

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071122\
 Data File : VX029986.D
 Acq On : 11 Jul 2022 09:52
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Jul 12 01:22:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	30690	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	176199	30.000	ug/l	-0.01
57) Chlorobenzene-d5	10.055	117	152578	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	69184	27.646	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	92.167%		
60) 4-Bromofluorobenzene	11.079	95	84816	29.497	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.333%		
63) Toluene-d8	8.647	98	247579	29.924	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.733%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	42937	20.460	ug/l	98
3) Chloromethane	1.294	50	41940	19.164	ug/l	98
4) Vinyl Chloride	1.374	62	45328	18.279	ug/l	96
5) Bromomethane	1.611	94	18304	17.915	ug/l	98
6) Chloroethane	1.691	64	23628	17.792	ug/l	94
7) Trichlorofluoromethane	1.886	101	61966	19.713	ug/l	97
8) Diethyl Ether	2.136	74	24578	18.383	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	42215	19.945	ug/l	98
10) 1,1-Dichloroethene	2.319	96	40960	18.952	ug/l	95
11) Methyl Iodide	2.453	142	24609	18.195	ug/l	91
12) Methyl Acetate	2.709	43	63071	17.919	ug/l	93
13) Acrolein	2.239	56	25597	61.904	ug/l	98
14) Acrylonitrile	3.069	53	135181	89.236	ug/l	98
15) Acetone	2.392	58	41713	101.370	ug/l	86
16) Carbon Disulfide	2.514	76	116885	20.718	ug/l	100
17) Allyl chloride	2.666	41	71846	18.864	ug/l	93
18) Methylene Chloride	2.788	84	47316	18.792	ug/l	93
19) trans-1,2-Dichloroethene	3.093	96	44177	18.836	ug/l	90
20) Diisopropyl ether	3.757	45	136140	17.843	ug/l	98
21) 1,1-Dichloroethane	3.611	63	77086	18.767	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	52645	18.904	ug/l	95
23) tert-Butyl Alcohol	2.983	59	50578	72.881	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	129440	18.565	ug/l	97
25) Chloroform	5.093	83	76762	18.752	ug/l	98
26) Cyclohexane	5.471	56	72969	19.174	ug/l #	91
29) 1,1-Dichloropropene	5.696	75	57005	18.912	ug/l	96
30) 2-Butanone	4.562	43	188493	92.649	ug/l	99
31) 2,2-Dichloropropane	4.471	77	57655	20.013	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	64957	20.042	ug/l	100
33) Carbon Tetrachloride	5.684	117	58161	21.366	ug/l	95
34) Benzene	6.037	78	183308	18.924	ug/l	96
35) Methacrylonitrile	4.928	41	38546	18.718	ug/l	89
36) 1,2-Dichloroethane	6.086	62	54945	18.634	ug/l	96
37) Trichloroethene	7.123	130	50608	19.536	ug/l	98
38) Methylcyclohexane	7.379	83	75810	19.383	ug/l	97
39) 1,2-Dichloropropane	7.428	63	46770	18.968	ug/l	98
40) Dibromomethane	7.580	93	32554	19.478	ug/l	94
41) Bromodichloromethane	7.824	83	61444	20.580	ug/l	97
42) Vinyl Acetate	3.721	43	589985	90.681	ug/l	98

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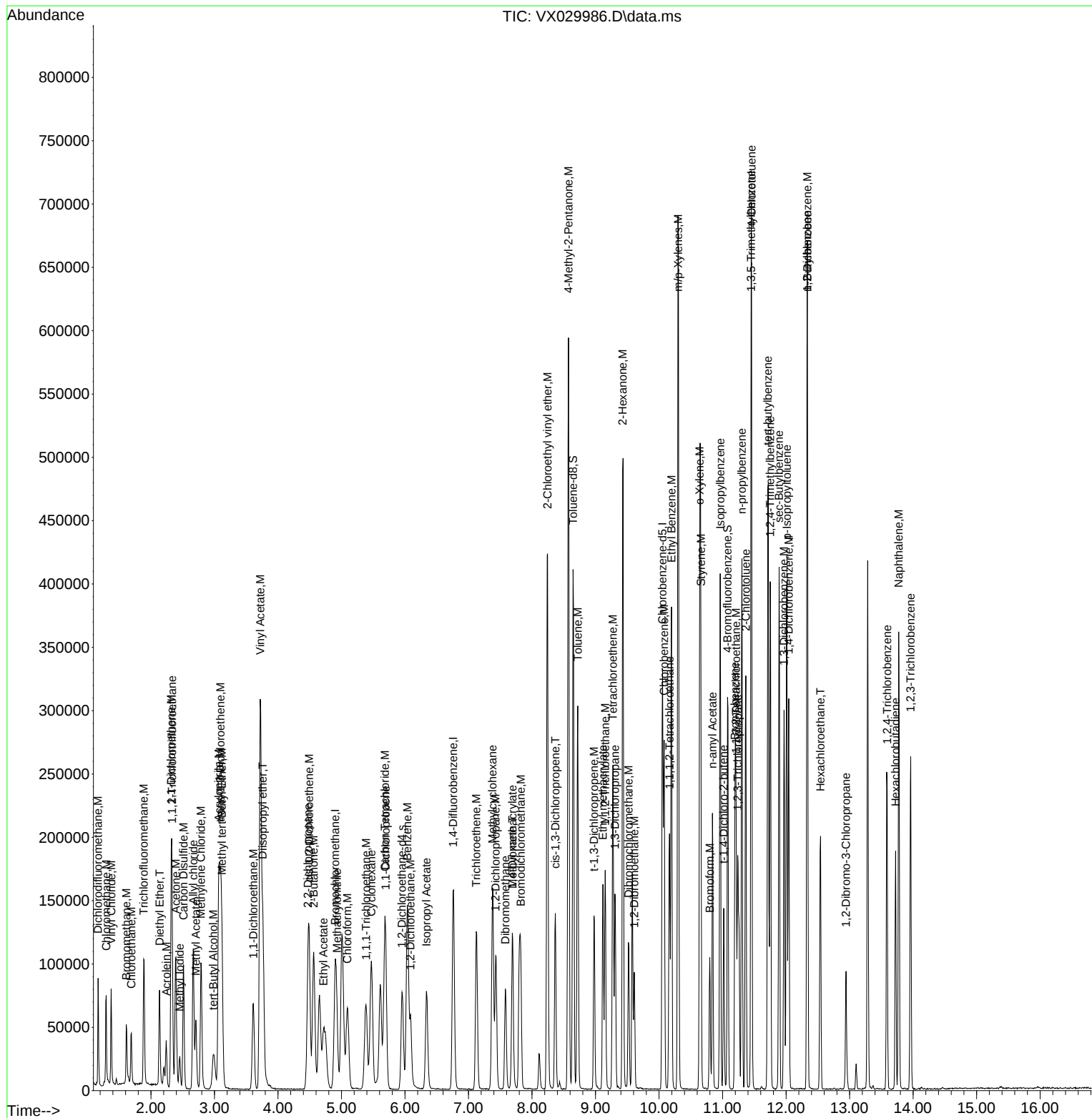
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	68939	17.989	ug/l	98
44) Isopropyl Acetate	6.336	43	105442	18.111	ug/l	99
45) 1,4-Dioxane	7.690	88	24344	356.199	ug/l	95
46) Methyl methacrylate	7.690	41	49507	17.944	ug/l	97
47) n-amyl Acetate	10.842	43	84762	16.948	ug/l	96
48) t-1,3-Dichloropropene	8.976	75	64248	19.473	ug/l	94
49) cis-1,3-Dichloropropene	8.366	75	72348	19.527	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	47061	19.006	ug/l	96
51) Ethyl methacrylate	9.116	69	69537	18.047	ug/l	99
52) 1,3-Dichloropropane	9.305	76	75815	19.035	ug/l	99
53) Dibromochloromethane	9.519	129	50878	22.200	ug/l	99
54) 1,2-Dibromoethane	9.610	107	49676	19.319	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	174829	88.020	ug/l	96
56) Bromoform	10.799	173	37652	23.469	ug/l	96
58) 4-Methyl-2-Pentanone	8.574	43	349729	92.796	ug/l	99
59) 2-Hexanone	9.427	43	267368	91.722	ug/l	97
61) Tetrachloroethene	9.275	164	48946	21.365	ug/l	95
62) Toluene	8.720	91	198473	19.555	ug/l	97
64) Chlorobenzene	10.079	112	122622	20.230	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	45349	21.455	ug/l	95
66) Ethyl Benzene	10.195	91	214130	19.853	ug/l	99
67) m/p-Xylenes	10.299	106	169445	40.485	ug/l	96
68) o-Xylene	10.640	106	82317	19.750	ug/l	99
69) Styrene	10.659	104	137461	19.930	ug/l	97
70) Isopropylbenzene	10.963	105	210317	20.042	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	72833	19.086	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	84222	24.553	ug/l	87
73) Bromobenzene	11.195	156	52773	20.972	ug/l	100
74) n-propylbenzene	11.305	91	256901	20.408	ug/l	98
75) 2-Chlorotoluene	11.366	91	147161	19.852	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	174798	19.840	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	25920	21.969	ug/l	80
78) 4-Chlorotoluene	11.457	91	165397	19.880	ug/l	97
79) tert-butylbenzene	11.713	119	167316	19.521	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	174077	19.219	ug/l	96
81) sec-Butylbenzene	11.890	105	226095	19.488	ug/l	100
82) p-Isopropyltoluene	12.012	119	180851	19.363	ug/l	97
83) 1,3-Dichlorobenzene	11.969	146	96021	19.723	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	101489	20.555	ug/l	96
85) n-Butylbenzene	12.335	91	165751	18.911	ug/l	97
86) Hexachloroethane	12.542	117	34788	22.418	ug/l	92
87) 1,2-Dichlorobenzene	12.335	146	94790	19.717	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	15909	18.281	ug/l	96
89) 1,2,4-Trichlorobenzene	13.591	180	60248	20.241	ug/l	97
90) Hexachlorobutadiene	13.725	225	24029	21.286	ug/l	96
91) Naphthalene	13.774	128	228462	19.256	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	64134	21.153	ug/l	98

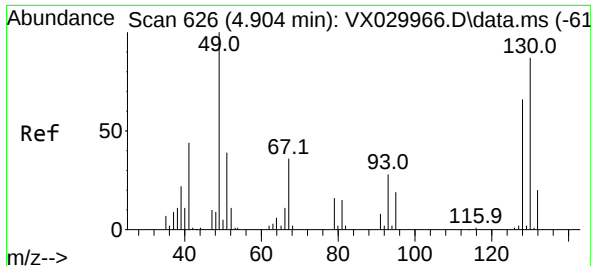
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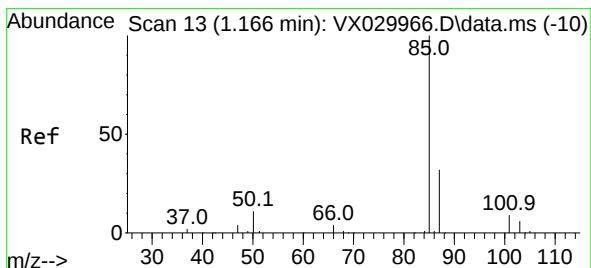
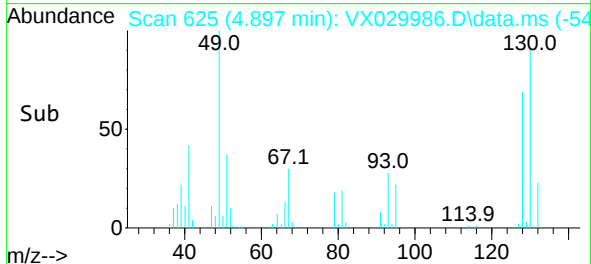
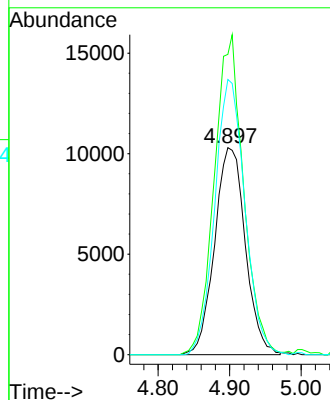
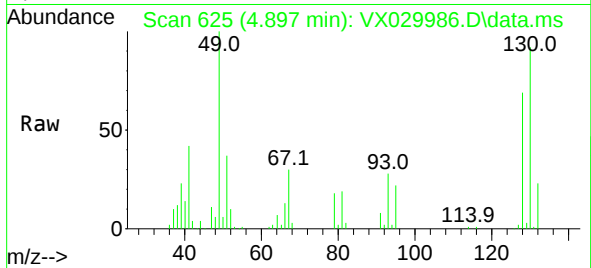




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX029986.D
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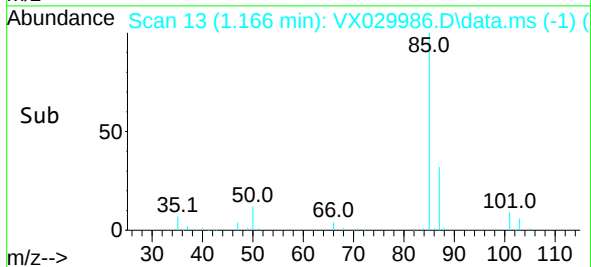
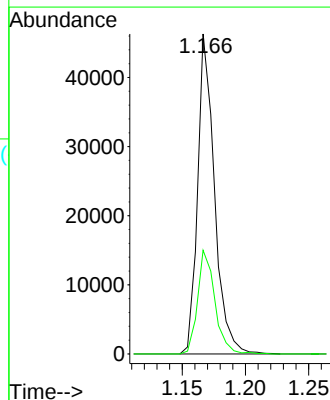
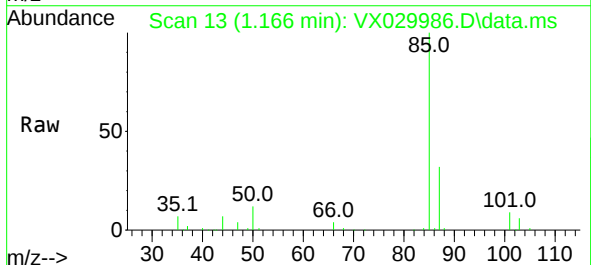
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ClientSampleId :
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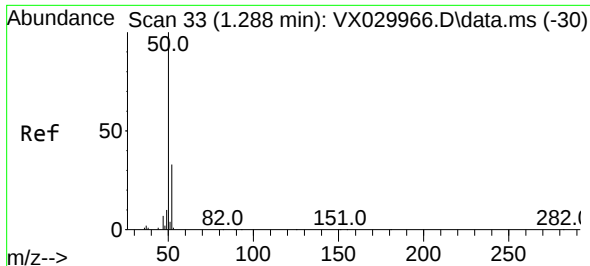
Tgt Ion:128 Resp: 30690
Ion Ratio Lower Upper
128 100
49 147.2 0.0 358.3
130 130.4 0.0 319.3



#2
Dichlorodifluoromethane
Concen: 20.460 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion: 85 Resp: 42937
Ion Ratio Lower Upper
85 100
87 32.4 15.6 46.8

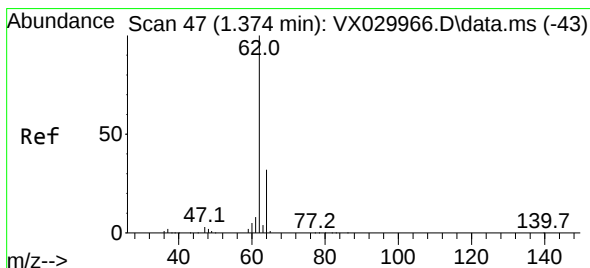
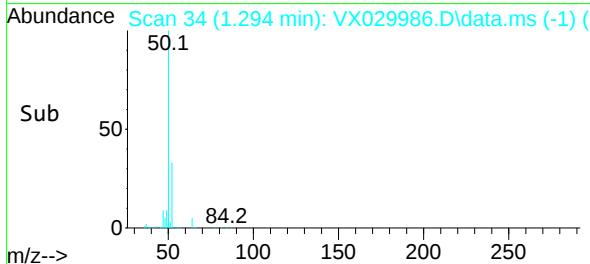
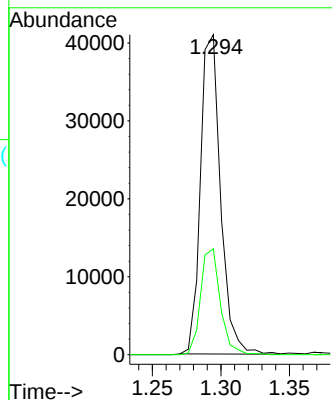
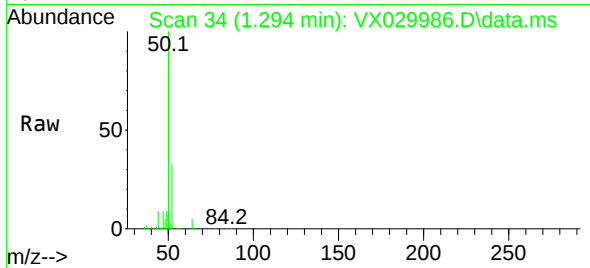




#3
Chloromethane
Concen: 19.164 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

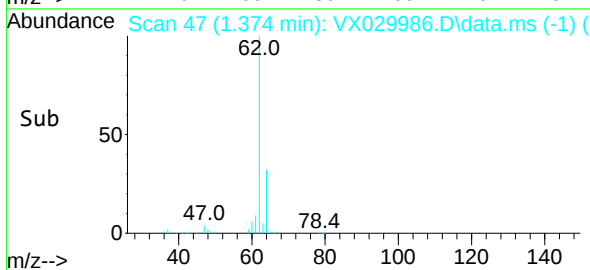
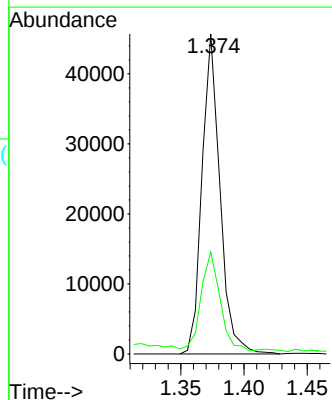
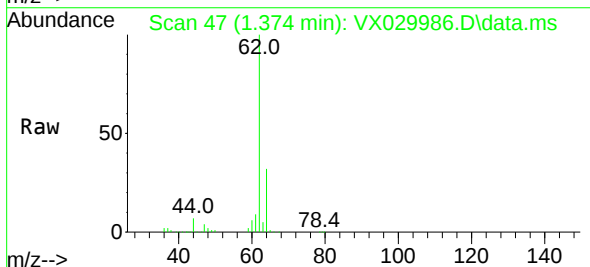
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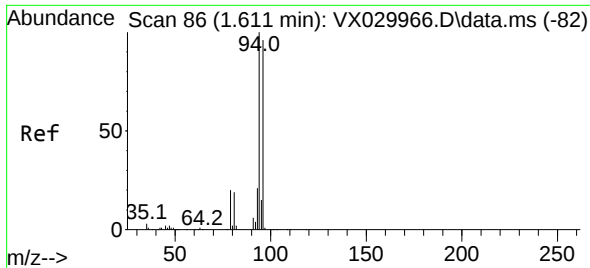
Tgt Ion: 50 Resp: 41940
Ion Ratio Lower Upper
50 100
52 33.2 25.6 38.4



#4
Vinyl Chloride
Concen: 18.279 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion: 62 Resp: 45328
Ion Ratio Lower Upper
62 100
64 30.7 26.2 39.2

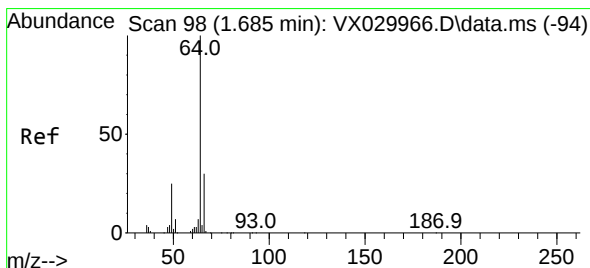
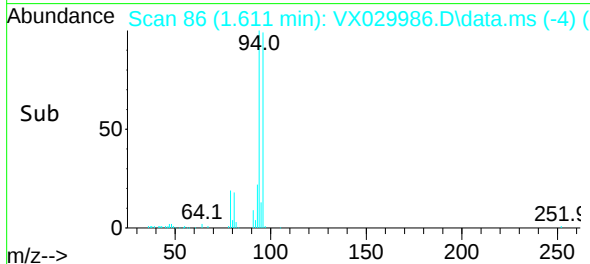
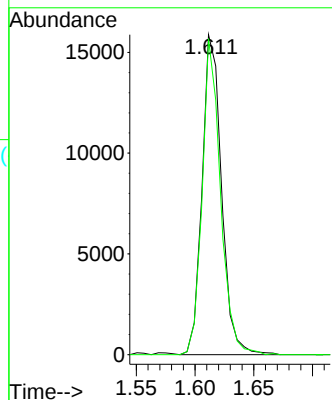
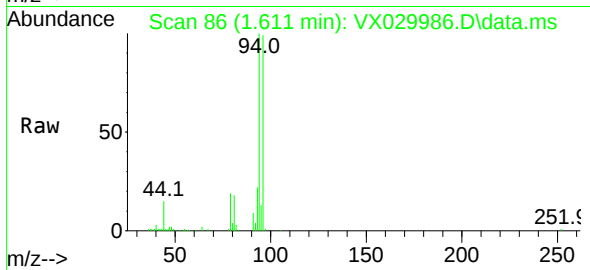




#5
Bromomethane
Concen: 17.915 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX029986.D
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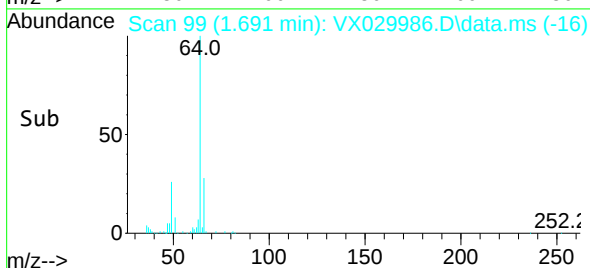
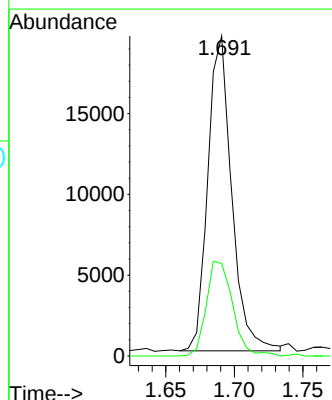
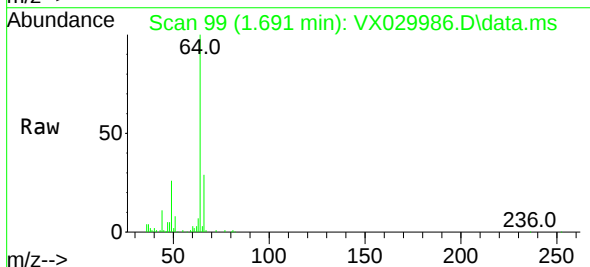
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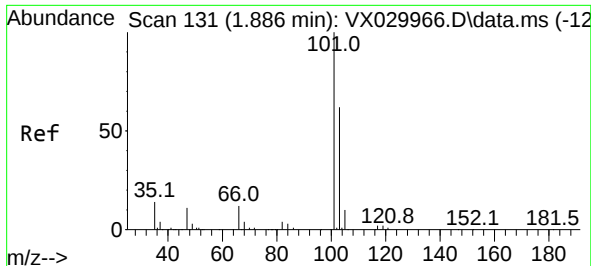
Tgt Ion: 94 Resp: 18304
Ion Ratio Lower Upper
94 100
96 98.7 77.0 115.6



#6
Chloroethane
Concen: 17.792 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion: 64 Resp: 23628
Ion Ratio Lower Upper
64 100
66 29.4 26.4 39.6

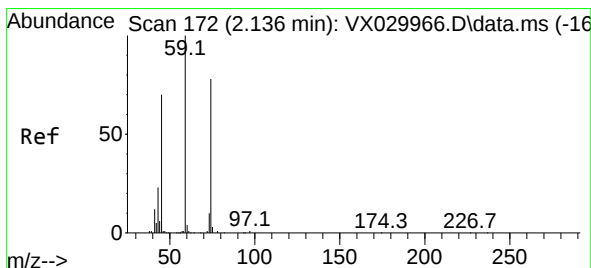
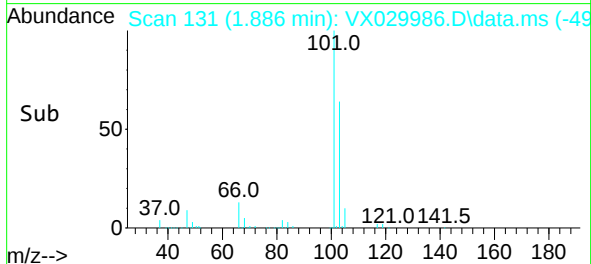
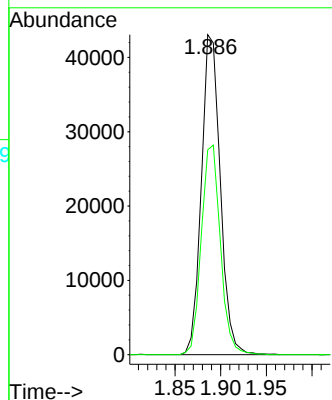
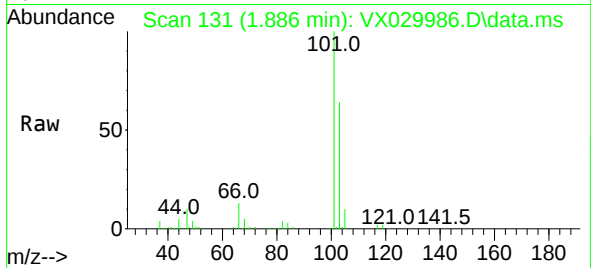




#7
 Trichlorofluoromethane
 Concen: 19.713 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
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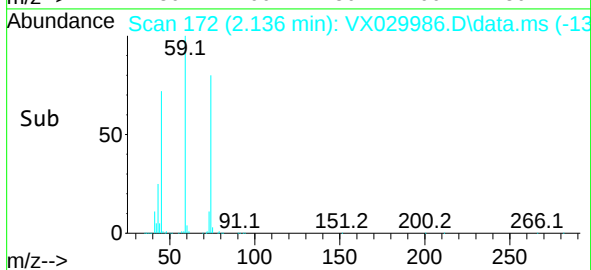
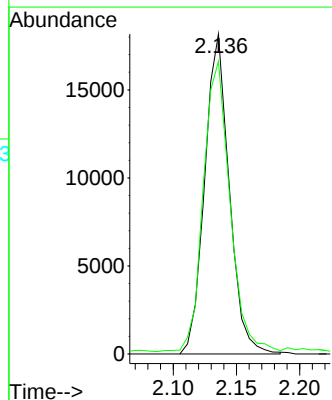
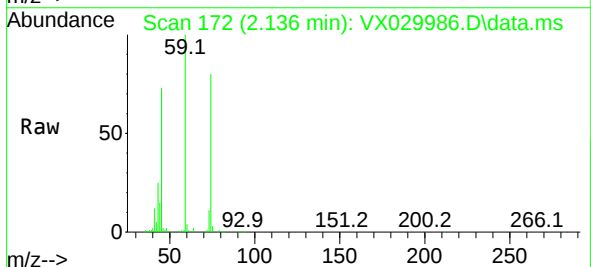
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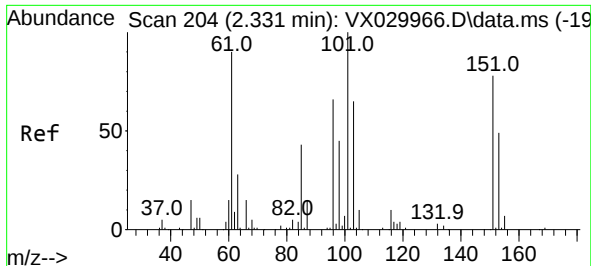
Tgt Ion:101 Resp: 61966
 Ion Ratio Lower Upper
 101 100
 103 64.0 49.6 74.4



#8
 Diethyl Ether
 Concen: 18.383 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX029986.D
 Acq: 11 Jul 2022 09:52

Tgt Ion: 74 Resp: 24578
 Ion Ratio Lower Upper
 74 100
 45 96.6 18.7 168.7

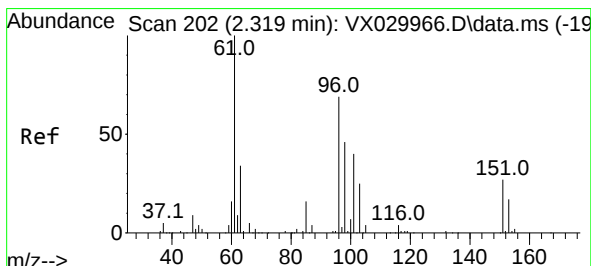
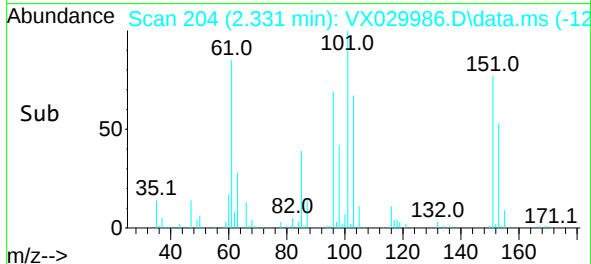
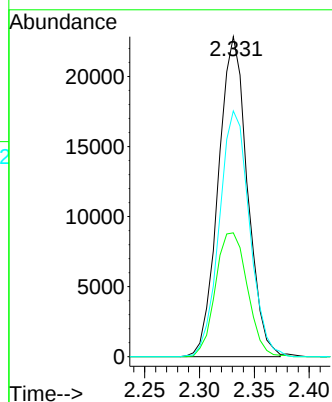
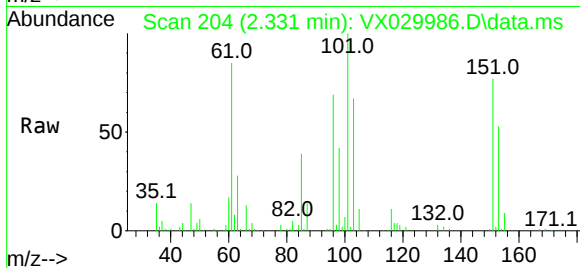




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.945 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX029986.D
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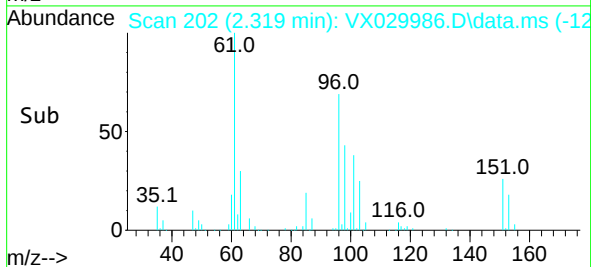
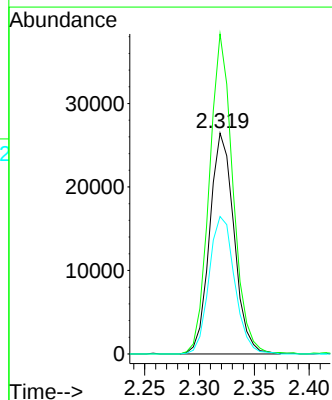
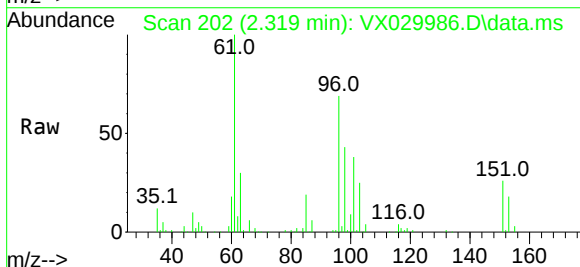
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 VSTDCCC020

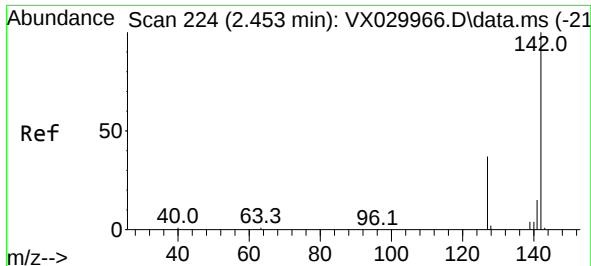
Tgt Ion:101 Resp: 42215
 Ion Ratio Lower Upper
 101 100
 85 42.3 0.0 84.6
 151 79.6 0.0 165.4



#10
 1,1-Dichloroethene
 Concen: 18.952 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX029986.D
 Acq: 11 Jul 2022 09:52

Tgt Ion: 96 Resp: 40960
 Ion Ratio Lower Upper
 96 100
 61 144.7 122.6 183.8
 98 62.3 50.1 75.1

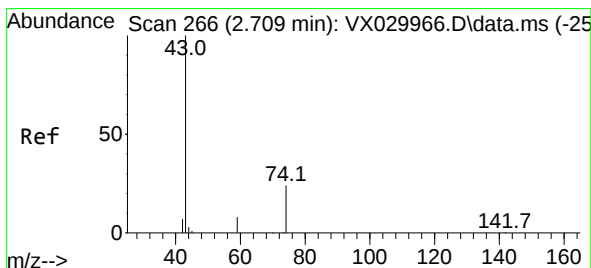
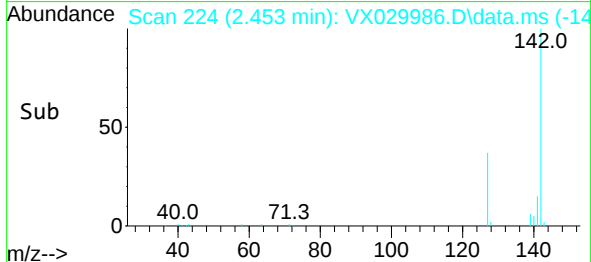
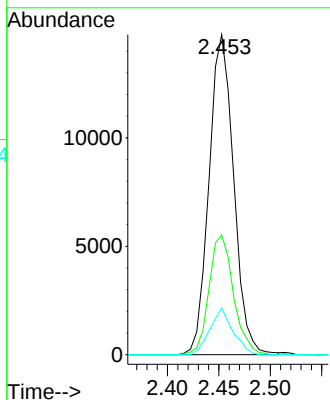
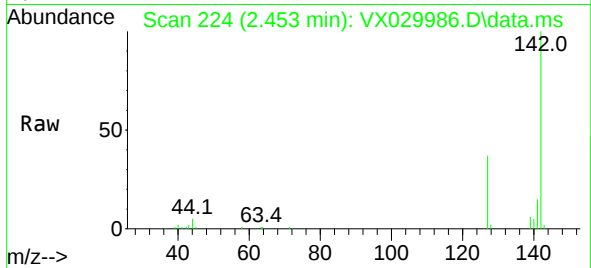




#11
Methyl Iodide
Concen: 18.195 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

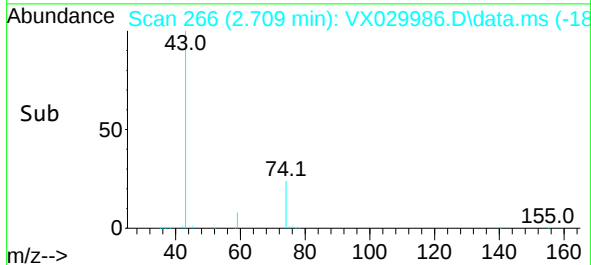
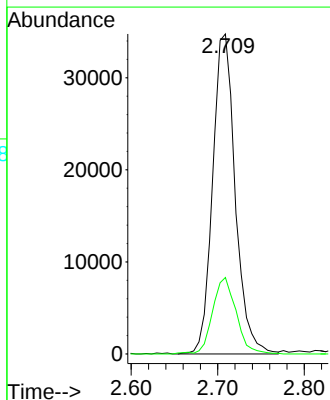
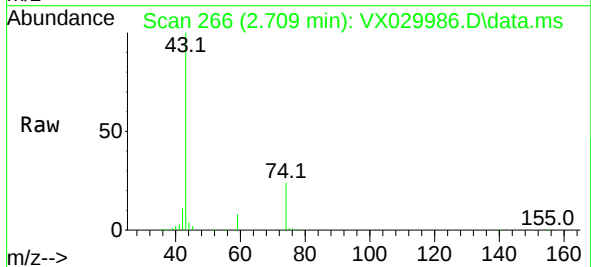
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

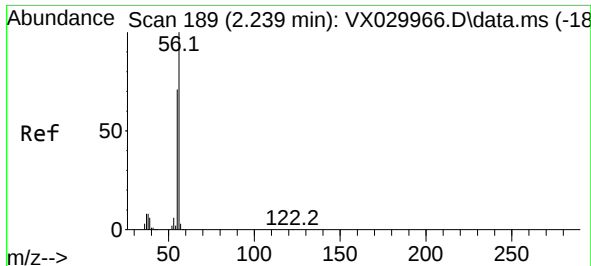
Tgt Ion:142 Resp: 24609
Ion Ratio Lower Upper
142 100
127 37.5 22.3 66.9
141 14.6 7.0 20.9



#12
Methyl Acetate
Concen: 17.919 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion: 43 Resp: 63071
Ion Ratio Lower Upper
43 100
74 23.7 22.1 33.1

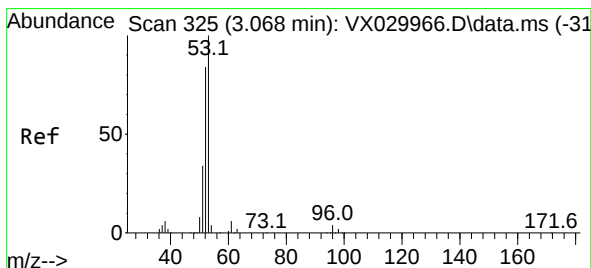
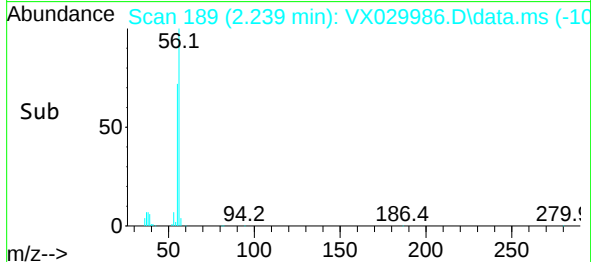
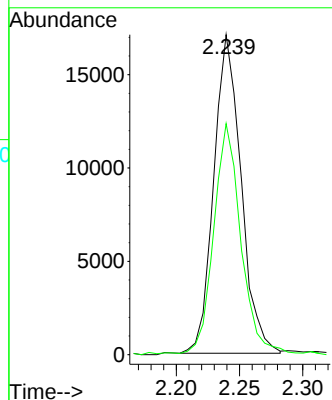
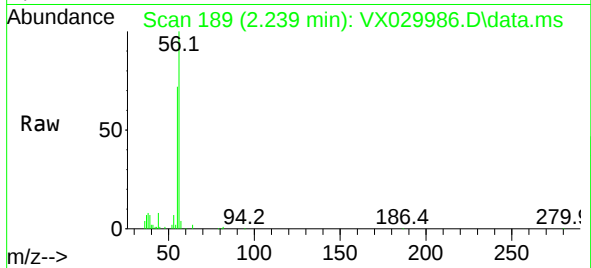




#13
Acrolein
Concen: 61.904 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

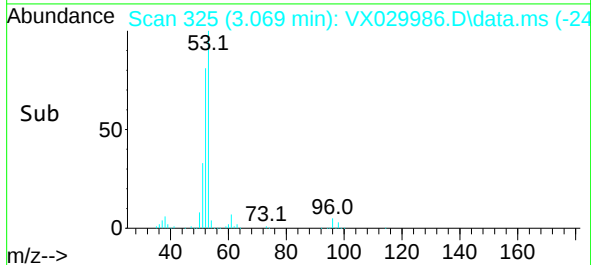
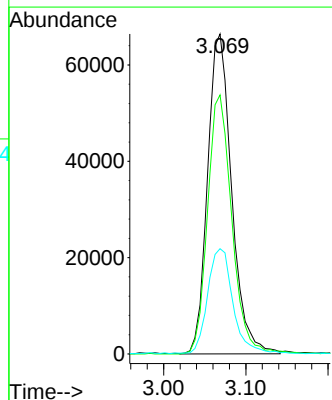
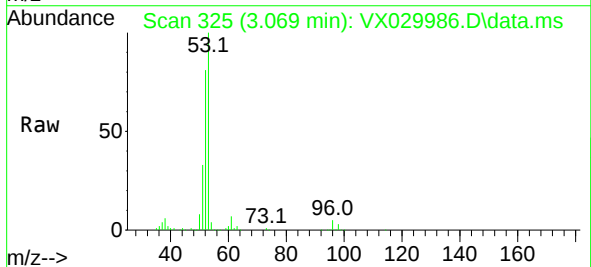
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

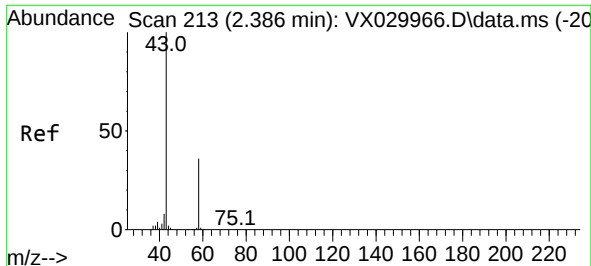
Tgt Ion: 56 Resp: 25597
Ion Ratio Lower Upper
56 100
55 72.0 56.4 84.6



#14
Acrylonitrile
Concen: 89.236 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion: 53 Resp: 135181
Ion Ratio Lower Upper
53 100
52 81.9 41.5 124.5
51 33.6 18.1 54.4

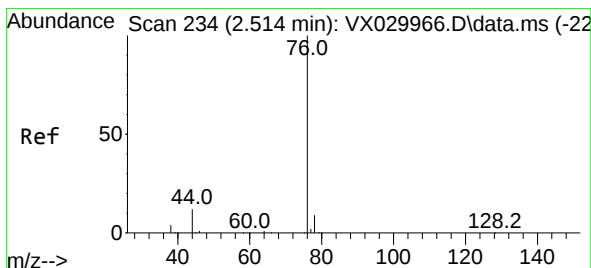
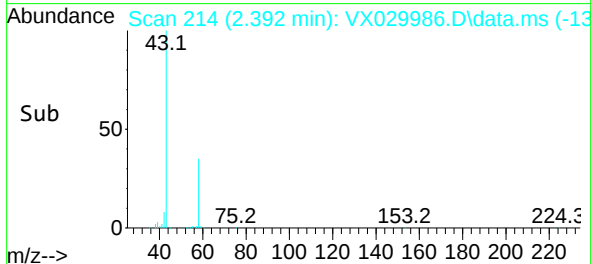
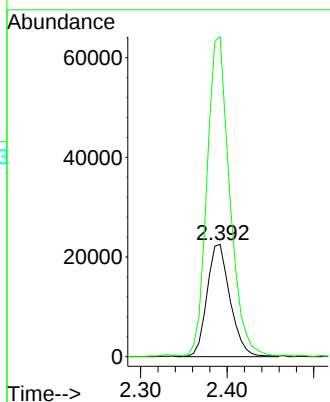
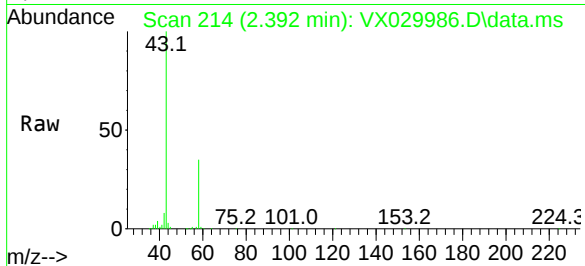




#15
Acetone
Concen: 101.370 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

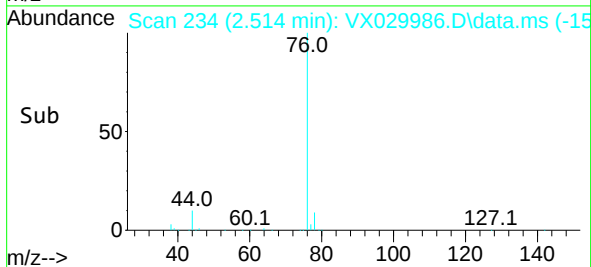
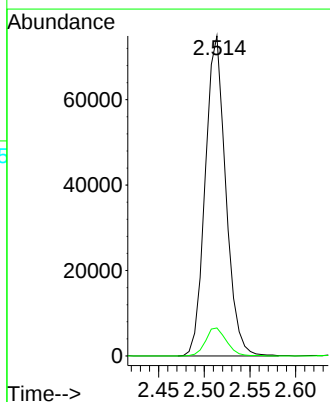
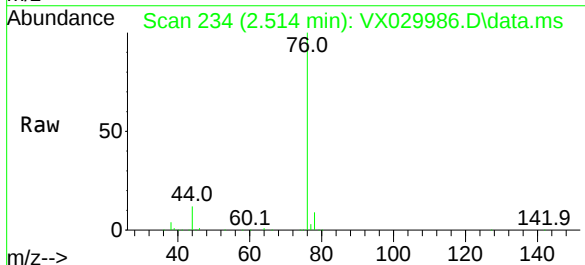
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

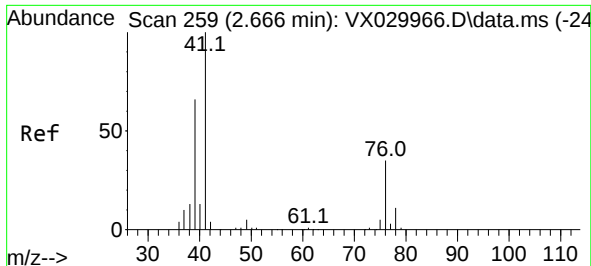
Tgt Ion: 58 Resp: 41713
Ion Ratio Lower Upper
58 100
43 284.0 250.2 375.2



#16
Carbon Disulfide
Concen: 20.718 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion: 76 Resp: 116885
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7





#17

Allyl chloride

Concen: 18.864 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

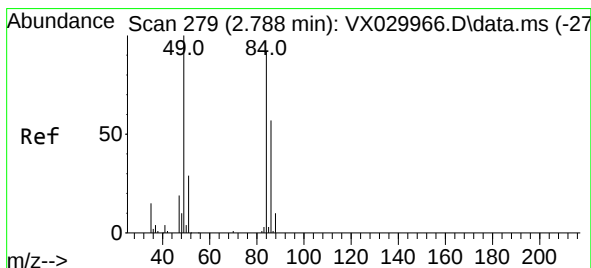
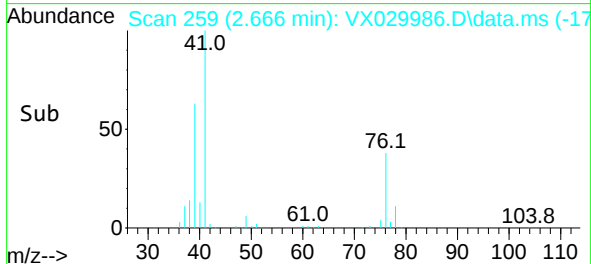
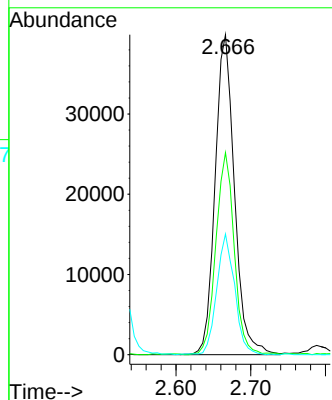
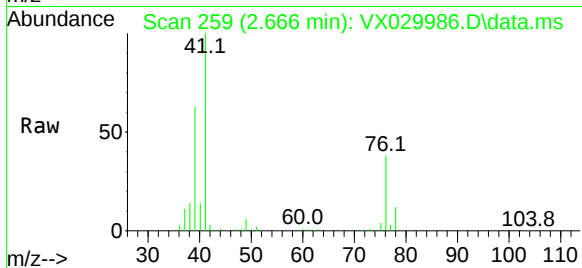
Tgt Ion: 41 Resp: 71846

Ion Ratio Lower Upper

41 100

39 63.0 35.4 106.1

76 37.7 18.4 55.4



#18

Methylene Chloride

Concen: 18.792 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

Tgt Ion: 84 Resp: 47316

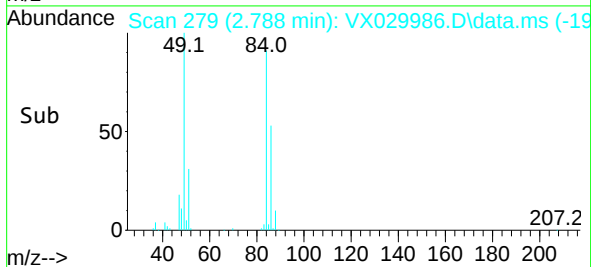
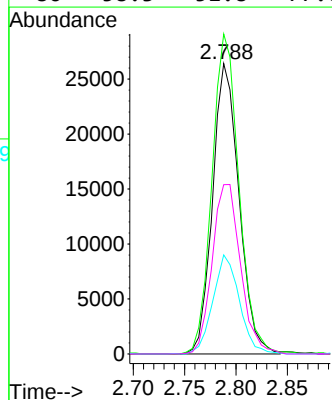
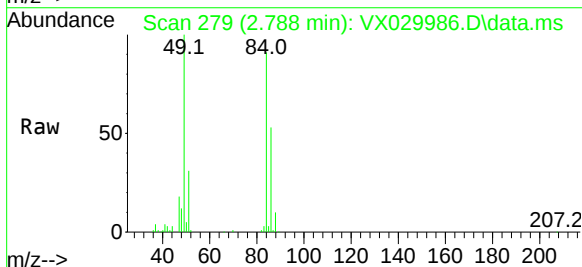
Ion Ratio Lower Upper

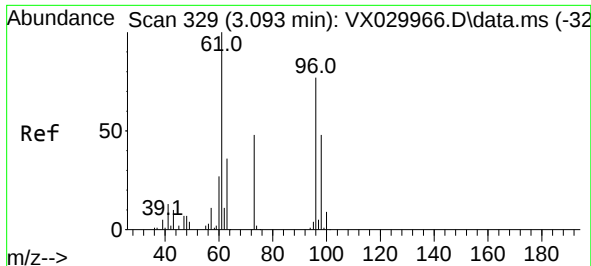
84 100

49 110.2 94.2 141.2

51 34.1 29.2 43.8

86 58.3 51.8 77.6

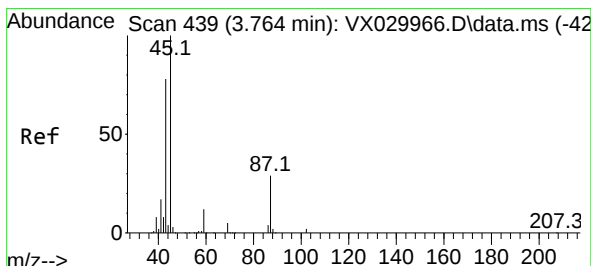
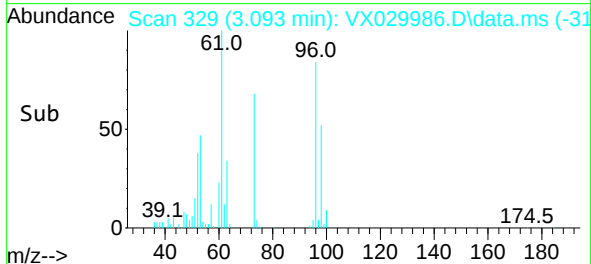
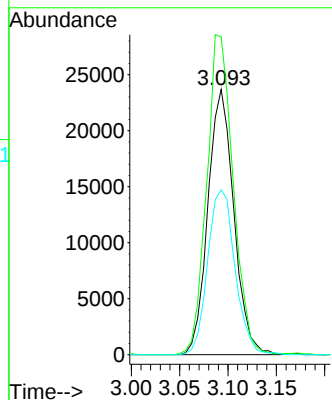
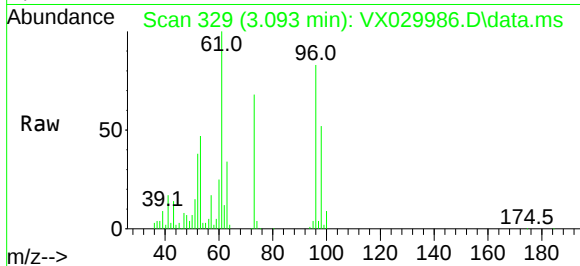




#19
trans-1,2-Dichloroethene
Concen: 18.836 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

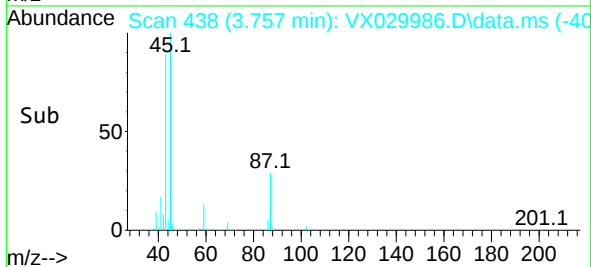
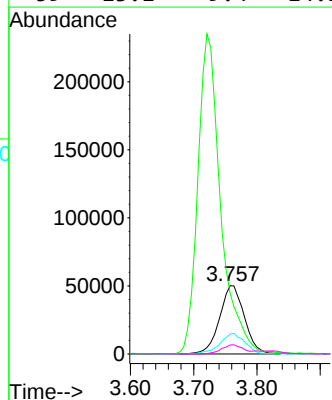
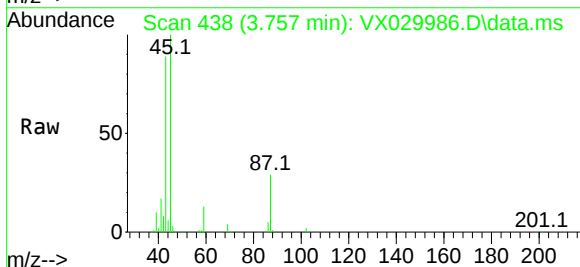
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

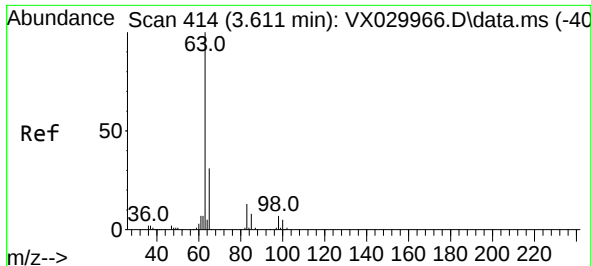
Tgt Ion: 96 Resp: 44177
Ion Ratio Lower Upper
96 100
61 119.5 108.7 163.1
98 62.2 49.2 73.8



#20
Diisopropyl ether
Concen: 17.843 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion: 45 Resp: 136140
Ion Ratio Lower Upper
45 100
43 87.0 70.3 105.5
87 29.0 24.5 36.7
59 13.1 9.4 14.2





#21

1,1-Dichloroethane

Concen: 18.767 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

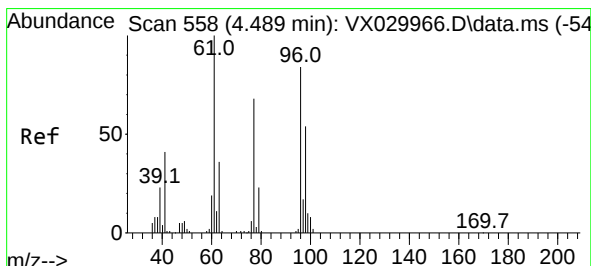
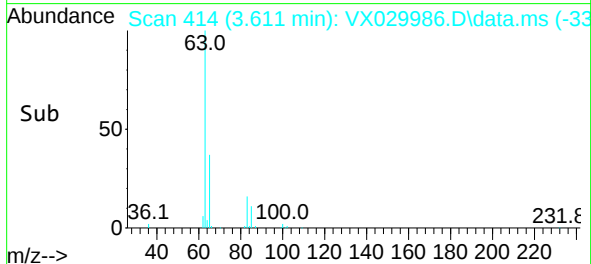
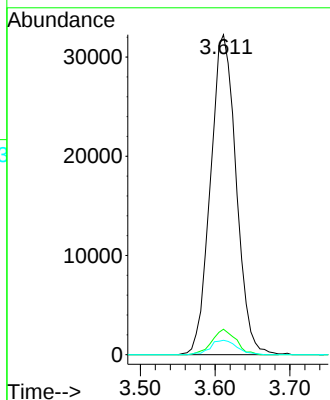
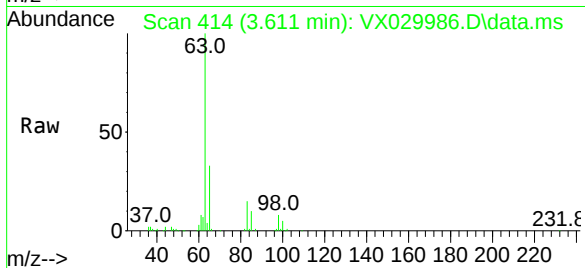
Tgt Ion: 63 Resp: 77086

Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.2

100 4.5 2.5 7.5



#22

cis-1,2-Dichloroethene

Concen: 18.904 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

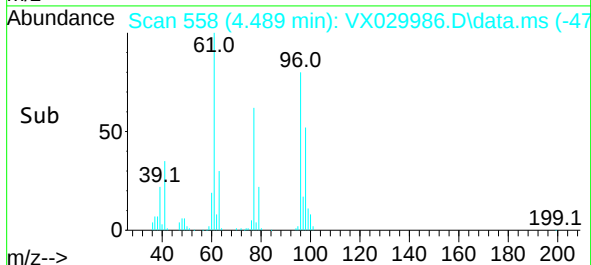
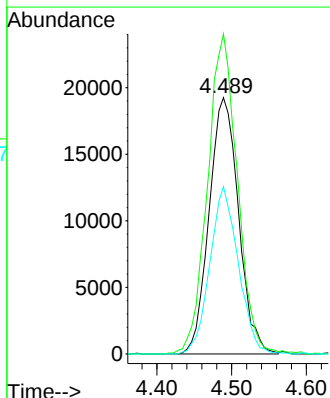
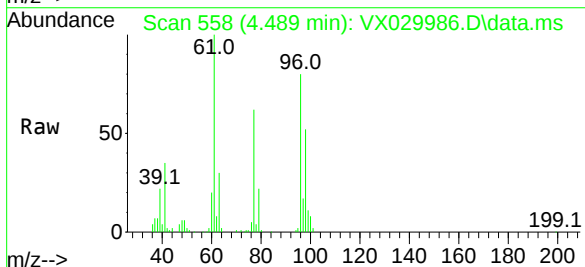
Tgt Ion: 96 Resp: 52645

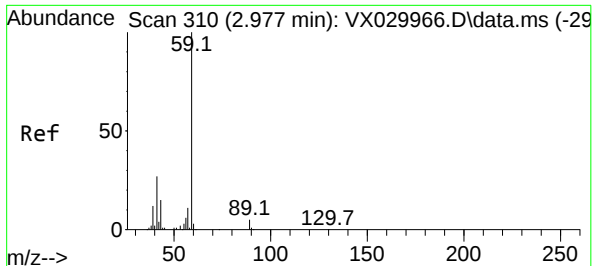
Ion Ratio Lower Upper

96 100

61 126.8 107.4 161.2

98 63.1 51.1 76.7

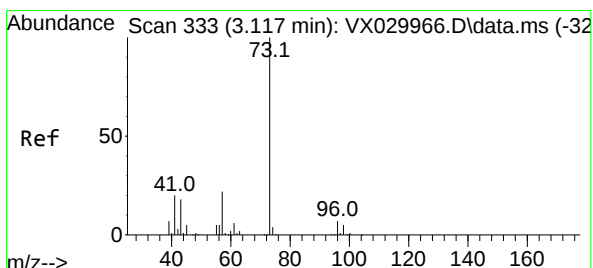
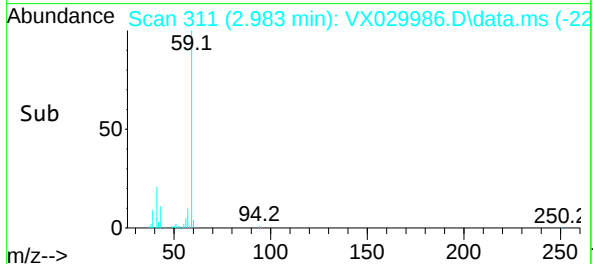
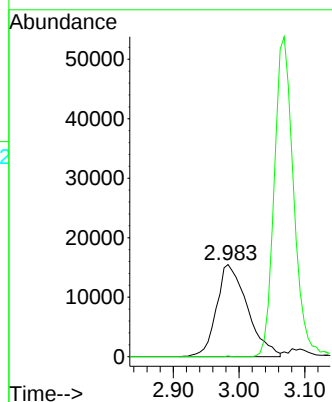
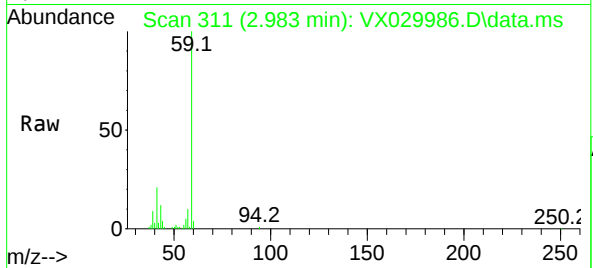




#23
tert-Butyl Alcohol
Concen: 72.881 ug/l
RT: 2.983 min Scan# 310
Delta R.T. 0.006 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

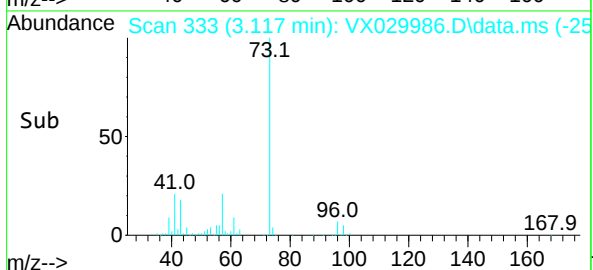
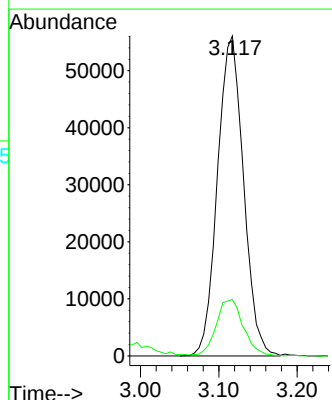
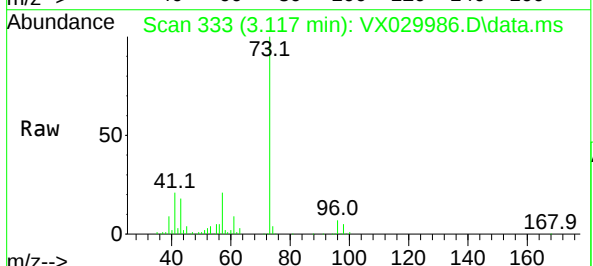
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

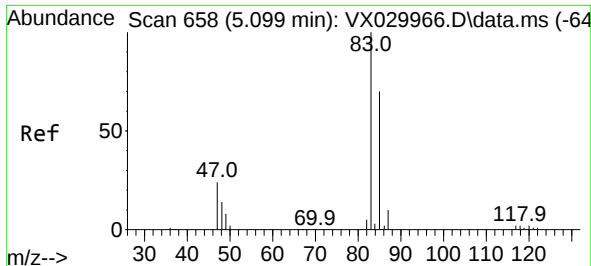
Tgt Ion: 59 Resp: 50578
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.565 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion: 73 Resp: 129440
Ion Ratio Lower Upper
73 100
43 18.5 16.0 24.0





#25

Chloroform

Concen: 18.752 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

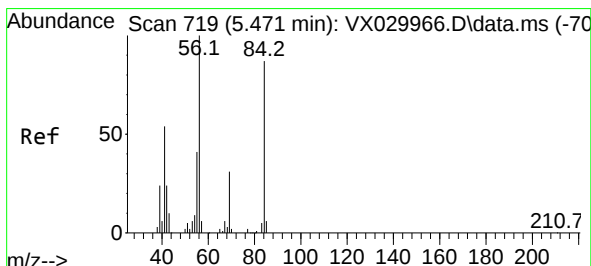
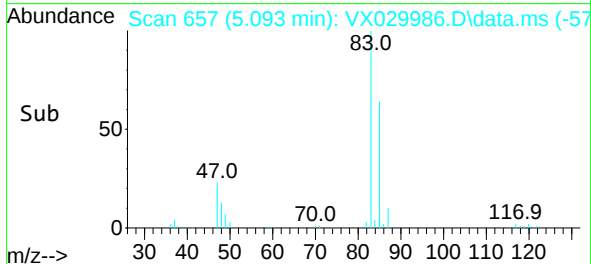
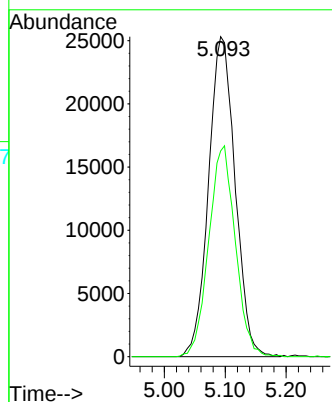
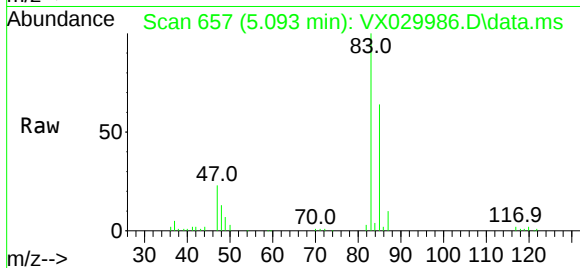
VSTDCCC020

Tgt Ion: 83 Resp: 76762

Ion Ratio Lower Upper

83 100

85 64.1 49.9 74.9



#26

Cyclohexane

Concen: 19.174 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

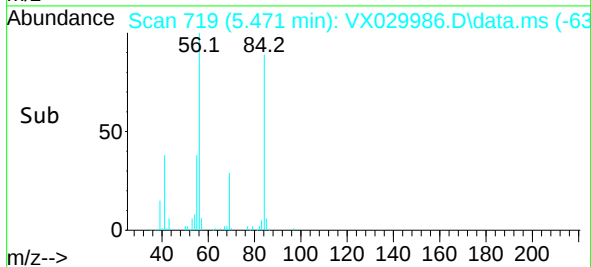
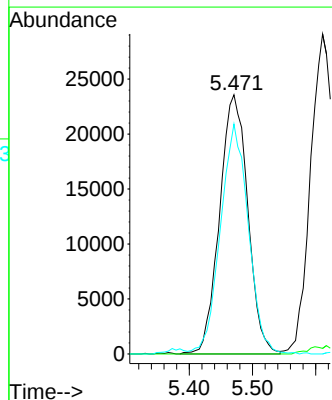
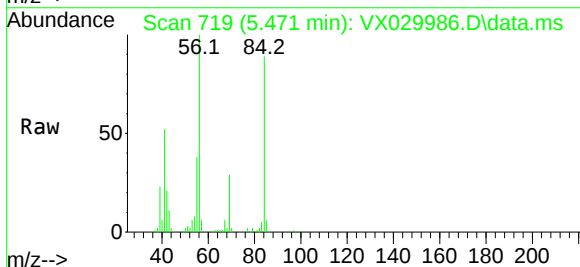
Tgt Ion: 56 Resp: 72969

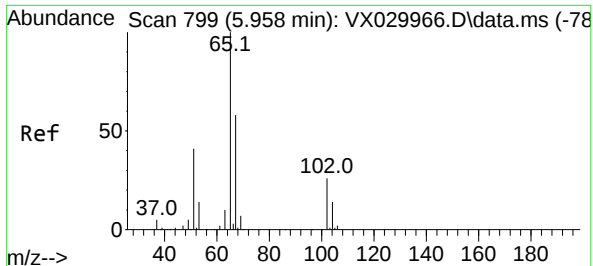
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 86.6 76.2 114.2





#27

1,2-Dichloroethane-d4

Concen: 27.646 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

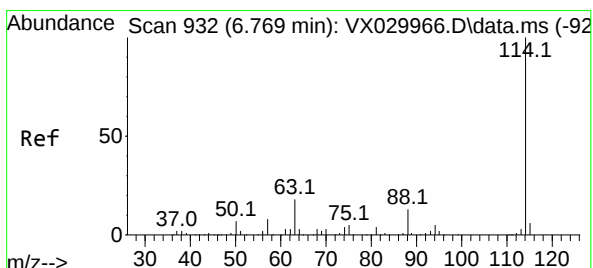
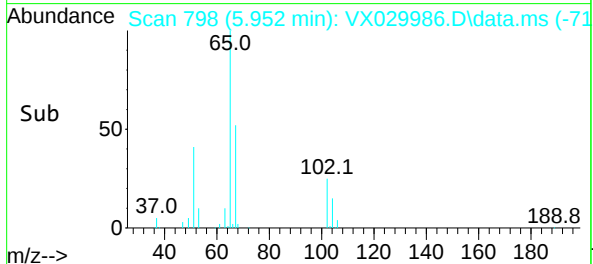
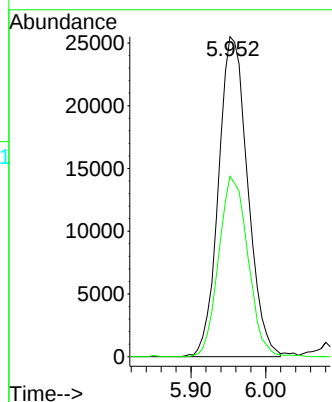
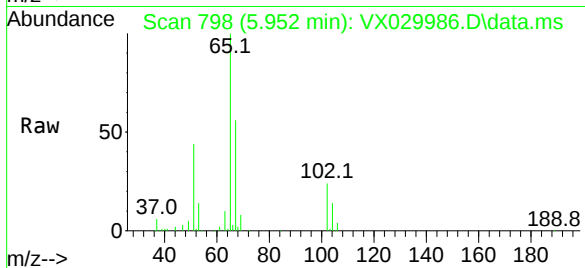
VSTDCCC020

Tgt Ion: 65 Resp: 69184

Ion Ratio Lower Upper

65 100

67 56.2 42.3 63.5



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.012 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

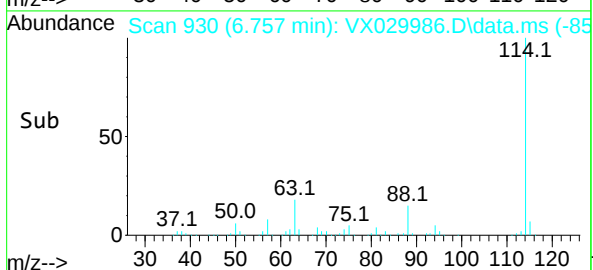
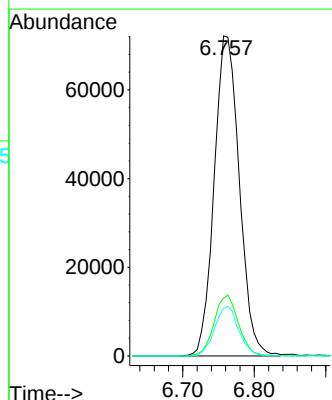
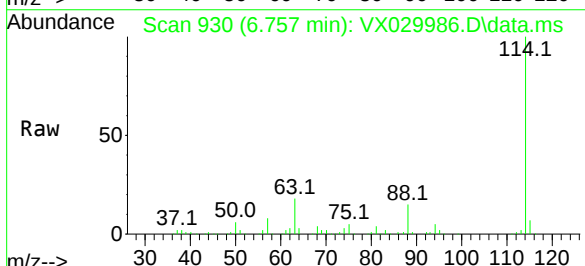
Tgt Ion: 114 Resp: 176199

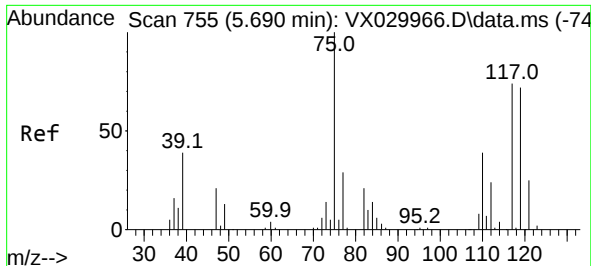
Ion Ratio Lower Upper

114 100

63 18.4 15.3 22.9

88 14.9 12.2 18.4





#29

1,1-Dichloropropene

Concen: 18.912 ug/l

RT: 5.696 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

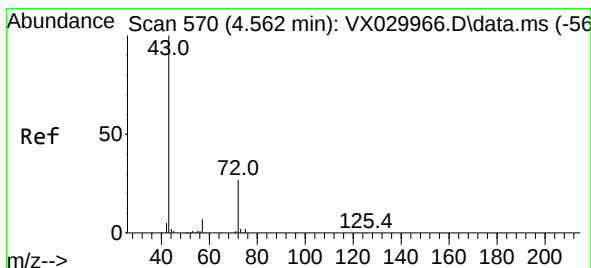
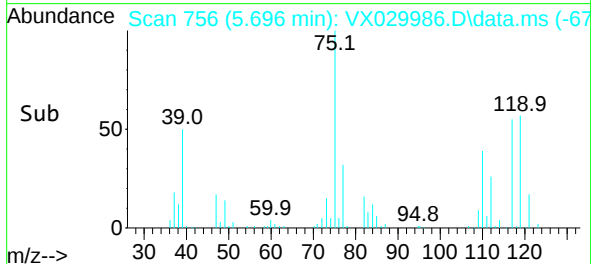
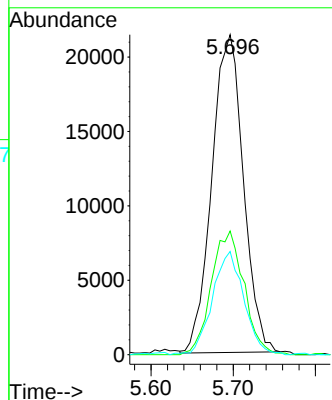
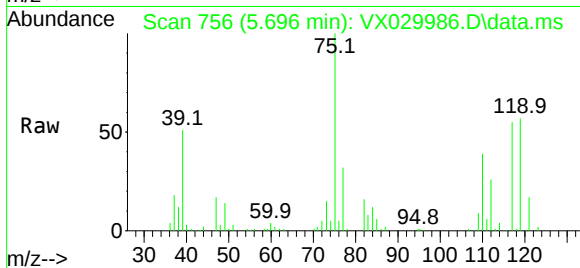
Tgt Ion: 75 Resp: 57005

Ion Ratio Lower Upper

75 100

110 40.2 0.0 73.6

77 32.0 0.0 62.2



#30

2-Butanone

Concen: 92.649 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

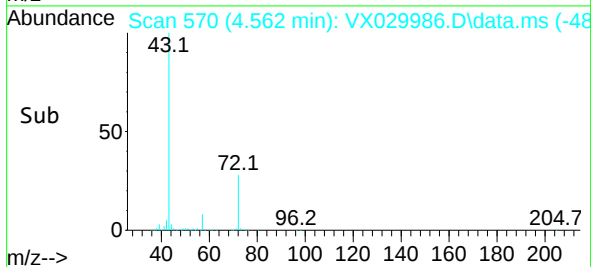
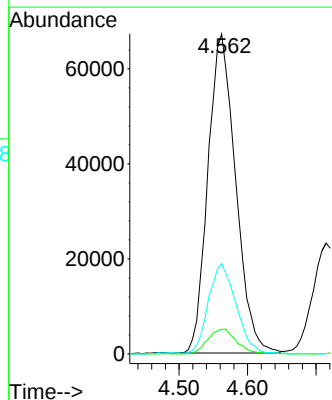
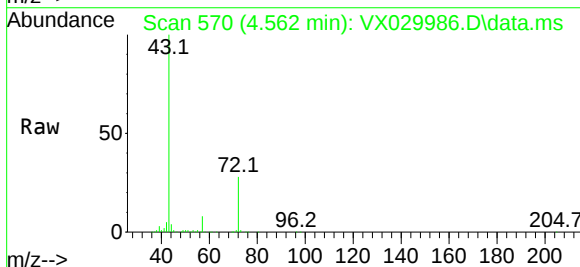
Tgt Ion: 43 Resp: 188493

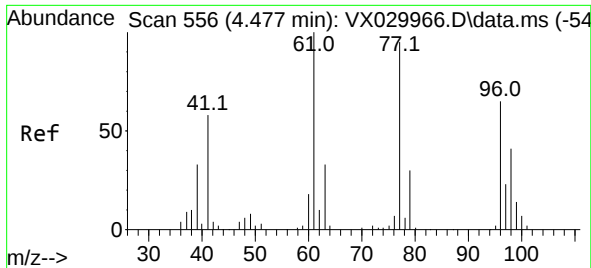
Ion Ratio Lower Upper

43 100

57 8.1 6.6 10.0

72 28.2 22.1 33.1

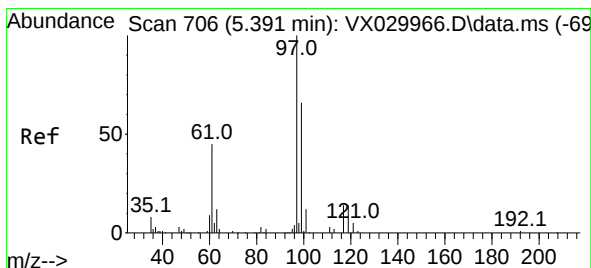
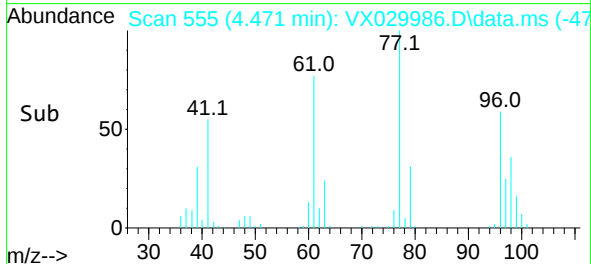
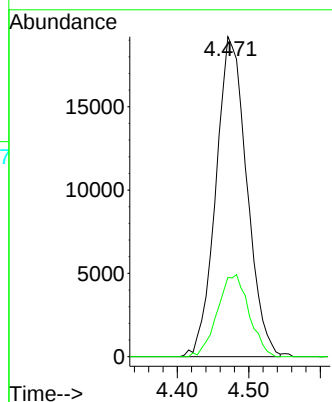
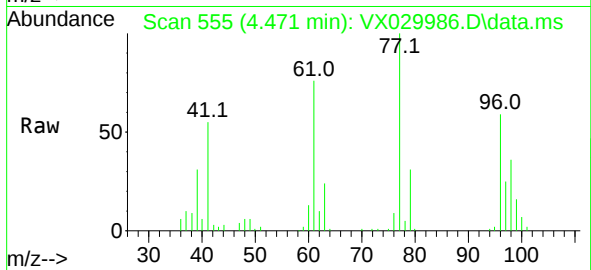




#31
2,2-Dichloropropane
Concen: 20.013 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

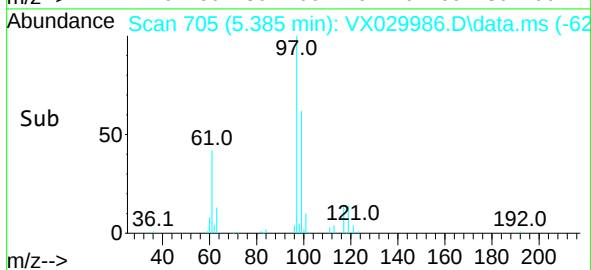
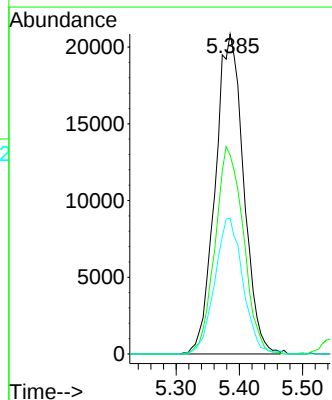
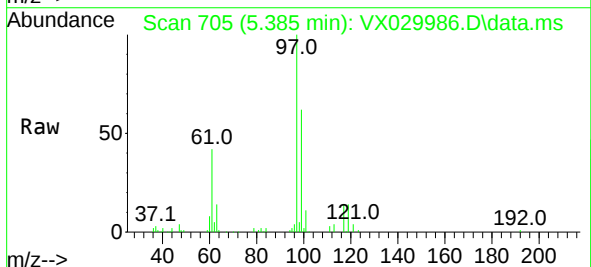
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

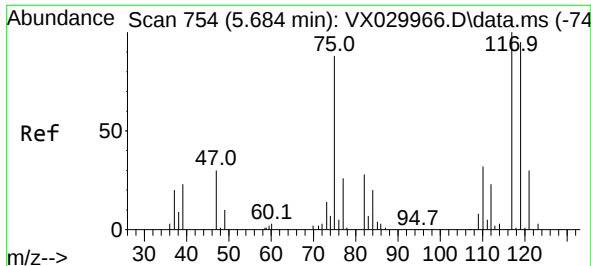
Tgt Ion: 77 Resp: 57655
Ion Ratio Lower Upper
77 100
97 26.2 18.4 27.6



#32
1,1,1-Trichloroethane
Concen: 20.042 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion: 97 Resp: 64957
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.8
61 41.8 33.4 50.0

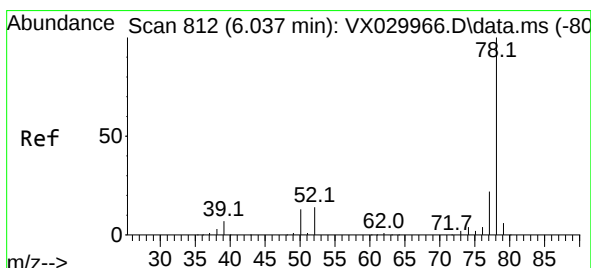
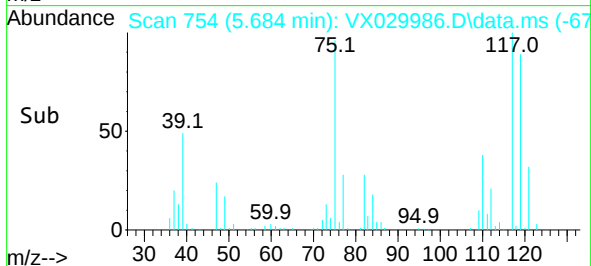
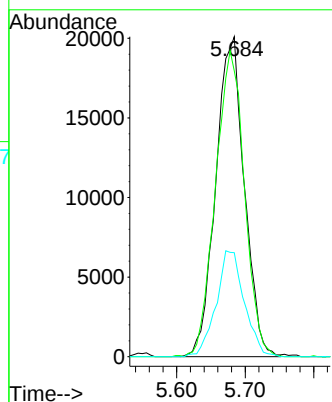
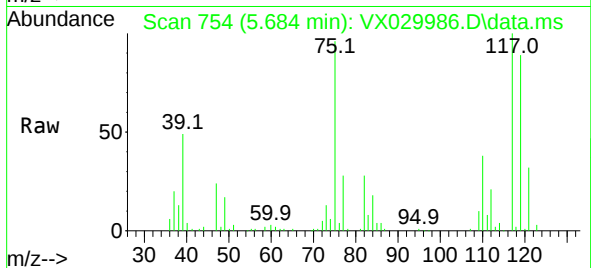




#33
Carbon Tetrachloride
Concen: 21.366 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

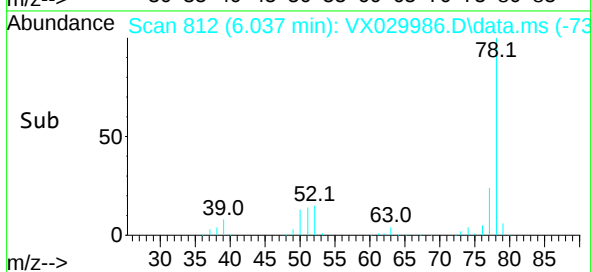
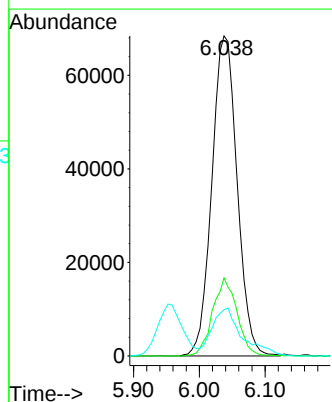
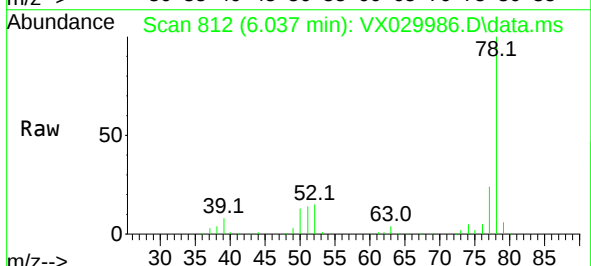
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

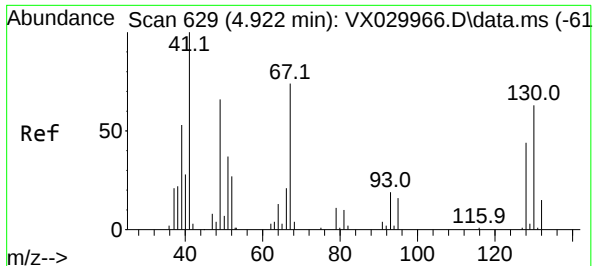
Tgt Ion:117 Resp: 58161
Ion Ratio Lower Upper
117 100
119 89.0 75.3 112.9
121 32.5 24.1 36.1



#34
Benzene
Concen: 18.924 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion: 78 Resp: 183308
Ion Ratio Lower Upper
78 100
77 24.4 18.5 27.7
51 13.8 12.9 19.3

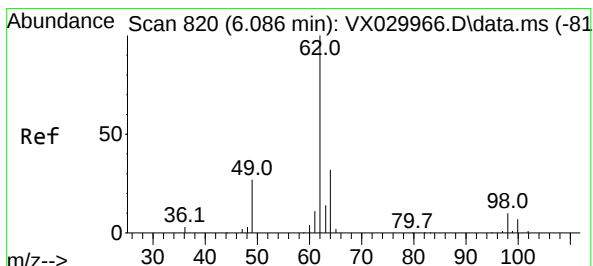
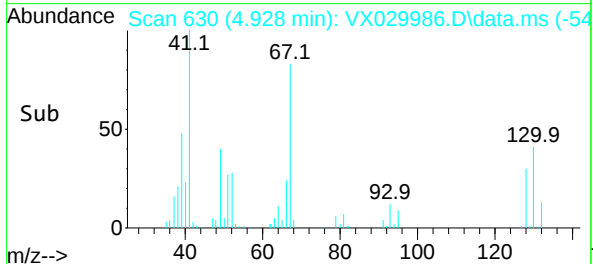
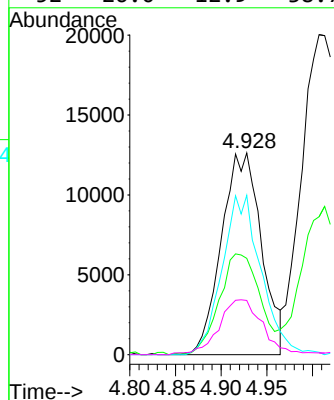
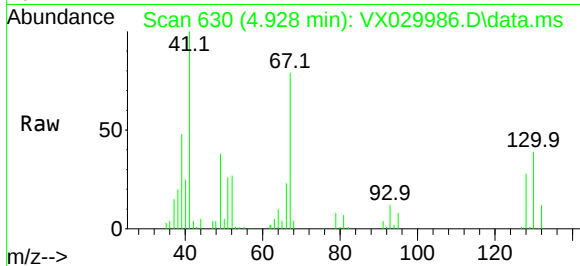




#35
Methacrylonitrile
Concen: 18.718 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

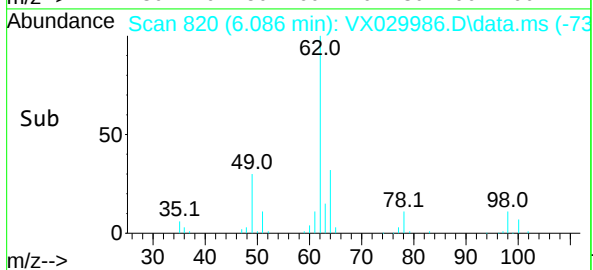
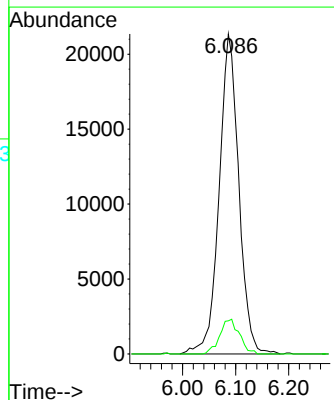
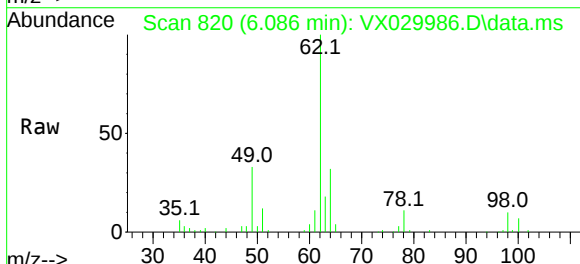
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

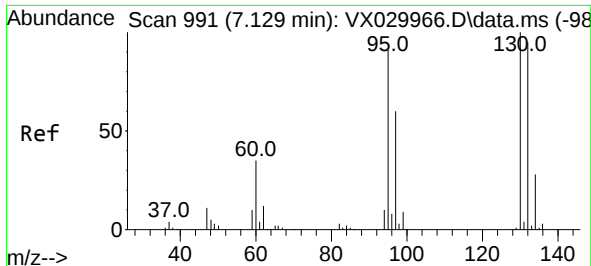
Tgt Ion: 41	Resp: 38546
Ion Ratio	Lower Upper
41 100	
39 47.0	27.0 81.0
67 79.0	33.3 99.8
52 26.0	12.9 38.7



#36
1,2-Dichloroethane
Concen: 18.634 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion: 62	Resp: 54945
Ion Ratio	Lower Upper
62 100	
98 10.7	7.4 11.0





#37

Trichloroethene

Concen: 19.536 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

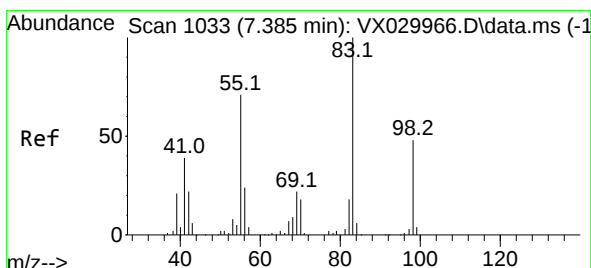
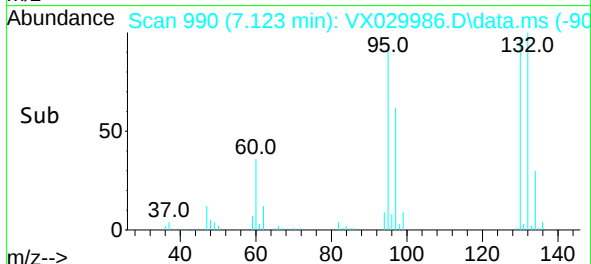
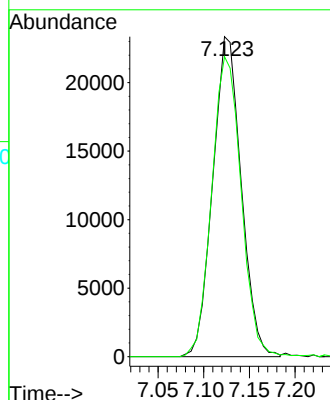
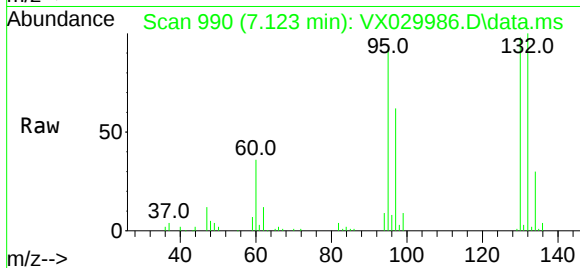
VSTDCCC020

Tgt Ion:130 Resp: 50608

Ion Ratio Lower Upper

130 100

95 93.7 76.5 114.7



#38

Methylcyclohexane

Concen: 19.383 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

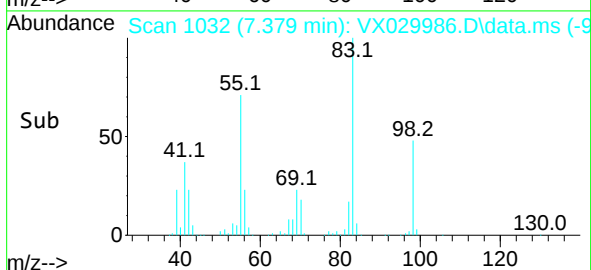
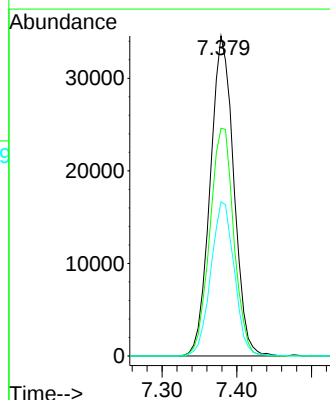
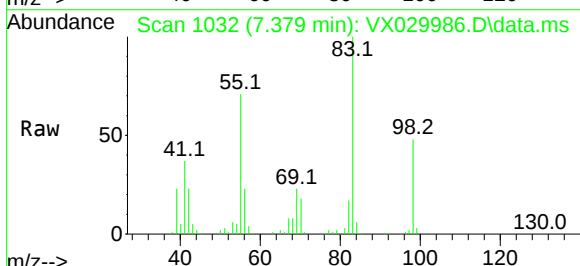
Tgt Ion: 83 Resp: 75810

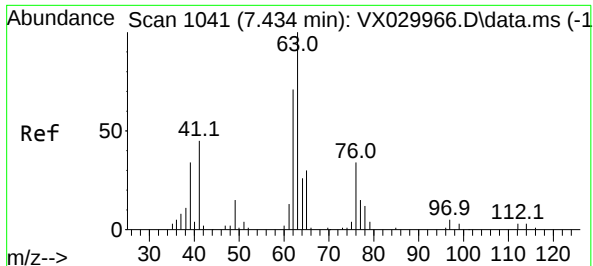
Ion Ratio Lower Upper

83 100

55 72.5 37.0 110.9

98 48.0 25.9 77.8





#39

1,2-Dichloropropane

Concen: 18.968 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

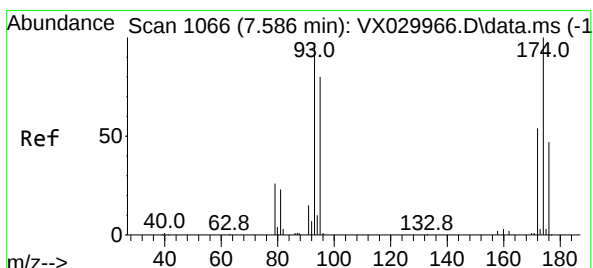
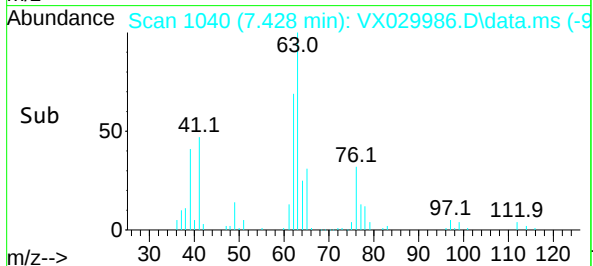
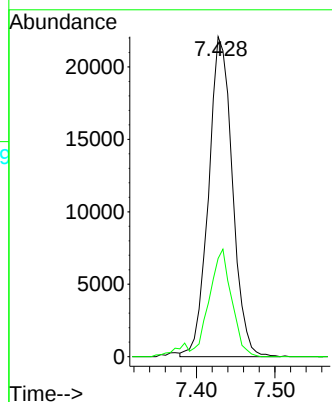
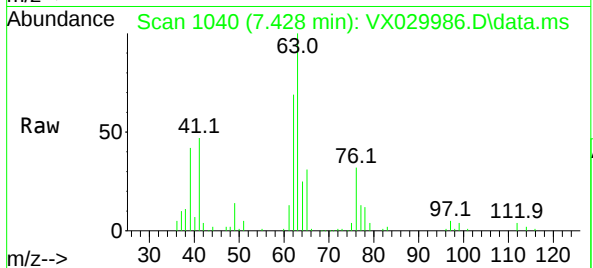
VSTDCCC020

Tgt Ion: 63 Resp: 46770

Ion Ratio Lower Upper

63 100

65 30.7 25.4 38.2



#40

Dibromomethane

Concen: 19.478 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

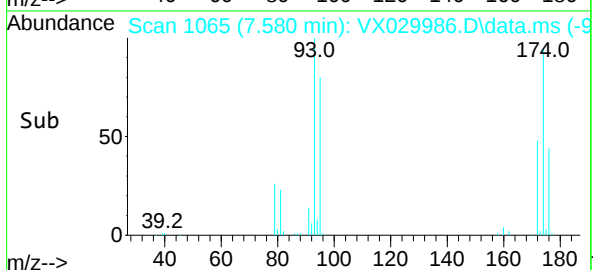
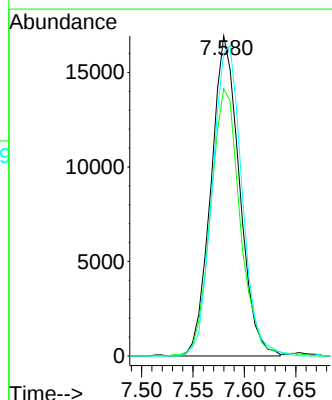
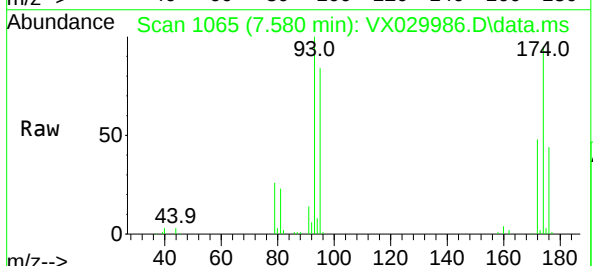
Tgt Ion: 93 Resp: 32554

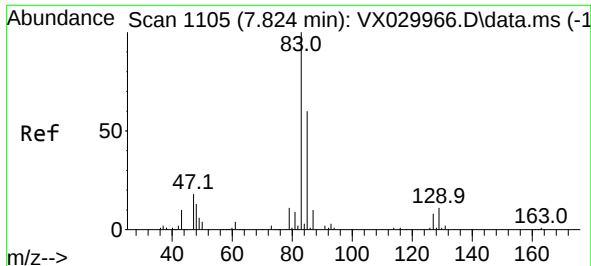
Ion Ratio Lower Upper

93 100

95 86.7 0.0 168.8

174 100.6 0.0 220.8

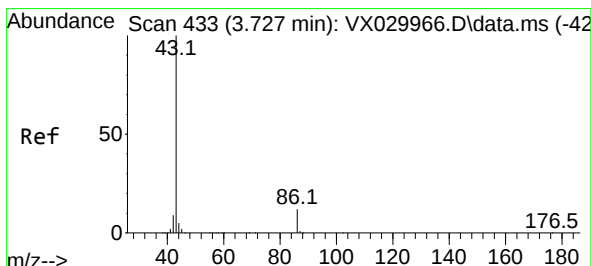
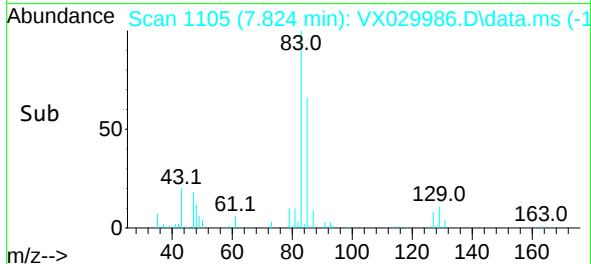
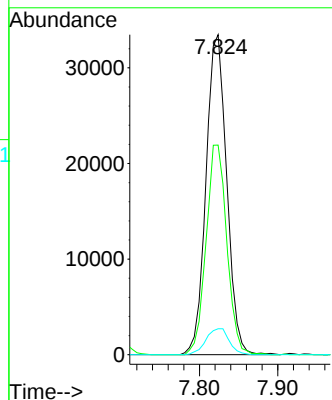
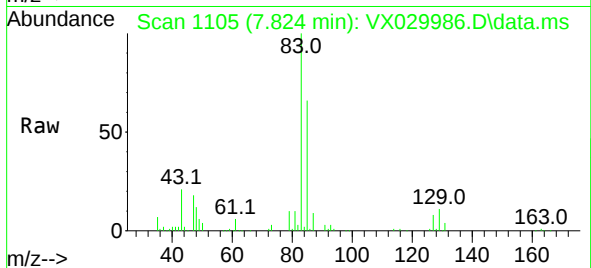




#41
Bromodichloromethane
Concen: 20.580 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

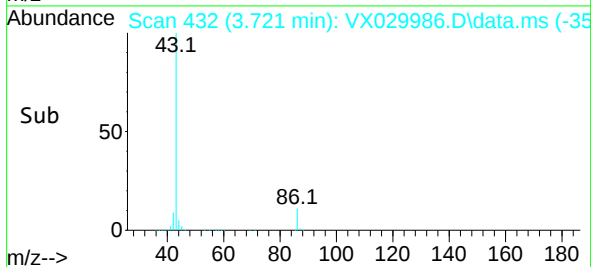
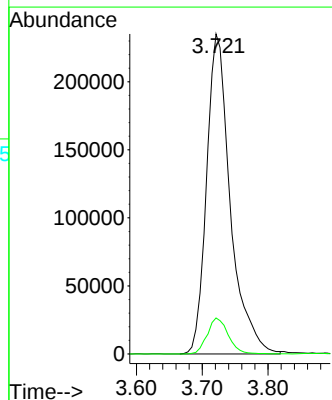
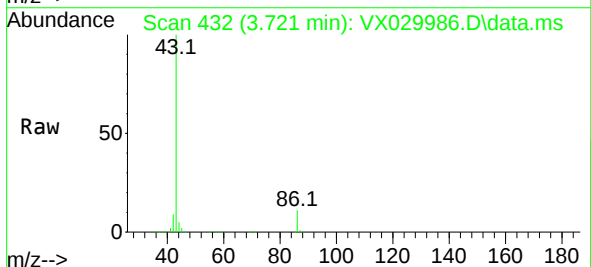
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

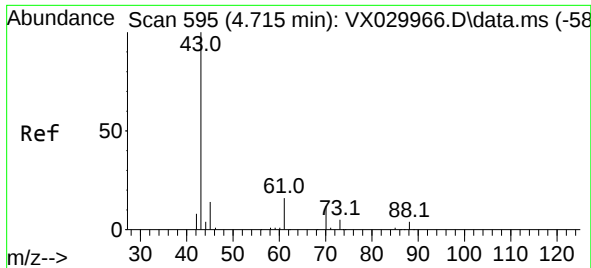
Tgt Ion: 83 Resp: 61444
Ion Ratio Lower Upper
83 100
85 65.5 50.6 75.8
127 8.1 7.0 10.6



#42
Vinyl Acetate
Concen: 90.681 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.006 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion: 43 Resp: 589985
Ion Ratio Lower Upper
43 100
86 10.0 8.5 12.7

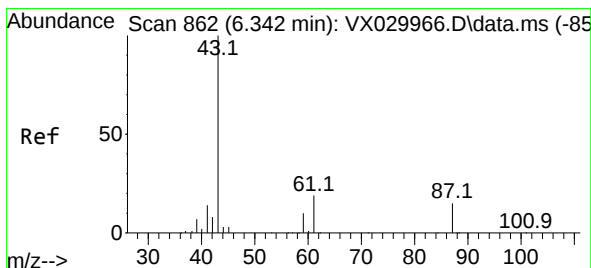
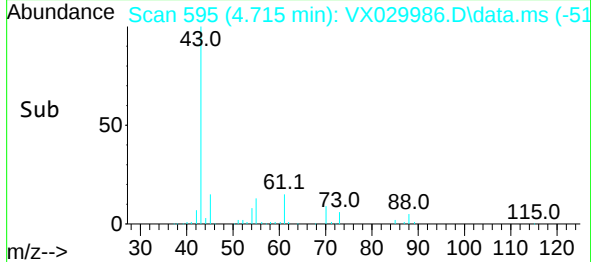
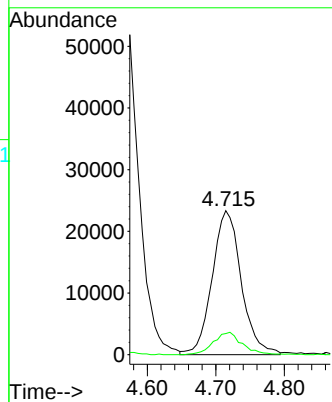
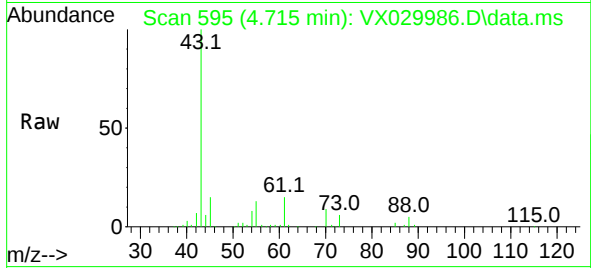




#43
Ethyl Acetate
Concen: 17.989 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

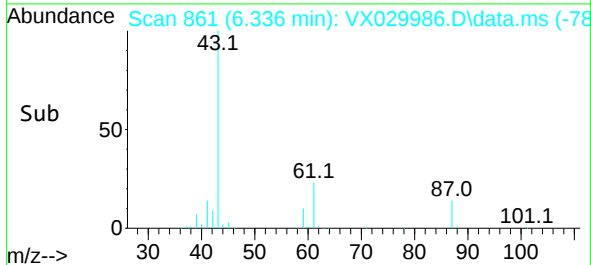
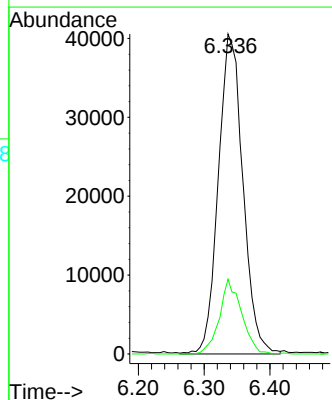
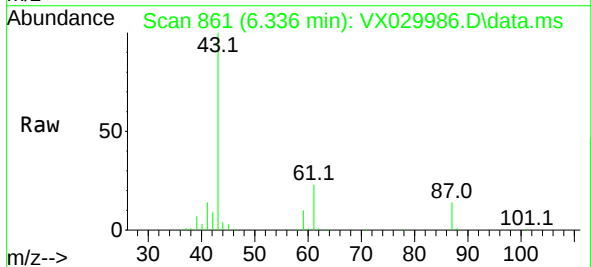
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

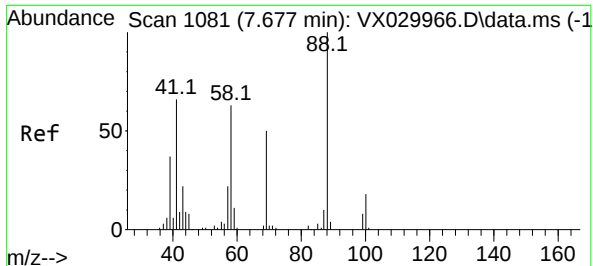
Tgt Ion: 43 Resp: 68939
Ion Ratio Lower Upper
43 100
45 15.4 11.8 17.6



#44
Isopropyl Acetate
Concen: 18.111 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion: 43 Resp: 105442
Ion Ratio Lower Upper
43 100
61 20.9 17.0 25.4





#45

1,4-Dioxane

Concen: 356.199 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.012 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

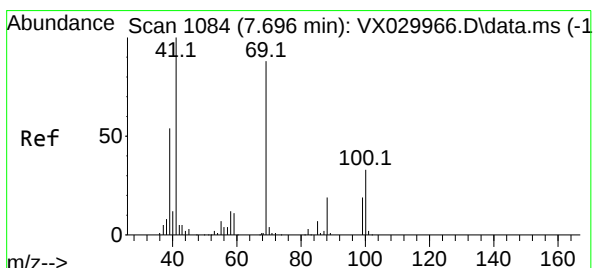
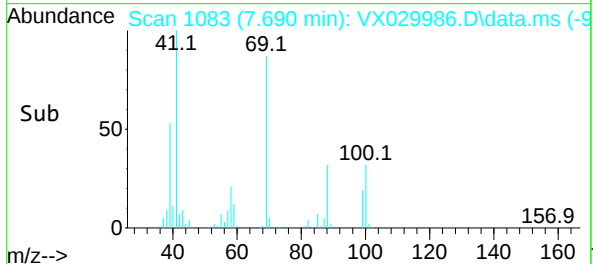
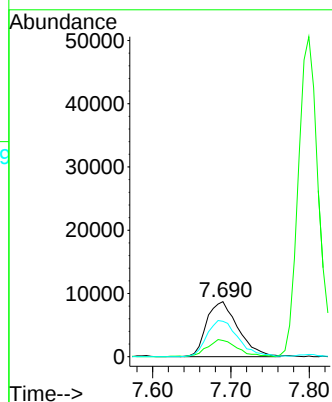
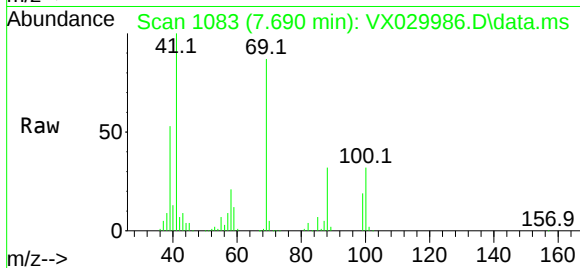
Tgt Ion: 88 Resp: 24344

Ion Ratio Lower Upper

88 100

43 28.2 25.8 38.6

58 65.2 54.8 82.2



#46

Methyl methacrylate

Concen: 17.944 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. -0.006 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

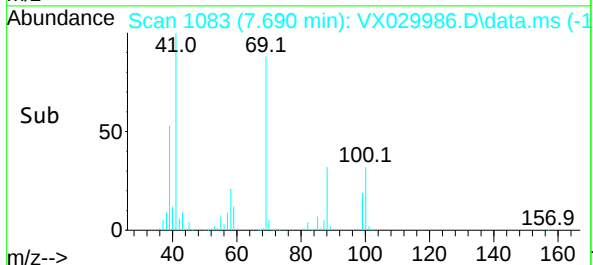
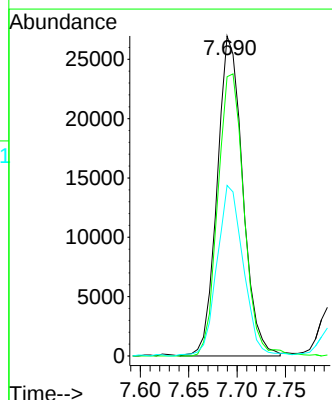
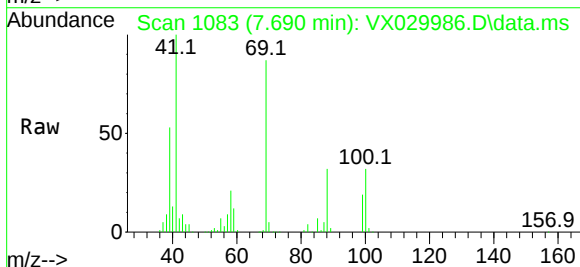
Tgt Ion: 41 Resp: 49507

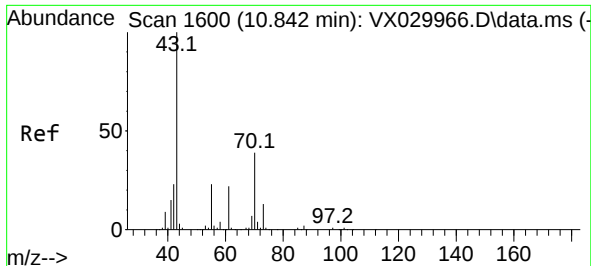
Ion Ratio Lower Upper

41 100

69 87.2 41.9 125.8

39 52.9 27.5 82.5

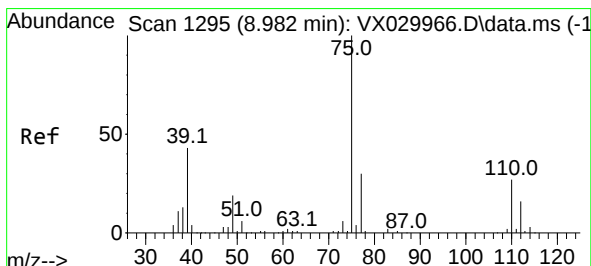
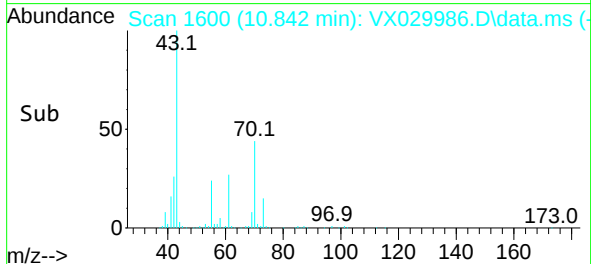
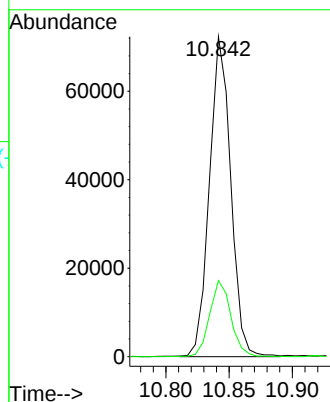
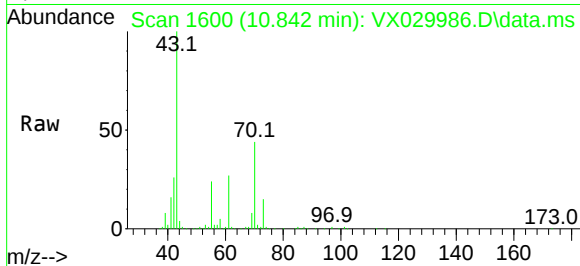




#47
n-amy1 Acetate
Concen: 16.948 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

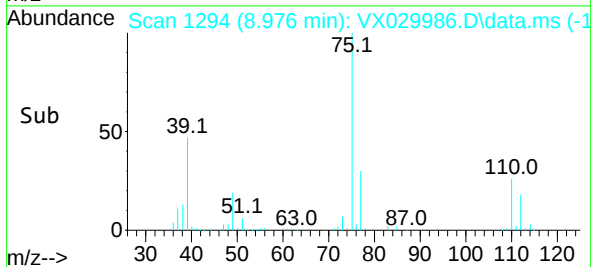
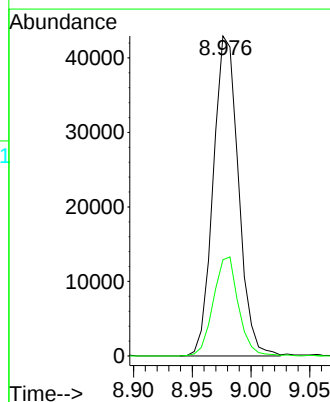
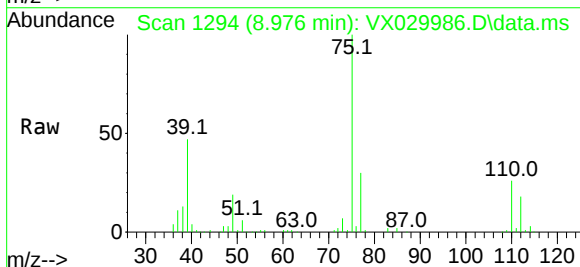
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

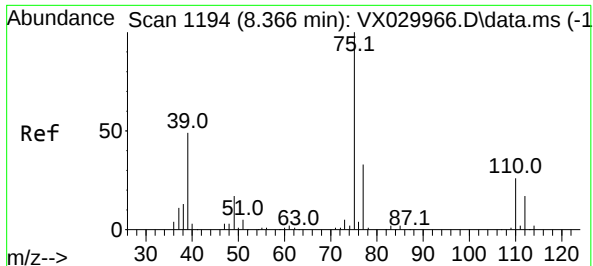
Tgt Ion: 43 Resp: 84762
Ion Ratio Lower Upper
43 100
55 23.4 20.4 30.6



#48
t-1,3-Dichloropropene
Concen: 19.473 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion: 75 Resp: 64248
Ion Ratio Lower Upper
75 100
77 30.1 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 19.527 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

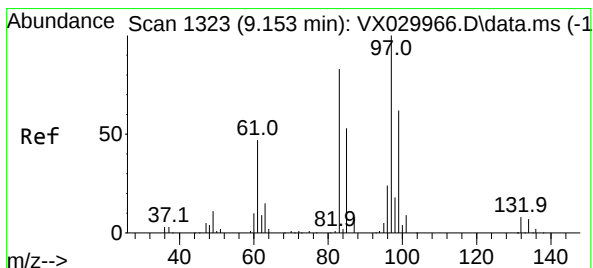
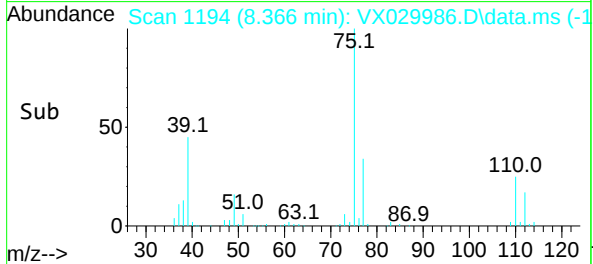
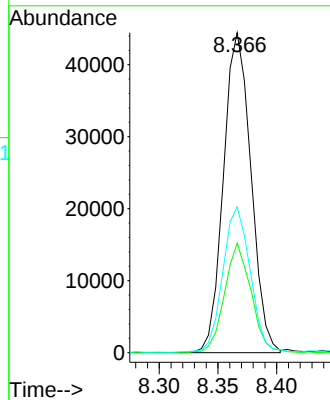
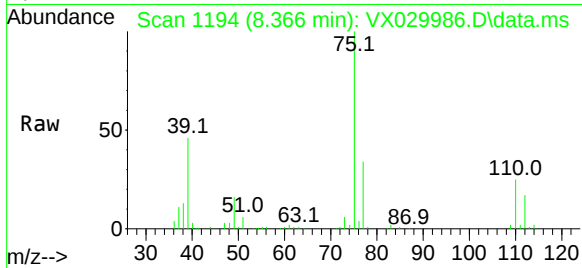
Tgt Ion: 75 Resp: 72348

Ion Ratio Lower Upper

75 100

77 34.2 25.2 37.8

39 45.3 37.4 56.0



#50

1,1,2-Trichloroethane

Concen: 19.006 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

Tgt Ion: 97 Resp: 47061

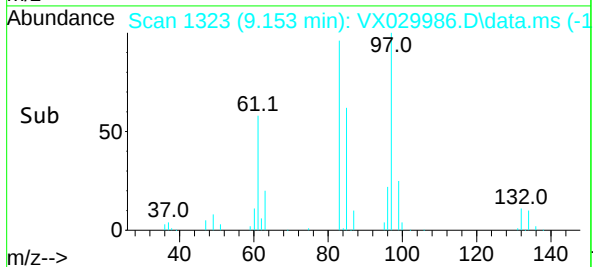
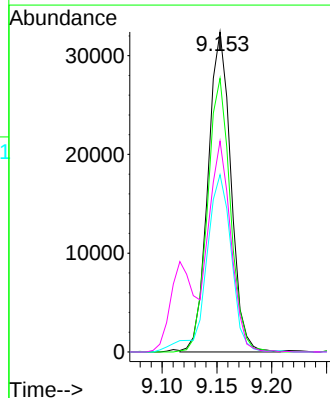
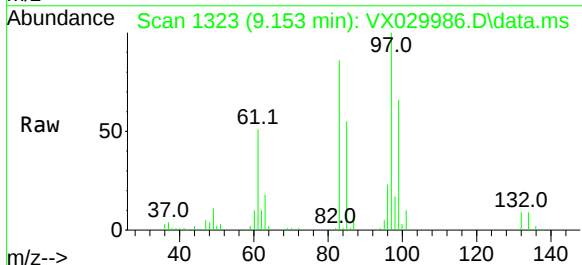
Ion Ratio Lower Upper

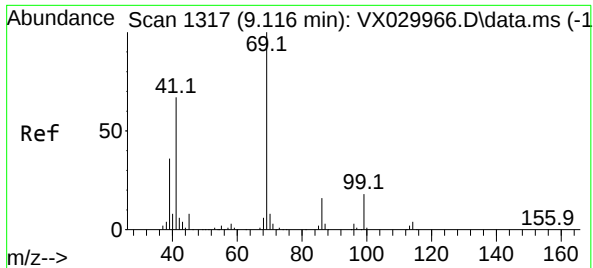
97 100

83 85.7 66.2 99.4

85 55.2 40.4 60.6

99 66.1 51.1 76.7

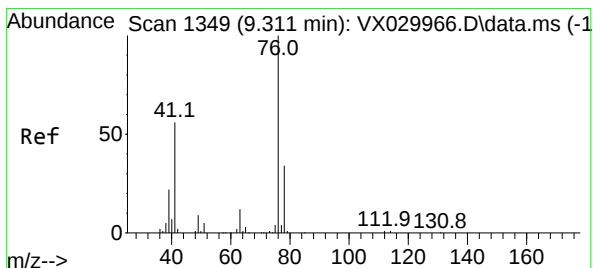
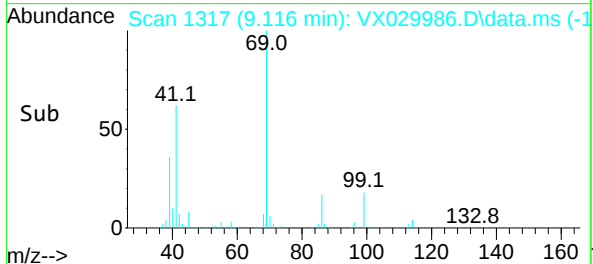
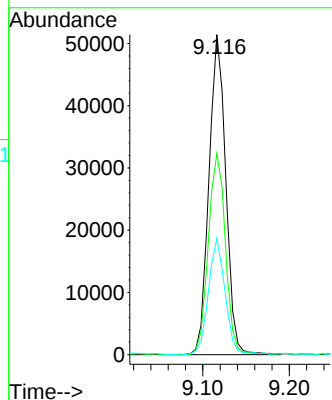
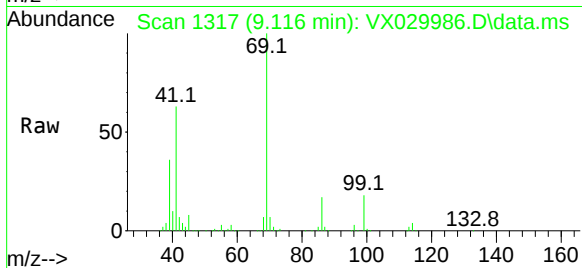




#51
Ethyl methacrylate
Concen: 18.047 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

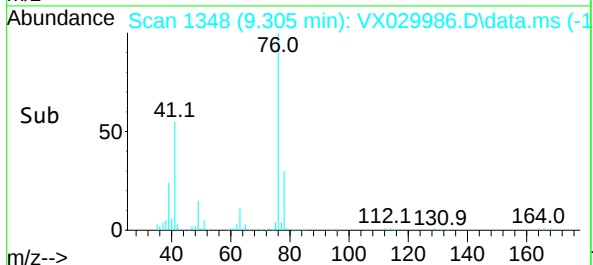
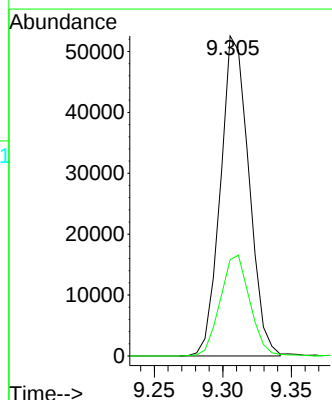
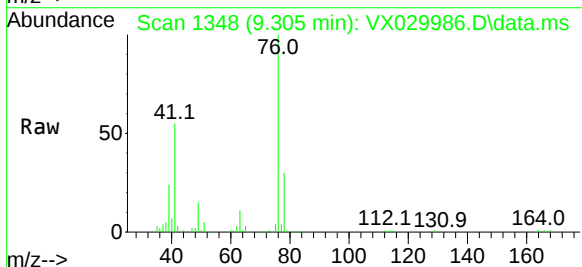
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

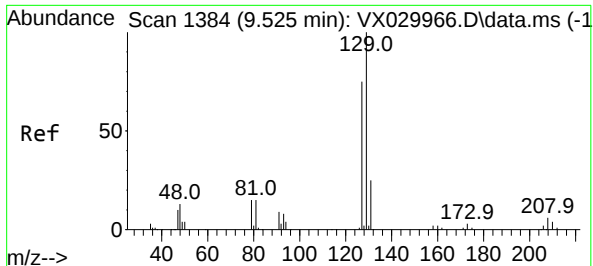
Tgt Ion: 69 Resp: 69537
Ion Ratio Lower Upper
69 100
41 62.9 32.1 96.5
39 36.1 18.3 54.9



#52
1,3-Dichloropropane
Concen: 19.035 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion: 76 Resp: 75815
Ion Ratio Lower Upper
76 100
78 32.8 0.0 64.4

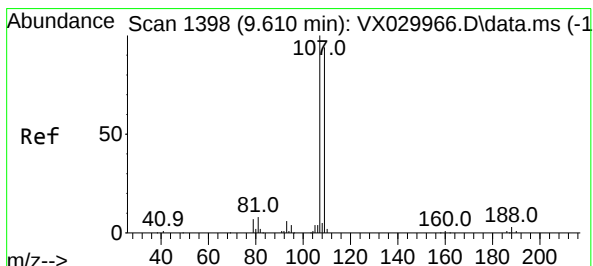
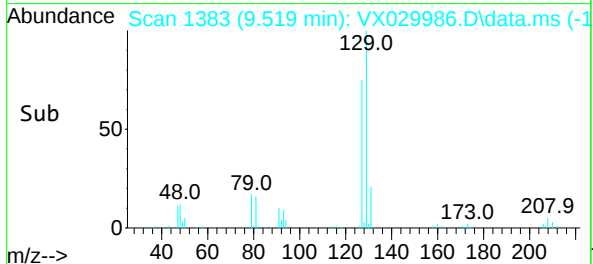
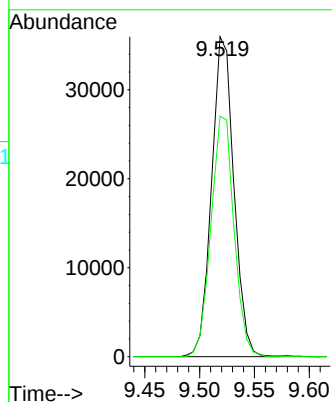
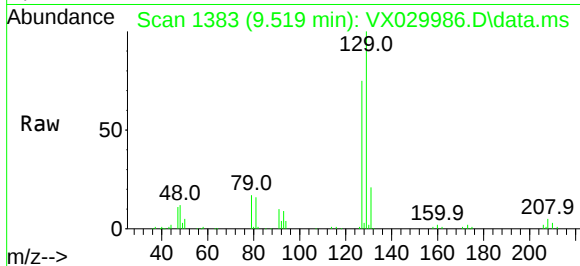




#53
Dibromochloromethane
Concen: 22.200 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

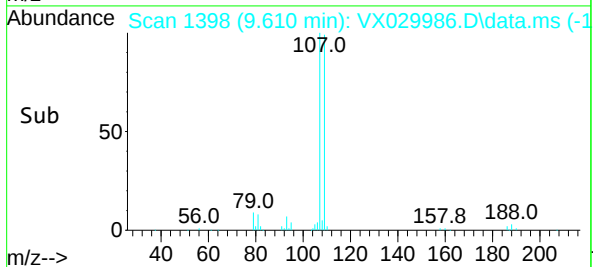
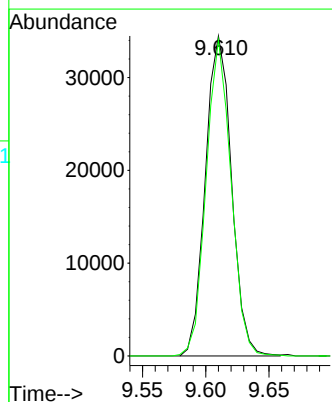
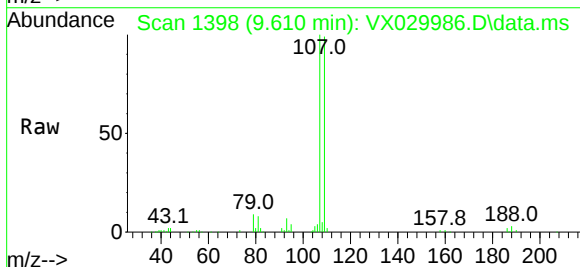
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

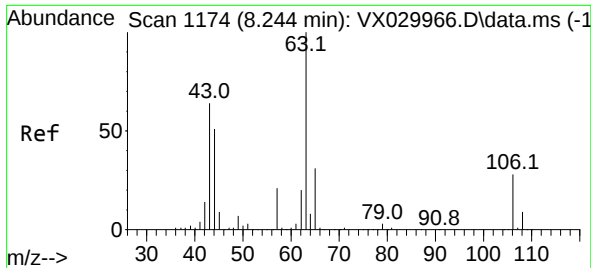
Tgt Ion:129 Resp: 50878
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.1



#54
1,2-Dibromoethane
Concen: 19.319 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion:107 Resp: 49676
Ion Ratio Lower Upper
107 100
109 94.1 76.2 114.4

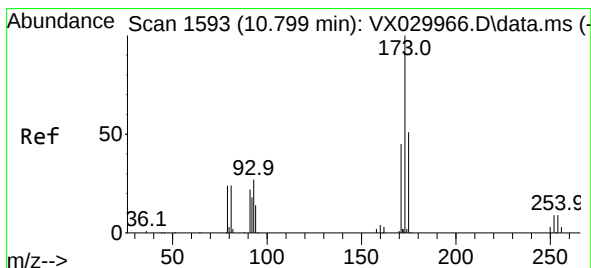
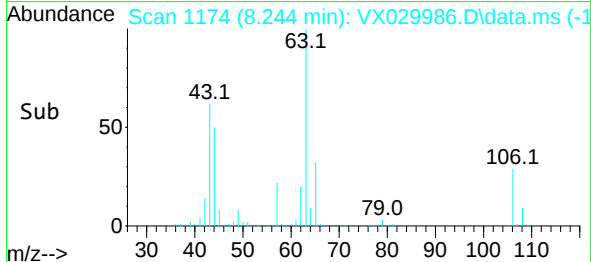
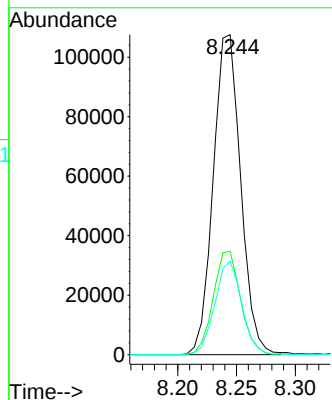
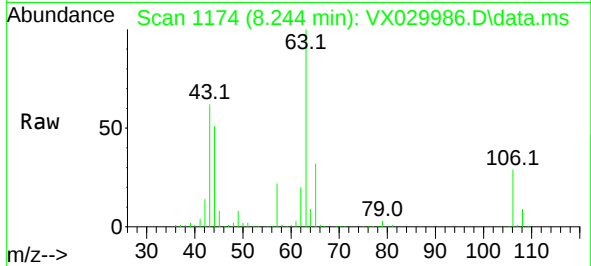




#55
2-Chloroethyl vinyl ether
Concen: 88.020 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

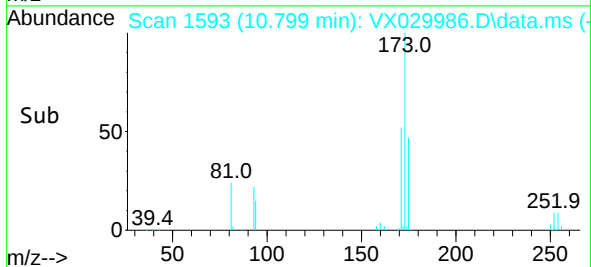
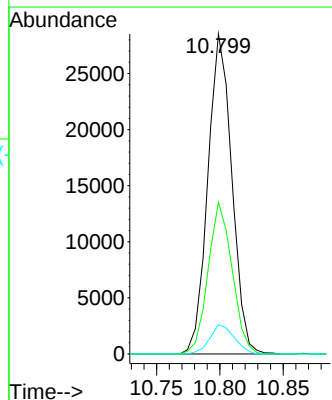
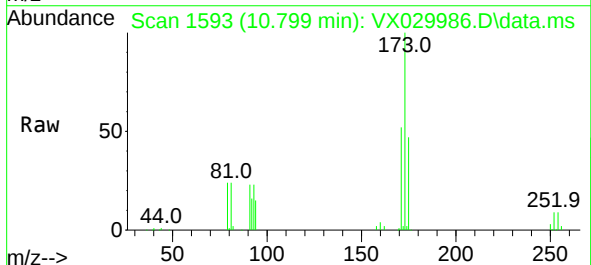
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

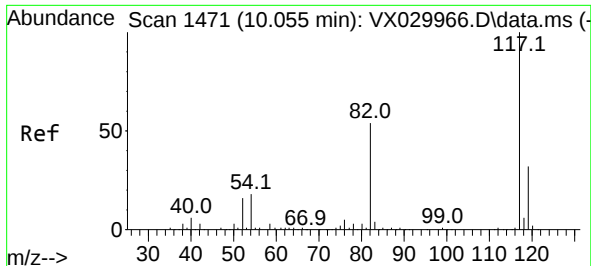
Tgt Ion: 63 Resp: 174829
Ion Ratio Lower Upper
63 100
65 32.1 25.9 38.9
106 28.5 25.8 38.6



#56
Bromoform
Concen: 23.469 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion: 173 Resp: 37652
Ion Ratio Lower Upper
173 100
175 47.5 40.3 60.5
254 9.3 7.4 11.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

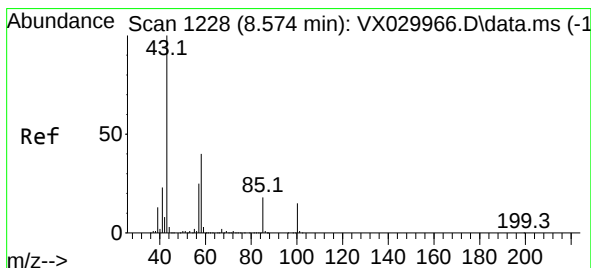
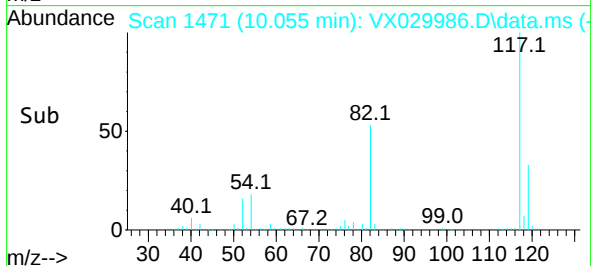
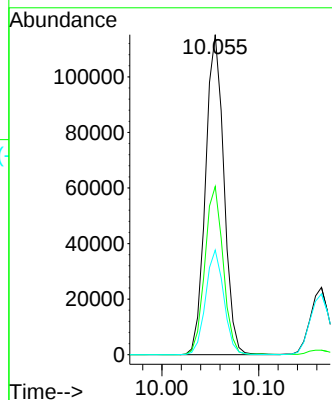
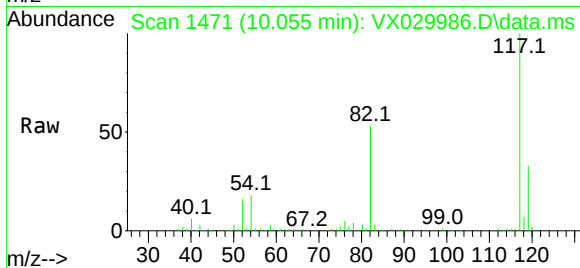
Tgt Ion:117 Resp: 152578

Ion Ratio Lower Upper

117 100

82 52.2 42.3 63.5

119 32.5 26.2 39.2



#58

4-Methyl-2-Pentanone

Concen: 92.796 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

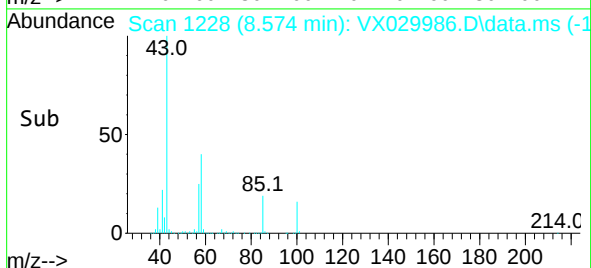
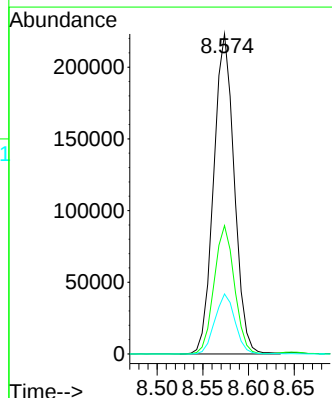
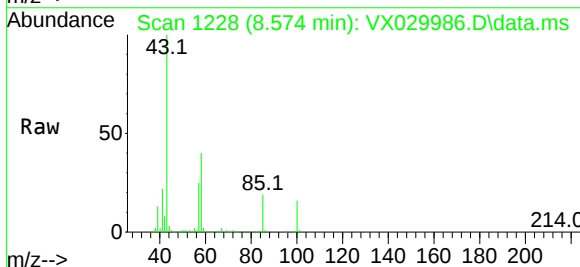
Tgt Ion: 43 Resp: 349729

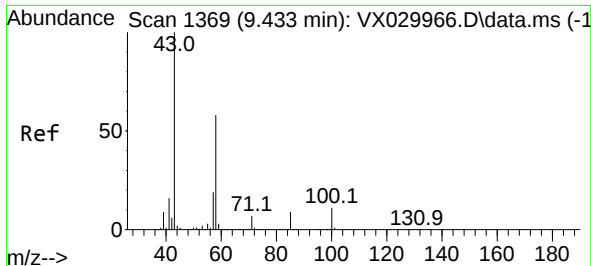
Ion Ratio Lower Upper

43 100

58 39.6 31.8 47.6

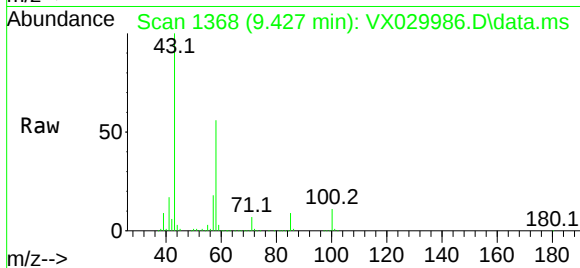
85 18.3 15.8 23.6



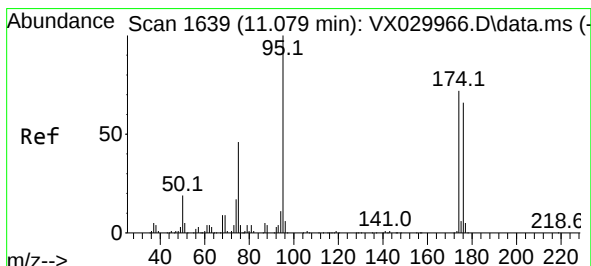
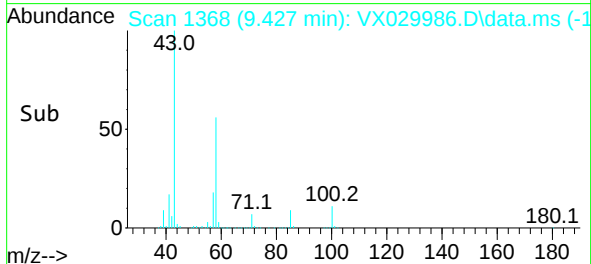
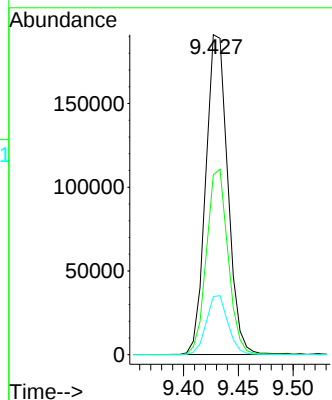


#59
2-Hexanone
Concen: 91.722 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

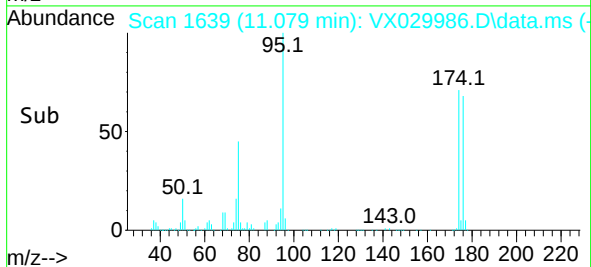
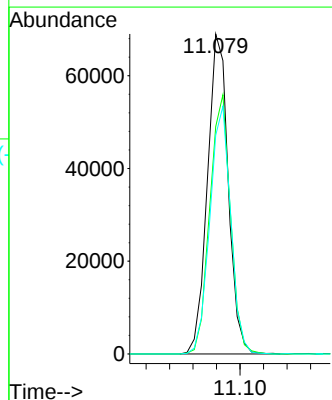
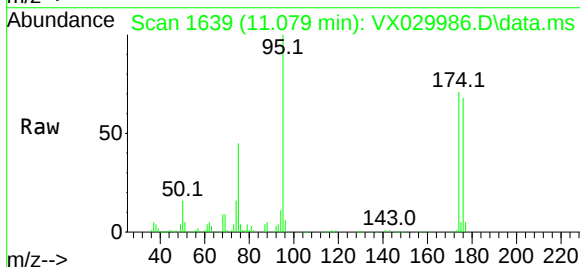


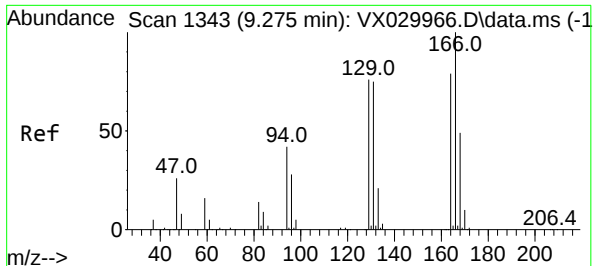
Tgt Ion: 43 Resp: 267368
Ion Ratio Lower Upper
43 100
58 56.7 44.1 66.1
57 18.2 16.2 24.2



#60
4-Bromofluorobenzene
Concen: 29.497 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion: 95 Resp: 84816
Ion Ratio Lower Upper
95 100
174 80.2 65.4 98.2
176 77.5 63.4 95.0

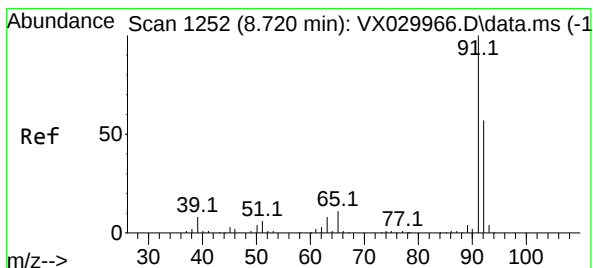
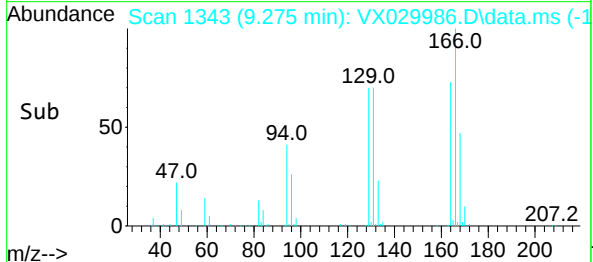
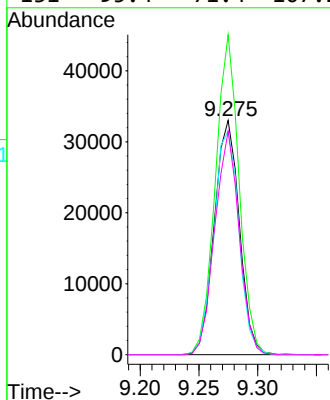
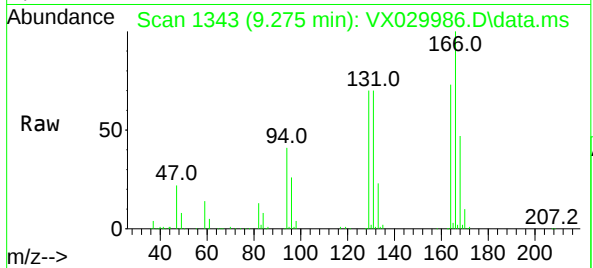




#61
Tetrachloroethene
Concen: 21.365 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

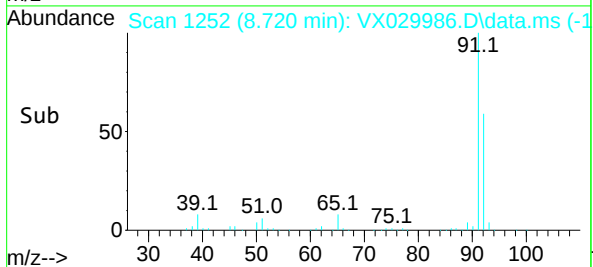
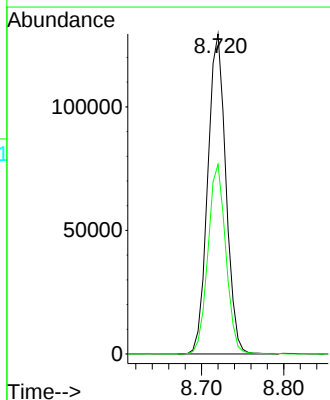
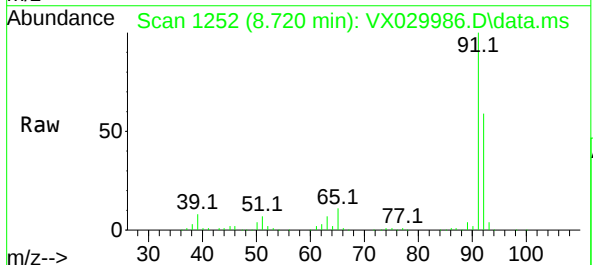
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

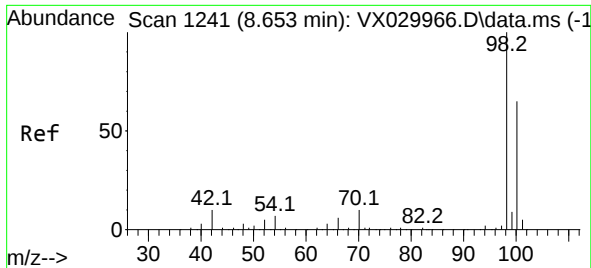
Tgt Ion:164 Resp: 48946
Ion Ratio Lower Upper
164 100
166 136.7 105.0 157.6
129 95.5 78.5 117.7
131 95.4 71.4 107.2



#62
Toluene
Concen: 19.555 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion: 91 Resp: 198473
Ion Ratio Lower Upper
91 100
92 58.1 48.1 72.1

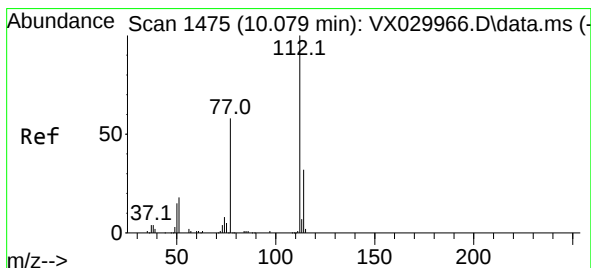
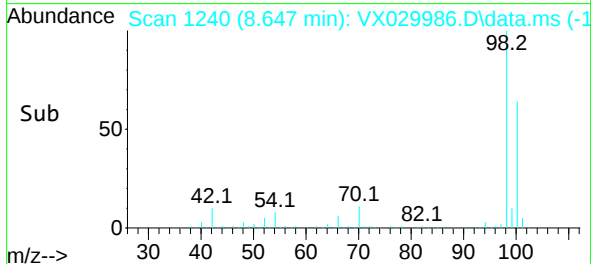
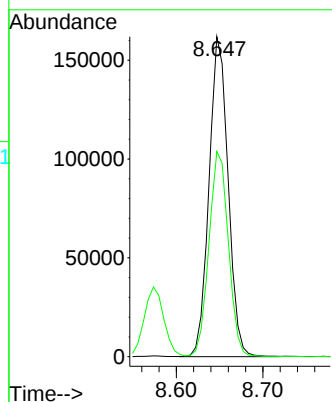
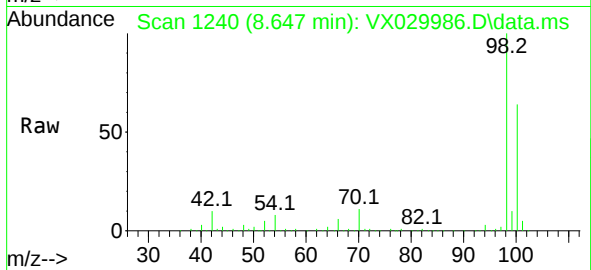




#63
Toluene-d8
Concen: 29.924 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

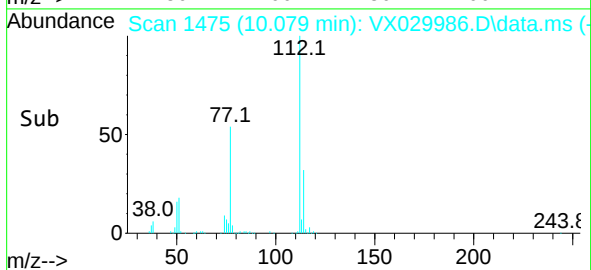
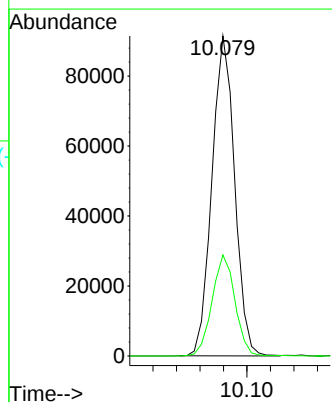
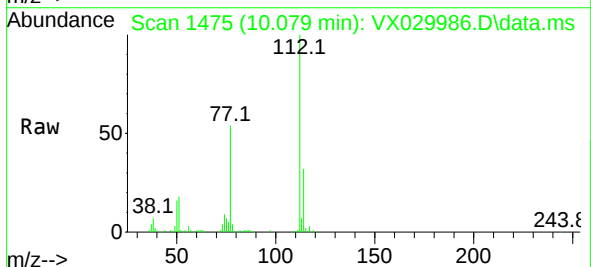
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

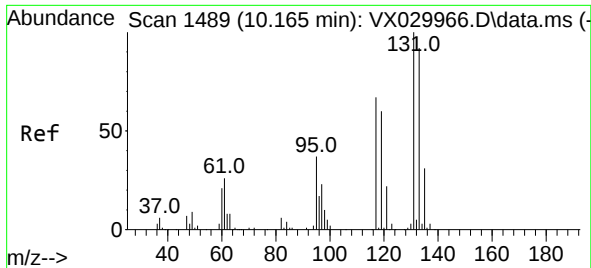
Tgt Ion: 98 Resp: 247579
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.2



#64
Chlorobenzene
Concen: 20.230 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion: 112 Resp: 122622
Ion Ratio Lower Upper
112 100
114 31.6 26.0 39.0

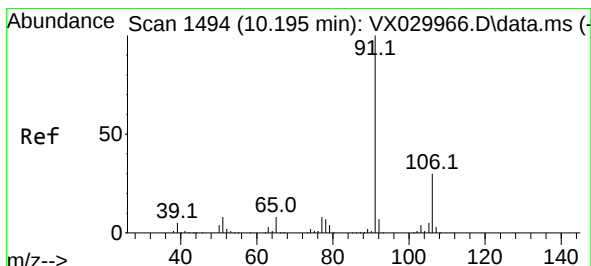
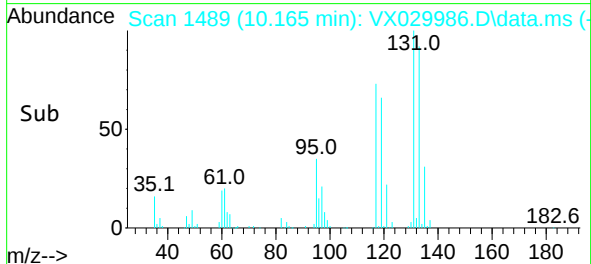
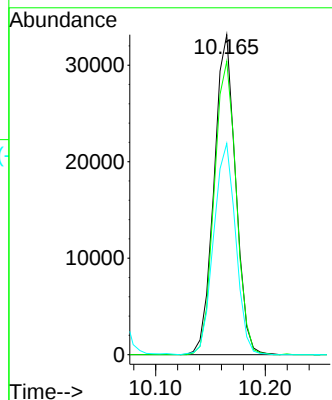
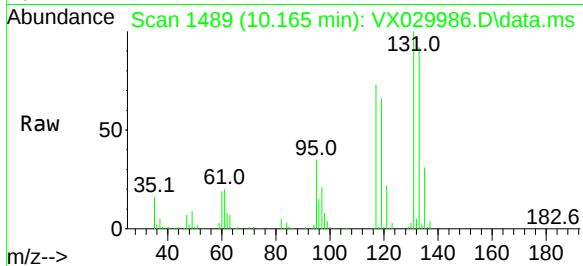




#65
1,1,1,2-Tetrachloroethane
Concen: 21.455 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

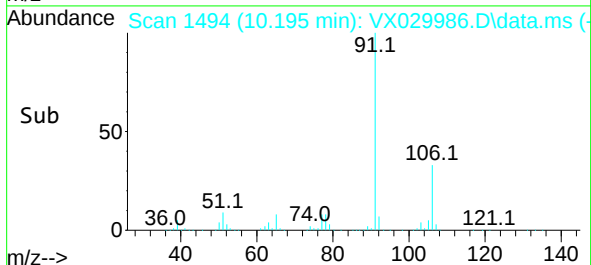
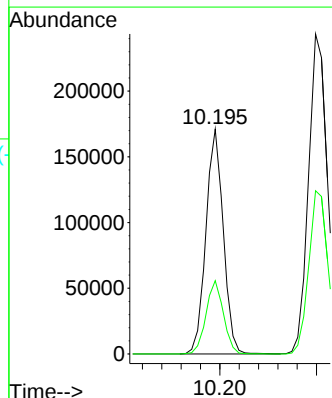
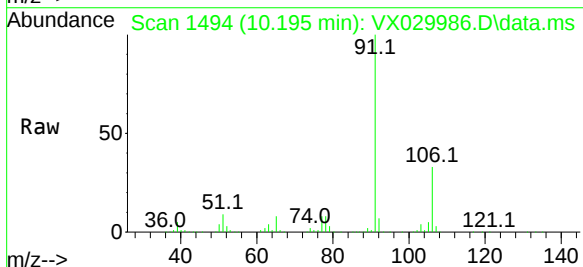
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

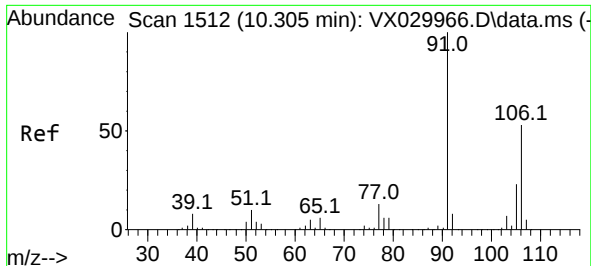
Tgt Ion:131 Resp: 45349
Ion Ratio Lower Upper
131 100
133 93.1 0.0 197.2
119 67.3 0.0 127.4



#66
Ethyl Benzene
Concen: 19.853 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion: 91 Resp: 214130
Ion Ratio Lower Upper
91 100
106 32.6 25.8 38.8





#67

m/p-Xylenes

Concen: 40.485 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

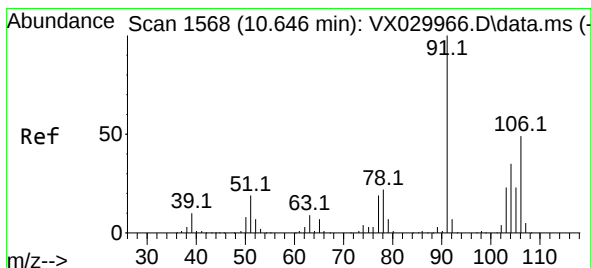
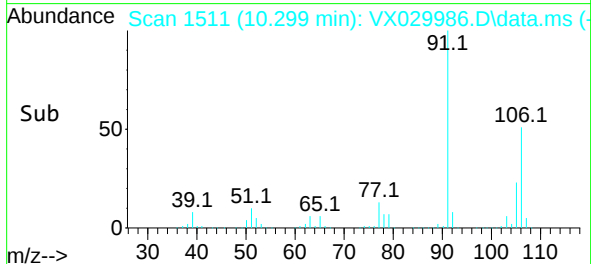
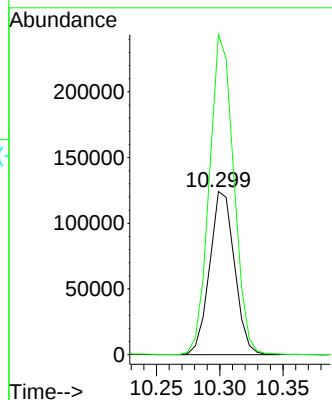
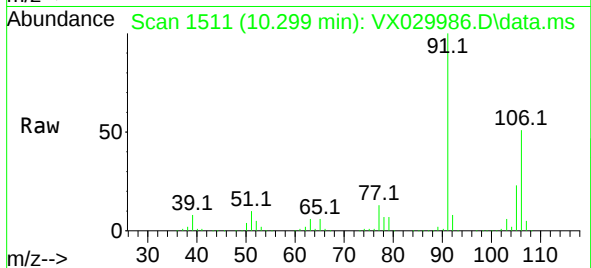
VSTDCCC020

Tgt Ion:106 Resp: 169445

Ion Ratio Lower Upper

106 100

91 193.6 159.5 239.3



#68

o-Xylene

Concen: 19.750 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VX029986.D

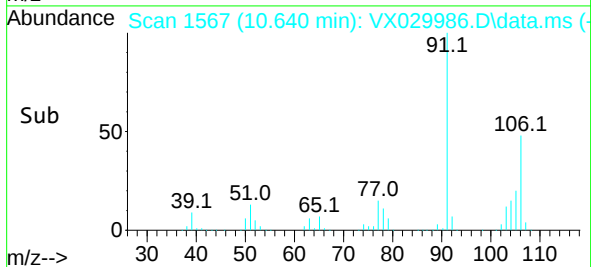
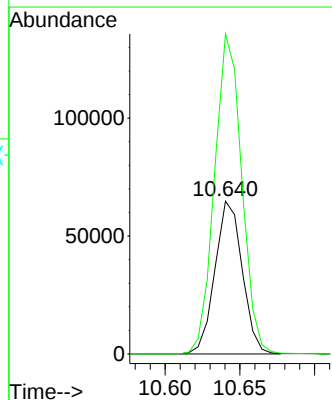
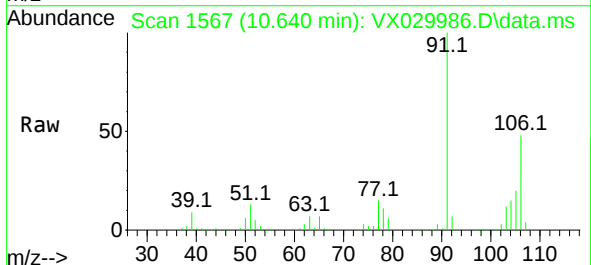
Acq: 11 Jul 2022 09:52

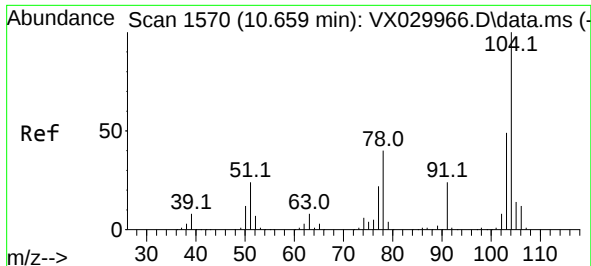
Tgt Ion:106 Resp: 82317

Ion Ratio Lower Upper

106 100

91 208.8 105.4 316.2

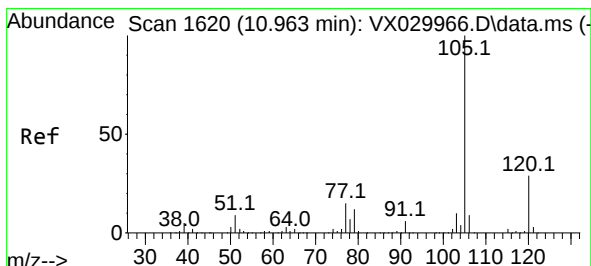
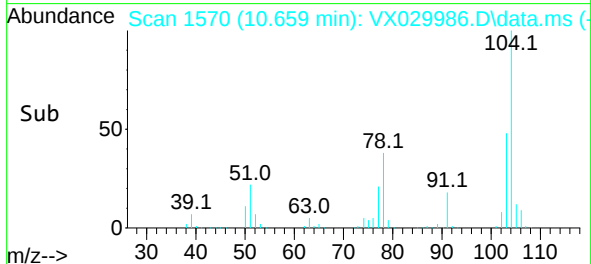
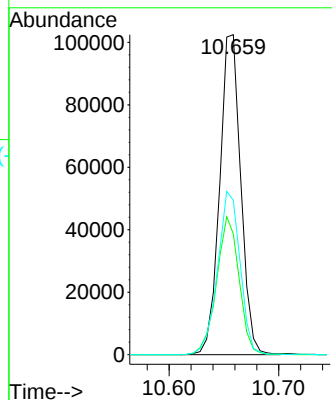
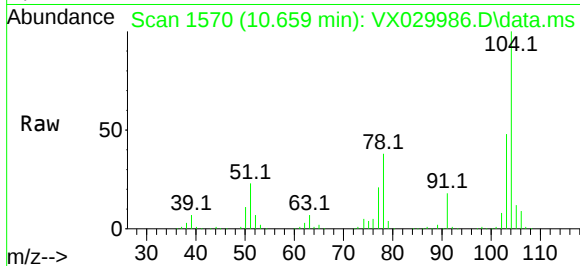




#69
Styrene
Concen: 19.930 ug/l
RT: 10.659 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

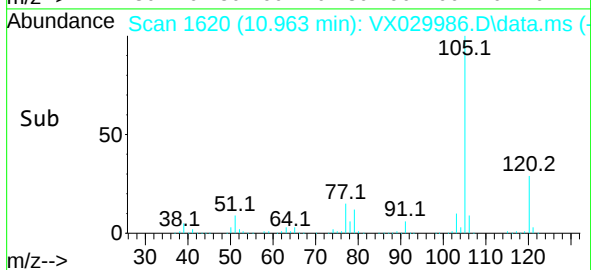
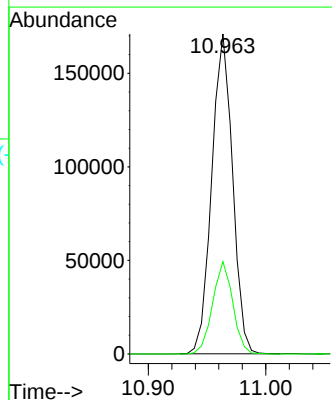
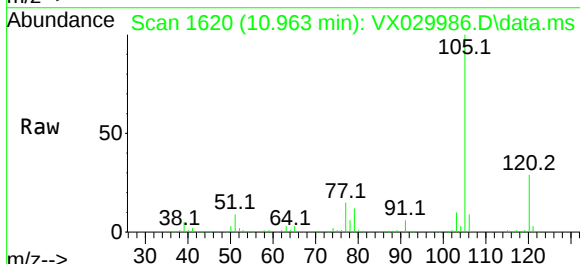
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

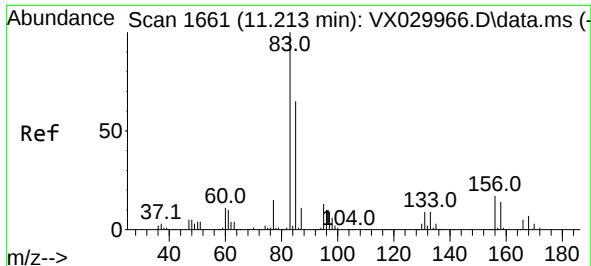
Tgt Ion:104 Resp: 137461
Ion Ratio Lower Upper
104 100
78 45.7 39.7 59.5
103 54.4 42.7 64.1



#70
Isopropylbenzene
Concen: 20.042 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion:105 Resp: 210317
Ion Ratio Lower Upper
105 100
120 27.9 18.8 34.8

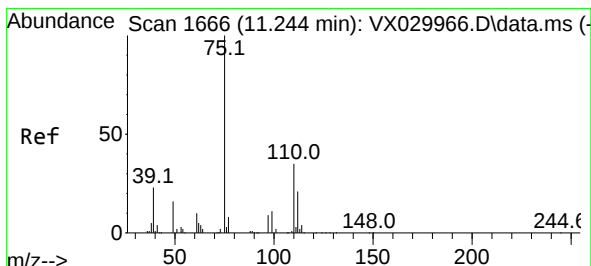
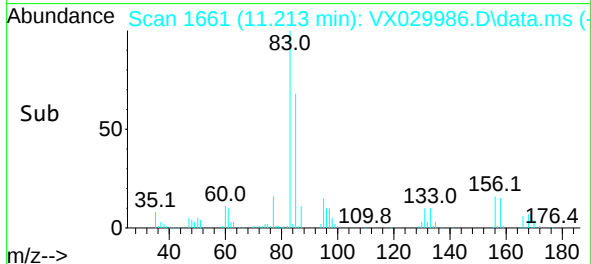
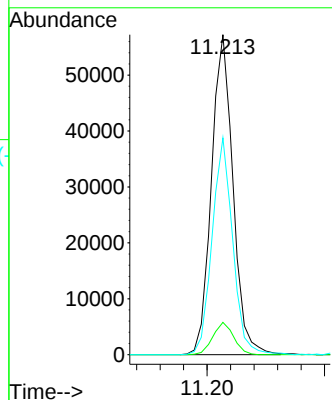
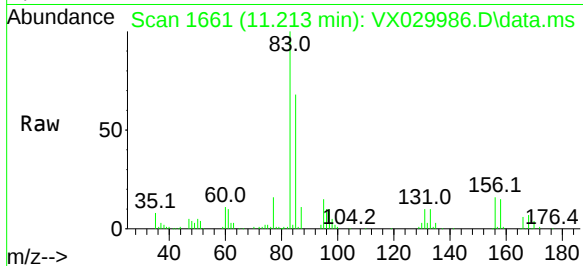




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.086 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX029986.D
 Acq: 11 Jul 2022 09:52

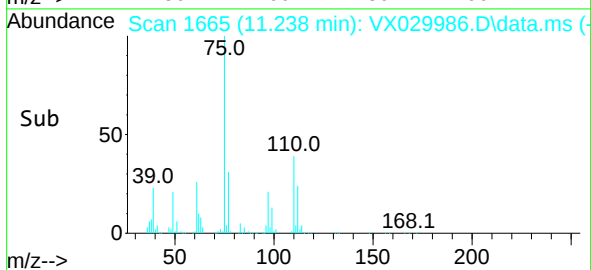
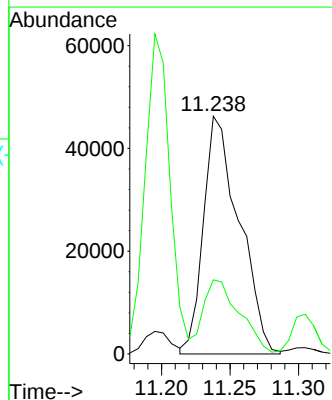
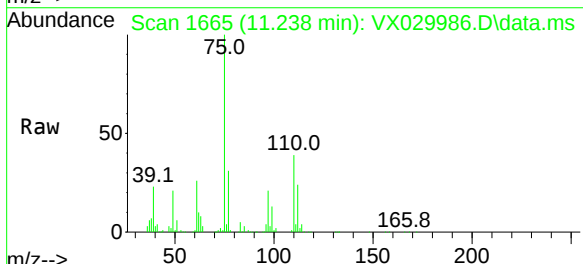
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

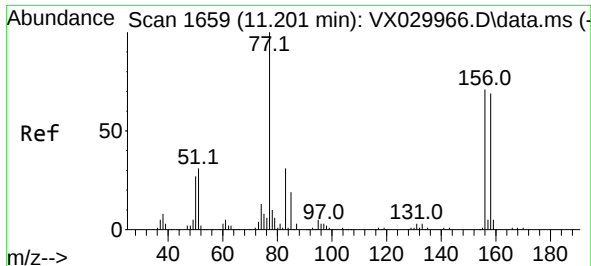
Tgt Ion: 83 Resp: 72833
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.8 17.3
 85 64.9 32.0 96.2



#72
 1,2,3-Trichloropropane
 Concen: 24.553 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: VX029986.D
 Acq: 11 Jul 2022 09:52

Tgt Ion: 75 Resp: 84222
 Ion Ratio Lower Upper
 75 100
 77 31.2 0.0 78.6

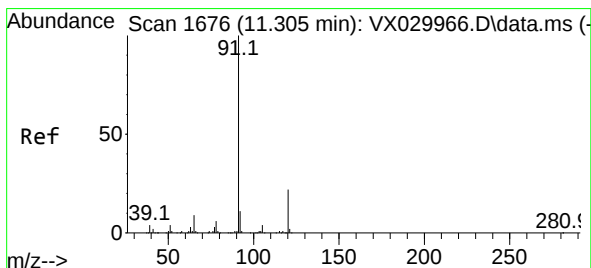
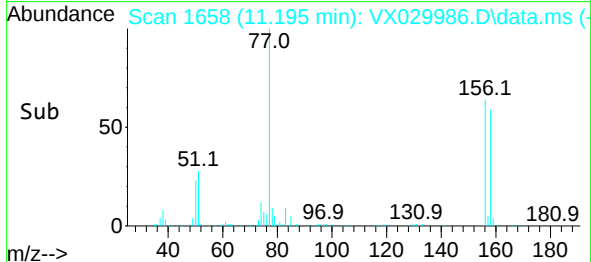
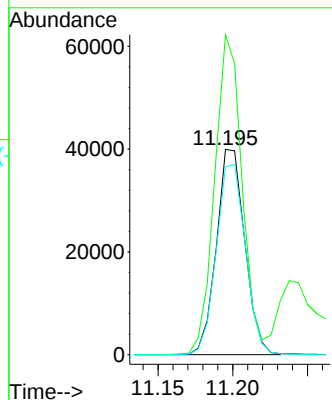
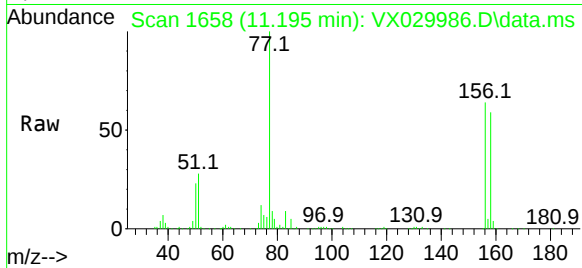




#73
Bromobenzene
Concen: 20.972 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

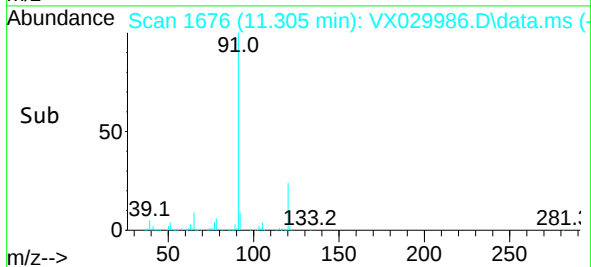
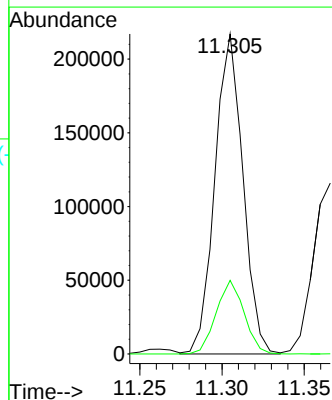
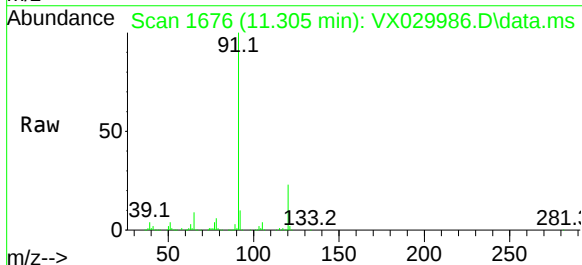
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

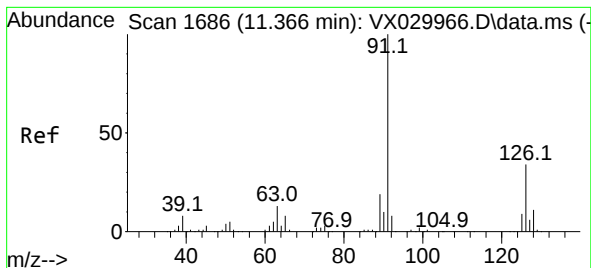
Tgt Ion:156 Resp: 52773
Ion Ratio Lower Upper
156 100
77 148.7 0.0 297.6
158 95.1 0.0 188.4



#74
n-propylbenzene
Concen: 20.408 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion: 91 Resp: 256901
Ion Ratio Lower Upper
91 100
120 22.9 0.0 48.0





#75

2-Chlorotoluene

Concen: 19.852 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

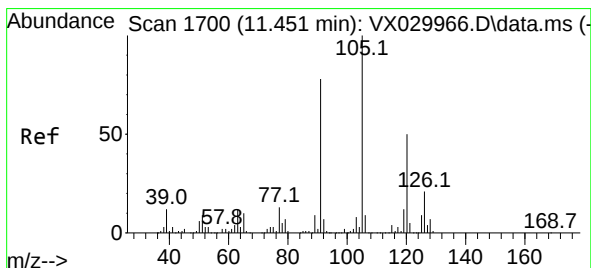
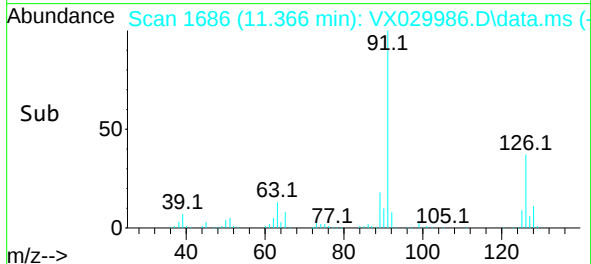
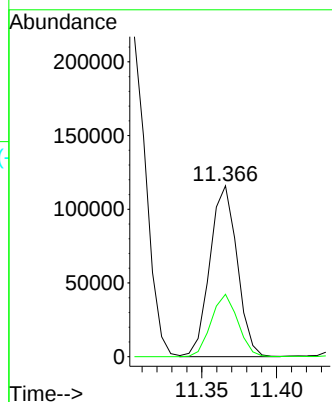
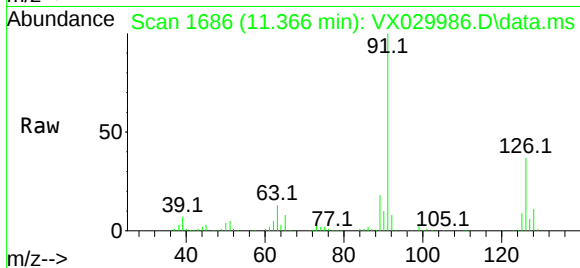
VSTDCCC020

Tgt Ion: 91 Resp: 147161

Ion Ratio Lower Upper

91 100

126 35.7 0.0 68.6



#76

1,3,5-Trimethylbenzene

Concen: 19.840 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX029986.D

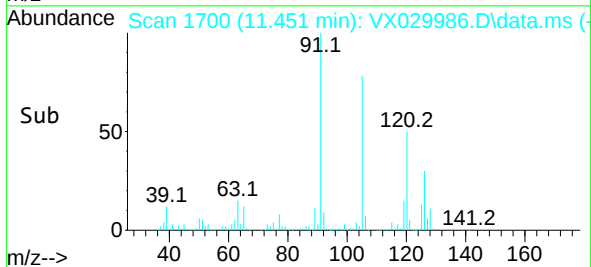
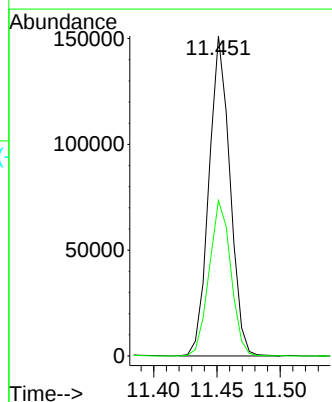
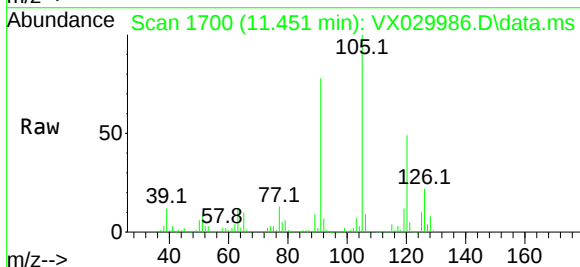
Acq: 11 Jul 2022 09:52

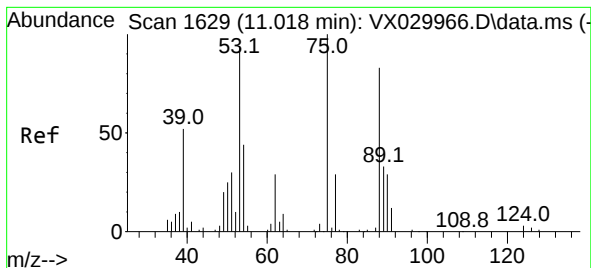
Tgt Ion: 105 Resp: 174798

Ion Ratio Lower Upper

105 100

120 50.0 0.0 98.0

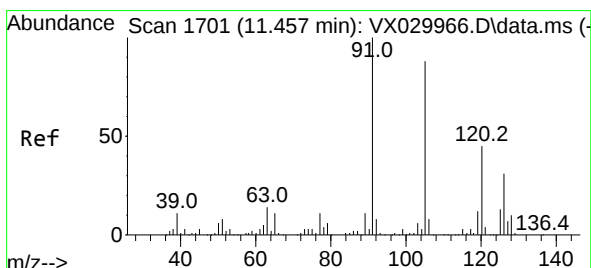
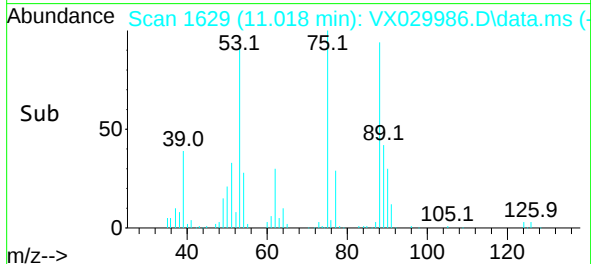
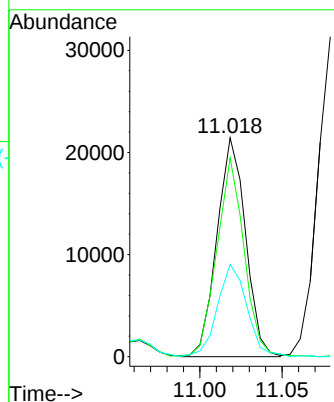
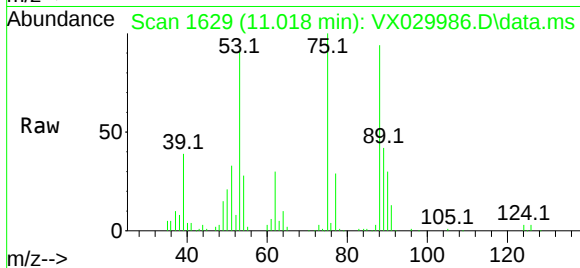




#77
t-1,4-Dichloro-2-butene
Concen: 21.969 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

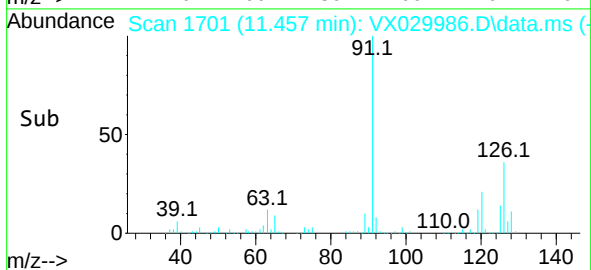
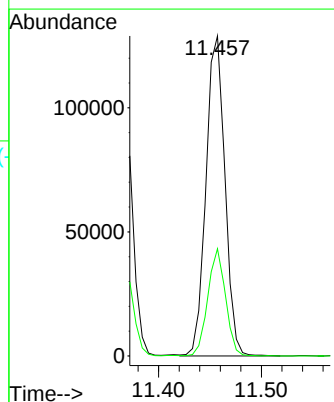
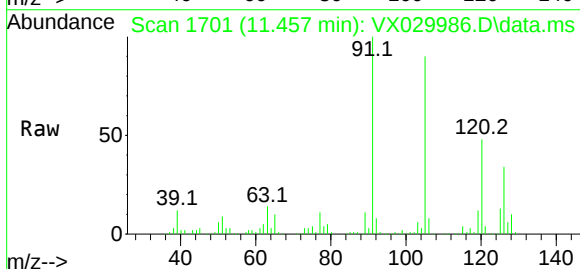
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

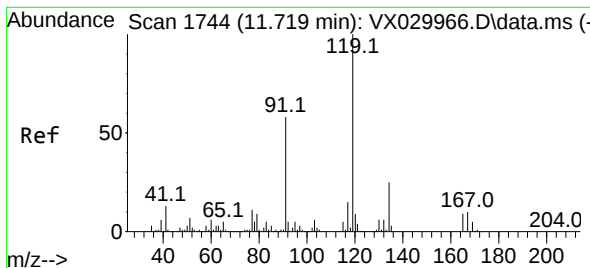
Tgt Ion:	75	Resp:	25920
Ion	Ratio	Lower	Upper
75	100		
53	90.7	59.7	179.1
89	42.3	23.1	69.2



#78
4-Chlorotoluene
Concen: 19.880 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion:	91	Resp:	165397
Ion	Ratio	Lower	Upper
91	100		
126	31.3	0.0	59.8

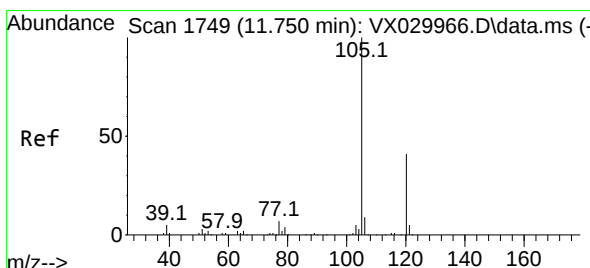
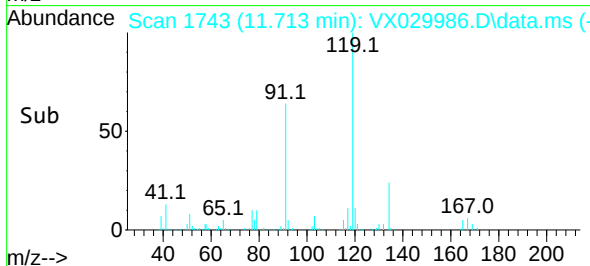
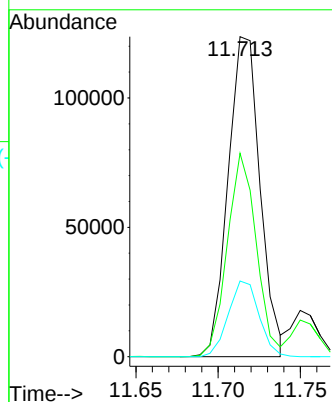
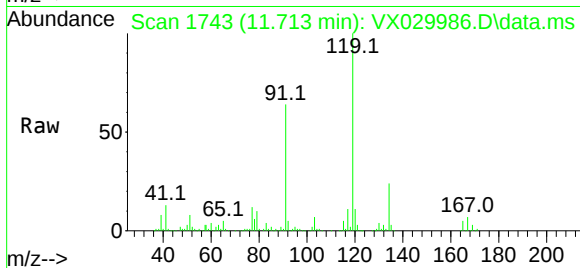




#79
tert-butylbenzene
Concen: 19.521 ug/l
RT: 11.713 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

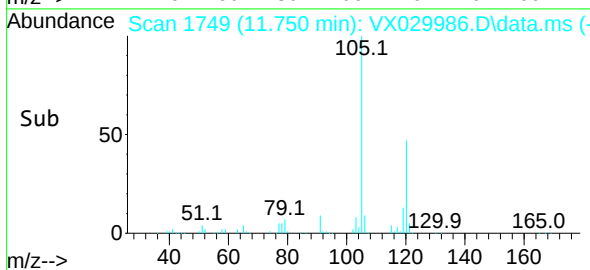
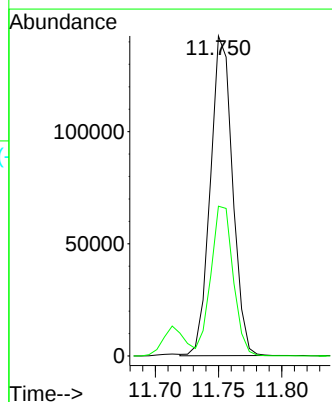
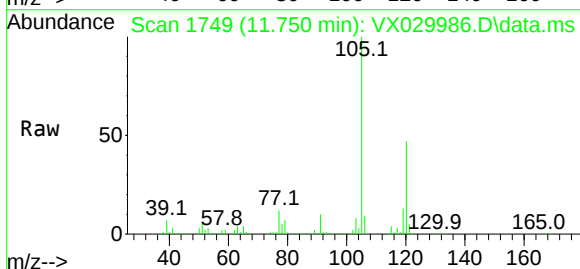
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

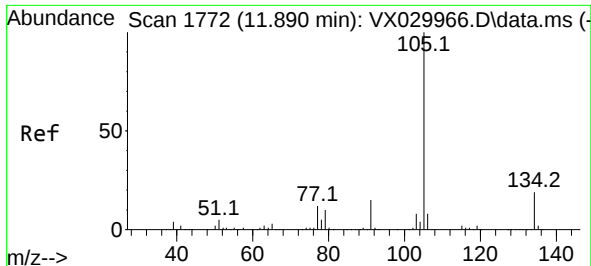
Tgt Ion:119 Resp: 167316
Ion Ratio Lower Upper
119 100
91 57.8 0.0 119.4
134 22.8 0.0 48.4



#80
1,2,4-Trimethylbenzene
Concen: 19.219 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion:105 Resp: 174077
Ion Ratio Lower Upper
105 100
120 47.2 0.0 89.6

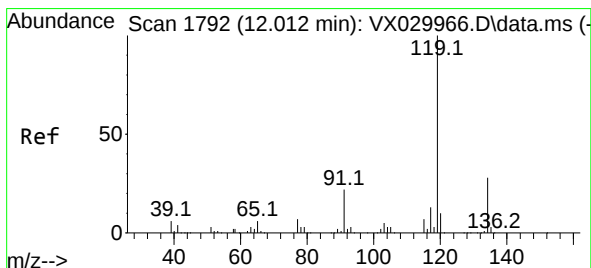
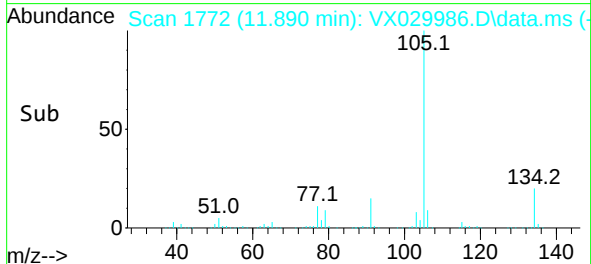
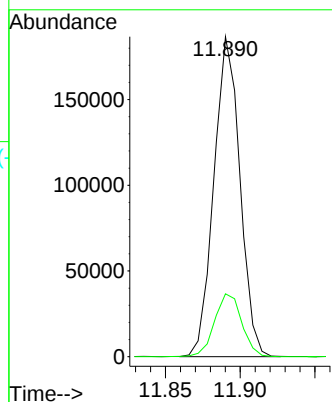
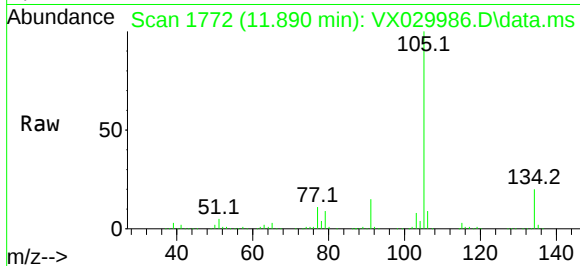




#81
 sec-Butylbenzene
 Concen: 19.488 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX029986.D
 Acq: 11 Jul 2022 09:52

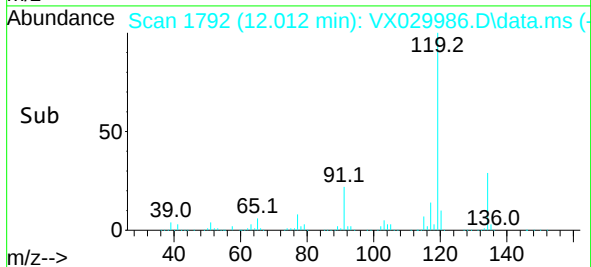
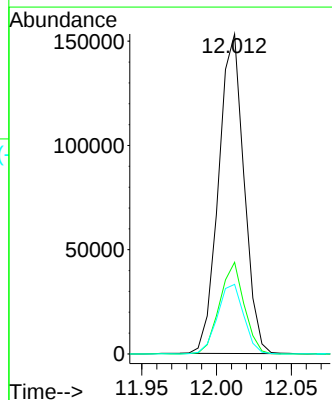
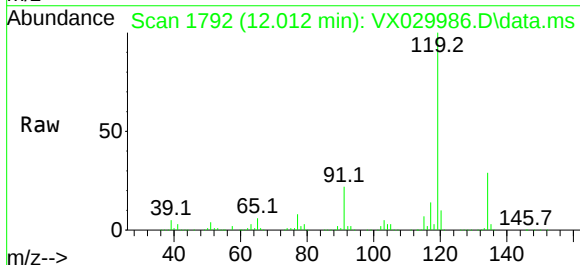
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

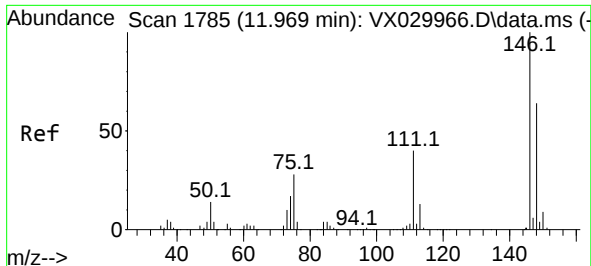
Tgt Ion:105 Resp: 226095
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 19.363 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX029986.D
 Acq: 11 Jul 2022 09:52

Tgt Ion:119 Resp: 180851
 Ion Ratio Lower Upper
 119 100
 134 27.8 0.0 52.4
 91 22.6 0.0 47.2

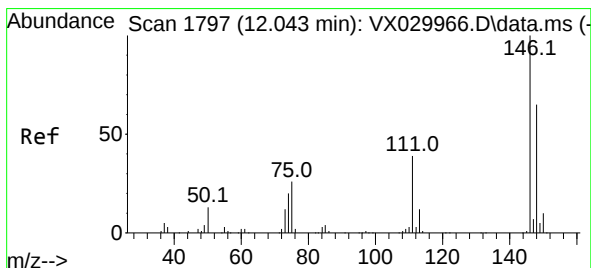
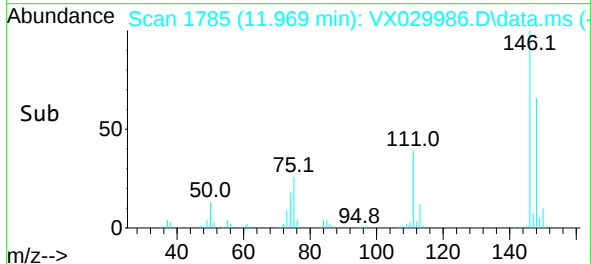
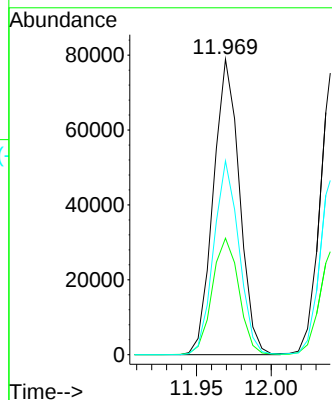
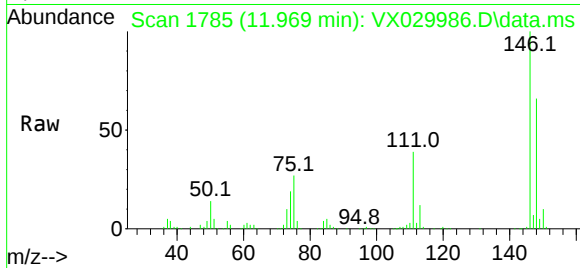




#83
1,3-Dichlorobenzene
Concen: 19.723 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

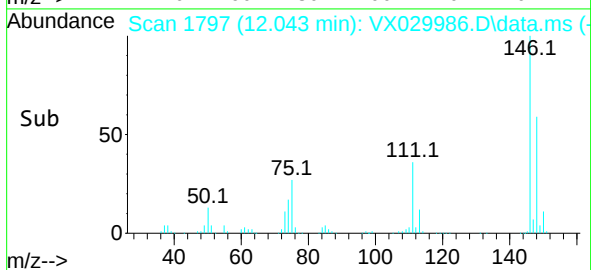
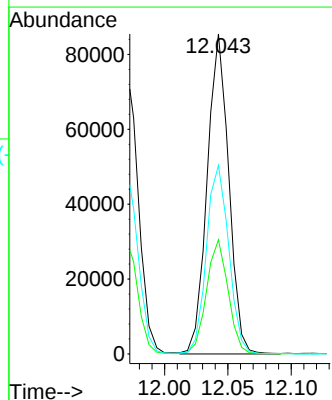
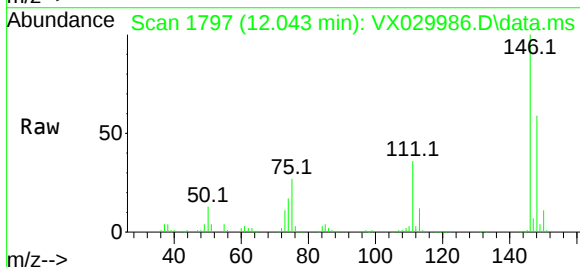
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

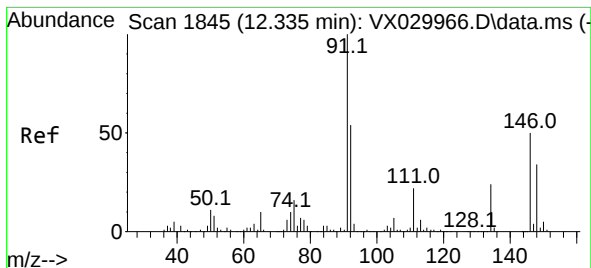
Tgt Ion:146 Resp: 96021
Ion Ratio Lower Upper
146 100
111 40.2 19.8 59.4
148 63.3 31.6 94.8



#84
1,4-Dichlorobenzene
Concen: 20.555 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion:146 Resp: 101489
Ion Ratio Lower Upper
146 100
111 36.0 19.2 57.6
148 61.0 32.3 96.8





#85

n-Butylbenzene

Concen: 18.911 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

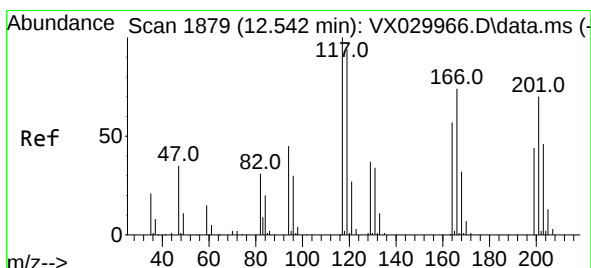
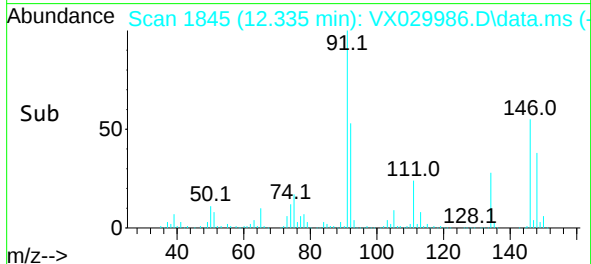
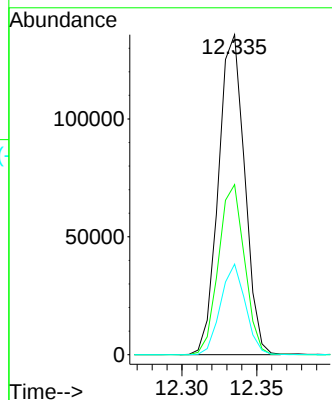
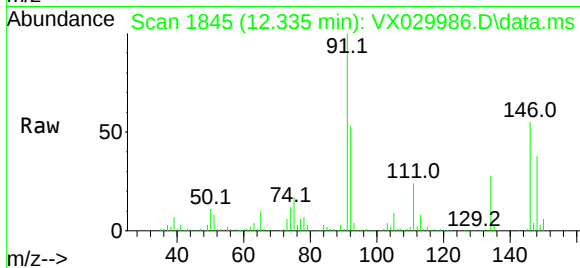
Tgt Ion: 91 Resp: 165751

Ion Ratio Lower Upper

91 100

92 52.8 0.0 109.4

134 26.8 0.0 56.4



#86

Hexachloroethane

Concen: 22.418 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX029986.D

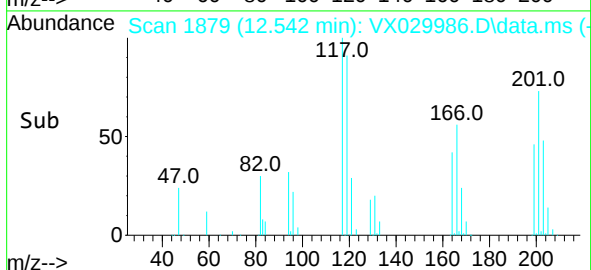
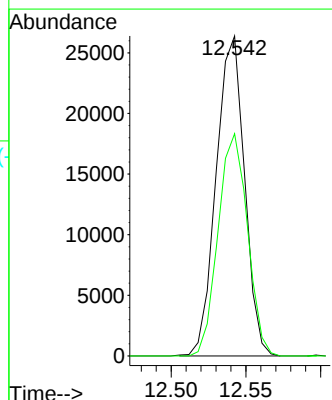
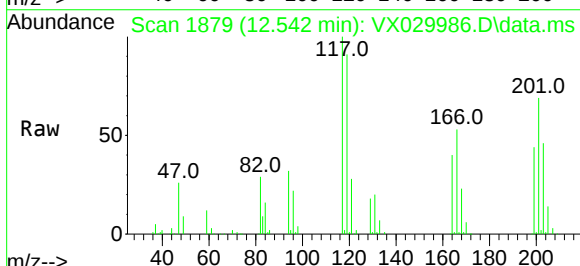
Acq: 11 Jul 2022 09:52

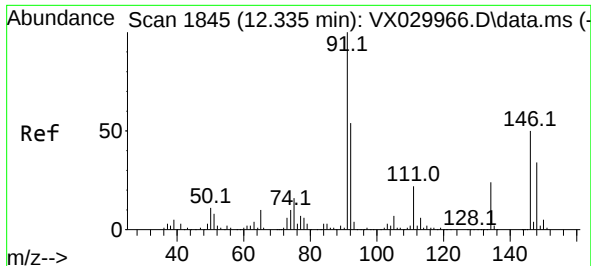
Tgt Ion: 117 Resp: 34788

Ion Ratio Lower Upper

117 100

201 71.9 39.5 118.5

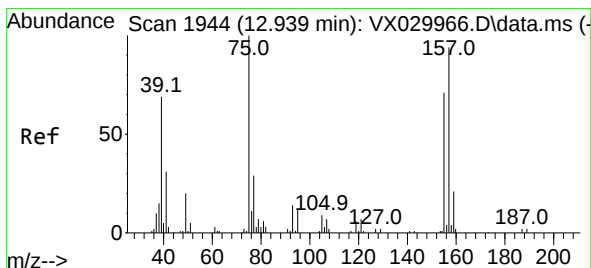
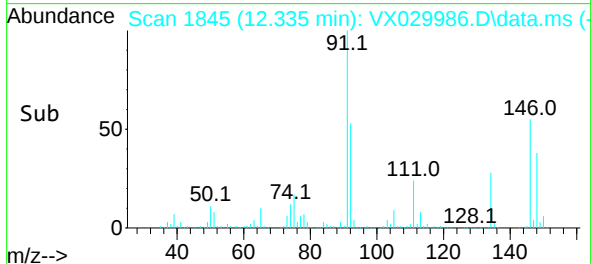
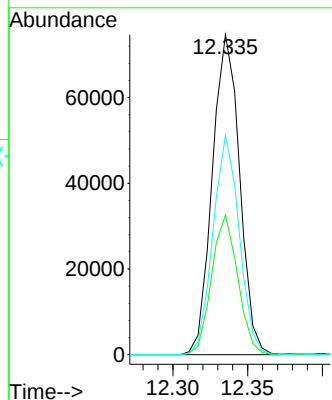
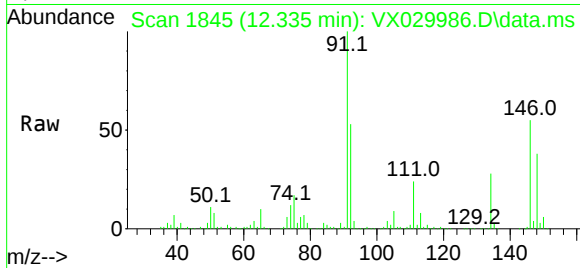




#87
 1,2-Dichlorobenzene
 Concen: 19.717 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX029986.D
 Acq: 11 Jul 2022 09:52

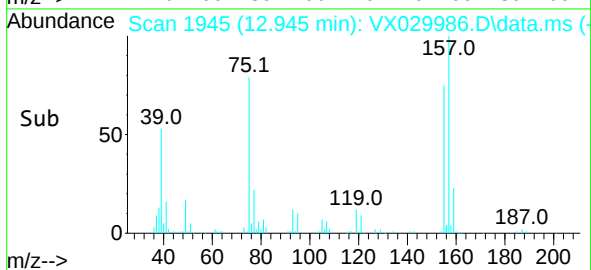
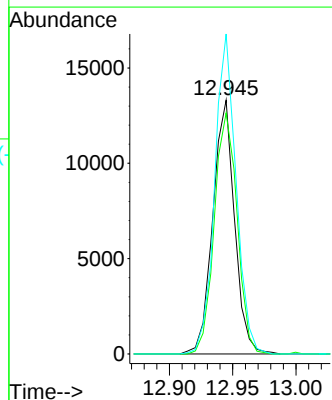
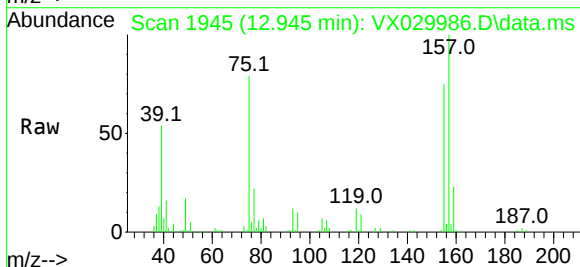
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

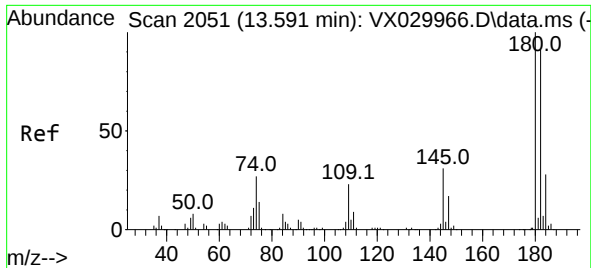
Tgt Ion:146 Resp: 94790
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.1 63.3
 148 66.0 31.4 94.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.281 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VX029986.D
 Acq: 11 Jul 2022 09:52

Tgt Ion: 75 Resp: 15909
 Ion Ratio Lower Upper
 75 100
 155 99.3 74.3 111.5
 157 123.4 97.3 145.9

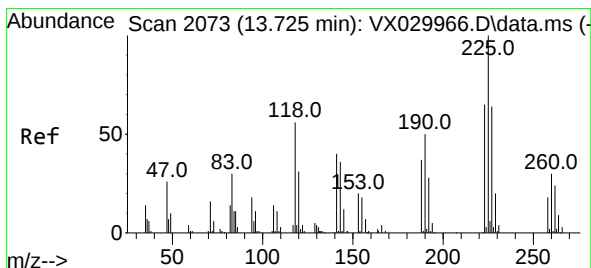
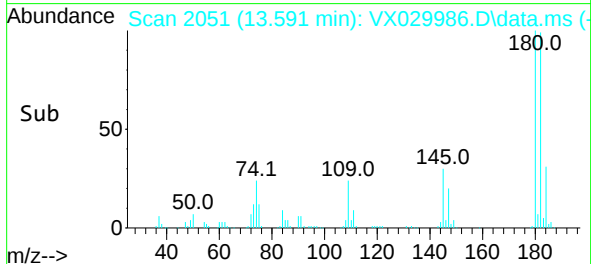
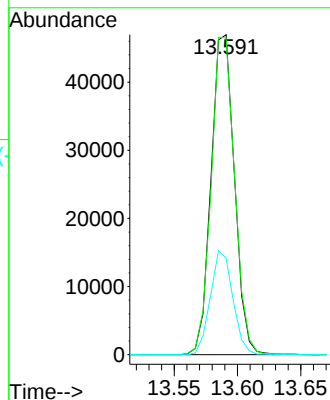
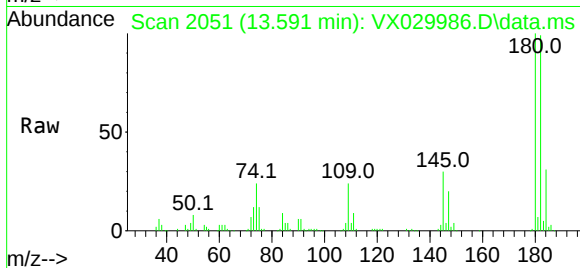




#89
1,2,4-Trichlorobenzene
Concen: 20.241 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

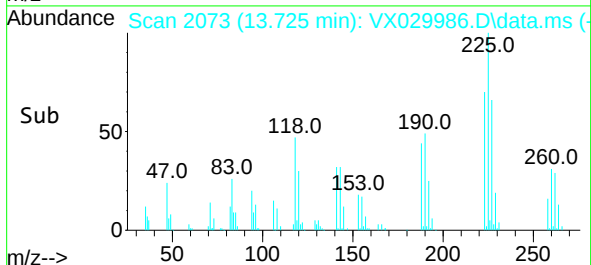
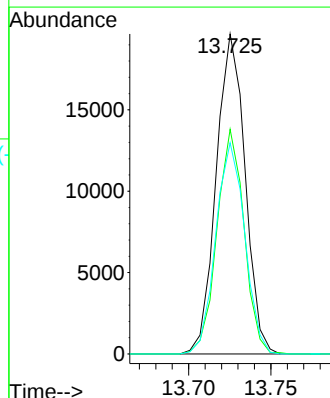
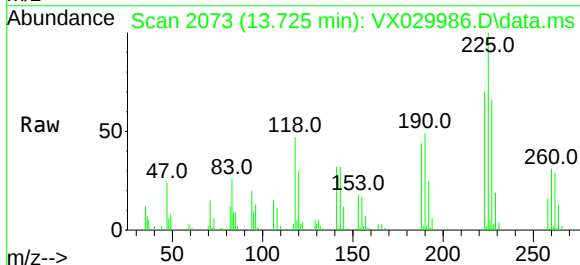
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

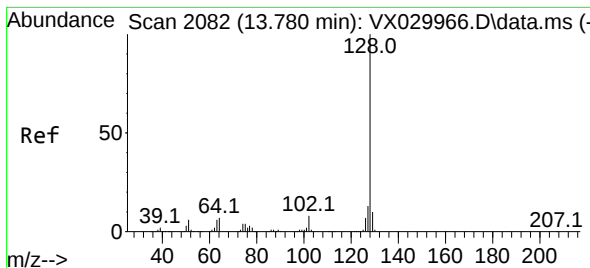
Tgt Ion:180 Resp: 60248
Ion Ratio Lower Upper
180 100
182 99.6 77.4 116.2
145 31.3 24.2 36.4



#90
Hexachlorobutadiene
Concen: 21.286 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX029986.D
Acq: 11 Jul 2022 09:52

Tgt Ion:225 Resp: 24029
Ion Ratio Lower Upper
225 100
223 65.8 0.0 126.0
227 66.2 0.0 125.0





#91

Naphthalene

Concen: 19.256 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

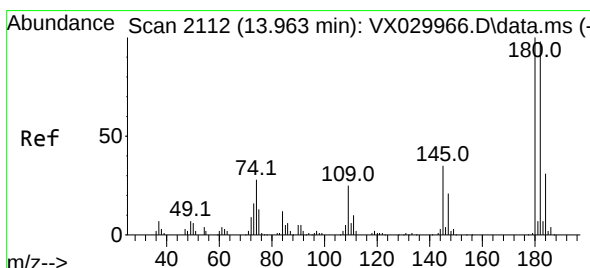
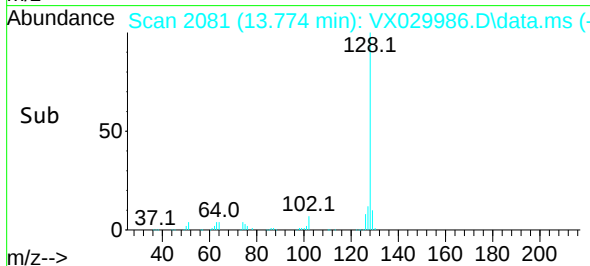
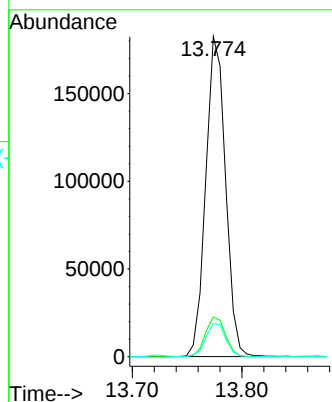
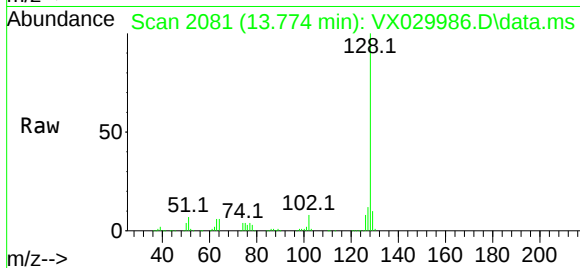
Tgt Ion:128 Resp: 228462

Ion Ratio Lower Upper

128 100

127 12.6 10.0 15.0

129 10.6 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 21.153 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX029986.D

Acq: 11 Jul 2022 09:52

Tgt Ion:180 Resp: 64134

Ion Ratio Lower Upper

180 100

182 92.7 0.0 189.4

145 32.3 0.0 67.2

