

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052325\
 Data File : VN086770.D
 Acq On : 23 May 2025 11:50
 Operator : JC\MD
 Sample : VN0523WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

Quant Time: May 24 02:31:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	237879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	417988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	365055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	171389	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	147158	44.769	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.540%
35) Dibromofluoromethane	8.159	113	124938	50.190	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.380%
50) Toluene-d8	10.565	98	504608	48.916	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.847	95	178744	49.073	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.140%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	48023	18.694	ug/l	98
3) Chloromethane	2.360	50	62996	16.213	ug/l	97
4) Vinyl Chloride	2.518	62	57662	16.524	ug/l	99
5) Bromomethane	2.960	94	34864	17.331	ug/l	98
6) Chloroethane	3.118	64	37992	16.620	ug/l	97
7) Trichlorofluoromethane	3.501	101	76004	18.225	ug/l	98
8) Diethyl Ether	3.959	74	33853	19.650	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	47727	19.117	ug/l	95
10) Methyl Iodide	4.589	142	55614	17.908	ug/l	97
11) Tert butyl alcohol	5.518	59	49011	81.869	ug/l	100
12) 1,1-Dichloroethene	4.342	96	47974	18.081	ug/l	95
13) Acrolein	4.177	56	71861	112.287	ug/l	98
14) Allyl chloride	5.018	41	65780	16.380	ug/l	93
15) Acrylonitrile	5.712	53	130184	87.828	ug/l	99
16) Acetone	4.424	43	93182	75.784	ug/l	95
17) Carbon Disulfide	4.712	76	126318	17.196	ug/l	98
18) Methyl Acetate	5.018	43	55664	16.175	ug/l	95
19) Methyl tert-butyl Ether	5.795	73	172926	19.141	ug/l	97
20) Methylene Chloride	5.271	84	57012	17.571	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	52669	18.775	ug/l	97
22) Diisopropyl ether	6.665	45	161153	17.787	ug/l	97
23) Vinyl Acetate	6.600	43	577773	84.851	ug/l	97
24) 1,1-Dichloroethane	6.565	63	93443	17.567	ug/l	97
25) 2-Butanone	7.477	43	155855	82.027	ug/l	96
26) 2,2-Dichloropropane	7.483	77	80609	18.363	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	64974	18.870	ug/l	95
28) Bromochloromethane	7.806	49	48128	19.914	ug/l	85
29) Tetrahydrofuran	7.836	42	105108	84.752	ug/l	96
30) Chloroform	7.965	83	96074	18.045	ug/l	97
31) Cyclohexane	8.253	56	81967	16.615	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	80886	18.019	ug/l	99
36) 1,1-Dichloropropene	8.371	75	68829	18.745	ug/l	98
37) Ethyl Acetate	7.553	43	62901	16.959	ug/l	99
38) Carbon Tetrachloride	8.359	117	68718	18.994	ug/l	100
39) Methylcyclohexane	9.600	83	76222	19.180	ug/l	96
40) Benzene	8.600	78	224807	18.768	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	34371	17.163	ug/l	96
42) 1,2-Dichloroethane	8.665	62	67530	18.096	ug/l	97
43) Isopropyl Acetate	8.683	43	115914	15.589	ug/l	96
44) Trichloroethene	9.347	130	58616	20.289	ug/l	92
45) 1,2-Dichloropropane	9.618	63	54242	19.063	ug/l	98
46) Dibromomethane	9.706	93	36663	19.095	ug/l	96
47) Bromodichloromethane	9.883	83	76183	19.257	ug/l	100
48) Methyl methacrylate	9.677	41	49817	17.290	ug/l	94
49) 1,4-Dioxane	9.689	88	22134	362.791	ug/l #	93
51) 4-Methyl-2-Pentanone	10.441	43	318153	84.848	ug/l	95
52) Toluene	10.624	92	142562	19.150	ug/l	99
53) t-1,3-Dichloropropene	10.830	75	82366	19.665	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	90002	19.684	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	53332	19.204	ug/l	96
56) Ethyl methacrylate	10.871	69	85095	19.084	ug/l	94
57) 1,3-Dichloropropane	11.159	76	91120	19.046	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	192985	96.841	ug/l	97
59) 2-Hexanone	11.194	43	232005	84.728	ug/l	96
60) Dibromochloromethane	11.353	129	59240	20.355	ug/l	97
61) 1,2-Dibromoethane	11.465	107	54124	19.395	ug/l	99
64) Tetrachloroethene	11.100	164	60036	21.468	ug/l	98
65) Chlorobenzene	11.888	112	156701	19.575	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	53053	20.530	ug/l	98
67) Ethyl Benzene	11.959	91	261725	19.088	ug/l	96
68) m/p-Xylenes	12.071	106	209295	40.301	ug/l	96
69) o-Xylene	12.394	106	101857	19.728	ug/l	100
70) Styrene	12.406	104	170464	20.166	ug/l	98
71) Bromoform	12.577	173	37839	20.589	ug/l #	96
73) Isopropylbenzene	12.694	105	238982	18.054	ug/l	99
74) N-amyl acetate	12.488	43	87953	15.903	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	69445	17.077	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	96844	24.985	ug/l	60
77) Bromobenzene	12.977	156	62722	18.837	ug/l	91
78) n-propylbenzene	13.029	91	271639	17.882	ug/l	99
79) 2-Chlorotoluene	13.124	91	176093	17.828	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	197345	18.608	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	28356	18.462	ug/l	90
82) 4-Chlorotoluene	13.218	91	177589	18.148	ug/l	99
83) tert-Butylbenzene	13.435	119	169350	18.311	ug/l	99
84) 1,2,4-Trimethylbenzene	13.477	105	201301	19.061	ug/l	99
85) sec-Butylbenzene	13.612	105	233970	18.867	ug/l	99
86) p-Isopropyltoluene	13.724	119	198072	19.486	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	111537	19.344	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	112252	19.649	ug/l	100
89) n-Butylbenzene	14.053	91	162006	19.225	ug/l	99
90) Hexachloroethane	14.329	117	30205	17.909	ug/l	92
91) 1,2-Dichlorobenzene	14.100	146	107977	19.688	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	12085	17.939	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	50938	22.004	ug/l	99
94) Hexachlorobutadiene	15.494	225	21422	22.304	ug/l	96
95) Naphthalene	15.635	128	169184	21.048	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	47835	21.100	ug/l	96

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

Abundance

TIC: VN086770.D\data.ms

Time-->

800000

750000

700000

650000

600000

550000

500000

450000

400000

350000

300000

250000

200000

150000

100000

50000

0

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

Dichlorodifluoromethane, T

Chloromethane, P

Vinyl Chloride, C

Bromomethane, T

Chloroethane, T

Trichlorofluoromethane, T

Diethyl Ether, T

Acrolein, T

Acetone, T

1,1,2-Trichloroethane, T

Methyl Iodide, T

Carbon Disulfide, T

Methyl acetate, T

Methylene Chloride, T

Methyl alcohol, T

Tert butyl alcohol, T

Acrylonitrile, T

Methyl 1,2-Dichloroethane, T

1,1-Dichloroethane, P

Disopropyl ether, T

Vinyl Acetate, T

Ethyl Acetate, T

Methacrylonitrile, T

Chloroform, C

2-Bromodichloropropane, T

1,1-Dichloroethane, T

Cyclohexane, T

1,2-Dichloroethane, T

1,2-Dichloropropane, T

1,2-Dichlorobenzene, T

1,2-Dichloroethane-d4, S

1,4-Difluorobenzene, I

Trichloroethene, TM

Dibromodichloromethane, T

Bromodichloromethane, T

dis-1,3-Dichloropropene, T

1,1,3-Trichloropropane, T

1,1,2-Trichloroethane, T

1,2-Dibromochloromethane, T

1,2-Dibromobenzene, T

Chlorobenzene, PM

Ethyl Benzene, T

Chlorobenzene-d5, I

m,p-Xylenes, T

N-amyl acetate, T

Bromofom, P

trans-1,4-Dichloro-2-butene, T

1,1,2,2-Tetrachloroethane, P

1,1,2,2-Tetrachloroethane, T

1,2,3-Trichlorobenzene, T

2-Chlorobutene, T

2-Chlorobutene, P, S

1,2,3-Trimethylbenzene, T

tert-Butylbenzene, T

sec-Butylbenzene, T

1,4-Dichlorobenzene, T

1,2-Dichlorobenzene, T

Hexachloroethane, T

1,2-Dibromo-3-Chloropropane, T

Hexachlorocyclopentadiene, I

1,2,4-Trichlorobenzene, T

Naphthalene, T

1,2,3-Trichlorobenzene, T

4-Methyl-2-Pentanol, T

Toluene, CM

2-Chloroethyl Vinyl ether, T

4-Methyl-2-Pentanol, T

1,4-Difluorobenzene, I

4-Bromofluorobenzene, S

Isopropylbenzene, T

1,2,3-Trichlorobenzene, T

2-Chlorobutene, T

1,2,3-Trimethylbenzene, T

tert-Butylbenzene, T

sec-Butylbenzene, T

1,4-Dichlorobenzene, T

1,2-Dichlorobenzene, T

Hexachloroethane, T

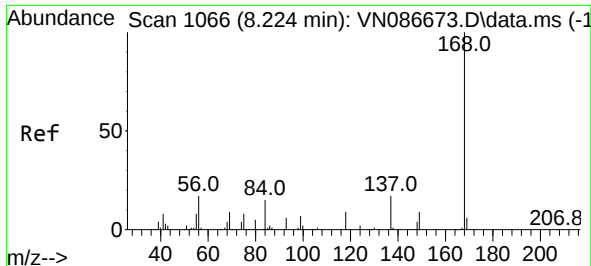
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Hexachlorocyclopentadiene, I

1,2,4-Trichlorobenzene, T

Naphthalene, T

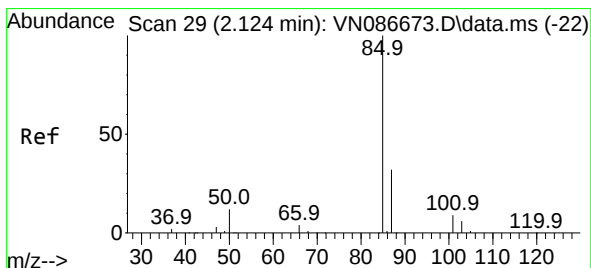
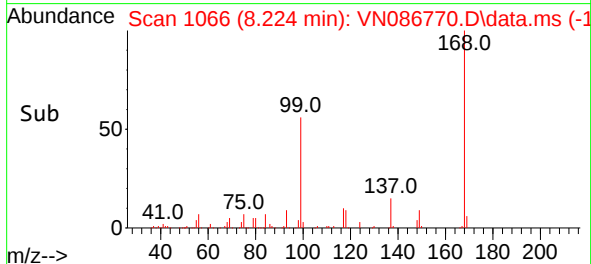
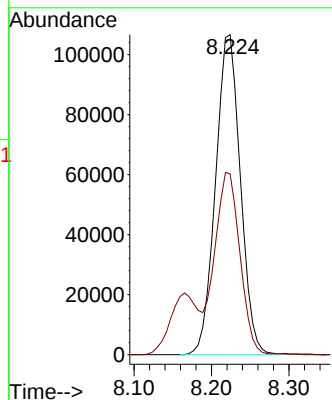
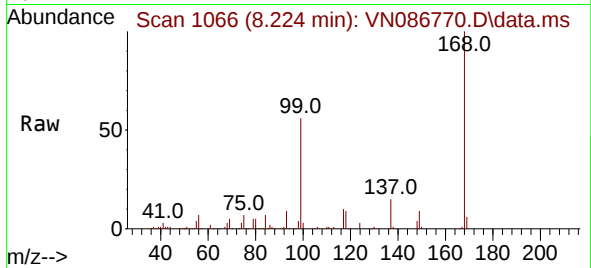
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086770.D
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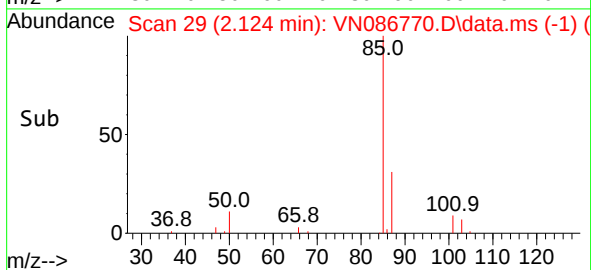
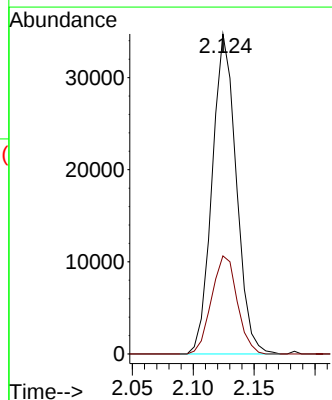
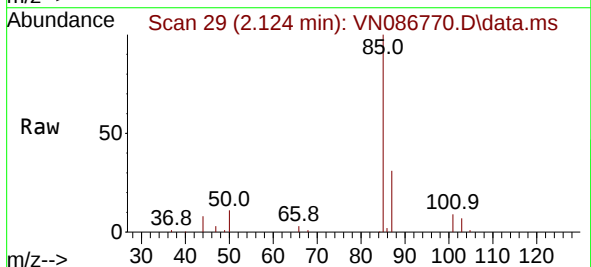
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

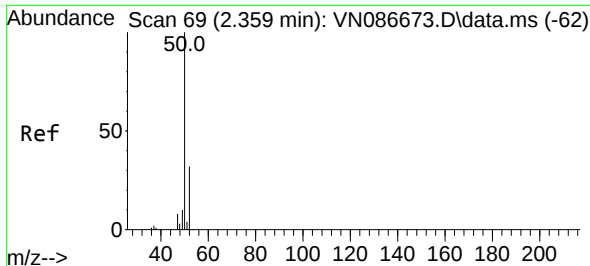
Tgt Ion:168 Resp: 237879
Ion Ratio Lower Upper
168 100
99 56.2 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 18.694 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion: 85 Resp: 48023
Ion Ratio Lower Upper
85 100
87 30.7 15.9 47.6

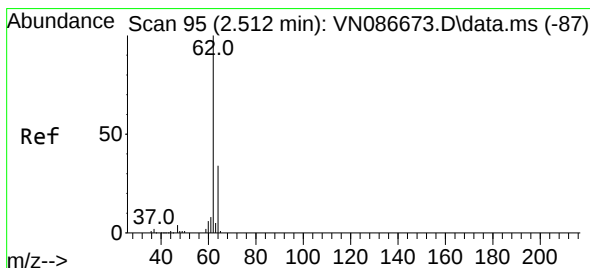
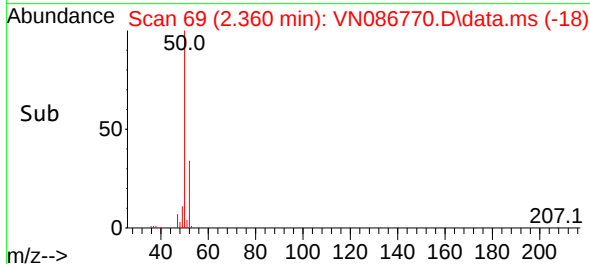
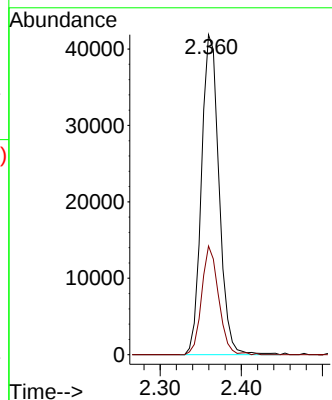
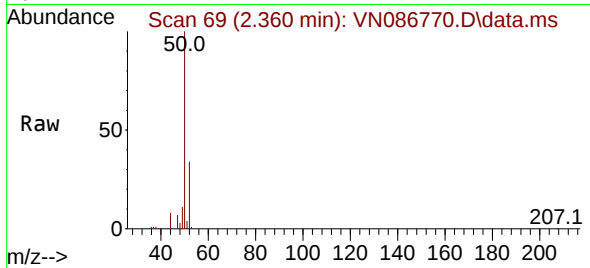




#3
Chloromethane
Concen: 16.213 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

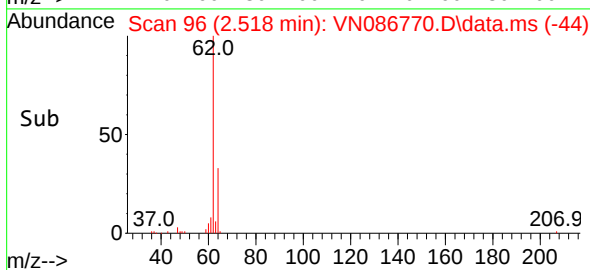
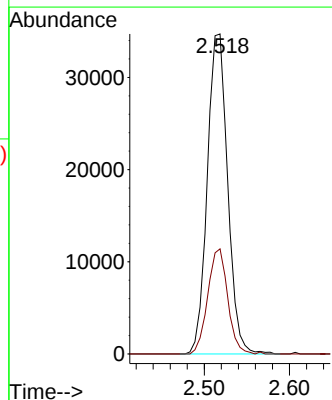
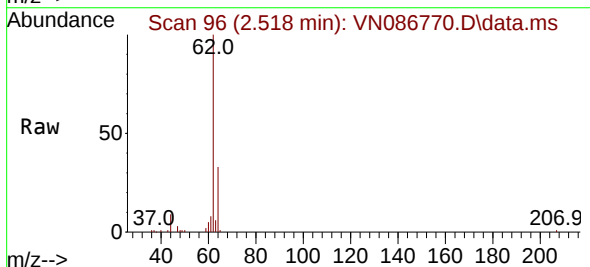
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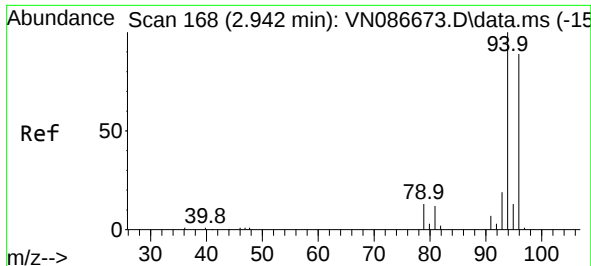
Tgt Ion: 50 Resp: 62996
Ion Ratio Lower Upper
50 100
52 34.0 25.9 38.9



#4
Vinyl Chloride
Concen: 16.524 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion: 62 Resp: 57662
Ion Ratio Lower Upper
62 100
64 32.9 26.9 40.3

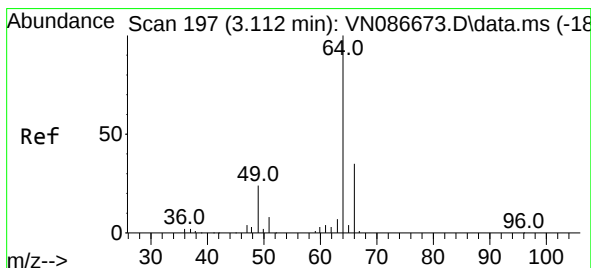
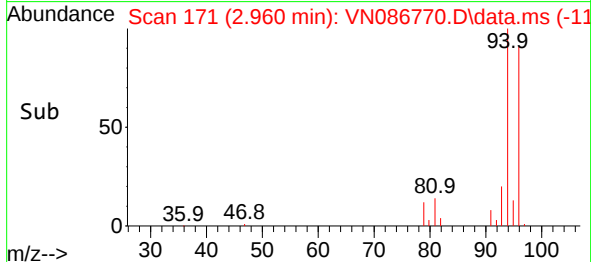
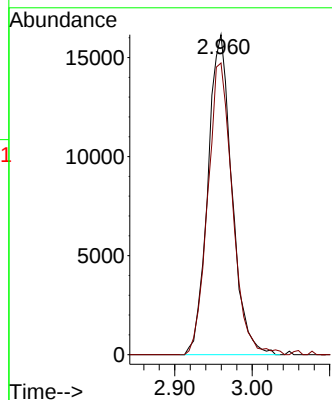
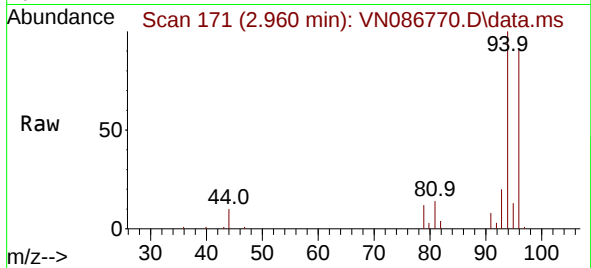




#5
Bromomethane
Concen: 17.331 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

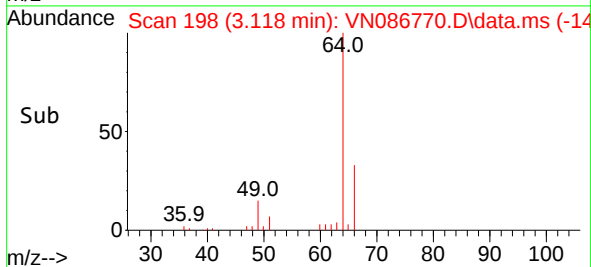
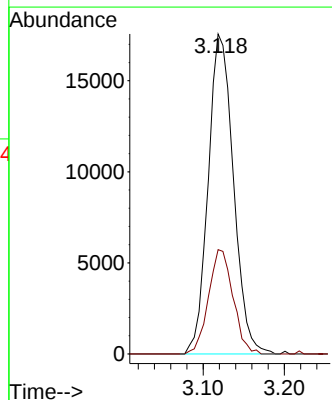
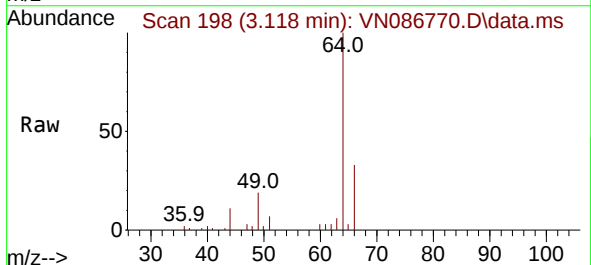
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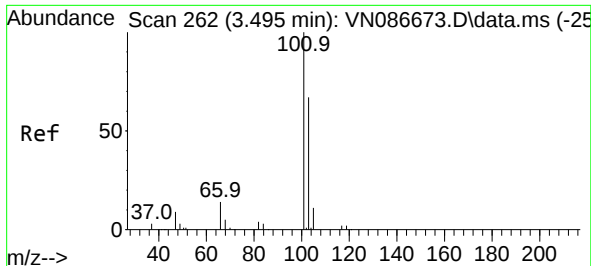
Tgt Ion: 94 Resp: 34864
Ion Ratio Lower Upper
94 100
96 91.1 71.2 106.8



#6
Chloroethane
Concen: 16.620 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
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Tgt Ion: 64 Resp: 37992
Ion Ratio Lower Upper
64 100
66 32.6 27.7 41.5

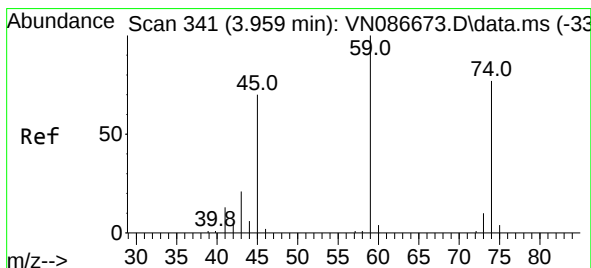
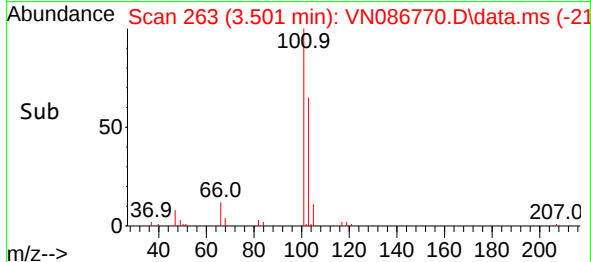
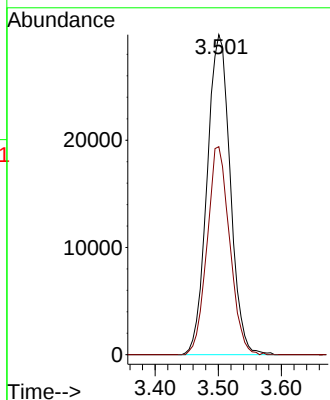
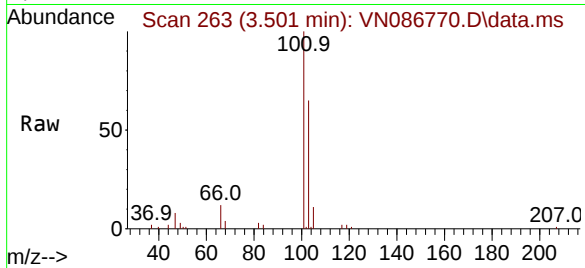




#7
 Trichlorofluoromethane
 Concen: 18.225 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN086770.D
 Acq: 23 May 2025 11:50

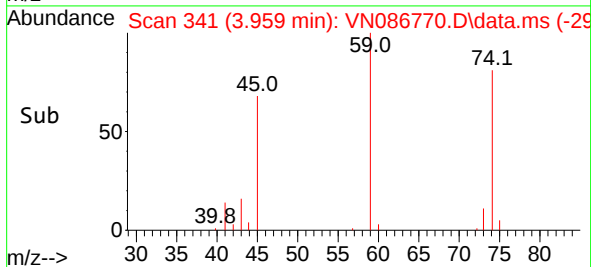
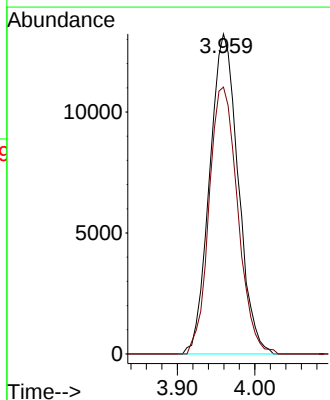
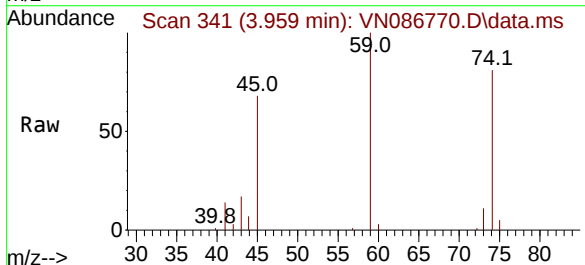
Instrument :
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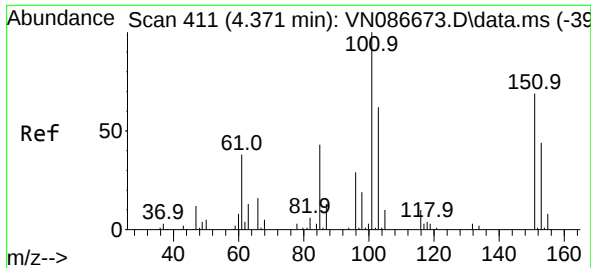
Tgt Ion:101 Resp: 76004
 Ion Ratio Lower Upper
 101 100
 103 65.0 53.4 80.0



#8
 Diethyl Ether
 Concen: 19.650 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086770.D
 Acq: 23 May 2025 11:50

Tgt Ion: 74 Resp: 33853
 Ion Ratio Lower Upper
 74 100
 45 83.6 45.0 135.0

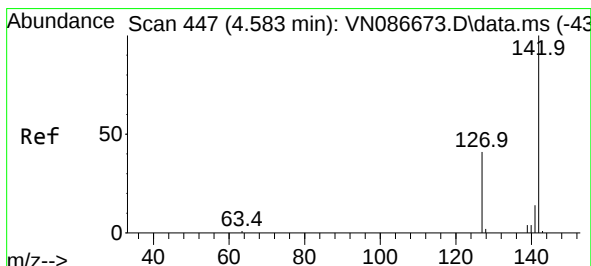
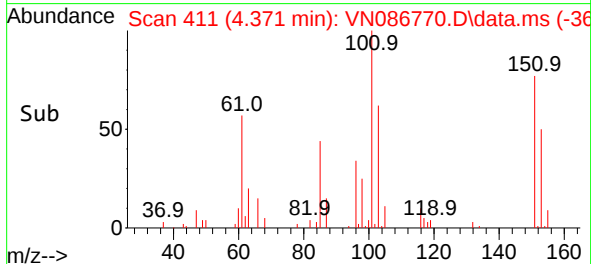
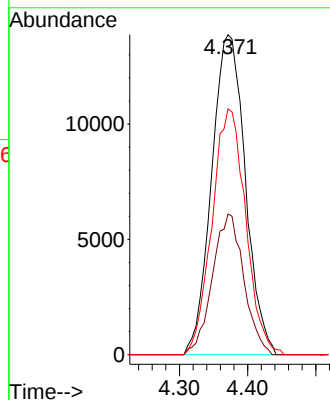
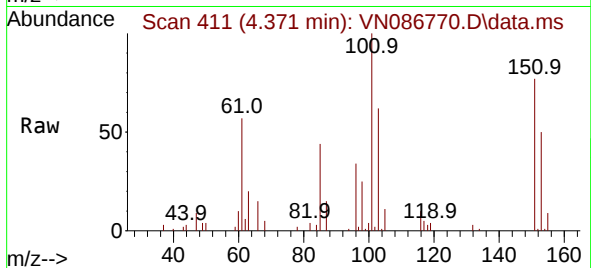




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.117 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

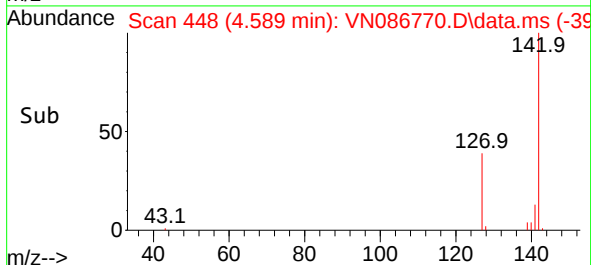
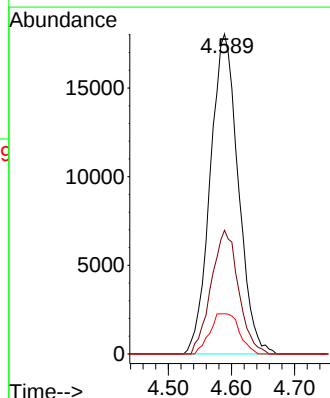
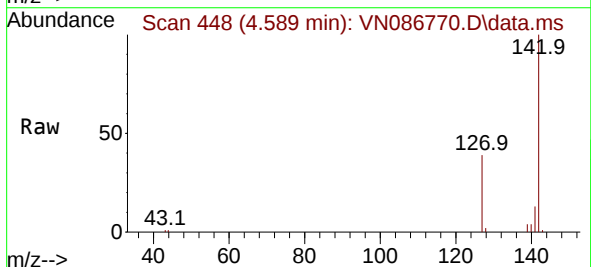
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

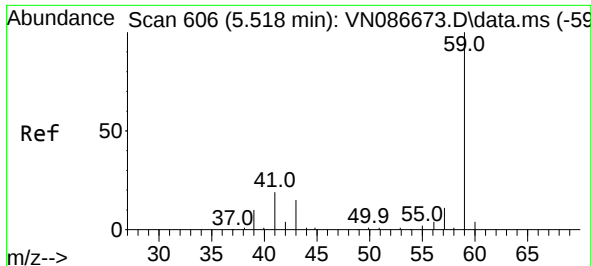
Tgt Ion:101 Resp: 47727
Ion Ratio Lower Upper
101 100
85 40.9 35.0 52.6
151 76.7 58.1 87.1



#10
Methyl Iodide
Concen: 17.908 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion:142 Resp: 55614
Ion Ratio Lower Upper
142 100
127 38.7 32.4 48.6
141 12.6 11.4 17.2

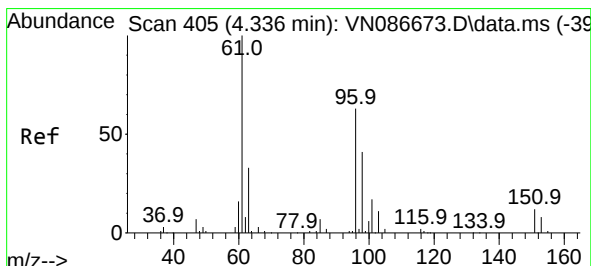
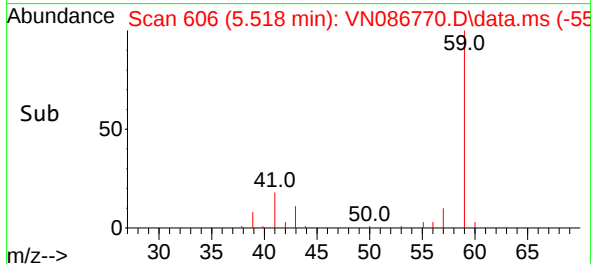
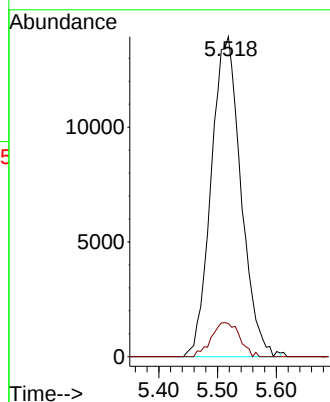
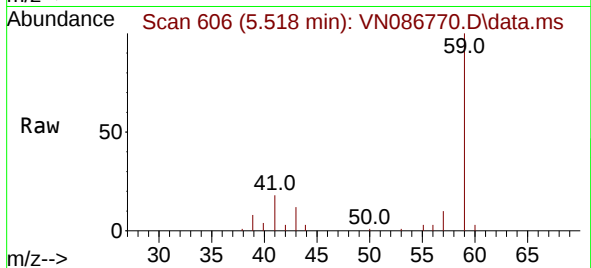




#11
Tert butyl alcohol
Concen: 81.869 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

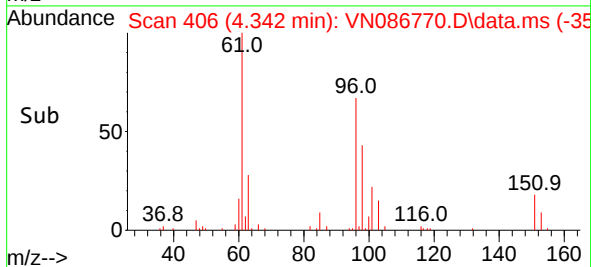
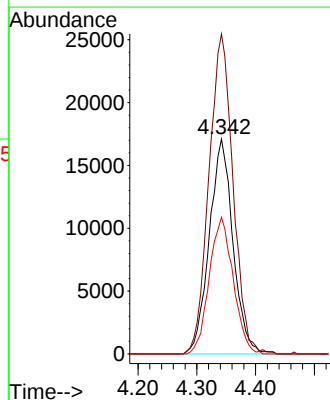
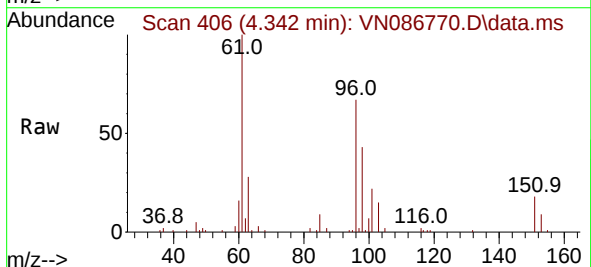
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

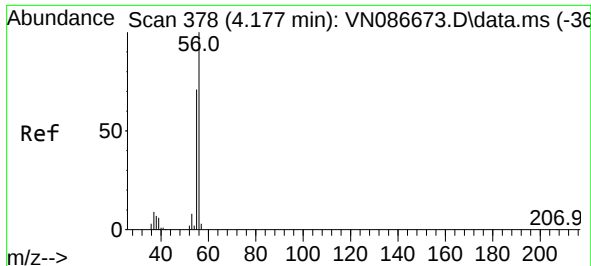
Tgt Ion: 59 Resp: 49011
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.081 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

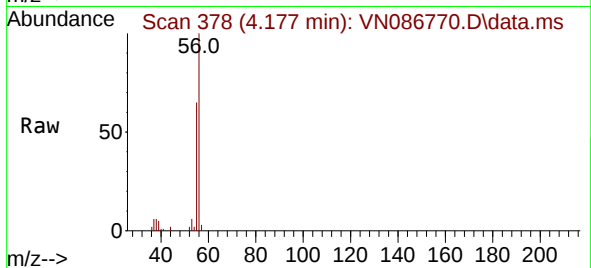
Tgt Ion: 96 Resp: 47974
Ion Ratio Lower Upper
96 100
61 148.9 126.2 189.2
98 63.6 51.5 77.3



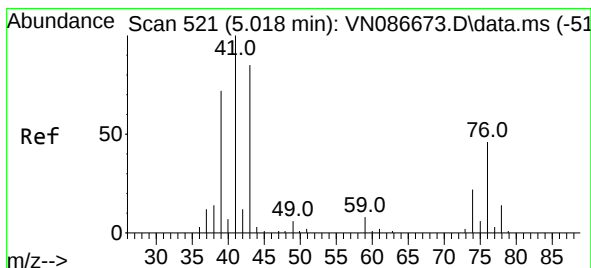
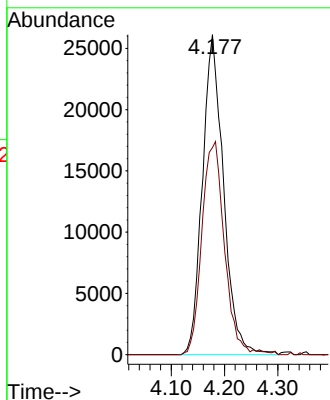
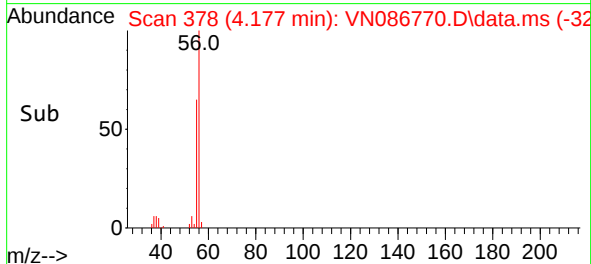


#13
Acrolein
Concen: 112.287 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

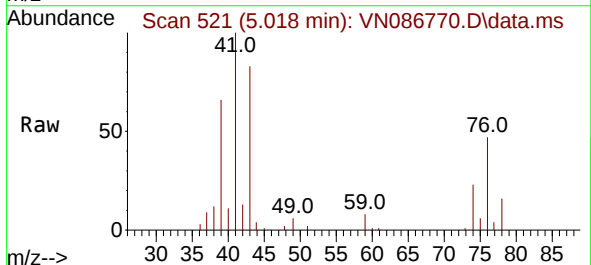
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



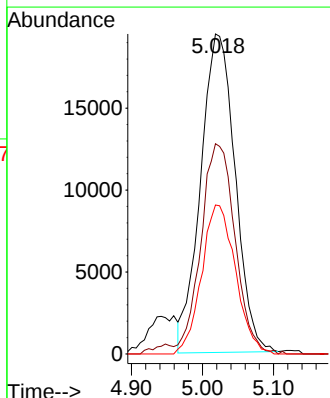
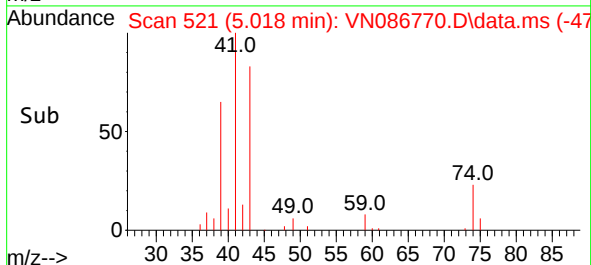
Tgt Ion: 56 Resp: 71861
Ion Ratio Lower Upper
56 100
55 71.2 55.7 83.5

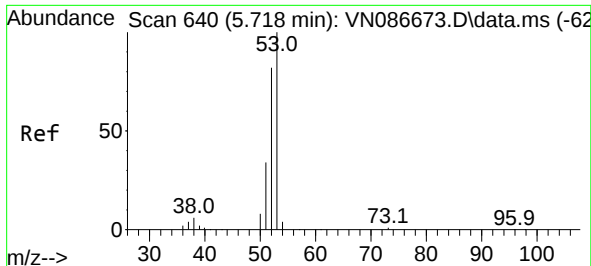


#14
Allyl chloride
Concen: 16.380 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50



Tgt Ion: 41 Resp: 65780
Ion Ratio Lower Upper
41 100
39 65.3 57.4 86.0
76 45.8 33.2 49.8

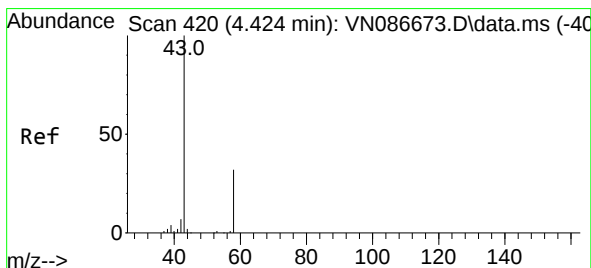
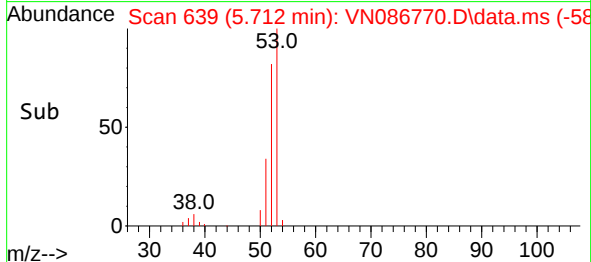
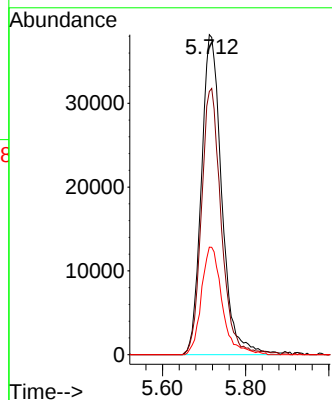
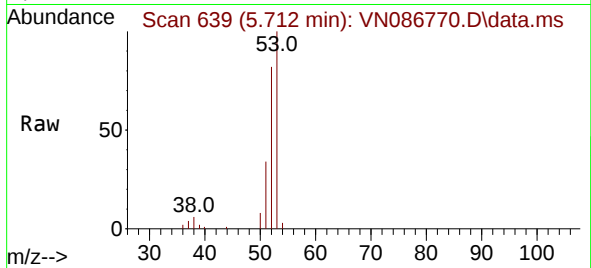




#15
Acrylonitrile
Concen: 87.828 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

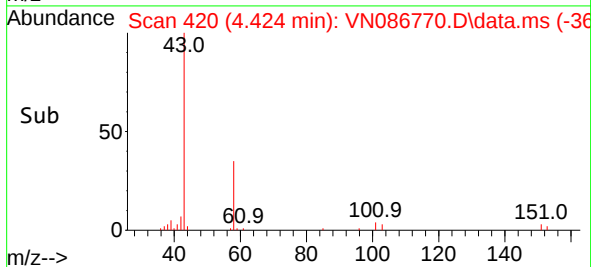
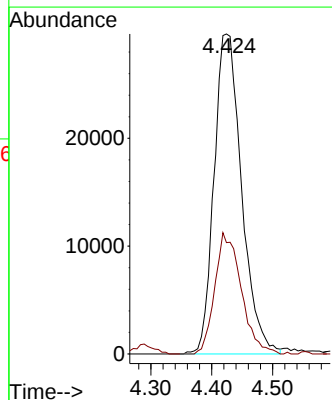
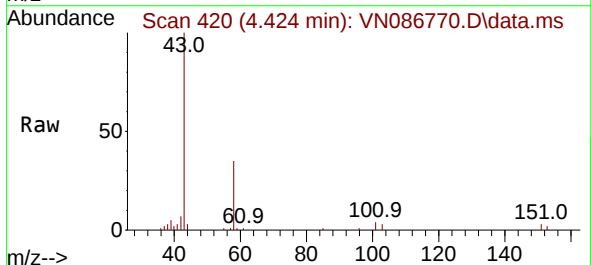
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

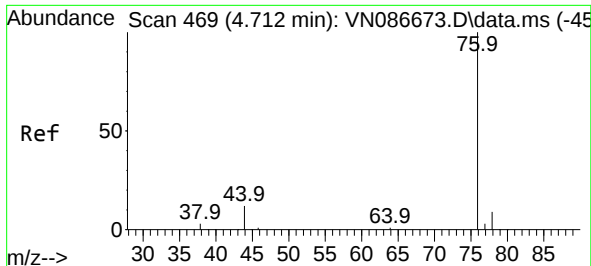
Tgt Ion: 53 Resp: 130184
Ion Ratio Lower Upper
53 100
52 80.9 65.4 98.2
51 34.3 27.9 41.9



#16
Acetone
Concen: 75.784 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion: 43 Resp: 93182
Ion Ratio Lower Upper
43 100
58 34.8 25.8 38.6

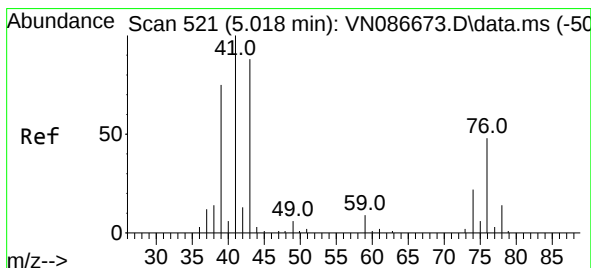
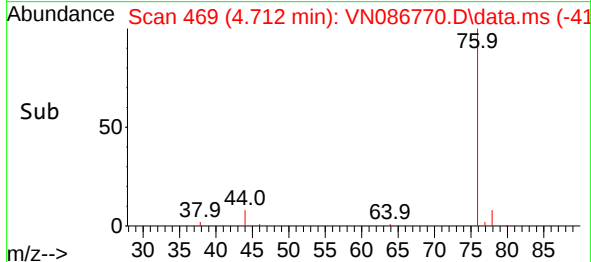
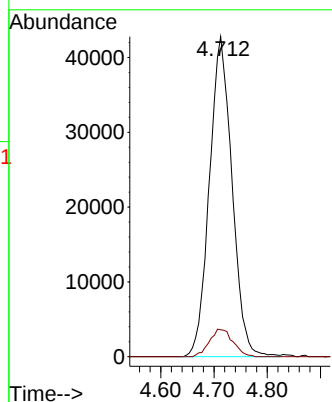
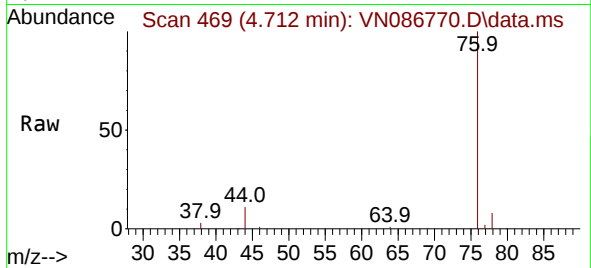




#17
Carbon Disulfide
Concen: 17.196 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

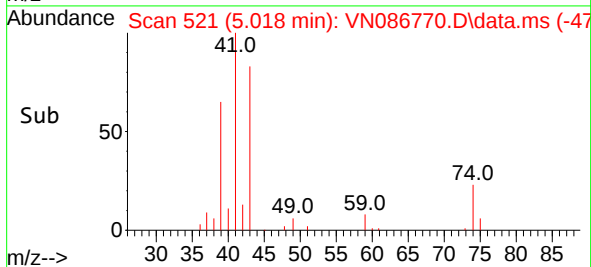
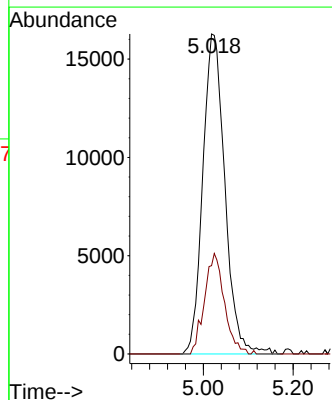
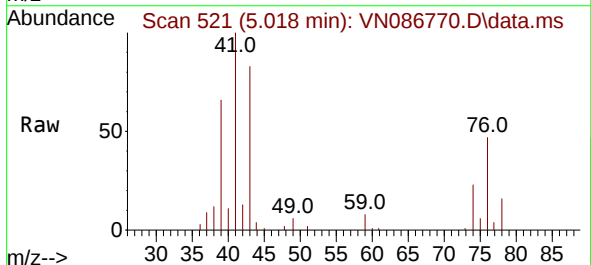
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

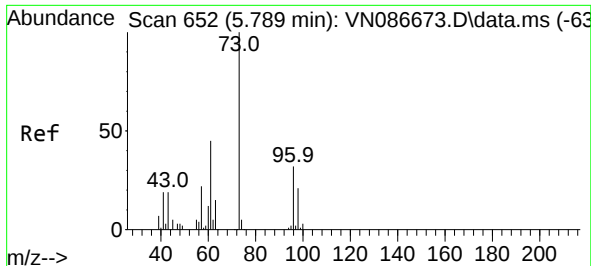
Tgt Ion: 76 Resp: 126318
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9



#18
Methyl Acetate
Concen: 16.175 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion: 43 Resp: 55664
Ion Ratio Lower Upper
43 100
74 28.1 20.5 30.7

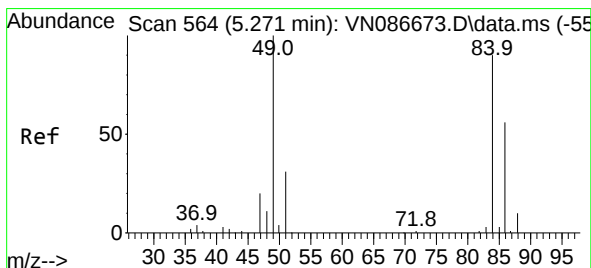
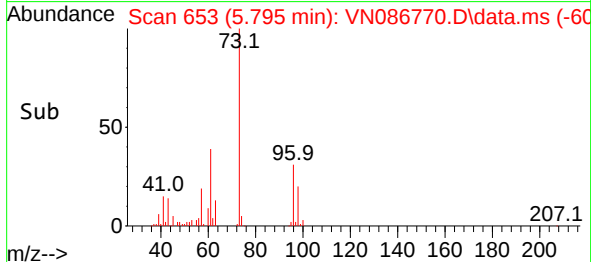
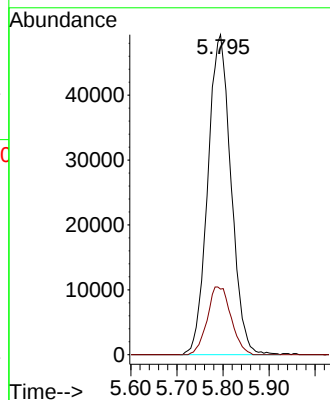
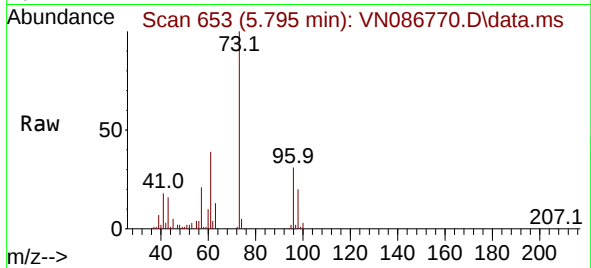




#19
Methyl tert-butyl Ether
Concen: 19.141 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

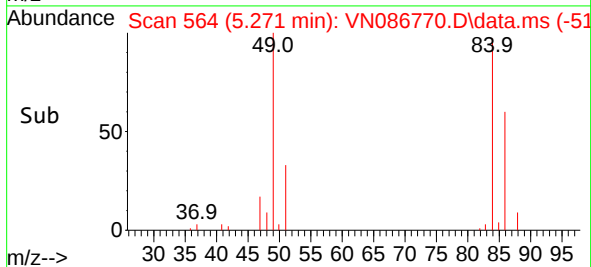
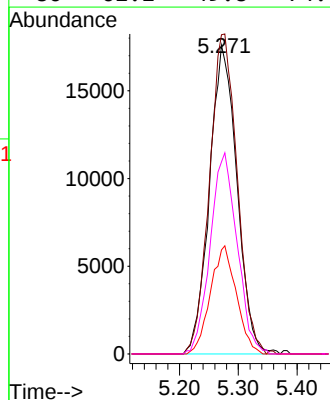
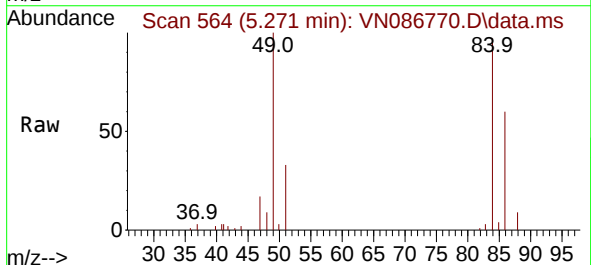
Instrument :
MSVOA_N
ClientSampleId :
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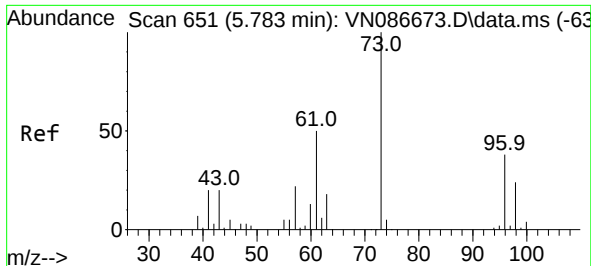
Tgt Ion: 73 Resp: 172926
Ion Ratio Lower Upper
73 100
57 20.5 17.7 26.5



#20
Methylene Chloride
Concen: 17.571 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion: 84 Resp: 57012
Ion Ratio Lower Upper
84 100
49 103.4 88.8 133.2
51 33.7 27.8 41.6
86 62.2 49.8 74.6

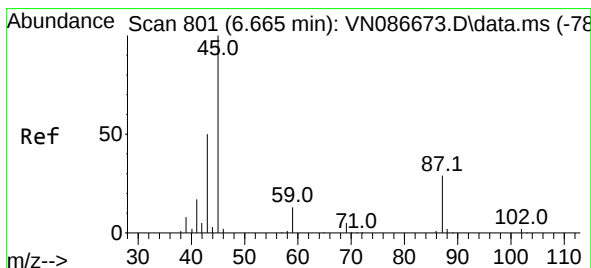
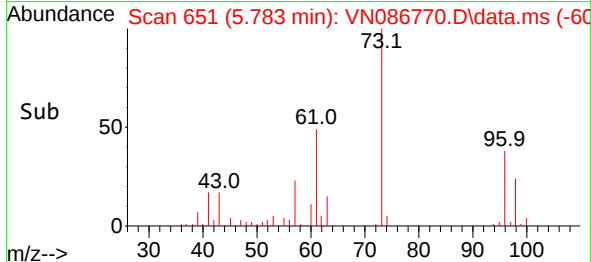
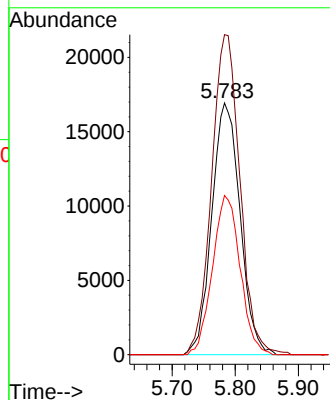
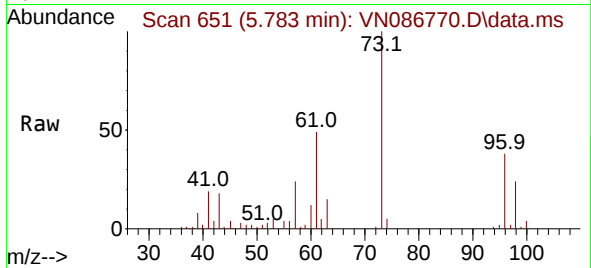




#21
trans-1,2-Dichloroethene
Concen: 18.775 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

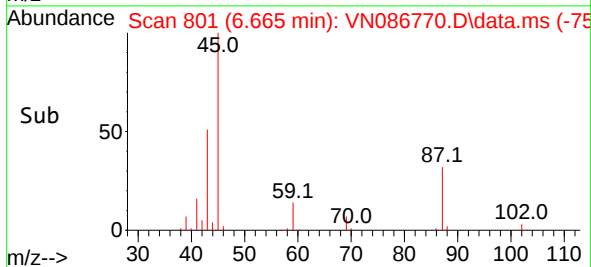
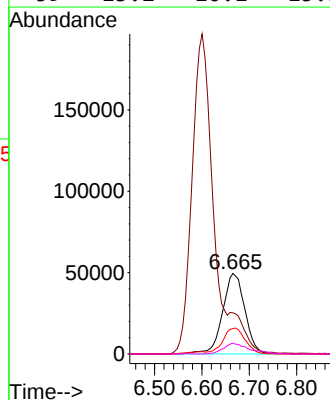
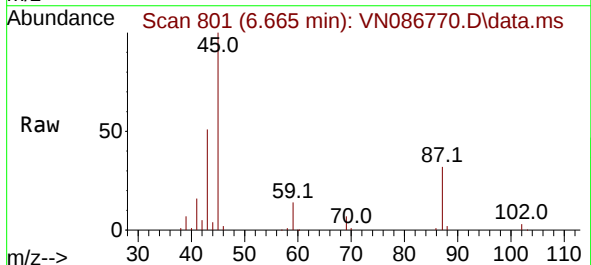
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

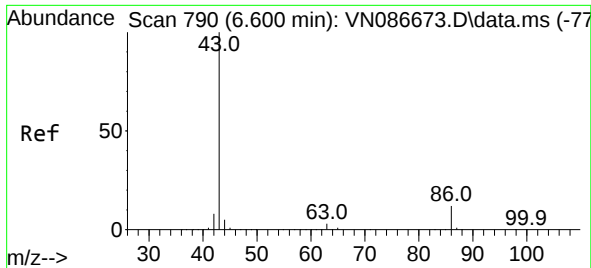
Tgt Ion: 96 Resp: 52669
Ion Ratio Lower Upper
96 100
61 127.1 105.7 158.5
98 63.2 51.0 76.6



#22
Diisopropyl ether
Concen: 17.787 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion: 45 Resp: 161153
Ion Ratio Lower Upper
45 100
43 50.2 41.4 62.2
87 31.7 22.9 34.3
59 13.2 10.1 15.1

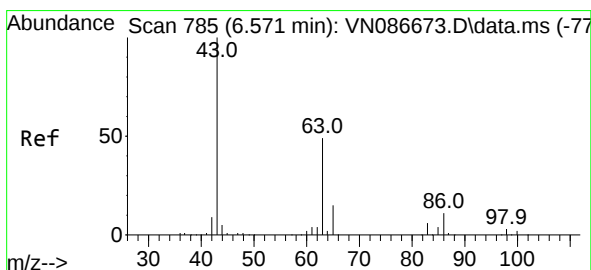
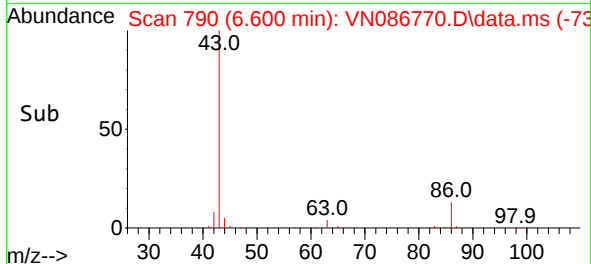
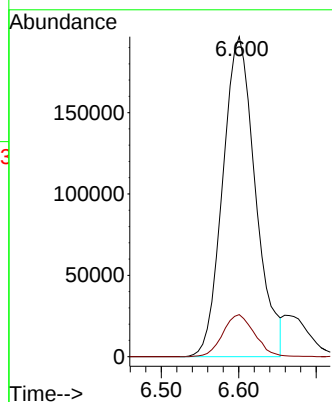
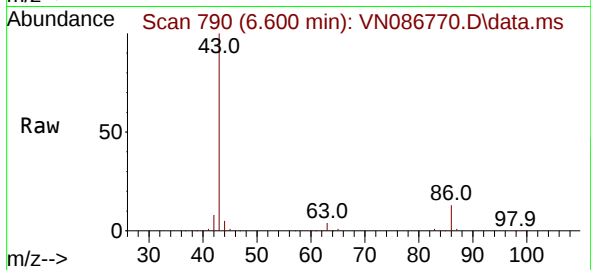




#23
 Vinyl Acetate
 Concen: 84.851 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086770.D
 Acq: 23 May 2025 11:50

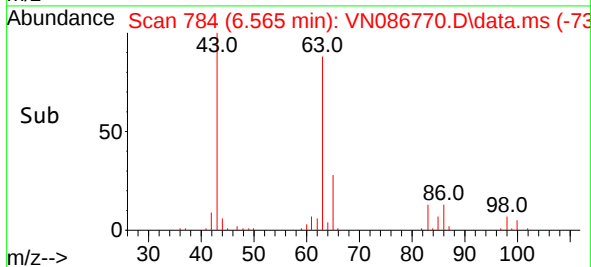
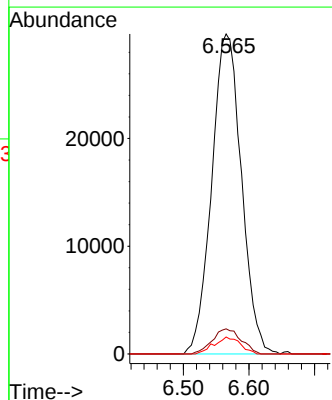
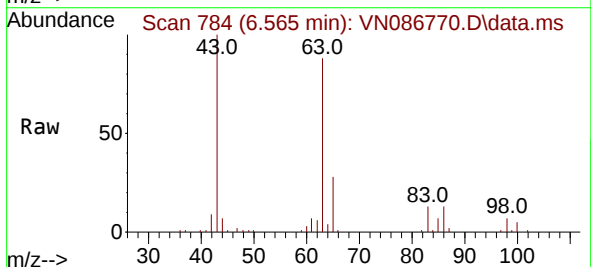
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

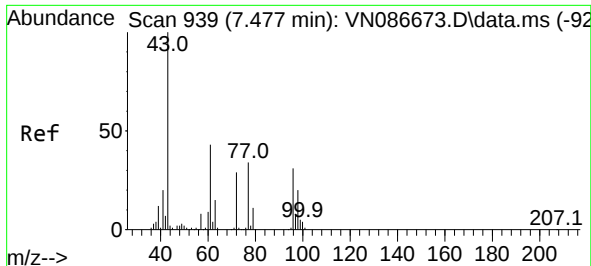
Tgt Ion: 43 Resp: 577773
 Ion Ratio Lower Upper
 43 100
 86 13.2 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 17.567 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086770.D
 Acq: 23 May 2025 11:50

Tgt Ion: 63 Resp: 93443
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.4 10.2
 100 5.3 2.4 7.1

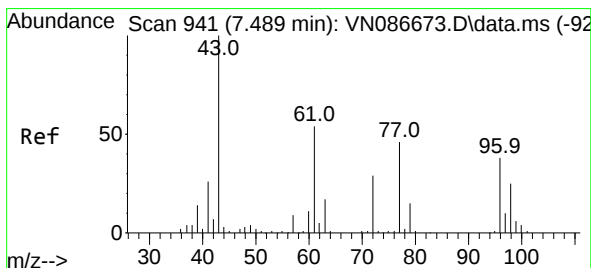
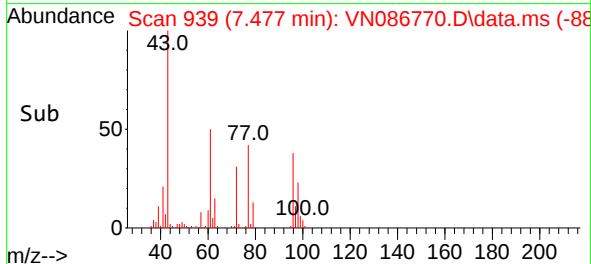
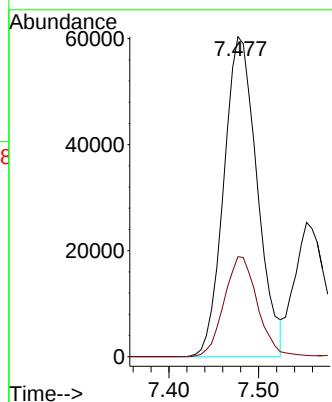
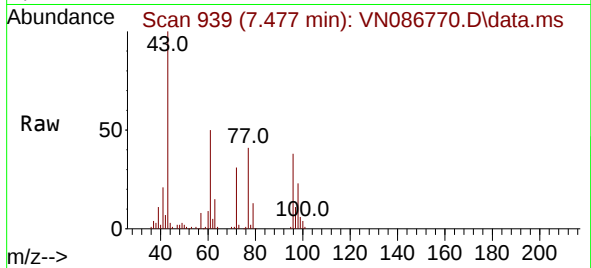




#25
2-Butanone
Concen: 82.027 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

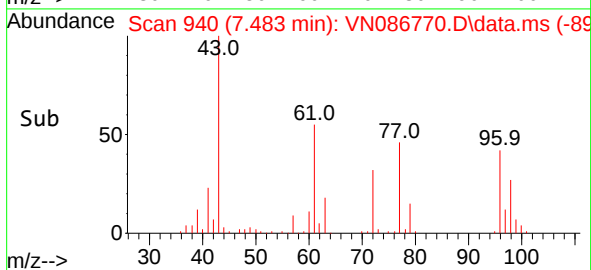
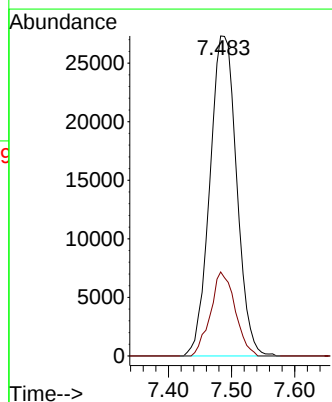
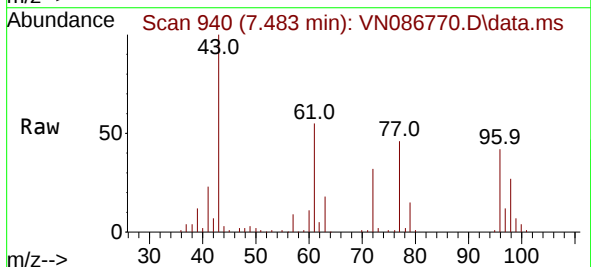
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

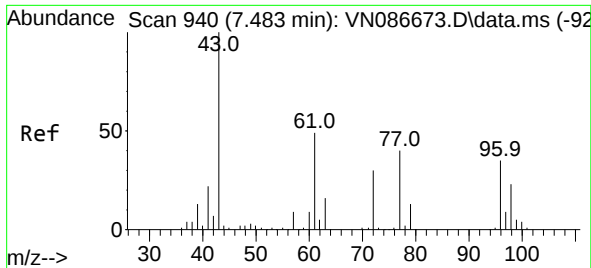
Tgt Ion: 43 Resp: 155855
Ion Ratio Lower Upper
43 100
72 31.2 23.1 34.7



#26
2,2-Dichloropropane
Concen: 18.363 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion: 77 Resp: 80609
Ion Ratio Lower Upper
77 100
97 24.1 11.6 34.7

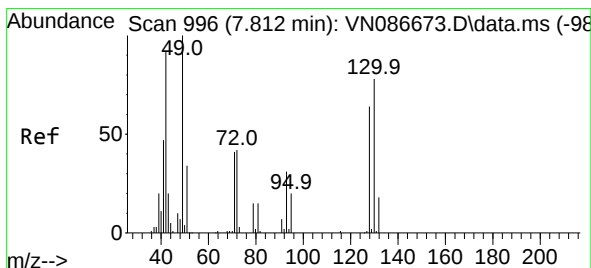
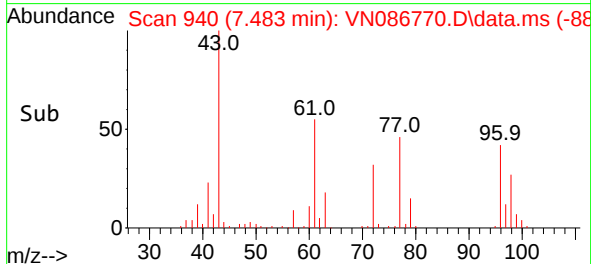
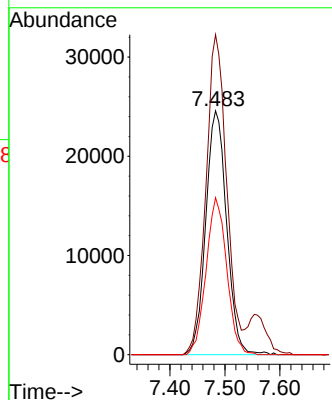
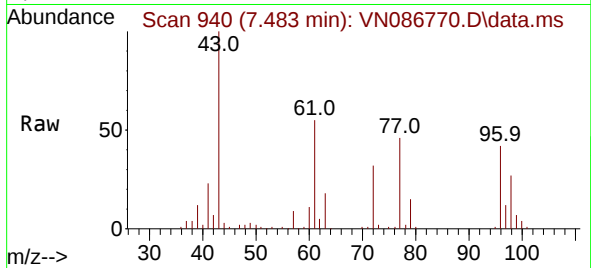




#27
 cis-1,2-Dichloroethene
 Concen: 18.870 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086770.D
 Acq: 23 May 2025 11:50

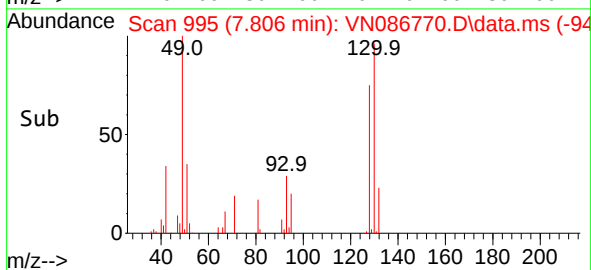
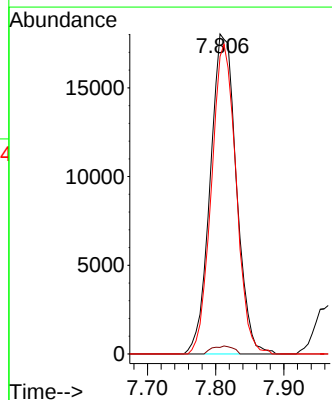
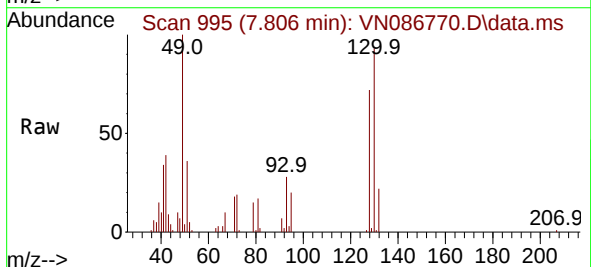
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

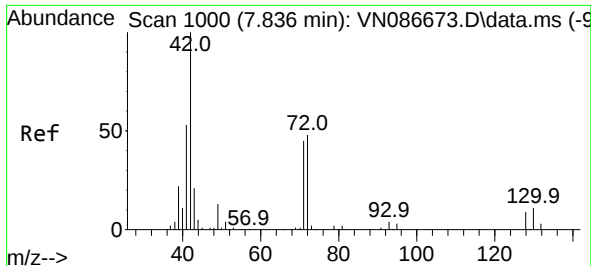
Tgt Ion:	96	Resp:	64974
Ion	Ratio	Lower	Upper
96	100		
61	130.5	0.0	277.4
98	63.6	0.0	129.6



#28
 Bromochloromethane
 Concen: 19.914 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN086770.D
 Acq: 23 May 2025 11:50

Tgt Ion:	49	Resp:	48128
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	91.1	62.2	93.4





#29

Tetrahydrofuran

Concen: 84.752 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN086770.D

Acq: 23 May 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

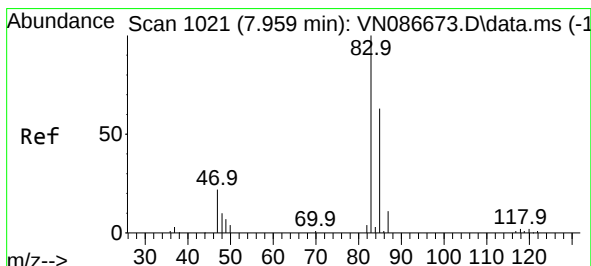
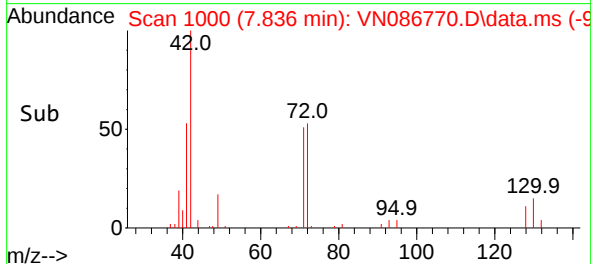
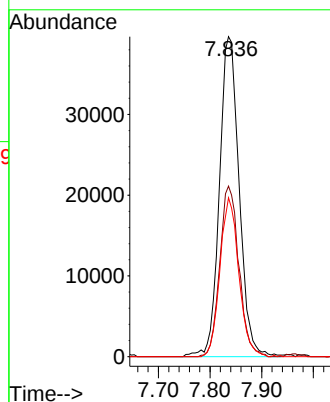
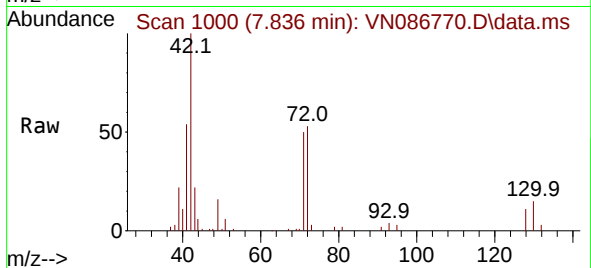
Tgt Ion: 42 Resp: 105108

Ion Ratio Lower Upper

42 100

72 51.7 38.7 58.1

71 47.4 36.2 54.4



#30

Chloroform

Concen: 18.045 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN086770.D

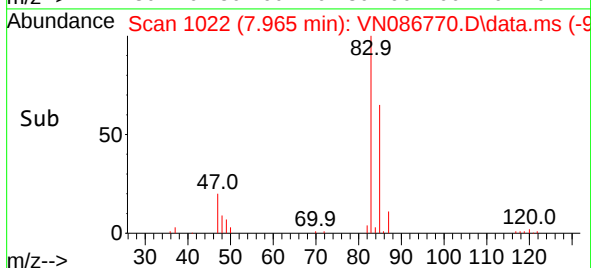
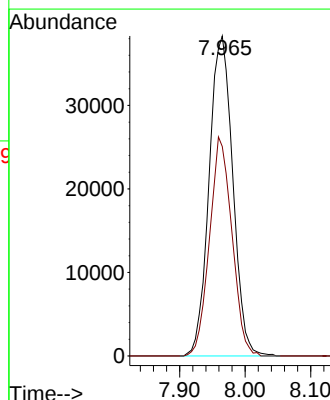
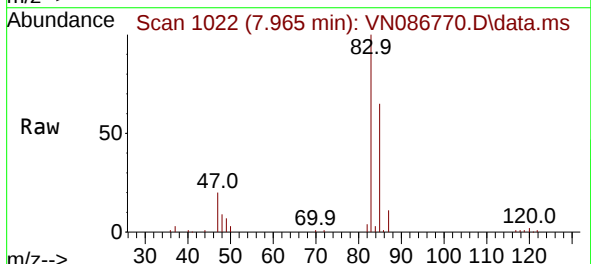
Acq: 23 May 2025 11:50

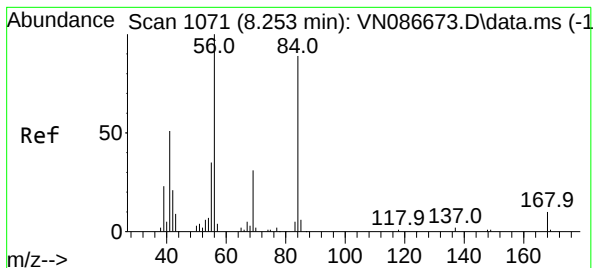
Tgt Ion: 83 Resp: 96074

Ion Ratio Lower Upper

83 100

85 65.4 50.2 75.4





#31

Cyclohexane

Concen: 16.615 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN086770.D

Acq: 23 May 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

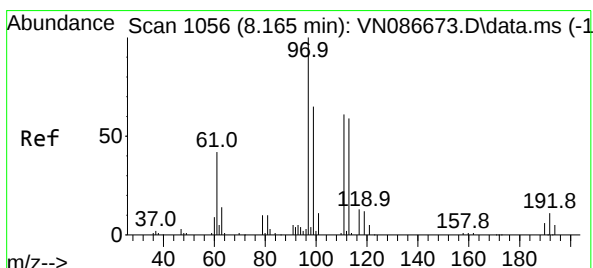
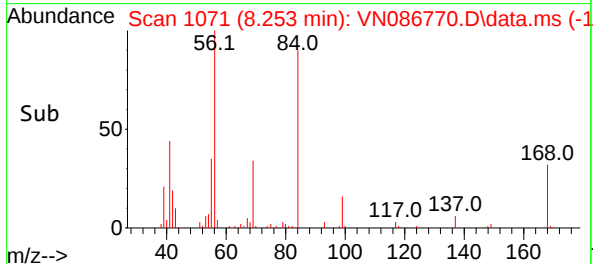
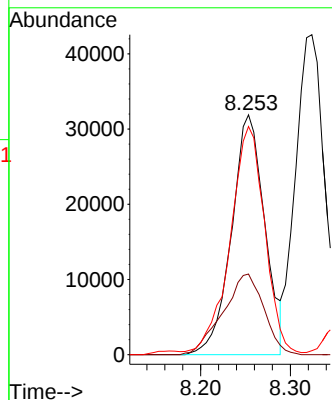
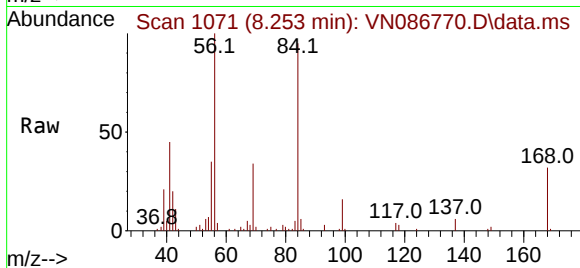
Tgt Ion: 56 Resp: 81967

Ion Ratio Lower Upper

56 100

69 33.6 25.0 37.6

84 93.9 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 18.019 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086770.D

Acq: 23 May 2025 11:50

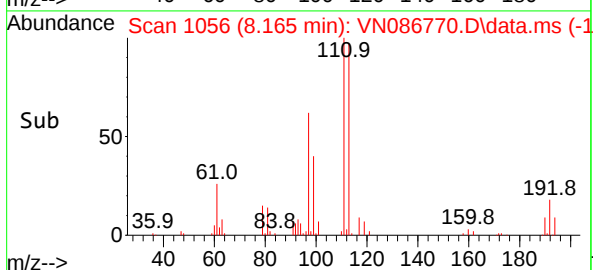
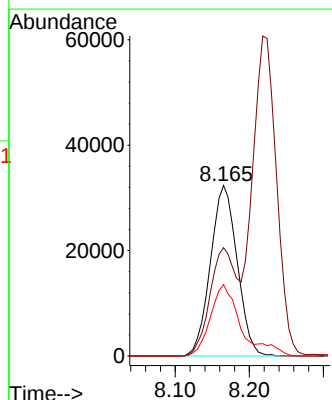
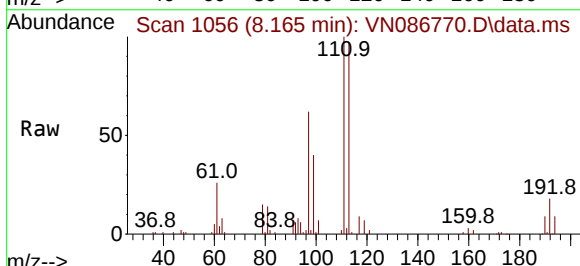
Tgt Ion: 97 Resp: 80886

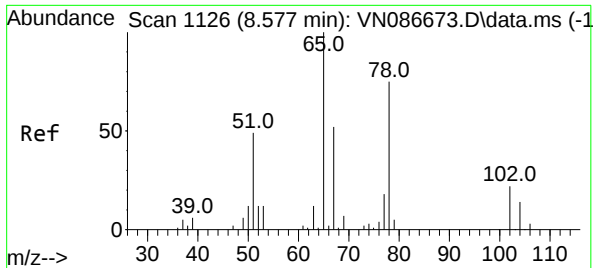
Ion Ratio Lower Upper

97 100

99 64.9 52.6 79.0

61 47.8 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 44.769 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086770.D

Acq: 23 May 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

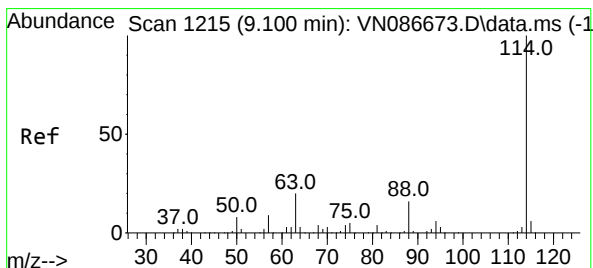
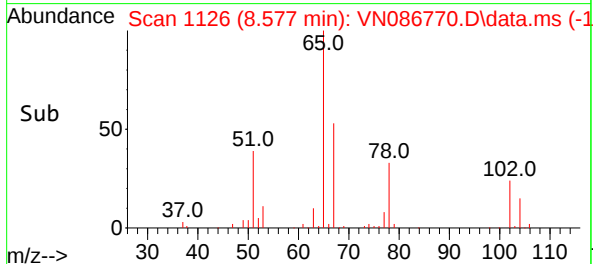
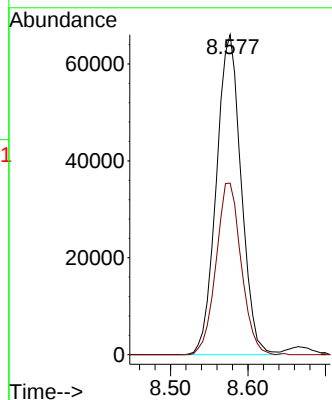
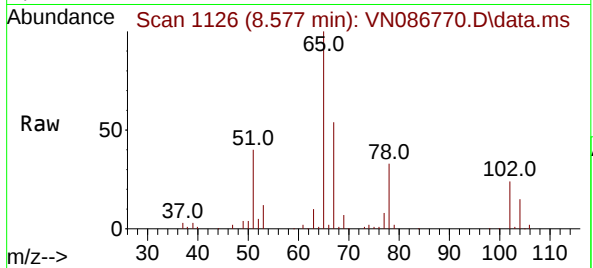
VN0523WBSD01

Tgt Ion: 65 Resp: 147158

Ion Ratio Lower Upper

65 100

67 54.3 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086770.D

Acq: 23 May 2025 11:50

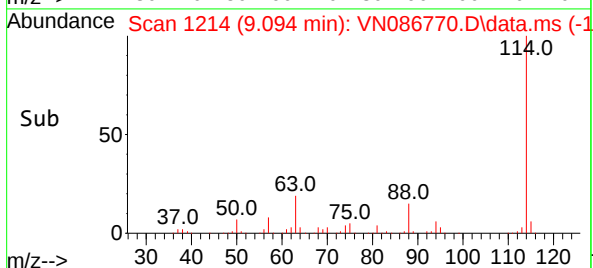
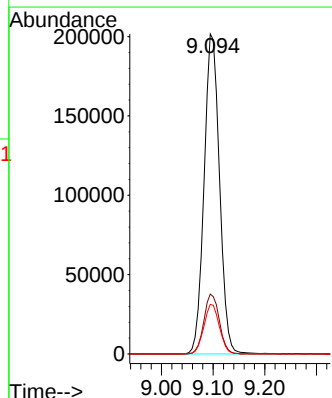
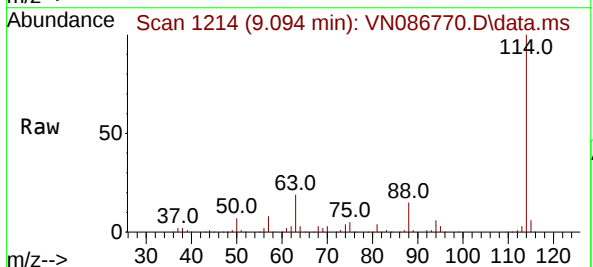
Tgt Ion: 114 Resp: 417988

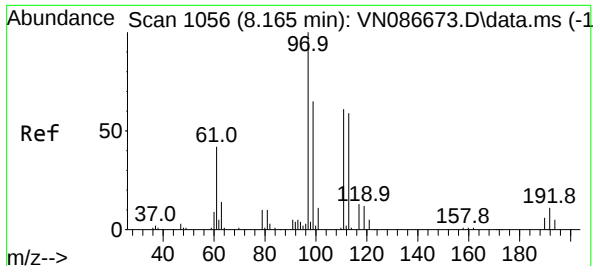
Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.2

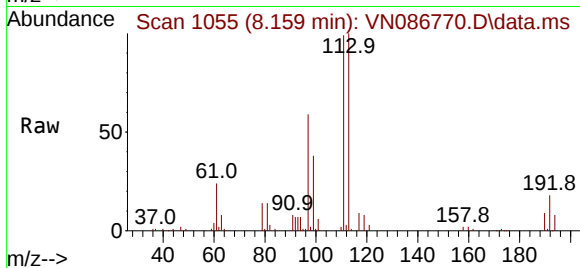
88 15.5 0.0 31.2



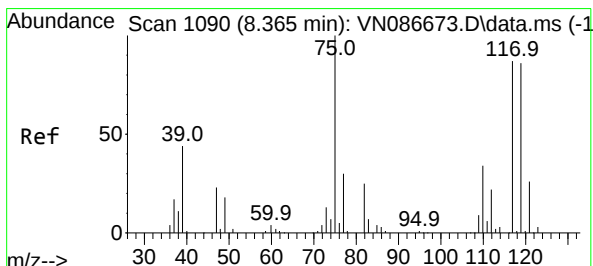
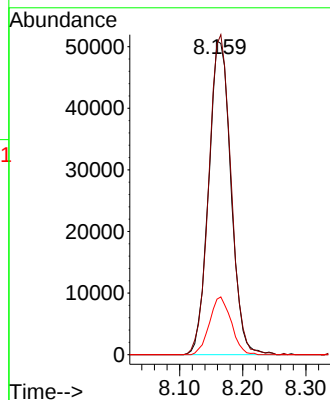
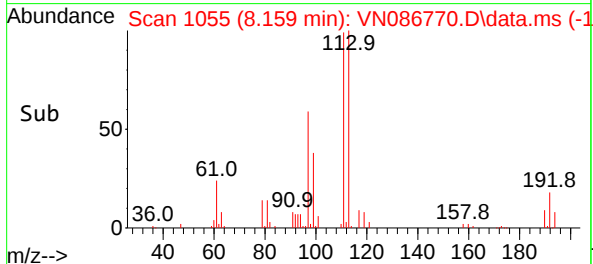


#35
Dibromofluoromethane
Concen: 50.190 ug/l
RT: 8.159 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

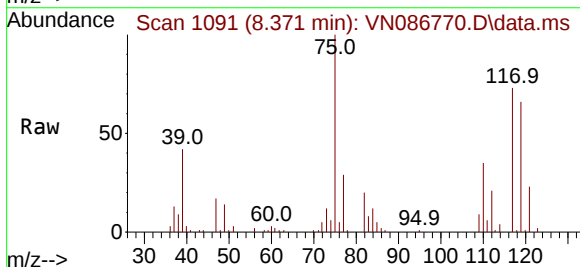
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01



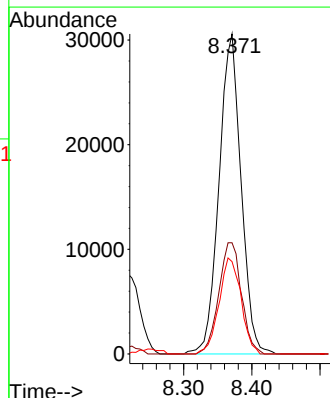
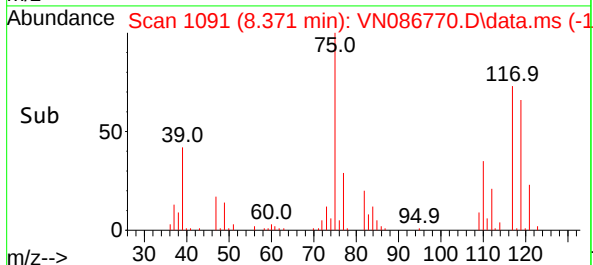
Tgt Ion:113 Resp: 124938
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.2
192 17.9 13.8 20.8

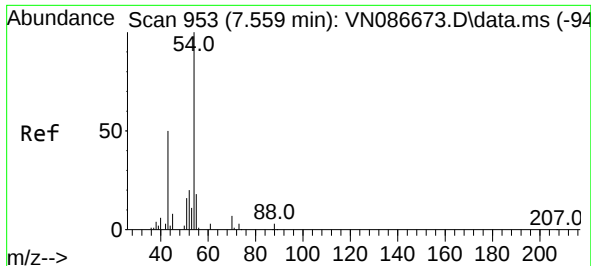


#36
1,1-Dichloropropene
Concen: 18.745 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50



Tgt Ion: 75 Resp: 68829
Ion Ratio Lower Upper
75 100
110 35.7 17.5 52.5
77 30.0 25.1 37.7

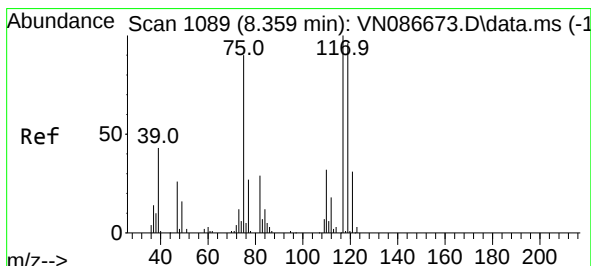
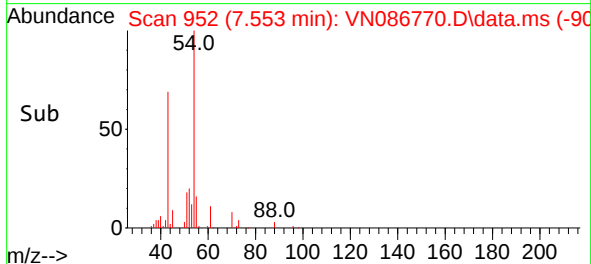
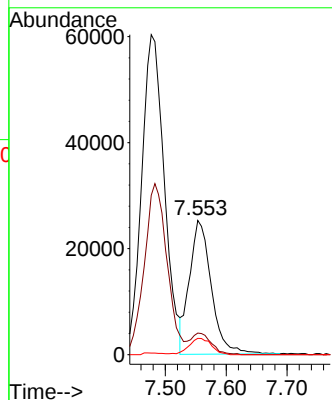
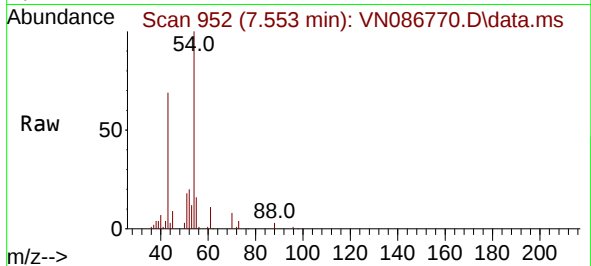




#37
Ethyl Acetate
Concen: 16.959 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

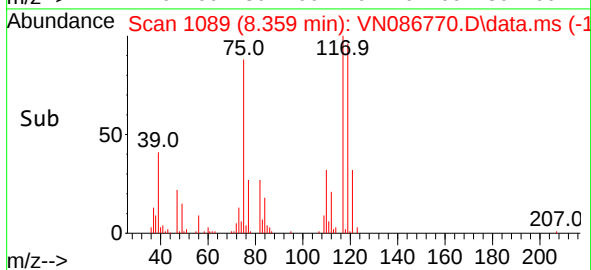
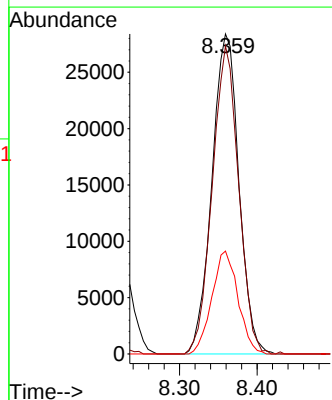
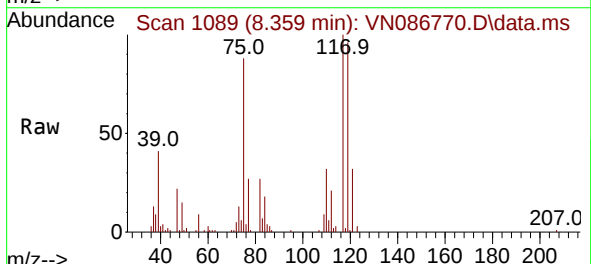
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

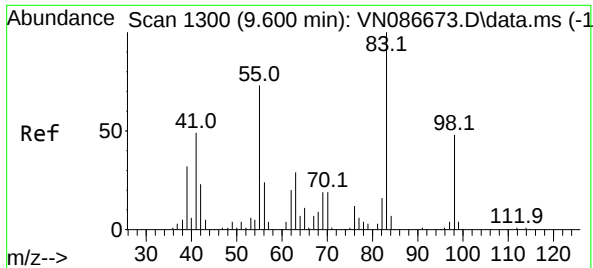
Tgt Ion: 43 Resp: 62901
Ion Ratio Lower Upper
43 100
61 14.8 11.6 17.4
70 12.6 9.4 14.0



#38
Carbon Tetrachloride
Concen: 18.994 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion: 117 Resp: 68718
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.6
121 32.2 25.0 37.6





#39

Methylcyclohexane

Concen: 19.180 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN086770.D

Acq: 23 May 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

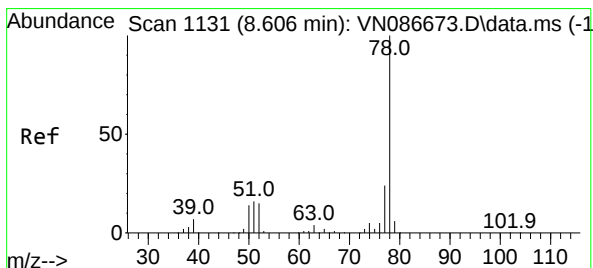
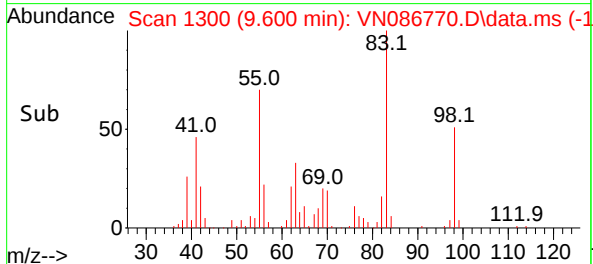
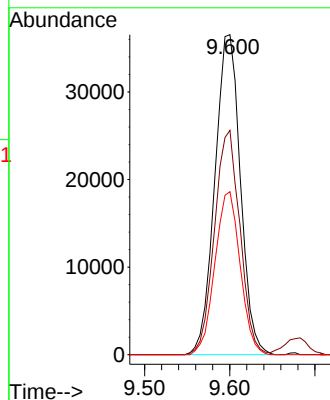
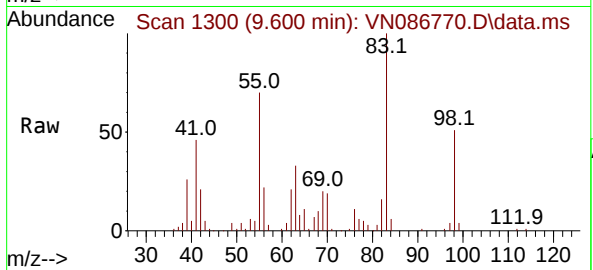
Tgt Ion: 83 Resp: 76222

Ion Ratio Lower Upper

83 100

55 70.1 58.2 87.4

98 51.0 38.4 57.6



#40

Benzene

Concen: 18.768 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086770.D

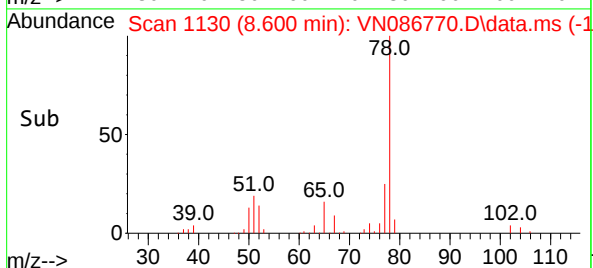
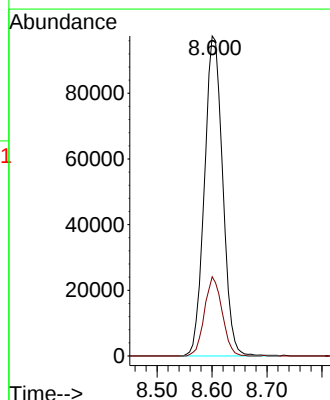
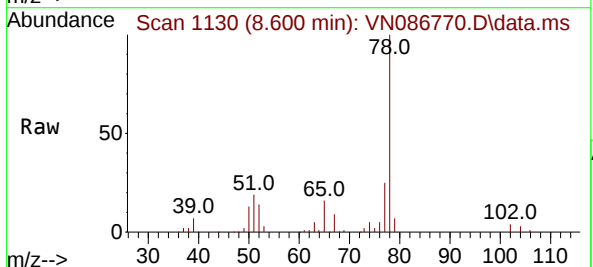
Acq: 23 May 2025 11:50

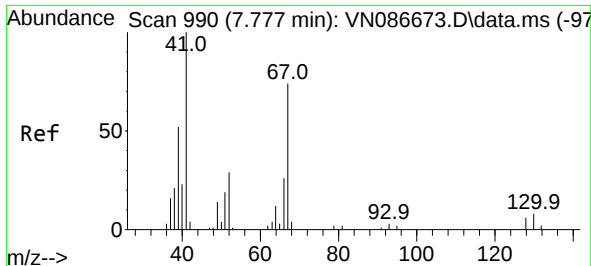
Tgt Ion: 78 Resp: 224807

Ion Ratio Lower Upper

78 100

77 24.7 19.1 28.7

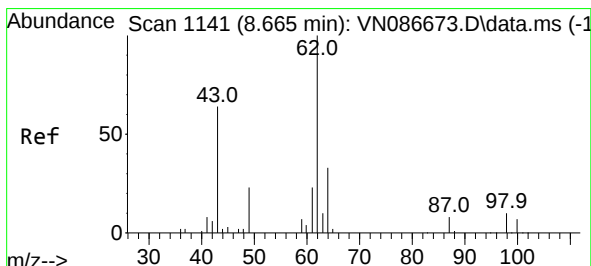
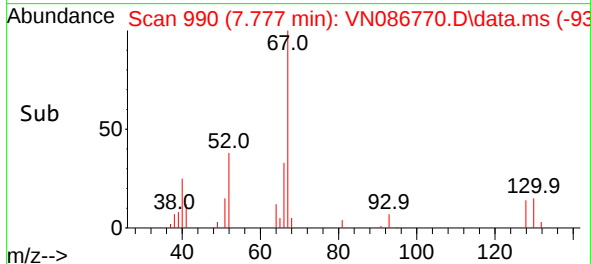
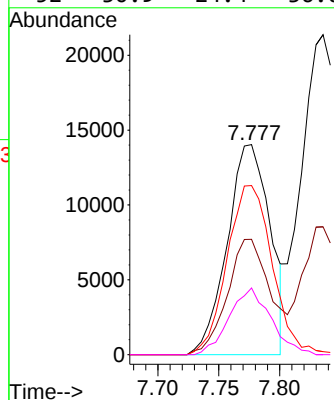
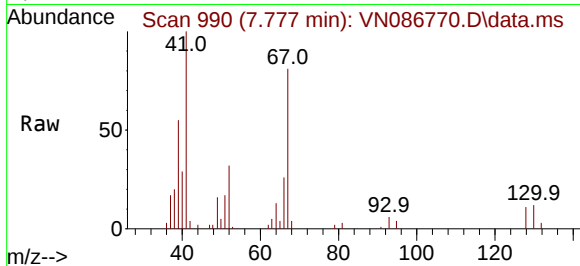




#41
Methacrylonitrile
Concen: 17.163 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

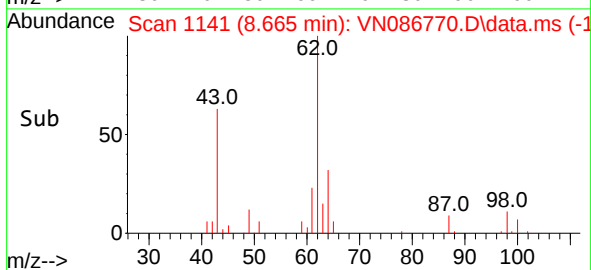
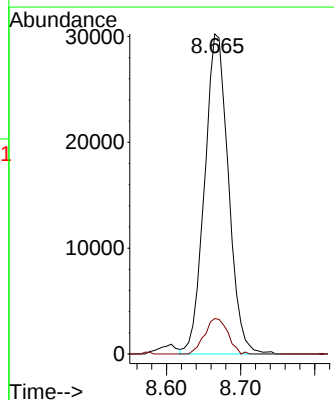
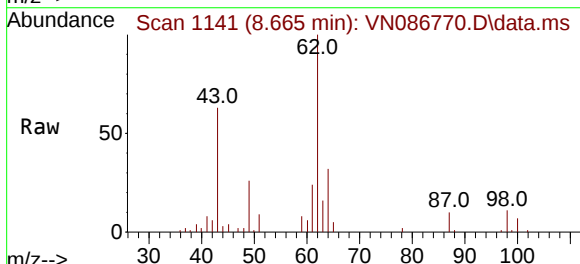
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

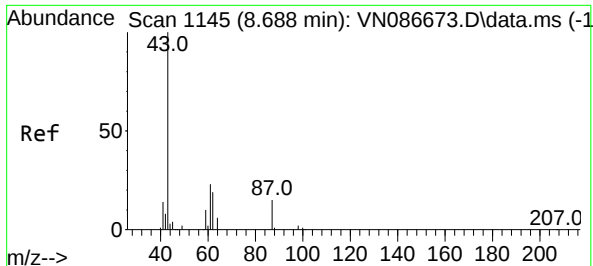
Tgt Ion:	41	Resp:	34371
Ion	Ratio	Lower	Upper
41	100		
39	55.6	44.9	67.3
67	85.1	63.4	95.0
52	30.9	24.4	36.6



#42
1,2-Dichloroethane
Concen: 18.096 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion:	62	Resp:	67530
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	19.2

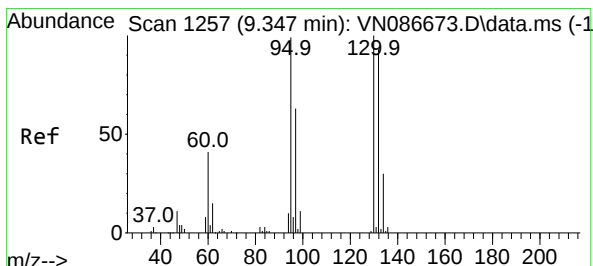
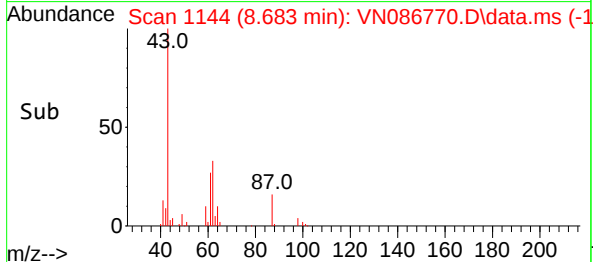
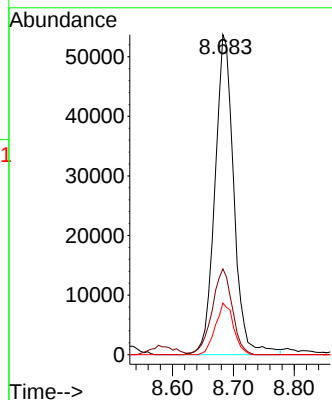
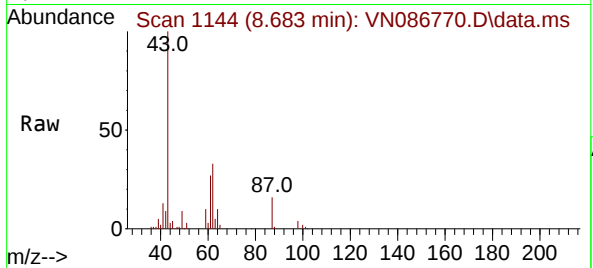




#43
Isopropyl Acetate
Concen: 15.589 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

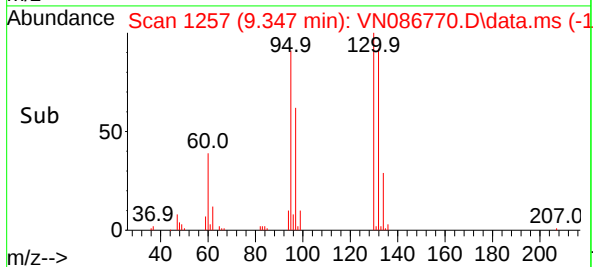
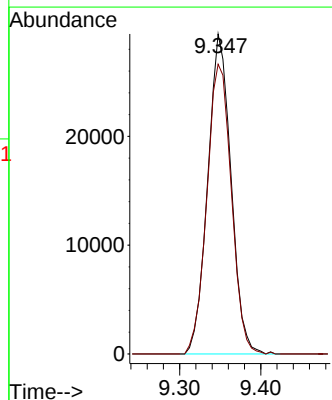
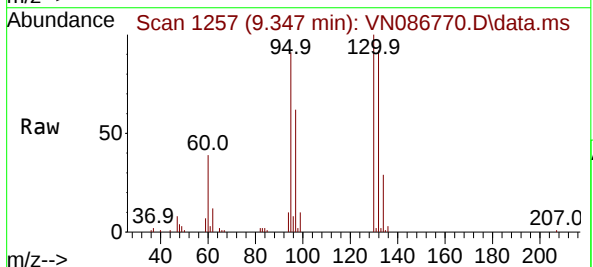
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

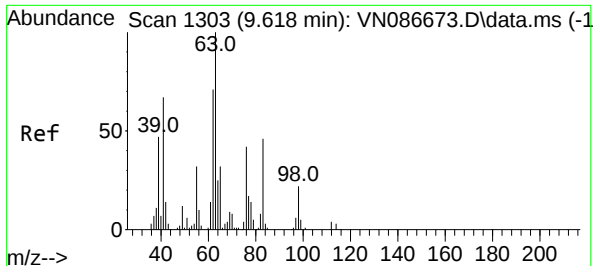
Tgt Ion: 43 Resp: 115914
Ion Ratio Lower Upper
43 100
61 28.5 21.4 32.2
87 15.5 11.1 16.7



#44
Trichloroethene
Concen: 20.289 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion:130 Resp: 58616
Ion Ratio Lower Upper
130 100
95 90.6 0.0 197.0





#45

1,2-Dichloropropane

Concen: 19.063 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086770.D

Acq: 23 May 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

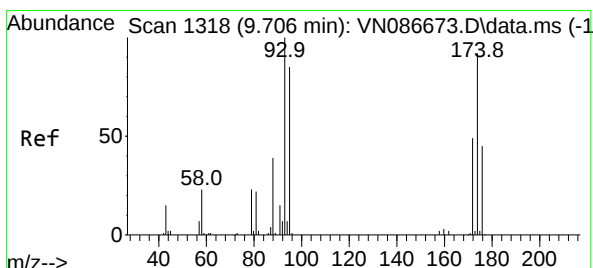
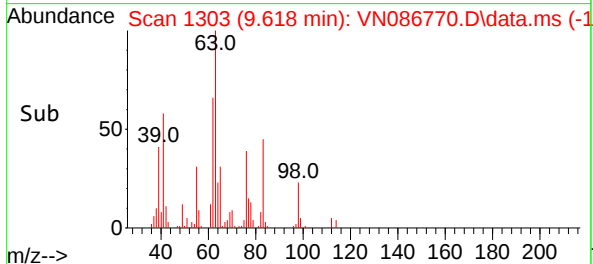
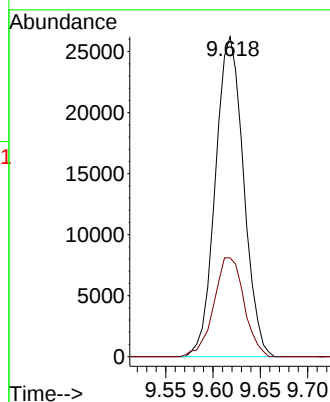
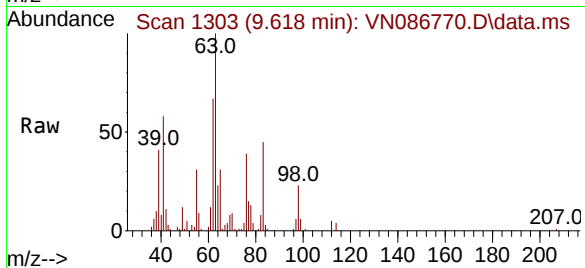
VN0523WBSD01

Tgt Ion: 63 Resp: 54242

Ion Ratio Lower Upper

63 100

65 30.9 25.8 38.6



#46

Dibromomethane

Concen: 19.095 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086770.D

Acq: 23 May 2025 11:50

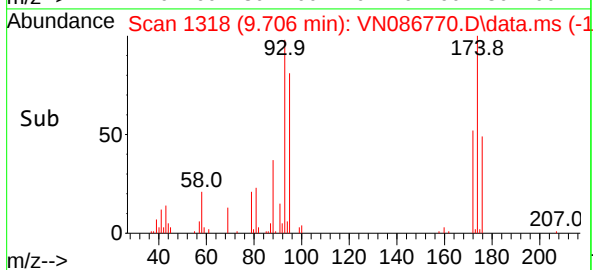
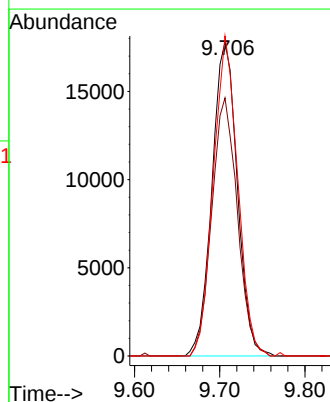
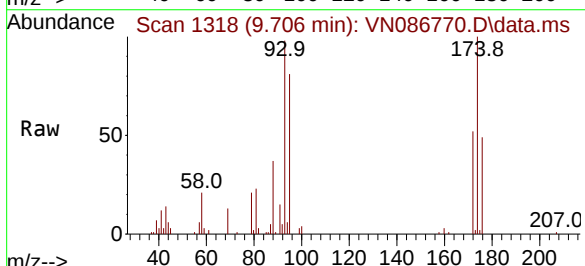
Tgt Ion: 93 Resp: 36663

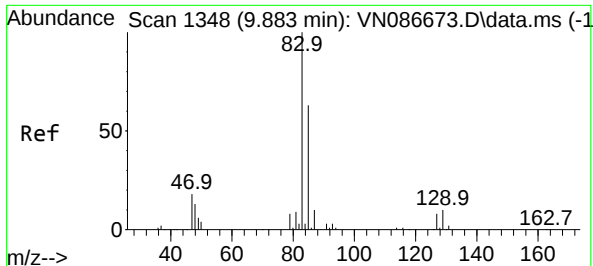
Ion Ratio Lower Upper

93 100

95 83.2 67.1 100.7

174 98.1 73.8 110.6

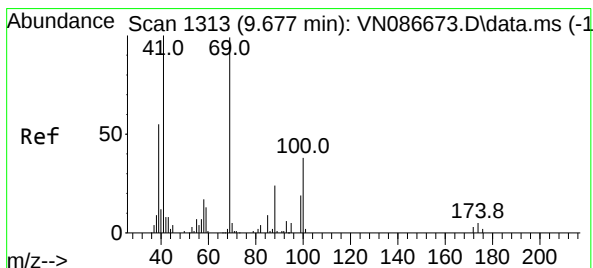
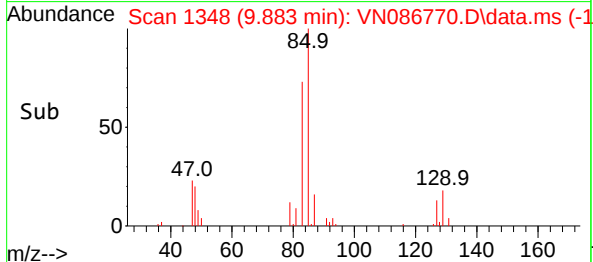
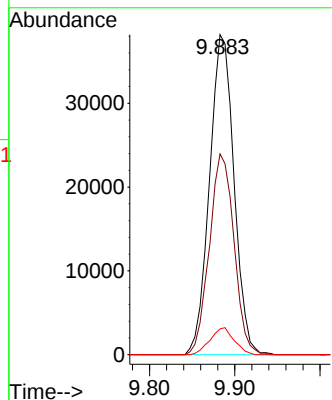
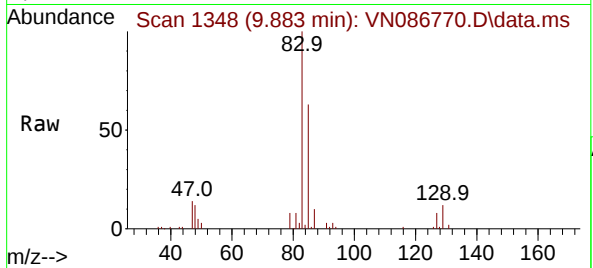




#47
Bromodichloromethane
Concen: 19.257 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

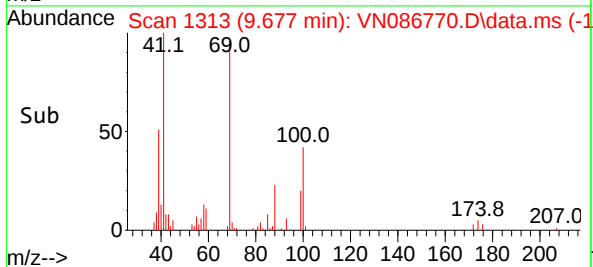
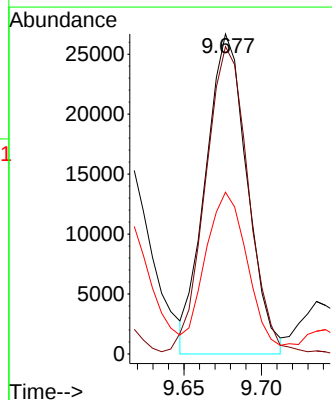
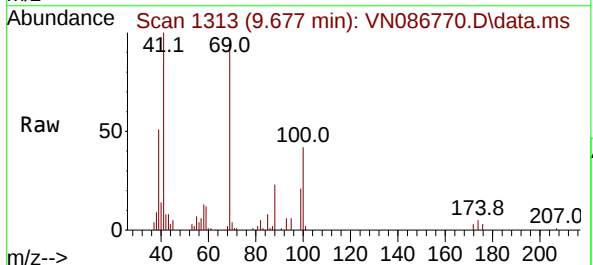
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

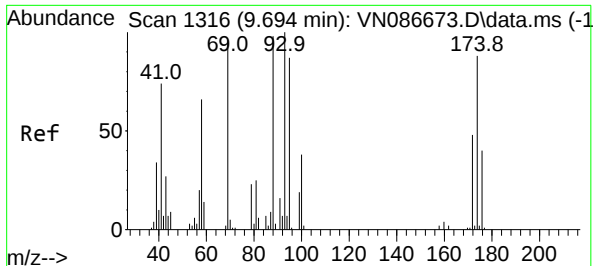
Tgt Ion: 83 Resp: 76183
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 8.0 6.2 9.4



#48
Methyl methacrylate
Concen: 17.290 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion: 41 Resp: 49817
Ion Ratio Lower Upper
41 100
69 99.9 74.1 111.1
39 52.0 44.1 66.1





#49

1,4-Dioxane

Concen: 362.791 ug/l

RT: 9.689 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086770.D

Acq: 23 May 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

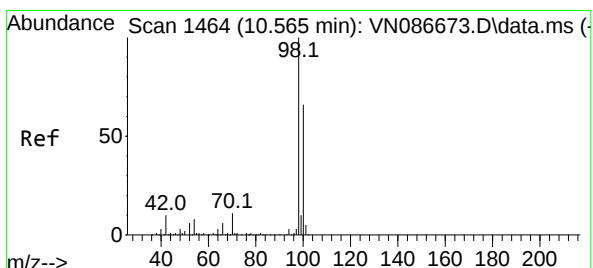
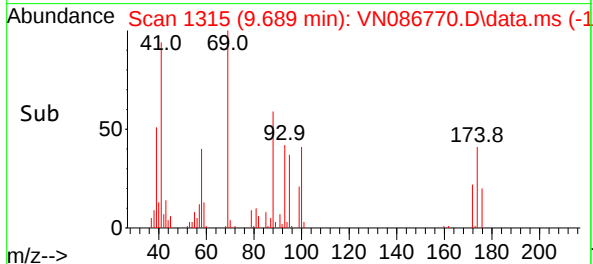
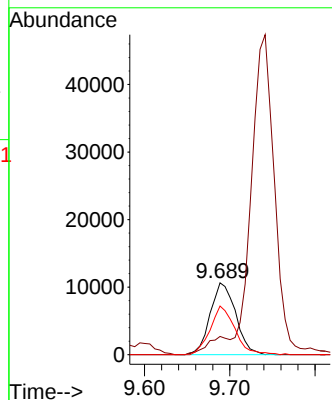
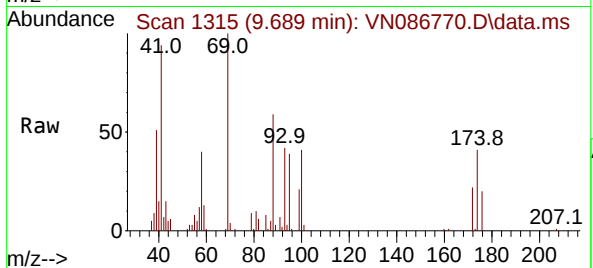
Tgt Ion: 88 Resp: 22134

Ion Ratio Lower Upper

88 100

43 22.5 23.6 35.4#

58 66.0 55.3 82.9



#50

Toluene-d8

Concen: 48.916 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086770.D

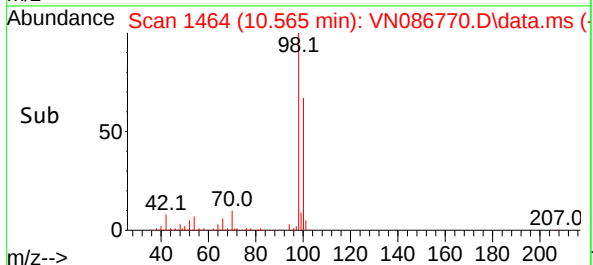
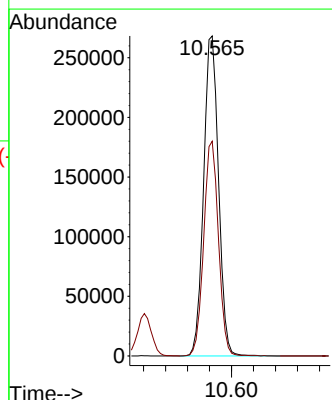
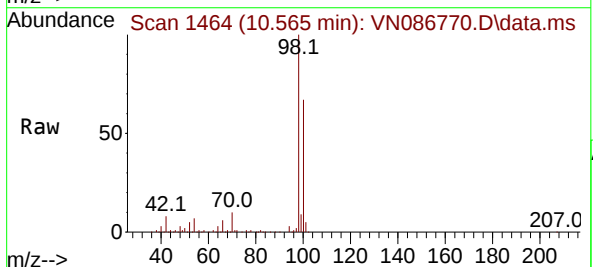
Acq: 23 May 2025 11:50

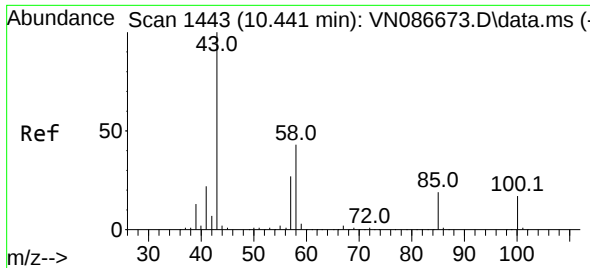
Tgt Ion: 98 Resp: 504608

Ion Ratio Lower Upper

98 100

100 66.5 52.9 79.3

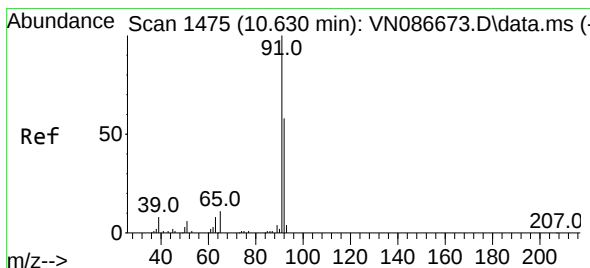
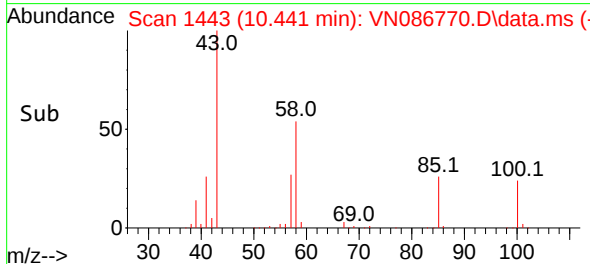
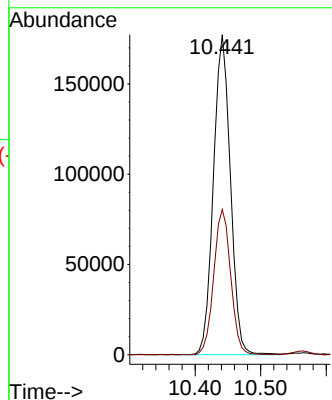
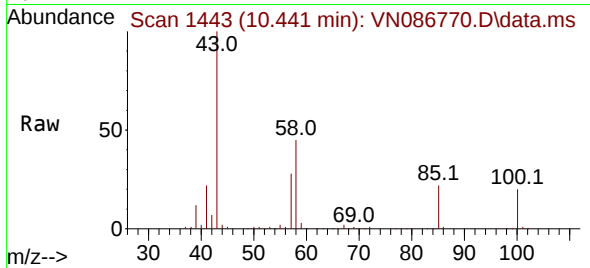




#51
4-Methyl-2-Pentanone
Concen: 84.848 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

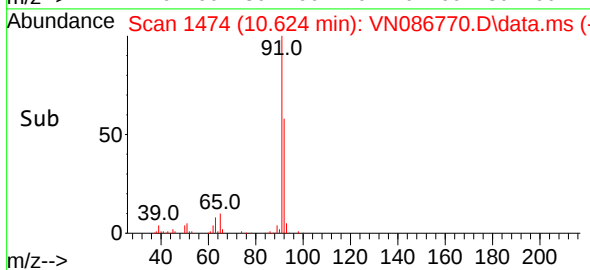
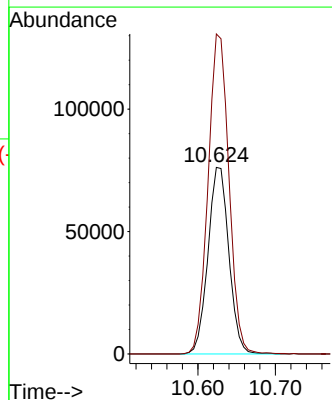
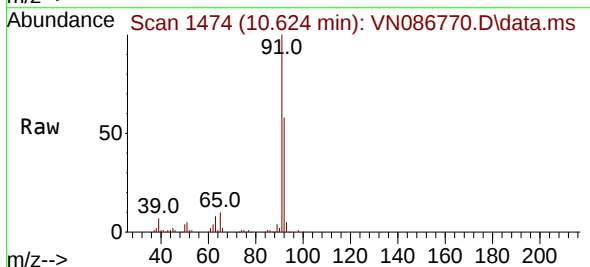
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

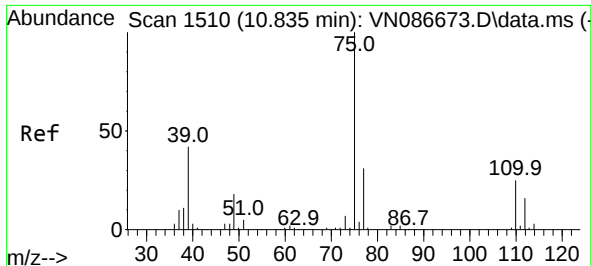
Tgt Ion: 43 Resp: 318153
Ion Ratio Lower Upper
43 100
58 45.3 33.9 50.9



#52
Toluene
Concen: 19.150 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion: 92 Resp: 142562
Ion Ratio Lower Upper
92 100
91 171.3 137.8 206.8

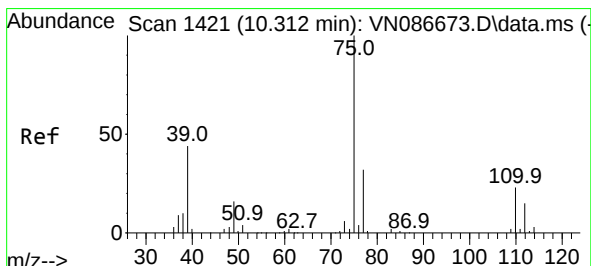
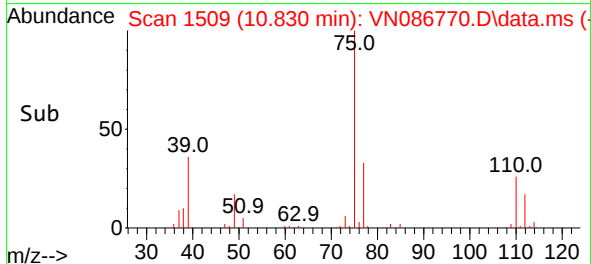
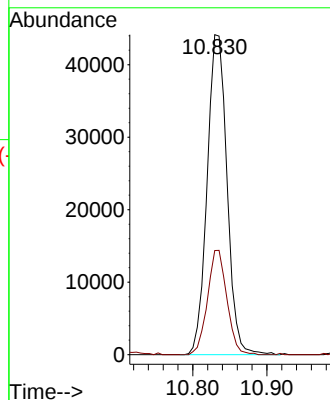
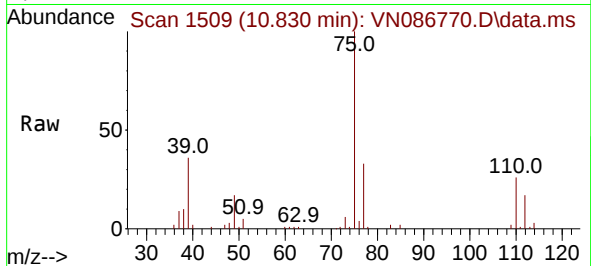




#53
 t-1,3-Dichloropropene
 Concen: 19.665 ug/l
 RT: 10.830 min Scan# 1509
 Delta R.T. -0.006 min
 Lab File: VN086770.D
 Acq: 23 May 2025 11:50

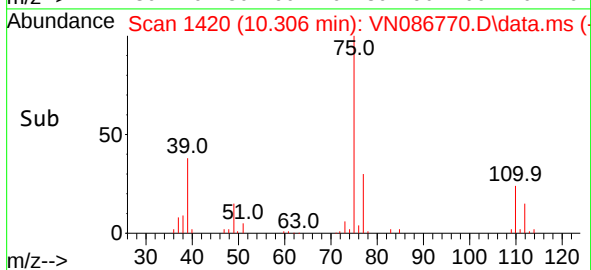
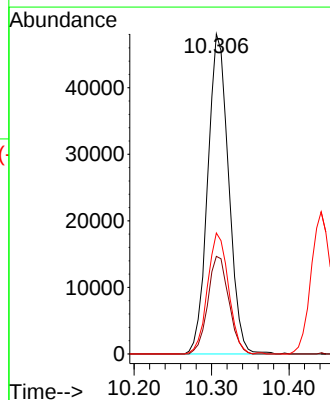
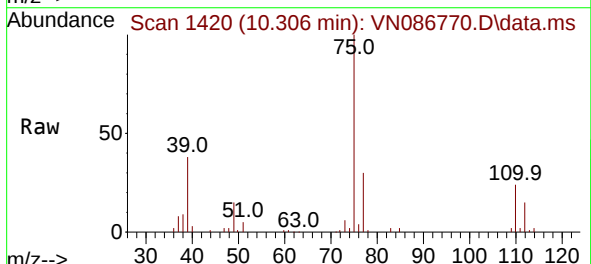
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

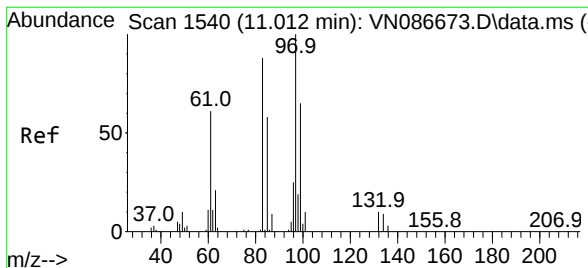
Tgt Ion: 75 Resp: 82366
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.684 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN086770.D
 Acq: 23 May 2025 11:50

Tgt Ion: 75 Resp: 90002
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.3 37.9
 39 37.8 35.2 52.8

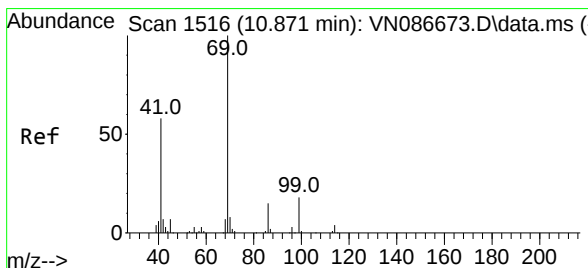
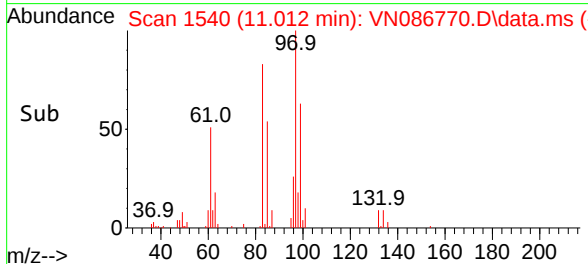
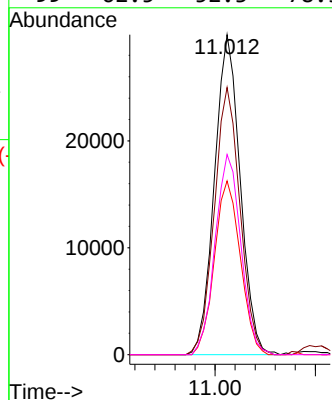
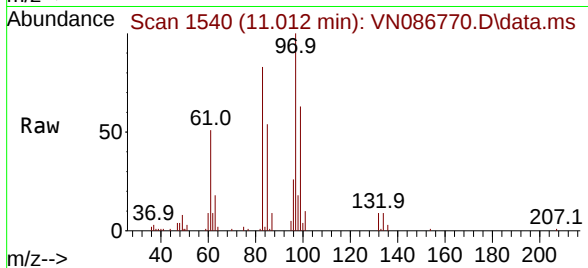




#55
1,1,2-Trichloroethane
Concen: 19.204 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

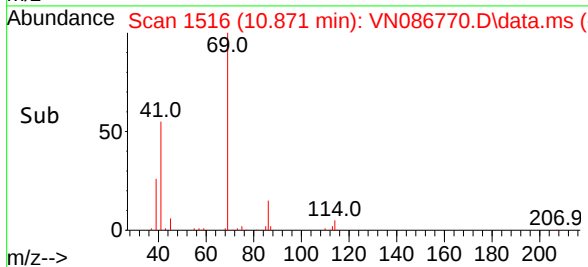
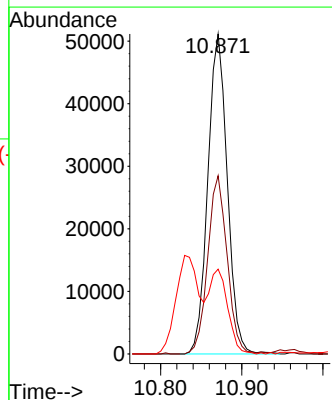
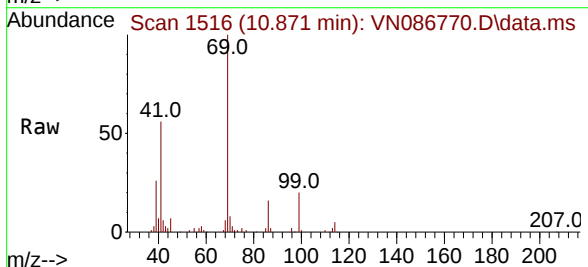
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

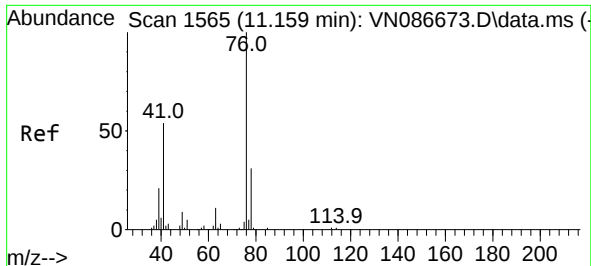
Tgt Ion:	97	Resp:	53332
Ion	Ratio	Lower	Upper
97	100		
83	83.5	70.4	105.6
85	54.3	46.1	69.1
99	62.5	52.3	78.5



#56
Ethyl methacrylate
Concen: 19.084 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion:	69	Resp:	85095
Ion	Ratio	Lower	Upper
69	100		
41	55.5	47.4	71.0
39	25.6	24.0	36.0





#57

1,3-Dichloropropane

Concen: 19.046 ug/l

RT: 11.159 min Scan# 11120

Delta R.T. 0.000 min

Lab File: VN086770.D

Acq: 23 May 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

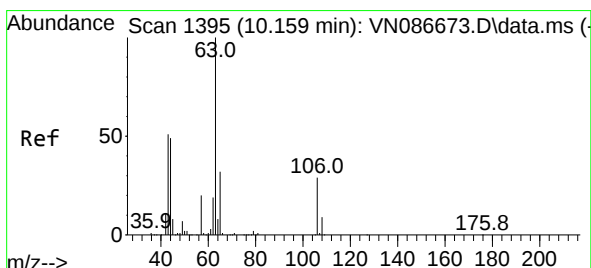
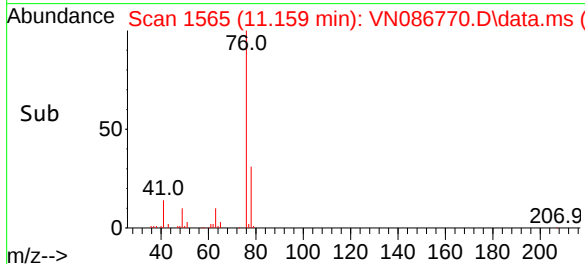
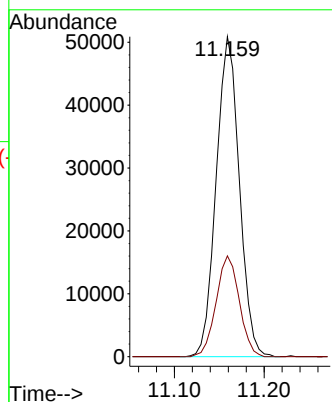
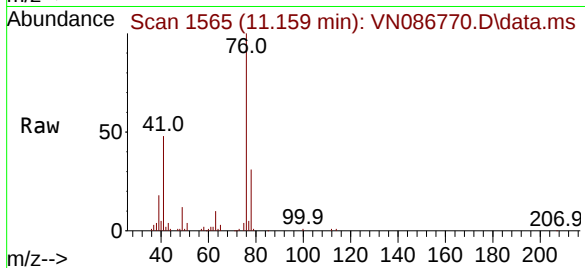
VN0523WBSD01

Tgt Ion: 76 Resp: 91120

Ion Ratio Lower Upper

76 100

78 31.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 96.841 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN086770.D

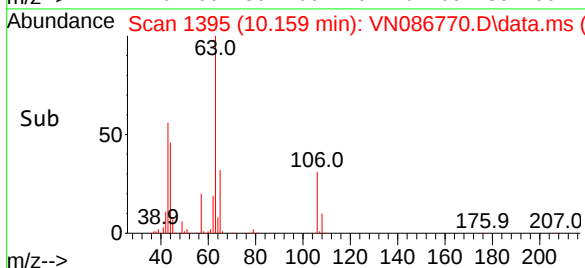
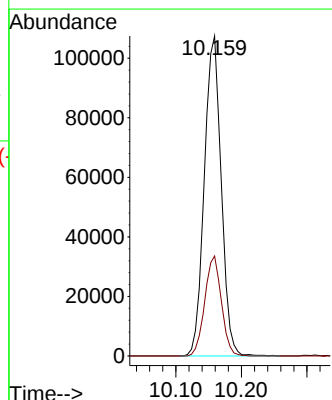
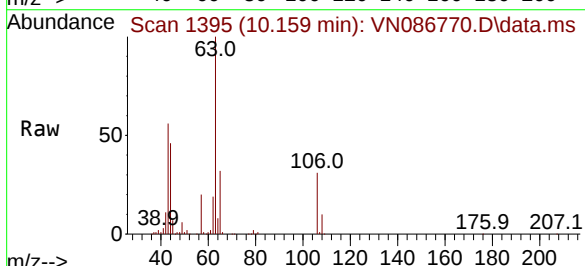
Acq: 23 May 2025 11:50

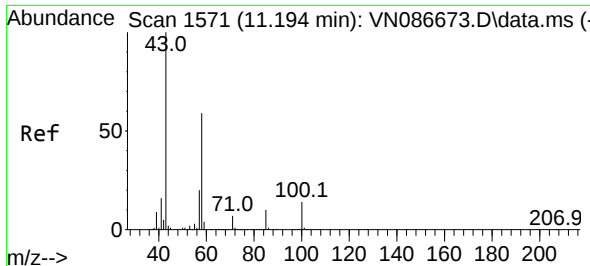
Tgt Ion: 63 Resp: 192985

Ion Ratio Lower Upper

63 100

106 30.7 23.1 34.7

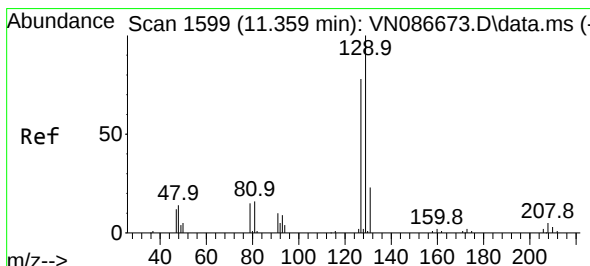
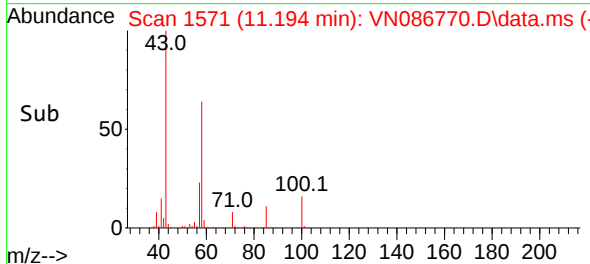
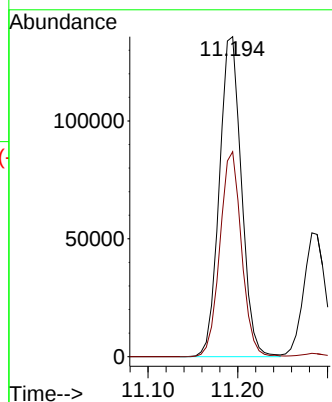
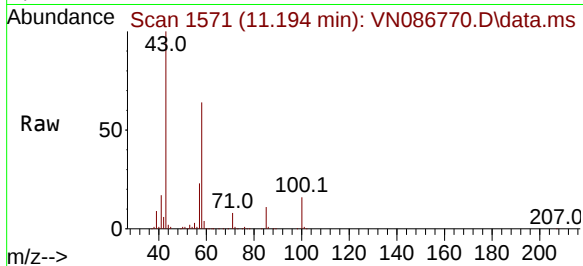




#59
2-Hexanone
Concen: 84.728 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

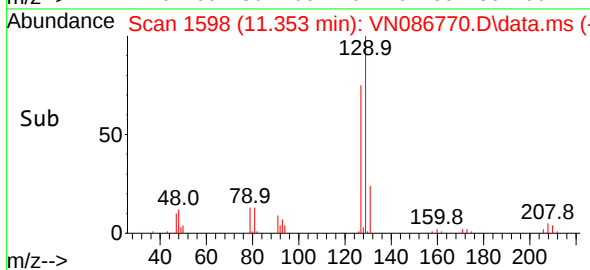
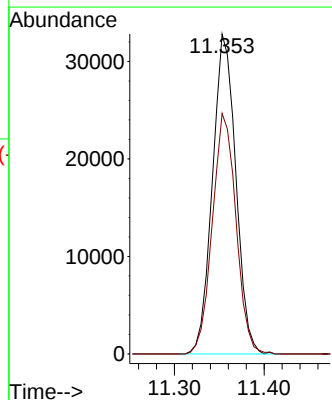
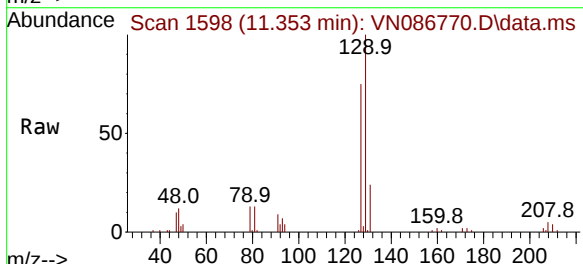
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

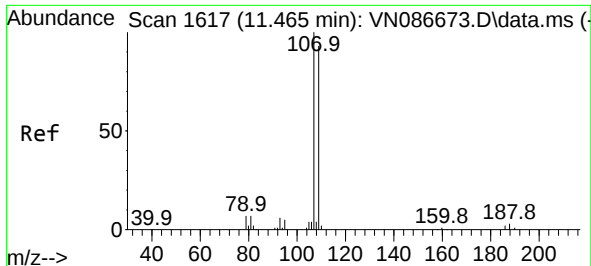
Tgt Ion: 43 Resp: 232005
Ion Ratio Lower Upper
43 100
58 62.7 29.8 89.5



#60
Dibromochloromethane
Concen: 20.355 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion: 129 Resp: 59240
Ion Ratio Lower Upper
129 100
127 76.1 39.5 118.3

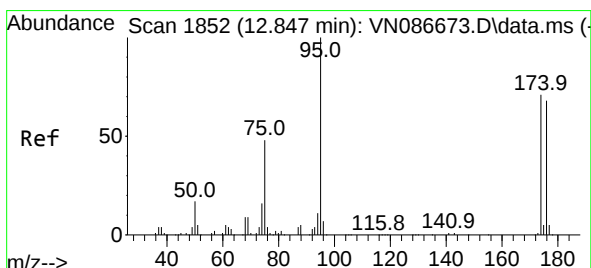
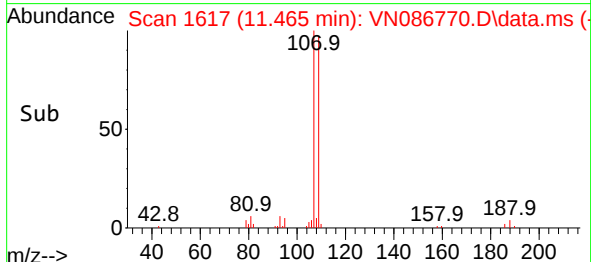
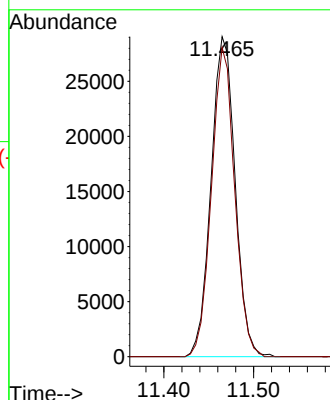
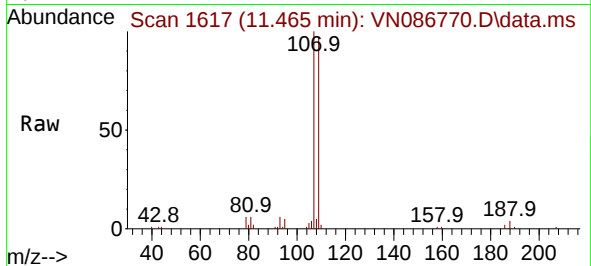




#61
1,2-Dibromoethane
Concen: 19.395 ug/l
RT: 11.465 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

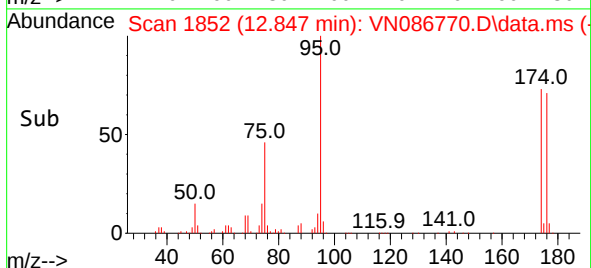
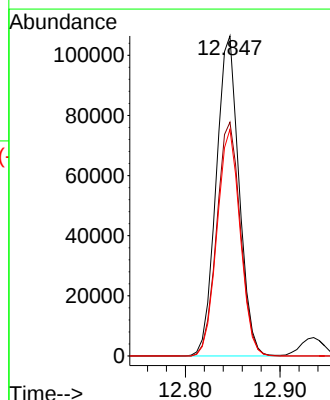
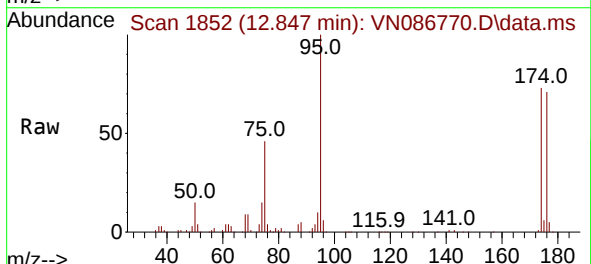
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

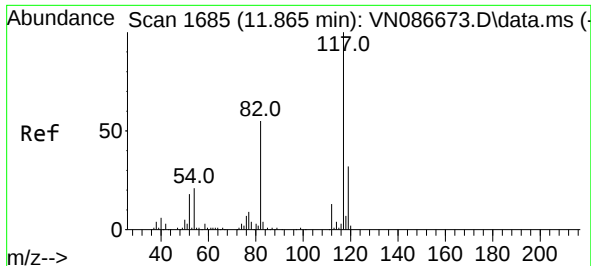
Tgt Ion:107 Resp: 54124
Ion Ratio Lower Upper
107 100
109 93.0 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 49.073 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion: 95 Resp: 178744
Ion Ratio Lower Upper
95 100
174 75.4 0.0 145.4
176 71.3 0.0 137.8

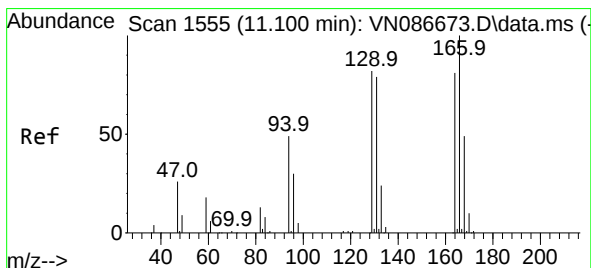
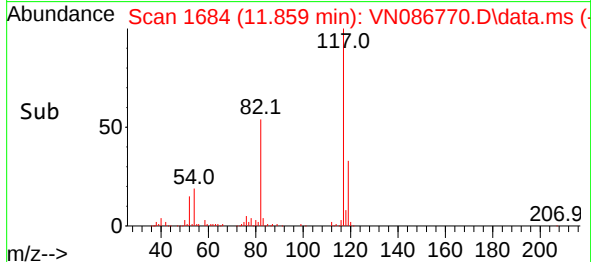
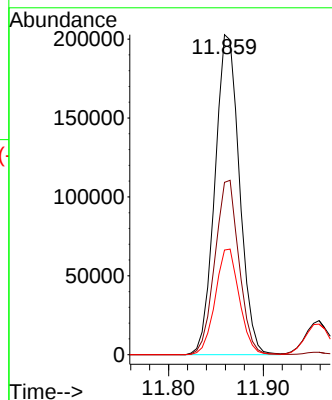
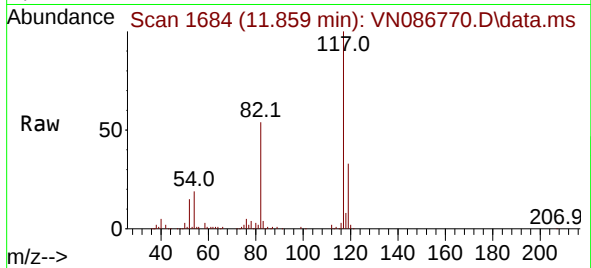




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

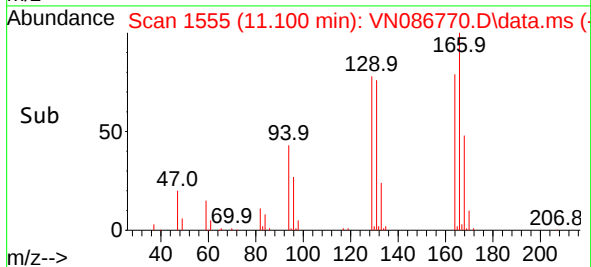
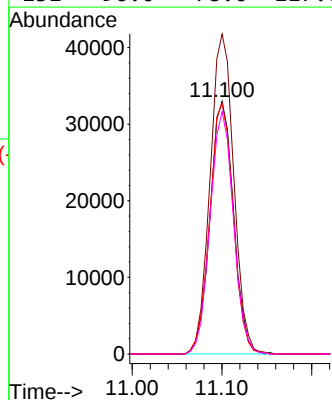
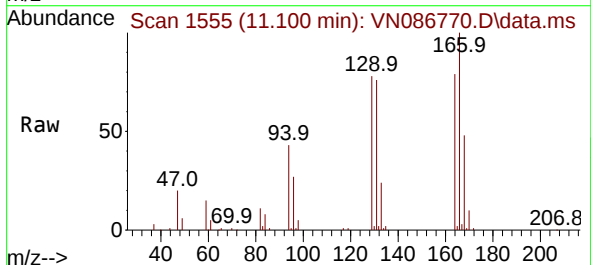
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

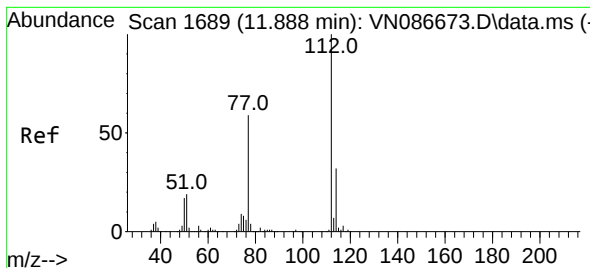
Tgt Ion:117 Resp: 365055
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 32.7 25.4 38.2



#64
Tetrachloroethene
Concen: 21.468 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion:164 Resp: 60036
Ion Ratio Lower Upper
164 100
166 126.7 98.2 147.4
129 99.2 81.0 121.4
131 96.0 78.0 117.0

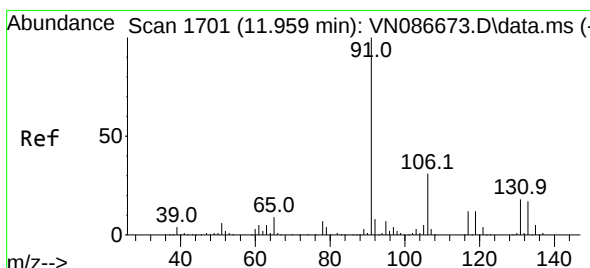
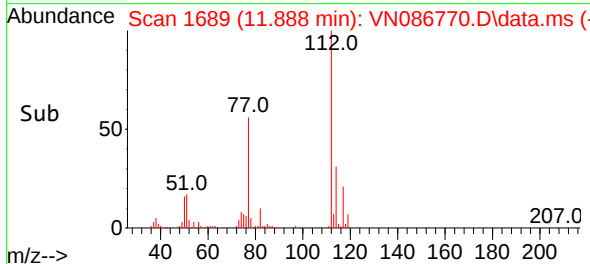
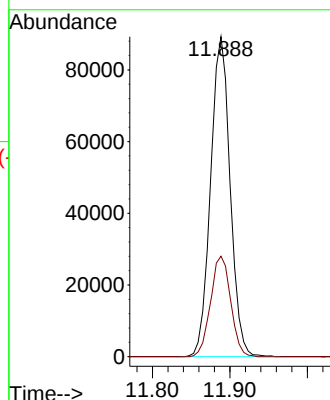
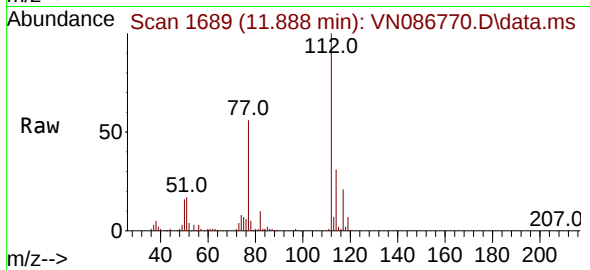




#65
Chlorobenzene
Concen: 19.575 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

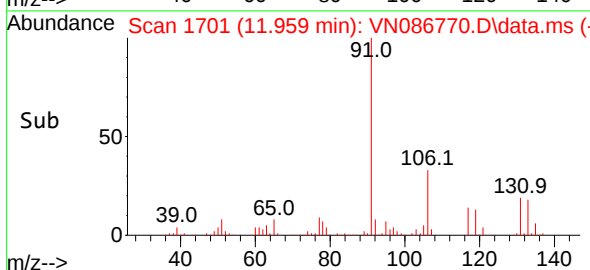
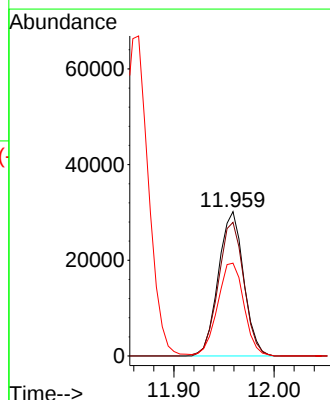
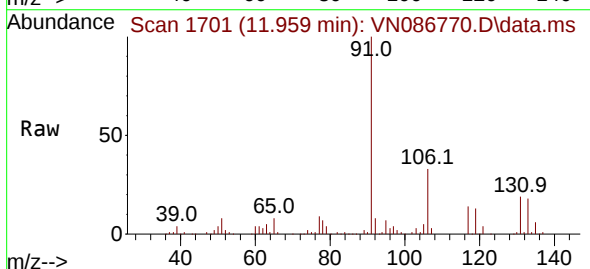
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

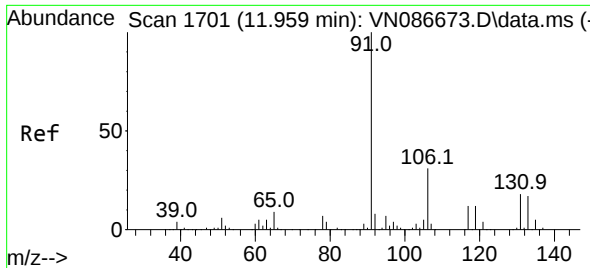
Tgt Ion:112 Resp: 156701
Ion Ratio Lower Upper
112 100
114 31.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.530 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion:131 Resp: 53053
Ion Ratio Lower Upper
131 100
133 93.4 47.9 143.7
119 66.9 33.6 100.8

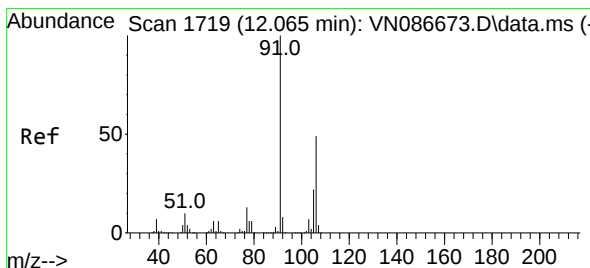
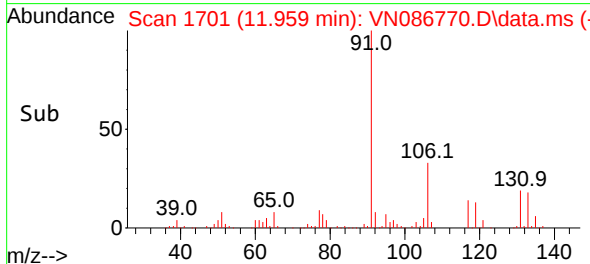
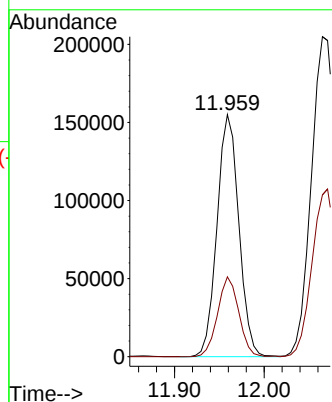
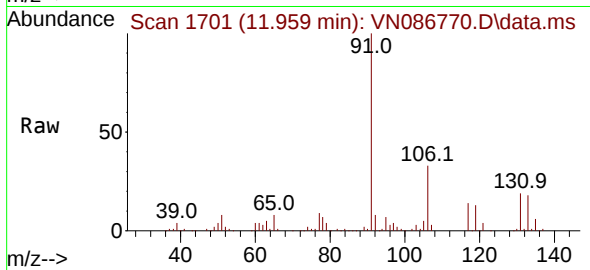




#67
Ethyl Benzene
Concen: 19.088 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

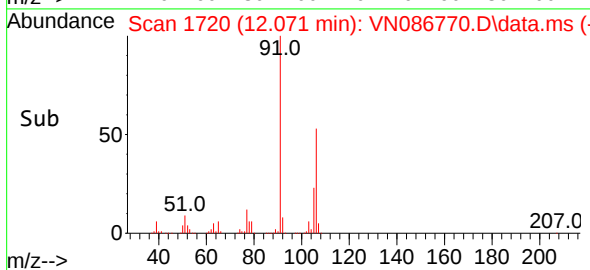
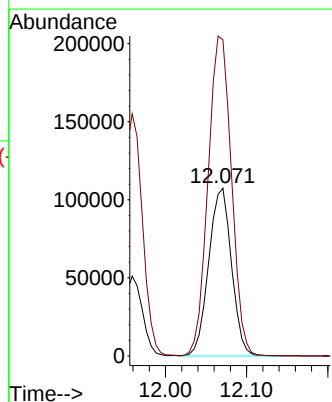
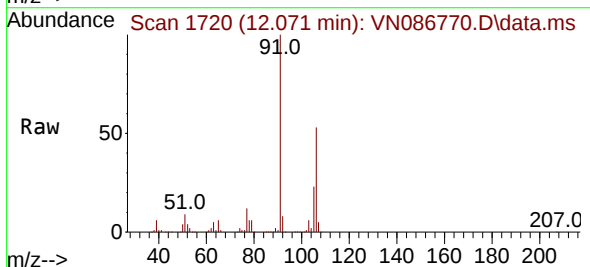
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

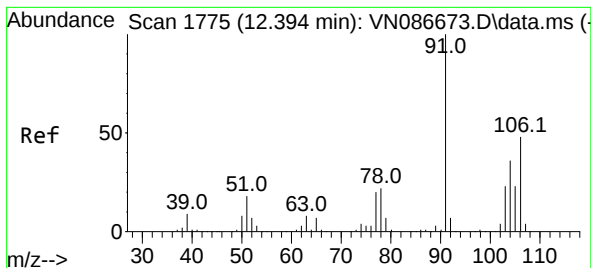
Tgt Ion: 91 Resp: 261725
Ion Ratio Lower Upper
91 100
106 33.0 24.6 36.8



#68
m/p-Xylenes
Concen: 40.301 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion:106 Resp: 209295
Ion Ratio Lower Upper
106 100
91 196.4 162.4 243.6





#69

o-Xylene

Concen: 19.728 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN086770.D

Acq: 23 May 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

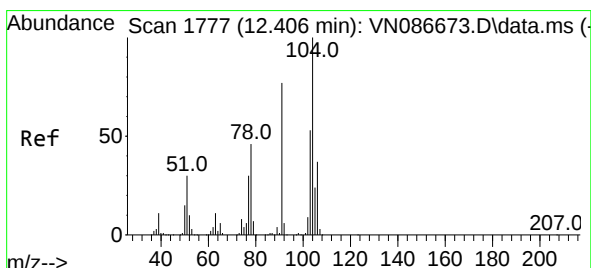
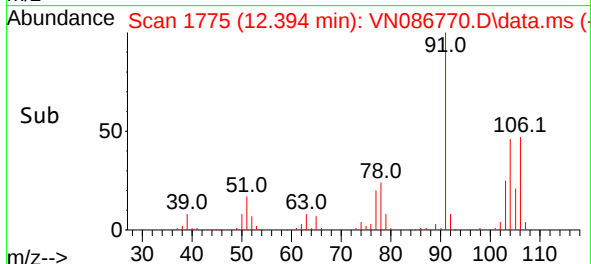
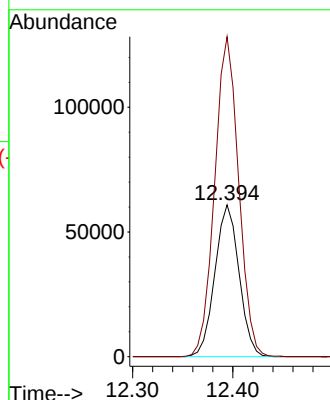
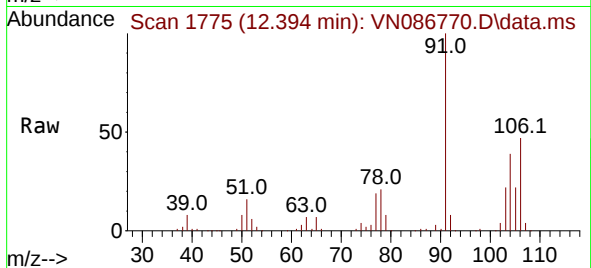
VN0523WBSD01

Tgt Ion:106 Resp: 101857

Ion Ratio Lower Upper

106 100

91 209.4 105.1 315.1



#70

Styrene

Concen: 20.166 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN086770.D

Acq: 23 May 2025 11:50

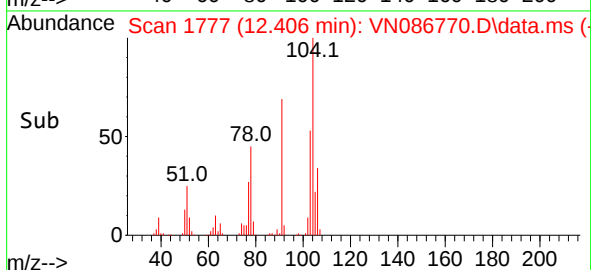
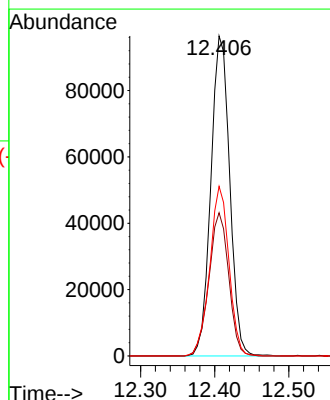
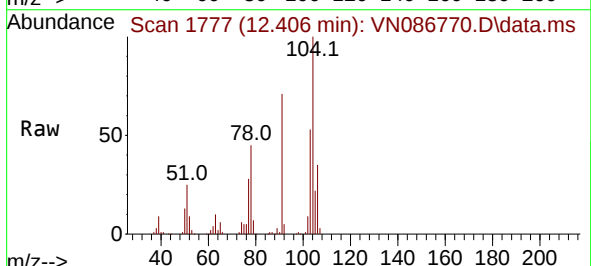
Tgt Ion:104 Resp: 170464

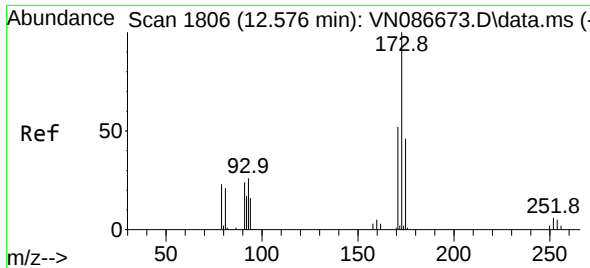
Ion Ratio Lower Upper

104 100

78 47.0 39.0 58.6

103 54.1 43.8 65.8

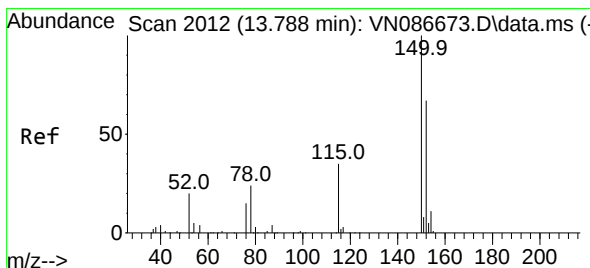
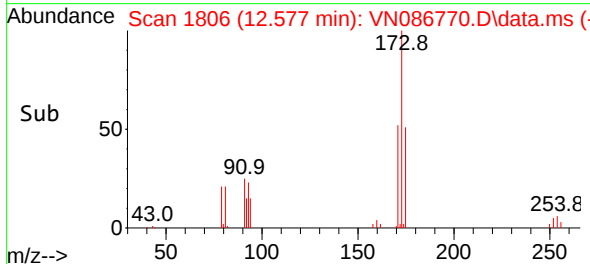
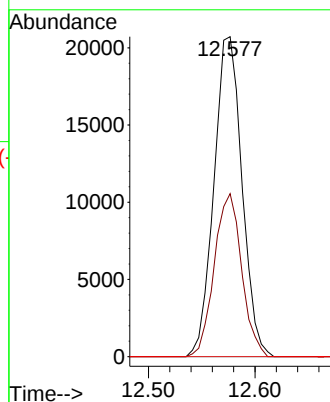
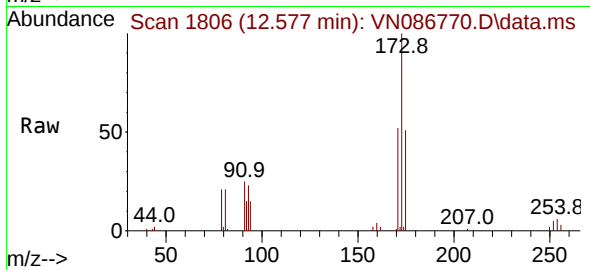




#71
Bromoform
Concen: 20.589 ug/l
RT: 12.577 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

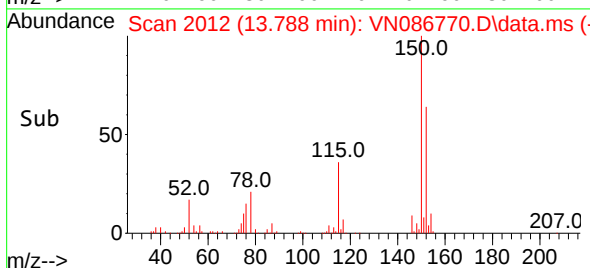
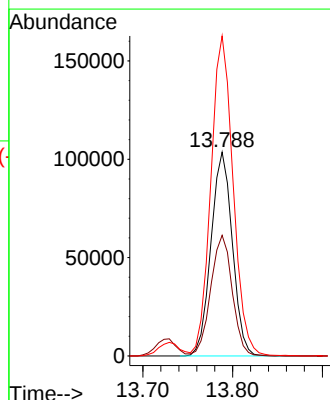
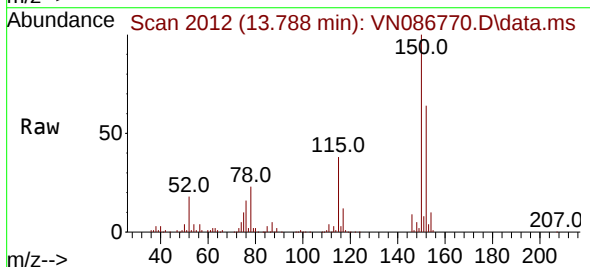
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

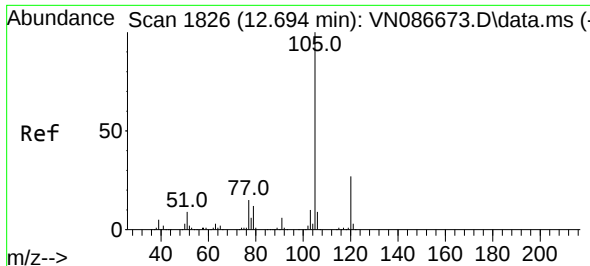
Tgt Ion:173 Resp: 37839
Ion Ratio Lower Upper
173 100
175 49.7 23.4 70.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion:152 Resp: 171389
Ion Ratio Lower Upper
152 100
115 59.5 30.0 90.1
150 163.4 0.0 347.8

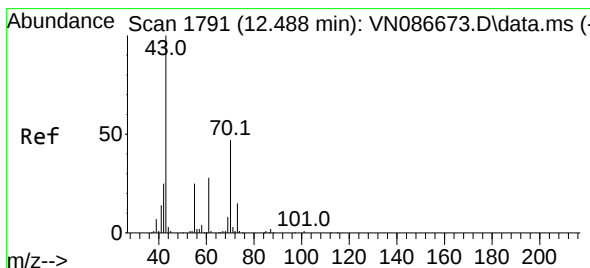
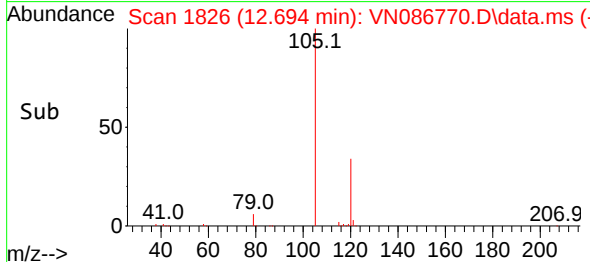
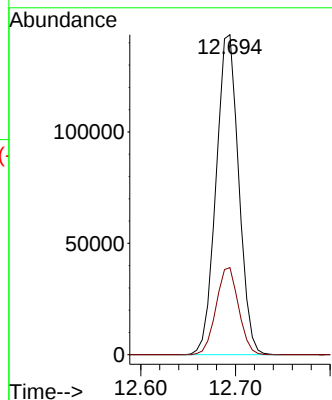
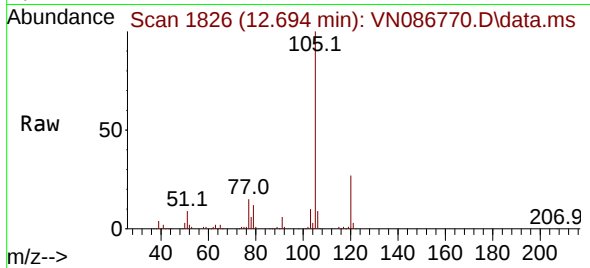




#73
Isopropylbenzene
Concen: 18.054 ug/l
RT: 12.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

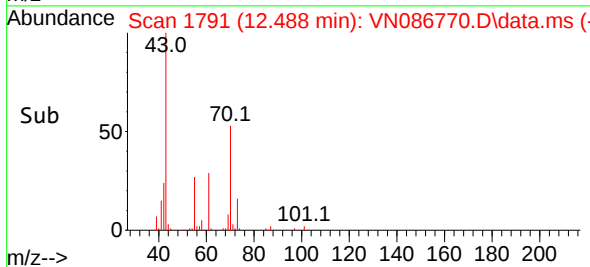
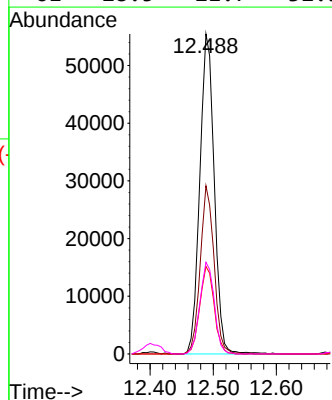
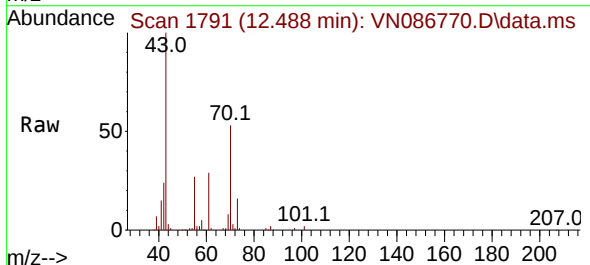
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

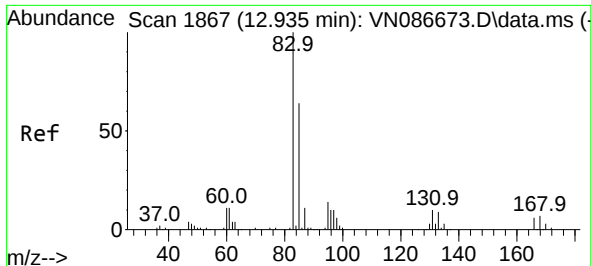
Tgt Ion:105 Resp: 238982
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1



#74
N-ethyl acetate
Concen: 15.903 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion: 43 Resp: 87953
Ion Ratio Lower Upper
43 100
70 50.3 37.9 56.9
55 27.3 20.5 30.7
61 28.5 21.7 32.5

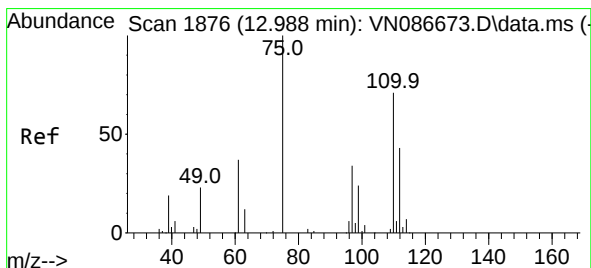
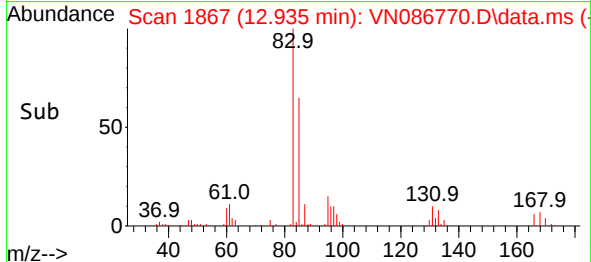
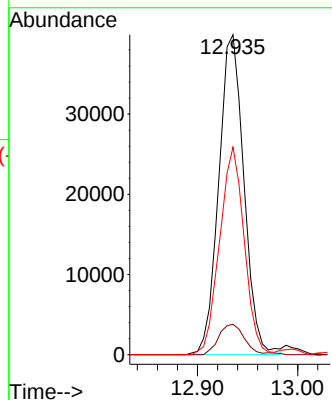
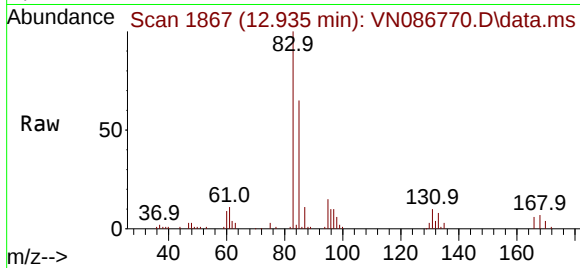




#75
1,1,2,2-Tetrachloroethane
Concen: 17.077 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

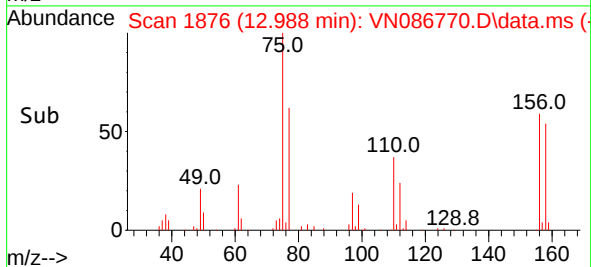
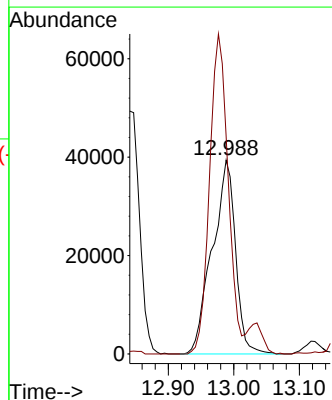
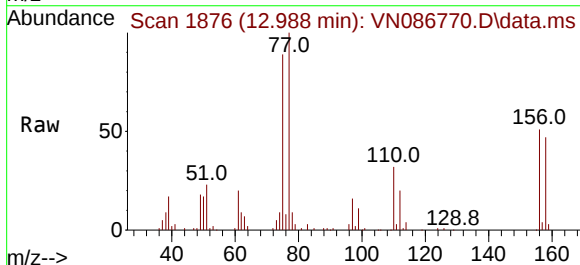
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

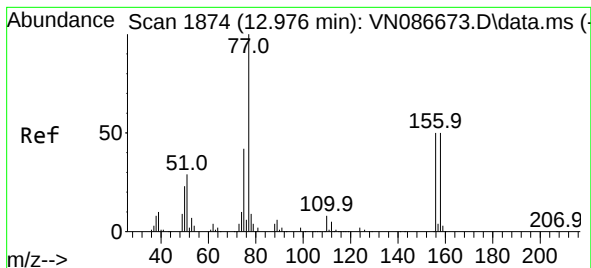
Tgt Ion: 83 Resp: 69445
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 63.3 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 24.985 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion: 75 Resp: 96844
Ion Ratio Lower Upper
75 100
77 133.5 96.0 288.1





#77

Bromobenzene

Concen: 18.837 ug/l

RT: 12.977 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN086770.D

Acq: 23 May 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

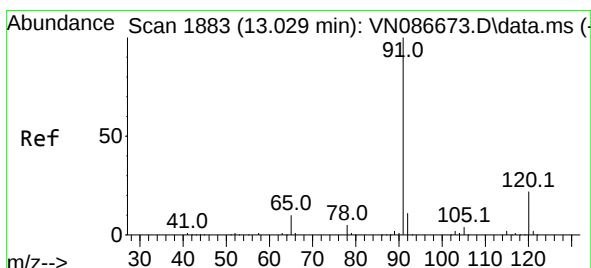
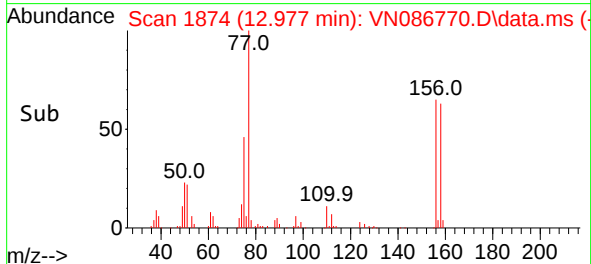
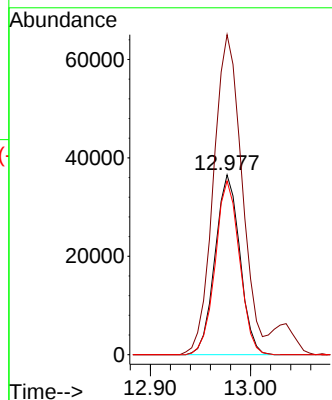
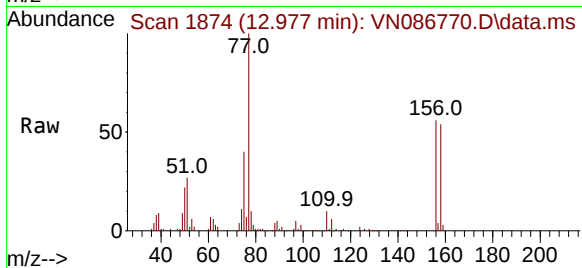
Tgt Ion:156 Resp: 62722

Ion Ratio Lower Upper

156 100

77 206.1 113.1 339.2

158 94.6 48.6 145.9



#78

n-propylbenzene

Concen: 17.882 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN086770.D

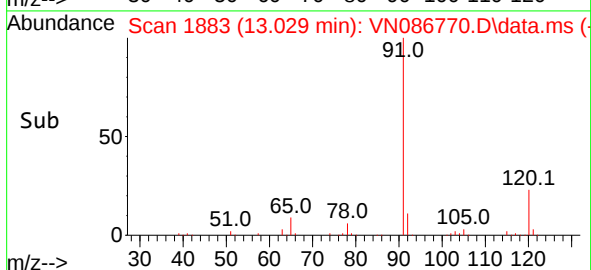
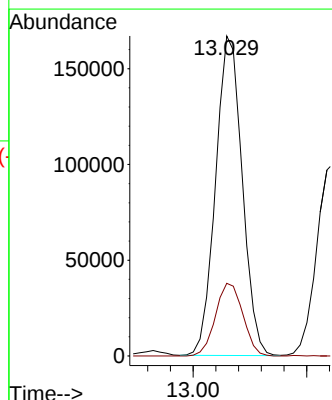
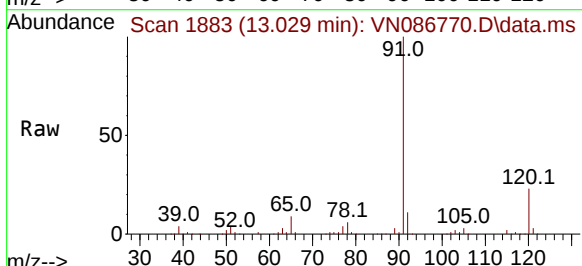
Acq: 23 May 2025 11:50

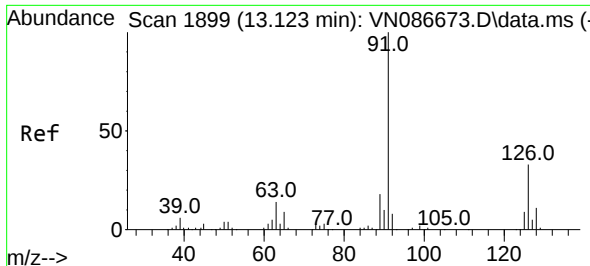
Tgt Ion: 91 Resp: 271639

Ion Ratio Lower Upper

91 100

120 23.3 11.4 34.1

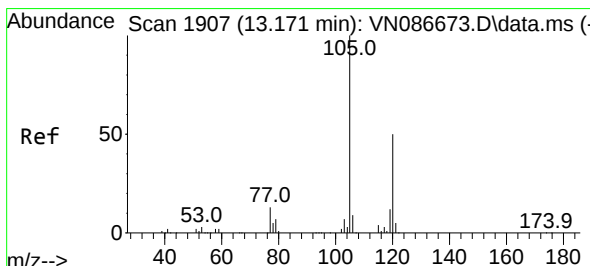
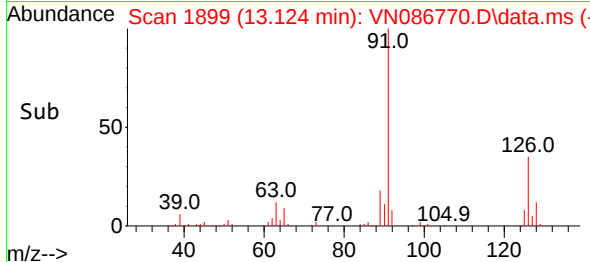
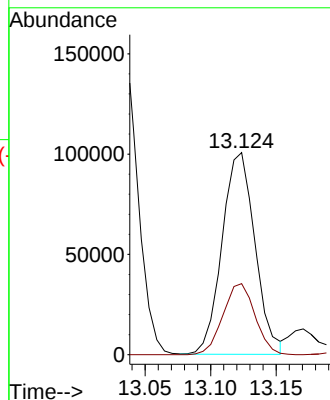
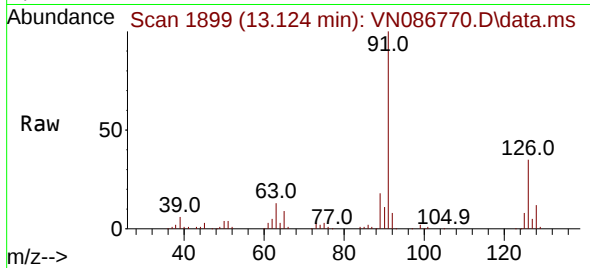




#79
2-Chlorotoluene
Concen: 17.828 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

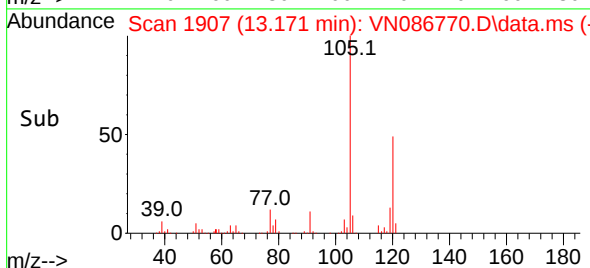
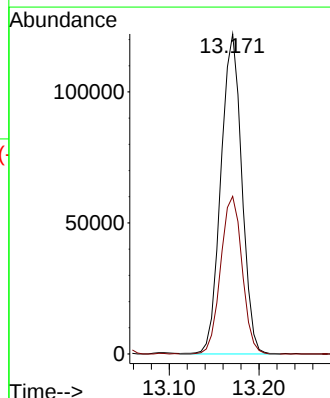
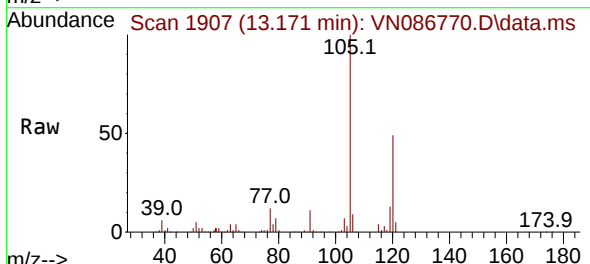
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

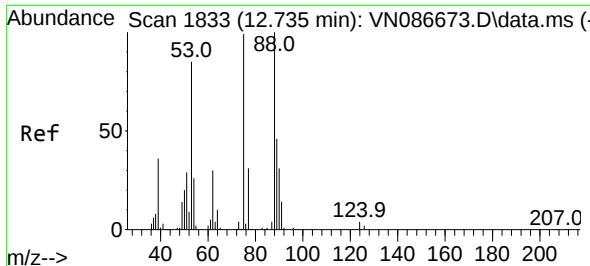
Tgt Ion: 91 Resp: 176093
Ion Ratio Lower Upper
91 100
126 34.2 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 18.608 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion:105 Resp: 197345
Ion Ratio Lower Upper
105 100
120 50.4 24.9 74.6

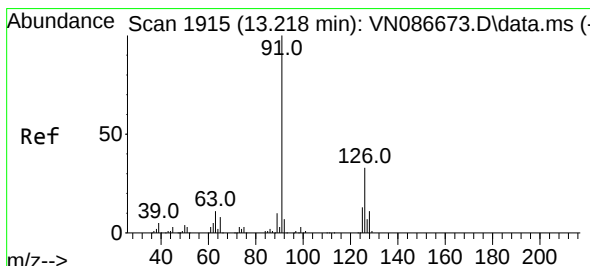
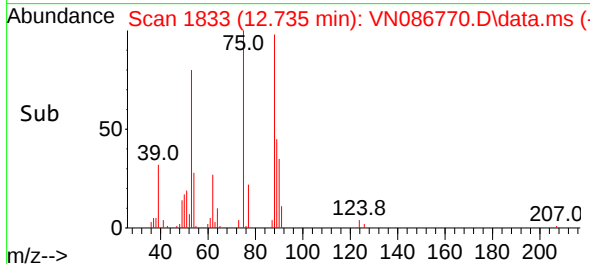
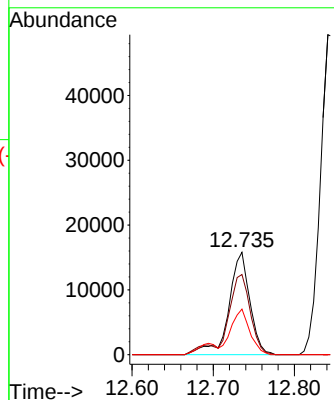
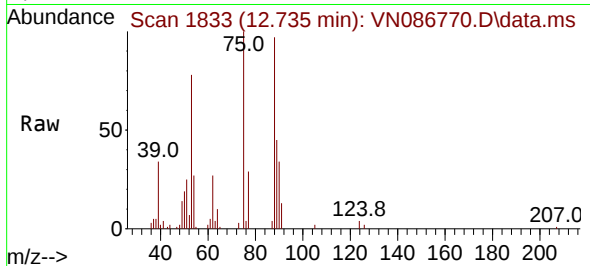




#81
trans-1,4-Dichloro-2-butene
Concen: 18.462 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

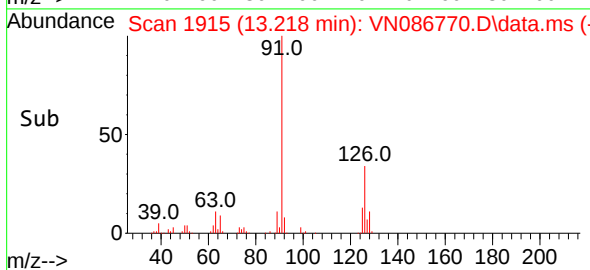
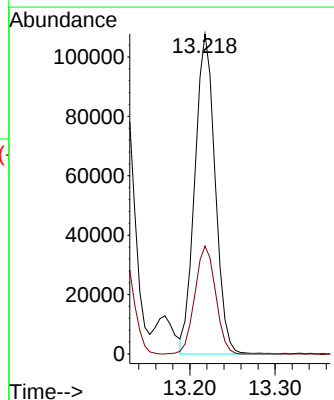
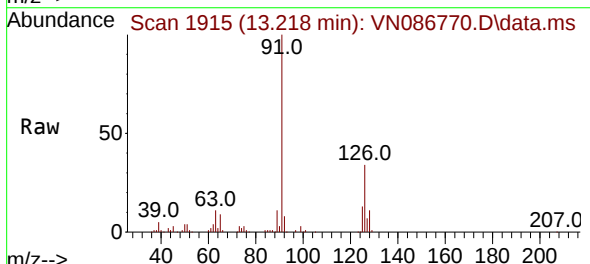
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

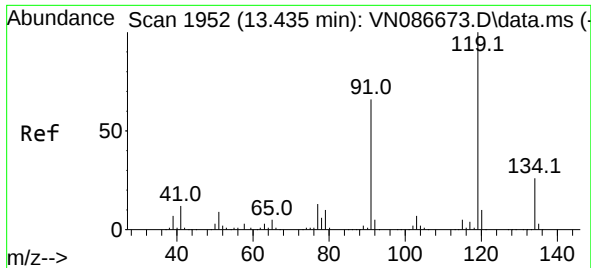
Tgt Ion: 75 Resp: 28356
Ion Ratio Lower Upper
75 100
53 75.3 70.4 105.6
89 40.2 32.4 48.6



#82
4-Chlorotoluene
Concen: 18.148 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion: 91 Resp: 177589
Ion Ratio Lower Upper
91 100
126 34.5 17.0 50.9

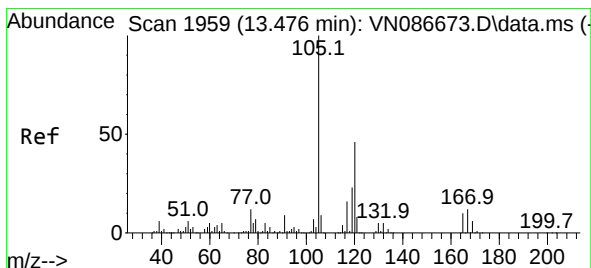
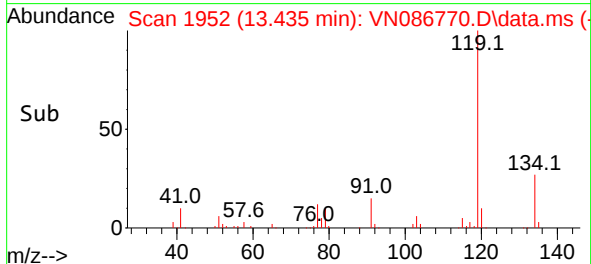
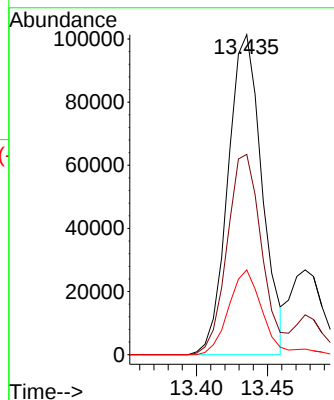
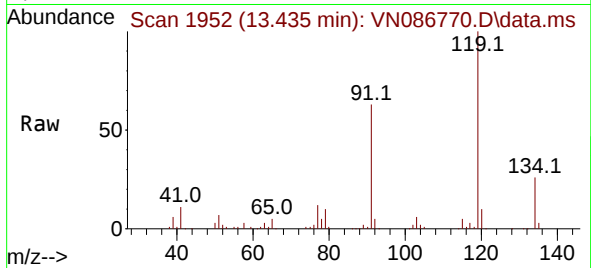




#83
 tert-Butylbenzene
 Concen: 18.311 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN086770.D
 Acq: 23 May 2025 11:50

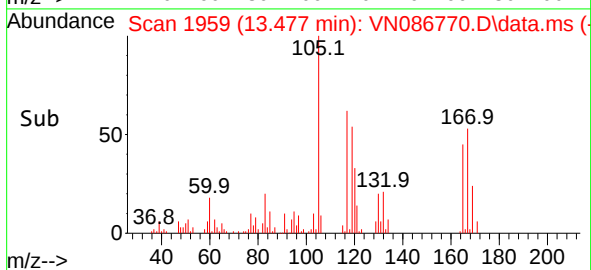
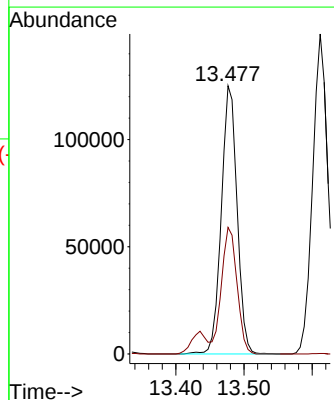
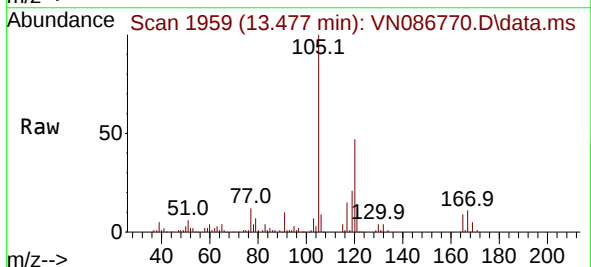
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

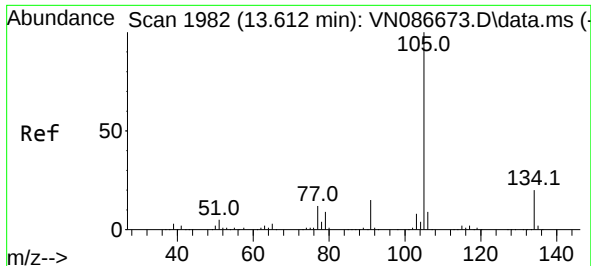
Tgt Ion:119 Resp: 169350
 Ion Ratio Lower Upper
 119 100
 91 64.2 32.9 98.7
 134 26.6 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.061 ug/l
 RT: 13.477 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VN086770.D
 Acq: 23 May 2025 11:50

Tgt Ion:105 Resp: 201301
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.2 69.6

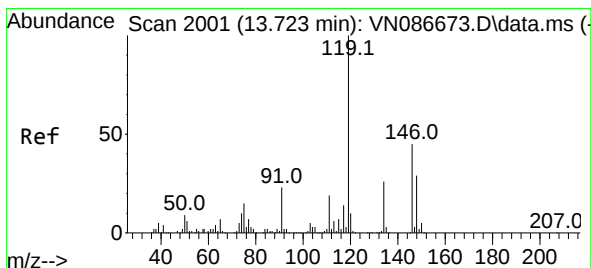
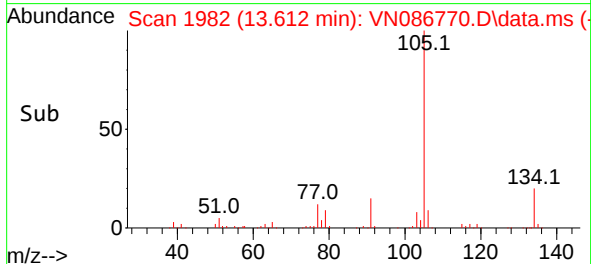
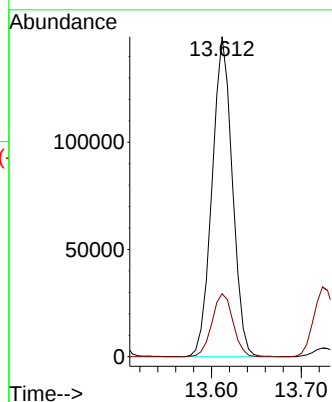
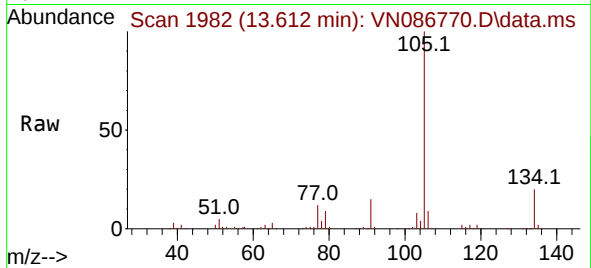




#85
 sec-Butylbenzene
 Concen: 18.867 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086770.D
 Acq: 23 May 2025 11:50

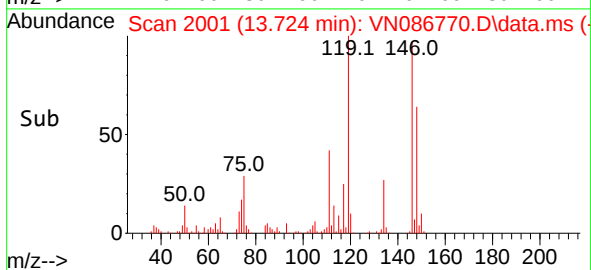
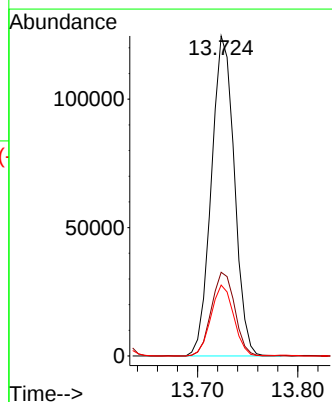
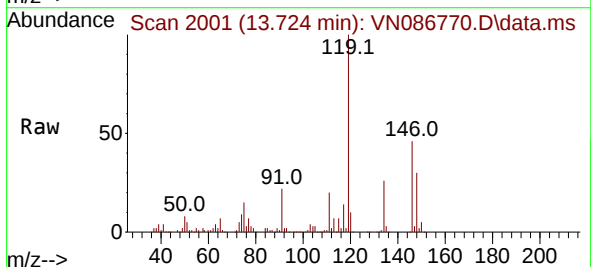
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

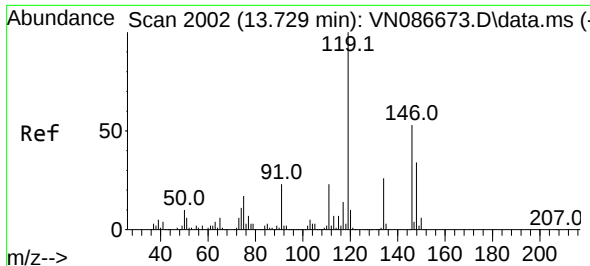
Tgt Ion:105 Resp: 233970
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.486 ug/l
 RT: 13.724 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086770.D
 Acq: 23 May 2025 11:50

Tgt Ion:119 Resp: 198072
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.1
 91 22.0 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 19.344 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN086770.D

Acq: 23 May 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

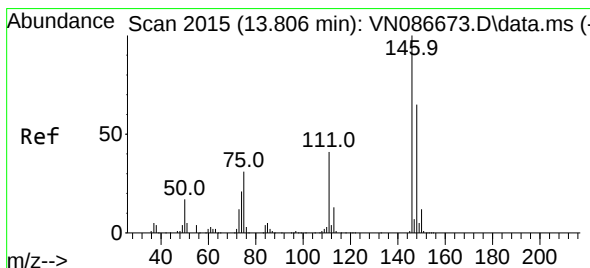
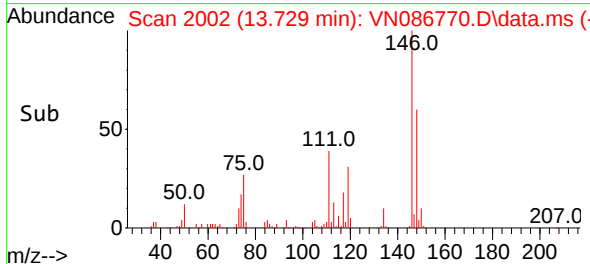
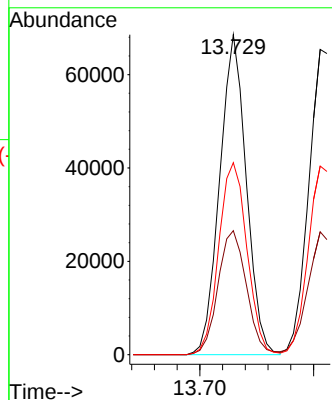
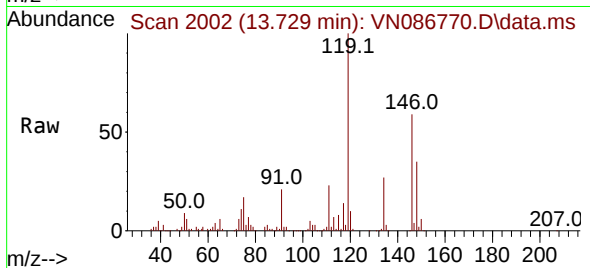
Tgt Ion:146 Resp: 111537

Ion Ratio Lower Upper

146 100

111 41.3 20.9 62.7

148 63.6 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 19.649 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. 0.000 min

Lab File: VN086770.D

Acq: 23 May 2025 11:50

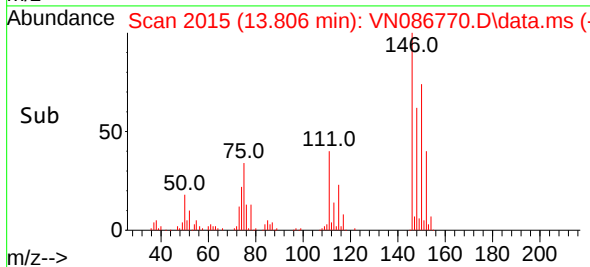
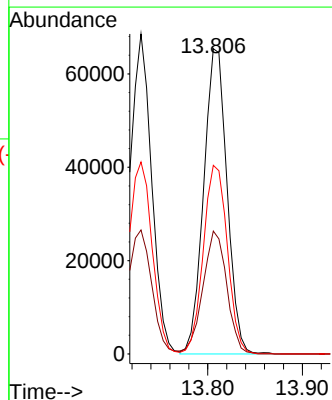
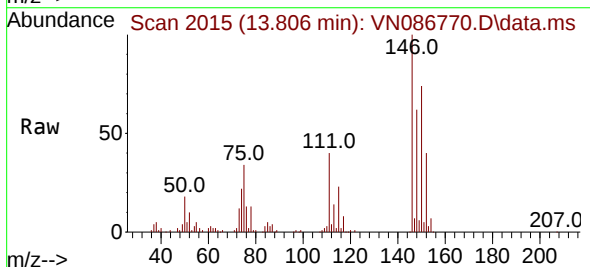
Tgt Ion:146 Resp: 112252

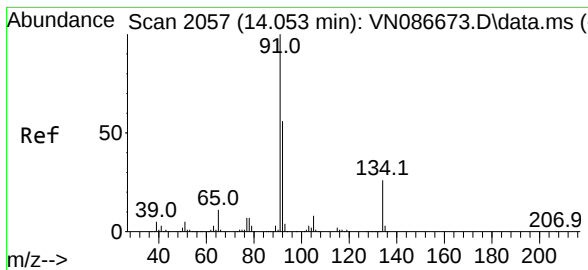
Ion Ratio Lower Upper

146 100

111 41.4 20.6 61.8

148 63.6 32.0 96.0

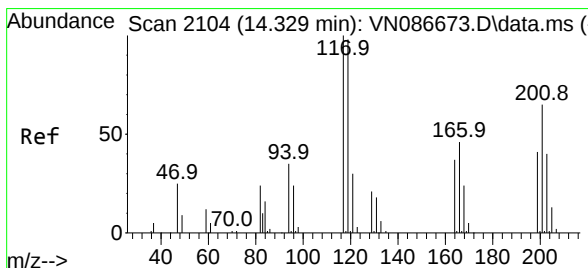
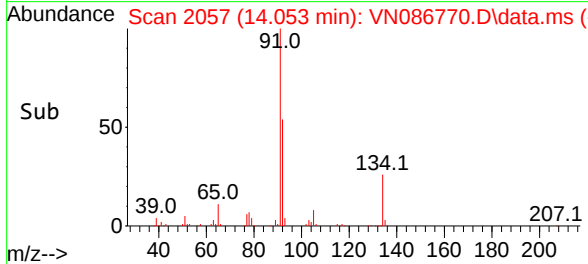
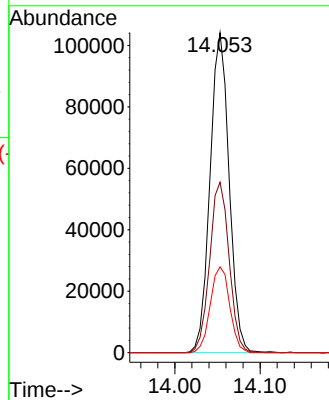
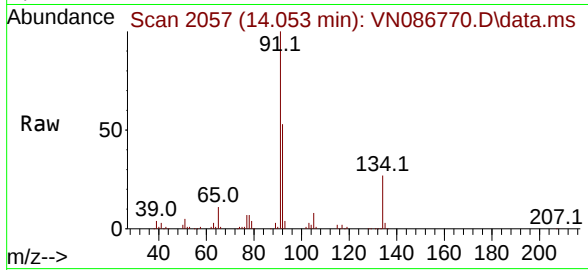




#89
n-Butylbenzene
Concen: 19.225 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

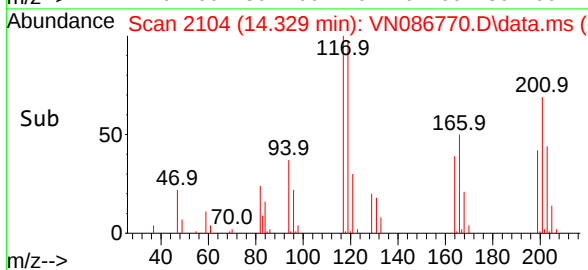
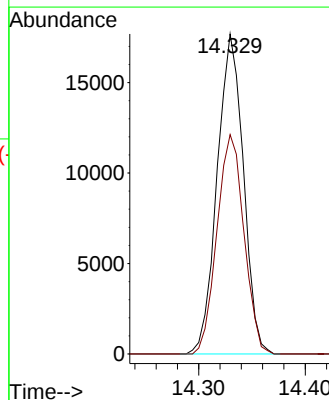
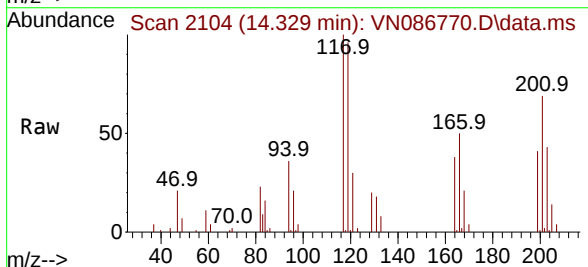
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

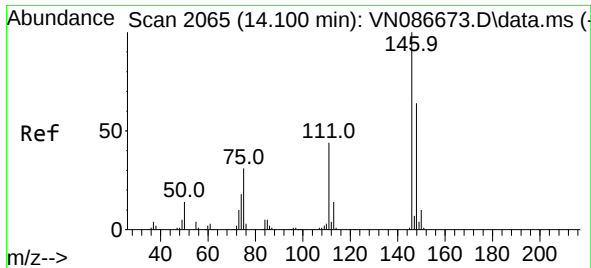
Tgt Ion: 91 Resp: 162006
Ion Ratio Lower Upper
91 100
92 54.3 27.4 82.0
134 27.3 12.8 38.4



#90
Hexachloroethane
Concen: 17.909 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion: 117 Resp: 30205
Ion Ratio Lower Upper
117 100
201 70.5 32.0 96.0

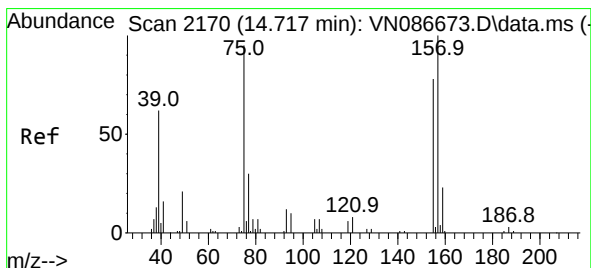
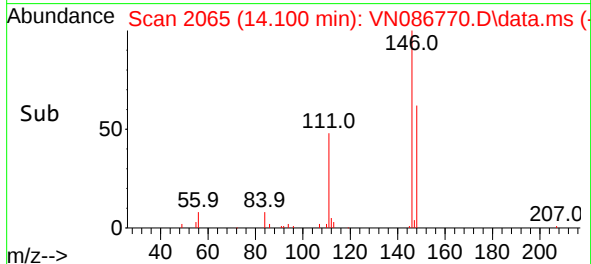
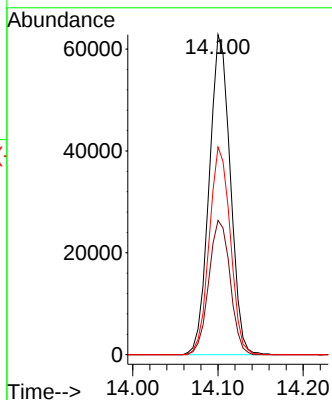
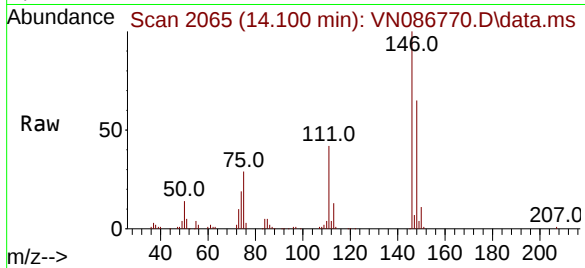




#91
1,2-Dichlorobenzene
Concen: 19.688 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

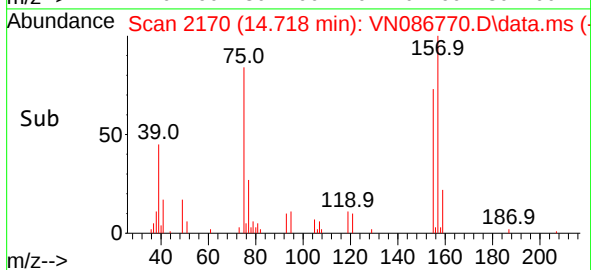
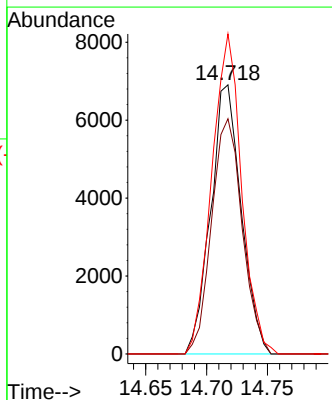
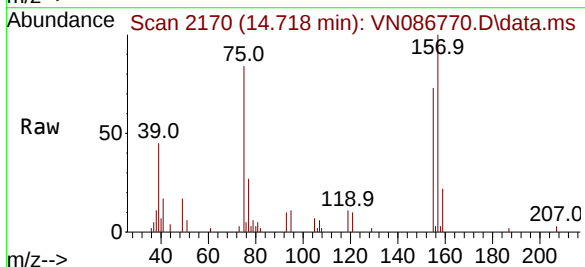
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

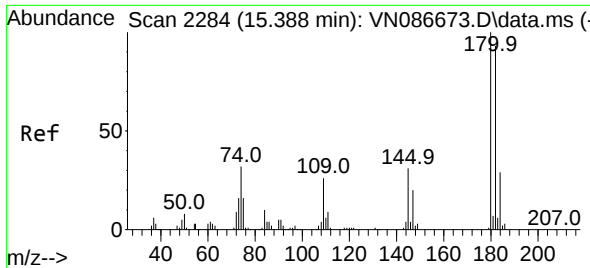
Tgt Ion:146 Resp: 107977
Ion Ratio Lower Upper
146 100
111 42.4 21.6 65.0
148 64.9 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.939 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion: 75 Resp: 12085
Ion Ratio Lower Upper
75 100
155 87.5 40.5 121.5
157 115.8 53.6 160.8

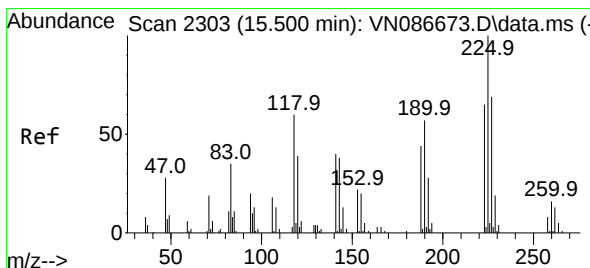
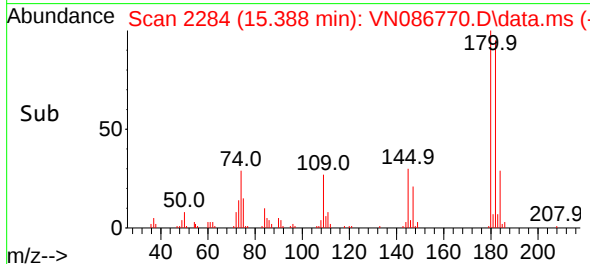
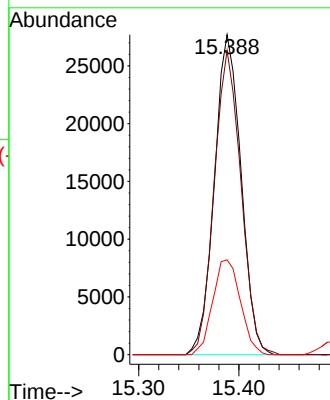
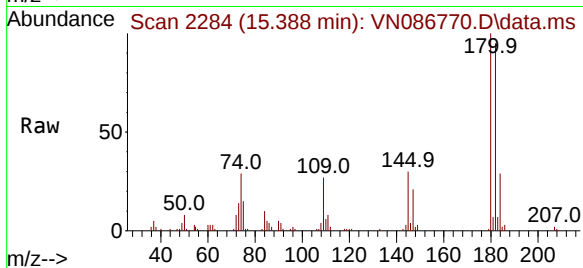




#93
1,2,4-Trichlorobenzene
Concen: 22.004 ug/l
RT: 15.388 min Scan# 210
Delta R.T. 0.000 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

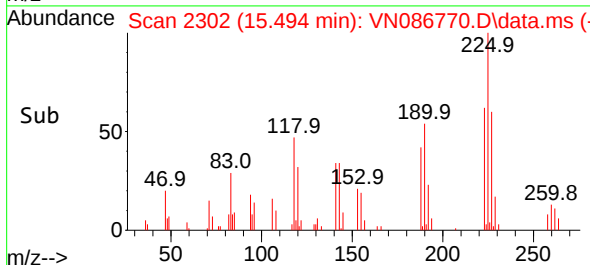
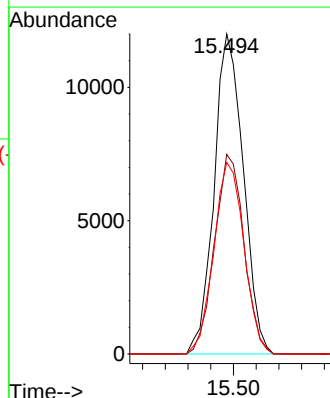
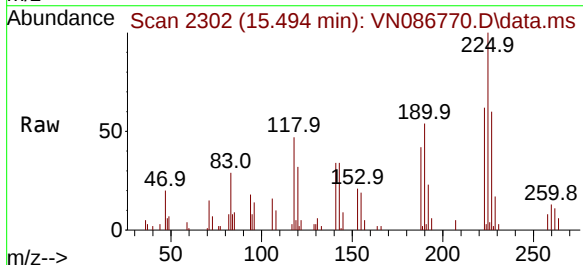
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

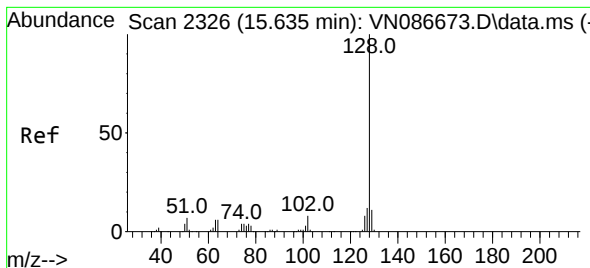
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.1	141.3
145	30.9	15.6	46.8



#94
Hexachlorobutadiene
Concen: 22.304 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086770.D
Acq: 23 May 2025 11:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.9	98.6
227	61.7	32.4	97.2





#95

Naphthalene

Concen: 21.048 ug/l

RT: 15.635 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN086770.D

Acq: 23 May 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD01

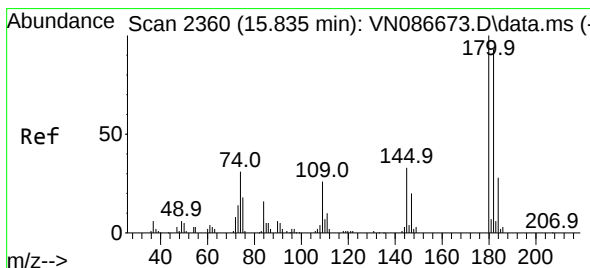
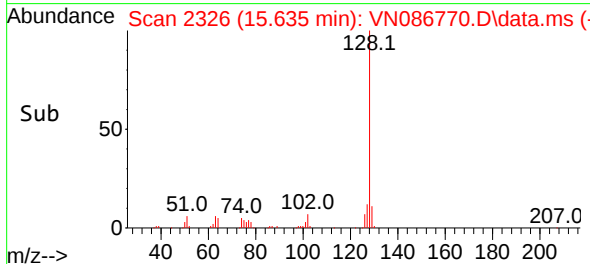
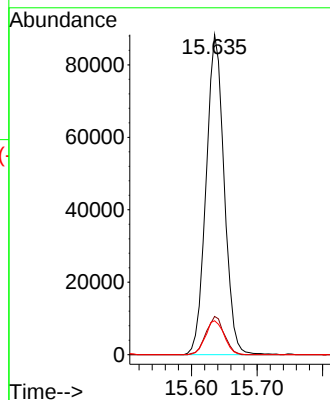
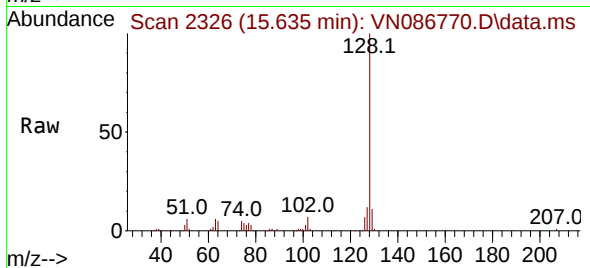
Tgt Ion:128 Resp: 169184

Ion Ratio Lower Upper

128 100

127 12.0 10.1 15.1

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.100 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN086770.D

Acq: 23 May 2025 11:50

Tgt Ion:180 Resp: 47835

Ion Ratio Lower Upper

180 100

182 99.0 47.0 141.2

145 33.0 16.7 50.1

