

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
 Data File : VN084619.D
 Acq On : 31 Oct 2024 14:42
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 01 02:42:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	33219	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	181690	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	170699	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	78518	29.401	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.000%
60) 4-Bromofluorobenzene	12.847	95	87996	29.939	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.800%
63) Toluene-d8	10.565	98	235463	29.138	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.133%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	39007	20.189	ug/l	96
3) Chloromethane	2.359	50	45924	19.742	ug/l	96
4) Vinyl Chloride	2.512	62	43634	20.200	ug/l	96
5) Bromomethane	2.900	94	21634	19.733	ug/l	100
6) Chloroethane	3.077	64	27349	19.284	ug/l #	89
7) Trichlorofluoromethane	3.471	101	70373	20.061	ug/l	100
8) Diethyl Ether	3.953	74	26411	21.107	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.353	101	41161	20.762	ug/l	98
10) 1,1-Dichloroethene	4.330	96	38591	19.934	ug/l	94
11) Methyl Iodide	4.577	142	52797	19.843	ug/l	92
12) Methyl Acetate	5.018	43	54572	18.084	ug/l	98
13) Acrolein	4.171	56	36257	97.432	ug/l	97
14) Acrylonitrile	5.718	53	99433	100.722	ug/l	97
15) Acetone	4.430	58	26069	102.773	ug/l	95
16) Carbon Disulfide	4.700	76	112949	19.828	ug/l	98
17) Allyl chloride	5.012	41	62388	18.913	ug/l	93
18) Methylene Chloride	5.265	84	43401	19.131	ug/l	98
19) trans-1,2-Dichloroethene	5.783	96	39248	19.342	ug/l	94
20) Diisopropyl ether	6.665	45	129663	19.635	ug/l	97
21) 1,1-Dichloroethane	6.565	63	76784	19.334	ug/l	97
22) cis-1,2-Dichloroethene	7.482	96	46989	19.396	ug/l	97
23) tert-Butyl Alcohol	5.541	59	37052	107.508	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	122468	19.562	ug/l	100
25) Chloroform	7.965	83	79286	19.486	ug/l	97
26) Cyclohexane	8.253	56	62127	20.480	ug/l #	99
29) 1,1-Dichloropropene	8.371	75	53477	19.541	ug/l	99
30) 2-Butanone	7.482	43	126487	100.199	ug/l	100
31) 2,2-Dichloropropane	7.488	77	66622	19.943	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	71786	19.308	ug/l	99
33) Carbon Tetrachloride	8.365	117	62252	19.622	ug/l	94
34) Benzene	8.606	78	173675	19.200	ug/l #	95
35) Methacrylonitrile	7.777	41	29897	19.983	ug/l	98
36) 1,2-Dichloroethane	8.671	62	57389	19.078	ug/l	99
37) Trichloroethene	9.353	130	40639	19.915	ug/l	85
38) Methylcyclohexane	9.600	83	57621	19.559	ug/l	97
39) 1,2-Dichloropropane	9.623	63	41855	19.222	ug/l	90
40) Dibromomethane	9.706	93	29763	19.539	ug/l	97
41) Bromodichloromethane	9.882	83	63336	19.395	ug/l	94
42) Vinyl Acetate	6.600	43	471501	99.926	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
 Data File : VN084619.D
 Acq On : 31 Oct 2024 14:42
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

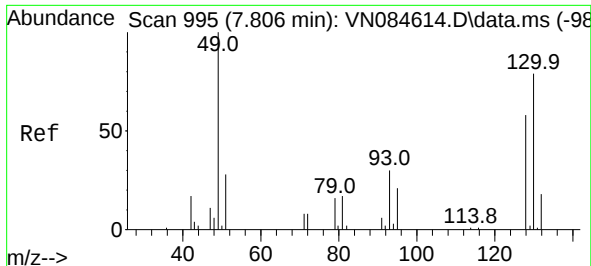
Quant Time: Nov 01 02:42:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	52600	19.830	ug/l	96
44) Isopropyl Acetate	8.688	43	98265	18.295	ug/l	100
45) 1,4-Dioxane	9.694	88	14685	409.524	ug/l	94
46) Methyl methacrylate	9.682	41	42350	19.620	ug/l	91
47) n-amyl Acetate	12.494	43	79469	19.811	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	63042	19.551	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	67490	19.529	ug/l	97
50) 1,1,2-Trichloroethane	11.012	97	40428	19.786	ug/l	92
51) Ethyl methacrylate	10.870	69	61356	19.481	ug/l	96
52) 1,3-Dichloropropane	11.165	76	68595	19.341	ug/l	98
53) Dibromochloromethane	11.359	129	47080	19.690	ug/l	98
54) 1,2-Dibromoethane	11.465	107	40000	19.356	ug/l	96
55) 2-Chloroethyl vinyl ether	10.159	63	158206	102.456	ug/l	99
56) Bromoform	12.582	173	31892	19.898	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	269754	100.170	ug/l	98
59) 2-Hexanone	11.194	43	196485	99.639	ug/l	99
61) Tetrachloroethene	11.100	164	34173	19.129	ug/l	94
62) Toluene	10.629	91	184150	18.941	ug/l	99
64) Chlorobenzene	11.894	112	114563	19.519	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.959	131	40847	18.937	ug/l	97
66) Ethyl Benzene	11.965	91	193657	18.953	ug/l	95
67) m/p-Xylenes	12.070	106	153096	39.137	ug/l	98
68) o-Xylene	12.400	106	73335	19.434	ug/l	95
69) Styrene	12.412	104	124645	19.701	ug/l	99
70) Isopropylbenzene	12.694	105	188026	20.058	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.935	83	58559	19.273	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	75346	29.042	ug/l	72
73) Bromobenzene	12.982	156	46221	19.118	ug/l	94
74) n-propylbenzene	13.035	91	217666	19.858	ug/l	100
75) 2-Chlorotoluene	13.123	91	141697	19.851	ug/l	97
76) 1,3,5-Trimethylbenzene	13.170	105	160297	20.014	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	20549	19.312	ug/l	95
78) 4-Chlorotoluene	13.217	91	141472	19.616	ug/l	99
79) tert-butylbenzene	13.441	119	134979	20.379	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	160493	19.863	ug/l	99
81) sec-Butylbenzene	13.617	105	179829	19.704	ug/l	100
82) p-Isopropyltoluene	13.729	119	148622	19.381	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	86431	19.330	ug/l	97
84) 1,4-Dichlorobenzene	13.811	146	87143	19.724	ug/l	97
85) n-Butylbenzene	14.053	91	124802	19.377	ug/l	99
86) Hexachloroethane	14.335	117	30122	19.206	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	86578	19.650	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.717	75	12268	20.926	ug/l	98
89) 1,2,4-Trichlorobenzene	15.835	180	43307	20.187	ug/l	98
90) Hexachlorobutadiene	15.500	225	19143	20.428	ug/l	96
91) Naphthalene	15.641	128	132615	19.356	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	43307	20.187	ug/l	98

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

Quant Time: Nov 01 02:42:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 01 02:38:04 2024
Response via : Initial Calibration

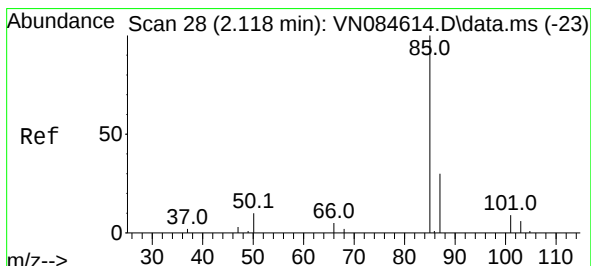
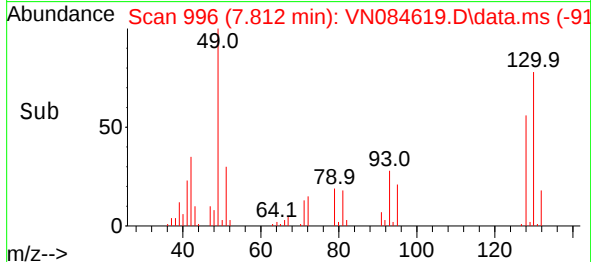
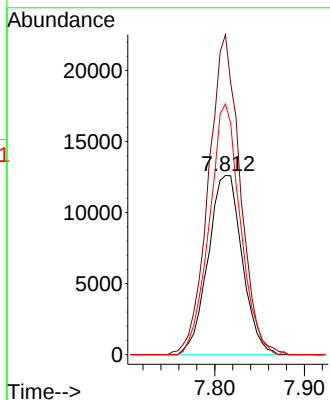
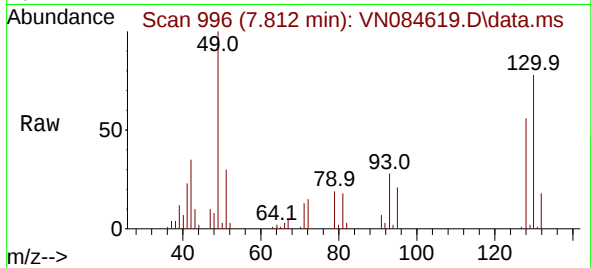




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

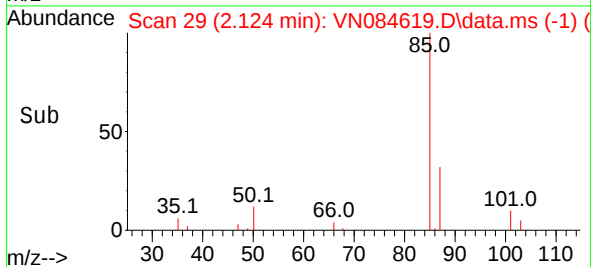
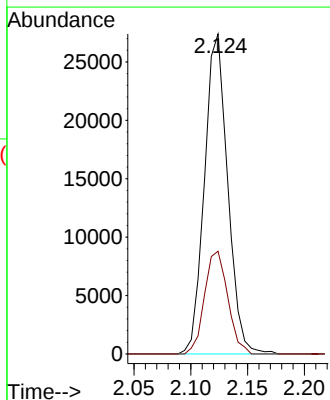
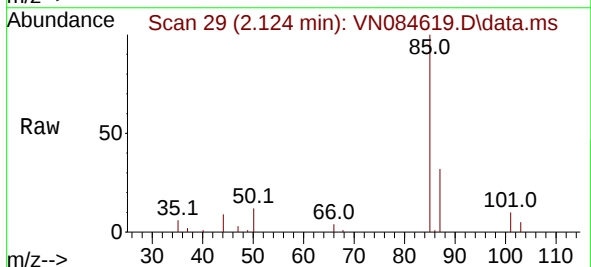
Instrument :
MSVOA_N
ClientSampleId :

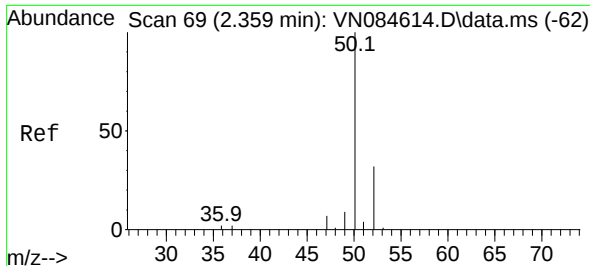
Tgt Ion:128 Resp: 33219
Ion Ratio Lower Upper
128 100
49 166.1 0.0 427.0
130 127.7 0.0 322.2



#2
Dichlorodifluoromethane
Concen: 20.189 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 85 Resp: 39007
Ion Ratio Lower Upper
85 100
87 32.1 14.9 44.9

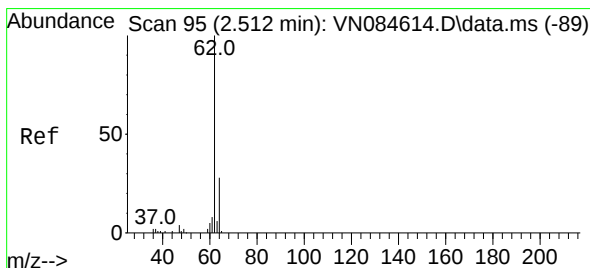
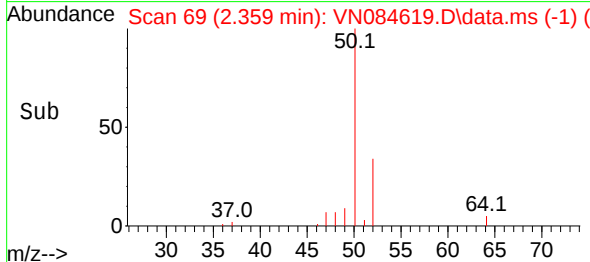
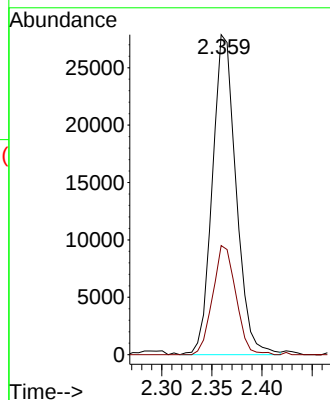
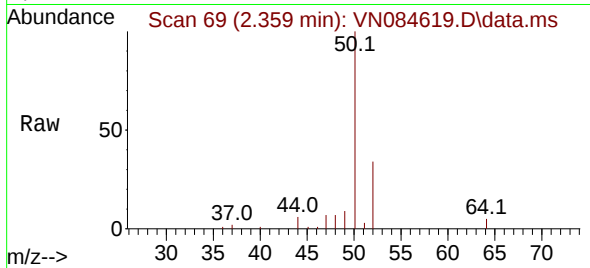




#3
Chloromethane
Concen: 19.742 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

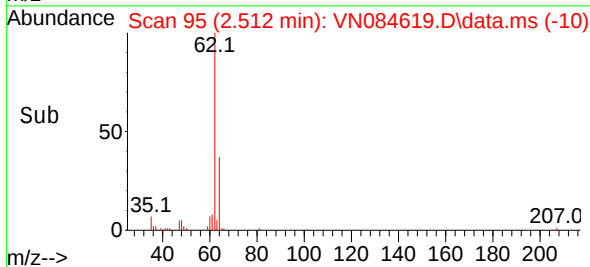
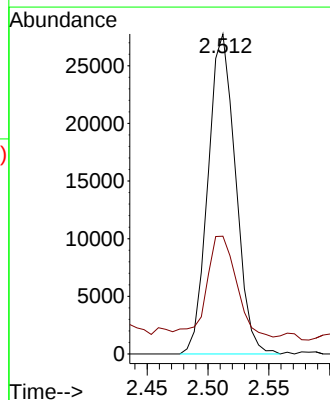
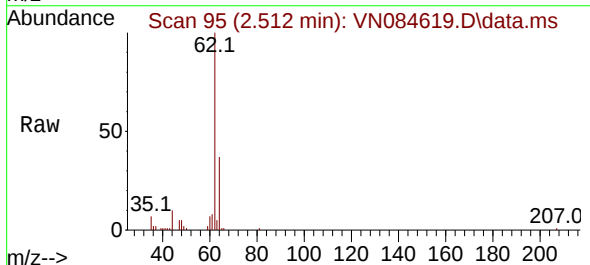
Instrument :
MSVOA_N
ClientSampleId :

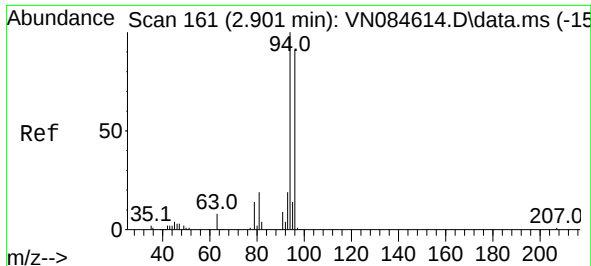
Tgt Ion: 50 Resp: 45924
Ion Ratio Lower Upper
50 100
52 34.1 25.5 38.3



#4
Vinyl Chloride
Concen: 20.200 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 62 Resp: 43634
Ion Ratio Lower Upper
62 100
64 31.2 23.1 34.7





#5

Bromomethane

Concen: 19.733 ug/l

RT: 2.900 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

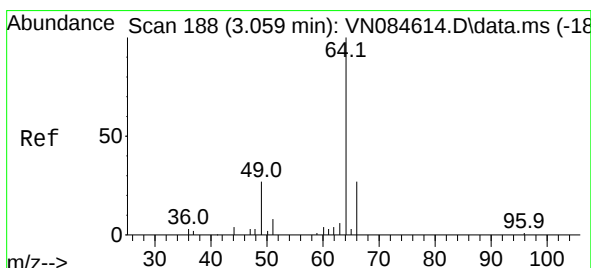
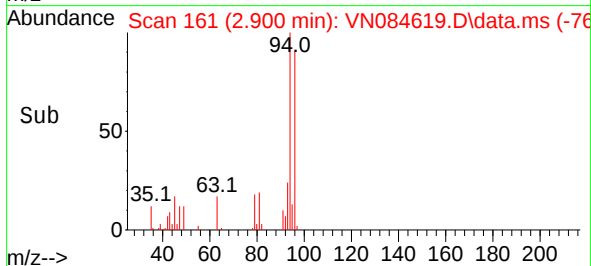
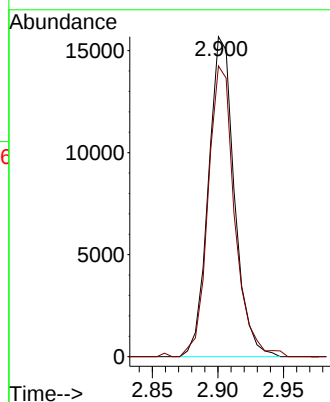
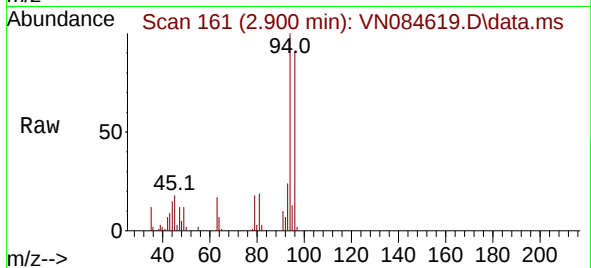
ClientSampleId :

Tgt Ion: 94 Resp: 21634

Ion Ratio Lower Upper

94 100

96 90.9 72.7 109.1



#6

Chloroethane

Concen: 19.284 ug/l

RT: 3.077 min Scan# 191

Delta R.T. 0.017 min

Lab File: VN084619.D

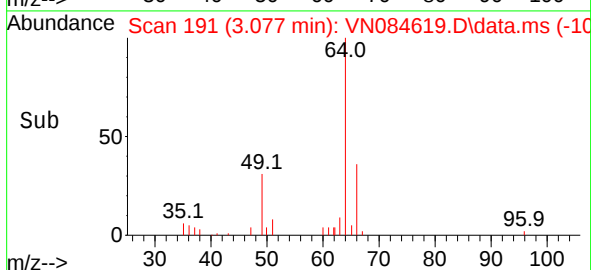
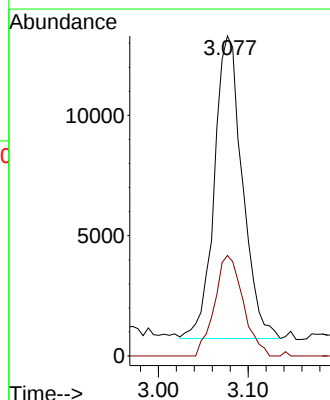
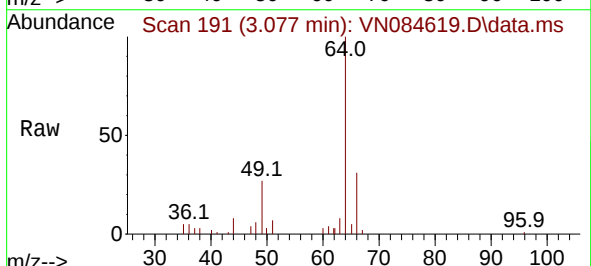
Acq: 31 Oct 2024 14:42

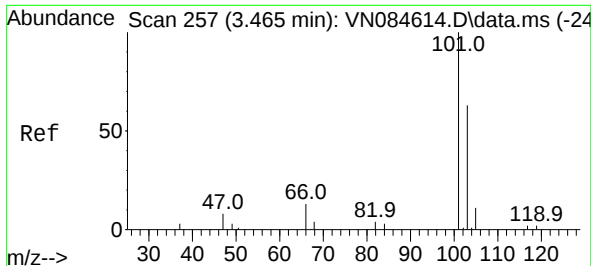
Tgt Ion: 64 Resp: 27349

Ion Ratio Lower Upper

64 100

66 33.2 22.1 33.1#

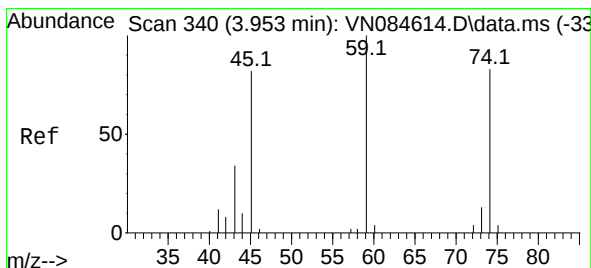
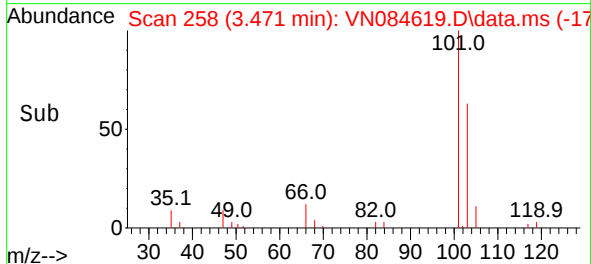
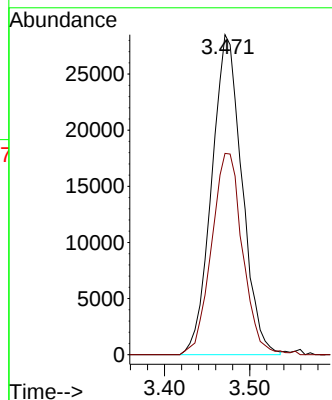
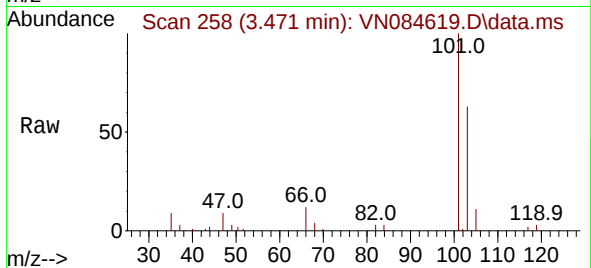




#7
 Trichlorofluoromethane
 Concen: 20.061 ug/l
 RT: 3.471 min Scan# 257
 Delta R.T. 0.006 min
 Lab File: VN084619.D
 Acq: 31 Oct 2024 14:42

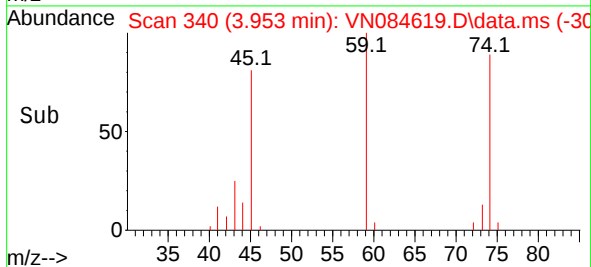
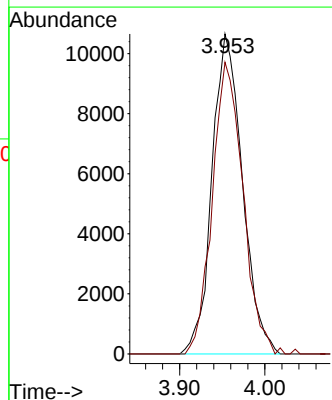
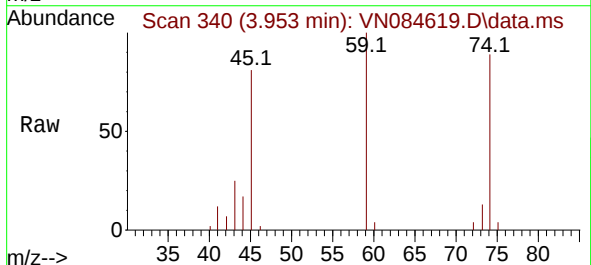
Instrument :
 MSVOA_N
 ClientSampleId :

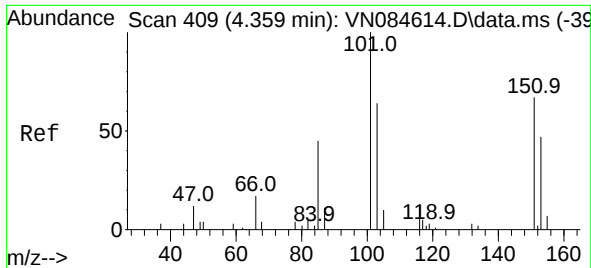
Tgt Ion:101 Resp: 70373
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.1 75.1



#8
 Diethyl Ether
 Concen: 21.107 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN084619.D
 Acq: 31 Oct 2024 14:42

Tgt Ion: 74 Resp: 26411
 Ion Ratio Lower Upper
 74 100
 45 91.6 19.8 178.4

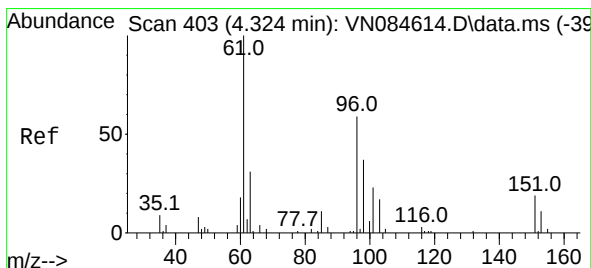
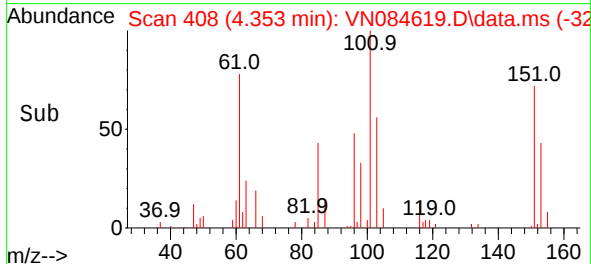
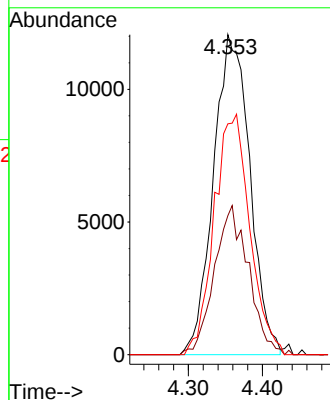
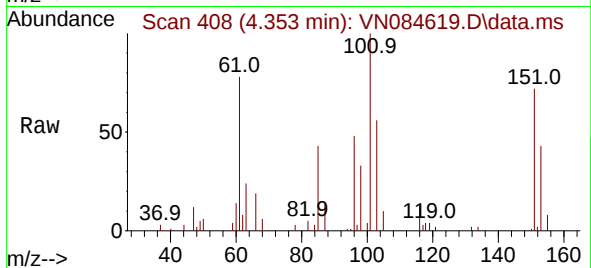




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.762 ug/l
 RT: 4.353 min Scan# 409
 Delta R.T. -0.006 min
 Lab File: VN084619.D
 Acq: 31 Oct 2024 14:42

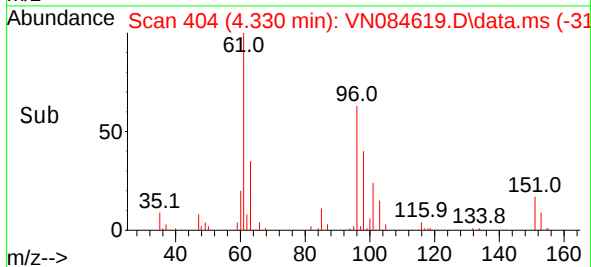
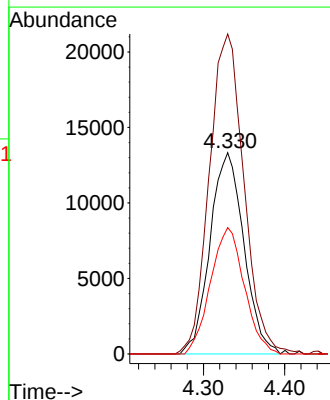
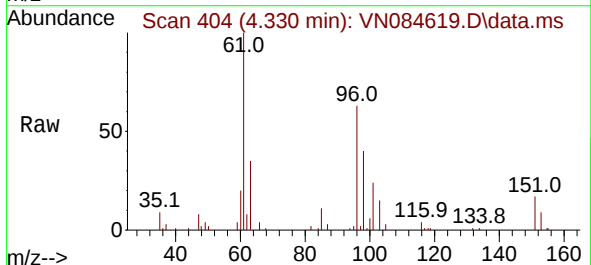
Instrument :
 MSVOA_N
 ClientSampleId :

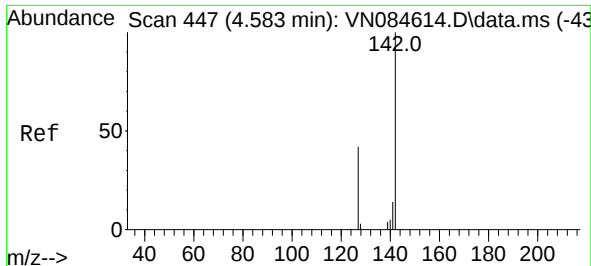
Tgt Ion:101 Resp: 41161
 Ion Ratio Lower Upper
 101 100
 85 43.2 0.0 89.6
 151 73.5 0.0 149.4



#10
 1,1-Dichloroethene
 Concen: 19.934 ug/l
 RT: 4.330 min Scan# 404
 Delta R.T. 0.006 min
 Lab File: VN084619.D
 Acq: 31 Oct 2024 14:42

Tgt Ion: 96 Resp: 38591
 Ion Ratio Lower Upper
 96 100
 61 157.6 135.1 202.7
 98 62.8 50.4 75.6

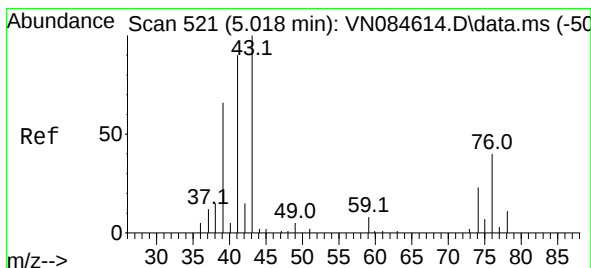
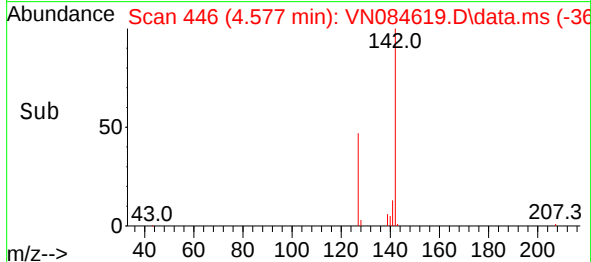
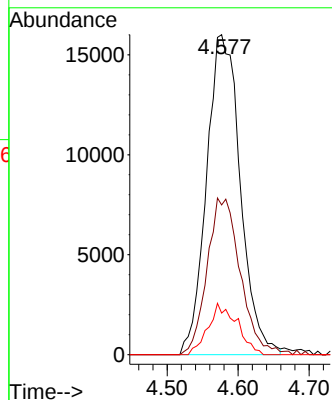
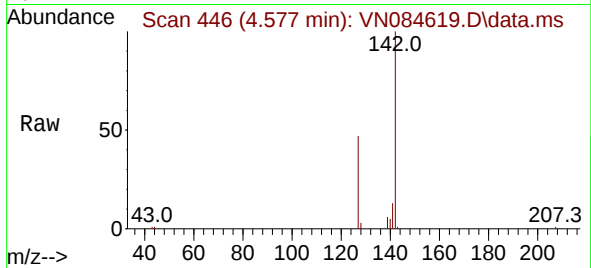




#11
Methyl Iodide
Concen: 19.843 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

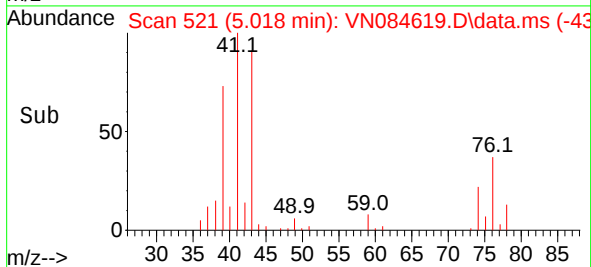
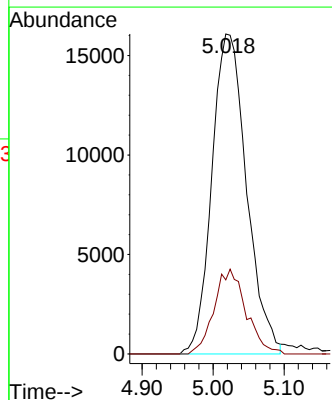
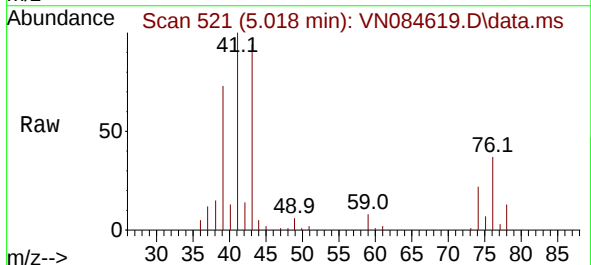
Instrument :
MSVOA_N
ClientSampleId :

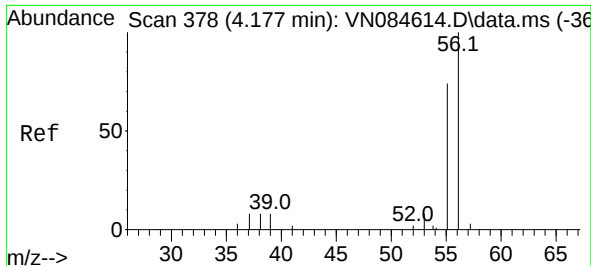
Tgt Ion:142 Resp: 52797
Ion Ratio Lower Upper
142 100
127 46.8 20.3 60.9
141 13.1 6.9 20.7



#12
Methyl Acetate
Concen: 18.084 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 43 Resp: 54572
Ion Ratio Lower Upper
43 100
74 22.9 19.0 28.4





#13

Acrolein

Concen: 97.432 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

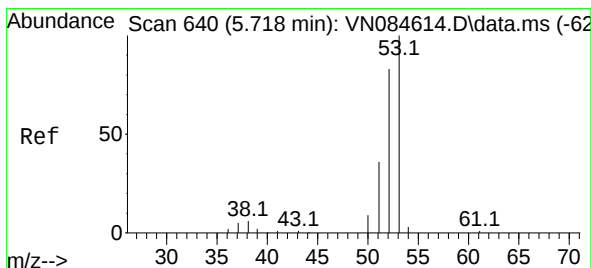
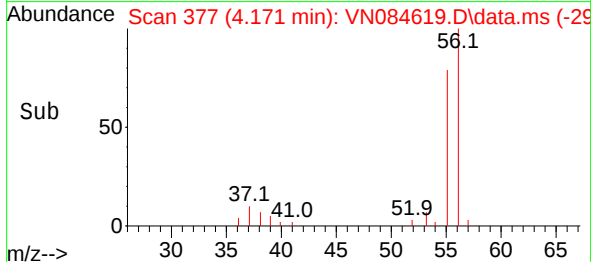
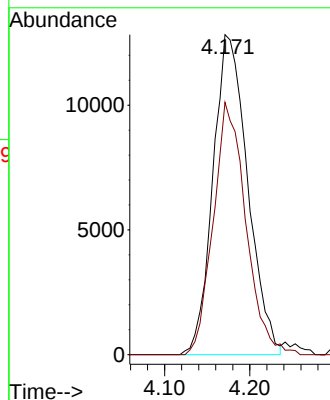
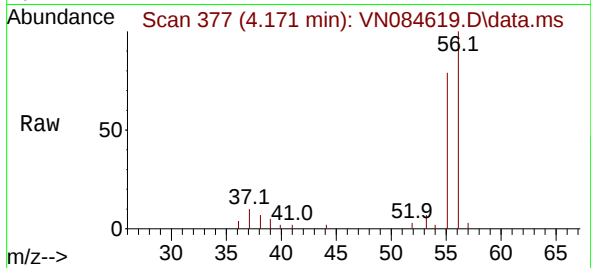
ClientSampleId :

Tgt Ion: 56 Resp: 36257

Ion Ratio Lower Upper

56 100

55 73.6 56.7 85.1



#14

Acrylonitrile

Concen: 100.722 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

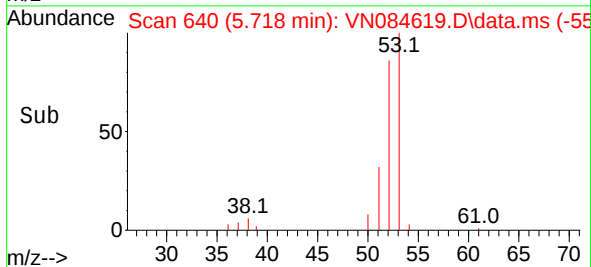
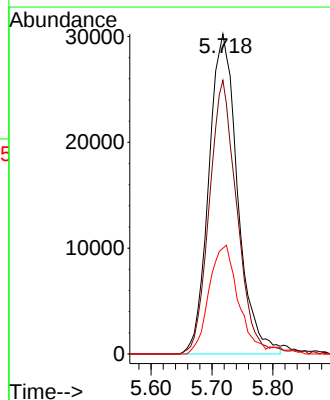
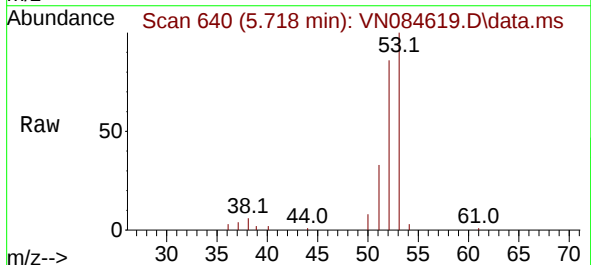
Tgt Ion: 53 Resp: 99433

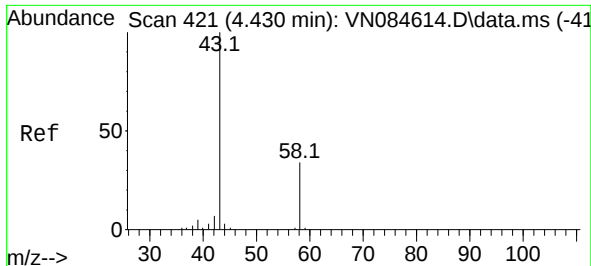
Ion Ratio Lower Upper

53 100

52 81.1 41.6 124.9

51 34.4 18.2 54.6





#15

Acetone

Concen: 102.773 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

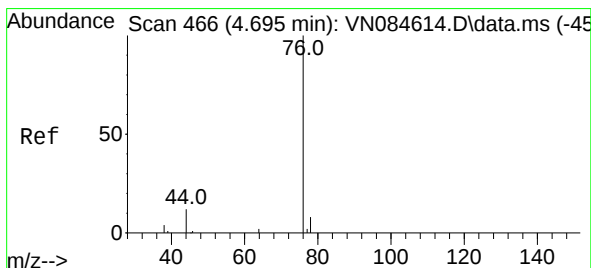
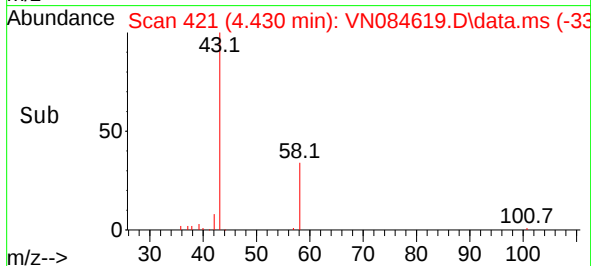
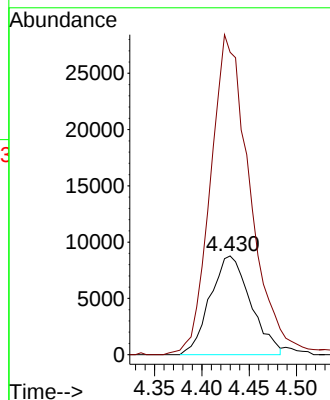
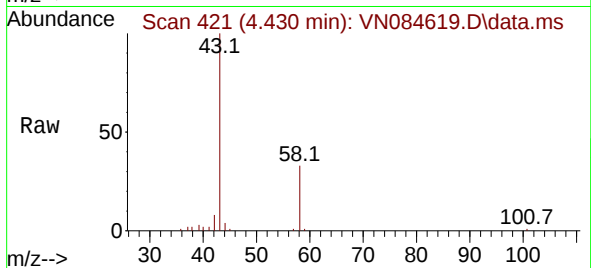
ClientSampleId :

Tgt Ion: 58 Resp: 26069

Ion Ratio Lower Upper

58 100

43 301.8 233.0 349.6



#16

Carbon Disulfide

Concen: 19.828 ug/l

RT: 4.700 min Scan# 467

Delta R.T. 0.006 min

Lab File: VN084619.D

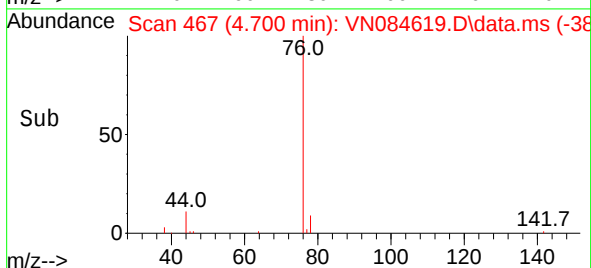
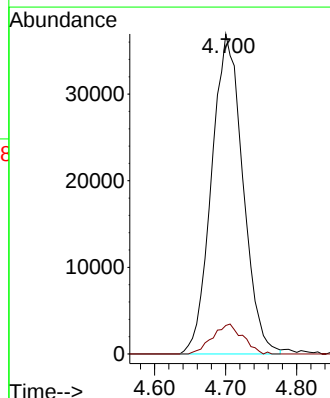
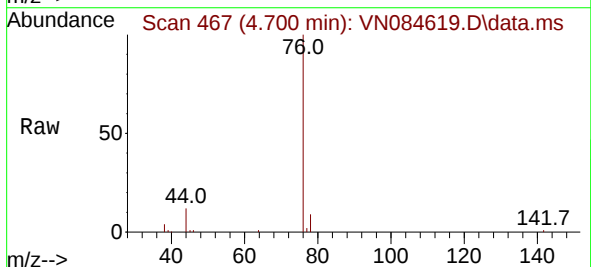
Acq: 31 Oct 2024 14:42

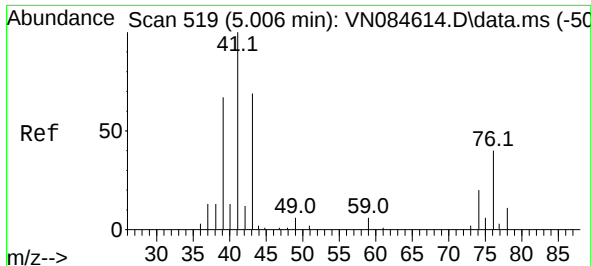
Tgt Ion: 76 Resp: 112949

Ion Ratio Lower Upper

76 100

78 8.9 6.6 9.8

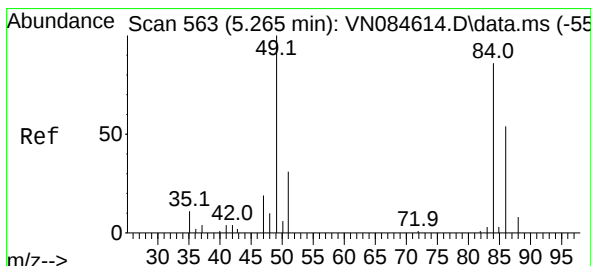
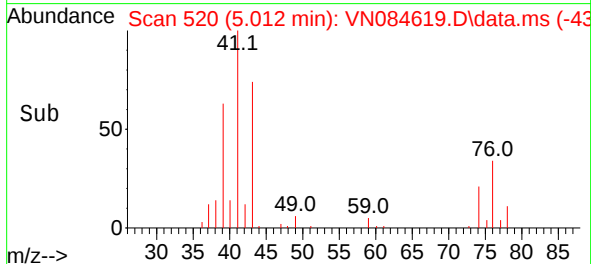
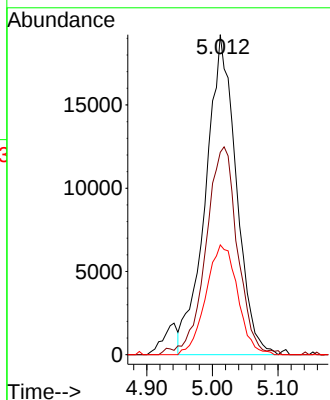
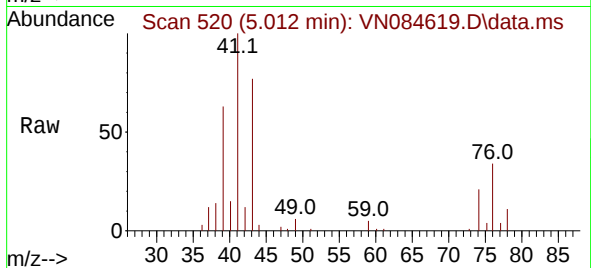




#17
 Allyl chloride
 Concen: 18.913 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN084619.D
 Acq: 31 Oct 2024 14:42

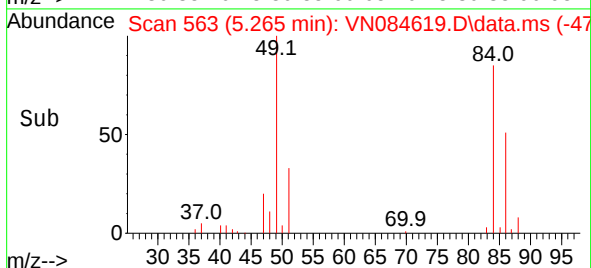
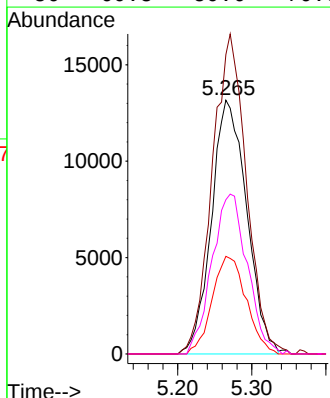
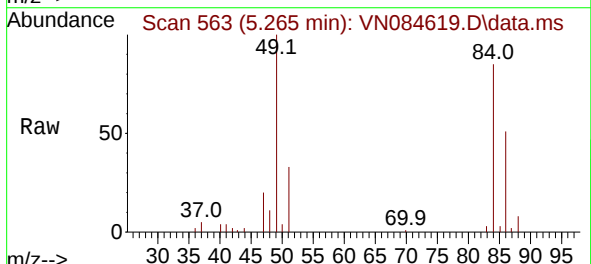
Instrument :
 MSVOA_N
 ClientSampleId :

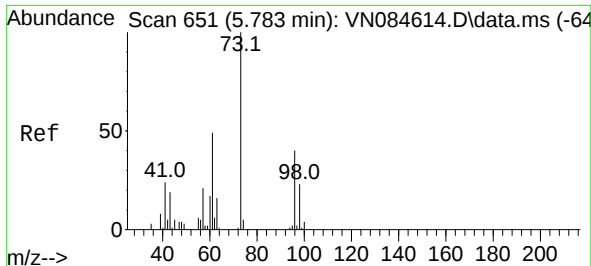
Tgt Ion: 41 Resp: 62388
 Ion Ratio Lower Upper
 41 100
 39 62.0 33.4 100.2
 76 34.3 20.2 60.6



#18
 Methylene Chloride
 Concen: 19.131 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.000 min
 Lab File: VN084619.D
 Acq: 31 Oct 2024 14:42

Tgt Ion: 84 Resp: 43401
 Ion Ratio Lower Upper
 84 100
 49 118.0 93.0 139.6
 51 38.5 28.9 43.3
 86 60.8 50.6 76.0





#19

trans-1,2-Dichloroethene

Concen: 19.342 ug/l

RT: 5.783 min Scan# 651

Delta R.T. -0.000 min

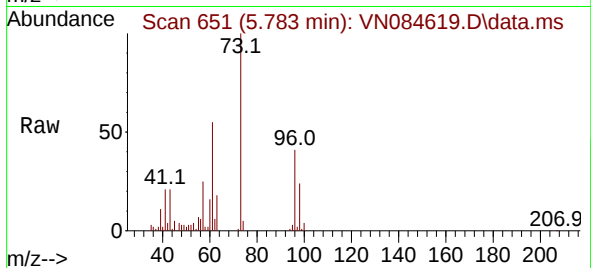
Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :



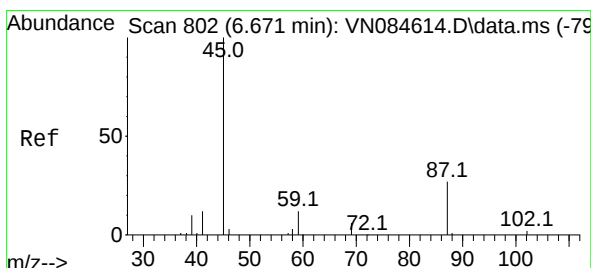
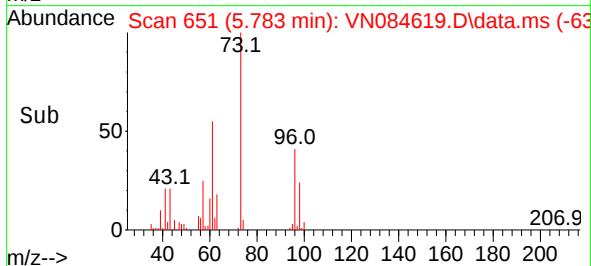
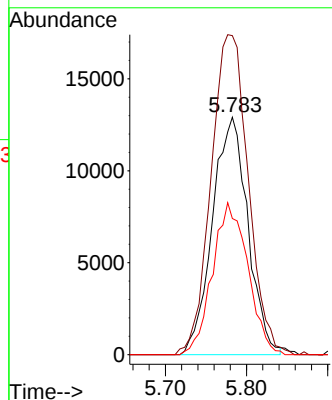
Tgt Ion: 96 Resp: 39248

Ion Ratio Lower Upper

96 100

61 131.9 98.1 147.1

98 57.3 46.6 69.8



#20

Diisopropyl ether

Concen: 19.635 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Tgt Ion: 45 Resp: 129663

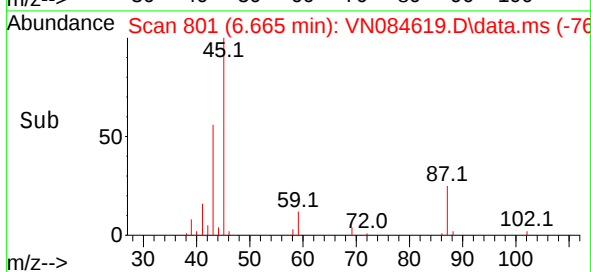
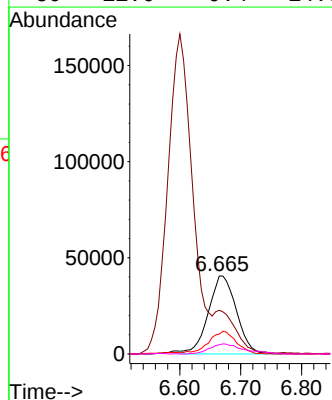
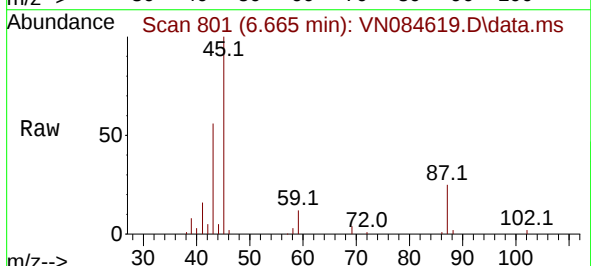
Ion Ratio Lower Upper

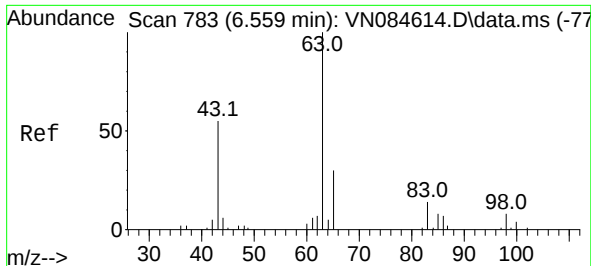
45 100

43 54.5 42.6 64.0

87 25.4 23.0 34.4

59 11.6 9.4 14.0

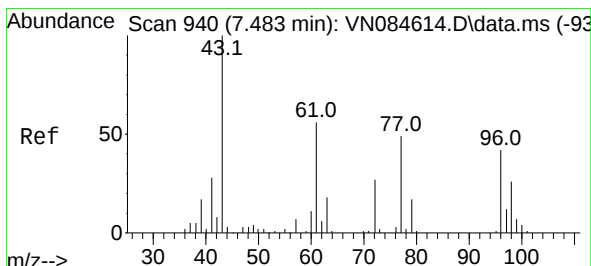
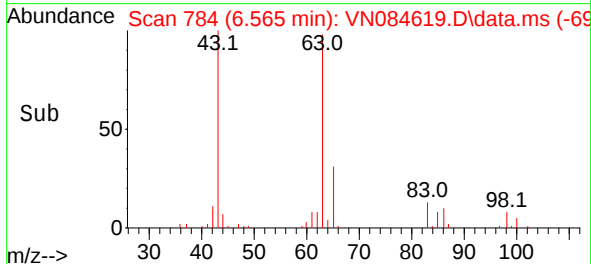
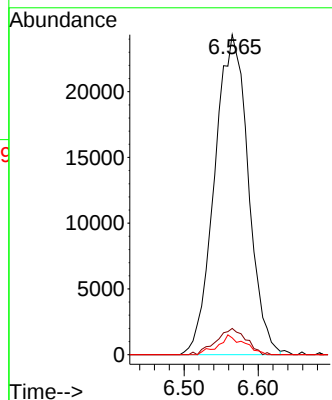
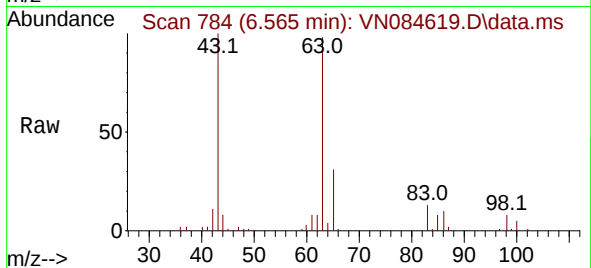




#21
1,1-Dichloroethane
Concen: 19.334 ug/l
RT: 6.565 min Scan# 783
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

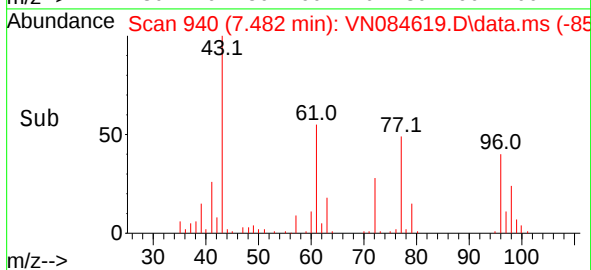
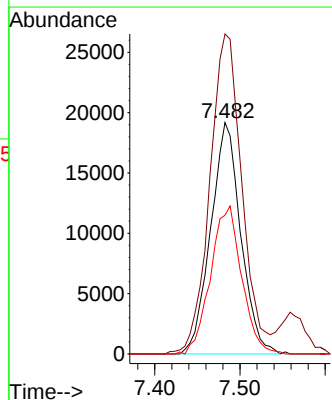
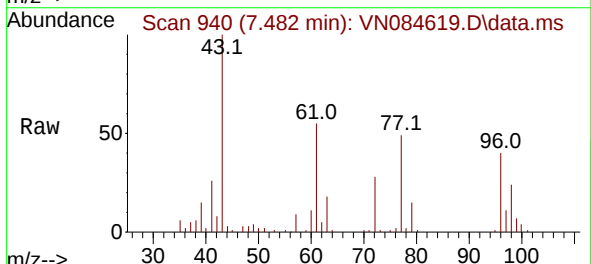
Instrument :
MSVOA_N
ClientSampleId :

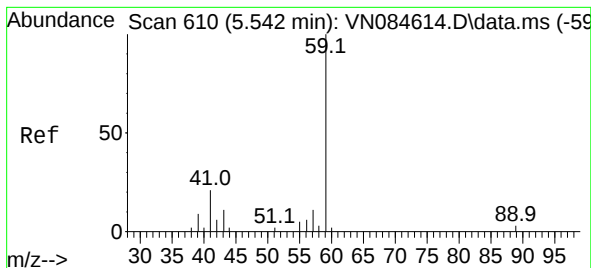
Tgt Ion: 63 Resp: 76784
Ion Ratio Lower Upper
63 100
98 8.2 3.8 11.4
100 5.3 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 19.396 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 96 Resp: 46989
Ion Ratio Lower Upper
96 100
61 147.5 121.8 182.8
98 66.0 53.2 79.8





#23

tert-Butyl Alcohol

Concen: 107.508 ug/l

RT: 5.541 min Scan# 610

Delta R.T. -0.000 min MSVOA_N

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

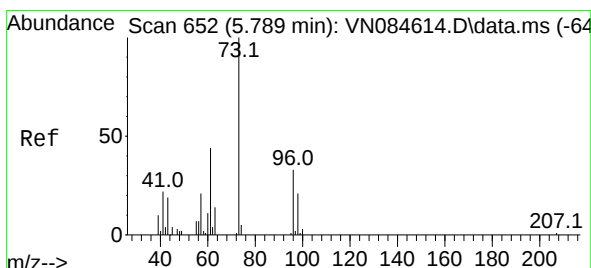
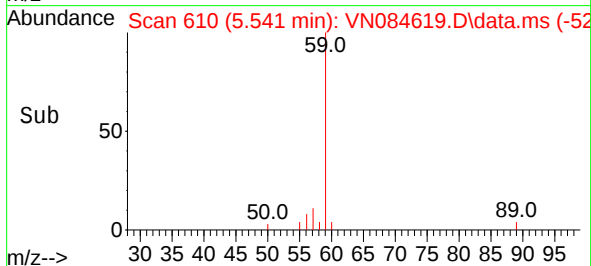
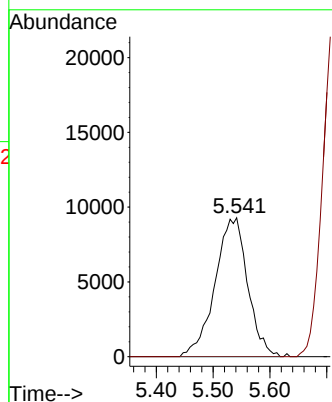
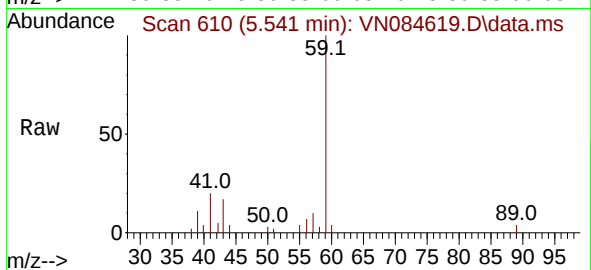
ClientSampleId :

Tgt Ion: 59 Resp: 37052

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 19.562 ug/l

RT: 5.788 min Scan# 652

Delta R.T. -0.000 min

Lab File: VN084619.D

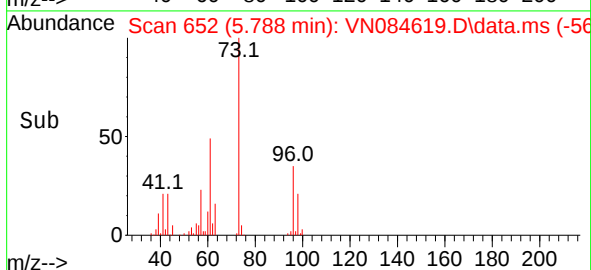
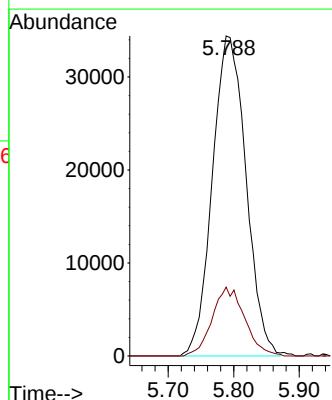
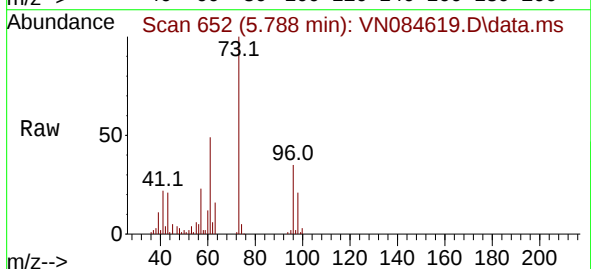
Acq: 31 Oct 2024 14:42

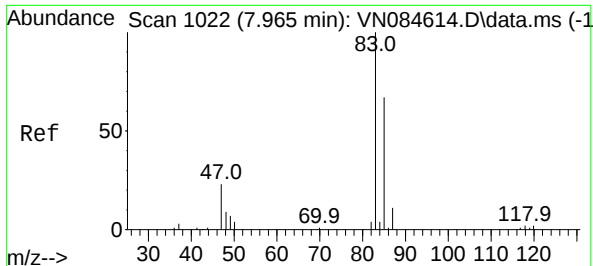
Tgt Ion: 73 Resp: 122468

Ion Ratio Lower Upper

73 100

43 20.8 16.5 24.7





#25

Chloroform

Concen: 19.486 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

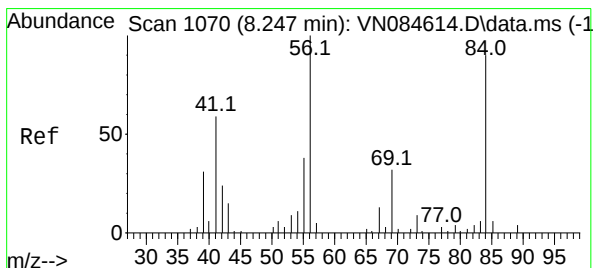
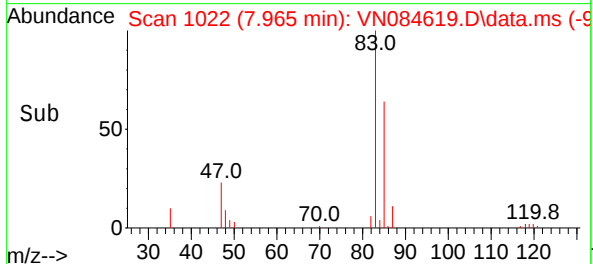
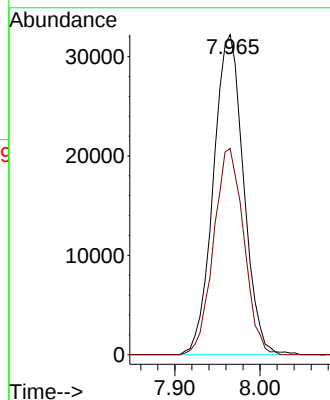
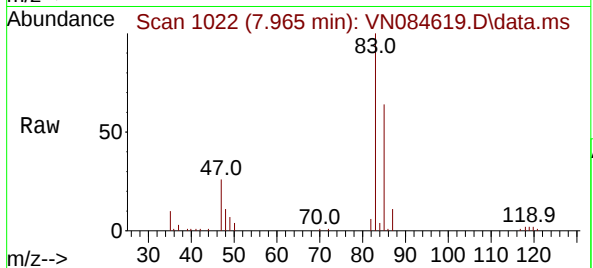
ClientSampleId :

Tgt Ion: 83 Resp: 79286

Ion Ratio Lower Upper

83 100

85 64.4 53.4 80.2



#26

Cyclohexane

Concen: 20.480 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

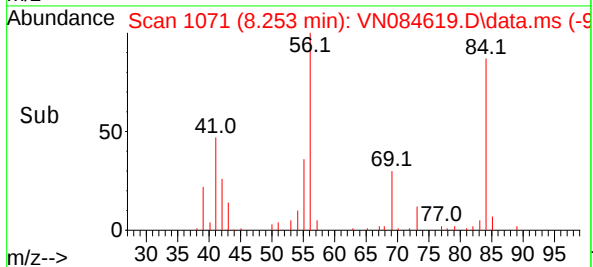
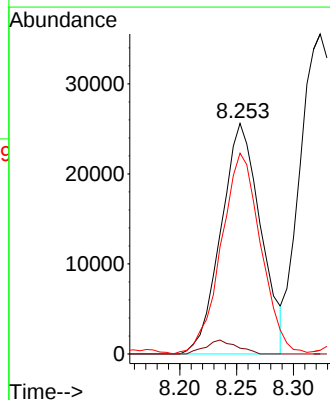
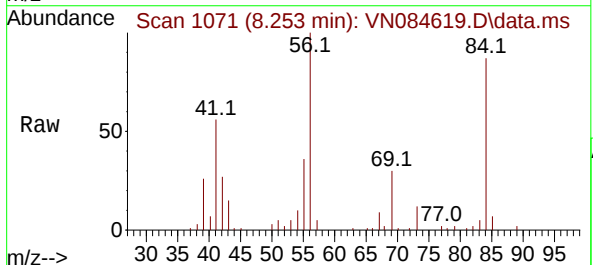
Tgt Ion: 56 Resp: 62127

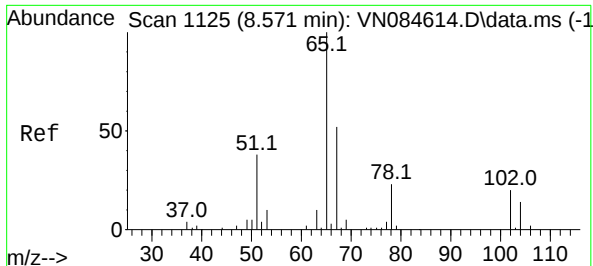
Ion Ratio Lower Upper

56 100

89 4.7 3.0 4.4#

84 87.0 70.6 106.0

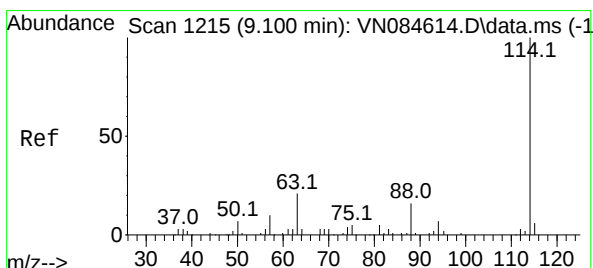
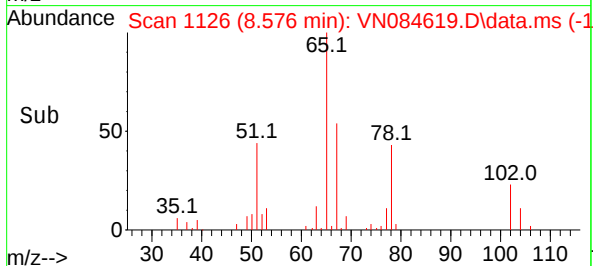
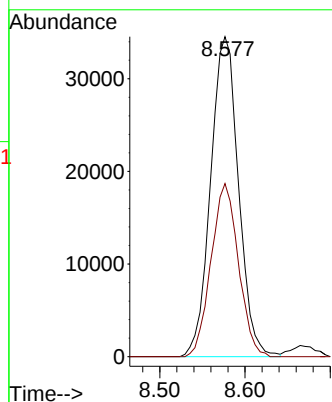
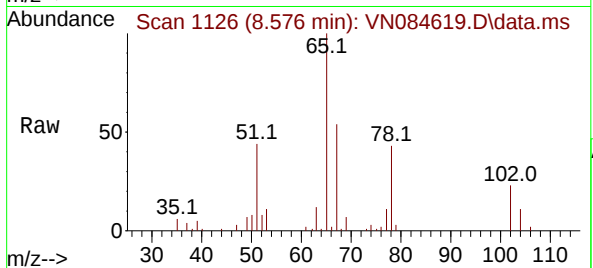




#27
1,2-Dichloroethane-d4
Concen: 29.401 ug/l
RT: 8.576 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

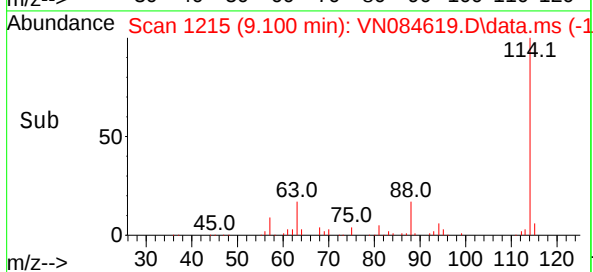
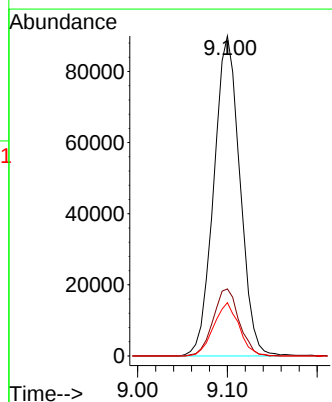
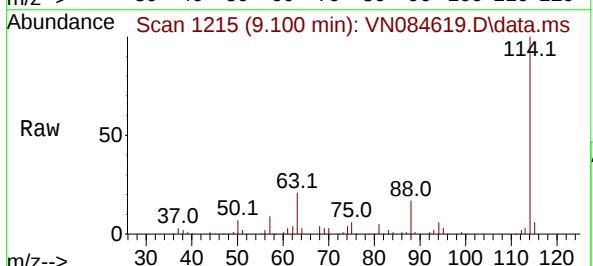
Instrument :
MSVOA_N
ClientSampleId :

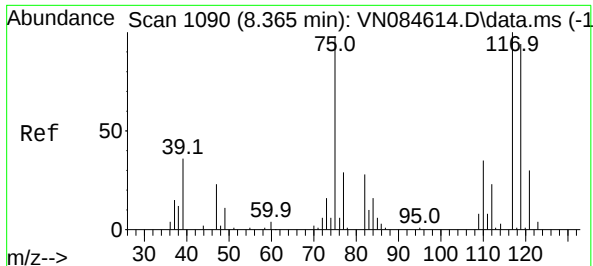
Tgt Ion: 65 Resp: 78518
Ion Ratio Lower Upper
65 100
67 53.0 40.7 61.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion:114 Resp: 181690
Ion Ratio Lower Upper
114 100
63 20.8 16.8 25.2
88 16.2 12.9 19.3

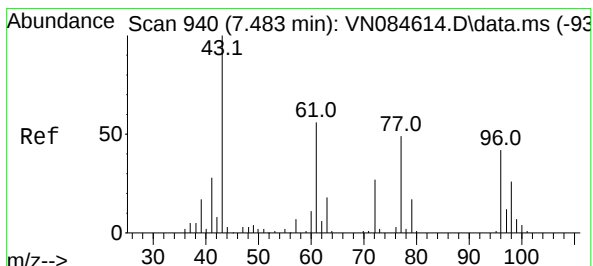
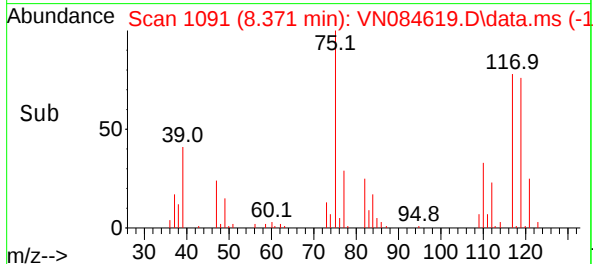
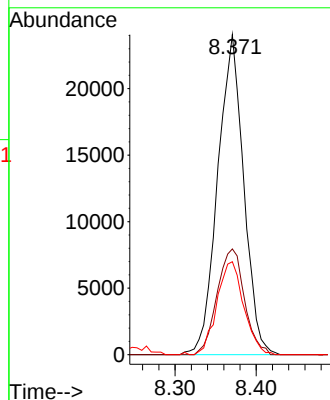
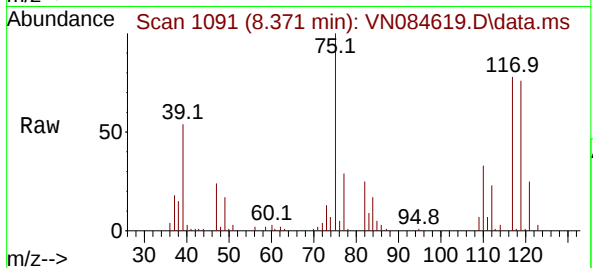




#29
1,1-Dichloropropene
Concen: 19.541 ug/l
RT: 8.371 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

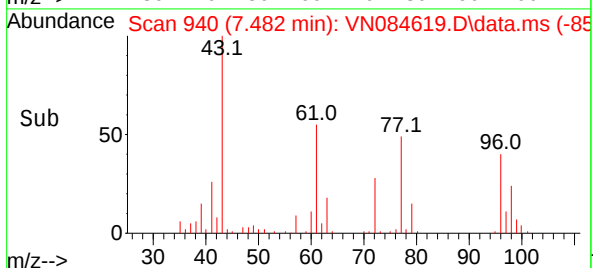
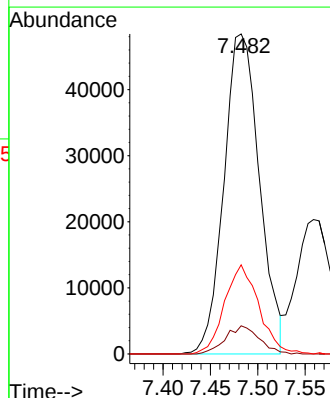
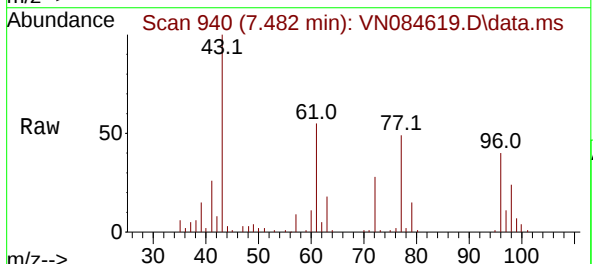
Instrument :
MSVOA_N
ClientSampleId :

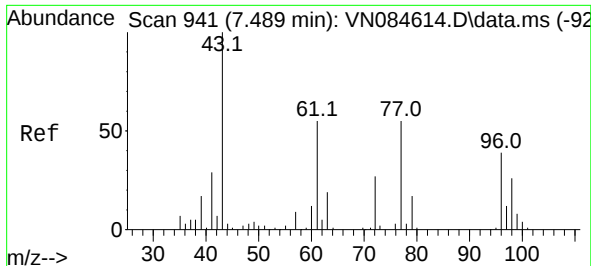
Tgt Ion: 75 Resp: 53477
Ion Ratio Lower Upper
75 100
110 34.8 0.0 69.4
77 29.9 0.0 62.0



#30
2-Butanone
Concen: 100.199 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 43 Resp: 126487
Ion Ratio Lower Upper
43 100
57 8.3 6.2 9.4
72 26.9 21.5 32.3





#31

2,2-Dichloropropane

Concen: 19.943 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

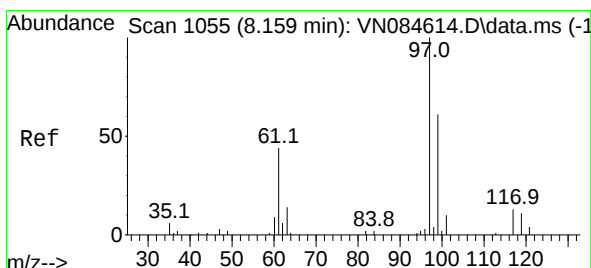
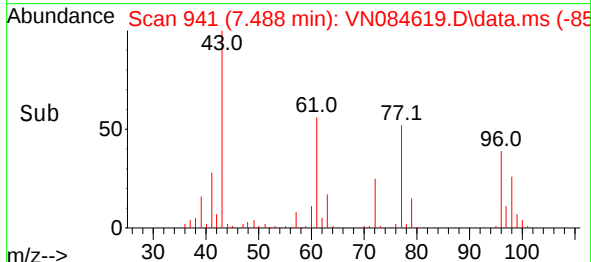
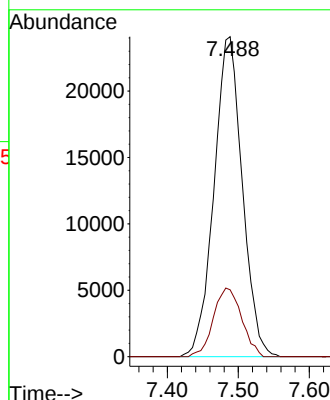
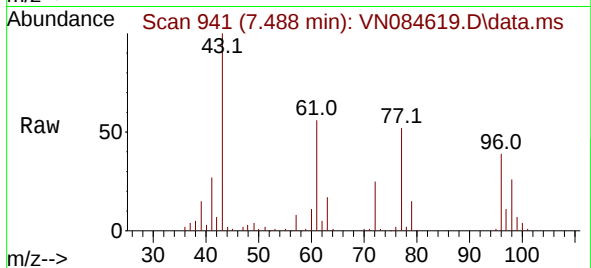
ClientSampleId :

Tgt Ion: 77 Resp: 66622

Ion Ratio Lower Upper

77 100

97 21.4 17.4 26.2



#32

1,1,1-Trichloroethane

Concen: 19.308 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

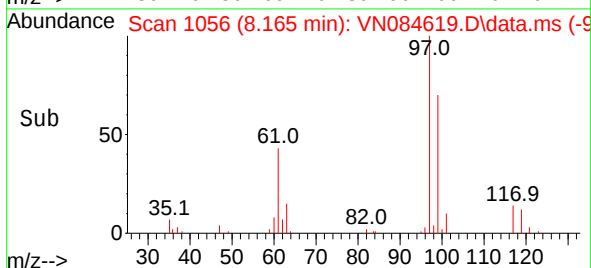
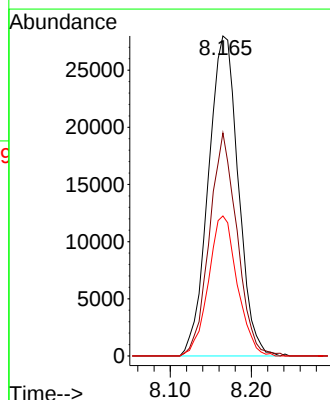
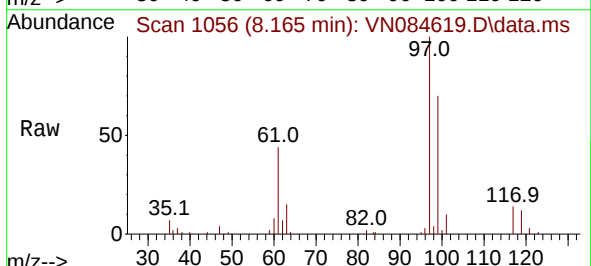
Tgt Ion: 97 Resp: 71786

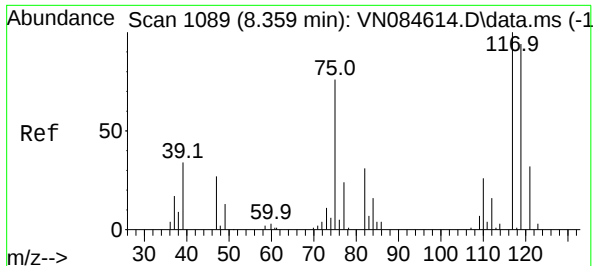
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 42.2 34.2 51.4





#33

Carbon Tetrachloride

Concen: 19.622 ug/l

RT: 8.365 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

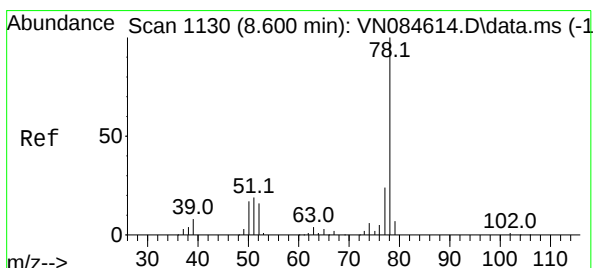
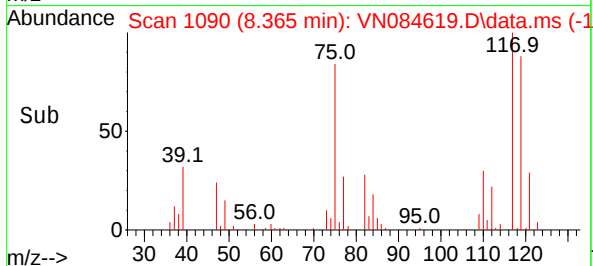
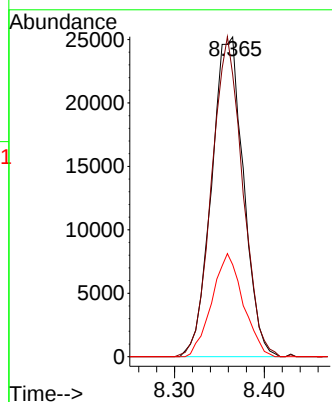
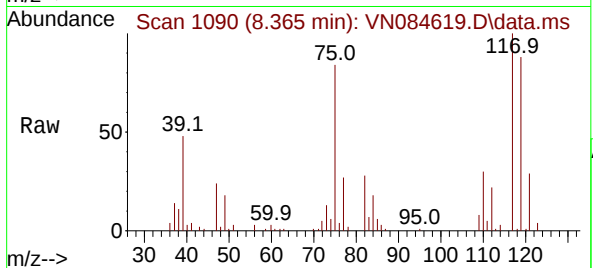
Tgt Ion:117 Resp: 62252

Ion Ratio Lower Upper

117 100

119 88.2 75.7 113.5

121 28.8 25.4 38.0



#34

Benzene

Concen: 19.200 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

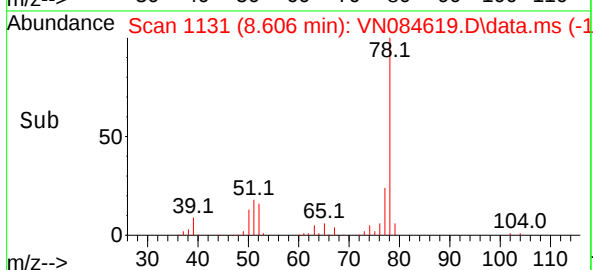
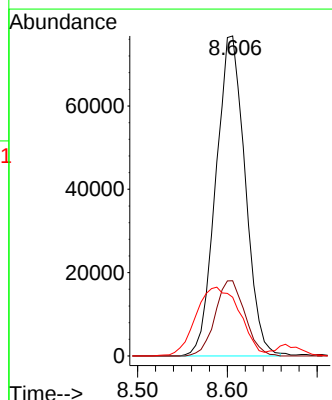
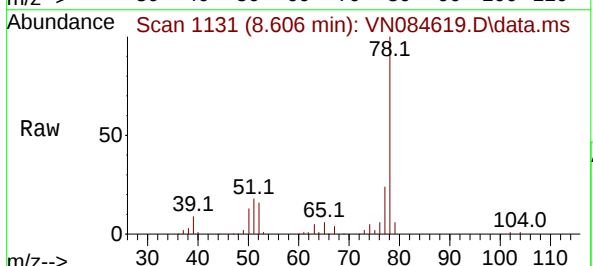
Tgt Ion: 78 Resp: 173675

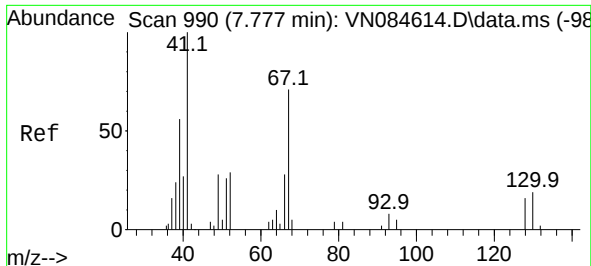
Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9

51 15.8 16.1 24.1#





#35

Methacrylonitrile

Concen: 19.983 ug/l

RT: 7.777 min Scan# 990

Delta R.T. -0.000 min MSVOA_N

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 41 Resp: 29897

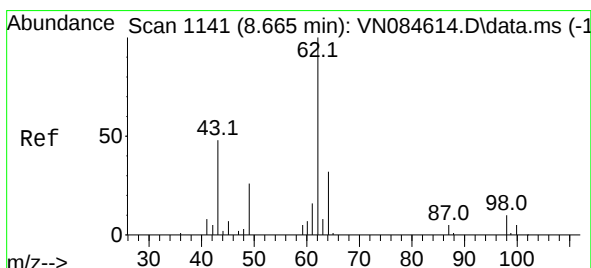
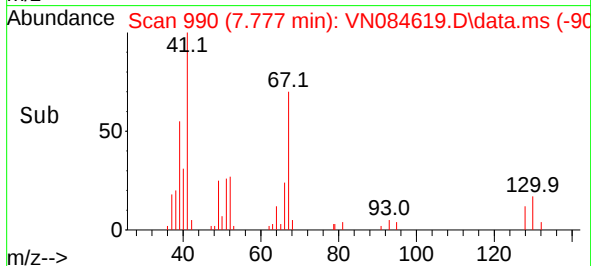
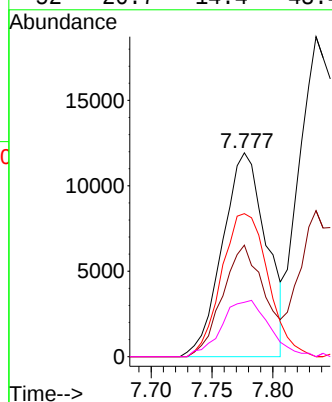
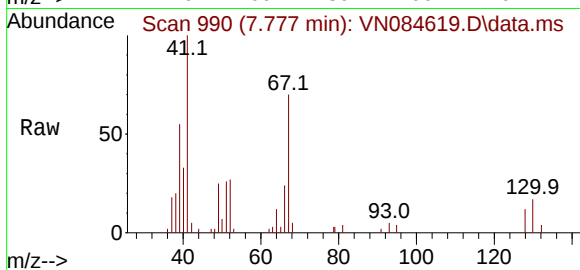
Ion Ratio Lower Upper

41 100

39 54.7 28.2 84.6

67 70.2 35.6 106.8

52 26.7 14.4 43.4



#36

1,2-Dichloroethane

Concen: 19.078 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. 0.006 min

Lab File: VN084619.D

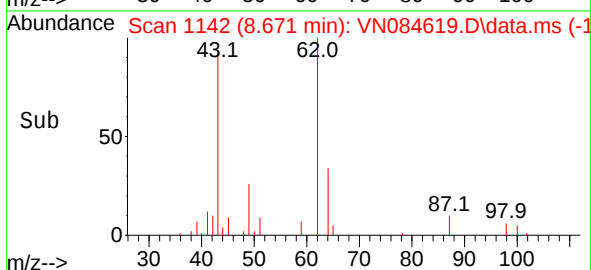
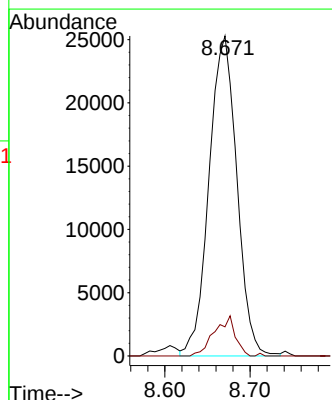
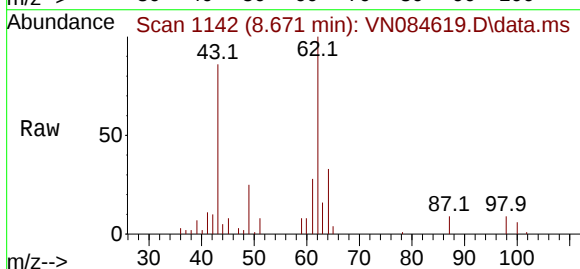
Acq: 31 Oct 2024 14:42

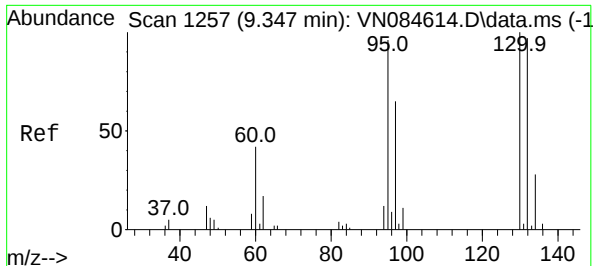
Tgt Ion: 62 Resp: 57389

Ion Ratio Lower Upper

62 100

98 9.5 7.8 11.6





#37

Trichloroethene

Concen: 19.915 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

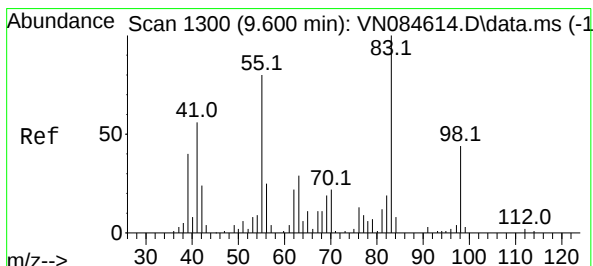
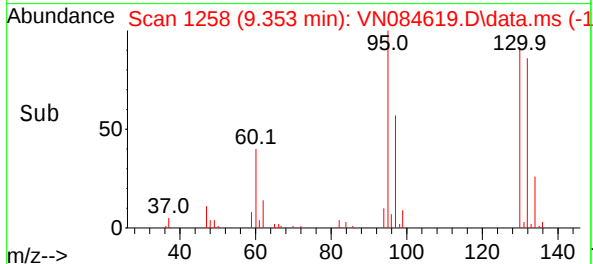
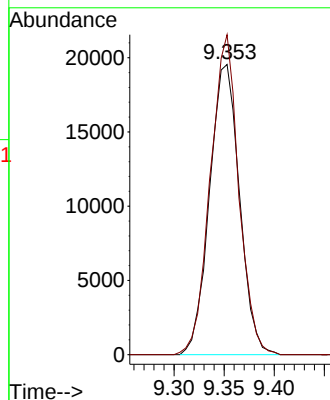
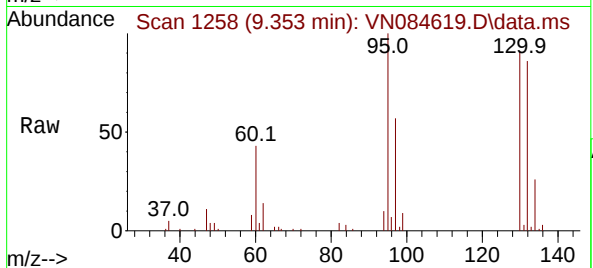
ClientSampleId :

Tgt Ion:130 Resp: 40639

Ion Ratio Lower Upper

130 100

95 110.2 76.6 115.0



#38

Methylcyclohexane

Concen: 19.559 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

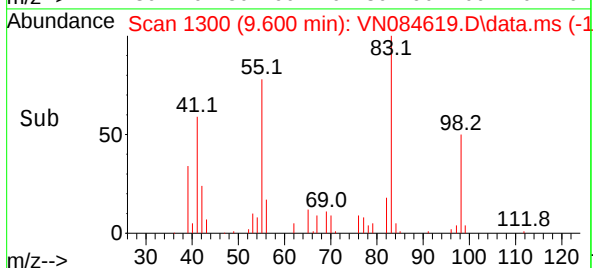
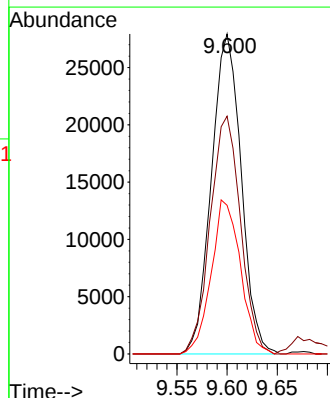
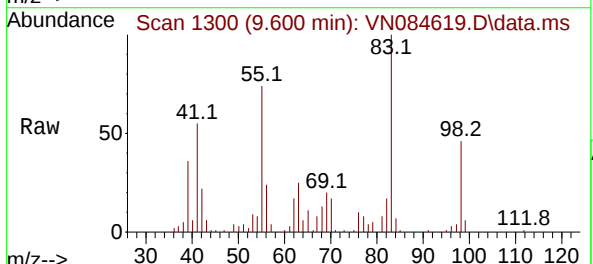
Tgt Ion: 83 Resp: 57621

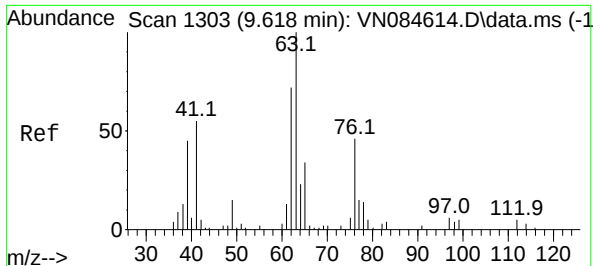
Ion Ratio Lower Upper

83 100

55 75.7 39.6 118.8

98 47.4 23.2 69.5

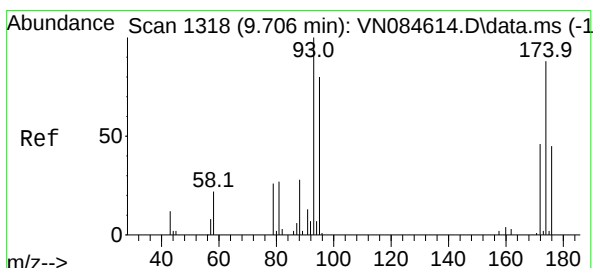
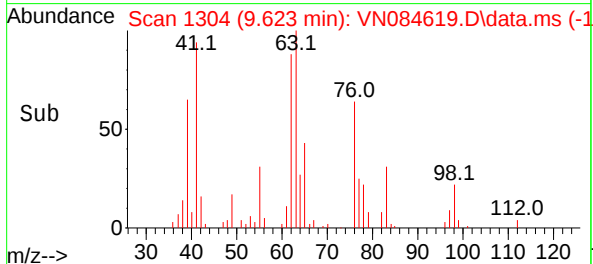
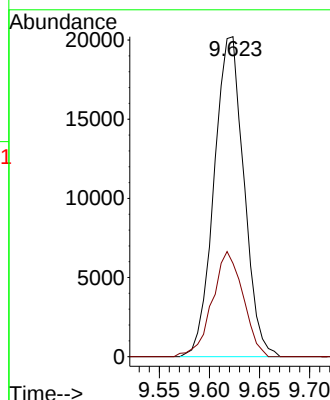
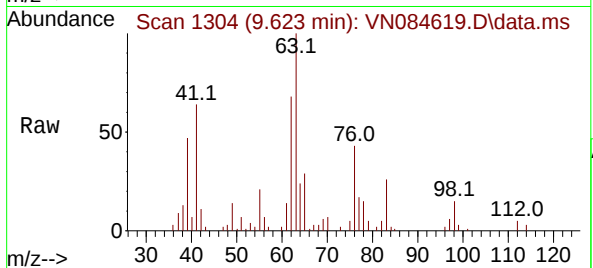




#39
1,2-Dichloropropane
Concen: 19.222 ug/l
RT: 9.623 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

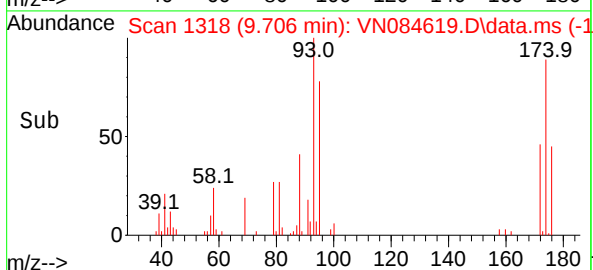
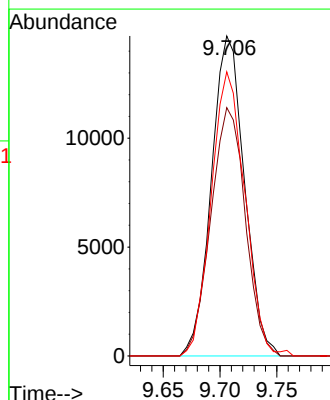
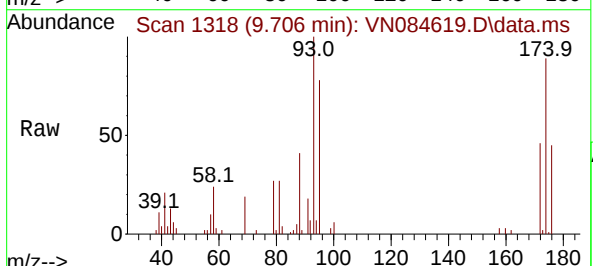
Instrument :
MSVOA_N
ClientSampleId :

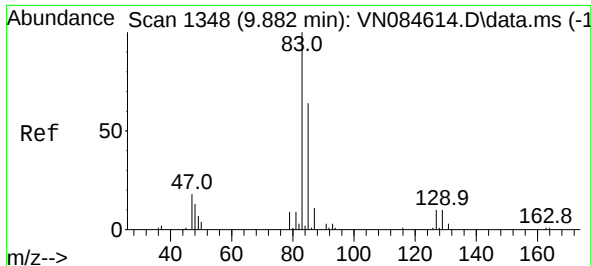
Tgt Ion: 63 Resp: 41855
Ion Ratio Lower Upper
63 100
65 29.2 27.8 41.8



#40
Dibromomethane
Concen: 19.539 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 93 Resp: 29763
Ion Ratio Lower Upper
93 100
95 80.8 0.0 168.4
174 90.2 0.0 183.4

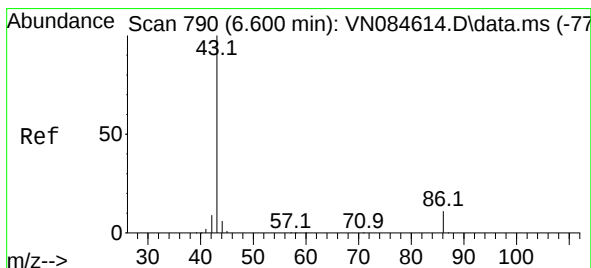
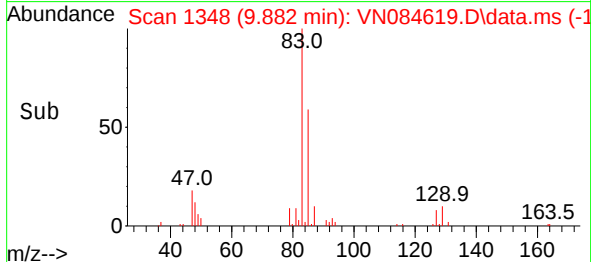
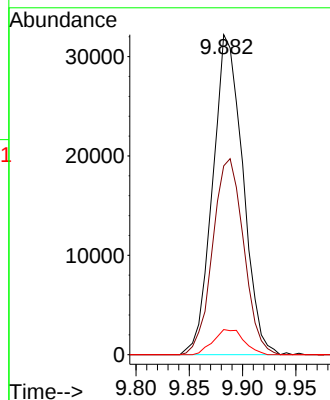
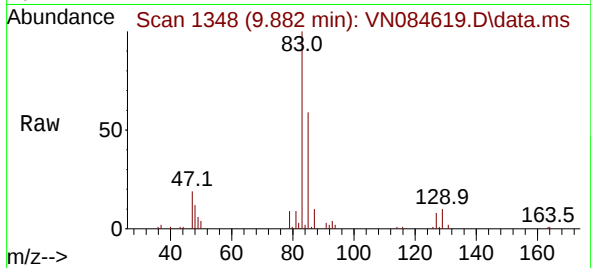




#41
Bromodichloromethane
Concen: 19.395 ug/l
RT: 9.882 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

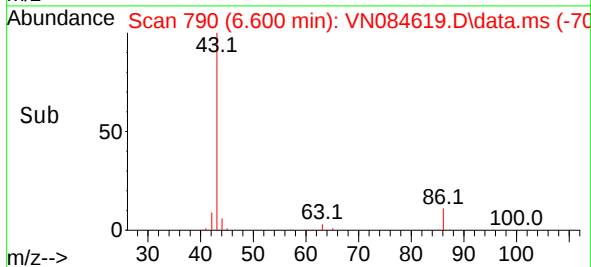
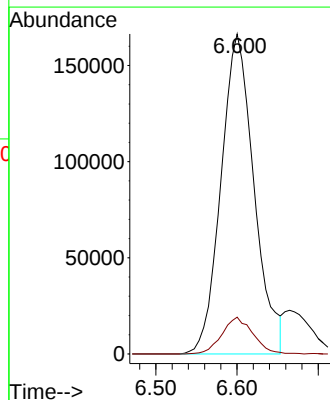
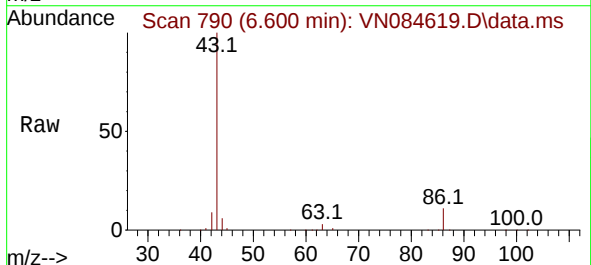
Instrument :
MSVOA_N
ClientSampleId :

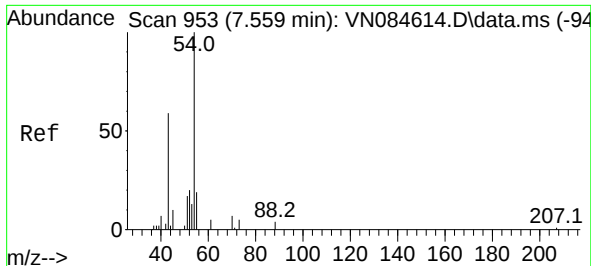
Tgt Ion: 83 Resp: 63336
Ion Ratio Lower Upper
83 100
85 59.0 51.0 76.6
127 7.8 7.8 11.6



#42
Vinyl Acetate
Concen: 99.926 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 43 Resp: 471501
Ion Ratio Lower Upper
43 100
86 10.7 8.6 13.0





#43

Ethyl Acetate

Concen: 19.830 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

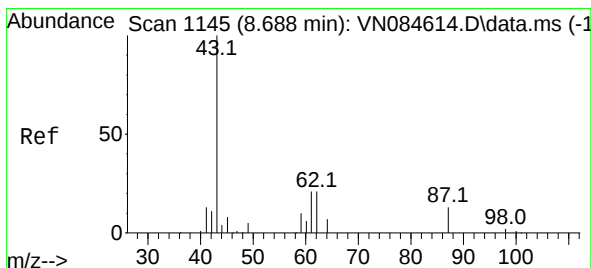
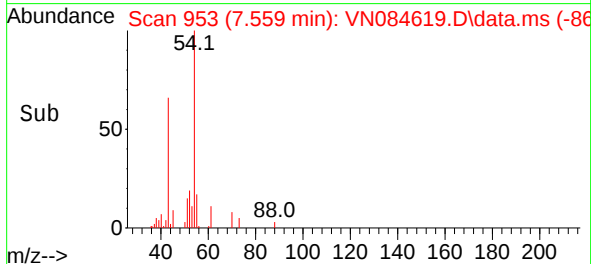
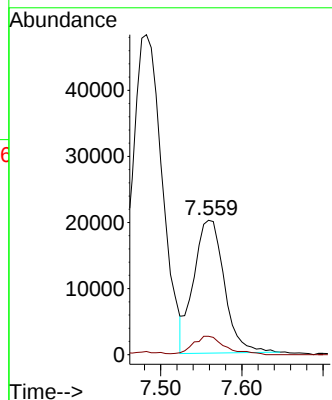
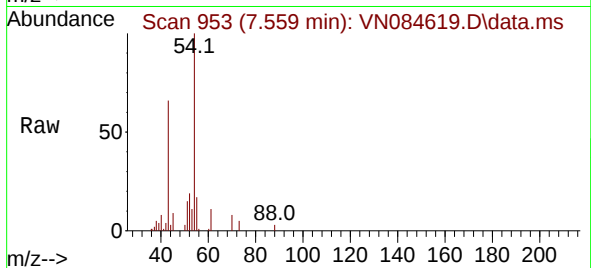
ClientSampleId :

Tgt Ion: 43 Resp: 52600

Ion Ratio Lower Upper

43 100

45 12.0 11.0 16.4



#44

Isopropyl Acetate

Concen: 18.295 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN084619.D

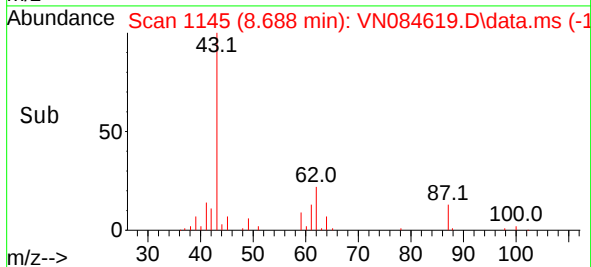
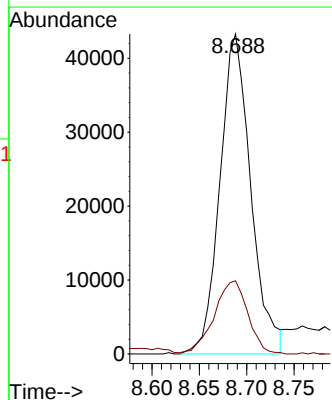
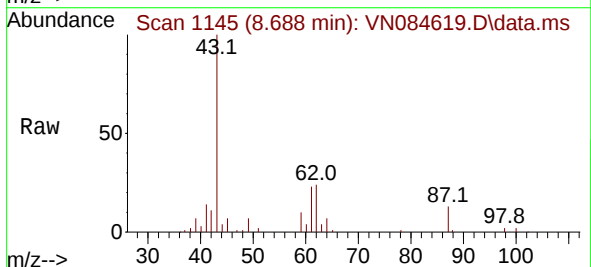
Acq: 31 Oct 2024 14:42

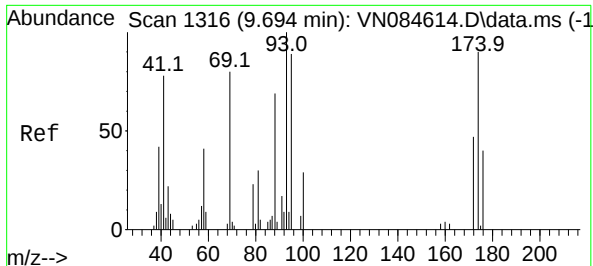
Tgt Ion: 43 Resp: 98265

Ion Ratio Lower Upper

43 100

61 24.9 19.8 29.8





#45

1,4-Dioxane

Concen: 409.524 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

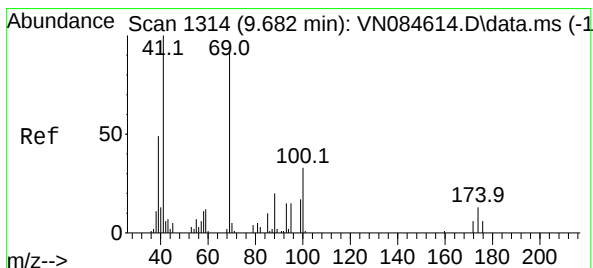
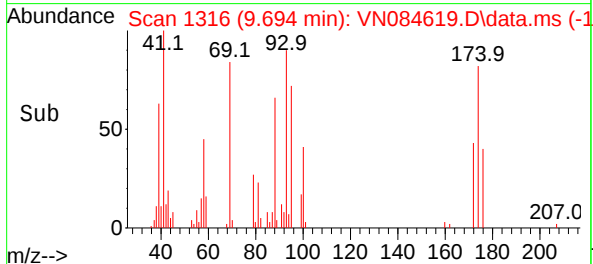
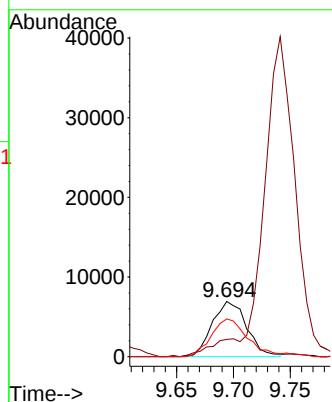
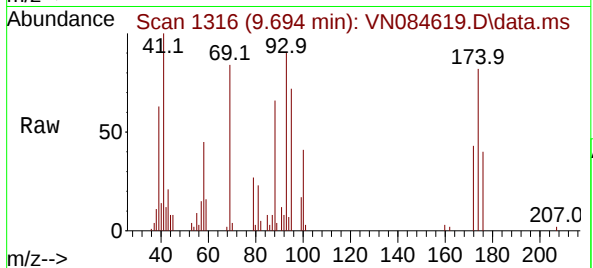
Tgt Ion: 88 Resp: 14685

Ion Ratio Lower Upper

88 100

43 29.2 20.8 31.2

58 71.3 53.4 80.2



#46

Methyl methacrylate

Concen: 19.620 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

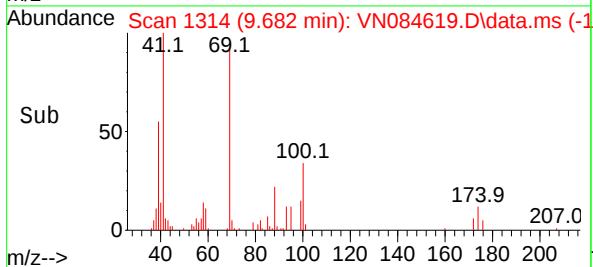
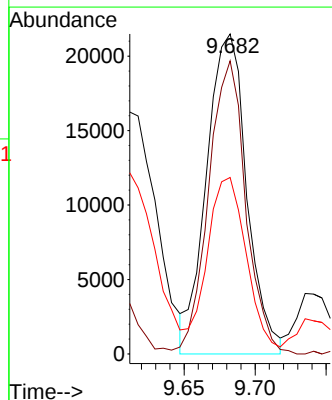
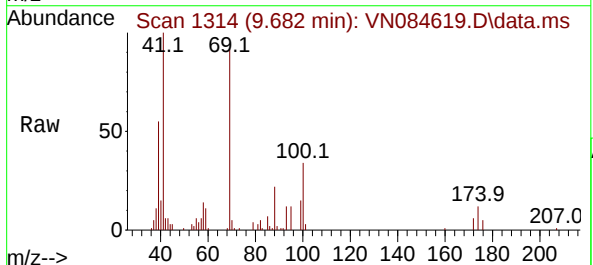
Tgt Ion: 41 Resp: 42350

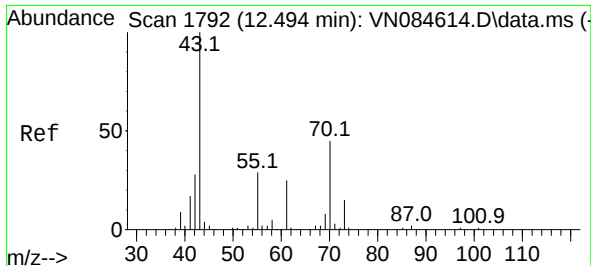
Ion Ratio Lower Upper

41 100

69 94.9 43.4 130.2

39 55.7 24.7 74.1





#47

n-amyl acetate

Concen: 19.811 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

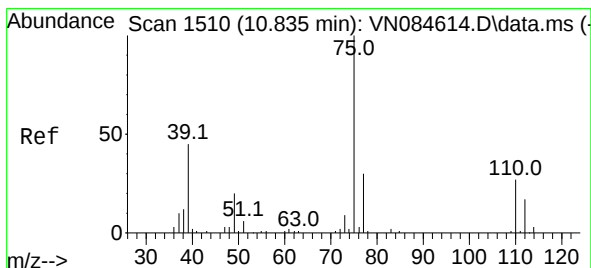
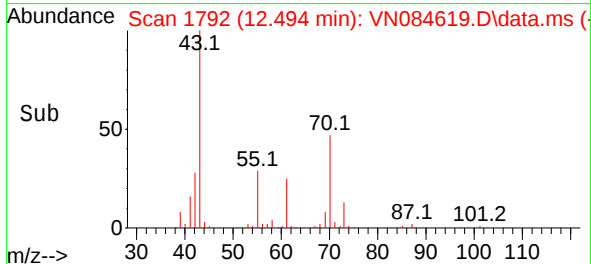
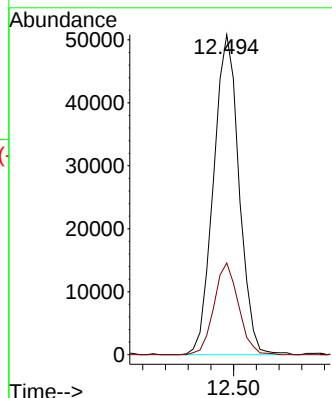
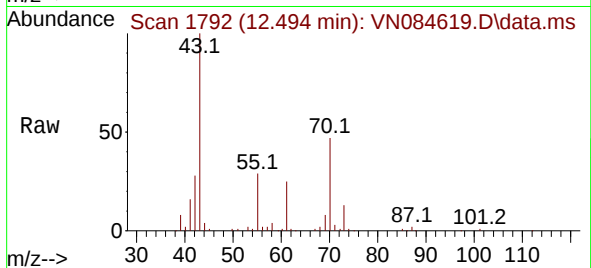
ClientSampleId :

Tgt Ion: 43 Resp: 79469

Ion Ratio Lower Upper

43 100

55 27.3 22.0 33.0



#48

t-1,3-Dichloropropene

Concen: 19.551 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN084619.D

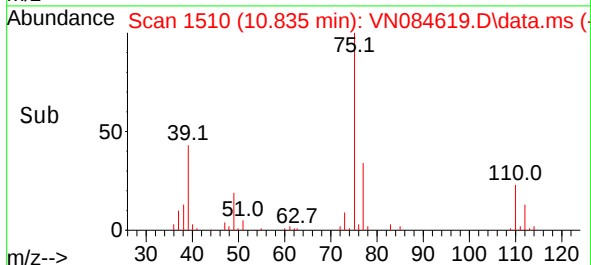
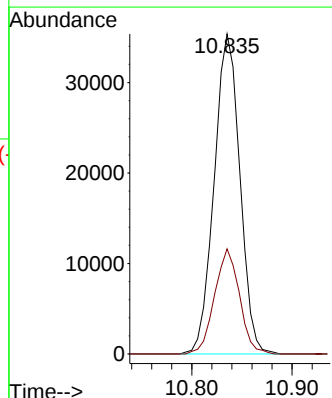
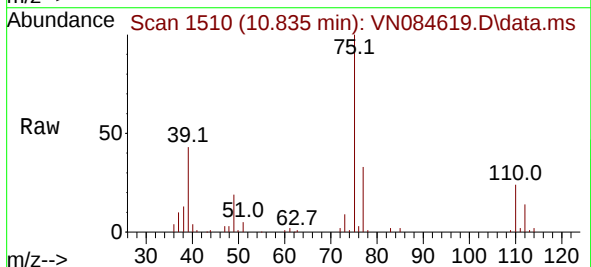
Acq: 31 Oct 2024 14:42

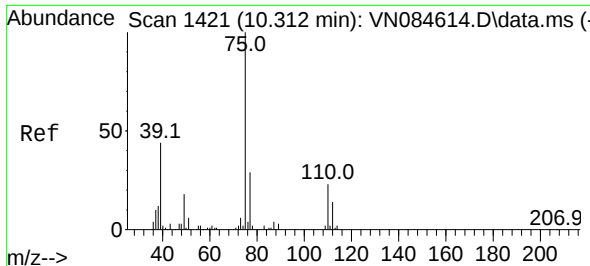
Tgt Ion: 75 Resp: 63042

Ion Ratio Lower Upper

75 100

77 32.9 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 19.529 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

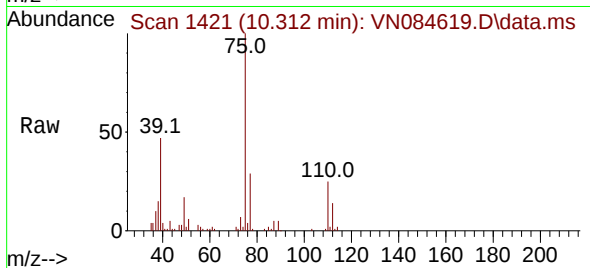
Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :



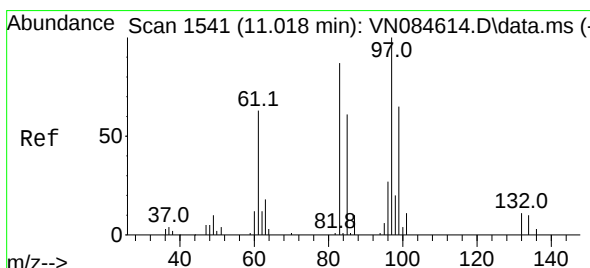
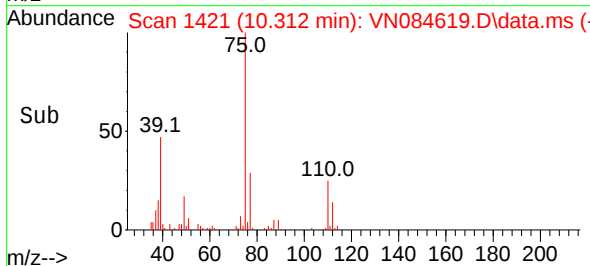
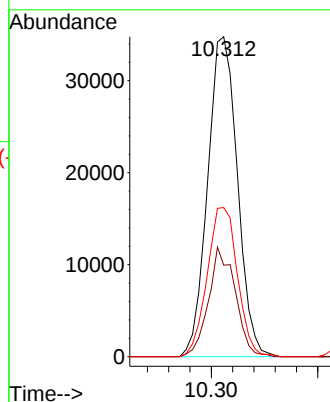
Tgt Ion: 75 Resp: 67490

Ion Ratio Lower Upper

75 100

77 28.6 23.4 35.2

39 46.6 35.4 53.2



#50

1,1,2-Trichloroethane

Concen: 19.786 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.006 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Tgt Ion: 97 Resp: 40428

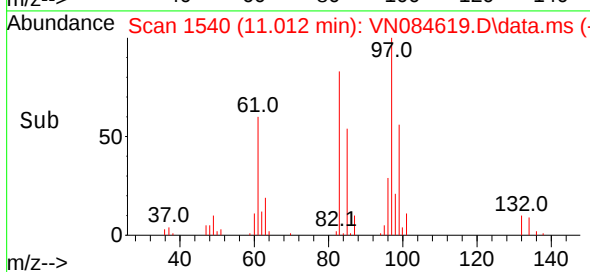
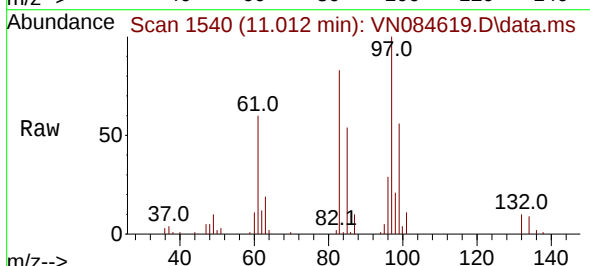
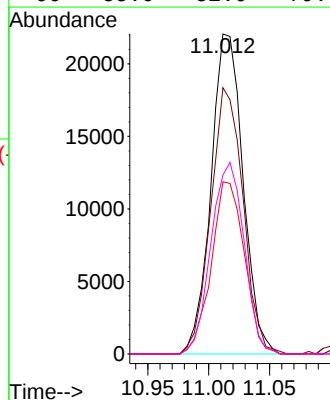
Ion Ratio Lower Upper

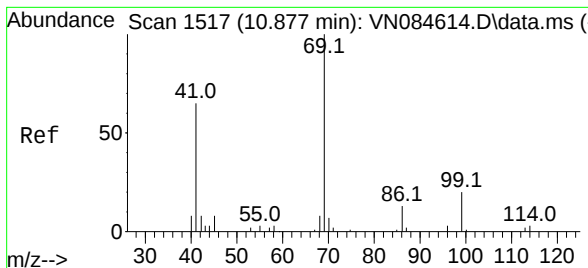
97 100

83 83.2 69.8 104.8

85 53.8 48.6 73.0

99 55.9 52.9 79.3





#51

Ethyl methacrylate

Concen: 19.481 ug/l

RT: 10.870 min Scan# 1517

Delta R.T. -0.006 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

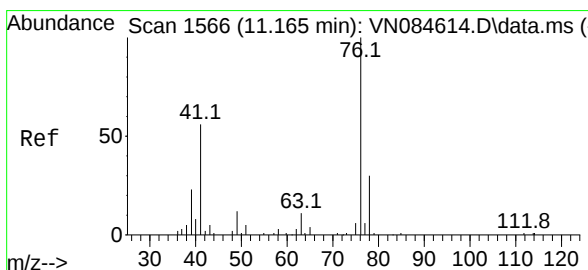
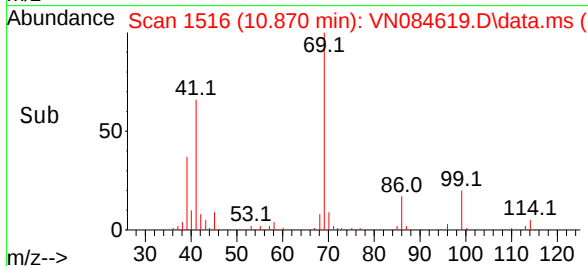
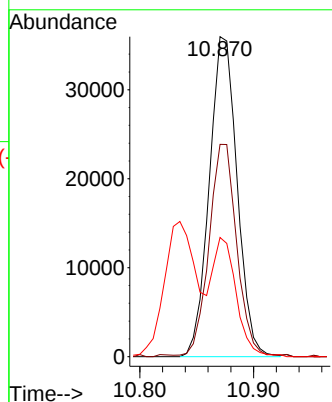
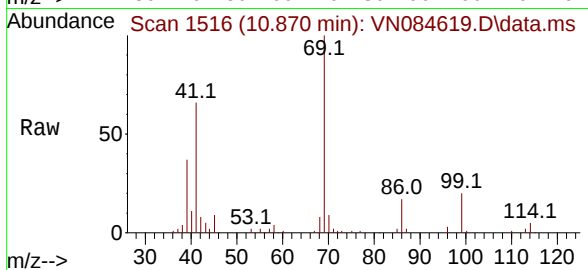
Tgt Ion: 69 Resp: 61356

Ion Ratio Lower Upper

69 100

41 65.9 32.8 98.3

39 36.6 15.4 46.1



#52

1,3-Dichloropropane

Concen: 19.341 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN084619.D

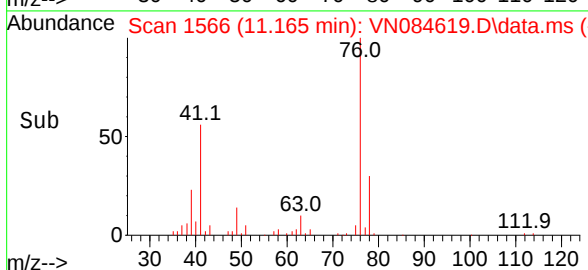
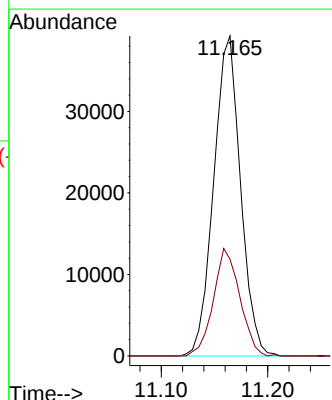
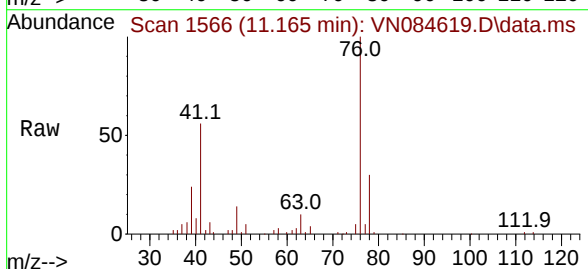
Acq: 31 Oct 2024 14:42

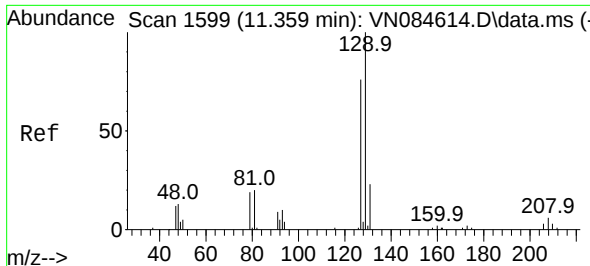
Tgt Ion: 76 Resp: 68595

Ion Ratio Lower Upper

76 100

78 33.1 0.0 64.0





#53

Dibromochloromethane

Concen: 19.690 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

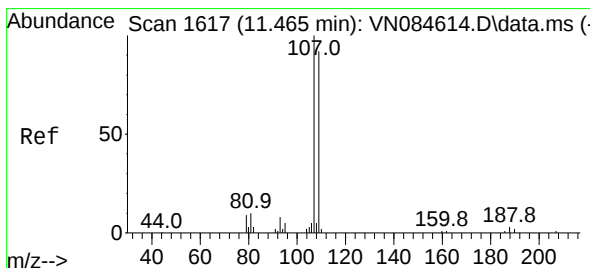
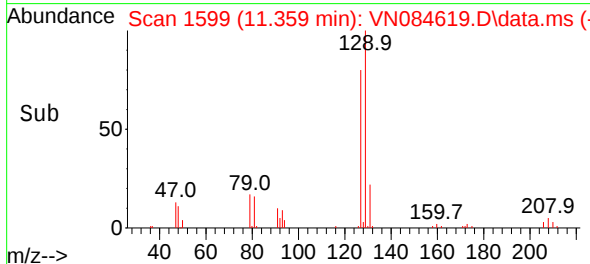
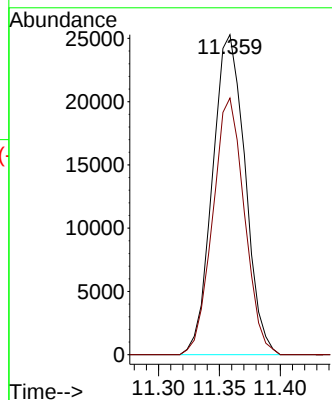
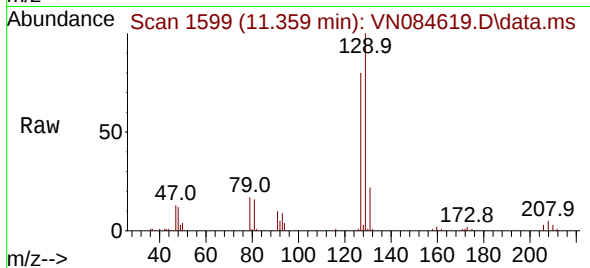
ClientSampleId :

Tgt Ion:129 Resp: 47080

Ion Ratio Lower Upper

129 100

127 78.0 39.6 119.0



#54

1,2-Dibromoethane

Concen: 19.356 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VN084619.D

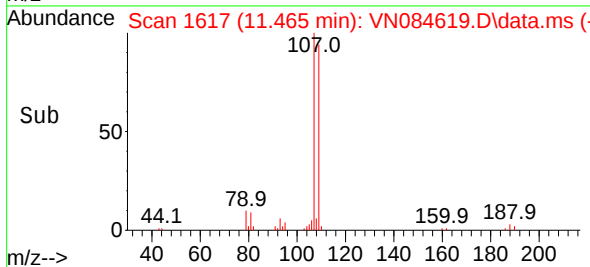
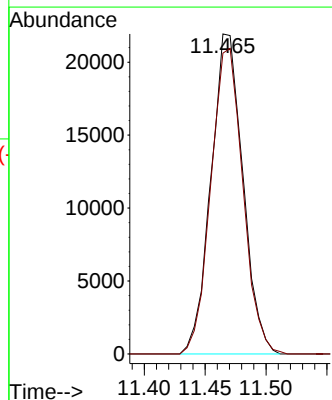
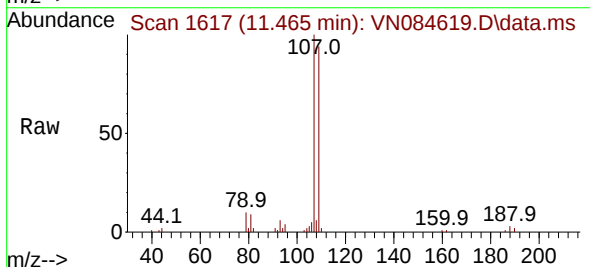
Acq: 31 Oct 2024 14:42

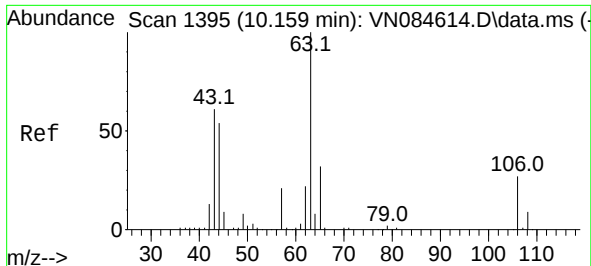
Tgt Ion:107 Resp: 40000

Ion Ratio Lower Upper

107 100

109 95.9 73.4 110.0

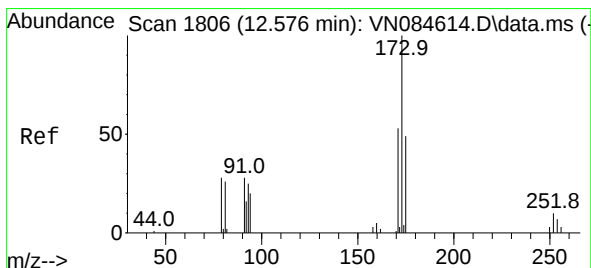
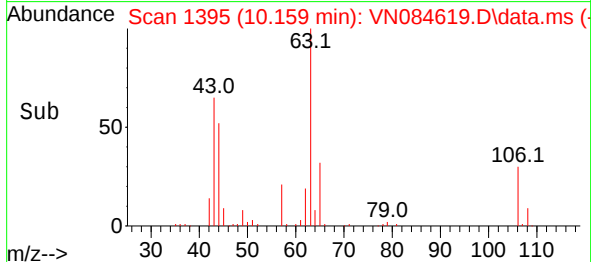
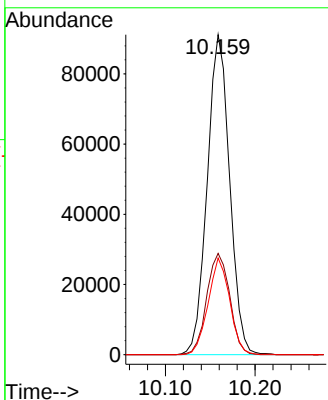
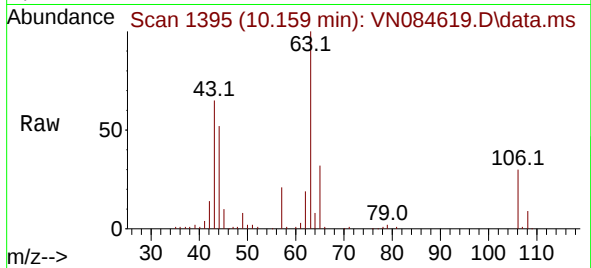




#55
2-Chloroethyl vinyl ether
Concen: 102.456 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

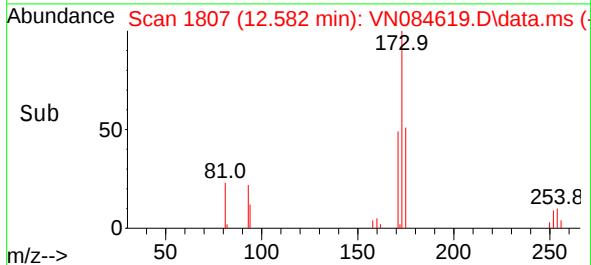
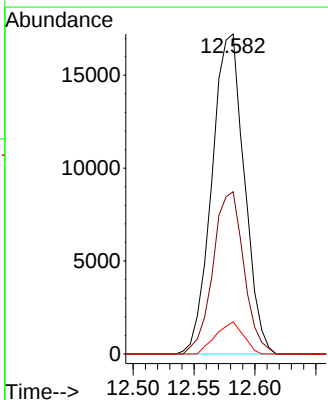
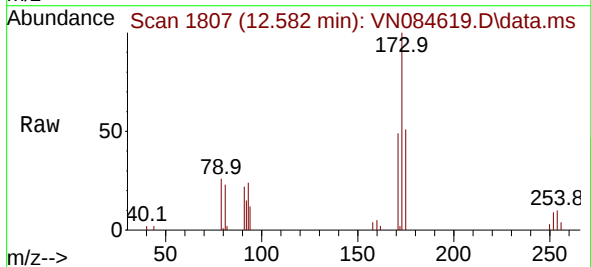
Instrument :
MSVOA_N
ClientSampleId :

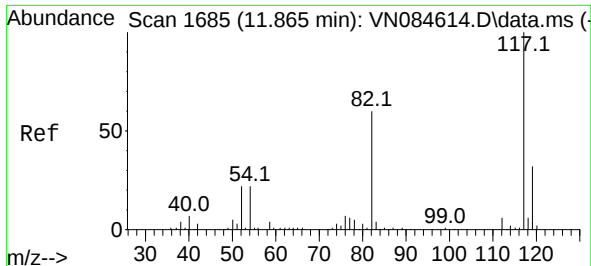
Tgt Ion: 63 Resp: 158206
Ion Ratio Lower Upper
63 100
65 32.4 25.5 38.3
106 29.0 22.3 33.5



#56
Bromoform
Concen: 19.898 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion:173 Resp: 31892
Ion Ratio Lower Upper
173 100
175 48.4 39.4 59.2
254 8.5 6.4 9.6





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

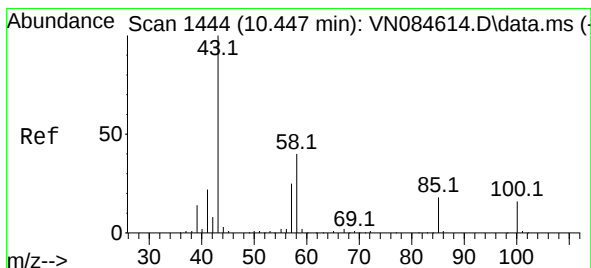
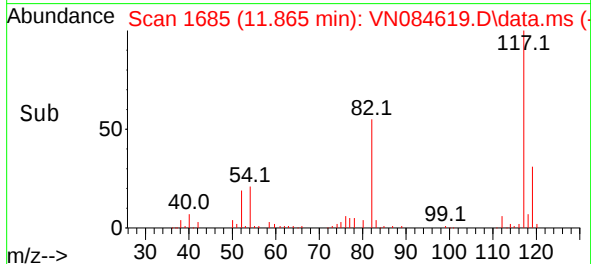
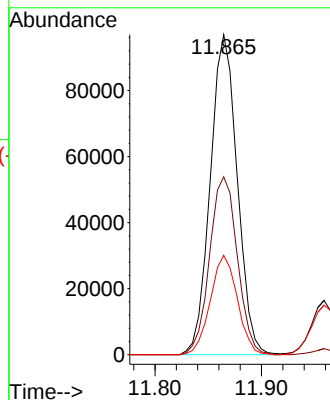
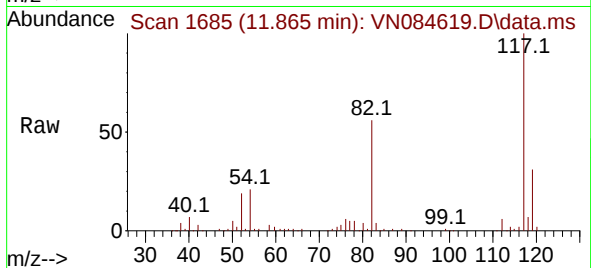
Tgt Ion:117 Resp: 170699

Ion Ratio Lower Upper

117 100

82 57.2 45.5 68.3

119 31.1 25.3 37.9



#58

4-Methyl-2-Pentanone

Concen: 100.170 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.006 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

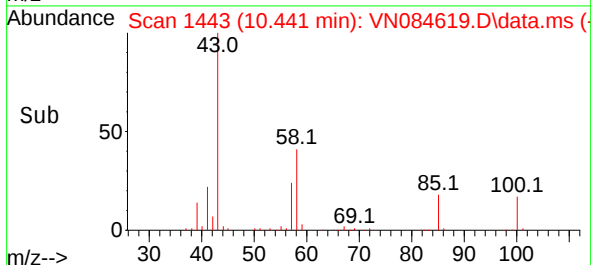
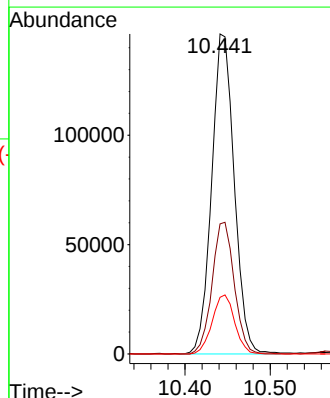
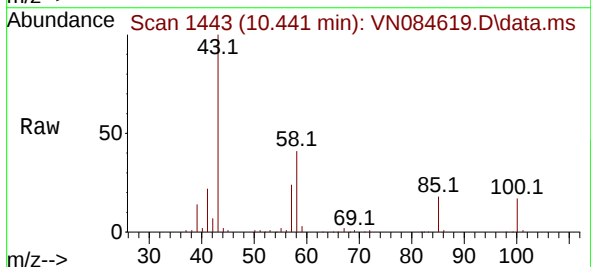
Tgt Ion: 43 Resp: 269754

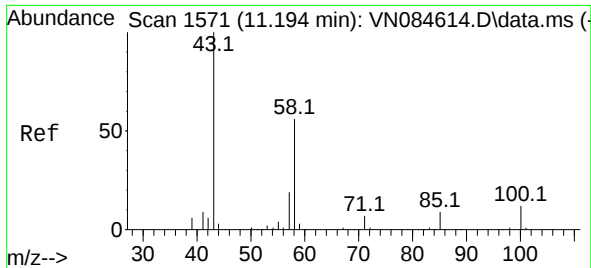
Ion Ratio Lower Upper

43 100

58 40.4 31.2 46.8

85 18.3 14.9 22.3

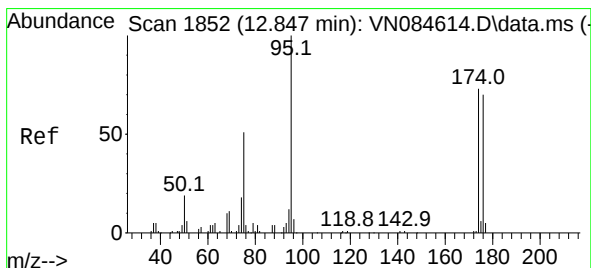
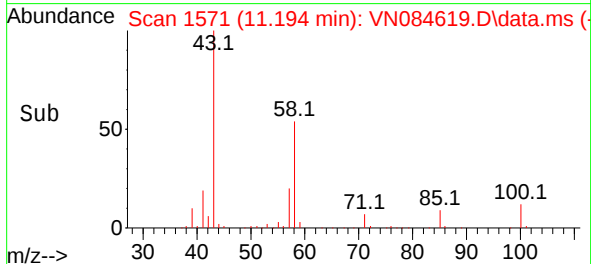
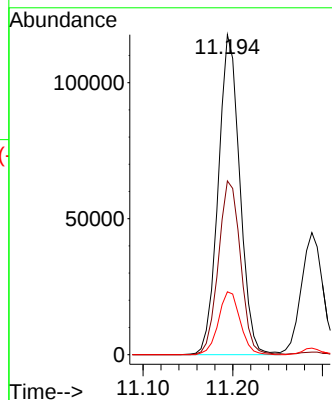
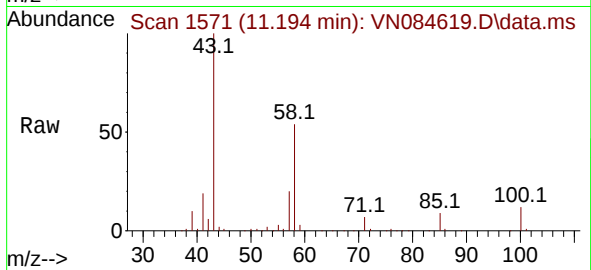




#59
2-Hexanone
Concen: 99.639 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

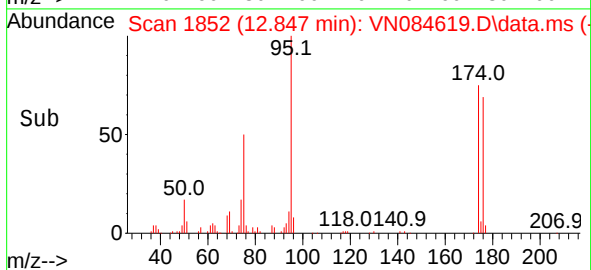
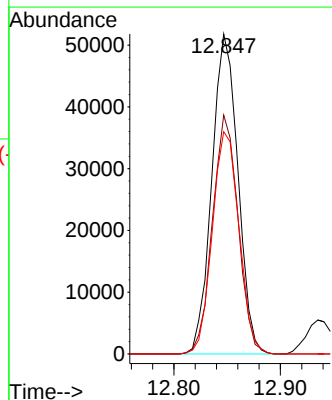
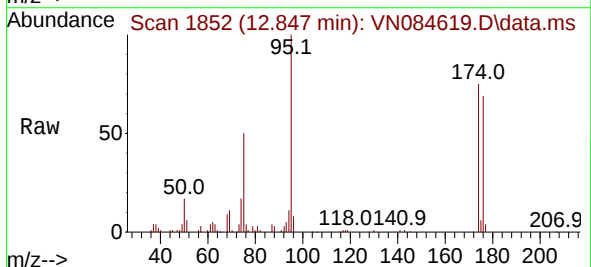
Instrument :
MSVOA_N
ClientSampleId :

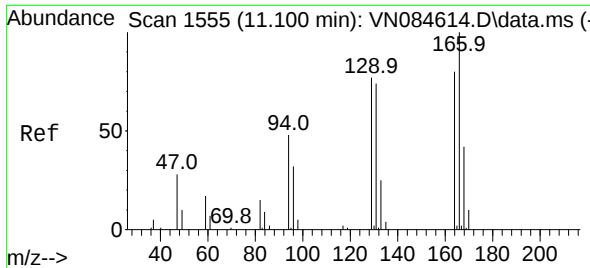
Tgt Ion: 43 Resp: 196485
Ion Ratio Lower Upper
43 100
58 55.6 43.8 65.6
57 19.8 15.0 22.6



#60
4-Bromofluorobenzene
Concen: 29.939 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

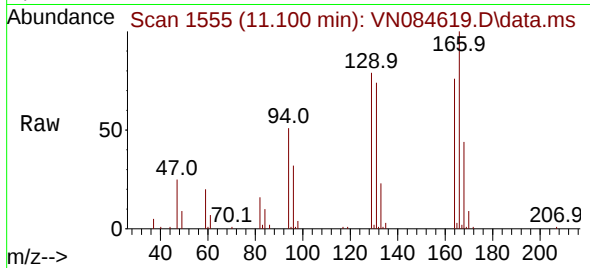
Tgt Ion: 95 Resp: 87996
Ion Ratio Lower Upper
95 100
174 73.1 59.6 89.4
176 71.1 58.6 88.0



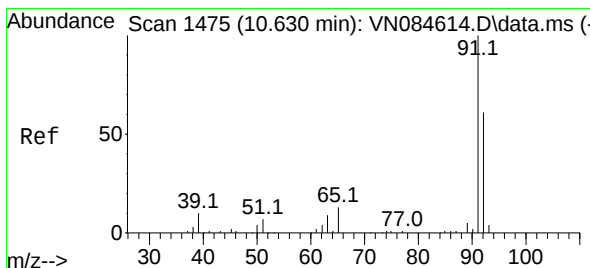
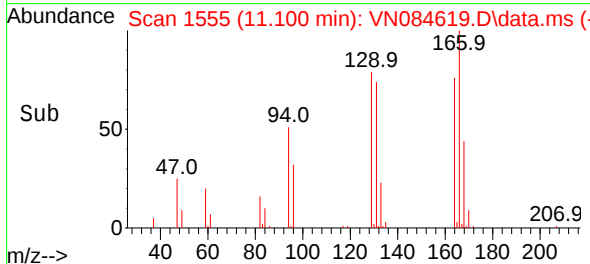
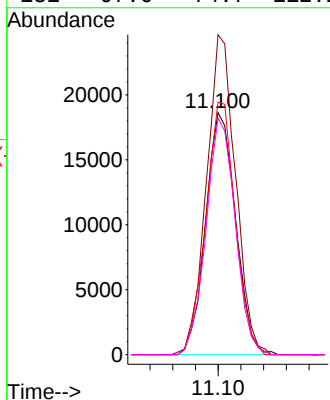


#61
Tetrachloroethene
Concen: 19.129 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :

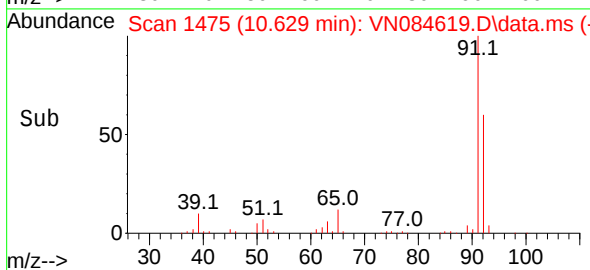
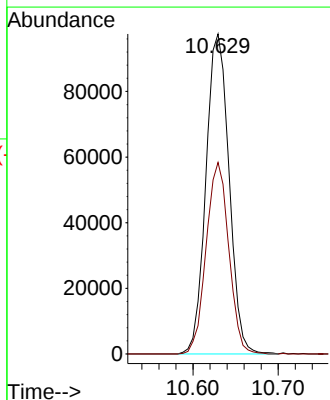
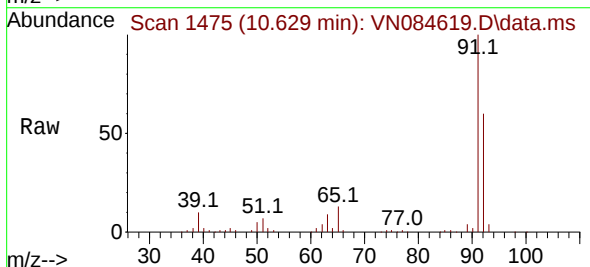


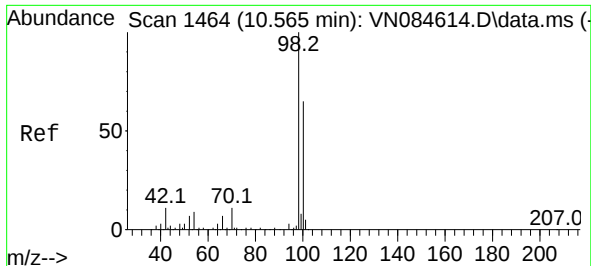
Tgt Ion:164 Resp: 34173
Ion Ratio Lower Upper
164 100
166 132.1 100.5 150.7
129 104.2 77.7 116.5
131 97.6 74.7 112.1



#62
Toluene
Concen: 18.941 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 91 Resp: 184150
Ion Ratio Lower Upper
91 100
92 58.5 47.5 71.3

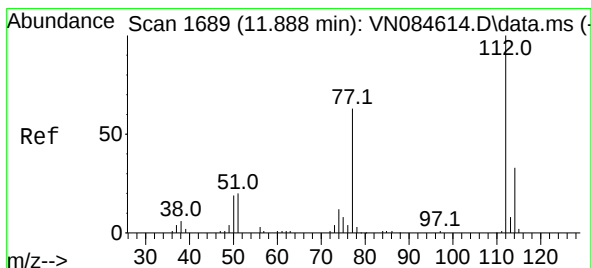
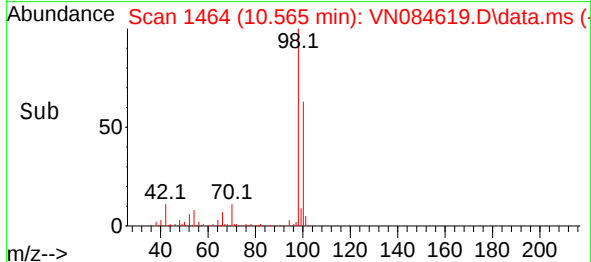
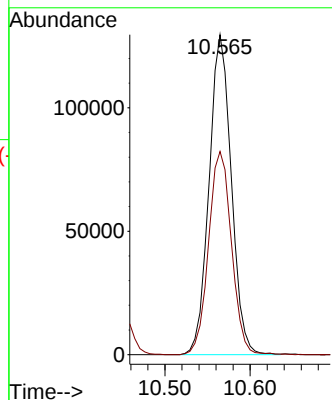
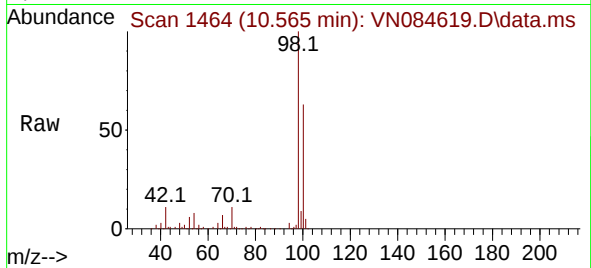




#63
Toluene-d8
Concen: 29.138 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

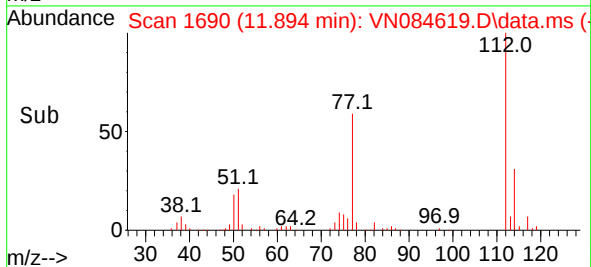
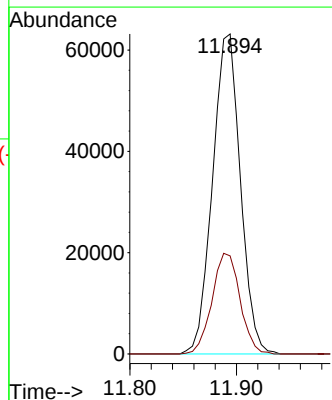
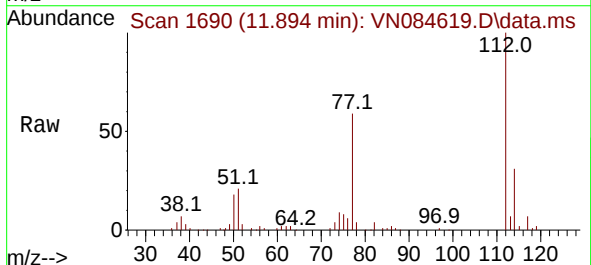
Instrument :
MSVOA_N
ClientSampleId :

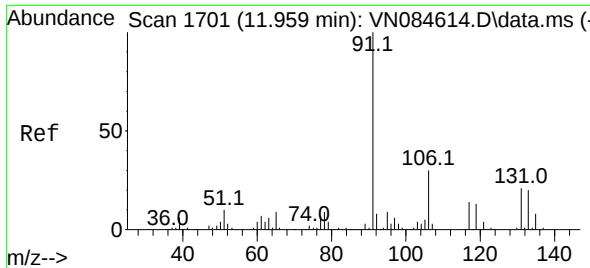
Tgt Ion: 98 Resp: 235463
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



#64
Chlorobenzene
Concen: 19.519 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 112 Resp: 114563
Ion Ratio Lower Upper
112 100
114 30.6 26.2 39.4

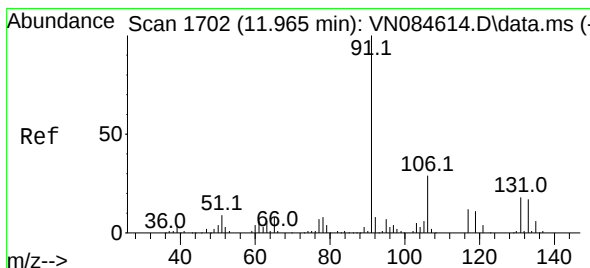
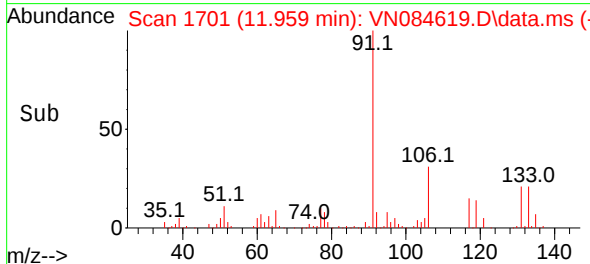
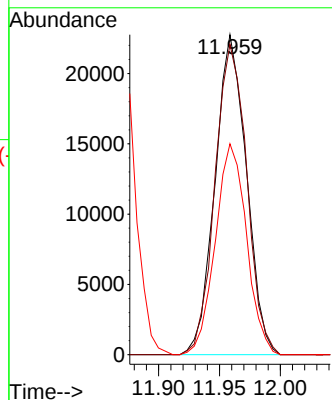
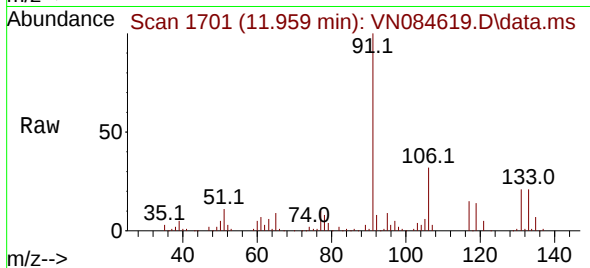




#65
1,1,1,2-Tetrachloroethane
Concen: 18.937 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

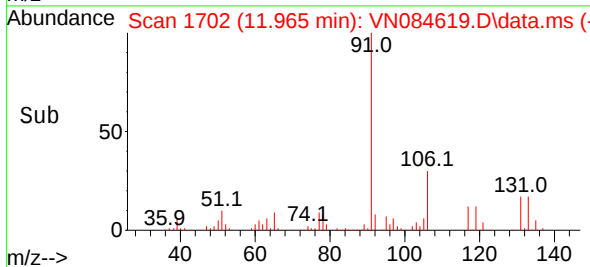
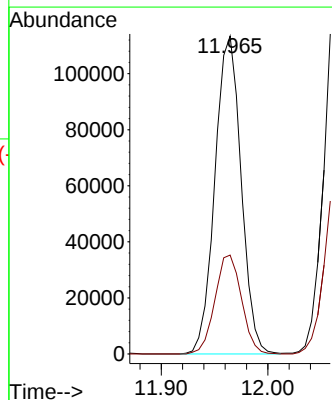
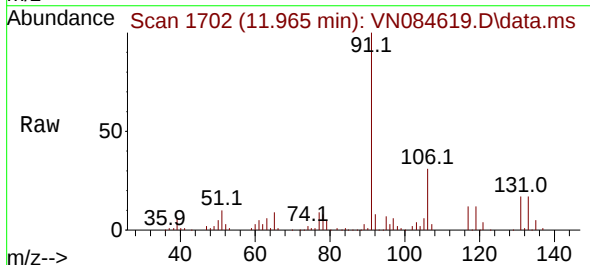
Instrument :
MSVOA_N
ClientSampleId :

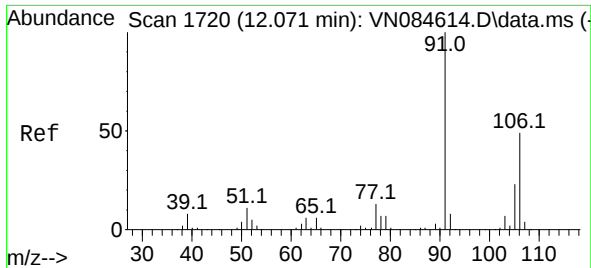
Tgt Ion:131 Resp: 40847
Ion Ratio Lower Upper
131 100
133 98.3 0.0 189.2
119 65.6 0.0 129.4



#66
Ethyl Benzene
Concen: 18.953 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 91 Resp: 193657
Ion Ratio Lower Upper
91 100
106 31.1 22.9 34.3

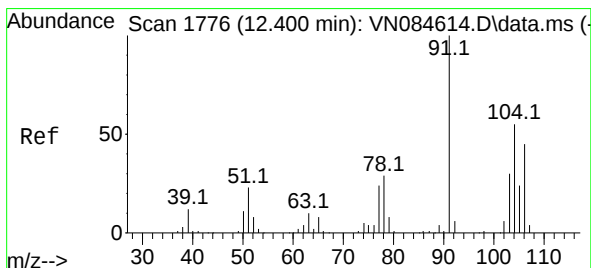
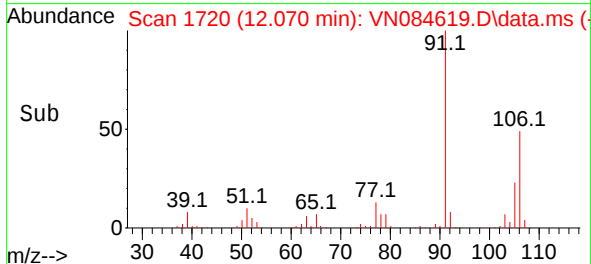
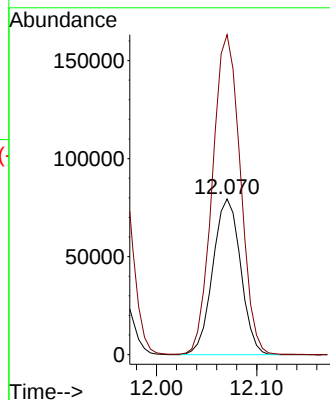
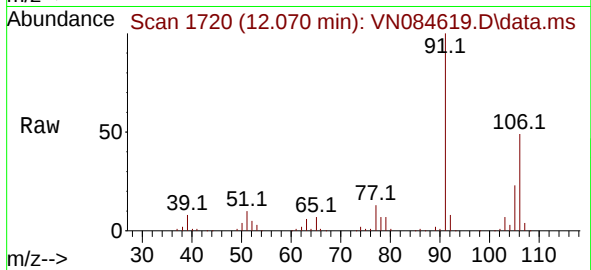




#67
m/p-Xylenes
Concen: 39.137 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

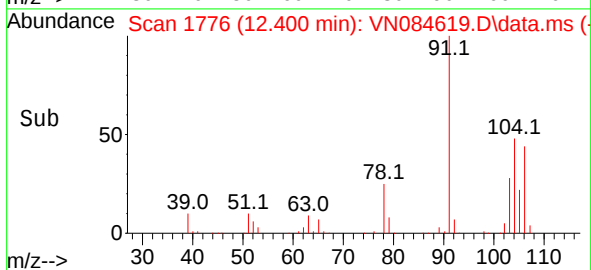
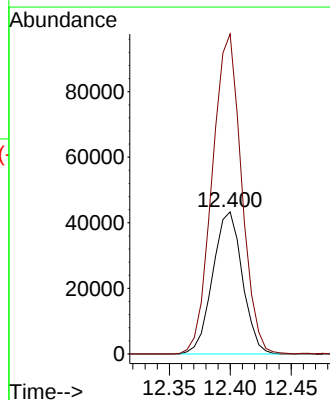
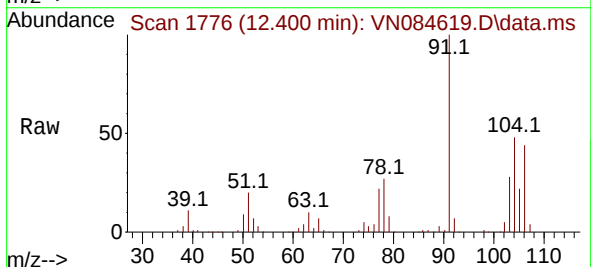
Instrument :
MSVOA_N
ClientSampleId :

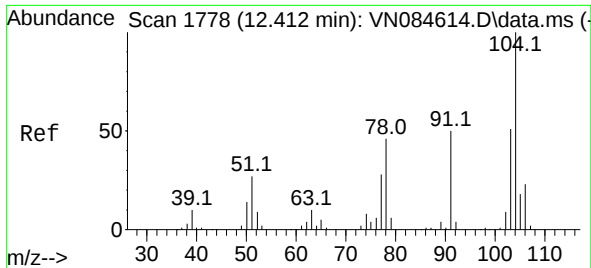
Tgt Ion:106 Resp: 153096
Ion Ratio Lower Upper
106 100
91 206.5 168.1 252.1



#68
o-Xylene
Concen: 19.434 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion:106 Resp: 73335
Ion Ratio Lower Upper
106 100
91 222.6 107.7 322.9





#69

Styrene

Concen: 19.701 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

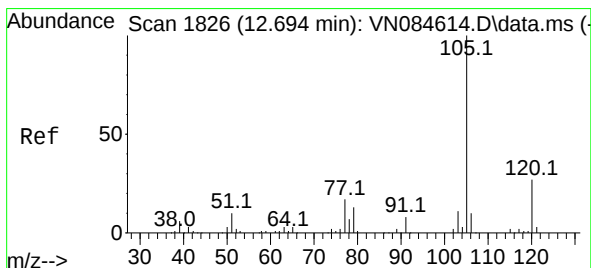
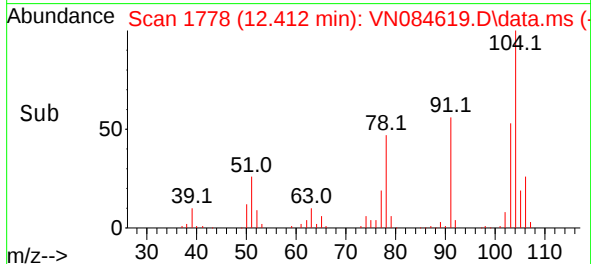
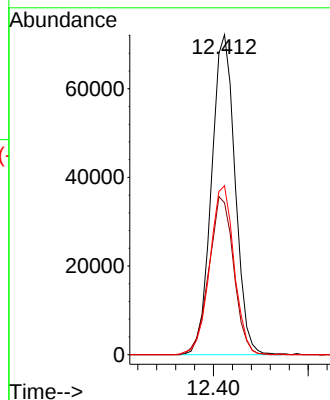
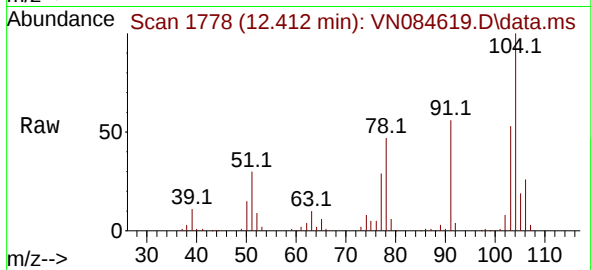
Tgt Ion:104 Resp: 124645

Ion Ratio Lower Upper

104 100

78 52.0 41.5 62.3

103 54.5 44.6 67.0



#70

Isopropylbenzene

Concen: 20.058 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084619.D

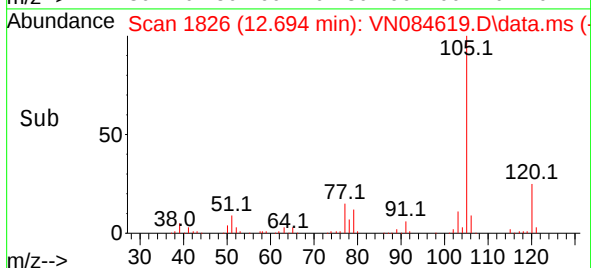
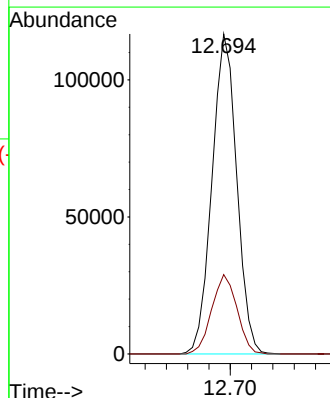
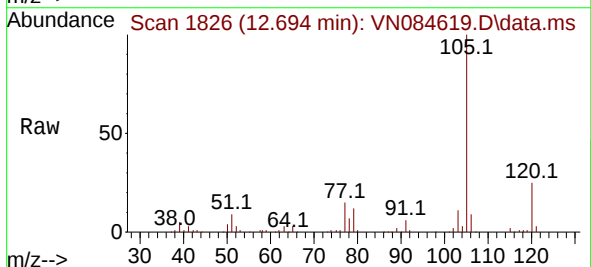
Acq: 31 Oct 2024 14:42

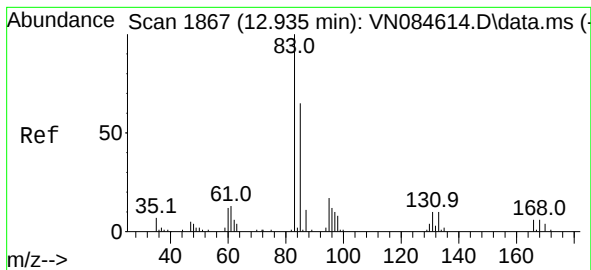
Tgt Ion:105 Resp: 188026

Ion Ratio Lower Upper

105 100

120 25.3 18.7 34.7

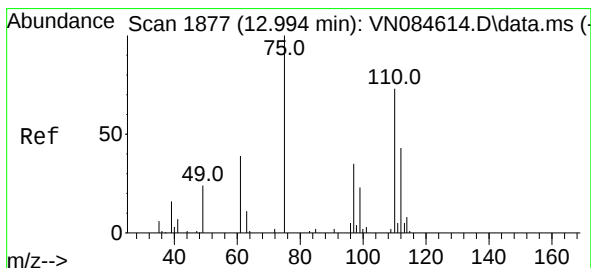
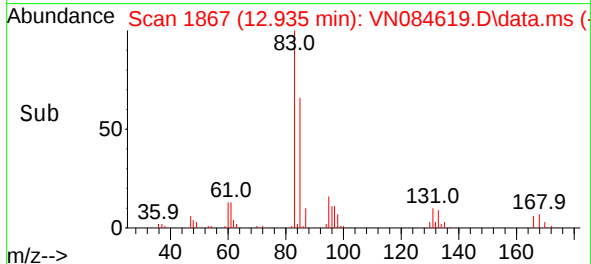
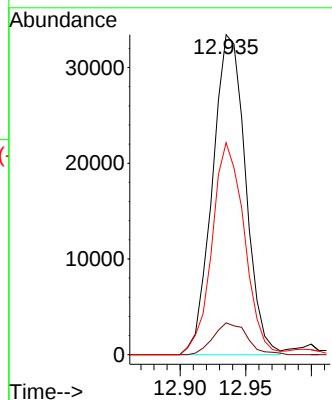
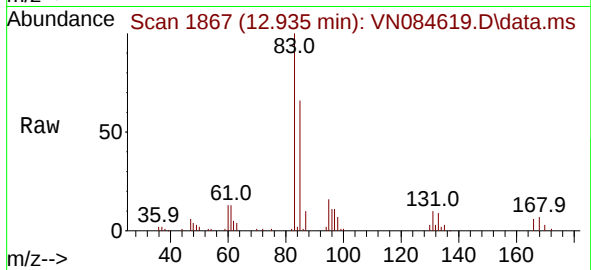




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.273 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN084619.D
 Acq: 31 Oct 2024 14:42

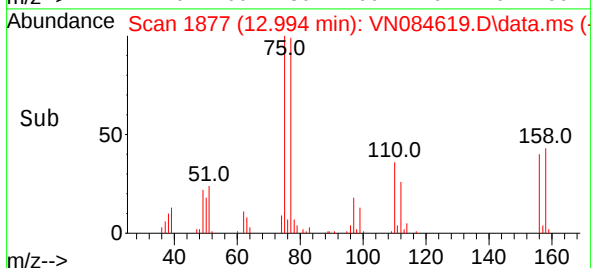
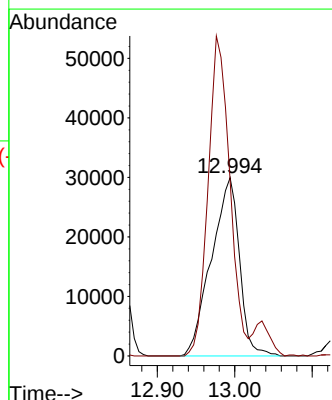
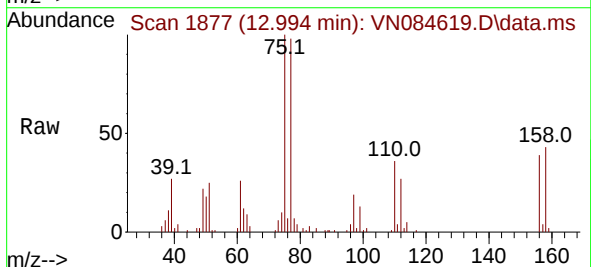
Instrument :
 MSVOA_N
 ClientSampleId :

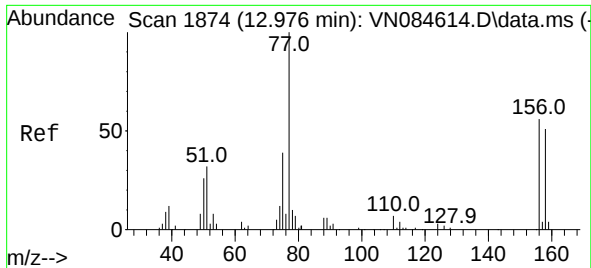
Tgt Ion: 83 Resp: 58559
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.1 15.3
 85 64.8 33.3 99.9



#72
 1,2,3-Trichloropropane
 Concen: 29.042 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN084619.D
 Acq: 31 Oct 2024 14:42

Tgt Ion: 75 Resp: 75346
 Ion Ratio Lower Upper
 75 100
 77 139.2 0.0 358.4

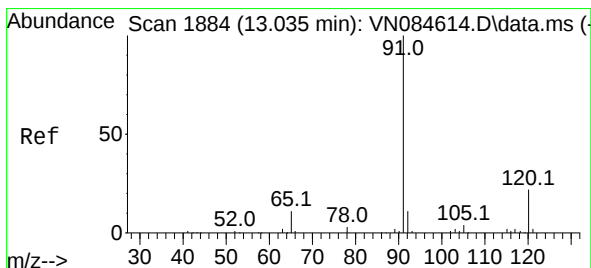
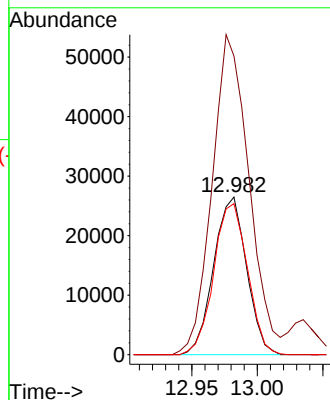
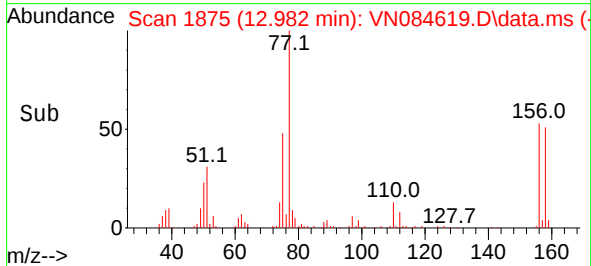
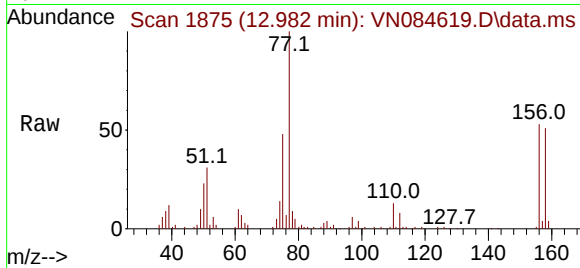




#73
Bromobenzene
Concen: 19.118 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

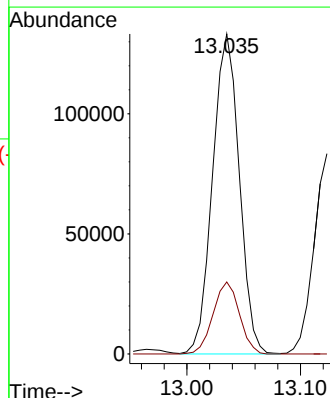
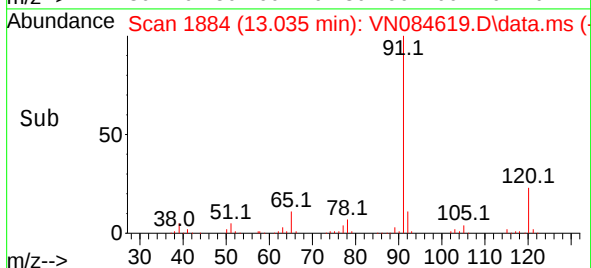
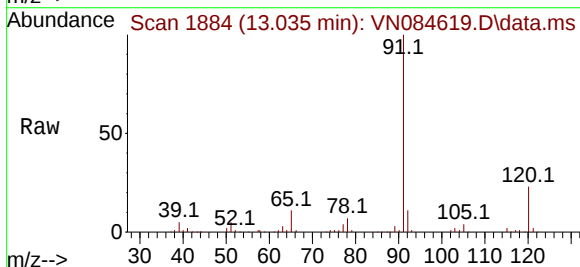
Instrument :
MSVOA_N
ClientSampleId :

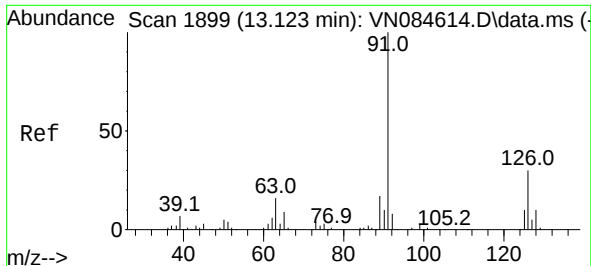
Tgt Ion:156 Resp: 46221
Ion Ratio Lower Upper
156 100
77 226.9 0.0 427.6
158 98.2 0.0 191.6



#74
n-propylbenzene
Concen: 19.858 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 91 Resp: 217666
Ion Ratio Lower Upper
91 100
120 22.1 0.0 44.0

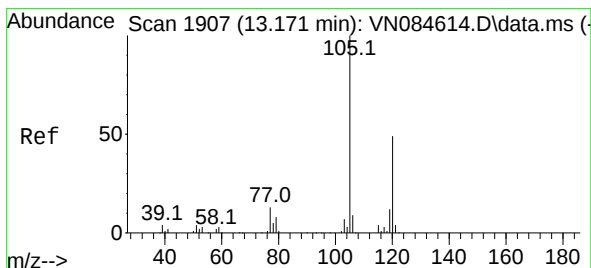
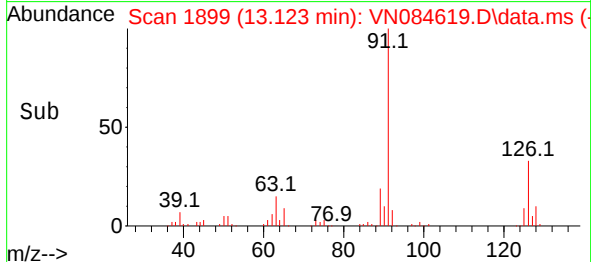
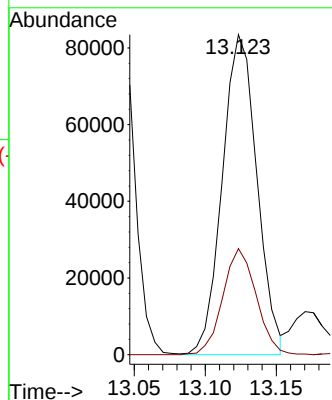
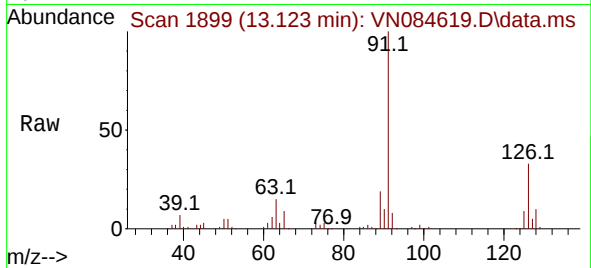




#75
2-Chlorotoluene
Concen: 19.851 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

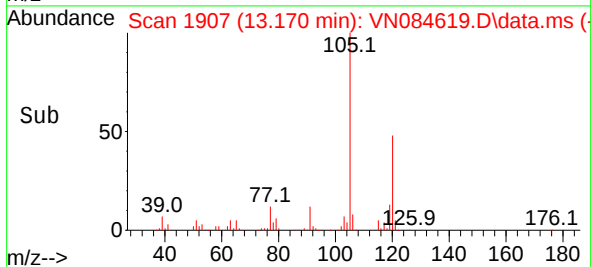
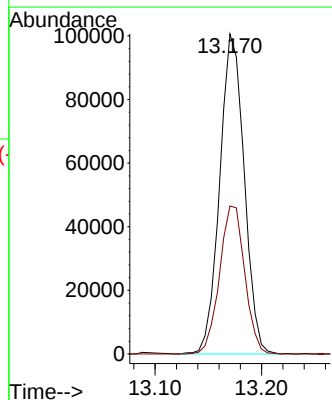
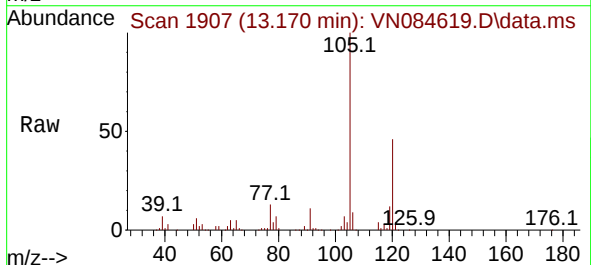
Instrument :
MSVOA_N
ClientSampleId :

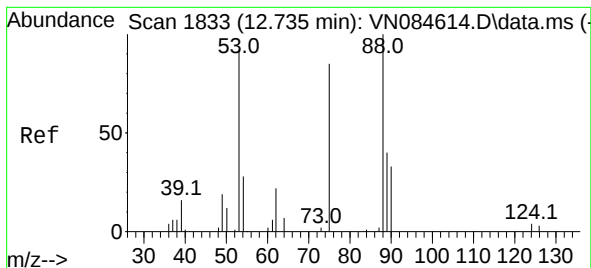
Tgt Ion: 91 Resp: 141697
Ion Ratio Lower Upper
91 100
126 31.9 0.0 60.8



#76
1,3,5-Trimethylbenzene
Concen: 20.014 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion:105 Resp: 160297
Ion Ratio Lower Upper
105 100
120 47.5 0.0 96.8

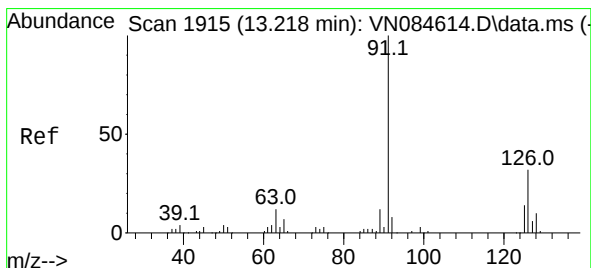
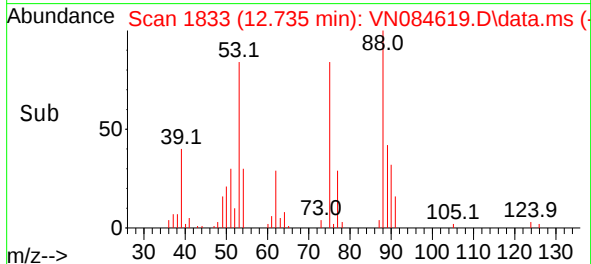
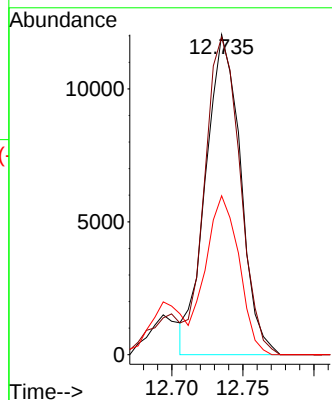
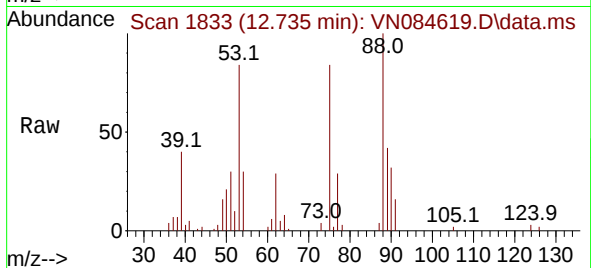




#77
t-1,4-Dichloro-2-butene
Concen: 19.312 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

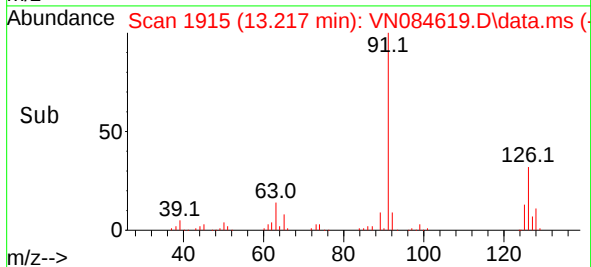
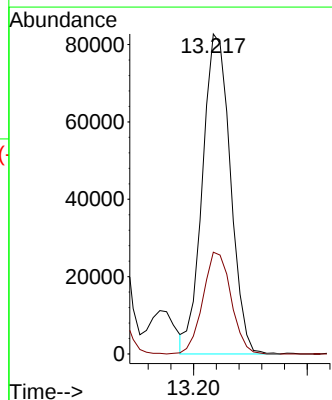
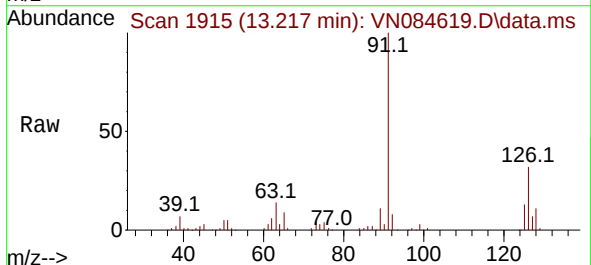
Instrument :
MSVOA_N
ClientSampleId :

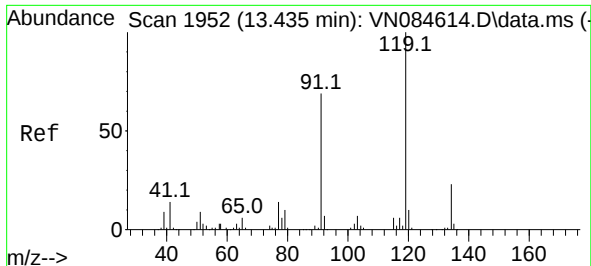
Tgt Ion: 75 Resp: 20549
Ion Ratio Lower Upper
75 100
53 99.3 52.4 157.2
89 49.6 26.0 78.0



#78
4-Chlorotoluene
Concen: 19.616 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion: 91 Resp: 141472
Ion Ratio Lower Upper
91 100
126 32.0 0.0 63.4





#79

tert-butylbenzene

Concen: 20.379 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

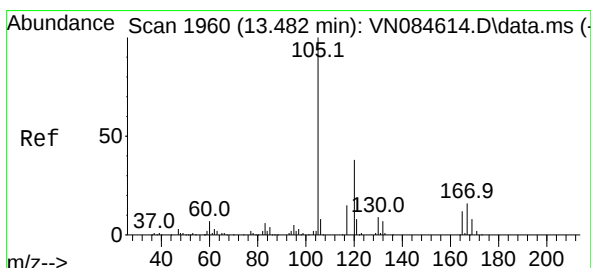
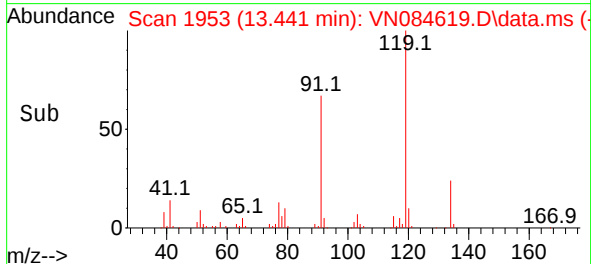
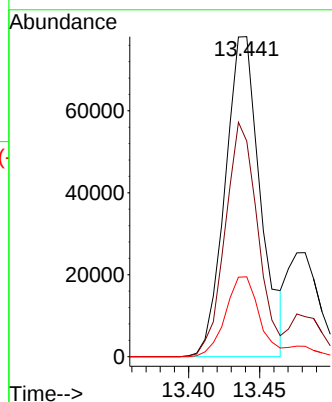
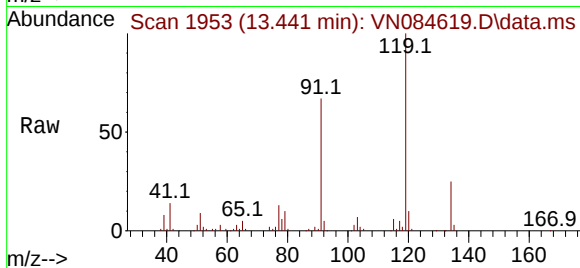
Tgt Ion:119 Resp: 134979

Ion Ratio Lower Upper

119 100

91 67.9 0.0 143.2

134 23.9 0.0 49.4



#80

1,2,4-Trimethylbenzene

Concen: 19.863 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN084619.D

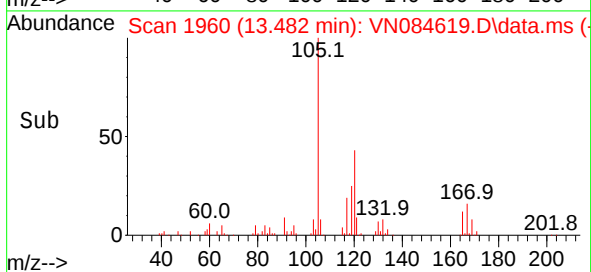
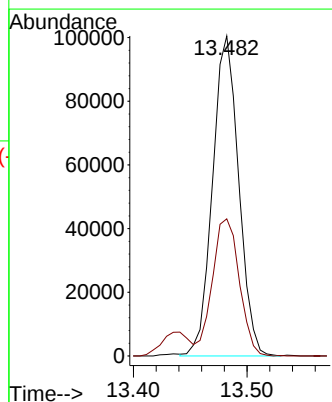
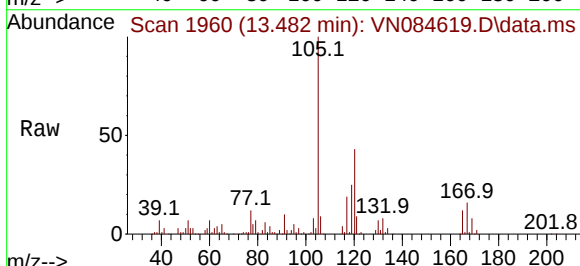
Acq: 31 Oct 2024 14:42

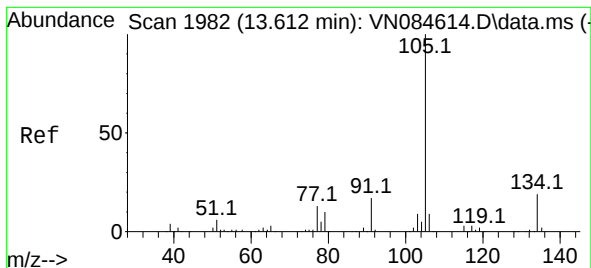
Tgt Ion:105 Resp: 160493

Ion Ratio Lower Upper

105 100

120 44.4 0.0 90.4





#81

sec-Butylbenzene

Concen: 19.704 ug/l

RT: 13.617 min Scan# 1982

Delta R.T. 0.006 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

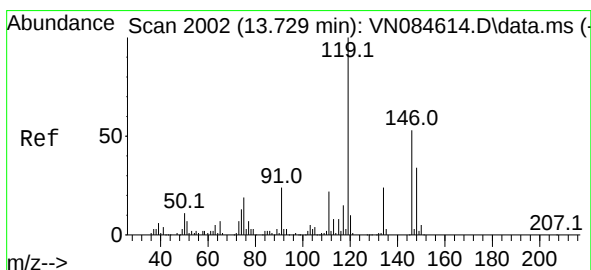
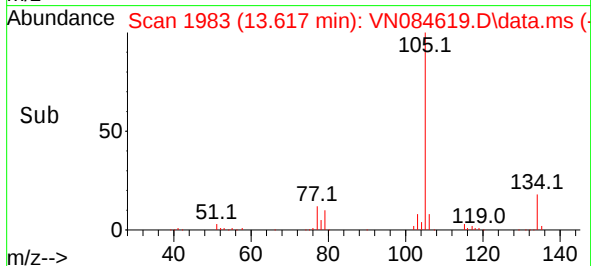
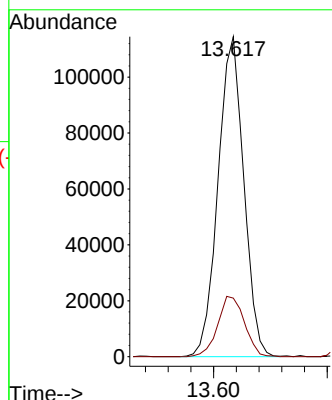
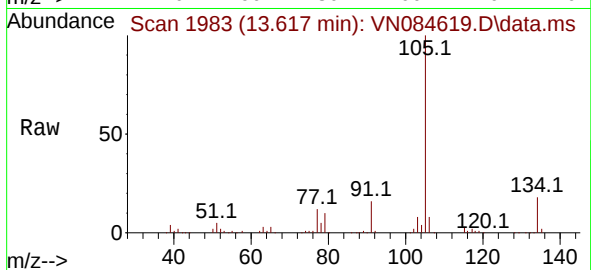
ClientSampleId :

Tgt Ion:105 Resp: 179829

Ion Ratio Lower Upper

105 100

134 19.6 0.0 39.0



#82

p-Isopropyltoluene

Concen: 19.381 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

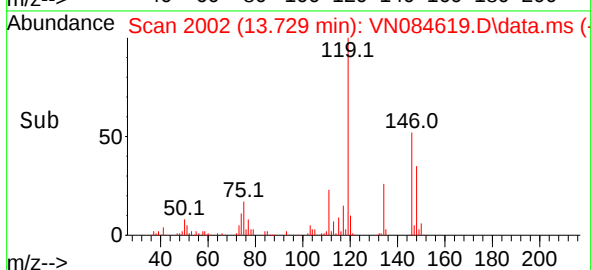
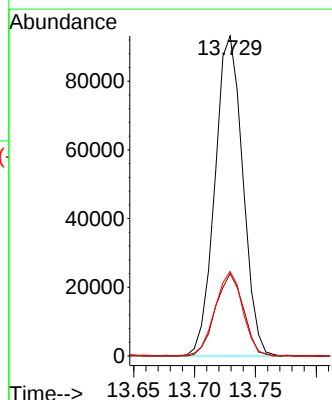
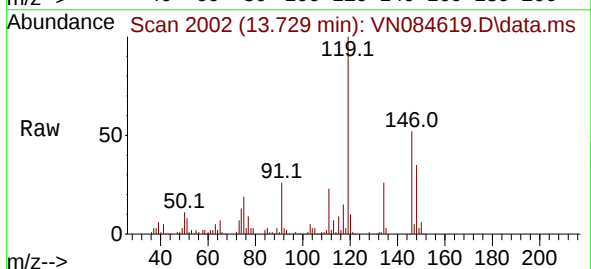
Tgt Ion:119 Resp: 148622

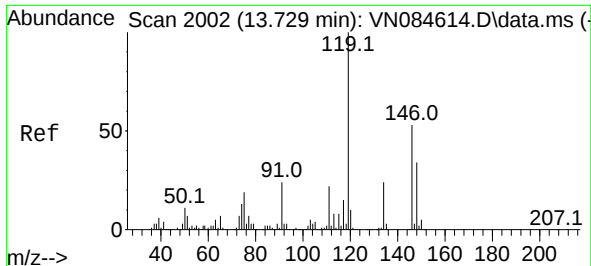
Ion Ratio Lower Upper

119 100

134 25.7 0.0 51.4

91 26.3 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 19.330 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

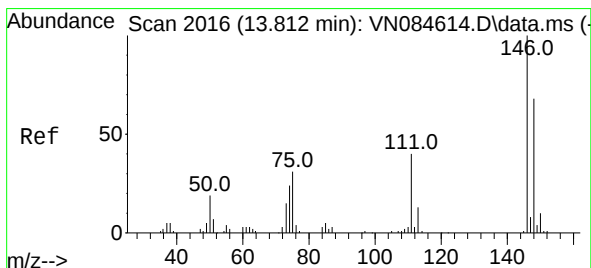
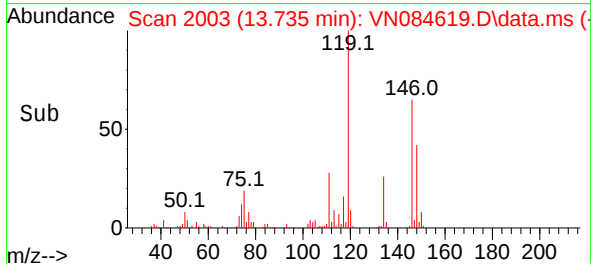
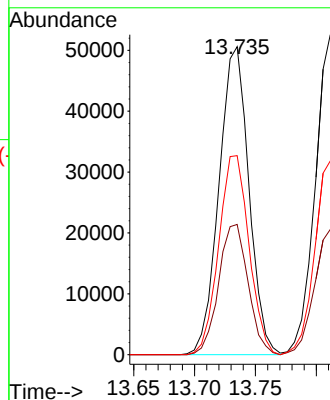
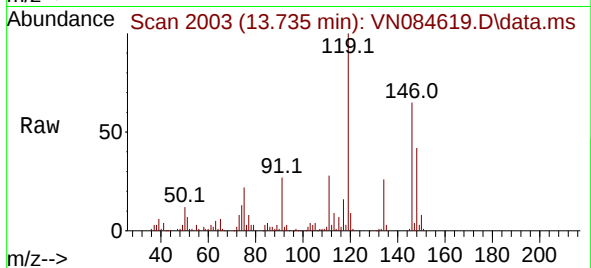
Tgt Ion:146 Resp: 86431

Ion Ratio Lower Upper

146 100

111 41.7 21.0 63.0

148 65.6 31.3 93.8



#84

1,4-Dichlorobenzene

Concen: 19.724 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

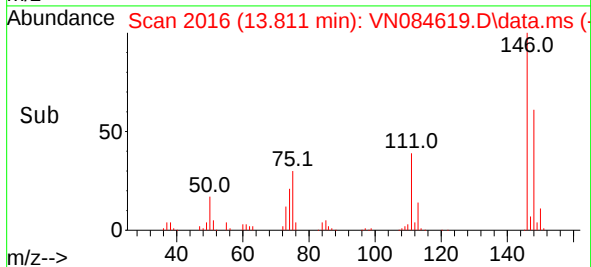
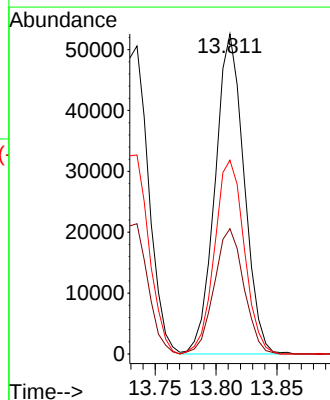
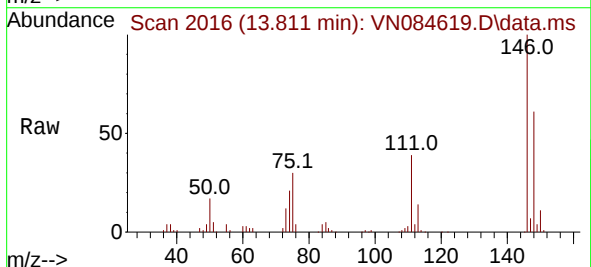
Tgt Ion:146 Resp: 87143

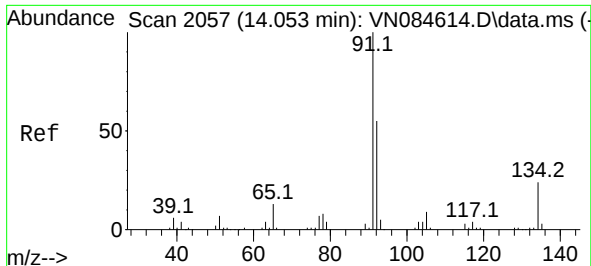
Ion Ratio Lower Upper

146 100

111 40.0 20.2 60.5

148 61.9 32.6 98.0





#85

n-Butylbenzene

Concen: 19.377 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

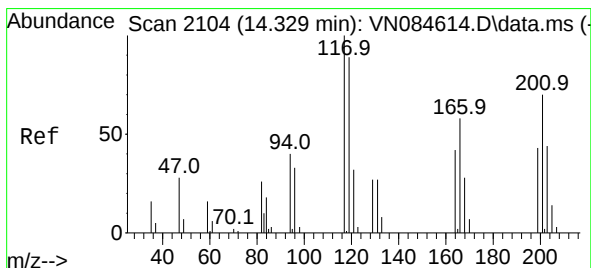
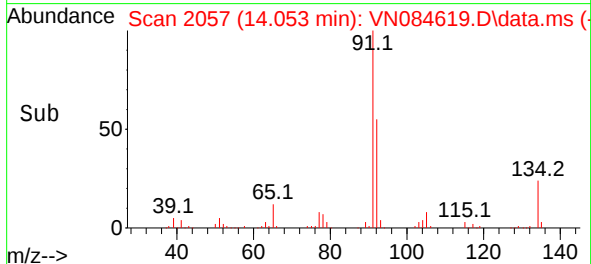
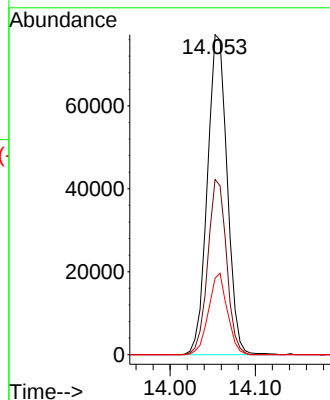
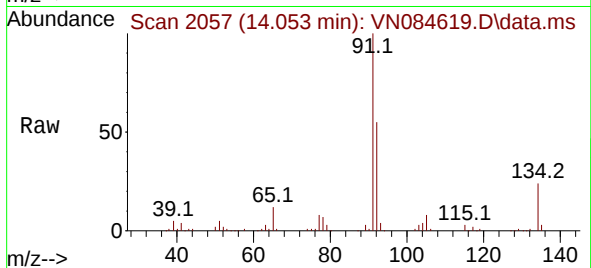
Tgt Ion: 91 Resp: 124802

Ion Ratio Lower Upper

91 100

92 51.6 0.0 106.2

134 24.1 0.0 48.2



#86

Hexachloroethane

Concen: 19.206 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN084619.D

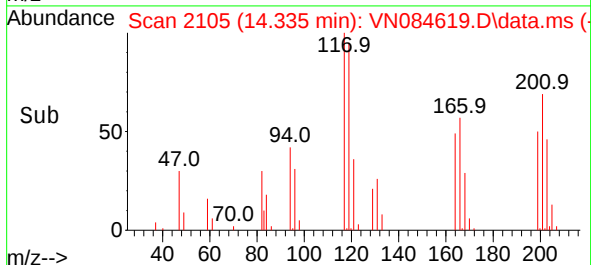
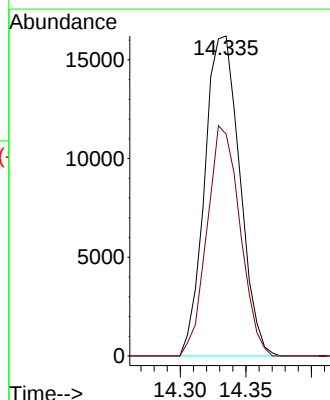
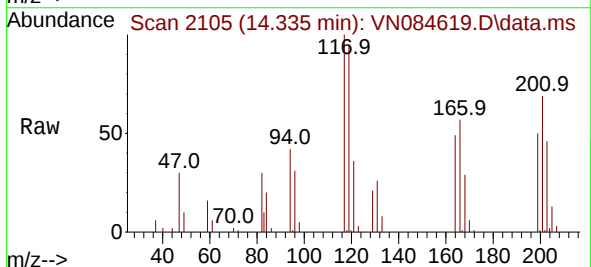
Acq: 31 Oct 2024 14:42

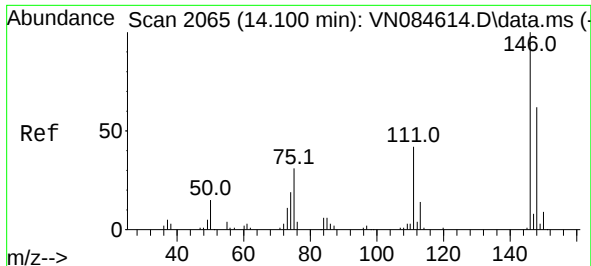
Tgt Ion: 117 Resp: 30122

Ion Ratio Lower Upper

117 100

201 67.8 34.4 103.3





#87

1,2-Dichlorobenzene

Concen: 19.650 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.006 min

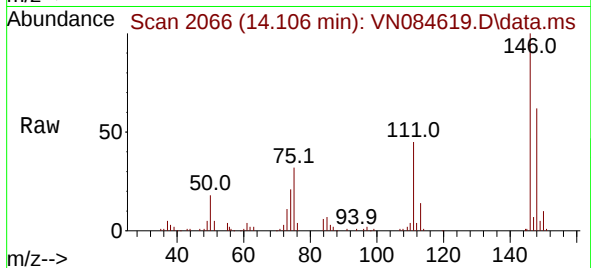
Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :



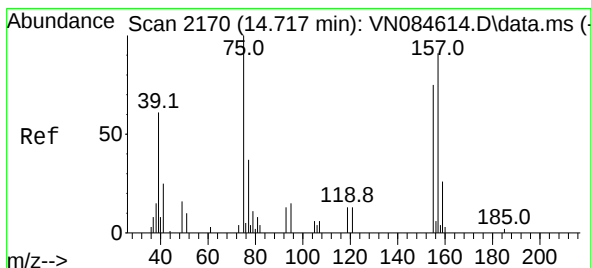
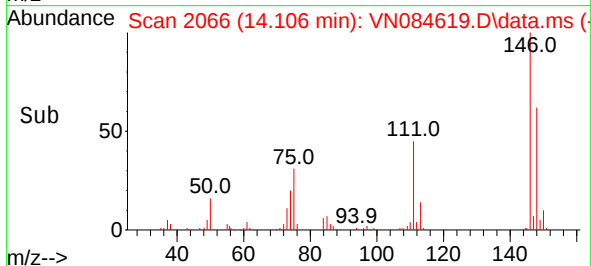
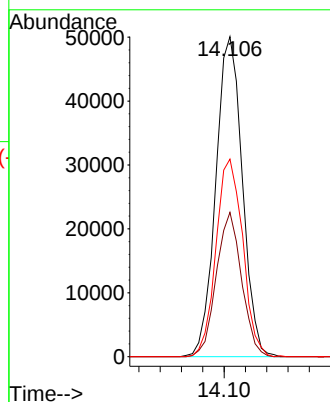
Tgt Ion:146 Resp: 86578

Ion Ratio Lower Upper

146 100

111 43.0 22.4 67.0

148 62.2 32.6 98.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.926 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

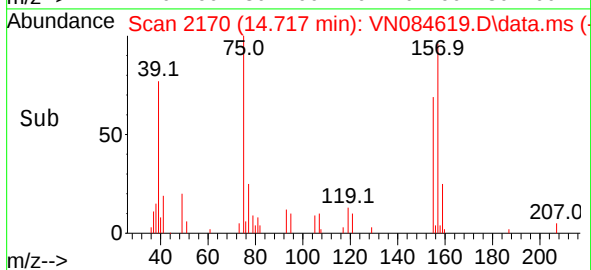
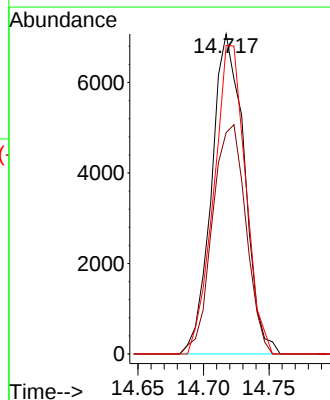
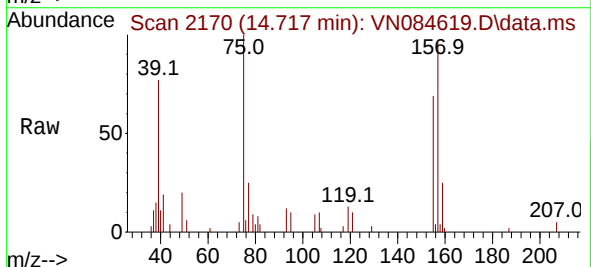
Tgt Ion: 75 Resp: 12268

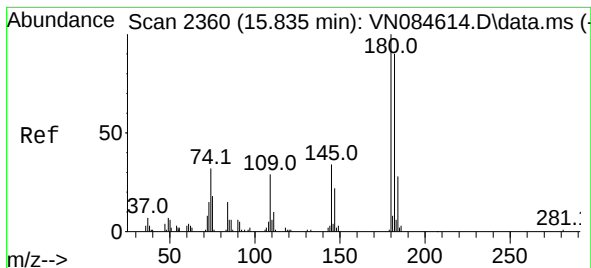
Ion Ratio Lower Upper

75 100

155 73.5 61.8 92.6

157 93.6 74.7 112.1





#89

1,2,4-Trichlorobenzene

Concen: 20.187 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min MSVOA_N

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

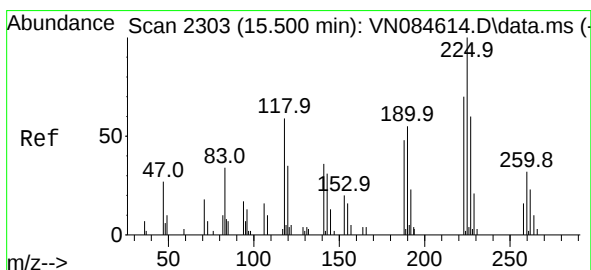
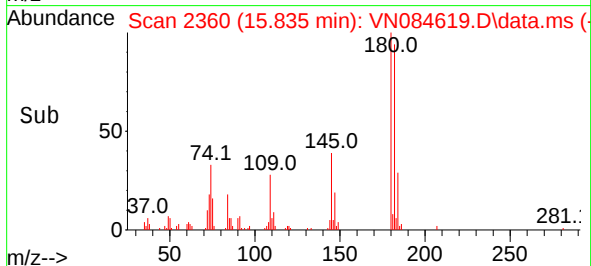
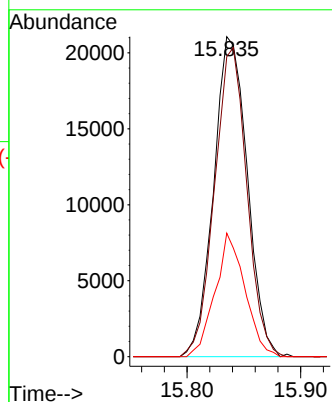
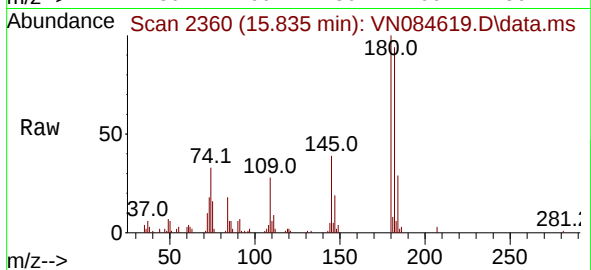
Tgt Ion:180 Resp: 43307

Ion Ratio Lower Upper

180 100

182 92.8 73.0 109.6

145 34.3 26.5 39.7



#90

Hexachlorobutadiene

Concen: 20.428 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084619.D

Acq: 31 Oct 2024 14:42

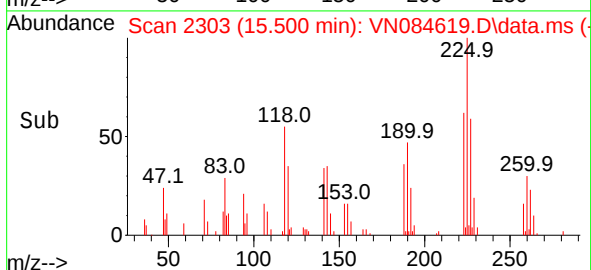
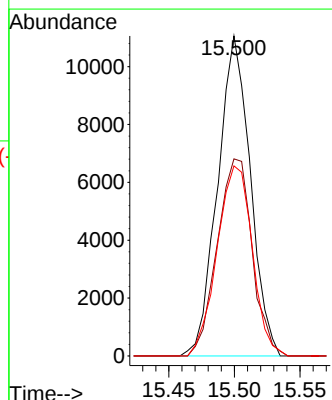
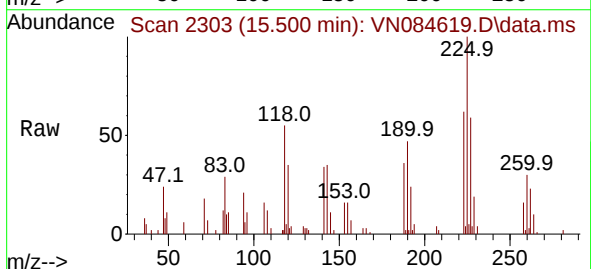
Tgt Ion:225 Resp: 19143

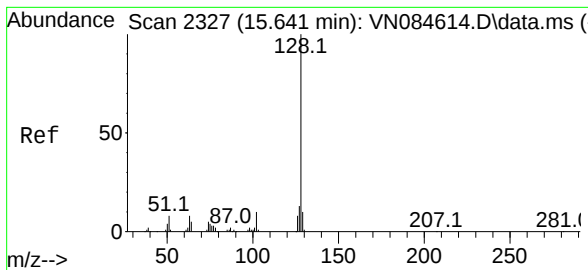
Ion Ratio Lower Upper

225 100

223 65.8 0.0 138.8

227 63.9 0.0 123.2

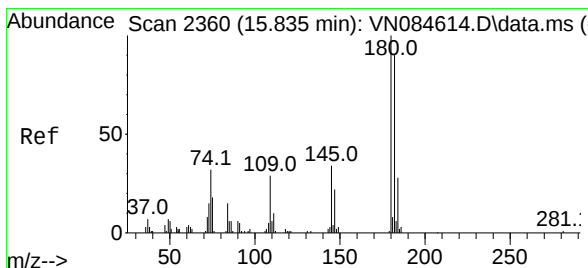
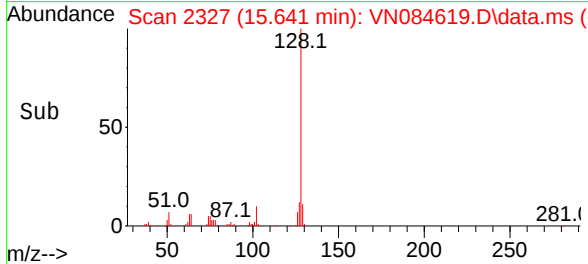
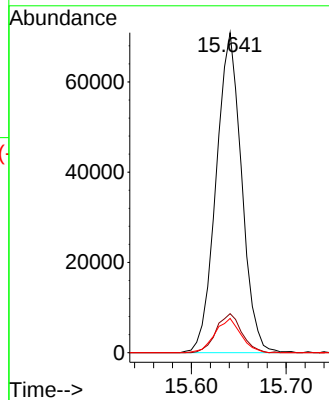
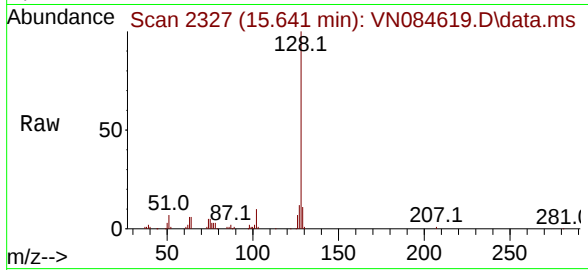




#91
Naphthalene
Concen: 19.356 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:128	Resp: 132615
Ion Ratio	Lower Upper
128	100
127	12.2 10.3 15.5
129	10.9 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 20.187 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN084619.D
Acq: 31 Oct 2024 14:42

Tgt Ion:180	Resp: 43307
Ion Ratio	Lower Upper
180	100
182	92.8 0.0 182.6
145	34.3 0.0 66.2

