

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
 Data File : VX017608.D
 Acq On : 27 Jul 2020 09:46
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Quant Time: Jul 27 11:33:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 27 11:26:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	112464	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	554841	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	483766	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	248796	30.63	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.10%
60) 4-Bromofluorobenzene	11.12	95	262826	31.42	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	104.73%
63) Toluene-d8	8.70	98	737646	34.86	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	116.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	181383	31.325	ug/l 100
3) Chloromethane	1.31	50	173317	28.955	ug/l 100
4) Vinyl Chloride	1.39	62	175248	28.433	ug/l 100
5) Bromomethane	1.63	94	114826	28.640	ug/l 100
6) Chloroethane	1.72	64	98372	25.370	ug/l 100
7) Trichlorofluoromethane	1.92	101	266534	25.676	ug/l 100
8) Diethyl Ether	2.17	74	71911	20.660	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	116222	21.525	ug/l 100
10) 1,1-Dichloroethene	2.36	96	106703	20.193	ug/l 100
11) Methyl Iodide	2.49	142	125218	19.678	ug/l 100
12) Methyl Acetate	2.75	43	165585	22.099	ug/l 100
13) Acrolein	2.27	56	113253	116.283	ug/l 100
14) Acrylonitrile	3.12	53	340836	102.677	ug/l 100
15) Acetone	2.42	58	93026	108.419	ug/l 100
16) Carbon Disulfide	2.55	76	292494	20.604	ug/l 100
17) Allyl chloride	2.71	41	202468	20.466	ug/l 100
18) Methylene Chloride	2.84	84	128929	19.925	ug/l 100
19) trans-1,2-Dichloroethene	3.14	96	116555	19.316	ug/l 100
20) Diisopropyl ether	3.83	45	410865	20.888	ug/l 100
21) 1,1-Dichloroethane	3.67	63	216377	19.836	ug/l 100
22) cis-1,2-Dichloroethene	4.57	96	134990	19.386	ug/l 100
23) tert-Butyl Alcohol	3.01	59	162001	114.131	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	429266	21.072	ug/l 100
25) Chloroform	5.18	83	248887	21.079	ug/l 100
26) Cyclohexane	5.55	56	196278	22.490	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	167853	21.306	ug/l 100
30) 2-Butanone	4.64	43	467155	107.935	ug/l 100
31) 2,2-Dichloropropane	4.55	77	219996	22.030	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	224082	21.723	ug/l 100
33) Carbon Tetrachloride	5.75	117	212711	22.215	ug/l 100
34) Benzene	6.12	78	448843	19.527	ug/l 100
35) Methacrylonitrile	5.01	41	105123	21.560	ug/l 100
36) 1,2-Dichloroethane	6.17	62	193241	20.968	ug/l 100
37) Trichloroethene	7.19	130	152845	21.561	ug/l 100
38) Methylcyclohexane	7.44	83	192903	22.808	ug/l 100
39) 1,2-Dichloropropane	7.49	63	127845	20.874	ug/l 100
40) Dibromomethane	7.64	93	91893	20.804	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	200516	21.560	ug/l	100
42) Vinyl Acetate	3.78	43	1500358	93.644	ug/l	100
43) Ethyl Acetate	4.80	43	165324	19.846	ug/l	100
44) Isopropyl Acetate	6.42	43	280640	20.049	ug/l	100
45) 1,4-Dioxane	7.71	88	59470	433.074	ug/l	100
46) Methyl methacrylate	7.74	41	135505	19.909	ug/l	100
47) n-amyl Acetate	10.88	43	233293	18.863	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	220307	21.319	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	239105	22.089	ug/l	100
50) 1,1,2-Trichloroethane	9.20	97	130618	20.133	ug/l	100
51) Ethyl methacrylate	9.16	69	195648	20.415	ug/l	100
52) 1,3-Dichloropropane	9.35	76	207164	19.740	ug/l	100
53) Dibromochloromethane	9.57	129	150758	19.175	ug/l	100
54) 1,2-Dibromoethane	9.65	107	135329	19.588	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	537164	119.276	ug/l	100
56) Bromoform	10.84	173	120072	19.361	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	1017970	123.728	ug/l	100
59) 2-Hexanone	9.47	43	639593	106.375	ug/l	100
61) Tetrachloroethene	9.32	164	146325	22.766	ug/l	100
62) Toluene	8.76	91	563543	23.320	ug/l	100
64) Chlorobenzene	10.12	112	320455	20.473	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	138037	21.288	ug/l	100
66) Ethyl Benzene	10.24	91	557281	20.973	ug/l	100
67) m/p-Xylenes	10.34	106	421233	41.317	ug/l	100
68) o-Xylene	10.68	106	205807	20.981	ug/l	100
69) Styrene	10.70	104	359013	20.709	ug/l	100
70) Isopropylbenzene	11.00	105	642422	23.320	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	176247	21.038	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	224420	27.164	ug/l	88
73) Bromobenzene	11.24	156	171417	22.394	ug/l	100
74) n-propylbenzene	11.34	91	686716	21.849	ug/l	100
75) 2-Chlorotoluene	11.40	91	410568	21.579	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	496229	21.480	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	75771	23.300	ug/l	100
78) 4-Chlorotoluene	11.49	91	478001	21.245	ug/l	100
79) tert-butylbenzene	11.76	119	477148	21.253	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	494766	21.285	ug/l	100
81) sec-Butylbenzene	11.93	105	559358	21.566	ug/l	100
82) p-Isopropyltoluene	12.05	119	544478	22.058	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	281895	20.835	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	285031	20.782	ug/l	100
85) n-Butylbenzene	12.37	91	519138	24.172	ug/l	100
86) Hexachloroethane	12.58	117	109834	22.727	ug/l	100
87) 1,2-Dichlorobenzene	12.37	146	290198	22.069	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	46540	22.465	ug/l	100
89) 1,2,4-Trichlorobenzene	13.63	180	233574	24.997	ug/l	100
90) Hexachlorobutadiene	13.76	225	102907	26.986	ug/l	100
91) Naphthalene	13.82	128	700744	24.622	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	226465	24.649	ug/l	100

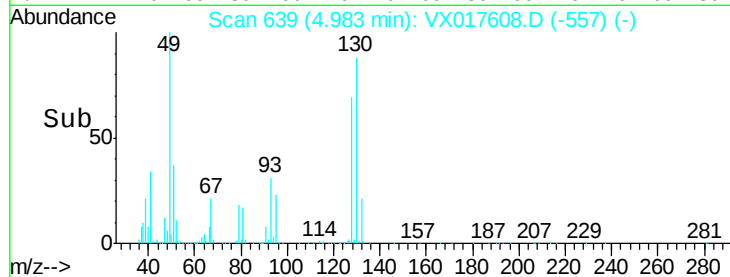
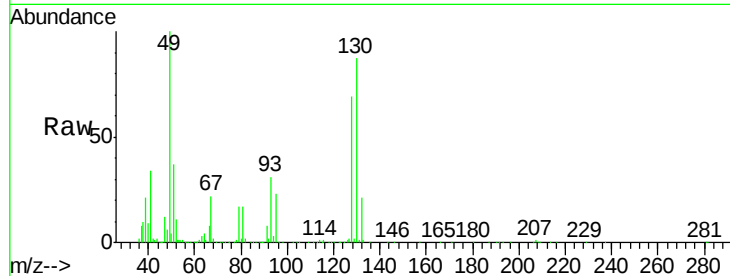
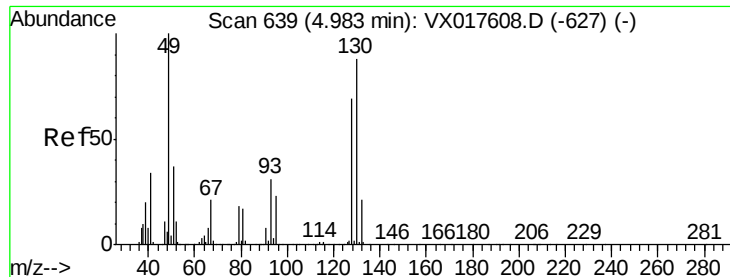
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

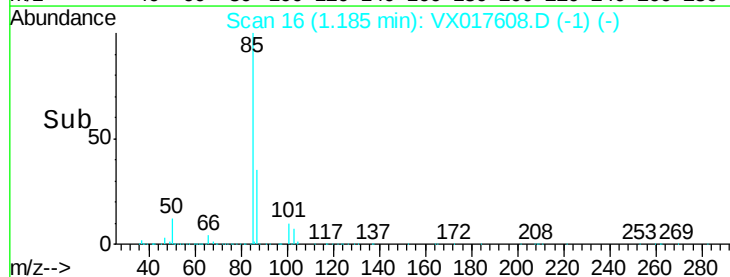
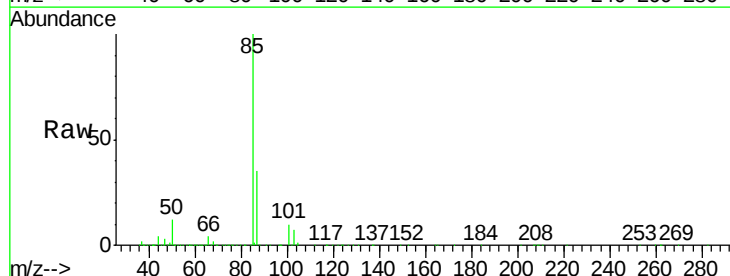
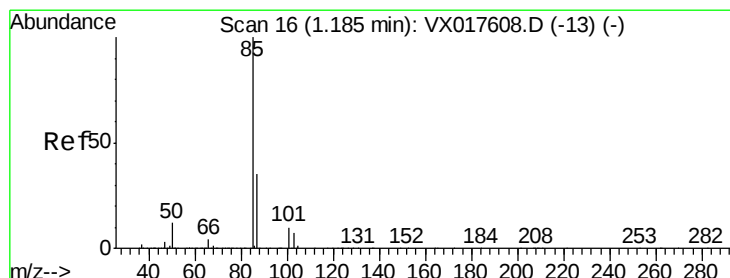
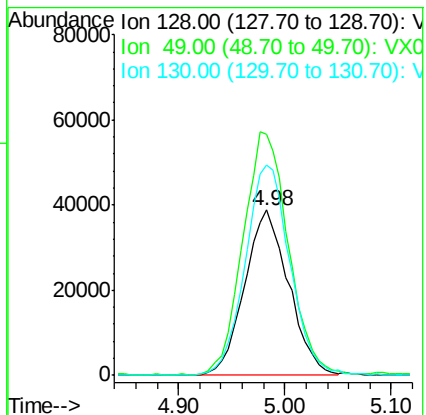
Tot Ion:128 Resp: 112464

Ion Ratio Lower Upper

128 100

49 150.4 0.0 376.0

130 129.2 0.0 323.0



#2

Dichlorodifluoromethane

Concen: 31.325 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017608.D

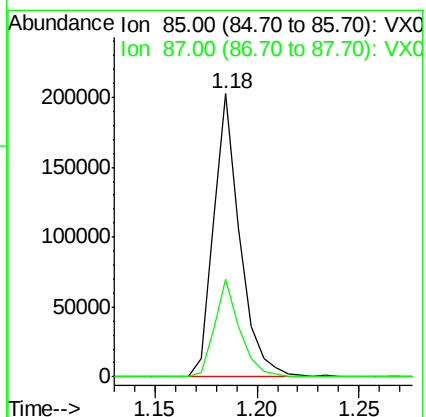
Acq: 27 Jul 2020 09:46

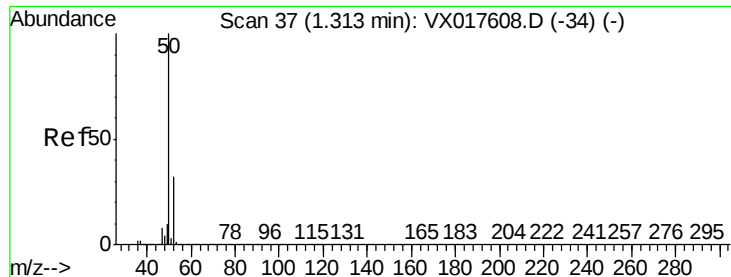
Tgt Ion: 85 Resp: 181383

Ion Ratio Lower Upper

85 100

87 34.6 17.3 51.9





#3

Chloromethane

Concen: 28.955 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

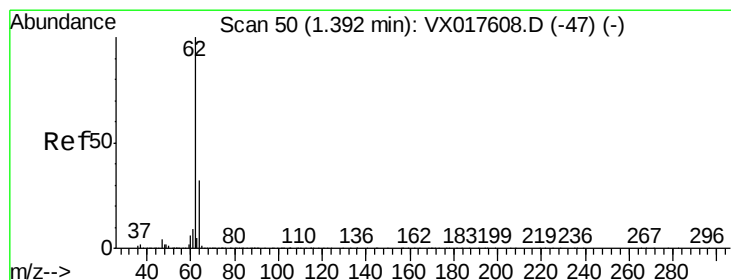
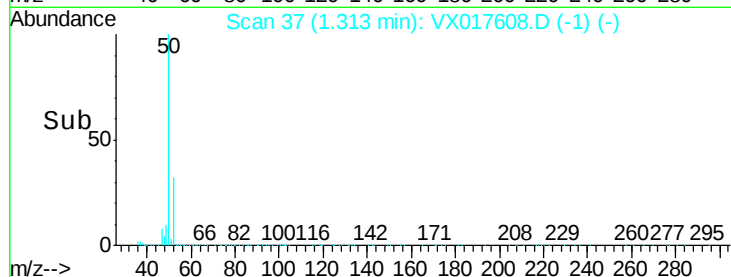
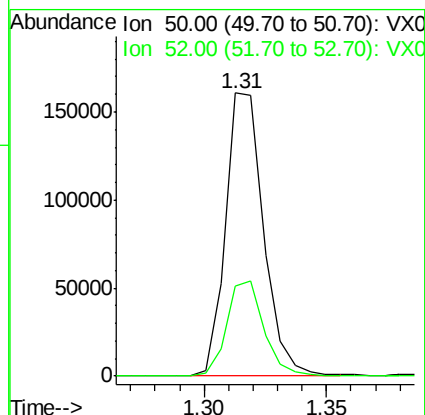
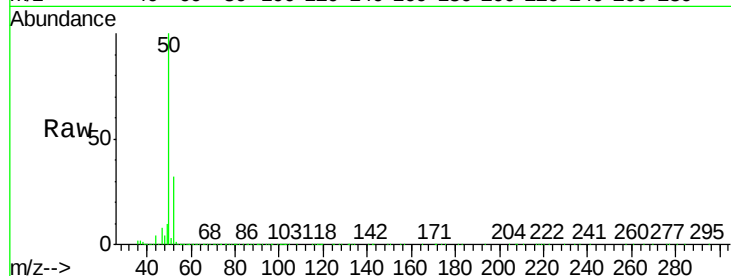
VSTDICCC020

Tot Ion: 50 Resp: 173317

Ion Ratio Lower Upper

50 100

52 31.9 25.5 38.3



#4

Vinyl Chloride

Concen: 28.433 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017608.D

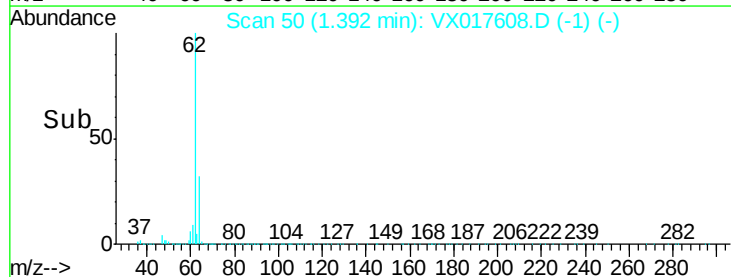
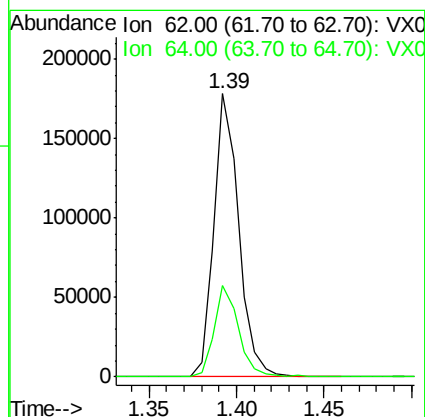
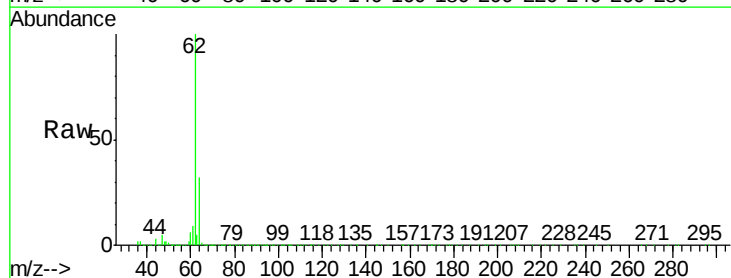
Acq: 27 Jul 2020 09:46

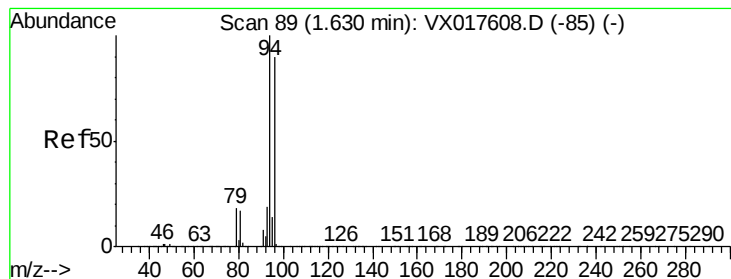
Tgt Ion: 62 Resp: 175248

Ion Ratio Lower Upper

62 100

64 32.3 25.8 38.8





#5

Bromomethane

Concen: 28.640 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

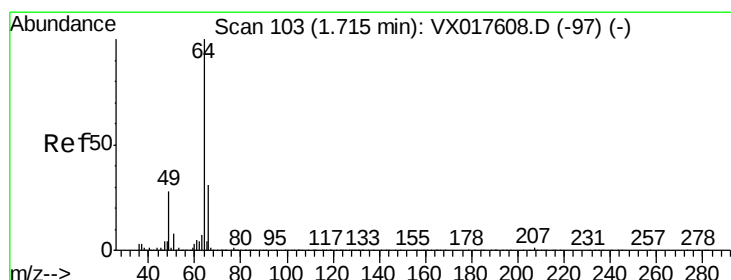
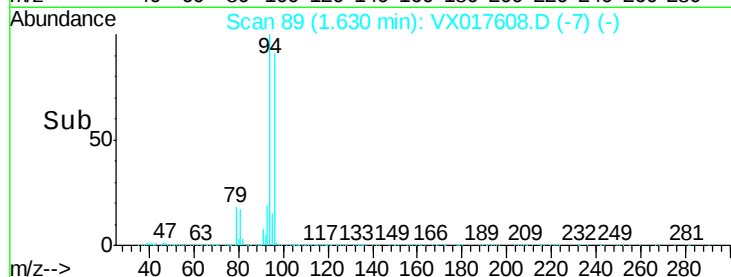
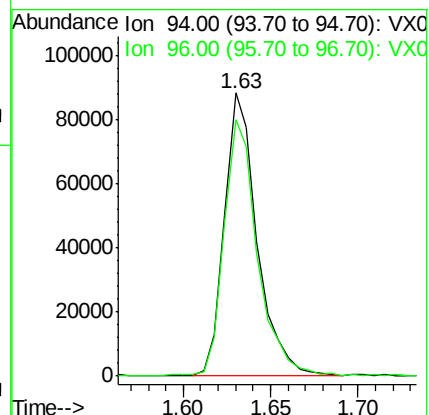
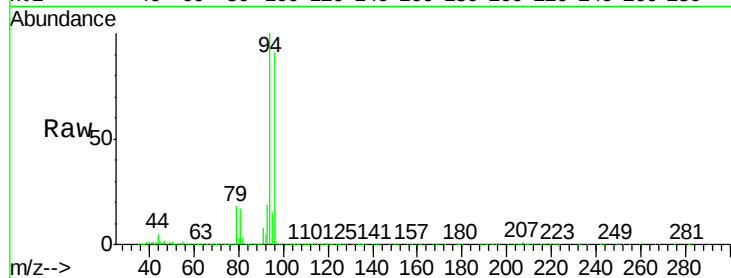
VSTDICCC020

Tot Ion: 94 Resp: 114826

Ion Ratio Lower Upper

94 100

96 90.6 72.5 108.7



#6

Chloroethane

Concen: 25.370 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX017608.D

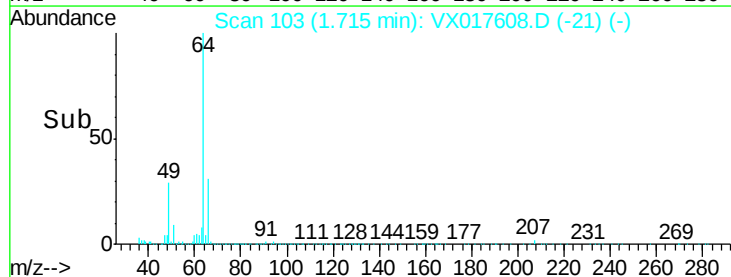
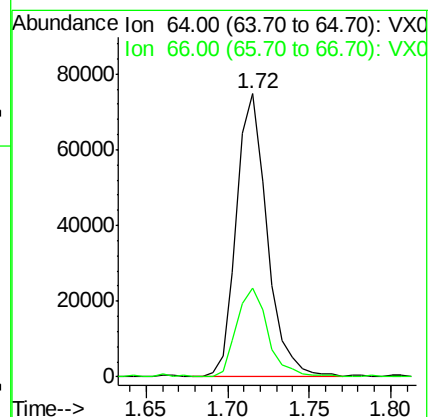
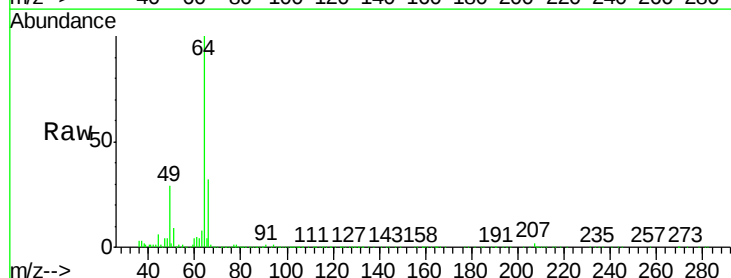
Acq: 27 Jul 2020 09:46

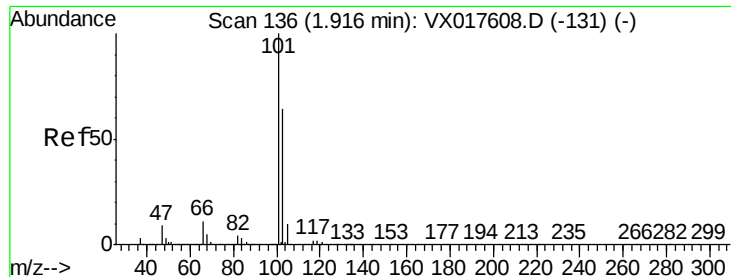
Tgt Ion: 64 Resp: 98372

Ion Ratio Lower Upper

64 100

66 31.4 25.1 37.7



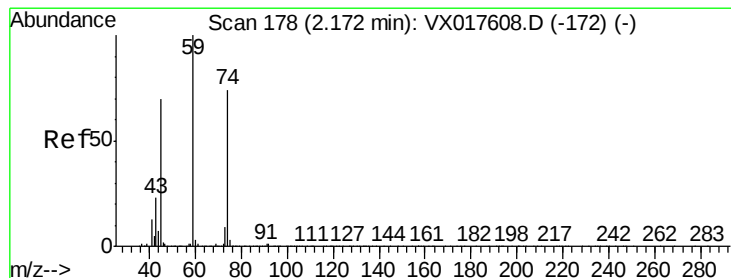
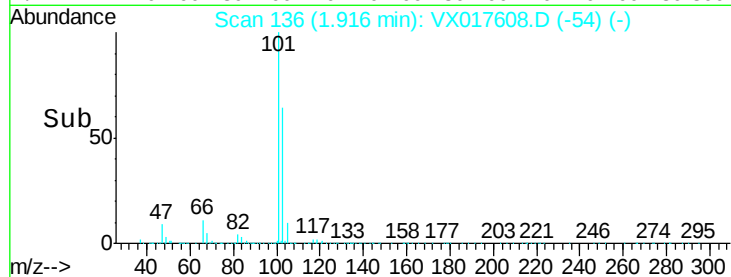
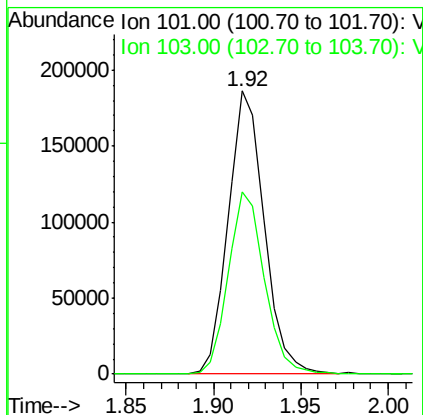
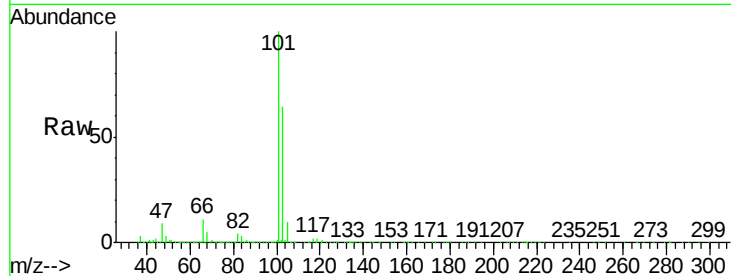


#7

Trichlorofluoromethane
Concen: 25.676 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017608.D
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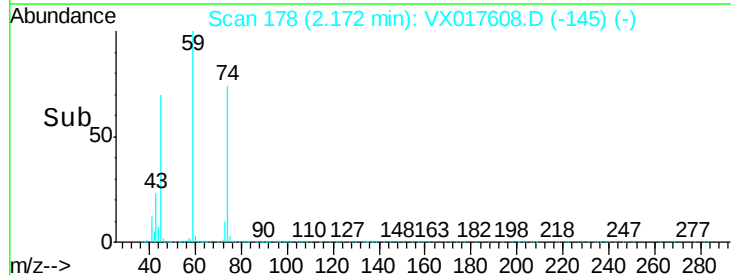
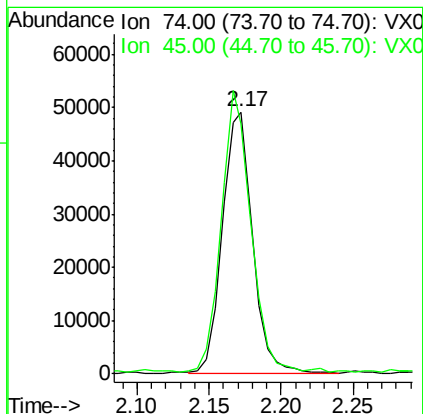
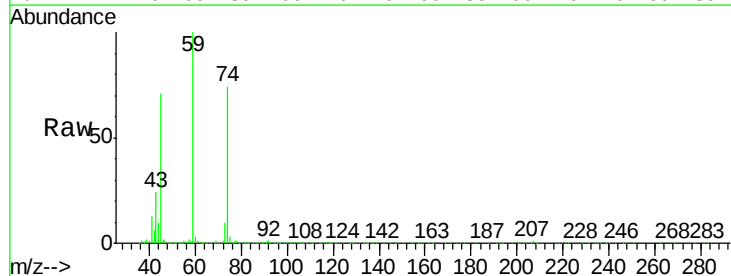
Tot Ion:101 Resp: 266534
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9

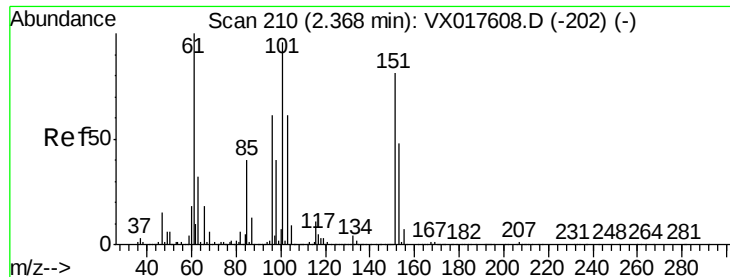


#8

Diethyl Ether
Concen: 20.660 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion: 74 Resp: 71911
Ion Ratio Lower Upper
74 100
45 105.7 21.1 190.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.525 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

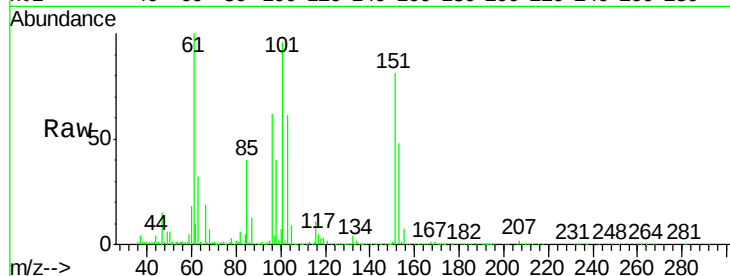
Tot Ion:101 Resp: 116222

Ion Ratio Lower Upper

101 100

85 45.3 0.0 90.6

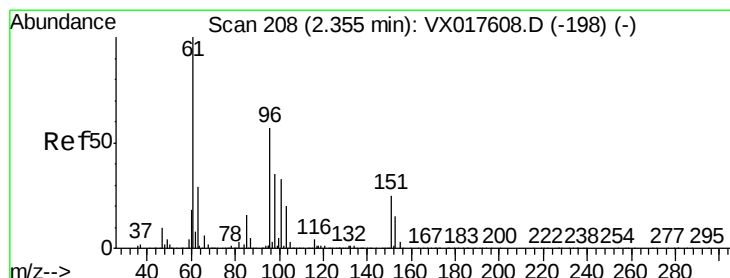
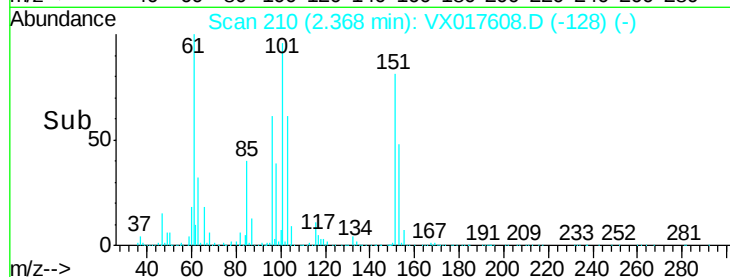
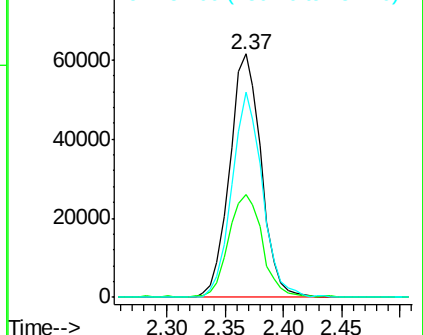
151 81.6 0.0 163.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.193 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

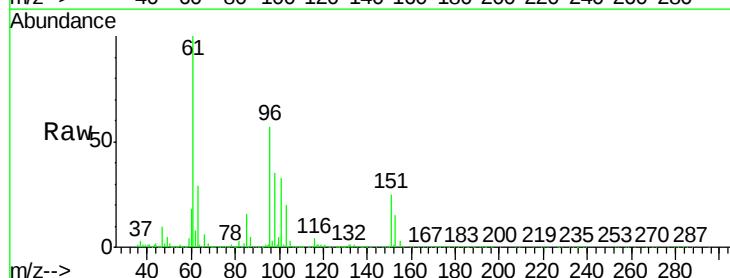
Tgt Ion: 96 Resp: 106703

Ion Ratio Lower Upper

96 100

61 176.5 141.2 211.8

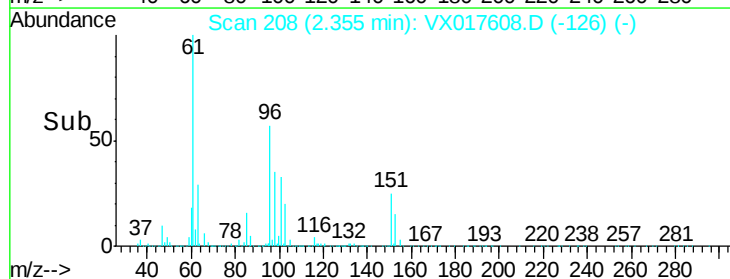
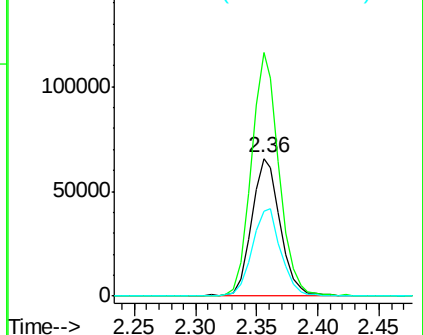
98 61.8 49.4 74.2

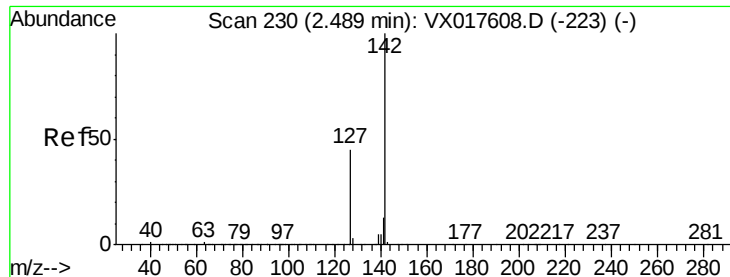


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

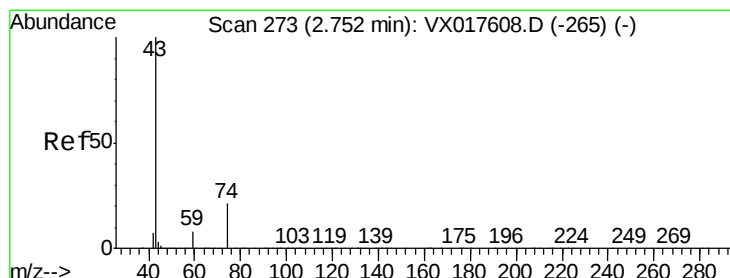
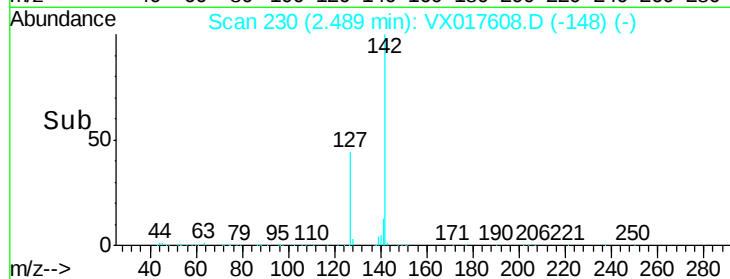
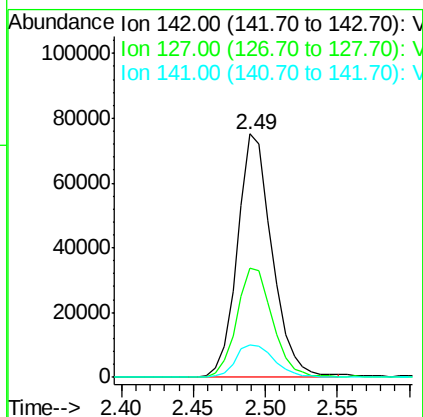
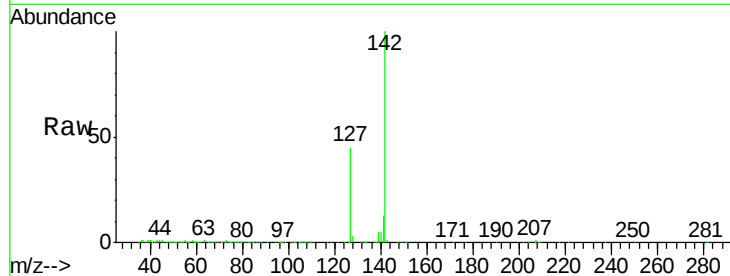




#11
Methyl Iodide
Concen: 19.678 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

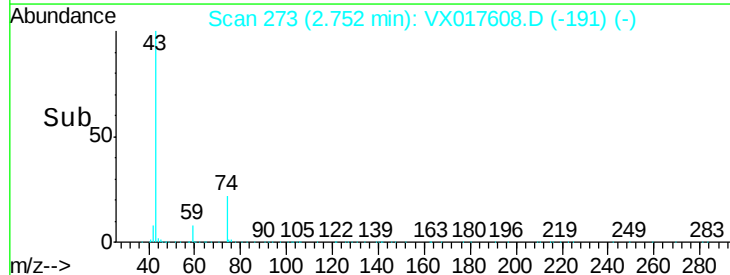
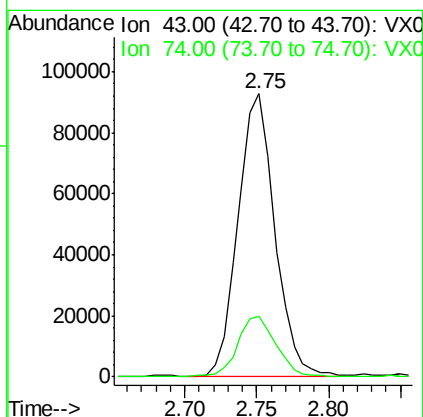
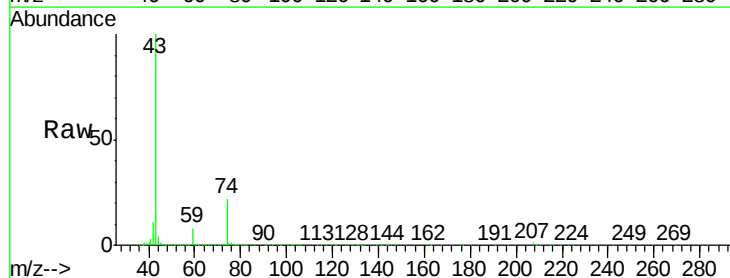
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

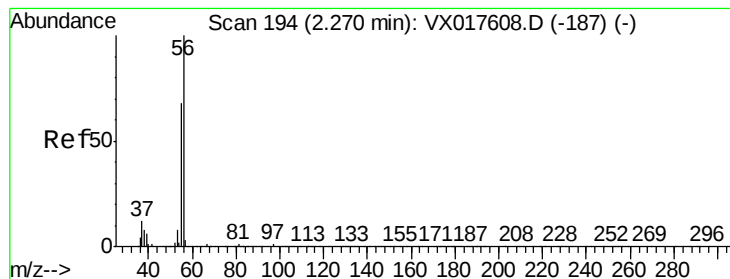
Tot Ion:142 Resp: 125218
Ion Ratio Lower Upper
142 100
127 44.7 22.4 67.0
141 13.1 6.6 19.7



#12
Methyl Acetate
Concen: 22.099 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion: 43 Resp: 165585
Ion Ratio Lower Upper
43 100
74 21.4 17.1 25.7





#13

Acrolein

Concen: 116.283 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

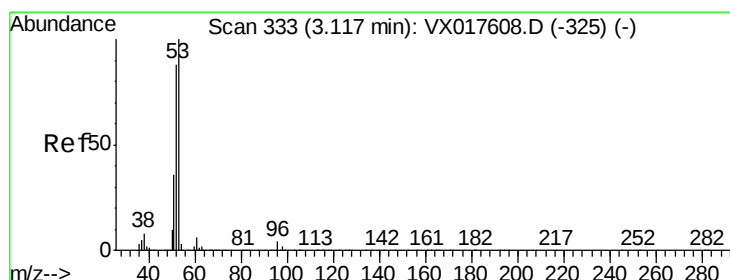
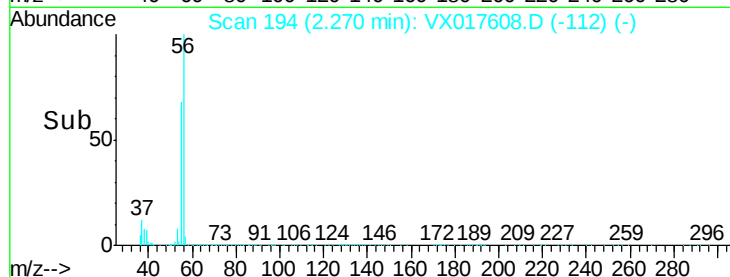
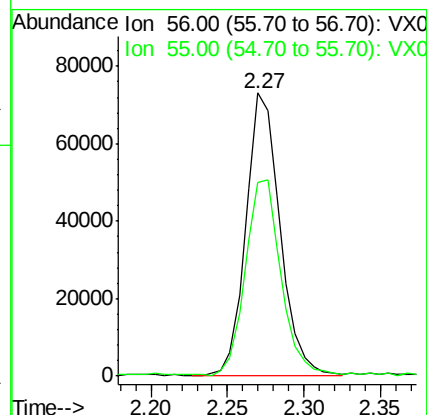
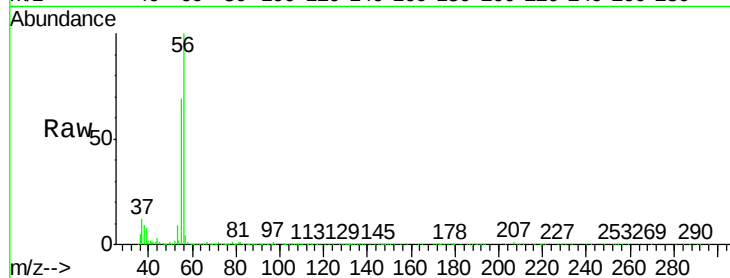
VSTDICCC020

Tot Ion: 56 Resp: 113253

Ion Ratio Lower Upper

56 100

55 71.5 57.2 85.8



#14

Acrylonitrile

Concen: 102.677 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

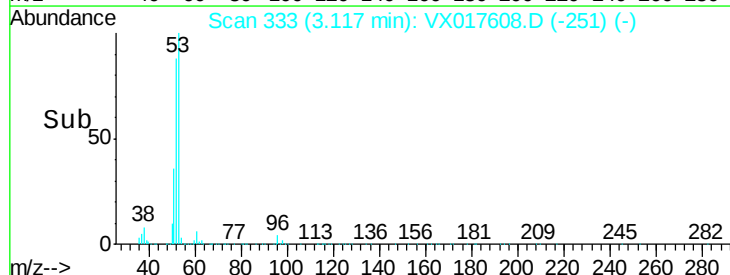
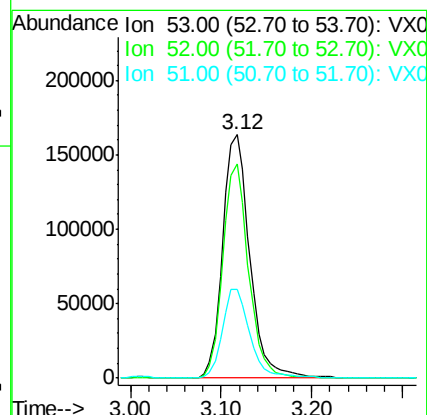
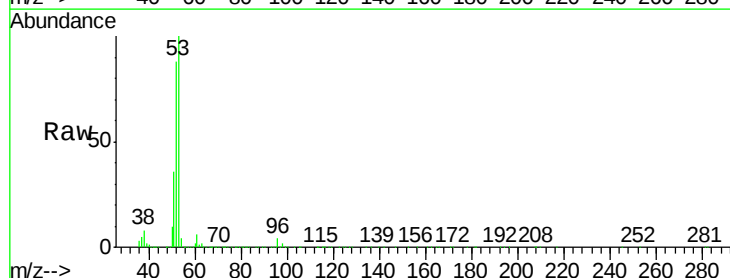
Tgt Ion: 53 Resp: 340836

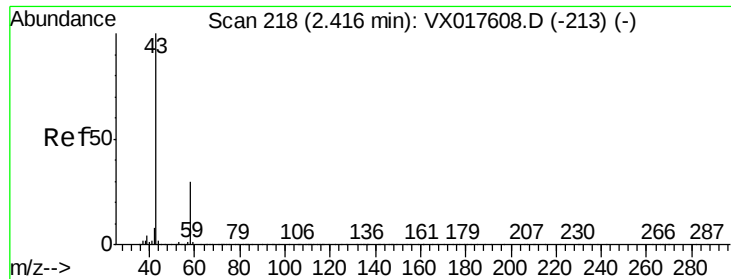
Ion Ratio Lower Upper

53 100

52 82.9 41.4 124.4

51 36.8 18.4 55.2





#15

Acetone

Concen: 108.419 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

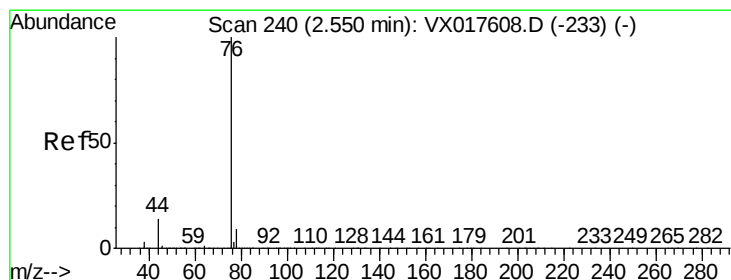
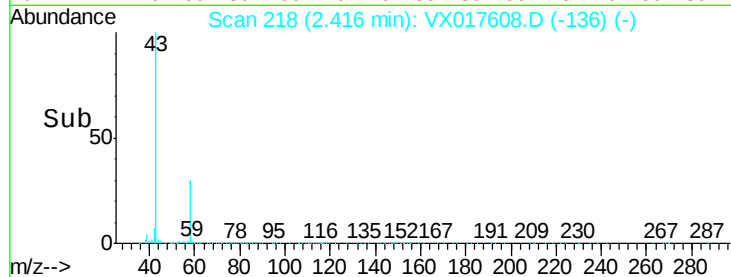
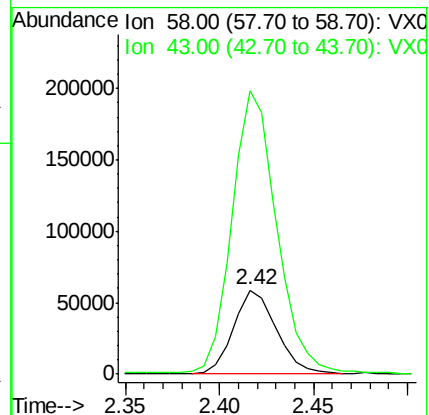
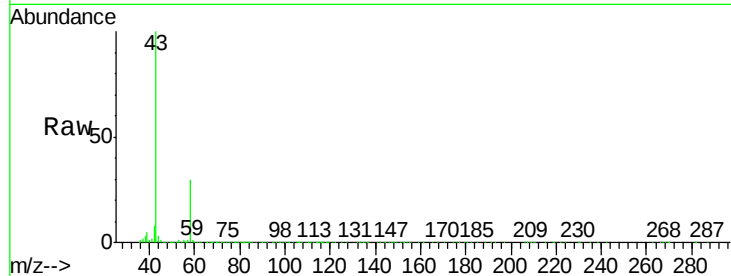
VSTDICCC020

Tot Ion: 58 Resp: 93026

Ion Ratio Lower Upper

58 100

43 335.7 268.6 402.8



#16

Carbon Disulfide

Concen: 20.604 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017608.D

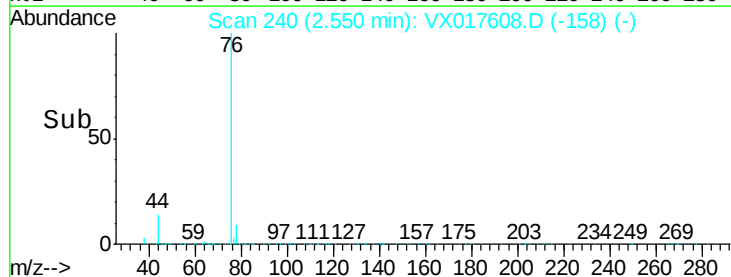
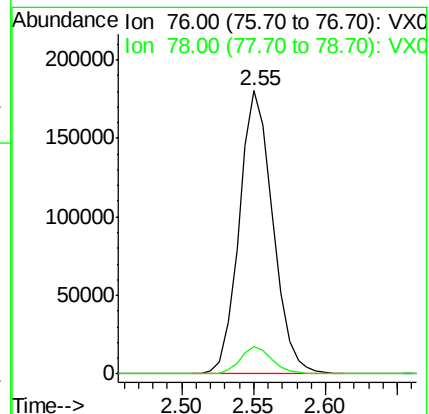
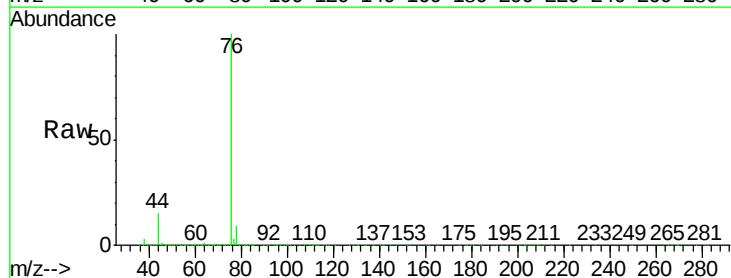
Acq: 27 Jul 2020 09:46

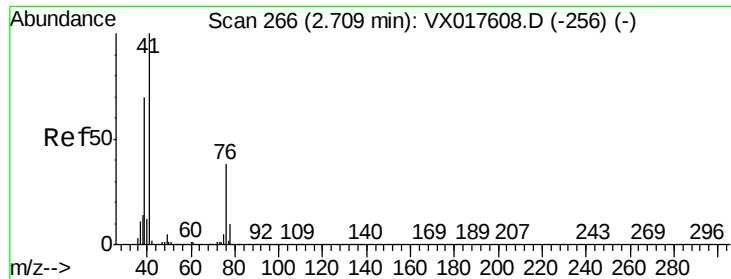
Tgt Ion: 76 Resp: 292494

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

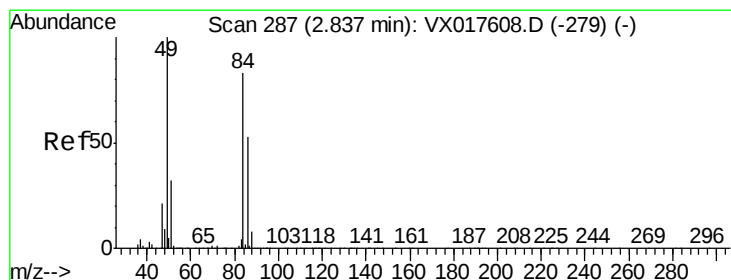
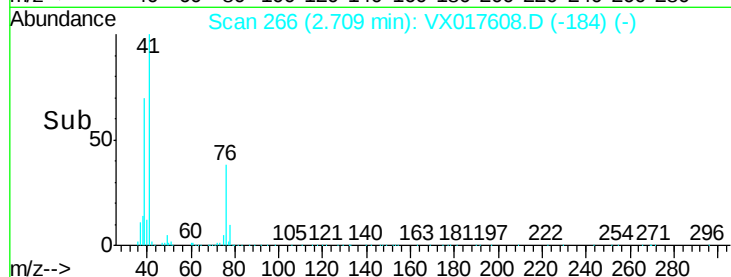
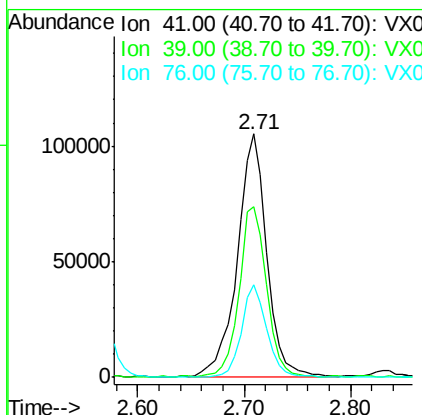
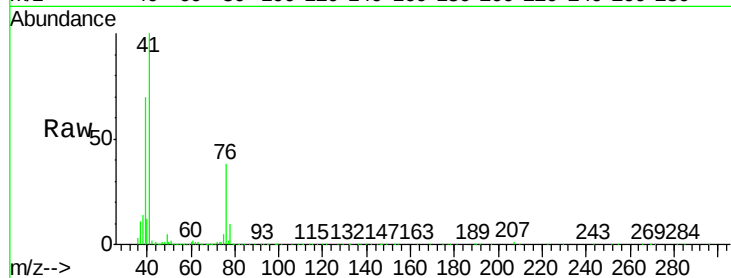




#17
Allvl chloride
Concen: 20.466 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

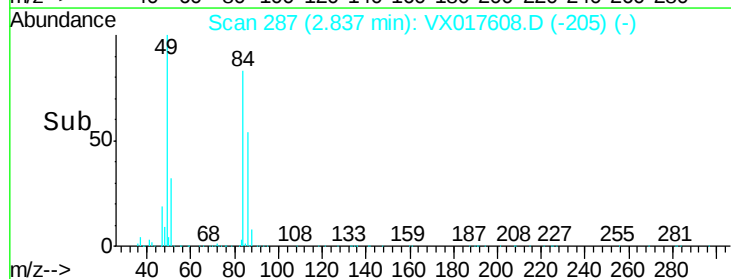
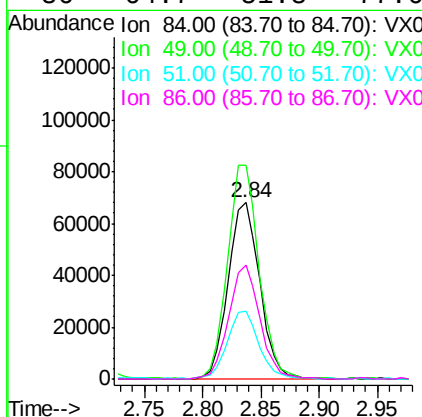
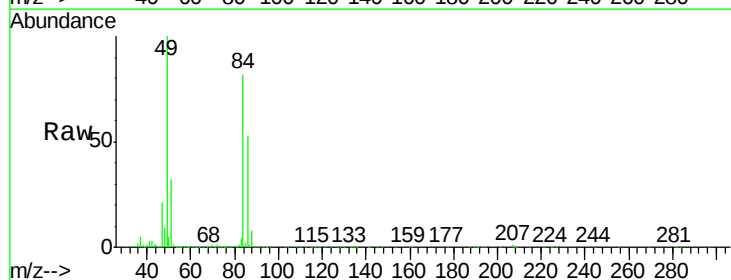
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

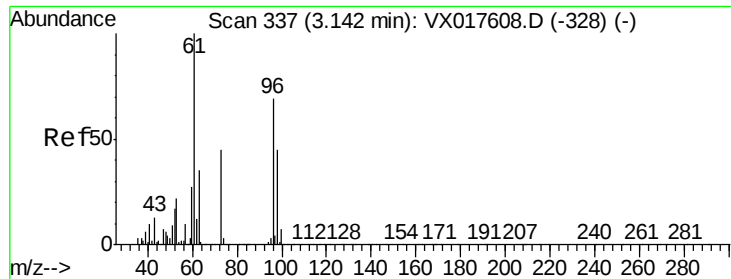
Tot Ion	Ratio	Lower	Upper
41	100		
39	69.7	34.8	104.5
76	38.2	19.1	57.3



#18
Methylene Chloride
Concen: 19.925 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.9	96.7	145.1
51	38.7	31.0	46.4
86	64.7	51.8	77.6





#19

trans-1,2-Dichloroethene

Concen: 19.316 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

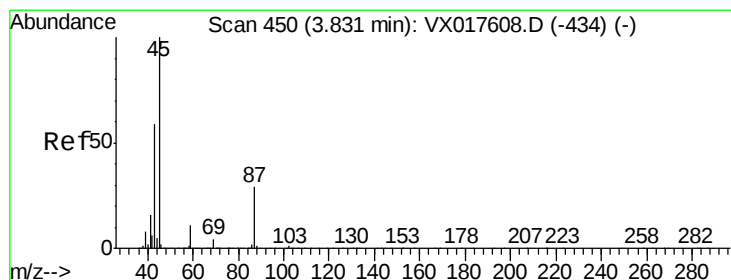
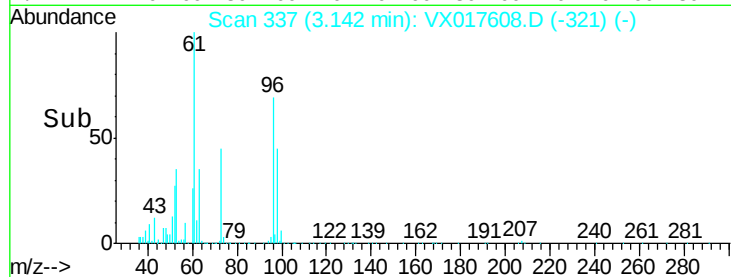
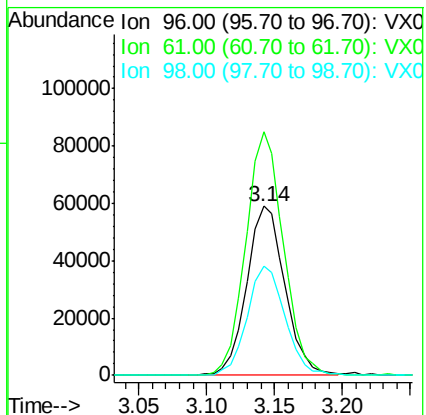
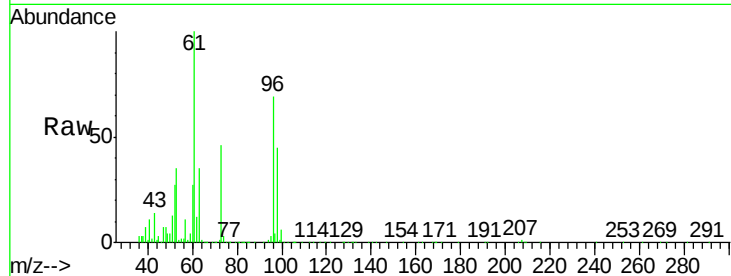
Tot Ion: 96 Resp: 116555

Ion Ratio Lower Upper

96 100

61 143.8 115.0 172.6

98 64.5 51.6 77.4



#20

Diisopropyl ether

Concen: 20.888 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Tgt Ion: 45 Resp: 410865

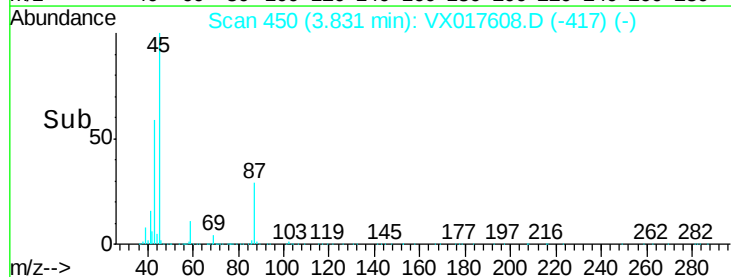
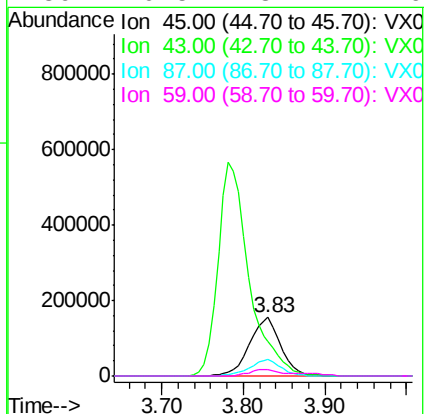
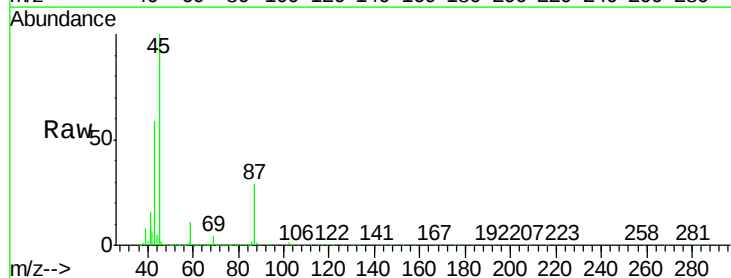
Ion Ratio Lower Upper

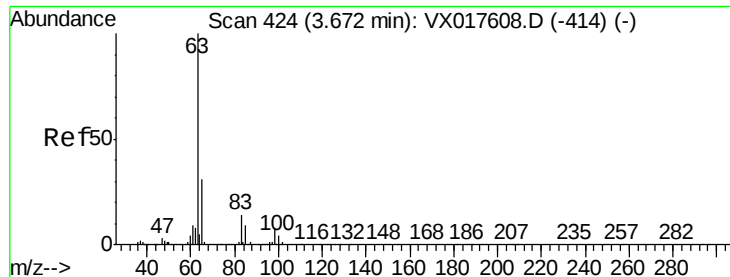
45 100

43 59.2 47.4 71.0

87 29.1 23.3 34.9

59 10.5 8.4 12.6

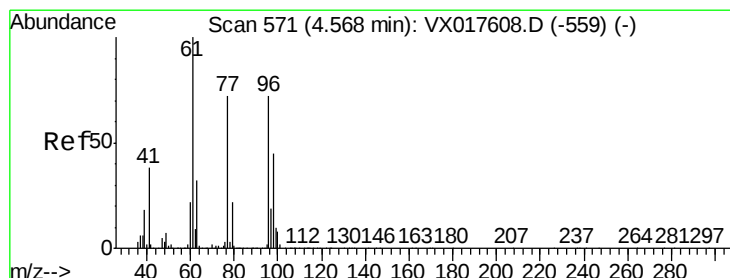
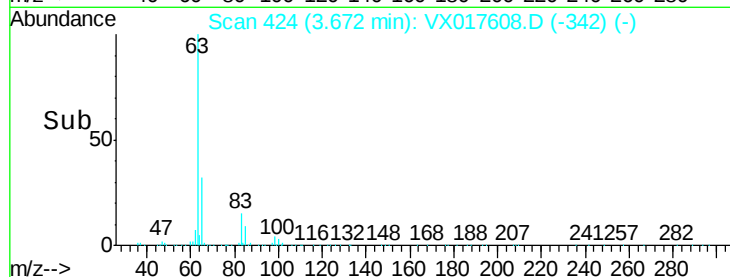
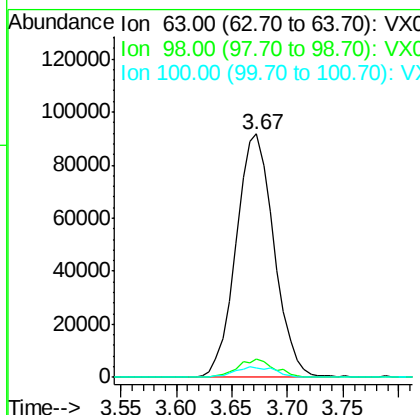
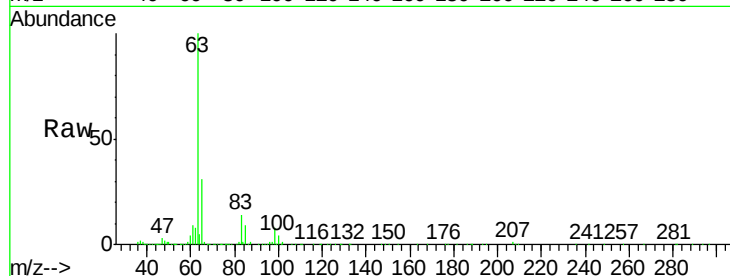




#21
1,1-Dichloroethane
Concen: 19.836 ug/l
RT: 3.67 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

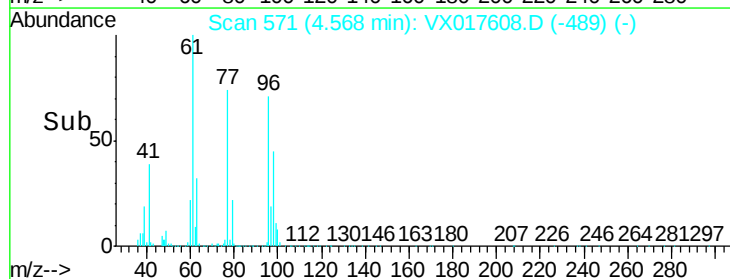
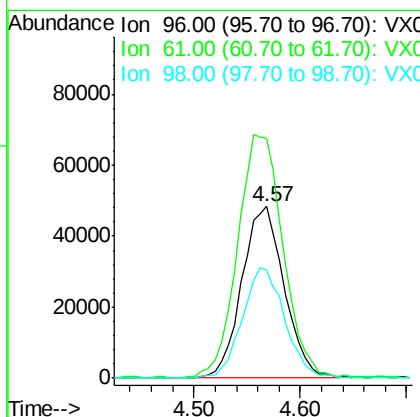
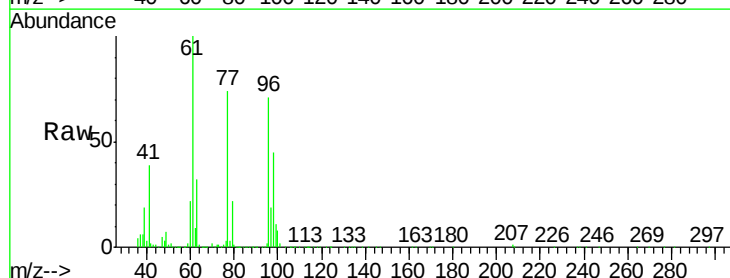
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

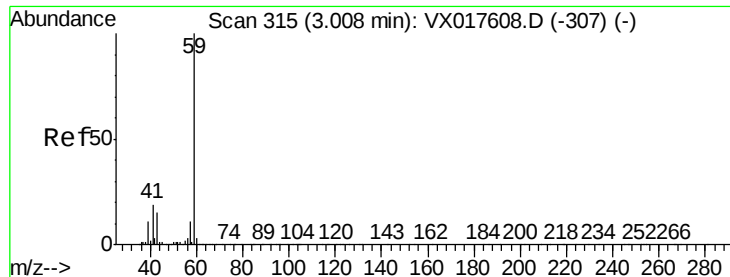
Tot Ion:	63	Resp:	216377
Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.9	11.7
100	3.8	1.9	5.7



#22
cis-1,2-Dichloroethene
Concen: 19.386 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion:	96	Resp:	134990
Ion	Ratio	Lower	Upper
96	100		
61	151.4	121.1	181.7
98	64.3	51.4	77.2



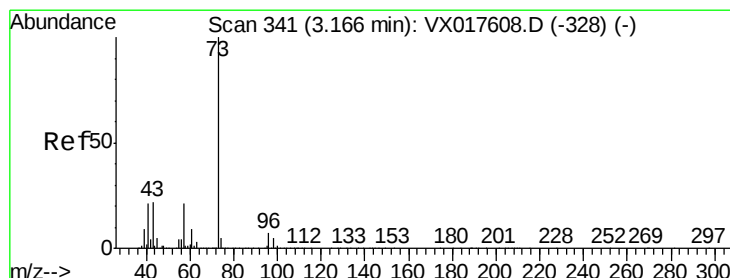
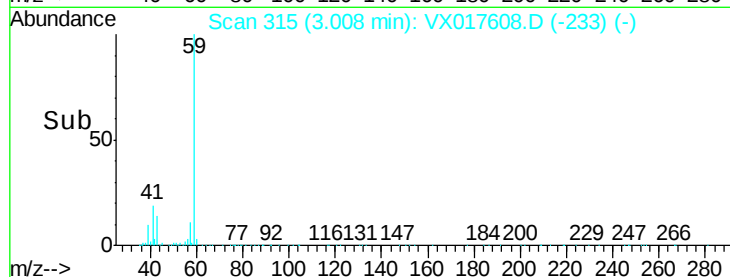
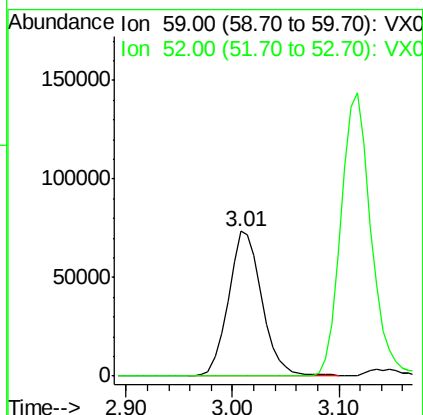
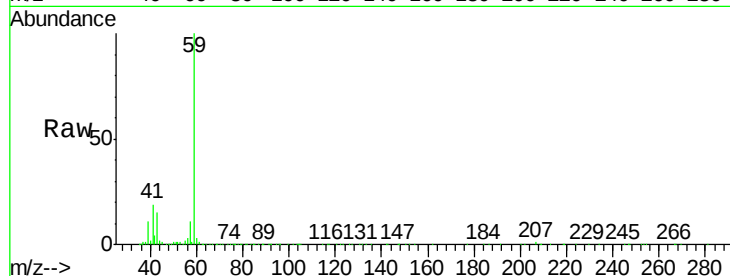


#23

tert-Butyl Alcohol
 Concen: 114.131 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

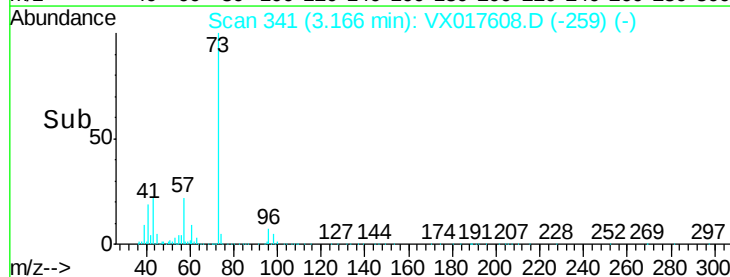
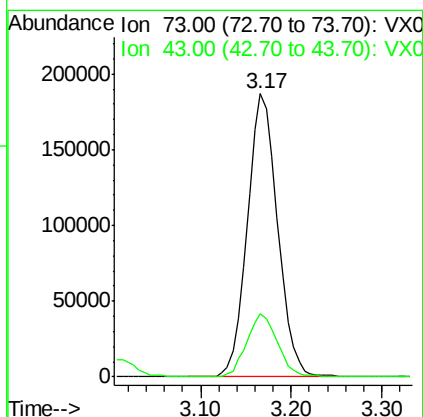
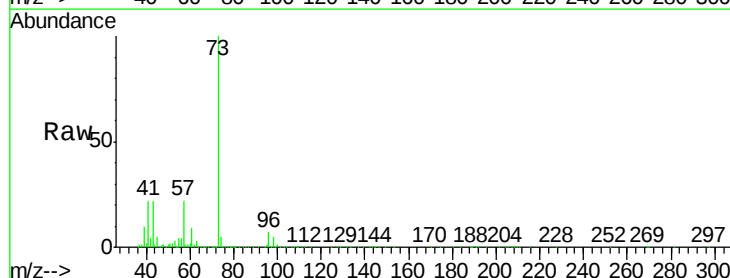
Tot Ion: 59 Resp: 162001
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.4

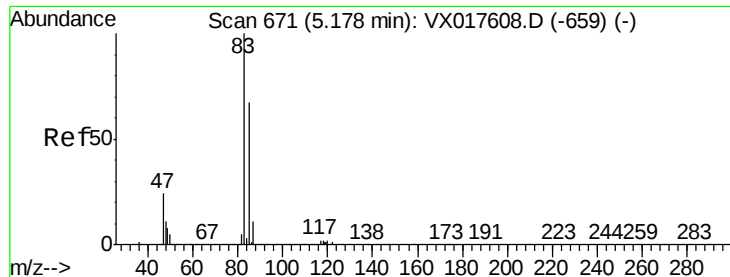


#24

Methyl tert-Butyl Ether
 Concen: 21.072 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Tgt Ion: 73 Resp: 429266
 Ion Ratio Lower Upper
 73 100
 43 22.6 18.1 27.1

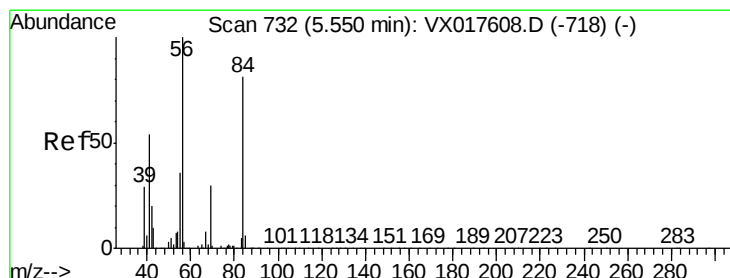
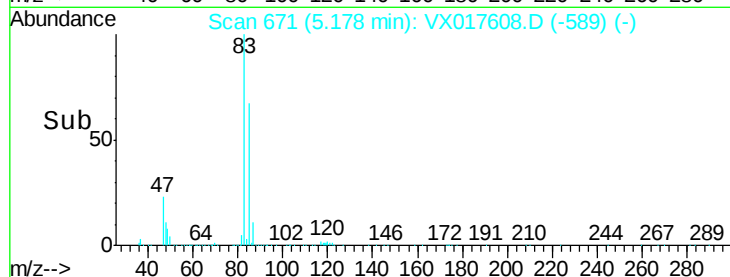
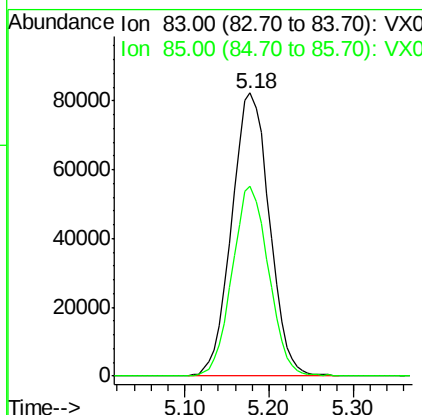
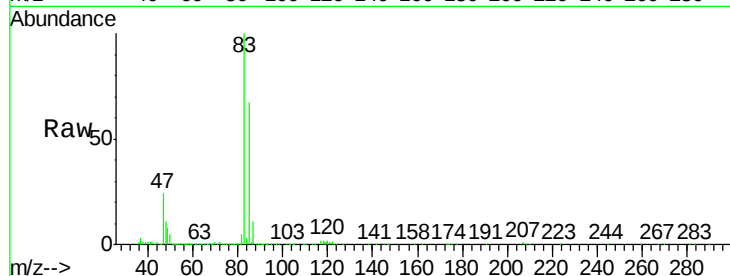




#25
Chloroform
Concen: 21.079 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

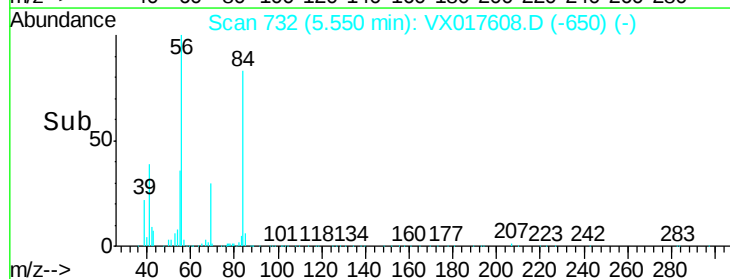
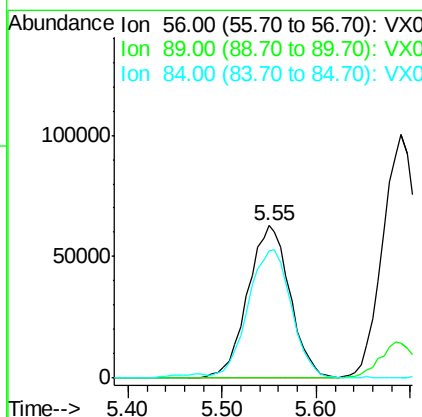
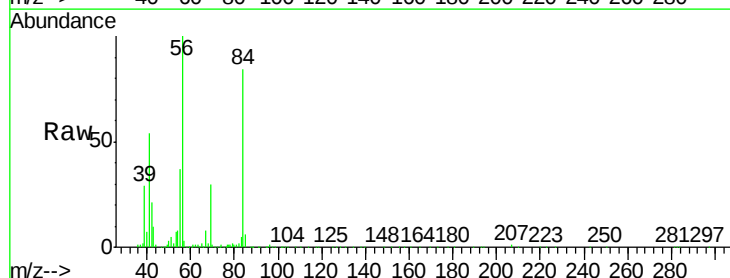
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

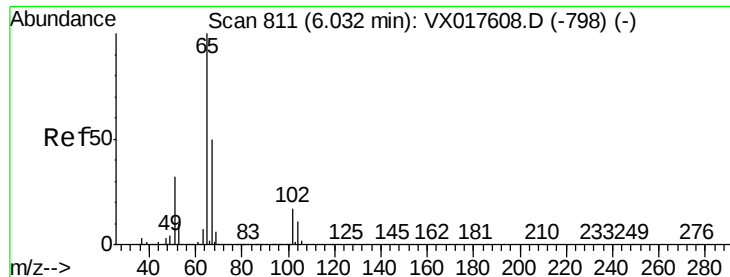
Tot Ion: 83 Resp: 248887
Ion Ratio Lower Upper
83 100
85 67.1 53.7 80.5



#26
Cyclohexane
Concen: 22.490 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion: 56 Resp: 196278
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0#
84 86.6 69.3 103.9





#27

1,2-Dichloroethane-d4

Concen: 30.635 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampled :

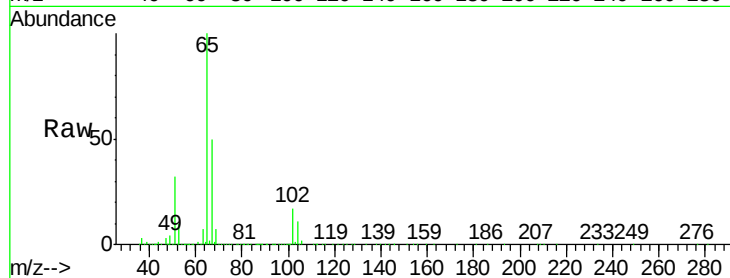
VSTDICCC020

Tot Ion: 65 Resp: 248796

Ion Ratio Lower Upper

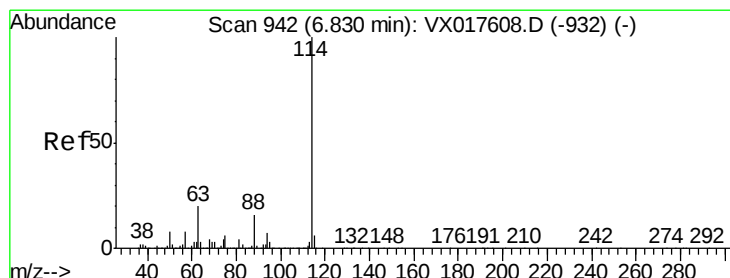
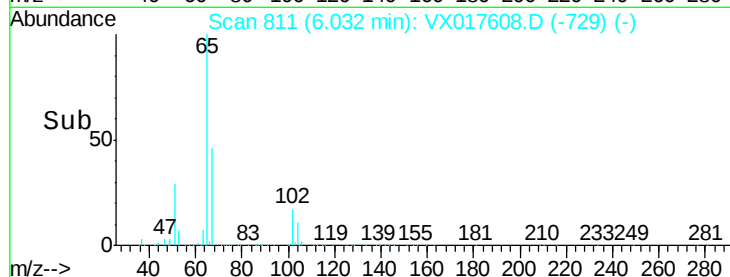
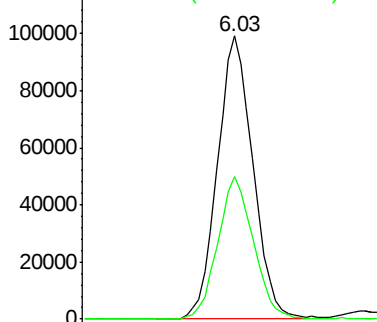
65 100

67 50.8 40.6 61.0



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

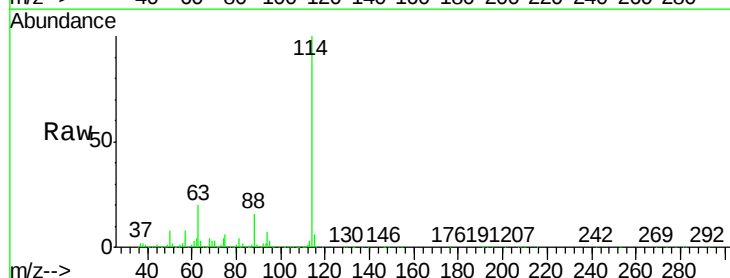
Tgt Ion: 114 Resp: 554841

Ion Ratio Lower Upper

114 100

63 20.4 16.3 24.5

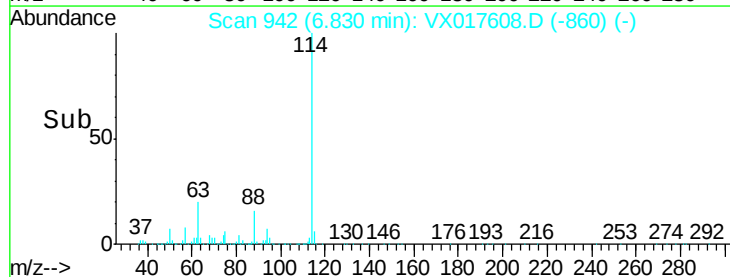
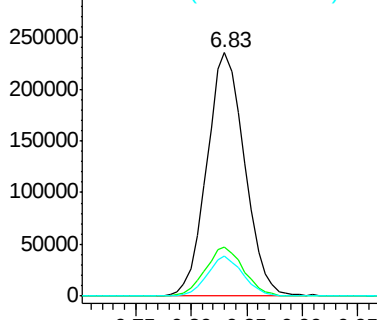
88 15.7 12.6 18.8

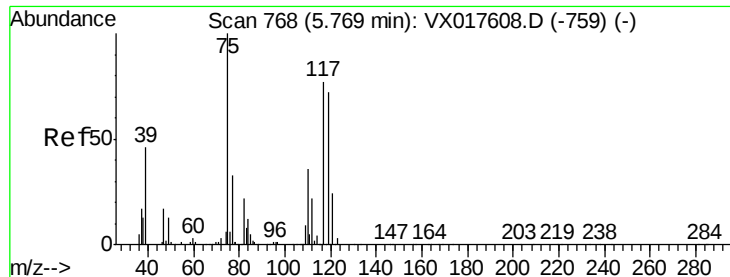


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

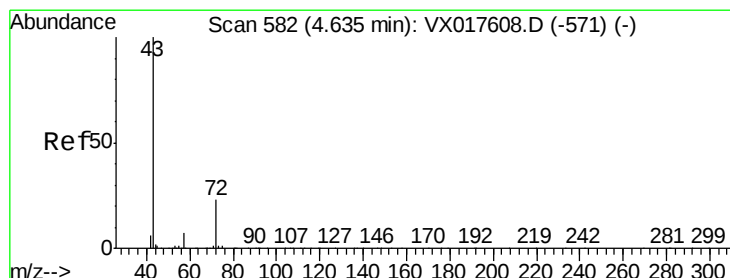
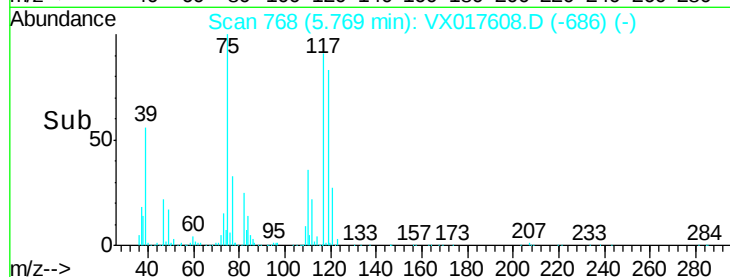
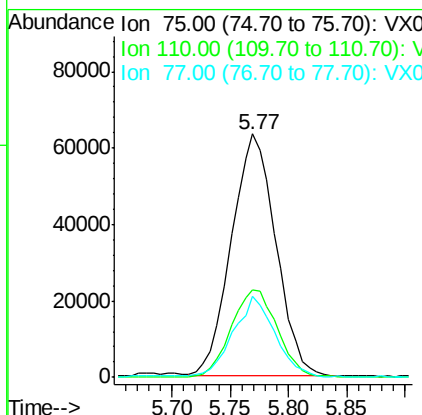
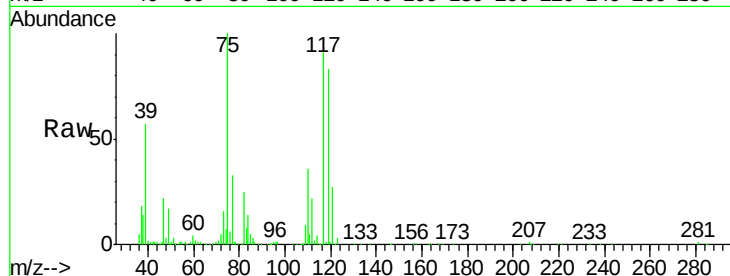




#29
 1,1-Dichloropropene
 Concen: 21.306 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

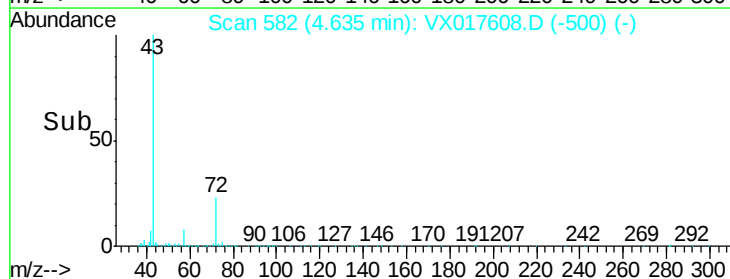
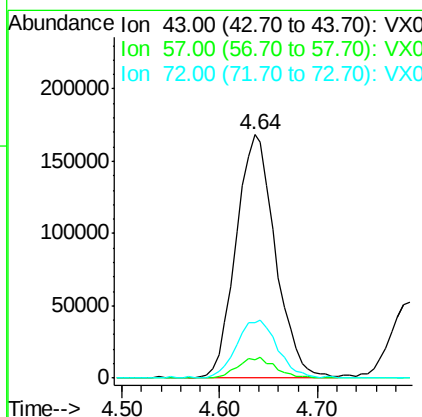
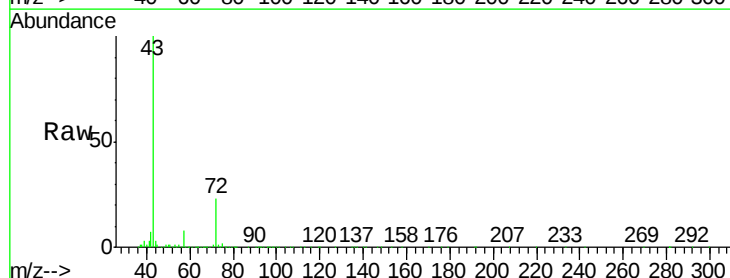
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

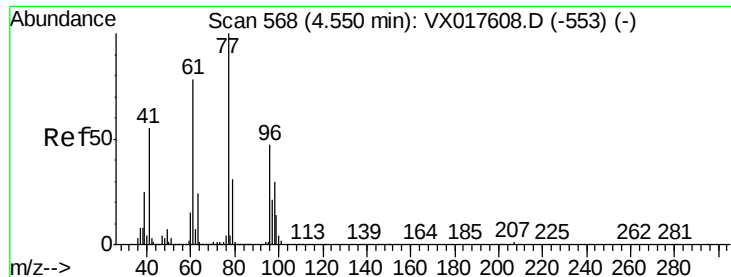
Tot Ion	Ratio	Lower	Upper
75	100		
110	37.7	0.0	75.4
77	31.6	0.0	63.2



#30
 2-Butanone
 Concen: 107.935 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.5	9.7
72	24.7	19.8	29.6





#31

2,2-Dichloropropane

Concen: 22.030 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

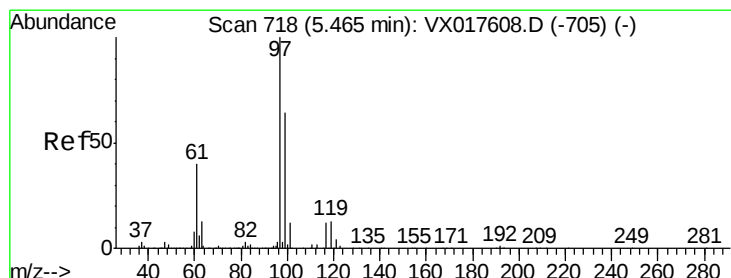
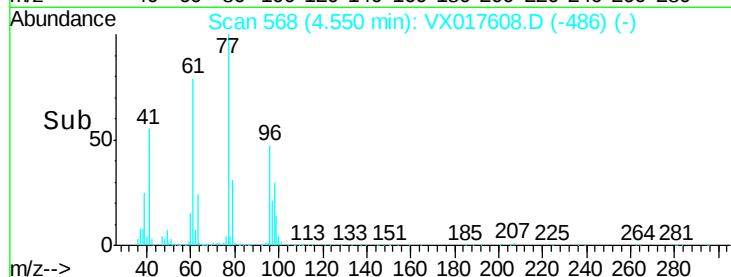
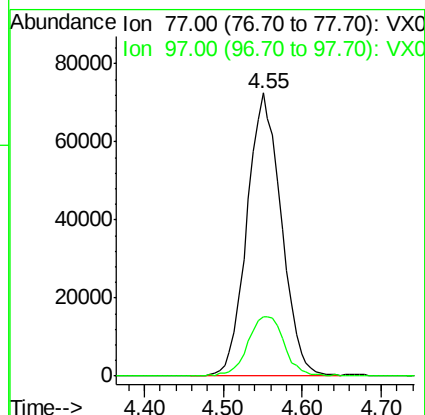
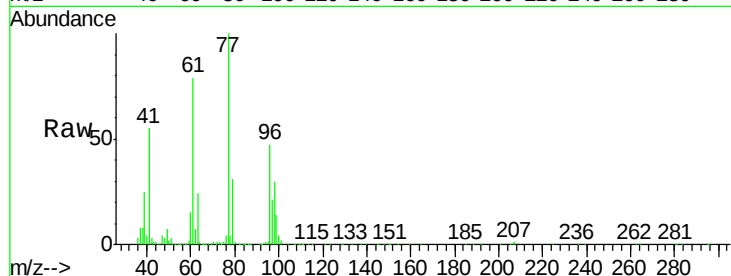
VSTDICCC020

Tot Ion: 77 Resp: 219996

Ion Ratio Lower Upper

77 100

97 22.1 17.6 26.4



#32

1,1,1-Trichloroethane

Concen: 21.723 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

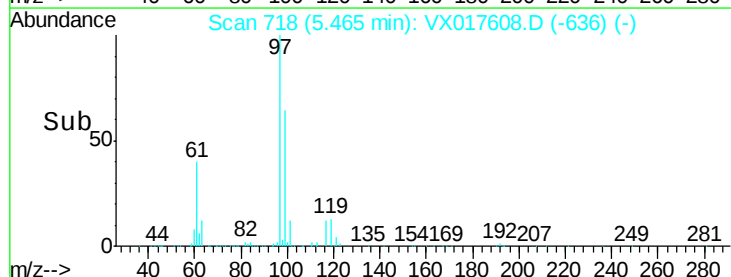
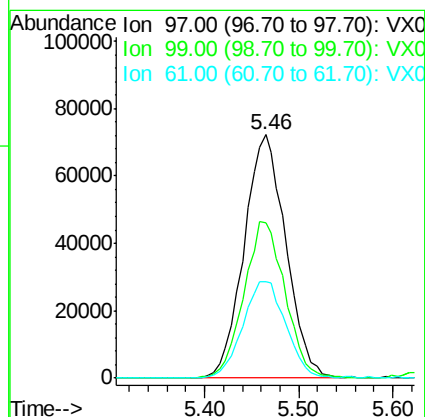
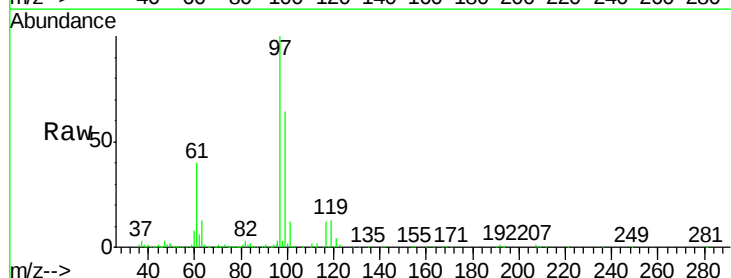
Tgt Ion: 97 Resp: 224082

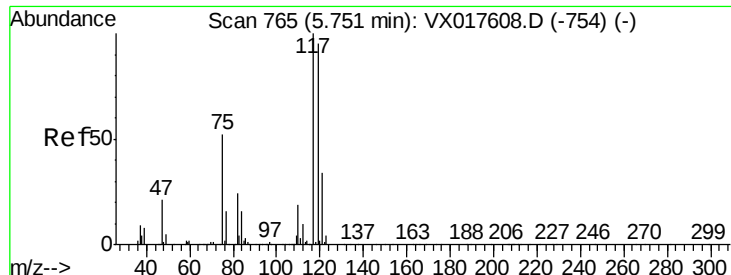
Ion Ratio Lower Upper

97 100

99 63.2 50.6 75.8

61 40.7 32.6 48.8

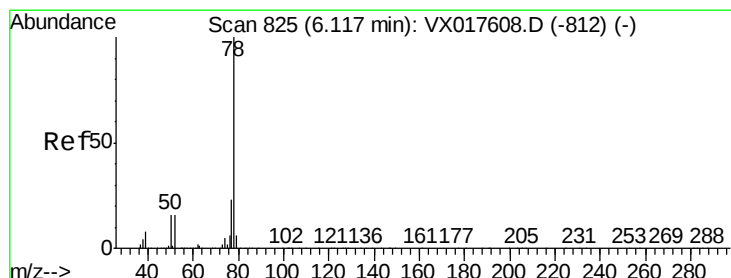
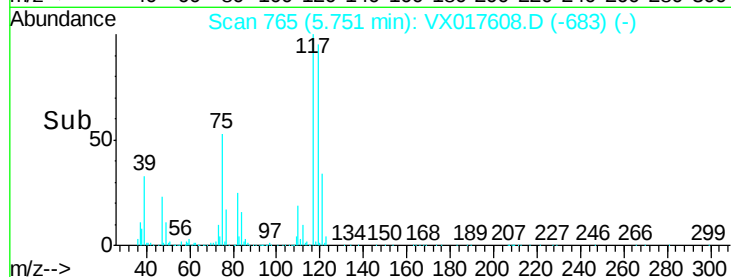
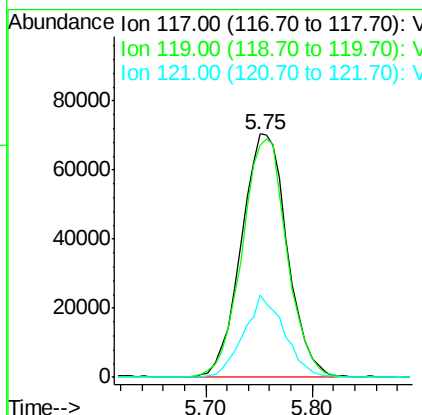
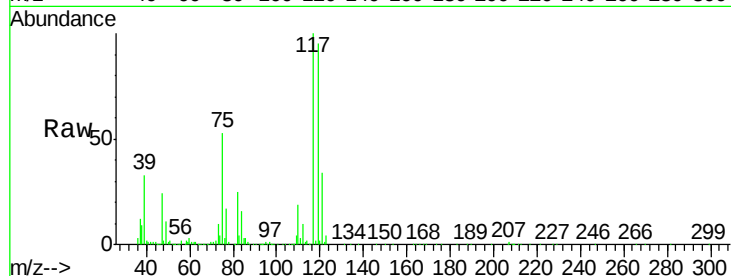




#33
Carbon Tetrachloride
Concen: 22.215 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

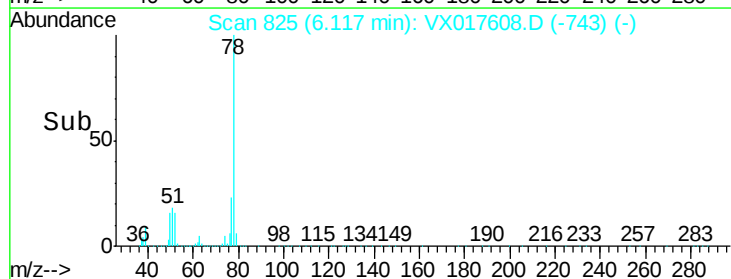
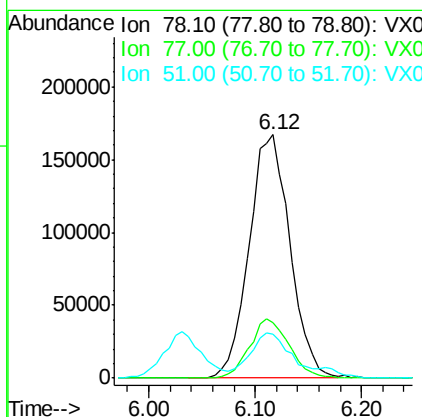
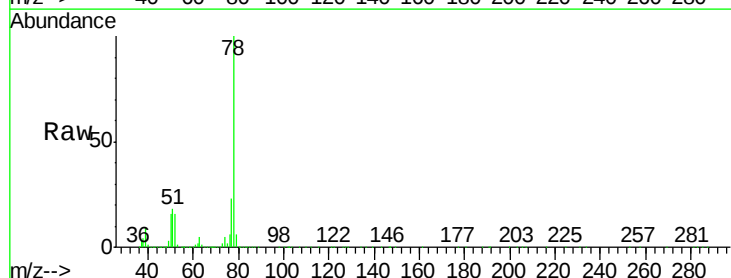
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

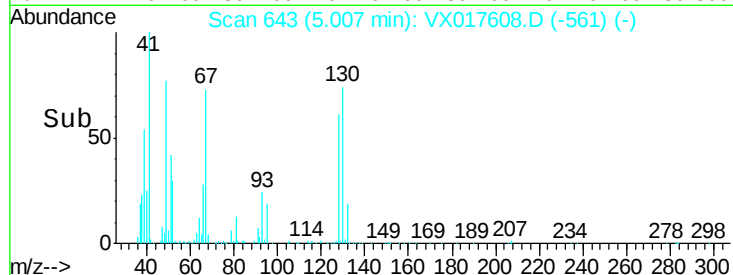
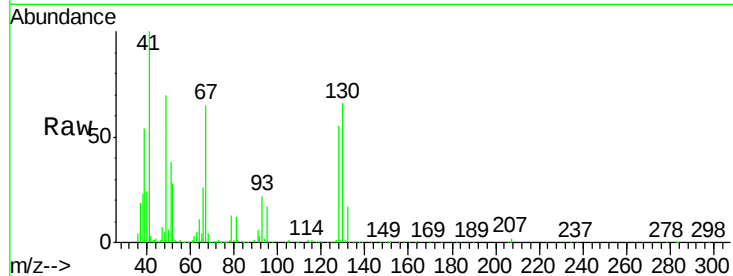
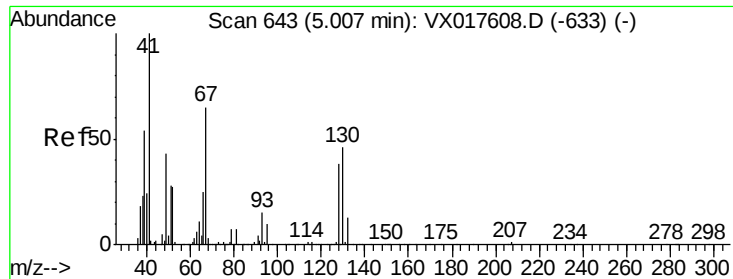
Tot Ion:117 Resp: 212711
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2
121 33.5 26.8 40.2



#34
Benzene
Concen: 19.527 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion: 78 Resp: 448843
Ion Ratio Lower Upper
78 100
77 22.9 18.3 27.5
51 15.4 12.3 18.5

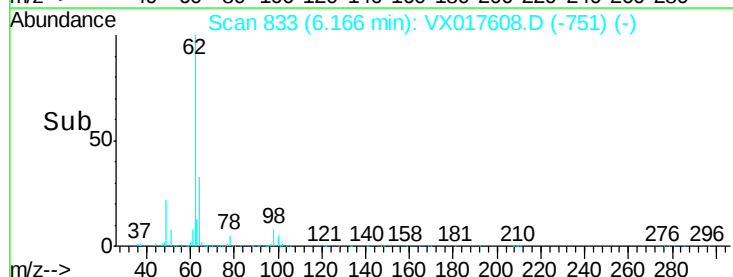
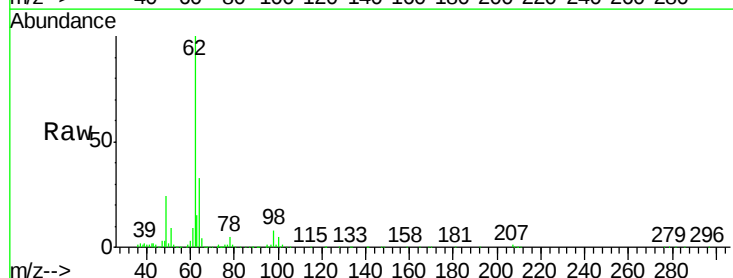
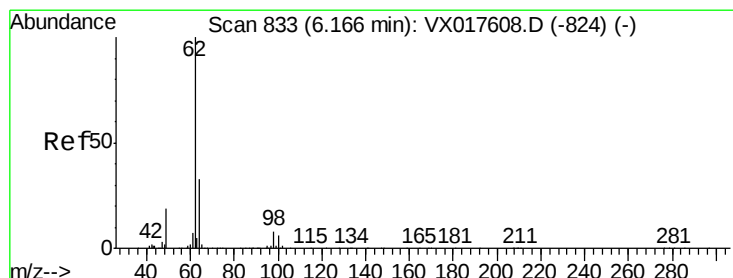
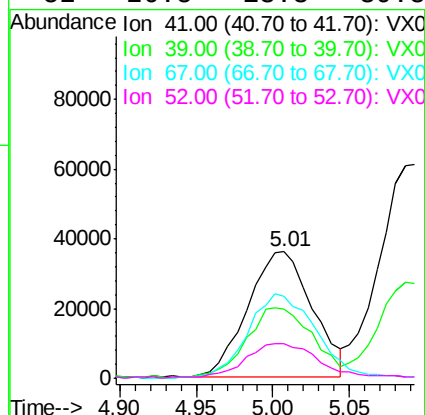




#35
Methacrylonitrile
Concen: 21.560 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

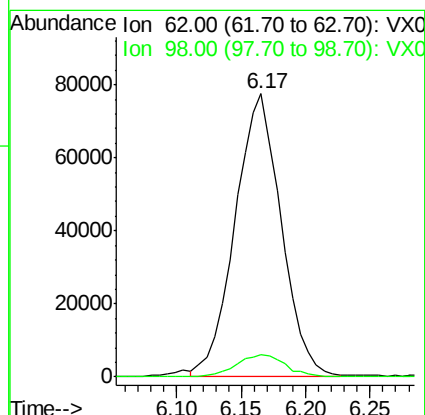
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

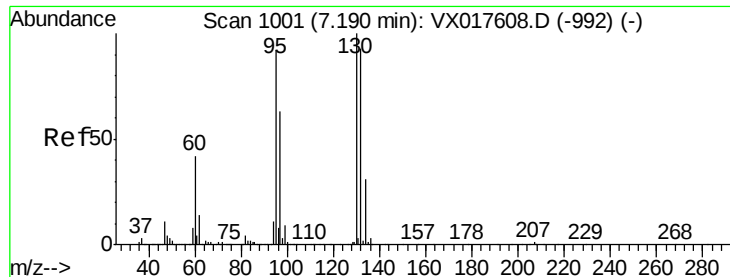
Tot Ion:	41	Resp:	105123
Ion	Ratio	Lower	Upper
41	100		
39	54.0	27.0	81.0
67	64.7	32.4	97.0
52	26.5	13.3	39.8



#36
1,2-Dichloroethane
Concen: 20.968 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion:	62	Resp:	193241
Ion	Ratio	Lower	Upper
62	100		
98	8.3	6.6	10.0





#37

Trichloroethene

Concen: 21.561 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

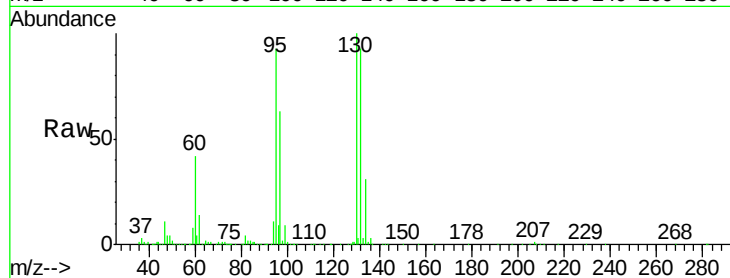
VSTDICCC020

Tot Ion:130 Resp: 152845

Ion Ratio Lower Upper

130 100

95 92.4 73.9 110.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

80000

60000

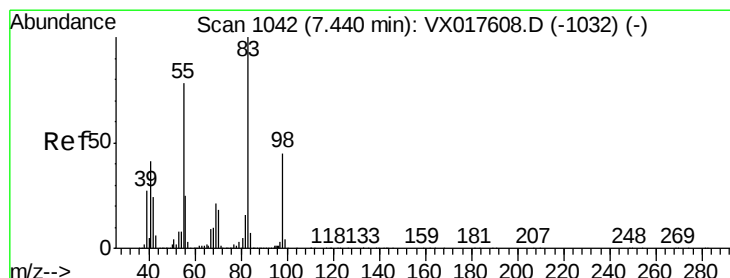
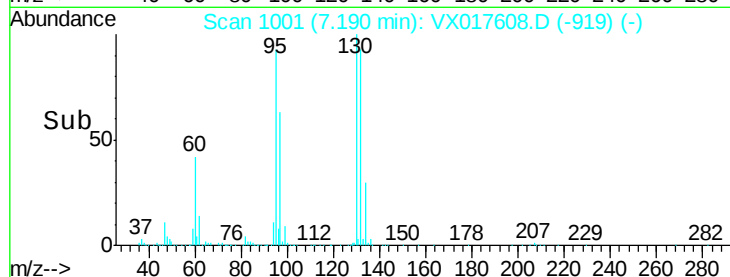
40000

20000

0

7.10 7.20 7.30

Time-->



#38

Methylcyclohexane

Concen: 22.808 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

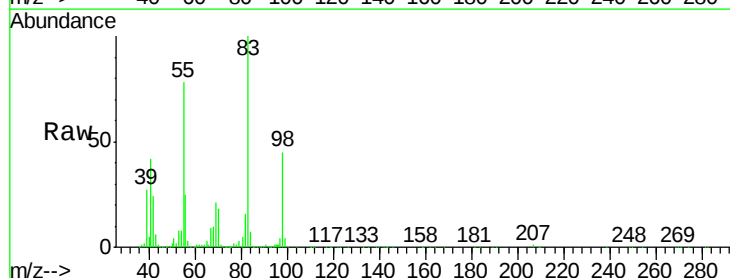
Tgt Ion: 83 Resp: 192903

Ion Ratio Lower Upper

83 100

55 79.1 39.6 118.7

98 47.8 23.9 71.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

120000

100000

80000

60000

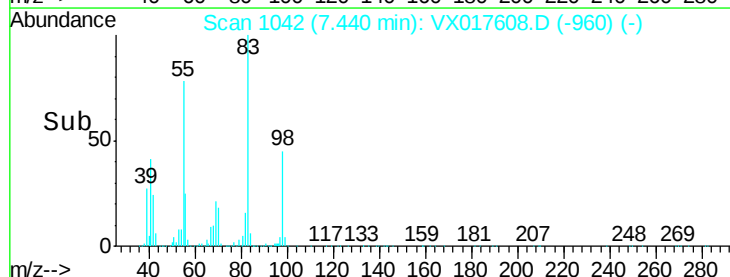
40000

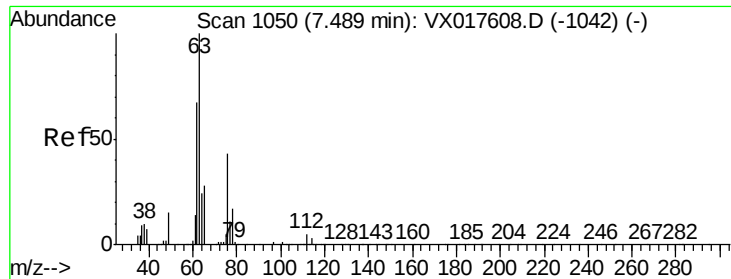
20000

0

7.35 7.40 7.45 7.50

Time-->

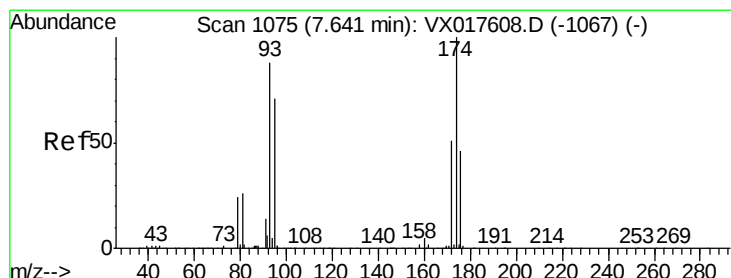
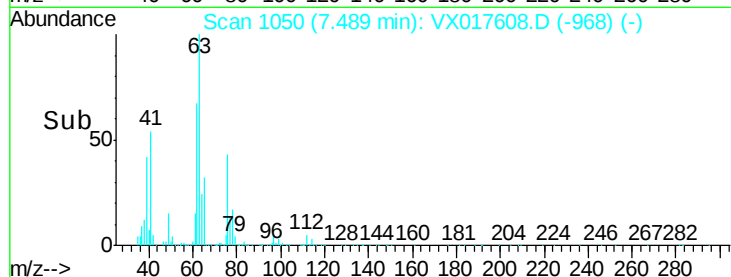
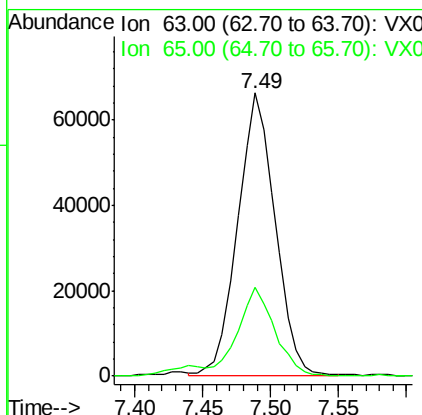
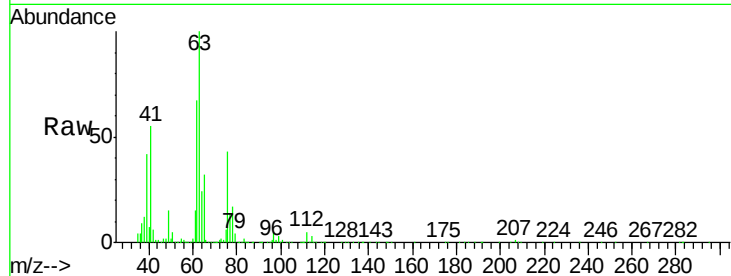




#39
 1,2-Dichloropropane
 Concen: 20.874 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

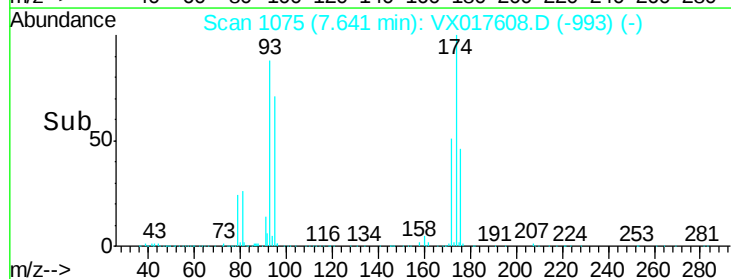
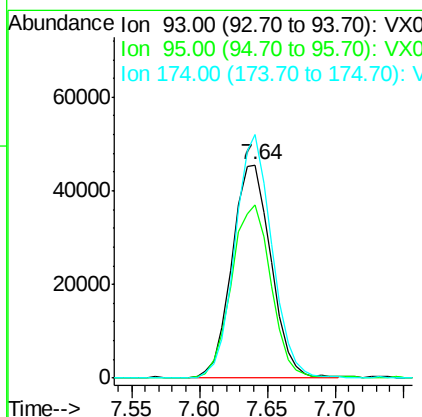
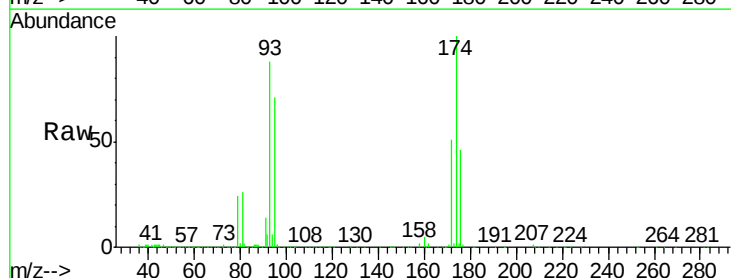
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

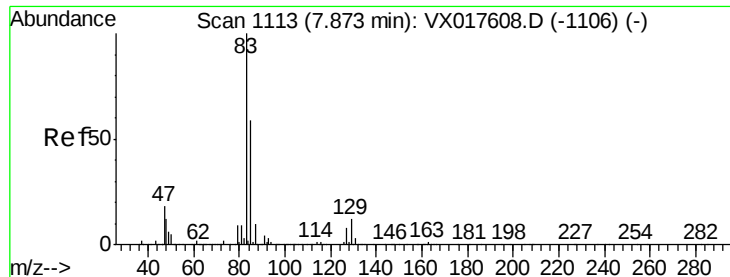
Tot Ion: 63 Resp: 127845
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.2 37.8



#40
 Dibromomethane
 Concen: 20.804 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Tgt Ion: 93 Resp: 91893
 Ion Ratio Lower Upper
 93 100
 95 81.7 0.0 163.4
 174 107.3 0.0 214.6





#41

Bromodichloromethane

Concen: 21.560 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

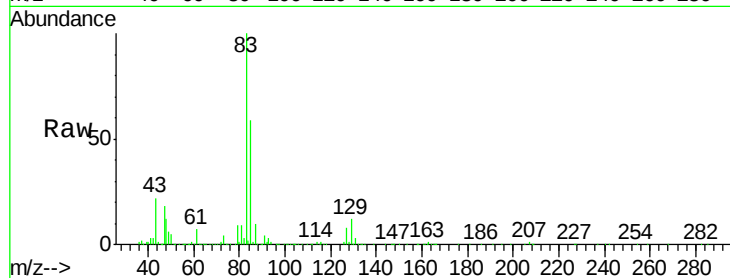
Tot Ion: 83 Resp: 200516

Ion Ratio Lower Upper

83 100

85 59.2 47.4 71.0

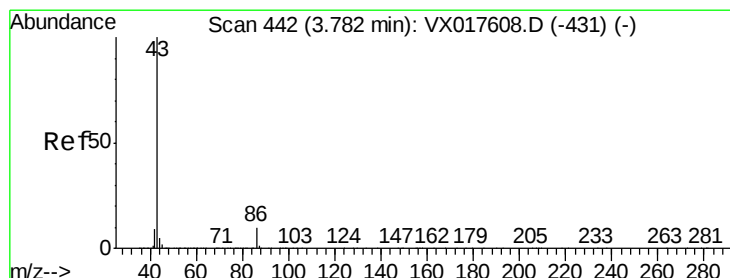
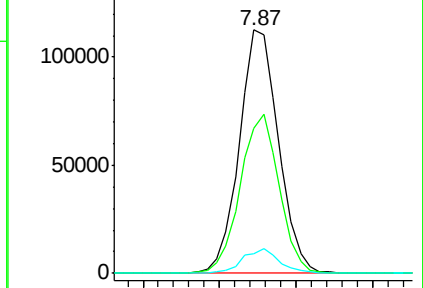
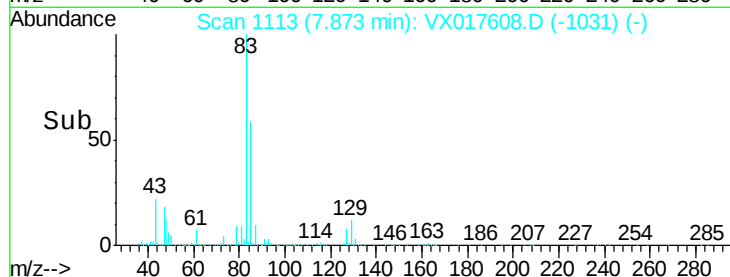
127 7.9 6.3 9.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 93.644 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX017608.D

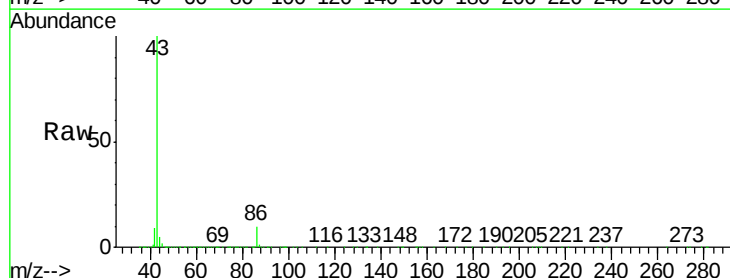
Acq: 27 Jul 2020 09:46

Tgt Ion: 43 Resp: 1500358

Ion Ratio Lower Upper

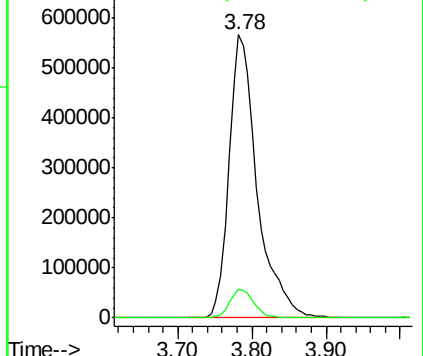
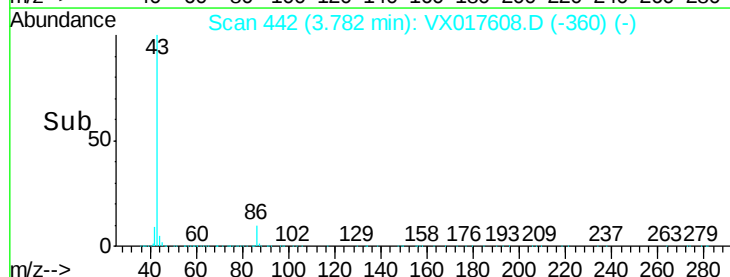
43 100

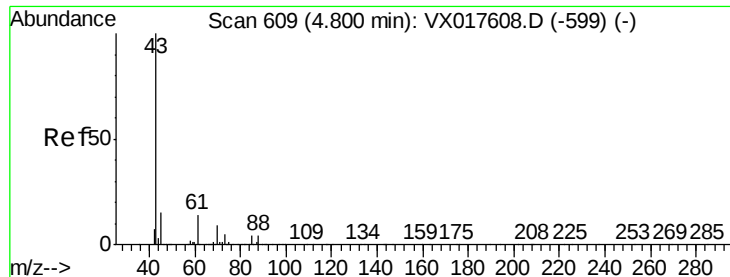
86 8.8 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

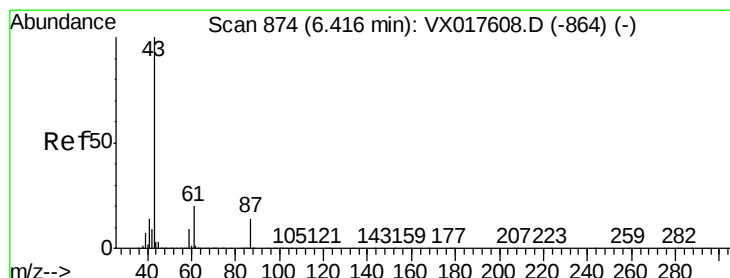
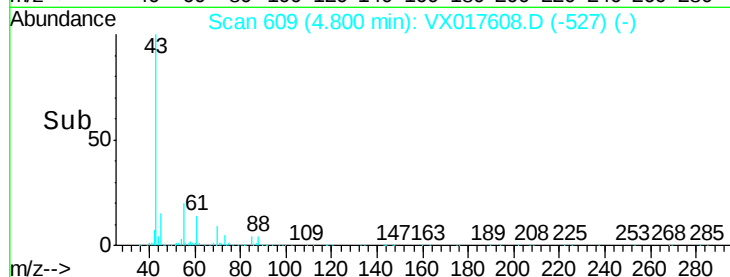
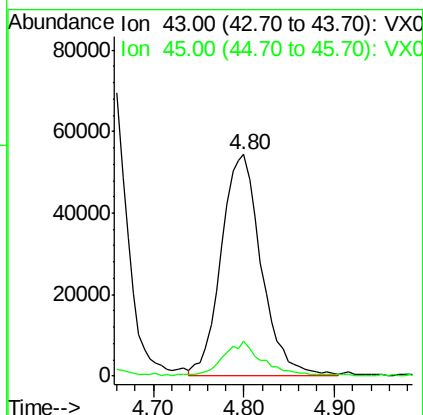
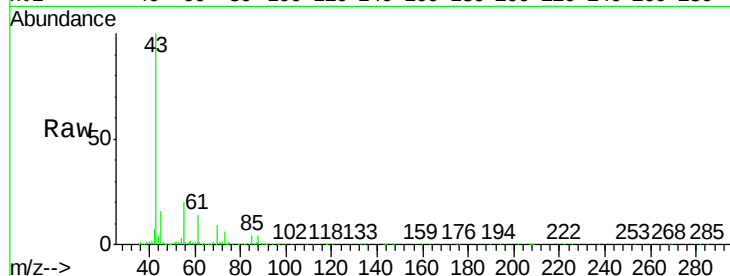




#43
Ethyl Acetate
Concen: 19.846 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

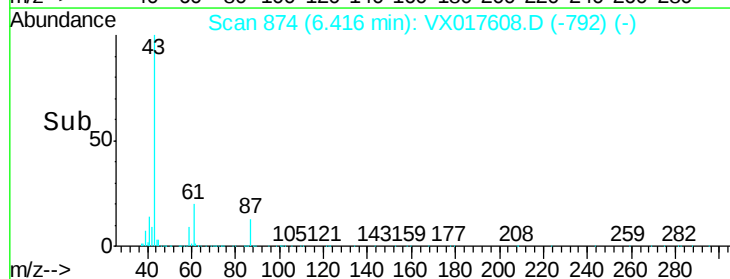
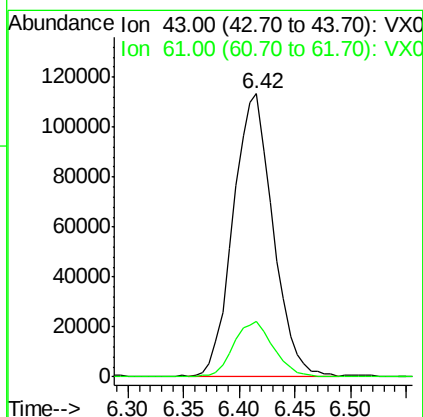
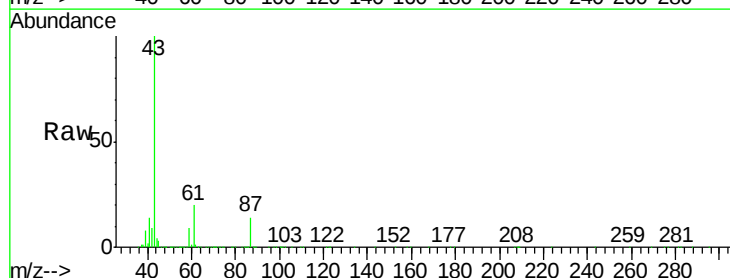
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

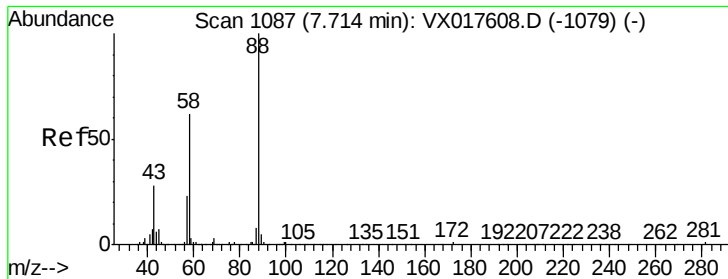
Tot Ion: 43 Resp: 165324
Ion Ratio Lower Upper
43 100
45 14.4 11.4 17.2



#44
Isopropyl Acetate
Concen: 20.049 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion: 43 Resp: 280640
Ion Ratio Lower Upper
43 100
61 19.9 15.9 23.9





#45

1,4-Dioxane

Concen: 433.074 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

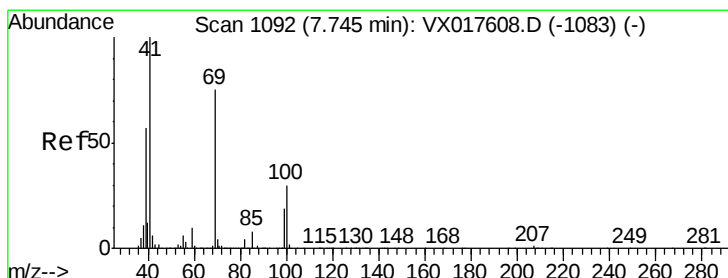
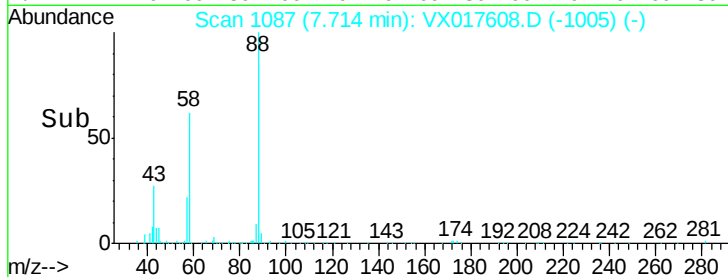
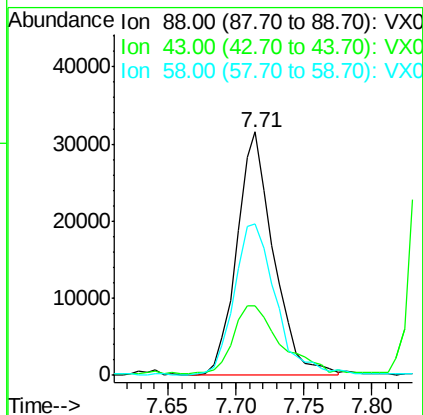
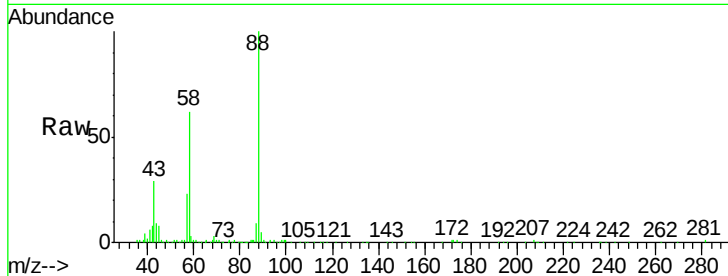
Tot Ion: 88 Resp: 59470

Ion Ratio Lower Upper

88 100

43 36.3 29.0 43.6

58 69.5 55.6 83.4



#46

Methyl methacrylate

Concen: 19.909 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

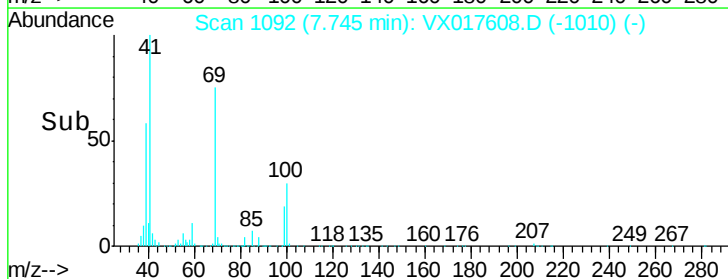
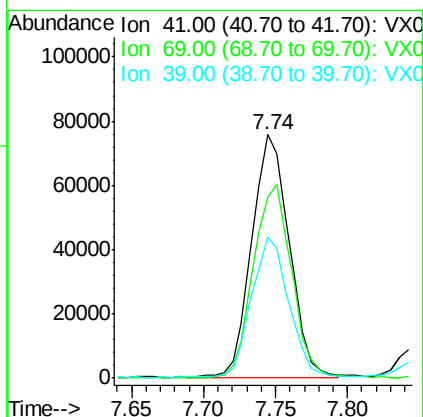
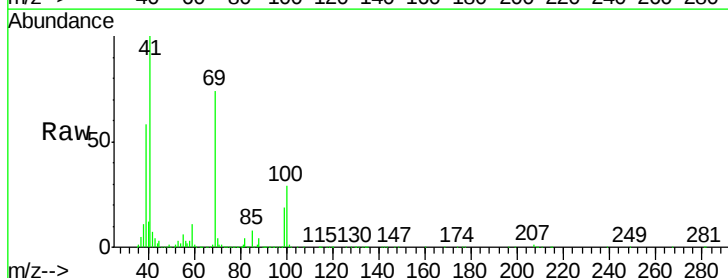
Tgt Ion: 41 Resp: 135505

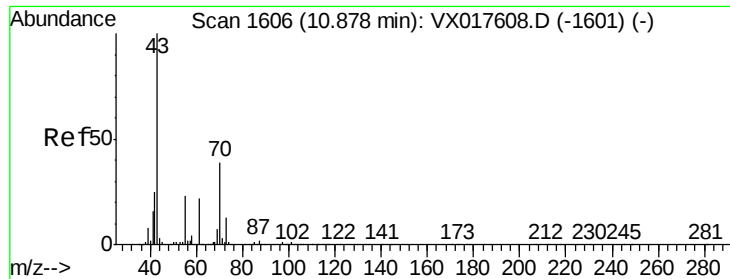
Ion Ratio Lower Upper

41 100

69 74.7 37.4 112.1

39 57.4 28.7 86.1





#47

n-amvl Acetate

Concen: 18.863 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

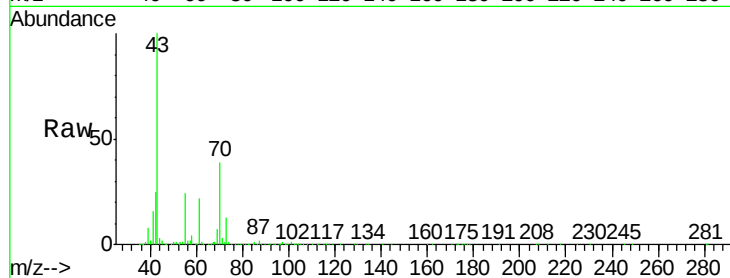
VSTDICCC020

Tot Ion: 43 Resp: 233293

Ion Ratio Lower Upper

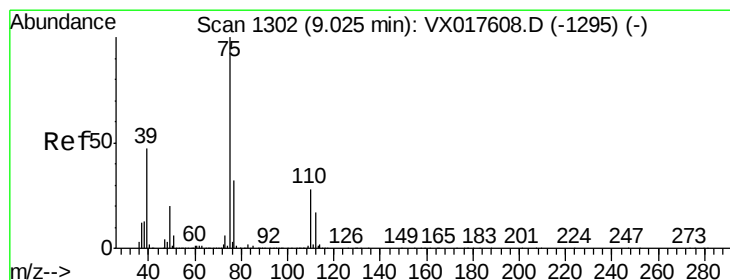
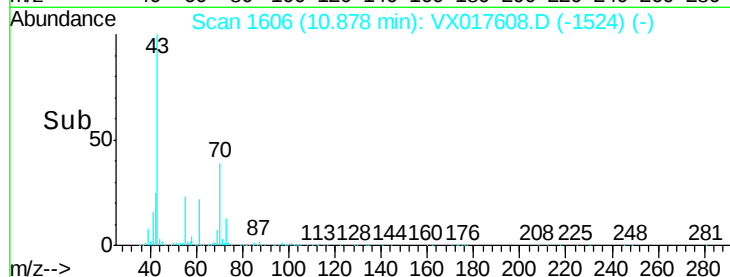
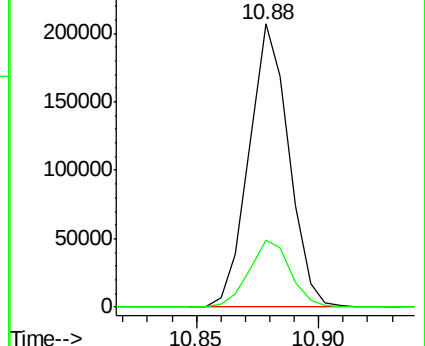
43 100

55 24.4 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 21.319 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017608.D

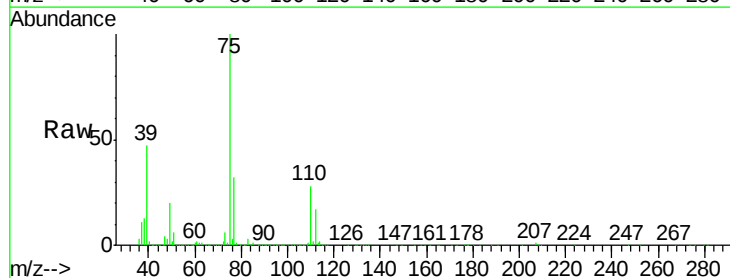
Acq: 27 Jul 2020 09:46

Tgt Ion: 75 Resp: 220307

Ion Ratio Lower Upper

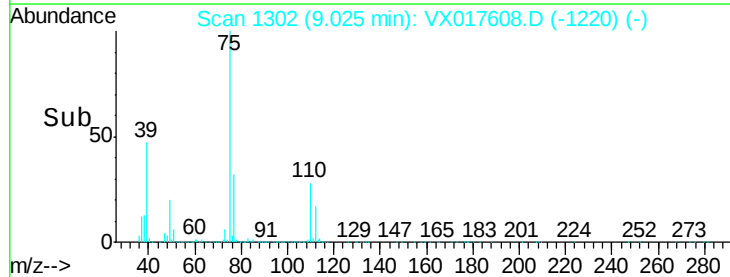
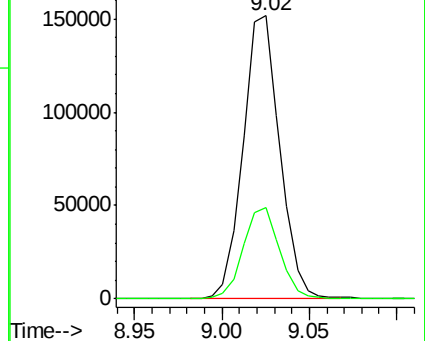
75 100

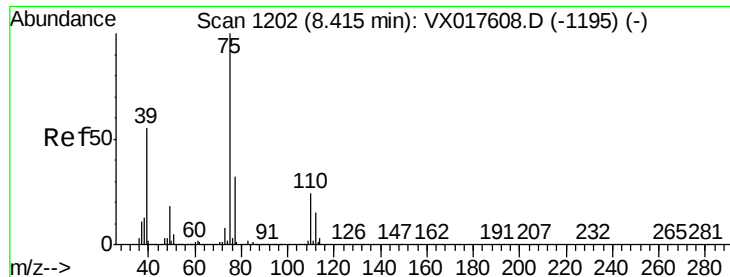
77 32.0 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



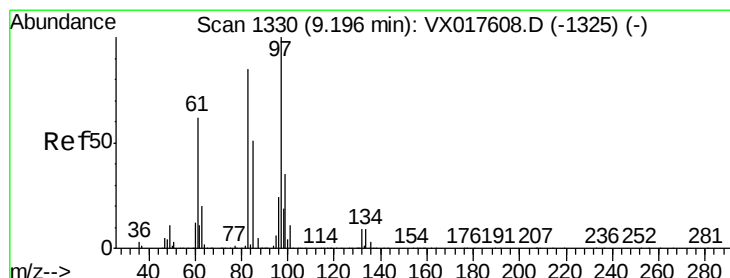
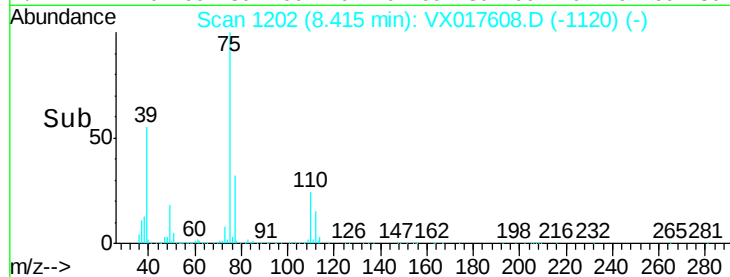
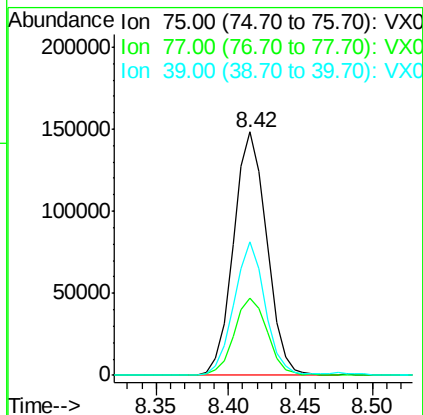
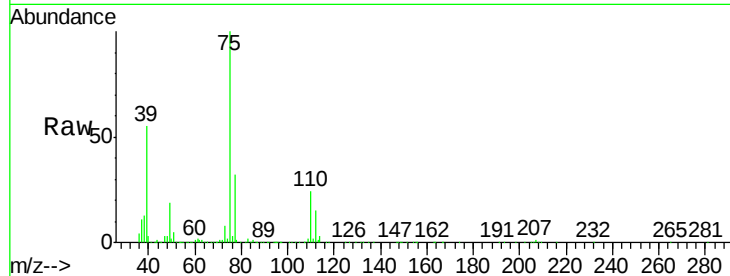


#49

cis-1,3-Dichloropropene
 Concen: 22.089 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

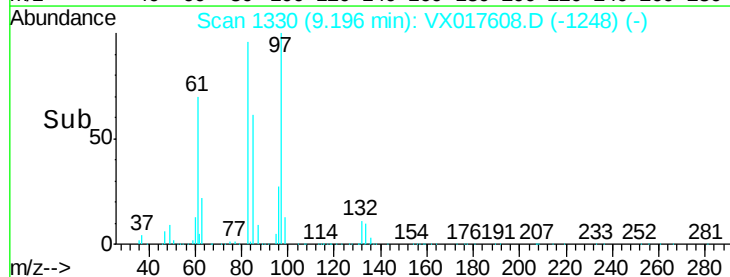
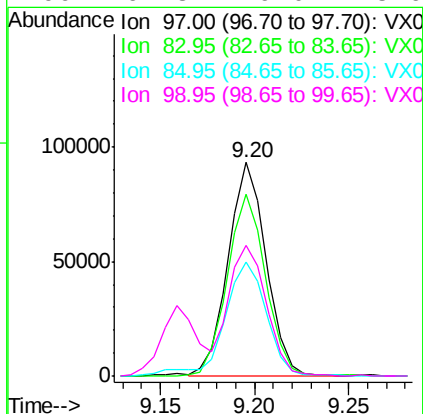
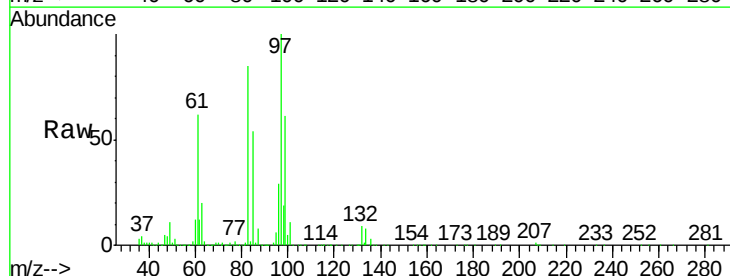
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.0
39	54.5	43.6	65.4

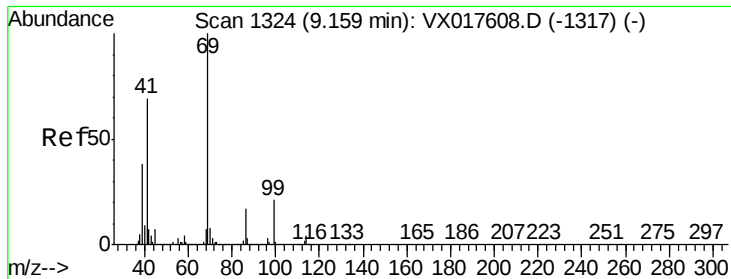


#50

1,1,2-Trichloroethane
 Concen: 20.133 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.2	102.2
85	53.3	42.6	64.0
99	61.3	49.0	73.6





#51

Ethyl methacrylate

Concen: 20.415 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

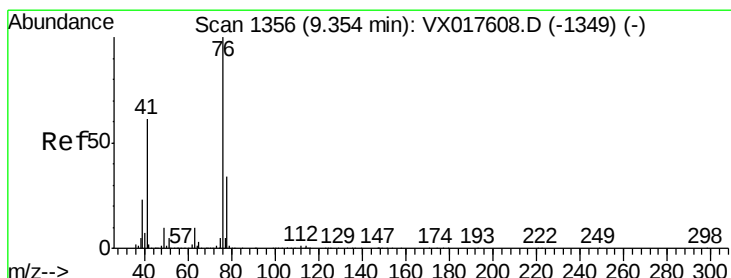
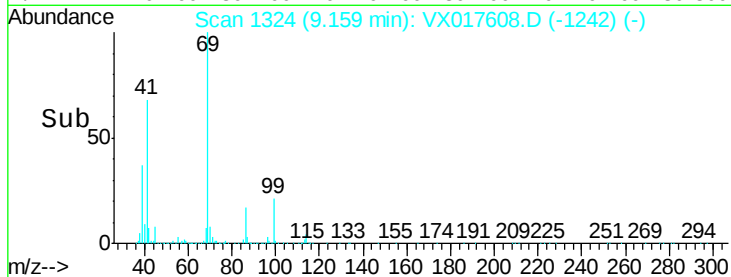
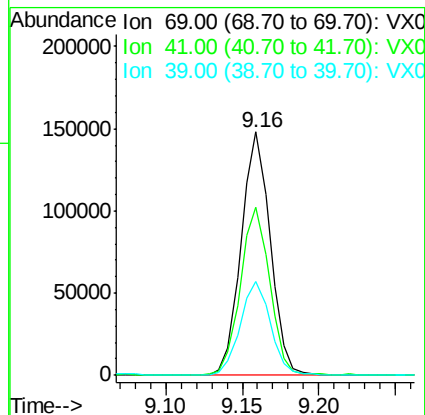
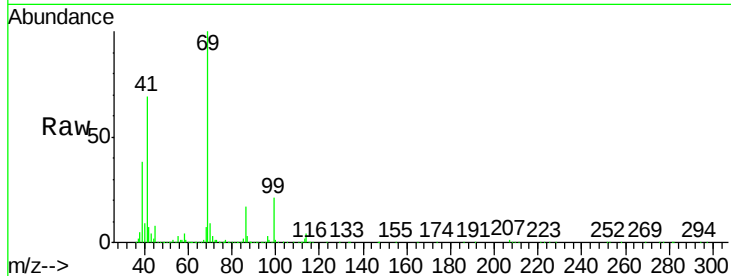
Tot Ion: 69 Resp: 195648

Ion Ratio Lower Upper

69 100

41 68.8 34.4 103.2

39 38.1 19.1 57.1



#52

1,3-Dichloropropane

Concen: 19.740 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017608.D

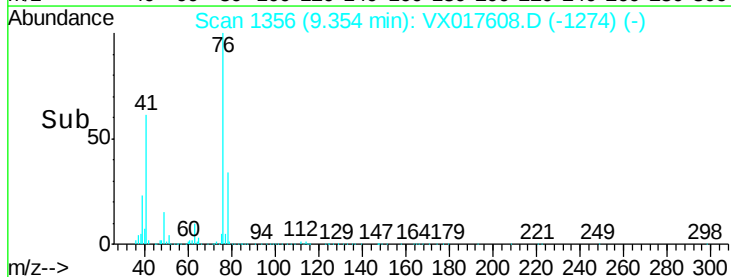
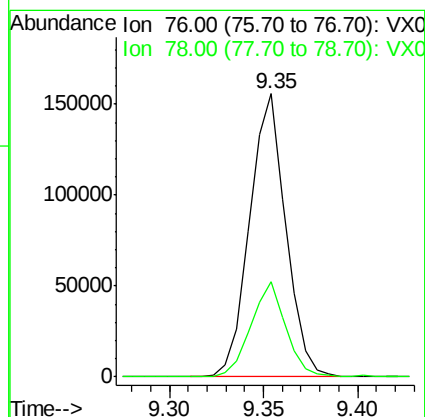
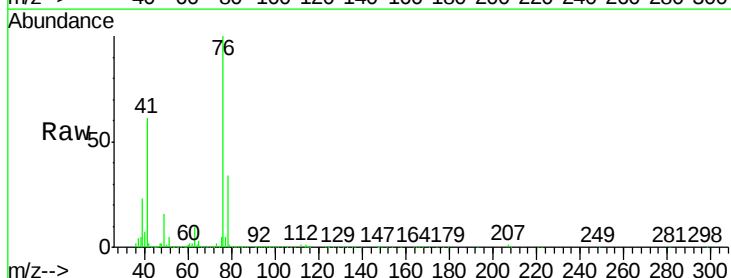
Acq: 27 Jul 2020 09:46

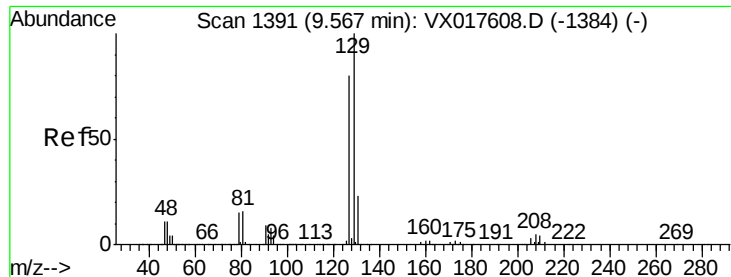
Tgt Ion: 76 Resp: 207164

Ion Ratio Lower Upper

76 100

78 32.7 0.0 65.4





#53

Dibromochloromethane

Concen: 19.175 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

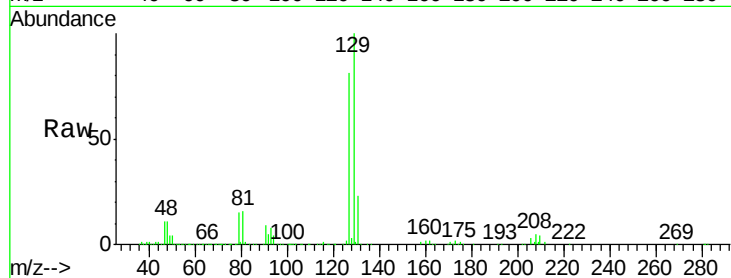
VSTDICCC020

Tot Ion:129 Resp: 150758

Ion Ratio Lower Upper

129 100

127 79.4 39.7 119.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.57

120000

100000

80000

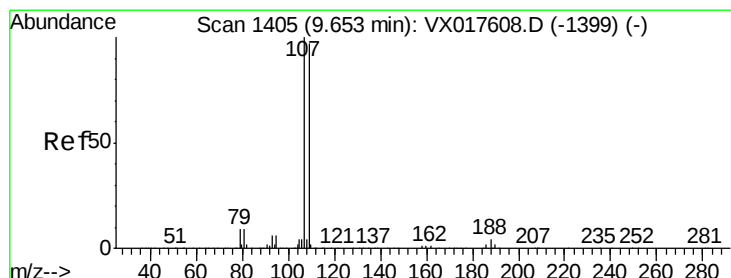
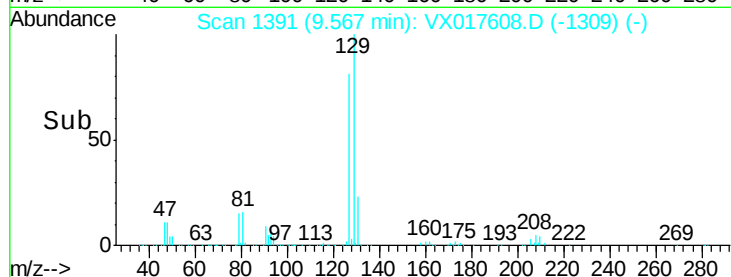
60000

40000

20000

0

Time--> 9.50 9.55 9.60



#54

1,2-Dibromoethane

Concen: 19.588 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017608.D

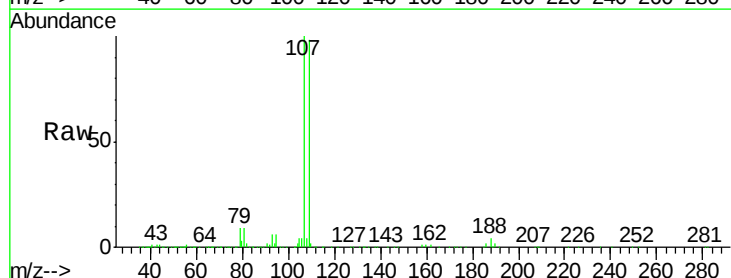
Acq: 27 Jul 2020 09:46

Tgt Ion:107 Resp: 135329

Ion Ratio Lower Upper

107 100

109 94.5 75.6 113.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.65

100000

80000

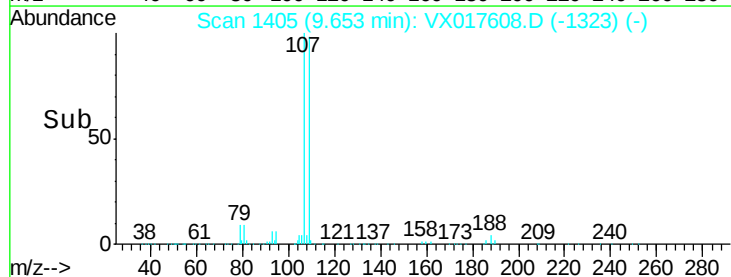
60000

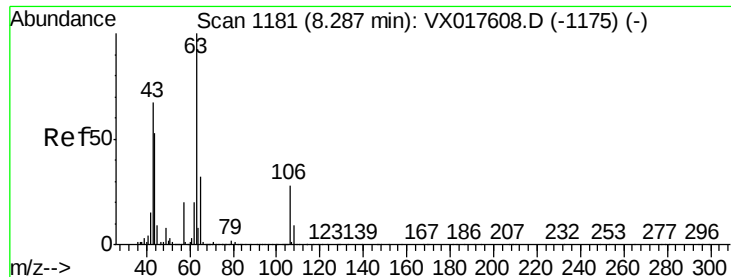
40000

20000

0

Time--> 9.60 9.65 9.70

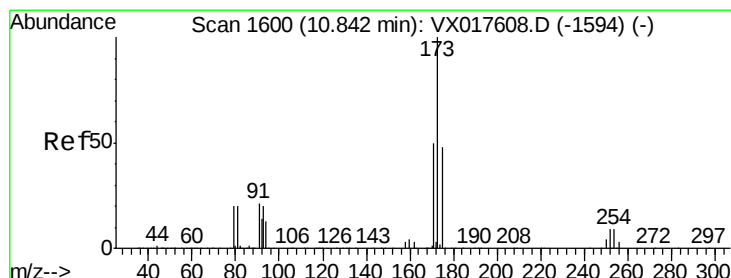
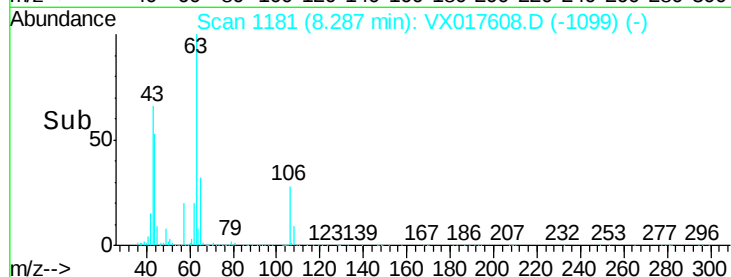
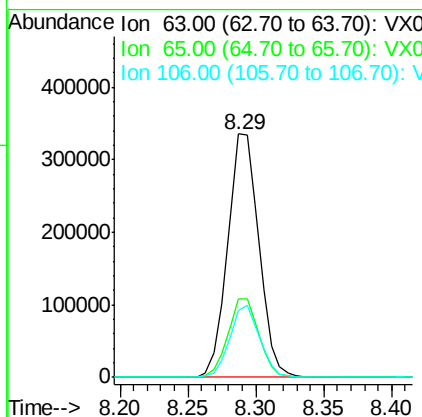
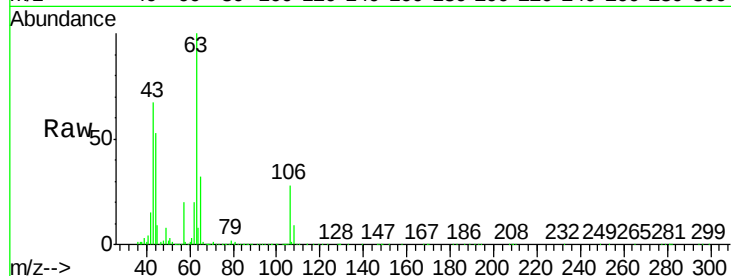




#55
2-Chloroethyl vinyl ether
Concen: 119.276 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

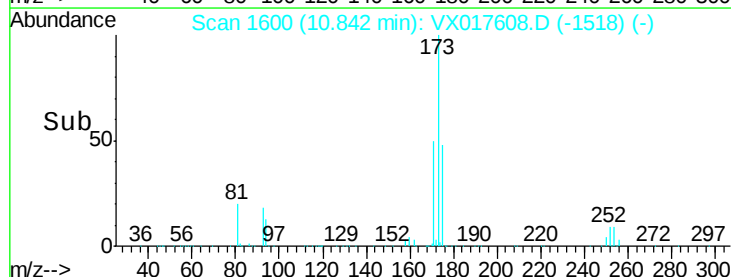
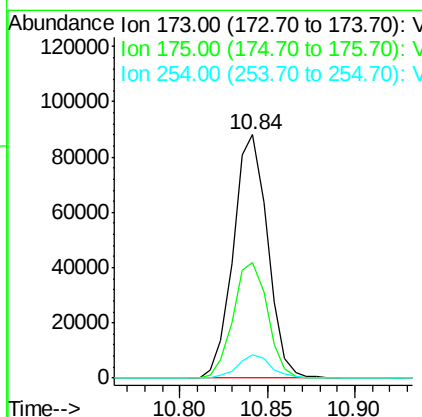
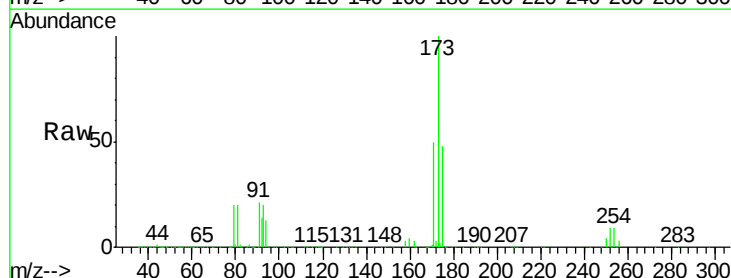
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

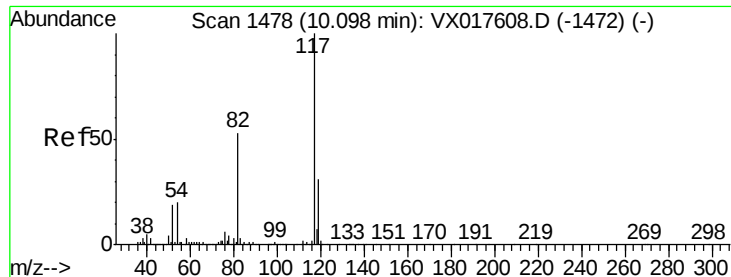
Tot Ion: 63 Resp: 537164
Ion Ratio Lower Upper
63 100
65 31.9 25.5 38.3
106 28.6 22.9 34.3



#56
Bromoform
Concen: 19.361 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion: 173 Resp: 120072
Ion Ratio Lower Upper
173 100
175 47.8 38.2 57.4
254 9.3 7.4 11.2

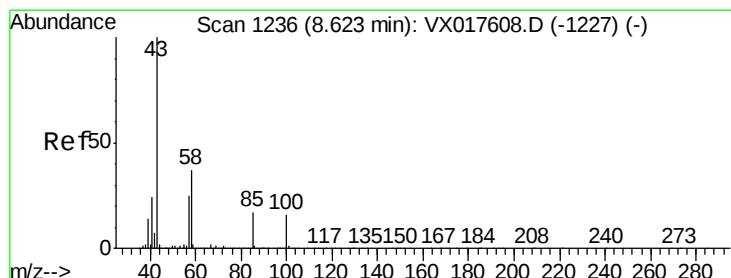
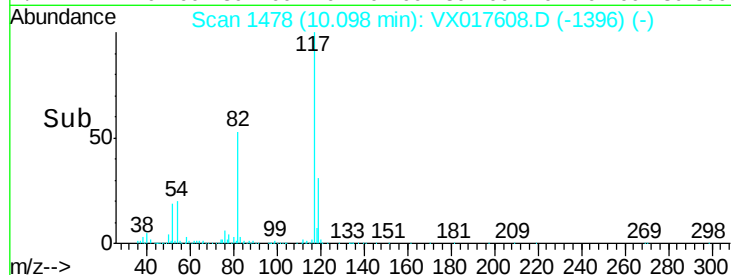
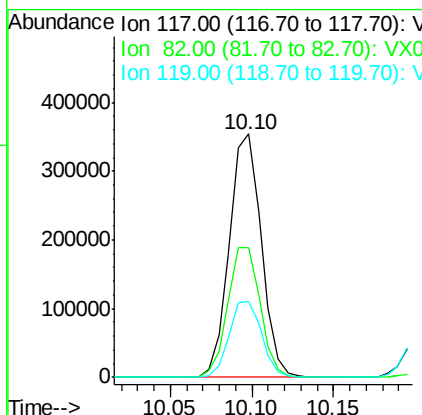
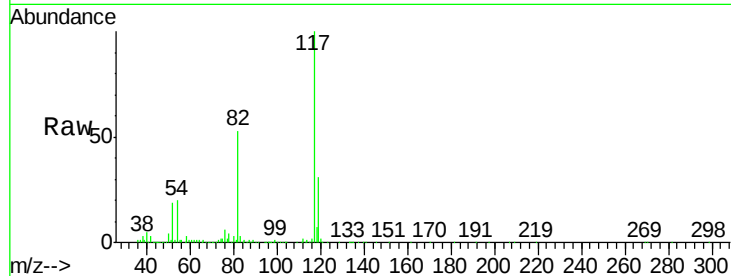




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

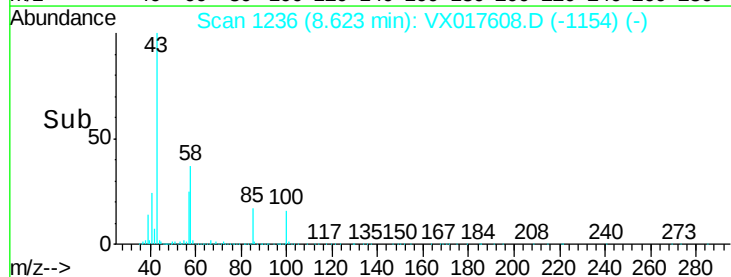
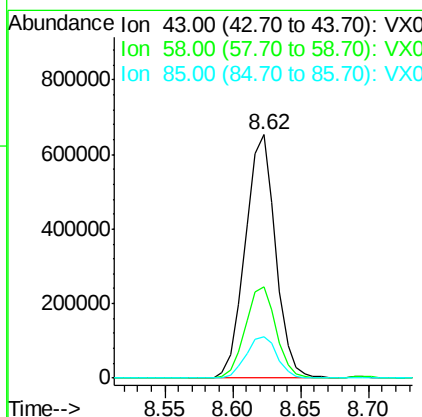
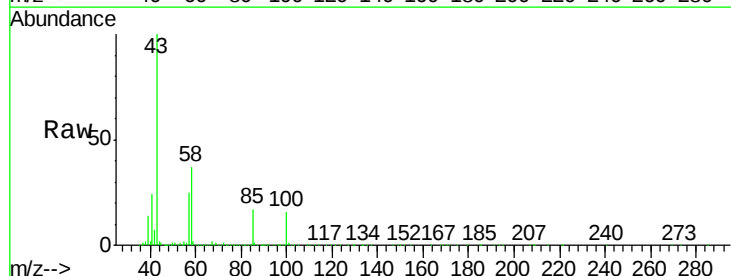
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

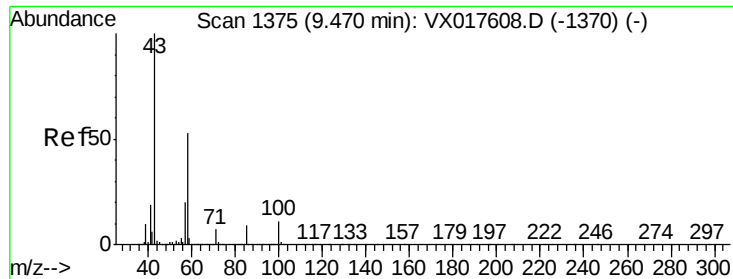
Tot Ion:117 Resp: 483766
Ion Ratio Lower Upper
117 100
82 54.5 43.6 65.4
119 32.1 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 123.728 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion: 43 Resp: 1017970
Ion Ratio Lower Upper
43 100
58 38.1 30.5 45.7
85 17.7 14.2 21.2

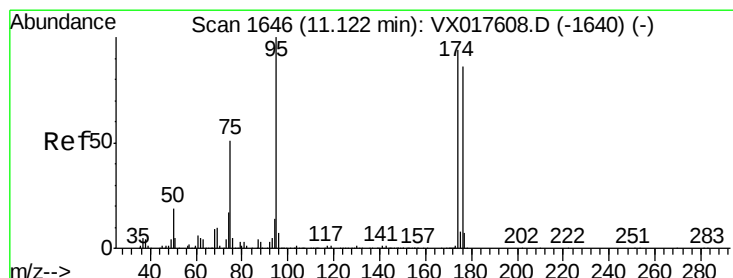
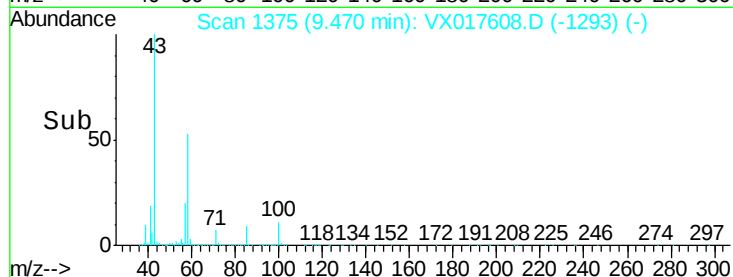
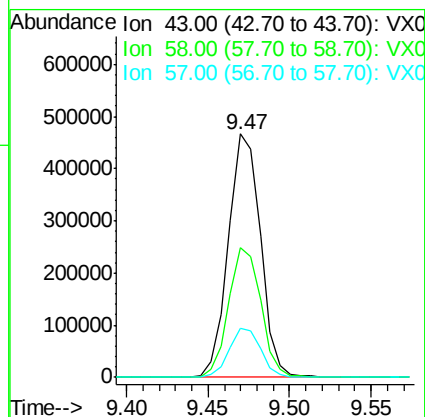
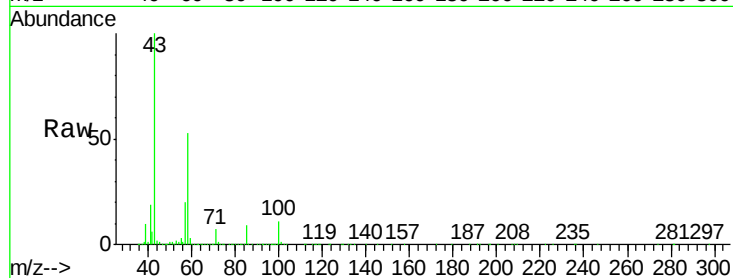




#59
2-Hexanone
Concen: 106.375 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

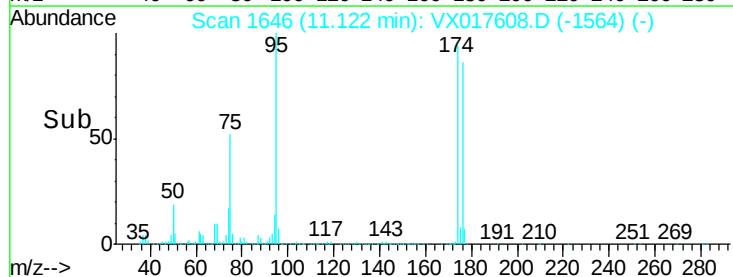
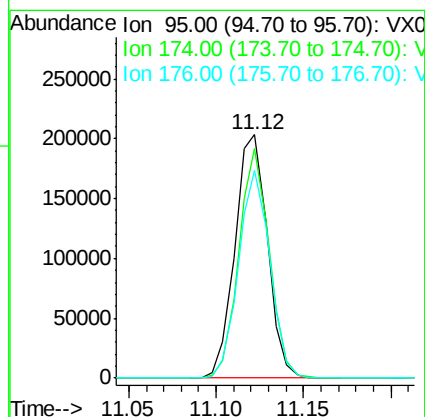
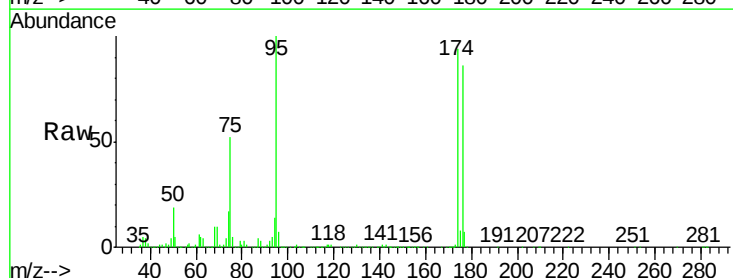
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

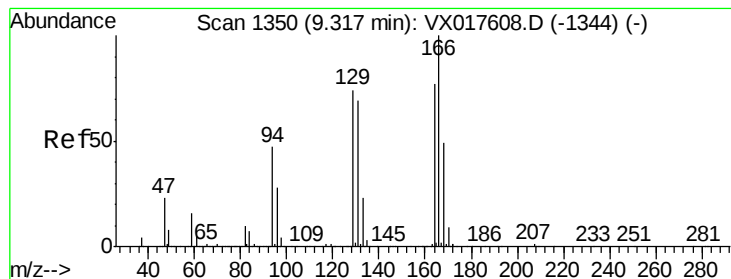
Tot Ion: 43 Resp: 639593
Ion Ratio Lower Upper
43 100
58 53.6 42.9 64.3
57 20.1 16.1 24.1



#60
4-Bromofluorobenzene
Concen: 31.425 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion: 95 Resp: 262826
Ion Ratio Lower Upper
95 100
174 87.7 70.2 105.2
176 82.0 65.6 98.4





#61

Tetrachloroethene

Concen: 22.766 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:164 Resp: 146325

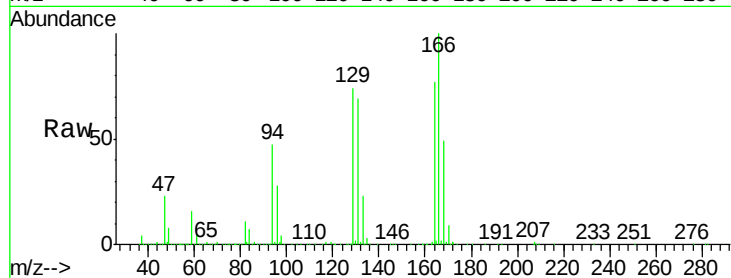
Ion Ratio Lower Upper

164 100

166 130.5 104.4 156.6

129 96.2 77.0 115.4

131 90.4 72.3 108.5

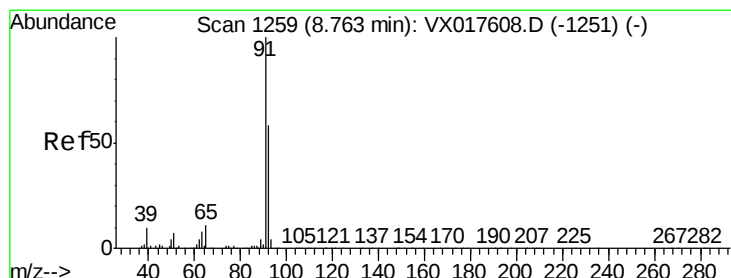
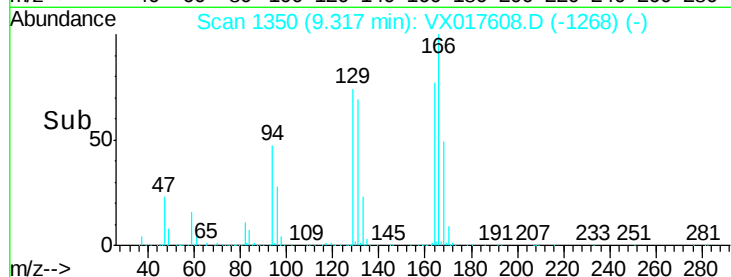
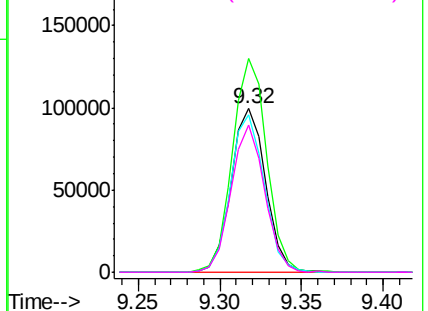


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 23.320 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017608.D

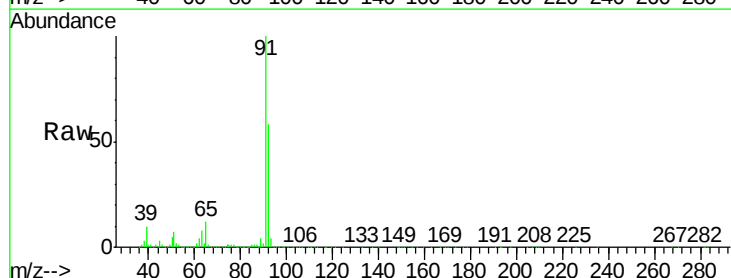
Acq: 27 Jul 2020 09:46

Tgt Ion: 91 Resp: 563543

Ion Ratio Lower Upper

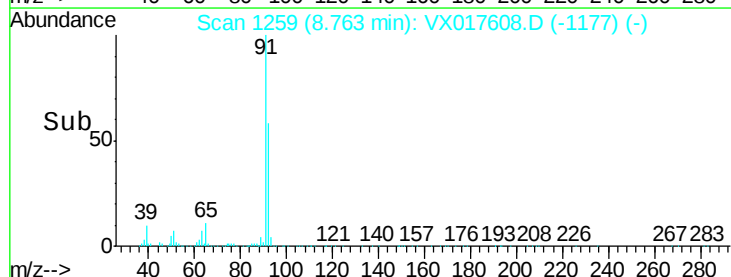
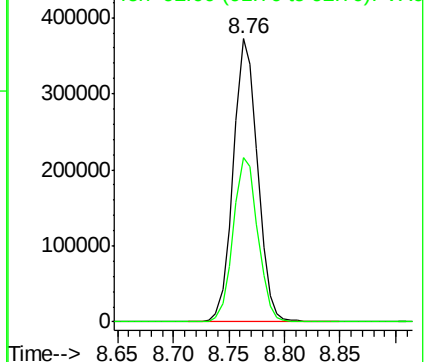
91 100

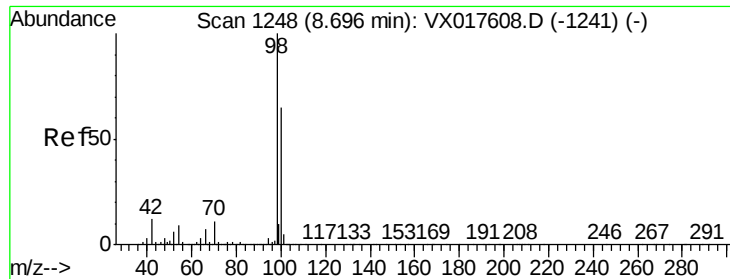
92 58.6 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 34.858 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

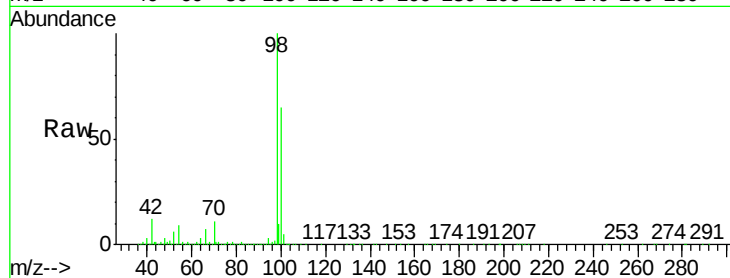
VSTDICCC020

Tot Ion: 98 Resp: 737646

Ion Ratio Lower Upper

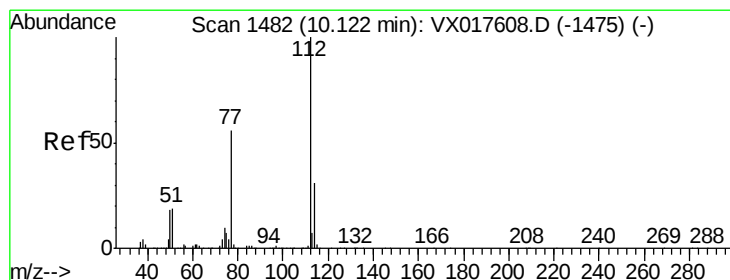
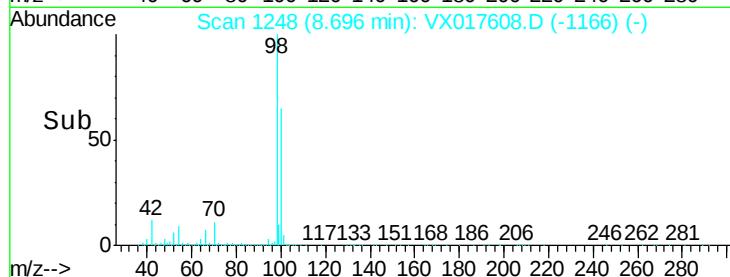
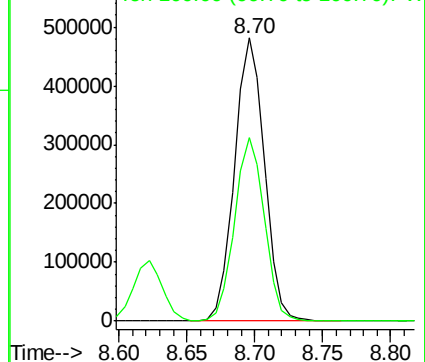
98 100

100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 20.473 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017608.D

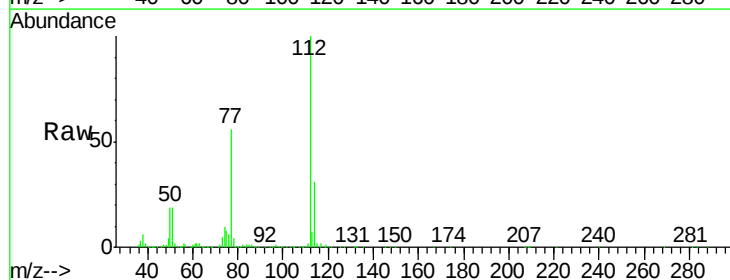
Acq: 27 Jul 2020 09:46

Tgt Ion: 112 Resp: 320455

Ion Ratio Lower Upper

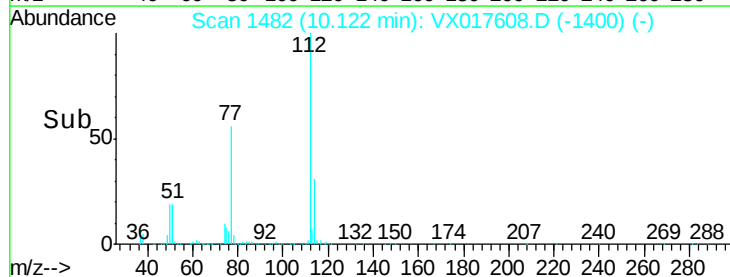
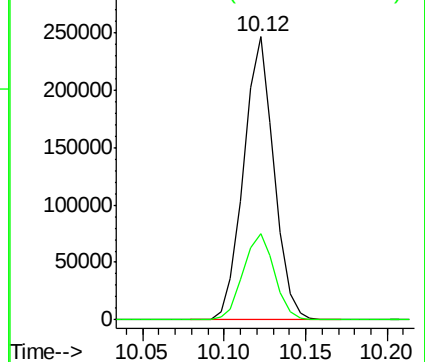
112 100

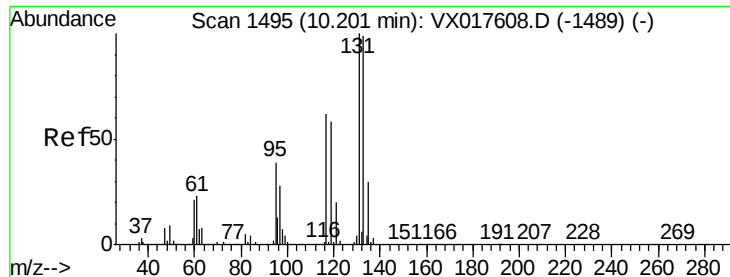
114 30.5 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 21.288 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

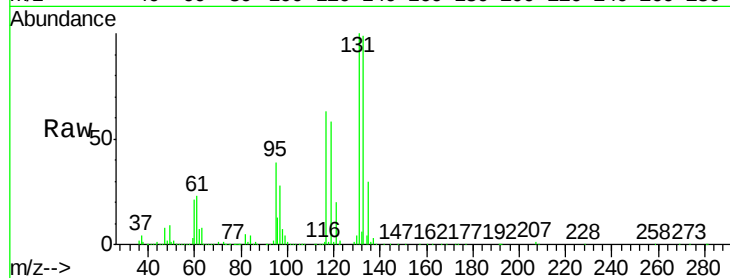
Tot Ion:131 Resp: 138037

Ion Ratio Lower Upper

131 100

133 94.9 0.0 189.8

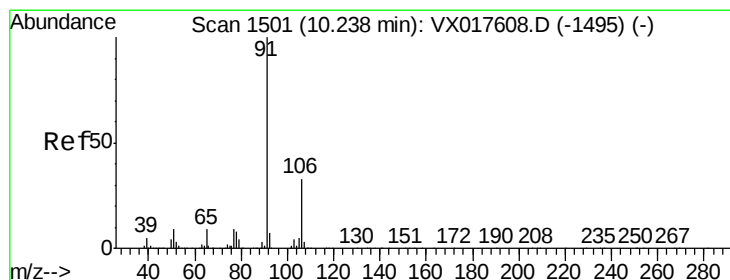
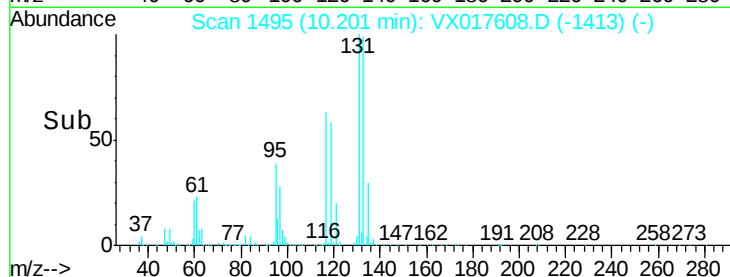
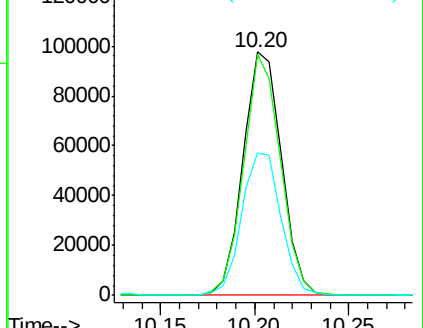
119 59.8 0.0 119.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.973 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX017608.D

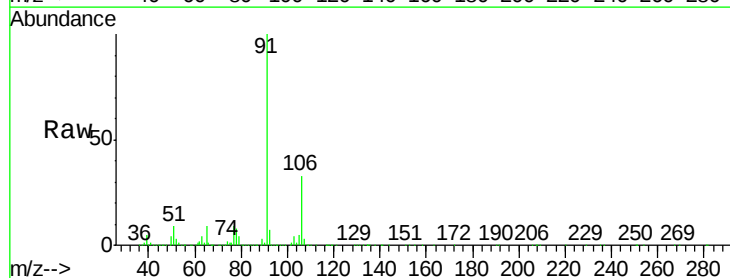
Acq: 27 Jul 2020 09:46

Tgt Ion: 91 Resp: 557281

Ion Ratio Lower Upper

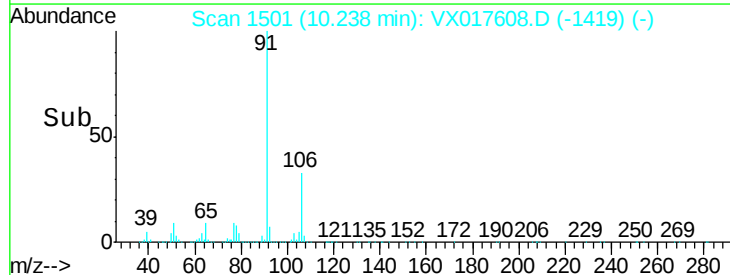
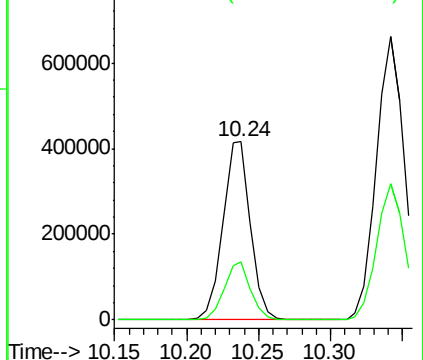
91 100

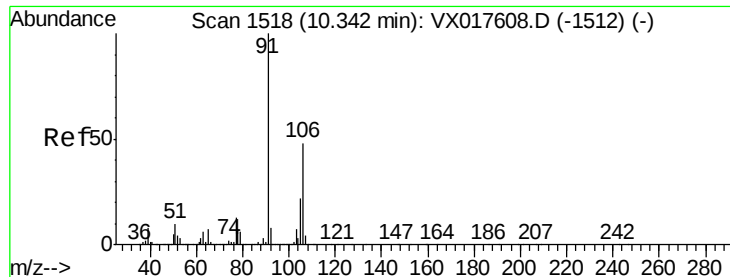
106 32.7 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 41.317 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

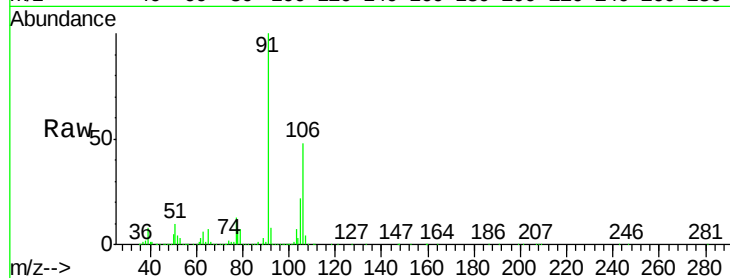
VSTDICCC020

Tot Ion:106 Resp: 421233

Ion Ratio Lower Upper

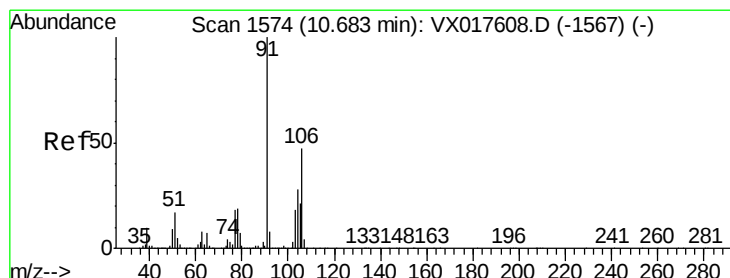
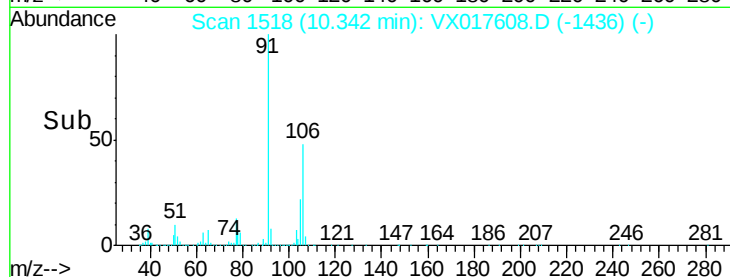
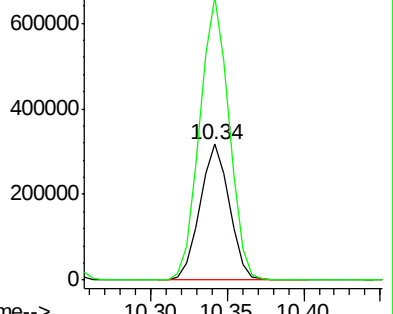
106 100

91 208.2 166.6 249.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 20.981 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX017608.D

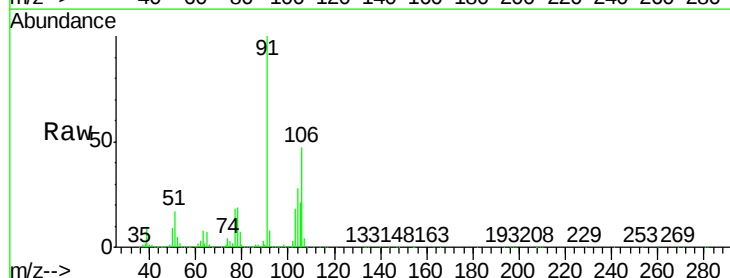
Acq: 27 Jul 2020 09:46

Tgt Ion:106 Resp: 205807

Ion Ratio Lower Upper

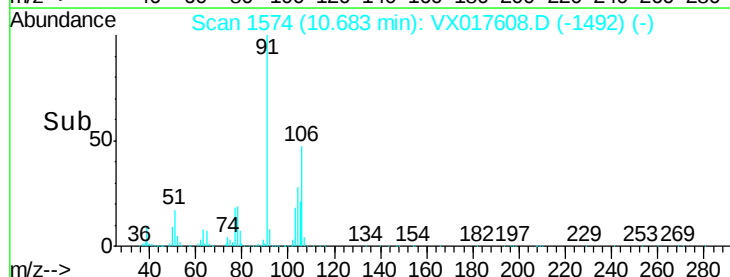
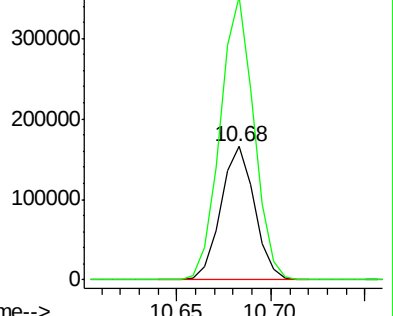
106 100

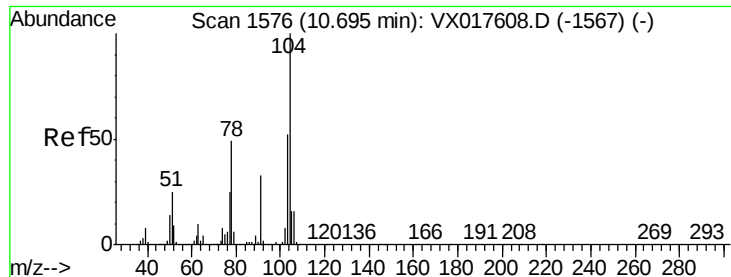
91 211.7 105.8 317.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

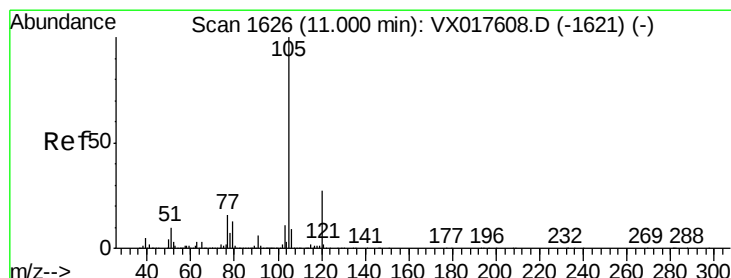
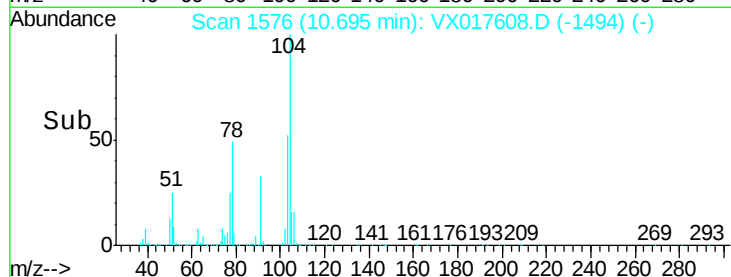
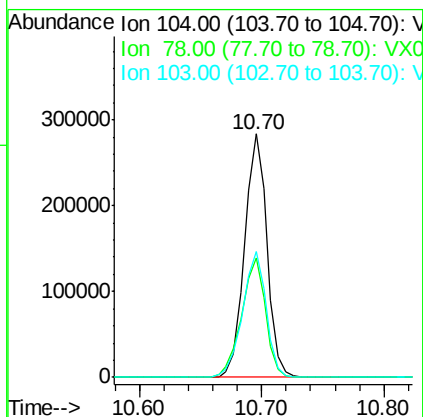
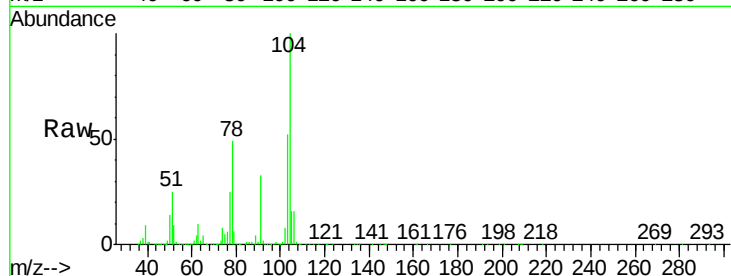




#69
Stvrene
Concen: 20.709 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

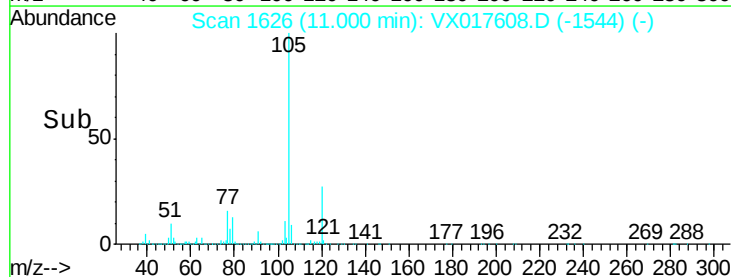
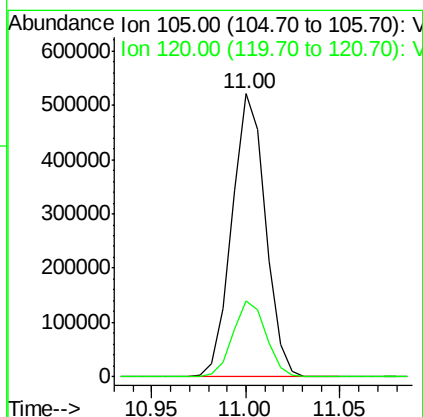
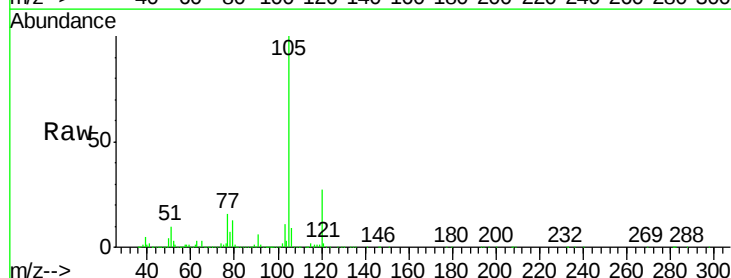
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

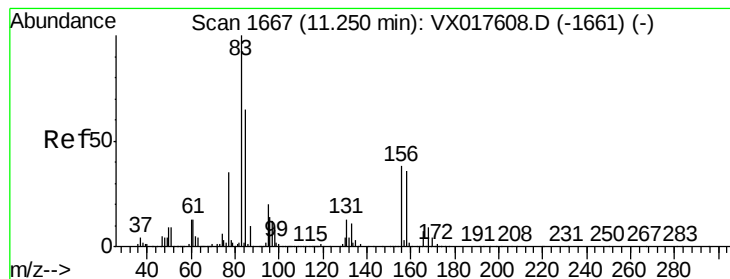
Tot Ion:104 Resp: 359013
Ion Ratio Lower Upper
104 100
78 52.1 41.7 62.5
103 54.3 43.4 65.2



#70
Isopropylbenzene
Concen: 23.320 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion:105 Resp: 642422
Ion Ratio Lower Upper
105 100
120 26.7 18.7 34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 21.038 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

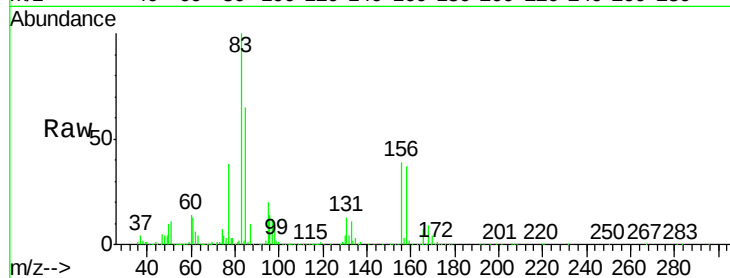
Tot Ion: 83 Resp: 176247

Ion Ratio Lower Upper

83 100

131 11.9 5.9 17.8

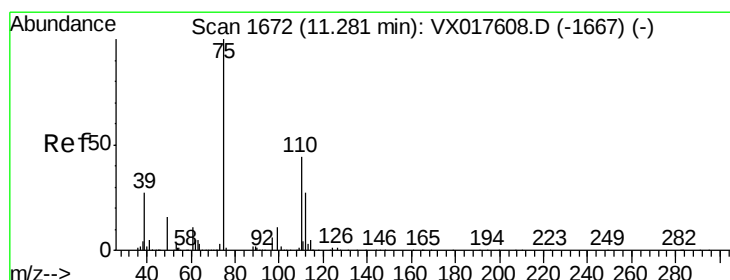
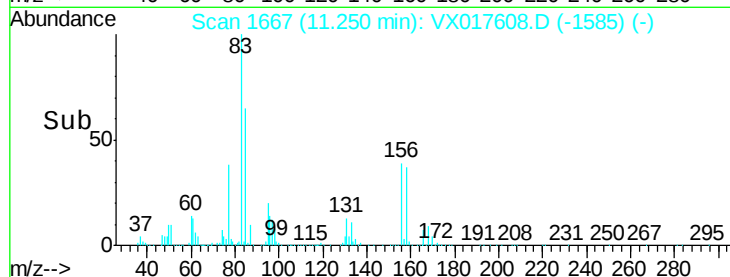
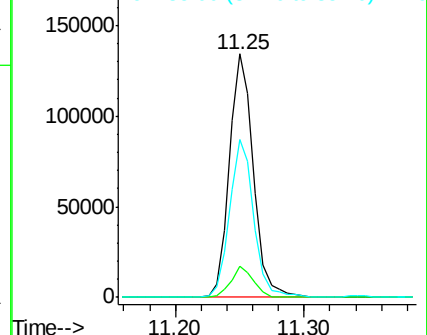
85 65.4 32.7 98.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 27.164 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017608.D

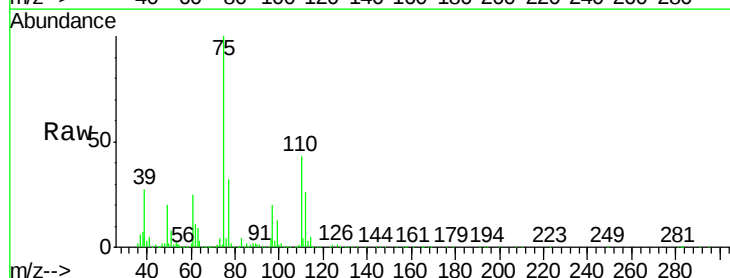
Acq: 27 Jul 2020 09:46

Tgt Ion: 75 Resp: 224420

Ion Ratio Lower Upper

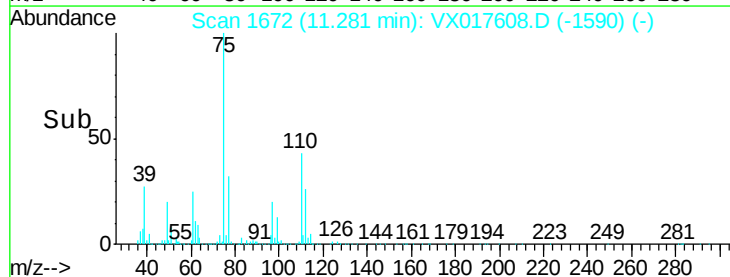
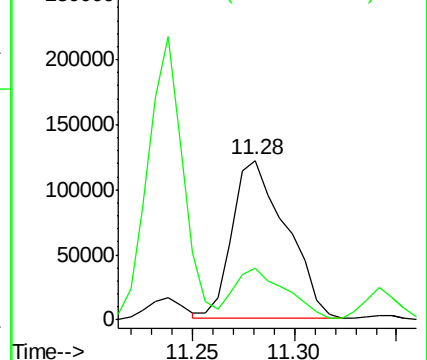
75 100

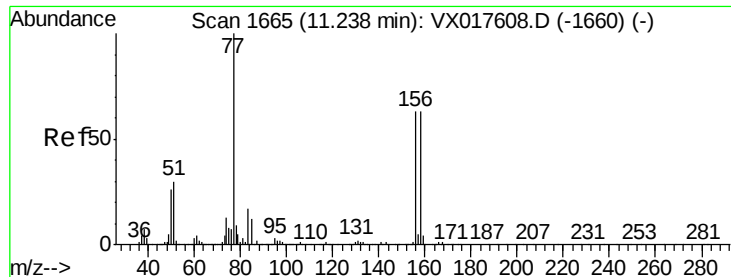
77 29.3 0.0 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 22.394 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

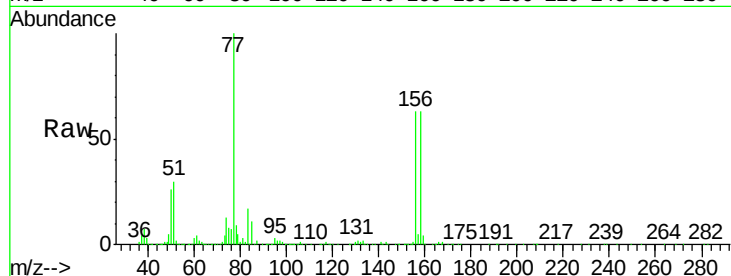
Tot Ion:156 Resp: 171417

Ion Ratio Lower Upper

156 100

77 151.0 0.0 302.0

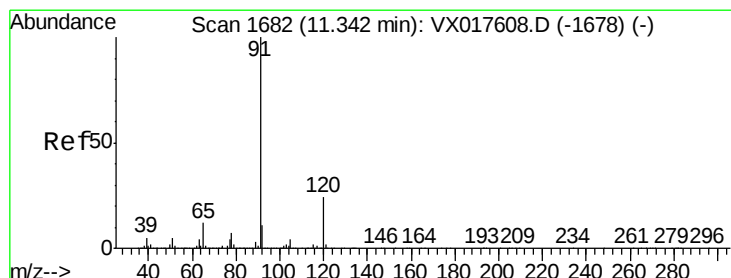
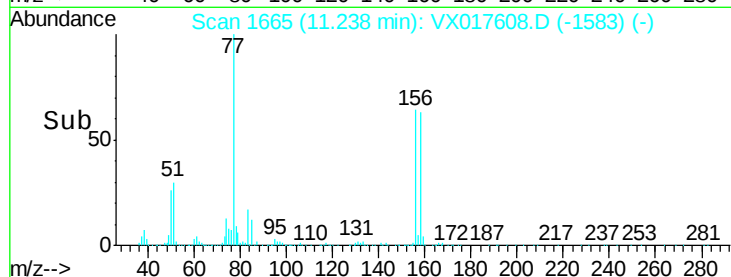
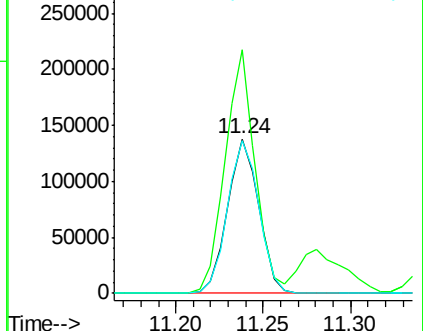
158 99.8 0.0 199.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 21.849 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017608.D

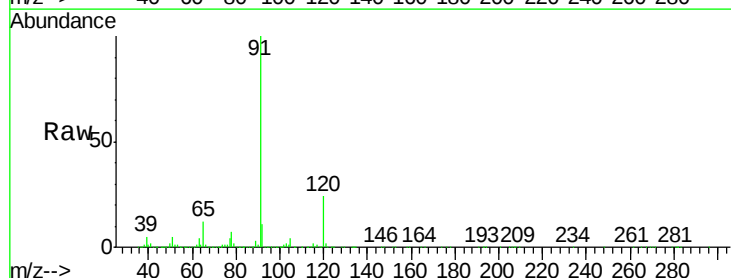
Acq: 27 Jul 2020 09:46

Tgt Ion: 91 Resp: 686716

Ion Ratio Lower Upper

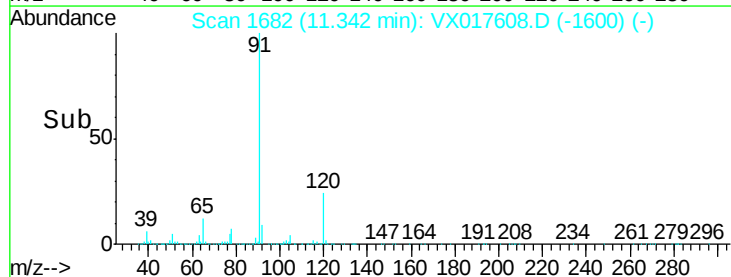
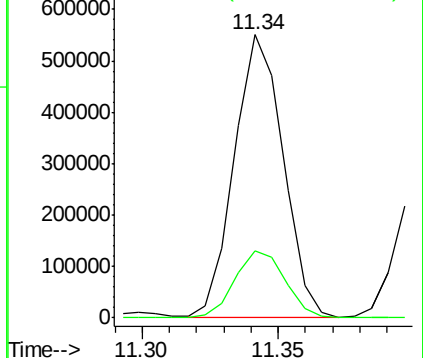
91 100

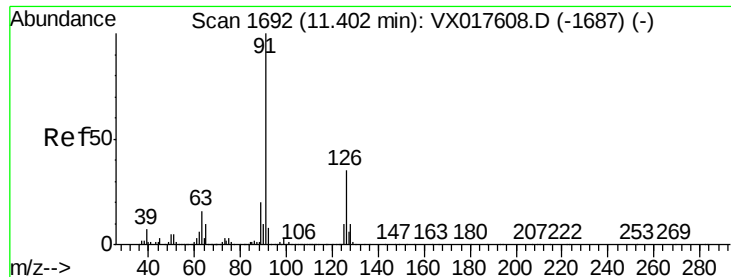
120 24.0 0.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 21.579 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

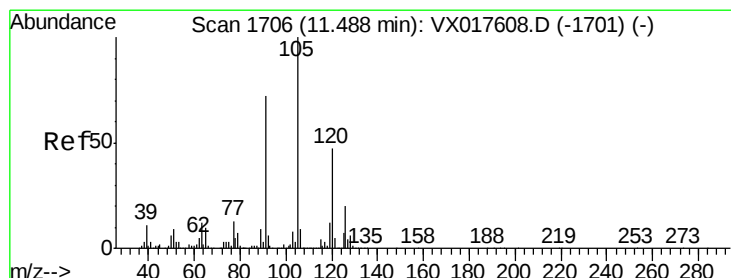
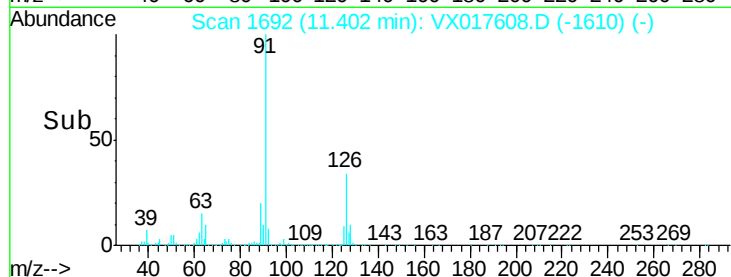
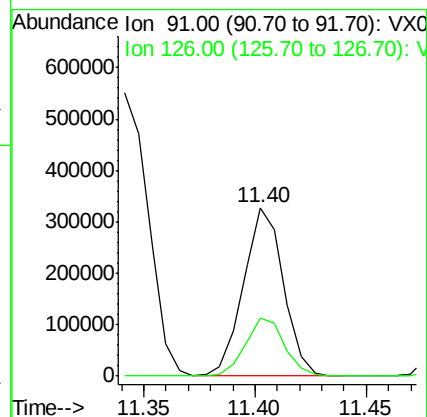
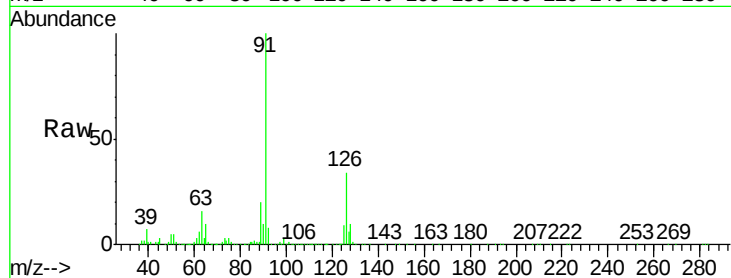
VSTDICCC020

Tot Ion: 91 Resp: 410568

Ion Ratio Lower Upper

91 100

126 33.9 0.0 67.8



#76

1,3,5-Trimethylbenzene

Concen: 21.480 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX017608.D

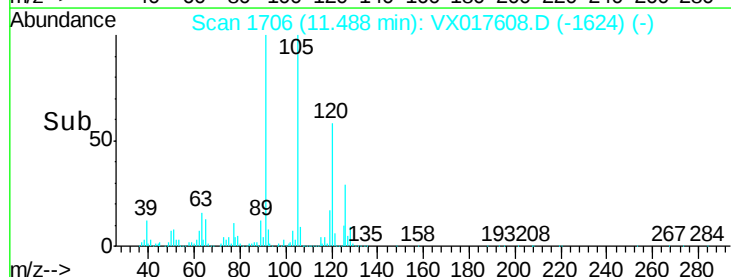
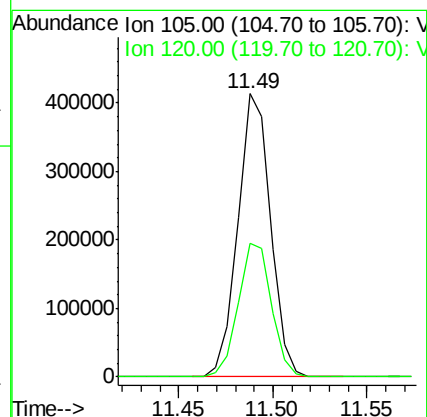
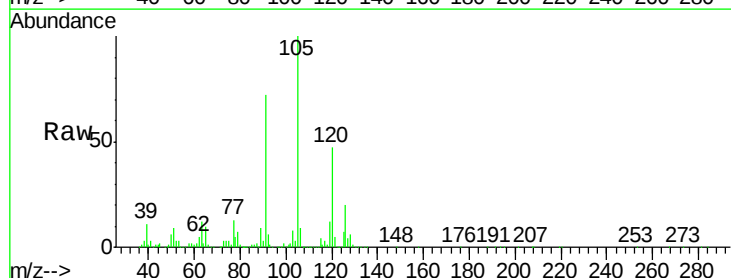
Acq: 27 Jul 2020 09:46

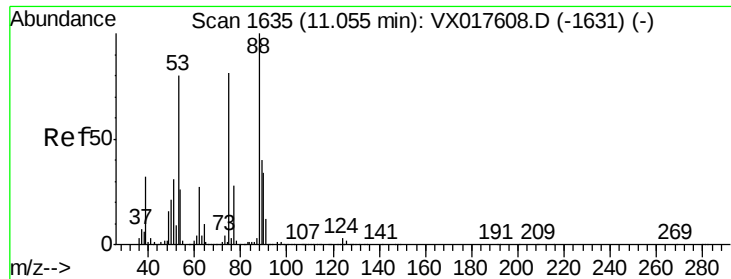
Tgt Ion: 105 Resp: 496229

Ion Ratio Lower Upper

105 100

120 47.9 0.0 95.8

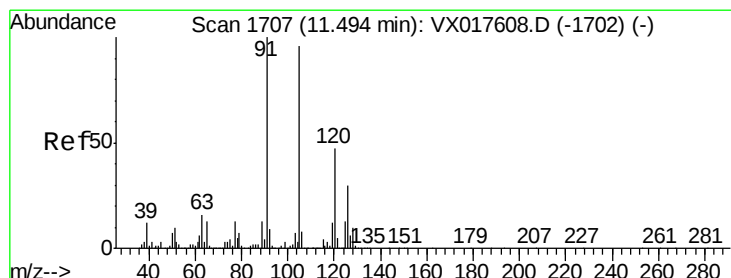
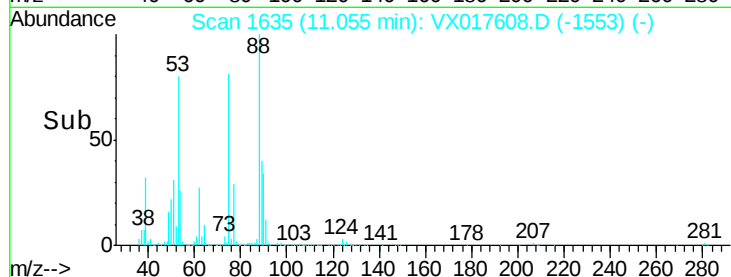
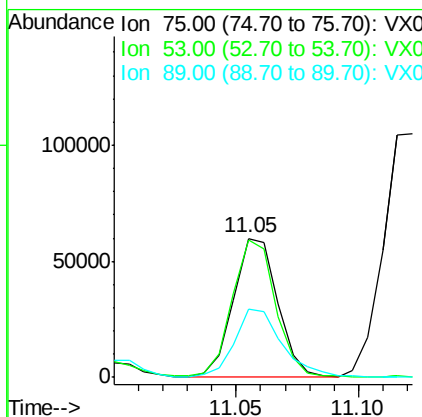
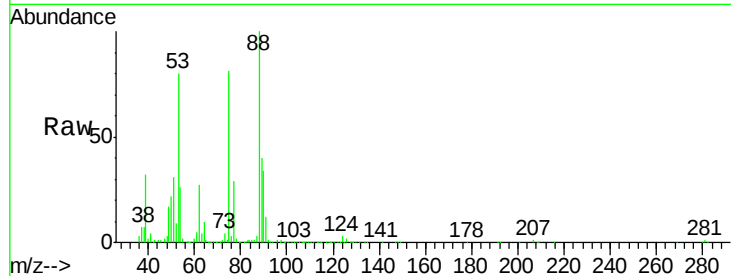




#77
t-1,4-Dichloro-2-butene
Concen: 23.300 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

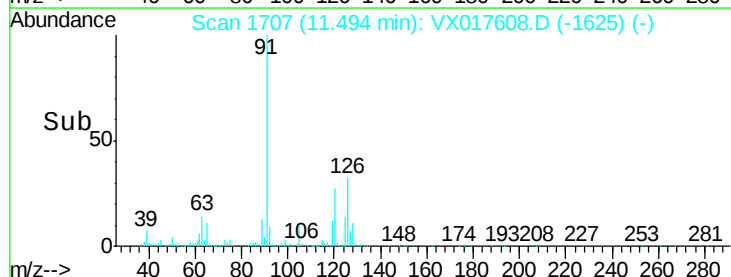
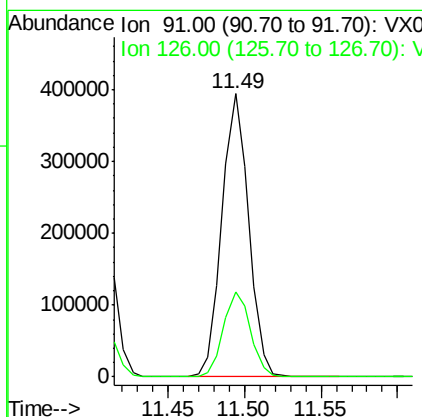
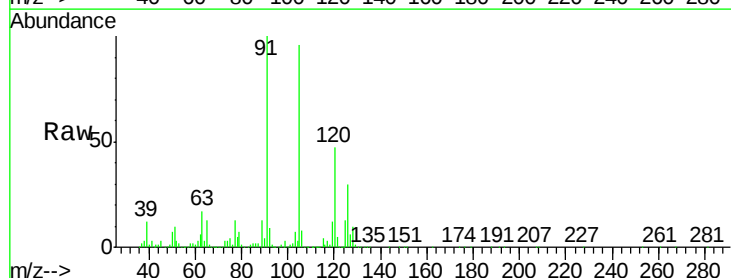
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

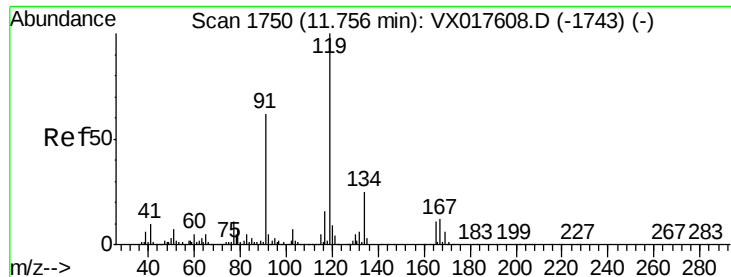
Tot Ion: 75 Resp: 75771
Ion Ratio Lower Upper
75 100
53 98.0 49.0 147.0
89 48.8 24.4 73.2



#78
4-Chlorotoluene
Concen: 21.245 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion: 91 Resp: 478001
Ion Ratio Lower Upper
91 100
126 30.4 0.0 60.8





#79

tert-butylbenzene

Concen: 21.253 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

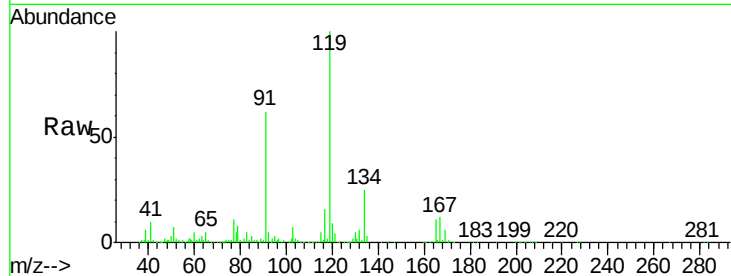
Tot Ion:119 Resp: 477148

Ion Ratio Lower Upper

119 100

91 60.5 0.0 121.0

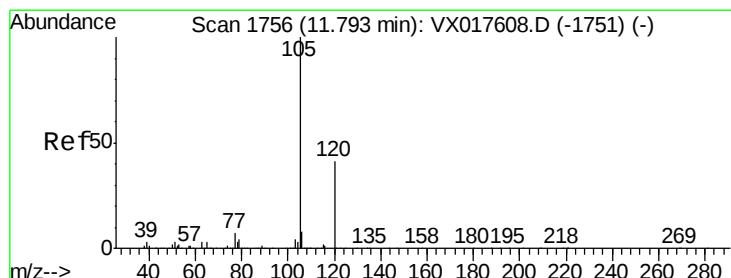
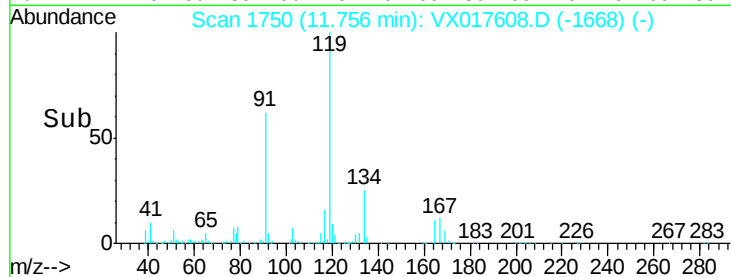
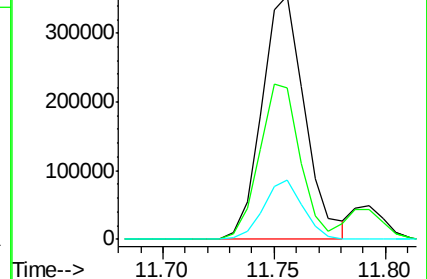
134 22.5 0.0 45.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 21.285 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017608.D

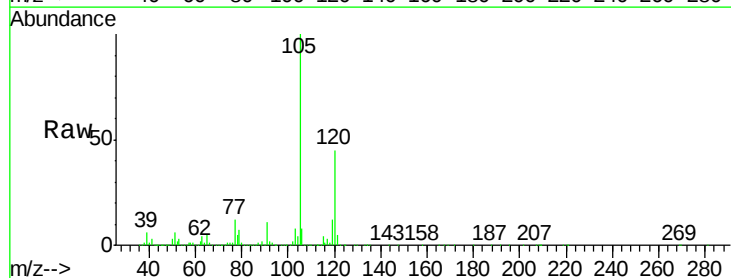
Acq: 27 Jul 2020 09:46

Tgt Ion:105 Resp: 494766

Ion Ratio Lower Upper

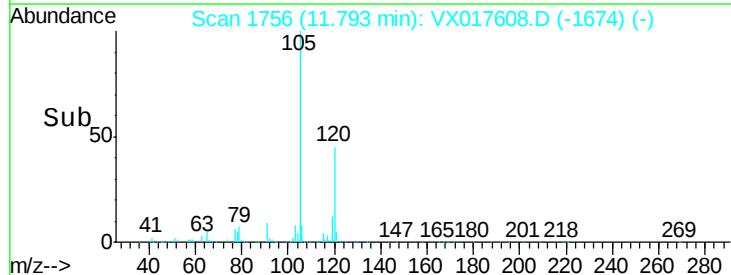
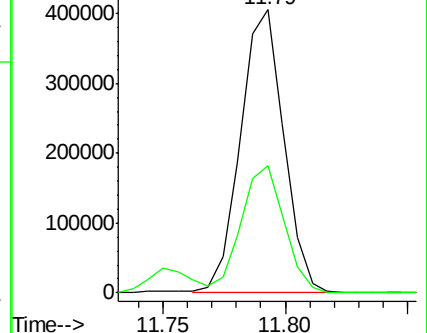
105 100

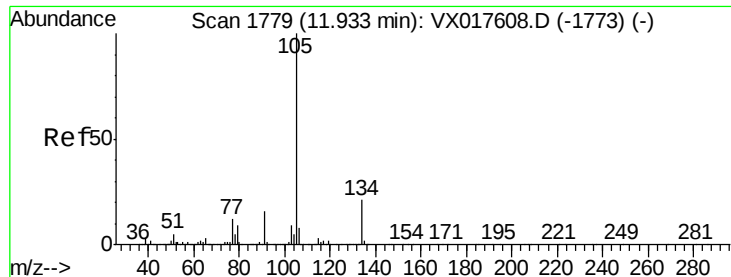
120 45.0 0.0 90.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

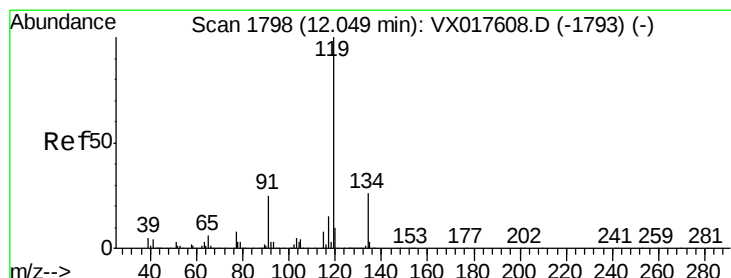
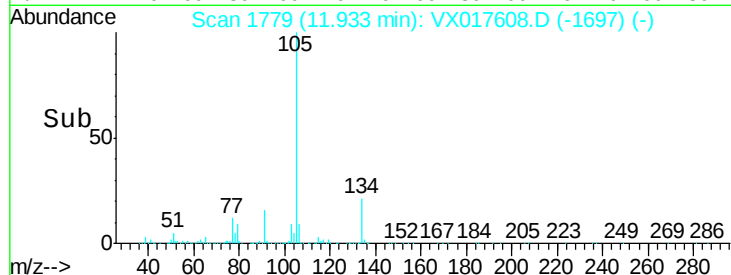
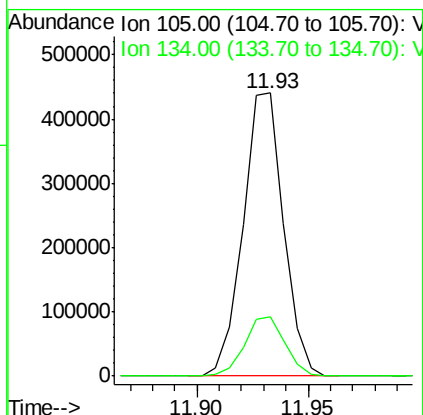
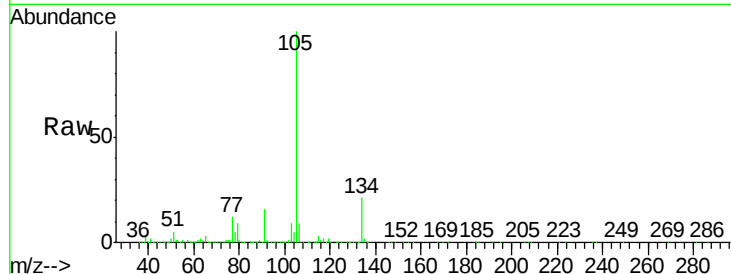




#81
 sec-Butylbenzene
 Concen: 21.566 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

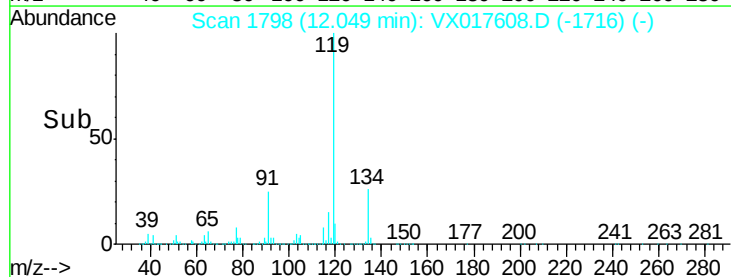
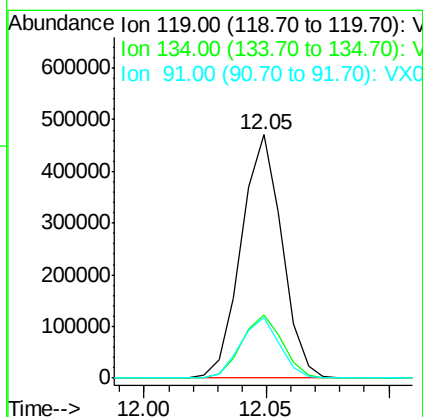
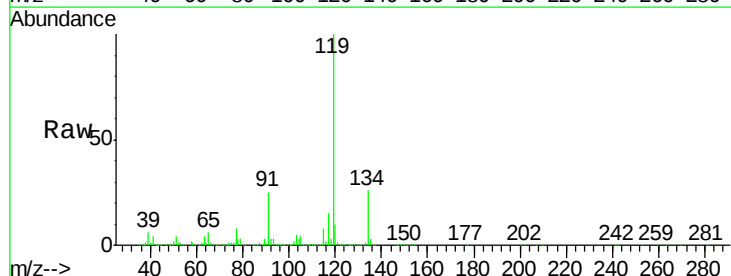
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

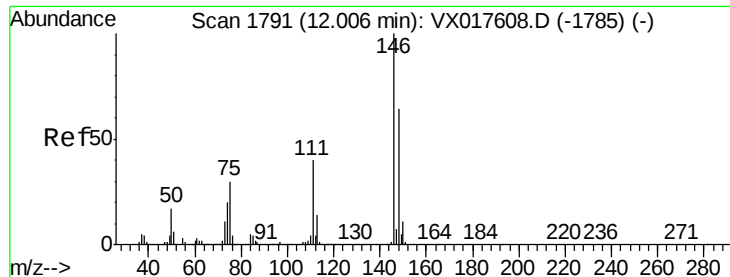
Tot Ion:105 Resp: 559358
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 22.058 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Tgt Ion:119 Resp: 544478
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.6
 91 24.1 0.0 48.2

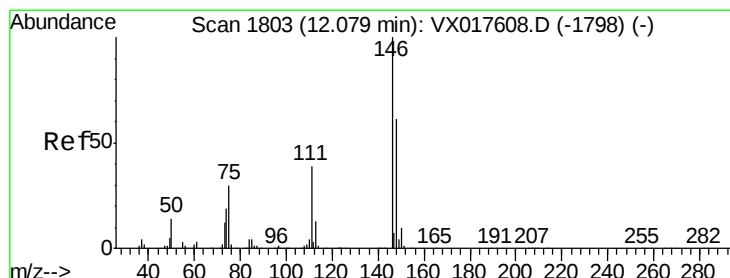
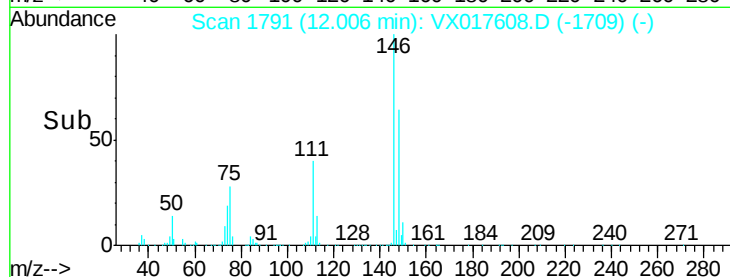
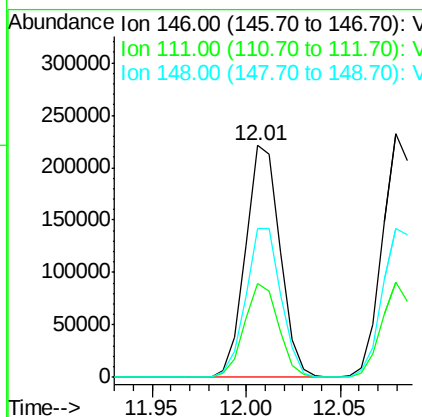
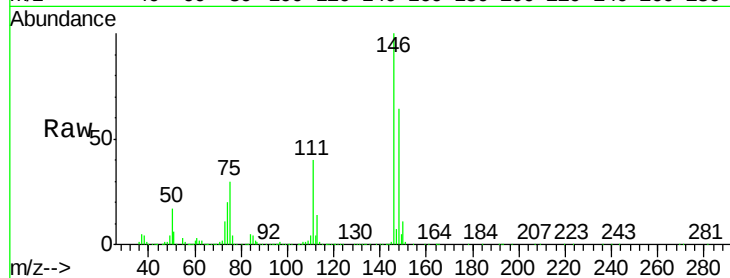




#83
 1,3-Dichlorobenzene
 Concen: 20.835 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

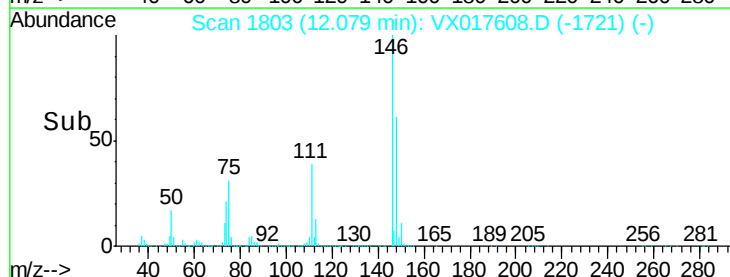
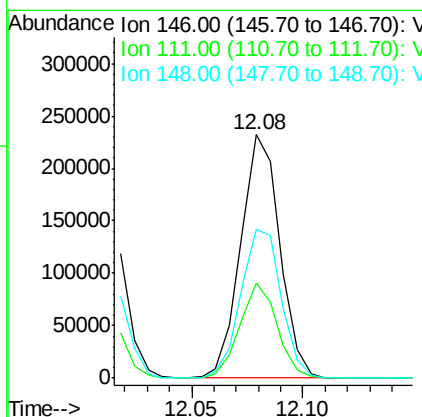
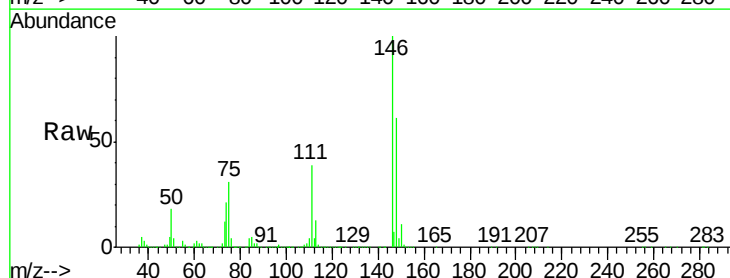
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

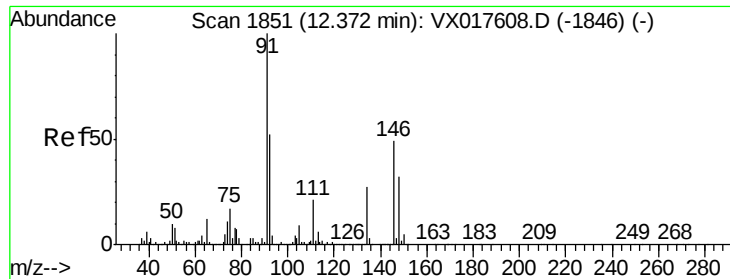
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	65.3	32.6	98.0



#84
 1,4-Dichlorobenzene
 Concen: 20.782 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	63.2	31.6	94.8

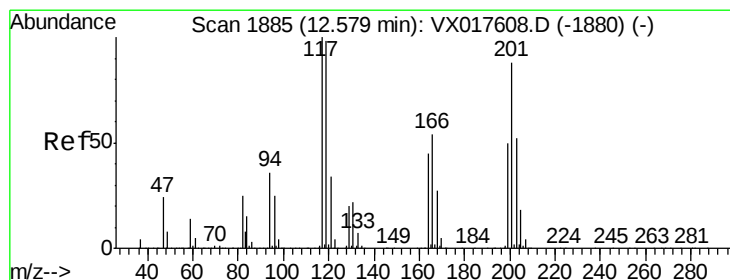
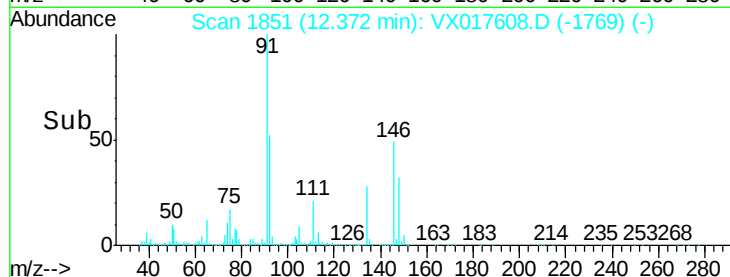
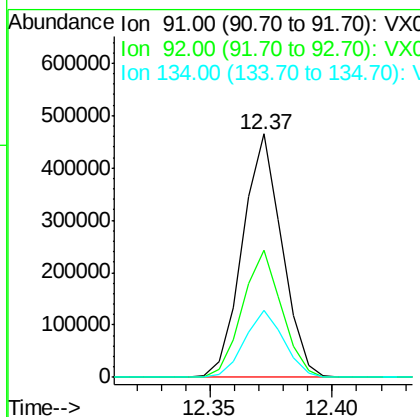
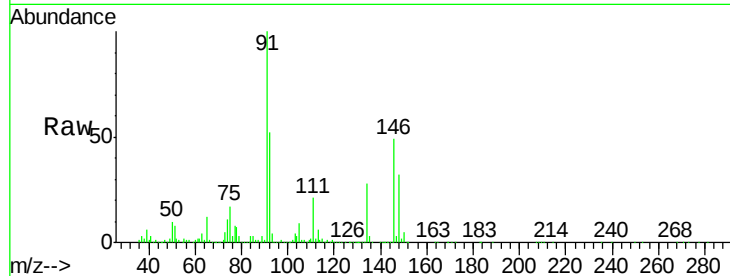




#85
n-Butylbenzene
Concen: 24.172 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

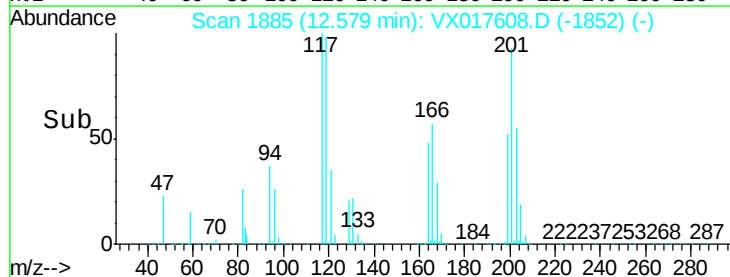
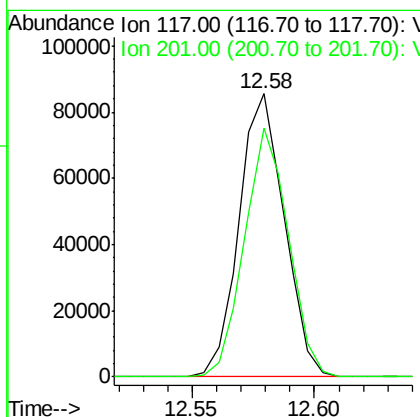
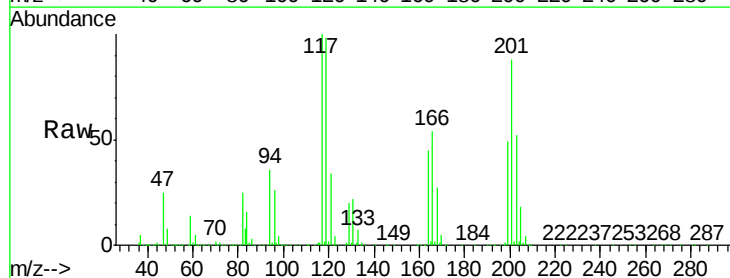
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

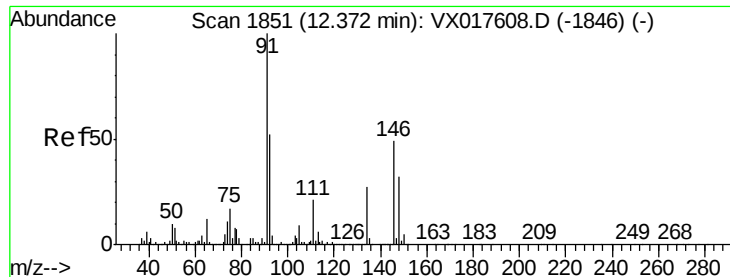
Tot Ion: 91 Resp: 519138
Ion Ratio Lower Upper
91 100
92 52.0 0.0 104.0
134 27.5 0.0 55.0



#86
Hexachloroethane
Concen: 22.727 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion: 117 Resp: 109834
Ion Ratio Lower Upper
117 100
201 86.2 43.1 129.3

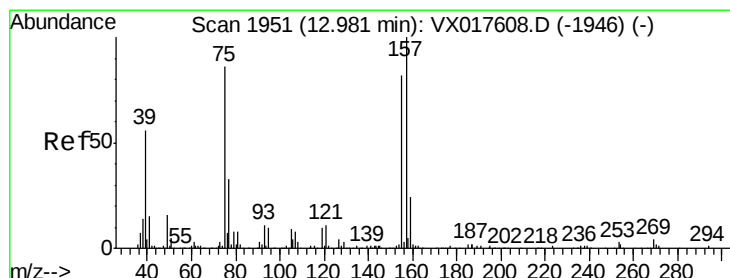
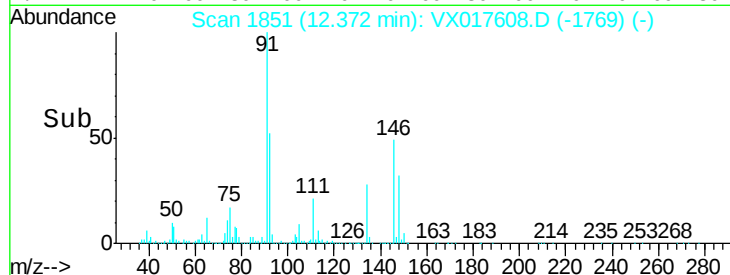
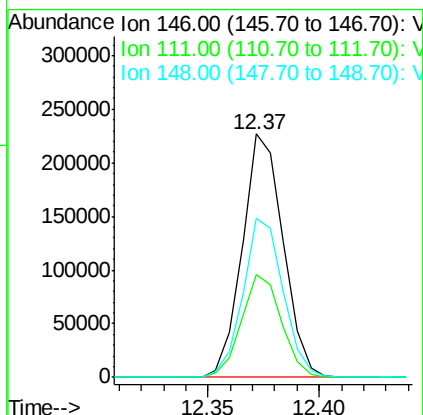
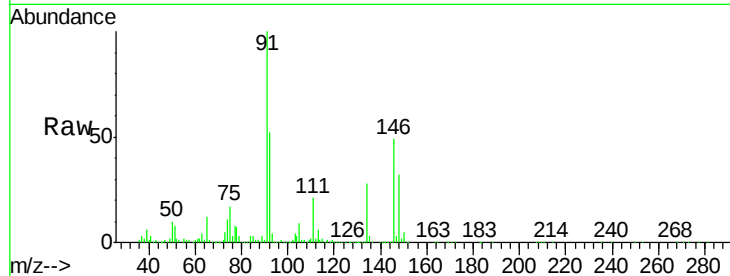




#87
 1,2-Dichlorobenzene
 Concen: 22.069 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

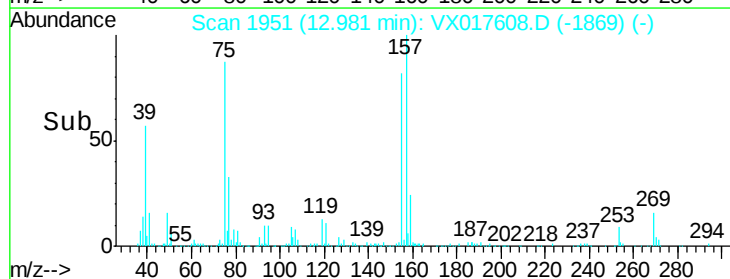
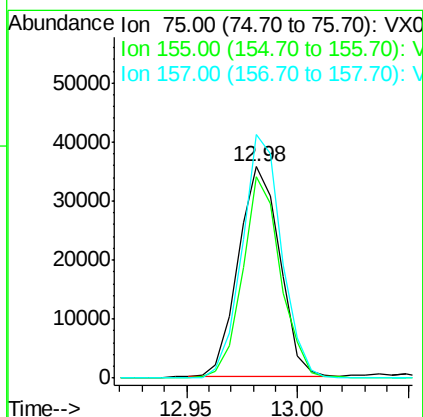
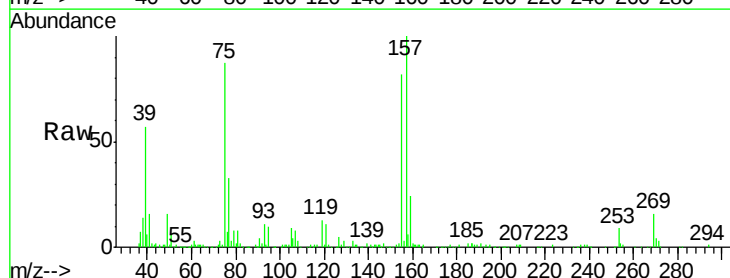
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

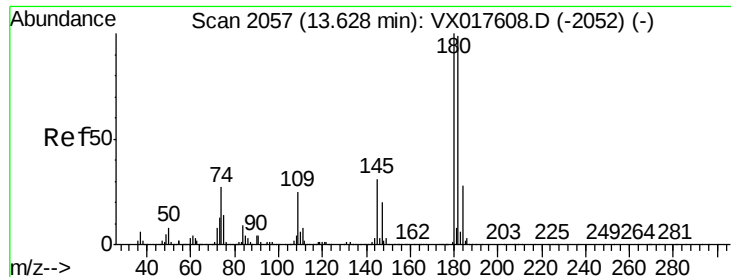
Tot Ion:146 Resp: 290198
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.7 62.1
 148 64.6 32.3 96.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 22.465 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Tgt Ion: 75 Resp: 46540
 Ion Ratio Lower Upper
 75 100
 155 86.9 69.5 104.3
 157 110.3 88.2 132.4

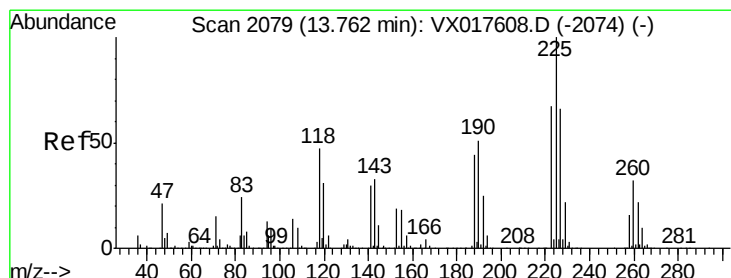
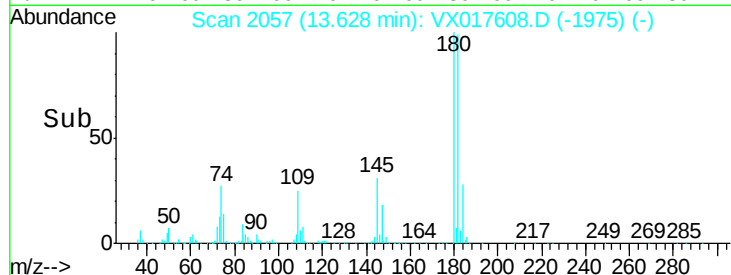
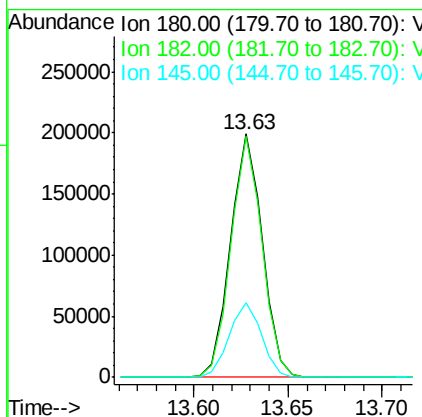
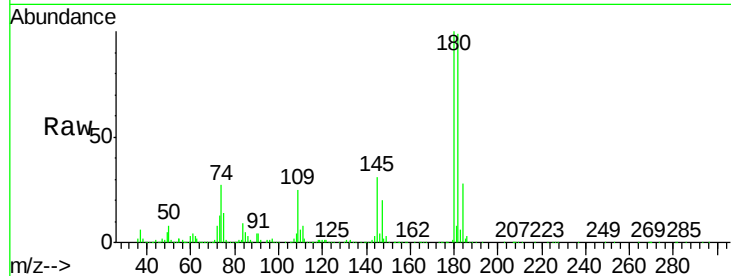




#89
 1,2,4-Trichlorobenzene
 Concen: 24.997 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

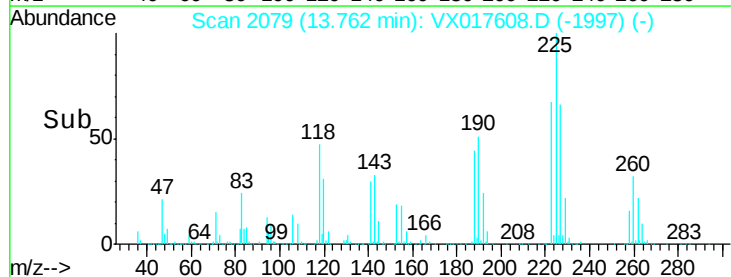
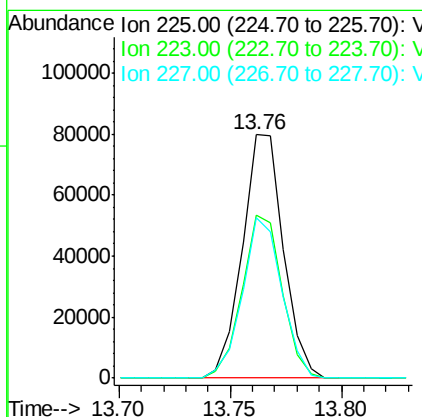
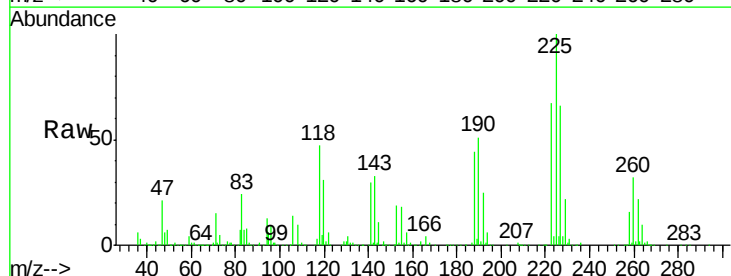
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

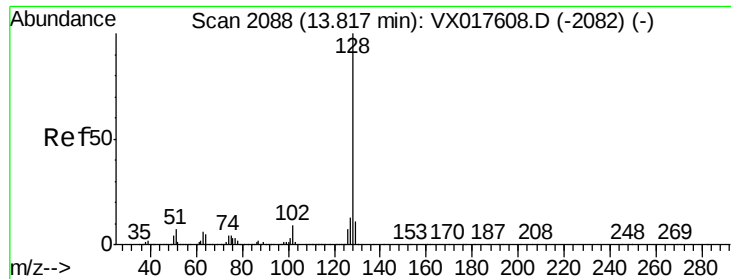
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.4	116.0
145	31.1	24.9	37.3



#90
 Hexachlorobutadiene
 Concen: 26.986 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	0.0	130.8
227	63.6	0.0	127.2





#91

Naphthalene

Concen: 24.622 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

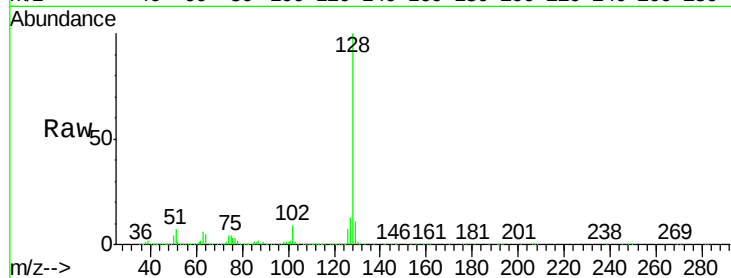
Tot Ion:128 Resp: 700744

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

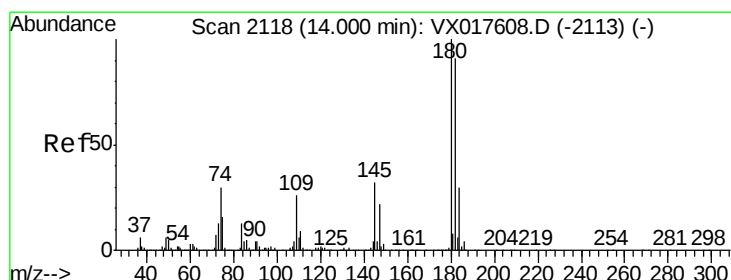
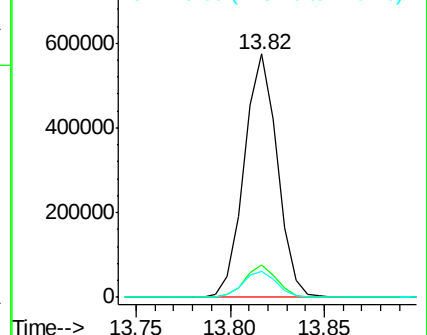
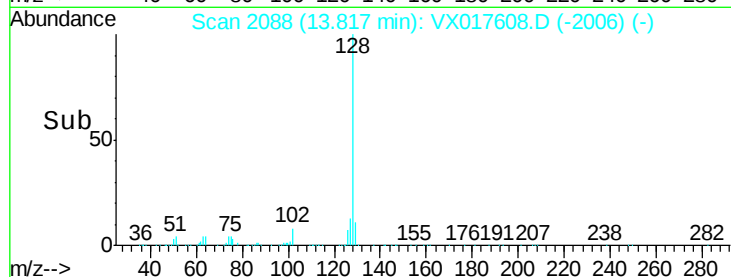
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 24.649 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

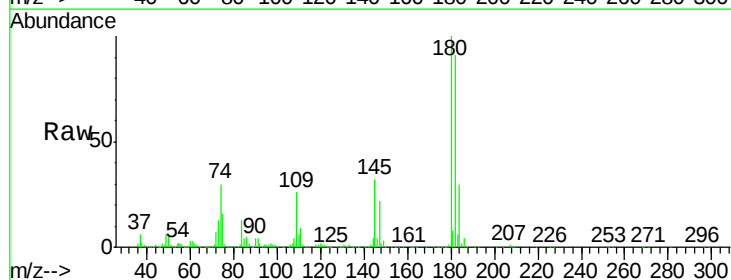
Tgt Ion:180 Resp: 226465

Ion Ratio Lower Upper

180 100

182 95.1 0.0 190.2

145 31.9 0.0 63.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

