

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
 Data File : VN073230.D
 Acq On : 29 Jun 2022 08:26
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jun 29 15:38:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	257795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	437576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	398293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	196030	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	179477	48.226	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.460%
35) Dibromofluoromethane	7.945	113	144505	49.637	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.280%
50) Toluene-d8	10.375	98	514927	49.800	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.669	95	207502	52.221	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	197096	52.294	ug/l	99
3) Chloromethane	2.269	50	180930	49.446	ug/l	98
4) Vinyl Chloride	2.410	62	155672	50.071	ug/l	99
5) Bromomethane	2.799	94	72131	49.120	ug/l	94
6) Chloroethane	2.963	64	94594	51.722	ug/l	95
7) Trichlorofluoromethane	3.316	101	264975	49.297	ug/l	99
8) Diethyl Ether	3.769	74	110116	50.326	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.146	101	153435	48.311	ug/l	97
10) Methyl Iodide	4.351	142	171785	45.618	ug/l	96
11) Tert butyl alcohol	5.281	59	179326	198.913	ug/l	99
12) 1,1-Dichloroethene	4.116	96	145153	47.830	ug/l	95
13) Acrolein	3.981	56	120809	212.010	ug/l	99
14) Allyl chloride	4.763	41	310330	48.541	ug/l #	94
15) Acrylonitrile	5.469	53	538830	232.177	ug/l	98
16) Acetone	4.216	43	448625	214.759	ug/l	92
17) Carbon Disulfide	4.457	76	382158	48.564	ug/l	97
18) Methyl Acetate	4.769	43	265590	45.368	ug/l	91
19) Methyl tert-butyl Ether	5.522	73	547595	49.509	ug/l	98
20) Methylene Chloride	5.010	84	172656	47.030	ug/l #	86
21) trans-1,2-Dichloroethene	5.516	96	153896	48.533	ug/l	98
22) Diisopropyl ether	6.404	45	599068	50.217	ug/l	94
23) Vinyl Acetate	6.346	43	2717096	254.386	ug/l	94
24) 1,1-Dichloroethane	6.304	63	311868	50.517	ug/l	98
25) 2-Butanone	7.251	43	756611	227.493	ug/l	89
26) 2,2-Dichloropropane	7.245	77	270900	47.446	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	184364	48.011	ug/l	93
28) Bromochloromethane	7.581	49	142788	55.226	ug/l	83
29) Tetrahydrofuran	7.604	42	522413	229.401	ug/l	86
30) Chloroform	7.740	83	306020	49.216	ug/l	100
31) Cyclohexane	8.016	56	285987	46.922	ug/l	89
32) 1,1,1-Trichloroethane	7.939	97	274649	49.565	ug/l	99
36) 1,1-Dichloropropene	8.145	75	225650	50.373	ug/l	99
37) Ethyl Acetate	7.334	43	312882	46.226	ug/l	96
38) Carbon Tetrachloride	8.134	117	228803	49.392	ug/l	96
39) Methylcyclohexane	9.386	83	287065	51.473	ug/l	98
40) Benzene	8.387	78	690948	49.980	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	159186	48.494	ug/l #	88
42) 1,2-Dichloroethane	8.457	62	252626	50.411	ug/l	98
43) Isopropyl Acetate	8.487	43	482402	49.592	ug/l	93
44) Trichloroethene	9.145	130	170811	48.552	ug/l	96
45) 1,2-Dichloropropane	9.422	63	182585	51.817	ug/l	99
46) Dibromomethane	9.510	93	119475	49.937	ug/l	92
47) Bromodichloromethane	9.698	83	239027	51.583	ug/l	97
48) Methyl methacrylate	9.492	41	220168	48.883	ug/l	91
49) 1,4-Dioxane	9.504	88	72663	849.839	ug/l #	91
51) 4-Methyl-2-Pentanone	10.263	43	1508718	244.575	ug/l	91
52) Toluene	10.439	92	429173	50.233	ug/l	100
53) t-1,3-Dichloropropene	10.651	75	267768	52.492	ug/l	98
54) cis-1,3-Dichloropropene	10.122	75	287495	52.203	ug/l #	88
55) 1,1,2-Trichloroethane	10.833	97	172154	48.946	ug/l	98
56) Ethyl methacrylate	10.698	69	290571	51.112	ug/l #	85
57) 1,3-Dichloropropane	10.980	76	296850	49.233	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.975	63	714366	281.756	ug/l	95
59) 2-Hexanone	11.022	43	1143302	243.139	ug/l	89
60) Dibromochloromethane	11.175	129	178068	53.100	ug/l	99
61) 1,2-Dibromoethane	11.280	107	180710	51.438	ug/l	98
64) Tetrachloroethene	10.910	164	160604	49.381	ug/l	96
65) Chlorobenzene	11.704	112	444287	49.322	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.775	131	165501	49.951	ug/l	98
67) Ethyl Benzene	11.780	91	827462	50.598	ug/l	100
68) m/p-Xylenes	11.886	106	628655	101.859	ug/l	95
69) o-Xylene	12.216	106	313462	49.751	ug/l	97
70) Styrene	12.227	104	515820	53.026	ug/l	98
71) Bromoform	12.392	173	126108	52.016	ug/l #	99
73) Isopropylbenzene	12.516	105	815964	48.202	ug/l	98
74) N-amyl acetate	12.322	43	399847	47.173	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	254997	45.395	ug/l	100
76) 1,2,3-Trichloropropane	12.816	75	353357	68.937	ug/l #	1
77) Bromobenzene	12.798	156	182743	46.432	ug/l	87
78) n-propylbenzene	12.857	91	959517	51.023	ug/l	98
79) 2-Chlorotoluene	12.945	91	572512	48.101	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	680252	49.302	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	91324	48.861	ug/l	95
82) 4-Chlorotoluene	13.039	91	566202	49.137	ug/l	97
83) tert-Butylbenzene	13.257	119	594743	48.080	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	679307	49.312	ug/l	97
85) sec-Butylbenzene	13.439	105	844022	50.814	ug/l	98
86) p-Isopropyltoluene	13.551	119	692256	51.592	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	338725	47.973	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	340781	48.171	ug/l	98
89) n-Butylbenzene	13.880	91	596548	53.354	ug/l	98
90) Hexachloroethane	14.145	117	126877	50.739	ug/l	85
91) 1,2-Dichlorobenzene	13.921	146	347364	48.295	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	63529	46.530	ug/l	86
93) 1,2,4-Trichlorobenzene	15.192	180	189530	50.608	ug/l	98
94) Hexachlorobutadiene	15.298	225	82177	49.360	ug/l	98
95) Naphthalene	15.427	128	680994	45.074	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	186519	48.280	ug/l	98

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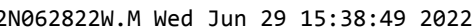
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

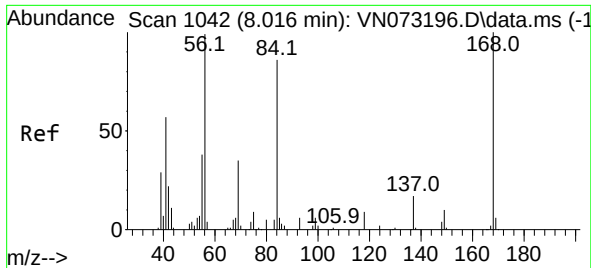
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Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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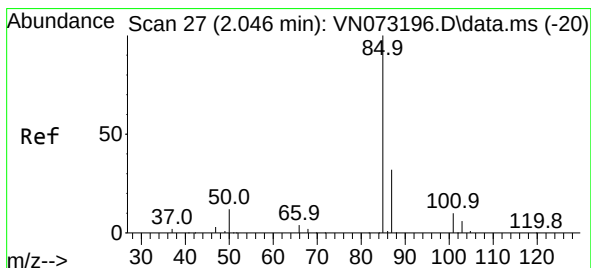
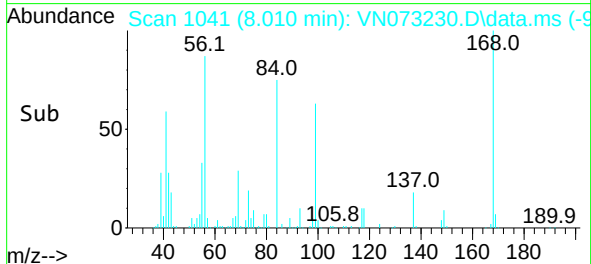
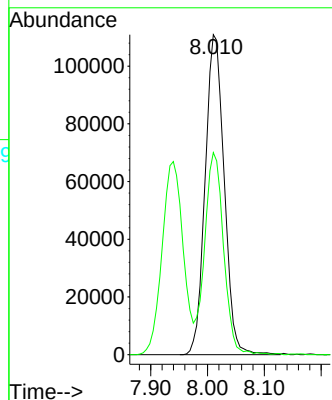
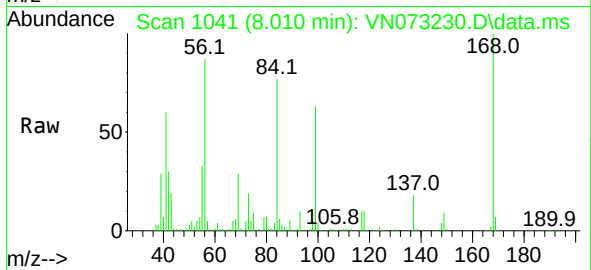




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073230.D
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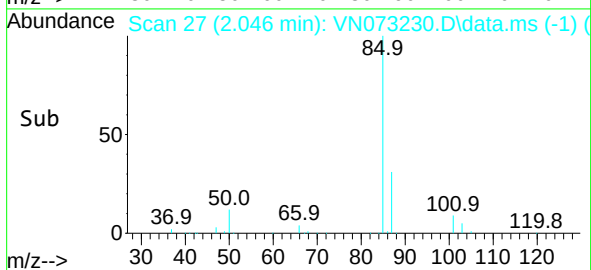
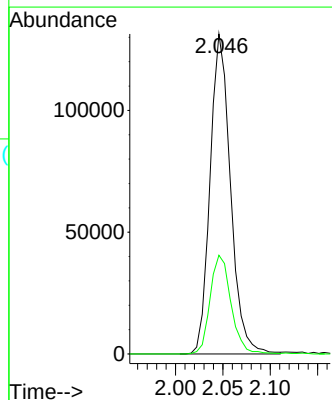
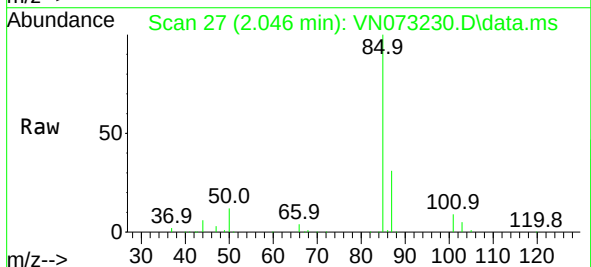
Instrument :
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ClientSampleId :
VSTDCCC050

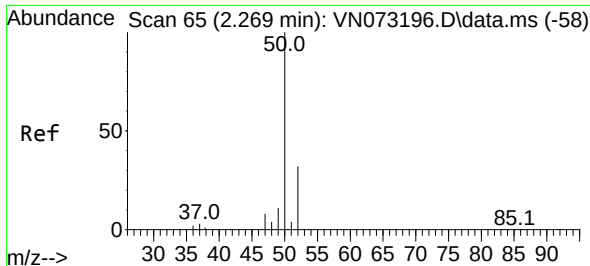
Tgt Ion:168 Resp: 257795
Ion Ratio Lower Upper
168 100
99 62.9 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 52.294 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion: 85 Resp: 197096
Ion Ratio Lower Upper
85 100
87 30.8 15.7 47.1

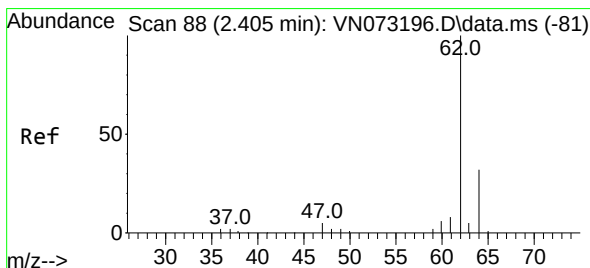
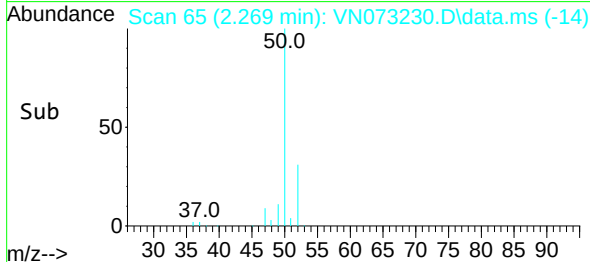
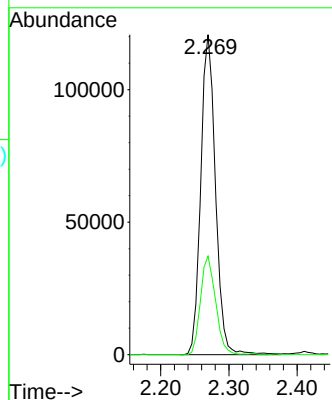
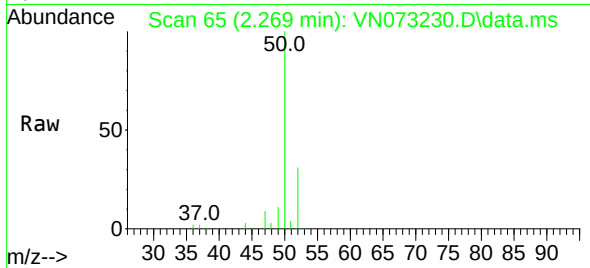




#3
Chloromethane
Concen: 49.446 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

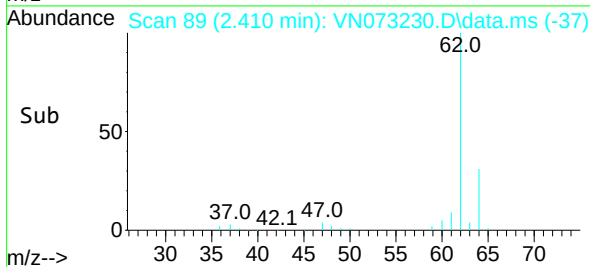
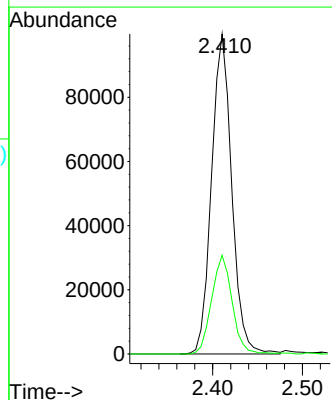
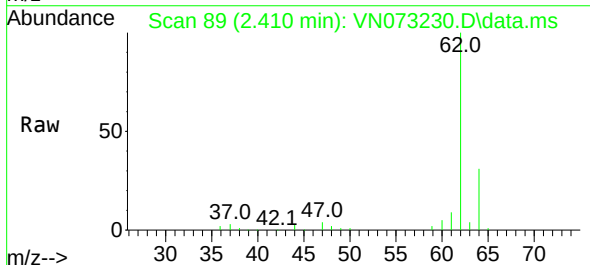
Instrument :
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ClientSampleId :
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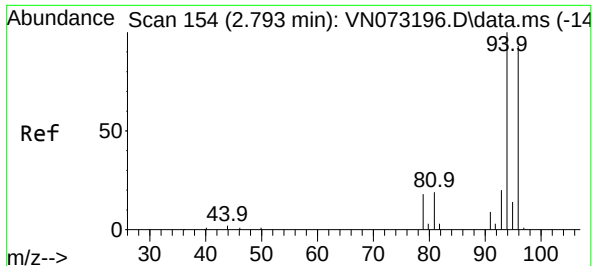
Tgt Ion: 50 Resp: 180930
Ion Ratio Lower Upper
50 100
52 30.8 25.7 38.5



#4
Vinyl Chloride
Concen: 50.071 ug/l
RT: 2.410 min Scan# 89
Delta R.T. 0.005 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion: 62 Resp: 155672
Ion Ratio Lower Upper
62 100
64 30.8 25.0 37.4

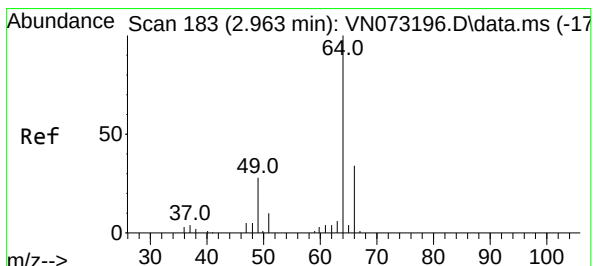
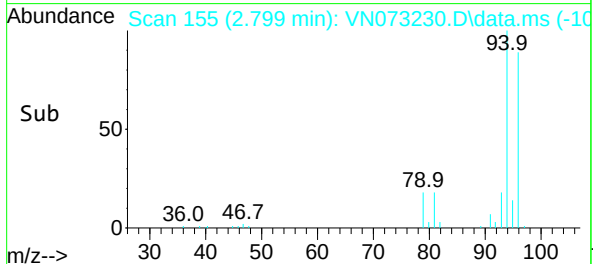
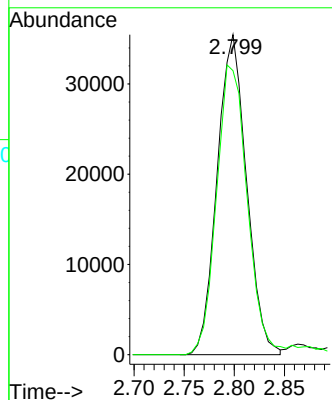
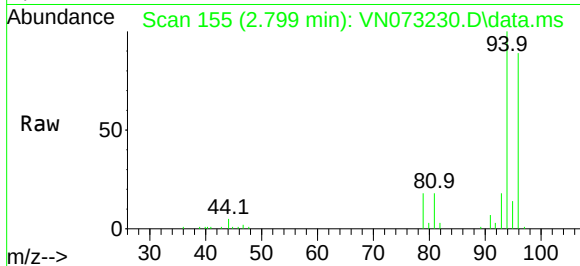




#5
Bromomethane
Concen: 49.120 ug/l
RT: 2.799 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

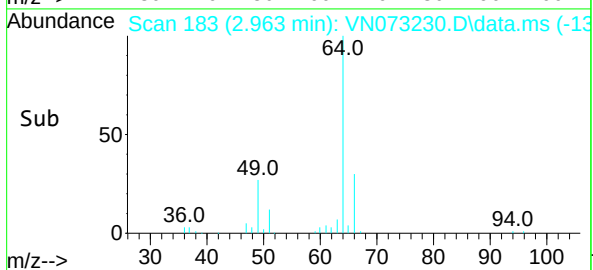
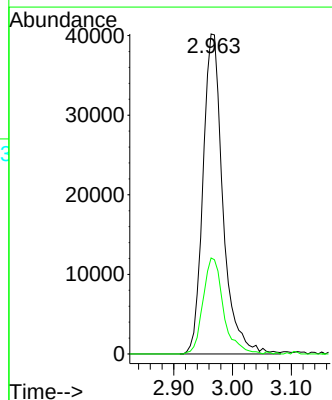
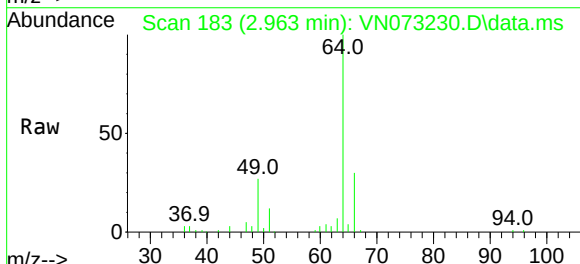
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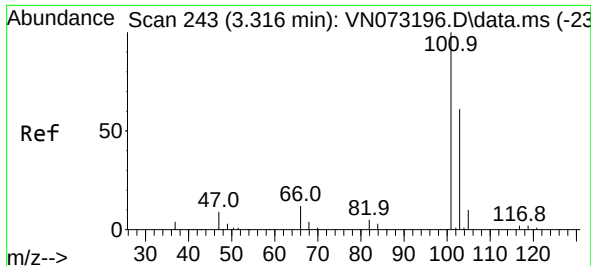
Tgt Ion: 94 Resp: 72131
Ion Ratio Lower Upper
94 100
96 88.7 76.0 114.0



#6
Chloroethane
Concen: 51.722 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion: 64 Resp: 94594
Ion Ratio Lower Upper
64 100
66 30.0 26.2 39.4

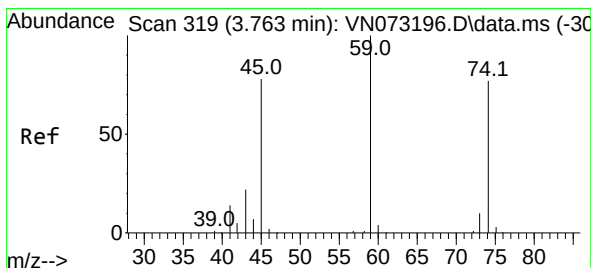
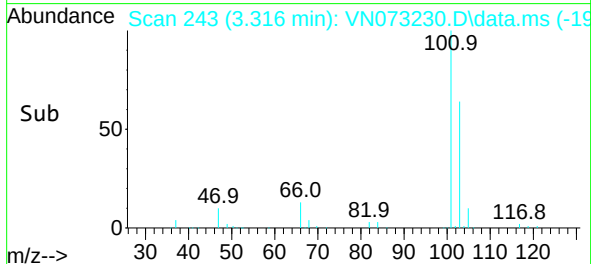
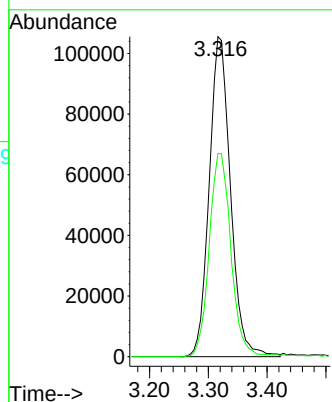
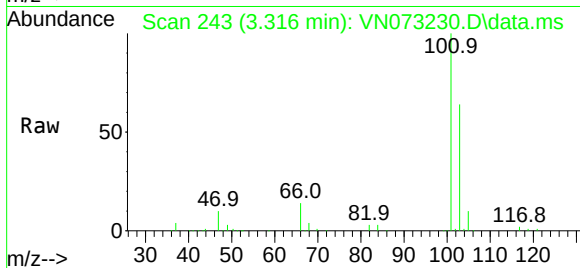




#7
Trichlorofluoromethane
Concen: 49.297 ug/l
RT: 3.316 min Scan# 24
Delta R.T. 0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

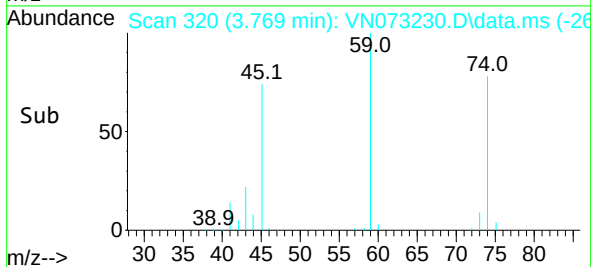
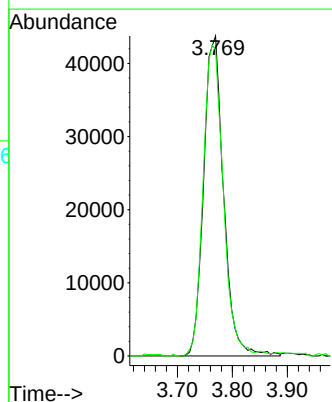
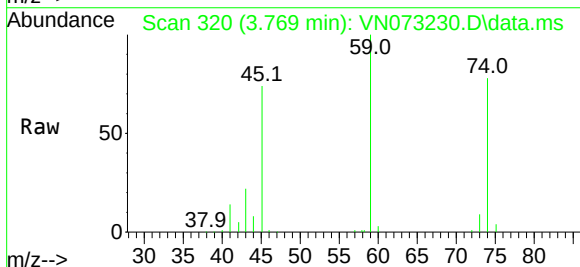
Instrument :
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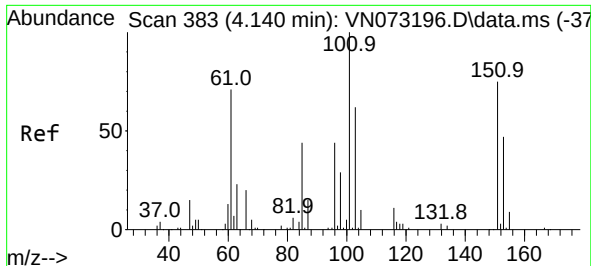
Tgt Ion:101 Resp: 264975
Ion Ratio Lower Upper
101 100
103 63.5 51.5 77.3



#8
Diethyl Ether
Concen: 50.326 ug/l
RT: 3.769 min Scan# 320
Delta R.T. 0.006 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion: 74 Resp: 110116
Ion Ratio Lower Upper
74 100
45 98.1 42.9 128.5

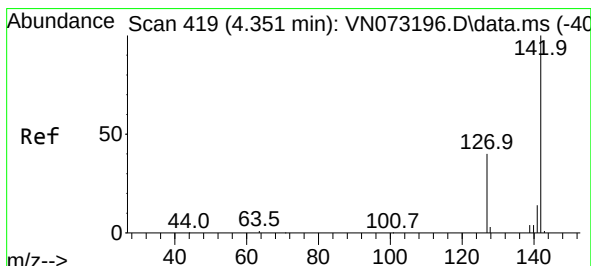
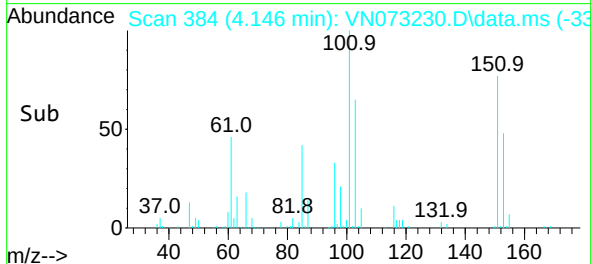
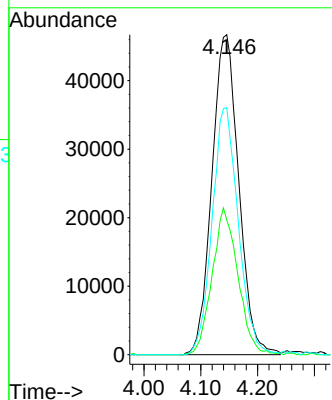
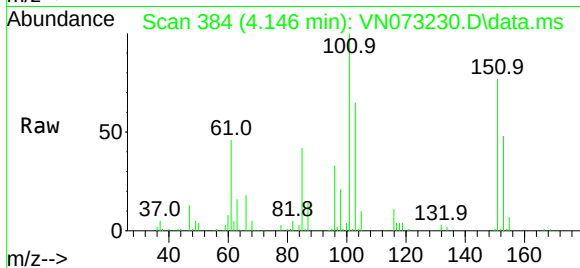




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.311 ug/l
RT: 4.146 min Scan# 384
Delta R.T. 0.006 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

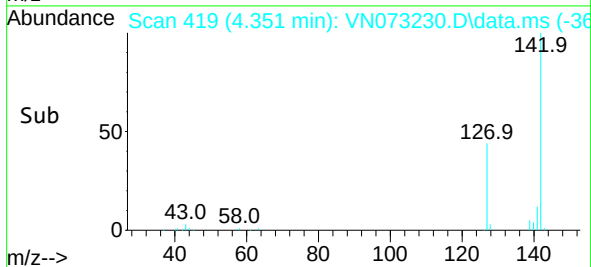
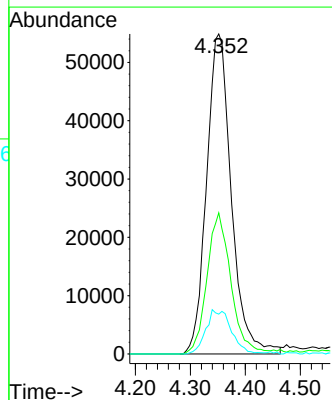
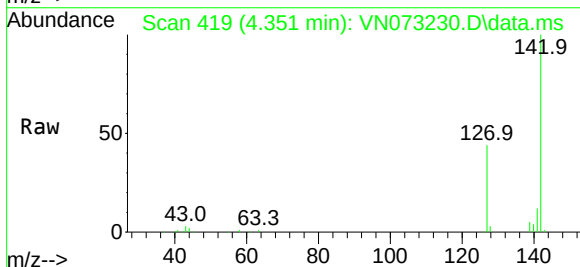
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

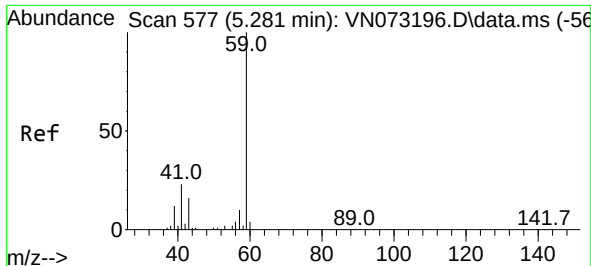
Tgt Ion:101 Resp: 153435
Ion Ratio Lower Upper
101 100
85 44.0 34.7 52.1
151 75.4 63.0 94.4



#10
Methyl Iodide
Concen: 45.618 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion:142 Resp: 171785
Ion Ratio Lower Upper
142 100
127 42.5 31.3 46.9
141 14.1 11.2 16.8

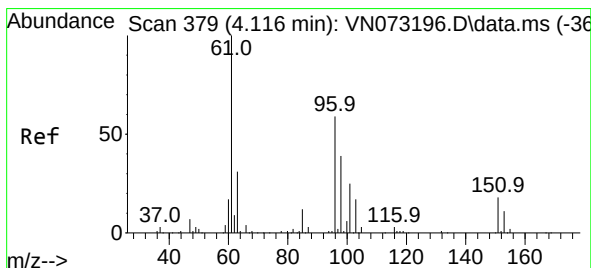
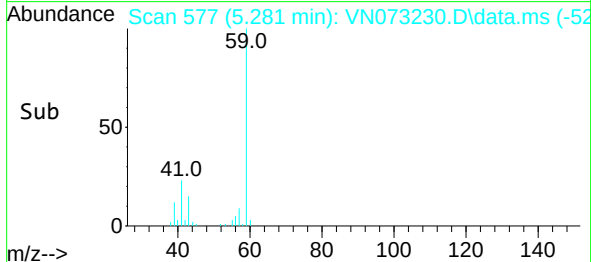
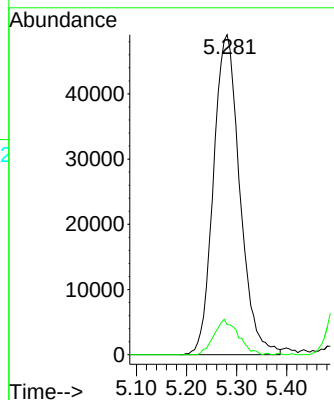
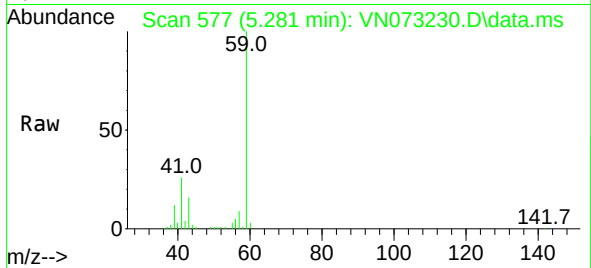




#11
Tert butyl alcohol
Concen: 198.913 ug/l
RT: 5.281 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

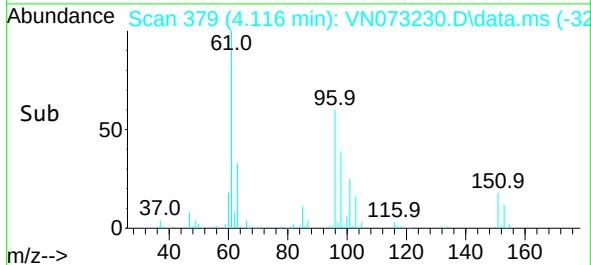
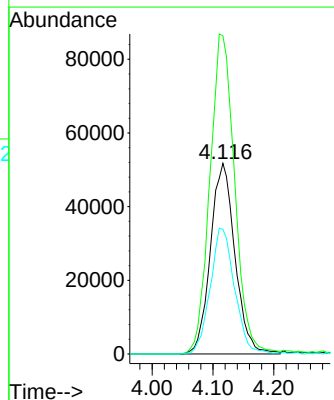
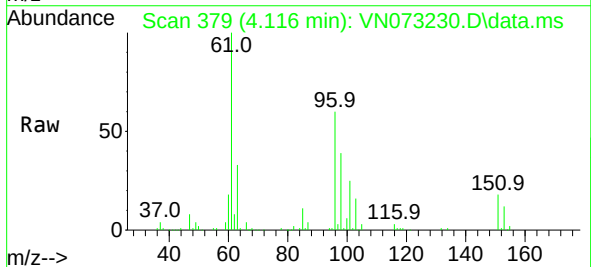
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

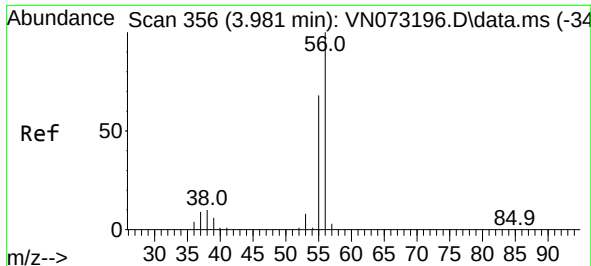
Tgt Ion: 59 Resp: 179326
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 47.830 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion: 96 Resp: 145153
Ion Ratio Lower Upper
96 100
61 166.9 127.6 191.4
98 65.4 51.2 76.8

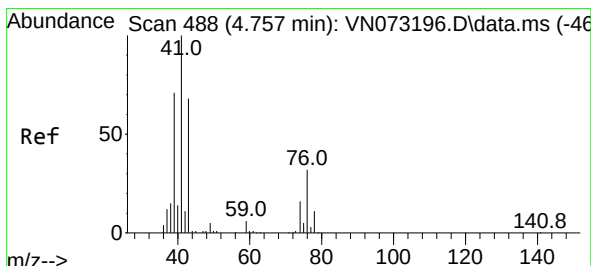
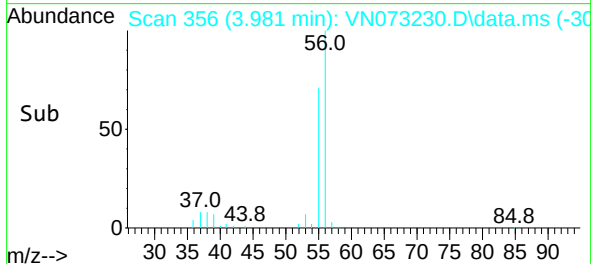
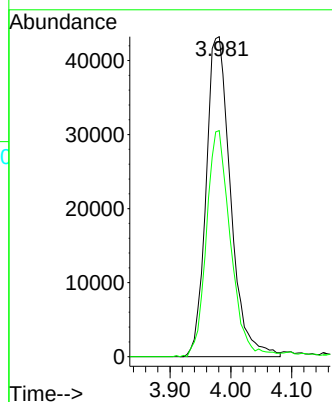
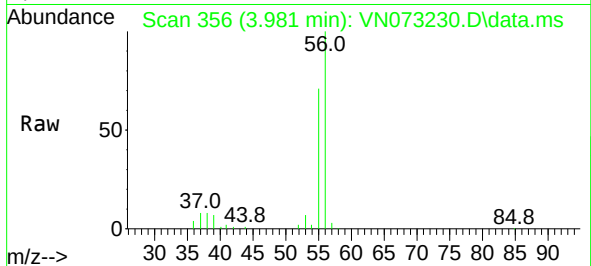




#13
Acrolein
Concen: 212.010 ug/l
RT: 3.981 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

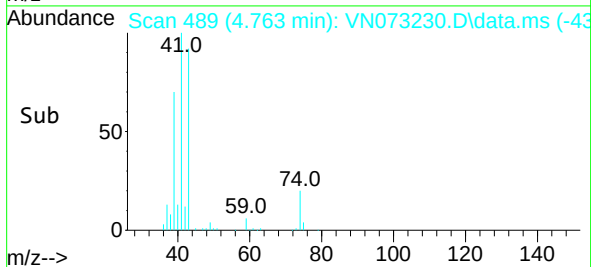
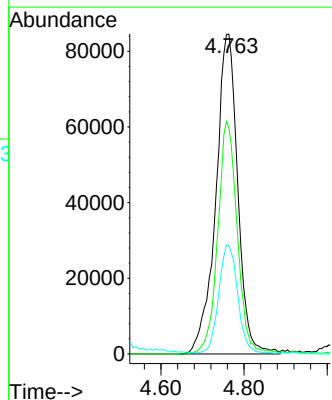
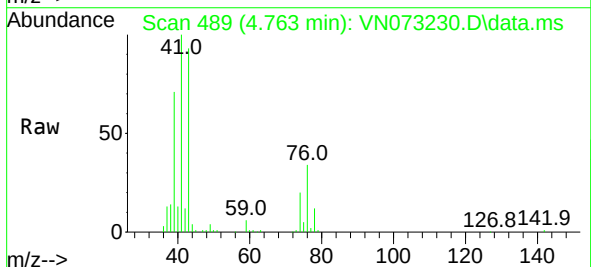
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

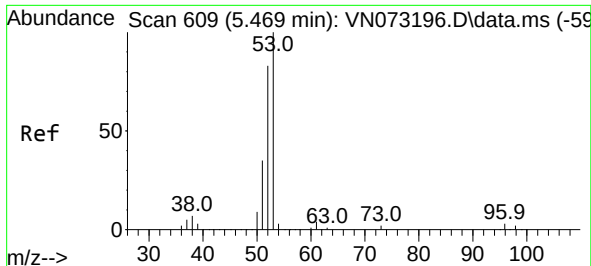
Tgt Ion: 56 Resp: 120809
Ion Ratio Lower Upper
56 100
55 69.5 54.8 82.2



#14
Allyl chloride
Concen: 48.541 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.006 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion: 41 Resp: 310330
Ion Ratio Lower Upper
41 100
39 64.8 53.2 79.8
76 29.2 29.9 44.9#

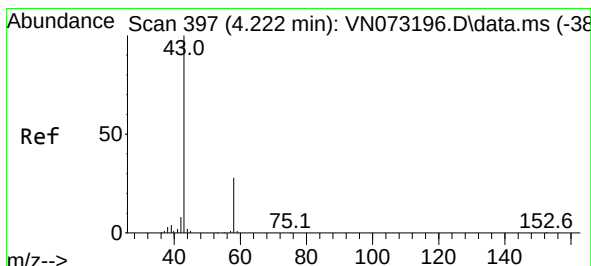
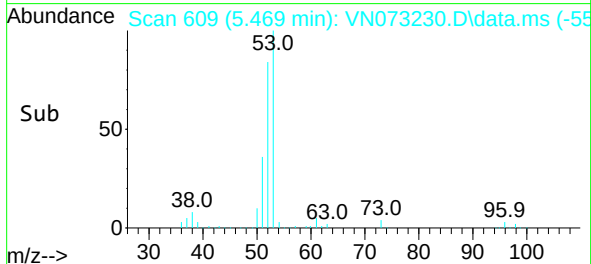
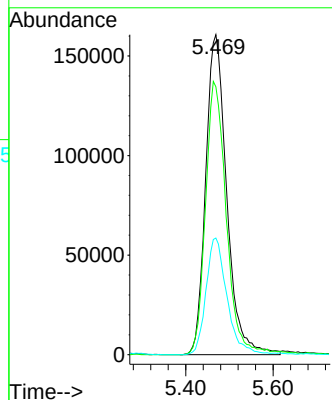
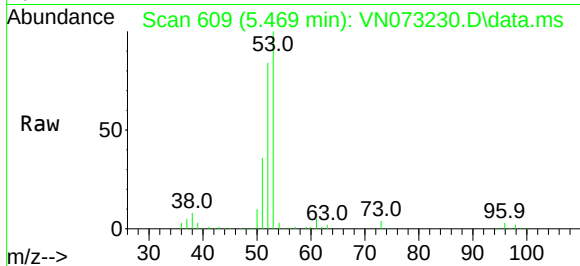




#15
Acrylonitrile
Concen: 232.177 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

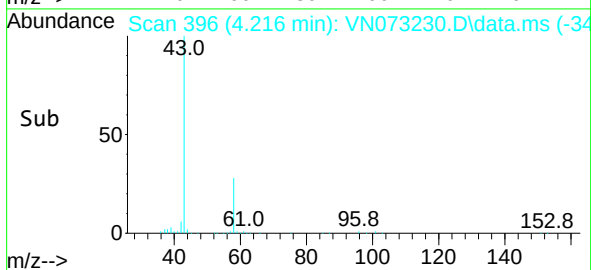
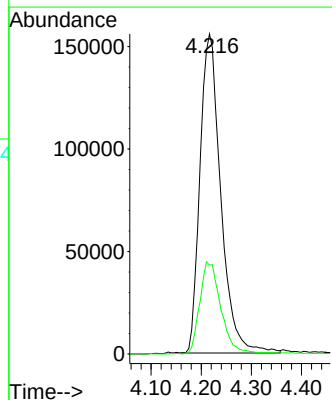
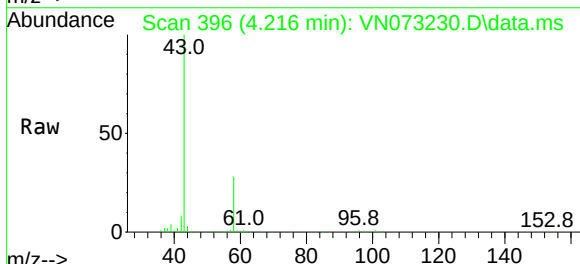
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

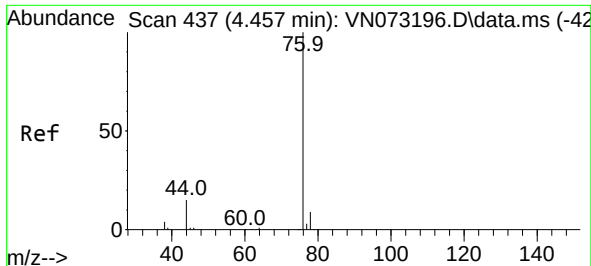
Tgt Ion: 53 Resp: 538830
Ion Ratio Lower Upper
53 100
52 84.8 66.4 99.6
51 36.3 28.5 42.7



#16
Acetone
Concen: 214.759 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion: 43 Resp: 448625
Ion Ratio Lower Upper
43 100
58 27.7 26.0 39.0





#17

Carbon Disulfide

Concen: 48.564 ug/l

RT: 4.457 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

Instrument :

MSVOA_N

ClientSampleId :

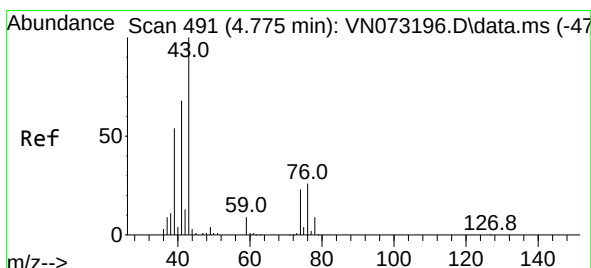
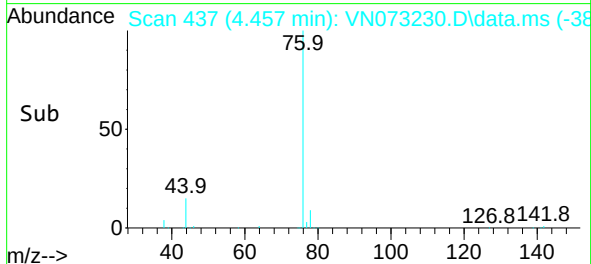
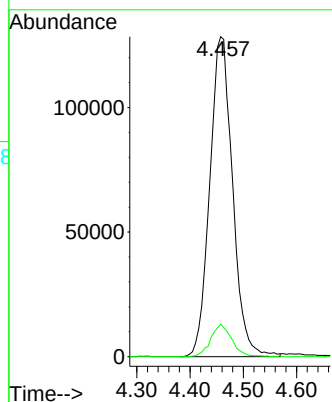
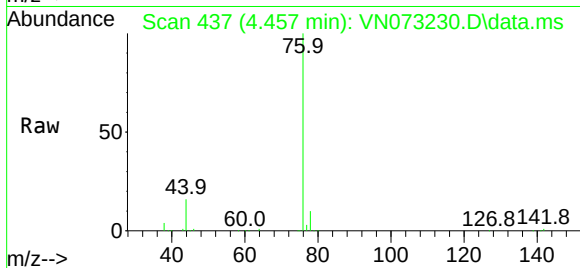
VSTDCCC050

Tgt Ion: 76 Resp: 382158

Ion Ratio Lower Upper

76 100

78 10.2 7.2 10.8



#18

Methyl Acetate

Concen: 45.368 ug/l

RT: 4.769 min Scan# 490

Delta R.T. -0.006 min

Lab File: VN073230.D

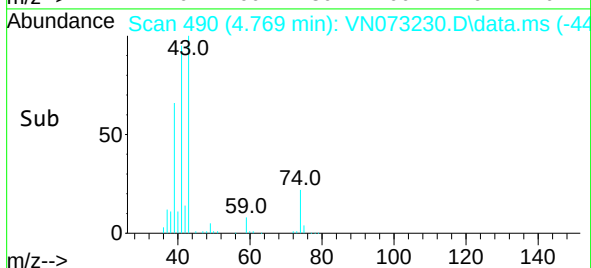
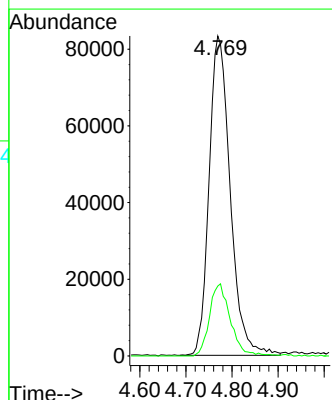
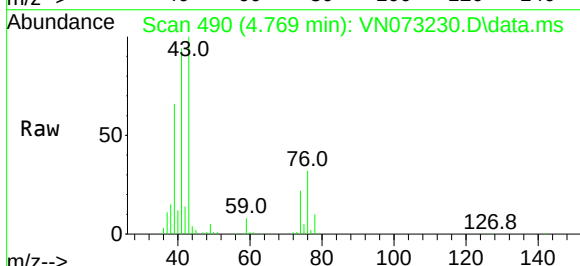
Acq: 29 Jun 2022 08:26

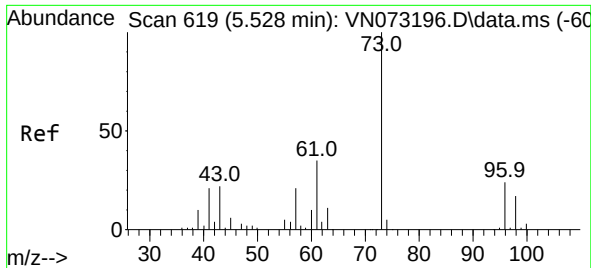
Tgt Ion: 43 Resp: 265590

Ion Ratio Lower Upper

43 100

74 22.3 21.6 32.4

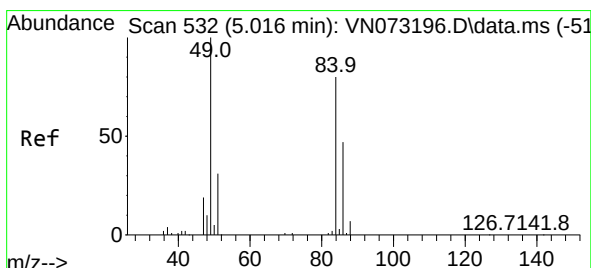
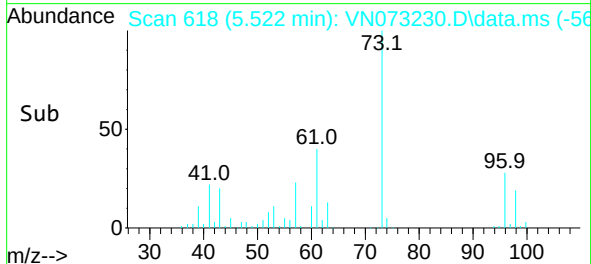
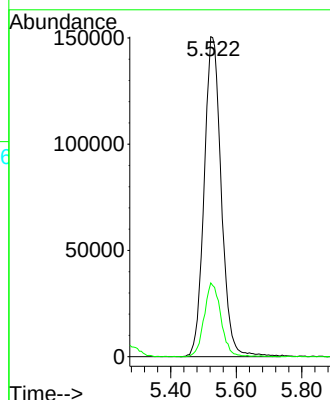
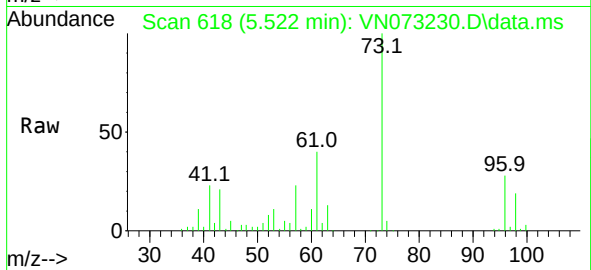




#19
Methyl tert-butyl Ether
Concen: 49.509 ug/l
RT: 5.522 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

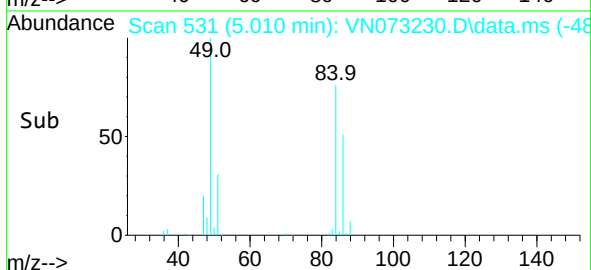
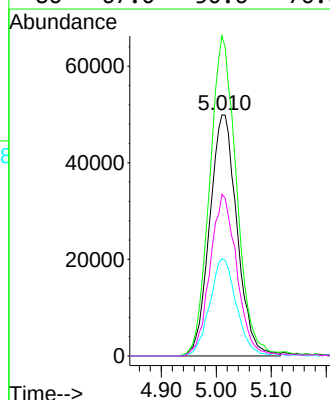
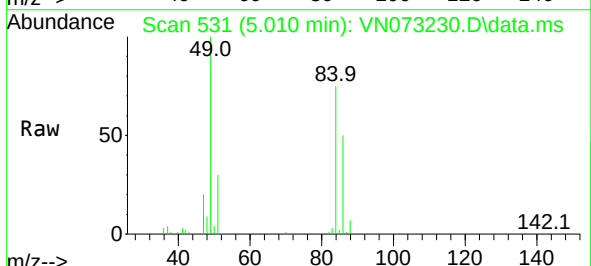
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

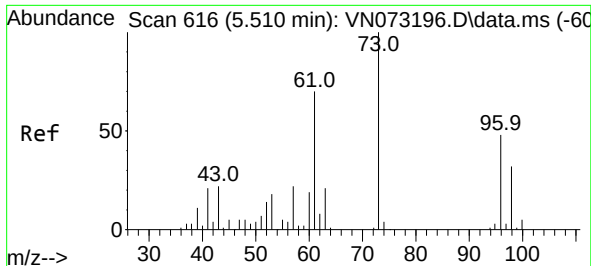
Tgt Ion: 73 Resp: 547595
Ion Ratio Lower Upper
73 100
57 23.1 17.6 26.4



#20
Methylene Chloride
Concen: 47.030 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion: 84 Resp: 172656
Ion Ratio Lower Upper
84 100
49 132.7 88.3 132.5#
51 40.3 28.2 42.2
86 67.0 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 48.533 ug/l

RT: 5.516 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

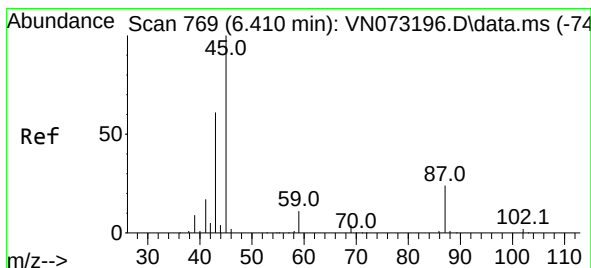
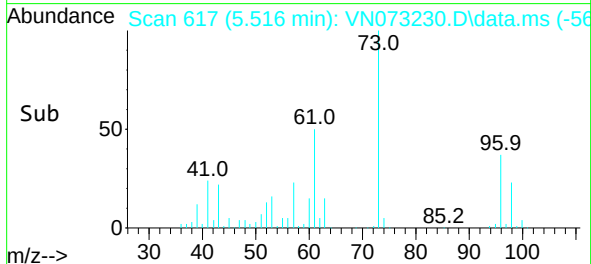
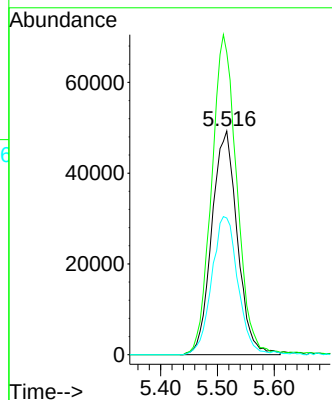
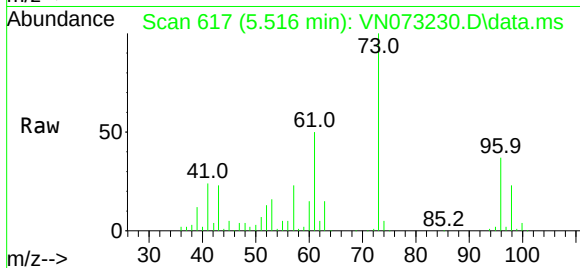
Tgt Ion: 96 Resp: 153896

Ion Ratio Lower Upper

96 100

61 135.1 105.8 158.8

98 61.1 50.3 75.5



#22

Diisopropyl ether

Concen: 50.217 ug/l

RT: 6.404 min Scan# 768

Delta R.T. -0.006 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

Tgt Ion: 45 Resp: 599068

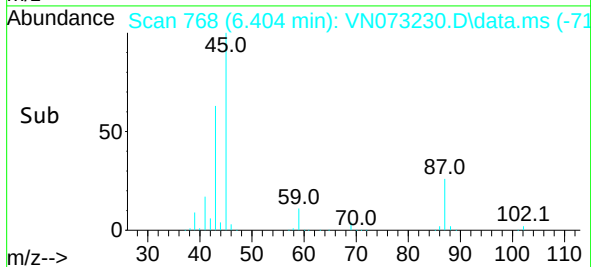
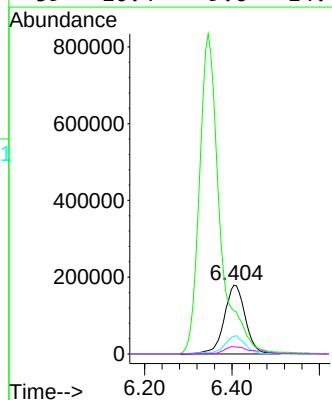
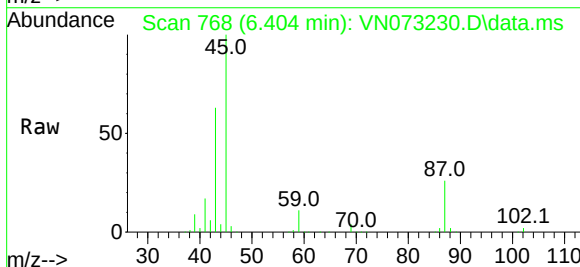
Ion Ratio Lower Upper

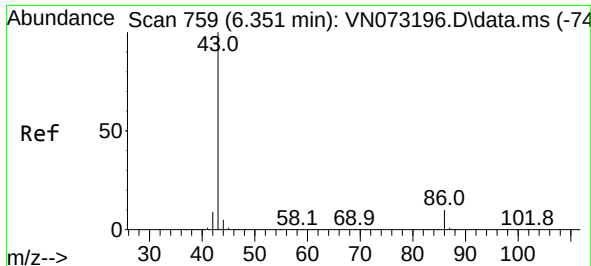
45 100

43 62.2 46.6 70.0

87 25.4 24.3 36.5

59 10.4 9.6 14.4

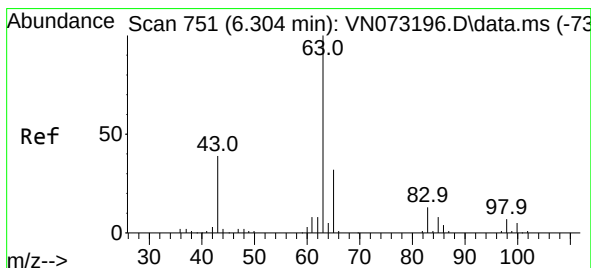
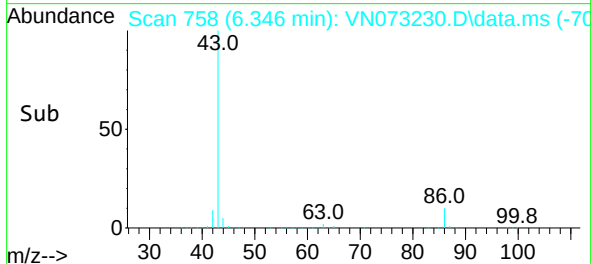
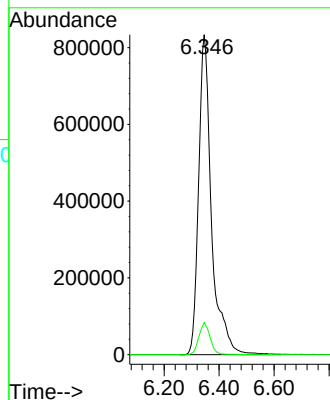
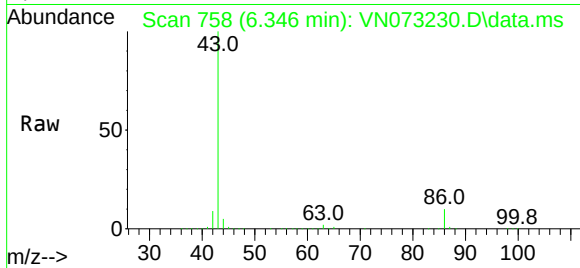




#23
 Vinyl Acetate
 Concen: 254.386 ug/l
 RT: 6.346 min Scan# 758
 Delta R.T. -0.005 min
 Lab File: VN073230.D
 Acq: 29 Jun 2022 08:26

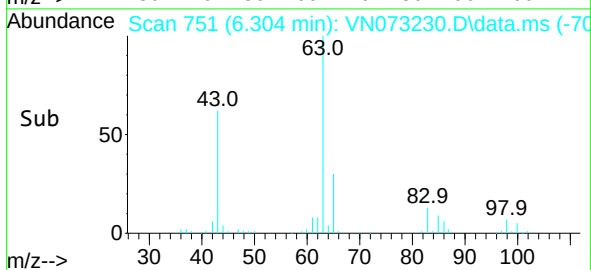
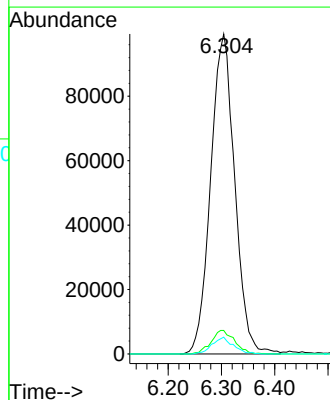
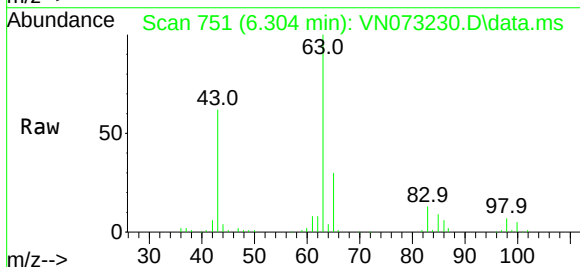
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

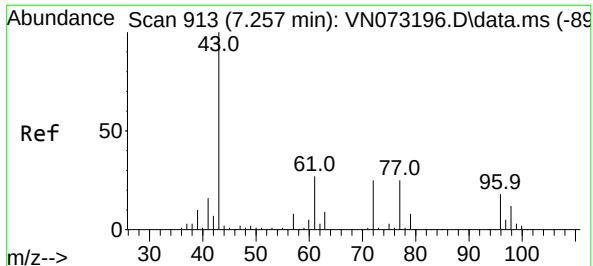
Tgt Ion: 43 Resp: 2717096
 Ion Ratio Lower Upper
 43 100
 86 10.0 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 50.517 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073230.D
 Acq: 29 Jun 2022 08:26

Tgt Ion: 63 Resp: 311868
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 5.2 2.3 6.8





#25

2-Butanone

Concen: 227.493 ug/l

RT: 7.251 min Scan# 912

Delta R.T. -0.006 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

Instrument :

MSVOA_N

ClientSampleId :

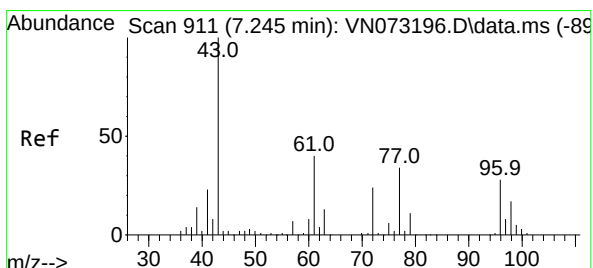
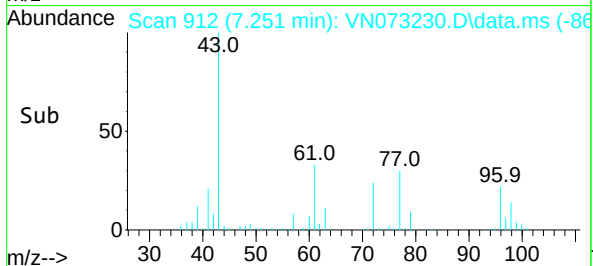
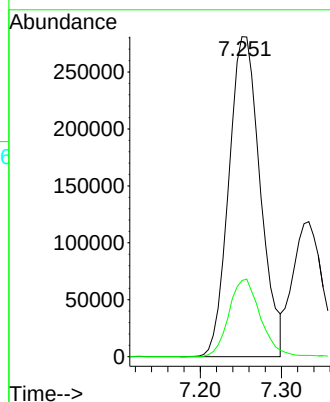
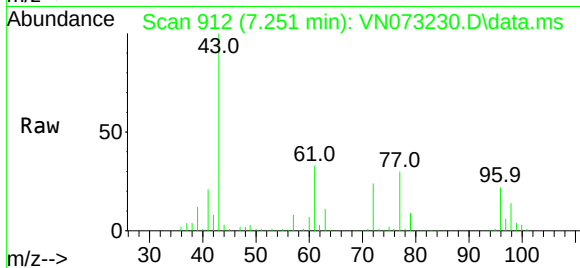
VSTDCCC050

Tgt Ion: 43 Resp: 756611

Ion Ratio Lower Upper

43 100

72 23.8 23.7 35.5



#26

2,2-Dichloropropane

Concen: 47.446 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN073230.D

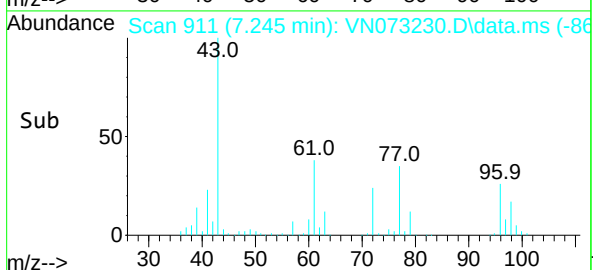
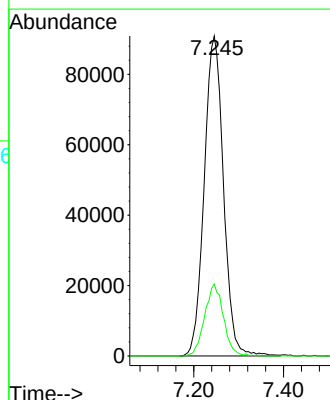
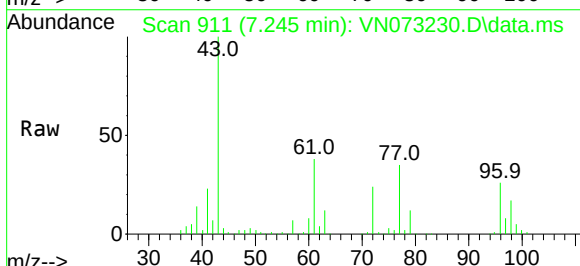
Acq: 29 Jun 2022 08:26

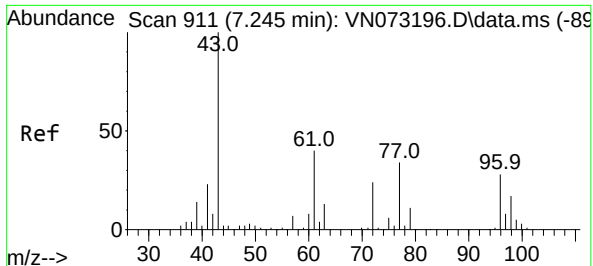
Tgt Ion: 77 Resp: 270900

Ion Ratio Lower Upper

77 100

97 21.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 48.011 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

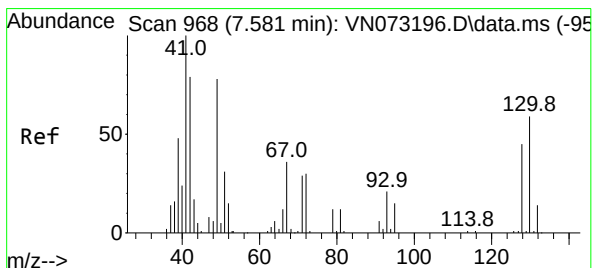
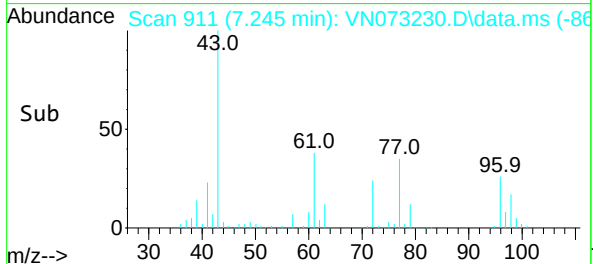
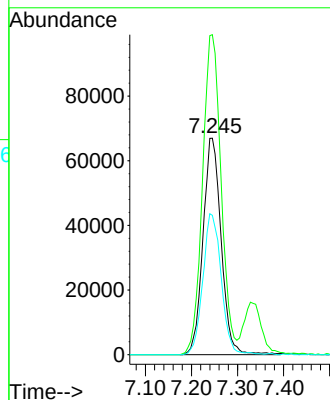
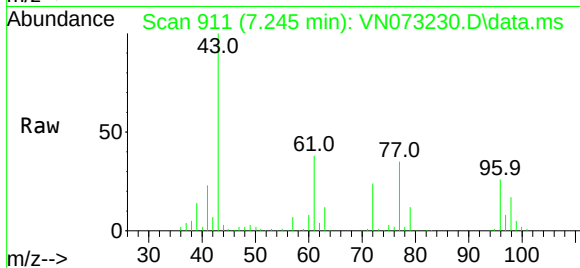
Tgt Ion: 96 Resp: 184364

Ion Ratio Lower Upper

96 100

61 150.7 0.0 280.6

98 65.9 0.0 128.4



#28

Bromochloromethane

Concen: 55.226 ug/l

RT: 7.581 min Scan# 968

Delta R.T. -0.000 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

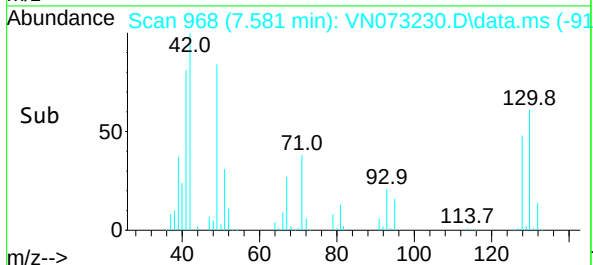
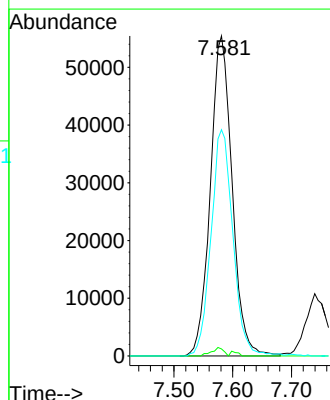
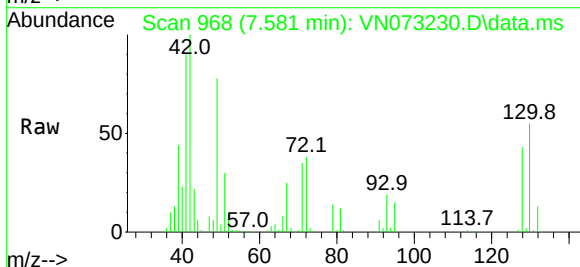
Tgt Ion: 49 Resp: 142788

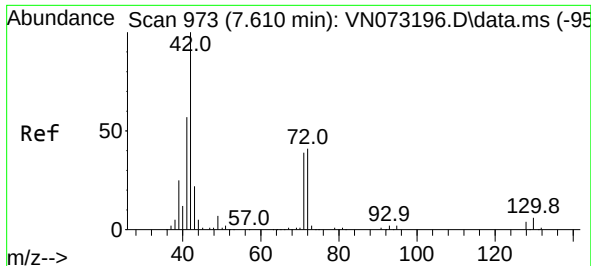
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.6

130 71.1 69.7 104.5





#29

Tetrahydrofuran

Concen: 229.401 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

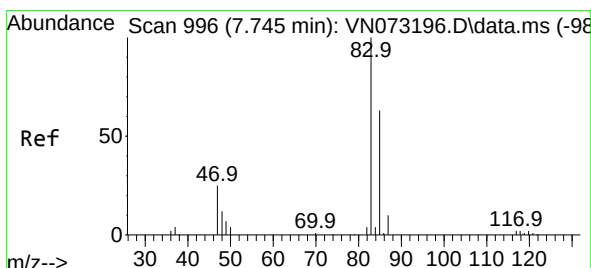
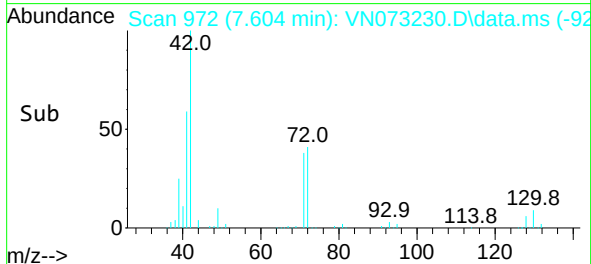
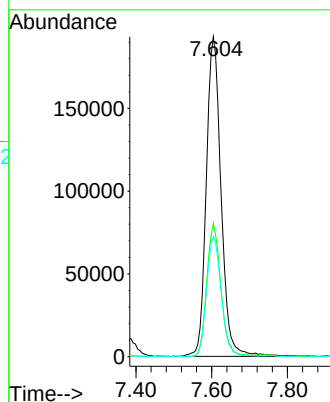
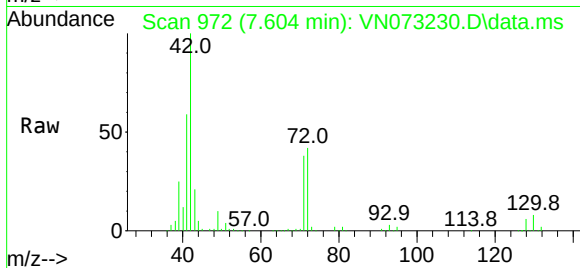
Tgt Ion: 42 Resp: 522413

Ion Ratio Lower Upper

42 100

72 40.1 39.7 59.5

71 36.9 36.6 55.0



#30

Chloroform

Concen: 49.216 ug/l

RT: 7.740 min Scan# 995

Delta R.T. -0.005 min

Lab File: VN073230.D

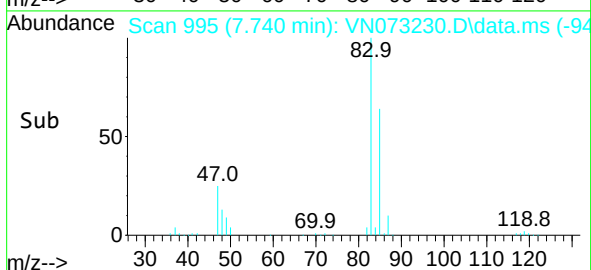
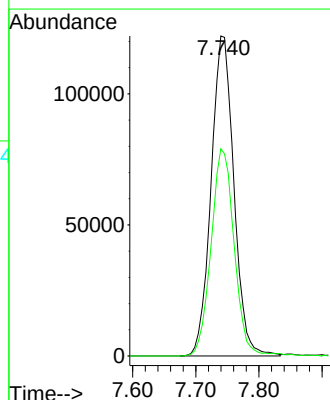
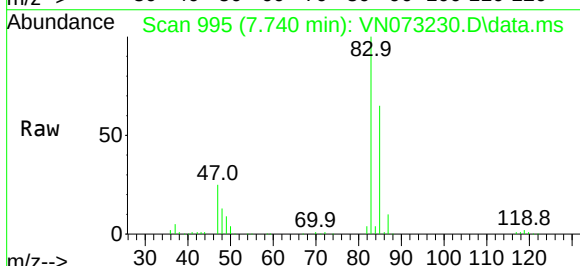
Acq: 29 Jun 2022 08:26

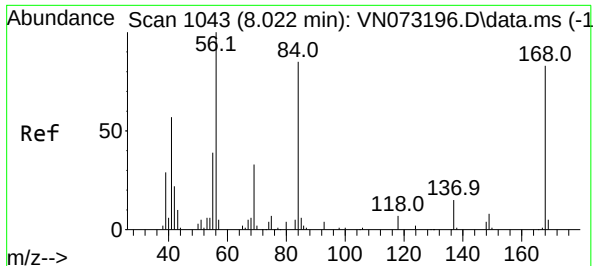
Tgt Ion: 83 Resp: 306020

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.8





#31

Cyclohexane

Concen: 46.922 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

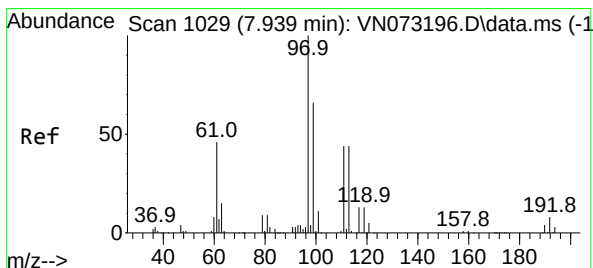
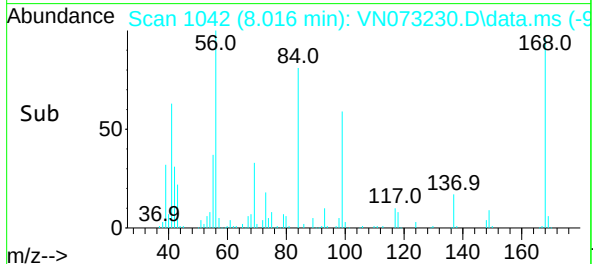
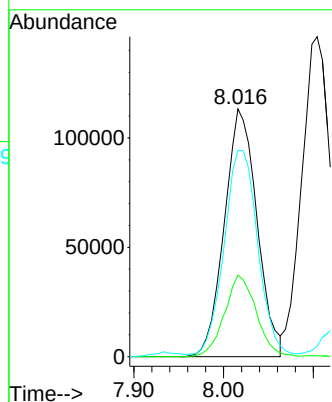
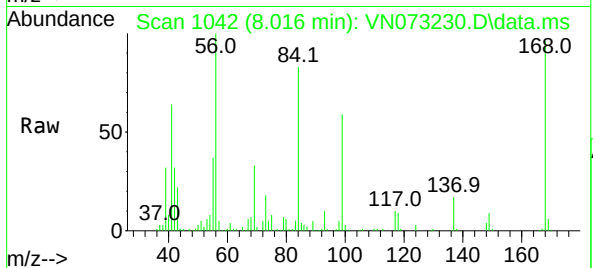
Tgt Ion: 56 Resp: 285987

Ion Ratio Lower Upper

56 100

69 32.9 27.8 41.8

84 82.0 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 49.565 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

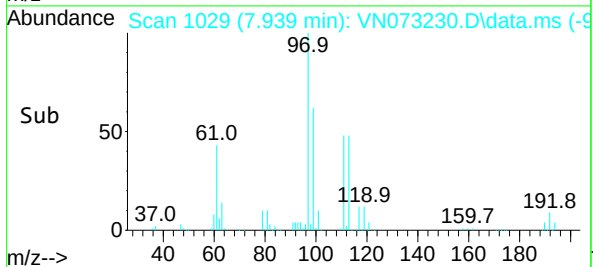
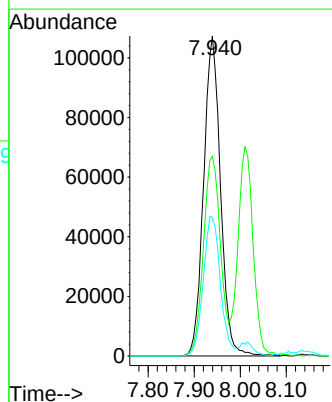
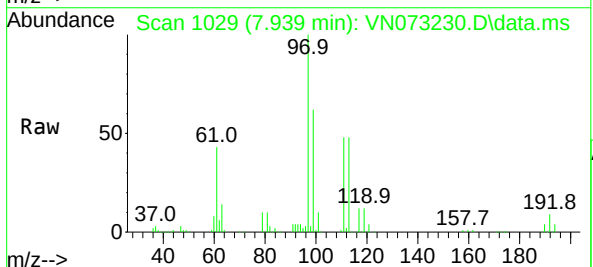
Tgt Ion: 97 Resp: 274649

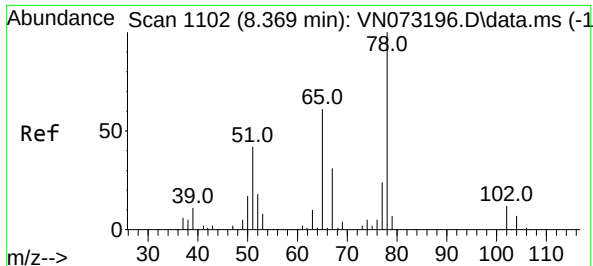
Ion Ratio Lower Upper

97 100

99 62.9 50.6 76.0

61 44.1 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 48.226 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

Instrument :

MSVOA_N

ClientSampleId :

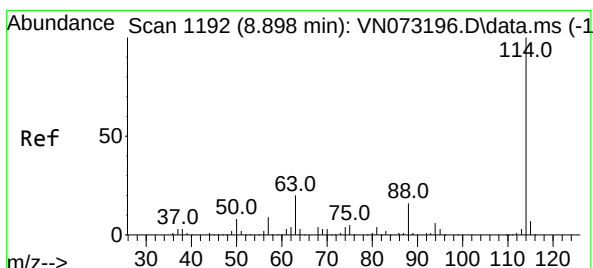
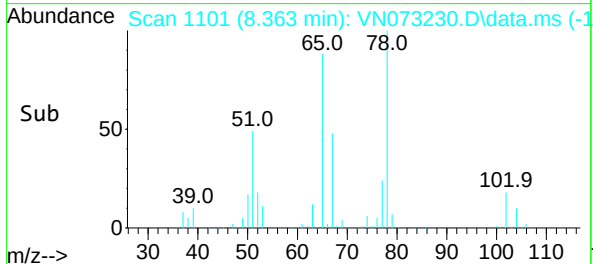
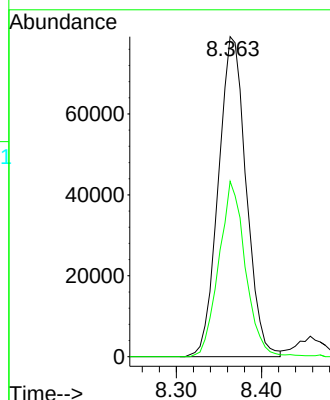
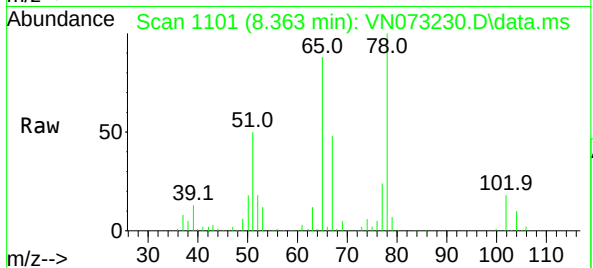
VSTDCCC050

Tgt Ion: 65 Resp: 179477

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

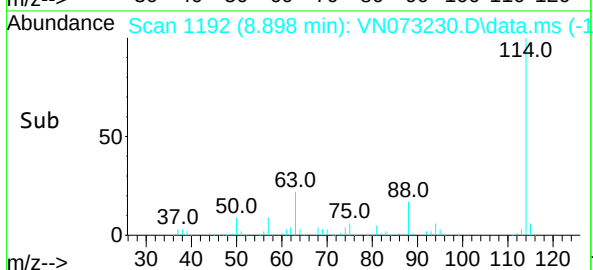
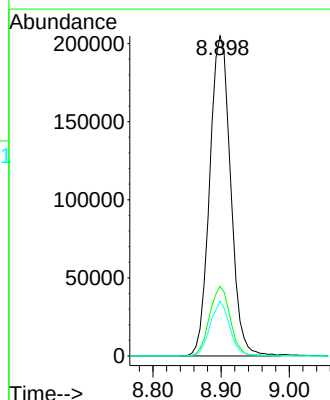
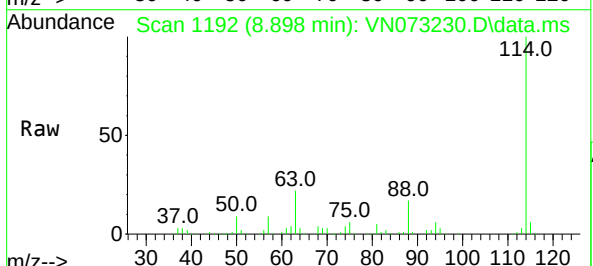
Tgt Ion: 114 Resp: 437576

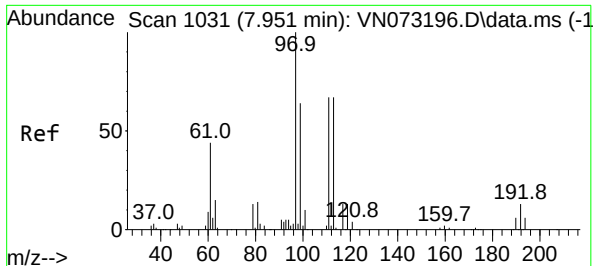
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 17.1 0.0 32.6

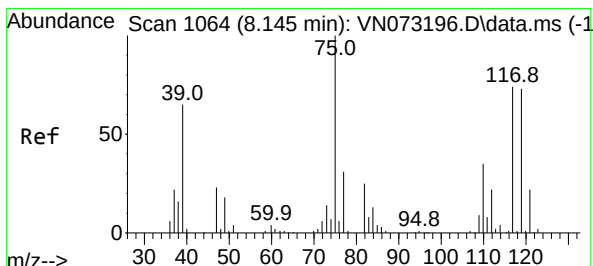
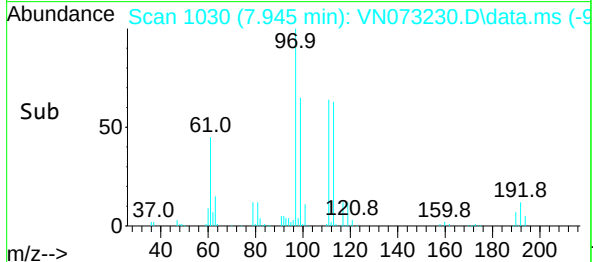
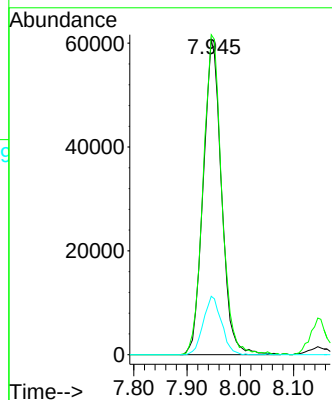
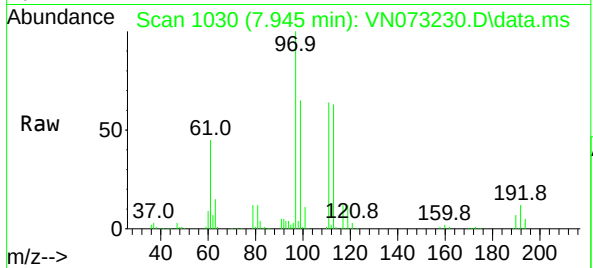




#35
Dibromofluoromethane
Concen: 49.637 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

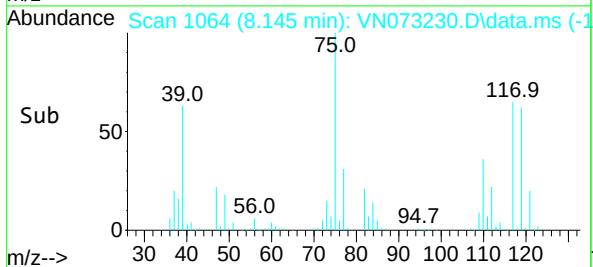
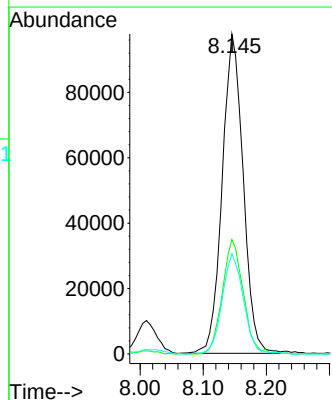
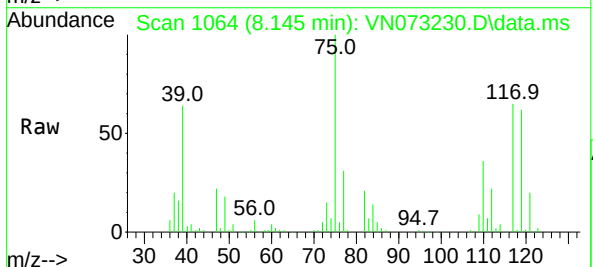
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

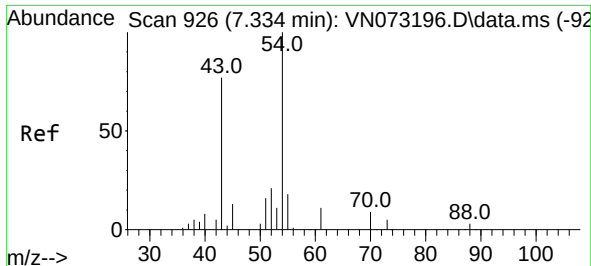
Tgt Ion:113 Resp: 144505
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 18.4 17.0 25.6



#36
1,1-Dichloropropene
Concen: 50.373 ug/l
RT: 8.145 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion: 75 Resp: 225650
Ion Ratio Lower Upper
75 100
110 35.7 18.3 54.8
77 31.9 25.1 37.7

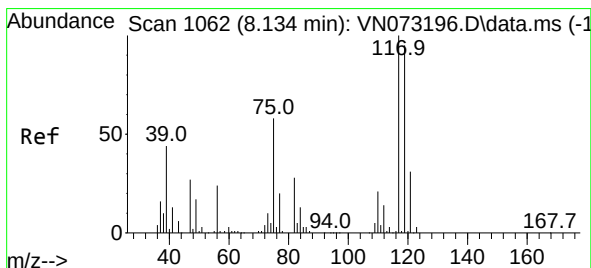
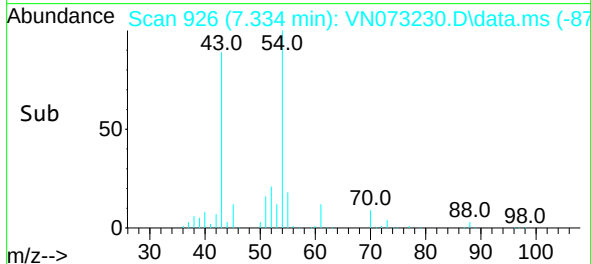
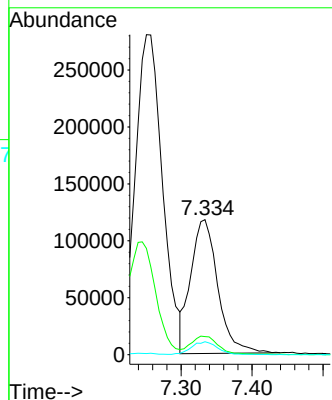
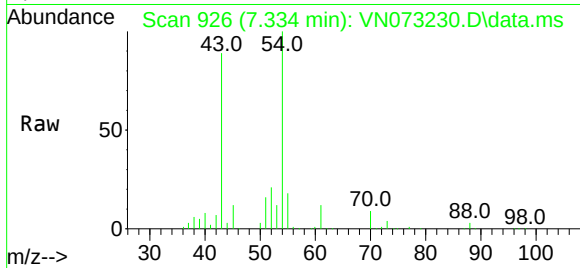




#37
Ethyl Acetate
Concen: 46.226 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

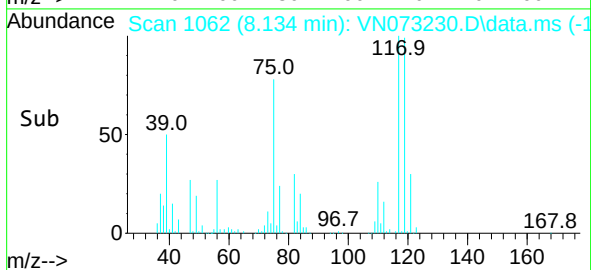
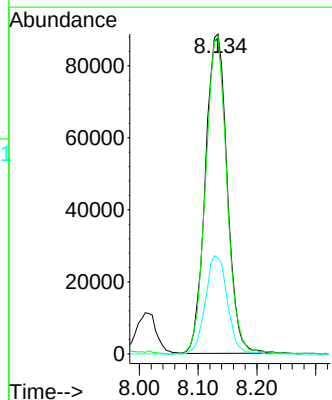
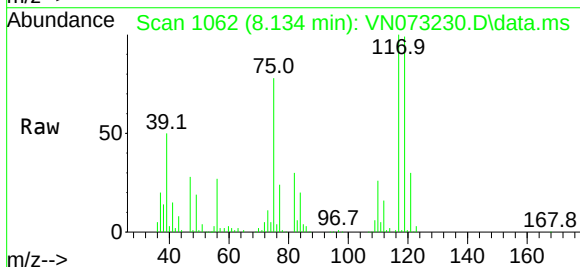
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

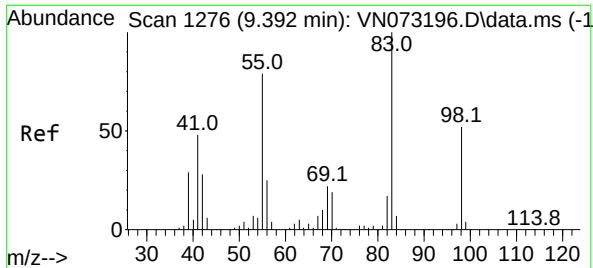
Tgt Ion: 43 Resp: 312882
Ion Ratio Lower Upper
43 100
61 13.5 11.8 17.6
70 9.4 9.3 13.9



#38
Carbon Tetrachloride
Concen: 49.392 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion: 117 Resp: 228803
Ion Ratio Lower Upper
117 100
119 99.4 75.8 113.8
121 30.1 24.6 37.0

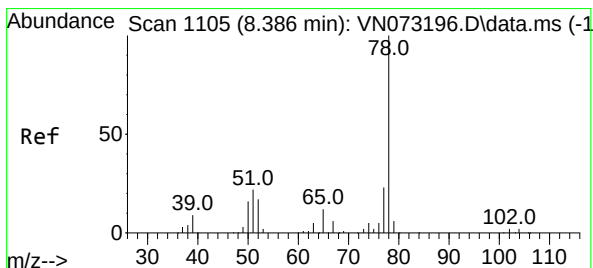
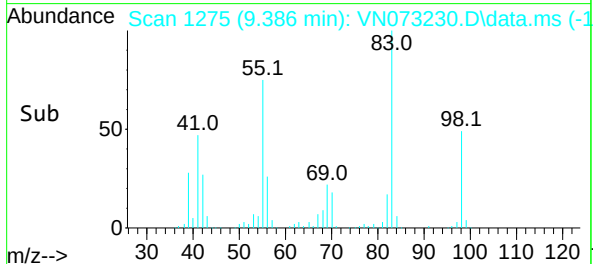
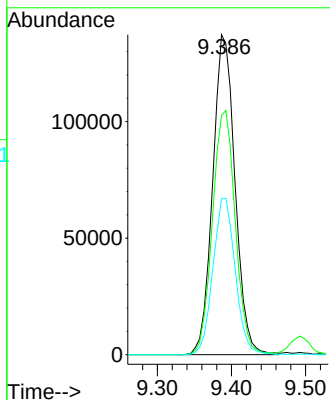
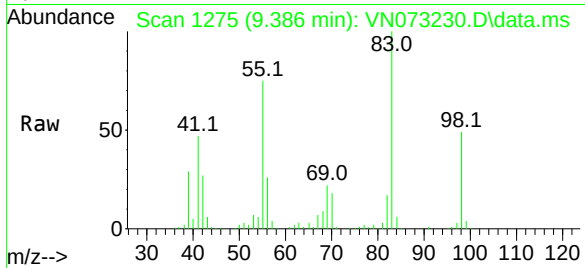




#39
Methylcyclohexane
Concen: 51.473 ug/l
RT: 9.386 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

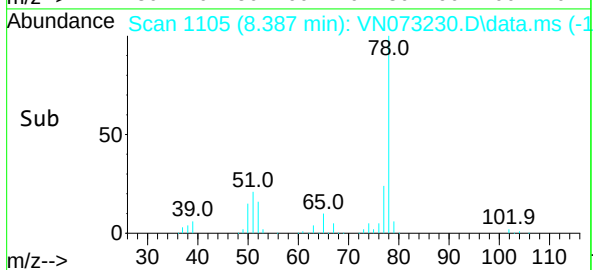
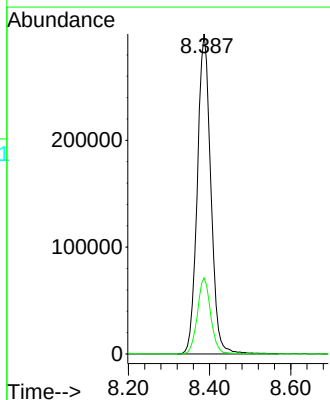
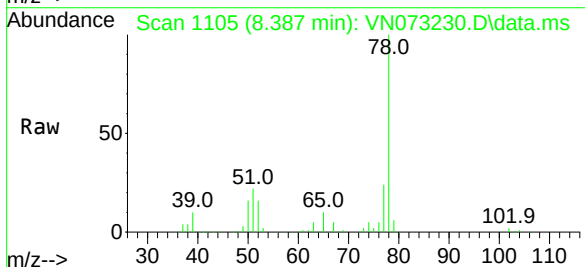
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

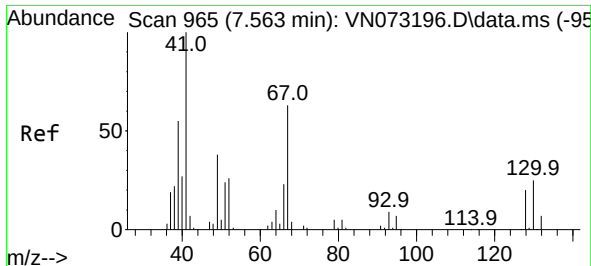
Tgt Ion: 83 Resp: 287065
Ion Ratio Lower Upper
83 100
55 74.7 57.8 86.8
98 48.7 39.4 59.2



#40
Benzene
Concen: 49.980 ug/l
RT: 8.387 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion: 78 Resp: 690948
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

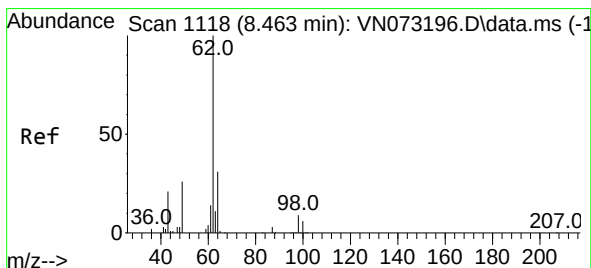
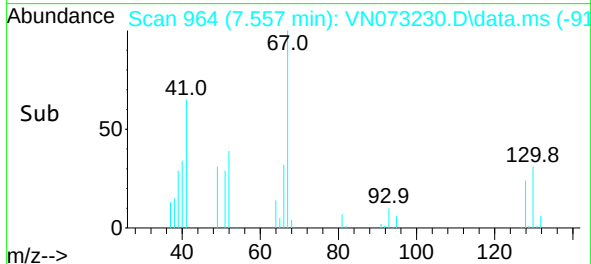
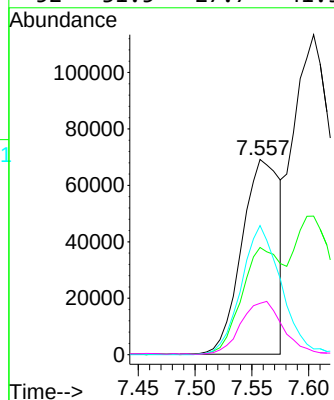
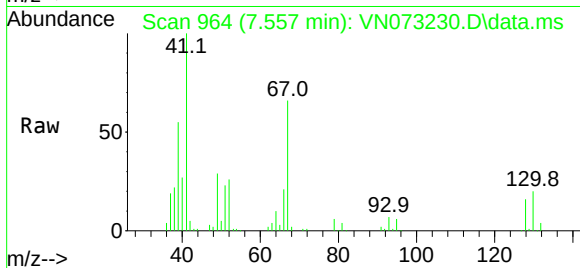




#41
Methacrylonitrile
Concen: 48.494 ug/l
RT: 7.557 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

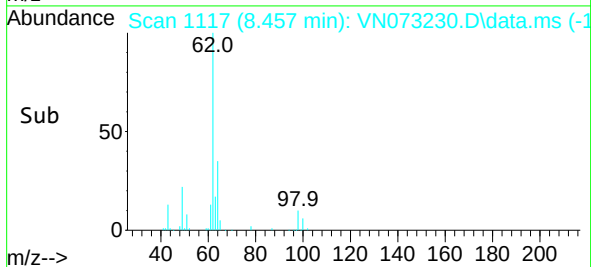
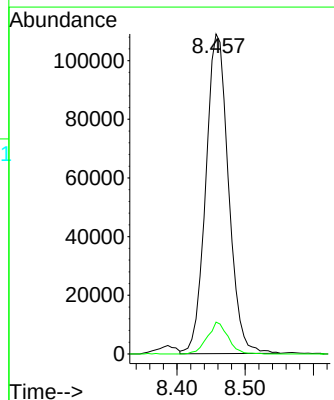
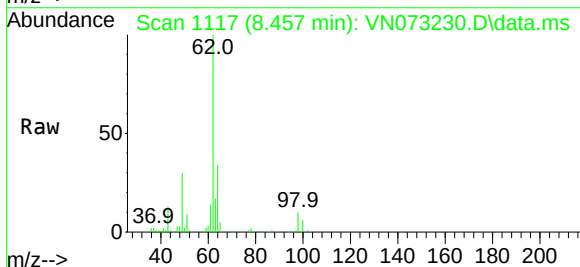
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

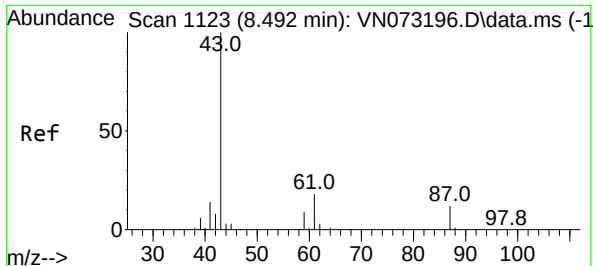
Tgt Ion:	41	Resp:	159186
Ion	Ratio	Lower	Upper
41	100		
39	61.6	48.6	73.0
67	71.4	73.4	110.2#
52	31.5	27.7	41.5



#42
1,2-Dichloroethane
Concen: 50.411 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion:	62	Resp:	252626
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.4





#43

Isopropyl Acetate

Concen: 49.592 ug/l

RT: 8.487 min Scan# 1122

Delta R.T. -0.005 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

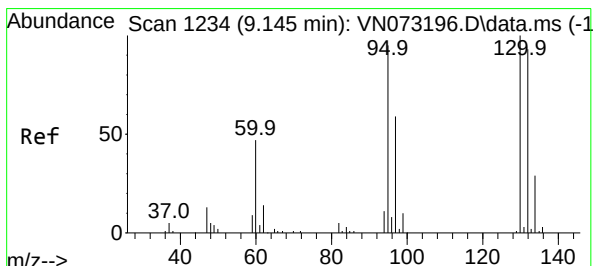
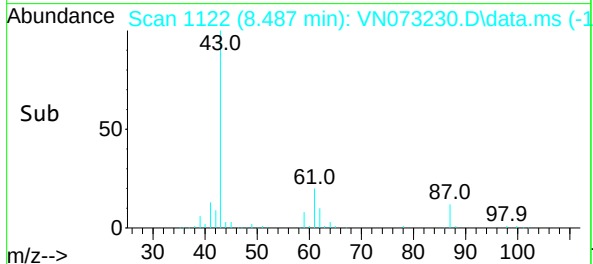
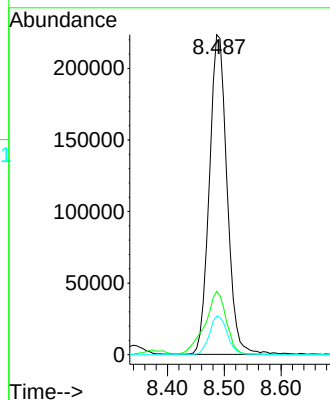
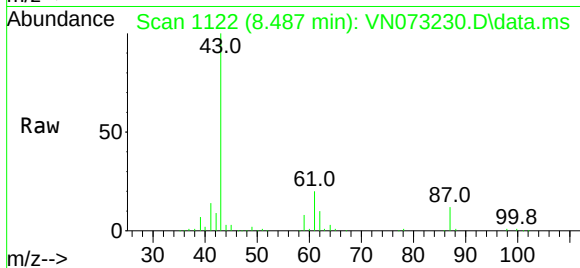
Tgt Ion: 43 Resp: 482402

Ion Ratio Lower Upper

43 100

61 23.6 21.9 32.9

87 12.3 12.0 18.0



#44

Trichloroethene

Concen: 48.552 ug/l

RT: 9.145 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VN073230.D

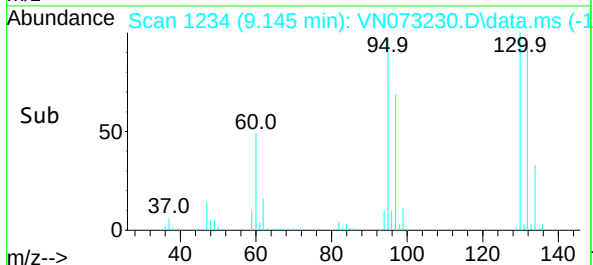
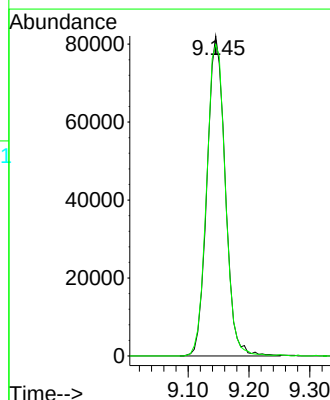
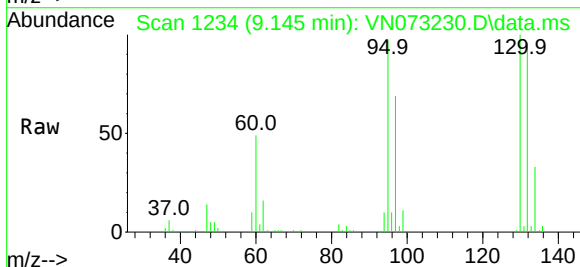
Acq: 29 Jun 2022 08:26

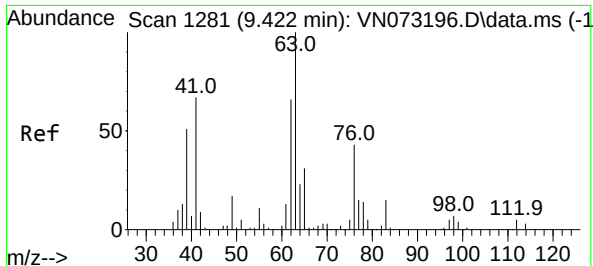
Tgt Ion:130 Resp: 170811

Ion Ratio Lower Upper

130 100

95 97.3 0.0 186.8





#45

1,2-Dichloropropane

Concen: 51.817 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

Instrument :

MSVOA_N

ClientSampleId :

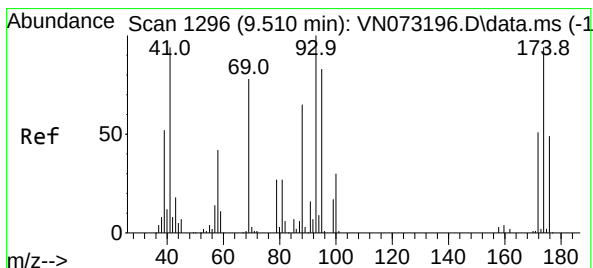
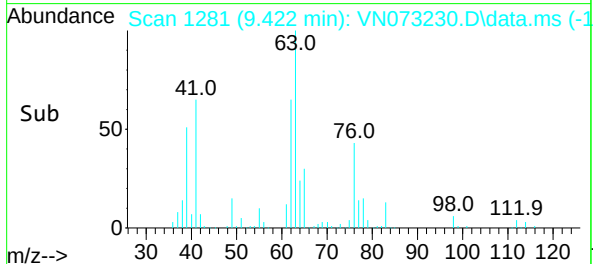
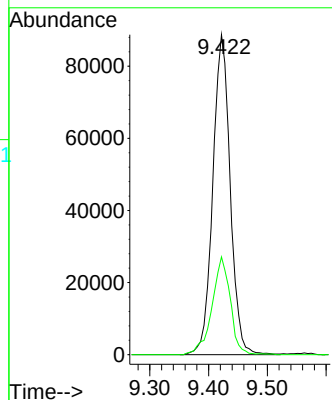
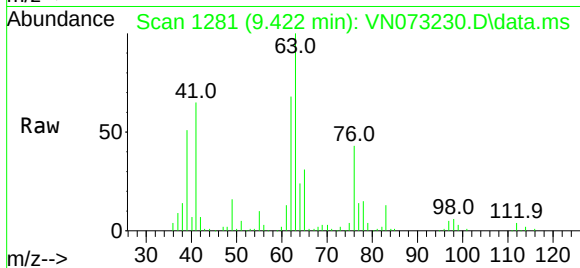
VSTDCCC050

Tgt Ion: 63 Resp: 182585

Ion Ratio Lower Upper

63 100

65 30.5 24.9 37.3



#46

Dibromomethane

Concen: 49.937 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

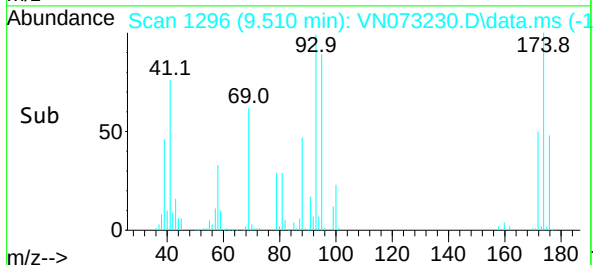
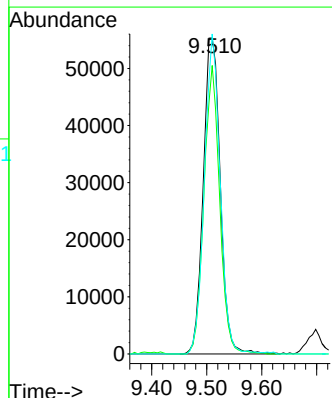
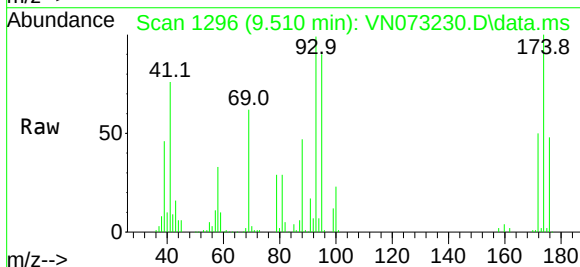
Tgt Ion: 93 Resp: 119475

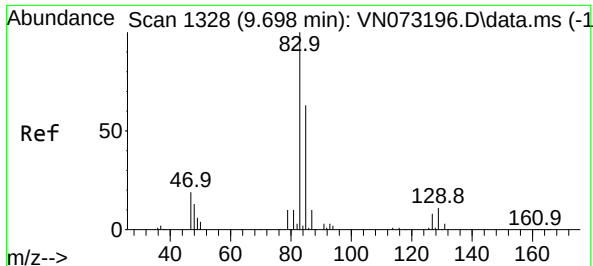
Ion Ratio Lower Upper

93 100

95 84.2 66.9 100.3

174 93.7 86.6 130.0

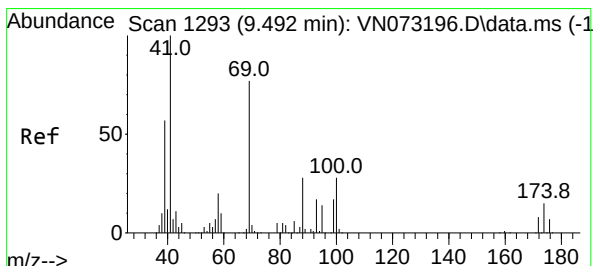
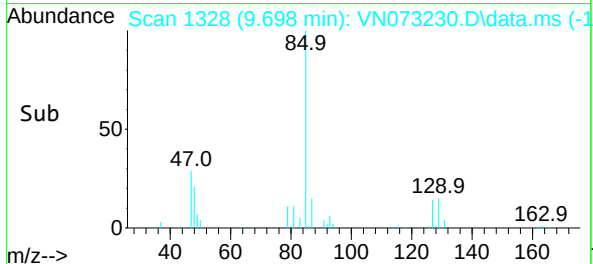
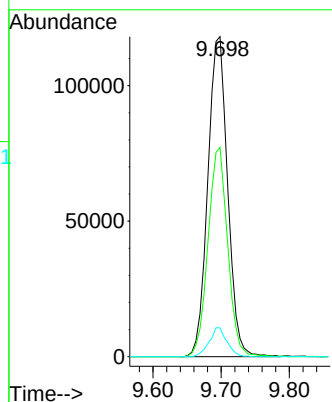
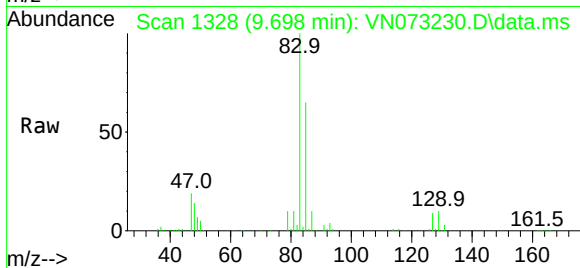




#47
Bromodichloromethane
Concen: 51.583 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

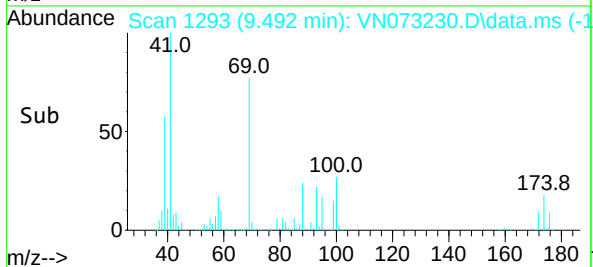
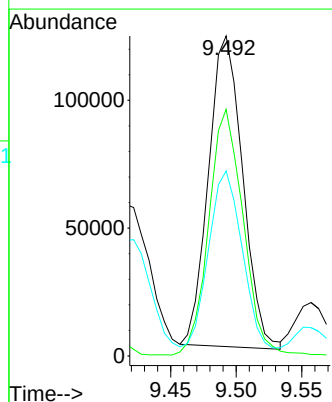
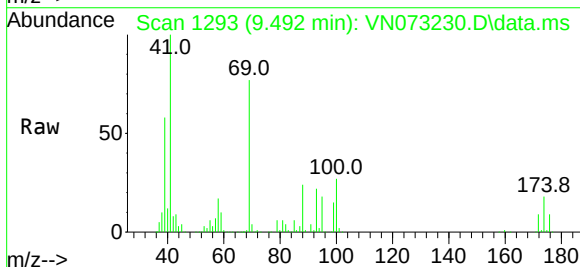
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

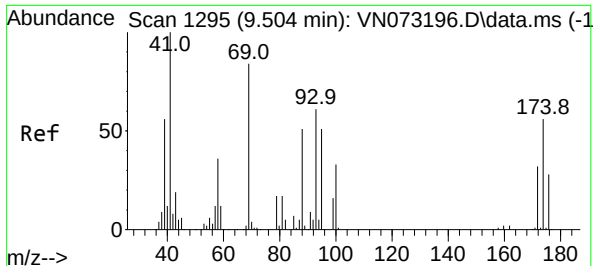
Tgt Ion: 83 Resp: 239027
Ion Ratio Lower Upper
83 100
85 65.4 50.5 75.7
127 9.0 6.8 10.2



#48
Methyl methacrylate
Concen: 48.883 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion: 41 Resp: 220168
Ion Ratio Lower Upper
41 100
69 80.2 74.7 112.1
39 55.7 45.6 68.4

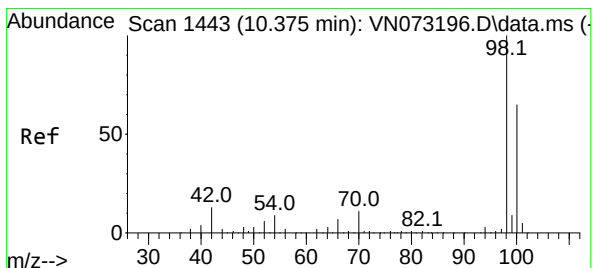
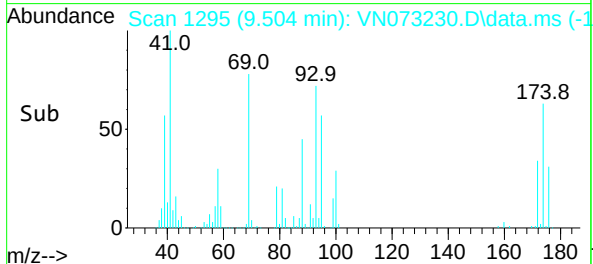
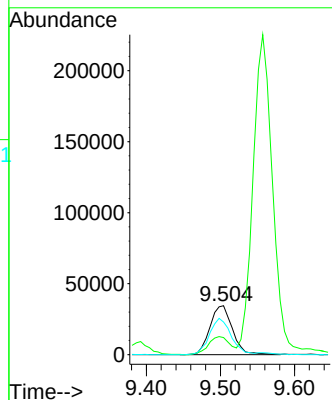
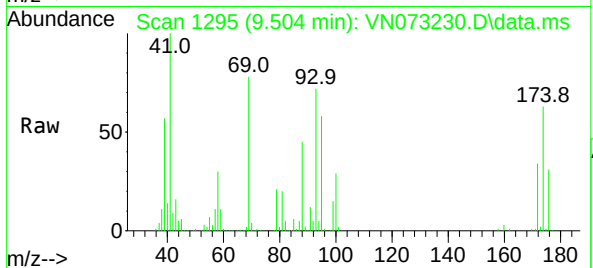




#49
1,4-Dioxane
Concen: 849.839 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

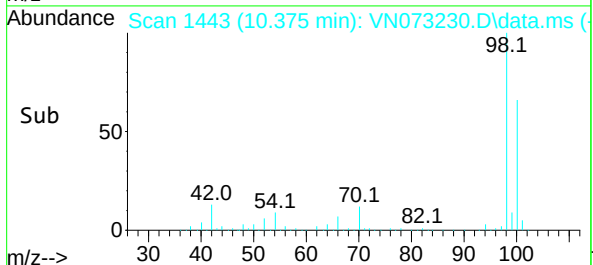
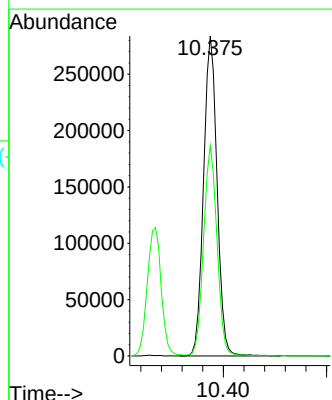
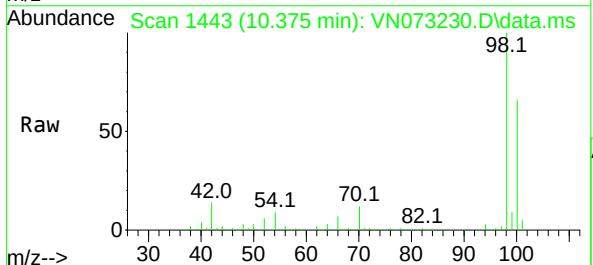
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

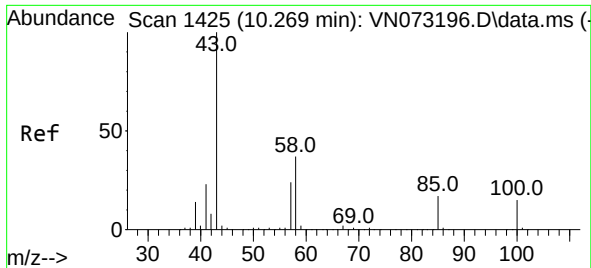
Tgt Ion: 88 Resp: 72663
Ion Ratio Lower Upper
88 100
43 36.1 20.2 30.4#
58 71.6 54.2 81.4



#50
Toluene-d8
Concen: 49.800 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion: 98 Resp: 514927
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

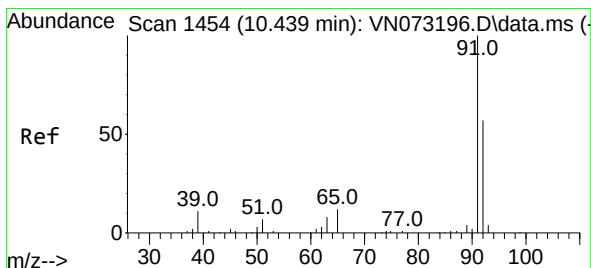
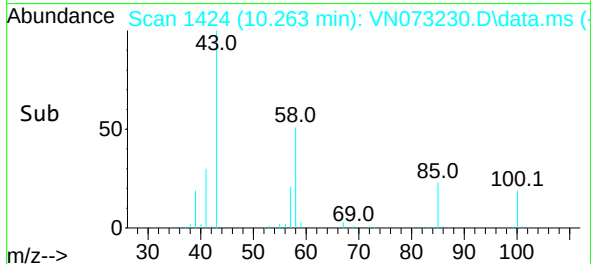
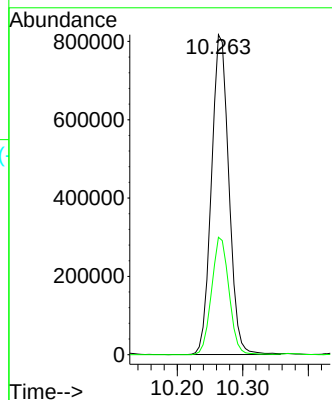
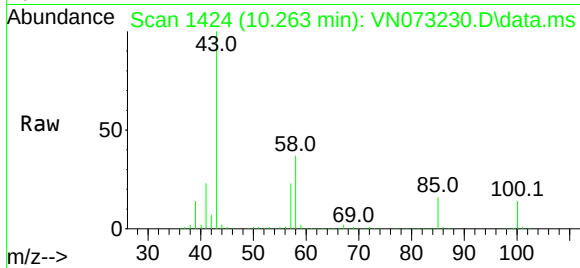




#51
4-Methyl-2-Pentanone
Concen: 244.575 ug/l
RT: 10.263 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

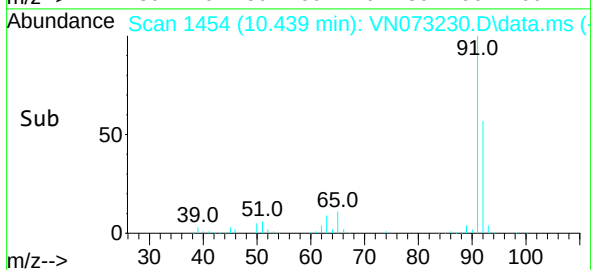
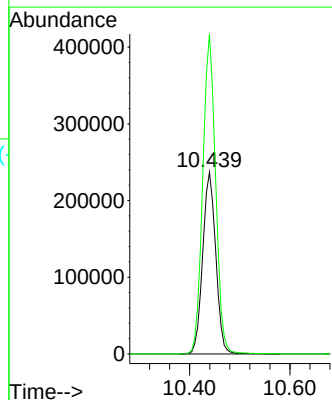
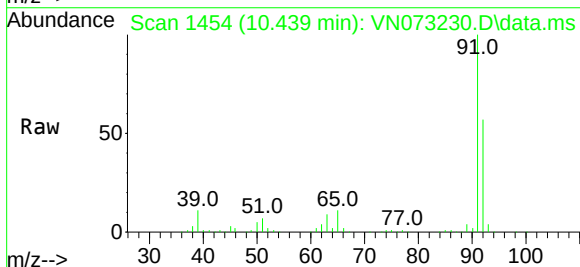
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

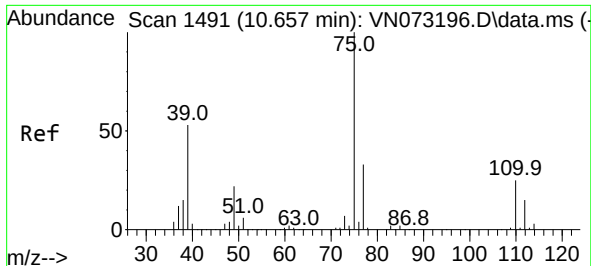
Tgt Ion: 43 Resp: 1508718
Ion Ratio Lower Upper
43 100
58 36.7 34.1 51.1



#52
Toluene
Concen: 50.233 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion: 92 Resp: 429173
Ion Ratio Lower Upper
92 100
91 173.5 138.6 207.8

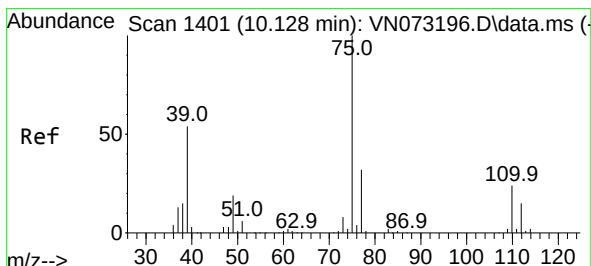
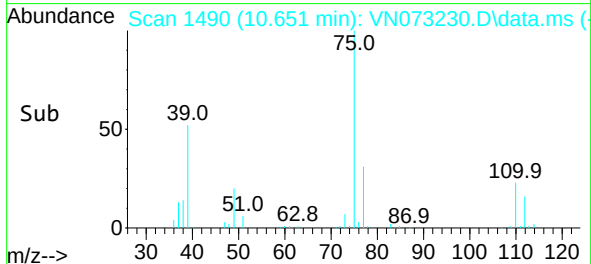
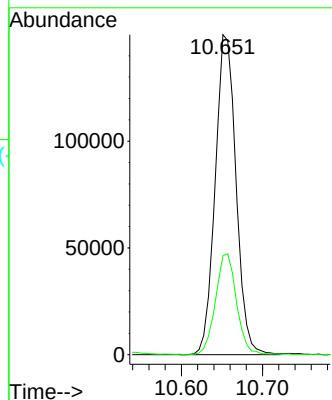
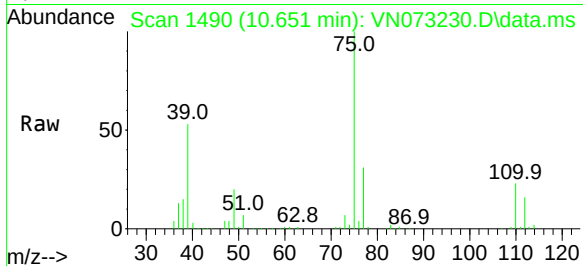




#53
 t-1,3-Dichloropropene
 Concen: 52.492 ug/l
 RT: 10.651 min Scan# 1490
 Delta R.T. -0.006 min
 Lab File: VN073230.D
 Acq: 29 Jun 2022 08:26

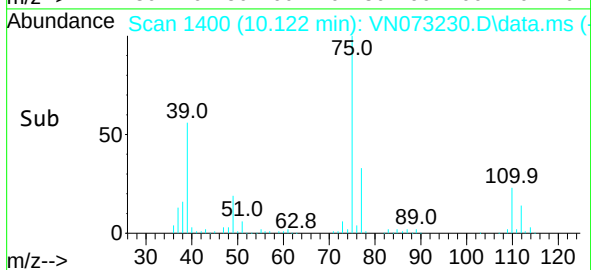
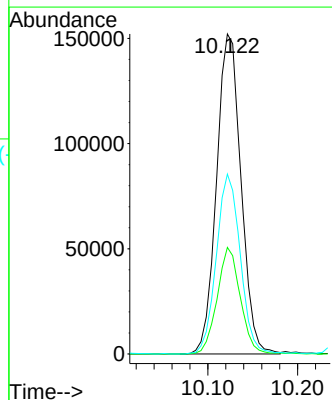
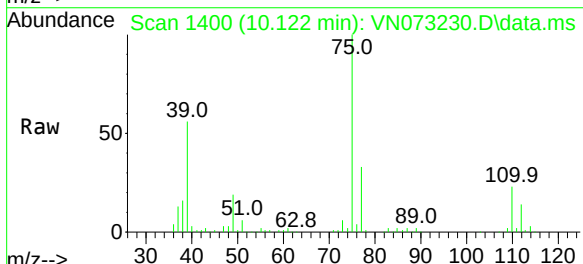
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

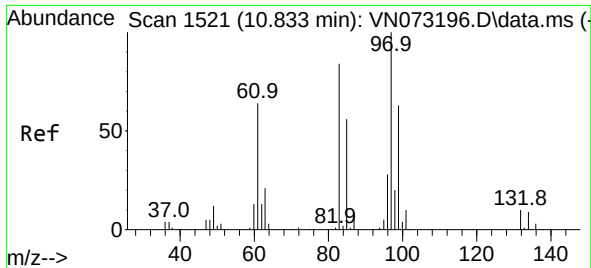
Tgt Ion: 75 Resp: 267768
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 52.203 ug/l
 RT: 10.122 min Scan# 1400
 Delta R.T. -0.006 min
 Lab File: VN073230.D
 Acq: 29 Jun 2022 08:26

Tgt Ion: 75 Resp: 287495
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.2 37.8
 39 56.2 35.7 53.5#



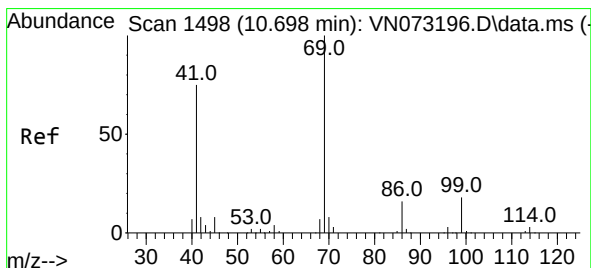
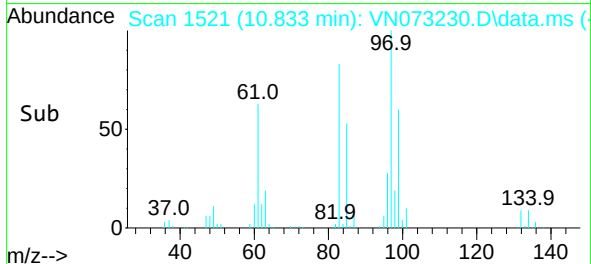
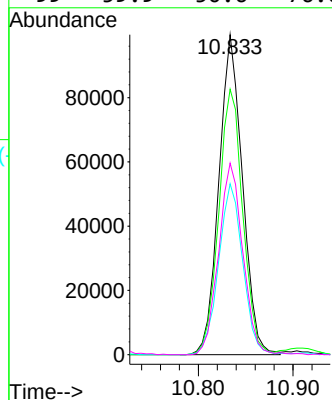
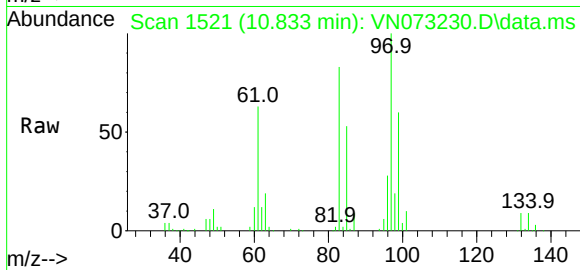


#55
1,1,2-Trichloroethane
Concen: 48.946 ug/l
RT: 10.833 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 172154

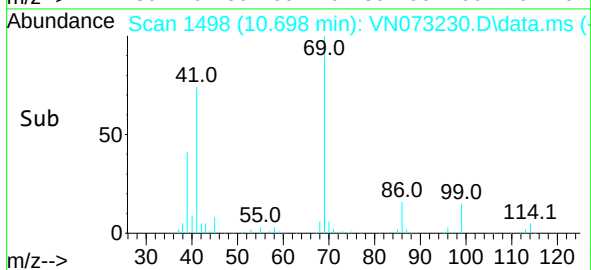
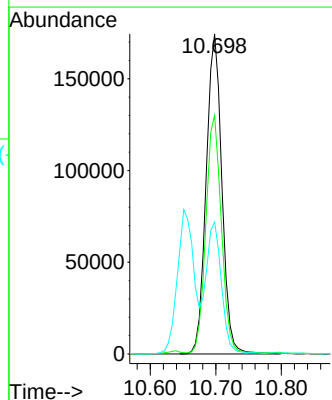
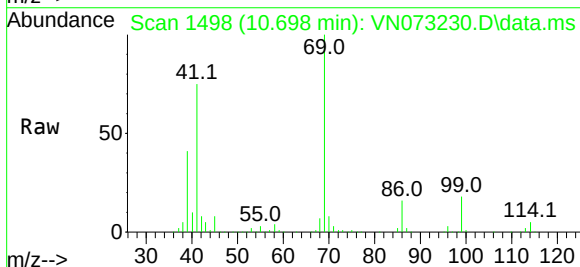
Ion	Ratio	Lower	Upper
97	100		
83	83.0	66.2	99.4
85	53.4	43.9	65.9
99	59.9	50.6	76.0

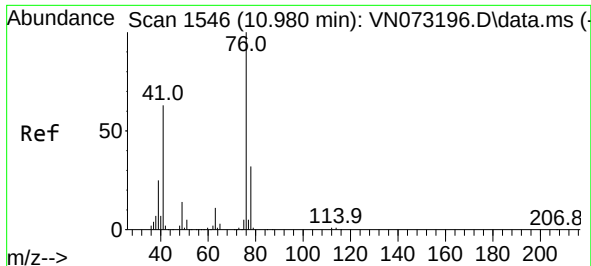


#56
Ethyl methacrylate
Concen: 51.112 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion: 69 Resp: 290571

Ion	Ratio	Lower	Upper
69	100		
41	72.7	47.8	71.6#
39	40.5	27.3	40.9





#57

1,3-Dichloropropane

Concen: 49.233 ug/l

RT: 10.980 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

Instrument :

MSVOA_N

ClientSampleId :

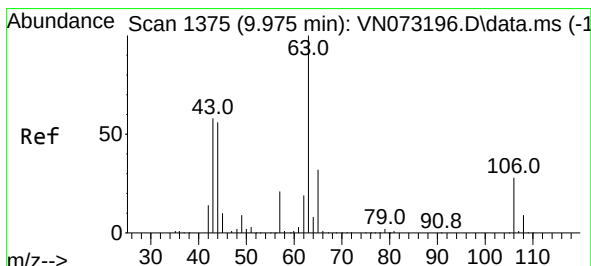
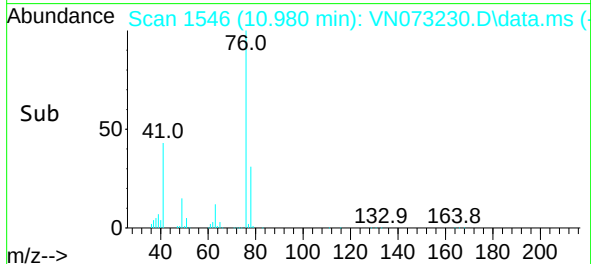
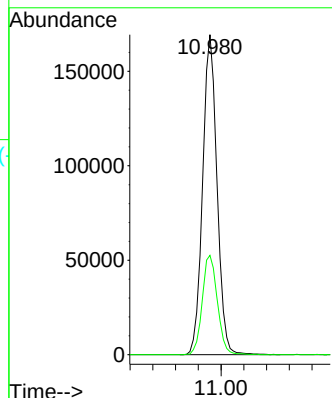
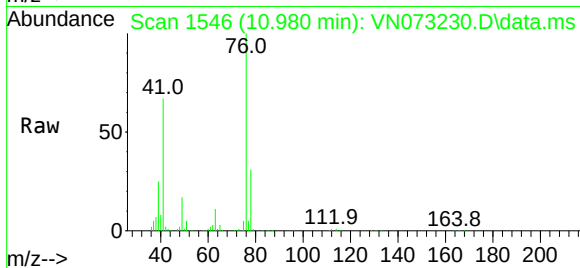
VSTDCCC050

Tgt Ion: 76 Resp: 296850

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 281.756 ug/l

RT: 9.975 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VN073230.D

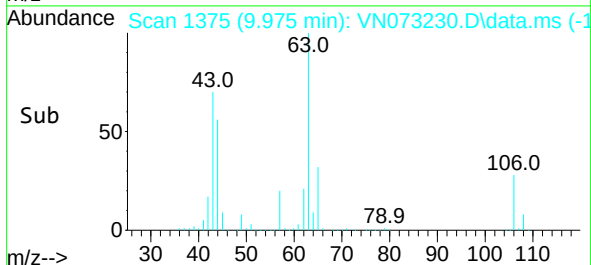
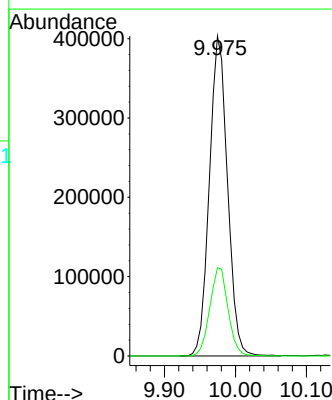
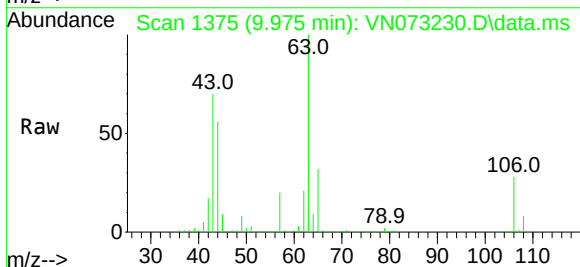
Acq: 29 Jun 2022 08:26

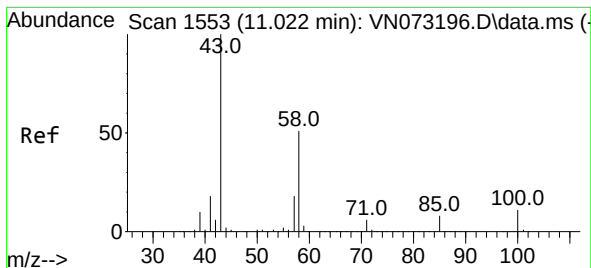
Tgt Ion: 63 Resp: 714366

Ion Ratio Lower Upper

63 100

106 27.8 24.6 36.8





#59

2-Hexanone

Concen: 243.139 ug/l

RT: 11.022 min Scan# 1553

Delta R.T. -0.000 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

Instrument :

MSVOA_N

ClientSampleId :

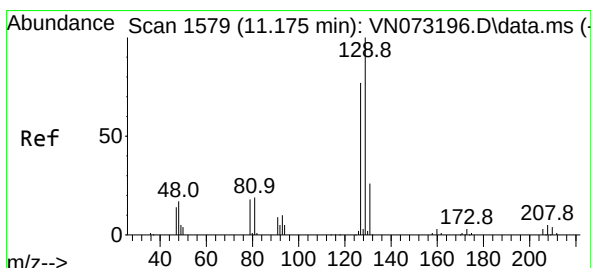
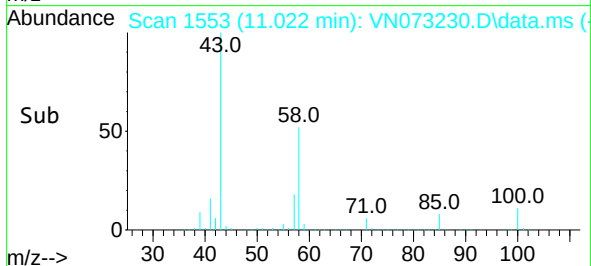
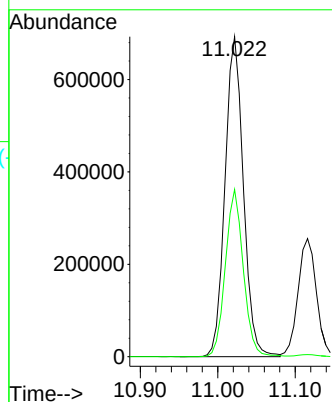
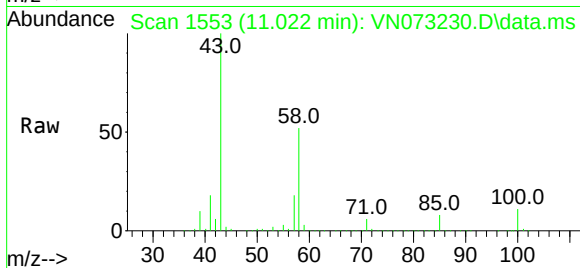
VSTDCCC050

Tgt Ion: 43 Resp: 1143302

Ion Ratio Lower Upper

43 100

58 51.0 29.7 89.1



#60

Dibromochloromethane

Concen: 53.100 ug/l

RT: 11.175 min Scan# 1579

Delta R.T. -0.000 min

Lab File: VN073230.D

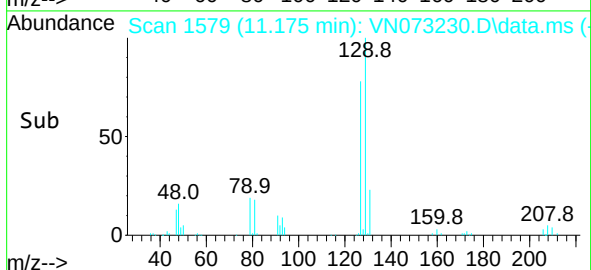
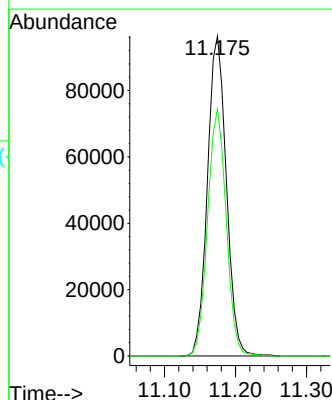
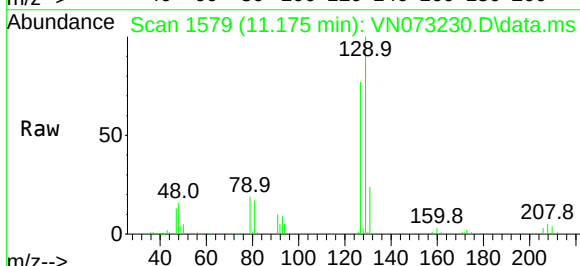
Acq: 29 Jun 2022 08:26

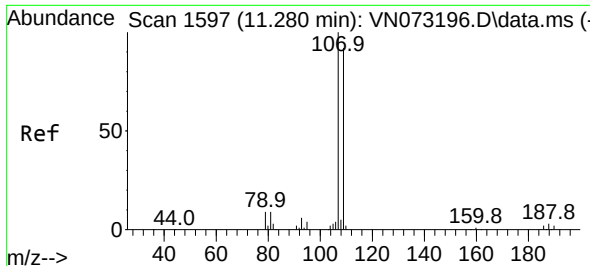
Tgt Ion:129 Resp: 178068

Ion Ratio Lower Upper

129 100

127 76.3 38.8 116.4

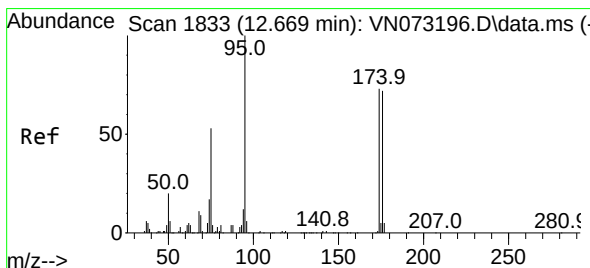
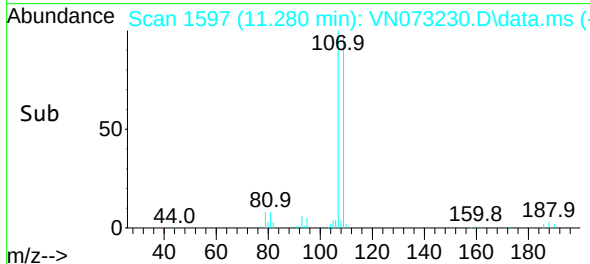
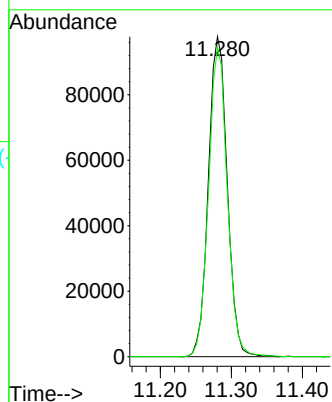
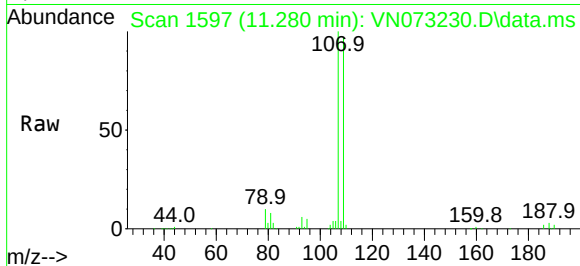




#61
1,2-Dibromoethane
Concen: 51.438 ug/l
RT: 11.280 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

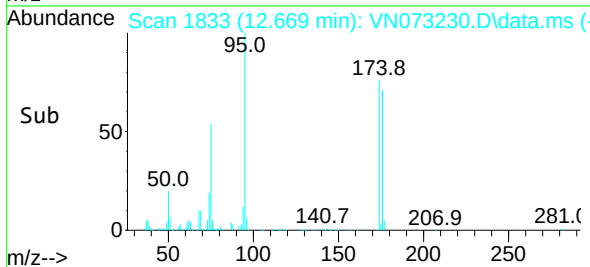
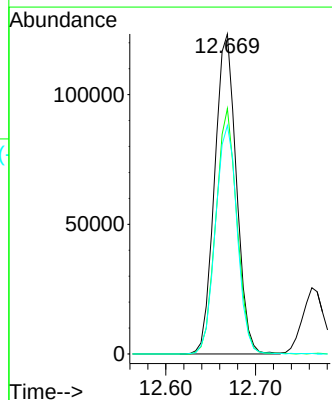
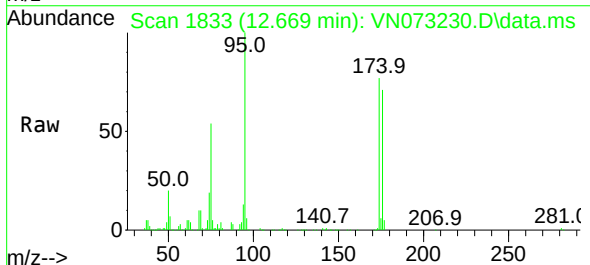
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

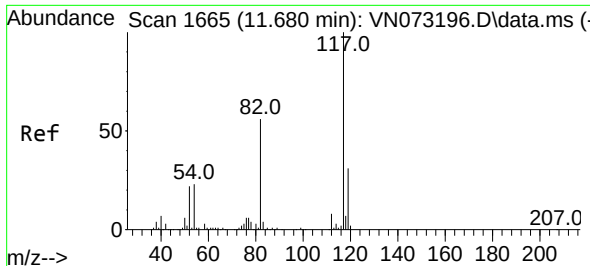
Tgt Ion:107 Resp: 180710
Ion Ratio Lower Upper
107 100
109 95.8 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 52.221 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion: 95 Resp: 207502
Ion Ratio Lower Upper
95 100
174 74.3 0.0 167.6
176 71.4 0.0 163.4

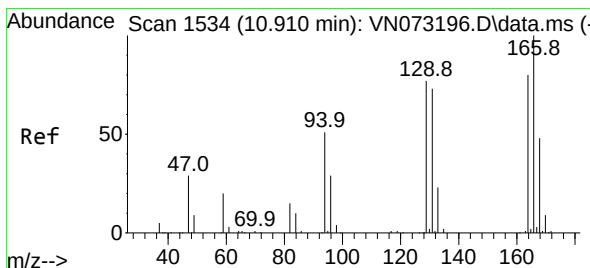
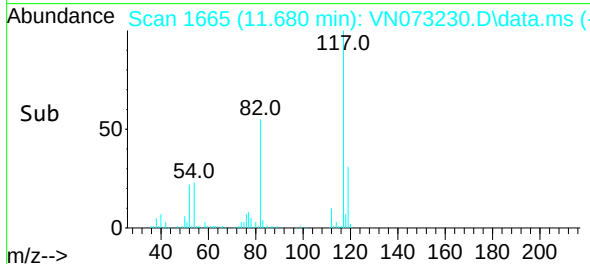
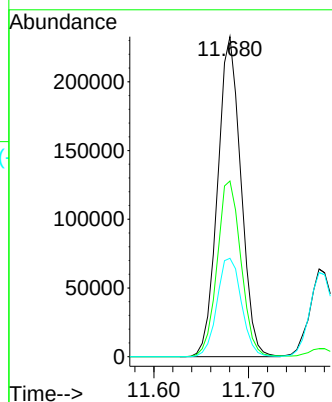
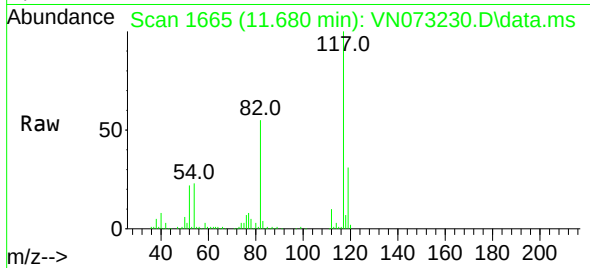




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

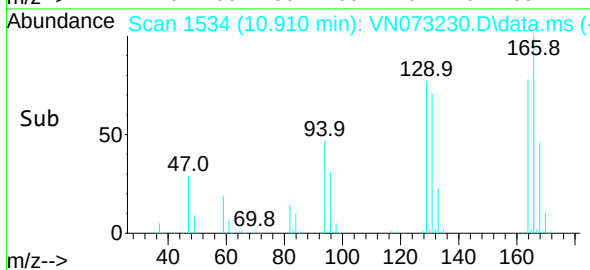
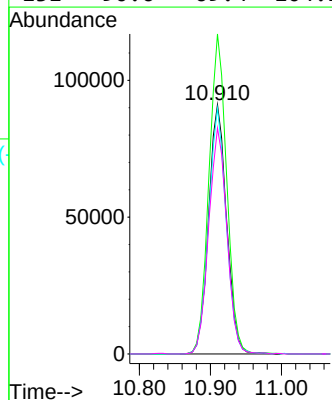
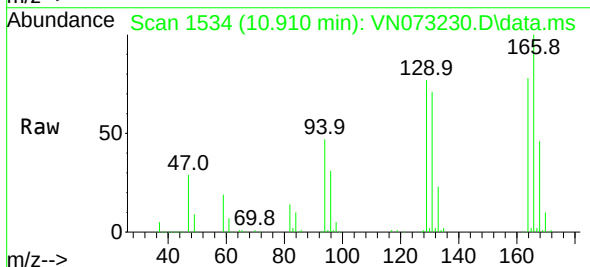
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

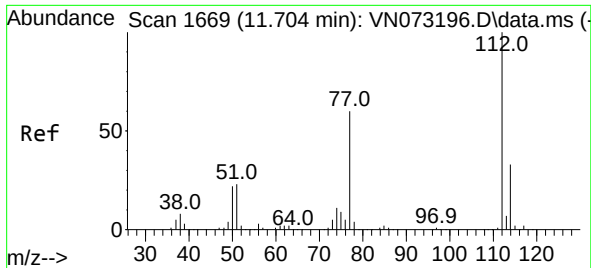
Tgt Ion:117 Resp: 398293
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 30.7 25.4 38.0



#64
Tetrachloroethene
Concen: 49.381 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion:164 Resp: 160604
Ion Ratio Lower Upper
164 100
166 128.3 104.2 156.2
129 98.6 73.9 110.9
131 90.6 69.4 104.2

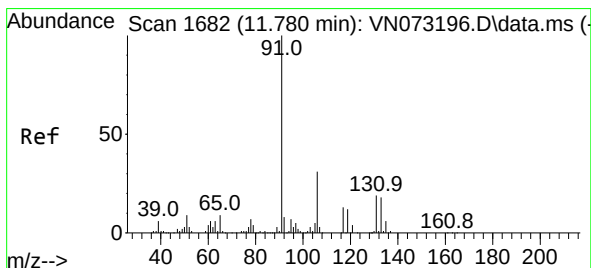
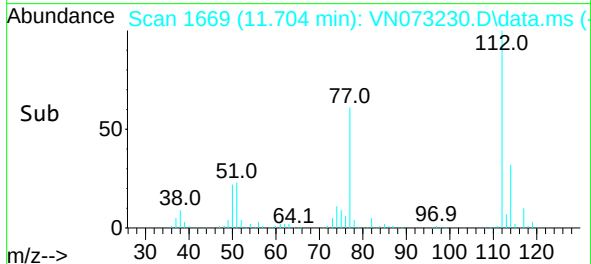
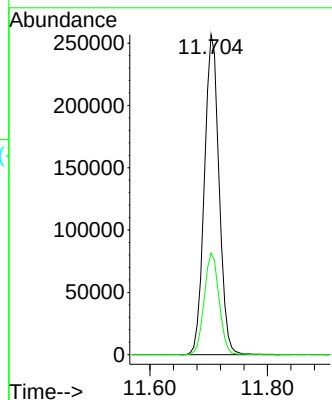
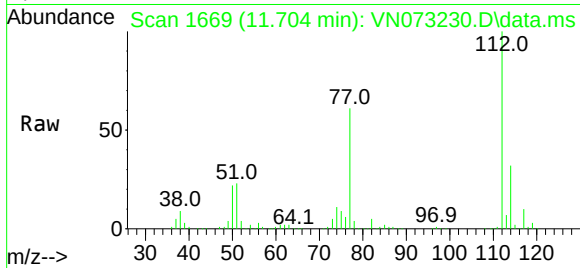




#65
Chlorobenzene
Concen: 49.322 ug/l
RT: 11.704 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

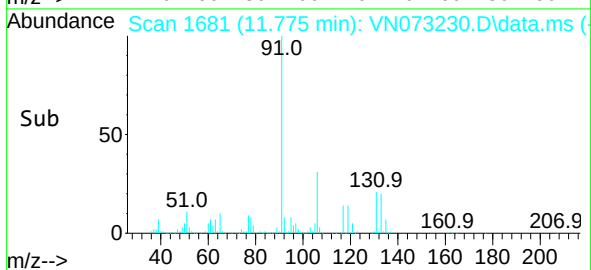
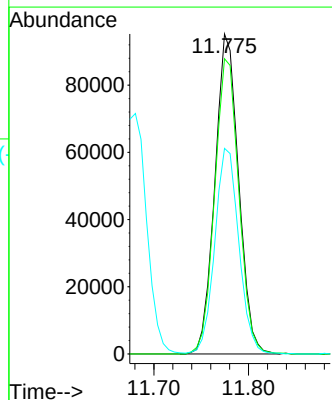
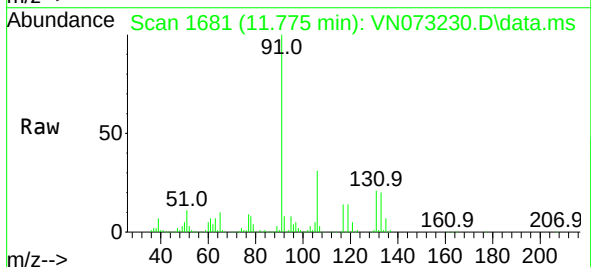
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

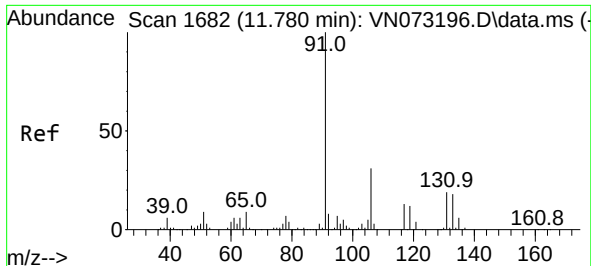
Tgt Ion:112 Resp: 444287
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.951 ug/l
RT: 11.775 min Scan# 1681
Delta R.T. -0.005 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion:131 Resp: 165501
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.4
119 65.4 33.4 100.2





#67

Ethyl Benzene

Concen: 50.598 ug/l

RT: 11.780 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

Instrument :

MSVOA_N

ClientSampleId :

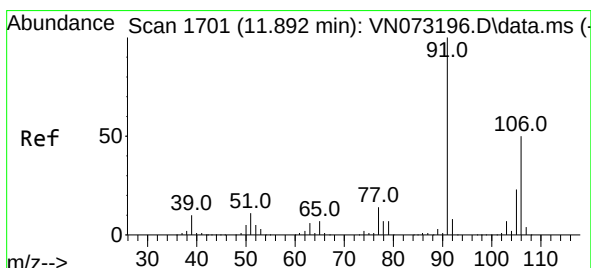
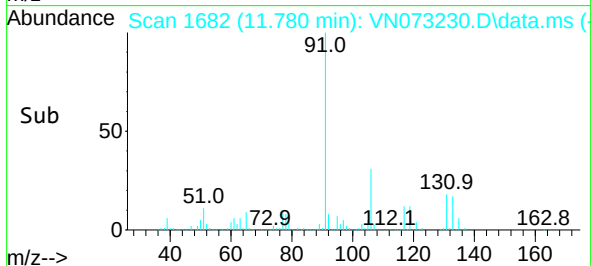
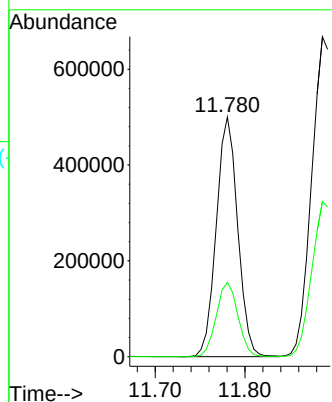
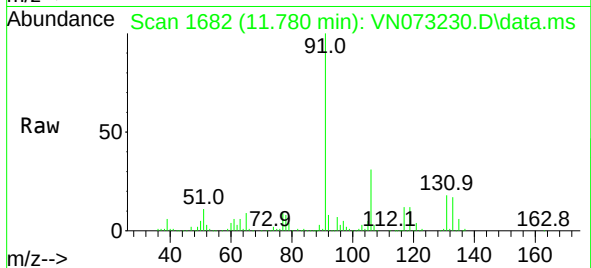
VSTDCCC050

Tgt Ion: 91 Resp: 827462

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3



#68

m/p-Xylenes

Concen: 101.859 ug/l

RT: 11.886 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VN073230.D

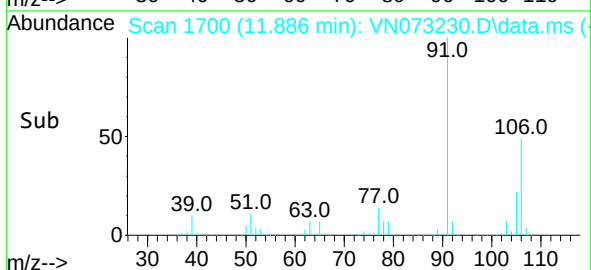
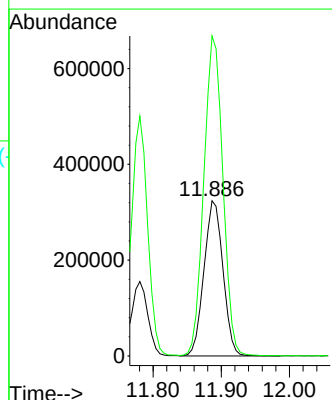
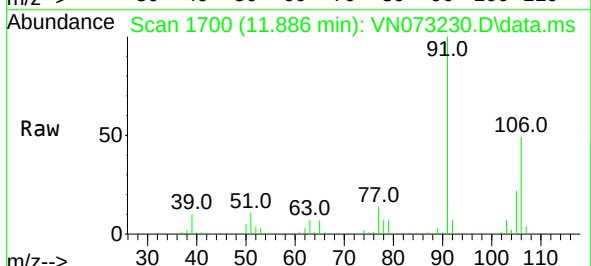
Acq: 29 Jun 2022 08:26

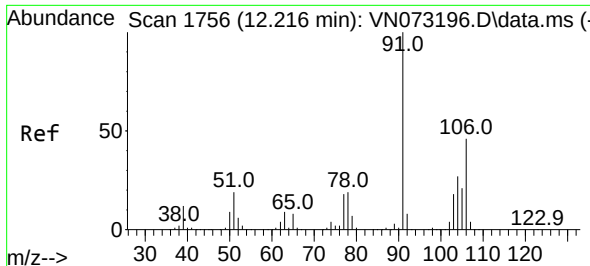
Tgt Ion:106 Resp: 628655

Ion Ratio Lower Upper

106 100

91 205.7 158.9 238.3

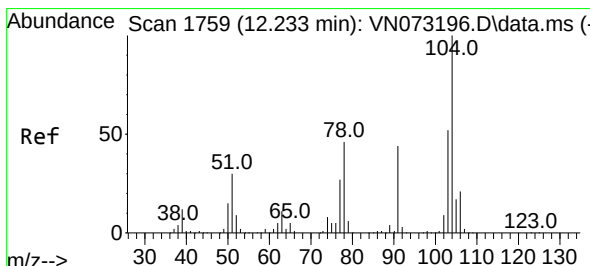
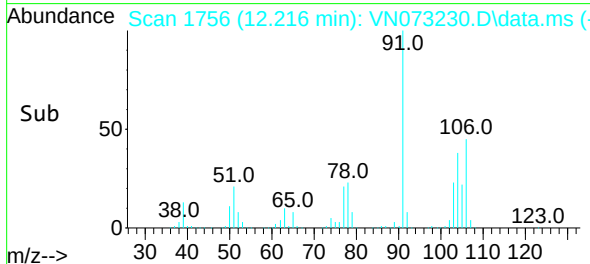
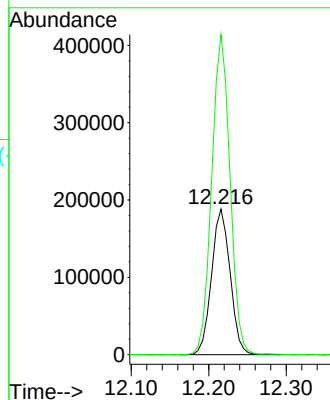
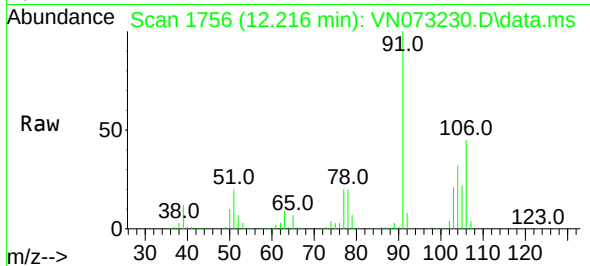




#69
o-Xylene
Concen: 49.751 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

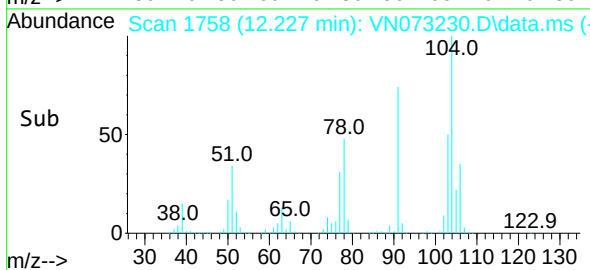
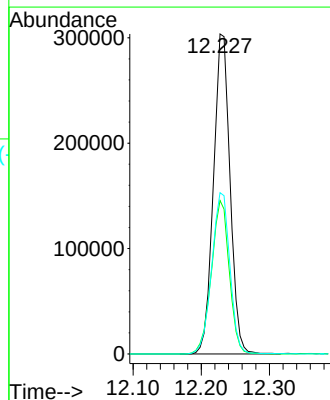
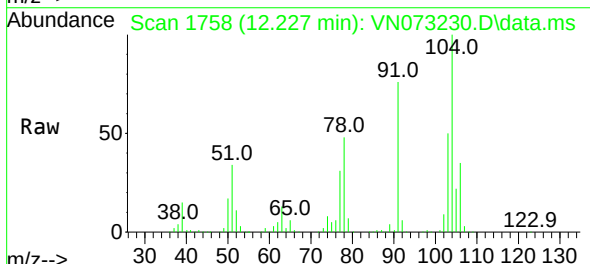
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

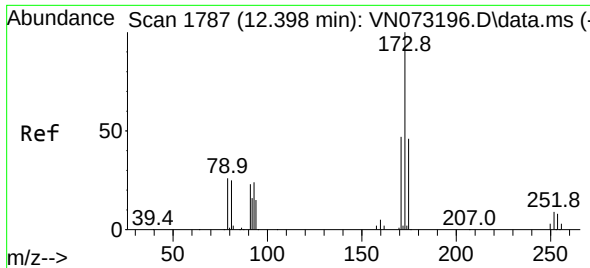
Tgt Ion:106 Resp: 313462
Ion Ratio Lower Upper
106 100
91 217.4 106.0 318.0



#70
Styrene
Concen: 53.026 ug/l
RT: 12.227 min Scan# 1758
Delta R.T. -0.006 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion:104 Resp: 515820
Ion Ratio Lower Upper
104 100
78 51.5 39.5 59.3
103 54.9 44.0 66.0

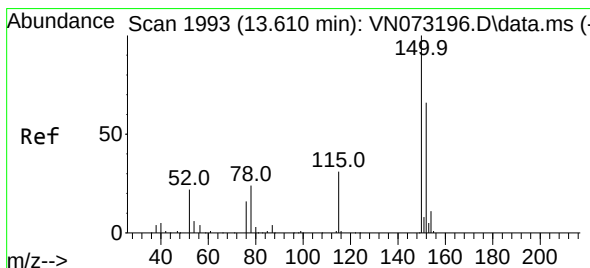
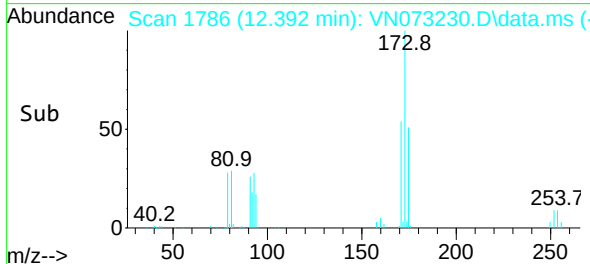
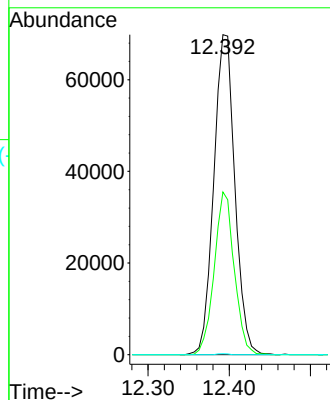
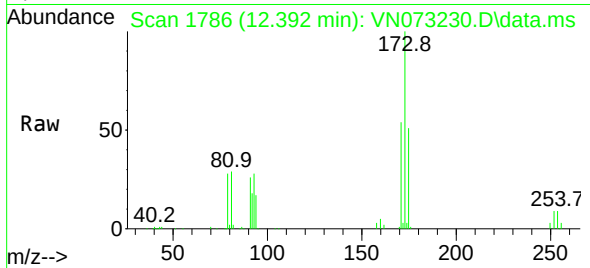




#71
Bromoform
Concen: 52.016 ug/l
RT: 12.392 min Scan# 1786
Delta R.T. -0.006 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

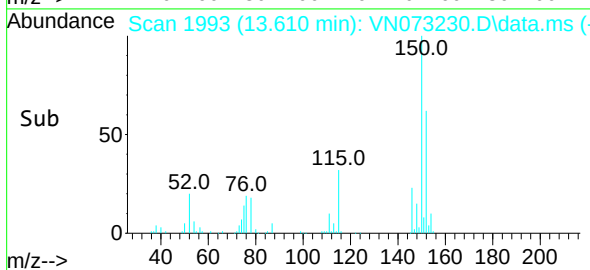
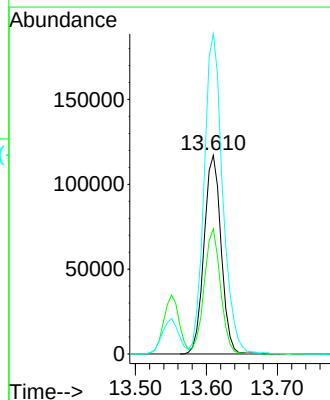
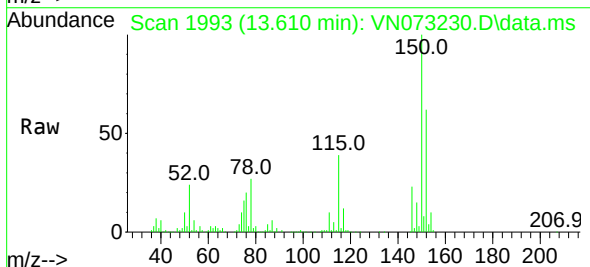
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

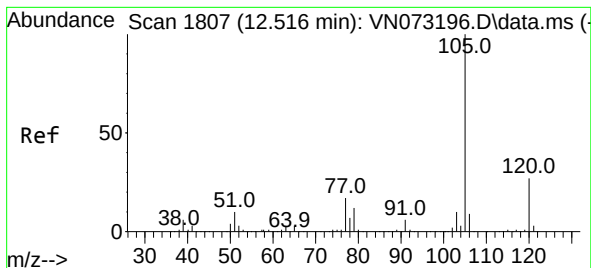
Tgt Ion:173 Resp: 126108
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.6
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion:152 Resp: 196030
Ion Ratio Lower Upper
152 100
115 60.8 28.9 86.7
150 175.1 0.0 356.2





#73

Isopropylbenzene

Concen: 48.202 ug/l

RT: 12.516 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

Instrument :

MSVOA_N

ClientSampleId :

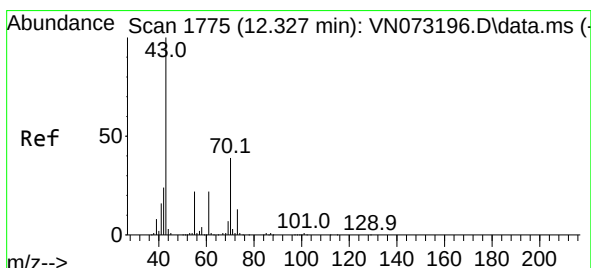
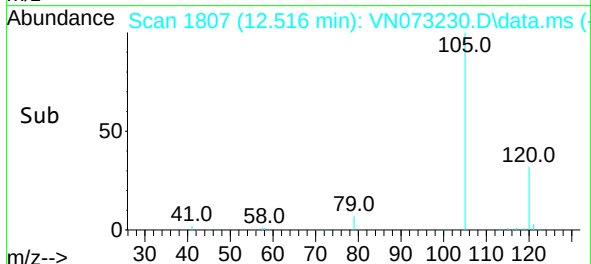
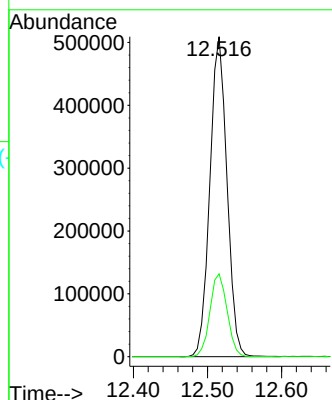
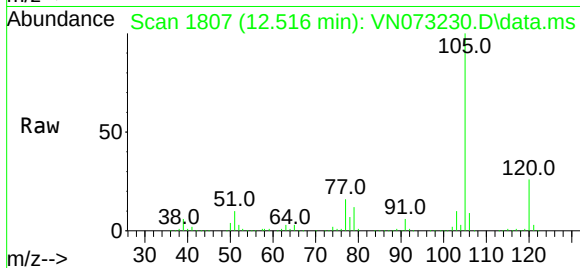
VSTDCCC050

Tgt Ion:105 Resp: 815964

Ion Ratio Lower Upper

105 100

120 25.9 13.5 40.4



#74

N-ethyl acetate

Concen: 47.173 ug/l

RT: 12.322 min Scan# 1774

Delta R.T. -0.005 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

Tgt Ion: 43 Resp: 399847

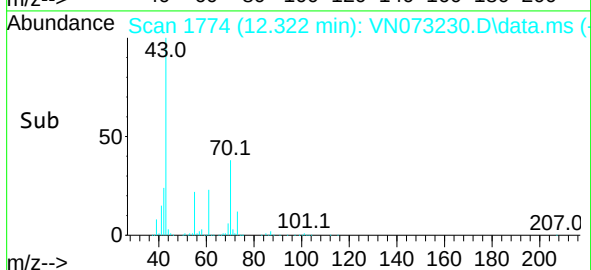
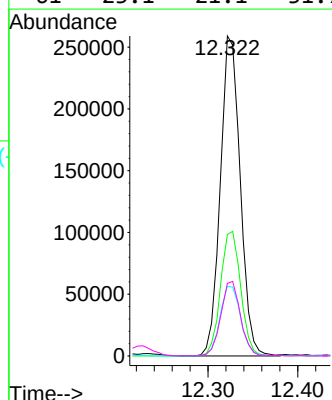
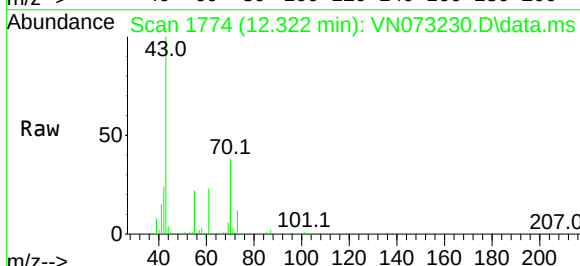
Ion Ratio Lower Upper

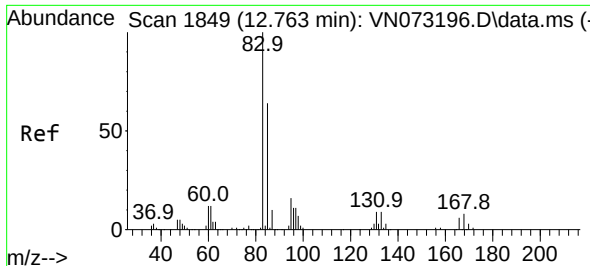
43 100

70 39.6 39.0 58.4

55 22.7 21.1 31.7

61 23.1 21.1 31.7

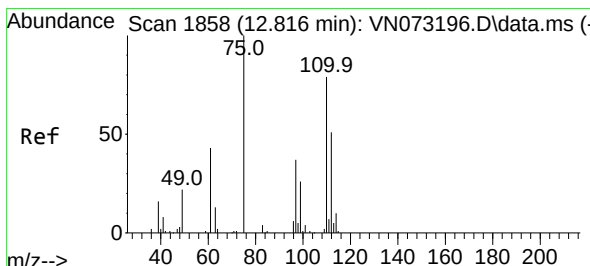
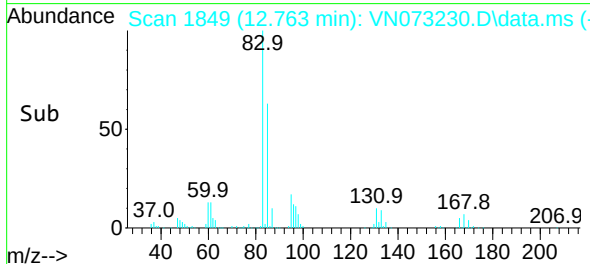
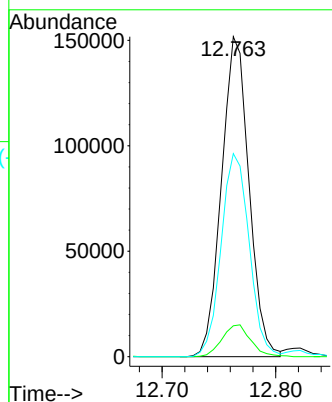
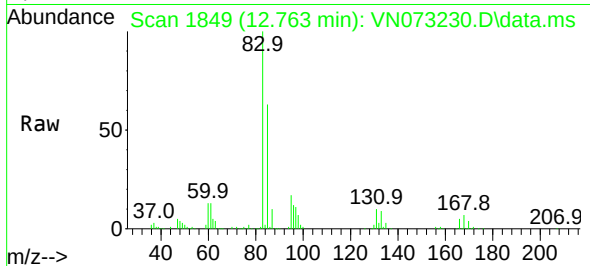




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.395 ug/l
 RT: 12.763 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: VN073230.D
 Acq: 29 Jun 2022 08:26

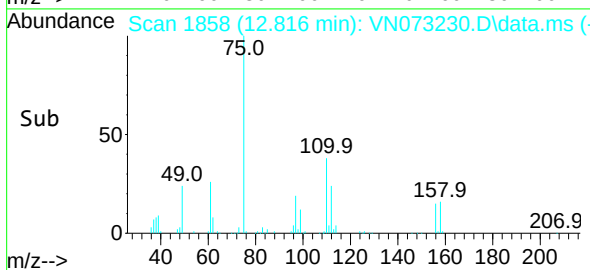
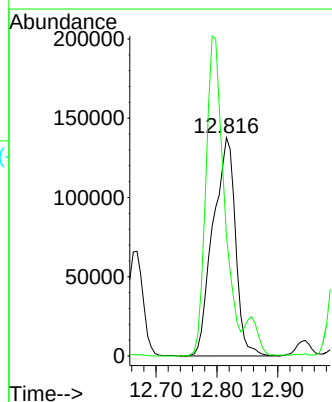
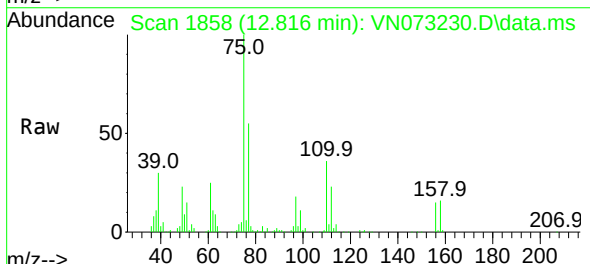
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

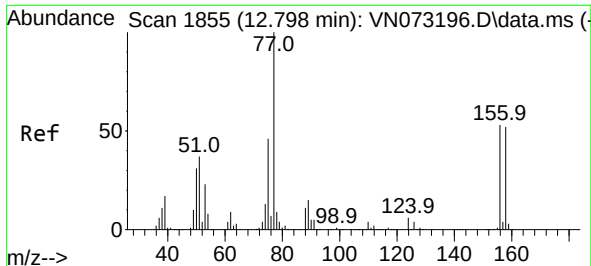
Tgt Ion: 83 Resp: 254997
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.3 15.9
 85 64.8 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 68.937 ug/l
 RT: 12.816 min Scan# 1858
 Delta R.T. -0.000 min
 Lab File: VN073230.D
 Acq: 29 Jun 2022 08:26

Tgt Ion: 75 Resp: 353357
 Ion Ratio Lower Upper
 75 100
 77 0.0 98.5 295.5#

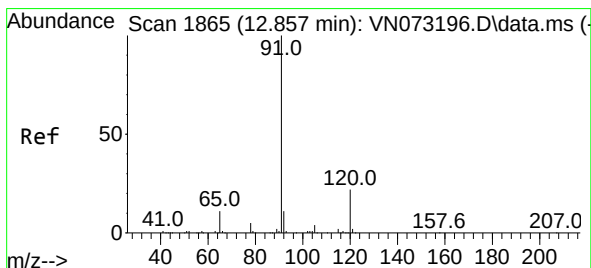
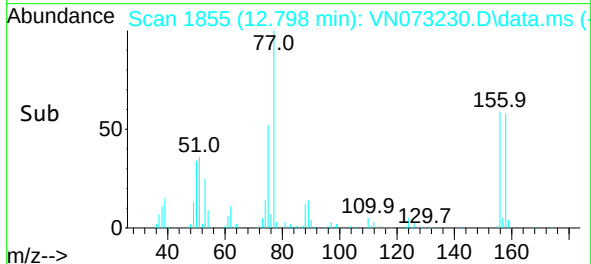
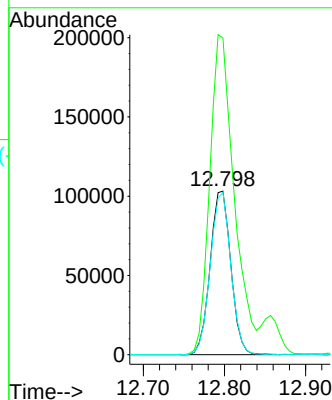
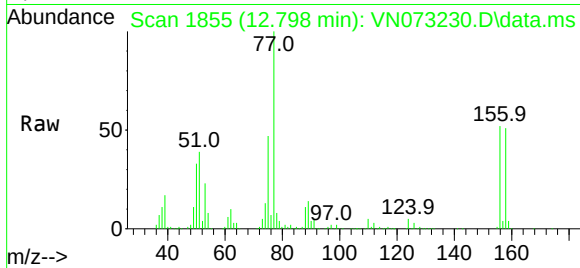




#77
Bromobenzene
Concen: 46.432 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

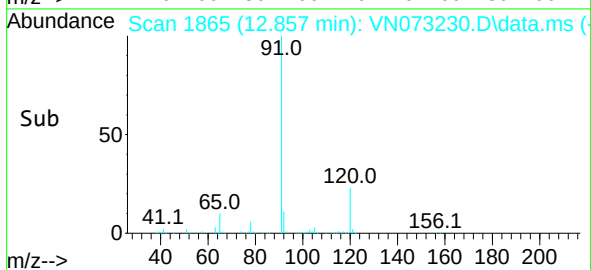
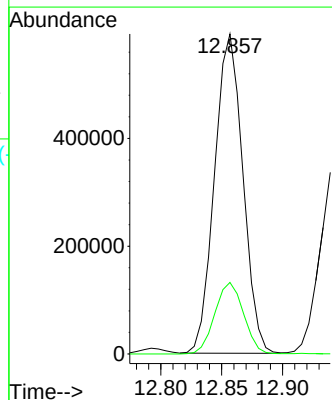
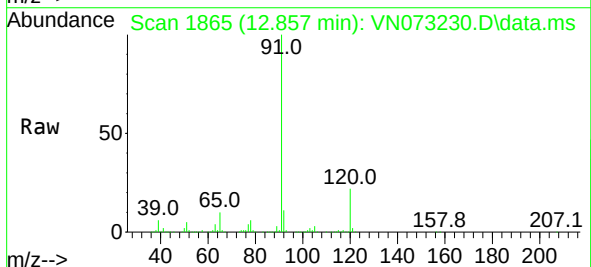
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

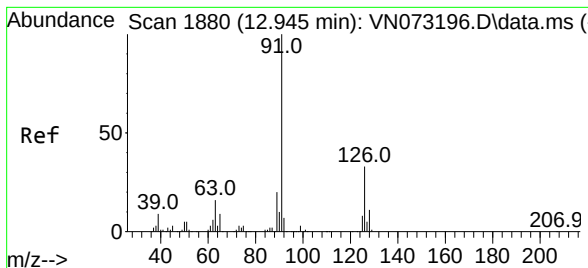
Tgt Ion:156 Resp: 182743
Ion Ratio Lower Upper
156 100
77 230.1 100.5 301.5
158 98.4 48.9 146.6



#78
n-propylbenzene
Concen: 51.023 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion: 91 Resp: 959517
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 48.101 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

Instrument :

MSVOA_N

ClientSampleId :

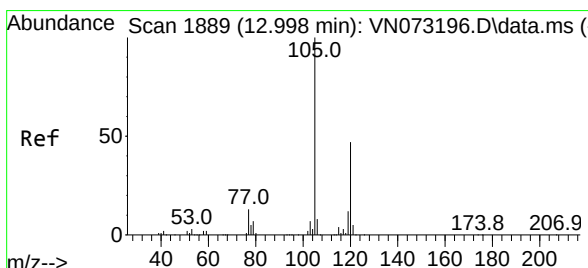
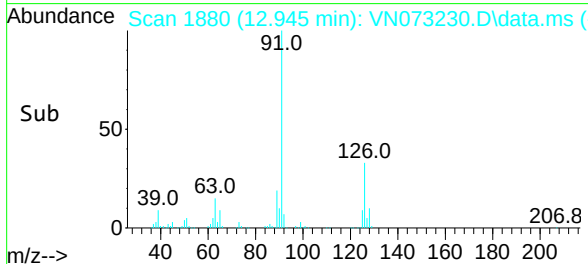
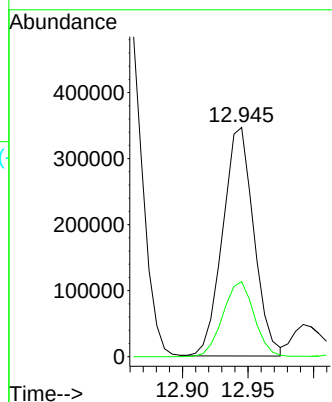
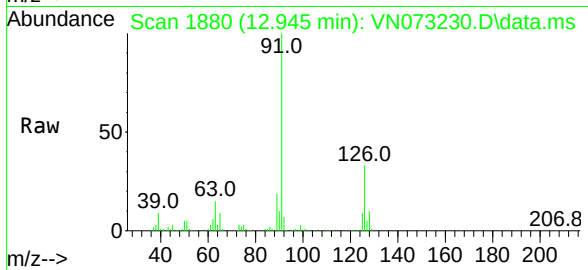
VSTDCCC050

Tgt Ion: 91 Resp: 572512

Ion Ratio Lower Upper

91 100

126 33.0 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 49.302 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073230.D

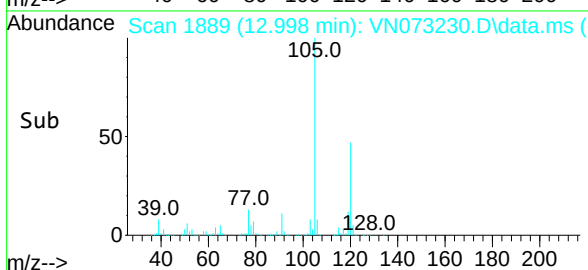
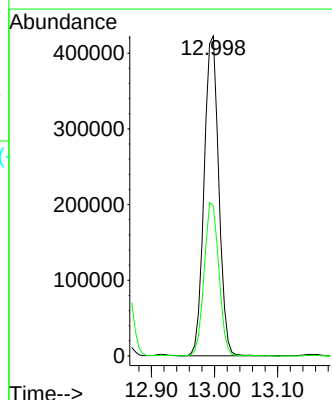
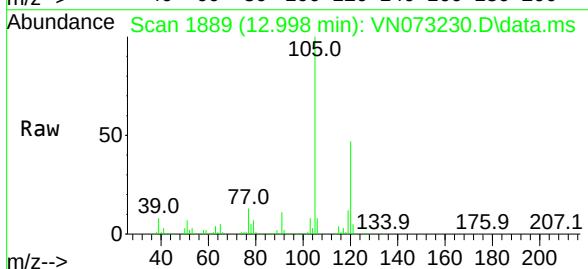
Acq: 29 Jun 2022 08:26

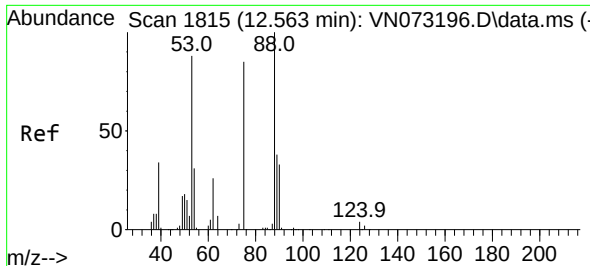
Tgt Ion: 105 Resp: 680252

Ion Ratio Lower Upper

105 100

120 48.0 24.9 74.7

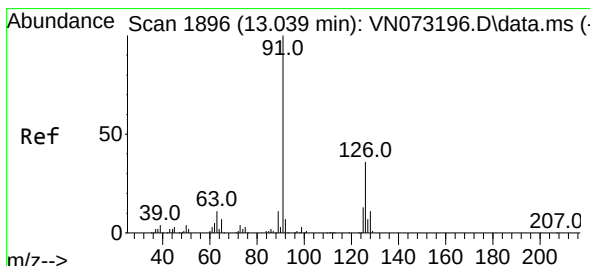
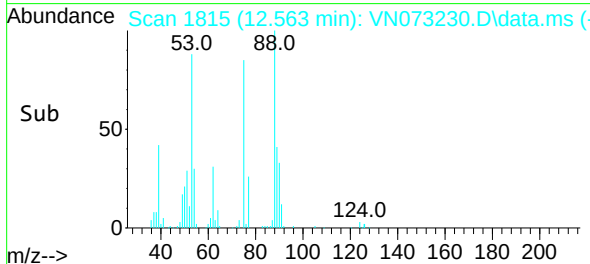
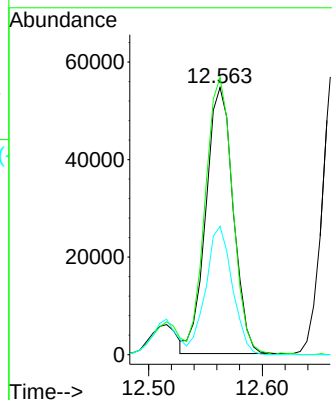
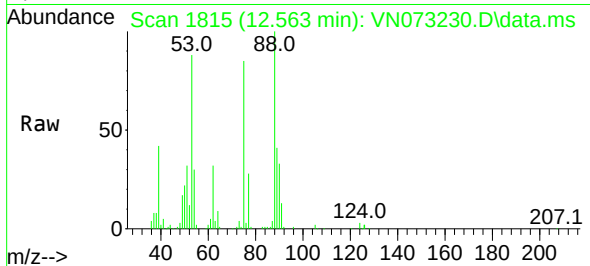




#81
trans-1,4-Dichloro-2-butene
Concen: 48.861 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

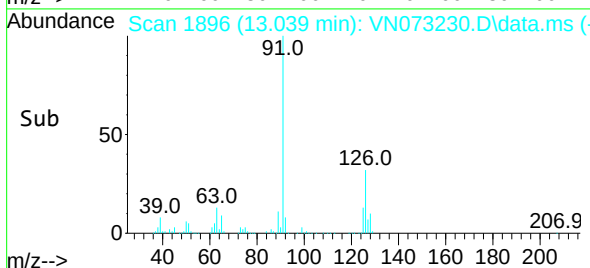
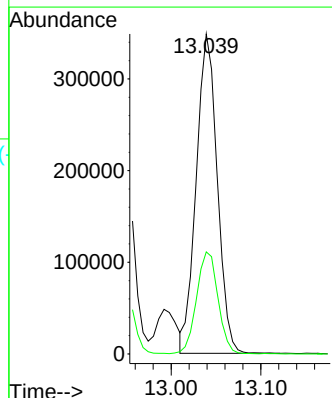
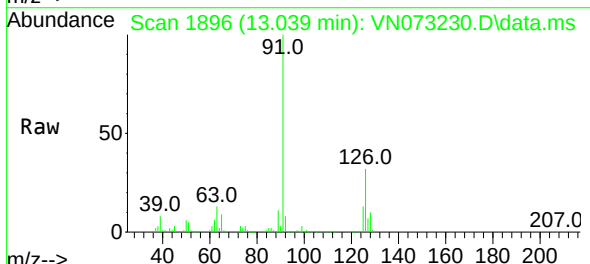
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

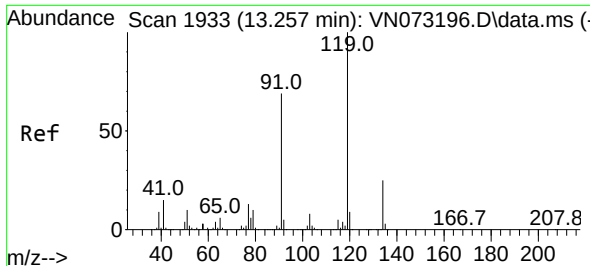
Tgt Ion: 75 Resp: 91324
Ion Ratio Lower Upper
75 100
53 104.3 78.0 117.0
89 46.8 37.2 55.8



#82
4-Chlorotoluene
Concen: 49.137 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion: 91 Resp: 566202
Ion Ratio Lower Upper
91 100
126 32.5 17.2 51.6

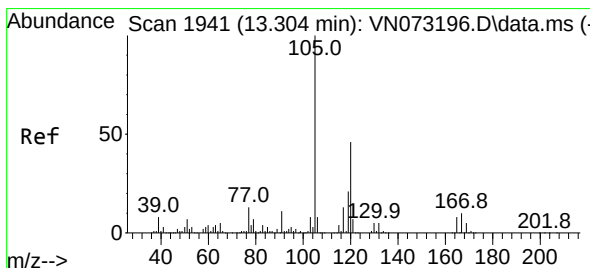
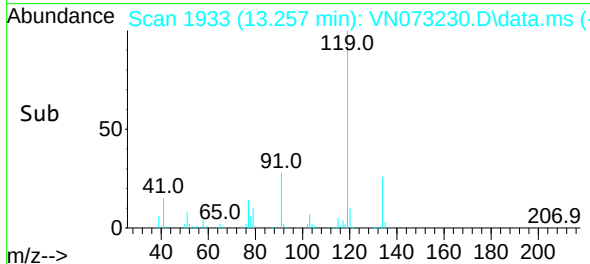
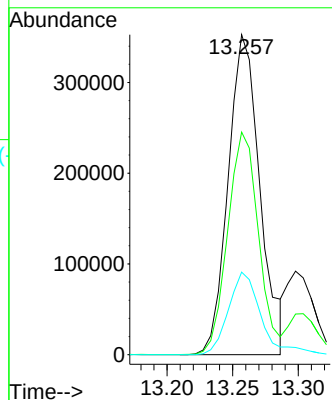
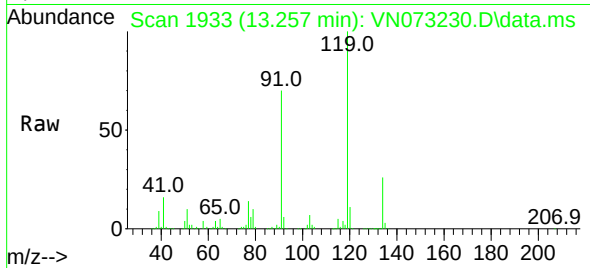




#83
 tert-Butylbenzene
 Concen: 48.080 ug/l
 RT: 13.257 min Scan# 1933
 Delta R.T. -0.000 min
 Lab File: VN073230.D
 Acq: 29 Jun 2022 08:26

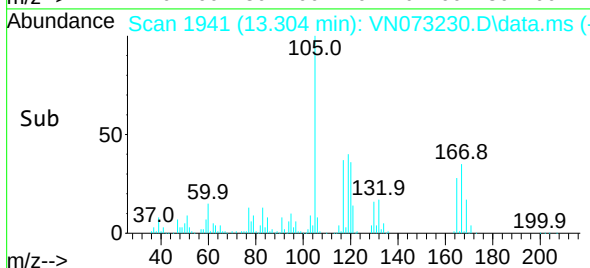
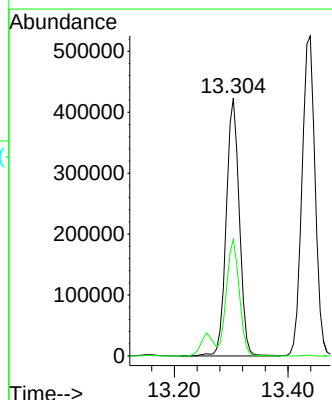
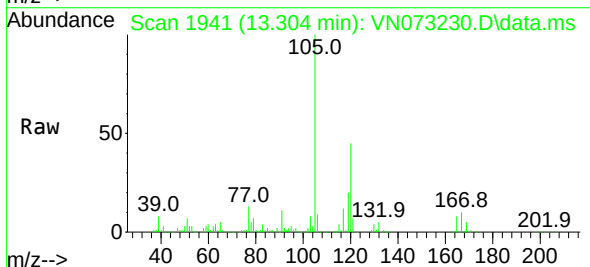
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

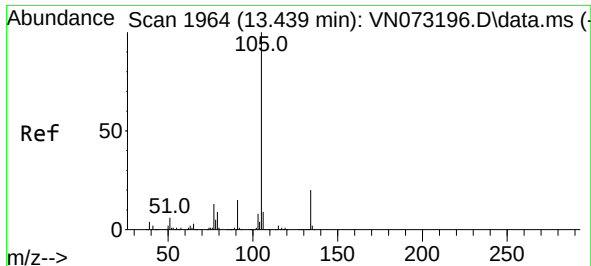
Tgt Ion:119 Resp: 594743
 Ion Ratio Lower Upper
 119 100
 91 67.4 31.6 94.8
 134 26.5 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.312 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: VN073230.D
 Acq: 29 Jun 2022 08:26

Tgt Ion:105 Resp: 679307
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.3 69.8

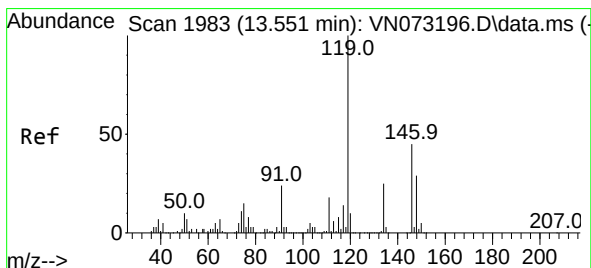
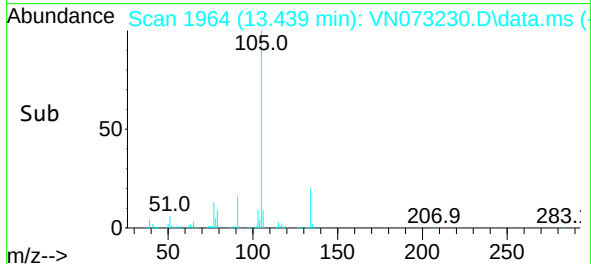
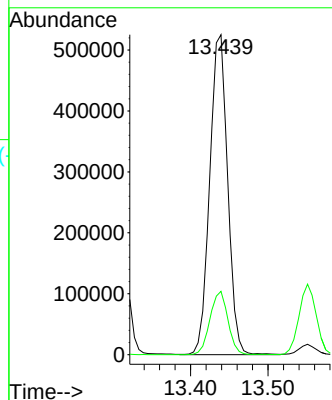
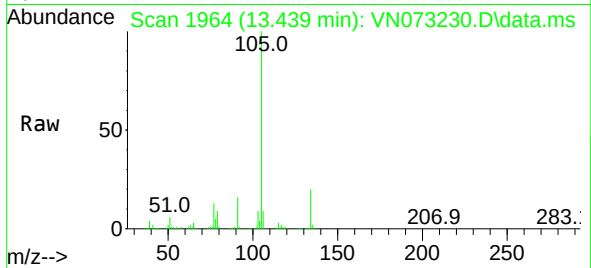




#85
 sec-Butylbenzene
 Concen: 50.814 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073230.D
 Acq: 29 Jun 2022 08:26

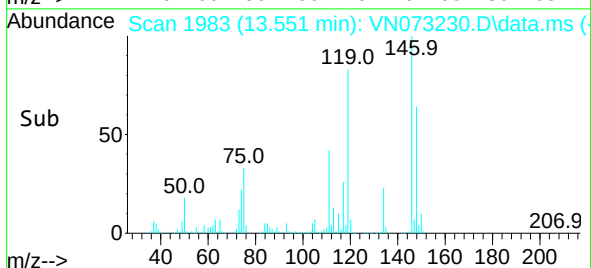
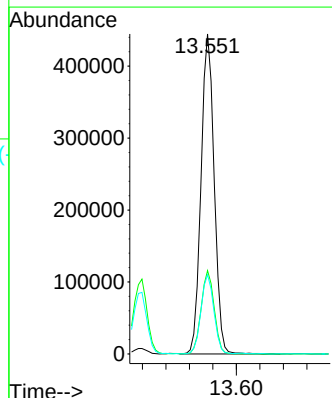
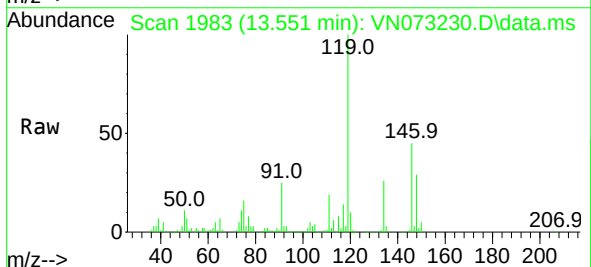
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

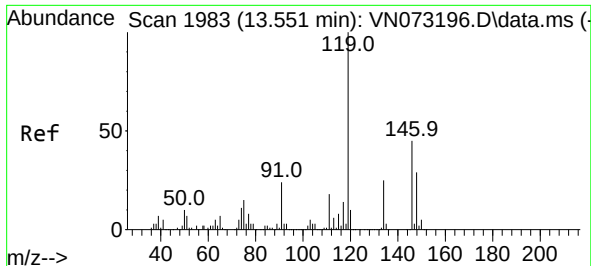
Tgt Ion:105 Resp: 844022
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 51.592 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN073230.D
 Acq: 29 Jun 2022 08:26

Tgt Ion:119 Resp: 692256
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.3 39.8
 91 24.1 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 47.973 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

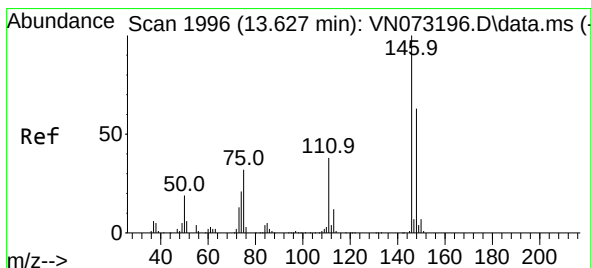
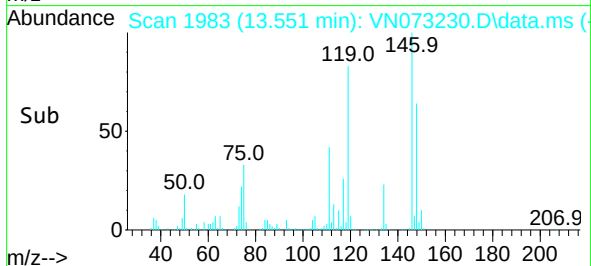
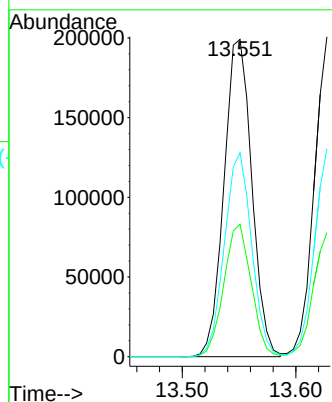
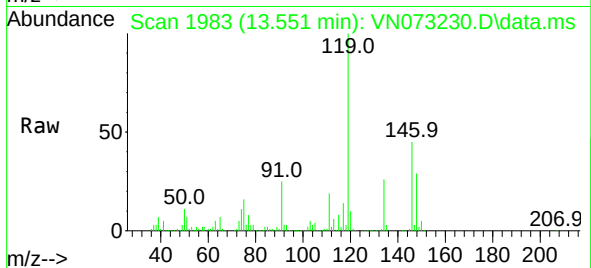
Tgt Ion:146 Resp: 338725

Ion Ratio Lower Upper

146 100

111 41.0 20.0 60.0

148 63.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 48.171 ug/l

RT: 13.627 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

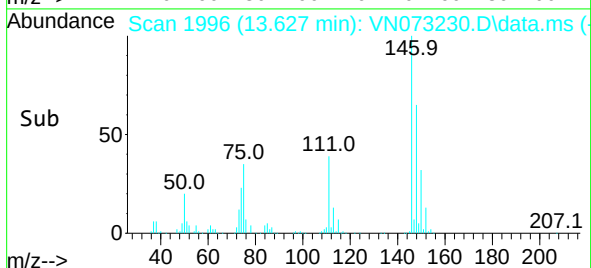
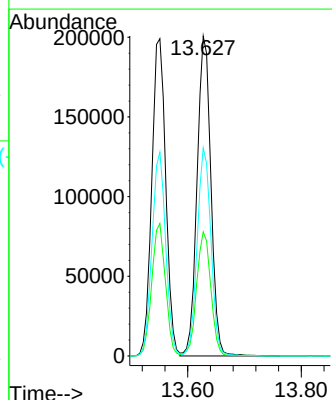
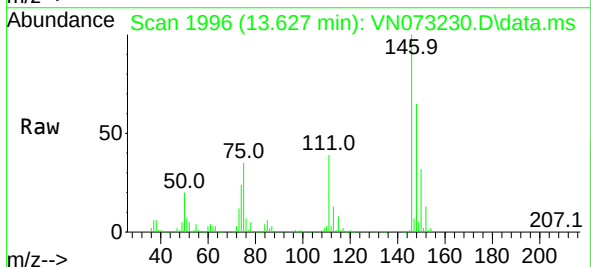
Tgt Ion:146 Resp: 340781

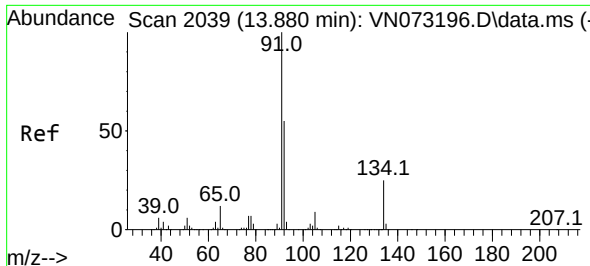
Ion Ratio Lower Upper

146 100

111 39.4 19.1 57.1

148 64.3 31.4 94.3

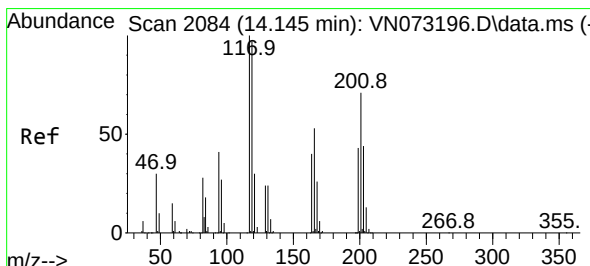
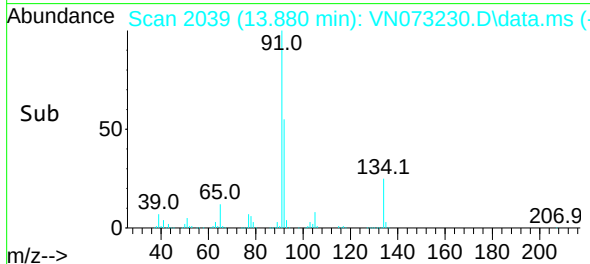
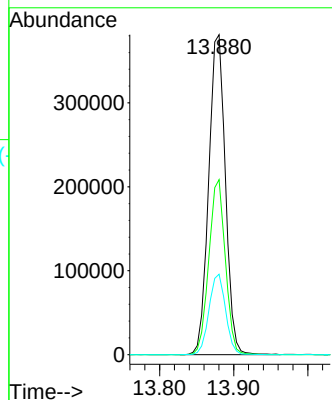
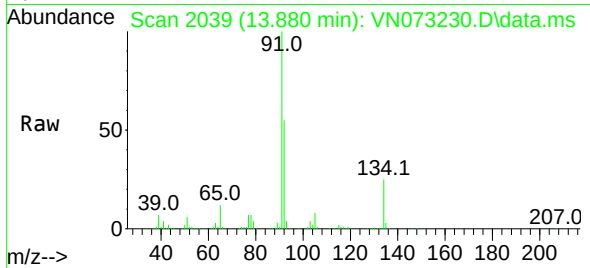




#89
n-Butylbenzene
Concen: 53.354 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

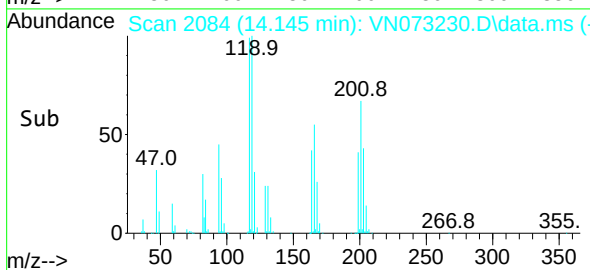
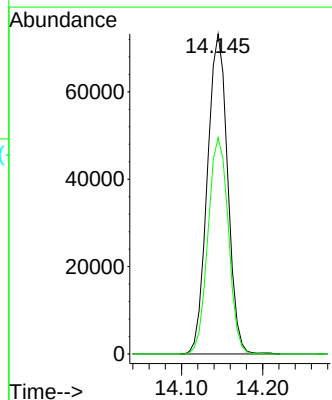
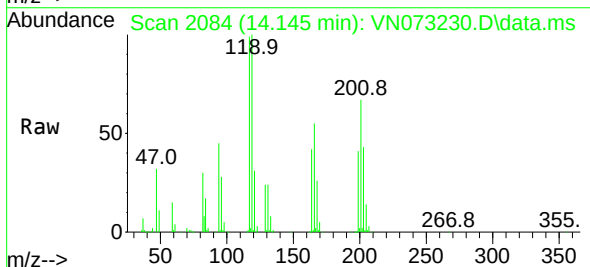
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

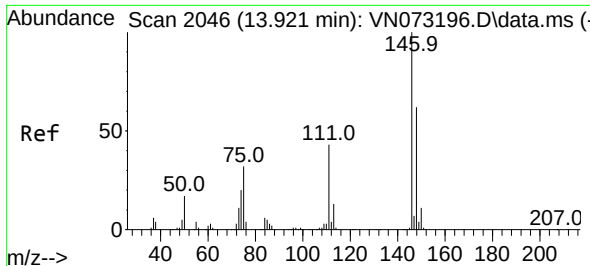
Tgt Ion: 91 Resp: 596548
Ion Ratio Lower Upper
91 100
92 54.2 26.9 80.7
134 25.1 13.6 40.8



#90
Hexachloroethane
Concen: 50.739 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. -0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion: 117 Resp: 126877
Ion Ratio Lower Upper
117 100
201 67.7 40.6 122.0

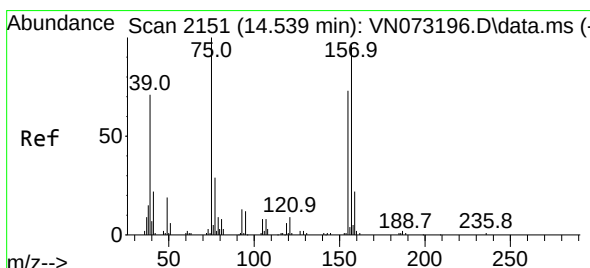
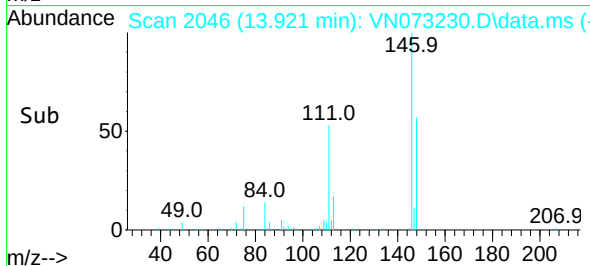
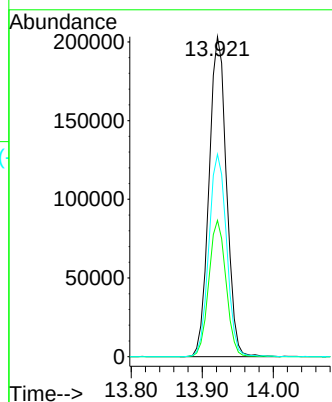
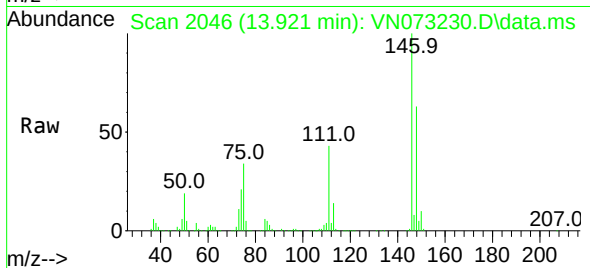




#91
1,2-Dichlorobenzene
Concen: 48.295 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

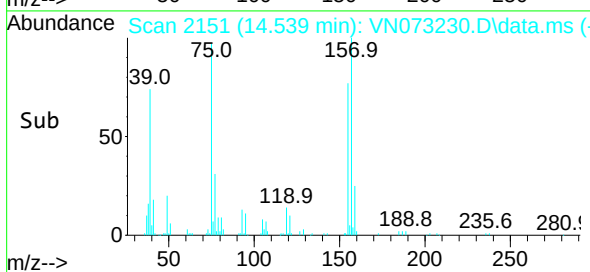
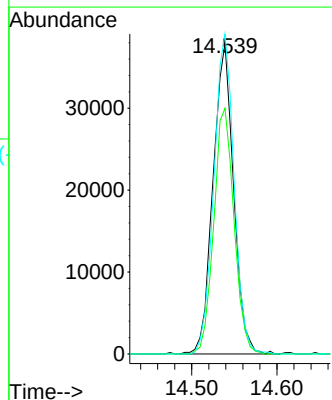
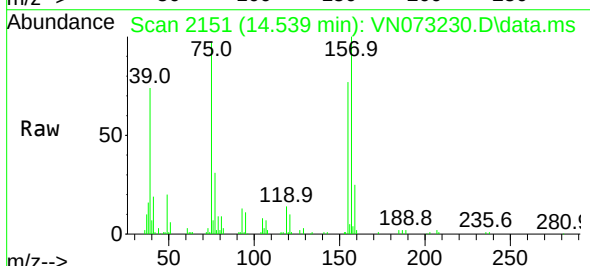
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

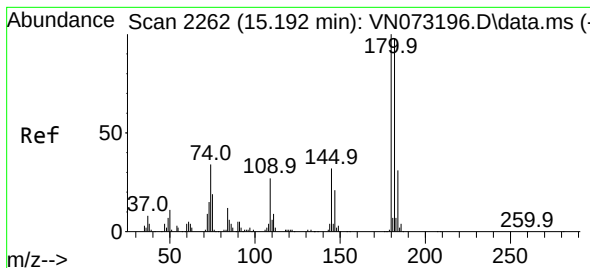
Tgt Ion:146 Resp: 347364
Ion Ratio Lower Upper
146 100
111 42.0 20.9 62.8
148 64.2 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.530 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VN073230.D
Acq: 29 Jun 2022 08:26

Tgt Ion: 75 Resp: 63529
Ion Ratio Lower Upper
75 100
155 77.8 44.9 134.5
157 101.1 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 50.608 ug/l

RT: 15.192 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

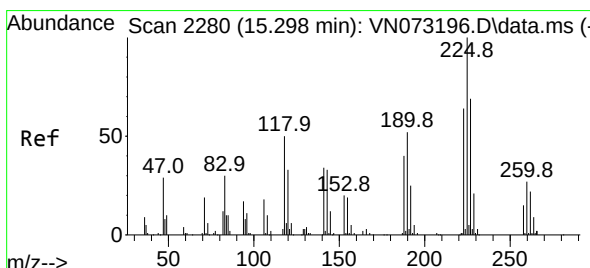
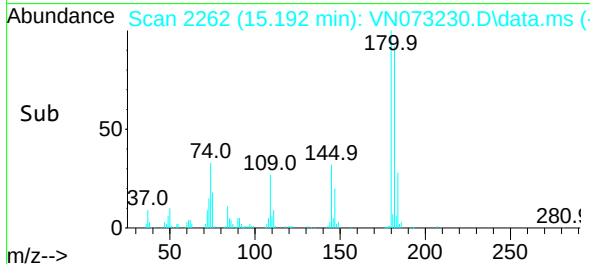
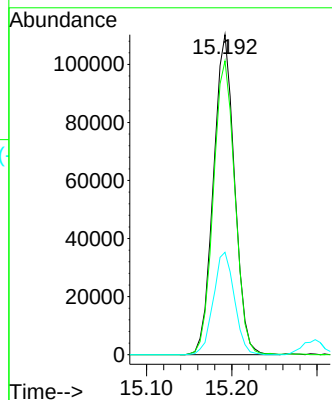
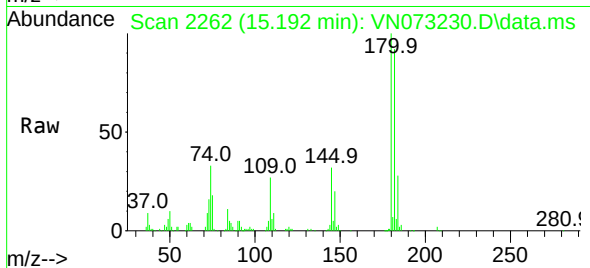
Tgt Ion:180 Resp: 189530

Ion Ratio Lower Upper

180 100

182 93.6 47.5 142.5

145 31.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.360 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

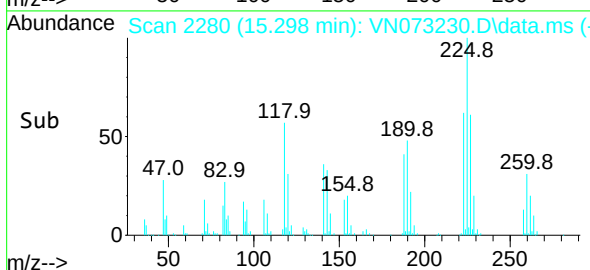
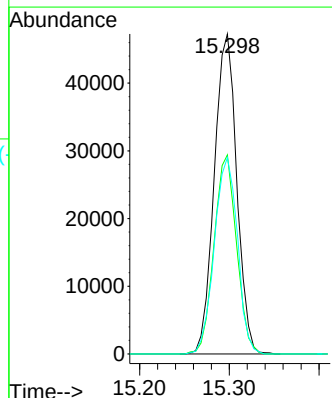
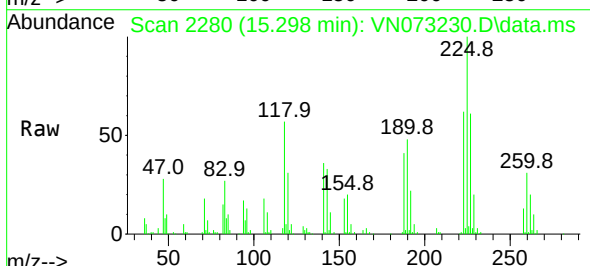
Tgt Ion:225 Resp: 82177

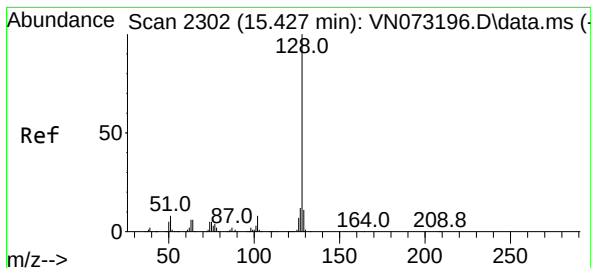
Ion Ratio Lower Upper

225 100

223 62.3 32.4 97.2

227 63.1 31.8 95.4





#95

Naphthalene

Concen: 45.074 ug/l

RT: 15.427 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

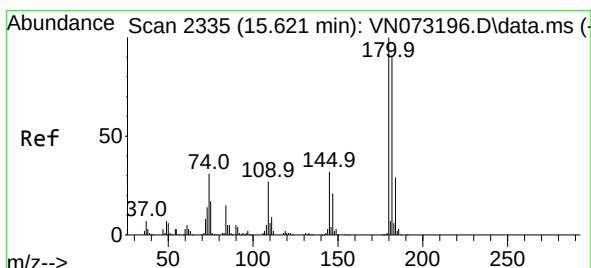
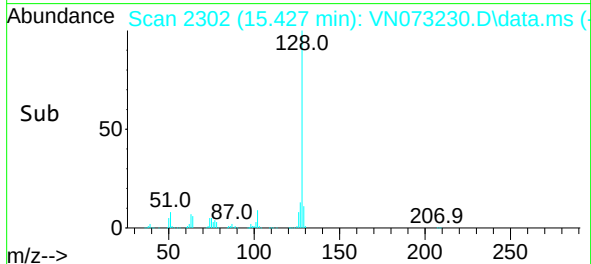
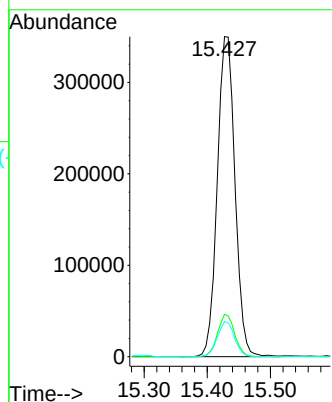
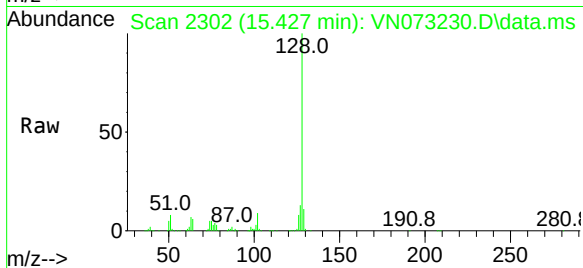
Tgt Ion:128 Resp: 680994

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.280 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VN073230.D

Acq: 29 Jun 2022 08:26

Tgt Ion:180 Resp: 186519

Ion Ratio Lower Upper

180 100

182 95.8 47.8 143.3

145 34.2 15.5 46.5

