

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081920\
 Data File : VX017971.D
 Acq On : 19 Aug 2020 09:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 19 13:18:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	509903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	730457	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	684065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	410505	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	333339	44.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.20%	
35) Dibromofluoromethane	5.46	113	258073	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
50) Toluene-d8	8.70	98	975869	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.12	95	406590	57.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	379880	49.315	ug/l	98
3) Chloromethane	1.31	50	333171	47.778	ug/l	97
4) Vinyl Chloride	1.39	62	334767	46.532	ug/l	97
5) Bromomethane	1.62	94	197623	50.642	ug/l	99
6) Chloroethane	1.71	64	190559	49.831	ug/l	98
7) Trichlorofluoromethane	1.92	101	517961	48.508	ug/l	97
8) Diethyl Ether	2.17	74	142178	45.687	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	234170	46.629	ug/l	99
10) Methyl Iodide	2.49	142	279450	43.152	ug/l	99
11) Tert butyl alcohol	3.02	59	309005	214.112	ug/l	99
12) 1,1-Dichloroethene	2.36	96	206869	45.010	ug/l	98
13) Acrolein	2.28	56	187841	246.394	ug/l	98
14) Allyl chloride	2.71	41	362453	44.217	ug/l	96
15) Acrylonitrile	3.12	53	727572	230.846	ug/l	99
16) Acetone	2.42	43	633062	215.278	ug/l	99
17) Carbon Disulfide	2.55	76	519852	46.618	ug/l	100
18) Methyl Acetate	2.75	43	325099	43.935	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	877246	49.924	ug/l	99
20) Methylene Chloride	2.84	84	237908	43.911	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	233089	49.332	ug/l	96
22) Diisopropyl ether	3.82	45	858942	49.987	ug/l	97
23) Vinyl Acetate	3.78	43	3188872	242.842	ug/l	100
24) 1,1-Dichloroethane	3.67	63	454508	47.714	ug/l	98
25) 2-Butanone	4.64	43	1002980	225.290	ug/l	97
26) 2,2-Dichloropropane	4.55	77	444693	51.266	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	280440	50.315	ug/l	98
28) Bromochloromethane	4.98	49	218120	44.309	ug/l	99
29) Tetrahydrofuran	5.09	42	624351	225.810	ug/l	99
30) Chloroform	5.17	83	496724	47.708	ug/l	100
31) Cyclohexane	5.54	56	406503	52.626	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	444853	47.098	ug/l	100
36) 1,1-Dichloropropene	5.77	75	334835	54.765	ug/l	99
37) Ethyl Acetate	4.79	43	348332	47.617	ug/l	99
38) Carbon Tetrachloride	5.76	117	419279	52.988	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	403653	51.523	ug/l	95
40) Benzene	6.11	78	929003	50.449	ug/l	100
41) Methacrylonitrile	5.00	41	207275	49.436	ug/l	99
42) 1,2-Dichloroethane	6.16	62	395240	50.529	ug/l	100
43) Isopropyl Acetate	6.42	43	582439	49.322	ug/l	99
44) Trichloroethene	7.19	130	277054	50.734	ug/l	93
45) 1,2-Dichloropropane	7.49	63	248855	47.166	ug/l	99
46) Dibromomethane	7.63	93	186276	50.587	ug/l	98
47) Bromodichloromethane	7.87	83	384721	48.126	ug/l	99
48) Methyl methacrylate	7.74	41	293504	50.136	ug/l	99
49) 1,4-Dioxane	7.71	88	127753	1065.938	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2016894	253.670	ug/l	100
52) Toluene	8.76	92	643529	53.415	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	451757	53.432	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	477111	54.121	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	283967	51.306	ug/l	97
56) Ethyl methacrylate	9.16	69	409476	52.326	ug/l	99
57) 1,3-Dichloropropane	9.35	76	446341	50.777	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1001180	264.196	ug/l	99
59) 2-Hexanone	9.47	43	1444422	239.751	ug/l	99
60) Dibromochloromethane	9.56	129	338068	48.906	ug/l	99
61) 1,2-Dibromoethane	9.65	107	280959	45.828	ug/l	98
64) Tetrachloroethene	9.32	164	296992	56.851	ug/l	97
65) Chlorobenzene	10.12	112	750892	55.300	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	298569	51.980	ug/l	97
67) Ethyl Benzene	10.24	91	1172828	52.394	ug/l	99
68) m/p-Xylenes	10.34	106	1017499	118.070	ug/l	99
69) o-Xylene	10.68	106	435051	52.351	ug/l	100
70) Styrene	10.70	104	800331	55.823	ug/l	100
71) Bromoform	10.84	173	261919	50.805	ug/l #	99
73) Isopropylbenzene	11.00	105	1248030	47.234	ug/l	100
74) N-amyl acetate	10.88	43	564141	48.002	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	425586	46.172	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	550844	63.098	ug/l	82
77) Bromobenzene	11.24	156	378452	51.626	ug/l	96
78) n-propylbenzene	11.34	91	1598171	51.714	ug/l	99
79) 2-Chlorotoluene	11.40	91	934967	49.644	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1168705	50.390	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	150462	45.278	ug/l	96
82) 4-Chlorotoluene	11.49	91	1108945	50.070	ug/l	100
83) tert-Butylbenzene	11.76	119	1071918	48.940	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1139437	47.455	ug/l	99
85) sec-Butylbenzene	11.93	105	1271292	48.082	ug/l	99
86) p-Isopropyltoluene	12.05	119	1322095	53.754	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	619925	46.463	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	649864	49.717	ug/l	100
89) n-Butylbenzene	12.37	91	1047930	51.480	ug/l	98
90) Hexachloroethane	12.58	117	252417	51.602	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	565633	45.923	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	98583	41.987	ug/l	98

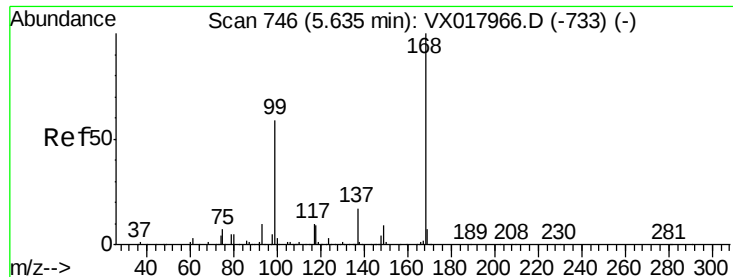
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	441423	54.478	ug/l	100
94) Hexachlorobutadiene	13.77	225	185689	53.699	ug/l	96
95) Naphthalene	13.82	128	1270589	49.677	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	452870	54.964	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

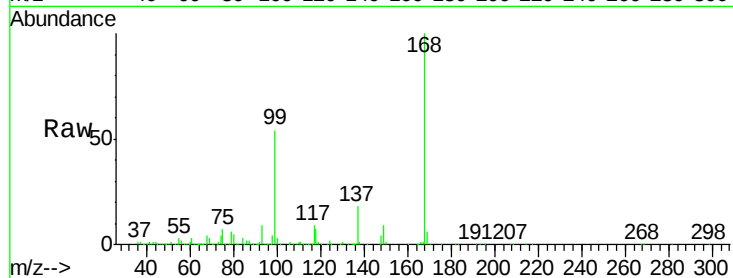
VSTDCCC050

Tgt Ion:168 Resp: 509903

Ion Ratio Lower Upper

168 100

99 54.1 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

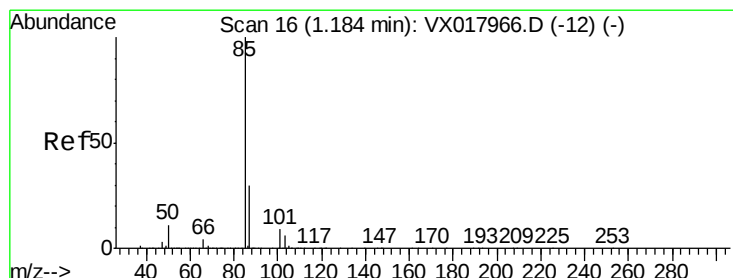
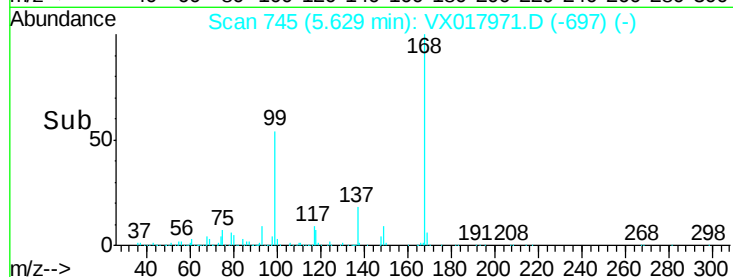
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.315 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017971.D

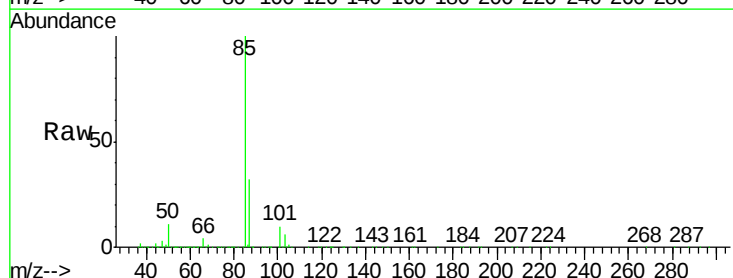
Acq: 19 Aug 2020 09:44

Tgt Ion: 85 Resp: 379880

Ion Ratio Lower Upper

85 100

87 31.9 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

500000

400000

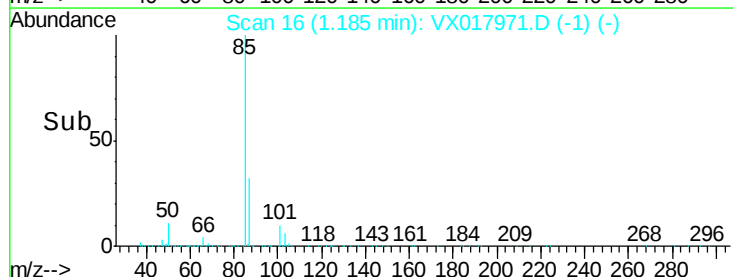
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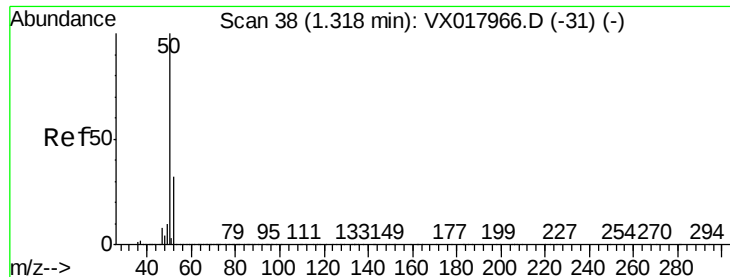
200000

100000

0

Time-->





#3

Chloromethane

Concen: 47.778 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

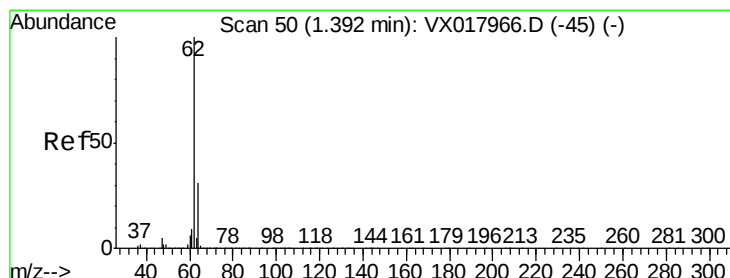
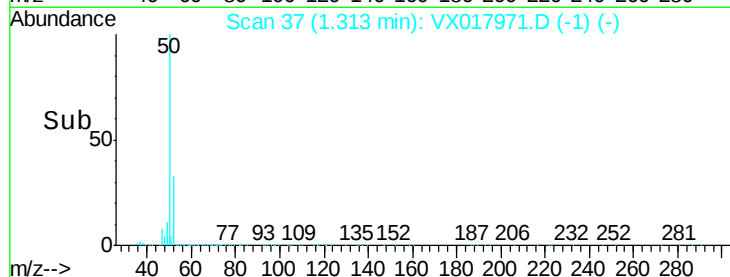
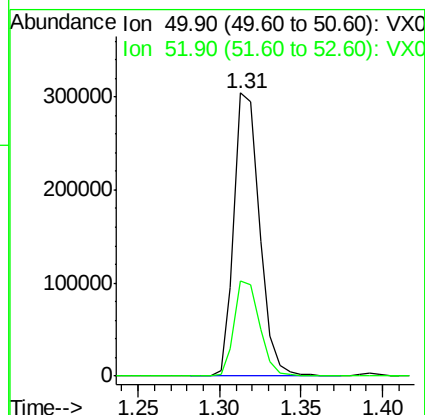
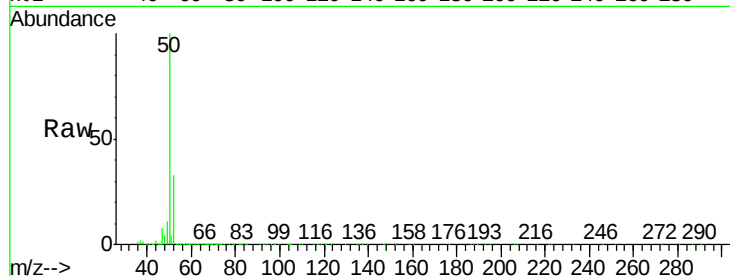
VSTDCCC050

Tgt Ion: 50 Resp: 333171

Ion Ratio Lower Upper

50 100

52 33.4 25.4 38.0



#4

Vinyl Chloride

Concen: 46.532 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017971.D

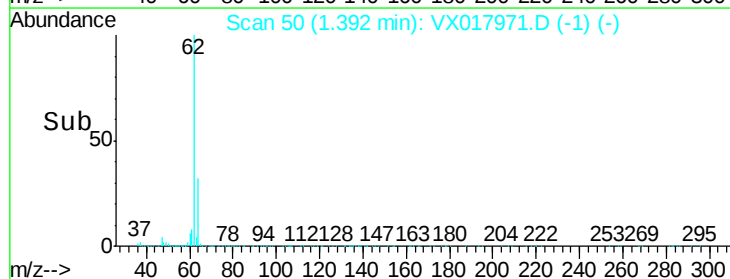
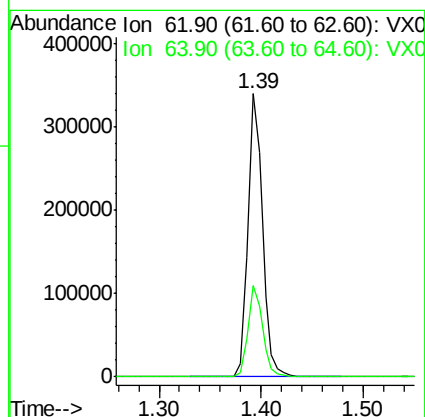
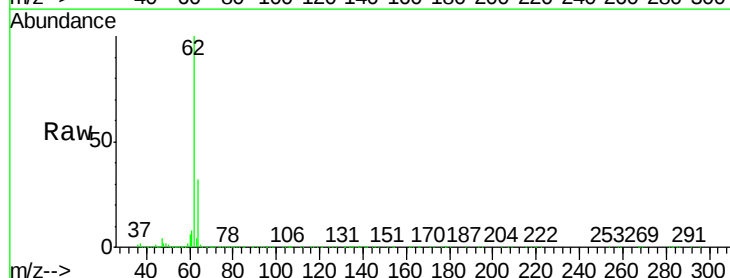
Acq: 19 Aug 2020 09:44

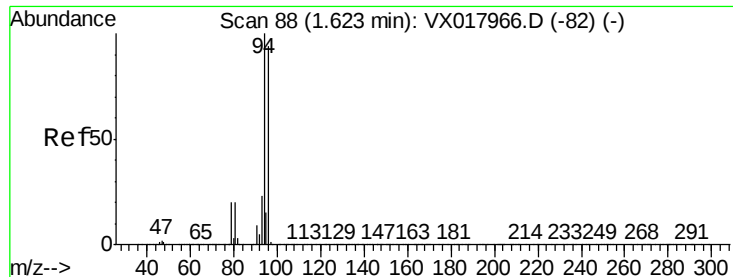
Tgt Ion: 62 Resp: 334767

Ion Ratio Lower Upper

62 100

64 32.3 24.7 37.1





#5

Bromomethane

Concen: 50.642 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

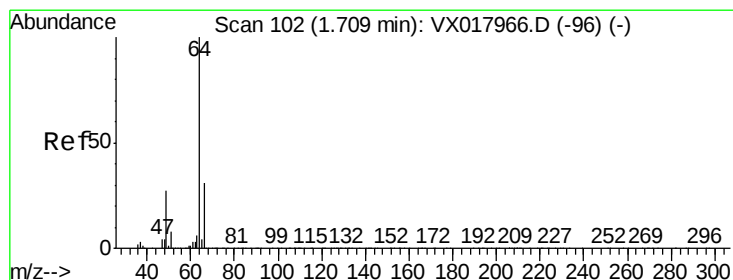
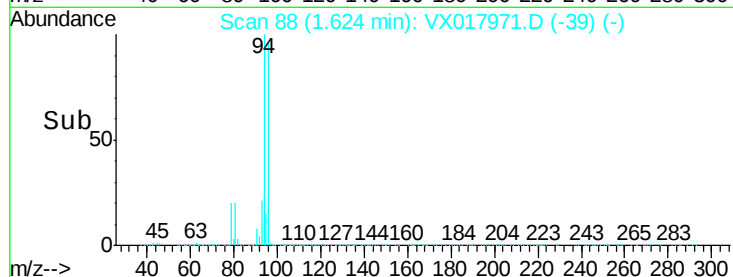
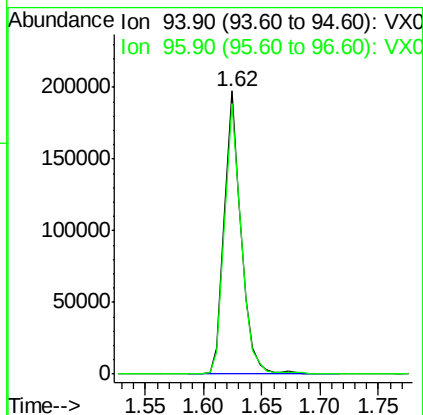
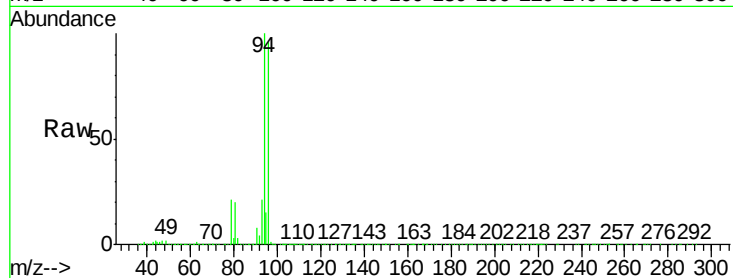
VSTDCCC050

Tgt Ion: 94 Resp: 197623

Ion Ratio Lower Upper

94 100

96 95.6 75.5 113.3



#6

Chloroethane

Concen: 49.831 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017971.D

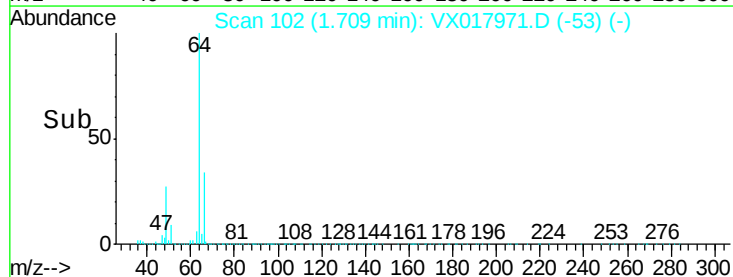
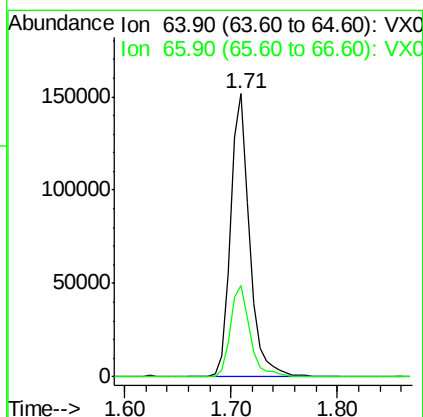
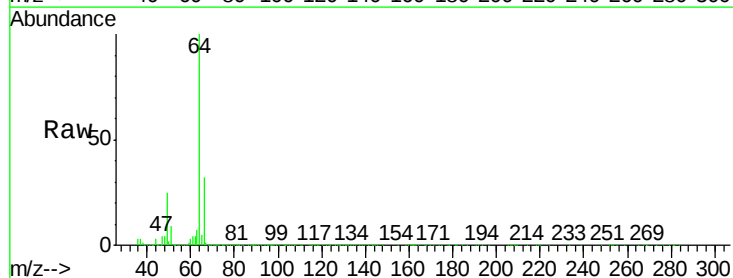
Acq: 19 Aug 2020 09:44

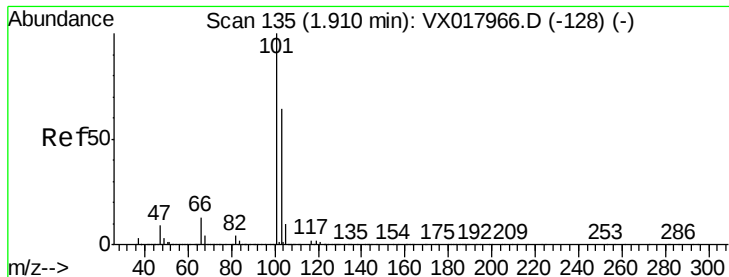
Tgt Ion: 64 Resp: 190559

Ion Ratio Lower Upper

64 100

66 32.1 25.0 37.4



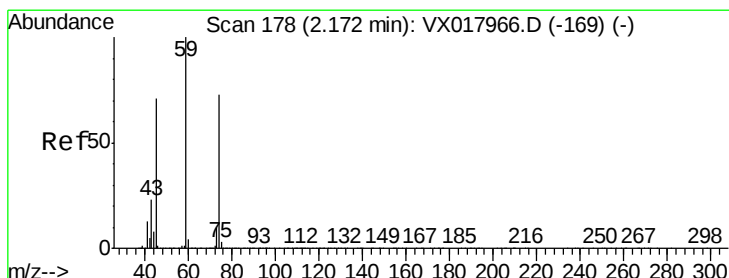
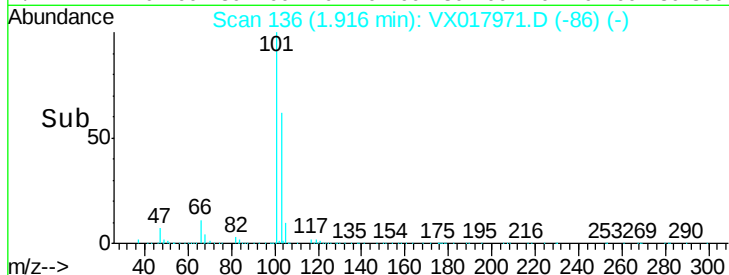
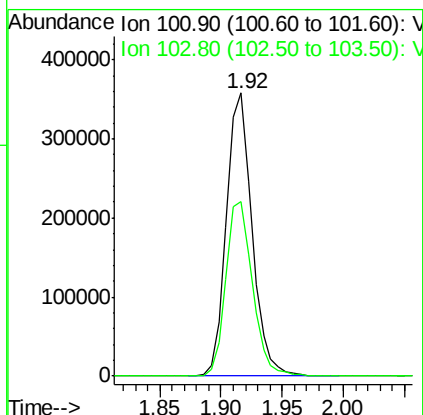
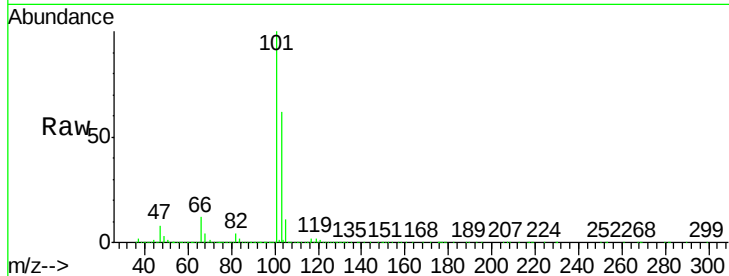


#7

Trichlorofluoromethane
Concen: 48.508 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
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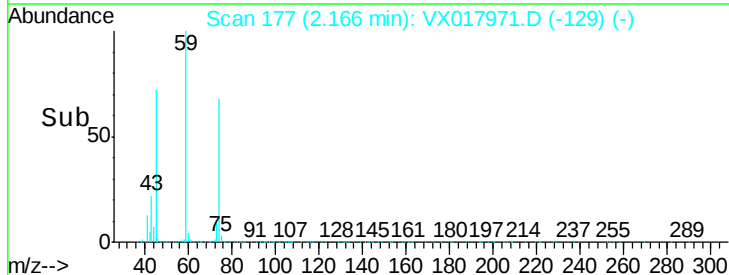
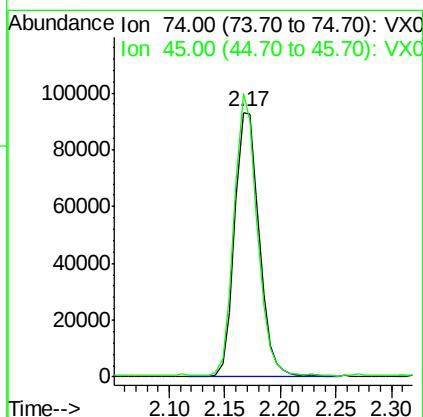
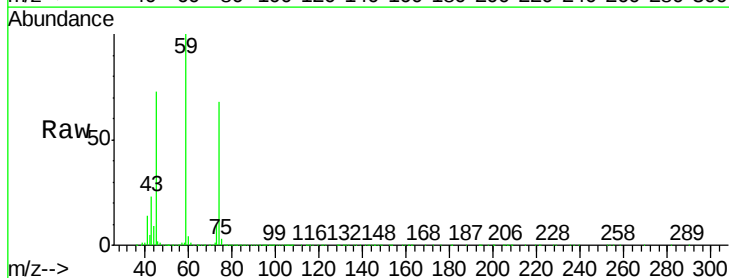
Tgt Ion:101 Resp: 517961
Ion Ratio Lower Upper
101 100
103 61.7 51.2 76.8

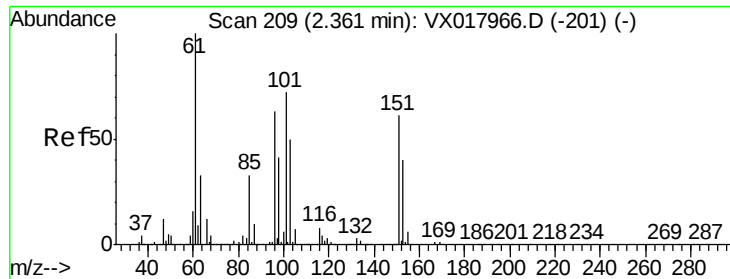


#8

Diethyl Ether
Concen: 45.687 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion: 74 Resp: 142178
Ion Ratio Lower Upper
74 100
45 101.3 50.5 151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.629 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

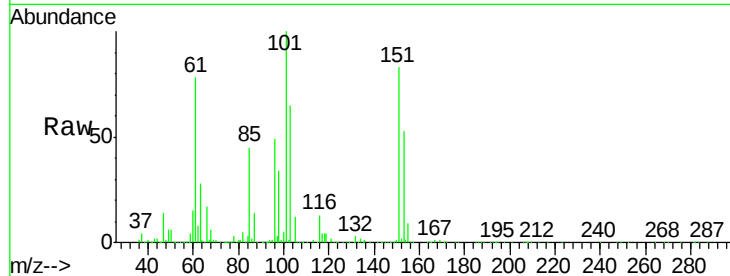
Tgt Ion:101 Resp: 234170

Ion Ratio Lower Upper

101 100

85 44.5 35.4 53.2

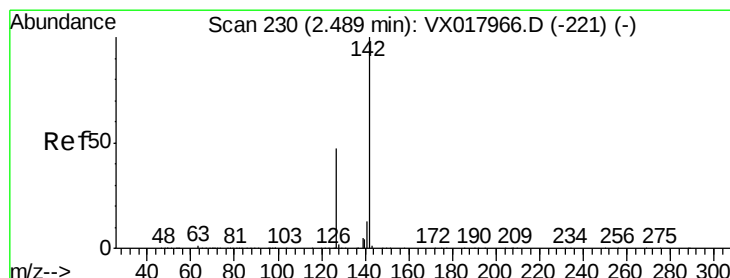
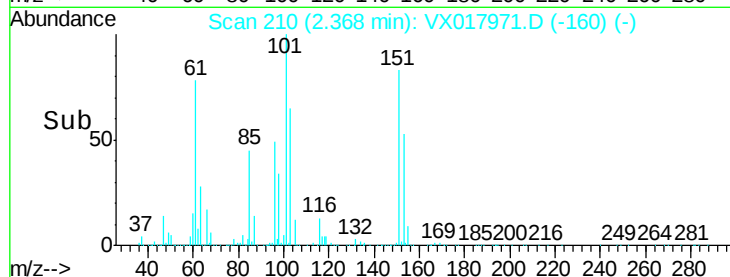
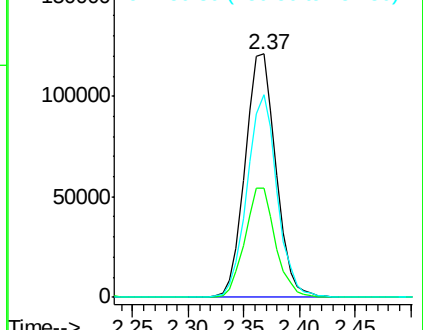
151 81.0 65.4 98.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.152 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

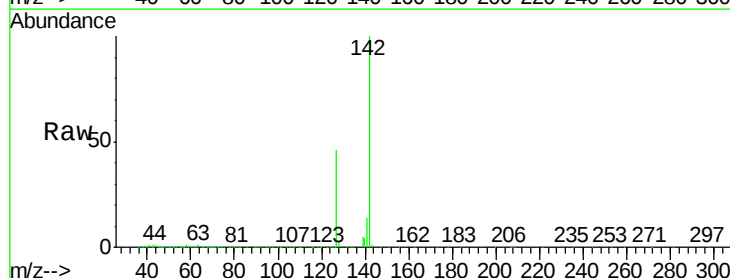
Tgt Ion:142 Resp: 279450

Ion Ratio Lower Upper

142 100

127 46.6 38.0 57.0

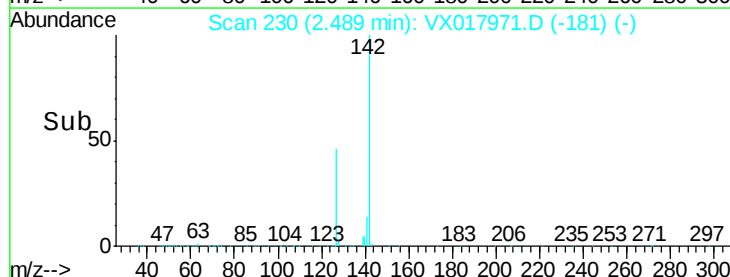
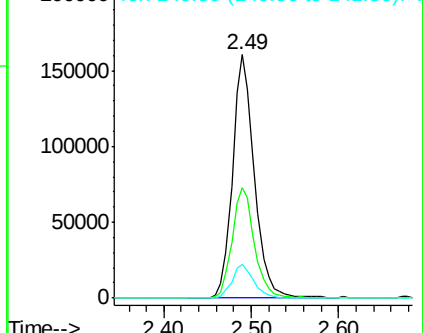
141 14.0 11.2 16.8

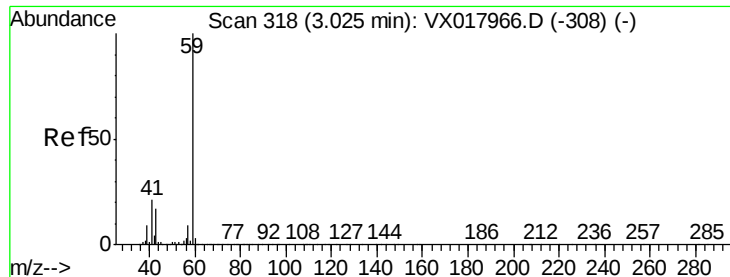


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

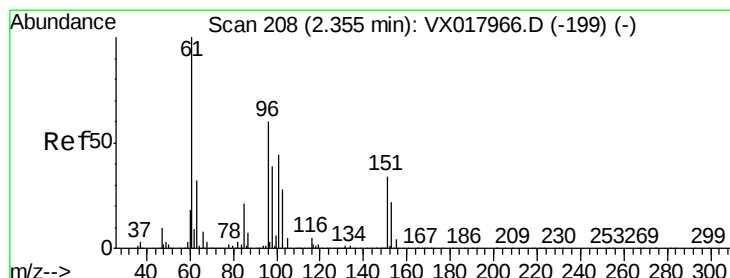
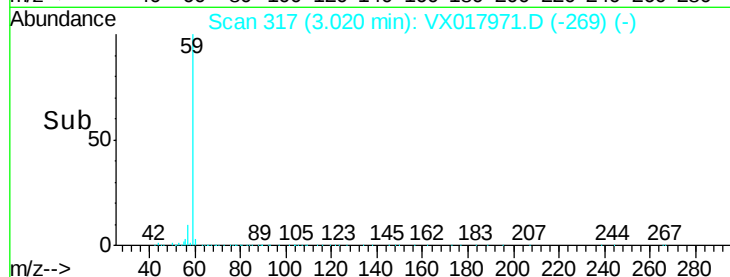
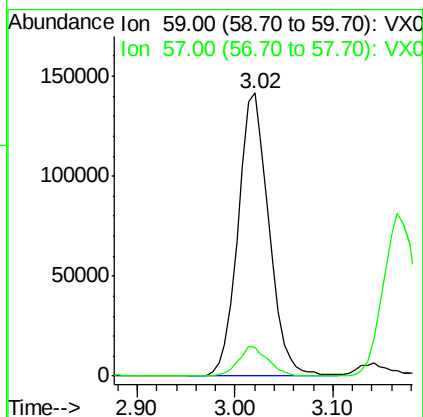
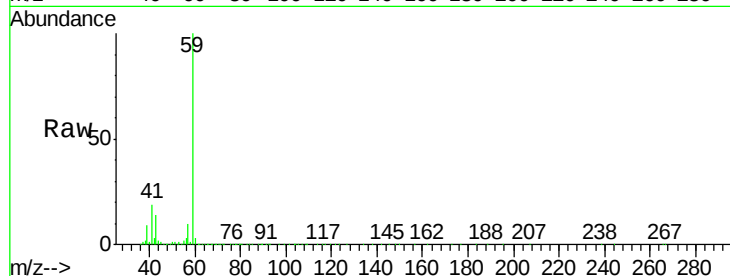




#11
Tert butyl alcohol
Concen: 214.112 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

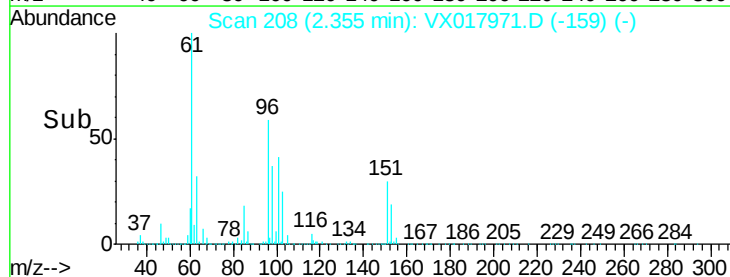
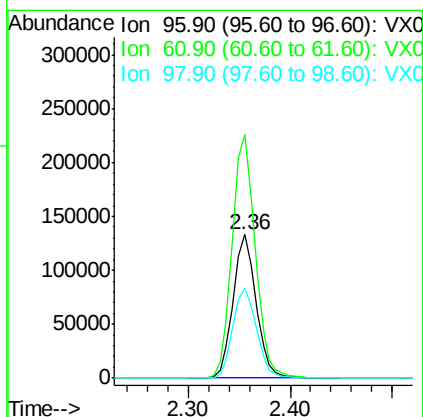
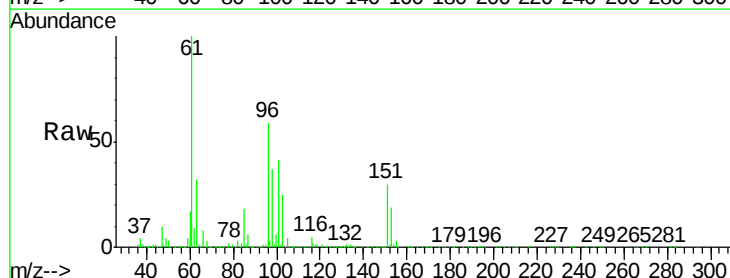
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

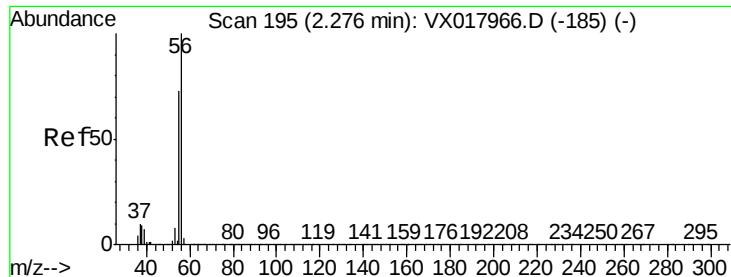
Tgt Ion: 59 Resp: 309005
Ion Ratio Lower Upper
59 100
57 10.3 8.6 13.0



#12
1,1-Dichloroethene
Concen: 45.010 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion: 96 Resp: 206869
Ion Ratio Lower Upper
96 100
61 169.6 132.9 199.3
98 63.0 51.6 77.4





#13

Acrolein

Concen: 246.394 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

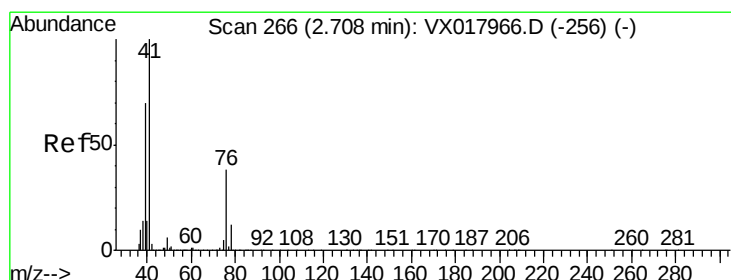
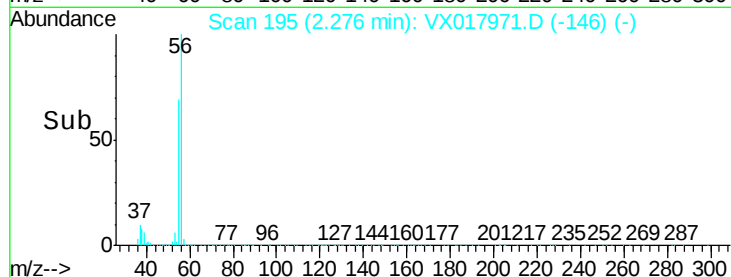
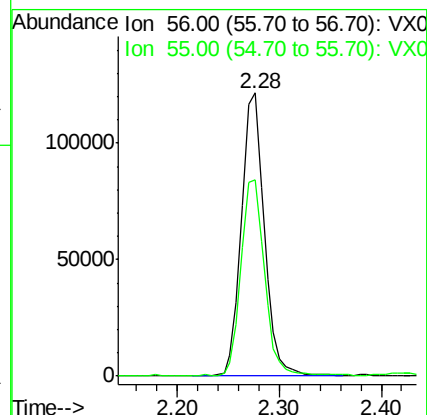
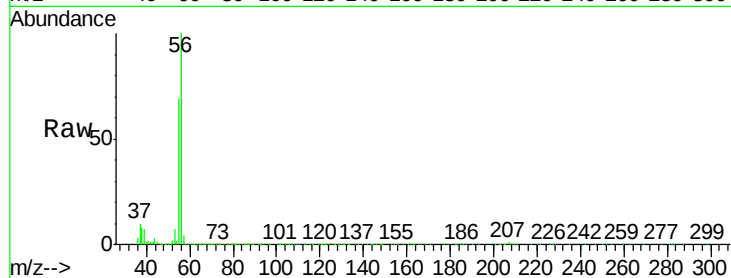
VSTDCCC050

Tgt Ion: 56 Resp: 187841

Ion Ratio Lower Upper

56 100

55 71.3 58.2 87.4



#14

Allyl chloride

Concen: 44.217 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

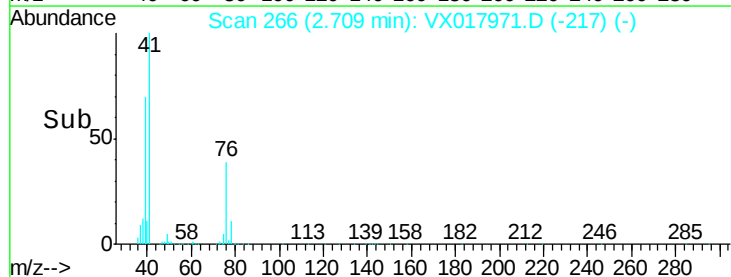
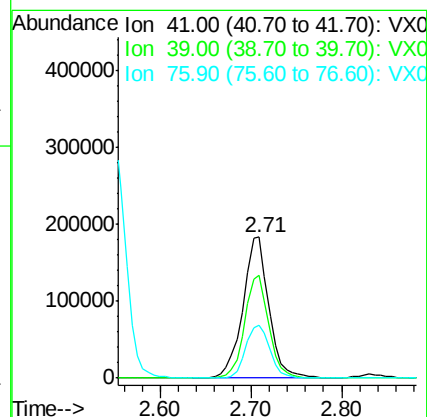
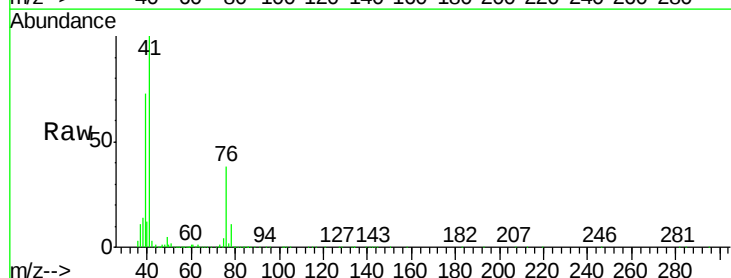
Tgt Ion: 41 Resp: 362453

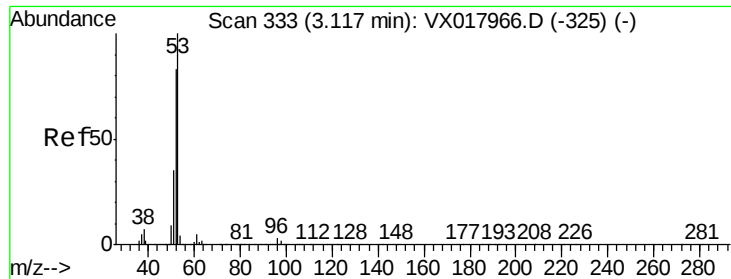
Ion Ratio Lower Upper

41 100

39 67.7 51.7 77.5

76 34.5 26.3 39.5





#15

Acrylonitrile

Concen: 230.846 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

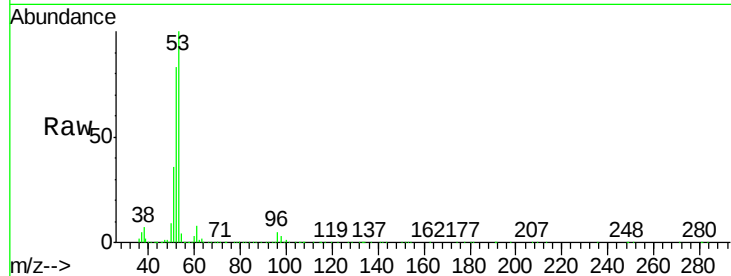
Tgt Ion: 53 Resp: 727572

Ion Ratio Lower Upper

53 100

52 82.7 67.1 100.7

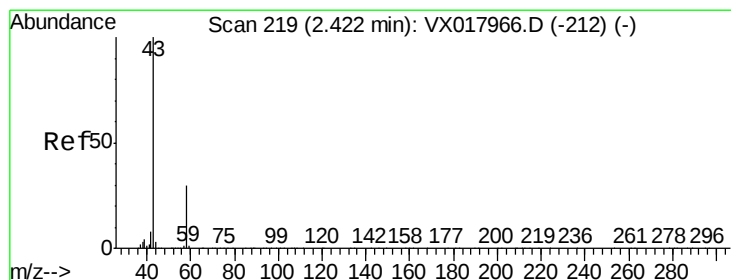
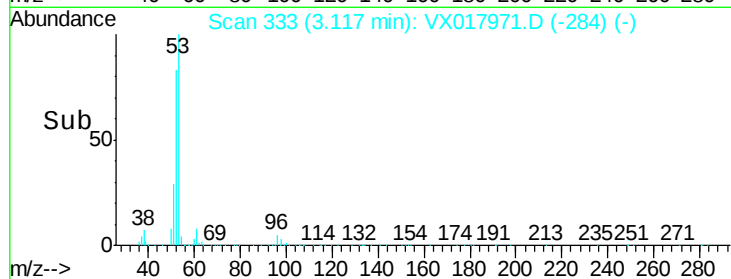
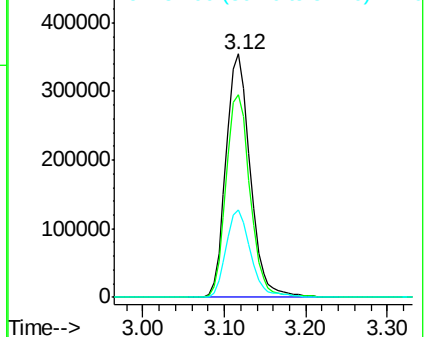
51 36.6 29.2 43.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 215.278 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017971.D

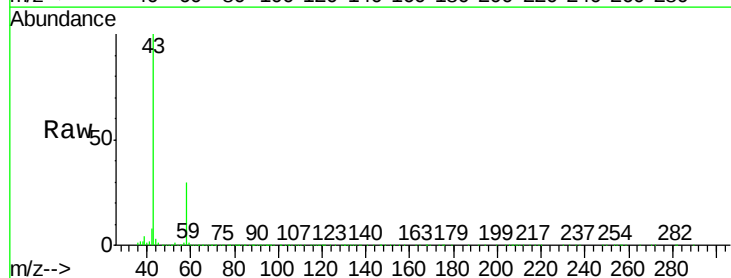
Acq: 19 Aug 2020 09:44

Tgt Ion: 43 Resp: 633062

Ion Ratio Lower Upper

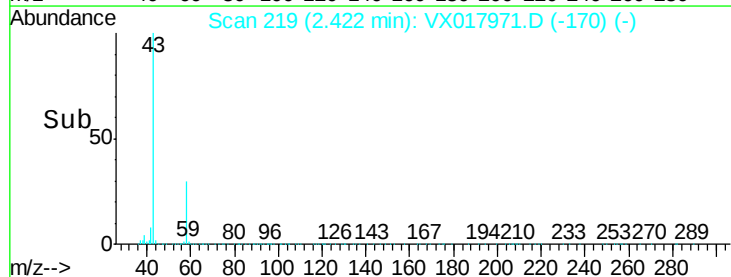
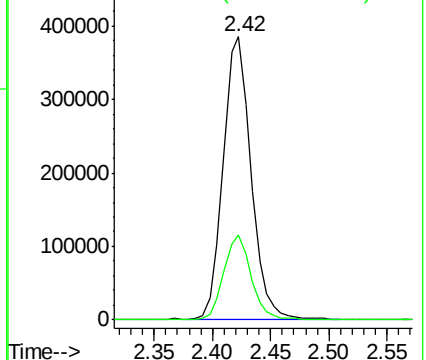
43 100

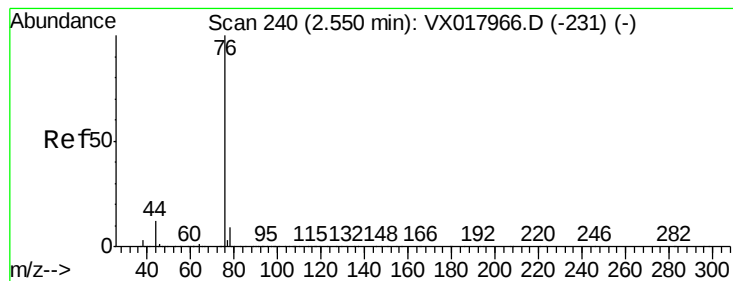
58 30.1 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.618 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

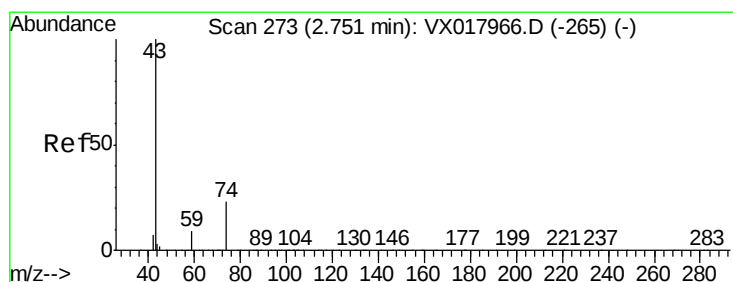
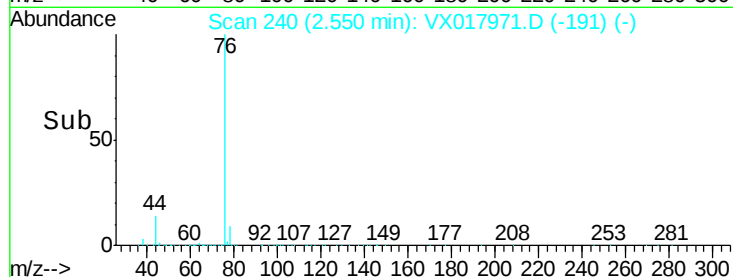
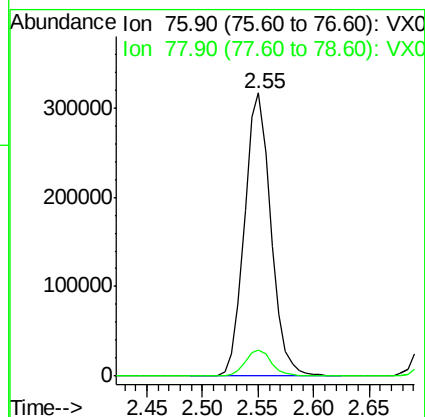
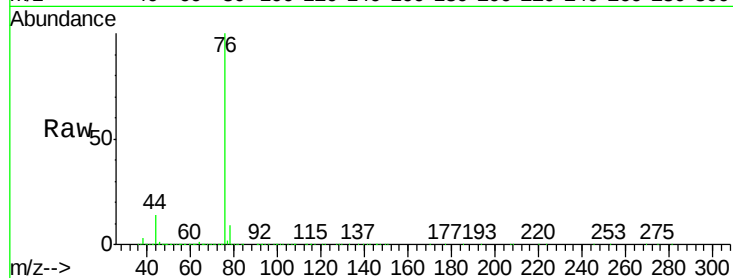
VSTDCCC050

Tgt Ion: 76 Resp: 519852

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



#18

Methyl Acetate

Concen: 43.935 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017971.D

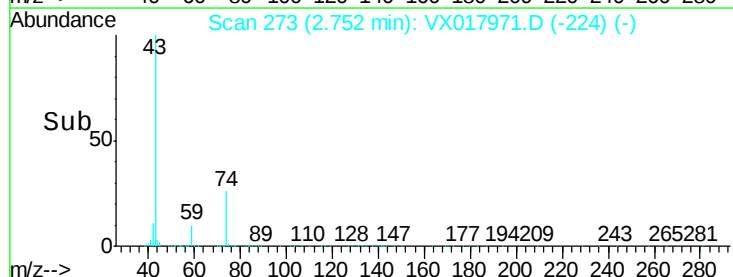
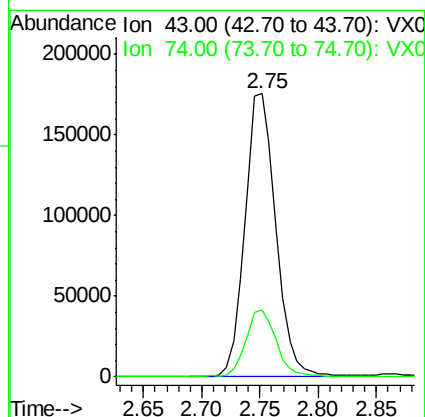
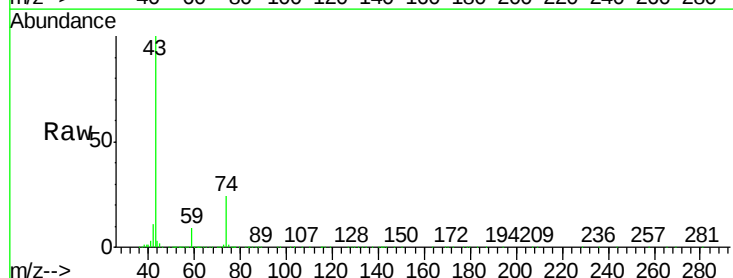
Acq: 19 Aug 2020 09:44

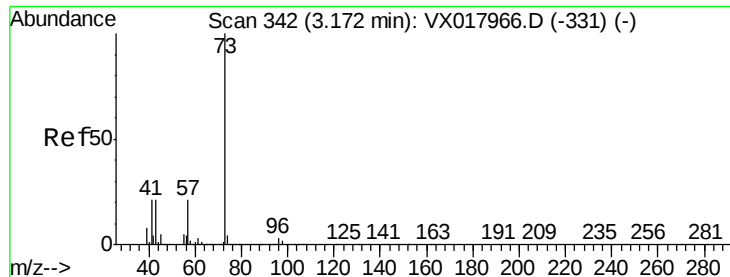
Tgt Ion: 43 Resp: 325099

Ion Ratio Lower Upper

43 100

74 23.4 19.7 29.5



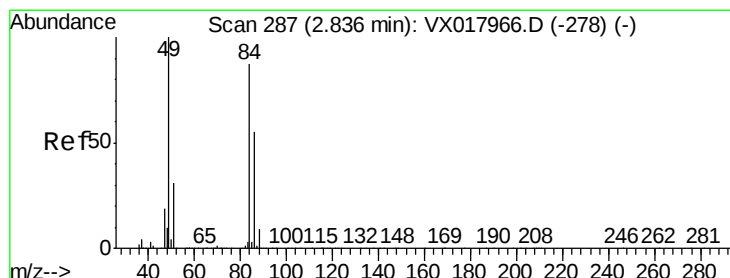
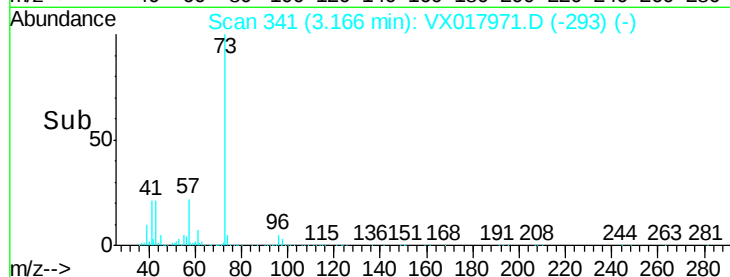
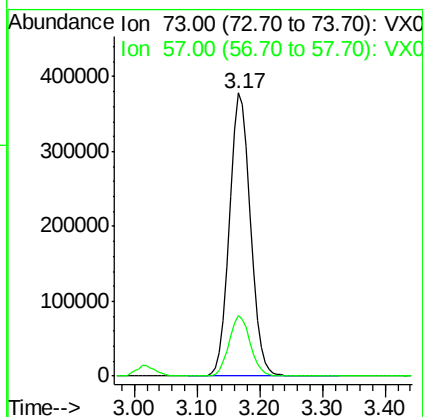
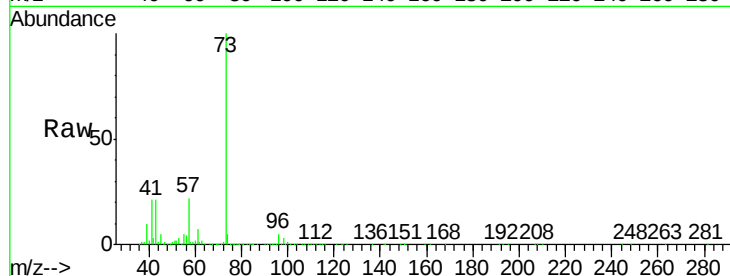


#19

Methyl tert-butyl Ether
 Concen: 49.924 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX017971.D
 Acq: 19 Aug 2020 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

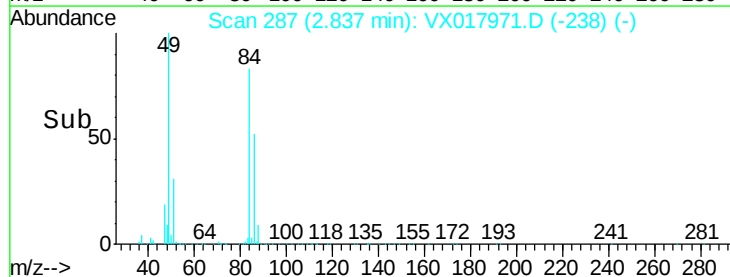
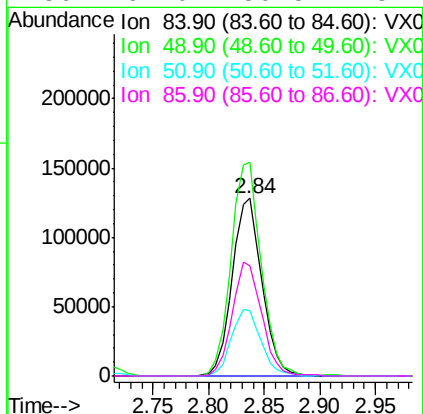
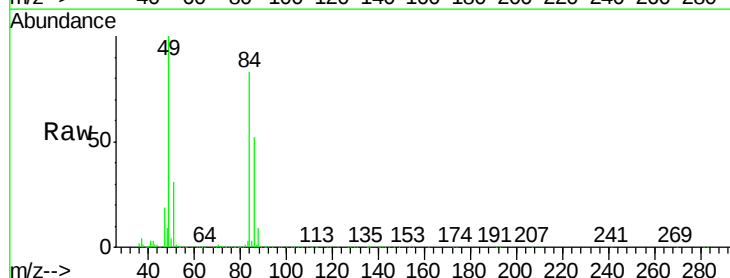
Tgt Ion: 73 Resp: 877246
 Ion Ratio Lower Upper
 73 100
 57 21.6 16.9 25.3

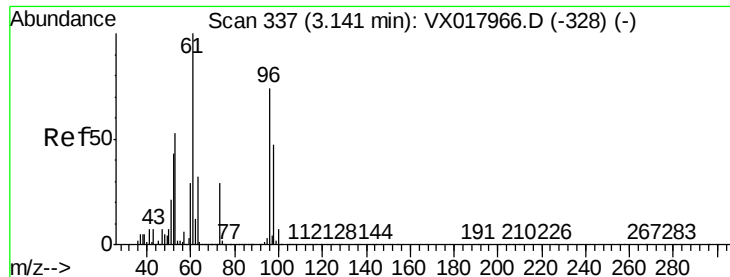


#20

Methylene Chloride
 Concen: 43.911 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017971.D
 Acq: 19 Aug 2020 09:44

Tgt Ion: 84 Resp: 237908
 Ion Ratio Lower Upper
 84 100
 49 120.2 91.8 137.6
 51 37.0 27.8 41.8
 86 62.0 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 49.332 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

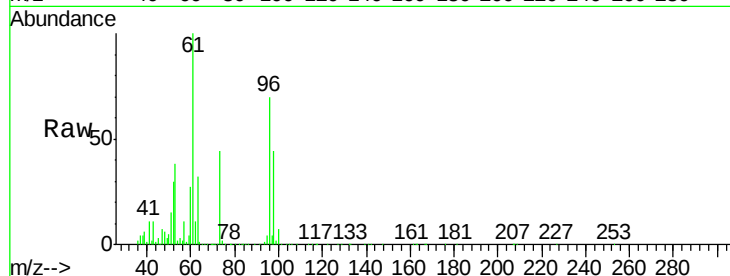
Tgt Ion: 96 Resp: 233089

Ion Ratio Lower Upper

96 100

61 142.6 108.6 163.0

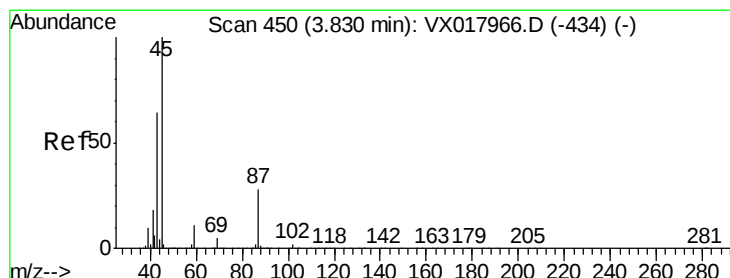
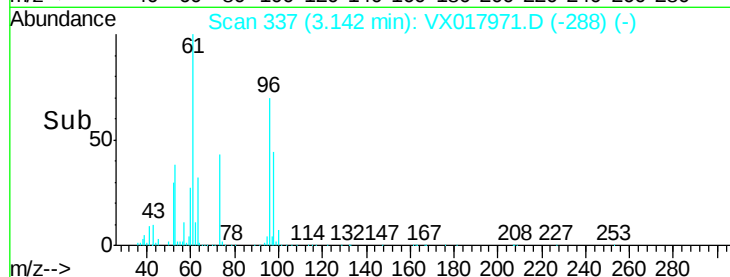
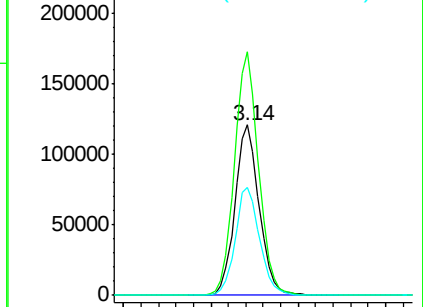
98 63.0 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.987 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Tgt Ion: 45 Resp: 858942

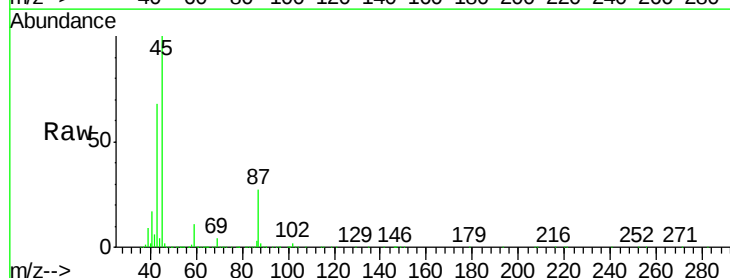
Ion Ratio Lower Upper

45 100

43 67.5 51.5 77.3

87 27.4 22.6 33.8

59 11.2 9.0 13.4

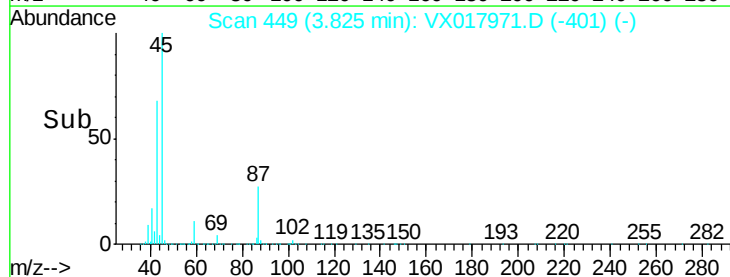
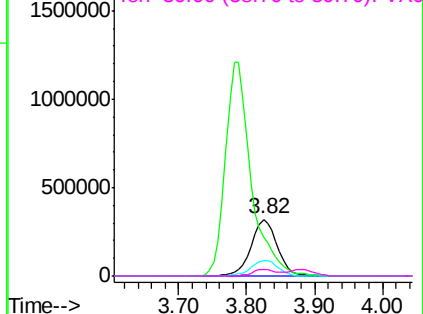


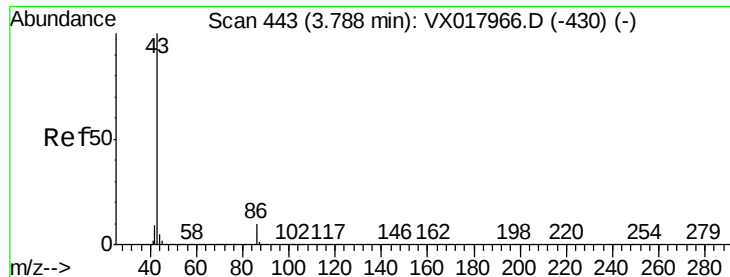
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 242.842 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

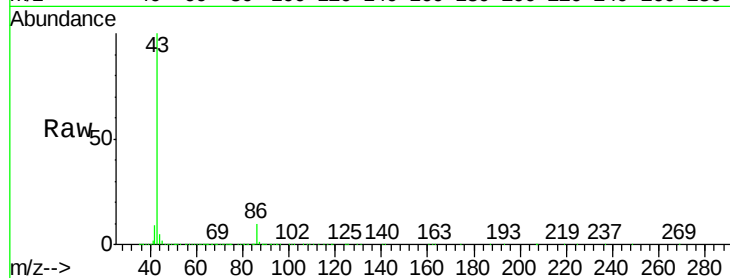
VSTDCCC050

Tgt Ion: 43 Resp: 3188872

Ion Ratio Lower Upper

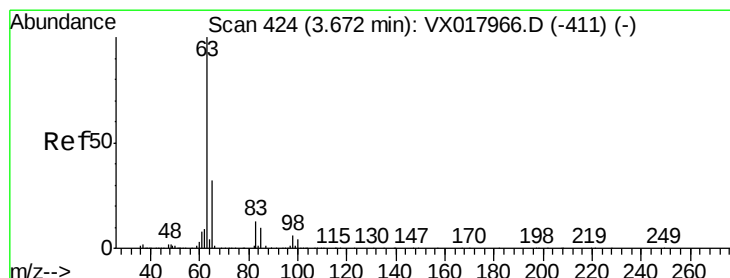
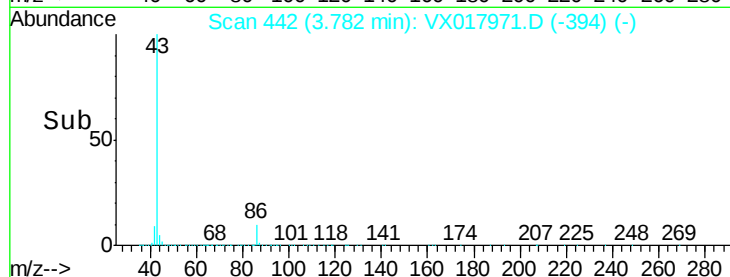
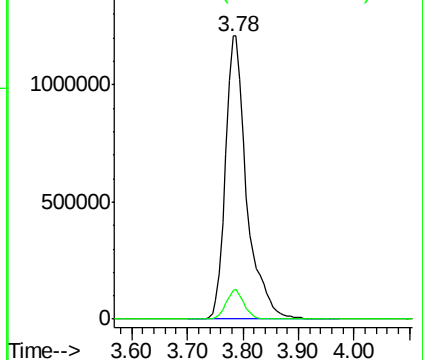
43 100

86 10.1 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.714 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

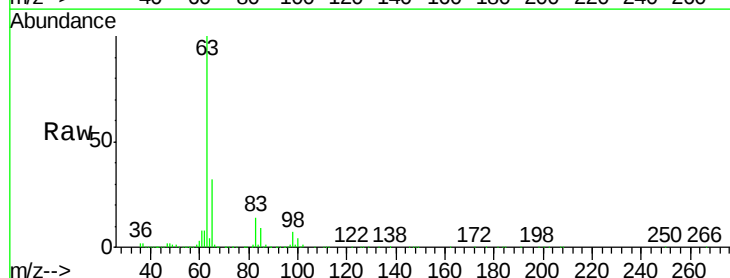
Tgt Ion: 63 Resp: 454508

Ion Ratio Lower Upper

63 100

98 7.1 3.0 9.0

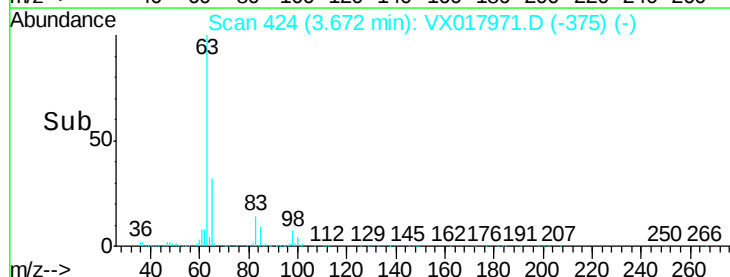
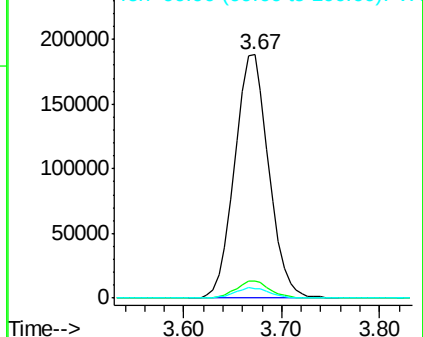
100 4.0 2.0 5.8

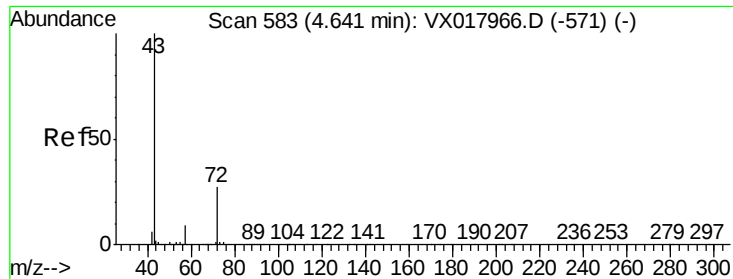


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 225.290 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

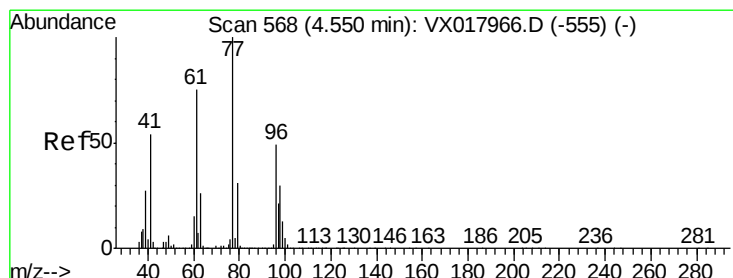
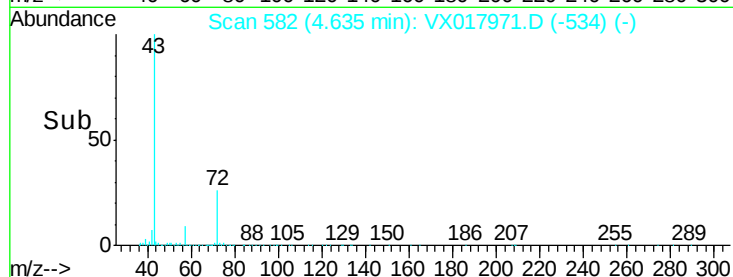
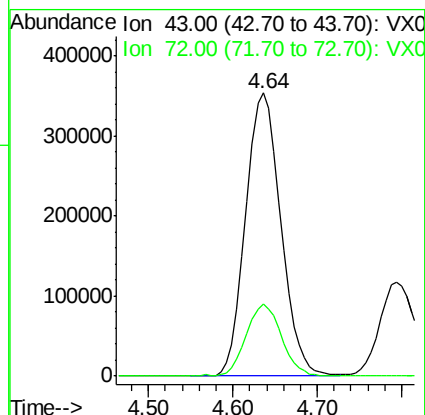
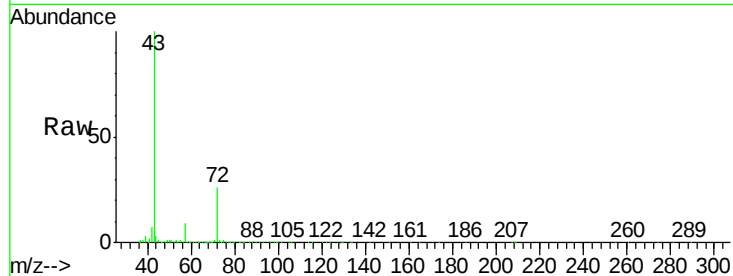
VSTDCCC050

Tgt Ion: 43 Resp: 1002980

Ion Ratio Lower Upper

43 100

72 25.3 21.4 32.2



#26

2,2-Dichloropropane

Concen: 51.266 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX017971.D

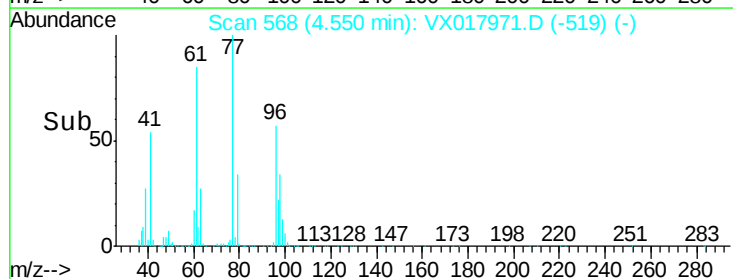
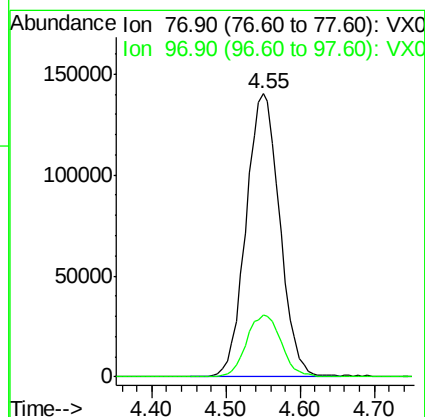
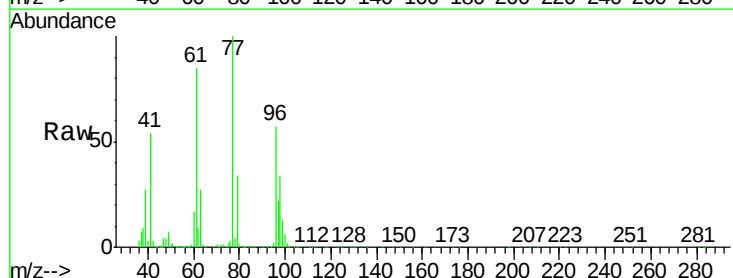
Acq: 19 Aug 2020 09:44

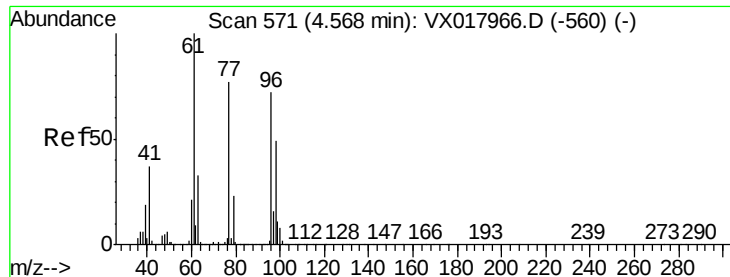
Tgt Ion: 77 Resp: 444693

Ion Ratio Lower Upper

77 100

97 22.5 10.9 32.9



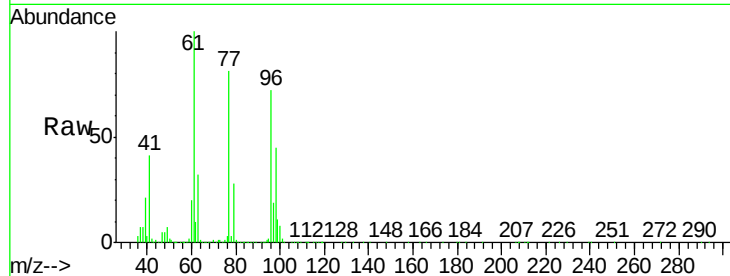


#27

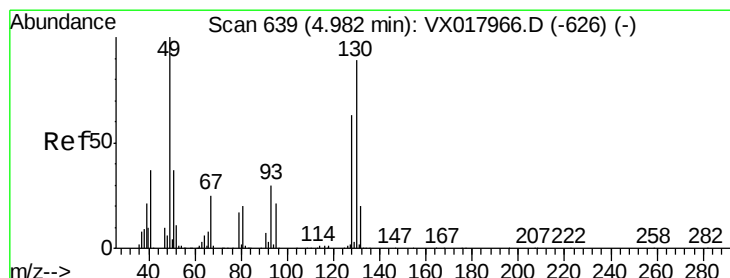
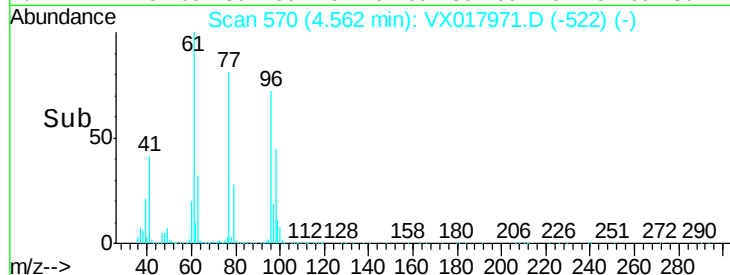
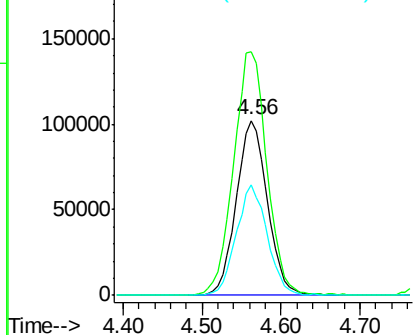
cis-1,2-Dichloroethene
Concen: 50.315 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.2	0.0	298.8
98	62.8	0.0	130.2



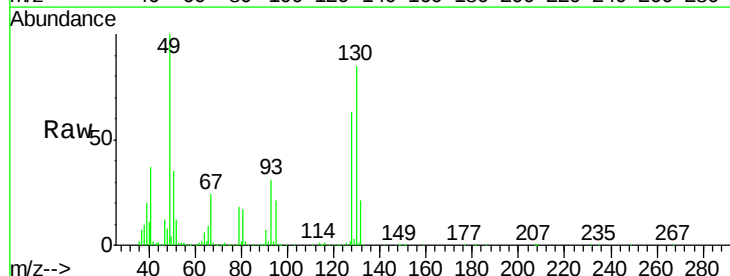
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



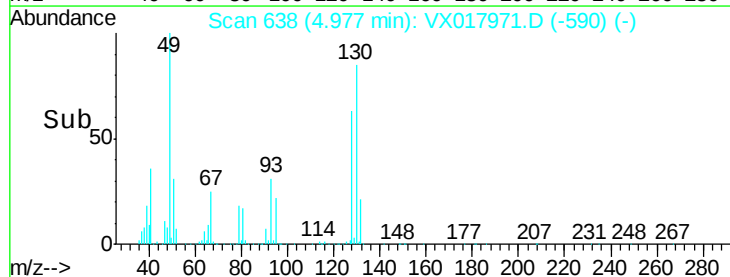
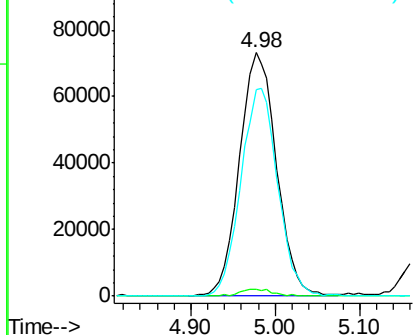
#28

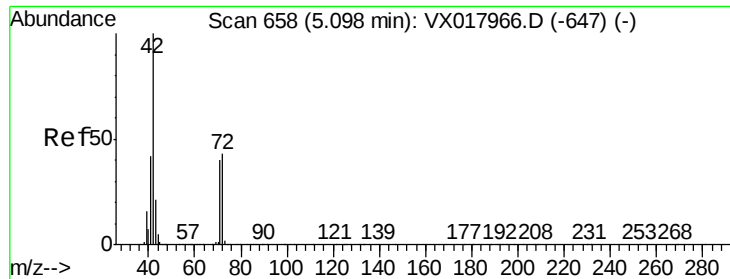
Bromochloromethane
Concen: 44.309 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	3.6
130	84.9	68.5	102.7



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 225.810 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

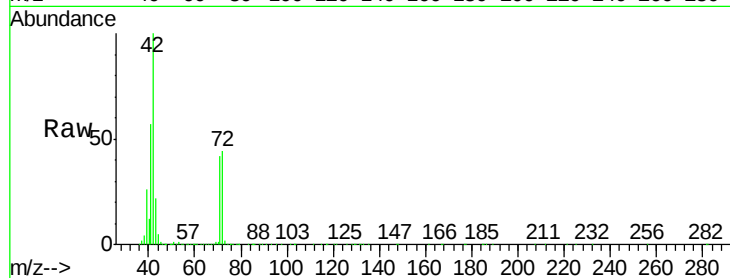
Tgt Ion: 42 Resp: 624351

Ion Ratio Lower Upper

42 100

72 45.0 35.9 53.9

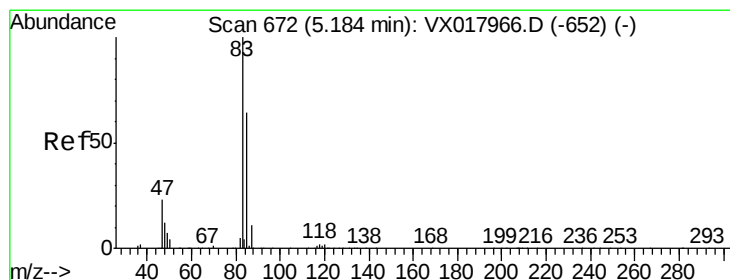
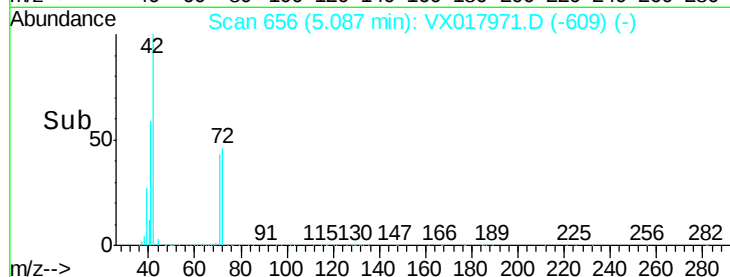
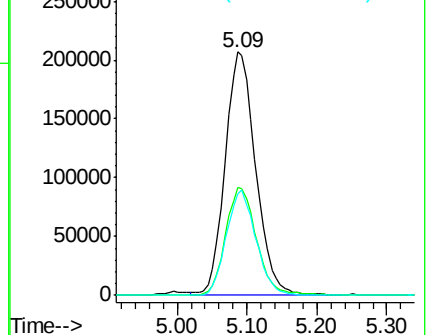
71 42.4 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.708 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX017971.D

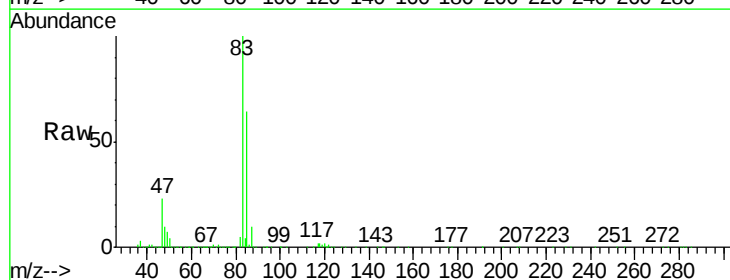
Acq: 19 Aug 2020 09:44

Tgt Ion: 83 Resp: 496724

Ion Ratio Lower Upper

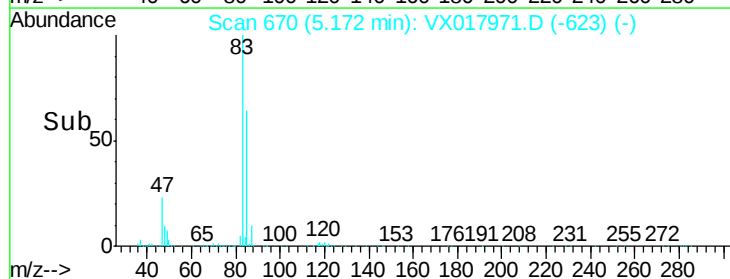
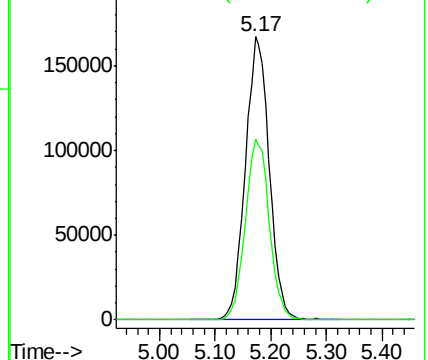
83 100

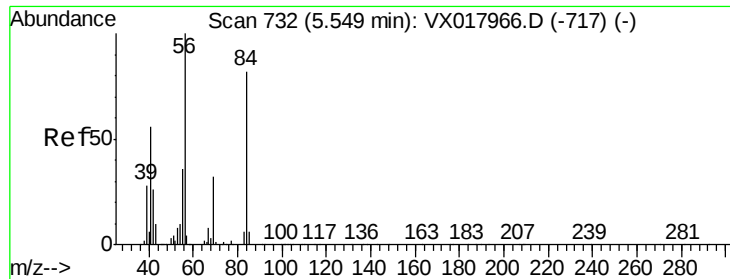
85 63.9 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

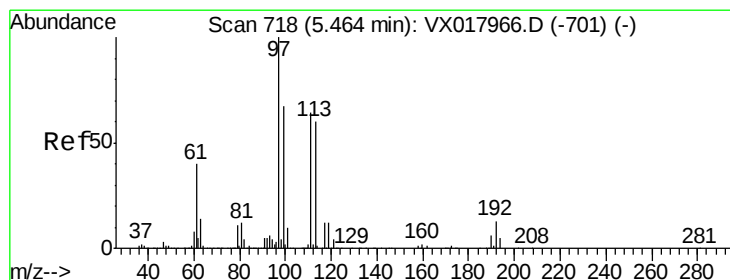
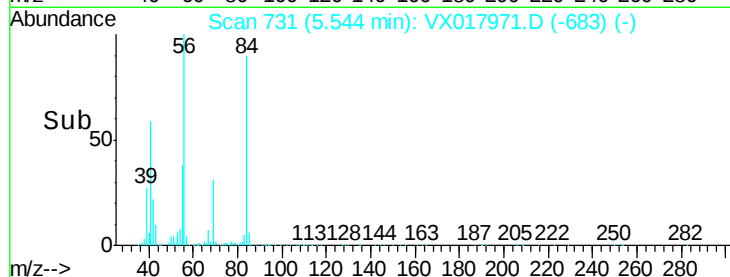
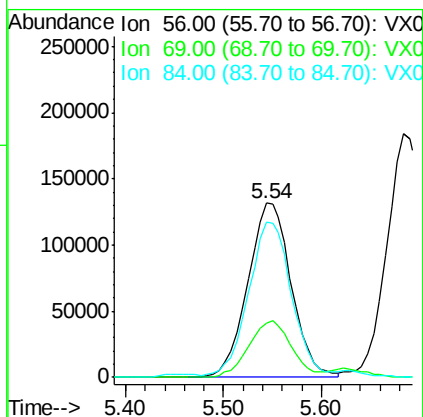
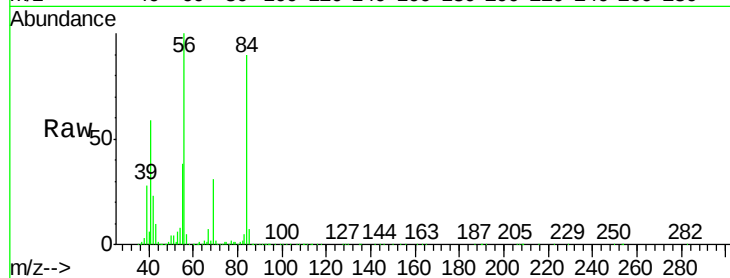




#31
Cyclohexane
Concen: 52.626 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

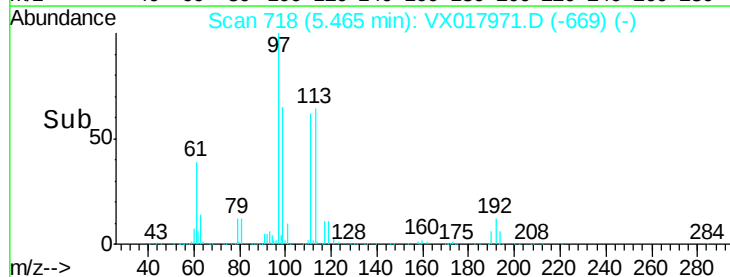
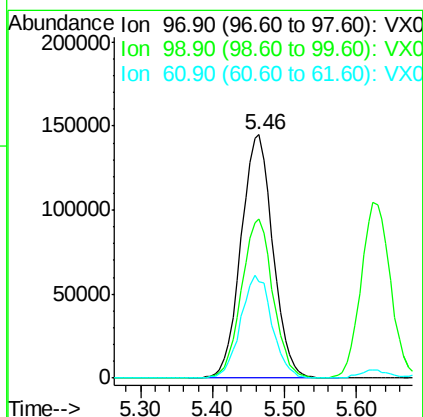
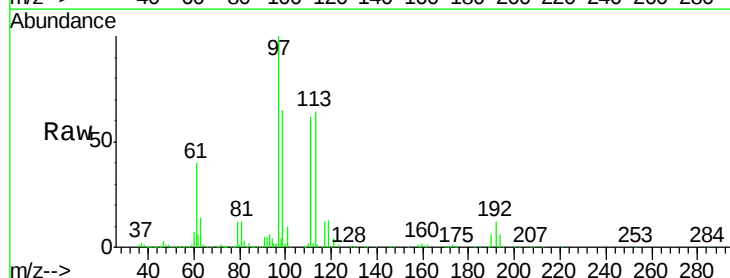
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

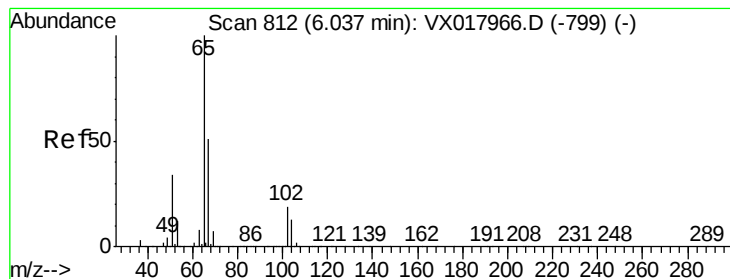
Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.3	37.9
84	88.0	65.3	97.9



#32
1,1,1-Trichloroethane
Concen: 47.098 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.0
61	41.7	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 44.595 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

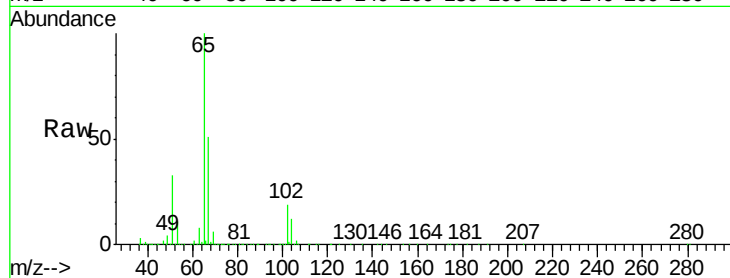
VSTDCCC050

Tgt Ion: 65 Resp: 333339

Ion Ratio Lower Upper

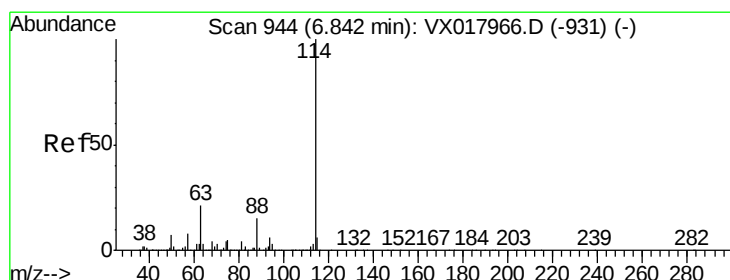
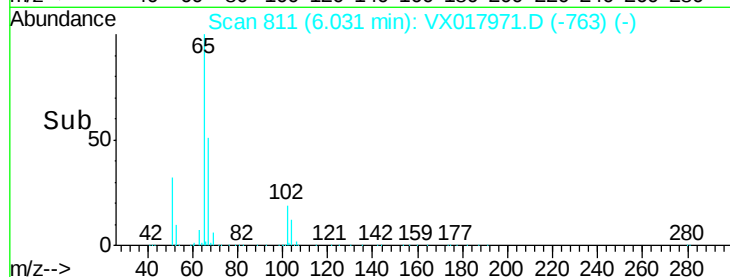
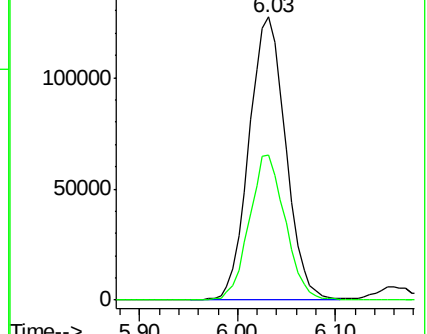
65 100

67 50.1 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

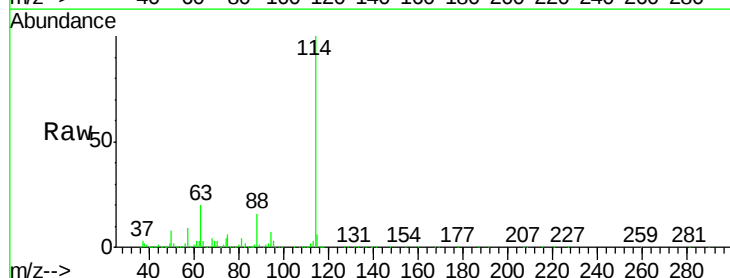
Tgt Ion: 114 Resp: 730457

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

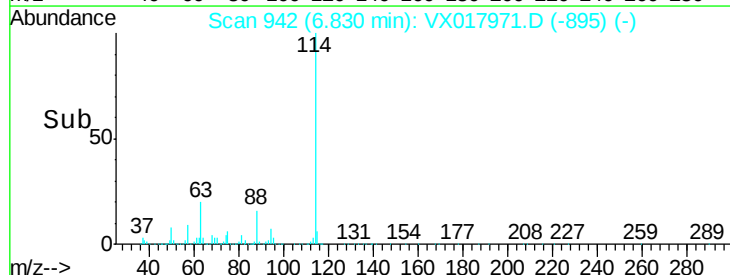
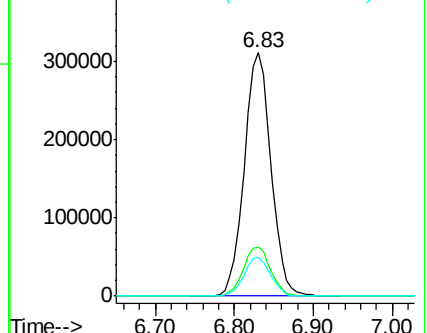
88 15.9 0.0 30.2

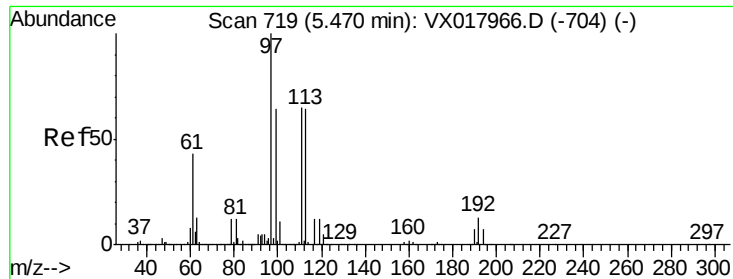


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

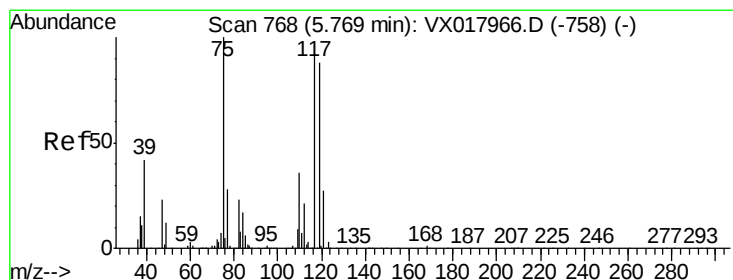
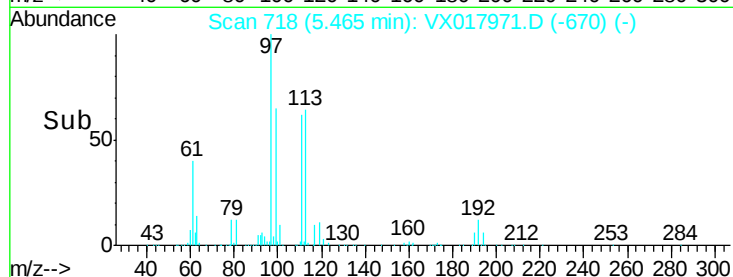
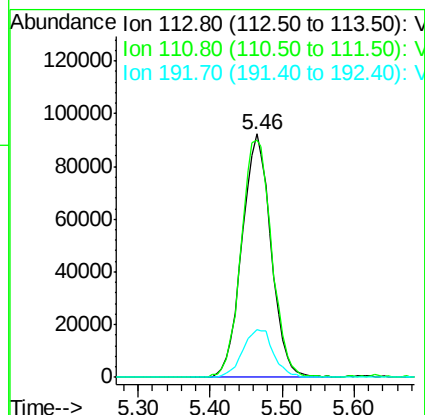
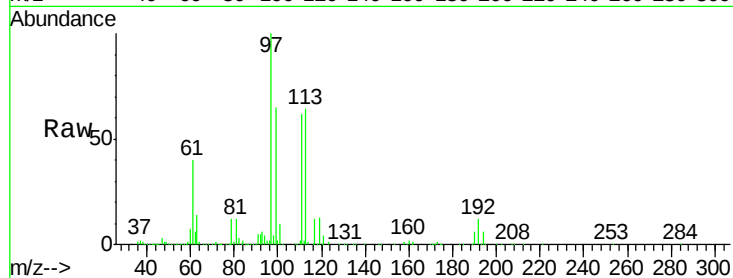




#35
 Dibromofluoromethane
 Concen: 47.443 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017971.D
 Acq: 19 Aug 2020 09:44

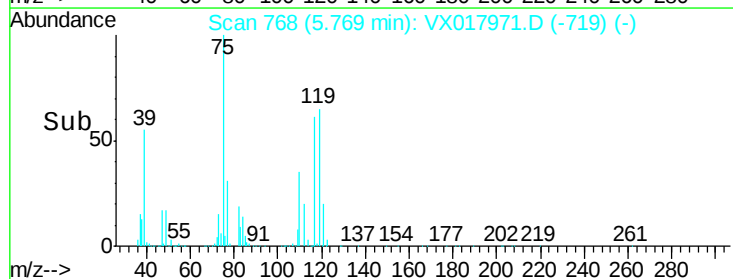
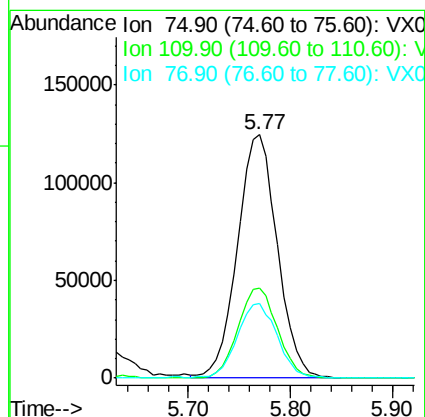
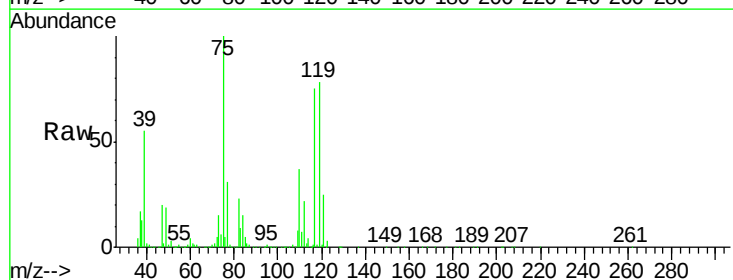
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

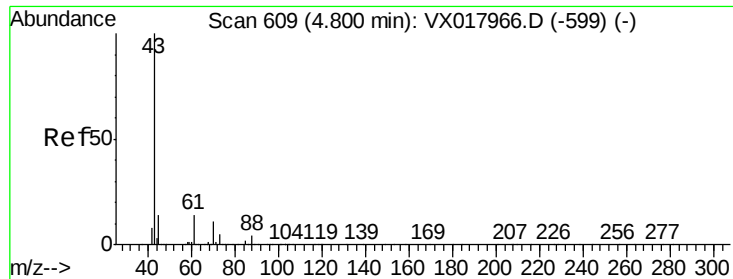
Tgt Ion:113 Resp: 258073
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.5 125.3
 192 20.8 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 54.765 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX017971.D
 Acq: 19 Aug 2020 09:44

Tgt Ion: 75 Resp: 334835
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.7 56.1
 77 31.0 24.4 36.6

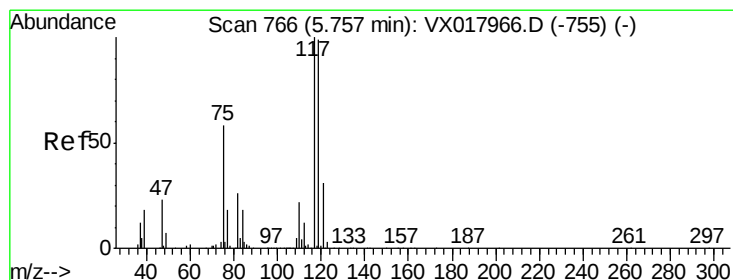
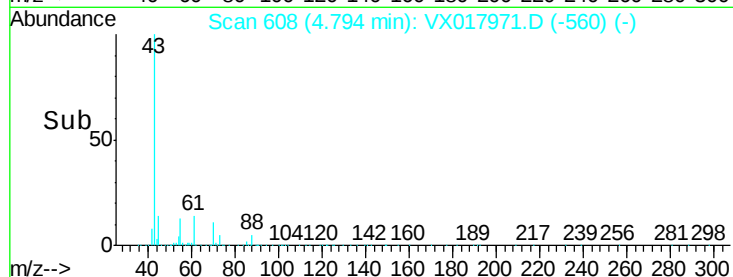
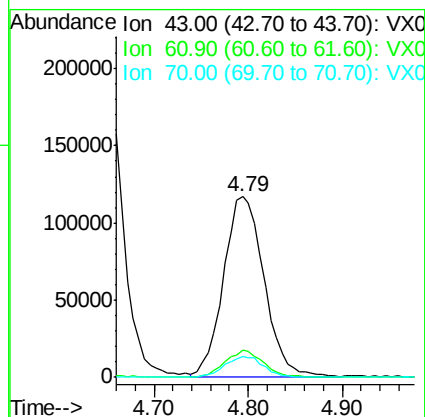
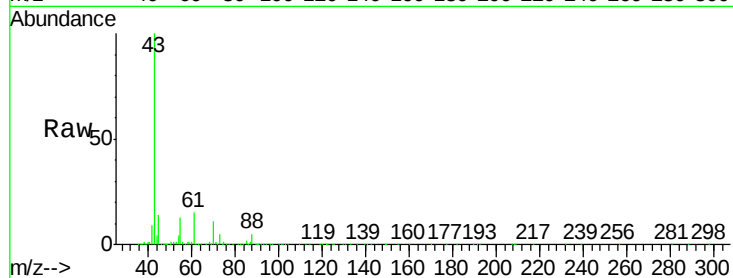




#37
Ethyl Acetate
Concen: 47.617 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

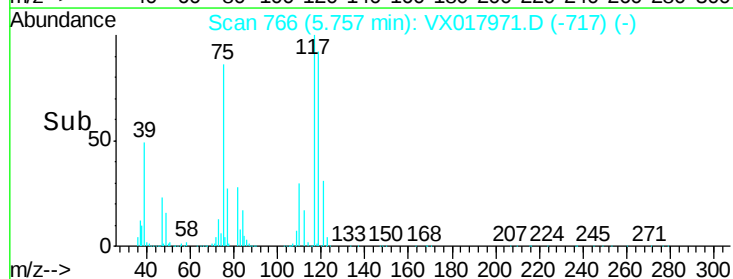
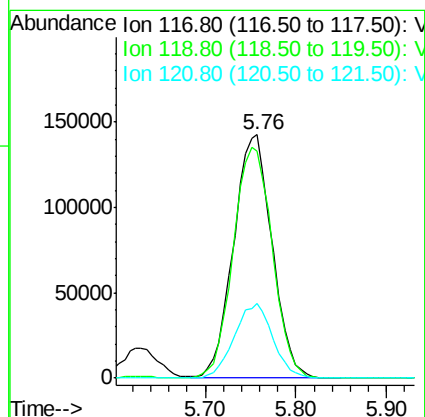
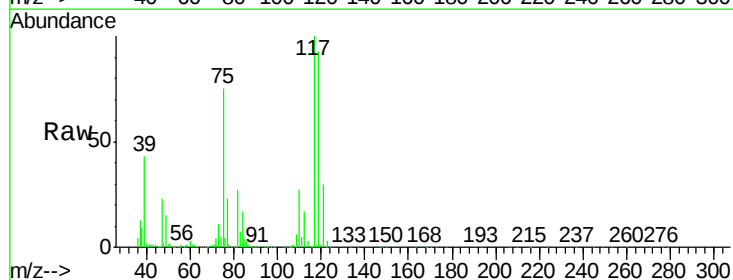
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

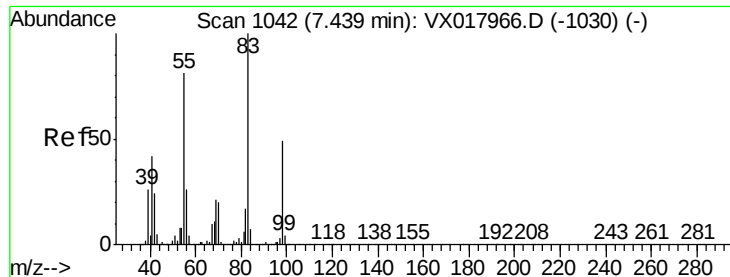
Tgt Ion: 43 Resp: 348332
Ion Ratio Lower Upper
43 100
61 13.8 11.3 16.9
70 11.2 8.5 12.7



#38
Carbon Tetrachloride
Concen: 52.988 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion: 117 Resp: 419279
Ion Ratio Lower Upper
117 100
119 93.2 79.0 118.6
121 30.4 24.7 37.1

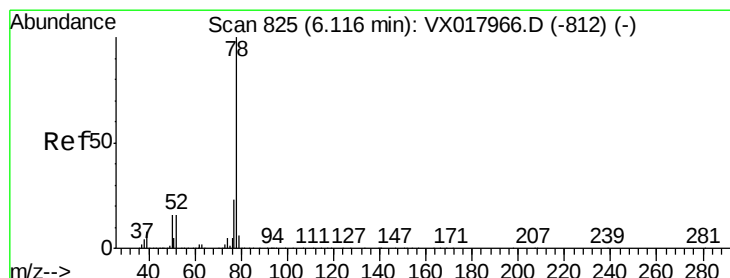
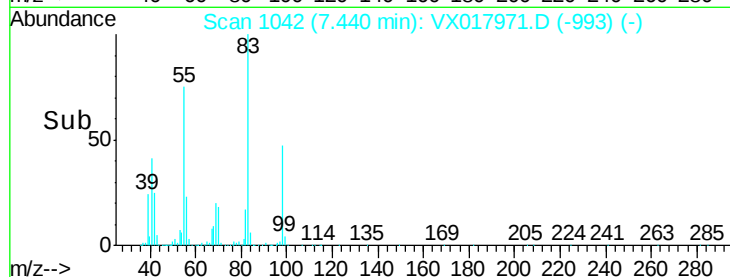
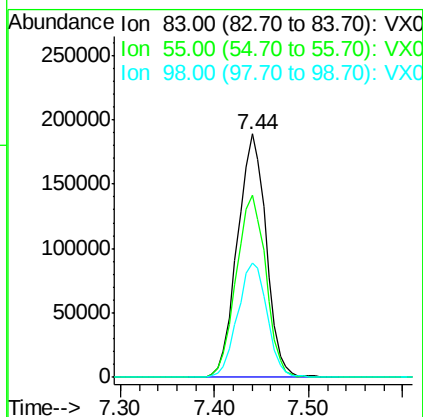
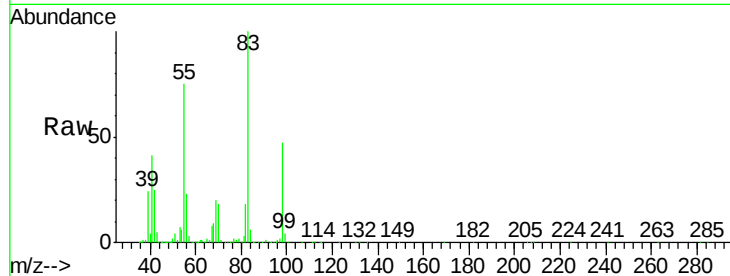




#39
Methylcyclohexane
Concen: 51.523 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

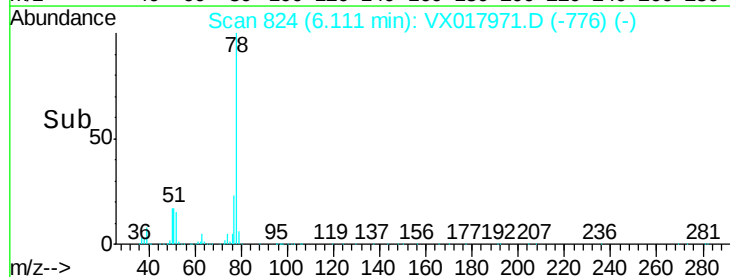
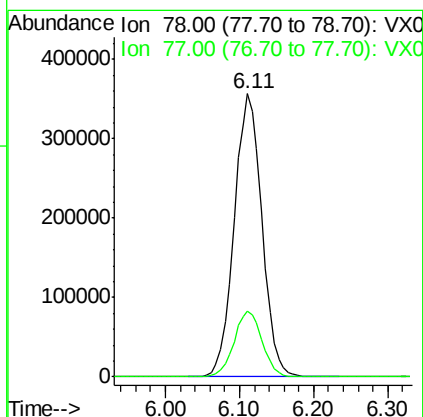
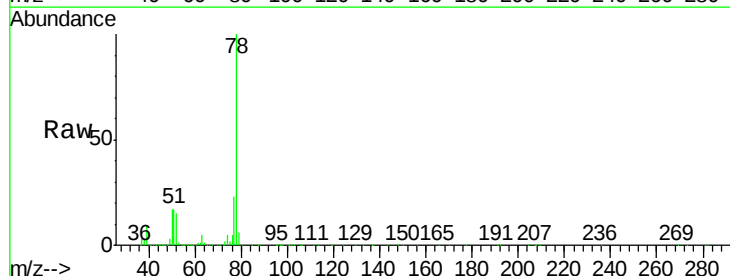
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

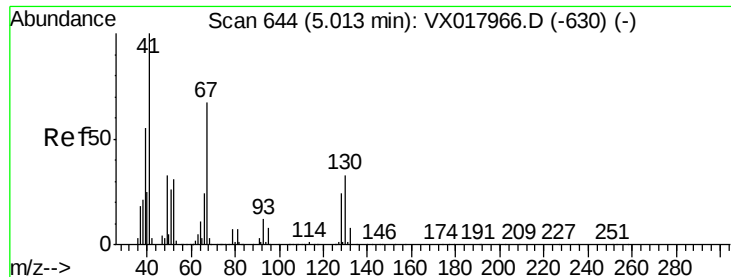
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.0	64.5	96.7
98	47.0	39.0	58.6



#40
Benzene
Concen: 50.449 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2

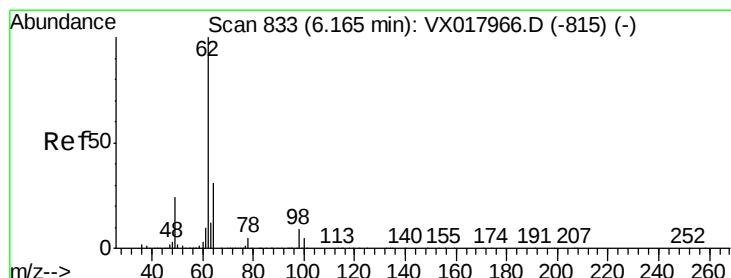
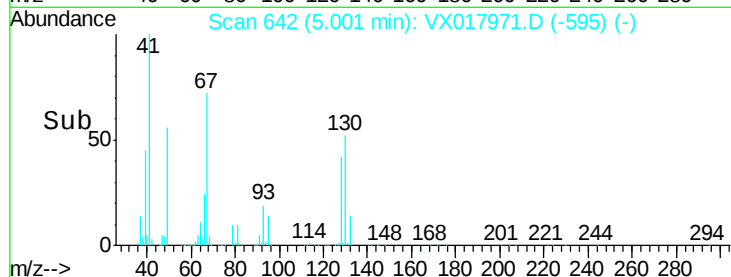
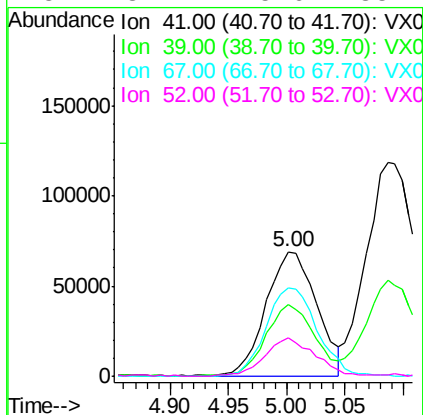
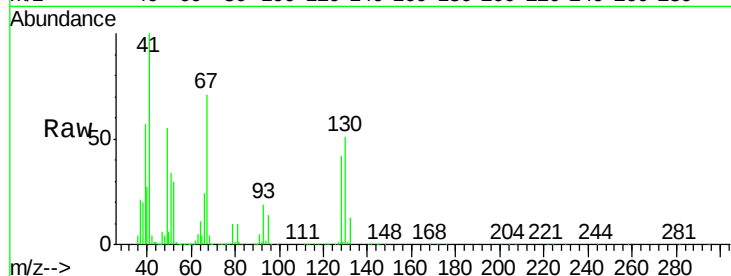




#41
Methacrylonitrile
Concen: 49.436 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

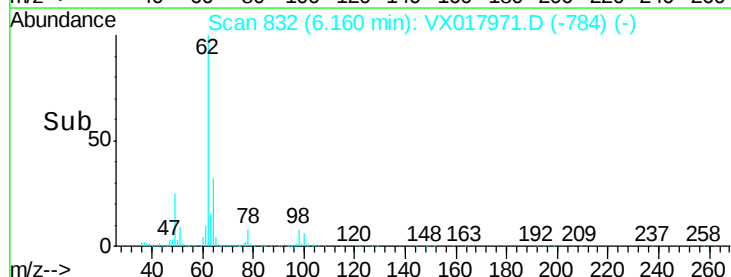
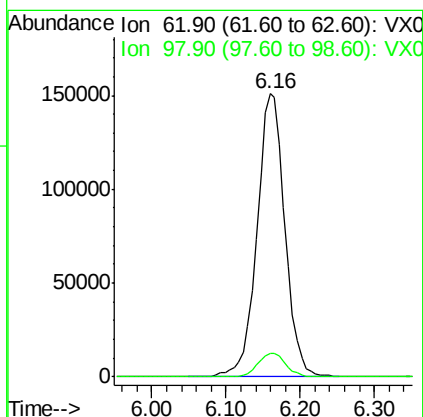
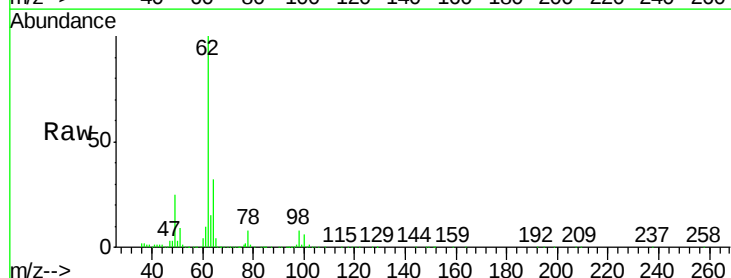
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

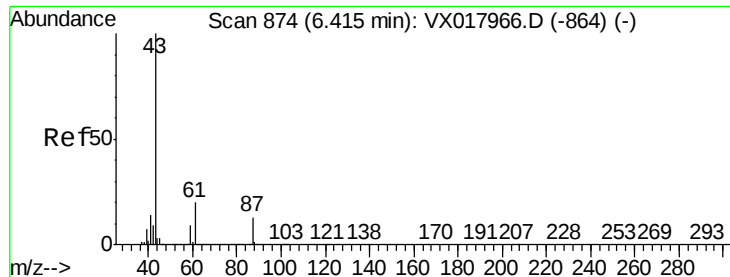
Tgt Ion:	41	Resp:	207275
Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.8	67.2
67	71.7	57.5	86.3
52	31.2	25.6	38.4



#42
1,2-Dichloroethane
Concen: 50.529 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion:	62	Resp:	395240
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2





#43

Isopropyl Acetate

Concen: 49.322 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

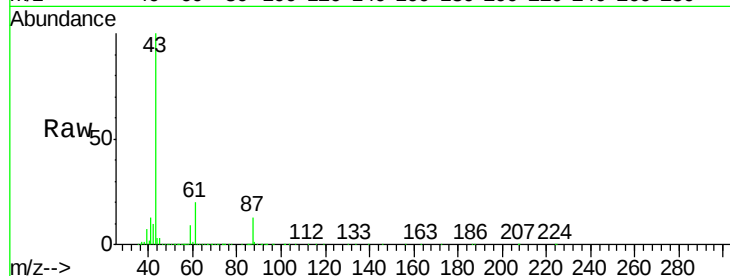
Tgt Ion: 43 Resp: 582439

Ion Ratio Lower Upper

43 100

61 19.7 16.2 24.4

87 13.9 10.8 16.2

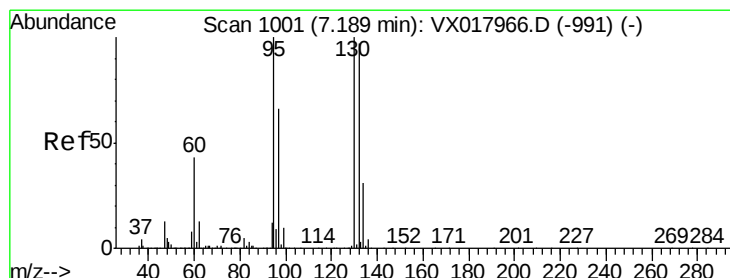
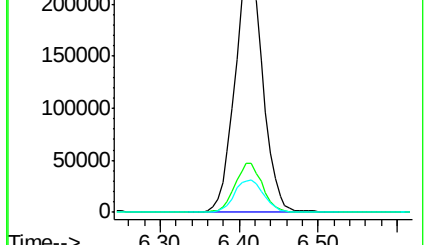
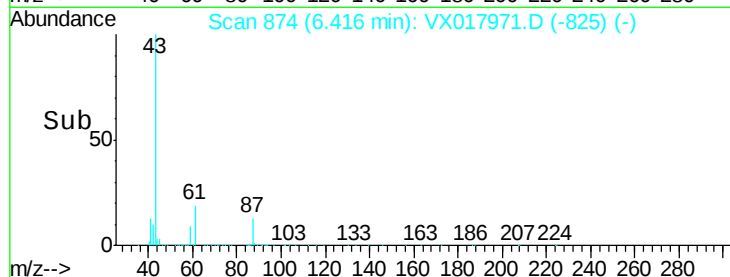


Abundance Ion 43.00 (42.70 to 43.70): VX017971.D (-825) (-)

Ion 61.00 (60.70 to 61.70): VX017971.D (-825) (-)

Ion 87.00 (86.70 to 87.70): VX017971.D (-825) (-)

Time-->



#44

Trichloroethene

Concen: 50.734 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017971.D

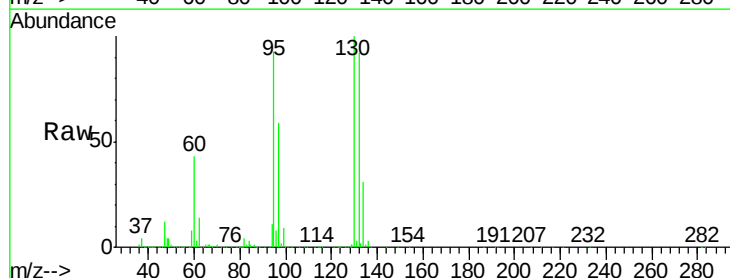
Acq: 19 Aug 2020 09:44

Tgt Ion: 130 Resp: 277054

Ion Ratio Lower Upper

130 100

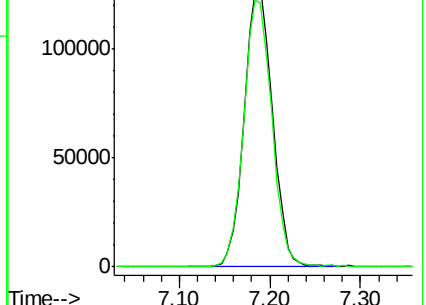
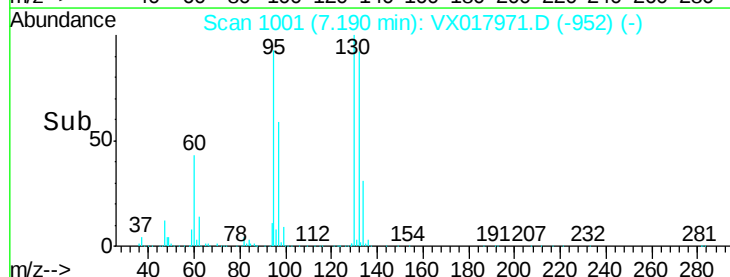
95 93.2 0.0 200.6

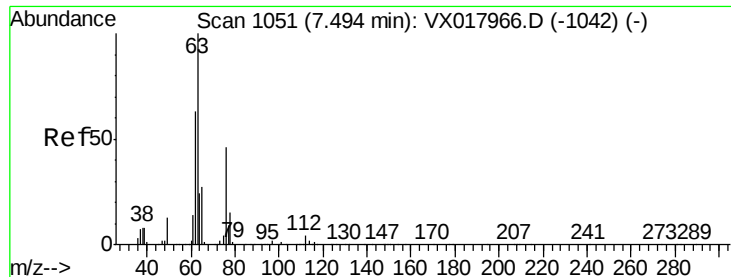


Abundance Ion 129.80 (129.50 to 130.50): VX017971.D (-952) (-)

Ion 94.90 (94.60 to 95.60): VX017971.D (-952) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 47.166 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

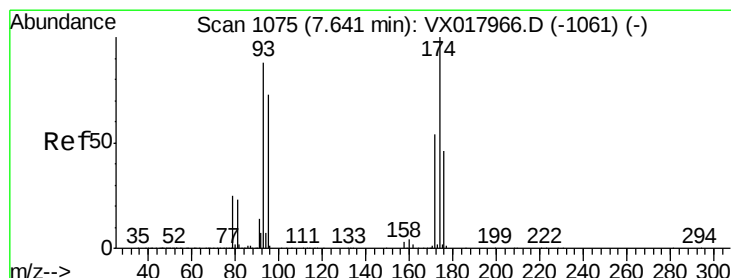
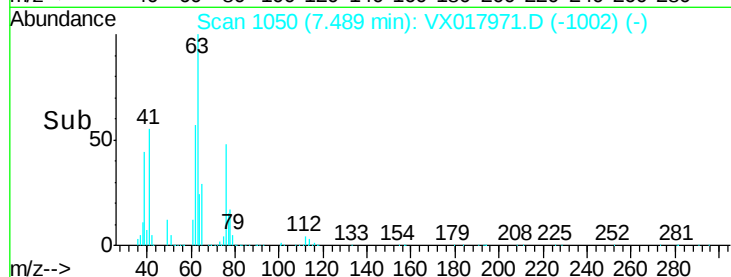
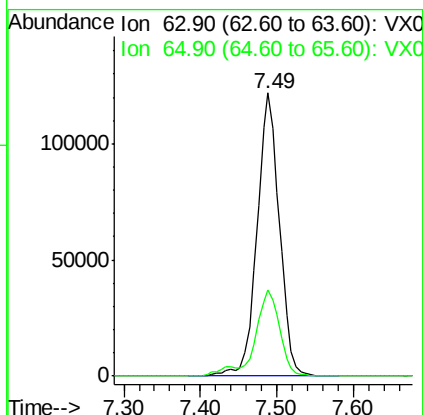
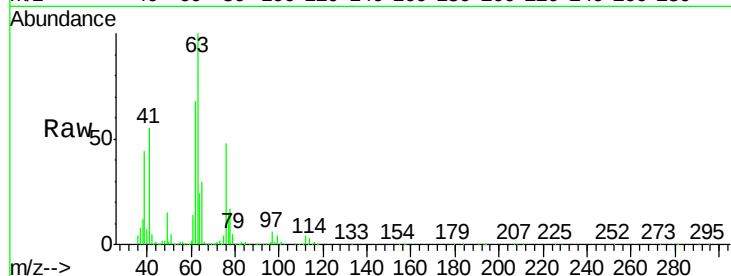
VSTDCCC050

Tgt Ion: 63 Resp: 248855

Ion Ratio Lower Upper

63 100

65 30.3 23.8 35.8



#46

Dibromomethane

Concen: 50.587 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

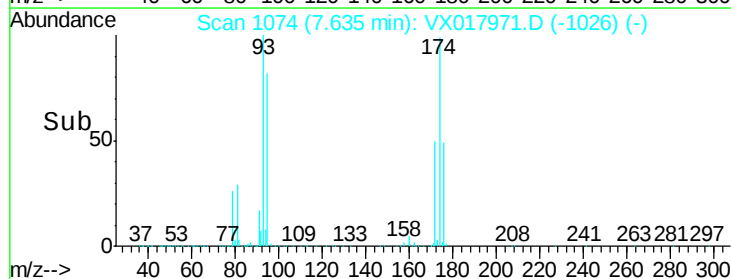
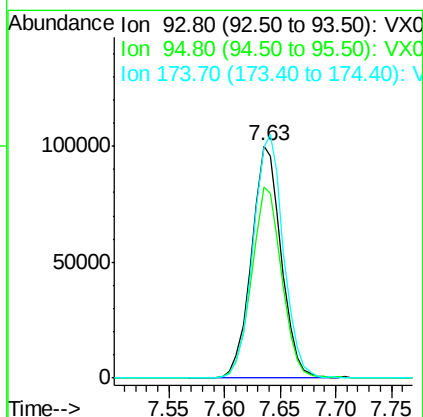
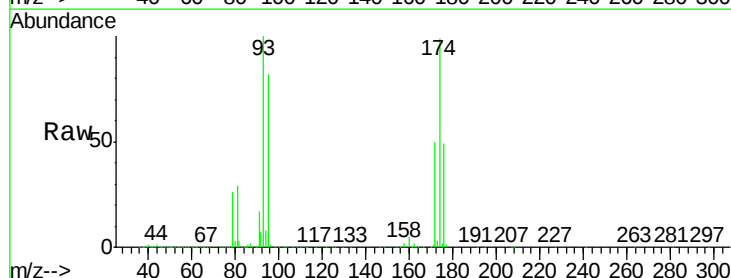
Tgt Ion: 93 Resp: 186276

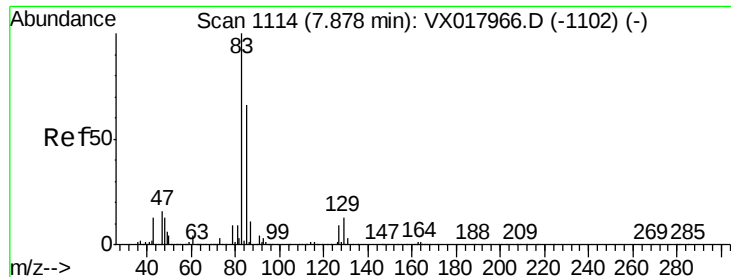
Ion Ratio Lower Upper

93 100

95 83.3 66.8 100.2

174 107.2 88.3 132.5





#47

Bromodichloromethane

Concen: 48.126 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

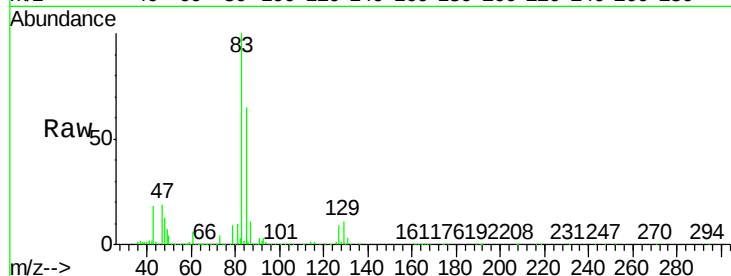
Tgt Ion: 83 Resp: 384721

Ion Ratio Lower Upper

83 100

85 65.1 52.4 78.6

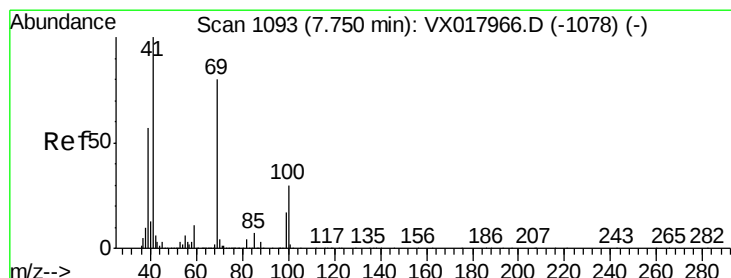
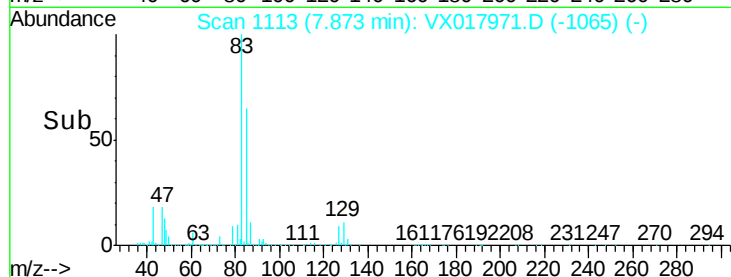
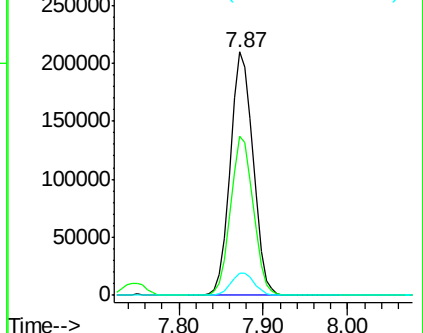
127 9.3 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.136 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

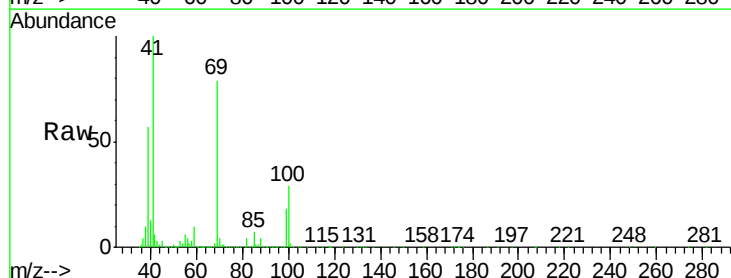
Tgt Ion: 41 Resp: 293504

Ion Ratio Lower Upper

41 100

69 81.0 64.3 96.5

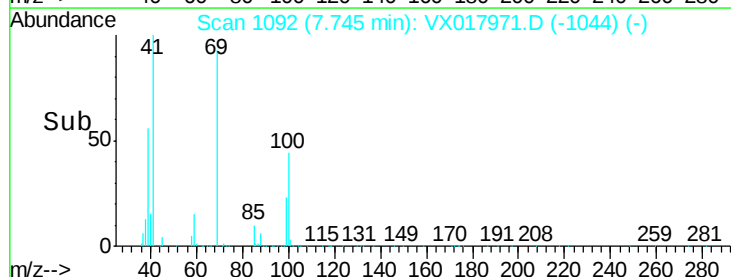
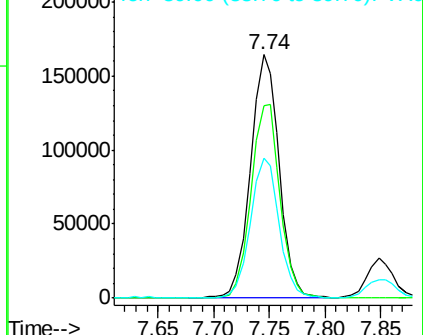
39 57.6 45.3 67.9

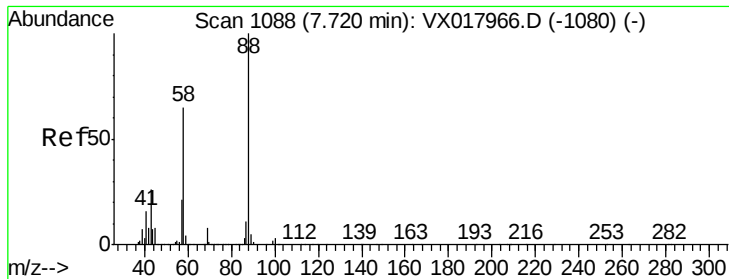


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

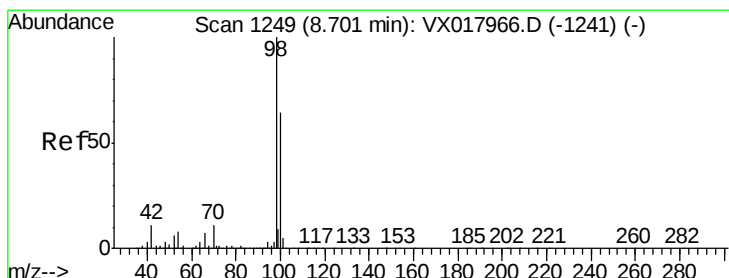
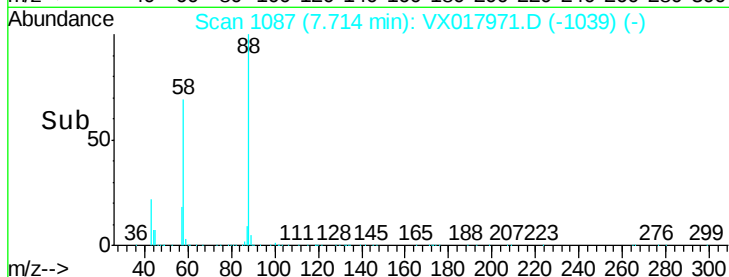
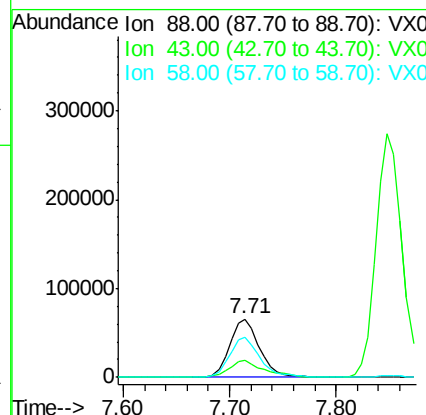
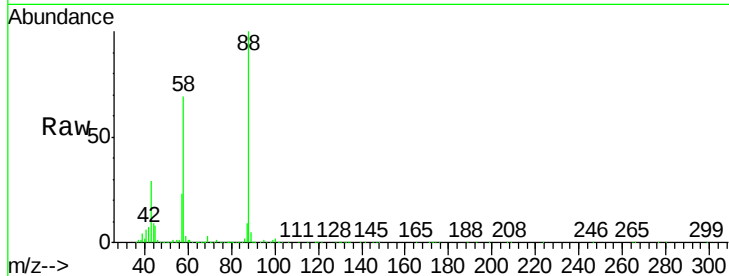




#49
1,4-Dioxane
Concen: 1065.938 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

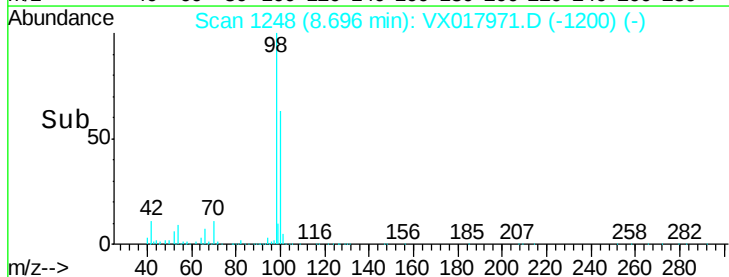
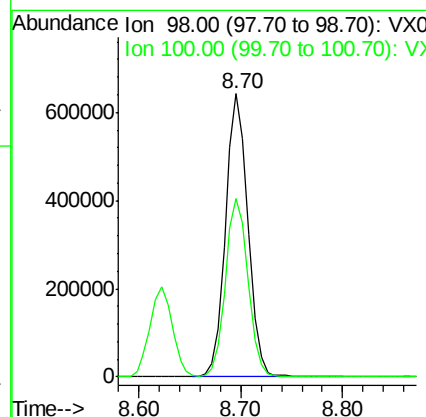
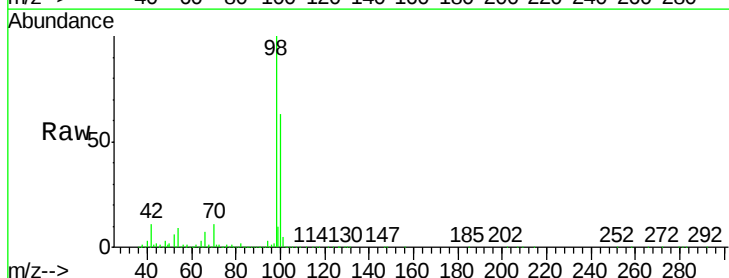
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

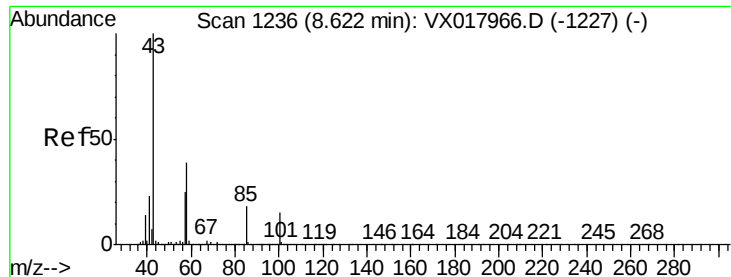
Tgt Ion: 88 Resp: 127753
Ion Ratio Lower Upper
88 100
43 33.2 27.3 40.9
58 71.3 57.7 86.5



#50
Toluene-d8
Concen: 50.753 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion: 98 Resp: 975869
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.2

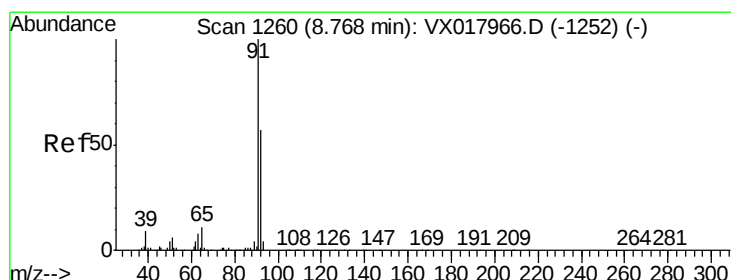
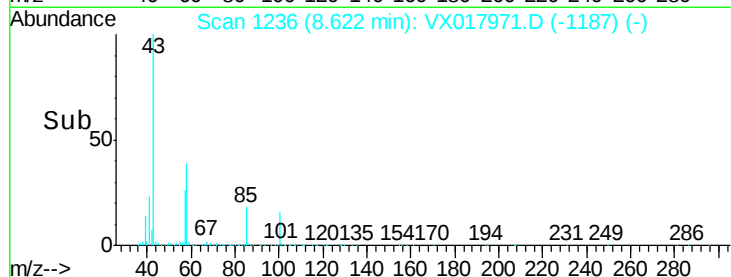
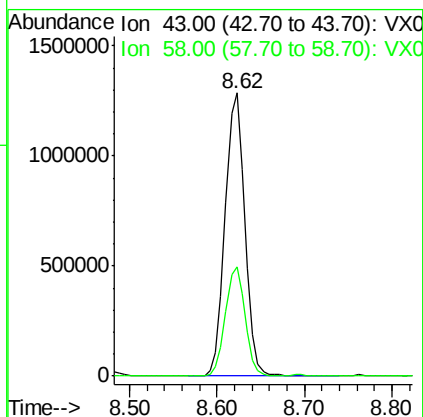
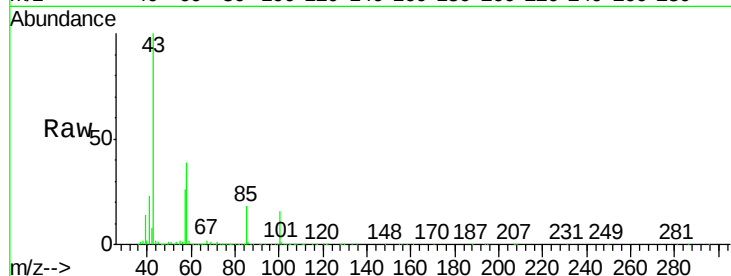




#51
4-Methyl-2-Pentanone
Concen: 253.670 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

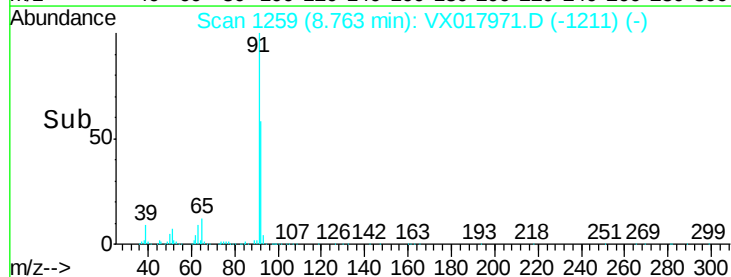
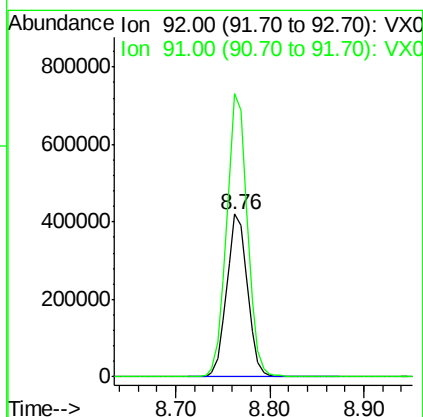
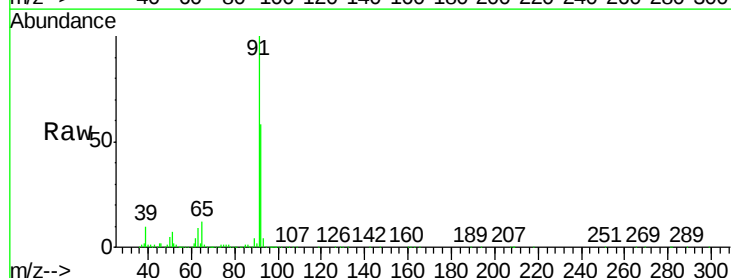
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

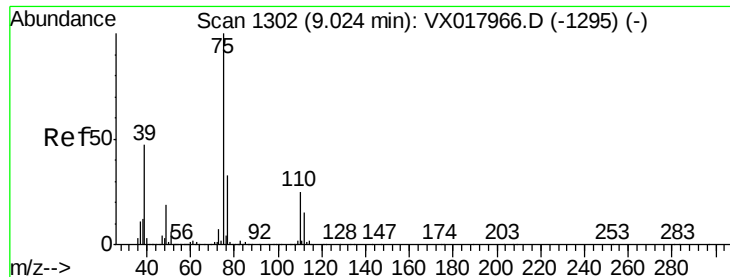
Tgt Ion: 43 Resp: 2016894
Ion Ratio Lower Upper
43 100
58 38.5 31.0 46.4



#52
Toluene
Concen: 53.415 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion: 92 Resp: 643529
Ion Ratio Lower Upper
92 100
91 173.6 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 53.432 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

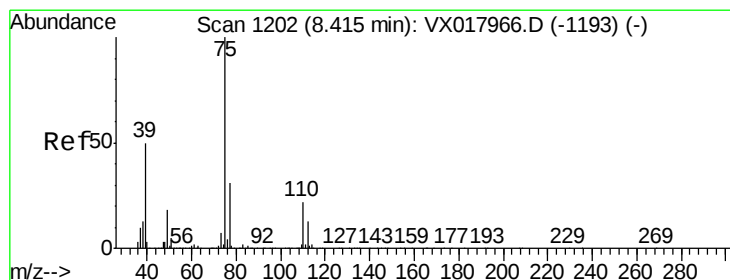
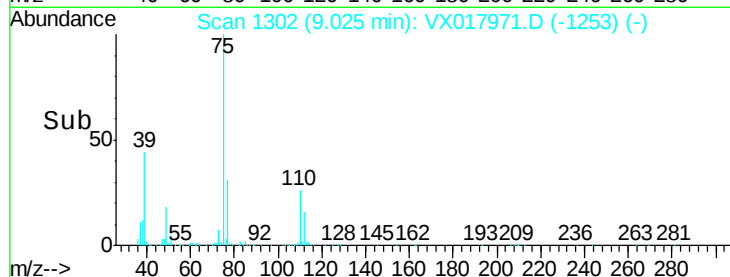
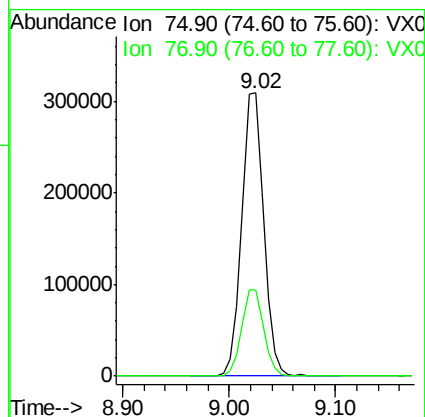
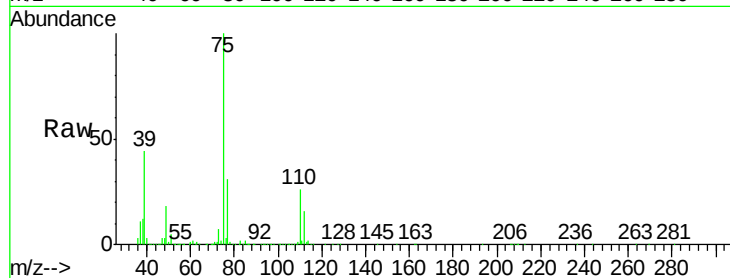
VSTDCCC050

Tgt Ion: 75 Resp: 451757

Ion Ratio Lower Upper

75 100

77 30.6 26.1 39.1



#54

cis-1,3-Dichloropropene

Concen: 54.121 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

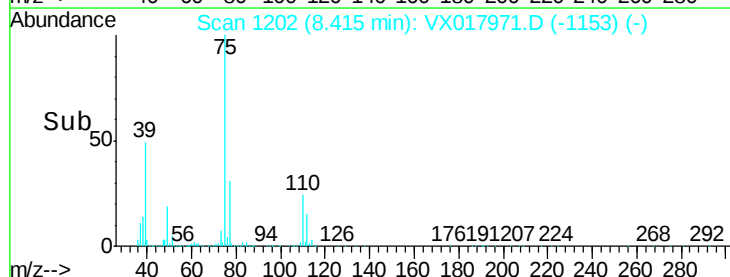
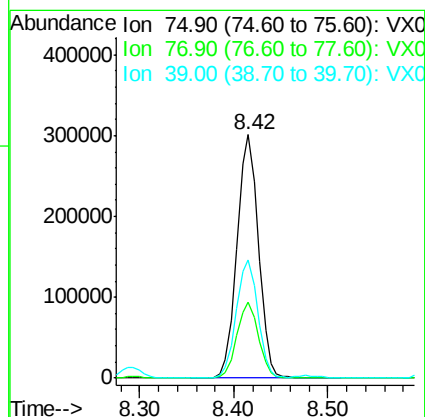
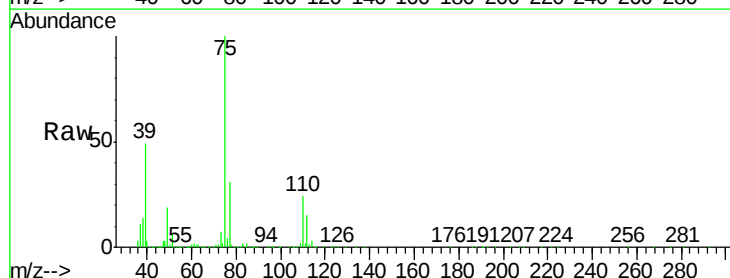
Tgt Ion: 75 Resp: 477111

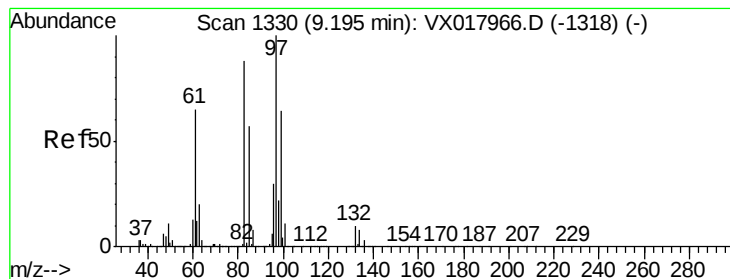
Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8

39 48.5 39.7 59.5





#55

1,1,2-Trichloroethane

Concen: 51.306 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 283967

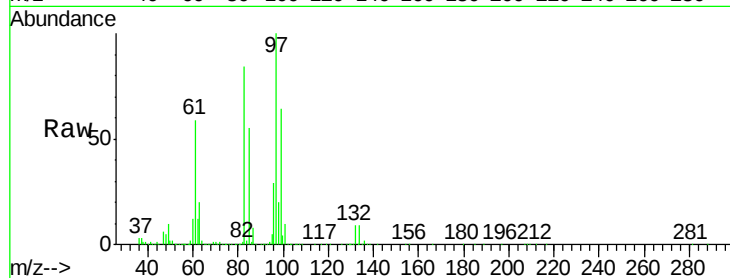
Ion Ratio Lower Upper

97 100

83 83.7 70.1 105.1

85 55.3 45.8 68.8

99 63.5 51.4 77.2

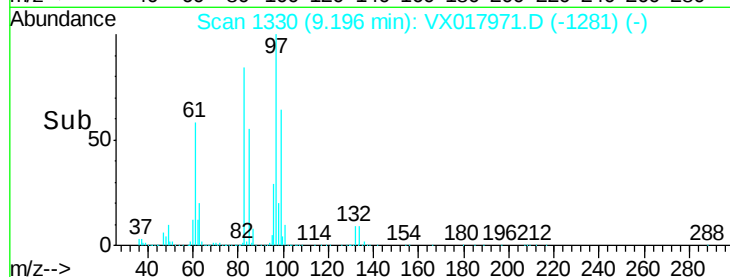


Abundance Ion 96.90 (96.60 to 97.60): VX0

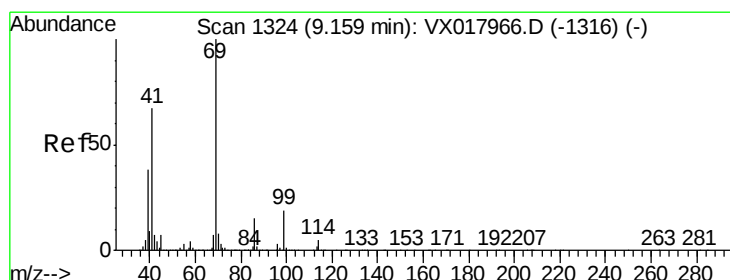
Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#56

Ethyl methacrylate

Concen: 52.326 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

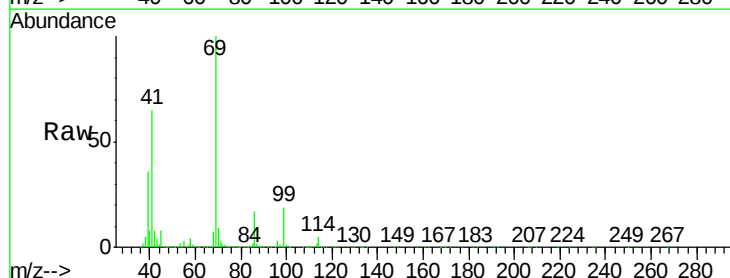
Tgt Ion: 69 Resp: 409476

Ion Ratio Lower Upper

69 100

41 66.6 52.3 78.5

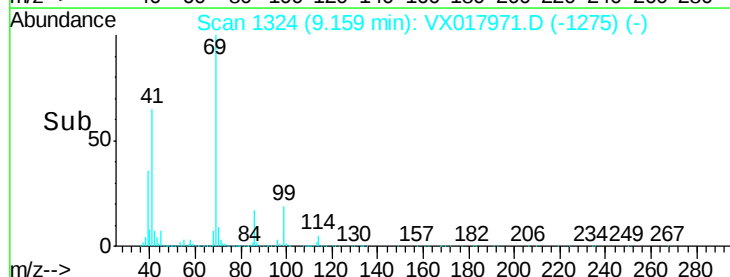
39 37.2 29.2 43.8



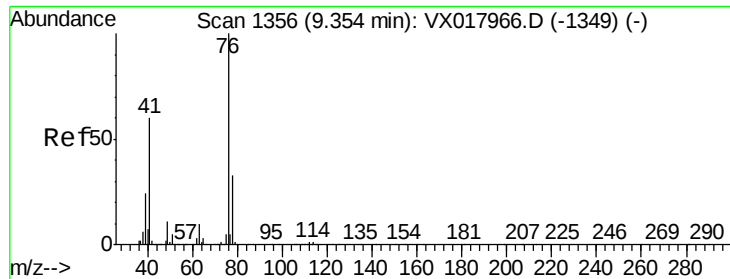
Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->



#57

1,3-Dichloropropane

Concen: 50.777 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

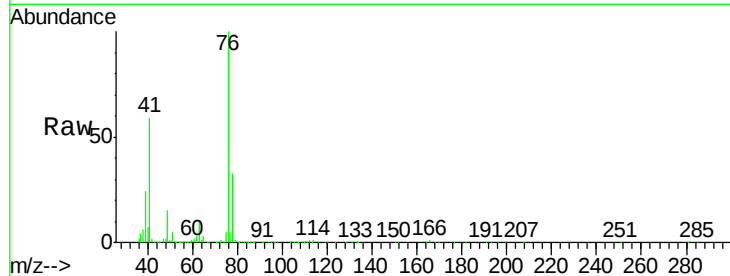
VSTDCCC050

Tgt Ion: 76 Resp: 446341

Ion Ratio Lower Upper

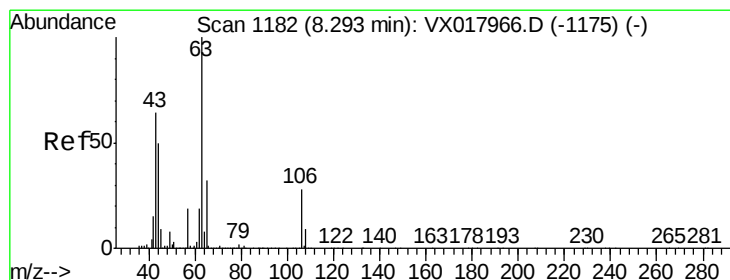
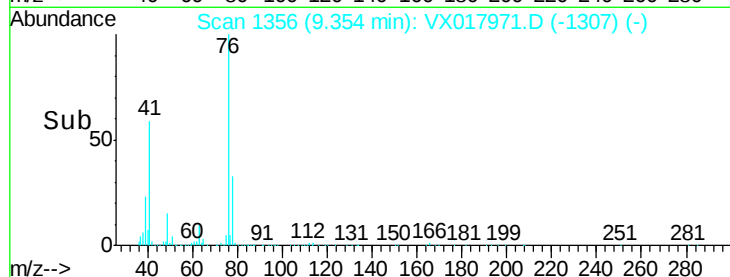
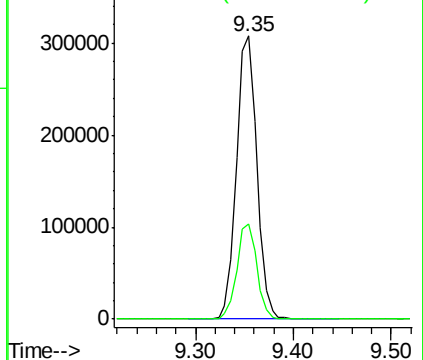
76 100

78 32.9 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 264.196 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017971.D

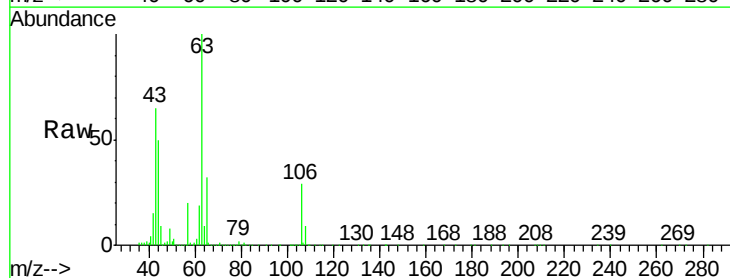
Acq: 19 Aug 2020 09:44

Tgt Ion: 63 Resp: 1001180

Ion Ratio Lower Upper

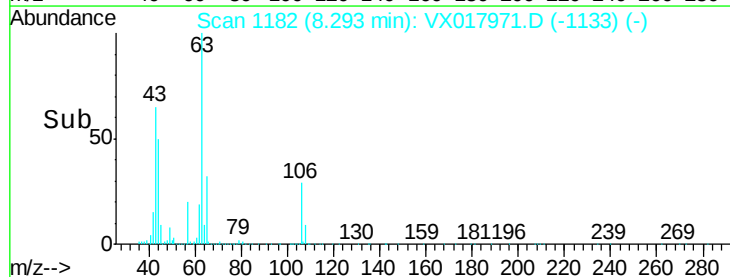
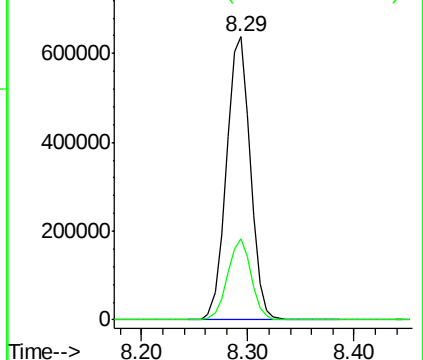
63 100

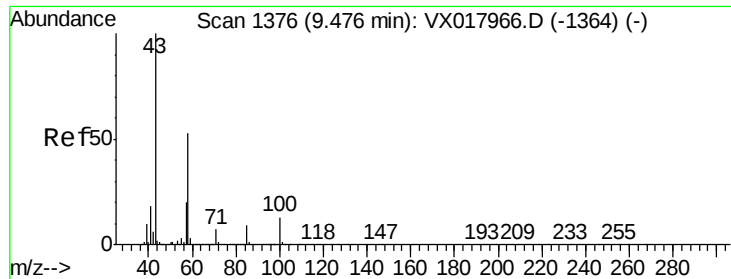
106 28.4 23.0 34.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

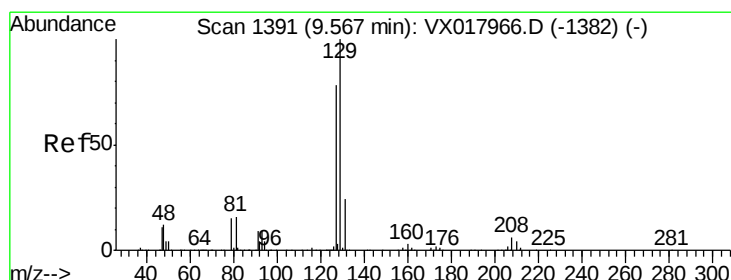
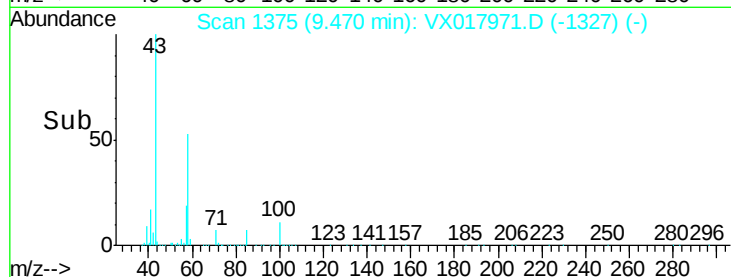
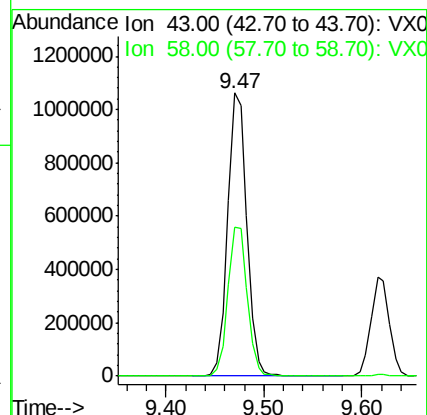
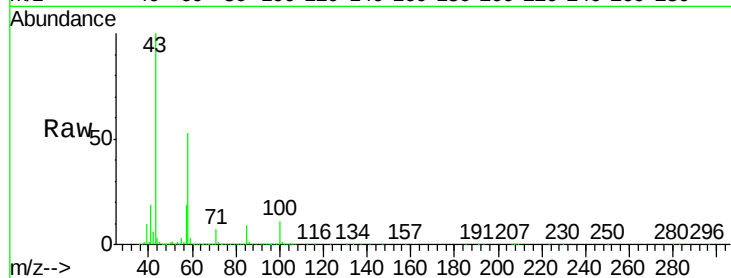




#59
2-Hexanone
Concen: 239.751 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

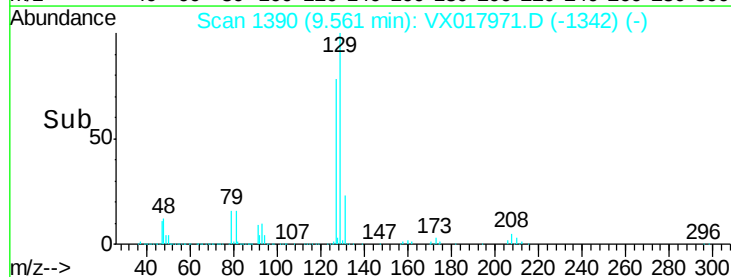
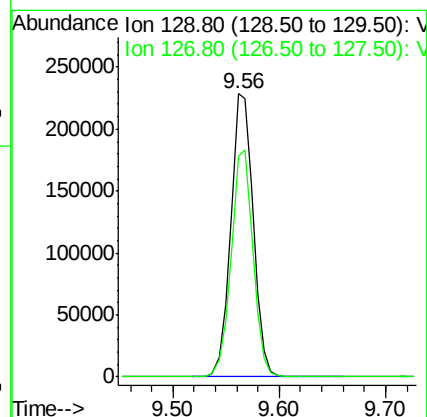
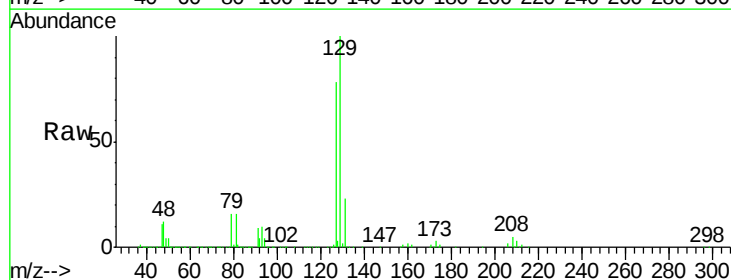
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

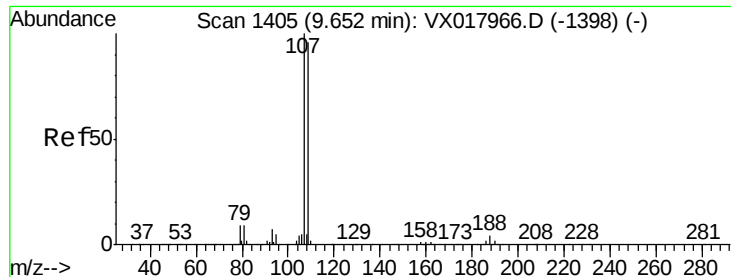
Tgt Ion: 43 Resp: 1444422
Ion Ratio Lower Upper
43 100
58 53.5 26.4 79.0



#60
Dibromochloromethane
Concen: 48.906 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion: 129 Resp: 338068
Ion Ratio Lower Upper
129 100
127 78.1 39.5 118.3





#61

1,2-Dibromoethane

Concen: 45.828 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

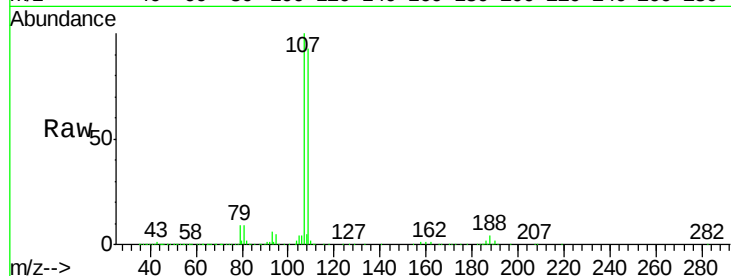
VSTDCCC050

Tgt Ion: 107 Resp: 280959

Ion Ratio Lower Upper

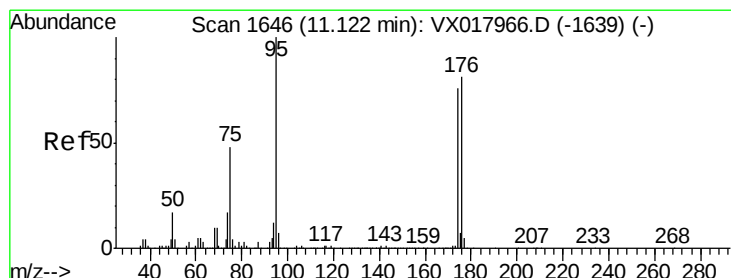
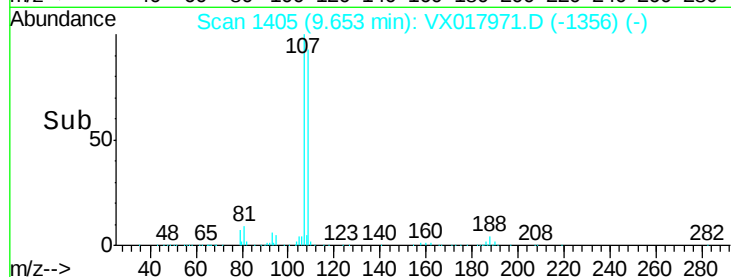
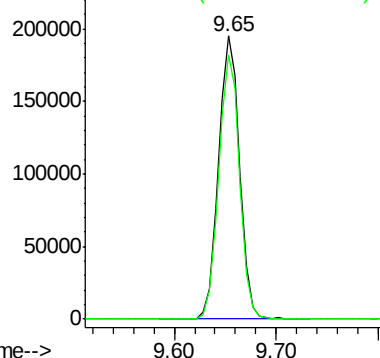
107 100

109 92.5 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 57.253 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

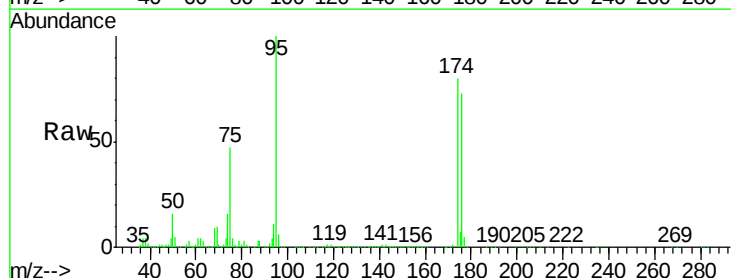
Tgt Ion: 95 Resp: 406590

Ion Ratio Lower Upper

95 100

174 81.0 0.0 166.0

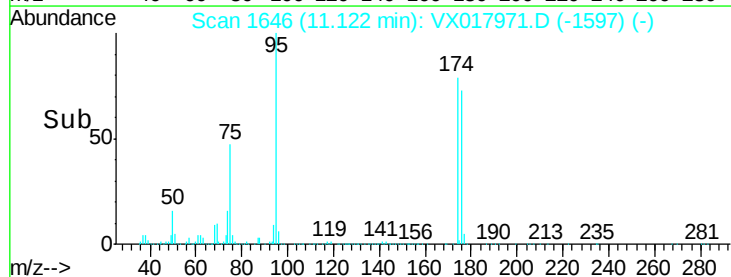
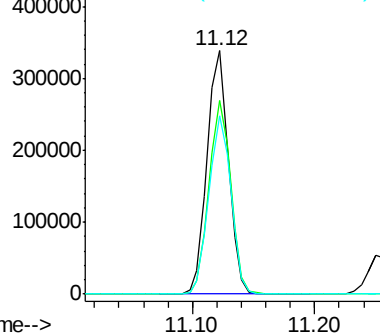
176 76.0 0.0 161.0

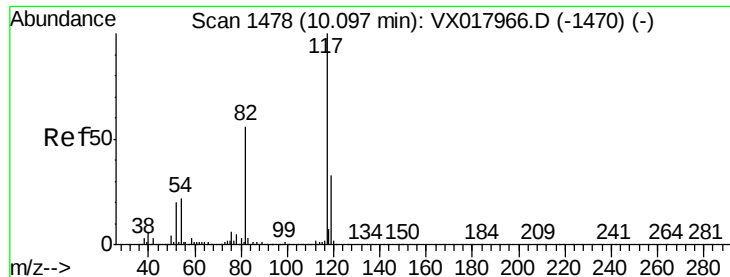


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

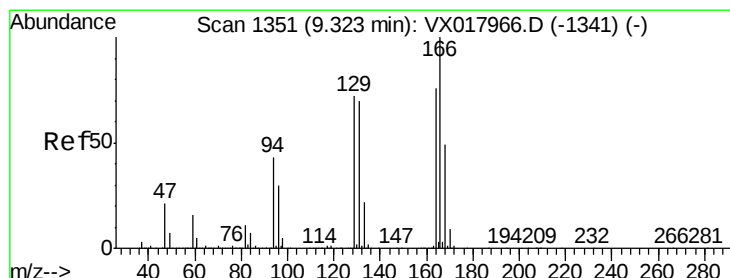
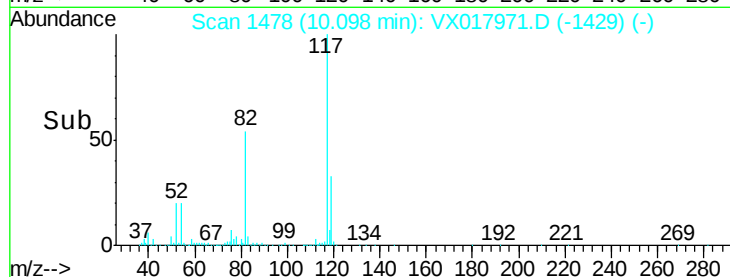
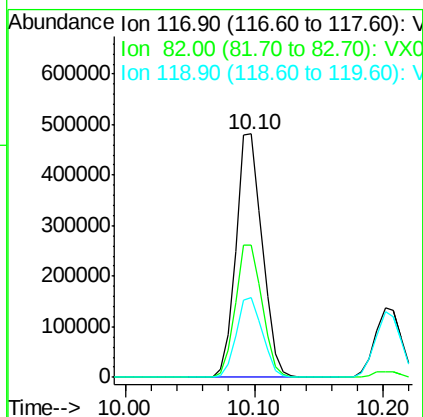
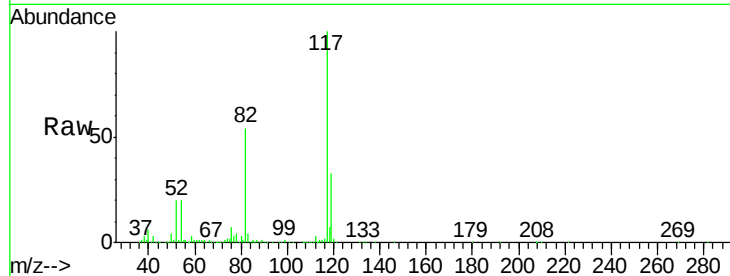




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

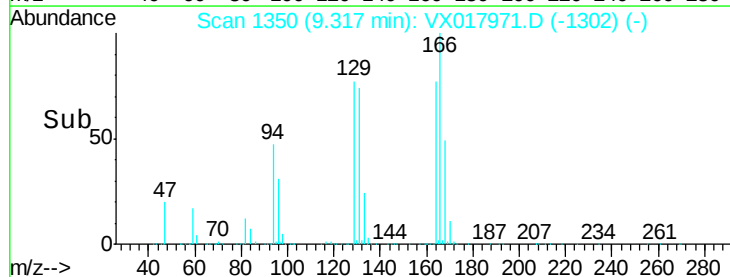
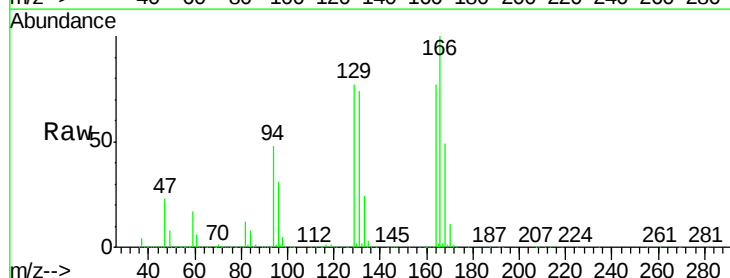
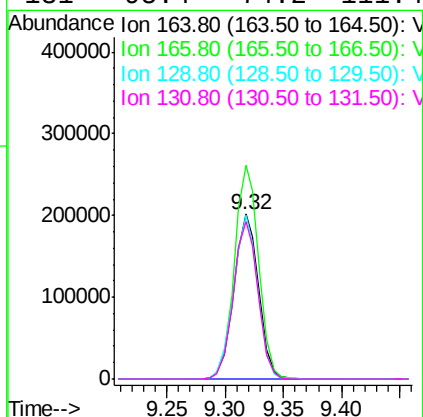
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

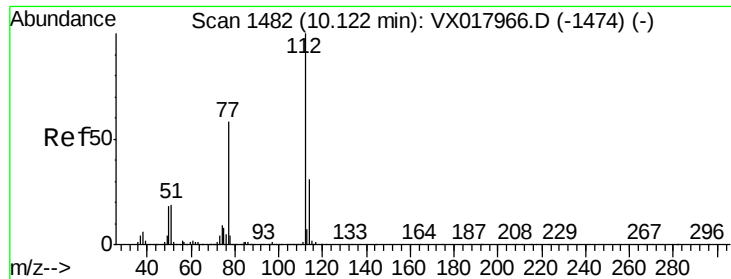
Tgt Ion:117 Resp: 684065
Ion Ratio Lower Upper
117 100
82 54.1 44.6 66.8
119 32.9 26.2 39.4



#64
Tetrachloroethene
Concen: 56.851 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion:164 Resp: 296992
Ion Ratio Lower Upper
164 100
166 129.6 105.7 158.5
129 99.5 75.8 113.8
131 95.4 74.2 111.4

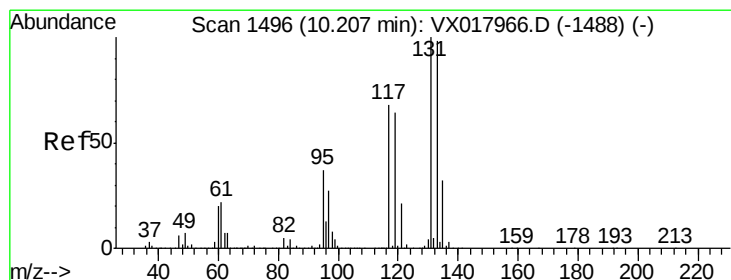
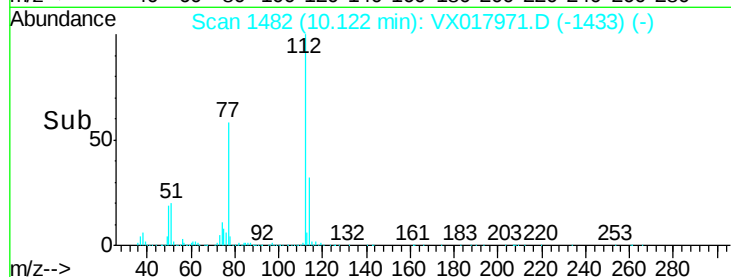
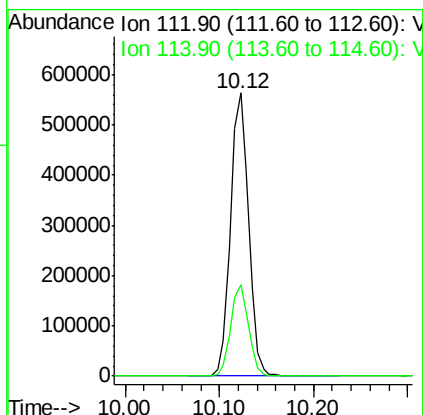
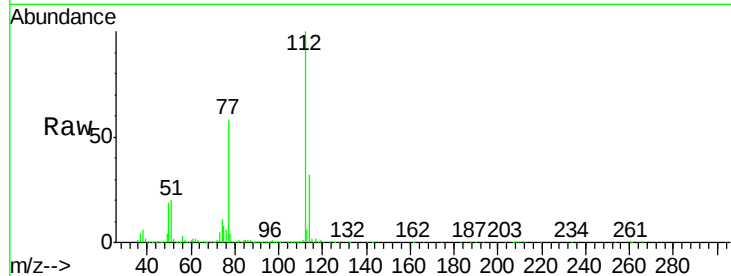




#65
Chlorobenzene
Concen: 55.300 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

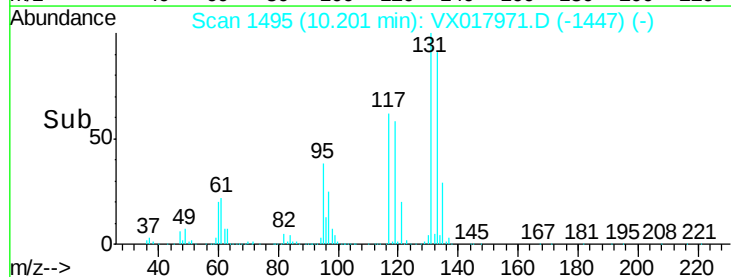
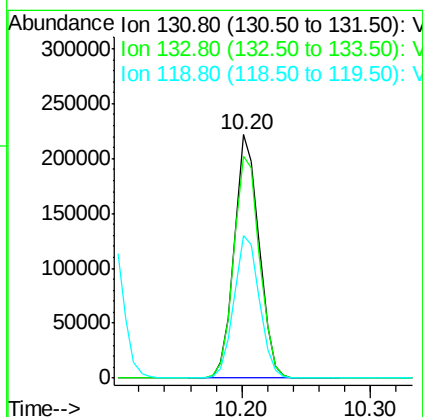
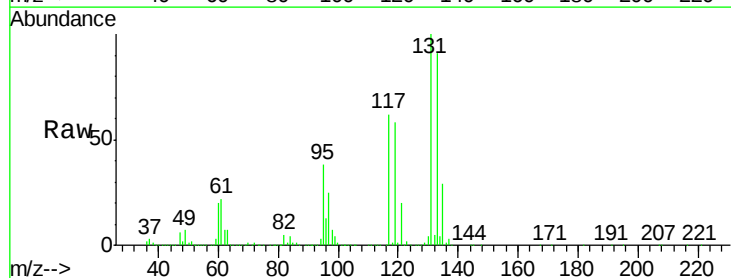
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

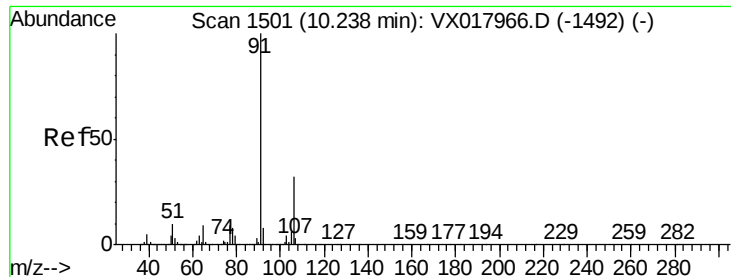
Tgt Ion:112 Resp: 750892
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.980 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion:131 Resp: 298569
Ion Ratio Lower Upper
131 100
133 95.0 48.4 145.3
119 60.0 31.6 94.8

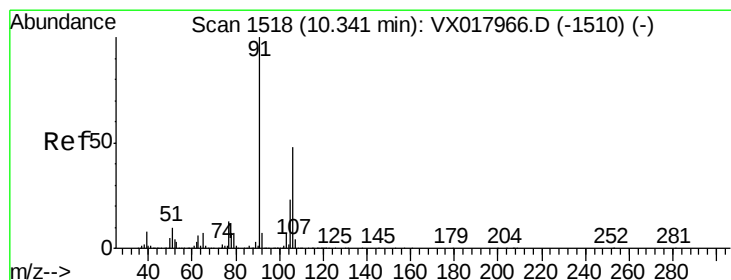
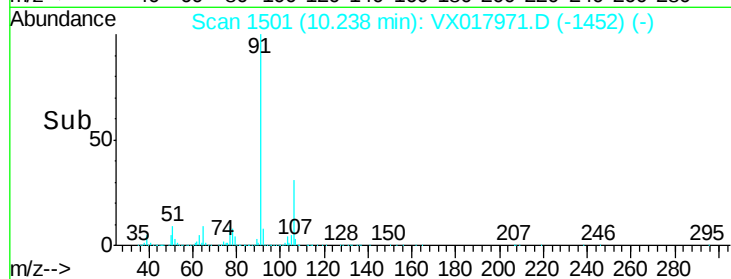
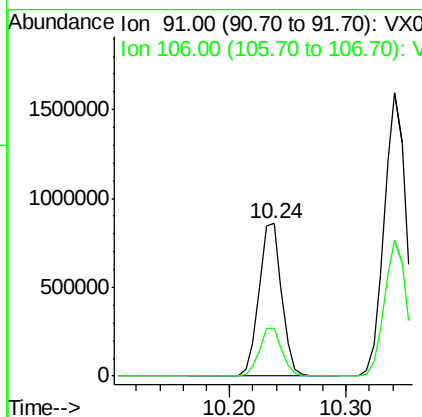
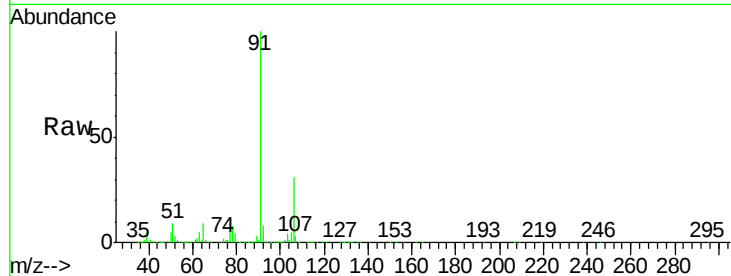




#67
Ethyl Benzene
Concen: 52.394 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

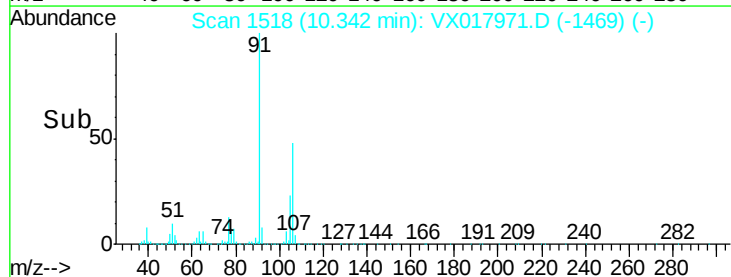
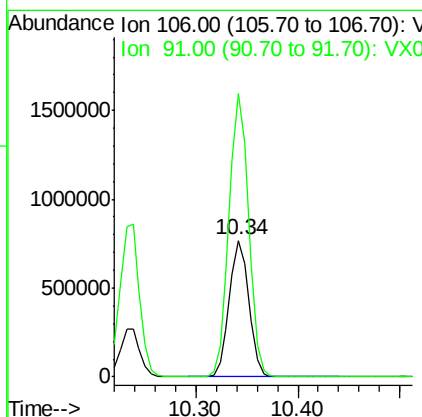
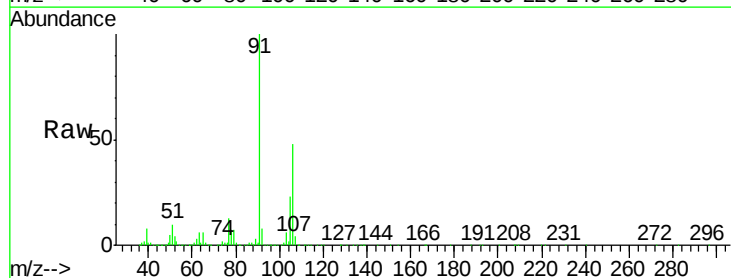
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

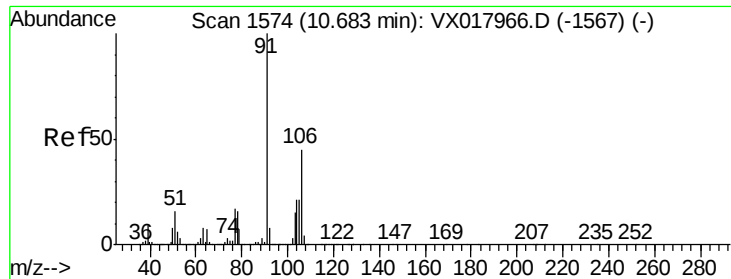
Tgt Ion: 91 Resp: 1172828
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0



#68
m/p-Xylenes
Concen: 118.070 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion: 106 Resp: 1017499
Ion Ratio Lower Upper
106 100
91 207.5 167.4 251.2

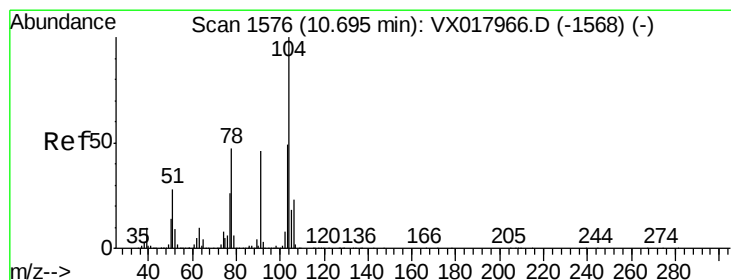
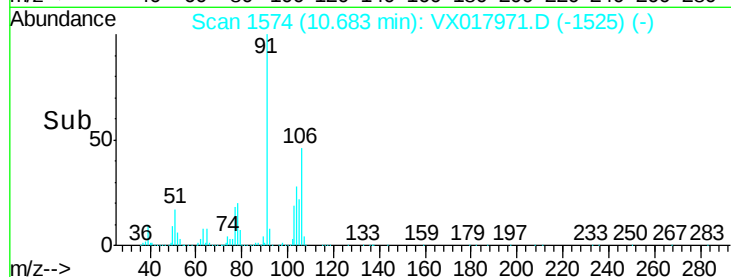
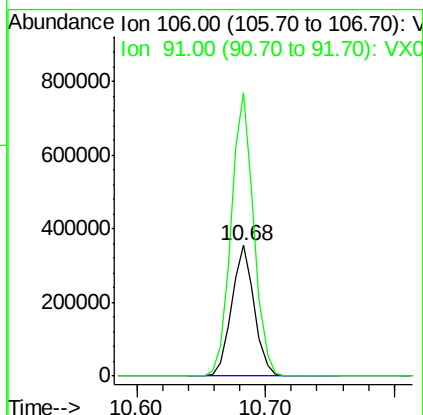
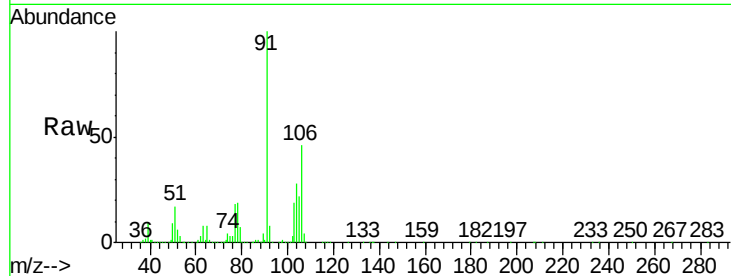




#69
o-Xylene
Concen: 52.351 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

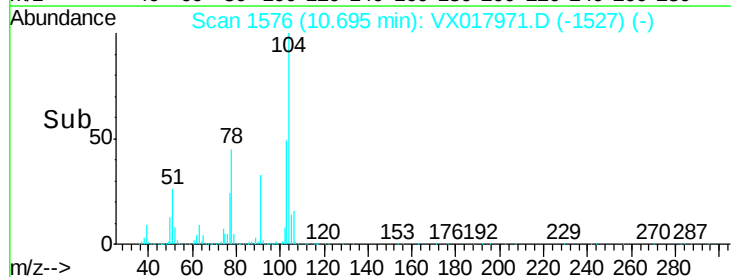
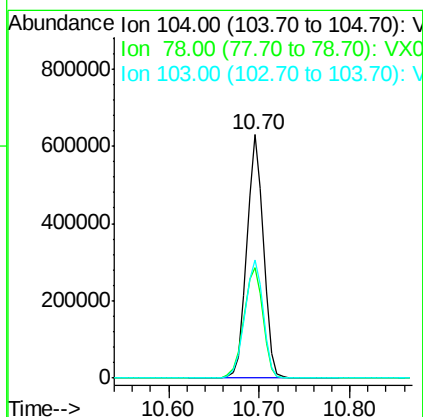
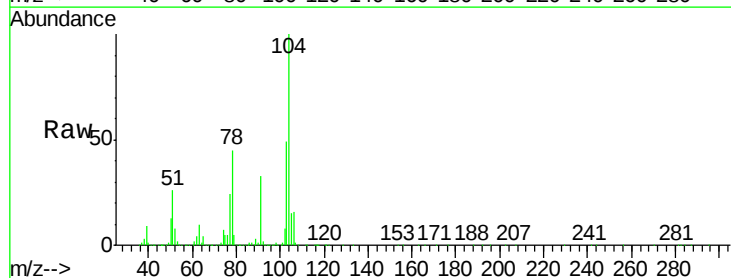
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

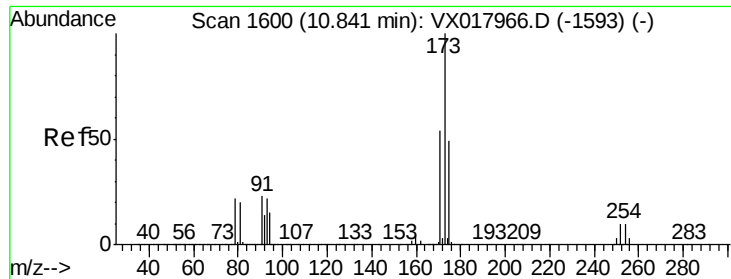
Tgt Ion:106 Resp: 435051
Ion Ratio Lower Upper
106 100
91 216.1 108.1 324.2



#70
Styrene
Concen: 55.823 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion:104 Resp: 800331
Ion Ratio Lower Upper
104 100
78 51.9 41.3 61.9
103 54.0 42.9 64.3





#71

Bromoform

Concen: 50.805 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

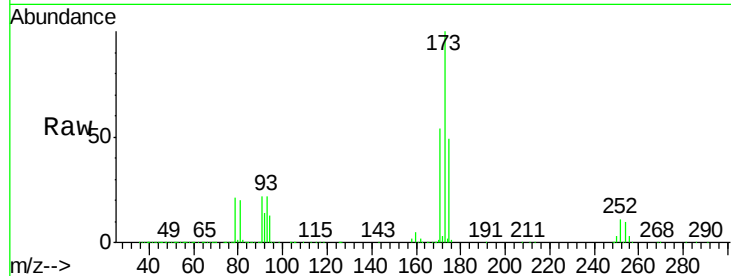
Tgt Ion:173 Resp: 261919

Ion Ratio Lower Upper

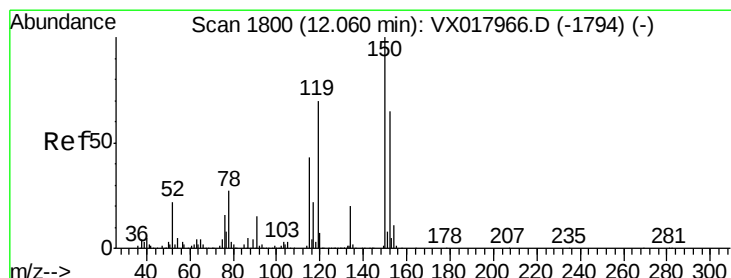
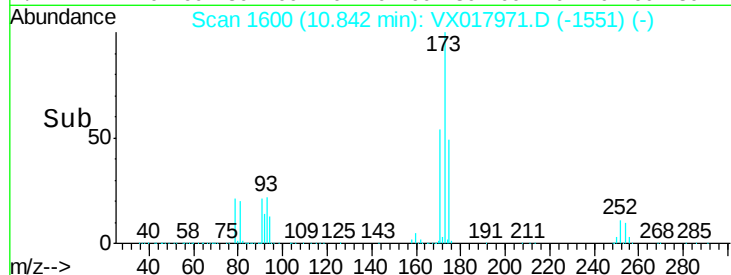
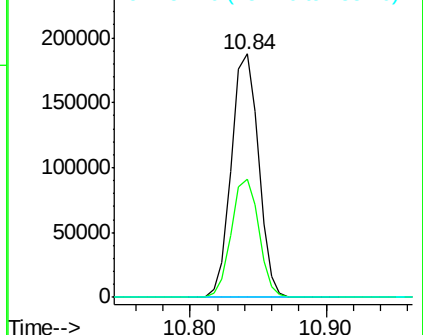
173 100

175 49.2 24.4 73.2

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

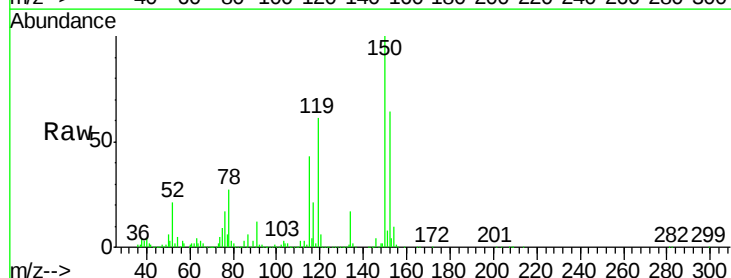
Tgt Ion:152 Resp: 410505

Ion Ratio Lower Upper

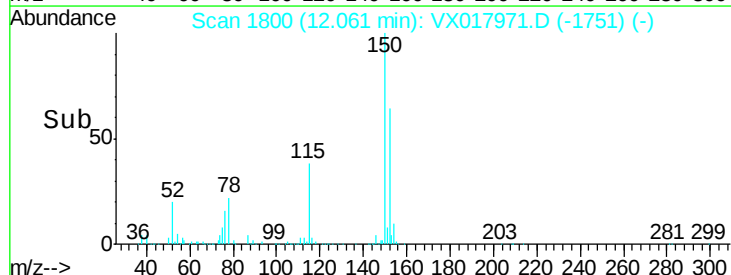
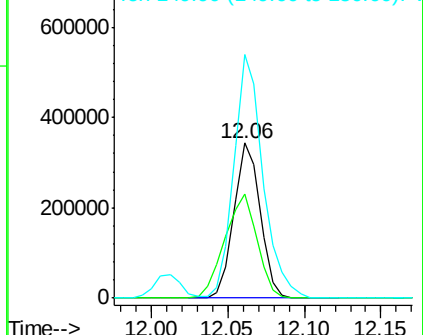
152 100

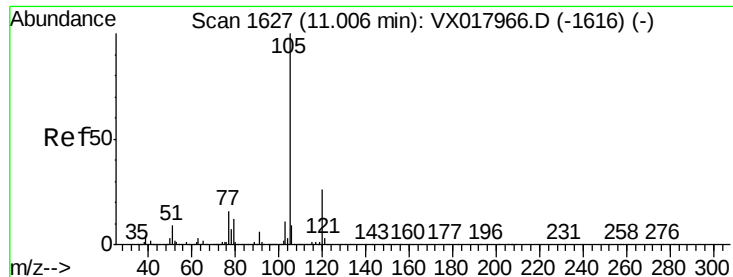
115 82.0 40.6 121.7

150 173.3 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.234 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

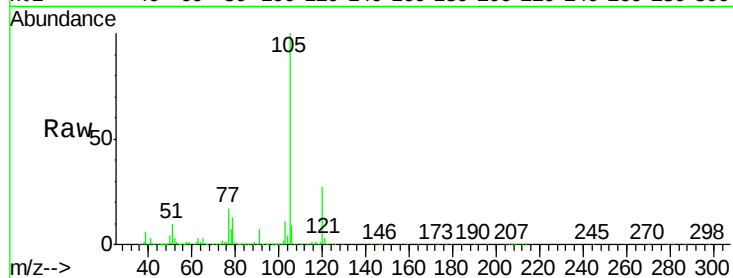
VSTDCCC050

Tgt Ion:105 Resp: 1248030

Ion Ratio Lower Upper

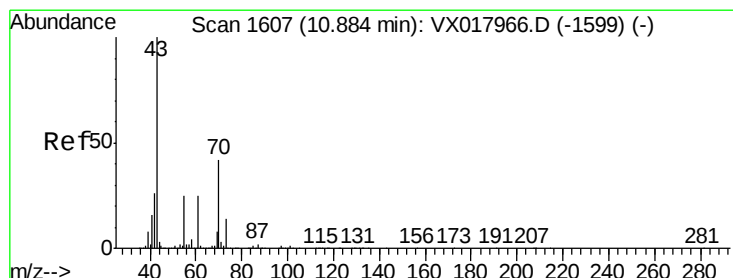
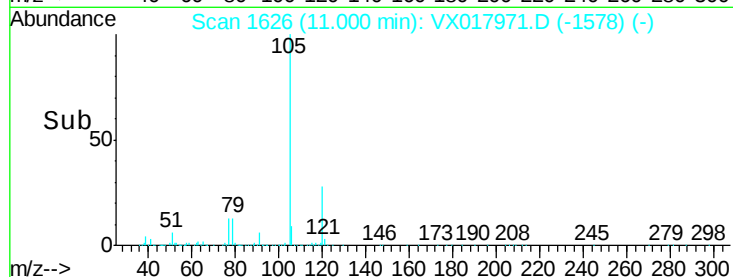
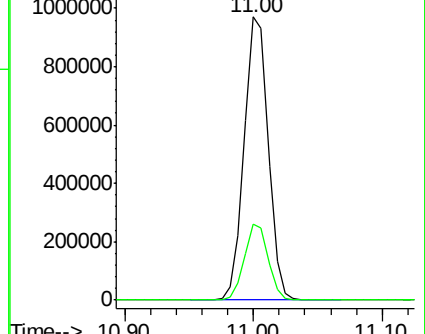
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.002 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Tgt Ion: 43 Resp: 564141

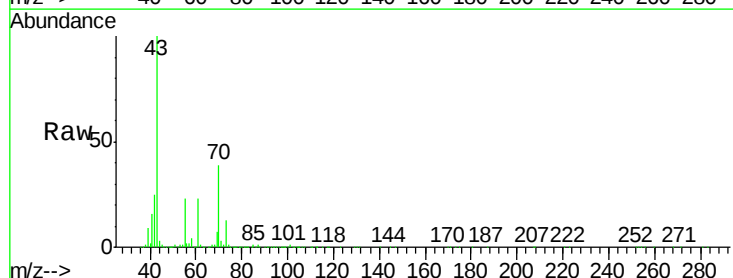
Ion Ratio Lower Upper

43 100

70 40.5 32.9 49.3

55 23.8 19.3 28.9

61 23.4 19.6 29.4

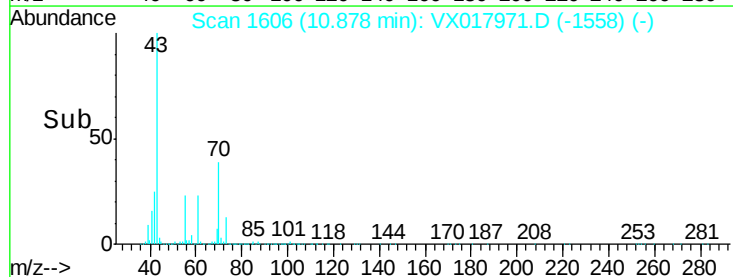
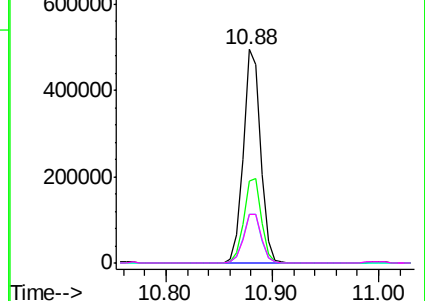


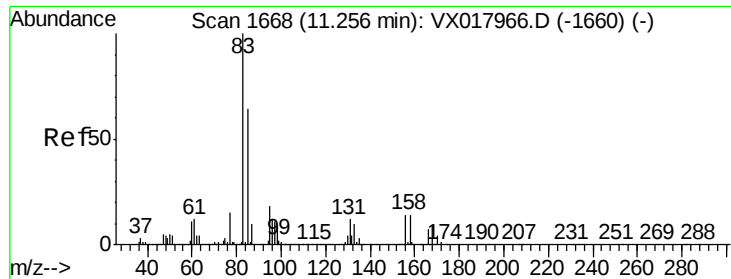
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.172 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

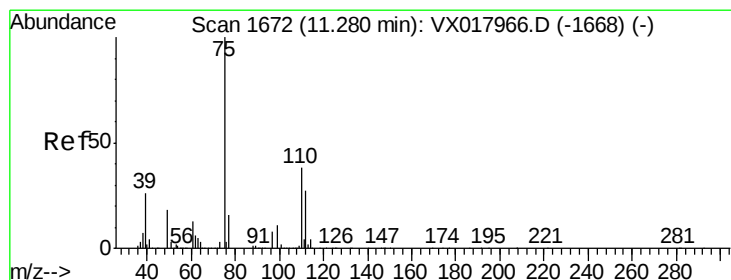
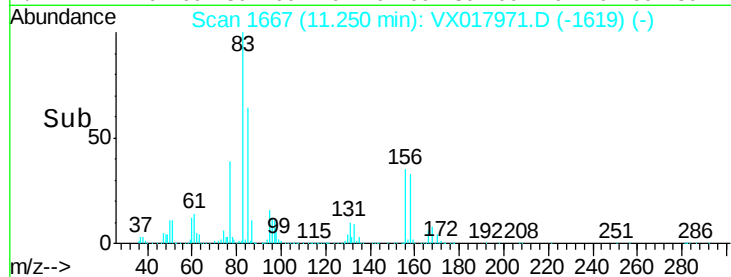
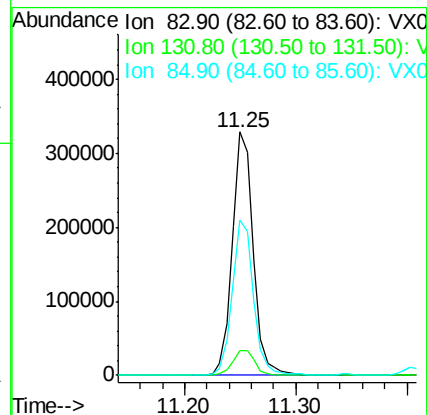
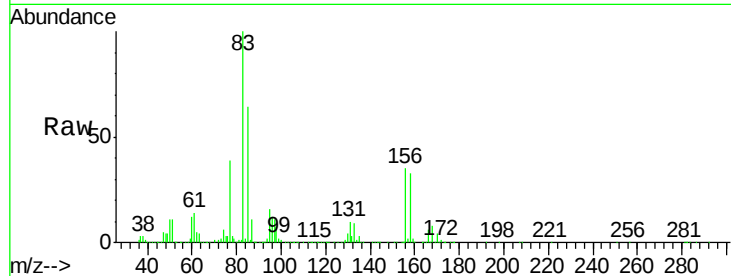
Tgt Ion: 83 Resp: 425586

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.0

85 64.7 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 63.098 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017971.D

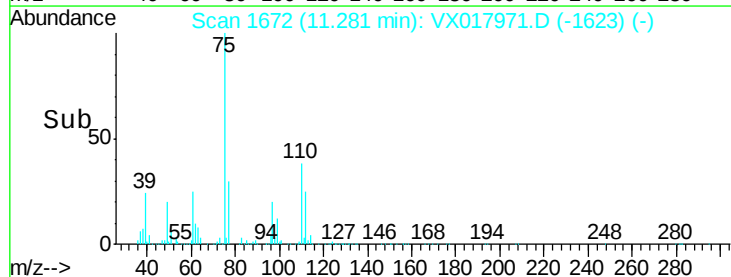
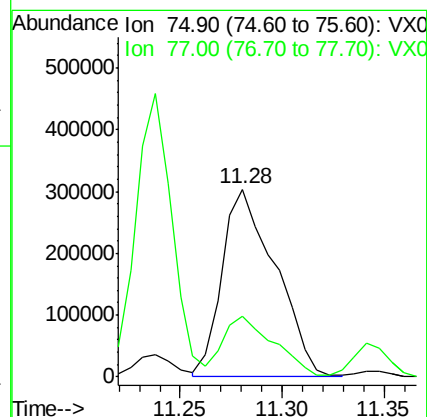
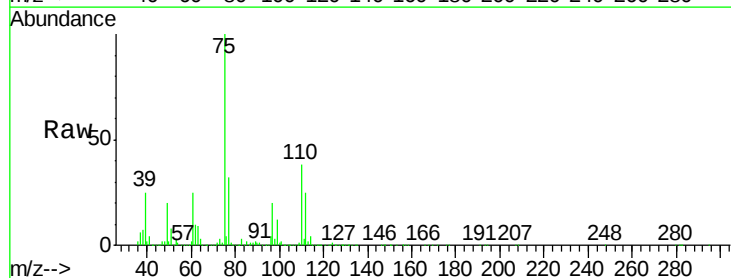
Acq: 19 Aug 2020 09:44

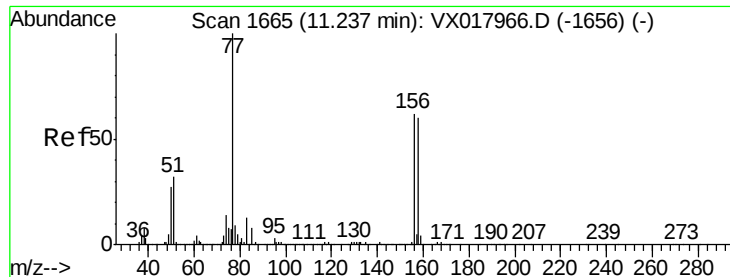
Tgt Ion: 75 Resp: 550844

Ion Ratio Lower Upper

75 100

77 30.8 21.1 63.1





#77

Bromobenzene

Concen: 51.626 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

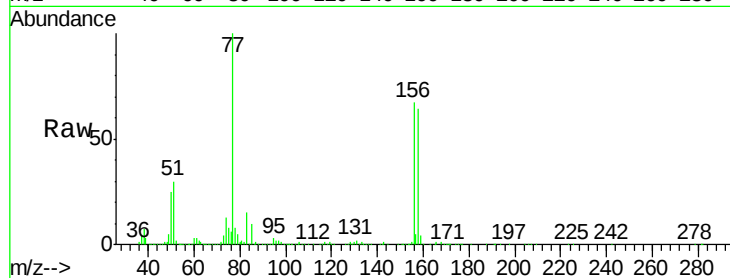
Tgt Ion:156 Resp: 378452

Ion Ratio Lower Upper

156 100

77 150.3 78.0 234.0

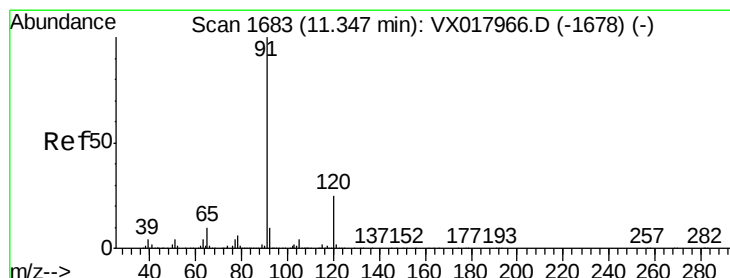
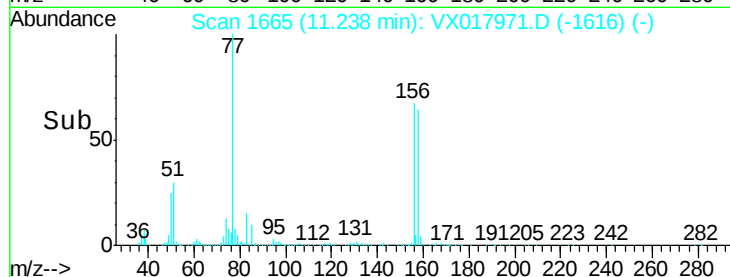
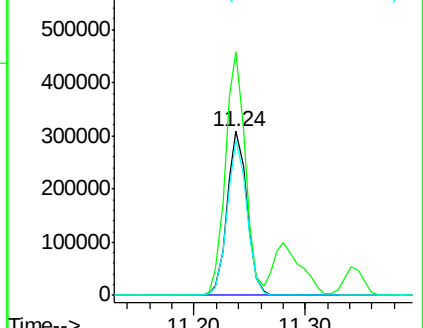
158 94.5 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.714 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX017971.D

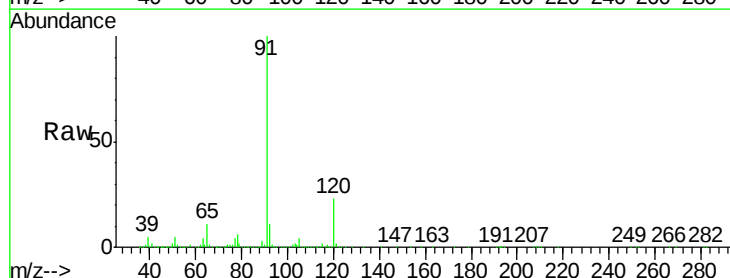
Acq: 19 Aug 2020 09:44

Tgt Ion: 91 Resp: 1598171

Ion Ratio Lower Upper

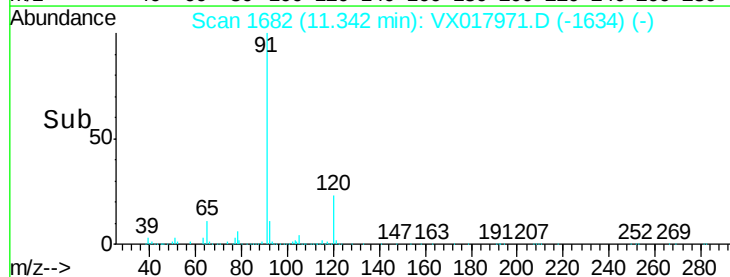
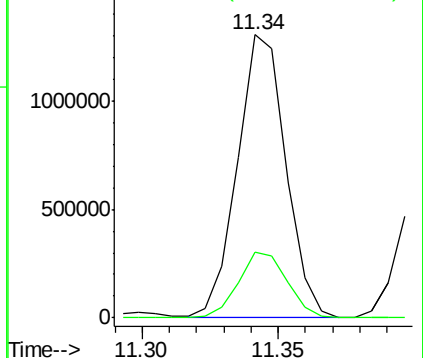
91 100

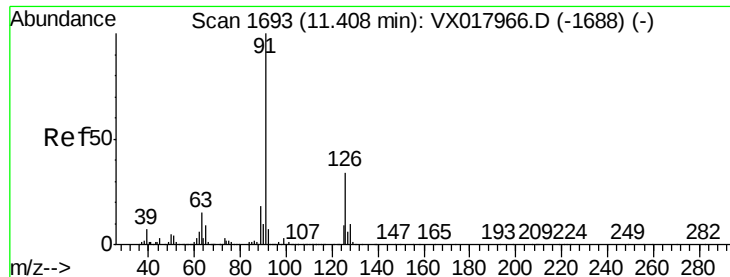
120 23.6 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.644 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

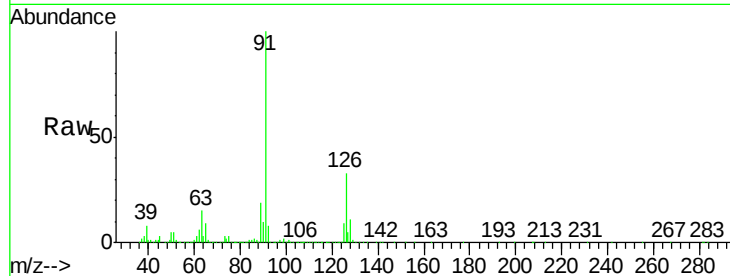
VSTDCCC050

Tgt Ion: 91 Resp: 934967

Ion Ratio Lower Upper

91 100

126 34.0 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VX017966.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX017966.D (-1688) (-)

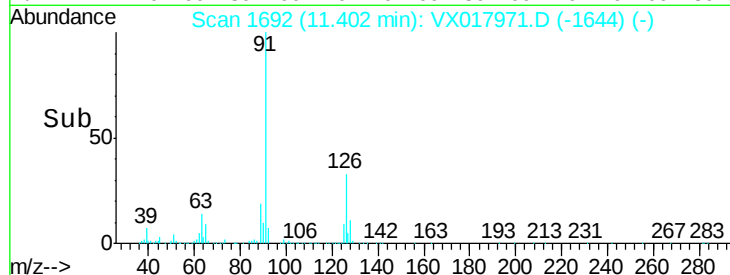
1500000

1000000

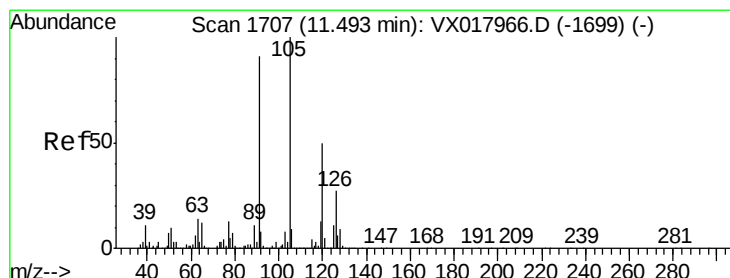
500000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.390 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017971.D

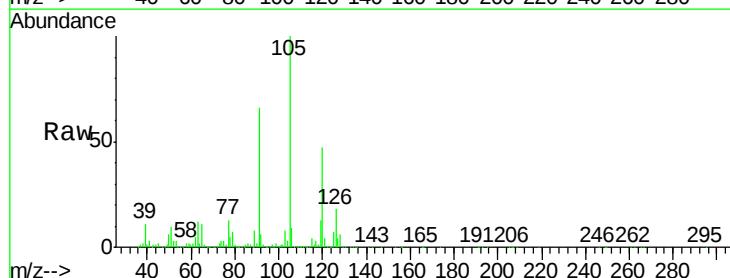
Acq: 19 Aug 2020 09:44

Tgt Ion: 105 Resp: 1168705

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX017966.D (-1699) (-)

Ion 120.00 (119.70 to 120.70): VX017966.D (-1699) (-)

1000000

800000

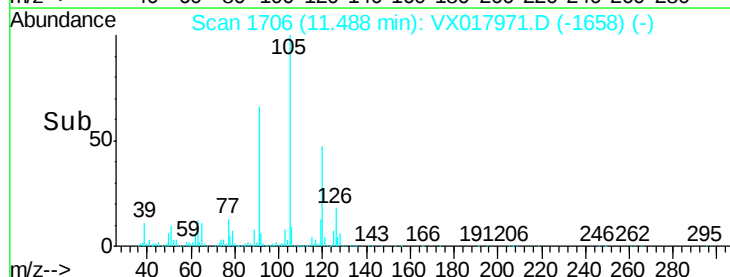
600000

400000

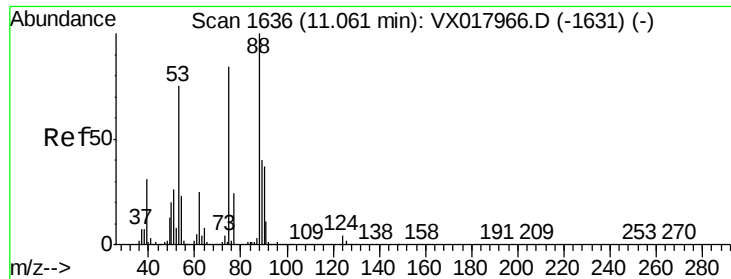
200000

0

11.45 11.50 11.55



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 45.278 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

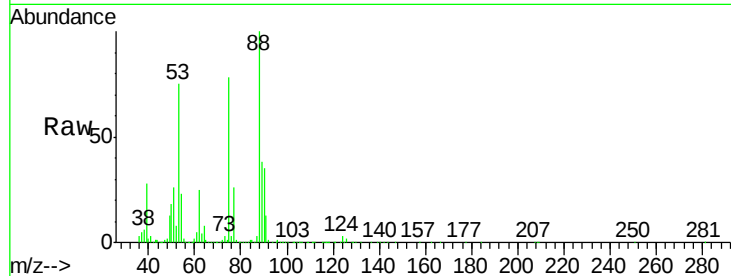
Tgt Ion: 75 Resp: 150462

Ion Ratio Lower Upper

75 100

53 97.9 75.2 112.8

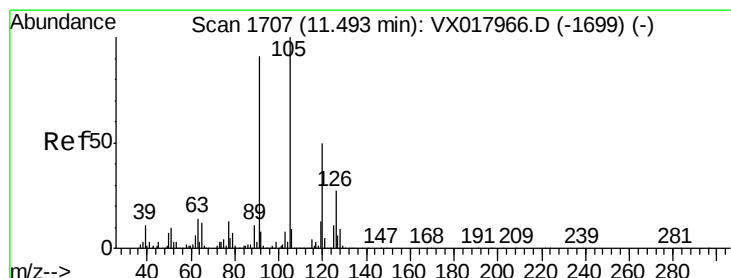
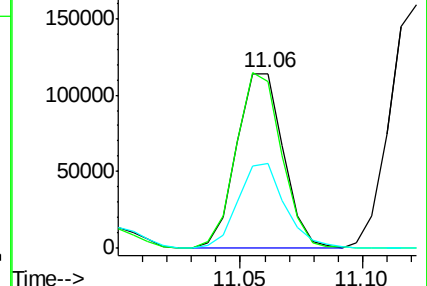
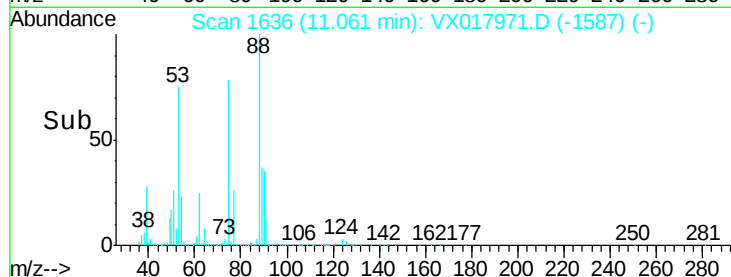
89 50.1 38.4 57.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.070 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017971.D

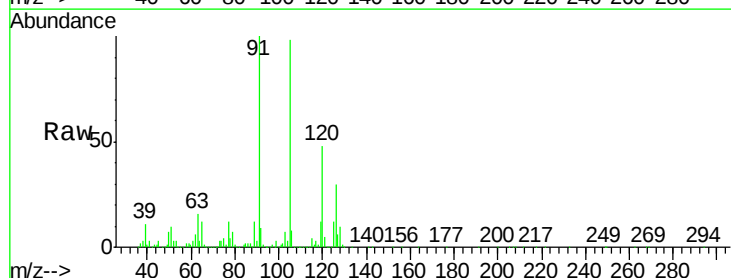
Acq: 19 Aug 2020 09:44

Tgt Ion: 91 Resp: 1108945

Ion Ratio Lower Upper

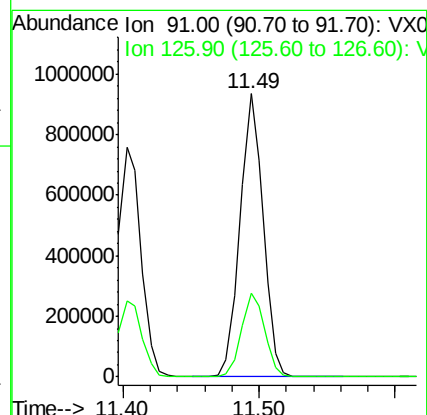
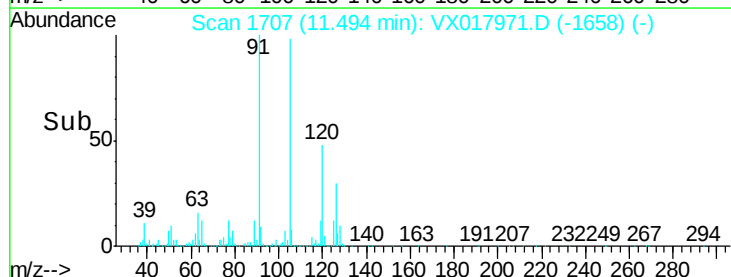
91 100

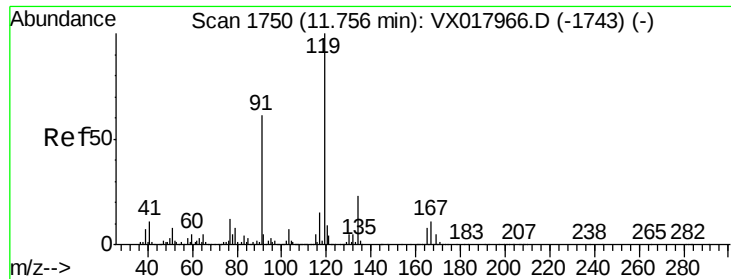
126 30.0 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

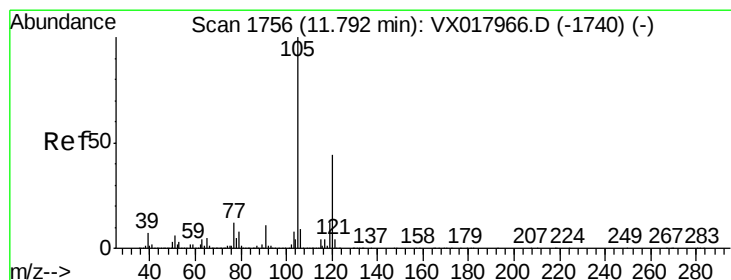
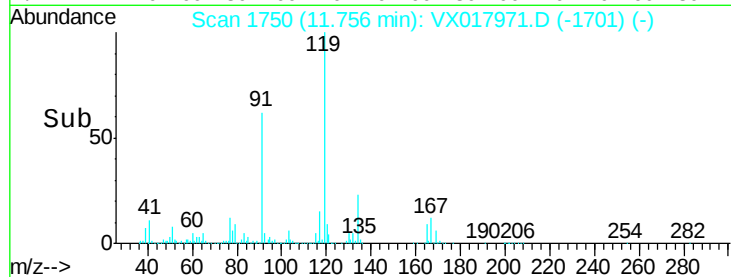
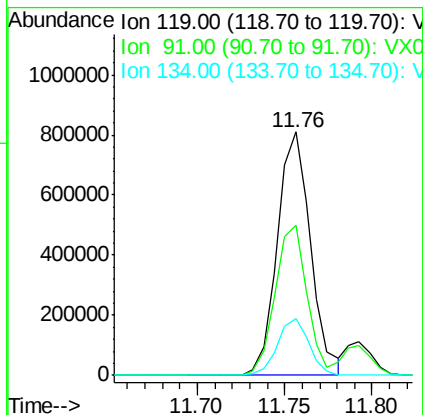
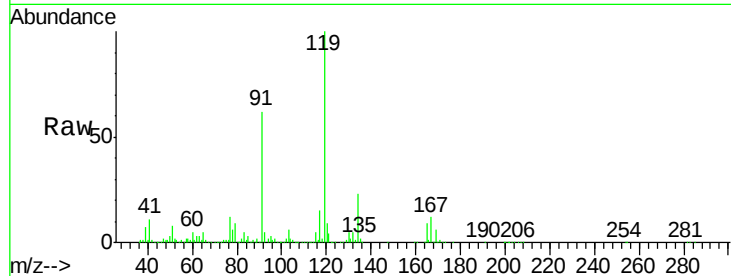




#83
tert-Butylbenzene
Concen: 48.940 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

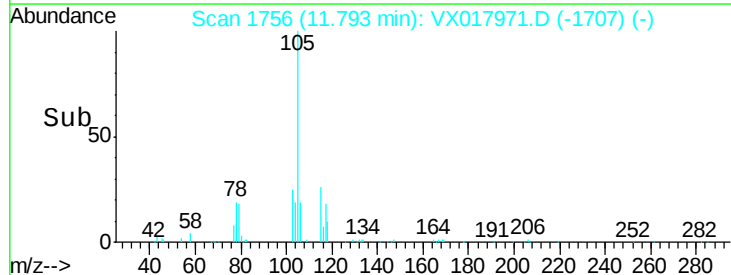
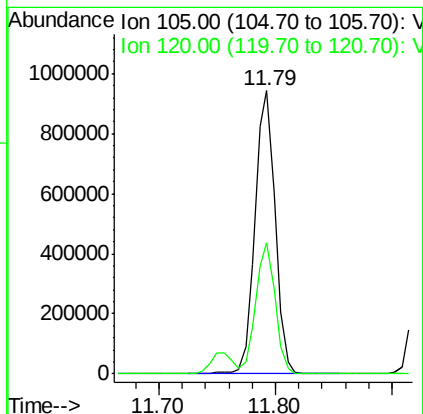
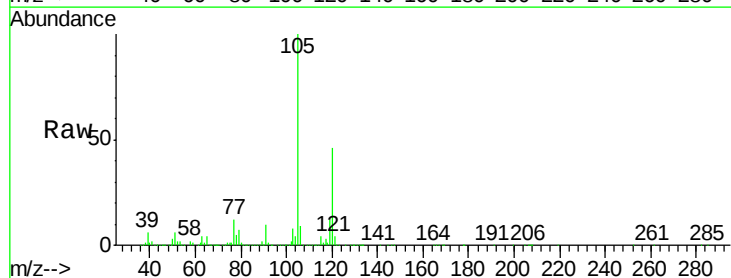
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

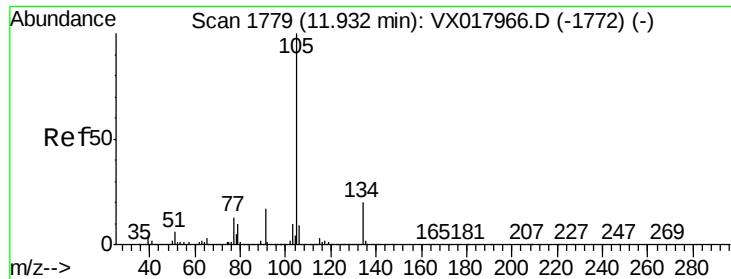
Tgt Ion:119 Resp: 1071918
Ion Ratio Lower Upper
119 100
91 58.9 30.1 90.5
134 22.0 11.1 33.1



#84
1,2,4-Trimethylbenzene
Concen: 47.455 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion:105 Resp: 1139437
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.1

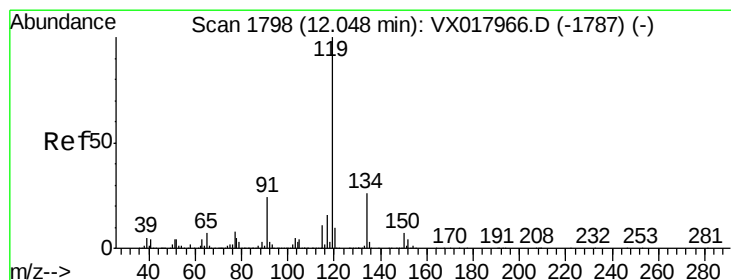
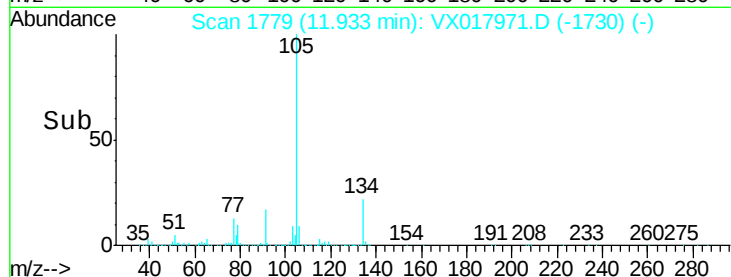
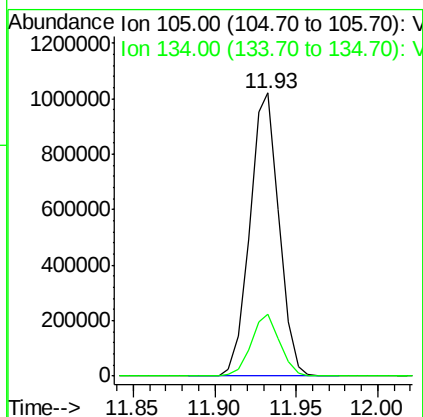
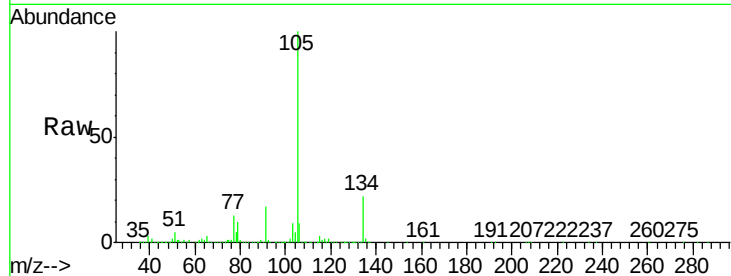




#85
 sec-Butylbenzene
 Concen: 48.082 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017971.D
 Acq: 19 Aug 2020 09:44

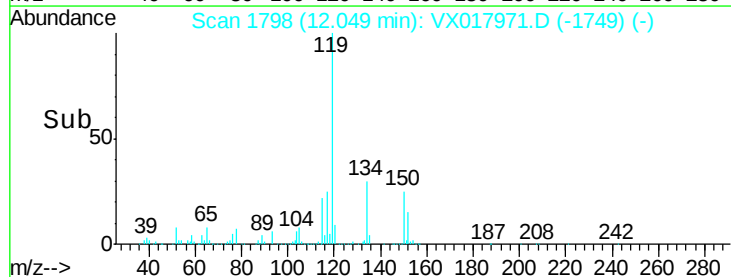
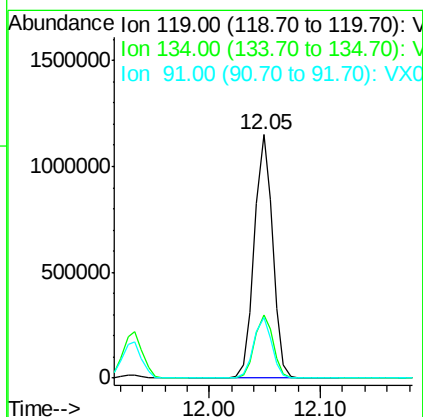
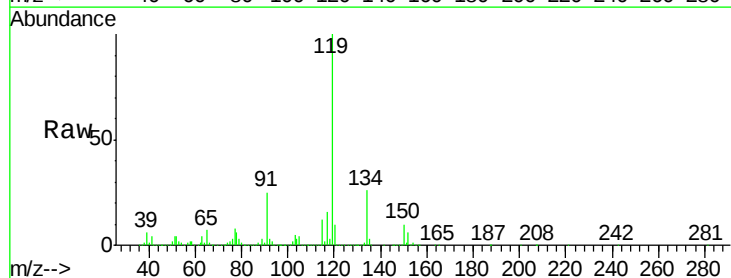
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

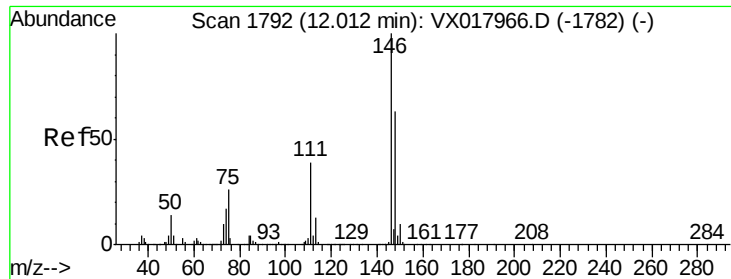
Tgt Ion:105 Resp: 1271292
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 53.754 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017971.D
 Acq: 19 Aug 2020 09:44

Tgt Ion:119 Resp: 1322095
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.7 38.0
 91 24.5 12.2 36.4

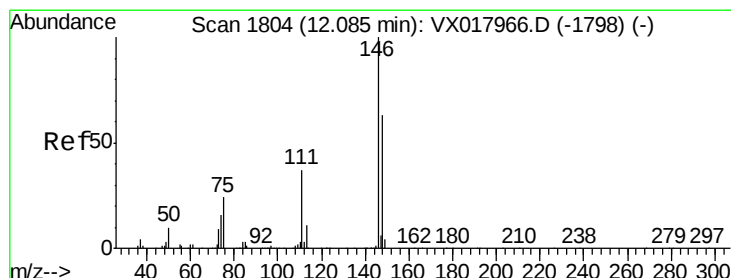
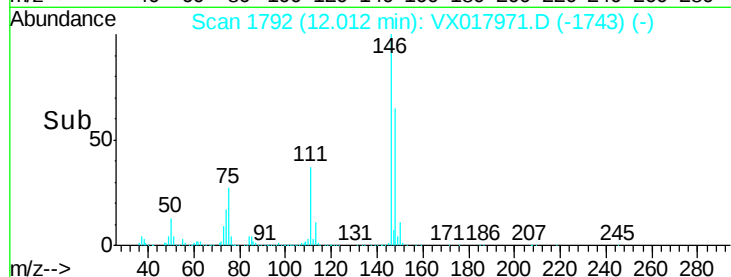
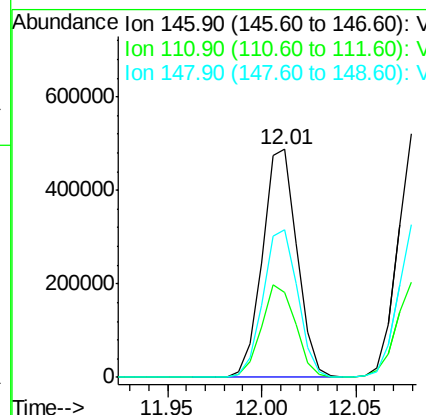
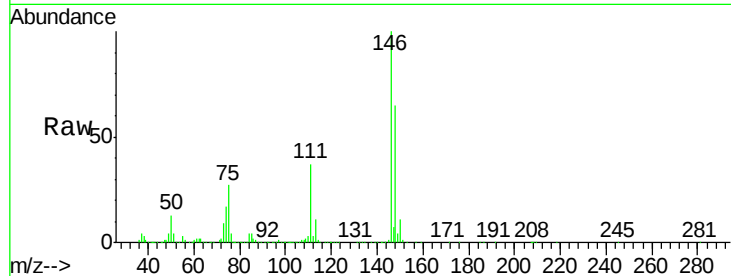




#87
 1,3-Dichlorobenzene
 Concen: 46.463 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017971.D
 Acq: 19 Aug 2020 09:44

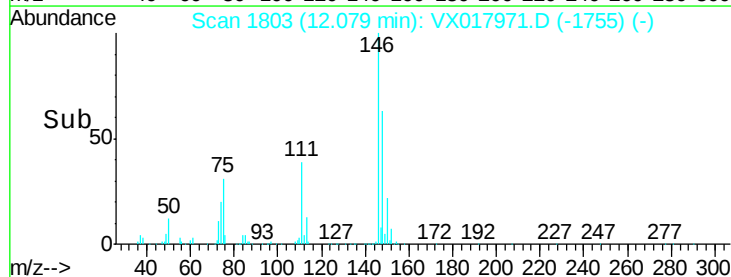
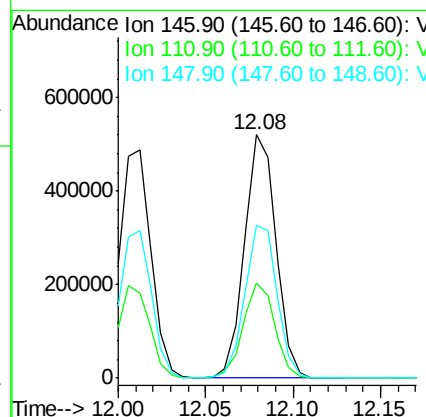
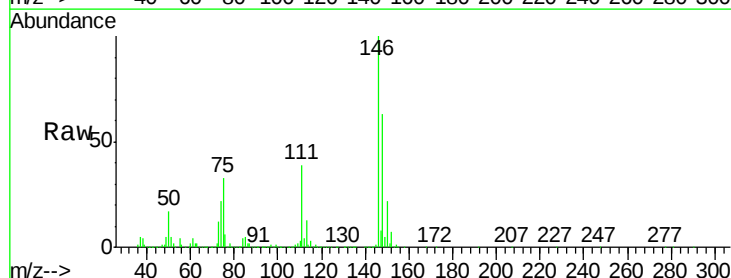
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

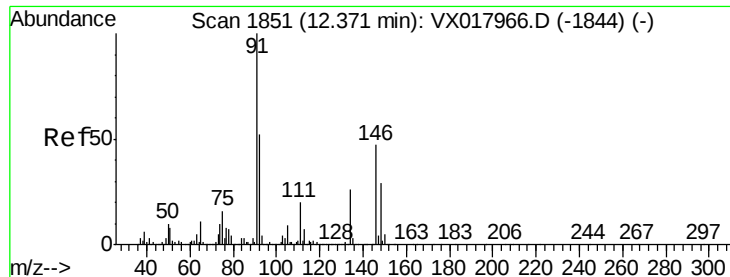
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.1	60.3
148	64.9	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 49.717 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX017971.D
 Acq: 19 Aug 2020 09:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.1
148	64.3	31.9	95.7

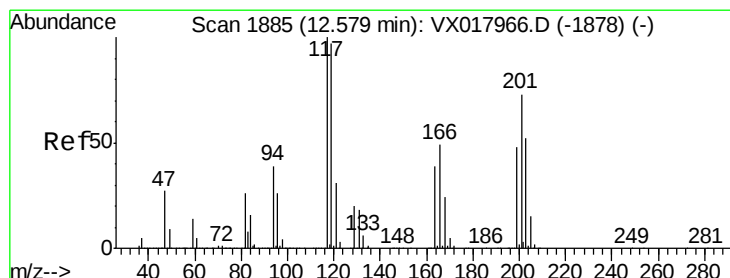
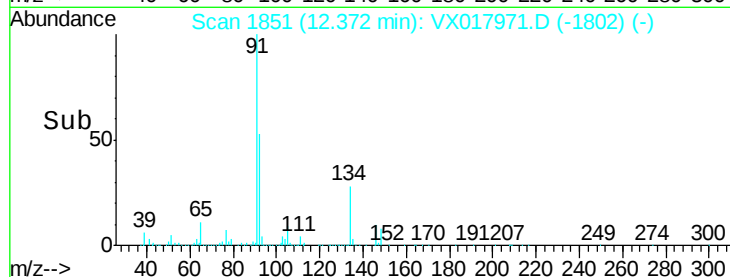
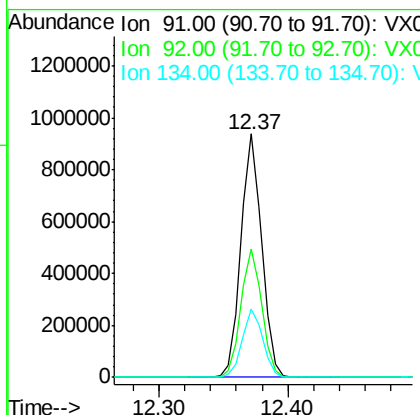
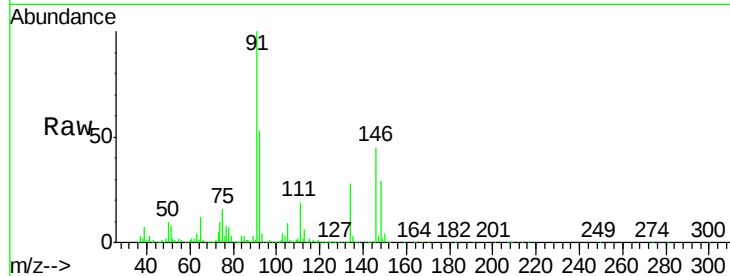




#89
n-Butylbenzene
Concen: 51.480 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

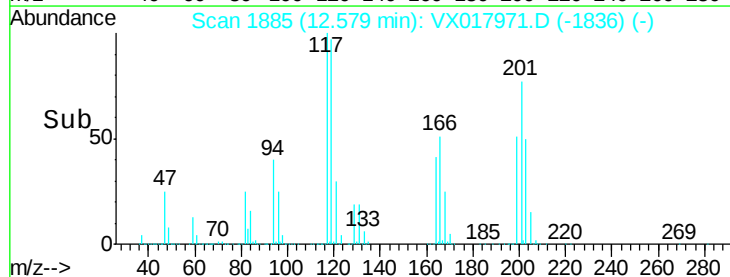
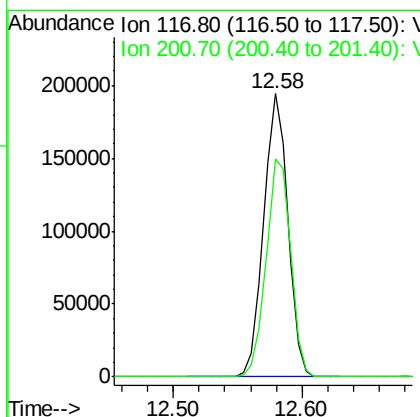
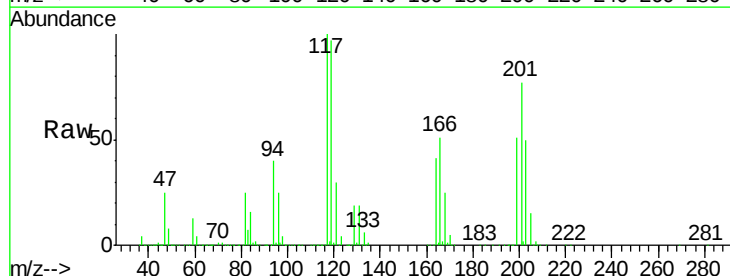
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

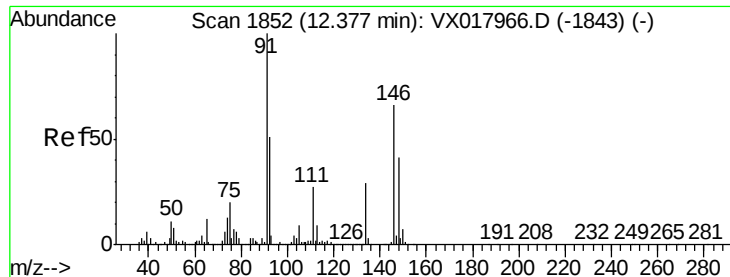
Tgt Ion: 91 Resp: 1047930
Ion Ratio Lower Upper
91 100
92 53.0 25.7 77.0
134 27.5 13.4 40.2



#90
Hexachloroethane
Concen: 51.602 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017971.D
Acq: 19 Aug 2020 09:44

Tgt Ion: 117 Resp: 252417
Ion Ratio Lower Upper
117 100
201 78.9 40.8 122.2





#91

1,2-Dichlorobenzene

Concen: 45.923 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

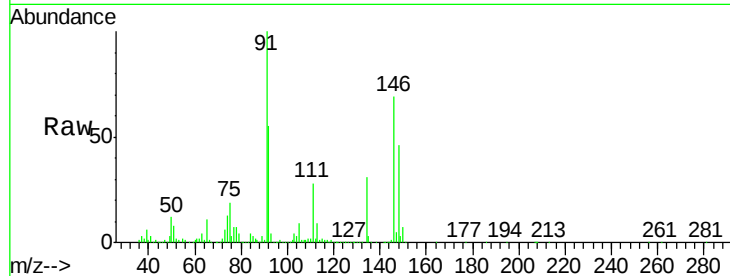
Tgt Ion:146 Resp: 565633

Ion Ratio Lower Upper

146 100

111 42.0 20.6 61.9

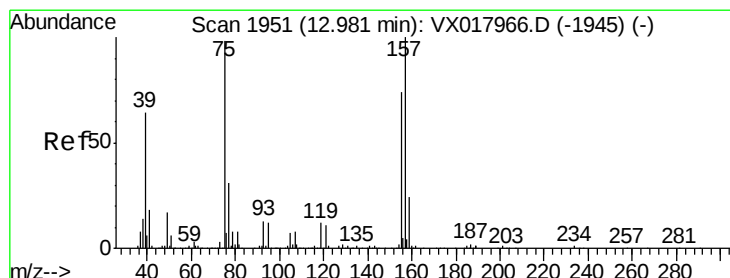
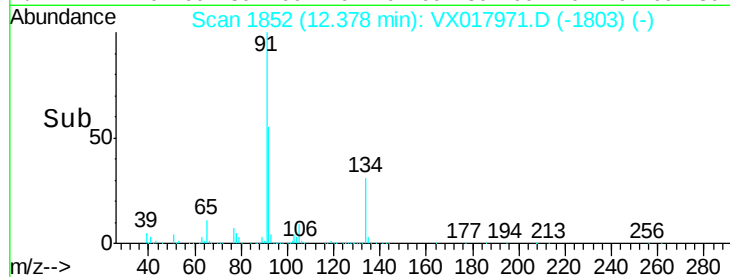
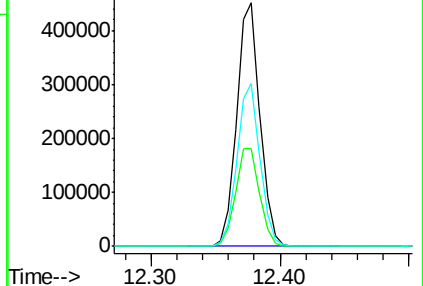
148 66.0 31.2 93.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.987 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

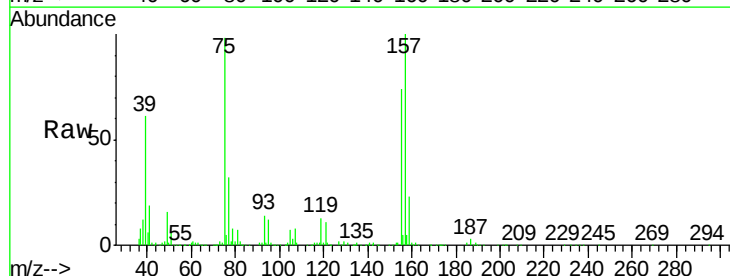
Tgt Ion: 75 Resp: 98583

Ion Ratio Lower Upper

75 100

155 83.5 40.5 121.5

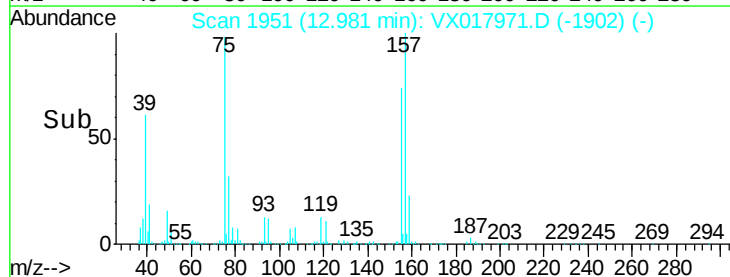
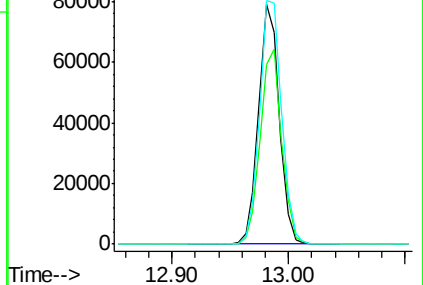
157 108.1 54.4 163.2

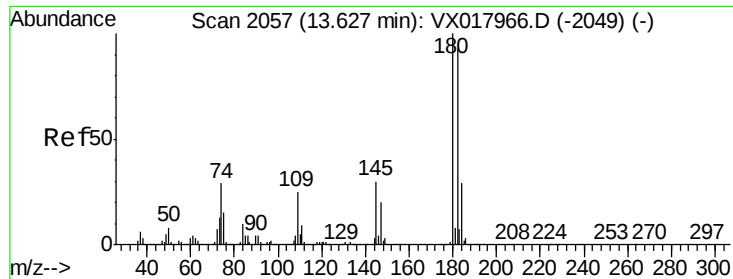


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

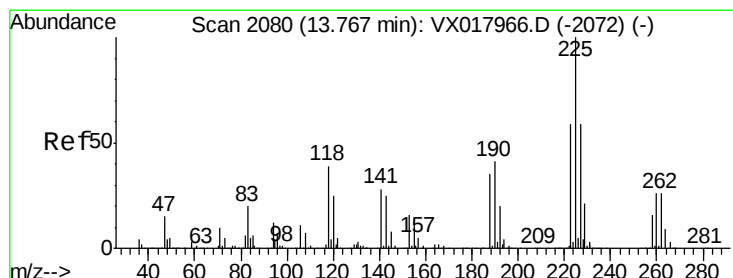
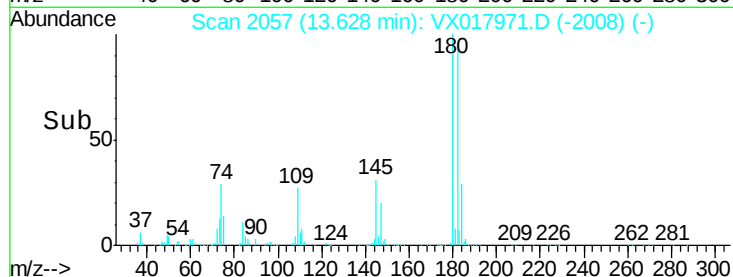
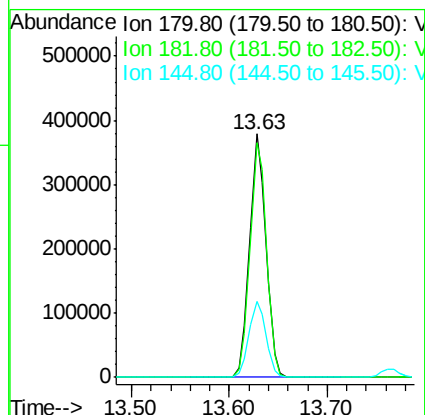
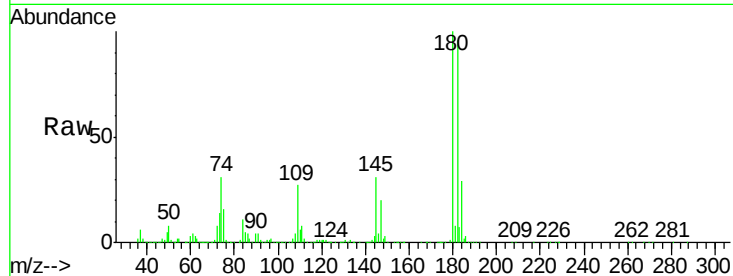




#93
 1,2,4-Trichlorobenzene
 Concen: 54.478 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017971.D
 Acq: 19 Aug 2020 09:44

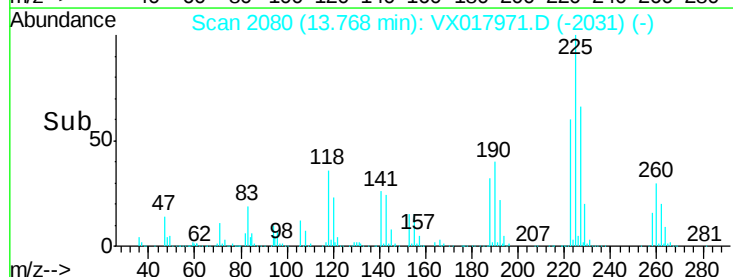
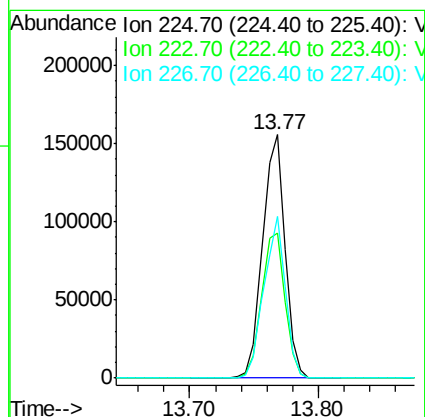
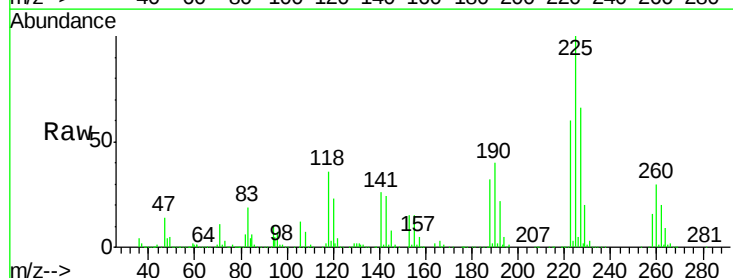
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

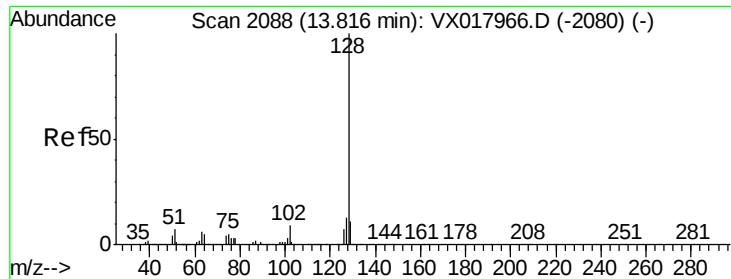
Tgt Ion:180 Resp: 441423
 Ion Ratio Lower Upper
 180 100
 182 97.6 48.8 146.4
 145 32.4 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 53.699 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017971.D
 Acq: 19 Aug 2020 09:44

Tgt Ion:225 Resp: 185689
 Ion Ratio Lower Upper
 225 100
 223 62.3 32.1 96.3
 227 63.8 29.8 89.5





#95

Naphthalene

Concen: 49.677 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Instrument :

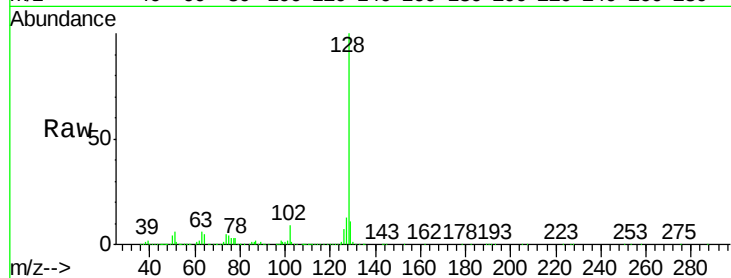
MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 1270589

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.7	16.1
129	10.9	8.6	13.0

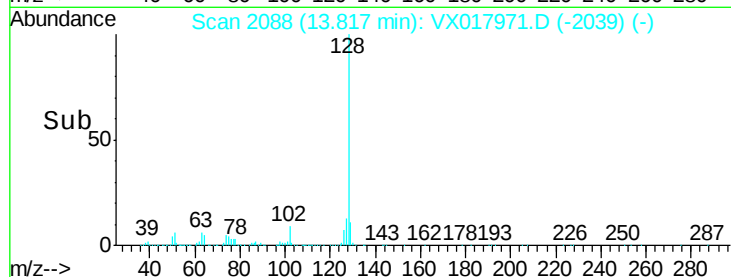


Abundance

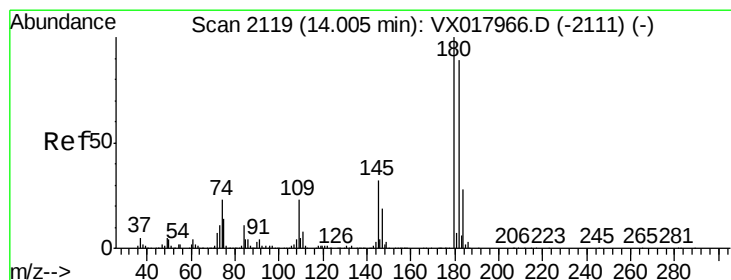
Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 54.964 ug/l

RT: 14.00 min Scan# 2118

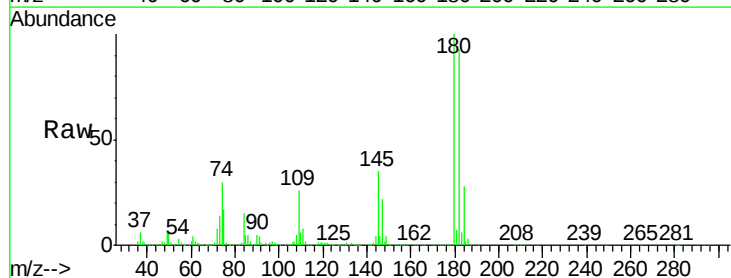
Delta R.T. -0.01 min

Lab File: VX017971.D

Acq: 19 Aug 2020 09:44

Tgt Ion:180 Resp: 452870

Ion	Ratio	Lower	Upper
180	100		
182	96.5	46.6	139.8
145	33.1	16.8	50.4

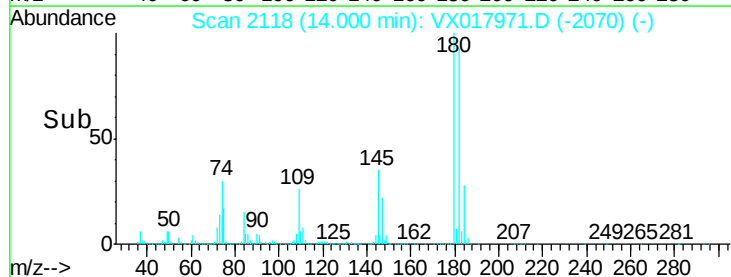


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->