

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078385.D
 Acq On : 23 Jun 2023 18:03
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Quant Time: Jun 24 01:25:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 24 00:59:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	76469	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	440525	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	382813	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	173187	30.075	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.267%	
60) 4-Bromofluorobenzene	12.853	95	160885	29.830	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.433%	
63) Toluene-d8	10.571	98	543863	29.322	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 97.733%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	91139	19.678	ug/l	97
3) Chloromethane	2.371	50	113893	20.391	ug/l	98
4) Vinyl Chloride	2.518	62	139114	20.248	ug/l	100
5) Bromomethane	2.971	94	78534	14.060	ug/l	99
6) Chloroethane	3.124	64	87933	17.968	ug/l	96
7) Trichlorofluoromethane	3.506	101	220201	27.231	ug/l	97
8) Diethyl Ether	3.971	74	52334	19.388	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.383	101	85648	19.488	ug/l	75
10) 1,1-Dichloroethene	4.348	96	85922	19.935	ug/l	96
11) Methyl Iodide	4.595	142	89359	14.634	ug/l	97
12) Methyl Acetate	5.042	43	133144	19.912	ug/l	94
13) Acrolein	4.348	56	478	0.571	ug/l	89
14) Acrylonitrile	5.742	53	184467	101.836	ug/l	100
15) Acetone	4.436	58	27377	53.002	ug/l	96
16) Carbon Disulfide	4.724	76	218240	18.530	ug/l	98
17) Allyl chloride	5.036	41	103706	19.183	ug/l	97
18) Methylene Chloride	5.283	84	54585	10.687	ug/l #	94
19) trans-1,2-Dichloroethene	5.794	96	92843	19.518	ug/l	91
20) Diisopropyl ether	6.683	45	262324	20.201	ug/l	97
21) 1,1-Dichloroethane	6.577	63	168167	19.524	ug/l	96
22) cis-1,2-Dichloroethene	7.494	96	107648	19.893	ug/l	95
23) tert-Butyl Alcohol	5.542	59	62914	92.978	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	159437	11.732	ug/l #	68
25) Chloroform	7.971	83	184744	20.295	ug/l	92
26) Cyclohexane	8.265	56	117193	19.011	ug/l #	99
29) 1,1-Dichloropropene	8.383	75	127388	18.654	ug/l	99
30) 2-Butanone	7.494	43	239802	100.184	ug/l	99
31) 2,2-Dichloropropane	7.500	77	131404	17.997	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	161127	19.364	ug/l	100
33) Carbon Tetrachloride	8.371	117	140400	19.352	ug/l	93
34) Benzene	8.612	78	395697	19.431	ug/l	95
35) Methacrylonitrile	7.783	41	56153	20.462	ug/l	86
36) 1,2-Dichloroethane	8.677	62	132142	19.033	ug/l	100
37) Trichloroethene	9.365	130	99441	19.113	ug/l	100
38) Methylcyclohexane	9.612	83	110128	18.356	ug/l	98
39) 1,2-Dichloropropane	9.624	63	99430	19.492	ug/l	90
40) Dibromomethane	9.712	93	71895	19.531	ug/l	96
41) Bromodichloromethane	9.894	83	140460	19.642	ug/l	95
42) Vinyl Acetate	6.618	43	743380	97.492	ug/l	99

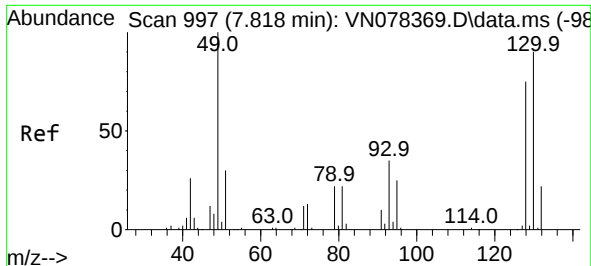
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	106613	21.154	ug/l	99
44) Isopropyl Acetate	8.694	43	186910	20.533	ug/l	98
45) 1,4-Dioxane	9.700	88	31185	388.319	ug/l #	88
46) Methyl methacrylate	9.688	41	78854	19.460	ug/l	100
47) n-amyl Acetate	12.500	43	133025	19.880	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	138442	18.858	ug/l	94
49) cis-1,3-Dichloropropene	10.318	75	153374	18.955	ug/l	96
50) 1,1,2-Trichloroethane	11.024	97	96675	19.591	ug/l #	90
51) Ethyl methacrylate	10.882	69	130853	19.384	ug/l	95
52) 1,3-Dichloropropane	11.171	76	164957	19.917	ug/l	98
53) Dibromochloromethane	11.365	129	102025	19.493	ug/l	99
54) 1,2-Dibromoethane	11.471	107	99404	19.986	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	275393	110.577	ug/l	97
56) Bromoform	12.582	173	62873	19.624	ug/l	96
58) 4-Methyl-2-Pentanone	10.453	43	519851	101.690	ug/l	99
59) 2-Hexanone	11.200	43	366737	103.874	ug/l	98
61) Tetrachloroethene	11.112	164	79022	18.838	ug/l	95
62) Toluene	10.635	91	432997	19.435	ug/l	99
64) Chlorobenzene	11.894	112	256527	19.426	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	97317	19.112	ug/l	99
66) Ethyl Benzene	11.971	91	438867	19.359	ug/l	96
67) m/p-Xylenes	12.076	106	333743	38.935	ug/l	100
68) o-Xylene	12.400	106	165302	19.887	ug/l	99
69) Styrene	12.418	104	258190	19.618	ug/l	99
70) Isopropylbenzene	12.700	105	393307	19.256	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	137025	20.630	ug/l	95
72) 1,2,3-Trichloropropane	12.994	75	152638	27.570	ug/l	59
73) Bromobenzene	12.982	156	93388	19.124	ug/l	97
74) n-propylbenzene	13.041	91	421642	18.984	ug/l	98
75) 2-Chlorotoluene	13.129	91	285815	19.010	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	315788	18.646	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	30681	17.145	ug/l	95
78) 4-Chlorotoluene	13.229	91	259978	18.478	ug/l	100
79) tert-butylbenzene	13.441	119	270284	19.400	ug/l	100
80) 1,2,4-Trimethylbenzene	13.488	105	316213	19.759	ug/l	99
81) sec-Butylbenzene	13.618	105	333089	19.164	ug/l	99
82) p-Isopropyltoluene	13.735	119	277482	19.848	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	153233	19.798	ug/l	97
84) 1,4-Dichlorobenzene	13.818	146	142663	19.064	ug/l	98
85) n-Butylbenzene	14.059	91	192269	18.619	ug/l	100
86) Hexachloroethane	14.335	117	50940	18.931	ug/l	92
87) 1,2-Dichlorobenzene	14.112	146	154015	20.075	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.729	75	20108	20.092	ug/l	96
89) 1,2,4-Trichlorobenzene	15.394	180	39809	17.018	ug/l	98
90) Hexachlorobutadiene	15.506	225	28256	17.766	ug/l	96
91) Naphthalene	15.647	128	126603	16.516	ug/l	97
92) 1,2,3-Trichlorobenzene	15.847	180	49498	18.290	ug/l	95

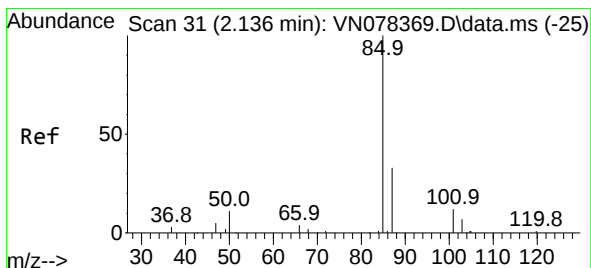
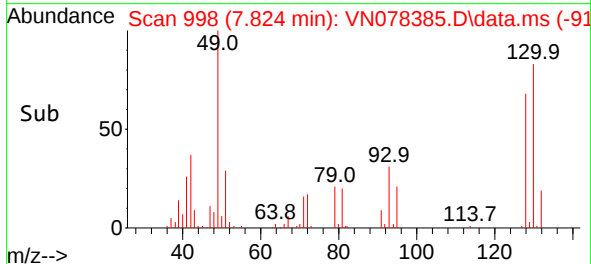
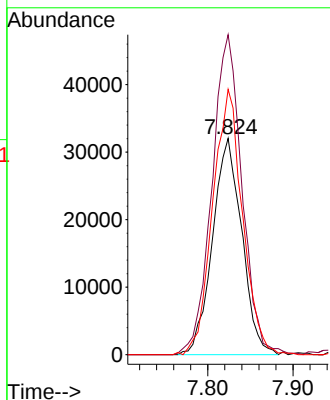
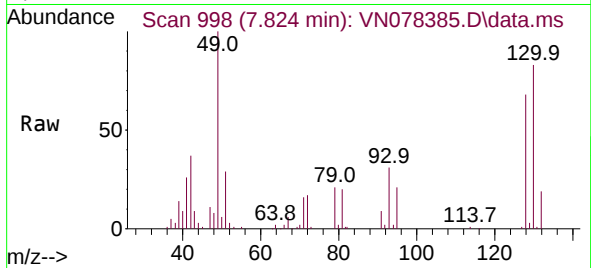
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

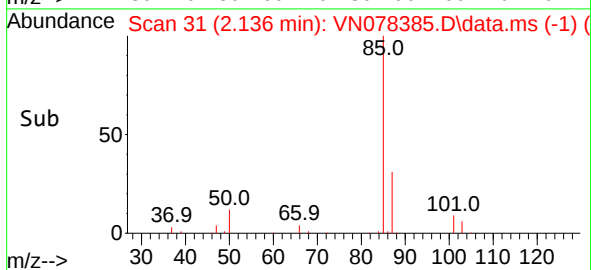
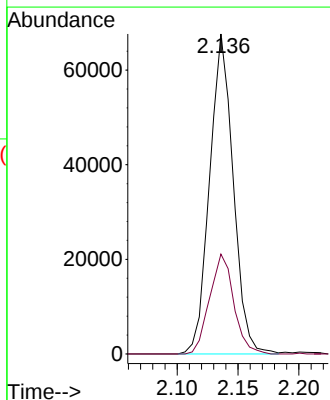
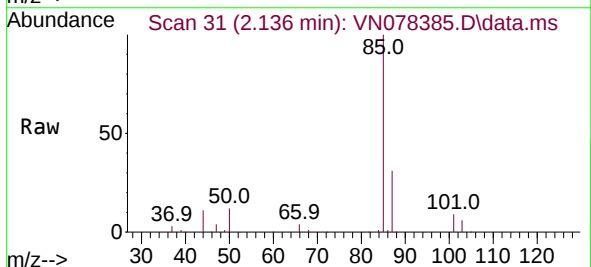
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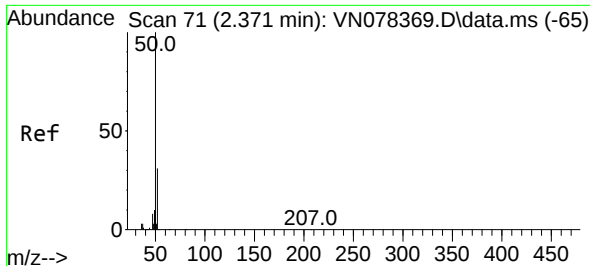
Tgt Ion:128 Resp: 76469
Ion Ratio Lower Upper
128 100
49 151.9 0.0 370.8
130 124.6 0.0 307.0



#2
Dichlorodifluoromethane
Concen: 19.678 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 85 Resp: 91139
Ion Ratio Lower Upper
85 100
87 31.2 16.4 49.4

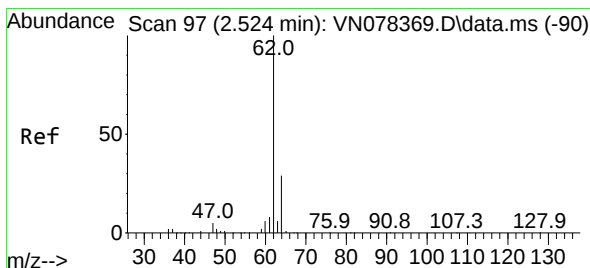
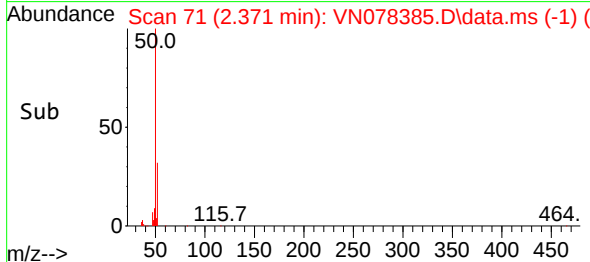
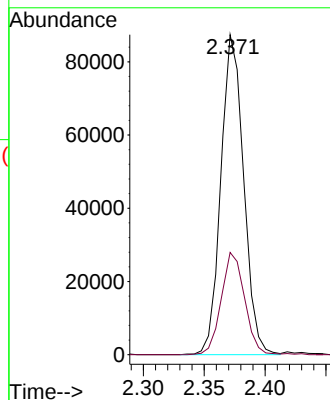
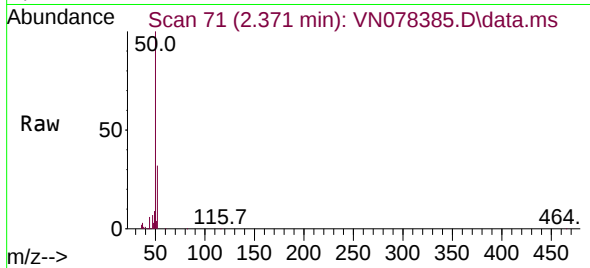




#3
Chloromethane
Concen: 20.391 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

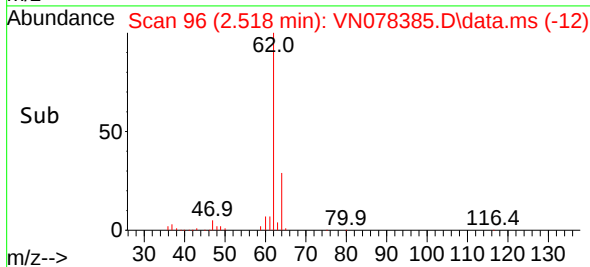
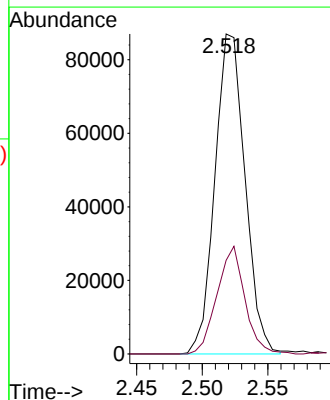
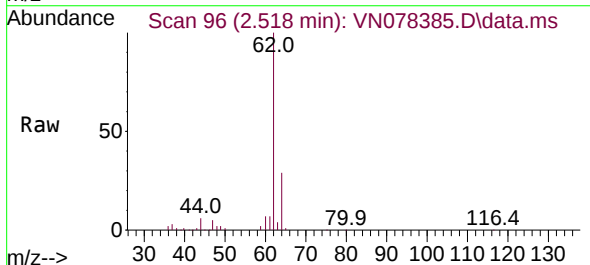
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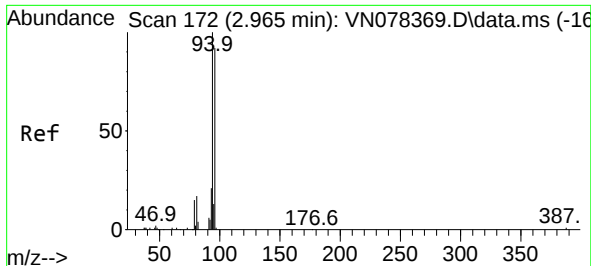
Tgt Ion: 50 Resp: 113893
Ion Ratio Lower Upper
50 100
52 32.0 24.6 36.8



#4
Vinyl Chloride
Concen: 20.248 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 62 Resp: 139114
Ion Ratio Lower Upper
62 100
64 29.3 23.3 34.9

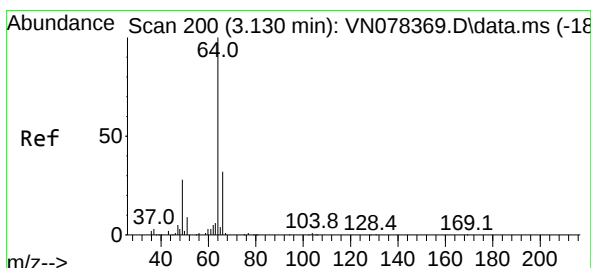
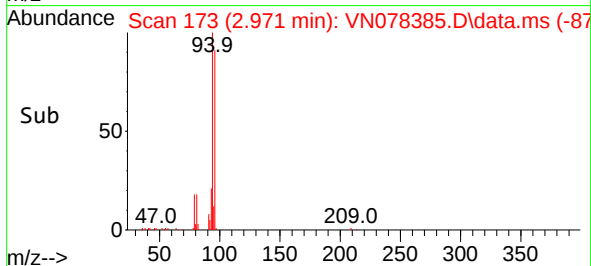
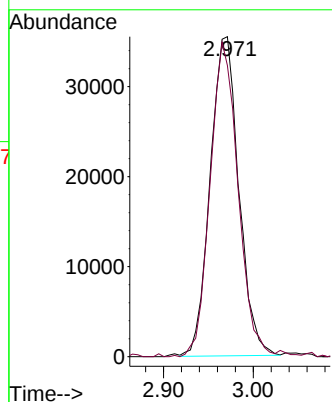
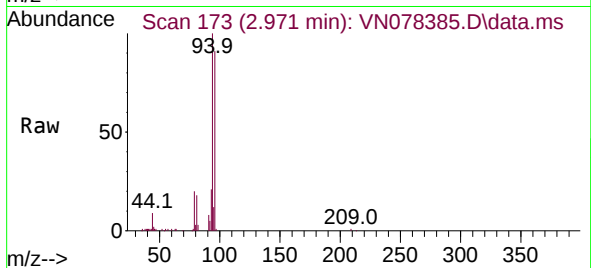




#5
Bromomethane
Concen: 14.060 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

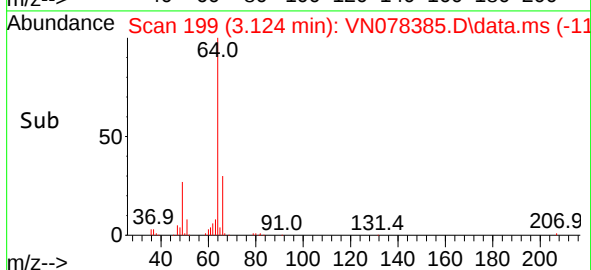
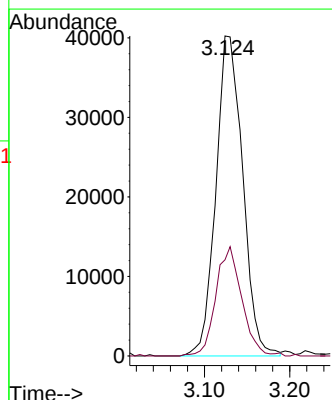
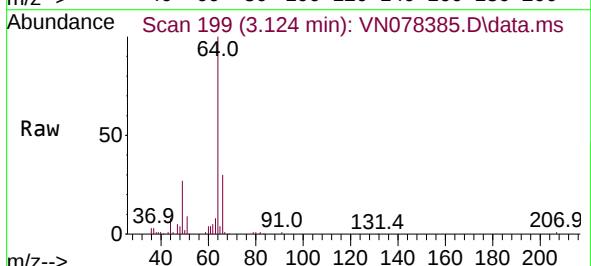
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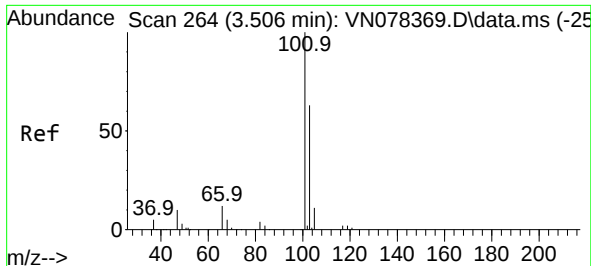
Tgt Ion: 94 Resp: 78534
Ion Ratio Lower Upper
94 100
96 91.4 73.9 110.9



#6
Chloroethane
Concen: 17.968 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 64 Resp: 87933
Ion Ratio Lower Upper
64 100
66 30.1 25.7 38.5

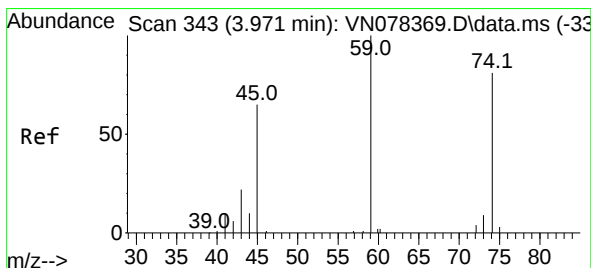
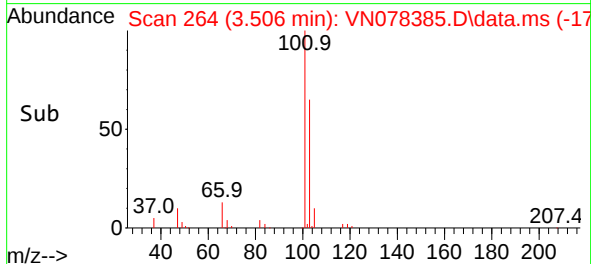
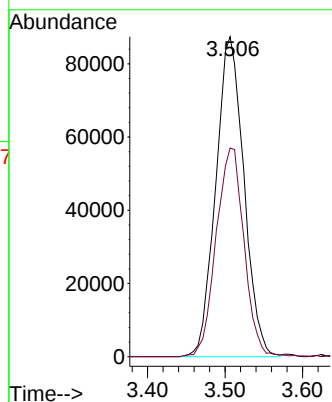
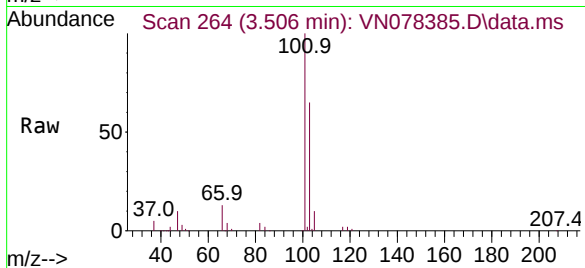




#7
 Trichlorofluoromethane
 Concen: 27.231 ug/l
 RT: 3.506 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VN078385.D
 Acq: 23 Jun 2023 18:03

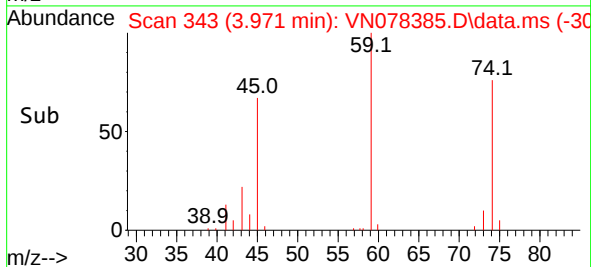
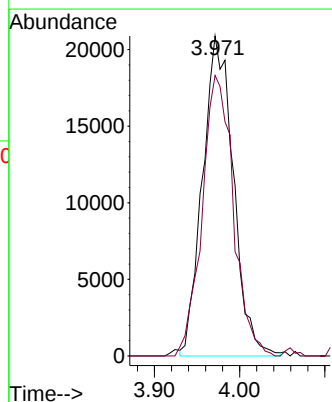
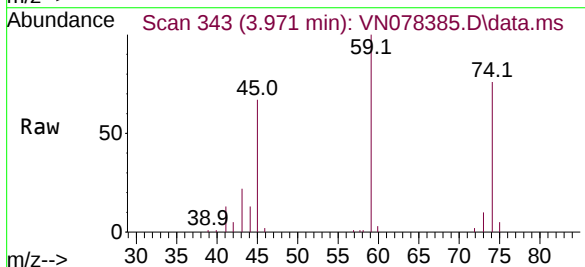
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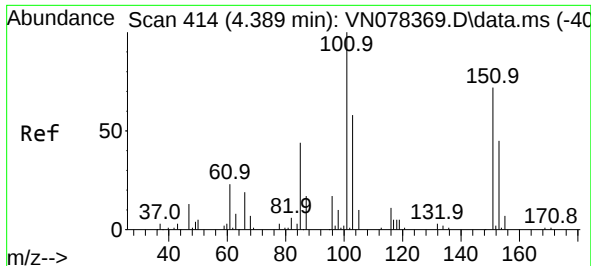
Tgt Ion:101 Resp: 220201
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.4 75.6



#8
 Diethyl Ether
 Concen: 19.388 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078385.D
 Acq: 23 Jun 2023 18:03

Tgt Ion: 74 Resp: 52334
 Ion Ratio Lower Upper
 74 100
 45 88.7 16.3 146.5

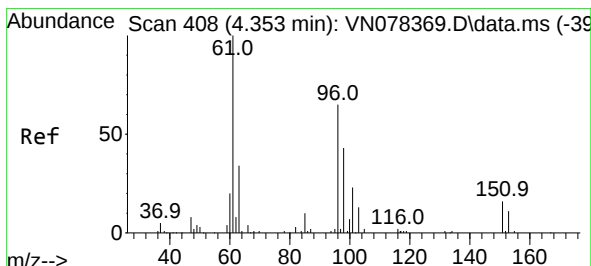
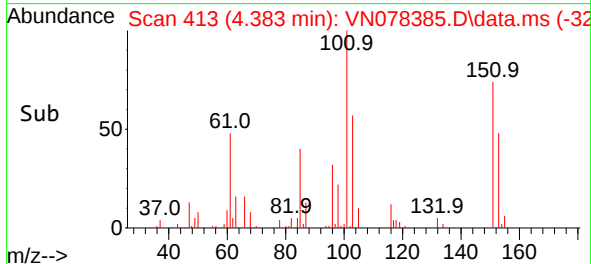
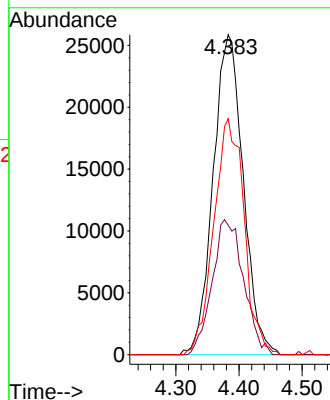
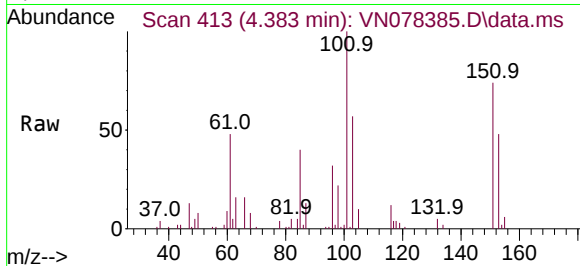




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.488 ug/l
RT: 4.383 min Scan# 414
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

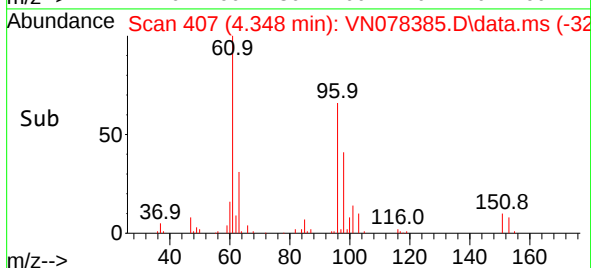
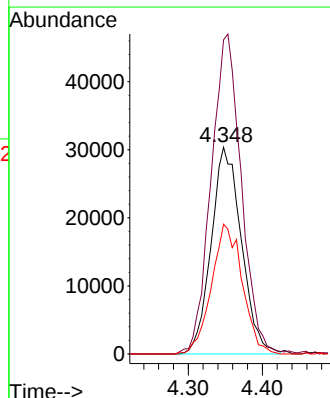
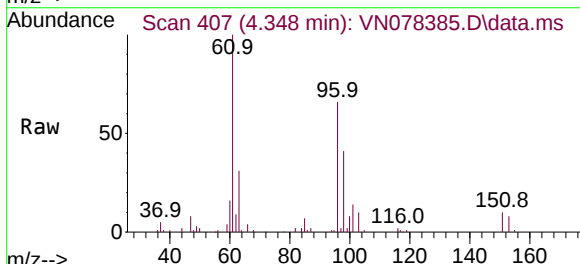
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

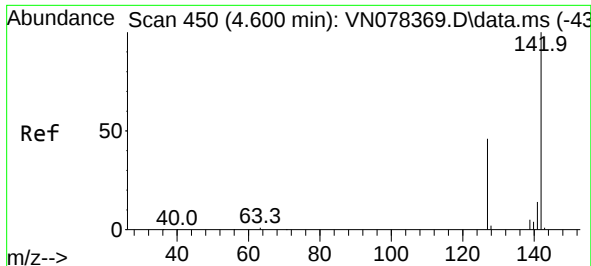
Tgt Ion:101 Resp: 85648
Ion Ratio Lower Upper
101 100
85 28.3 0.0 89.2
151 53.3 0.0 148.8



#10
1,1-Dichloroethene
Concen: 19.935 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 96 Resp: 85922
Ion Ratio Lower Upper
96 100
61 150.8 123.4 185.2
98 62.8 53.7 80.5

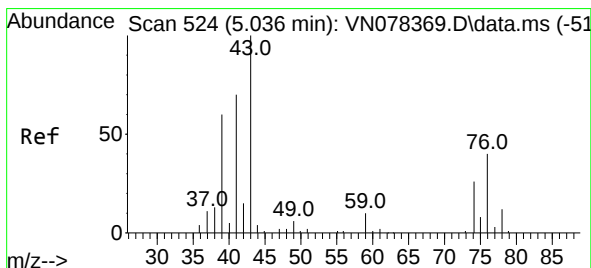
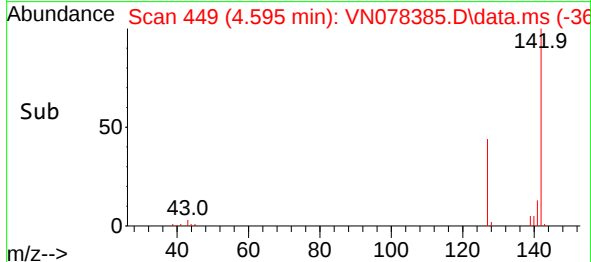
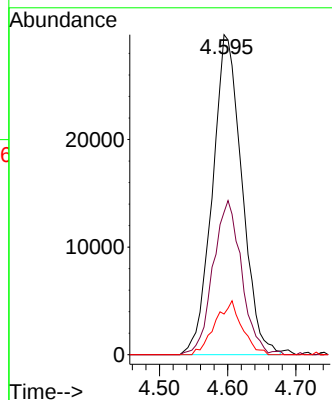
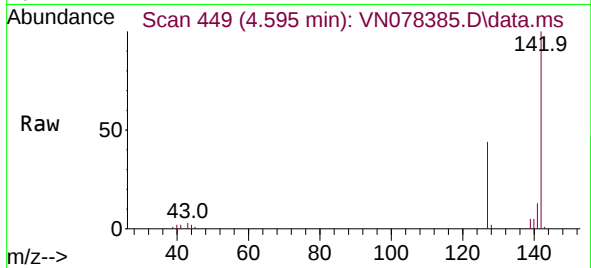




#11
Methyl Iodide
Concen: 14.634 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

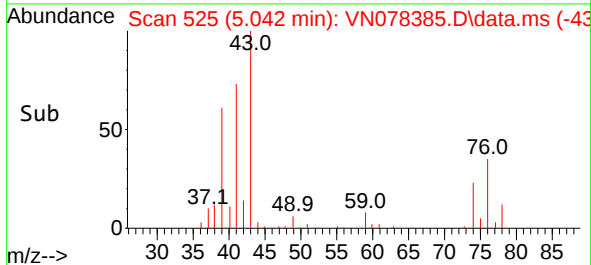
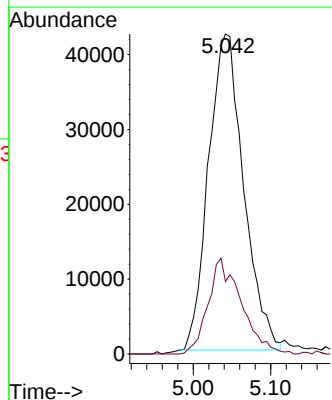
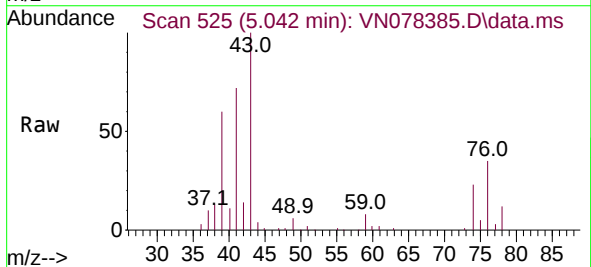
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

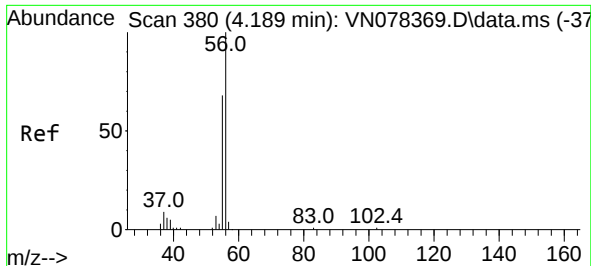
Tgt Ion:142 Resp: 89359
Ion Ratio Lower Upper
142 100
127 44.2 23.2 69.5
141 12.8 7.2 21.7



#12
Methyl Acetate
Concen: 19.912 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 43 Resp: 133144
Ion Ratio Lower Upper
43 100
74 22.8 20.5 30.7





#13

Acrolein

Concen: 0.571 ug/l

RT: 4.348 min Scan# 407

Delta R.T. 0.159 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

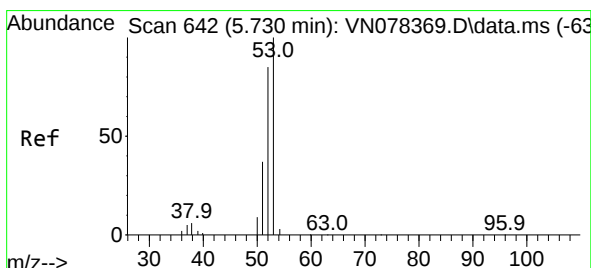
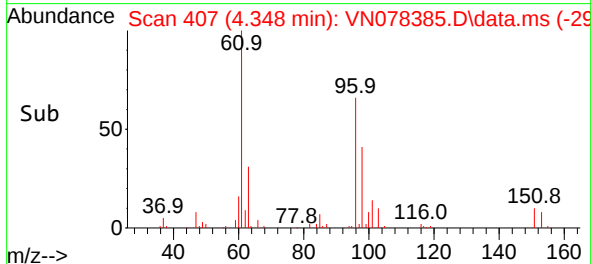
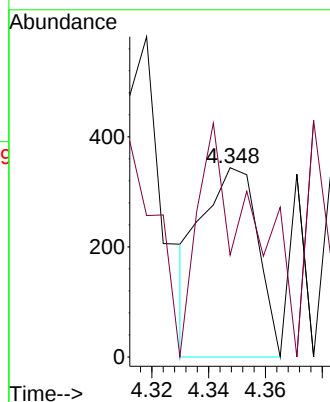
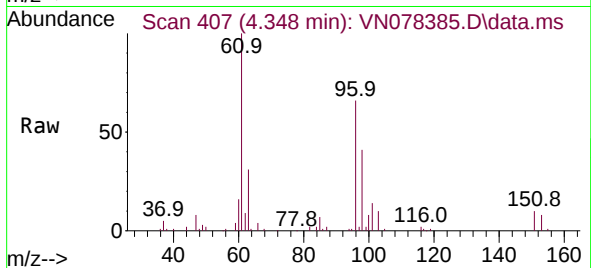
VSTDCCC020EC

Tgt Ion: 56 Resp: 478

Ion Ratio Lower Upper

56 100

55 64.6 59.0 88.4



#14

Acrylonitrile

Concen: 101.836 ug/l

RT: 5.742 min Scan# 644

Delta R.T. 0.012 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

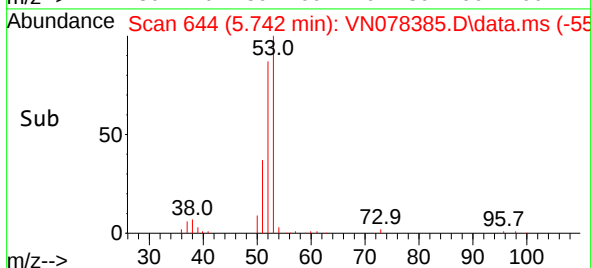
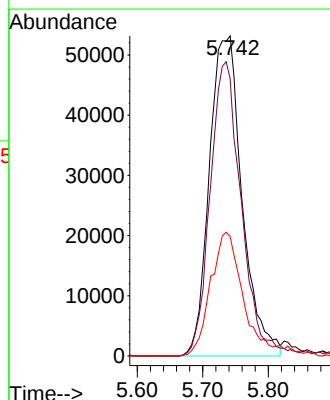
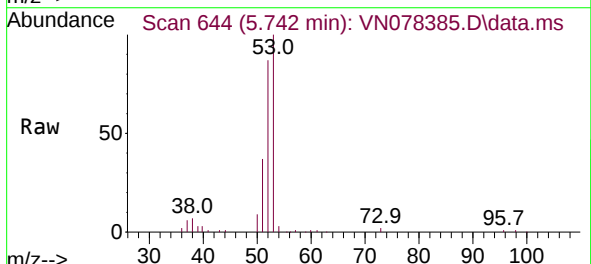
Tgt Ion: 53 Resp: 184467

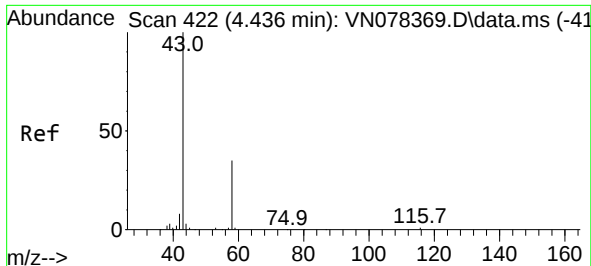
Ion Ratio Lower Upper

53 100

52 84.8 42.3 126.9

51 37.6 18.4 55.4





#15

Acetone

Concen: 53.002 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

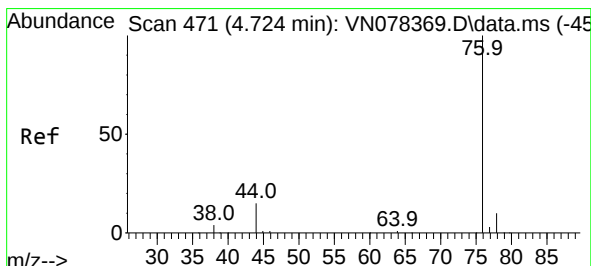
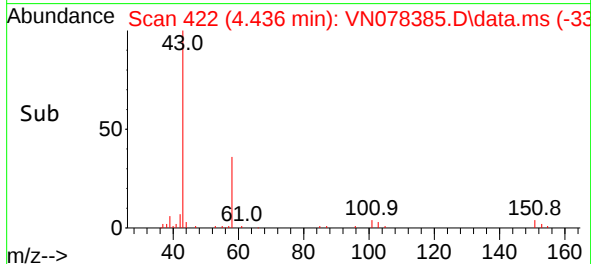
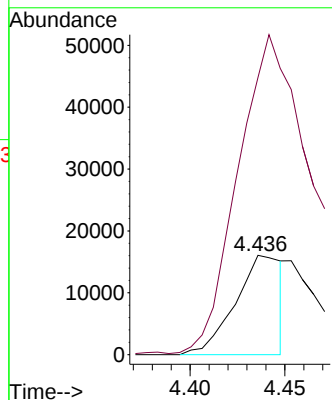
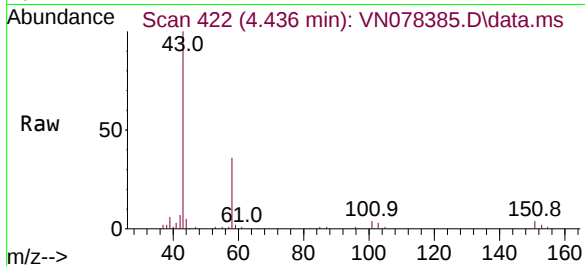
VSTDCCC020EC

Tgt Ion: 58 Resp: 27377

Ion Ratio Lower Upper

58 100

43 276.7 227.5 341.3



#16

Carbon Disulfide

Concen: 18.530 ug/l

RT: 4.724 min Scan# 471

Delta R.T. 0.000 min

Lab File: VN078385.D

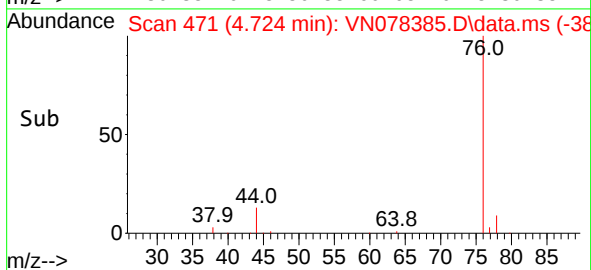
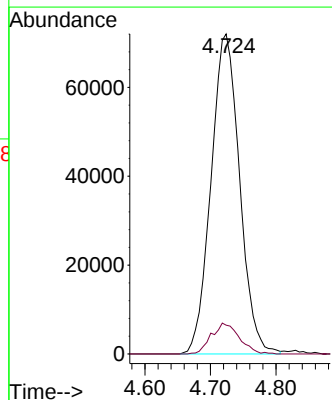
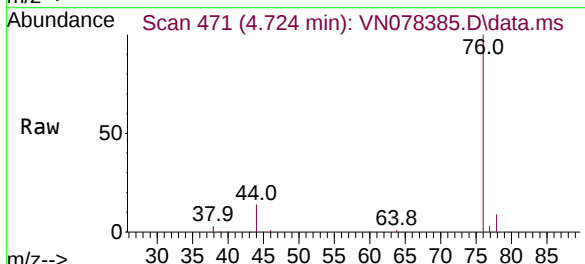
Acq: 23 Jun 2023 18:03

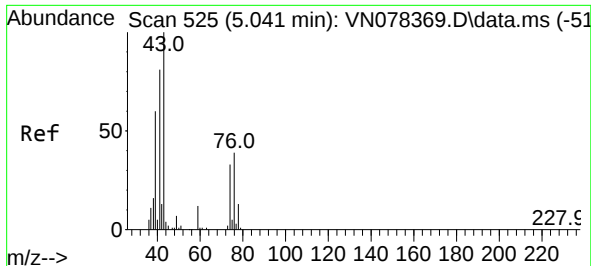
Tgt Ion: 76 Resp: 218240

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5

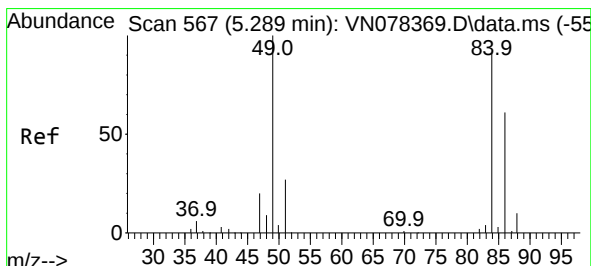
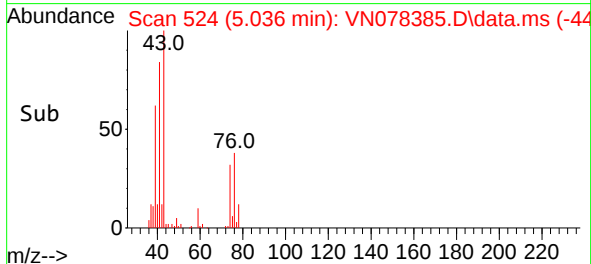
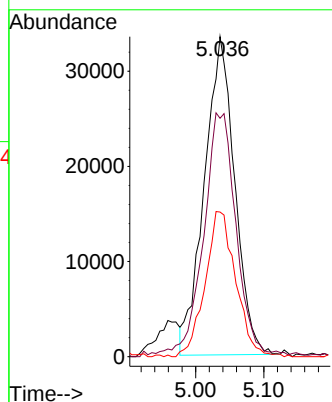
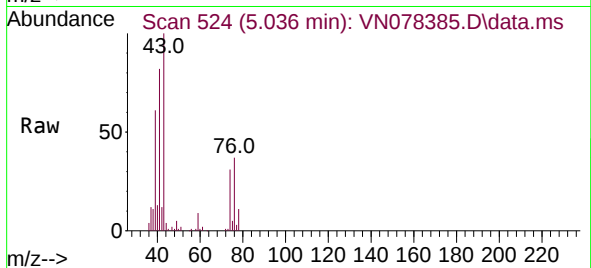




#17
 Allyl chloride
 Concen: 19.183 ug/l
 RT: 5.036 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN078385.D
 Acq: 23 Jun 2023 18:03

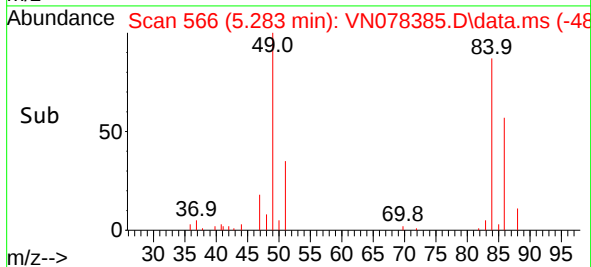
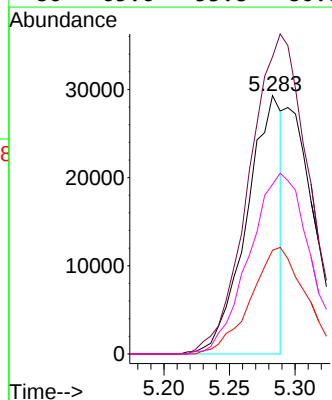
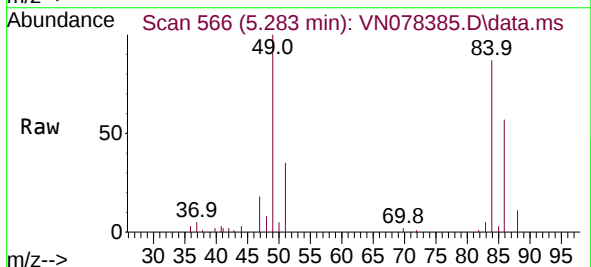
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

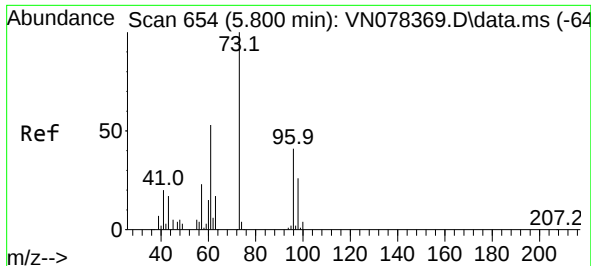
Tgt Ion:	41	Resp:	103706
Ion	Ratio	Lower	Upper
41	100		
39	73.7	37.6	112.8
76	44.8	23.8	71.4



#18
 Methylene Chloride
 Concen: 10.687 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.006 min
 Lab File: VN078385.D
 Acq: 23 Jun 2023 18:03

Tgt Ion:	84	Resp:	54585
Ion	Ratio	Lower	Upper
84	100		
49	115.0	88.1	132.1
51	40.1	24.0	36.0
86	65.6	53.8	80.8

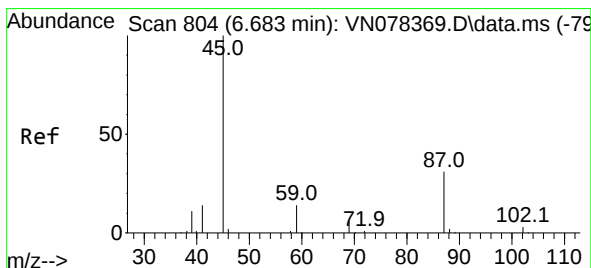
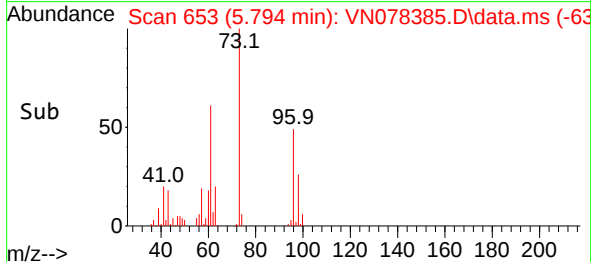
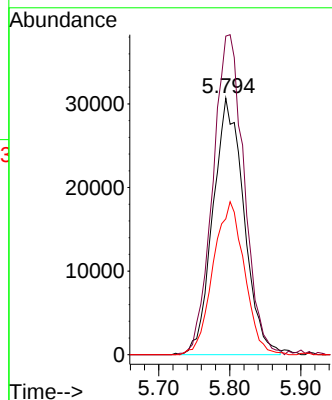
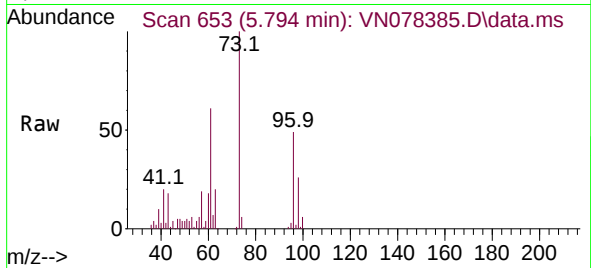




#19
trans-1,2-Dichloroethene
Concen: 19.518 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

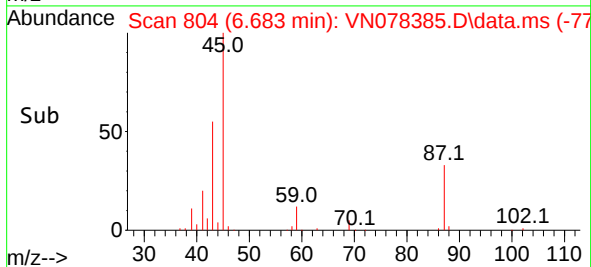
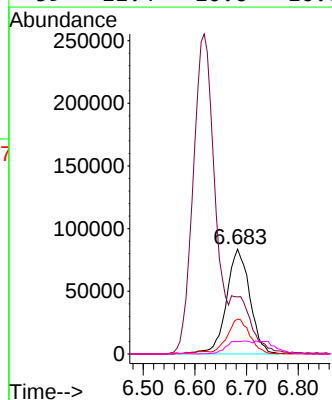
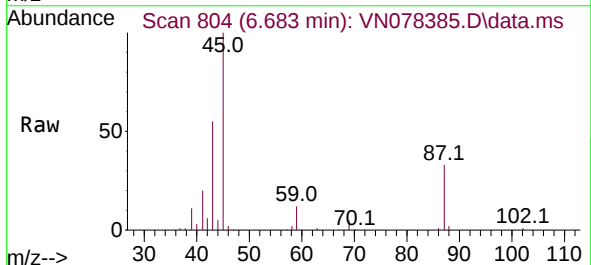
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

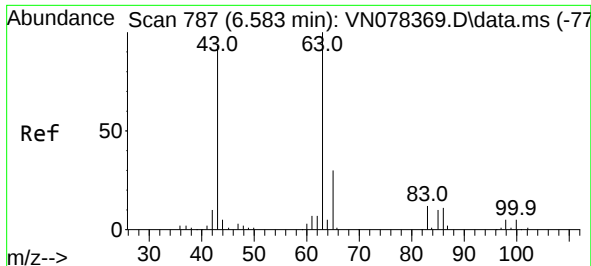
Tgt Ion: 96 Resp: 92843
Ion Ratio Lower Upper
96 100
61 123.7 105.2 157.8
98 53.0 50.5 75.7



#20
Diisopropyl ether
Concen: 20.201 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 45 Resp: 262324
Ion Ratio Lower Upper
45 100
43 51.6 43.6 65.4
87 32.8 25.8 38.6
59 11.4 10.6 16.0





#21

1,1-Dichloroethane

Concen: 19.524 ug/l

RT: 6.577 min Scan# 786

Delta R.T. -0.006 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

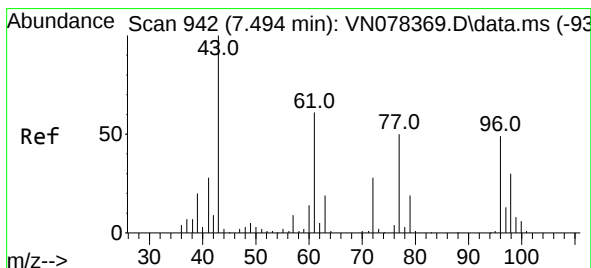
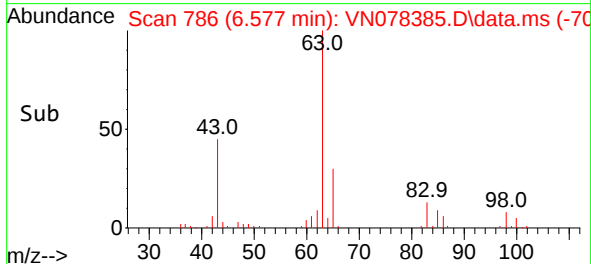
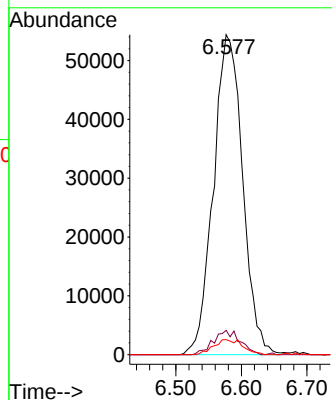
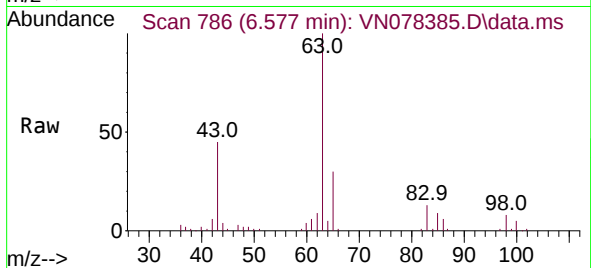
Tgt Ion: 63 Resp: 168167

Ion Ratio Lower Upper

63 100

98 7.6 2.7 8.1

100 4.7 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 19.893 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

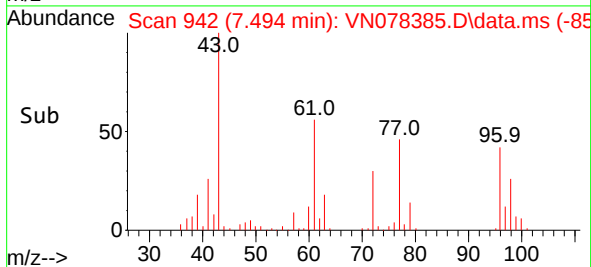
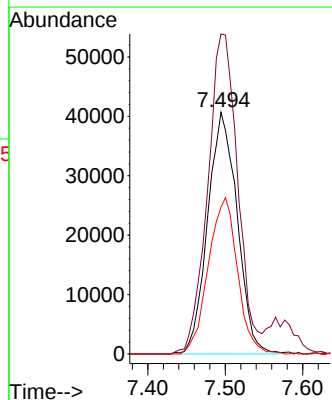
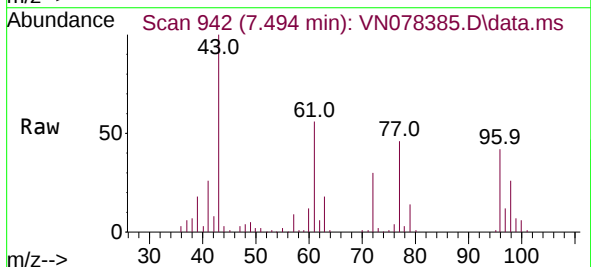
Tgt Ion: 96 Resp: 107648

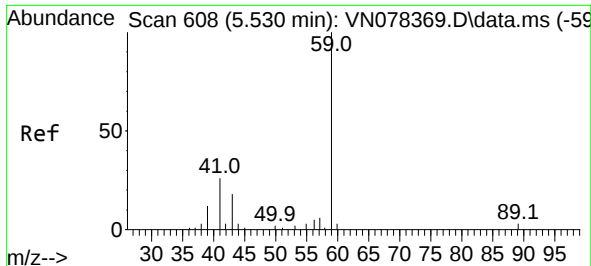
Ion Ratio Lower Upper

96 100

61 135.0 113.8 170.6

98 63.6 52.2 78.4

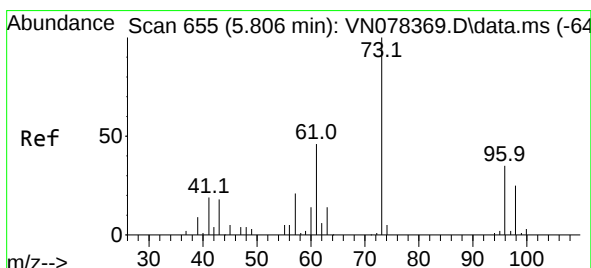
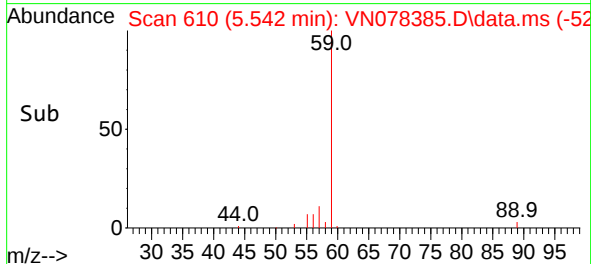
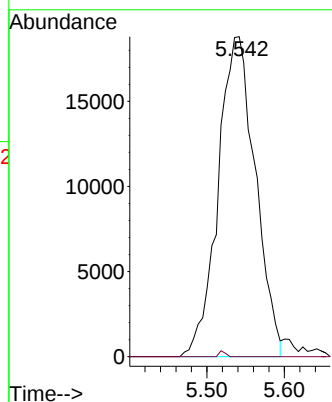
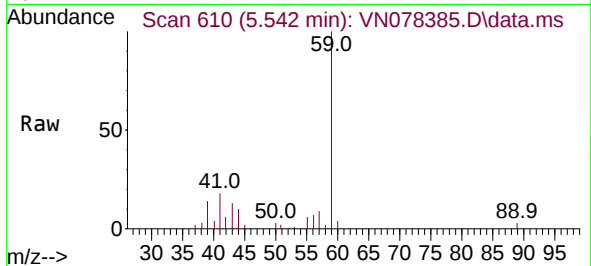




#23
tert-Butyl Alcohol
Concen: 92.978 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

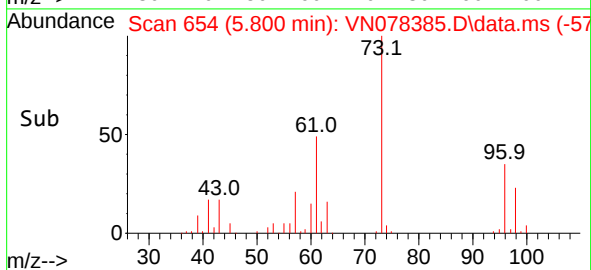
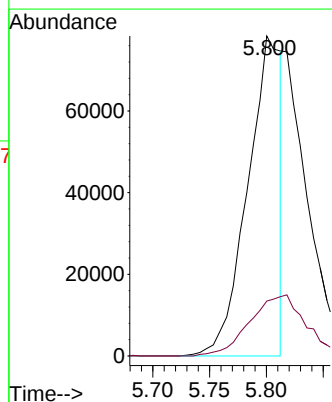
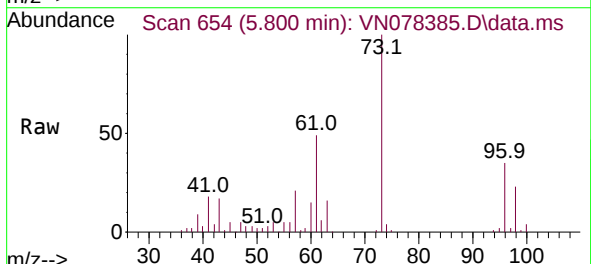
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

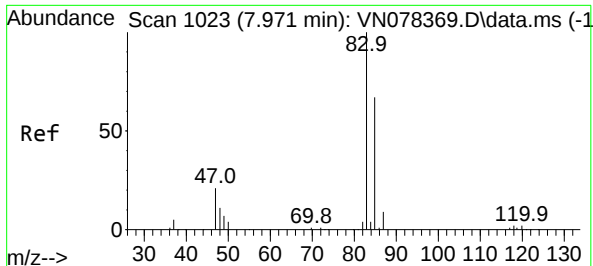
Tgt Ion: 59 Resp: 62914
Ion Ratio Lower Upper
59 100
52 0.3 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 11.732 ug/l
RT: 5.800 min Scan# 654
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 73 Resp: 159437
Ion Ratio Lower Upper
73 100
43 32.1 14.5 21.7#





#25

Chloroform

Concen: 20.295 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

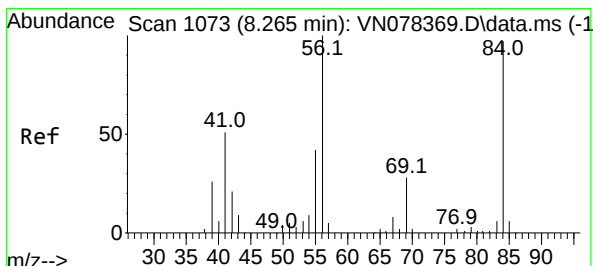
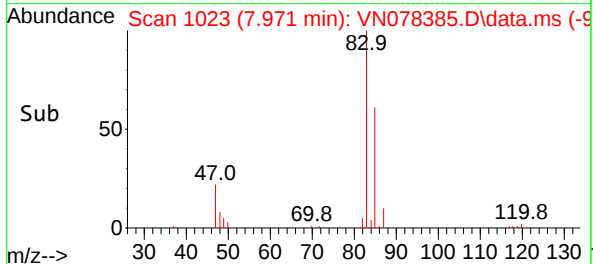
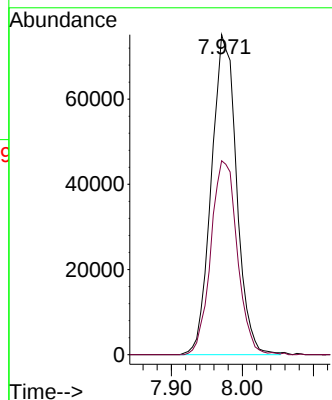
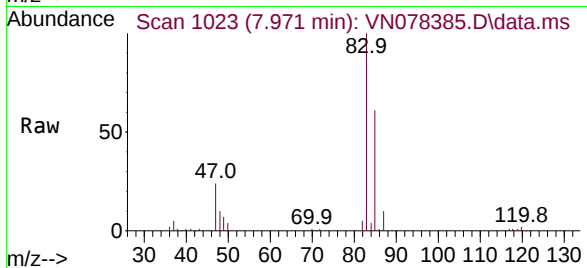
VSTDCCC020EC

Tgt Ion: 83 Resp: 184744

Ion Ratio Lower Upper

83 100

85 60.6 53.4 80.0



#26

Cyclohexane

Concen: 19.011 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

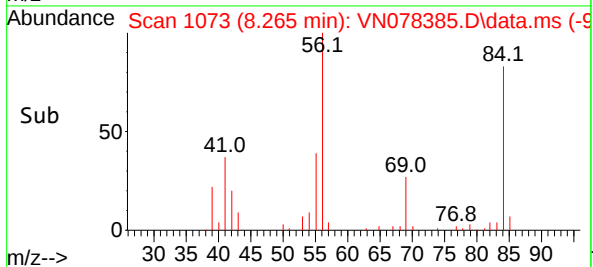
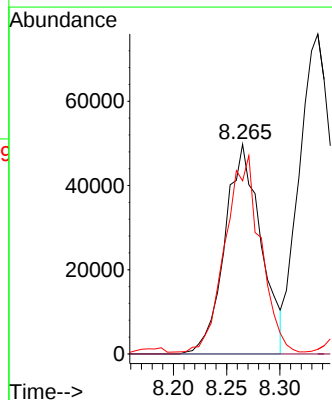
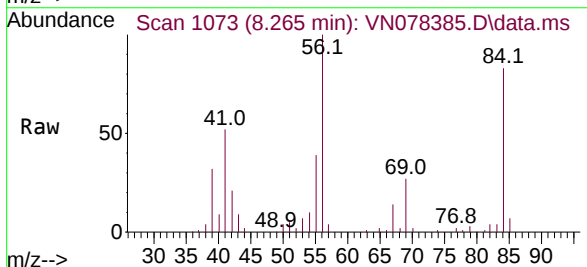
Tgt Ion: 56 Resp: 117193

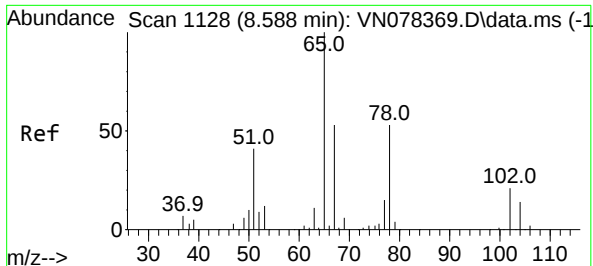
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 93.9 74.2 111.4





#27

1,2-Dichloroethane-d4

Concen: 30.075 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

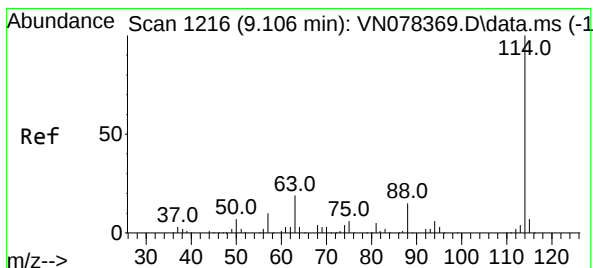
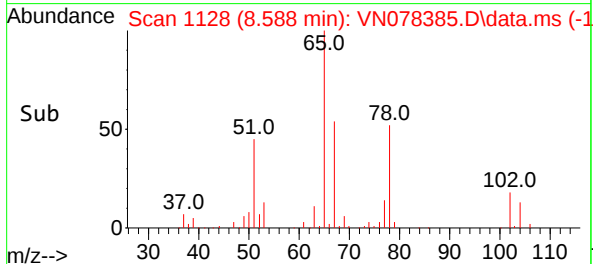
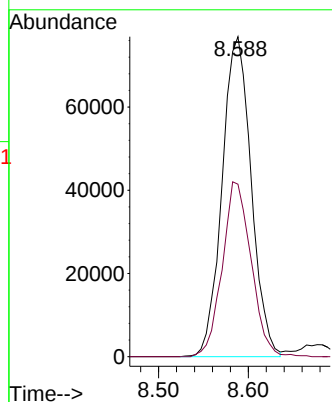
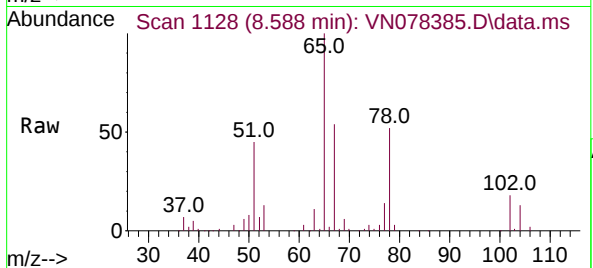
VSTDCCC020EC

Tgt Ion: 65 Resp: 173187

Ion Ratio Lower Upper

65 100

67 54.0 42.9 64.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

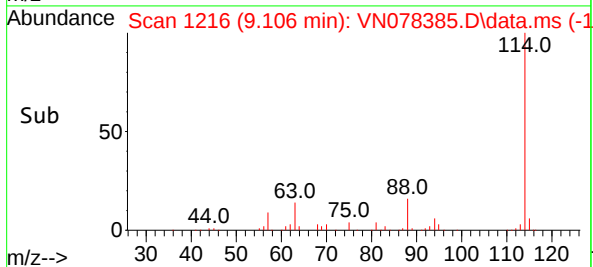
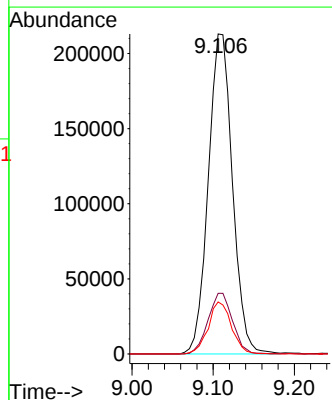
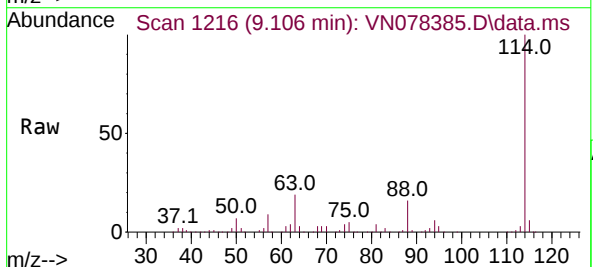
Tgt Ion: 114 Resp: 440525

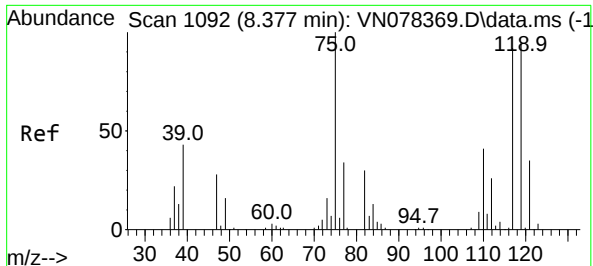
Ion Ratio Lower Upper

114 100

63 19.1 15.2 22.8

88 15.7 12.5 18.7





#29

1,1-Dichloropropene

Concen: 18.654 ug/l

RT: 8.383 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

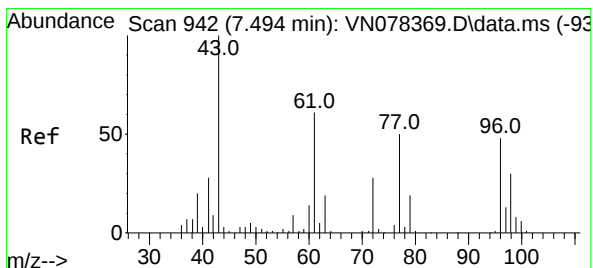
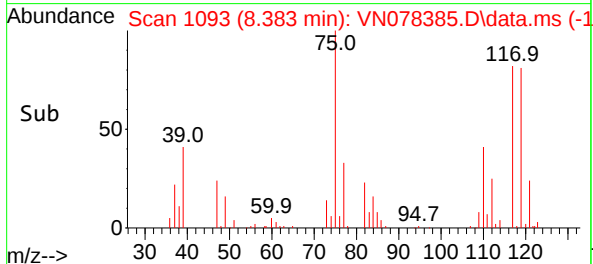
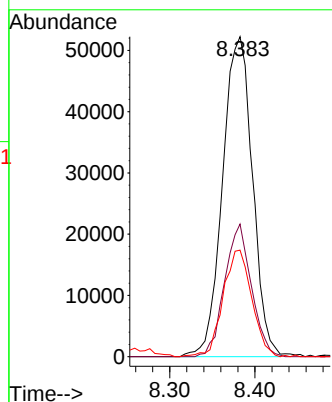
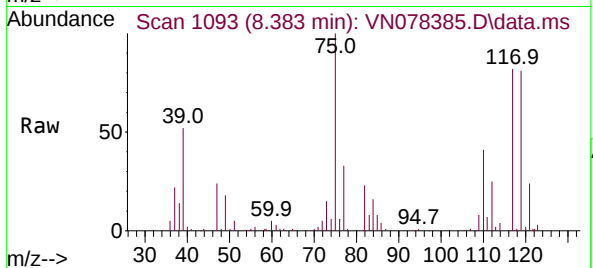
Tgt Ion: 75 Resp: 127388

Ion Ratio Lower Upper

75 100

110 37.0 0.0 72.2

77 31.4 0.0 62.8



#30

2-Butanone

Concen: 100.184 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

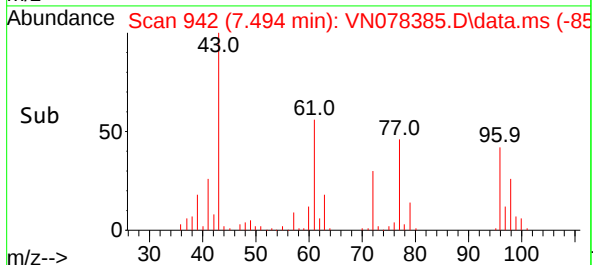
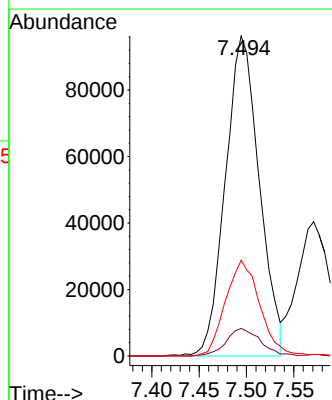
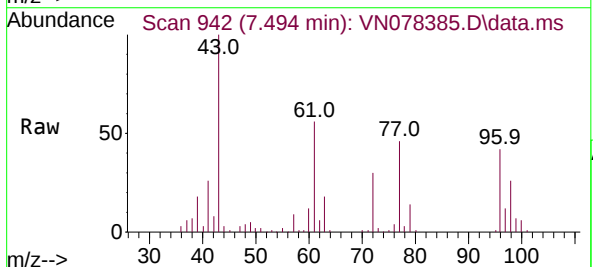
Tgt Ion: 43 Resp: 239802

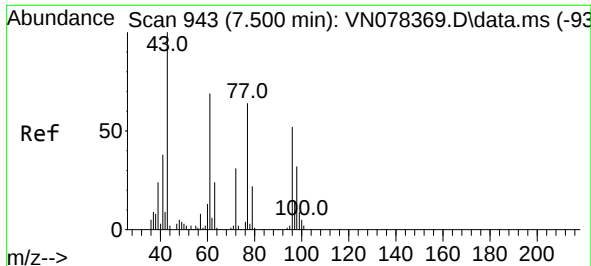
Ion Ratio Lower Upper

43 100

57 8.5 6.8 10.2

72 30.2 23.8 35.6





#31

2,2-Dichloropropane

Concen: 17.997 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.000 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

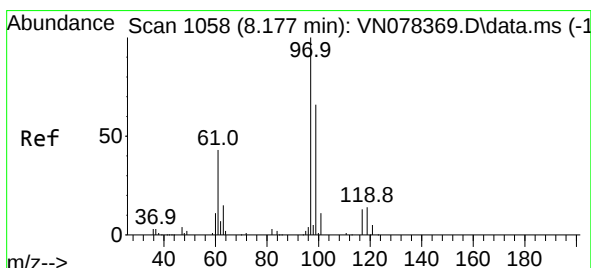
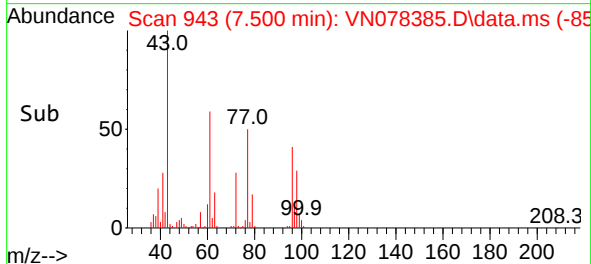
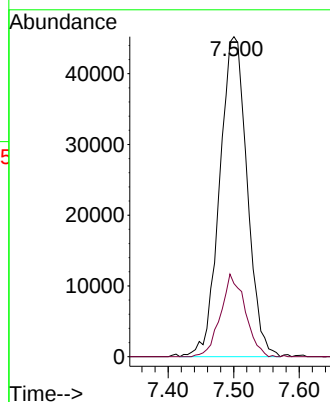
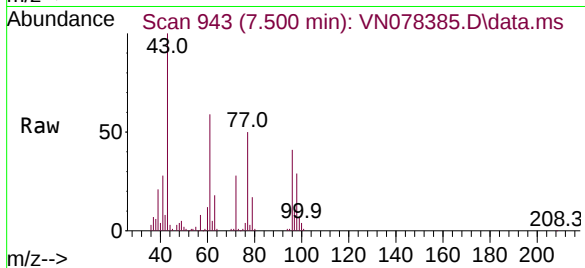
VSTDCCC020EC

Tgt Ion: 77 Resp: 131404

Ion Ratio Lower Upper

77 100

97 23.1 18.8 28.2



#32

1,1,1-Trichloroethane

Concen: 19.364 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

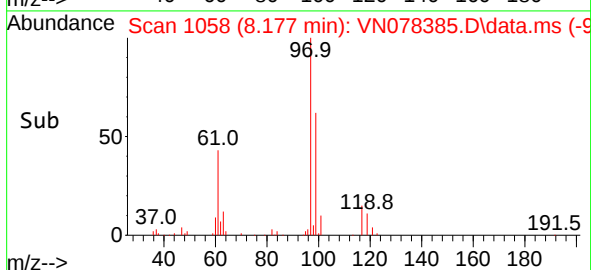
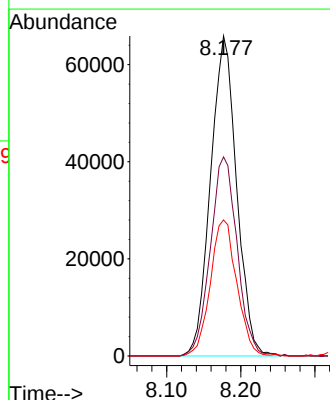
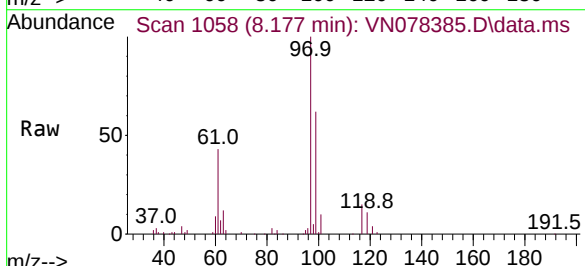
Tgt Ion: 97 Resp: 161127

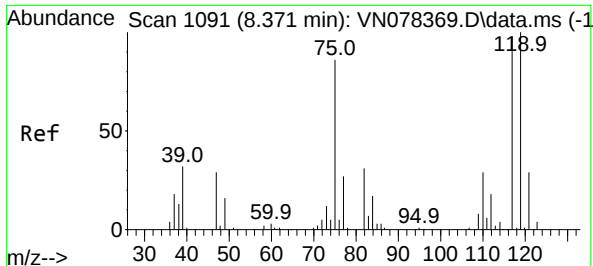
Ion Ratio Lower Upper

97 100

99 63.8 51.3 76.9

61 43.0 34.6 52.0

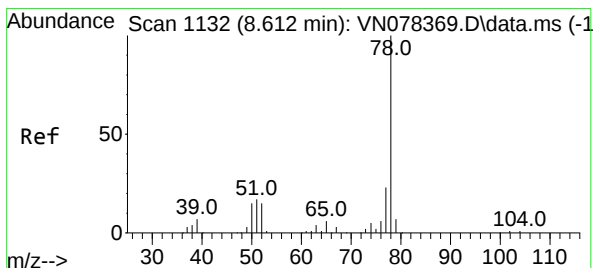
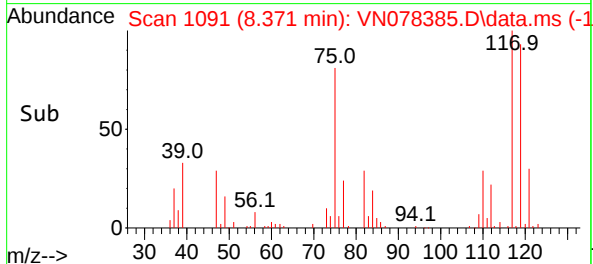
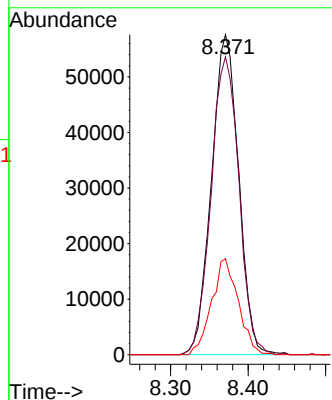
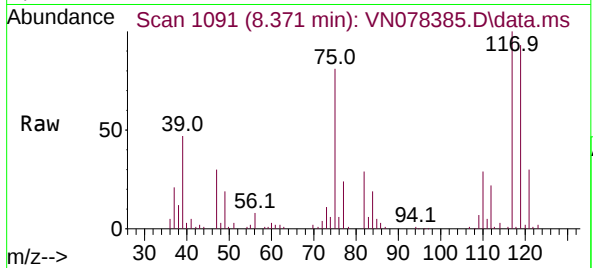




#33
Carbon Tetrachloride
Concen: 19.352 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

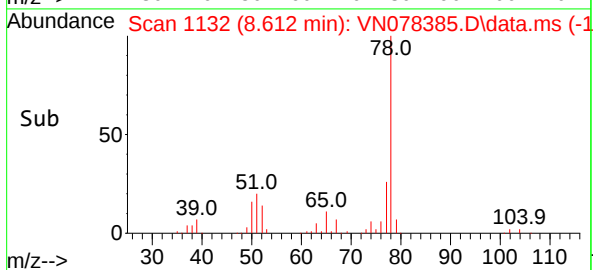
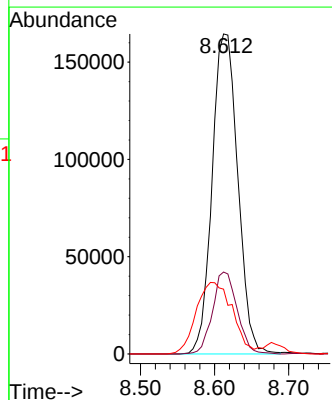
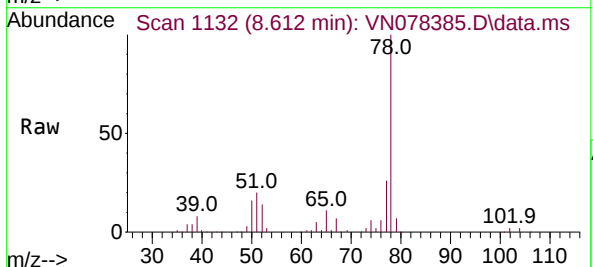
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

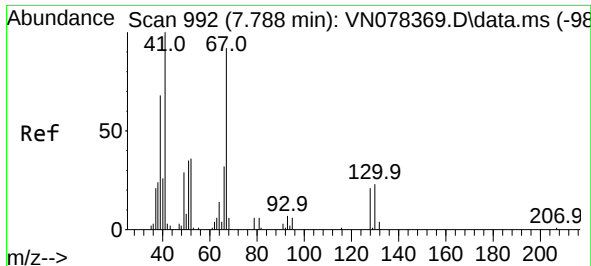
Tgt Ion:117 Resp: 140400
Ion Ratio Lower Upper
117 100
119 93.1 81.4 122.0
121 30.0 23.6 35.4



#34
Benzene
Concen: 19.431 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 78 Resp: 395697
Ion Ratio Lower Upper
78 100
77 25.6 18.3 27.5
51 18.8 13.7 20.5



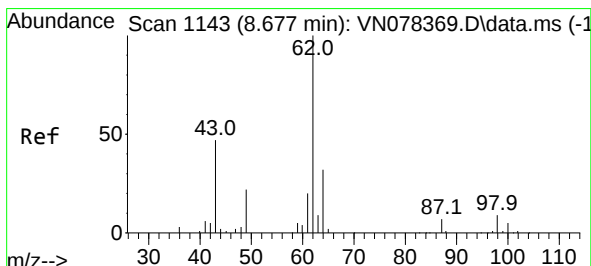
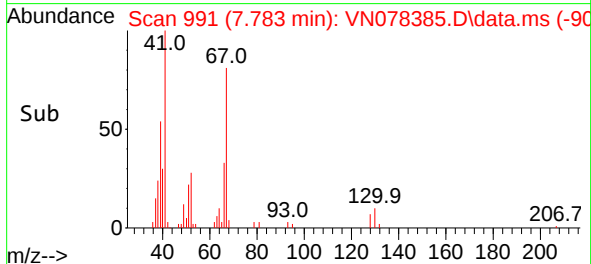
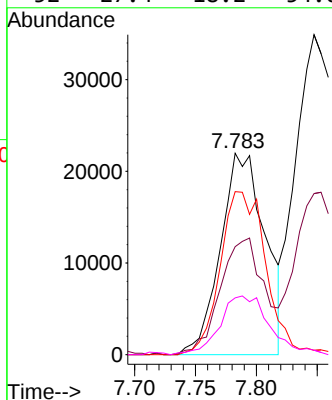
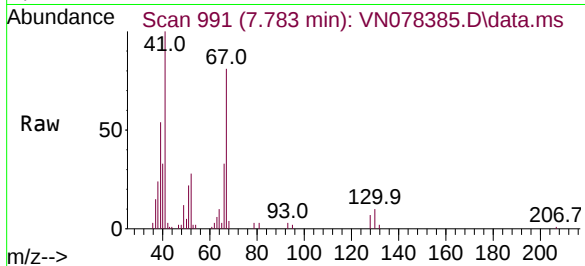


#35
Methacrylonitrile
Concen: 20.462 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 41 Resp: 56153

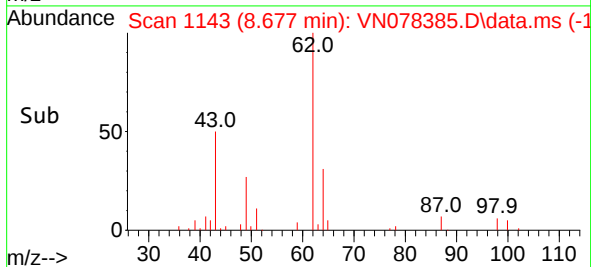
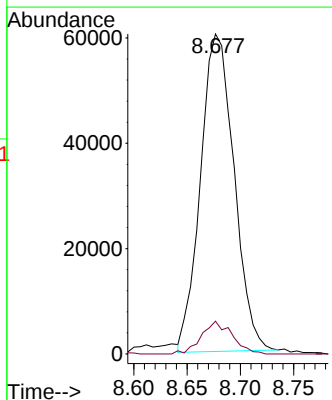
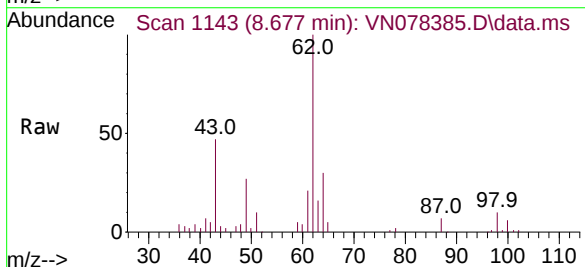
Ion	Ratio	Lower	Upper
41	100		
39	52.9	33.9	101.6
67	81.0	45.9	137.6
52	27.4	18.2	54.6

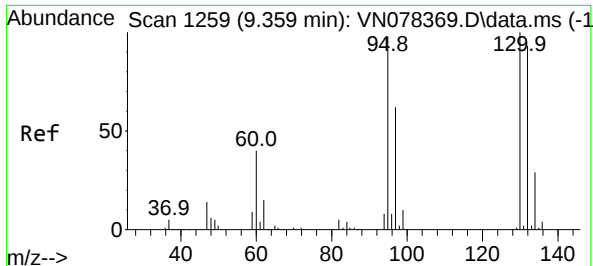


#36
1,2-Dichloroethane
Concen: 19.033 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 62 Resp: 132142

Ion	Ratio	Lower	Upper
62	100		
98	9.3	7.4	11.0





#37

Trichloroethene

Concen: 19.113 ug/l

RT: 9.365 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

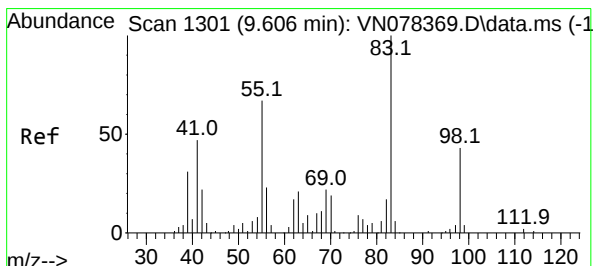
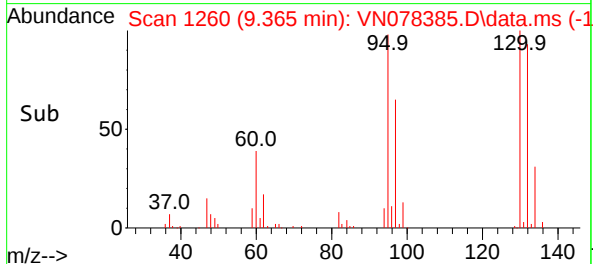
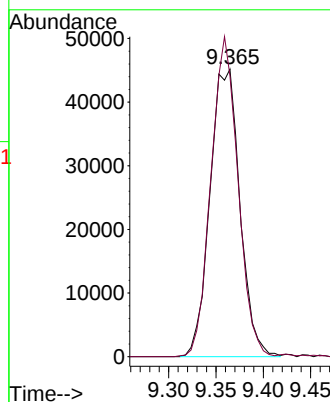
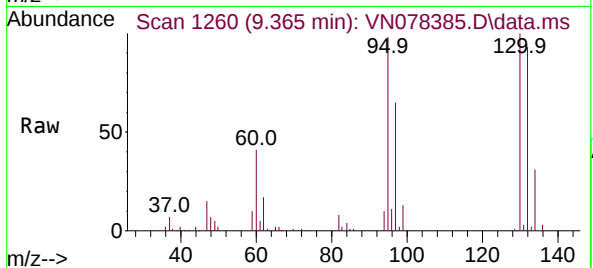
VSTDCCC020EC

Tgt Ion:130 Resp: 99441

Ion Ratio Lower Upper

130 100

95 97.3 78.2 117.4



#38

Methylcyclohexane

Concen: 18.356 ug/l

RT: 9.612 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

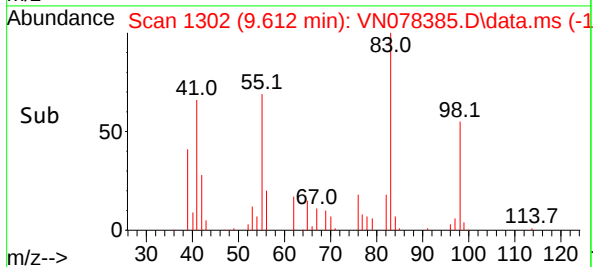
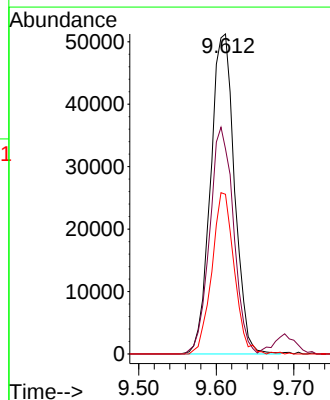
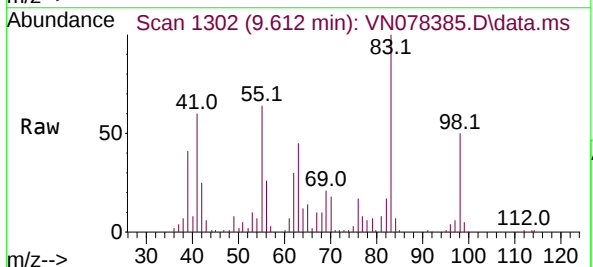
Tgt Ion: 83 Resp: 110128

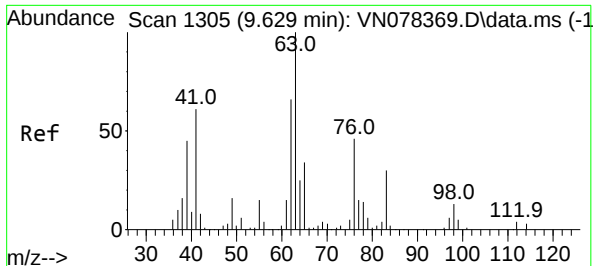
Ion Ratio Lower Upper

83 100

55 70.4 34.0 102.0

98 46.9 23.0 69.0





#39

1,2-Dichloropropane

Concen: 19.492 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

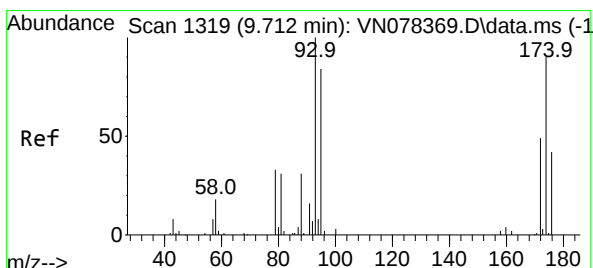
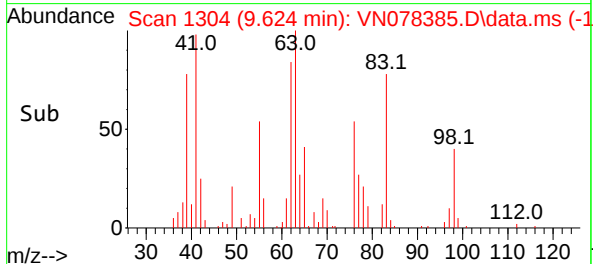
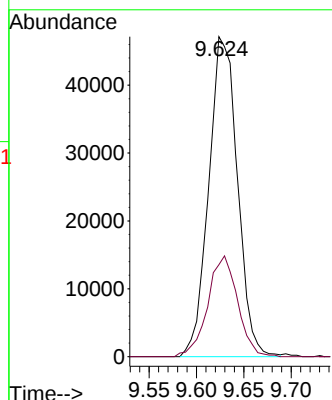
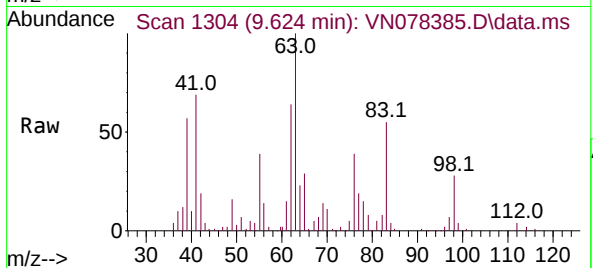
VSTDCCC020EC

Tgt Ion: 63 Resp: 99430

Ion Ratio Lower Upper

63 100

65 28.7 27.4 41.2



#40

Dibromomethane

Concen: 19.531 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

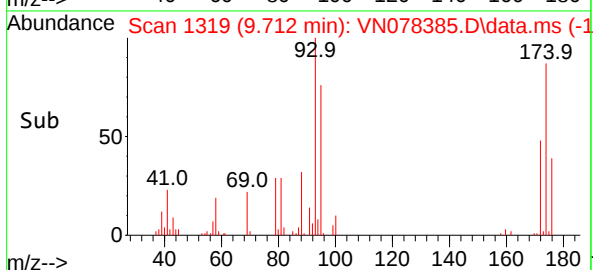
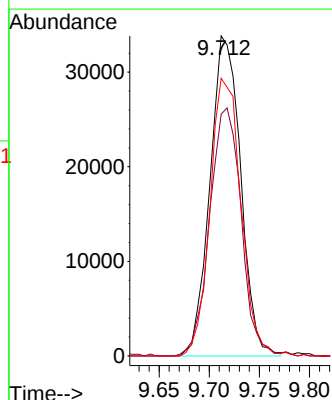
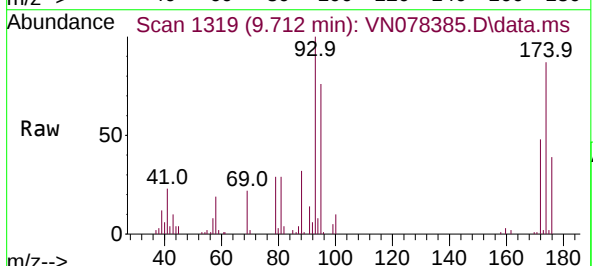
Tgt Ion: 93 Resp: 71895

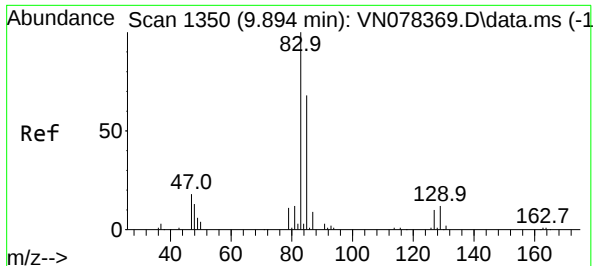
Ion Ratio Lower Upper

93 100

95 79.6 0.0 167.8

174 87.1 0.0 180.8

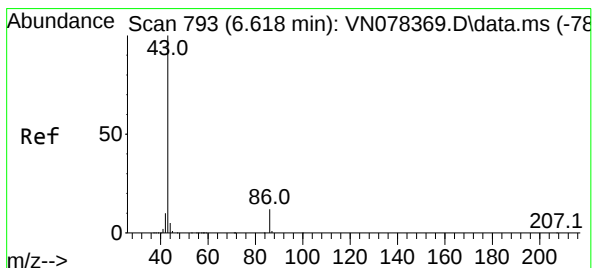
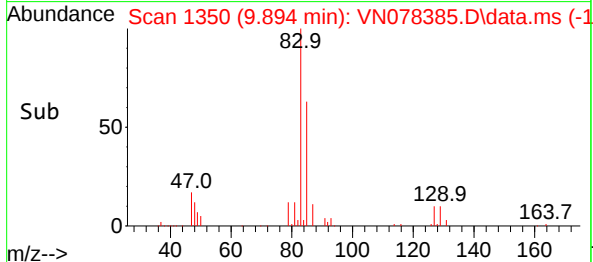
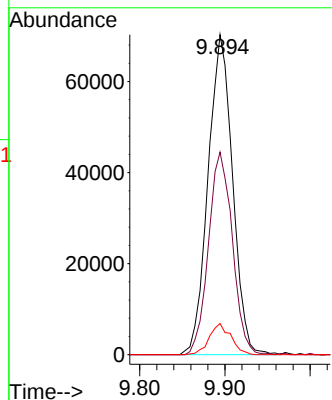
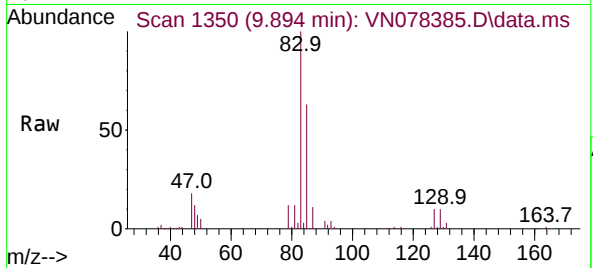




#41
Bromodichloromethane
Concen: 19.642 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

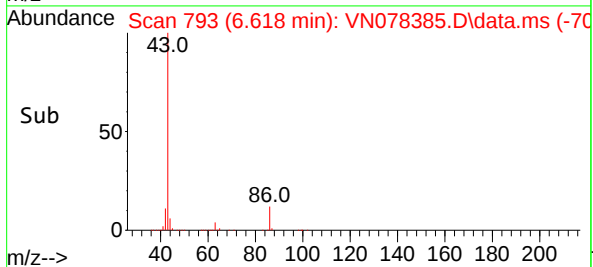
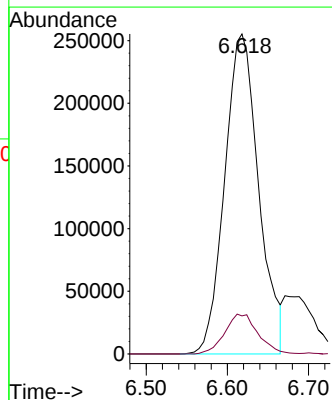
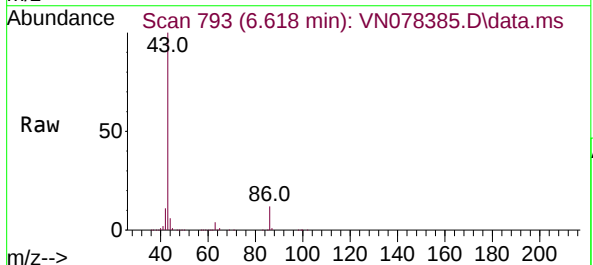
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

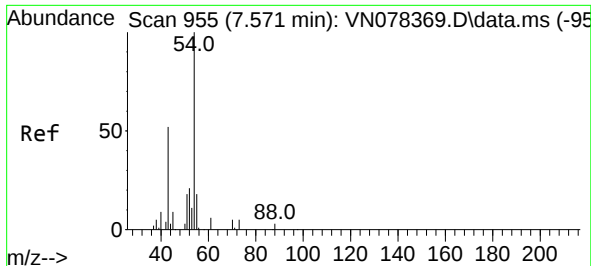
Tgt Ion: 83 Resp: 140460
Ion Ratio Lower Upper
83 100
85 63.3 54.1 81.1
127 9.7 7.8 11.6



#42
Vinyl Acetate
Concen: 97.492 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 43 Resp: 743380
Ion Ratio Lower Upper
43 100
86 12.2 9.4 14.0

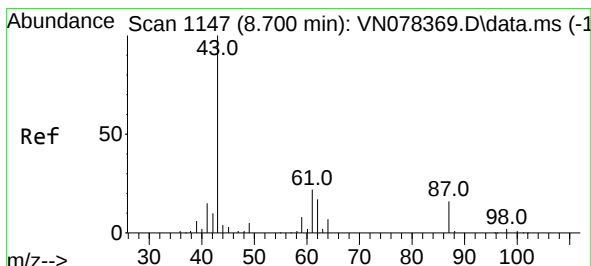
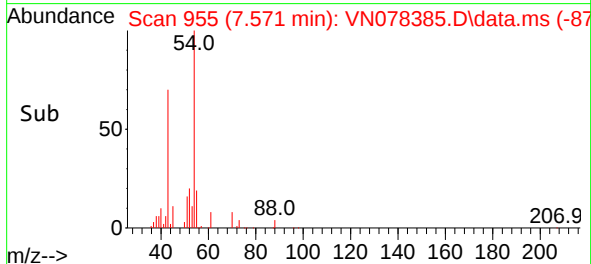
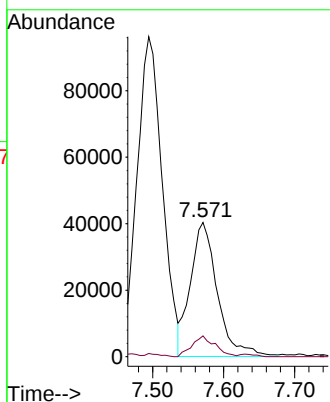
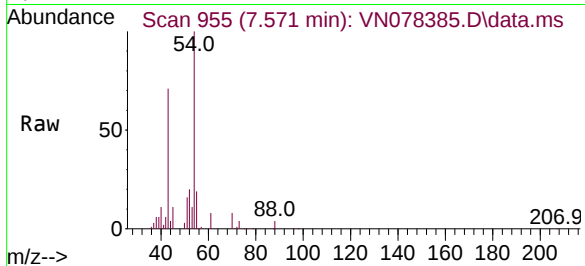




#43
Ethyl Acetate
Concen: 21.154 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

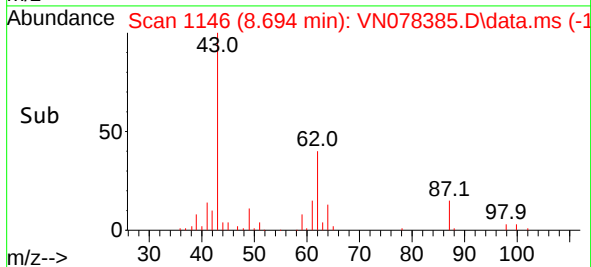
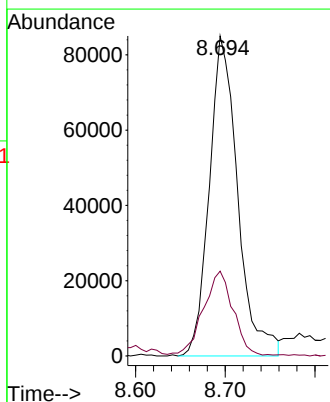
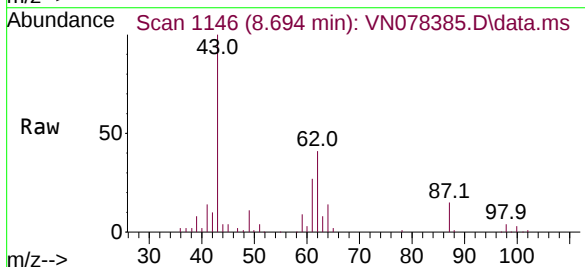
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

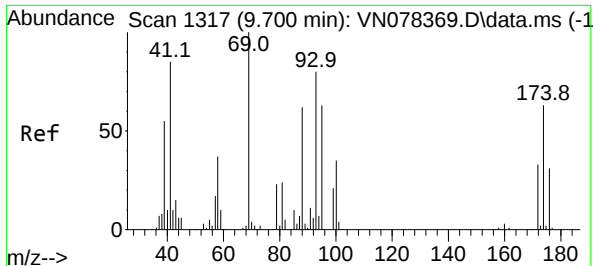
Tgt Ion: 43 Resp: 106613
Ion Ratio Lower Upper
43 100
45 13.2 10.9 16.3



#44
Isopropyl Acetate
Concen: 20.533 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 43 Resp: 186910
Ion Ratio Lower Upper
43 100
61 27.7 23.0 34.6

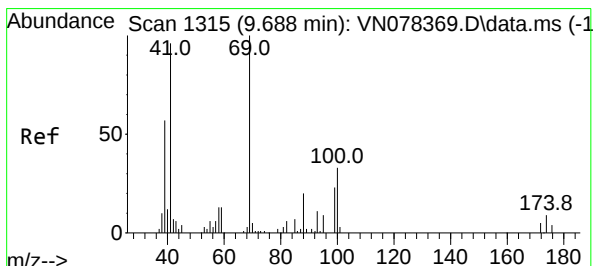
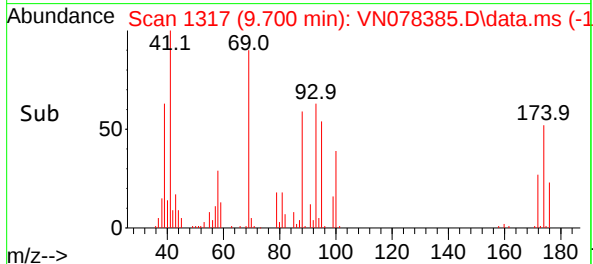
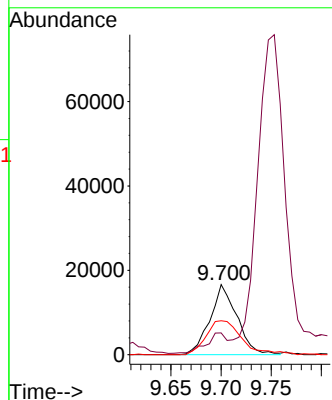
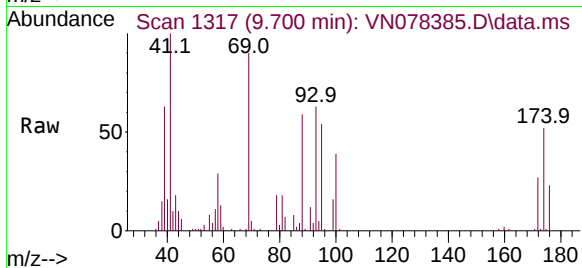




#45
1,4-Dioxane
Concen: 388.319 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

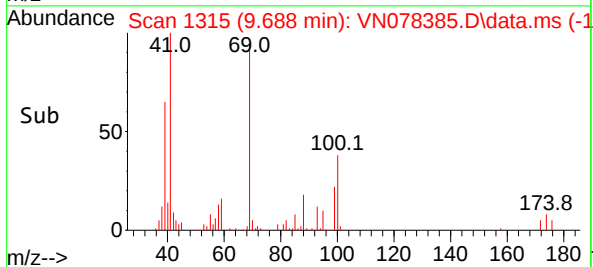
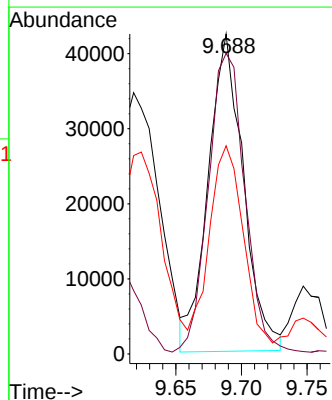
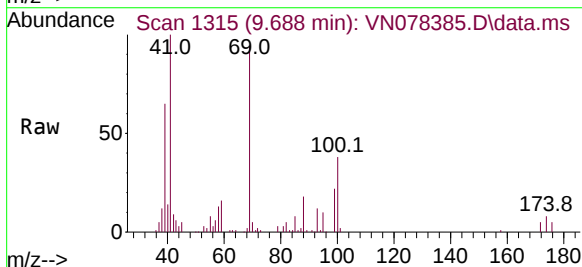
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

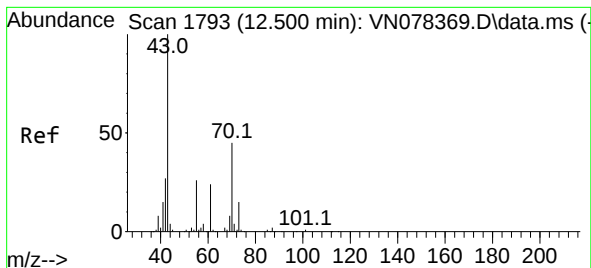
Tgt Ion: 88 Resp: 31185
Ion Ratio Lower Upper
88 100
43 9.2 19.0 28.6#
58 63.8 48.2 72.2



#46
Methyl methacrylate
Concen: 19.460 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 41 Resp: 78854
Ion Ratio Lower Upper
41 100
69 97.8 49.0 147.0
39 63.6 31.6 94.8





#47

n-amy1 Acetate

Concen: 19.880 ug/l

RT: 12.500 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

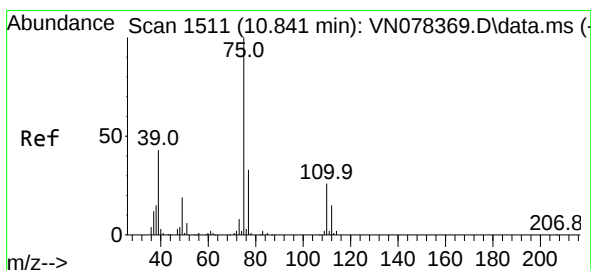
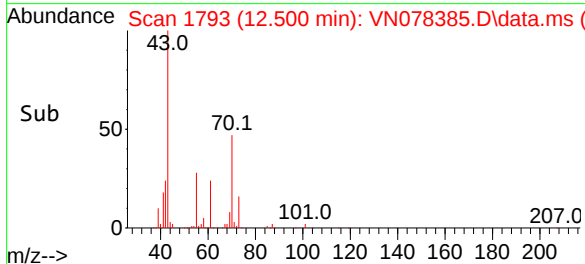
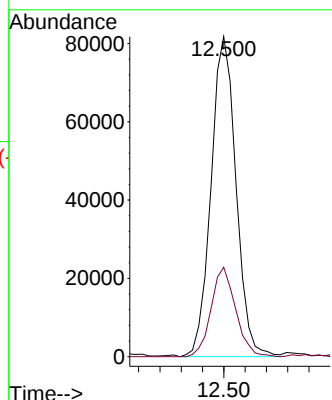
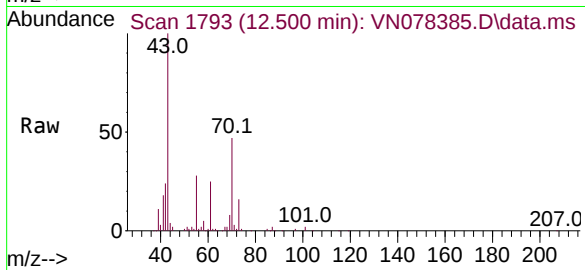
VSTDCCC020EC

Tgt Ion: 43 Resp: 133025

Ion Ratio Lower Upper

43 100

55 27.5 21.5 32.3



#48

t-1,3-Dichloropropene

Concen: 18.858 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VN078385.D

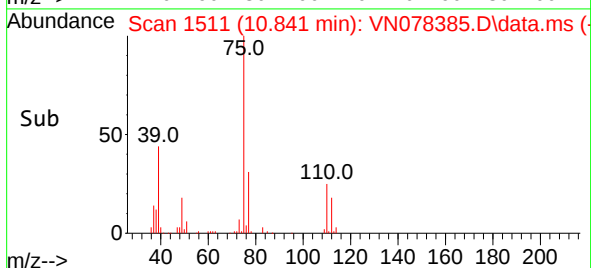
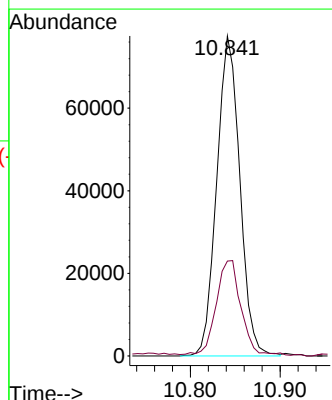
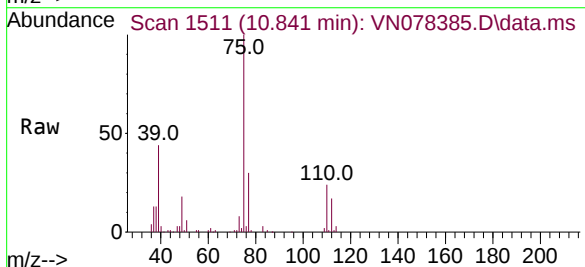
Acq: 23 Jun 2023 18:03

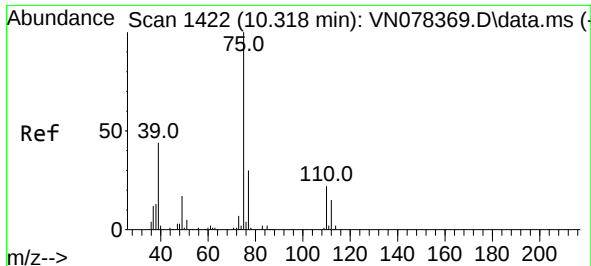
Tgt Ion: 75 Resp: 138442

Ion Ratio Lower Upper

75 100

77 29.2 26.1 39.1





#49

cis-1,3-Dichloropropene

Concen: 18.955 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

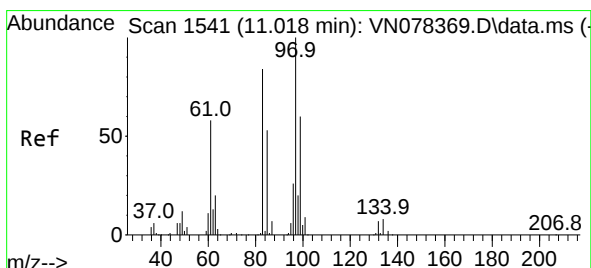
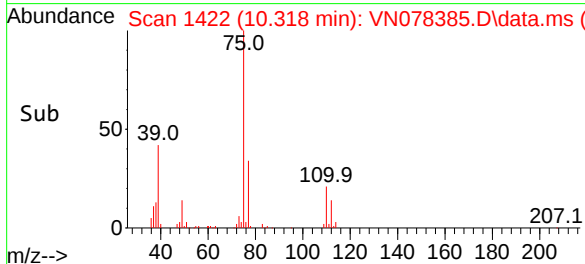
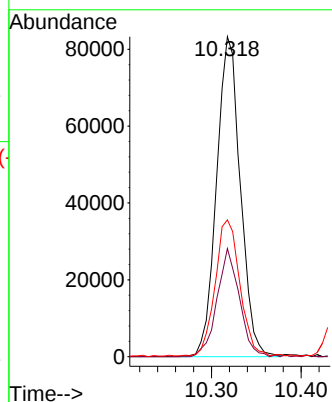
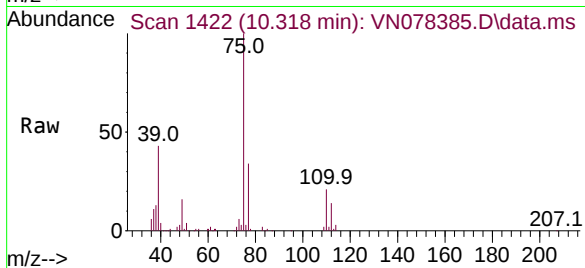
Tgt Ion: 75 Resp: 153374

Ion Ratio Lower Upper

75 100

77 33.8 24.0 36.0

39 42.5 35.1 52.7



#50

1,1,2-Trichloroethane

Concen: 19.591 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.006 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Tgt Ion: 97 Resp: 96675

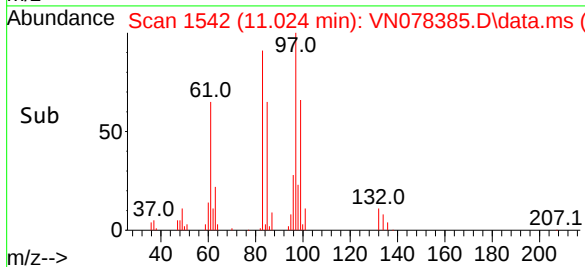
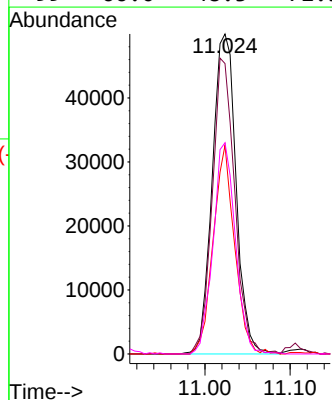
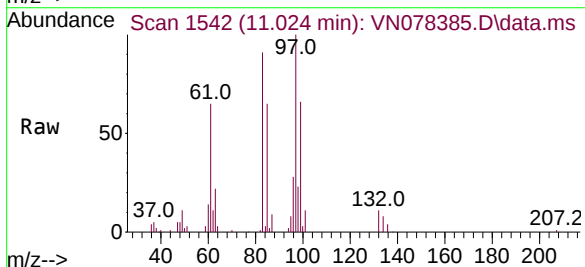
Ion Ratio Lower Upper

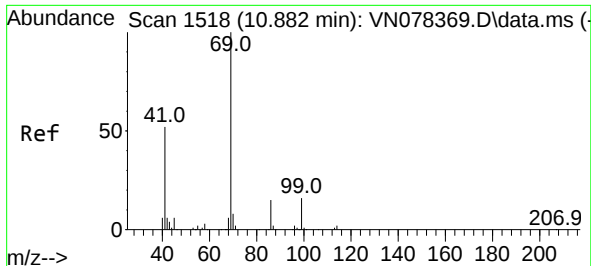
97 100

83 90.8 66.8 100.2

85 65.2 42.5 63.7#

99 66.0 48.3 72.5

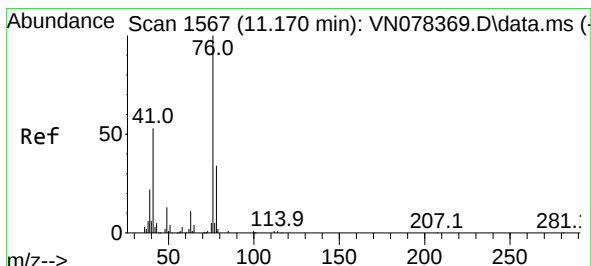
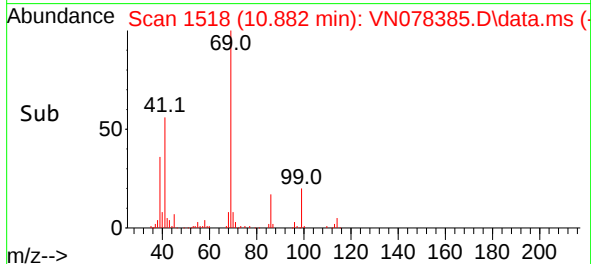
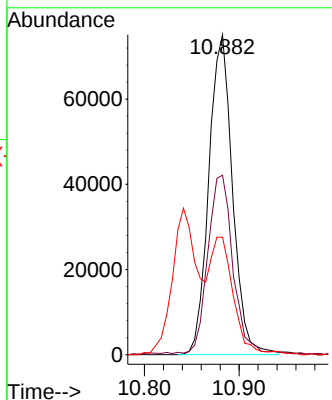
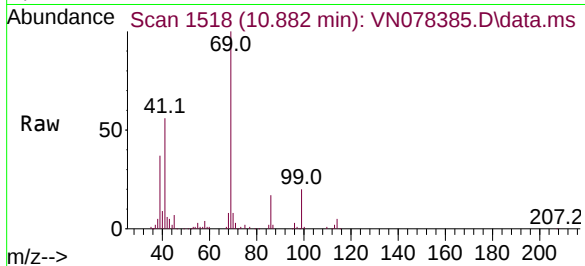




#51
Ethyl methacrylate
Concen: 19.384 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

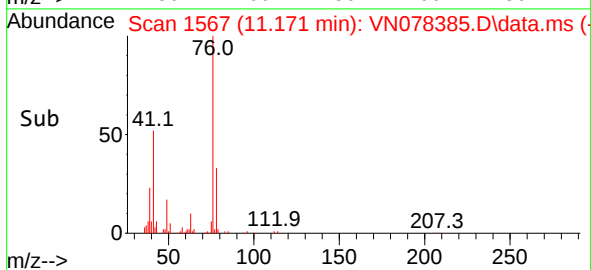
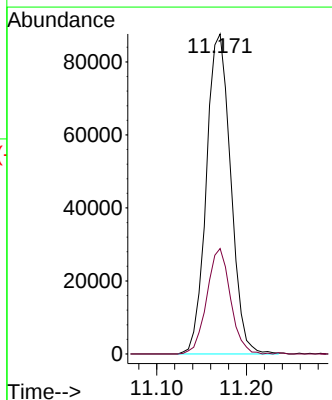
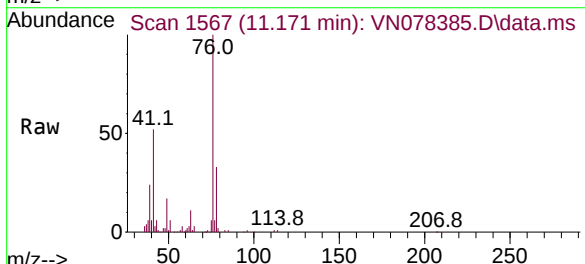
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

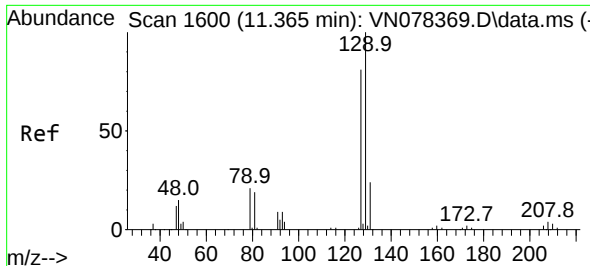
Tgt Ion: 69 Resp: 130853
Ion Ratio Lower Upper
69 100
41 55.3 26.0 78.0
39 35.6 16.3 48.9



#52
1,3-Dichloropropane
Concen: 19.917 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 76 Resp: 164957
Ion Ratio Lower Upper
76 100
78 32.0 0.0 66.2

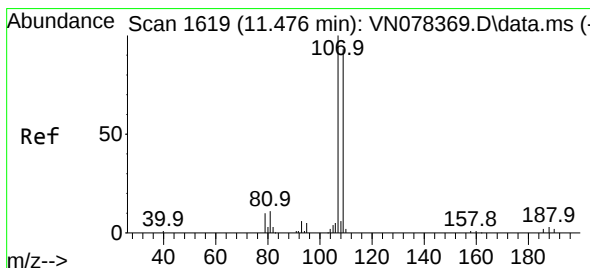
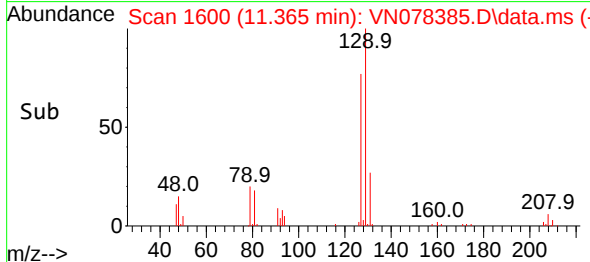
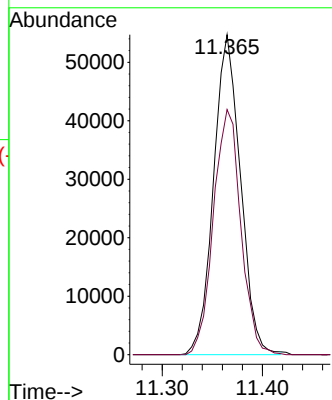
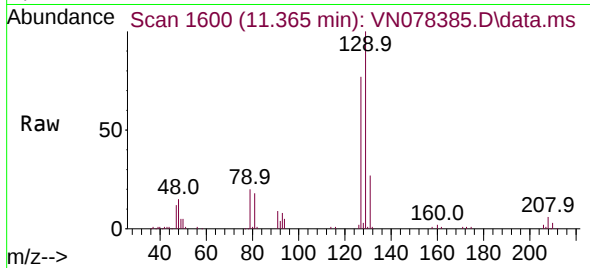




#53
Dibromochloromethane
Concen: 19.493 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

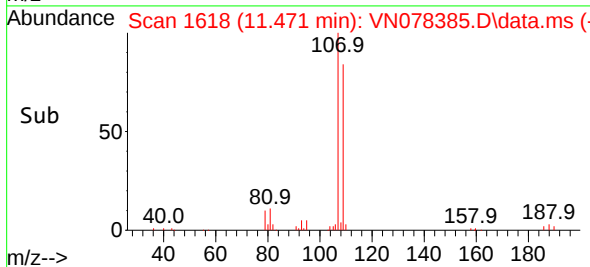
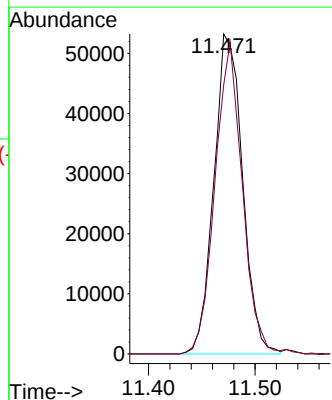
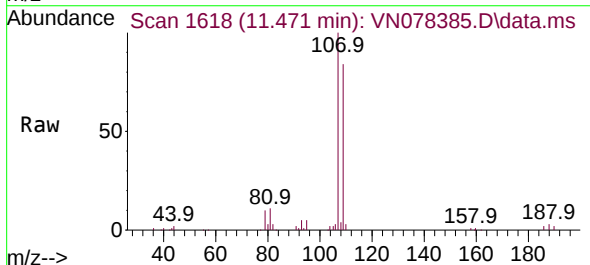
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

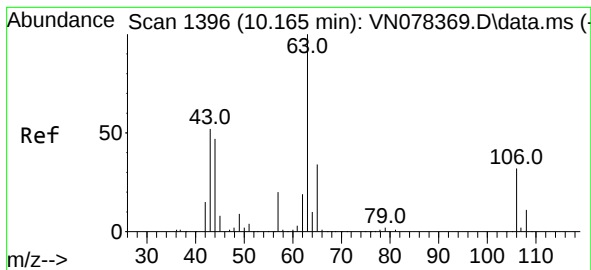
Tgt Ion:129 Resp: 102025
Ion Ratio Lower Upper
129 100
127 77.9 39.4 118.1



#54
1,2-Dibromoethane
Concen: 19.986 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion:107 Resp: 99404
Ion Ratio Lower Upper
107 100
109 92.5 74.6 112.0

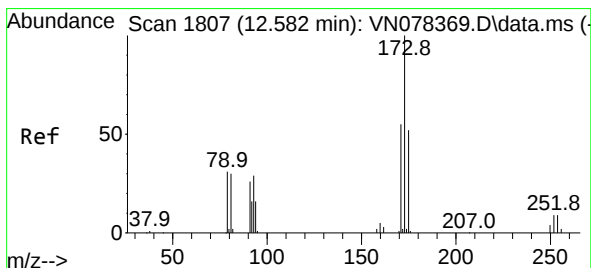
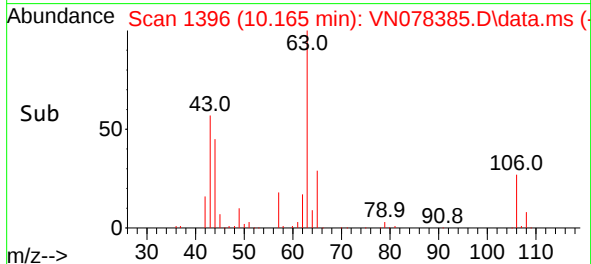
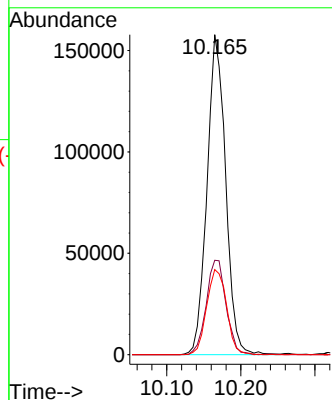
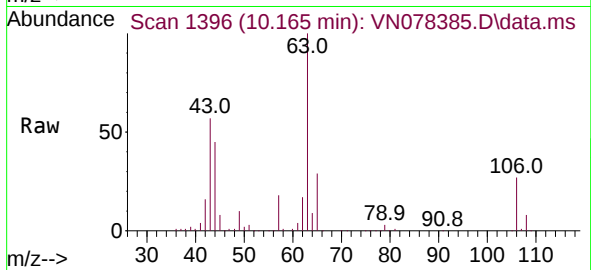




#55
2-Chloroethyl vinyl ether
Concen: 110.577 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

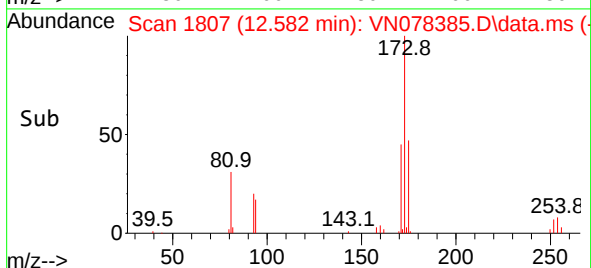
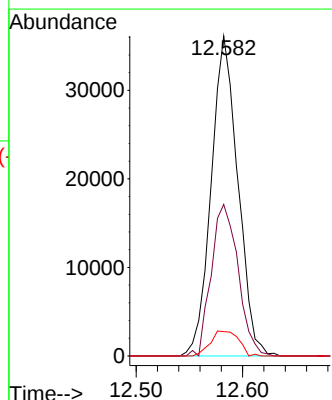
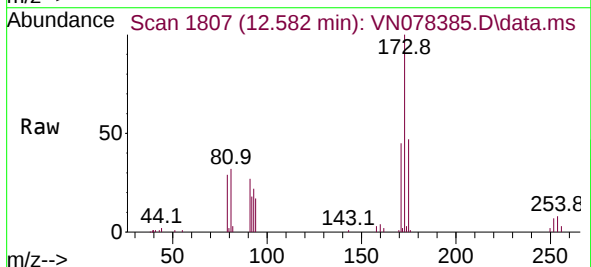
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

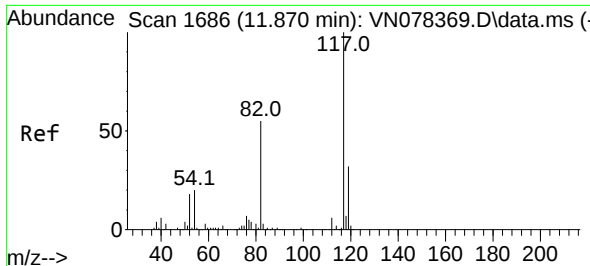
Tgt Ion: 63 Resp: 275393
Ion Ratio Lower Upper
63 100
65 31.4 26.3 39.5
106 28.4 23.8 35.6



#56
Bromoform
Concen: 19.624 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 173 Resp: 62873
Ion Ratio Lower Upper
173 100
175 47.3 40.7 61.1
254 8.1 6.5 9.7

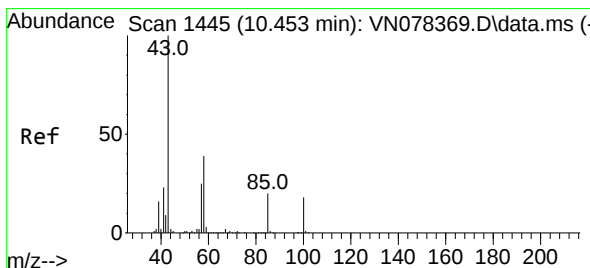
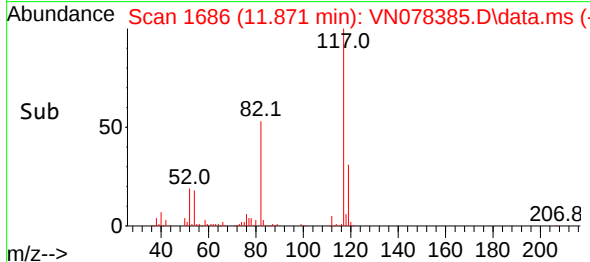
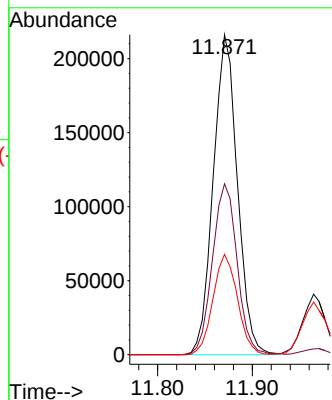
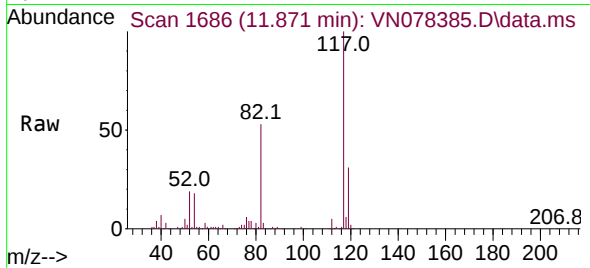




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

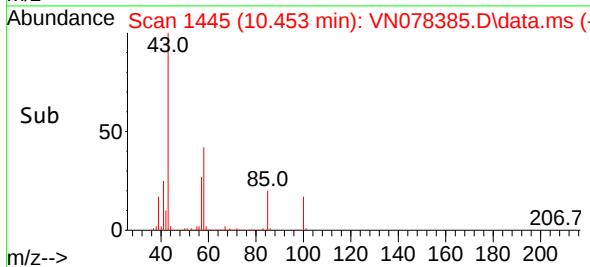
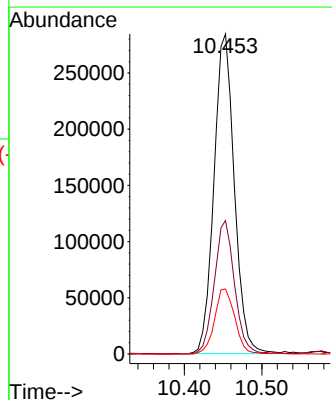
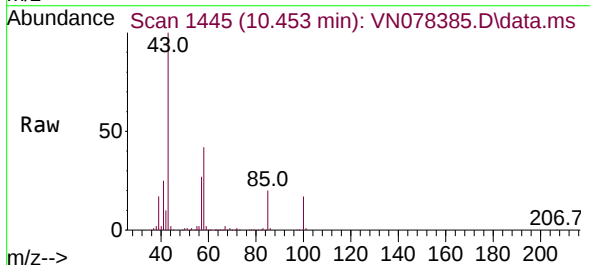
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

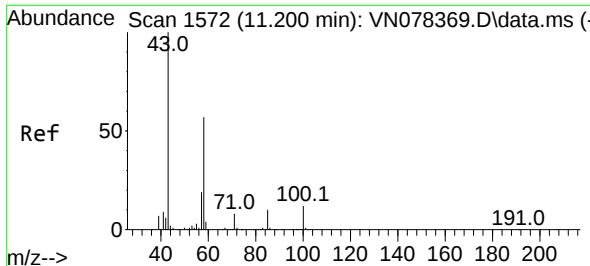
Tgt Ion:117 Resp: 382813
Ion Ratio Lower Upper
117 100
82 54.5 43.9 65.9
119 31.9 26.2 39.4



#58
4-Methyl-2-Pentanone
Concen: 101.690 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 43 Resp: 519851
Ion Ratio Lower Upper
43 100
58 41.4 32.6 48.8
85 20.2 16.2 24.2

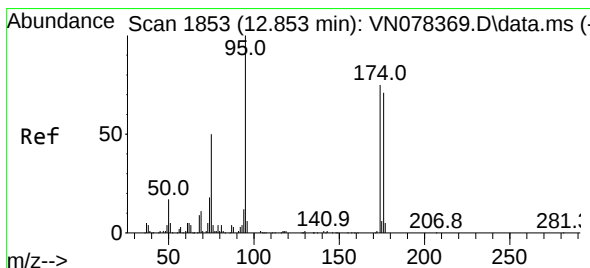
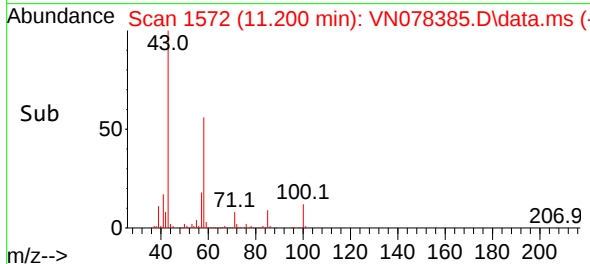
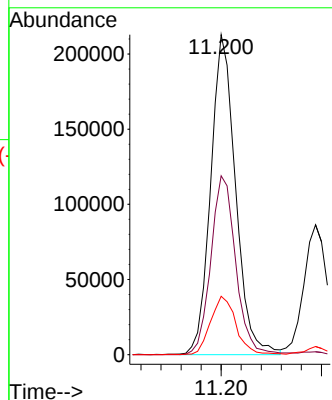
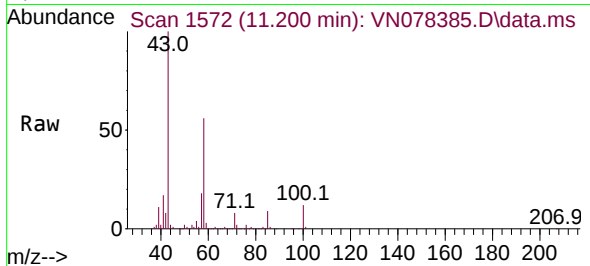




#59
2-Hexanone
Concen: 103.874 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

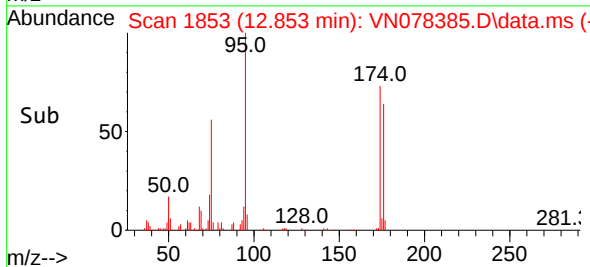
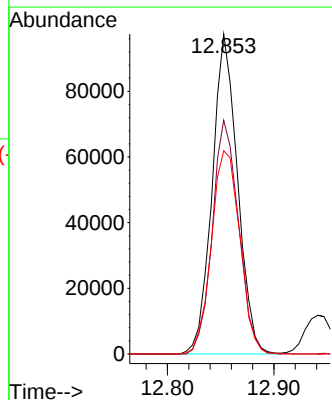
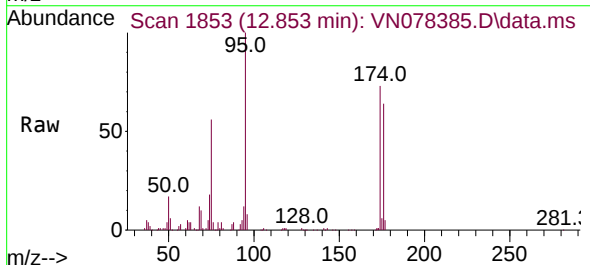
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

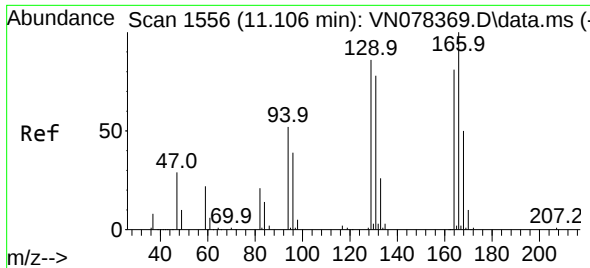
Tgt Ion: 43 Resp: 366737
Ion Ratio Lower Upper
43 100
58 55.8 45.9 68.9
57 18.7 15.8 23.6



#60
4-Bromofluorobenzene
Concen: 29.830 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 95 Resp: 160885
Ion Ratio Lower Upper
95 100
174 75.2 61.7 92.5
176 71.4 58.1 87.1

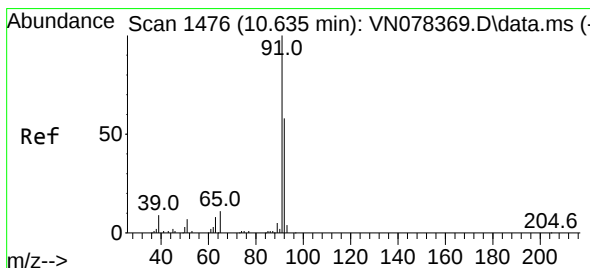
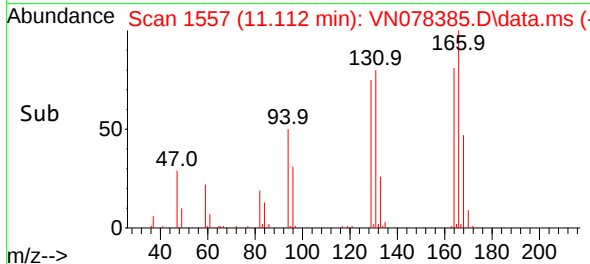
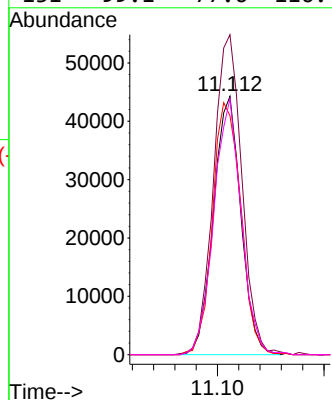
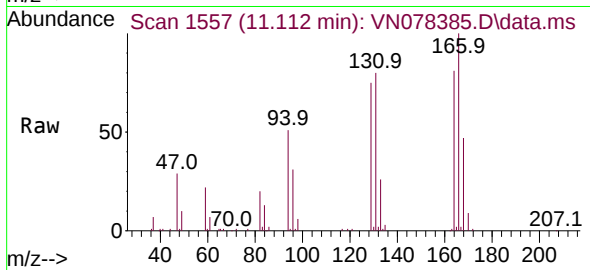




#61
Tetrachloroethene
Concen: 18.838 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

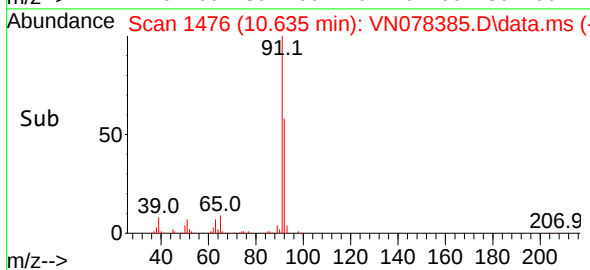
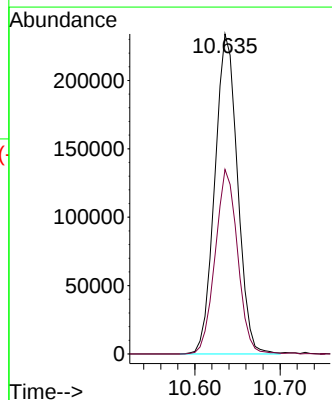
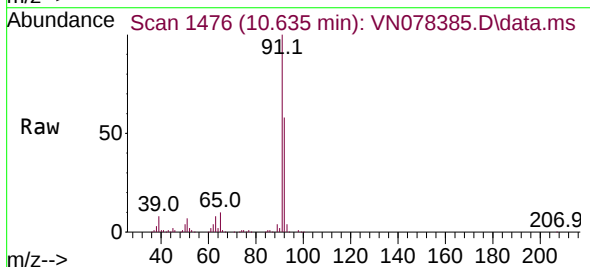
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

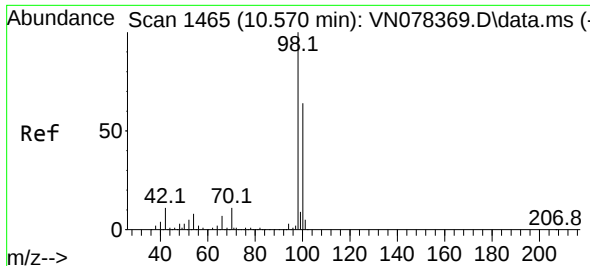
Tgt Ion:164 Resp: 79022
Ion Ratio Lower Upper
164 100
166 123.4 99.1 148.7
129 92.5 85.6 128.4
131 99.1 77.6 116.4



#62
Toluene
Concen: 19.435 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 91 Resp: 432997
Ion Ratio Lower Upper
91 100
92 57.0 45.2 67.8

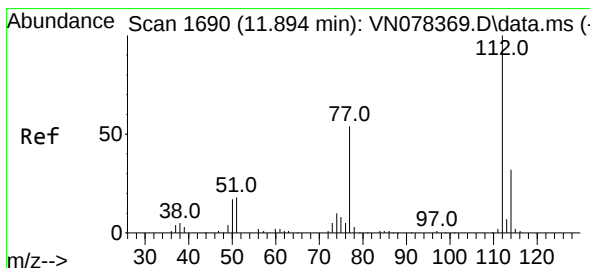
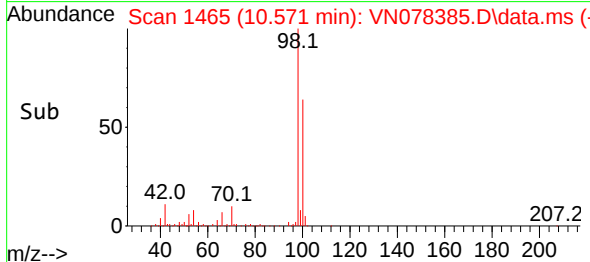
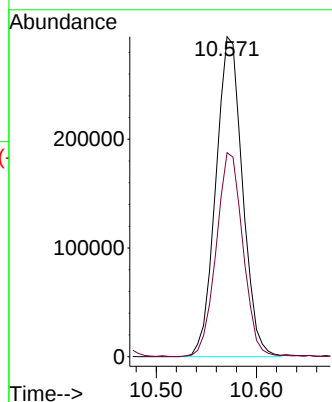
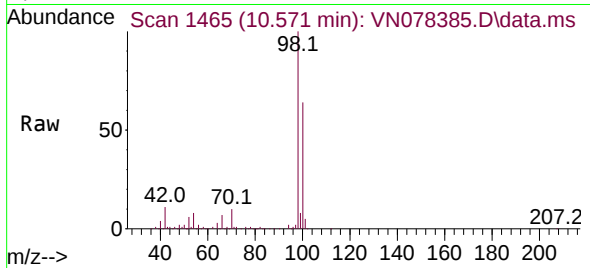




#63
Toluene-d8
Concen: 29.322 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

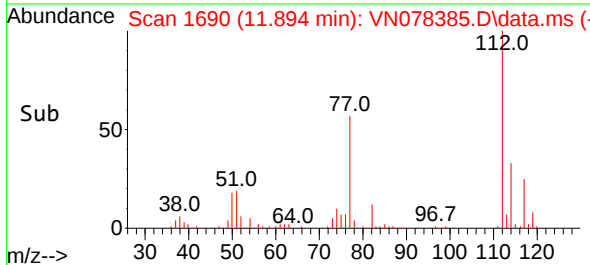
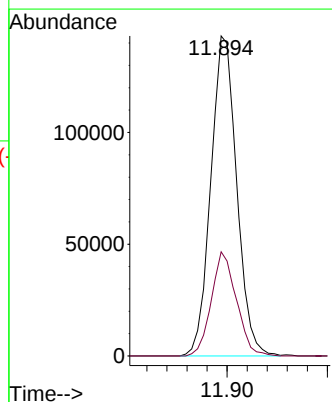
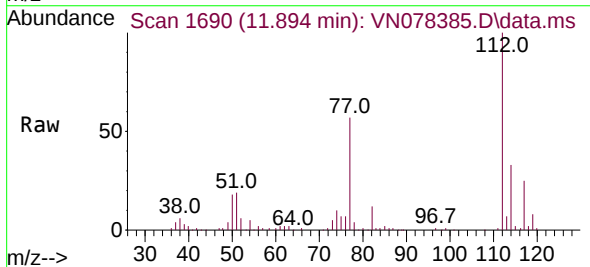
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

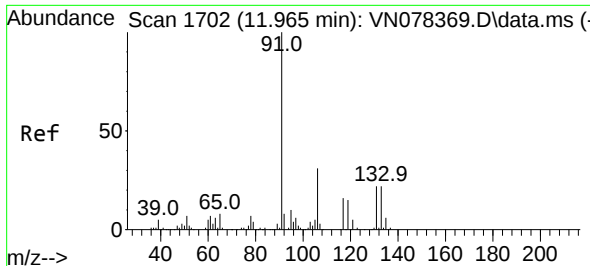
Tgt Ion: 98 Resp: 543863
Ion Ratio Lower Upper
98 100
100 64.0 49.7 74.5



#64
Chlorobenzene
Concen: 19.426 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 112 Resp: 256527
Ion Ratio Lower Upper
112 100
114 32.6 25.9 38.9

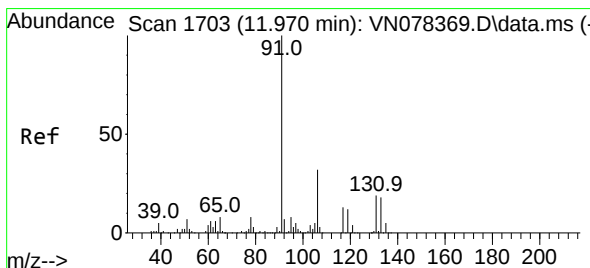
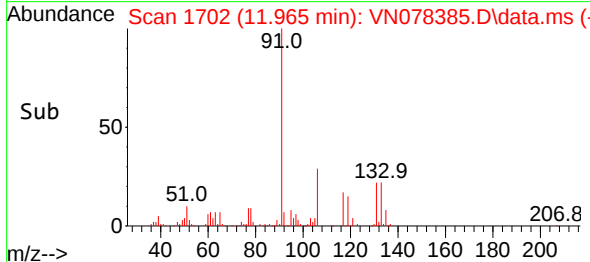
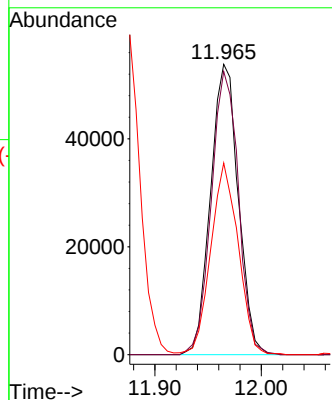
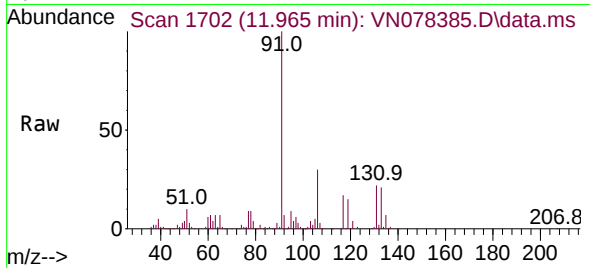




#65
1,1,1,2-Tetrachloroethane
Concen: 19.112 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

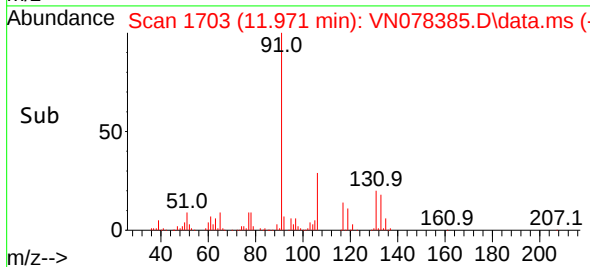
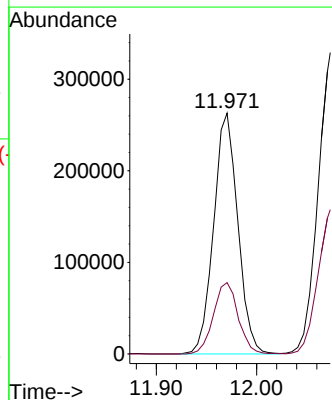
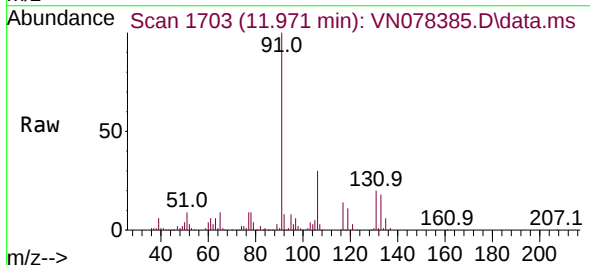
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

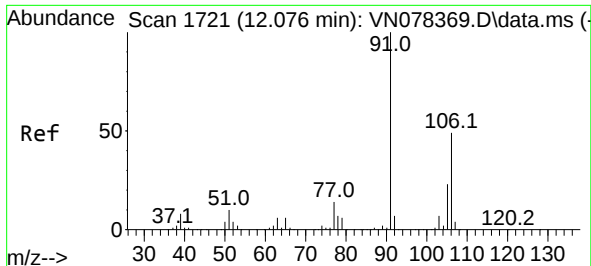
Tgt Ion:131 Resp: 97317
Ion Ratio Lower Upper
131 100
133 95.5 0.0 191.8
119 65.4 0.0 132.0



#66
Ethyl Benzene
Concen: 19.359 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 91 Resp: 438867
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4

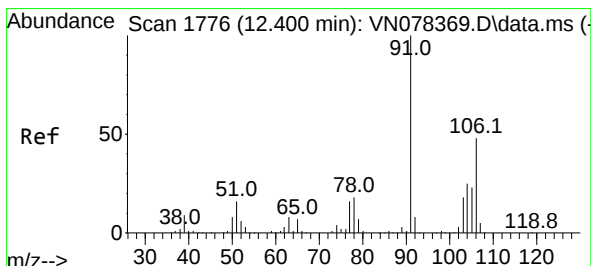
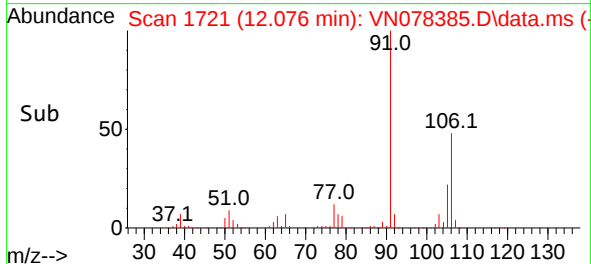
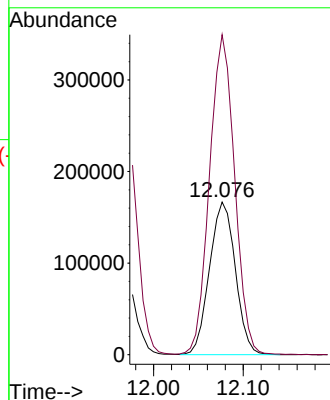
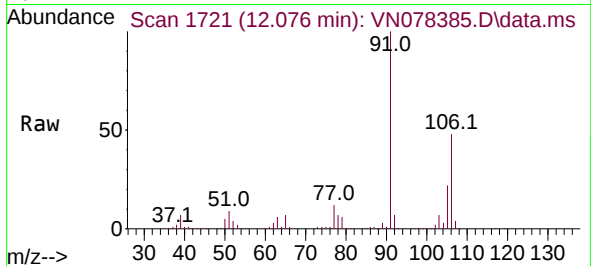




#67
m/p-Xylenes
Concen: 38.935 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

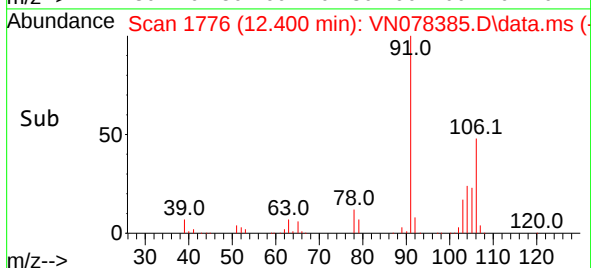
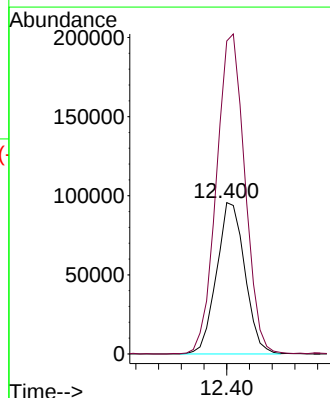
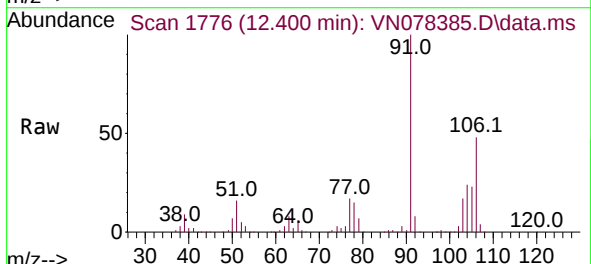
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

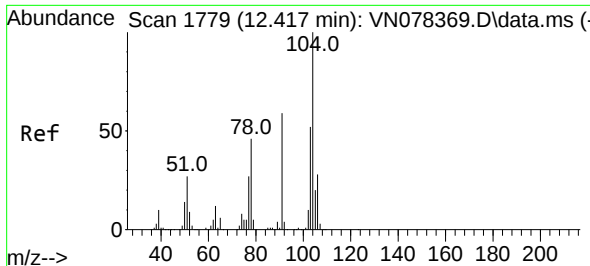
Tgt Ion:106 Resp: 333743
Ion Ratio Lower Upper
106 100
91 203.8 162.5 243.7



#68
o-Xylene
Concen: 19.887 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion:106 Resp: 165302
Ion Ratio Lower Upper
106 100
91 213.2 106.1 318.3

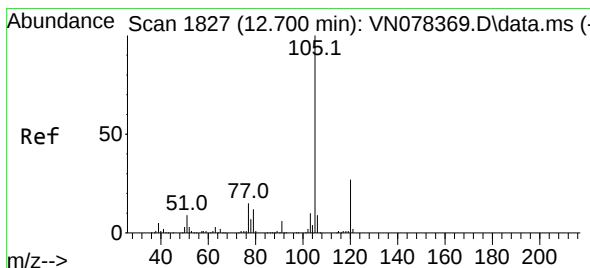
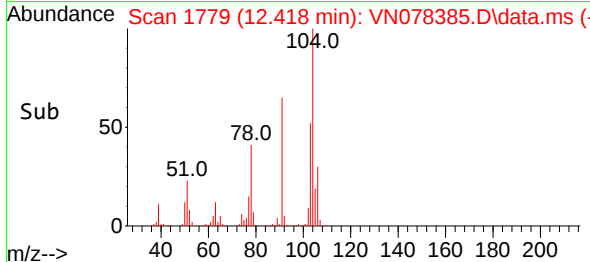
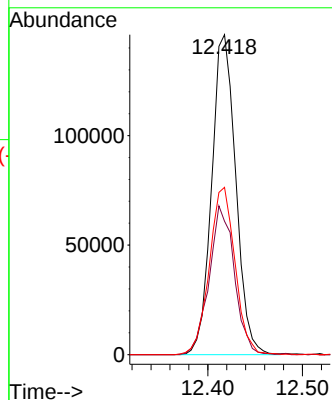
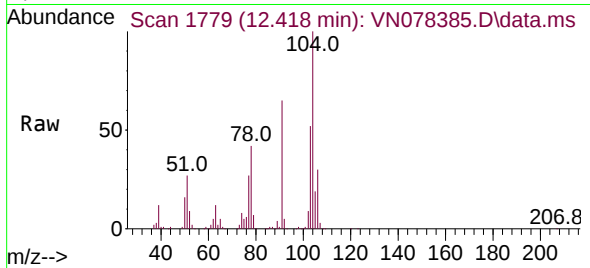




#69
Styrene
Concen: 19.618 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

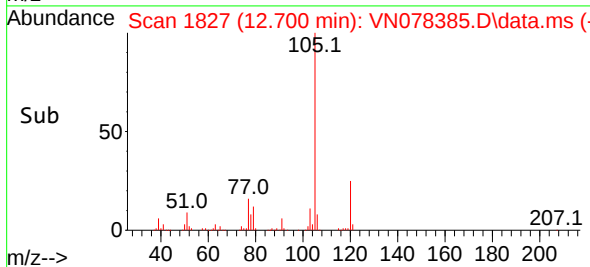
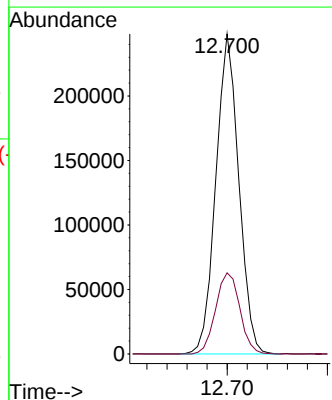
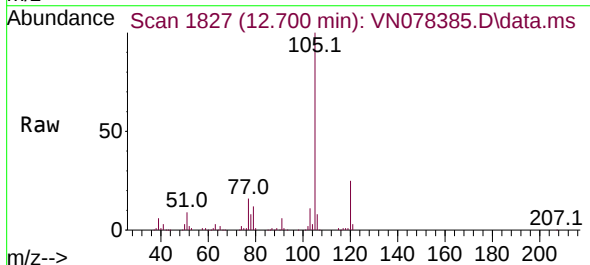
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

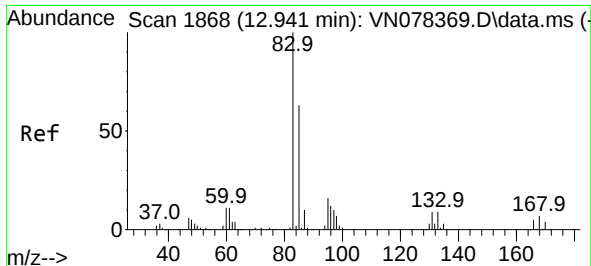
Tgt Ion:104 Resp: 258190
Ion Ratio Lower Upper
104 100
78 48.6 40.1 60.1
103 55.8 45.1 67.7



#70
Isopropylbenzene
Concen: 19.256 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion:105 Resp: 393307
Ion Ratio Lower Upper
105 100
120 26.7 18.3 34.1

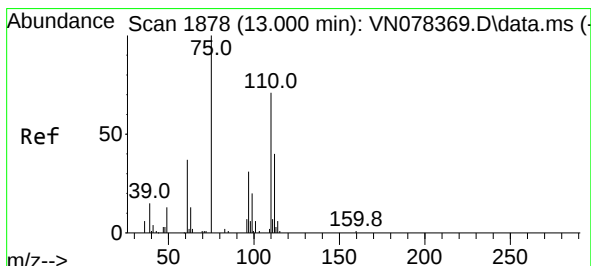
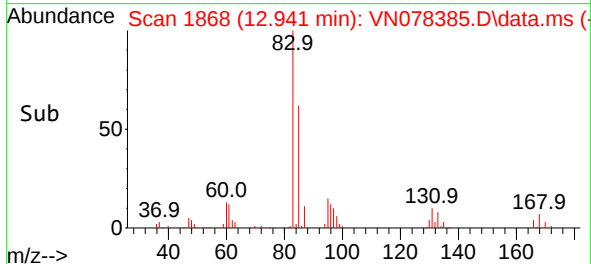
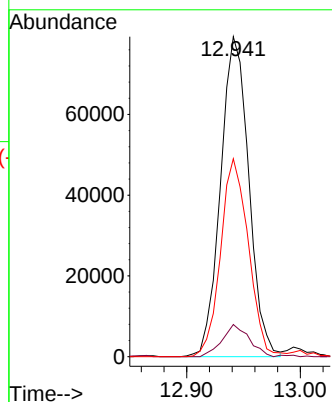
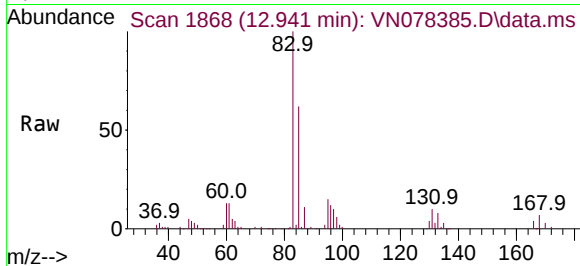




#71
1,1,2,2-Tetrachloroethane
Concen: 20.630 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

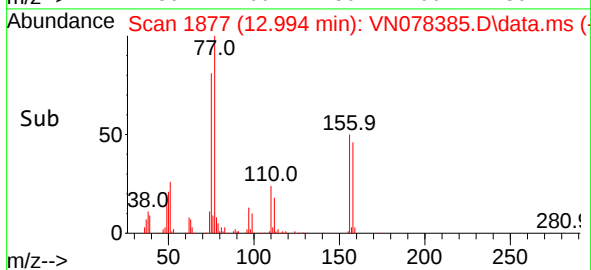
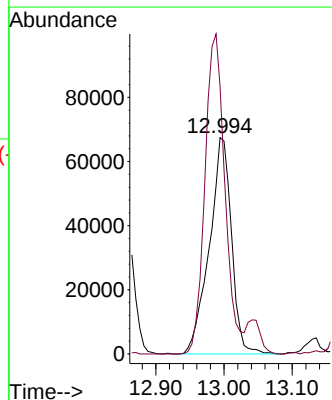
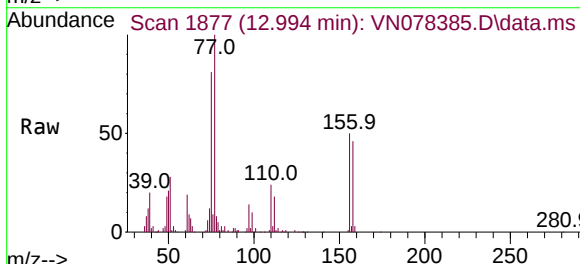
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

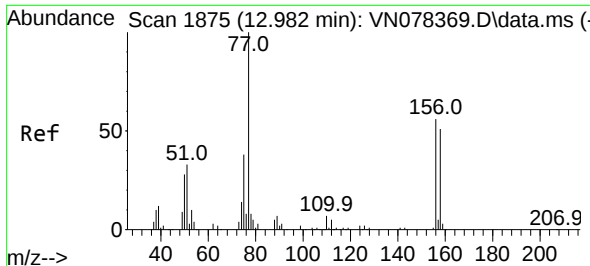
Tgt Ion: 83 Resp: 137025
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 61.0 32.6 98.0



#72
1,2,3-Trichloropropane
Concen: 27.570 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 75 Resp: 152638
Ion Ratio Lower Upper
75 100
77 133.3 0.0 387.4

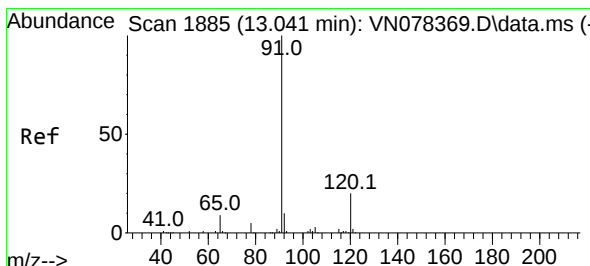
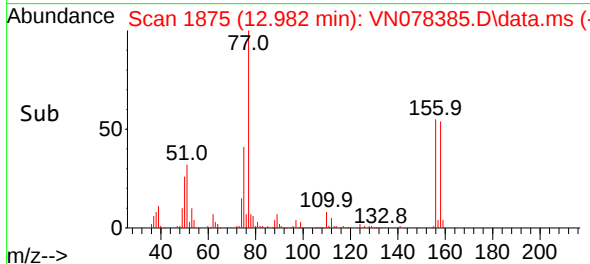
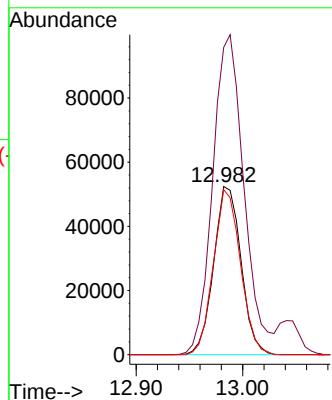
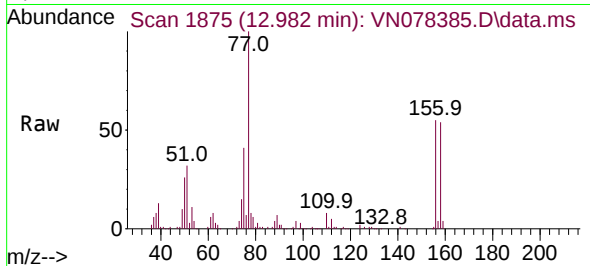




#73
Bromobenzene
Concen: 19.124 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

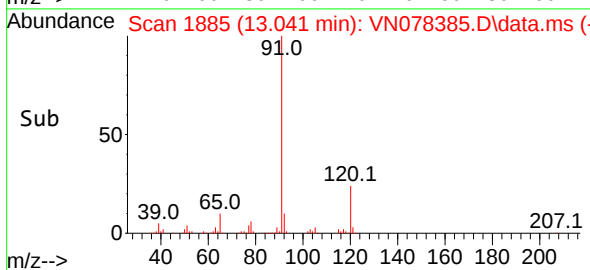
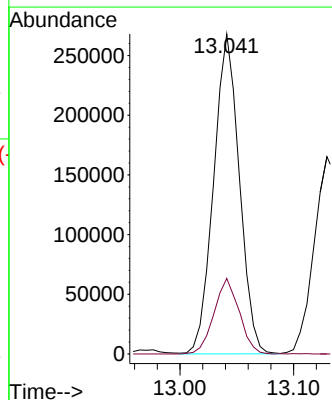
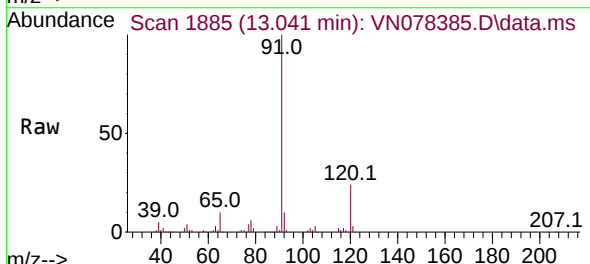
Instrument :
MSVOA_N
ClientSampleId :
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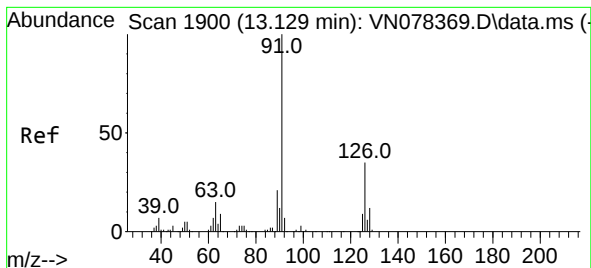
Tgt Ion:156 Resp: 93388
Ion Ratio Lower Upper
156 100
77 217.8 0.0 420.8
158 97.1 0.0 193.2



#74
n-propylbenzene
Concen: 18.984 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 91 Resp: 421642
Ion Ratio Lower Upper
91 100
120 23.1 0.0 44.6





#75

2-Chlorotoluene

Concen: 19.010 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

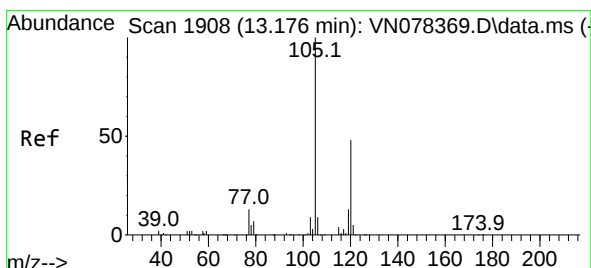
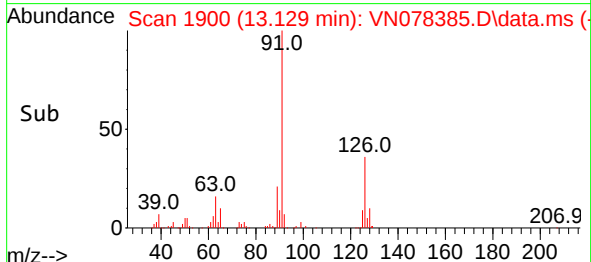
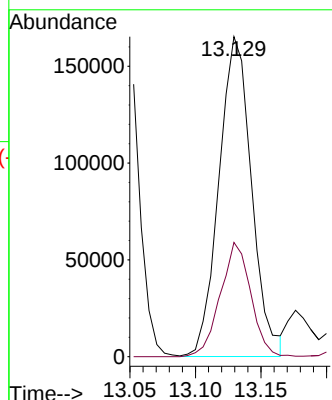
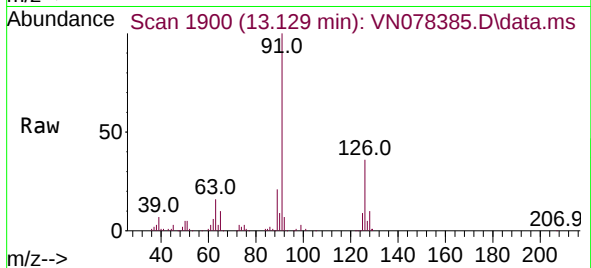
VSTDCCC020EC

Tgt Ion: 91 Resp: 285815

Ion Ratio Lower Upper

91 100

126 33.4 0.0 67.2



#76

1,3,5-Trimethylbenzene

Concen: 18.646 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078385.D

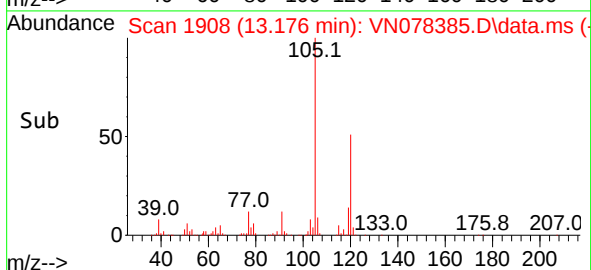
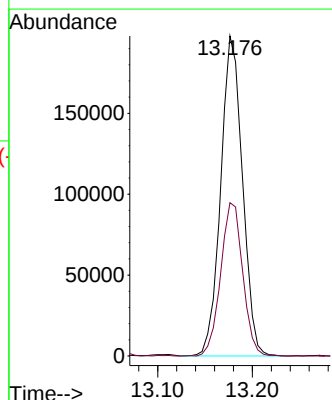
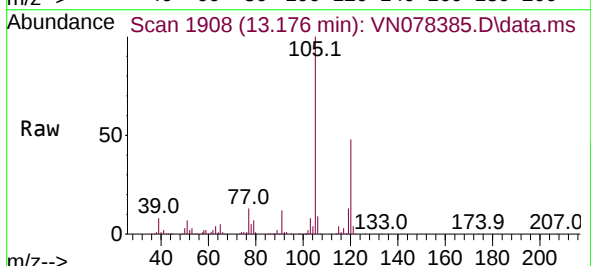
Acq: 23 Jun 2023 18:03

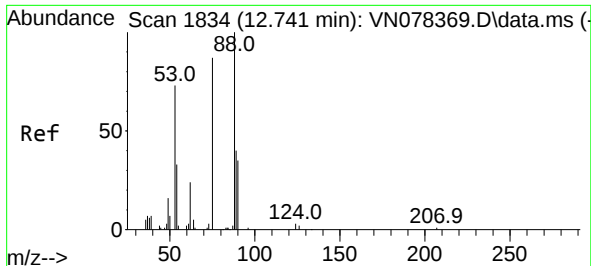
Tgt Ion: 105 Resp: 315788

Ion Ratio Lower Upper

105 100

120 48.5 0.0 97.2

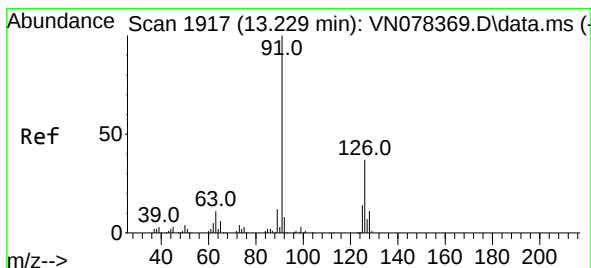
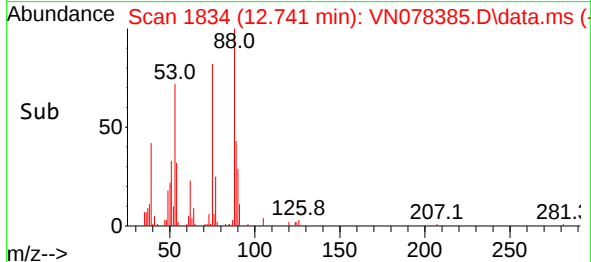
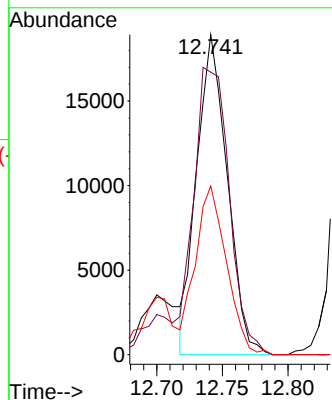
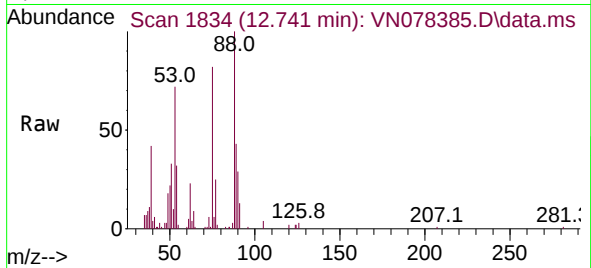




#77
t-1,4-Dichloro-2-butene
Concen: 17.145 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

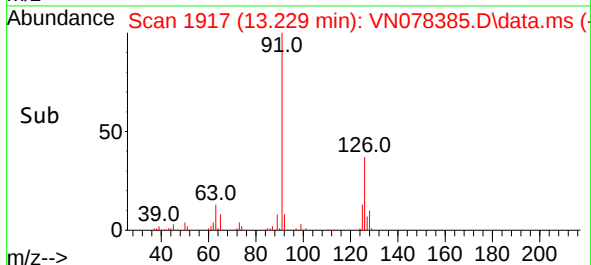
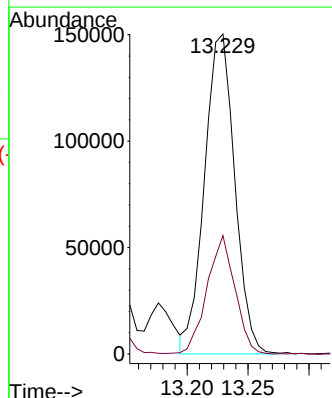
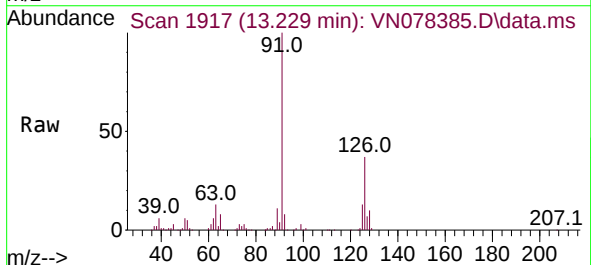
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

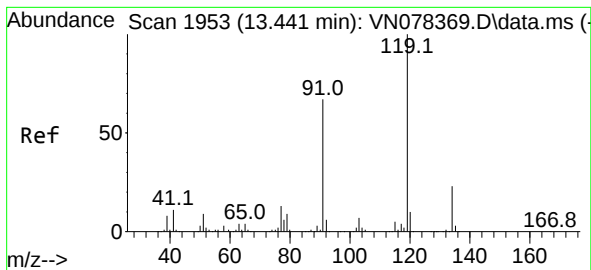
Tgt Ion: 75 Resp: 30681
Ion Ratio Lower Upper
75 100
53 88.3 41.6 124.9
89 52.7 25.1 75.4



#78
4-Chlorotoluene
Concen: 18.478 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 91 Resp: 259978
Ion Ratio Lower Upper
91 100
126 34.2 0.0 68.8

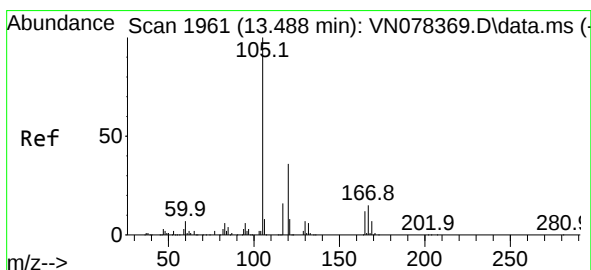
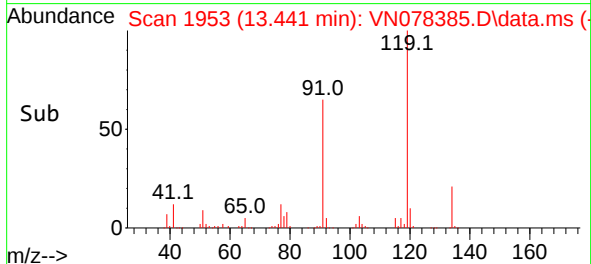
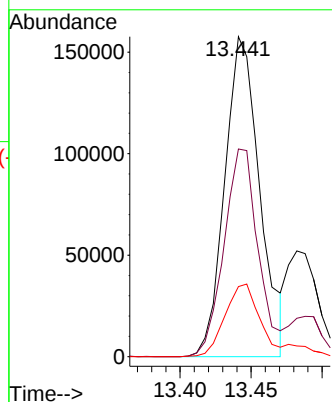
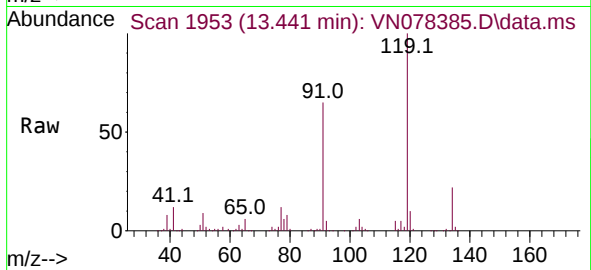




#79
tert-butylbenzene
Concen: 19.400 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

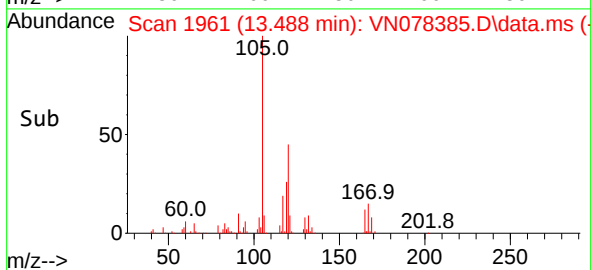
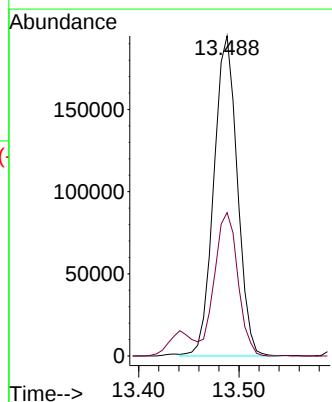
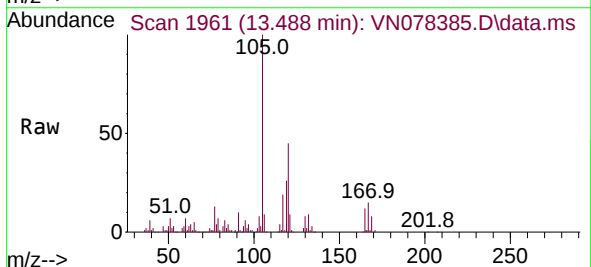
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

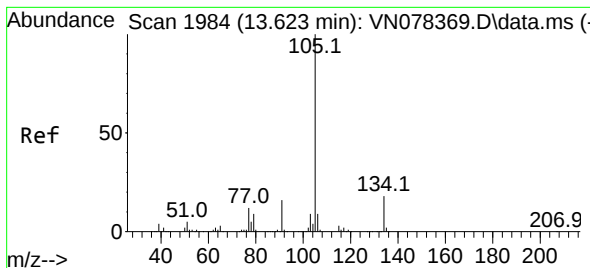
Tgt Ion:119 Resp: 270284
Ion Ratio Lower Upper
119 100
91 63.6 0.0 126.6
134 22.4 0.0 44.0



#80
1,2,4-Trimethylbenzene
Concen: 19.759 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion:105 Resp: 316213
Ion Ratio Lower Upper
105 100
120 44.7 0.0 88.2





#81

sec-Butylbenzene

Concen: 19.164 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

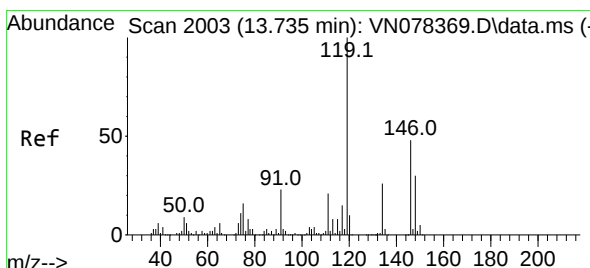
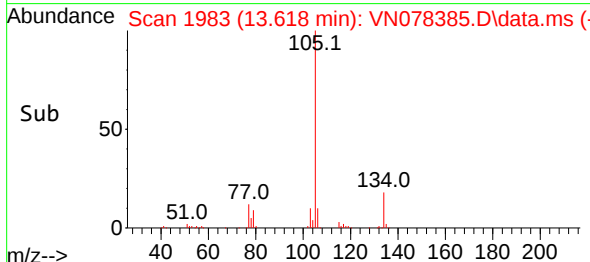
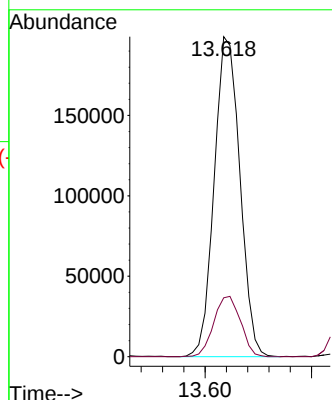
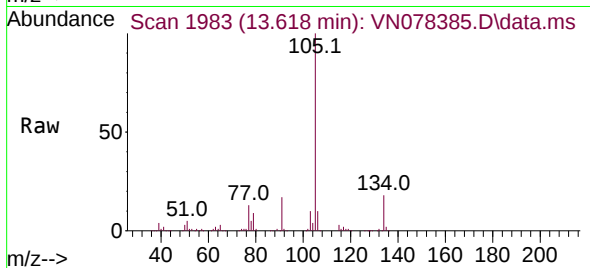
VSTDCCC020EC

Tgt Ion:105 Resp: 333089

Ion Ratio Lower Upper

105 100

134 19.6 0.0 38.6



#82

p-Isopropyltoluene

Concen: 19.848 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

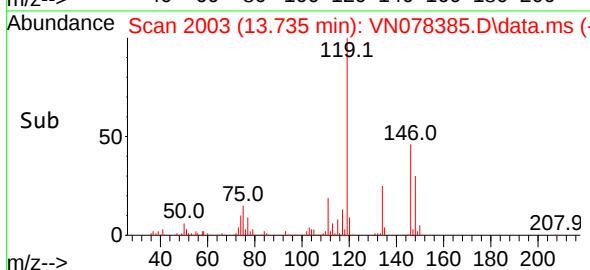
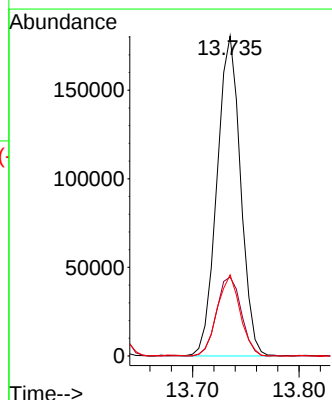
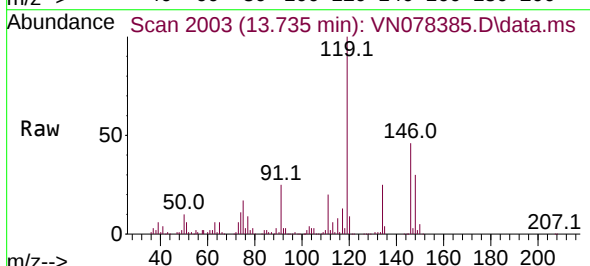
Tgt Ion:119 Resp: 277482

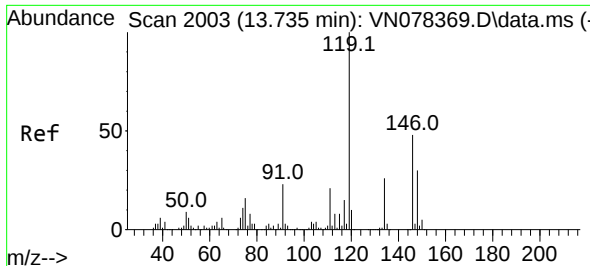
Ion Ratio Lower Upper

119 100

134 25.8 0.0 52.4

91 24.8 0.0 48.2

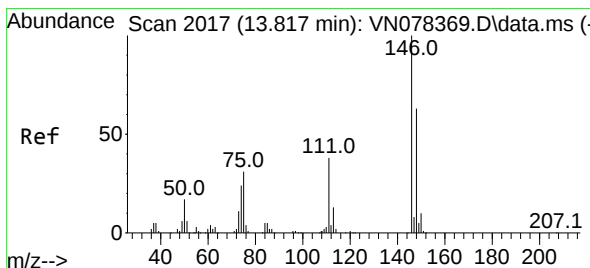
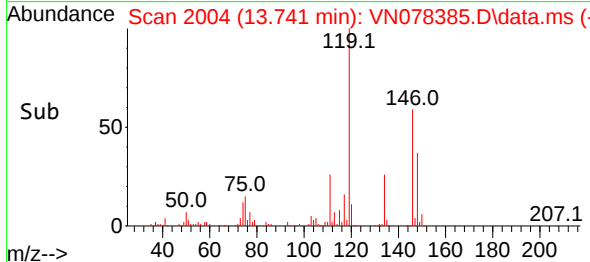
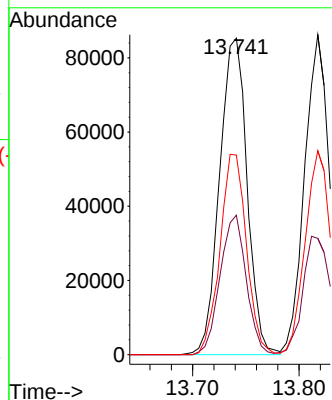
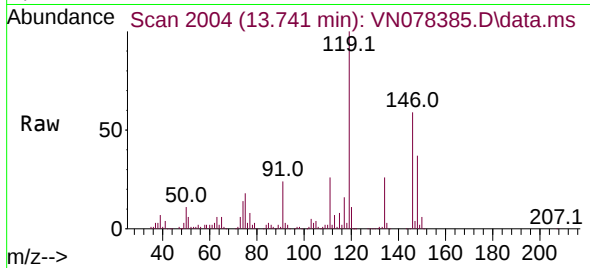




#83
1,3-Dichlorobenzene
Concen: 19.798 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

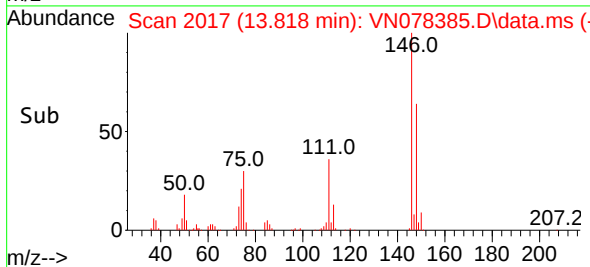
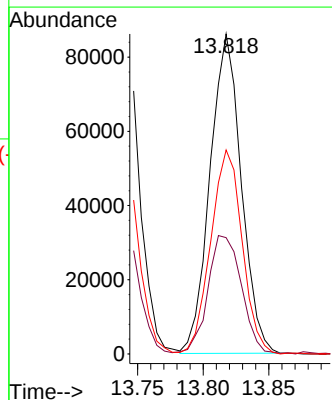
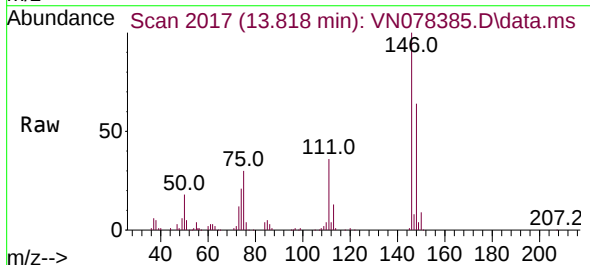
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

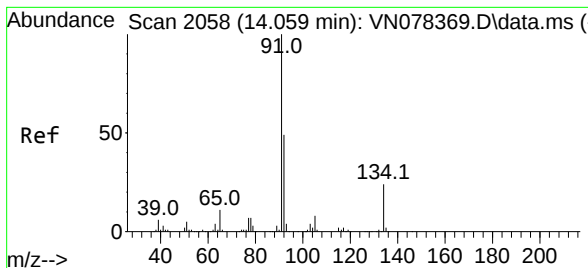
Tgt Ion:146 Resp: 153233
Ion Ratio Lower Upper
146 100
111 41.9 21.6 64.6
148 60.9 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 19.064 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion:146 Resp: 142663
Ion Ratio Lower Upper
146 100
111 39.9 19.4 58.2
148 64.3 31.4 94.3





#85

n-Butylbenzene

Concen: 18.619 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

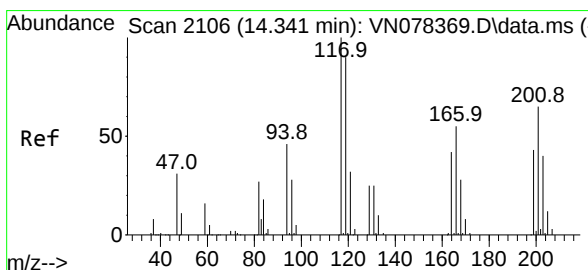
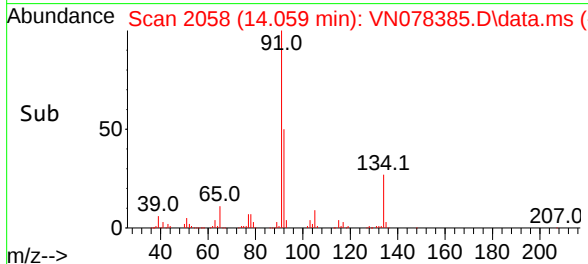
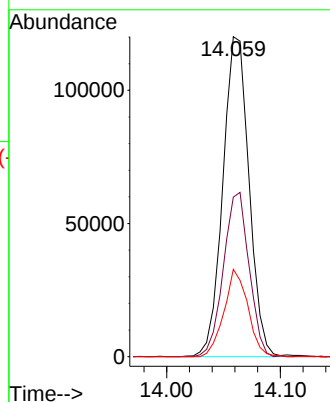
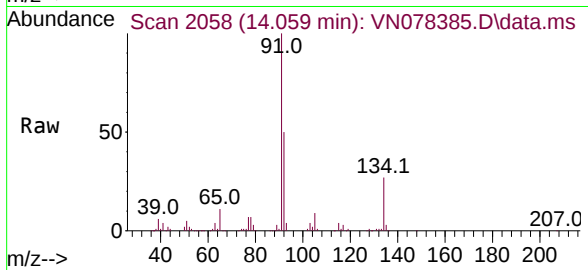
Tgt Ion: 91 Resp: 192269

Ion Ratio Lower Upper

91 100

92 50.2 0.0 99.6

134 25.0 0.0 50.0



#86

Hexachloroethane

Concen: 18.931 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.006 min

Lab File: VN078385.D

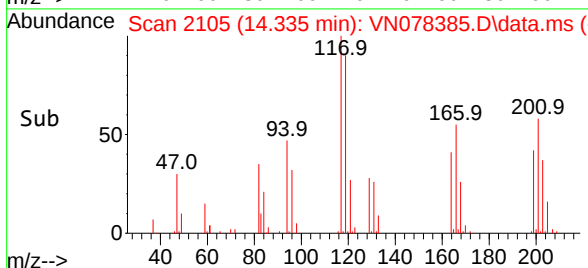
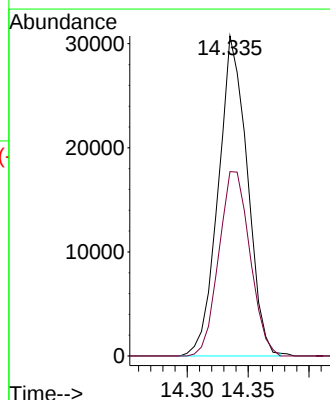
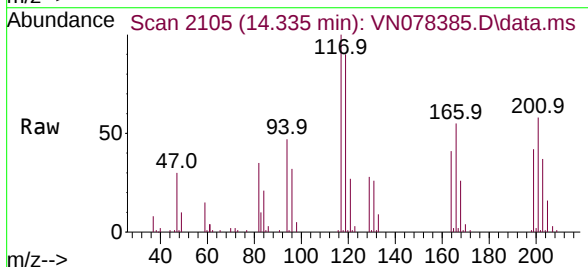
Acq: 23 Jun 2023 18:03

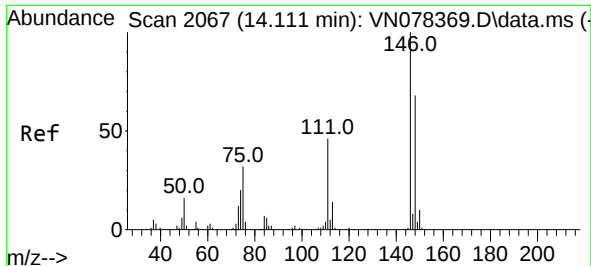
Tgt Ion: 117 Resp: 50940

Ion Ratio Lower Upper

117 100

201 61.8 34.2 102.6

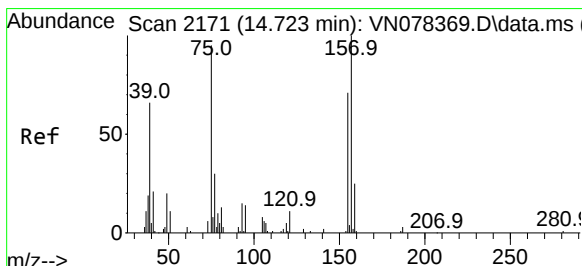
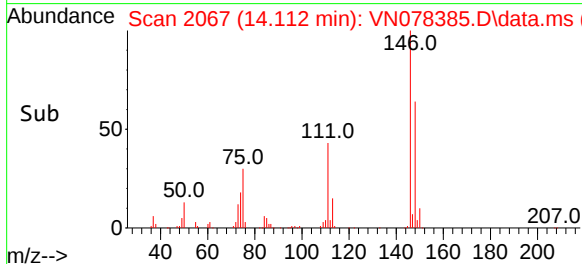
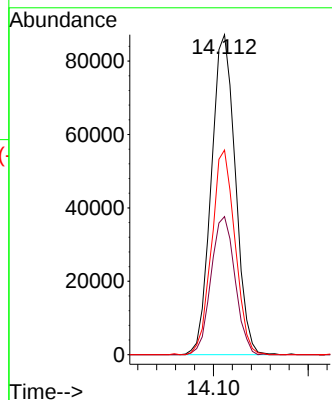
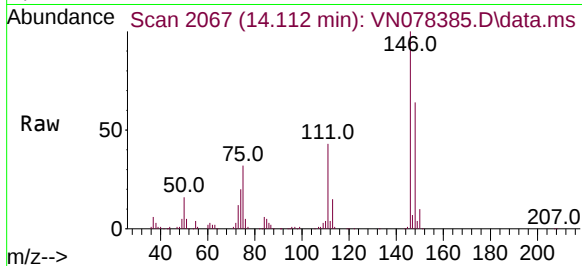




#87
 1,2-Dichlorobenzene
 Concen: 20.075 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.000 min
 Lab File: VN078385.D
 Acq: 23 Jun 2023 18:03

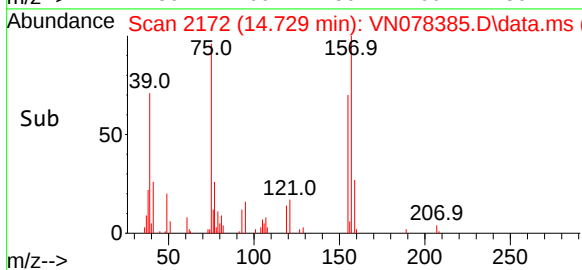
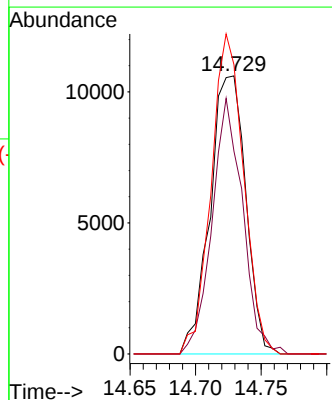
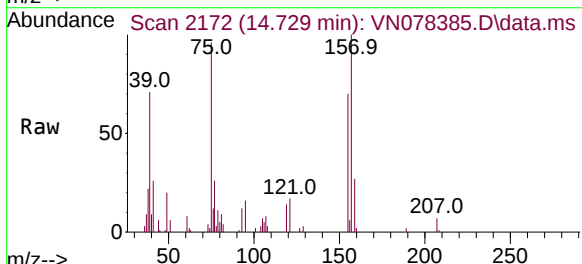
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

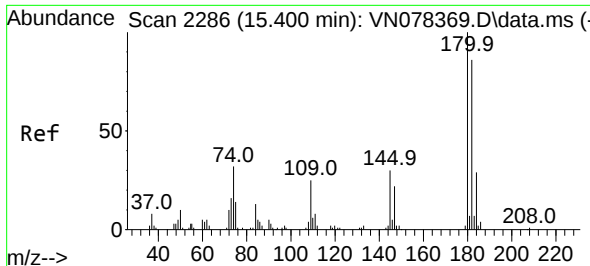
Tgt Ion:146 Resp: 154015
 Ion Ratio Lower Upper
 146 100
 111 42.9 22.4 67.3
 148 62.2 33.4 100.1



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.092 ug/l
 RT: 14.729 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VN078385.D
 Acq: 23 Jun 2023 18:03

Tgt Ion: 75 Resp: 20108
 Ion Ratio Lower Upper
 75 100
 155 78.6 68.2 102.2
 157 104.8 84.7 127.1

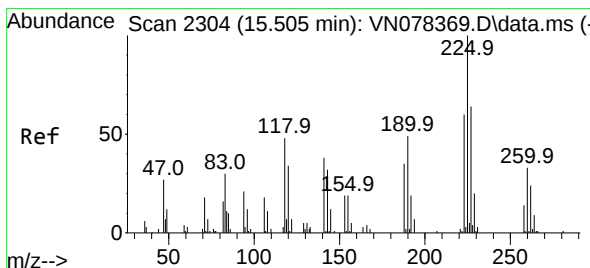
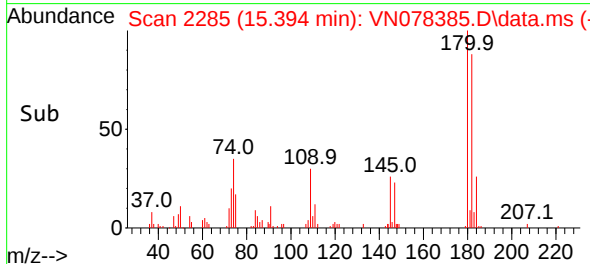
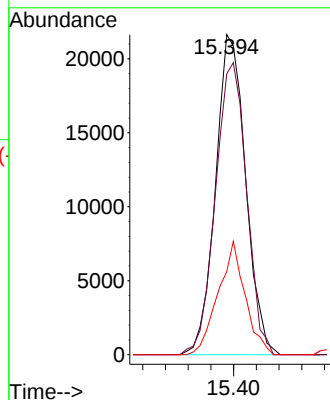
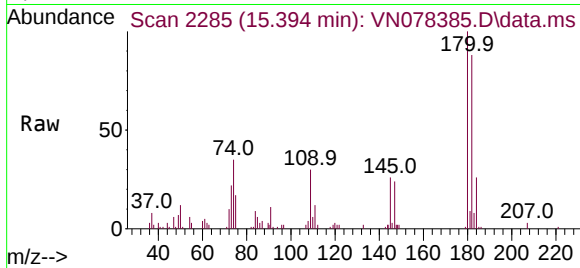




#89
1,2,4-Trichlorobenzene
Concen: 17.018 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

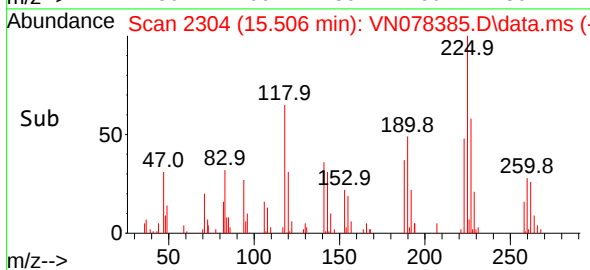
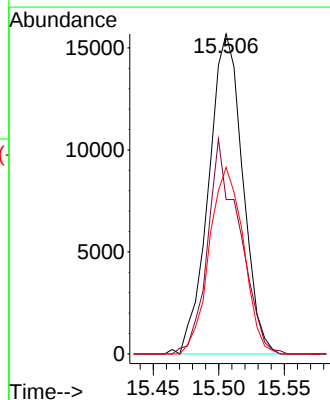
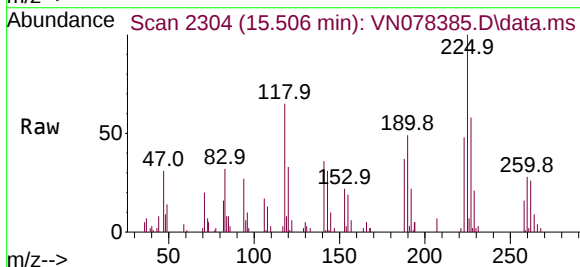
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

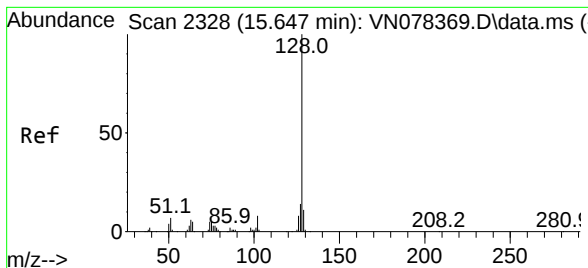
Tgt Ion:180 Resp: 39809
Ion Ratio Lower Upper
180 100
182 94.2 73.7 110.5
145 31.7 25.0 37.6



#90
Hexachlorobutadiene
Concen: 17.766 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion:225 Resp: 28256
Ion Ratio Lower Upper
225 100
223 62.9 0.0 130.0
227 58.5 0.0 124.0





#91

Naphthalene

Concen: 16.516 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

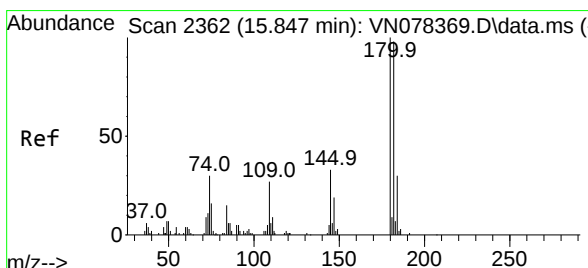
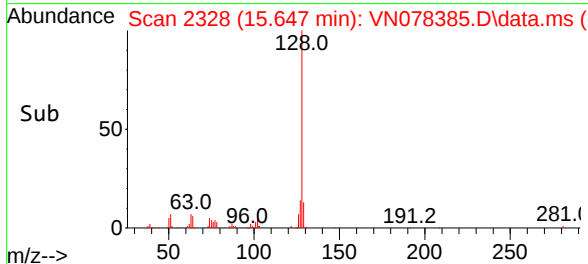
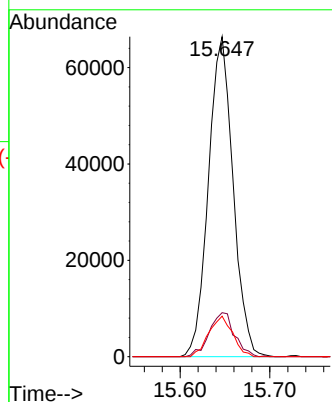
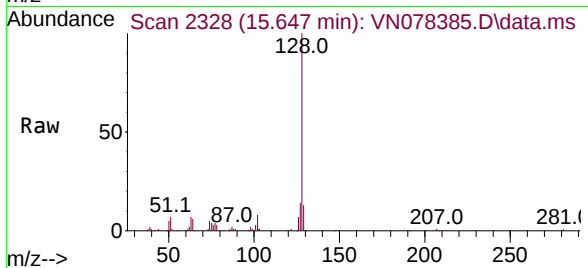
Tgt Ion:128 Resp: 126603

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.2

129 12.3 9.0 13.4



#92

1,2,3-Trichlorobenzene

Concen: 18.290 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Tgt Ion:180 Resp: 49498

Ion Ratio Lower Upper

180 100

182 92.3 0.0 196.4

145 36.6 0.0 71.0

