

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021023\
 Data File : VN076618.D
 Acq On : 10 Feb 2023 18:45
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Quant Time: Feb 11 00:59:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020923W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 10 05:40:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.822	128	29016	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.104	114	198434	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.869	117	220664	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.581	65	84603	24.739	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	82.467%#		
60) 4-Bromofluorobenzene	12.851	95	130296	26.155	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	87.167%		
63) Toluene-d8	10.569	98	233170	28.778	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	95.933%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.140	85	73548	18.313	ug/l	95
3) Chloromethane	2.375	50	56032	11.603	ug/l	97
4) Vinyl Chloride	2.528	62	49264	11.684	ug/l	99
5) Bromomethane	2.963	94	22341	10.554	ug/l	90
6) Chloroethane	3.122	64	27337	11.324	ug/l	91
7) Trichlorofluoromethane	3.510	101	119507	16.692	ug/l	86
8) Diethyl Ether	3.981	74	41005	18.057	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.393	101	63288	18.363	ug/l	85
10) 1,1-Dichloroethene	4.352	96	59007	18.219	ug/l	87
11) Methyl Iodide	4.604	142	81117	17.239	ug/l	97
12) Methyl Acetate	5.040	43	114071	16.784	ug/l	94
13) Acrolein	4.193	56	67721	77.794	ug/l	97
14) Acrylonitrile	5.734	53	175597	88.187	ug/l	97
15) Acetone	4.440	58	46256	80.455	ug/l	75
16) Carbon Disulfide	4.728	76	165653	18.611	ug/l	98
17) Allyl chloride	5.034	41	93118	14.914	ug/l	85
18) Methylene Chloride	5.287	84	72506	18.919	ug/l #	89
19) trans-1,2-Dichloroethene	5.798	96	63347	19.040	ug/l	94
20) Diisopropyl ether	6.681	45	230773	16.192	ug/l	94
21) 1,1-Dichloroethane	6.581	63	128525	16.537	ug/l	98
22) cis-1,2-Dichloroethene	7.492	96	74330	18.645	ug/l	96
23) tert-Butyl Alcohol	5.534	59	55516	83.087	ug/l #	100
24) Methyl tert-Butyl Ether	5.816	73	214930	18.427	ug/l	98
25) Chloroform	7.975	83	131600	17.112	ug/l	96
26) Cyclohexane	8.269	56	111186	16.122	ug/l #	99
29) 1,1-Dichloropropene	8.381	75	94844	18.465	ug/l	97
30) 2-Butanone	7.492	43	242794	87.573	ug/l	100
31) 2,2-Dichloropropane	7.498	77	91155	17.093	ug/l	99
32) 1,1,1-Trichloroethane	8.175	97	114802	18.015	ug/l	96
33) Carbon Tetrachloride	8.369	117	101255	18.418	ug/l	96
35) Methacrylonitrile	7.787	41	58696	18.413	ug/l	88
36) 1,2-Dichloroethane	8.675	62	107332	17.735	ug/l	96
37) Trichloroethene	9.357	130	66991	20.732	ug/l	88
38) Methylcyclohexane	9.604	83	111643	19.638	ug/l	96
39) 1,2-Dichloropropane	9.628	63	77089	20.468	ug/l #	88
40) Dibromomethane	9.716	93	49459	19.962	ug/l	93
41) Bromodichloromethane	9.892	83	100888	19.366	ug/l #	88
42) Vinyl Acetate	6.616	43	658255	72.993	ug/l	97
43) Ethyl Acetate	7.575	43	104127	18.419	ug/l	100

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 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

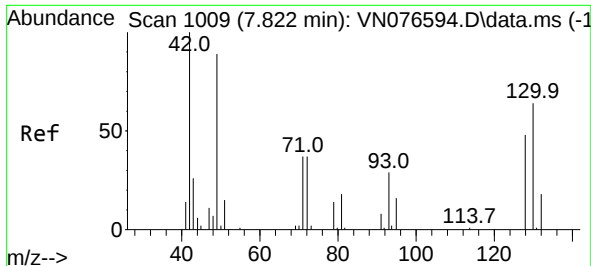
Quant Time: Feb 11 00:59:28 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.698	43	160703	17.281	ug/l	98
45) 1,4-Dioxane	9.698	88	30288	399.543	ug/l	94
46) Methyl methacrylate	9.686	41	79660	17.767	ug/l	87
47) n-amyl Acetate	12.498	43	137880	17.443	ug/l #	88
48) t-1,3-Dichloropropene	10.839	75	97586	18.608	ug/l	95
49) cis-1,3-Dichloropropene	10.316	75	110132	18.998	ug/l	95
50) 1,1,2-Trichloroethane	11.016	97	69267	20.585	ug/l	96
51) Ethyl methacrylate	10.881	69	103999	19.464	ug/l	95
52) 1,3-Dichloropropane	11.169	76	123620	19.708	ug/l	98
53) Dibromochloromethane	11.363	129	74503	21.308	ug/l	96
54) 1,2-Dibromoethane	11.469	107	68631	20.156	ug/l	99
55) 2-Chloroethyl vinyl ether	10.163	63	236671	96.975	ug/l	98
56) Bromoform	12.580	173	46497	20.648	ug/l	98
58) 4-Methyl-2-Pentanone	10.451	43	520314	84.349	ug/l	99
59) 2-Hexanone	11.198	43	382627	85.311	ug/l	97
61) Tetrachloroethene	11.110	164	54939	19.477	ug/l	91
62) Toluene	10.633	91	305897	18.698	ug/l	100
64) Chlorobenzene	11.898	112	182418	19.248	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.963	131	68064	18.944	ug/l	98
66) Ethyl Benzene	11.969	91	330735	18.440	ug/l	99
67) m/p-Xylenes	12.075	106	256454	38.110	ug/l	96
68) o-Xylene	12.404	106	129090	19.472	ug/l	98
69) Styrene	12.416	104	208790	19.841	ug/l	95
70) Isopropylbenzene	12.698	105	328201	18.473	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.945	83	107346	17.330	ug/l	98
72) 1,2,3-Trichloropropane	12.992	75	132685	23.454	ug/l	61
73) Bromobenzene	12.980	156	73868	17.522	ug/l	94
74) n-propylbenzene	13.039	91	387054	16.986	ug/l	99
75) 2-Chlorotoluene	13.127	91	238592	16.646	ug/l	97
76) 1,3,5-Trimethylbenzene	13.174	105	284944	17.175	ug/l	98
77) t-1,4-Dichloro-2-butene	12.745	75	28324	16.599	ug/l	80
78) 4-Chlorotoluene	13.222	91	234032	16.238	ug/l	96
79) tert-butylbenzene	13.445	119	247291	17.561	ug/l	95
80) 1,2,4-Trimethylbenzene	13.486	105	283683	17.339	ug/l	95
81) sec-Butylbenzene	13.622	105	343536	17.422	ug/l	100
82) p-Isopropyltoluene	13.733	119	279056	17.613	ug/l	97
83) 1,3-Dichlorobenzene	13.739	146	134818	17.290	ug/l	95
84) 1,4-Dichlorobenzene	13.816	146	137197	17.636	ug/l	98
85) n-Butylbenzene	14.057	91	223480	15.190	ug/l	97
86) Hexachloroethane	14.339	117	49497	16.090	ug/l	90
87) 1,2-Dichlorobenzene	14.110	146	139493	16.297	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.721	75	22966	18.190	ug/l	86
89) 1,2,4-Trichlorobenzene	15.398	180	69715	19.529	ug/l	99
90) Hexachlorobutadiene	15.504	225	33970	19.698	ug/l	97
91) Naphthalene	15.645	128	237516	19.501	ug/l	99
92) 1,2,3-Trichlorobenzene	15.839	180	71060	19.944	ug/l	99

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

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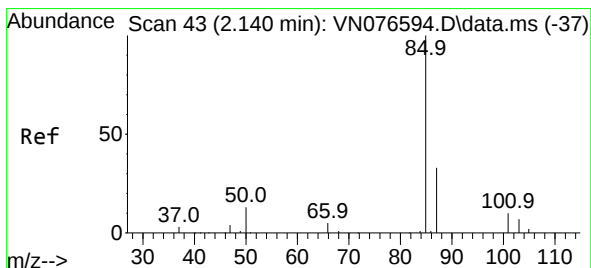
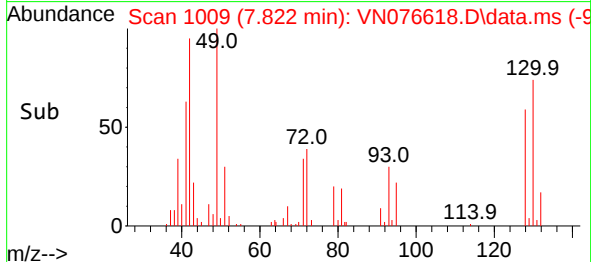
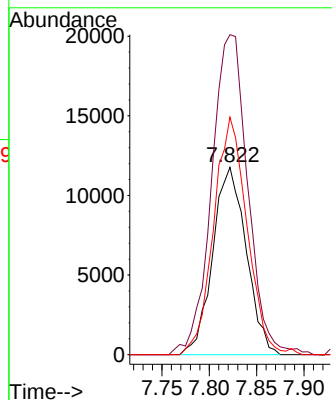
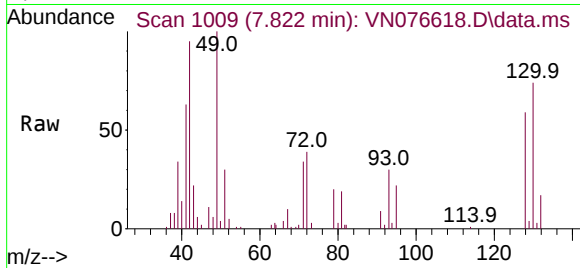




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.822 min Scan# 1009
Delta R.T. -0.008 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

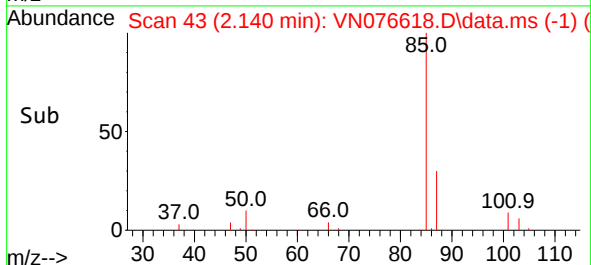
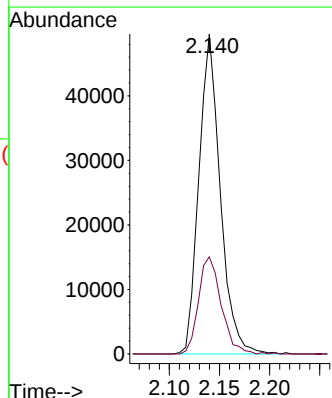
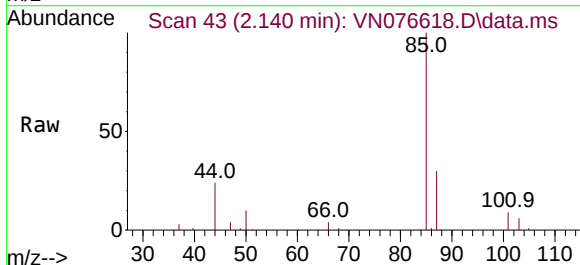
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

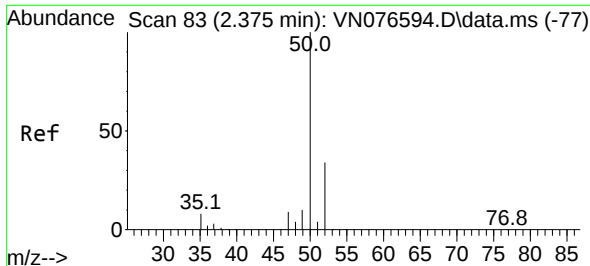
Tgt Ion:128 Resp: 29016
Ion Ratio Lower Upper
128 100
49 183.5 0.0 492.0
130 125.7 0.0 313.3



#2
Dichlorodifluoromethane
Concen: 18.313 ug/l
RT: 2.140 min Scan# 43
Delta R.T. -0.008 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 85 Resp: 73548
Ion Ratio Lower Upper
85 100
87 30.3 16.7 50.1

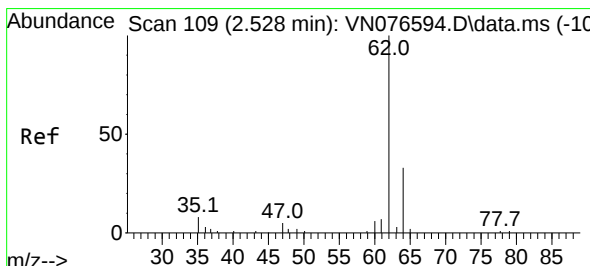
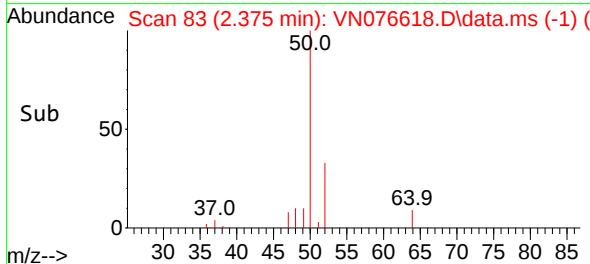
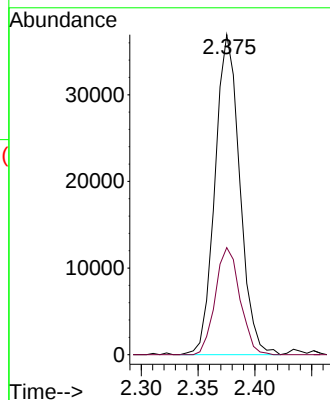
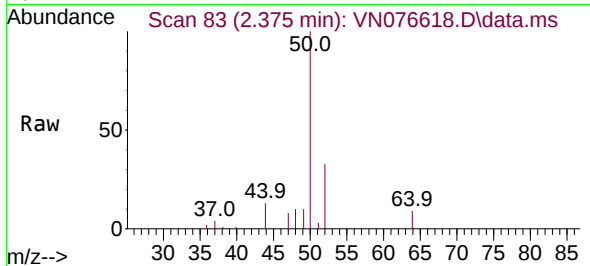




#3
Chloromethane
Concen: 11.603 ug/l
RT: 2.375 min Scan# 83
Delta R.T. -0.008 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

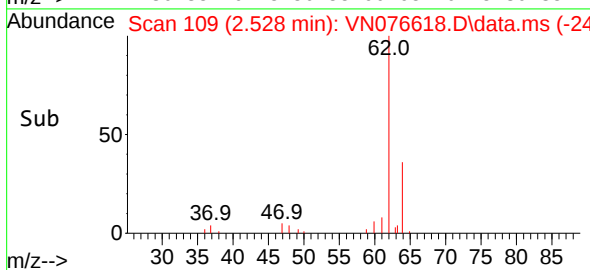
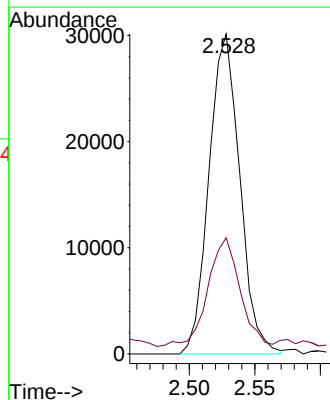
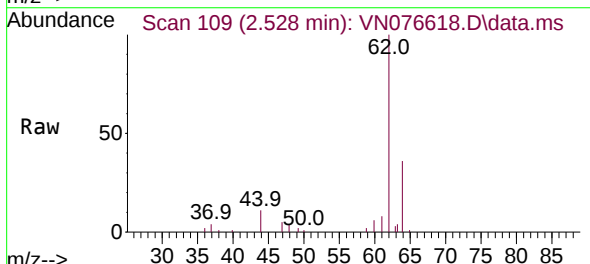
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ClientSampleId :
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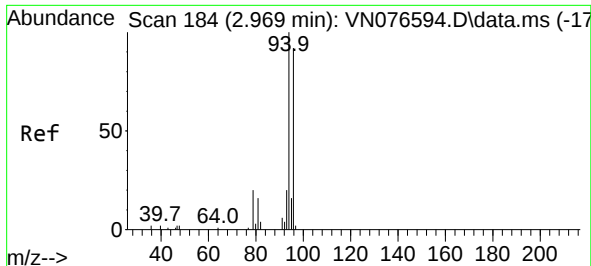
Tgt Ion: 50 Resp: 56032
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3



#4
Vinyl Chloride
Concen: 11.684 ug/l
RT: 2.528 min Scan# 109
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 62 Resp: 49264
Ion Ratio Lower Upper
62 100
64 32.8 25.6 38.4

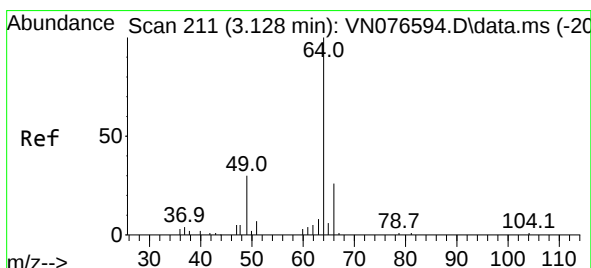
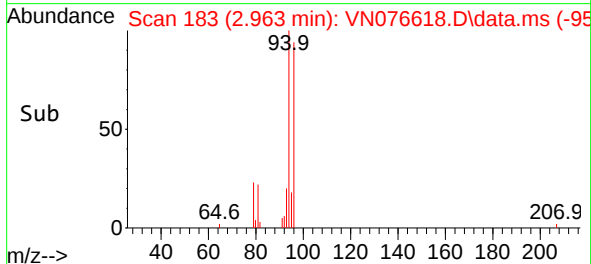
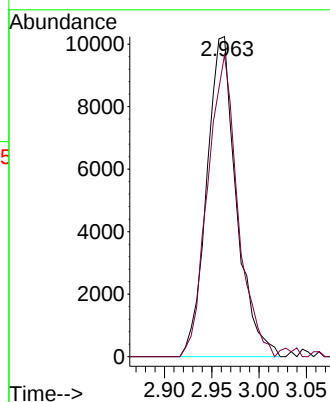
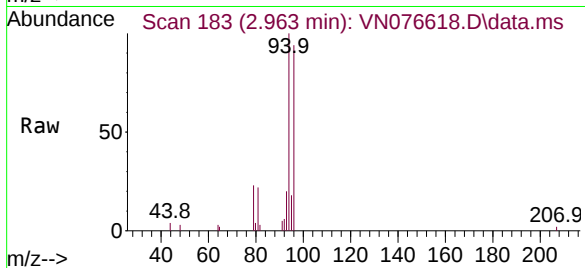




#5
Bromomethane
Concen: 10.554 ug/l
RT: 2.963 min Scan# 11
Delta R.T. 0.015 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

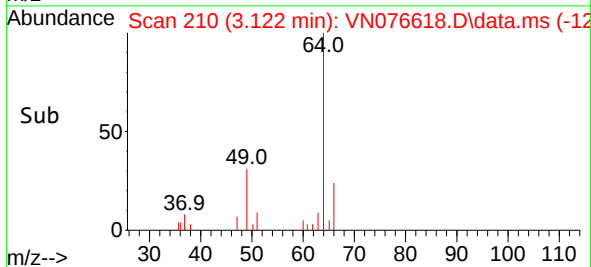
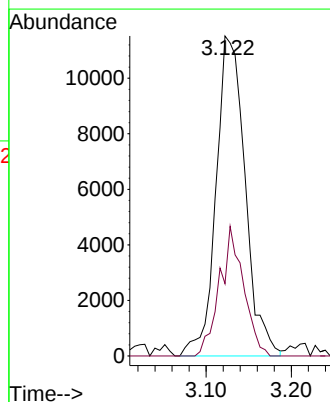
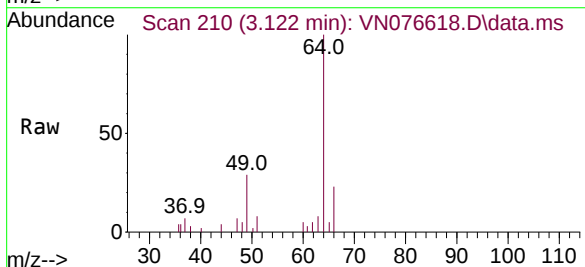
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ClientSampleId :
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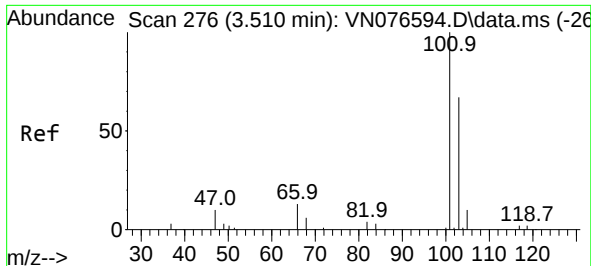
Tgt Ion: 94 Resp: 22341
Ion Ratio Lower Upper
94 100
96 94.3 68.3 102.5



#6
Chloroethane
Concen: 11.324 ug/l
RT: 3.122 min Scan# 210
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 64 Resp: 27337
Ion Ratio Lower Upper
64 100
66 22.6 21.8 32.8

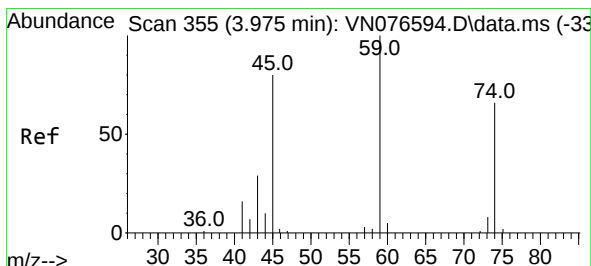
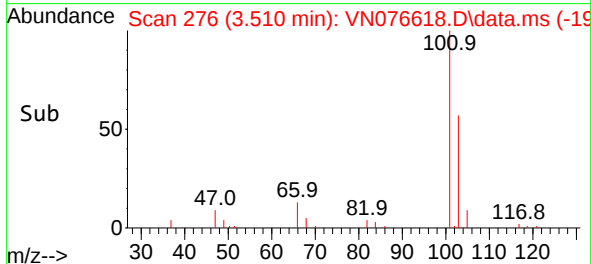
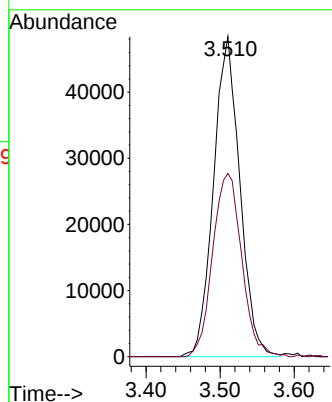
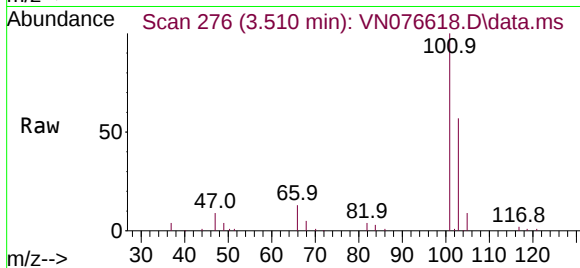




#7
Trichlorofluoromethane
Concen: 16.692 ug/l
RT: 3.510 min Scan# 21
Delta R.T. 0.004 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

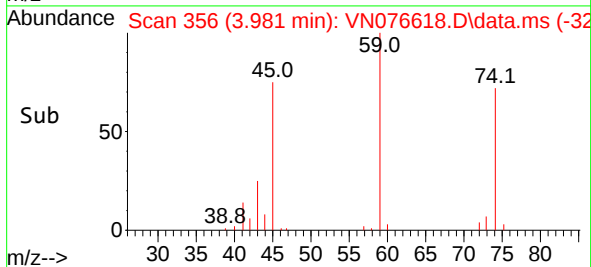
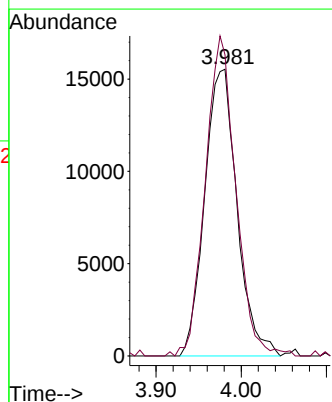
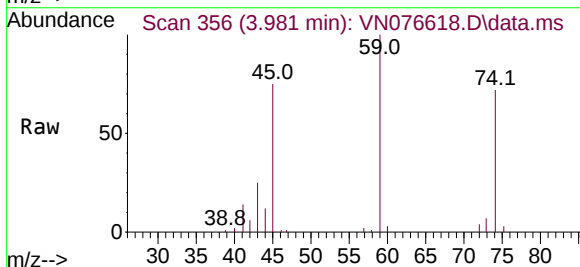
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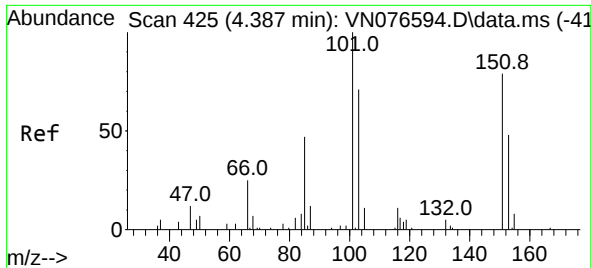
Tgt Ion:101 Resp: 119507
Ion Ratio Lower Upper
101 100
103 57.2 54.8 82.2



#8
Diethyl Ether
Concen: 18.057 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.008 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 74 Resp: 41005
Ion Ratio Lower Upper
74 100
45 104.0 19.0 171.0

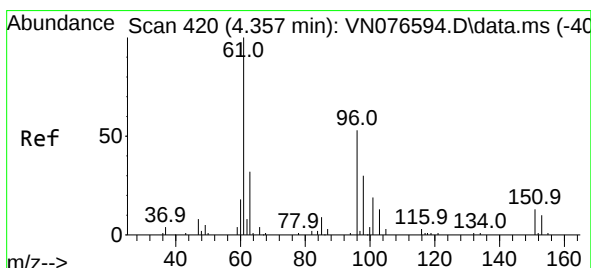
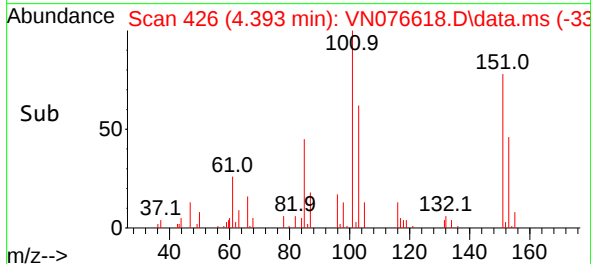
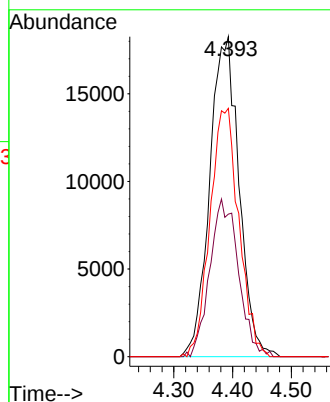
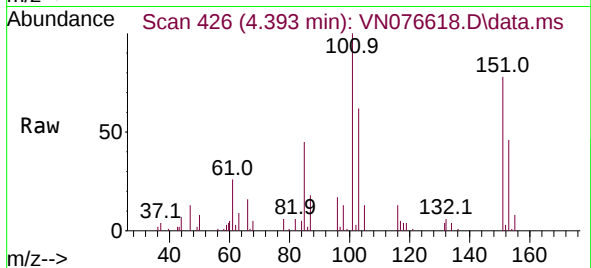




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.363 ug/l
RT: 4.393 min Scan# 419
Delta R.T. 0.010 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

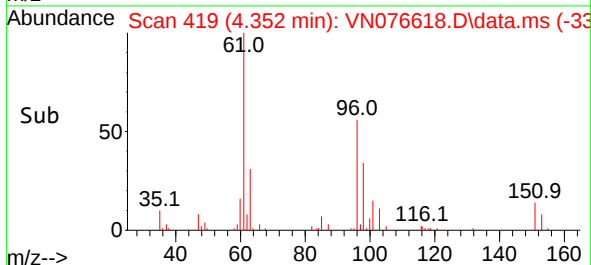
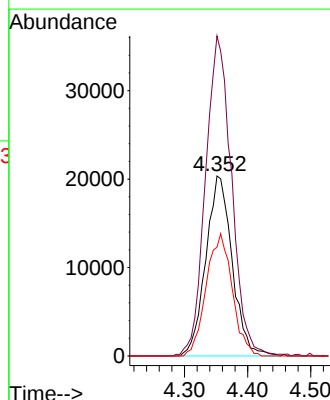
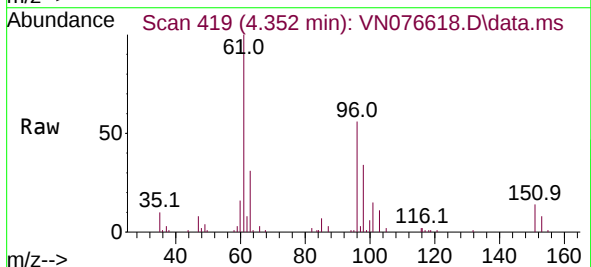
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MSVOA_N
ClientSampleId :
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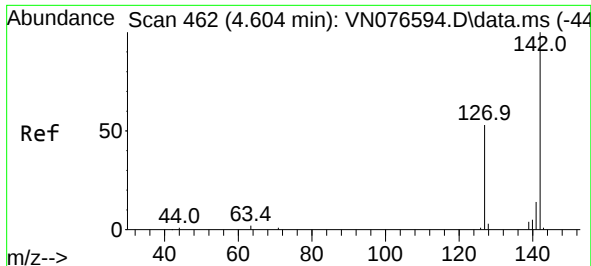
Tgt Ion:101 Resp: 63288
Ion Ratio Lower Upper
101 100
85 26.7 0.0 94.6
151 76.2 0.0 144.8



#10
1,1-Dichloroethene
Concen: 18.219 ug/l
RT: 4.352 min Scan# 419
Delta R.T. -0.007 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

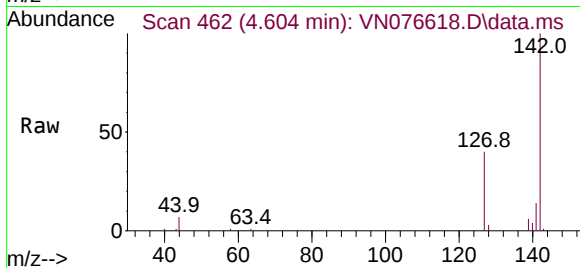
Tgt Ion: 96 Resp: 59007
Ion Ratio Lower Upper
96 100
61 176.8 125.5 188.3
98 60.4 45.0 67.4



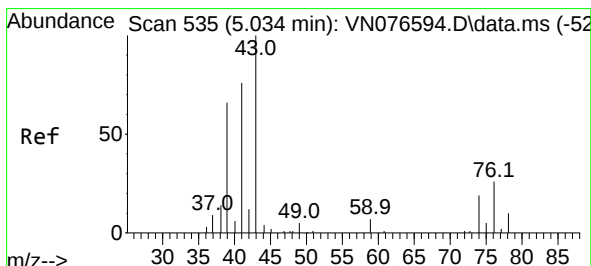
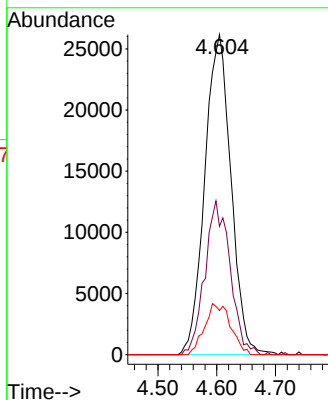
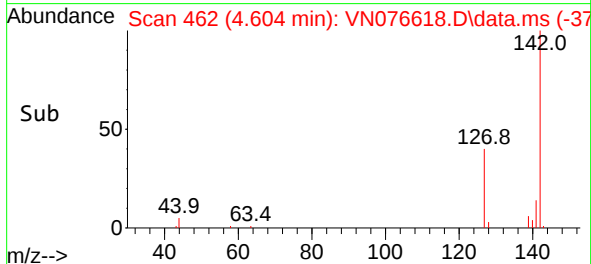


#11
Methyl Iodide
Concen: 17.239 ug/l
RT: 4.604 min Scan# 462
Delta R.T. -0.008 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

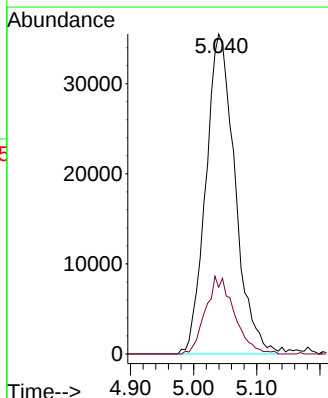
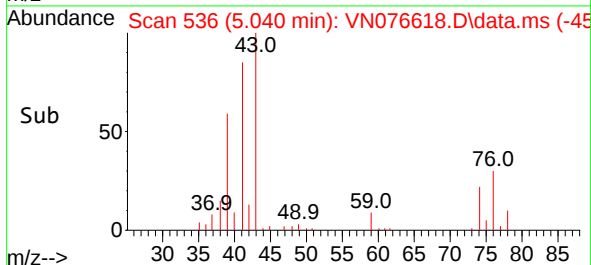
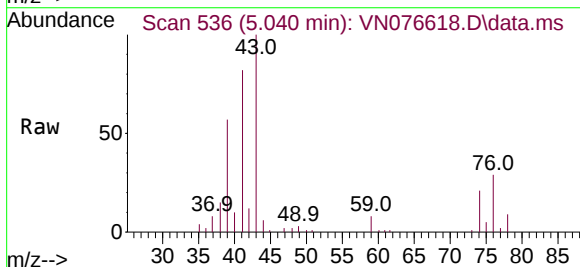


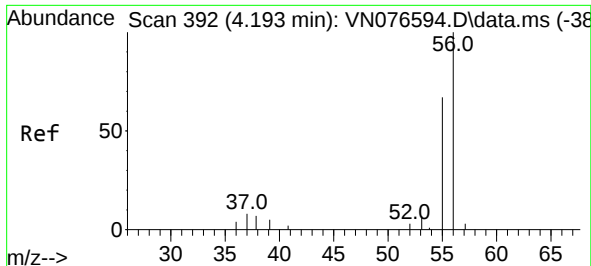
Tgt Ion:142 Resp: 81117
Ion Ratio Lower Upper
142 100
127 40.1 19.3 57.8
141 13.8 7.7 23.1



#12
Methyl Acetate
Concen: 16.784 ug/l
RT: 5.040 min Scan# 536
Delta R.T. -0.008 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 43 Resp: 114071
Ion Ratio Lower Upper
43 100
74 20.9 19.0 28.6





#13

Acrolein

Concen: 77.794 ug/l

RT: 4.193 min Scan# 392

Delta R.T. -0.013 min

Lab File: VN076618.D

Acq: 10 Feb 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :

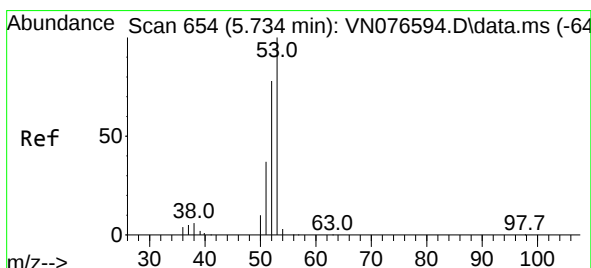
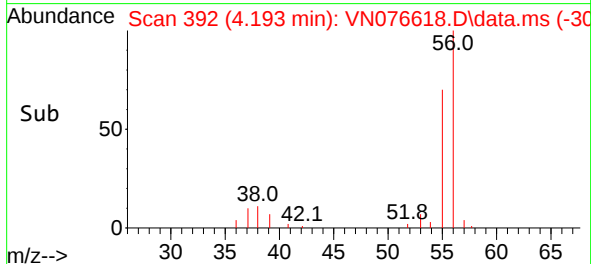
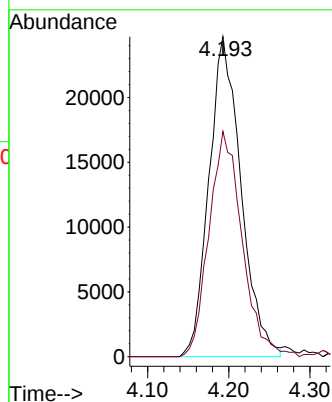
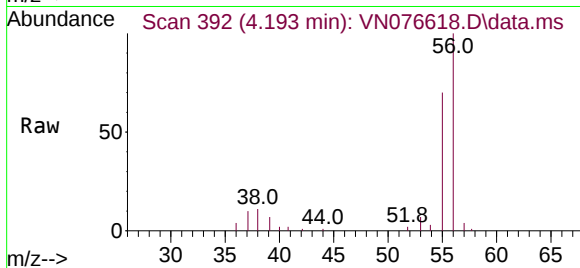
VSTDCCC020EC

Tgt Ion: 56 Resp: 67721

Ion Ratio Lower Upper

56 100

55 72.7 56.2 84.2



#14

Acrylonitrile

Concen: 88.187 ug/l

RT: 5.734 min Scan# 654

Delta R.T. -0.008 min

Lab File: VN076618.D

Acq: 10 Feb 2023 18:45

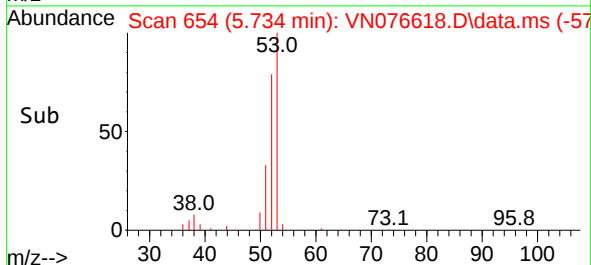
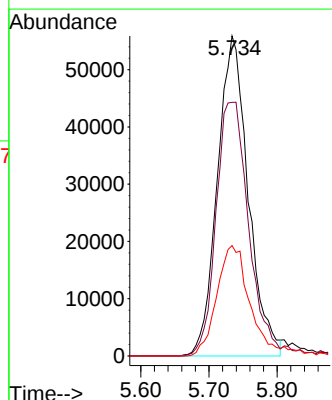
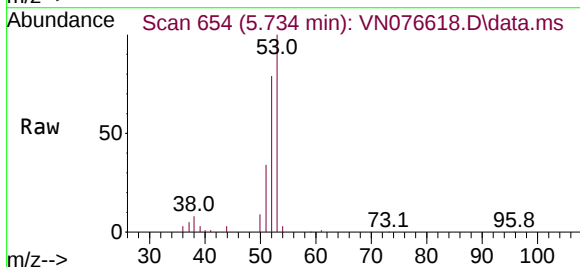
Tgt Ion: 53 Resp: 175597

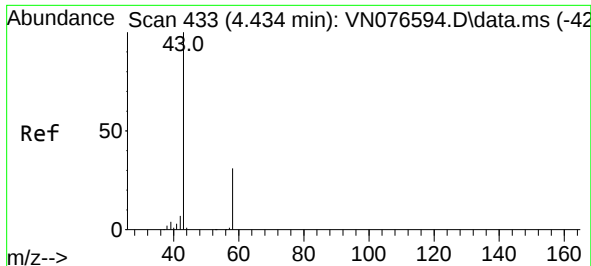
Ion Ratio Lower Upper

53 100

52 83.4 40.8 122.4

51 36.4 17.0 51.0





#15

Acetone

Concen: 80.455 ug/l

RT: 4.440 min Scan# 41

Delta R.T. -0.013 min

Lab File: VN076618.D

Acq: 10 Feb 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :

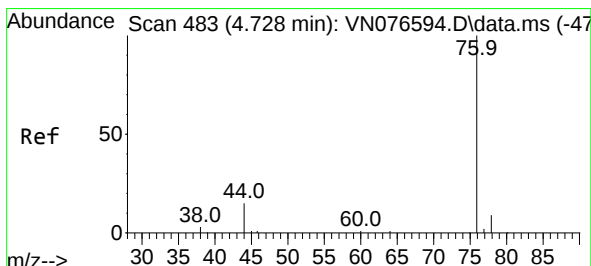
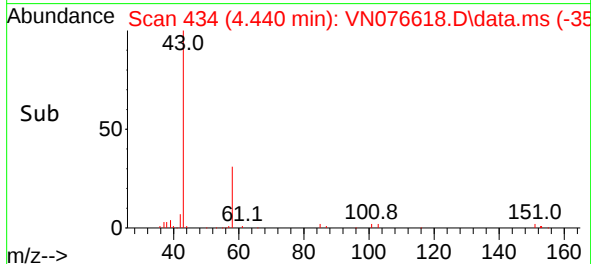
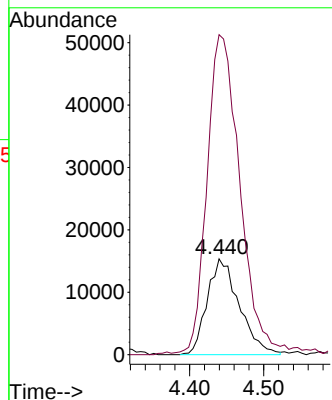
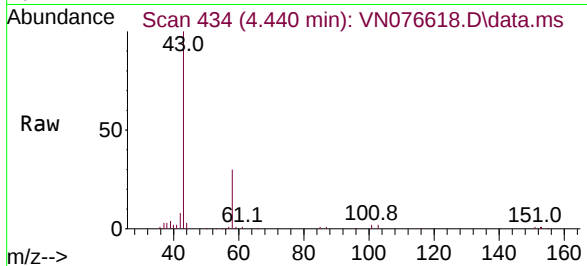
VSTDCCC020EC

Tgt Ion: 58 Resp: 46256

Ion Ratio Lower Upper

58 100

43 338.1 232.2 348.4



#16

Carbon Disulfide

Concen: 18.611 ug/l

RT: 4.728 min Scan# 483

Delta R.T. -0.008 min

Lab File: VN076618.D

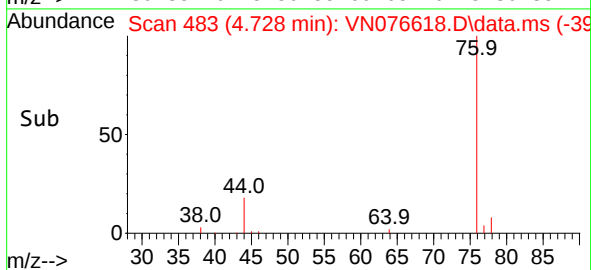
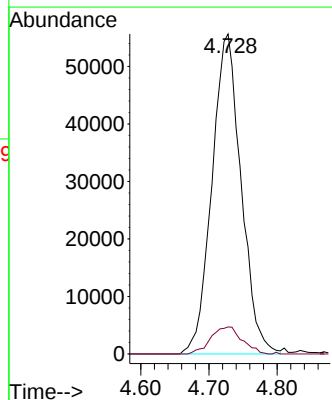
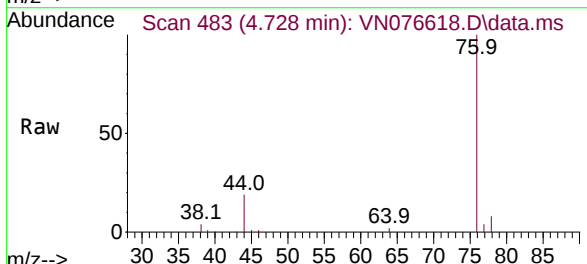
Acq: 10 Feb 2023 18:45

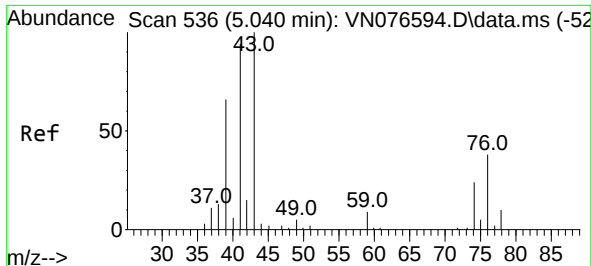
Tgt Ion: 76 Resp: 165653

Ion Ratio Lower Upper

76 100

78 8.4 7.2 10.8





#17

Allyl chloride

Concen: 14.914 ug/l

RT: 5.034 min Scan# 51

Delta R.T. -0.008 min

Lab File: VN076618.D

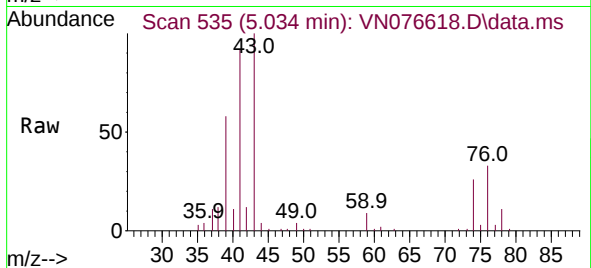
Acq: 10 Feb 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



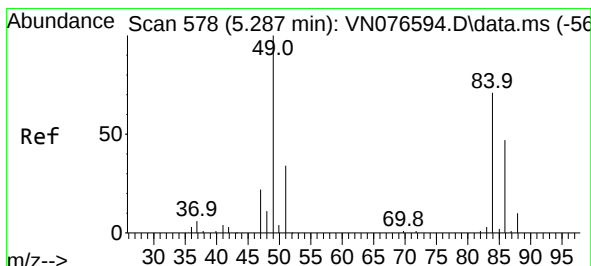
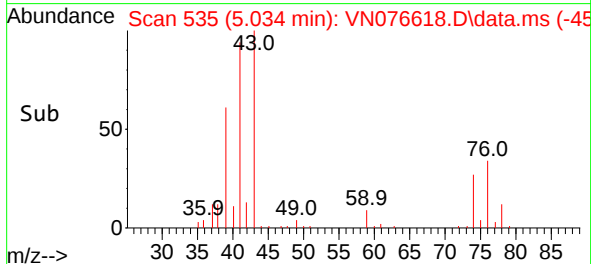
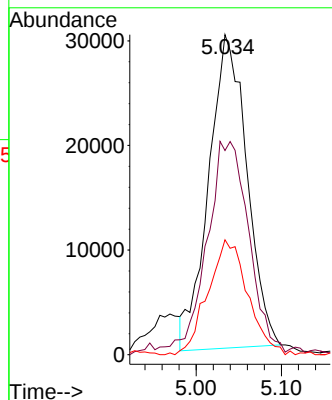
Tgt Ion: 41 Resp: 93118

Ion Ratio Lower Upper

41 100

39 61.9 39.1 117.5

76 35.7 19.8 59.4



#18

Methylene Chloride

Concen: 18.919 ug/l

RT: 5.287 min Scan# 578

Delta R.T. -0.013 min

Lab File: VN076618.D

Acq: 10 Feb 2023 18:45

Tgt Ion: 84 Resp: 72506

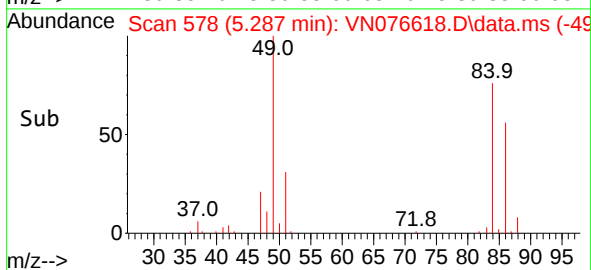
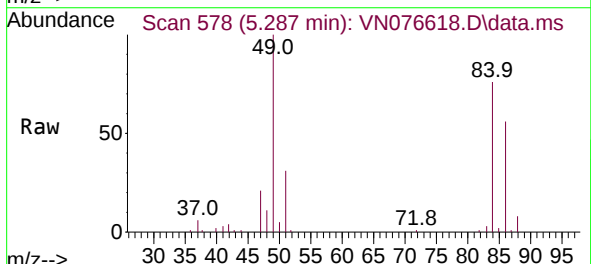
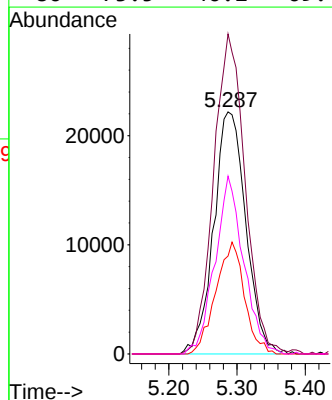
Ion Ratio Lower Upper

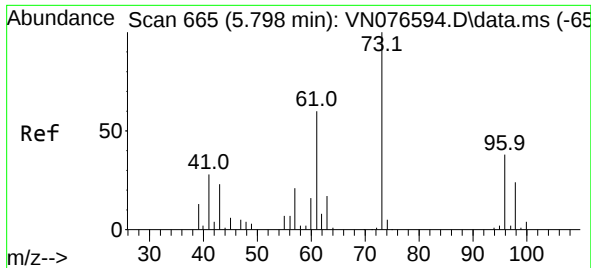
84 100

49 132.2 99.6 149.4

51 40.5 28.2 42.2

86 73.5 46.2 69.4#

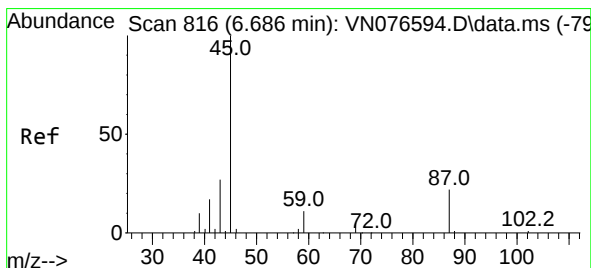
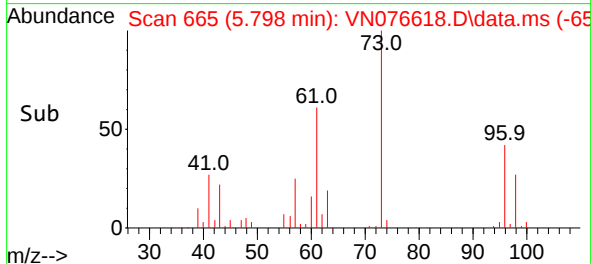
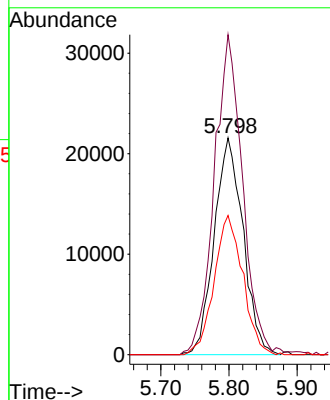
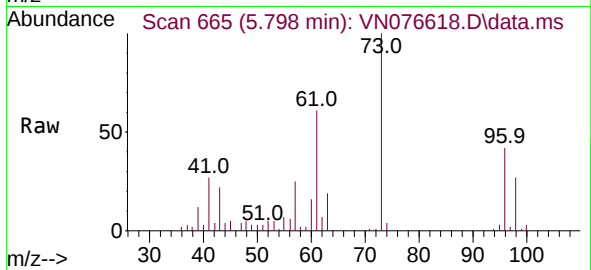




#19
trans-1,2-Dichloroethene
Concen: 19.040 ug/l
RT: 5.798 min Scan# 665
Delta R.T. -0.014 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

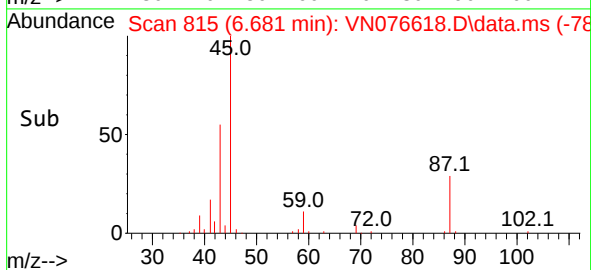
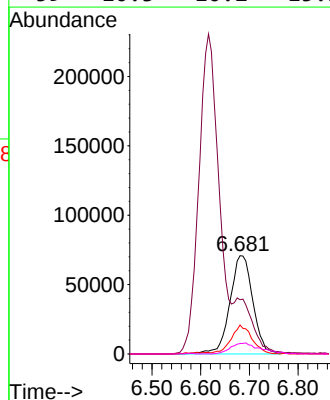
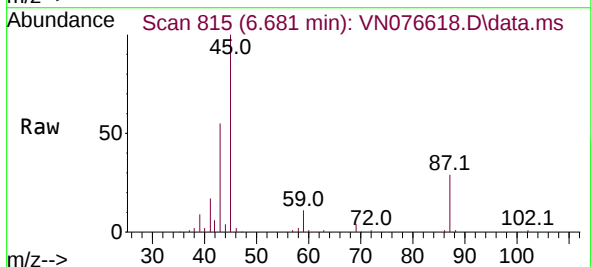
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

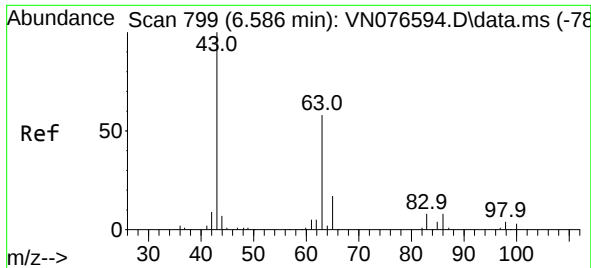
Tgt Ion: 96 Resp: 63347
Ion Ratio Lower Upper
96 100
61 147.6 110.2 165.4
98 64.2 50.0 75.0



#20
Diisopropyl ether
Concen: 16.192 ug/l
RT: 6.681 min Scan# 815
Delta R.T. -0.013 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 45 Resp: 230773
Ion Ratio Lower Upper
45 100
43 53.6 47.3 70.9
87 29.4 21.8 32.8
59 10.3 10.2 15.2

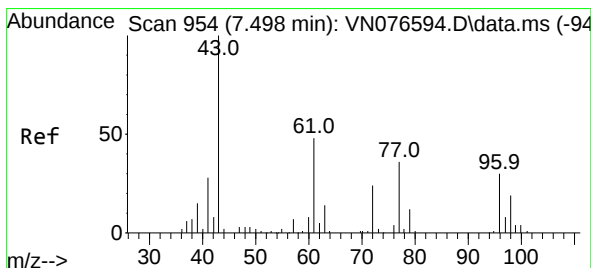
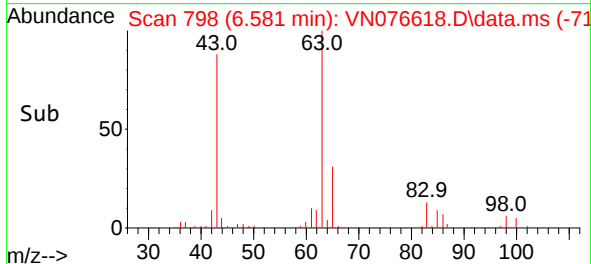
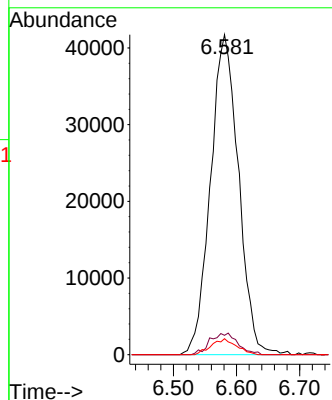
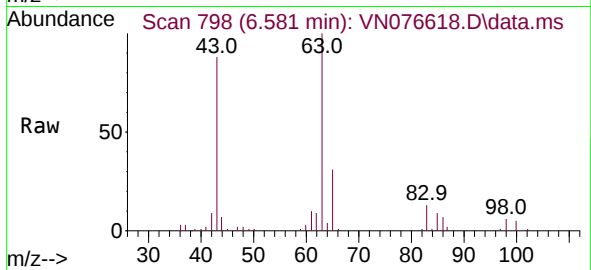




#21
1,1-Dichloroethane
Concen: 16.537 ug/l
RT: 6.581 min Scan# 798
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

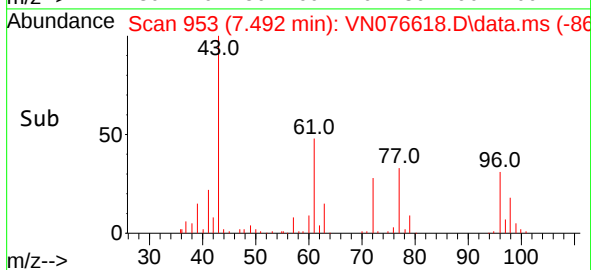
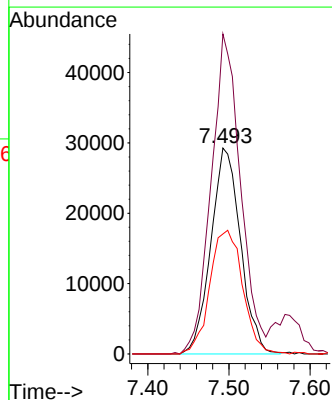
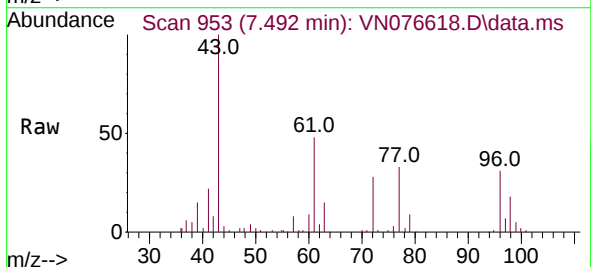
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

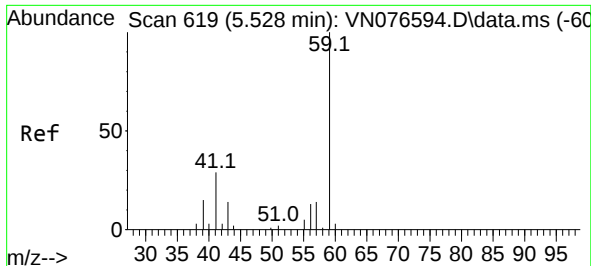
Tgt Ion: 63 Resp: 128525
Ion Ratio Lower Upper
63 100
98 6.0 3.3 9.9
100 5.0 2.2 6.6



#22
cis-1,2-Dichloroethene
Concen: 18.645 ug/l
RT: 7.492 min Scan# 953
Delta R.T. -0.008 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 96 Resp: 74330
Ion Ratio Lower Upper
96 100
61 153.9 118.8 178.2
98 66.6 52.1 78.1

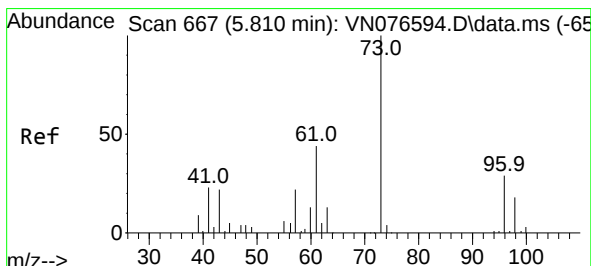
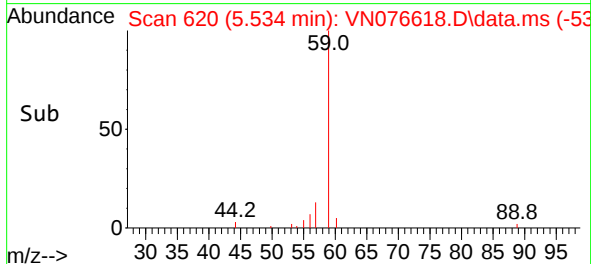
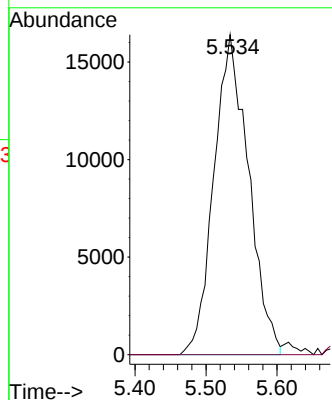
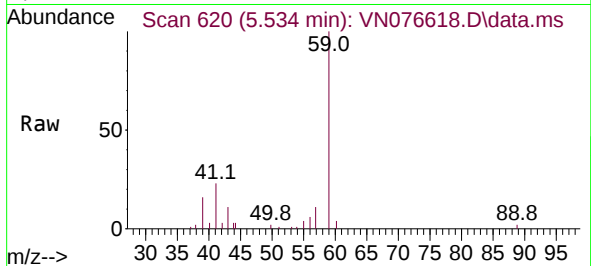




#23
tert-Butyl Alcohol
Concen: 83.087 ug/l
RT: 5.534 min Scan# 619
Delta R.T. -0.025 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

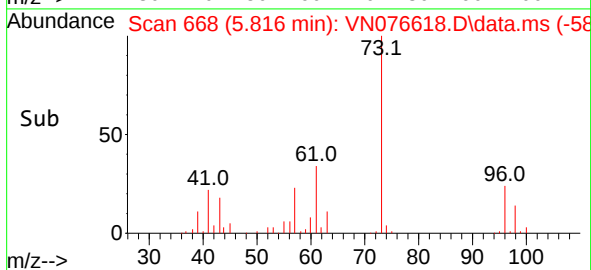
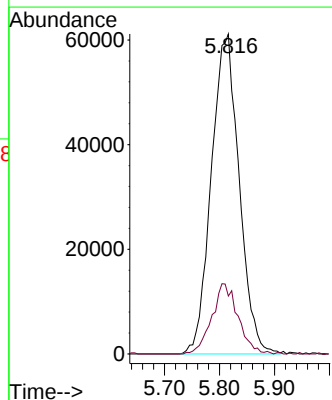
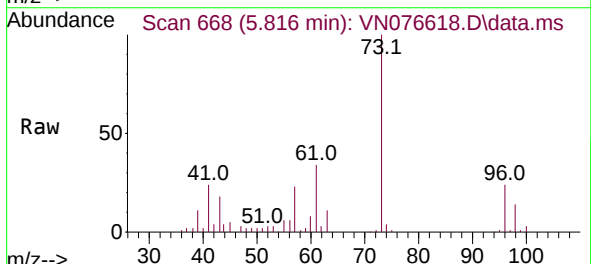
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

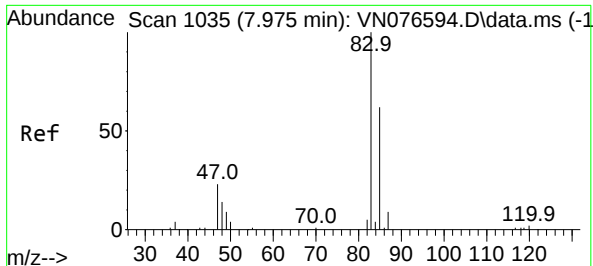
Tgt Ion: 59 Resp: 55516
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4#



#24
Methyl tert-Butyl Ether
Concen: 18.427 ug/l
RT: 5.816 min Scan# 668
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 73 Resp: 214930
Ion Ratio Lower Upper
73 100
43 20.6 15.6 23.4





#25

Chloroform

Concen: 17.112 ug/l

RT: 7.975 min Scan# 1035

Delta R.T. -0.002 min

Lab File: VN076618.D

Acq: 10 Feb 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :

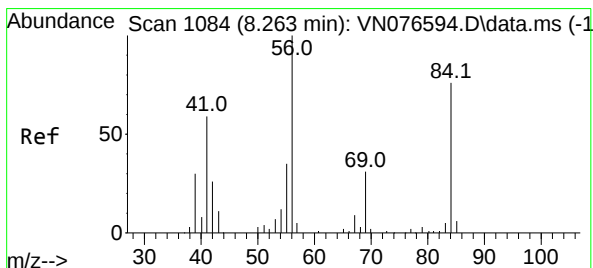
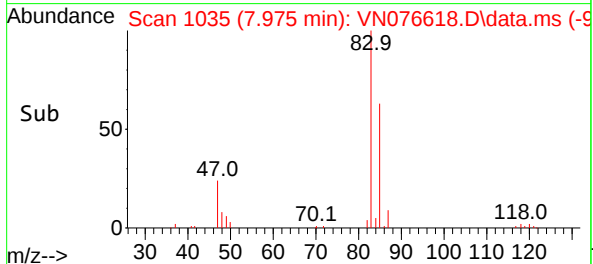
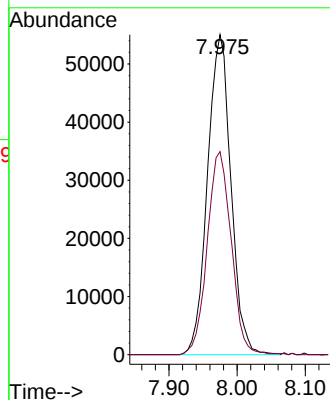
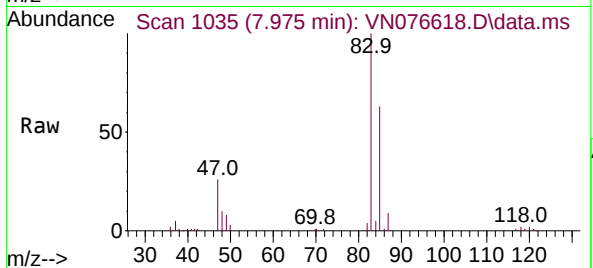
VSTDCCC020EC

Tgt Ion: 83 Resp: 131600

Ion Ratio Lower Upper

83 100

85 63.4 53.6 80.4



#26

Cyclohexane

Concen: 16.122 ug/l

RT: 8.269 min Scan# 1085

Delta R.T. 0.004 min

Lab File: VN076618.D

Acq: 10 Feb 2023 18:45

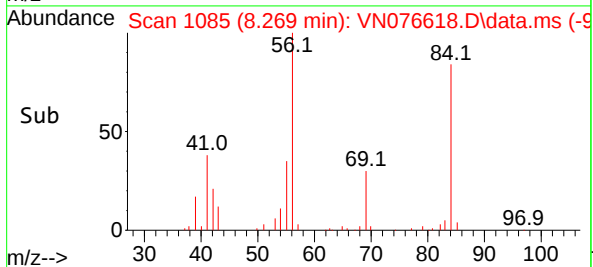
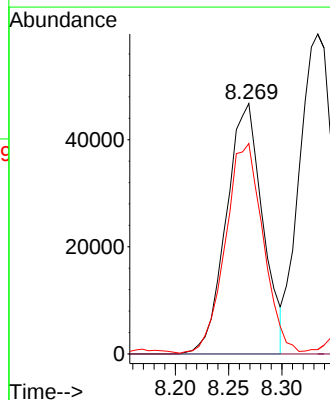
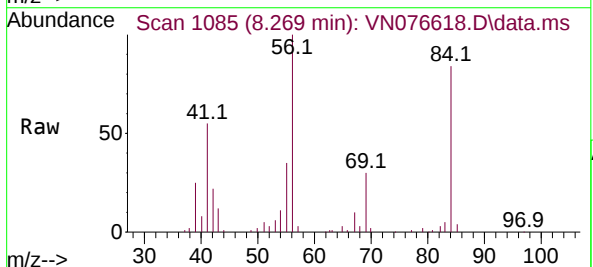
Tgt Ion: 56 Resp: 111186

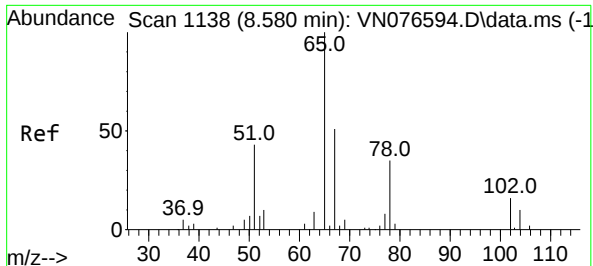
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 86.3 68.4 102.6





#27

1,2-Dichloroethane-d4

Concen: 24.739 ug/l

RT: 8.581 min Scan# 1138

Delta R.T. -0.007 min

Lab File: VN076618.D

Acq: 10 Feb 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :

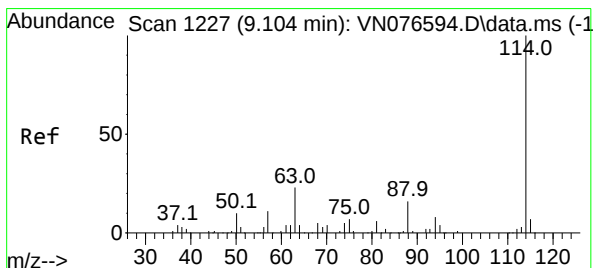
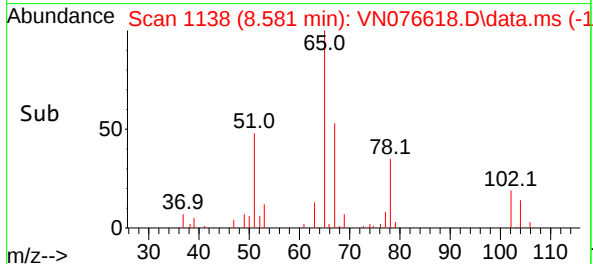
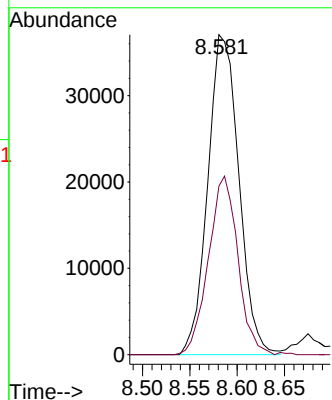
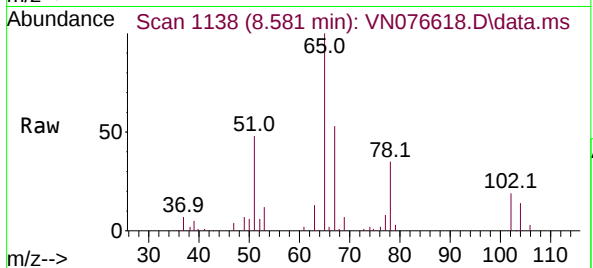
VSTDCCC020EC

Tgt Ion: 65 Resp: 84603

Ion Ratio Lower Upper

65 100

67 52.8 45.2 67.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.104 min Scan# 1227

Delta R.T. -0.002 min

Lab File: VN076618.D

Acq: 10 Feb 2023 18:45

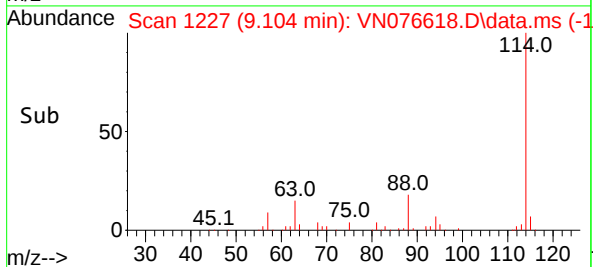
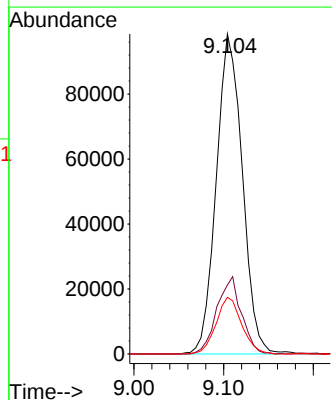
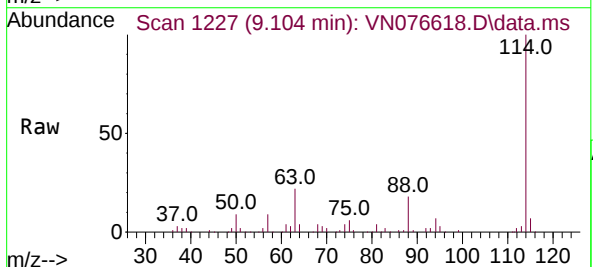
Tgt Ion: 114 Resp: 198434

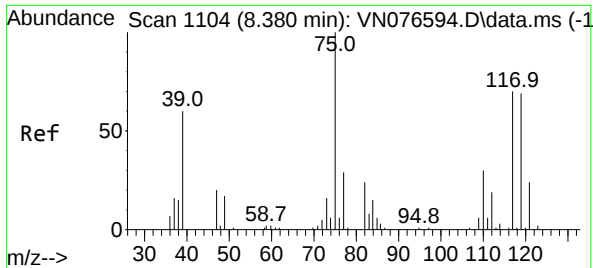
Ion Ratio Lower Upper

114 100

63 22.7 16.6 25.0

88 17.4 12.2 18.4

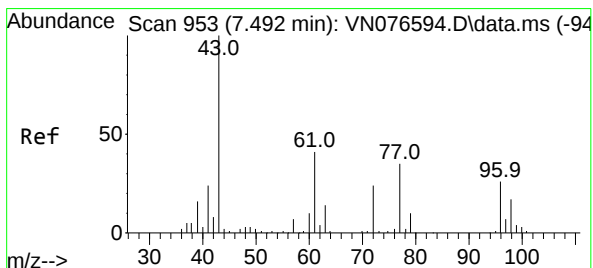
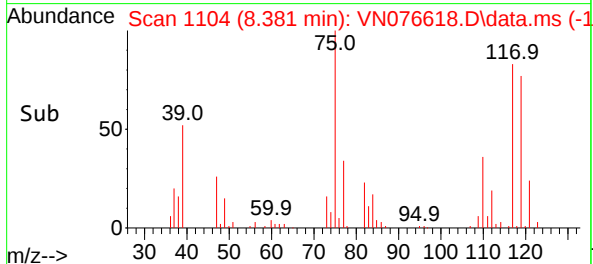
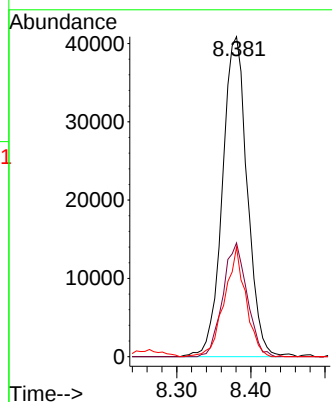
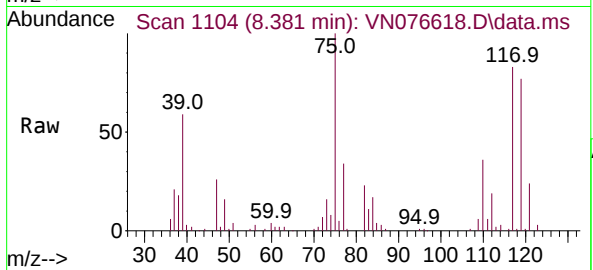




#29
1,1-Dichloropropene
Concen: 18.465 ug/l
RT: 8.381 min Scan# 1104
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

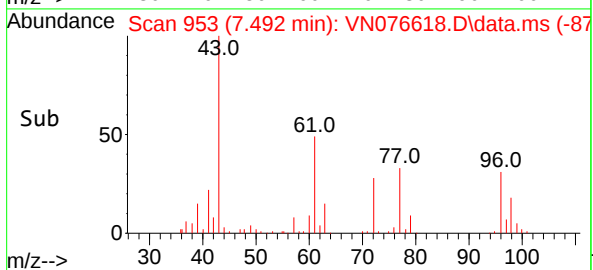
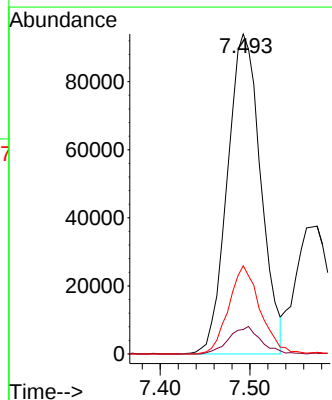
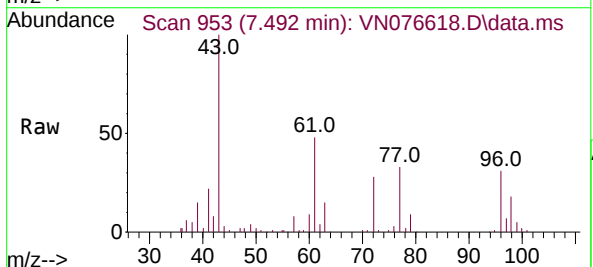
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

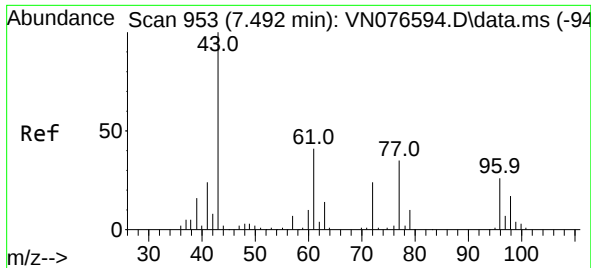
Tgt Ion: 75 Resp: 94844
Ion Ratio Lower Upper
75 100
110 34.6 0.0 72.2
77 29.7 0.0 64.0



#30
2-Butanone
Concen: 87.573 ug/l
RT: 7.492 min Scan# 953
Delta R.T. -0.014 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 43 Resp: 242794
Ion Ratio Lower Upper
43 100
57 8.1 6.3 9.5
72 26.0 21.0 31.4

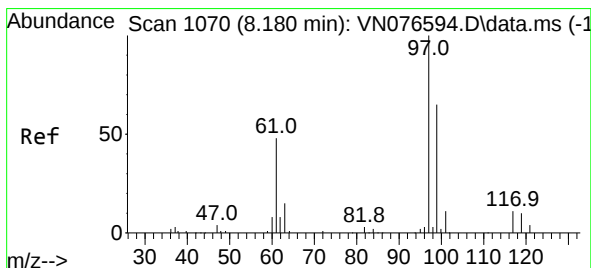
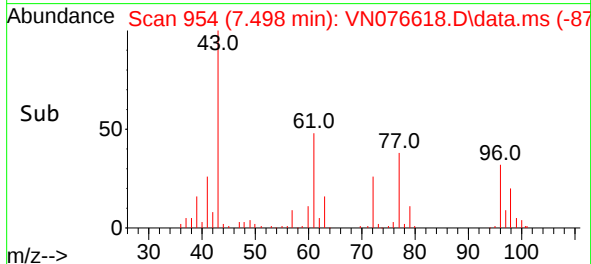
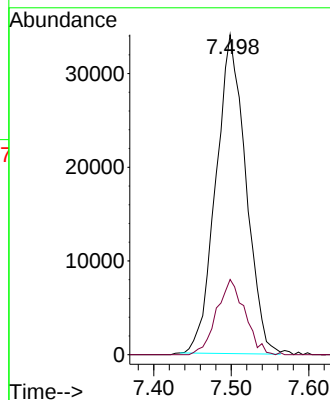
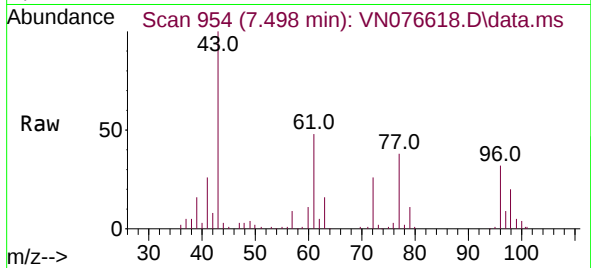




#31
2,2-Dichloropropane
Concen: 17.093 ug/l
RT: 7.498 min Scan# 911
Delta R.T. -0.008 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

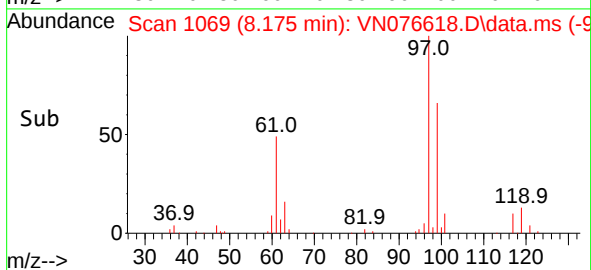
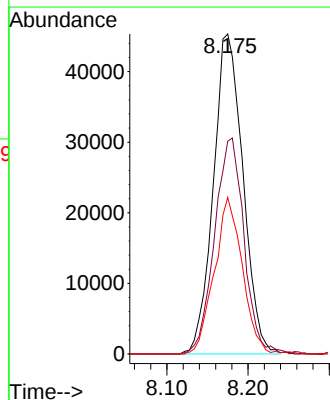
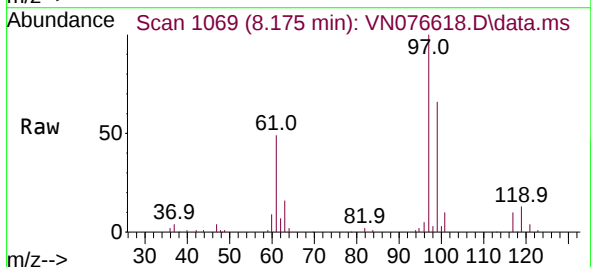
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

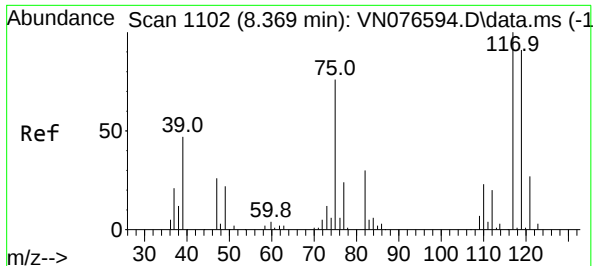
Tgt Ion: 77 Resp: 91155
Ion Ratio Lower Upper
77 100
97 22.4 18.4 27.6



#32
1,1,1-Trichloroethane
Concen: 18.015 ug/l
RT: 8.175 min Scan# 1069
Delta R.T. -0.008 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 97 Resp: 114802
Ion Ratio Lower Upper
97 100
99 67.0 50.0 75.0
61 46.2 36.1 54.1

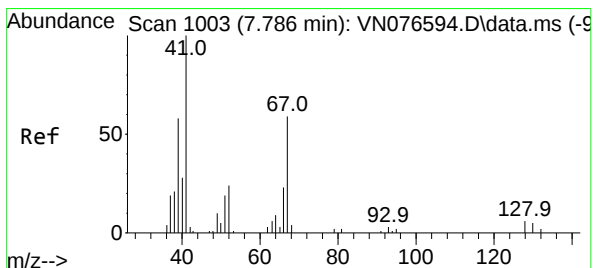
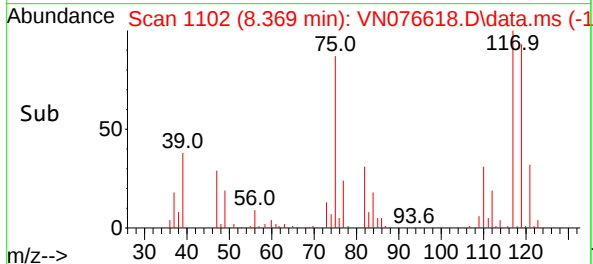
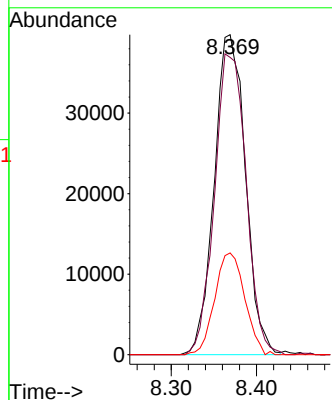
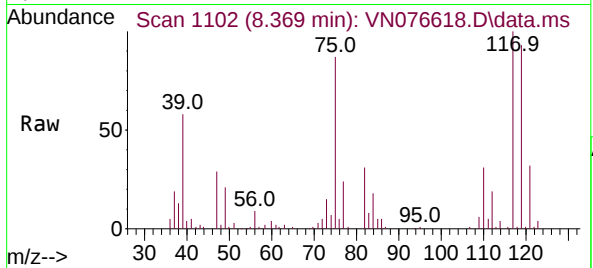




#33
Carbon Tetrachloride
Concen: 18.418 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

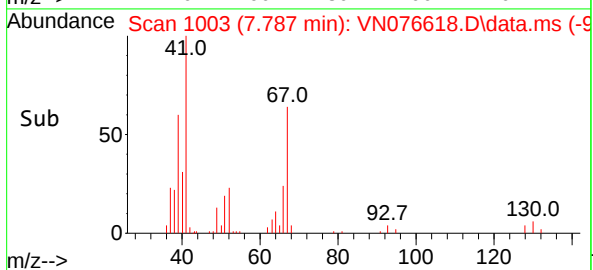
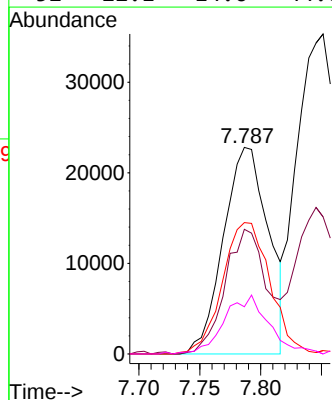
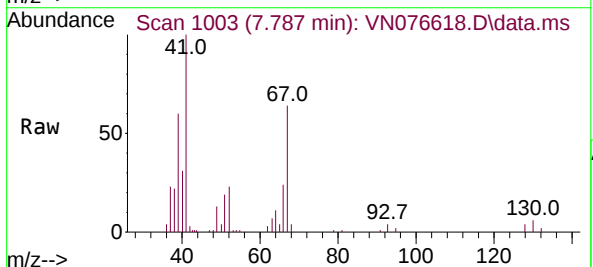
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

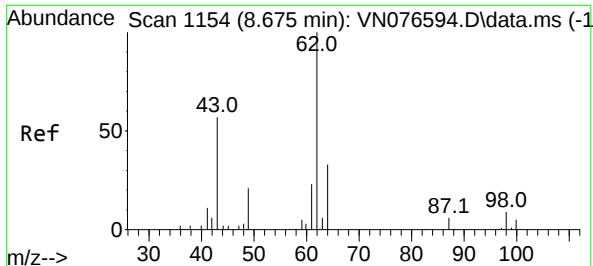
Tgt Ion:117 Resp: 101255
Ion Ratio Lower Upper
117 100
119 92.9 77.8 116.6
121 31.8 27.6 41.4



#35
Methacrylonitrile
Concen: 18.413 ug/l
RT: 7.787 min Scan# 1003
Delta R.T. -0.007 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 41 Resp: 58696
Ion Ratio Lower Upper
41 100
39 60.4 27.7 83.1
67 62.8 38.0 113.9
52 22.1 14.6 44.0





#36

1,2-Dichloroethane

Concen: 17.735 ug/l

RT: 8.675 min Scan# 1154

Delta R.T. -0.008 min

Lab File: VN076618.D

Acq: 10 Feb 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :

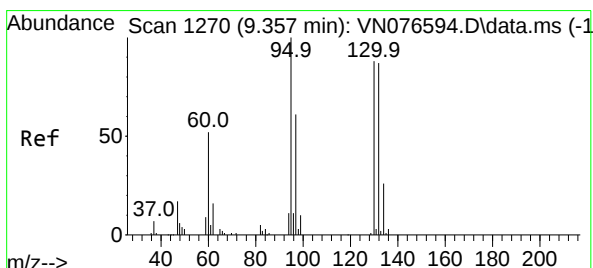
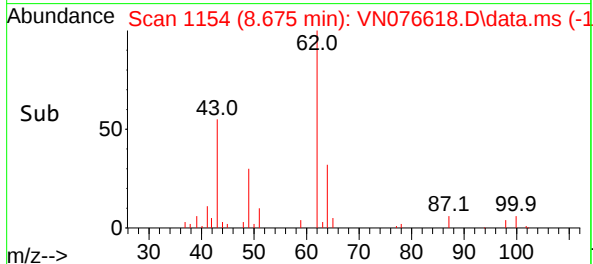
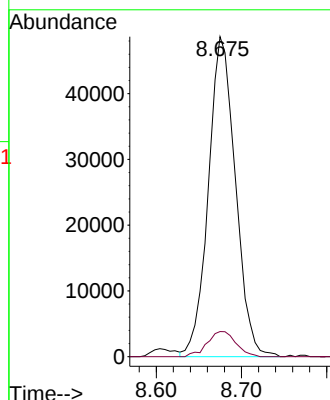
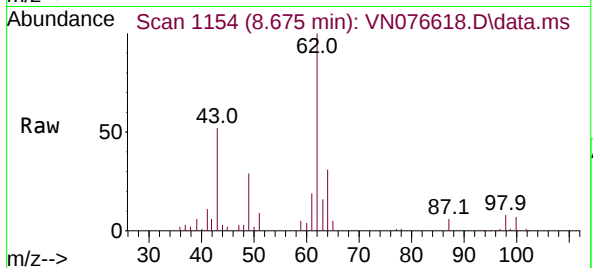
VSTDCCC020EC

Tgt Ion: 62 Resp: 107332

Ion Ratio Lower Upper

62 100

98 7.8 7.4 11.2



#37

Trichloroethene

Concen: 20.732 ug/l

RT: 9.357 min Scan# 1270

Delta R.T. -0.002 min

Lab File: VN076618.D

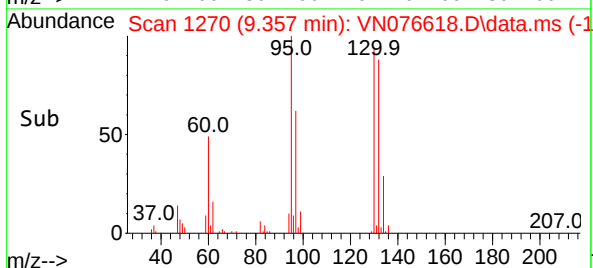
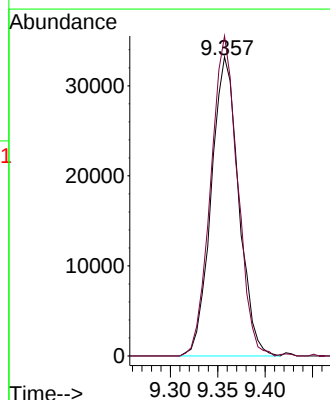
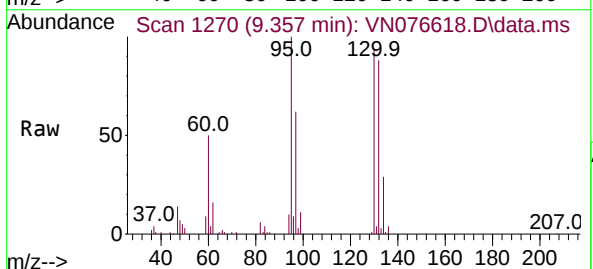
Acq: 10 Feb 2023 18:45

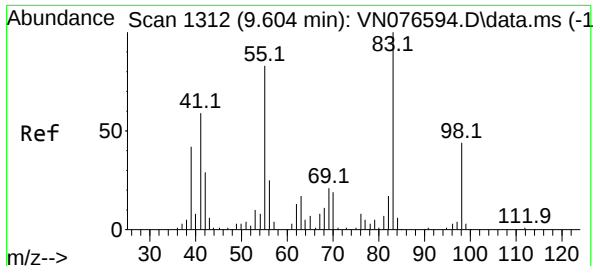
Tgt Ion:130 Resp: 66991

Ion Ratio Lower Upper

130 100

95 107.0 75.9 113.9

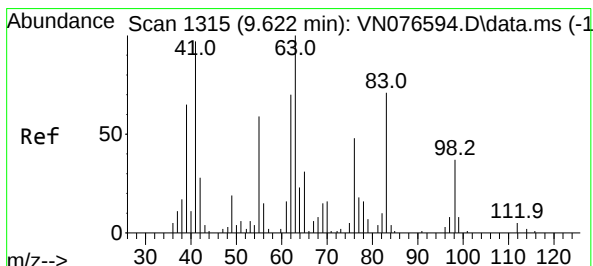
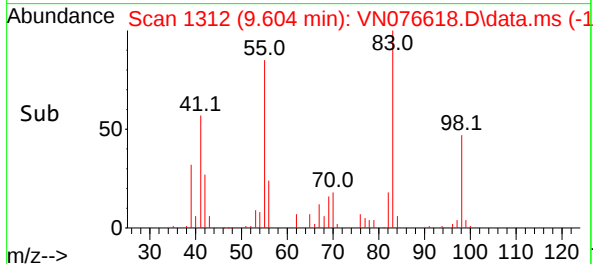
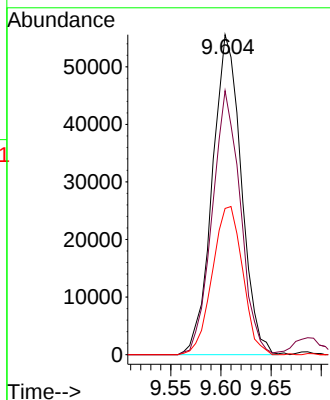
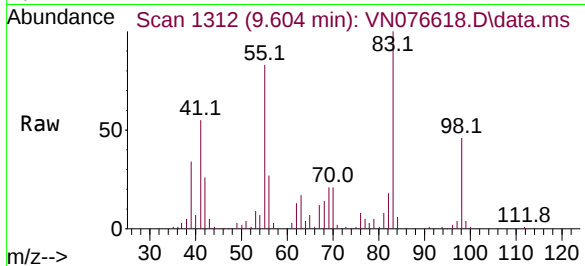




#38
Methylcyclohexane
Concen: 19.638 ug/l
RT: 9.604 min Scan# 1116
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

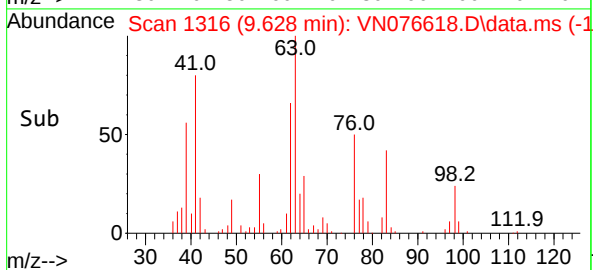
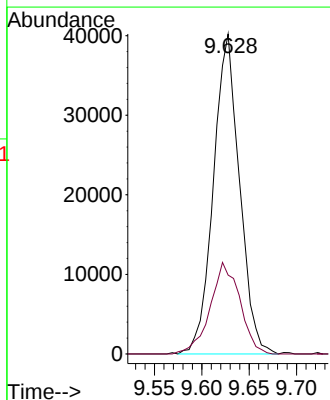
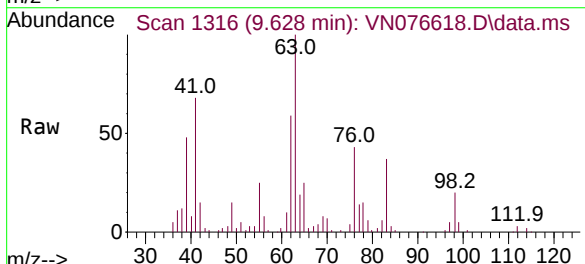
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

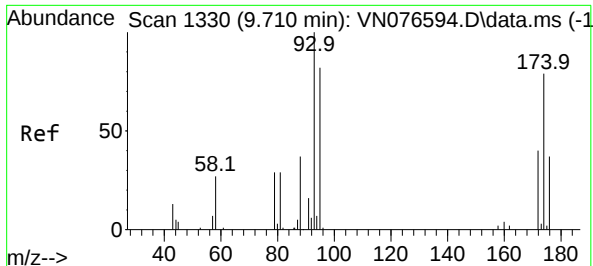
Tgt Ion: 83 Resp: 111643
Ion Ratio Lower Upper
83 100
55 80.2 37.4 112.2
98 48.4 24.5 73.5



#39
1,2-Dichloropropane
Concen: 20.468 ug/l
RT: 9.628 min Scan# 1316
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 63 Resp: 77089
Ion Ratio Lower Upper
63 100
65 24.7 25.0 37.6





#40

Dibromomethane

Concen: 19.962 ug/l

RT: 9.716 min Scan# 1331

Delta R.T. 0.004 min

Lab File: VN076618.D

Acq: 10 Feb 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

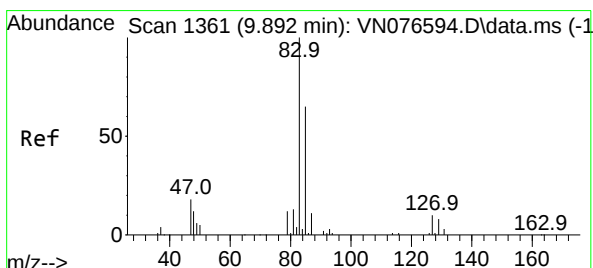
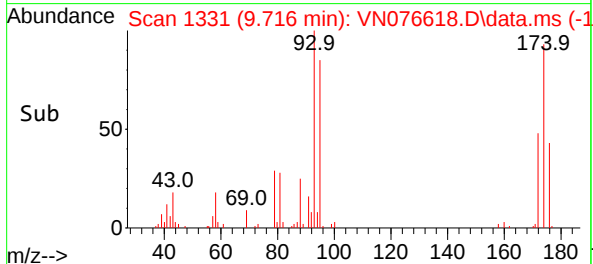
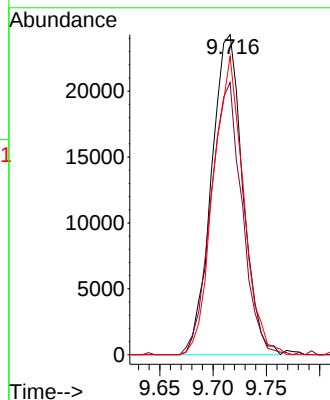
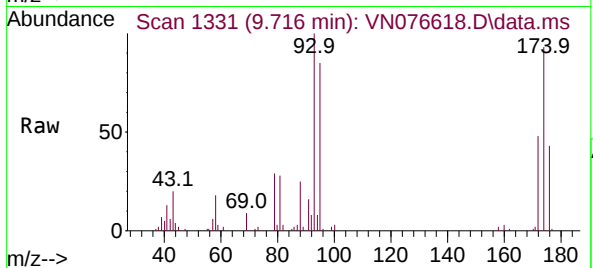
Tgt Ion: 93 Resp: 49459

Ion Ratio Lower Upper

93 100

95 85.0 0.0 168.0

174 90.0 0.0 158.4



#41

Bromodichloromethane

Concen: 19.366 ug/l

RT: 9.892 min Scan# 1361

Delta R.T. 0.004 min

Lab File: VN076618.D

Acq: 10 Feb 2023 18:45

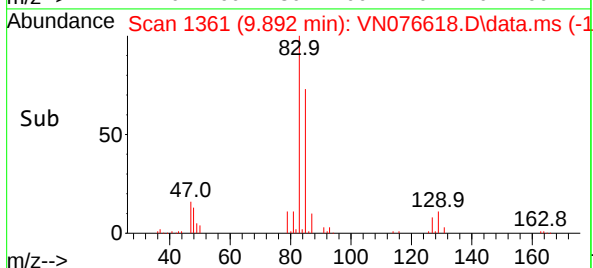
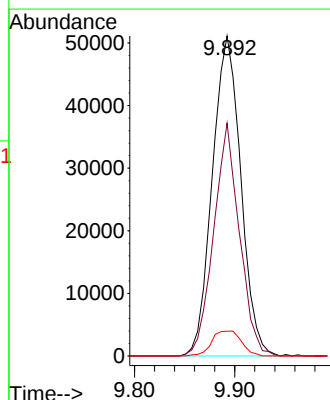
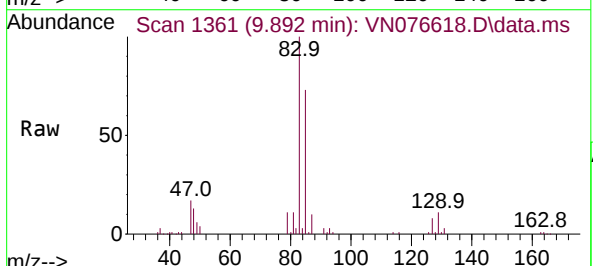
Tgt Ion: 83 Resp: 100888

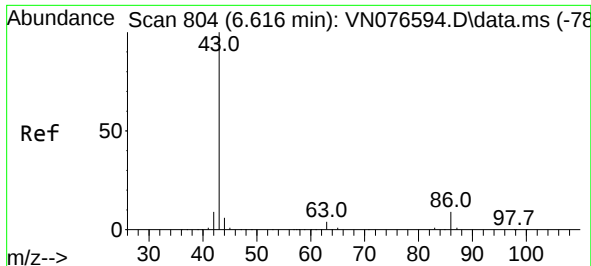
Ion Ratio Lower Upper

83 100

85 72.8 50.2 75.4

127 7.8 5.1 7.7#

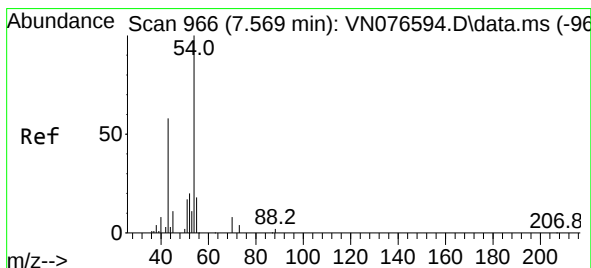
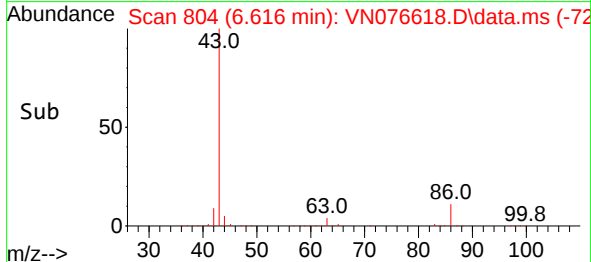
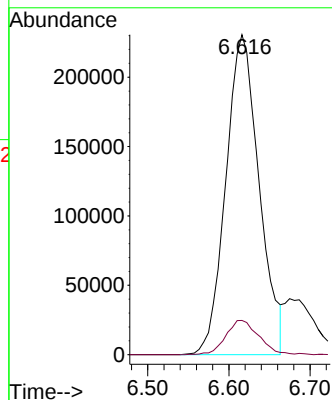
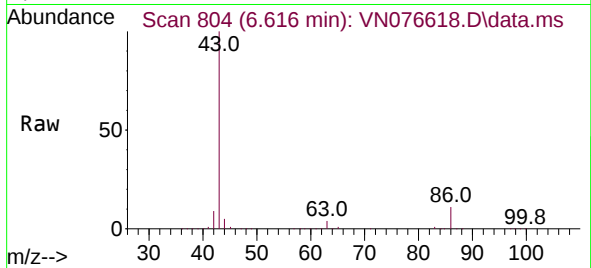




#42
 Vinyl Acetate
 Concen: 72.993 ug/l
 RT: 6.616 min Scan# 804
 Delta R.T. -0.008 min
 Lab File: VN076618.D
 Acq: 10 Feb 2023 18:45

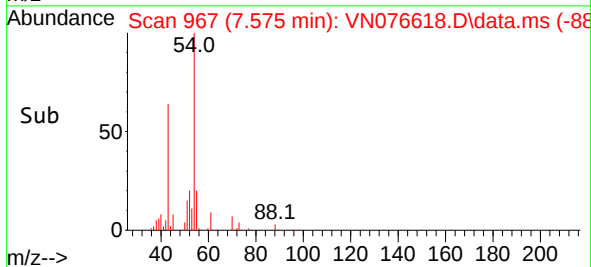
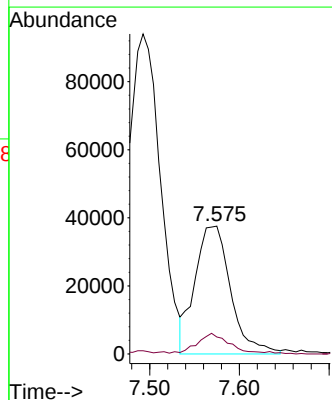
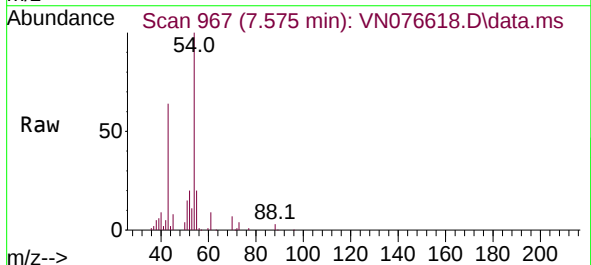
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

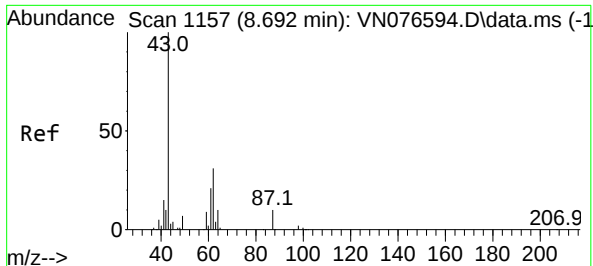
Tgt Ion: 43 Resp: 658255
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.5 11.3



#43
 Ethyl Acetate
 Concen: 18.419 ug/l
 RT: 7.575 min Scan# 967
 Delta R.T. -0.008 min
 Lab File: VN076618.D
 Acq: 10 Feb 2023 18:45

Tgt Ion: 43 Resp: 104127
 Ion Ratio Lower Upper
 43 100
 45 14.6 11.5 17.3





#44

Isopropyl Acetate

Concen: 17.281 ug/l

RT: 8.698 min Scan# 1157

Delta R.T. 0.004 min

Lab File: VN076618.D

Acq: 10 Feb 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :

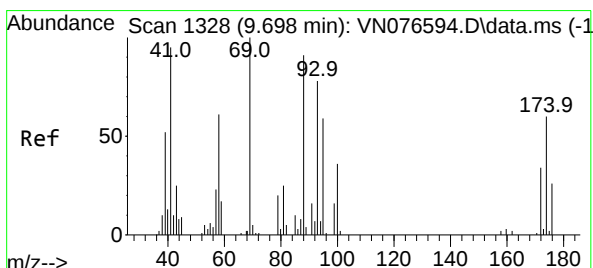
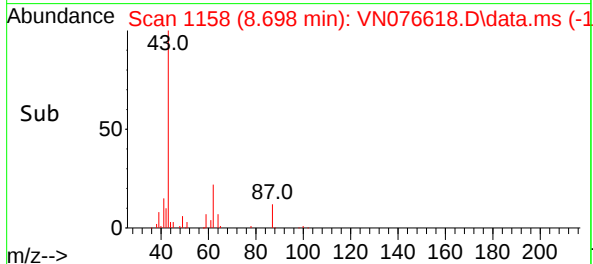
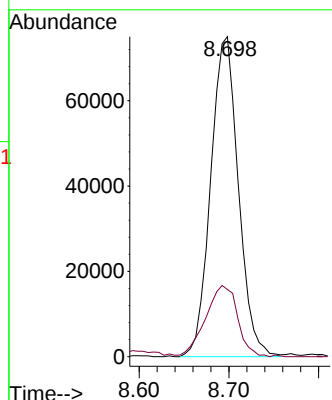
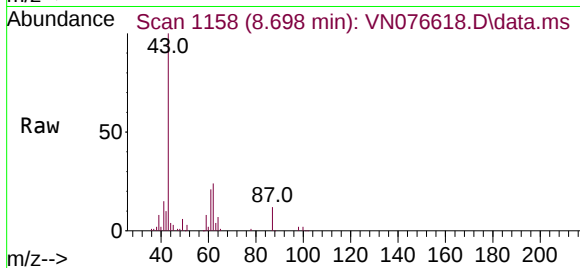
VSTDCCC020EC

Tgt Ion: 43 Resp: 160703

Ion Ratio Lower Upper

43 100

61 25.6 19.5 29.3



#45

1,4-Dioxane

Concen: 399.543 ug/l

RT: 9.698 min Scan# 1328

Delta R.T. -0.002 min

Lab File: VN076618.D

Acq: 10 Feb 2023 18:45

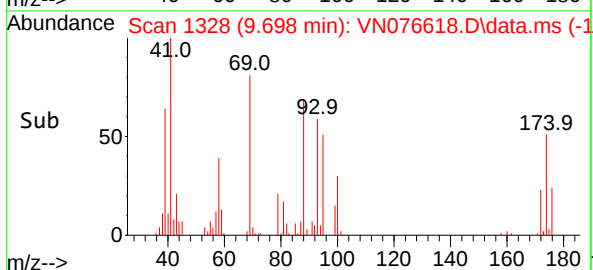
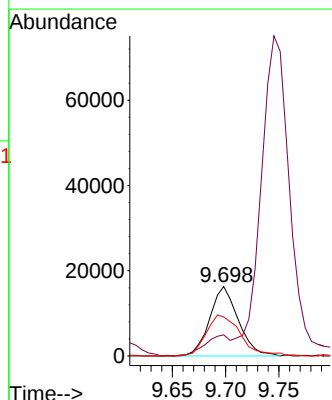
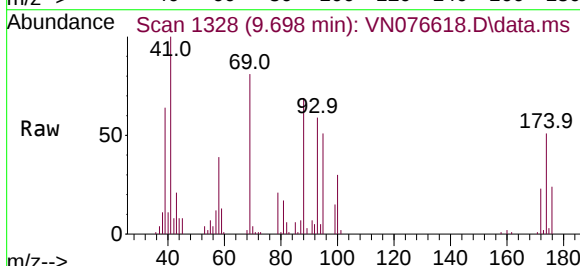
Tgt Ion: 88 Resp: 30288

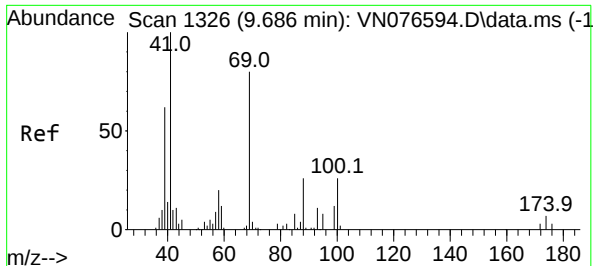
Ion Ratio Lower Upper

88 100

43 26.7 25.7 38.5

58 70.0 53.4 80.2

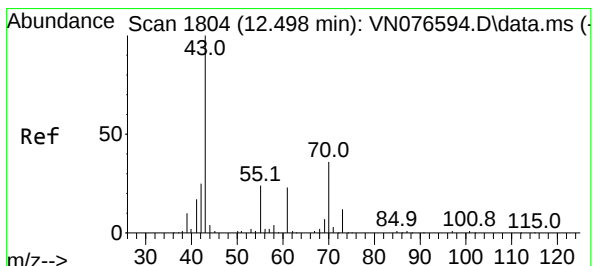
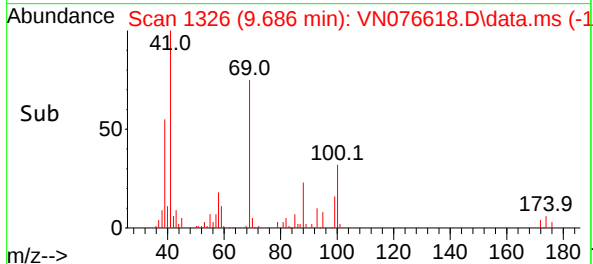
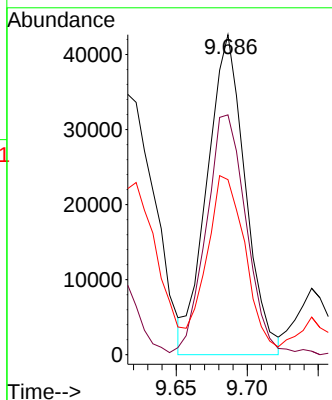
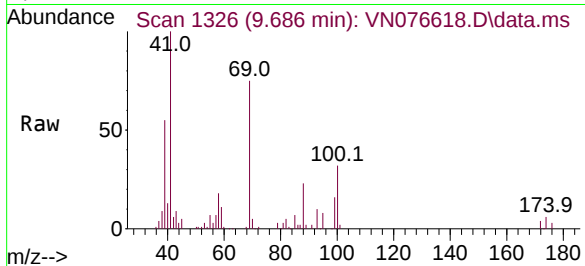




#46
Methyl methacrylate
Concen: 17.767 ug/l
RT: 9.686 min Scan# 11
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

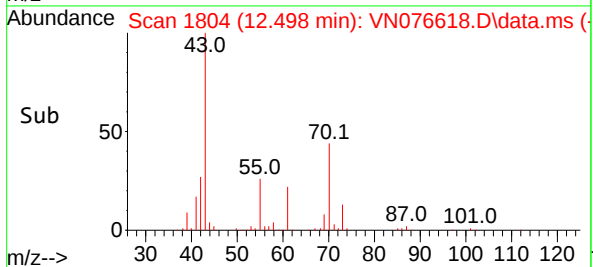
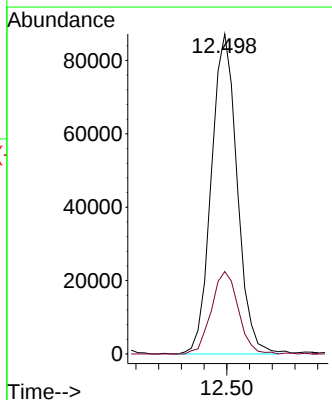
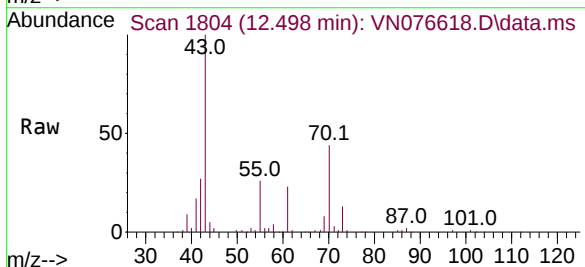
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

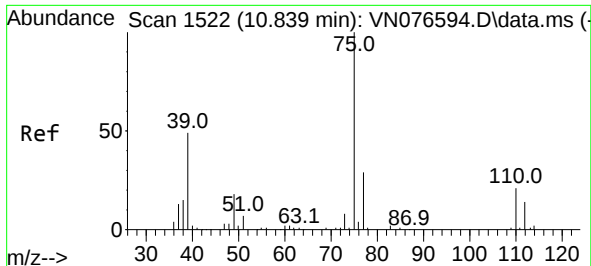
Tgt Ion: 41 Resp: 79660
Ion Ratio Lower Upper
41 100
69 77.2 45.6 136.7
39 55.3 32.3 96.9



#47
n-amy1 Acetate
Concen: 17.443 ug/l
RT: 12.498 min Scan# 1804
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 43 Resp: 137880
Ion Ratio Lower Upper
43 100
55 26.6 16.8 25.2#





#48

t-1,3-Dichloropropene

Concen: 18.608 ug/l

RT: 10.839 min Scan# 1522

Delta R.T. -0.002 min

Lab File: VN076618.D

Acq: 10 Feb 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :

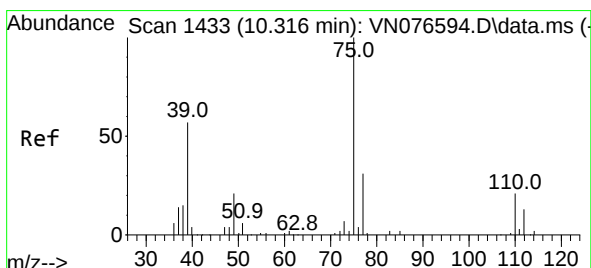
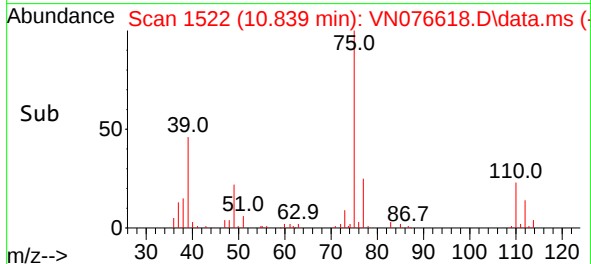
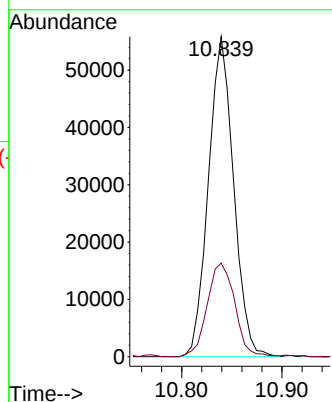
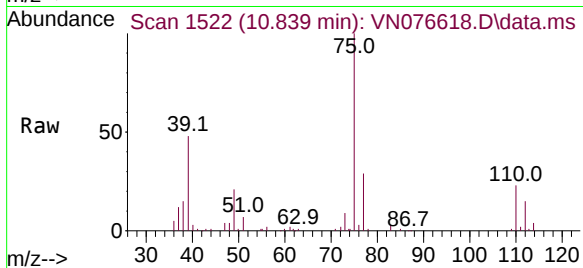
VSTDCCC020EC

Tgt Ion: 75 Resp: 97586

Ion Ratio Lower Upper

75 100

77 29.2 25.8 38.8



#49

cis-1,3-Dichloropropene

Concen: 18.998 ug/l

RT: 10.316 min Scan# 1433

Delta R.T. -0.002 min

Lab File: VN076618.D

Acq: 10 Feb 2023 18:45

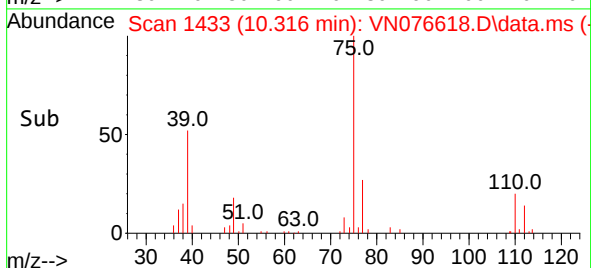
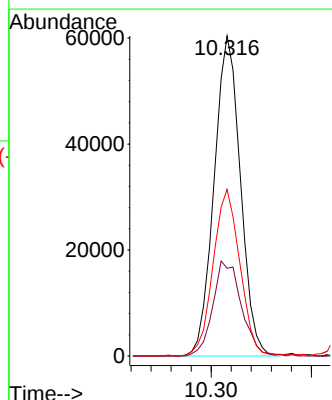
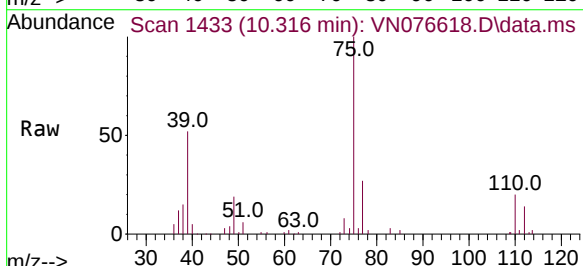
Tgt Ion: 75 Resp: 110132

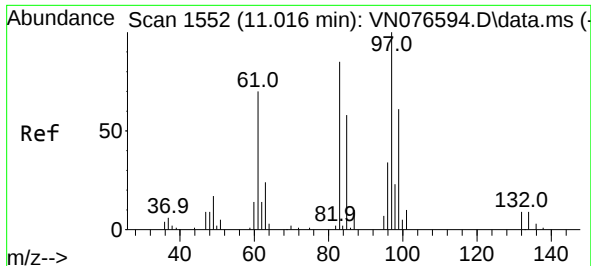
Ion Ratio Lower Upper

75 100

77 27.4 22.5 33.7

39 52.1 37.6 56.4

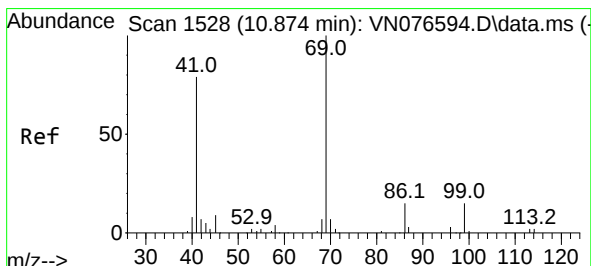
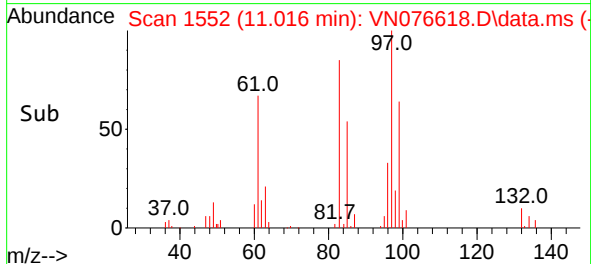
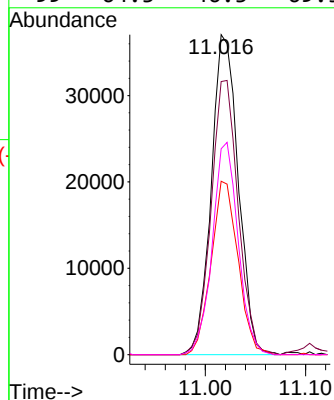
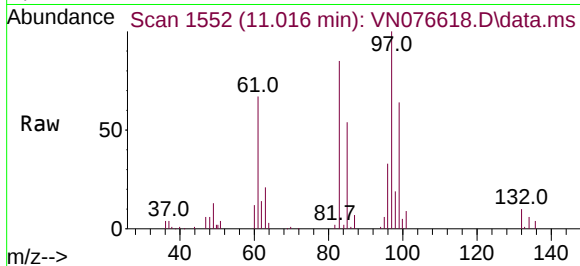




#50
1,1,2-Trichloroethane
Concen: 20.585 ug/l
RT: 11.016 min Scan# 1552
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

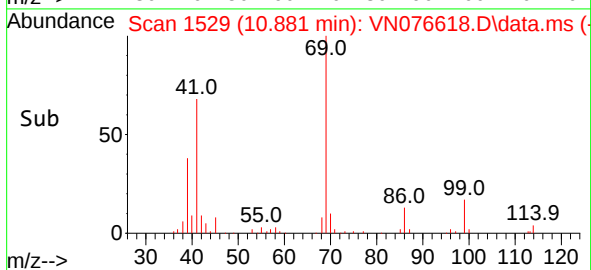
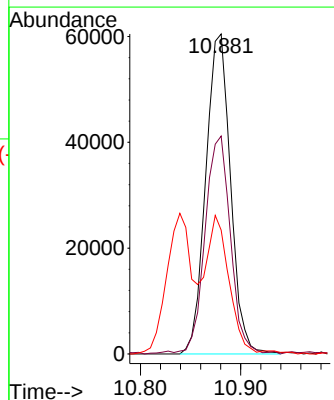
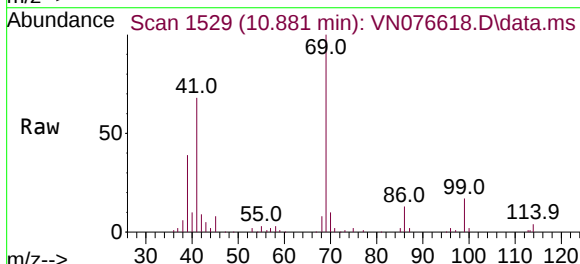
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

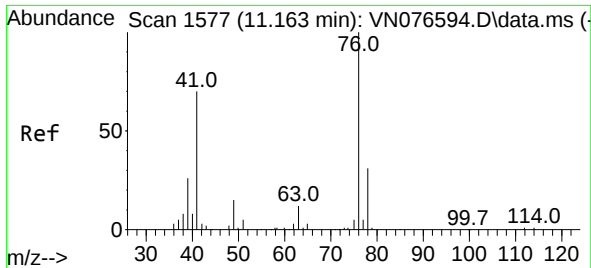
Tgt Ion: 97	Resp: 69267
Ion Ratio	Lower Upper
97 100	
83 85.4	69.2 103.8
85 54.2	41.4 62.2
99 64.3	46.3 69.5



#51
Ethyl methacrylate
Concen: 19.464 ug/l
RT: 10.881 min Scan# 1529
Delta R.T. 0.004 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 69	Resp: 103999
Ion Ratio	Lower Upper
69 100	
41 68.1	32.5 97.5
39 38.2	21.5 64.5

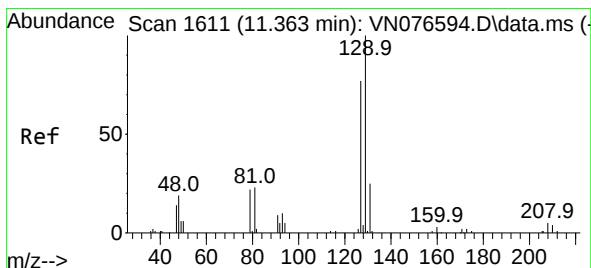
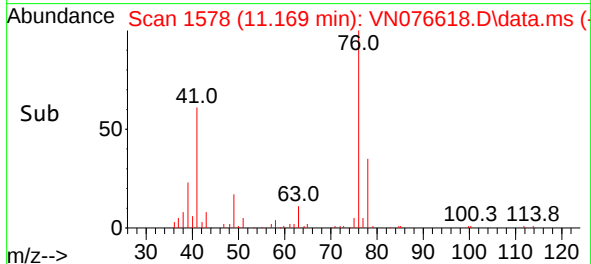
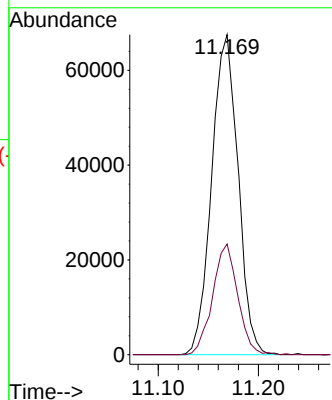
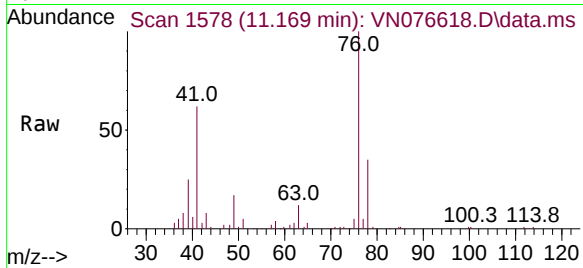




#52
1,3-Dichloropropane
Concen: 19.708 ug/l
RT: 11.169 min Scan# 1577
Delta R.T. 0.004 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

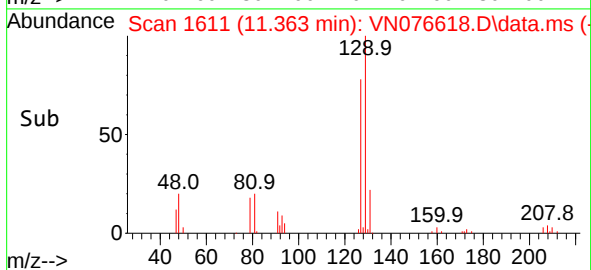
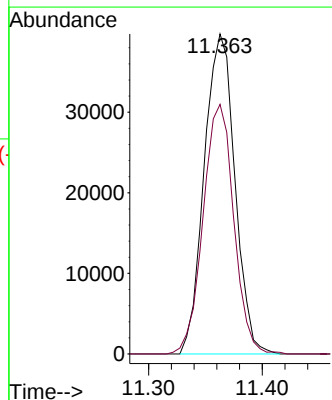
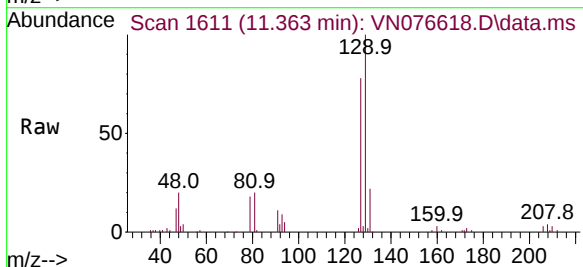
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

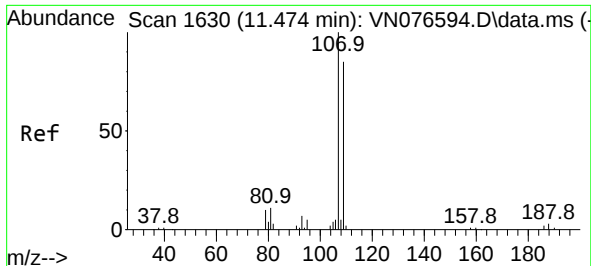
Tgt Ion: 76 Resp: 123620
Ion Ratio Lower Upper
76 100
78 32.9 0.0 63.8



#53
Dibromochloromethane
Concen: 21.308 ug/l
RT: 11.363 min Scan# 1611
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 129 Resp: 74503
Ion Ratio Lower Upper
129 100
127 77.7 40.6 121.7

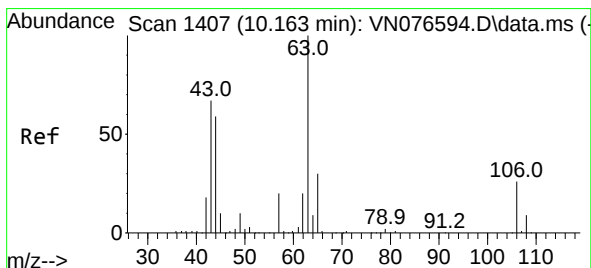
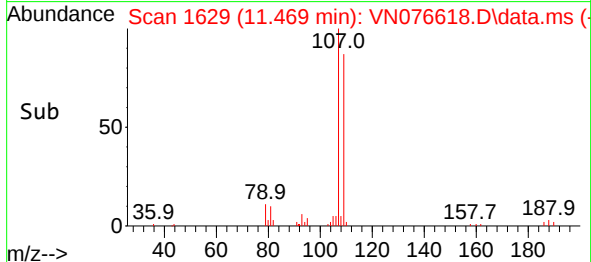
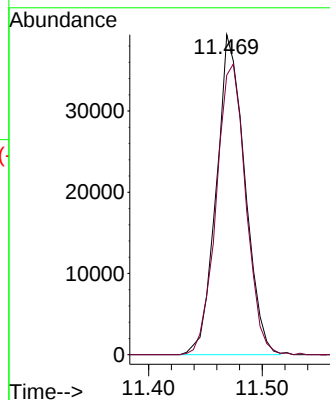
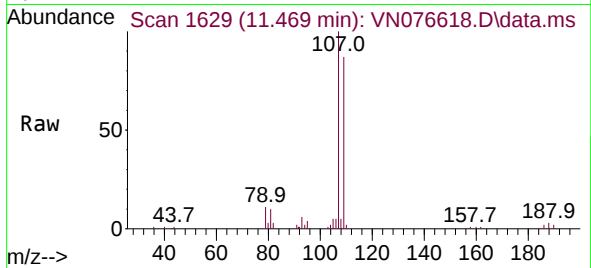




#54
1,2-Dibromoethane
Concen: 20.156 ug/l
RT: 11.469 min Scan# 1
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

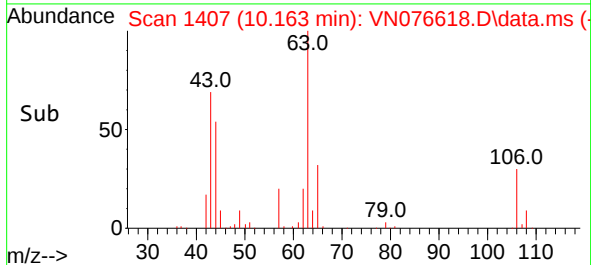
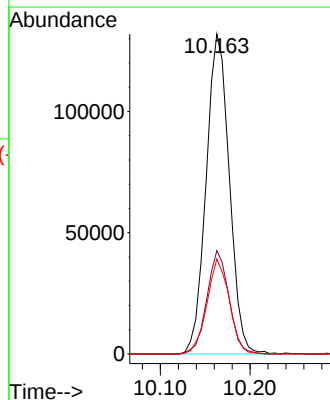
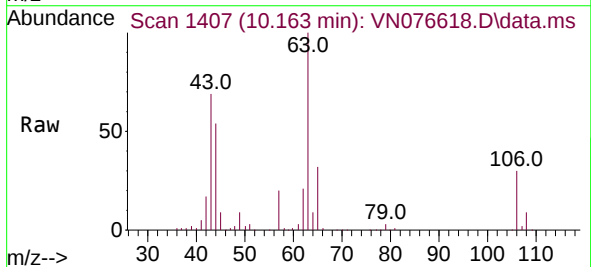
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

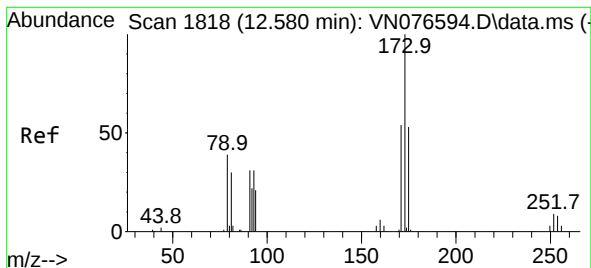
Tgt Ion:107 Resp: 68631
Ion Ratio Lower Upper
107 100
109 94.1 76.2 114.2



#55
2-Chloroethyl vinyl ether
Concen: 96.975 ug/l
RT: 10.163 min Scan# 1407
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 63 Resp: 236671
Ion Ratio Lower Upper
63 100
65 30.6 24.6 36.8
106 28.6 21.3 31.9

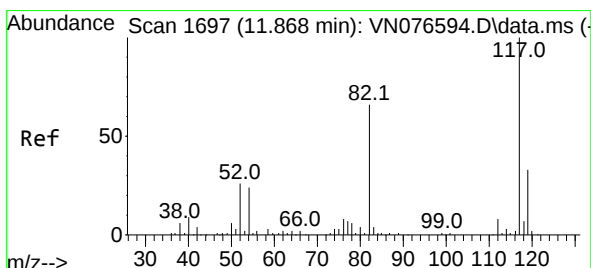
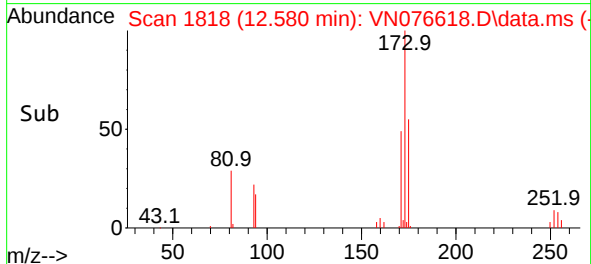
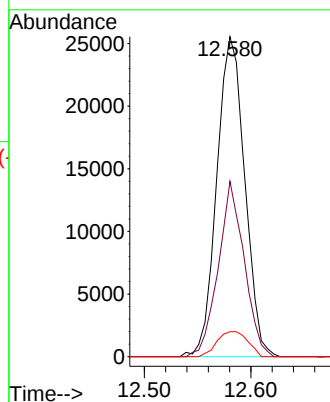
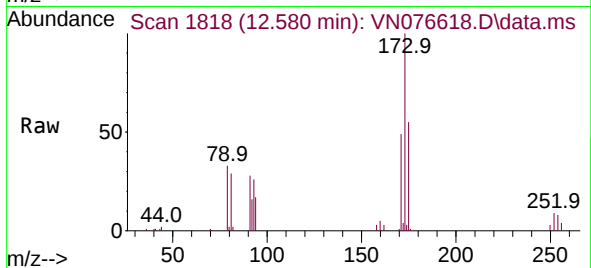




#56
Bromoform
Concen: 20.648 ug/l
RT: 12.580 min Scan# 1818
Delta R.T. 0.004 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

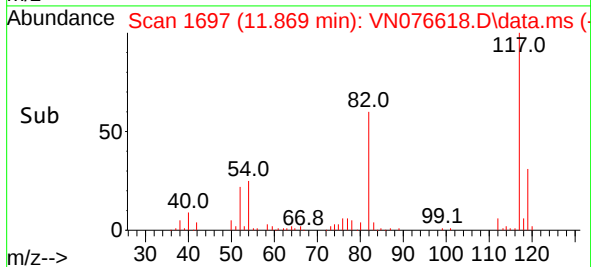
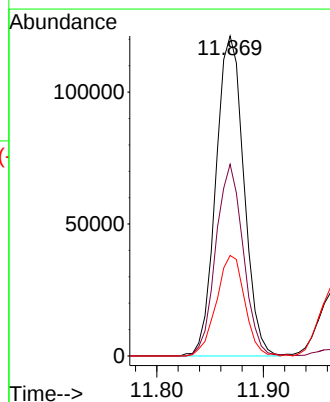
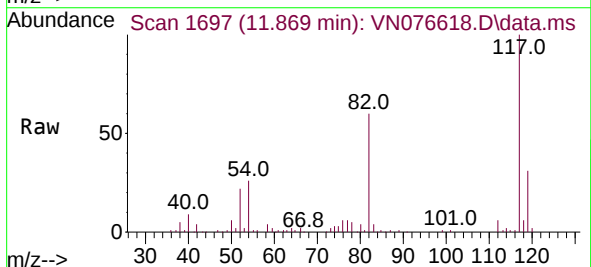
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

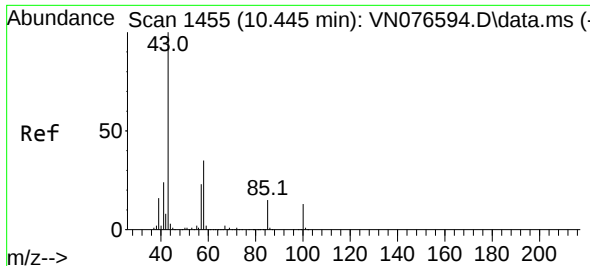
Tgt Ion:173 Resp: 46497
Ion Ratio Lower Upper
173 100
175 50.8 39.1 58.7
254 8.6 7.0 10.6



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.869 min Scan# 1697
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion:117 Resp: 220664
Ion Ratio Lower Upper
117 100
82 58.8 44.6 67.0
119 31.8 25.6 38.4

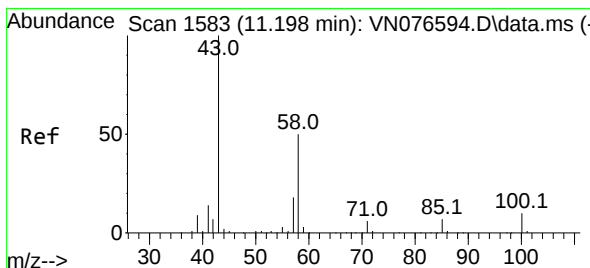
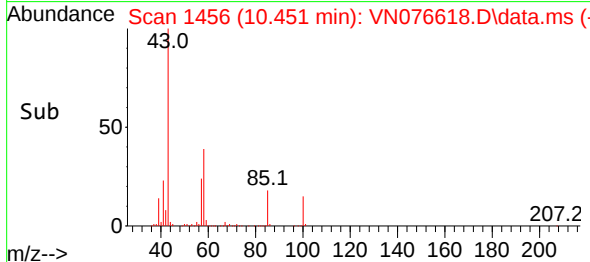
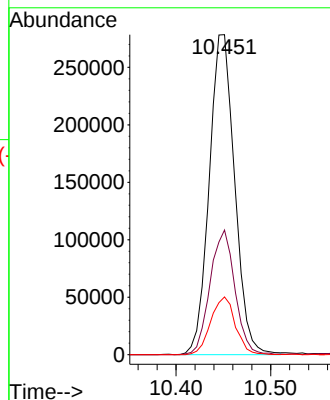
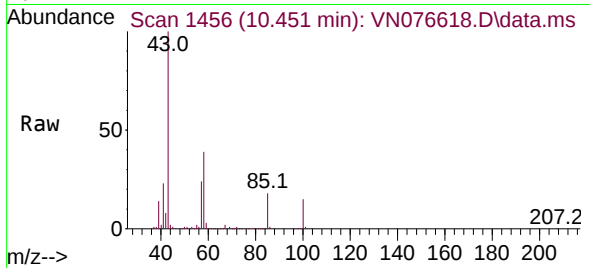




#58
4-Methyl-2-Pentanone
Concen: 84.349 ug/l
RT: 10.451 min Scan# 1455
Delta R.T. 0.004 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

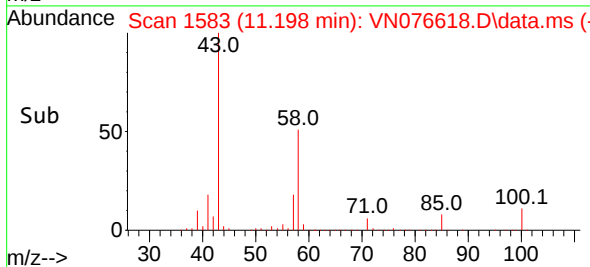
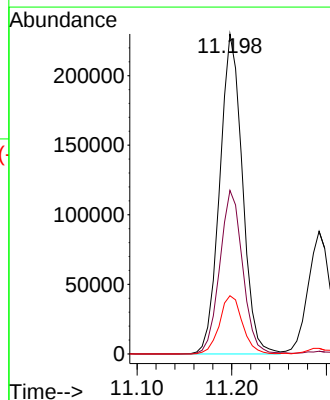
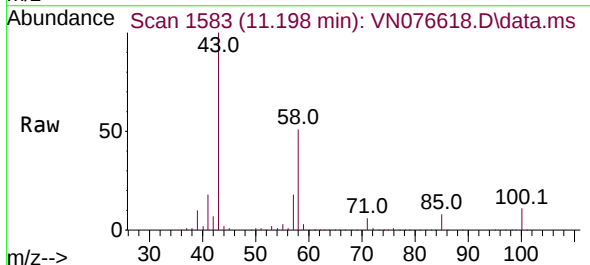
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

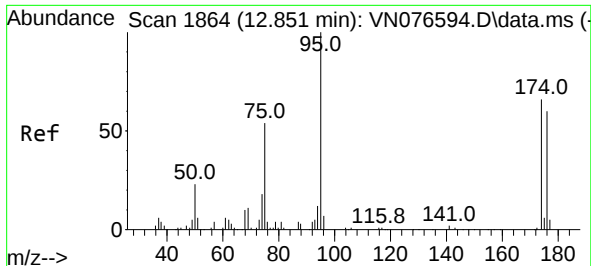
Tgt Ion: 43 Resp: 520314
Ion Ratio Lower Upper
43 100
58 38.1 30.8 46.2
85 17.5 13.3 19.9



#59
2-Hexanone
Concen: 85.311 ug/l
RT: 11.198 min Scan# 1583
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 43 Resp: 382627
Ion Ratio Lower Upper
43 100
58 51.7 43.6 65.4
57 18.5 14.3 21.5

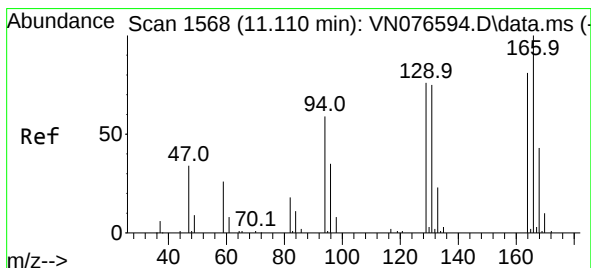
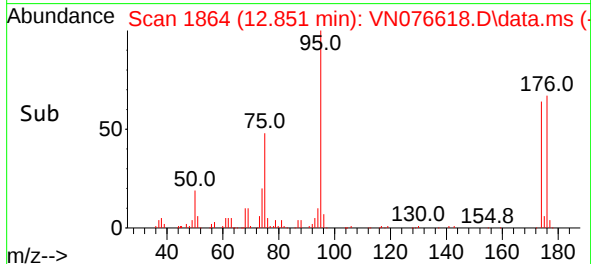
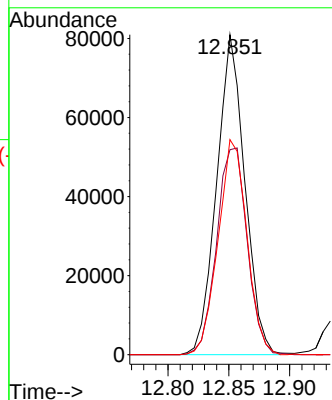
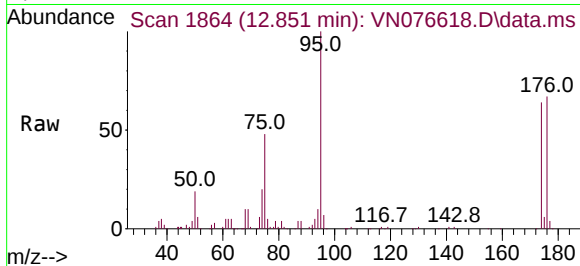




#60
4-Bromofluorobenzene
Concen: 26.155 ug/l
RT: 12.851 min Scan# 1864
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

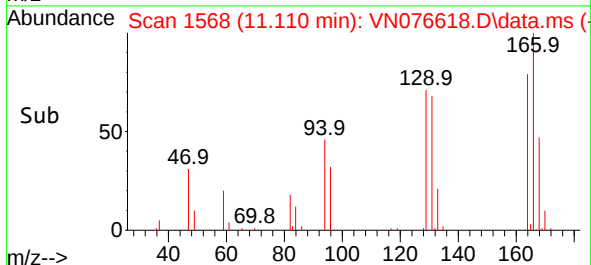
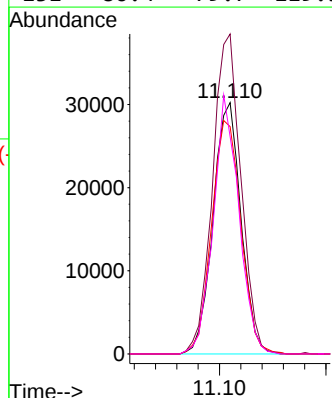
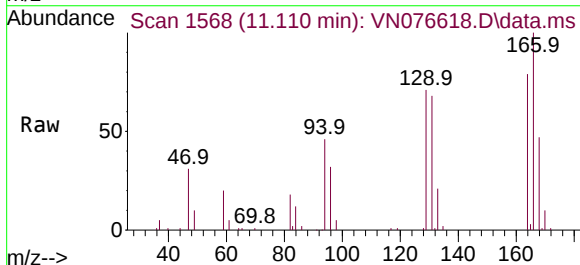
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

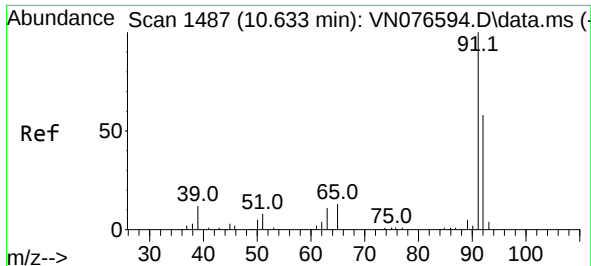
Tgt Ion: 95 Resp: 130296
Ion Ratio Lower Upper
95 100
174 69.9 57.8 86.8
176 68.7 57.0 85.4



#61
Tetrachloroethene
Concen: 19.477 ug/l
RT: 11.110 min Scan# 1568
Delta R.T. 0.004 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion:164 Resp: 54939
Ion Ratio Lower Upper
164 100
166 127.3 99.6 149.4
129 90.5 84.0 126.0
131 86.4 79.7 119.5

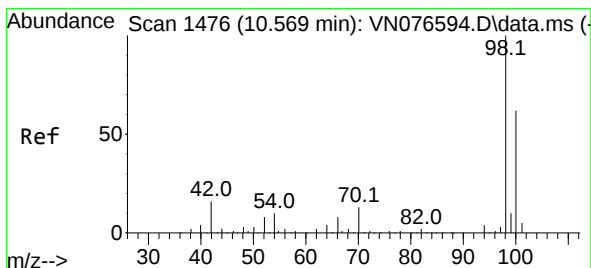
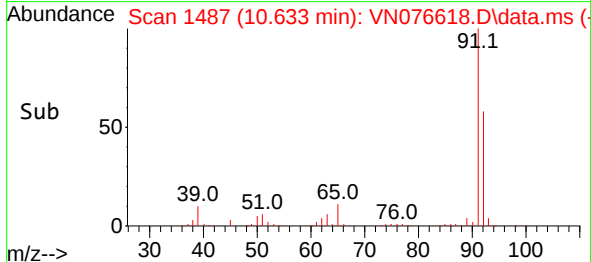
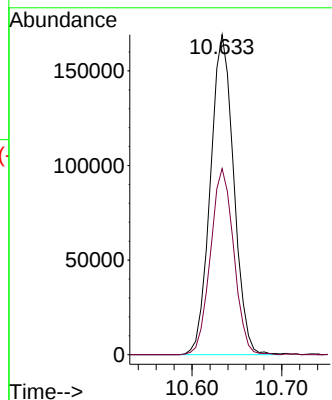
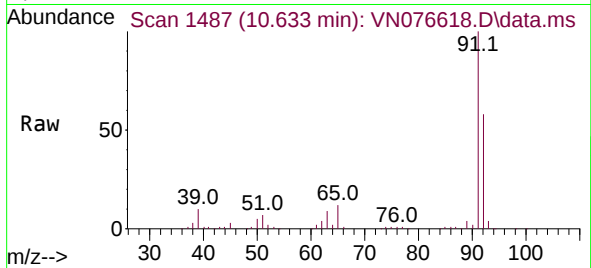




#62
Toluene
Concen: 18.698 ug/l
RT: 10.633 min Scan# 1487
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

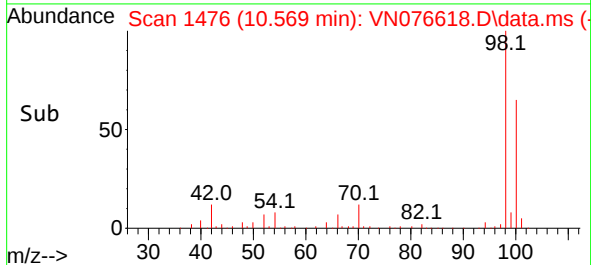
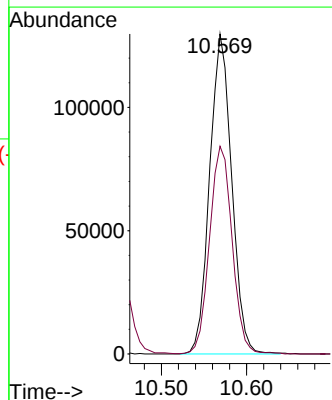
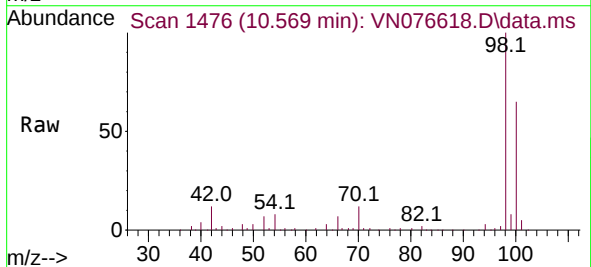
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

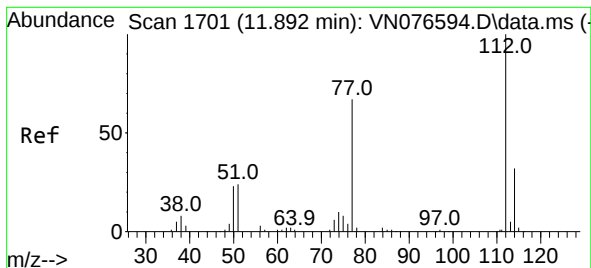
Tgt Ion: 91 Resp: 305897
Ion Ratio Lower Upper
91 100
92 57.8 46.0 69.0



#63
Toluene-d8
Concen: 28.778 ug/l
RT: 10.569 min Scan# 1476
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 98 Resp: 233170
Ion Ratio Lower Upper
98 100
100 66.5 52.7 79.1





#64

Chlorobenzene

Concen: 19.248 ug/l

RT: 11.898 min Scan# 1

Delta R.T. 0.004 min

Lab File: VN076618.D

Acq: 10 Feb 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :

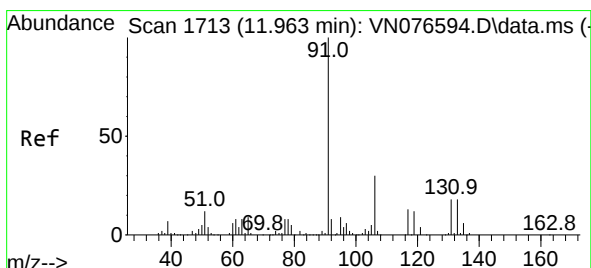
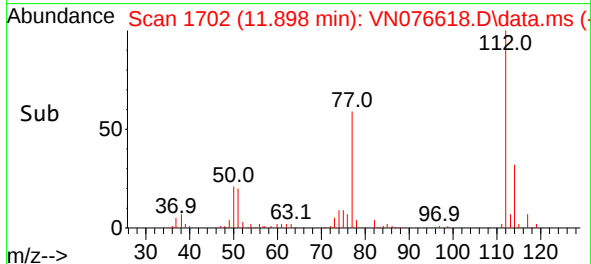
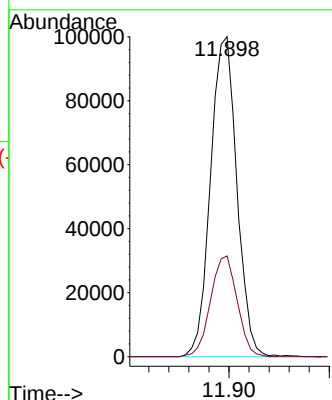
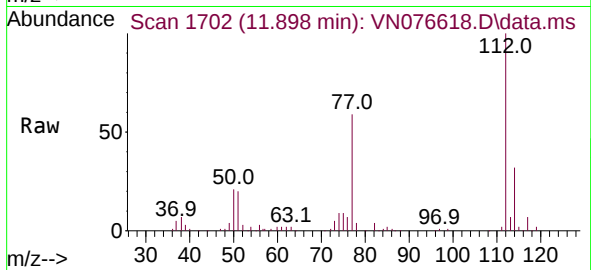
VSTDCCC020EC

Tgt Ion:112 Resp: 182418

Ion Ratio Lower Upper

112 100

114 31.5 24.7 37.1



#65

1,1,1,2-Tetrachloroethane

Concen: 18.944 ug/l

RT: 11.963 min Scan# 1713

Delta R.T. -0.002 min

Lab File: VN076618.D

Acq: 10 Feb 2023 18:45

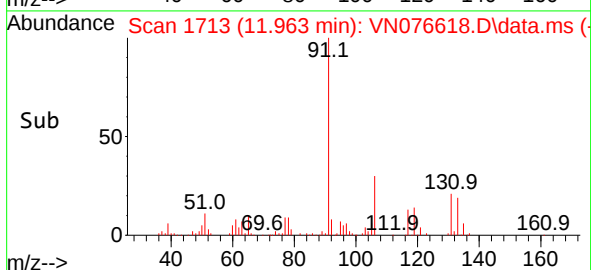
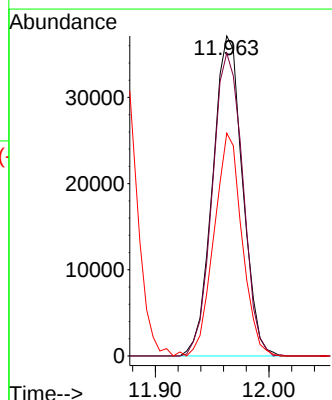
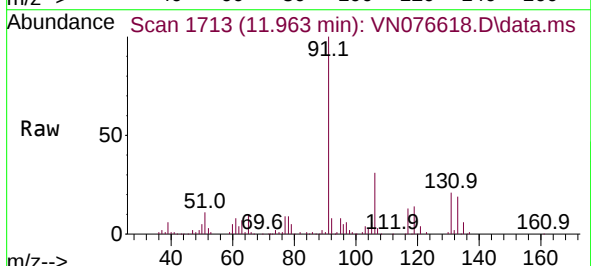
Tgt Ion:131 Resp: 68064

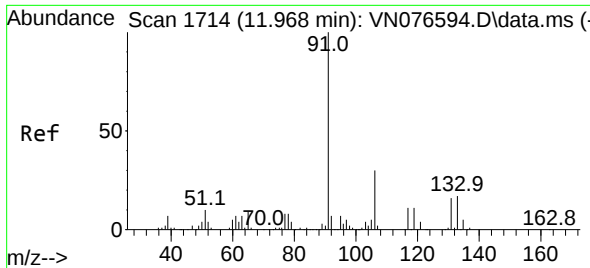
Ion Ratio Lower Upper

131 100

133 96.0 0.0 191.8

119 64.9 0.0 135.8

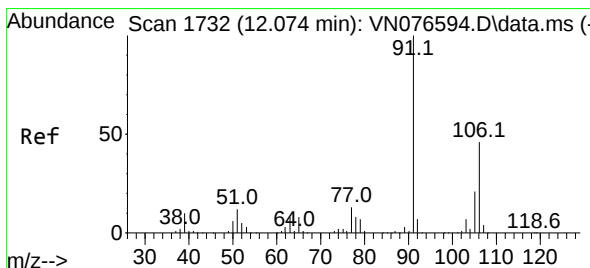
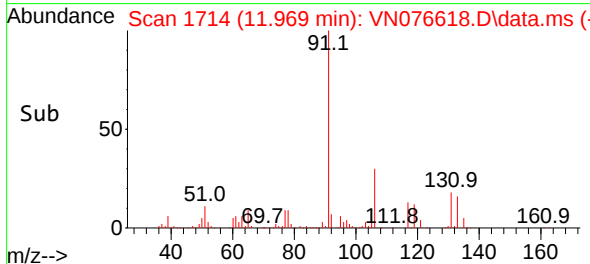
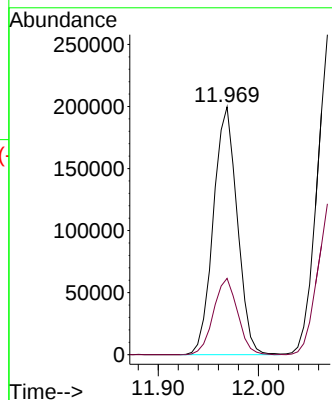
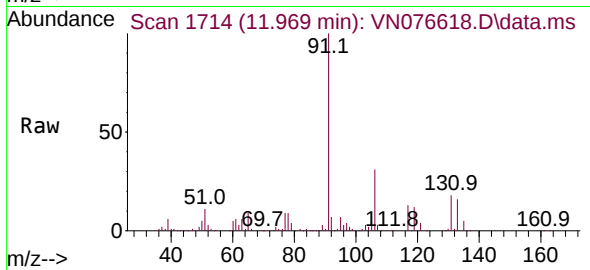




#66
Ethyl Benzene
Concen: 18.440 ug/l
RT: 11.969 min Scan# 1714
Delta R.T. 0.004 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

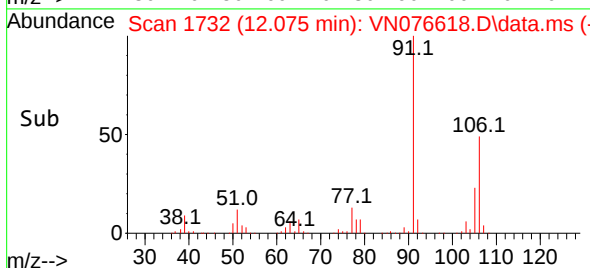
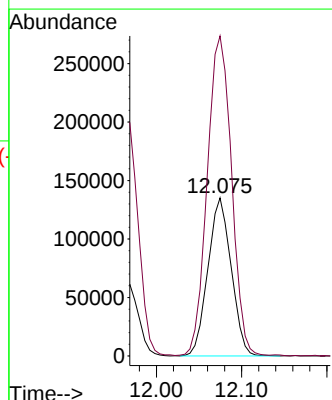
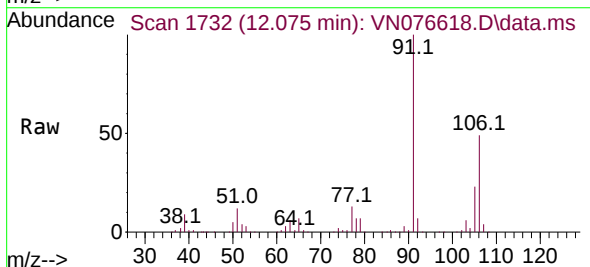
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

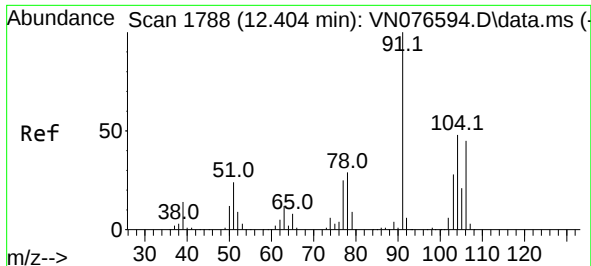
Tgt Ion: 91 Resp: 330735
Ion Ratio Lower Upper
91 100
106 30.8 24.1 36.1



#67
m/p-Xylenes
Concen: 38.110 ug/l
RT: 12.075 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 106 Resp: 256454
Ion Ratio Lower Upper
106 100
91 211.9 164.2 246.4

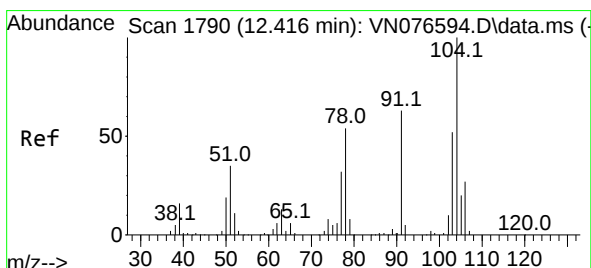
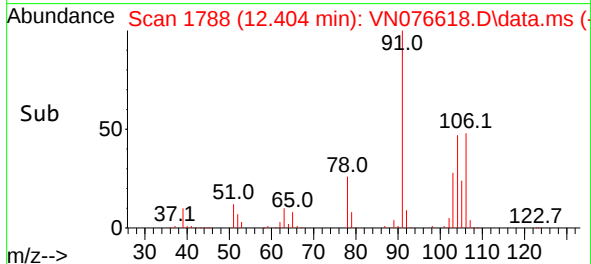
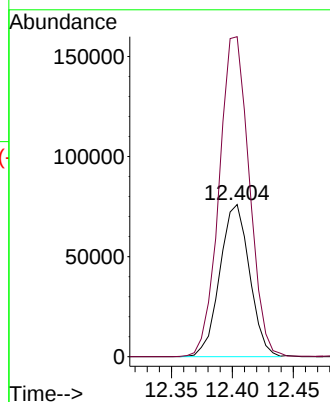
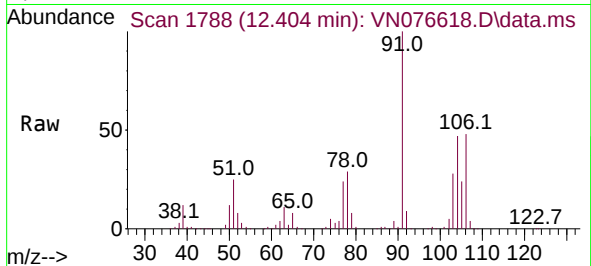




#68
o-Xylene
Concen: 19.472 ug/l
RT: 12.404 min Scan# 1788
Delta R.T. 0.004 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

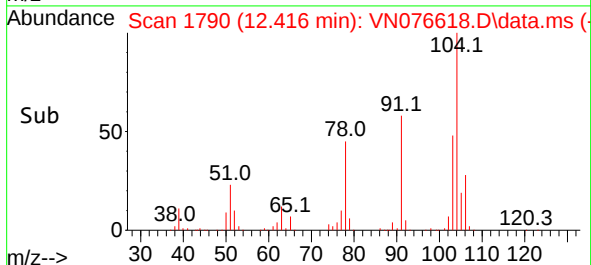
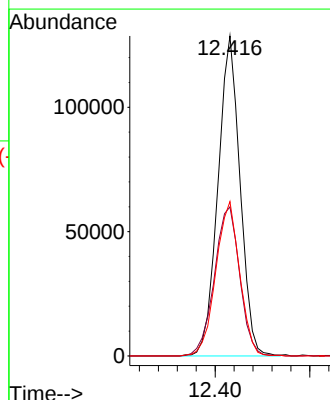
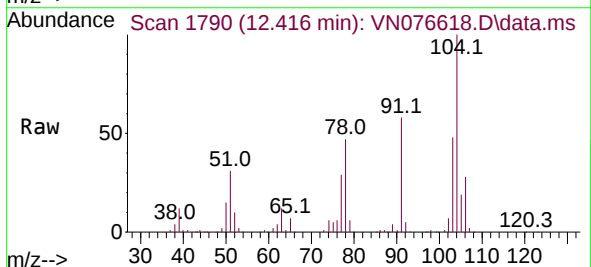
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

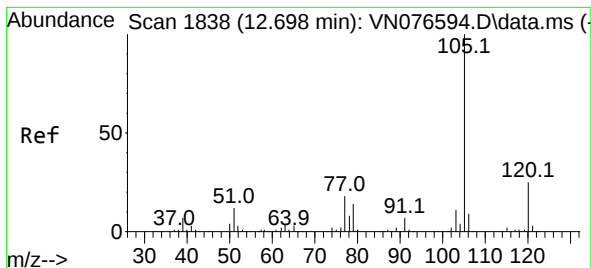
Tgt Ion:106 Resp: 129090
Ion Ratio Lower Upper
106 100
91 213.7 108.5 325.5



#69
Styrene
Concen: 19.841 ug/l
RT: 12.416 min Scan# 1790
Delta R.T. 0.004 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion:104 Resp: 208790
Ion Ratio Lower Upper
104 100
78 53.4 39.9 59.9
103 51.9 43.8 65.8





#70

Isopropylbenzene

Concen: 18.473 ug/l

RT: 12.698 min Scan# 1838

Delta R.T. -0.002 min

Lab File: VN076618.D

Acq: 10 Feb 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :

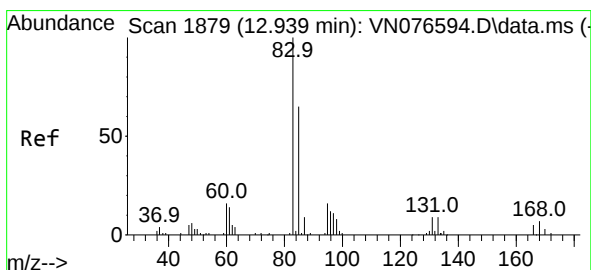
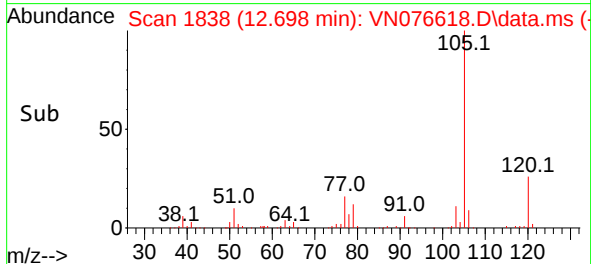
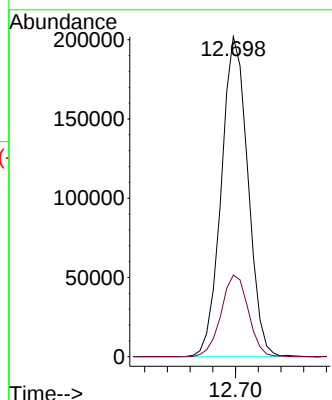
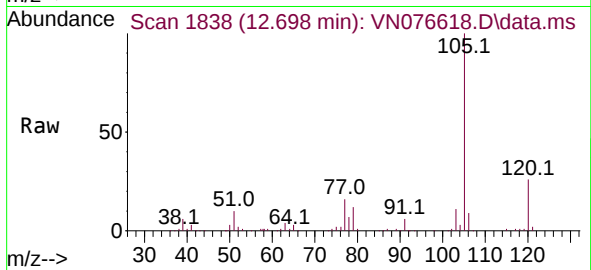
VSTDCCC020EC

Tgt Ion:105 Resp: 328201

Ion Ratio Lower Upper

105 100

120 26.1 18.5 34.3



#71

1,1,2,2-Tetrachloroethane

Concen: 17.330 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. 0.004 min

Lab File: VN076618.D

Acq: 10 Feb 2023 18:45

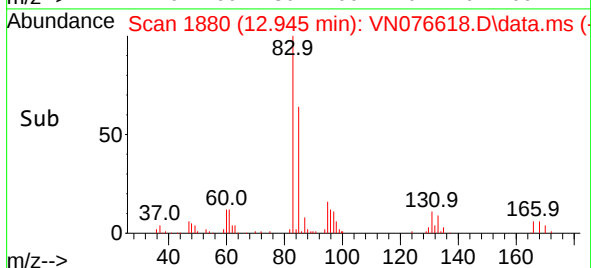
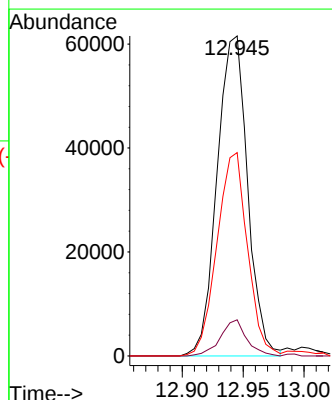
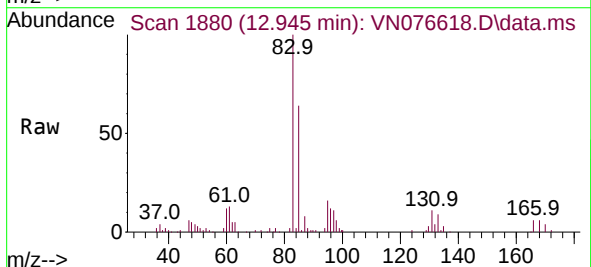
Tgt Ion: 83 Resp: 107346

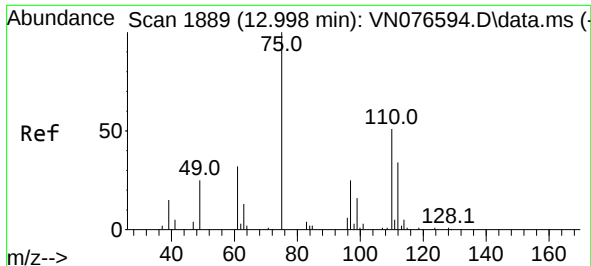
Ion Ratio Lower Upper

83 100

131 9.8 4.5 13.5

85 63.4 30.9 92.7

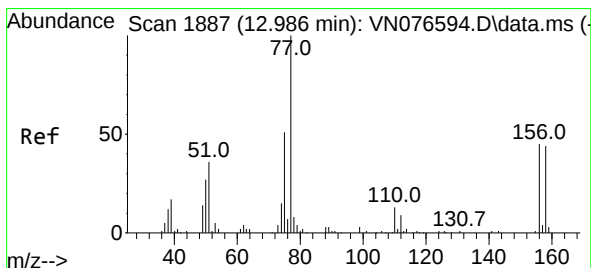
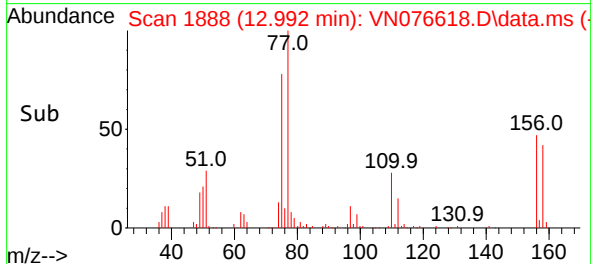
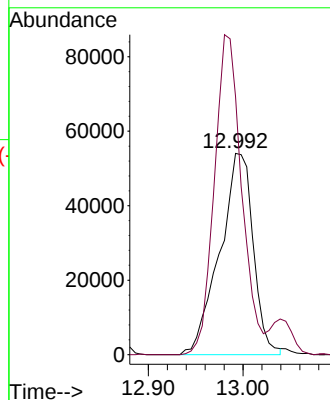
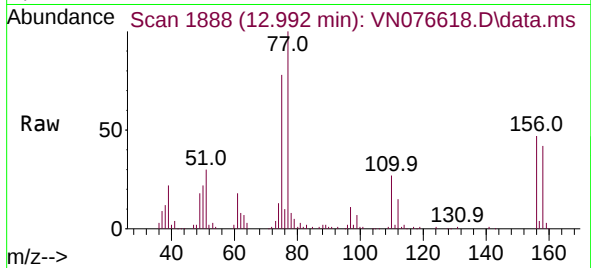




#72
1,2,3-Trichloropropane
Concen: 23.454 ug/l
RT: 12.992 min Scan# 1888
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

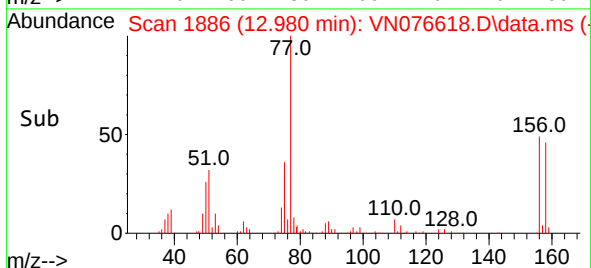
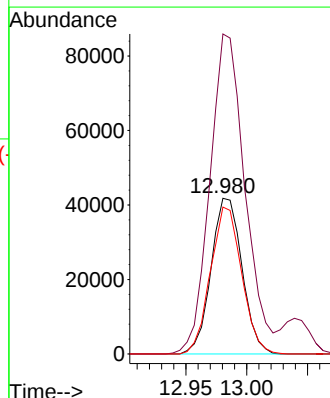
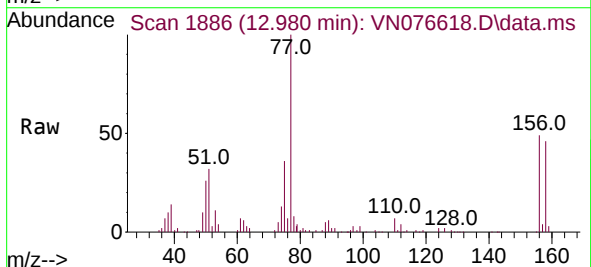
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

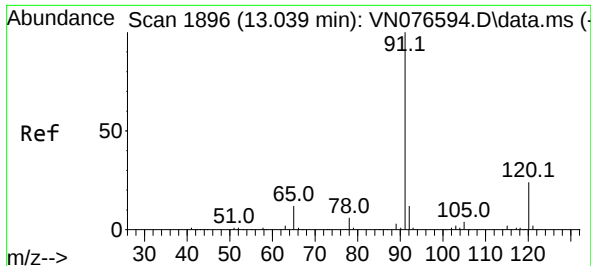
Tgt Ion: 75 Resp: 132685
Ion Ratio Lower Upper
75 100
77 129.6 0.0 372.4



#73
Bromobenzene
Concen: 17.522 ug/l
RT: 12.980 min Scan# 1886
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion:156 Resp: 73868
Ion Ratio Lower Upper
156 100
77 232.9 0.0 491.8
158 95.4 0.0 185.0

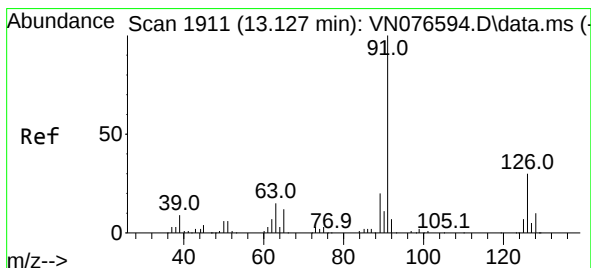
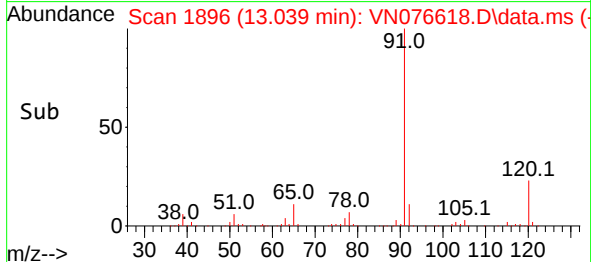
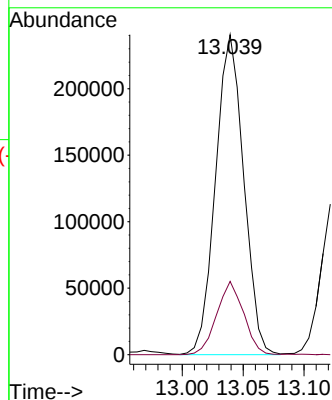
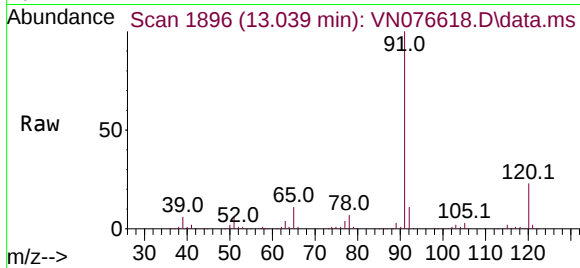




#74
n-propylbenzene
Concen: 16.986 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

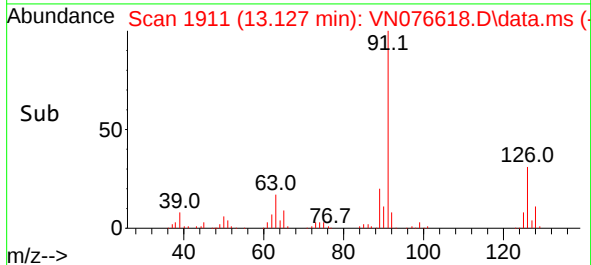
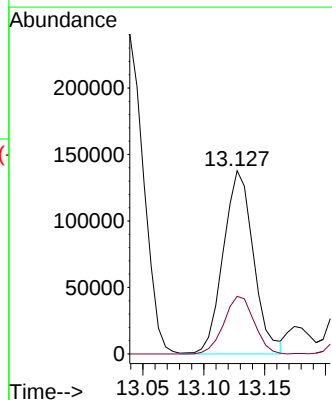
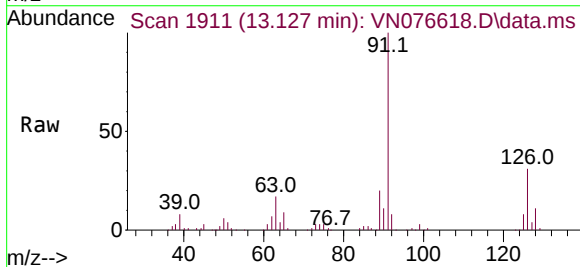
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

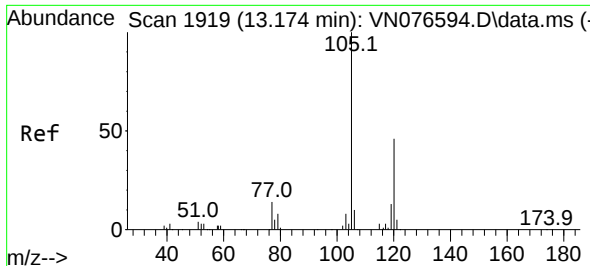
Tgt Ion: 91 Resp: 387054
Ion Ratio Lower Upper
91 100
120 21.9 0.0 44.6



#75
2-Chlorotoluene
Concen: 16.646 ug/l
RT: 13.127 min Scan# 1911
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 91 Resp: 238592
Ion Ratio Lower Upper
91 100
126 31.4 0.0 66.2

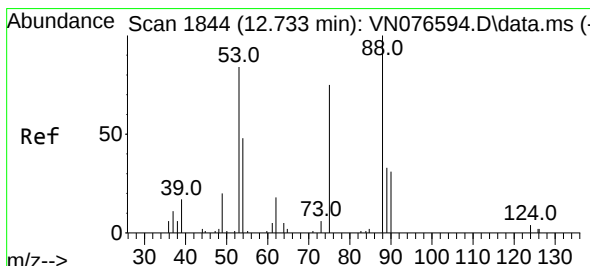
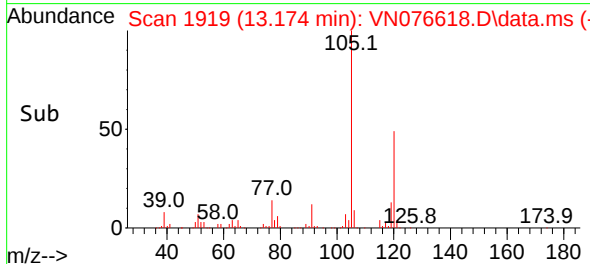
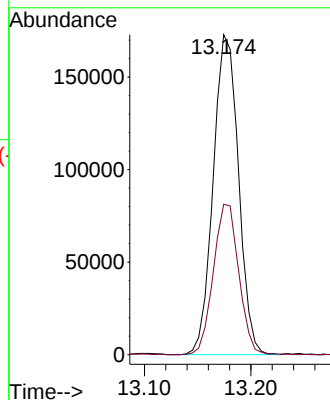
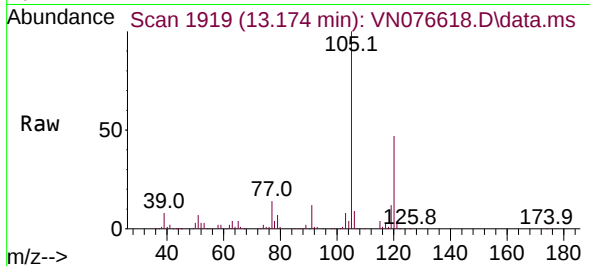




#76
1,3,5-Trimethylbenzene
Concen: 17.175 ug/l
RT: 13.174 min Scan# 1919
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

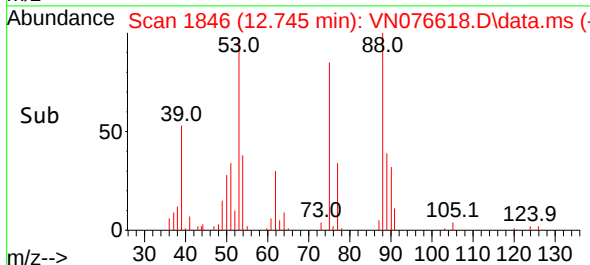
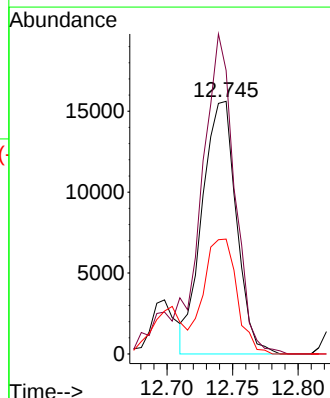
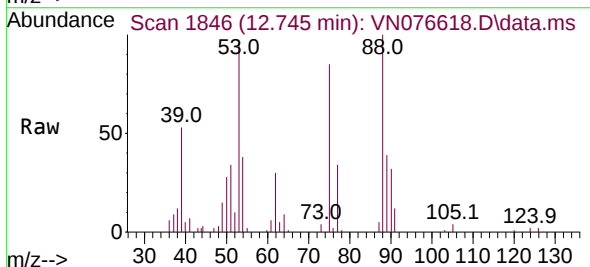
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

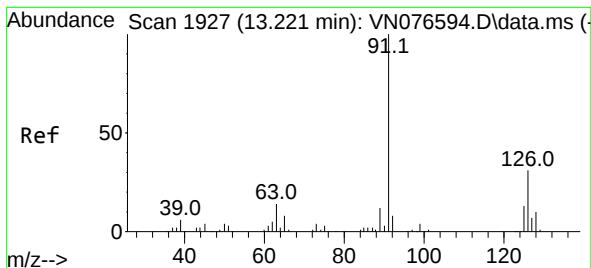
Tgt Ion:105 Resp: 284944
Ion Ratio Lower Upper
105 100
120 47.2 0.0 97.4



#77
t-1,4-Dichloro-2-butene
Concen: 16.599 ug/l
RT: 12.745 min Scan# 1846
Delta R.T. 0.010 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 75 Resp: 28324
Ion Ratio Lower Upper
75 100
53 111.0 43.3 129.9
89 45.5 21.1 63.1

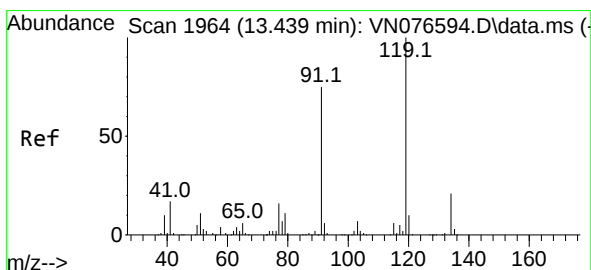
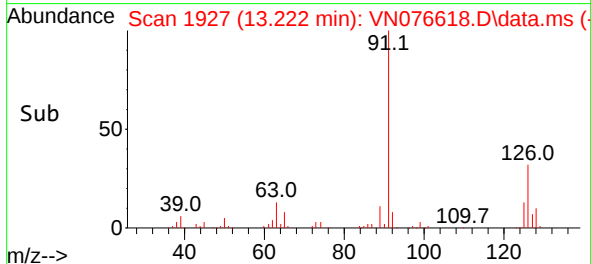
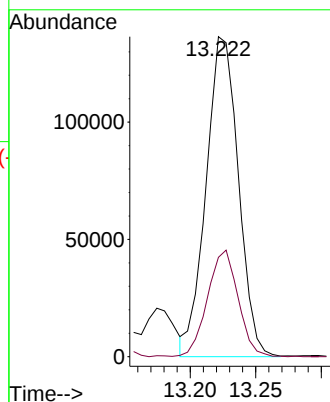
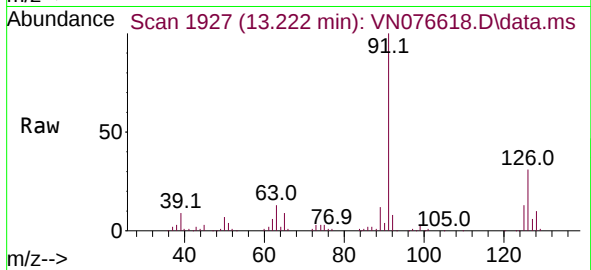




#78
4-Chlorotoluene
Concen: 16.238 ug/l
RT: 13.222 min Scan# 1927
Delta R.T. -0.001 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

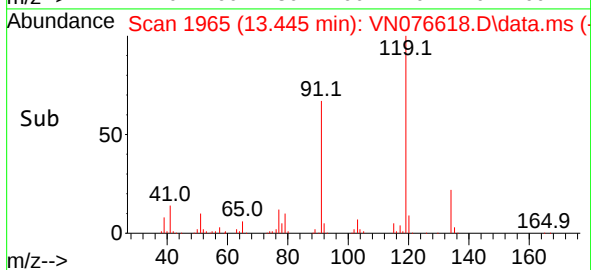
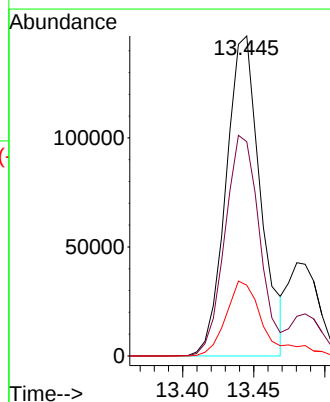
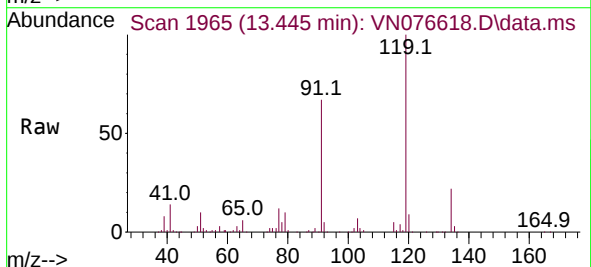
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ClientSampleId :
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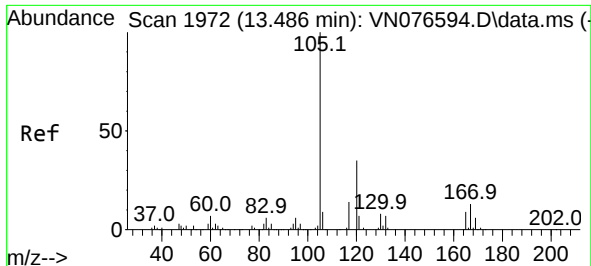
Tgt Ion: 91 Resp: 234032
Ion Ratio Lower Upper
91 100
126 31.5 0.0 67.8



#79
tert-butylbenzene
Concen: 17.561 ug/l
RT: 13.445 min Scan# 1965
Delta R.T. 0.004 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 119 Resp: 247291
Ion Ratio Lower Upper
119 100
91 69.5 0.0 129.0
134 25.7 0.0 52.2

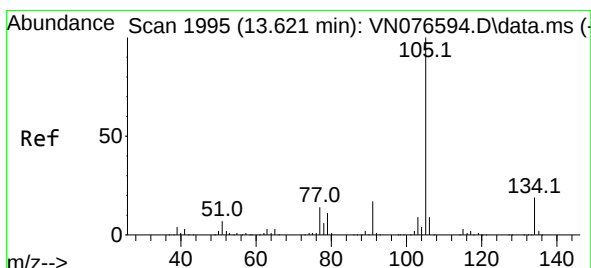
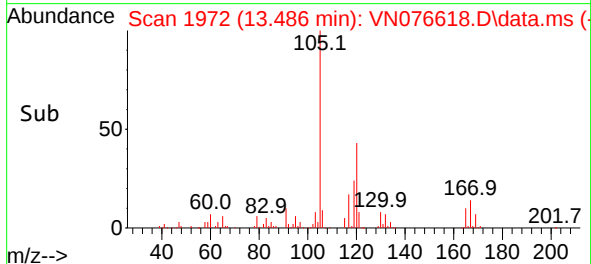
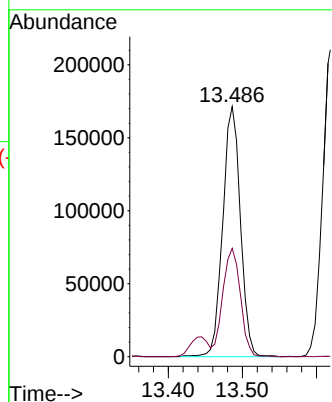
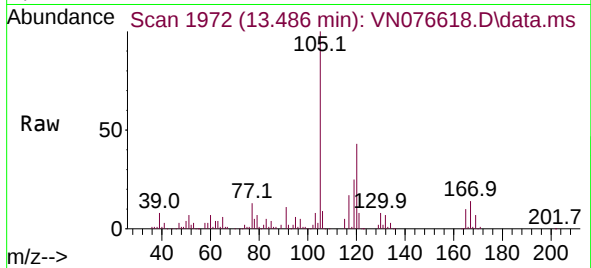




#80
1,2,4-Trimethylbenzene
Concen: 17.339 ug/l
RT: 13.486 min Scan# 1972
Delta R.T. 0.004 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

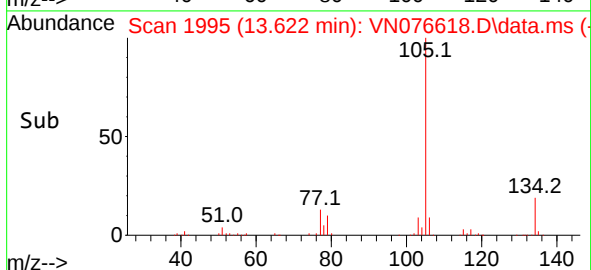
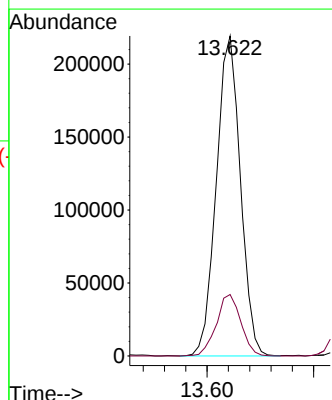
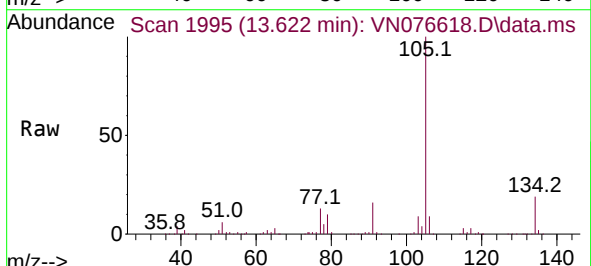
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

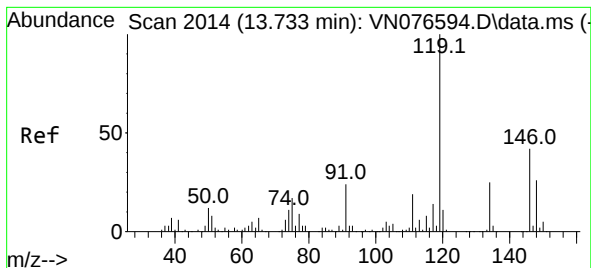
Tgt Ion:105 Resp: 283683
Ion Ratio Lower Upper
105 100
120 43.3 0.0 93.2



#81
sec-Butylbenzene
Concen: 17.422 ug/l
RT: 13.622 min Scan# 1995
Delta R.T. 0.004 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion:105 Resp: 343536
Ion Ratio Lower Upper
105 100
134 19.5 0.0 38.8

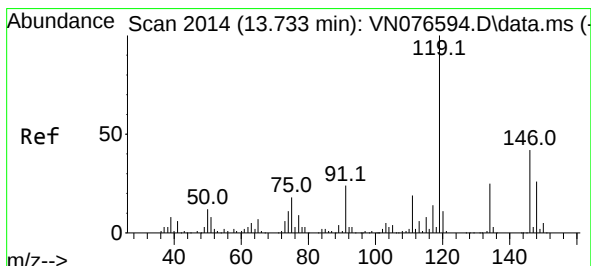
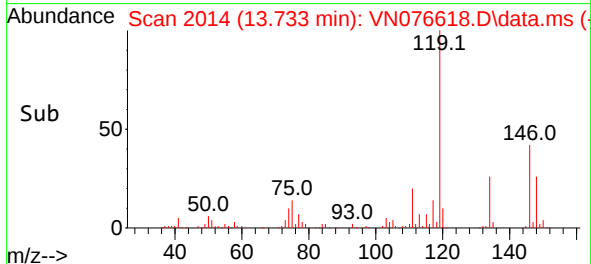
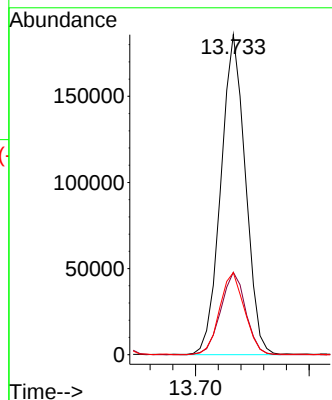
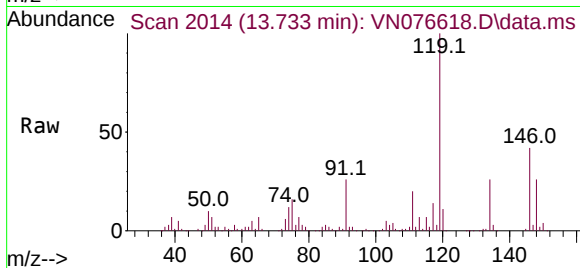




#82
p-Isopropyltoluene
Concen: 17.613 ug/l
RT: 13.733 min Scan# 2014
Delta R.T. 0.004 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

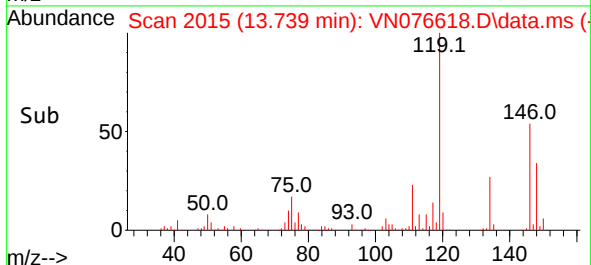
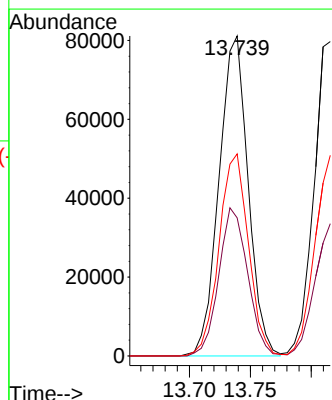
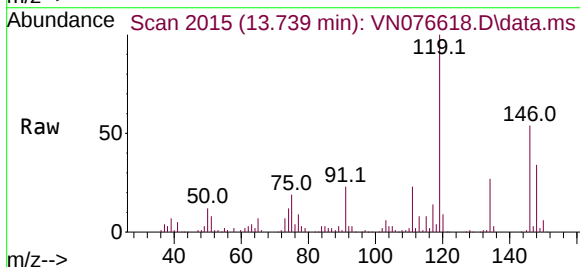
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

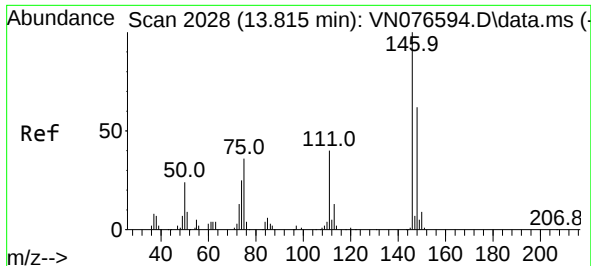
Tgt Ion:119 Resp: 279056
Ion Ratio Lower Upper
119 100
134 26.1 0.0 51.4
91 26.1 0.0 46.8



#83
1,3-Dichlorobenzene
Concen: 17.290 ug/l
RT: 13.739 min Scan# 2015
Delta R.T. 0.004 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion:146 Resp: 134818
Ion Ratio Lower Upper
146 100
111 46.1 20.5 61.5
148 63.9 31.0 93.0

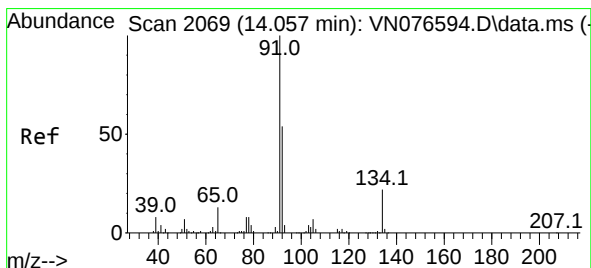
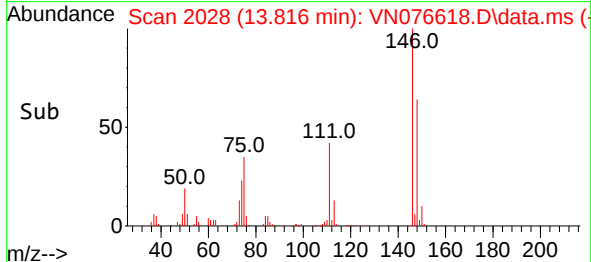
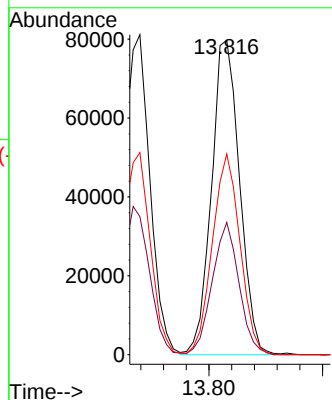
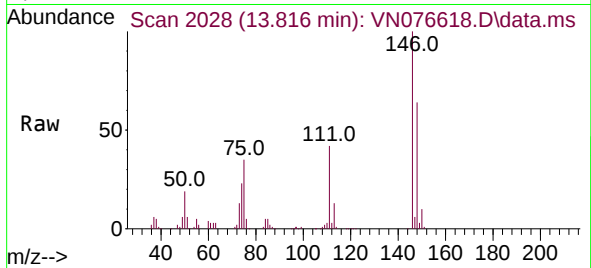




#84
1,4-Dichlorobenzene
Concen: 17.636 ug/l
RT: 13.816 min Scan# 2028
Delta R.T. 0.004 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

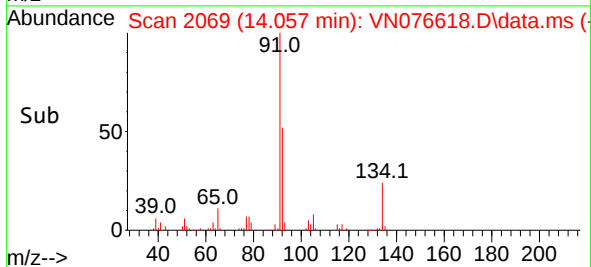
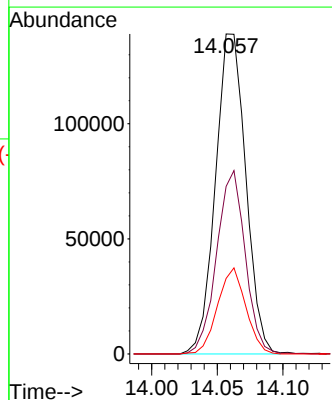
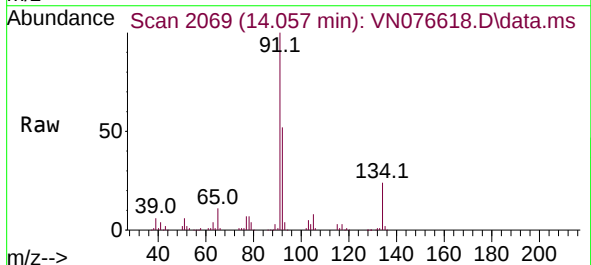
Instrument :
MSVOA_N
ClientSampleId :
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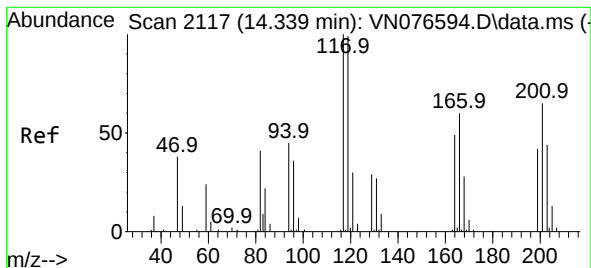
Tgt Ion:146 Resp: 137197
Ion Ratio Lower Upper
146 100
111 40.0 19.1 57.5
148 62.6 31.7 95.1



#85
n-Butylbenzene
Concen: 15.190 ug/l
RT: 14.057 min Scan# 2069
Delta R.T. -0.002 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

Tgt Ion: 91 Resp: 223480
Ion Ratio Lower Upper
91 100
92 54.1 0.0 105.4
134 25.1 0.0 46.4





#86

Hexachloroethane

Concen: 16.090 ug/l

RT: 14.339 min Scan# 2117

Delta R.T. 0.010 min

Lab File: VN076618.D

Acq: 10 Feb 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :

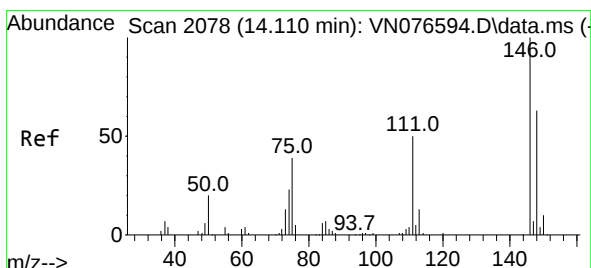
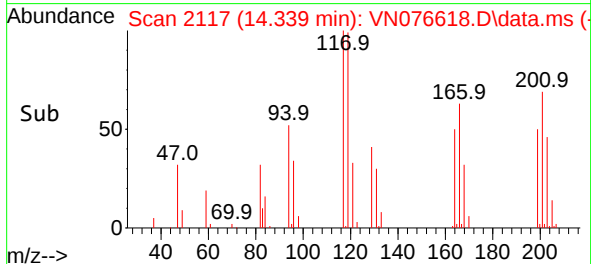
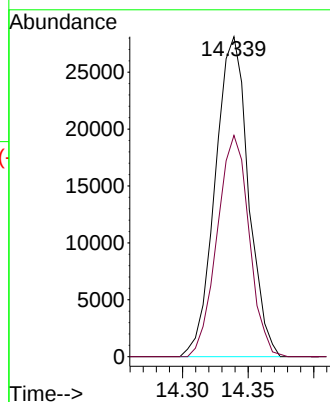
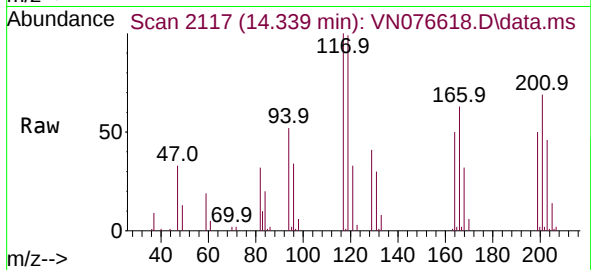
VSTDCCC020EC

Tgt Ion:117 Resp: 49497

Ion Ratio Lower Upper

117 100

201 66.6 29.4 88.3



#87

1,2-Dichlorobenzene

Concen: 16.297 ug/l

RT: 14.110 min Scan# 2078

Delta R.T. 0.004 min

Lab File: VN076618.D

Acq: 10 Feb 2023 18:45

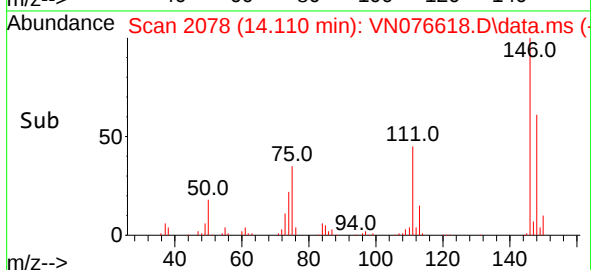
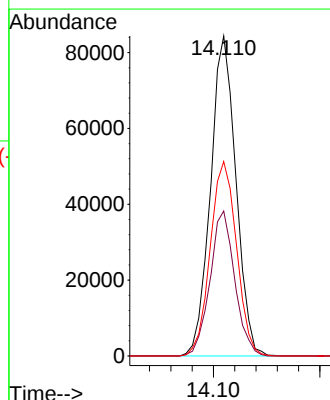
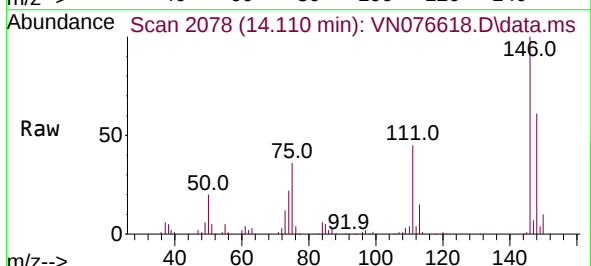
Tgt Ion:146 Resp: 139493

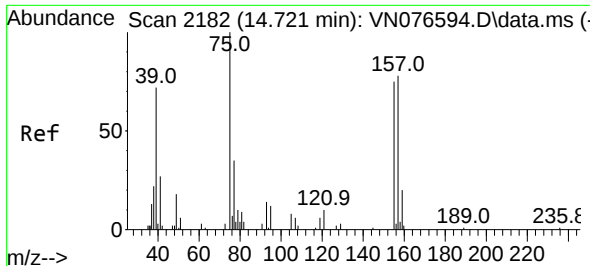
Ion Ratio Lower Upper

146 100

111 44.2 21.4 64.2

148 62.9 30.6 92.0

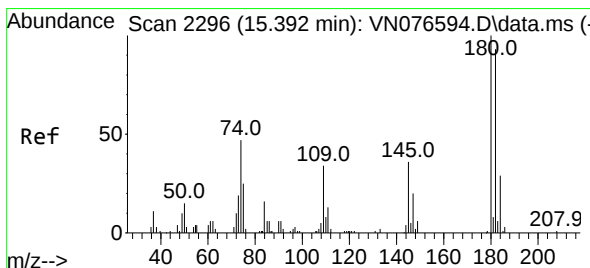
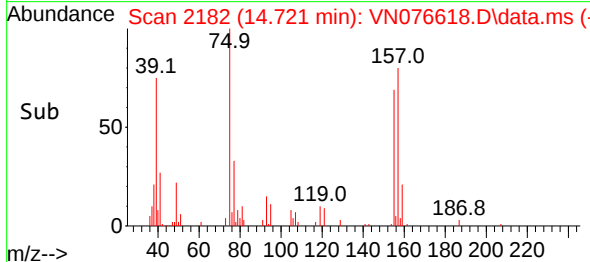
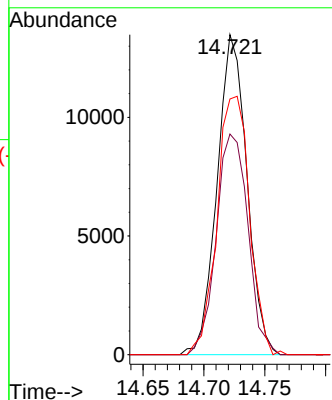
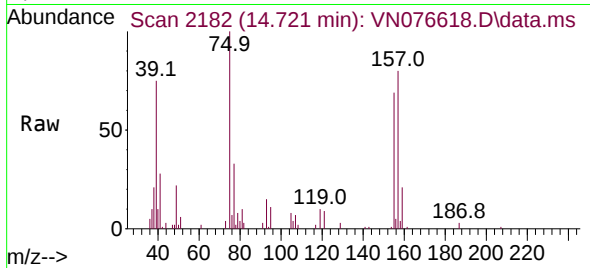




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.190 ug/l
 RT: 14.721 min Scan# 2182
 Delta R.T. 0.004 min
 Lab File: VN076618.D
 Acq: 10 Feb 2023 18:45

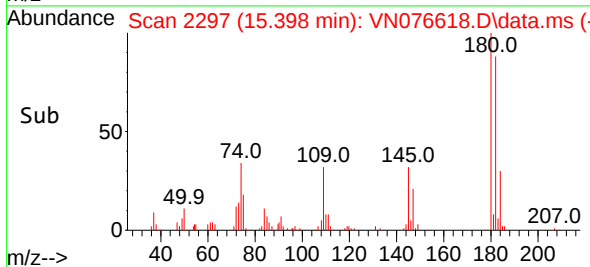
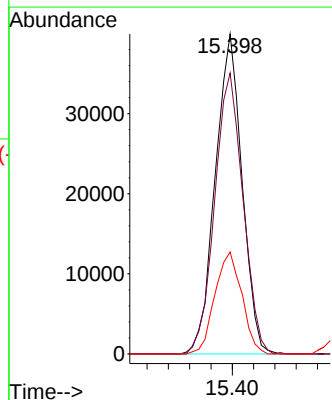
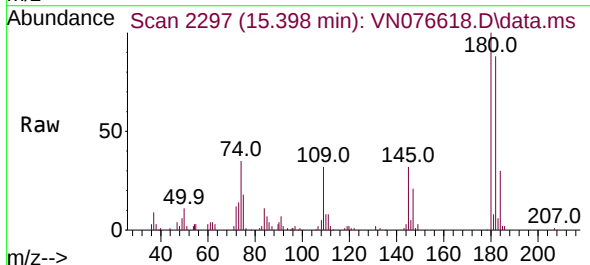
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

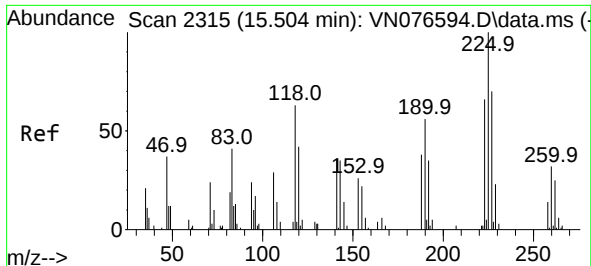
Tgt Ion: 75 Resp: 22966
 Ion Ratio Lower Upper
 75 100
 155 73.5 66.3 99.5
 157 87.7 84.3 126.5



#89
 1,2,4-Trichlorobenzene
 Concen: 19.529 ug/l
 RT: 15.398 min Scan# 2297
 Delta R.T. 0.004 min
 Lab File: VN076618.D
 Acq: 10 Feb 2023 18:45

Tgt Ion: 180 Resp: 69715
 Ion Ratio Lower Upper
 180 100
 182 92.4 74.9 112.3
 145 32.0 26.3 39.5

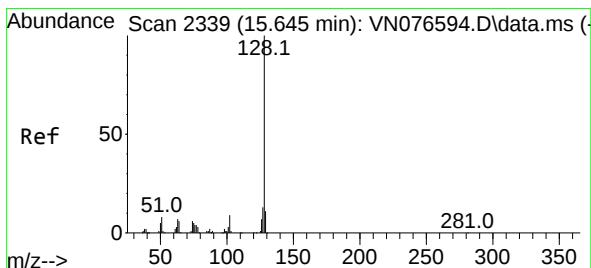
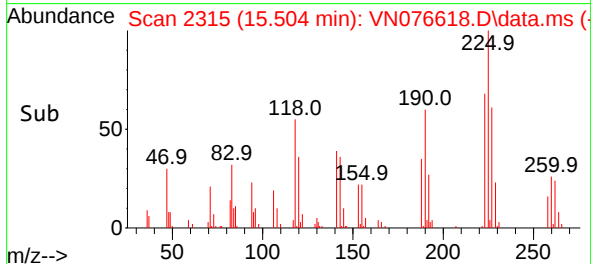
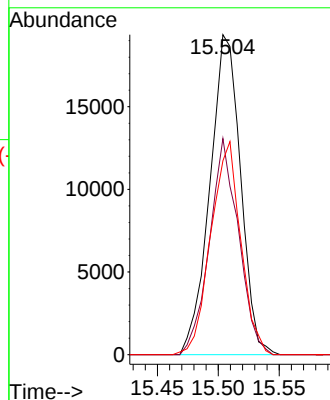
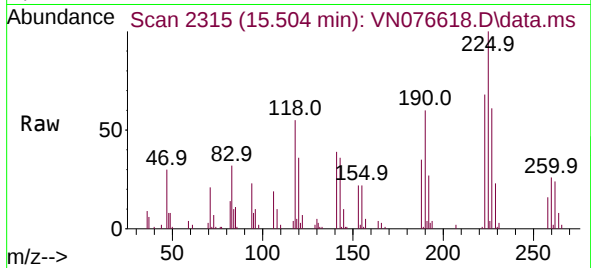




#90
Hexachlorobutadiene
Concen: 19.698 ug/l
RT: 15.504 min Scan# 2315
Delta R.T. 0.004 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

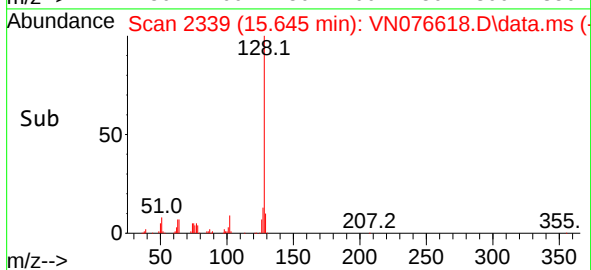
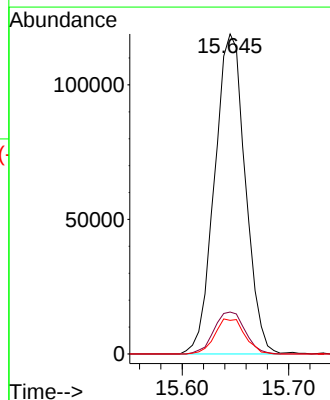
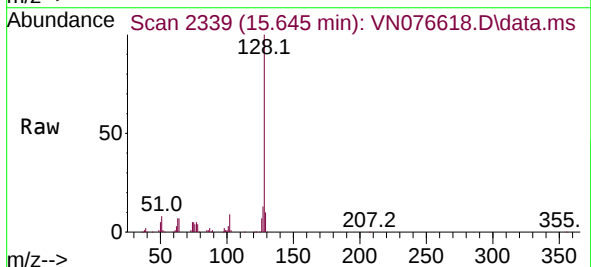
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

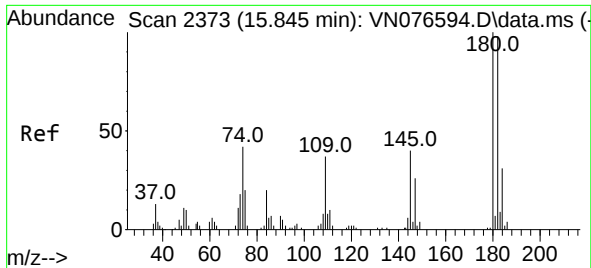
Tgt Ion:225 Resp: 33970
Ion Ratio Lower Upper
225 100
223 63.9 0.0 125.0
227 64.9 0.0 123.0



#91
Naphthalene
Concen: 19.501 ug/l
RT: 15.645 min Scan# 2339
Delta R.T. 0.004 min
Lab File: VN076618.D
Acq: 10 Feb 2023 18:45

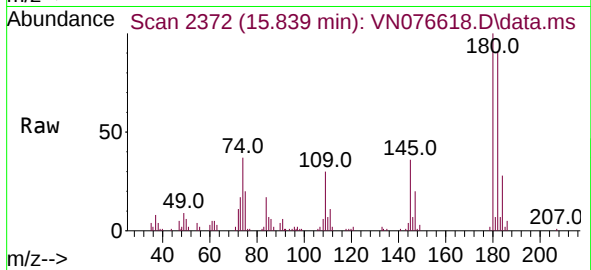
Tgt Ion:128 Resp: 237516
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.7 8.9 13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 19.944 ug/l
 RT: 15.839 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: VN076618.D
 Acq: 10 Feb 2023 18:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:	180	Resp:	71060
Ion	Ratio	Lower	Upper
180	100		
182	93.7	0.0	185.4
145	34.9	0.0	68.6

