

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017114.D
 Acq On : 01 Jul 2020 21:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 02 01:40:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	256376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	394202	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	371586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196292	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	145124	45.92	ug/l	0.00
Spiked Amount			Recovery	=	91.84%	
35) Dibromofluoromethane	5.46	113	119436	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	
50) Toluene-d8	8.70	98	433815	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	
62) 4-Bromofluorobenzene	11.12	95	172046	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	118193	47.653	ug/l	99
3) Chloromethane	1.31	50	130222	43.375	ug/l	99
4) Vinyl Chloride	1.39	62	127140	45.643	ug/l	99
5) Bromomethane	1.62	94	68500	46.546	ug/l	99
6) Chloroethane	1.71	64	75271	45.753	ug/l	97
7) Trichlorofluoromethane	1.92	101	202905	49.253	ug/l	98
8) Diethyl Ether	2.17	74	70157	50.609	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	117821	47.718	ug/l	97
10) Methyl Iodide	2.49	142	149268	46.851	ug/l	99
11) Tert butyl alcohol	3.01	59	145529	241.362	ug/l	99
12) 1,1-Dichloroethene	2.36	96	118362	46.664	ug/l	96
13) Acrolein	2.28	56	60826	168.759	ug/l	97
14) Allyl chloride	2.71	41	212528	45.338	ug/l	99
15) Acrylonitrile	3.12	53	354606	244.646	ug/l	99
16) Acetone	2.42	43	288093	243.661	ug/l	98
17) Carbon Disulfide	2.55	76	336889	47.597	ug/l	100
18) Methyl Acetate	2.75	43	155494	50.378	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	420984	49.452	ug/l	100
20) Methylene Chloride	2.84	84	136536	50.357	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	133085	47.280	ug/l	97
22) Diisopropyl ether	3.82	45	420557	48.474	ug/l	96
23) Vinyl Acetate	3.79	43	1864741	250.121	ug/l	100
24) 1,1-Dichloroethane	3.67	63	235963	47.799	ug/l	99
25) 2-Butanone	4.64	43	479969	243.626	ug/l	98
26) 2,2-Dichloropropane	4.55	77	184977	42.201	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	148768	46.645	ug/l	99
28) Bromochloromethane	4.98	49	111490	46.411	ug/l	97
29) Tetrahydrofuran	5.09	42	320785	246.437	ug/l	100
30) Chloroform	5.18	83	244509	48.317	ug/l	100
31) Cyclohexane	5.55	56	203110	47.599	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	223521	47.961	ug/l	98
36) 1,1-Dichloropropene	5.77	75	179583	48.201	ug/l	99
37) Ethyl Acetate	4.79	43	189504	50.132	ug/l	99
38) Carbon Tetrachloride	5.76	117	205316	50.033	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	202602	48.875	ug/l	97
40) Benzene	6.12	78	526807	48.125	ug/l	99
41) Methacrylonitrile	5.01	41	107183	50.379	ug/l	99
42) 1,2-Dichloroethane	6.17	62	196859	49.787	ug/l	100
43) Isopropyl Acetate	6.42	43	311327	49.563	ug/l	99
44) Trichloroethene	7.19	130	152427	50.463	ug/l	98
45) 1,2-Dichloropropane	7.49	63	138009	49.086	ug/l	98
46) Dibromomethane	7.64	93	95766	49.891	ug/l	98
47) Bromodichloromethane	7.87	83	198452	50.168	ug/l	95
48) Methyl methacrylate	7.74	41	156376	52.400	ug/l	99
49) 1,4-Dioxane	7.71	88	65354	966.657	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	971852	259.550	ug/l	99
52) Toluene	8.77	92	341578	49.978	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	216621	49.632	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	228632	48.866	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	139035	49.791	ug/l	99
56) Ethyl methacrylate	9.16	69	210203	52.888	ug/l	100
57) 1,3-Dichloropropane	9.35	76	233173	49.349	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	525905	265.870	ug/l	99
59) 2-Hexanone	9.47	43	732011	267.681	ug/l	100
60) Dibromochloromethane	9.57	129	167882	51.764	ug/l	99
61) 1,2-Dibromoethane	9.65	107	151370	50.431	ug/l	98
64) Tetrachloroethene	9.32	164	143282	47.778	ug/l	98
65) Chlorobenzene	10.12	112	375309	48.937	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	149594	50.613	ug/l	100
67) Ethyl Benzene	10.23	91	651796	50.890	ug/l	100
68) m/p-Xylenes	10.34	106	509086	103.519	ug/l	98
69) o-Xylene	10.68	106	241244	51.567	ug/l	99
70) Styrene	10.70	104	427767	53.695	ug/l	99
71) Bromoform	10.84	173	129148	55.102	ug/l #	98
73) Isopropylbenzene	11.00	105	654481	50.903	ug/l	100
74) N-amyl acetate	10.88	43	279063	50.867	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	200147	49.488	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	250027	64.774	ug/l	85
77) Bromobenzene	11.24	156	175183	49.575	ug/l	97
78) n-propylbenzene	11.34	91	740181	50.908	ug/l	100
79) 2-Chlorotoluene	11.40	91	448378	50.955	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	554751	52.017	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	73294	49.173	ug/l	96
82) 4-Chlorotoluene	11.49	91	533608	50.727	ug/l	99
83) tert-Butylbenzene	11.76	119	537784	51.368	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	562315	51.972	ug/l	100
85) sec-Butylbenzene	11.93	105	620440	50.417	ug/l	100
86) p-Isopropyltoluene	12.05	119	586614	51.205	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	307812	47.962	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	311112	51.409	ug/l	100
89) n-Butylbenzene	12.37	91	500523	48.931	ug/l	100
90) Hexachloroethane	12.58	117	110419	48.876	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	295415	49.244	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	46617	48.318	ug/l	99

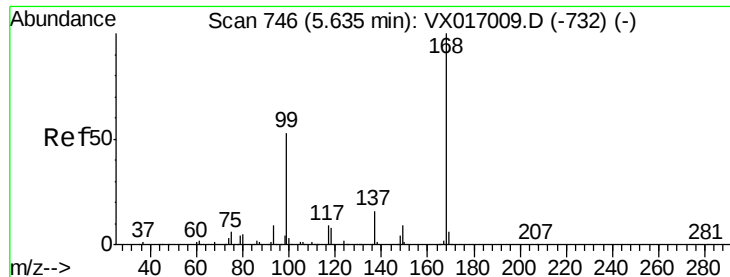
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	205213	50.118	ug/l	100
94) Hexachlorobutadiene	13.76	225	75262	48.458	ug/l	98
95) Naphthalene	13.82	128	669541	53.786	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	203269	51.297	ug/l	100

(#) = 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: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

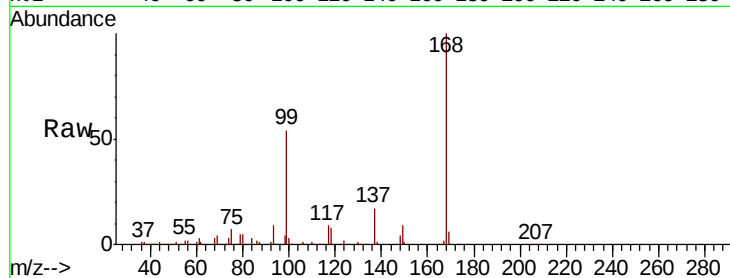
VSTDCCC050

Tot Ion:168 Resp: 256376

Ion Ratio Lower Upper

168 100

99 53.9 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

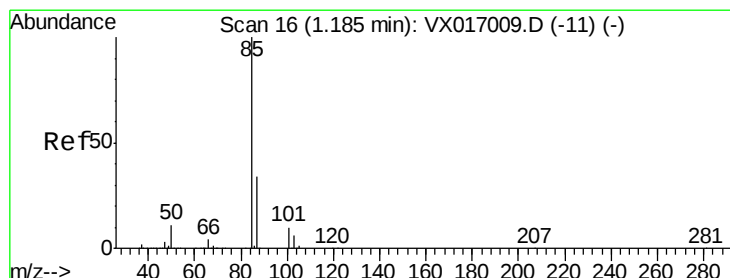
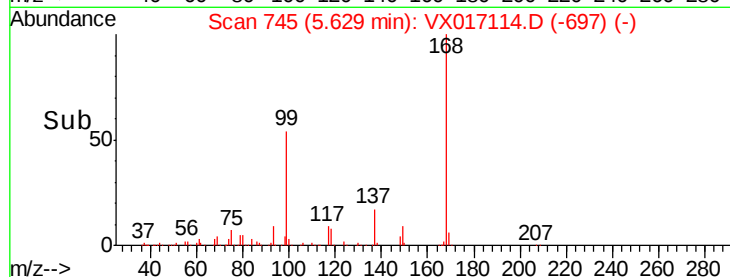
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.653 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017114.D

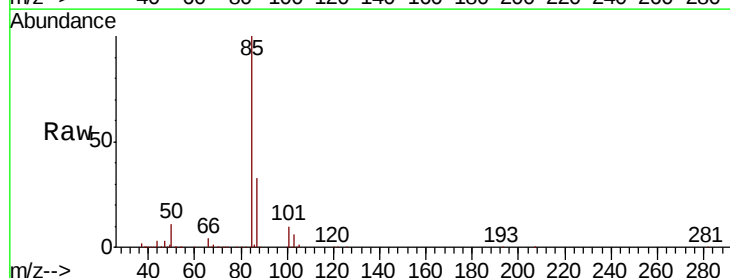
Acq: 01 Jul 2020 21:42

Tgt Ion: 85 Resp: 118193

Ion Ratio Lower Upper

85 100

87 33.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

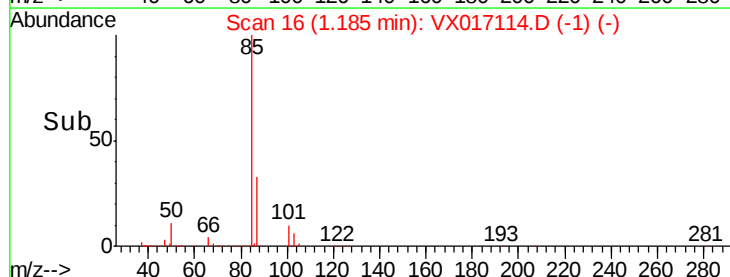
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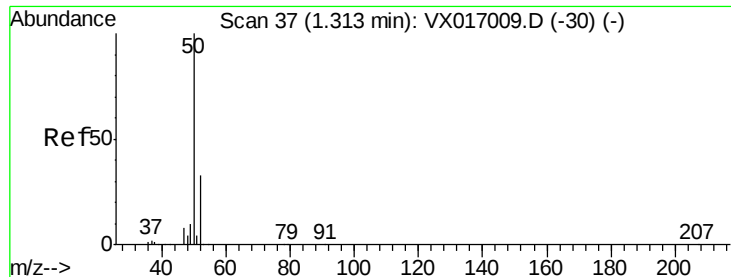
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50000

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Time-->





#3

Chloromethane

Concen: 43.375 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

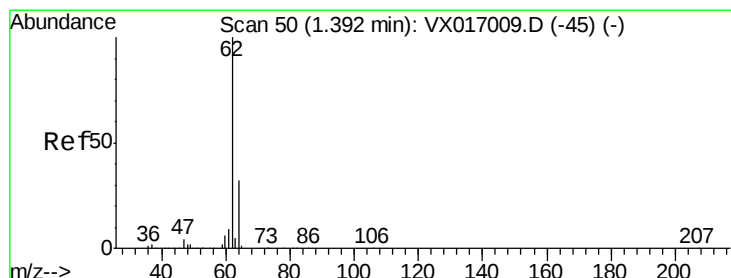
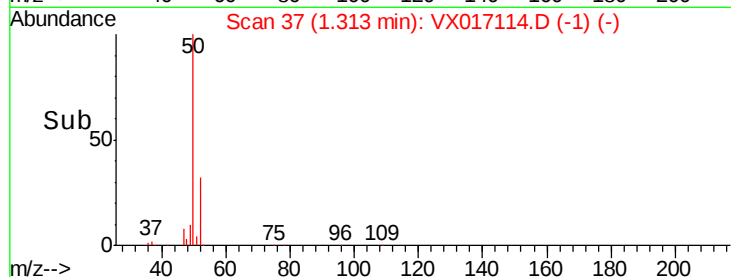
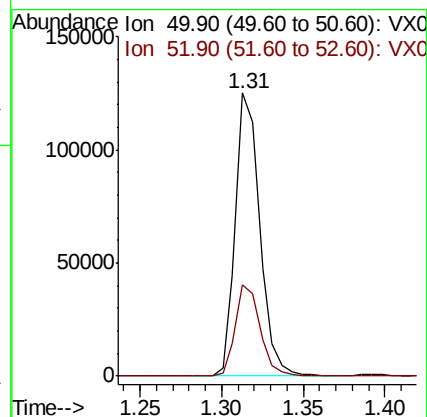
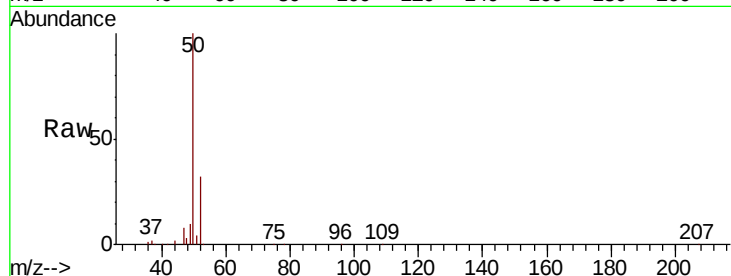
VSTDCCC050

Tot Ion: 50 Resp: 130222

Ion Ratio Lower Upper

50 100

52 32.1 26.1 39.1



#4

Vinyl Chloride

Concen: 45.643 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017114.D

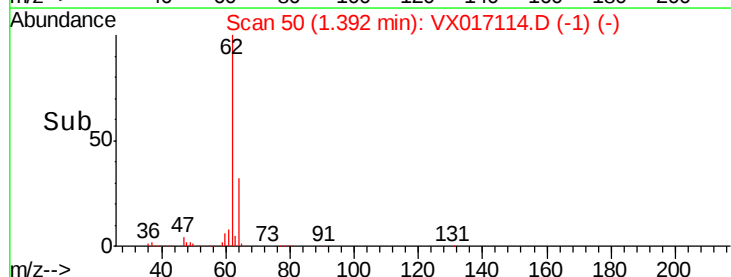
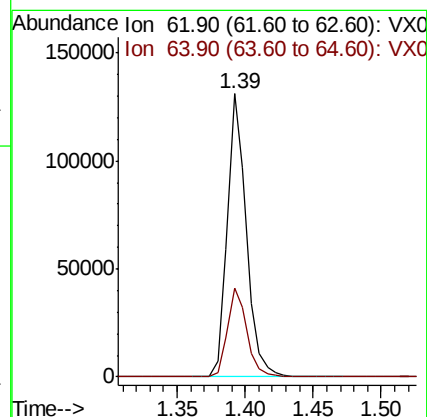
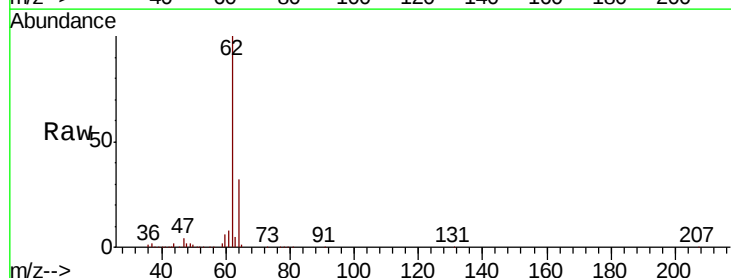
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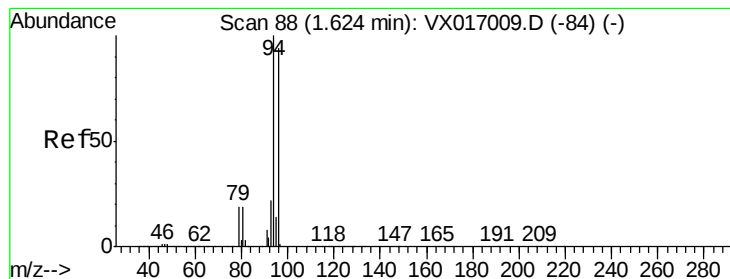
Tgt Ion: 62 Resp: 127140

Ion Ratio Lower Upper

62 100

64 31.6 25.9 38.9





#5

Bromomethane

Concen: 46.546 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

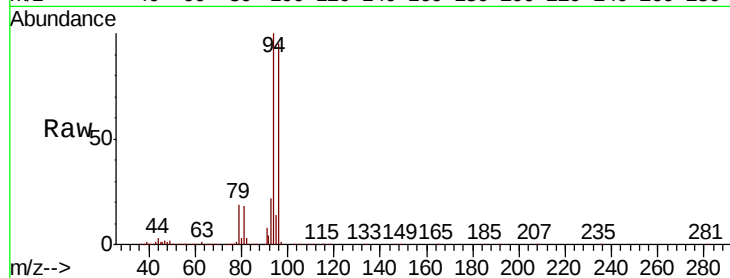
VSTDCCC050

Tot Ion: 94 Resp: 68500

Ion Ratio Lower Upper

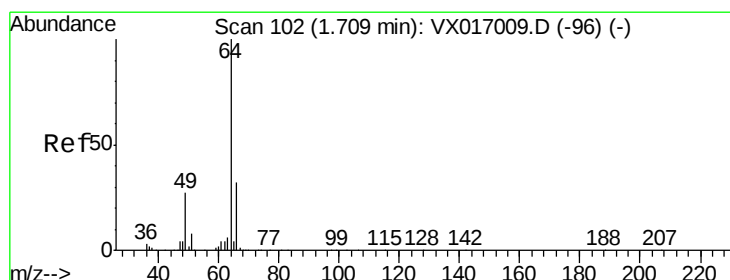
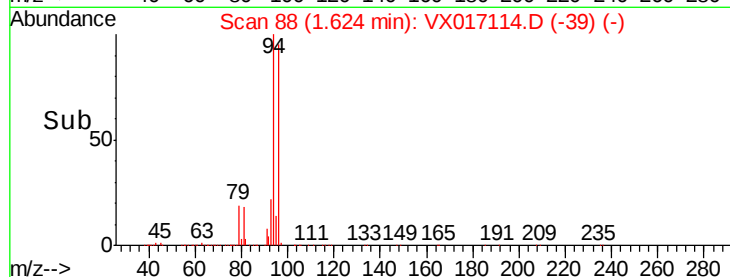
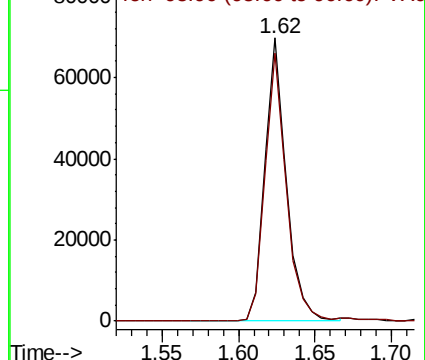
94 100

96 94.7 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.753 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017114.D

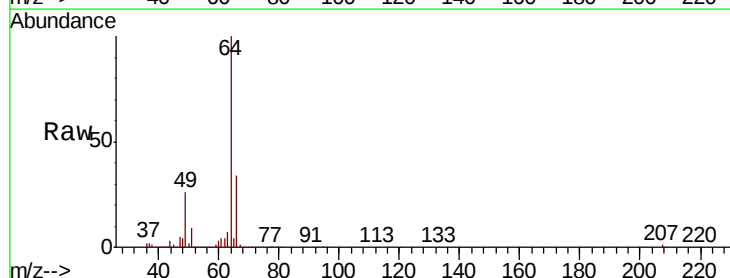
Acq: 01 Jul 2020 21:42

Tgt Ion: 64 Resp: 75271

Ion Ratio Lower Upper

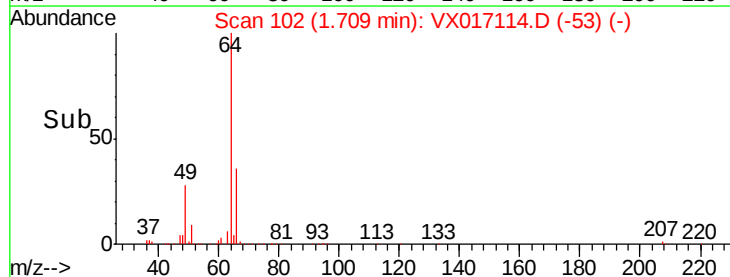
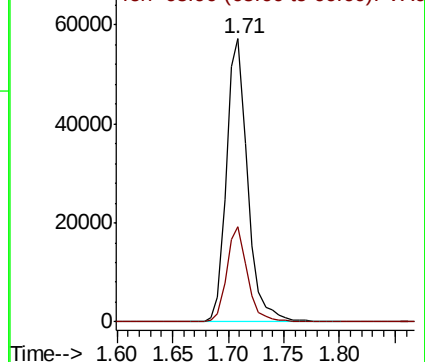
64 100

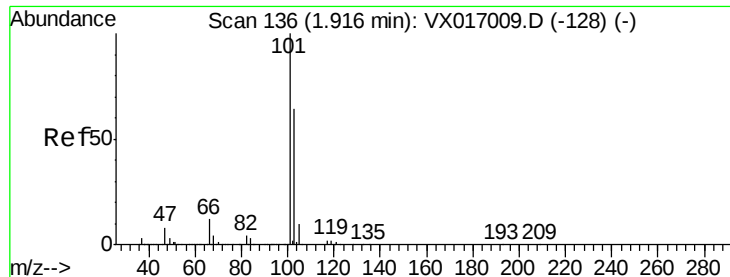
66 33.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



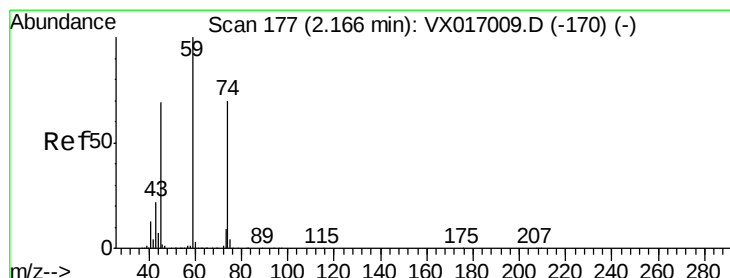
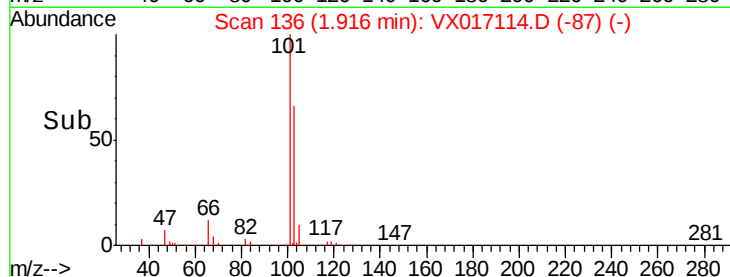
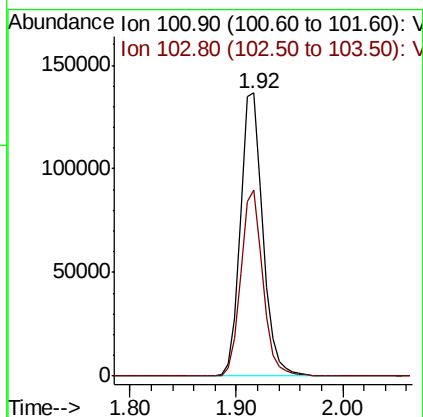
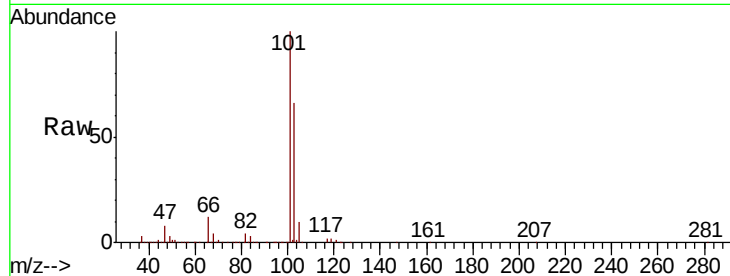


#7

Trichlorofluoromethane
Concen: 49.253 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017114.D
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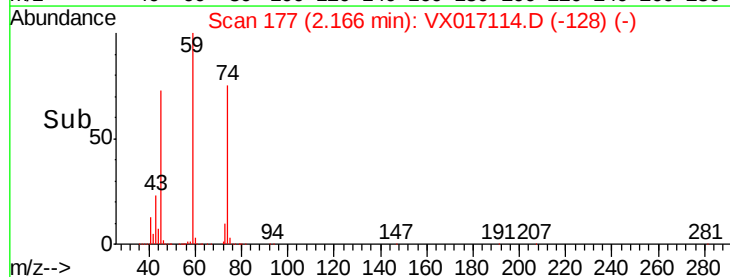
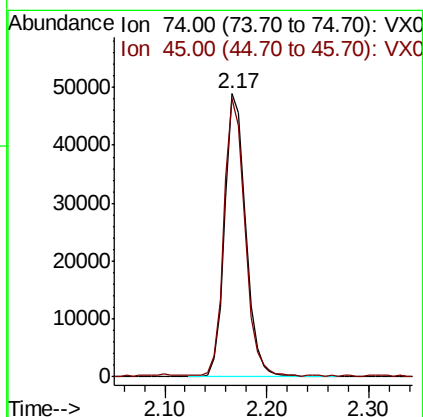
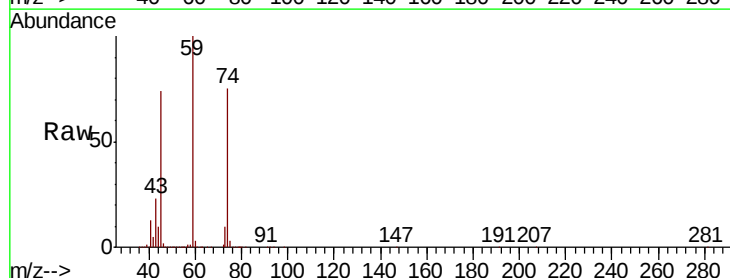
Tot Ion:101 Resp: 202905
Ion Ratio Lower Upper
101 100
103 65.9 51.5 77.3

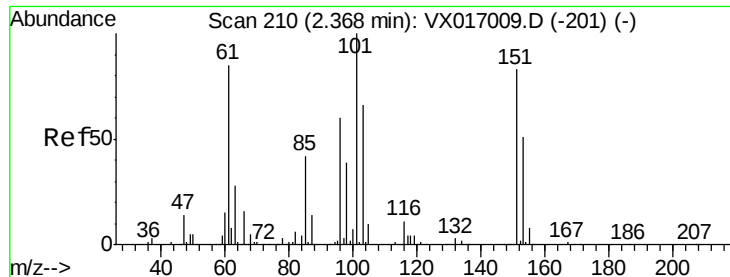


#8

Diethyl Ether
Concen: 50.609 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion: 74 Resp: 70157
Ion Ratio Lower Upper
74 100
45 97.5 49.8 149.3

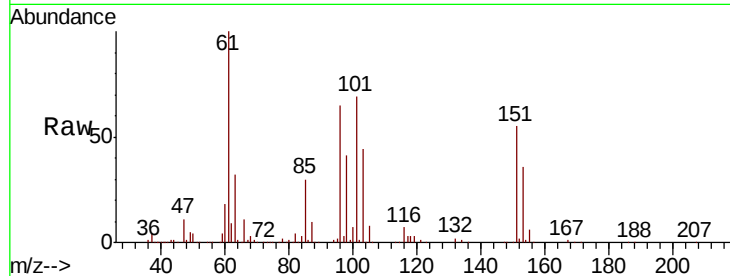




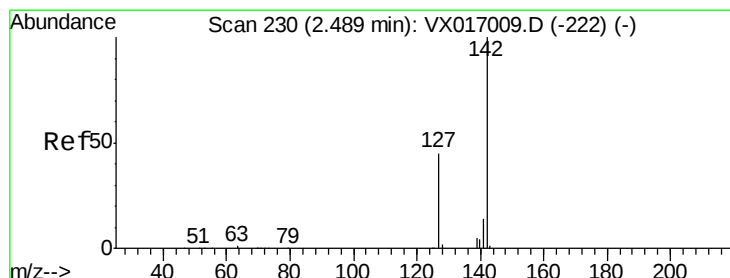
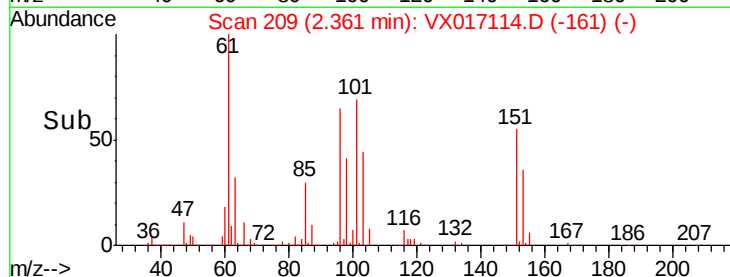
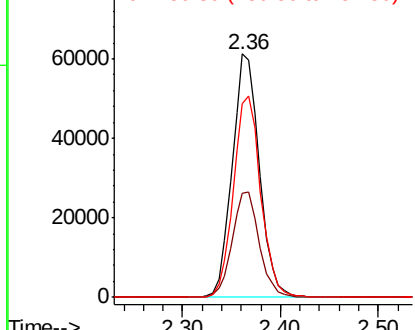
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.718 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. -0.01 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 117821
 Ion Ratio Lower Upper
 101 100
 85 43.3 33.5 50.3
 151 82.9 63.8 95.6

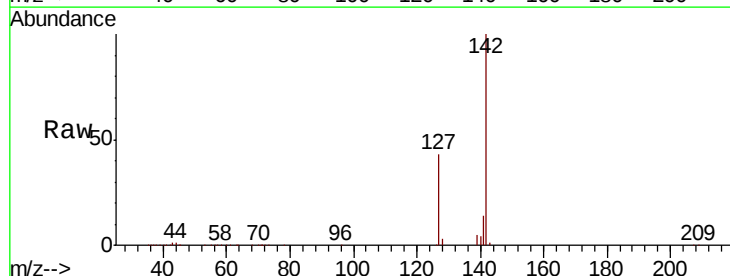


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

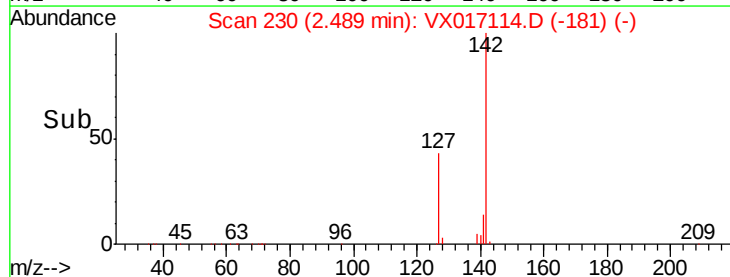
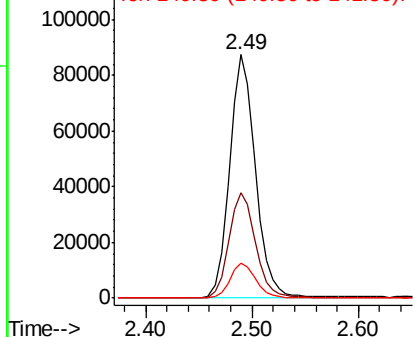


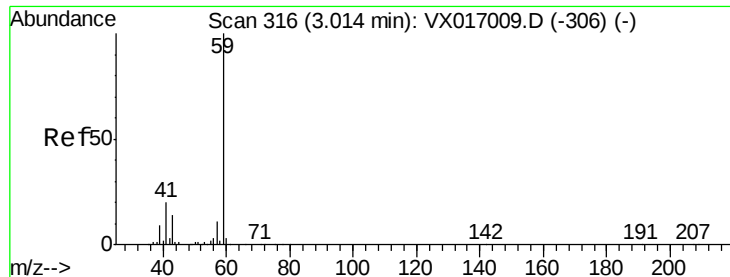
#10
 Methyl Iodide
 Concen: 46.851 ug/l
 RT: 2.49 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Tgt Ion:142 Resp: 149268
 Ion Ratio Lower Upper
 142 100
 127 44.9 36.6 54.8
 141 14.6 11.6 17.4



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: 241.362 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

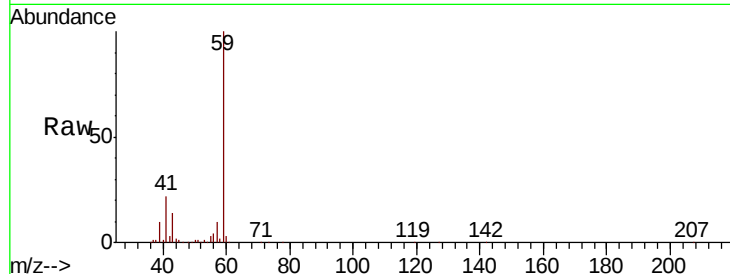
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 145529

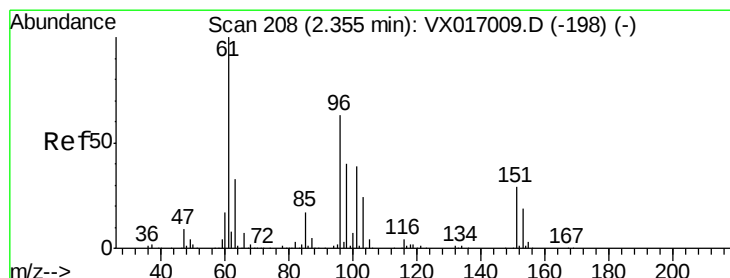
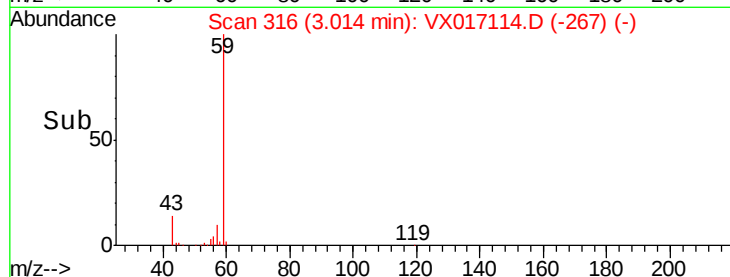
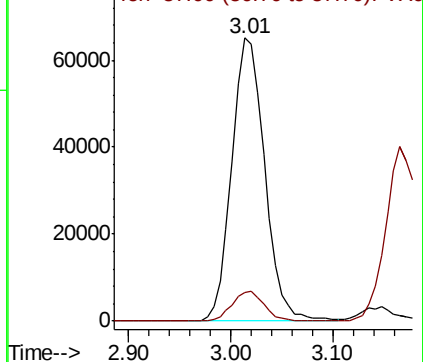
Ion Ratio Lower Upper

59 100

57 10.6 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene
Concen: 46.664 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

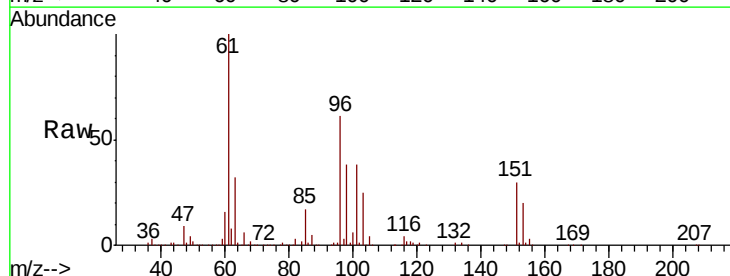
Tgt Ion: 96 Resp: 118362

Ion Ratio Lower Upper

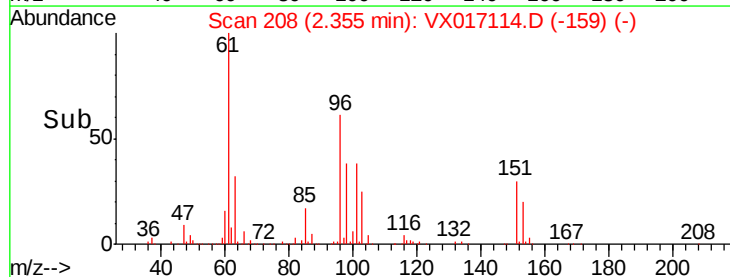
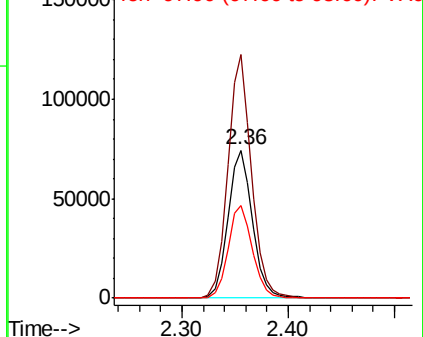
96 100

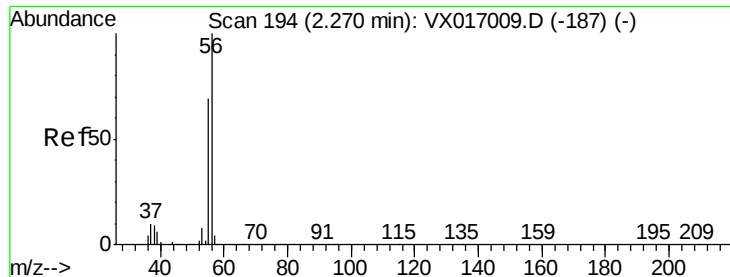
61 165.2 126.3 189.5

98 62.5 51.0 76.6



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

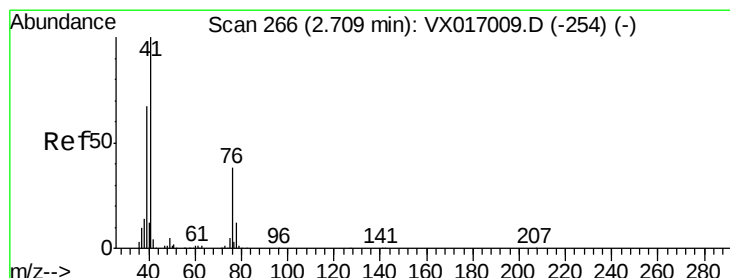
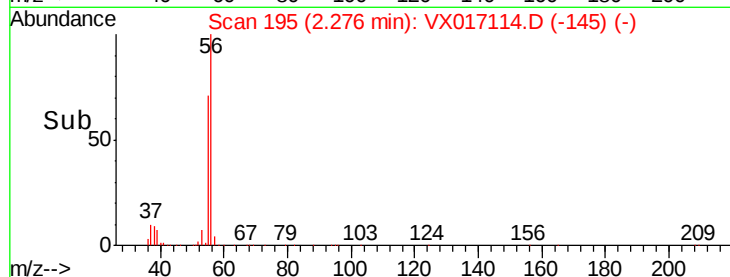
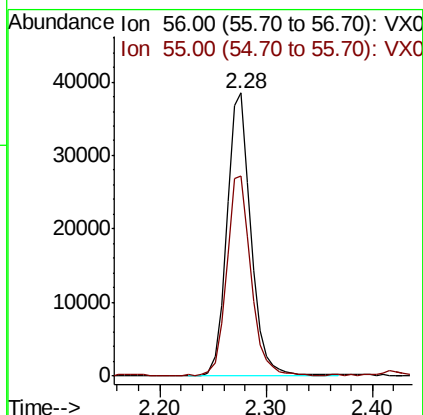
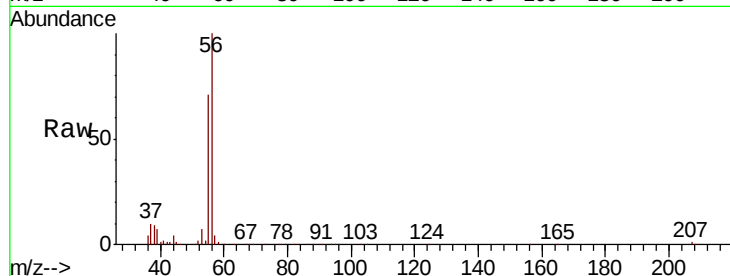




#13
Acrolein
Concen: 168.759 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

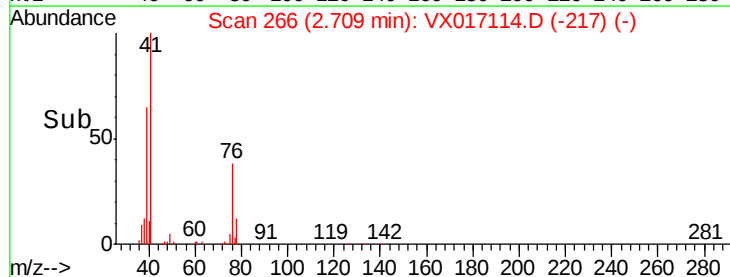
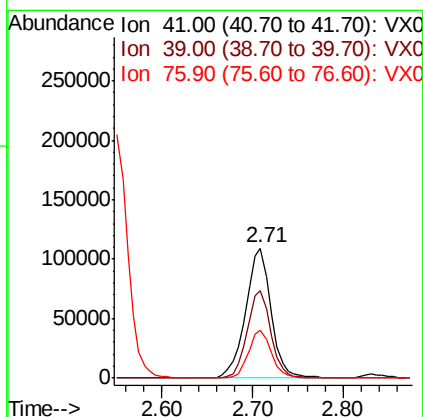
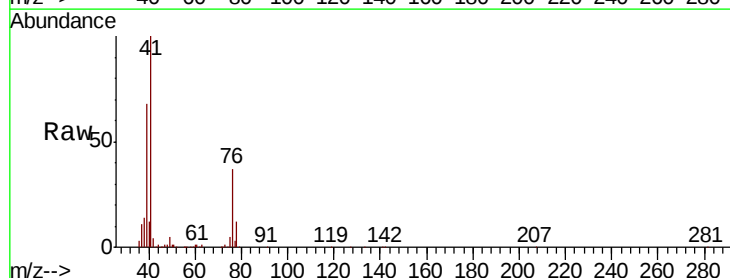
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

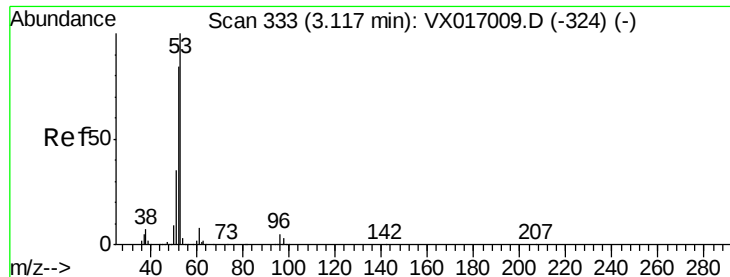
Tot Ion: 56 Resp: 60826
Ion Ratio Lower Upper
56 100
55 71.8 55.7 83.5



#14
Allyl chloride
Concen: 45.338 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion: 41 Resp: 212528
Ion Ratio Lower Upper
41 100
39 62.8 49.4 74.2
76 33.1 26.8 40.2





#15

Acrylonitrile

Concen: 244.646 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

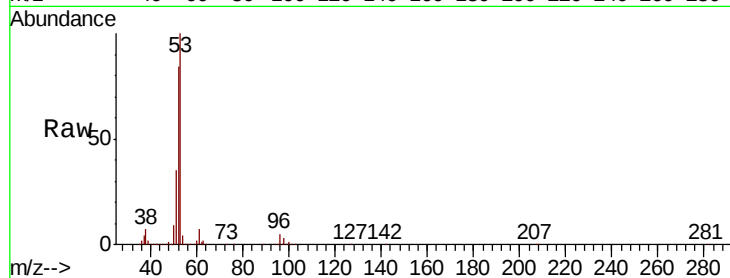
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 354606

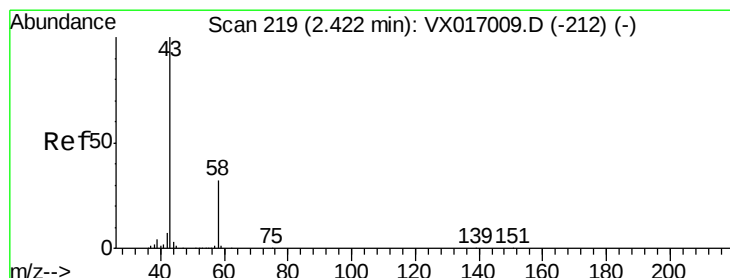
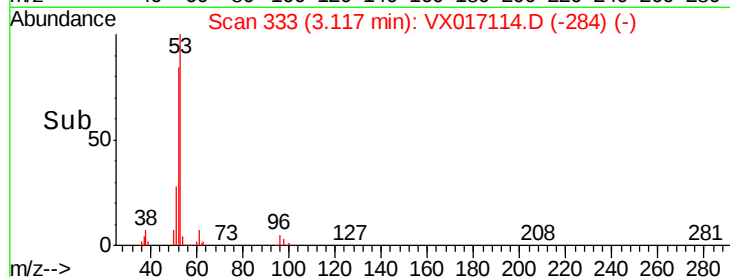
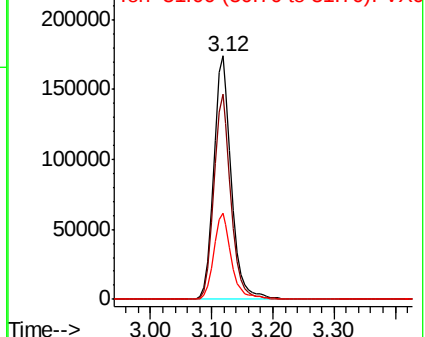
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.6	98.4
51	36.0	28.3	42.5



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: 243.661 ug/l

RT: 2.42 min Scan# 219

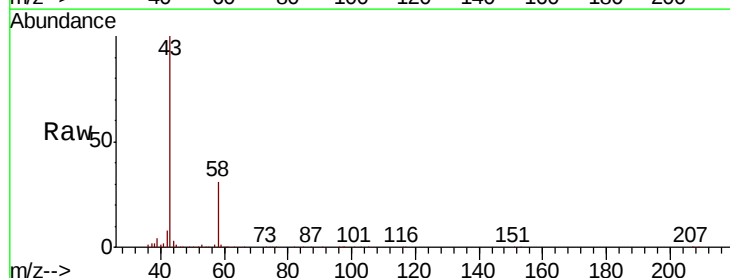
Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

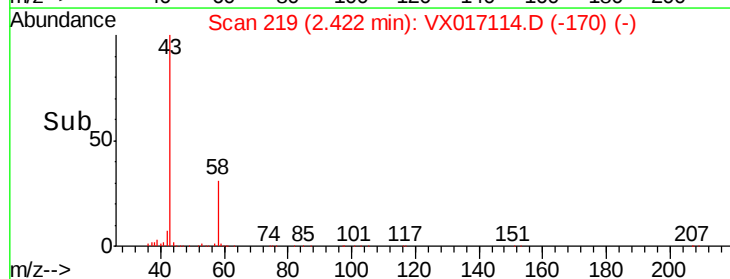
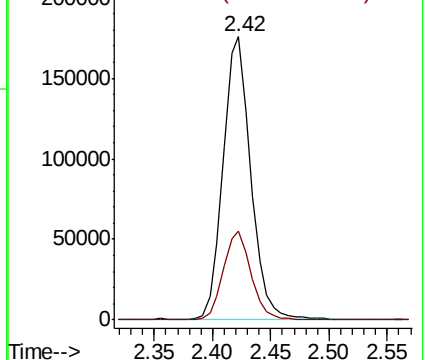
Tgt Ion: 43 Resp: 288093

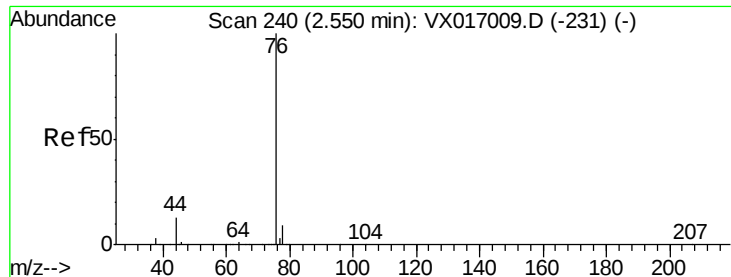
Ion	Ratio	Lower	Upper
43	100		
58	31.2	25.7	38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.597 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

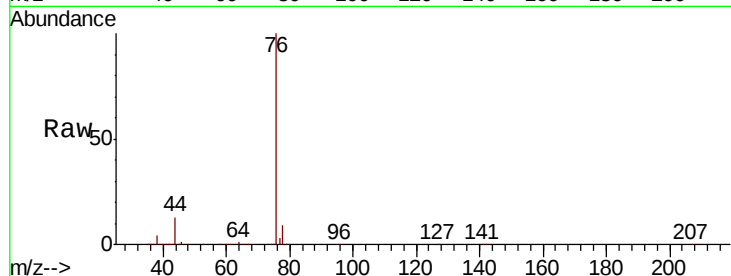
VSTDCCC050

Tot Ion: 76 Resp: 336889

Ion Ratio Lower Upper

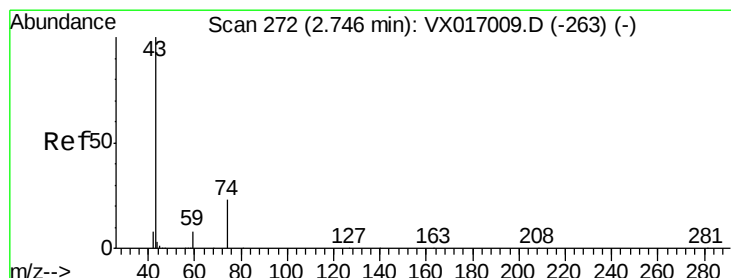
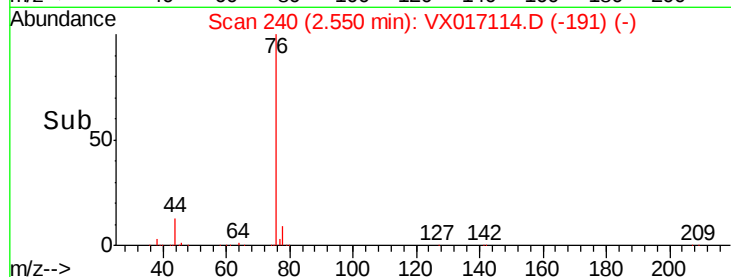
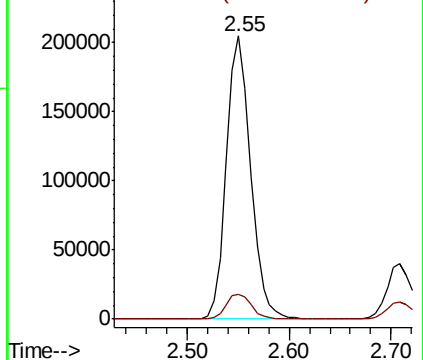
76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.378 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017114.D

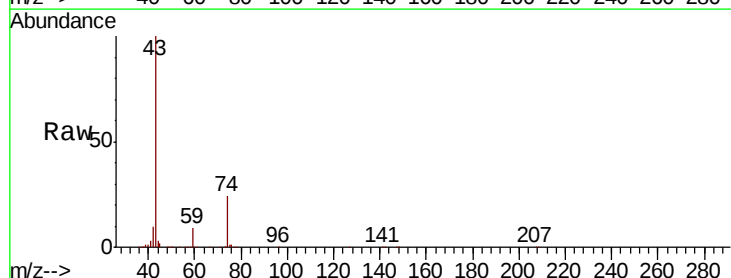
Acq: 01 Jul 2020 21:42

Tgt Ion: 43 Resp: 155494

Ion Ratio Lower Upper

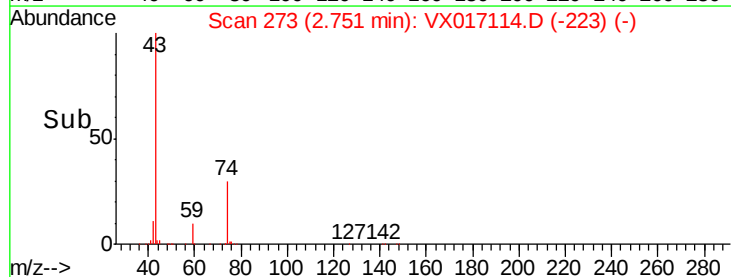
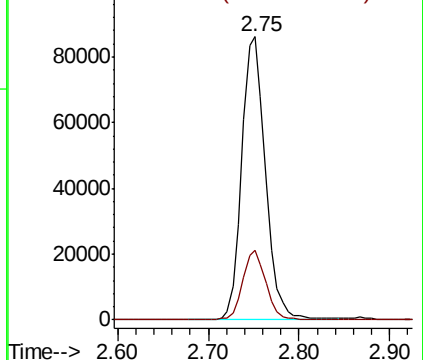
43 100

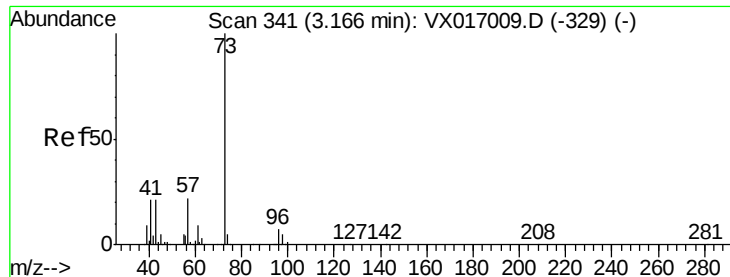
74 24.5 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



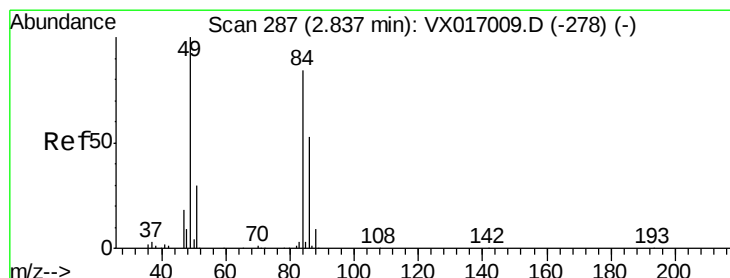
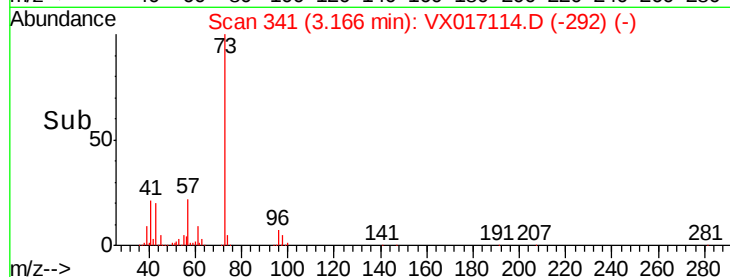
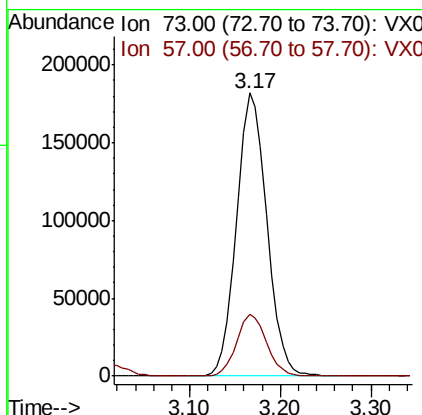
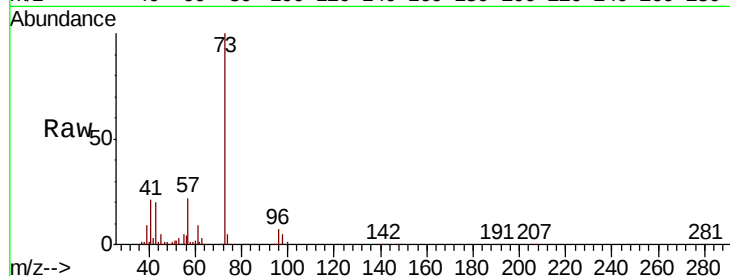


#19

Methyl tert-butyl Ether
 Concen: 49.452 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

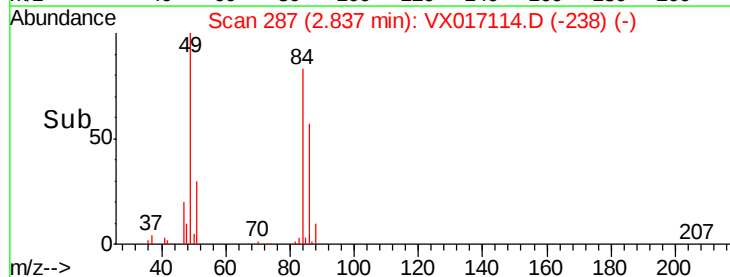
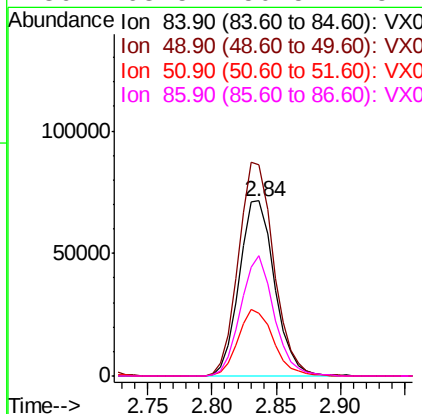
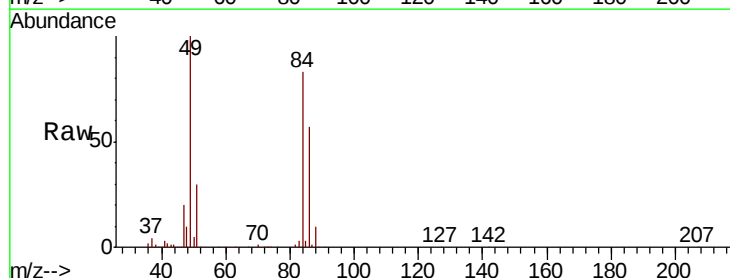
Tot Ion: 73 Resp: 420984
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.6 26.4

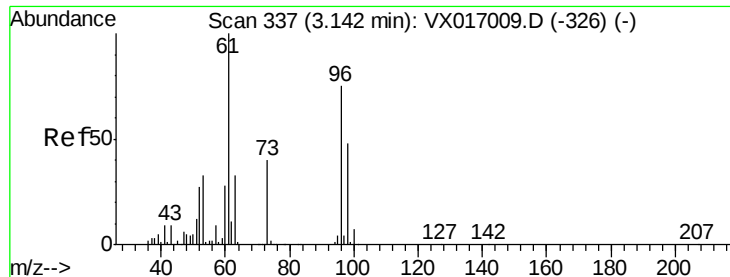


#20

Methylene Chloride
 Concen: 50.357 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Tgt Ion: 84 Resp: 136536
 Ion Ratio Lower Upper
 84 100
 49 121.0 94.7 142.1
 51 36.1 28.6 42.8
 86 68.5 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 47.280 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

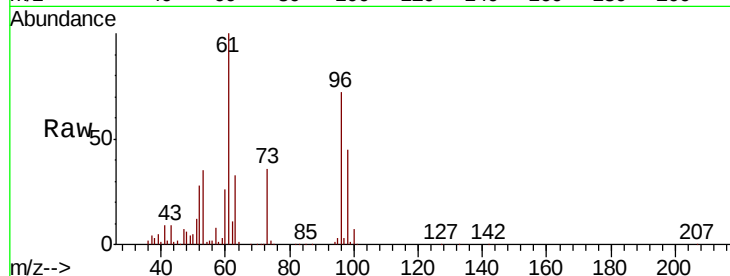
Tot Ion: 96 Resp: 133085

Ion Ratio Lower Upper

96 100

61 138.4 107.0 160.6

98 62.3 51.6 77.4

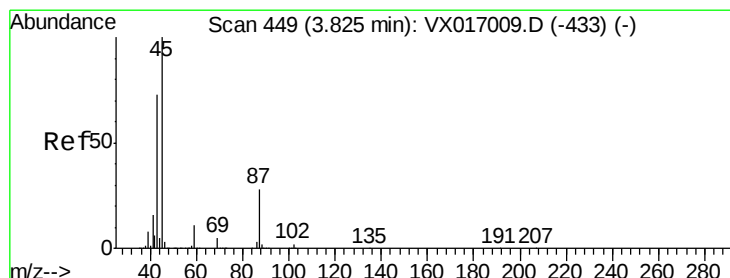
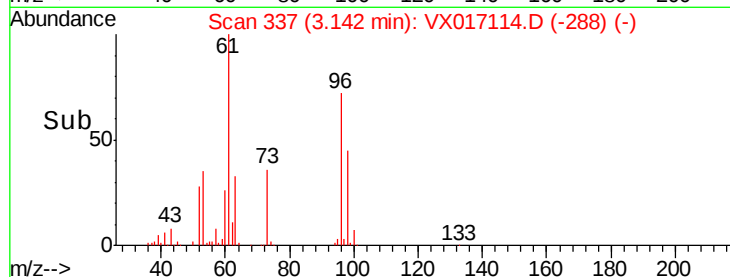
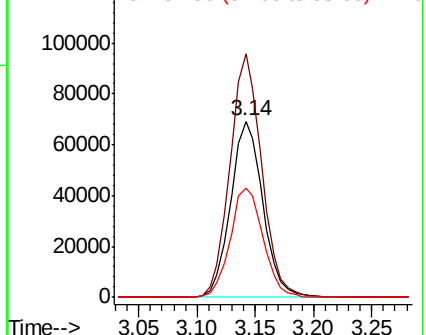


Abundance

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: 48.474 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Tgt Ion: 45 Resp: 420557

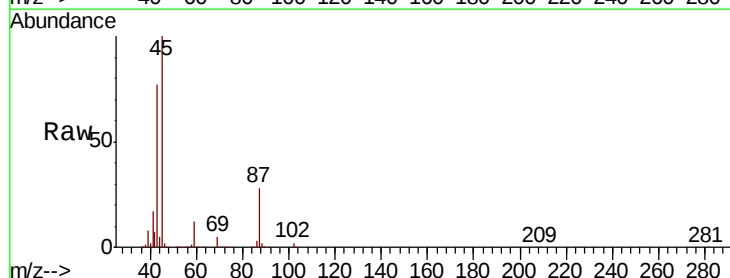
Ion Ratio Lower Upper

45 100

43 77.1 58.6 88.0

87 27.5 22.6 34.0

59 11.9 8.7 13.1



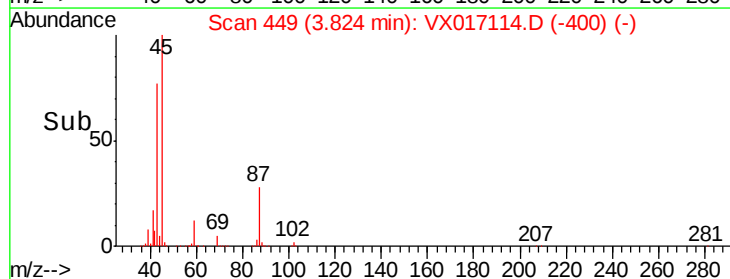
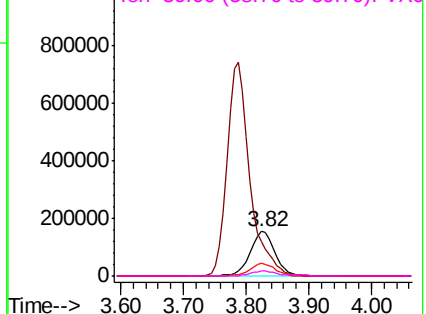
Abundance

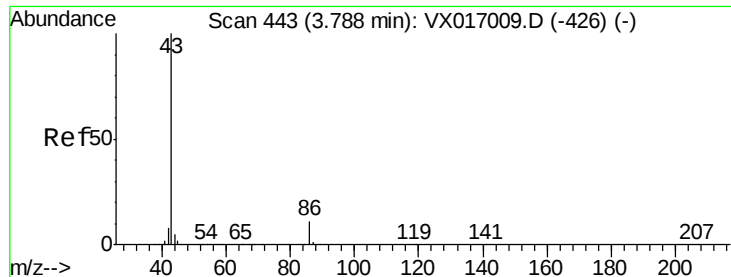
Ion 45.00 (44.70 to 45.70): VX0

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: 250.121 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

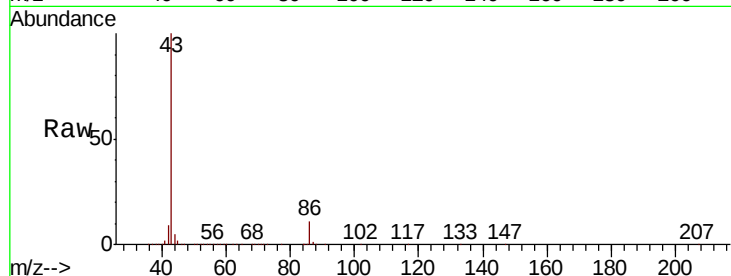
VSTDCCC050

Tot Ion: 43 Resp: 1864741

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

800000

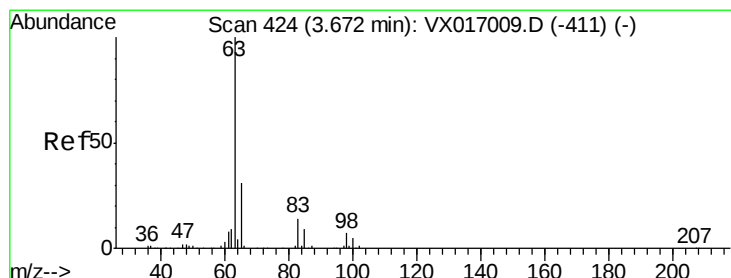
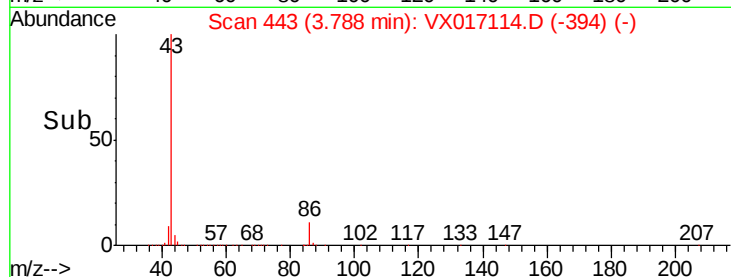
600000

400000

200000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 47.799 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

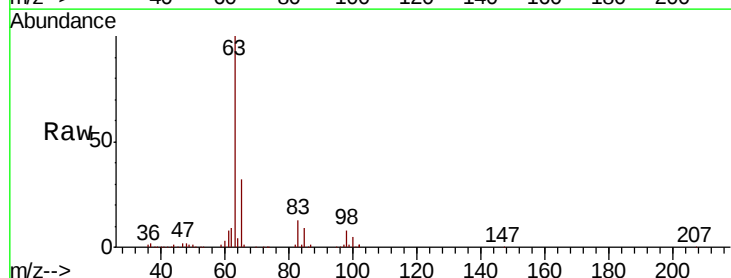
Tgt Ion: 63 Resp: 235963

Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 4.7 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

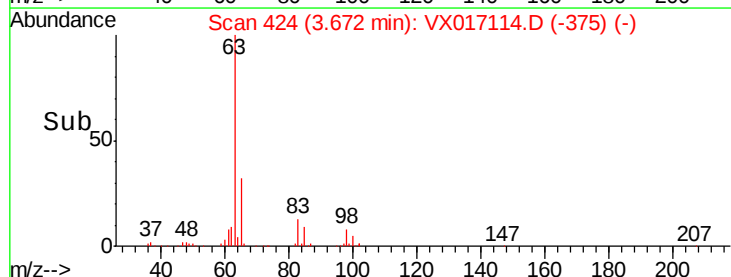
Ion 99.90 (99.60 to 100.60): VX0

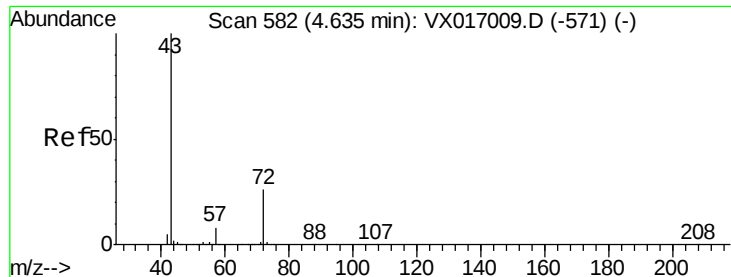
100000

50000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 243.626 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

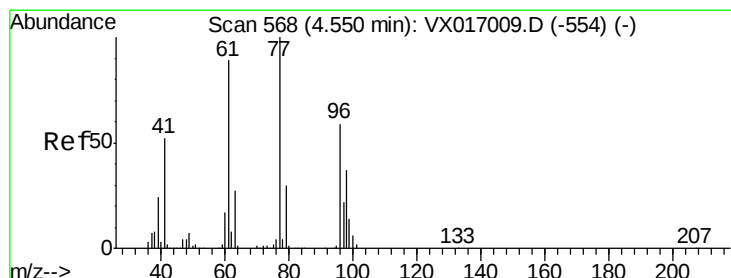
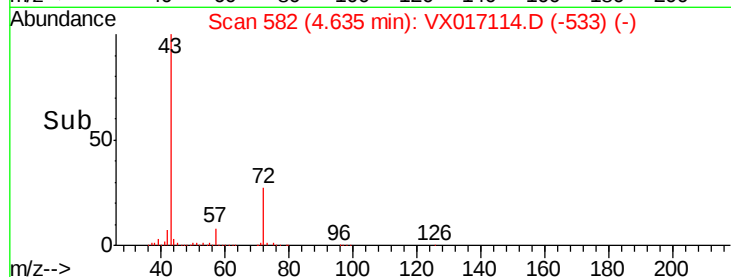
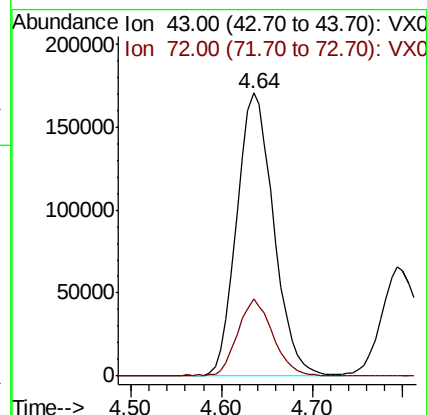
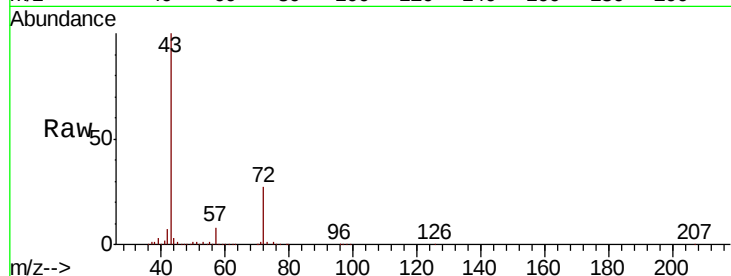
VSTDCCC050

Tot Ion: 43 Resp: 479969

Ion Ratio Lower Upper

43 100

72 27.1 20.8 31.2



#26

2,2-Dichloropropane

Concen: 42.201 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017114.D

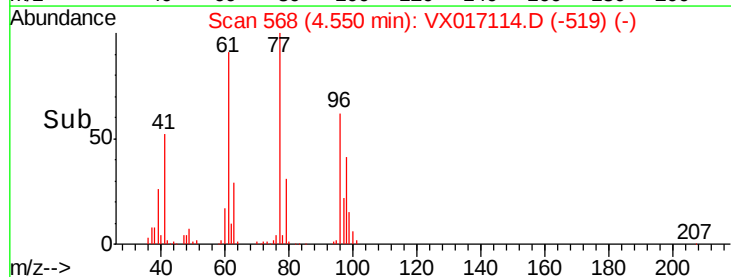
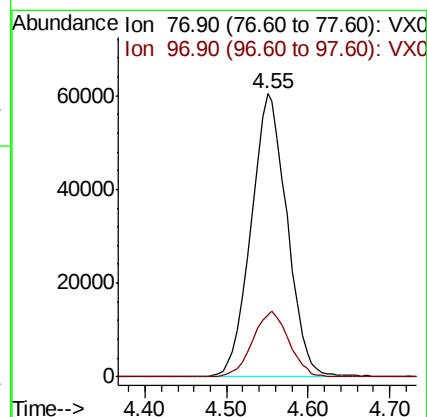
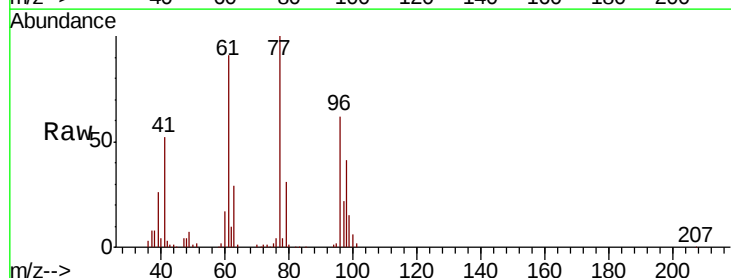
Acq: 01 Jul 2020 21:42

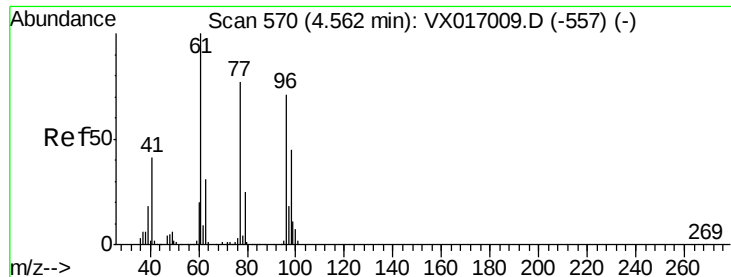
Tgt Ion: 77 Resp: 184977

Ion Ratio Lower Upper

77 100

97 23.3 11.4 34.2



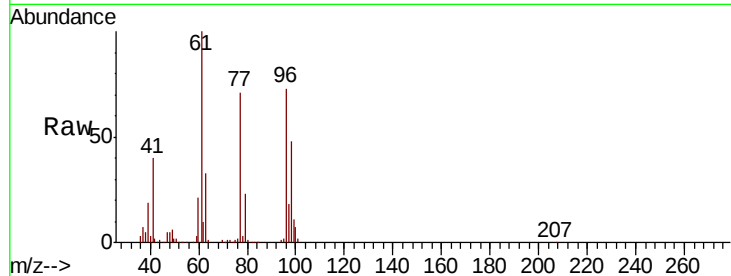


#27

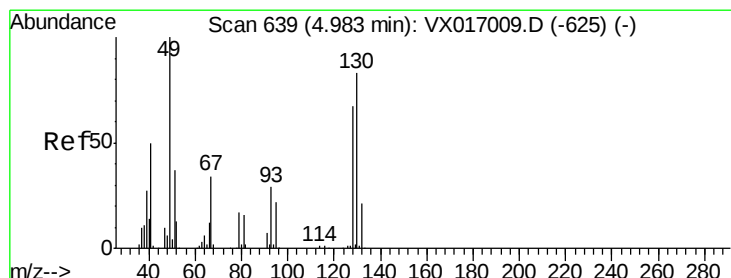
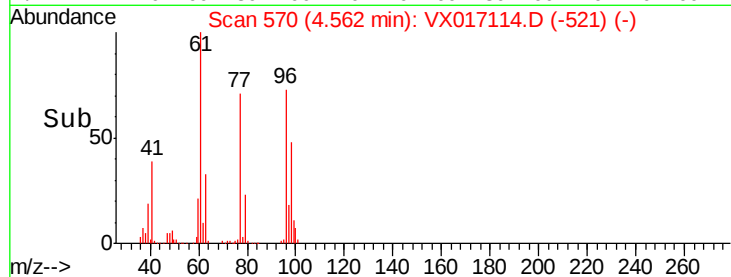
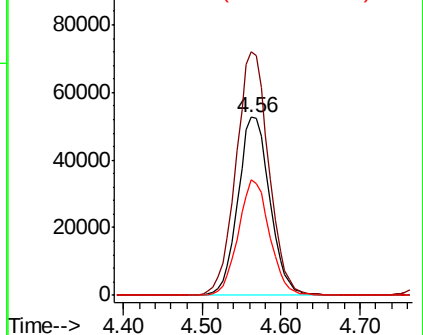
cis-1,2-Dichloroethene
Concen: 46.645 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	96	Resp	148768
Ion Ratio	Lower	Upper	
96	100		
61	139.9	0.0	282.8
98	63.4	0.0	127.6



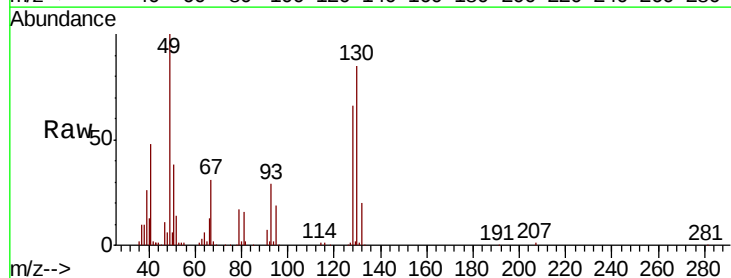
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



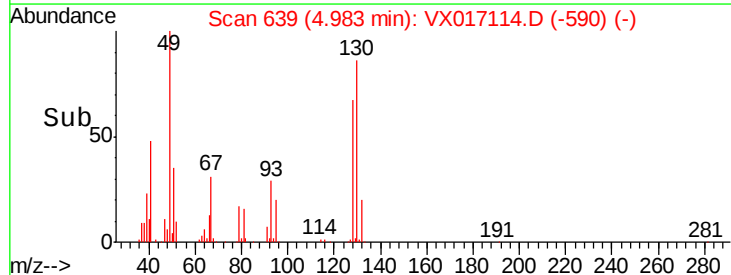
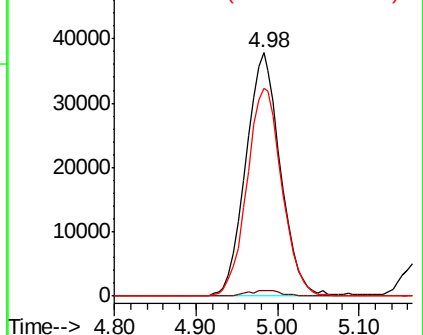
#28

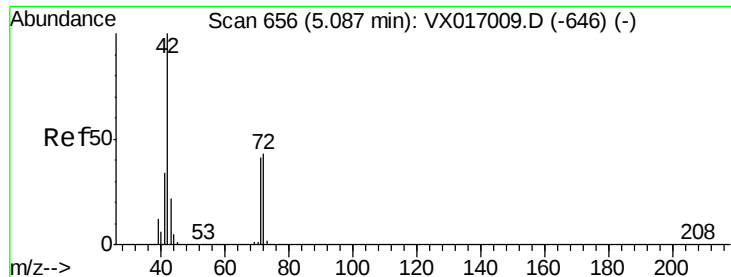
Bromochloromethane
Concen: 46.411 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion	49	Resp	111490
Ion Ratio	Lower	Upper	
49	100		
129	2.4	0.0	4.2
130	86.5	66.6	100.0



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

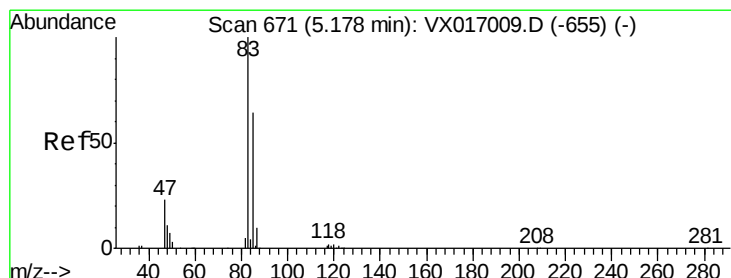
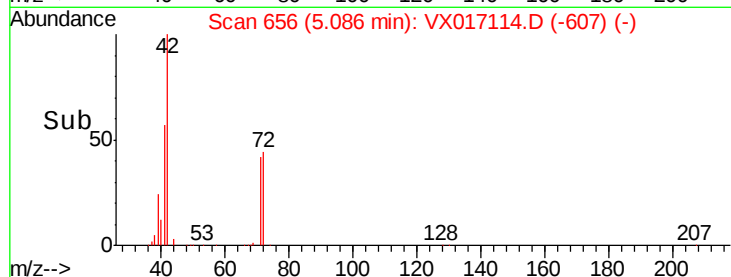
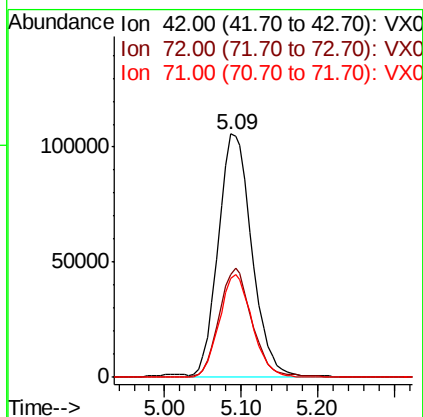
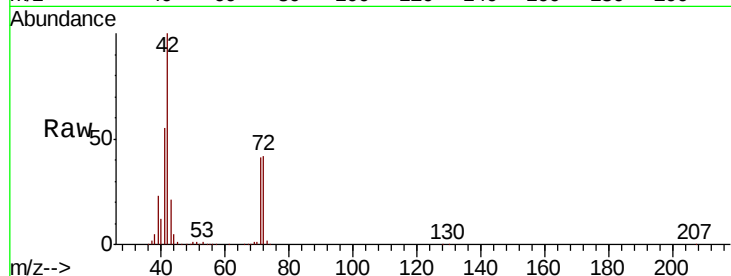




#29
Tetrahydrofuran
Concen: 246.437 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

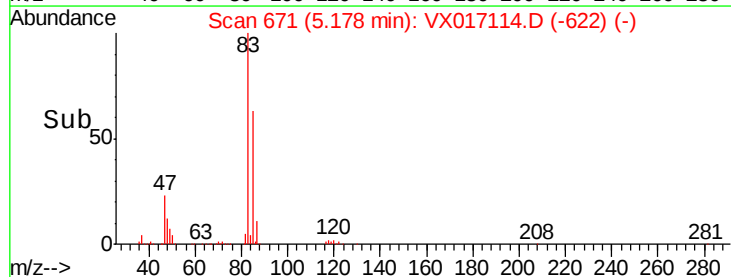
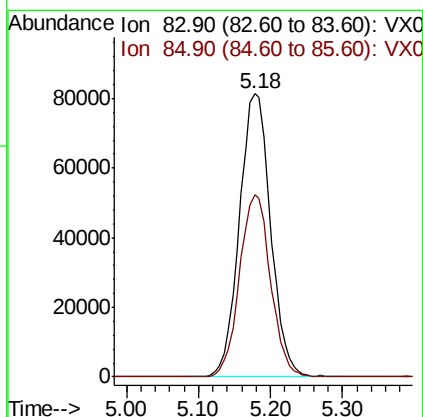
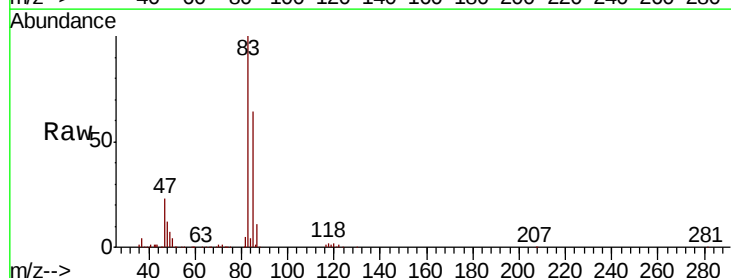
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

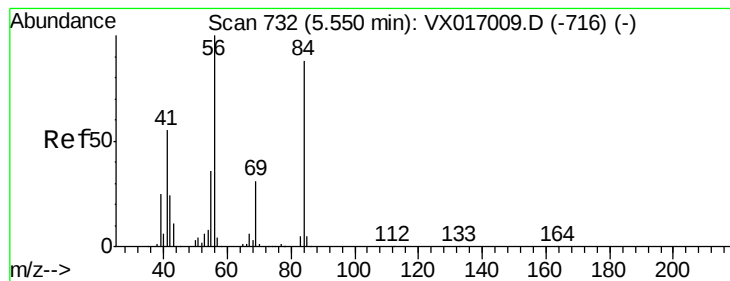
Tot Ion: 42 Resp: 320785
Ion Ratio Lower Upper
42 100
72 44.5 35.3 52.9
71 41.4 33.1 49.7



#30
Chloroform
Concen: 48.317 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion: 83 Resp: 244509
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.2





#31

Cyclohexane

Concen: 47.599 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

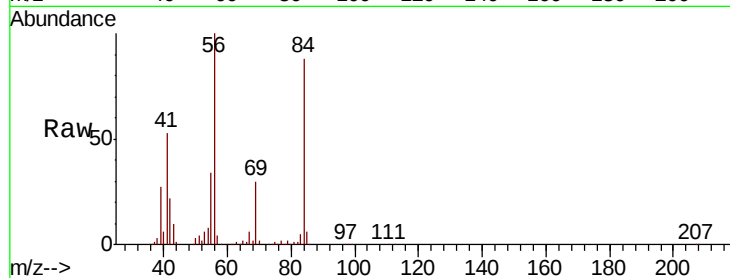
Tot Ion: 56 Resp: 203110

Ion Ratio Lower Upper

56 100

69 30.4 25.0 37.4

84 86.4 69.1 103.7

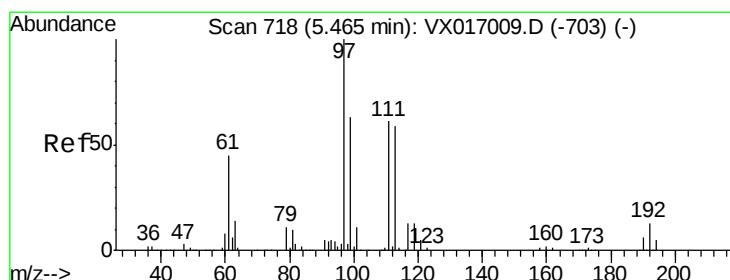
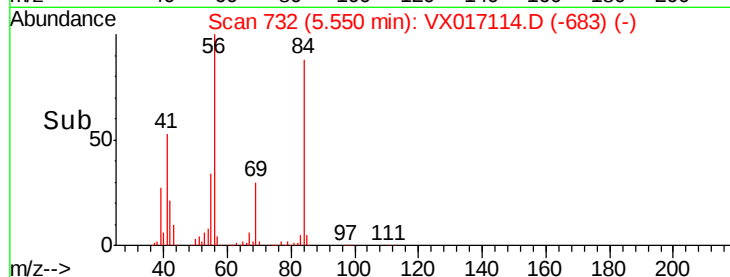
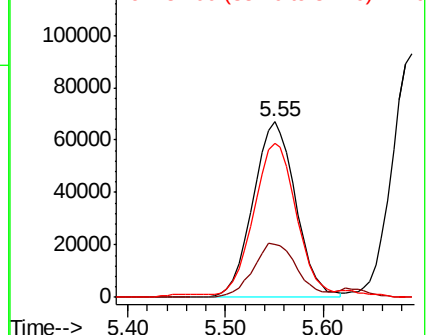


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 47.961 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

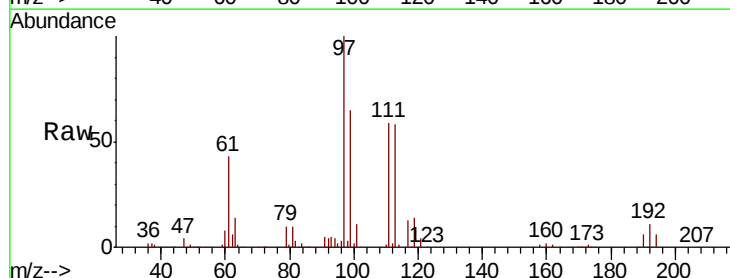
Tgt Ion: 97 Resp: 223521

Ion Ratio Lower Upper

97 100

99 65.6 50.8 76.2

61 42.8 33.7 50.5

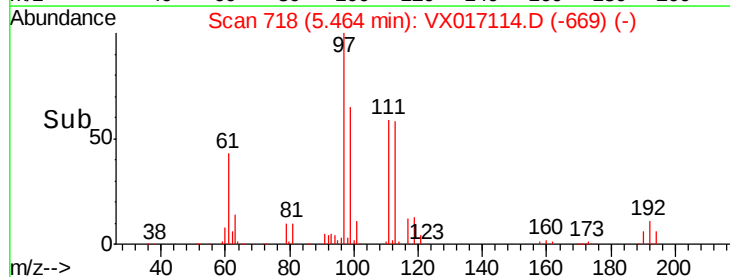
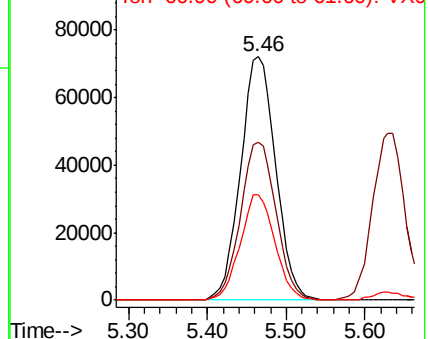


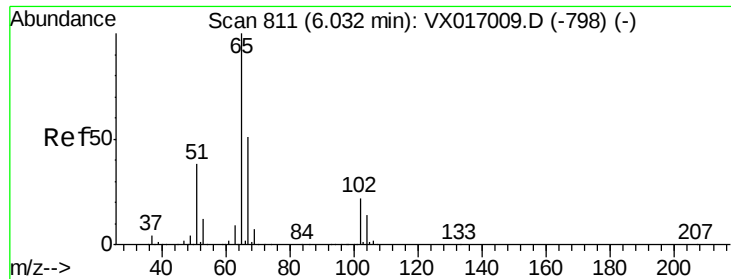
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.917 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

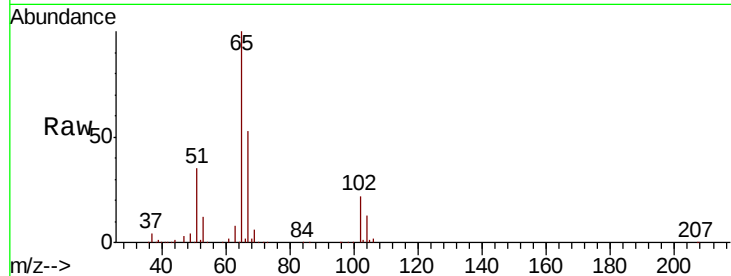
VSTDCCC050

Tot Ion: 65 Resp: 145124

Ion Ratio Lower Upper

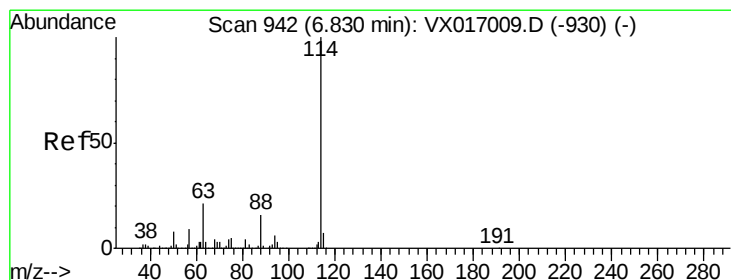
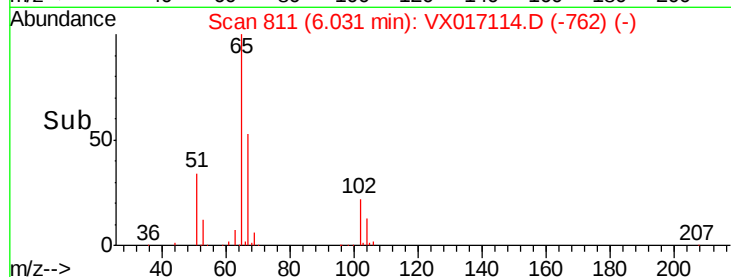
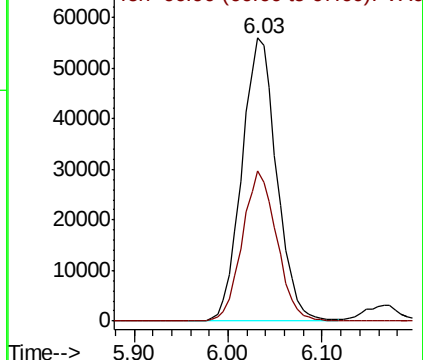
65 100

67 52.5 0.0 103.8



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. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

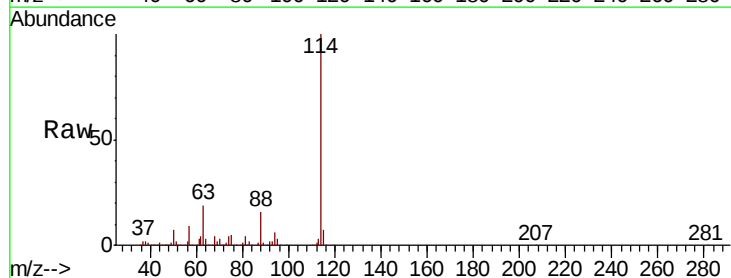
Tgt Ion: 114 Resp: 394202

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.4

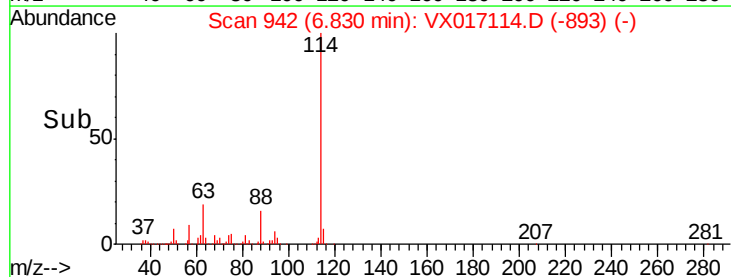
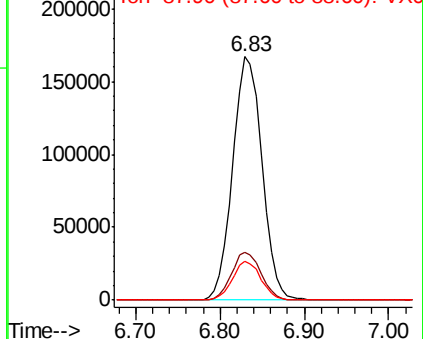
88 15.8 0.0 32.4

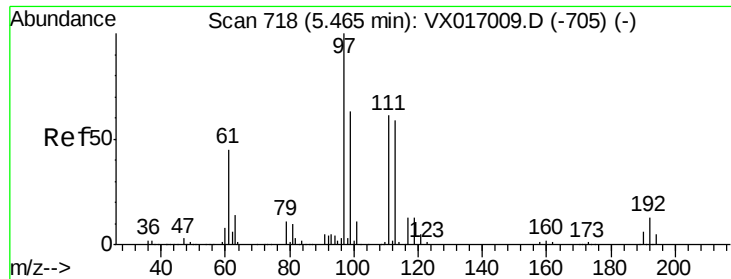


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

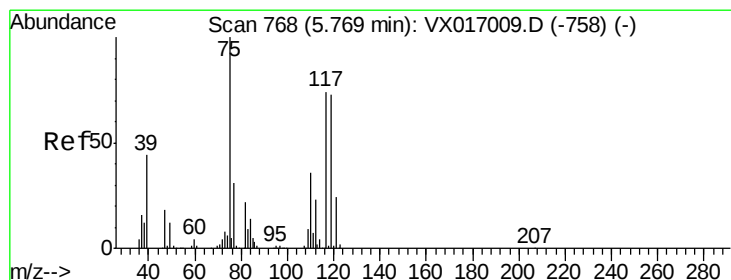
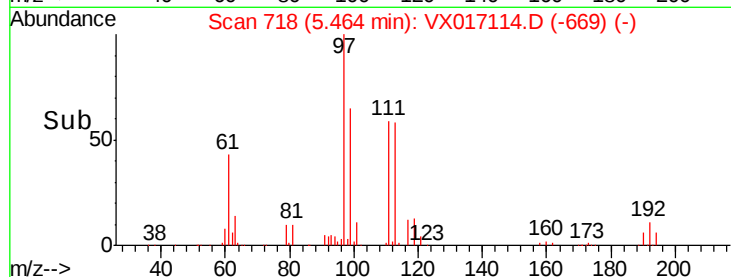
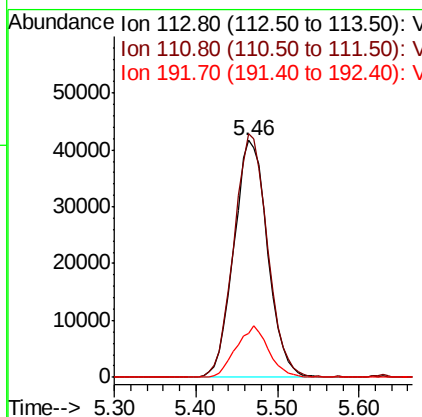
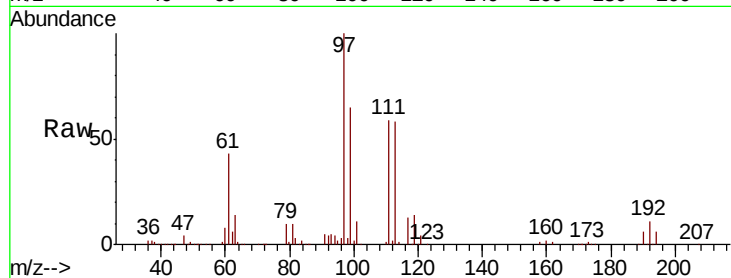




#35
Dibromofluoromethane
Concen: 47.897 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

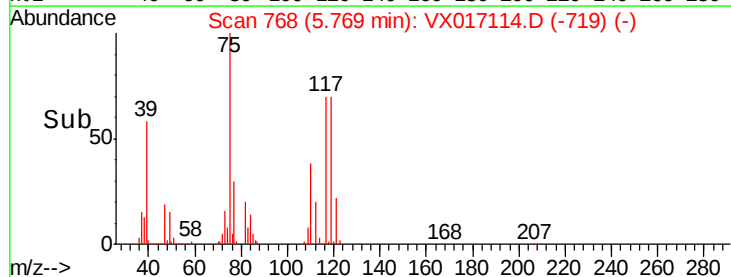
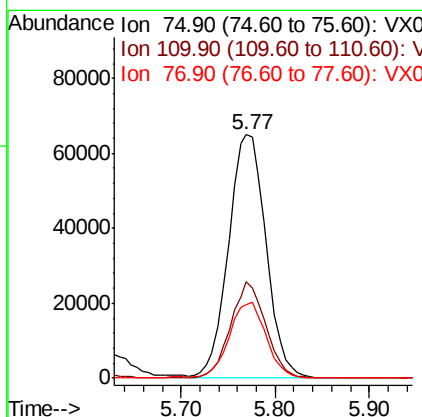
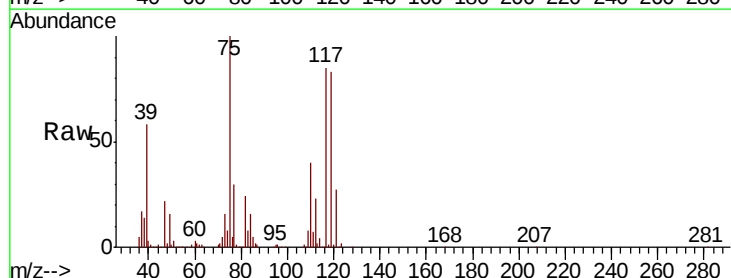
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

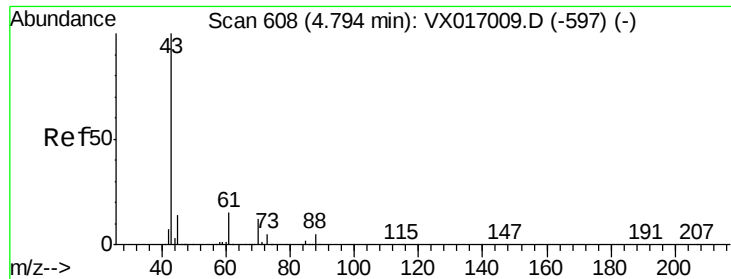
Tot Ion:113 Resp: 119436
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 20.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 48.201 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion: 75 Resp: 179583
Ion Ratio Lower Upper
75 100
110 37.2 18.1 54.1
77 30.7 24.6 37.0

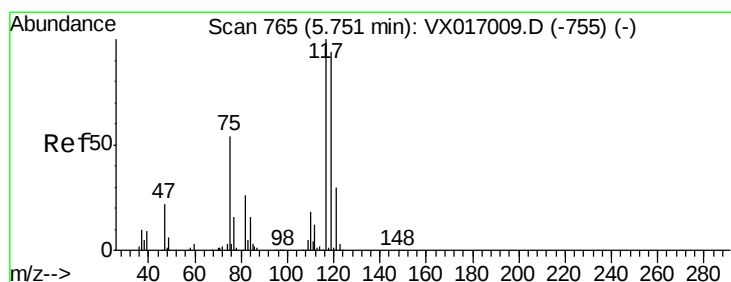
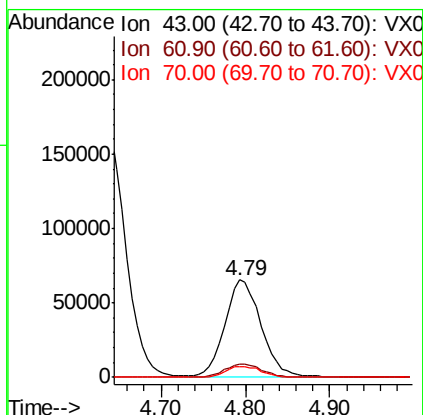
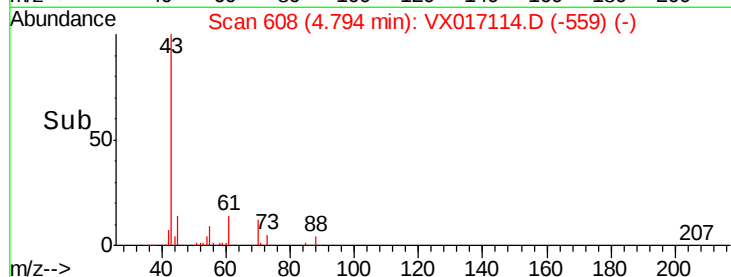
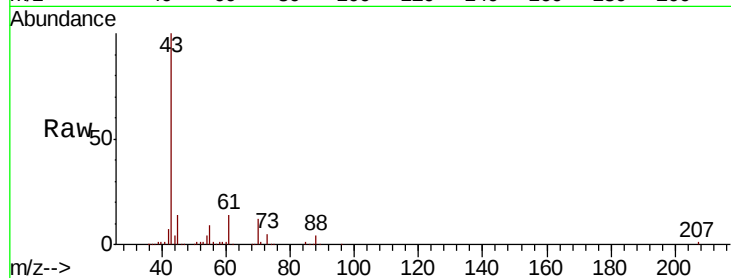




#37
Ethyl Acetate
Concen: 50.132 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

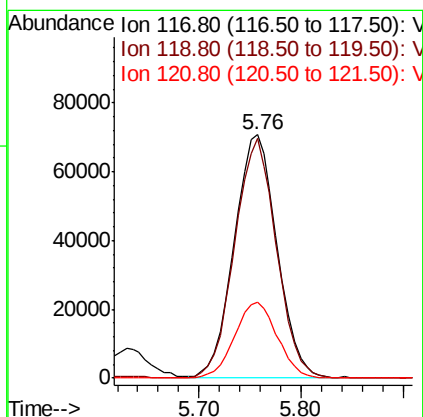
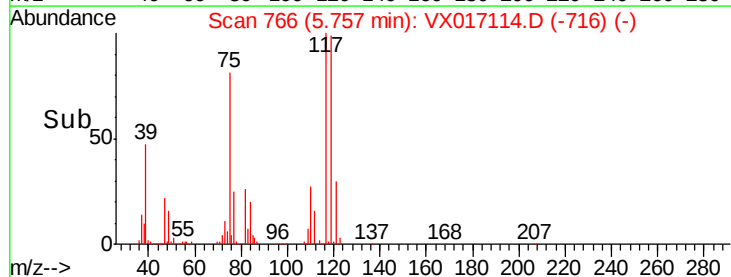
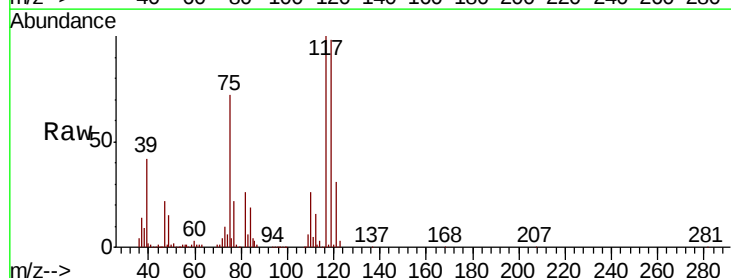
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

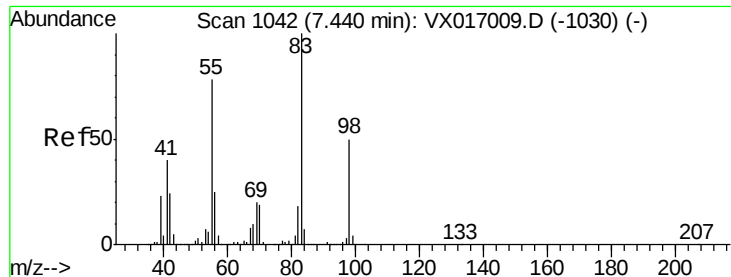
Tot Ion: 43 Resp: 189504
Ion Ratio Lower Upper
43 100
61 14.4 11.0 16.4
70 11.4 8.9 13.3



#38
Carbon Tetrachloride
Concen: 50.033 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion: 117 Resp: 205316
Ion Ratio Lower Upper
117 100
119 98.4 75.4 113.0
121 31.2 23.8 35.6

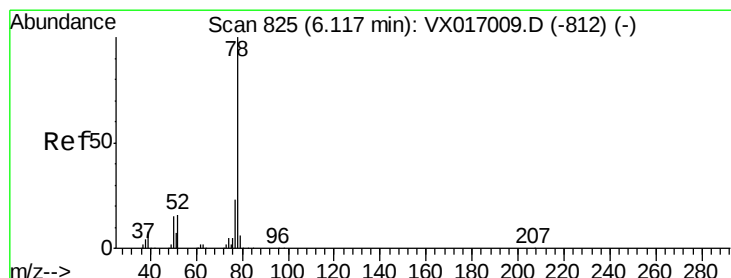
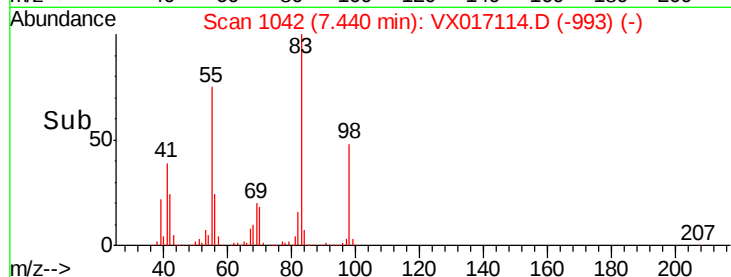
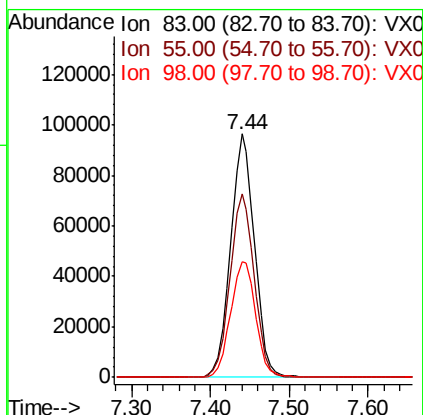
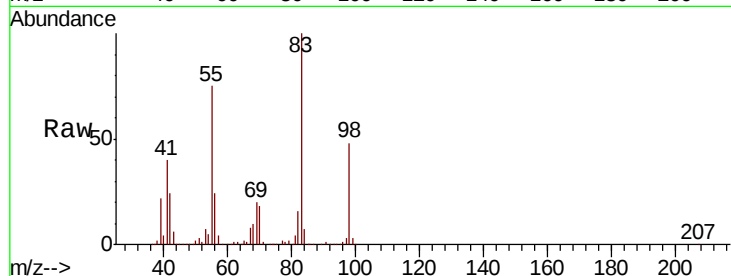




#39
Methvlcvclohexane
Concen: 48.875 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

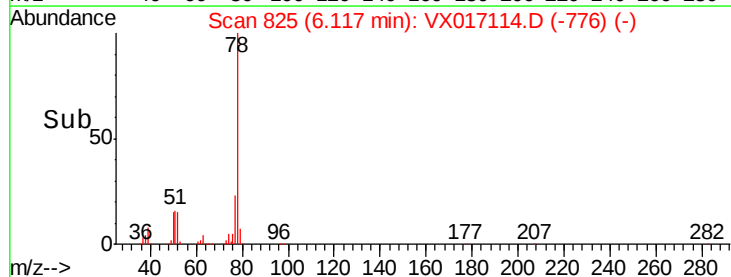
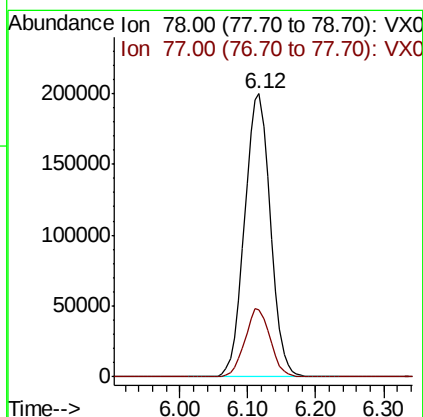
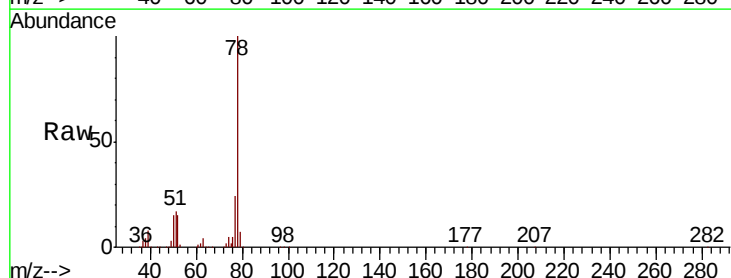
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

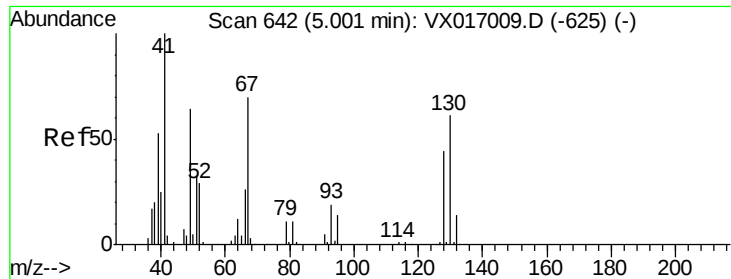
Tot Ion: 83 Resp: 202602
Ion Ratio Lower Upper
83 100
55 75.3 62.5 93.7
98 47.6 40.1 60.1



#40
Benzene
Concen: 48.125 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion: 78 Resp: 526807
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5

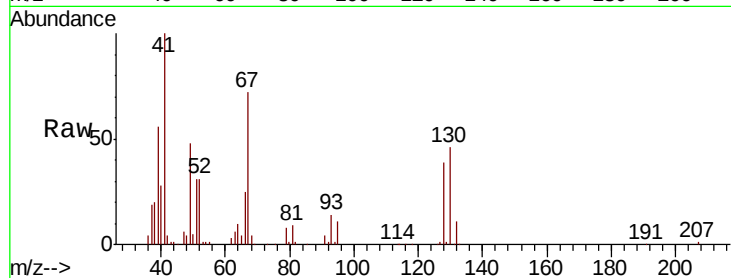




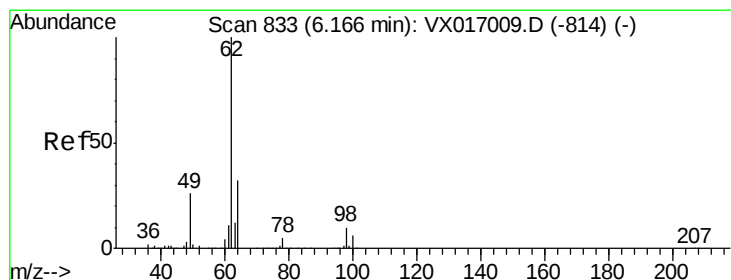
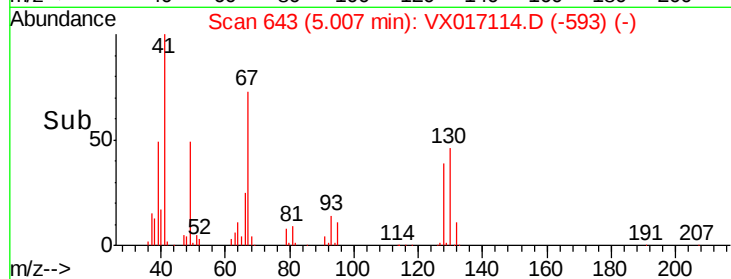
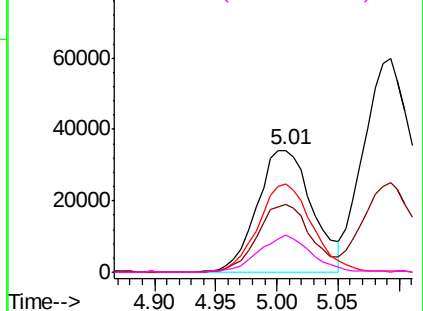
#41
Methacrylonitrile
Concen: 50.379 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	107183
Ion	Ratio	Lower	Upper
41	100		
39	54.7	44.4	66.6
67	71.1	57.1	85.7
52	29.2	23.2	34.8

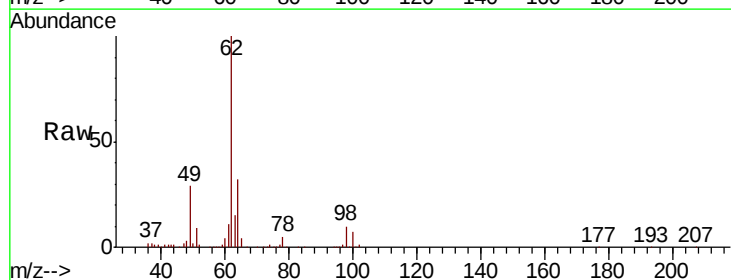


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

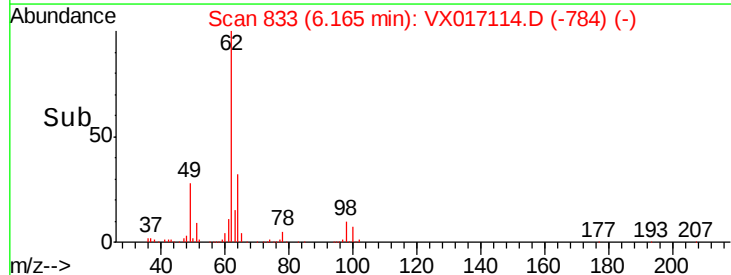
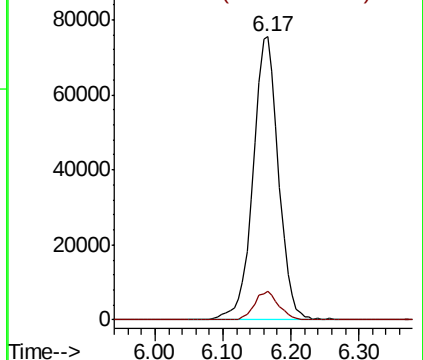


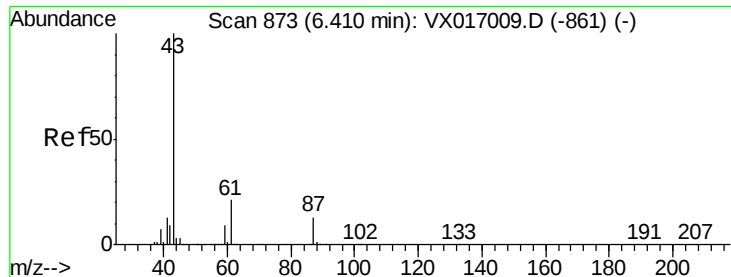
#42
1,2-Dichloroethane
Concen: 49.787 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion:	62	Resp:	196859
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



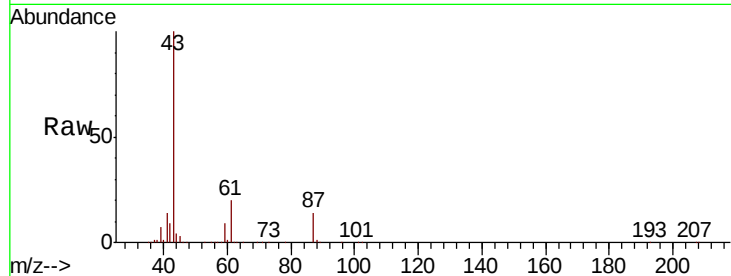


#43

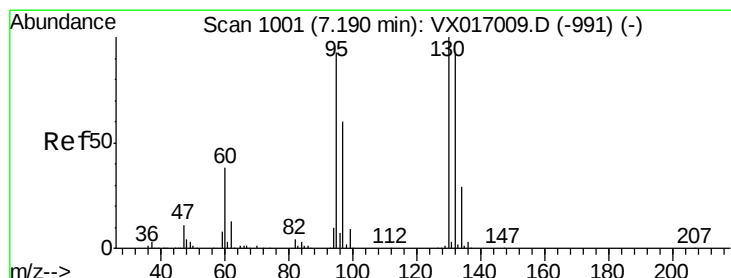
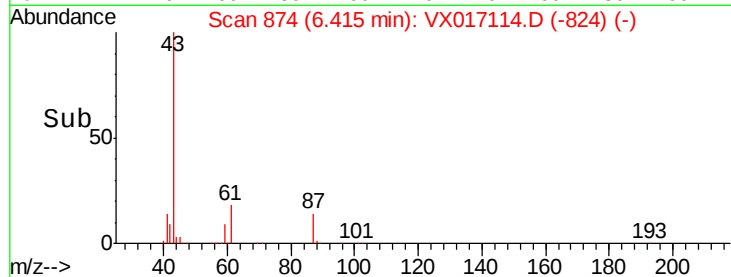
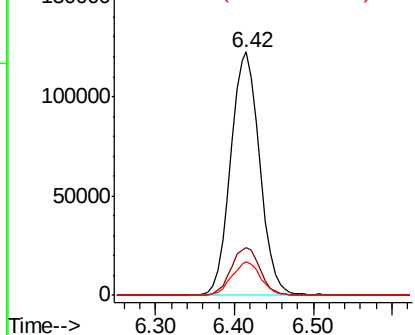
Isopropyl Acetate
 Concen: 49.563 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 311327
 Ion Ratio Lower Upper
 43 100
 61 19.9 16.2 24.2
 87 13.7 10.7 16.1



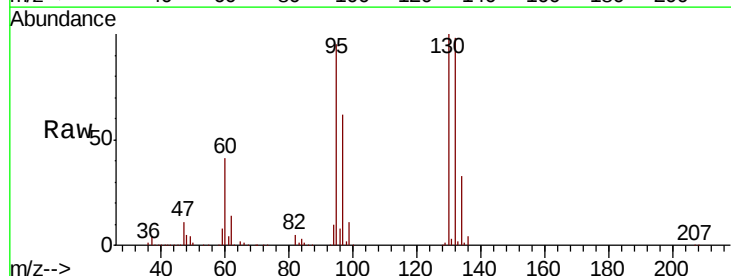
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



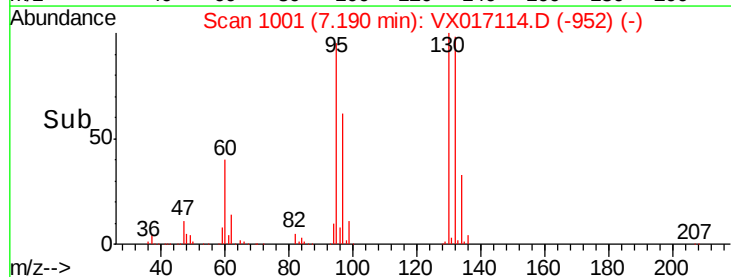
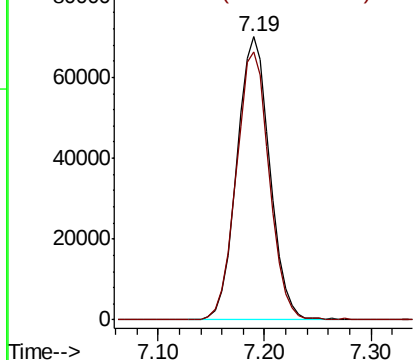
#44

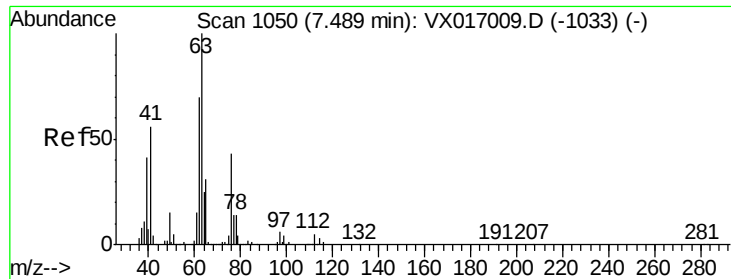
Trichloroethene
 Concen: 50.463 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Tgt Ion: 130 Resp: 152427
 Ion Ratio Lower Upper
 130 100
 95 94.6 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

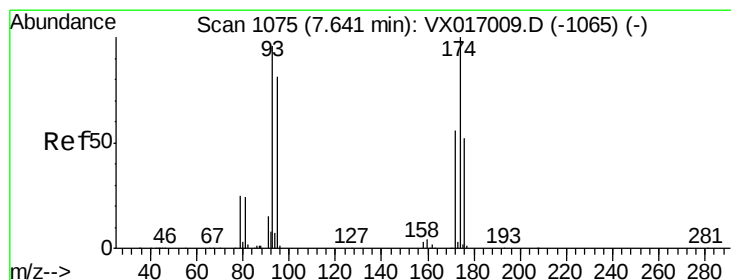
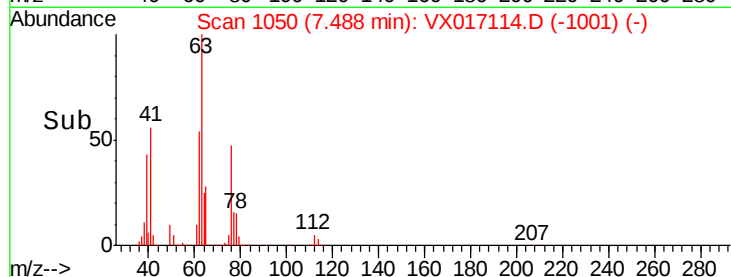
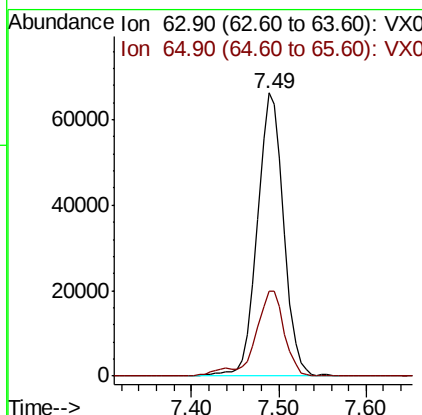
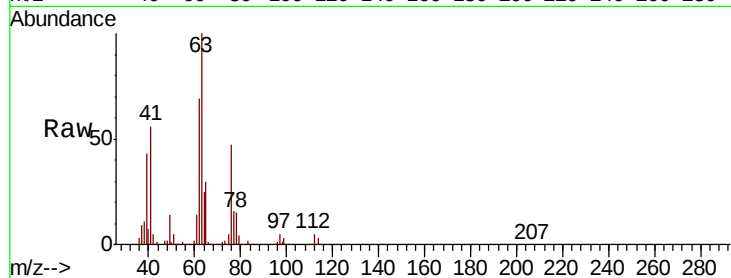




#45
 1,2-Dichloropropane
 Concen: 49.086 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

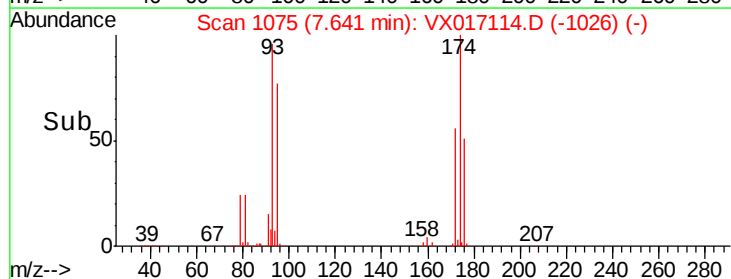
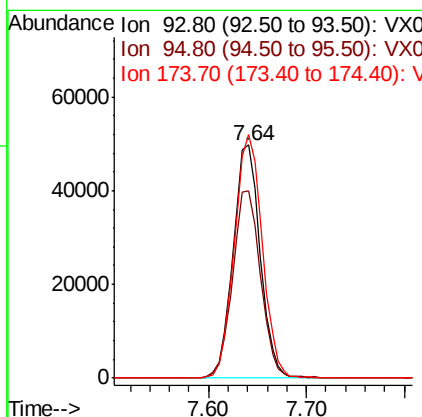
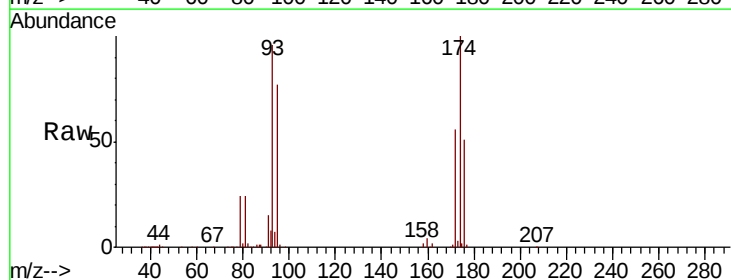
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

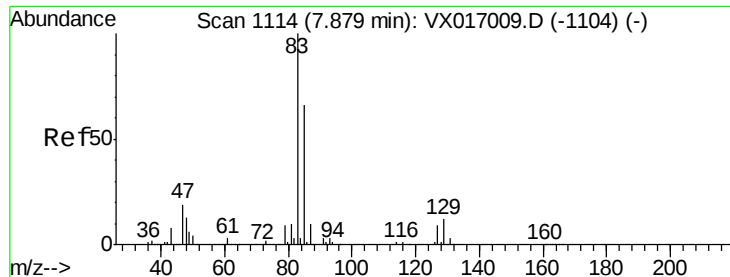
Tot Ion: 63 Resp: 138009
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.6 36.8



#46
 Dibromomethane
 Concen: 49.891 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Tgt Ion: 93 Resp: 95766
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.4 101.0
 174 107.7 84.3 126.5





#47

Bromodichloromethane

Concen: 50.168 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

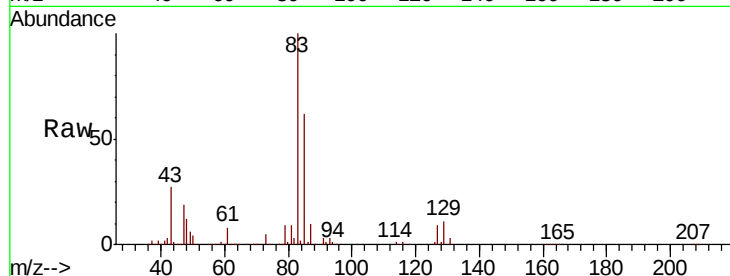
Tot Ion: 83 Resp: 198452

Ion Ratio Lower Upper

83 100

85 61.9 53.0 79.4

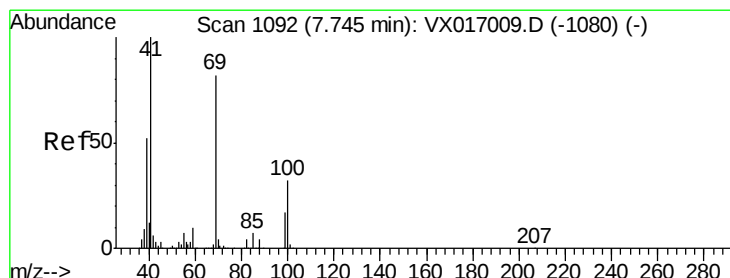
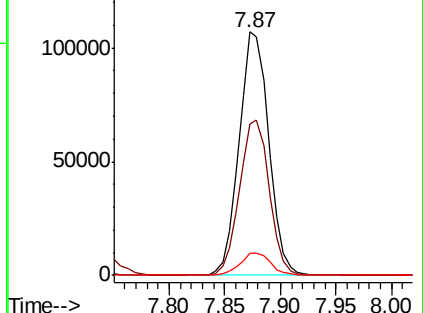
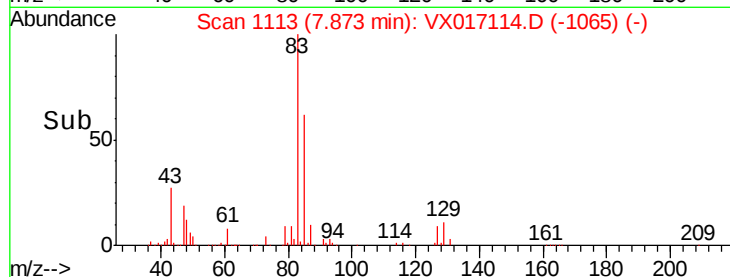
127 9.1 7.5 11.3



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: 52.400 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

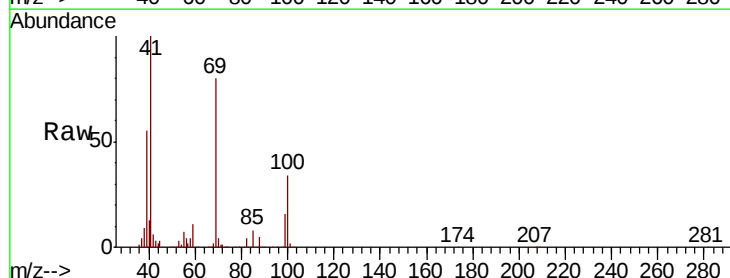
Tgt Ion: 41 Resp: 156376

Ion Ratio Lower Upper

41 100

69 82.1 65.8 98.8

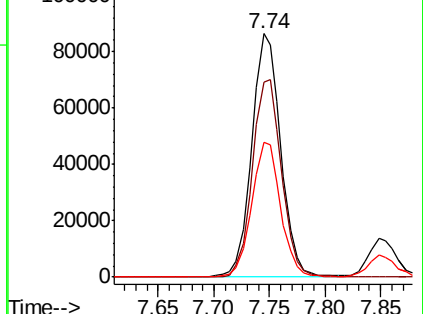
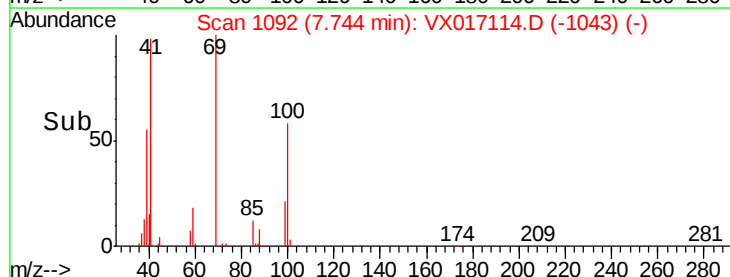
39 55.2 42.5 63.7

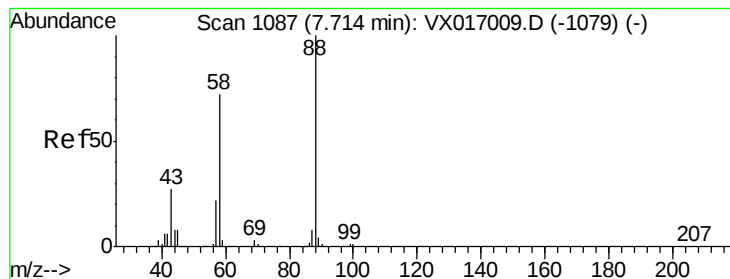


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 966.657 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

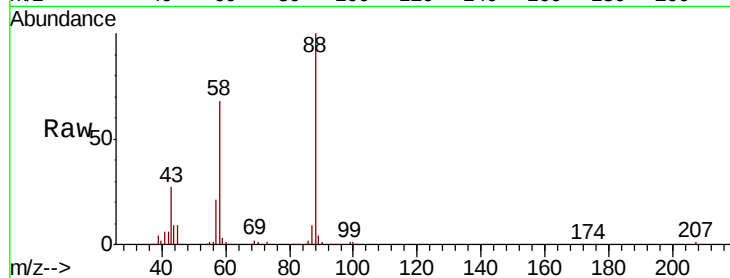
Tot Ion: 88 Resp: 65354

Ion Ratio Lower Upper

88 100

43 32.5 25.8 38.8

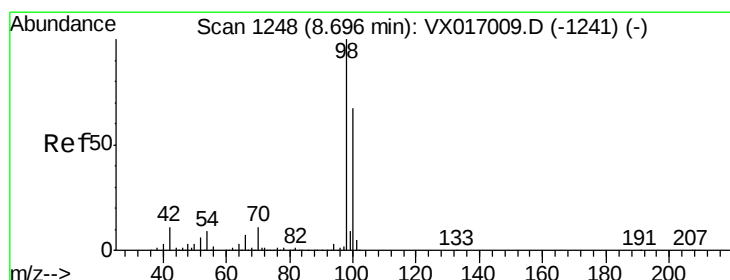
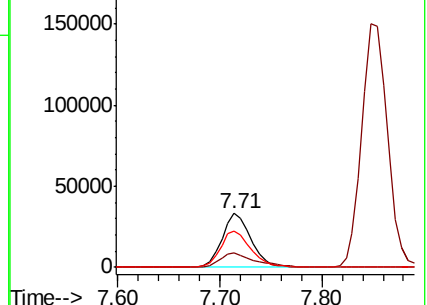
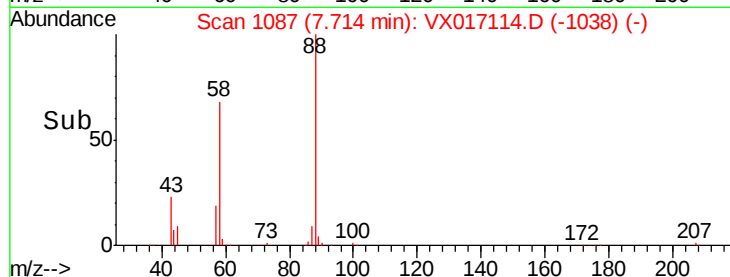
58 71.5 54.8 82.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.047 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017114.D

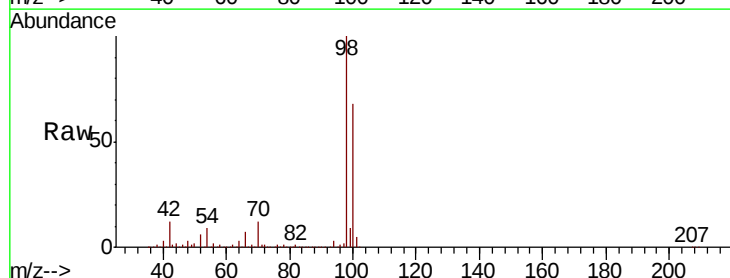
Acq: 01 Jul 2020 21:42

Tgt Ion: 98 Resp: 433815

Ion Ratio Lower Upper

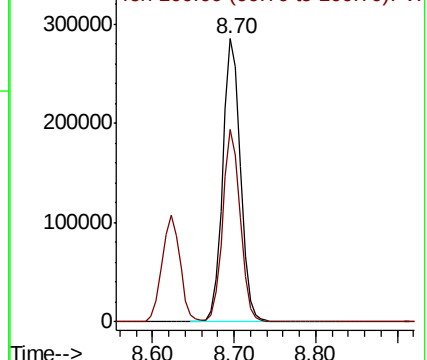
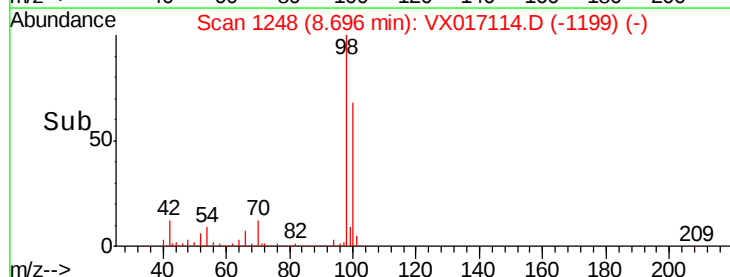
98 100

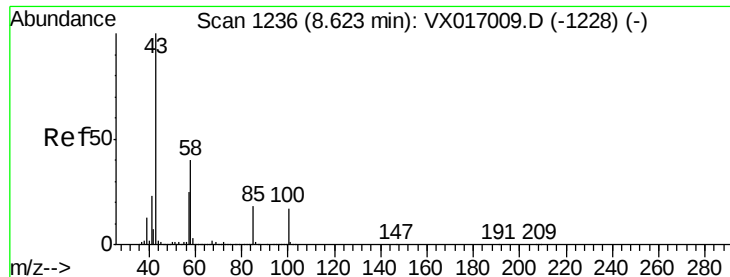
100 67.3 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 259.550 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

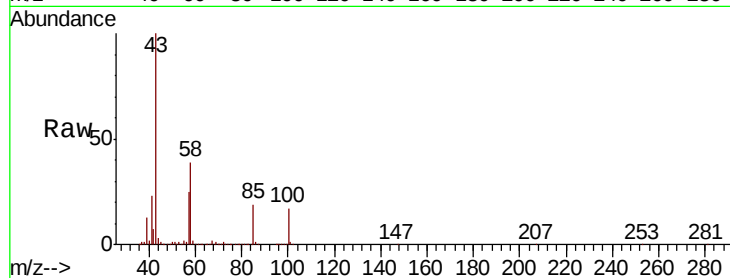
VSTDCCC050

Tot Ion: 43 Resp: 971852

Ion Ratio Lower Upper

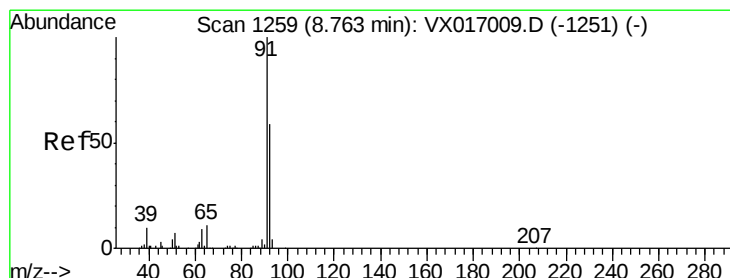
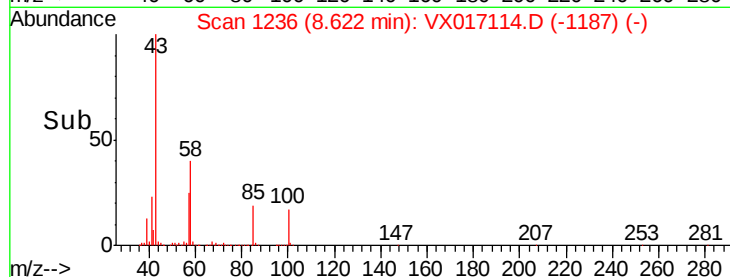
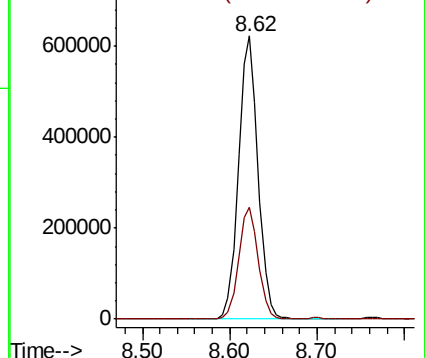
43 100

58 39.5 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.978 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017114.D

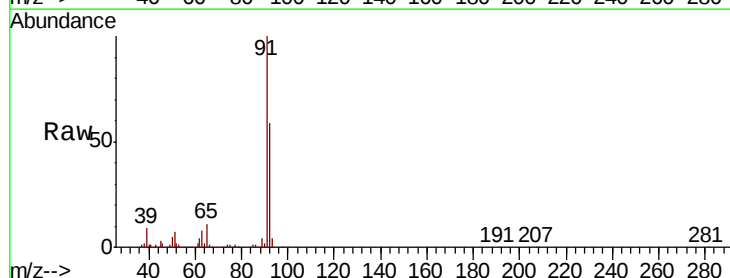
Acq: 01 Jul 2020 21:42

Tgt Ion: 92 Resp: 341578

Ion Ratio Lower Upper

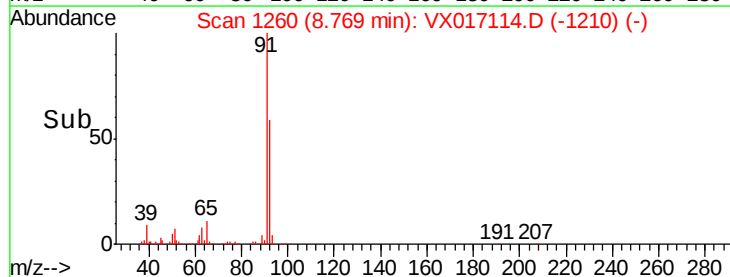
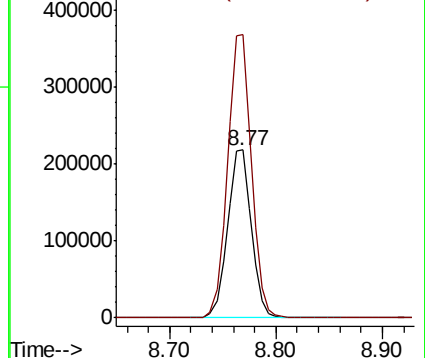
92 100

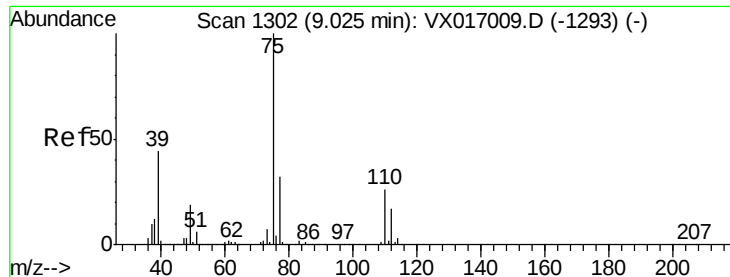
91 169.1 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 49.632 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

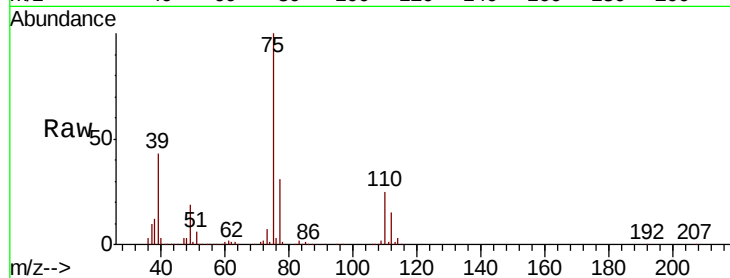
VSTDCCC050

Tot Ion: 75 Resp: 216621

Ion Ratio Lower Upper

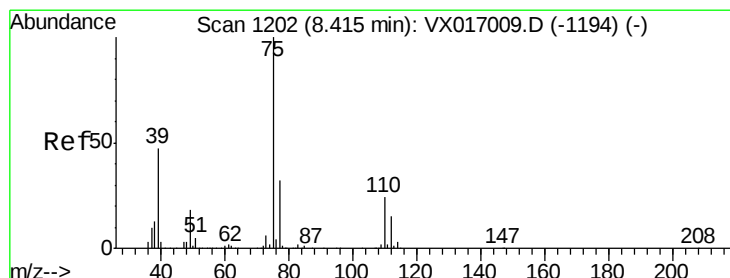
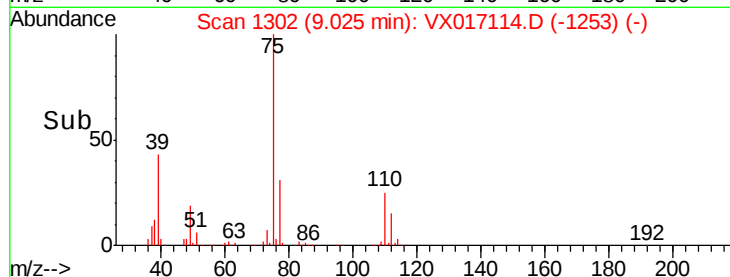
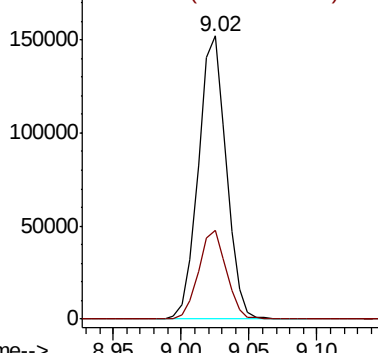
75 100

77 31.3 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 48.866 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

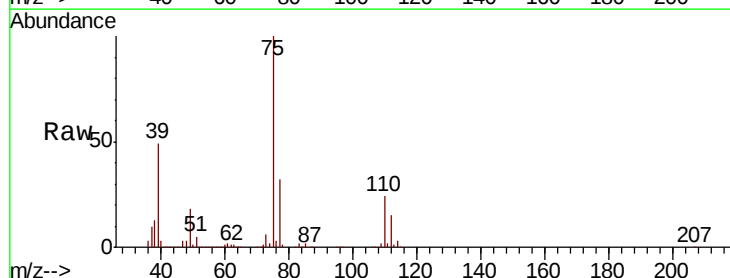
Tgt Ion: 75 Resp: 228632

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

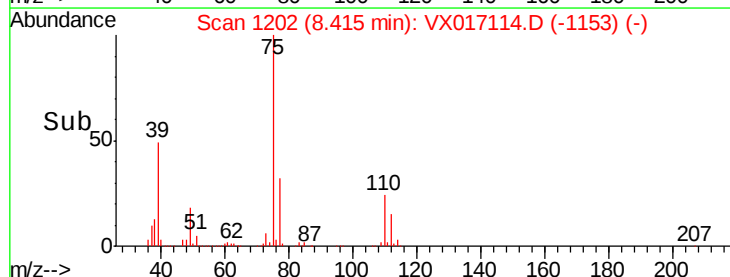
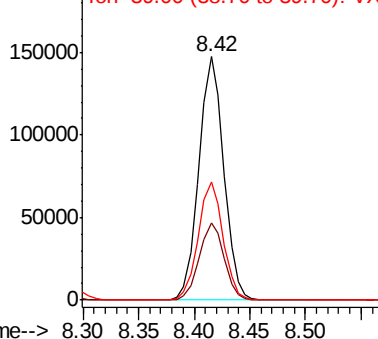
39 48.6 37.4 56.2

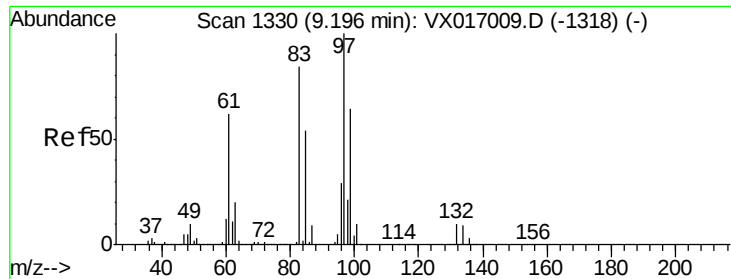


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 49.791 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 139035

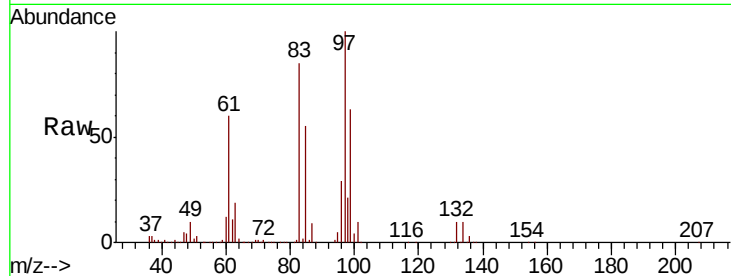
Ion Ratio Lower Upper

97 100

83 84.6 67.0 100.6

85 55.2 43.5 65.3

99 63.4 51.0 76.6

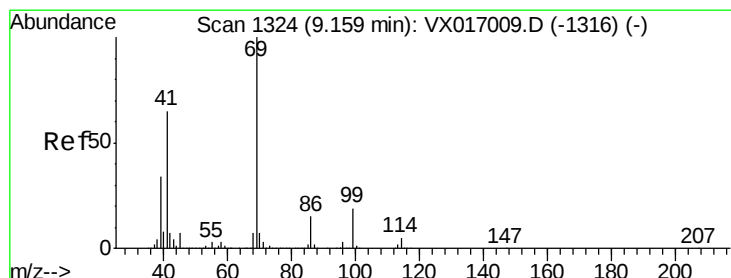
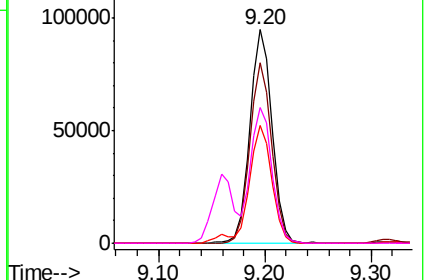
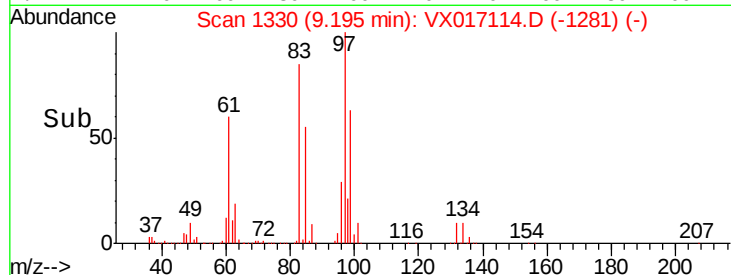


Abundance Ion 96.90 (96.60 to 97.60): VX0

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



#56

Ethyl methacrylate

Concen: 52.888 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

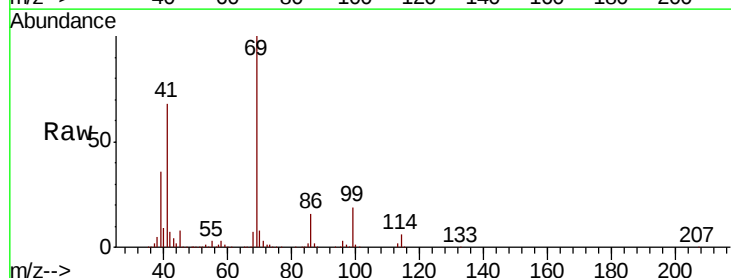
Tgt Ion: 69 Resp: 210203

Ion Ratio Lower Upper

69 100

41 66.8 53.6 80.4

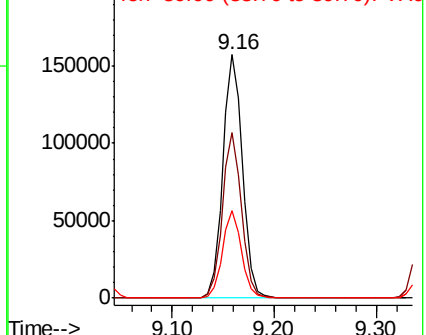
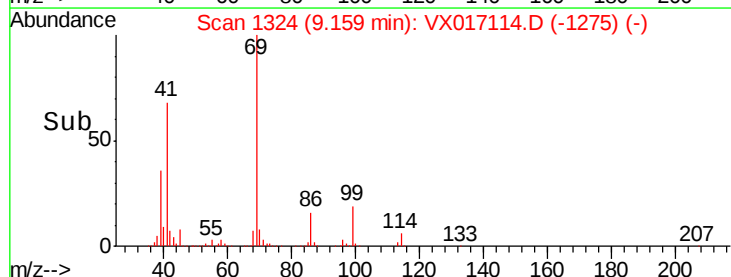
39 35.1 28.2 42.2

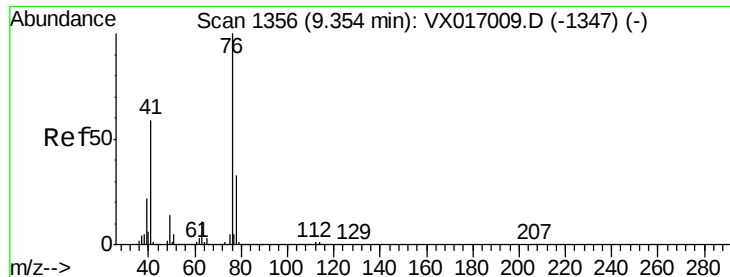


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.349 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

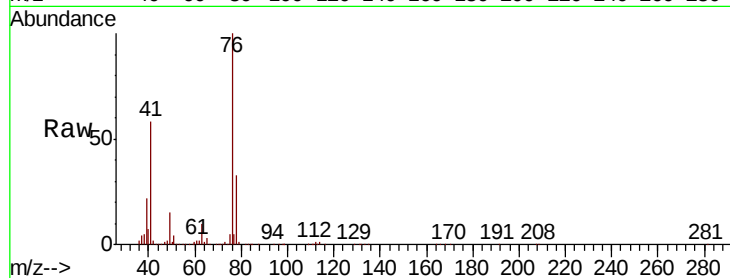
VSTDCCC050

Tot Ion: 76 Resp: 233173

Ion Ratio Lower Upper

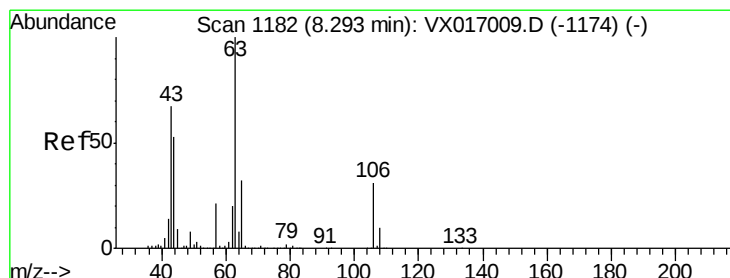
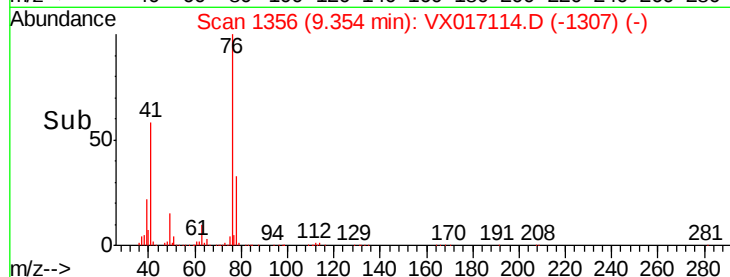
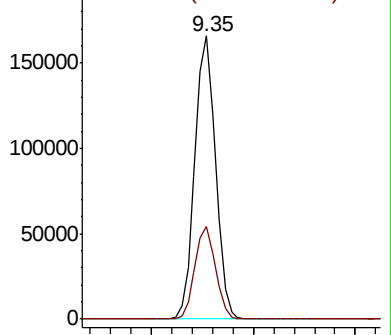
76 100

78 32.7 25.9 38.9



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: 265.870 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017114.D

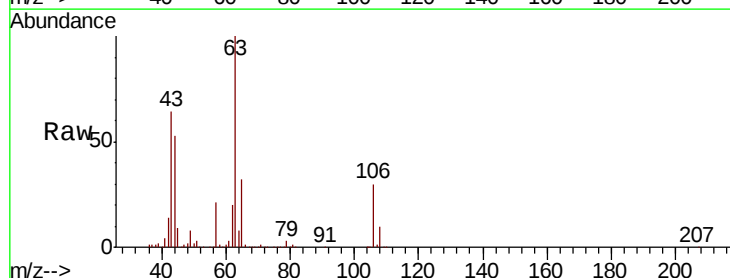
Acq: 01 Jul 2020 21:42

Tgt Ion: 63 Resp: 525905

Ion Ratio Lower Upper

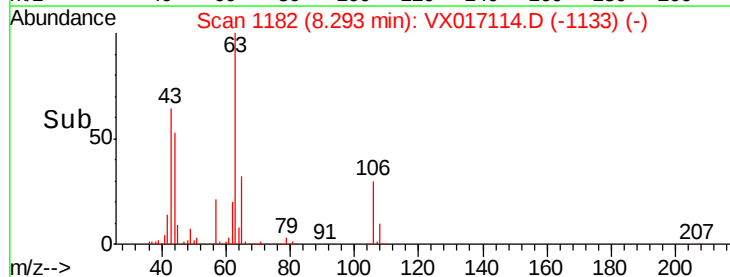
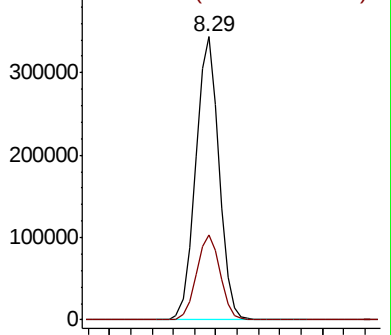
63 100

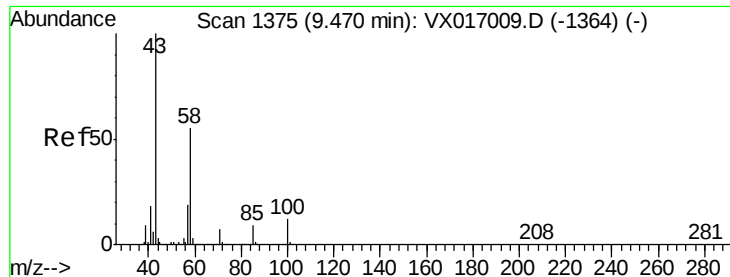
106 30.4 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

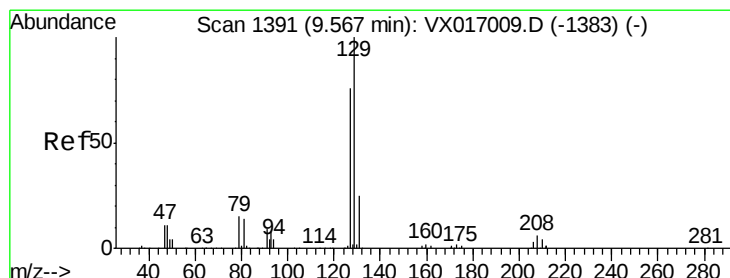
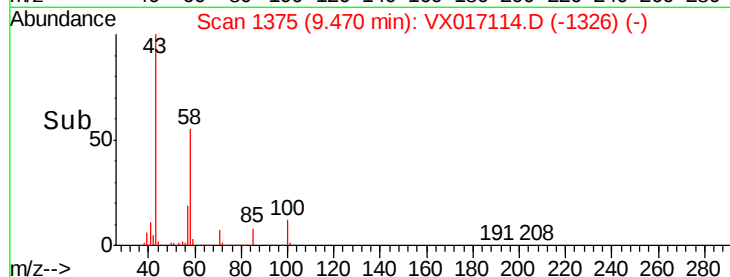
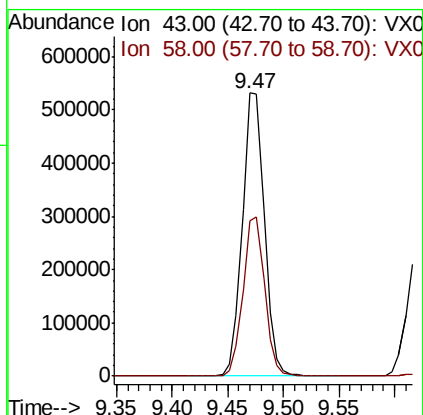
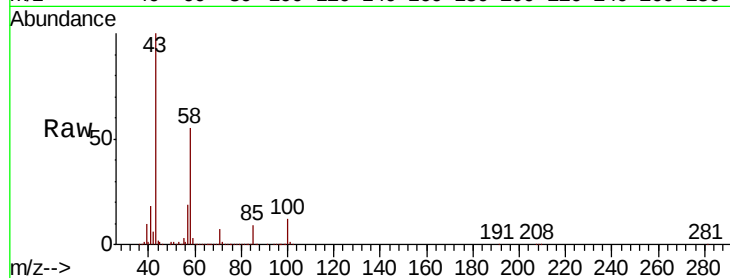




#59
2-Hexanone
Concen: 267.681 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

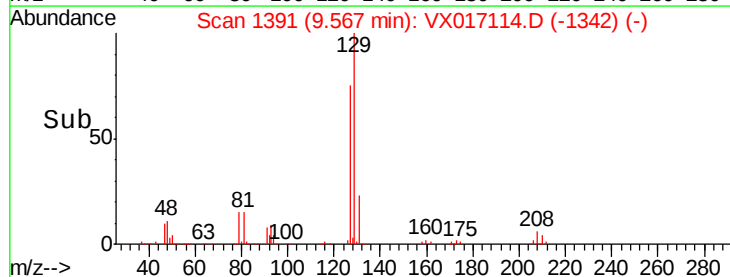
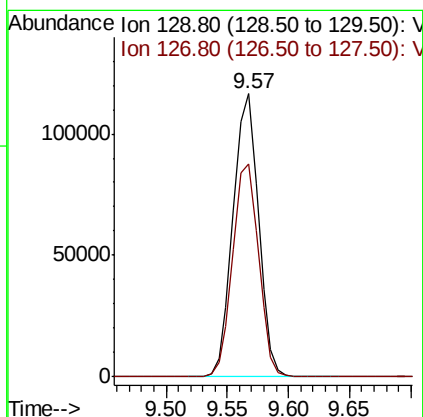
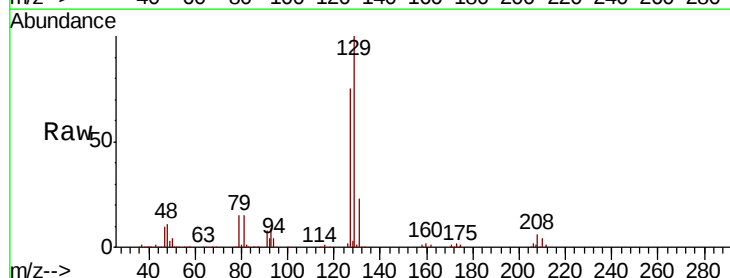
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

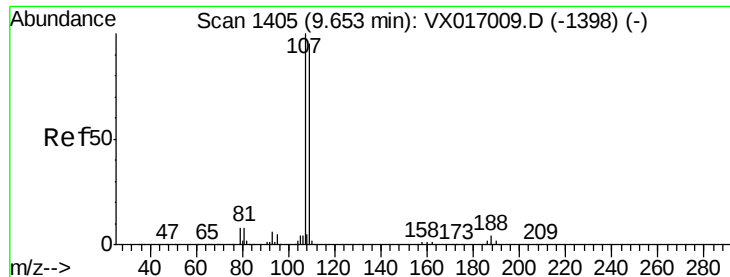
Tot Ion: 43 Resp: 732011
Ion Ratio Lower Upper
43 100
58 55.4 27.9 83.6



#60
Dibromochloromethane
Concen: 51.764 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion: 129 Resp: 167882
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.431 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

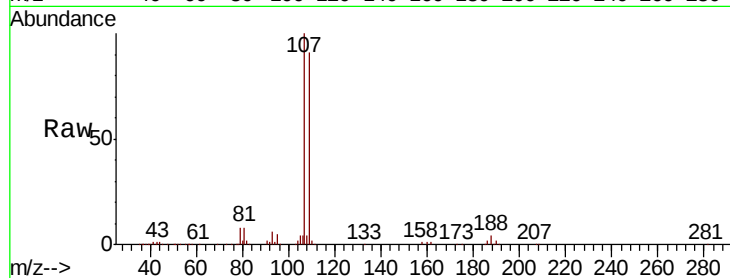
VSTDCCC050

Tot Ion:107 Resp: 151370

Ion Ratio Lower Upper

107 100

109 92.4 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

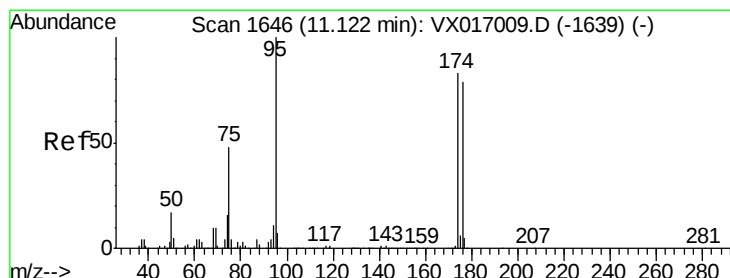
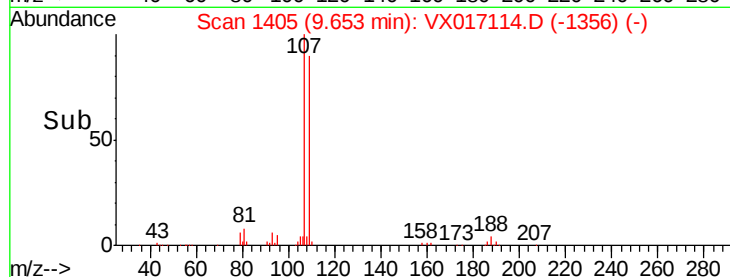
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.730 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

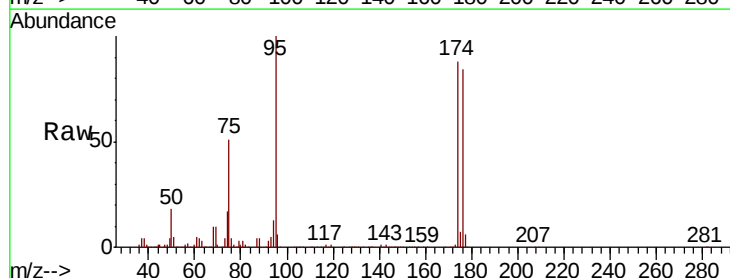
Tgt Ion: 95 Resp: 172046

Ion Ratio Lower Upper

95 100

174 85.7 0.0 164.0

176 81.8 0.0 157.6



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

11.12

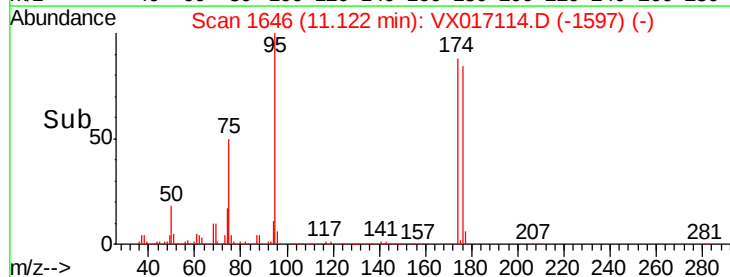
150000

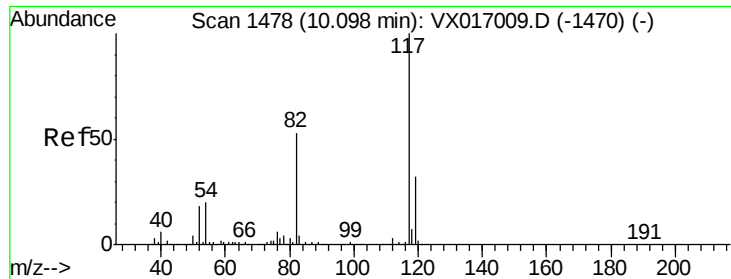
100000

50000

0

Time--> 11.10 11.20

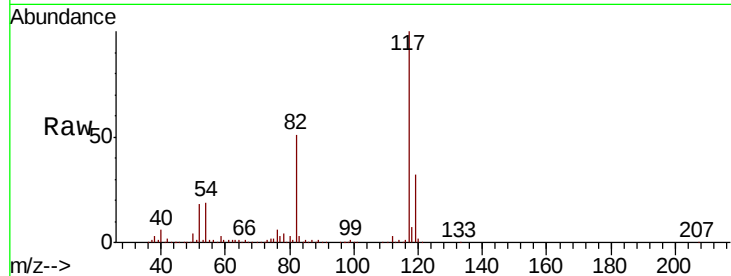




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.6	63.8
119	32.1	25.4	38.2

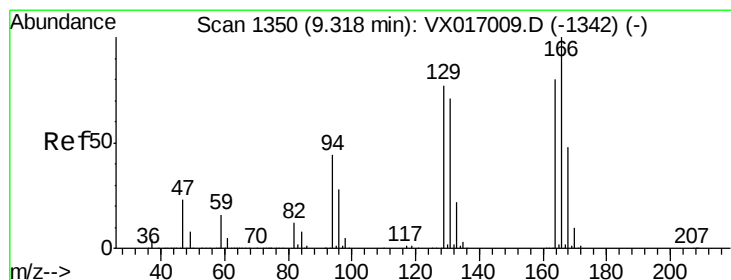
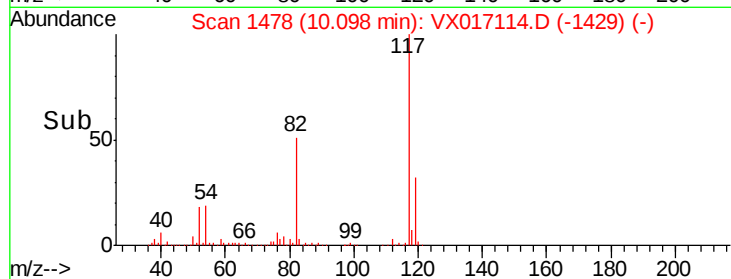
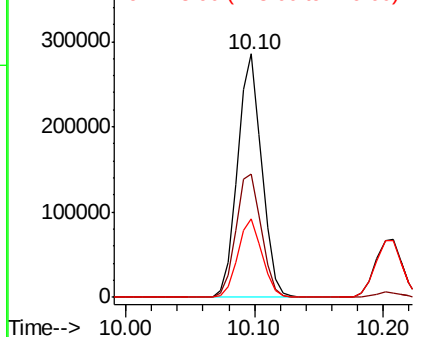


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 47.778 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	99.4	149.0
129	95.4	76.3	114.5
131	90.9	70.6	105.8

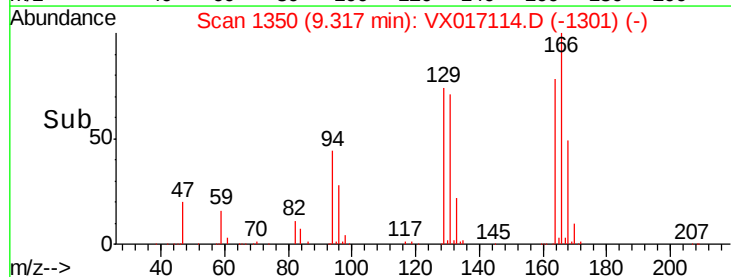
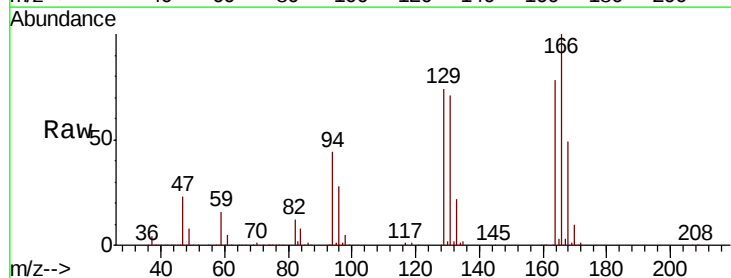
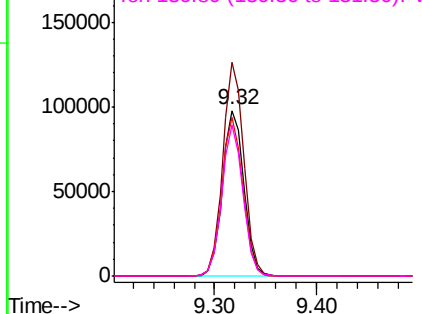
Abundance

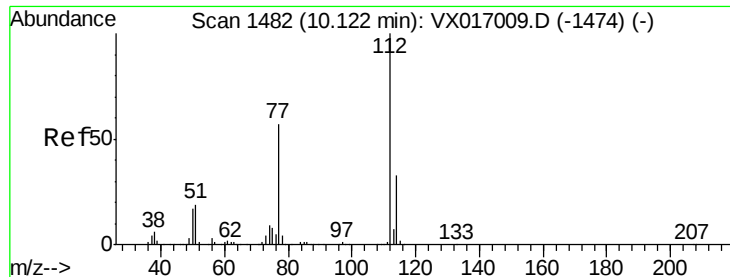
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

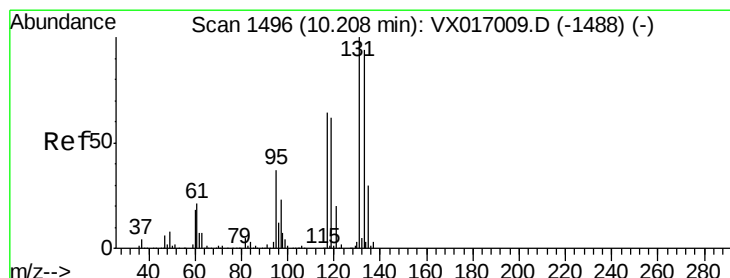
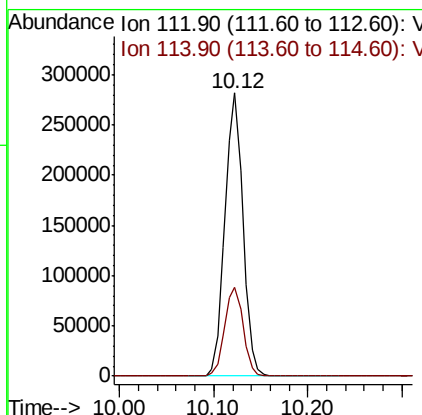
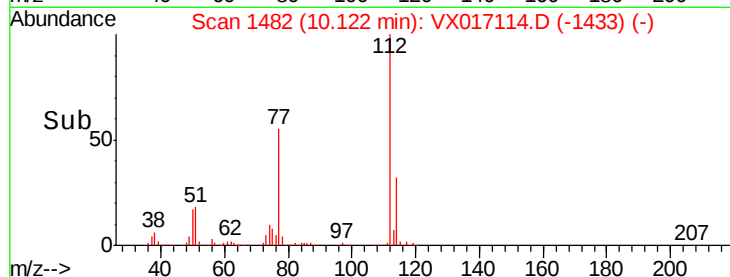
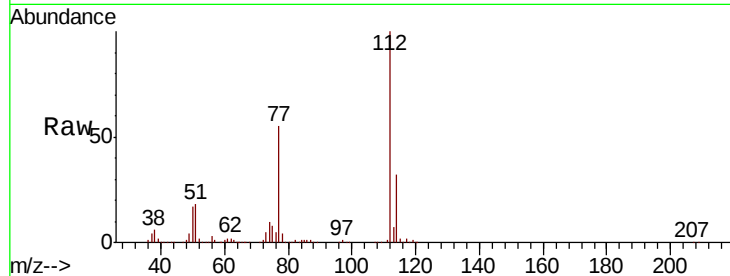




#65
Chlorobenzene
Concen: 48.937 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

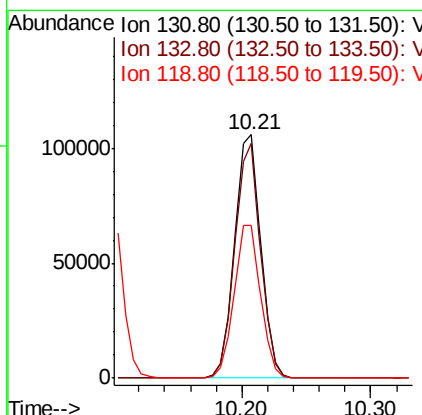
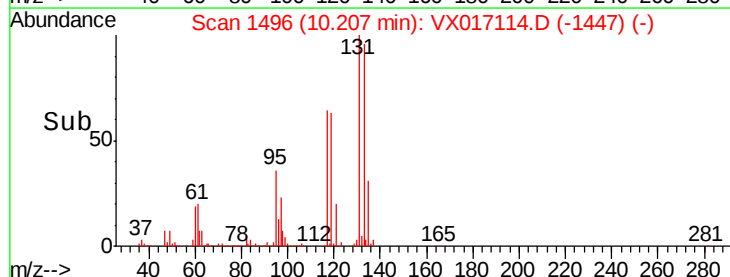
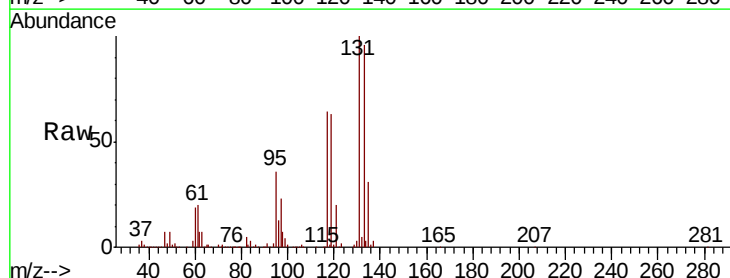
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

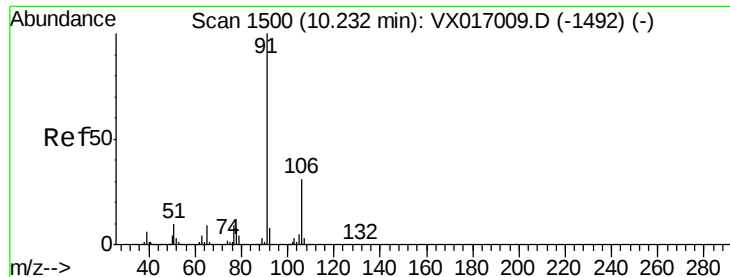
Tot Ion:112 Resp: 375309
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.613 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion:131 Resp: 149594
Ion Ratio Lower Upper
131 100
133 95.2 47.3 141.9
119 63.8 31.9 95.5

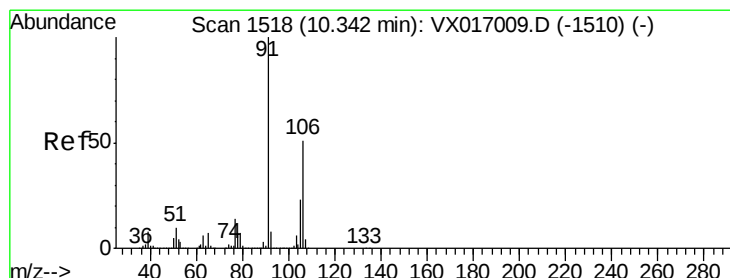
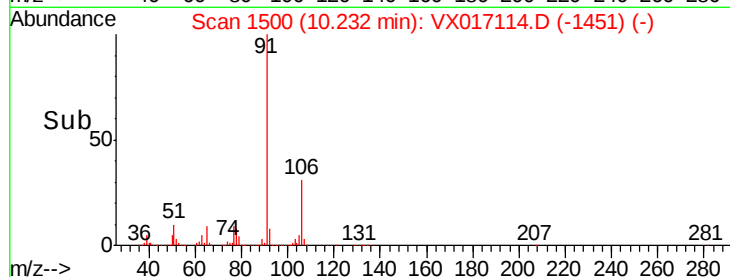
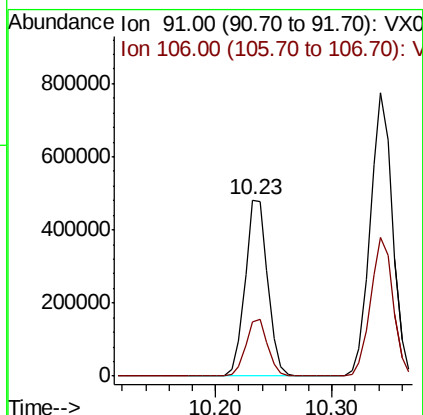
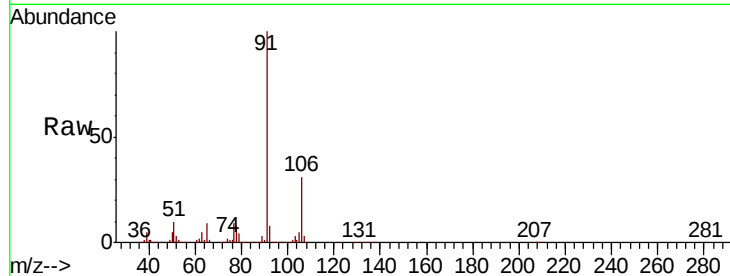




#67
Ethyl Benzene
Concen: 50.890 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

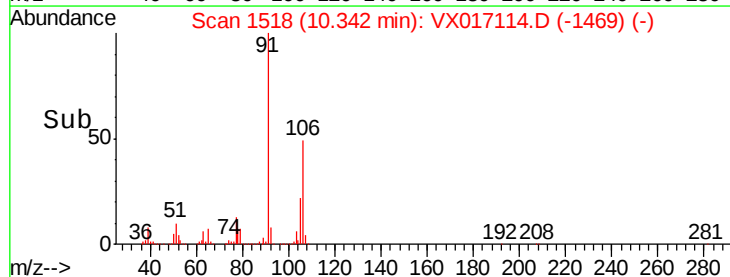
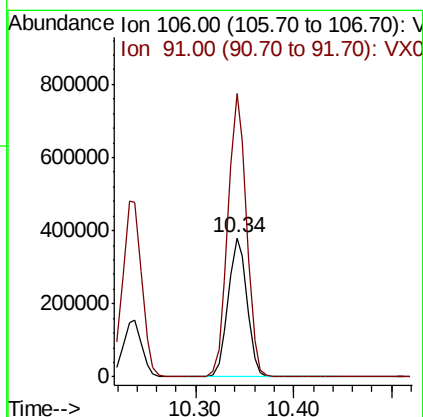
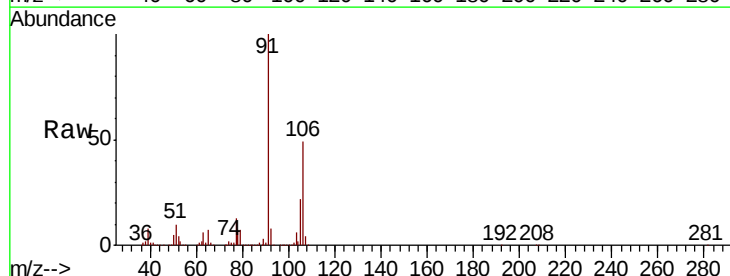
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

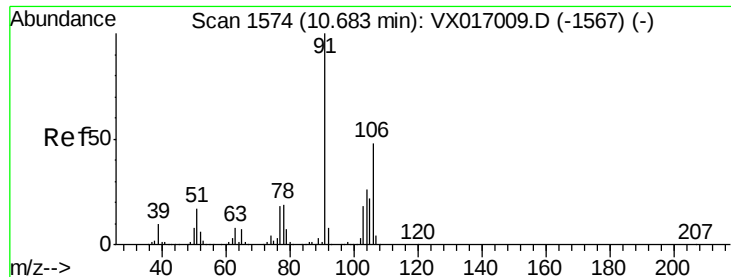
Tot Ion: 91 Resp: 651796
Ion Ratio Lower Upper
91 100
106 30.8 24.7 37.1



#68
m/p-Xylenes
Concen: 103.519 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion: 106 Resp: 509086
Ion Ratio Lower Upper
106 100
91 201.6 158.6 238.0

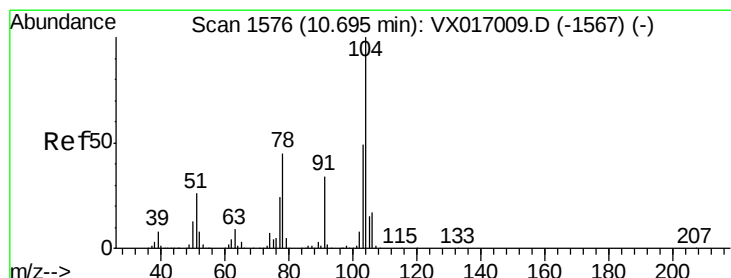
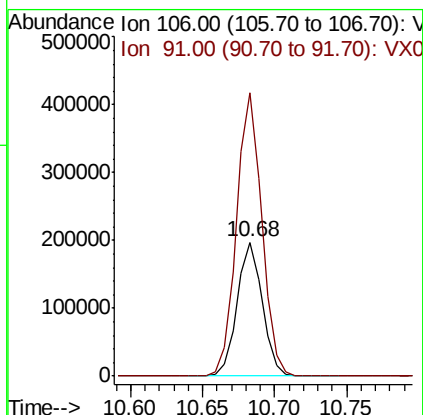
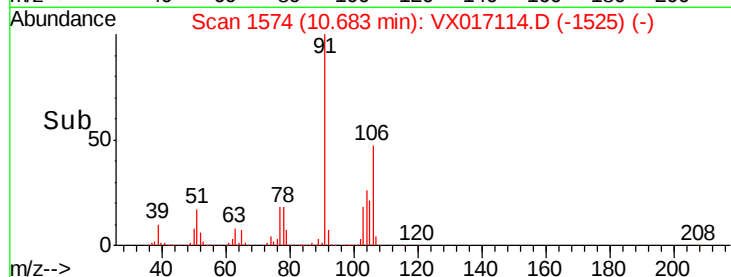
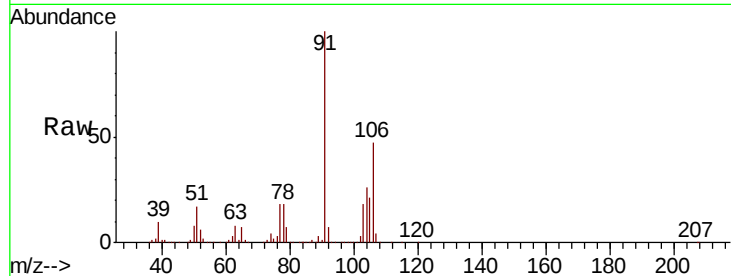




#69
o-Xylene
Concen: 51.567 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

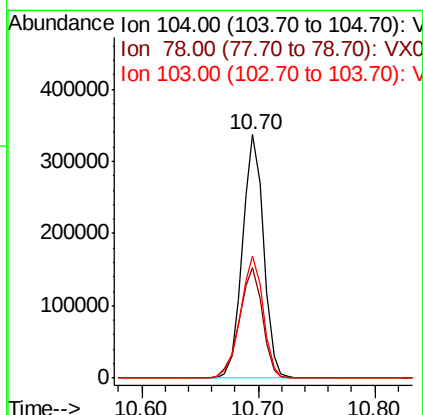
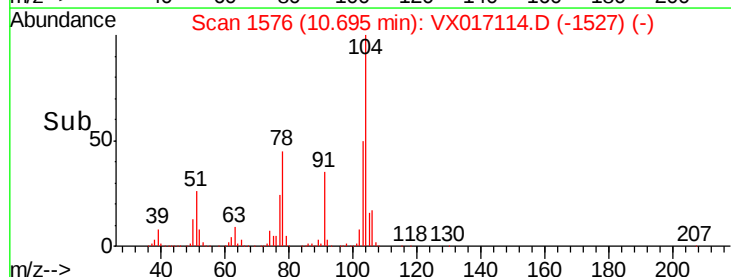
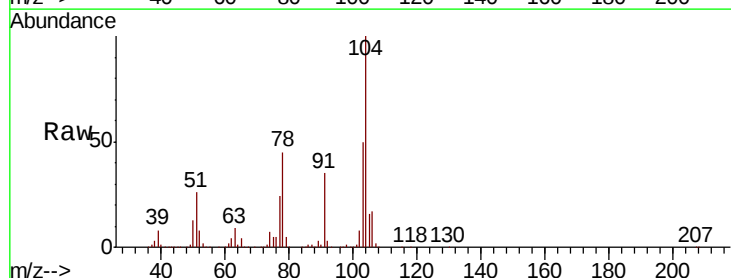
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

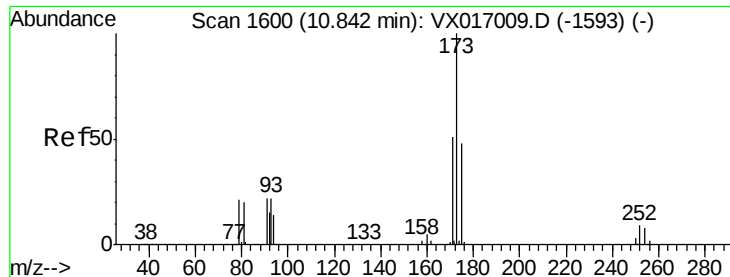
Tot Ion:106 Resp: 241244
Ion Ratio Lower Upper
106 100
91 212.7 105.6 316.7



#70
Styrene
Concen: 53.695 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion:104 Resp: 427767
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 54.2 43.0 64.6





#71

Bromoform

Concen: 55.102 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

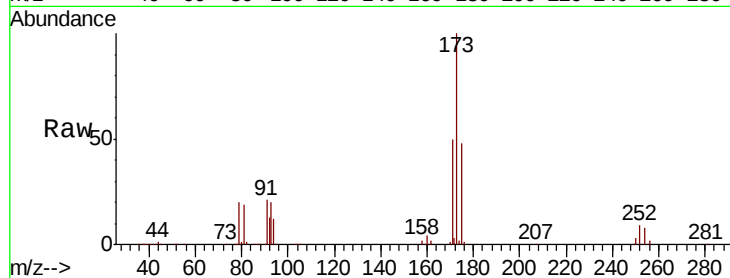
Tot Ion:173 Resp: 129148

Ion Ratio Lower Upper

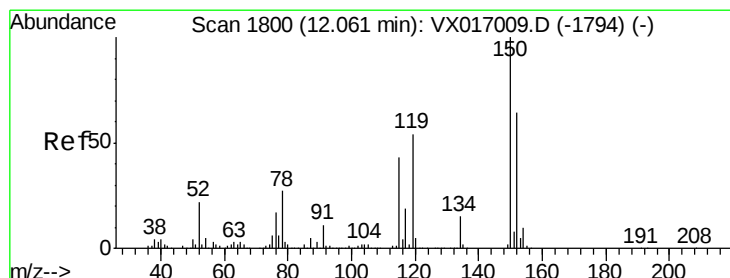
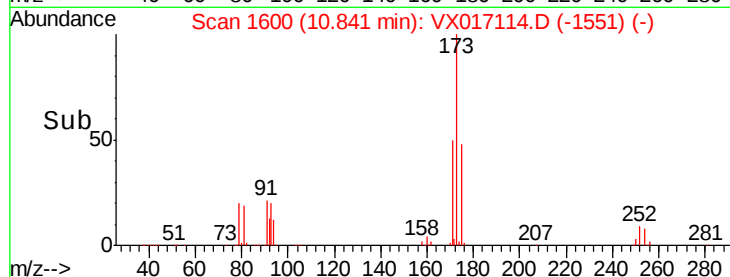
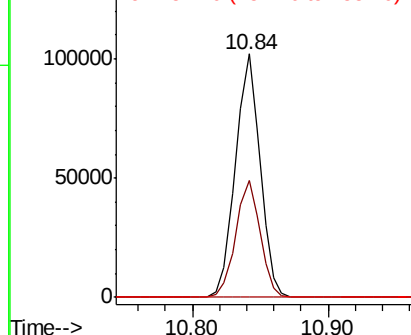
173 100

175 47.6 24.5 73.5

254 0.1 0.1 0.1#



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: VX017114.D

Acq: 01 Jul 2020 21:42

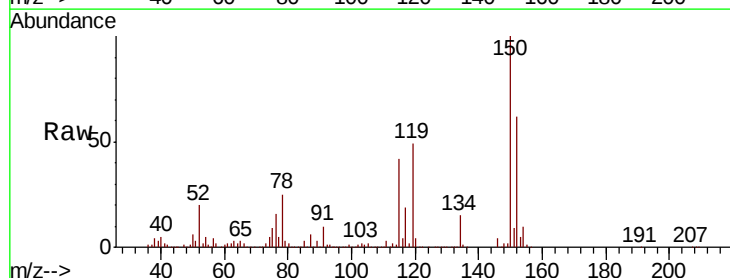
Tgt Ion:152 Resp: 196292

Ion Ratio Lower Upper

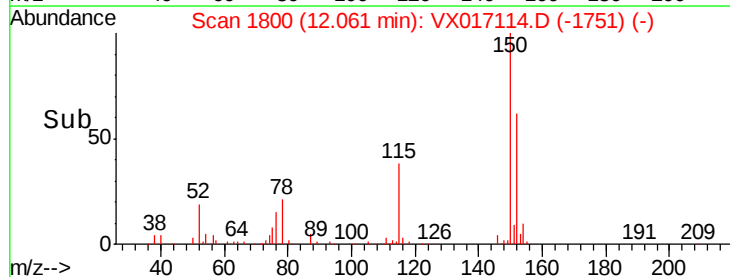
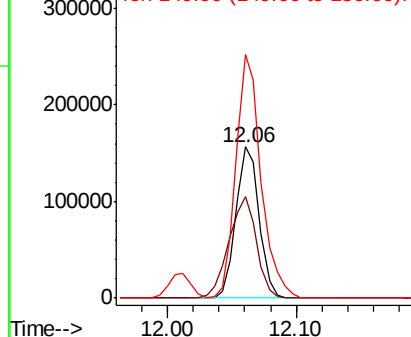
152 100

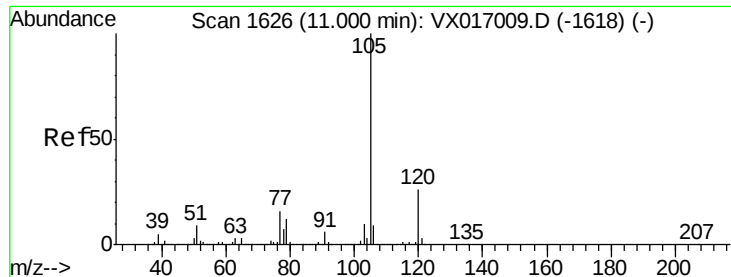
115 80.2 40.9 122.7

150 175.1 0.0 351.6



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: 50.903 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

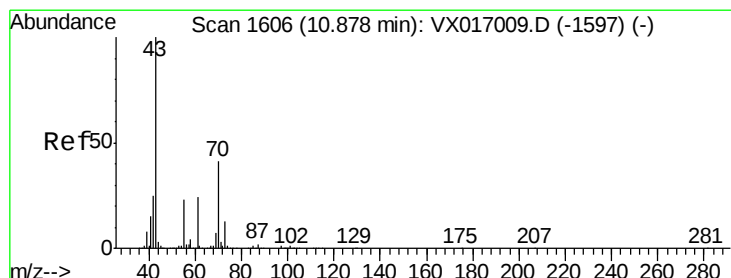
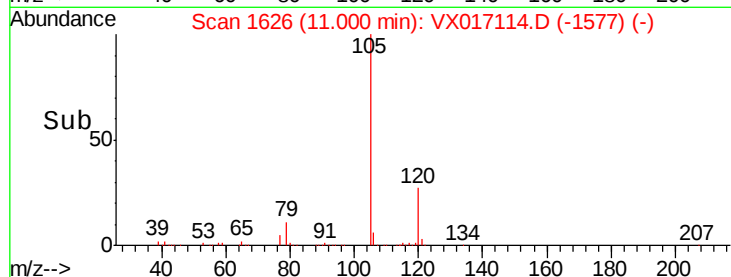
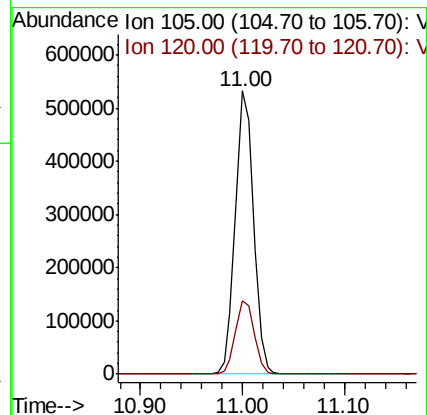
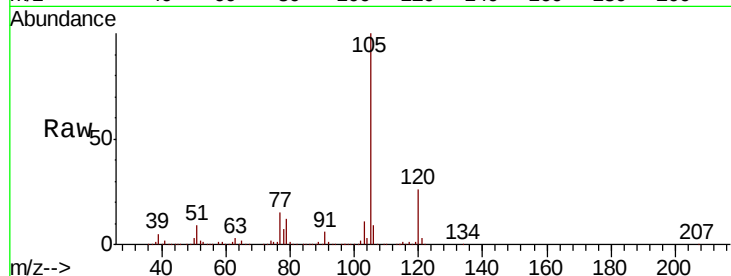
VSTDCCC050

Tot Ion:105 Resp: 654481

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 50.867 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Tgt Ion: 43 Resp: 279063

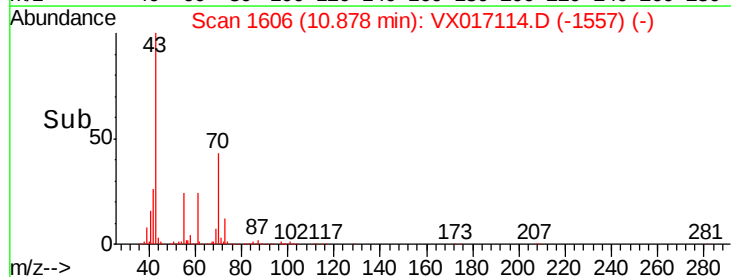
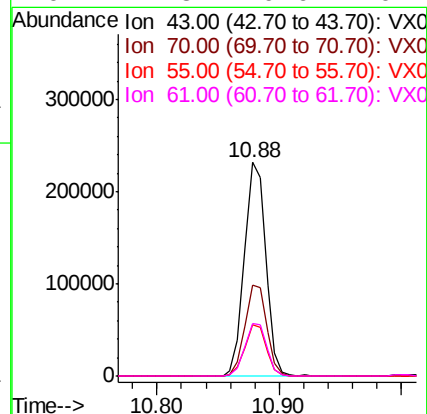
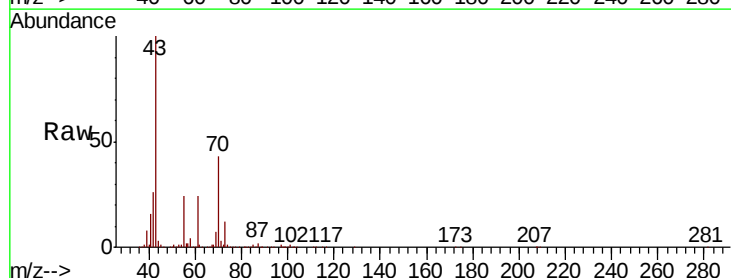
Ion Ratio Lower Upper

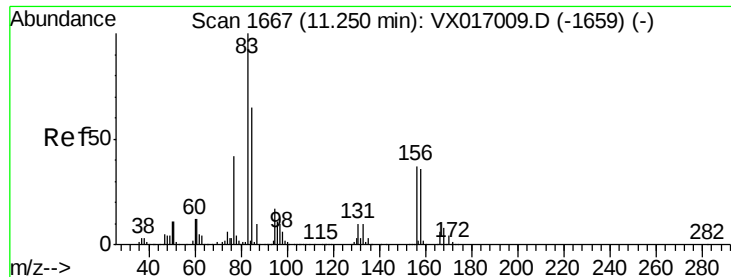
43 100

70 43.4 34.2 51.2

55 24.3 19.2 28.8

61 24.8 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.488 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

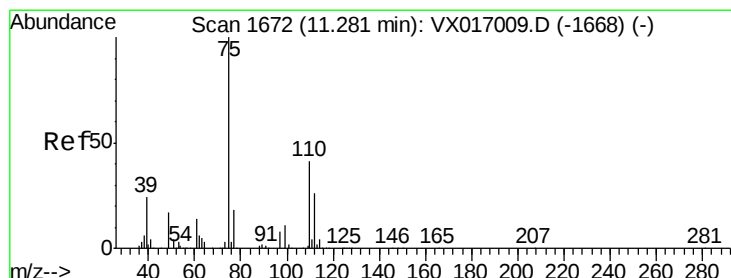
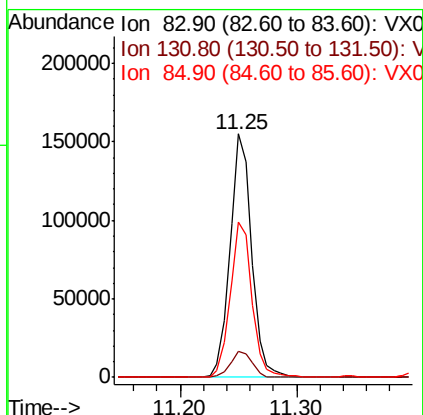
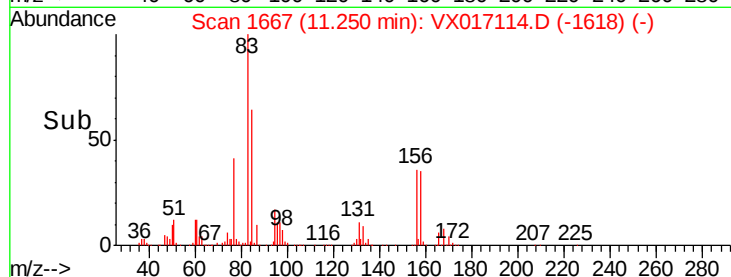
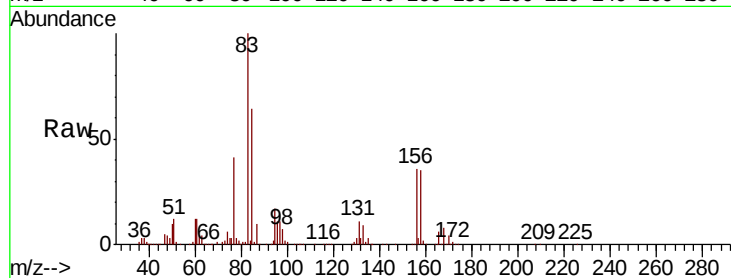
Tot Ion: 83 Resp: 200147

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 64.4 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 64.774 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017114.D

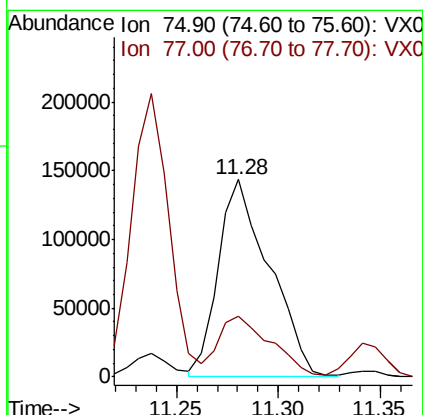
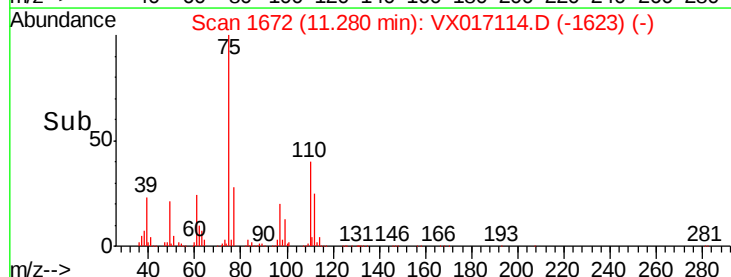
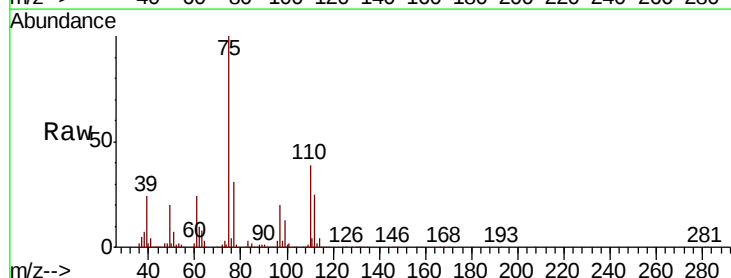
Acq: 01 Jul 2020 21:42

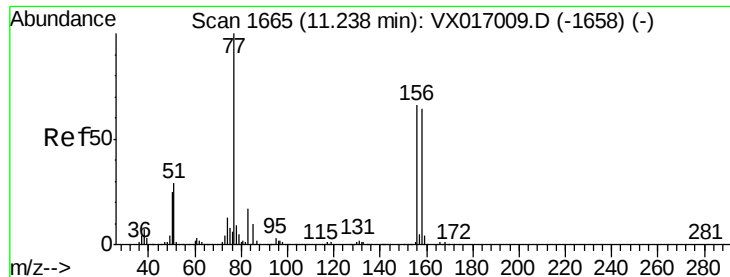
Tgt Ion: 75 Resp: 250027

Ion Ratio Lower Upper

75 100

77 31.3 20.2 60.6





#77

Bromobenzene

Concen: 49.575 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

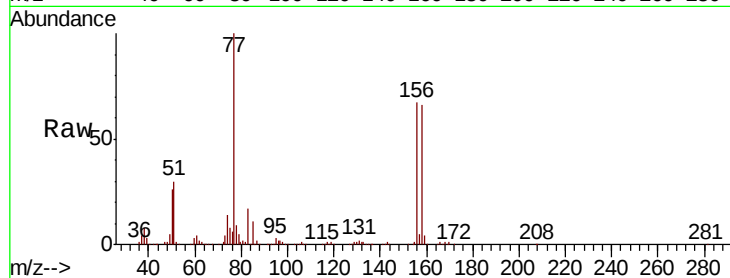
Tot Ion:156 Resp: 175183

Ion Ratio Lower Upper

156 100

77 150.8 76.9 230.7

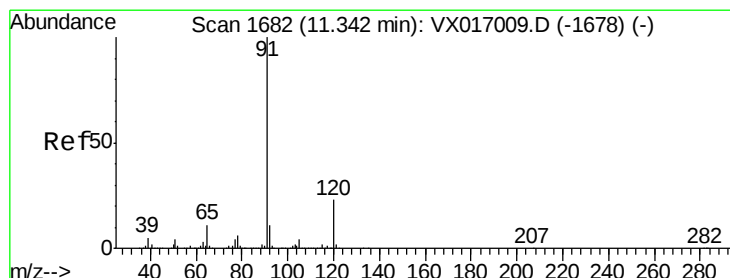
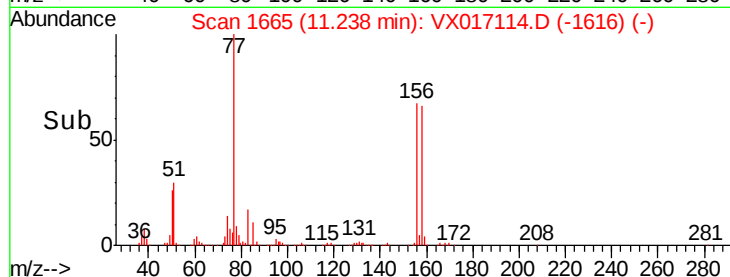
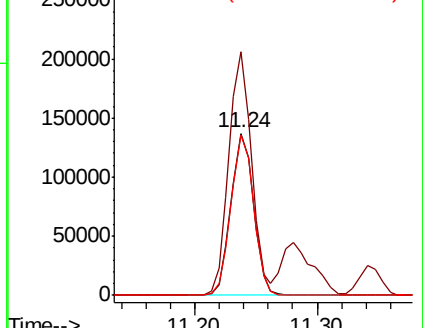
158 98.6 47.9 143.6



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: 50.908 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017114.D

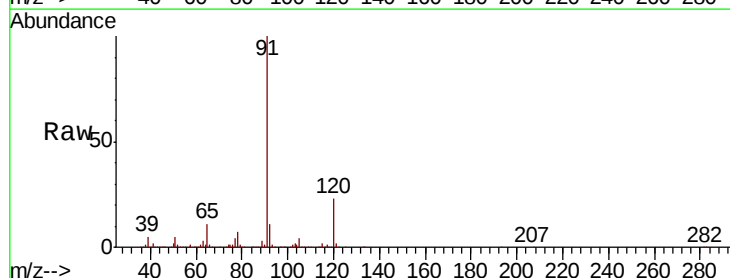
Acq: 01 Jul 2020 21:42

Tgt Ion: 91 Resp: 740181

Ion Ratio Lower Upper

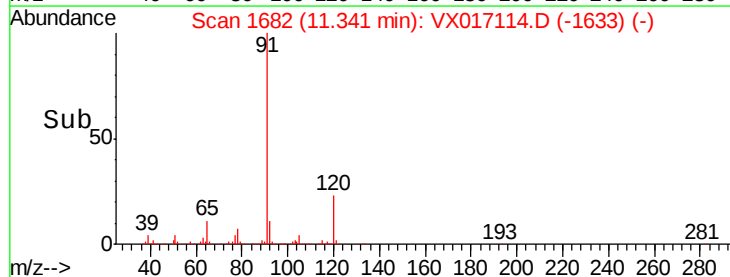
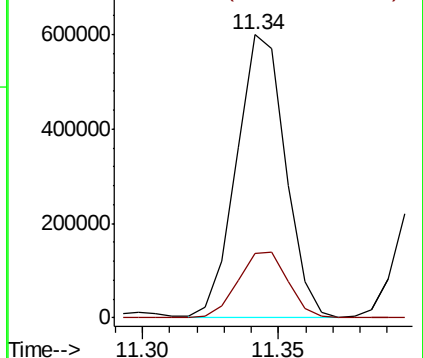
91 100

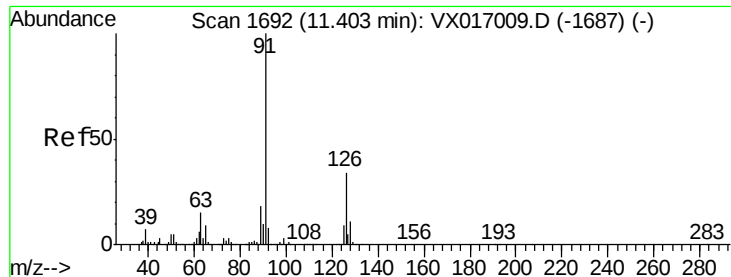
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

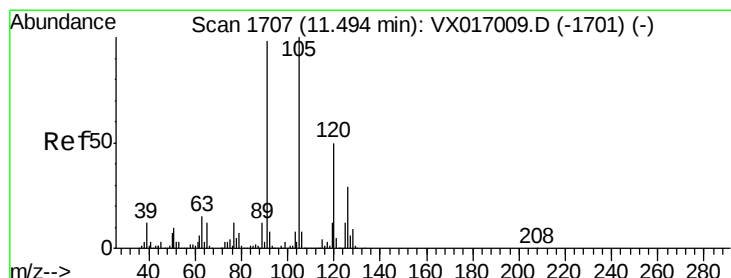
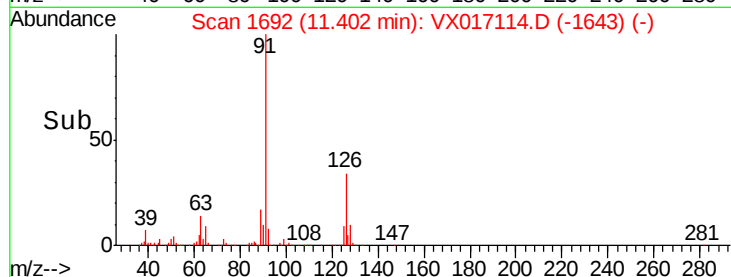
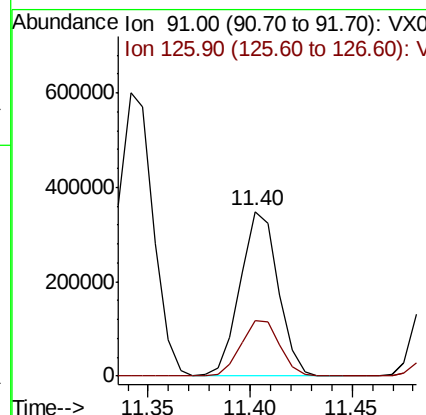
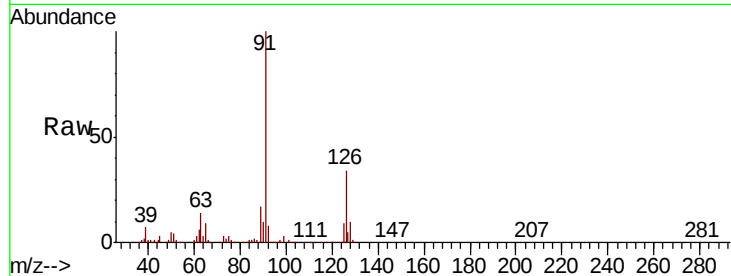




#79
 2-Chlorotoluene
 Concen: 50.955 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

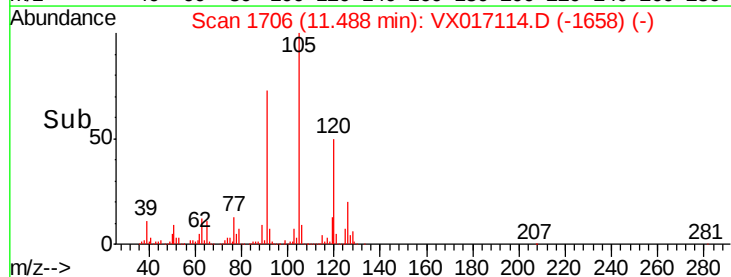
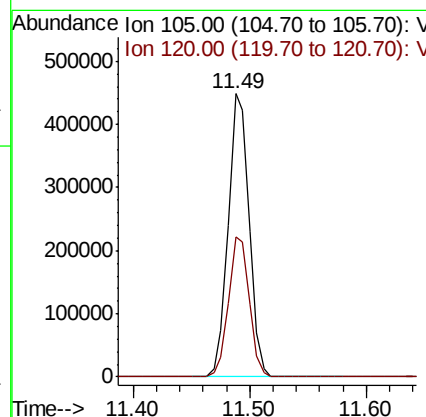
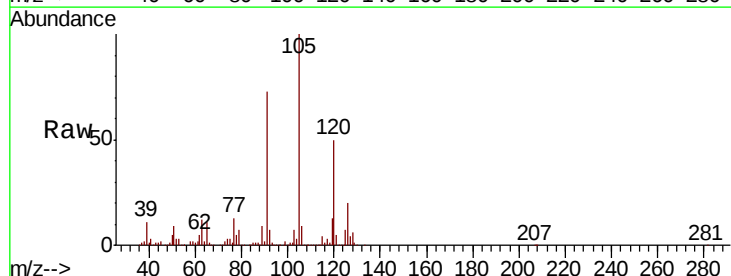
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

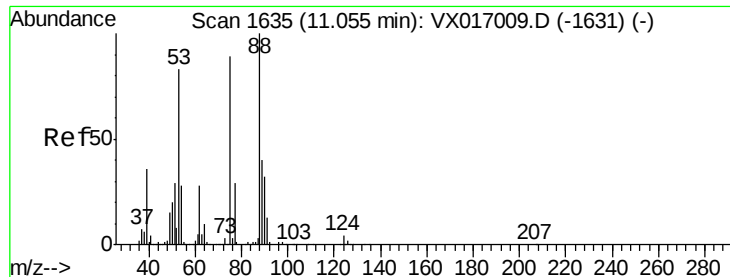
Tot Ion: 91 Resp: 448378
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 52.017 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Tgt Ion: 105 Resp: 554751
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.173 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

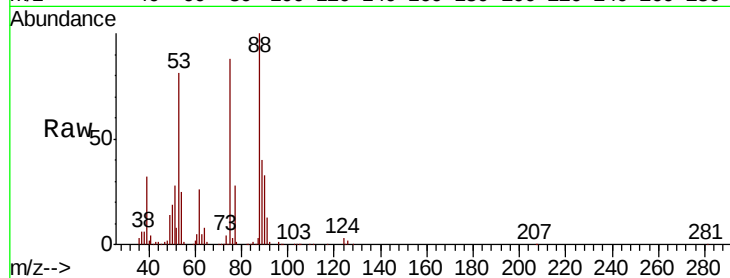
Tot Ion: 75 Resp: 73294

Ion Ratio Lower Upper

75 100

53 95.5 72.4 108.6

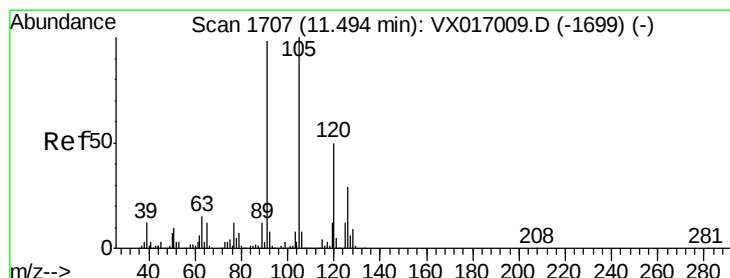
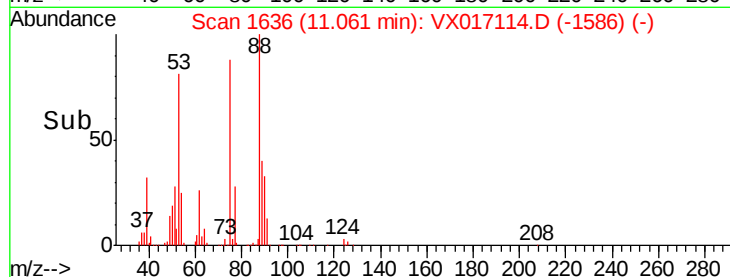
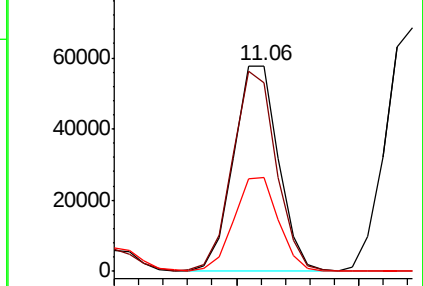
89 46.0 37.0 55.4



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: 50.727 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017114.D

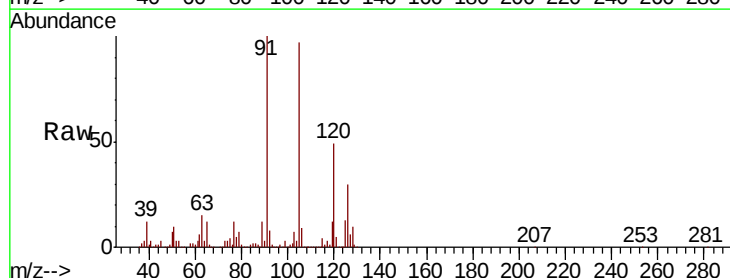
Acq: 01 Jul 2020 21:42

Tgt Ion: 91 Resp: 533608

Ion Ratio Lower Upper

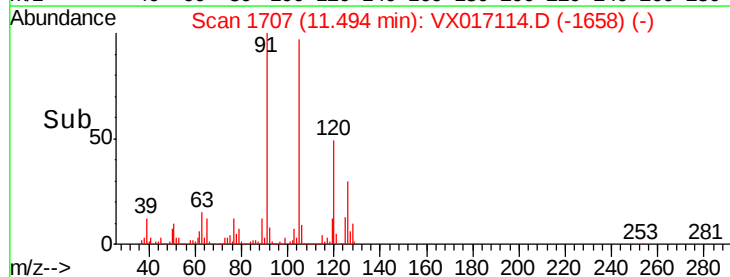
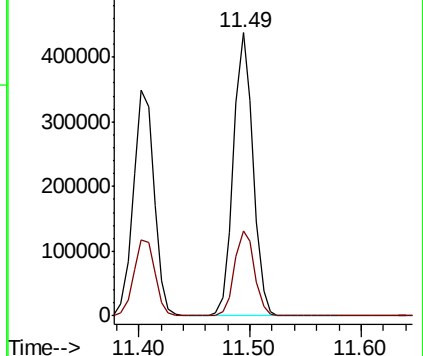
91 100

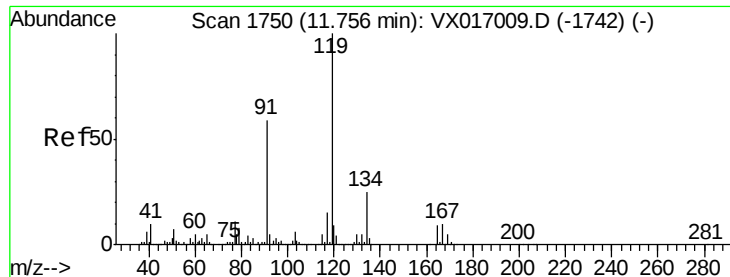
126 30.7 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

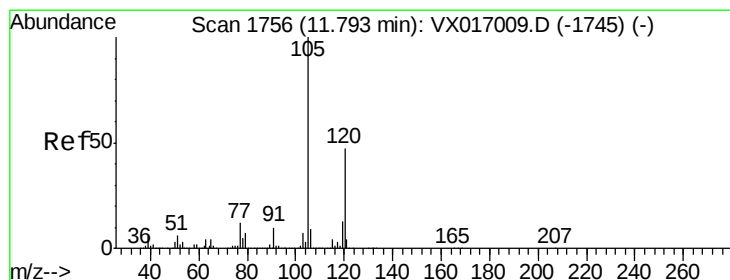
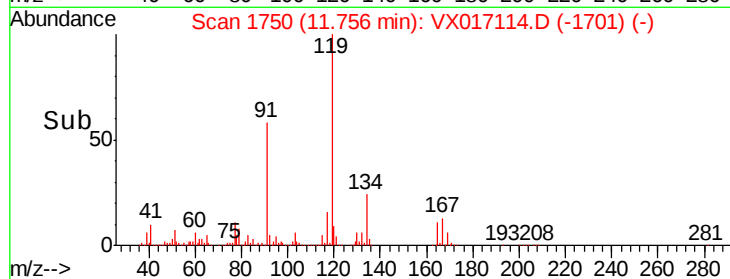
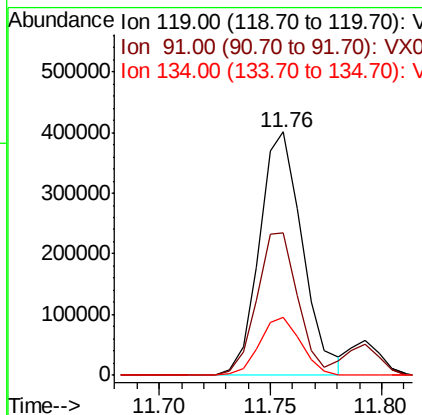
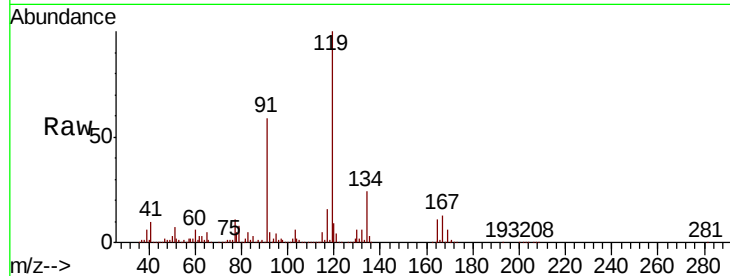




#83
tert-Butylbenzene
Concen: 51.368 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

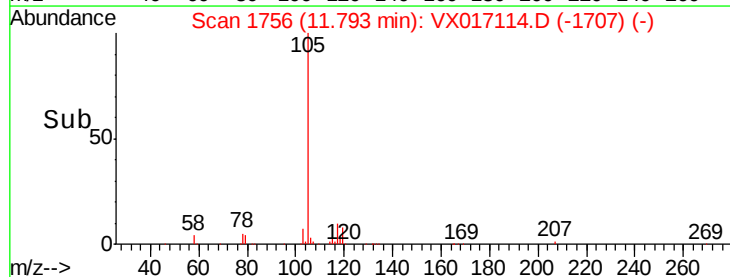
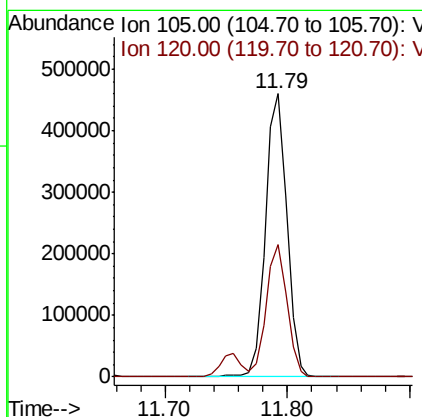
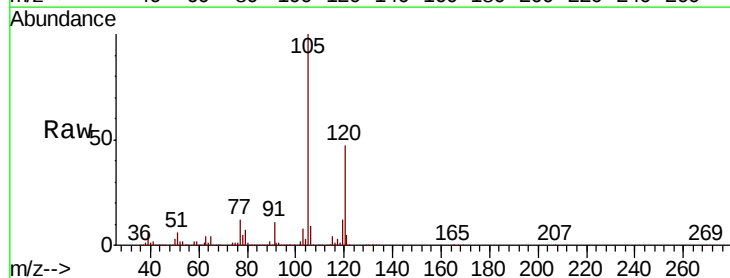
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

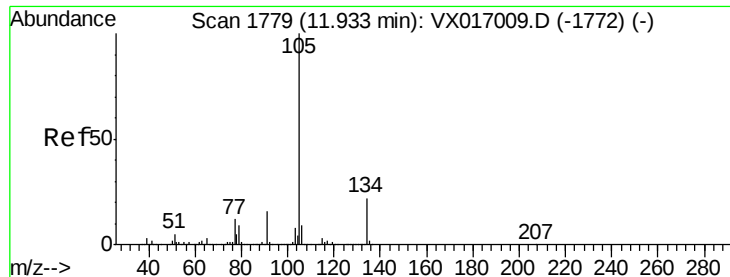
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.0	28.3	84.9
134	23.1	11.7	35.1



#84
1,2,4-Trimethylbenzene
Concen: 51.972 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.9	68.5





#85

sec-Butylbenzene

Concen: 50.417 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

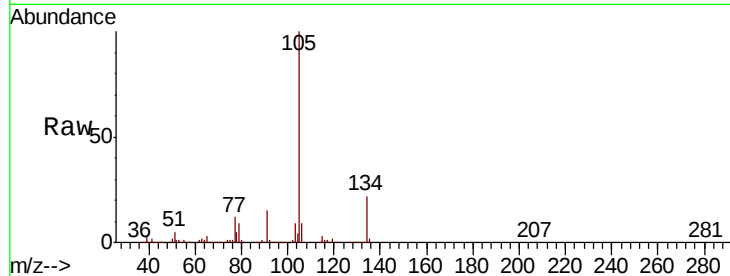
VSTDCCC050

Tot Ion:105 Resp: 620440

Ion Ratio Lower Upper

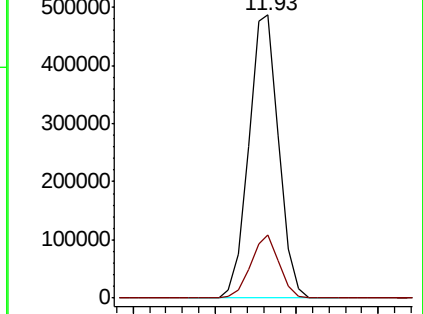
105 100

134 21.0 10.5 31.6

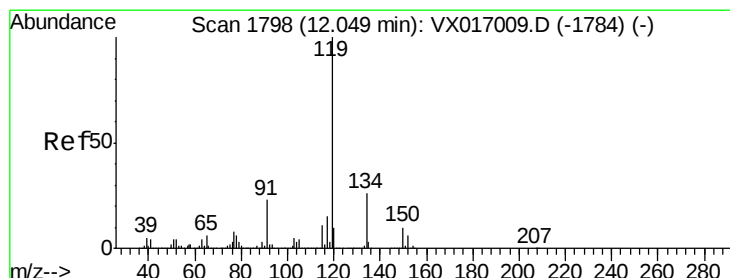
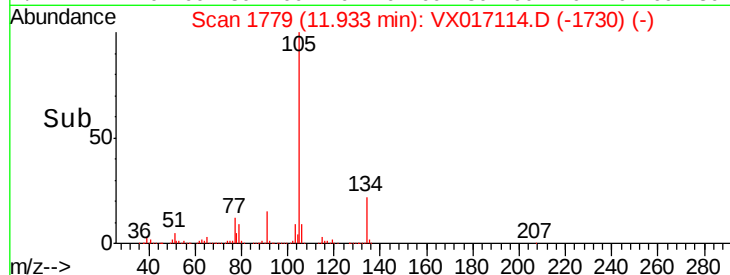


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 51.205 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

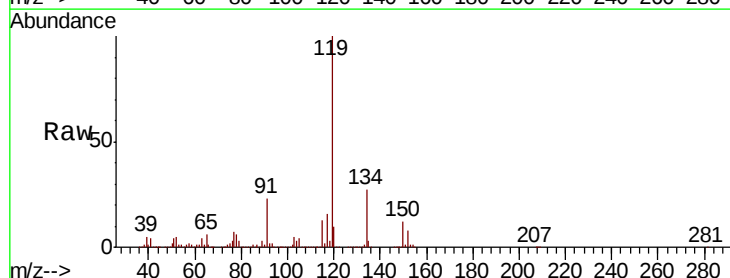
Tgt Ion:119 Resp: 586614

Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

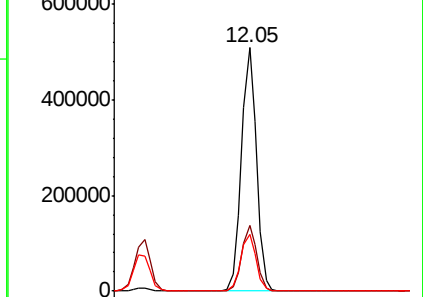
91 23.6 11.8 35.4



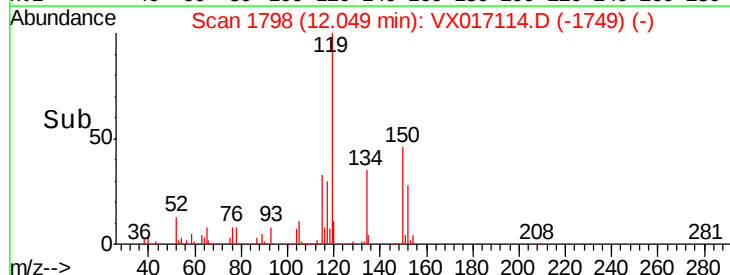
Abundance Ion 119.00 (118.70 to 119.70): V

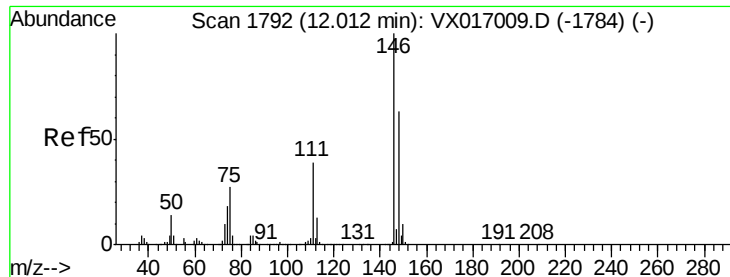
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time--> 11.90 12.00 12.10 12.20





#87

1,3-Dichlorobenzene

Concen: 47.962 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

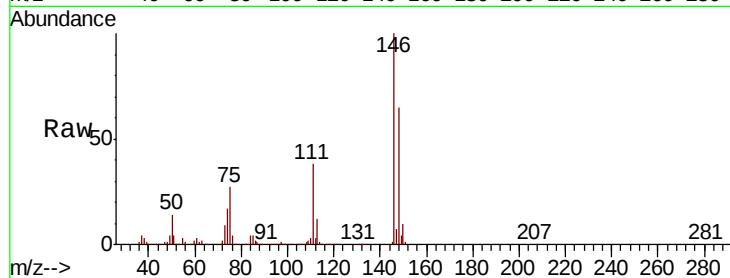
Tot Ion:146 Resp: 307812

Ion Ratio Lower Upper

146 100

111 39.0 20.4 61.2

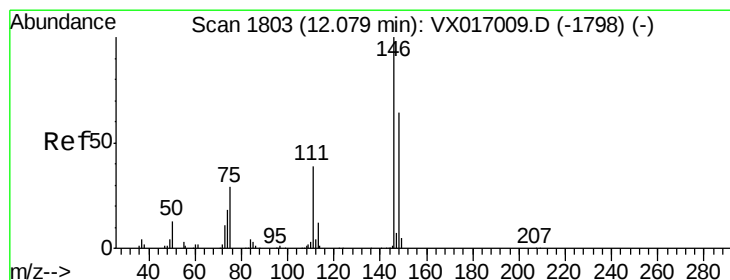
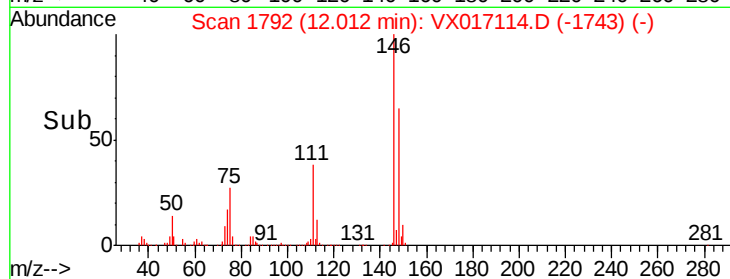
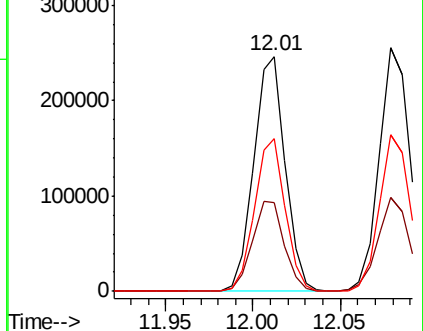
148 63.7 32.5 97.5



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



#88

1,4-Dichlorobenzene

Concen: 51.409 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX017114.D

Acq: 01 Jul 2020 21:42

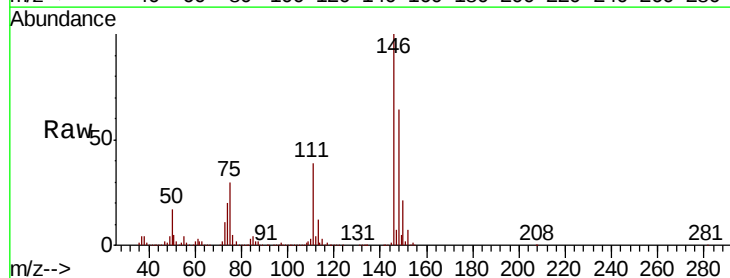
Tgt Ion:146 Resp: 311112

Ion Ratio Lower Upper

146 100

111 39.2 19.5 58.5

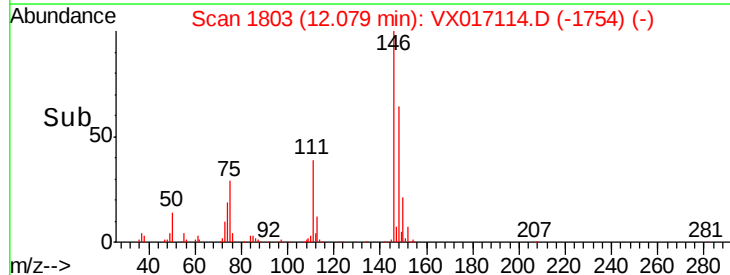
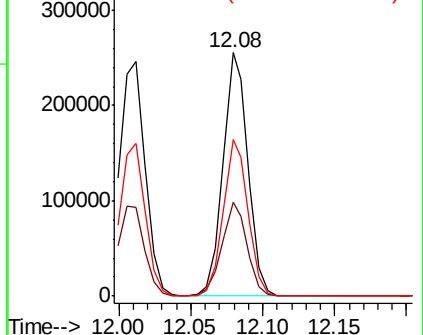
148 64.1 31.9 95.7

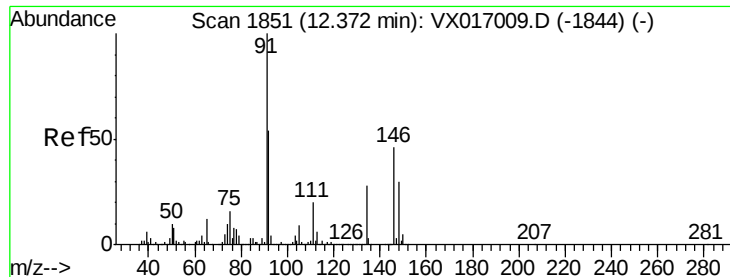


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

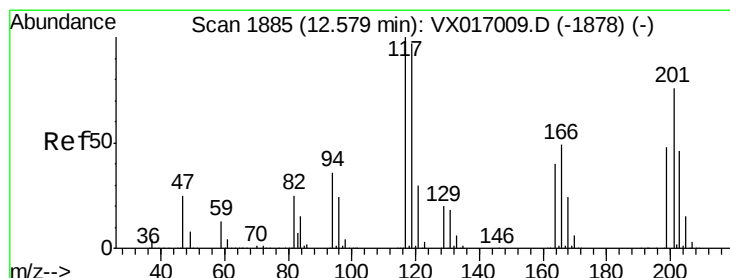
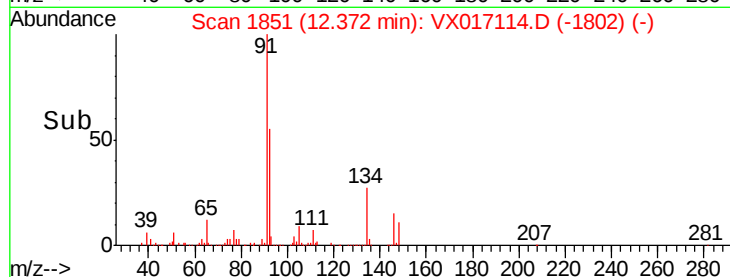
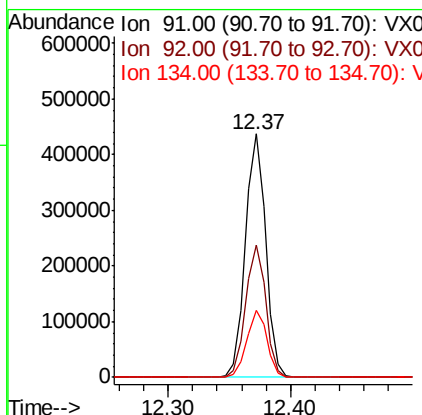
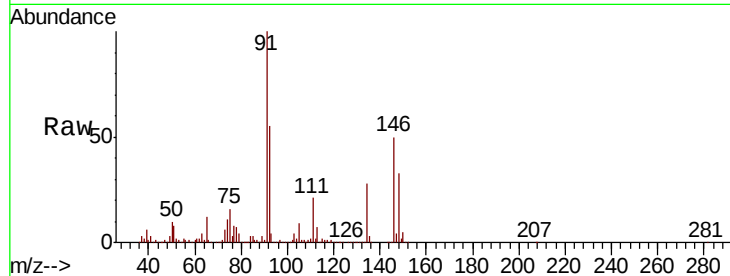




#89
n-Butylbenzene
Concen: 48.931 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

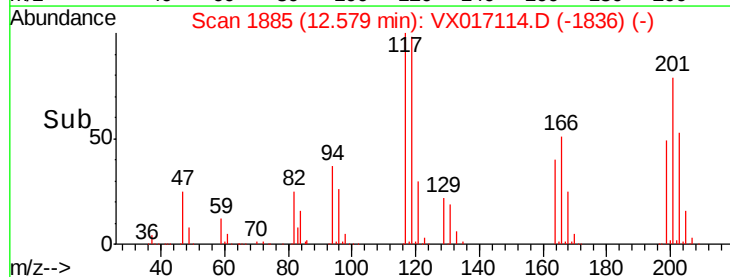
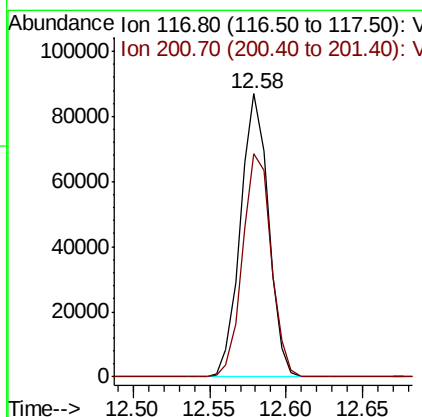
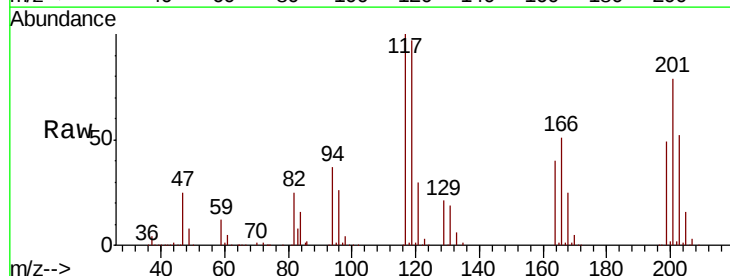
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

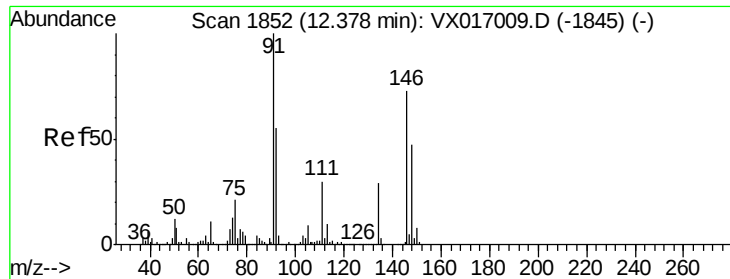
Tot Ion: 91 Resp: 500523
Ion Ratio Lower Upper
91 100
92 54.2 27.2 81.6
134 27.6 13.6 40.7



#90
Hexachloroethane
Concen: 48.876 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion: 117 Resp: 110419
Ion Ratio Lower Upper
117 100
201 80.4 39.4 118.2

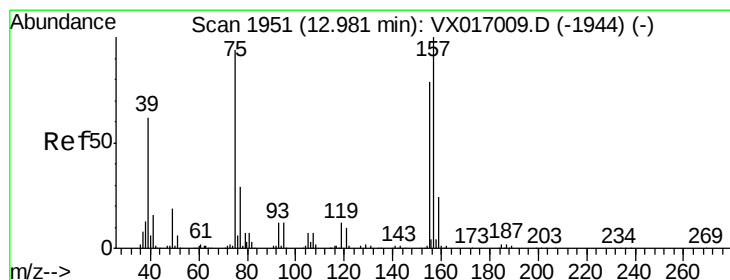
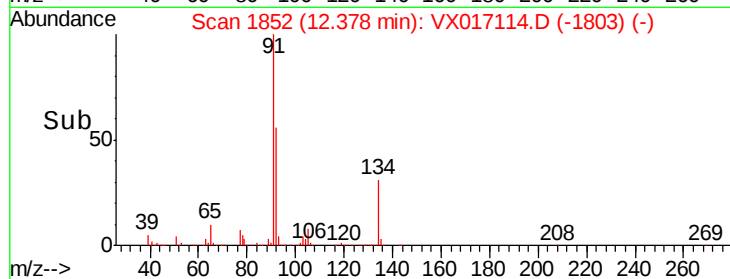
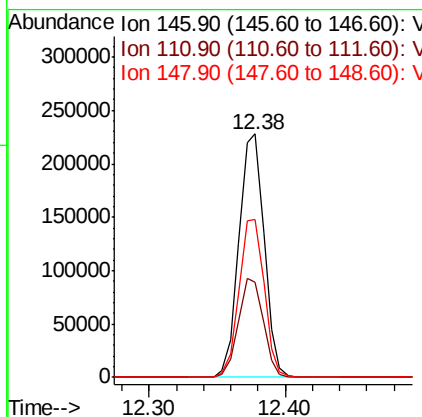
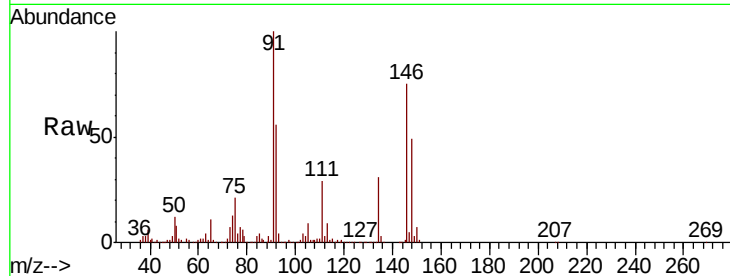




#91
 1,2-Dichlorobenzene
 Concen: 49.244 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

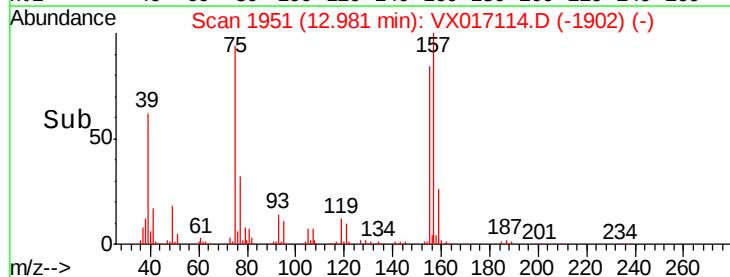
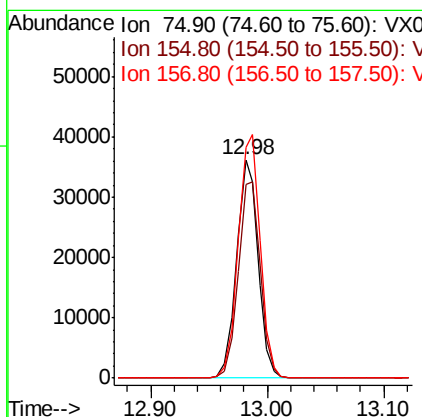
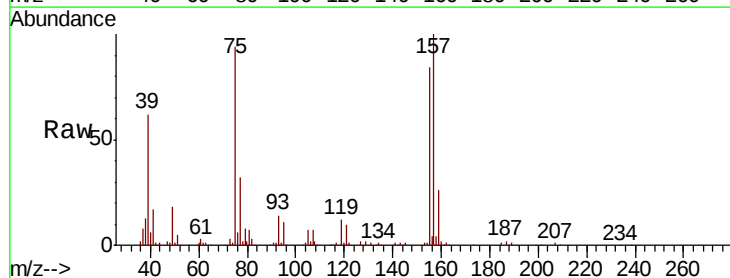
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

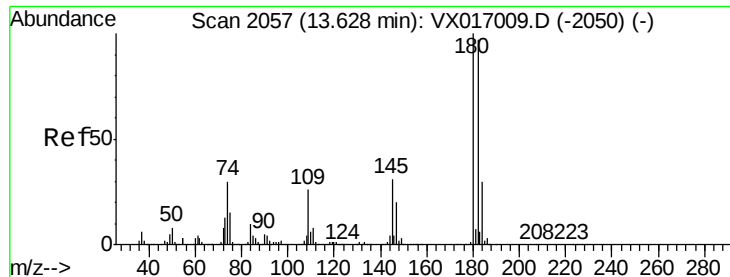
Tot Ion:146 Resp: 295415
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.6 61.9
 148 64.6 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.318 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Tgt Ion: 75 Resp: 46617
 Ion Ratio Lower Upper
 75 100
 155 92.0 45.1 135.2
 157 113.5 56.5 169.3

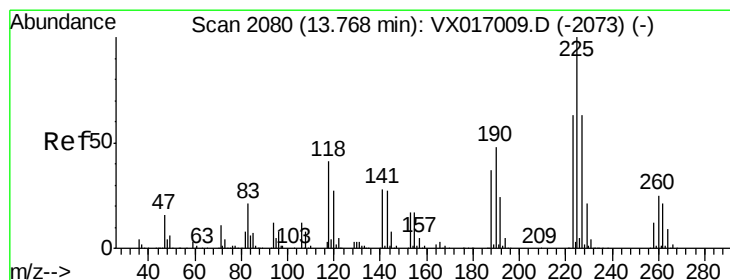
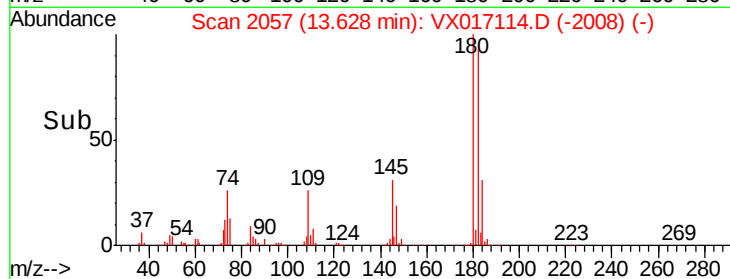
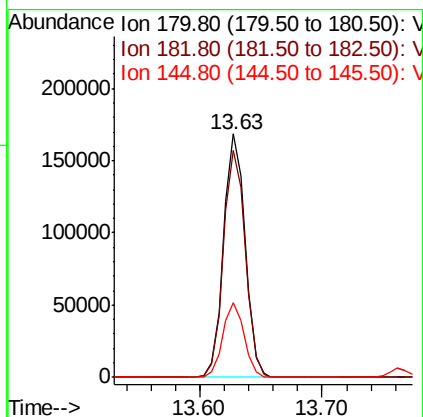
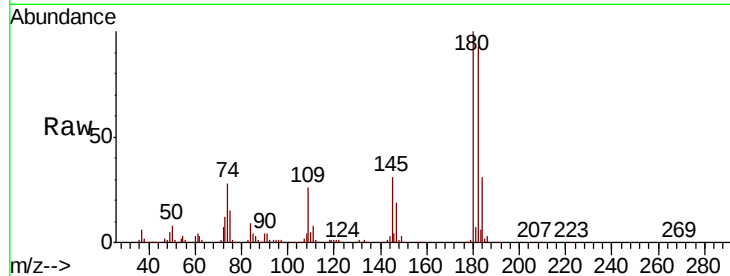




#93
 1,2,4-Trichlorobenzene
 Concen: 50.118 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

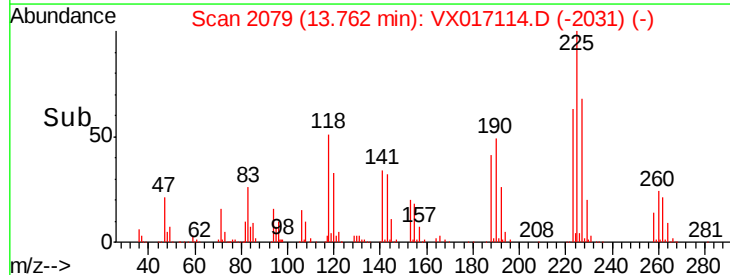
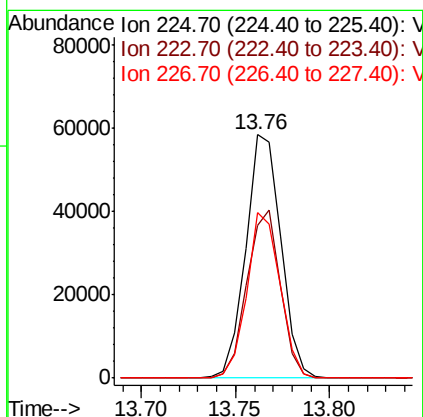
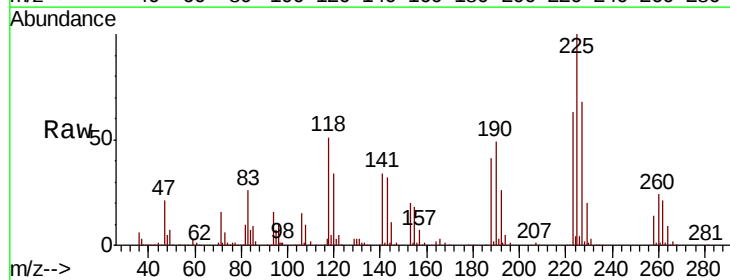
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

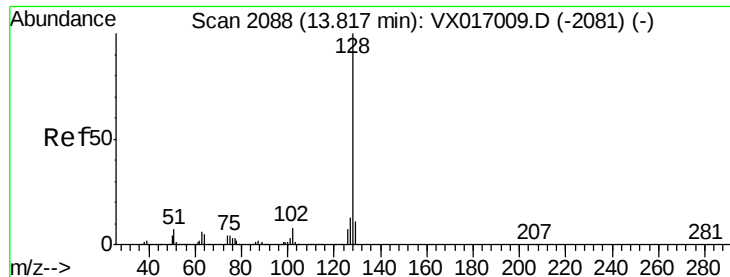
Tot Ion:180 Resp: 205213
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.3 141.9
 145 30.4 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 48.458 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017114.D
 Acq: 01 Jul 2020 21:42

Tgt Ion:225 Resp: 75262
 Ion Ratio Lower Upper
 225 100
 223 65.8 32.5 97.5
 227 64.5 33.1 99.2

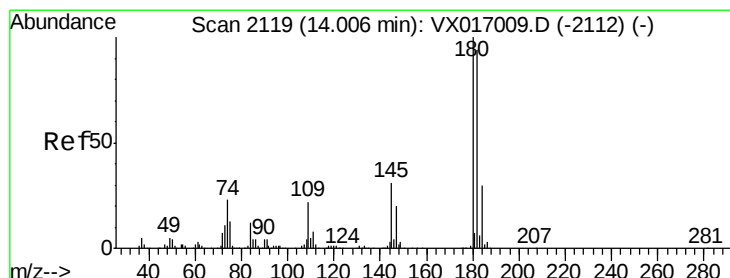
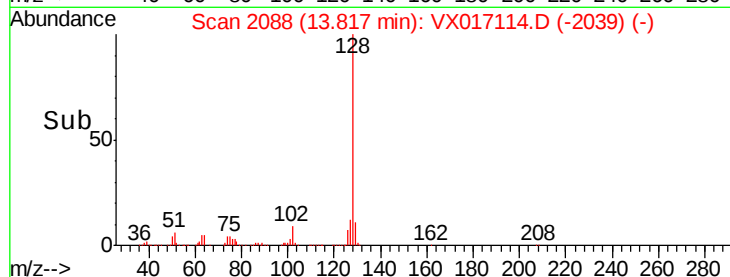
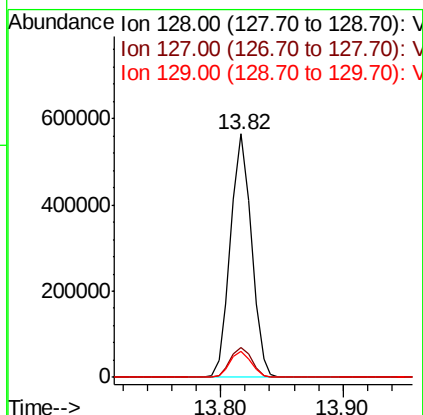
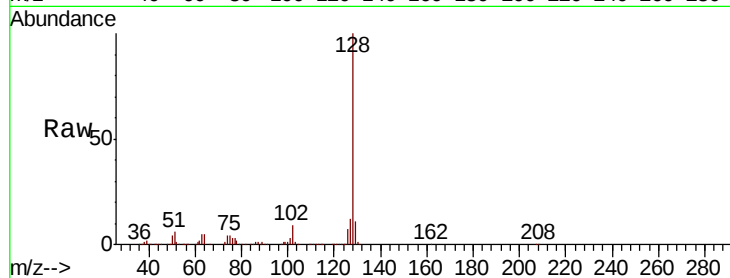




#95
Naphthalene
Concen: 53.786 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 669541
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.297 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017114.D
Acq: 01 Jul 2020 21:42

Tgt Ion:180 Resp: 203269
Ion Ratio Lower Upper
180 100
182 94.5 47.1 141.4
145 32.8 16.6 49.7

