

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078373.D
 Acq On : 23 Jun 2023 12:45
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062323

Quant Time: Jun 24 01:05:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 24 00:59:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	78394	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	448927	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	385815	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	176026	29.818	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.400%
60) 4-Bromofluorobenzene	12.853	95	164317	30.229	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.767%
63) Toluene-d8	10.576	98	559690	29.940	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	103056	21.705	ug/l	96
3) Chloromethane	2.371	50	125818	21.973	ug/l	92
4) Vinyl Chloride	2.524	62	153732	21.826	ug/l	97
5) Bromomethane	2.977	94	109039	19.042	ug/l	95
6) Chloroethane	3.130	64	104230	20.775	ug/l	96
7) Trichlorofluoromethane	3.512	101	182737	22.043	ug/l	97
8) Diethyl Ether	3.977	74	57918	20.929	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.383	101	99119	21.999	ug/l	97
10) 1,1-Dichloroethene	4.359	96	94441	21.373	ug/l	92
11) Methyl Iodide	4.600	142	136623	21.825	ug/l	94
12) Methyl Acetate	5.042	43	152483	22.244	ug/l	96
13) Acrolein	4.194	56	89300	104.037	ug/l	100
14) Acrylonitrile	5.736	53	203683	109.683	ug/l	98
15) Acetone	4.442	58	65035	122.817	ug/l	88
16) Carbon Disulfide	4.730	76	251569	20.835	ug/l	99
17) Allyl chloride	5.036	41	119145	21.498	ug/l	92
18) Methylene Chloride	5.294	84	114229	21.816	ug/l	94
19) trans-1,2-Dichloroethene	5.800	96	103405	21.205	ug/l	94
20) Diisopropyl ether	6.683	45	286401	21.513	ug/l	98
21) 1,1-Dichloroethane	6.577	63	194578	22.035	ug/l	96
22) cis-1,2-Dichloroethene	7.500	96	122058	22.002	ug/l	98
23) tert-Butyl Alcohol	5.536	59	64726	93.307	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	301731	21.657	ug/l #	81
25) Chloroform	7.977	83	206424	22.120	ug/l	95
26) Cyclohexane	8.265	56	137721	21.792	ug/l #	97
29) 1,1-Dichloropropene	8.377	75	151171	21.723	ug/l	99
30) 2-Butanone	7.494	43	274292	112.448	ug/l	99
31) 2,2-Dichloropropane	7.500	77	163601	21.987	ug/l	99
32) 1,1,1-Trichloroethane	8.182	97	183601	21.652	ug/l	99
33) Carbon Tetrachloride	8.371	117	160720	21.738	ug/l	90
34) Benzene	8.612	78	449498	21.660	ug/l	100
35) Methacrylonitrile	7.788	41	61856	22.118	ug/l	85
36) 1,2-Dichloroethane	8.682	62	155983	22.046	ug/l	100
37) Trichloroethene	9.359	130	116788	22.027	ug/l	95
38) Methylcyclohexane	9.606	83	126391	20.672	ug/l	98
39) 1,2-Dichloropropane	9.629	63	115825	22.281	ug/l	95
40) Dibromomethane	9.718	93	81439	21.710	ug/l	96
41) Bromodichloromethane	9.894	83	159796	21.927	ug/l #	94
42) Vinyl Acetate	6.618	43	835799	107.561	ug/l	99

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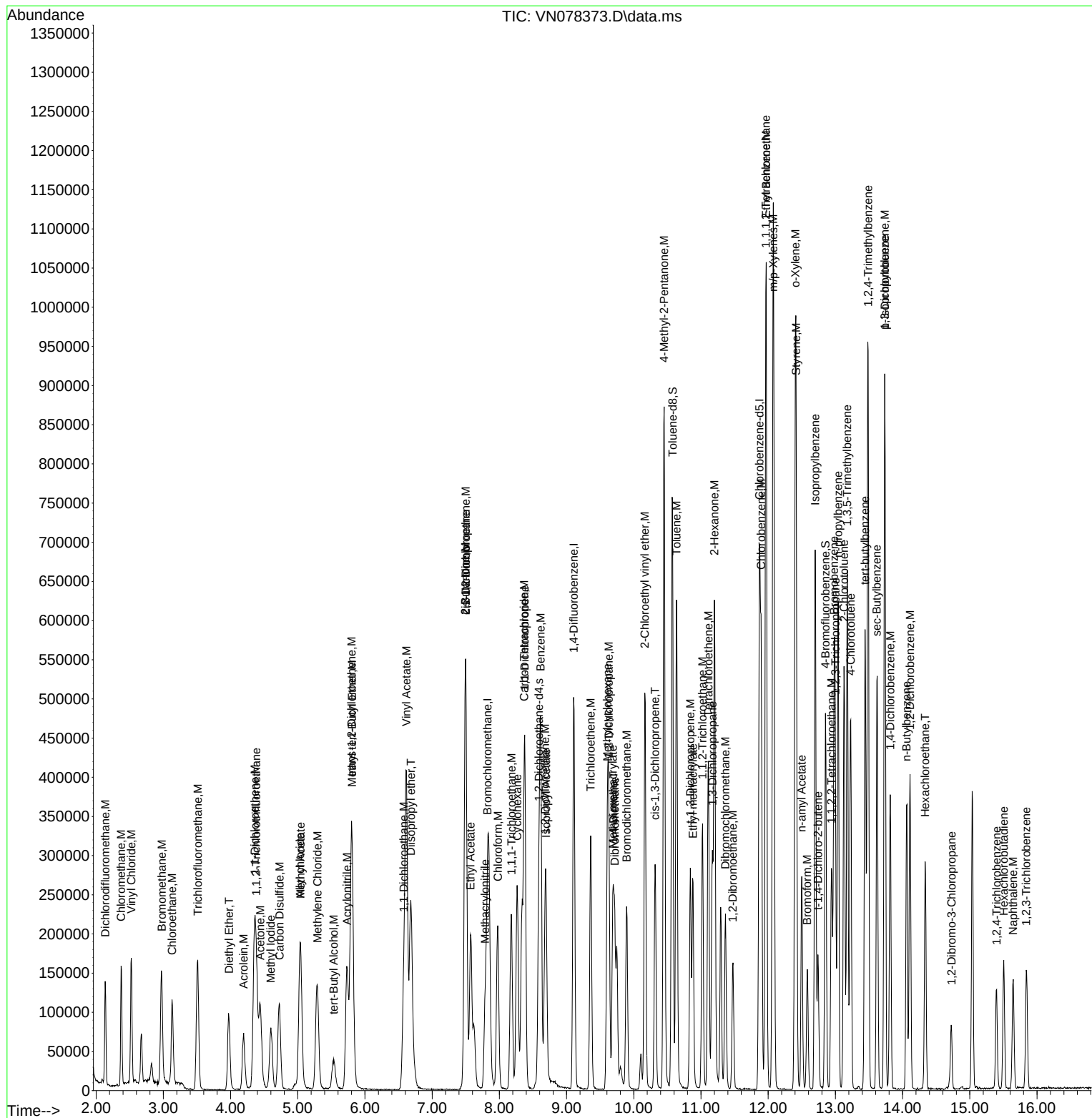
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	112462	21.897	ug/l	100
44) Isopropyl Acetate	8.694	43	193052	20.811	ug/l	97
45) 1,4-Dioxane	9.700	88	29857	364.824	ug/l #	87
46) Methyl methacrylate	9.688	41	88495	21.431	ug/l	97
47) n-amyl Acetate	12.500	43	144540	21.196	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	159022	21.256	ug/l	99
49) cis-1,3-Dichloropropene	10.318	75	174736	21.191	ug/l	96
50) 1,1,2-Trichloroethane	11.023	97	110519	21.977	ug/l	99
51) Ethyl methacrylate	10.882	69	144648	21.026	ug/l	94
52) 1,3-Dichloropropane	11.171	76	189427	22.444	ug/l	98
53) Dibromochloromethane	11.365	129	117479	22.025	ug/l	99
54) 1,2-Dibromoethane	11.470	107	113184	22.331	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	240883	94.910	ug/l	98
56) Bromoform	12.582	173	69676	21.340	ug/l #	96
58) 4-Methyl-2-Pentanone	10.453	43	569631	110.561	ug/l	100
59) 2-Hexanone	11.200	43	395040	111.020	ug/l	100
61) Tetrachloroethene	11.112	164	97198	22.991	ug/l	90
62) Toluene	10.635	91	494726	22.033	ug/l	99
64) Chlorobenzene	11.894	112	293145	22.027	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	111881	21.801	ug/l	98
66) Ethyl Benzene	11.970	91	502310	21.985	ug/l	99
67) m/p-Xylenes	12.076	106	385498	44.623	ug/l	99
68) o-Xylene	12.406	106	187753	22.412	ug/l	97
69) Styrene	12.417	104	291561	21.981	ug/l	98
70) Isopropylbenzene	12.700	105	453418	22.027	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	147799	22.079	ug/l	97
72) 1,2,3-Trichloropropane	13.000	75	169277	30.338	ug/l	59
73) Bromobenzene	12.982	156	106549	21.650	ug/l	99
74) n-propylbenzene	13.041	91	485994	21.712	ug/l	100
75) 2-Chlorotoluene	13.129	91	325807	21.502	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	366299	21.460	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	37967	21.051	ug/l	82
78) 4-Chlorotoluene	13.229	91	297320	20.968	ug/l	100
79) tert-butylbenzene	13.441	119	305583	21.763	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	360275	22.337	ug/l	98
81) sec-Butylbenzene	13.617	105	373041	21.296	ug/l	98
82) p-Isopropyltoluene	13.735	119	302917	21.499	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	165923	21.271	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	159516	21.151	ug/l	98
85) n-Butylbenzene	14.059	91	210761	20.251	ug/l	99
86) Hexachloroethane	14.335	117	57689	21.273	ug/l	97
87) 1,2-Dichlorobenzene	14.111	146	166606	21.547	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.729	75	20862	20.684	ug/l	96
89) 1,2,4-Trichlorobenzene	15.400	180	41824	17.740	ug/l	96
90) Hexachlorobutadiene	15.506	225	30460	19.003	ug/l	90
91) Naphthalene	15.647	128	131769	17.057	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	52422	19.220	ug/l	95

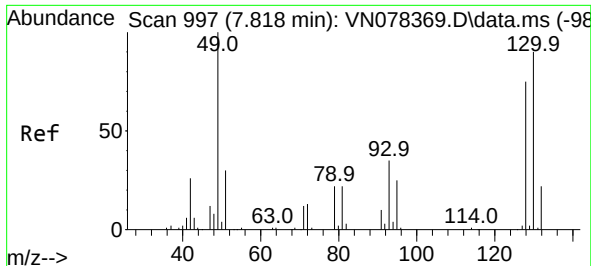
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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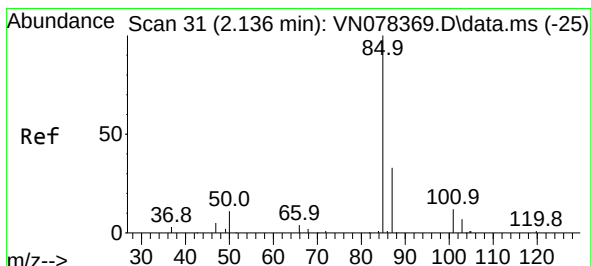
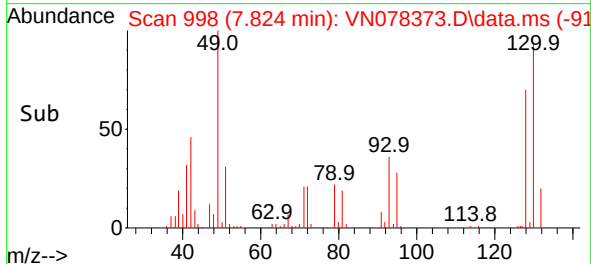
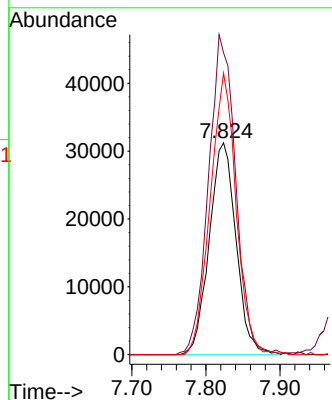
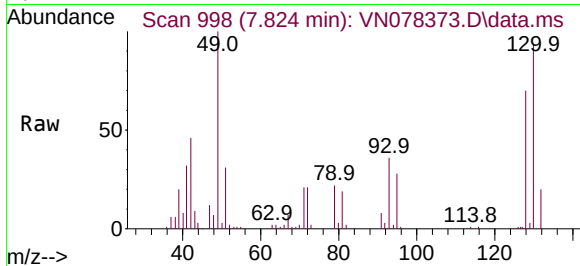




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.824 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN078373.D
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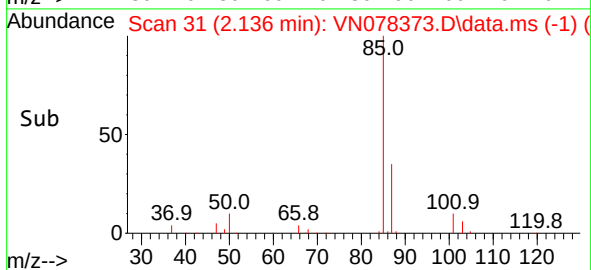
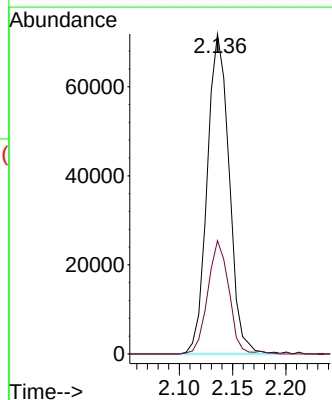
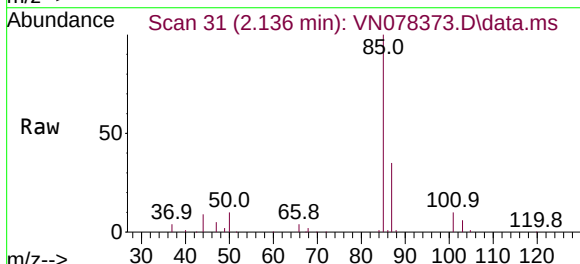
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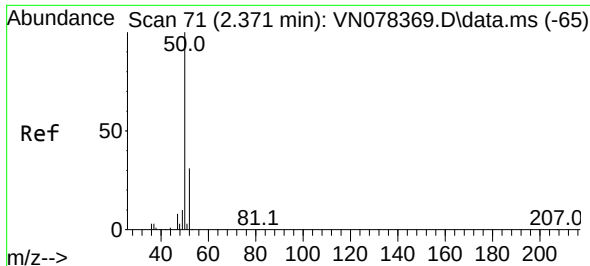
Tgt Ion:	128	Resp:	78394
Ion	Ratio	Lower	Upper
128	100		
49	152.8	0.0	370.8
130	127.9	0.0	307.0



#2
 Dichlorodifluoromethane
 Concen: 21.705 ug/l
 RT: 2.136 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VN078373.D
 Acq: 23 Jun 2023 12:45

Tgt Ion:	85	Resp:	103056
Ion	Ratio	Lower	Upper
85	100		
87	35.4	16.4	49.4

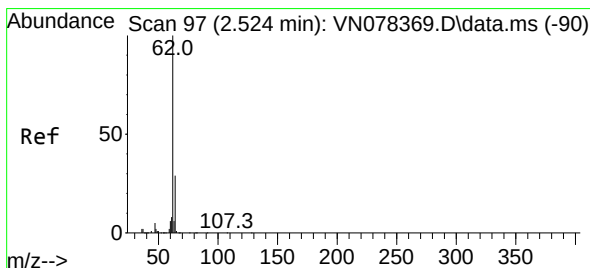
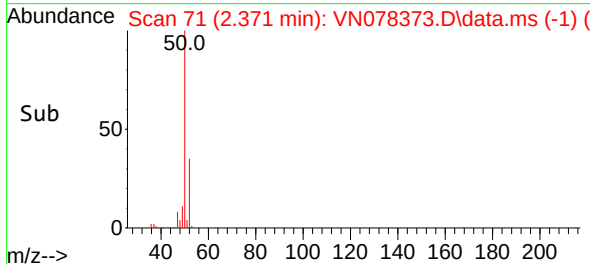
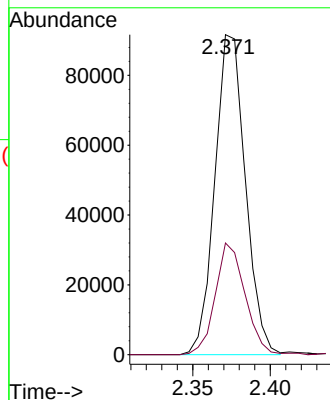
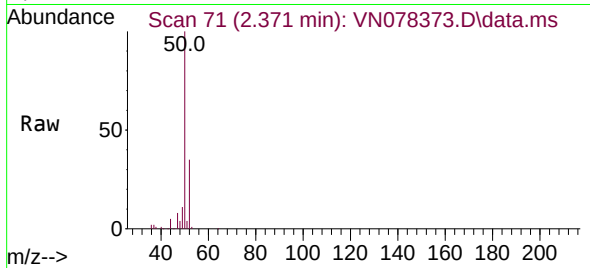




#3
Chloromethane
Concen: 21.973 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

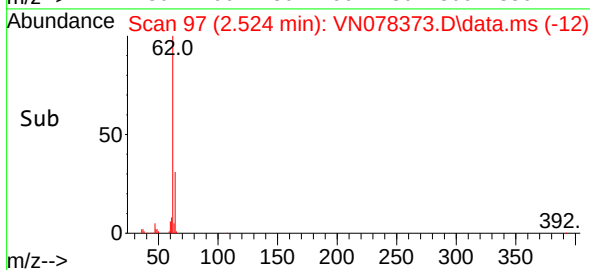
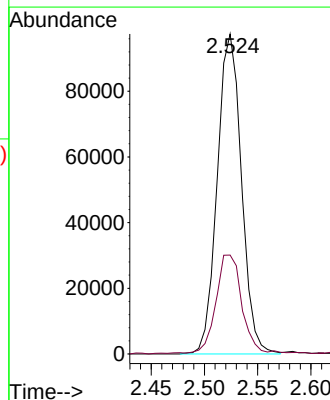
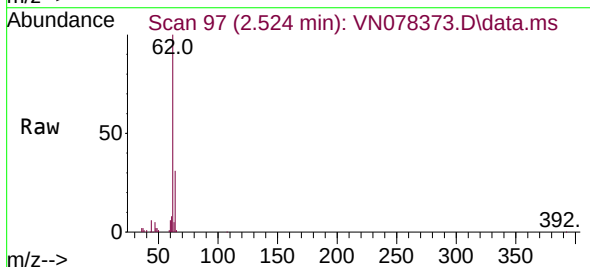
Instrument :
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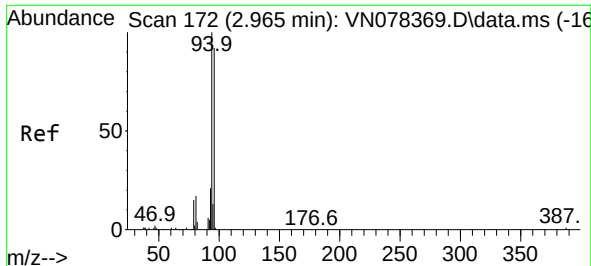
Tgt Ion: 50 Resp: 125818
Ion Ratio Lower Upper
50 100
52 34.9 24.6 36.8



#4
Vinyl Chloride
Concen: 21.826 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion: 62 Resp: 153732
Ion Ratio Lower Upper
62 100
64 30.5 23.3 34.9

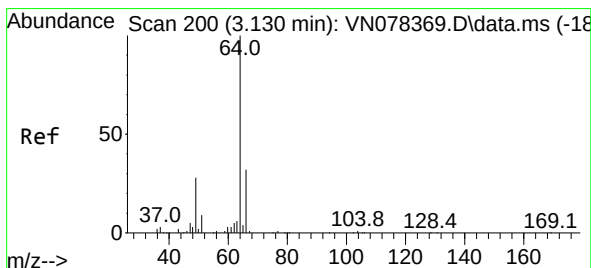
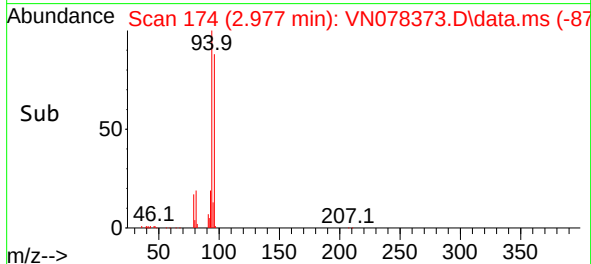
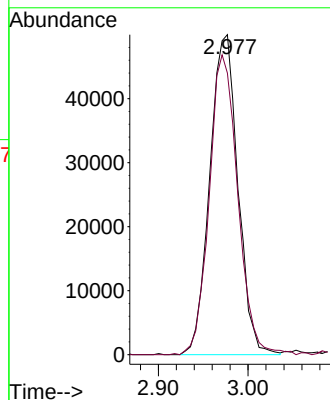
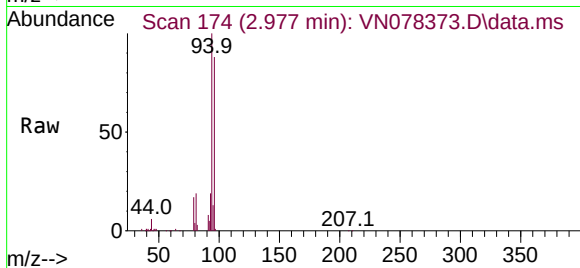




#5
Bromomethane
Concen: 19.042 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

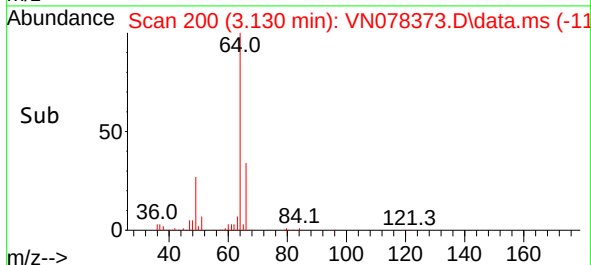
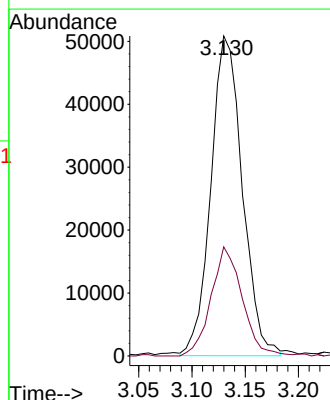
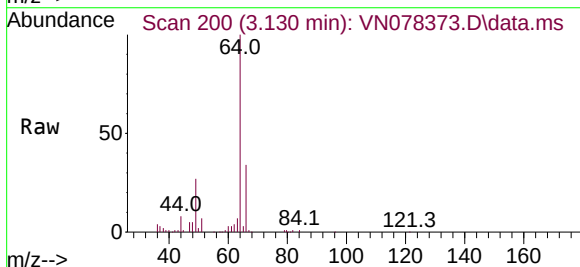
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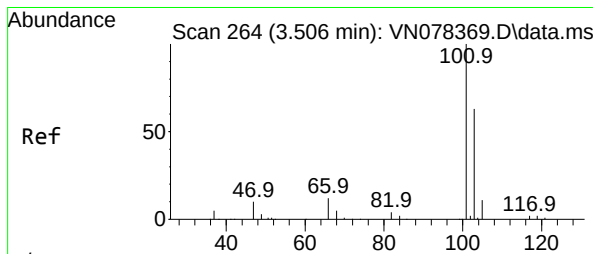
Tgt Ion: 94 Resp: 109039
Ion Ratio Lower Upper
94 100
96 88.0 73.9 110.9



#6
Chloroethane
Concen: 20.775 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion: 64 Resp: 104230
Ion Ratio Lower Upper
64 100
66 34.4 25.7 38.5

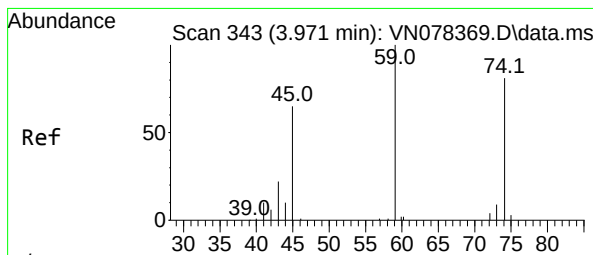
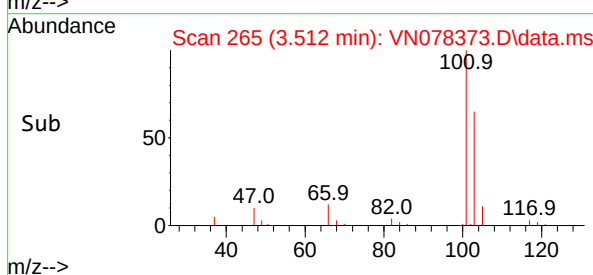
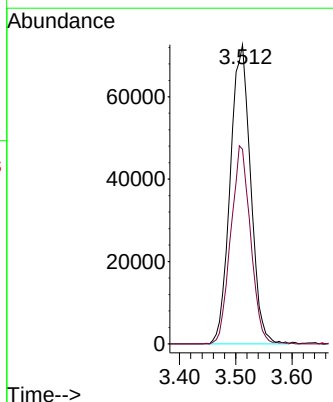
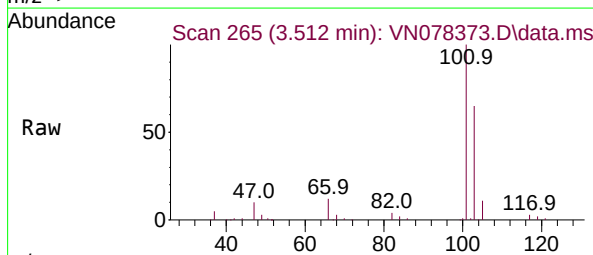




#7
Trichlorofluoromethane
Concen: 22.043 ug/l
RT: 3.512 min Scan# 21
Delta R.T. 0.006 min
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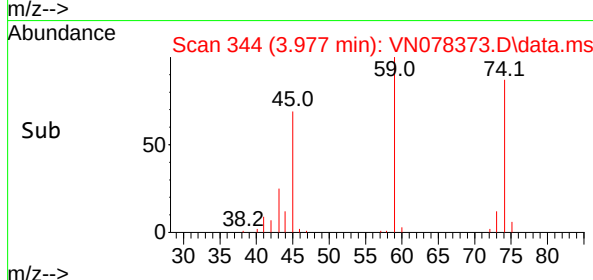
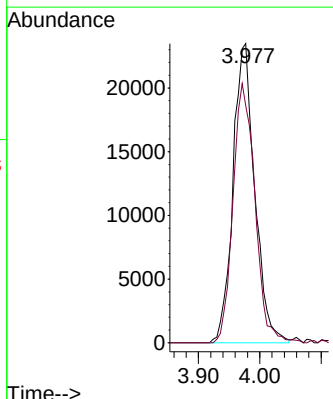
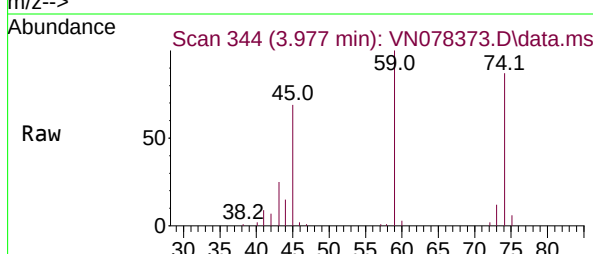
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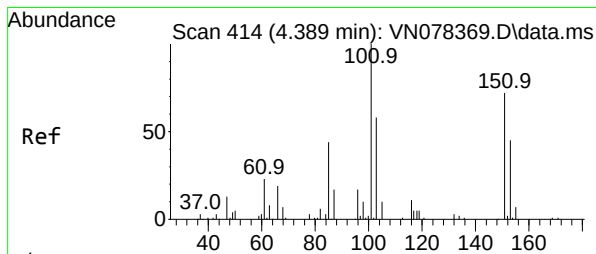
Tgt Ion:101 Resp: 182737
Ion Ratio Lower Upper
101 100
103 65.0 50.4 75.6



#8
Diethyl Ether
Concen: 20.929 ug/l
RT: 3.977 min Scan# 344
Delta R.T. 0.006 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion: 74 Resp: 57918
Ion Ratio Lower Upper
74 100
45 87.0 16.3 146.5

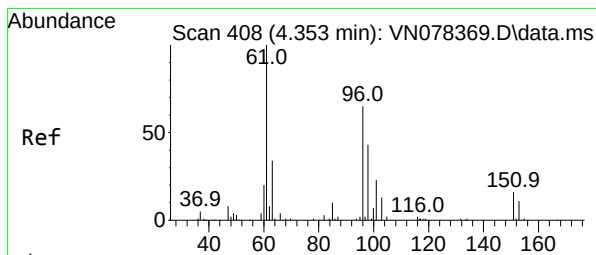
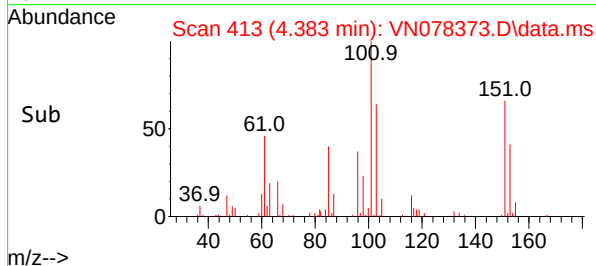
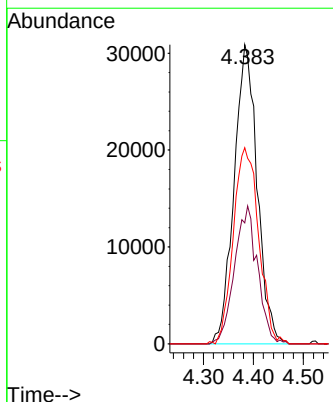
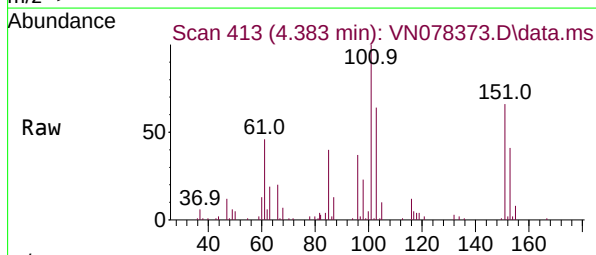




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.999 ug/l
 RT: 4.383 min Scan# 414
 Delta R.T. -0.006 min
 Lab File: VN078373.D
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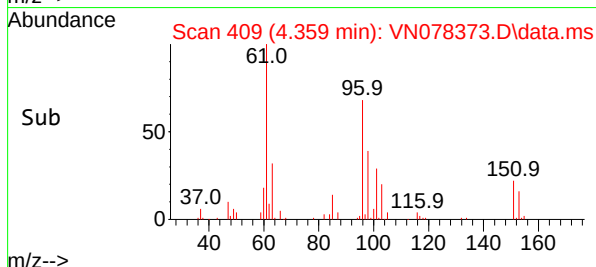
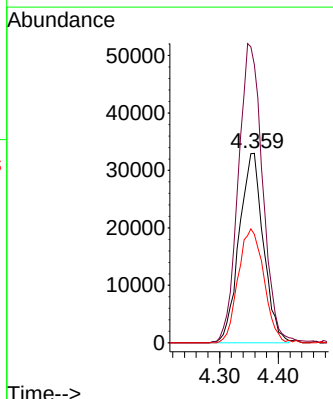
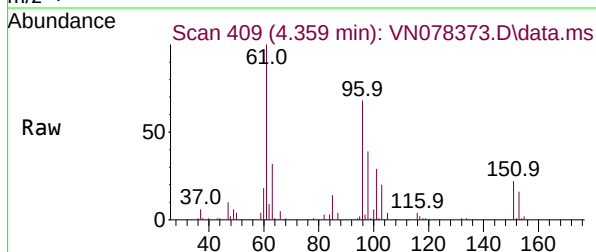
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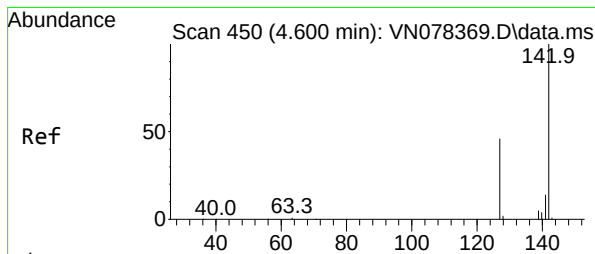
Tgt Ion: 101 Resp: 99119
 Ion Ratio Lower Upper
 101 100
 85 45.5 0.0 89.2
 151 71.4 0.0 148.8



#10
 1,1-Dichloroethene
 Concen: 21.373 ug/l
 RT: 4.359 min Scan# 409
 Delta R.T. 0.006 min
 Lab File: VN078373.D
 Acq: 23 Jun 2023 12:45

Tgt Ion: 96 Resp: 94441
 Ion Ratio Lower Upper
 96 100
 61 146.8 123.4 185.2
 98 57.2 53.7 80.5





#11
Methyl Iodide

Concen: 21.825 ug/l

RT: 4.600 min Scan# 4

Delta R.T. 0.000 min

Lab File: VN078373.D

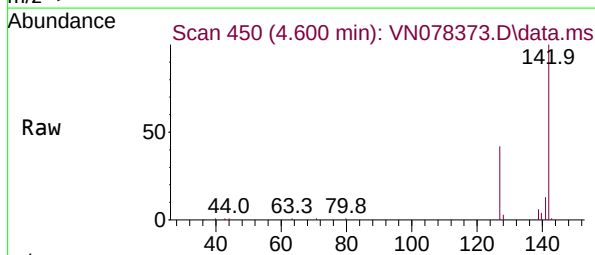
Acq: 23 Jun 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062323



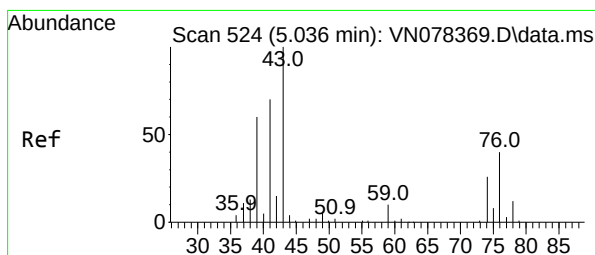
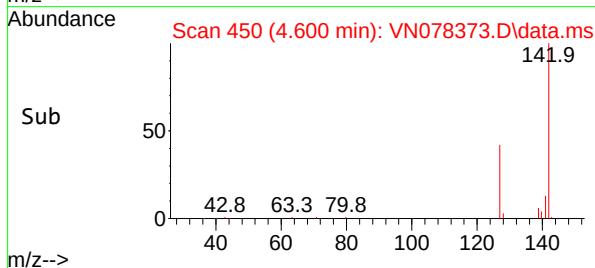
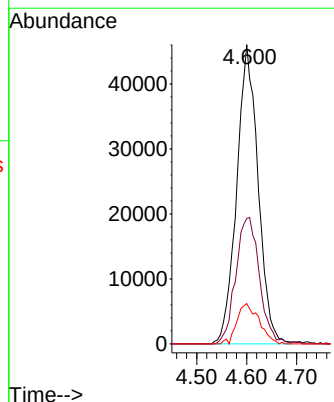
Tgt Ion:142 Resp: 136623

Ion Ratio Lower Upper

142 100

127 41.8 23.2 69.5

141 13.2 7.2 21.7



#12

Methyl Acetate

Concen: 22.244 ug/l

RT: 5.042 min Scan# 525

Delta R.T. 0.006 min

Lab File: VN078373.D

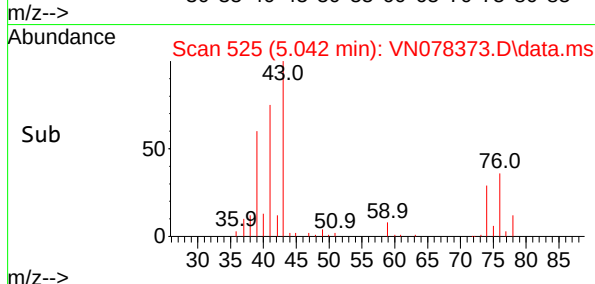
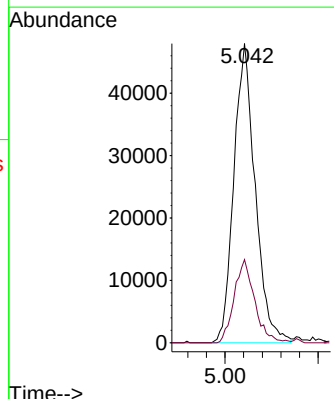
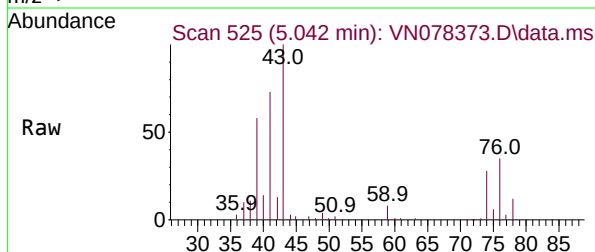
Acq: 23 Jun 2023 12:45

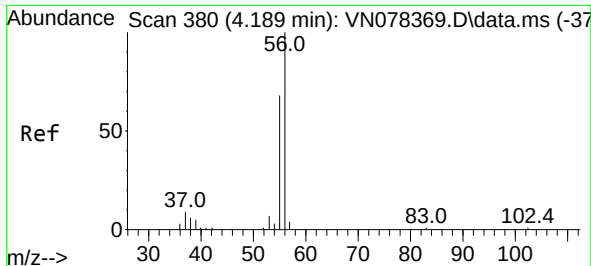
Tgt Ion: 43 Resp: 152483

Ion Ratio Lower Upper

43 100

74 27.8 20.5 30.7

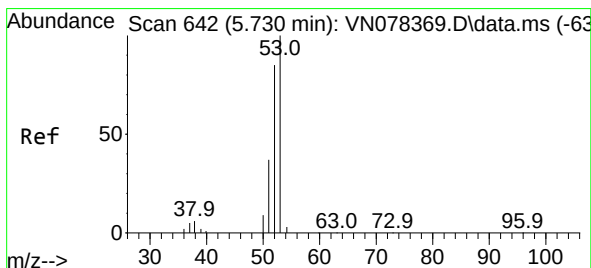
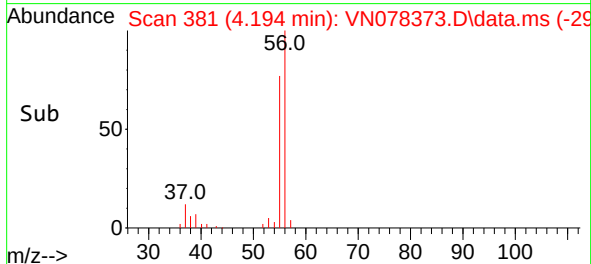
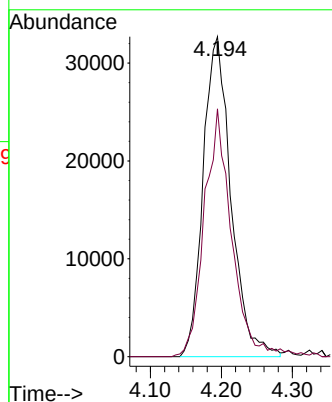
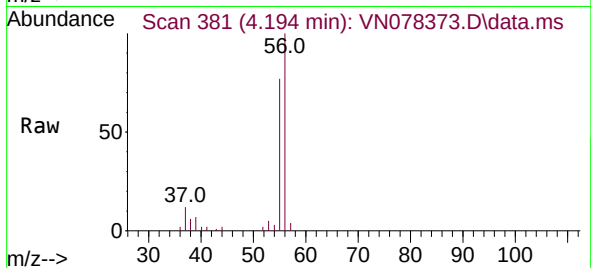




#13
Acrolein
Concen: 104.037 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

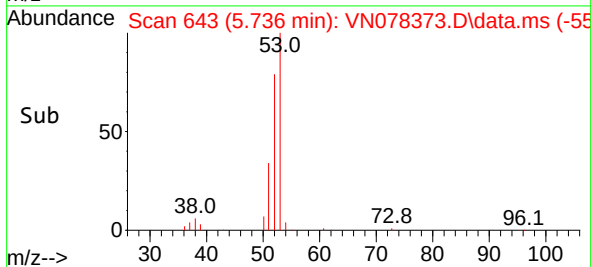
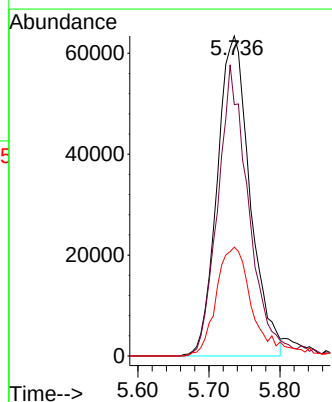
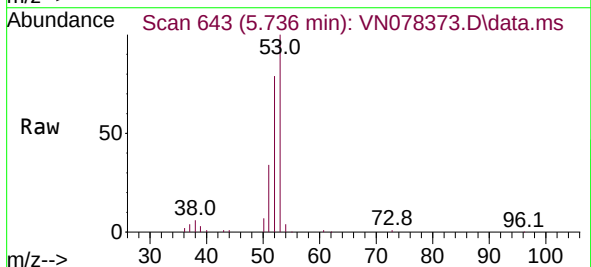
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

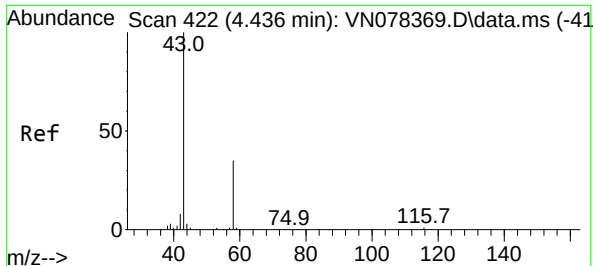
Tgt Ion: 56 Resp: 89300
Ion Ratio Lower Upper
56 100
55 73.3 59.0 88.4



#14
Acrylonitrile
Concen: 109.683 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.006 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion: 53 Resp: 203683
Ion Ratio Lower Upper
53 100
52 85.2 42.3 126.9
51 34.5 18.4 55.4





#15

Acetone

Concen: 122.817 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

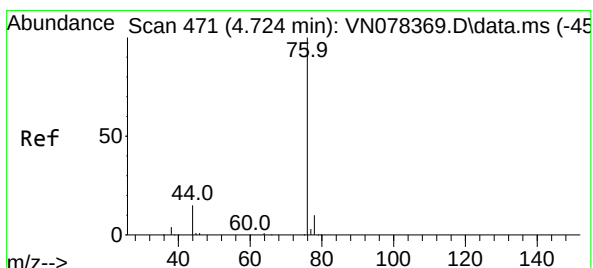
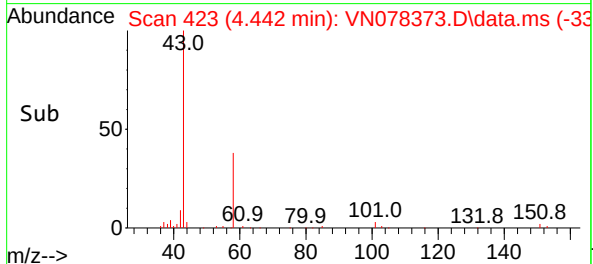
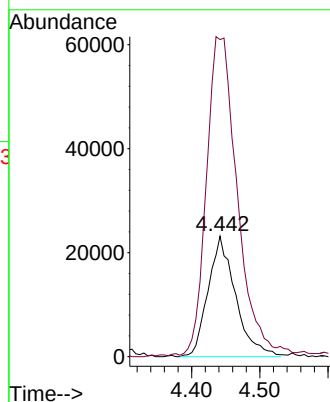
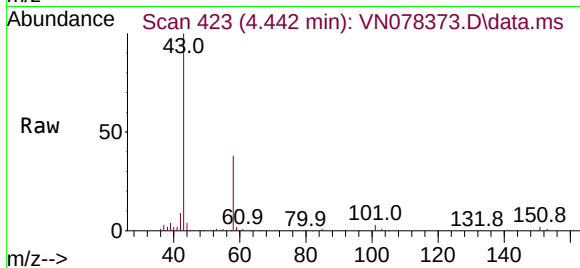
ICVVN062323

Tgt Ion: 58 Resp: 65035

Ion Ratio Lower Upper

58 100

43 262.0 227.5 341.3



#16

Carbon Disulfide

Concen: 20.835 ug/l

RT: 4.730 min Scan# 472

Delta R.T. 0.006 min

Lab File: VN078373.D

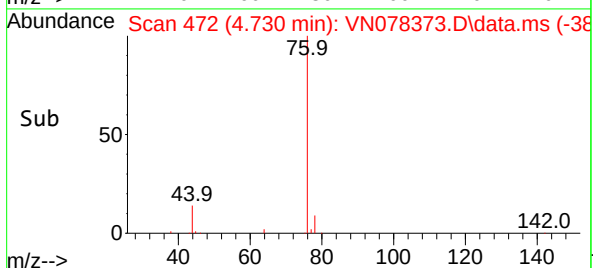
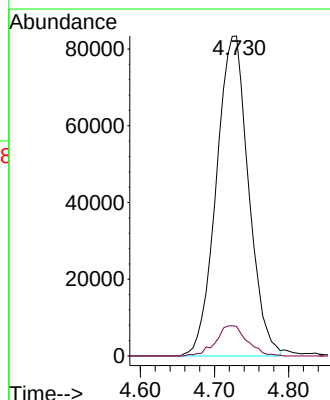
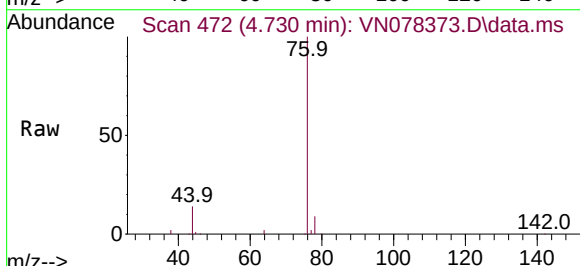
Acq: 23 Jun 2023 12:45

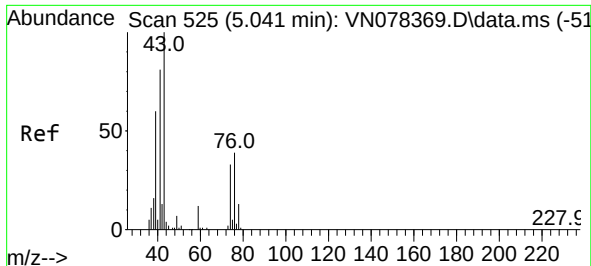
Tgt Ion: 76 Resp: 251569

Ion Ratio Lower Upper

76 100

78 9.3 7.7 11.5

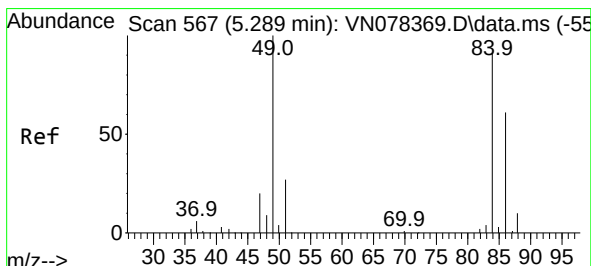
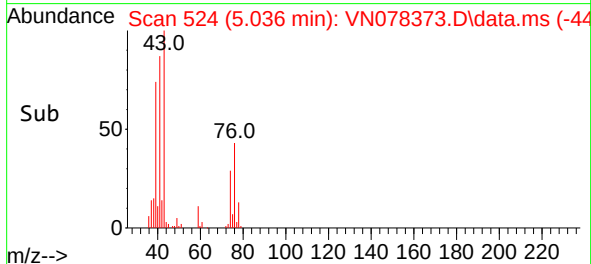
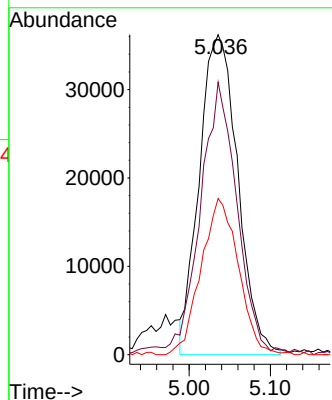
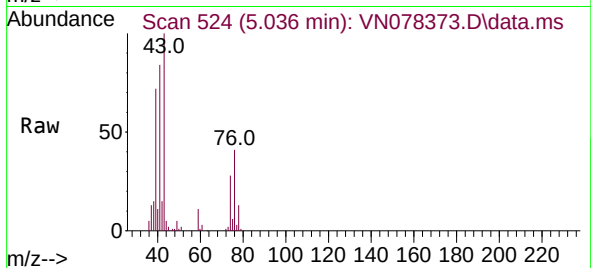




#17
Allyl chloride
Concen: 21.498 ug/l
RT: 5.036 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

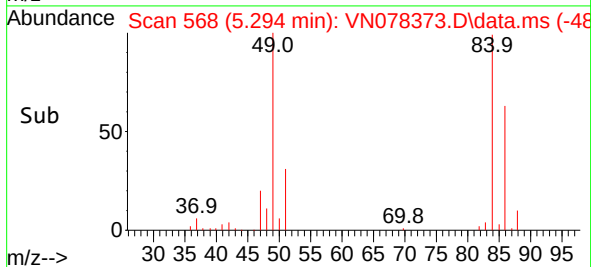
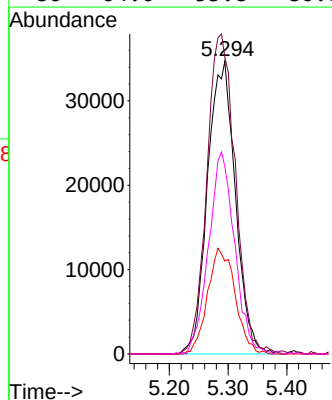
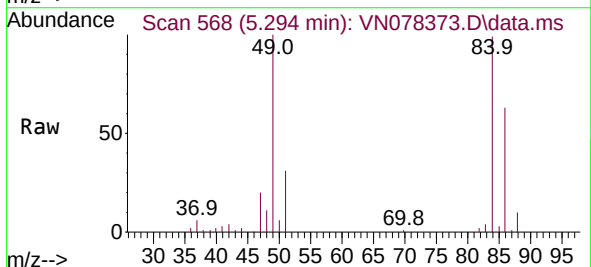
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

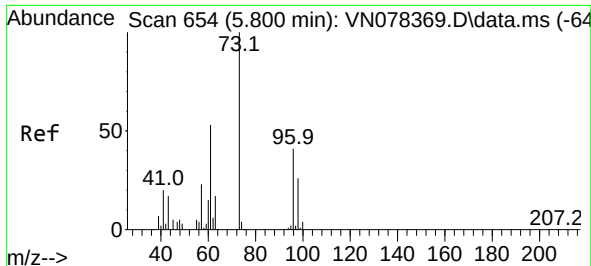
Tgt Ion:	41	Resp:	119145
Ion	Ratio	Lower	Upper
41	100		
39	84.7	37.6	112.8
76	49.0	23.8	71.4



#18
Methylene Chloride
Concen: 21.816 ug/l
RT: 5.294 min Scan# 568
Delta R.T. 0.006 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion:	84	Resp:	114229
Ion	Ratio	Lower	Upper
84	100		
49	100.9	88.1	132.1
51	31.7	24.0	36.0
86	64.0	53.8	80.8

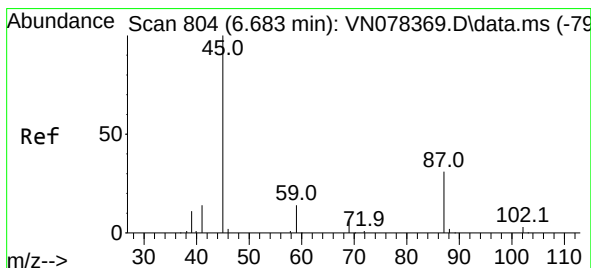
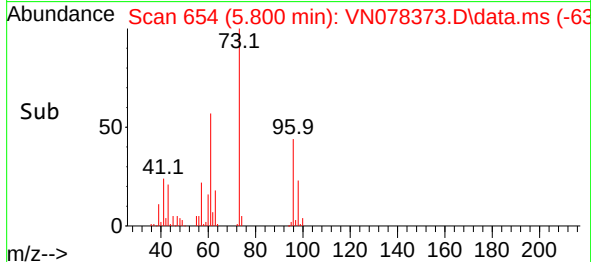
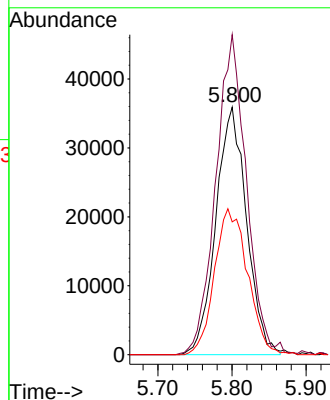
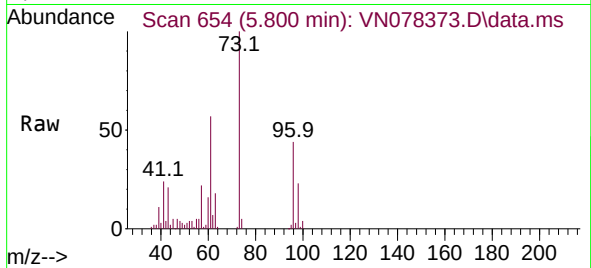




#19
trans-1,2-Dichloroethene
Concen: 21.205 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

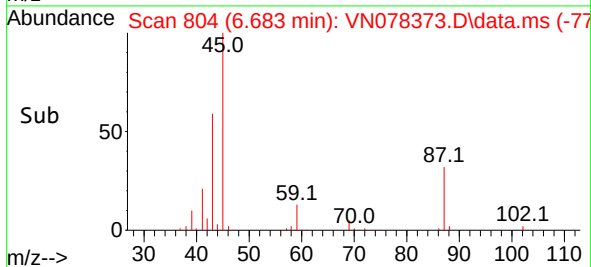
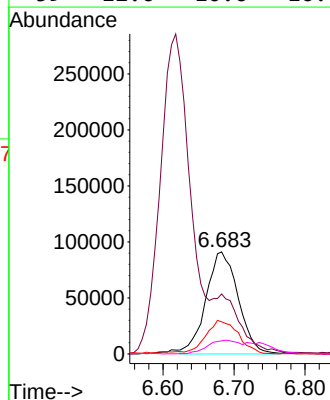
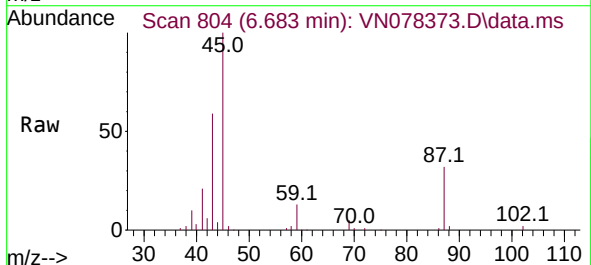
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

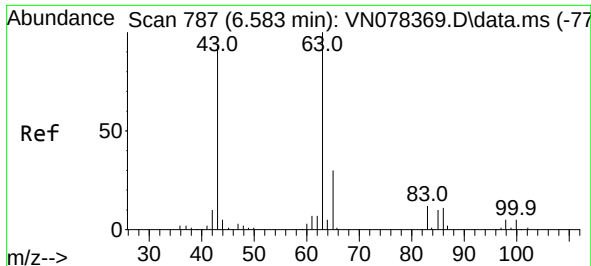
Tgt Ion: 96 Resp: 103405
Ion Ratio Lower Upper
96 100
61 128.8 105.2 157.8
98 53.6 50.5 75.7



#20
Diisopropyl ether
Concen: 21.513 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion: 45 Resp: 286401
Ion Ratio Lower Upper
45 100
43 56.7 43.6 65.4
87 31.5 25.8 38.6
59 12.6 10.6 16.0





#21

1,1-Dichloroethane

Concen: 22.035 ug/l

RT: 6.577 min Scan# 786

Delta R.T. -0.006 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062323

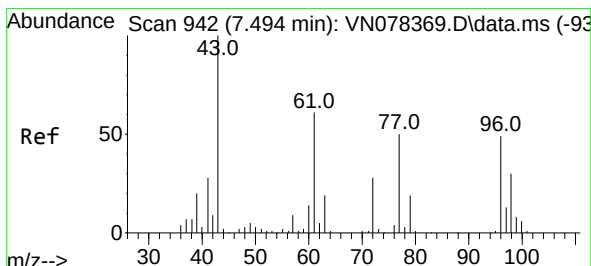
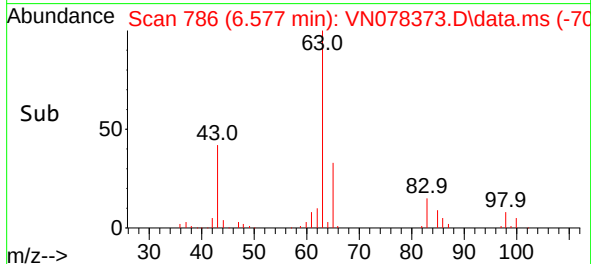
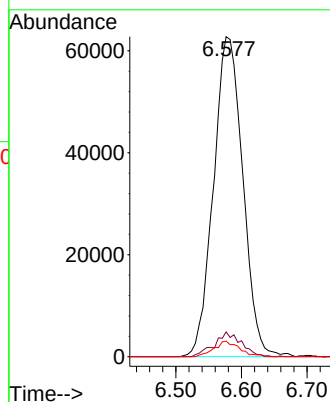
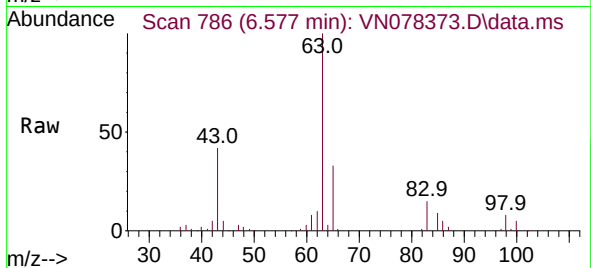
Tgt Ion: 63 Resp: 194578

Ion Ratio Lower Upper

63 100

98 7.8 2.7 8.1

100 4.8 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 22.002 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.006 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

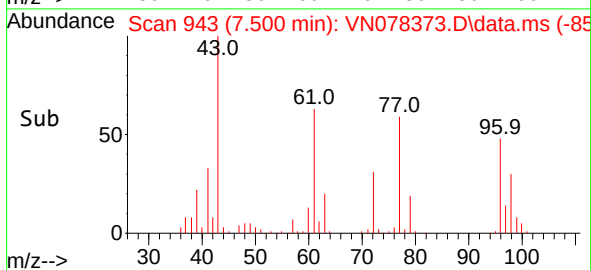
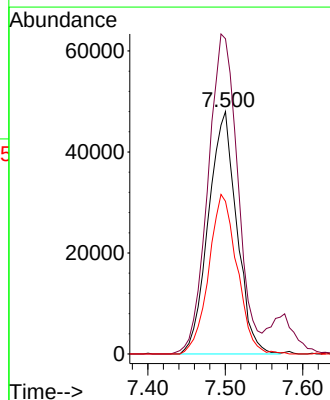
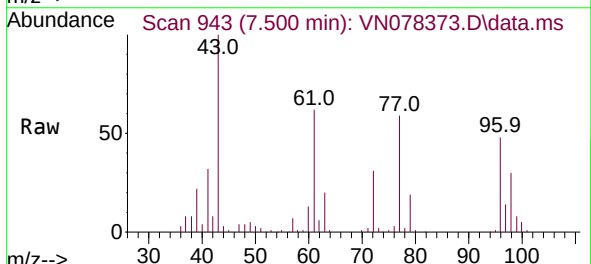
Tgt Ion: 96 Resp: 122058

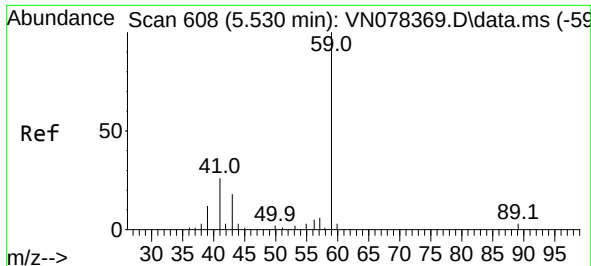
Ion Ratio Lower Upper

96 100

61 138.9 113.8 170.6

98 65.4 52.2 78.4

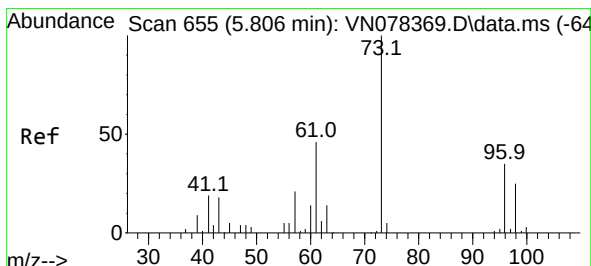
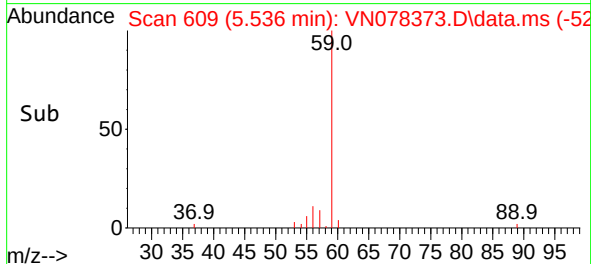
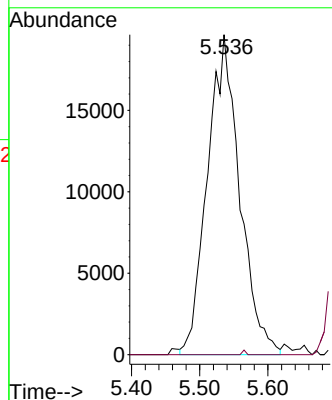
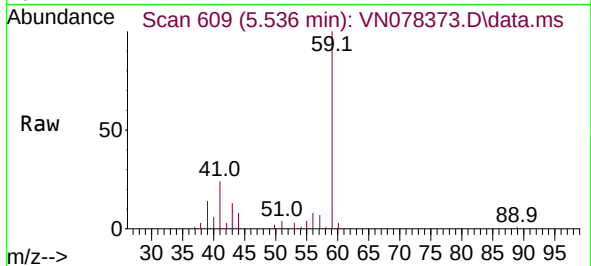




#23
tert-Butyl Alcohol
Concen: 93.307 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

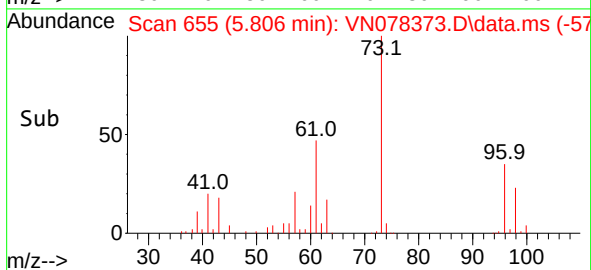
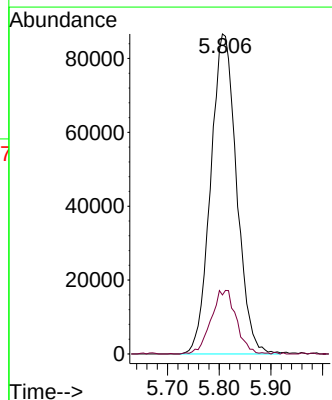
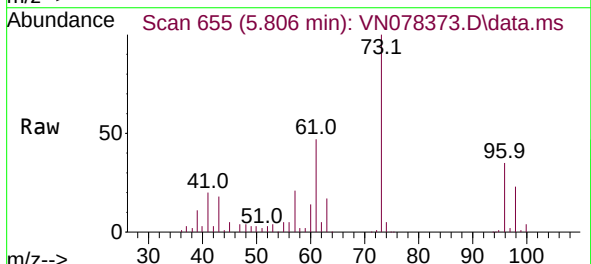
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

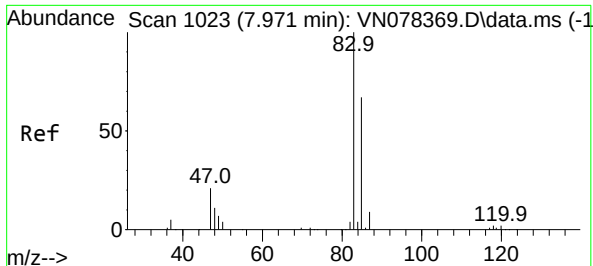
Tgt Ion: 59 Resp: 64726
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 21.657 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion: 73 Resp: 301731
Ion Ratio Lower Upper
73 100
43 9.5 14.5 21.7#





#25

Chloroform

Concen: 22.120 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

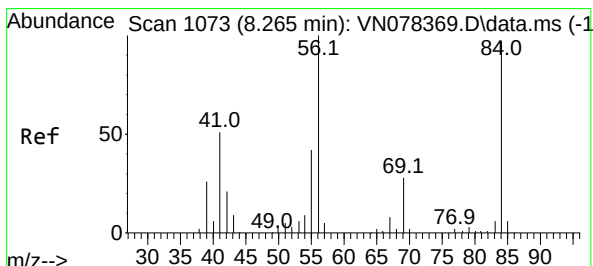
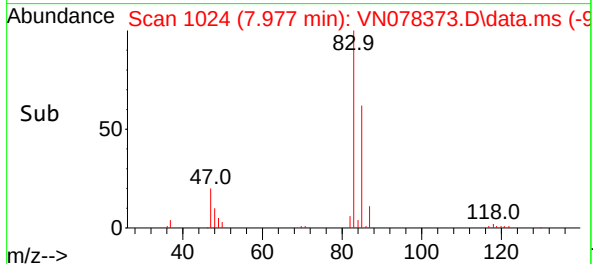
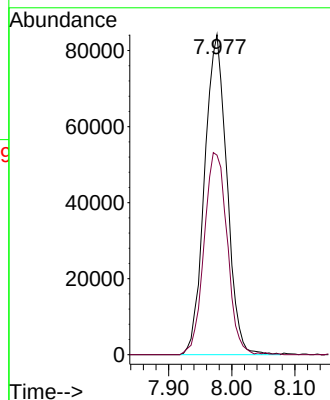
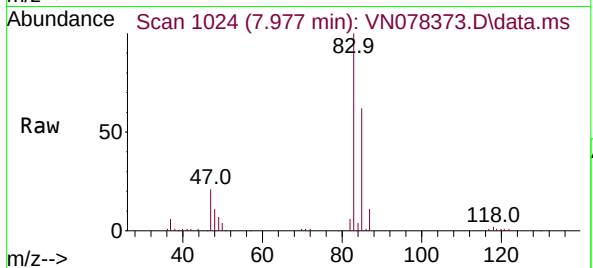
ICVVN062323

Tgt Ion: 83 Resp: 206424

Ion Ratio Lower Upper

83 100

85 62.4 53.4 80.0



#26

Cyclohexane

Concen: 21.792 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

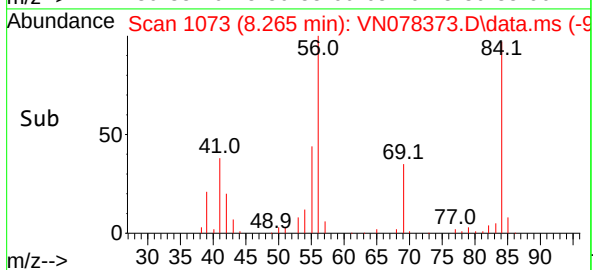
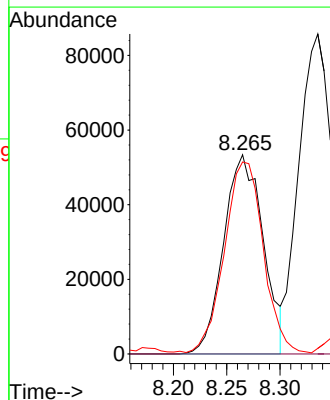
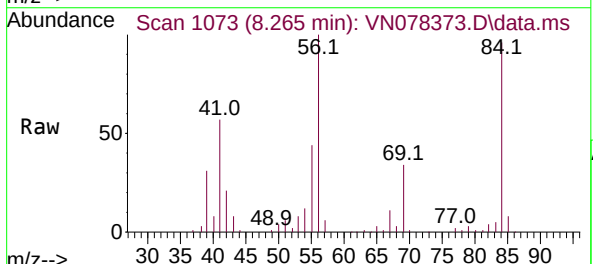
Tgt Ion: 56 Resp: 137721

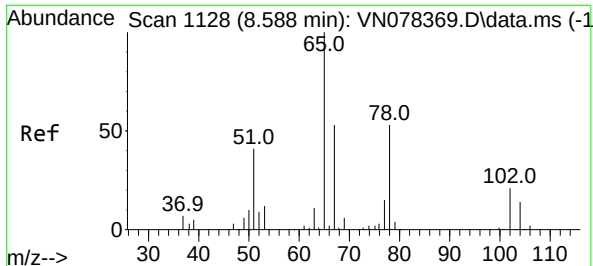
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 95.4 74.2 111.4





#27

1,2-Dichloroethane-d4

Concen: 29.818 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

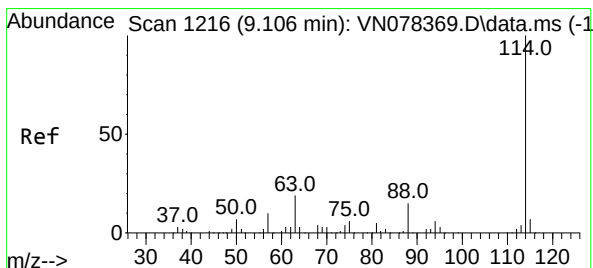
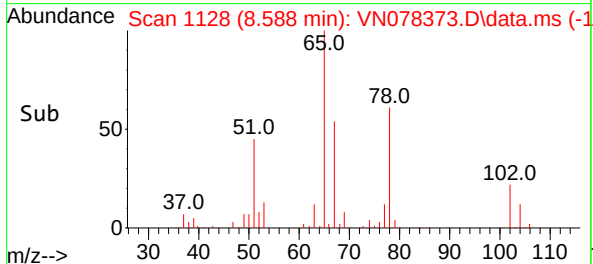
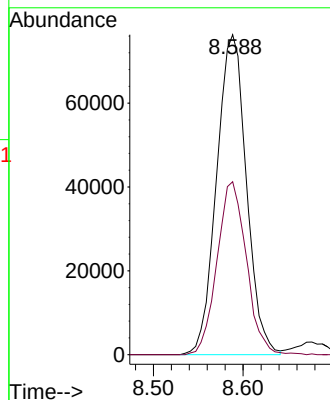
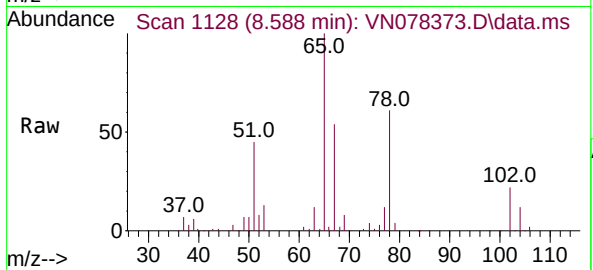
ICVVN062323

Tgt Ion: 65 Resp: 176026

Ion Ratio Lower Upper

65 100

67 53.1 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: VN078373.D

Acq: 23 Jun 2023 12:45

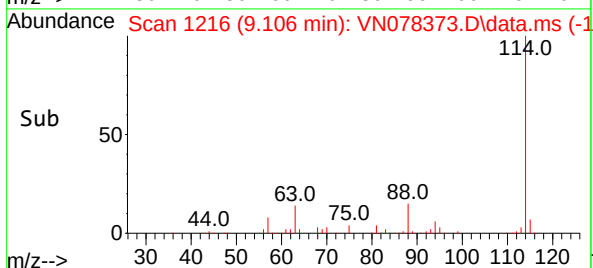
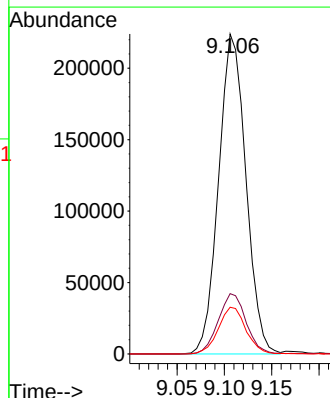
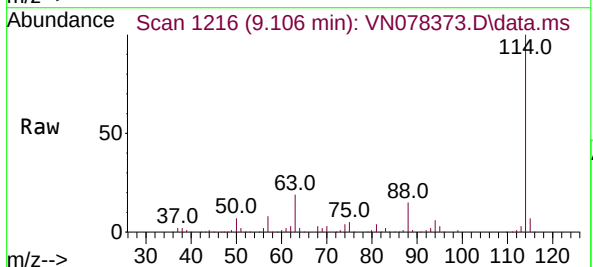
Tgt Ion: 114 Resp: 448927

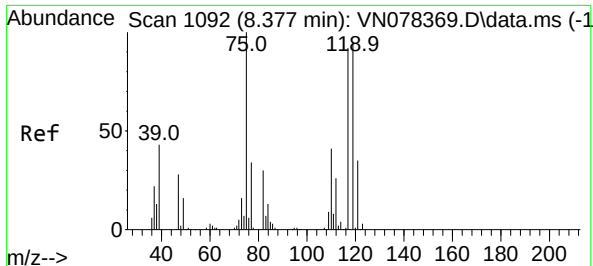
Ion Ratio Lower Upper

114 100

63 19.2 15.2 22.8

88 14.8 12.5 18.7





#29

1,1-Dichloropropene

Concen: 21.723 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062323

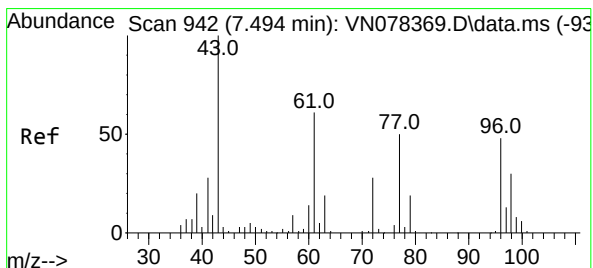
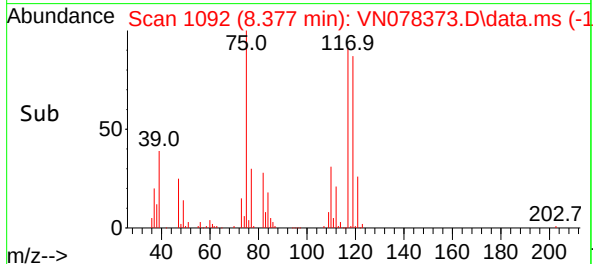
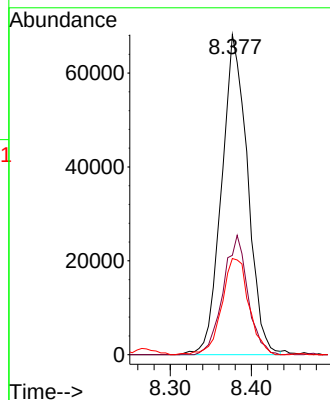
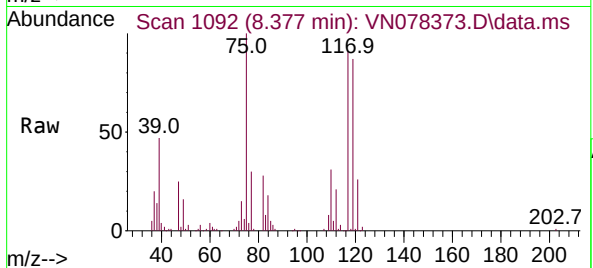
Tgt Ion: 75 Resp: 151171

Ion Ratio Lower Upper

75 100

110 35.5 0.0 72.2

77 31.3 0.0 62.8



#30

2-Butanone

Concen: 112.448 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

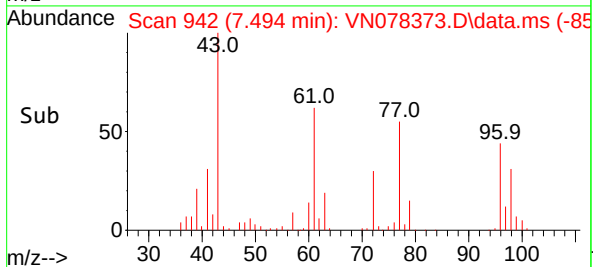
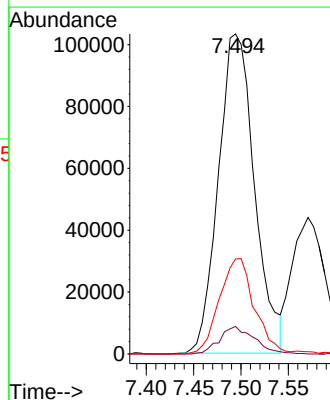
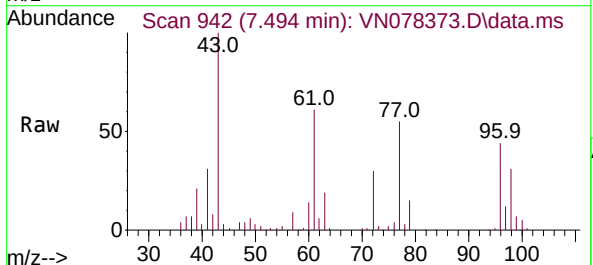
Tgt Ion: 43 Resp: 274292

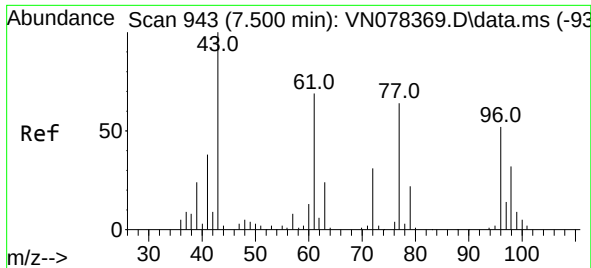
Ion Ratio Lower Upper

43 100

57 8.3 6.8 10.2

72 28.9 23.8 35.6

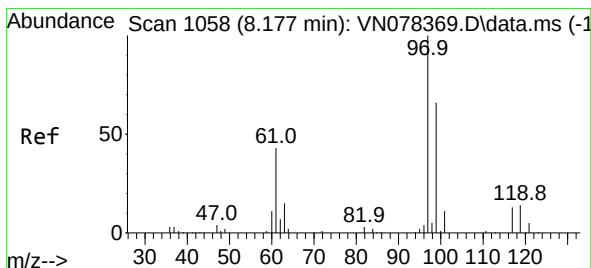
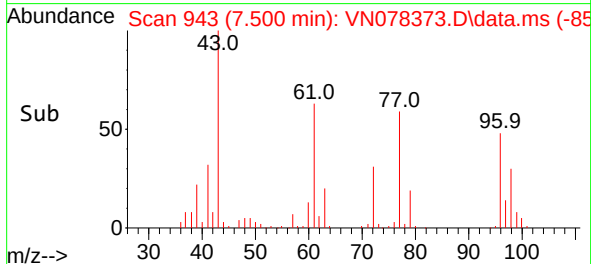
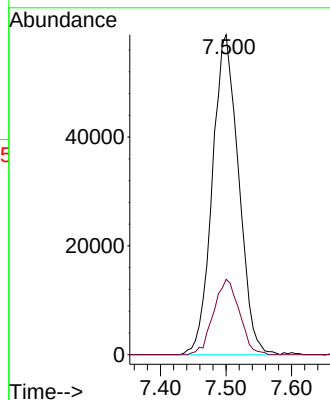
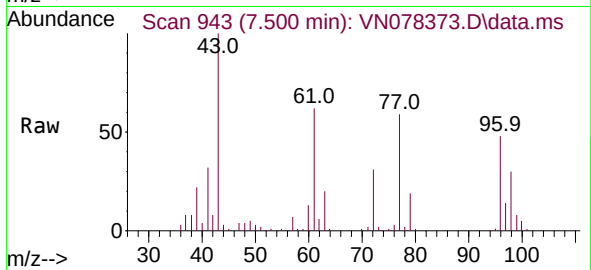




#31
2,2-Dichloropropane
Concen: 21.987 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

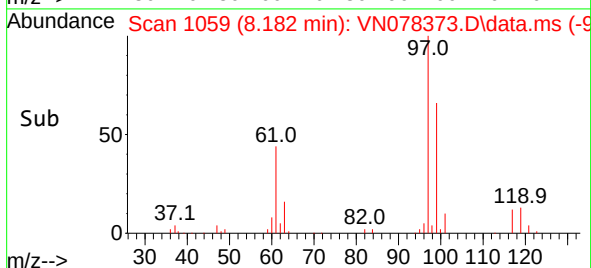
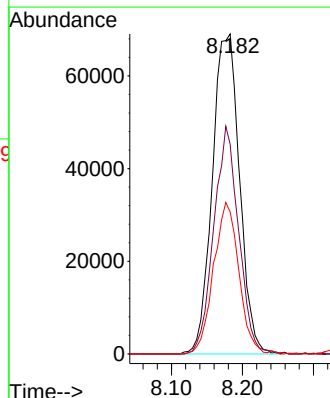
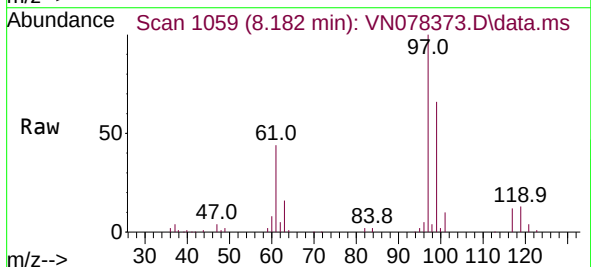
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

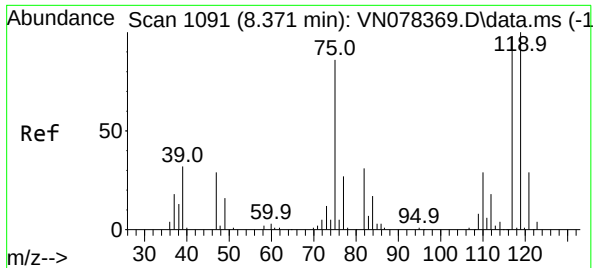
Tgt Ion: 77 Resp: 163601
Ion Ratio Lower Upper
77 100
97 23.2 18.8 28.2



#32
1,1,1-Trichloroethane
Concen: 21.652 ug/l
RT: 8.182 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion: 97 Resp: 183601
Ion Ratio Lower Upper
97 100
99 64.9 51.3 76.9
61 44.0 34.6 52.0

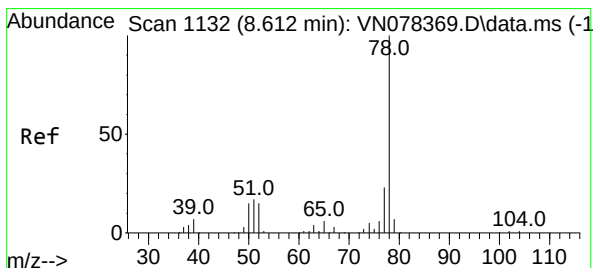
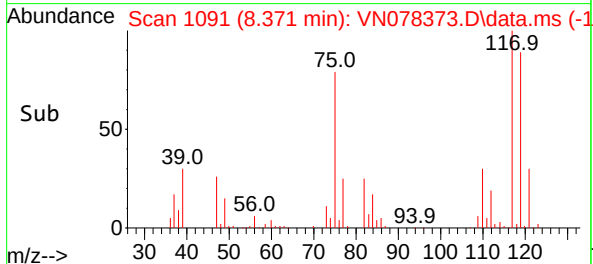
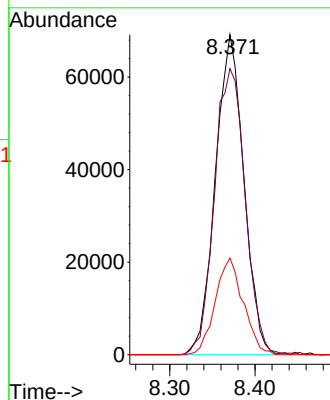
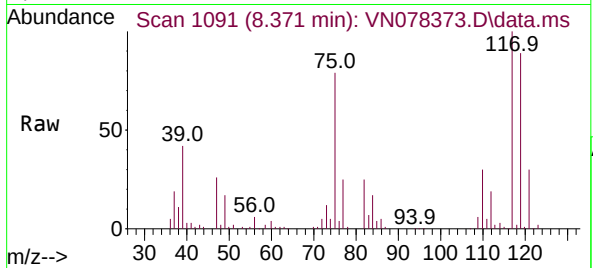




#33
Carbon Tetrachloride
Concen: 21.738 ug/l
RT: 8.371 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

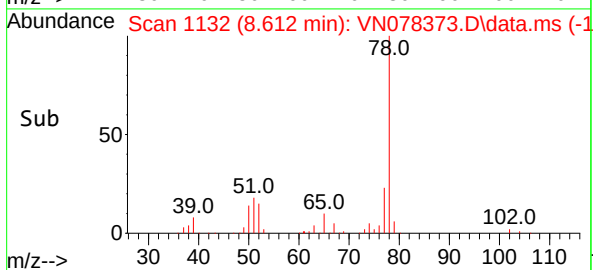
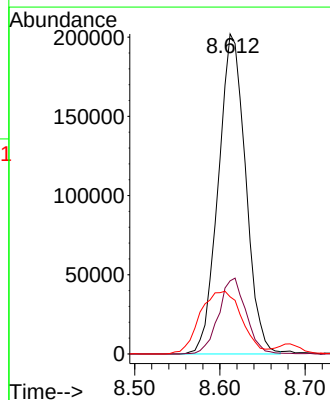
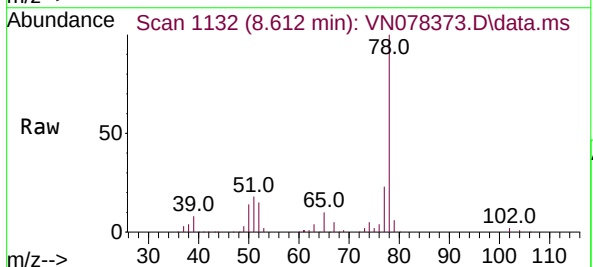
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

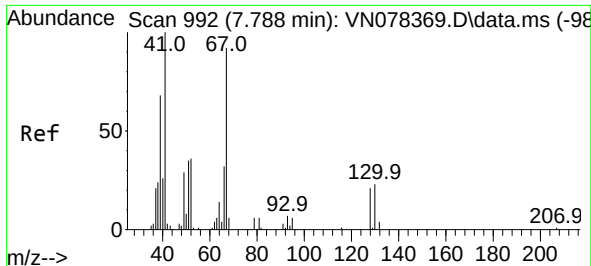
Tgt Ion:117 Resp: 160720
Ion Ratio Lower Upper
117 100
119 89.4 81.4 122.0
121 30.2 23.6 35.4



#34
Benzene
Concen: 21.660 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion: 78 Resp: 449498
Ion Ratio Lower Upper
78 100
77 22.9 18.3 27.5
51 17.1 13.7 20.5

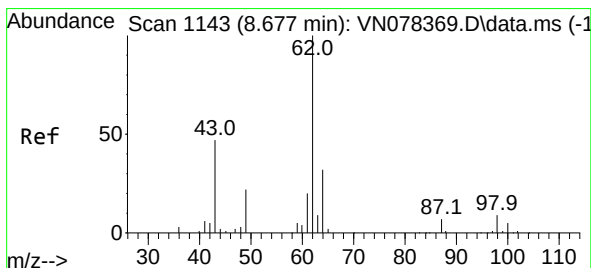
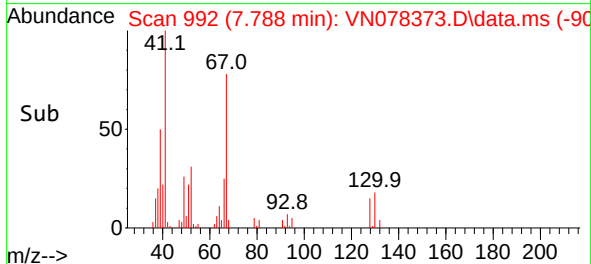
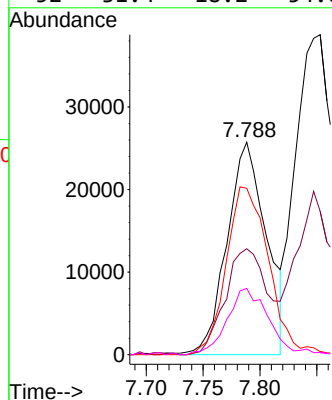
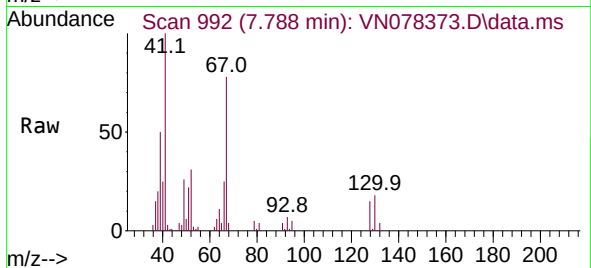




#35
Methacrylonitrile
Concen: 22.118 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

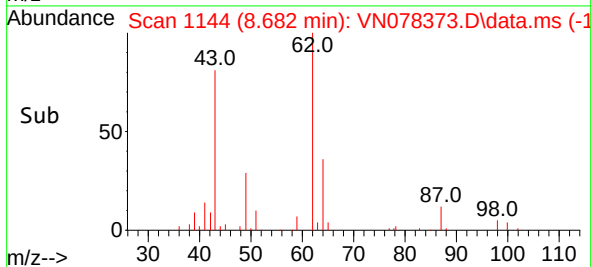
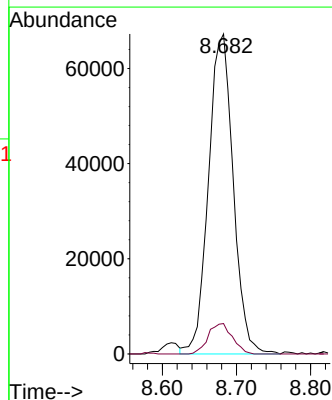
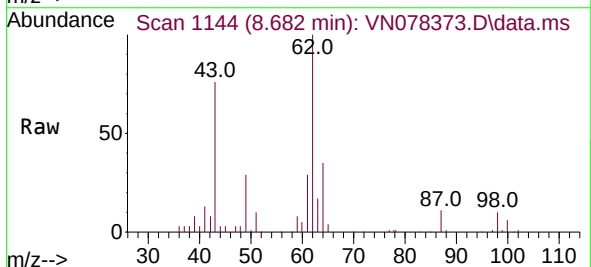
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

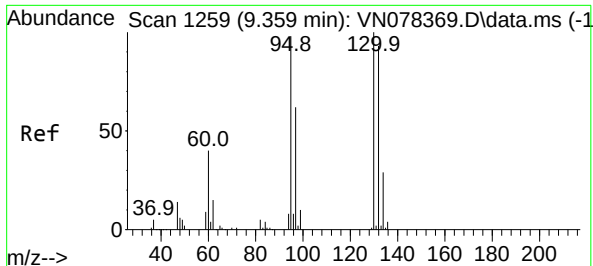
Tgt Ion:	41	Resp:	61856
Ion Ratio	Lower	Upper	
41	100		
39	50.2	33.9	101.6
67	78.9	45.9	137.6
52	31.4	18.2	54.6



#36
1,2-Dichloroethane
Concen: 22.046 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion:	62	Resp:	155983
Ion Ratio	Lower	Upper	
62	100		
98	9.3	7.4	11.0





#37

Trichloroethene

Concen: 22.027 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

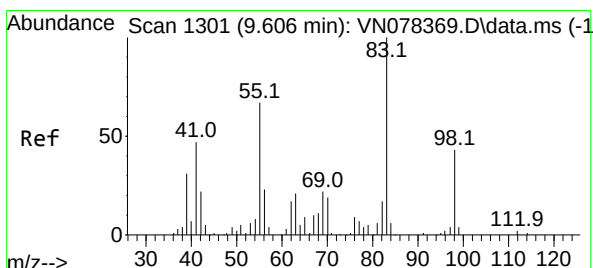
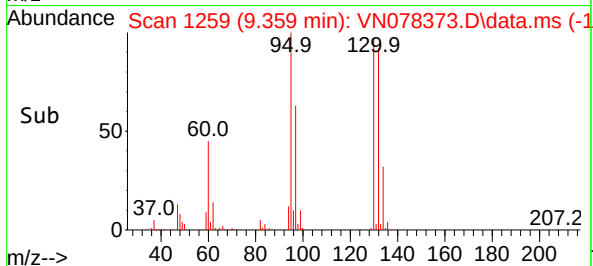
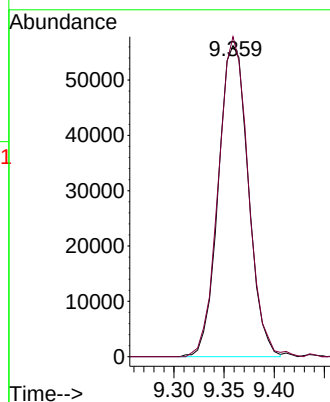
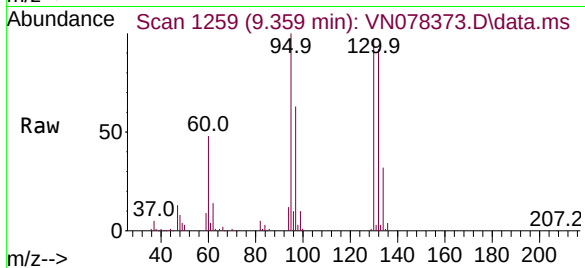
ICVVN062323

Tgt Ion:130 Resp: 116788

Ion Ratio Lower Upper

130 100

95 102.9 78.2 117.4



#38

Methylcyclohexane

Concen: 20.672 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

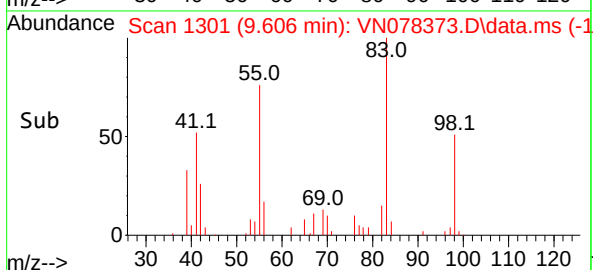
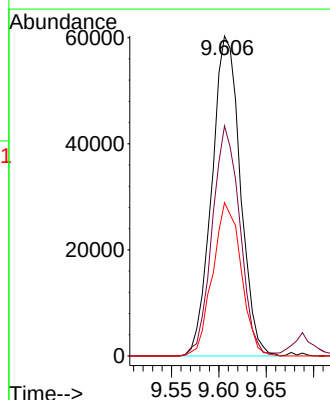
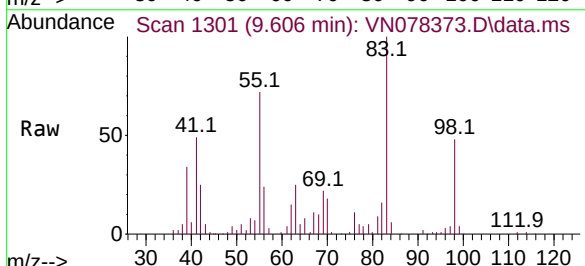
Tgt Ion: 83 Resp: 126391

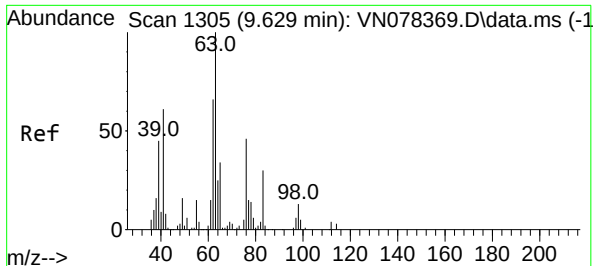
Ion Ratio Lower Upper

83 100

55 69.6 34.0 102.0

98 47.8 23.0 69.0





#39

1,2-Dichloropropane

Concen: 22.281 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

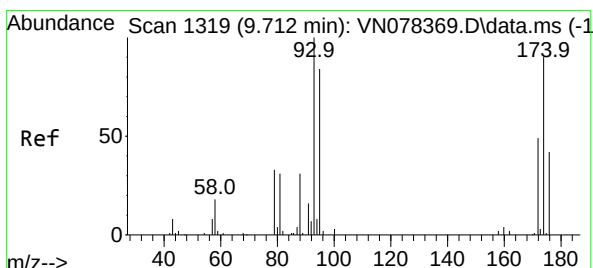
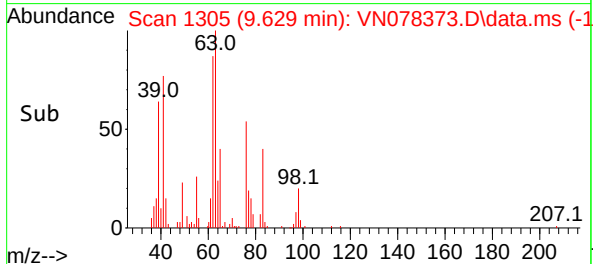
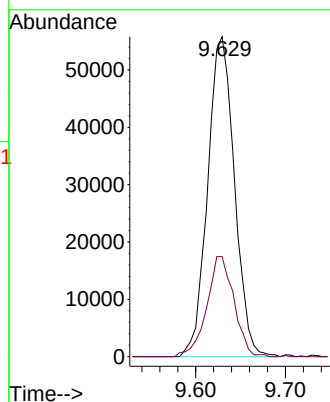
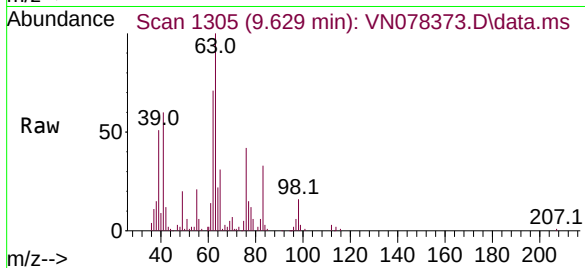
ICVVN062323

Tgt Ion: 63 Resp: 115825

Ion Ratio Lower Upper

63 100

65 31.2 27.4 41.2



#40

Dibromomethane

Concen: 21.710 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

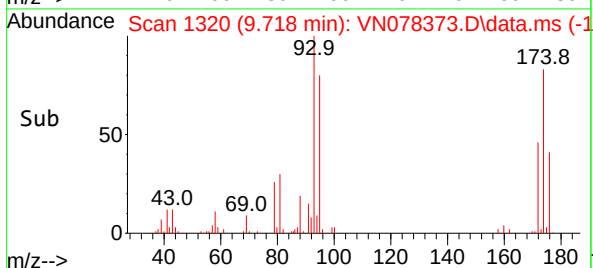
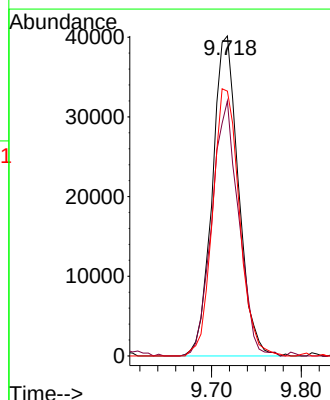
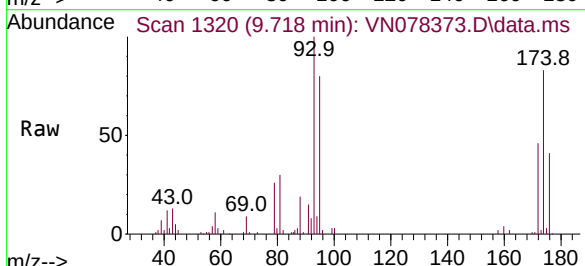
Tgt Ion: 93 Resp: 81439

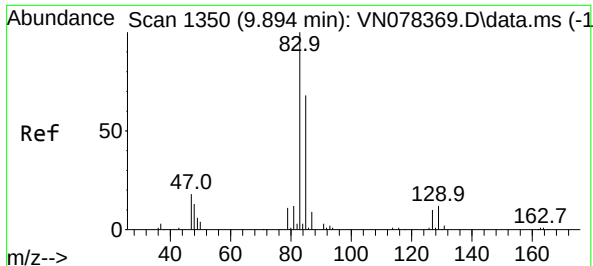
Ion Ratio Lower Upper

93 100

95 81.2 0.0 167.8

174 85.2 0.0 180.8

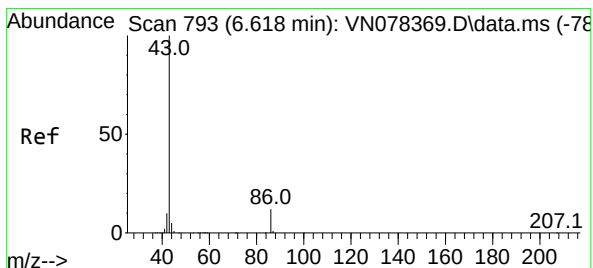
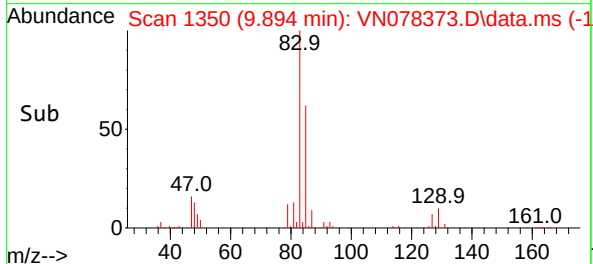
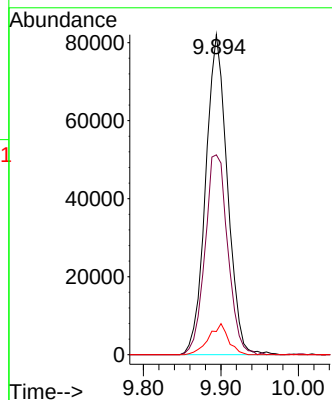
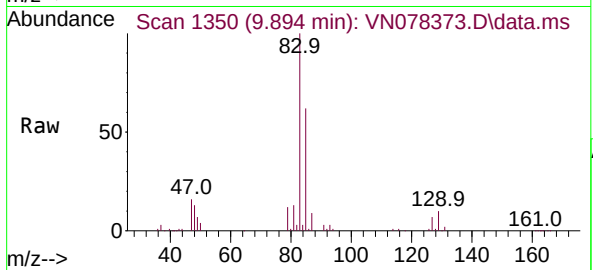




#41
Bromodichloromethane
Concen: 21.927 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

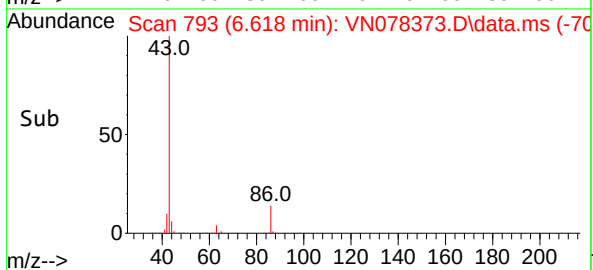
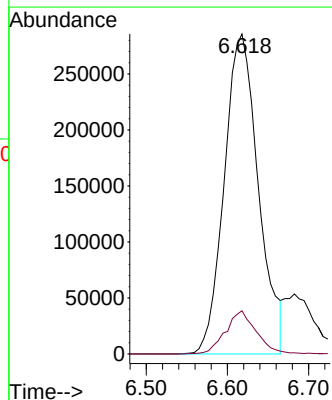
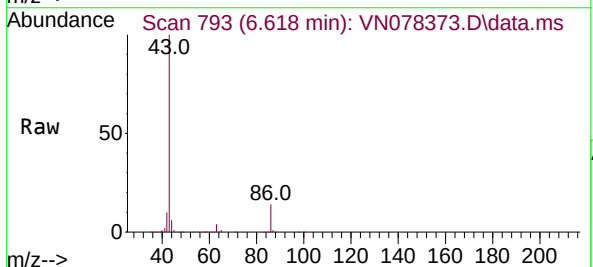
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

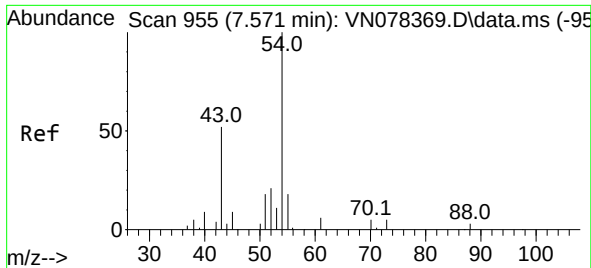
Tgt Ion: 83 Resp: 159796
Ion Ratio Lower Upper
83 100
85 62.4 54.1 81.1
127 7.3 7.8 11.6#



#42
Vinyl Acetate
Concen: 107.561 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion: 43 Resp: 835799
Ion Ratio Lower Upper
43 100
86 12.2 9.4 14.0

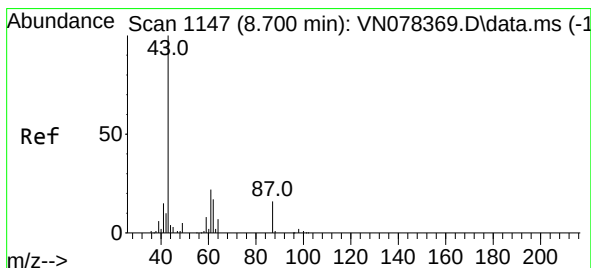
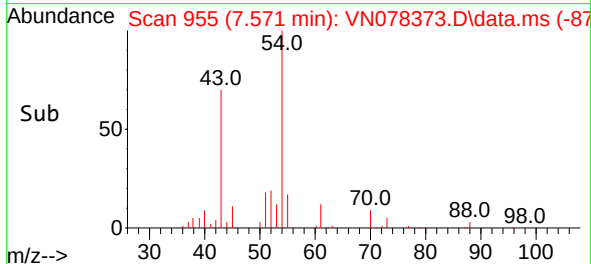
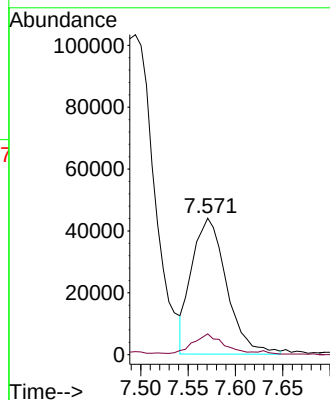
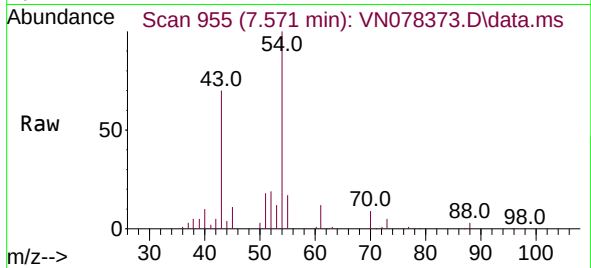




#43
Ethyl Acetate
Concen: 21.897 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

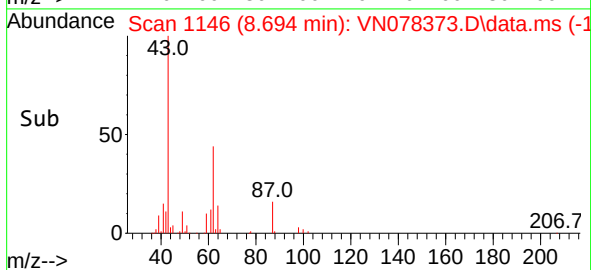
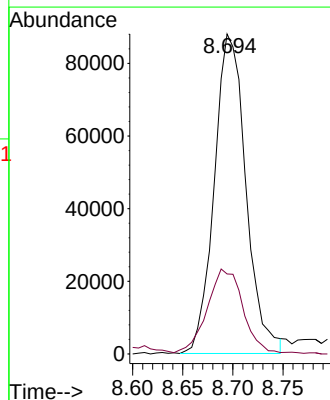
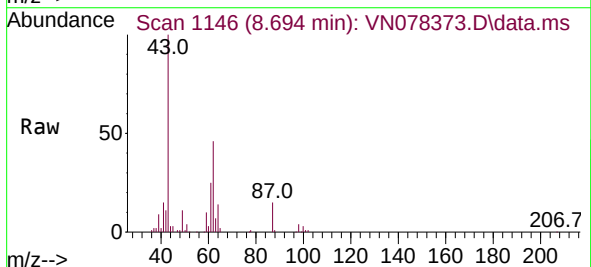
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

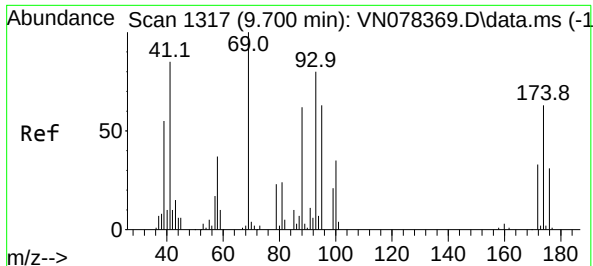
Tgt Ion: 43 Resp: 112462
Ion Ratio Lower Upper
43 100
45 13.6 10.9 16.3



#44
Isopropyl Acetate
Concen: 20.811 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion: 43 Resp: 193052
Ion Ratio Lower Upper
43 100
61 30.2 23.0 34.6

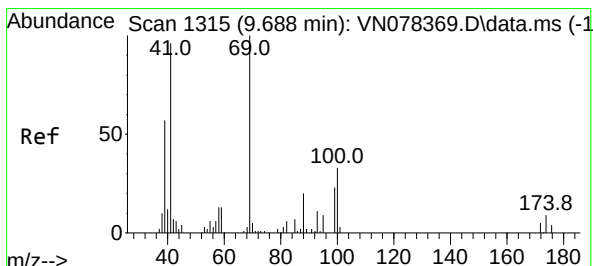
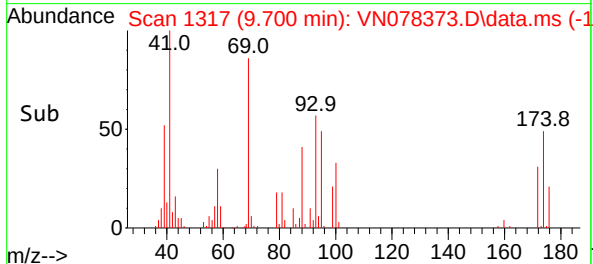
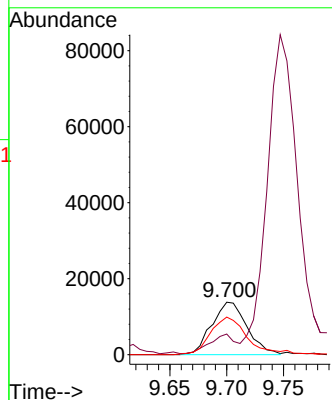
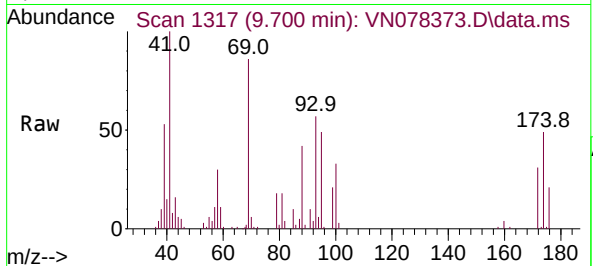




#45
1,4-Dioxane
Concen: 364.824 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

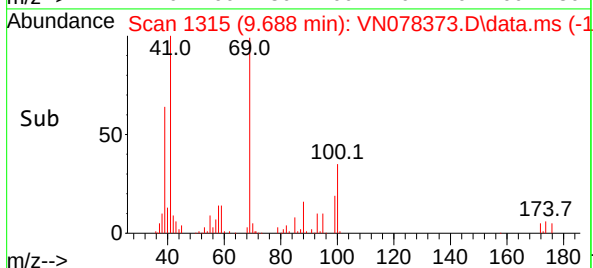
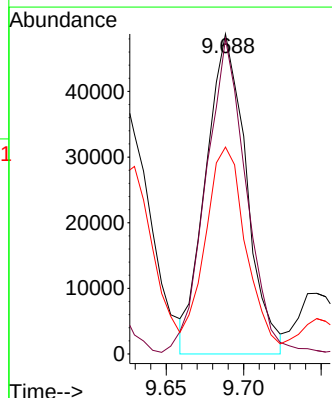
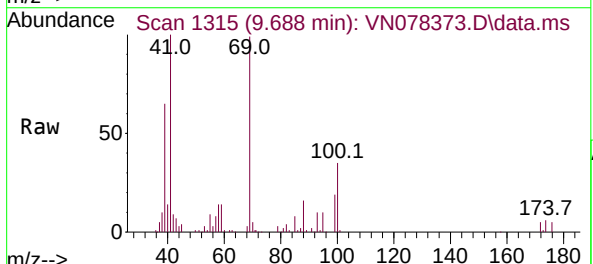
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

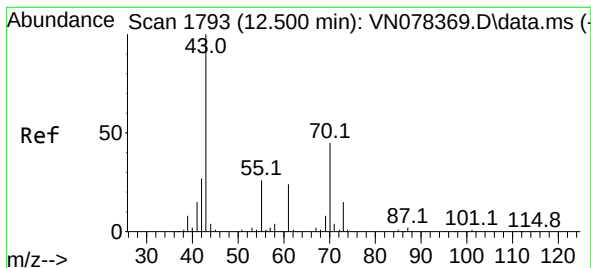
Tgt Ion: 88 Resp: 29857
Ion Ratio Lower Upper
88 100
43 26.8 19.0 28.6
58 72.5 48.2 72.2#



#46
Methyl methacrylate
Concen: 21.431 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion: 41 Resp: 88495
Ion Ratio Lower Upper
41 100
69 101.2 49.0 147.0
39 65.6 31.6 94.8





#47

n-amy1 Acetate

Concen: 21.196 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

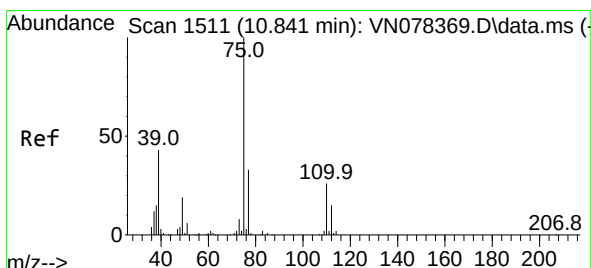
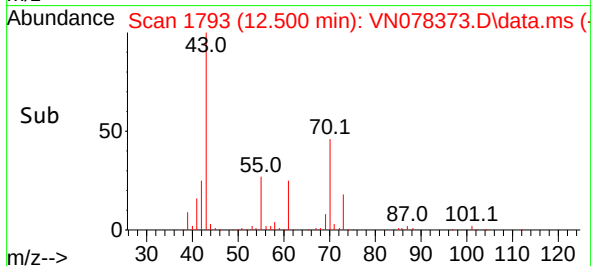
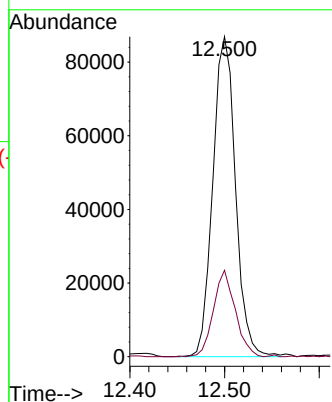
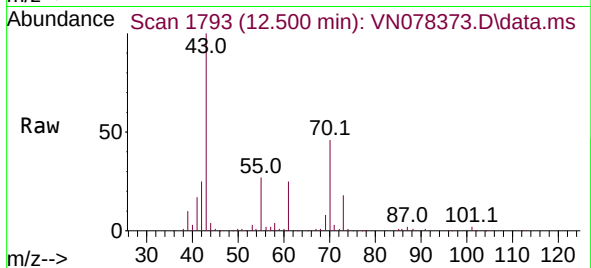
ICVVN062323

Tgt Ion: 43 Resp: 144540

Ion Ratio Lower Upper

43 100

55 25.9 21.5 32.3



#48

t-1,3-Dichloropropene

Concen: 21.256 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VN078373.D

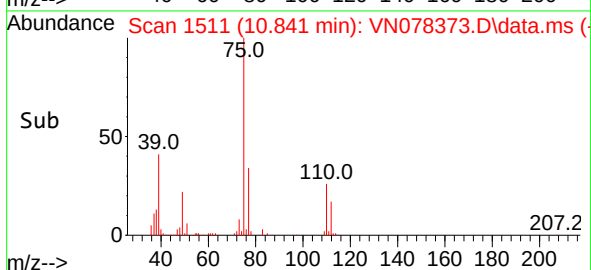
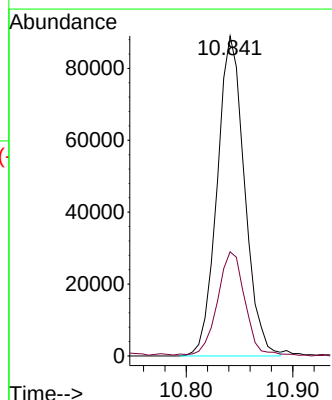
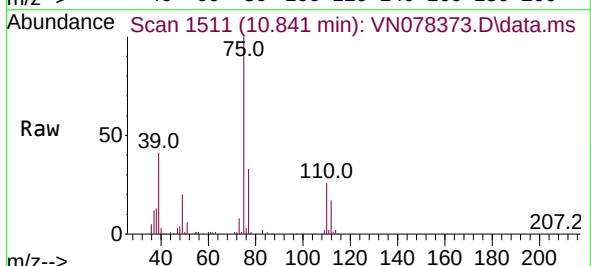
Acq: 23 Jun 2023 12:45

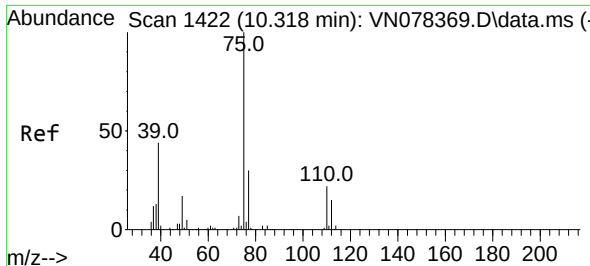
Tgt Ion: 75 Resp: 159022

Ion Ratio Lower Upper

75 100

77 32.0 26.1 39.1





#49

cis-1,3-Dichloropropene

Concen: 21.191 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062323

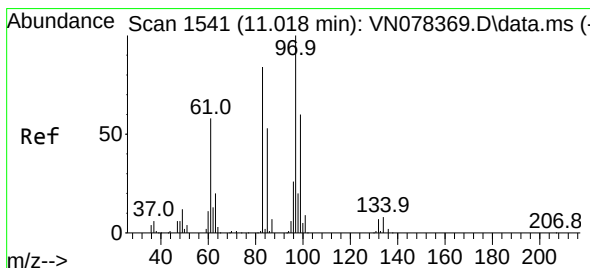
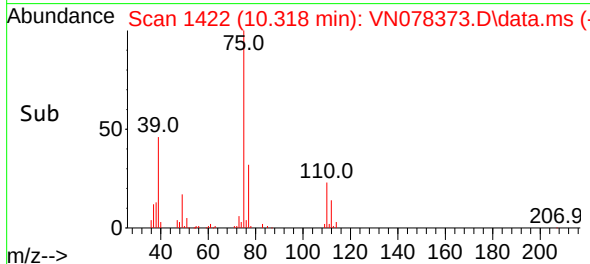
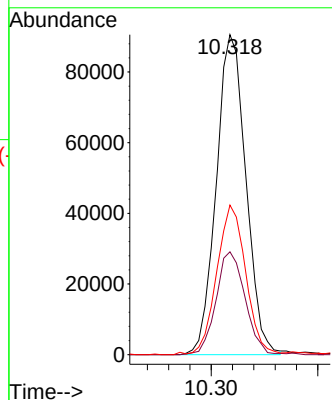
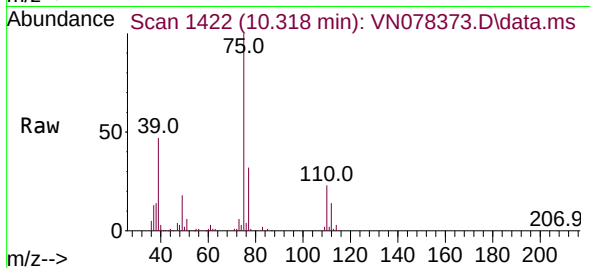
Tgt Ion: 75 Resp: 174736

Ion Ratio Lower Upper

75 100

77 32.2 24.0 36.0

39 46.2 35.1 52.7



#50

1,1,2-Trichloroethane

Concen: 21.977 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. 0.006 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

Tgt Ion: 97 Resp: 110519

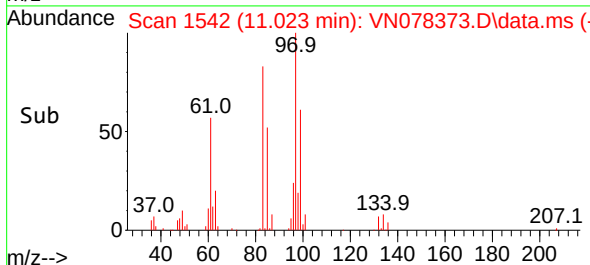
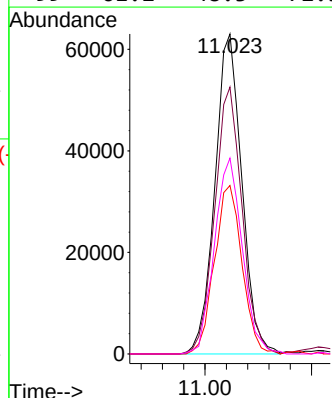
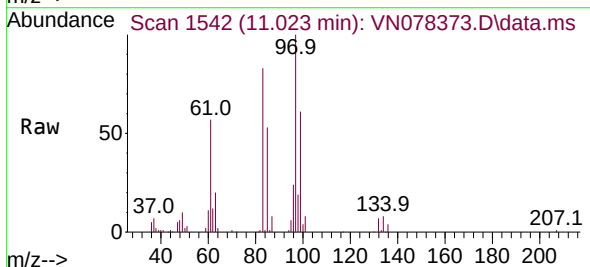
Ion Ratio Lower Upper

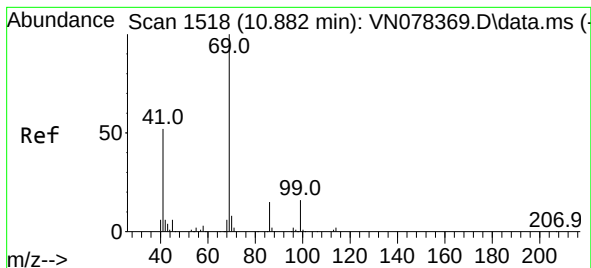
97 100

83 83.4 66.8 100.2

85 52.7 42.5 63.7

99 61.2 48.3 72.5





#51

Ethyl methacrylate

Concen: 21.026 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062323

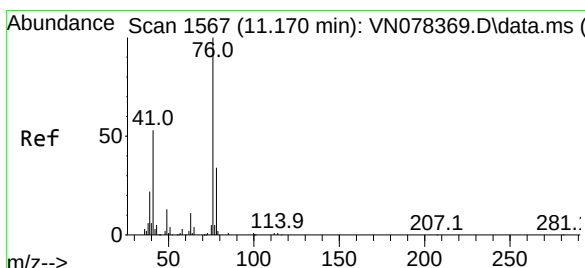
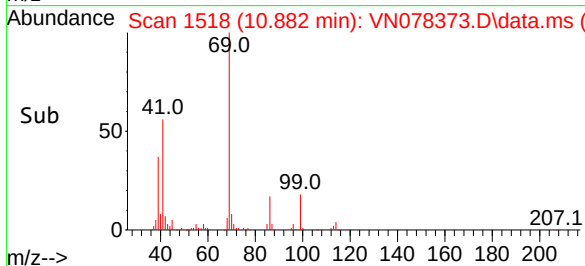
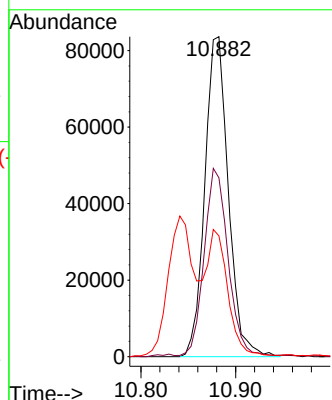
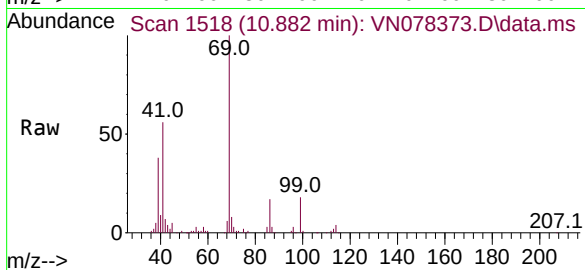
Tgt Ion: 69 Resp: 144648

Ion Ratio Lower Upper

69 100

41 55.5 26.0 78.0

39 37.3 16.3 48.9



#52

1,3-Dichloropropane

Concen: 22.444 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078373.D

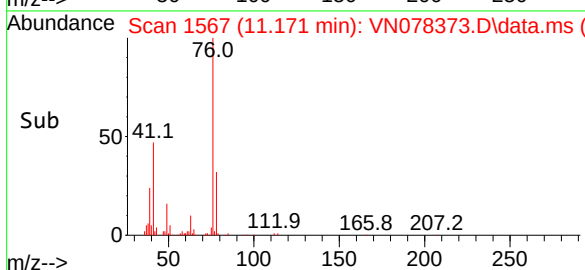
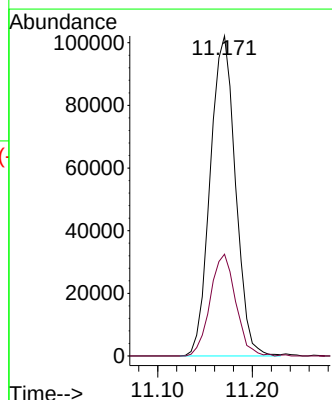
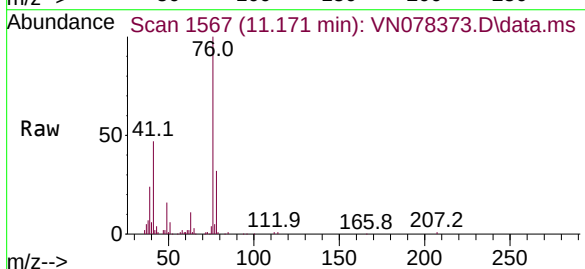
Acq: 23 Jun 2023 12:45

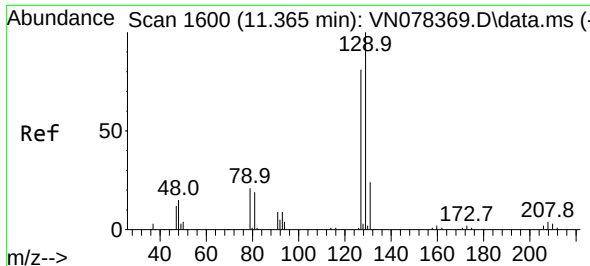
Tgt Ion: 76 Resp: 189427

Ion Ratio Lower Upper

76 100

78 32.0 0.0 66.2

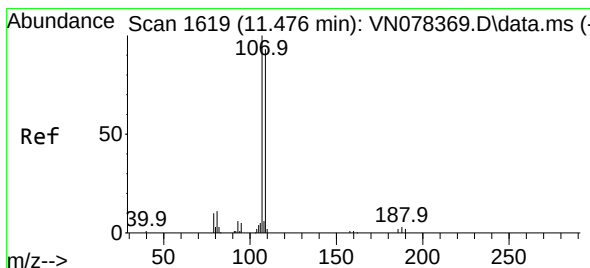
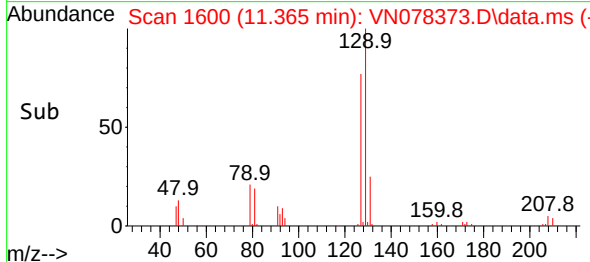
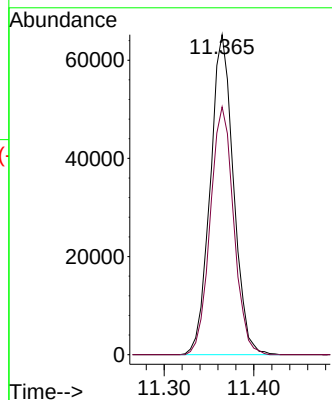
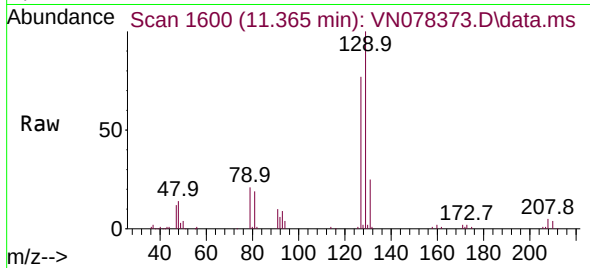




#53
Dibromochloromethane
Concen: 22.025 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

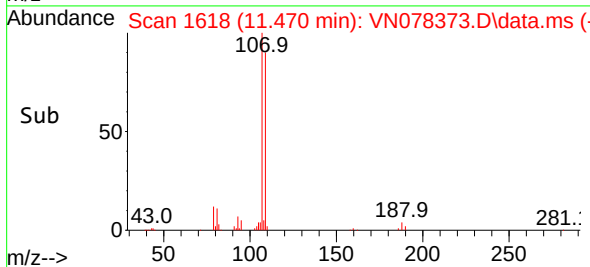
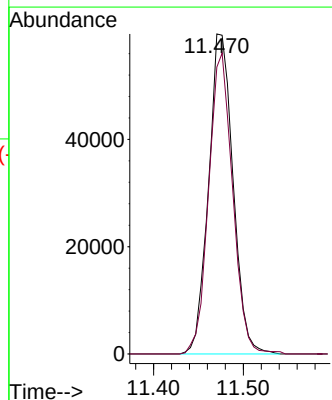
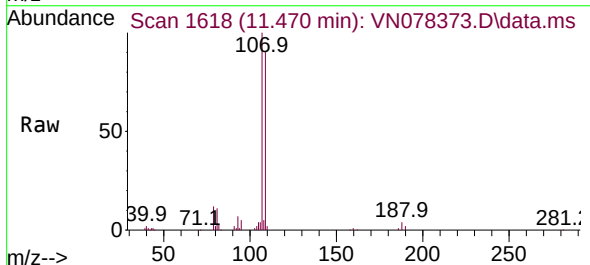
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

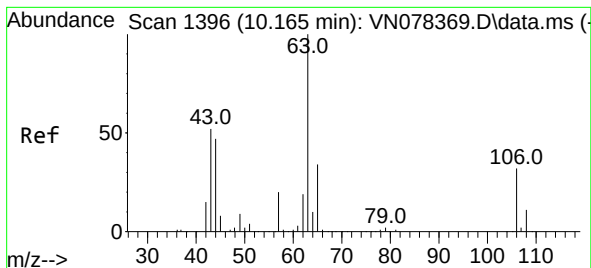
Tgt Ion:129 Resp: 117479
Ion Ratio Lower Upper
129 100
127 77.9 39.4 118.1



#54
1,2-Dibromoethane
Concen: 22.331 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion:107 Resp: 113184
Ion Ratio Lower Upper
107 100
109 91.8 74.6 112.0

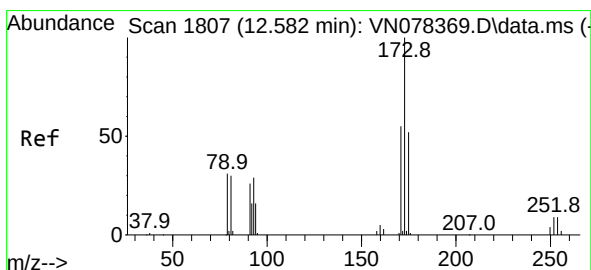
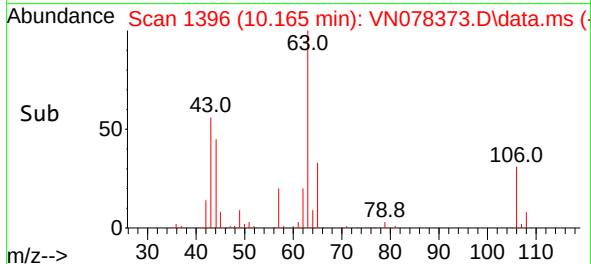
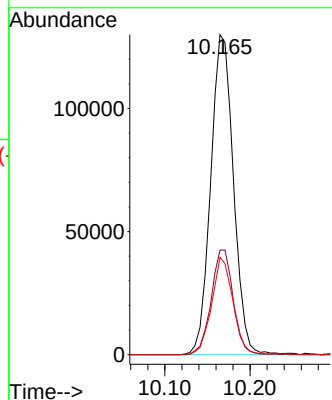
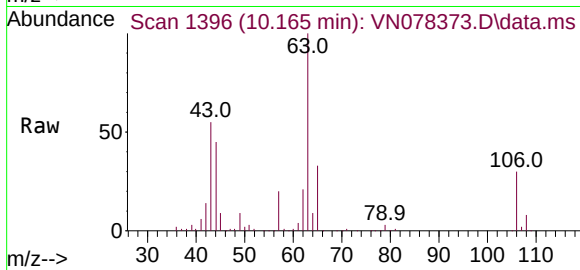




#55
2-Chloroethyl vinyl ether
Concen: 94.910 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

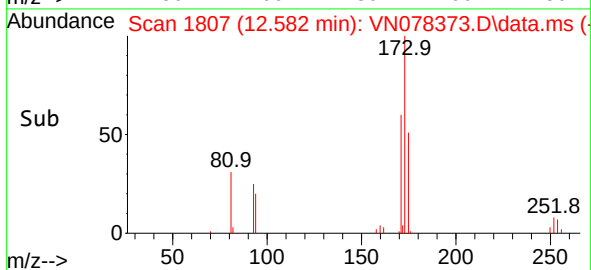
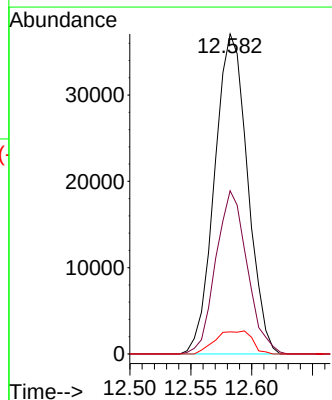
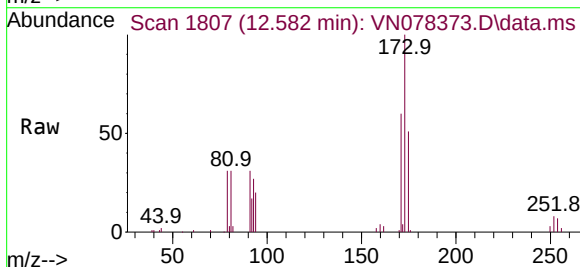
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

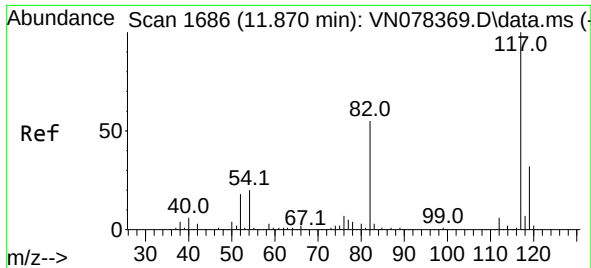
Tgt Ion: 63 Resp: 240883
Ion Ratio Lower Upper
63 100
65 31.6 26.3 39.5
106 28.6 23.8 35.6



#56
Bromoform
Concen: 21.340 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion:173 Resp: 69676
Ion Ratio Lower Upper
173 100
175 48.7 40.7 61.1
254 5.4 6.5 9.7#

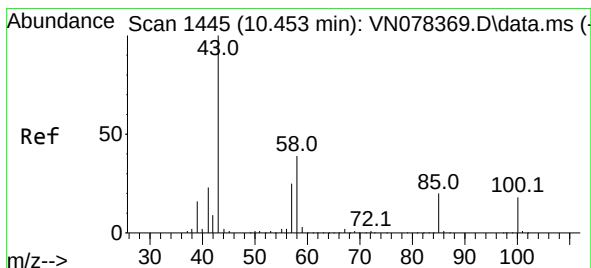
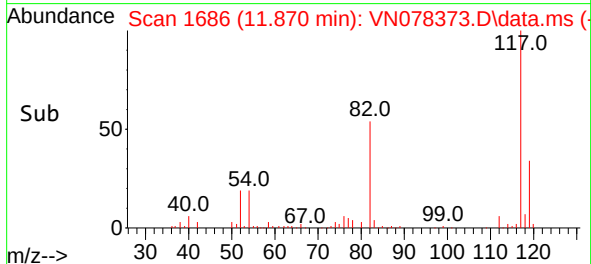
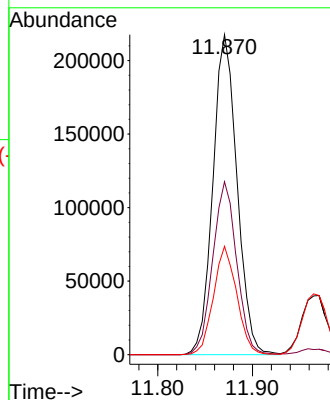
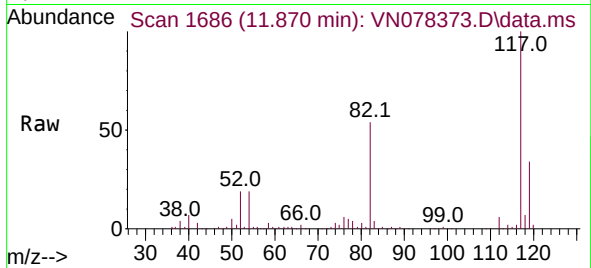




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

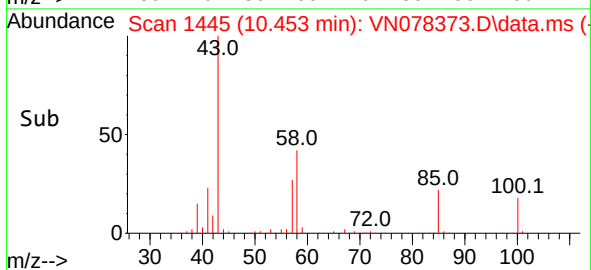
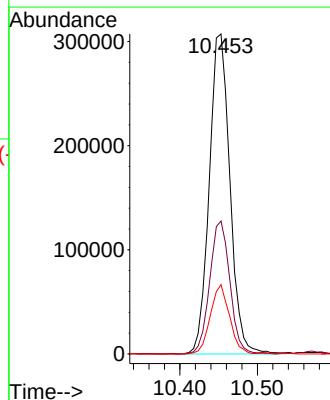
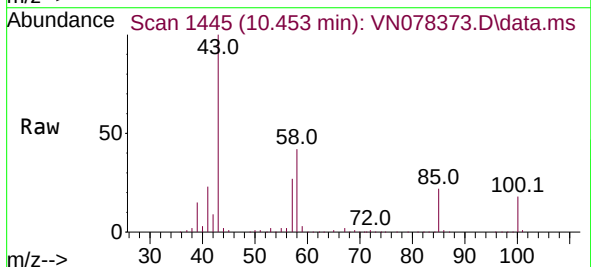
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

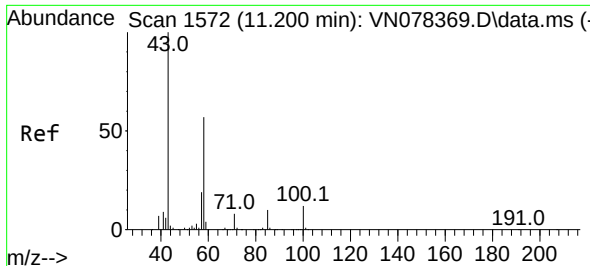
Tgt Ion:117 Resp: 385815
Ion Ratio Lower Upper
117 100
82 53.6 43.9 65.9
119 32.8 26.2 39.4



#58
4-Methyl-2-Pentanone
Concen: 110.561 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion: 43 Resp: 569631
Ion Ratio Lower Upper
43 100
58 40.4 32.6 48.8
85 20.1 16.2 24.2

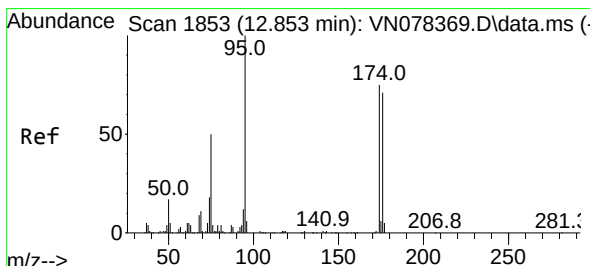
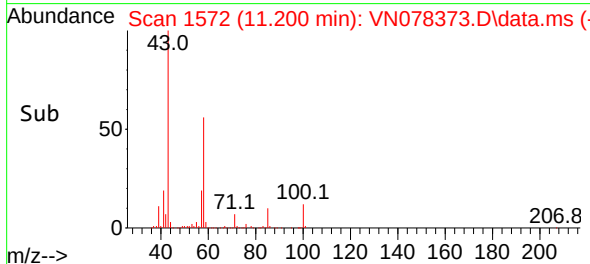
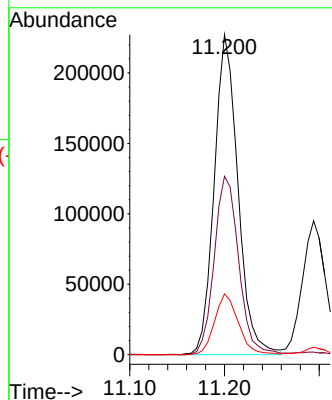
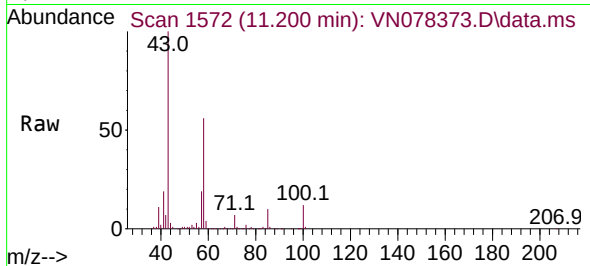




#59
2-Hexanone
Concen: 111.020 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

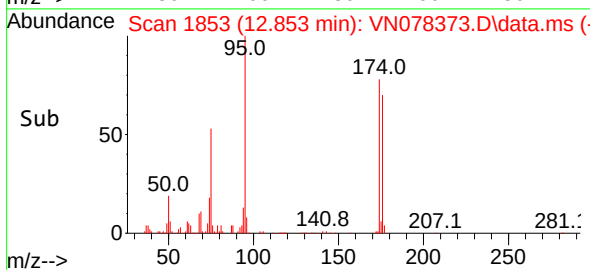
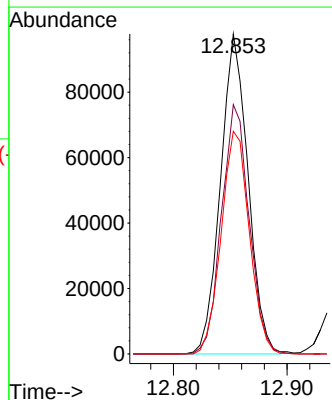
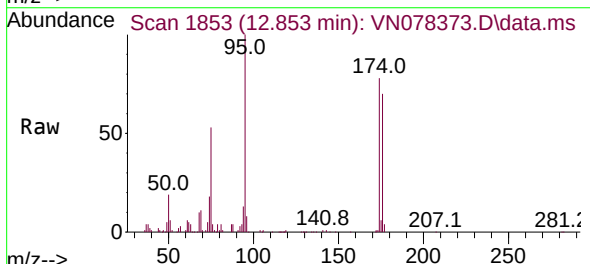
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

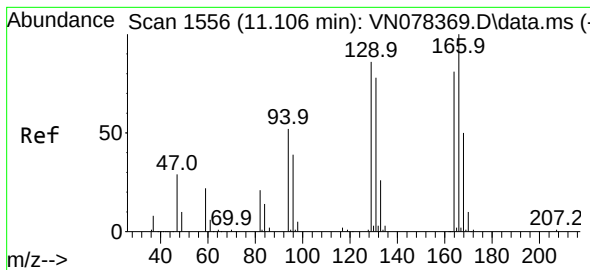
Tgt Ion: 43 Resp: 395040
Ion Ratio Lower Upper
43 100
58 57.5 45.9 68.9
57 19.1 15.8 23.6



#60
4-Bromofluorobenzene
Concen: 30.229 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion: 95 Resp: 164317
Ion Ratio Lower Upper
95 100
174 78.3 61.7 92.5
176 71.3 58.1 87.1





#61

Tetrachloroethene

Concen: 22.991 ug/l

RT: 11.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062323

Tgt Ion:164 Resp: 97198

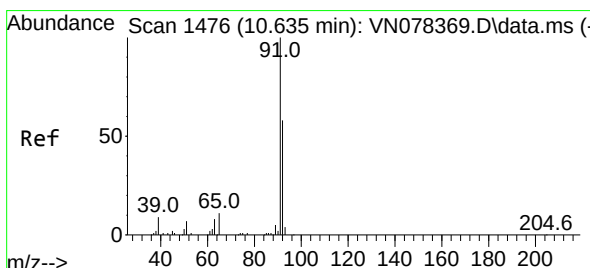
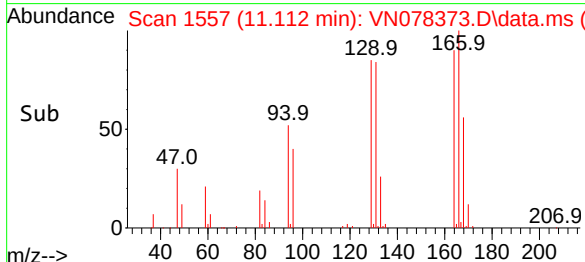
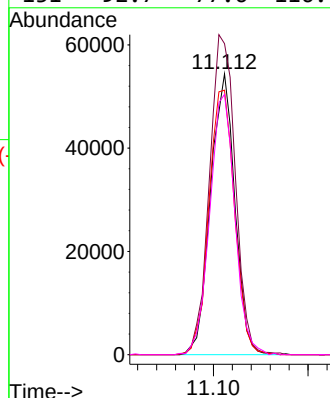
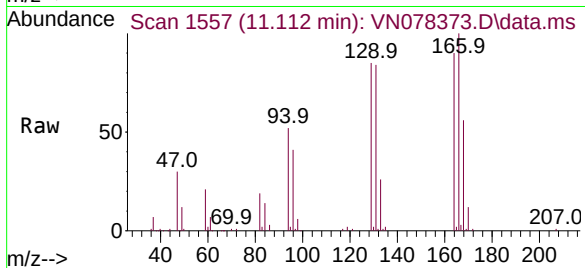
Ion Ratio Lower Upper

164 100

166 110.8 99.1 148.7

129 94.2 85.6 128.4

131 92.7 77.6 116.4



#62

Toluene

Concen: 22.033 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN078373.D

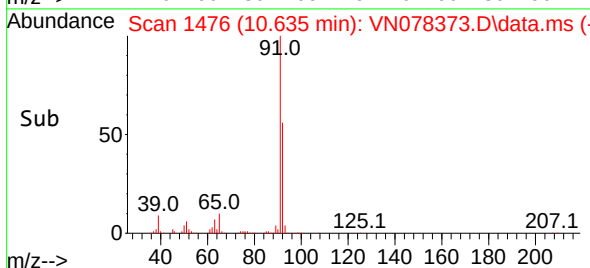
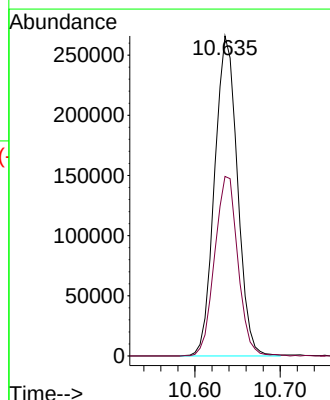
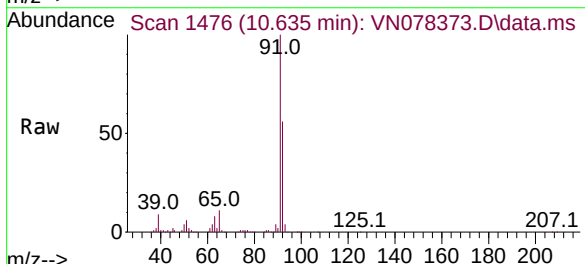
Acq: 23 Jun 2023 12:45

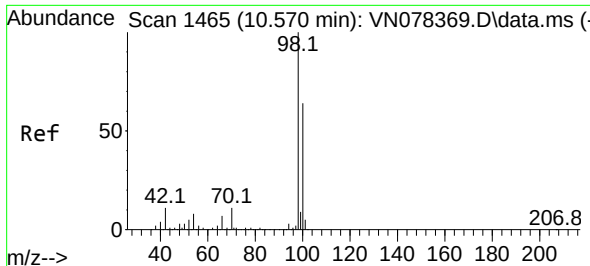
Tgt Ion: 91 Resp: 494726

Ion Ratio Lower Upper

91 100

92 57.1 45.2 67.8

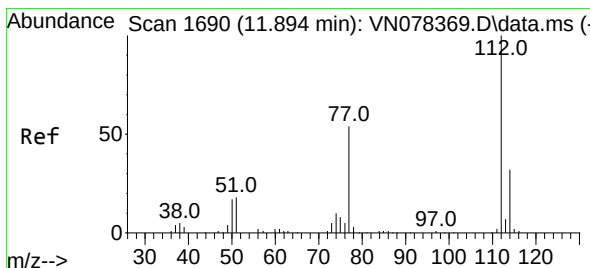
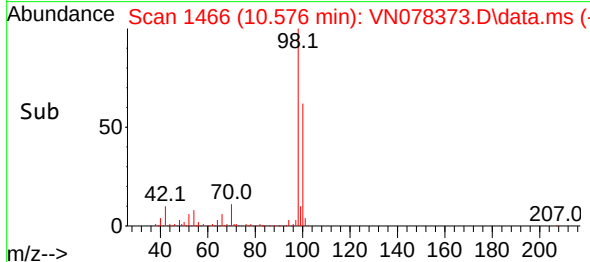
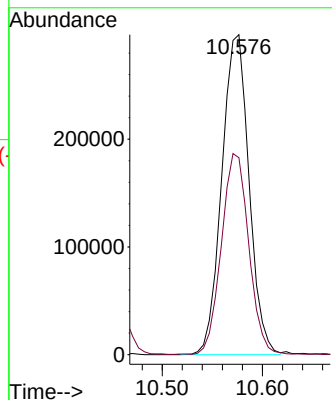
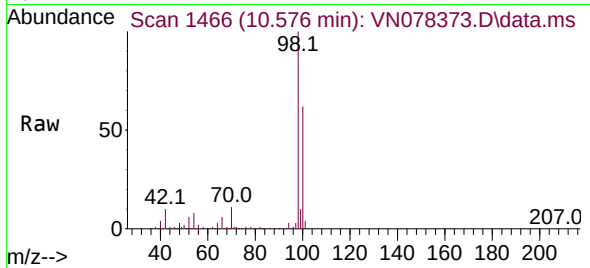




#63
Toluene-d8
Concen: 29.940 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

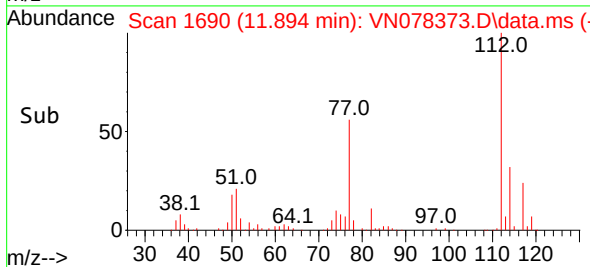
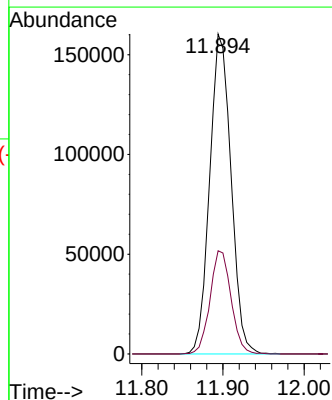
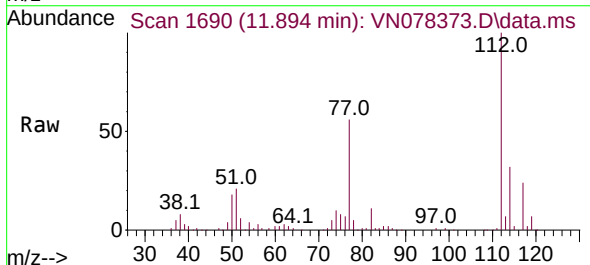
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

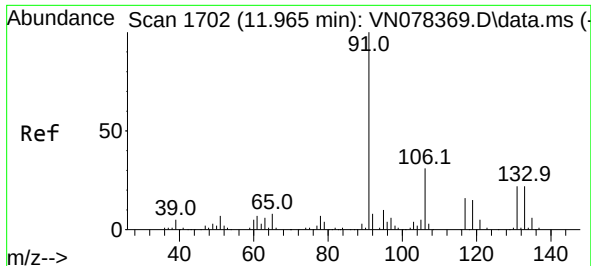
Tgt Ion: 98 Resp: 559690
Ion Ratio Lower Upper
98 100
100 63.2 49.7 74.5



#64
Chlorobenzene
Concen: 22.027 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion: 112 Resp: 293145
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9

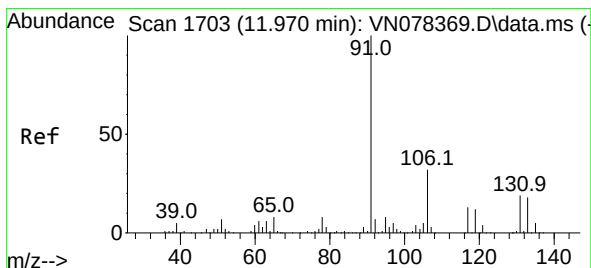
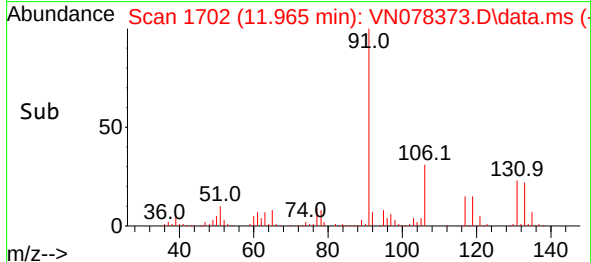
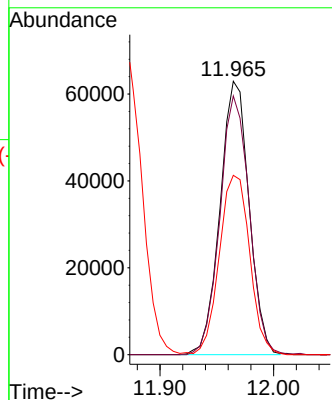
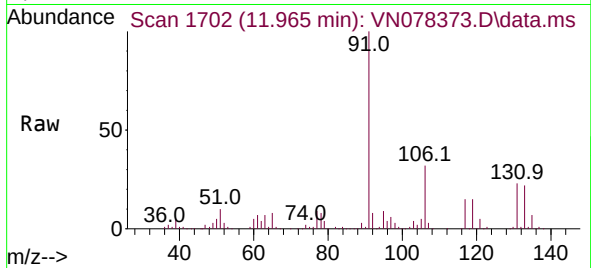




#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.801 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN078373.D
 Acq: 23 Jun 2023 12:45

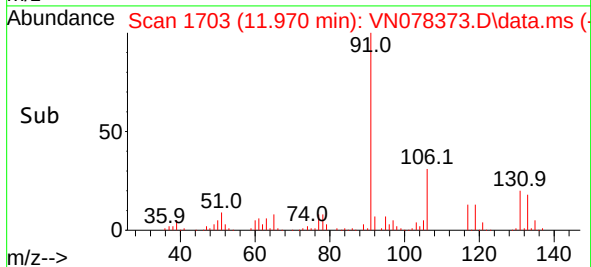
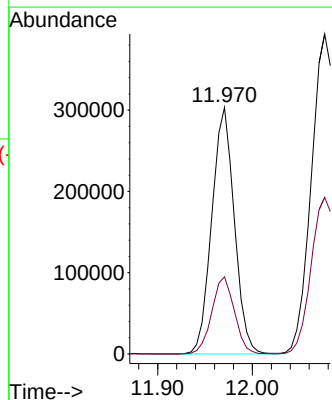
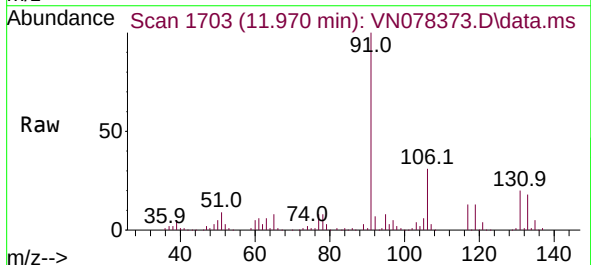
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062323

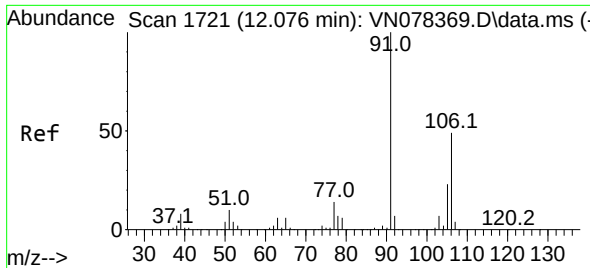
Tgt Ion:131 Resp: 111881
 Ion Ratio Lower Upper
 131 100
 133 95.5 0.0 191.8
 119 68.4 0.0 132.0



#66
 Ethyl Benzene
 Concen: 21.985 ug/l
 RT: 11.970 min Scan# 1703
 Delta R.T. 0.000 min
 Lab File: VN078373.D
 Acq: 23 Jun 2023 12:45

Tgt Ion: 91 Resp: 502310
 Ion Ratio Lower Upper
 91 100
 106 31.3 25.6 38.4

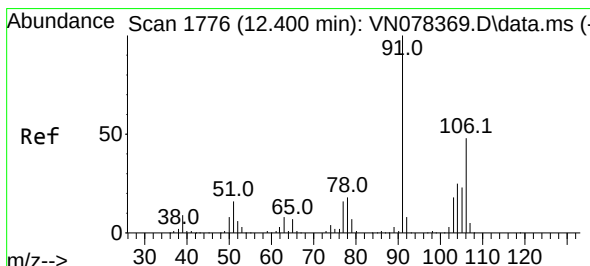
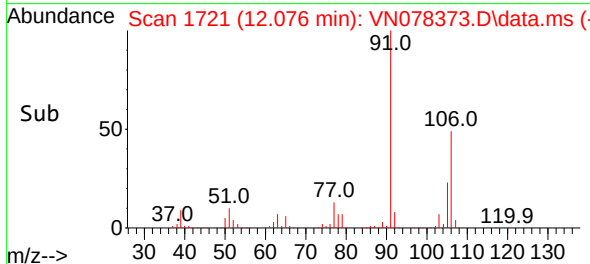
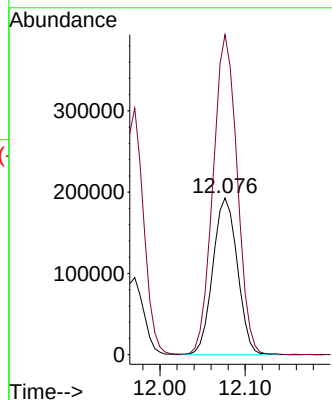
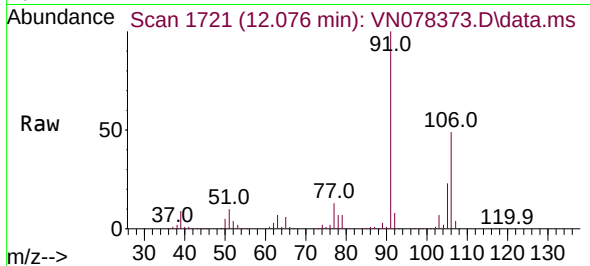




#67
m/p-Xylenes
Concen: 44.623 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

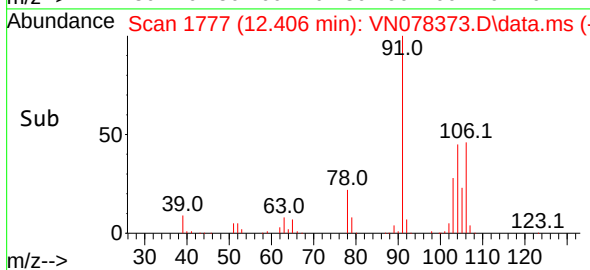
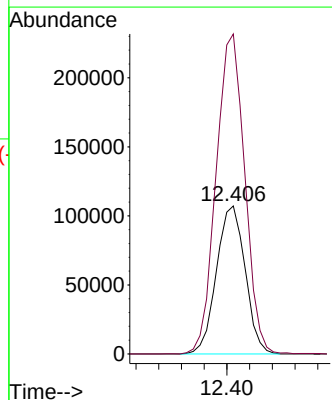
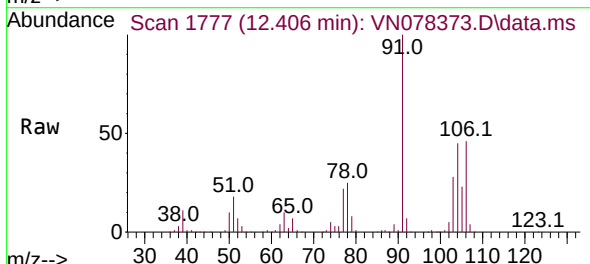
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

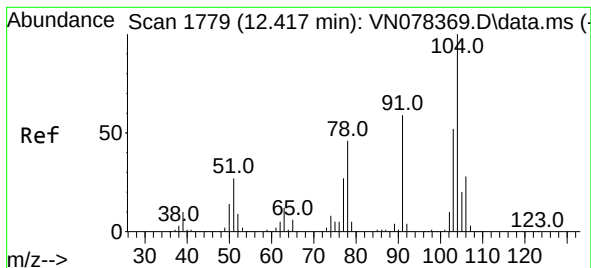
Tgt Ion:106 Resp: 385498
Ion Ratio Lower Upper
106 100
91 200.9 162.5 243.7



#68
o-Xylene
Concen: 22.412 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion:106 Resp: 187753
Ion Ratio Lower Upper
106 100
91 216.3 106.1 318.3





#69

Styrene

Concen: 21.981 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062323

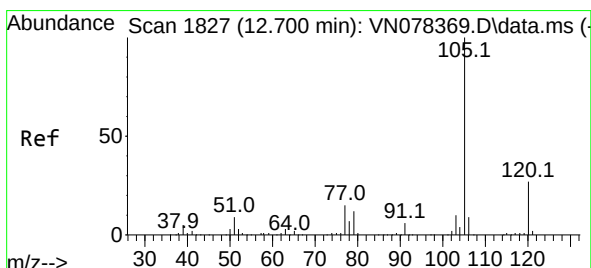
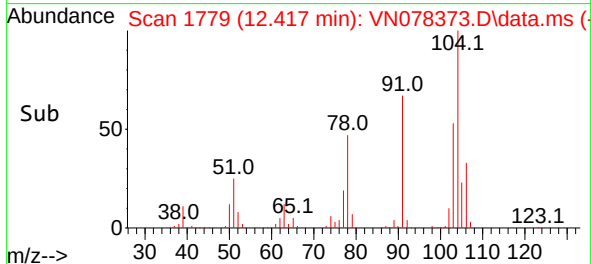
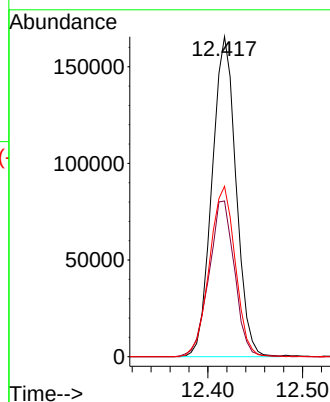
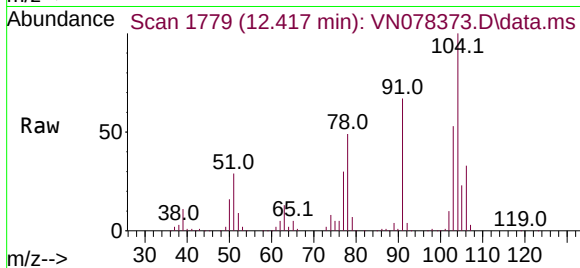
Tgt Ion:104 Resp: 291561

Ion Ratio Lower Upper

104 100

78 51.7 40.1 60.1

103 57.0 45.1 67.7



#70

Isopropylbenzene

Concen: 22.027 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078373.D

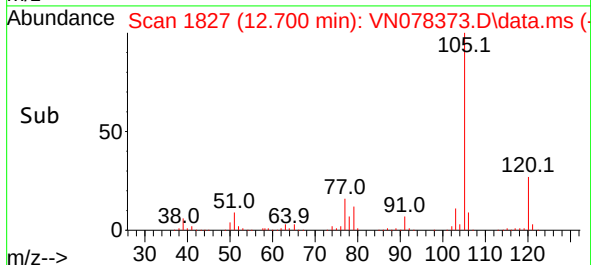
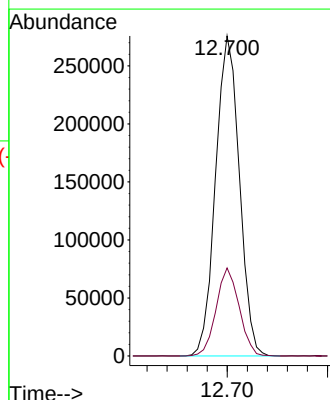
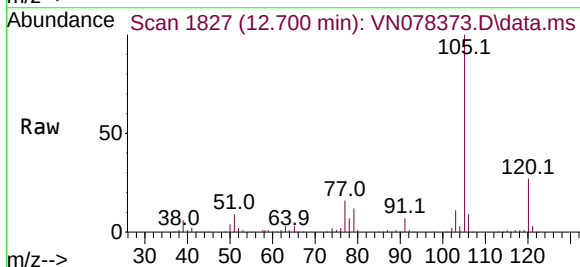
Acq: 23 Jun 2023 12:45

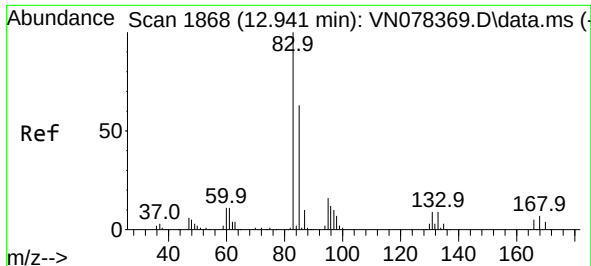
Tgt Ion:105 Resp: 453418

Ion Ratio Lower Upper

105 100

120 26.5 18.3 34.1

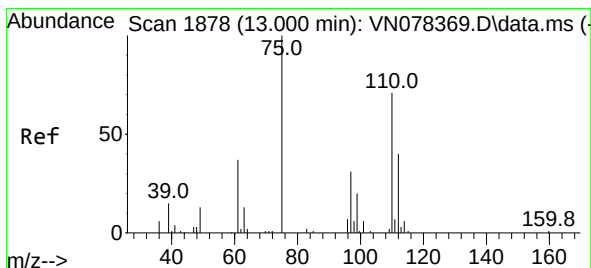
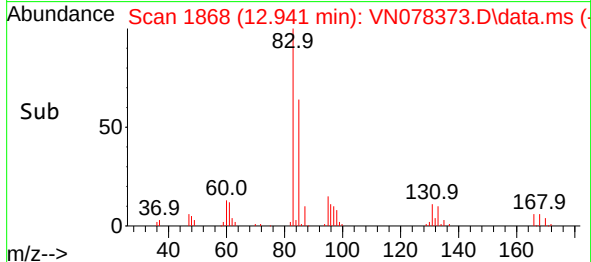
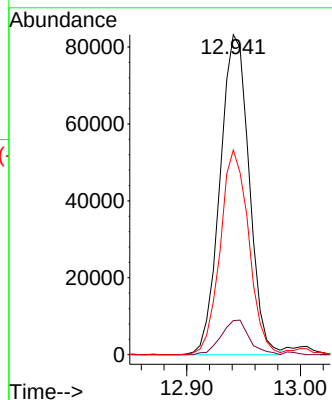
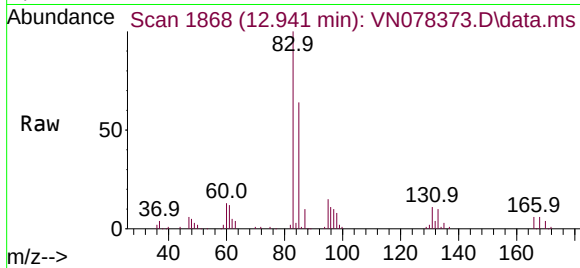




#71
1,1,2,2-Tetrachloroethane
Concen: 22.079 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

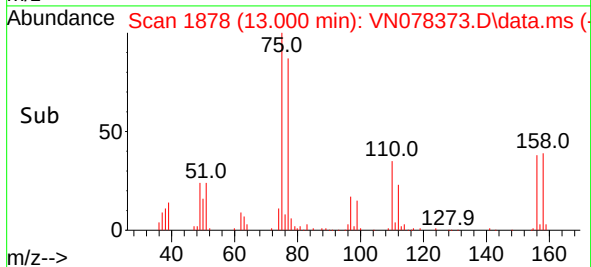
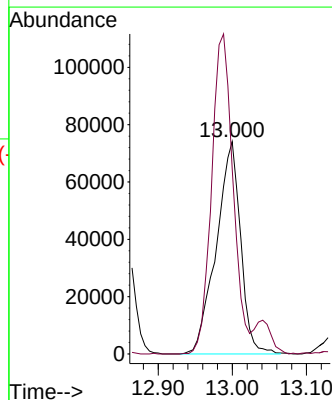
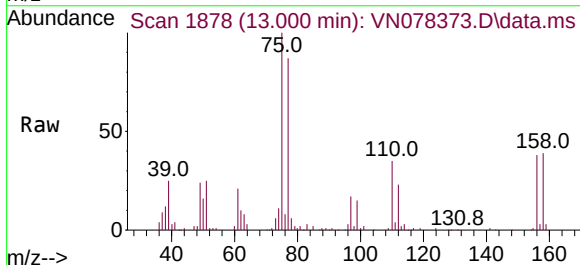
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

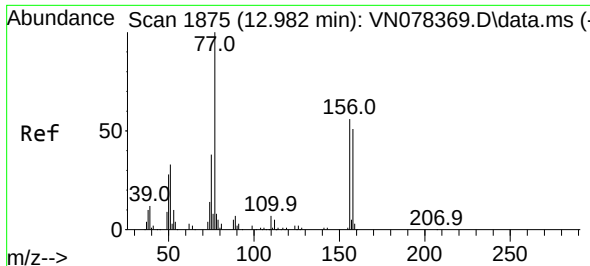
Tgt Ion: 83 Resp: 147799
Ion Ratio Lower Upper
83 100
131 10.4 4.8 14.4
85 62.8 32.6 98.0



#72
1,2,3-Trichloropropane
Concen: 30.338 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion: 75 Resp: 169277
Ion Ratio Lower Upper
75 100
77 132.3 0.0 387.4

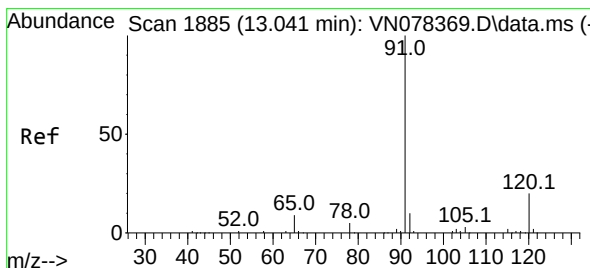
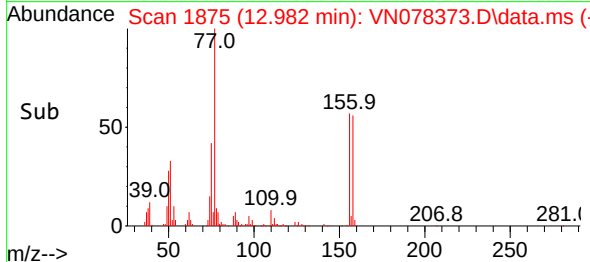
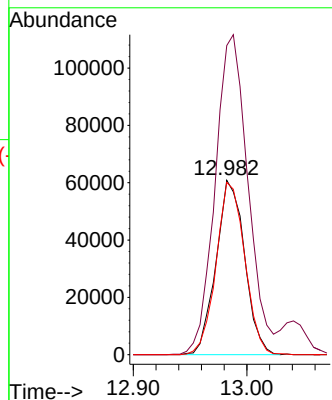
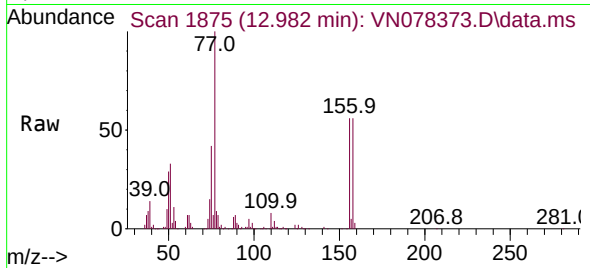




#73
Bromobenzene
Concen: 21.650 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

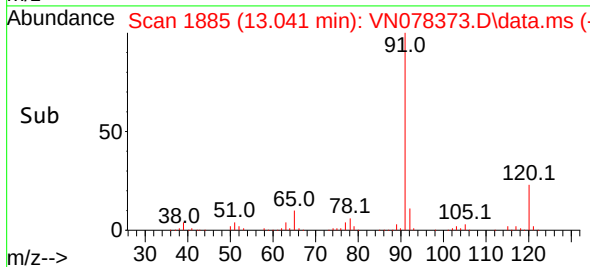
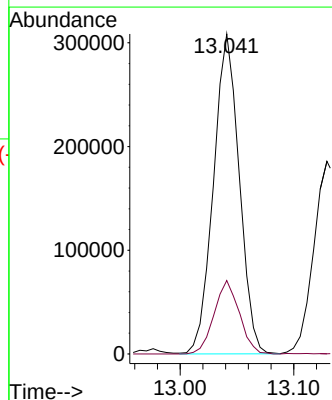
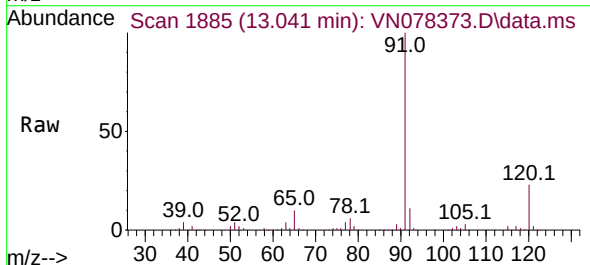
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

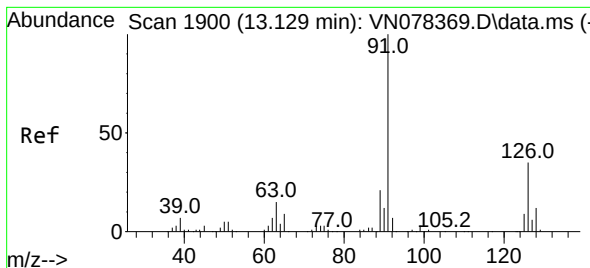
Tgt Ion:156 Resp: 106549
Ion Ratio Lower Upper
156 100
77 210.1 0.0 420.8
158 98.9 0.0 193.2



#74
n-propylbenzene
Concen: 21.712 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion: 91 Resp: 485994
Ion Ratio Lower Upper
91 100
120 22.4 0.0 44.6

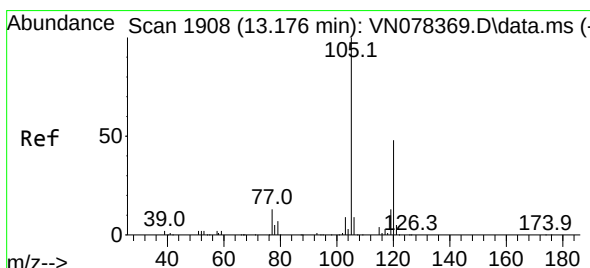
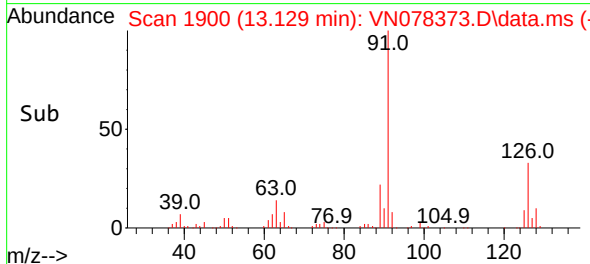
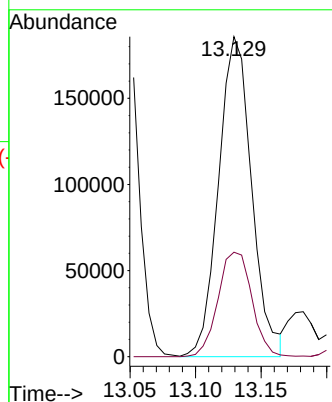
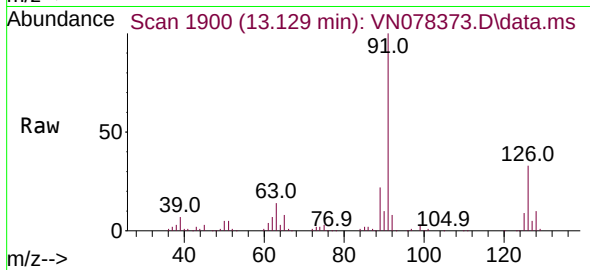




#75
2-Chlorotoluene
Concen: 21.502 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

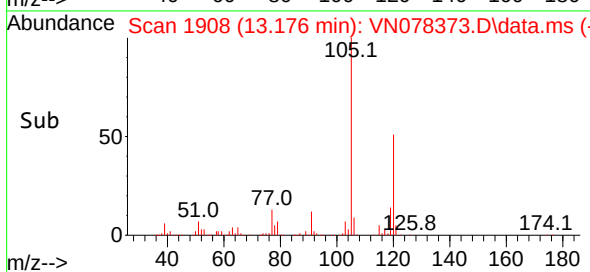
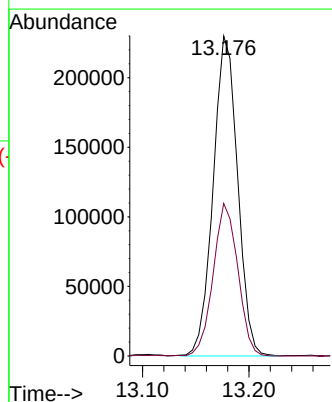
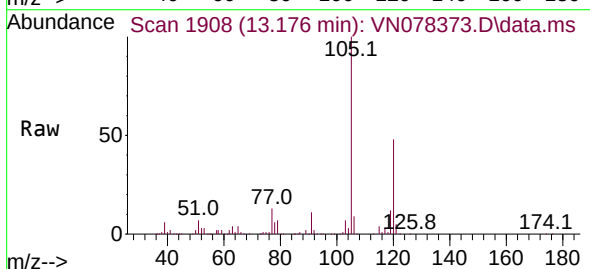
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

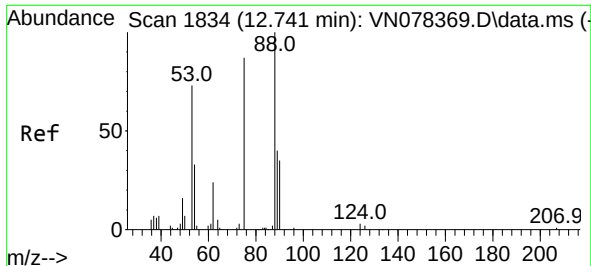
Tgt Ion: 91 Resp: 325807
Ion Ratio Lower Upper
91 100
126 33.5 0.0 67.2



#76
1,3,5-Trimethylbenzene
Concen: 21.460 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion:105 Resp: 366299
Ion Ratio Lower Upper
105 100
120 48.0 0.0 97.2

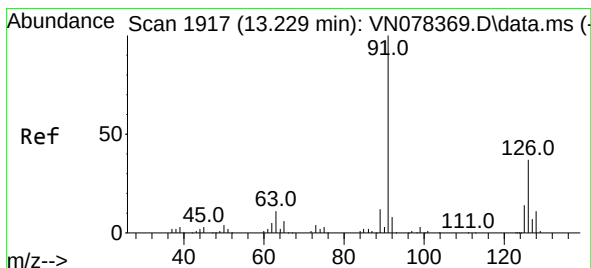
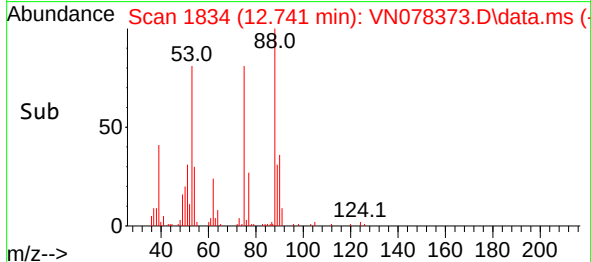
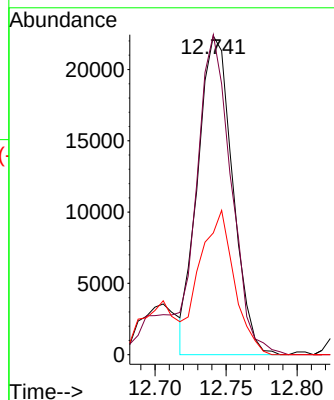
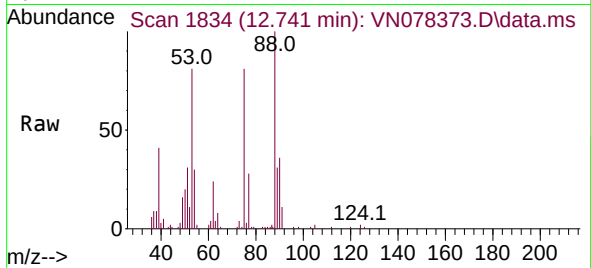




#77
t-1,4-Dichloro-2-butene
Concen: 21.051 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

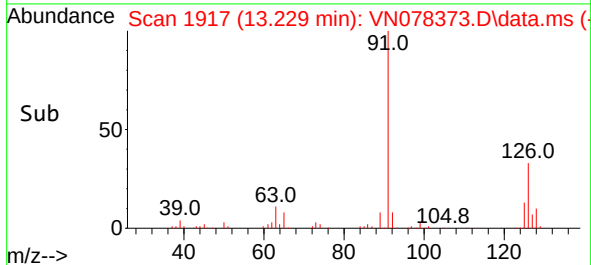
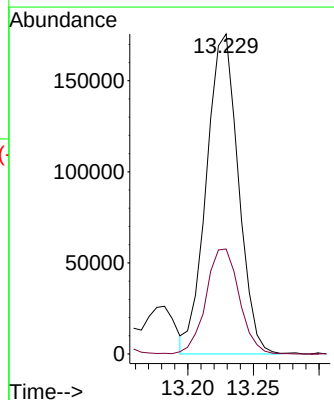
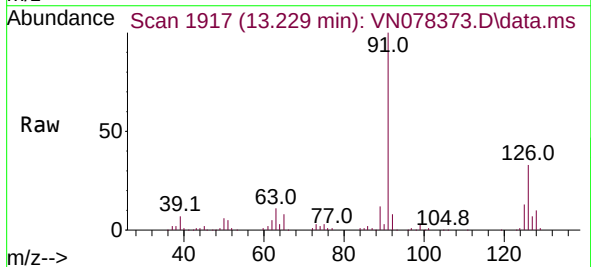
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

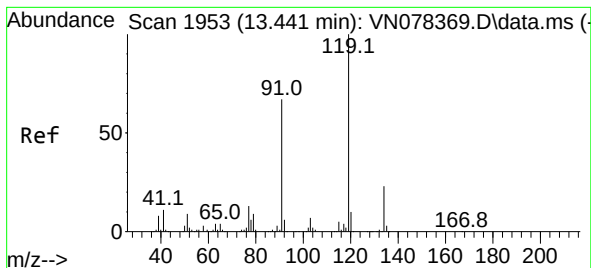
Tgt Ion: 75 Resp: 37967
Ion Ratio Lower Upper
75 100
53 99.5 41.6 124.9
89 38.2 25.1 75.4



#78
4-Chlorotoluene
Concen: 20.968 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion: 91 Resp: 297320
Ion Ratio Lower Upper
91 100
126 34.2 0.0 68.8





#79

tert-butylbenzene

Concen: 21.763 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062323

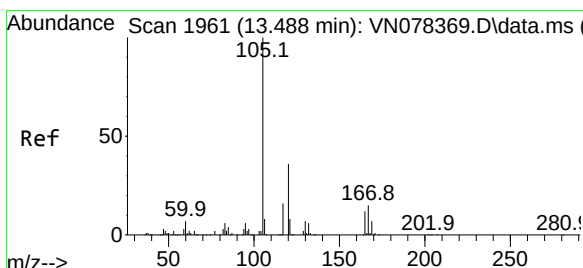
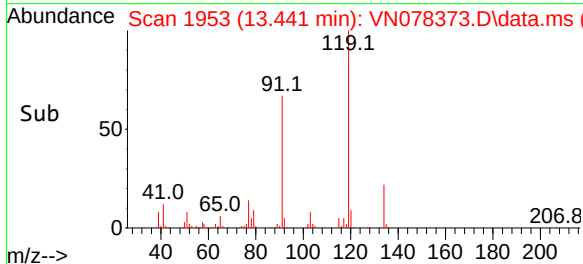
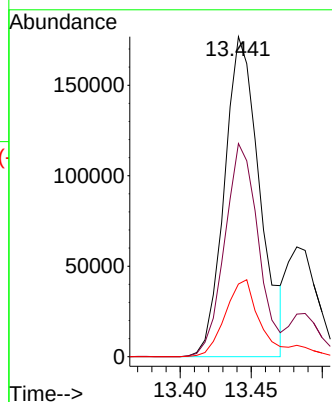
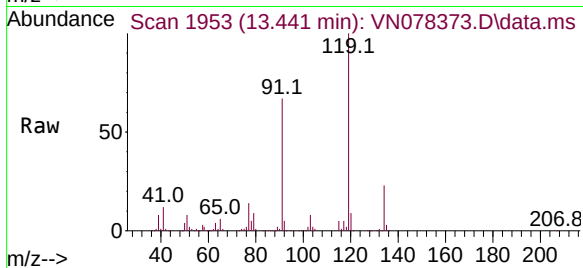
Tgt Ion:119 Resp: 305583

Ion Ratio Lower Upper

119 100

91 63.7 0.0 126.6

134 23.4 0.0 44.0



#80

1,2,4-Trimethylbenzene

Concen: 22.337 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078373.D

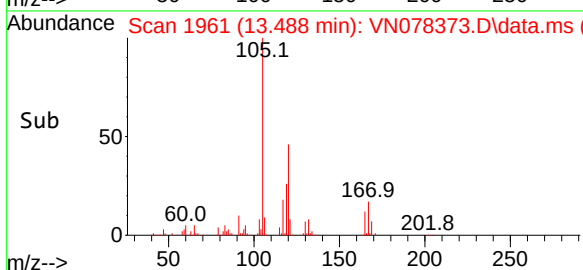
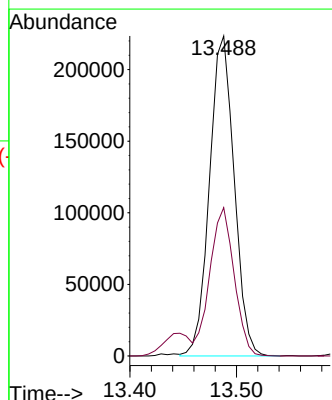
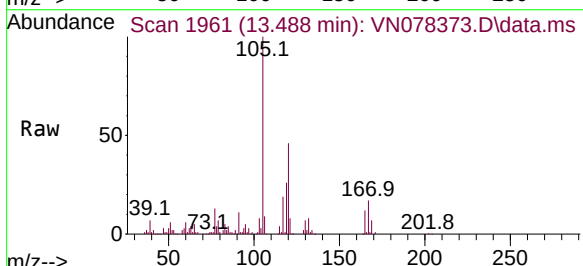
Acq: 23 Jun 2023 12:45

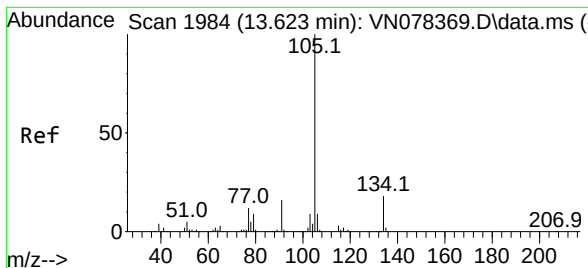
Tgt Ion:105 Resp: 360275

Ion Ratio Lower Upper

105 100

120 45.7 0.0 88.2





#81

sec-Butylbenzene

Concen: 21.296 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

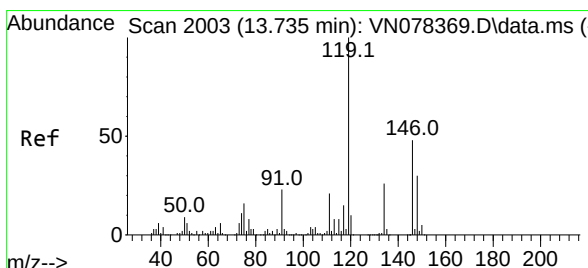
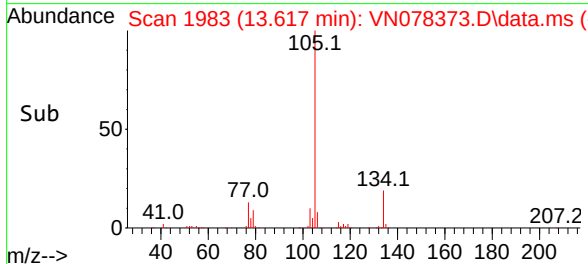
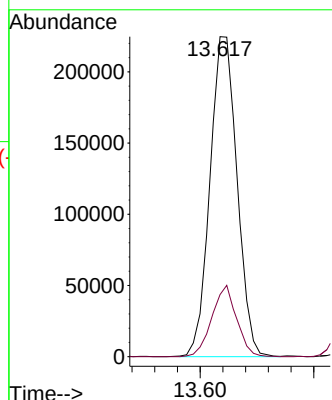
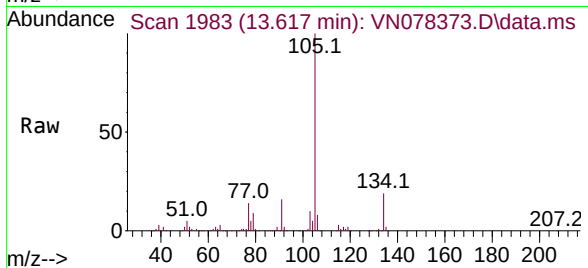
ICVVN062323

Tgt Ion:105 Resp: 373041

Ion Ratio Lower Upper

105 100

134 20.3 0.0 38.6



#82

p-Isopropyltoluene

Concen: 21.499 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

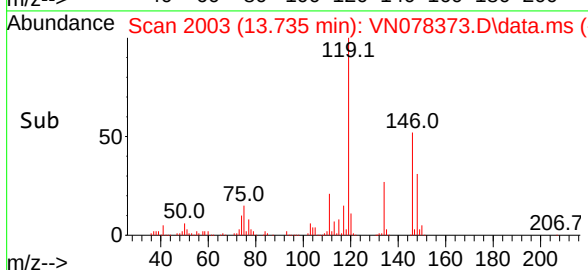
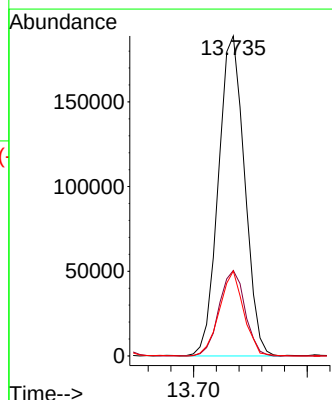
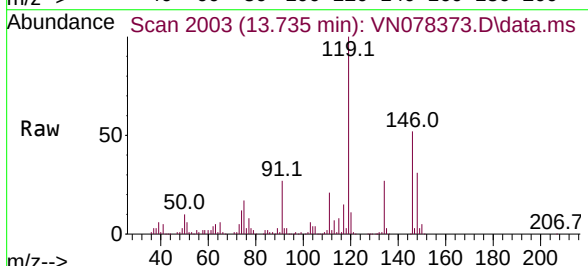
Tgt Ion:119 Resp: 302917

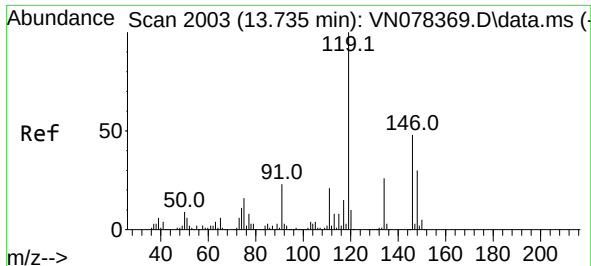
Ion Ratio Lower Upper

119 100

134 26.4 0.0 52.4

91 24.6 0.0 48.2

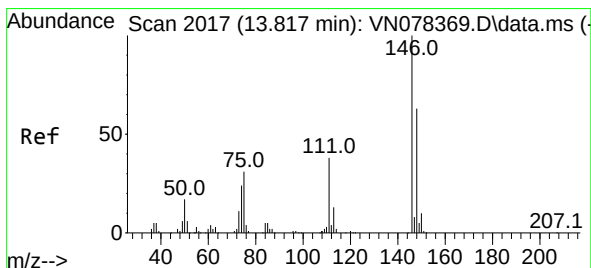
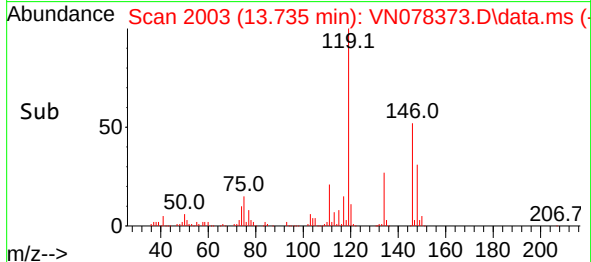
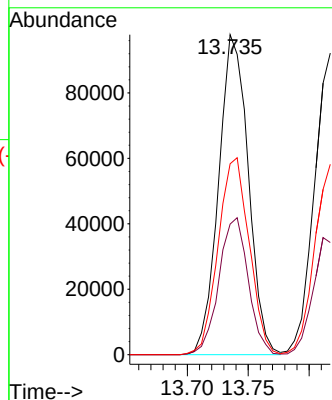
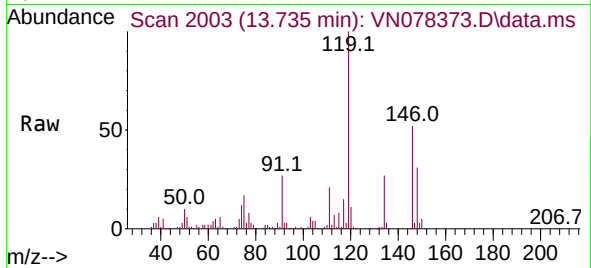




#83
1,3-Dichlorobenzene
Concen: 21.271 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

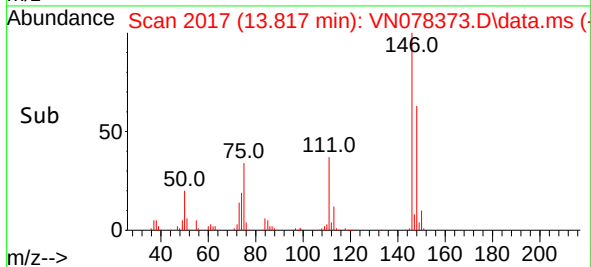
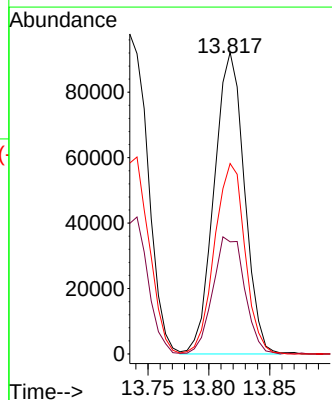
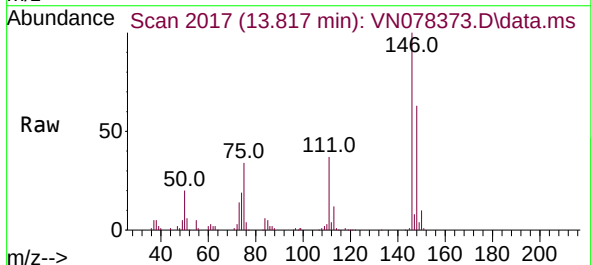
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

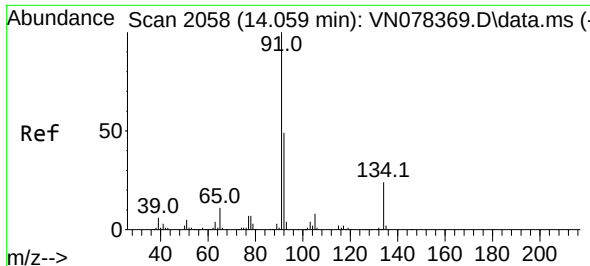
Tgt Ion:146 Resp: 165923
Ion Ratio Lower Upper
146 100
111 42.3 21.6 64.6
148 64.5 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 21.151 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion:146 Resp: 159516
Ion Ratio Lower Upper
146 100
111 40.7 19.4 58.2
148 63.4 31.4 94.3

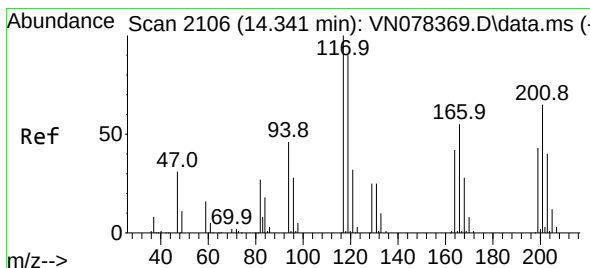
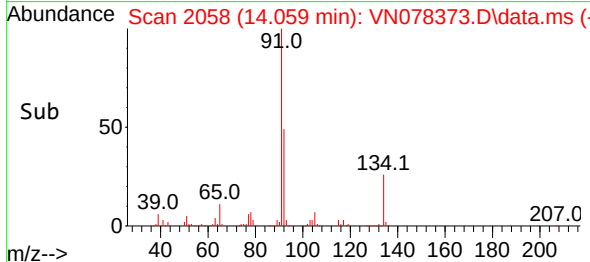
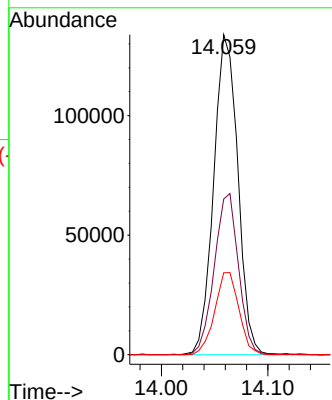
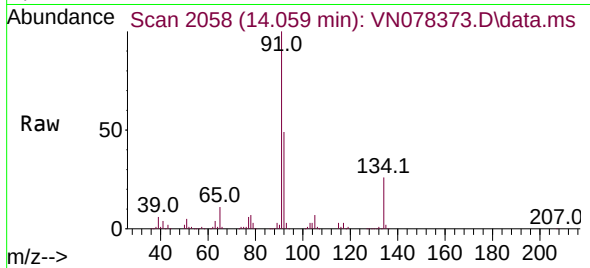




#85
n-Butylbenzene
Concen: 20.251 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

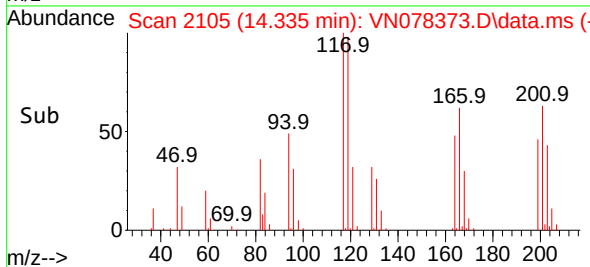
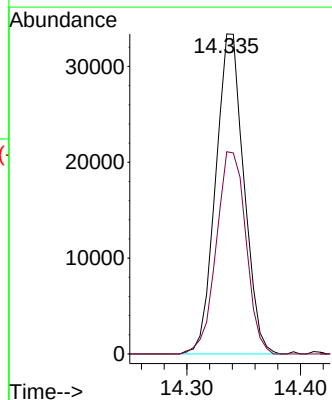
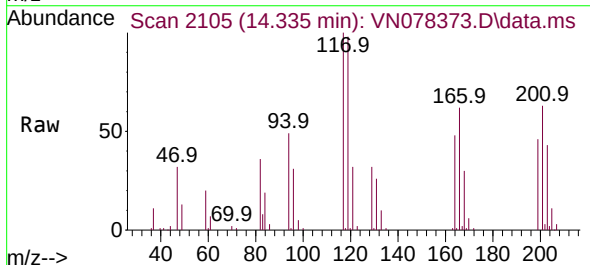
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

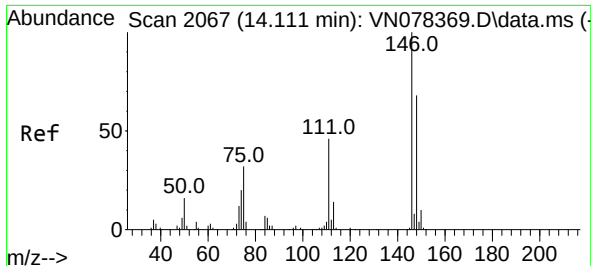
Tgt Ion: 91 Resp: 210761
Ion Ratio Lower Upper
91 100
92 50.5 0.0 99.6
134 25.7 0.0 50.0



#86
Hexachloroethane
Concen: 21.273 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion: 117 Resp: 57689
Ion Ratio Lower Upper
117 100
201 66.2 34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 21.547 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062323

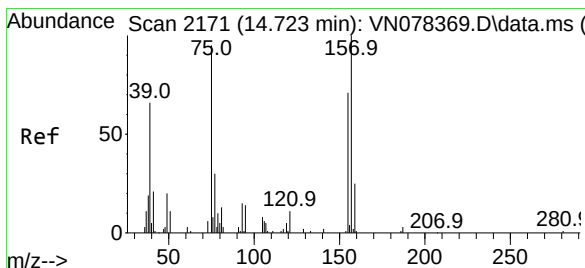
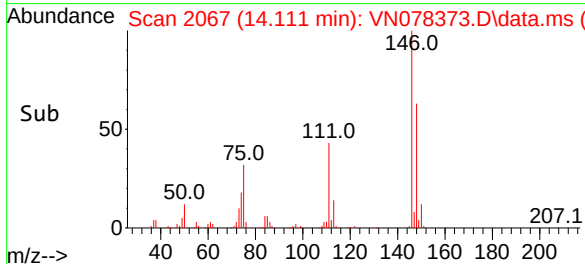
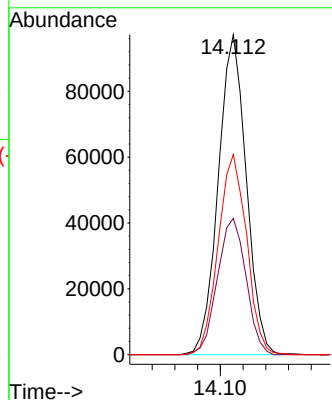
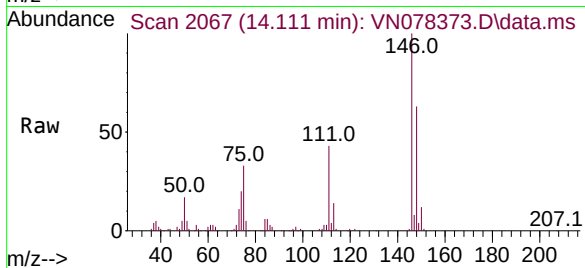
Tgt Ion:146 Resp: 166606

Ion Ratio Lower Upper

146 100

111 43.4 22.4 67.3

148 63.6 33.4 100.1



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.684 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN078373.D

Acq: 23 Jun 2023 12:45

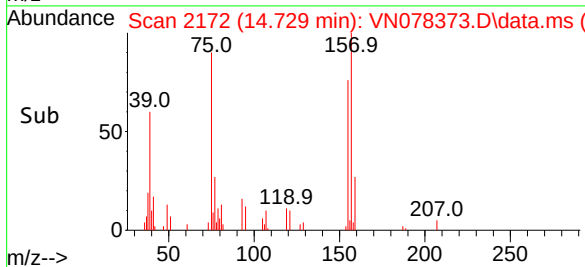
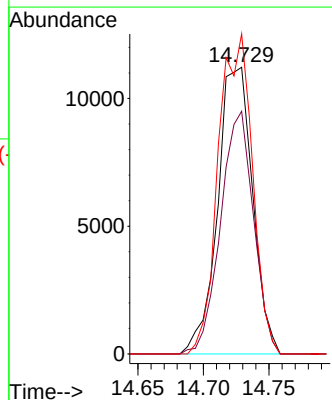
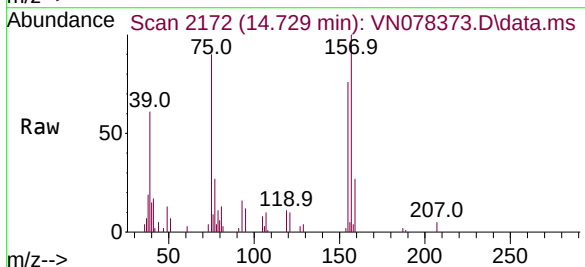
Tgt Ion: 75 Resp: 20862

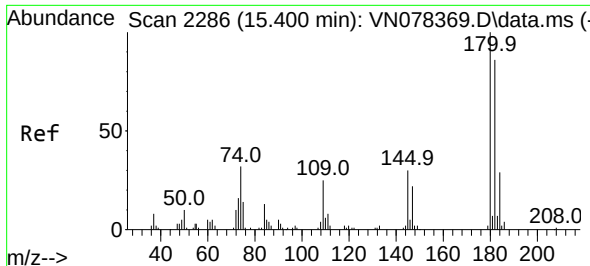
Ion Ratio Lower Upper

75 100

155 79.4 68.2 102.2

157 108.1 84.7 127.1

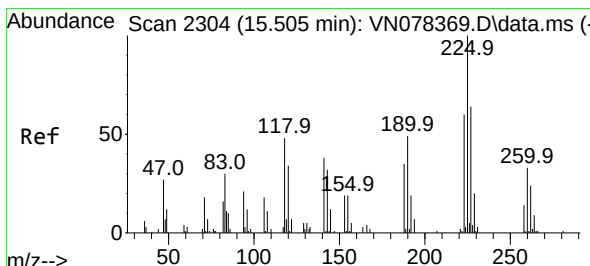
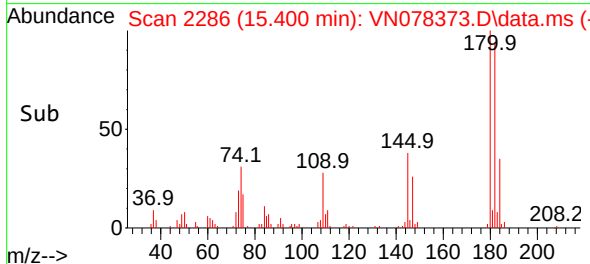
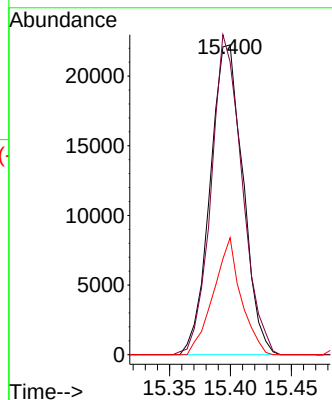
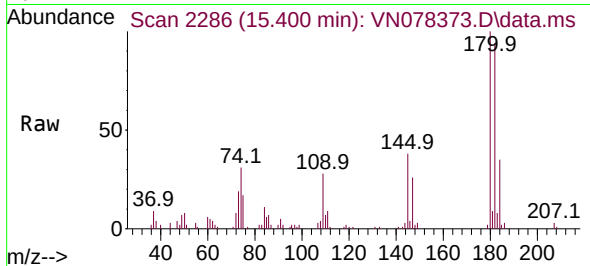




#89
1,2,4-Trichlorobenzene
Concen: 17.740 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

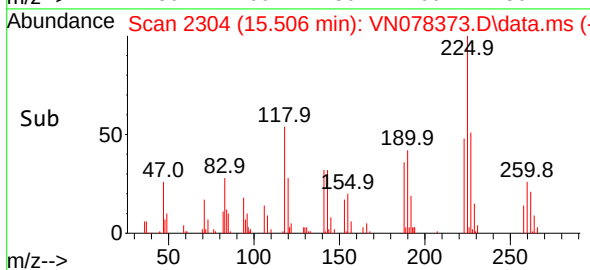
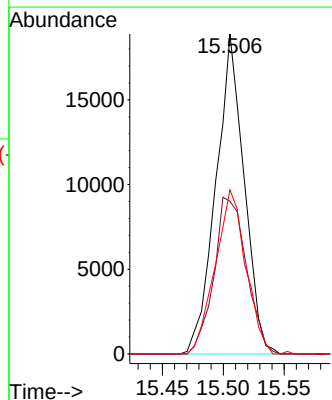
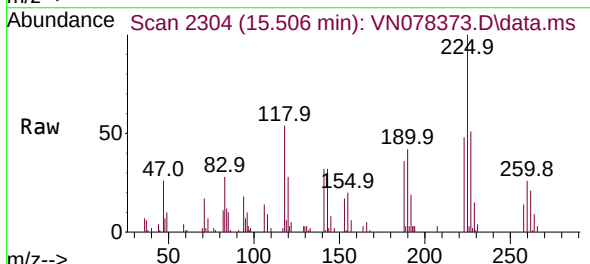
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

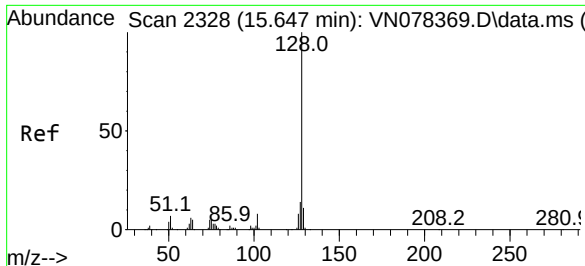
Tgt Ion:180 Resp: 41824
Ion Ratio Lower Upper
180 100
182 97.2 73.7 110.5
145 31.6 25.0 37.6



#90
Hexachlorobutadiene
Concen: 19.003 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion:225 Resp: 30460
Ion Ratio Lower Upper
225 100
223 56.4 0.0 130.0
227 55.6 0.0 124.0

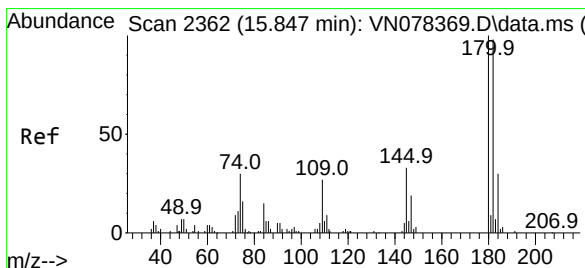
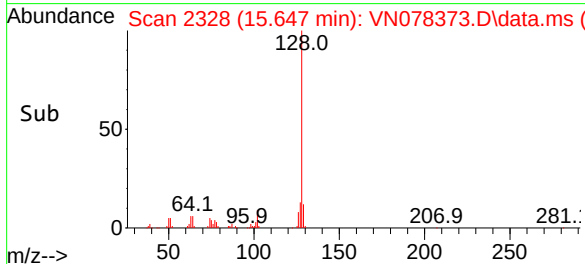
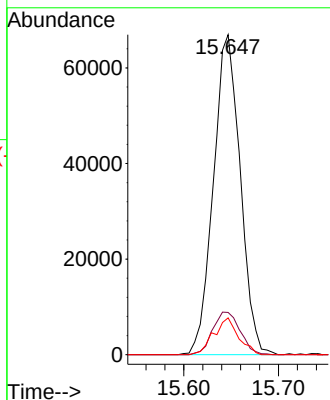
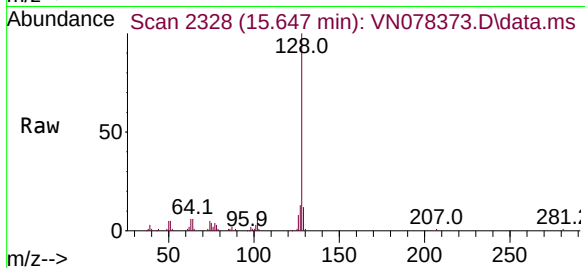




#91
Naphthalene
Concen: 17.057 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

Tgt Ion:128 Resp: 131769
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.2
129 10.6 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 19.220 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078373.D
Acq: 23 Jun 2023 12:45

Tgt Ion:180 Resp: 52422
Ion Ratio Lower Upper
180 100
182 91.1 0.0 196.4
145 35.6 0.0 71.0

