Concen: 19.376 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion: 91 Resp: 178513
Ion Ratio Lower Upper
91 100
126 36.6 0.0 65.2





#79

tert-butylbenzene

Concen: 20.626 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN087317.D

Acq: 10 Jul 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

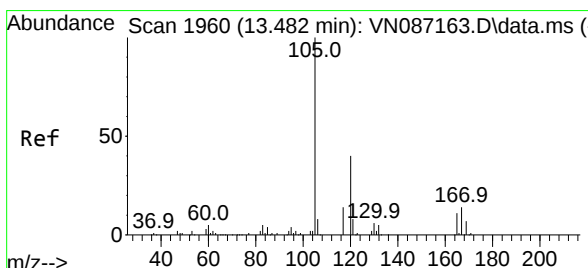
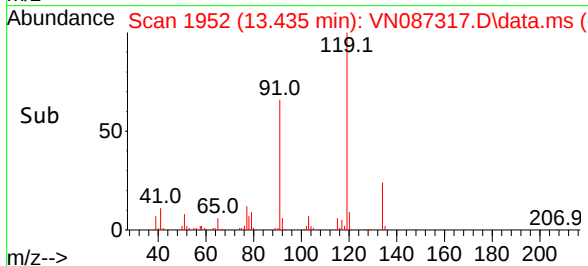
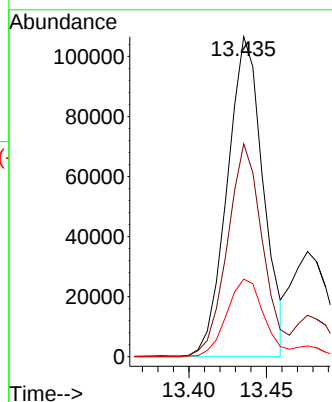
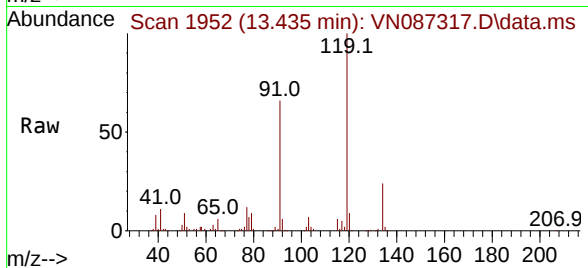
Tgt Ion:119 Resp: 172022

Ion Ratio Lower Upper

119 100

91 65.2 0.0 137.0

134 25.1 0.0 49.4



#80

1,2,4-Trimethylbenzene

Concen: 20.149 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN087317.D

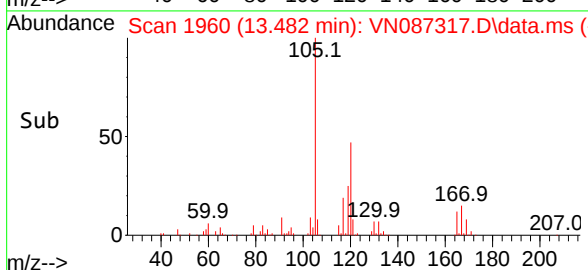
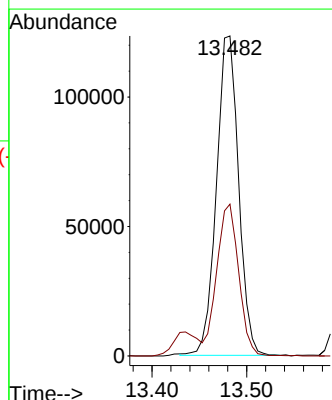
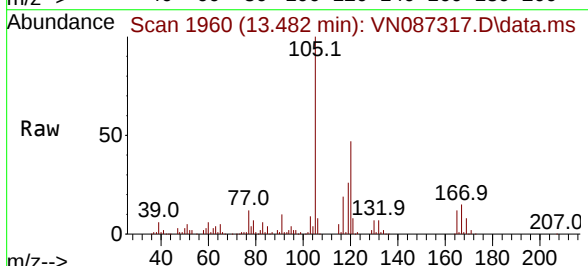
Acq: 10 Jul 2025 11:16

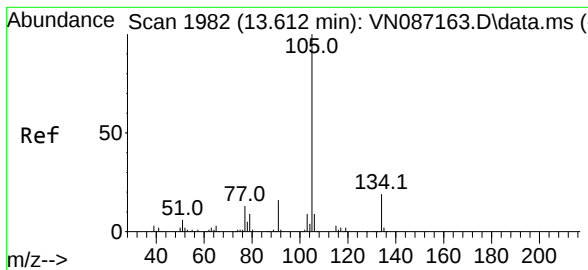
Tgt Ion:105 Resp: 200752

Ion Ratio Lower Upper

105 100

120 47.0 0.0 94.0

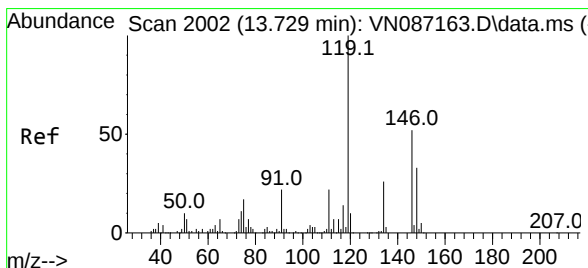
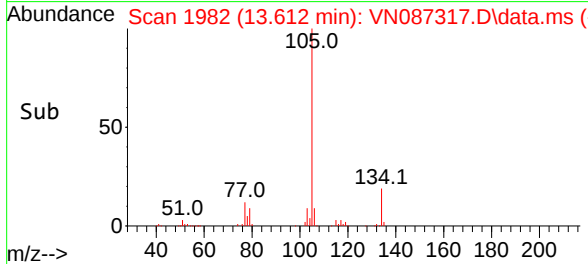
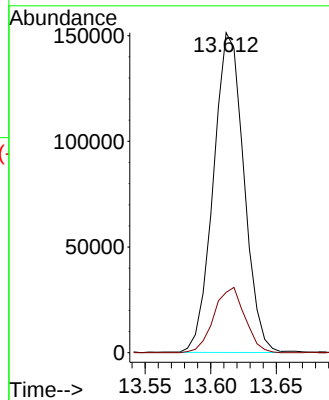
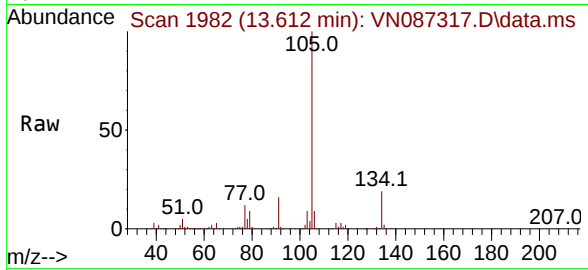




#81
 sec-Butylbenzene
 Concen: 20.176 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN087317.D
 Acq: 10 Jul 2025 11:16

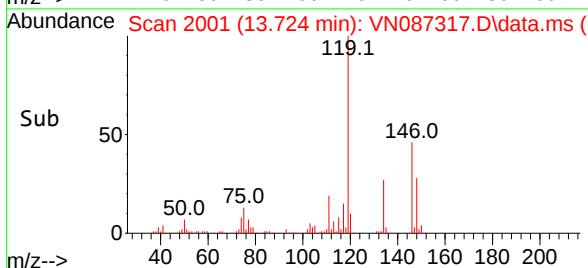
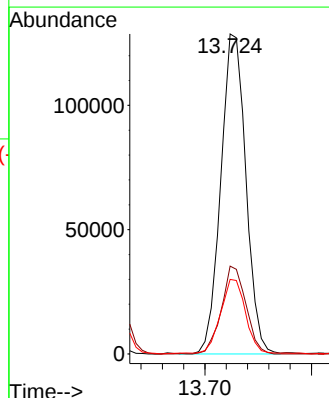
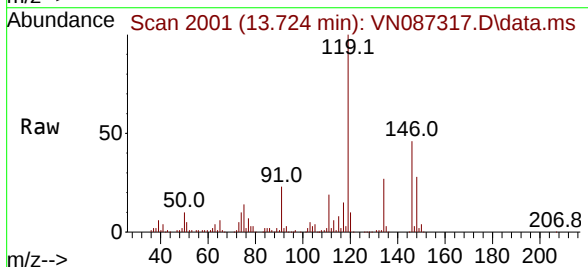
Instrument :
 MSVOA_N
 ClientSampleId :

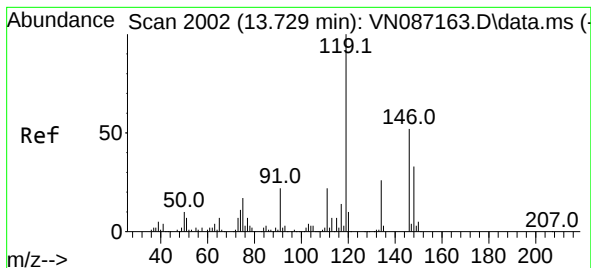
Tgt Ion:105 Resp: 244608
 Ion Ratio Lower Upper
 105 100
 134 20.7 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 20.846 ug/l
 RT: 13.724 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN087317.D
 Acq: 10 Jul 2025 11:16

Tgt Ion:119 Resp: 210330
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 51.2
 91 23.2 0.0 46.4





#83

1,3-Dichlorobenzene

Concen: 21.891 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN087317.D

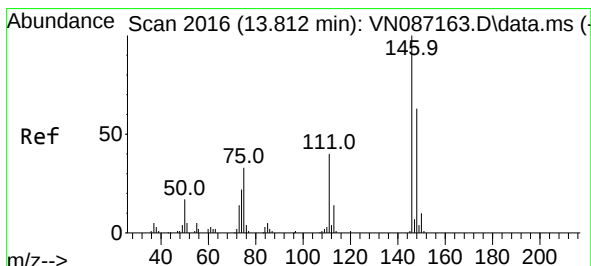
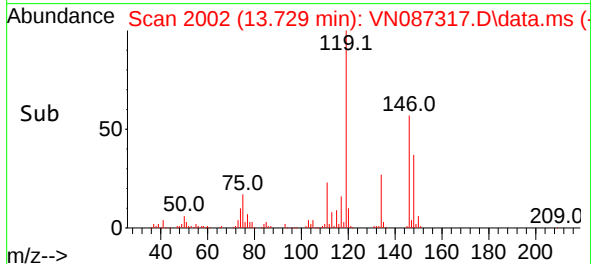
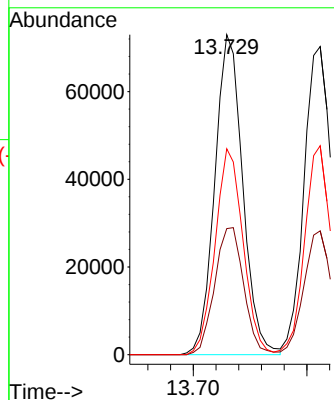
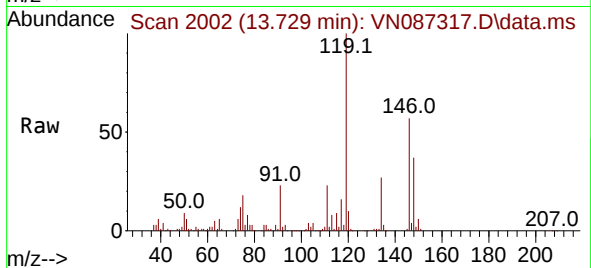
Acq: 10 Jul 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	146	Resp:	124627
Ion Ratio	Lower	Upper	
146	100		
111	41.3	21.1	63.3
148	64.4	31.6	94.8



#84

1,4-Dichlorobenzene

Concen: 21.332 ug/l

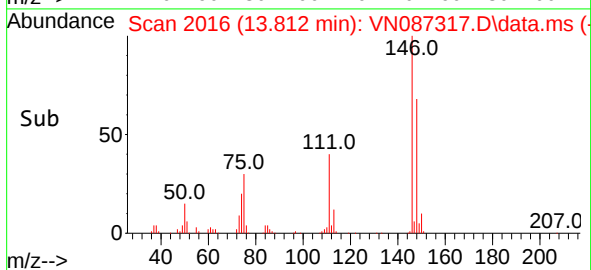
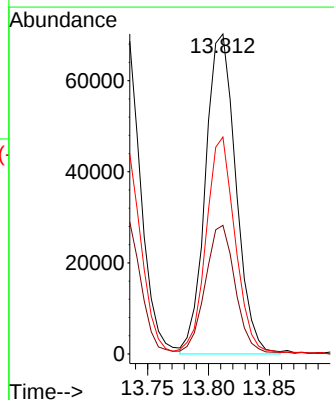
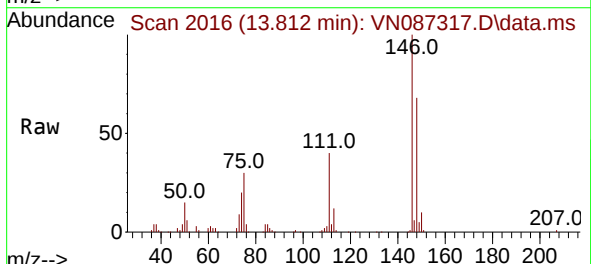
RT: 13.812 min Scan# 2016

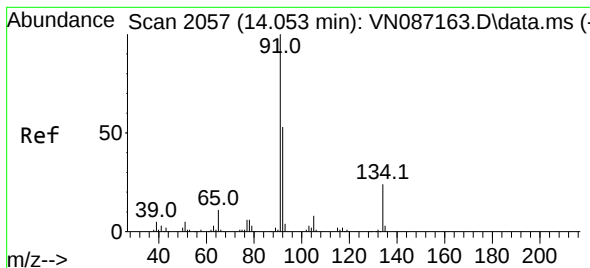
Delta R.T. 0.000 min

Lab File: VN087317.D

Acq: 10 Jul 2025 11:16

Tgt Ion:	146	Resp:	122230
Ion Ratio	Lower	Upper	
146	100		
111	38.6	20.1	60.2
148	63.7	31.4	94.2





#85

n-Butylbenzene

Concen: 19.323 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN087317.D

Acq: 10 Jul 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

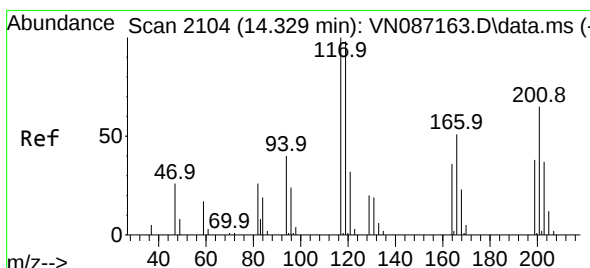
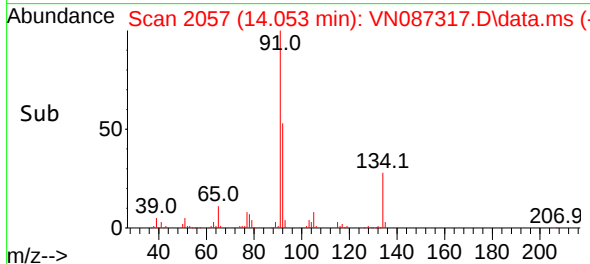
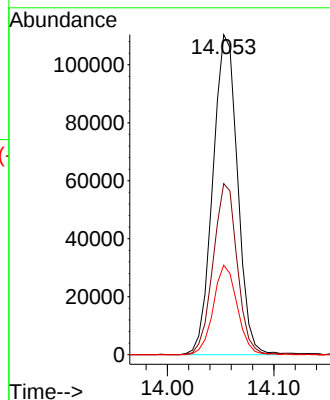
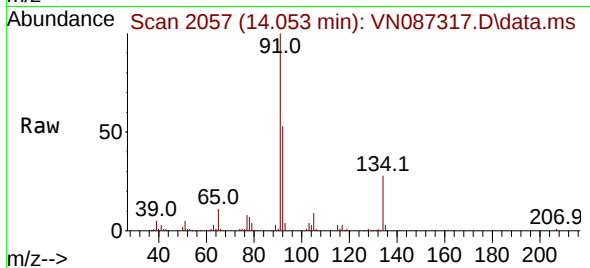
Tgt Ion: 91 Resp: 177875

Ion Ratio Lower Upper

91 100

92 51.9 0.0 106.4

134 27.0 0.0 48.8



#86

Hexachloroethane

Concen: 21.196 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN087317.D

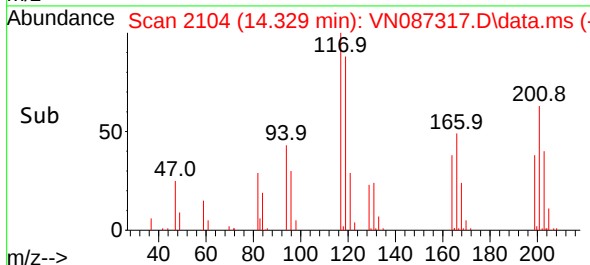
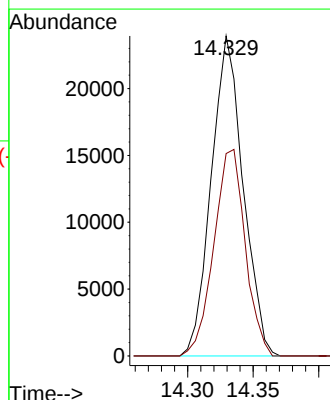
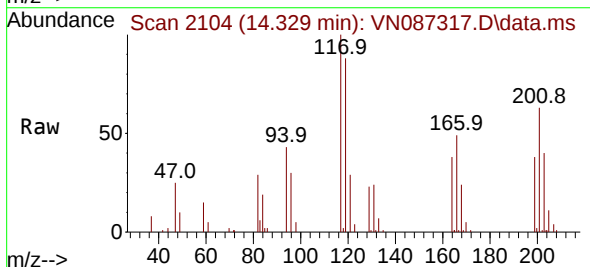
Acq: 10 Jul 2025 11:16

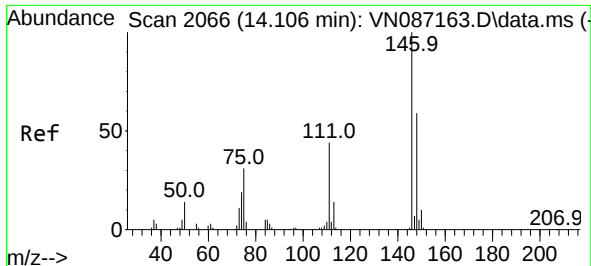
Tgt Ion: 117 Resp: 40482

Ion Ratio Lower Upper

117 100

201 63.5 30.8 92.3

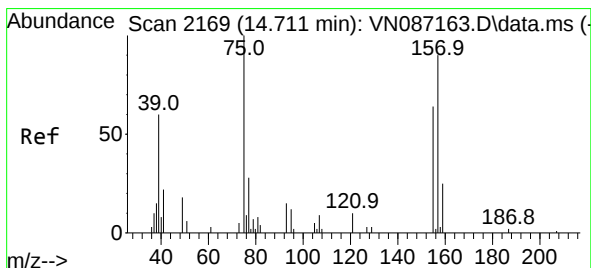
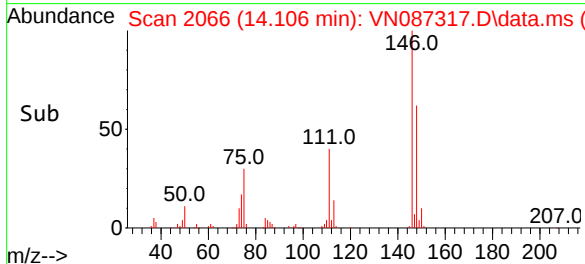
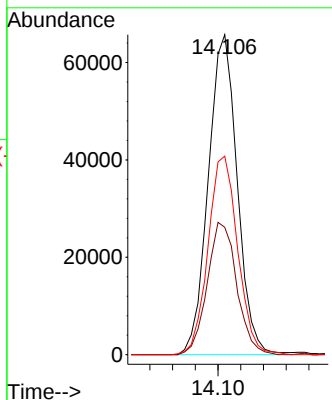
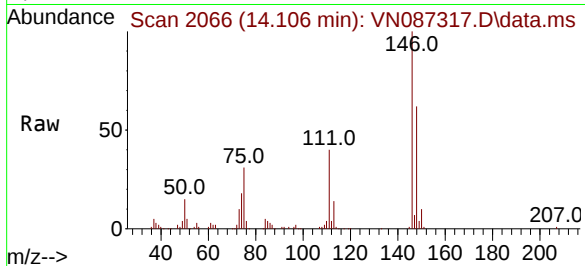




#87
1,2-Dichlorobenzene
Concen: 21.648 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

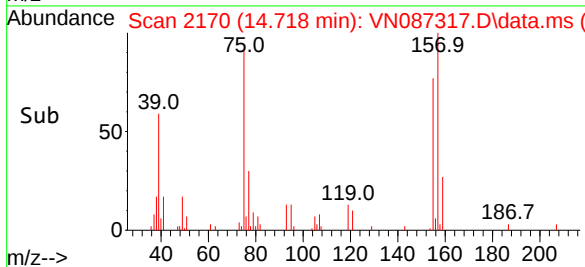
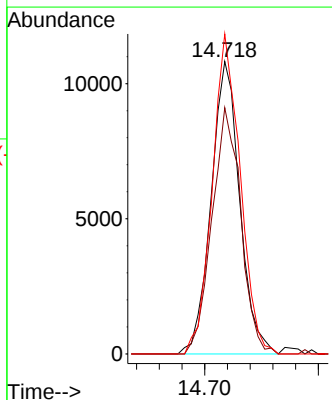
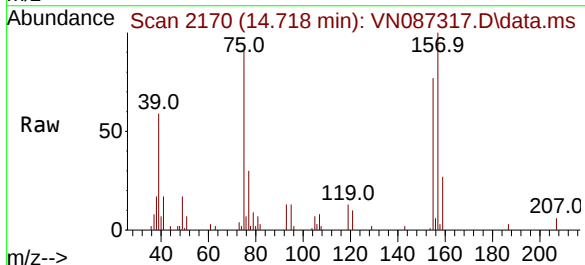
Instrument :
MSVOA_N
ClientSampleId :

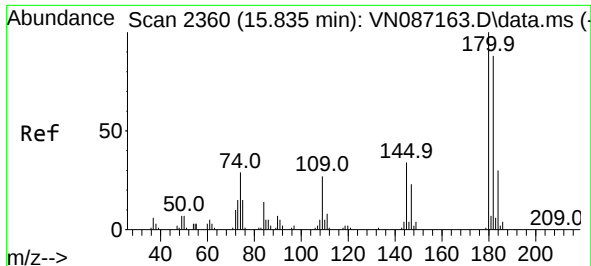
Tgt Ion:	146	Resp:	116209
Ion Ratio	Lower	Upper	
146	100		
111	42.2	22.1	66.1
148	63.7	31.6	95.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.145 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion:	75	Resp:	18912
Ion Ratio	Lower	Upper	
75	100		
155	84.9	58.3	87.5
157	107.0	79.2	118.8

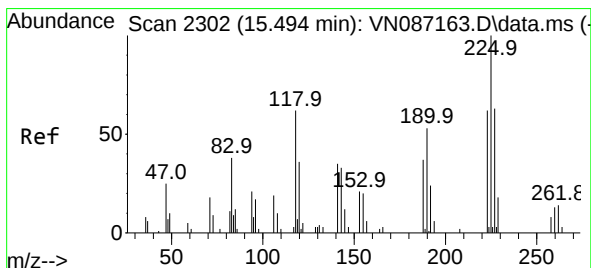
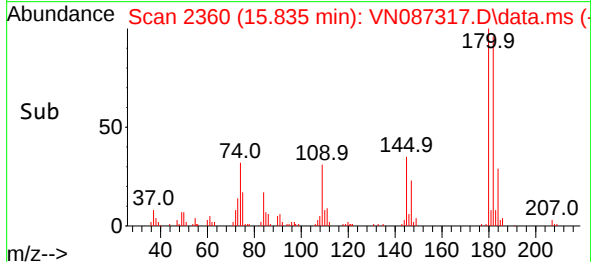
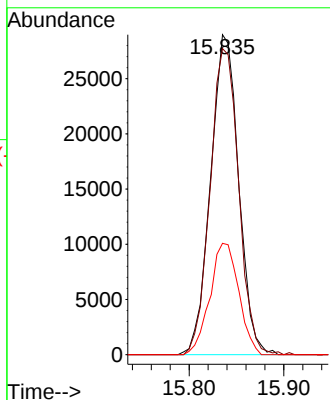
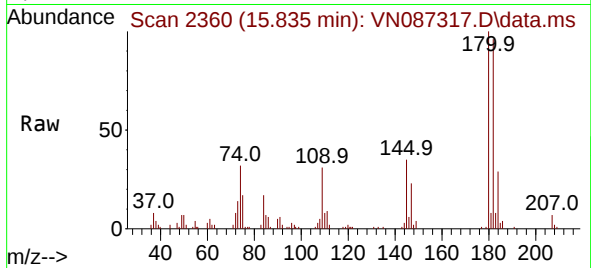




#89
1,2,4-Trichlorobenzene
Concen: 19.653 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

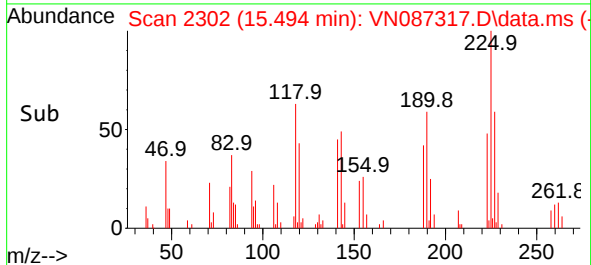
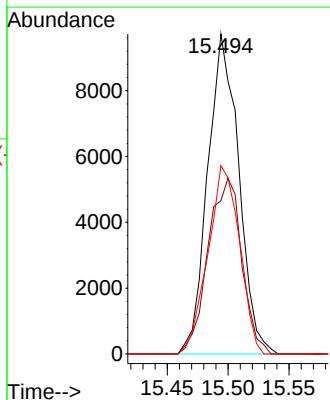
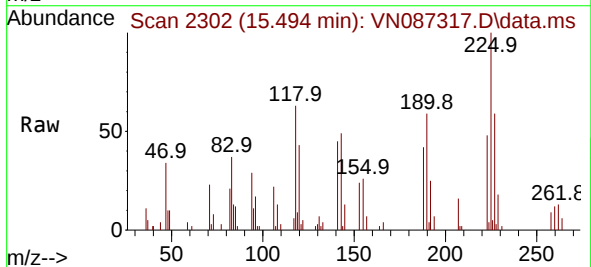
Instrument :
MSVOA_N
ClientSampleId :

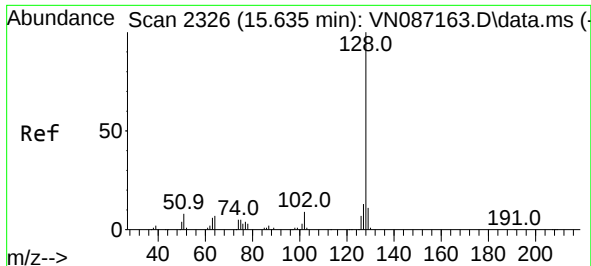
Tgt Ion:180 Resp: 59688
Ion Ratio Lower Upper
180 100
182 97.1 74.2 111.2
145 35.7 27.6 41.4



#90
Hexachlorobutadiene
Concen: 19.102 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion:225 Resp: 17215
Ion Ratio Lower Upper
225 100
223 59.7 0.0 134.2
227 59.9 0.0 122.6

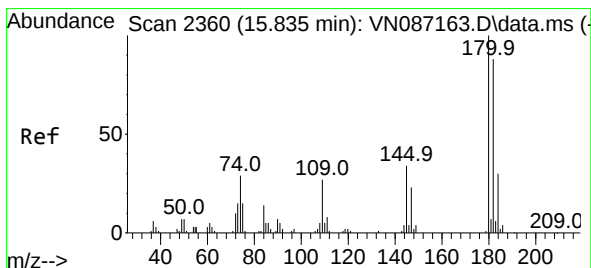
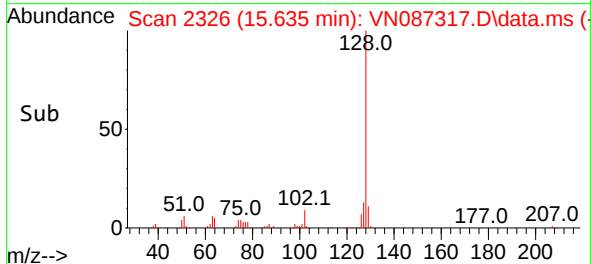
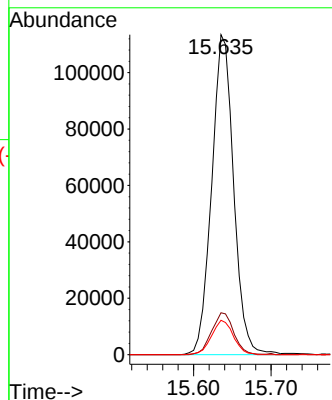
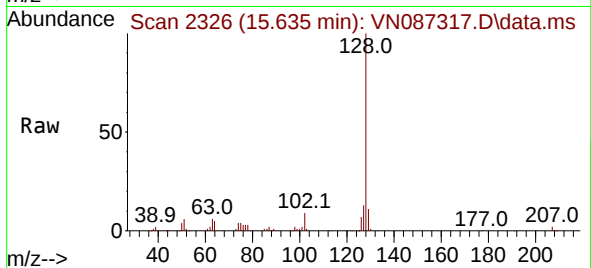




#91
Naphthalene
Concen: 18.668 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 223133
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.7 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 19.653 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion:180 Resp: 59688
Ion Ratio Lower Upper
180 100
182 97.1 0.0 185.4
145 35.7 0.0 69.0

