

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
 Data File : VN086814.D
 Acq On : 29 May 2025 14:28
 Operator : JC\MD
 Sample : VN0529WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529WBSD01

Quant Time: May 30 02:42:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 30 02:22:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	39012	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	225024	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	196952	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80777	30.136	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.467%	
60) 4-Bromofluorobenzene	12.847	95	91528	29.600	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.667%	
63) Toluene-d8	10.565	98	273266	30.229	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.767%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	51898	19.587	ug/l	98
3) Chloromethane	2.359	50	64729	18.947	ug/l	96
4) Vinyl Chloride	2.512	62	59186	18.826	ug/l	98
5) Bromomethane	2.959	94	31670	19.012	ug/l	92
6) Chloroethane	3.124	64	37151	19.320	ug/l	94
7) Trichlorofluoromethane	3.501	101	70726	19.208	ug/l	97
8) Diethyl Ether	3.959	74	29457	19.178	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	44221	19.596	ug/l	97
10) 1,1-Dichloroethene	4.342	96	44803	19.474	ug/l	97
11) Methyl Iodide	4.583	142	52233	19.259	ug/l	97
12) Methyl Acetate	5.024	43	47177	18.464	ug/l	97
13) Acrolein	4.177	56	23553	89.233	ug/l	99
14) Acrylonitrile	5.718	53	112813	94.881	ug/l	98
15) Acetone	4.424	58	29267	97.218	ug/l	85
16) Carbon Disulfide	4.712	76	128495	19.133	ug/l	100
17) Allyl chloride	5.018	41	67113	19.636	ug/l	99
18) Methylene Chloride	5.271	84	51101	19.126	ug/l	98
19) trans-1,2-Dichloroethene	5.783	96	47264	19.631	ug/l	93
20) Diisopropyl ether	6.671	45	150046	19.933	ug/l	95
21) 1,1-Dichloroethane	6.559	63	86617	19.067	ug/l	99
22) cis-1,2-Dichloroethene	7.483	96	57534	19.733	ug/l	98
23) tert-Butyl Alcohol	5.512	59	37407	97.970	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	147763	19.488	ug/l	99
25) Chloroform	7.965	83	85552	19.241	ug/l	95
26) Cyclohexane	8.253	56	75568	19.220	ug/l #	98
29) 1,1-Dichloropropene	8.365	75	63523	19.200	ug/l	99
30) 2-Butanone	7.477	43	136606	94.235	ug/l	98
31) 2,2-Dichloropropane	7.489	77	74990	19.202	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	73036	19.043	ug/l	99
33) Carbon Tetrachloride	8.359	117	62464	19.053	ug/l	93
34) Benzene	8.606	78	205447	19.085	ug/l	98
35) Methacrylonitrile	7.777	41	31053	18.648	ug/l	93
36) 1,2-Dichloroethane	8.665	62	60249	19.099	ug/l	98
37) Trichloroethene	9.347	130	54063	18.106	ug/l	98
38) Methylcyclohexane	9.594	83	68555	18.675	ug/l	99
39) 1,2-Dichloropropane	9.618	63	48355	18.658	ug/l	95
40) Dibromomethane	9.706	93	32392	19.110	ug/l	100
41) Bromodichloromethane	9.883	83	66521	18.748	ug/l	98
42) Vinyl Acetate	6.600	43	436800	103.372	ug/l	100

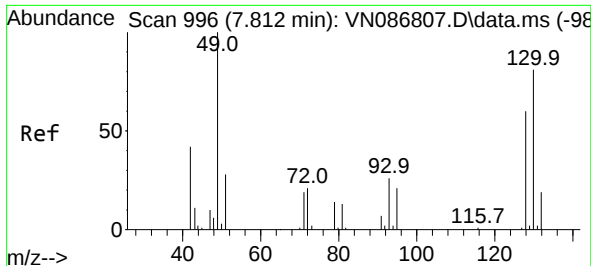
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	52024	17.538	ug/l	94
44) Isopropyl Acetate	8.683	43	98414	19.341	ug/l	99
45) 1,4-Dioxane	9.694	88	17310	382.736	ug/l	91
46) Methyl methacrylate	9.677	41	44785	19.088	ug/l	97
47) n-amyl Acetate	12.488	43	78982	19.334	ug/l	100
48) t-1,3-Dichloropropene	10.830	75	71749	18.896	ug/l	99
49) cis-1,3-Dichloropropene	10.306	75	78068	18.693	ug/l	97
50) 1,1,2-Trichloroethane	11.012	97	46316	19.400	ug/l	95
51) Ethyl methacrylate	10.871	69	72415	18.729	ug/l	96
52) 1,3-Dichloropropane	11.159	76	79148	18.681	ug/l	100
53) Dibromochloromethane	11.359	129	50872	18.857	ug/l	98
54) 1,2-Dibromoethane	11.465	107	46129	18.903	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	178225	96.029	ug/l	99
56) Bromoform	12.576	173	31357	18.447	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	281330	97.348	ug/l	99
59) 2-Hexanone	11.194	43	202068	97.614	ug/l	99
61) Tetrachloroethene	11.100	164	62684	18.934	ug/l	90
62) Toluene	10.624	91	217929	19.647	ug/l	100
64) Chlorobenzene	11.888	112	136770	19.334	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	44618	19.199	ug/l	100
66) Ethyl Benzene	11.959	91	228625	19.056	ug/l	98
67) m/p-Xylenes	12.065	106	180321	38.300	ug/l	100
68) o-Xylene	12.394	106	88744	19.450	ug/l	98
69) Styrene	12.406	104	145920	19.195	ug/l	99
70) Isopropylbenzene	12.694	105	209036	19.262	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	51741	20.053	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	80775	26.711	ug/l	64
73) Bromobenzene	12.976	156	51615	19.135	ug/l	100
74) n-propylbenzene	13.029	91	245885	19.128	ug/l	99
75) 2-Chlorotoluene	13.118	91	157706	19.114	ug/l	98
76) 1,3,5-Trimethylbenzene	13.171	105	173580	19.227	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	22275	18.000	ug/l	94
78) 4-Chlorotoluene	13.218	91	157358	19.253	ug/l	99
79) tert-butylbenzene	13.435	119	148460	19.020	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	172825	19.071	ug/l	98
81) sec-Butylbenzene	13.612	105	201321	18.932	ug/l	100
82) p-Isopropyltoluene	13.723	119	169153	18.944	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	93914	18.979	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	93020	18.889	ug/l	99
85) n-Butylbenzene	14.053	91	138092	18.473	ug/l	100
86) Hexachloroethane	14.329	117	27829	18.287	ug/l	100
87) 1,2-Dichlorobenzene	14.100	146	92020	19.277	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10606	19.520	ug/l	96
89) 1,2,4-Trichlorobenzene	15.835	180	38131	19.087	ug/l	97
90) Hexachlorobutadiene	15.494	225	16623	19.414	ug/l	99
91) Naphthalene	15.635	128	128849	18.486	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	38131	19.087	ug/l	97

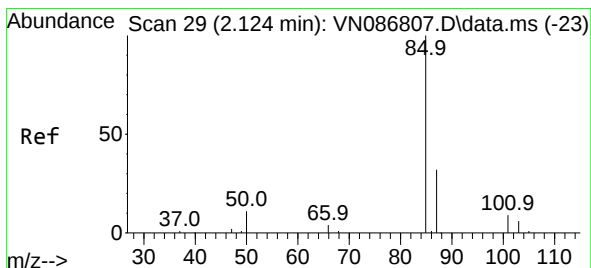
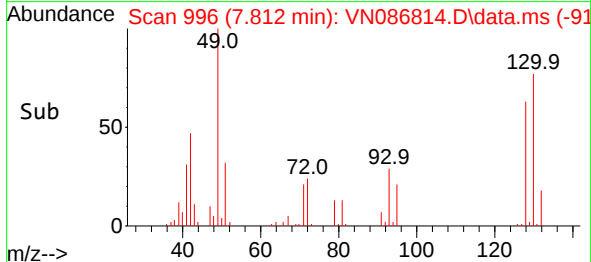
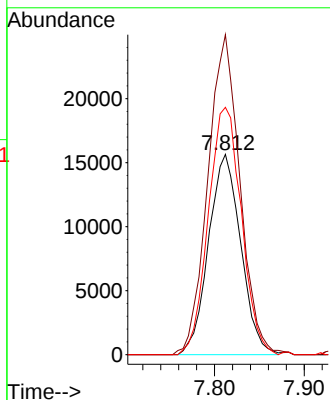
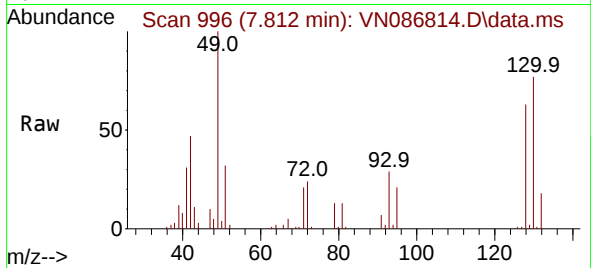
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

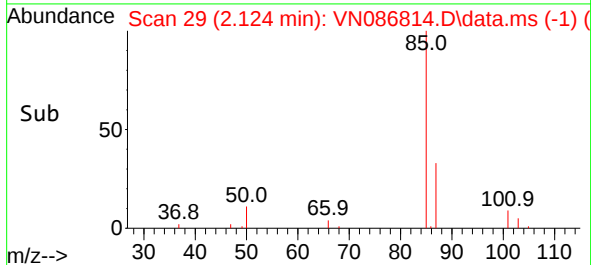
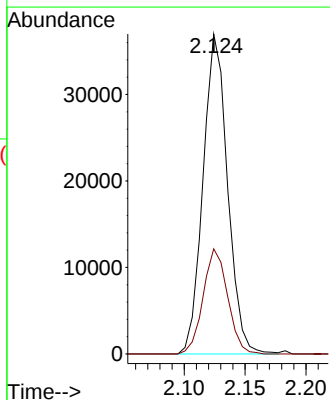
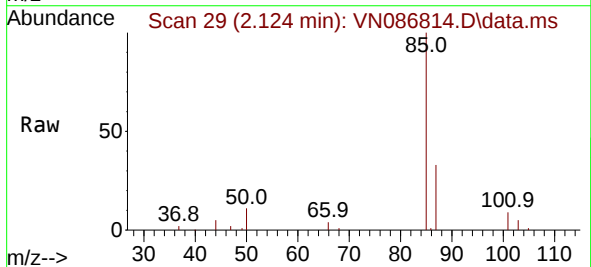
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MSVOA_N
ClientSampleId :
VN0529WBSD01

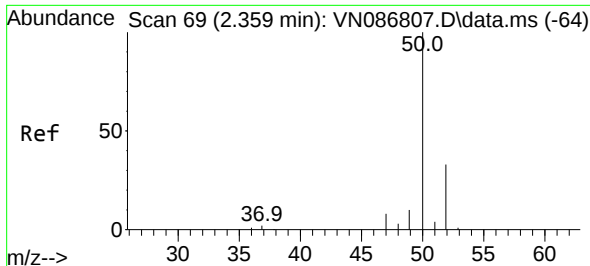
Tgt Ion:128 Resp: 39012
Ion Ratio Lower Upper
128 100
49 159.0 0.0 404.5
130 126.9 0.0 322.2



#2
Dichlorodifluoromethane
Concen: 19.587 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion: 85 Resp: 51898
Ion Ratio Lower Upper
85 100
87 32.9 15.9 47.7

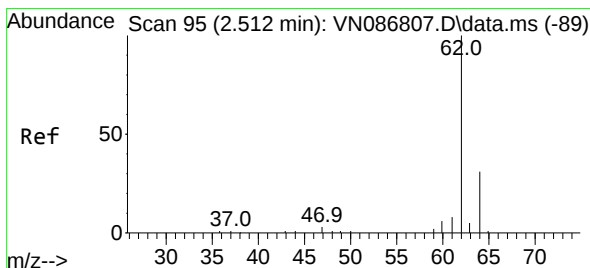
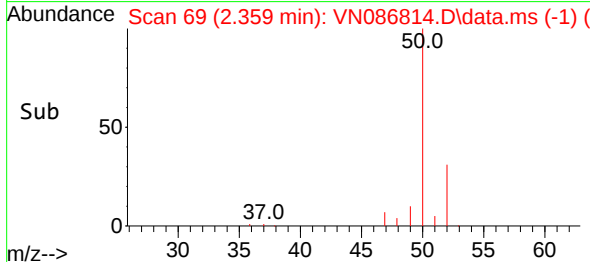
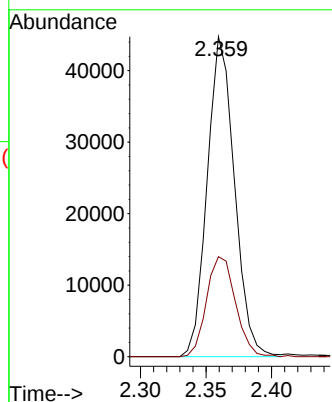
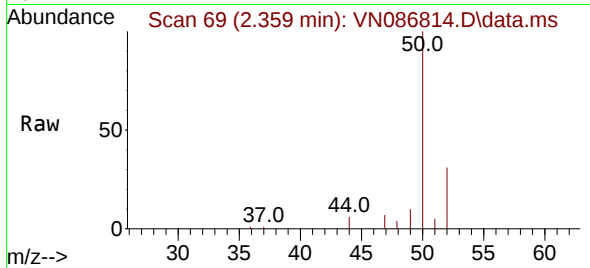




#3
Chloromethane
Concen: 18.947 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

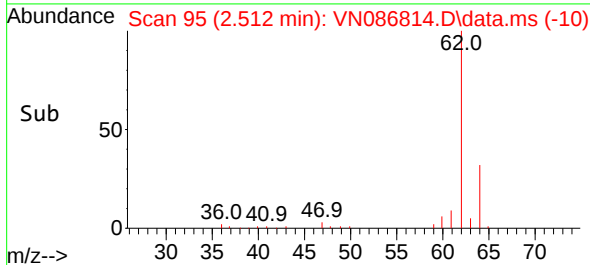
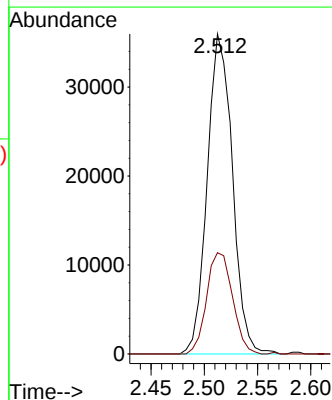
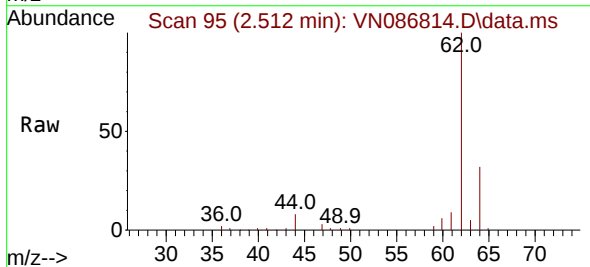
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MSVOA_N
ClientSampleId :
VN0529WBSD01

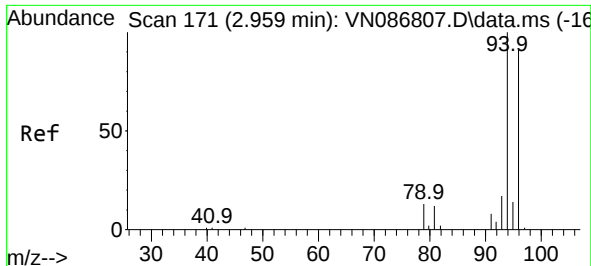
Tgt Ion: 50 Resp: 64729
Ion Ratio Lower Upper
50 100
52 31.3 26.6 40.0



#4
Vinyl Chloride
Concen: 18.826 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion: 62 Resp: 59186
Ion Ratio Lower Upper
62 100
64 31.7 24.6 36.8

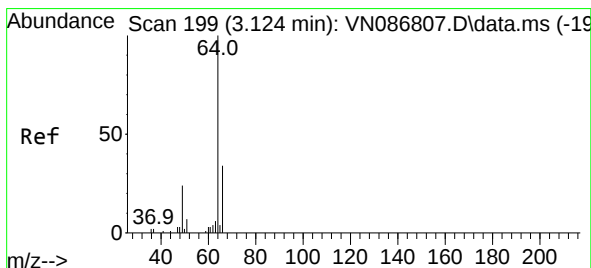
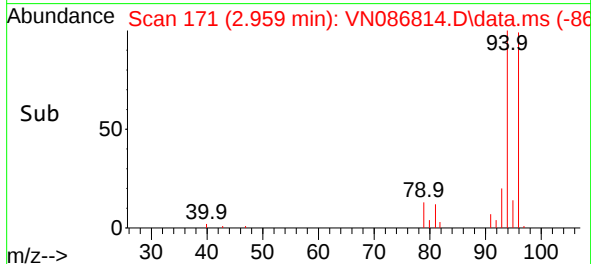
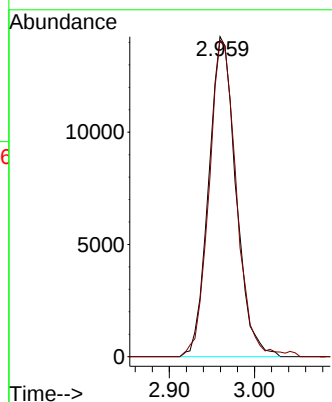
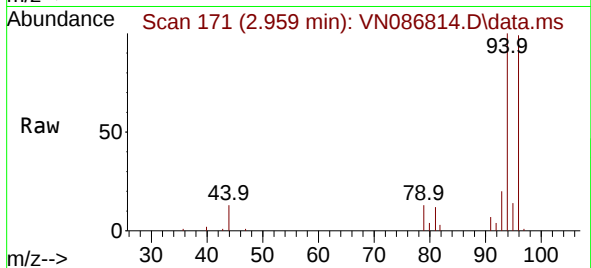




#5
Bromomethane
Concen: 19.012 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

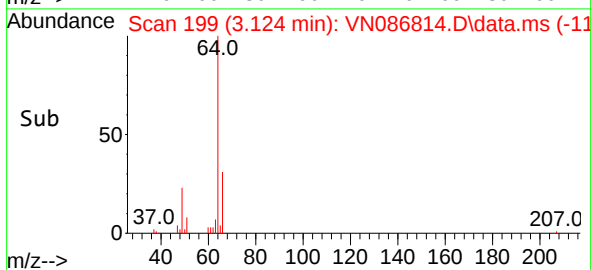
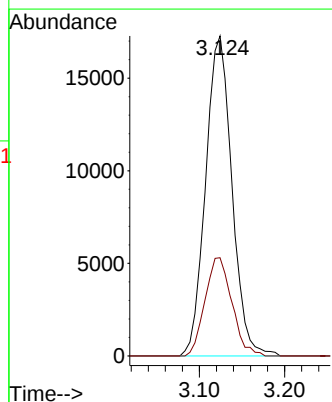
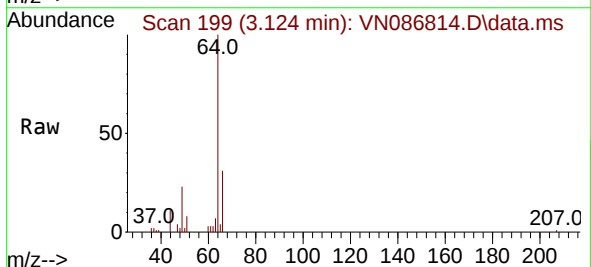
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ClientSampleId :
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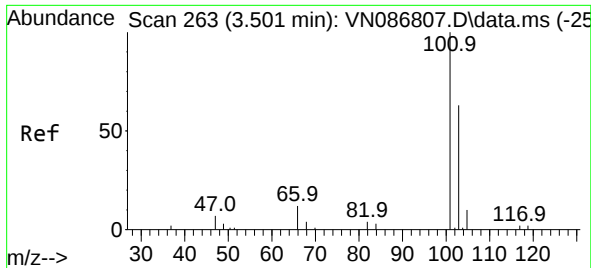
Tgt Ion: 94 Resp: 31670
Ion Ratio Lower Upper
94 100
96 98.9 72.7 109.1



#6
Chloroethane
Concen: 19.320 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion: 64 Resp: 37151
Ion Ratio Lower Upper
64 100
66 30.7 27.5 41.3

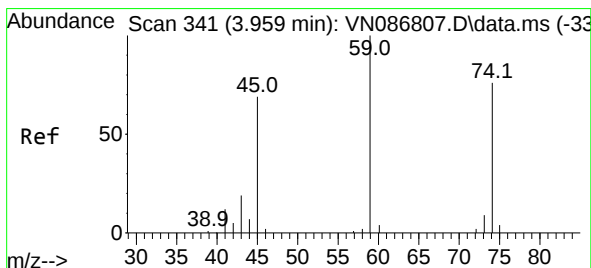
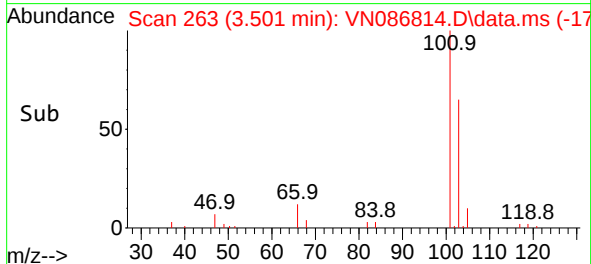
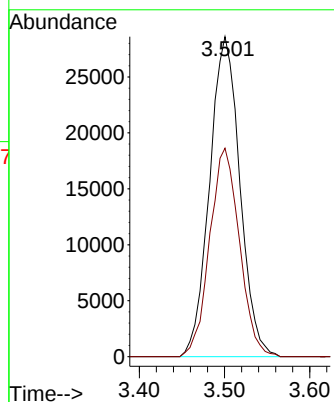
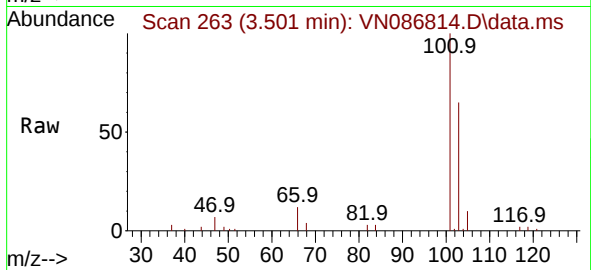




#7
 Trichlorofluoromethane
 Concen: 19.208 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086814.D
 Acq: 29 May 2025 14:28

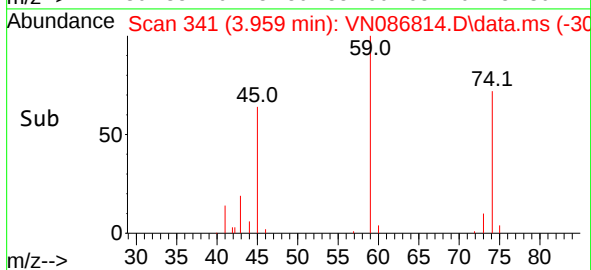
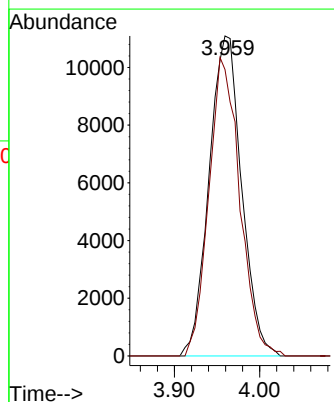
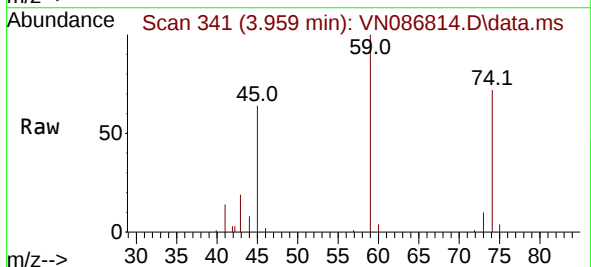
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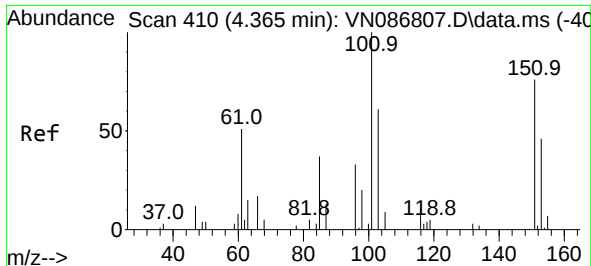
Tgt Ion:101 Resp: 70726
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.0 75.0



#8
 Diethyl Ether
 Concen: 19.178 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086814.D
 Acq: 29 May 2025 14:28

Tgt Ion: 74 Resp: 29457
 Ion Ratio Lower Upper
 74 100
 45 88.4 17.9 161.5

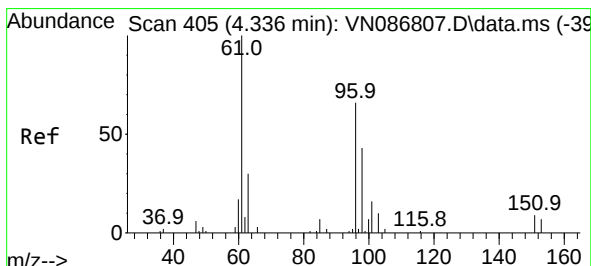
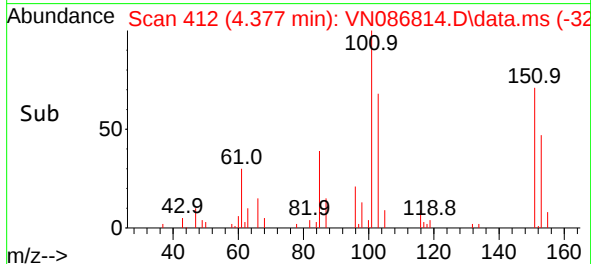
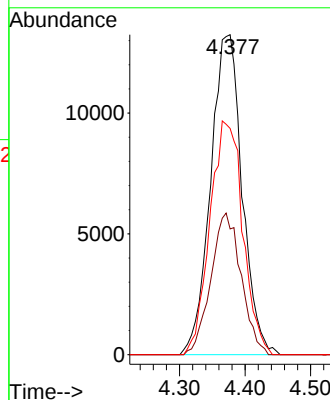
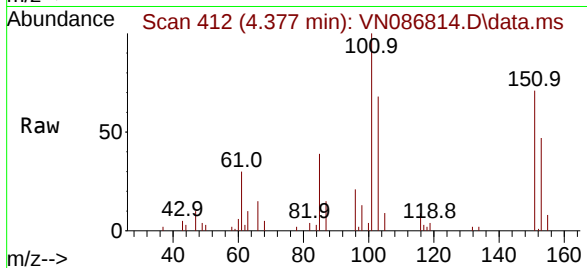




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.596 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

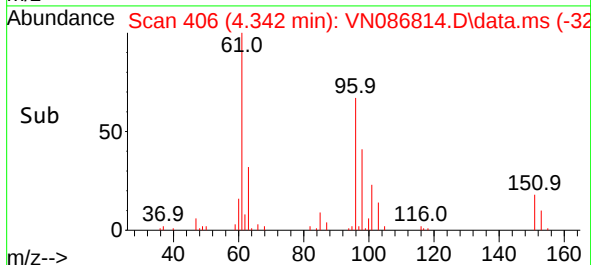
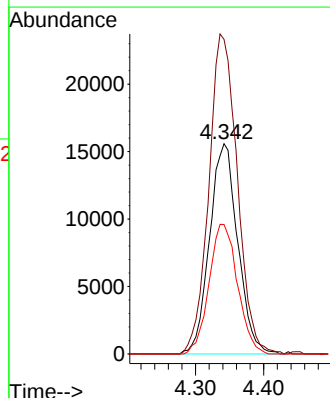
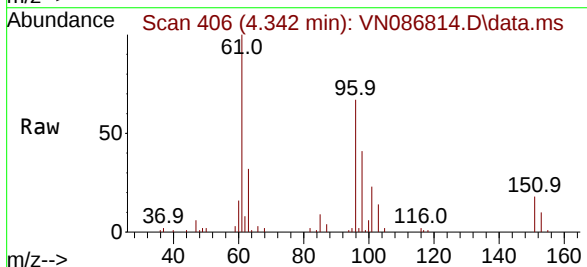
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

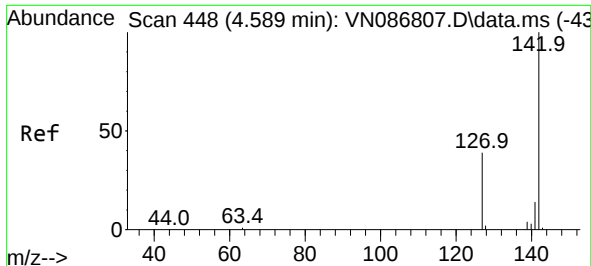
Tgt Ion:101 Resp: 44221
Ion Ratio Lower Upper
101 100
85 42.5 0.0 83.2
151 76.1 0.0 145.6



#10
1,1-Dichloroethene
Concen: 19.474 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion: 96 Resp: 44803
Ion Ratio Lower Upper
96 100
61 149.6 121.7 182.5
98 61.6 51.9 77.9

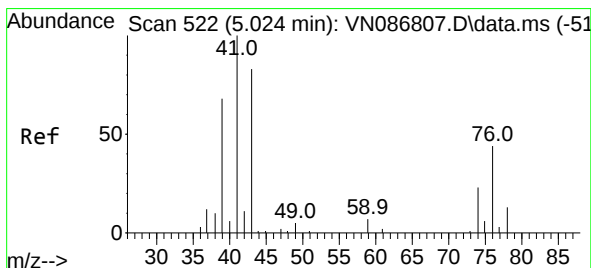
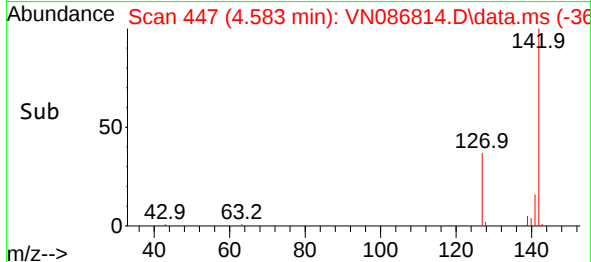
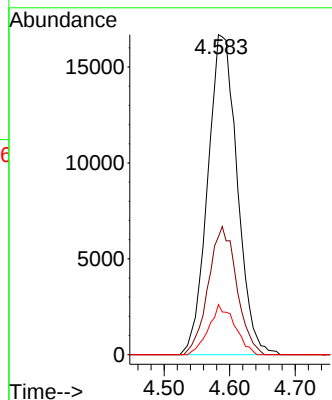
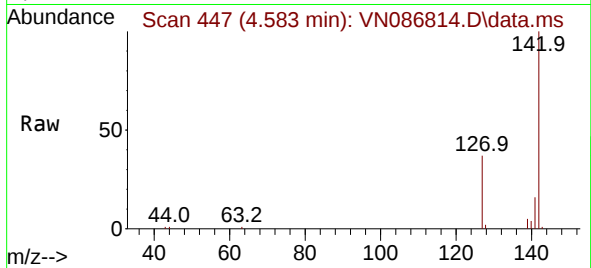




#11
Methyl Iodide
Concen: 19.259 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

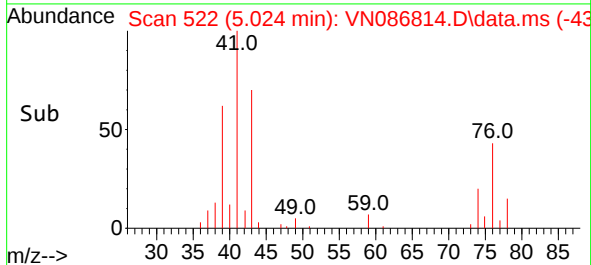
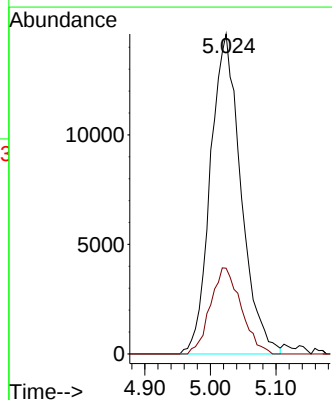
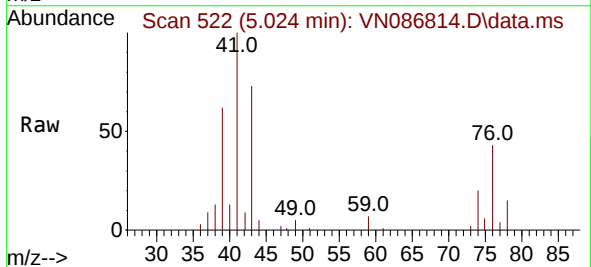
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

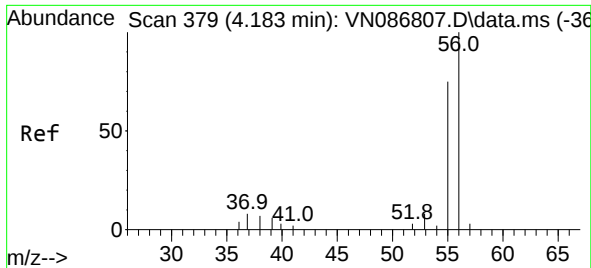
Tgt Ion:142 Resp: 52233
Ion Ratio Lower Upper
142 100
127 36.9 19.5 58.5
141 15.7 7.1 21.4



#12
Methyl Acetate
Concen: 18.464 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion: 43 Resp: 47177
Ion Ratio Lower Upper
43 100
74 27.1 22.7 34.1

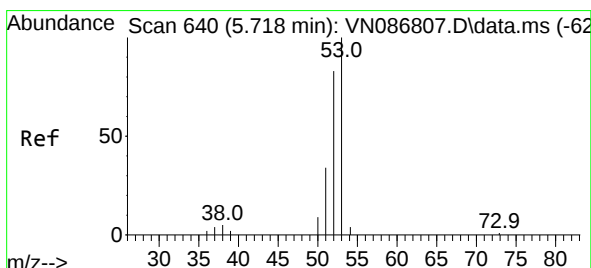
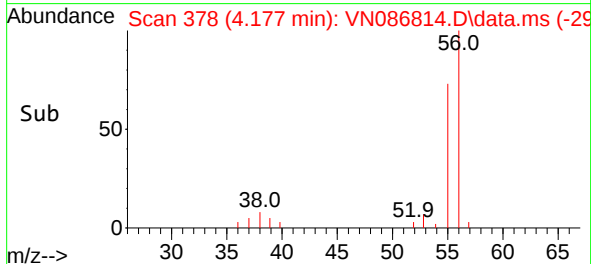
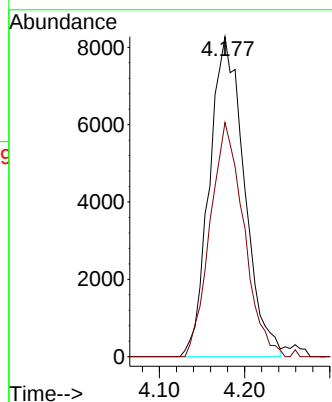
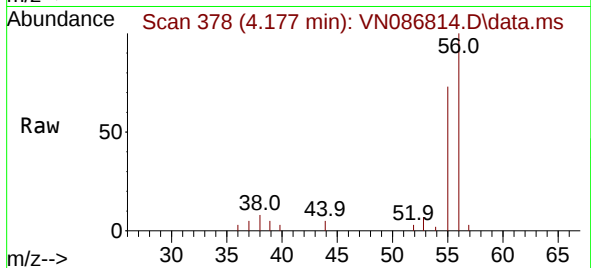




#13
Acrolein
Concen: 89.233 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

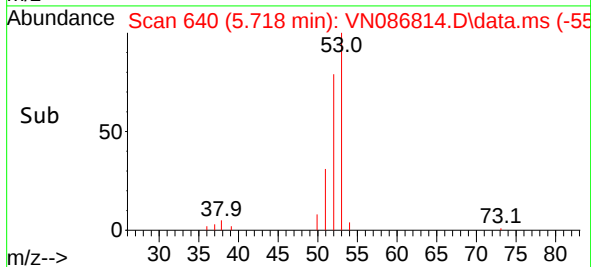
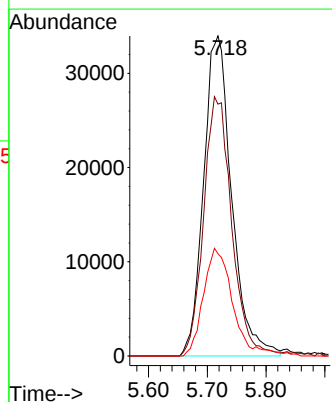
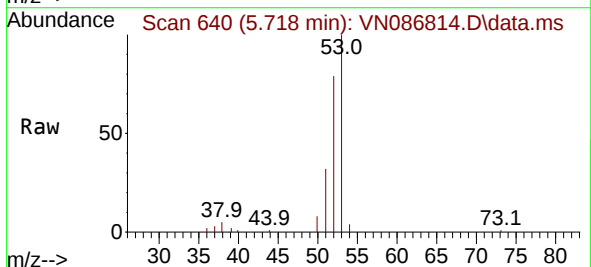
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

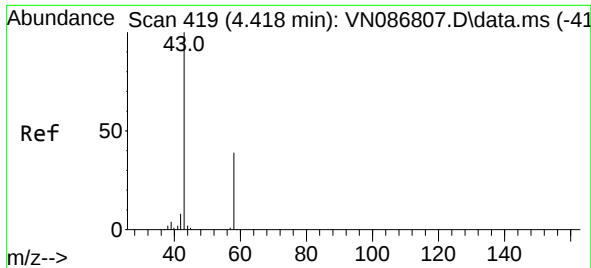
Tgt Ion: 56 Resp: 23553
Ion Ratio Lower Upper
56 100
55 70.6 55.9 83.9



#14
Acrylonitrile
Concen: 94.881 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion: 53 Resp: 112813
Ion Ratio Lower Upper
53 100
52 80.9 40.0 119.9
51 33.3 17.5 52.6





#15

Acetone

Concen: 97.218 ug/l

RT: 4.424 min Scan# 419

Delta R.T. 0.006 min

Lab File: VN086814.D

Acq: 29 May 2025 14:28

Instrument :

MSVOA_N

ClientSampleId :

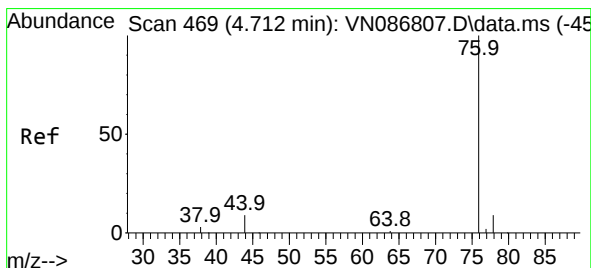
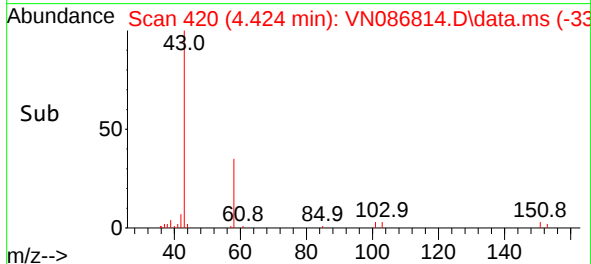
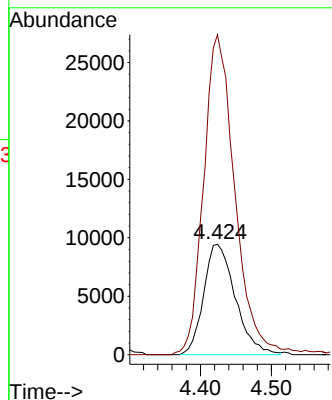
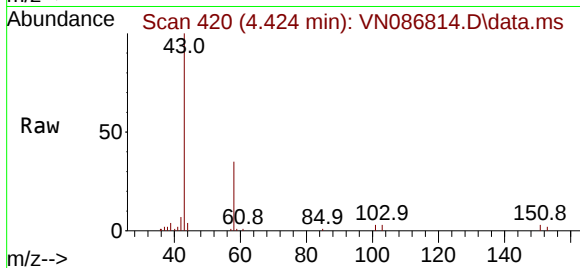
VN0529WBSD01

Tgt Ion: 58 Resp: 29267

Ion Ratio Lower Upper

58 100

43 286.5 207.7 311.5



#16

Carbon Disulfide

Concen: 19.133 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN086814.D

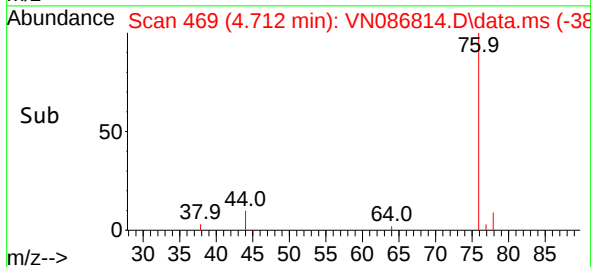
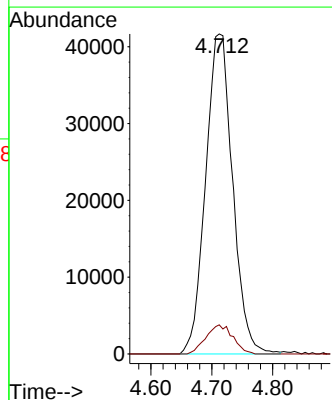
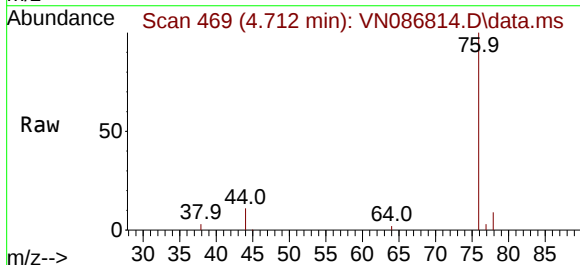
Acq: 29 May 2025 14:28

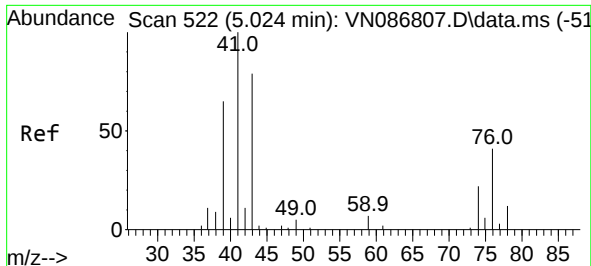
Tgt Ion: 76 Resp: 128495

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

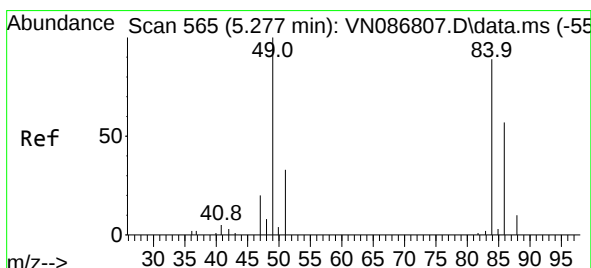
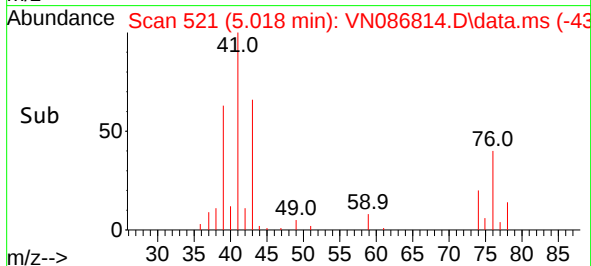
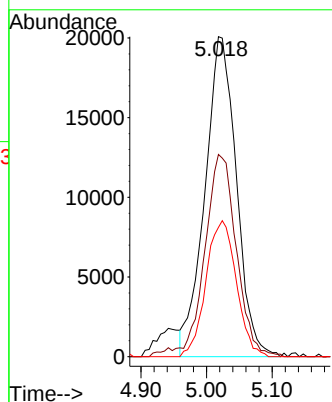
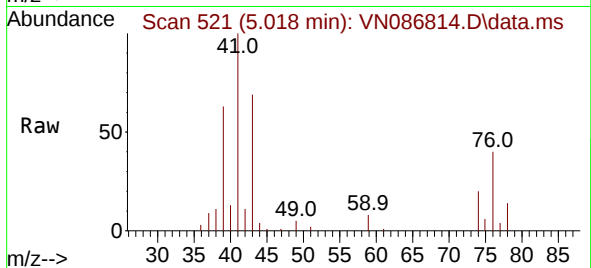




#17
 Allyl chloride
 Concen: 19.636 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN086814.D
 Acq: 29 May 2025 14:28

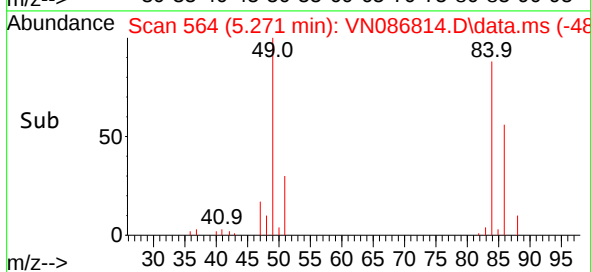
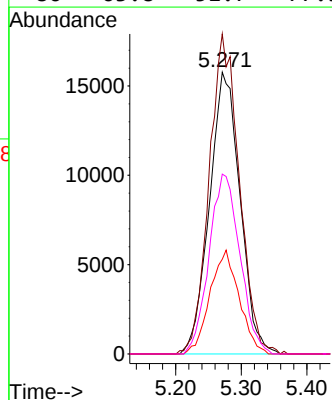
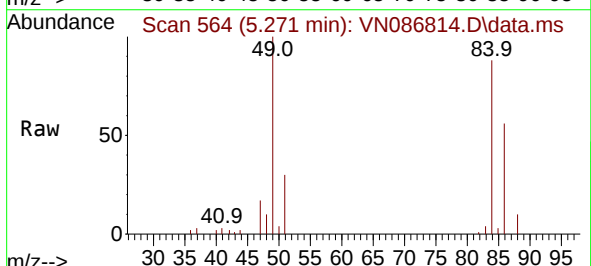
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529WBSD01

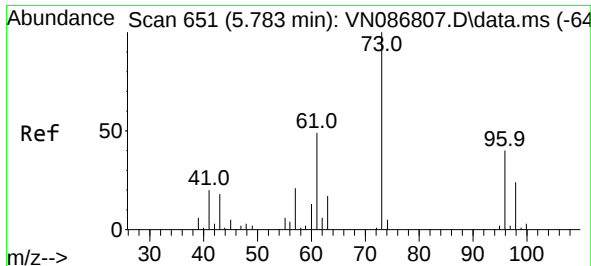
Tgt Ion:	41	Resp:	67113
Ion	Ratio	Lower	Upper
41	100		
39	62.4	31.6	94.8
76	40.4	20.1	60.2



#18
 Methylene Chloride
 Concen: 19.126 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN086814.D
 Acq: 29 May 2025 14:28

Tgt Ion:	84	Resp:	51101
Ion	Ratio	Lower	Upper
84	100		
49	113.5	89.9	134.9
51	33.6	29.6	44.4
86	63.8	51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 19.631 ug/l

RT: 5.783 min Scan# 651

Delta R.T. 0.000 min

Lab File: VN086814.D

Acq: 29 May 2025 14:28

Instrument :

MSVOA_N

ClientSampleId :

VN0529WBSD01

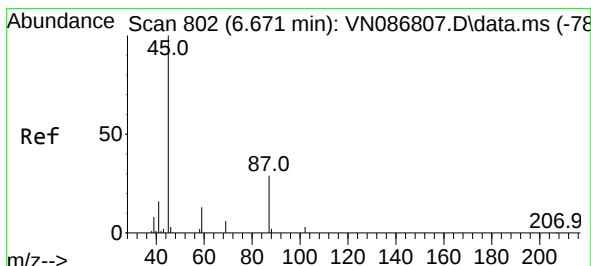
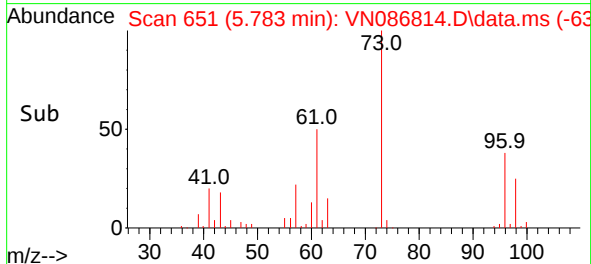
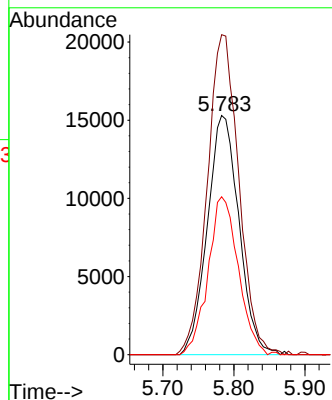
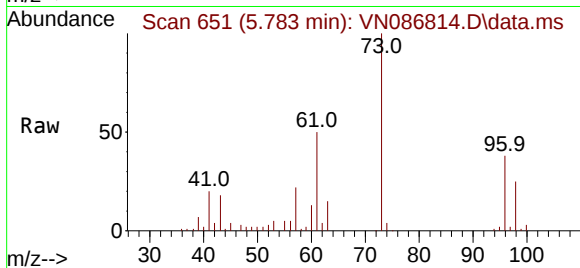
Tgt Ion: 96 Resp: 47264

Ion Ratio Lower Upper

96 100

61 132.4 98.9 148.3

98 66.0 49.0 73.4



#20

Diisopropyl ether

Concen: 19.933 ug/l

RT: 6.671 min Scan# 802

Delta R.T. 0.000 min

Lab File: VN086814.D

Acq: 29 May 2025 14:28

Tgt Ion: 45 Resp: 150046

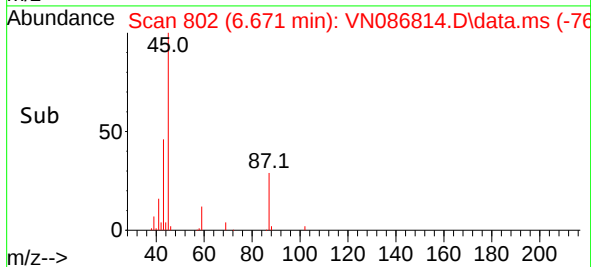
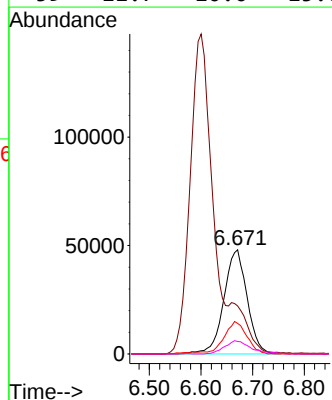
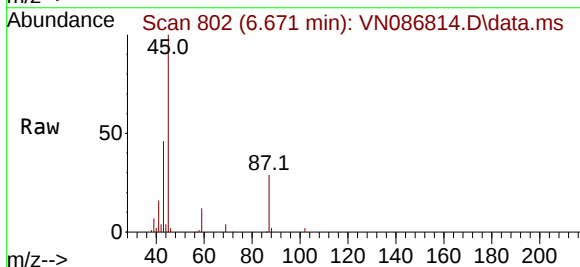
Ion Ratio Lower Upper

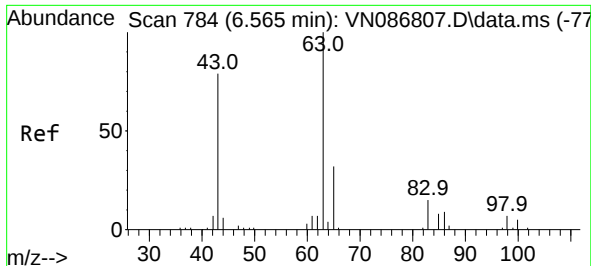
45 100

43 45.0 40.3 60.5

87 29.4 24.1 36.1

59 11.7 10.0 15.0

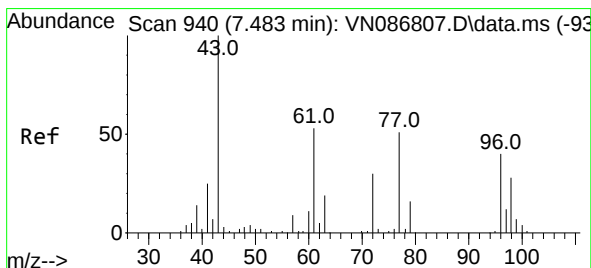
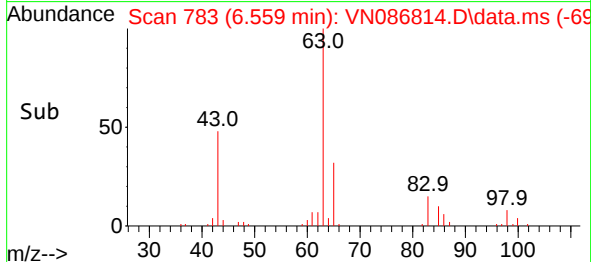
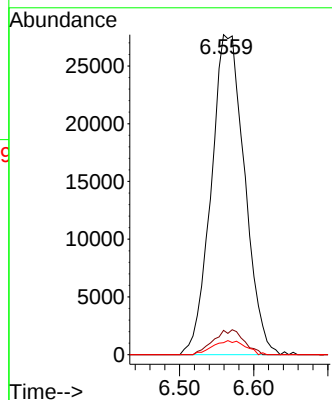
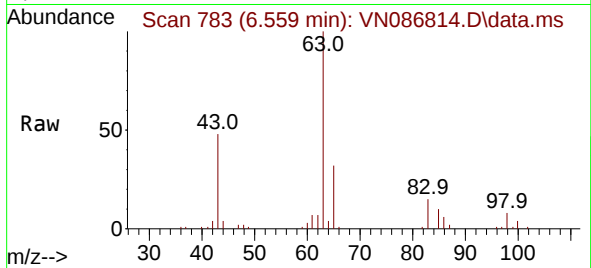




#21
1,1-Dichloroethane
Concen: 19.067 ug/l
RT: 6.559 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

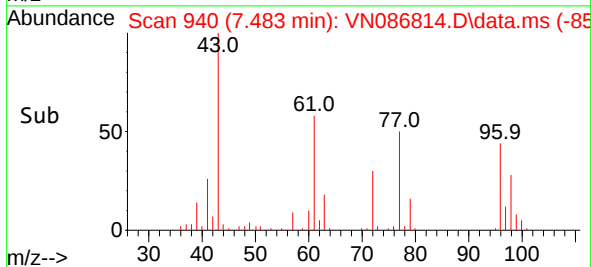
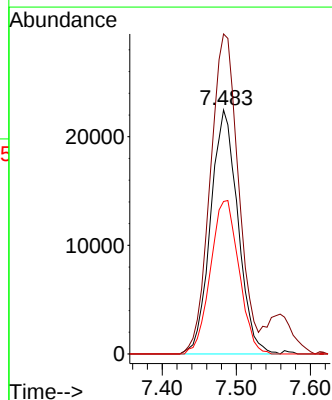
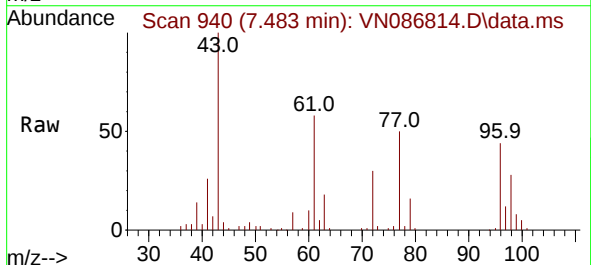
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

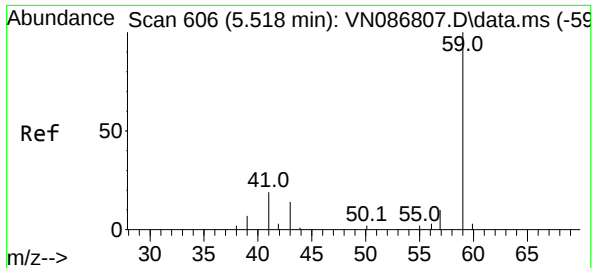
Tgt Ion: 63 Resp: 86617
Ion Ratio Lower Upper
63 100
98 7.6 3.8 11.2
100 3.8 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 19.733 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion: 96 Resp: 57534
Ion Ratio Lower Upper
96 100
61 135.4 110.7 166.1
98 65.6 51.8 77.8

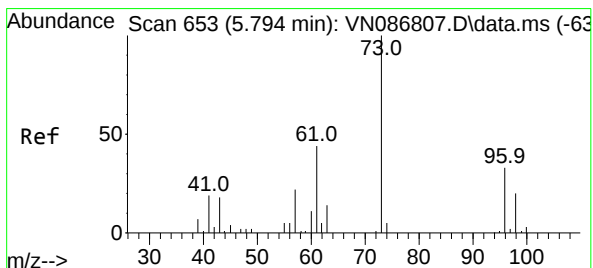
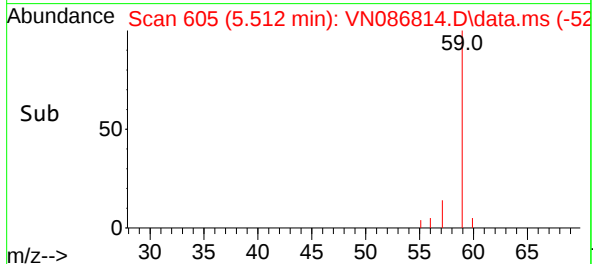
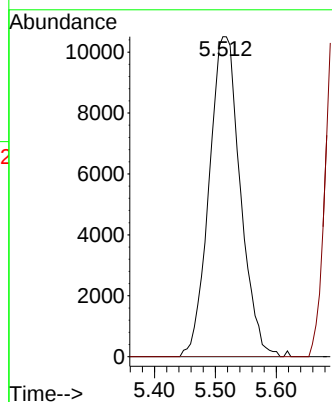
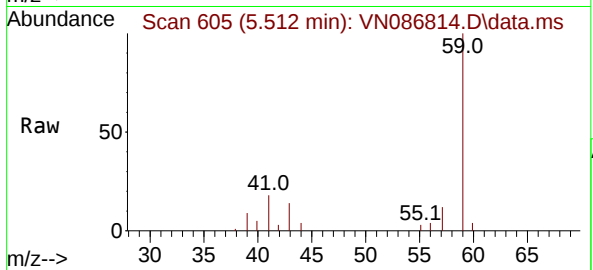




#23
tert-Butyl Alcohol
Concen: 97.970 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

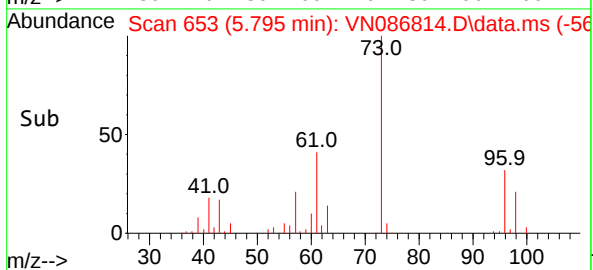
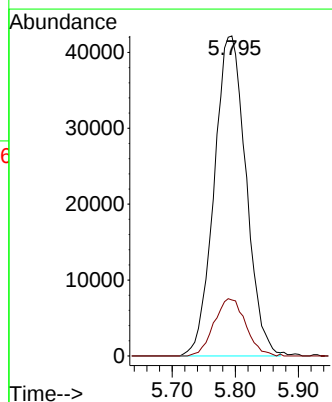
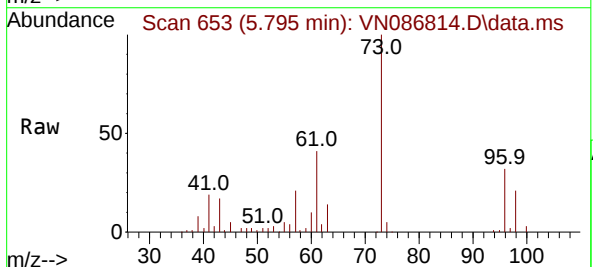
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

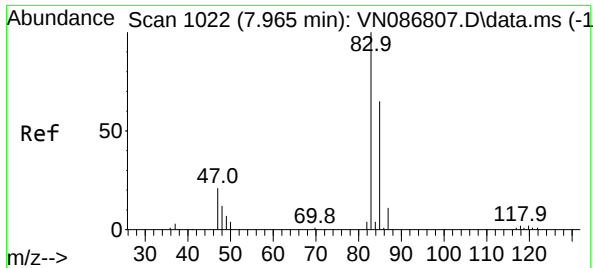
Tgt Ion: 59 Resp: 37407
Ion Ratio Lower Upper
59 100
52 244.0 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 19.488 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion: 73 Resp: 147763
Ion Ratio Lower Upper
73 100
43 17.7 14.6 22.0

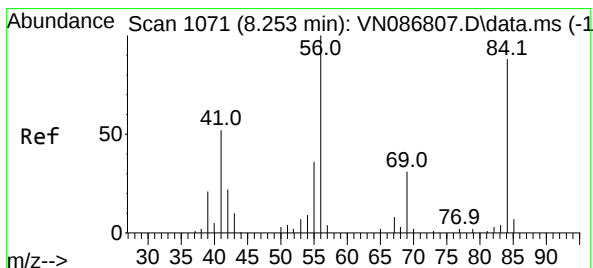
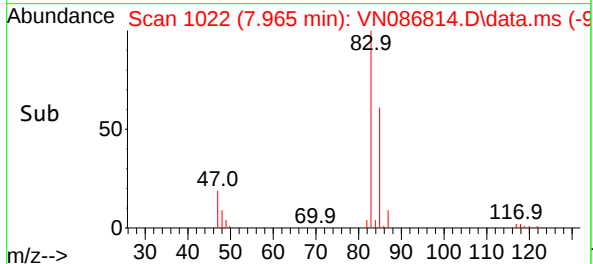
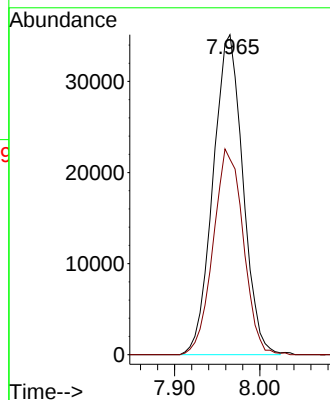
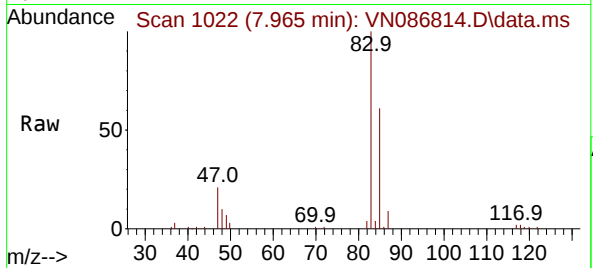




#25
Chloroform
Concen: 19.241 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

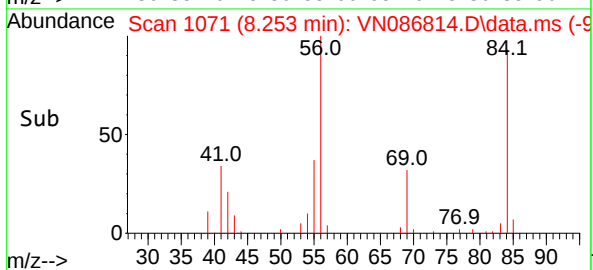
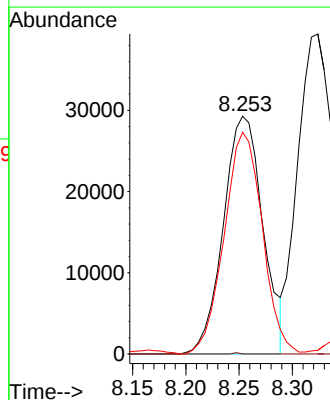
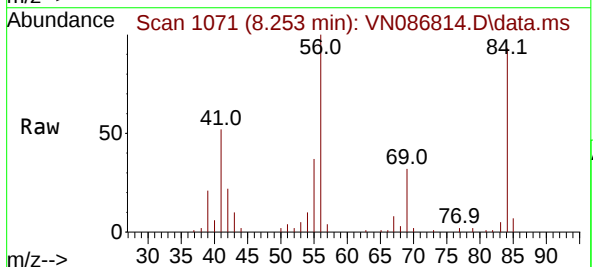
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

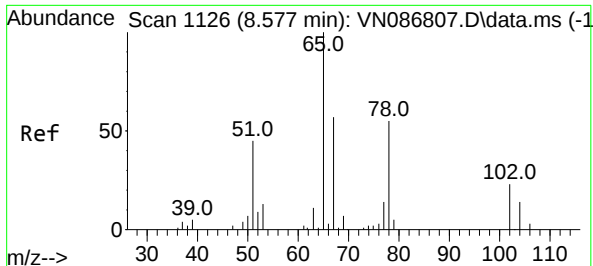
Tgt Ion: 83 Resp: 85552
Ion Ratio Lower Upper
83 100
85 61.1 51.8 77.8



#26
Cyclohexane
Concen: 19.220 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion: 56 Resp: 75568
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.0 70.4 105.6





#27

1,2-Dichloroethane-d4

Concen: 30.136 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086814.D

Acq: 29 May 2025 14:28

Instrument :

MSVOA_N

ClientSampleId :

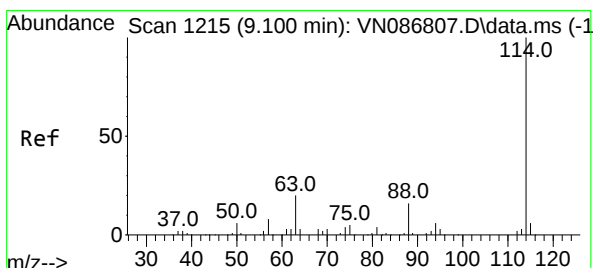
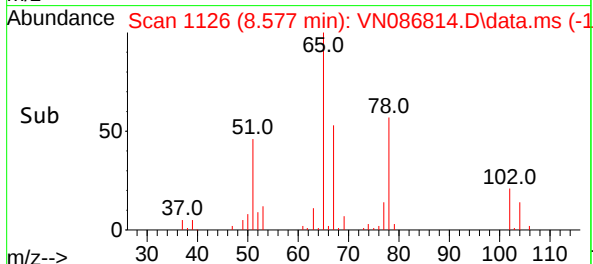
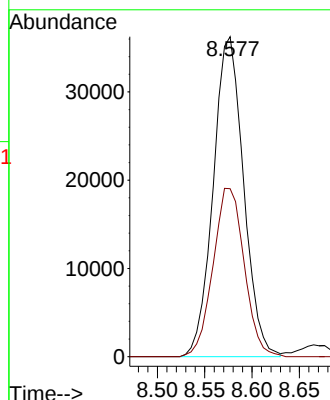
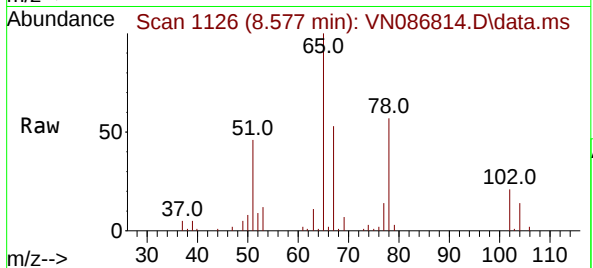
VN0529WBSD01

Tgt Ion: 65 Resp: 80777

Ion Ratio Lower Upper

65 100

67 54.1 44.6 67.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086814.D

Acq: 29 May 2025 14:28

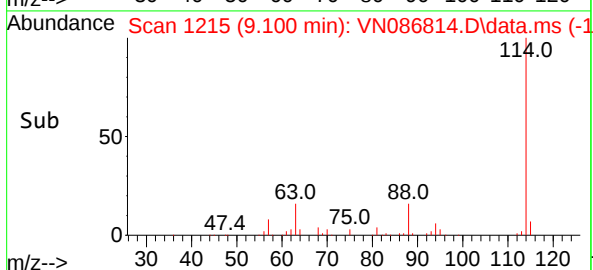
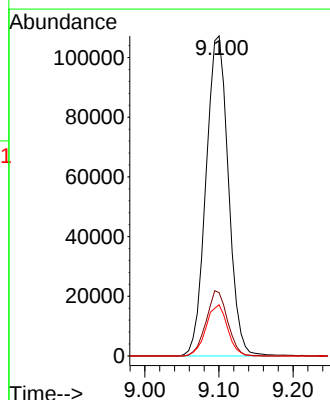
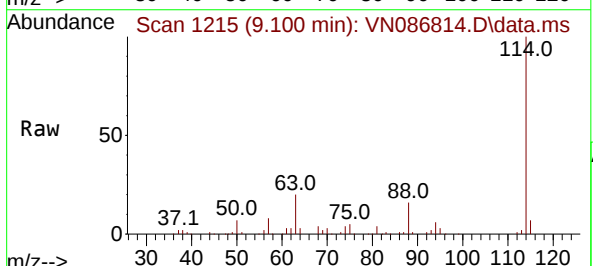
Tgt Ion: 114 Resp: 225024

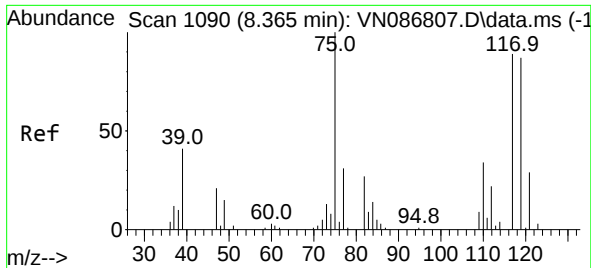
Ion Ratio Lower Upper

114 100

63 19.4 15.8 23.8

88 15.4 12.9 19.3





#29

1,1-Dichloropropene

Concen: 19.200 ug/l

RT: 8.365 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086814.D

Acq: 29 May 2025 14:28

Instrument :

MSVOA_N

ClientSampleId :

VN0529WBSD01

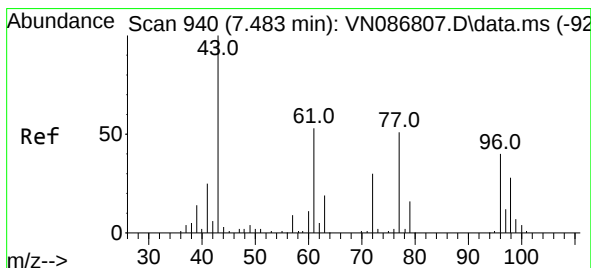
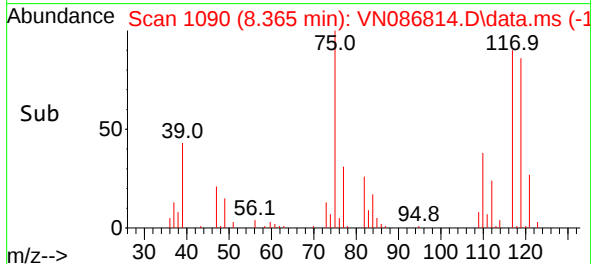
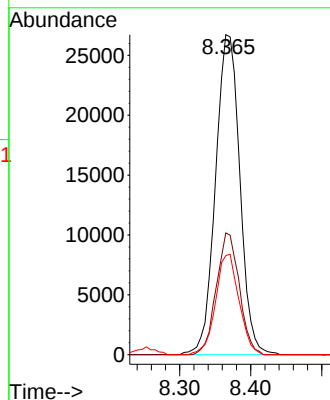
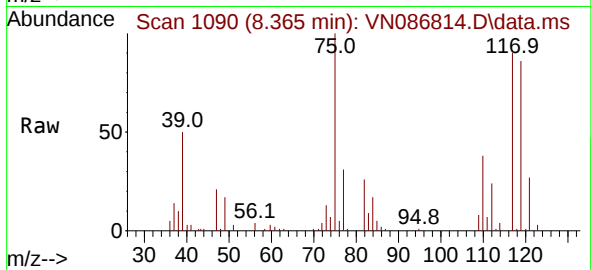
Tgt Ion: 75 Resp: 63523

Ion Ratio Lower Upper

75 100

110 35.9 0.0 71.0

77 30.2 0.0 62.4



#30

2-Butanone

Concen: 94.235 ug/l

RT: 7.477 min Scan# 939

Delta R.T. -0.006 min

Lab File: VN086814.D

Acq: 29 May 2025 14:28

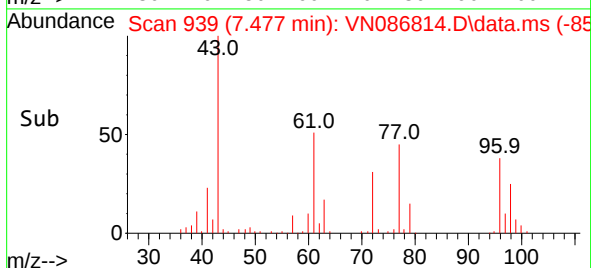
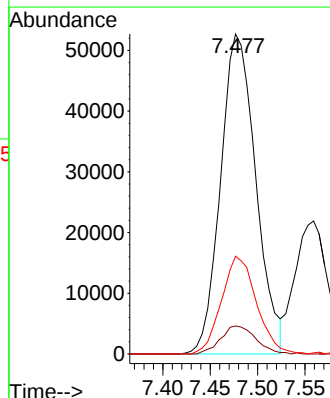
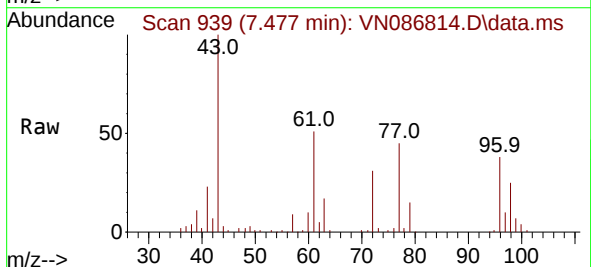
Tgt Ion: 43 Resp: 136606

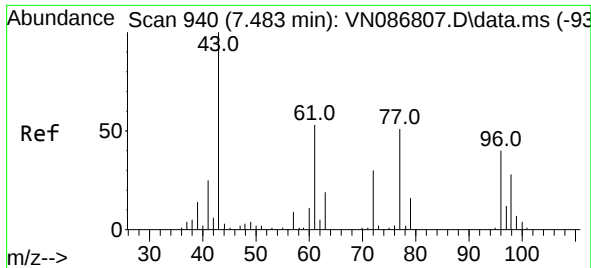
Ion Ratio Lower Upper

43 100

57 8.7 6.8 10.2

72 30.2 23.4 35.0

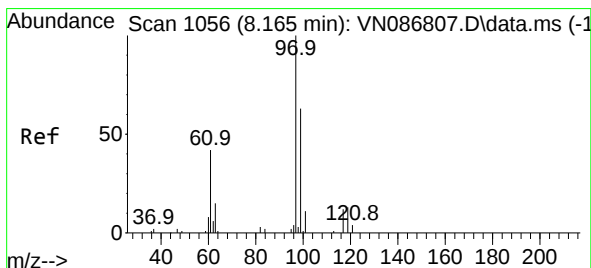
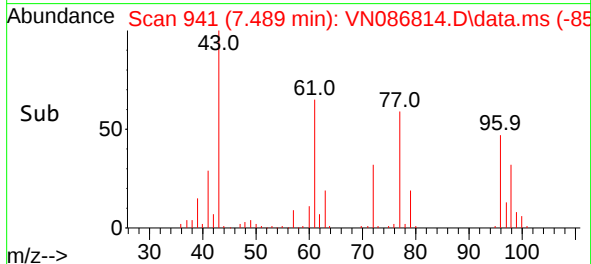
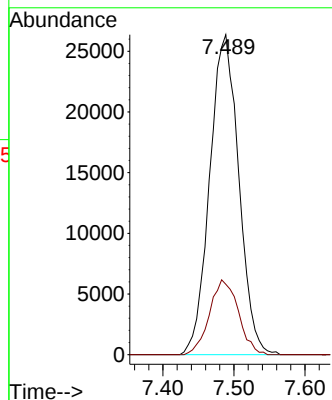
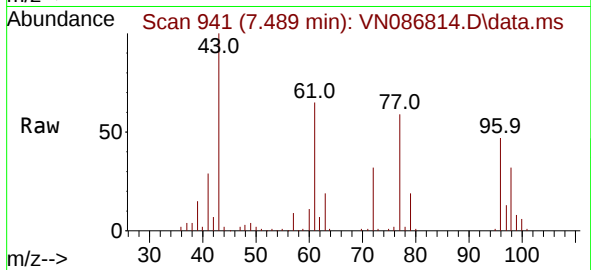




#31
2,2-Dichloropropane
Concen: 19.202 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

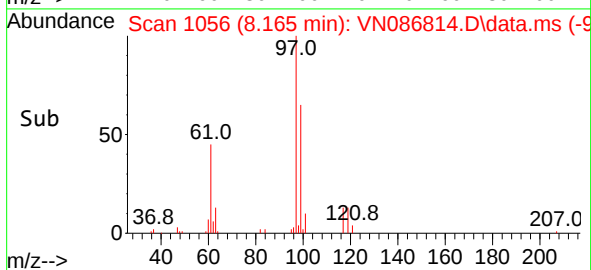
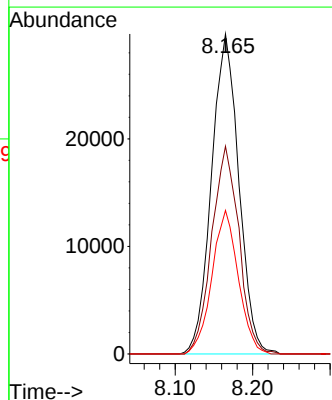
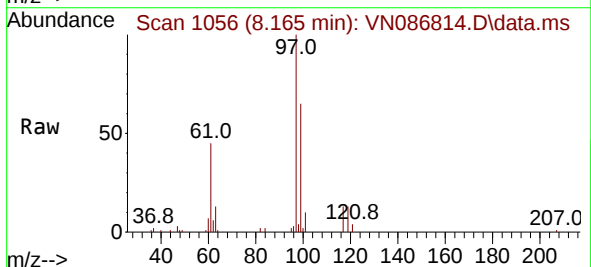
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

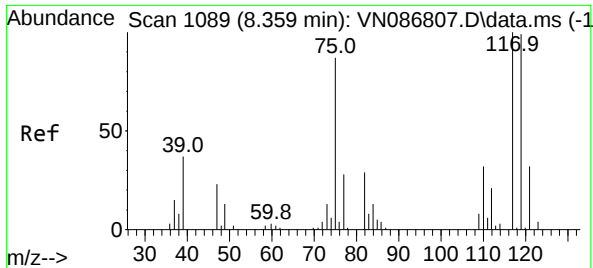
Tgt Ion: 77 Resp: 74990
Ion Ratio Lower Upper
77 100
97 23.2 18.6 27.8



#32
1,1,1-Trichloroethane
Concen: 19.043 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion: 97 Resp: 73036
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 43.3 35.4 53.2

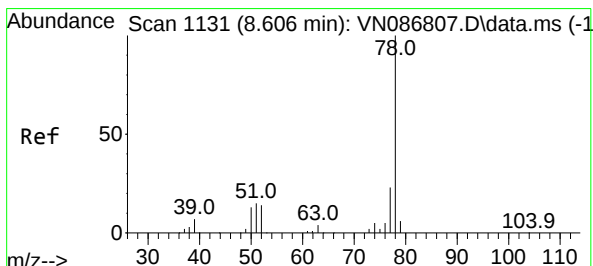
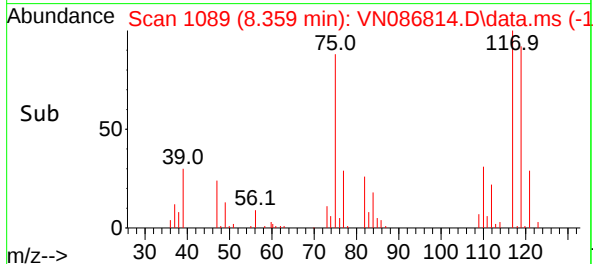
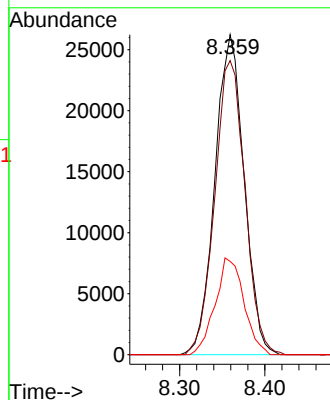
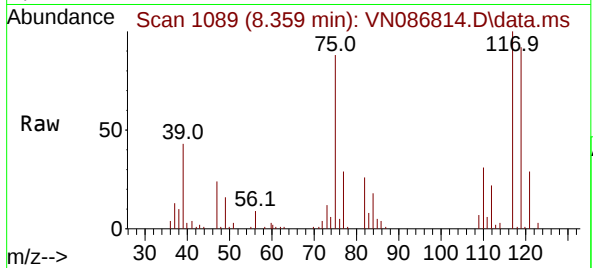




#33
Carbon Tetrachloride
Concen: 19.053 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

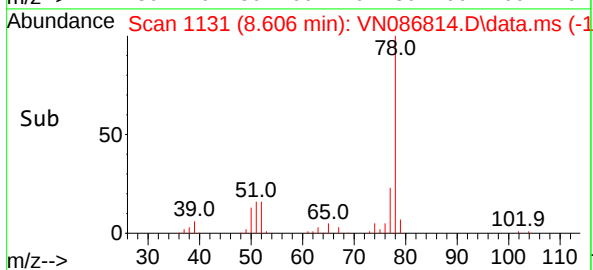
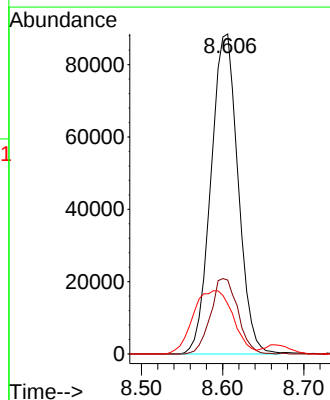
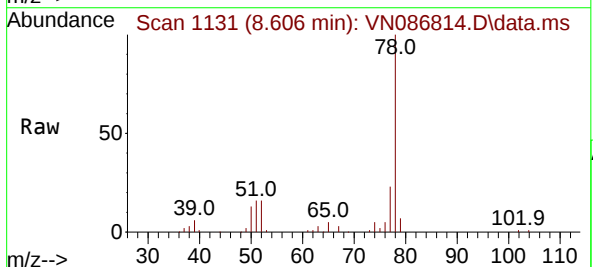
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

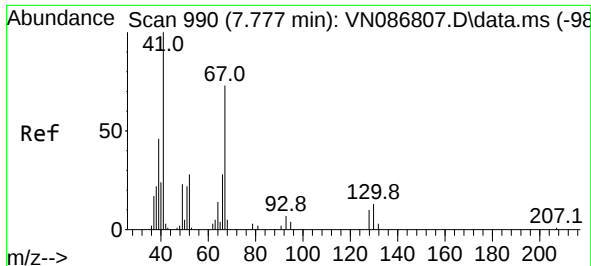
Tgt Ion:	117	Resp:	62464
Ion	Ratio	Lower	Upper
117	100		
119	91.9	79.2	118.8
121	29.2	25.6	38.4



#34
Benzene
Concen: 19.085 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion:	78	Resp:	205447
Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.2	27.2
51	13.1	11.9	17.9

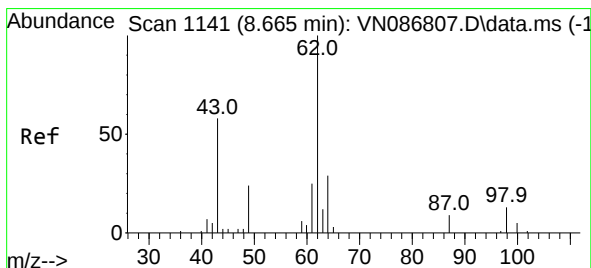
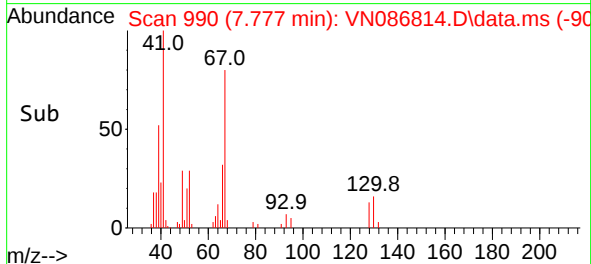
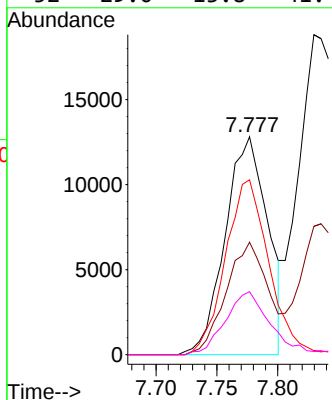
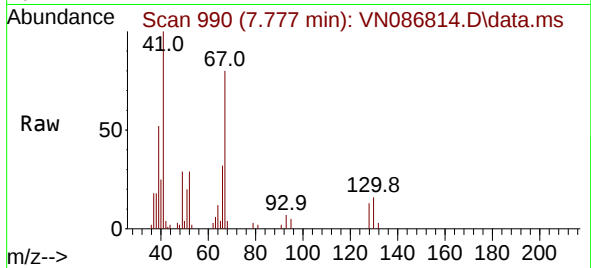




#35
Methacrylonitrile
Concen: 18.648 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

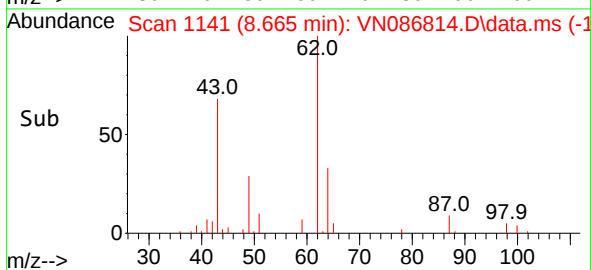
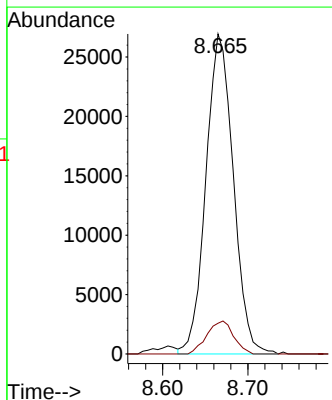
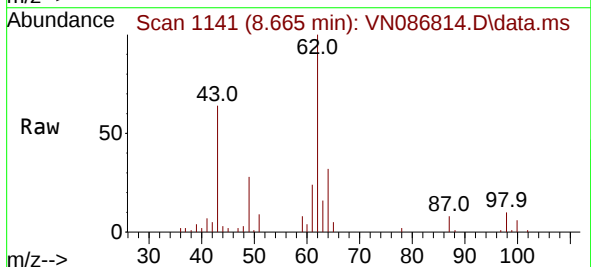
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

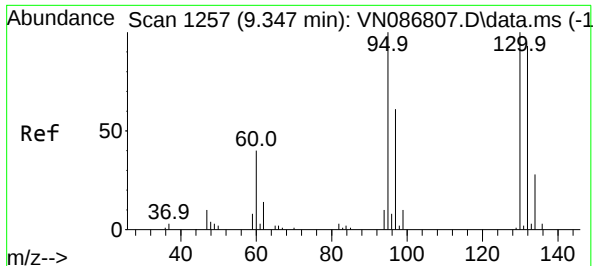
Tgt Ion:	41	Resp:	31053
Ion Ratio	Lower	Upper	
41	100		
39	51.6	23.2	69.6
67	80.2	36.5	109.7
52	29.0	13.8	41.4



#36
1,2-Dichloroethane
Concen: 19.099 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion:	62	Resp:	60249
Ion Ratio	Lower	Upper	
62	100		
98	10.0	8.5	12.7





#37

Trichloroethene

Concen: 18.106 ug/l

RT: 9.347 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086814.D

Acq: 29 May 2025 14:28

Instrument :

MSVOA_N

ClientSampleId :

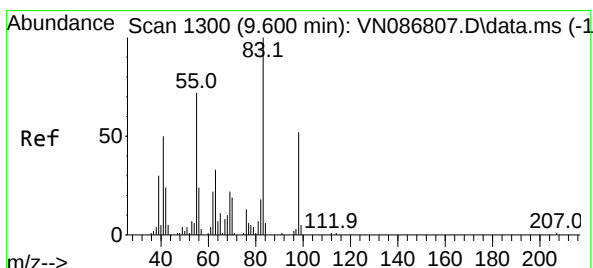
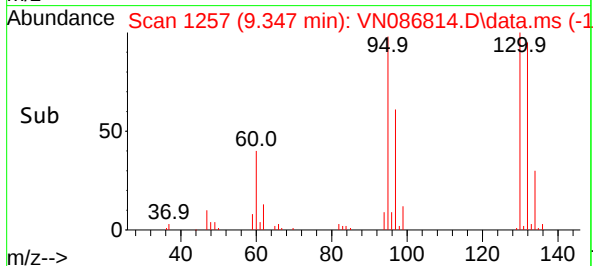
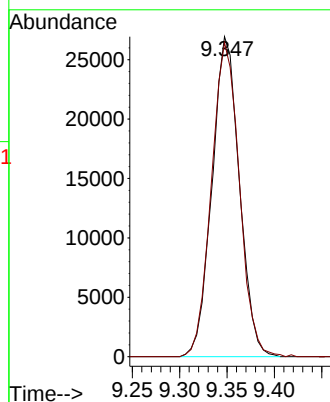
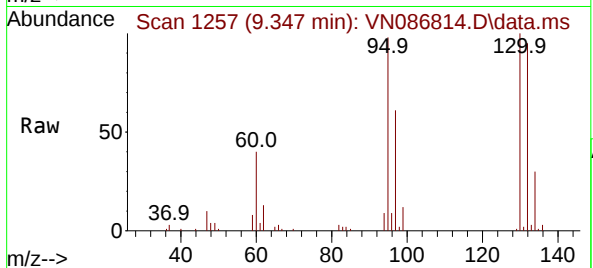
VN0529WBSD01

Tgt Ion:130 Resp: 54063

Ion Ratio Lower Upper

130 100

95 98.2 80.3 120.5



#38

Methylcyclohexane

Concen: 18.675 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN086814.D

Acq: 29 May 2025 14:28

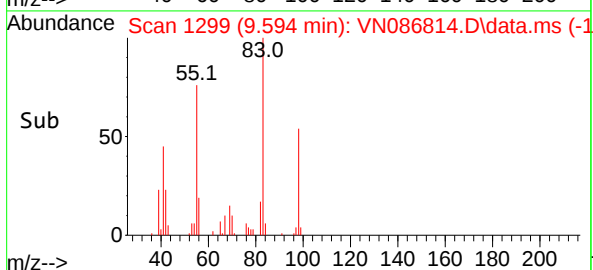
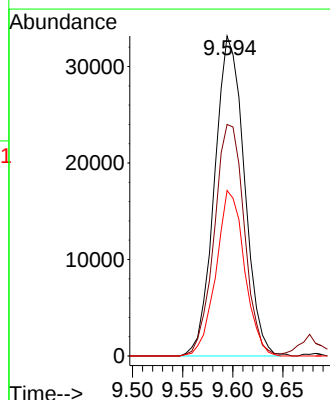
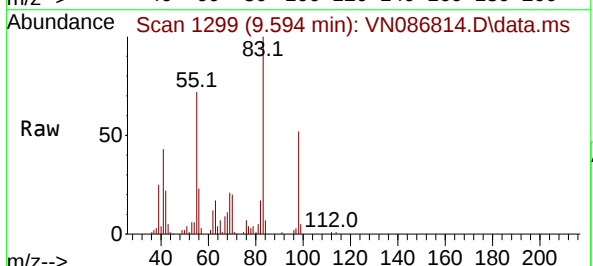
Tgt Ion: 83 Resp: 68555

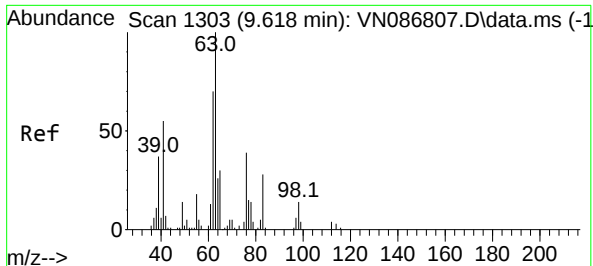
Ion Ratio Lower Upper

83 100

55 73.0 37.4 112.1

98 49.5 24.6 73.6





#39

1,2-Dichloropropane

Concen: 18.658 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086814.D

Acq: 29 May 2025 14:28

Instrument :

MSVOA_N

ClientSampleId :

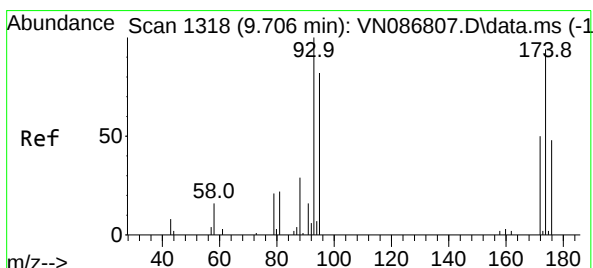
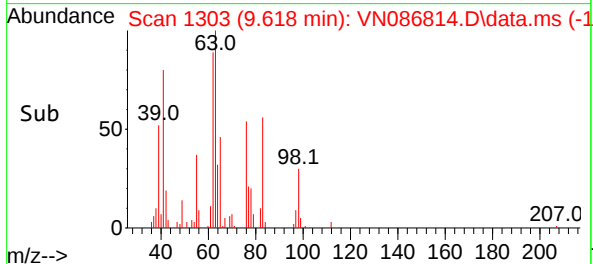
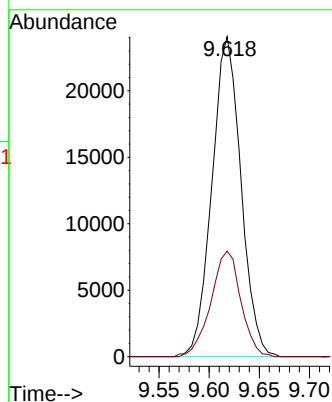
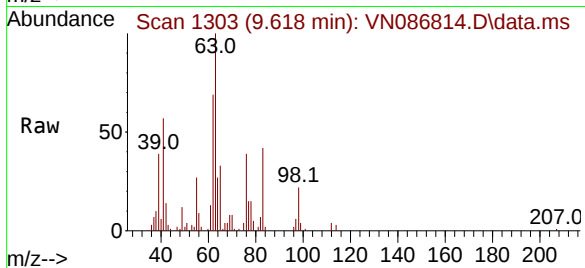
VN0529WBSD01

Tgt Ion: 63 Resp: 48355

Ion Ratio Lower Upper

63 100

65 33.0 24.2 36.4



#40

Dibromomethane

Concen: 19.110 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086814.D

Acq: 29 May 2025 14:28

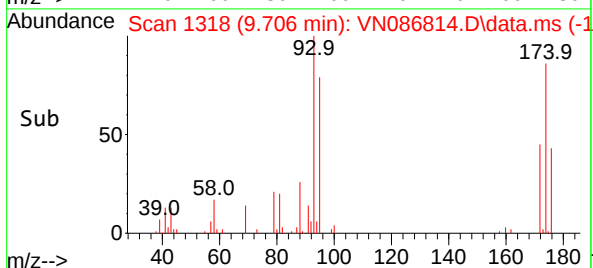
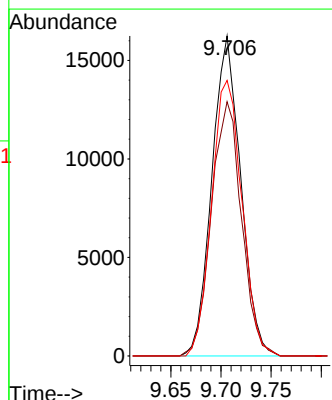
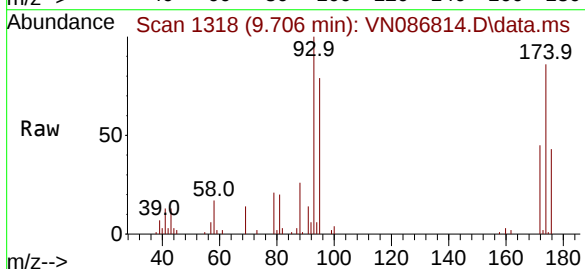
Tgt Ion: 93 Resp: 32392

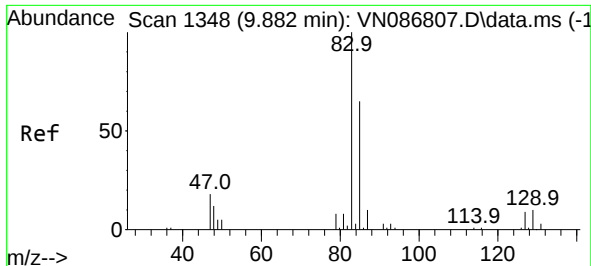
Ion Ratio Lower Upper

93 100

95 83.0 0.0 166.4

174 90.9 0.0 181.8

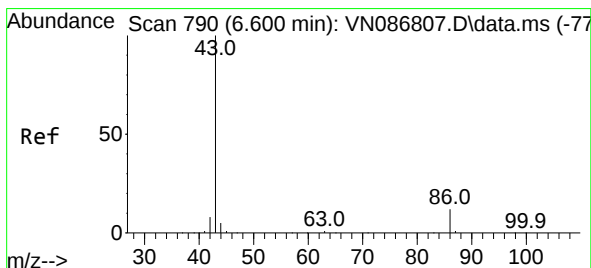
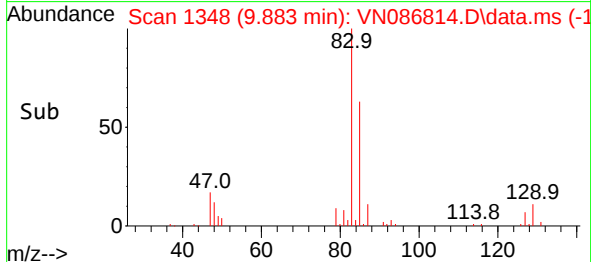
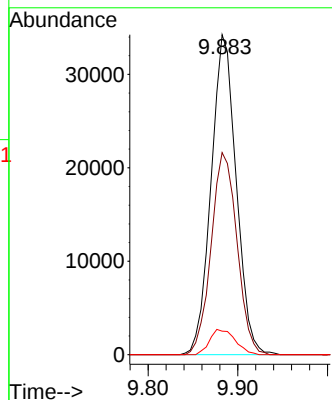
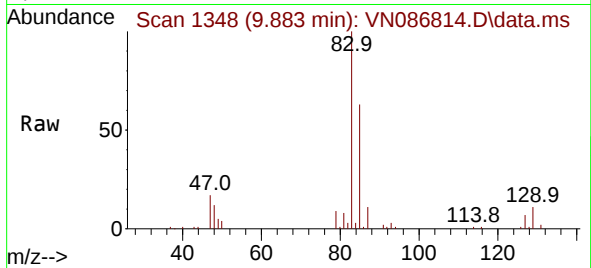




#41
Bromodichloromethane
Concen: 18.748 ug/l
RT: 9.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

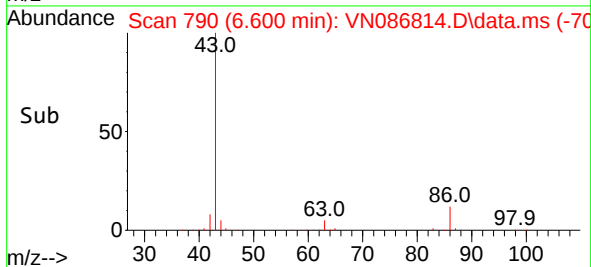
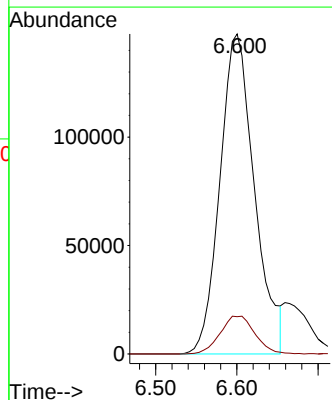
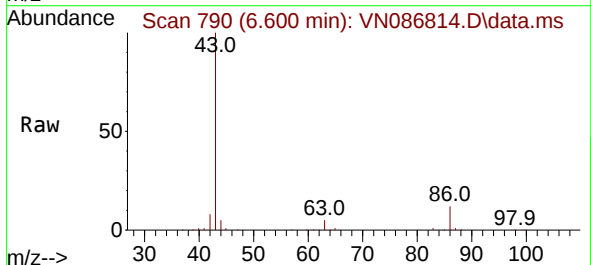
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

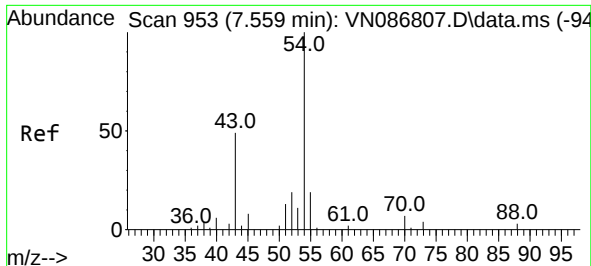
Tgt Ion: 83 Resp: 66521
Ion Ratio Lower Upper
83 100
85 63.1 51.8 77.8
127 7.4 6.8 10.2



#42
Vinyl Acetate
Concen: 103.372 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion: 43 Resp: 436800
Ion Ratio Lower Upper
43 100
86 11.9 9.5 14.3

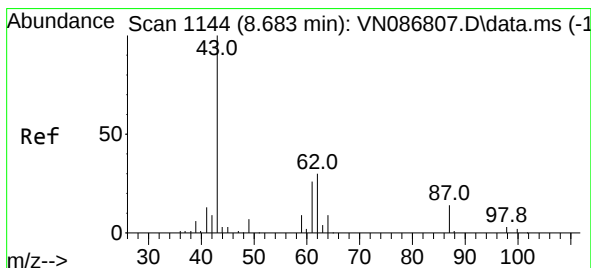
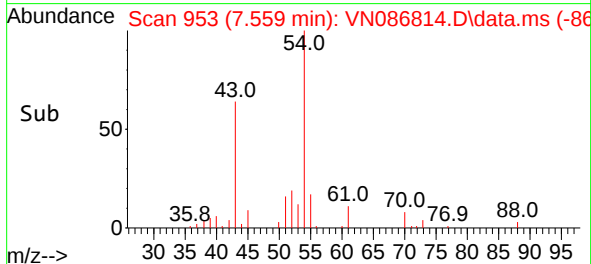
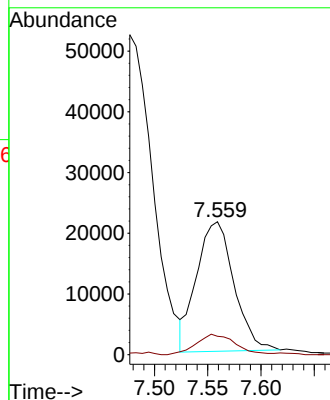
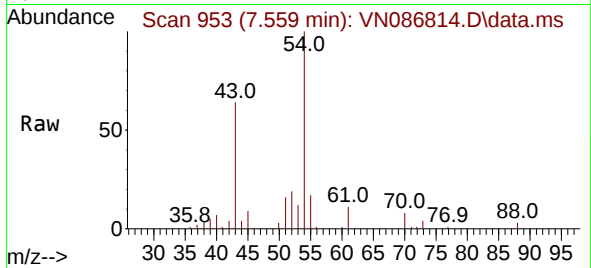




#43
Ethyl Acetate
Concen: 17.538 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

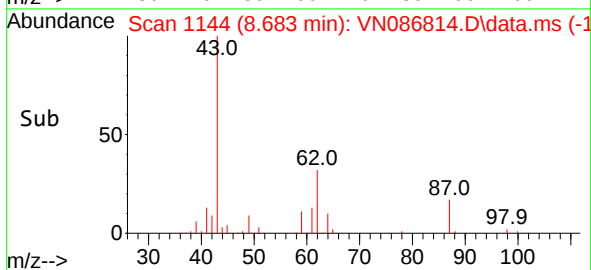
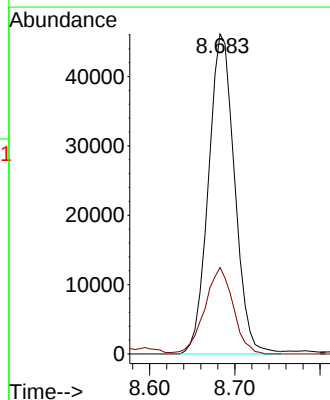
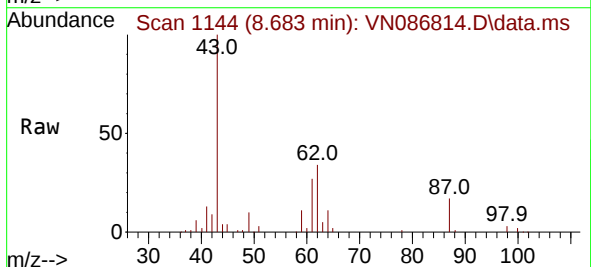
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

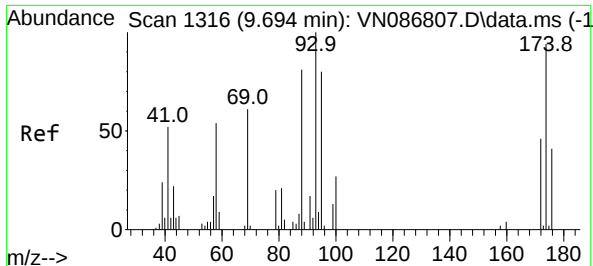
Tgt Ion: 43 Resp: 52024
Ion Ratio Lower Upper
43 100
45 16.4 11.1 16.7



#44
Isopropyl Acetate
Concen: 19.341 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion: 43 Resp: 98414
Ion Ratio Lower Upper
43 100
61 29.3 23.8 35.6





#45

1,4-Dioxane

Concen: 382.736 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086814.D

Acq: 29 May 2025 14:28

Instrument :

MSVOA_N

ClientSampleId :

VN0529WBSD01

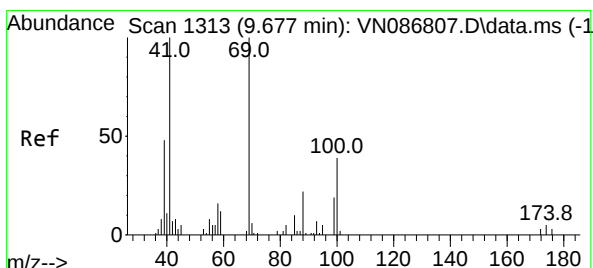
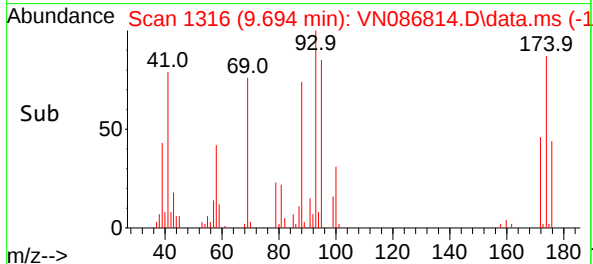
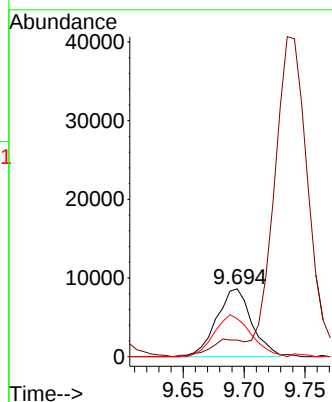
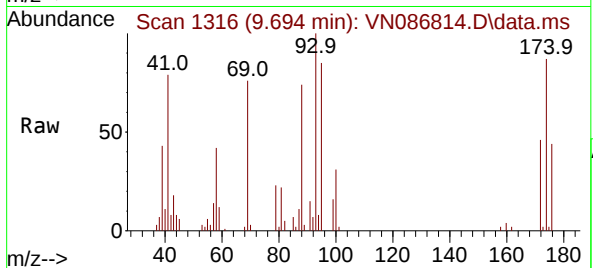
Tgt Ion: 88 Resp: 17310

Ion Ratio Lower Upper

88 100

43 24.9 23.0 34.6

58 64.2 57.6 86.4



#46

Methyl methacrylate

Concen: 19.088 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VN086814.D

Acq: 29 May 2025 14:28

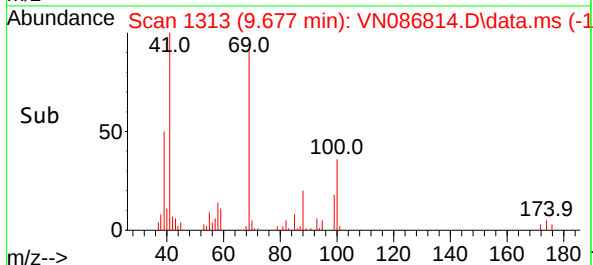
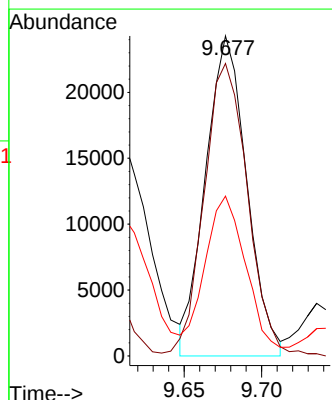
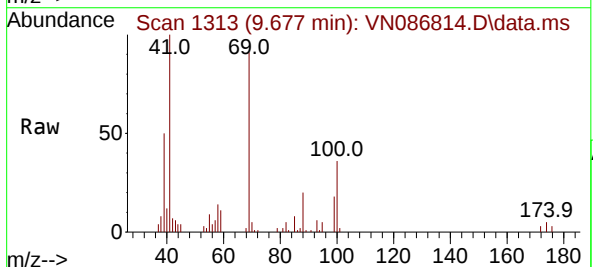
Tgt Ion: 41 Resp: 44785

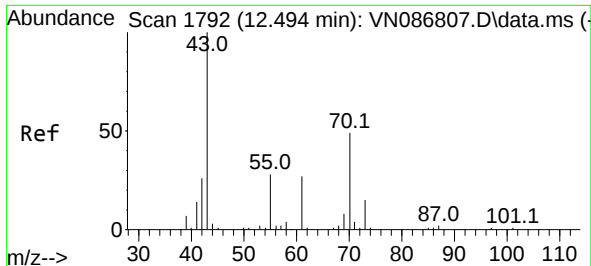
Ion Ratio Lower Upper

41 100

69 92.6 48.0 144.2

39 49.5 23.8 71.2





#47

n-amy1 Acetate

Concen: 19.334 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VN086814.D

Acq: 29 May 2025 14:28

Instrument :

MSVOA_N

ClientSampleId :

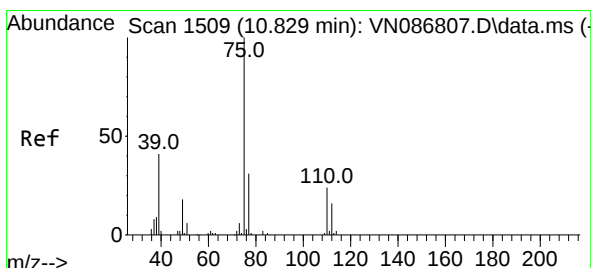
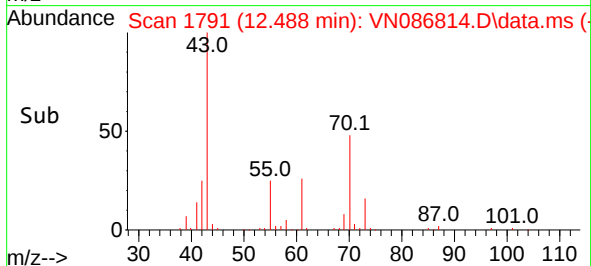
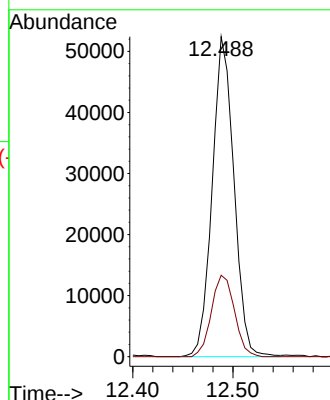
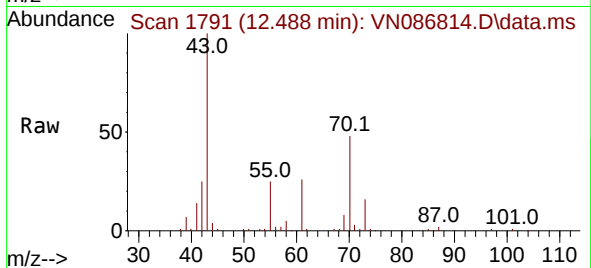
VN0529WBSD01

Tgt Ion: 43 Resp: 78982

Ion Ratio Lower Upper

43 100

55 27.0 21.7 32.5



#48

t-1,3-Dichloropropene

Concen: 18.896 ug/l

RT: 10.830 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VN086814.D

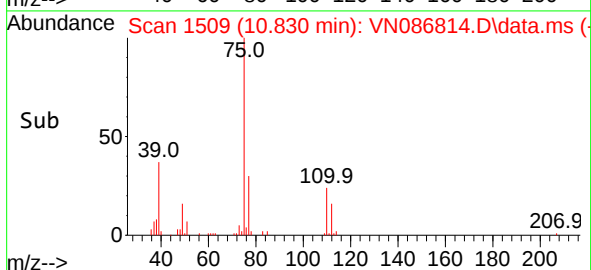
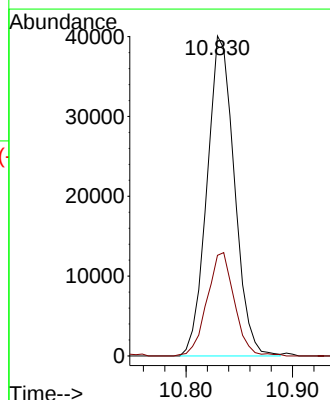
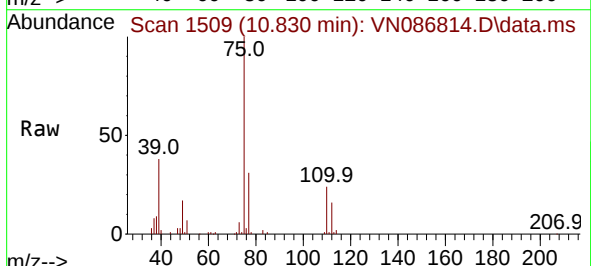
Acq: 29 May 2025 14:28

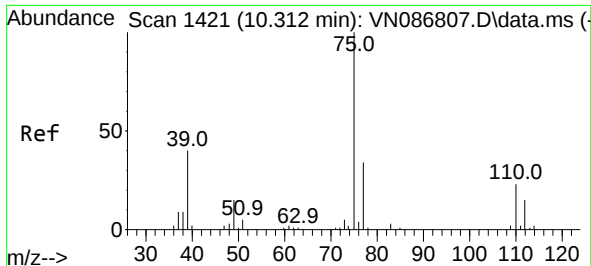
Tgt Ion: 75 Resp: 71749

Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7

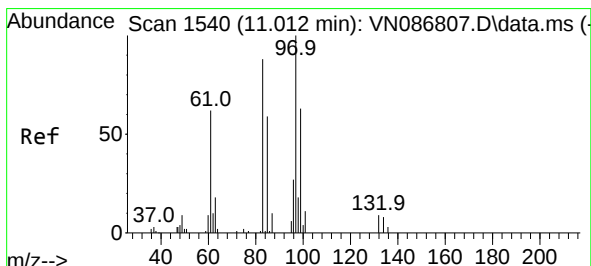
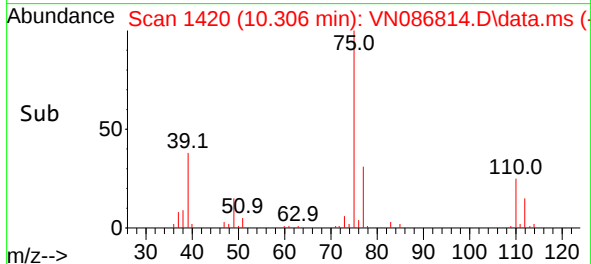
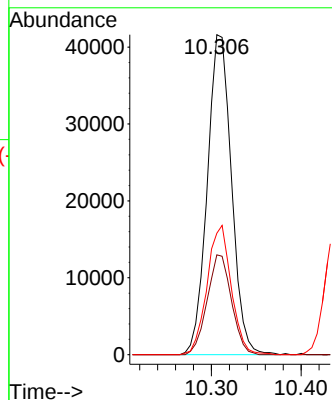
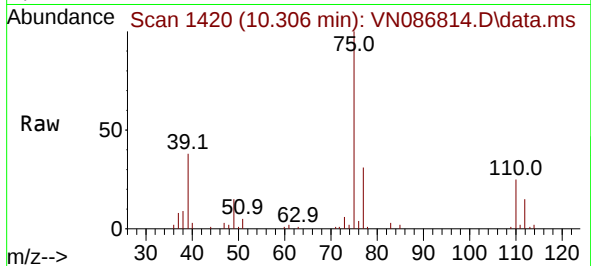




#49
 cis-1,3-Dichloropropene
 Concen: 18.693 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN086814.D
 Acq: 29 May 2025 14:28

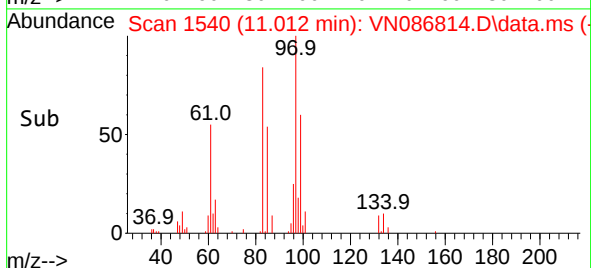
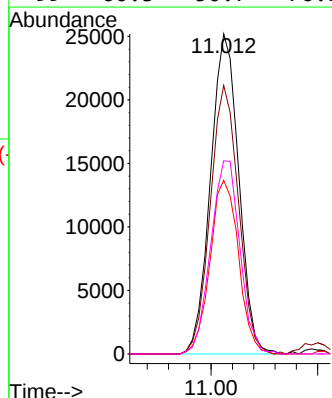
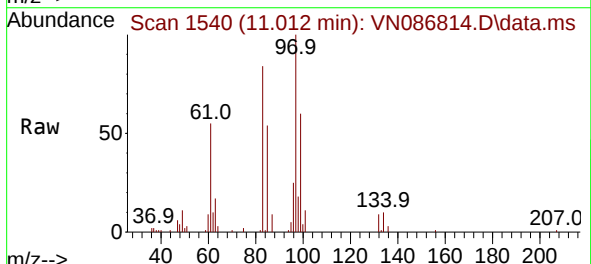
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529WBSD01

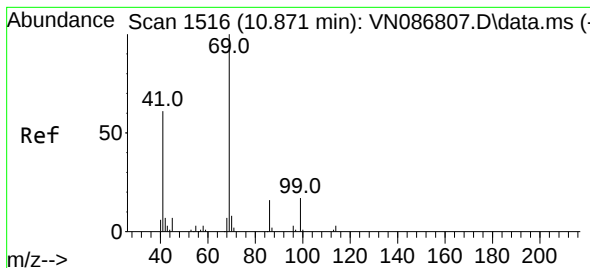
Tgt Ion:	75	Resp:	78068
Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.9	40.3
39	37.9	31.8	47.6



#50
 1,1,2-Trichloroethane
 Concen: 19.400 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086814.D
 Acq: 29 May 2025 14:28

Tgt Ion:	97	Resp:	46316
Ion	Ratio	Lower	Upper
97	100		
83	83.9	70.6	105.8
85	54.3	46.8	70.2
99	60.3	50.7	76.1





#51

Ethyl methacrylate

Concen: 18.729 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN086814.D

Acq: 29 May 2025 14:28

Instrument :

MSVOA_N

ClientSampleId :

VN0529WBSD01

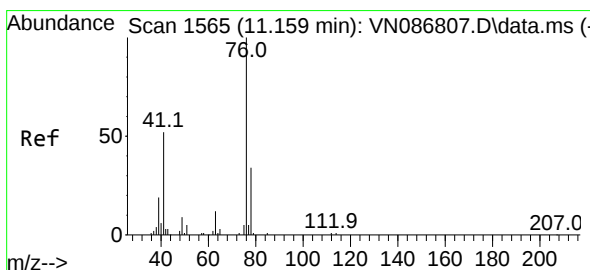
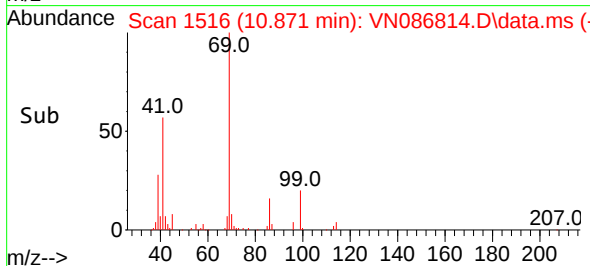
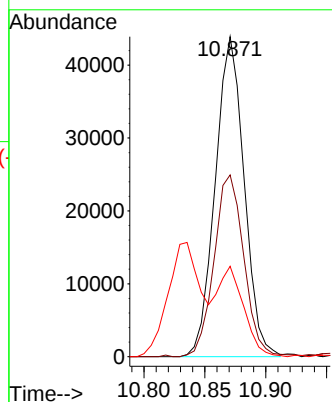
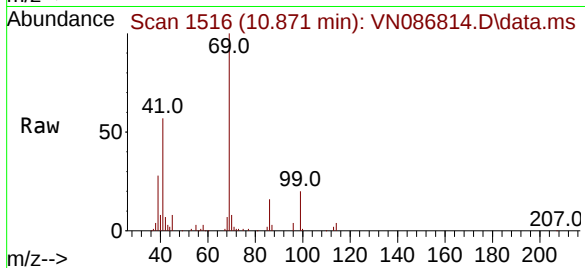
Tgt Ion: 69 Resp: 72415

Ion Ratio Lower Upper

69 100

41 56.8 30.5 91.5

39 27.9 14.3 42.9



#52

1,3-Dichloropropane

Concen: 18.681 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN086814.D

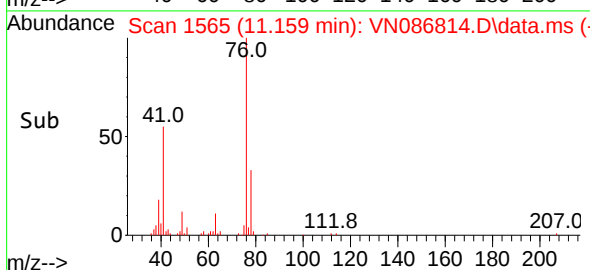
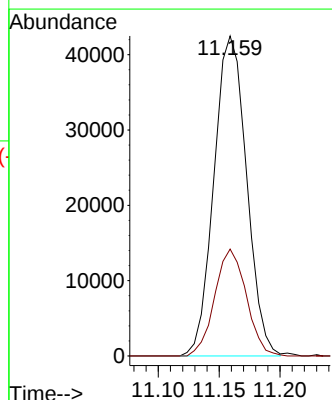
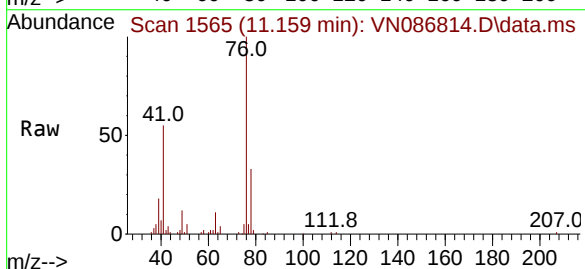
Acq: 29 May 2025 14:28

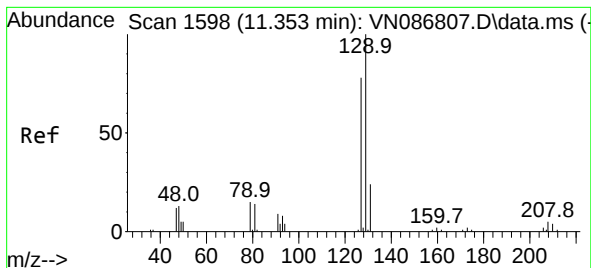
Tgt Ion: 76 Resp: 79148

Ion Ratio Lower Upper

76 100

78 32.3 0.0 64.6





#53

Dibromochloromethane

Concen: 18.857 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.006 min

Lab File: VN086814.D

Acq: 29 May 2025 14:28

Instrument :

MSVOA_N

ClientSampleId :

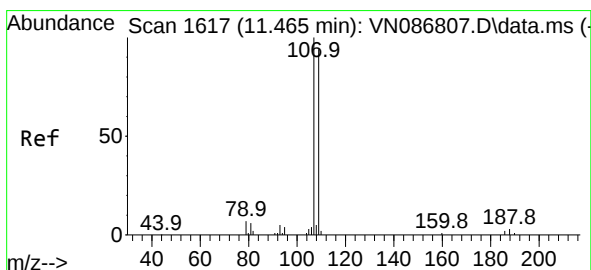
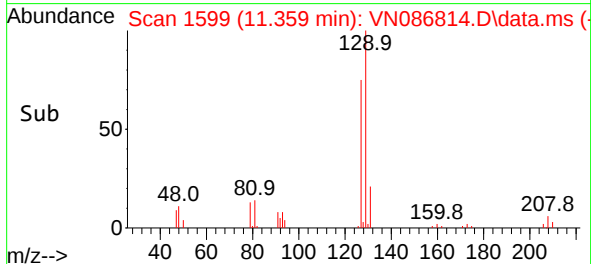
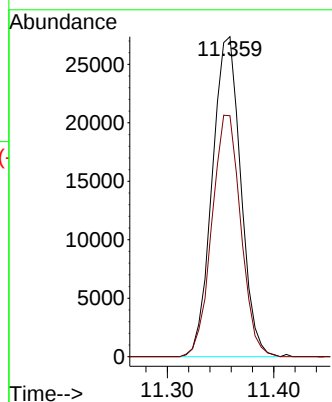
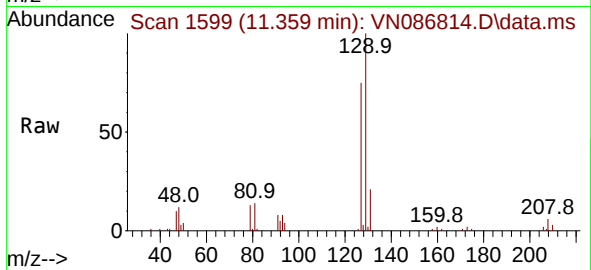
VN0529WBSD01

Tgt Ion:129 Resp: 50872

Ion Ratio Lower Upper

129 100

127 76.5 39.1 117.3



#54

1,2-Dibromoethane

Concen: 18.903 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VN086814.D

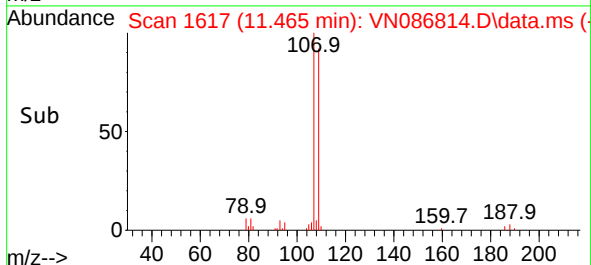
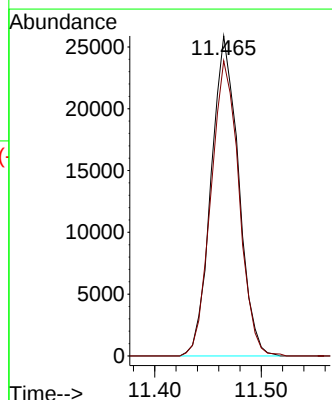
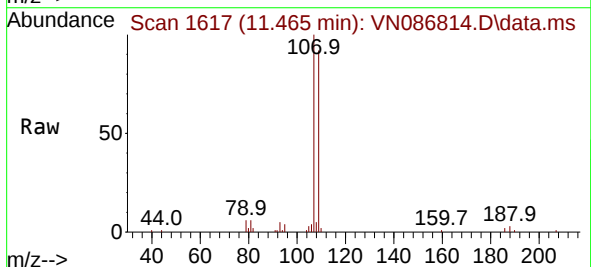
Acq: 29 May 2025 14:28

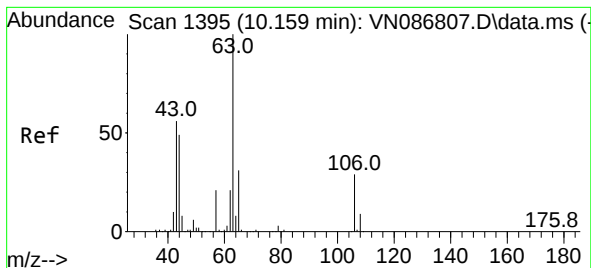
Tgt Ion:107 Resp: 46129

Ion Ratio Lower Upper

107 100

109 94.3 75.0 112.6

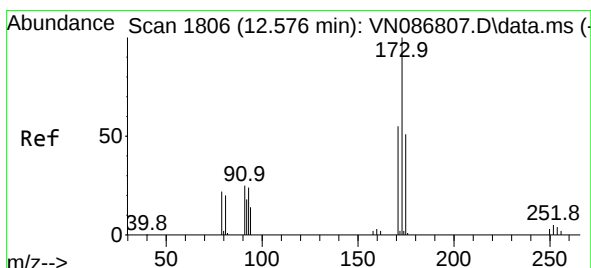
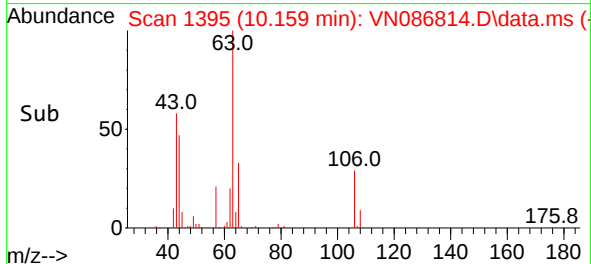
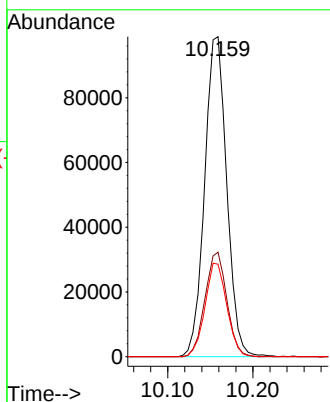
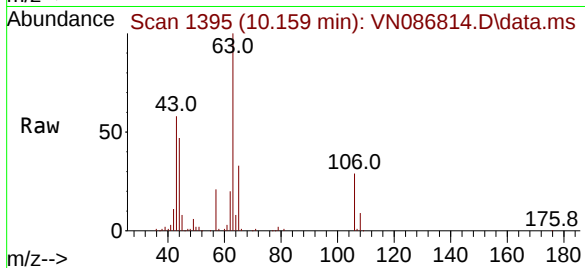




#55
2-Chloroethyl vinyl ether
Concen: 96.029 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

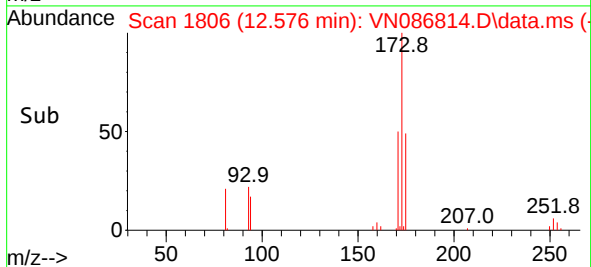
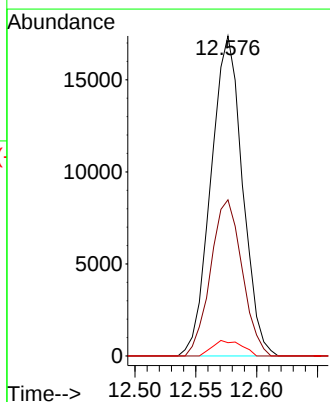
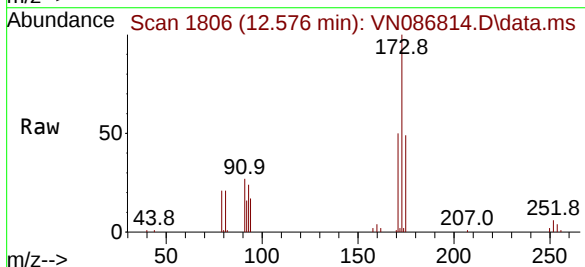
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

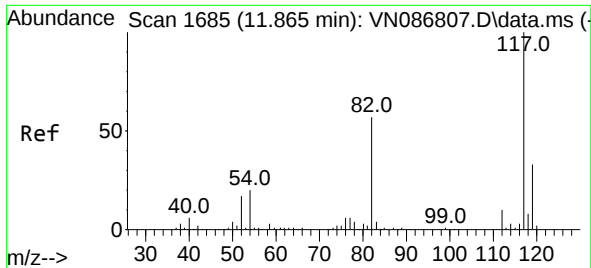
Tgt Ion: 63 Resp: 178225
Ion Ratio Lower Upper
63 100
65 32.2 25.7 38.5
106 28.8 22.7 34.1



#56
Bromoform
Concen: 18.447 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion:173 Resp: 31357
Ion Ratio Lower Upper
173 100
175 48.7 39.7 59.5
254 4.5 3.5 5.3

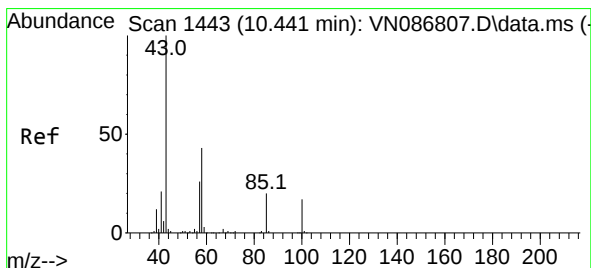
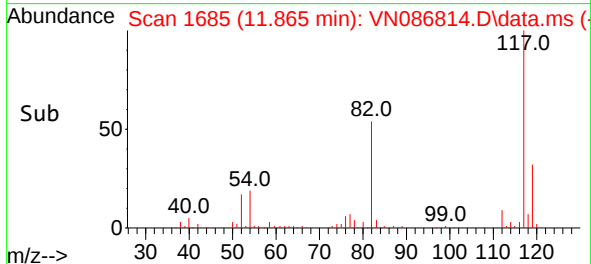
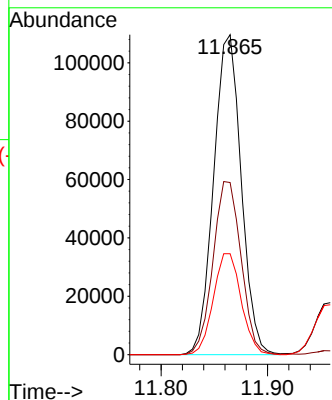
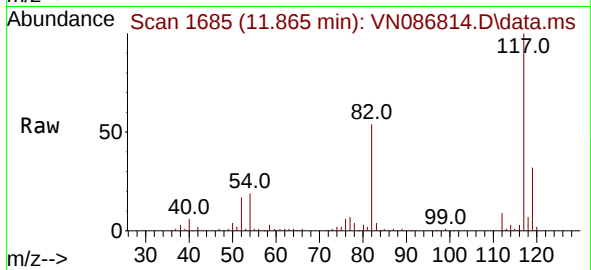




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

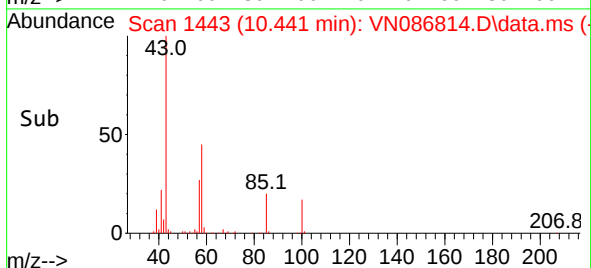
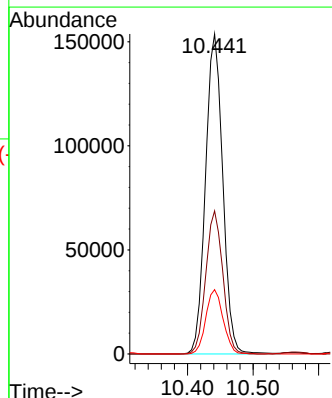
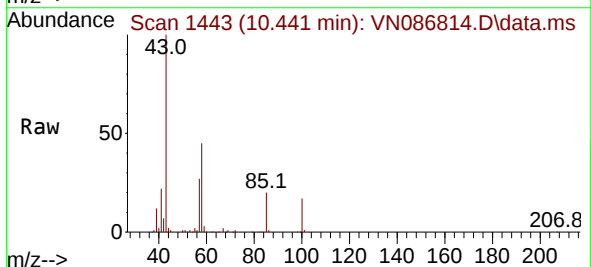
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

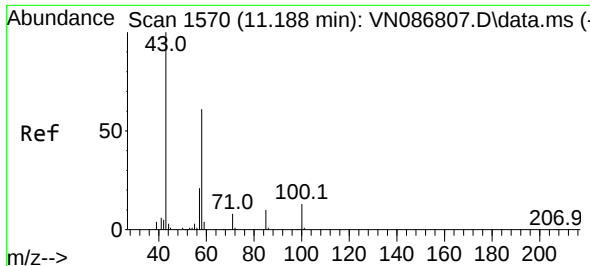
Tgt Ion:117 Resp: 196952
Ion Ratio Lower Upper
117 100
82 55.2 44.7 67.1
119 32.0 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 97.348 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion: 43 Resp: 281330
Ion Ratio Lower Upper
43 100
58 44.3 34.5 51.7
85 20.1 15.8 23.8

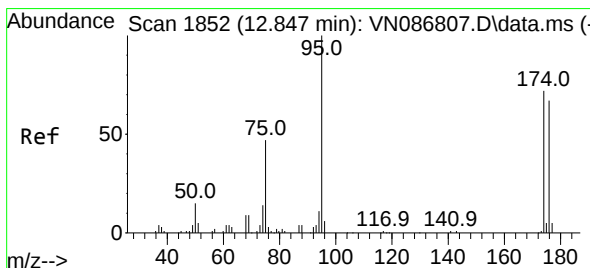
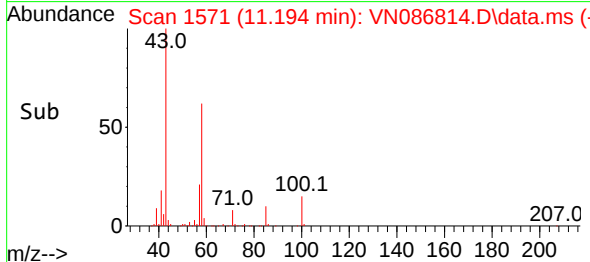
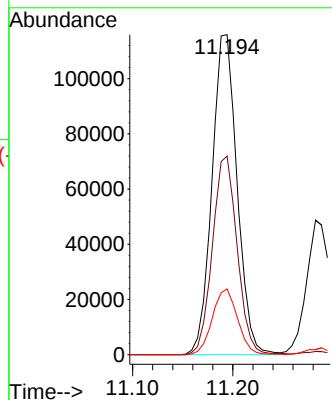
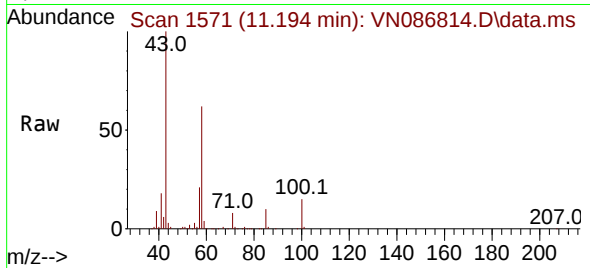




#59
2-Hexanone
Concen: 97.614 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

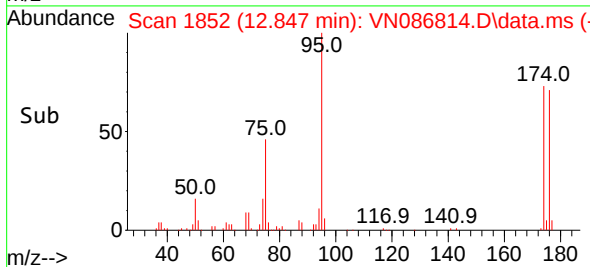
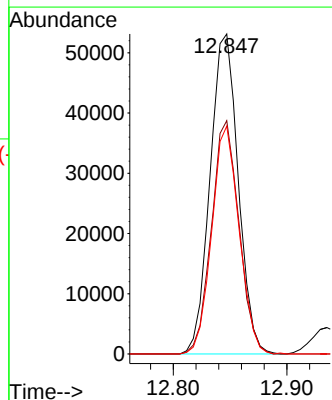
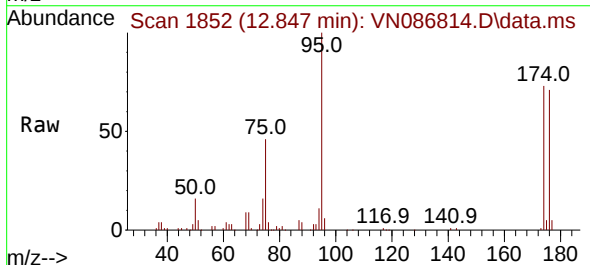
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

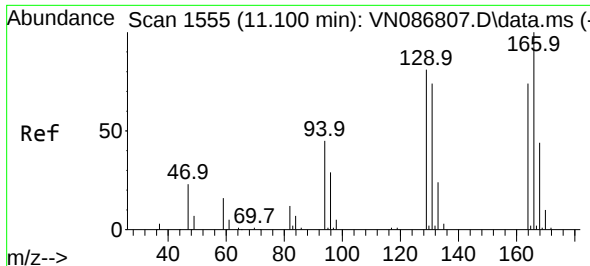
Tgt Ion: 43 Resp: 202068
Ion Ratio Lower Upper
43 100
58 61.0 49.1 73.7
57 20.6 16.6 25.0



#60
4-Bromofluorobenzene
Concen: 29.600 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion: 95 Resp: 91528
Ion Ratio Lower Upper
95 100
174 71.3 56.2 84.4
176 68.9 53.4 80.0

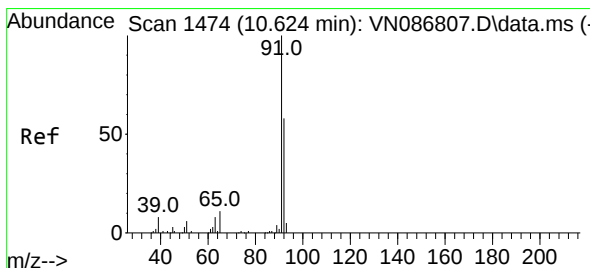
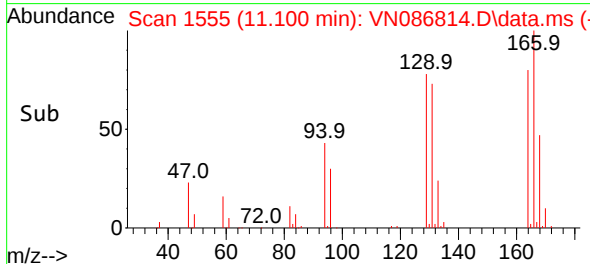
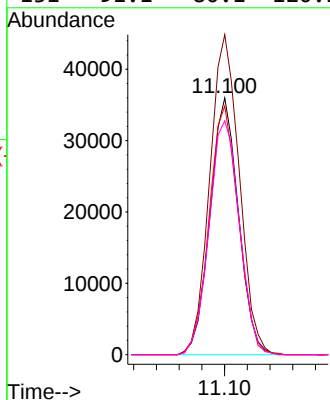
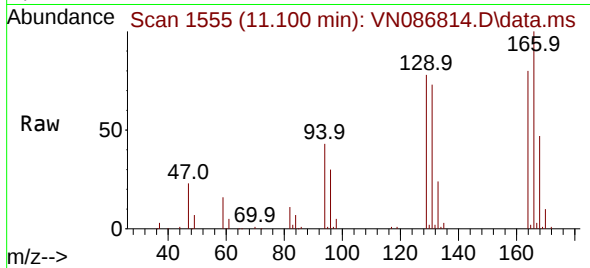




#61
Tetrachloroethene
Concen: 18.934 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

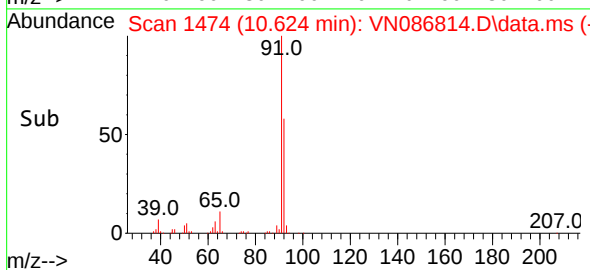
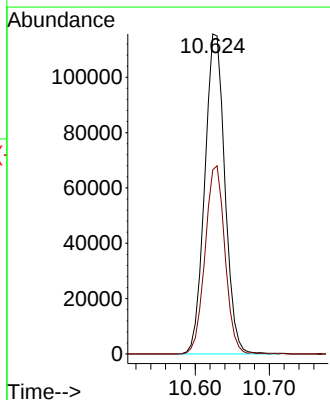
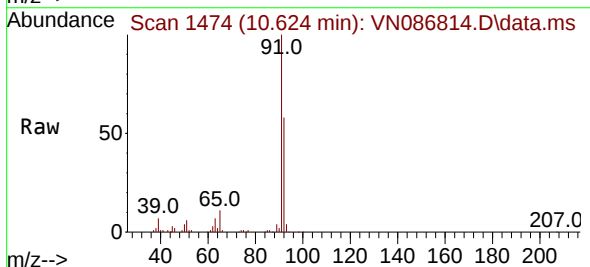
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

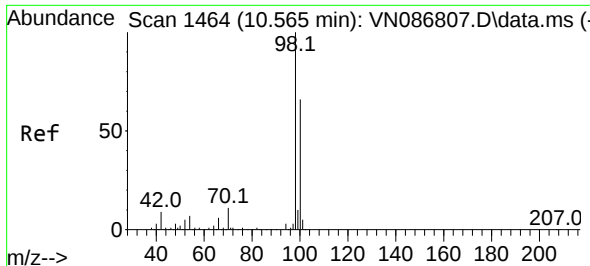
Tgt Ion:164 Resp: 62684
Ion Ratio Lower Upper
164 100
166 124.6 107.5 161.3
129 96.9 87.4 131.2
131 91.1 80.1 120.1



#62
Toluene
Concen: 19.647 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion: 91 Resp: 217929
Ion Ratio Lower Upper
91 100
92 58.0 46.6 70.0

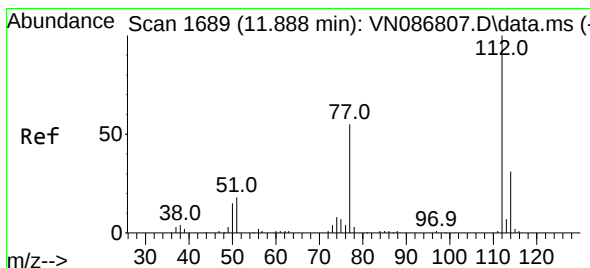
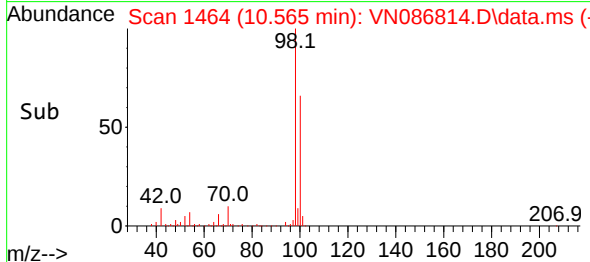
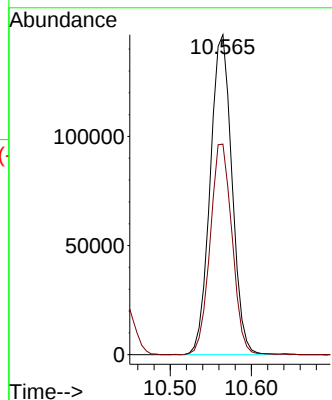
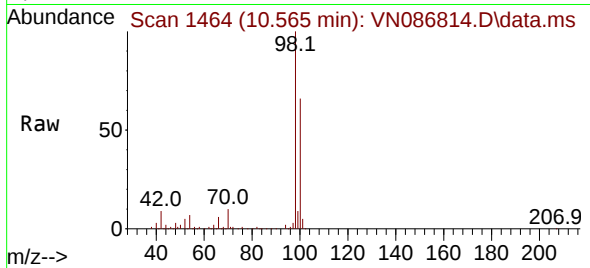




#63
Toluene-d8
Concen: 30.229 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

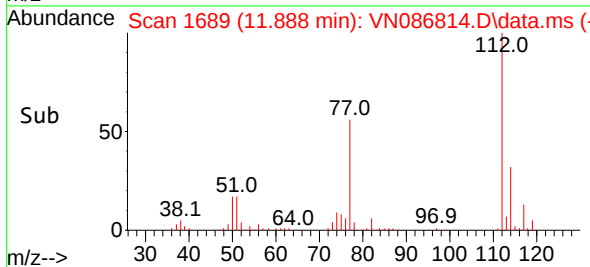
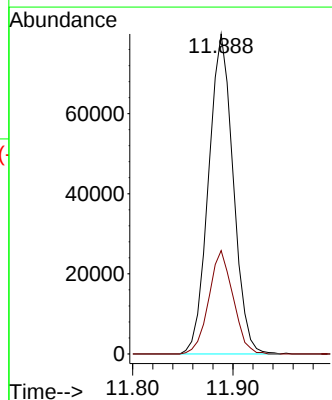
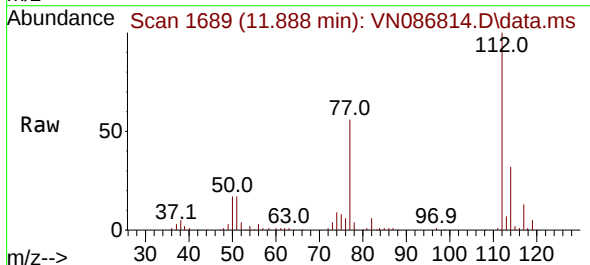
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

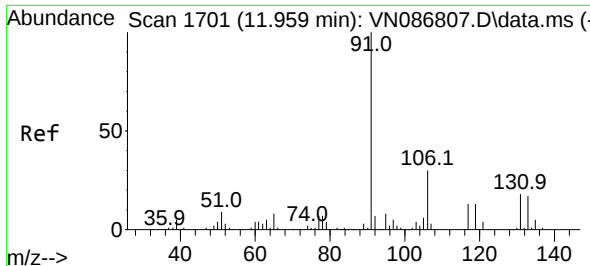
Tgt Ion: 98 Resp: 273266
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1



#64
Chlorobenzene
Concen: 19.334 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion: 112 Resp: 136770
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7

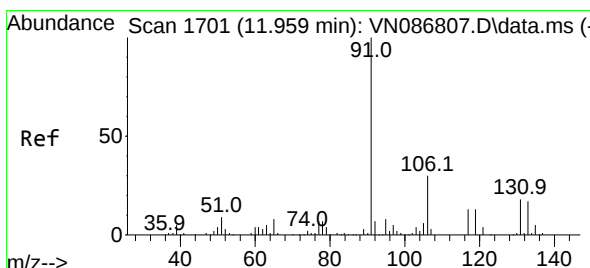
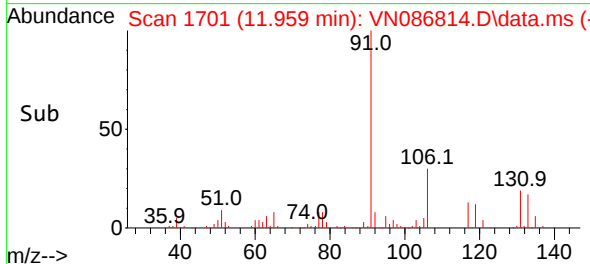
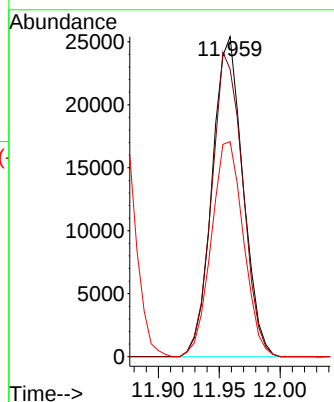
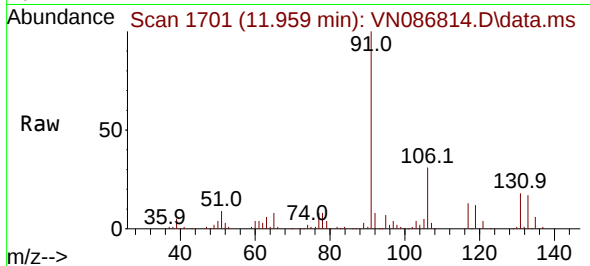




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.199 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN086814.D
 Acq: 29 May 2025 14:28

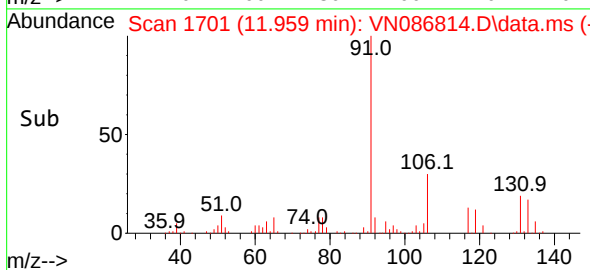
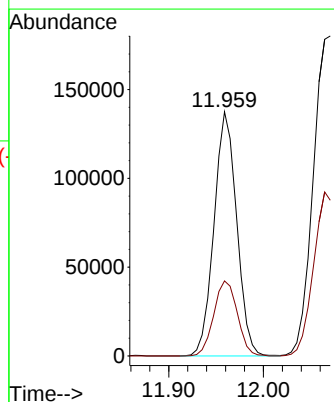
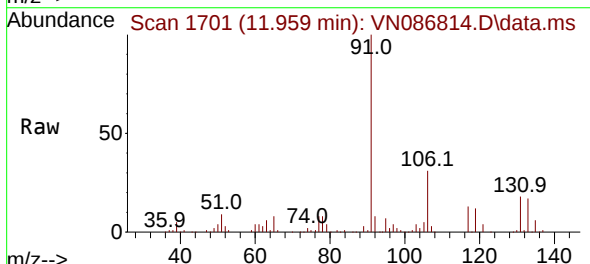
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529WBSD01

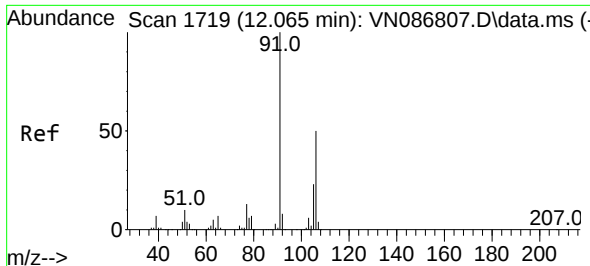
Tgt Ion:131 Resp: 44618
 Ion Ratio Lower Upper
 131 100
 133 95.9 0.0 191.0
 119 70.1 0.0 140.8



#66
 Ethyl Benzene
 Concen: 19.056 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN086814.D
 Acq: 29 May 2025 14:28

Tgt Ion: 91 Resp: 228625
 Ion Ratio Lower Upper
 91 100
 106 30.7 23.6 35.4

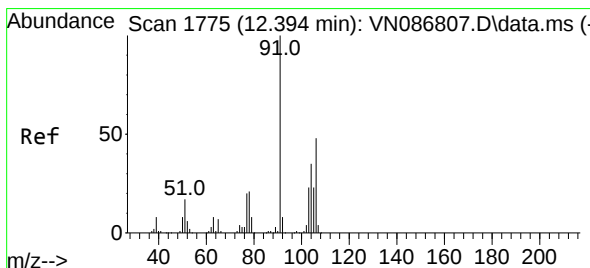
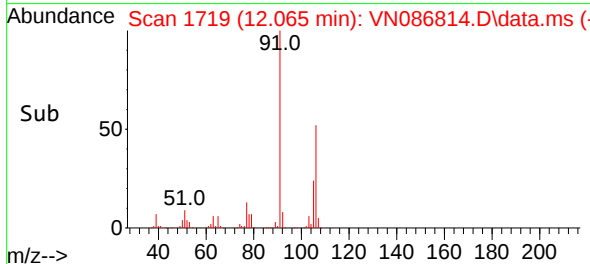
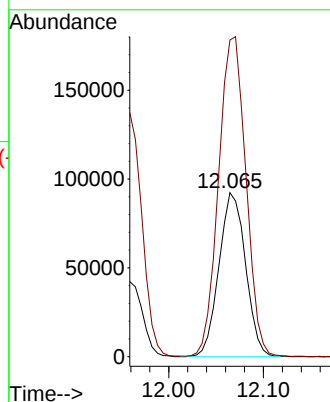
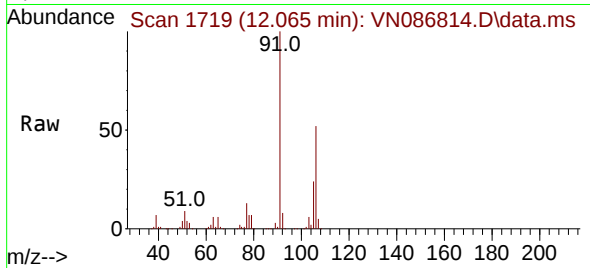




#67
m/p-Xylenes
Concen: 38.300 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

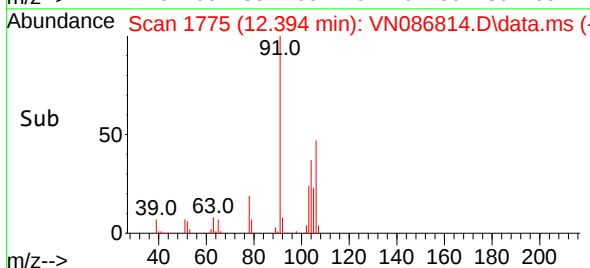
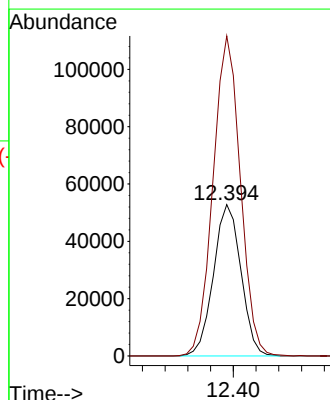
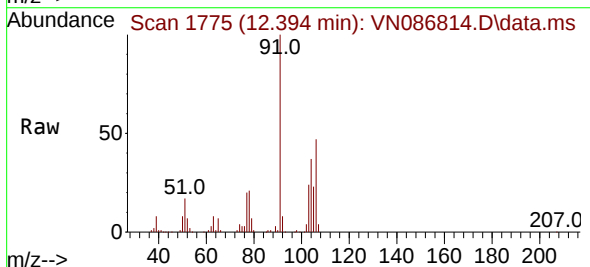
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

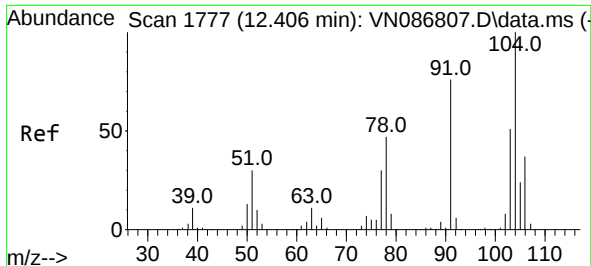
Tgt Ion:106 Resp: 180321
Ion Ratio Lower Upper
106 100
91 200.6 160.7 241.1



#68
o-Xylene
Concen: 19.450 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion:106 Resp: 88744
Ion Ratio Lower Upper
106 100
91 210.2 106.3 318.9

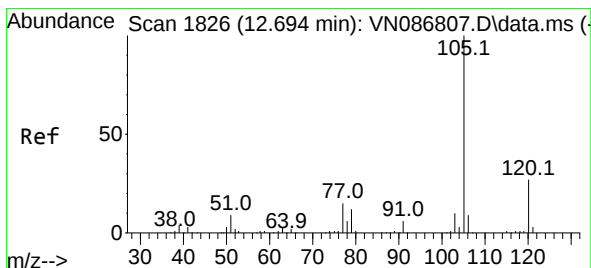
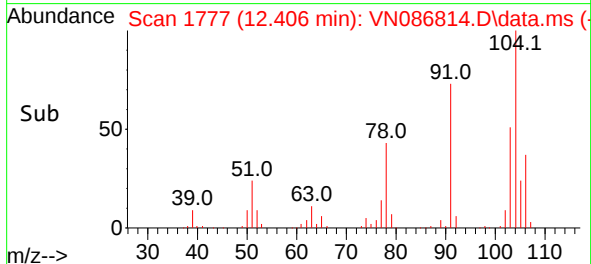
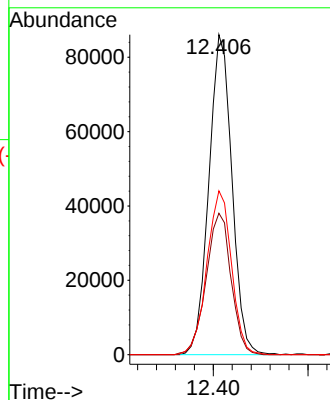
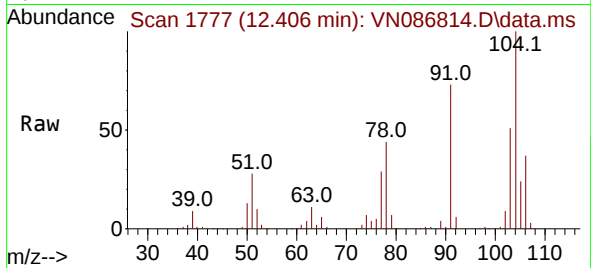




#69
Styrene
Concen: 19.195 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

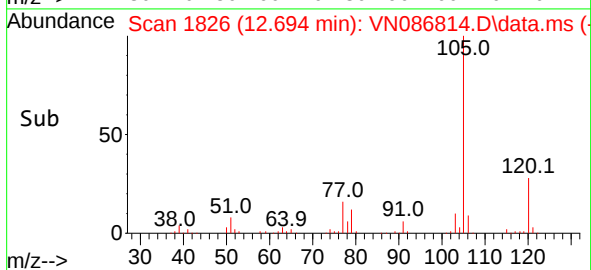
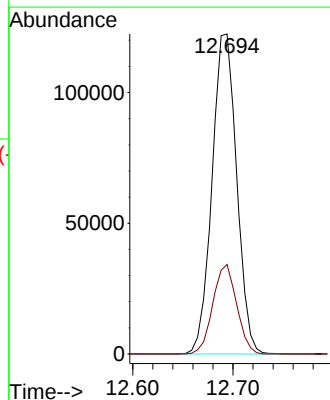
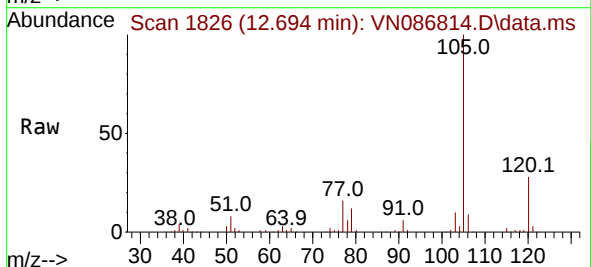
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

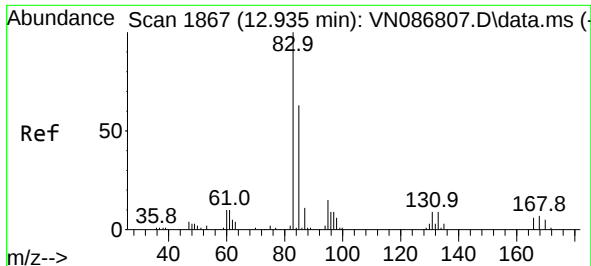
Tgt Ion:104 Resp: 145920
Ion Ratio Lower Upper
104 100
78 47.7 38.6 57.8
103 54.5 43.2 64.8



#70
Isopropylbenzene
Concen: 19.262 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion:105 Resp: 209036
Ion Ratio Lower Upper
105 100
120 26.9 19.0 35.2

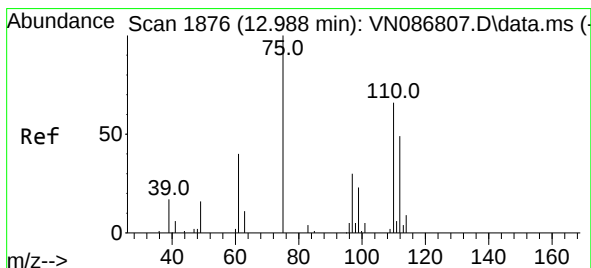
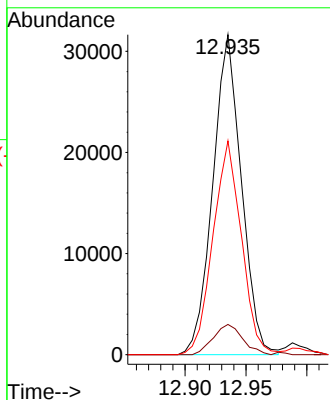
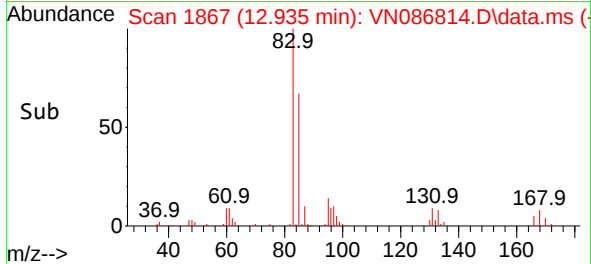
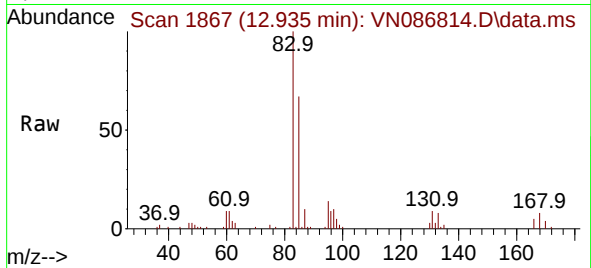




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.053 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN086814.D
 Acq: 29 May 2025 14:28

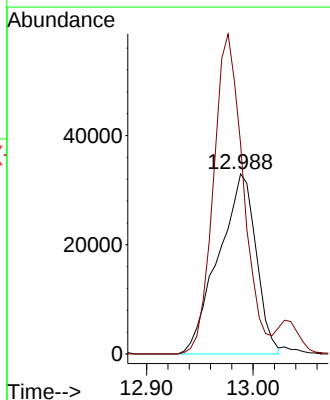
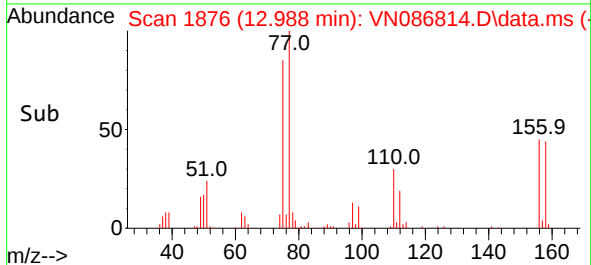
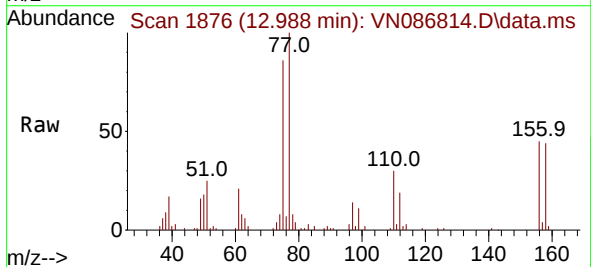
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529WBSD01

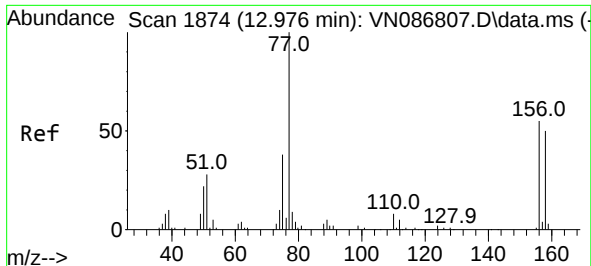
Tgt Ion: 83 Resp: 51741
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.0 15.0
 85 66.5 32.6 97.7



#72
 1,2,3-Trichloropropane
 Concen: 26.711 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN086814.D
 Acq: 29 May 2025 14:28

Tgt Ion: 75 Resp: 80775
 Ion Ratio Lower Upper
 75 100
 77 141.4 0.0 390.6

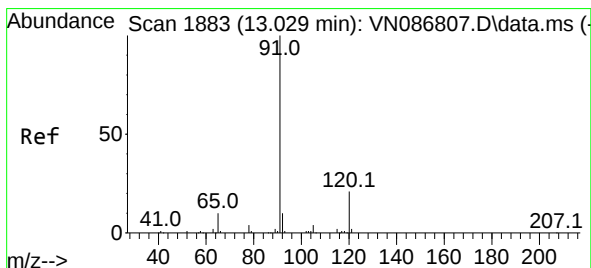
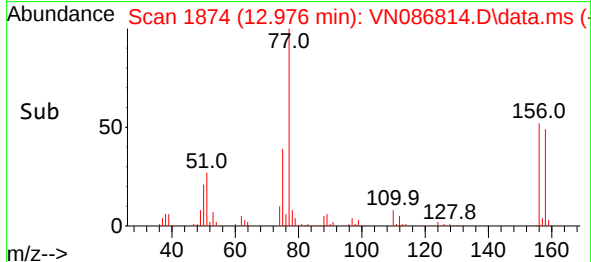
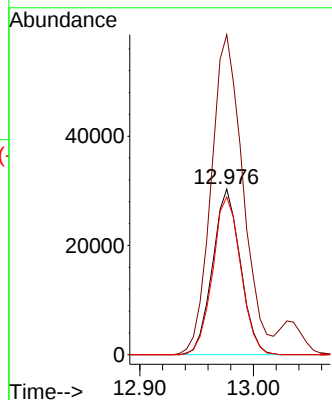
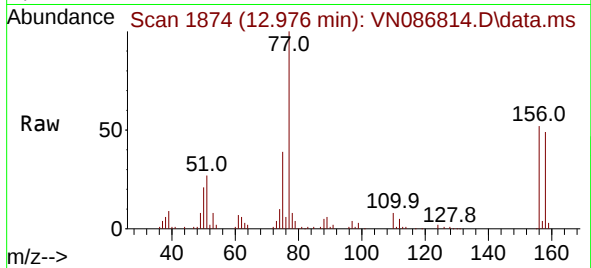




#73
Bromobenzene
Concen: 19.135 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

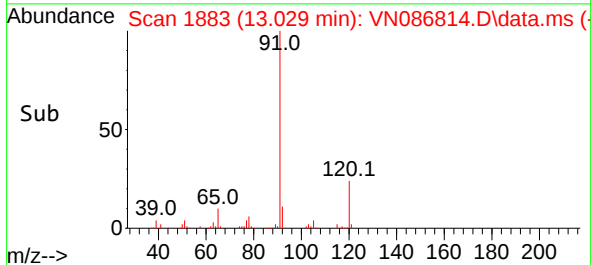
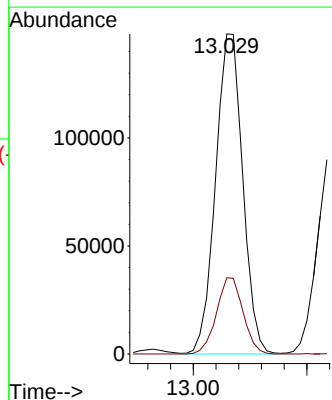
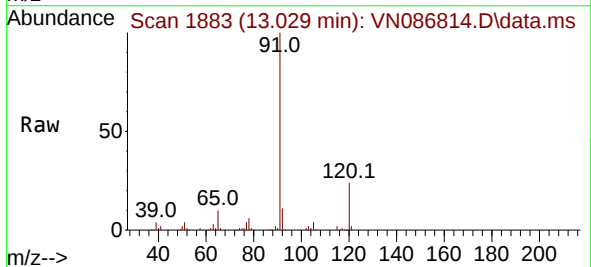
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

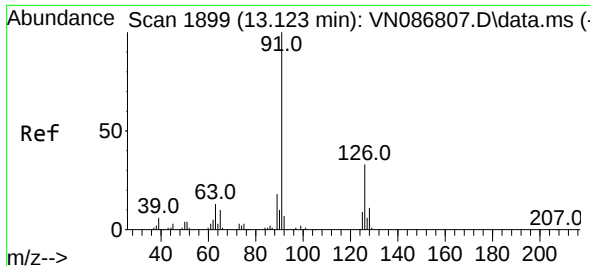
Tgt Ion:156 Resp: 51615
Ion Ratio Lower Upper
156 100
77 221.3 0.0 442.0
158 95.9 0.0 191.8



#74
n-propylbenzene
Concen: 19.128 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion: 91 Resp: 245885
Ion Ratio Lower Upper
91 100
120 23.2 0.0 45.6

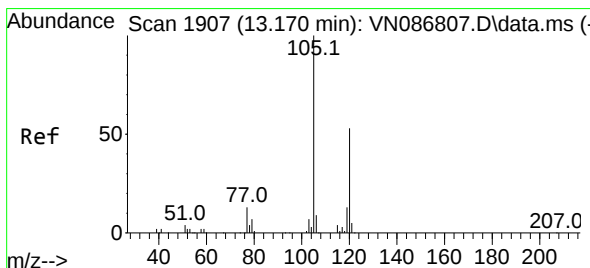
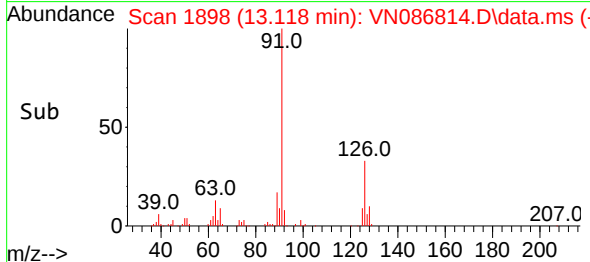
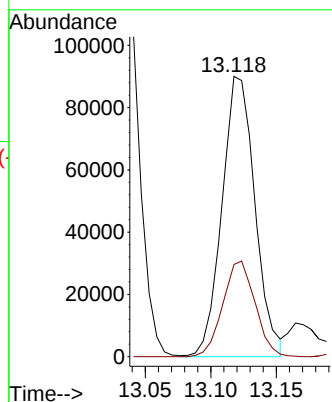
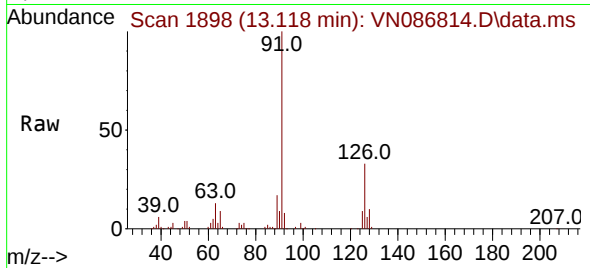




#75
2-Chlorotoluene
Concen: 19.114 ug/l
RT: 13.118 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

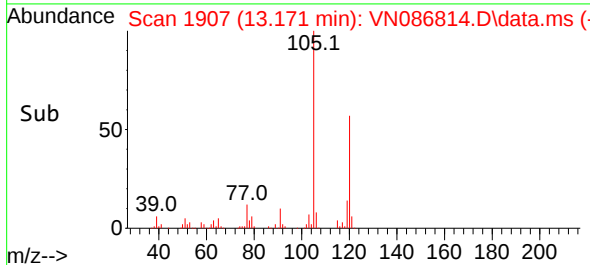
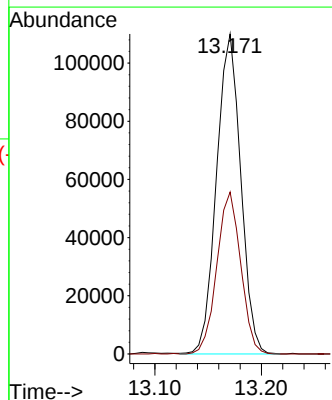
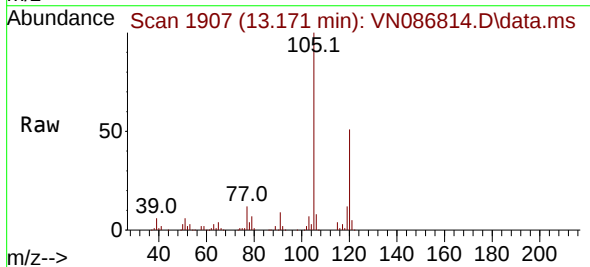
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MSVOA_N
ClientSampleId :
VN0529WBSD01

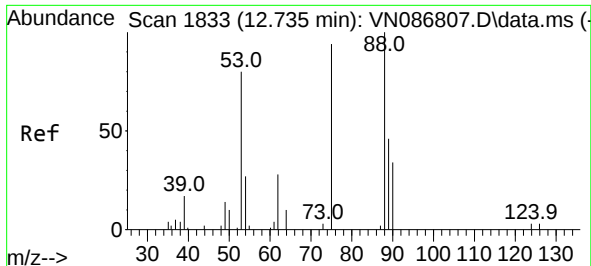
Tgt Ion: 91 Resp: 157706
Ion Ratio Lower Upper
91 100
126 33.3 0.0 64.4



#76
1,3,5-Trimethylbenzene
Concen: 19.227 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion: 105 Resp: 173580
Ion Ratio Lower Upper
105 100
120 49.8 0.0 101.4





#77

t-1,4-Dichloro-2-butene

Concen: 18.000 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN086814.D

Acq: 29 May 2025 14:28

Instrument :

MSVOA_N

ClientSampleId :

VN0529WBSD01

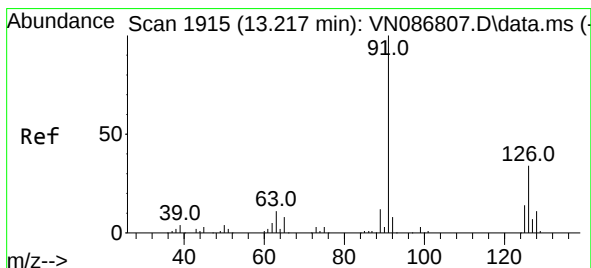
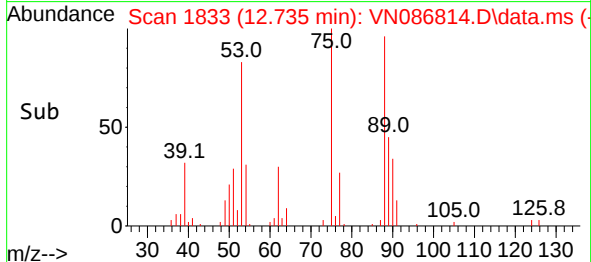
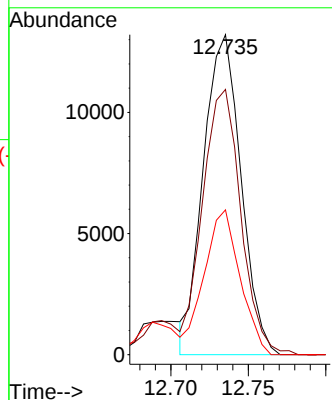
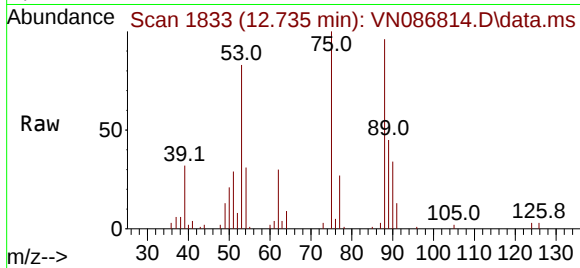
Tgt Ion: 75 Resp: 22275

Ion Ratio Lower Upper

75 100

53 81.7 43.0 128.8

89 45.2 25.4 76.2



#78

4-Chlorotoluene

Concen: 19.253 ug/l

RT: 13.218 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VN086814.D

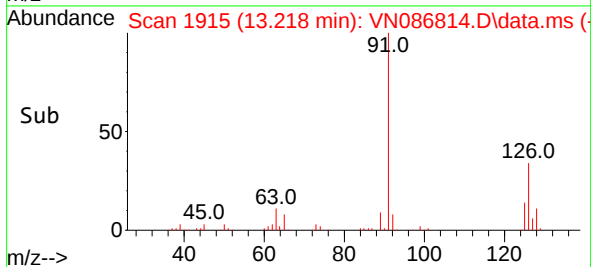
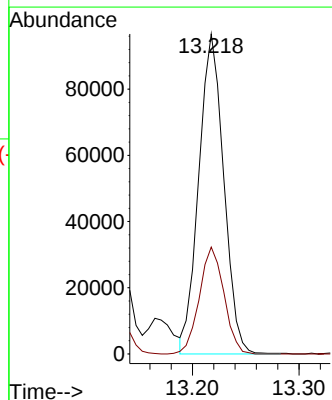
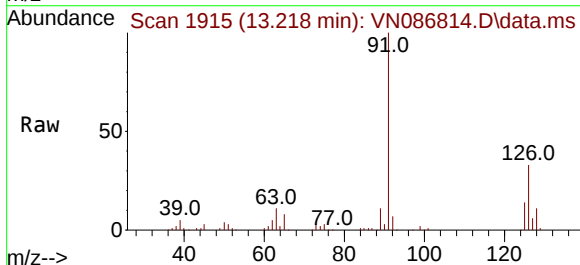
Acq: 29 May 2025 14:28

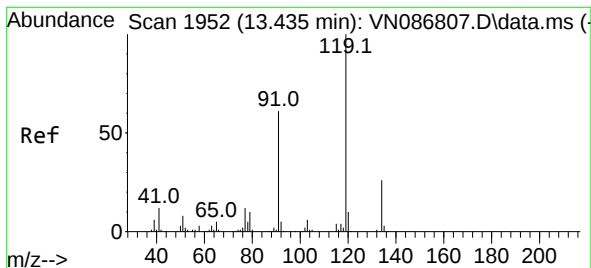
Tgt Ion: 91 Resp: 157358

Ion Ratio Lower Upper

91 100

126 32.9 0.0 66.6





#79

tert-butylbenzene

Concen: 19.020 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN086814.D

Acq: 29 May 2025 14:28

Instrument :

MSVOA_N

ClientSampleId :

VN0529WBSD01

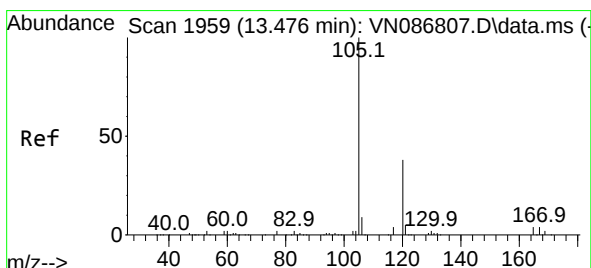
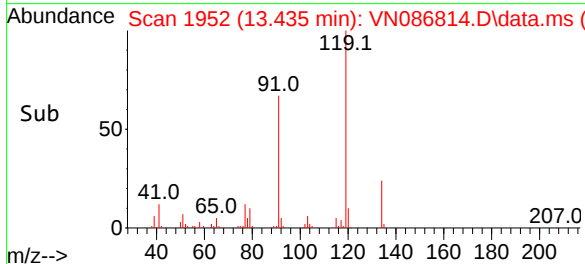
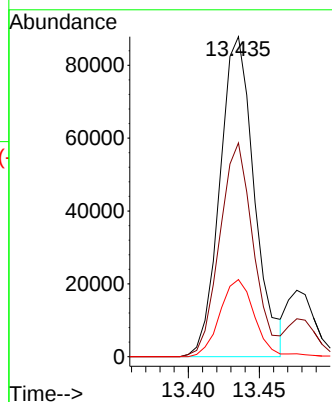
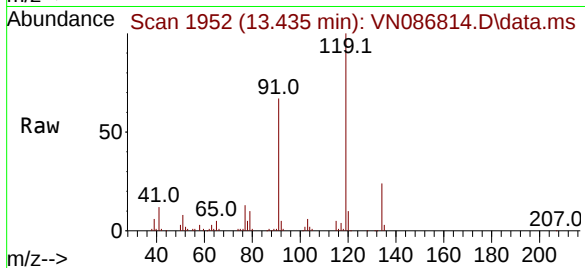
Tgt Ion:119 Resp: 148460

Ion Ratio Lower Upper

119 100

91 65.4 0.0 130.4

134 23.9 0.0 50.6



#80

1,2,4-Trimethylbenzene

Concen: 19.071 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VN086814.D

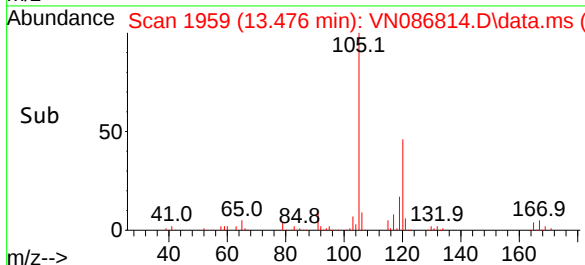
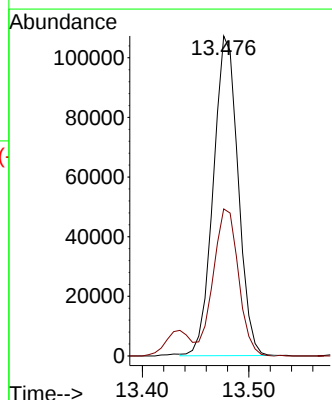
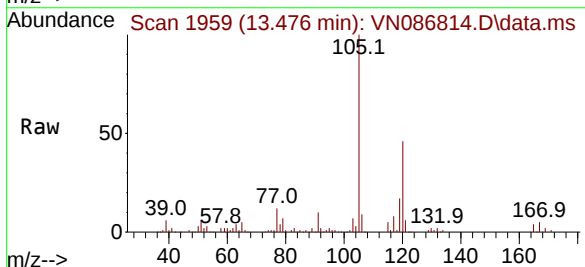
Acq: 29 May 2025 14:28

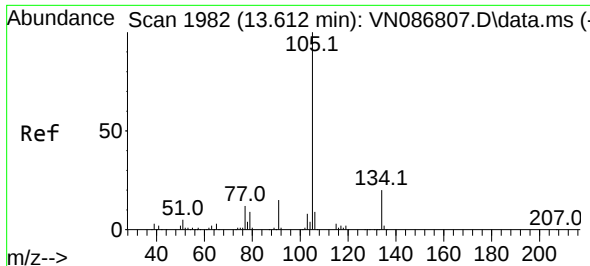
Tgt Ion:105 Resp: 172825

Ion Ratio Lower Upper

105 100

120 47.2 0.0 92.2

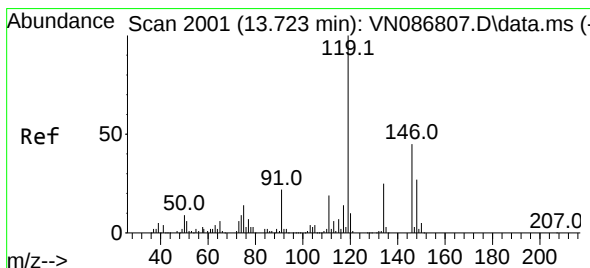
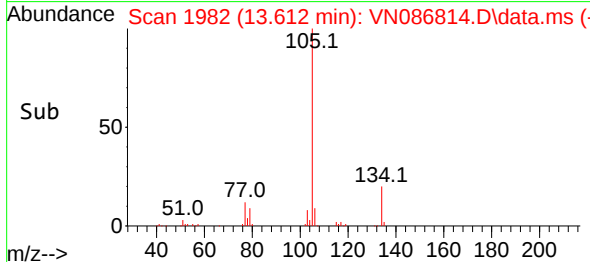
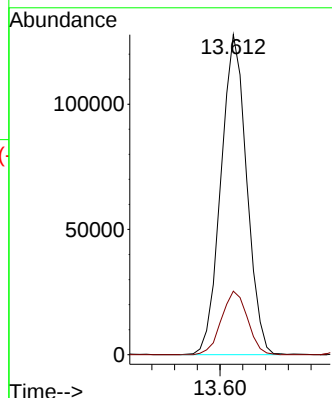
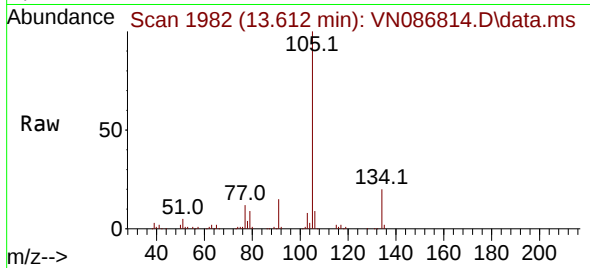




#81
 sec-Butylbenzene
 Concen: 18.932 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086814.D
 Acq: 29 May 2025 14:28

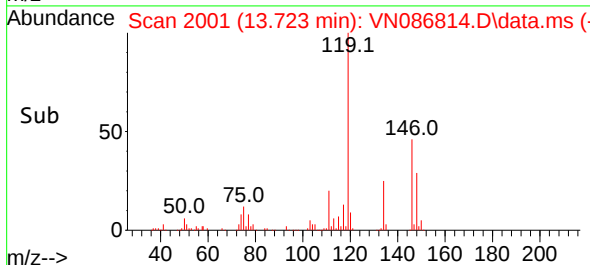
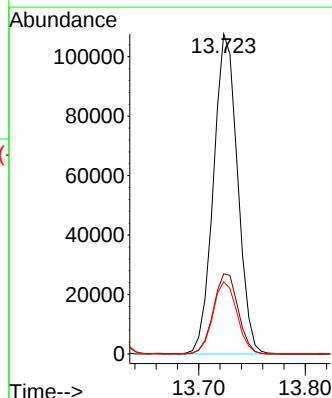
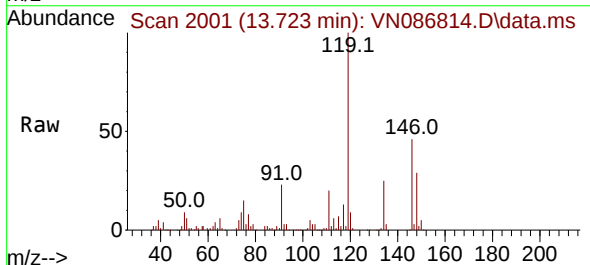
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529WBSD01

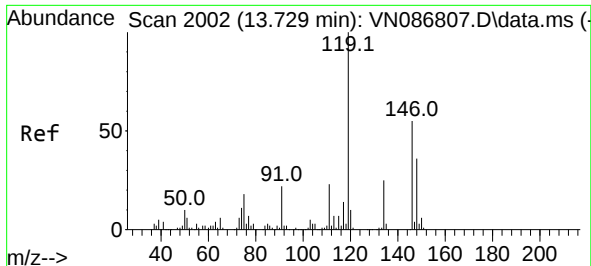
Tgt Ion:105 Resp: 201321
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 40.0



#82
 p-Isopropyltoluene
 Concen: 18.944 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086814.D
 Acq: 29 May 2025 14:28

Tgt Ion:119 Resp: 169153
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 51.8
 91 22.6 0.0 45.2

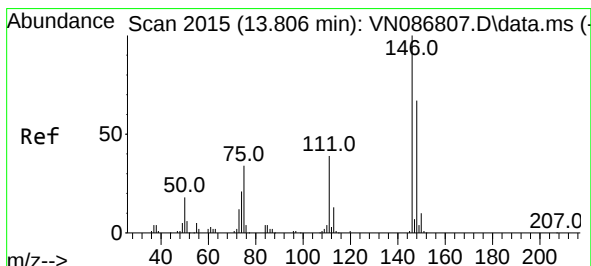
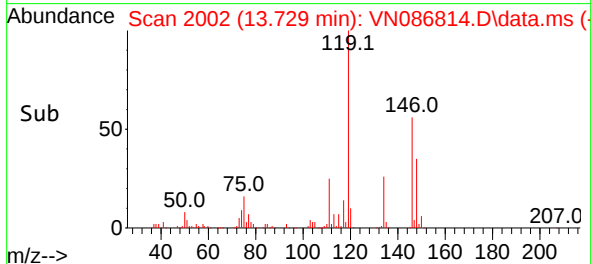
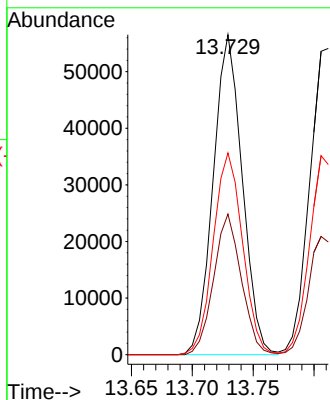
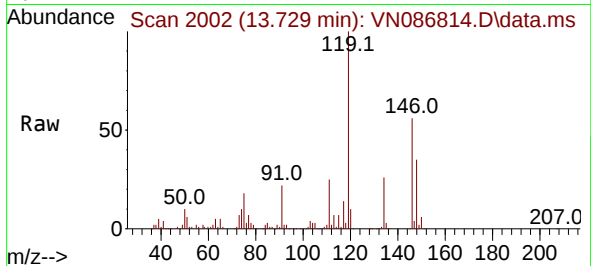




#83
1,3-Dichlorobenzene
Concen: 18.979 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

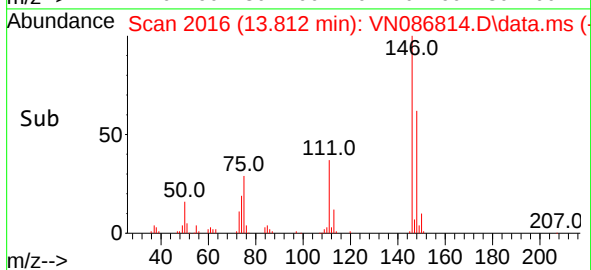
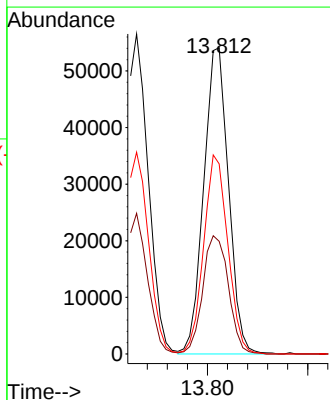
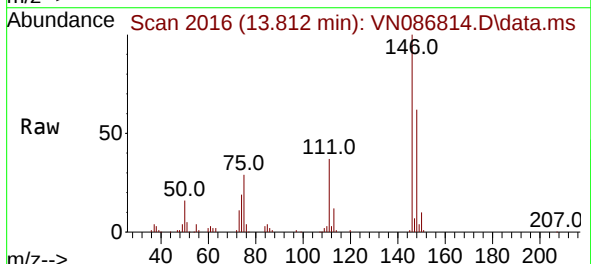
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

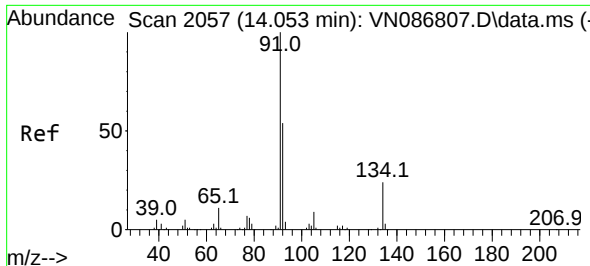
Tgt Ion:	146	Resp:	93914
Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.1	63.1
148	63.7	32.1	96.5



#84
1,4-Dichlorobenzene
Concen: 18.889 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion:	146	Resp:	93020
Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.8	59.4
148	63.4	31.9	95.5

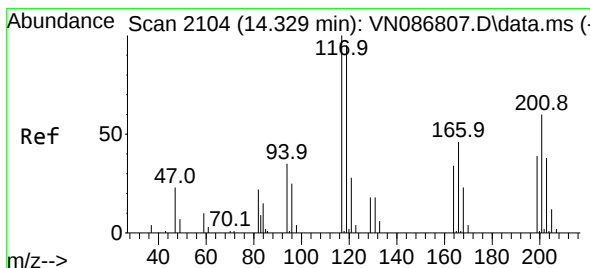
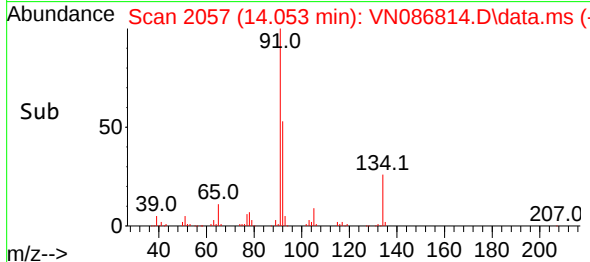
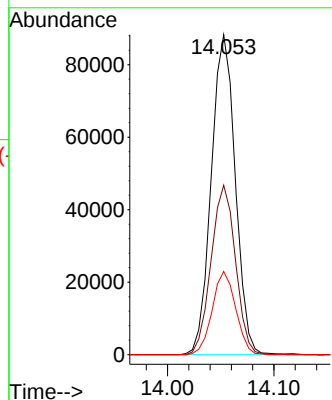
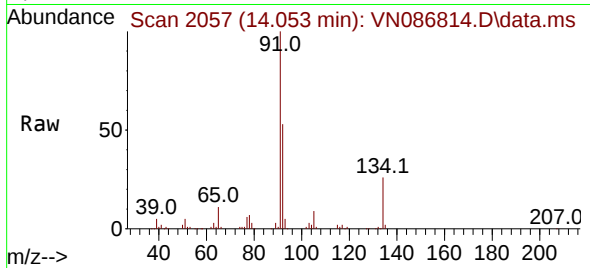




#85
n-Butylbenzene
Concen: 18.473 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

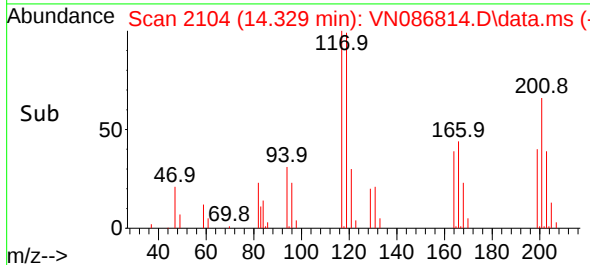
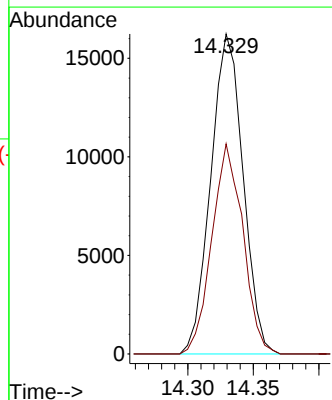
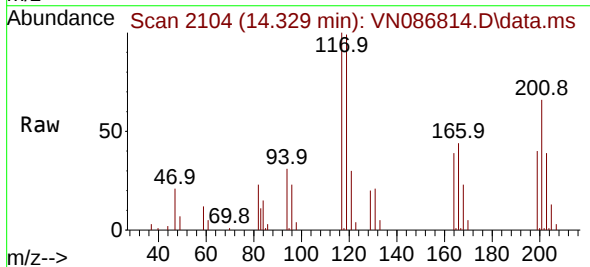
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

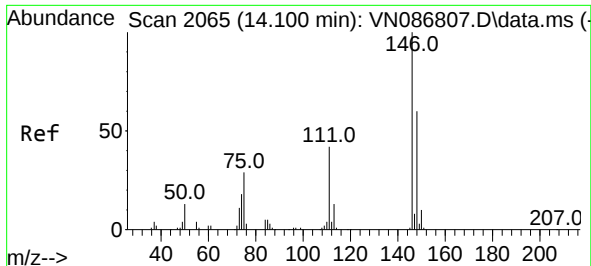
Tgt Ion: 91 Resp: 138092
Ion Ratio Lower Upper
91 100
92 53.7 0.0 107.6
134 25.4 0.0 50.0



#86
Hexachloroethane
Concen: 18.287 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion: 117 Resp: 27829
Ion Ratio Lower Upper
117 100
201 63.0 31.4 94.3

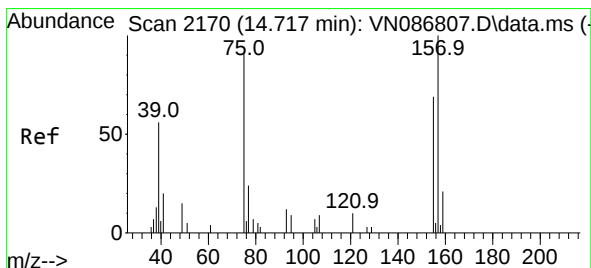
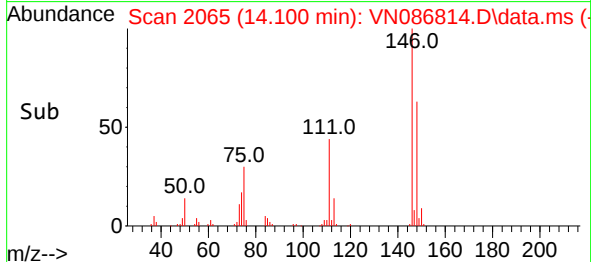
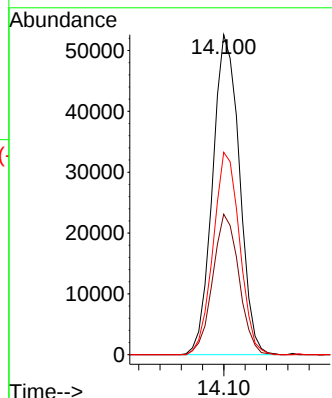
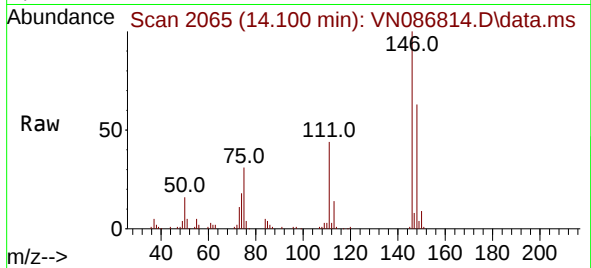




#87
1,2-Dichlorobenzene
Concen: 19.277 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

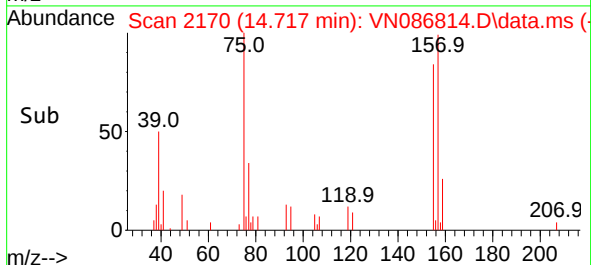
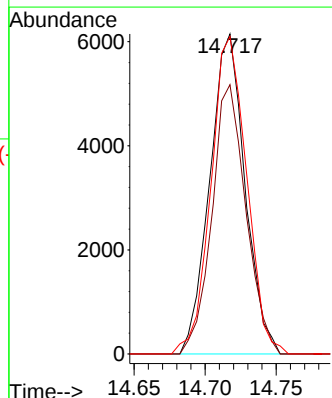
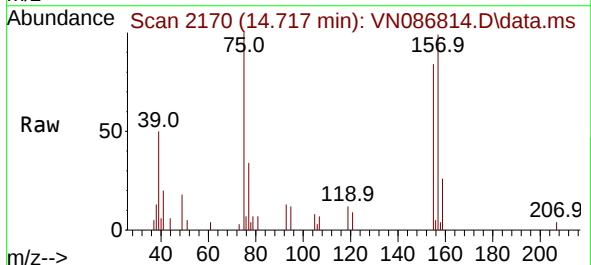
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

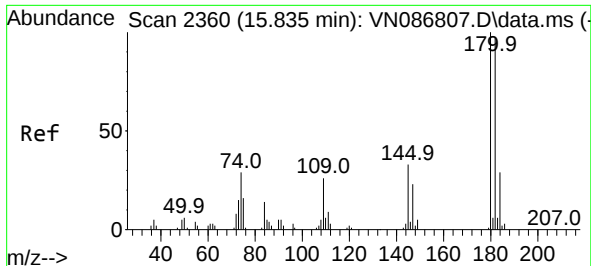
Tgt Ion:146 Resp: 92020
Ion Ratio Lower Upper
146 100
111 42.9 21.6 64.8
148 62.3 31.6 94.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.520 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion: 75 Resp: 10606
Ion Ratio Lower Upper
75 100
155 81.3 62.9 94.3
157 100.2 84.0 126.0

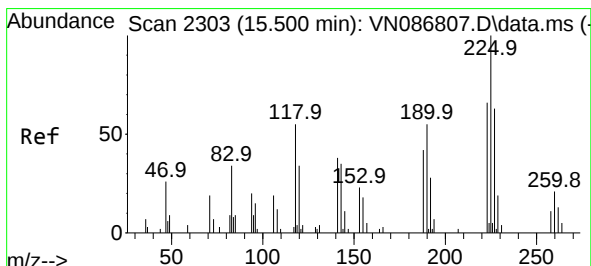
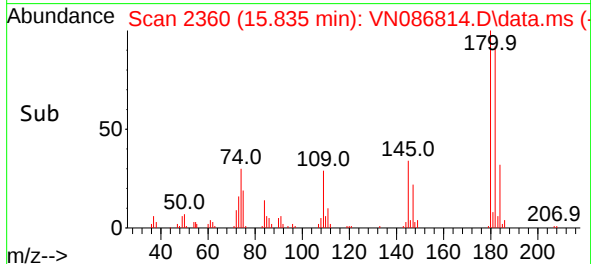
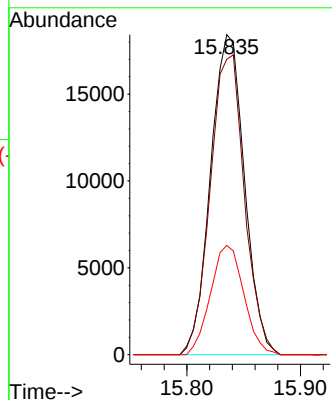
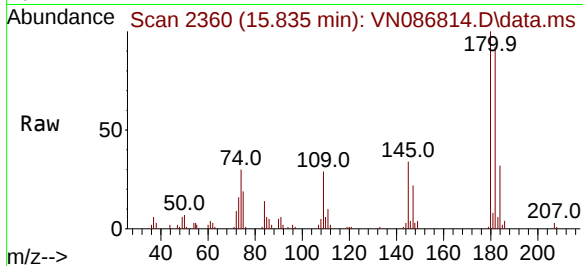




#89
1,2,4-Trichlorobenzene
Concen: 19.087 ug/l
RT: 15.835 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

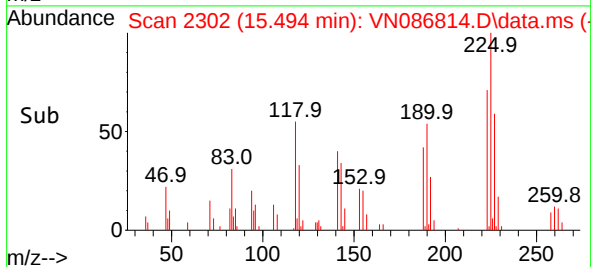
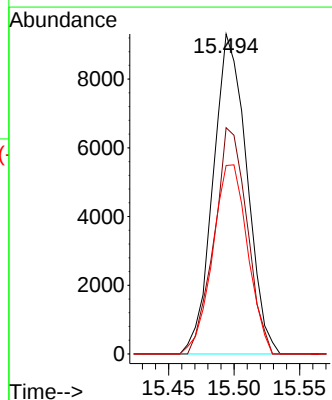
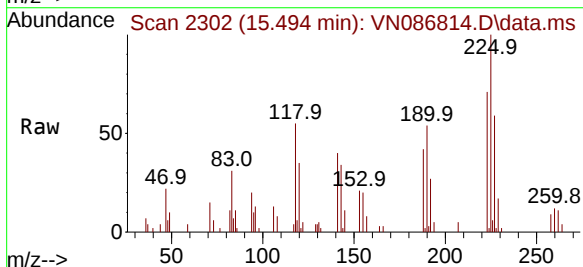
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

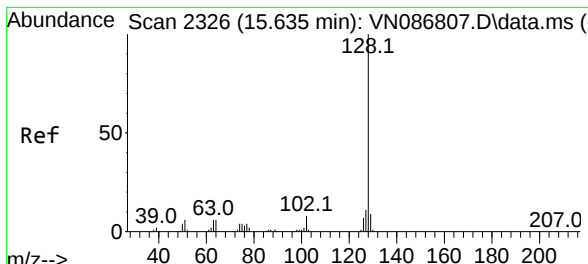
Tgt Ion:180 Resp: 38131
Ion Ratio Lower Upper
180 100
182 94.7 78.2 117.2
145 33.6 28.0 42.0



#90
Hexachlorobutadiene
Concen: 19.414 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion:225 Resp: 16623
Ion Ratio Lower Upper
225 100
223 68.9 0.0 135.8
227 61.4 0.0 125.0

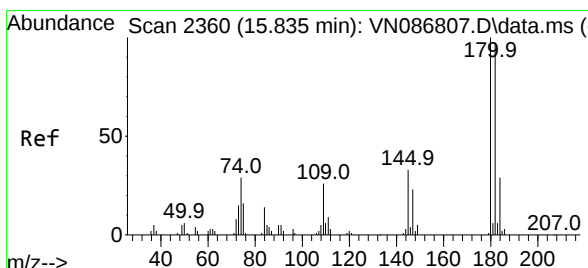
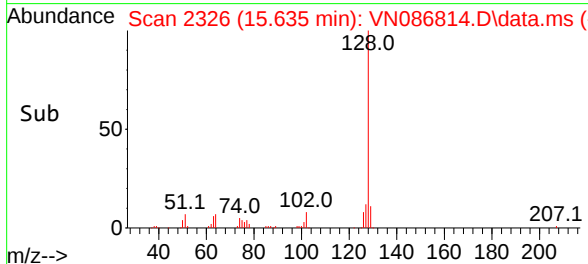
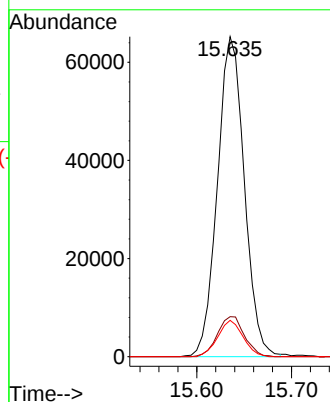
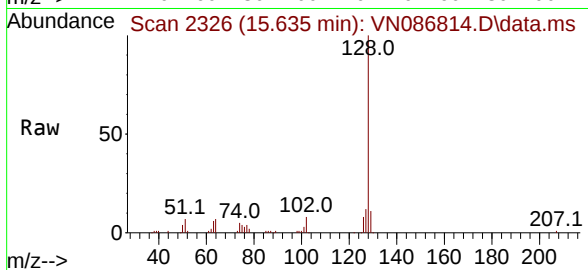




#91
Naphthalene
Concen: 18.486 ug/l
RT: 15.635 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBSD01

Tgt Ion:	128	Resp:	128849
Ion Ratio	Lower	Upper	
128	100		
127	12.6	9.8	14.6
129	10.6	8.6	13.0



#92
1,2,3-Trichlorobenzene
Concen: 19.087 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086814.D
Acq: 29 May 2025 14:28

Tgt Ion:	180	Resp:	38131
Ion Ratio	Lower	Upper	
180	100		
182	94.7	0.0	195.4
145	33.6	0.0	70.0

