

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071025\
 Data File : VN087318.D
 Acq On : 10 Jul 2025 11:53
 Operator : JC\MD
 Sample : VN0710WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 11 01:08:15 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	43478	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	213327	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	206435	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	89417	27.296	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	91.000%
60) 4-Bromofluorobenzene	12.847	95	96219	30.205	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.700%
63) Toluene-d8	10.565	98	266713	28.775	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.933%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	38632	14.761	ug/l	99
3) Chloromethane	2.401	50	34367	12.856	ug/l	96
4) Vinyl Chloride	2.554	62	40108	13.805	ug/l	100
5) Bromomethane	3.001	94	36871	23.913	ug/l	84
6) Chloroethane	3.159	64	34534	22.159	ug/l	95
7) Trichlorofluoromethane	3.530	101	66118	18.553	ug/l	95
8) Diethyl Ether	3.989	74	25973	14.834	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.395	101	42899	16.237	ug/l	69
10) 1,1-Dichloroethene	4.365	96	39401	14.960	ug/l	95
11) Methyl Iodide	4.618	142	44964	19.056	ug/l	88
12) Methyl Acetate	5.042	43	59065	14.297	ug/l	99
13) Acrolein	4.206	56	68693	108.213	ug/l	98
14) Acrylonitrile	5.742	53	130117	67.525	ug/l	96
15) Acetone	4.448	58	41585	73.982	ug/l	88
16) Carbon Disulfide	4.742	76	102627	13.327	ug/l	97
17) Allyl chloride	5.053	41	49345	11.359	ug/l	95
18) Methylene Chloride	5.300	84	50036	16.399	ug/l	91
19) trans-1,2-Dichloroethene	5.812	96	44108	15.314	ug/l	92
20) Diisopropyl ether	6.683	45	120093	13.030	ug/l	96
21) 1,1-Dichloroethane	6.583	63	79972	14.518	ug/l	96
22) cis-1,2-Dichloroethene	7.500	96	55036	16.418	ug/l	92
23) tert-Butyl Alcohol	5.536	59	51657	71.282	ug/l #	100
24) Methyl tert-Butyl Ether	5.818	73	147683	15.988	ug/l	99
25) Chloroform	7.971	83	91627	17.363	ug/l	92
26) Cyclohexane	8.265	56	56751	12.395	ug/l #	86
29) 1,1-Dichloropropene	8.383	75	56706	17.055	ug/l	98
30) 2-Butanone	7.489	43	174754	77.914	ug/l #	91
31) 2,2-Dichloropropane	7.500	77	75667	18.852	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	80528	20.731	ug/l	96
33) Carbon Tetrachloride	8.371	117	68065	20.822	ug/l	90
34) Benzene	8.612	78	184295	17.496	ug/l	98
35) Methacrylonitrile	7.788	41	32474	14.367	ug/l #	70
36) 1,2-Dichloroethane	8.677	62	68912	20.248	ug/l	99
37) Trichloroethene	9.353	130	46707	19.224	ug/l	79
38) Methylcyclohexane	9.600	83	60079	15.748	ug/l	94
39) 1,2-Dichloropropane	9.624	63	45815	17.329	ug/l	98
40) Dibromomethane	9.706	93	39225	21.819	ug/l	95
41) Bromodichloromethane	9.888	83	71521	19.710	ug/l	98
42) Vinyl Acetate	6.618	43	557843	76.469	ug/l #	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071025\
 Data File : VN087318.D
 Acq On : 10 Jul 2025 11:53
 Operator : JC\MD
 Sample : VN0710WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 11 01:08:15 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

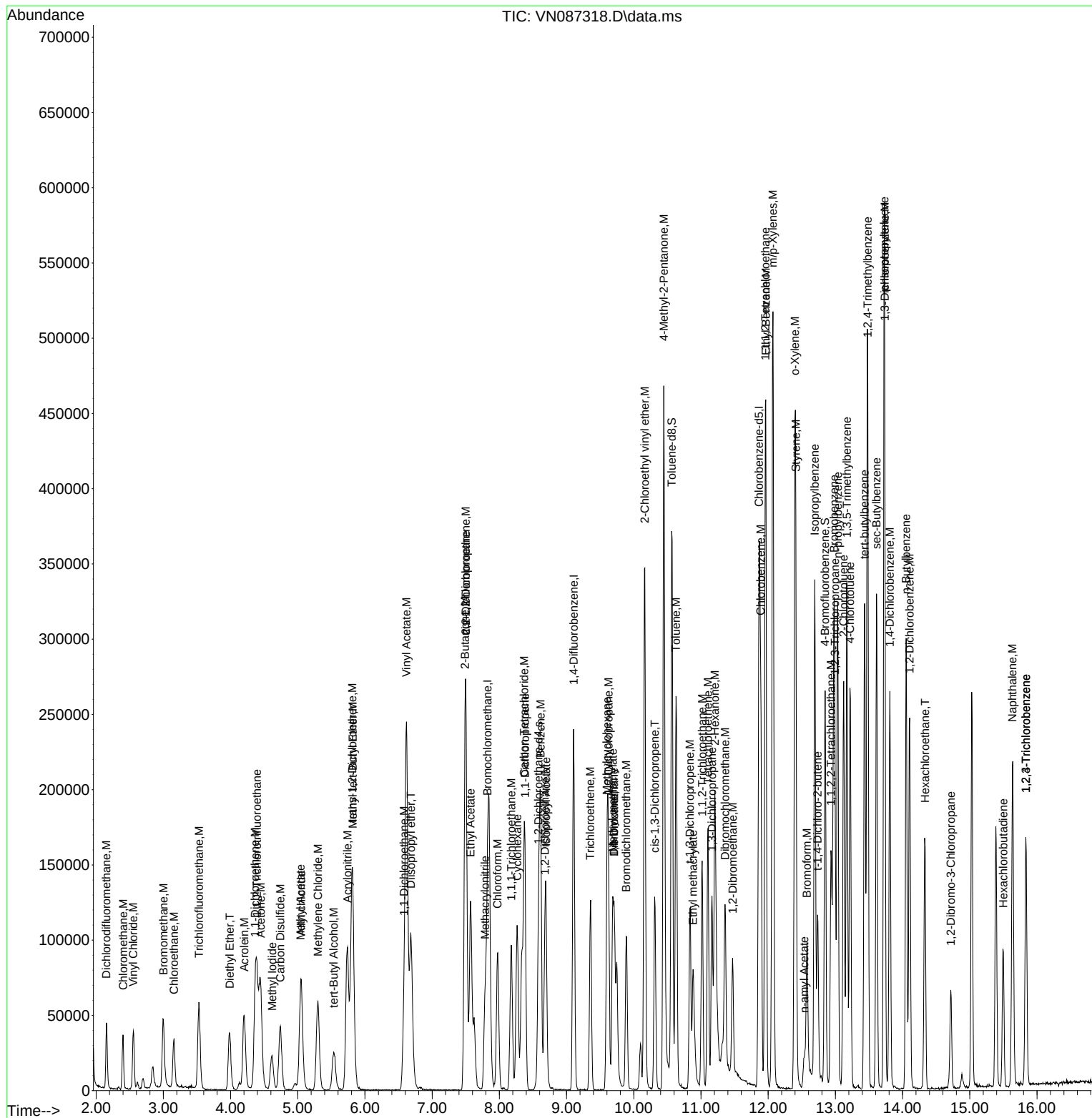
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	69979	17.283	ug/l	97
44) Isopropyl Acetate	8.694	43	105647	16.015	ug/l	94
45) 1,4-Dioxane	9.706	88	16279	364.796	ug/l #	82
46) Methyl methacrylate	9.688	41	46575	15.187	ug/l	89
47) n-amyl Acetate	12.535	43	14747	3.656	ug/l #	100
48) t-1,3-Dichloropropene	10.835	75	74747	18.477	ug/l	95
49) cis-1,3-Dichloropropene	10.312	75	75850	17.637	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	50939	19.947	ug/l	94
51) Ethyl methacrylate	10.882	69	60712	15.620	ug/l	93
52) 1,3-Dichloropropane	11.165	76	80260	18.306	ug/l	99
53) Dibromochloromethane	11.359	129	58101	21.674	ug/l	100
54) 1,2-Dibromoethane	11.471	107	53907	20.460	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	159599	71.634	ug/l	94
56) Bromoform	12.576	173	40144	21.784	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	323835	78.031	ug/l	98
59) 2-Hexanone	11.206	43	186329	69.530	ug/l	97
61) Tetrachloroethene	11.106	164	39473	19.308	ug/l	94
62) Toluene	10.629	91	209457	17.965	ug/l	99
64) Chlorobenzene	11.888	112	142509	19.162	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	51088	20.790	ug/l	95
66) Ethyl Benzene	11.965	91	223351	17.502	ug/l	94
67) m/p-Xylenes	12.071	106	180696	36.950	ug/l	95
68) o-Xylene	12.400	106	86642	18.571	ug/l	94
69) Styrene	12.412	104	147043	18.358	ug/l	98
70) Isopropylbenzene	12.694	105	215183	18.519	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	78763	18.832	ug/l	96
72) 1,2,3-Trichloropropane	12.994	75	104121	28.869	ug/l	50
73) Bromobenzene	12.982	156	57731	20.482	ug/l	85
74) n-propylbenzene	13.035	91	263560	18.567	ug/l	95
75) 2-Chlorotoluene	13.123	91	160616	18.728	ug/l	92
76) 1,3,5-Trimethylbenzene	13.170	105	185472	19.607	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	26867	16.794	ug/l	94
78) 4-Chlorotoluene	13.218	91	168398	19.172	ug/l	94
79) tert-butylbenzene	13.435	119	159746	20.090	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	188426	19.837	ug/l	100
81) sec-Butylbenzene	13.612	105	225155	19.479	ug/l	95
82) p-Isopropyltoluene	13.729	119	195037	20.276	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	115110	21.208	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	115357	21.118	ug/l	99
85) n-Butylbenzene	14.053	91	162676	18.536	ug/l	98
86) Hexachloroethane	14.335	117	37956	20.846	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	112151	21.914	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	19078	20.258	ug/l	92
89) 1,2,4-Trichlorobenzene	15.835	180	58754	20.292	ug/l	98
90) Hexachlorobutadiene	15.500	225	16592	19.311	ug/l	93
91) Naphthalene	15.635	128	217054	19.047	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	58754	20.292	ug/l	98

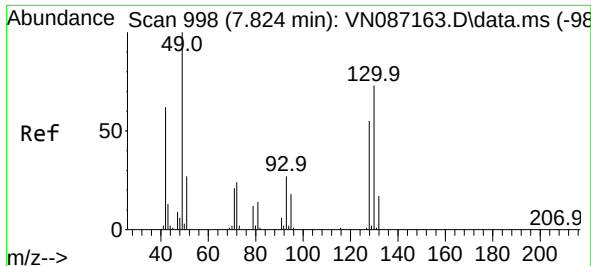
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071025\
Data File : VN087318.D
Acq On : 10 Jul 2025 11:53
Operator : JC\MD
Sample : VN0710WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

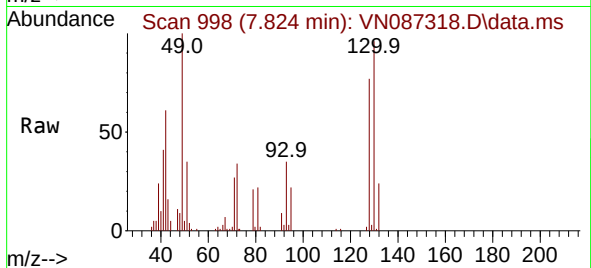
Quant Time: Jul 11 01:08:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration



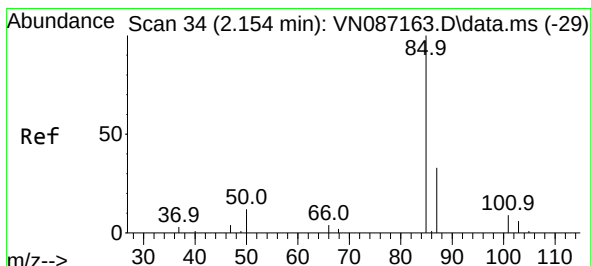
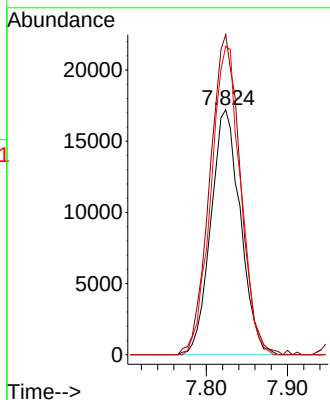
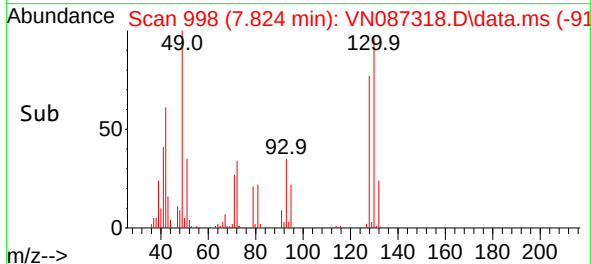


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :

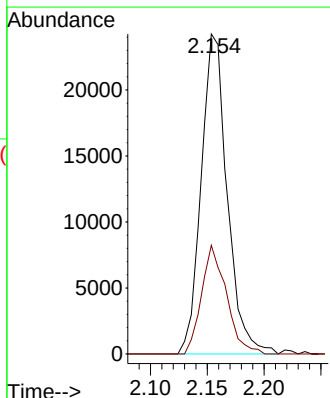
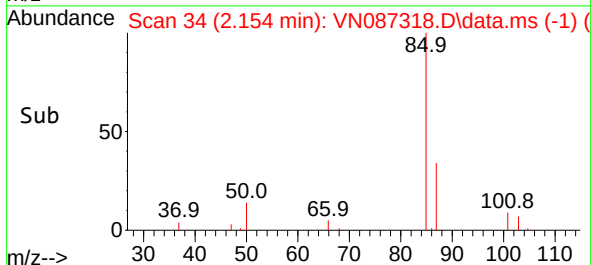
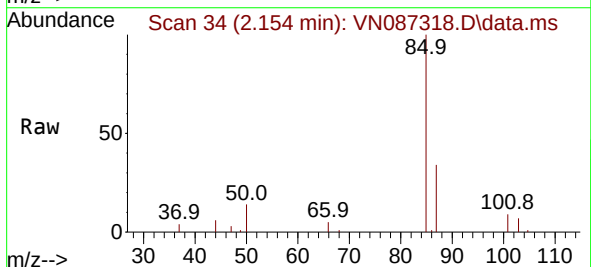


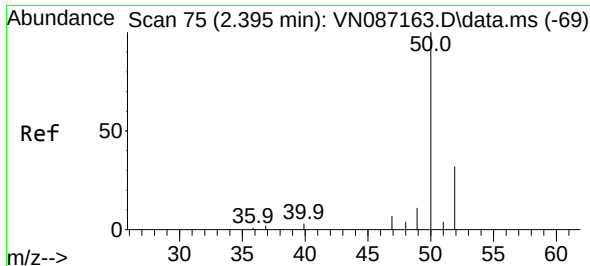
Tgt Ion	Ratio	Lower	Upper
128	100		
49	135.1	0.0	450.5
130	125.9	0.0	320.7



#2
Dichlorodifluoromethane
Concen: 14.761 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.9	16.7	50.0

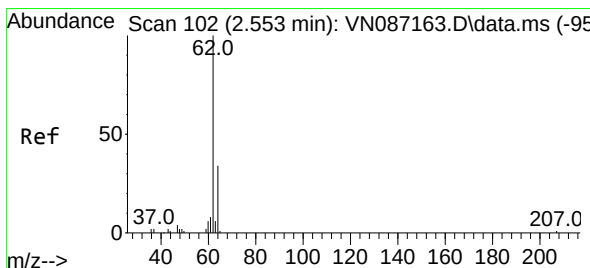
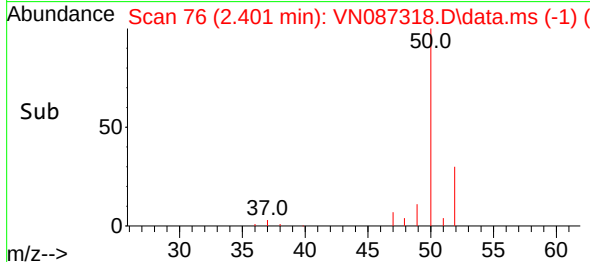
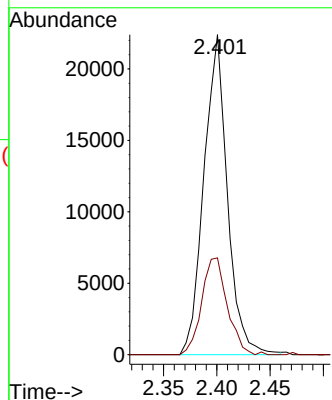
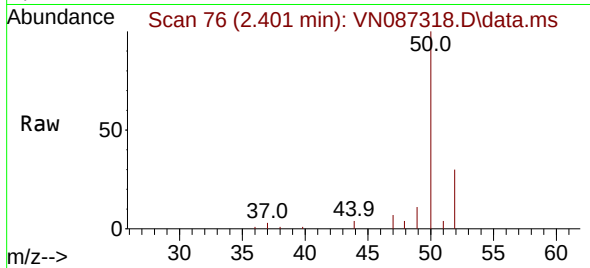




#3
Chloromethane
Concen: 12.856 ug/l
RT: 2.401 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

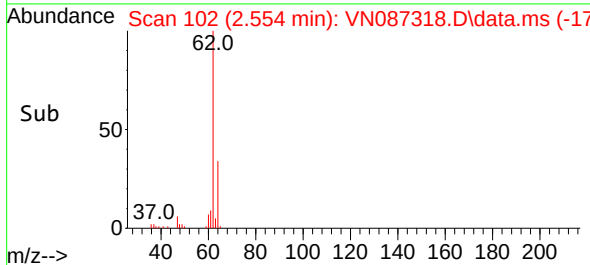
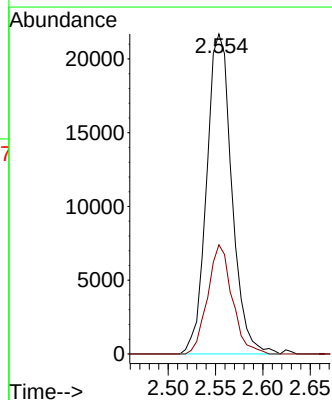
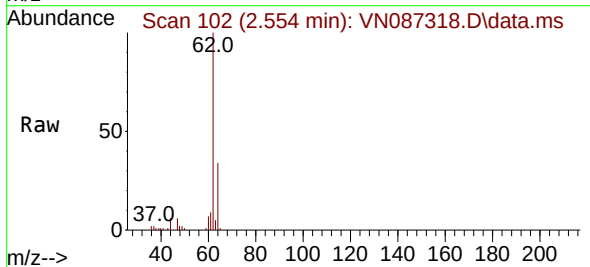
Instrument :
MSVOA_N
ClientSampleId :

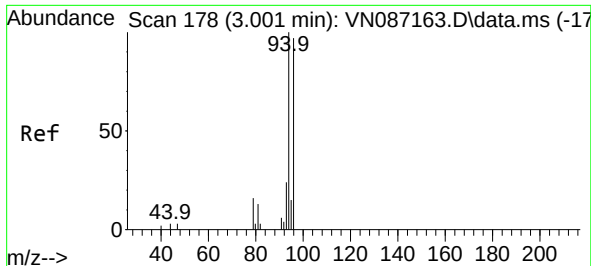
Tgt Ion: 50 Resp: 34367
Ion Ratio Lower Upper
50 100
52 30.3 25.9 38.9



#4
Vinyl Chloride
Concen: 13.805 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion: 62 Resp: 40108
Ion Ratio Lower Upper
62 100
64 34.1 27.4 41.2

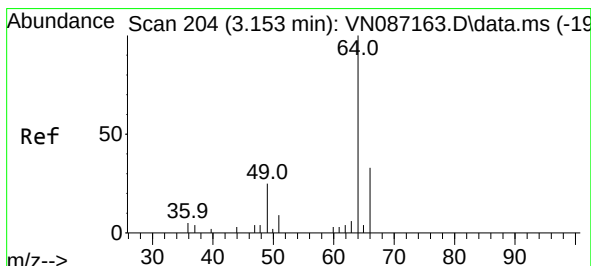
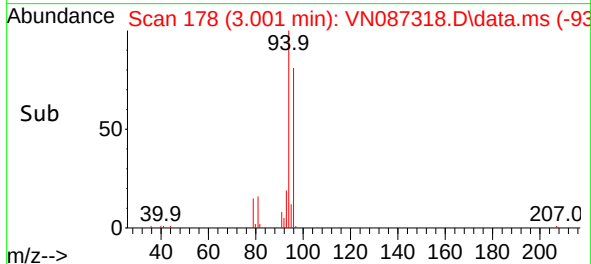
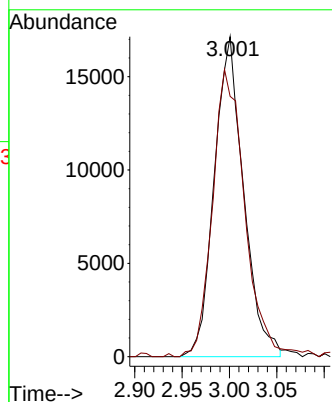
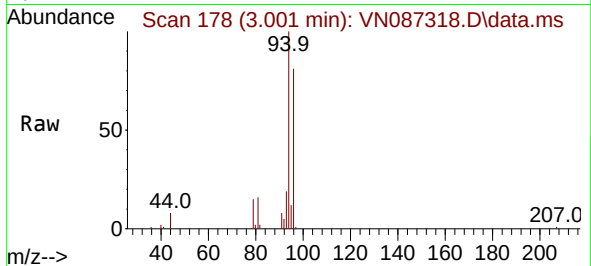




#5
Bromomethane
Concen: 23.913 ug/l
RT: 3.001 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

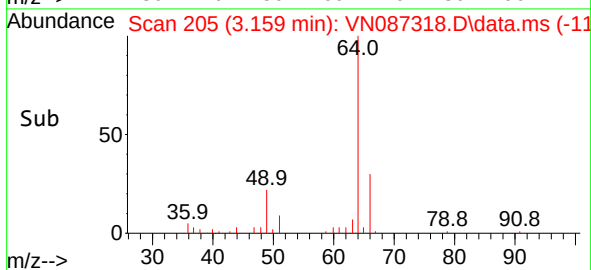
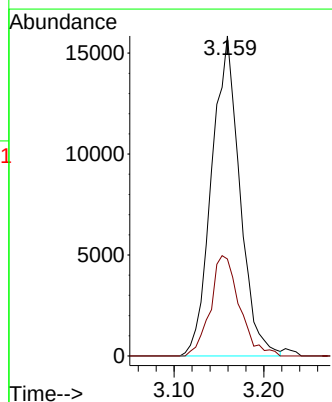
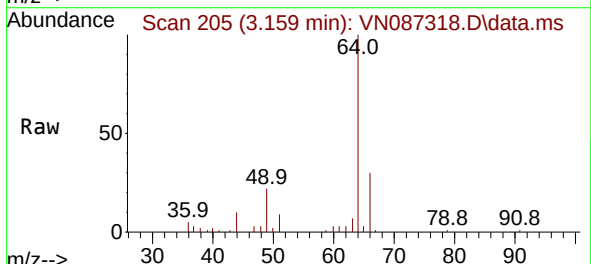
Instrument :
MSVOA_N
ClientSampleId :

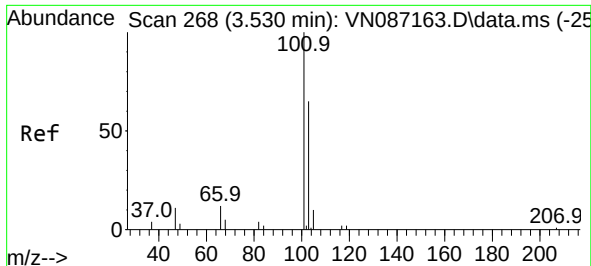
Tgt Ion: 94 Resp: 36871
Ion Ratio Lower Upper
94 100
96 81.4 77.9 116.9



#6
Chloroethane
Concen: 22.159 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion: 64 Resp: 34534
Ion Ratio Lower Upper
64 100
66 30.3 26.4 39.6

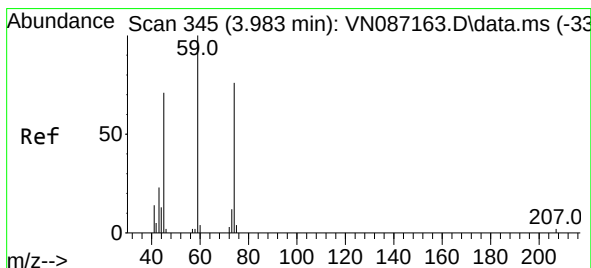
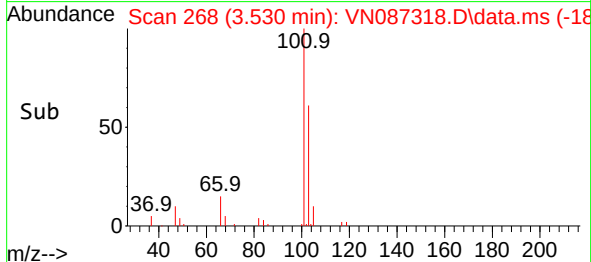
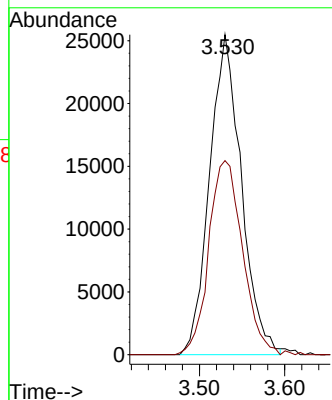
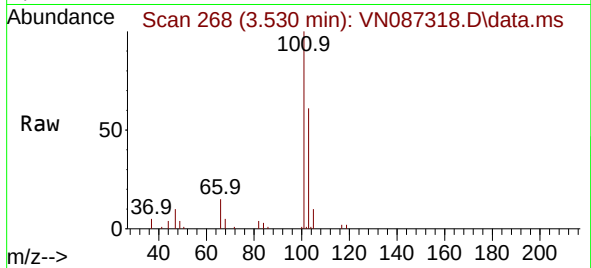




#7
 Trichlorofluoromethane
 Concen: 18.553 ug/l
 RT: 3.530 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087318.D
 Acq: 10 Jul 2025 11:53

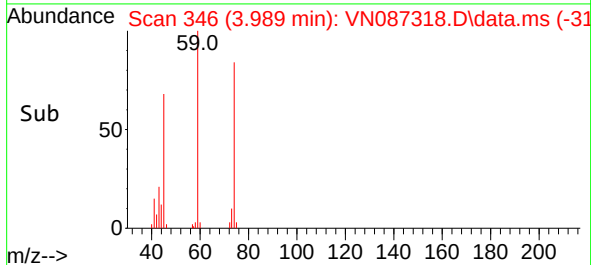
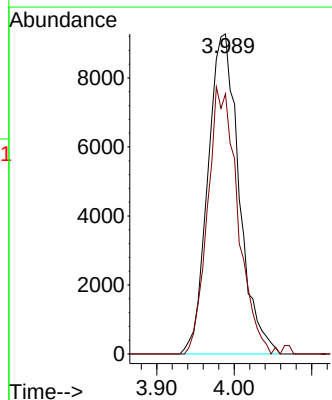
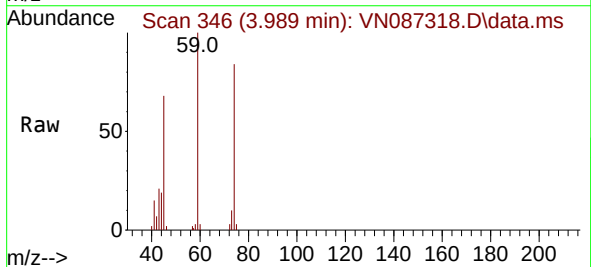
Instrument :
 MSVOA_N
 ClientSampleId :

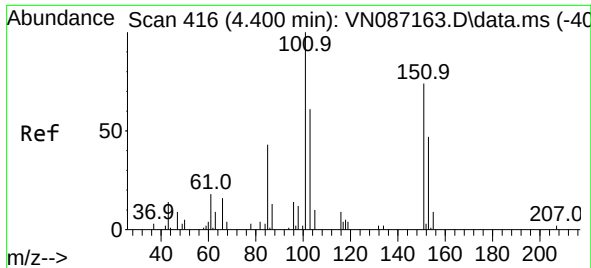
Tgt Ion:101 Resp: 66118
 Ion Ratio Lower Upper
 101 100
 103 60.6 51.8 77.8



#8
 Diethyl Ether
 Concen: 14.834 ug/l
 RT: 3.989 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VN087318.D
 Acq: 10 Jul 2025 11:53

Tgt Ion: 74 Resp: 25973
 Ion Ratio Lower Upper
 74 100
 45 80.4 19.0 171.0

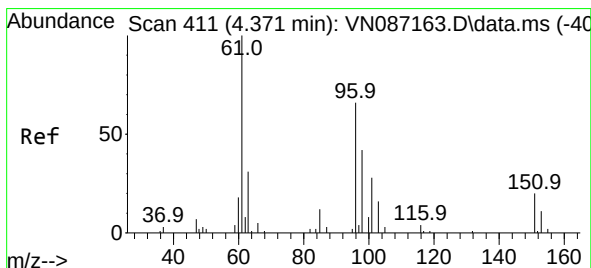
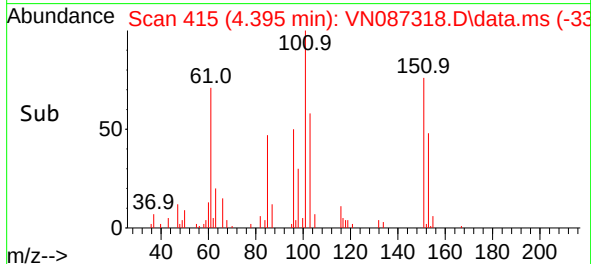
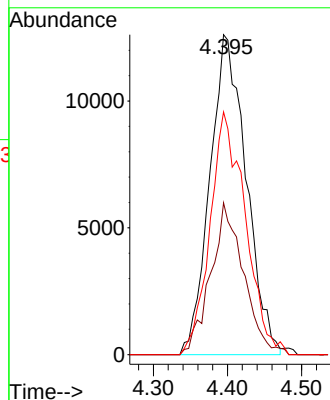
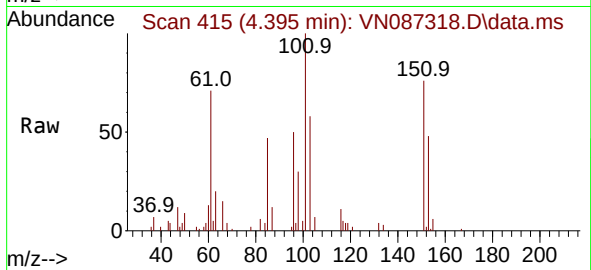




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.237 ug/l
RT: 4.395 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

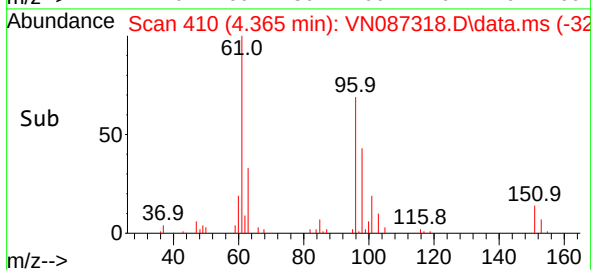
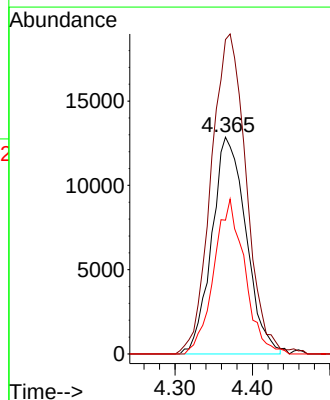
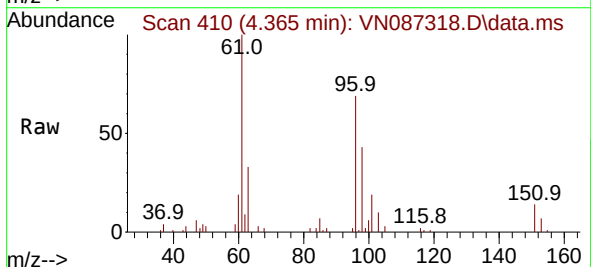
Instrument :
MSVOA_N
ClientSampleId :

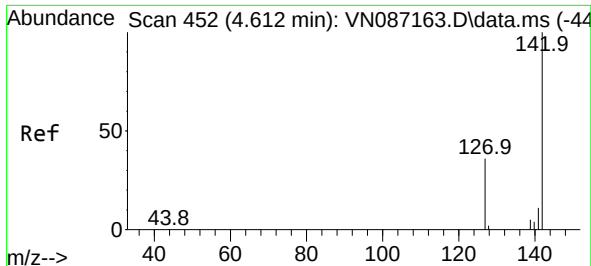
Tgt Ion:101 Resp: 42899
Ion Ratio Lower Upper
101 100
85 37.0 0.0 40.6
151 46.0 0.0 141.2



#10
1,1-Dichloroethene
Concen: 14.960 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

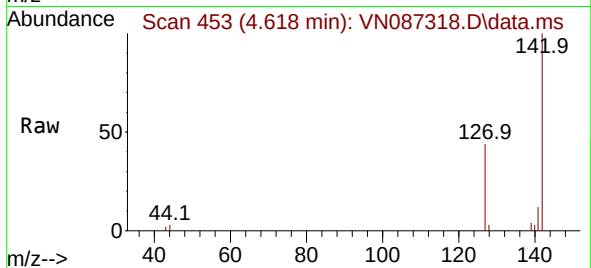
Tgt Ion: 96 Resp: 39401
Ion Ratio Lower Upper
96 100
61 143.5 122.0 183.0
98 61.7 50.3 75.5



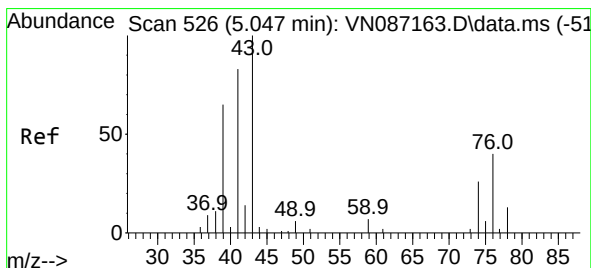
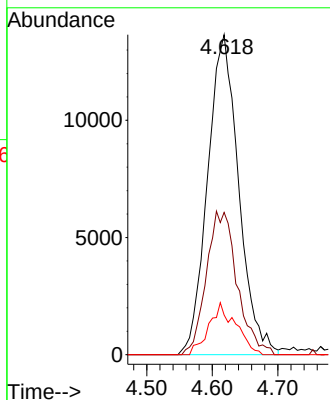
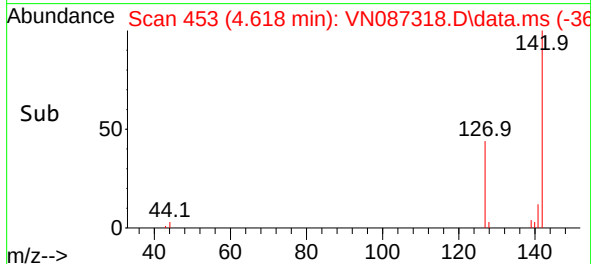


#11
Methyl Iodide
Concen: 19.056 ug/l
RT: 4.618 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :

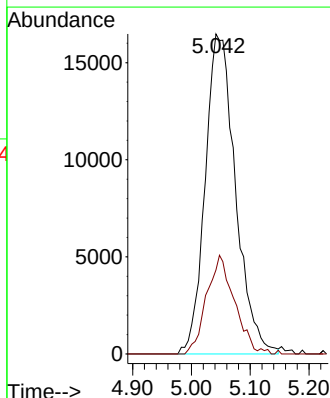
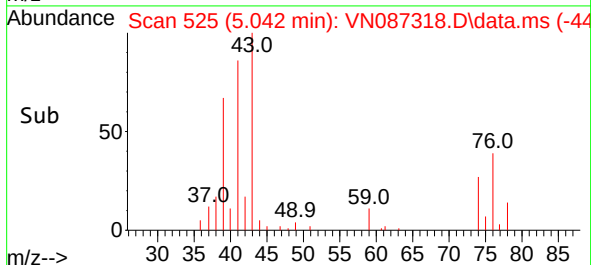
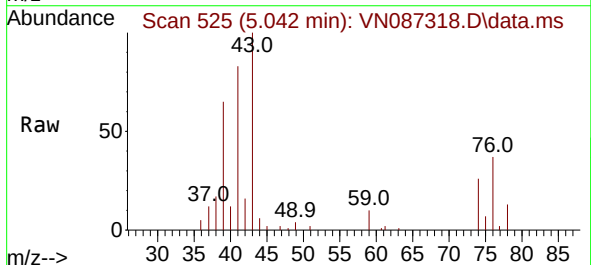


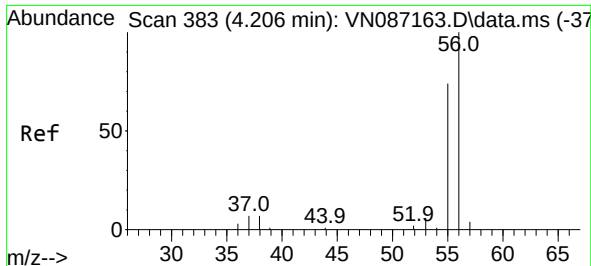
Tgt Ion:142 Resp: 44964
Ion Ratio Lower Upper
142 100
127 44.7 18.1 54.1
141 12.5 5.7 17.1



#12
Methyl Acetate
Concen: 14.297 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

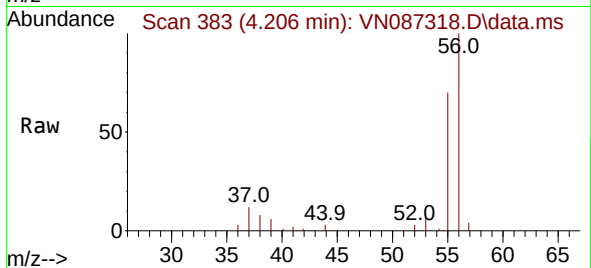
Tgt Ion: 43 Resp: 59065
Ion Ratio Lower Upper
43 100
74 25.9 20.3 30.5



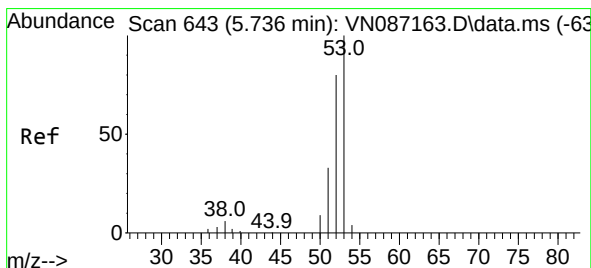
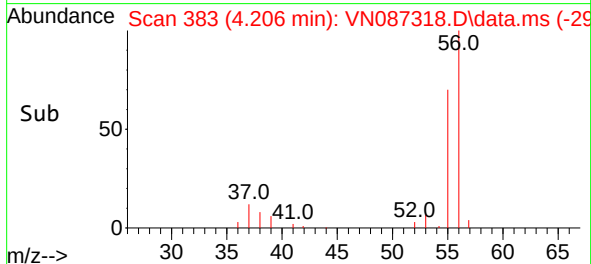
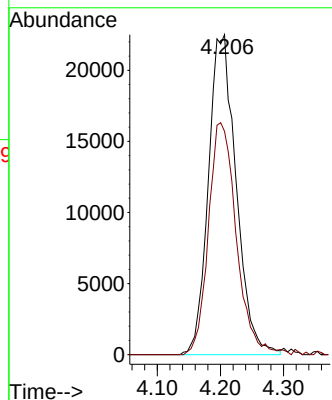


#13
Acrolein
Concen: 108.213 ug/l
RT: 4.206 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :

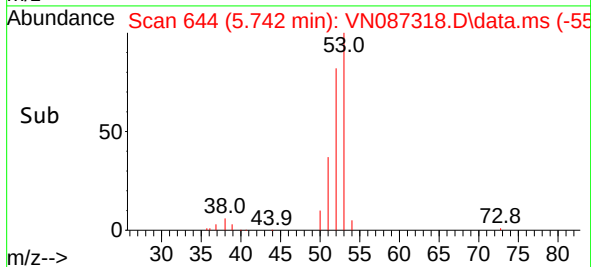
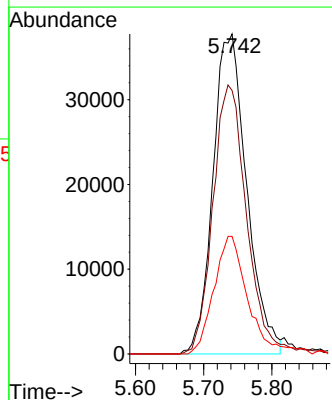
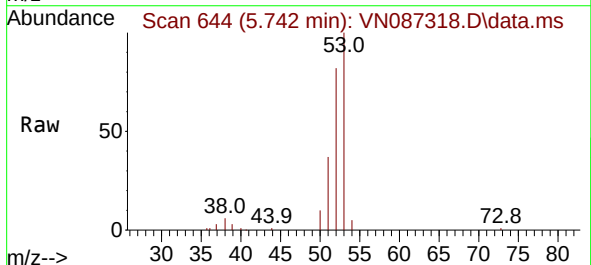


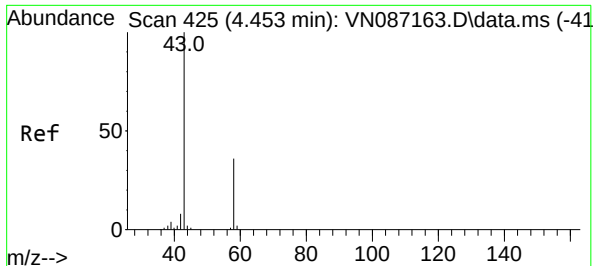
Tgt Ion: 56 Resp: 68693
Ion Ratio Lower Upper
56 100
55 71.4 55.7 83.5



#14
Acrylonitrile
Concen: 67.525 ug/l
RT: 5.742 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion: 53 Resp: 130117
Ion Ratio Lower Upper
53 100
52 83.7 40.5 121.5
51 36.8 16.9 50.7

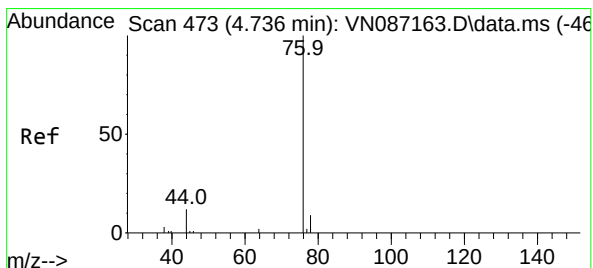
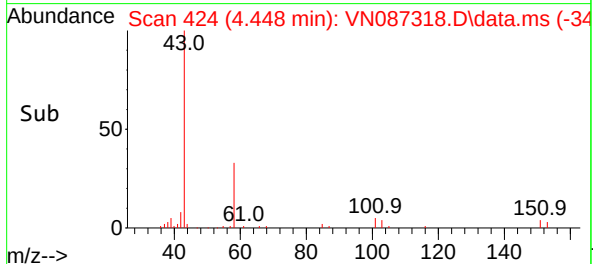
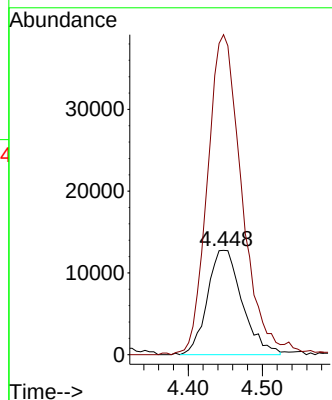
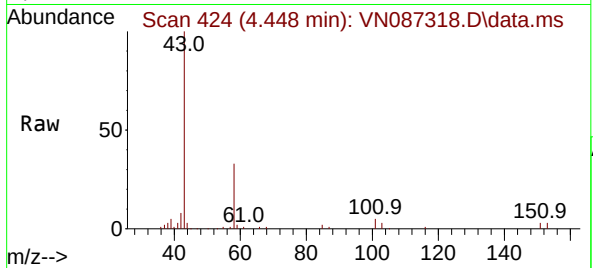




#15
Acetone
Concen: 73.982 ug/l
RT: 4.448 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

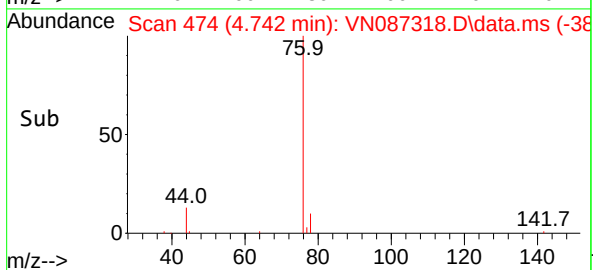
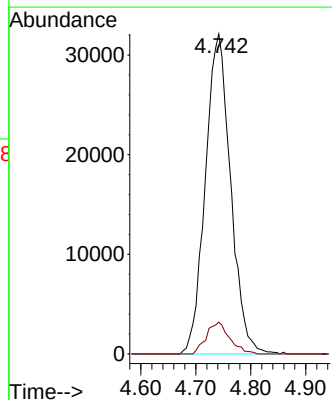
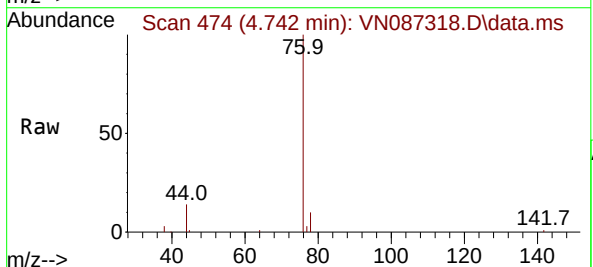
Instrument :
MSVOA_N
ClientSampleId :

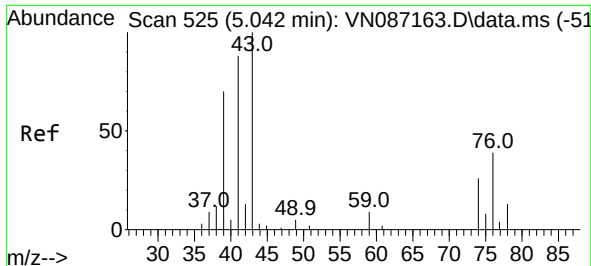
Tgt Ion: 58 Resp: 41585
Ion Ratio Lower Upper
58 100
43 303.7 224.3 336.5



#16
Carbon Disulfide
Concen: 13.327 ug/l
RT: 4.742 min Scan# 474
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion: 76 Resp: 102627
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8





#17

Allyl chloride

Concen: 11.359 ug/l

RT: 5.053 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

Instrument :

MSVOA_N

ClientSampleId :

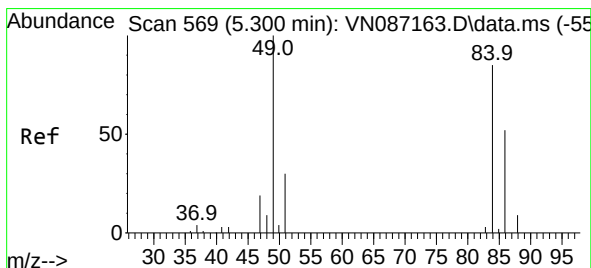
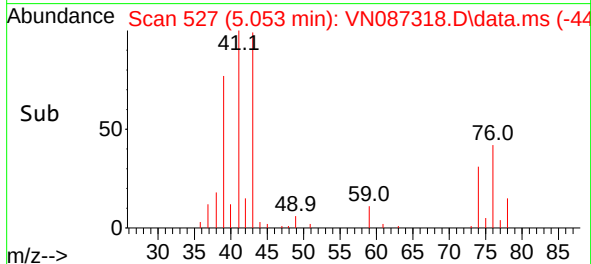
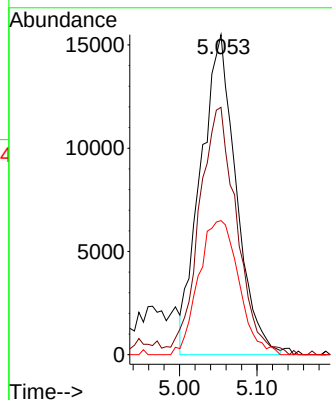
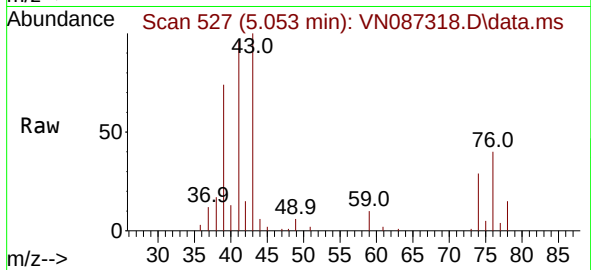
Tgt Ion: 41 Resp: 49345

Ion Ratio Lower Upper

41 100

39 76.1 36.0 108.0

76 42.5 19.5 58.5



#18

Methylene Chloride

Concen: 16.399 ug/l

RT: 5.300 min Scan# 569

Delta R.T. 0.000 min

Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

Tgt Ion: 84 Resp: 50036

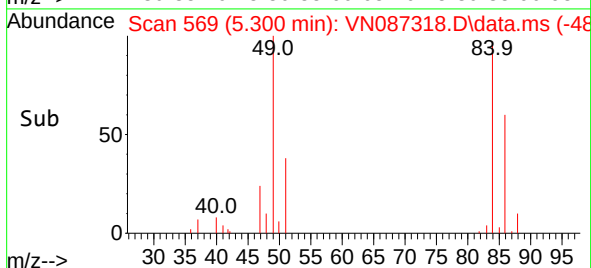
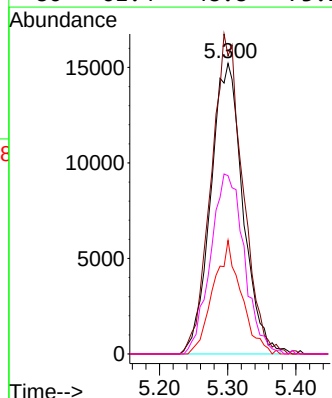
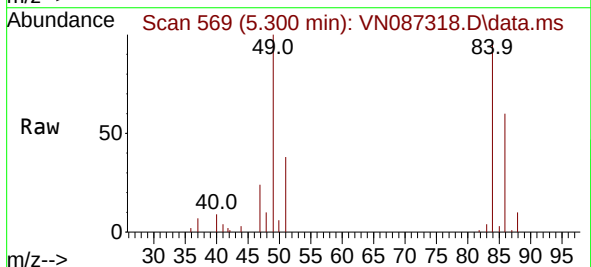
Ion Ratio Lower Upper

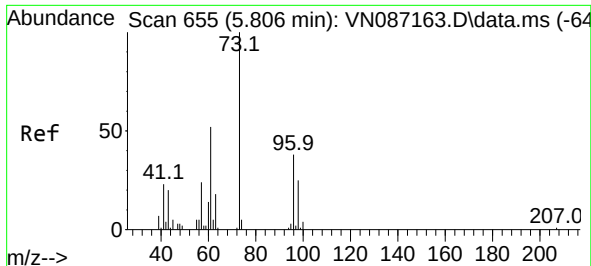
84 100

49 102.6 94.0 141.0

51 39.1 28.3 42.5

86 61.4 48.8 73.2

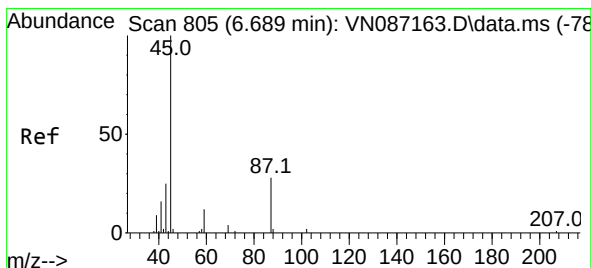
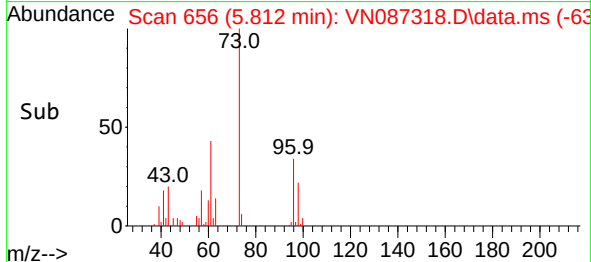
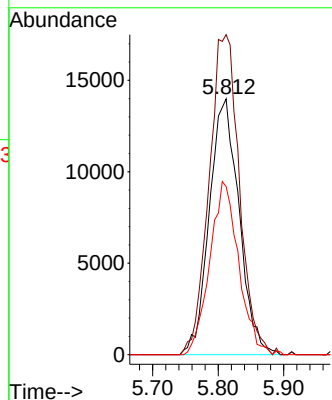
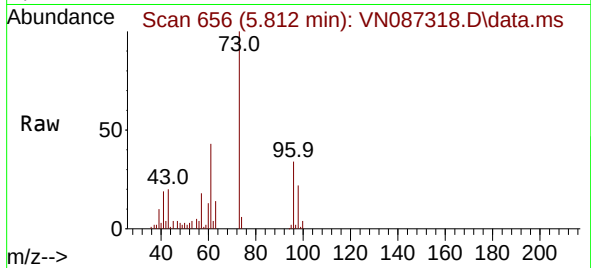




#19
trans-1,2-Dichloroethene
Concen: 15.314 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

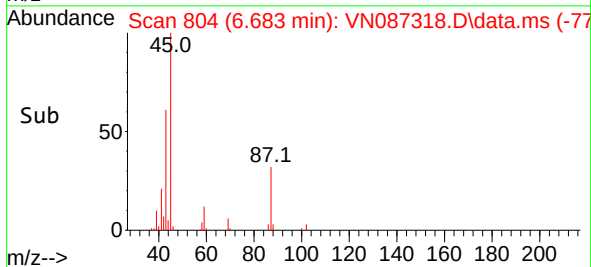
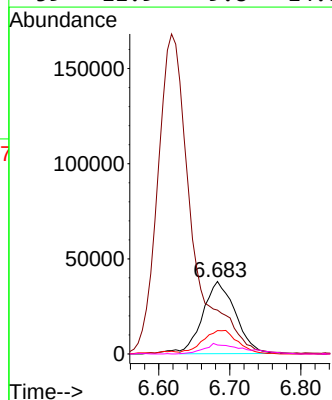
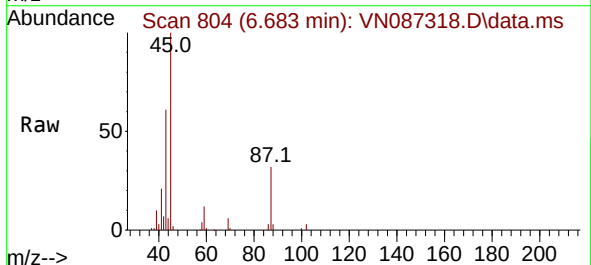
Instrument :
MSVOA_N
ClientSampleId :

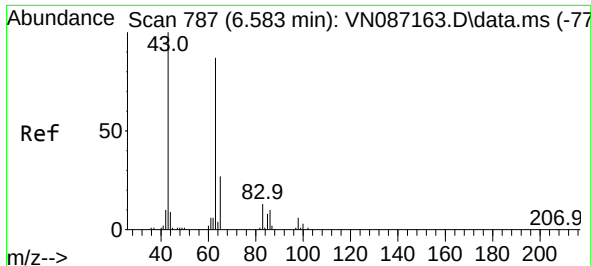
Tgt Ion: 96 Resp: 44108
Ion Ratio Lower Upper
96 100
61 125.0 110.3 165.5
98 65.7 51.6 77.4



#20
Diisopropyl ether
Concen: 13.030 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion: 45 Resp: 120093
Ion Ratio Lower Upper
45 100
43 58.8 45.3 67.9
87 32.4 22.6 33.8
59 11.9 9.8 14.8

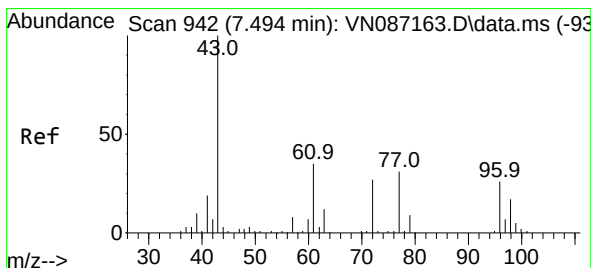
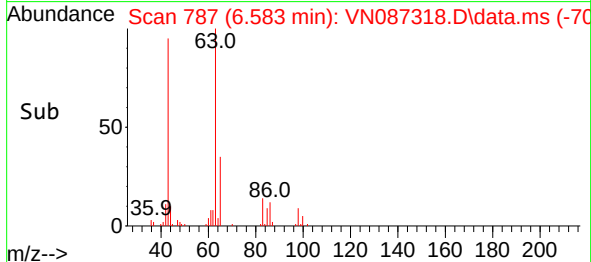
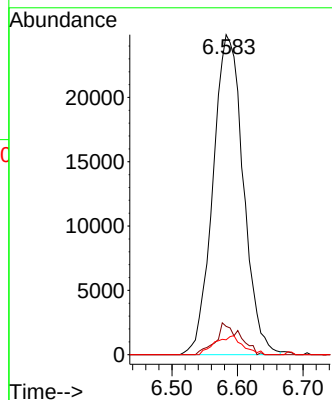
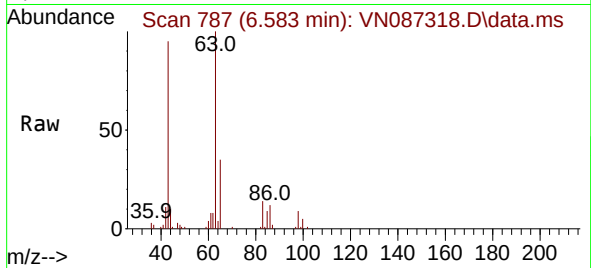




#21
1,1-Dichloroethane
Concen: 14.518 ug/l
RT: 6.583 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

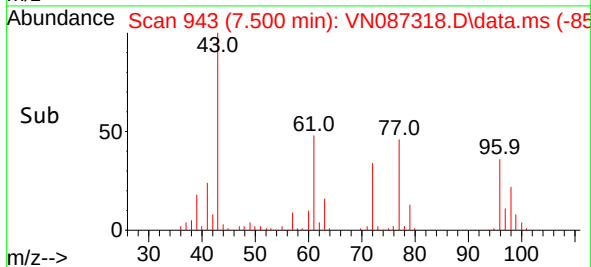
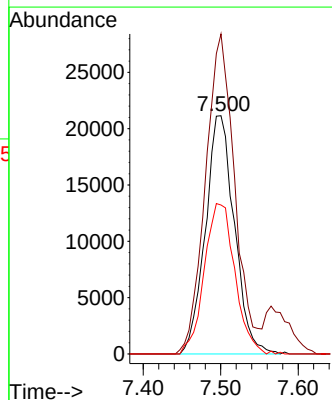
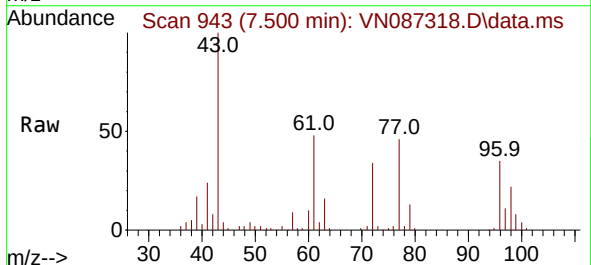
Instrument :
MSVOA_N
ClientSampleId :

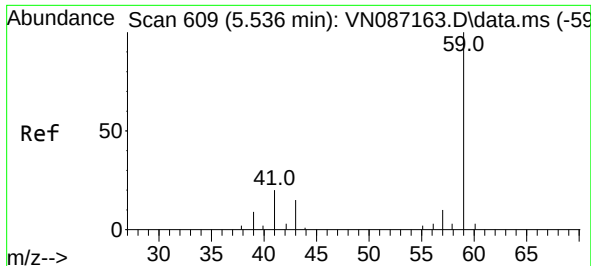
Tgt Ion: 63 Resp: 79972
Ion Ratio Lower Upper
63 100
98 8.9 3.5 10.4
100 4.6 2.0 5.8



#22
cis-1,2-Dichloroethene
Concen: 16.418 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

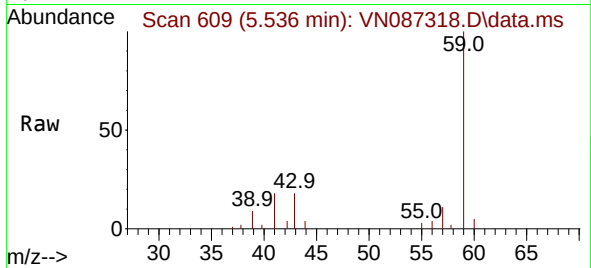
Tgt Ion: 96 Resp: 55036
Ion Ratio Lower Upper
96 100
61 136.1 119.2 178.8
98 66.3 50.6 75.8



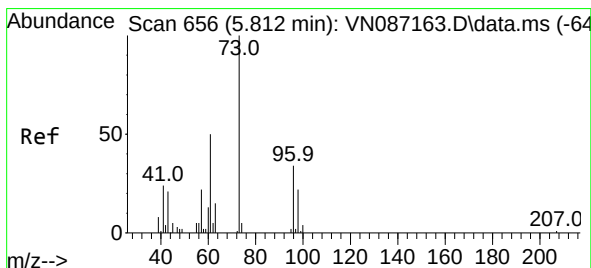
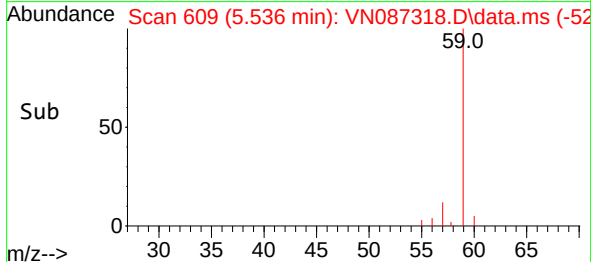
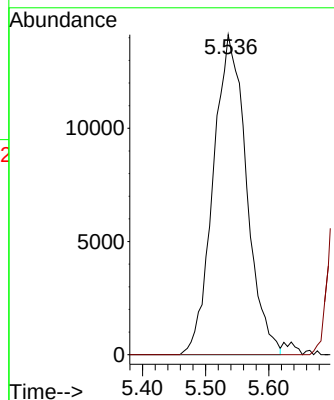


#23
tert-Butyl Alcohol
Concen: 71.282 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :

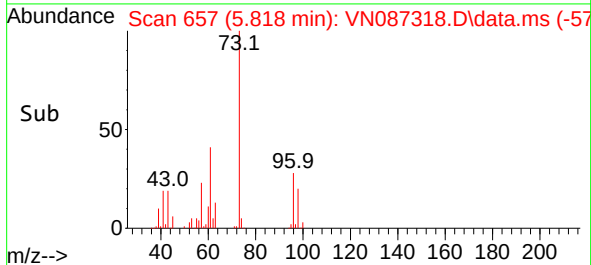
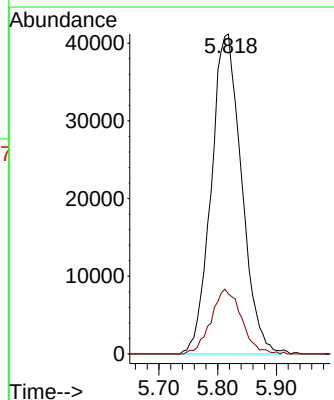
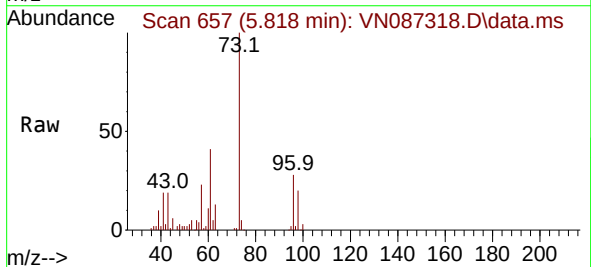


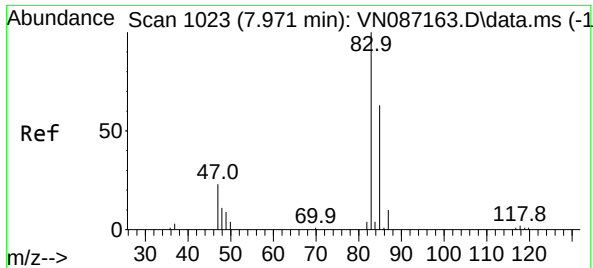
Tgt Ion: 59 Resp: 51657
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 15.988 ug/l
RT: 5.818 min Scan# 657
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion: 73 Resp: 147683
Ion Ratio Lower Upper
73 100
43 19.9 16.4 24.6

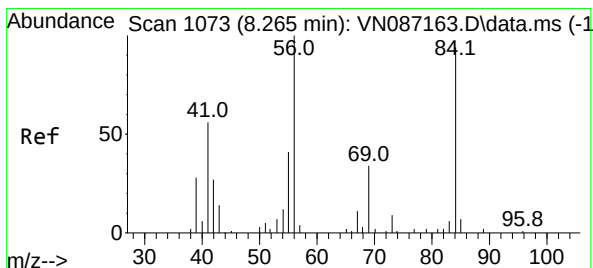
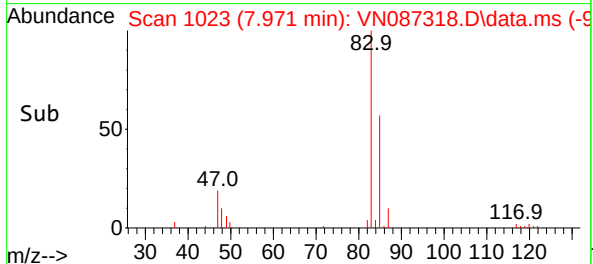
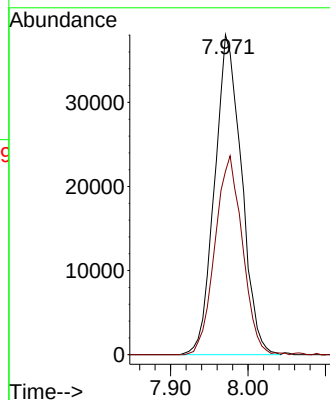
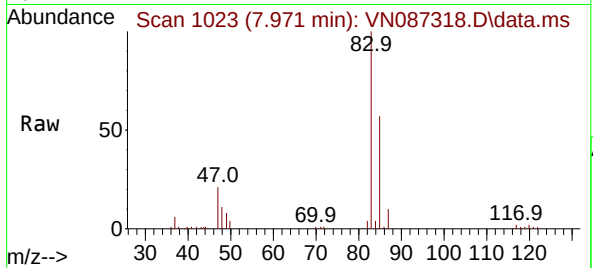




#25
Chloroform
Concen: 17.363 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

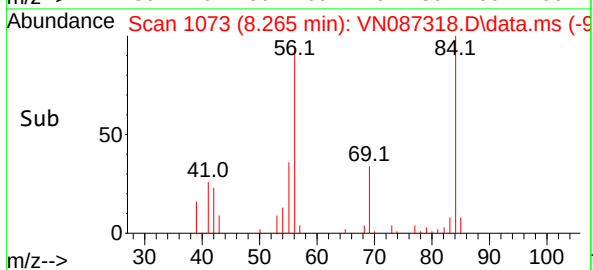
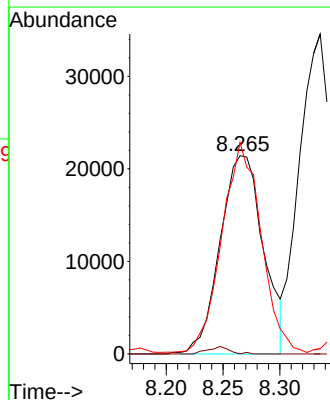
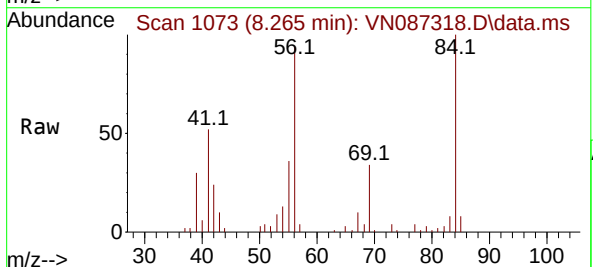
Instrument :
MSVOA_N
ClientSampleId :

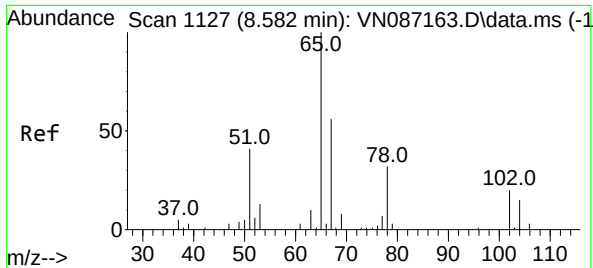
Tgt Ion: 83 Resp: 91627
Ion Ratio Lower Upper
83 100
85 57.3 50.7 76.1



#26
Cyclohexane
Concen: 12.395 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion: 56 Resp: 56751
Ion Ratio Lower Upper
56 100
89 0.1 6.9 10.3#
84 98.2 69.1 103.7

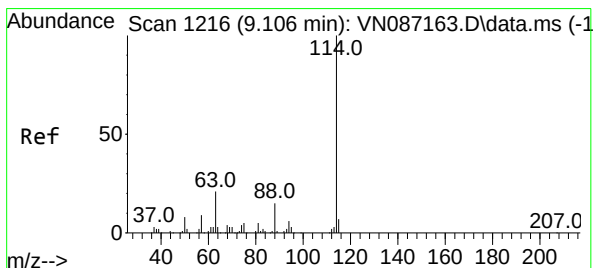
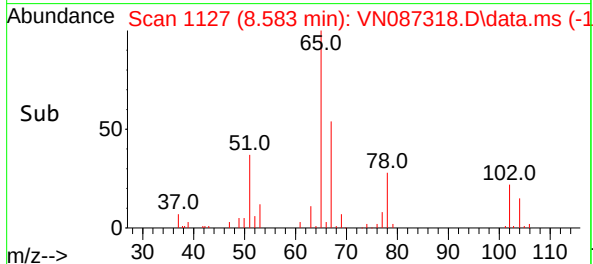
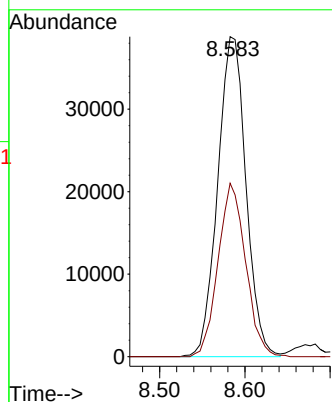
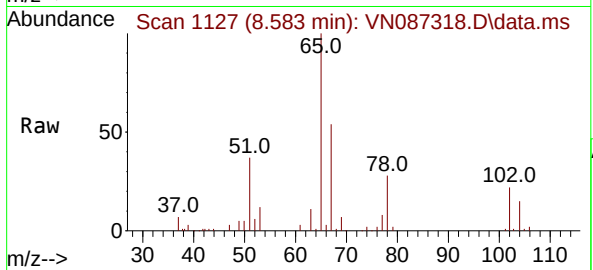




#27
1,2-Dichloroethane-d4
Concen: 27.296 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

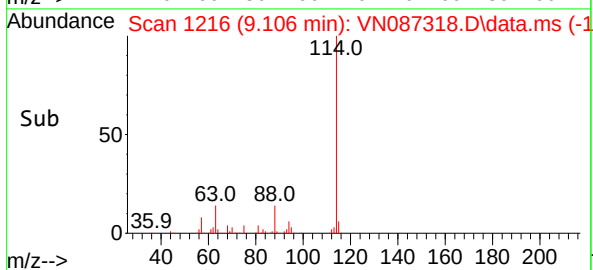
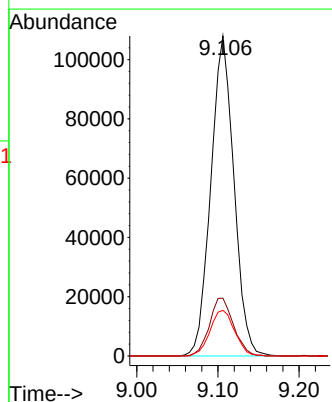
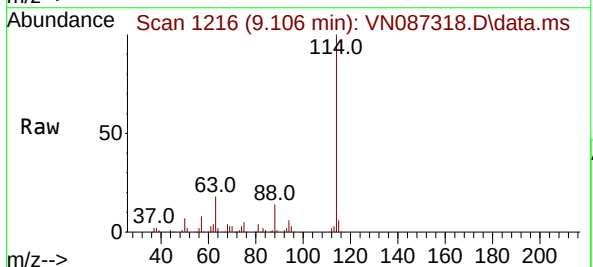
Instrument :
MSVOA_N
ClientSampleId :

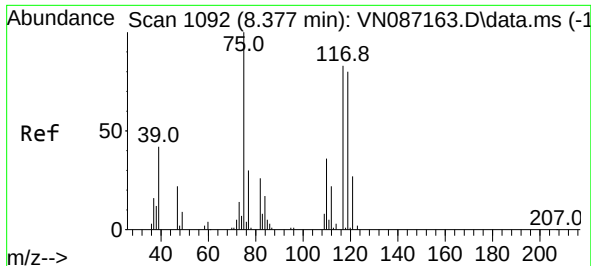
Tgt Ion: 65 Resp: 89417
Ion Ratio Lower Upper
65 100
67 52.7 41.9 62.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion: 114 Resp: 213327
Ion Ratio Lower Upper
114 100
63 18.9 17.0 25.4
88 15.2 12.6 19.0





#29

1,1-Dichloropropene

Concen: 17.055 ug/l

RT: 8.383 min Scan# 1093

Delta R.T. 0.006 min

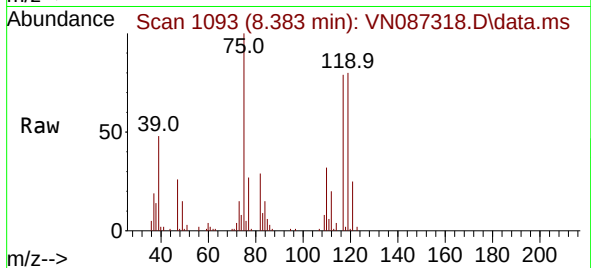
Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

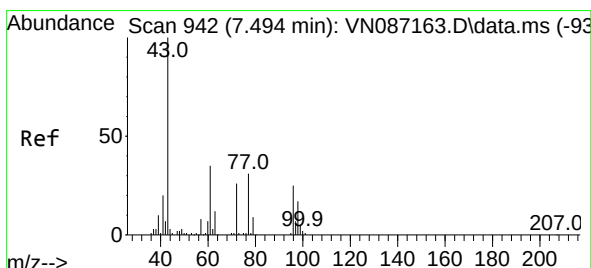
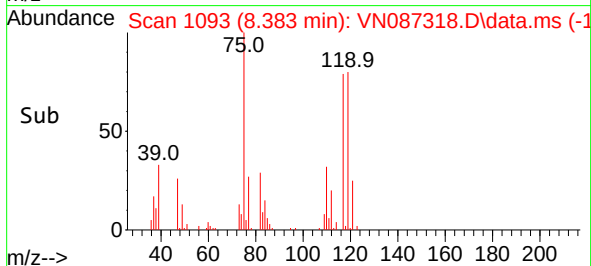
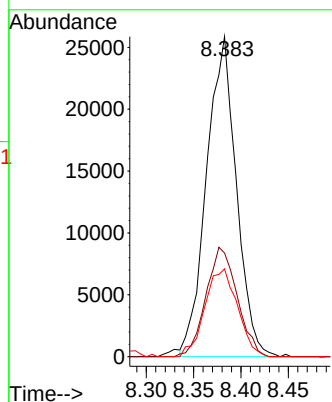
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 56706
Ion Ratio	Lower Upper
75	100
110	35.7 0.0 69.2
77	30.0 0.0 61.8



#30

2-Butanone

Concen: 77.914 ug/l

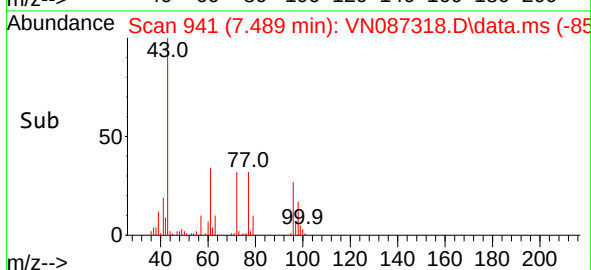
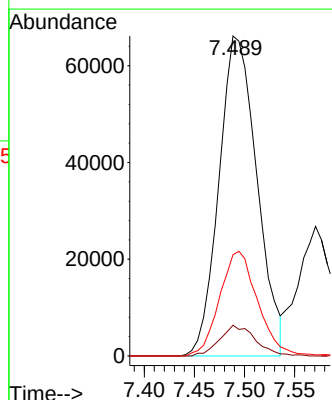
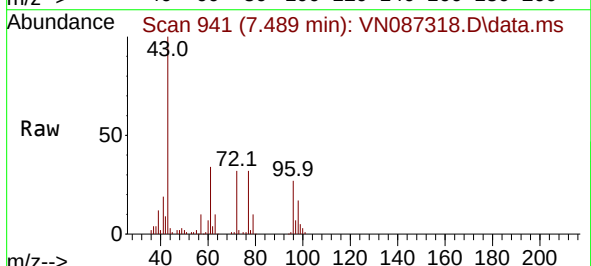
RT: 7.489 min Scan# 941

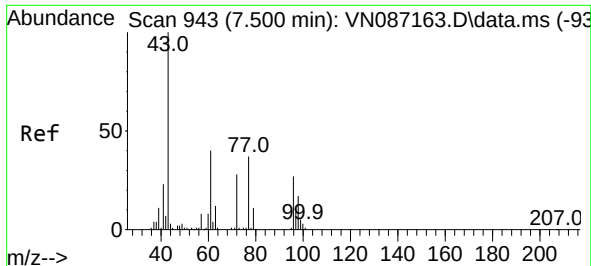
Delta R.T. -0.006 min

Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

Tgt Ion: 43	Resp: 174754
Ion Ratio	Lower Upper
43	100
57	9.0 6.3 9.5
72	32.7 21.8 32.6





#31

2,2-Dichloropropane

Concen: 18.852 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.000 min

Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

Instrument :

MSVOA_N

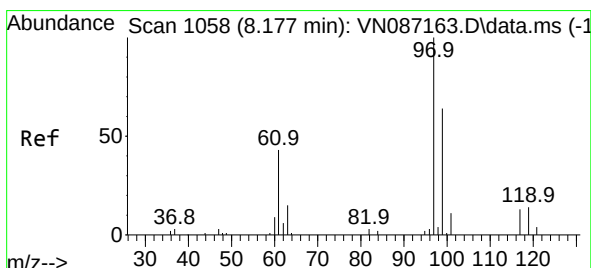
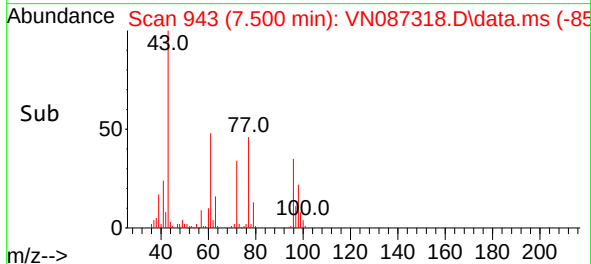
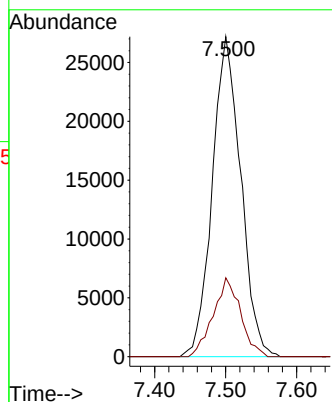
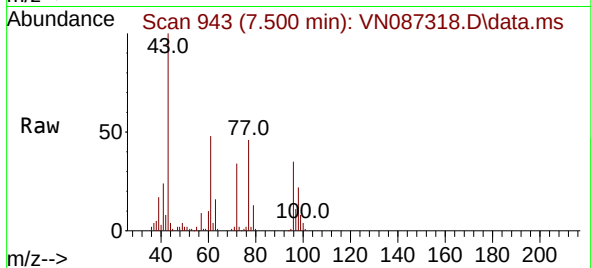
ClientSampleId :

Tgt Ion: 77 Resp: 75667

Ion Ratio Lower Upper

77 100

97 23.7 18.4 27.6



#32

1,1,1-Trichloroethane

Concen: 20.731 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

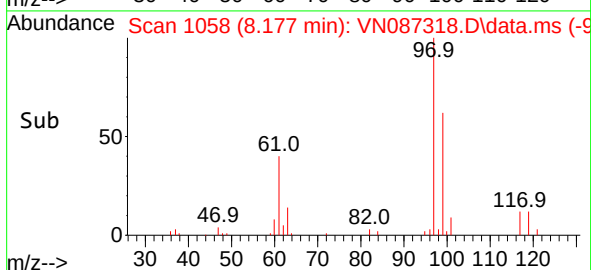
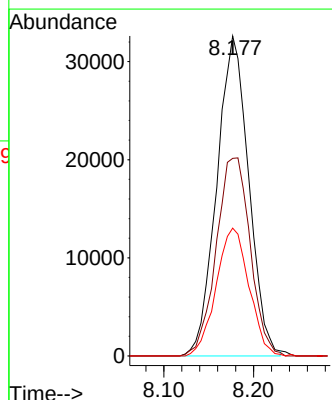
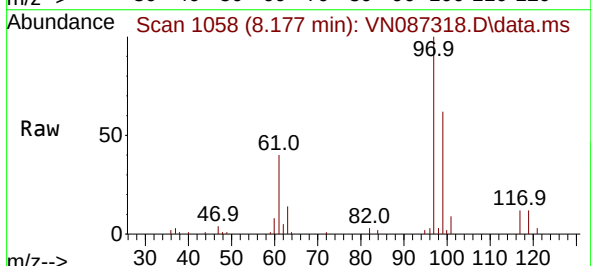
Tgt Ion: 97 Resp: 80528

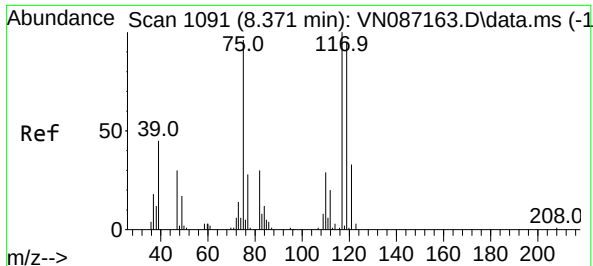
Ion Ratio Lower Upper

97 100

99 66.1 50.8 76.2

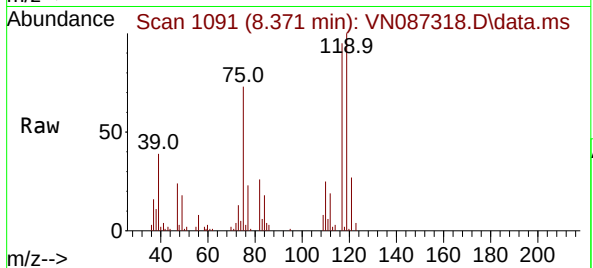
61 41.1 36.1 54.1



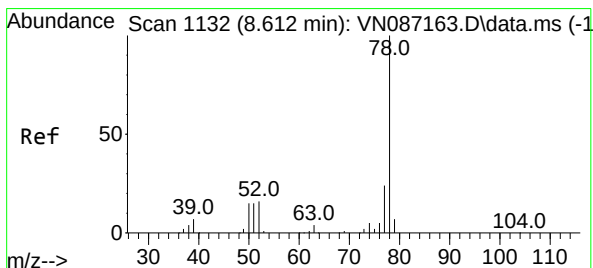
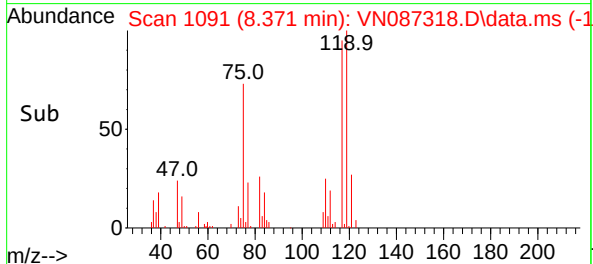
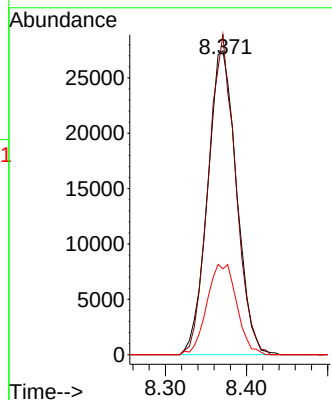


#33
Carbon Tetrachloride
Concen: 20.822 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :

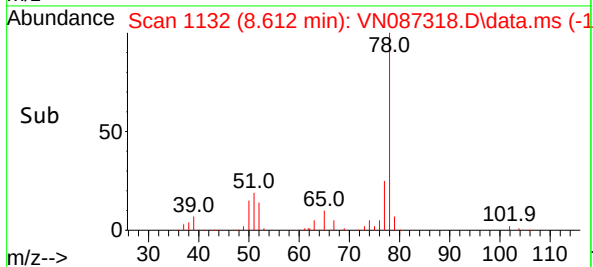
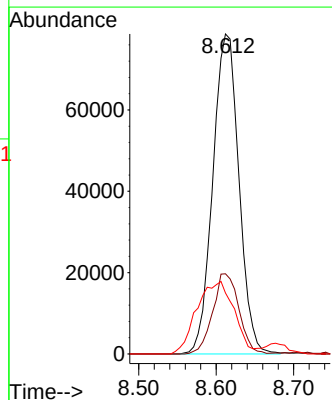
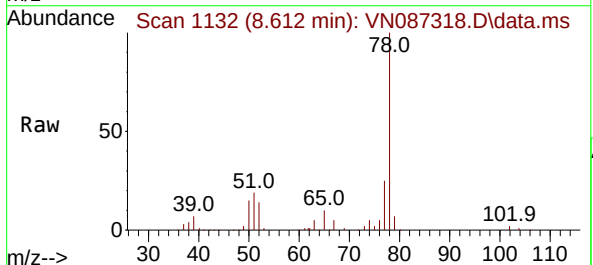


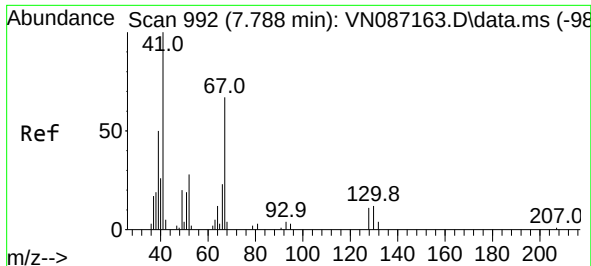
Tgt Ion:117 Resp: 68065
Ion Ratio Lower Upper
117 100
119 105.3 75.8 113.6
121 28.3 26.2 39.4



#34
Benzene
Concen: 17.496 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion: 78 Resp: 184295
Ion Ratio Lower Upper
78 100
77 25.0 19.5 29.3
51 17.1 14.8 22.2

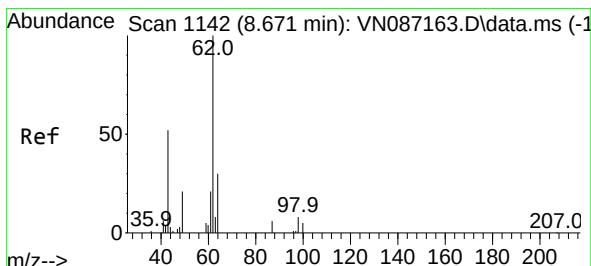
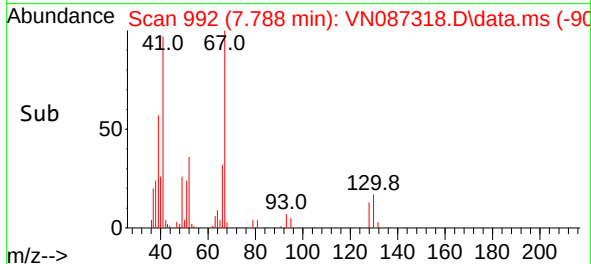
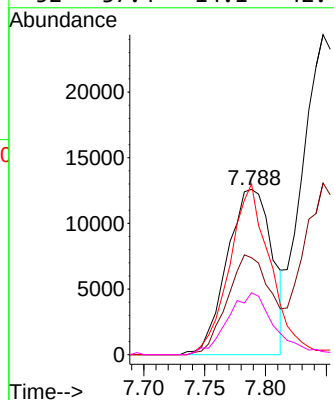
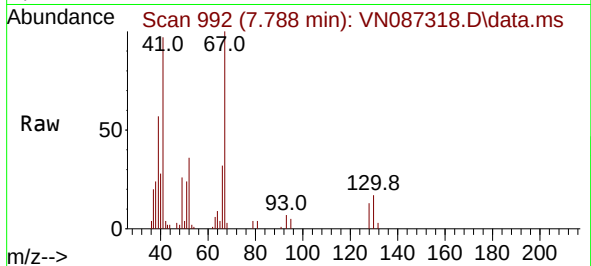




#35
Methacrylonitrile
Concen: 14.367 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

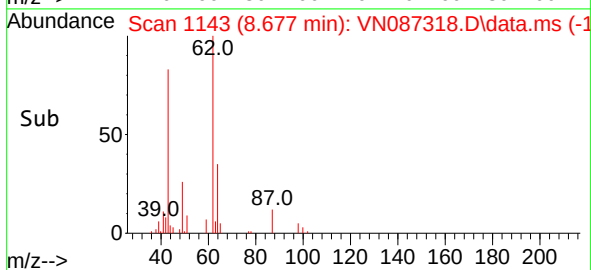
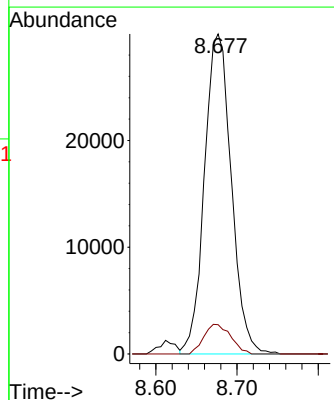
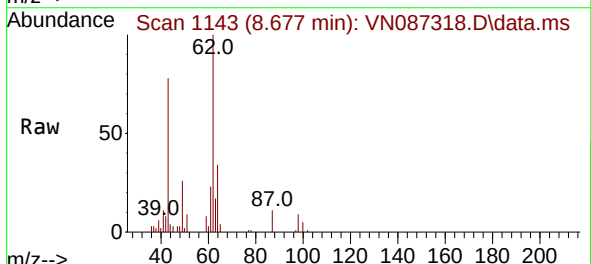
Instrument :
MSVOA_N
ClientSampleId :

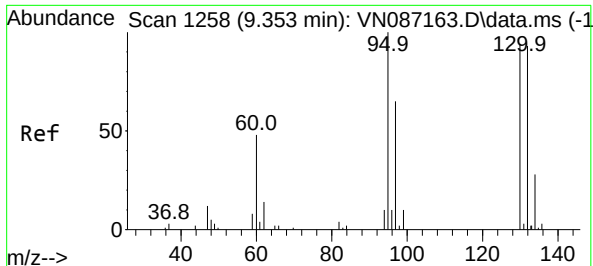
Tgt Ion:	41	Resp:	32474
Ion	Ratio	Lower	Upper
41	100		
39	58.6	24.4	73.2
67	103.3	33.3	99.8
52	37.4	14.1	42.4



#36
1,2-Dichloroethane
Concen: 20.248 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion:	62	Resp:	68912
Ion	Ratio	Lower	Upper
62	100		
98	9.3	7.2	10.8





#37

Trichloroethene

Concen: 19.224 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

Instrument :

MSVOA_N

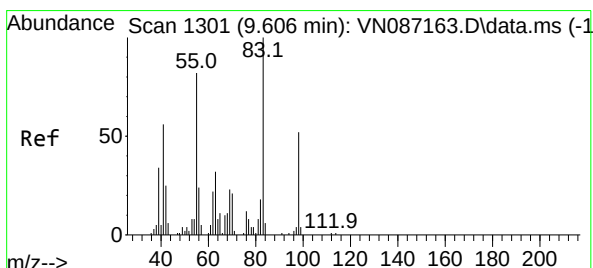
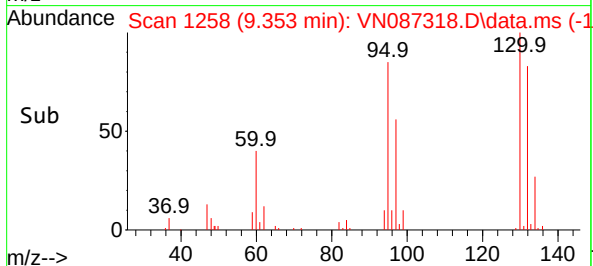
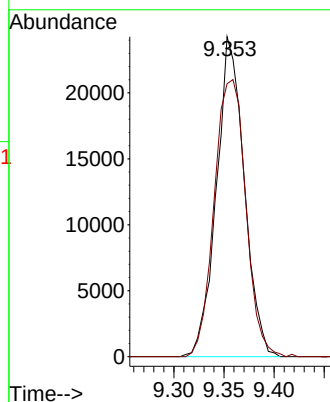
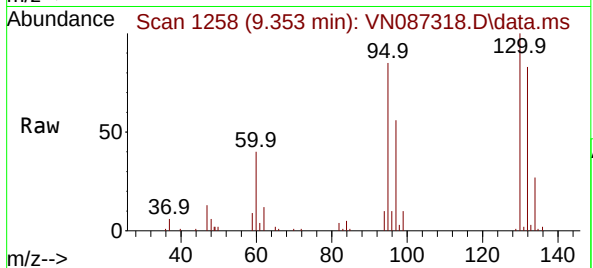
ClientSampleId :

Tgt Ion:130 Resp: 46707

Ion Ratio Lower Upper

130 100

95 85.3 85.3 127.9



#38

Methylcyclohexane

Concen: 15.748 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

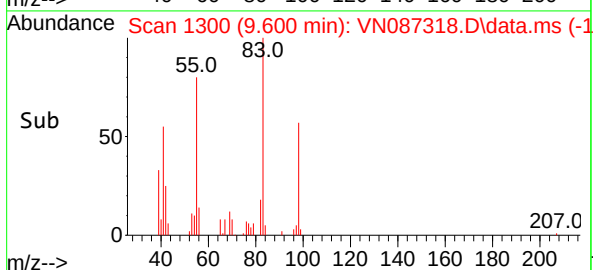
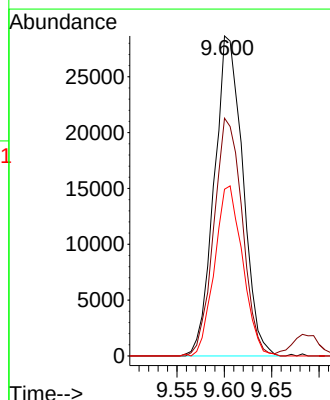
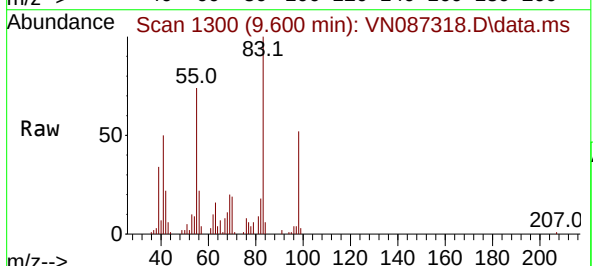
Tgt Ion: 83 Resp: 60079

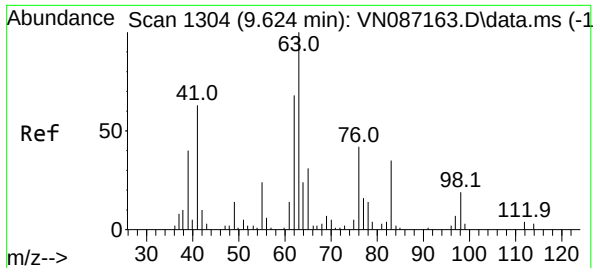
Ion Ratio Lower Upper

83 100

55 74.0 40.1 120.2

98 52.2 24.4 73.2

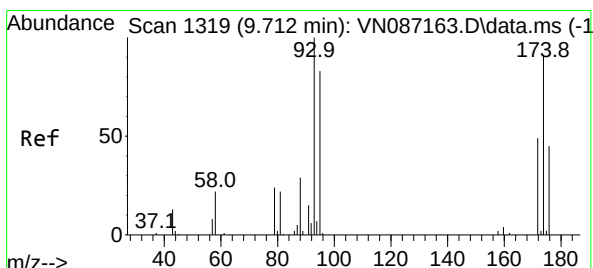
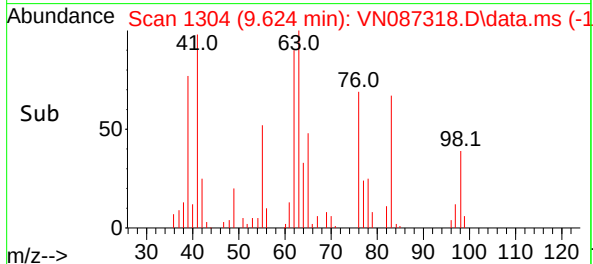
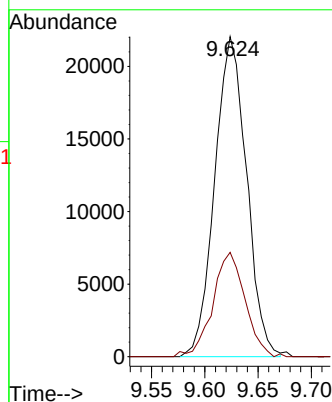
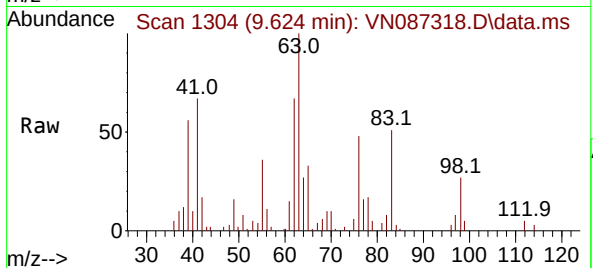




#39
1,2-Dichloropropane
Concen: 17.329 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

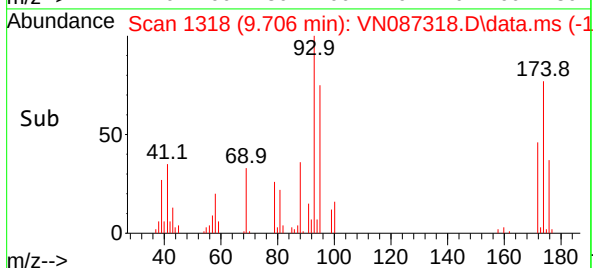
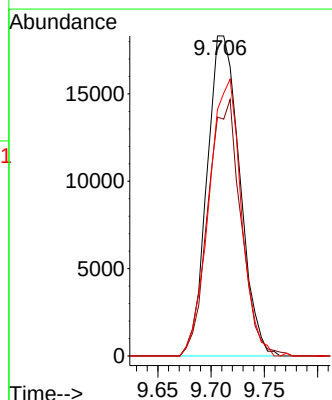
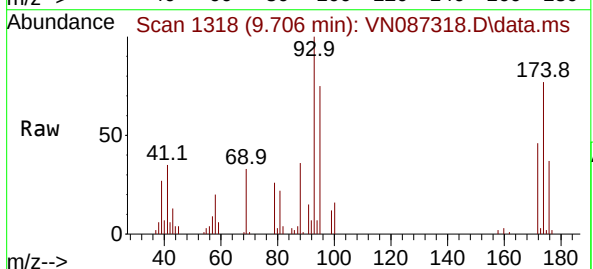
Instrument :
MSVOA_N
ClientSampleId :

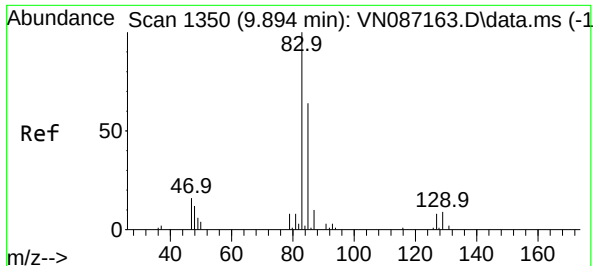
Tgt Ion: 63 Resp: 45815
Ion Ratio Lower Upper
63 100
65 31.7 24.6 36.8



#40
Dibromomethane
Concen: 21.819 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion: 93 Resp: 39225
Ion Ratio Lower Upper
93 100
95 80.0 0.0 170.8
174 85.0 0.0 176.6

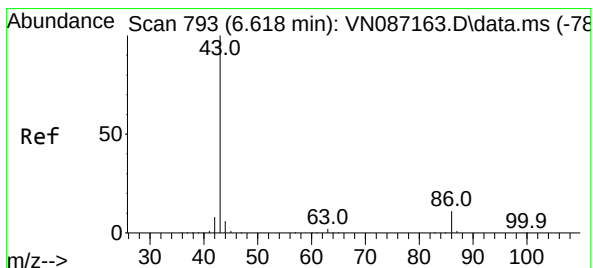
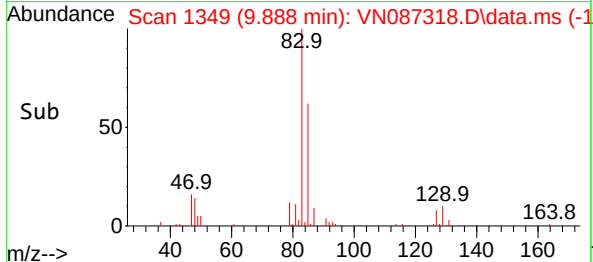
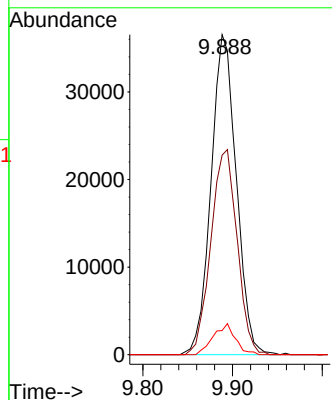
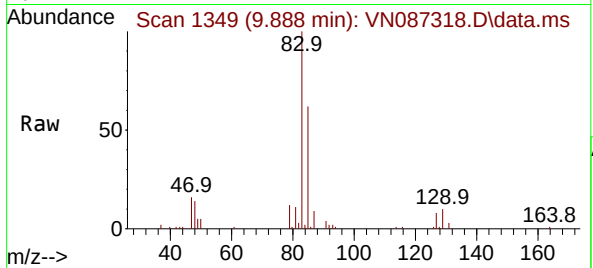




#41
Bromodichloromethane
Concen: 19.710 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

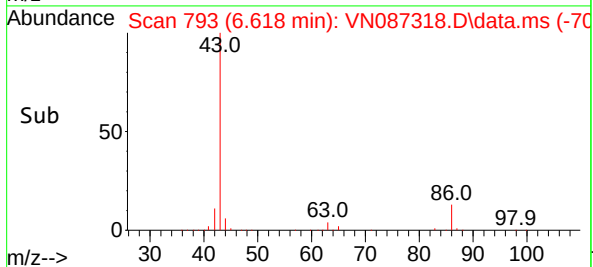
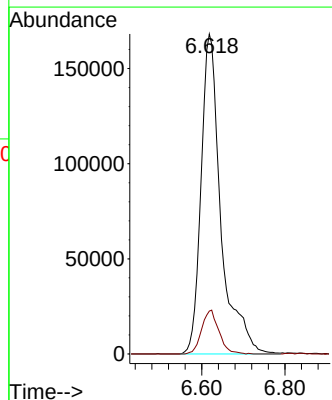
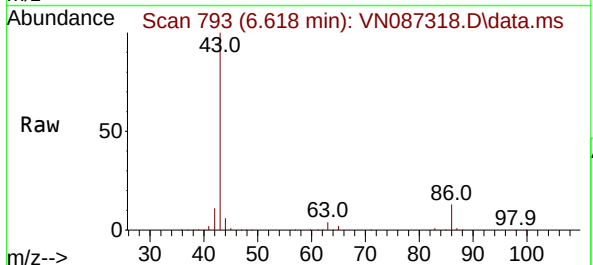
Instrument :
MSVOA_N
ClientSampleId :

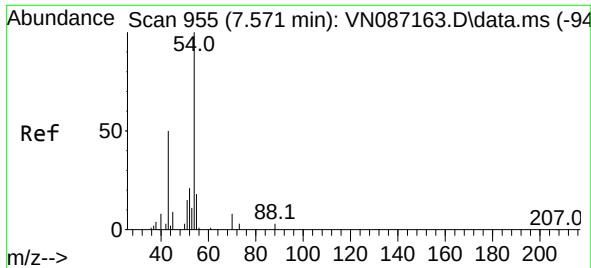
Tgt Ion: 83 Resp: 71521
Ion Ratio Lower Upper
83 100
85 62.4 51.4 77.2
127 7.5 6.1 9.1



#42
Vinyl Acetate
Concen: 76.469 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion: 43 Resp: 557843
Ion Ratio Lower Upper
43 100
86 11.9 7.7 11.5#

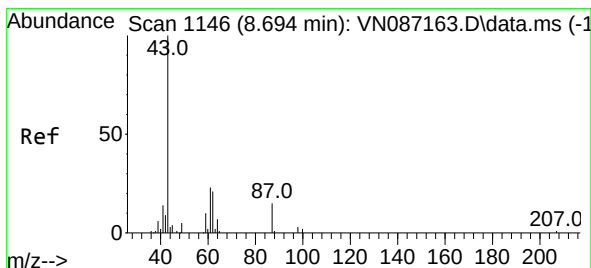
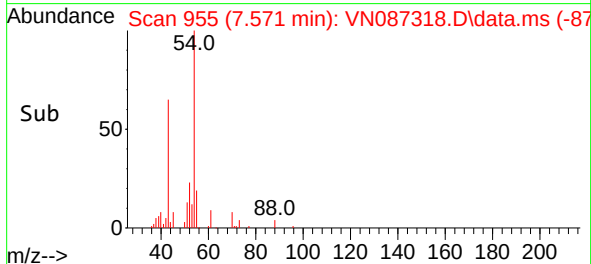
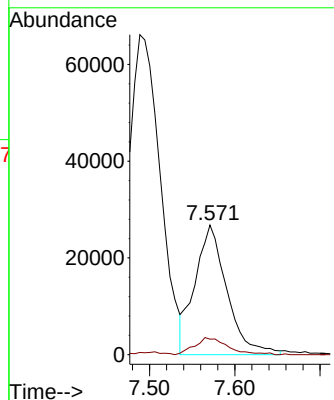
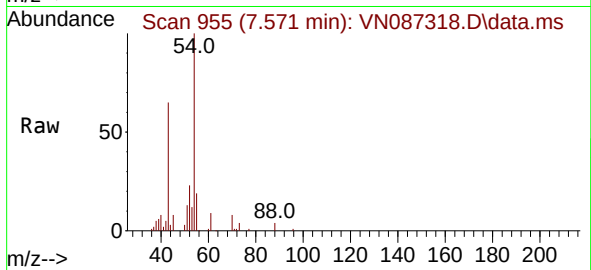




#43
Ethyl Acetate
Concen: 17.283 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

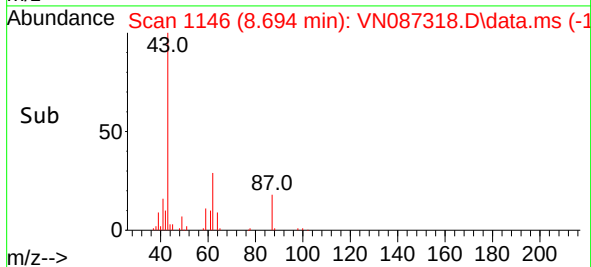
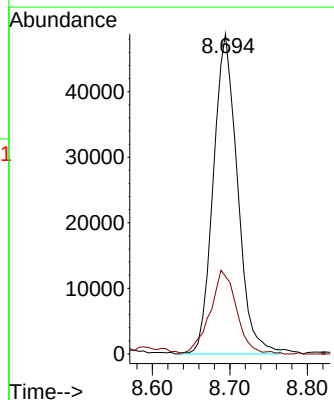
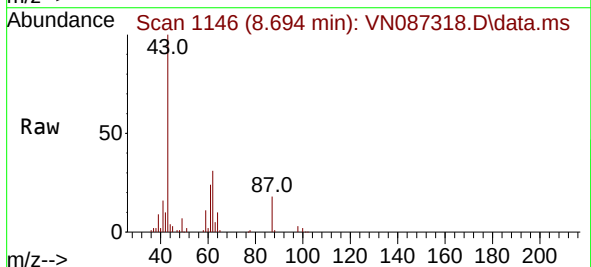
Instrument :
MSVOA_N
ClientSampleId :

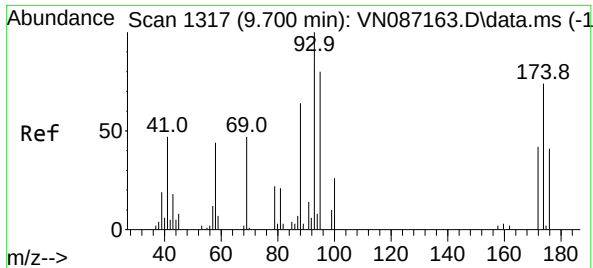
Tgt Ion: 43 Resp: 69979
Ion Ratio Lower Upper
43 100
45 13.4 11.5 17.3



#44
Isopropyl Acetate
Concen: 16.015 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion: 43 Resp: 105647
Ion Ratio Lower Upper
43 100
61 28.5 20.5 30.7

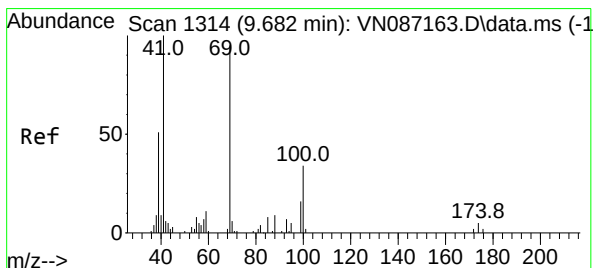
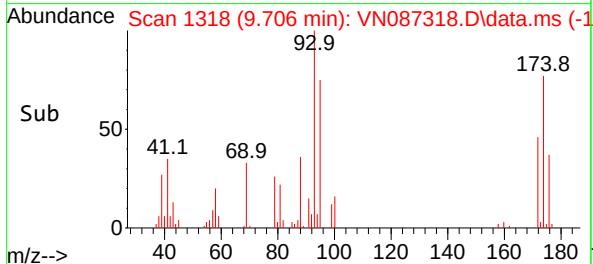
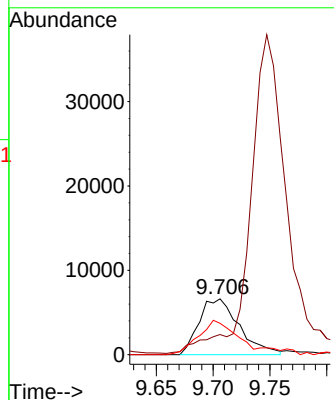
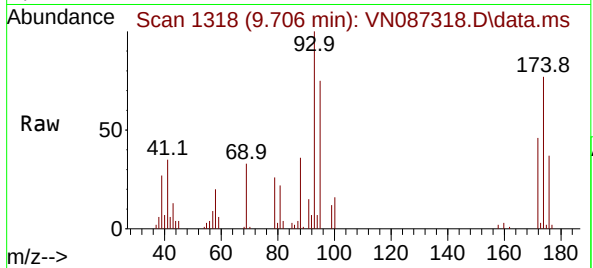




#45
 1,4-Dioxane
 Concen: 364.796 ug/l
 RT: 9.706 min Scan# 1318
 Delta R.T. 0.006 min
 Lab File: VN087318.D
 Acq: 10 Jul 2025 11:53

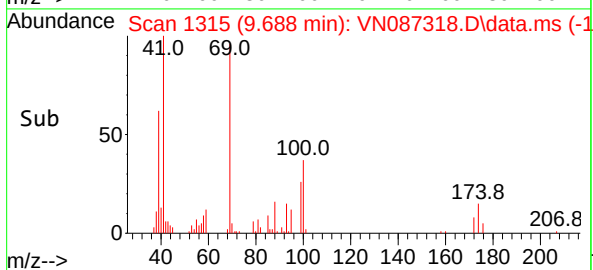
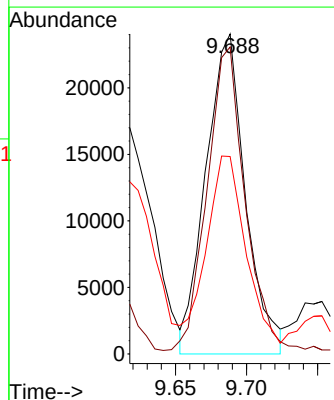
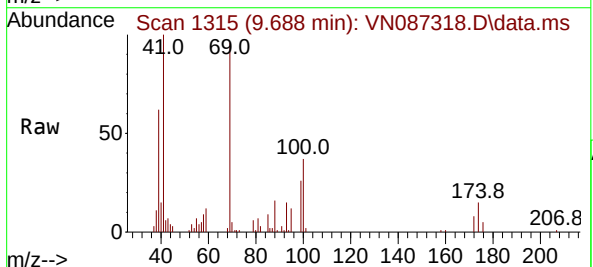
Instrument :
 MSVOA_N
 ClientSampleId :

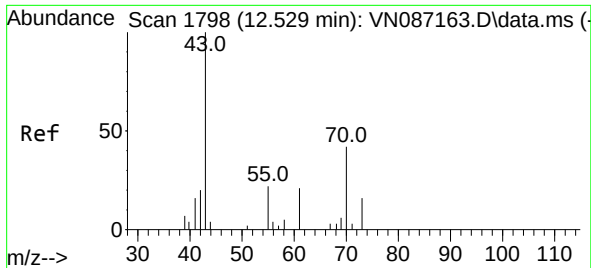
Tgt Ion: 88 Resp: 16279
 Ion Ratio Lower Upper
 88 100
 43 25.6 21.3 31.9
 58 56.9 61.7 92.5#



#46
 Methyl methacrylate
 Concen: 15.187 ug/l
 RT: 9.688 min Scan# 1315
 Delta R.T. 0.006 min
 Lab File: VN087318.D
 Acq: 10 Jul 2025 11:53

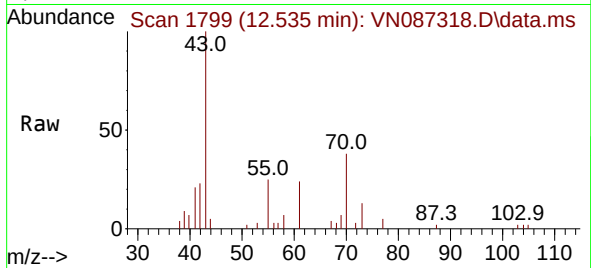
Tgt Ion: 41 Resp: 46575
 Ion Ratio Lower Upper
 41 100
 69 99.5 45.6 136.9
 39 63.0 26.2 78.5



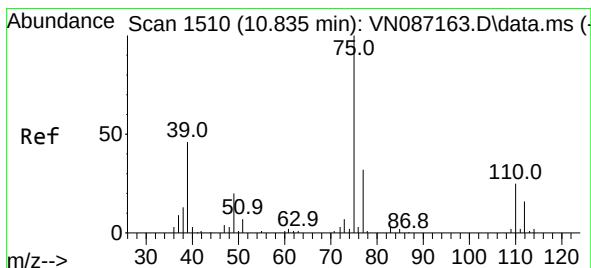
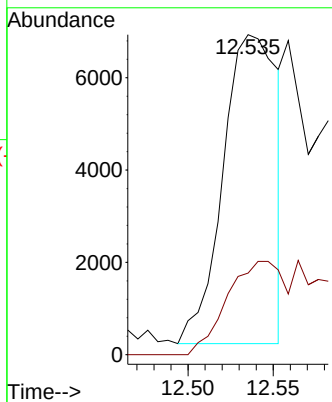
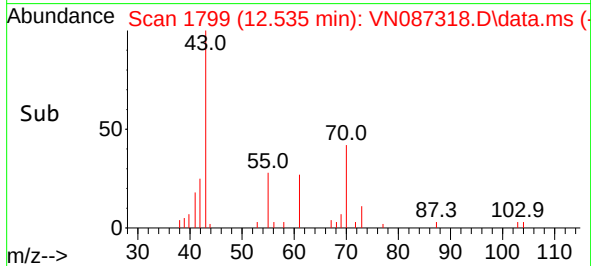


#47
n-amy1 Acetate
Concen: 3.656 ug/l
RT: 12.535 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :

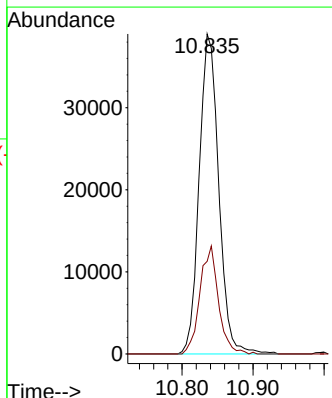
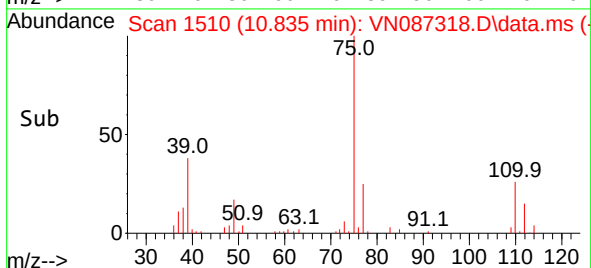
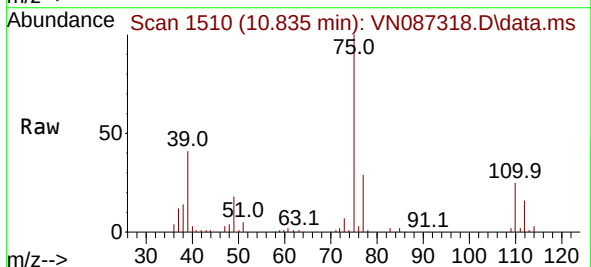


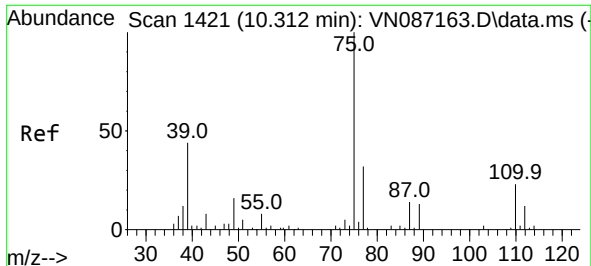
Tgt Ion: 43 Resp: 14747
Ion Ratio Lower Upper
43 100
55 32.1 0.0 0.0#



#48
t-1,3-Dichloropropene
Concen: 18.477 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion: 75 Resp: 74747
Ion Ratio Lower Upper
75 100
77 28.9 25.4 38.0

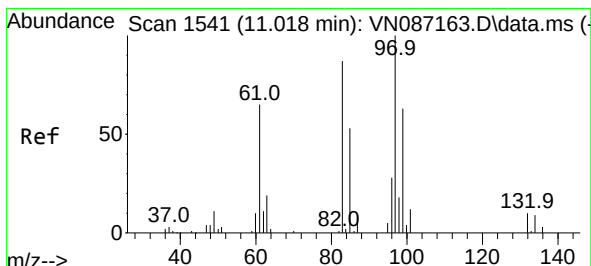
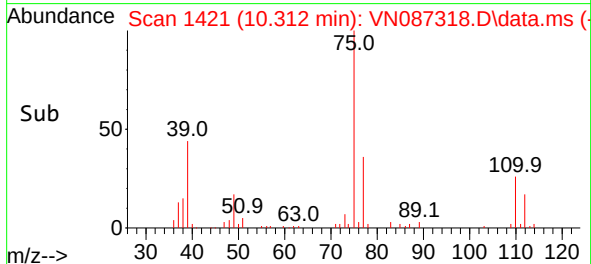
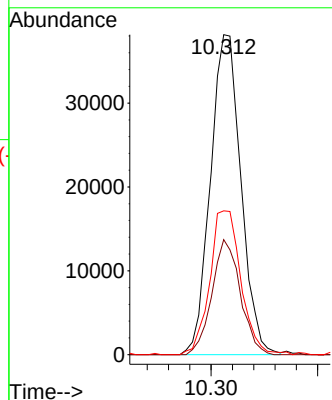
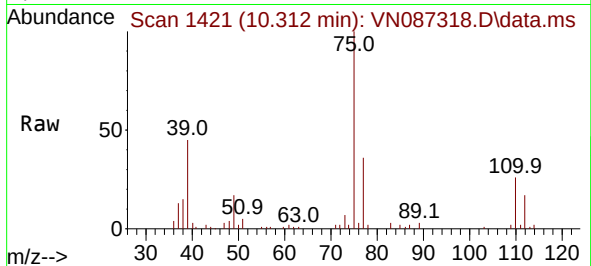




#49
 cis-1,3-Dichloropropene
 Concen: 17.637 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN087318.D
 Acq: 10 Jul 2025 11:53

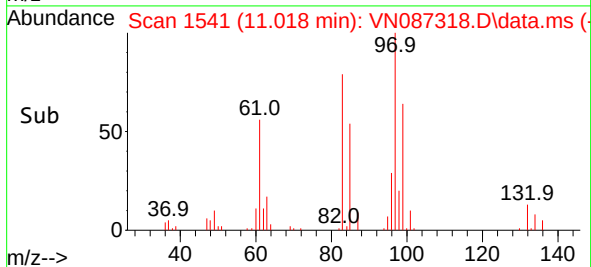
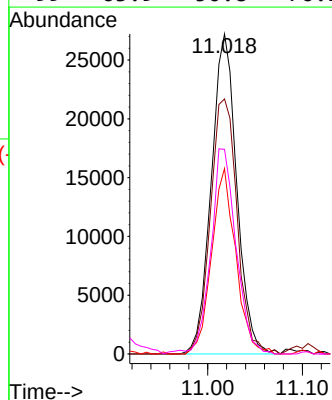
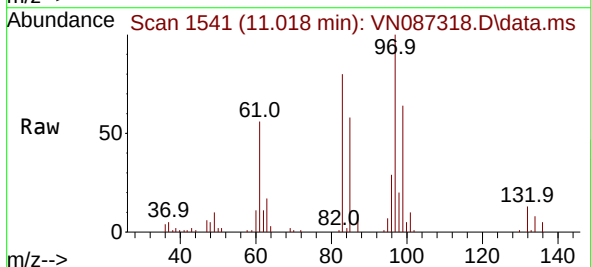
Instrument :
 MSVOA_N
 ClientSampleId :

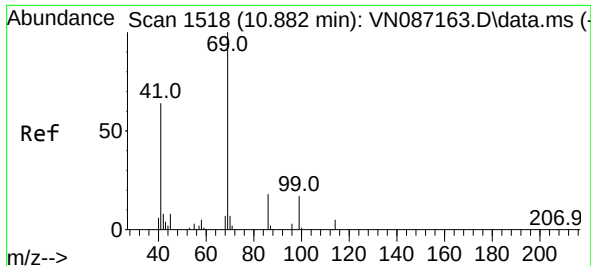
Tgt Ion: 75	Resp: 75850
Ion Ratio	Lower Upper
75 100	
77 35.9	25.4 38.2
39 45.0	35.3 52.9



#50
 1,1,2-Trichloroethane
 Concen: 19.947 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN087318.D
 Acq: 10 Jul 2025 11:53

Tgt Ion: 97	Resp: 50939
Ion Ratio	Lower Upper
97 100	
83 79.7	69.6 104.4
85 57.9	42.0 63.0
99 63.9	50.8 76.2

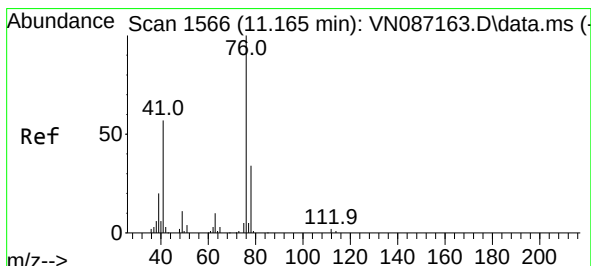
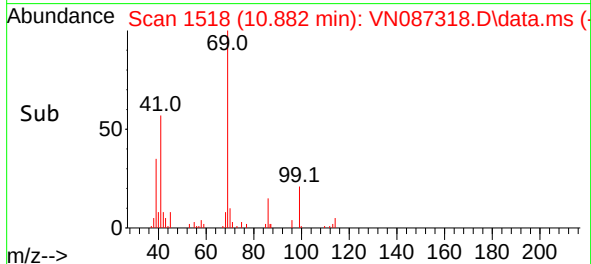
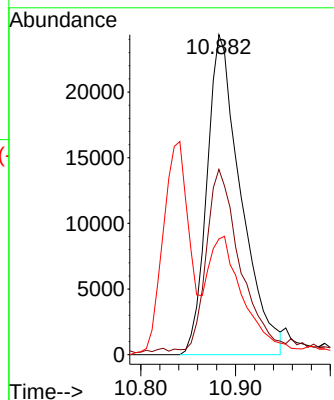
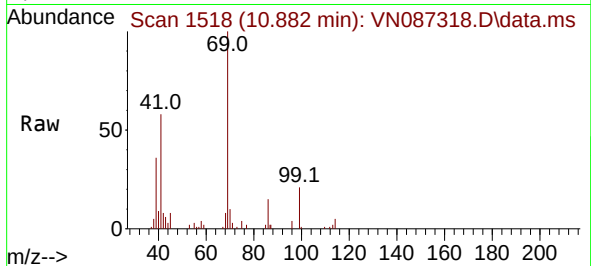




#51
Ethyl methacrylate
Concen: 15.620 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

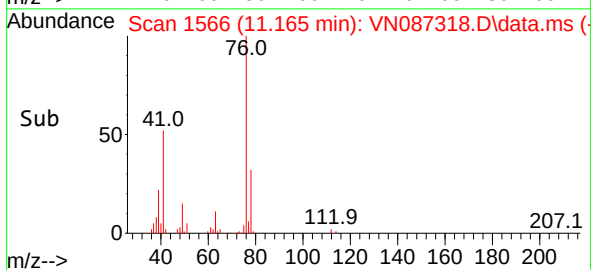
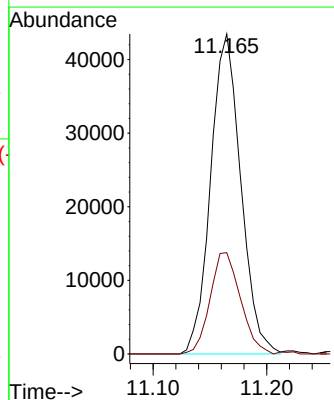
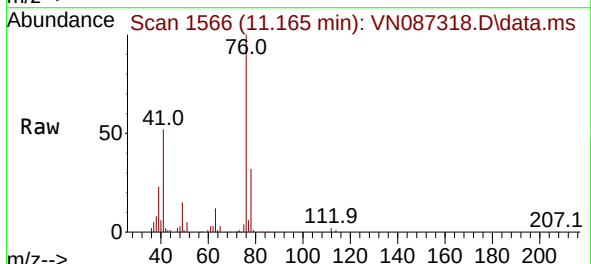
Instrument :
MSVOA_N
ClientSampleId :

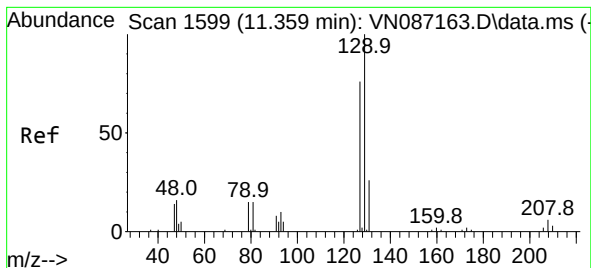
Tgt Ion: 69 Resp: 60712
Ion Ratio Lower Upper
69 100
41 56.3 31.8 95.3
39 32.5 15.3 45.8



#52
1,3-Dichloropropane
Concen: 18.306 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion: 76 Resp: 80260
Ion Ratio Lower Upper
76 100
78 31.9 0.0 63.0





#53

Dibromochloromethane

Concen: 21.674 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

Instrument :

MSVOA_N

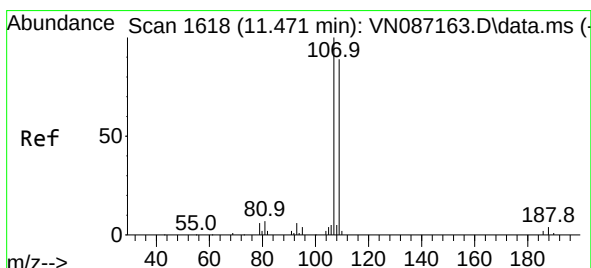
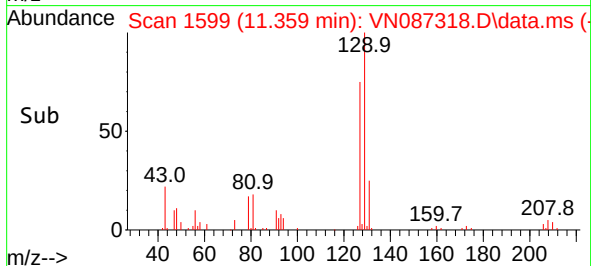
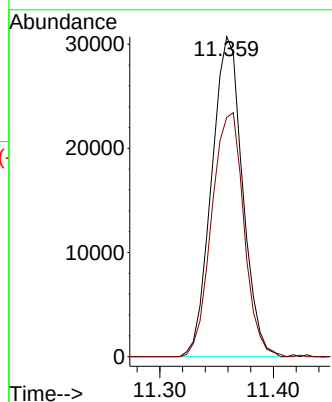
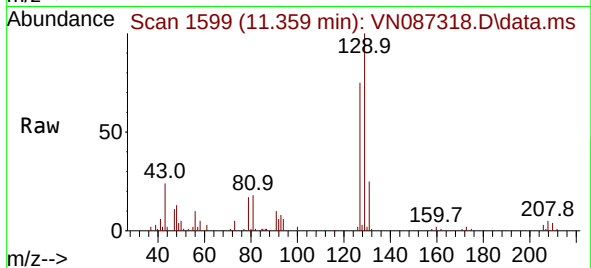
ClientSampleId :

Tgt Ion:129 Resp: 58101

Ion Ratio Lower Upper

129 100

127 79.2 39.6 118.8



#54

1,2-Dibromoethane

Concen: 20.460 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VN087318.D

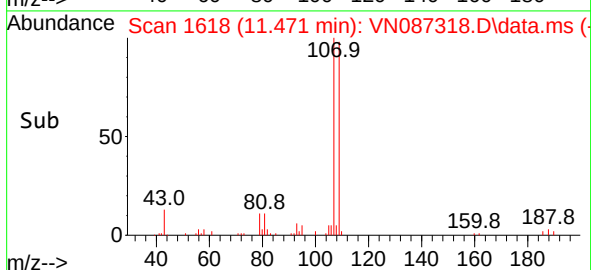
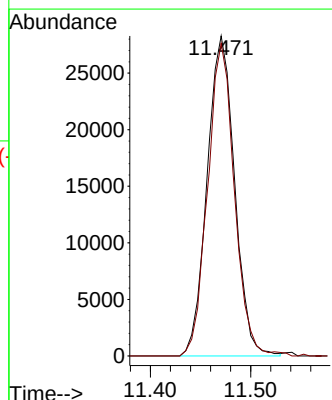
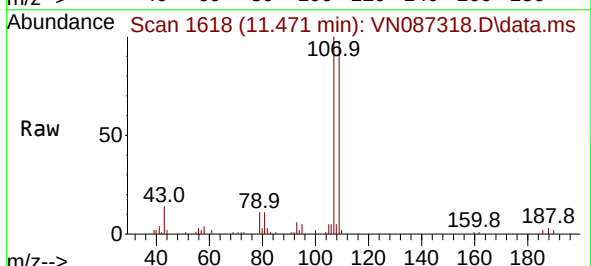
Acq: 10 Jul 2025 11:53

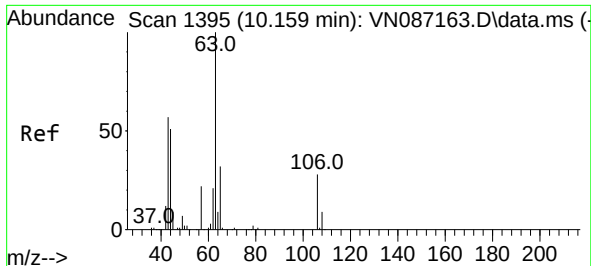
Tgt Ion:107 Resp: 53907

Ion Ratio Lower Upper

107 100

109 94.5 73.5 110.3

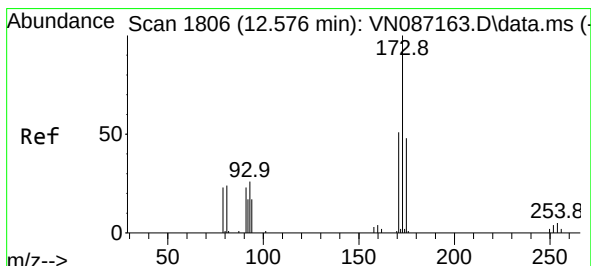
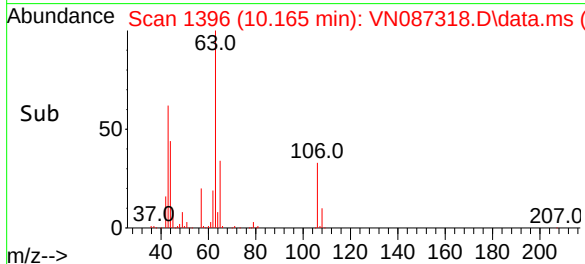
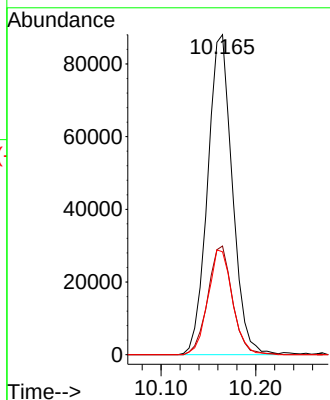
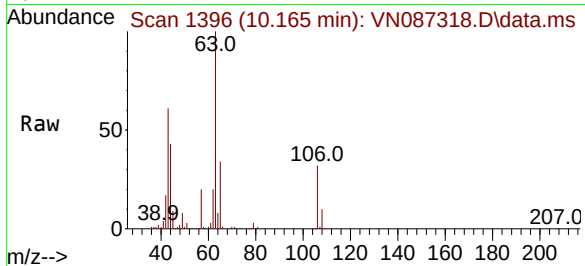




#55
2-Chloroethyl vinyl ether
Concen: 71.634 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

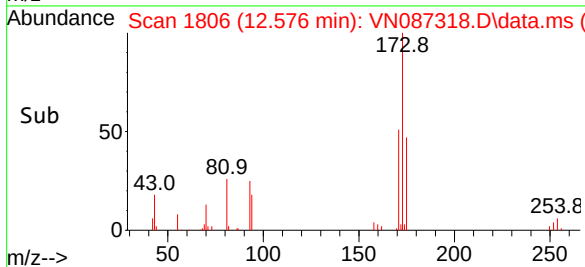
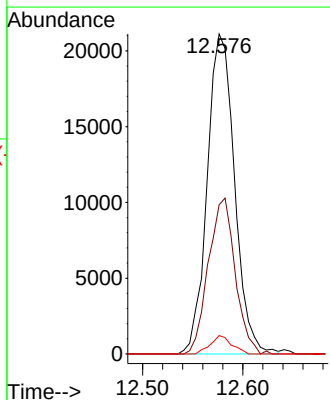
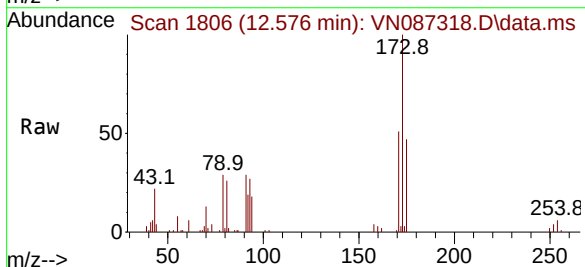
Instrument :
MSVOA_N
ClientSampleId :

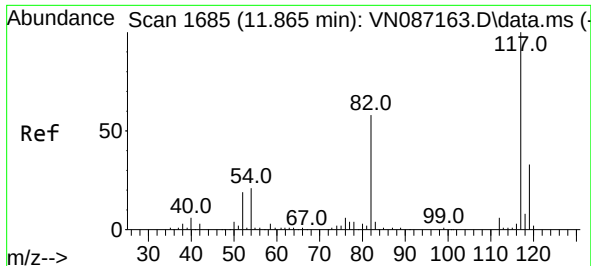
Tgt Ion: 63 Resp: 159599
Ion Ratio Lower Upper
63 100
65 33.8 25.6 38.4
106 32.5 21.9 32.9



#56
Bromoform
Concen: 21.784 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion:173 Resp: 40144
Ion Ratio Lower Upper
173 100
175 47.4 38.7 58.1
254 4.5 4.2 6.4





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

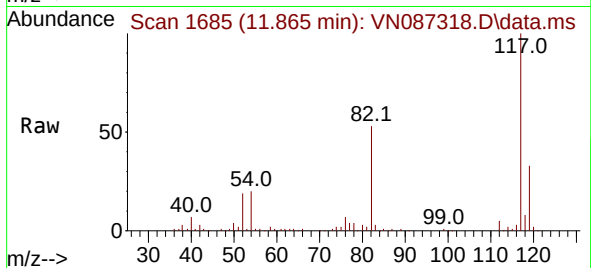
Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

Instrument :

MSVOA_N

ClientSampleId :



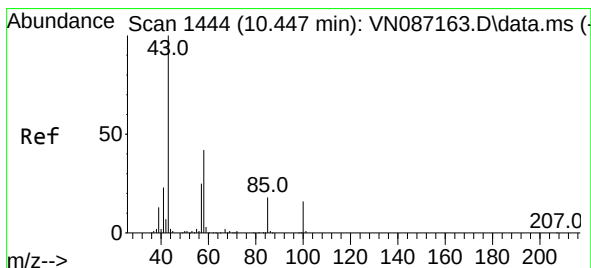
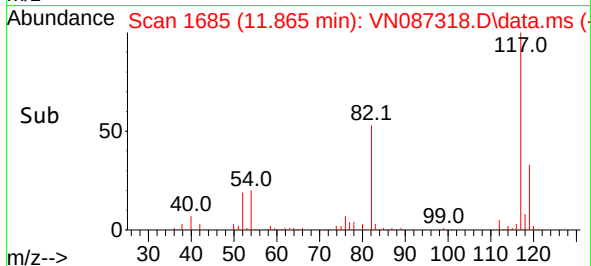
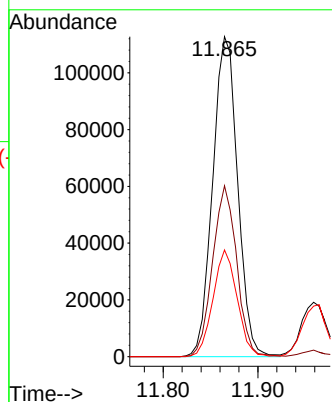
Tgt Ion:117 Resp: 206435

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

117	100		
-----	-----	--	--

82	51.7	45.4	68.2
----	------	------	------

119	32.3	26.2	39.4
-----	------	------	------



#58

4-Methyl-2-Pentanone

Concen: 78.031 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

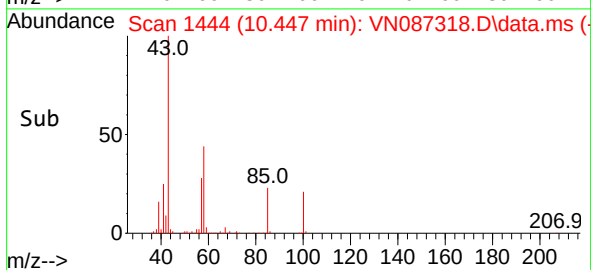
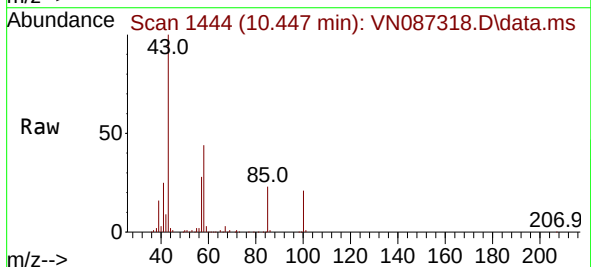
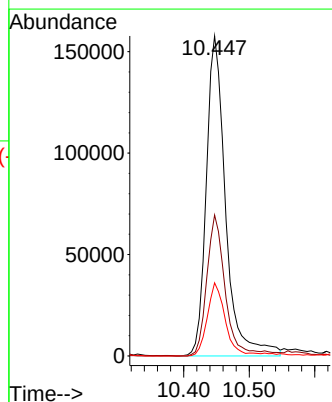
Tgt Ion: 43 Resp: 323835

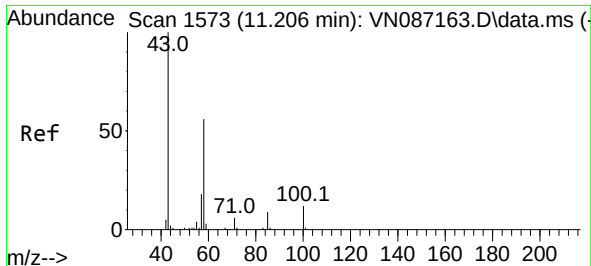
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

43	100		
----	-----	--	--

58	41.4	32.6	49.0
----	------	------	------

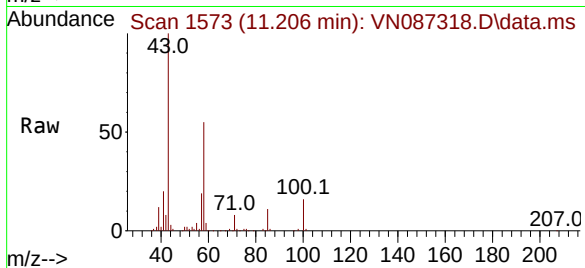
85	20.7	14.6	22.0
----	------	------	------



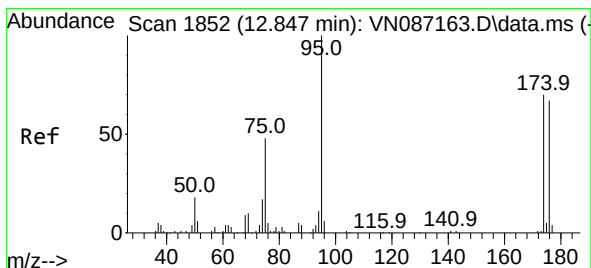
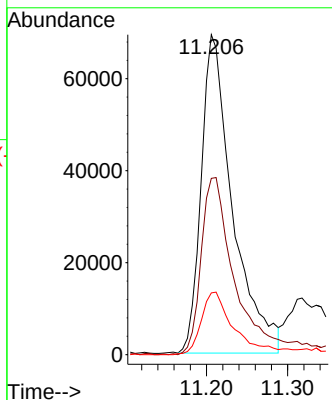
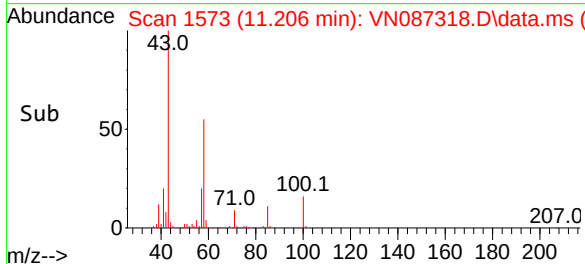


#59
2-Hexanone
Concen: 69.530 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :

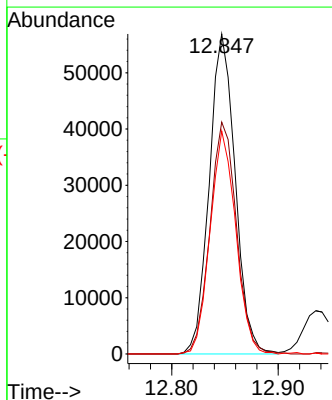
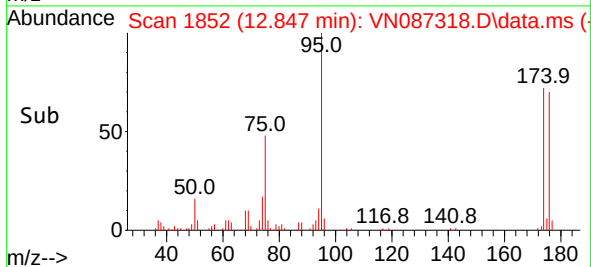
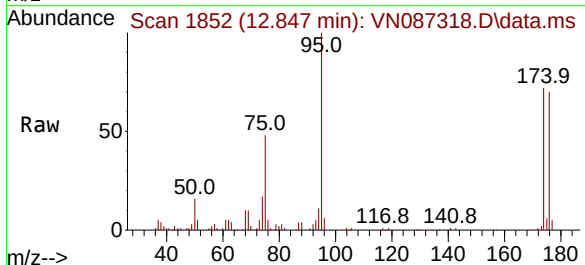


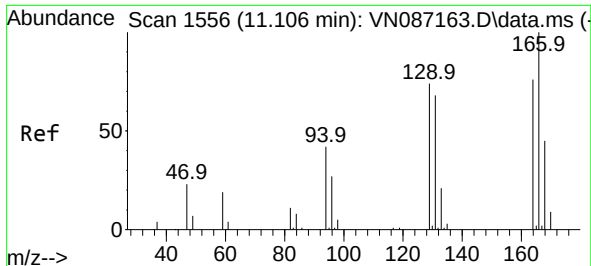
Tgt Ion: 43 Resp: 186329
Ion Ratio Lower Upper
43 100
58 58.5 49.2 73.8
57 19.4 15.3 22.9



#60
4-Bromofluorobenzene
Concen: 30.205 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

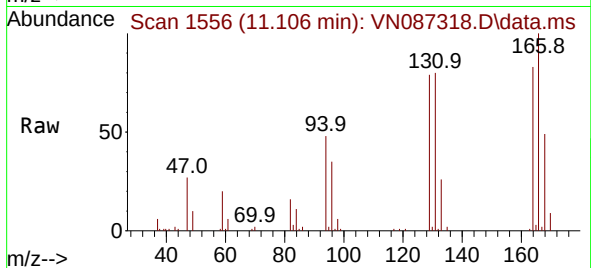
Tgt Ion: 95 Resp: 96219
Ion Ratio Lower Upper
95 100
174 74.2 54.5 81.7
176 68.8 51.9 77.9



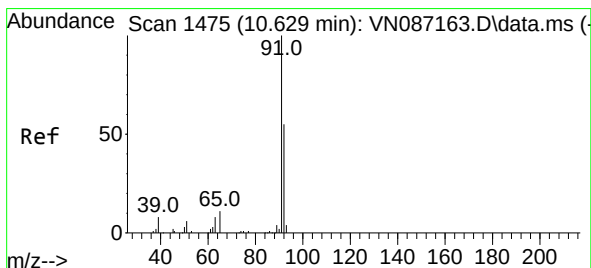
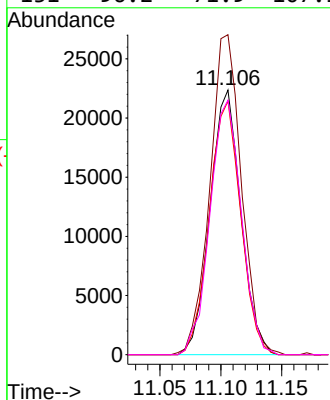
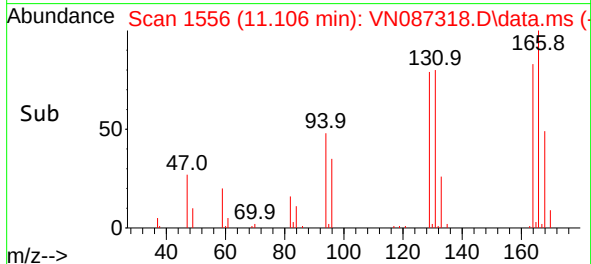


#61
Tetrachloroethene
Concen: 19.308 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :

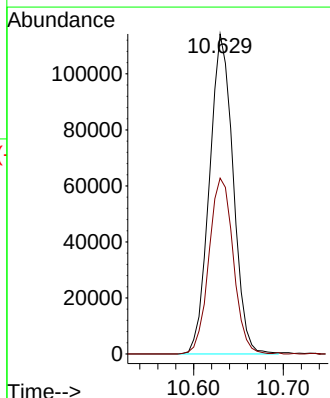
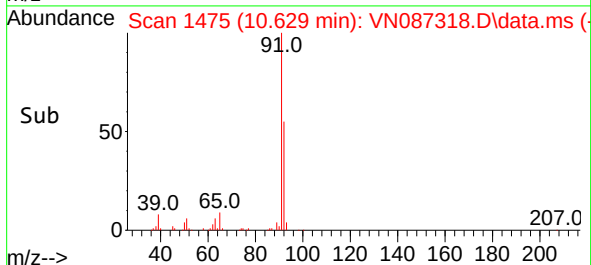
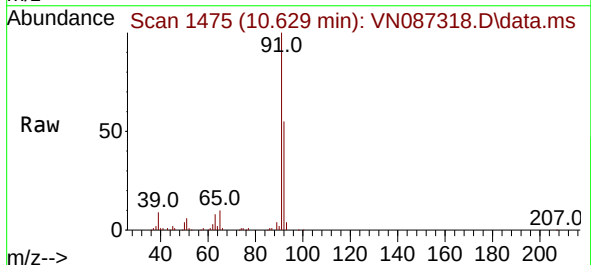


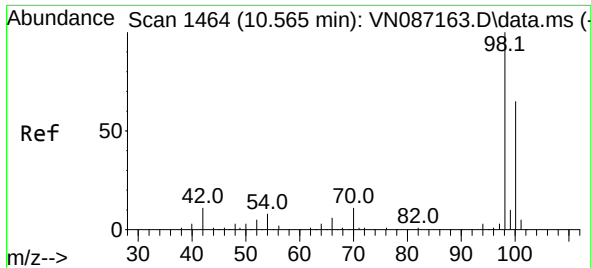
Tgt Ion:164 Resp: 39473
Ion Ratio Lower Upper
164 100
166 120.1 105.4 158.2
129 95.9 77.9 116.9
131 96.2 71.9 107.9



#62
Toluene
Concen: 17.965 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion: 91 Resp: 209457
Ion Ratio Lower Upper
91 100
92 56.5 45.8 68.8

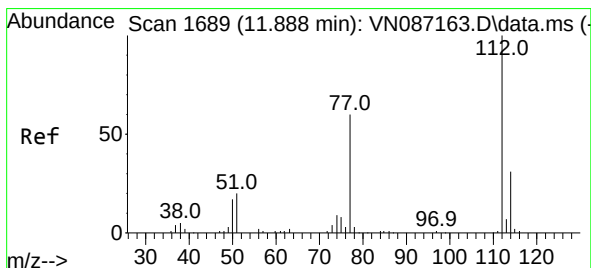
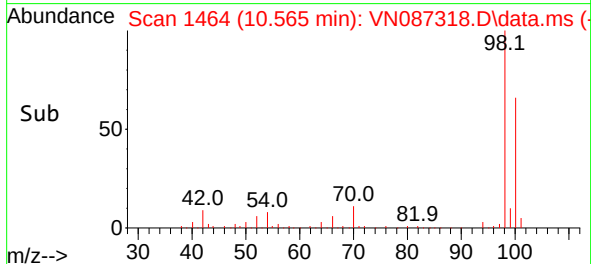
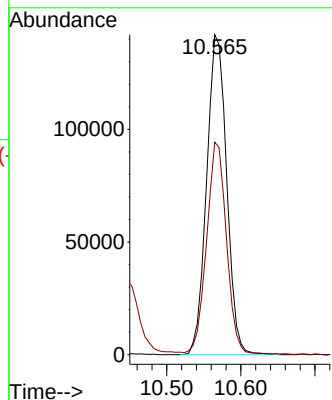
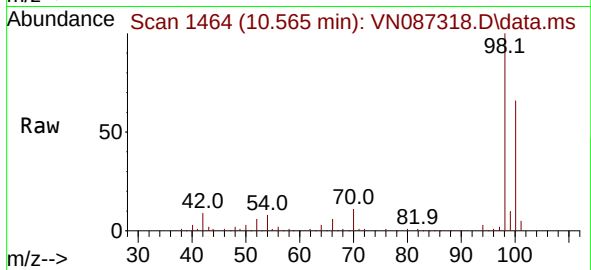




#63
Toluene-d8
Concen: 28.775 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

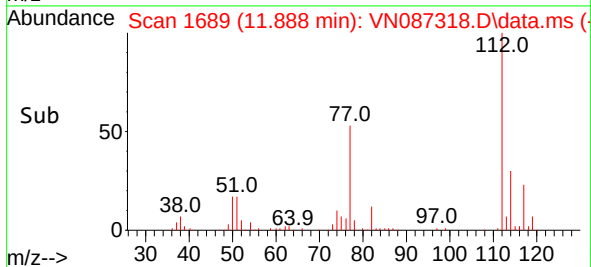
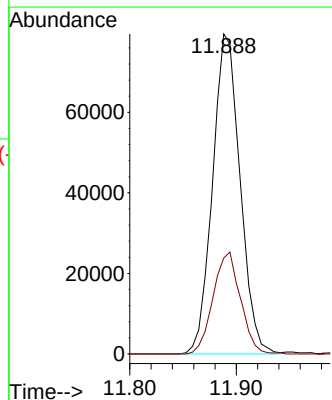
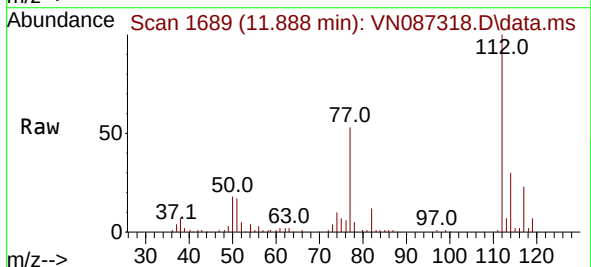
Instrument :
MSVOA_N
ClientSampleId :

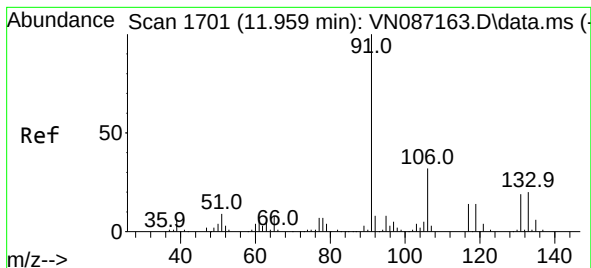
Tgt Ion: 98 Resp: 266713
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7



#64
Chlorobenzene
Concen: 19.162 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion: 112 Resp: 142509
Ion Ratio Lower Upper
112 100
114 29.9 25.0 37.4

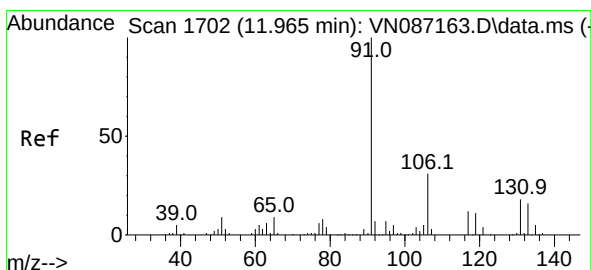
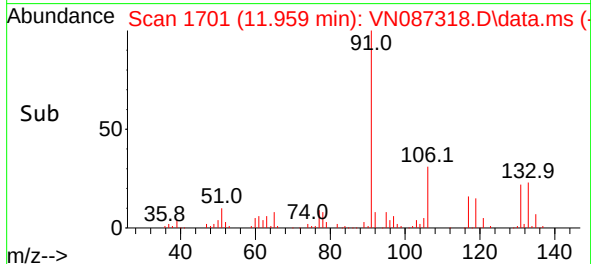
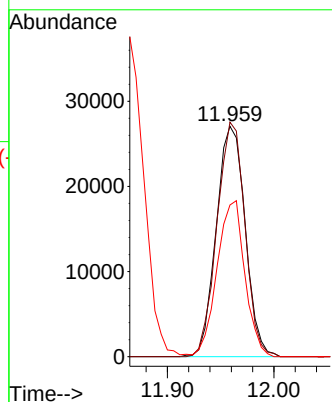
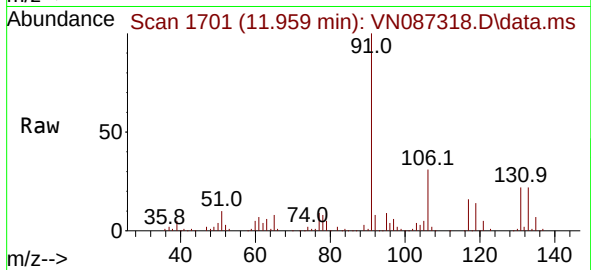




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.790 ug/l
 RT: 11.959 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN087318.D
 Acq: 10 Jul 2025 11:53

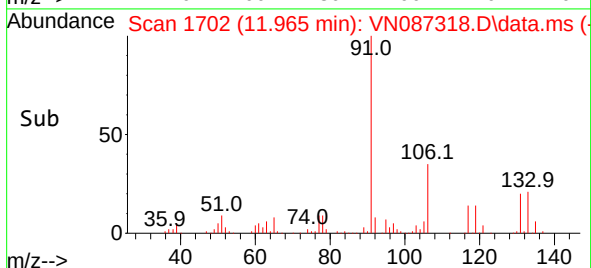
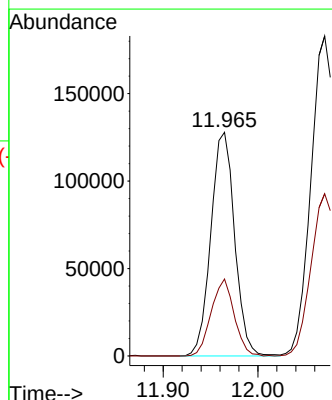
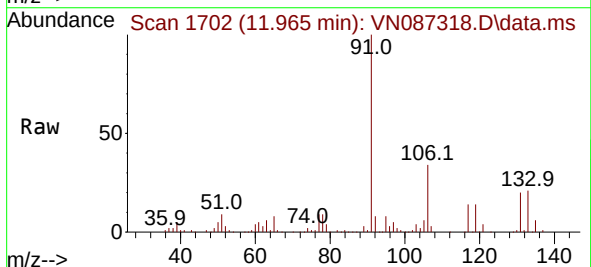
Instrument :
 MSVOA_N
 ClientSampleId :

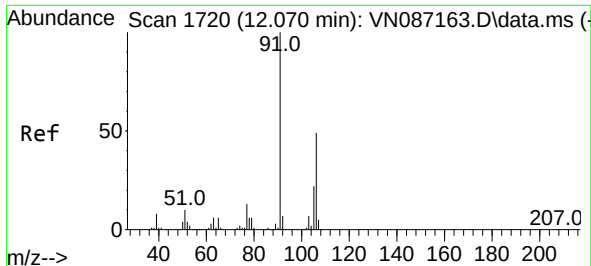
Tgt Ion:131 Resp: 51088
 Ion Ratio Lower Upper
 131 100
 133 98.2 0.0 187.8
 119 65.0 0.0 140.0



#66
 Ethyl Benzene
 Concen: 17.502 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN087318.D
 Acq: 10 Jul 2025 11:53

Tgt Ion: 91 Resp: 223351
 Ion Ratio Lower Upper
 91 100
 106 34.4 24.8 37.2

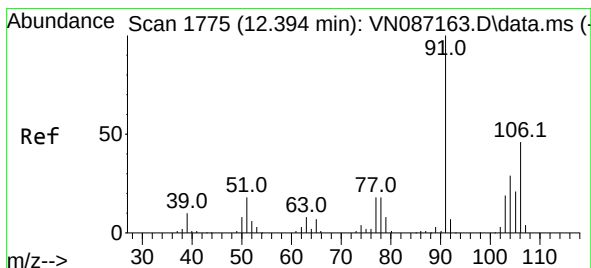
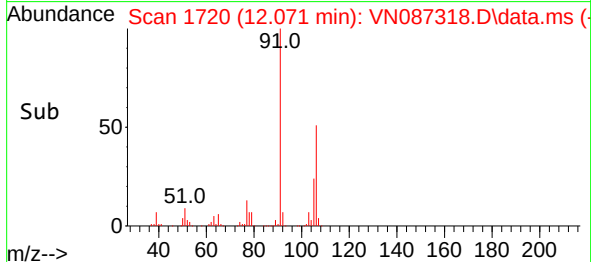
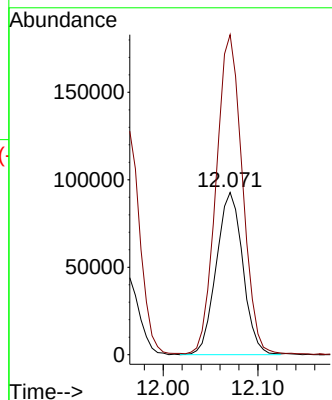
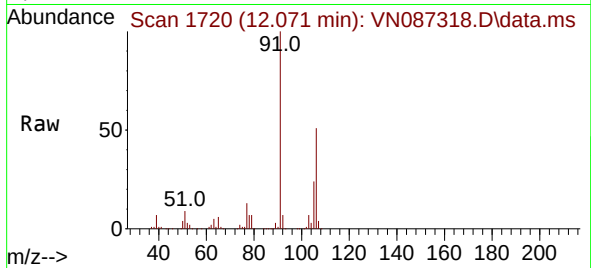




#67
m/p-Xylenes
Concen: 36.950 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

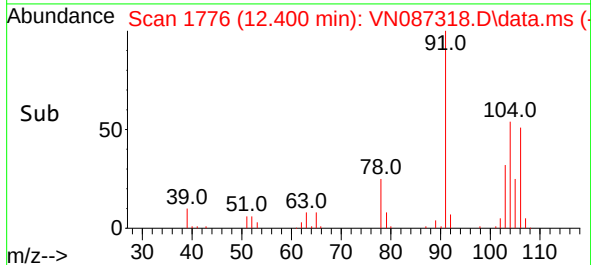
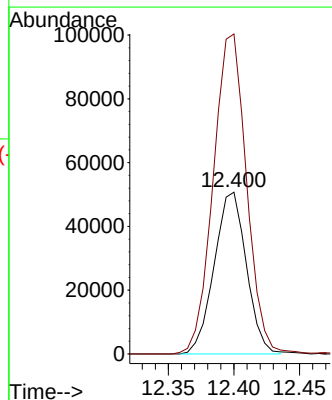
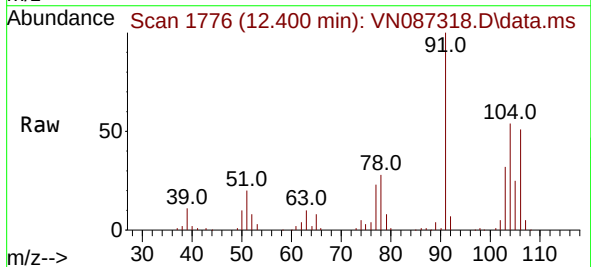
Instrument :
MSVOA_N
ClientSampleId :

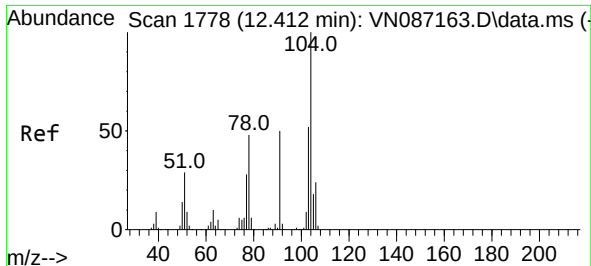
Tgt Ion:106 Resp: 180696
Ion Ratio Lower Upper
106 100
91 196.0 163.0 244.4



#68
o-Xylene
Concen: 18.571 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion:106 Resp: 86642
Ion Ratio Lower Upper
106 100
91 204.6 107.1 321.1

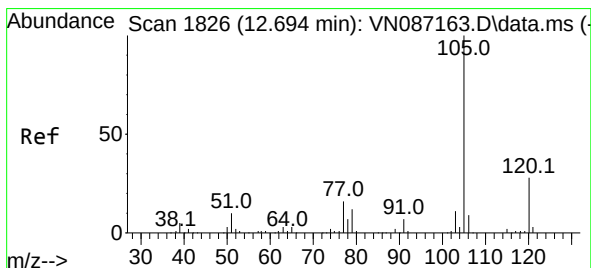
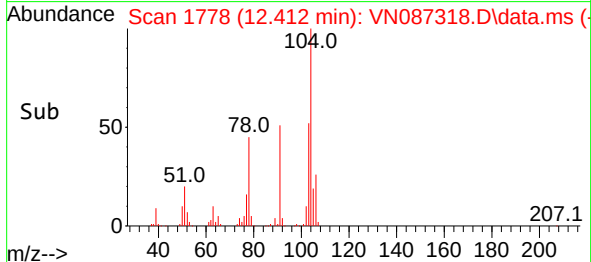
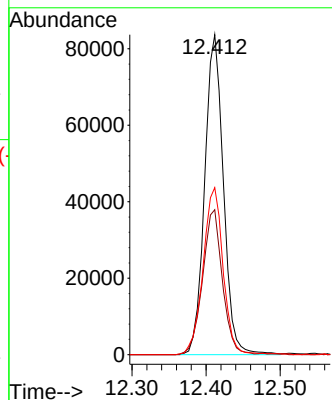
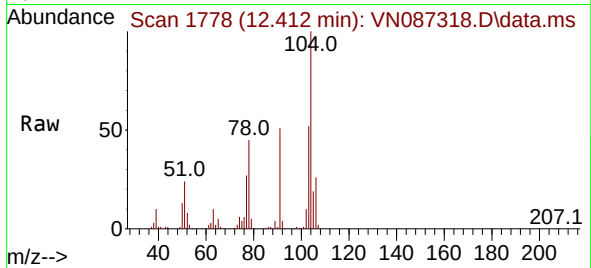




#69
Styrene
Concen: 18.358 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

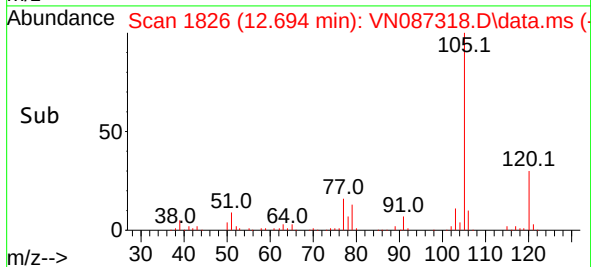
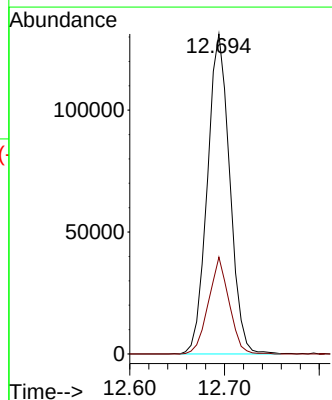
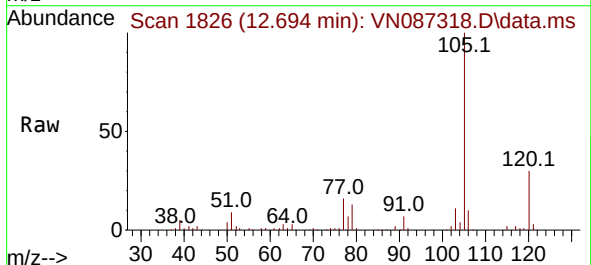
Instrument :
MSVOA_N
ClientSampleId :

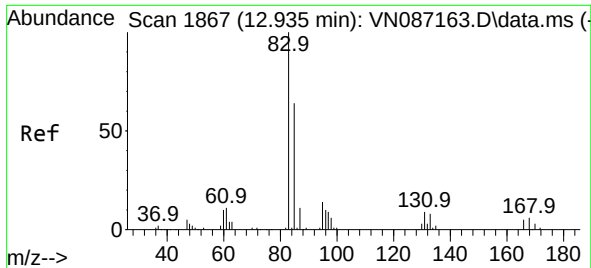
Tgt Ion:104 Resp: 147043
Ion Ratio Lower Upper
104 100
78 47.9 39.8 59.8
103 56.0 44.2 66.4



#70
Isopropylbenzene
Concen: 18.519 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion:105 Resp: 215183
Ion Ratio Lower Upper
105 100
120 27.8 19.0 35.2

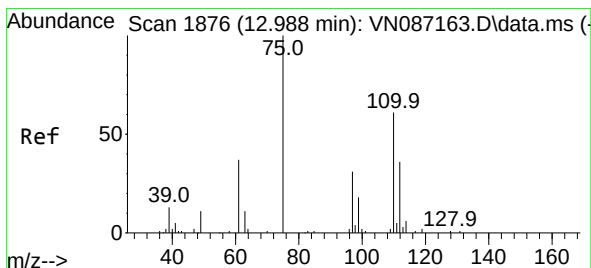
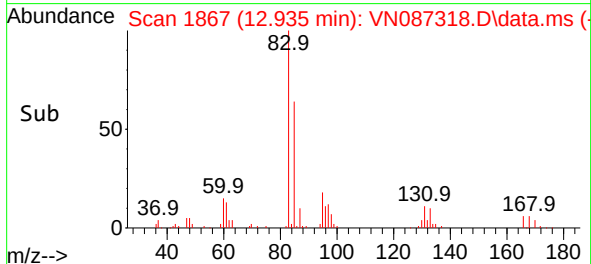
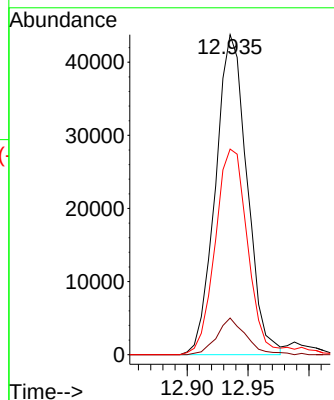
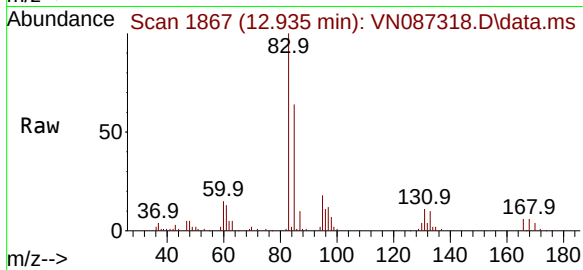




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.832 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN087318.D
 Acq: 10 Jul 2025 11:53

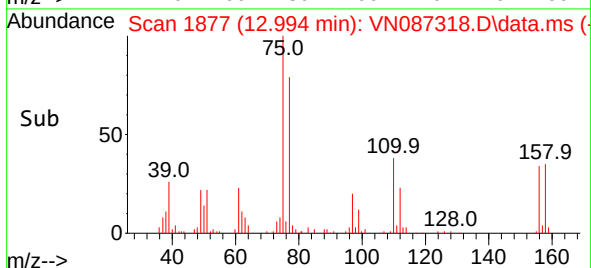
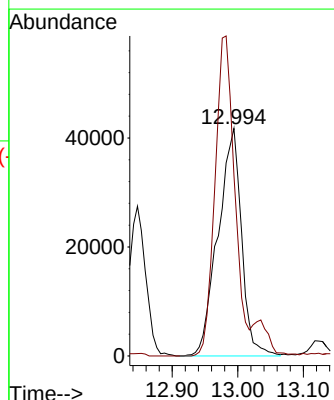
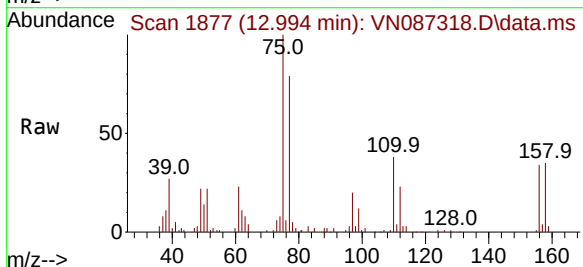
Instrument :
 MSVOA_N
 ClientSampleId :

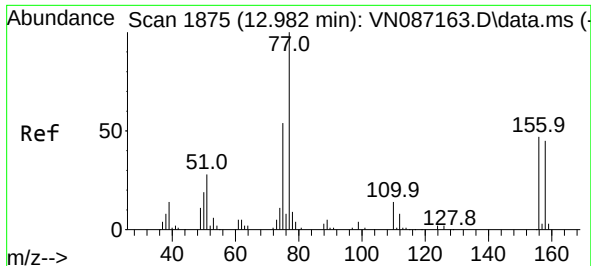
Tgt Ion: 83 Resp: 78763
 Ion Ratio Lower Upper
 83 100
 131 10.6 4.5 13.4
 85 65.8 31.3 93.9



#72
 1,2,3-Trichloropropane
 Concen: 28.869 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN087318.D
 Acq: 10 Jul 2025 11:53

Tgt Ion: 75 Resp: 104121
 Ion Ratio Lower Upper
 75 100
 77 116.7 0.0 379.2

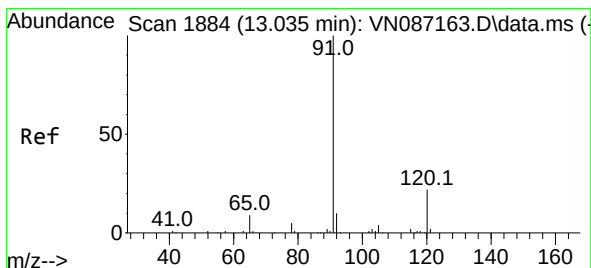
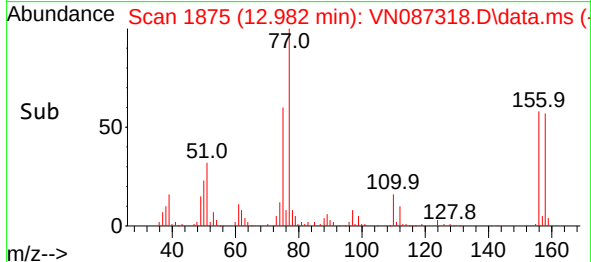
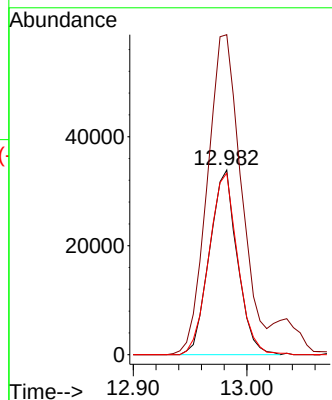
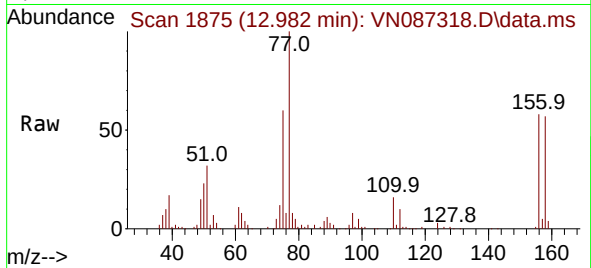




#73
Bromobenzene
Concen: 20.482 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

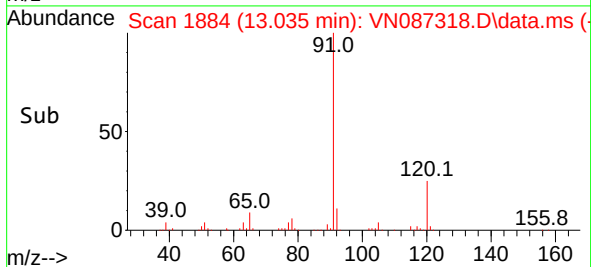
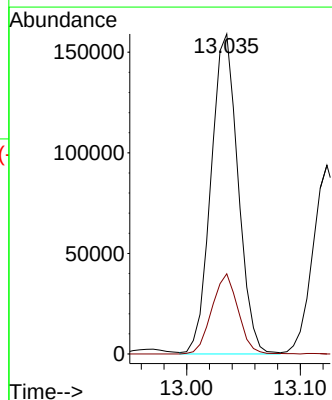
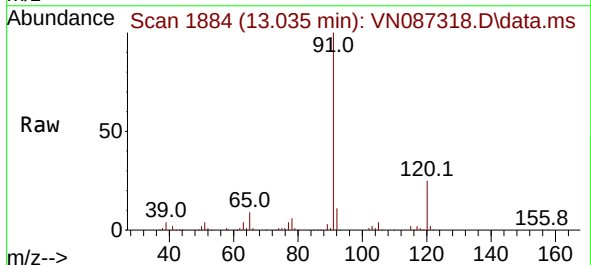
Instrument :
MSVOA_N
ClientSampleId :

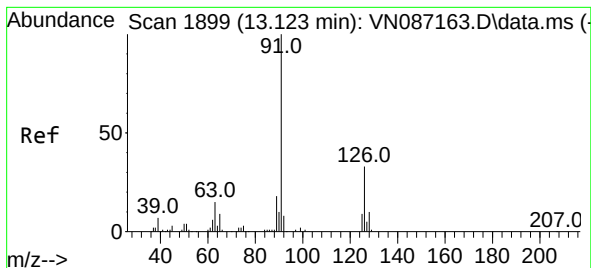
Tgt Ion:156 Resp: 57731
Ion Ratio Lower Upper
156 100
77 210.5 0.0 489.0
158 101.6 0.0 195.2



#74
n-propylbenzene
Concen: 18.567 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion: 91 Resp: 263560
Ion Ratio Lower Upper
91 100
120 24.2 0.0 43.6





#75

2-Chlorotoluene

Concen: 18.728 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

Instrument :

MSVOA_N

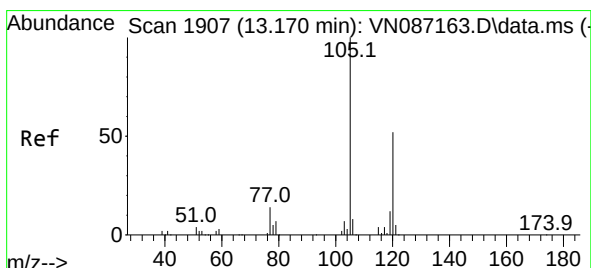
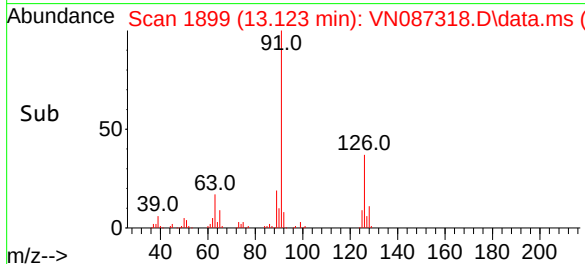
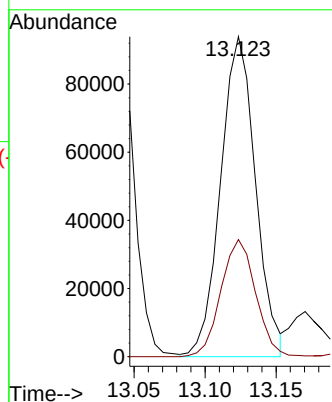
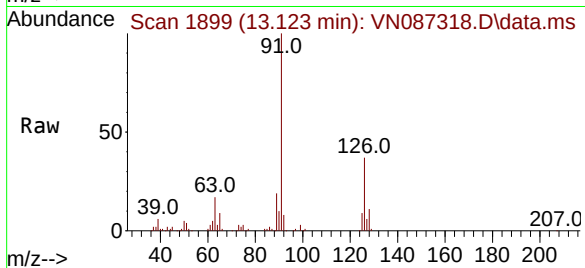
ClientSampleId :

Tgt Ion: 91 Resp: 160616

Ion Ratio Lower Upper

91 100

126 36.4 0.0 63.8



#76

1,3,5-Trimethylbenzene

Concen: 19.607 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN087318.D

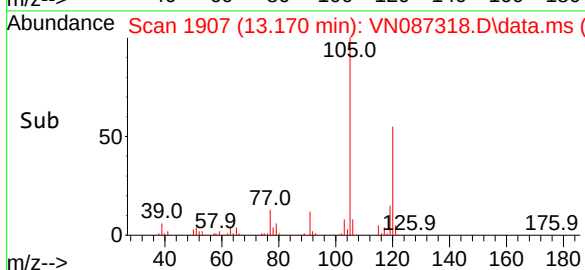
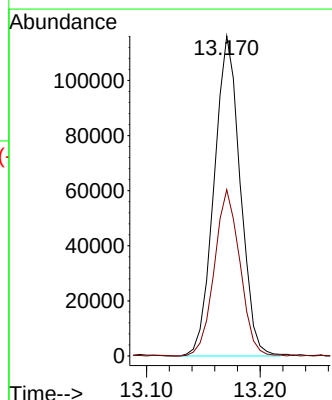
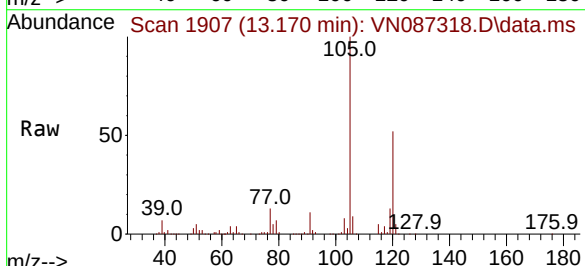
Acq: 10 Jul 2025 11:53

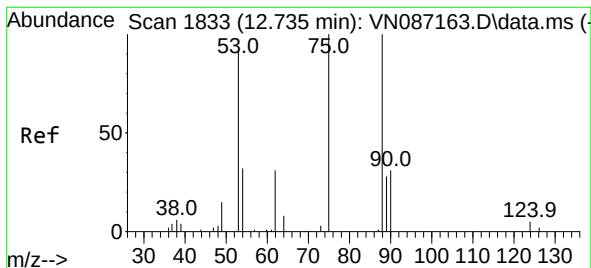
Tgt Ion:105 Resp: 185472

Ion Ratio Lower Upper

105 100

120 50.9 0.0 100.8

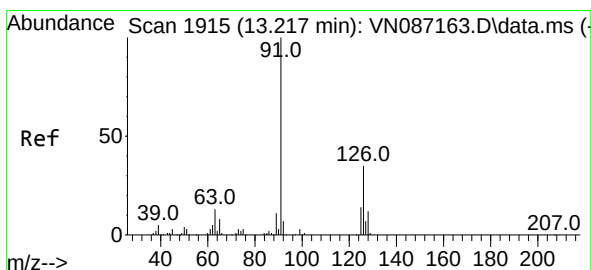
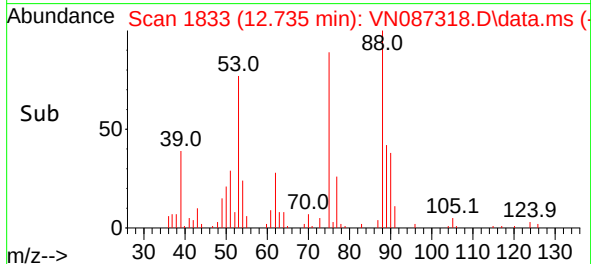
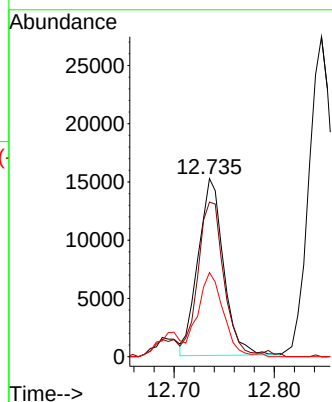
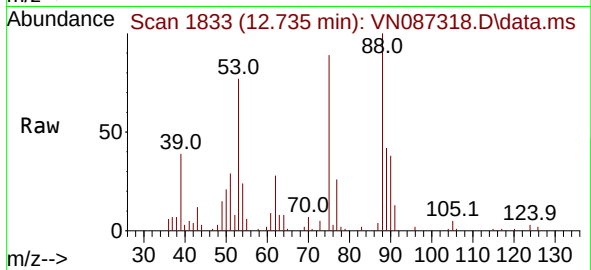




#77
t-1,4-Dichloro-2-butene
Concen: 16.794 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

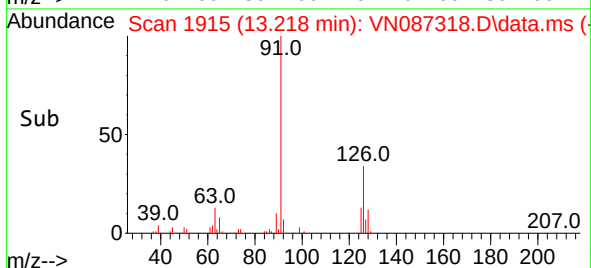
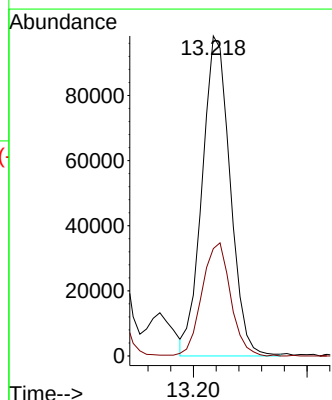
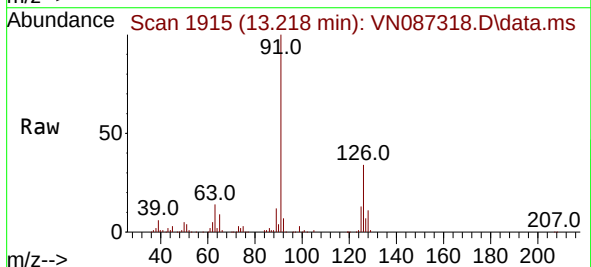
Instrument :
MSVOA_N
ClientSampleId :

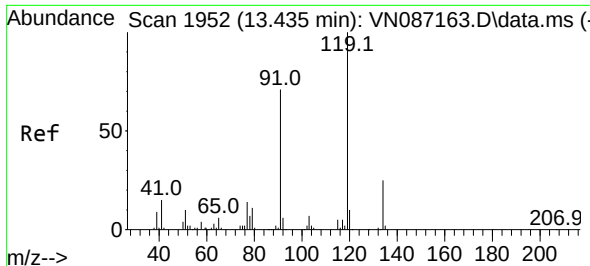
Tgt Ion: 75 Resp: 26867
Ion Ratio Lower Upper
75 100
53 85.8 45.9 137.6
89 47.8 22.3 66.9



#78
4-Chlorotoluene
Concen: 19.172 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion: 91 Resp: 168398
Ion Ratio Lower Upper
91 100
126 36.0 0.0 65.2

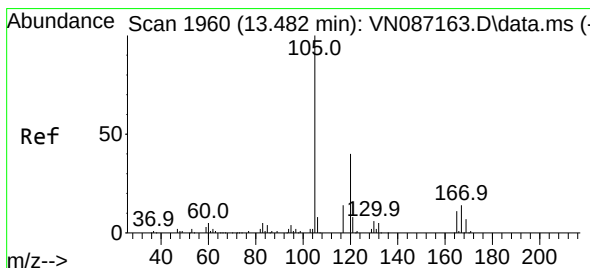
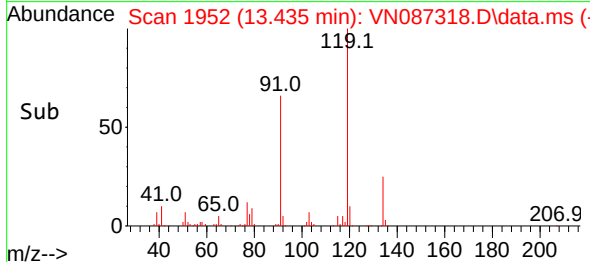
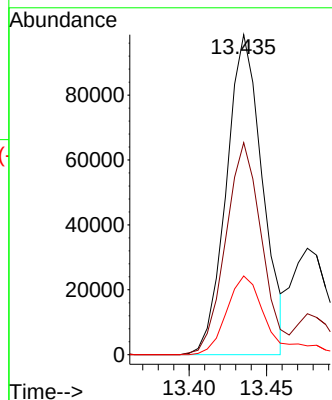
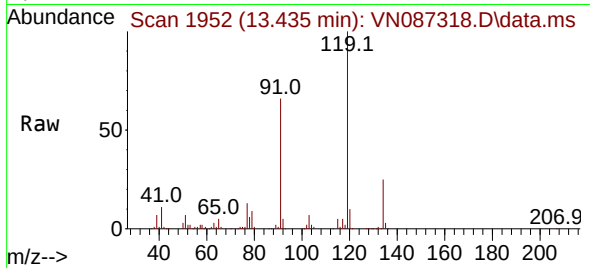




#79
tert-butylbenzene
Concen: 20.090 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

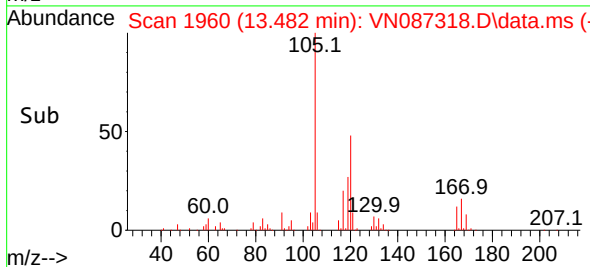
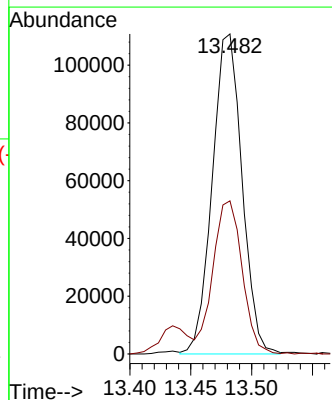
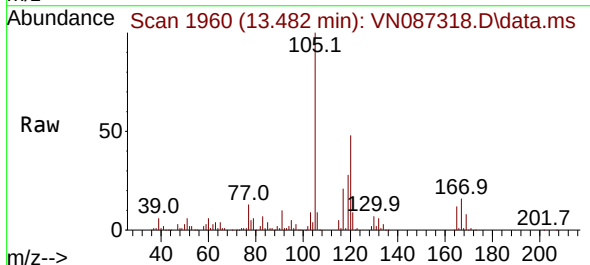
Instrument :
MSVOA_N
ClientSampleId :

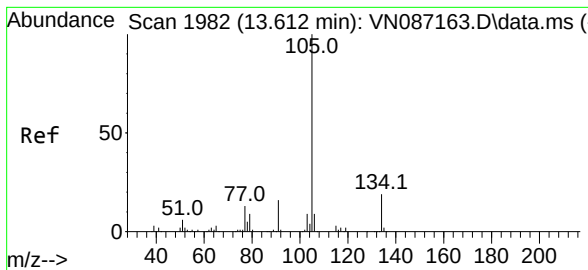
Tgt Ion:119 Resp: 159746
Ion Ratio Lower Upper
119 100
91 66.6 0.0 137.0
134 25.1 0.0 49.4



#80
1,2,4-Trimethylbenzene
Concen: 19.837 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion:105 Resp: 188426
Ion Ratio Lower Upper
105 100
120 46.8 0.0 94.0

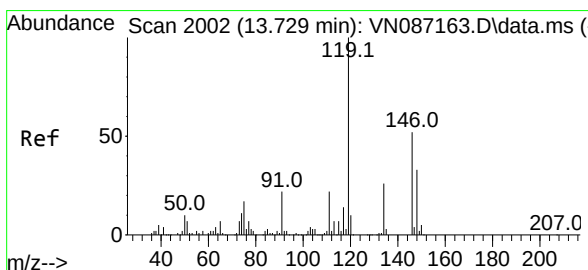
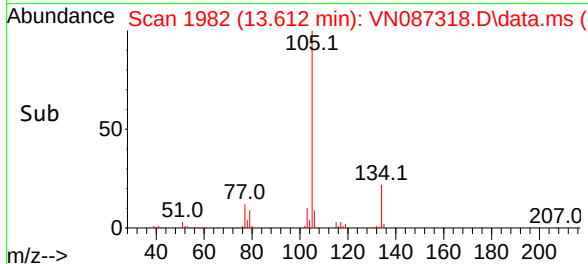
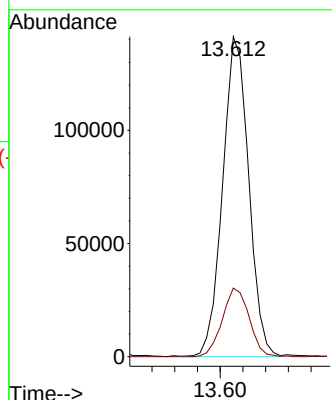
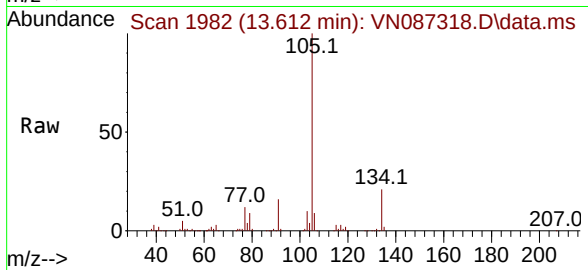




#81
 sec-Butylbenzene
 Concen: 19.479 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN087318.D
 Acq: 10 Jul 2025 11:53

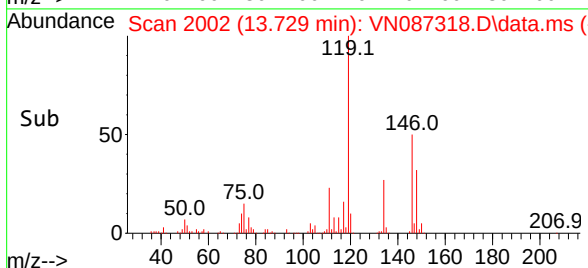
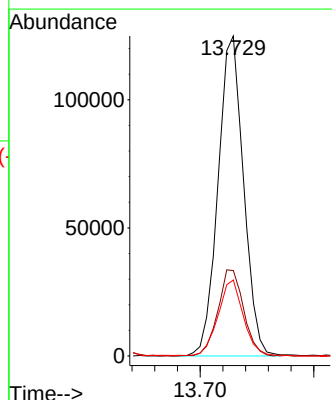
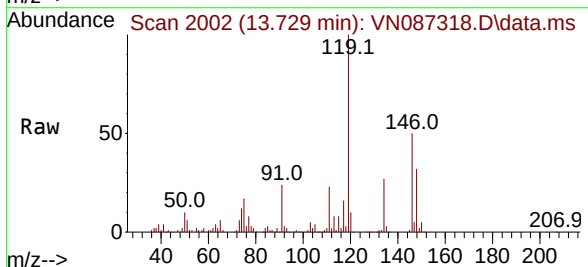
Instrument :
 MSVOA_N
 ClientSampleId :

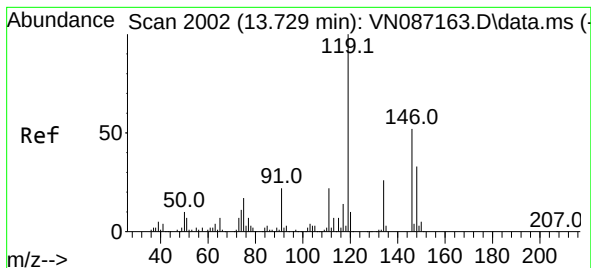
Tgt Ion:105 Resp: 225155
 Ion Ratio Lower Upper
 105 100
 134 22.1 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 20.276 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN087318.D
 Acq: 10 Jul 2025 11:53

Tgt Ion:119 Resp: 195037
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 51.2
 91 23.6 0.0 46.4





#83

1,3-Dichlorobenzene

Concen: 21.208 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

Instrument :

MSVOA_N

ClientSampleId :

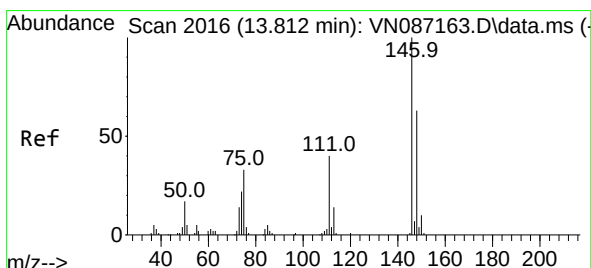
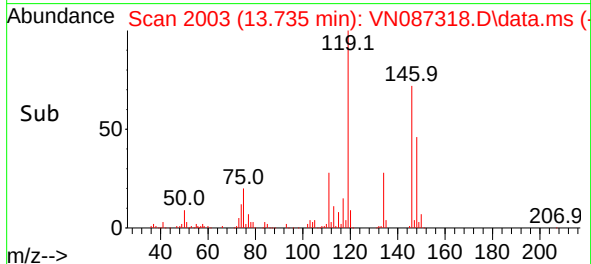
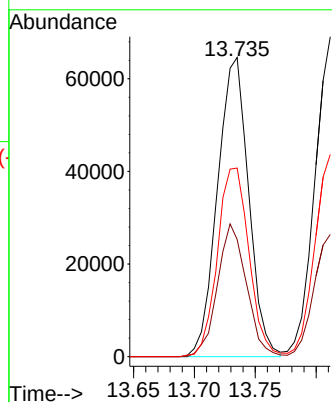
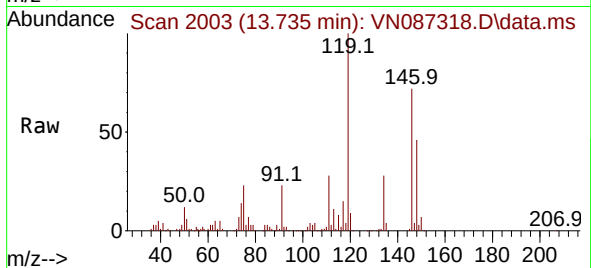
Tgt Ion:146 Resp: 115110

Ion Ratio Lower Upper

146 100

111 41.2 21.1 63.3

148 64.1 31.6 94.8



#84

1,4-Dichlorobenzene

Concen: 21.118 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

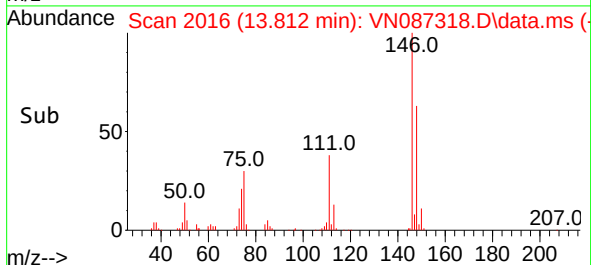
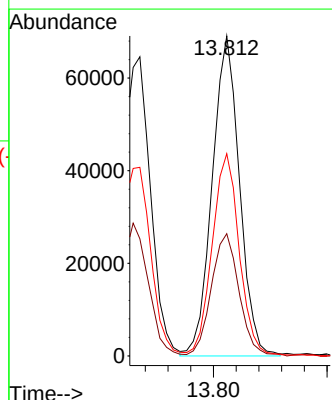
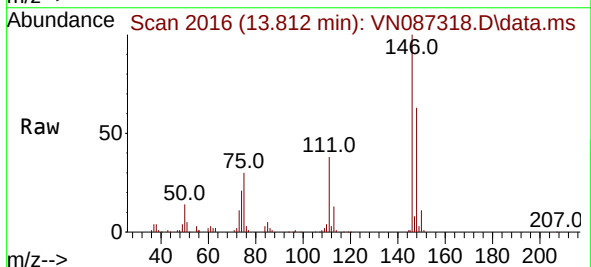
Tgt Ion:146 Resp: 115357

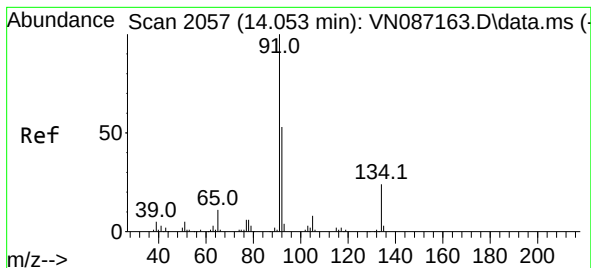
Ion Ratio Lower Upper

146 100

111 38.7 20.1 60.2

148 62.7 31.4 94.2





#85

n-Butylbenzene

Concen: 18.536 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

Instrument :

MSVOA_N

ClientSampleId :

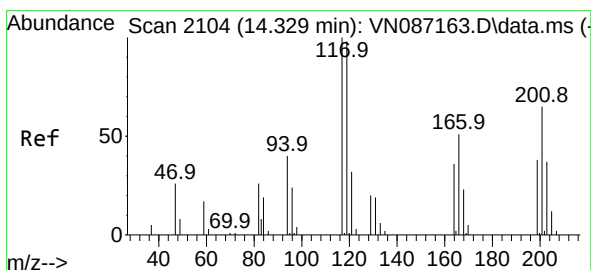
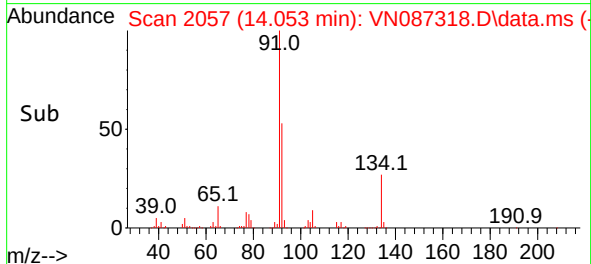
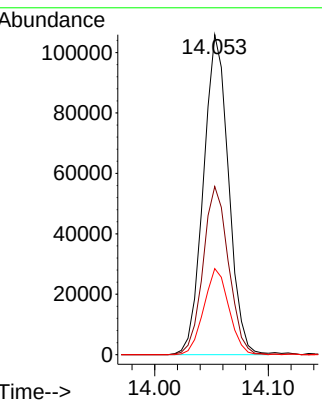
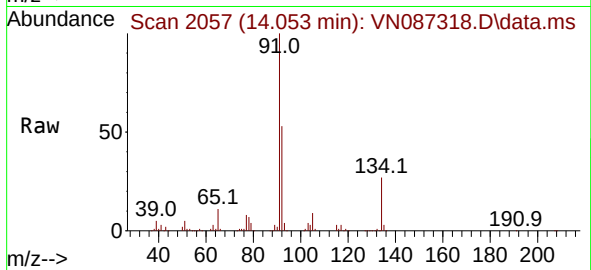
Tgt Ion: 91 Resp: 162676

Ion Ratio Lower Upper

91 100

92 53.4 0.0 106.4

134 26.9 0.0 48.8



#86

Hexachloroethane

Concen: 20.846 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN087318.D

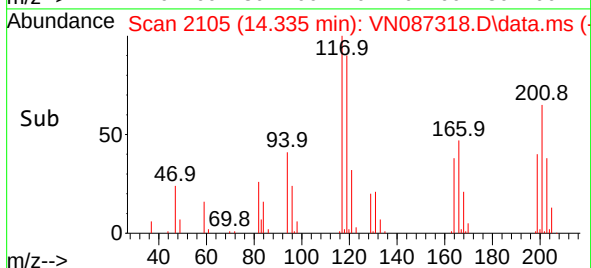
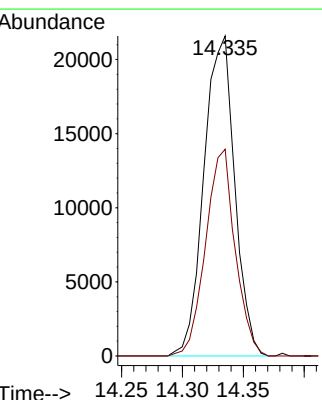
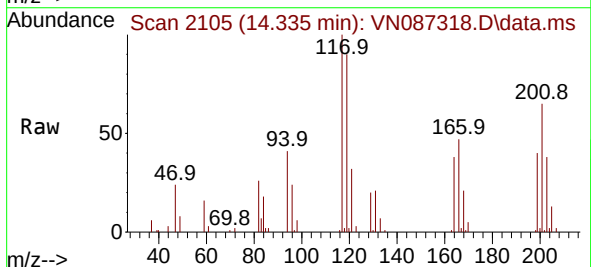
Acq: 10 Jul 2025 11:53

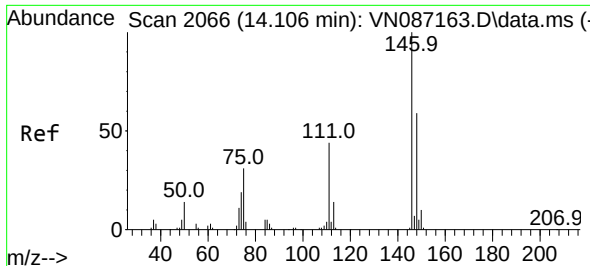
Tgt Ion: 117 Resp: 37956

Ion Ratio Lower Upper

117 100

201 62.1 30.8 92.3

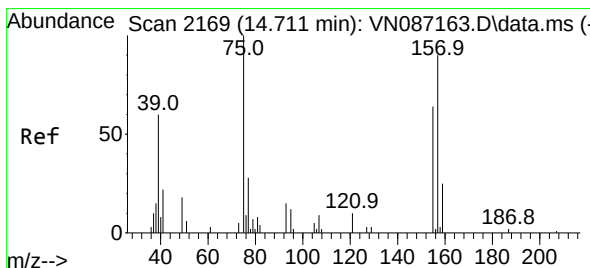
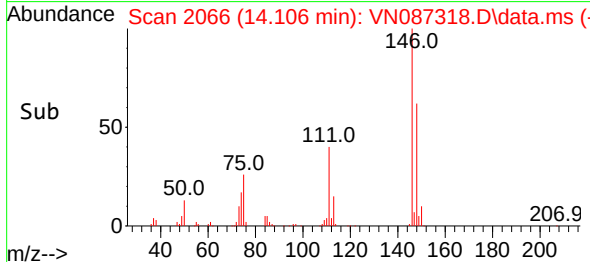
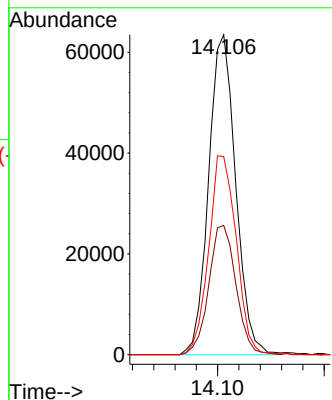
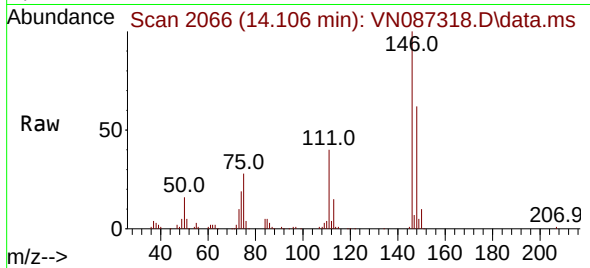




#87
1,2-Dichlorobenzene
Concen: 21.914 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

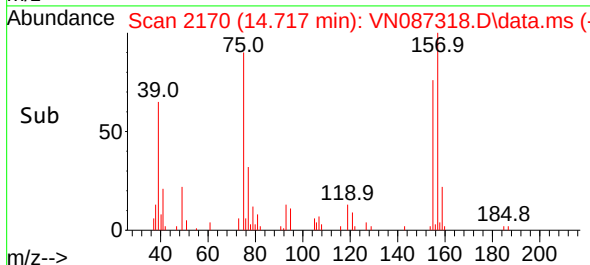
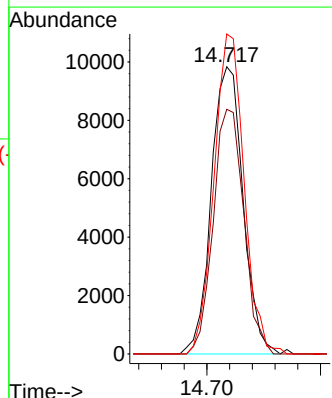
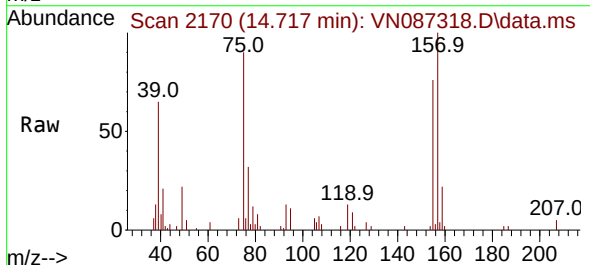
Instrument :
MSVOA_N
ClientSampleId :

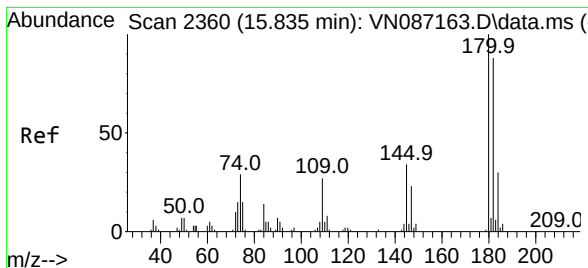
Tgt Ion:146 Resp: 112151
Ion Ratio Lower Upper
146 100
111 40.5 22.1 66.1
148 63.3 31.6 95.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.258 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion: 75 Resp: 19078
Ion Ratio Lower Upper
75 100
155 82.2 58.3 87.5
157 105.0 79.2 118.8





#89

1,2,4-Trichlorobenzene

Concen: 20.292 ug/l

RT: 15.835 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

Instrument :

MSVOA_N

ClientSampleId :

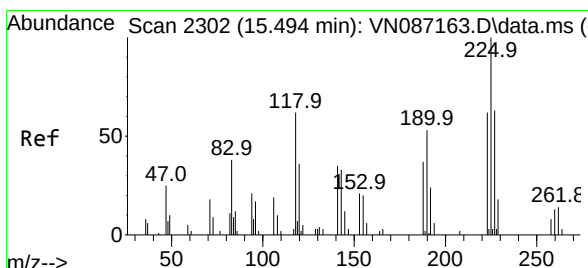
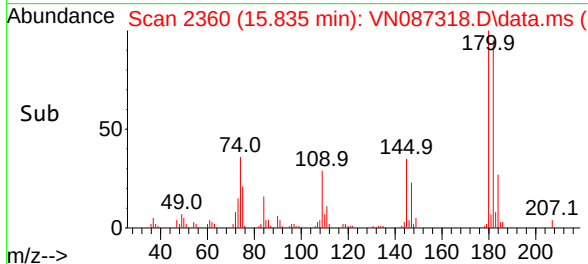
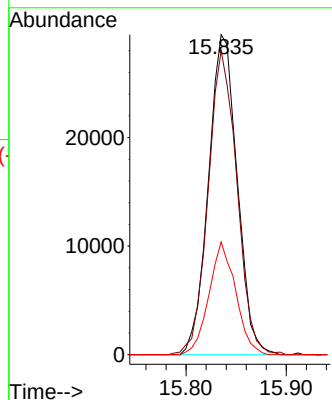
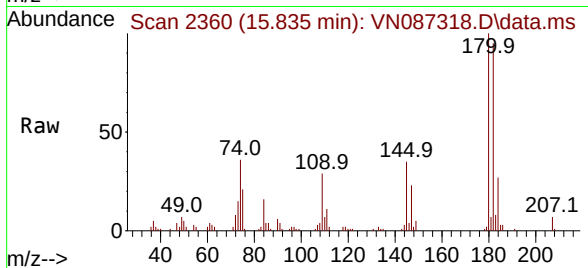
Tgt Ion:180 Resp: 58754

Ion Ratio Lower Upper

180 100

182 94.6 74.2 111.2

145 32.7 27.6 41.4



#90

Hexachlorobutadiene

Concen: 19.311 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

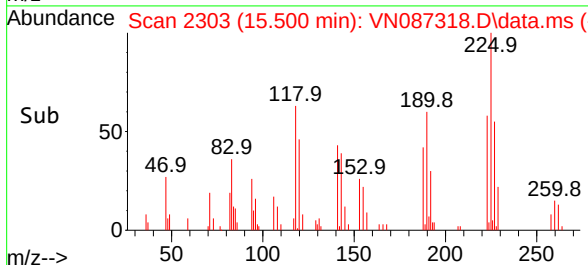
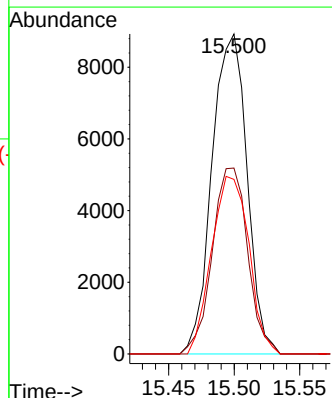
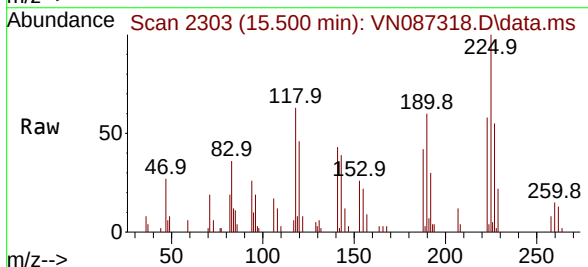
Tgt Ion:225 Resp: 16592

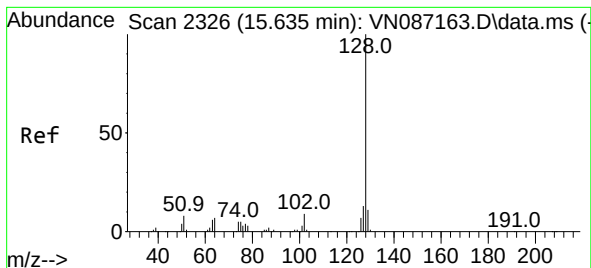
Ion Ratio Lower Upper

225 100

223 58.7 0.0 134.2

227 59.1 0.0 122.6





#91

Naphthalene

Concen: 19.047 ug/l

RT: 15.635 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087318.D

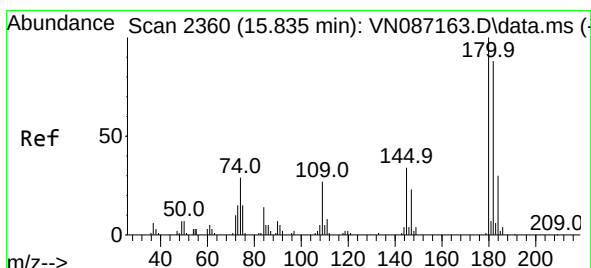
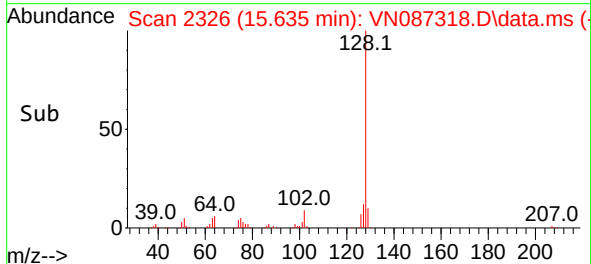
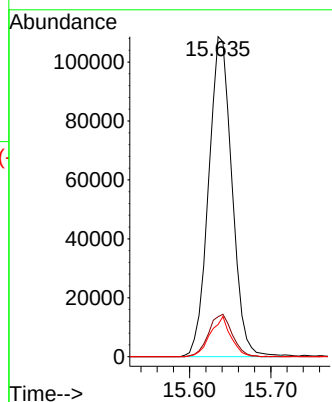
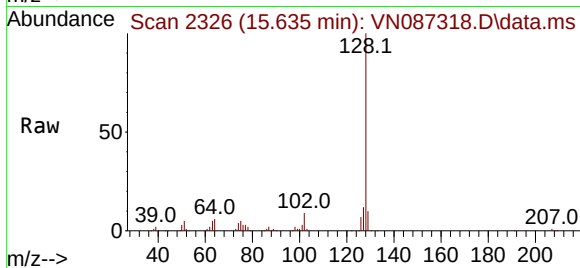
Acq: 10 Jul 2025 11:53

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	128	Resp:	217054
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	11.0	8.8	13.2



#92

1,2,3-Trichlorobenzene

Concen: 20.292 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

Tgt Ion:	180	Resp:	58754
Ion	Ratio	Lower	Upper
180	100		
182	94.6	0.0	185.4
145	32.7	0.0	69.0

