

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
 Data File : VN086594.D
 Acq On : 13 May 2025 12:09
 Operator : JC\MD
 Sample : VN0513WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBSD01

Quant Time: May 14 01:40:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	165653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	305133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121911	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118679	49.406	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.820%
35) Dibromofluoromethane	8.165	113	90882	64.175	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	128.340%#
50) Toluene-d8	10.565	98	362358	47.876	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.760%
62) 4-Bromofluorobenzene	12.847	95	130854	47.400	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	43462	22.133	ug/l	97
3) Chloromethane	2.359	50	55767	19.540	ug/l	97
4) Vinyl Chloride	2.512	62	52972	19.450	ug/l	99
5) Bromomethane	2.953	94	31625	25.816	ug/l	96
6) Chloroethane	3.118	64	35096	19.255	ug/l	91
7) Trichlorofluoromethane	3.494	101	62015	20.557	ug/l	98
8) Diethyl Ether	3.965	74	26368	20.022	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	37022	20.287	ug/l	97
10) Methyl Iodide	4.583	142	45113	22.485	ug/l	97
11) Tert butyl alcohol	5.518	59	44160	100.756	ug/l	99
12) 1,1-Dichloroethene	4.336	96	37700	19.336	ug/l	98
13) Acrolein	4.177	56	28081	130.169	ug/l	98
14) Allyl chloride	5.024	41	57151	16.489	ug/l	98
15) Acrylonitrile	5.718	53	109975	101.503	ug/l	99
16) Acetone	4.430	43	89755	104.756	ug/l	97
17) Carbon Disulfide	4.712	76	105349	18.046	ug/l	97
18) Methyl Acetate	5.024	43	50377	17.471	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	143690	20.049	ug/l	98
20) Methylene Chloride	5.271	84	45693	20.576	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	40167	19.705	ug/l	90
22) Diisopropyl ether	6.671	45	138934	18.427	ug/l	97
23) Vinyl Acetate	6.600	43	522368	99.108	ug/l	97
24) 1,1-Dichloroethane	6.565	63	77413	19.459	ug/l	99
25) 2-Butanone	7.482	43	145161	97.085	ug/l	98
26) 2,2-Dichloropropane	7.482	77	67837	19.045	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	50660	20.024	ug/l	96
28) Bromochloromethane	7.812	49	33392	19.796	ug/l	89
29) Tetrahydrofuran	7.835	42	98523	98.538	ug/l	98
30) Chloroform	7.965	83	80547	20.611	ug/l	99
31) Cyclohexane	8.253	56	68168	17.511	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	67616	20.226	ug/l	97
36) 1,1-Dichloropropene	8.371	75	54989	19.441	ug/l	100
37) Ethyl Acetate	7.559	43	60160	20.202	ug/l	100
38) Carbon Tetrachloride	8.365	117	57528	21.357	ug/l	96
39) Methylcyclohexane	9.600	83	60635	18.035	ug/l	97
40) Benzene	8.606	78	183073	20.201	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	33361	19.330	ug/l	99
42) 1,2-Dichloroethane	8.665	62	61834	21.396	ug/l	100
43) Isopropyl Acetate	8.688	43	113791	19.903	ug/l	98
44) Trichloroethene	9.353	130	44110	20.535	ug/l	94
45) 1,2-Dichloropropane	9.618	63	44181	19.916	ug/l	99
46) Dibromomethane	9.706	93	31602	22.358	ug/l	96
47) Bromodichloromethane	9.888	83	62584	20.501	ug/l	99
48) Methyl methacrylate	9.676	41	48190	18.428	ug/l	97
49) 1,4-Dioxane	9.694	88	20416	458.970	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	303884	99.654	ug/l	97
52) Toluene	10.629	92	116420	20.588	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	68297	20.042	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	72759	19.439	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	44205	21.727	ug/l	98
56) Ethyl methacrylate	10.870	69	73390	19.624	ug/l	97
57) 1,3-Dichloropropane	11.159	76	75932	21.035	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	151700	85.463	ug/l	97
59) 2-Hexanone	11.194	43	224910	99.438	ug/l	99
60) Dibromochloromethane	11.353	129	48081	21.521	ug/l	99
61) 1,2-Dibromoethane	11.465	107	45026	21.933	ug/l	100
64) Tetrachloroethene	11.100	164	41770	19.774	ug/l	94
65) Chlorobenzene	11.888	112	125243	20.436	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	42675	21.108	ug/l	99
67) Ethyl Benzene	11.959	91	217501	19.667	ug/l	99
68) m/p-Xylenes	12.070	106	164716	39.750	ug/l	97
69) o-Xylene	12.394	106	82598	20.156	ug/l	98
70) Styrene	12.406	104	135666	19.869	ug/l	99
71) Bromoform	12.576	173	31551	20.728	ug/l #	100
73) Isopropylbenzene	12.694	105	197849	19.839	ug/l	100
74) N-amyl acetate	12.494	43	90642	18.258	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	63526	22.155	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	83990	29.194	ug/l	56
77) Bromobenzene	12.976	156	49783	22.530	ug/l	91
78) n-propylbenzene	13.029	91	228801	19.470	ug/l	100
79) 2-Chlorotoluene	13.123	91	145395	19.773	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	159259	19.512	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	25098	20.952	ug/l	90
82) 4-Chlorotoluene	13.217	91	143278	19.615	ug/l	98
83) tert-Butylbenzene	13.435	119	138147	19.533	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	160879	19.363	ug/l	99
85) sec-Butylbenzene	13.611	105	187119	19.074	ug/l	100
86) p-Isopropyltoluene	13.723	119	154353	19.089	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	85051	20.475	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	85647	20.471	ug/l	99
89) n-Butylbenzene	14.053	91	130434	18.199	ug/l	99
90) Hexachloroethane	14.329	117	27213	20.008	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	83833	20.816	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11198	19.368	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	37122	19.250	ug/l	98
94) Hexachlorobutadiene	15.494	225	14542	19.977	ug/l	98
95) Naphthalene	15.635	128	133610	19.545	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	36205	19.831	ug/l	98

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QLast Update : Wed Apr 16 04:19:23 2025
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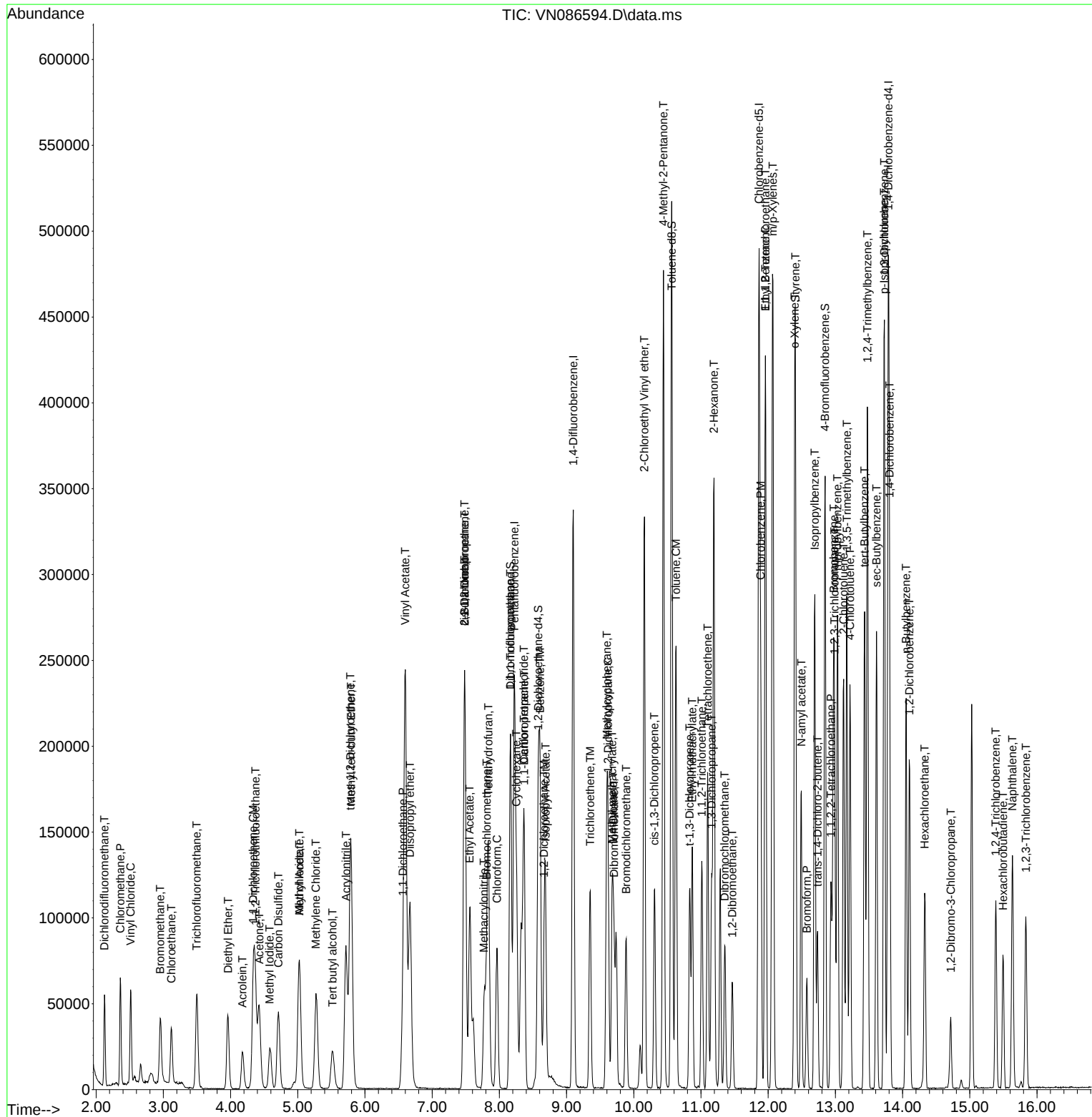
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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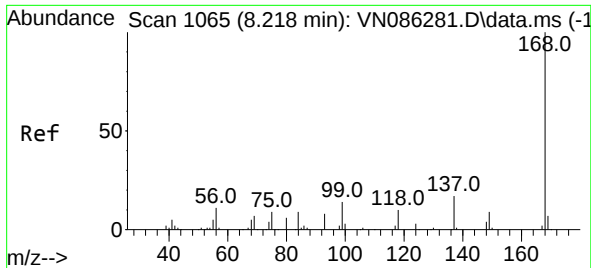
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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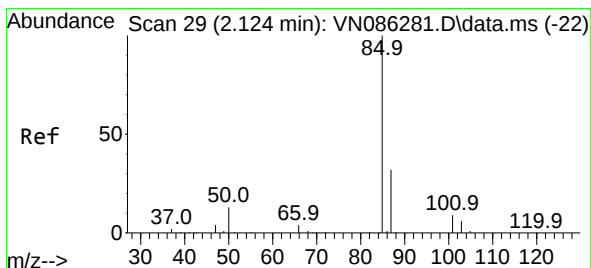
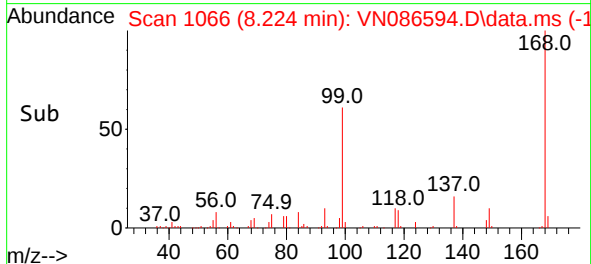
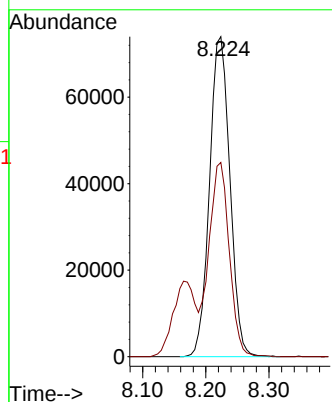
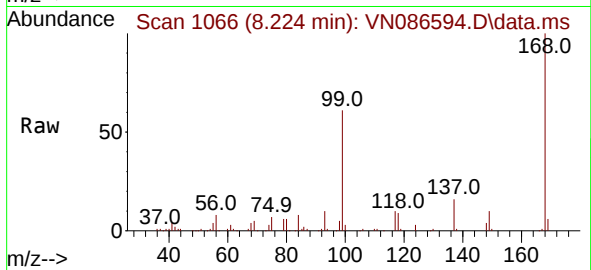




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
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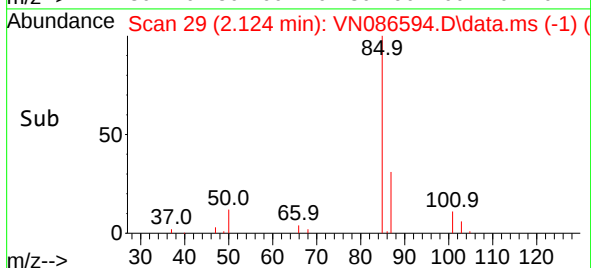
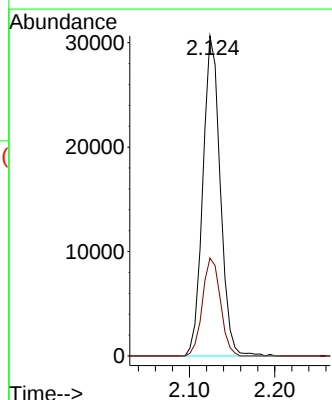
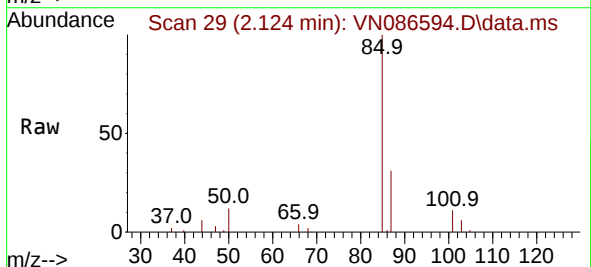
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

Tgt Ion:168 Resp: 165653
Ion Ratio Lower Upper
168 100
99 60.7 52.5 78.7



#2
Dichlorodifluoromethane
Concen: 22.133 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion: 85 Resp: 43462
Ion Ratio Lower Upper
85 100
87 30.6 16.3 48.8

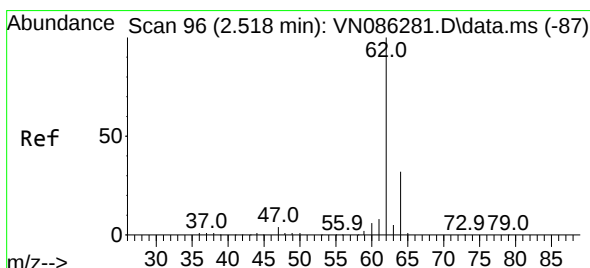
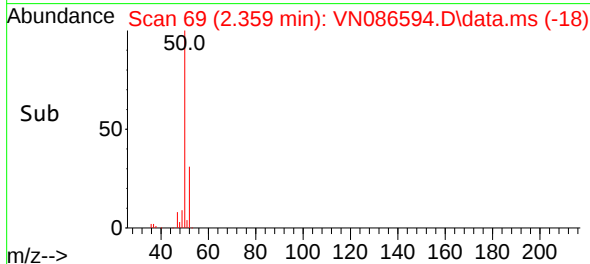
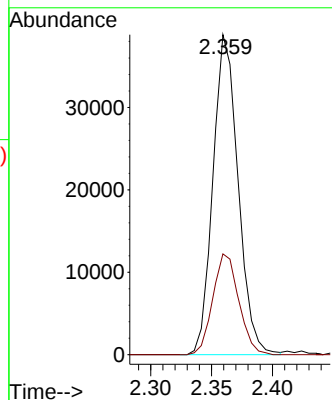
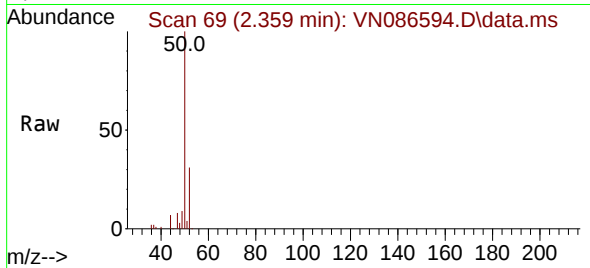




#3
Chloromethane
Concen: 19.540 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

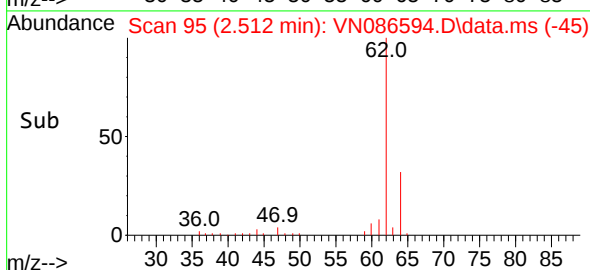
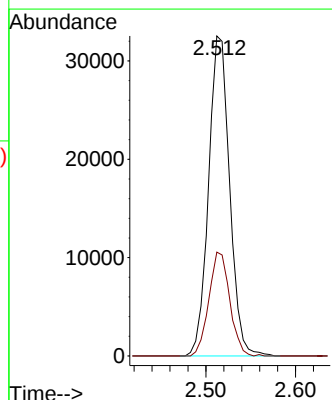
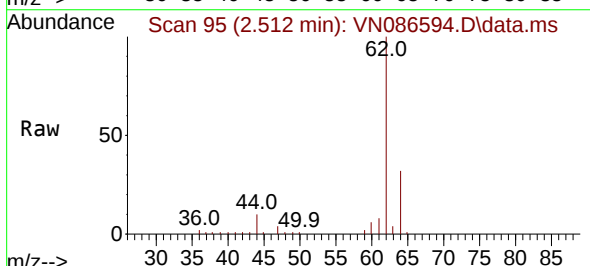
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

Tgt Ion: 50 Resp: 55767
Ion Ratio Lower Upper
50 100
52 31.5 26.5 39.7



#4
Vinyl Chloride
Concen: 19.450 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion: 62 Resp: 52972
Ion Ratio Lower Upper
62 100
64 32.5 25.6 38.4

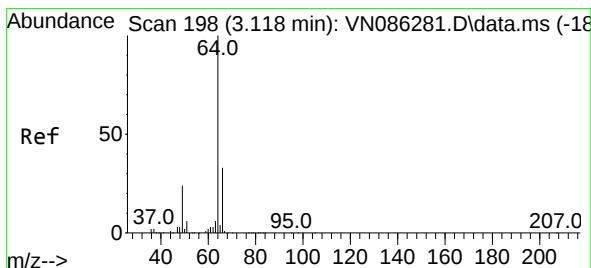
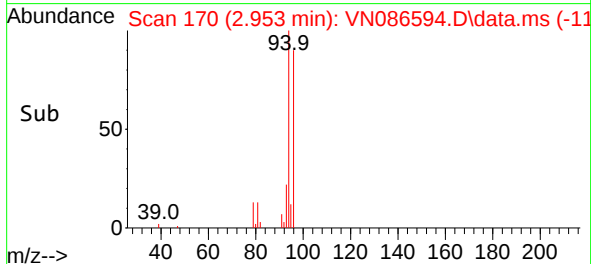
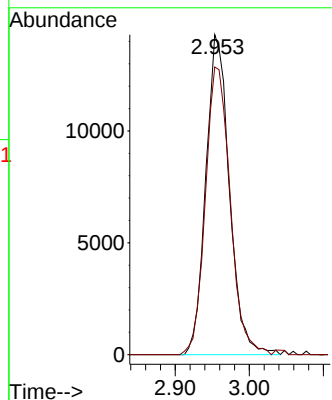
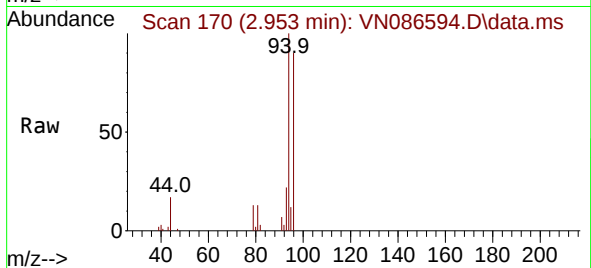




#5
Bromomethane
Concen: 25.816 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086594.D
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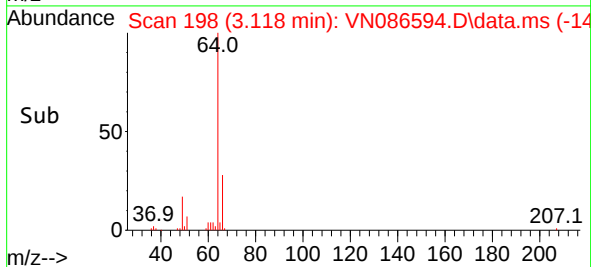
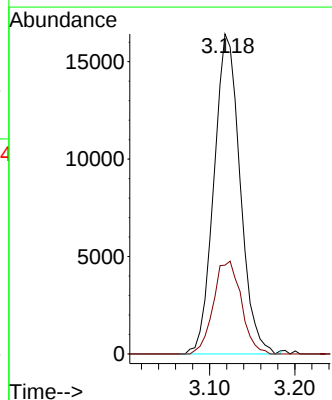
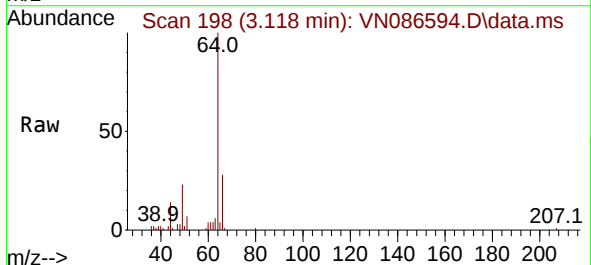
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 31625
Ion Ratio Lower Upper
94 100
96 89.9 75.2 112.8



#6
Chloroethane
Concen: 19.255 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion: 64 Resp: 35096
Ion Ratio Lower Upper
64 100
66 27.7 26.2 39.2

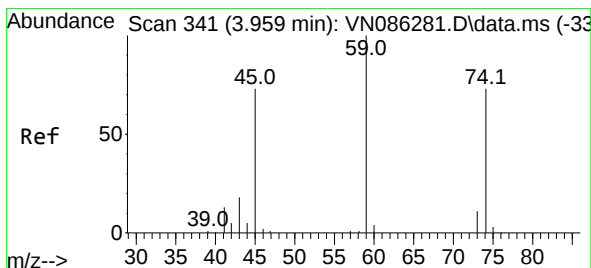
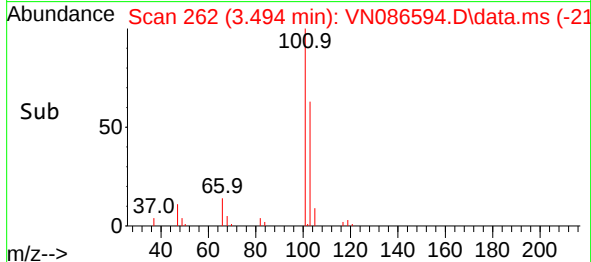
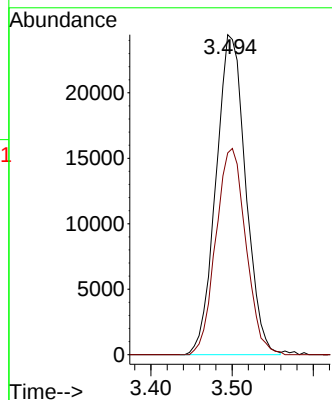
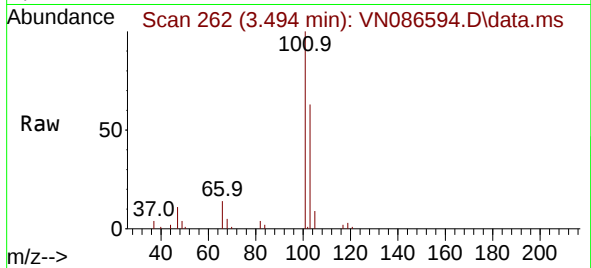




#7
 Trichlorofluoromethane
 Concen: 20.557 ug/l
 RT: 3.494 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN086594.D
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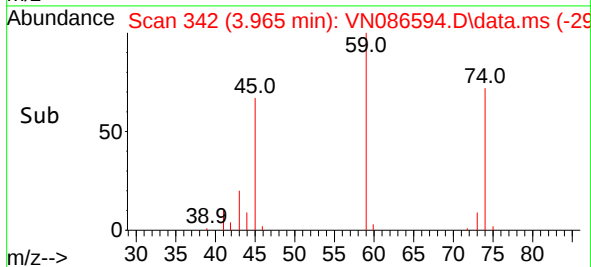
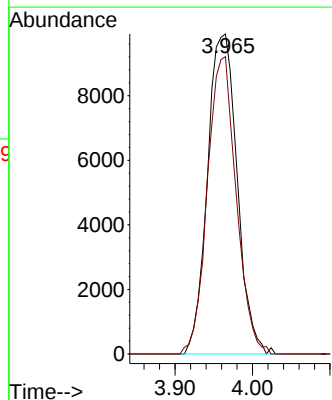
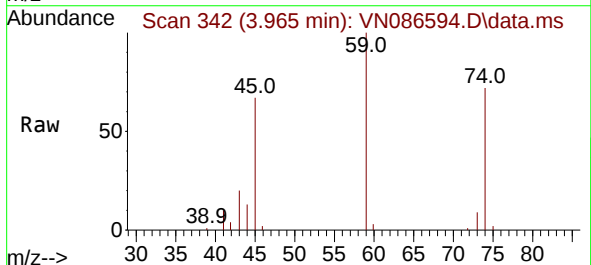
Instrument :
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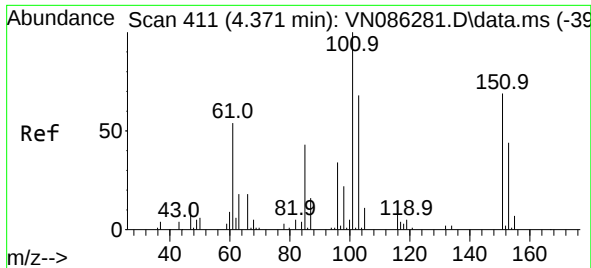
Tgt Ion:101 Resp: 62015
 Ion Ratio Lower Upper
 101 100
 103 63.1 49.2 73.8



#8
 Diethyl Ether
 Concen: 20.022 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN086594.D
 Acq: 13 May 2025 12:09

Tgt Ion: 74 Resp: 26368
 Ion Ratio Lower Upper
 74 100
 45 90.3 48.0 144.2

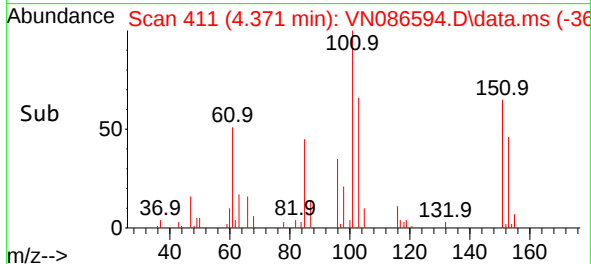
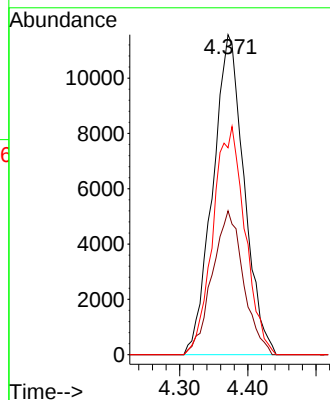
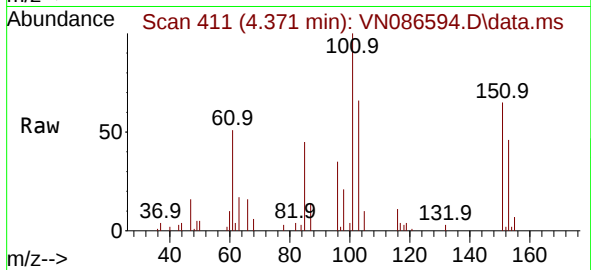




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.287 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086594.D
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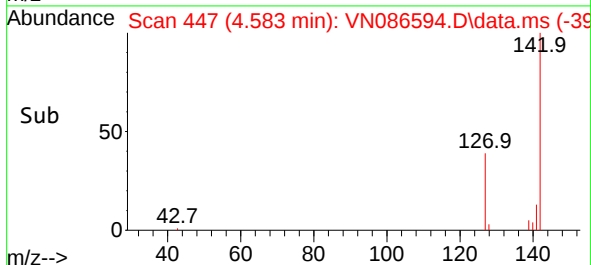
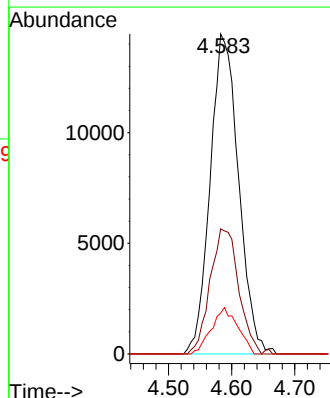
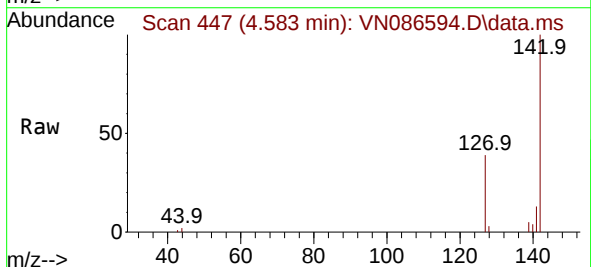
Instrument :
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ClientSampleId :
VN0513WBSD01

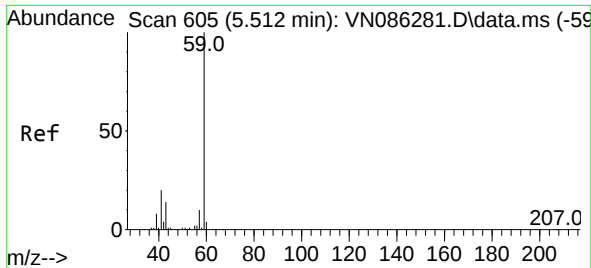
Tgt Ion:101 Resp: 37022
Ion Ratio Lower Upper
101 100
85 44.7 34.7 52.1
151 72.9 56.1 84.1



#10
Methyl Iodide
Concen: 22.485 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion:142 Resp: 45113
Ion Ratio Lower Upper
142 100
127 39.1 32.7 49.1
141 12.8 11.7 17.5

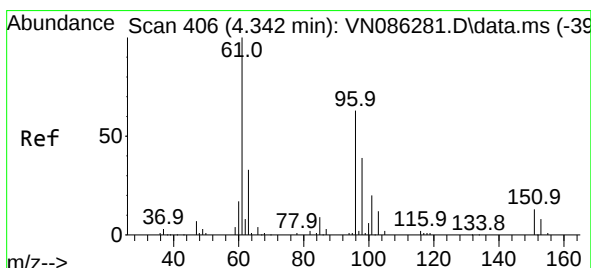
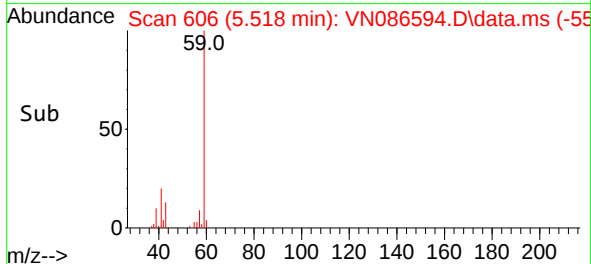
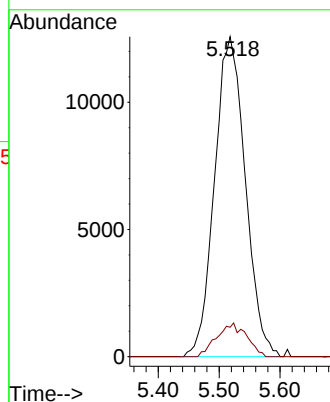
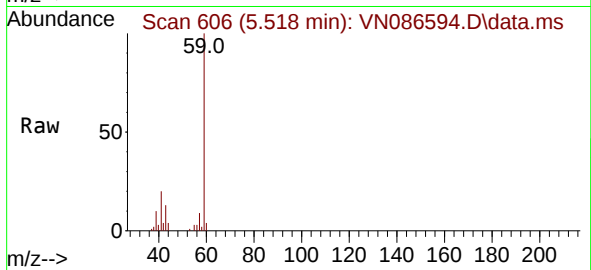




#11
Tert butyl alcohol
Concen: 100.756 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

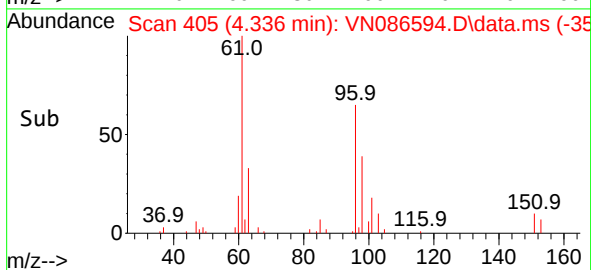
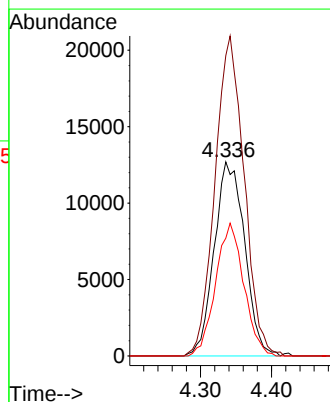
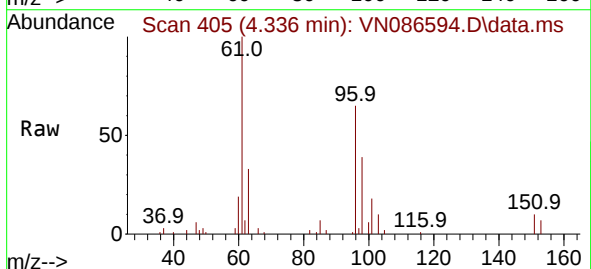
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

Tgt Ion: 59 Resp: 44160
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 19.336 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion: 96 Resp: 37700
Ion Ratio Lower Upper
96 100
61 154.8 126.6 189.8
98 60.7 49.6 74.4

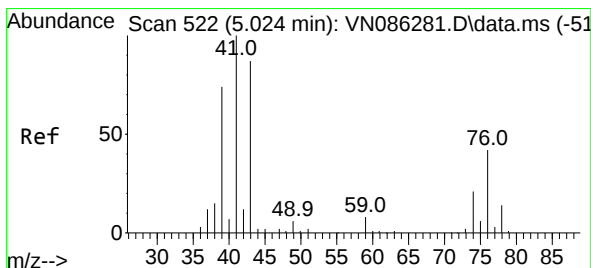
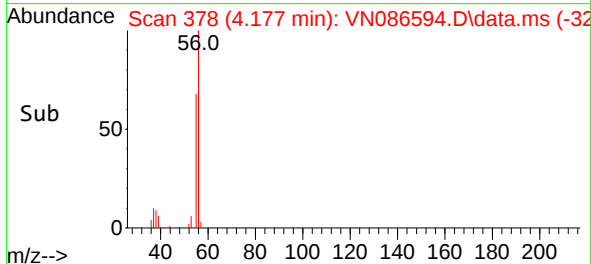
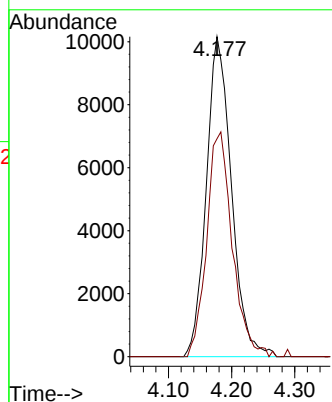
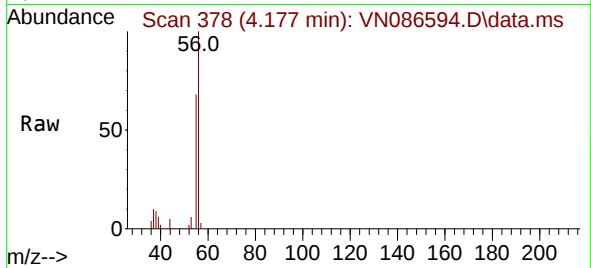




#13
Acrolein
Concen: 130.169 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

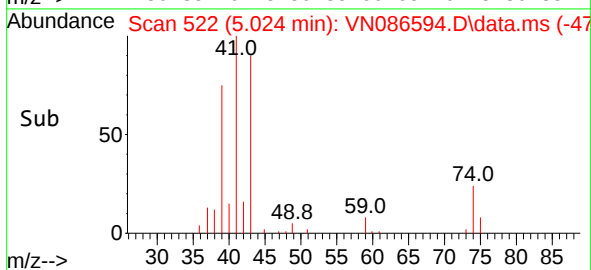
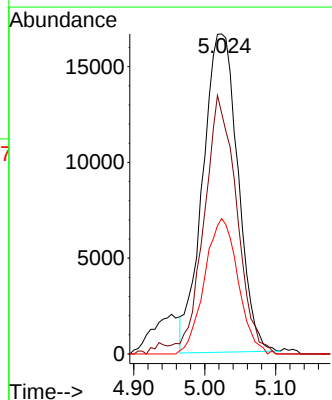
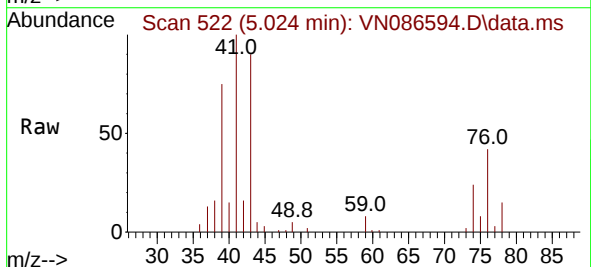
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

Tgt Ion: 56 Resp: 28081
Ion Ratio Lower Upper
56 100
55 71.5 58.5 87.7



#14
Allyl chloride
Concen: 16.489 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion: 41 Resp: 57151
Ion Ratio Lower Upper
41 100
39 75.1 59.2 88.8
76 40.4 31.2 46.8

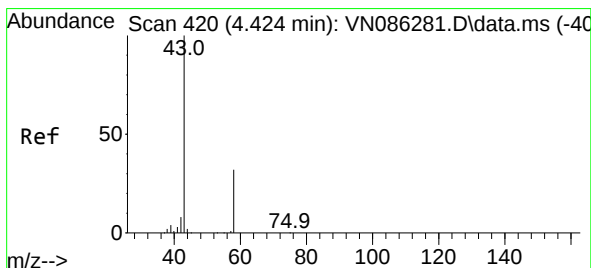
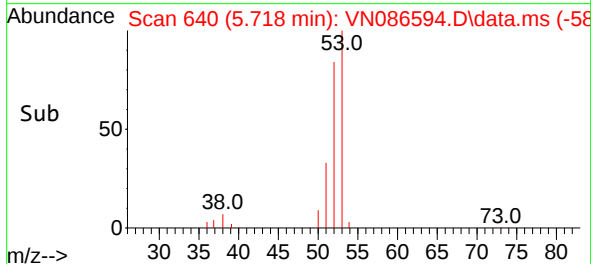
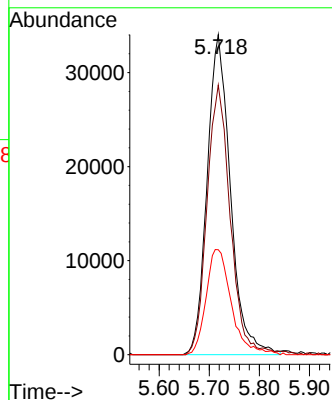
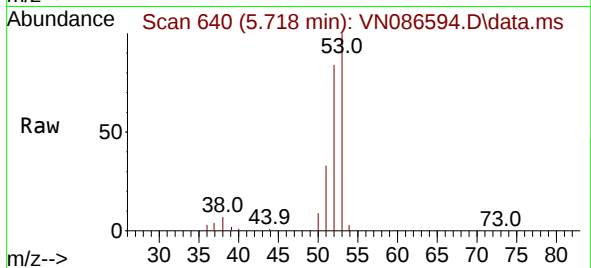




#15
Acrylonitrile
Concen: 101.503 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

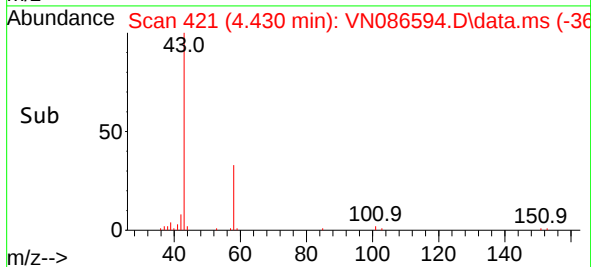
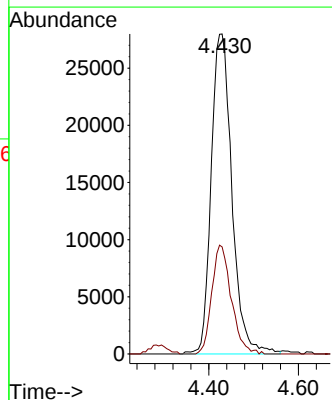
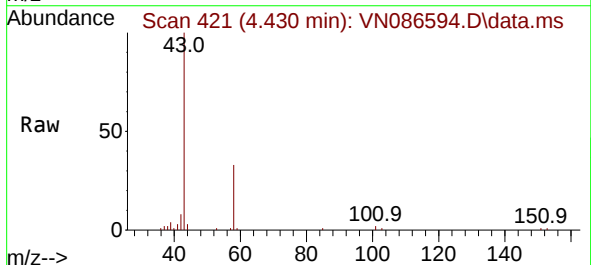
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

Tgt Ion: 53 Resp: 109975
Ion Ratio Lower Upper
53 100
52 83.7 65.5 98.3
51 35.7 28.6 42.8



#16
Acetone
Concen: 104.756 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion: 43 Resp: 89755
Ion Ratio Lower Upper
43 100
58 33.5 25.3 37.9

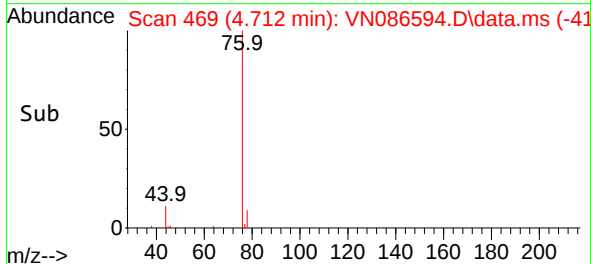
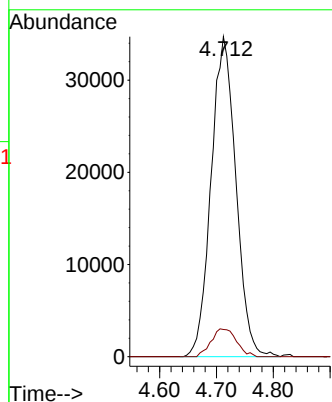
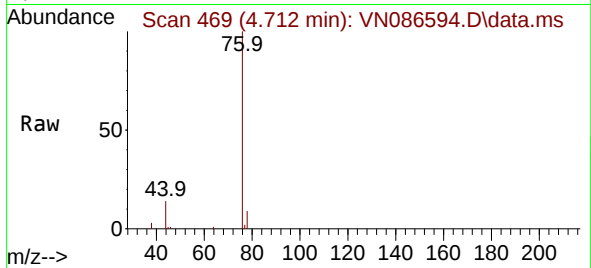




#17
Carbon Disulfide
Concen: 18.046 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

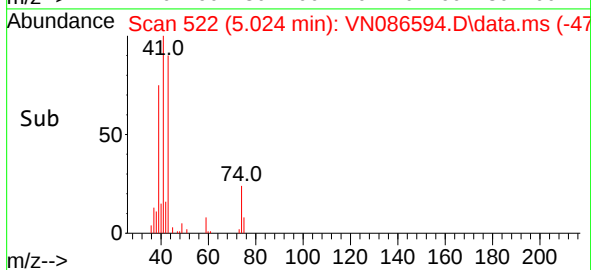
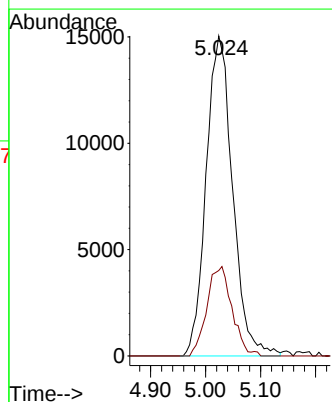
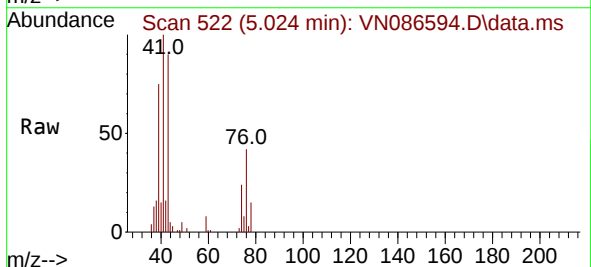
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

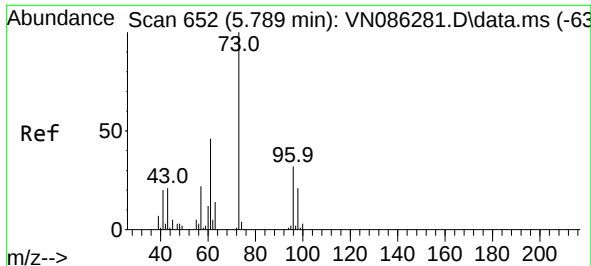
Tgt Ion: 76 Resp: 105349
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4



#18
Methyl Acetate
Concen: 17.471 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion: 43 Resp: 50377
Ion Ratio Lower Upper
43 100
74 26.5 19.8 29.6

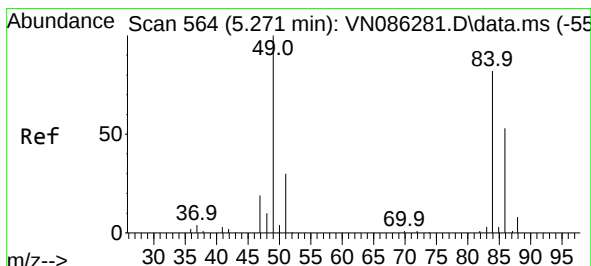
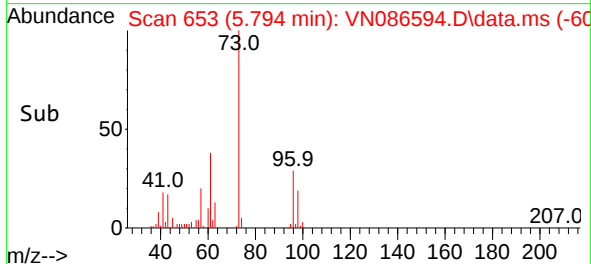
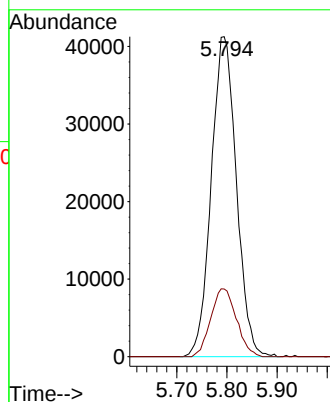
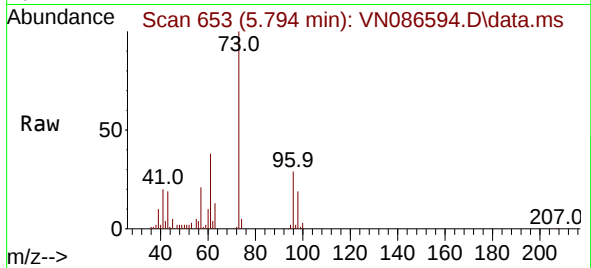




#19
Methyl tert-butyl Ether
Concen: 20.049 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

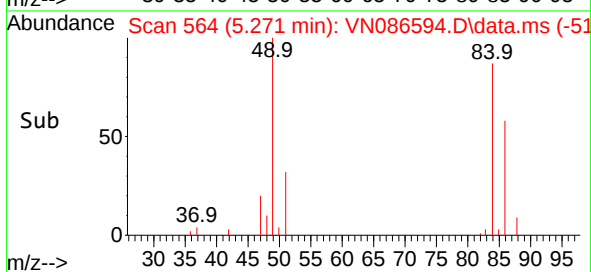
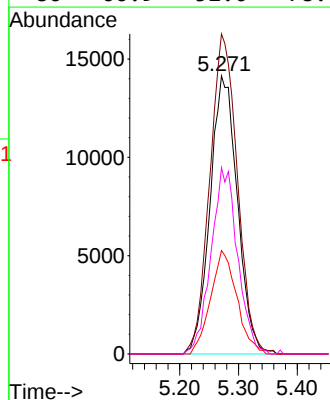
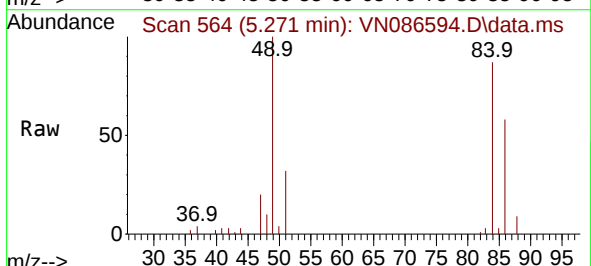
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

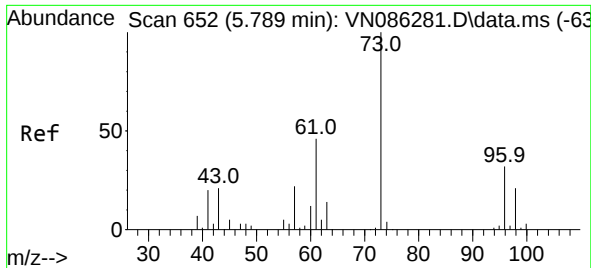
Tgt Ion: 73 Resp: 143690
Ion Ratio Lower Upper
73 100
57 21.1 17.6 26.4



#20
Methylene Chloride
Concen: 20.576 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion: 84 Resp: 45693
Ion Ratio Lower Upper
84 100
49 115.0 98.2 147.2
51 37.2 29.8 44.6
86 66.9 52.0 78.0

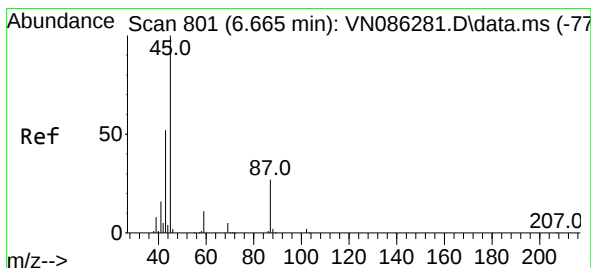
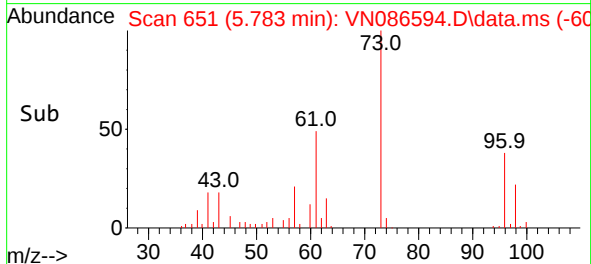
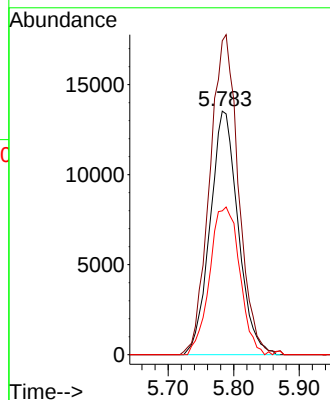
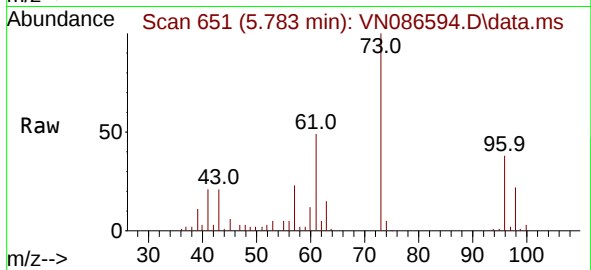




#21
trans-1,2-Dichloroethene
Concen: 19.705 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

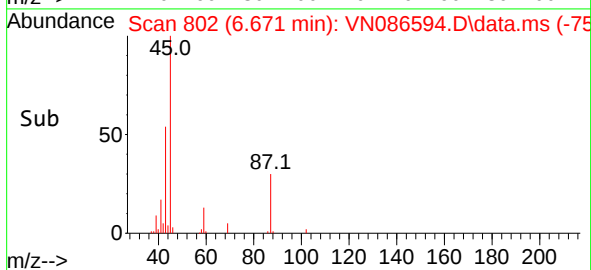
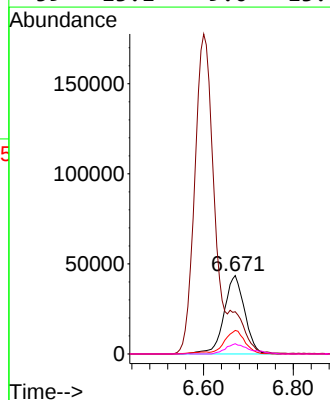
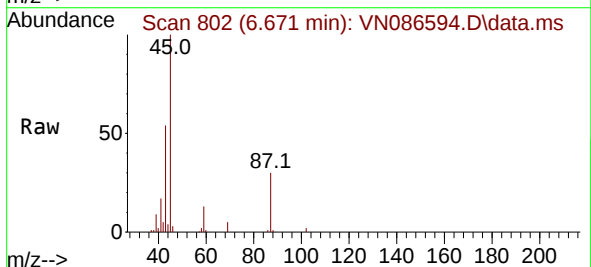
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

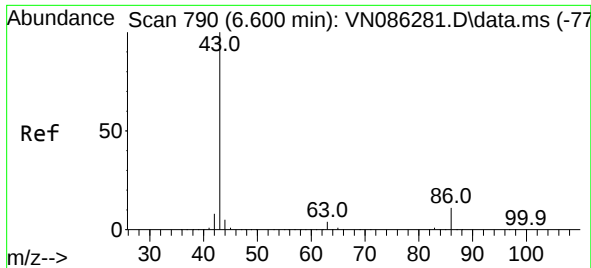
Tgt Ion: 96 Resp: 40167
Ion Ratio Lower Upper
96 100
61 128.9 114.6 171.8
98 59.1 51.2 76.8



#22
Diisopropyl ether
Concen: 18.427 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion: 45 Resp: 138934
Ion Ratio Lower Upper
45 100
43 52.9 41.8 62.8
87 29.9 21.6 32.4
59 13.1 9.0 13.4

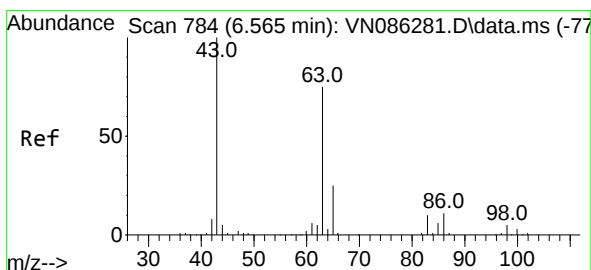
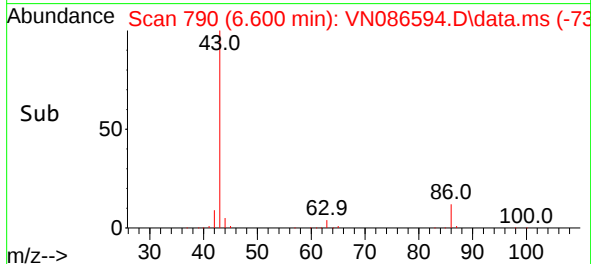
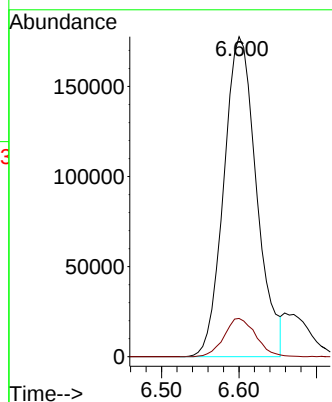
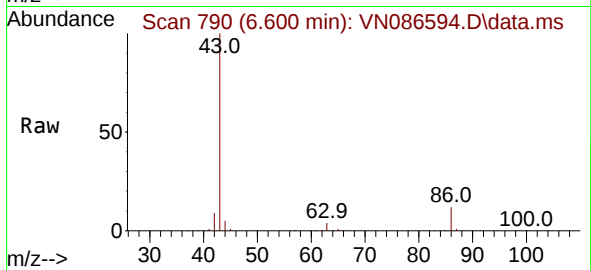




#23
 Vinyl Acetate
 Concen: 99.108 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086594.D
 Acq: 13 May 2025 12:09

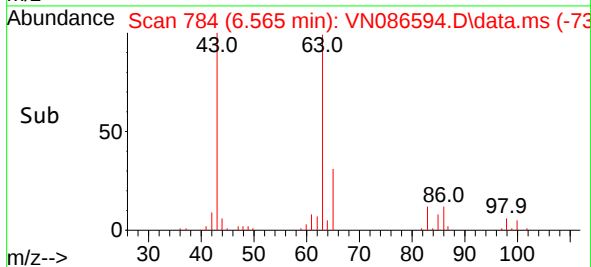
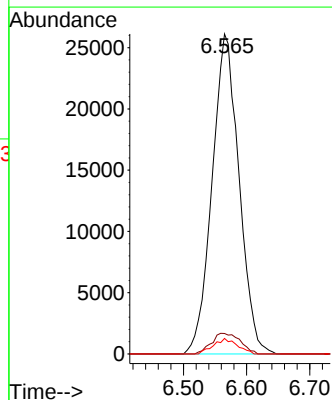
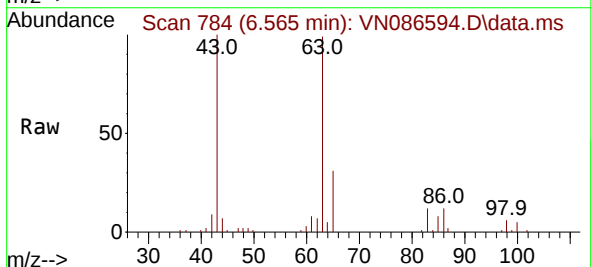
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBSD01

Tgt Ion: 43 Resp: 522368
 Ion Ratio Lower Upper
 43 100
 86 11.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 19.459 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086594.D
 Acq: 13 May 2025 12:09

Tgt Ion: 63 Resp: 77413
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.2
 100 4.8 2.1 6.5

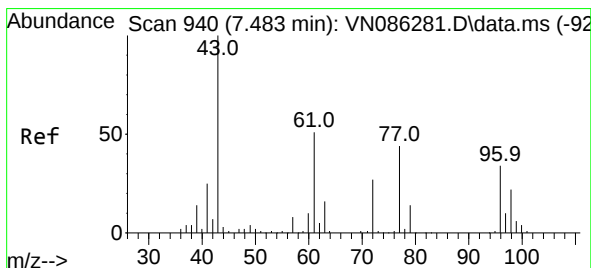
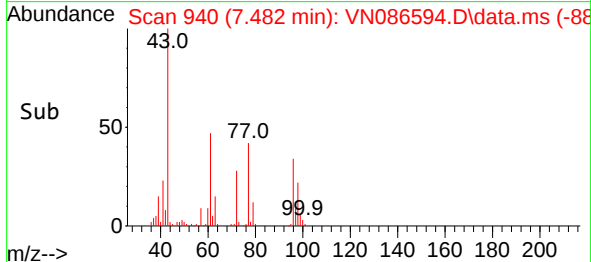
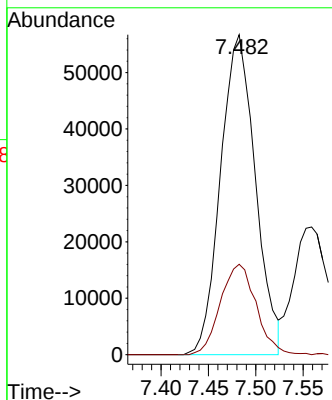
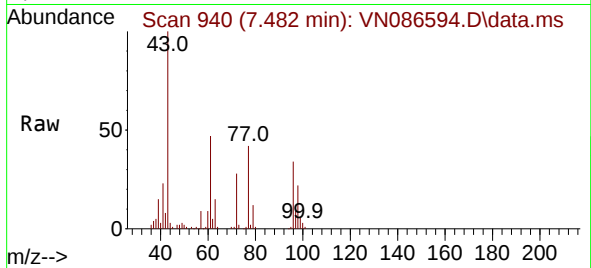




#25
2-Butanone
Concen: 97.085 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

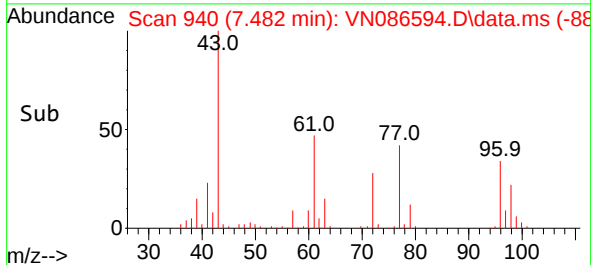
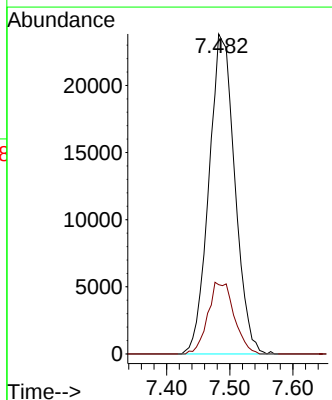
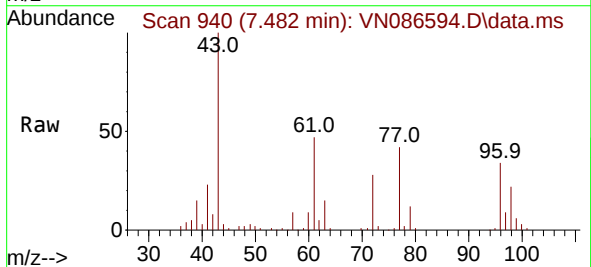
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

Tgt Ion: 43 Resp: 145161
Ion Ratio Lower Upper
43 100
72 28.3 21.7 32.5



#26
2,2-Dichloropropane
Concen: 19.045 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion: 77 Resp: 67837
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.5

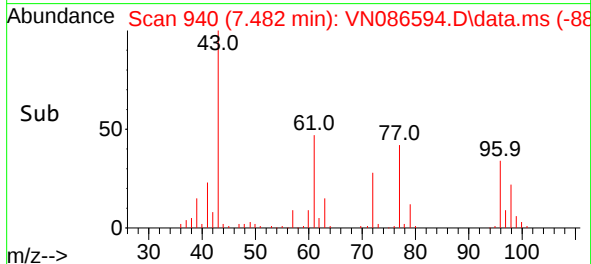
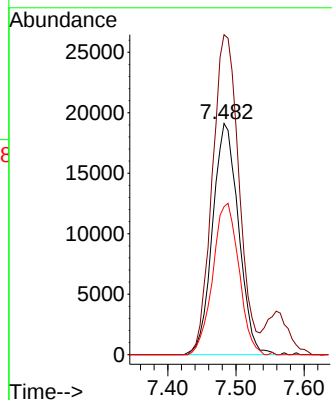
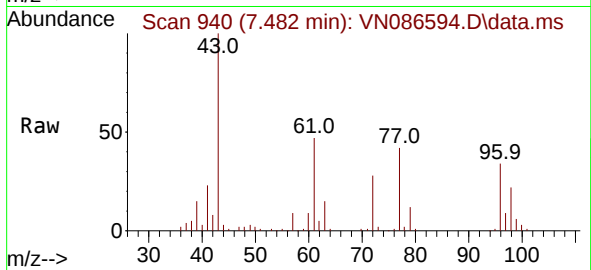




#27
 cis-1,2-Dichloroethene
 Concen: 20.024 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086594.D
 Acq: 13 May 2025 12:09

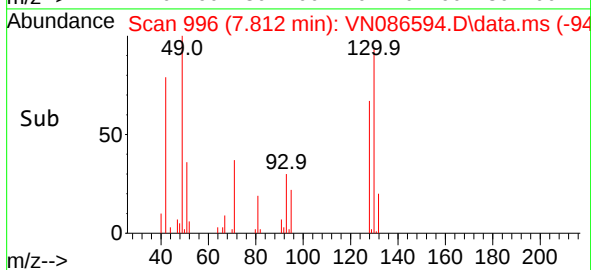
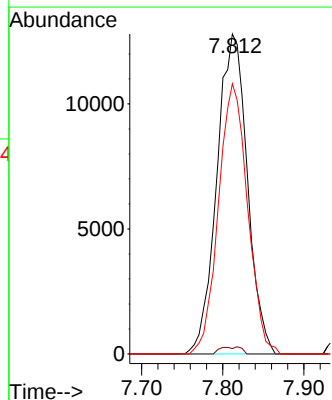
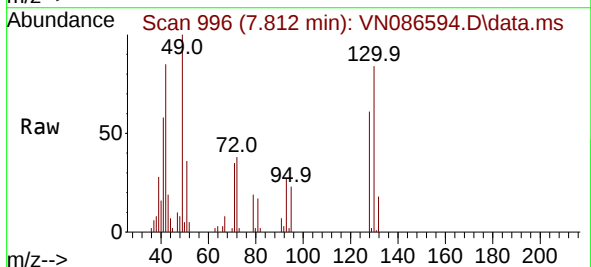
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBSD01

Tgt Ion: 96 Resp: 50660
 Ion Ratio Lower Upper
 96 100
 61 142.6 0.0 299.0
 98 65.8 0.0 129.6



#28
 Bromochloromethane
 Concen: 19.796 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086594.D
 Acq: 13 May 2025 12:09

Tgt Ion: 49 Resp: 33392
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.4
 130 80.6 57.1 85.7





#29

Tetrahydrofuran

Concen: 98.538 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086594.D

Acq: 13 May 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

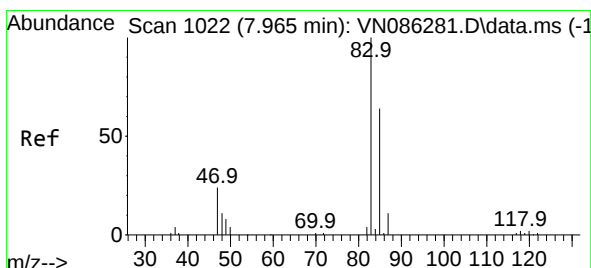
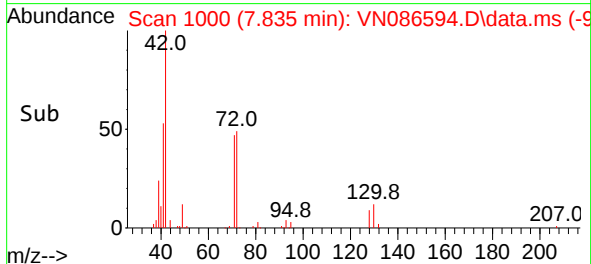
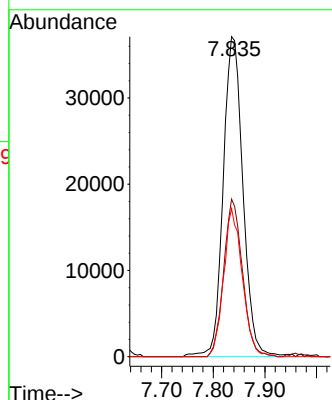
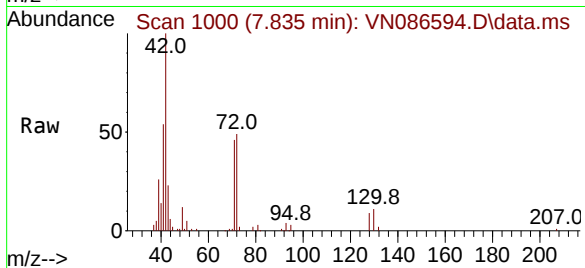
Tgt Ion: 42 Resp: 98523

Ion Ratio Lower Upper

42 100

72 46.8 36.2 54.4

71 43.8 34.0 51.0



#30

Chloroform

Concen: 20.611 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086594.D

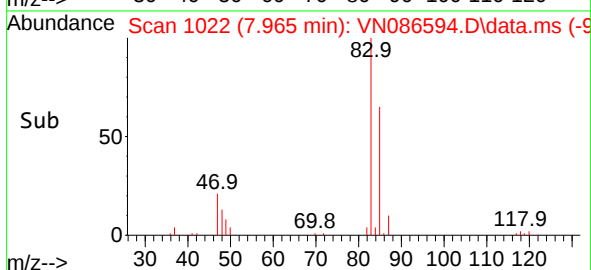
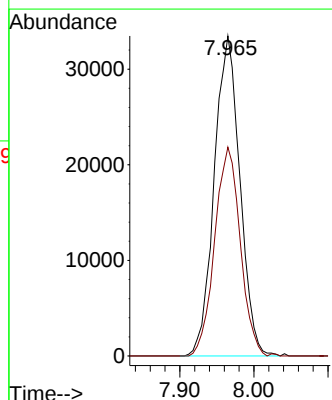
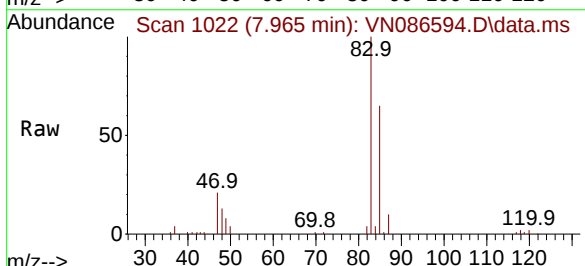
Acq: 13 May 2025 12:09

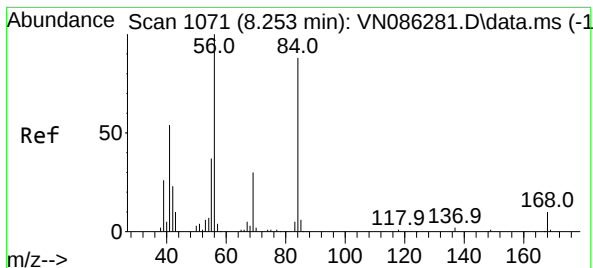
Tgt Ion: 83 Resp: 80547

Ion Ratio Lower Upper

83 100

85 65.3 51.5 77.3





#31

Cyclohexane

Concen: 17.511 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086594.D

Acq: 13 May 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

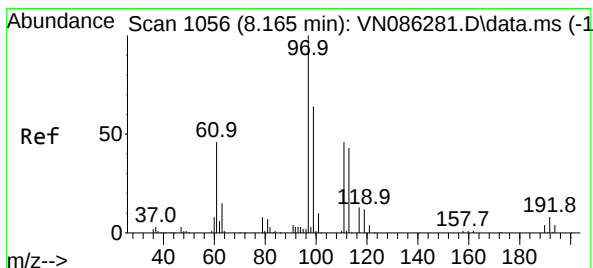
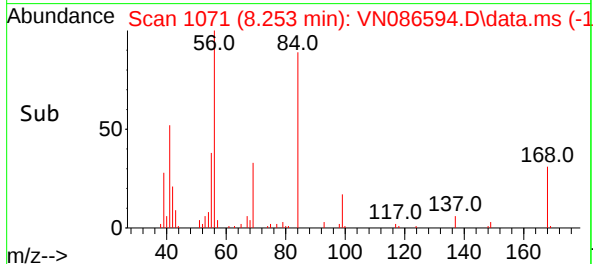
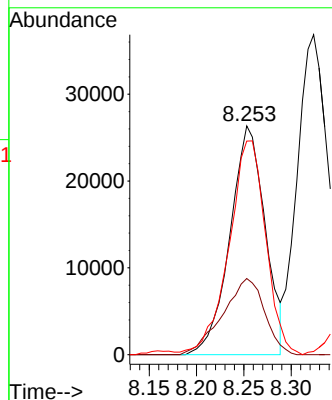
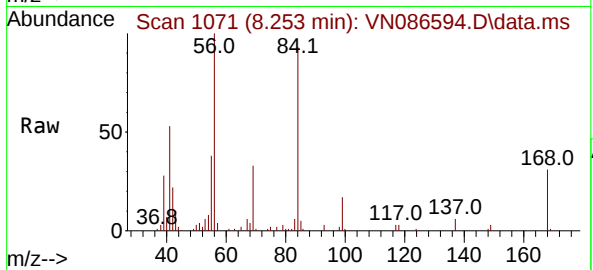
Tgt Ion: 56 Resp: 68168

Ion Ratio Lower Upper

56 100

69 33.3 24.2 36.2

84 92.2 70.3 105.5



#32

1,1,1-Trichloroethane

Concen: 20.226 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086594.D

Acq: 13 May 2025 12:09

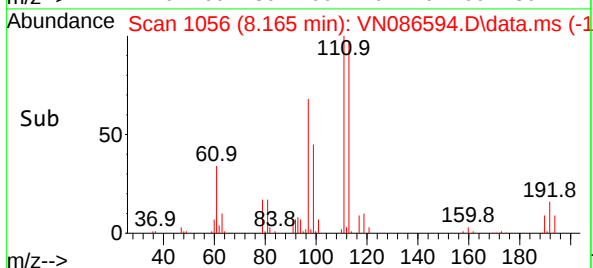
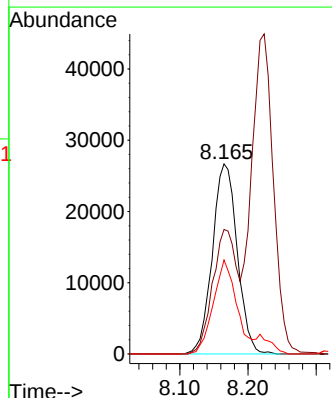
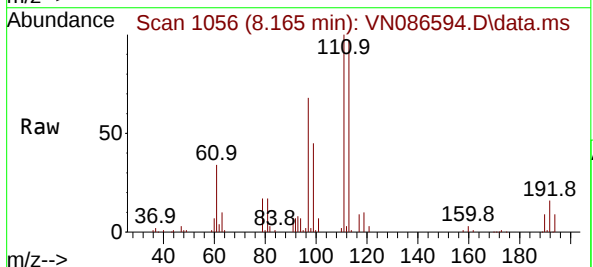
Tgt Ion: 97 Resp: 67616

Ion Ratio Lower Upper

97 100

99 63.6 52.7 79.1

61 46.4 39.5 59.3

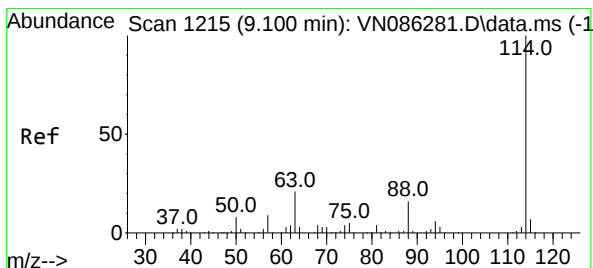
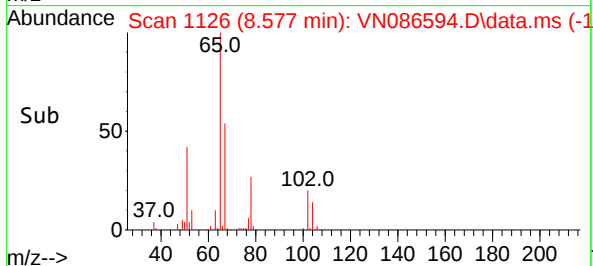
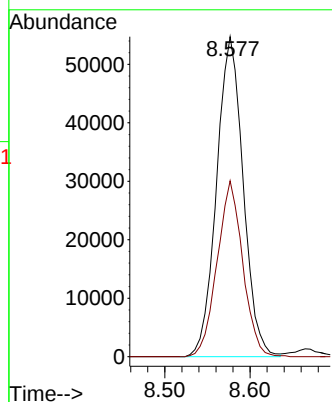
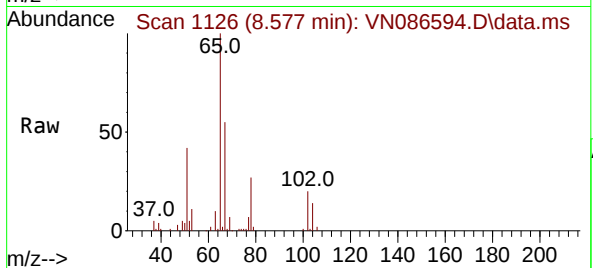




#33
 1,2-Dichloroethane-d4
 Concen: 49.406 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086594.D
 Acq: 13 May 2025 12:09

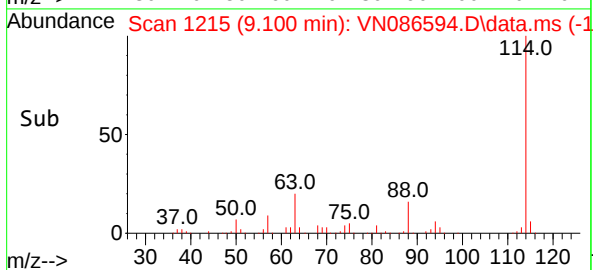
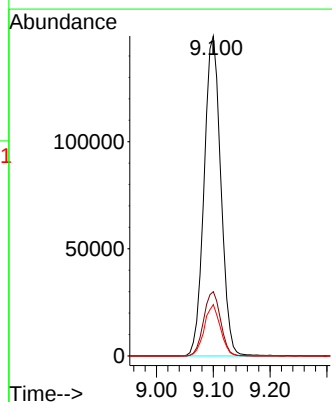
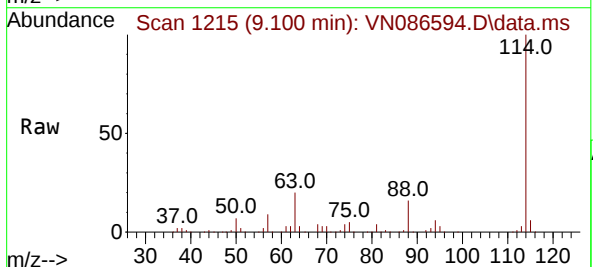
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBSD01

Tgt Ion: 65 Resp: 118679
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086594.D
 Acq: 13 May 2025 12:09

Tgt Ion: 114 Resp: 305133
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.6
 88 16.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 64.175 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086594.D

Acq: 13 May 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

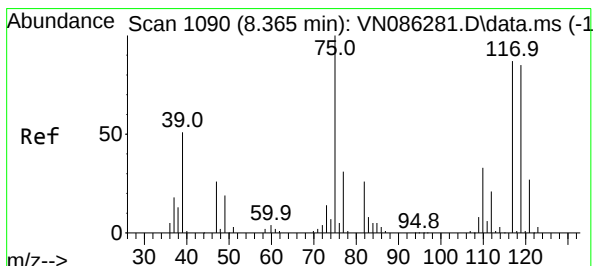
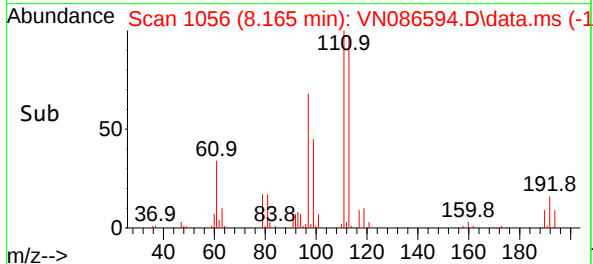
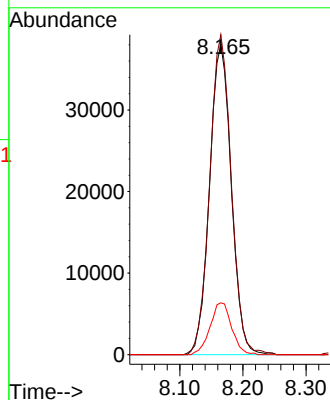
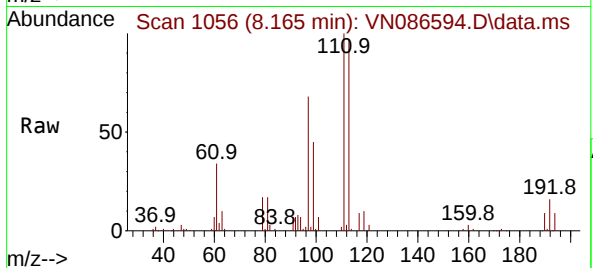
Tgt Ion:113 Resp: 90882

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.0

192 16.6 13.7 20.5



#36

1,1-Dichloropropene

Concen: 19.441 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086594.D

Acq: 13 May 2025 12:09

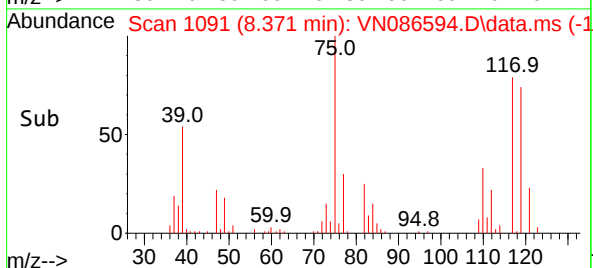
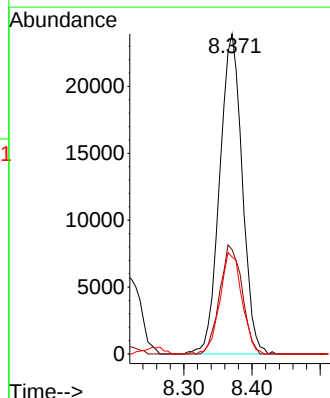
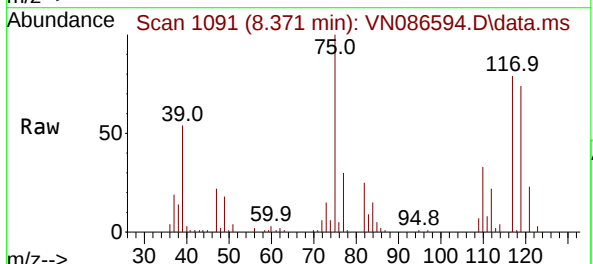
Tgt Ion: 75 Resp: 54989

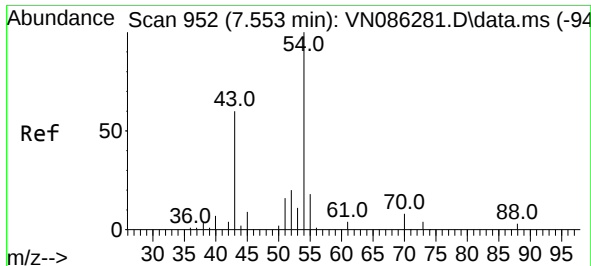
Ion Ratio Lower Upper

75 100

110 33.8 16.8 50.4

77 31.1 24.9 37.3





#37

Ethyl Acetate

Concen: 20.202 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN086594.D

Acq: 13 May 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

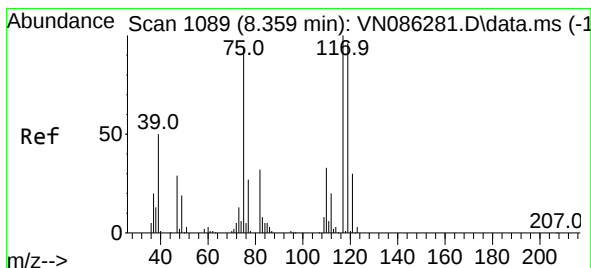
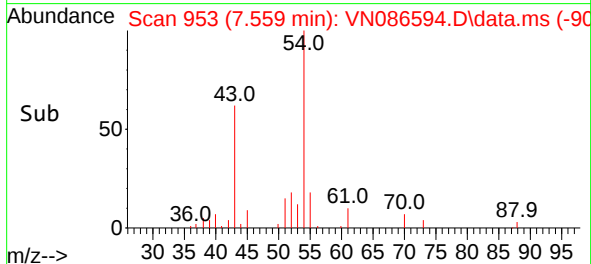
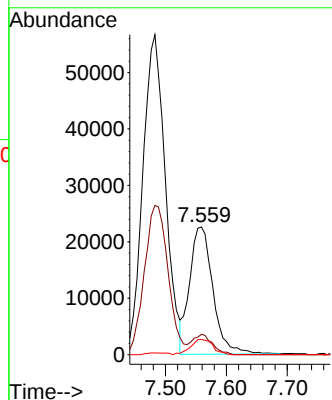
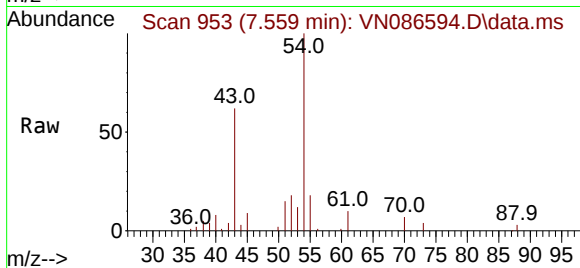
Tgt Ion: 43 Resp: 60160

Ion Ratio Lower Upper

43 100

61 13.6 11.1 16.7

70 11.4 9.2 13.8



#38

Carbon Tetrachloride

Concen: 21.357 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN086594.D

Acq: 13 May 2025 12:09

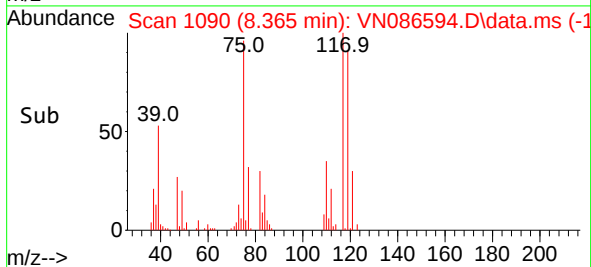
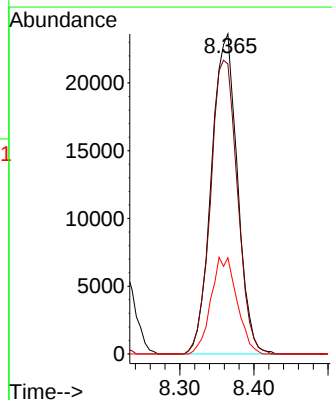
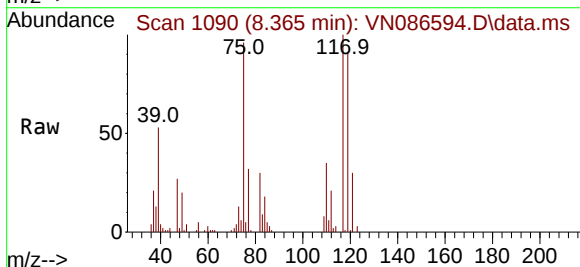
Tgt Ion: 117 Resp: 57528

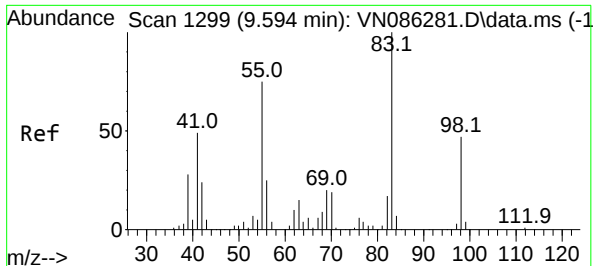
Ion Ratio Lower Upper

117 100

119 90.7 76.8 115.2

121 30.0 23.8 35.8





#39

Methylcyclohexane

Concen: 18.035 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086594.D

Acq: 13 May 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

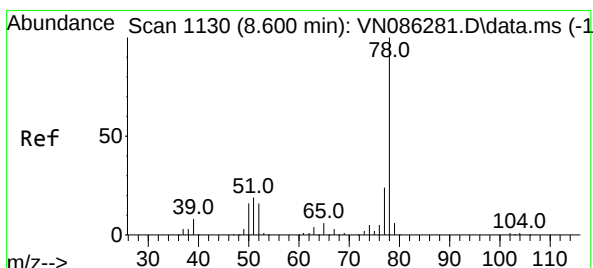
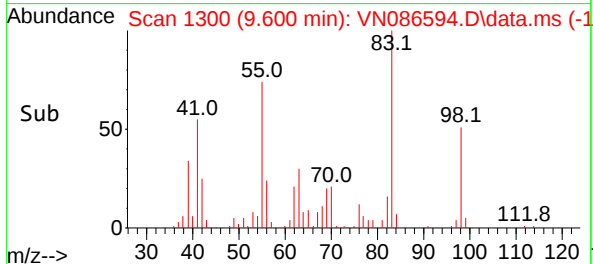
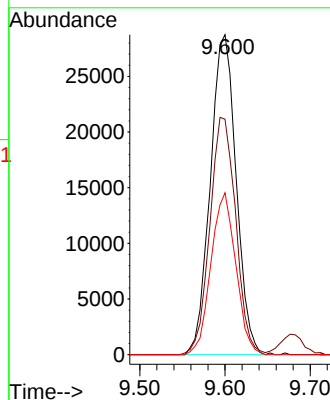
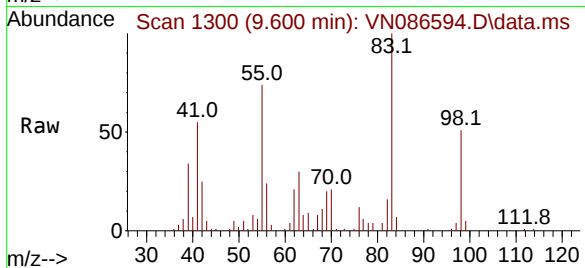
Tgt Ion: 83 Resp: 60635

Ion Ratio Lower Upper

83 100

55 73.6 59.8 89.8

98 50.6 37.9 56.9



#40

Benzene

Concen: 20.201 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN086594.D

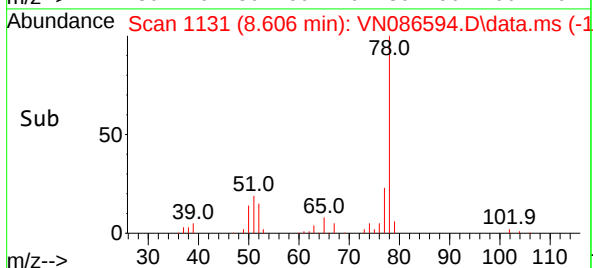
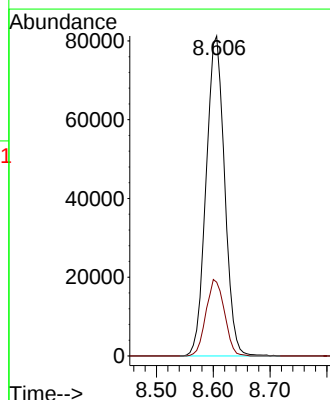
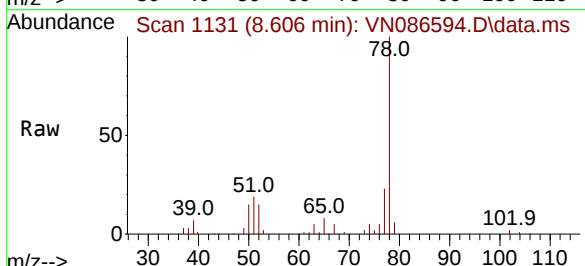
Acq: 13 May 2025 12:09

Tgt Ion: 78 Resp: 183073

Ion Ratio Lower Upper

78 100

77 23.1 19.4 29.2

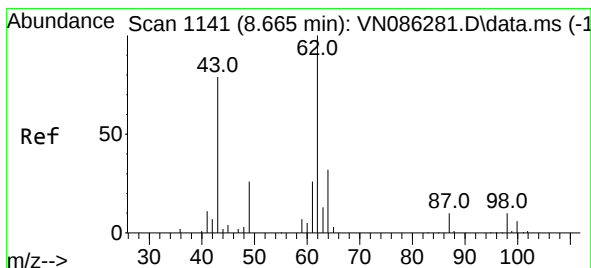
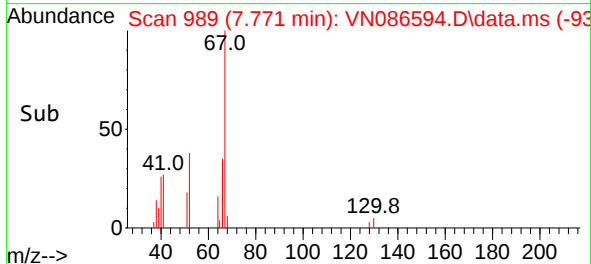
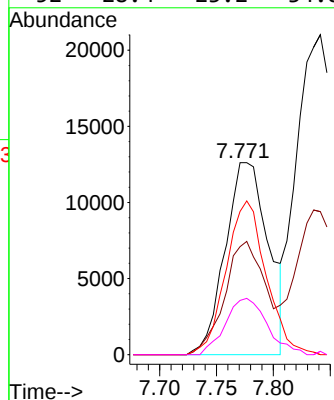
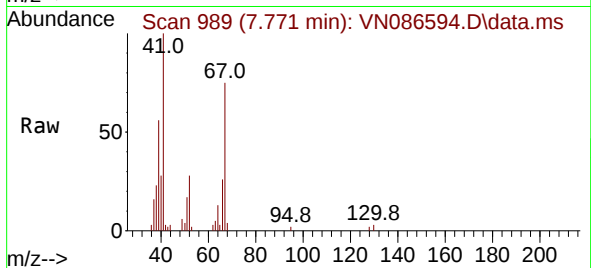




#41
Methacrylonitrile
Concen: 19.330 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

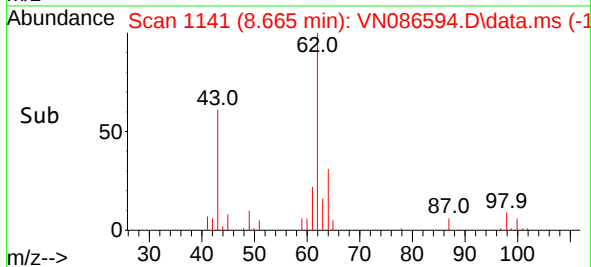
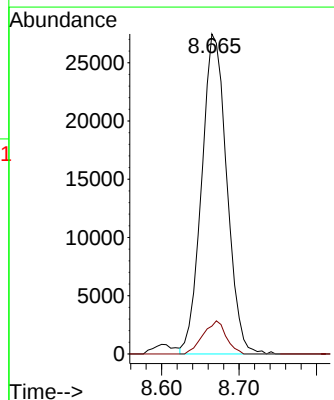
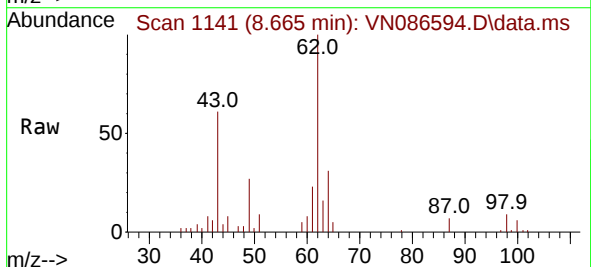
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

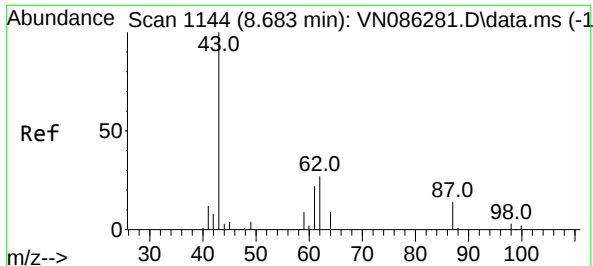
Tgt Ion:	41	Resp:	33361
Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.0	64.4
67	74.2	58.8	88.2
52	28.4	23.2	34.8



#42
1,2-Dichloroethane
Concen: 21.396 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion:	62	Resp:	61834
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2

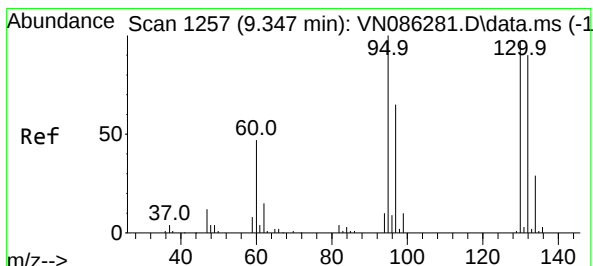
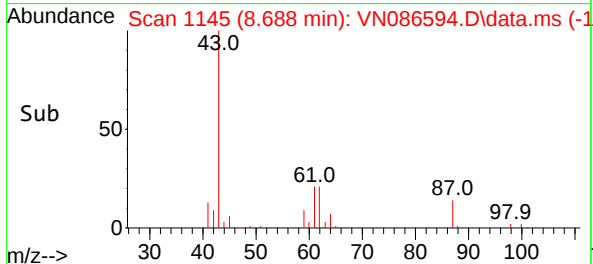
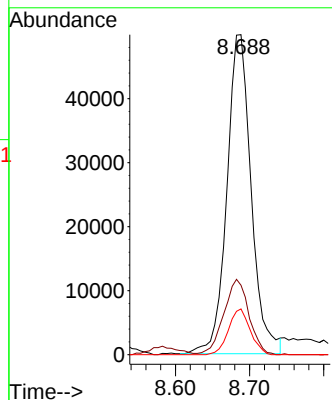
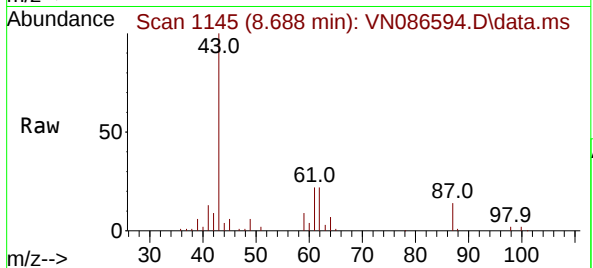




#43
Isopropyl Acetate
Concen: 19.903 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

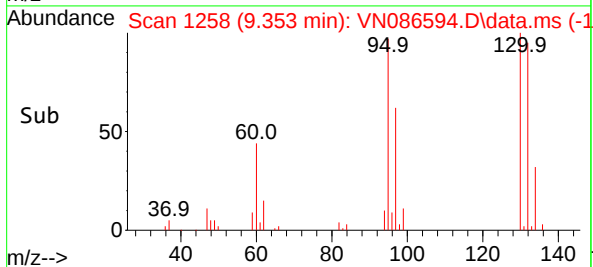
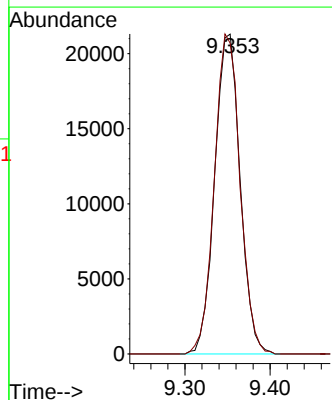
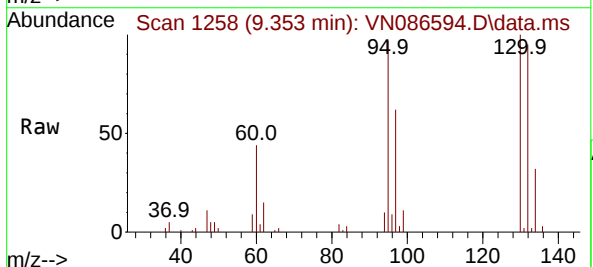
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

Tgt Ion: 43 Resp: 113791
Ion Ratio Lower Upper
43 100
61 24.3 20.5 30.7
87 12.8 10.5 15.7



#44
Trichloroethene
Concen: 20.535 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion:130 Resp: 44110
Ion Ratio Lower Upper
130 100
95 97.2 0.0 207.2





#45

1,2-Dichloropropane

Concen: 19.916 ug/l

RT: 9.618 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086594.D

Acq: 13 May 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

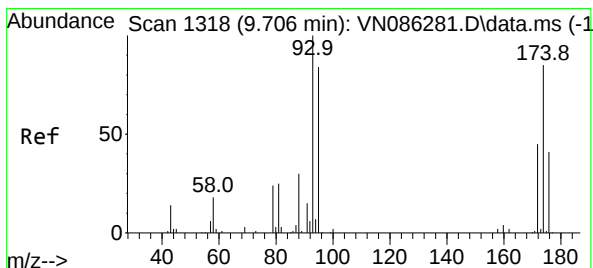
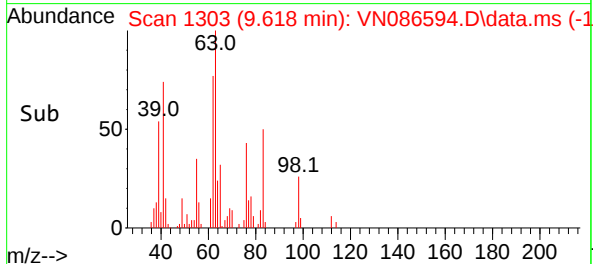
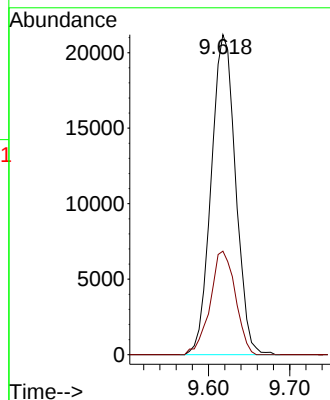
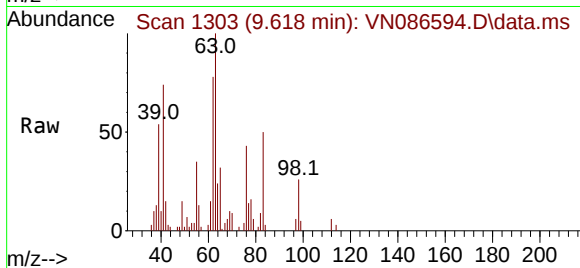
VN0513WBSD01

Tgt Ion: 63 Resp: 44181

Ion Ratio Lower Upper

63 100

65 32.4 25.4 38.2



#46

Dibromomethane

Concen: 22.358 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086594.D

Acq: 13 May 2025 12:09

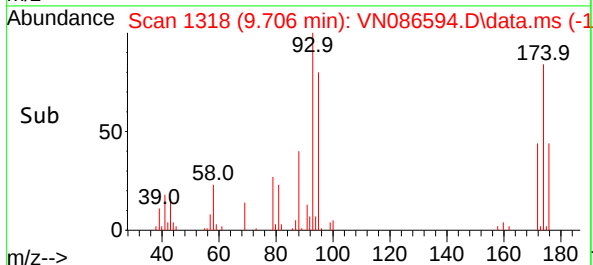
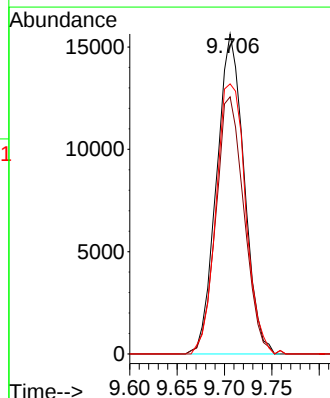
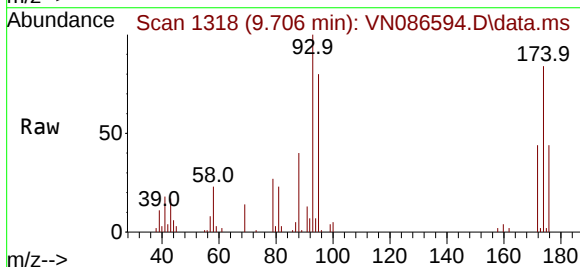
Tgt Ion: 93 Resp: 31602

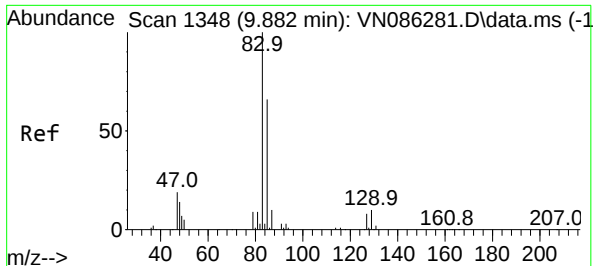
Ion Ratio Lower Upper

93 100

95 82.0 66.2 99.4

174 90.5 67.8 101.6

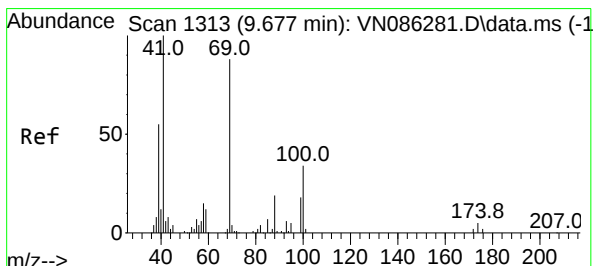
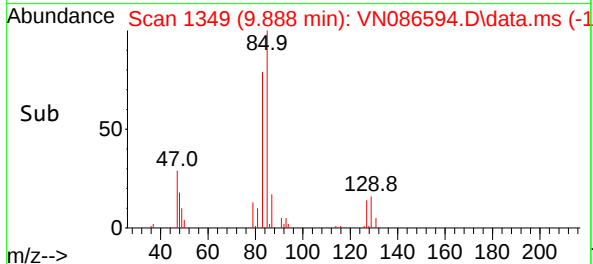
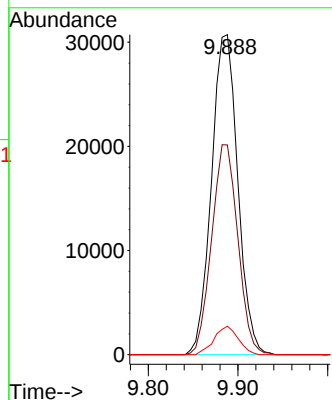
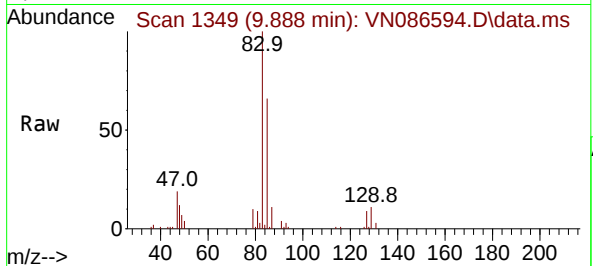




#47
Bromodichloromethane
Concen: 20.501 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

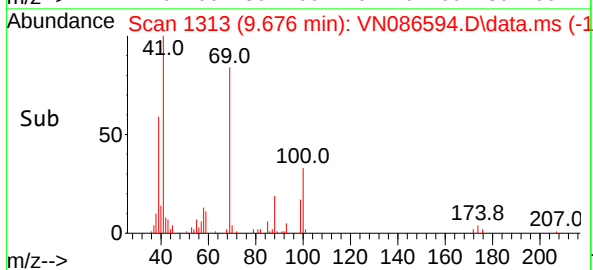
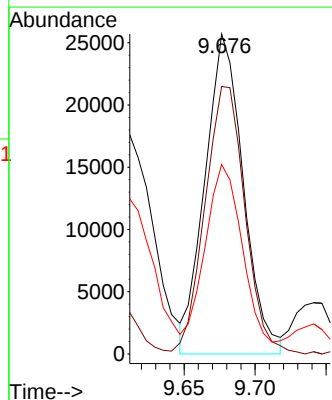
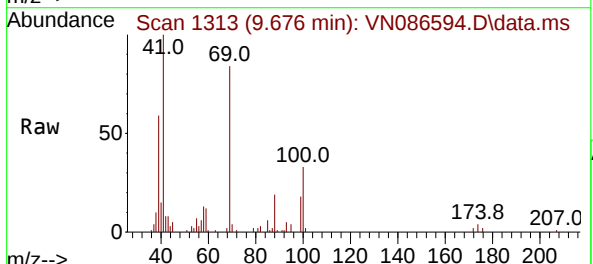
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

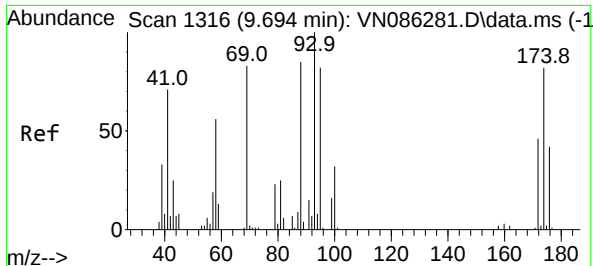
Tgt Ion:	83	Resp:	62584
Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.6	78.8
127	8.9	6.1	9.1



#48
Methyl methacrylate
Concen: 18.428 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion:	41	Resp:	48190
Ion	Ratio	Lower	Upper
41	100		
69	87.3	68.2	102.2
39	59.3	45.2	67.8





#49

1,4-Dioxane

Concen: 458.970 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086594.D

Acq: 13 May 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

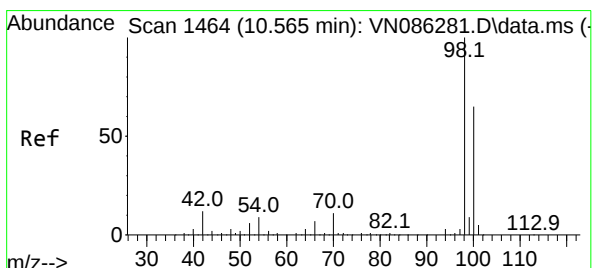
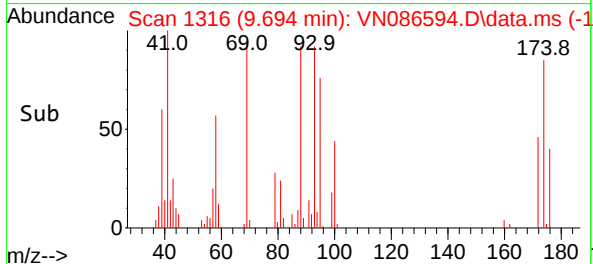
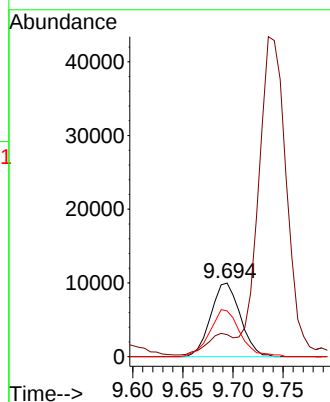
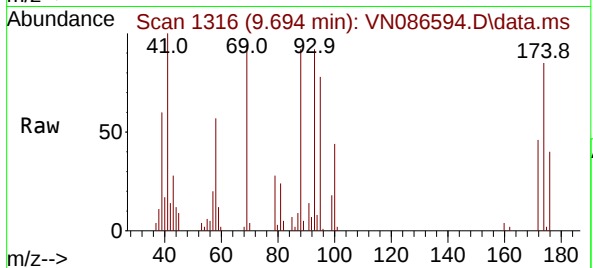
Tgt Ion: 88 Resp: 20416

Ion Ratio Lower Upper

88 100

43 25.5 23.8 35.8

58 65.7 57.4 86.2



#50

Toluene-d8

Concen: 47.876 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086594.D

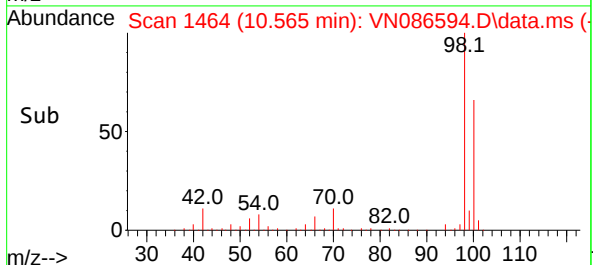
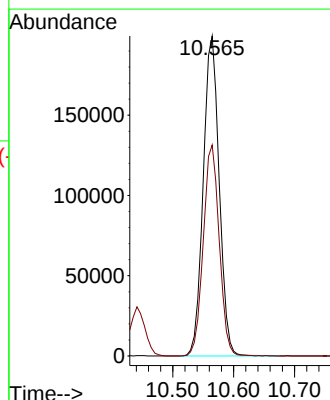
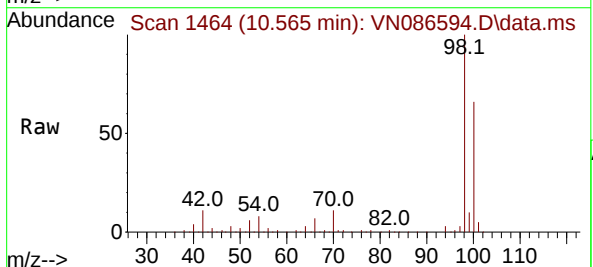
Acq: 13 May 2025 12:09

Tgt Ion: 98 Resp: 362358

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7

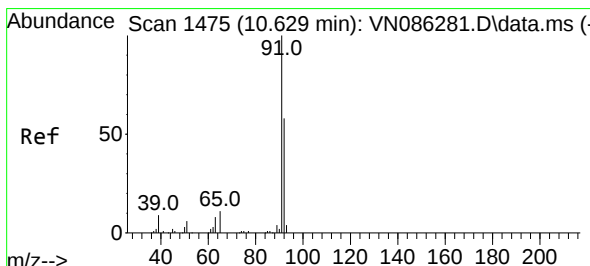
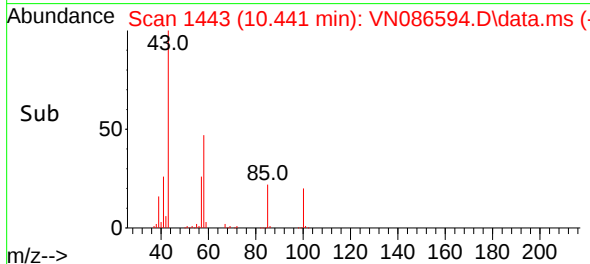
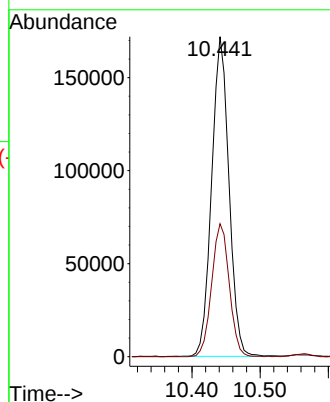
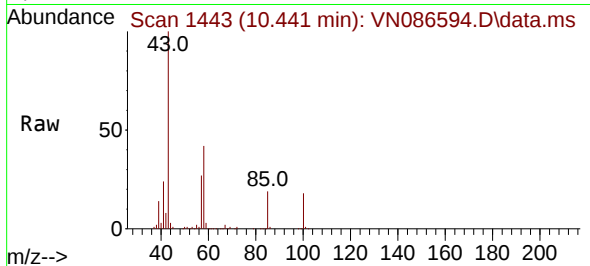




#51
4-Methyl-2-Pentanone
Concen: 99.654 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

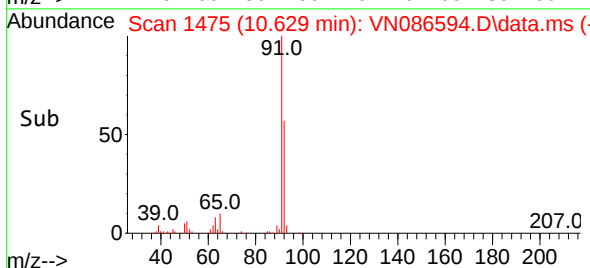
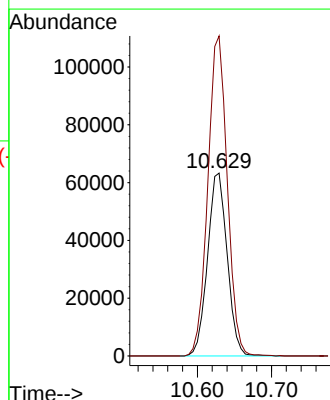
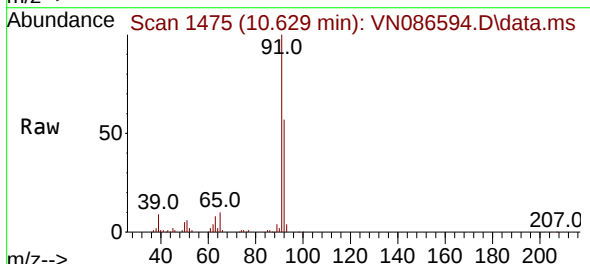
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

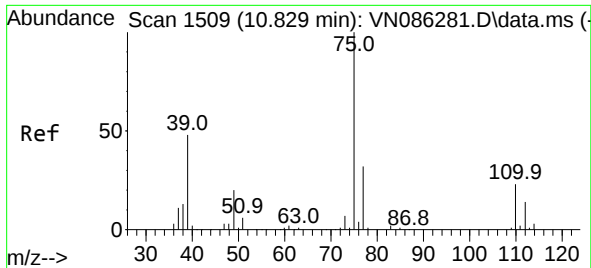
Tgt Ion: 43 Resp: 303884
Ion Ratio Lower Upper
43 100
58 42.2 32.2 48.4



#52
Toluene
Concen: 20.588 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion: 92 Resp: 116420
Ion Ratio Lower Upper
92 100
91 173.2 137.3 205.9

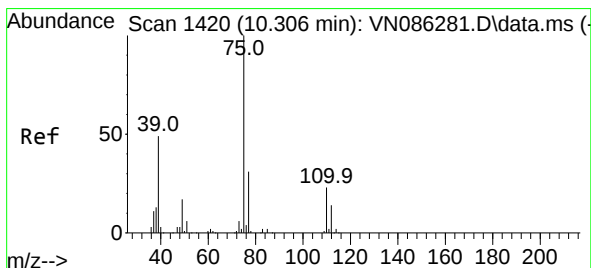
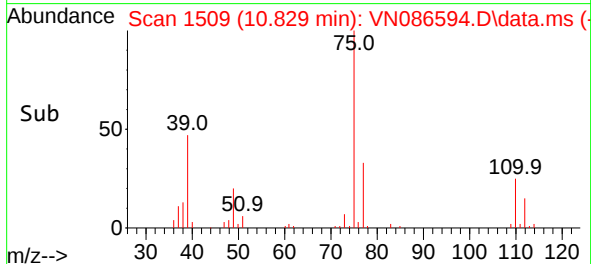
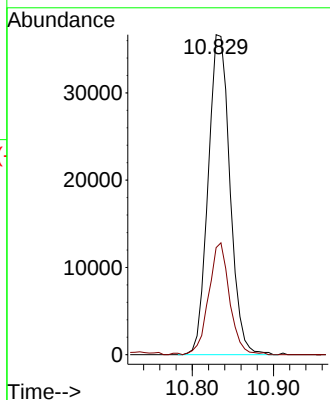
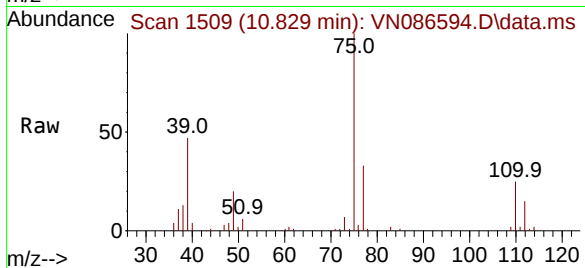




#53
 t-1,3-Dichloropropene
 Concen: 20.042 ug/l
 RT: 10.829 min Scan# 1509
 Delta R.T. -0.000 min
 Lab File: VN086594.D
 Acq: 13 May 2025 12:09

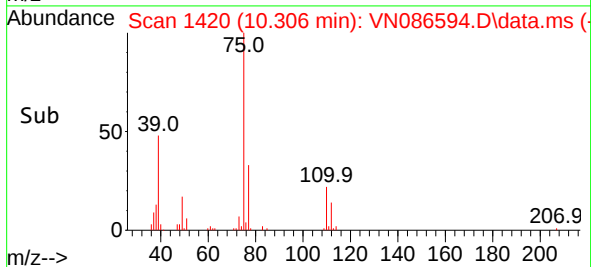
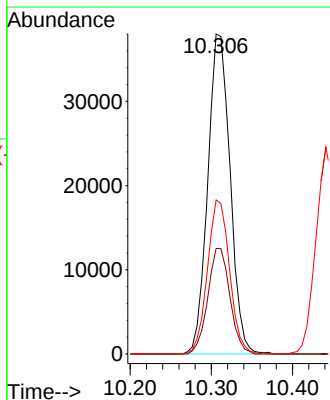
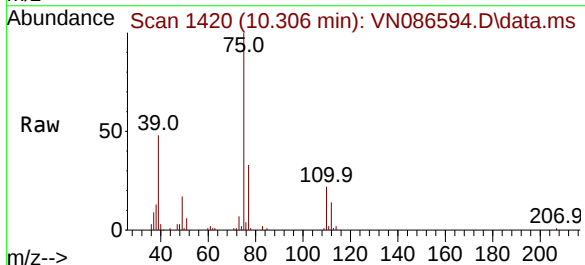
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBSD01

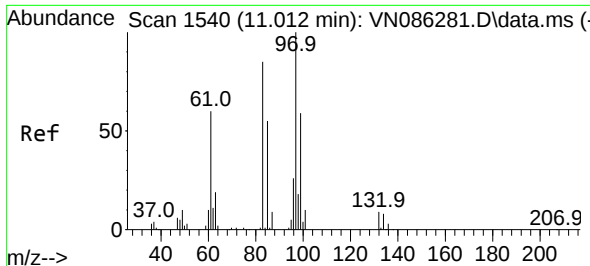
Tgt Ion: 75 Resp: 68297
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.439 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VN086594.D
 Acq: 13 May 2025 12:09

Tgt Ion: 75 Resp: 72759
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.2 37.8
 39 48.1 39.3 58.9

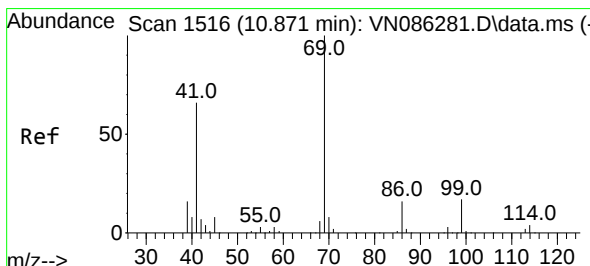
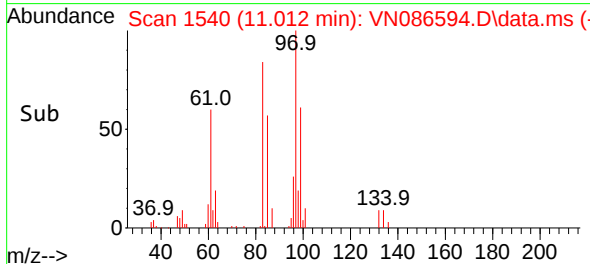
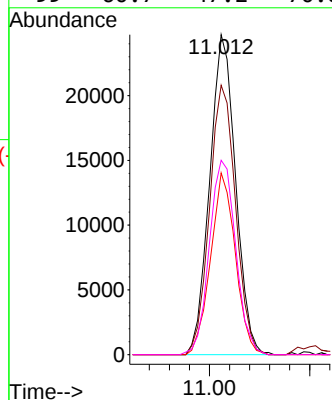
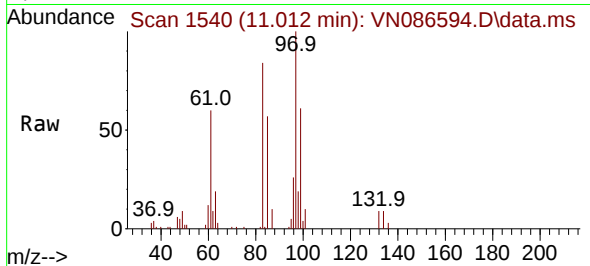




#55
1,1,2-Trichloroethane
Concen: 21.727 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

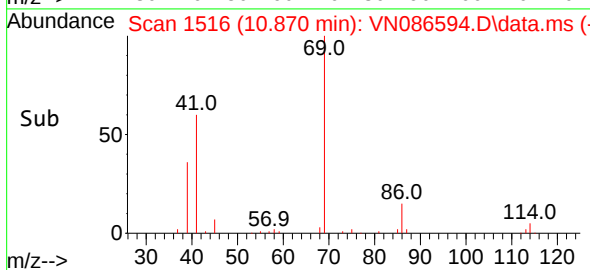
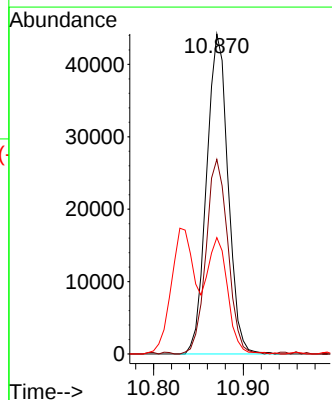
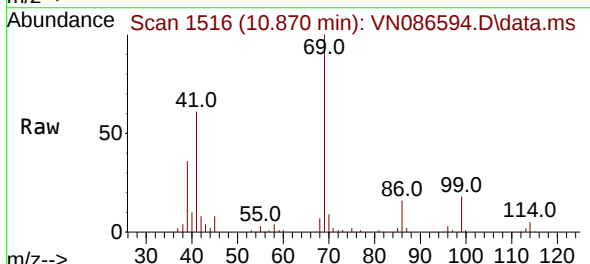
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

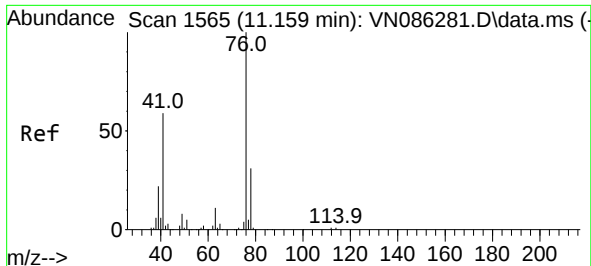
Tgt Ion:	97	Resp:	44205
Ion	Ratio	Lower	Upper
97	100		
83	84.2	68.4	102.6
85	56.8	43.9	65.9
99	60.7	47.2	70.8



#56
Ethyl methacrylate
Concen: 19.624 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion:	69	Resp:	73390
Ion	Ratio	Lower	Upper
69	100		
41	61.9	51.7	77.5
39	34.4	26.3	39.5





#57

1,3-Dichloropropane

Concen: 21.035 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086594.D

Acq: 13 May 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

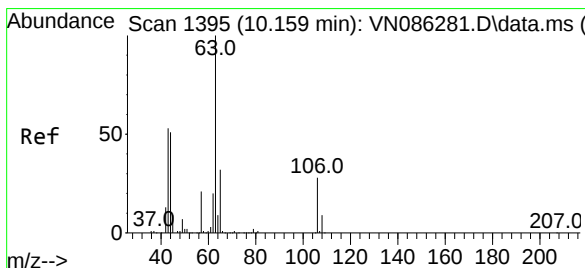
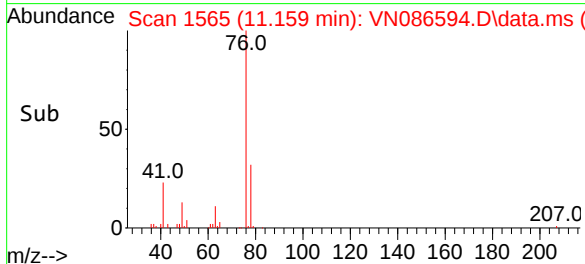
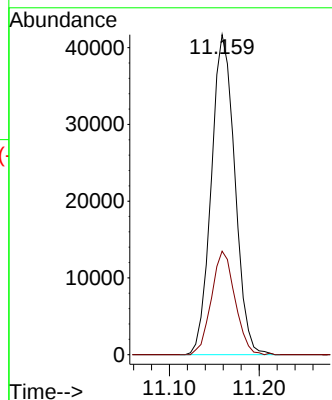
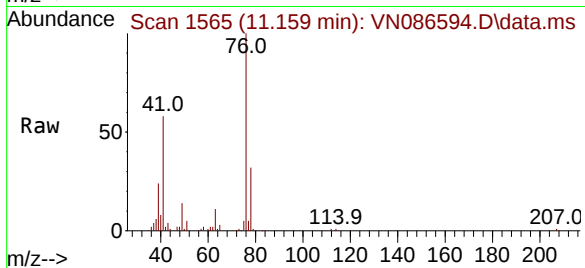
VN0513WBSD01

Tgt Ion: 76 Resp: 75932

Ion Ratio Lower Upper

76 100

78 32.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 85.463 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086594.D

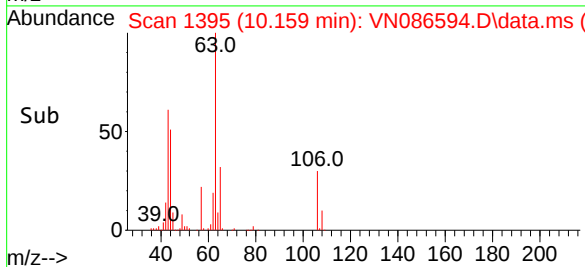
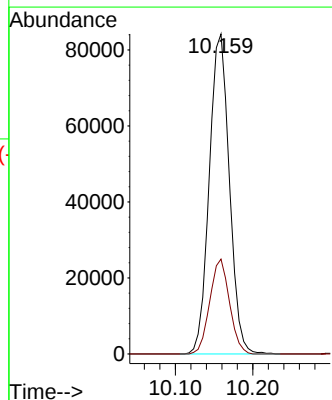
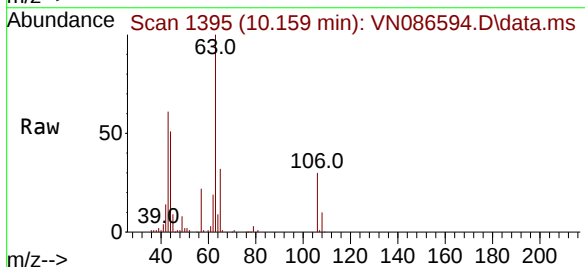
Acq: 13 May 2025 12:09

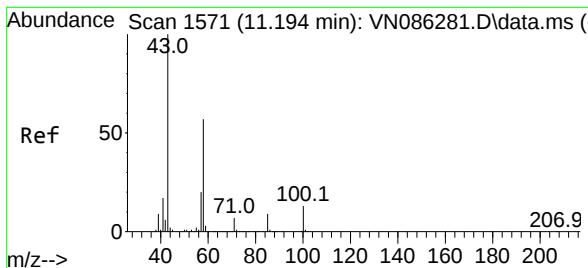
Tgt Ion: 63 Resp: 151700

Ion Ratio Lower Upper

63 100

106 29.0 22.2 33.2

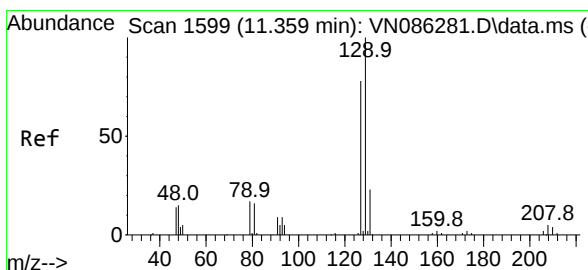
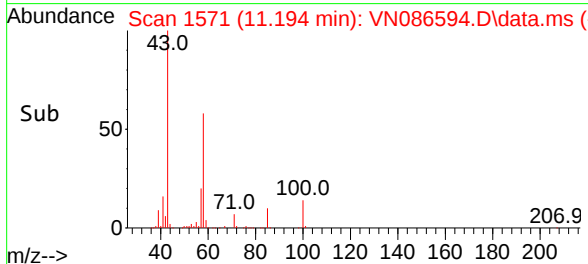
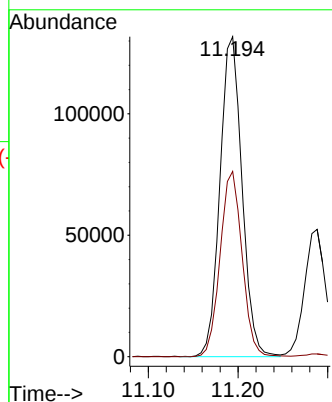
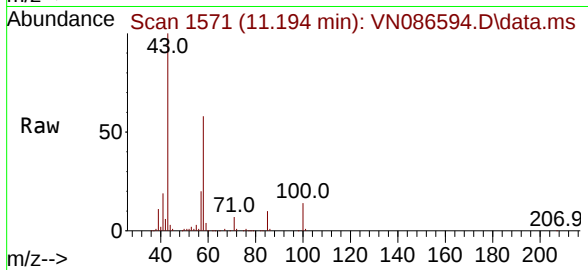




#59
2-Hexanone
Concen: 99.438 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

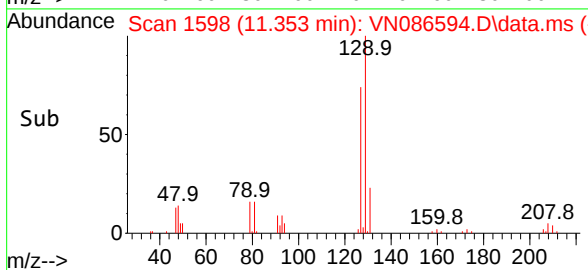
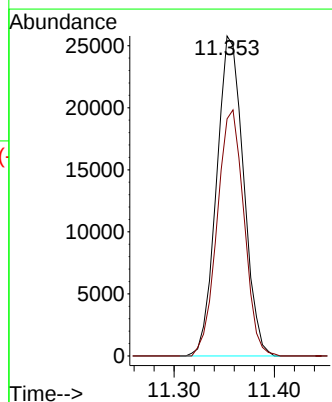
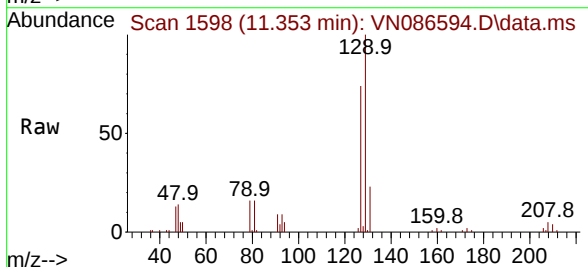
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

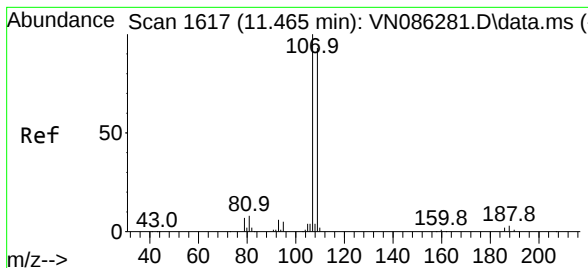
Tgt Ion: 43 Resp: 224910
Ion Ratio Lower Upper
43 100
58 57.7 28.3 85.0



#60
Dibromochloromethane
Concen: 21.521 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion: 129 Resp: 48081
Ion Ratio Lower Upper
129 100
127 76.6 38.7 116.1

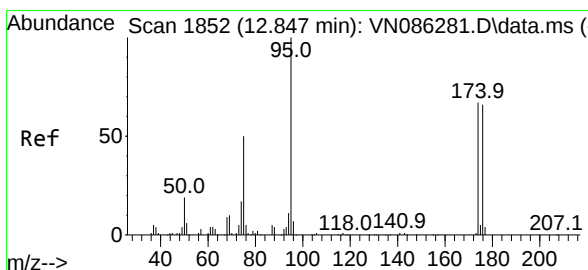
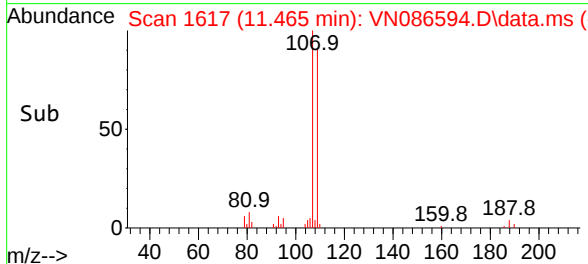
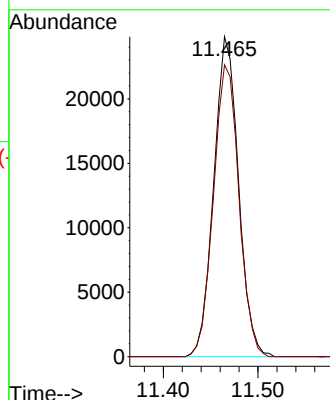
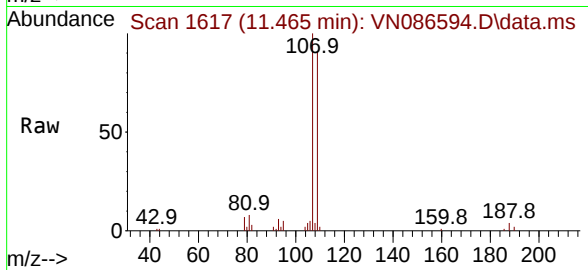




#61
1,2-Dibromoethane
Concen: 21.933 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

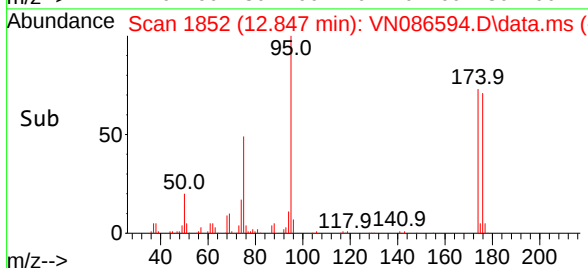
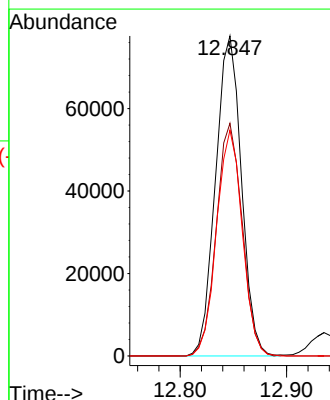
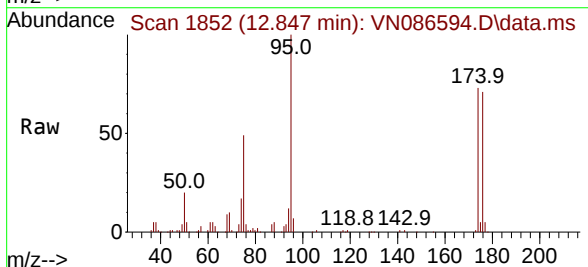
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

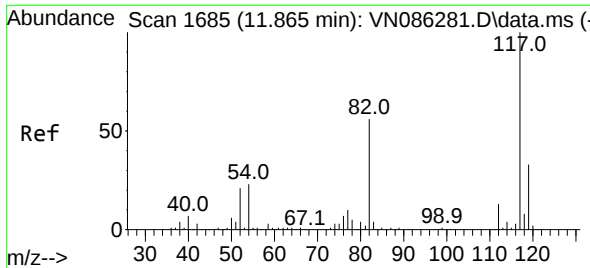
Tgt Ion:107 Resp: 45026
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 47.400 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion: 95 Resp: 130854
Ion Ratio Lower Upper
95 100
174 72.7 0.0 133.4
176 70.1 0.0 129.2

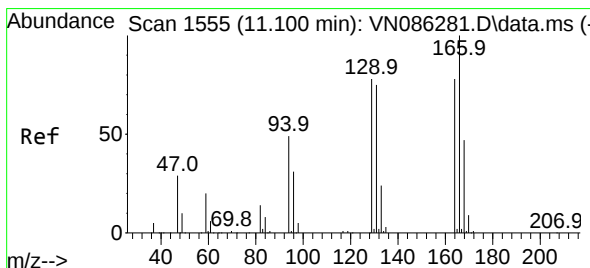
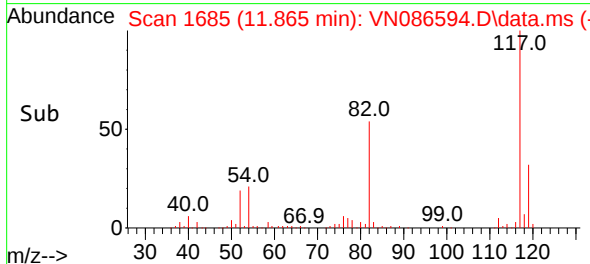
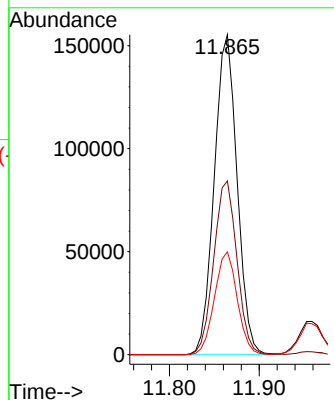
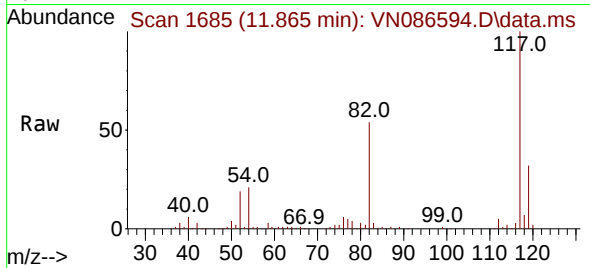




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

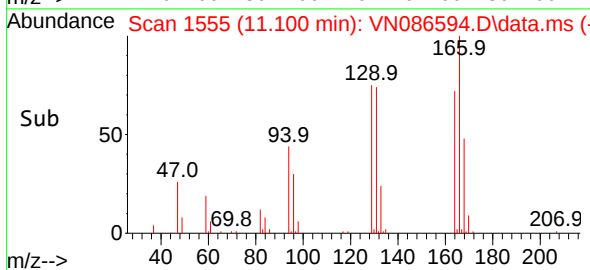
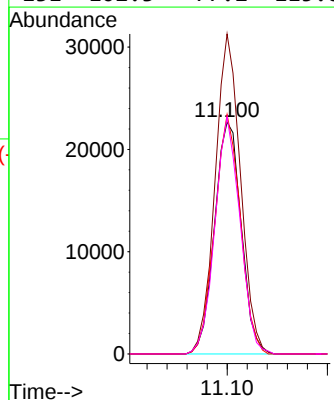
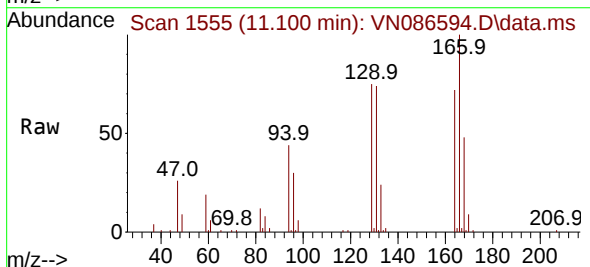
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

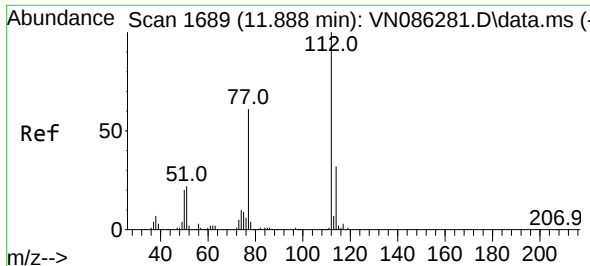
Tgt Ion:117 Resp: 274614
Ion Ratio Lower Upper
117 100
82 54.3 44.7 67.1
119 32.2 26.4 39.6



#64
Tetrachloroethene
Concen: 19.774 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion:164 Resp: 41770
Ion Ratio Lower Upper
164 100
166 138.1 103.0 154.4
129 103.2 80.1 120.1
131 102.3 77.2 115.8

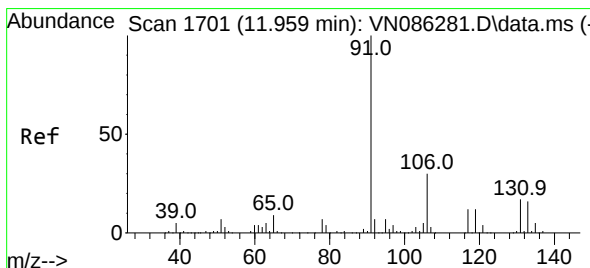
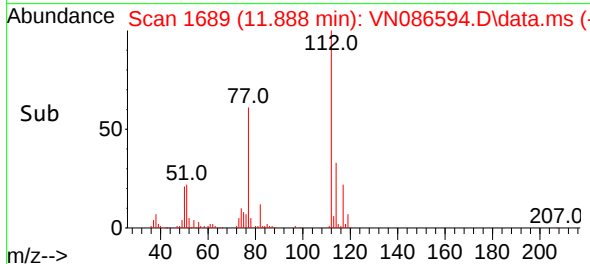
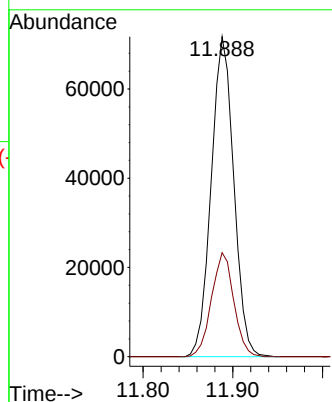
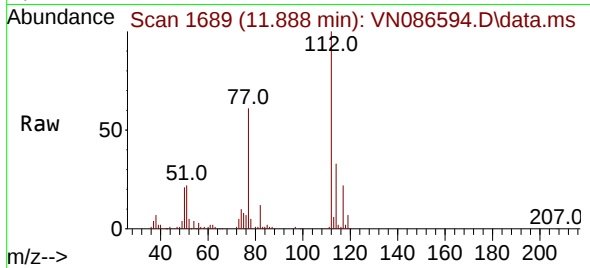




#65
Chlorobenzene
Concen: 20.436 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

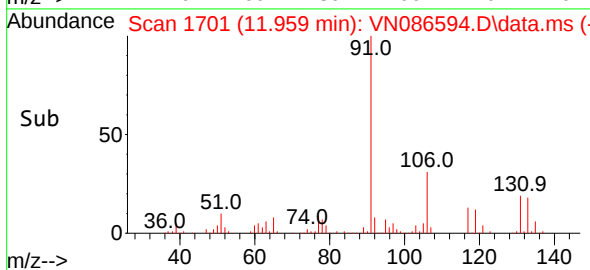
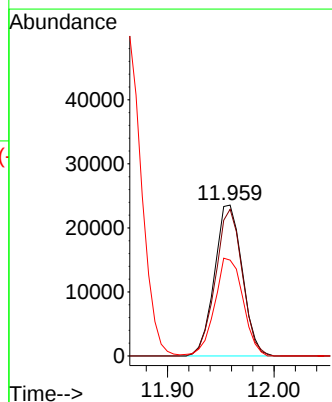
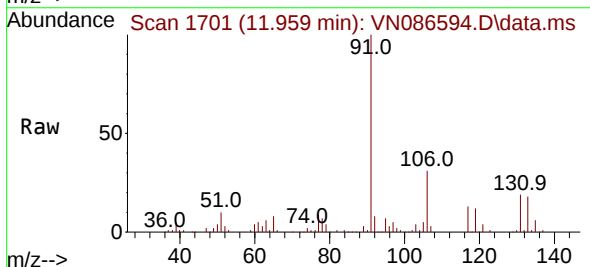
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

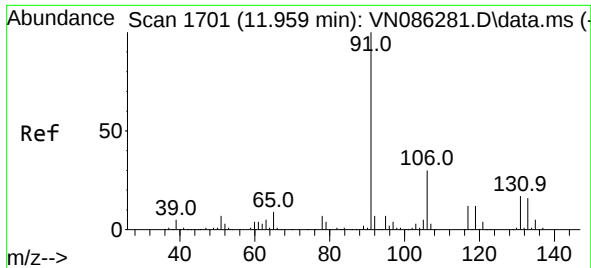
Tgt Ion:112 Resp: 125243
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.108 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion:131 Resp: 42675
Ion Ratio Lower Upper
131 100
133 93.9 47.1 141.3
119 66.1 33.8 101.4

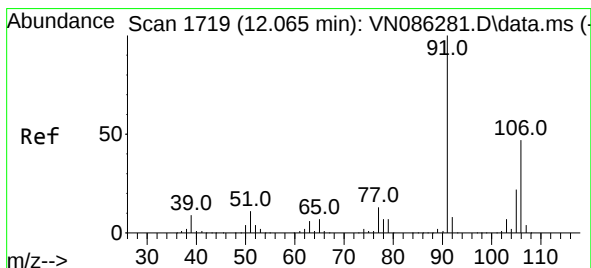
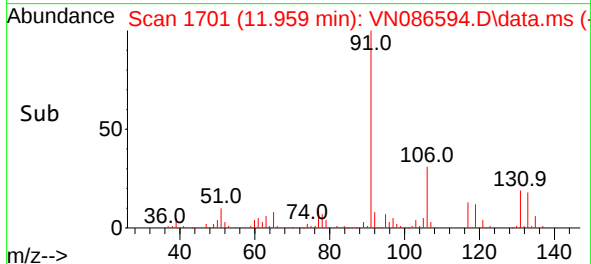
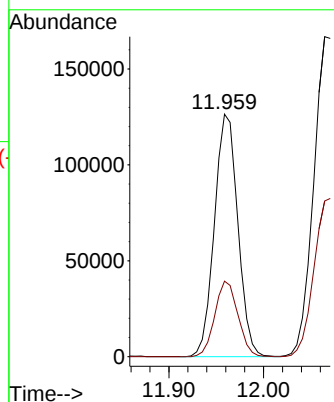
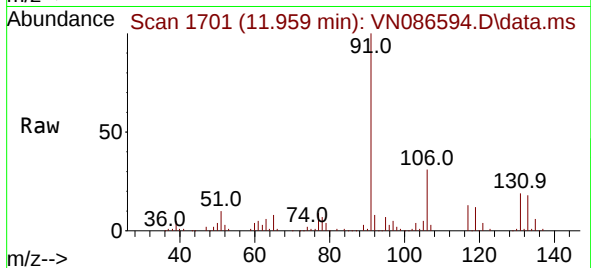




#67
Ethyl Benzene
Concen: 19.667 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

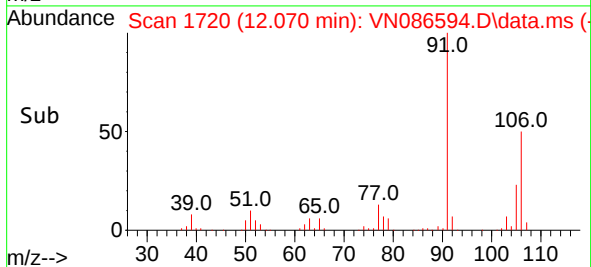
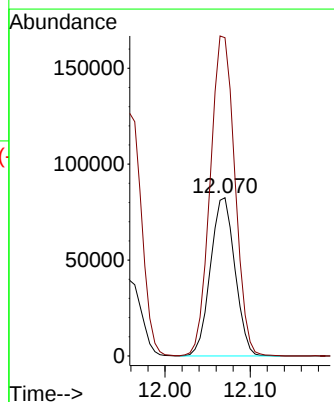
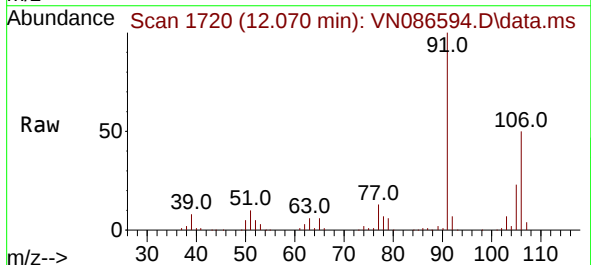
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

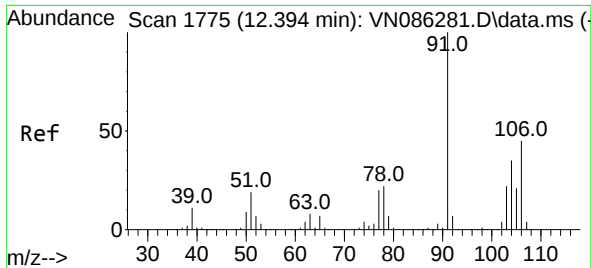
Tgt Ion: 91 Resp: 217501
Ion Ratio Lower Upper
91 100
106 31.2 24.3 36.5



#68
m/p-Xylenes
Concen: 39.750 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion:106 Resp: 164716
Ion Ratio Lower Upper
106 100
91 203.8 166.5 249.7

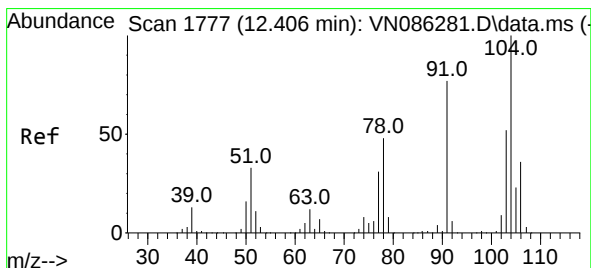
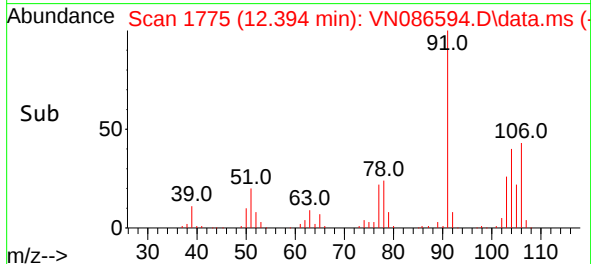
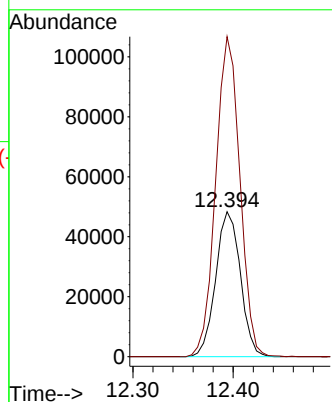
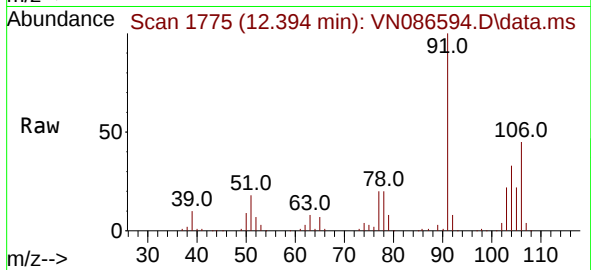




#69
o-Xylene
Concen: 20.156 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

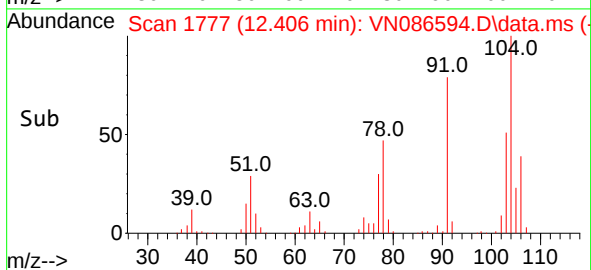
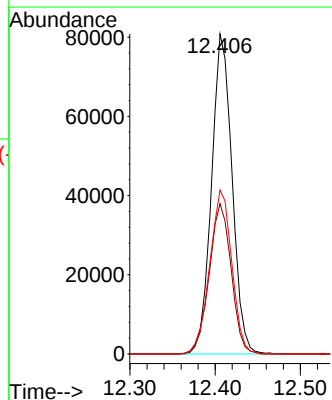
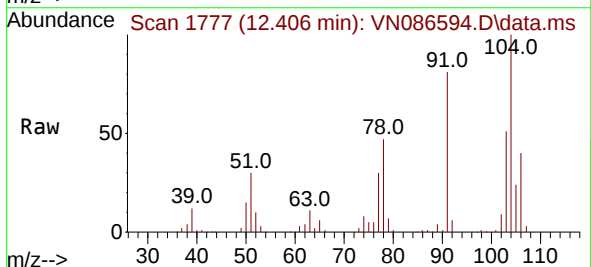
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

Tgt Ion:106 Resp: 82598
Ion Ratio Lower Upper
106 100
91 216.9 109.7 329.0



#70
Styrene
Concen: 19.869 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion:104 Resp: 135666
Ion Ratio Lower Upper
104 100
78 50.2 40.6 61.0
103 55.0 43.6 65.4

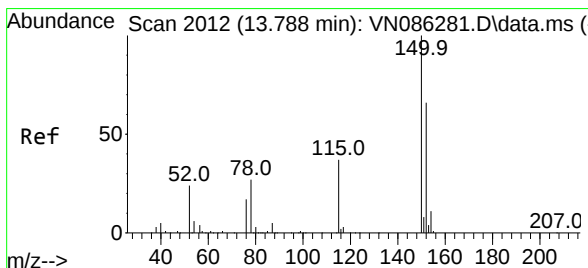
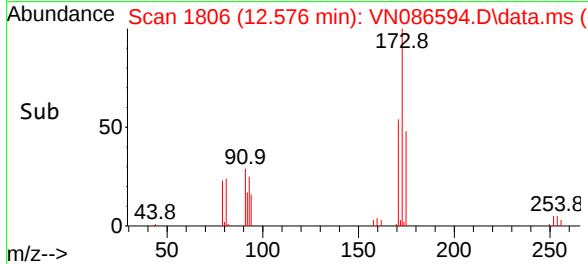
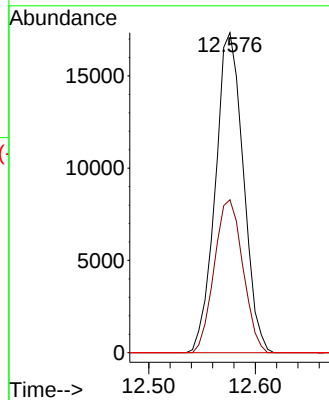
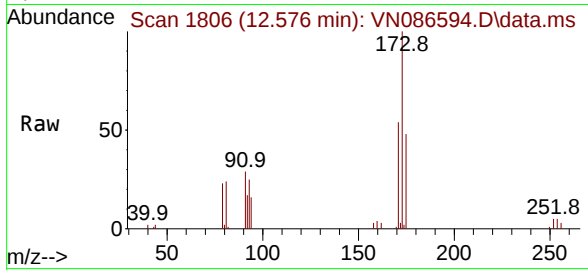




#71
Bromoform
Concen: 20.728 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

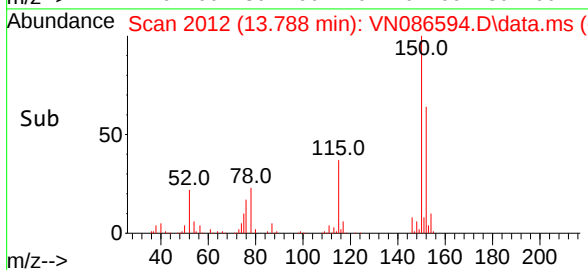
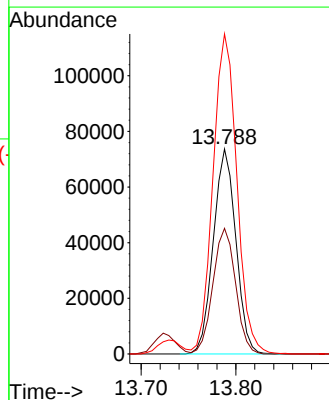
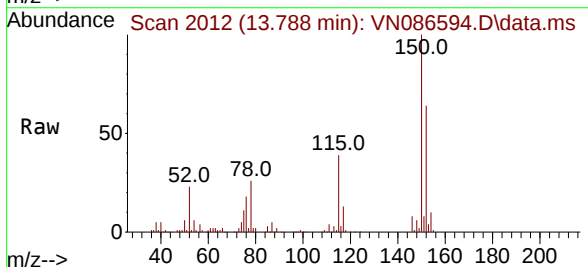
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

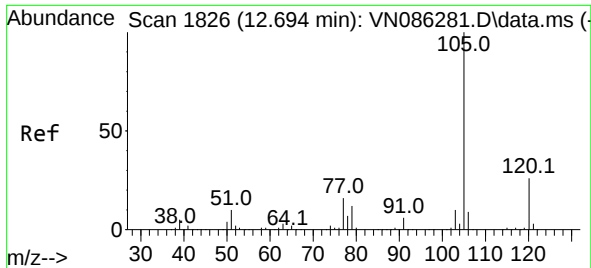
Tgt Ion:173 Resp: 31551
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion:152 Resp: 121911
Ion Ratio Lower Upper
152 100
115 61.6 31.9 95.9
150 165.1 0.0 352.0

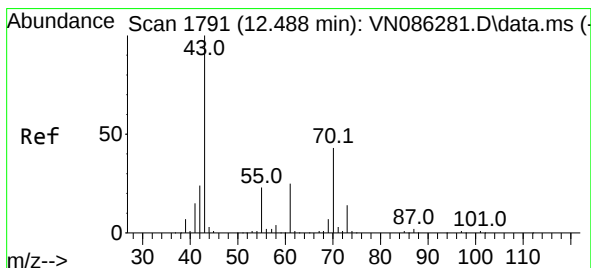
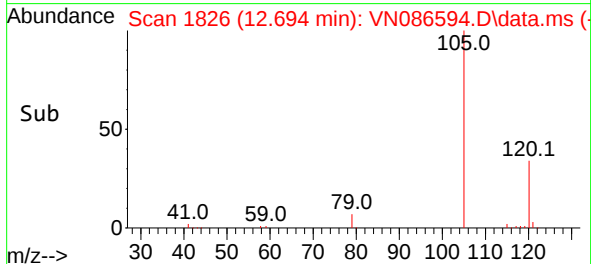
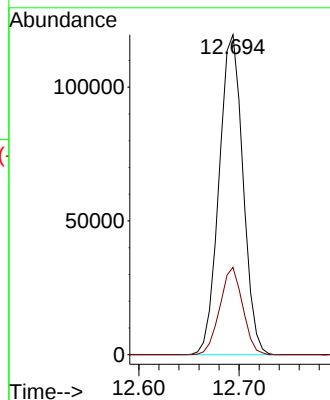
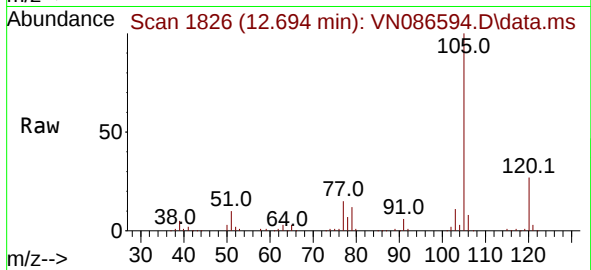




#73
Isopropylbenzene
Concen: 19.839 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

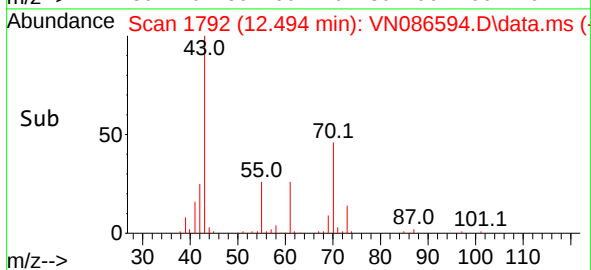
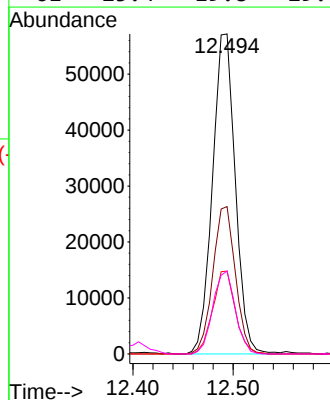
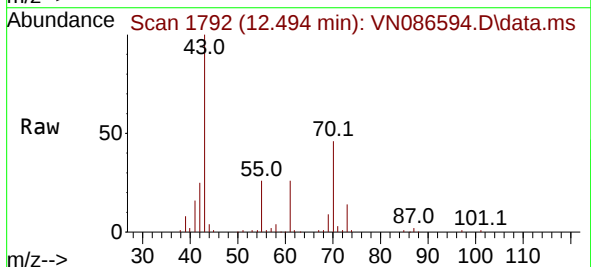
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

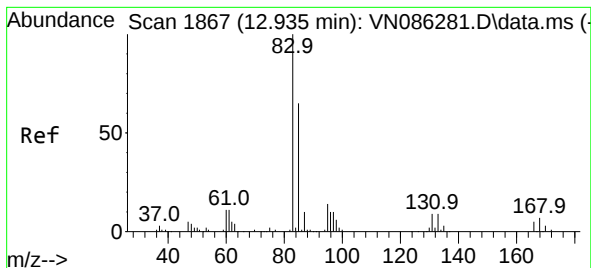
Tgt Ion:105 Resp: 197849
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3



#74
N-ethyl acetate
Concen: 18.258 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion: 43 Resp: 90642
Ion Ratio Lower Upper
43 100
70 45.5 35.0 52.4
55 25.7 19.0 28.4
61 25.4 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.155 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN086594.D

Acq: 13 May 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

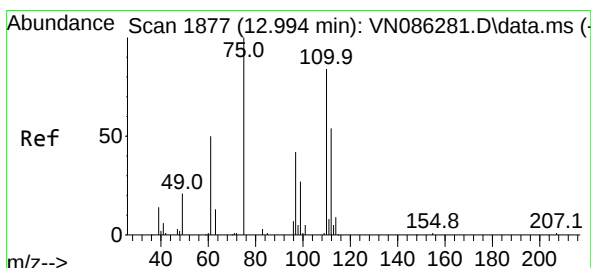
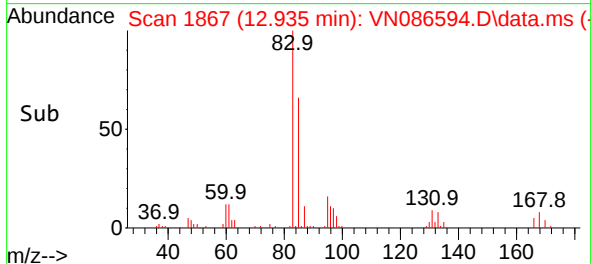
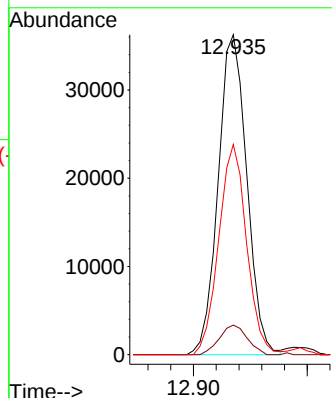
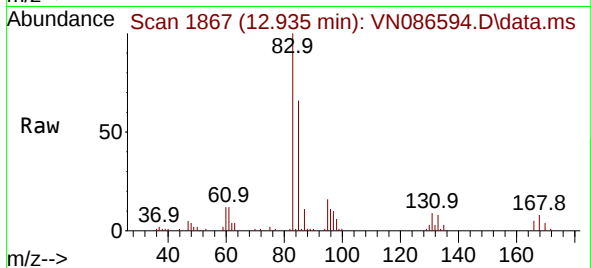
Tgt Ion: 83 Resp: 63526

Ion Ratio Lower Upper

83 100

131 9.0 4.7 14.1

85 63.8 32.7 98.1



#76

1,2,3-Trichloropropane

Concen: 29.194 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VN086594.D

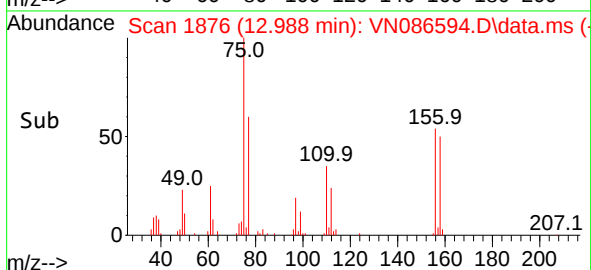
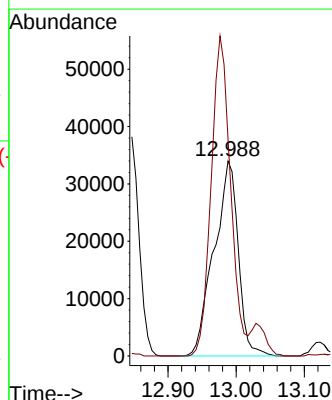
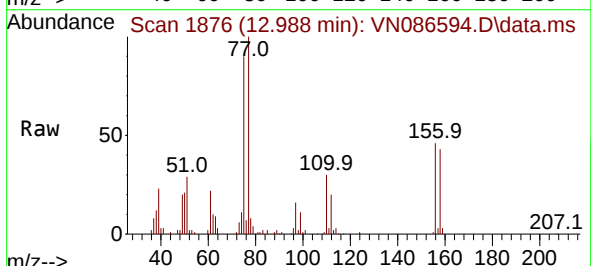
Acq: 13 May 2025 12:09

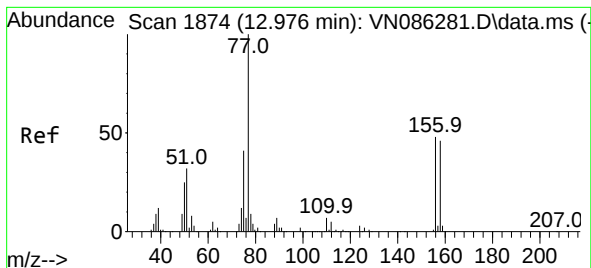
Tgt Ion: 75 Resp: 83990

Ion Ratio Lower Upper

75 100

77 131.8 98.8 296.4





#77

Bromobenzene

Concen: 22.530 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086594.D

Acq: 13 May 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

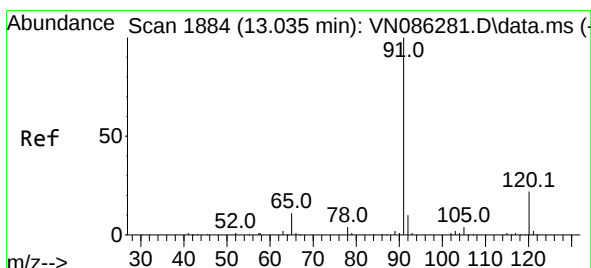
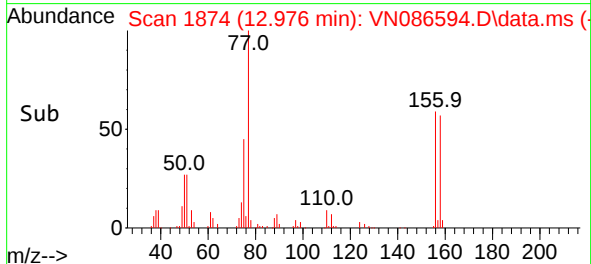
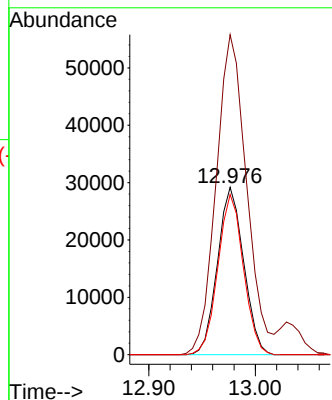
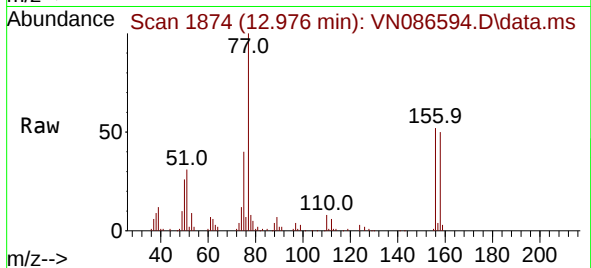
Tgt Ion:156 Resp: 49783

Ion Ratio Lower Upper

156 100

77 222.4 121.1 363.1

158 93.3 47.9 143.6



#78

n-propylbenzene

Concen: 19.470 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN086594.D

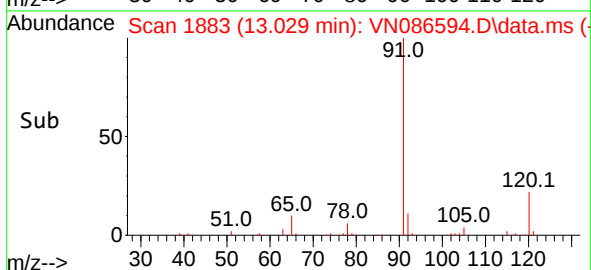
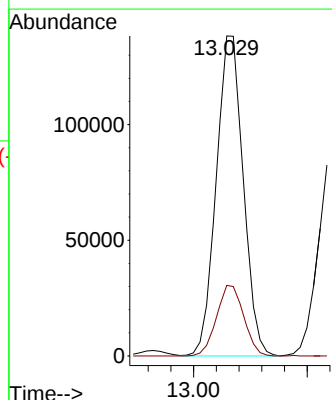
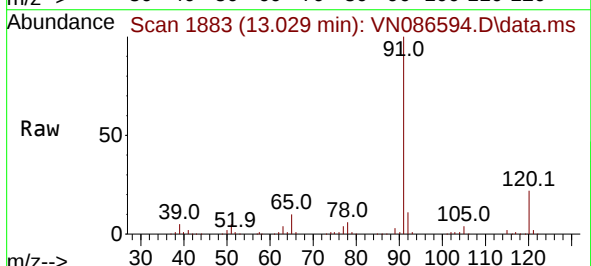
Acq: 13 May 2025 12:09

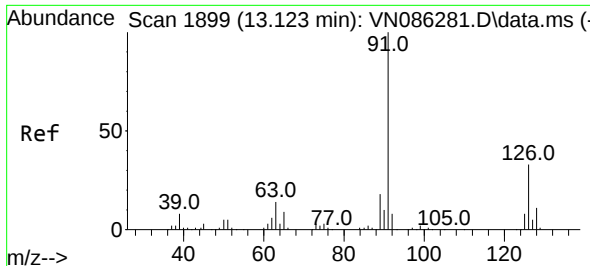
Tgt Ion: 91 Resp: 228801

Ion Ratio Lower Upper

91 100

120 22.1 11.1 33.3

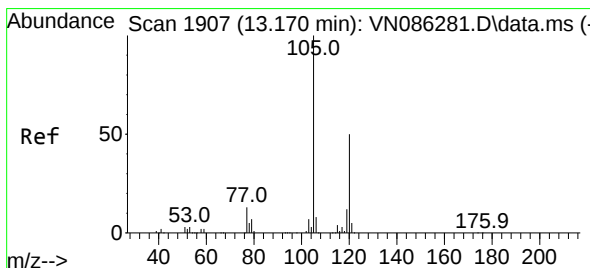
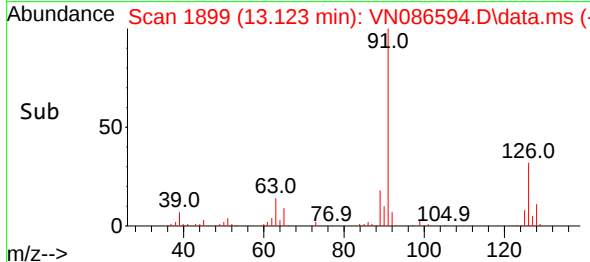
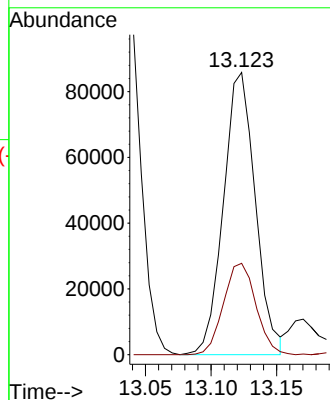
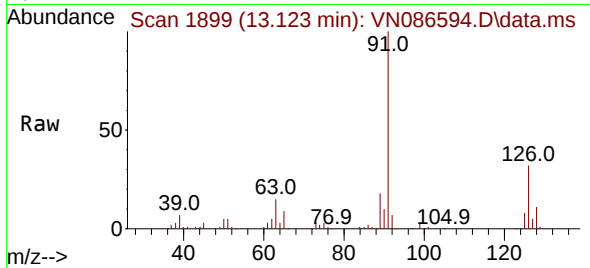




#79
2-Chlorotoluene
Concen: 19.773 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

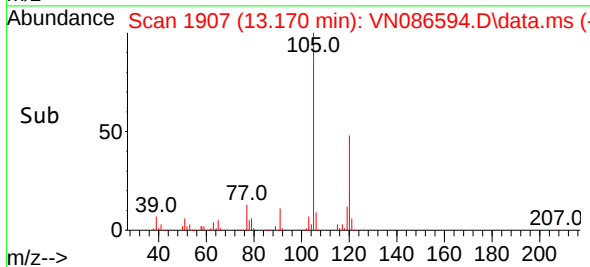
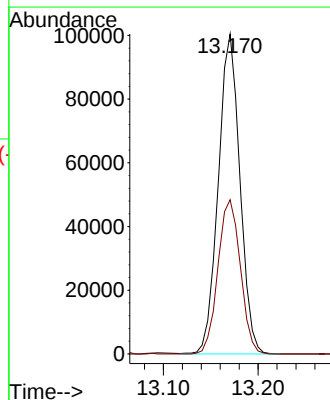
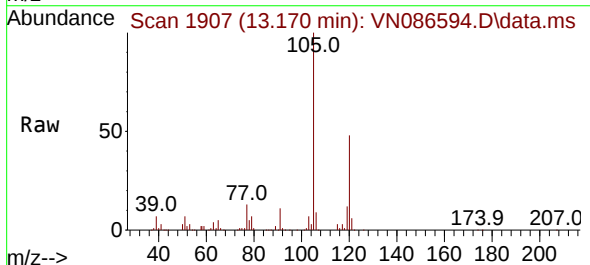
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

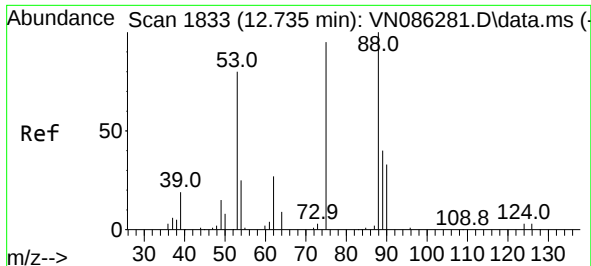
Tgt Ion: 91 Resp: 145395
Ion Ratio Lower Upper
91 100
126 32.9 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 19.512 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion: 105 Resp: 159259
Ion Ratio Lower Upper
105 100
120 49.9 24.5 73.5

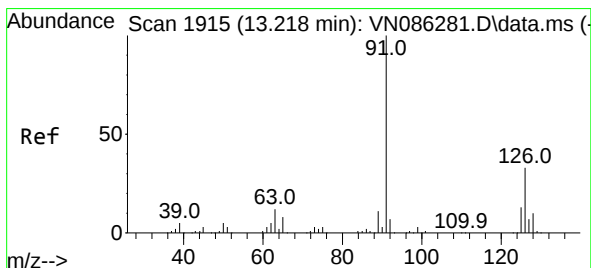
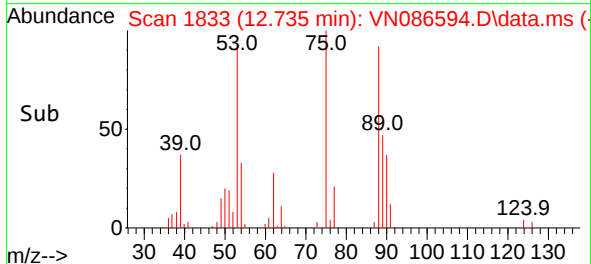
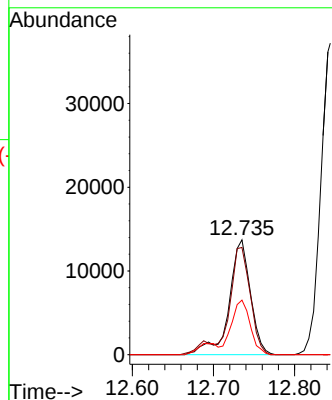
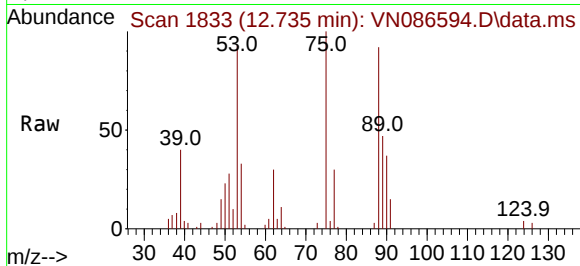




#81
trans-1,4-Dichloro-2-butene
Concen: 20.952 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

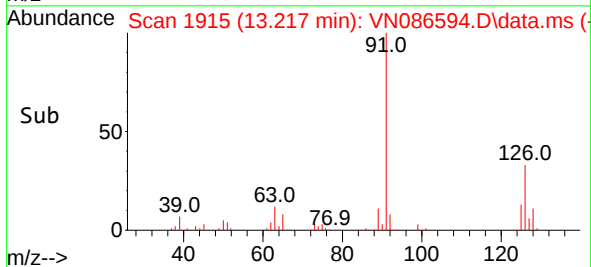
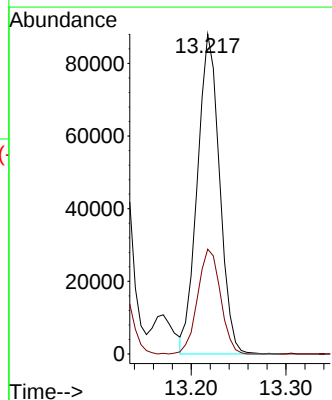
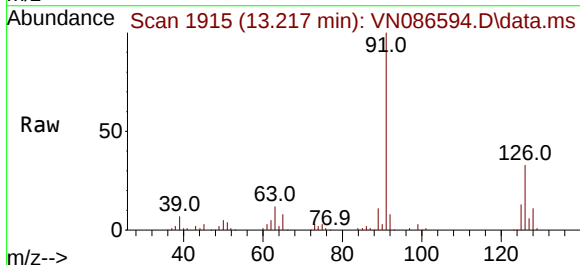
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

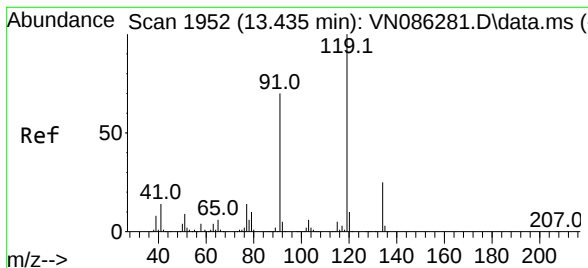
Tgt Ion: 75 Resp: 25098
Ion Ratio Lower Upper
75 100
53 86.1 79.2 118.8
89 42.1 35.7 53.5



#82
4-Chlorotoluene
Concen: 19.615 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion: 91 Resp: 143278
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6





#83

tert-Butylbenzene

Concen: 19.533 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086594.D

Acq: 13 May 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

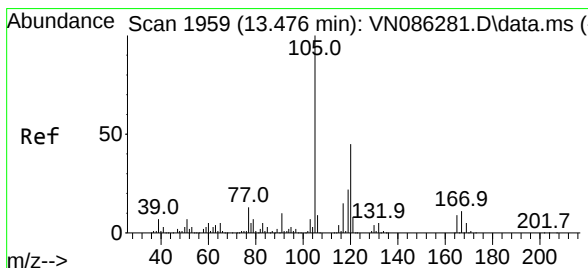
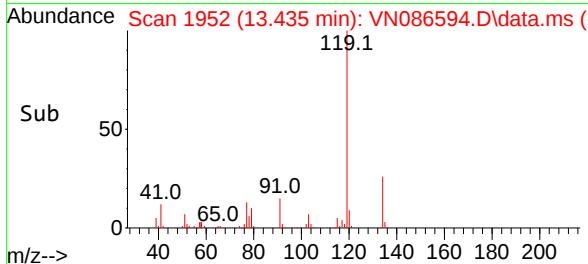
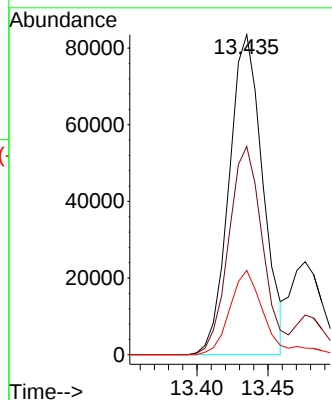
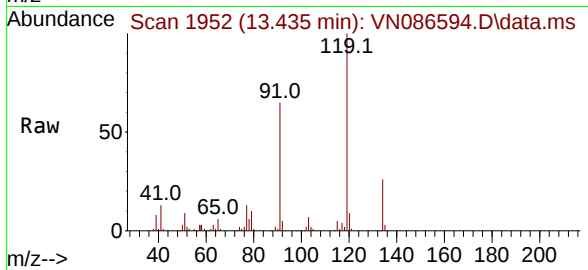
Tgt Ion:119 Resp: 138147

Ion Ratio Lower Upper

119 100

91 65.8 34.4 103.3

134 27.0 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 19.363 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086594.D

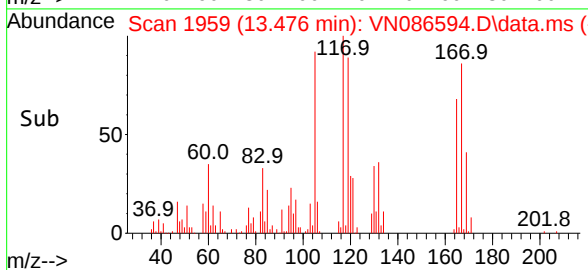
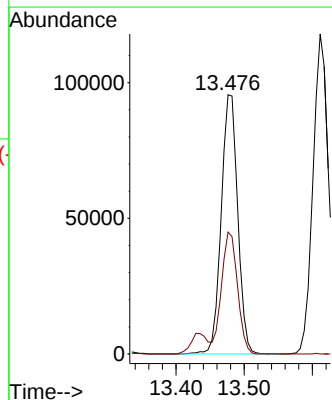
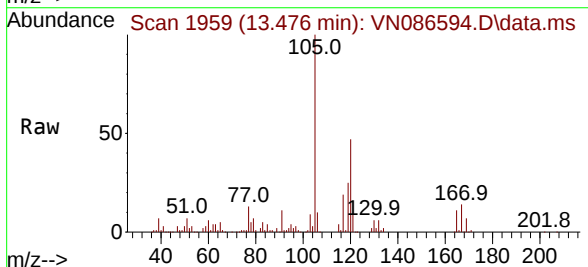
Acq: 13 May 2025 12:09

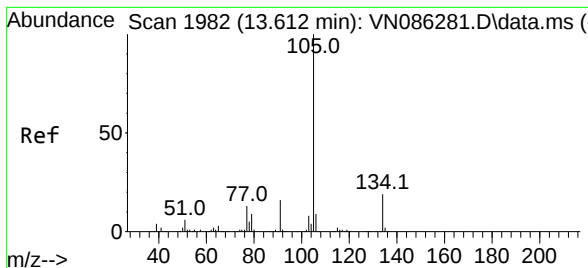
Tgt Ion:105 Resp: 160879

Ion Ratio Lower Upper

105 100

120 45.4 22.4 67.3

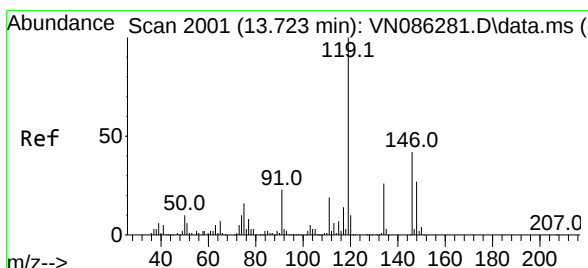
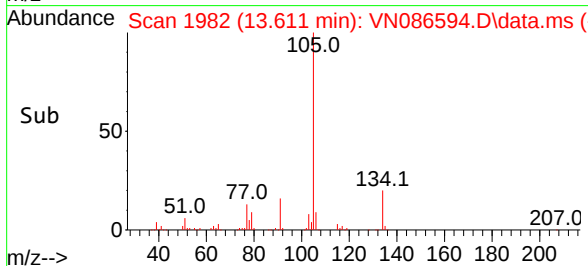
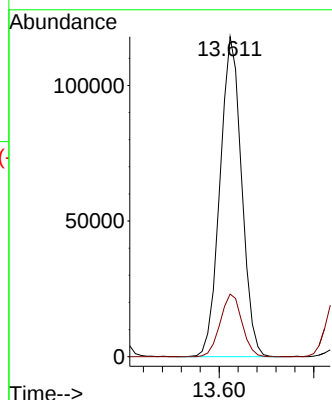
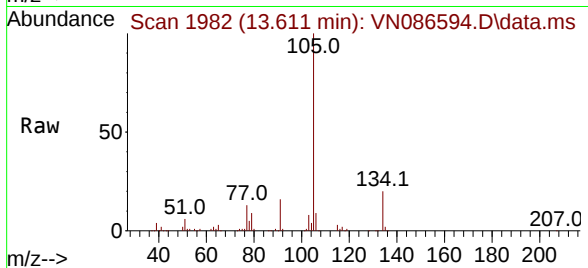




#85
 sec-Butylbenzene
 Concen: 19.074 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086594.D
 Acq: 13 May 2025 12:09

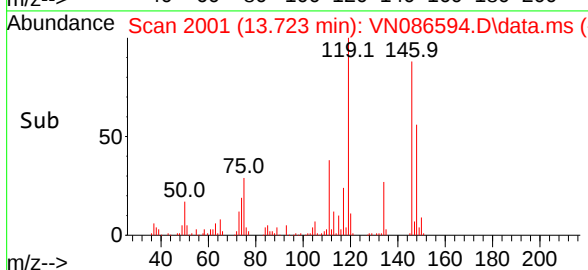
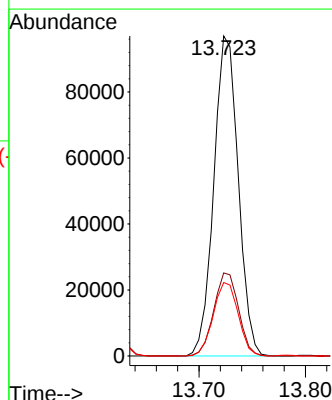
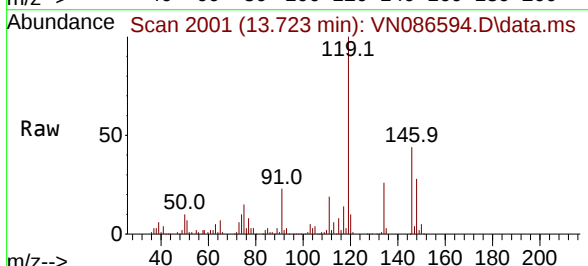
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBSD01

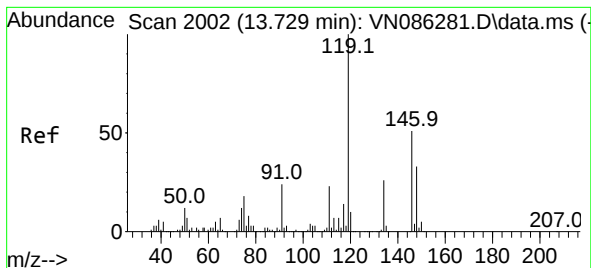
Tgt Ion:105 Resp: 187119
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 19.089 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086594.D
 Acq: 13 May 2025 12:09

Tgt Ion:119 Resp: 154353
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 23.5 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 20.475 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086594.D

Acq: 13 May 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

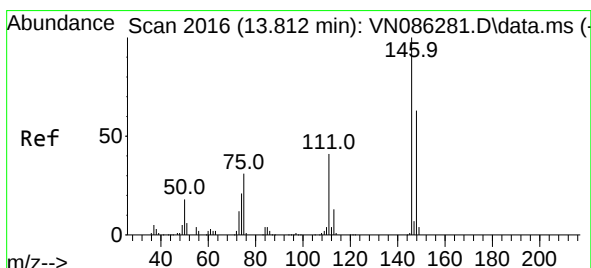
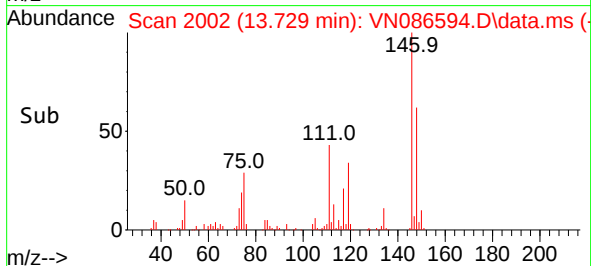
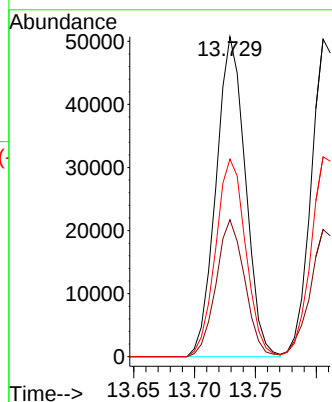
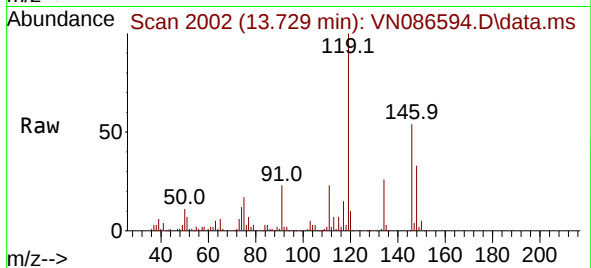
Tgt Ion:146 Resp: 85051

Ion Ratio Lower Upper

146 100

111 41.9 21.9 65.7

148 63.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.471 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. -0.006 min

Lab File: VN086594.D

Acq: 13 May 2025 12:09

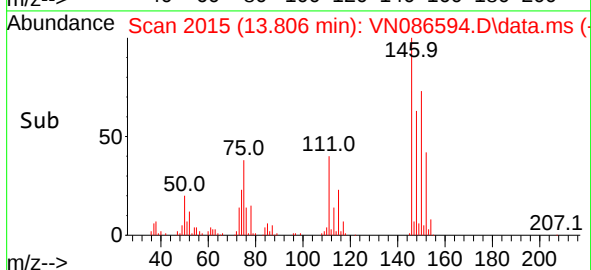
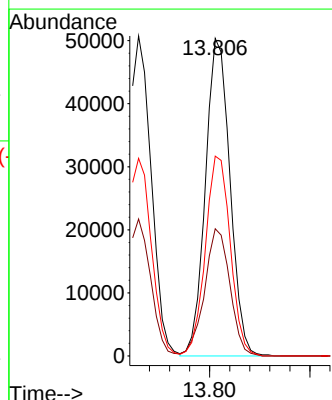
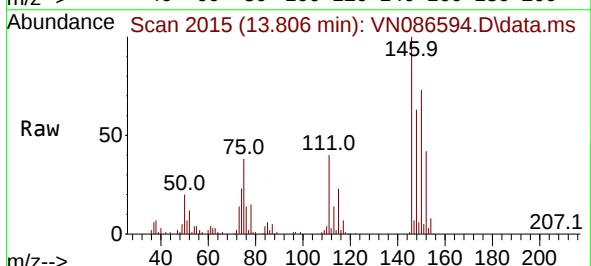
Tgt Ion:146 Resp: 85647

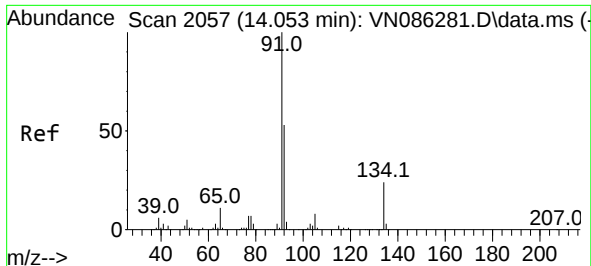
Ion Ratio Lower Upper

146 100

111 41.2 21.3 63.9

148 64.0 31.9 95.9

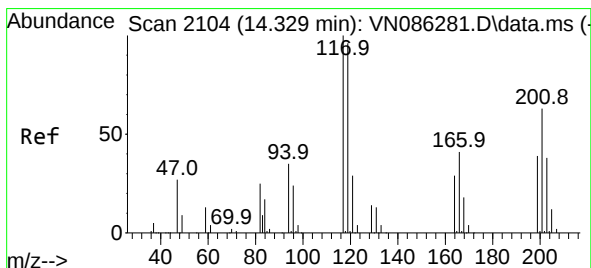
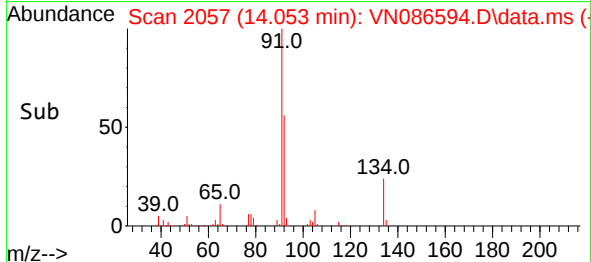
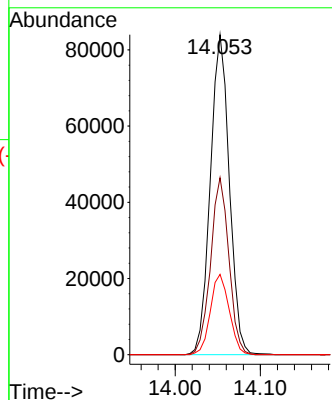
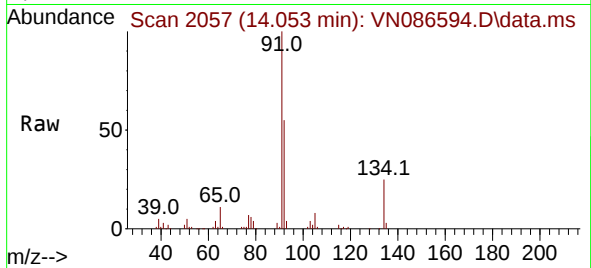




#89
n-Butylbenzene
Concen: 18.199 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

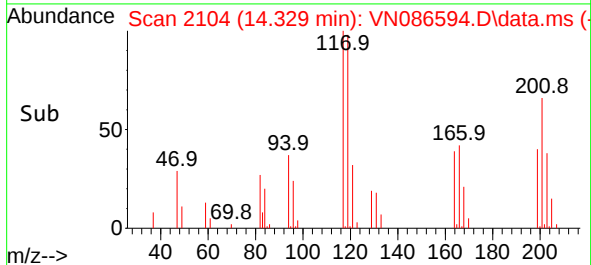
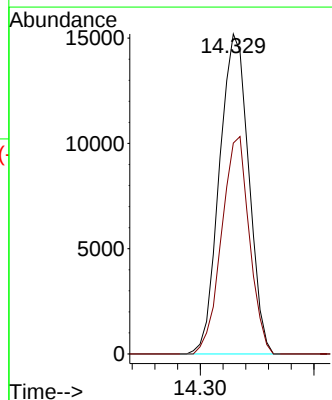
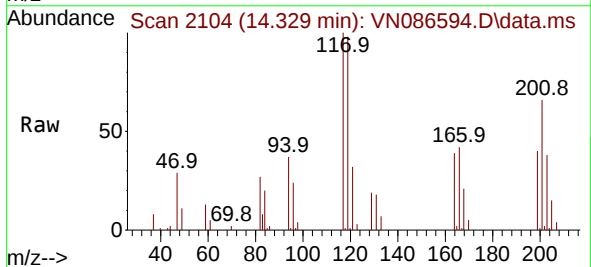
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

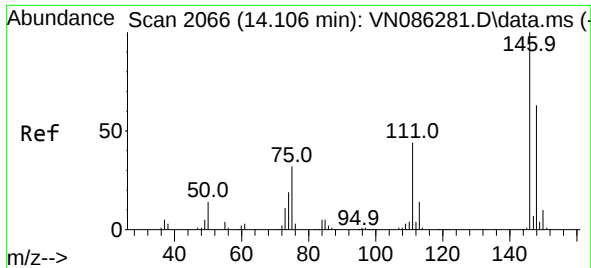
Tgt Ion: 91 Resp: 130434
Ion Ratio Lower Upper
91 100
92 53.2 26.8 80.4
134 24.9 12.2 36.6



#90
Hexachloroethane
Concen: 20.008 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion: 117 Resp: 27213
Ion Ratio Lower Upper
117 100
201 64.5 31.4 94.2

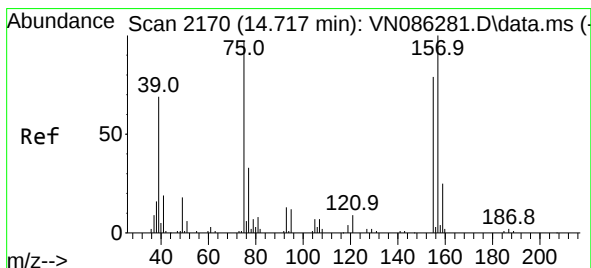
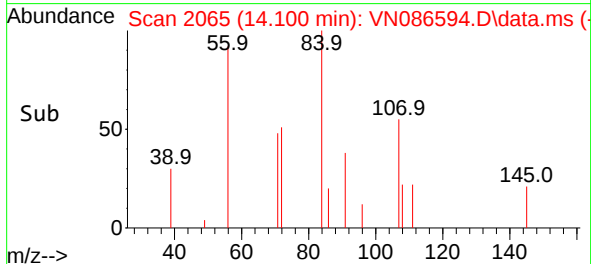
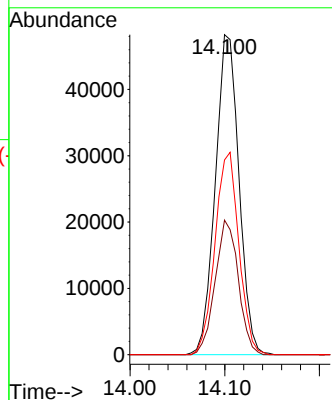
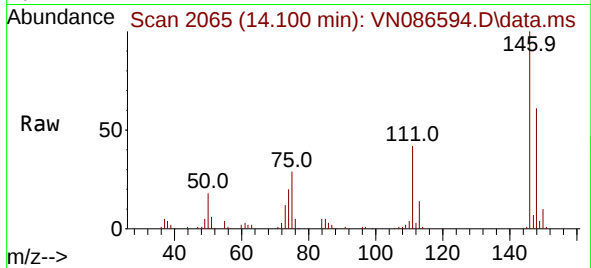




#91
1,2-Dichlorobenzene
Concen: 20.816 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

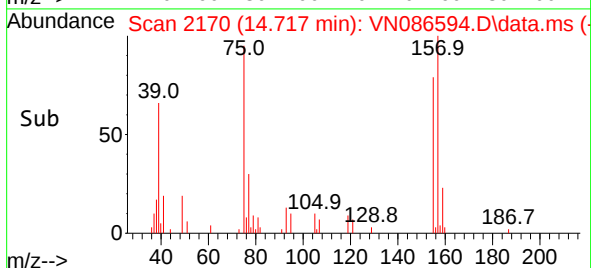
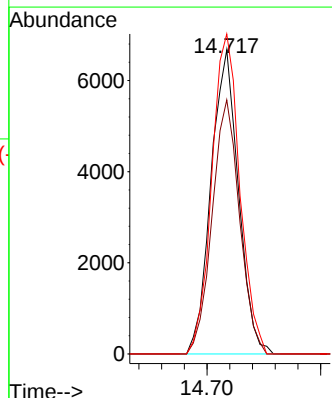
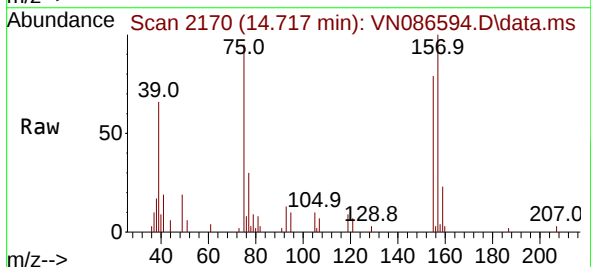
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

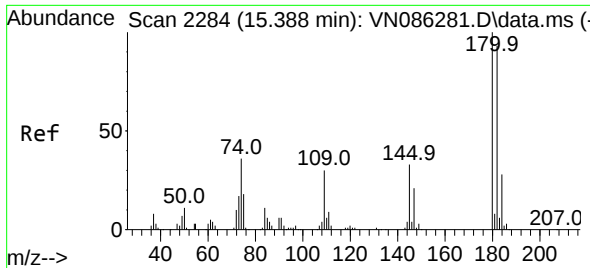
Tgt Ion:146 Resp: 83833
Ion Ratio Lower Upper
146 100
111 41.2 22.4 67.0
148 63.8 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.368 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion: 75 Resp: 11198
Ion Ratio Lower Upper
75 100
155 83.2 40.3 120.9
157 107.2 49.0 147.2

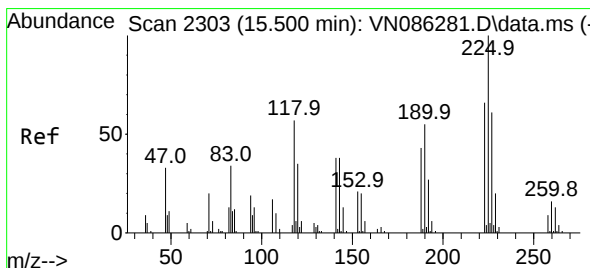
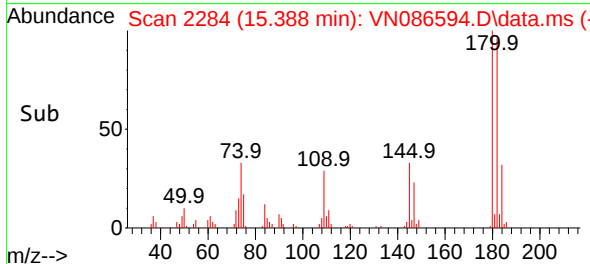
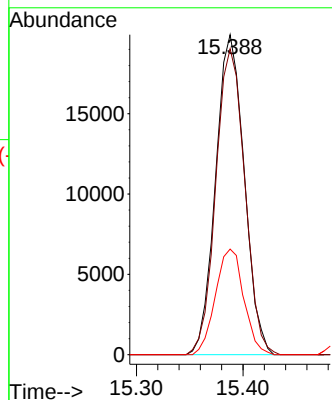
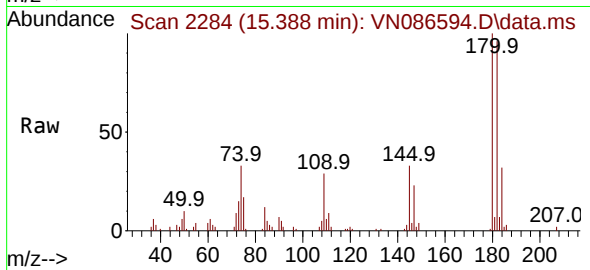




#93
 1,2,4-Trichlorobenzene
 Concen: 19.250 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086594.D
 Acq: 13 May 2025 12:09

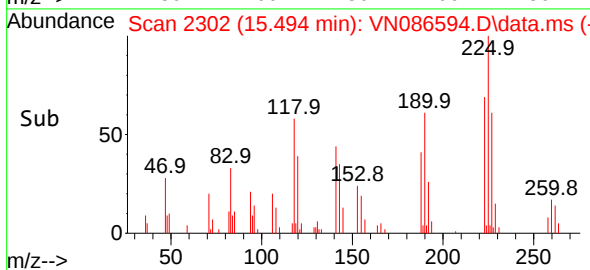
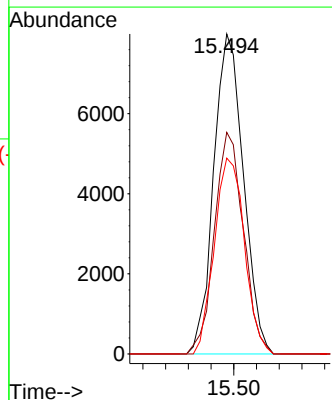
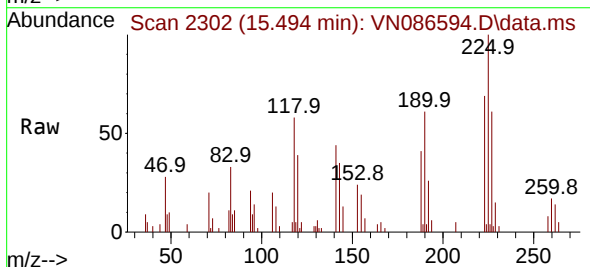
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBSD01

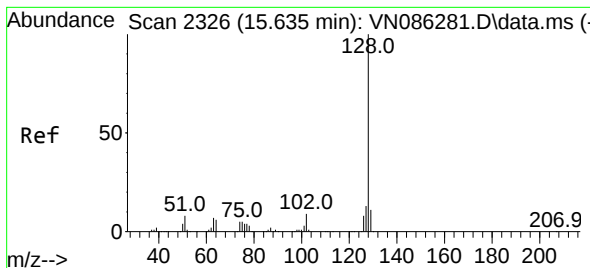
Tgt Ion:180 Resp: 37122
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.0 141.0
 145 32.7 16.4 49.1



#94
 Hexachlorobutadiene
 Concen: 19.977 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN086594.D
 Acq: 13 May 2025 12:09

Tgt Ion:225 Resp: 14542
 Ion Ratio Lower Upper
 225 100
 223 67.4 32.8 98.3
 227 61.9 31.4 94.0

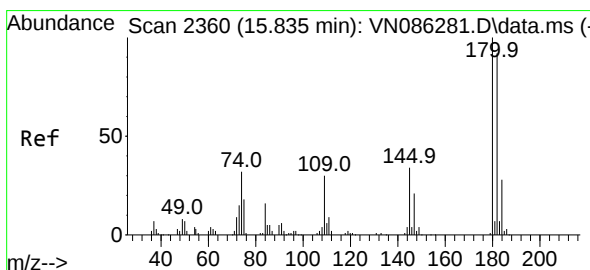
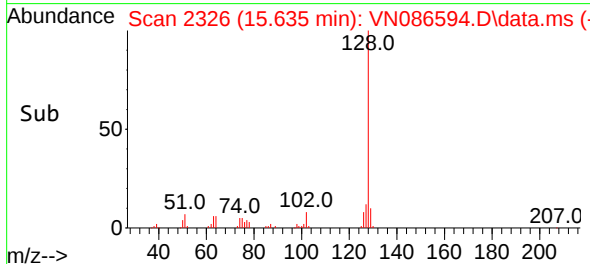
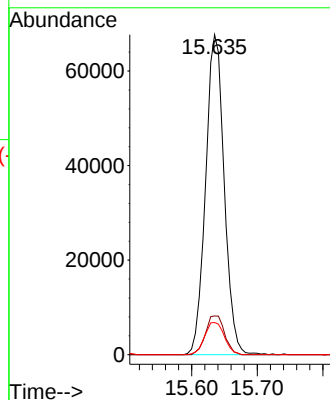
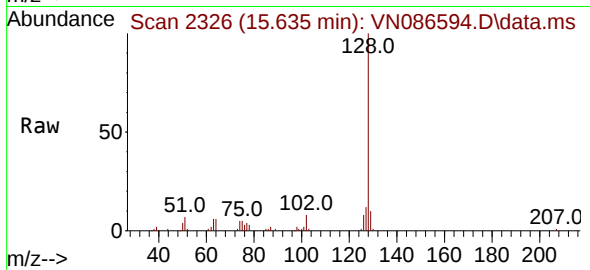




#95
Naphthalene
Concen: 19.545 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

Tgt Ion:128 Resp: 133610
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.831 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086594.D
Acq: 13 May 2025 12:09

Tgt Ion:180 Resp: 36205
Ion Ratio Lower Upper
180 100
182 96.8 47.3 142.0
145 33.8 17.2 51.5

