

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090723\
 Data File : VN079171.D
 Acq On : 07 Sep 2023 09:56
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 08 04:43:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 04:42:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	20945	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	117618	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	122849	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	48808	30.971	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.233%			
60) 4-Bromofluorobenzene	12.853	95	61349	33.892	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 112.967%#			
63) Toluene-d8	10.571	98	160323	27.925	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 93.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	190566	162.902	ug/l	96
3) Chloromethane	2.365	50	119494	101.869	ug/l	97
4) Vinyl Chloride	2.512	62	137426	118.416	ug/l	97
5) Bromomethane	2.936	94	96280	134.991	ug/l	98
6) Chloroethane	3.106	64	97204	136.765	ug/l	96
7) Trichlorofluoromethane	3.489	101	185236	134.070	ug/l	98
8) Diethyl Ether	3.965	74	67836	133.897	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.365	101	103016	146.536	ug/l	94
10) 1,1-Dichloroethene	4.336	96	101289	137.282	ug/l	93
11) Methyl Iodide	4.589	142	143511	154.423	ug/l	95
12) Methyl Acetate	5.030	43	207009	137.053	ug/l #	90
13) Acrolein	4.183	56	95455	609.517	ug/l	97
14) Acrylonitrile	5.724	53	297860	657.883	ug/l #	93
15) Acetone	4.430	58	103635	787.597	ug/l	87
16) Carbon Disulfide	4.712	76	281134	128.959	ug/l	98
17) Allyl chloride	5.024	41	143775	145.314	ug/l	91
18) Methylene Chloride	5.277	84	121694	122.982	ug/l	97
19) trans-1,2-Dichloroethene	5.789	96	119401	129.348	ug/l	91
20) Diisopropyl ether	6.677	45	387117	109.345	ug/l #	87
21) 1,1-Dichloroethane	6.571	63	219217	105.704	ug/l	96
22) cis-1,2-Dichloroethene	7.494	96	145703	100.923	ug/l	94
23) tert-Butyl Alcohol	5.530	59	103552	533.669	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	375118	128.823	ug/l	96
25) Chloroform	7.971	83	250371	100.141	ug/l	94
26) Cyclohexane	8.259	56	180446	95.973	ug/l #	93
29) 1,1-Dichloropropene	8.377	75	183651	97.388	ug/l	96
30) 2-Butanone	7.489	43	467655	493.041	ug/l	93
31) 2,2-Dichloropropane	7.494	77	202685	107.754	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	220655	99.318	ug/l	97
33) Carbon Tetrachloride	8.365	117	193210	138.028	ug/l	92
34) Benzene	8.612	78	545804	91.096	ug/l	97
35) Methacrylonitrile	7.783	41	96697	94.682	ug/l	92
36) 1,2-Dichloroethane	8.677	62	192150	97.242	ug/l	99
37) Trichloroethene	9.359	130	137652	97.200	ug/l	96
38) Methylcyclohexane	9.606	83	192813	102.275	ug/l	93
39) 1,2-Dichloropropane	9.624	63	139281	90.120	ug/l	97
40) Dibromomethane	9.712	93	100765	98.867	ug/l	98
41) Bromodichloromethane	9.894	83	205866	101.326	ug/l	96
42) Vinyl Acetate	6.606	43	1223737	543.256	ug/l #	93

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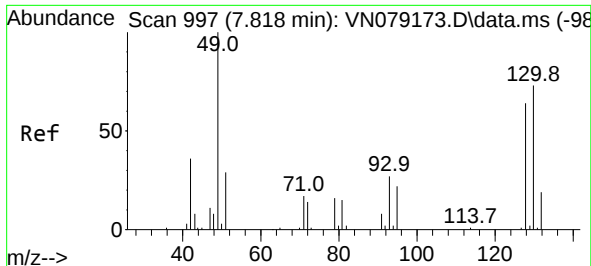
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	173882	96.526	ug/l	# 91
44) Isopropyl Acetate	8.694	43	293821	90.671	ug/l	93
45) 1,4-Dioxane	9.700	88	53145	1647.595	ug/l	90
46) Methyl methacrylate	9.688	41	142772	98.615	ug/l	85
47) n-amyl Acetate	12.500	43	305255	133.943	ug/l	94
48) t-1,3-Dichloropropene	10.841	75	239442	108.933	ug/l	95
49) cis-1,3-Dichloropropene	10.318	75	247235	107.834	ug/l	90
50) 1,1,2-Trichloroethane	11.024	97	146491	102.422	ug/l	96
51) Ethyl methacrylate	10.877	69	238966	108.219	ug/l	86
52) 1,3-Dichloropropane	11.171	76	256228	104.967	ug/l	100
53) Dibromochloromethane	11.365	129	170211	113.502	ug/l	97
54) 1,2-Dibromoethane	11.477	107	156733	108.052	ug/l	95
55) 2-Chloroethyl vinyl ether	10.165	63	440151	560.973	ug/l	99
56) Bromoform	12.582	173	133236	127.621	ug/l	100
58) 4-Methyl-2-Pentanone	10.447	43	972363	431.327	ug/l	92
59) 2-Hexanone	11.200	43	775116	489.585	ug/l	92
61) Tetrachloroethene	11.106	164	127940	95.711	ug/l	93
62) Toluene	10.635	91	663556	92.768	ug/l	98
64) Chlorobenzene	11.900	112	409181	98.058	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.965	131	158542	99.240	ug/l	98
66) Ethyl Benzene	11.971	91	779851	108.282	ug/l	99
67) m/p-Xylenes	12.076	106	593178	218.892	ug/l	97
68) o-Xylene	12.406	106	290822	111.231	ug/l	100
69) Styrene	12.418	104	499941	119.935	ug/l	99
70) Isopropylbenzene	12.700	105	749635	112.846	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	242701	97.665	ug/l	100
72) 1,2,3-Trichloropropane	13.000	75	306796	135.619	ug/l	60
73) Bromobenzene	12.988	156	183502	110.584	ug/l	97
74) n-propylbenzene	13.041	91	901058	119.047	ug/l	100
75) 2-Chlorotoluene	13.129	91	534594	110.151	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	632005	115.062	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	83627	113.599	ug/l	84
78) 4-Chlorotoluene	13.223	91	544525	118.822	ug/l	99
79) tert-butylbenzene	13.441	119	529906	117.534	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	627487	119.623	ug/l	98
81) sec-Butylbenzene	13.623	105	740115	119.980	ug/l	98
82) p-Isopropyltoluene	13.735	119	623766	128.015	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	334164	126.803	ug/l	96
84) 1,4-Dichlorobenzene	13.818	146	324913	131.461	ug/l	99
85) n-Butylbenzene	14.059	91	528821	142.496	ug/l	98
86) Hexachloroethane	14.335	117	115418	119.637	ug/l	97
87) 1,2-Dichlorobenzene	14.112	146	319795	122.975	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	49826	118.623	ug/l	92
89) 1,2,4-Trichlorobenzene	15.847	180	195644	175.646	ug/l	99
90) Hexachlorobutadiene	15.506	225	99854	147.976	ug/l	96
91) Naphthalene	15.647	128	596050	204.960	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	195644	175.646	ug/l	99

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

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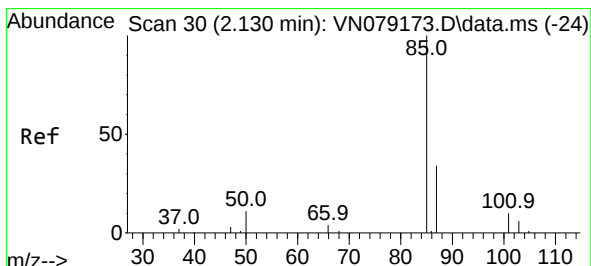
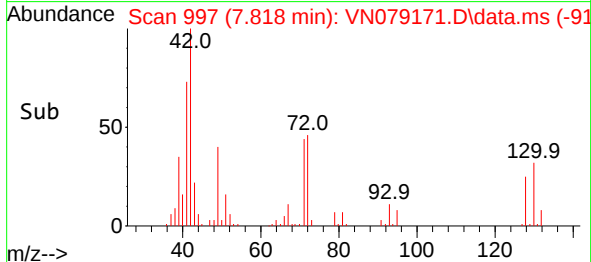
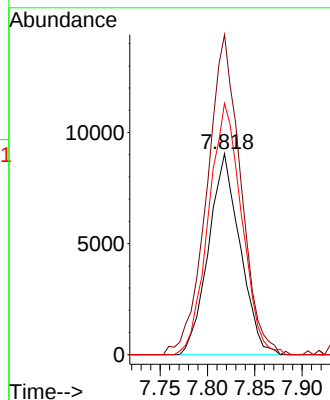
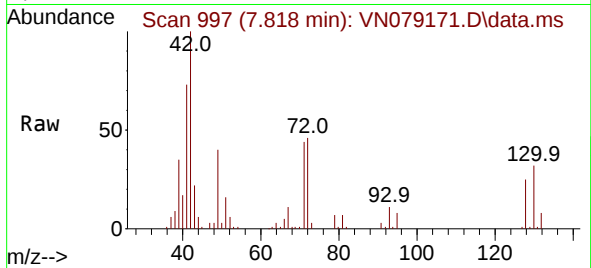




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

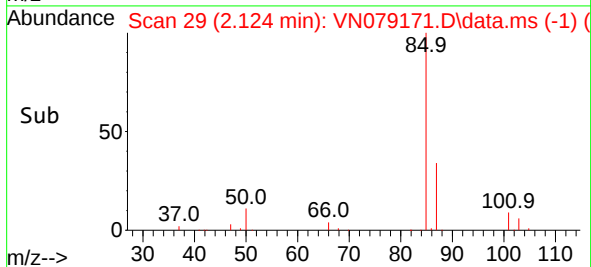
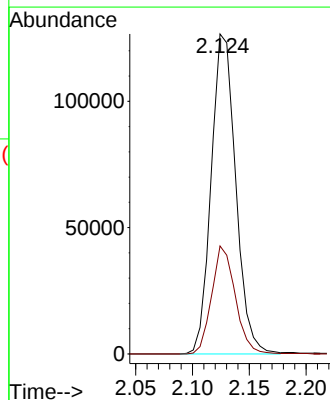
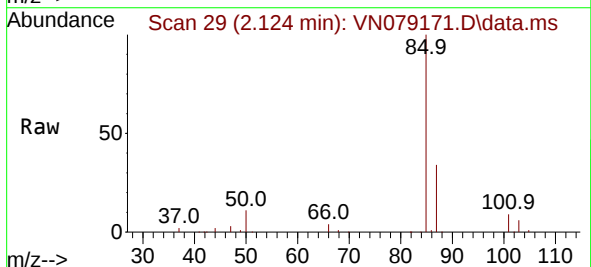
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ClientSampleId :
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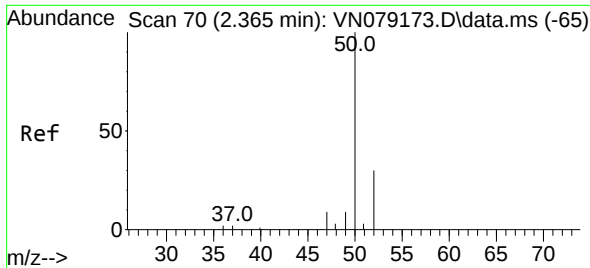
Tgt Ion:128 Resp: 20945
Ion Ratio Lower Upper
128 100
49 170.3 0.0 481.8
130 131.7 0.0 320.5



#2
Dichlorodifluoromethane
Concen: 162.902 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 85 Resp: 190566
Ion Ratio Lower Upper
85 100
87 33.8 15.9 47.7

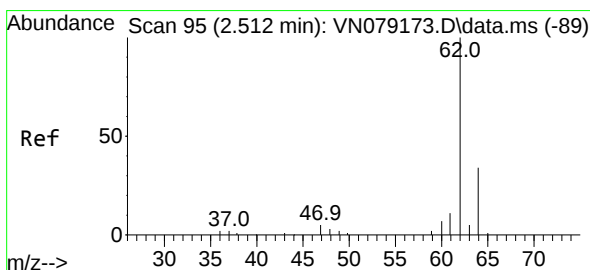
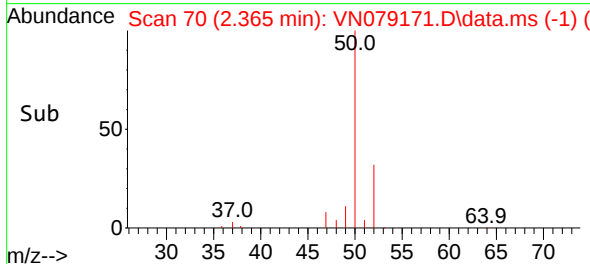
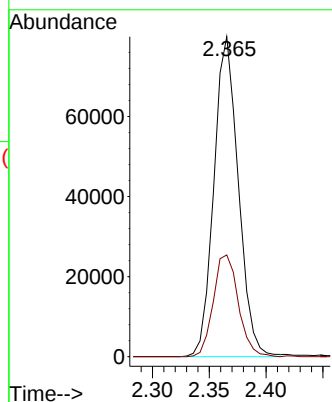
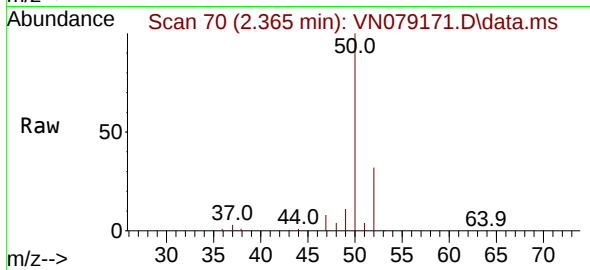




#3
Chloromethane
Concen: 101.869 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

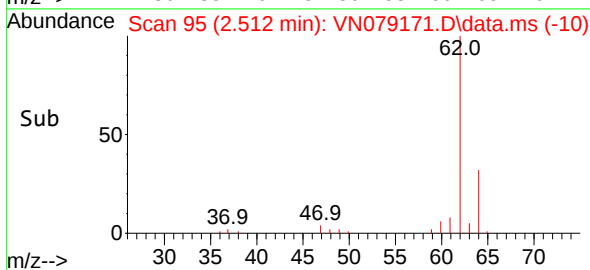
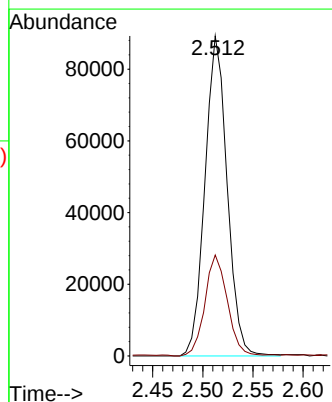
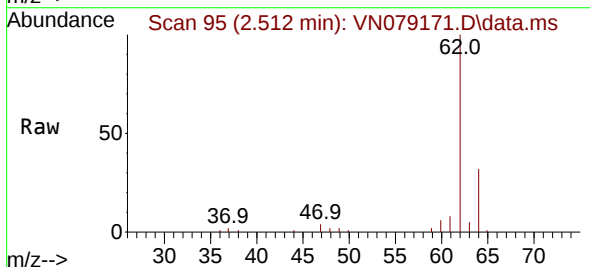
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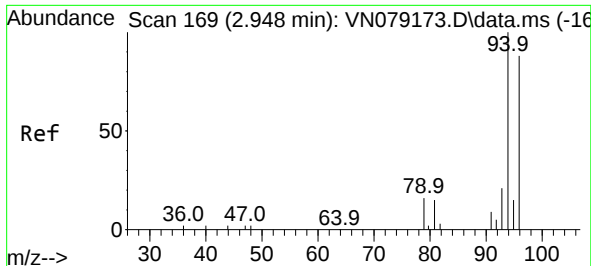
Tgt Ion: 50 Resp: 119494
Ion Ratio Lower Upper
50 100
52 31.8 24.2 36.4



#4
Vinyl Chloride
Concen: 118.416 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 62 Resp: 137426
Ion Ratio Lower Upper
62 100
64 31.6 23.8 35.8

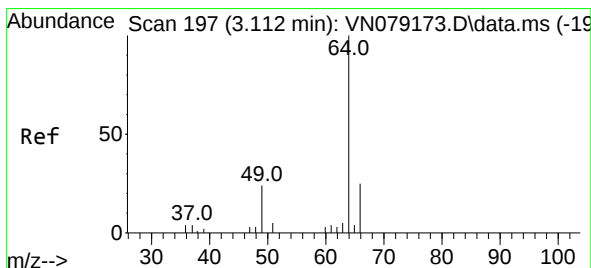
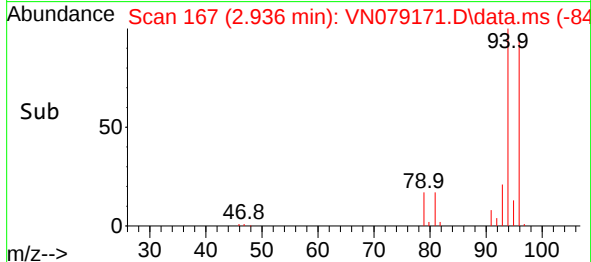
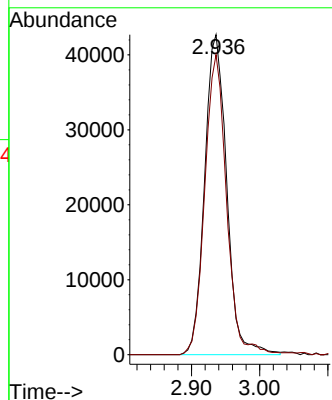
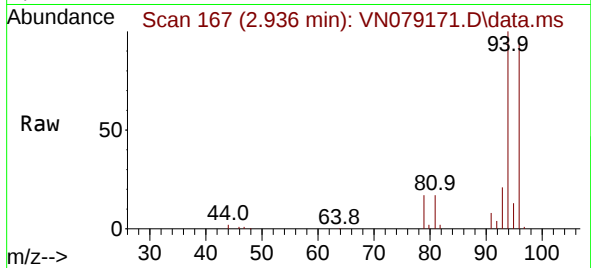




#5
Bromomethane
Concen: 134.991 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

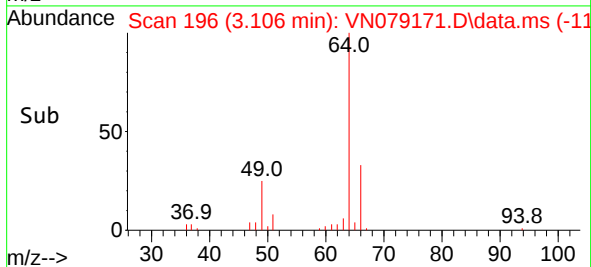
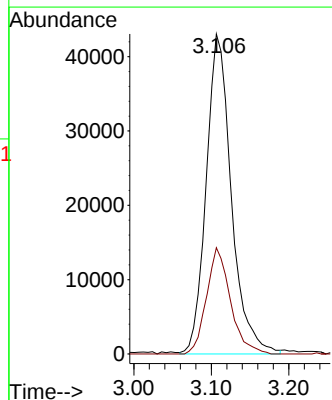
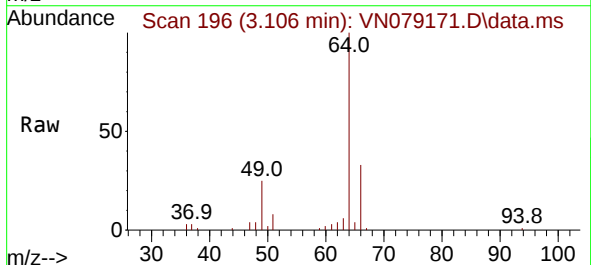
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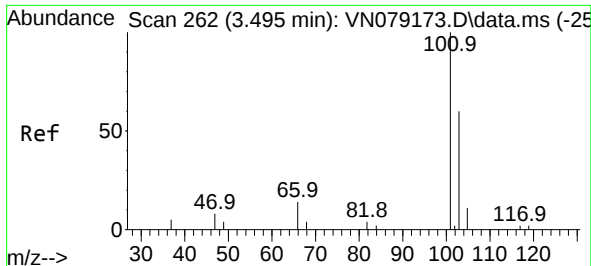
Tgt Ion: 94 Resp: 96280
Ion Ratio Lower Upper
94 100
96 93.8 73.6 110.4



#6
Chloroethane
Concen: 136.765 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 64 Resp: 97204
Ion Ratio Lower Upper
64 100
66 33.3 24.9 37.3

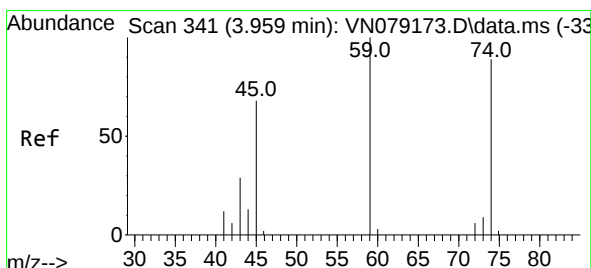
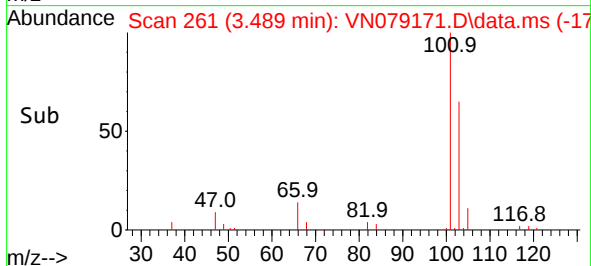
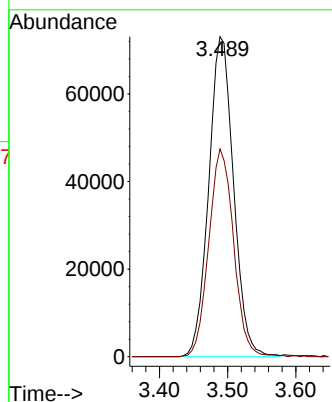
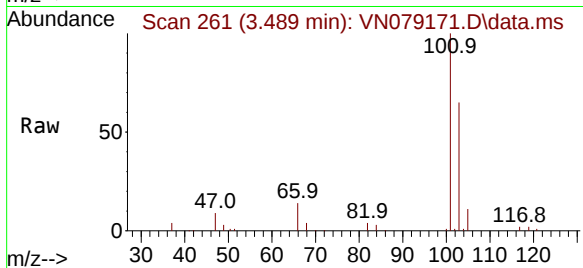




#7
Trichlorofluoromethane
Concen: 134.070 ug/l
RT: 3.489 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

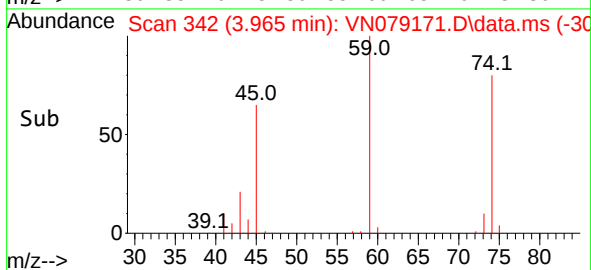
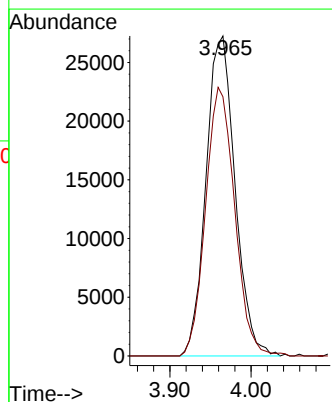
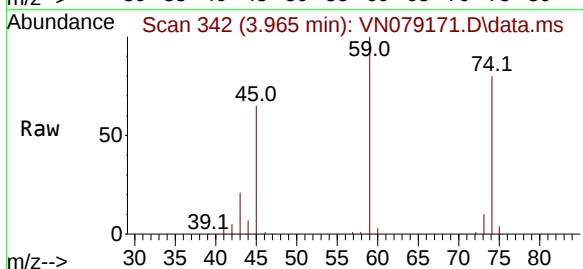
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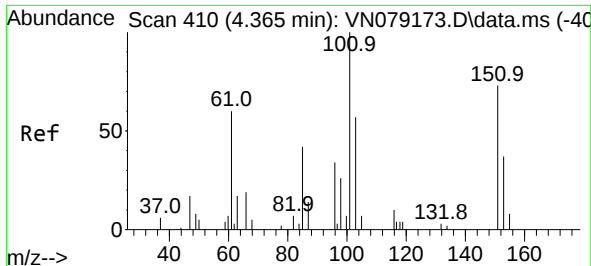
Tgt Ion:101 Resp: 185236
Ion Ratio Lower Upper
101 100
103 64.9 50.9 76.3



#8
Diethyl Ether
Concen: 133.897 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 74 Resp: 67836
Ion Ratio Lower Upper
74 100
45 83.9 21.3 191.9

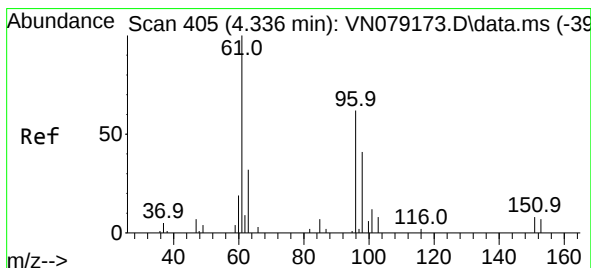
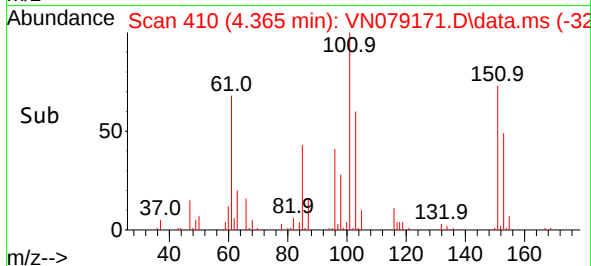
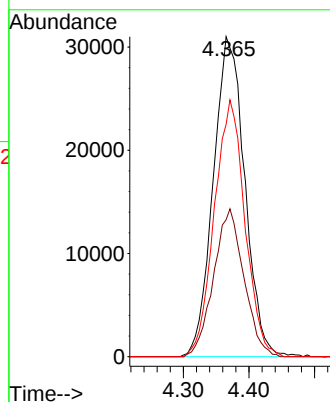
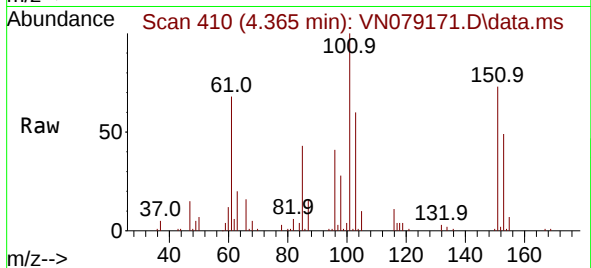




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 146.536 ug/l
 RT: 4.365 min Scan# 410
 Delta R.T. 0.000 min
 Lab File: VN079171.D
 Acq: 07 Sep 2023 09:56

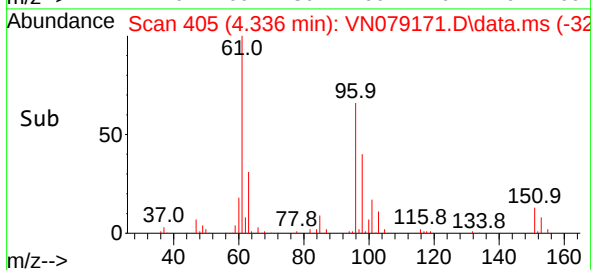
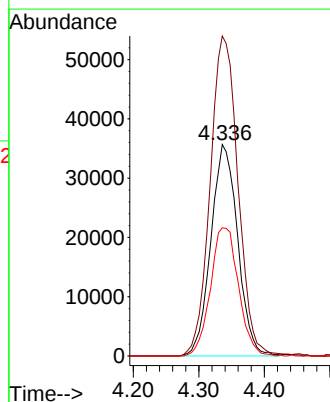
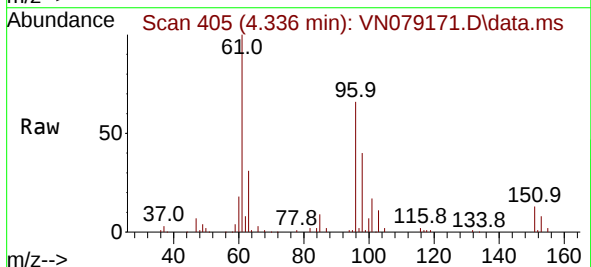
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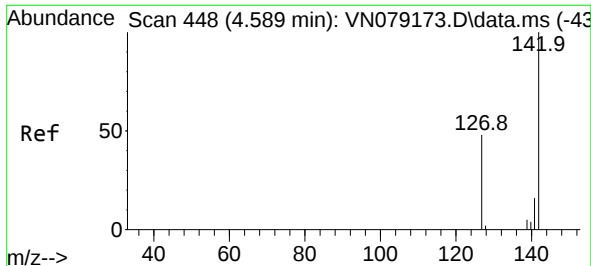
Tgt Ion:101 Resp: 103016
 Ion Ratio Lower Upper
 101 100
 85 44.7 0.0 65.4
 151 78.2 0.0 156.8



#10
 1,1-Dichloroethene
 Concen: 137.282 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VN079171.D
 Acq: 07 Sep 2023 09:56

Tgt Ion: 96 Resp: 101289
 Ion Ratio Lower Upper
 96 100
 61 151.4 126.2 189.4
 98 60.7 41.7 62.5

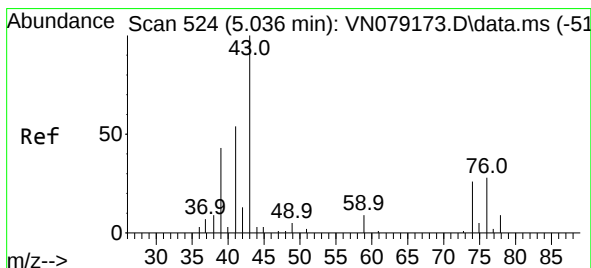
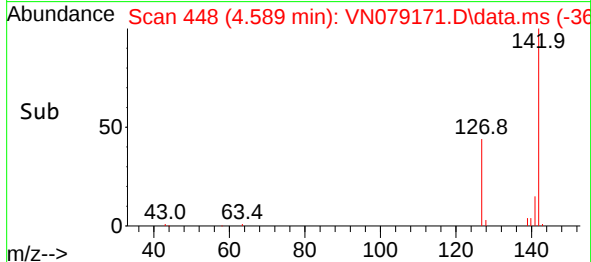
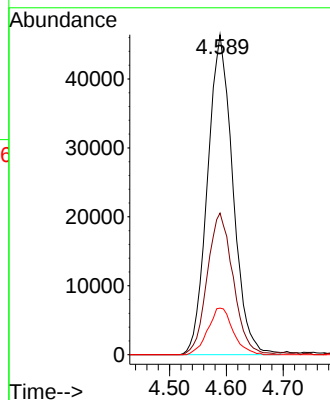
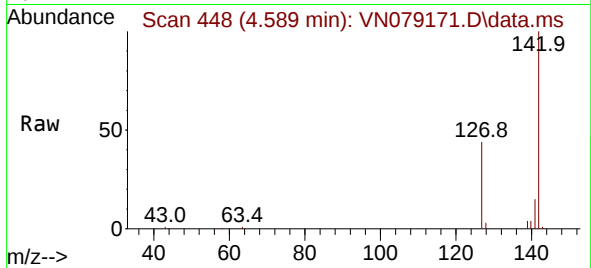




#11
Methyl Iodide
Concen: 154.423 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

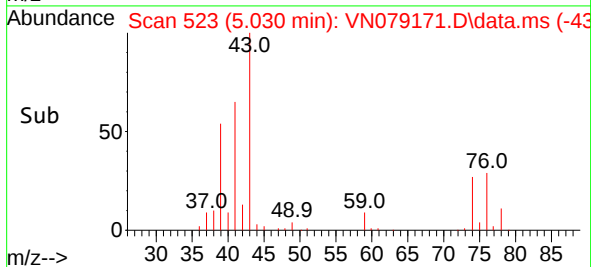
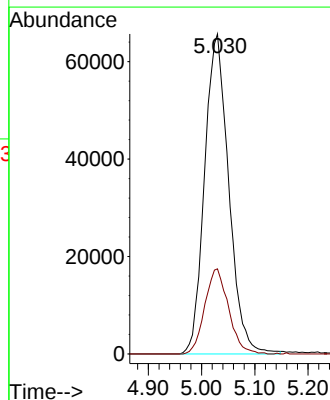
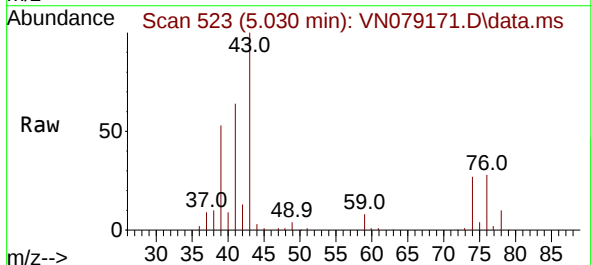
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

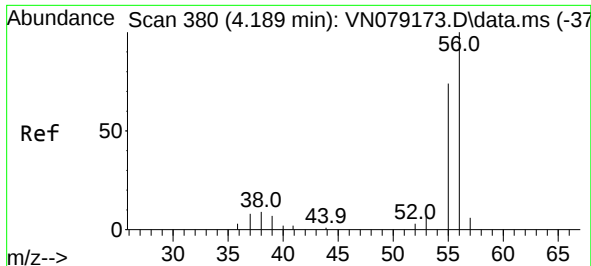
Tgt Ion:142 Resp: 143511
Ion Ratio Lower Upper
142 100
127 44.2 24.3 72.9
141 14.6 7.3 22.0



#12
Methyl Acetate
Concen: 137.053 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 43 Resp: 207009
Ion Ratio Lower Upper
43 100
74 26.7 17.5 26.3#





#13

Acrolein

Concen: 609.517 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

Instrument :

MSVOA_N

ClientSampleId :

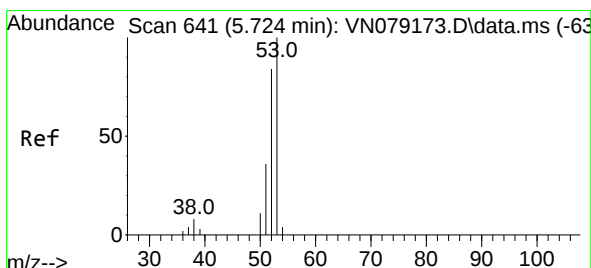
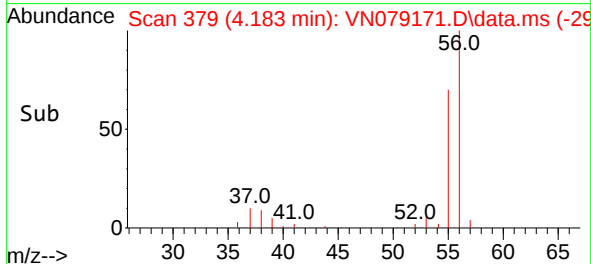
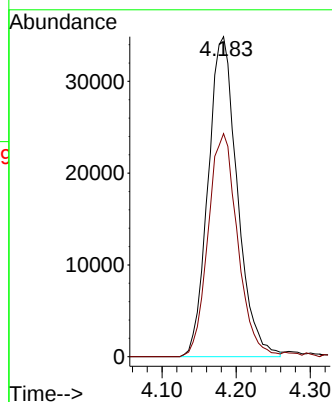
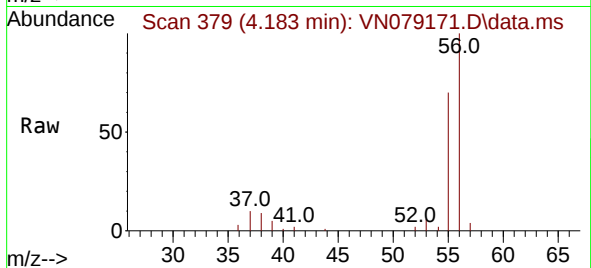
VSTDIC100

Tgt Ion: 56 Resp: 95455

Ion Ratio Lower Upper

56 100

55 70.2 54.5 81.7



#14

Acrylonitrile

Concen: 657.883 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.000 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

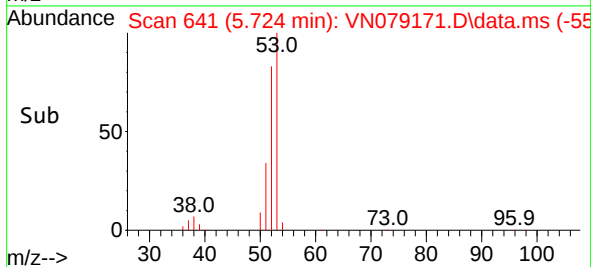
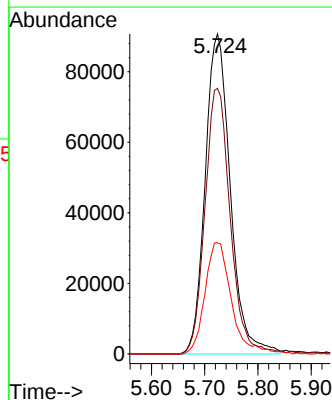
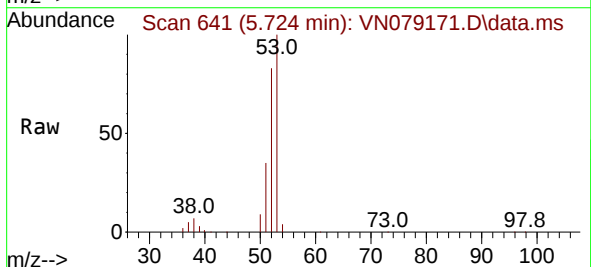
Tgt Ion: 53 Resp: 297860

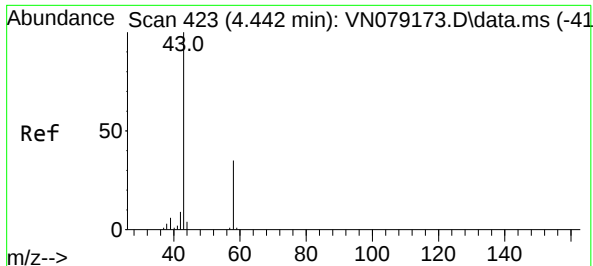
Ion Ratio Lower Upper

53 100

52 83.4 41.9 125.6

51 35.0 10.1 30.1#





#15

Acetone

Concen: 787.597 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

Instrument :

MSVOA_N

ClientSampleId :

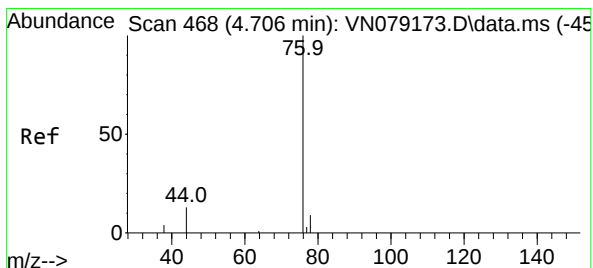
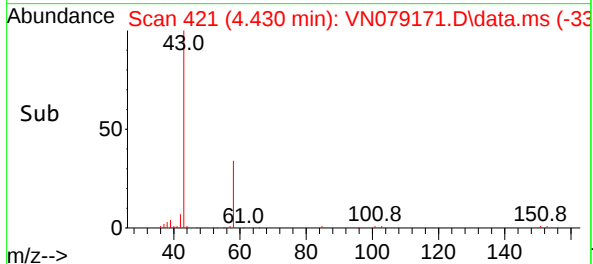
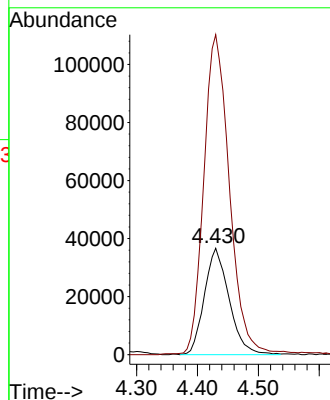
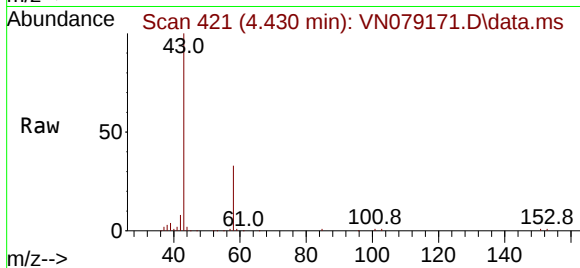
VSTDIC100

Tgt Ion: 58 Resp: 103635

Ion Ratio Lower Upper

58 100

43 299.7 260.6 390.8



#16

Carbon Disulfide

Concen: 128.959 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN079171.D

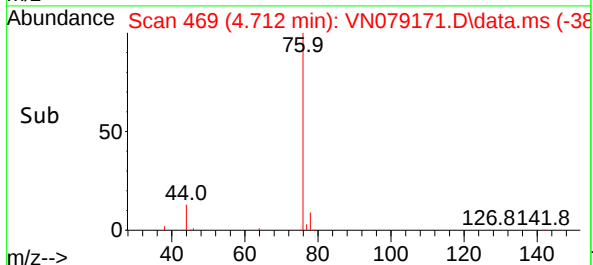
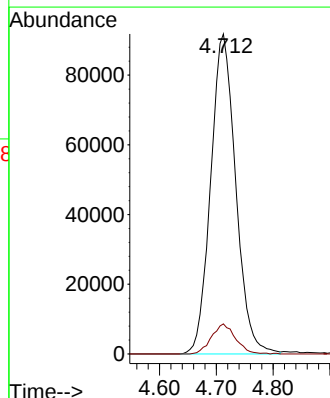
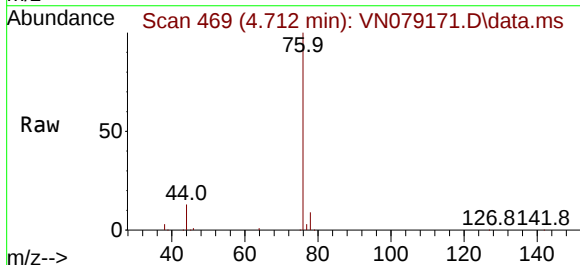
Acq: 07 Sep 2023 09:56

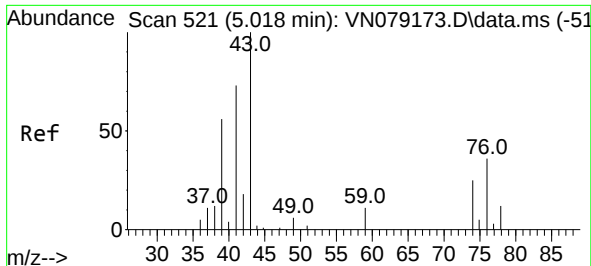
Tgt Ion: 76 Resp: 281134

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6

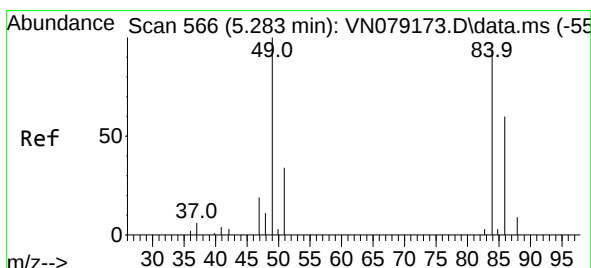
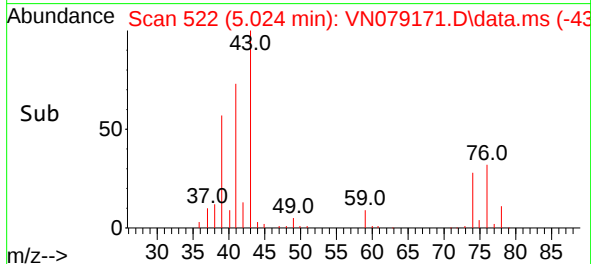
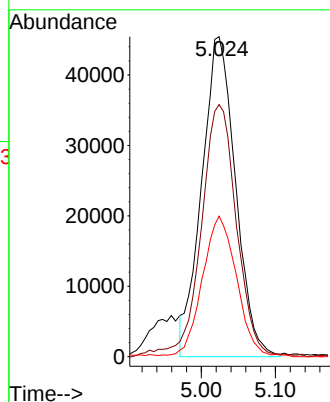
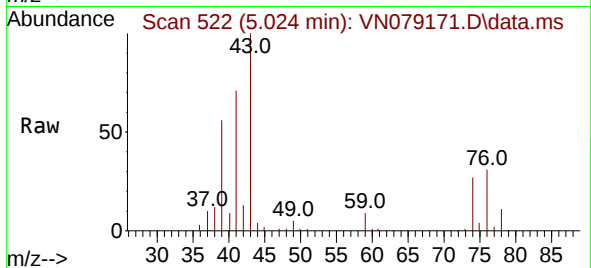




#17
 Allyl chloride
 Concen: 145.314 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN079171.D
 Acq: 07 Sep 2023 09:56

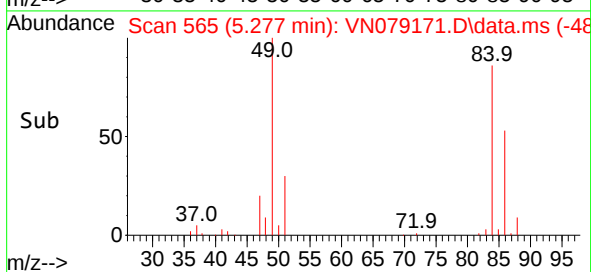
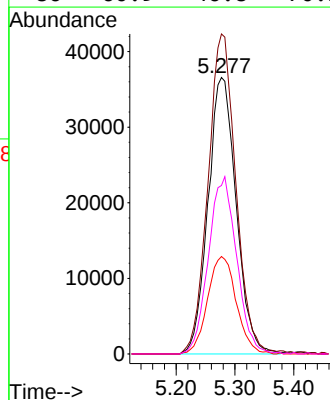
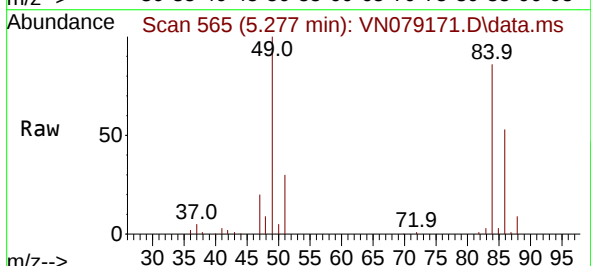
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

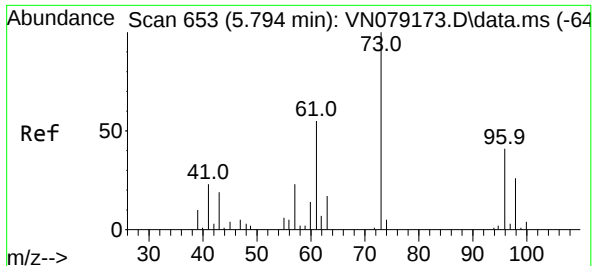
Tgt Ion:	41	Resp:	143775
Ion	Ratio	Lower	Upper
41	100		
39	78.7	36.9	110.7
76	43.8	17.3	51.9



#18
 Methylene Chloride
 Concen: 122.982 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN079171.D
 Acq: 07 Sep 2023 09:56

Tgt Ion:	84	Resp:	121694
Ion	Ratio	Lower	Upper
84	100		
49	115.8	95.8	143.6
51	35.2	28.6	43.0
86	60.9	46.8	70.2





#19

trans-1,2-Dichloroethene

Concen: 129.348 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

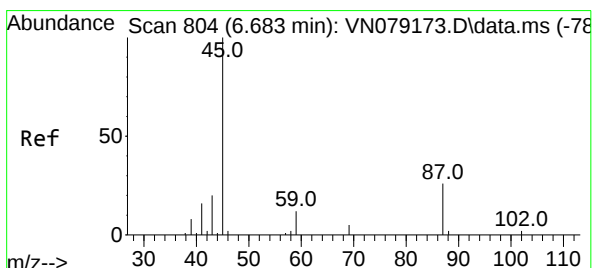
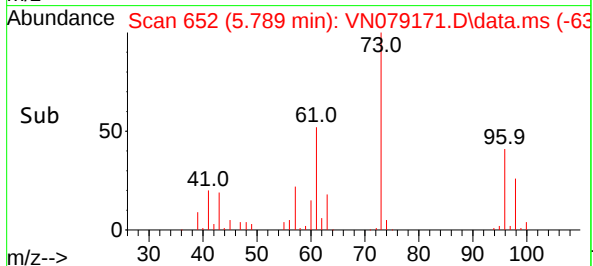
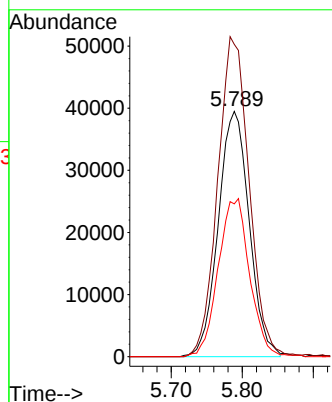
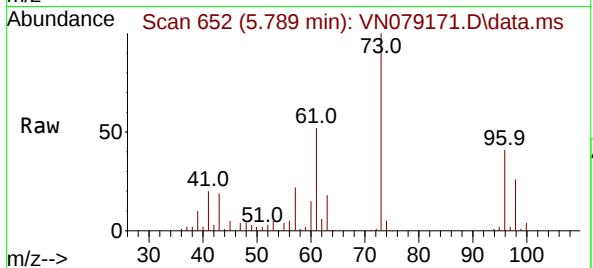
Tgt Ion: 96 Resp: 119401

Ion Ratio Lower Upper

96 100

61 127.3 114.0 171.0

98 62.3 50.6 76.0



#20

Diisopropyl ether

Concen: 109.345 ug/l

RT: 6.677 min Scan# 803

Delta R.T. -0.006 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

Tgt Ion: 45 Resp: 387117

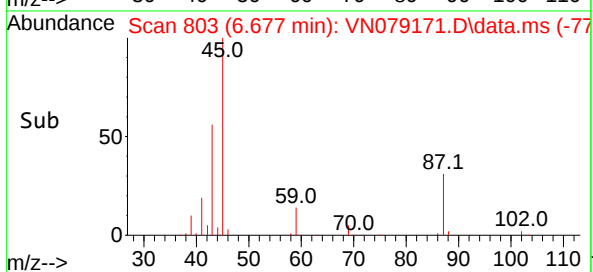
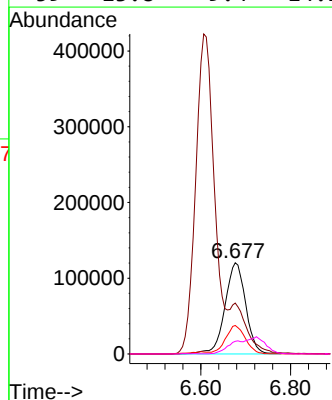
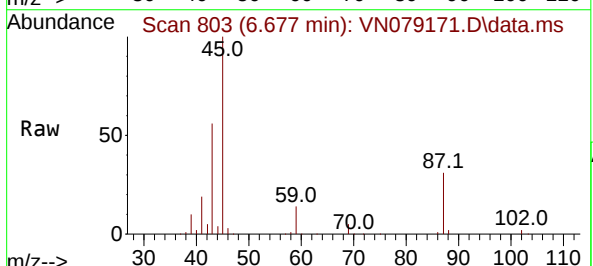
Ion Ratio Lower Upper

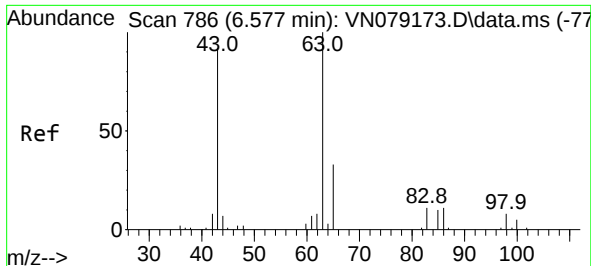
45 100

43 54.4 37.4 56.2

87 31.0 17.3 25.9#

59 13.8 9.4 14.2





#21

1,1-Dichloroethane

Concen: 105.704 ug/l

RT: 6.571 min Scan# 785

Delta R.T. -0.006 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

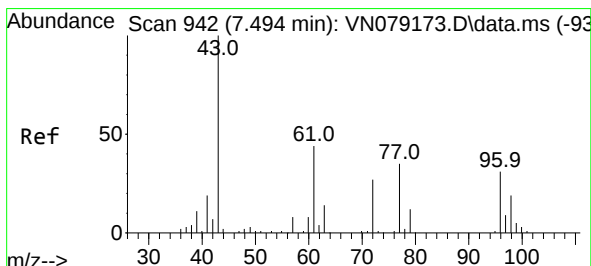
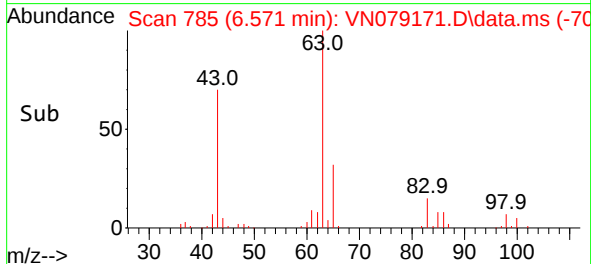
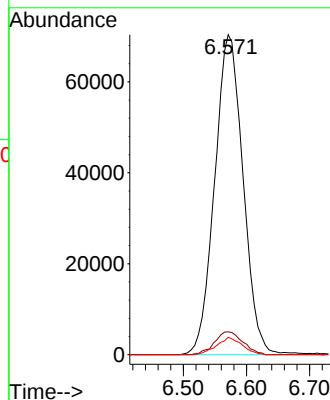
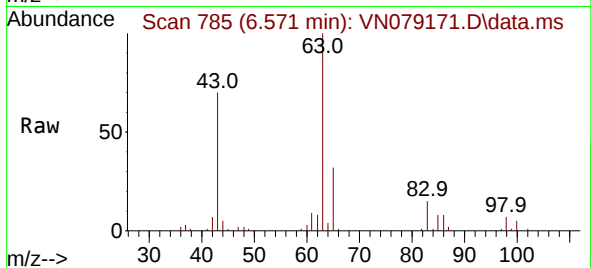
Tgt Ion: 63 Resp: 219217

Ion Ratio Lower Upper

63 100

98 7.1 4.4 13.2

100 5.5 2.1 6.5



#22

cis-1,2-Dichloroethene

Concen: 100.923 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

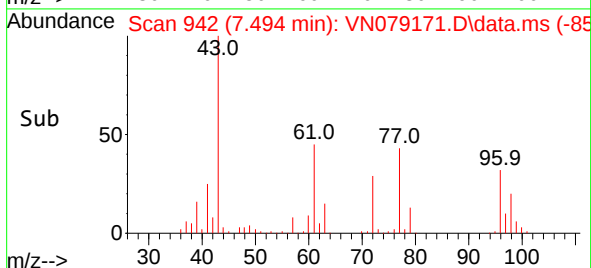
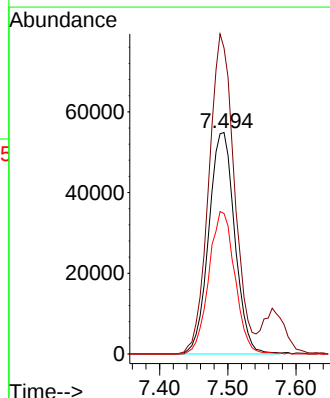
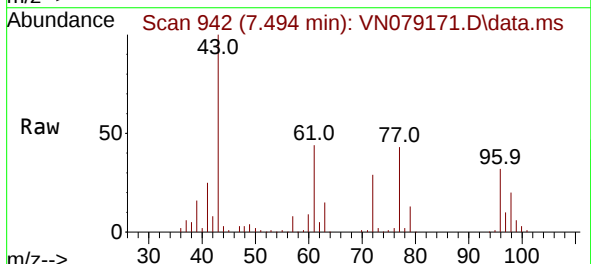
Tgt Ion: 96 Resp: 145703

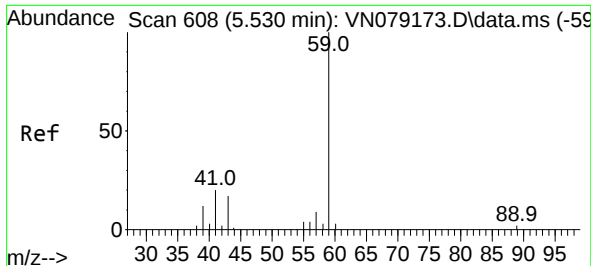
Ion Ratio Lower Upper

96 100

61 142.3 121.8 182.6

98 64.1 50.7 76.1

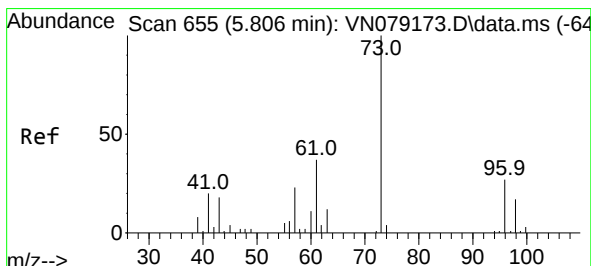
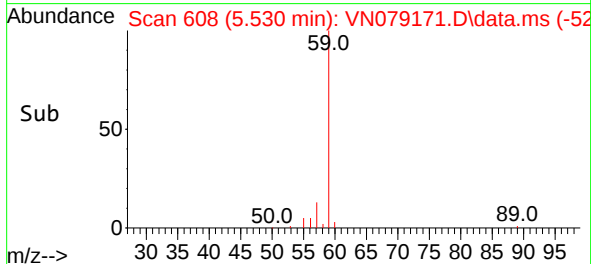
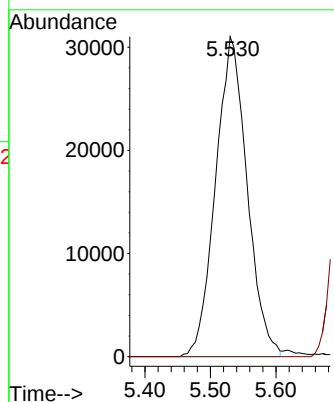
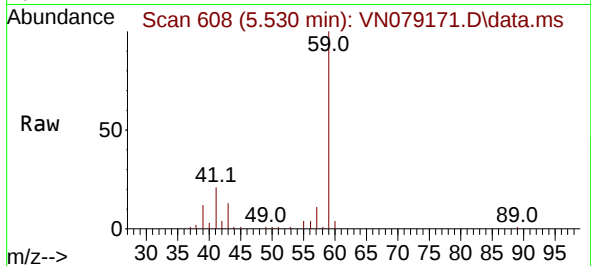




#23
tert-Butyl Alcohol
Concen: 533.669 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

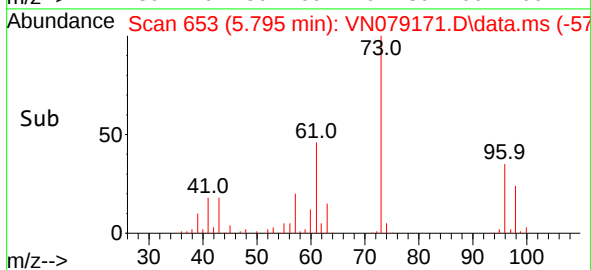
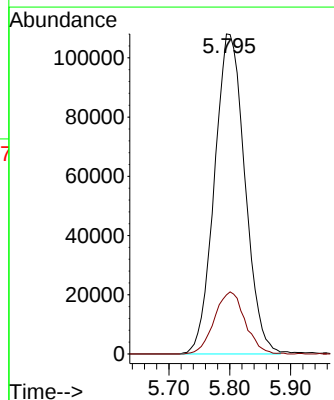
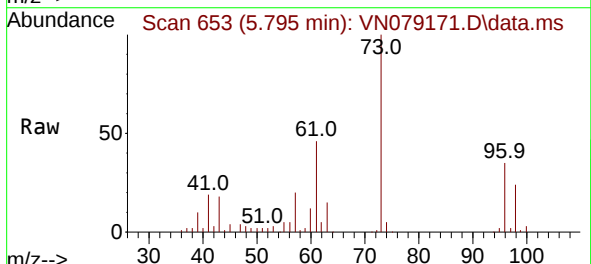
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

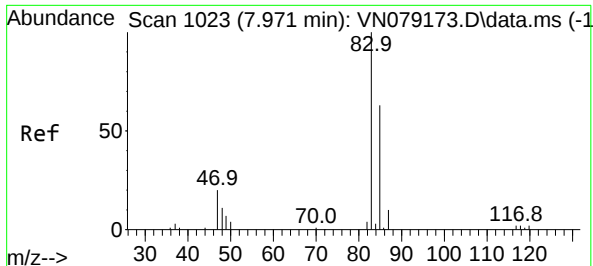
Tgt Ion: 59 Resp: 103552
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 128.823 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.012 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 73 Resp: 375118
Ion Ratio Lower Upper
73 100
43 19.6 17.3 25.9





#25

Chloroform

Concen: 100.141 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

Instrument :

MSVOA_N

ClientSampleId :

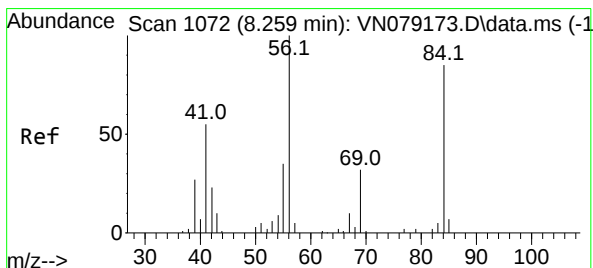
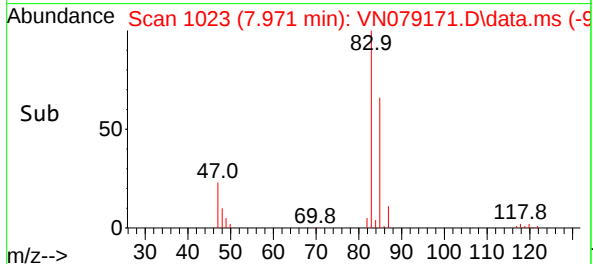
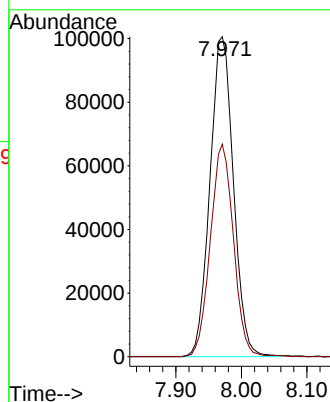
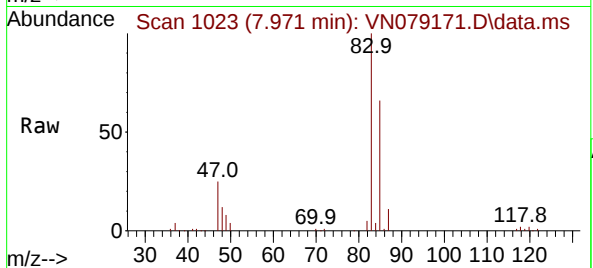
VSTDICC100

Tgt Ion: 83 Resp: 250371

Ion Ratio Lower Upper

83 100

85 66.4 49.6 74.4



#26

Cyclohexane

Concen: 95.973 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

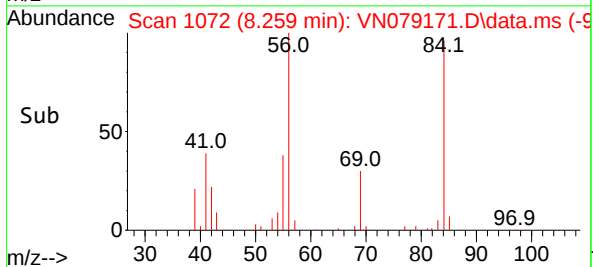
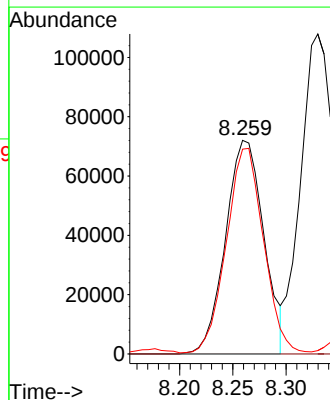
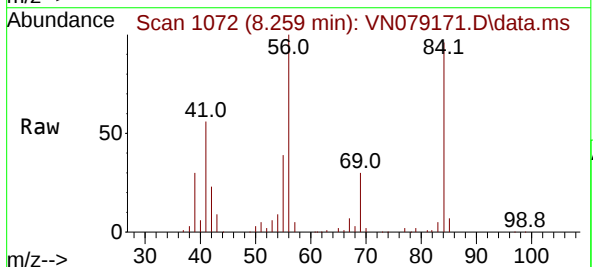
Tgt Ion: 56 Resp: 180446

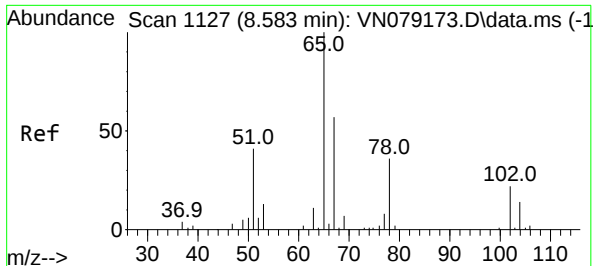
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 94.3 70.1 105.1

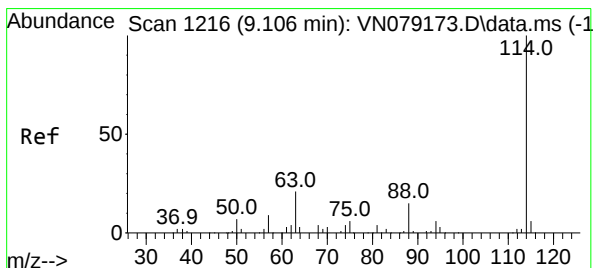
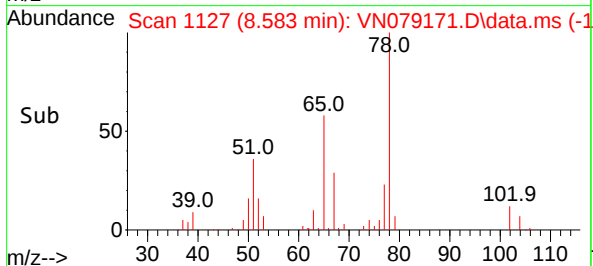
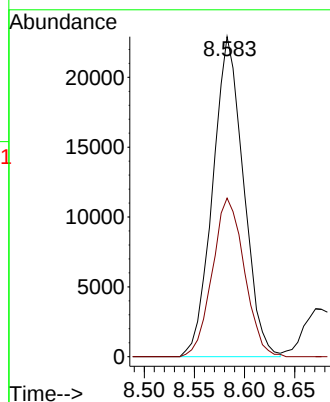
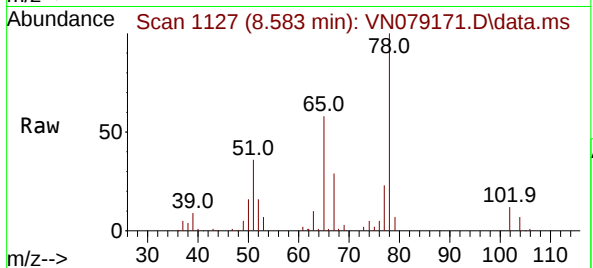




#27
1,2-Dichloroethane-d4
Concen: 30.971 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

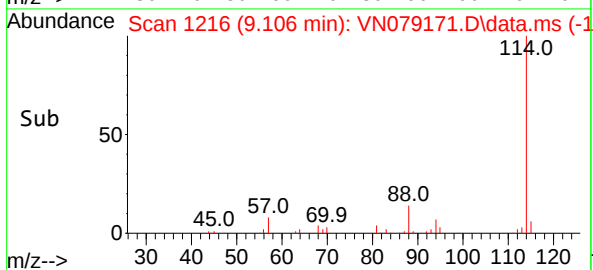
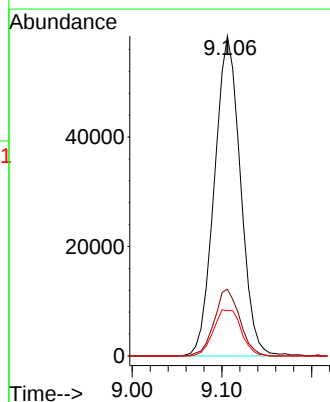
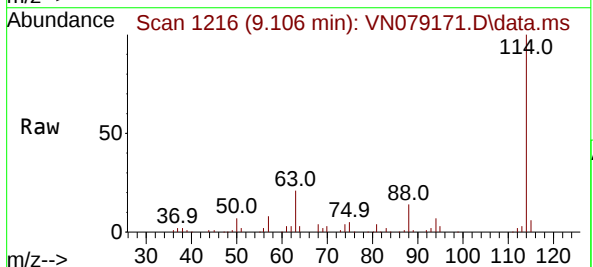
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

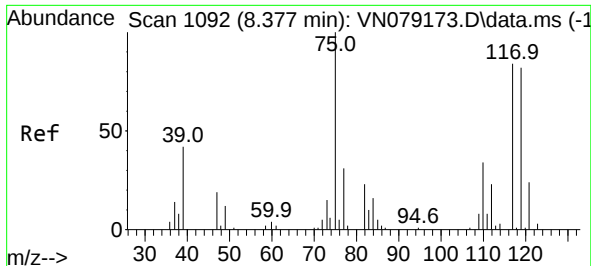
Tgt Ion: 65 Resp: 48808
Ion Ratio Lower Upper
65 100
67 51.5 40.7 61.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 114 Resp: 117618
Ion Ratio Lower Upper
114 100
63 20.4 17.4 26.2
88 15.3 12.0 18.0

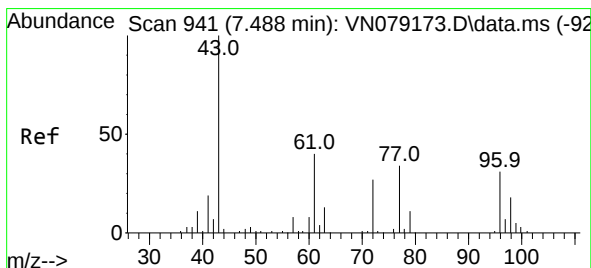
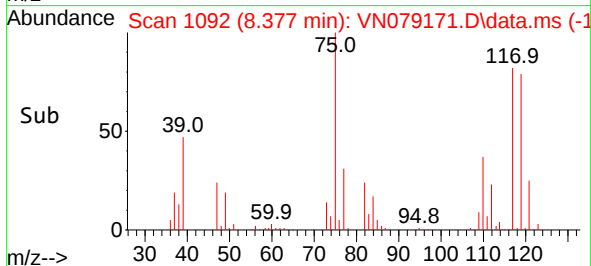
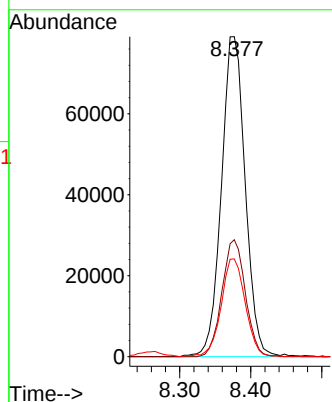
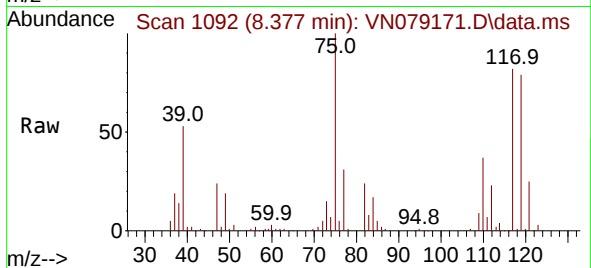




#29
1,1-Dichloropropene
Concen: 97.388 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

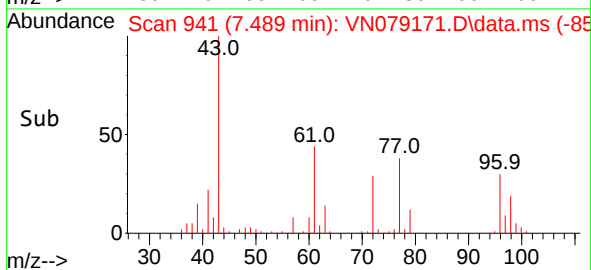
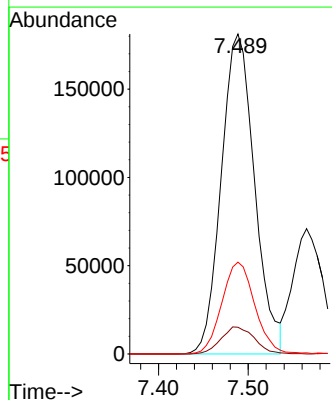
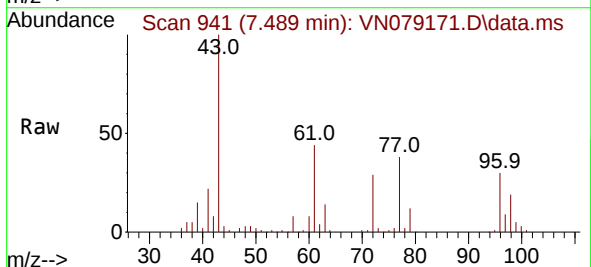
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

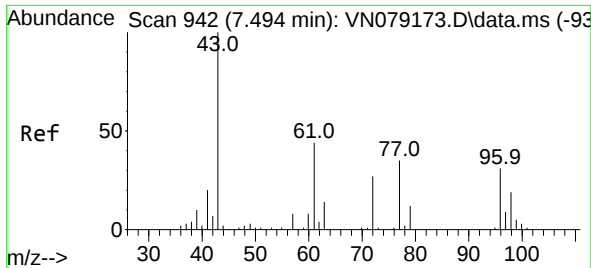
Tgt Ion: 75 Resp: 183651
Ion Ratio Lower Upper
75 100
110 36.0 0.0 65.8
77 31.0 0.0 60.4



#30
2-Butanone
Concen: 493.041 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 43 Resp: 467655
Ion Ratio Lower Upper
43 100
57 8.5 6.2 9.4
72 28.5 19.4 29.2

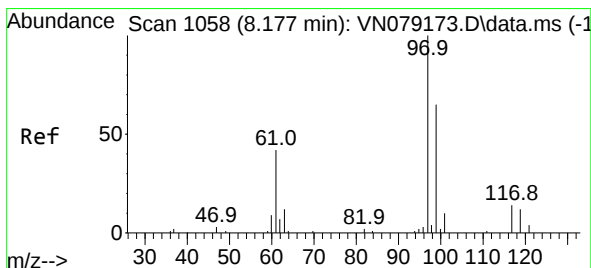
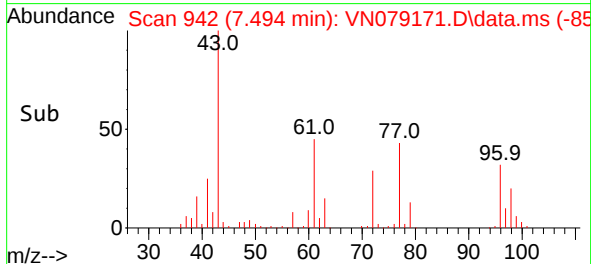
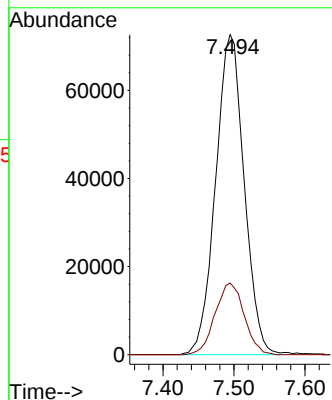
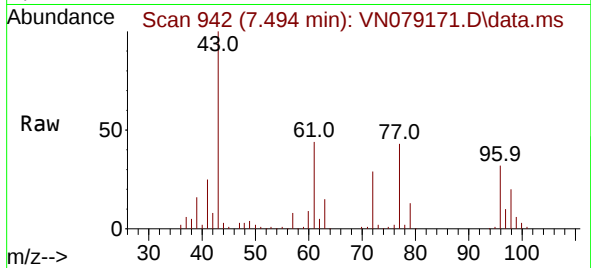




#31
2,2-Dichloropropane
Concen: 107.754 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

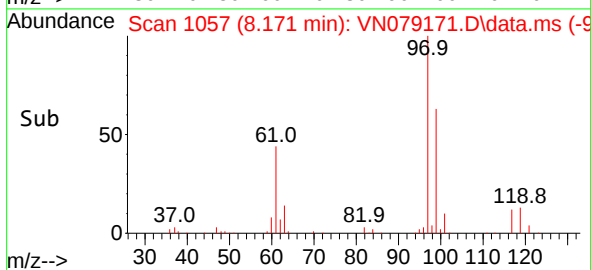
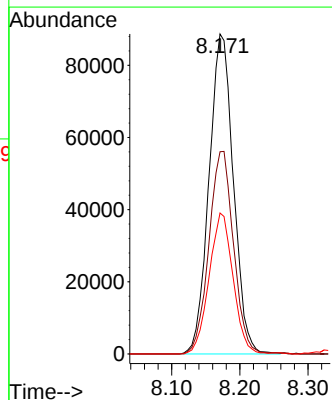
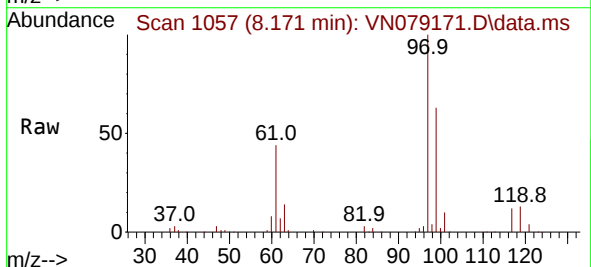
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

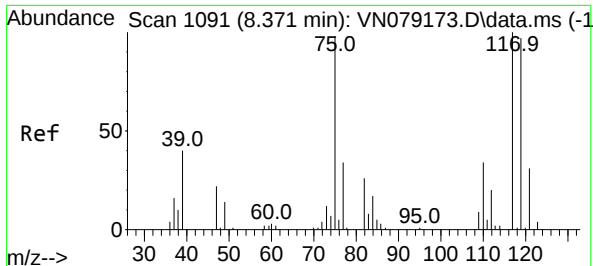
Tgt Ion: 77 Resp: 202685
Ion Ratio Lower Upper
77 100
97 22.8 17.6 26.4



#32
1,1,1-Trichloroethane
Concen: 99.318 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 97 Resp: 220655
Ion Ratio Lower Upper
97 100
99 63.9 52.0 78.0
61 43.2 37.0 55.6

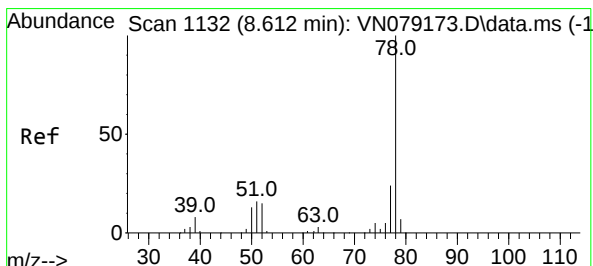
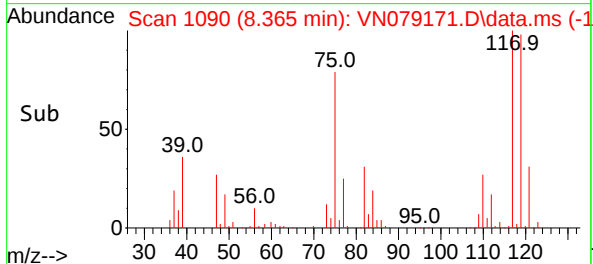
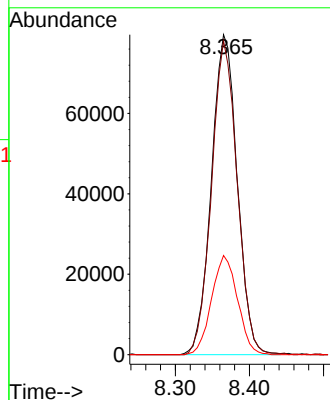
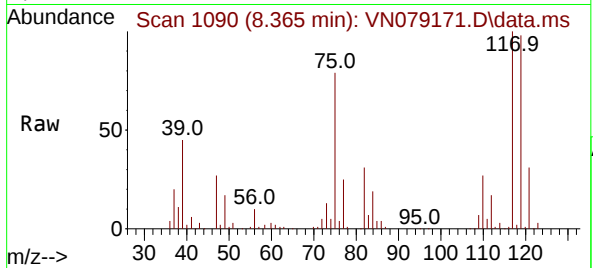




#33
Carbon Tetrachloride
Concen: 138.028 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

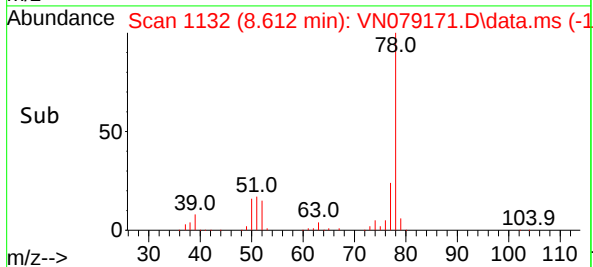
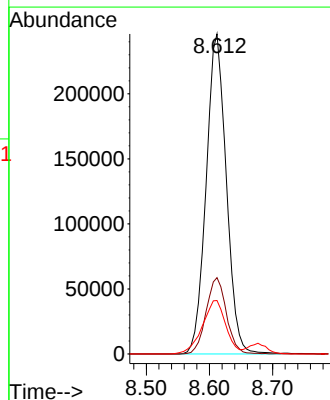
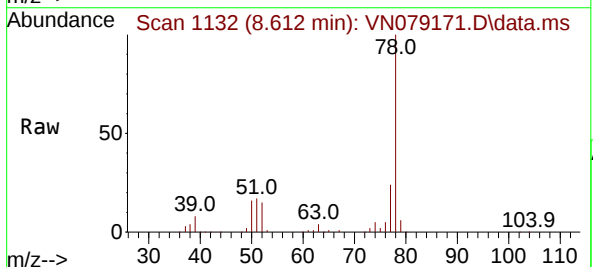
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

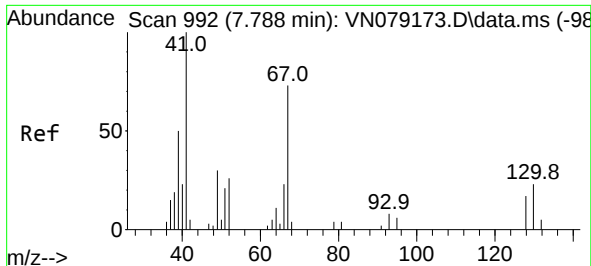
Tgt Ion:117 Resp: 193210
Ion Ratio Lower Upper
117 100
119 98.1 72.6 108.8
121 31.0 20.7 31.1



#34
Benzene
Concen: 91.096 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 78 Resp: 545804
Ion Ratio Lower Upper
78 100
77 23.8 19.9 29.9
51 16.5 14.8 22.2



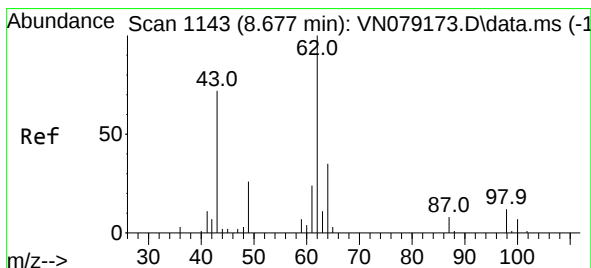
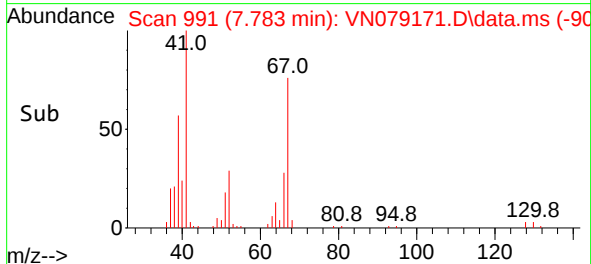
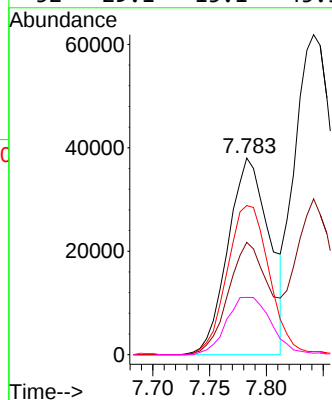
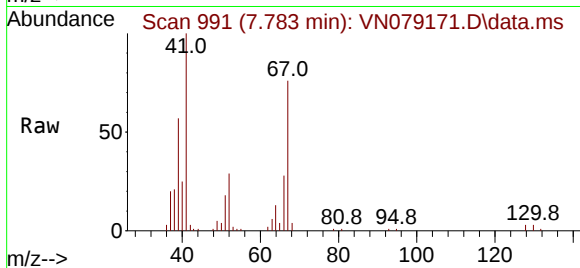


#35
Methacrylonitrile
Concen: 94.682 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 96697

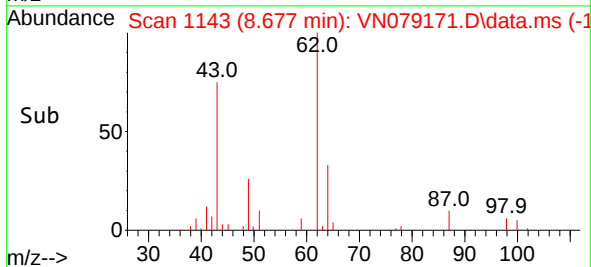
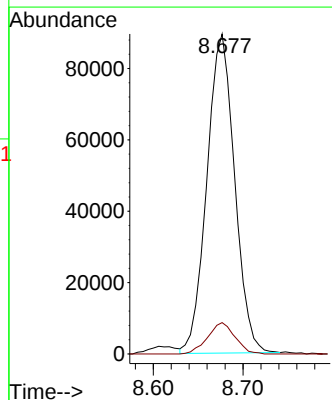
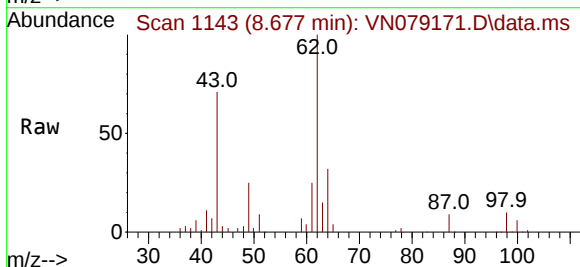
Ion	Ratio	Lower	Upper
41	100		
39	57.2	25.0	75.0
67	75.8	34.0	102.0
52	29.1	15.1	45.3

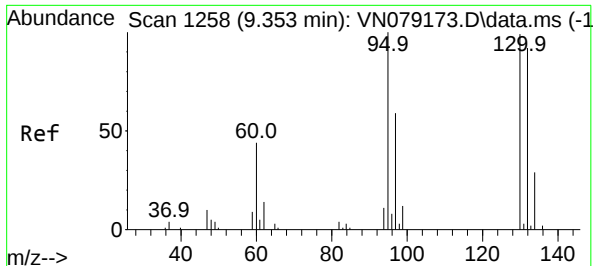


#36
1,2-Dichloroethane
Concen: 97.242 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 62 Resp: 192150

Ion	Ratio	Lower	Upper
62	100		
98	9.7	8.1	12.1





#37

Trichloroethene

Concen: 97.200 ug/l

RT: 9.359 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

Instrument :

MSVOA_N

ClientSampleId :

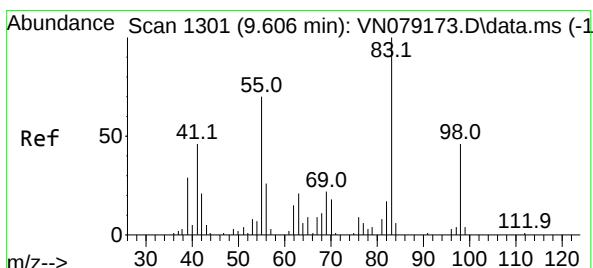
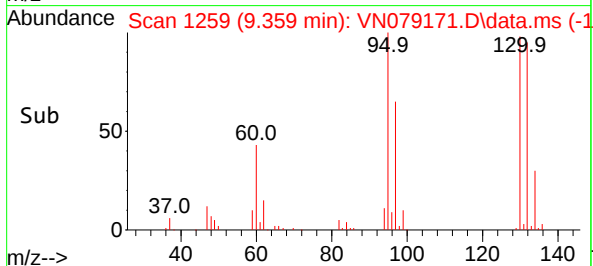
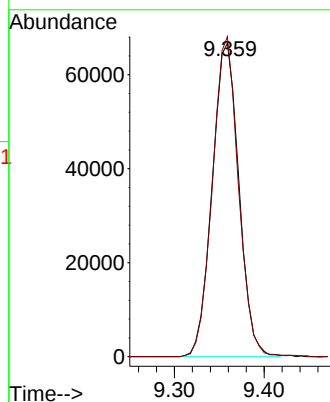
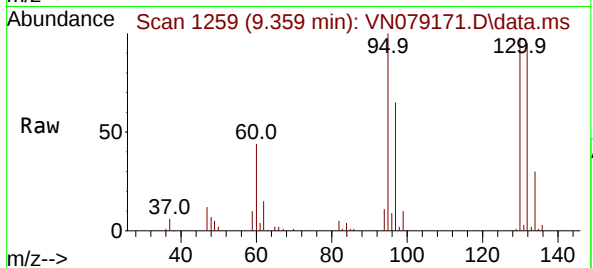
VSTDICC100

Tgt Ion:130 Resp: 137652

Ion Ratio Lower Upper

130 100

95 102.1 84.6 127.0



#38

Methylcyclohexane

Concen: 102.275 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

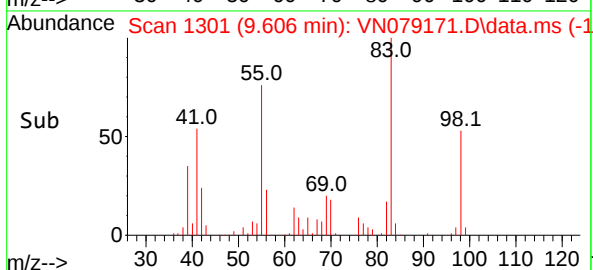
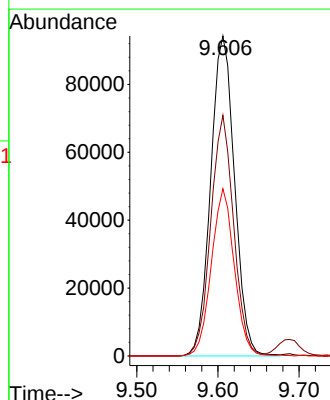
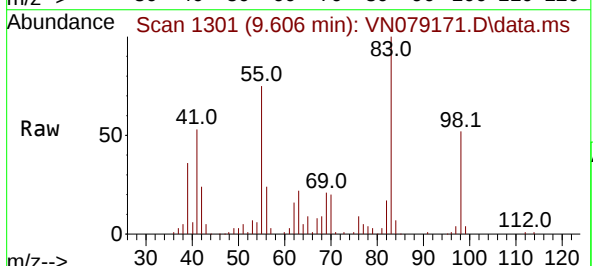
Tgt Ion: 83 Resp: 192813

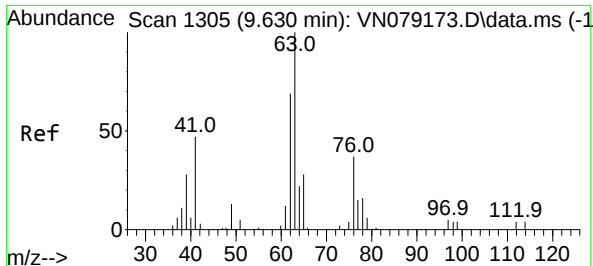
Ion Ratio Lower Upper

83 100

55 72.0 40.2 120.6

98 50.1 24.1 72.3





#39

1,2-Dichloropropane

Concen: 90.120 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

Instrument :

MSVOA_N

ClientSampleId :

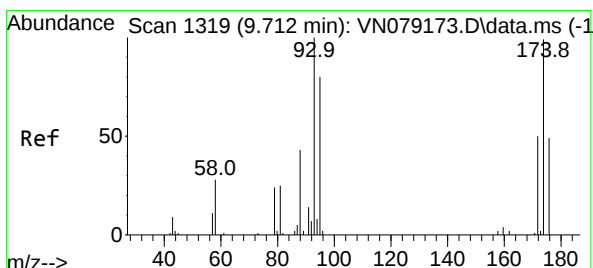
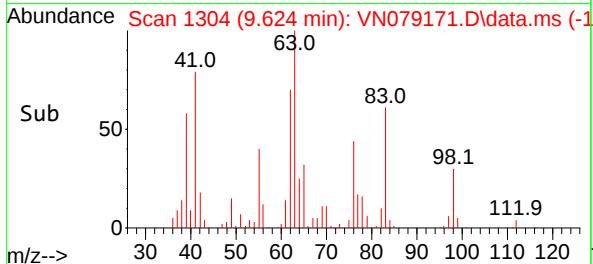
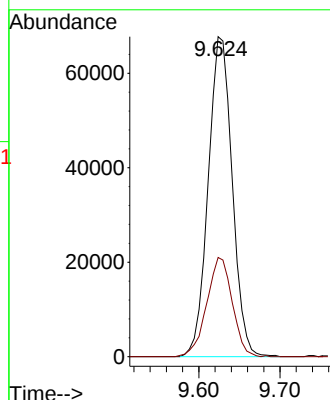
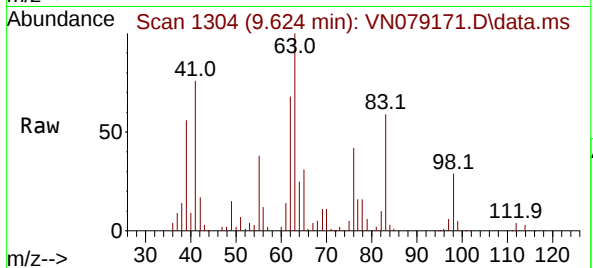
VSTDICC100

Tgt Ion: 63 Resp: 139281

Ion Ratio Lower Upper

63 100

65 31.0 23.5 35.3



#40

Dibromomethane

Concen: 98.867 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

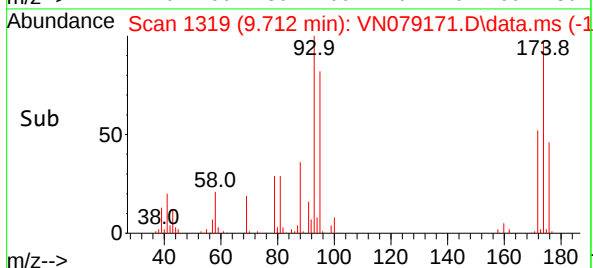
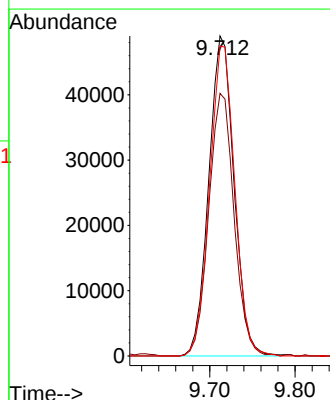
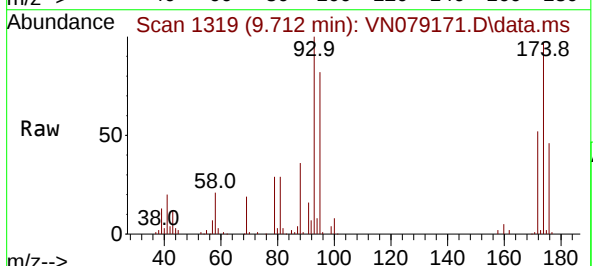
Tgt Ion: 93 Resp: 100765

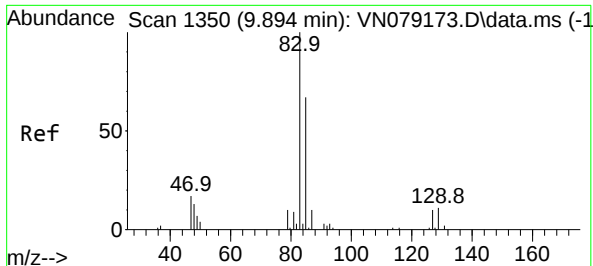
Ion Ratio Lower Upper

93 100

95 82.2 0.0 162.0

174 96.8 0.0 188.6

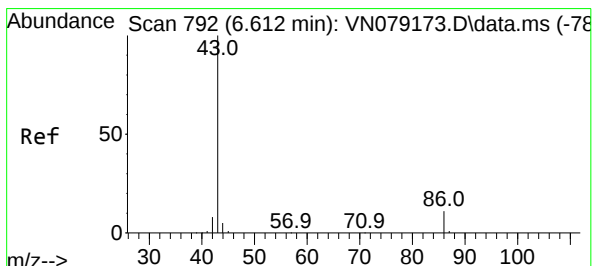
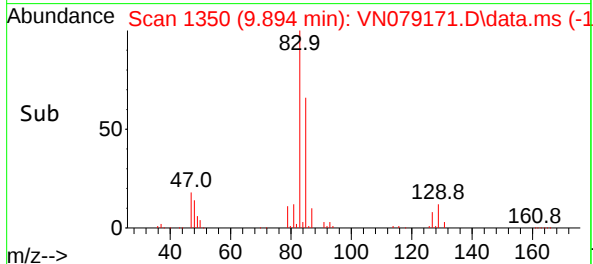
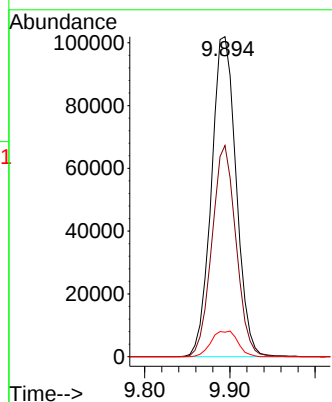
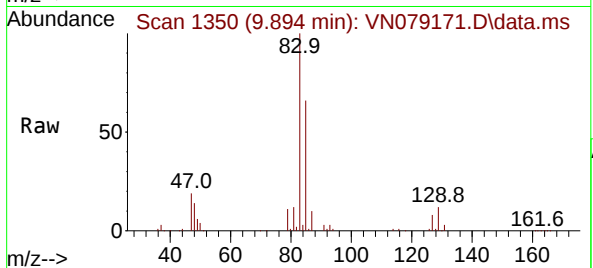




#41
Bromodichloromethane
Concen: 101.326 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

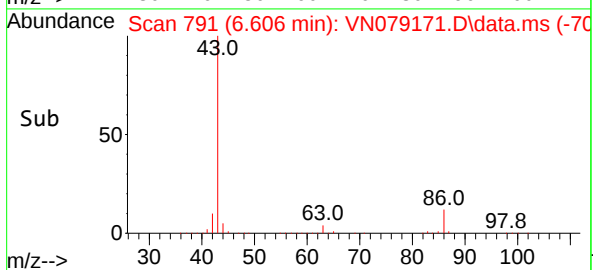
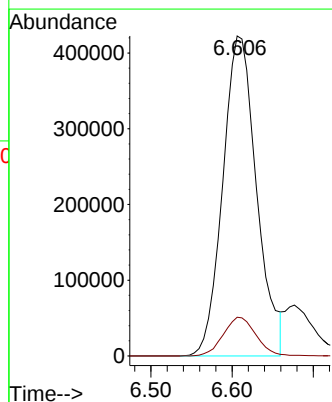
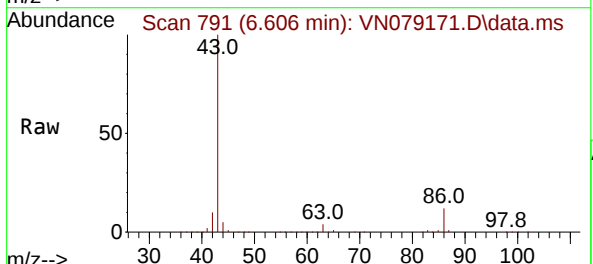
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

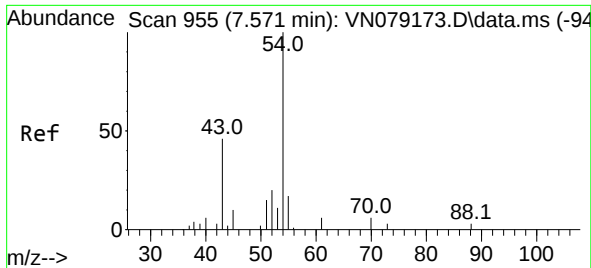
Tgt Ion: 83 Resp: 205866
Ion Ratio Lower Upper
83 100
85 66.0 50.2 75.2
127 7.6 6.2 9.4



#42
Vinyl Acetate
Concen: 543.256 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 43 Resp: 1223737
Ion Ratio Lower Upper
43 100
86 11.6 7.4 11.0#

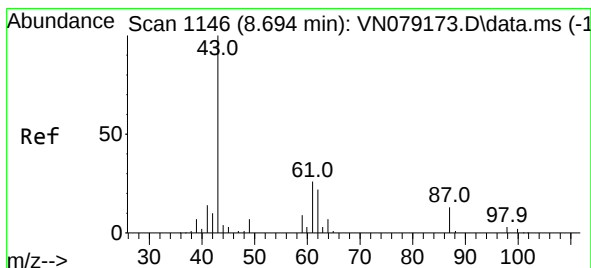
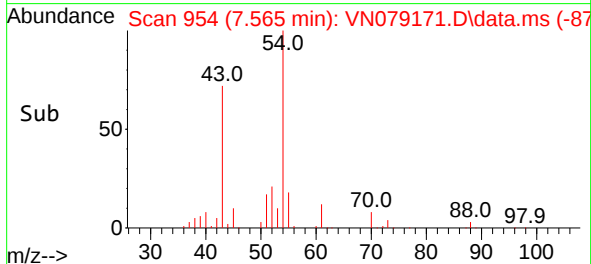
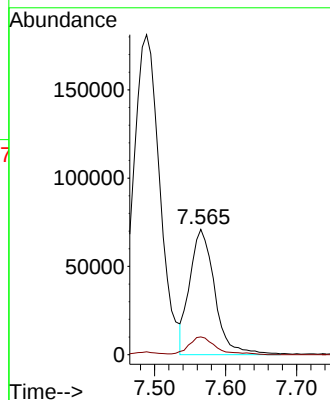
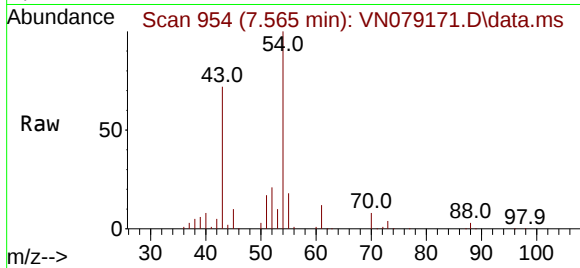




#43
Ethyl Acetate
Concen: 96.526 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

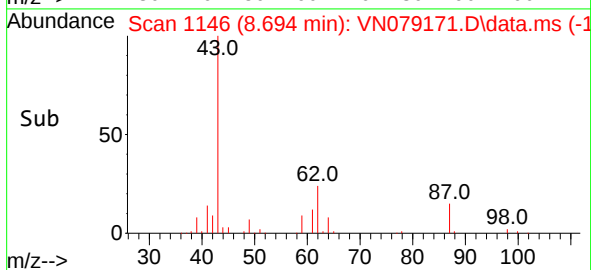
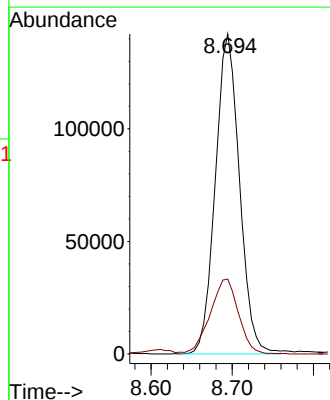
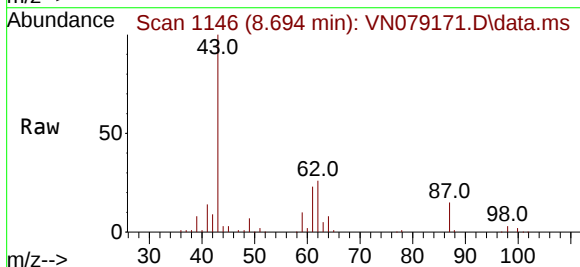
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

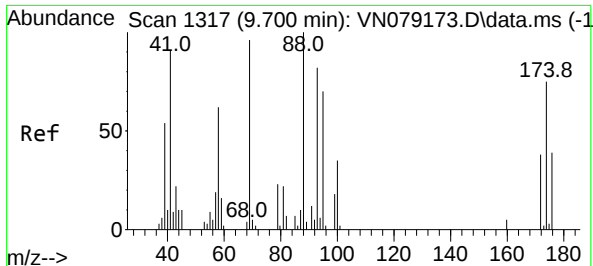
Tgt Ion: 43 Resp: 173882
Ion Ratio Lower Upper
43 100
45 15.3 9.6 14.4#



#44
Isopropyl Acetate
Concen: 90.671 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 43 Resp: 293821
Ion Ratio Lower Upper
43 100
61 27.4 19.0 28.4





#45

1,4-Dioxane

Concen: 1647.595 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

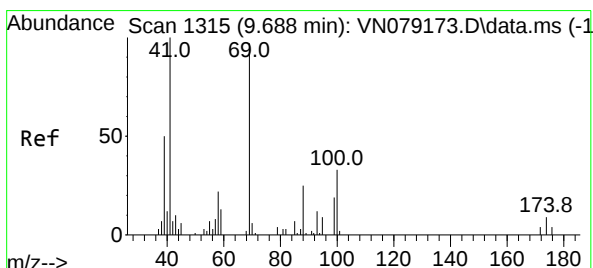
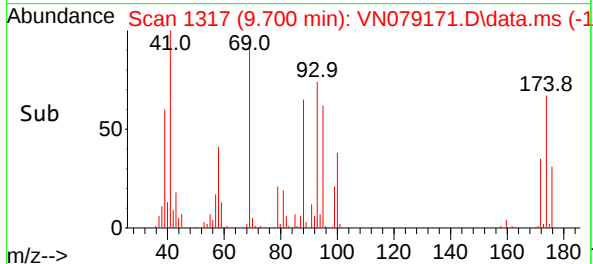
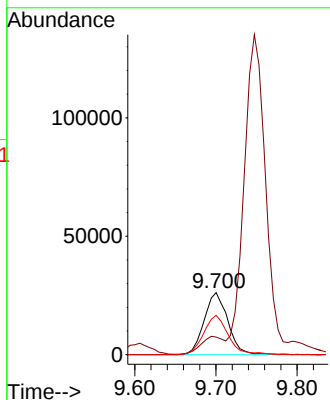
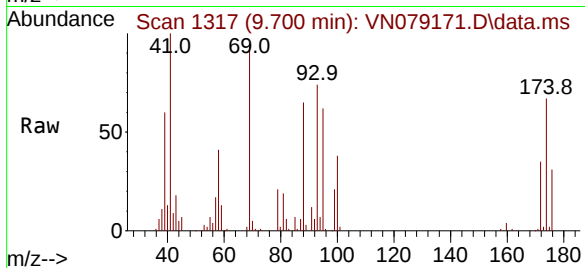
Tgt Ion: 88 Resp: 53145

Ion Ratio Lower Upper

88 100

43 28.1 28.1 42.1

58 64.3 57.0 85.4



#46

Methyl methacrylate

Concen: 98.615 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

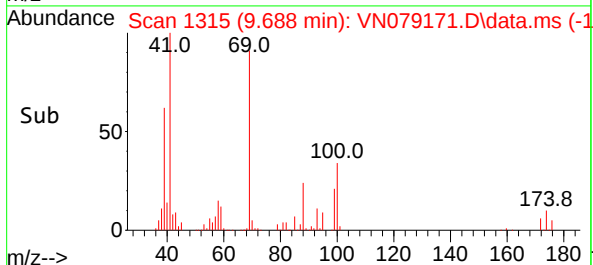
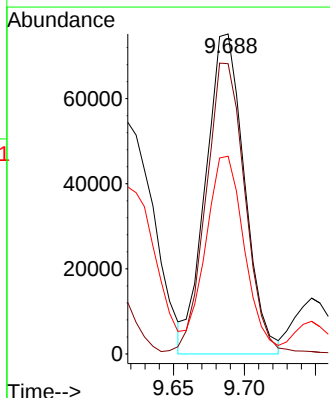
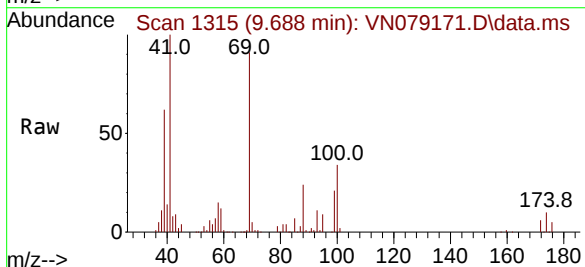
Tgt Ion: 41 Resp: 142772

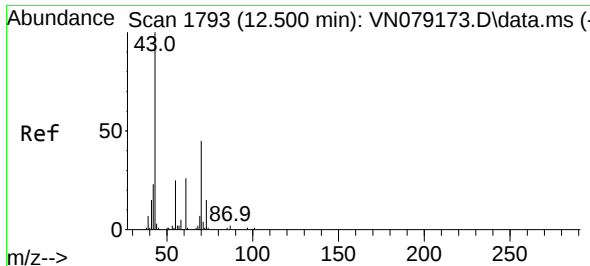
Ion Ratio Lower Upper

41 100

69 92.7 38.5 115.5

39 61.7 35.9 107.8

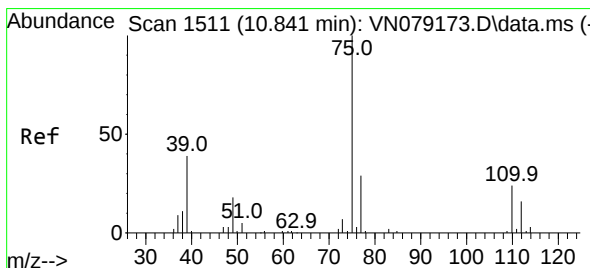
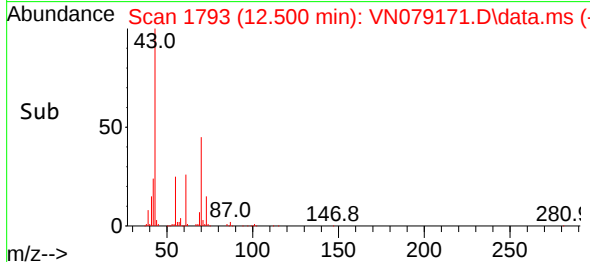
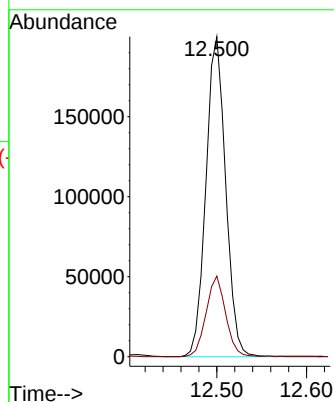
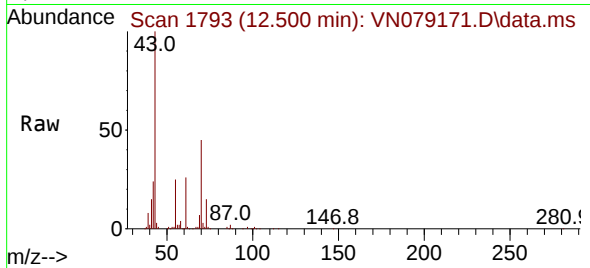




#47
n-amyl acetate
Concen: 133.943 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

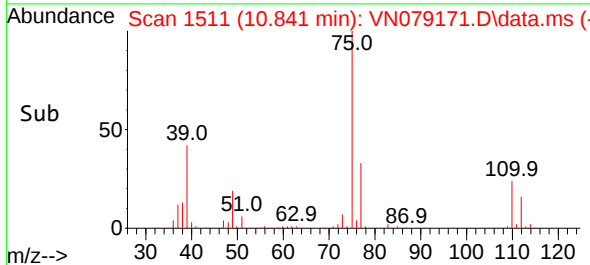
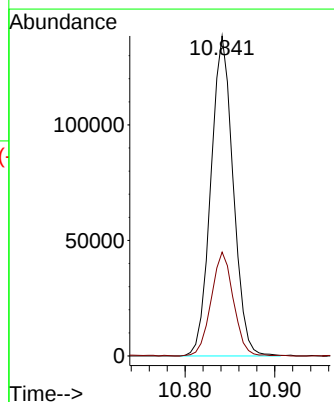
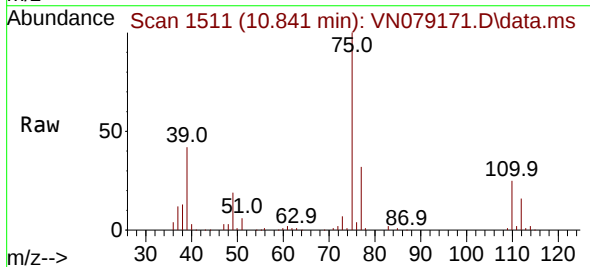
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

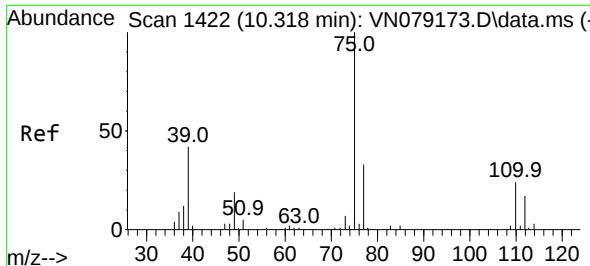
Tgt Ion: 43 Resp: 305255
Ion Ratio Lower Upper
43 100
55 24.9 17.5 26.3



#48
t-1,3-Dichloropropene
Concen: 108.933 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 75 Resp: 239442
Ion Ratio Lower Upper
75 100
77 32.5 23.7 35.5

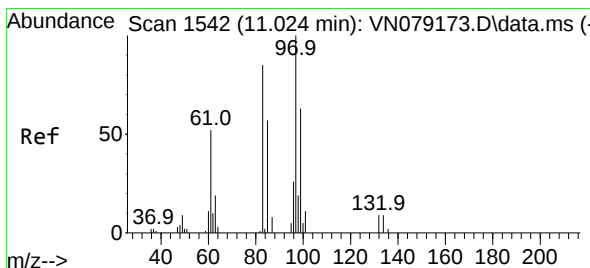
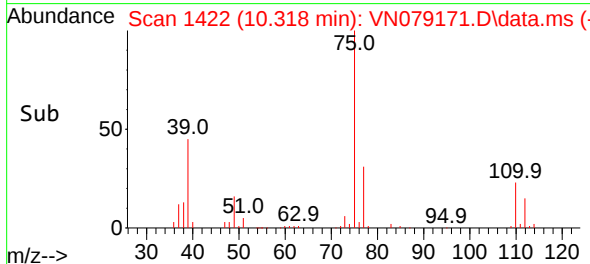
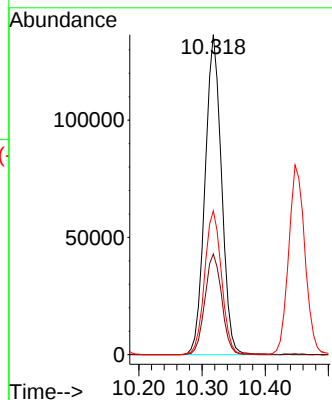
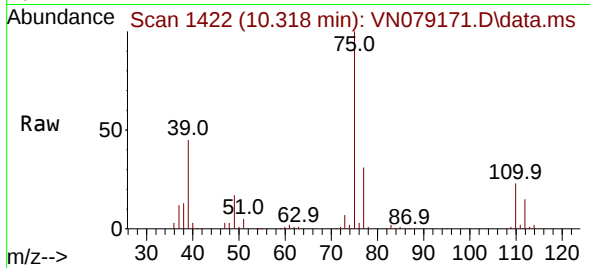




#49
 cis-1,3-Dichloropropene
 Concen: 107.834 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079171.D
 Acq: 07 Sep 2023 09:56

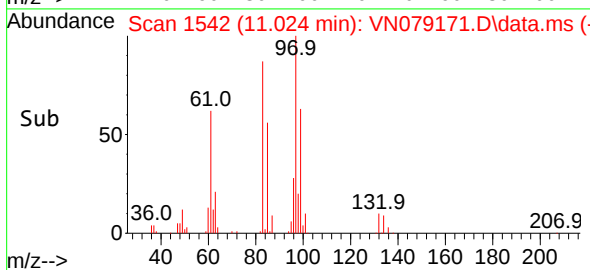
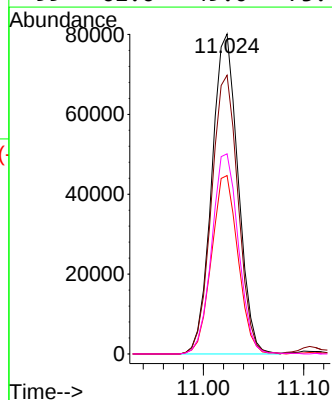
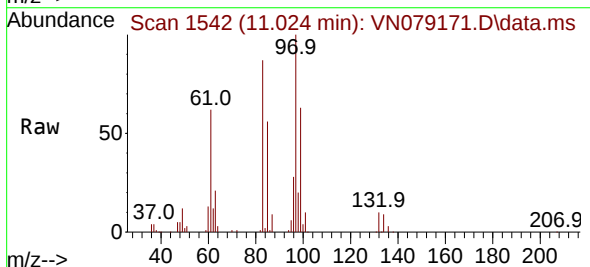
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

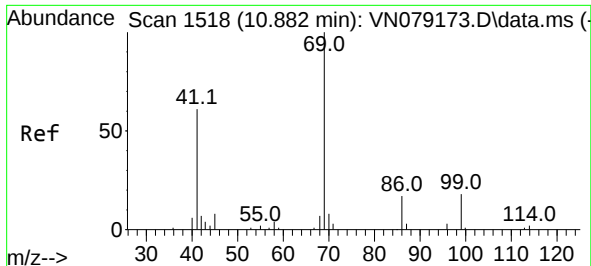
Tgt Ion: 75 Resp: 247235
 Ion Ratio Lower Upper
 75 100
 77 31.5 27.8 41.8
 39 44.9 43.5 65.3



#50
 1,1,2-Trichloroethane
 Concen: 102.422 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. 0.000 min
 Lab File: VN079171.D
 Acq: 07 Sep 2023 09:56

Tgt Ion: 97 Resp: 146491
 Ion Ratio Lower Upper
 97 100
 83 87.1 63.7 95.5
 85 55.7 44.9 67.3
 99 62.6 49.0 73.4

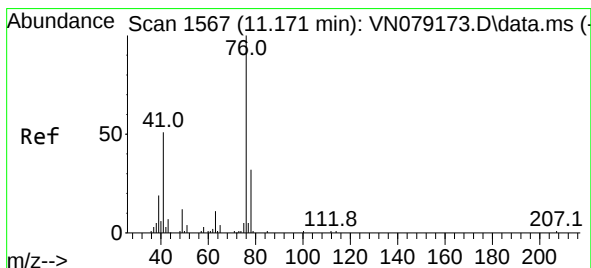
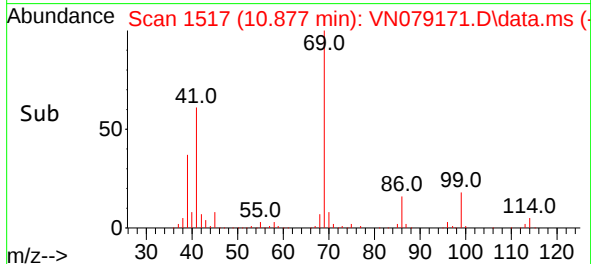
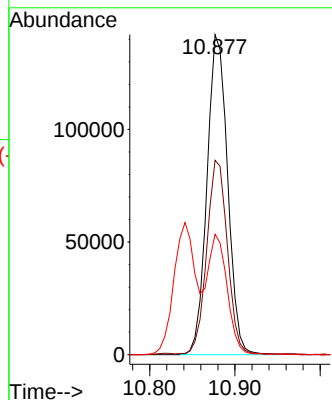
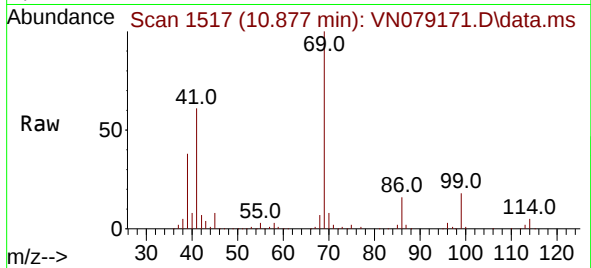




#51
Ethyl methacrylate
Concen: 108.219 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

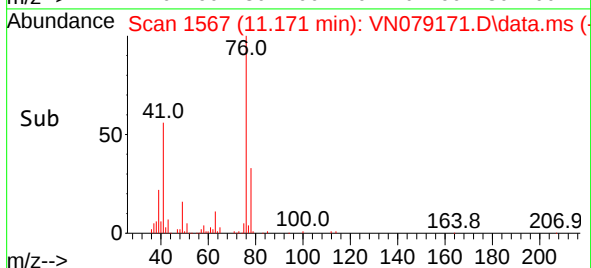
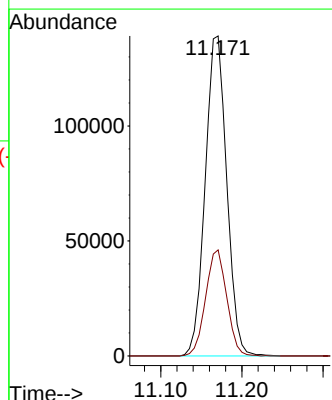
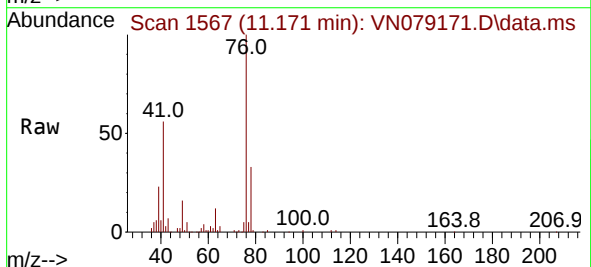
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

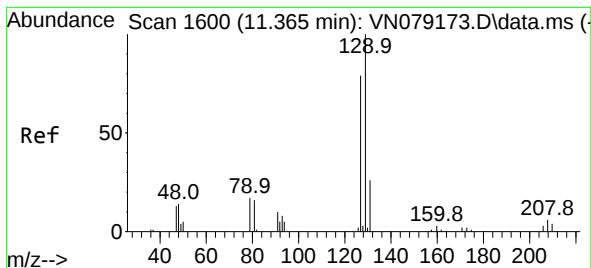
Tgt Ion: 69 Resp: 238966
Ion Ratio Lower Upper
69 100
41 60.5 35.9 107.8
39 37.5 23.5 70.5



#52
1,3-Dichloropropane
Concen: 104.967 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 76 Resp: 256228
Ion Ratio Lower Upper
76 100
78 32.5 0.0 64.6

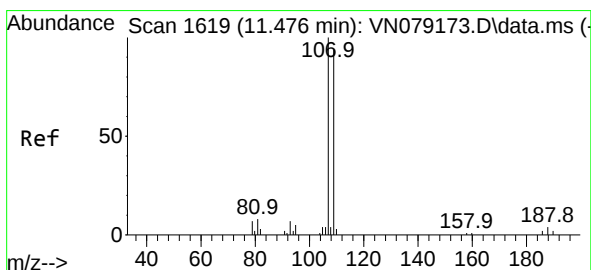
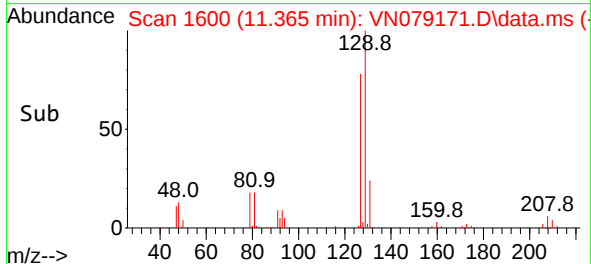
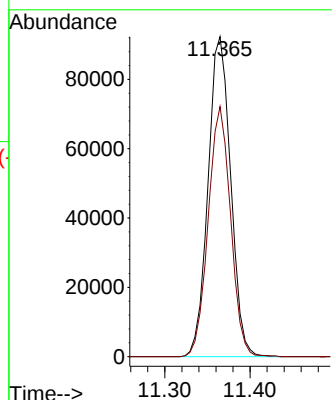
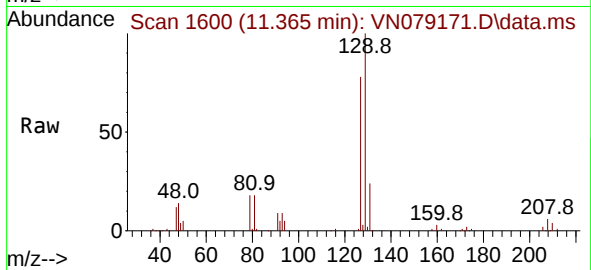




#53
Dibromochloromethane
Concen: 113.502 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

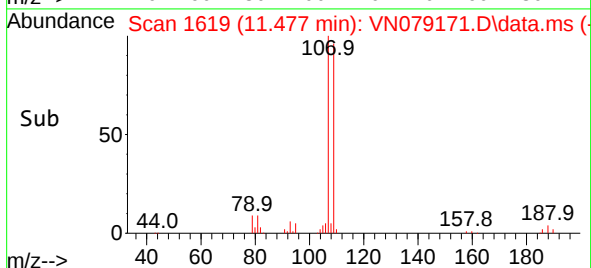
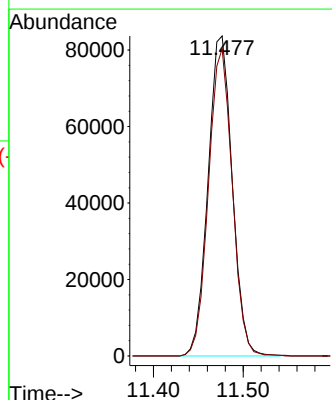
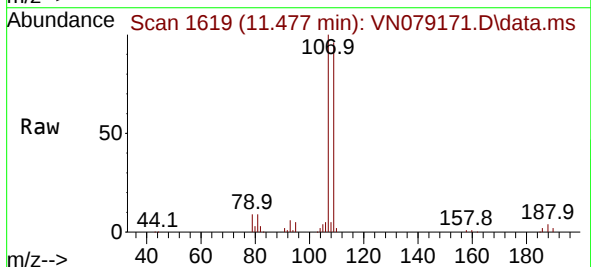
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

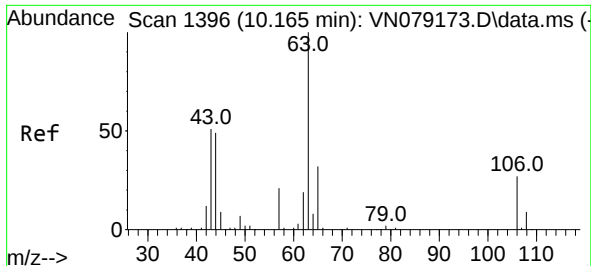
Tgt Ion:129 Resp: 170211
Ion Ratio Lower Upper
129 100
127 77.3 40.1 120.2



#54
1,2-Dibromoethane
Concen: 108.052 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion:107 Resp: 156733
Ion Ratio Lower Upper
107 100
109 94.0 71.7 107.5

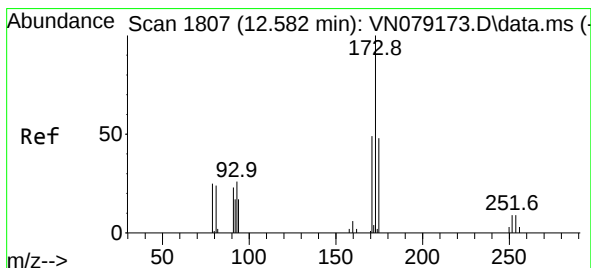
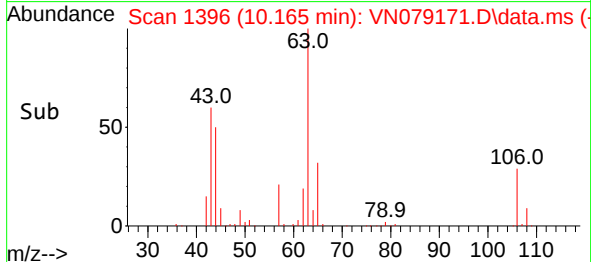
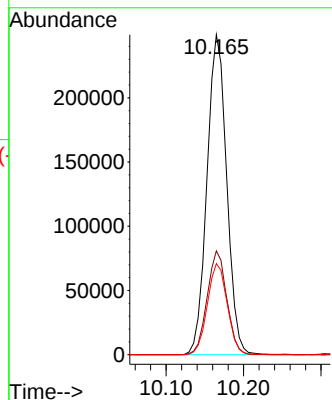
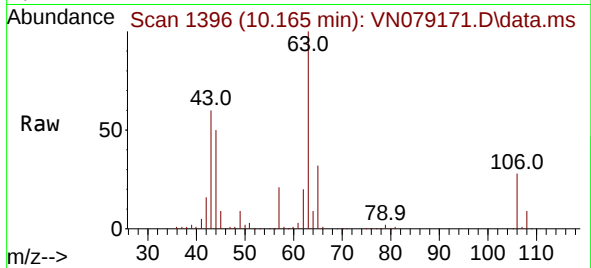




#55
2-Chloroethyl vinyl ether
Concen: 560.973 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

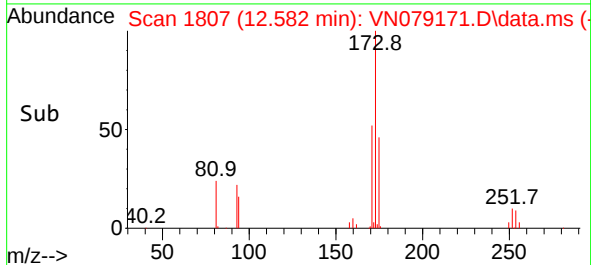
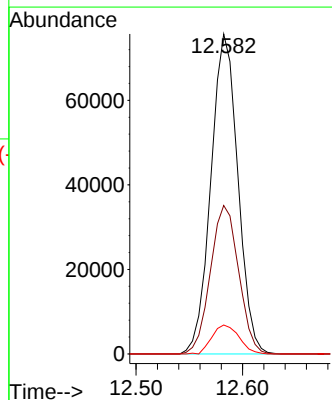
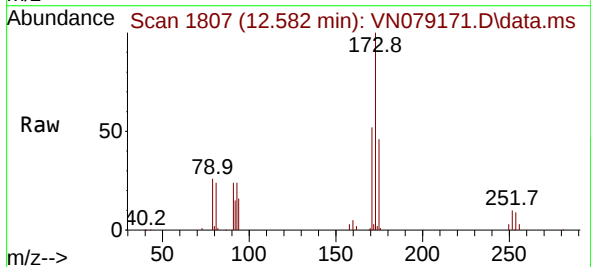
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

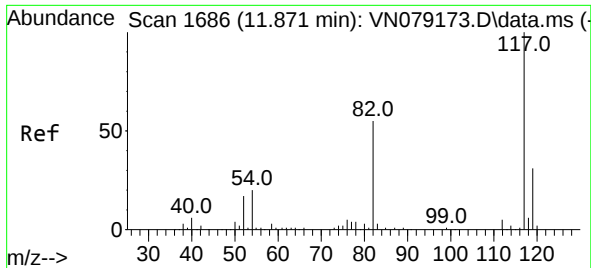
Tgt Ion: 63 Resp: 440151
Ion Ratio Lower Upper
63 100
65 32.1 25.4 38.2
106 28.7 22.3 33.5



#56
Bromoform
Concen: 127.621 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 173 Resp: 133236
Ion Ratio Lower Upper
173 100
175 48.5 38.8 58.2
254 9.1 7.6 11.4

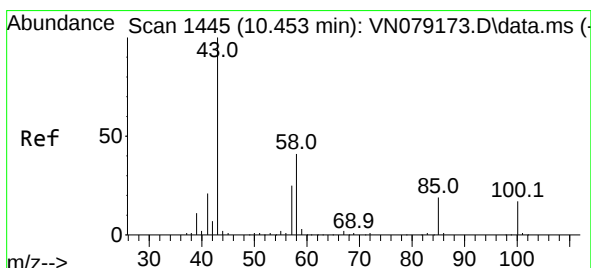
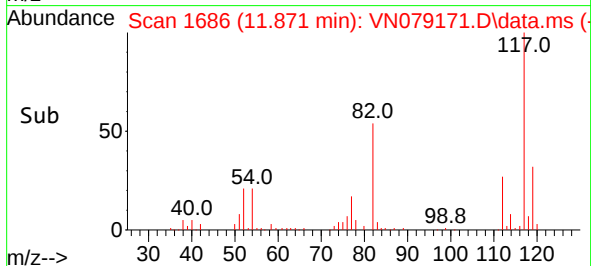
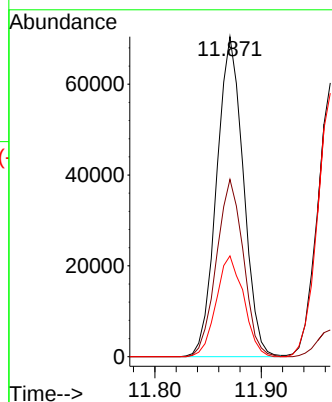
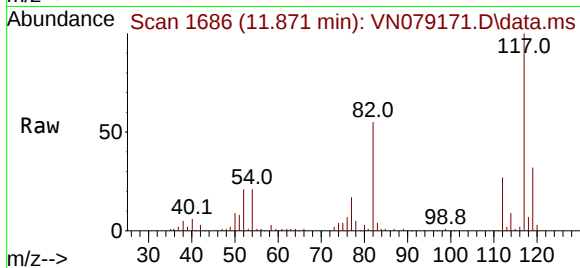




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

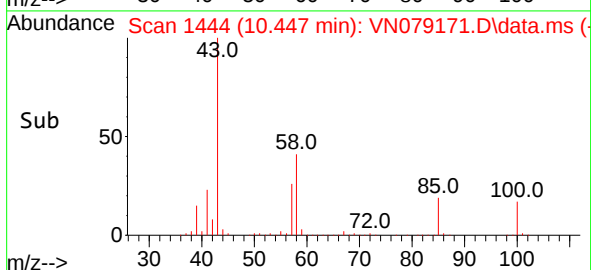
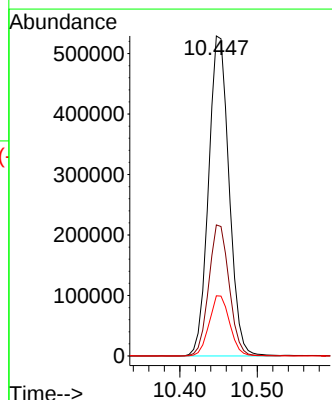
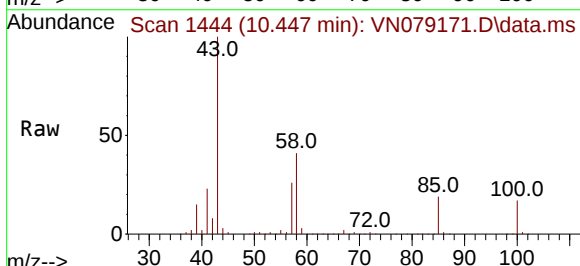
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MSVOA_N
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VSTDIC100

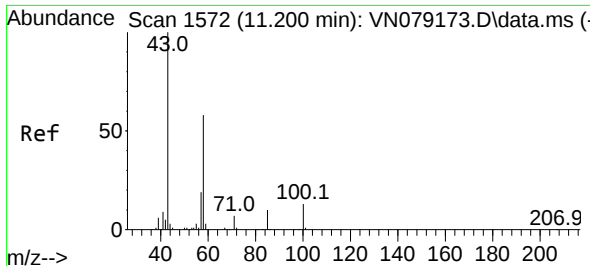
Tgt Ion:117 Resp: 122849
Ion Ratio Lower Upper
117 100
82 55.8 43.4 65.0
119 32.3 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 431.327 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 43 Resp: 972363
Ion Ratio Lower Upper
43 100
58 40.8 28.8 43.2
85 18.8 12.7 19.1

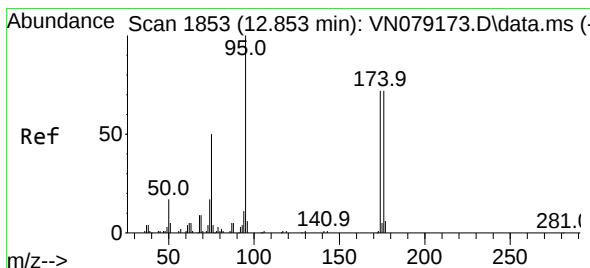
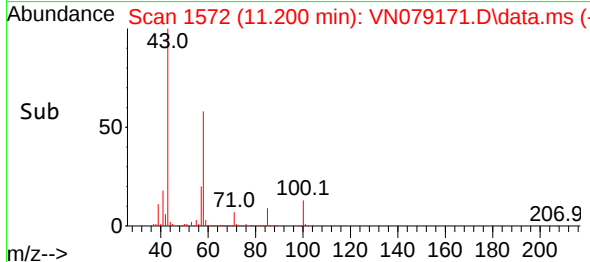
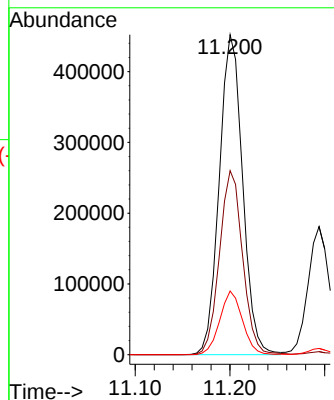
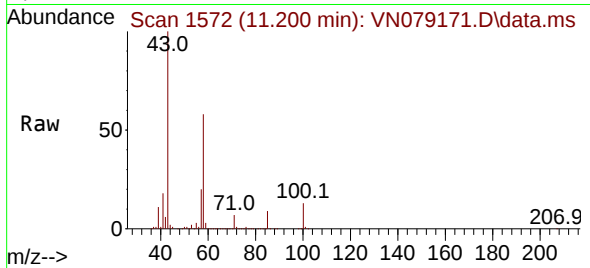




#59
2-Hexanone
Concen: 489.585 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

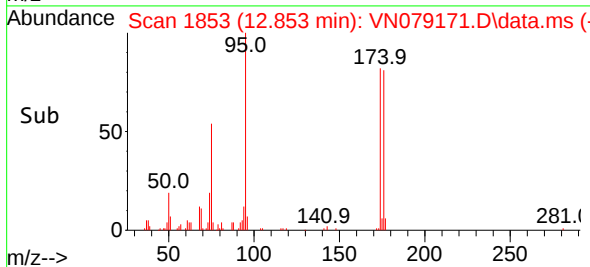
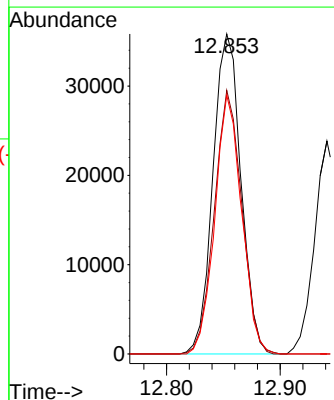
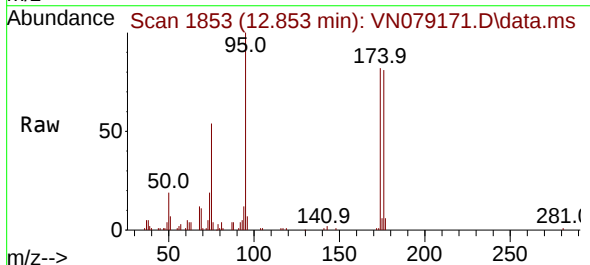
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

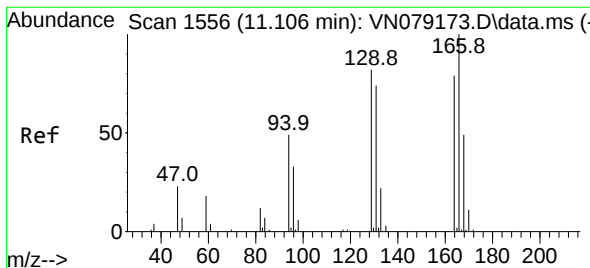
Tgt Ion: 43 Resp: 775116
Ion Ratio Lower Upper
43 100
58 57.0 40.6 60.8
57 19.3 13.6 20.4



#60
4-Bromofluorobenzene
Concen: 33.892 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 95 Resp: 61349
Ion Ratio Lower Upper
95 100
174 80.9 64.8 97.2
176 77.5 63.0 94.6





#61

Tetrachloroethene

Concen: 95.711 ug/l

RT: 11.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:164 Resp: 127940

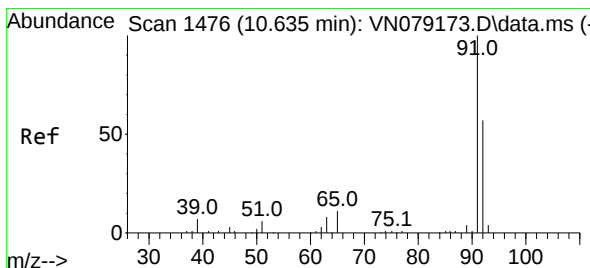
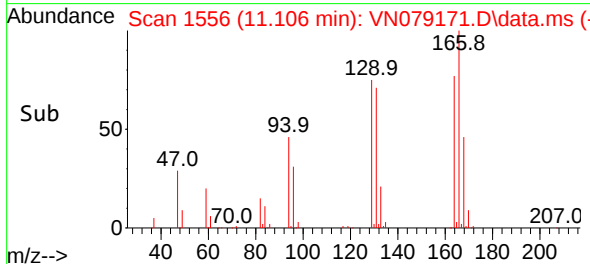
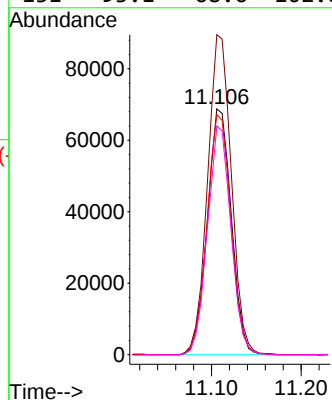
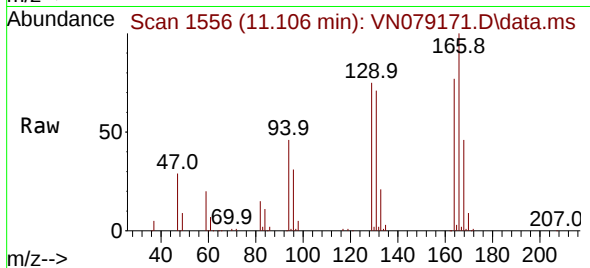
Ion Ratio Lower Upper

164 100

166 130.2 97.6 146.4

129 97.7 74.1 111.1

131 93.1 68.6 102.8



#62

Toluene

Concen: 92.768 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079171.D

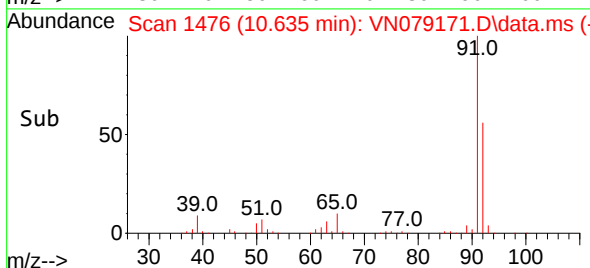
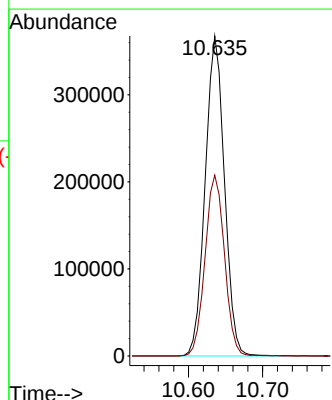
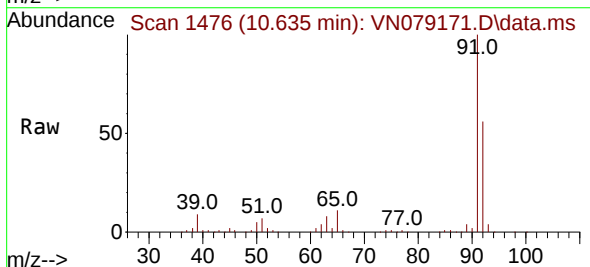
Acq: 07 Sep 2023 09:56

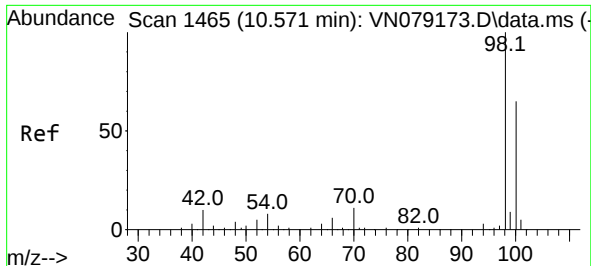
Tgt Ion: 91 Resp: 663556

Ion Ratio Lower Upper

91 100

92 57.0 44.7 67.1

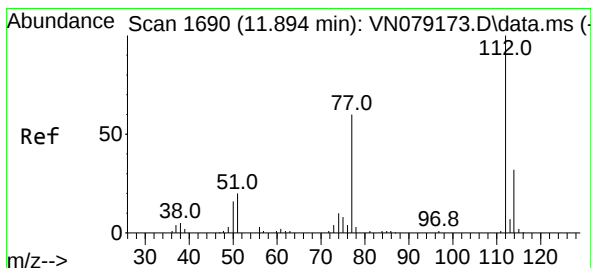
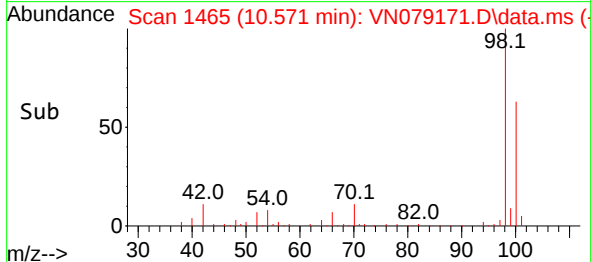
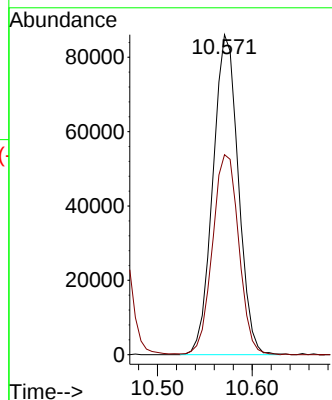
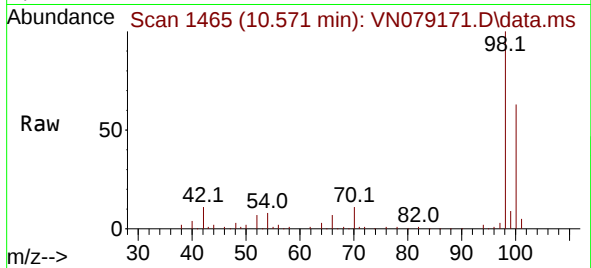




#63
Toluene-d8
Concen: 27.925 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

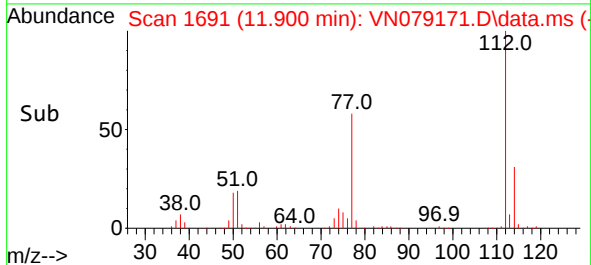
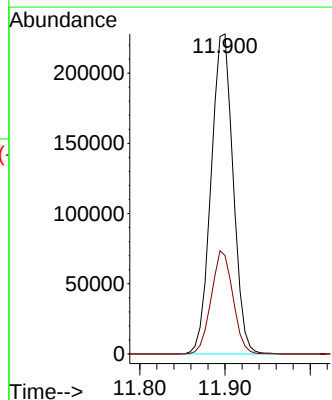
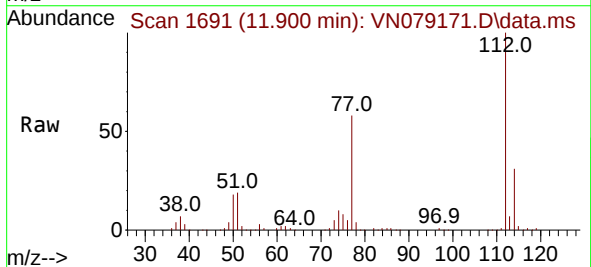
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

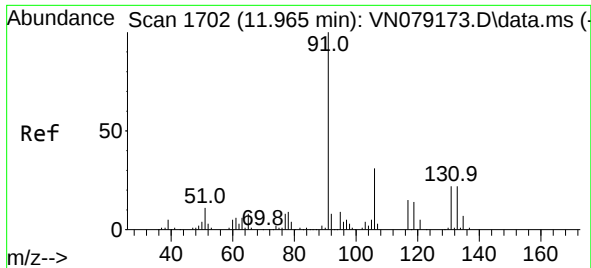
Tgt Ion: 98 Resp: 160323
Ion Ratio Lower Upper
98 100
100 64.7 51.1 76.7



#64
Chlorobenzene
Concen: 98.058 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 112 Resp: 409181
Ion Ratio Lower Upper
112 100
114 30.7 22.4 33.6

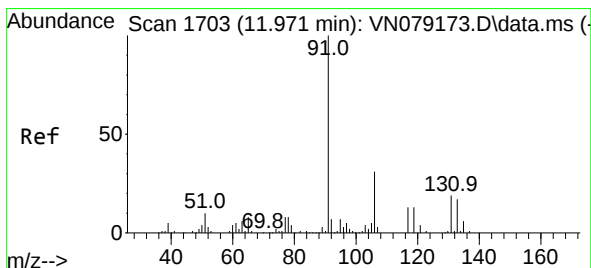
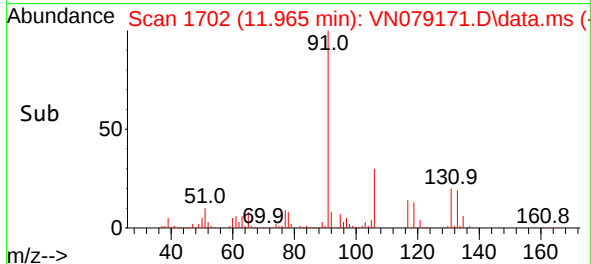
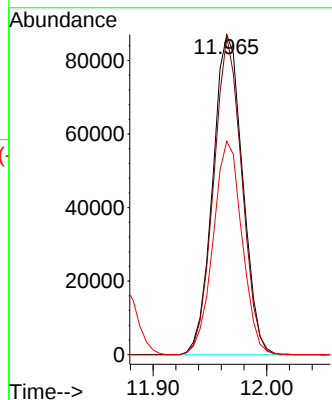
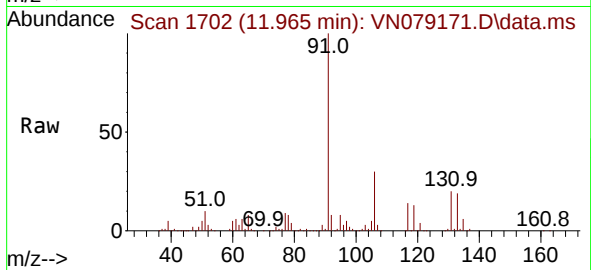




#65
 1,1,1,2-Tetrachloroethane
 Concen: 99.240 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN079171.D
 Acq: 07 Sep 2023 09:56

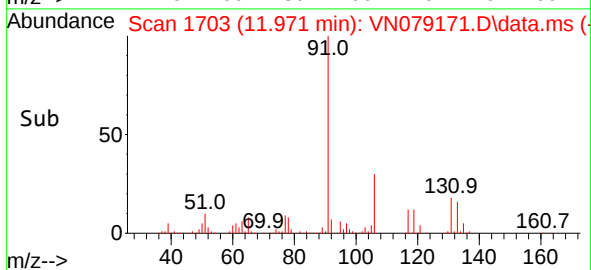
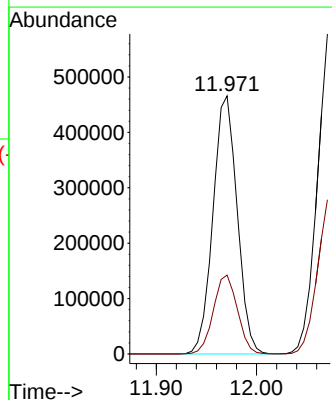
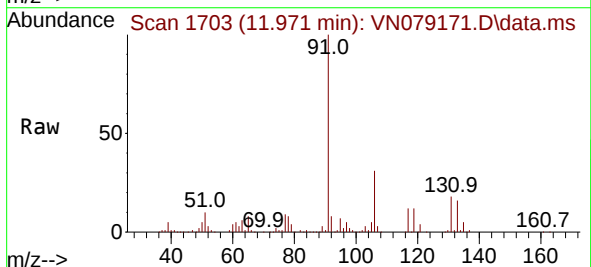
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

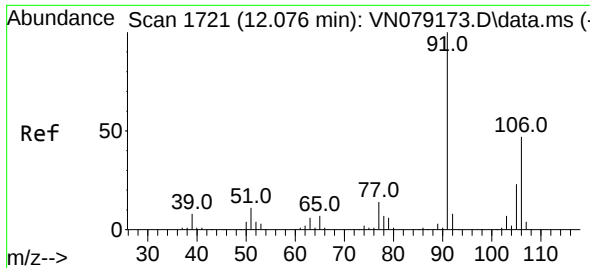
Tgt Ion:131 Resp: 158542
 Ion Ratio Lower Upper
 131 100
 133 94.2 0.0 184.8
 119 64.8 0.0 133.4



#66
 Ethyl Benzene
 Concen: 108.282 ug/l
 RT: 11.971 min Scan# 1703
 Delta R.T. 0.000 min
 Lab File: VN079171.D
 Acq: 07 Sep 2023 09:56

Tgt Ion: 91 Resp: 779851
 Ion Ratio Lower Upper
 91 100
 106 30.6 24.1 36.1

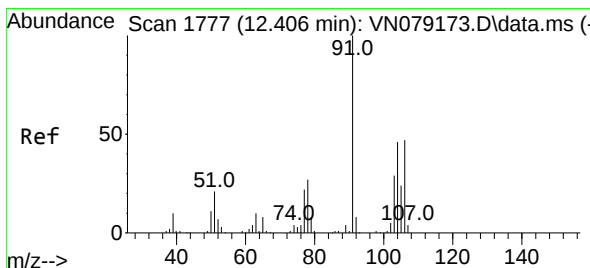
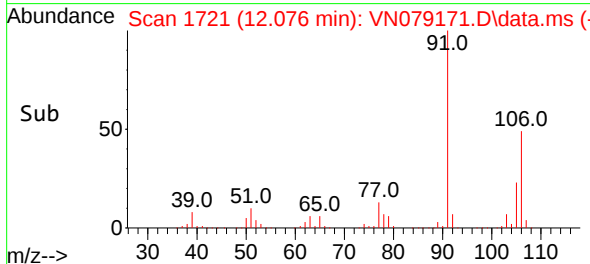
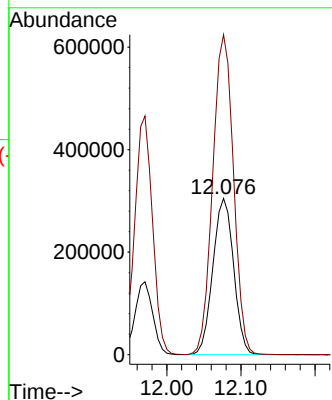
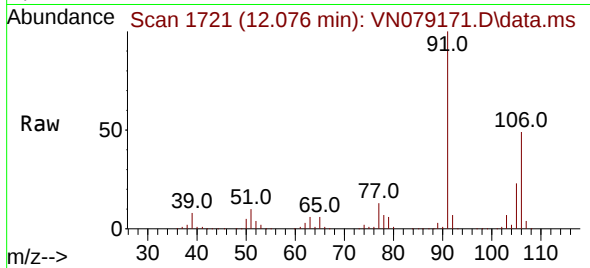




#67
m/p-Xylenes
Concen: 218.892 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

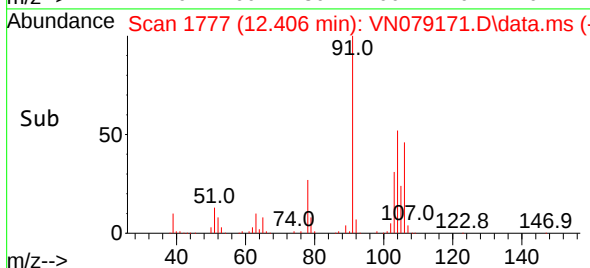
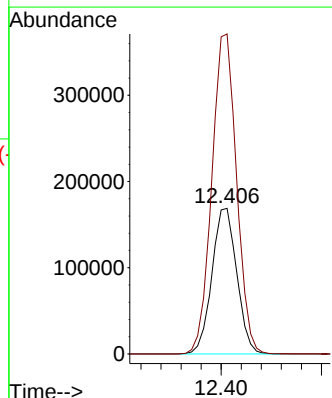
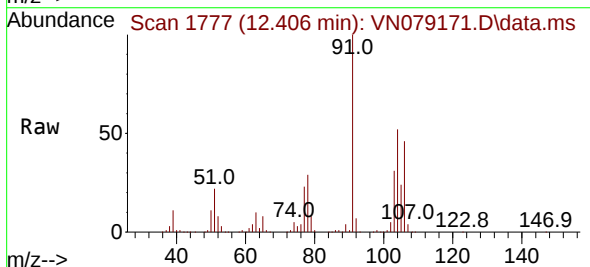
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

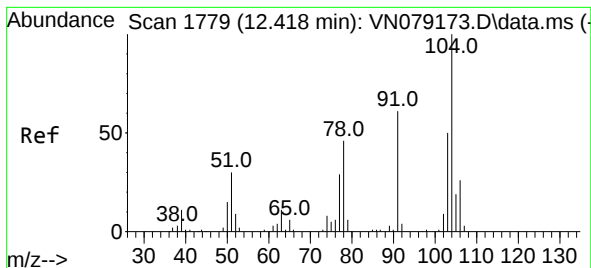
Tgt Ion:106 Resp: 593178
Ion Ratio Lower Upper
106 100
91 205.3 161.2 241.8



#68
o-Xylene
Concen: 111.231 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion:106 Resp: 290822
Ion Ratio Lower Upper
106 100
91 218.5 109.0 327.0





#69

Styrene

Concen: 119.935 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

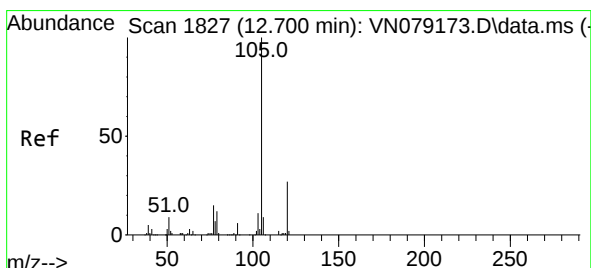
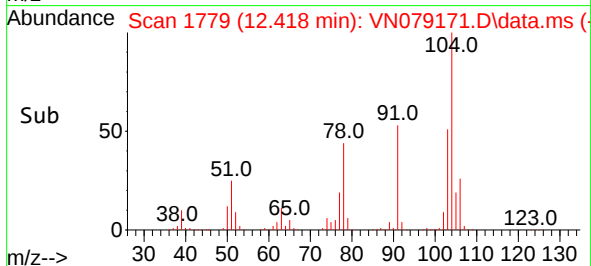
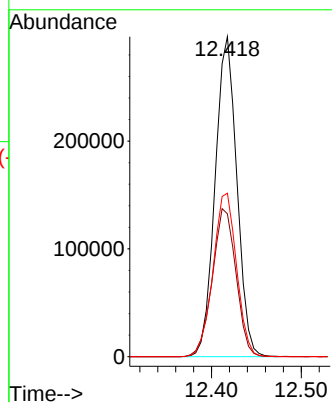
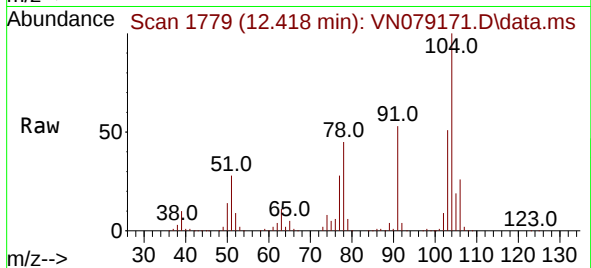
Tgt Ion:104 Resp: 499941

Ion Ratio Lower Upper

104 100

78 50.2 40.2 60.4

103 55.2 43.2 64.8



#70

Isopropylbenzene

Concen: 112.846 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079171.D

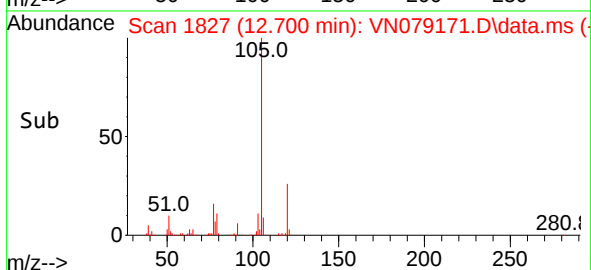
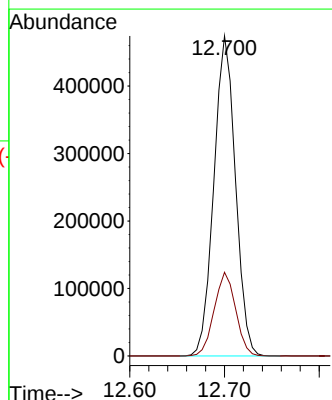
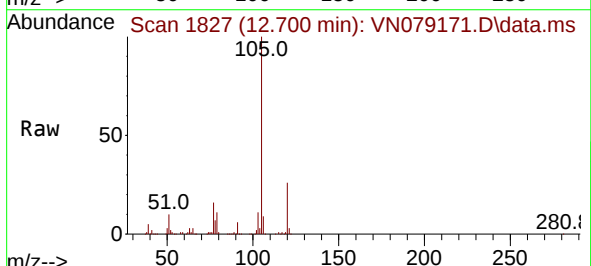
Acq: 07 Sep 2023 09:56

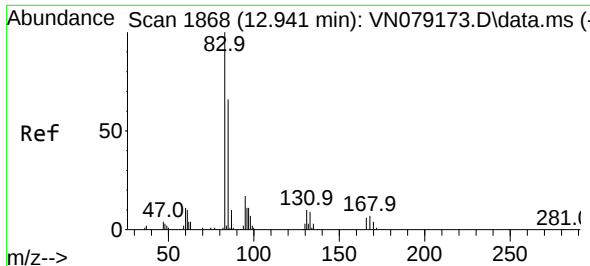
Tgt Ion:105 Resp: 749635

Ion Ratio Lower Upper

105 100

120 26.0 19.1 35.5

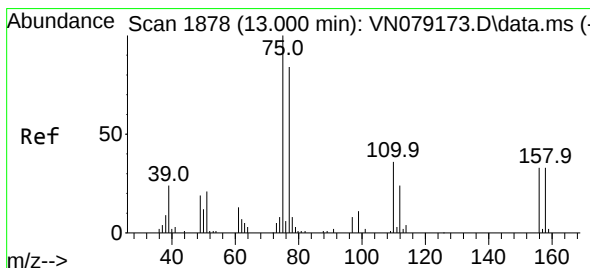
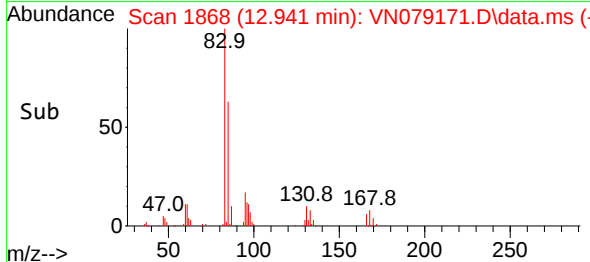
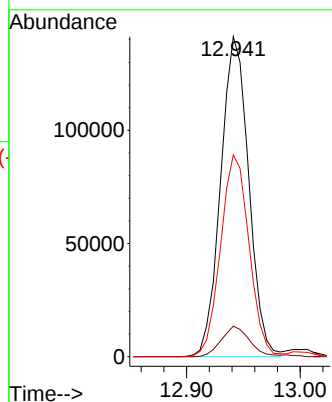
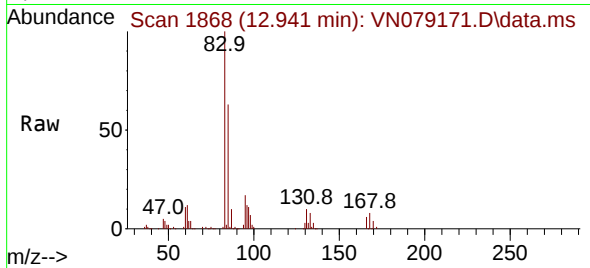




#71
1,1,2,2-Tetrachloroethane
Concen: 97.665 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

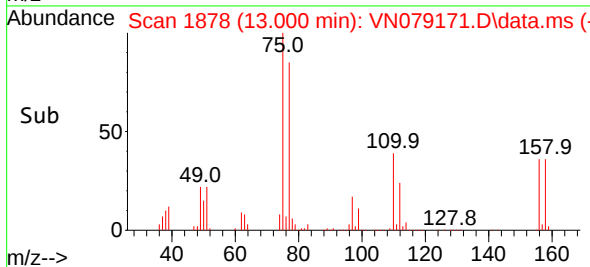
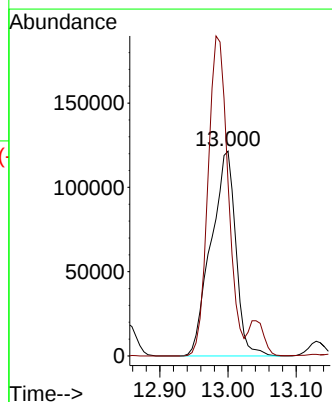
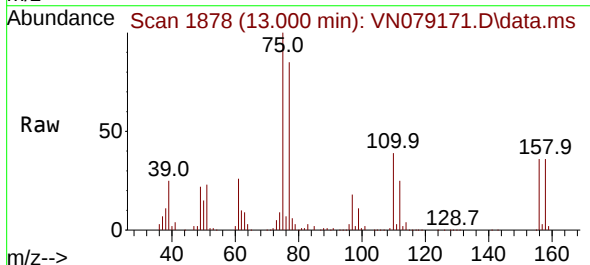
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

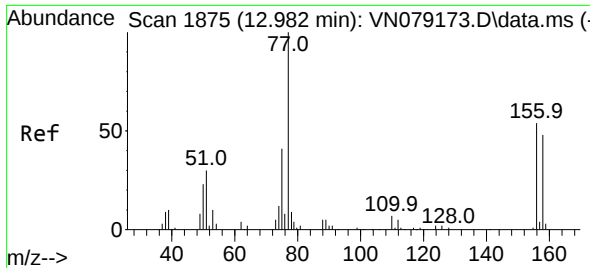
Tgt Ion: 83 Resp: 242701
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.0
85 64.0 31.9 95.7



#72
1,2,3-Trichloropropane
Concen: 135.619 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 75 Resp: 306796
Ion Ratio Lower Upper
75 100
77 126.5 0.0 367.4

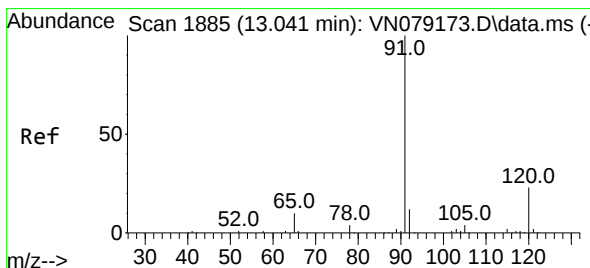
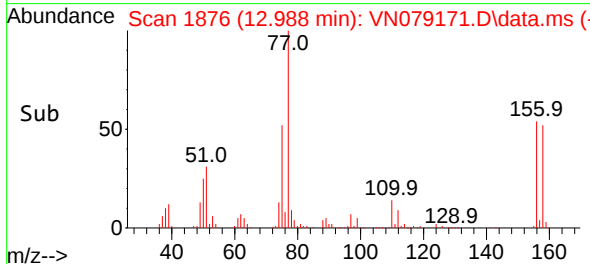
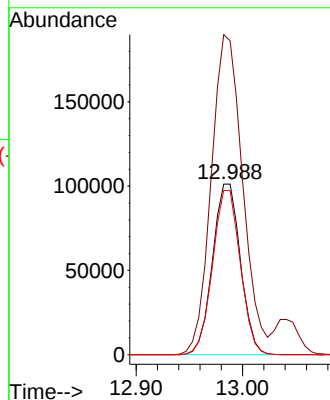
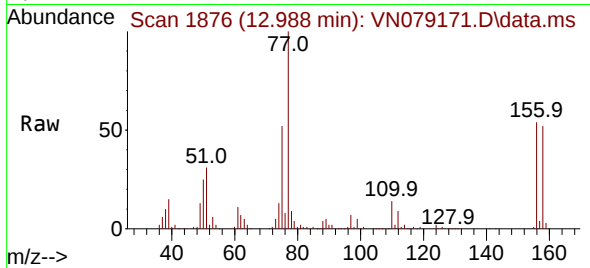




#73
Bromobenzene
Concen: 110.584 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

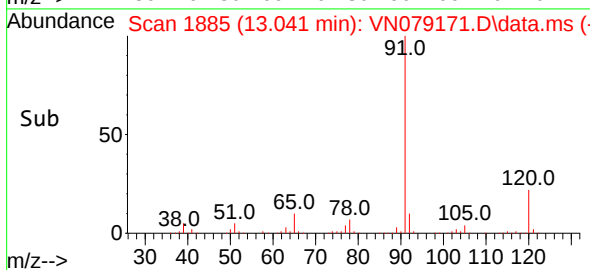
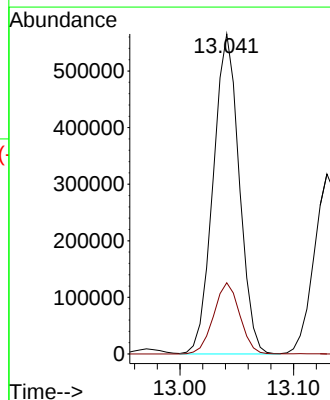
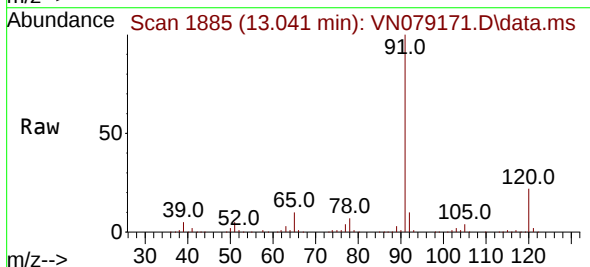
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

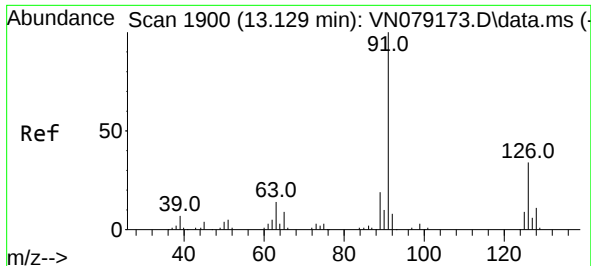
Tgt Ion:156 Resp: 183502
Ion Ratio Lower Upper
156 100
77 211.5 0.0 431.0
158 95.7 0.0 196.8



#74
n-propylbenzene
Concen: 119.047 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 91 Resp: 901058
Ion Ratio Lower Upper
91 100
120 22.2 0.0 44.4

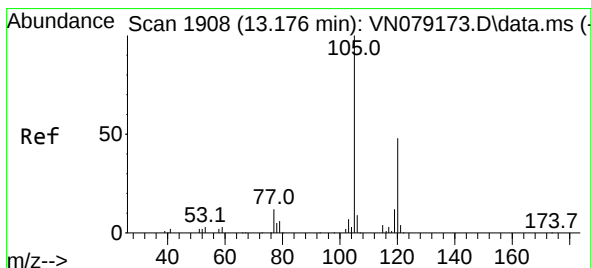
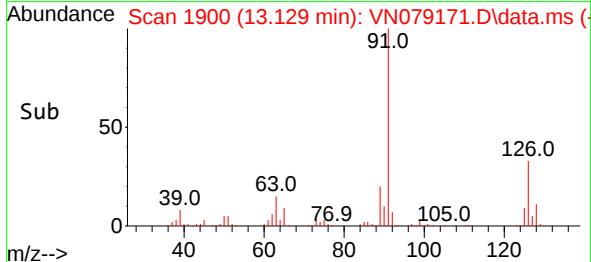
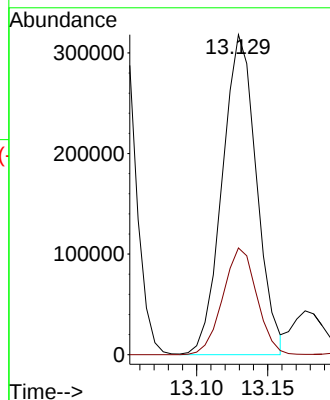
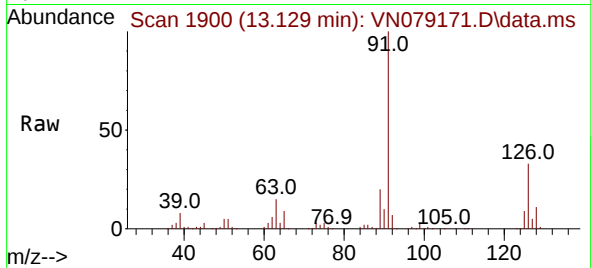




#75
2-Chlorotoluene
Concen: 110.151 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

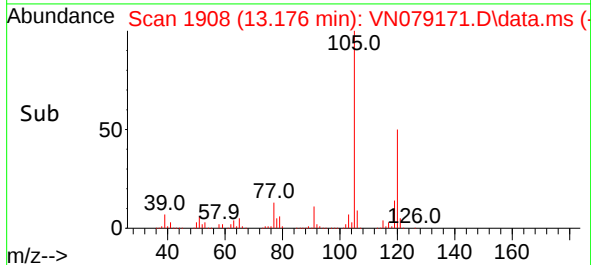
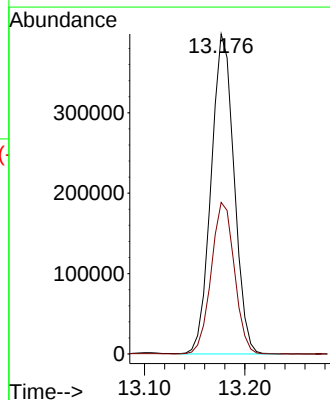
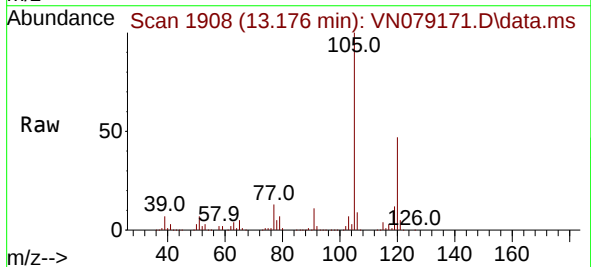
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

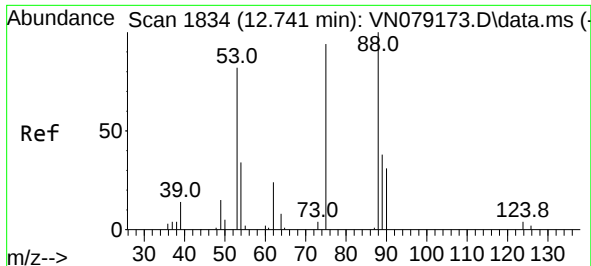
Tgt Ion: 91 Resp: 534594
Ion Ratio Lower Upper
91 100
126 33.0 0.0 67.2



#76
1,3,5-Trimethylbenzene
Concen: 115.062 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 105 Resp: 632005
Ion Ratio Lower Upper
105 100
120 47.9 0.0 98.8

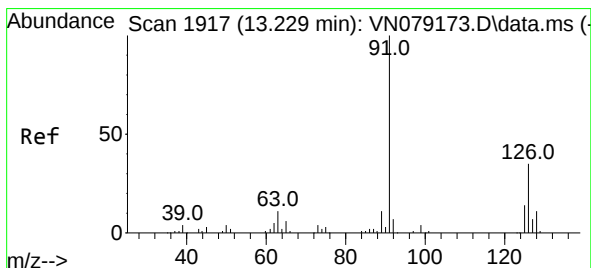
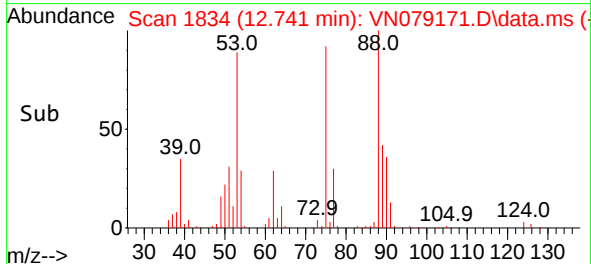
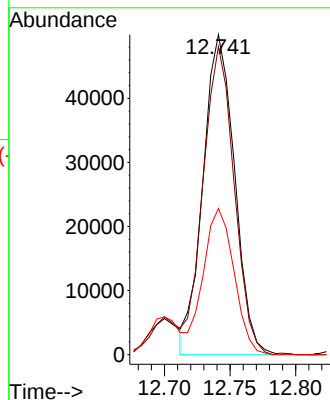
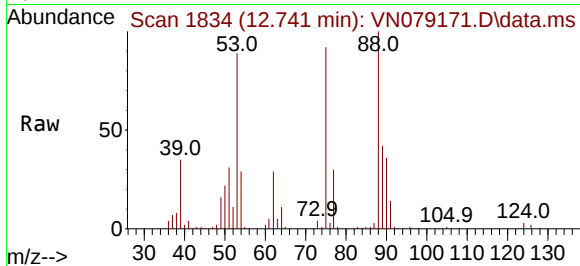




#77
t-1,4-Dichloro-2-butene
Concen: 113.599 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

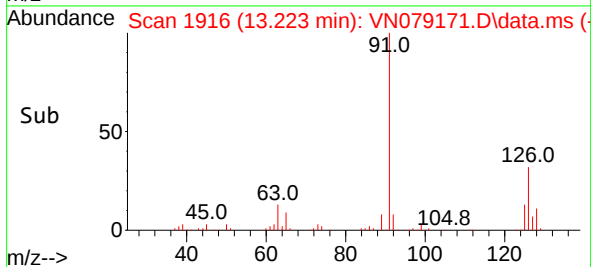
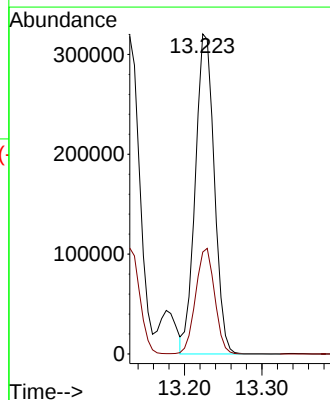
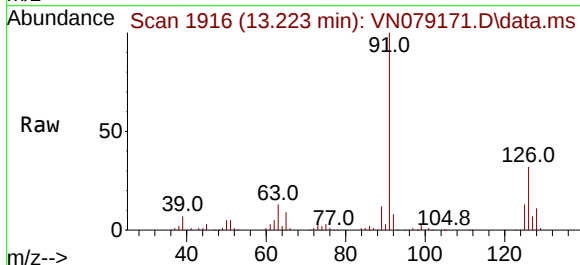
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ClientSampleId :
VSTDIC100

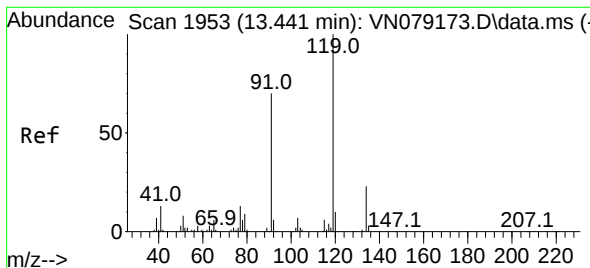
Tgt Ion: 75 Resp: 83627
Ion Ratio Lower Upper
75 100
53 95.8 60.1 180.3
89 45.7 22.9 68.8



#78
4-Chlorotoluene
Concen: 118.822 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion: 91 Resp: 544525
Ion Ratio Lower Upper
91 100
126 33.1 0.0 67.4





#79

tert-butylbenzene

Concen: 117.534 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

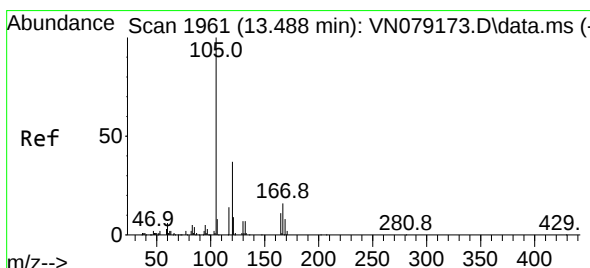
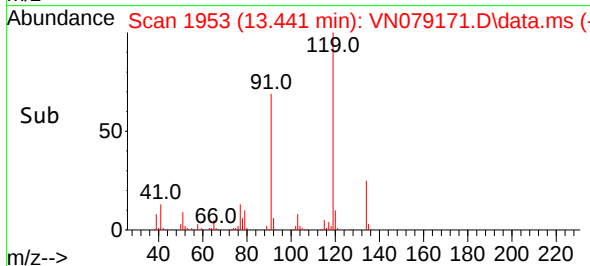
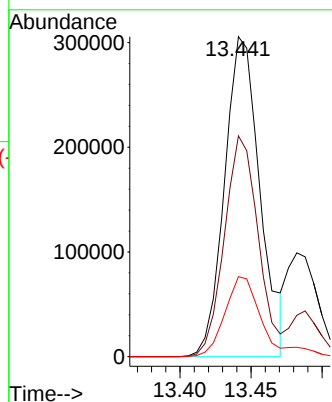
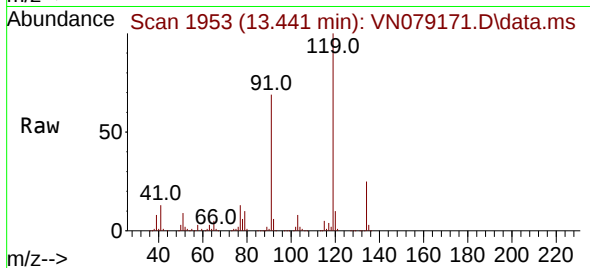
Tgt Ion:119 Resp: 529906

Ion Ratio Lower Upper

119 100

91 66.0 0.0 135.6

134 24.1 0.0 51.4



#80

1,2,4-Trimethylbenzene

Concen: 119.623 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079171.D

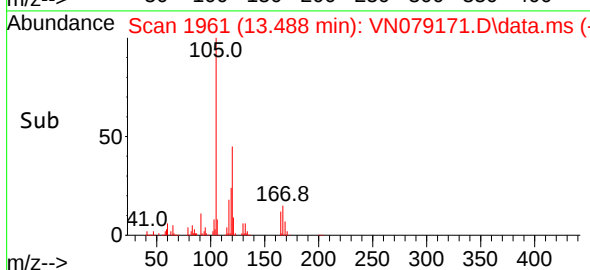
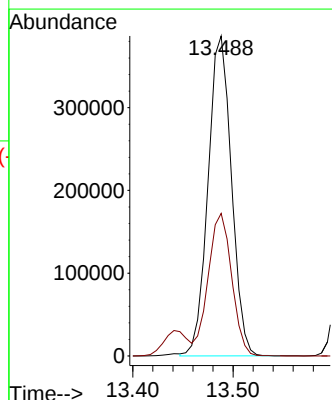
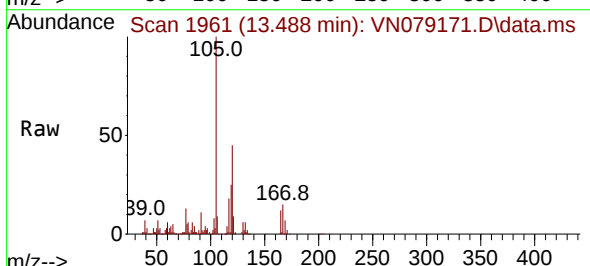
Acq: 07 Sep 2023 09:56

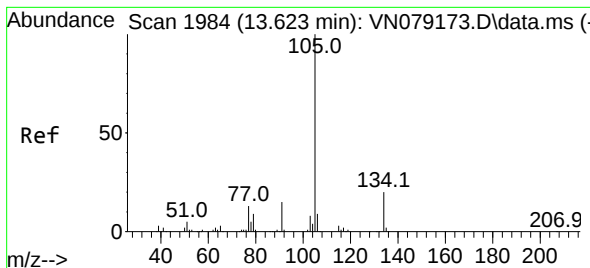
Tgt Ion:105 Resp: 627487

Ion Ratio Lower Upper

105 100

120 44.6 0.0 91.6

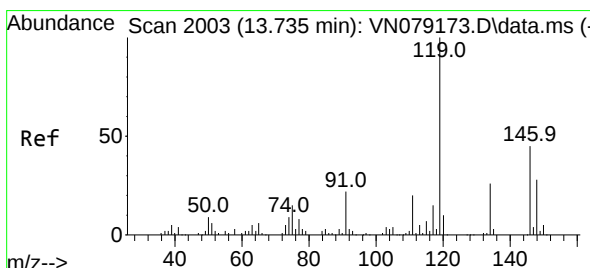
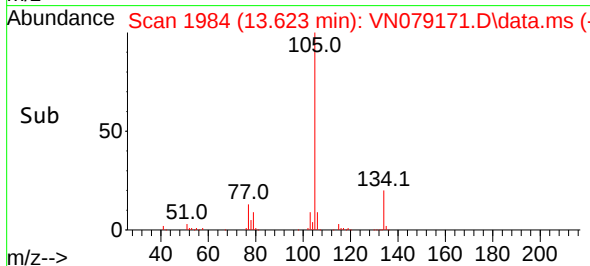
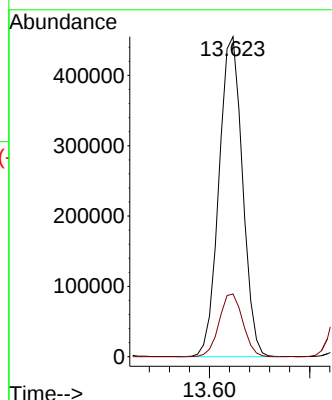
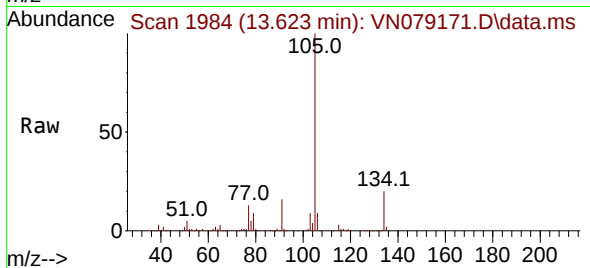




#81
 sec-Butylbenzene
 Concen: 119.980 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079171.D
 Acq: 07 Sep 2023 09:56

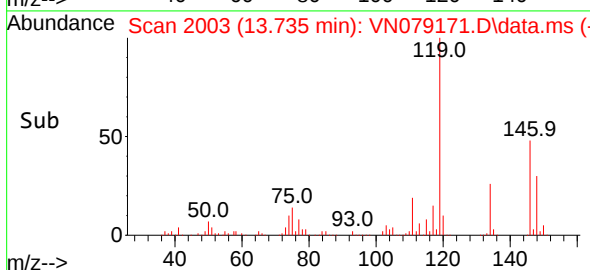
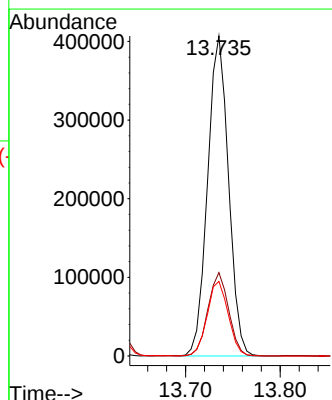
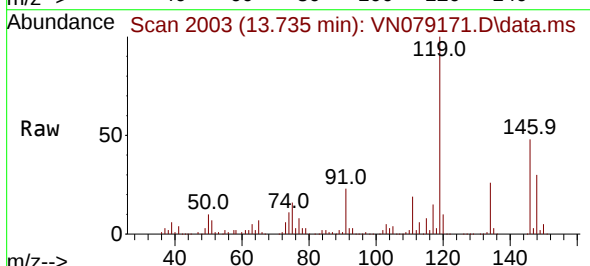
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

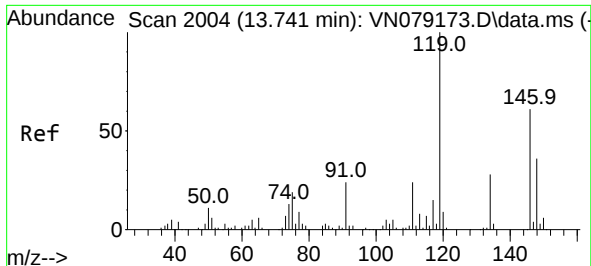
Tgt Ion:105 Resp: 740115
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 128.015 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079171.D
 Acq: 07 Sep 2023 09:56

Tgt Ion:119 Resp: 623766
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.4
 91 23.5 0.0 47.4





#83

1,3-Dichlorobenzene

Concen: 126.803 ug/l

RT: 13.735 min Scan# 2004

Delta R.T. -0.006 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

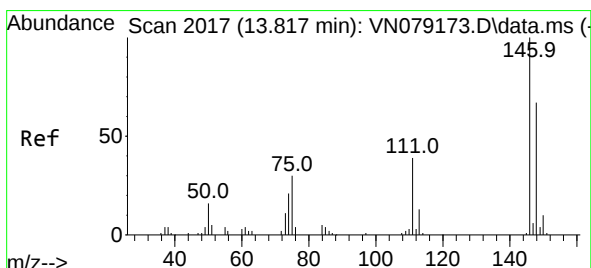
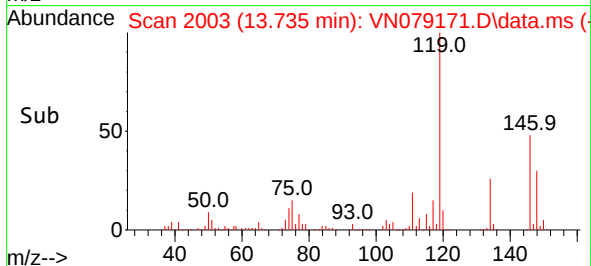
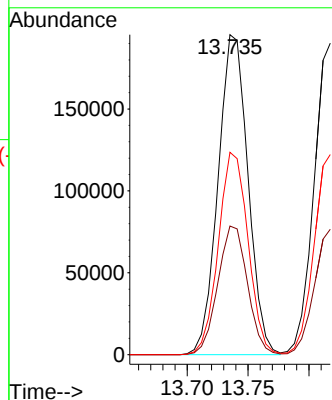
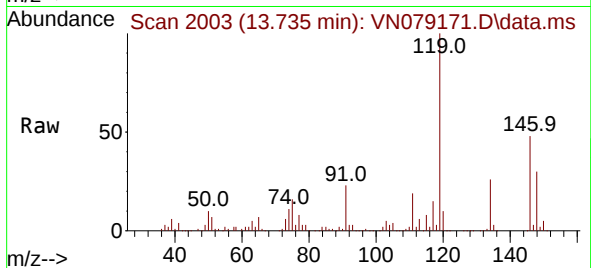
Tgt Ion:146 Resp: 334164

Ion Ratio Lower Upper

146 100

111 39.9 21.2 63.6

148 62.8 33.1 99.5



#84

1,4-Dichlorobenzene

Concen: 131.461 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

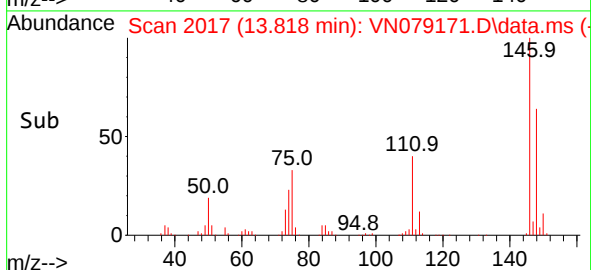
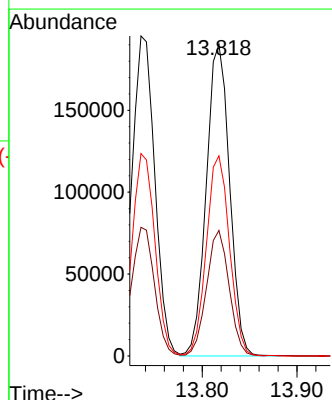
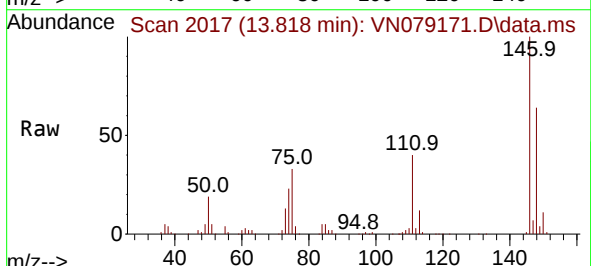
Tgt Ion:146 Resp: 324913

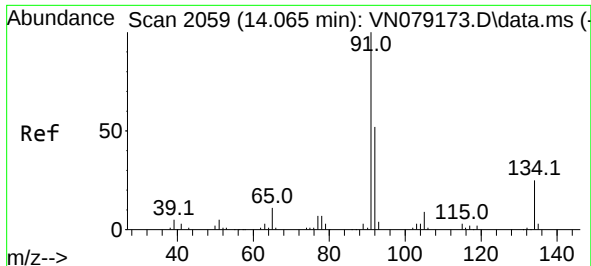
Ion Ratio Lower Upper

146 100

111 38.9 18.6 56.0

148 63.8 32.0 96.2





#85

n-Butylbenzene

Concen: 142.496 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

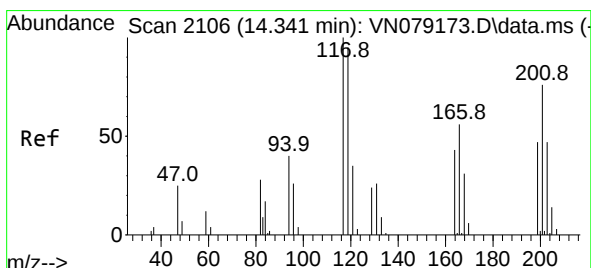
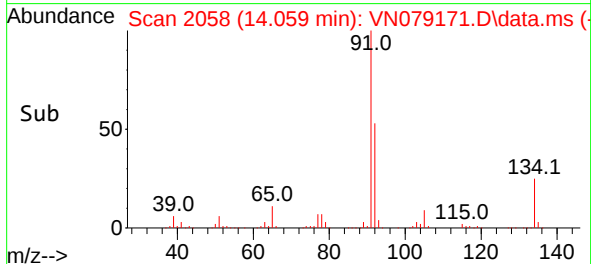
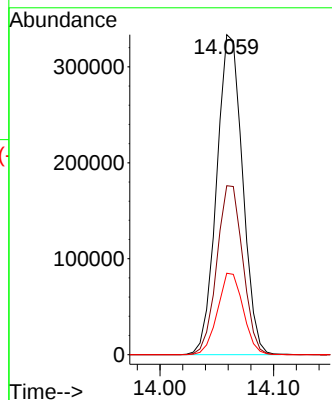
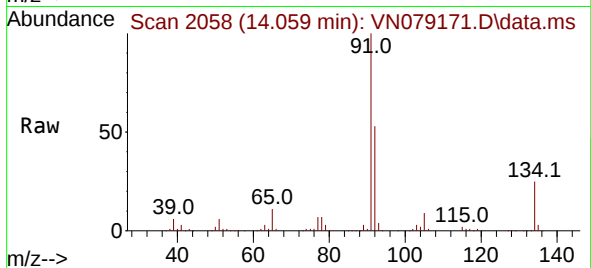
Tgt Ion: 91 Resp: 528821

Ion Ratio Lower Upper

91 100

92 53.0 0.0 102.8

134 25.2 0.0 48.6



#86

Hexachloroethane

Concen: 119.637 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.006 min

Lab File: VN079171.D

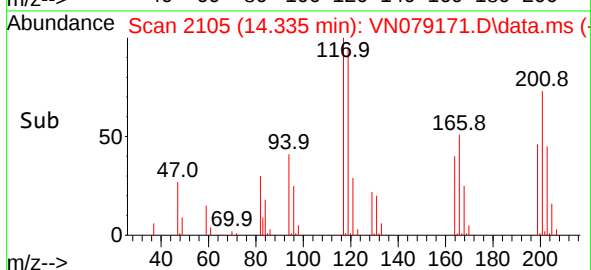
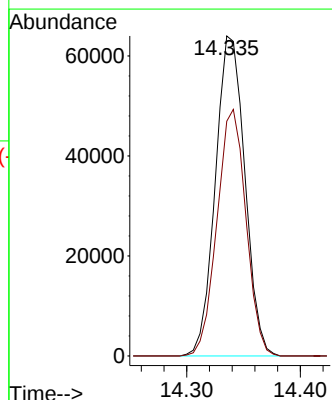
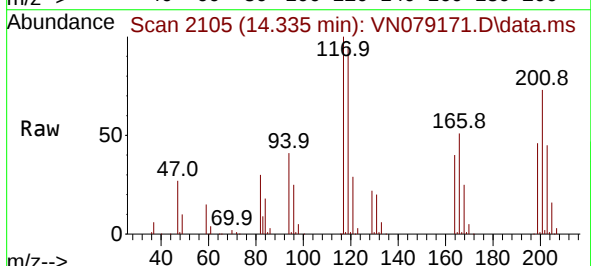
Acq: 07 Sep 2023 09:56

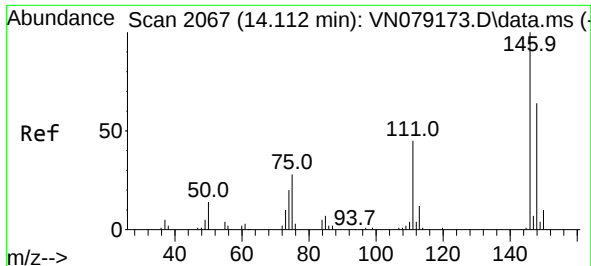
Tgt Ion: 117 Resp: 115418

Ion Ratio Lower Upper

117 100

201 75.6 36.6 109.8





#87

1,2-Dichlorobenzene

Concen: 122.975 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

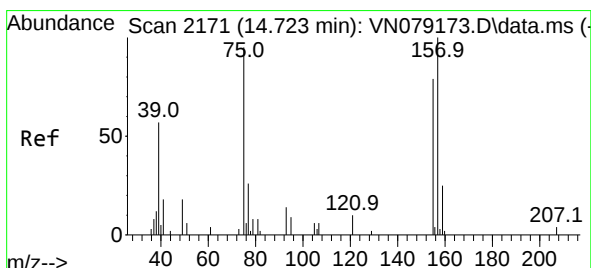
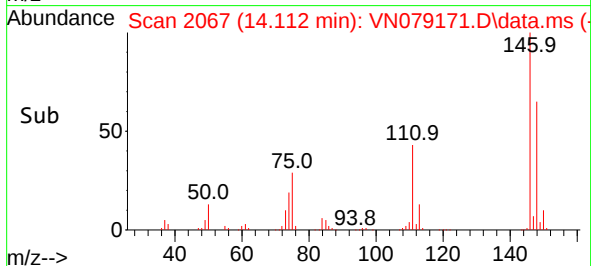
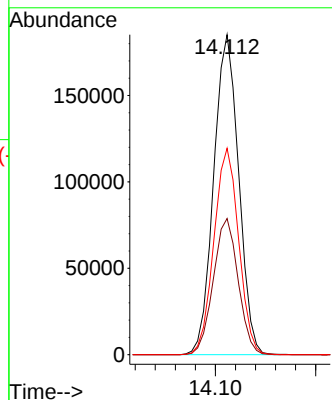
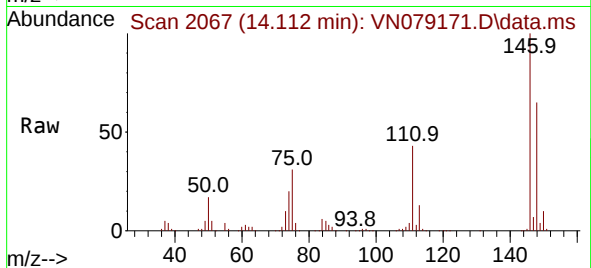
Tgt Ion:146 Resp: 319795

Ion Ratio Lower Upper

146 100

111 42.4 20.3 60.8

148 64.0 32.0 96.2



#88

1,2-Dibromo-3-Chloropropane

Concen: 118.623 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

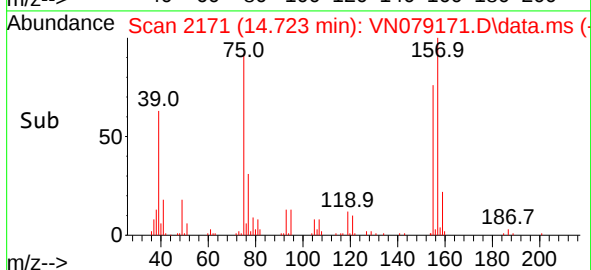
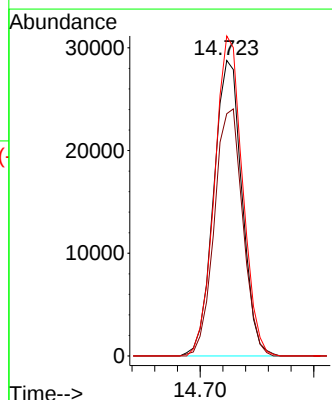
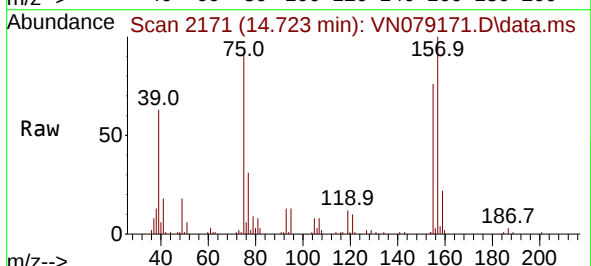
Tgt Ion: 75 Resp: 49826

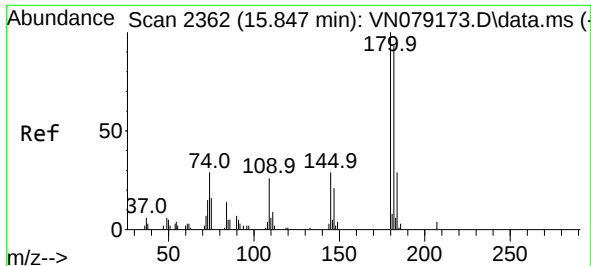
Ion Ratio Lower Upper

75 100

155 84.1 61.1 91.7

157 106.8 79.8 119.6





#89

1,2,4-Trichlorobenzene

Concen: 175.646 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

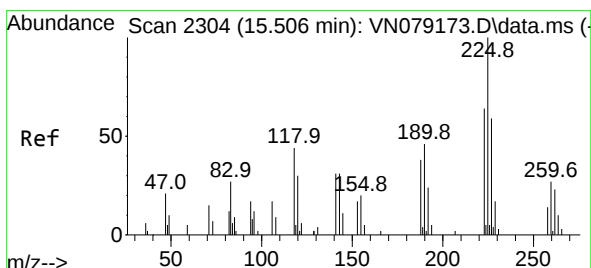
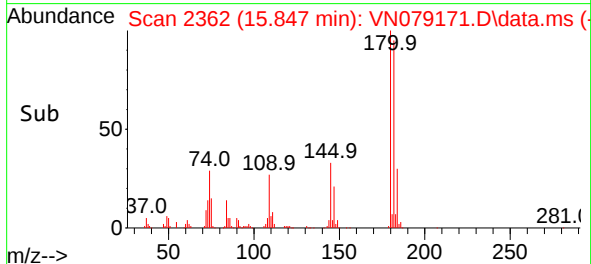
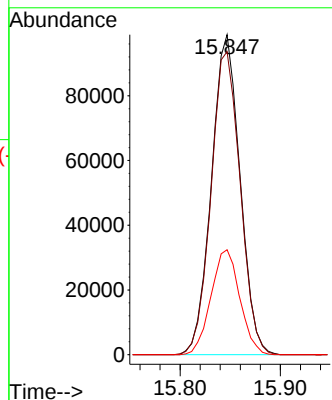
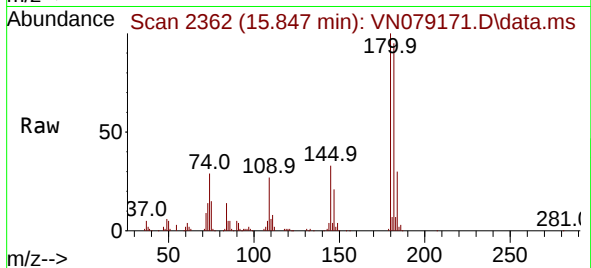
Tgt Ion:180 Resp: 195644

Ion Ratio Lower Upper

180 100

182 96.6 76.1 114.1

145 33.1 26.5 39.7



#90

Hexachlorobutadiene

Concen: 147.976 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079171.D

Acq: 07 Sep 2023 09:56

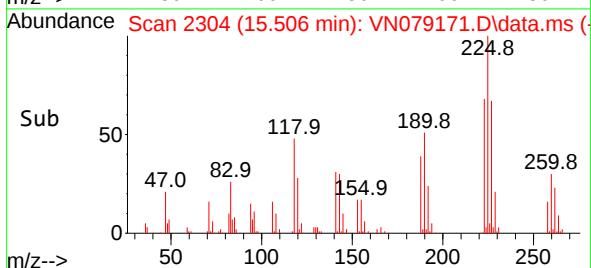
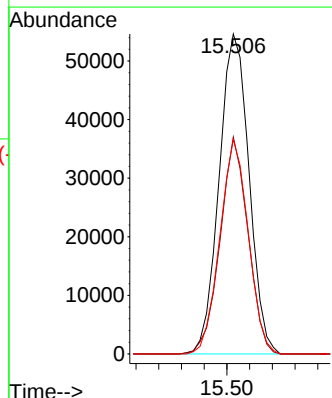
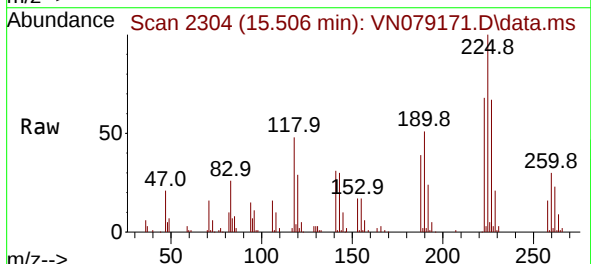
Tgt Ion:225 Resp: 99854

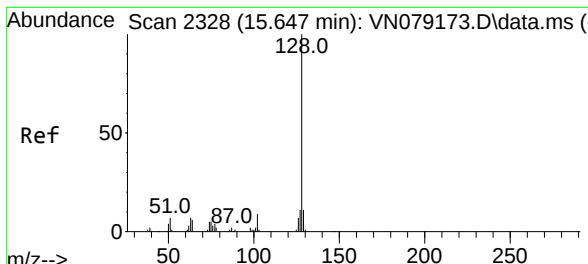
Ion Ratio Lower Upper

225 100

223 63.3 0.0 124.0

227 63.9 0.0 117.4

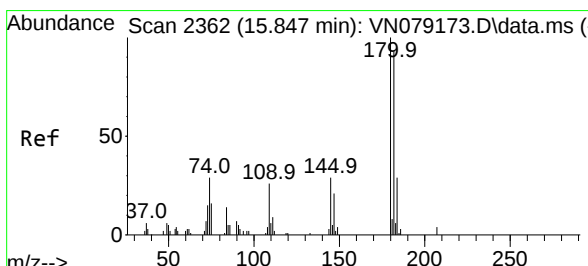
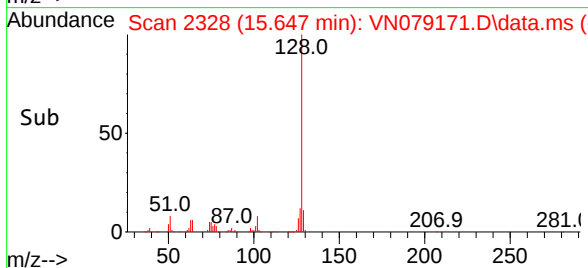
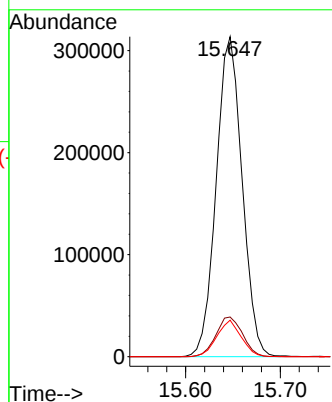
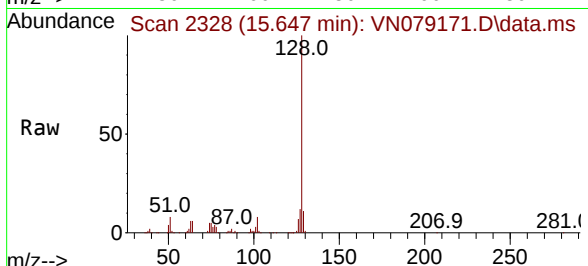




#91
Naphthalene
Concen: 204.960 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 596050
Ion Ratio Lower Upper
128 100
127 12.8 11.1 16.7
129 10.8 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 175.646 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN079171.D
Acq: 07 Sep 2023 09:56

Tgt Ion:180 Resp: 195644
Ion Ratio Lower Upper
180 100
182 96.6 0.0 190.2
145 33.1 0.0 66.2

