

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080923\
 Data File : VN078814.D
 Acq On : 09 Aug 2023 12:30
 Operator : JC\MD
 Sample : VN0809WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBSD01

Quant Time: Aug 10 05:27:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 05:05:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.830	128	33896	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	187586	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	167495	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	83083	30.445	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.500%
60) 4-Bromofluorobenzene	12.853	95	70866	30.142	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.467%
63) Toluene-d8	10.571	98	246028	29.975	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.933%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	45724	19.570	ug/l	92
3) Chloromethane	2.371	50	56936	20.464	ug/l	96
4) Vinyl Chloride	2.524	62	55269	20.876	ug/l	97
5) Bromomethane	2.965	94	35434	18.399	ug/l	82
6) Chloroethane	3.130	64	35301	18.771	ug/l	100
7) Trichlorofluoromethane	3.506	101	71676	19.726	ug/l	97
8) Diethyl Ether	3.971	74	27493	21.278	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	26735	13.715	ug/l	84
10) 1,1-Dichloroethene	4.359	96	38498	20.394	ug/l	91
11) Methyl Iodide	4.601	142	48714	19.345	ug/l	91
12) Methyl Acetate	5.036	43	73874	18.005	ug/l	91
13) Acrolein	4.195	56	39607	91.140	ug/l	99
14) Acrylonitrile	5.730	53	103285	95.536	ug/l	98
15) Acetone	4.442	58	30755	110.408	ug/l	81
16) Carbon Disulfide	4.718	76	111434	20.392	ug/l	97
17) Allyl chloride	5.036	41	64569	19.568	ug/l	94
18) Methylene Chloride	5.277	84	24936	10.585	ug/l #	92
19) trans-1,2-Dichloroethene	5.795	96	43125	19.897	ug/l	94
20) Diisopropyl ether	6.677	45	146712	19.800	ug/l #	91
21) 1,1-Dichloroethane	6.577	63	85922	20.339	ug/l	96
22) cis-1,2-Dichloroethene	7.500	96	48478	20.179	ug/l	95
23) tert-Butyl Alcohol	5.542	59	16047	39.945	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	126822	20.072	ug/l #	86
25) Chloroform	7.971	83	83082	19.810	ug/l	99
26) Cyclohexane	8.265	56	66236	19.906	ug/l #	90
29) 1,1-Dichloropropene	8.377	75	60376	19.811	ug/l	98
30) 2-Butanone	7.489	43	143077	95.784	ug/l	92
31) 2,2-Dichloropropane	7.494	77	39000	12.410	ug/l #	67
32) 1,1,1-Trichloroethane	8.177	97	72593	20.227	ug/l	96
33) Carbon Tetrachloride	8.365	117	63452	20.484	ug/l	97
34) Benzene	8.618	78	184534	19.900	ug/l	96
35) Methacrylonitrile	7.783	41	32288	18.408	ug/l	84
36) 1,2-Dichloroethane	8.677	62	65977	20.353	ug/l #	87
37) Trichloroethene	9.359	130	47111	21.113	ug/l	96
38) Methylcyclohexane	9.612	83	58474	20.266	ug/l	91
39) 1,2-Dichloropropane	9.630	63	49574	20.206	ug/l	93
40) Dibromomethane	9.718	93	32838	20.101	ug/l	97
41) Bromodichloromethane	9.894	83	64126	19.480	ug/l	98
42) Vinyl Acetate	6.612	43	465700	99.074	ug/l	96

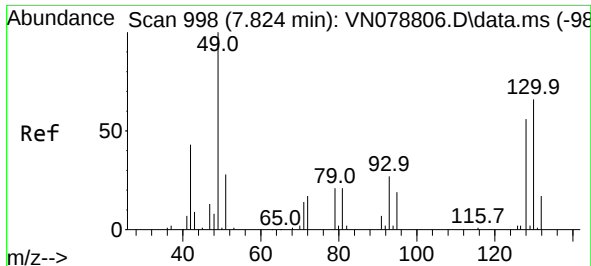
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080923\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	60426	19.487	ug/l	100
44) Isopropyl Acetate	8.694	43	102566	18.420	ug/l	92
45) 1,4-Dioxane	9.706	88	14171	379.342	ug/l #	85
46) Methyl methacrylate	9.683	41	46671	19.794	ug/l	79
47) n-amyl Acetate	12.500	43	73487	18.878	ug/l	91
48) t-1,3-Dichloropropene	10.841	75	66550	20.021	ug/l	93
49) cis-1,3-Dichloropropene	10.318	75	75921	20.538	ug/l #	87
50) 1,1,2-Trichloroethane	11.018	97	43519	19.604	ug/l	95
51) Ethyl methacrylate	10.882	69	64051	20.585	ug/l	74
52) 1,3-Dichloropropane	11.171	76	75808	19.888	ug/l	100
53) Dibromochloromethane	11.365	129	46884	20.236	ug/l	97
54) 1,2-Dibromoethane	11.477	107	44534	20.534	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	119339	103.997	ug/l	98
56) Bromoform	12.582	173	29154	20.101	ug/l	96
58) 4-Methyl-2-Pentanone	10.882	43	3905	1.213	ug/l	94
59) 2-Hexanone	11.200	43	209102	93.465	ug/l	92
61) Tetrachloroethene	11.106	164	39440	20.582	ug/l	96
62) Toluene	10.635	91	199647	20.246	ug/l	99
64) Chlorobenzene	11.894	112	112970	19.569	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.971	131	44808	20.146	ug/l	98
66) Ethyl Benzene	11.971	91	205346	20.051	ug/l	100
67) m/p-Xylenes	12.077	106	153571	40.896	ug/l	99
68) o-Xylene	12.406	106	75000	20.066	ug/l	98
69) Styrene	12.418	104	117932	20.649	ug/l	99
70) Isopropylbenzene	12.700	105	180354	19.535	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.947	83	60066	19.199	ug/l	95
72) 1,2,3-Trichloropropane	12.994	75	71137	26.049	ug/l	58
73) Bromobenzene	12.988	156	41242	18.690	ug/l	92
74) n-propylbenzene	13.041	91	204368	20.004	ug/l	99
75) 2-Chlorotoluene	13.129	91	124784	19.607	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	144822	19.750	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	16790	19.587	ug/l	88
78) 4-Chlorotoluene	13.229	91	118592	20.086	ug/l	99
79) tert-butylbenzene	13.441	119	121363	20.172	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	141144	20.398	ug/l	99
81) sec-Butylbenzene	13.623	105	162066	20.121	ug/l	98
82) p-Isopropyltoluene	13.735	119	125563	19.902	ug/l	98
83) 1,3-Dichlorobenzene	13.741	146	67395	19.763	ug/l	99
84) 1,4-Dichlorobenzene	13.818	146	66234	20.338	ug/l	99
85) n-Butylbenzene	14.065	91	90063	19.399	ug/l	99
86) Hexachloroethane	14.341	117	23693	17.828	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	67014	19.974	ug/l	93
88) 1,2-Dibromo-3-Chloropr...	14.723	75	8249	18.563	ug/l	96
89) 1,2,4-Trichlorobenzene	15.394	180	14956	16.106	ug/l	87
90) Hexachlorobutadiene	15.506	225	13129	19.204	ug/l	98
91) Naphthalene	15.647	128	41739	14.374	ug/l	95
92) 1,2,3-Trichlorobenzene	15.847	180	17102	15.702	ug/l	98

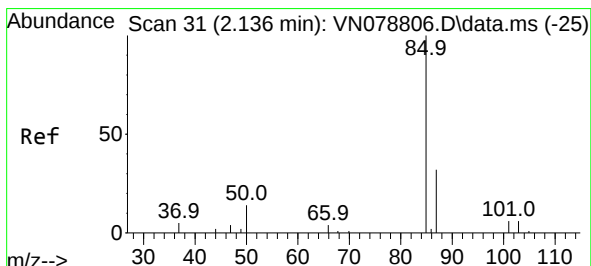
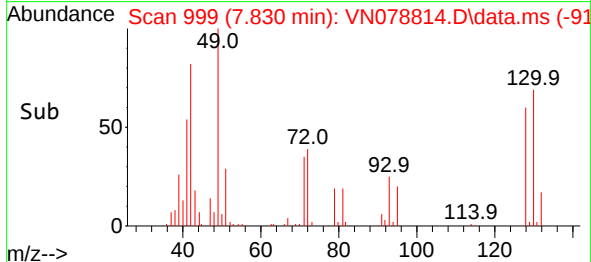
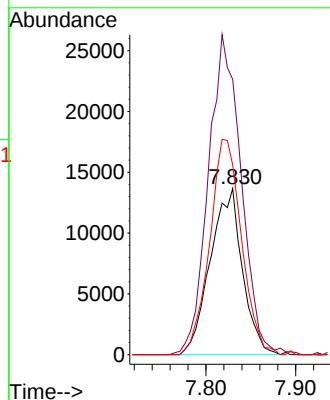
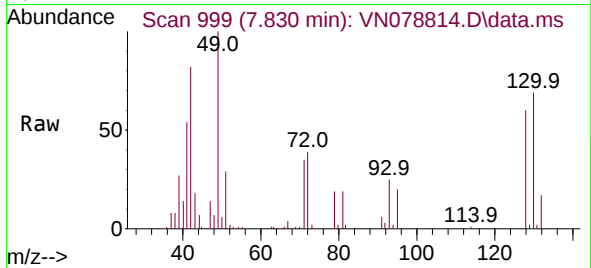
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.830 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

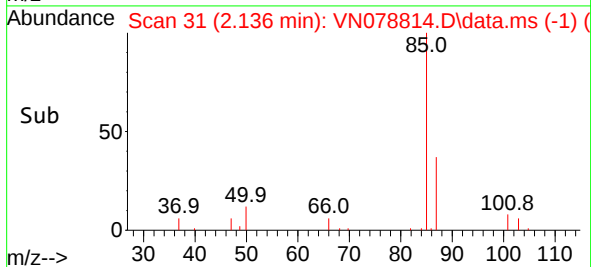
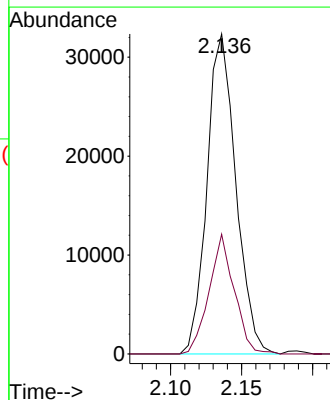
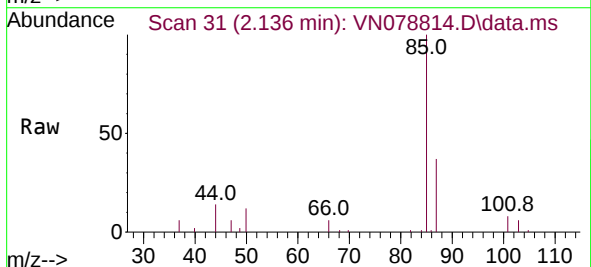
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

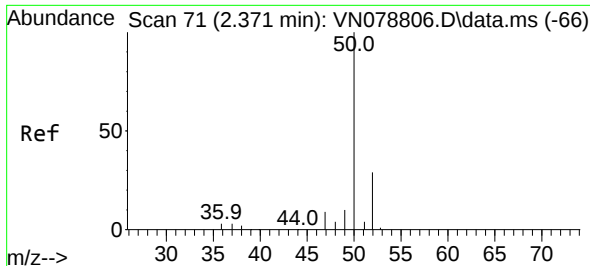
Tgt Ion:128 Resp: 33896
Ion Ratio Lower Upper
128 100
49 196.9 0.0 370.8
130 128.9 0.0 307.0



#2
Dichlorodifluoromethane
Concen: 19.570 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 85 Resp: 45724
Ion Ratio Lower Upper
85 100
87 37.4 16.4 49.4

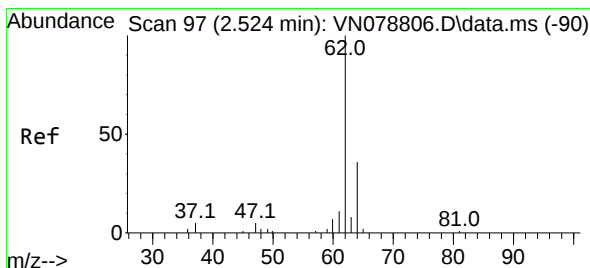
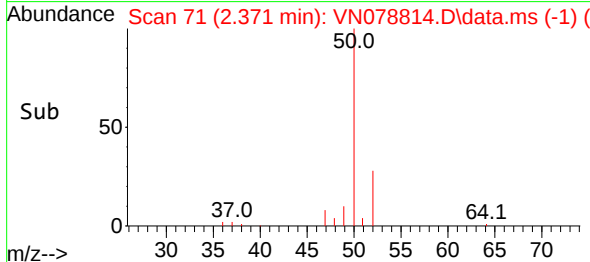
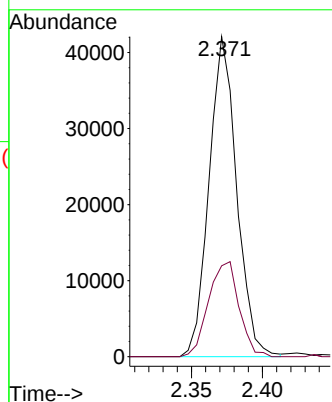
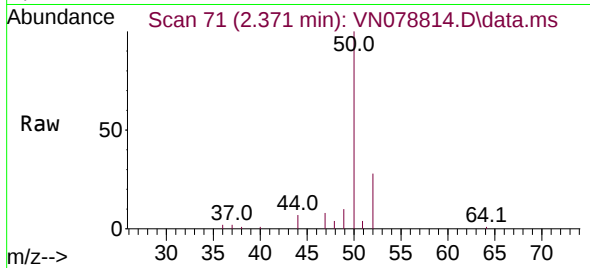




#3
Chloromethane
Concen: 20.464 ug/l
RT: 2.371 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

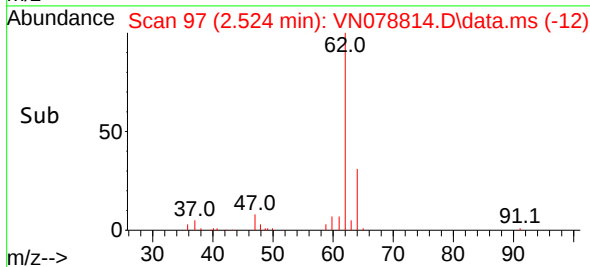
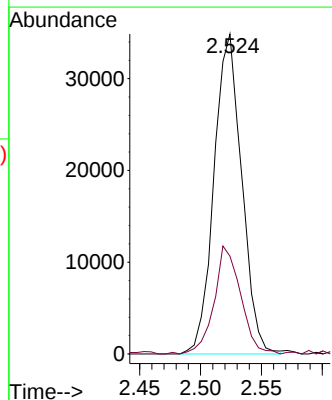
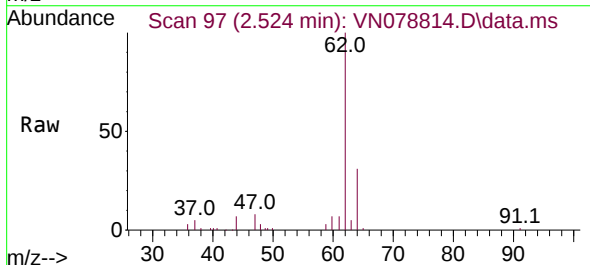
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

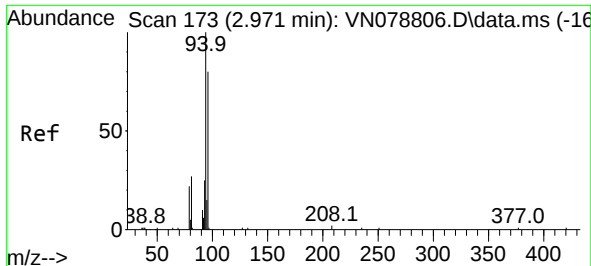
Tgt Ion: 50 Resp: 56936
Ion Ratio Lower Upper
50 100
52 28.4 24.6 36.8



#4
Vinyl Chloride
Concen: 20.876 ug/l
RT: 2.524 min Scan# 97
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 62 Resp: 55269
Ion Ratio Lower Upper
62 100
64 30.6 23.3 34.9

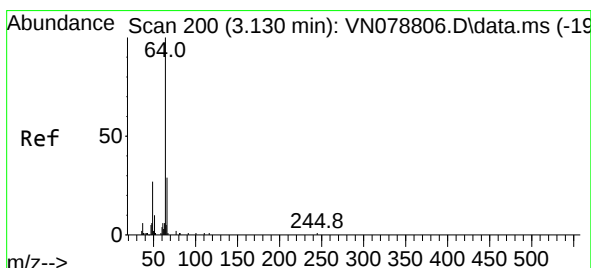
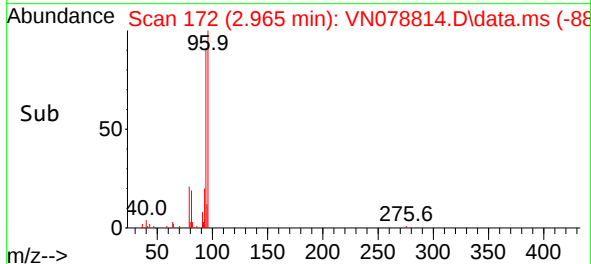
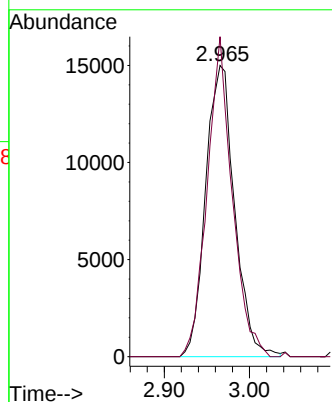
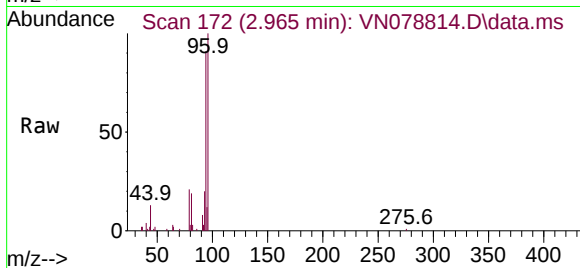




#5
Bromomethane
Concen: 18.399 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

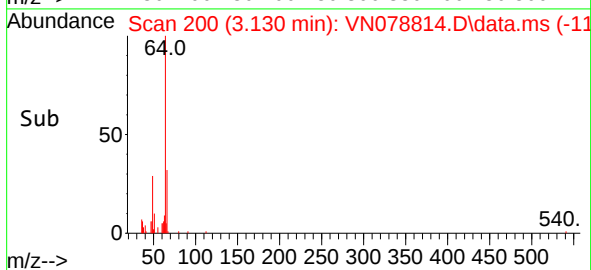
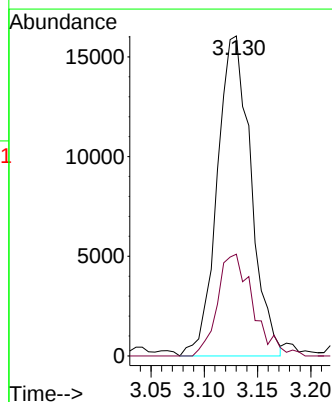
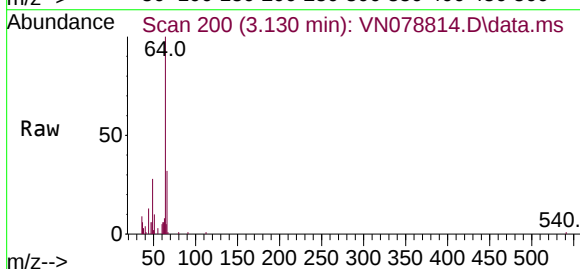
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

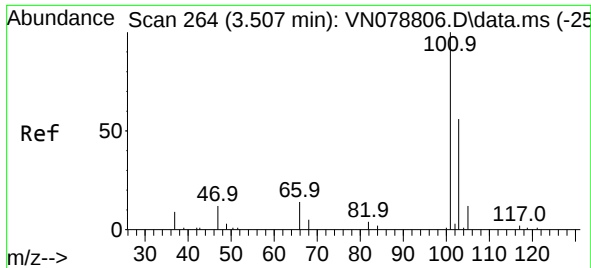
Tgt Ion: 94 Resp: 35434
Ion Ratio Lower Upper
94 100
96 109.9 73.9 110.9



#6
Chloroethane
Concen: 18.771 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 64 Resp: 35301
Ion Ratio Lower Upper
64 100
66 31.8 25.7 38.5

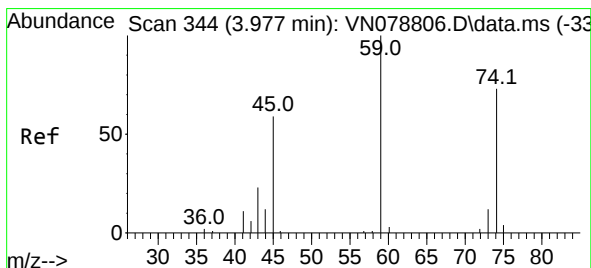
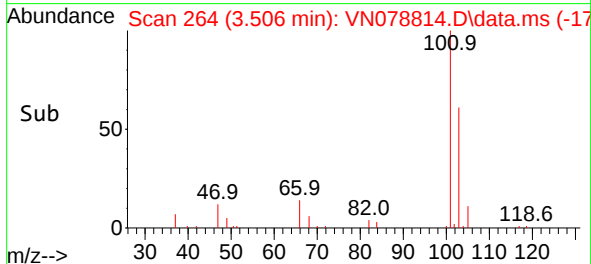
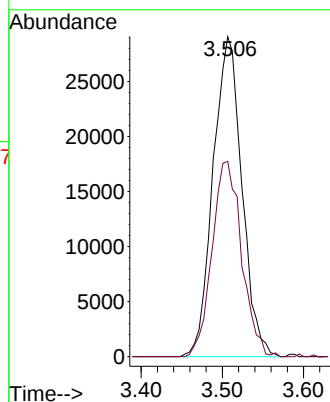
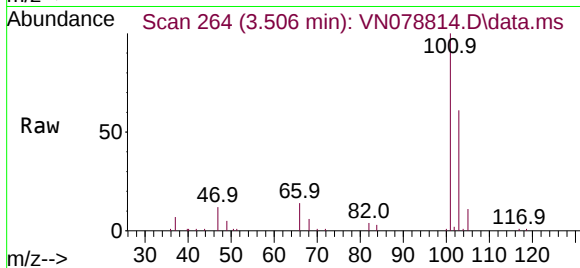




#7
Trichlorofluoromethane
Concen: 19.726 ug/l
RT: 3.506 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

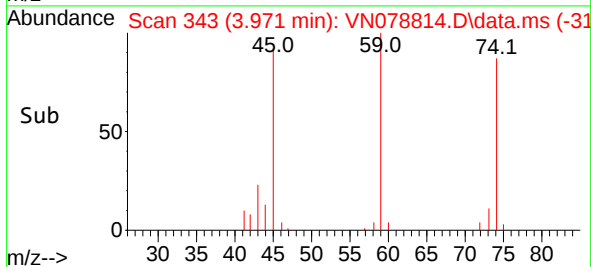
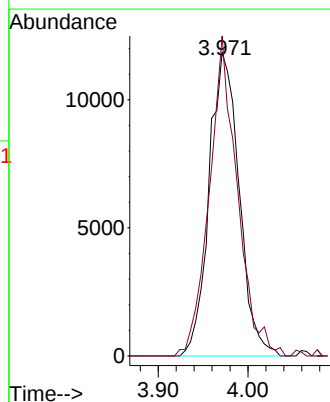
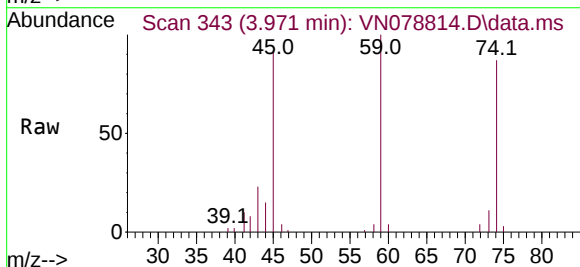
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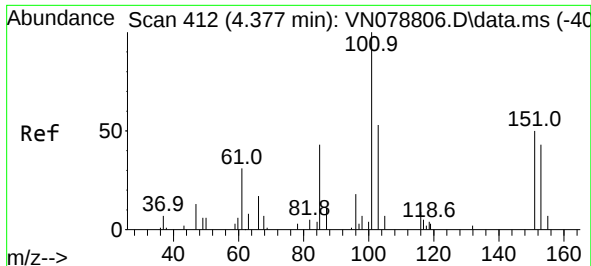
Tgt Ion:101 Resp: 71676
Ion Ratio Lower Upper
101 100
103 61.1 50.4 75.6



#8
Diethyl Ether
Concen: 21.278 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.006 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 74 Resp: 27493
Ion Ratio Lower Upper
74 100
45 96.2 16.3 146.5

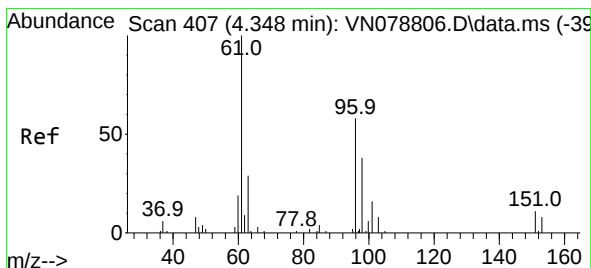
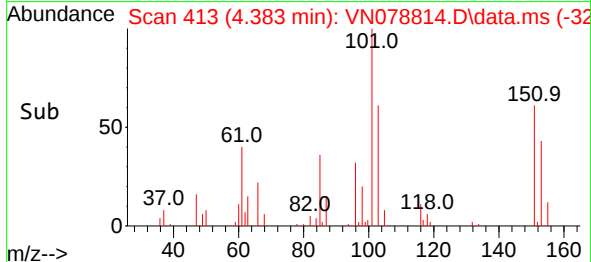
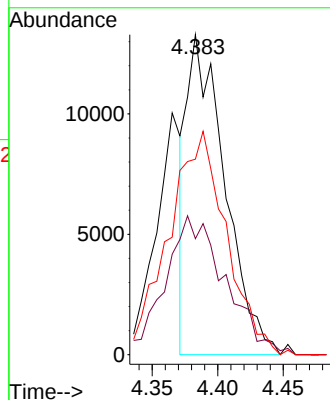
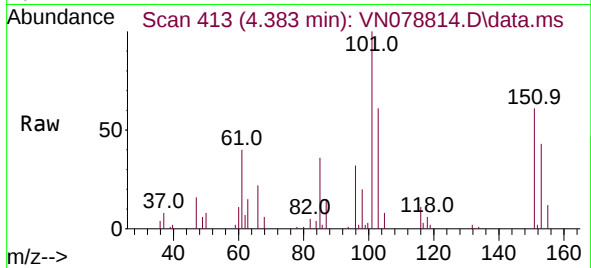




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 13.715 ug/l
 RT: 4.383 min Scan# 412
 Delta R.T. 0.006 min
 Lab File: VN078814.D
 Acq: 09 Aug 2023 12:30

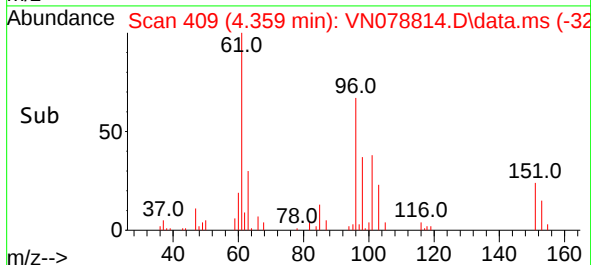
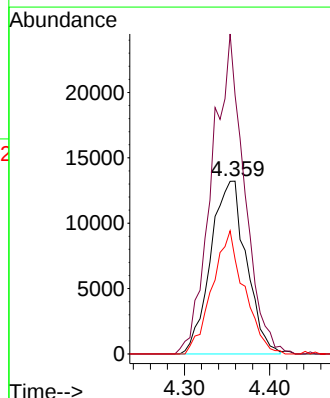
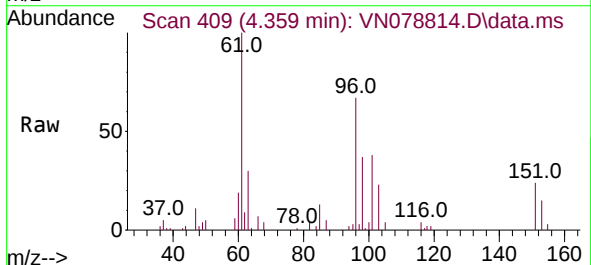
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBSD01

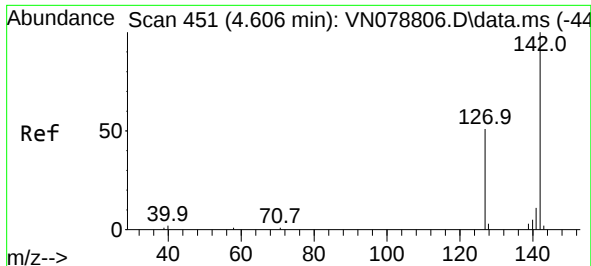
Tgt Ion:101 Resp: 26735
 Ion Ratio Lower Upper
 101 100
 85 33.4 0.0 89.2
 151 61.4 0.0 148.8



#10
 1,1-Dichloroethene
 Concen: 20.394 ug/l
 RT: 4.359 min Scan# 409
 Delta R.T. 0.012 min
 Lab File: VN078814.D
 Acq: 09 Aug 2023 12:30

Tgt Ion: 96 Resp: 38498
 Ion Ratio Lower Upper
 96 100
 61 146.8 123.4 185.2
 98 54.9 53.7 80.5

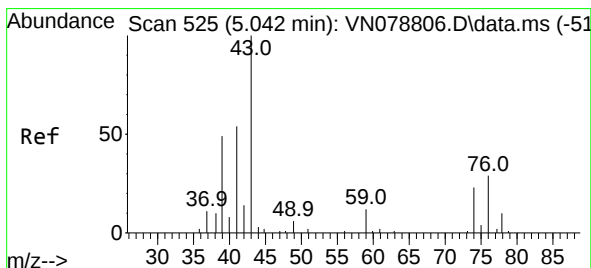
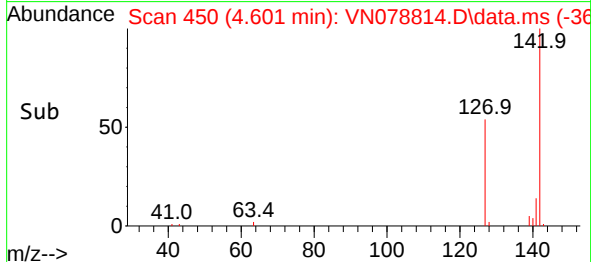
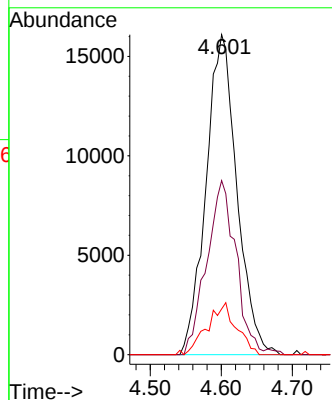
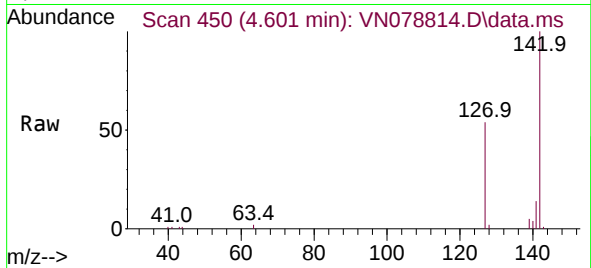




#11
Methyl Iodide
Concen: 19.345 ug/l
RT: 4.601 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

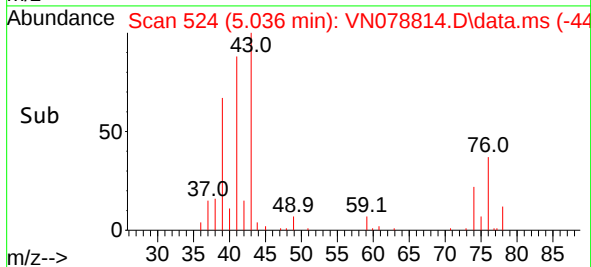
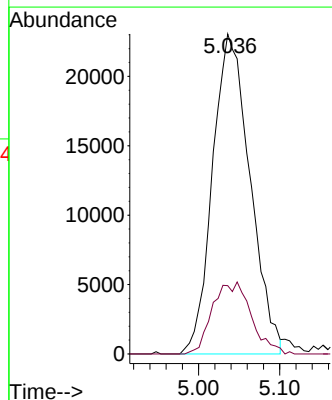
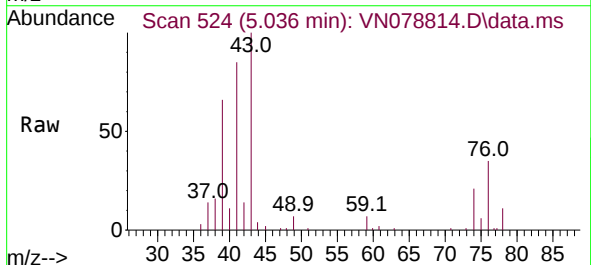
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

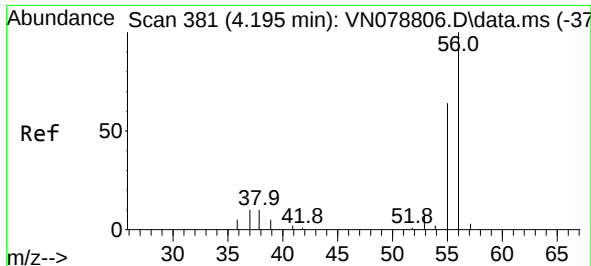
Tgt Ion:142 Resp: 48714
Ion Ratio Lower Upper
142 100
127 53.9 23.2 69.5
141 13.6 7.2 21.7



#12
Methyl Acetate
Concen: 18.005 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 43 Resp: 73874
Ion Ratio Lower Upper
43 100
74 20.9 20.5 30.7

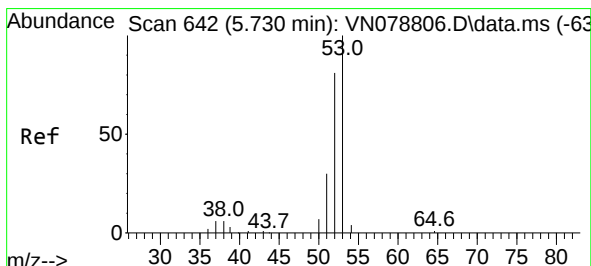
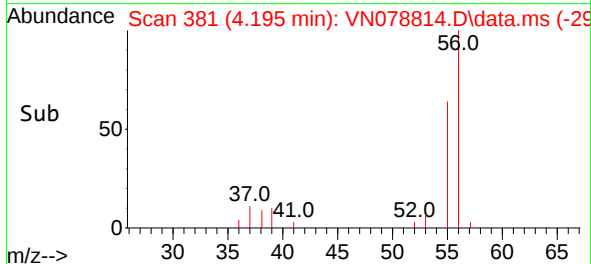
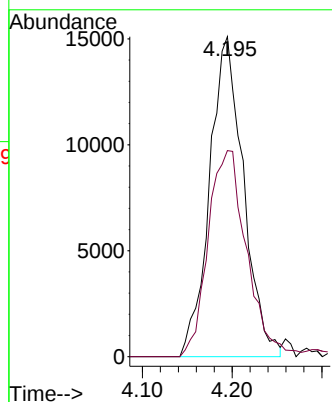
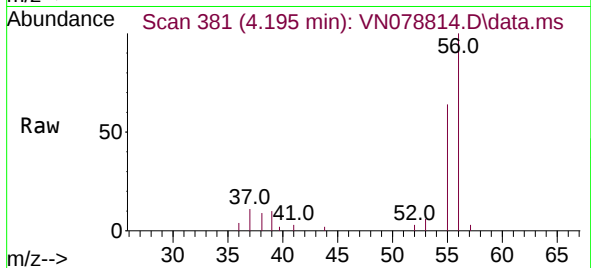




#13
Acrolein
Concen: 91.140 ug/l
RT: 4.195 min Scan# 381
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

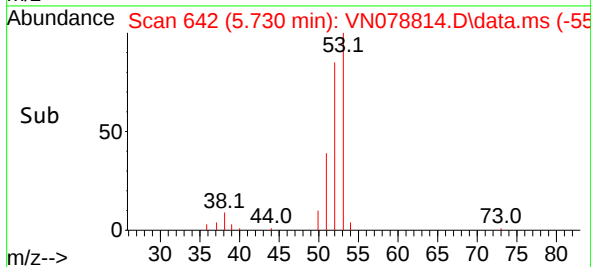
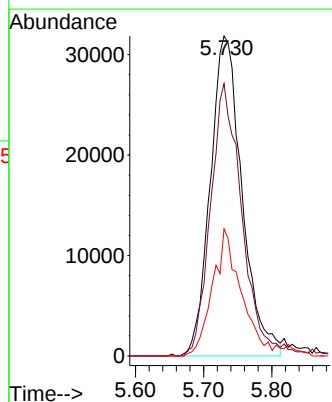
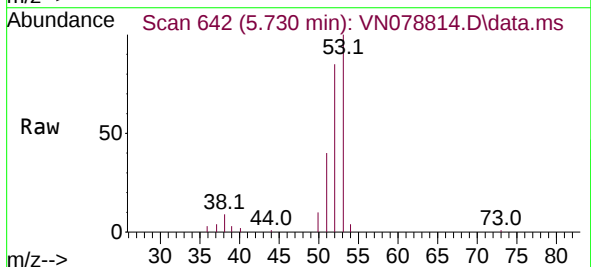
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

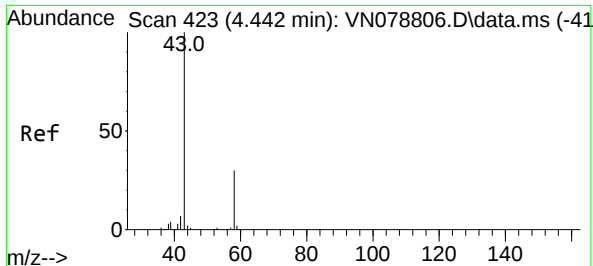
Tgt Ion: 56 Resp: 39607
Ion Ratio Lower Upper
56 100
55 72.7 59.0 88.4



#14
Acrylonitrile
Concen: 95.536 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 53 Resp: 103285
Ion Ratio Lower Upper
53 100
52 82.7 42.3 126.9
51 34.9 18.4 55.4





#15

Acetone

Concen: 110.408 ug/l

RT: 4.442 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN078814.D

Acq: 09 Aug 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

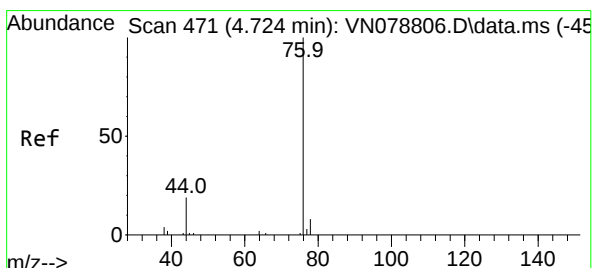
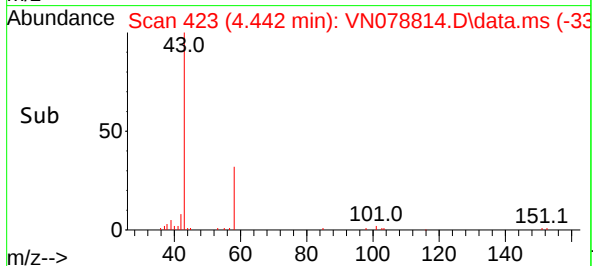
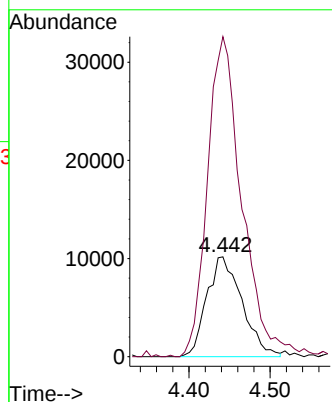
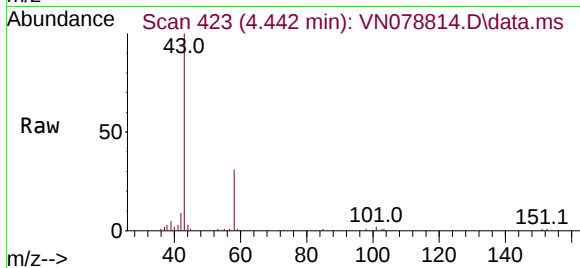
VN0809WBSD01

Tgt Ion: 58 Resp: 30755

Ion Ratio Lower Upper

58 100

43 320.3 227.5 341.3



#16

Carbon Disulfide

Concen: 20.392 ug/l

RT: 4.718 min Scan# 470

Delta R.T. -0.006 min

Lab File: VN078814.D

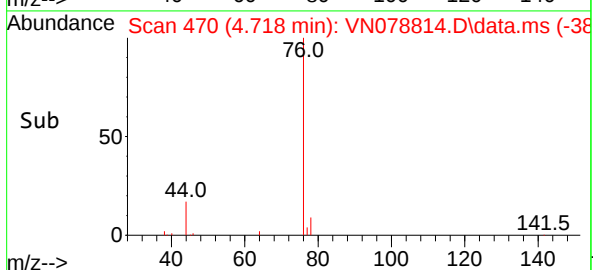
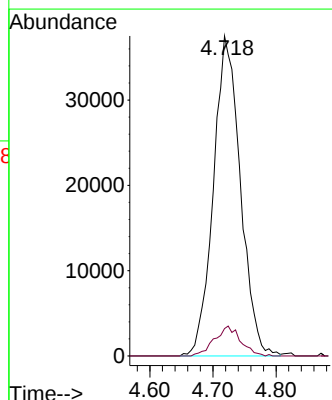
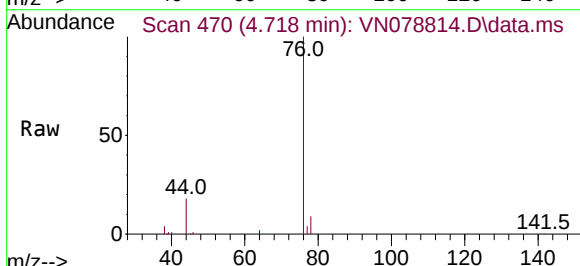
Acq: 09 Aug 2023 12:30

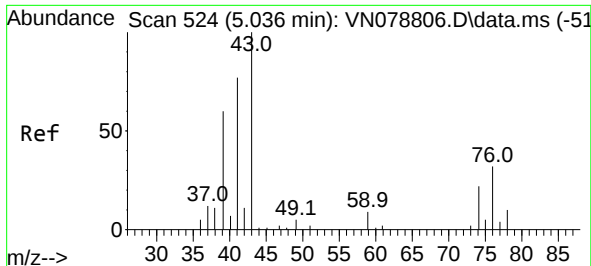
Tgt Ion: 76 Resp: 111434

Ion Ratio Lower Upper

76 100

78 8.6 7.7 11.5





#17

Allyl chloride

Concen: 19.568 ug/l

RT: 5.036 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN078814.D

Acq: 09 Aug 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBSD01

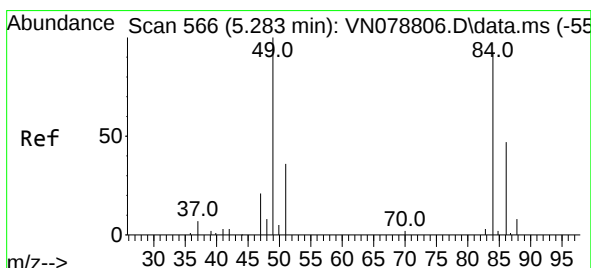
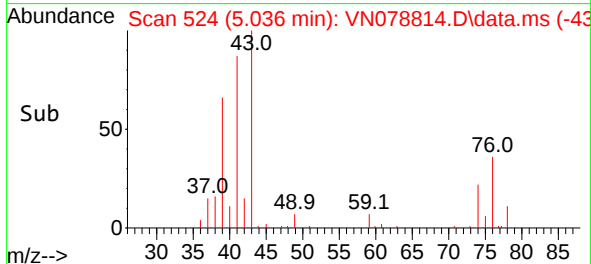
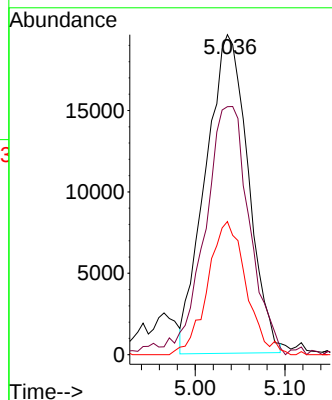
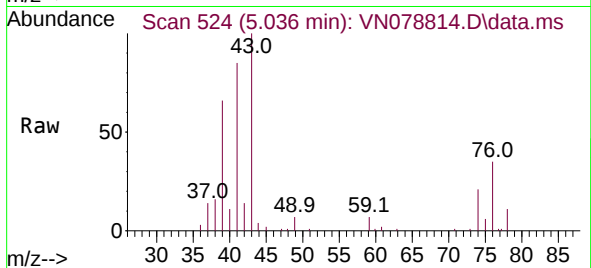
Tgt Ion: 41 Resp: 64569

Ion Ratio Lower Upper

41 100

39 78.0 37.6 112.8

76 41.5 23.8 71.4



#18

Methylene Chloride

Concen: 10.585 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.006 min

Lab File: VN078814.D

Acq: 09 Aug 2023 12:30

Tgt Ion: 84 Resp: 24936

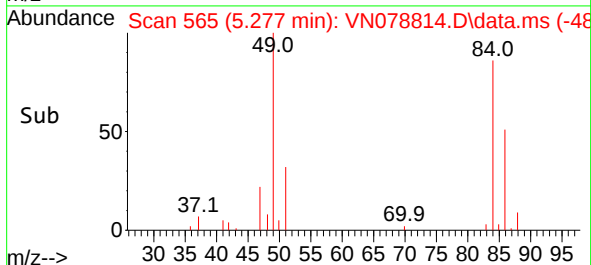
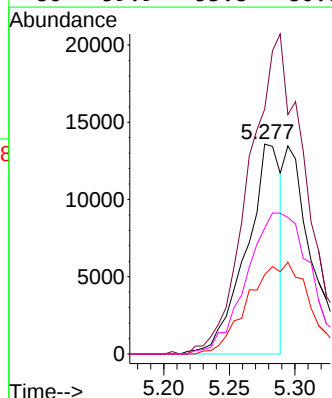
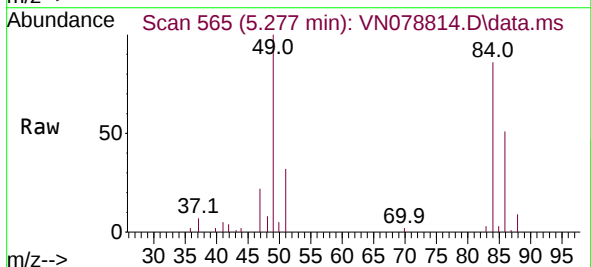
Ion Ratio Lower Upper

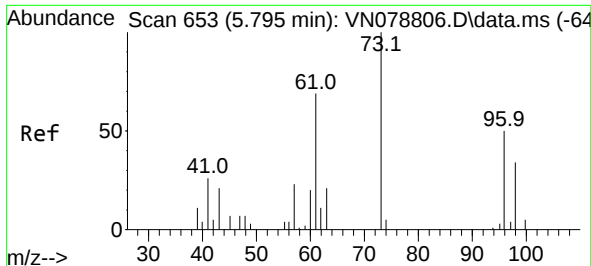
84 100

49 116.6 88.1 132.1

51 37.8 24.0 36.0#

86 59.9 53.8 80.8





#19

trans-1,2-Dichloroethene

Concen: 19.897 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN078814.D

Acq: 09 Aug 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBSD01

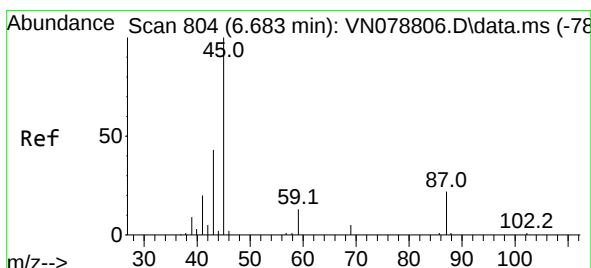
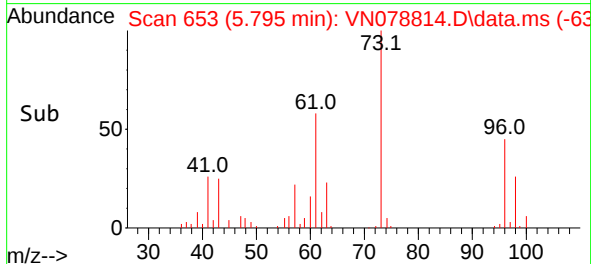
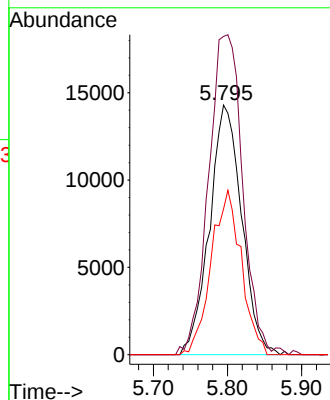
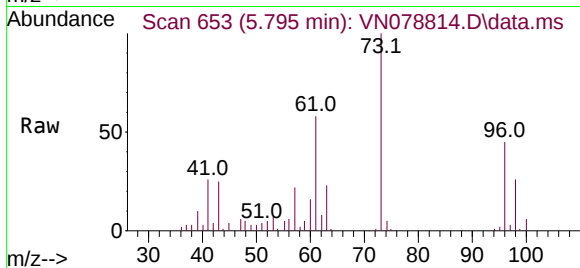
Tgt Ion: 96 Resp: 43125

Ion Ratio Lower Upper

96 100

61 124.9 105.2 157.8

98 58.4 50.5 75.7



#20

Diisopropyl ether

Concen: 19.800 ug/l

RT: 6.677 min Scan# 803

Delta R.T. -0.006 min

Lab File: VN078814.D

Acq: 09 Aug 2023 12:30

Tgt Ion: 45 Resp: 146712

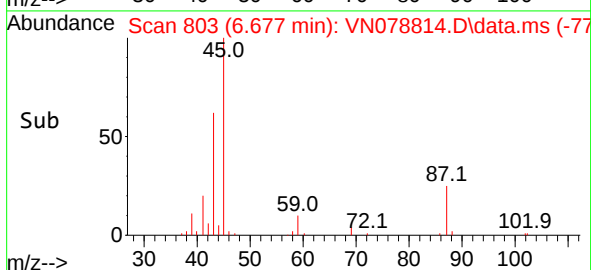
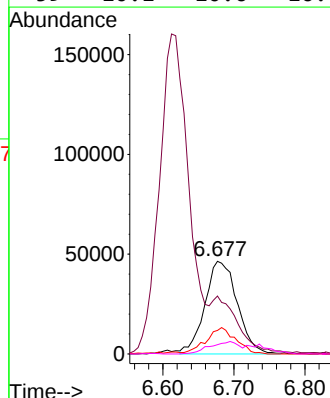
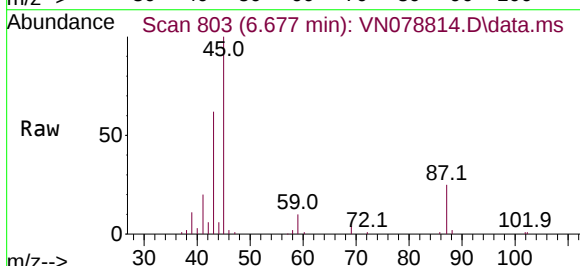
Ion Ratio Lower Upper

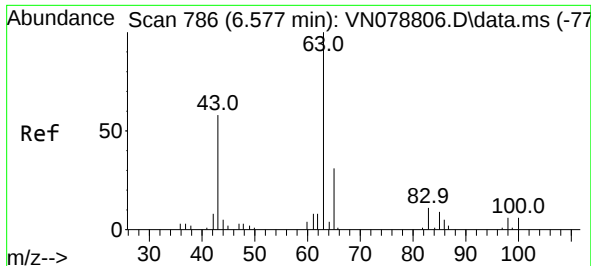
45 100

43 59.5 43.6 65.4

87 25.5 25.8 38.6#

59 10.1 10.6 16.0#

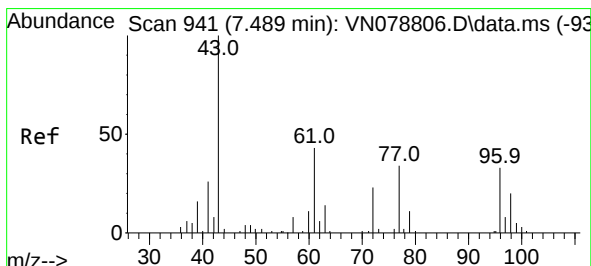
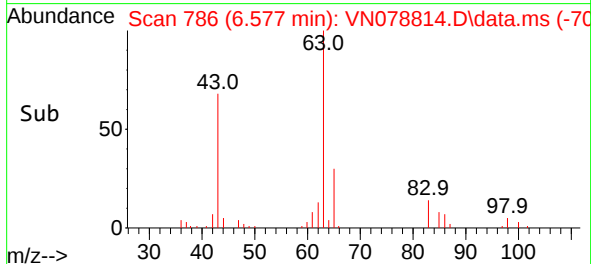
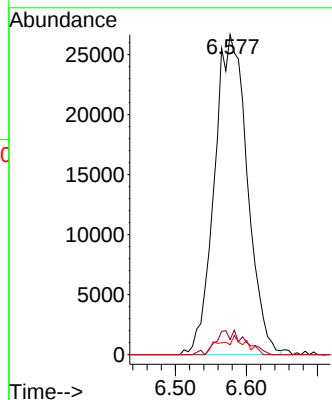
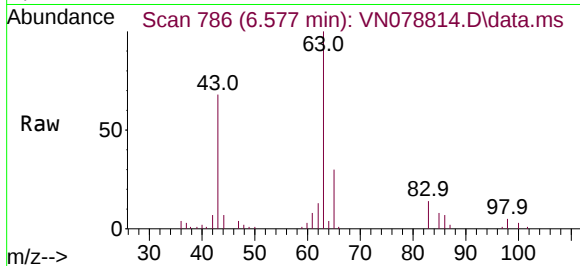




#21
 1,1-Dichloroethane
 Concen: 20.339 ug/l
 RT: 6.577 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN078814.D
 Acq: 09 Aug 2023 12:30

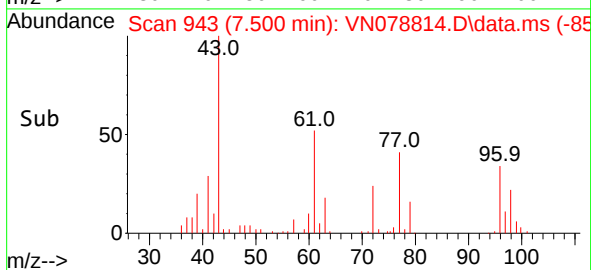
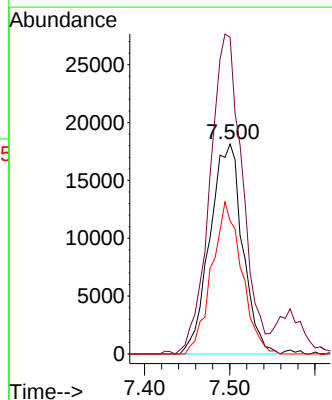
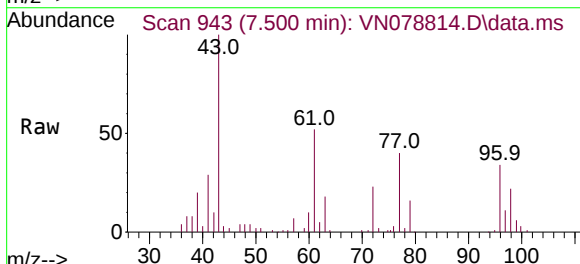
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBSD01

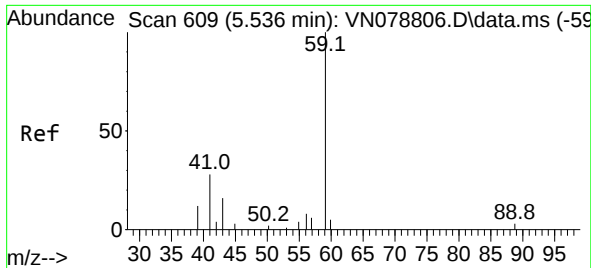
Tgt Ion: 63 Resp: 85922
 Ion Ratio Lower Upper
 63 100
 98 4.7 2.7 8.1
 100 3.1 2.5 7.4



#22
 cis-1,2-Dichloroethene
 Concen: 20.179 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. 0.012 min
 Lab File: VN078814.D
 Acq: 09 Aug 2023 12:30

Tgt Ion: 96 Resp: 48478
 Ion Ratio Lower Upper
 96 100
 61 150.4 113.8 170.6
 98 66.3 52.2 78.4

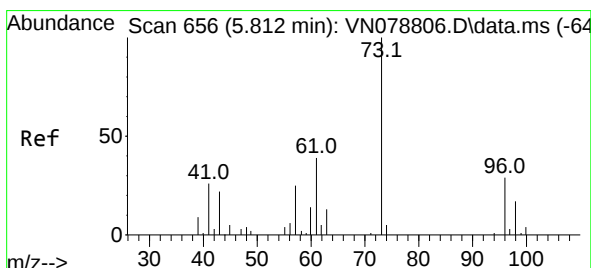
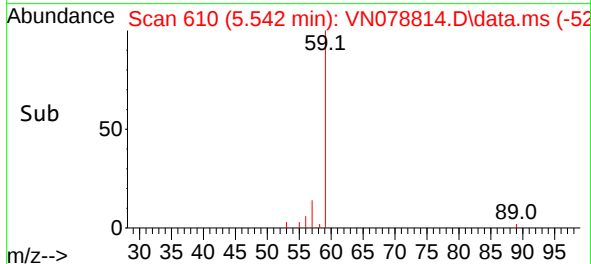
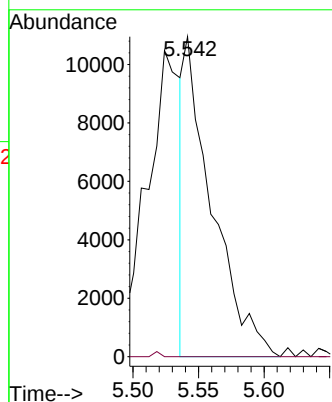
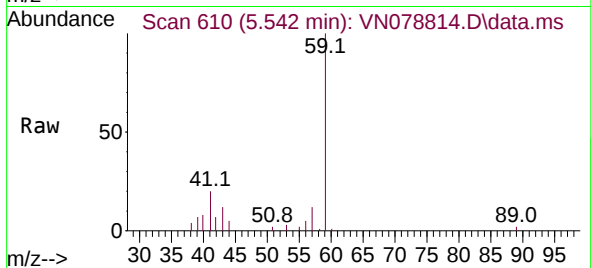




#23
tert-Butyl Alcohol
Concen: 39.945 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

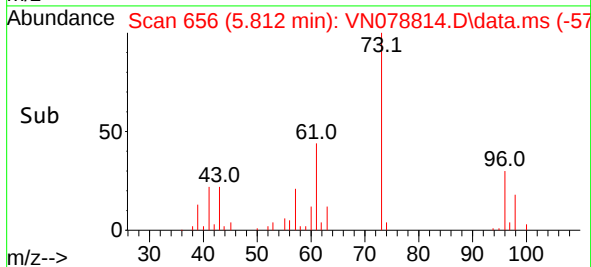
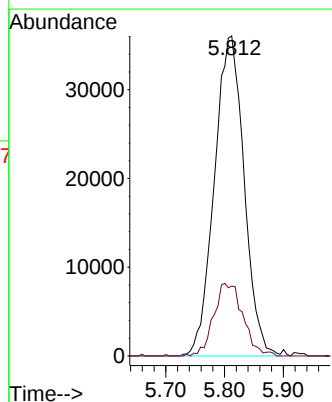
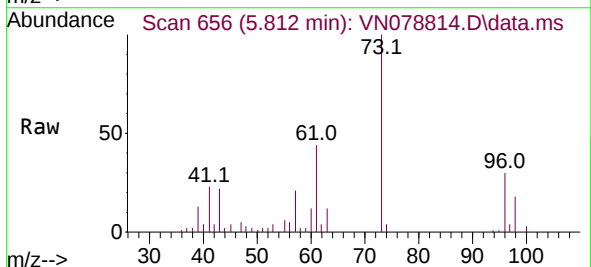
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

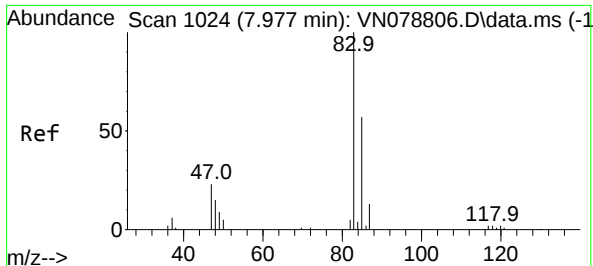
Tgt Ion: 59 Resp: 16047
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 20.072 ug/l
RT: 5.812 min Scan# 656
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 73 Resp: 126822
Ion Ratio Lower Upper
73 100
43 11.9 14.5 21.7#





#25

Chloroform

Concen: 19.810 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078814.D

Acq: 09 Aug 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

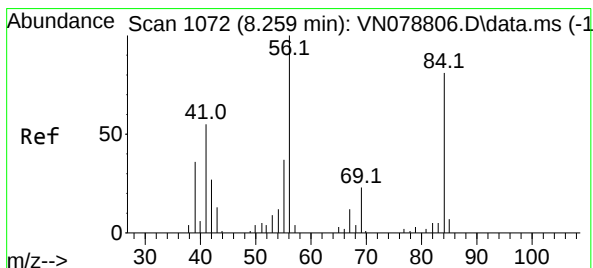
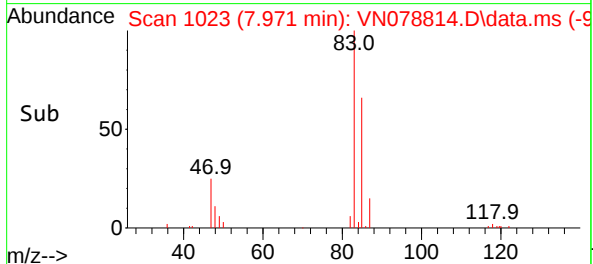
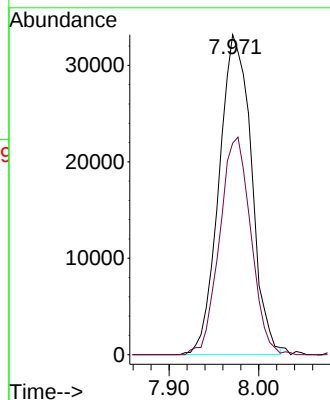
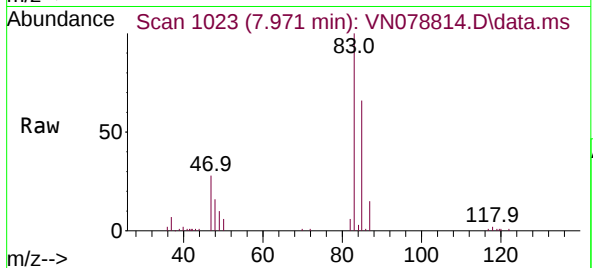
VN0809WBSD01

Tgt Ion: 83 Resp: 83082

Ion Ratio Lower Upper

83 100

85 66.1 53.4 80.0



#26

Cyclohexane

Concen: 19.906 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.006 min

Lab File: VN078814.D

Acq: 09 Aug 2023 12:30

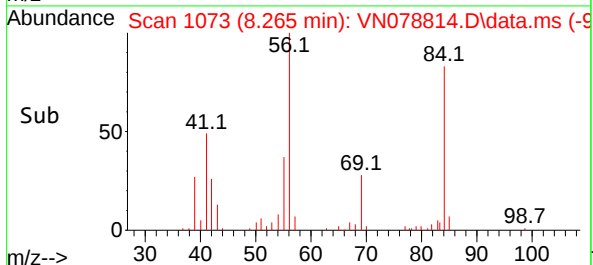
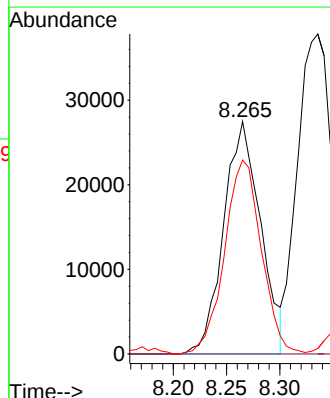
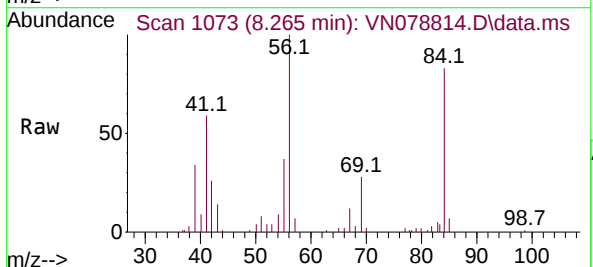
Tgt Ion: 56 Resp: 66236

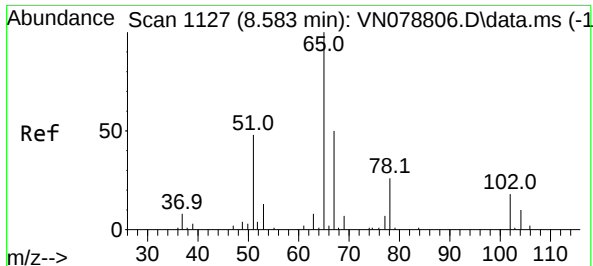
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 83.2 74.2 111.4





#27

1,2-Dichloroethane-d4

Concen: 30.445 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078814.D

Acq: 09 Aug 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

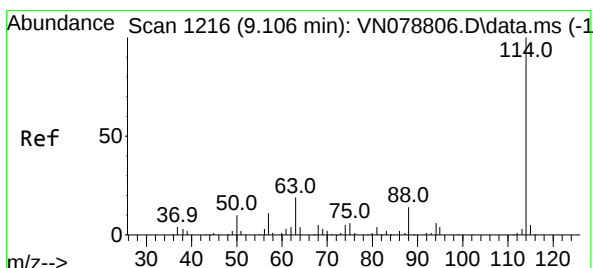
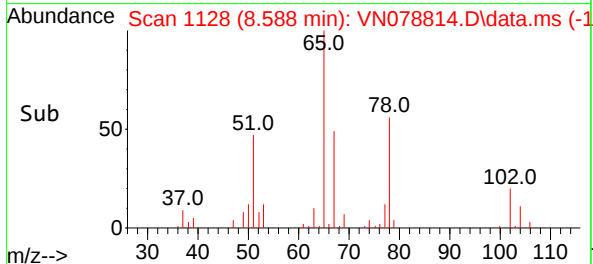
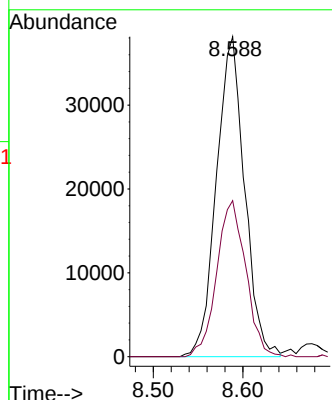
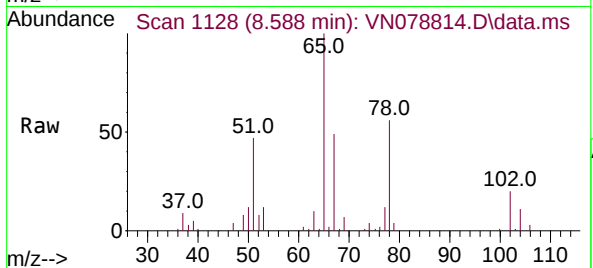
VN0809WBSD01

Tgt Ion: 65 Resp: 83083

Ion Ratio Lower Upper

65 100

67 50.3 42.9 64.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078814.D

Acq: 09 Aug 2023 12:30

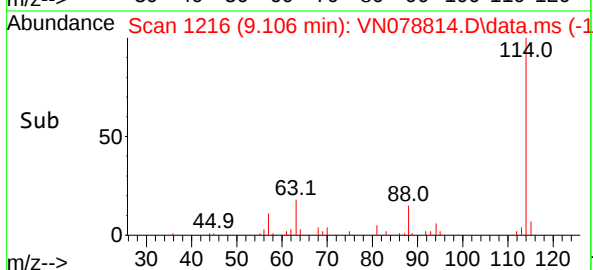
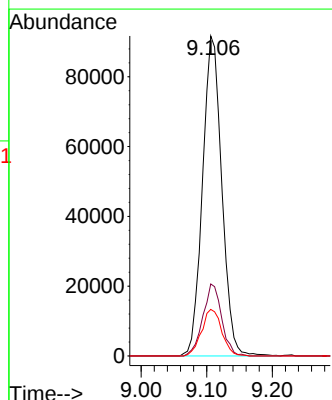
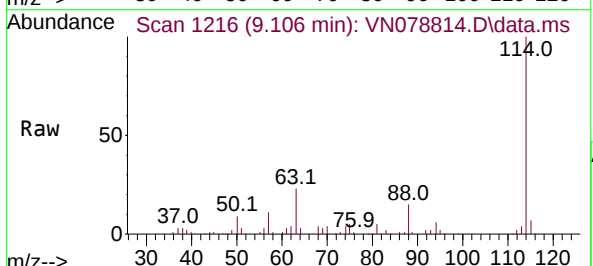
Tgt Ion: 114 Resp: 187586

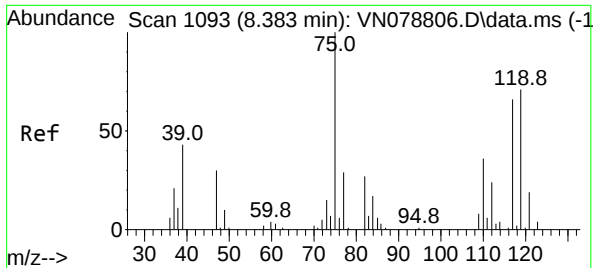
Ion Ratio Lower Upper

114 100

63 21.9 15.2 22.8

88 15.2 12.5 18.7

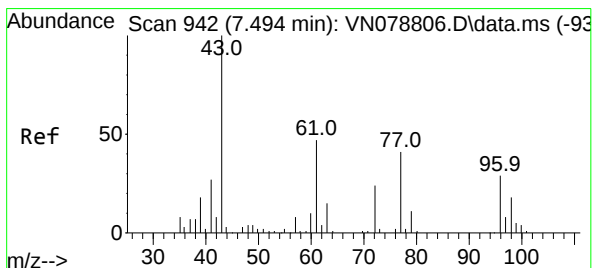
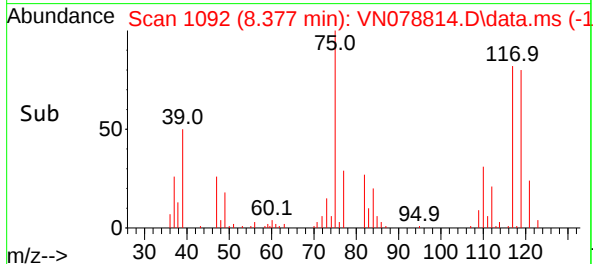
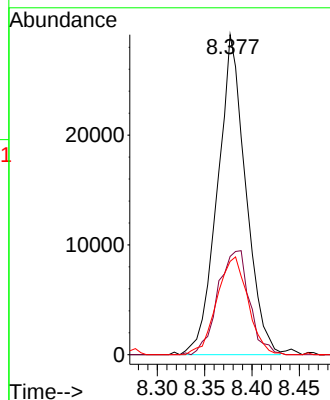
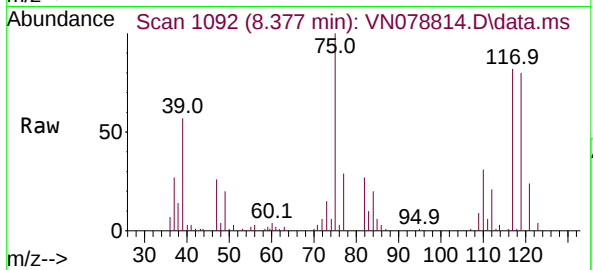




#29
1,1-Dichloropropene
Concen: 19.811 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

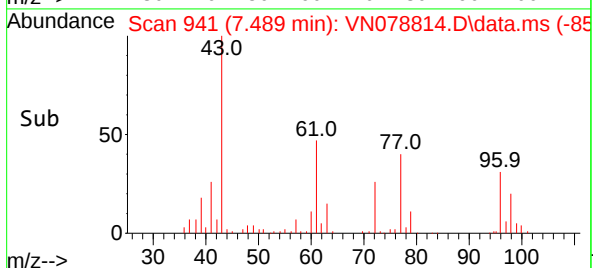
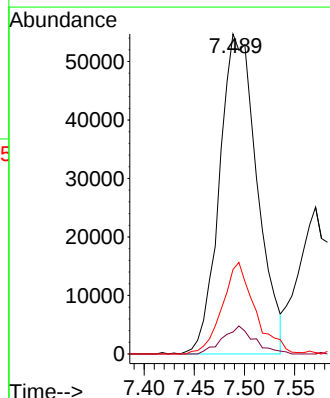
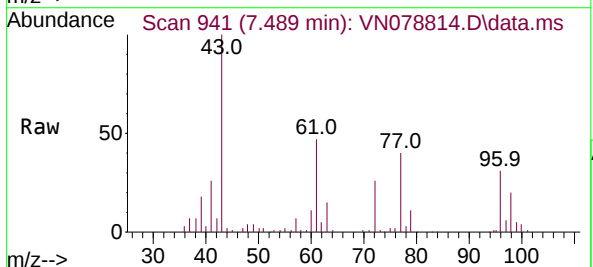
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

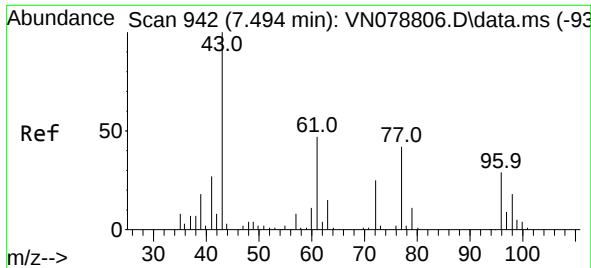
Tgt Ion: 75 Resp: 60376
Ion Ratio Lower Upper
75 100
110 36.3 0.0 72.2
77 33.7 0.0 62.8



#30
2-Butanone
Concen: 95.784 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 43 Resp: 143077
Ion Ratio Lower Upper
43 100
57 7.4 6.8 10.2
72 25.0 23.8 35.6

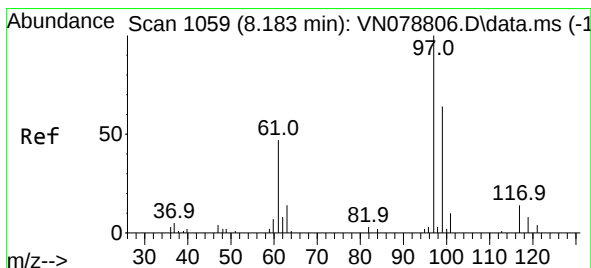
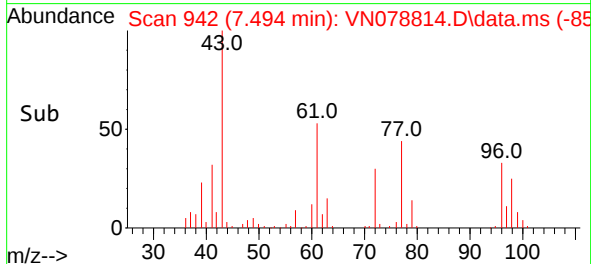
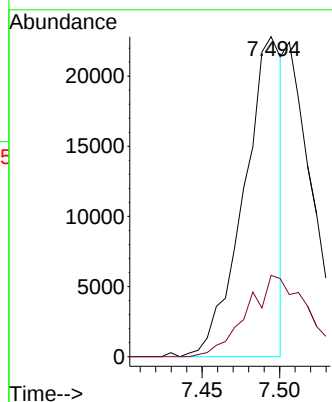
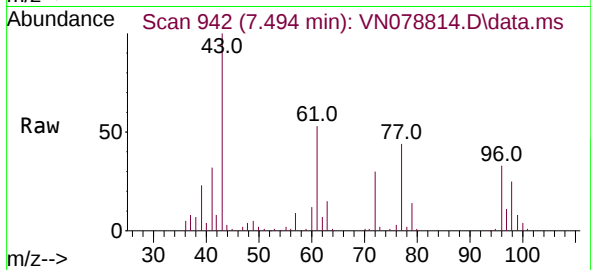




#31
2,2-Dichloropropane
Concen: 12.410 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

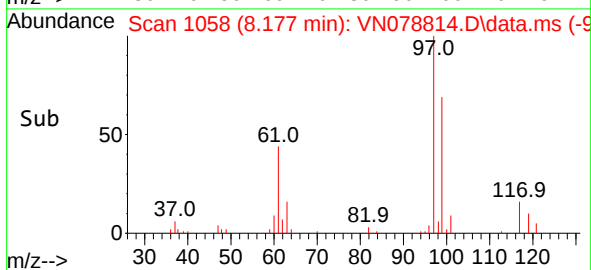
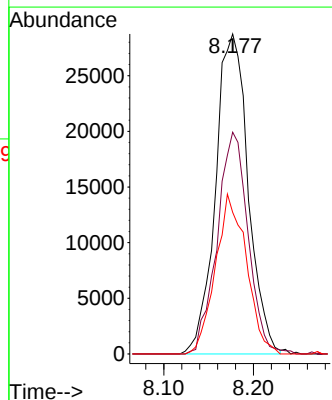
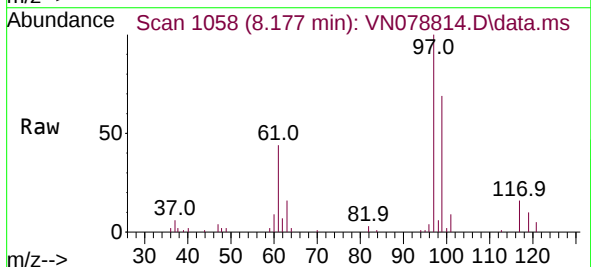
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

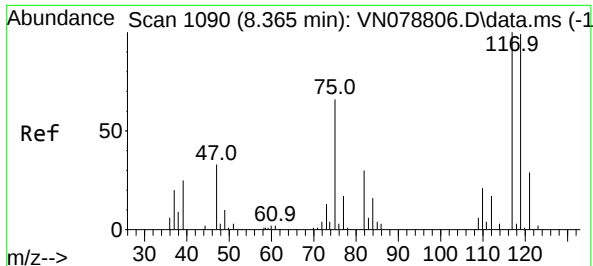
Tgt Ion: 77 Resp: 39000
Ion Ratio Lower Upper
77 100
97 39.9 18.8 28.2#



#32
1,1,1-Trichloroethane
Concen: 20.227 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 97 Resp: 72593
Ion Ratio Lower Upper
97 100
99 65.8 51.3 76.9
61 47.4 34.6 52.0

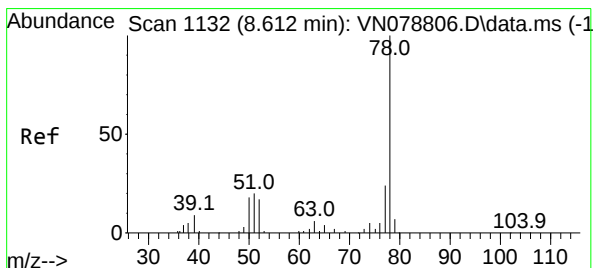
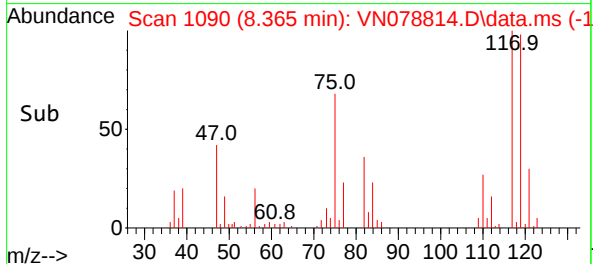
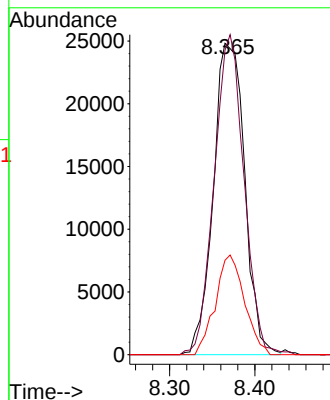
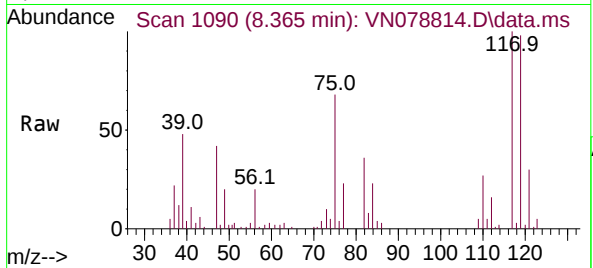




#33
Carbon Tetrachloride
Concen: 20.484 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

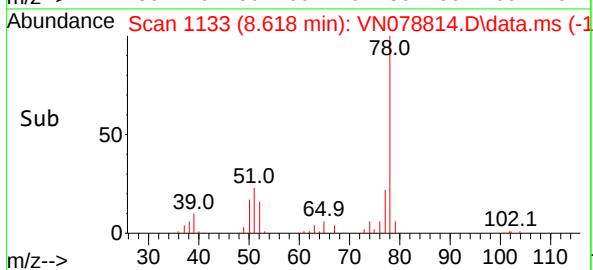
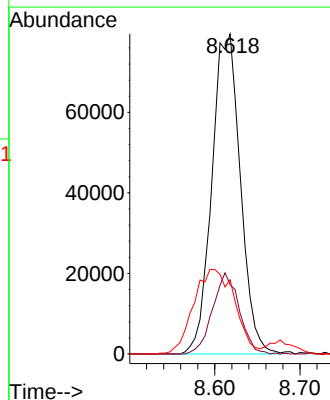
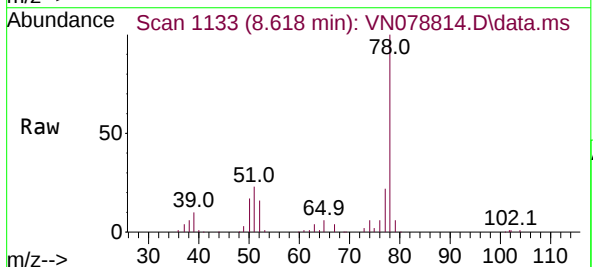
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

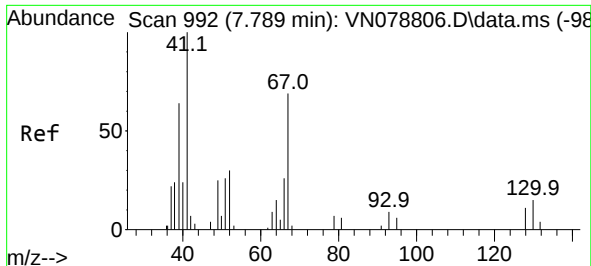
Tgt Ion:117 Resp: 63452
Ion Ratio Lower Upper
117 100
119 97.8 81.4 122.0
121 30.3 23.6 35.4



#34
Benzene
Concen: 19.900 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 78 Resp: 184534
Ion Ratio Lower Upper
78 100
77 21.7 18.3 27.5
51 19.7 13.7 20.5

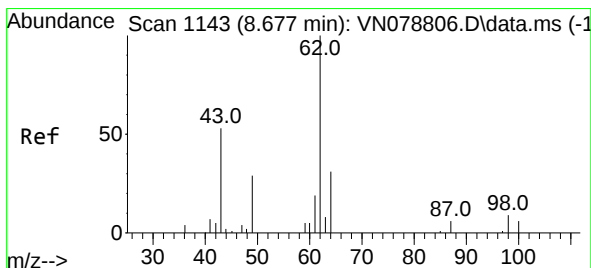
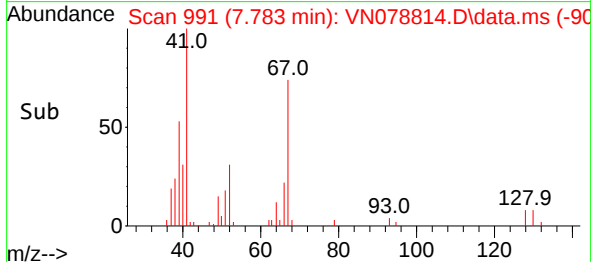
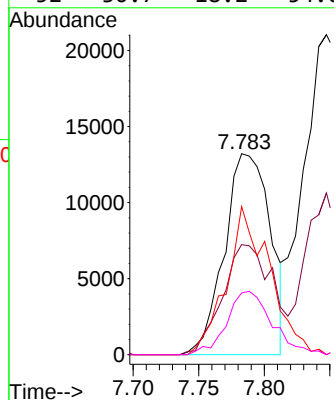
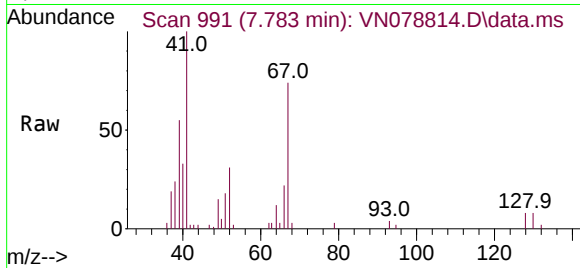




#35
Methacrylonitrile
Concen: 18.408 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

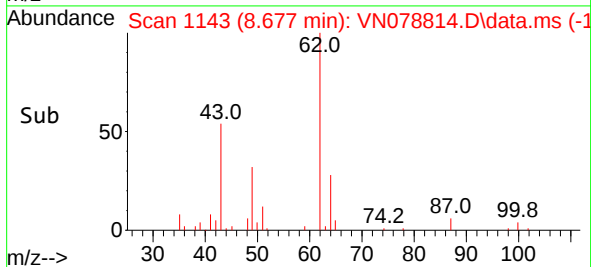
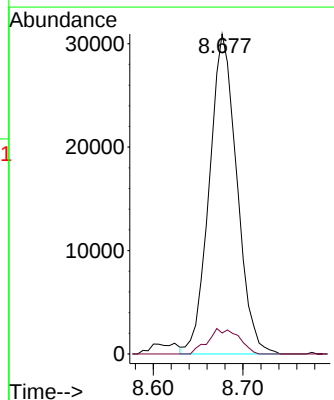
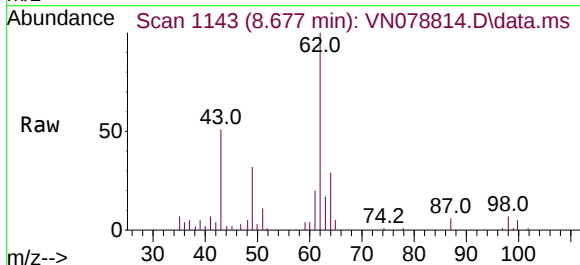
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

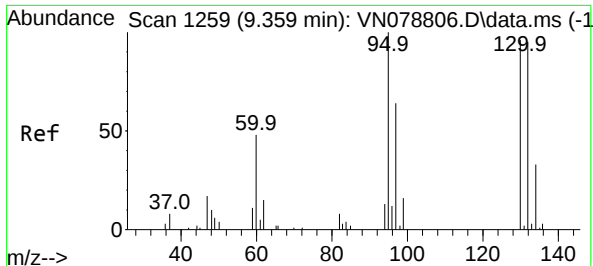
Tgt Ion: 41	Resp: 32288
Ion Ratio	Lower Upper
41 100	
39 54.7	33.9 101.6
67 73.7	45.9 137.6
52 30.7	18.2 54.6



#36
1,2-Dichloroethane
Concen: 20.353 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 62	Resp: 65977
Ion Ratio	Lower Upper
62 100	
98 4.6	7.4 11.0#

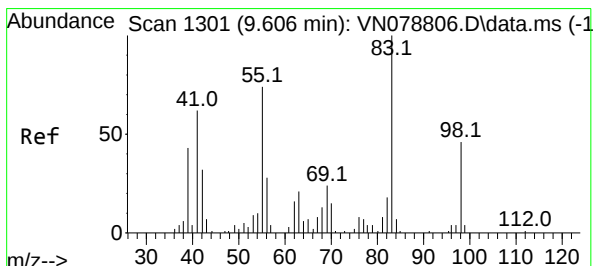
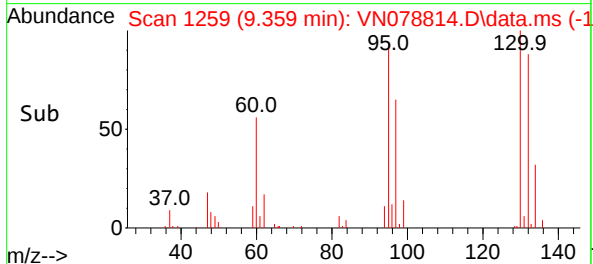
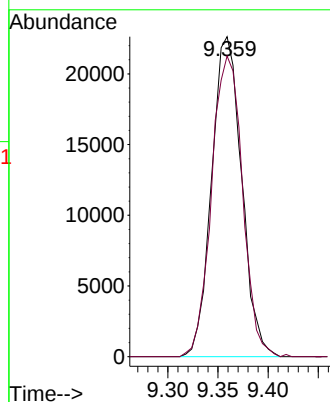
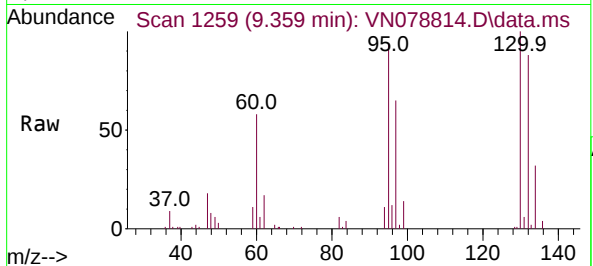




#37
Trichloroethene
Concen: 21.113 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

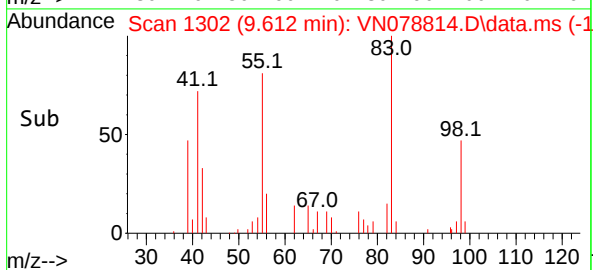
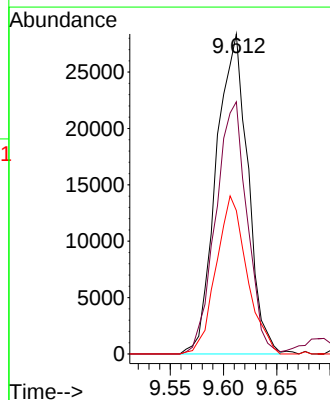
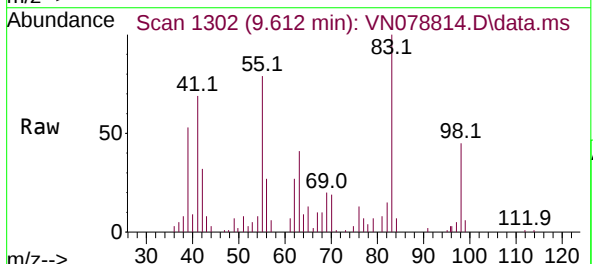
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

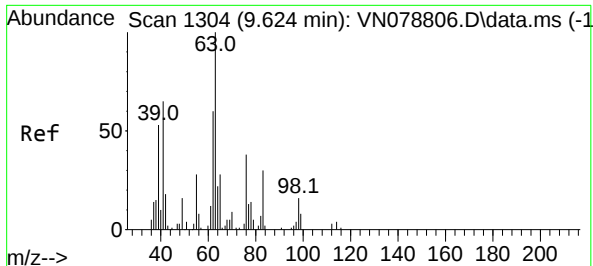
Tgt Ion:130 Resp: 47111
Ion Ratio Lower Upper
130 100
95 94.0 78.2 117.4



#38
Methylcyclohexane
Concen: 20.266 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 83 Resp: 58474
Ion Ratio Lower Upper
83 100
55 78.5 34.0 102.0
98 48.3 23.0 69.0





#39

1,2-Dichloropropane

Concen: 20.206 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078814.D

Acq: 09 Aug 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

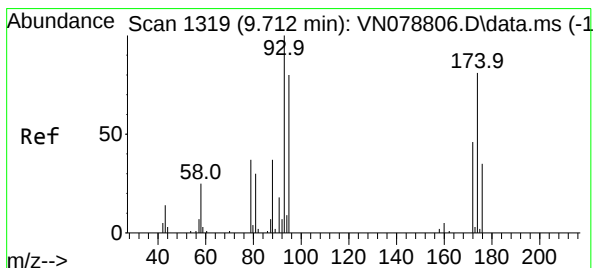
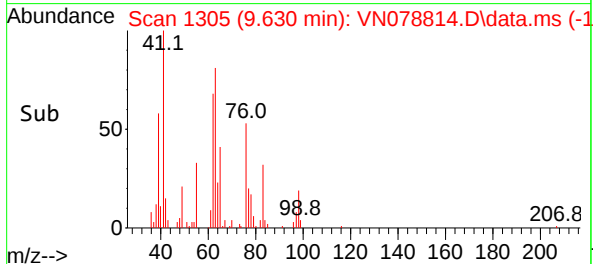
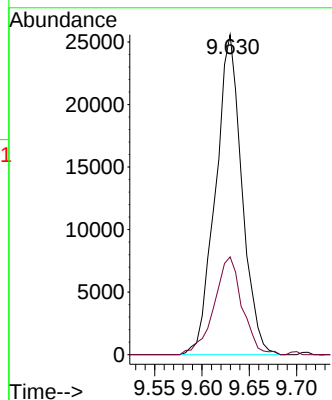
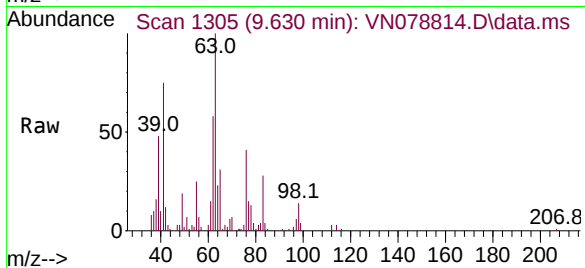
VN0809WBSD01

Tgt Ion: 63 Resp: 49574

Ion Ratio Lower Upper

63 100

65 30.5 27.4 41.2



#40

Dibromomethane

Concen: 20.101 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078814.D

Acq: 09 Aug 2023 12:30

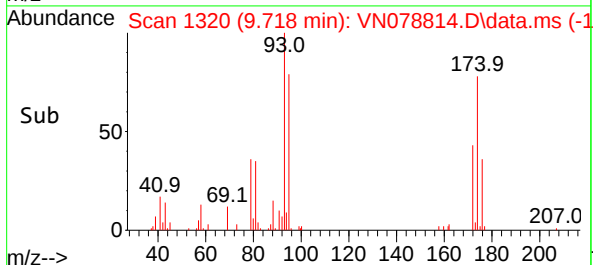
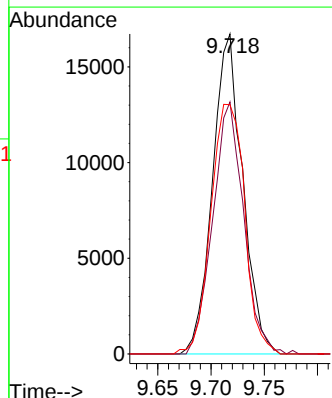
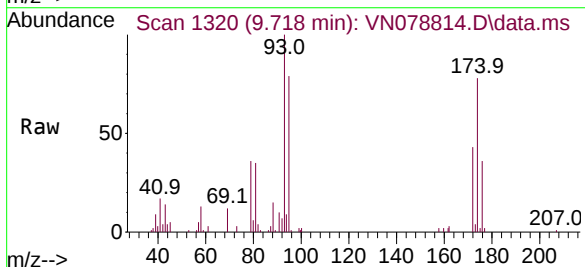
Tgt Ion: 93 Resp: 32838

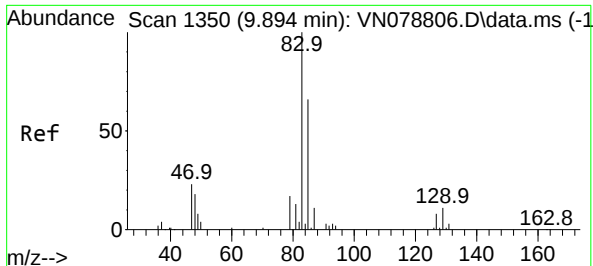
Ion Ratio Lower Upper

93 100

95 80.5 0.0 167.8

174 87.5 0.0 180.8

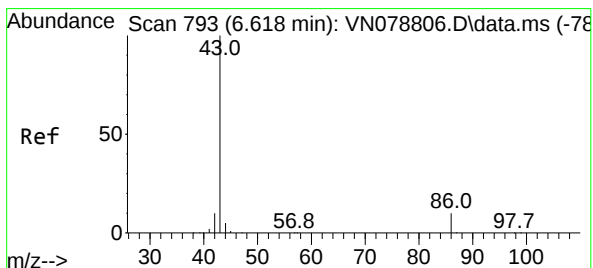
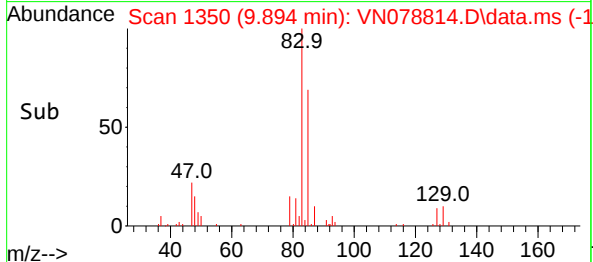
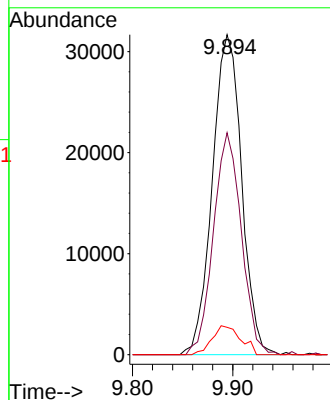
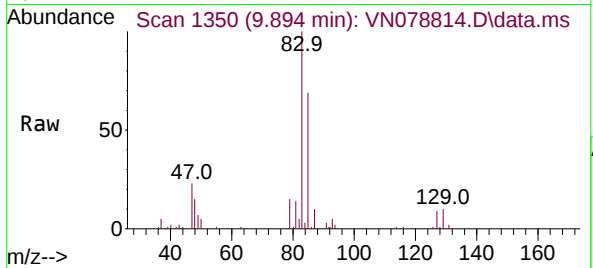




#41
Bromodichloromethane
Concen: 19.480 ug/l
RT: 9.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

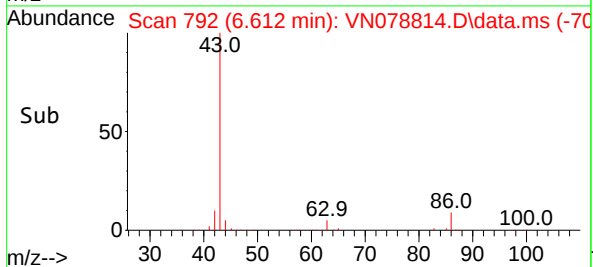
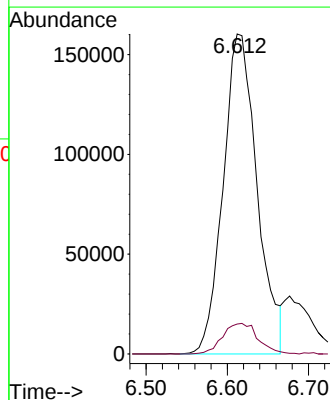
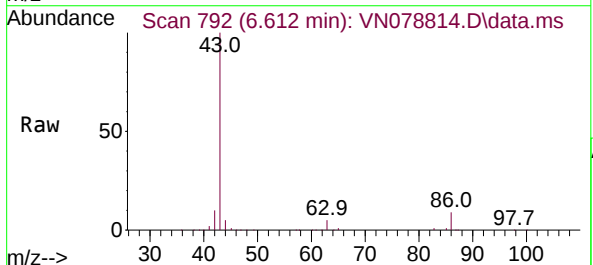
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

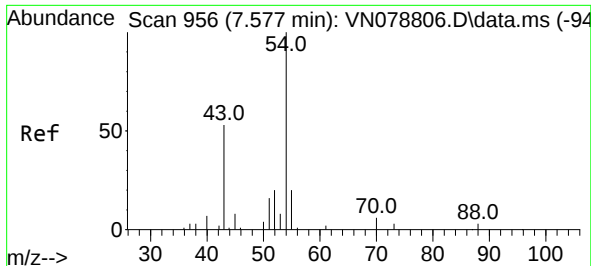
Tgt Ion: 83 Resp: 64126
Ion Ratio Lower Upper
83 100
85 69.3 54.1 81.1
127 8.6 7.8 11.6



#42
Vinyl Acetate
Concen: 99.074 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.006 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 43 Resp: 465700
Ion Ratio Lower Upper
43 100
86 10.0 9.4 14.0





#43

Ethyl Acetate

Concen: 19.487 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN078814.D

Acq: 09 Aug 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

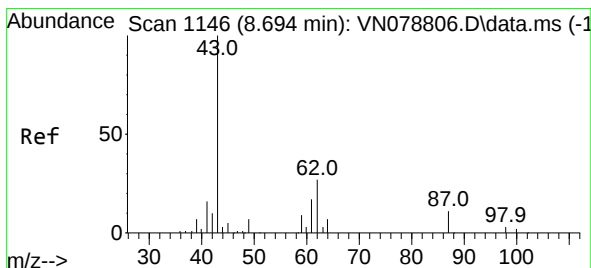
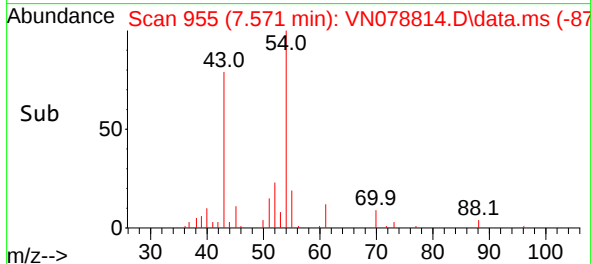
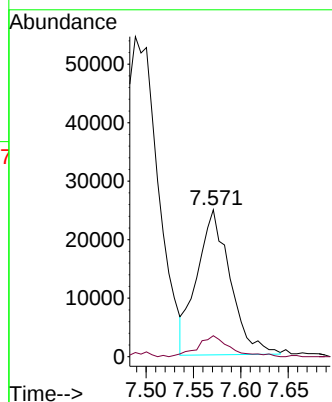
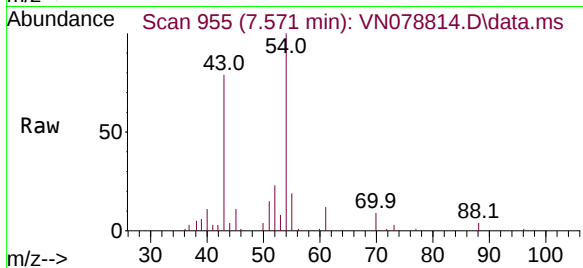
VN0809WBSD01

Tgt Ion: 43 Resp: 60426

Ion Ratio Lower Upper

43 100

45 13.5 10.9 16.3



#44

Isopropyl Acetate

Concen: 18.420 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN078814.D

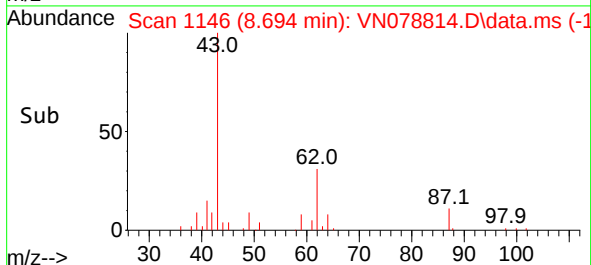
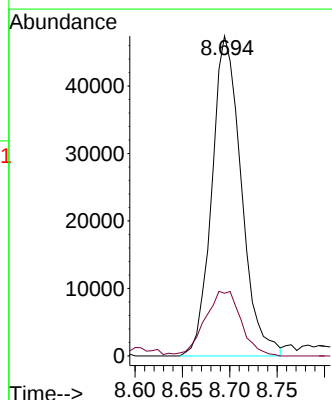
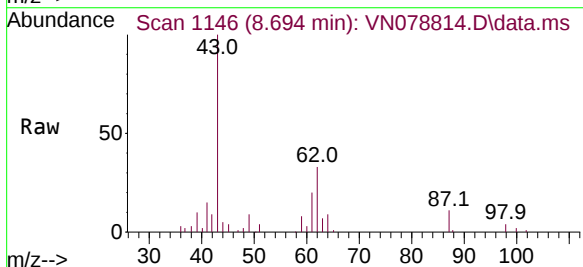
Acq: 09 Aug 2023 12:30

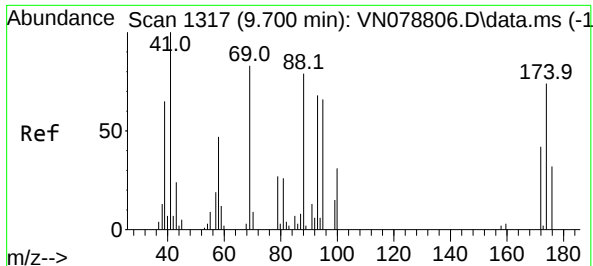
Tgt Ion: 43 Resp: 102566

Ion Ratio Lower Upper

43 100

61 24.8 23.0 34.6

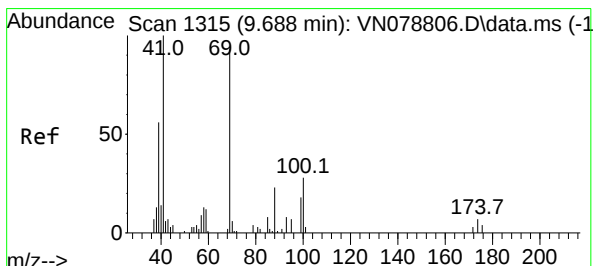
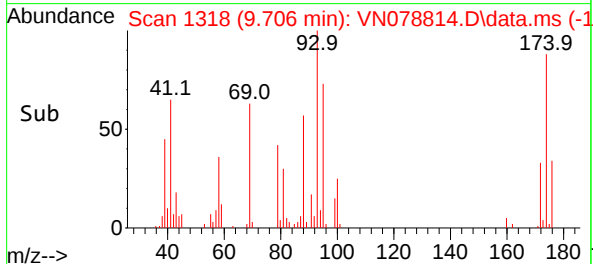
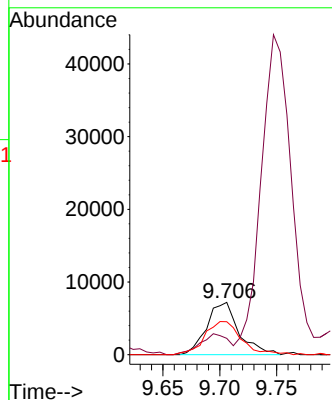
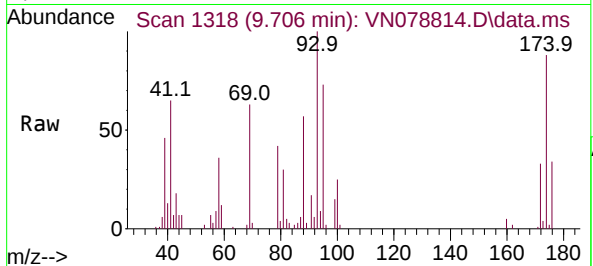




#45
1,4-Dioxane
Concen: 379.342 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

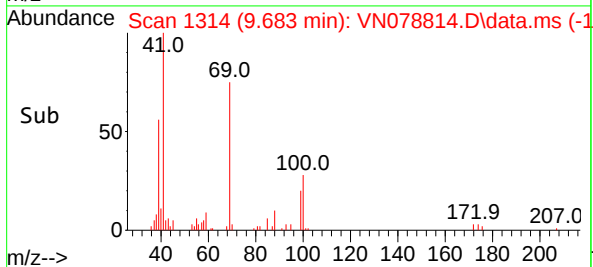
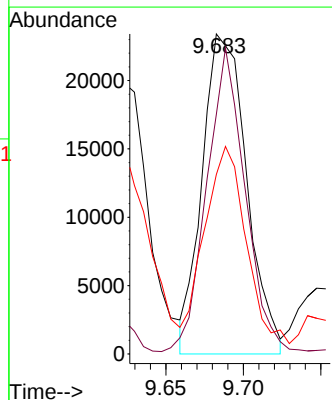
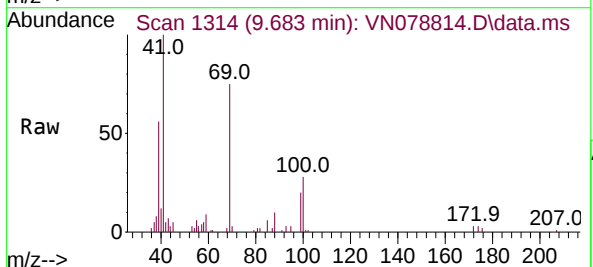
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

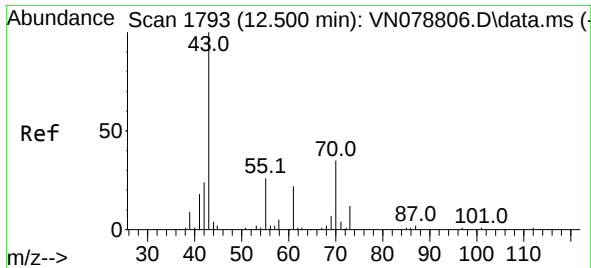
Tgt Ion: 88 Resp: 14171
Ion Ratio Lower Upper
88 100
43 35.5 19.0 28.6#
58 68.4 48.2 72.2



#46
Methyl methacrylate
Concen: 19.794 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 41 Resp: 46671
Ion Ratio Lower Upper
41 100
69 74.6 49.0 147.0
39 51.0 31.6 94.8

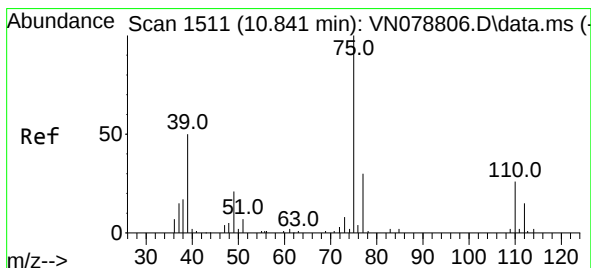
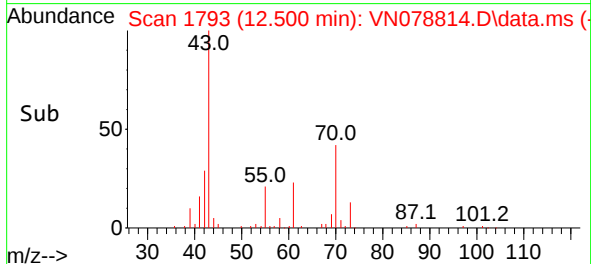
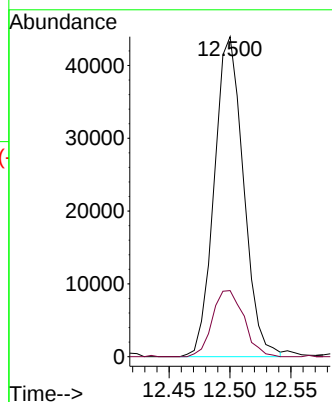
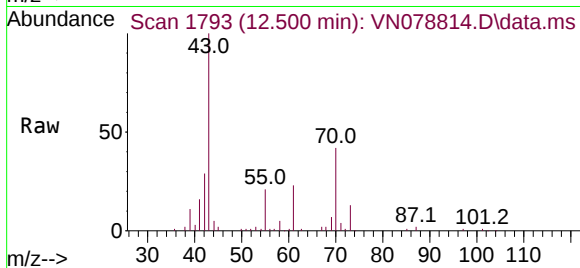




#47
n-amyl acetate
Concen: 18.878 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

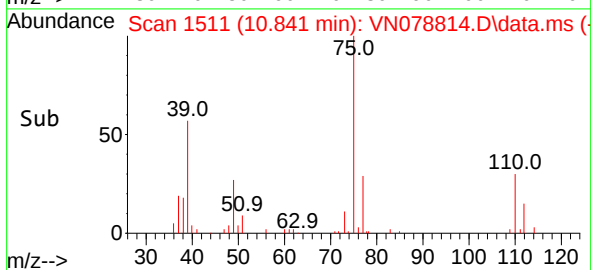
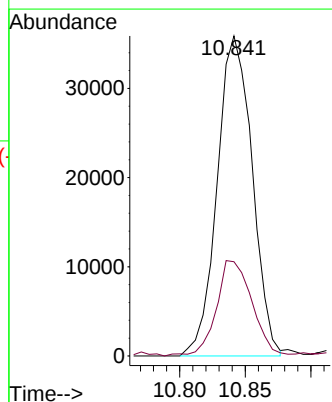
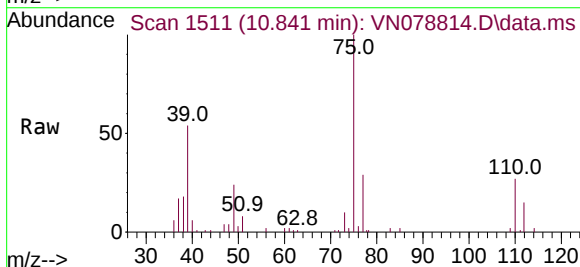
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

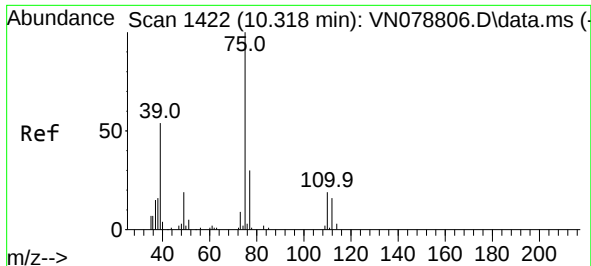
Tgt Ion: 43 Resp: 73487
Ion Ratio Lower Upper
43 100
55 22.3 21.5 32.3



#48
t-1,3-Dichloropropene
Concen: 20.021 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 75 Resp: 66550
Ion Ratio Lower Upper
75 100
77 28.8 26.1 39.1





#49

cis-1,3-Dichloropropene

Concen: 20.538 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. -0.000 min

Lab File: VN078814.D

Acq: 09 Aug 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBSD01

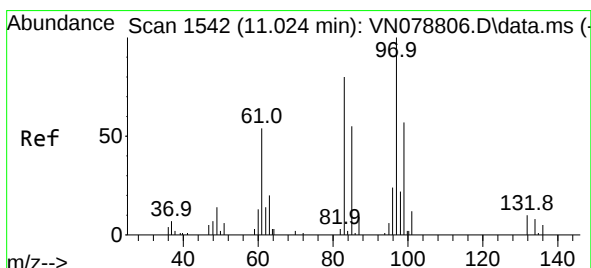
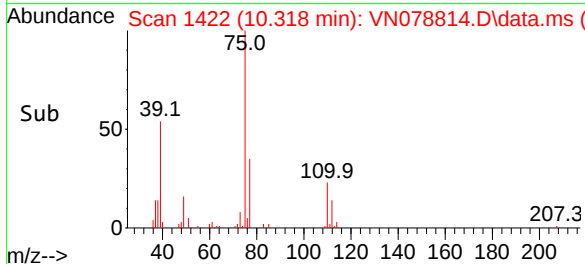
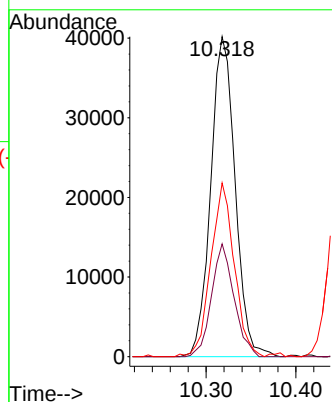
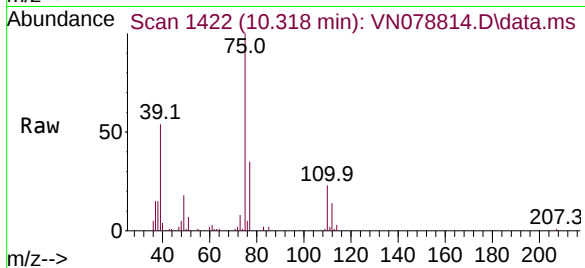
Tgt Ion: 75 Resp: 75921

Ion Ratio Lower Upper

75 100

77 35.3 24.0 36.0

39 53.5 35.1 52.7#



#50

1,1,2-Trichloroethane

Concen: 19.604 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.006 min

Lab File: VN078814.D

Acq: 09 Aug 2023 12:30

Tgt Ion: 97 Resp: 43519

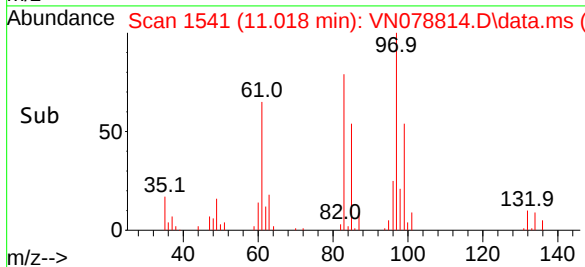
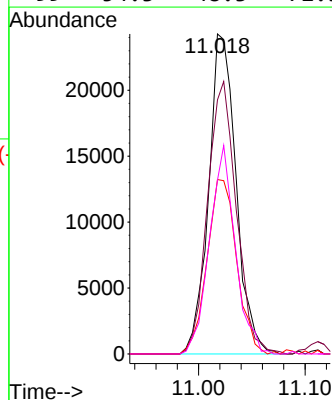
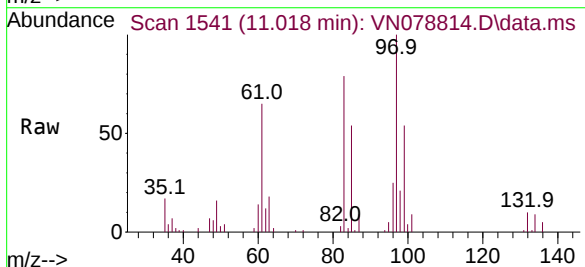
Ion Ratio Lower Upper

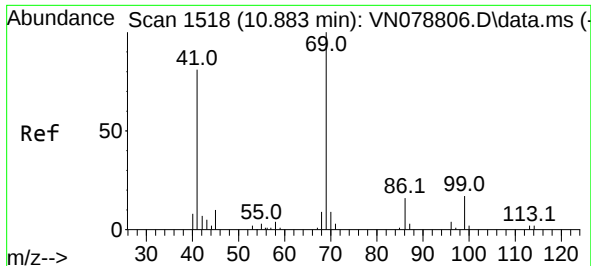
97 100

83 79.4 66.8 100.2

85 54.5 42.5 63.7

99 54.3 48.3 72.5

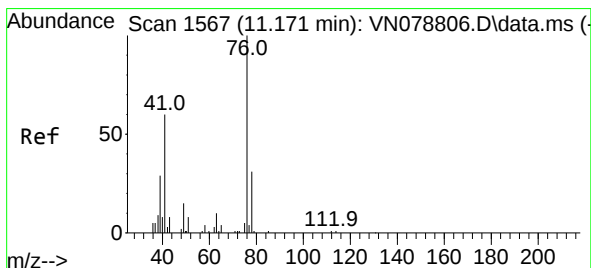
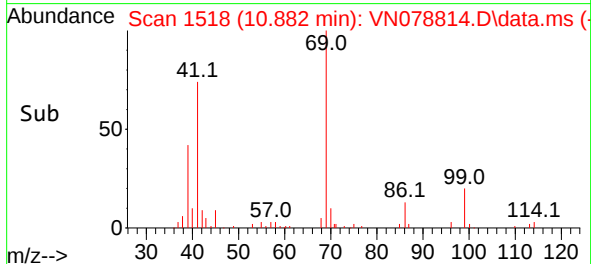
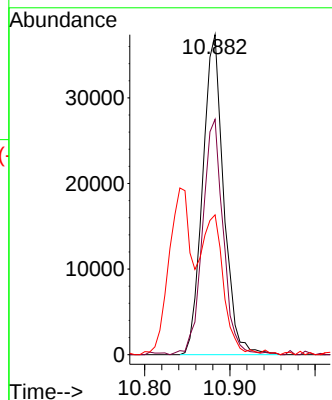
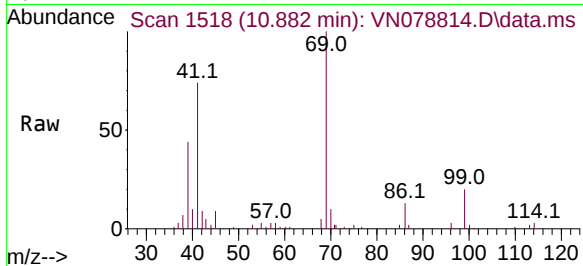




#51
Ethyl methacrylate
Concen: 20.585 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

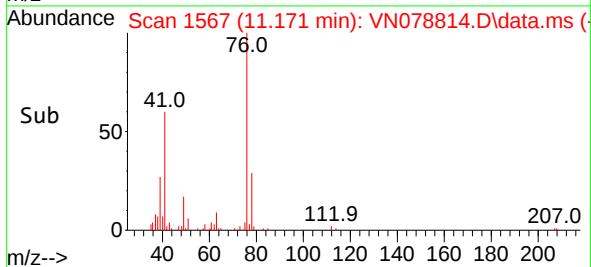
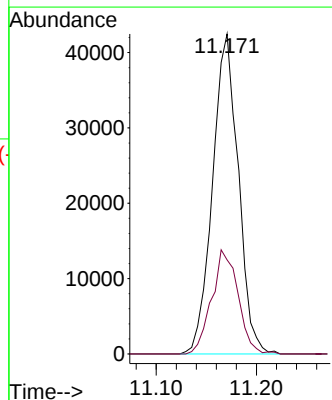
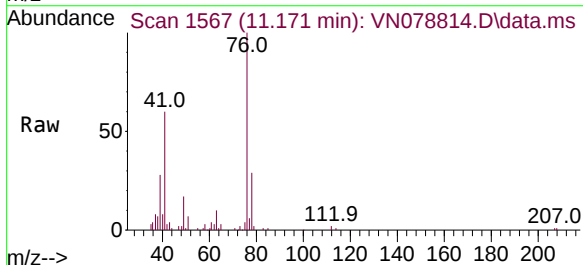
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

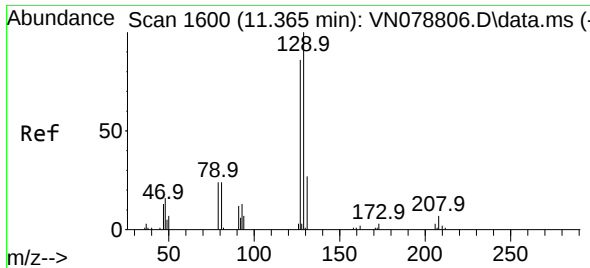
Tgt Ion: 69 Resp: 64051
Ion Ratio Lower Upper
69 100
41 73.5 26.0 78.0
39 43.7 16.3 48.9



#52
1,3-Dichloropropane
Concen: 19.888 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 76 Resp: 75808
Ion Ratio Lower Upper
76 100
78 33.1 0.0 66.2

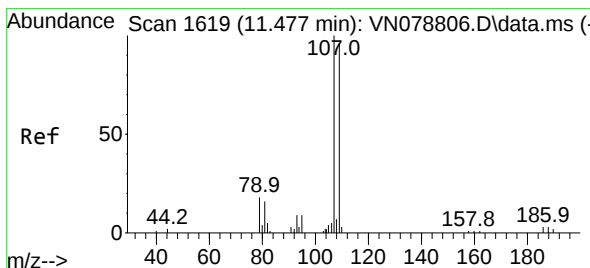
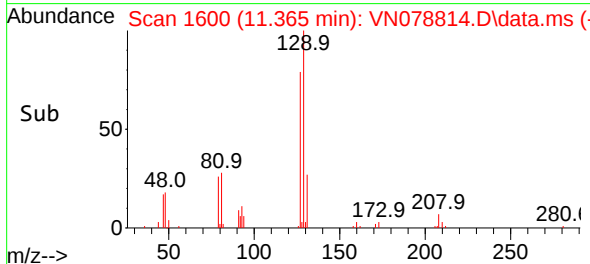
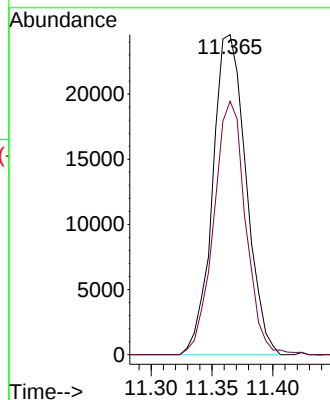
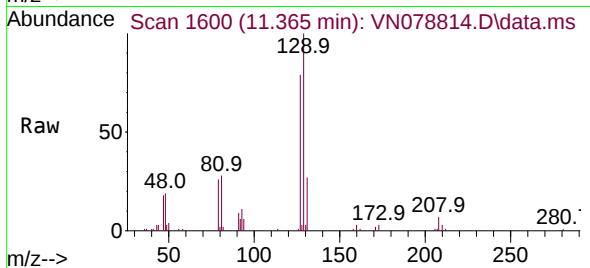




#53
Dibromochloromethane
Concen: 20.236 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

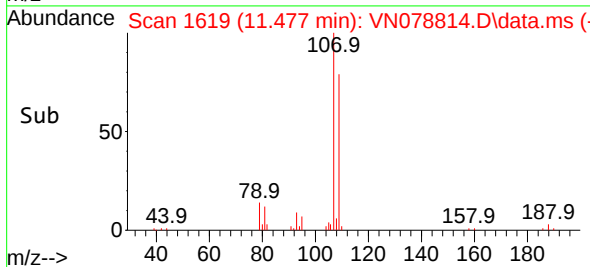
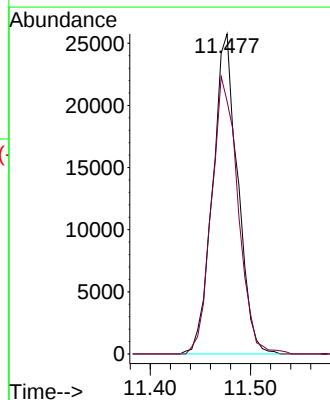
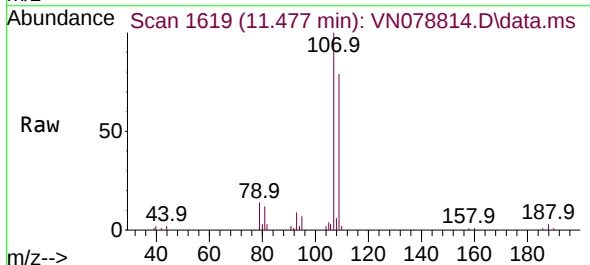
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

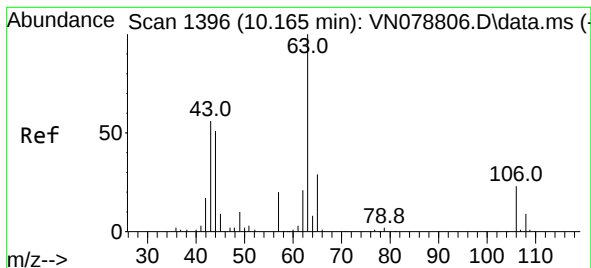
Tgt Ion:129 Resp: 46884
Ion Ratio Lower Upper
129 100
127 75.7 39.4 118.1



#54
1,2-Dibromoethane
Concen: 20.534 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion:107 Resp: 44534
Ion Ratio Lower Upper
107 100
109 91.7 74.6 112.0

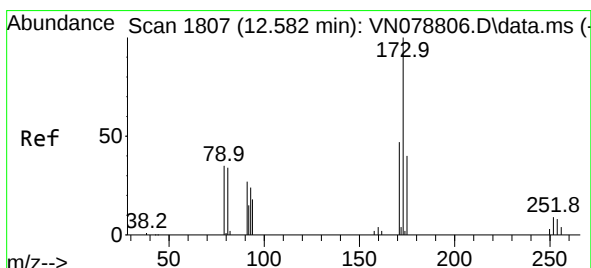
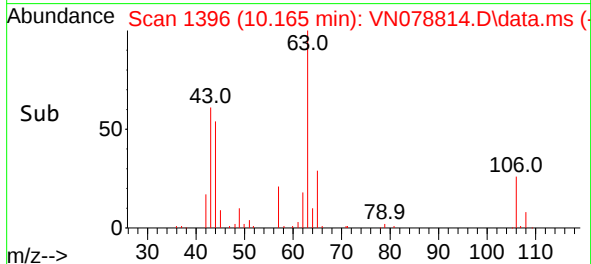
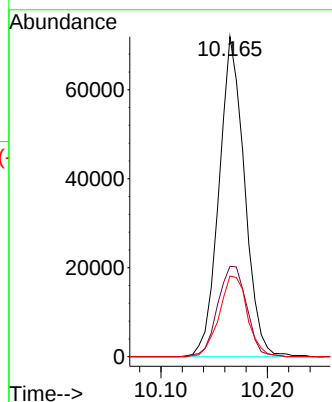
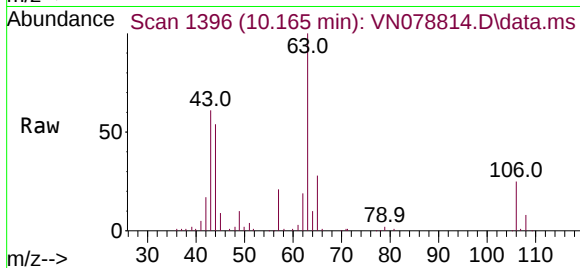




#55
2-Chloroethyl vinyl ether
Concen: 103.997 ug/l
RT: 10.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

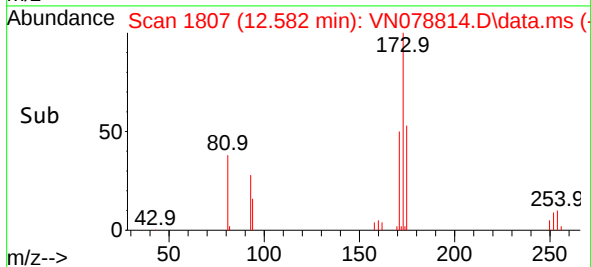
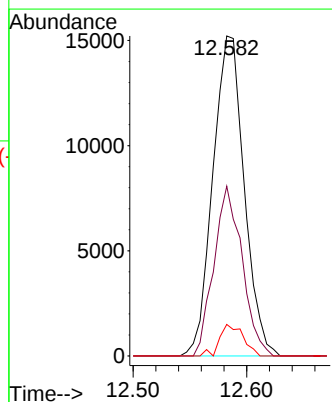
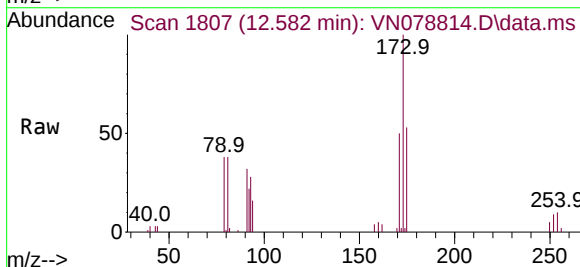
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

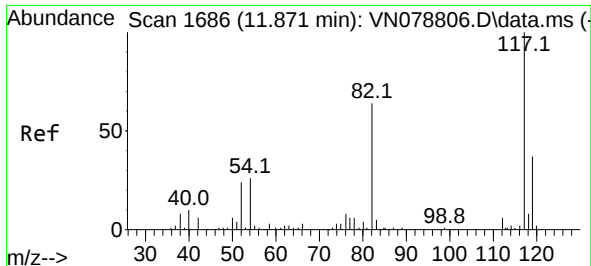
Tgt Ion: 63 Resp: 119339
Ion Ratio Lower Upper
63 100
65 32.0 26.3 39.5
106 27.9 23.8 35.6



#56
Bromoform
Concen: 20.101 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion:173 Resp: 29154
Ion Ratio Lower Upper
173 100
175 47.8 40.7 61.1
254 7.1 6.5 9.7





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078814.D

Acq: 09 Aug 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBSD01

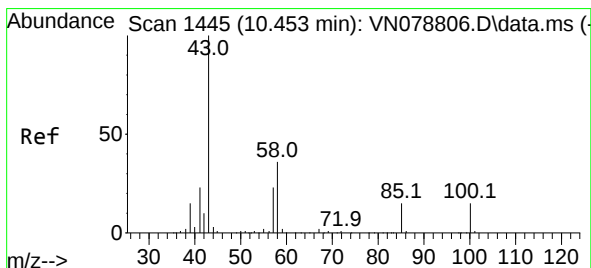
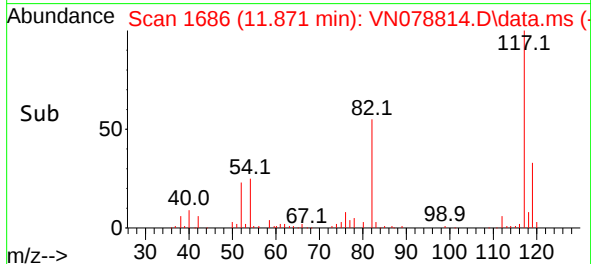
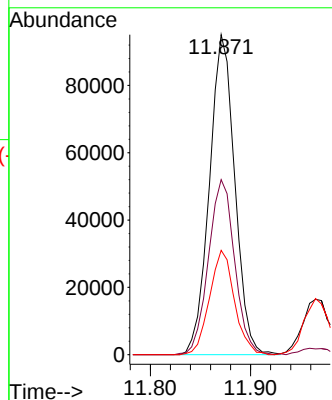
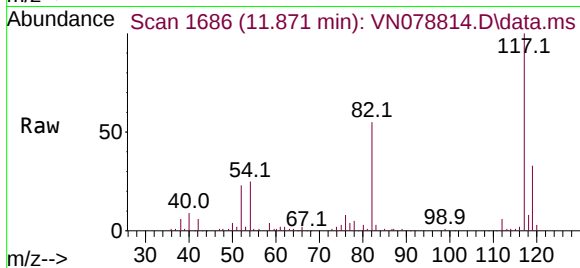
Tgt Ion:117 Resp: 167495

Ion Ratio Lower Upper

117 100

82 56.4 43.9 65.9

119 32.0 26.2 39.4



#58

4-Methyl-2-Pentanone

Concen: 1.213 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.429 min

Lab File: VN078814.D

Acq: 09 Aug 2023 12:30

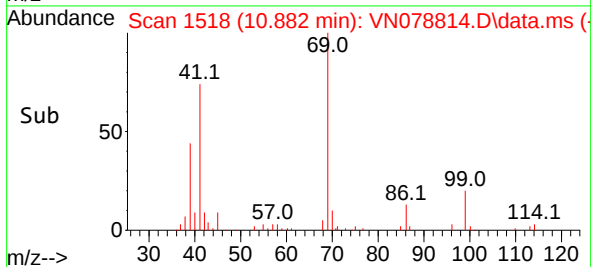
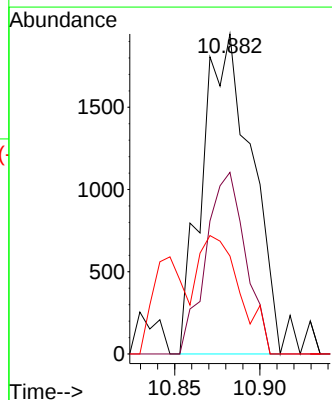
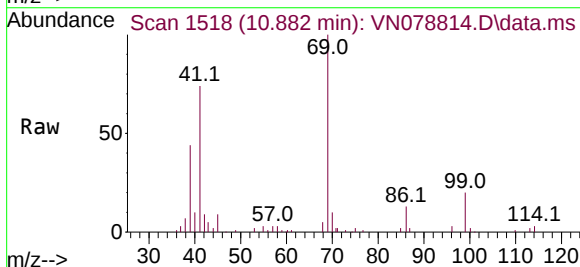
Tgt Ion: 43 Resp: 3905

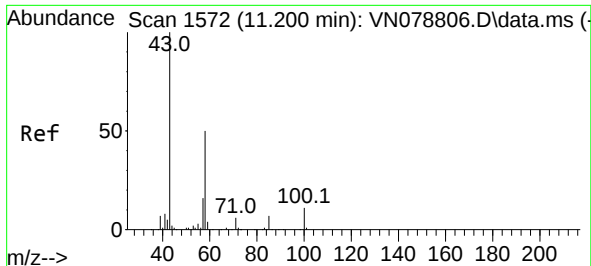
Ion Ratio Lower Upper

43 100

58 45.8 32.6 48.8

85 21.4 16.2 24.2

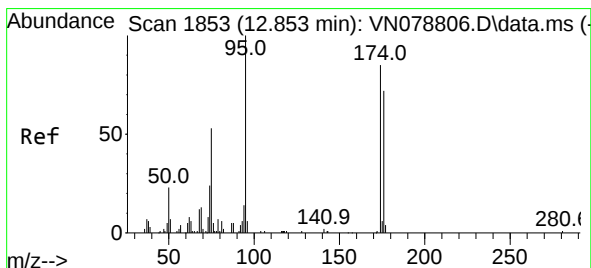
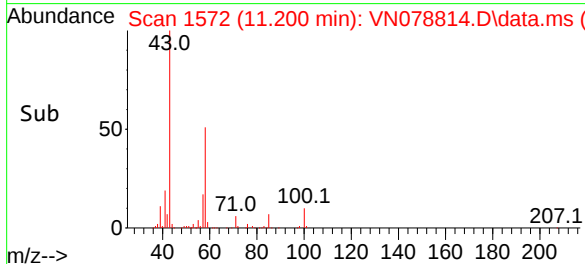
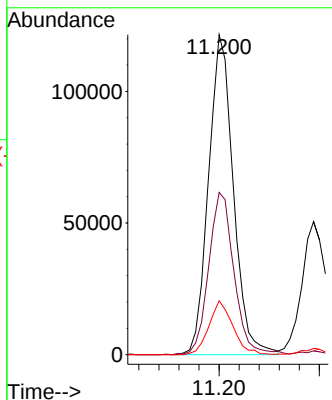
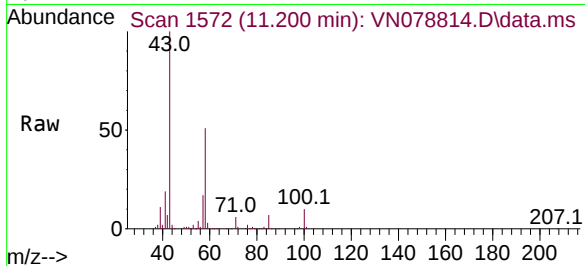




#59
2-Hexanone
Concen: 93.465 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

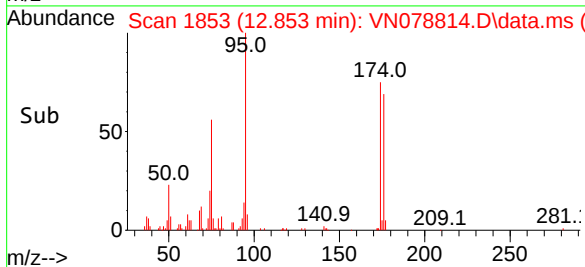
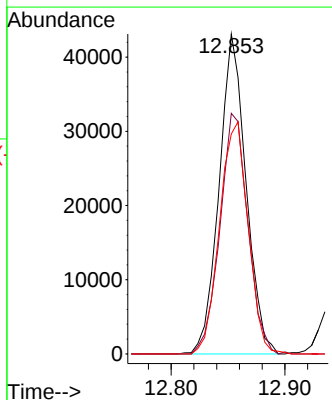
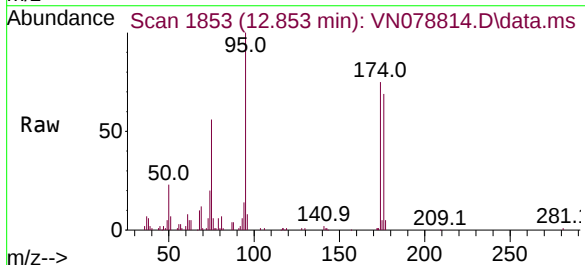
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

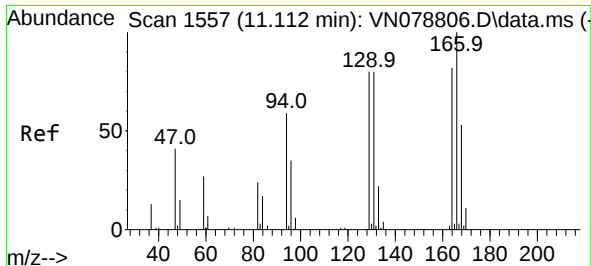
Tgt Ion: 43 Resp: 209102
Ion Ratio Lower Upper
43 100
58 51.7 45.9 68.9
57 16.3 15.8 23.6



#60
4-Bromofluorobenzene
Concen: 30.142 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 95 Resp: 70866
Ion Ratio Lower Upper
95 100
174 77.9 61.7 92.5
176 77.0 58.1 87.1

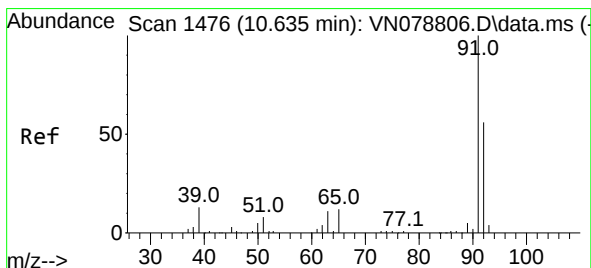
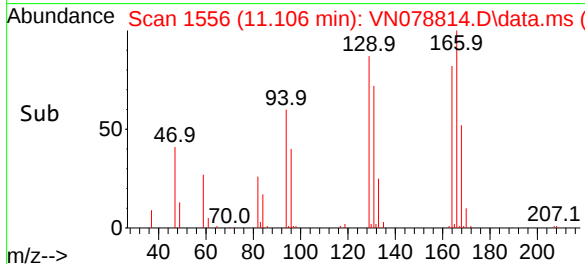
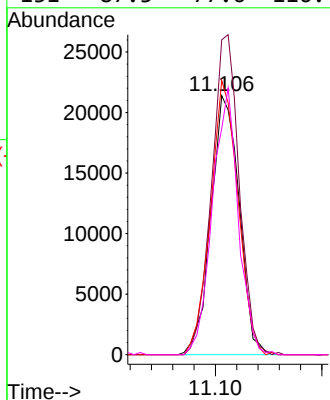
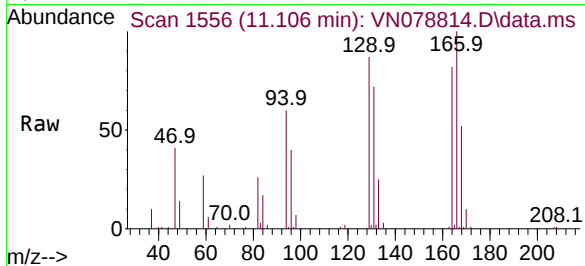




#61
Tetrachloroethene
Concen: 20.582 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

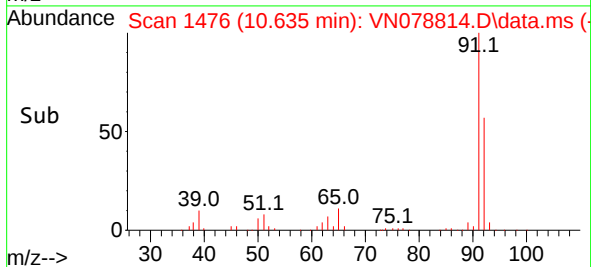
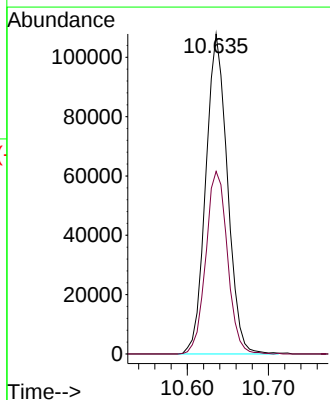
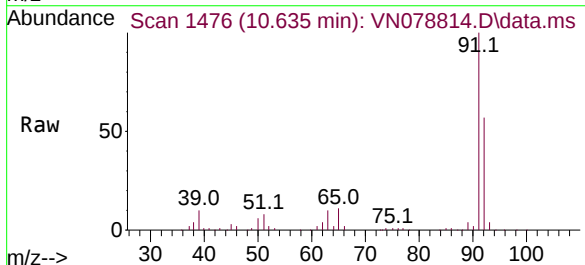
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

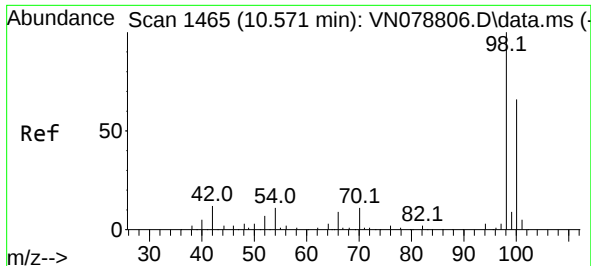
Tgt Ion:164	Resp:	39440
Ion	Ratio	Lower Upper
164	100	
166	121.6	99.1 148.7
129	105.8	85.6 128.4
131	87.3	77.6 116.4



#62
Toluene
Concen: 20.246 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 91	Resp:	199647
Ion	Ratio	Lower Upper
91	100	
92	56.9	45.2 67.8

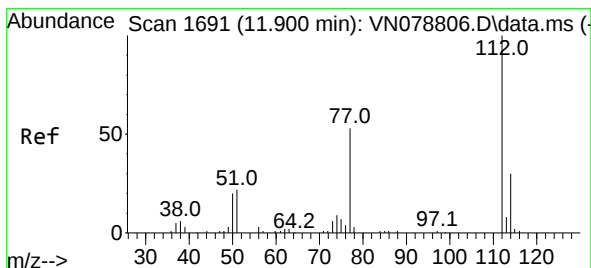
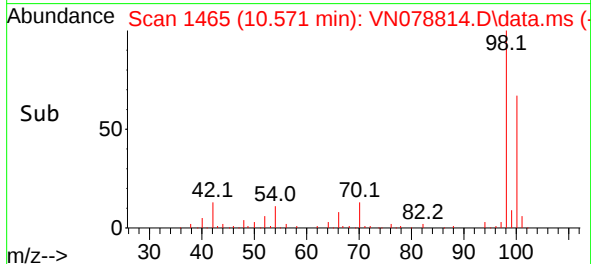
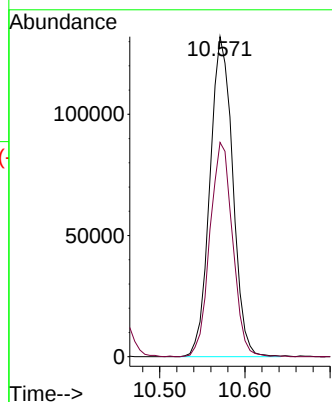
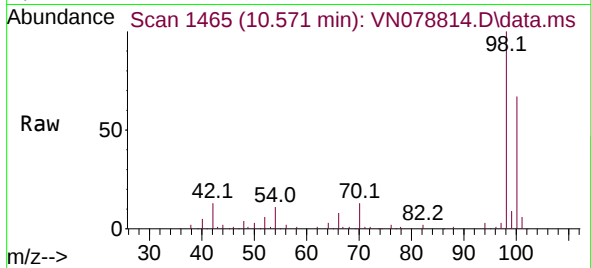




#63
Toluene-d8
Concen: 29.975 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

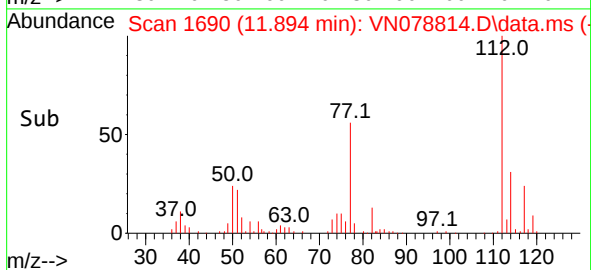
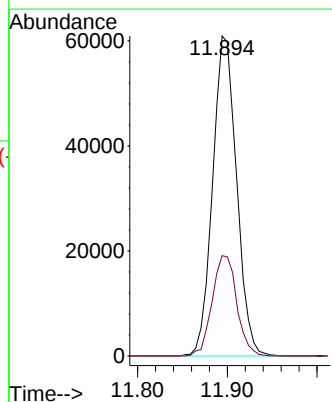
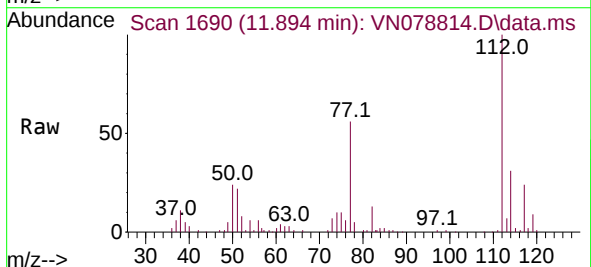
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

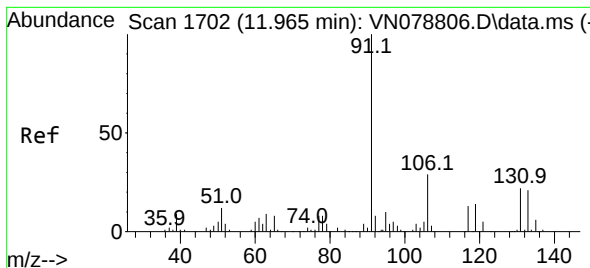
Tgt Ion: 98 Resp: 246028
Ion Ratio Lower Upper
98 100
100 66.6 49.7 74.5



#64
Chlorobenzene
Concen: 19.569 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 112 Resp: 112970
Ion Ratio Lower Upper
112 100
114 31.4 25.9 38.9

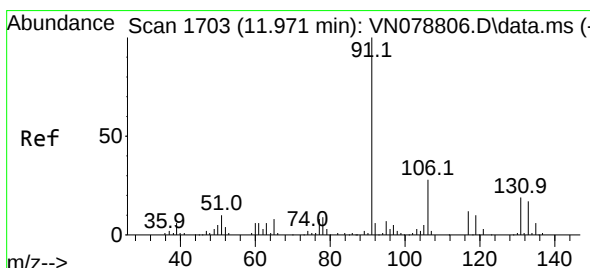
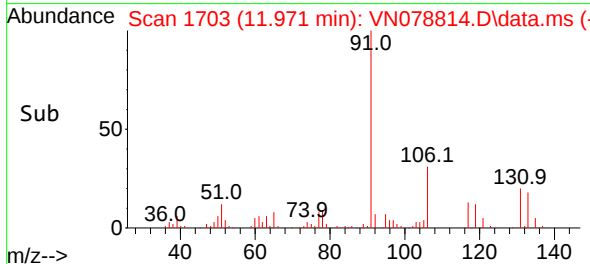
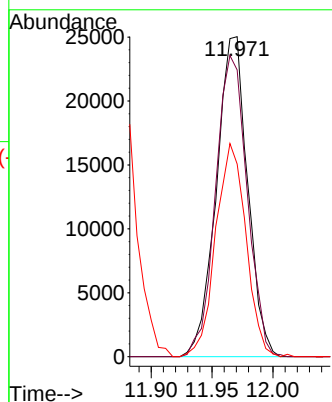
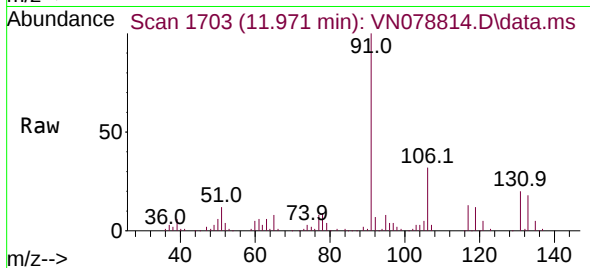




#65
1,1,1,2-Tetrachloroethane
Concen: 20.146 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

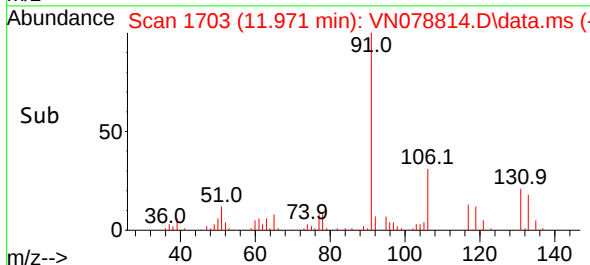
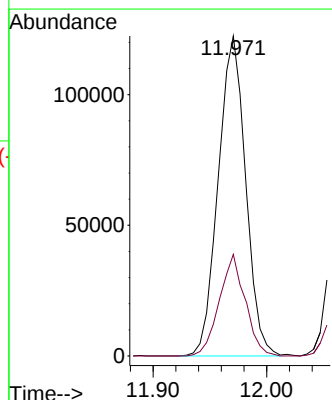
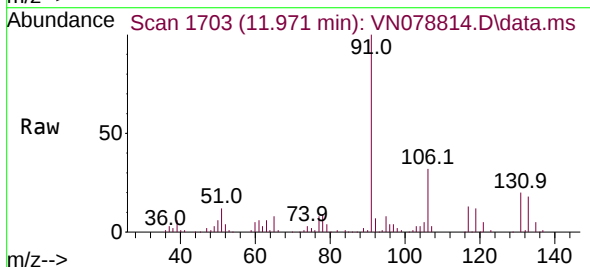
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

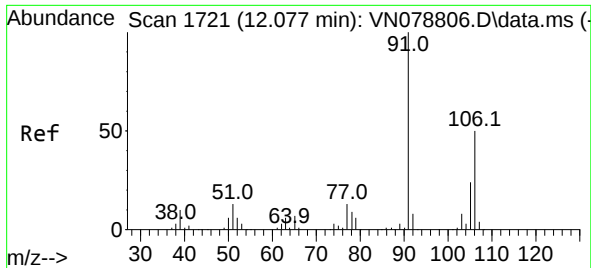
Tgt Ion:131 Resp: 44808
Ion Ratio Lower Upper
131 100
133 94.9 0.0 191.8
119 64.2 0.0 132.0



#66
Ethyl Benzene
Concen: 20.051 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 91 Resp: 205346
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4

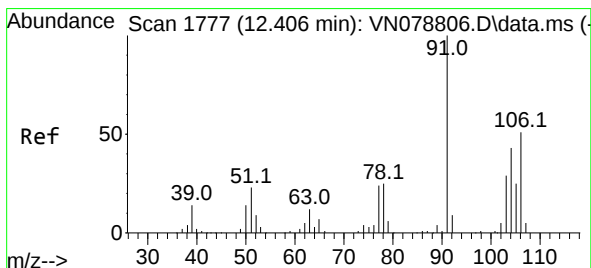
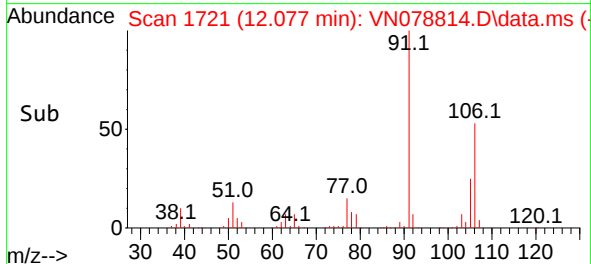
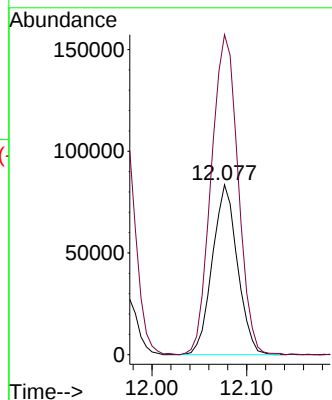
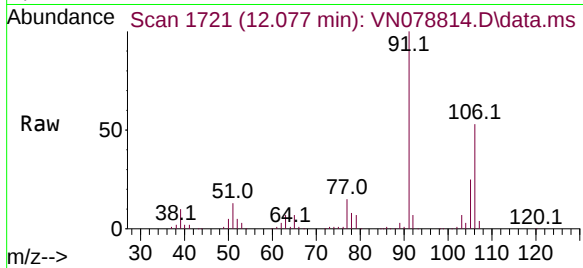




#67
m/p-Xylenes
Concen: 40.896 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

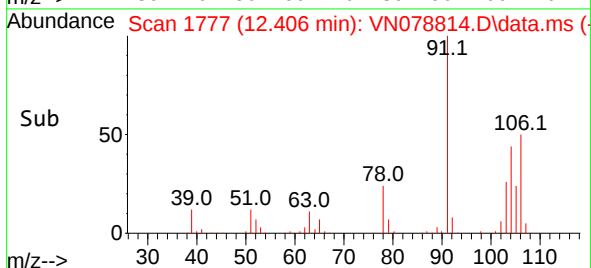
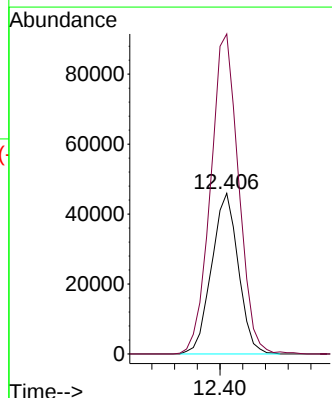
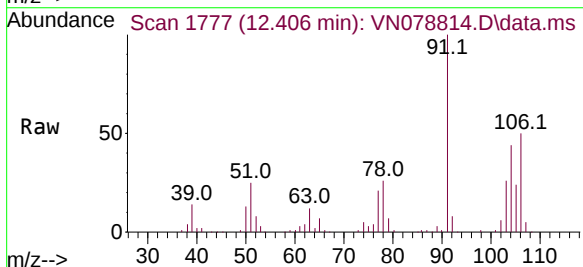
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

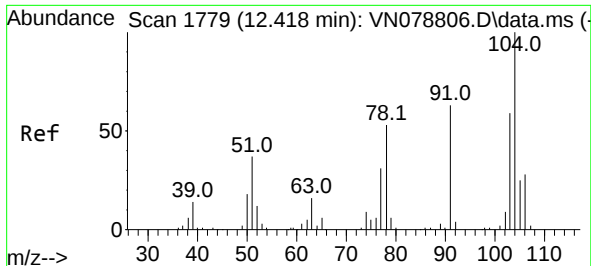
Tgt Ion:106 Resp: 153571
Ion Ratio Lower Upper
106 100
91 201.5 162.5 243.7



#68
o-Xylene
Concen: 20.066 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion:106 Resp: 75000
Ion Ratio Lower Upper
106 100
91 208.3 106.1 318.3

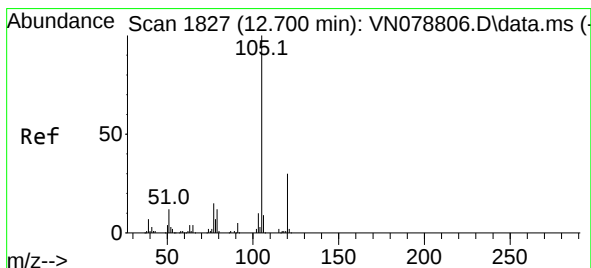
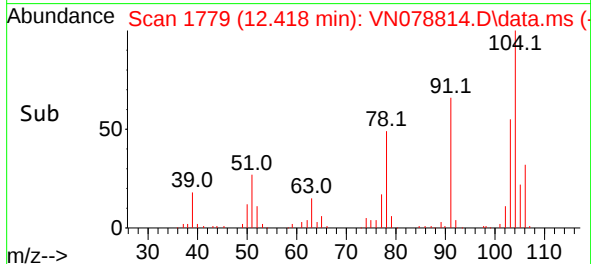
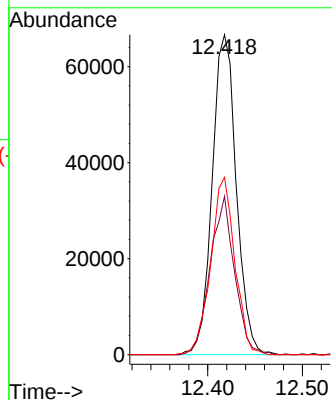
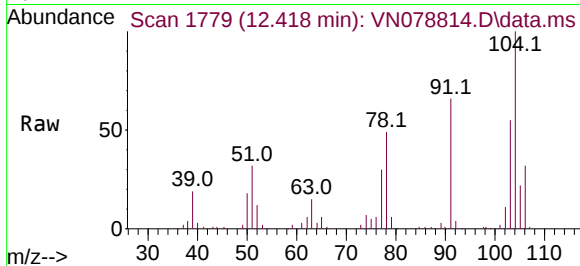




#69
Styrene
Concen: 20.649 ug/l
RT: 12.418 min Scan# 117932
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

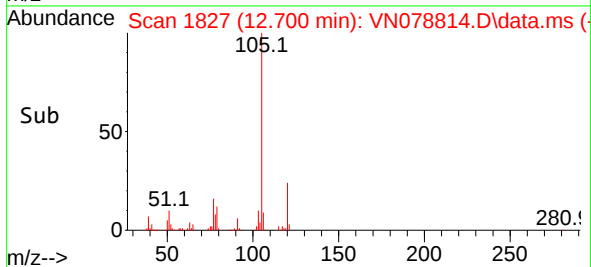
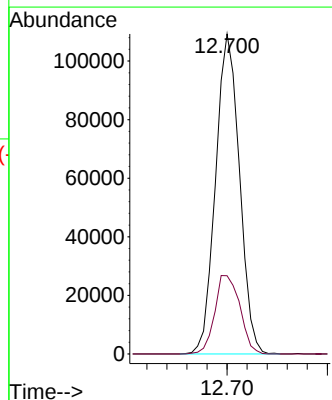
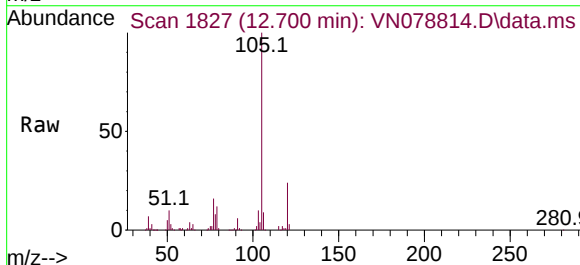
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

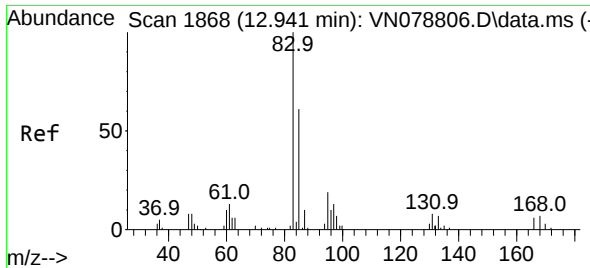
Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.0	40.1	60.1
103	55.5	45.1	67.7



#70
Isopropylbenzene
Concen: 19.535 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	18.3	34.1

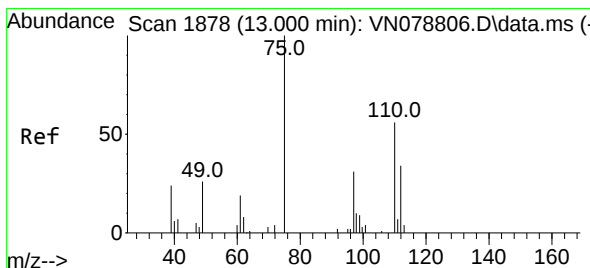
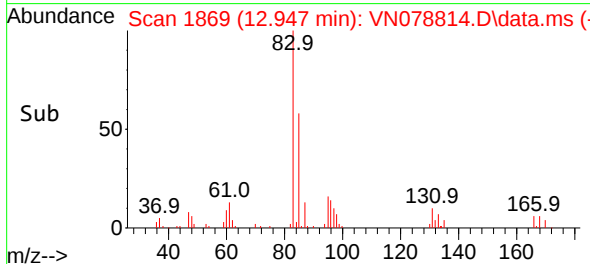
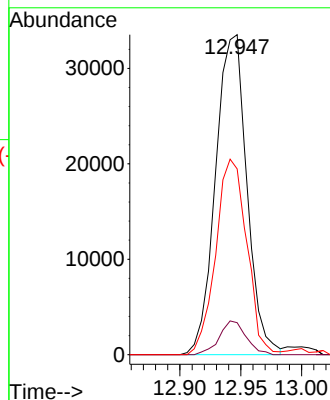
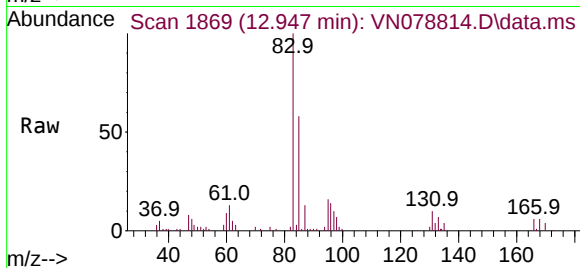




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.199 ug/l
 RT: 12.947 min Scan# 1869
 Delta R.T. 0.006 min
 Lab File: VN078814.D
 Acq: 09 Aug 2023 12:30

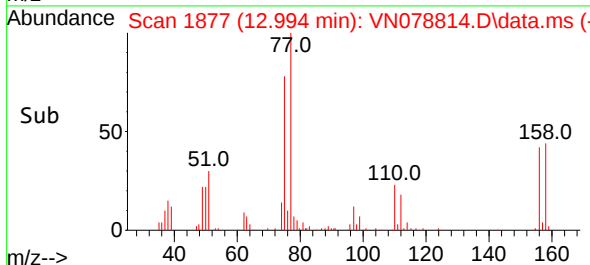
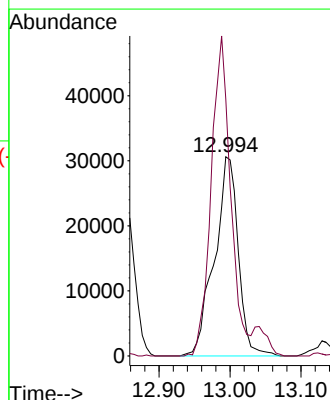
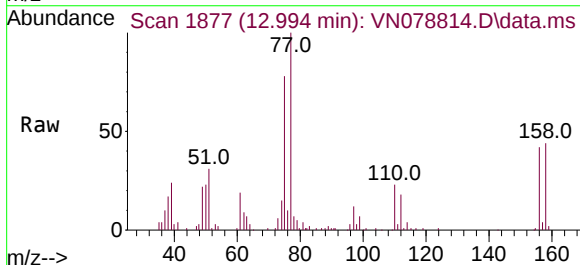
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBSD01

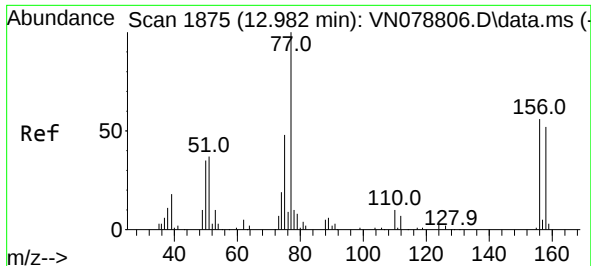
Tgt Ion: 83 Resp: 60066
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.8 14.4
 85 60.5 32.6 98.0



#72
 1,2,3-Trichloropropane
 Concen: 26.049 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.006 min
 Lab File: VN078814.D
 Acq: 09 Aug 2023 12:30

Tgt Ion: 75 Resp: 71137
 Ion Ratio Lower Upper
 75 100
 77 131.7 0.0 387.4

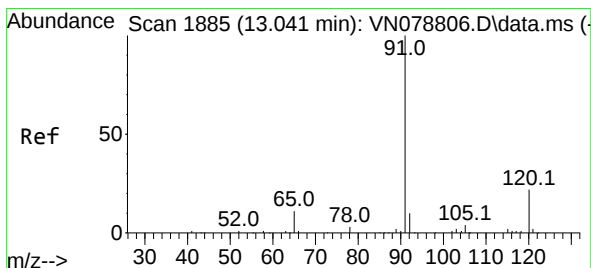
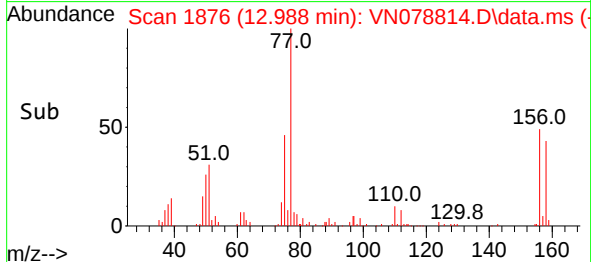
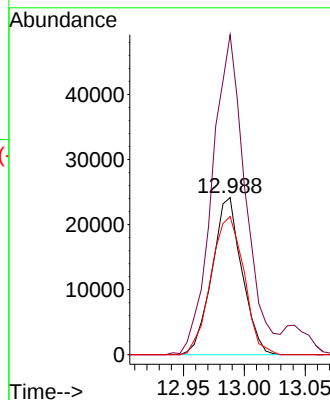
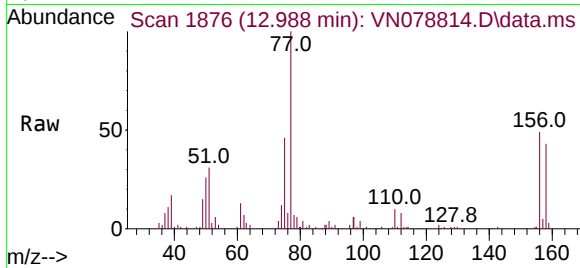




#73
Bromobenzene
Concen: 18.690 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

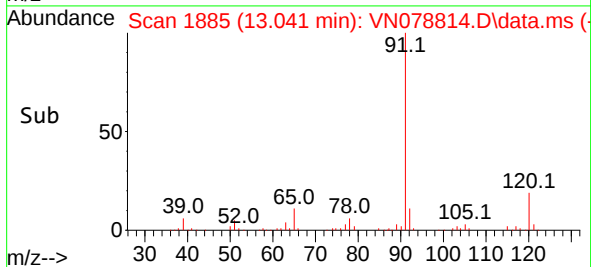
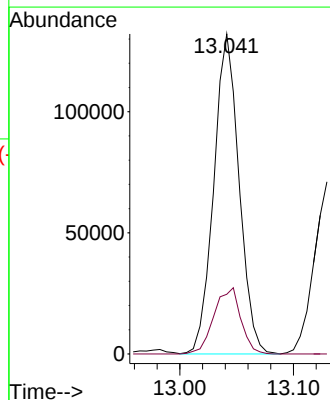
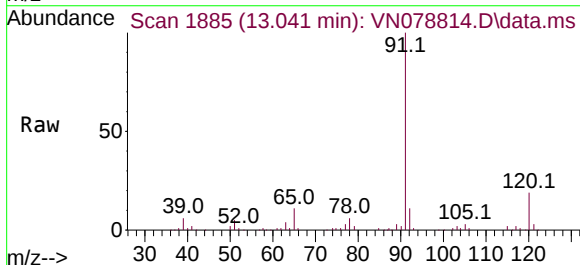
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

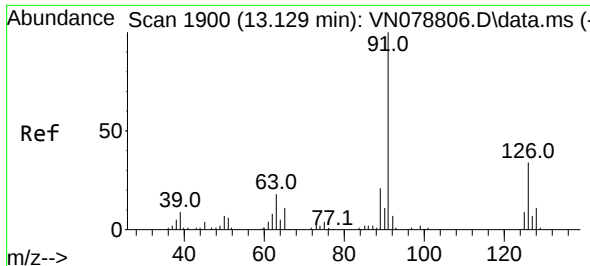
Tgt Ion:156 Resp: 41242
Ion Ratio Lower Upper
156 100
77 227.2 0.0 420.8
158 97.2 0.0 193.2



#74
n-propylbenzene
Concen: 20.004 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 91 Resp: 204368
Ion Ratio Lower Upper
91 100
120 21.9 0.0 44.6

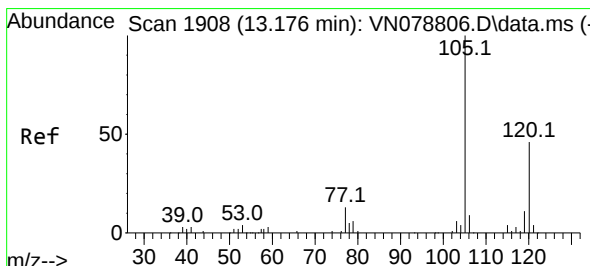
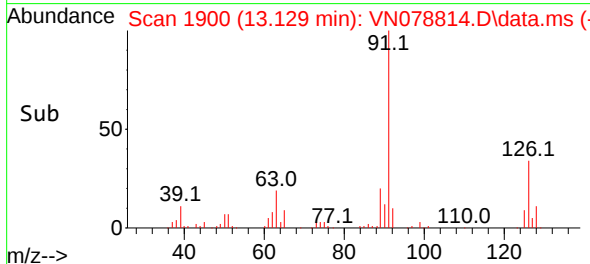
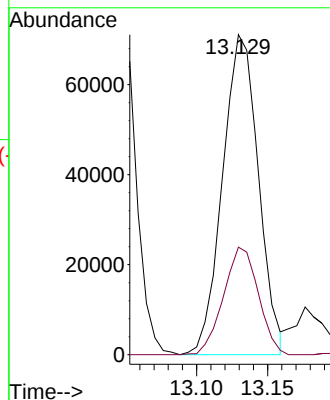
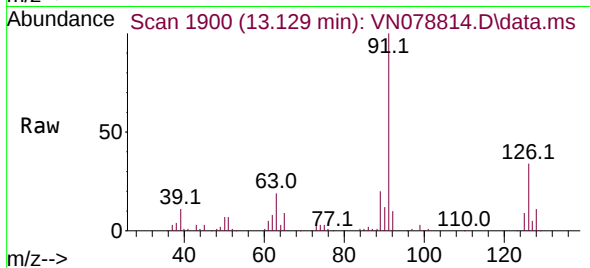




#75
2-Chlorotoluene
Concen: 19.607 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

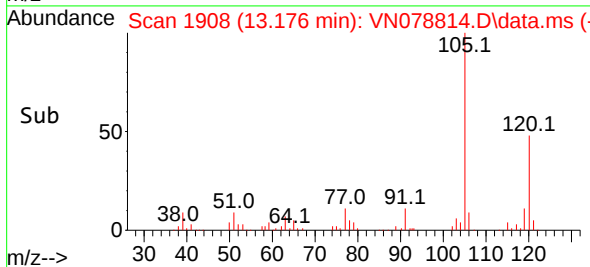
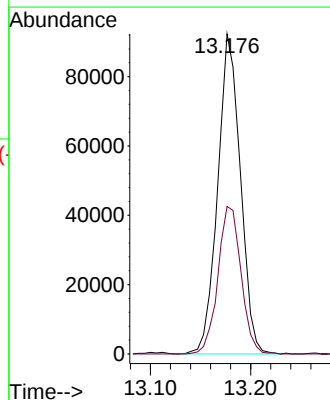
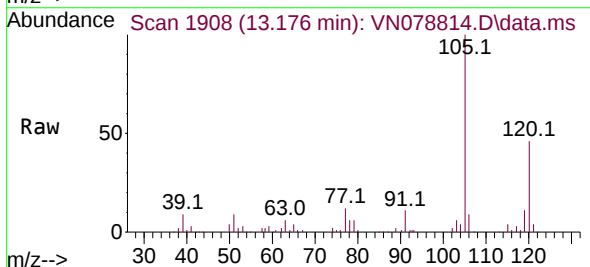
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

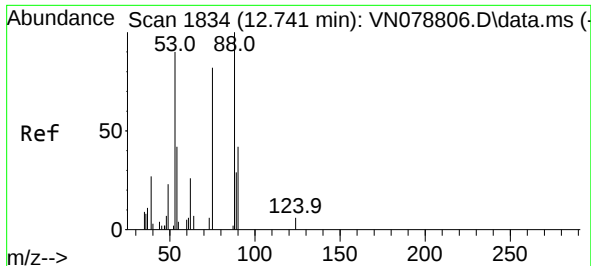
Tgt Ion: 91 Resp: 124784
Ion Ratio Lower Upper
91 100
126 32.6 0.0 67.2



#76
1,3,5-Trimethylbenzene
Concen: 19.750 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 105 Resp: 144822
Ion Ratio Lower Upper
105 100
120 47.0 0.0 97.2

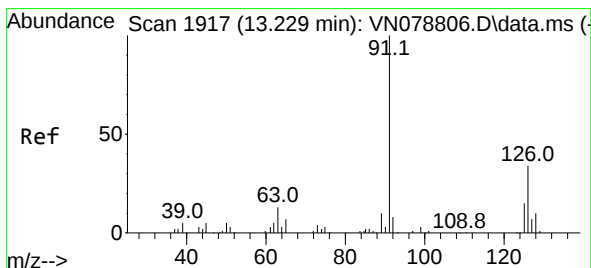
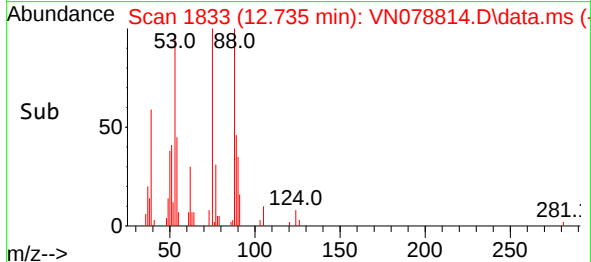
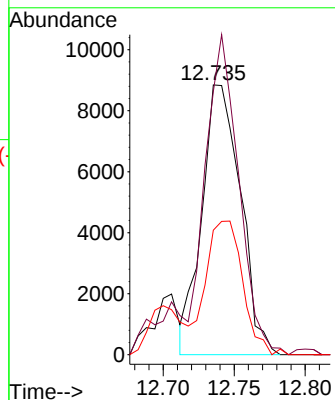
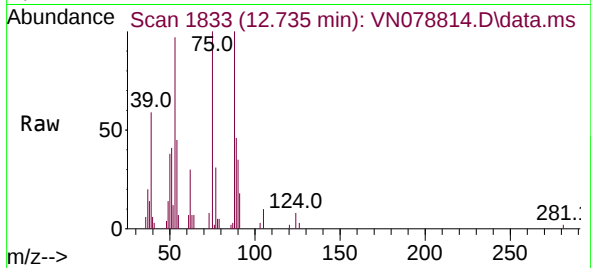




#77
t-1,4-Dichloro-2-butene
Concen: 19.587 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

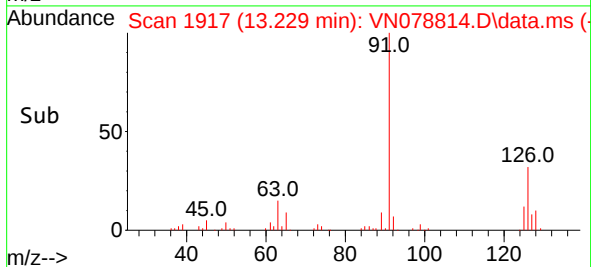
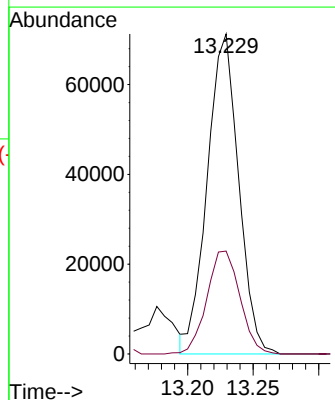
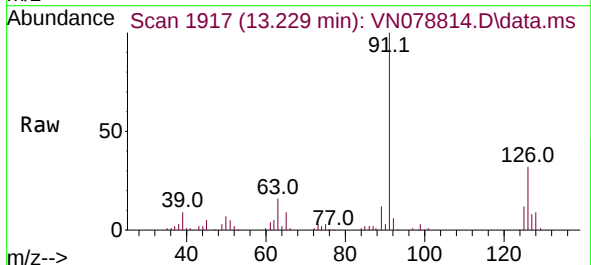
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

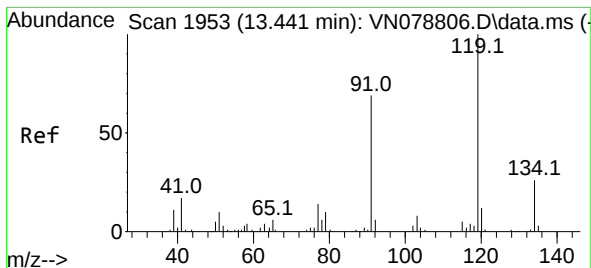
Tgt Ion: 75 Resp: 16790
Ion Ratio Lower Upper
75 100
53 95.1 41.6 124.9
89 44.1 25.1 75.4



#78
4-Chlorotoluene
Concen: 20.086 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 91 Resp: 118592
Ion Ratio Lower Upper
91 100
126 34.0 0.0 68.8





#79

tert-butylbenzene

Concen: 20.172 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN078814.D

Acq: 09 Aug 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBSD01

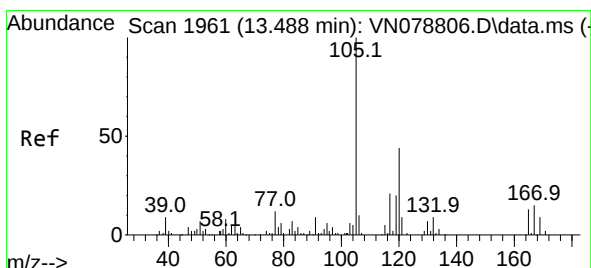
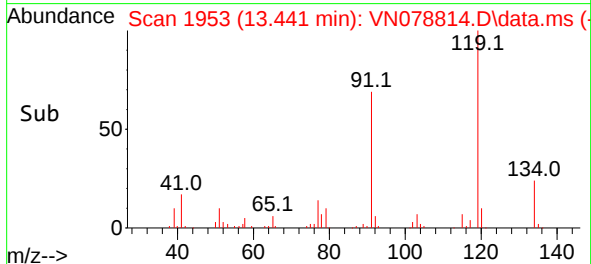
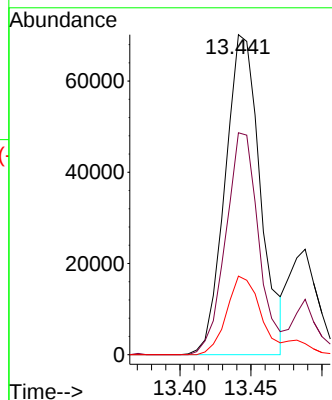
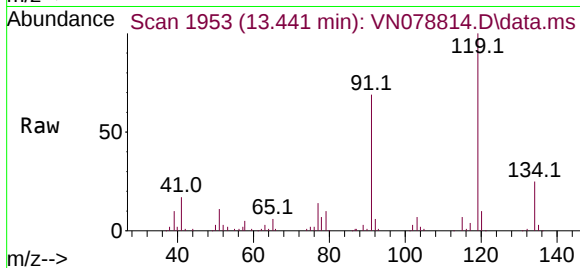
Tgt Ion:119 Resp: 121363

Ion Ratio Lower Upper

119 100

91 64.8 0.0 126.6

134 23.5 0.0 44.0



#80

1,2,4-Trimethylbenzene

Concen: 20.398 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN078814.D

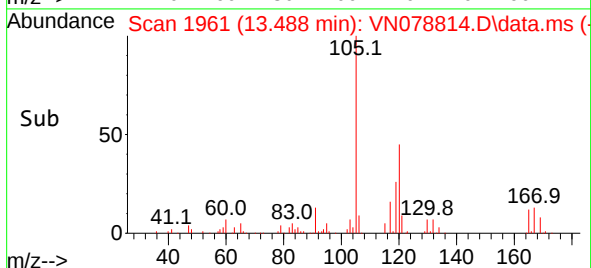
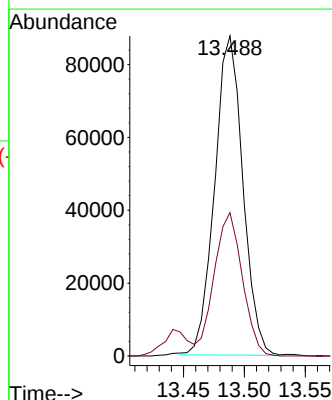
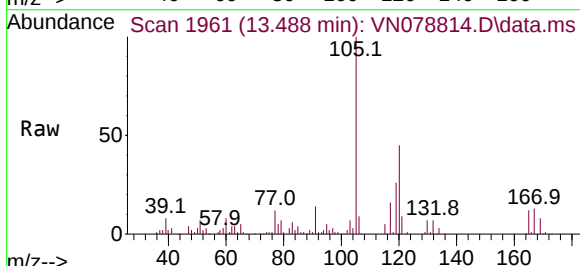
Acq: 09 Aug 2023 12:30

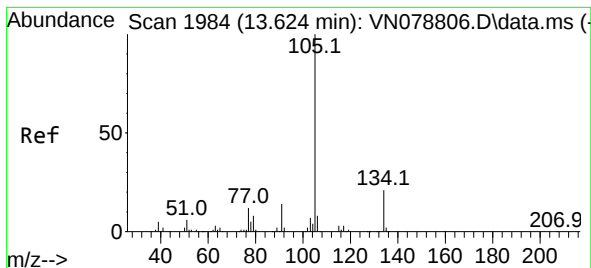
Tgt Ion:105 Resp: 141144

Ion Ratio Lower Upper

105 100

120 44.9 0.0 88.2

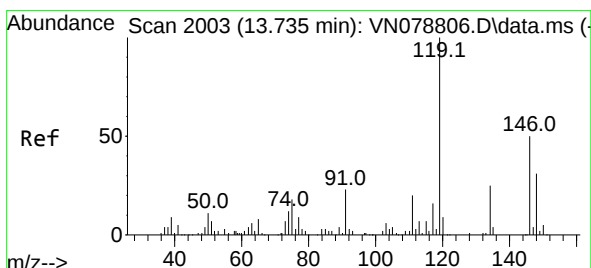
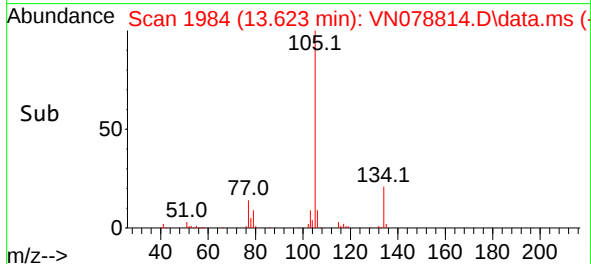
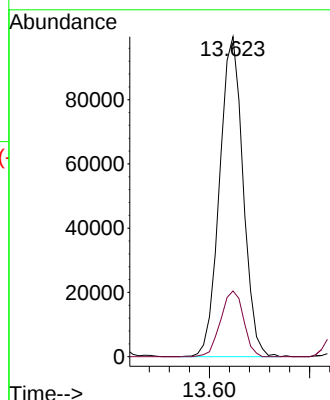
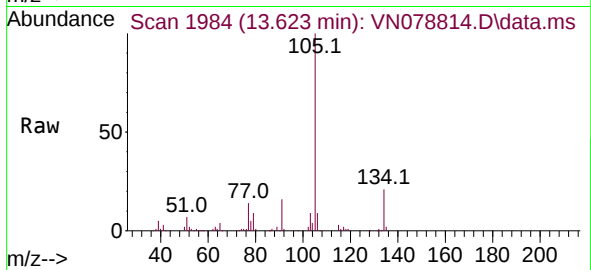




#81
 sec-Butylbenzene
 Concen: 20.121 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078814.D
 Acq: 09 Aug 2023 12:30

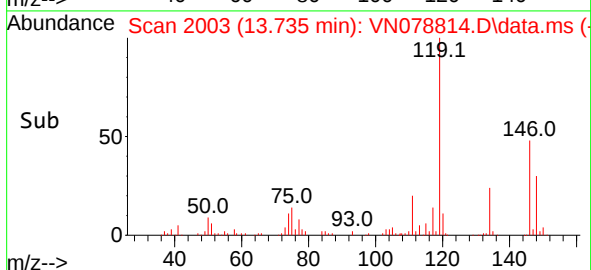
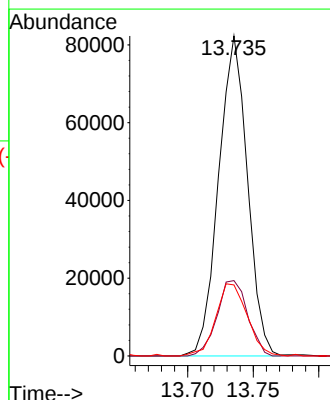
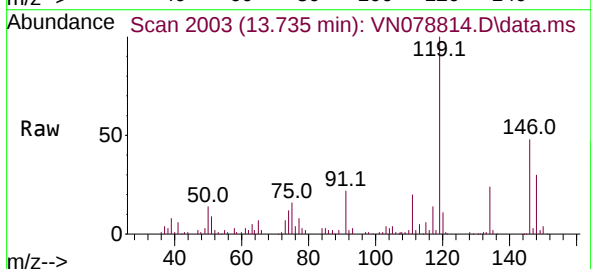
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBSD01

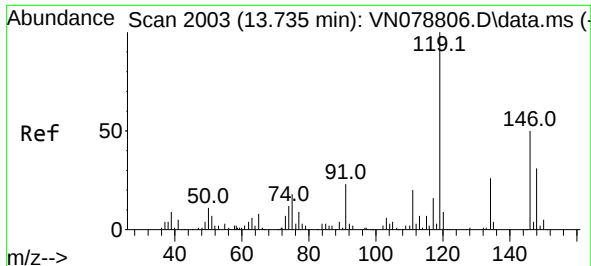
Tgt Ion:105 Resp: 162066
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 19.902 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078814.D
 Acq: 09 Aug 2023 12:30

Tgt Ion:119 Resp: 125563
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 52.4
 91 24.6 0.0 48.2

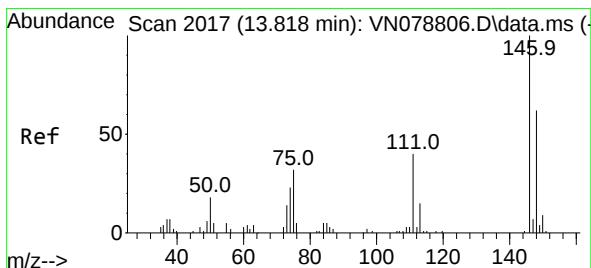
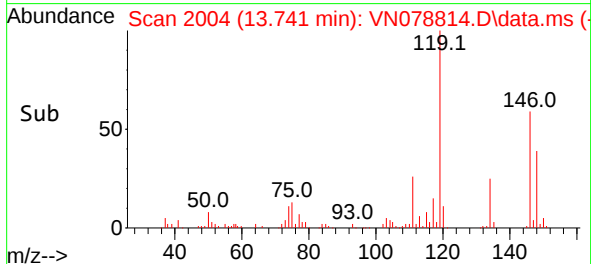
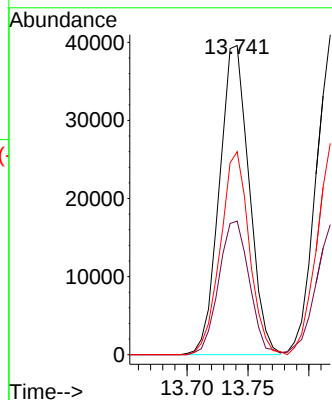
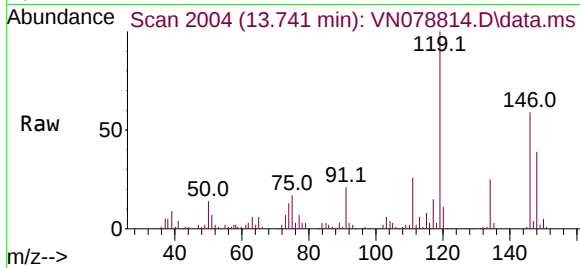




#83
1,3-Dichlorobenzene
Concen: 19.763 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

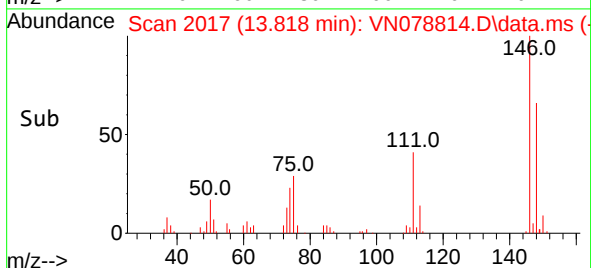
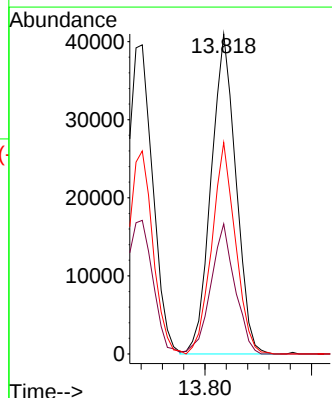
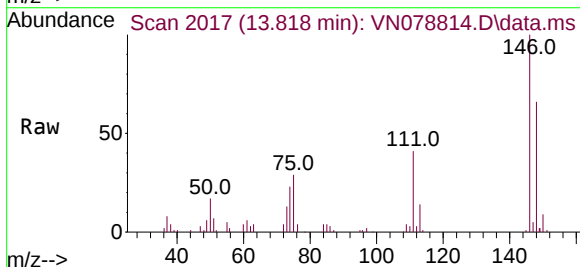
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

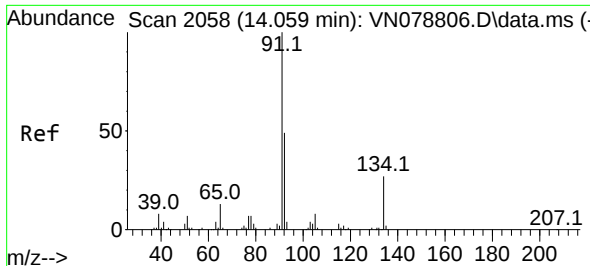
Tgt Ion:146 Resp: 67395
Ion Ratio Lower Upper
146 100
111 44.3 21.6 64.6
148 63.9 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 20.338 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion:146 Resp: 66234
Ion Ratio Lower Upper
146 100
111 39.6 19.4 58.2
148 63.0 31.4 94.3

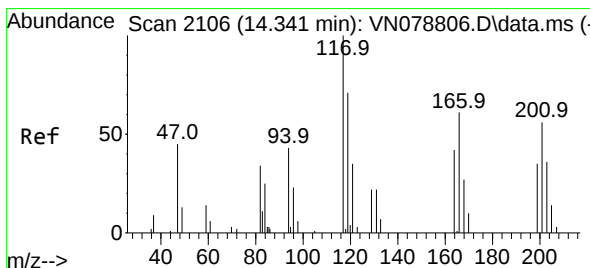
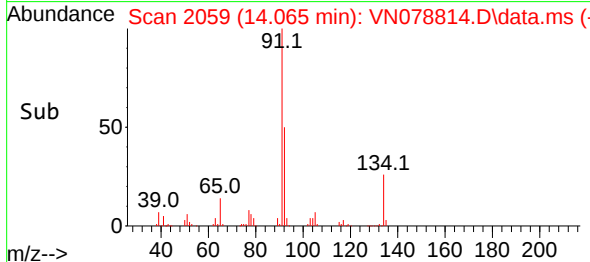
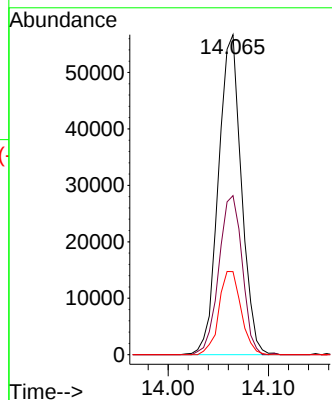
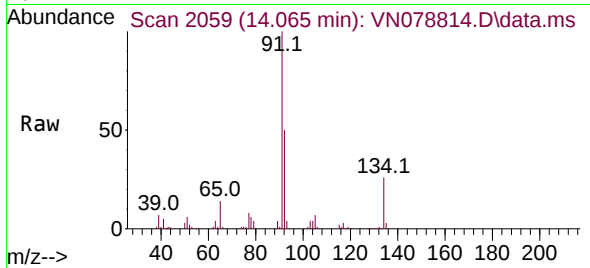




#85
n-Butylbenzene
Concen: 19.399 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

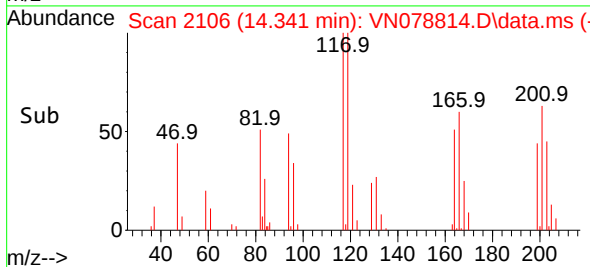
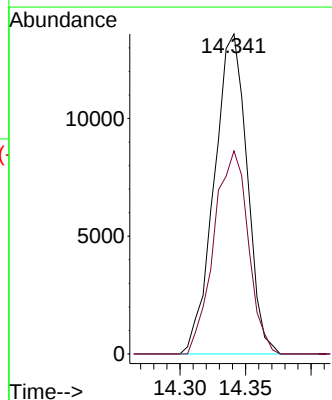
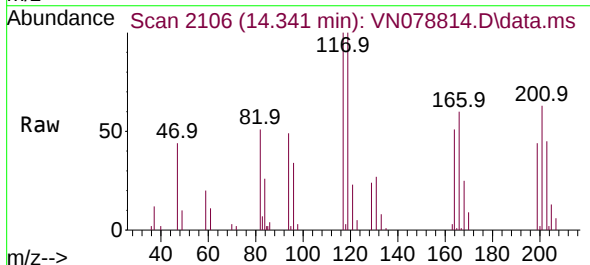
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

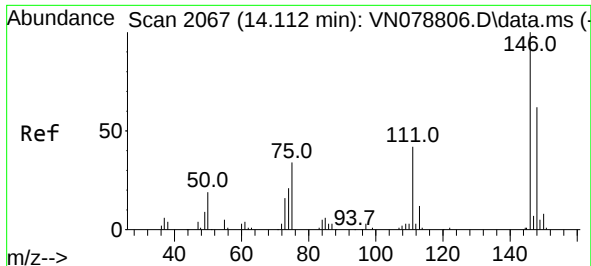
Tgt Ion: 91 Resp: 90063
Ion Ratio Lower Upper
91 100
92 50.4 0.0 99.6
134 25.1 0.0 50.0



#86
Hexachloroethane
Concen: 17.828 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion: 117 Resp: 23693
Ion Ratio Lower Upper
117 100
201 66.2 34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 19.974 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN078814.D

Acq: 09 Aug 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBSD01

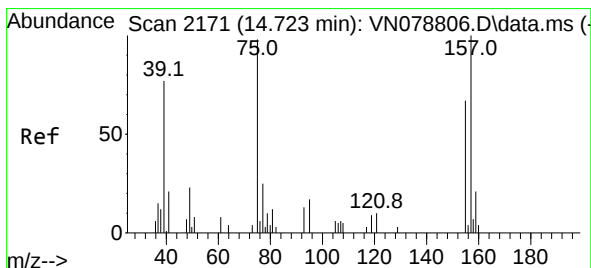
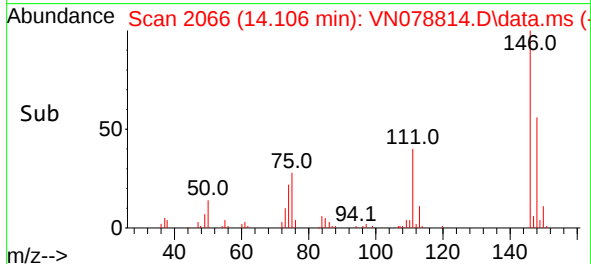
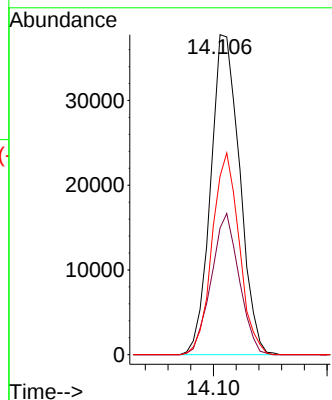
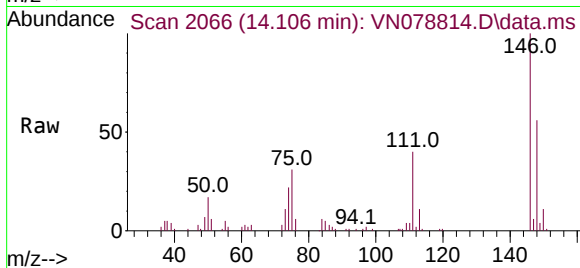
Tgt Ion:146 Resp: 67014

Ion Ratio Lower Upper

146 100

111 42.3 22.4 67.3

148 58.8 33.4 100.1



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.563 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN078814.D

Acq: 09 Aug 2023 12:30

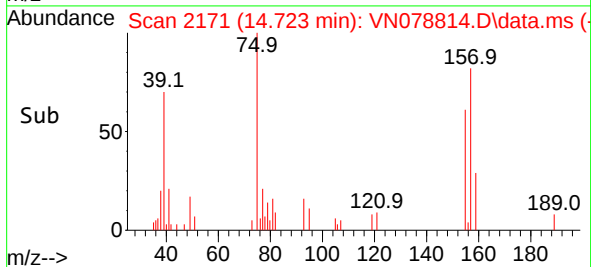
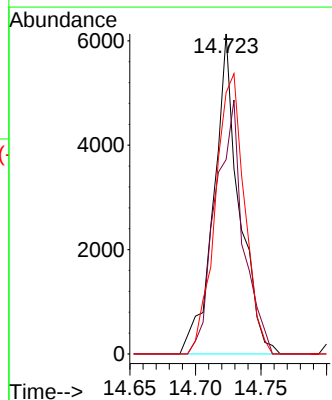
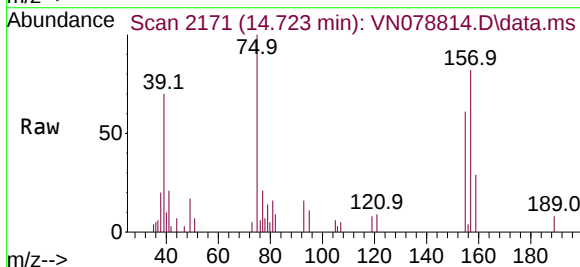
Tgt Ion: 75 Resp: 8249

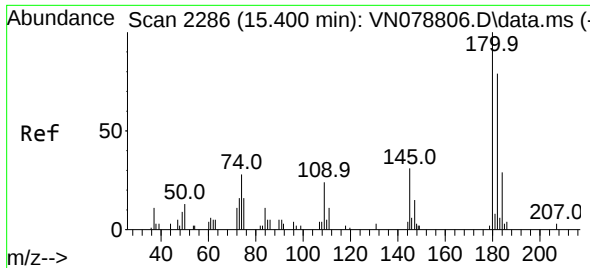
Ion Ratio Lower Upper

75 100

155 87.2 68.2 102.2

157 100.7 84.7 127.1

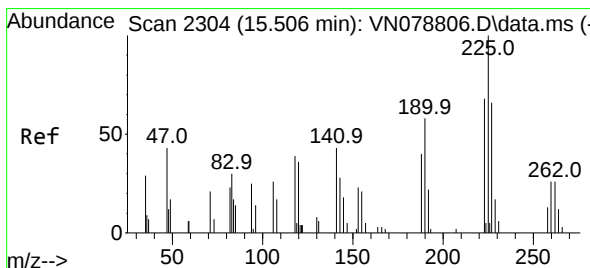
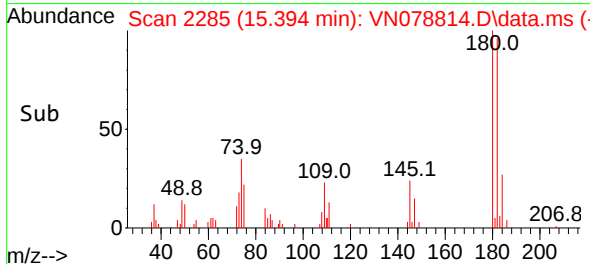
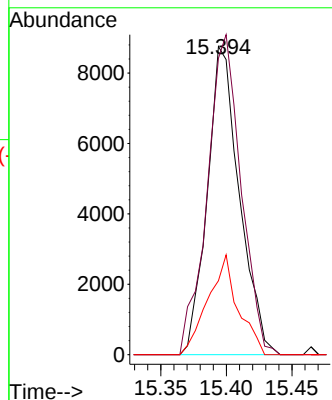
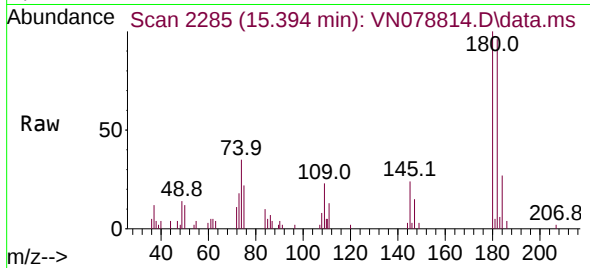




#89
 1,2,4-Trichlorobenzene
 Concen: 16.106 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN078814.D
 Acq: 09 Aug 2023 12:30

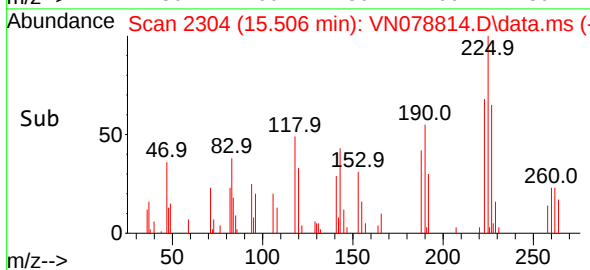
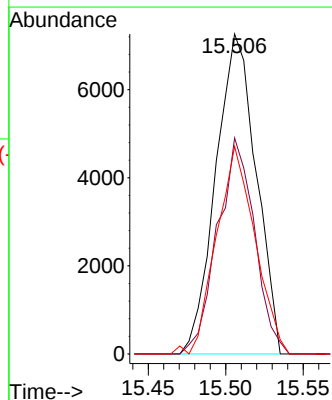
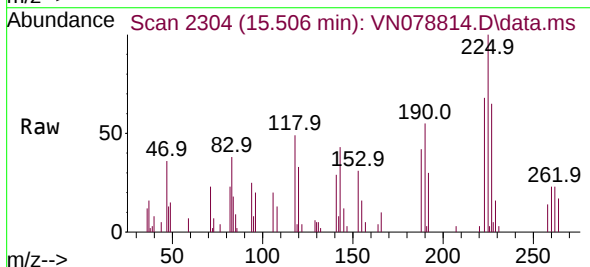
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBSD01

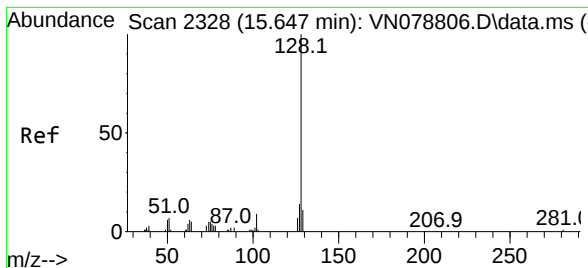
Tgt Ion:180 Resp: 14956
 Ion Ratio Lower Upper
 180 100
 182 108.7 73.7 110.5
 145 30.3 25.0 37.6



#90
 Hexachlorobutadiene
 Concen: 19.204 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN078814.D
 Acq: 09 Aug 2023 12:30

Tgt Ion:225 Resp: 13129
 Ion Ratio Lower Upper
 225 100
 223 61.8 0.0 130.0
 227 61.7 0.0 124.0

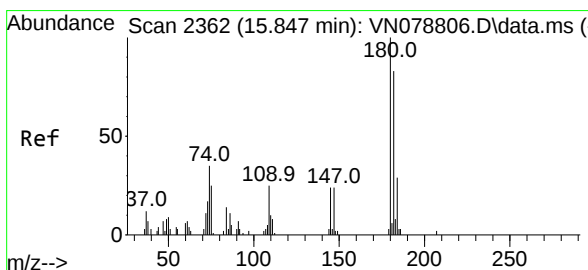
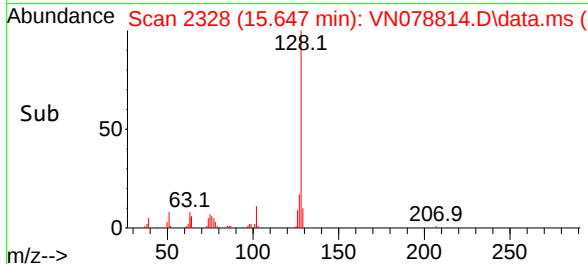
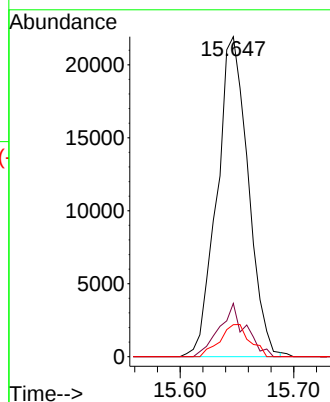
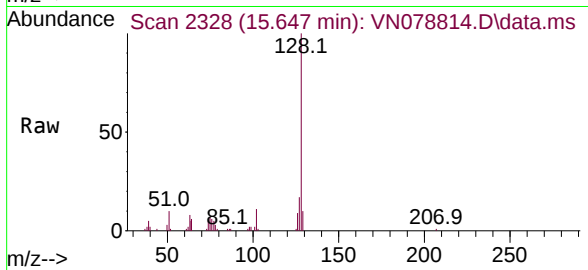




#91
Naphthalene
Concen: 14.374 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

Tgt Ion:128 Resp: 41739
Ion Ratio Lower Upper
128 100
127 10.5 10.2 15.2
129 9.5 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 15.702 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078814.D
Acq: 09 Aug 2023 12:30

Tgt Ion:180 Resp: 17102
Ion Ratio Lower Upper
180 100
182 95.6 0.0 196.4
145 35.4 0.0 71.0

