

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070220\
 Data File : VX017139.D
 Acq On : 02 Jul 2020 10:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 03 00:57:37 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	251663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	377274	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	364204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201829	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	147483	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	5.46	113	117185	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
50) Toluene-d8	8.70	98	434029	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	11.12	95	174271	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	116610	47.895	ug/l	99
3) Chloromethane	1.31	50	124879	42.374	ug/l	99
4) Vinyl Chloride	1.39	62	120037	43.900	ug/l	98
5) Bromomethane	1.62	94	66063	45.730	ug/l	99
6) Chloroethane	1.71	64	72230	44.727	ug/l	98
7) Trichlorofluoromethane	1.92	101	198982	49.205	ug/l	97
8) Diethyl Ether	2.17	74	66366	48.784	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	106154	43.798	ug/l	96
10) Methyl Iodide	2.49	142	146365	46.800	ug/l	98
11) Tert butyl alcohol	3.01	59	129207	218.305	ug/l	98
12) 1,1-Dichloroethene	2.35	96	100164	40.229	ug/l	93
13) Acrolein	2.27	56	80780	228.317	ug/l	97
14) Allyl chloride	2.70	41	198079	43.047	ug/l	97
15) Acrylonitrile	3.11	53	319956	224.875	ug/l	99
16) Acetone	2.42	43	245703	211.700	ug/l	97
17) Carbon Disulfide	2.55	76	319175	45.940	ug/l	98
18) Methyl Acetate	2.75	43	137330	45.326	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	396303	47.425	ug/l	99
20) Methylene Chloride	2.83	84	129784	48.738	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	128747	46.595	ug/l	95
22) Diisopropyl ether	3.82	45	395471	46.436	ug/l	96
23) Vinyl Acetate	3.78	43	1740364	237.810	ug/l	99
24) 1,1-Dichloroethane	3.67	63	221833	45.778	ug/l	99
25) 2-Butanone	4.63	43	423609	219.045	ug/l	99
26) 2,2-Dichloropropane	4.55	77	200503	46.600	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	140534	44.888	ug/l	100
28) Bromochloromethane	4.98	49	106413	45.127	ug/l	98
29) Tetrahydrofuran	5.09	42	278634	218.064	ug/l	98
30) Chloroform	5.18	83	232237	46.751	ug/l	98
31) Cyclohexane	5.54	56	191335	45.680	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	213635	46.698	ug/l	99
36) 1,1-Dichloropropene	5.76	75	171630	48.134	ug/l	99
37) Ethyl Acetate	4.79	43	168841	46.670	ug/l	99
38) Carbon Tetrachloride	5.75	117	197297	50.237	ug/l	96

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 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)
39) Methylcyclohexane	7.44	83	201818	50.870	ug/l	96
40) Benzene	6.11	78	504568	48.161	ug/l	100
41) Methacrylonitrile	5.00	41	94719	46.518	ug/l	99
42) 1,2-Dichloroethane	6.16	62	190279	50.282	ug/l	99
43) Isopropyl Acetate	6.41	43	278376	46.306	ug/l	99
44) Trichloroethene	7.19	130	146078	50.532	ug/l	97
45) 1,2-Dichloropropane	7.49	63	129758	48.222	ug/l	100
46) Dibromomethane	7.63	93	90860	49.459	ug/l	97
47) Bromodichloromethane	7.87	83	189703	50.108	ug/l	96
48) Methyl methacrylate	7.74	41	141201	49.438	ug/l	98
49) 1,4-Dioxane	7.71	88	61870	956.186	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	864958	241.367	ug/l	100
52) Toluene	8.76	92	325391	49.746	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	206240	49.374	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	221422	49.449	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	133417	49.923	ug/l	98
56) Ethyl methacrylate	9.16	69	191468	50.336	ug/l	99
57) 1,3-Dichloropropane	9.35	76	218718	48.367	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	496655	262.348	ug/l	100
59) 2-Hexanone	9.47	43	653246	249.597	ug/l	99
60) Dibromochloromethane	9.56	129	159872	51.506	ug/l	99
61) 1,2-Dibromoethane	9.65	107	143590	49.986	ug/l	98
64) Tetrachloroethene	9.32	164	142857	48.601	ug/l	97
65) Chlorobenzene	10.12	112	353468	47.023	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	140668	48.558	ug/l	99
67) Ethyl Benzene	10.23	91	623676	49.682	ug/l	99
68) m/p-Xylenes	10.34	106	485278	100.678	ug/l	99
69) o-Xylene	10.68	106	228294	49.788	ug/l	99
70) Styrene	10.69	104	407721	52.216	ug/l	99
71) Bromoform	10.84	173	122888	53.494	ug/l #	99
73) Isopropylbenzene	11.00	105	623688	47.178	ug/l	99
74) N-amyl acetate	10.88	43	254153	45.055	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	181887	43.739	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	178602m	45.001	ug/l	
77) Bromobenzene	11.24	156	169427	46.631	ug/l	97
78) n-propylbenzene	11.34	91	715083	47.833	ug/l	99
79) 2-Chlorotoluene	11.40	91	432186	47.767	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	541667	49.397	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	67328	43.931	ug/l	94
82) 4-Chlorotoluene	11.49	91	522053	48.267	ug/l	100
83) tert-Butylbenzene	11.76	119	513439	47.697	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	553488	49.753	ug/l	100
85) sec-Butylbenzene	11.93	105	615134	48.615	ug/l	100
86) p-Isopropyltoluene	12.05	119	583313	49.520	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	301853	45.743	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	304132	48.867	ug/l	99
89) n-Butylbenzene	12.37	91	501405	47.672	ug/l	99
90) Hexachloroethane	12.58	117	106626	45.902	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	283918	46.029	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	41739	42.075	ug/l	97

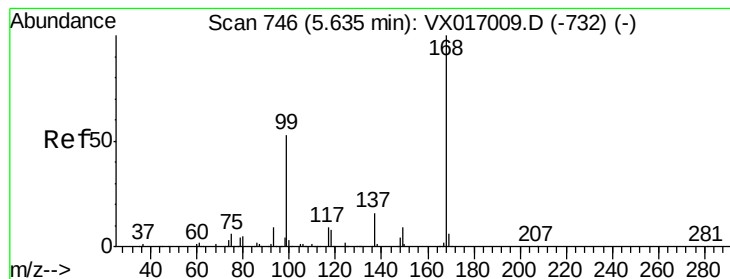
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	196706	46.722	ug/l	97
94) Hexachlorobutadiene	13.76	225	79530	49.778	ug/l	96
95) Naphthalene	13.82	128	608898	47.572	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	196134	48.138	ug/l	98

(#) = 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: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

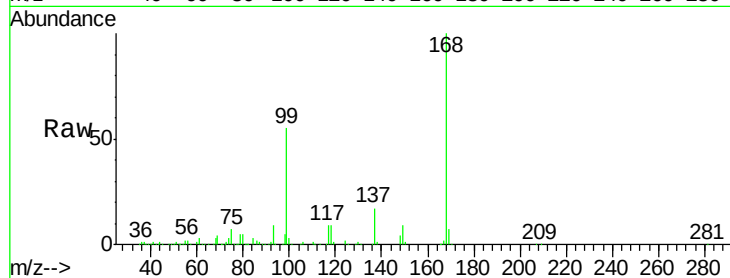
VSTDCCC050

Tot Ion:168 Resp: 251663

Ion Ratio Lower Upper

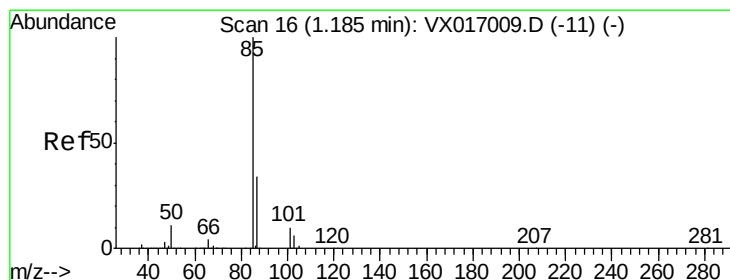
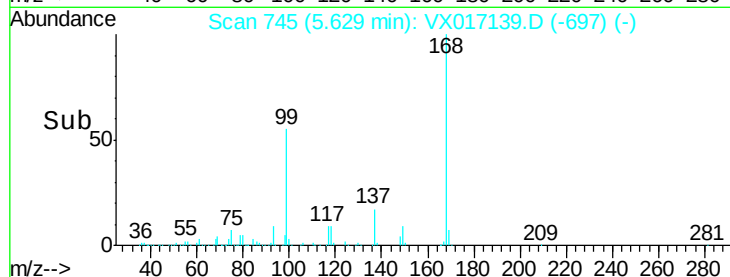
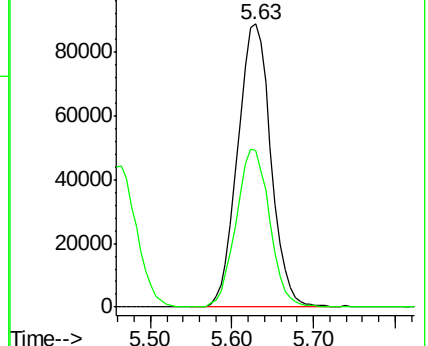
168 100

99 55.2 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.895 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017139.D

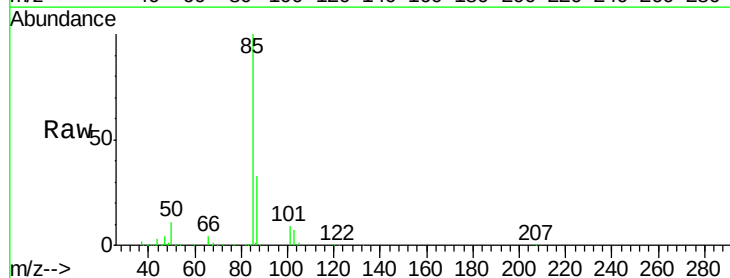
Acq: 02 Jul 2020 10:40

Tgt Ion: 85 Resp: 116610

Ion Ratio Lower Upper

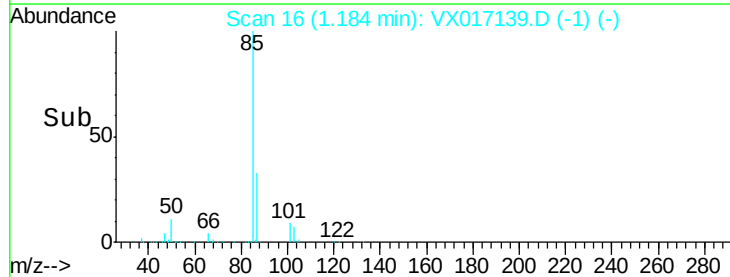
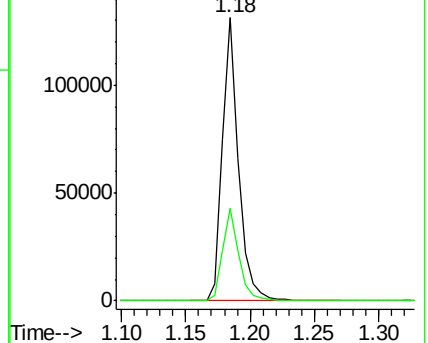
85 100

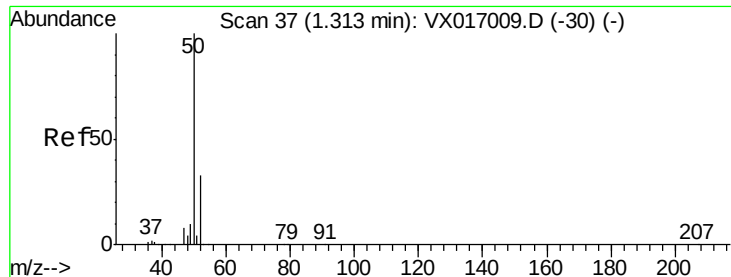
87 32.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.374 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

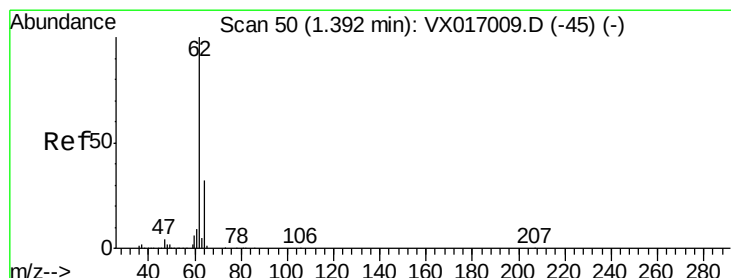
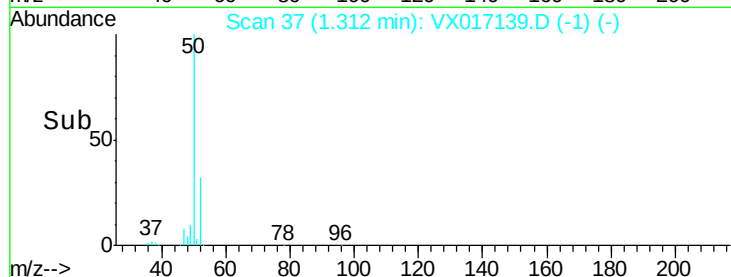
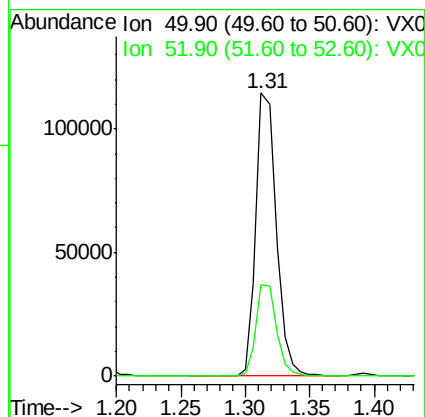
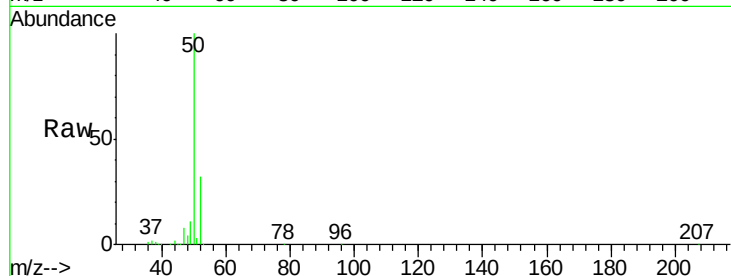
VSTDCCC050

Tot Ion: 50 Resp: 124879

Ion Ratio Lower Upper

50 100

52 32.2 26.1 39.1



#4

Vinyl Chloride

Concen: 43.900 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017139.D

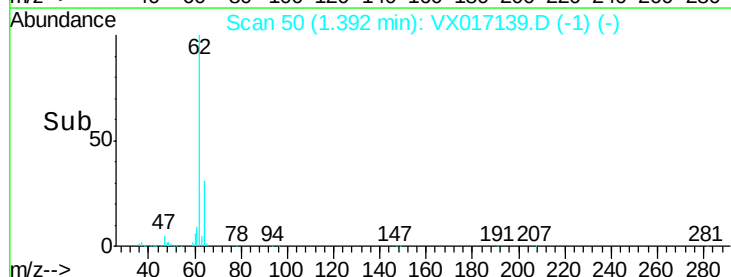
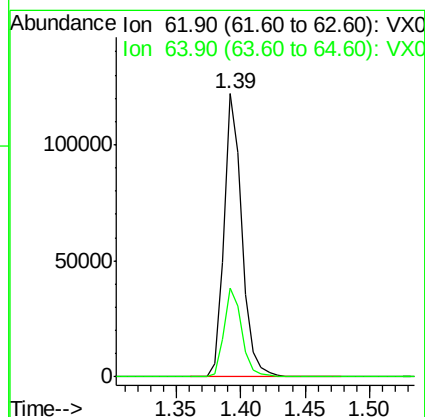
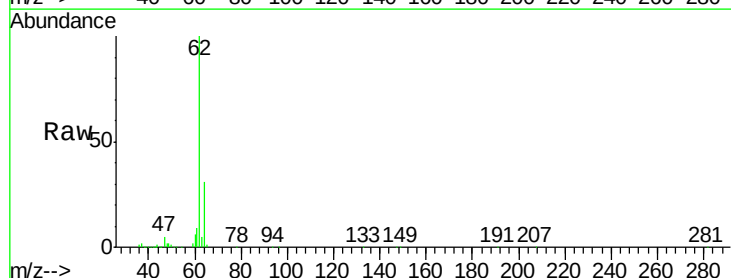
Acq: 02 Jul 2020 10:40

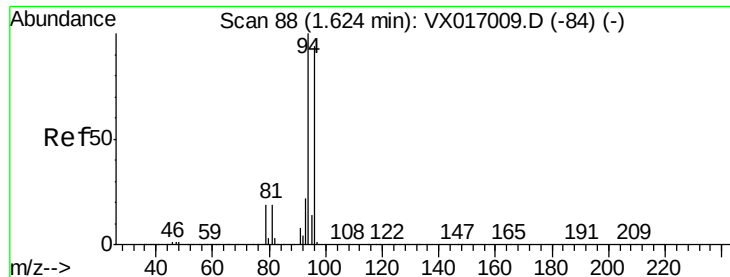
Tgt Ion: 62 Resp: 120037

Ion Ratio Lower Upper

62 100

64 31.3 25.9 38.9





#5

Bromomethane

Concen: 45.730 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

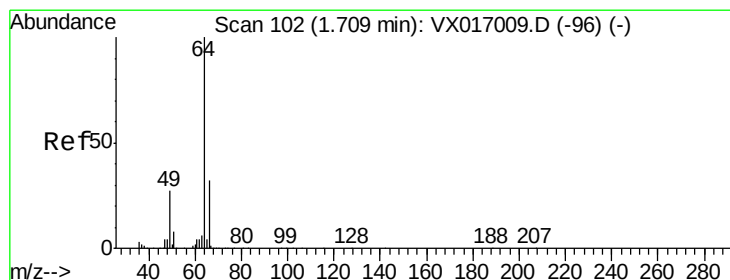
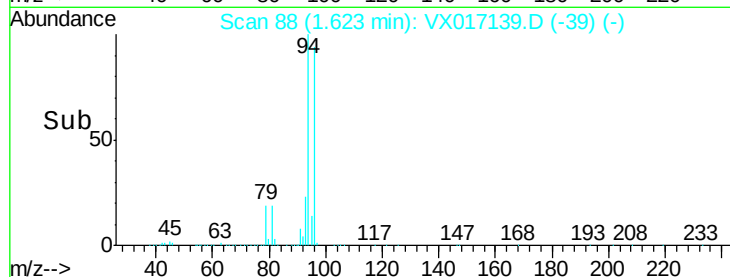
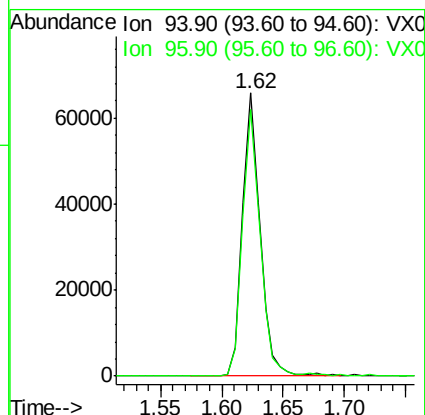
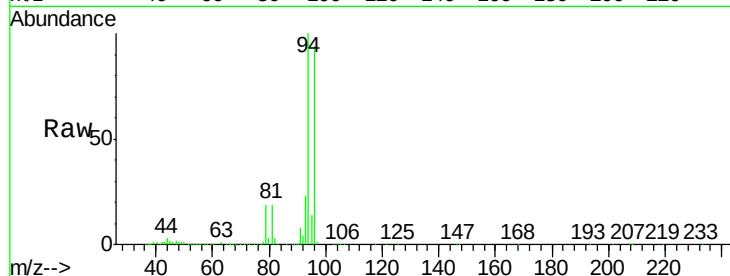
VSTDCCC050

Tot Ion: 94 Resp: 66063

Ion Ratio Lower Upper

94 100

96 94.5 75.0 112.4



#6

Chloroethane

Concen: 44.727 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017139.D

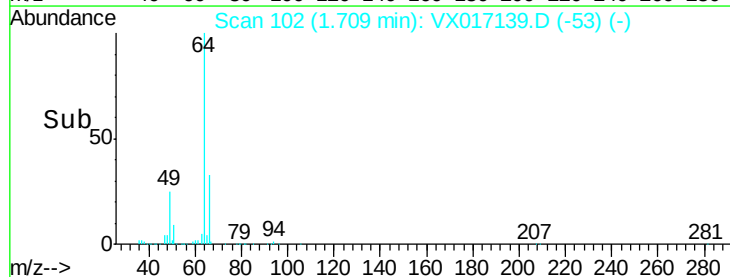
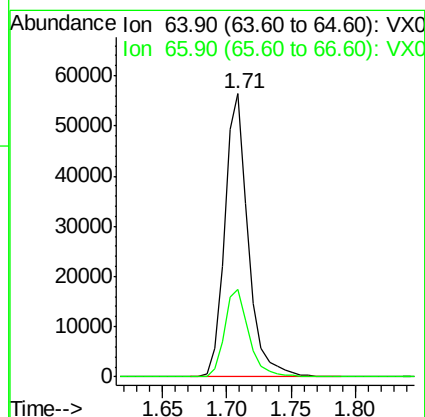
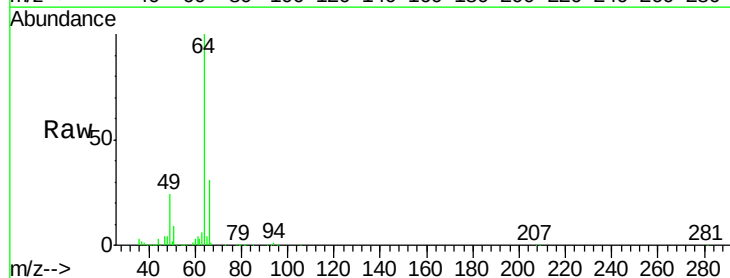
Acq: 02 Jul 2020 10:40

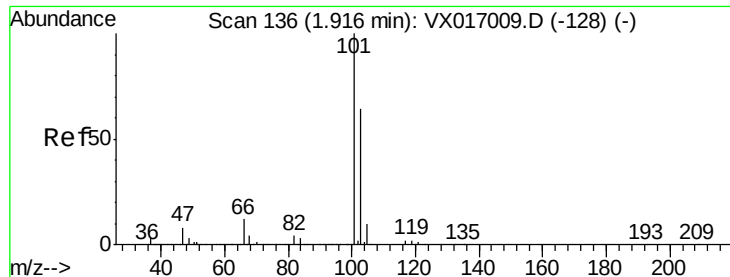
Tgt Ion: 64 Resp: 72230

Ion Ratio Lower Upper

64 100

66 30.9 25.5 38.3



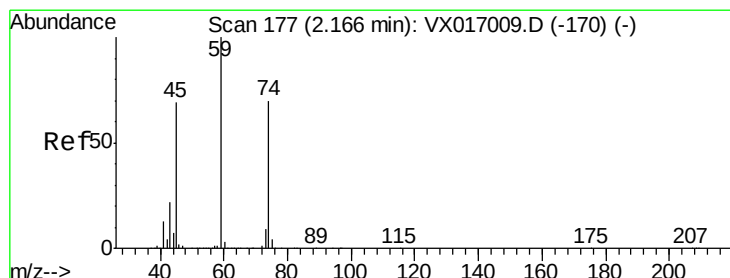
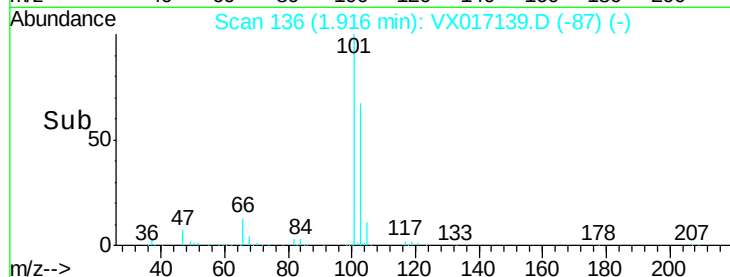
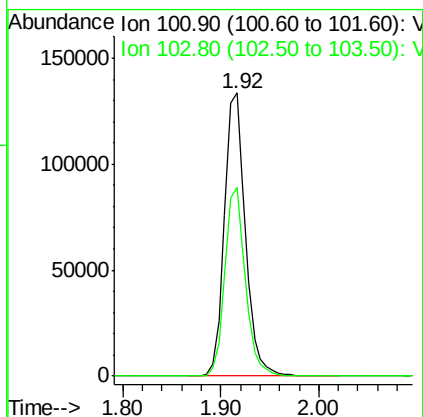
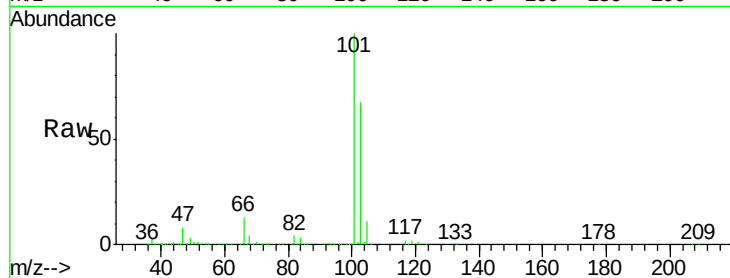


#7

Trichlorofluoromethane
 Concen: 49.205 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017139.D
 Acq: 02 Jul 2020 10:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

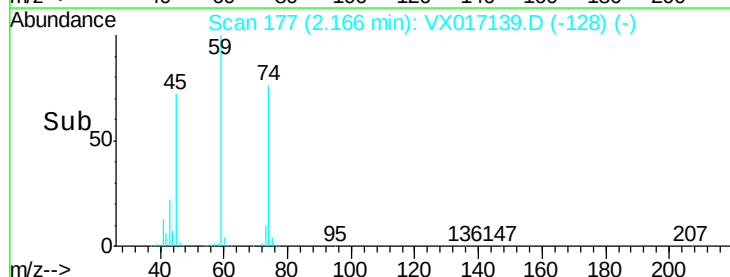
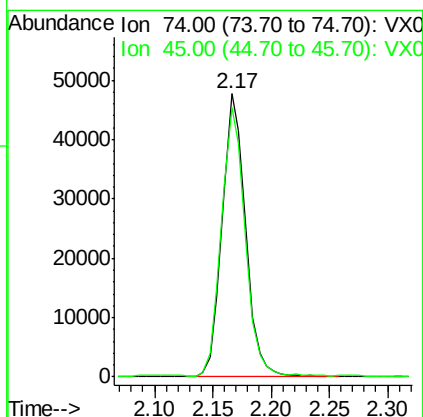
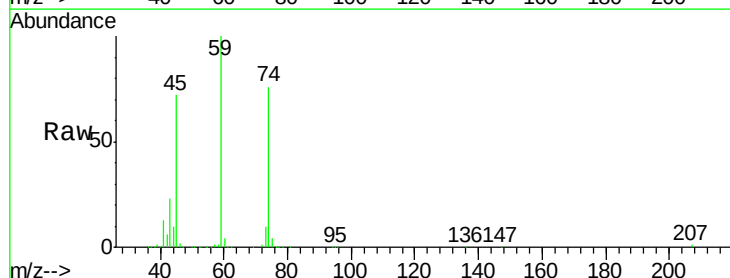
Tot Ion:101 Resp: 198982
 Ion Ratio Lower Upper
 101 100
 103 66.8 51.5 77.3

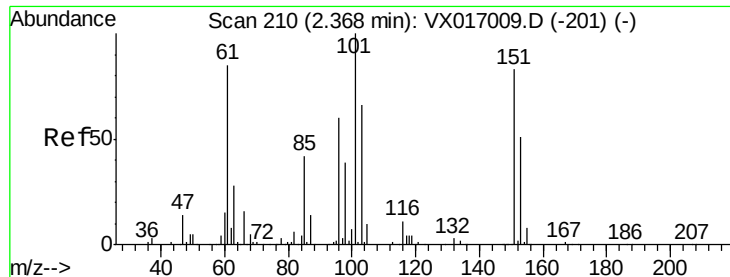


#8

Diethyl Ether
 Concen: 48.784 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX017139.D
 Acq: 02 Jul 2020 10:40

Tgt Ion: 74 Resp: 66366
 Ion Ratio Lower Upper
 74 100
 45 96.3 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.798 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

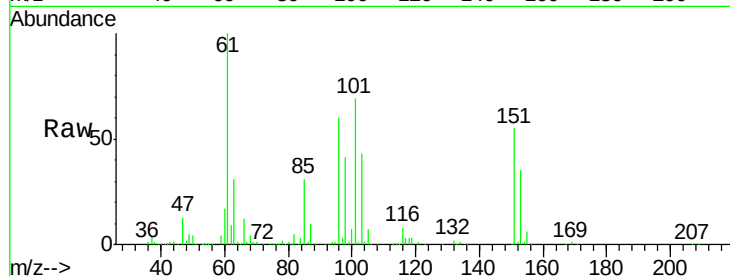
Tot Ion:101 Resp: 106154

Ion Ratio Lower Upper

101 100

85 44.0 33.5 50.3

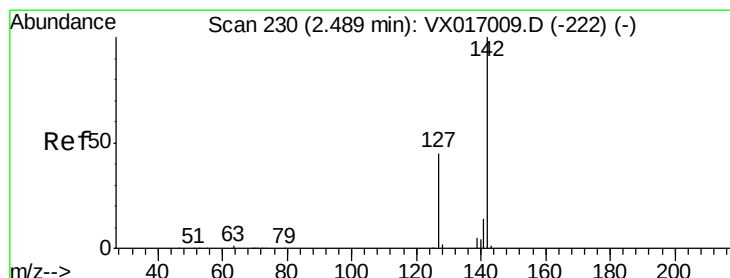
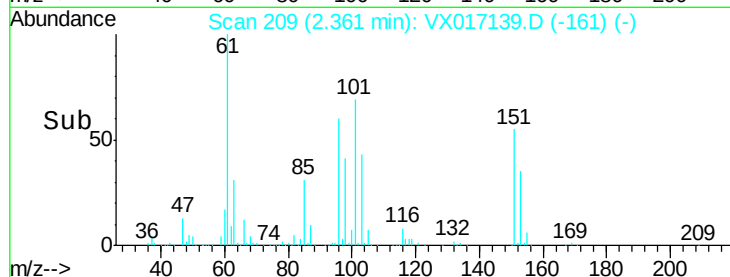
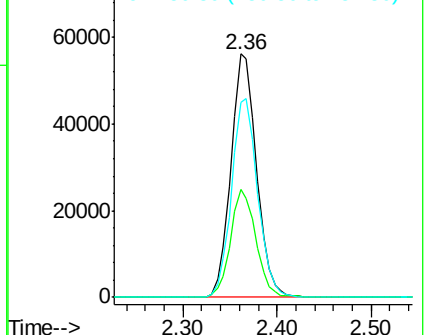
151 83.2 63.8 95.6



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: 46.800 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

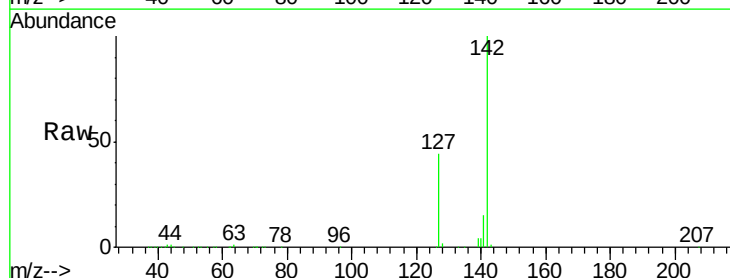
Tgt Ion:142 Resp: 146365

Ion Ratio Lower Upper

142 100

127 44.3 36.6 54.8

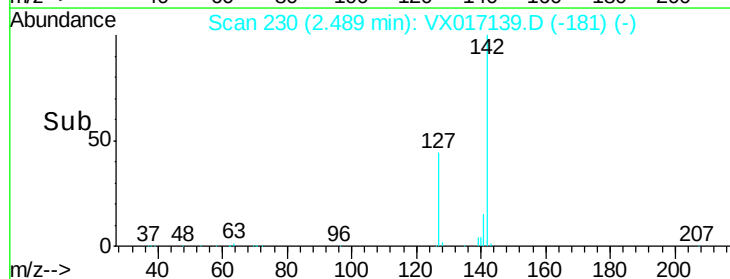
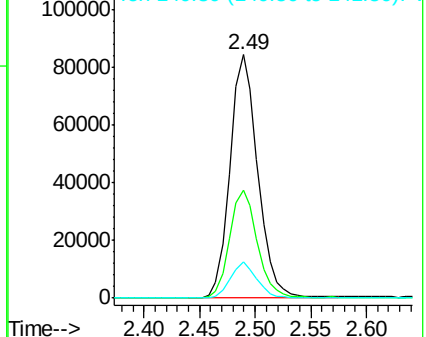
141 14.3 11.6 17.4

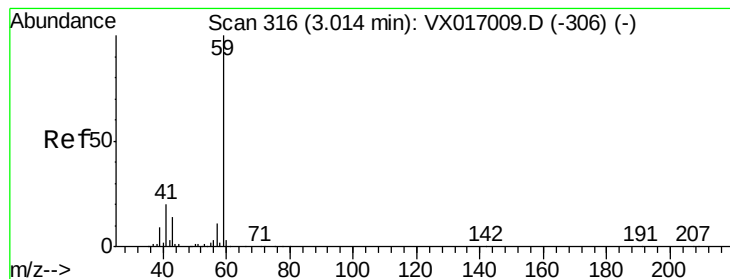


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



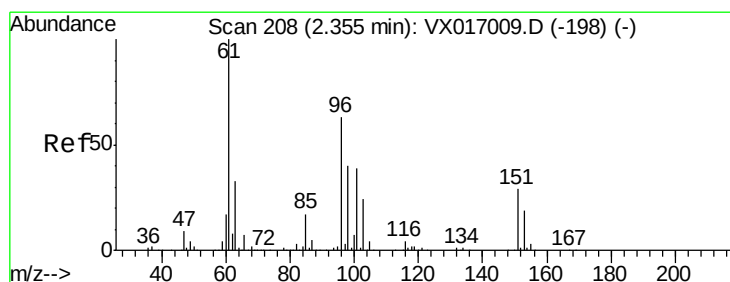
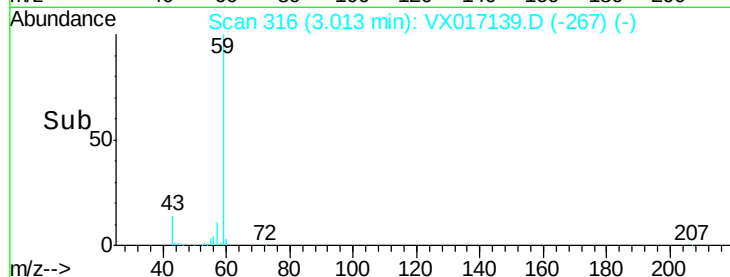
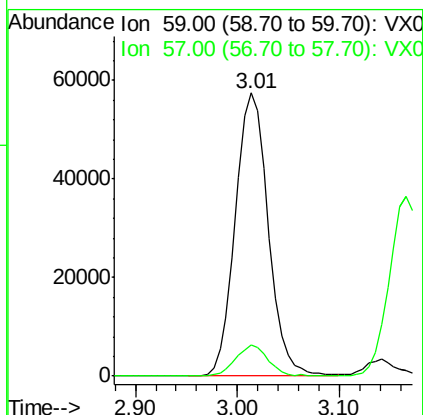
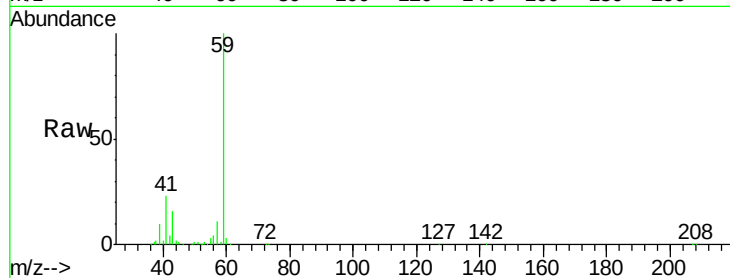


#11

Tert butyl alcohol
Concen: 218.305 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

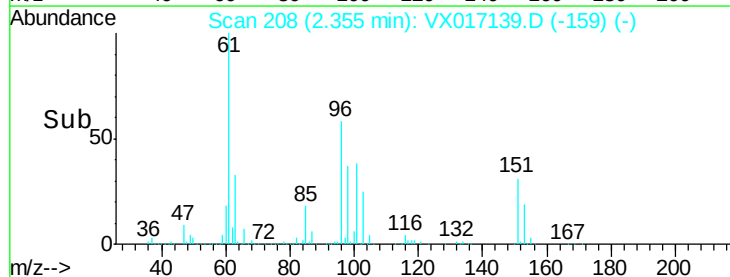
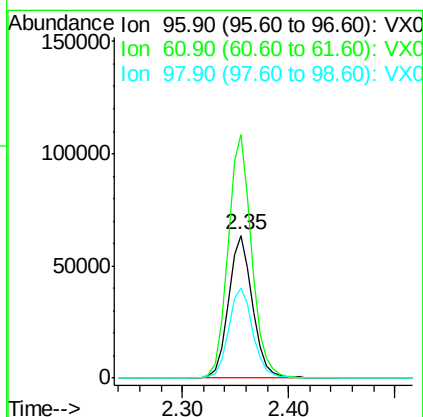
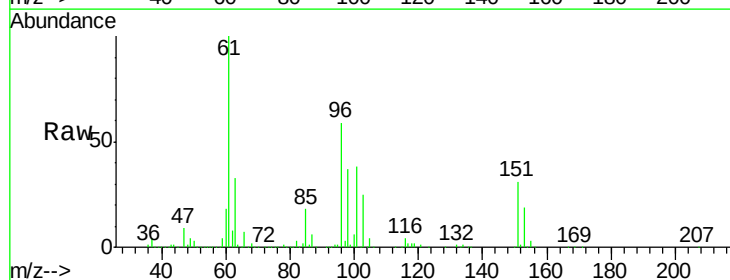
Tot Ion: 59 Resp: 129207
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.2

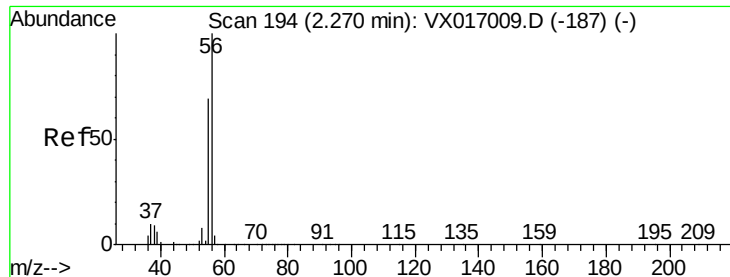


#12

1,1-Dichloroethene
Concen: 40.229 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

Tgt Ion: 96 Resp: 100164
Ion Ratio Lower Upper
96 100
61 170.6 126.3 189.5
98 63.4 51.0 76.6





#13

Acrolein

Concen: 228.317 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

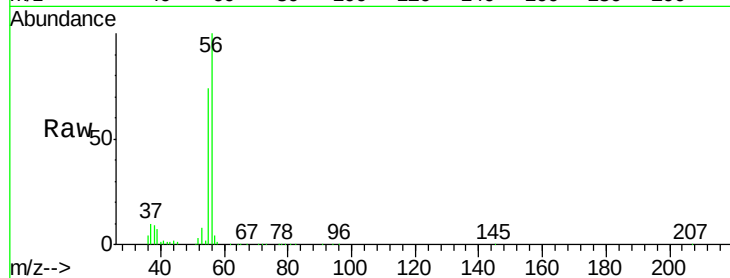
VSTDCCC050

Tot Ion: 56 Resp: 80780

Ion Ratio Lower Upper

56 100

55 71.8 55.7 83.5

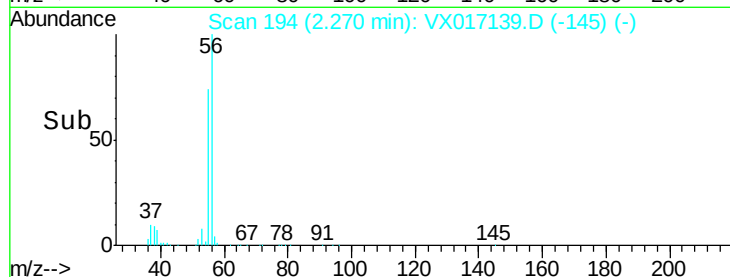


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

Time-->



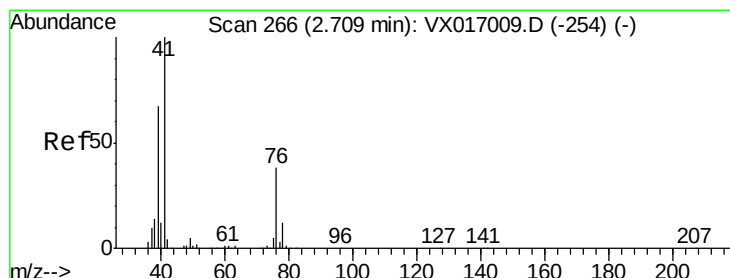
Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

Time-->



#14

Allyl chloride

Concen: 43.047 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

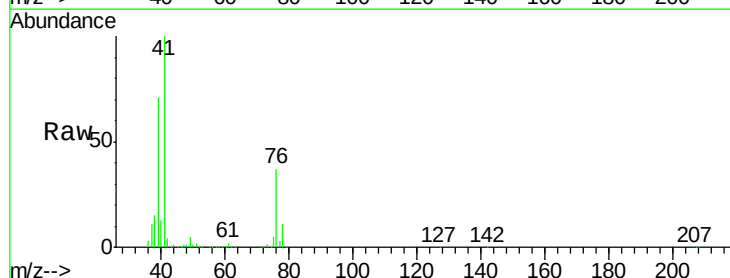
Tgt Ion: 41 Resp: 198079

Ion Ratio Lower Upper

41 100

39 64.9 49.4 74.2

76 34.1 26.8 40.2



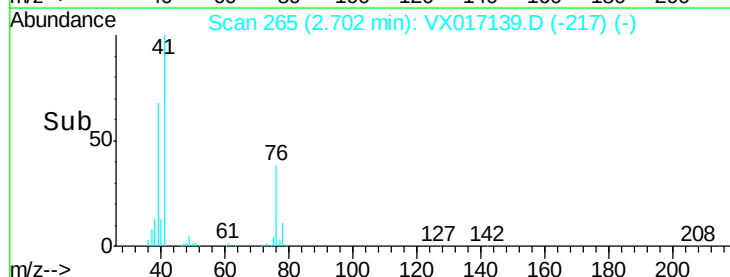
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.70

Time-->



Abundance

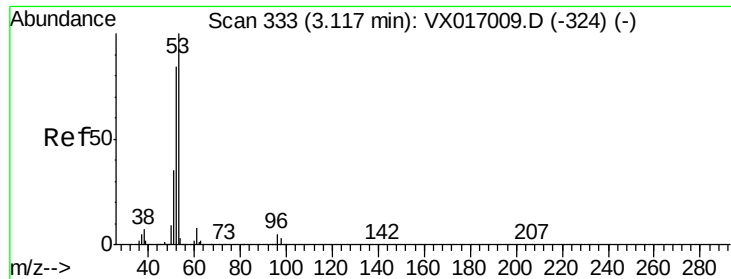
Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.70

Time-->



#15

Acrylonitrile

Concen: 224.875 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

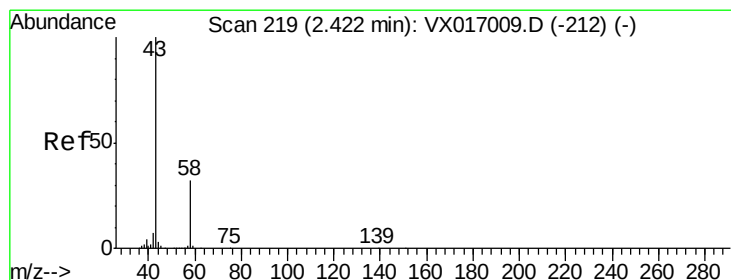
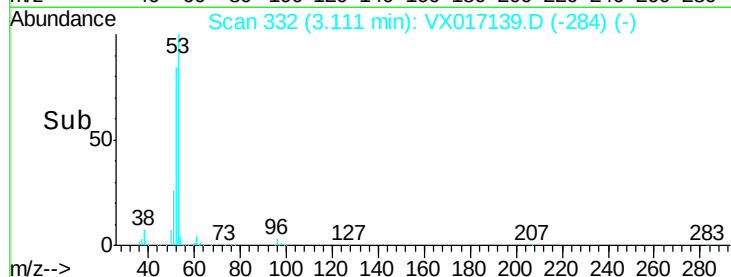
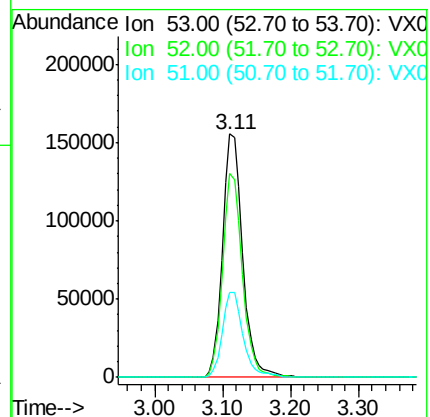
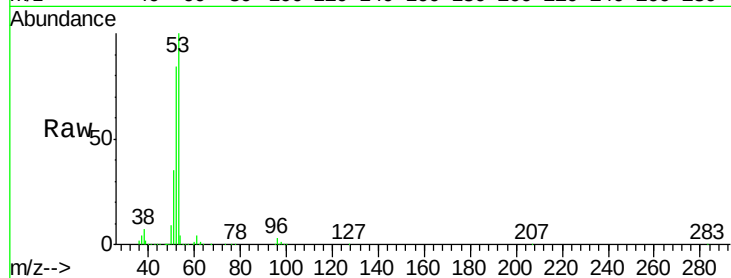
Tot Ion: 53 Resp: 319956

Ion Ratio Lower Upper

53 100

52 82.6 65.6 98.4

51 36.2 28.3 42.5



#16

Acetone

Concen: 211.700 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017139.D

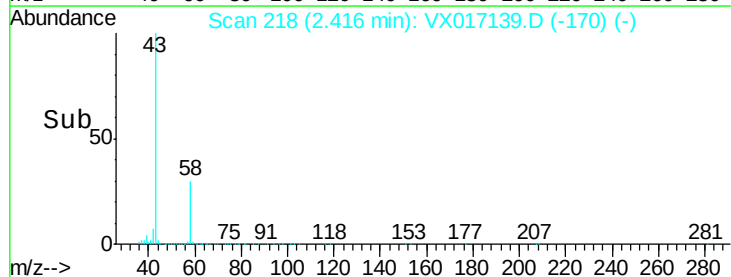
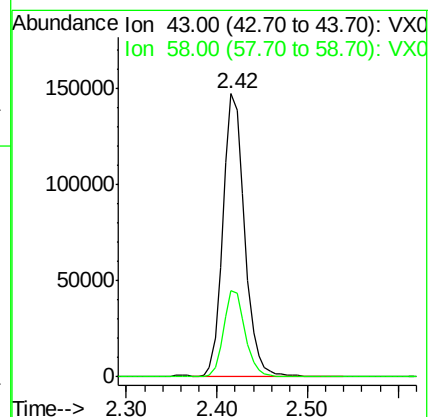
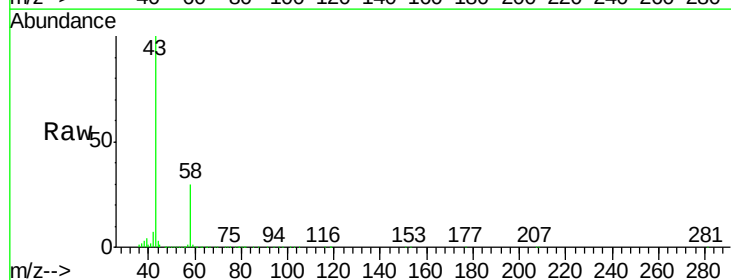
Acq: 02 Jul 2020 10:40

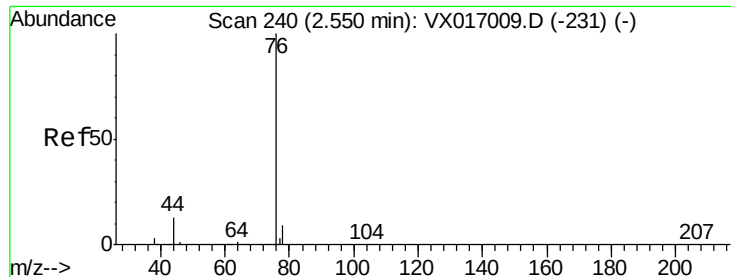
Tgt Ion: 43 Resp: 245703

Ion Ratio Lower Upper

43 100

58 30.2 25.7 38.5





#17

Carbon Disulfide

Concen: 45.940 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

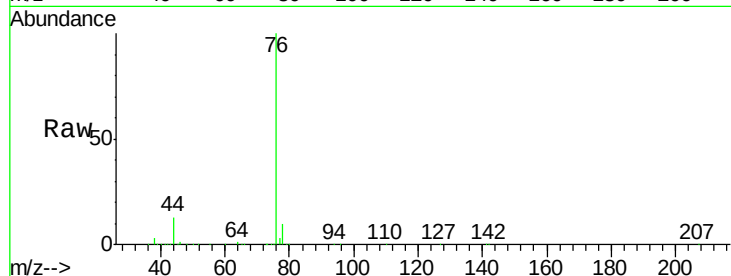
VSTDCCC050

Tot Ion: 76 Resp: 319175

Ion Ratio Lower Upper

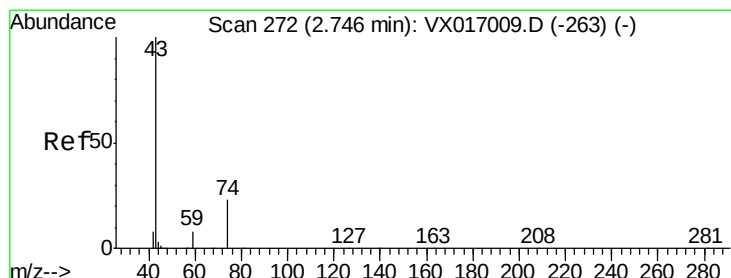
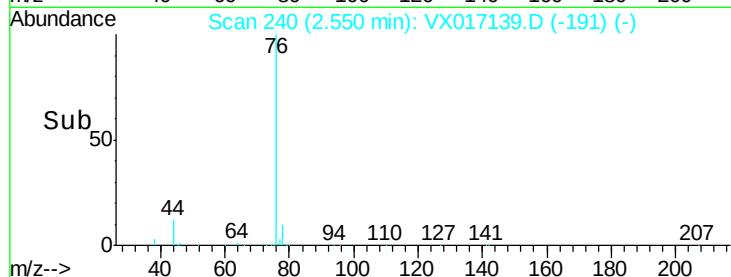
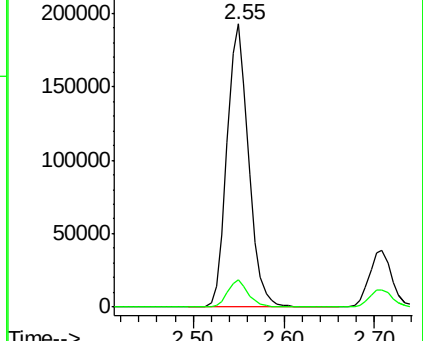
76 100

78 9.7 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: 45.326 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX017139.D

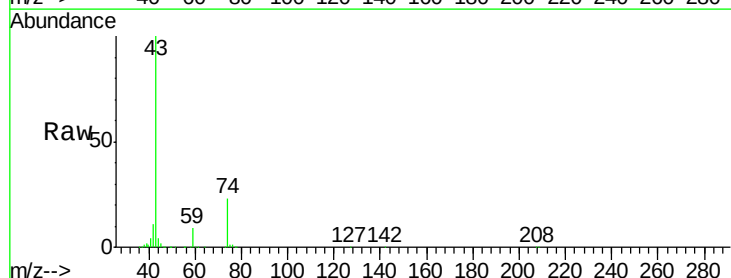
Acq: 02 Jul 2020 10:40

Tgt Ion: 43 Resp: 137330

Ion Ratio Lower Upper

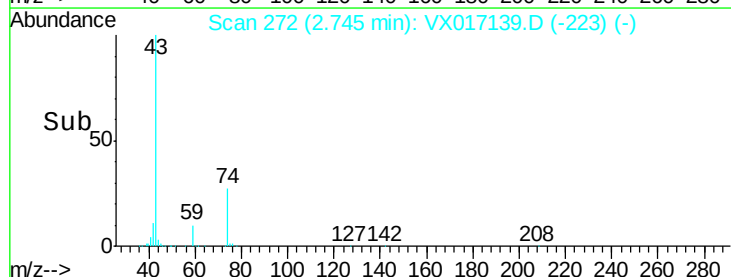
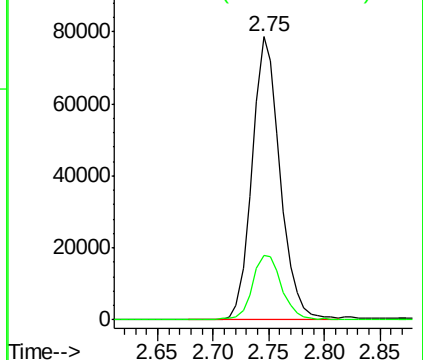
43 100

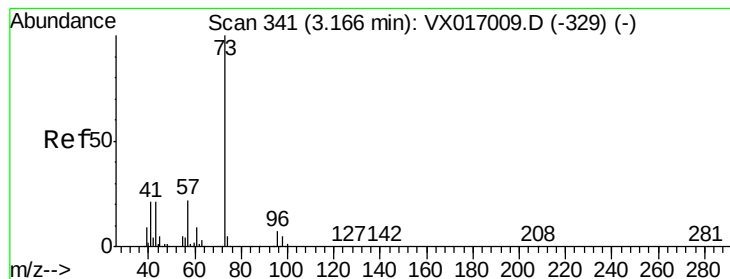
74 24.4 19.3 28.9



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: 47.425 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

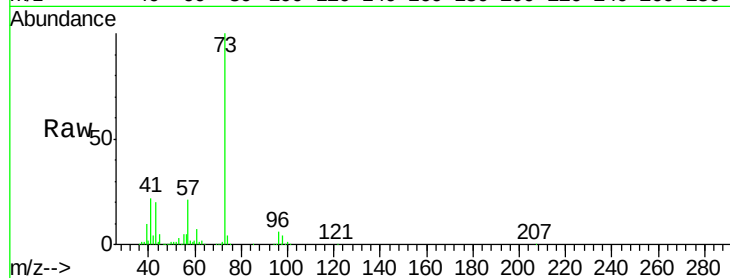
VSTDCCC050

Tot Ion: 73 Resp: 396303

Ion Ratio Lower Upper

73 100

57 21.4 17.6 26.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

200000

150000

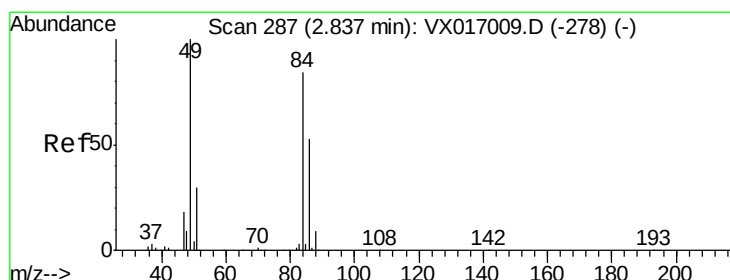
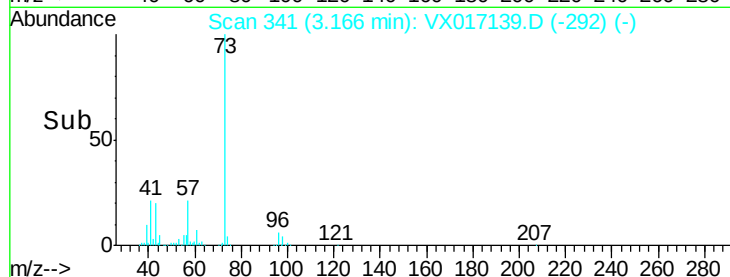
100000

50000

0

3.00 3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 48.738 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Tgt Ion: 84 Resp: 129784

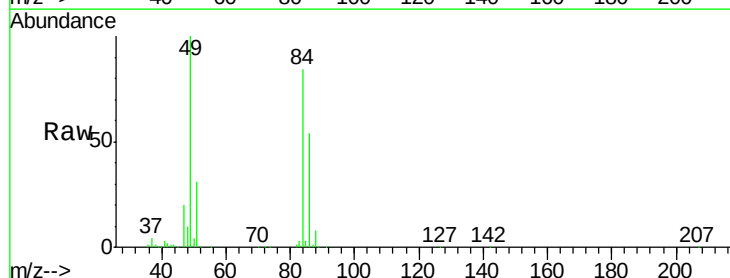
Ion Ratio Lower Upper

84 100

49 119.4 94.7 142.1

51 37.5 28.6 42.8

86 64.6 50.5 75.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

120000

100000

80000

60000

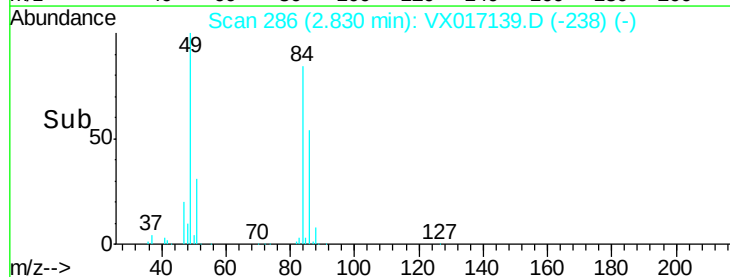
40000

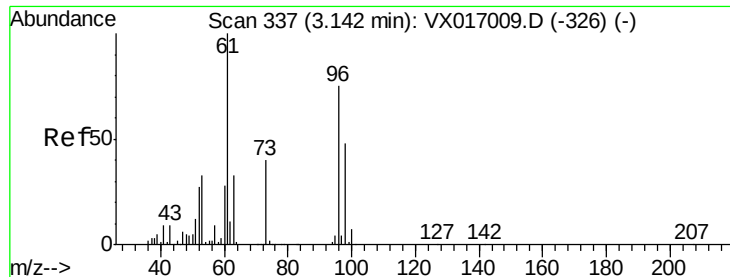
20000

0

2.70 2.80 2.90

Time-->





#21

trans-1,2-Dichloroethene

Concen: 46.595 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

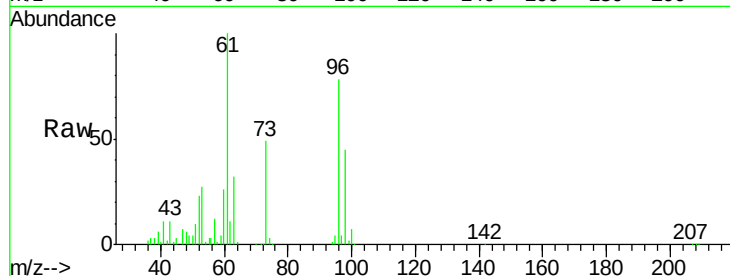
Tot Ion: 96 Resp: 128747

Ion Ratio Lower Upper

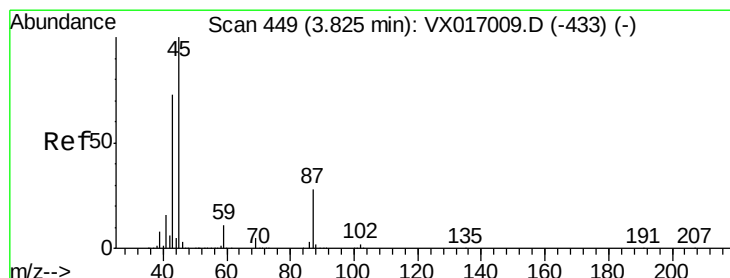
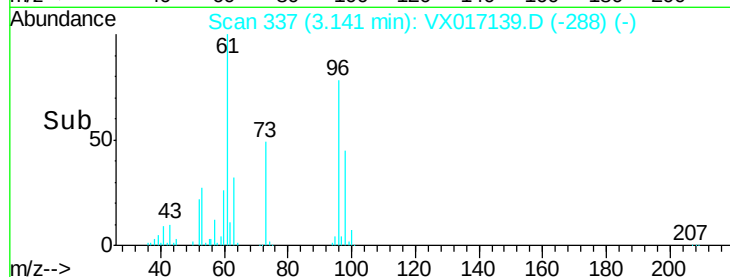
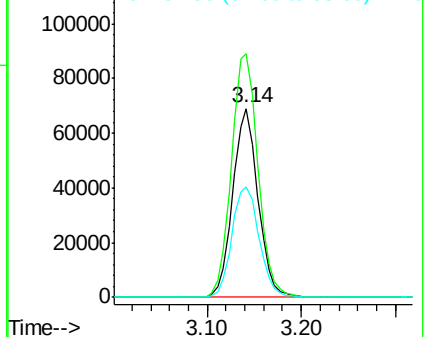
96 100

61 128.8 107.0 160.6

98 58.3 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: 46.436 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Tgt Ion: 45 Resp: 395471

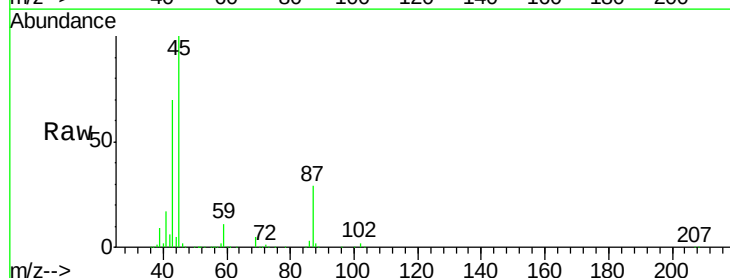
Ion Ratio Lower Upper

45 100

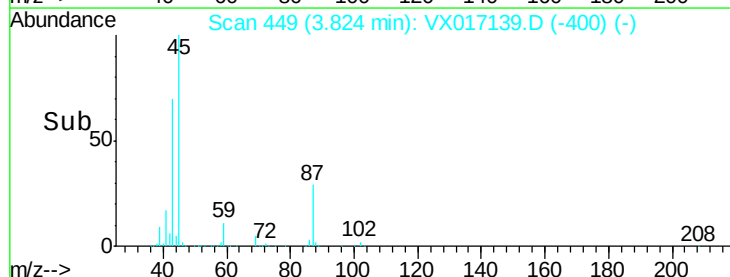
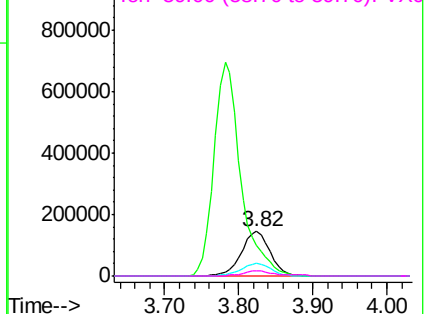
43 69.0 58.6 88.0

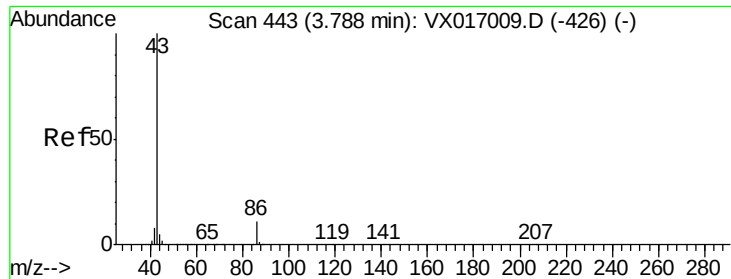
87 28.8 22.6 34.0

59 11.3 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: 237.810 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

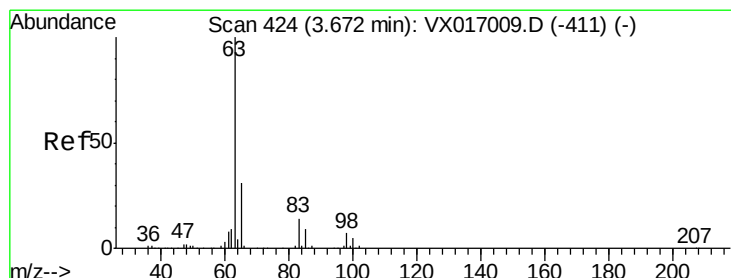
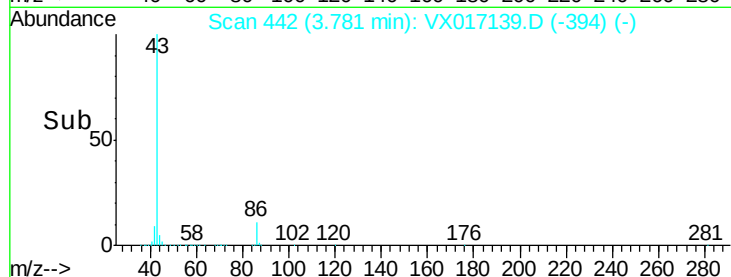
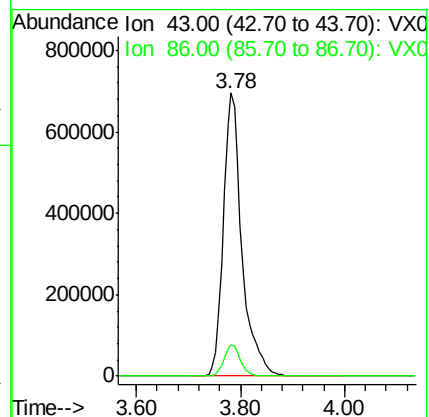
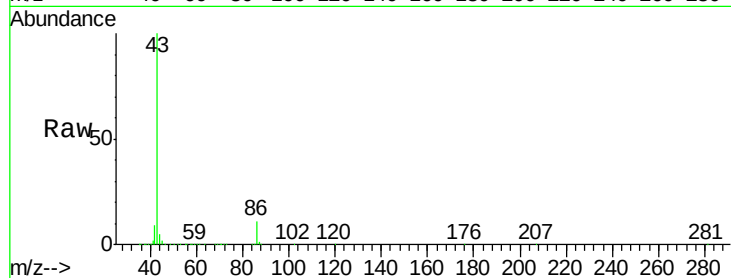
VSTDCCC050

Tot Ion: 43 Resp: 1740364

Ion Ratio Lower Upper

43 100

86 11.1 8.6 13.0



#24

1,1-Dichloroethane

Concen: 45.778 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

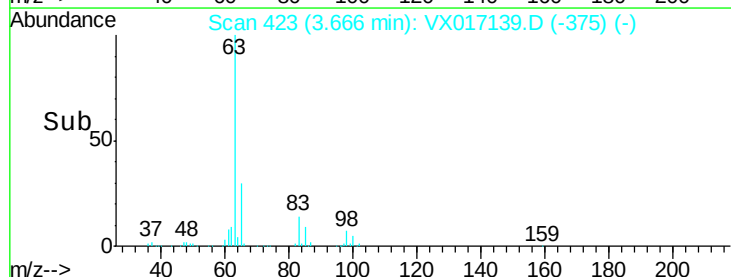
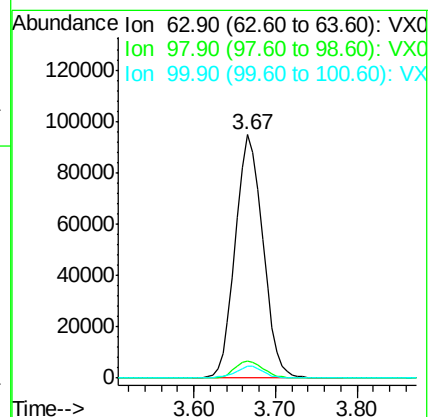
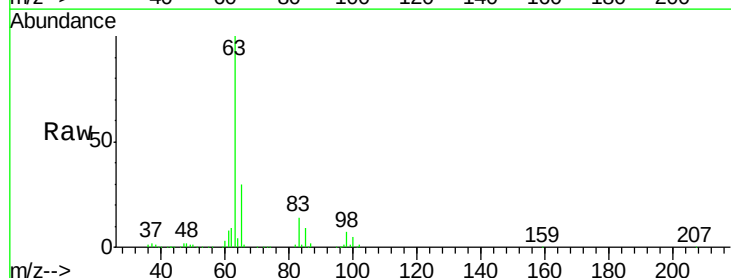
Tgt Ion: 63 Resp: 221833

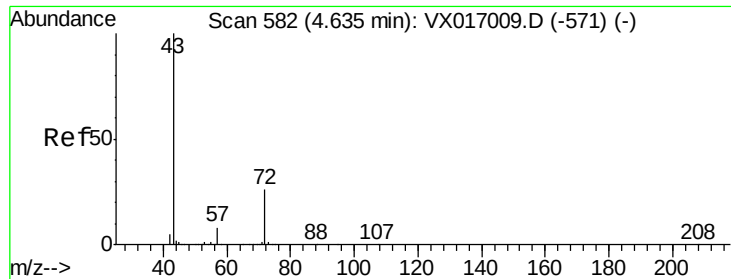
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 219.045 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

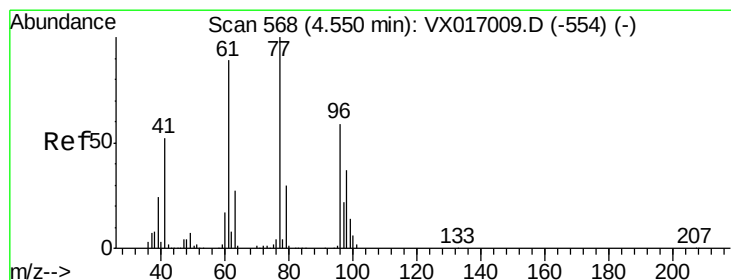
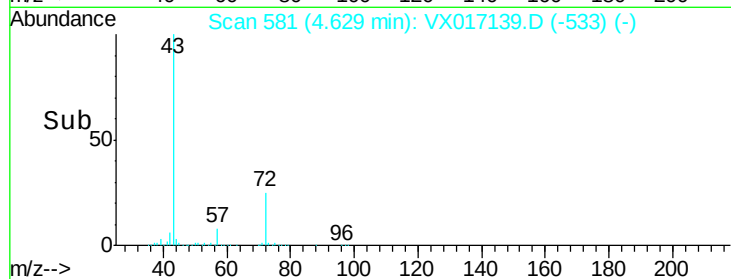
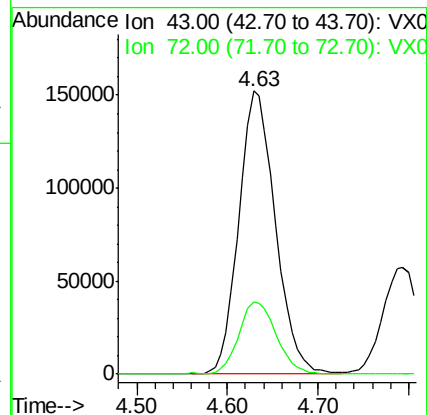
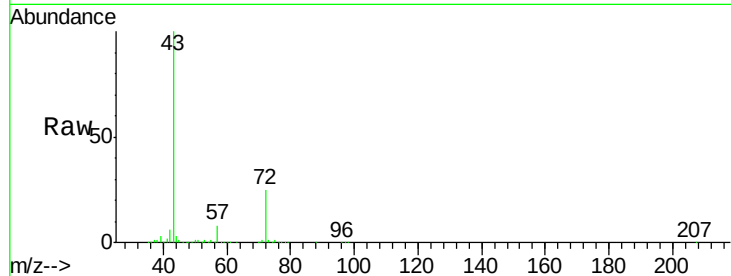
VSTDCCC050

Tot Ion: 43 Resp: 423609

Ion Ratio Lower Upper

43 100

72 25.4 20.8 31.2



#26

2,2-Dichloropropane

Concen: 46.600 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017139.D

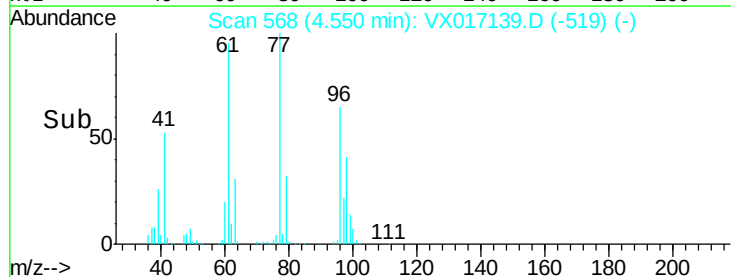
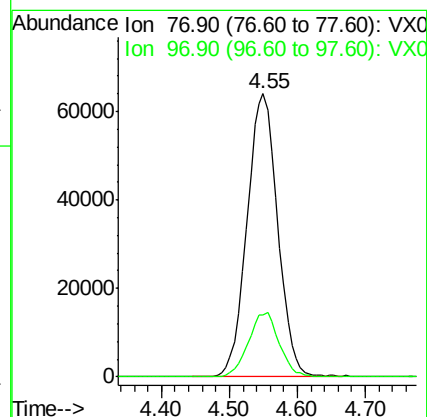
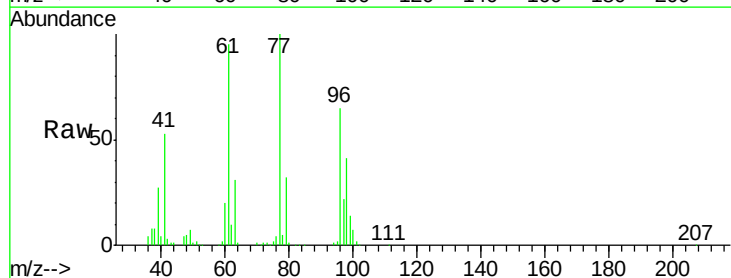
Acq: 02 Jul 2020 10:40

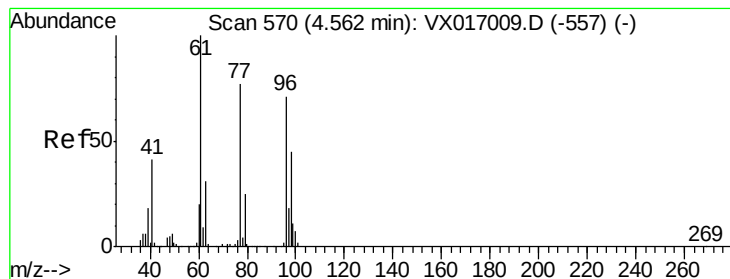
Tgt Ion: 77 Resp: 200503

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.2



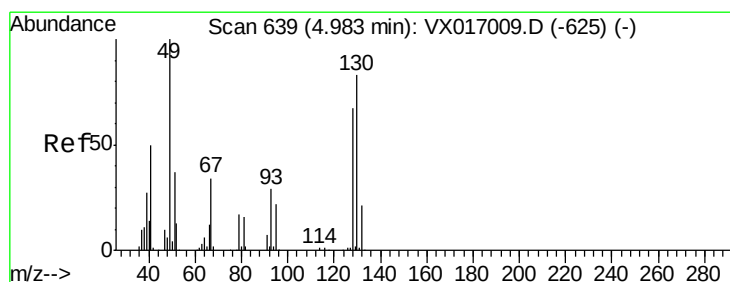
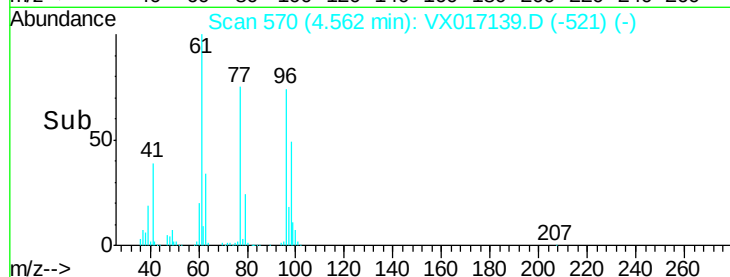
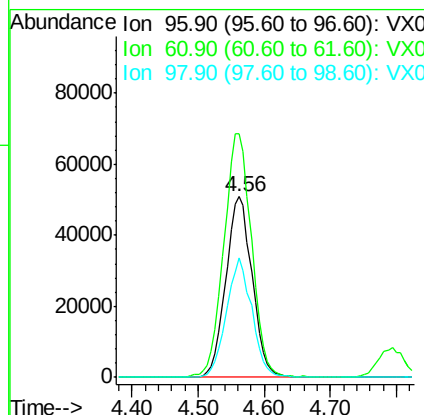
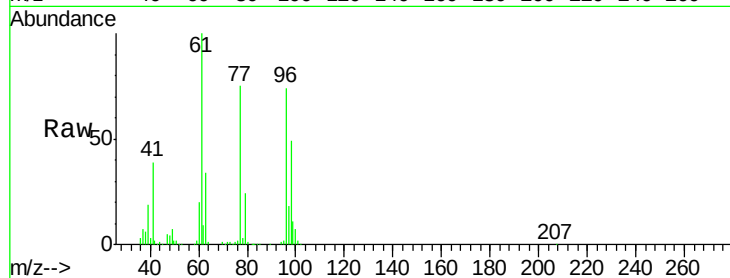


#27

cis-1,2-Dichloroethene
Concen: 44.888 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

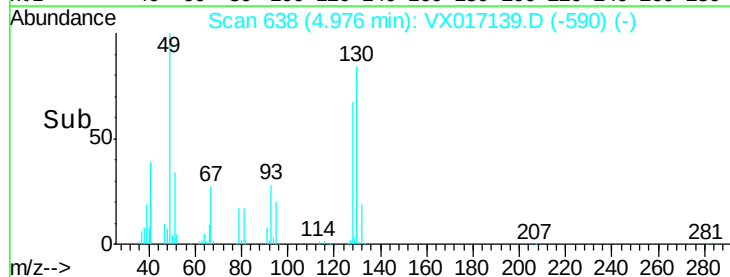
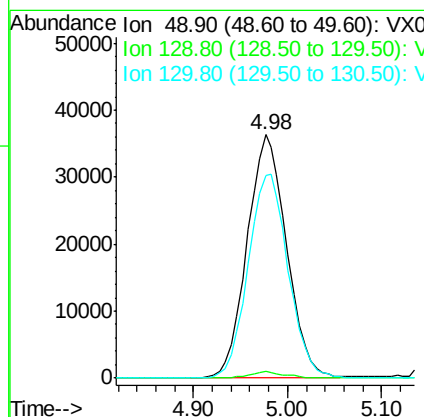
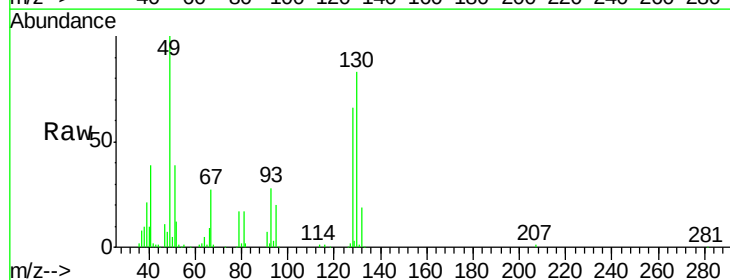
Tot Ion	96	Resp	140534
Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	282.8
98	63.6	0.0	127.6

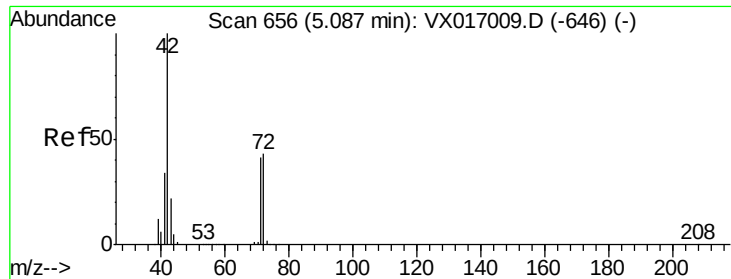


#28

Bromochloromethane
Concen: 45.127 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

Tgt Ion	49	Resp	106413
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	85.5	66.6	100.0





#29

Tetrahydrofuran

Concen: 218.064 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

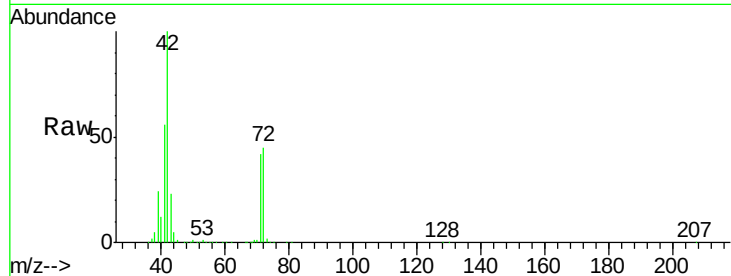
Tot Ion: 42 Resp: 278634

Ion Ratio Lower Upper

42 100

72 45.9 35.3 52.9

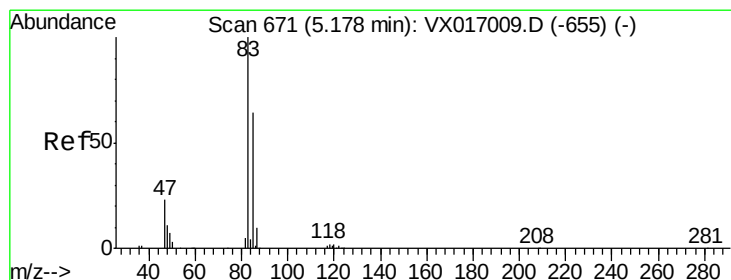
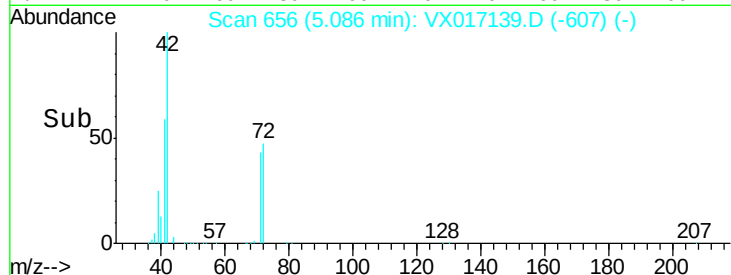
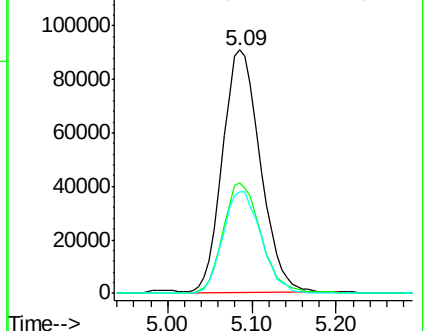
71 42.4 33.1 49.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 46.751 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017139.D

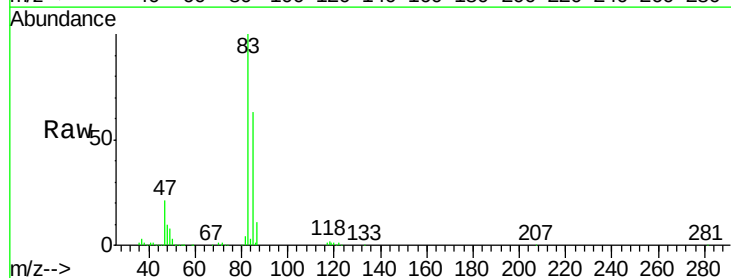
Acq: 02 Jul 2020 10:40

Tgt Ion: 83 Resp: 232237

Ion Ratio Lower Upper

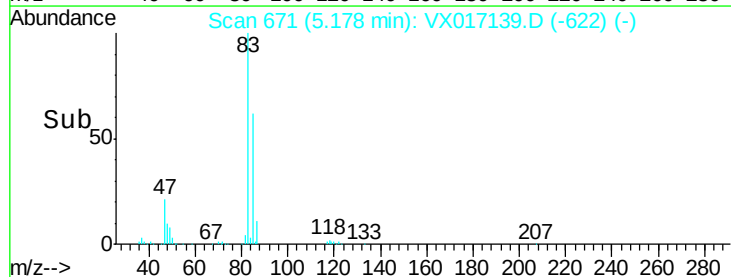
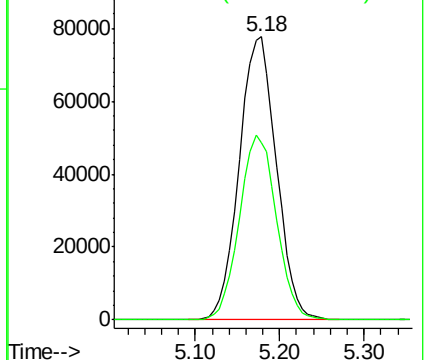
83 100

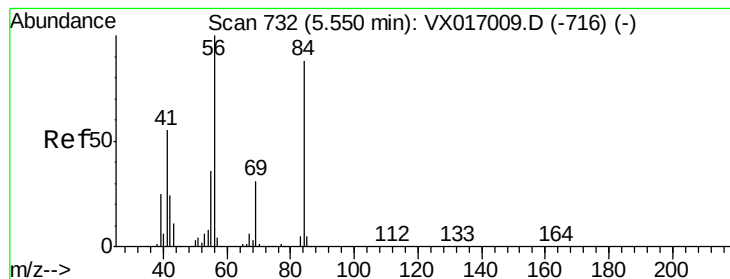
85 62.8 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 45.680 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

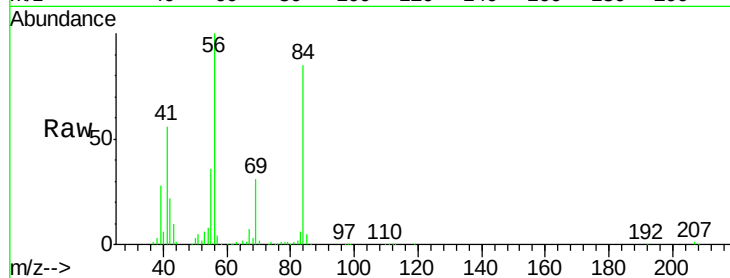
Tot Ion: 56 Resp: 191335

Ion Ratio Lower Upper

56 100

69 31.1 25.0 37.4

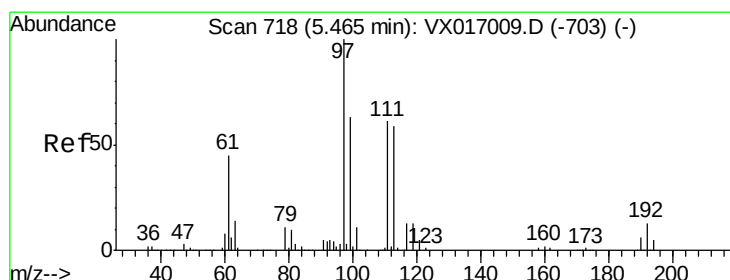
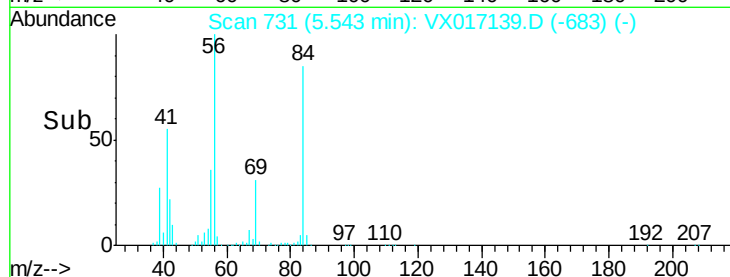
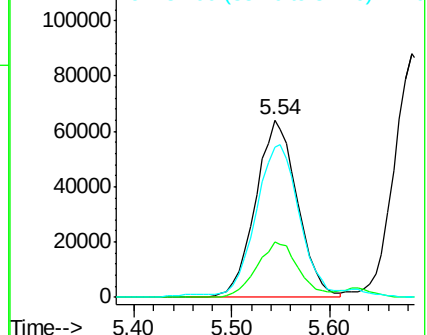
84 83.1 69.1 103.7



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: 46.698 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

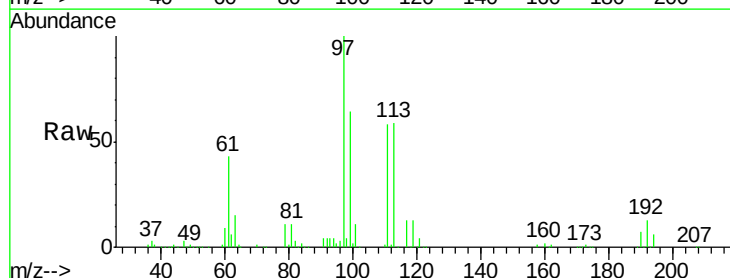
Tgt Ion: 97 Resp: 213635

Ion Ratio Lower Upper

97 100

99 64.4 50.8 76.2

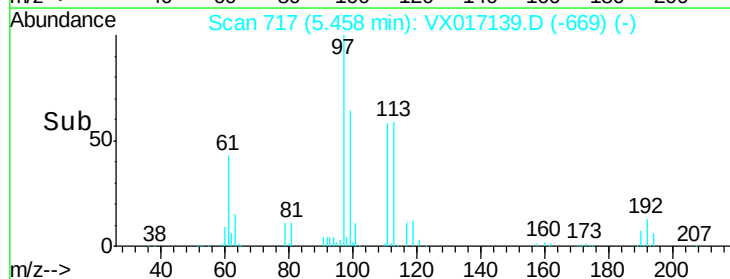
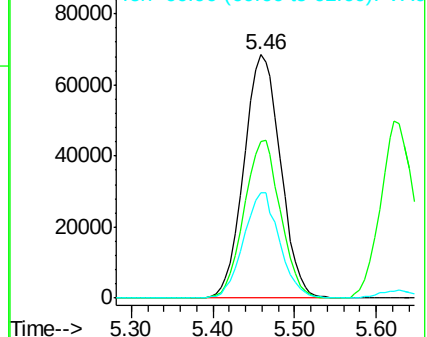
61 42.5 33.7 50.5

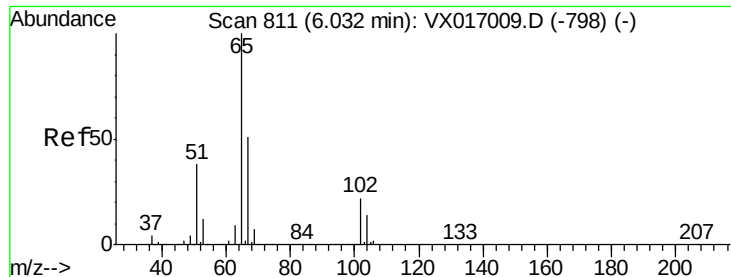


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

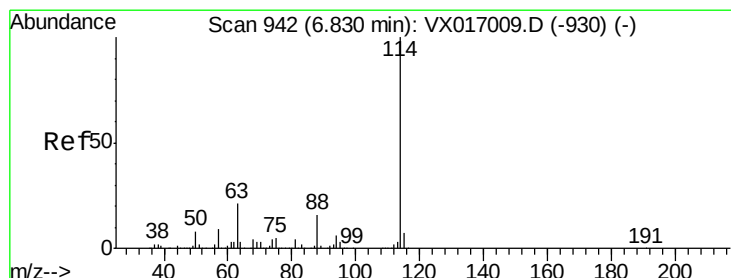
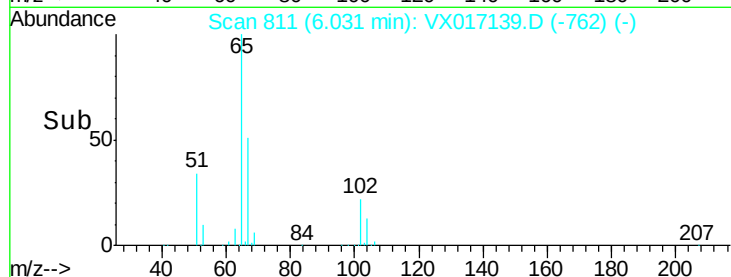
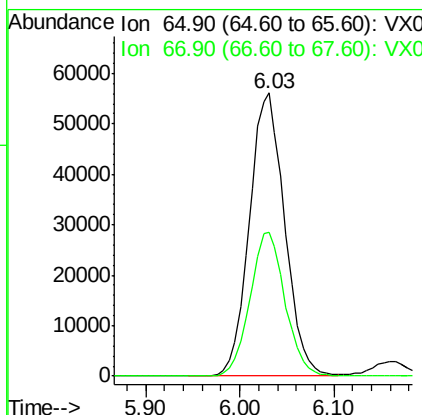
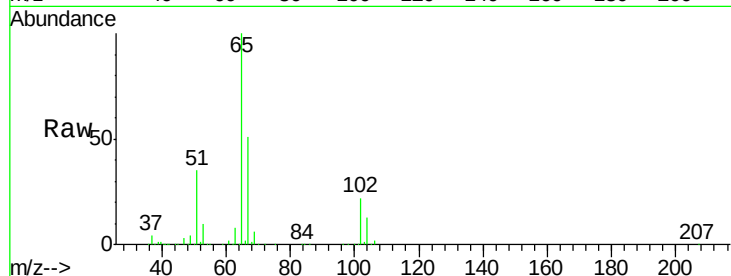




#33
 1,2-Dichloroethane-d4
 Concen: 47.537 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017139.D
 Acq: 02 Jul 2020 10:40

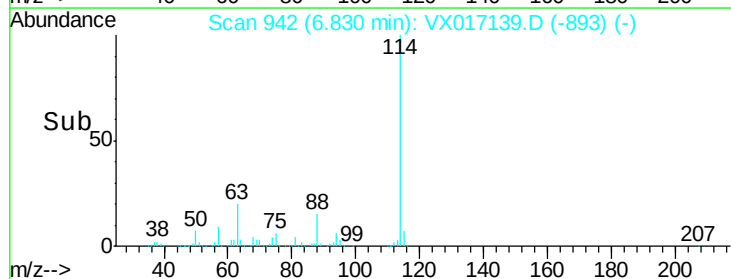
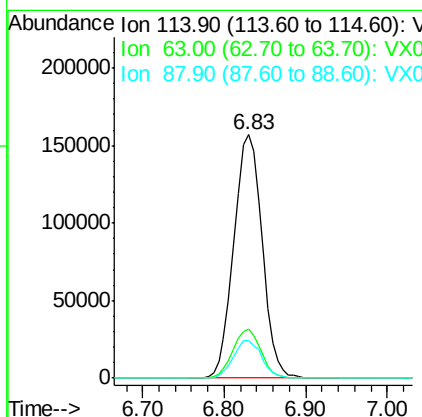
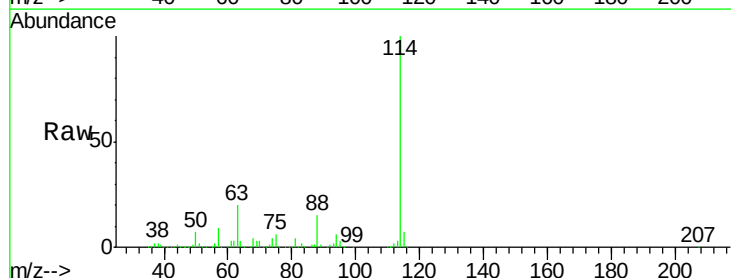
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

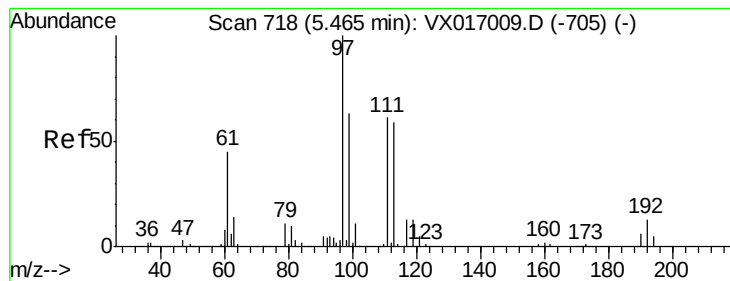
Tot Ion: 65 Resp: 147483
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017139.D
 Acq: 02 Jul 2020 10:40

Tgt Ion: 114 Resp: 377274
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 15.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.103 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

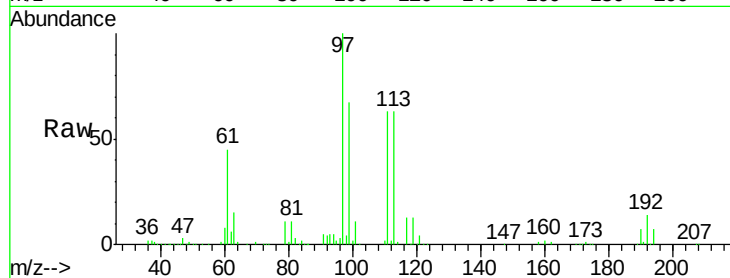
Tot Ion:113 Resp: 117185

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

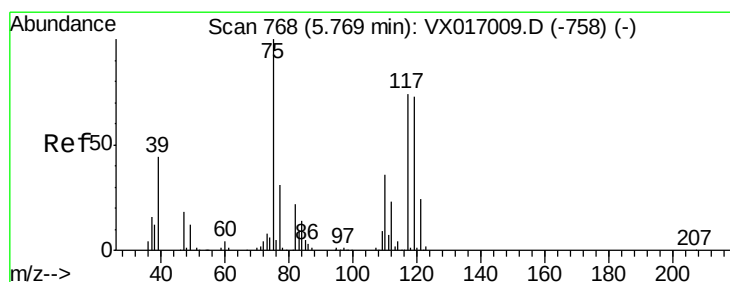
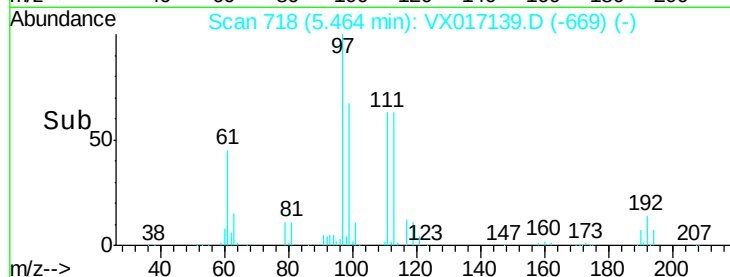
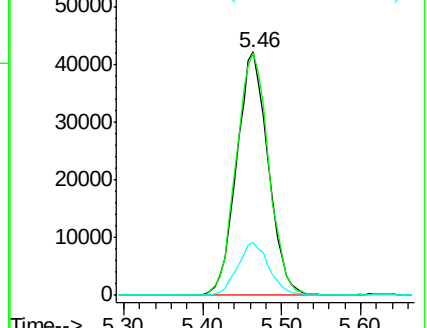
192 21.6 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.134 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

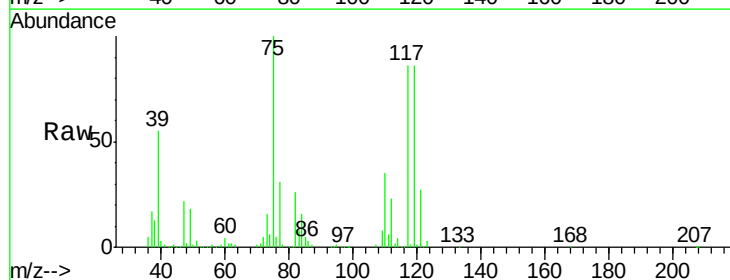
Tgt Ion: 75 Resp: 171630

Ion Ratio Lower Upper

75 100

110 36.6 18.1 54.1

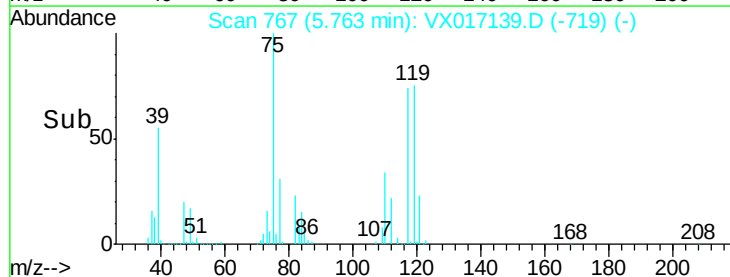
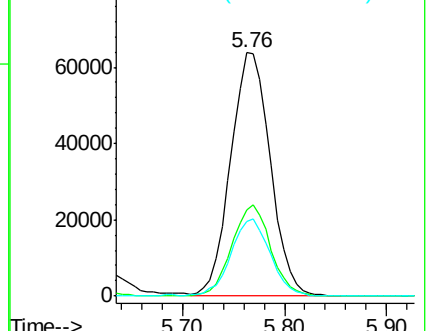
77 31.1 24.6 37.0

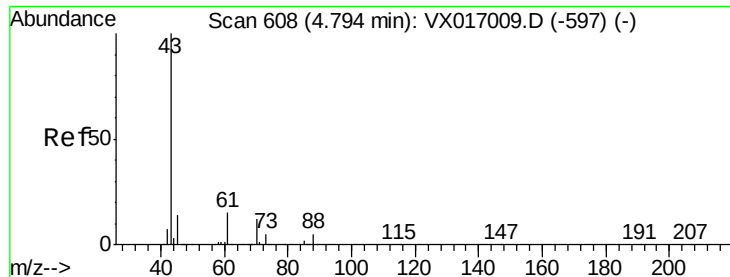


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 46.670 ug/l

RT: 4.79 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

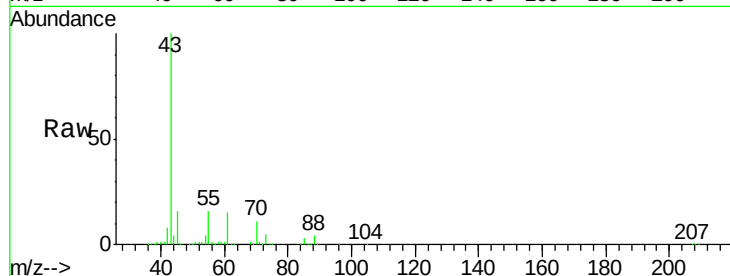
Tot Ion: 43 Resp: 168841

Ion Ratio Lower Upper

43 100

61 13.9 11.0 16.4

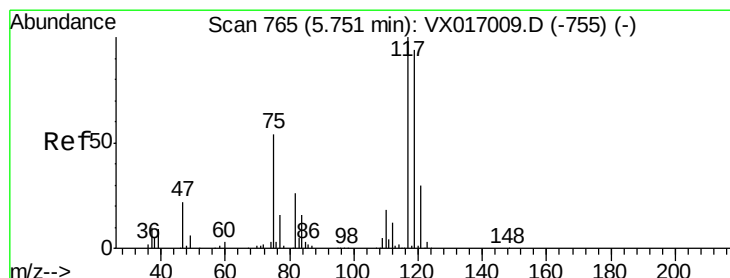
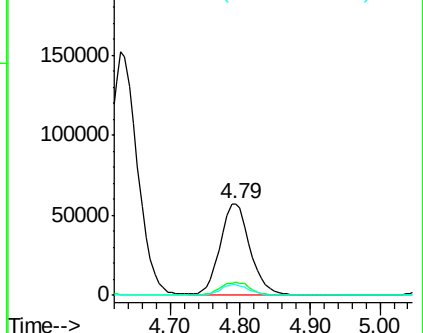
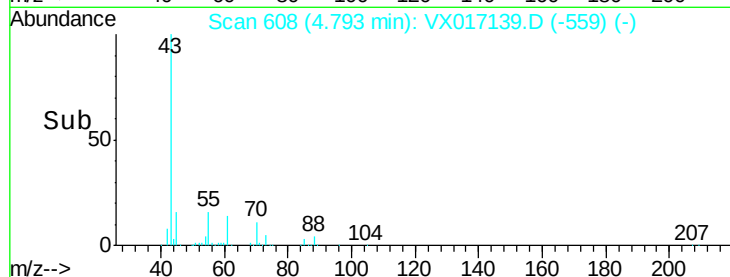
70 11.5 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX017139.D (-559) (-)

Ion 60.90 (60.60 to 61.60): VX017139.D (-559) (-)

Ion 70.00 (69.70 to 70.70): VX017139.D (-559) (-)



#38

Carbon Tetrachloride

Concen: 50.237 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

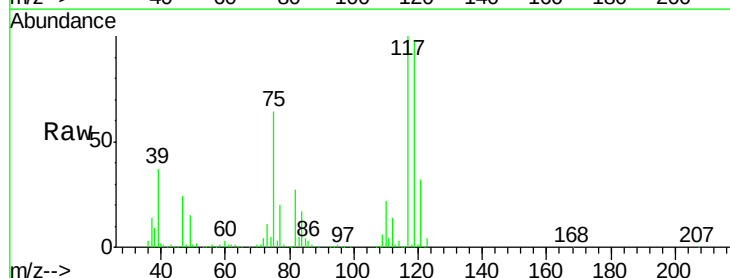
Tgt Ion: 117 Resp: 197297

Ion Ratio Lower Upper

117 100

119 98.3 75.4 113.0

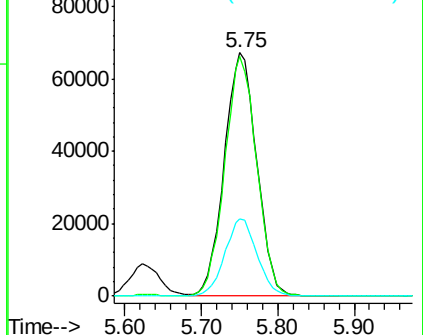
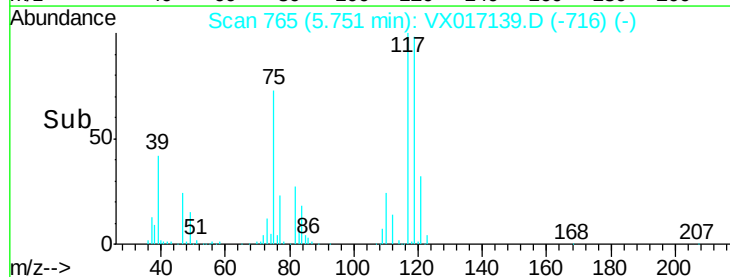
121 31.6 23.8 35.6

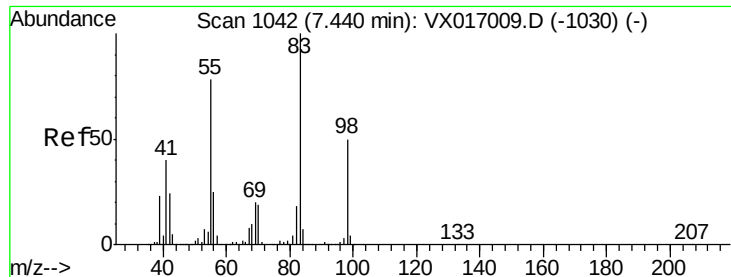


Abundance Ion 116.80 (116.50 to 117.50): VX017139.D (-716) (-)

Ion 118.80 (118.50 to 119.50): VX017139.D (-716) (-)

Ion 120.80 (120.50 to 121.50): VX017139.D (-716) (-)

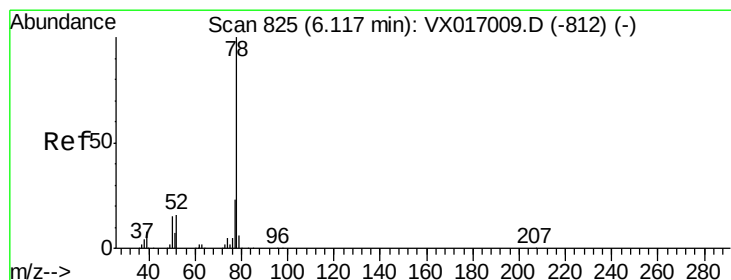
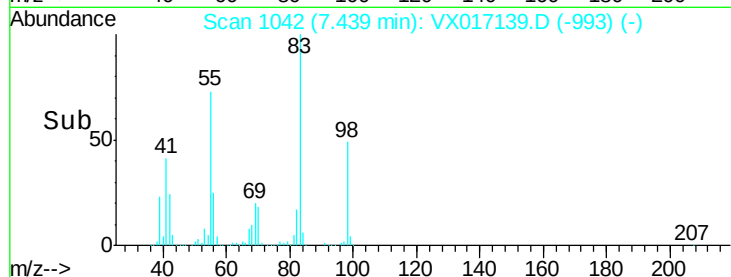
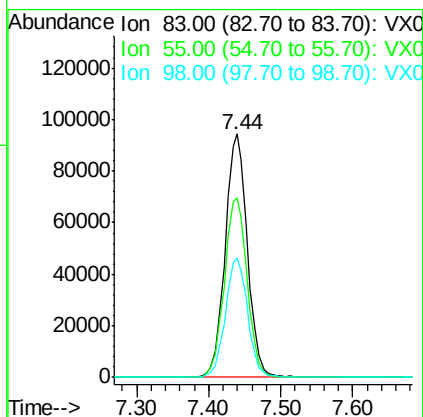
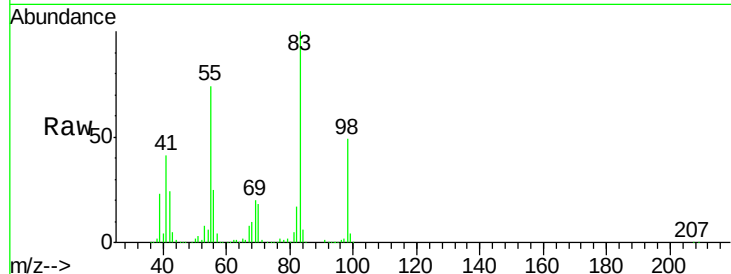




#39
Methylvlcyclohexane
Concen: 50.870 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

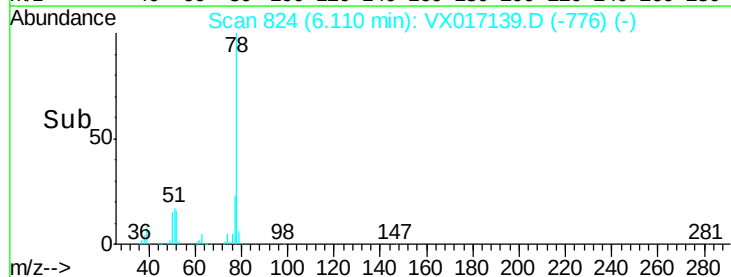
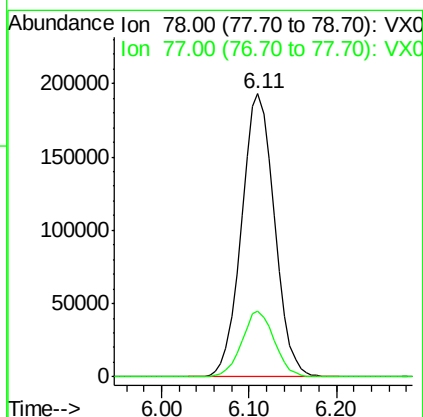
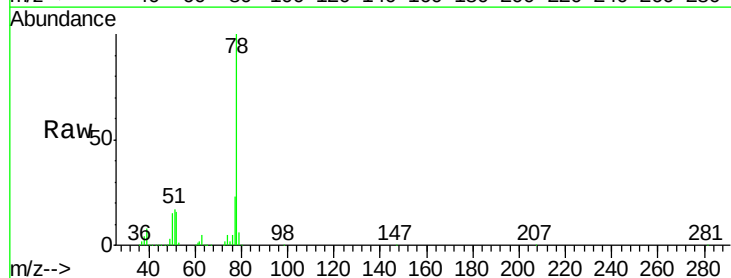
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

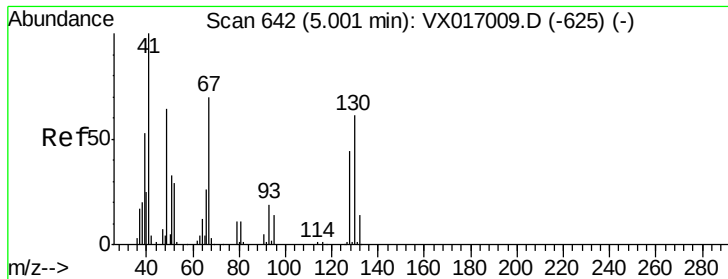
Tot Ion: 83 Resp: 201818
Ion Ratio Lower Upper
83 100
55 73.4 62.5 93.7
98 49.2 40.1 60.1



#40
Benzene
Concen: 48.161 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

Tgt Ion: 78 Resp: 504568
Ion Ratio Lower Upper
78 100
77 23.1 18.3 27.5

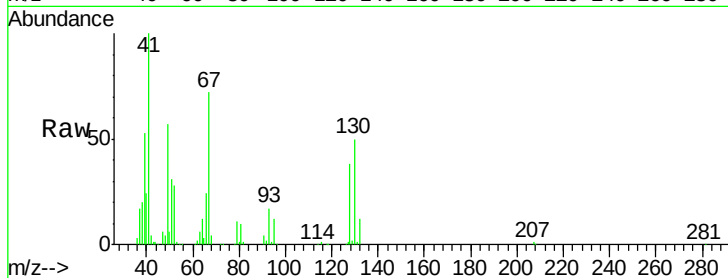




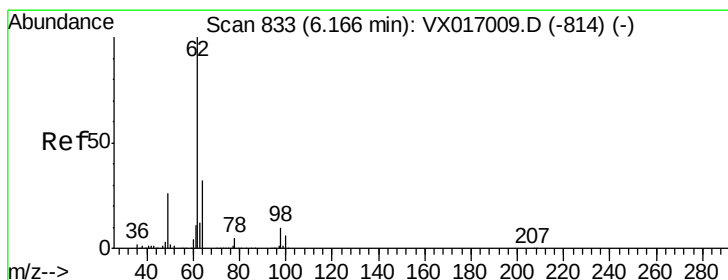
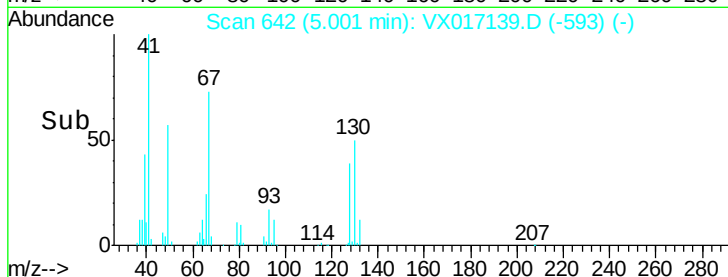
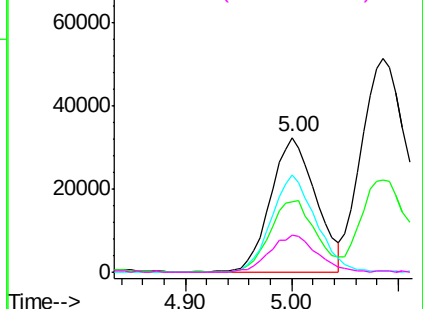
#41
Methacrylonitrile
Concen: 46.518 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	94719
Ion	Ratio	Lower	Upper
41	100		
39	54.2	44.4	66.6
67	71.7	57.1	85.7
52	29.0	23.2	34.8

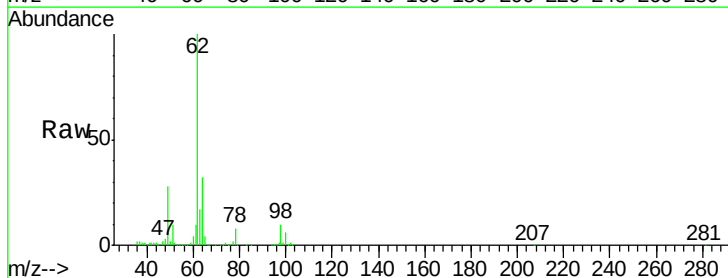


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

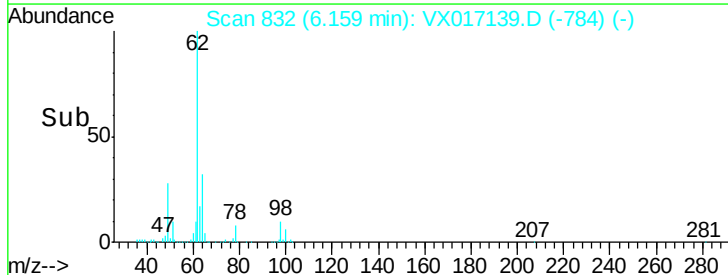
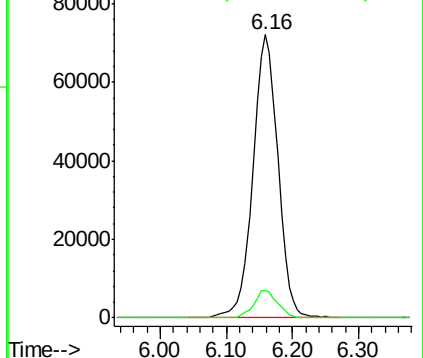


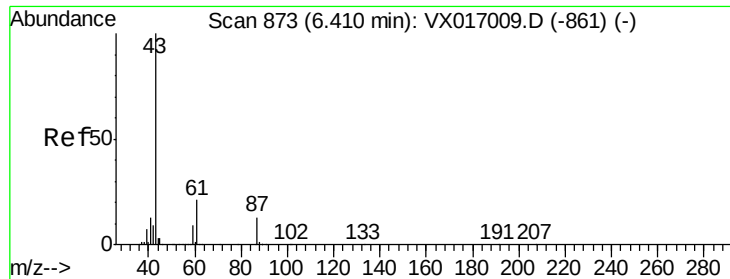
#42
1,2-Dichloroethane
Concen: 50.282 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

Tgt Ion:	62	Resp:	190279
Ion	Ratio	Lower	Upper
62	100		
98	9.3	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: 46.306 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

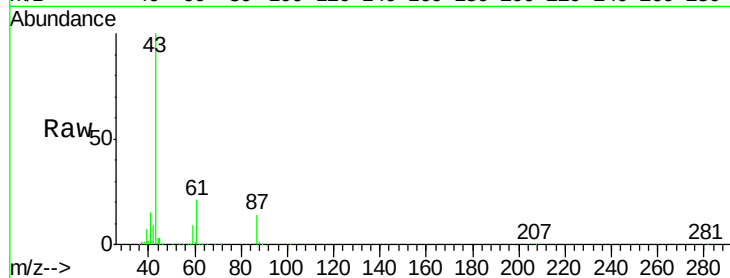
Tot Ion: 43 Resp: 278376

Ion Ratio Lower Upper

43 100

61 20.4 16.2 24.2

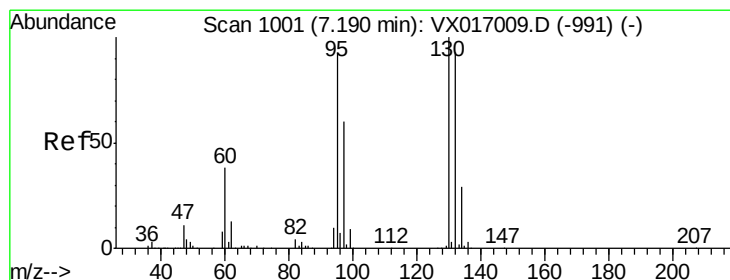
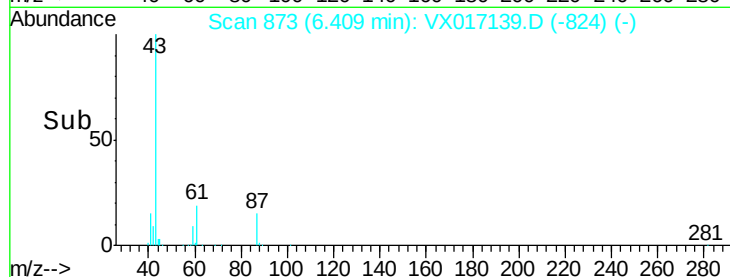
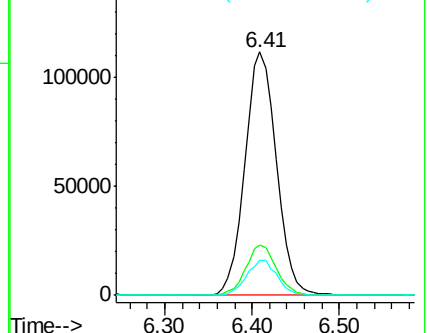
87 14.1 10.7 16.1



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: 50.532 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017139.D

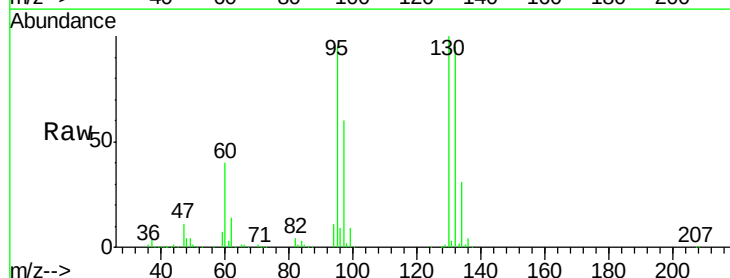
Acq: 02 Jul 2020 10:40

Tgt Ion: 130 Resp: 146078

Ion Ratio Lower Upper

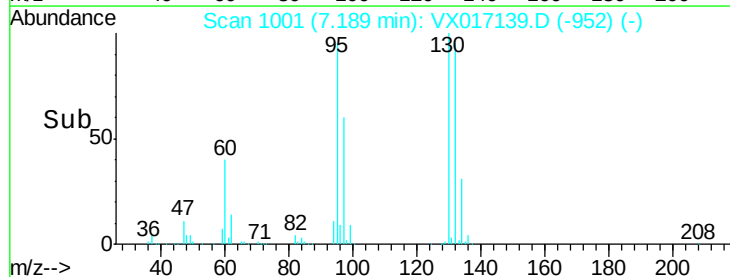
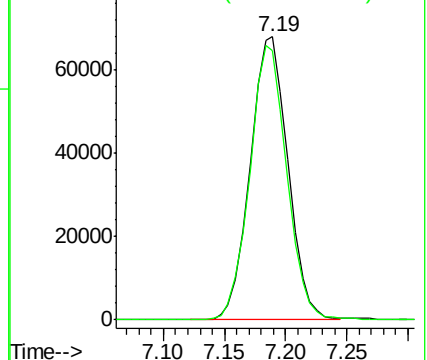
130 100

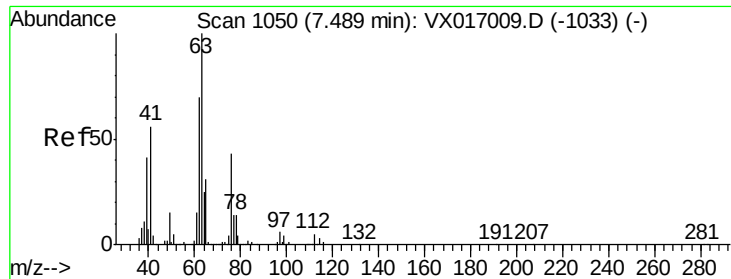
95 95.0 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

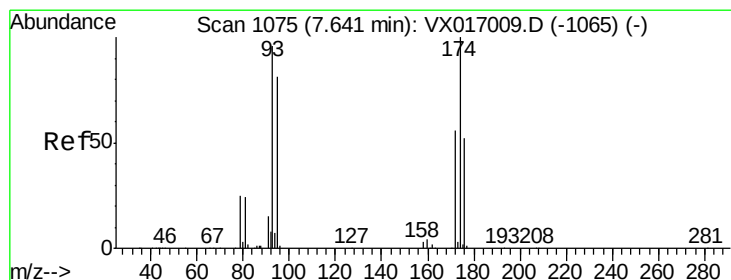
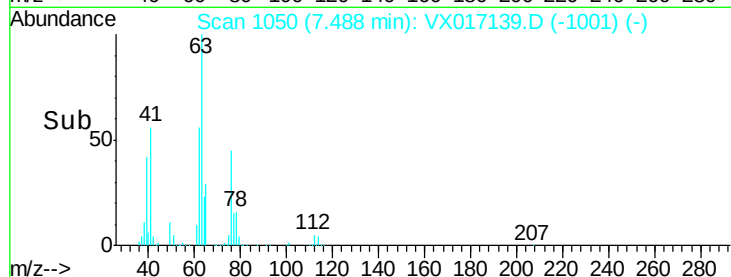
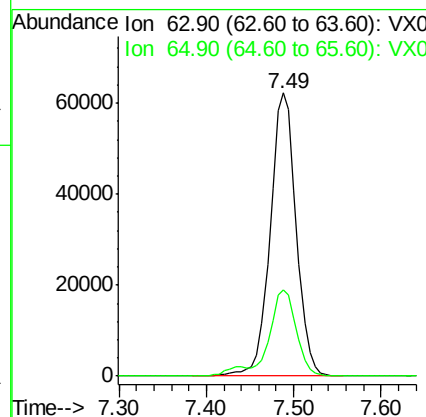
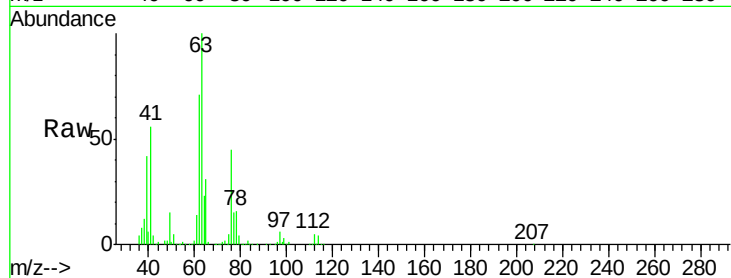




#45
 1,2-Dichloropropane
 Concen: 48.222 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017139.D
 Acq: 02 Jul 2020 10:40

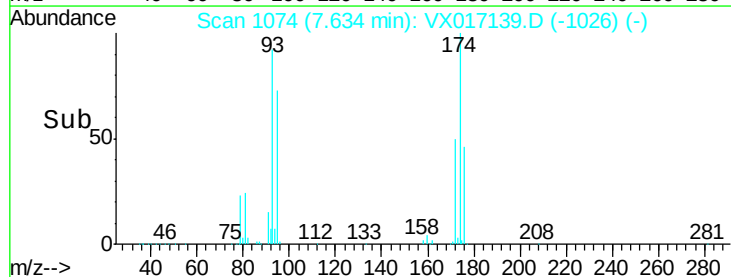
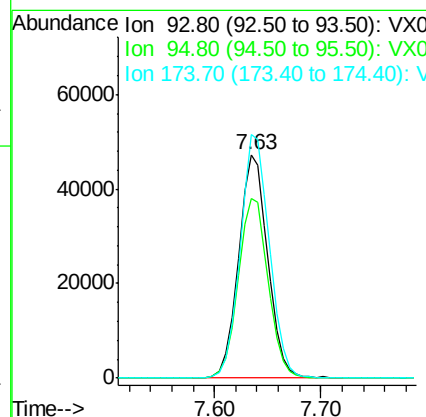
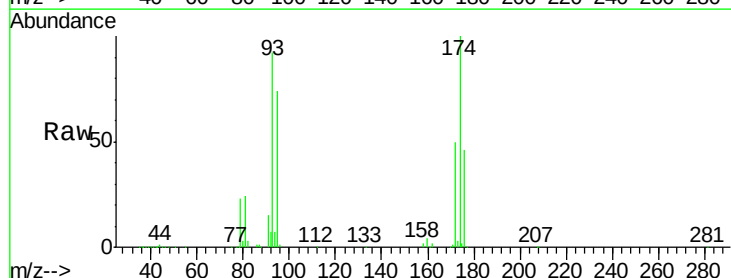
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

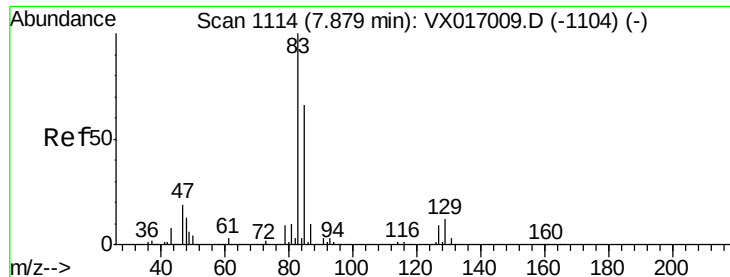
Tot Ion: 63 Resp: 129758
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.6 36.8



#46
 Dibromomethane
 Concen: 49.459 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017139.D
 Acq: 02 Jul 2020 10:40

Tgt Ion: 93 Resp: 90860
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.4 101.0
 174 109.0 84.3 126.5





#47

Bromodichloromethane

Concen: 50.108 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

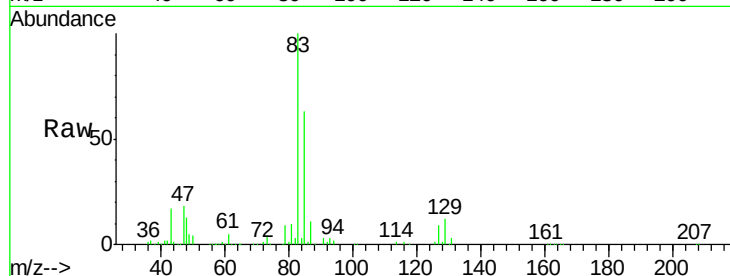
Tot Ion: 83 Resp: 189703

Ion Ratio Lower Upper

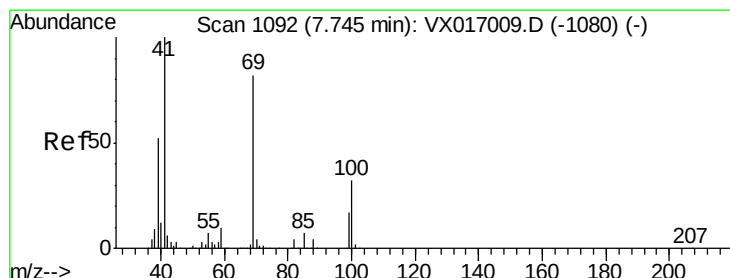
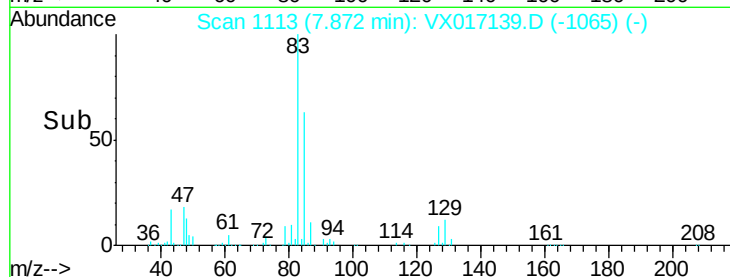
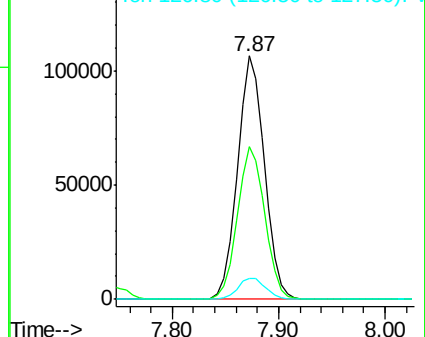
83 100

85 62.6 53.0 79.4

127 8.8 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: 49.438 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

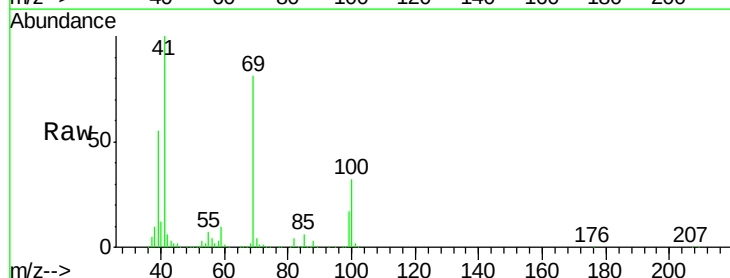
Tgt Ion: 41 Resp: 141201

Ion Ratio Lower Upper

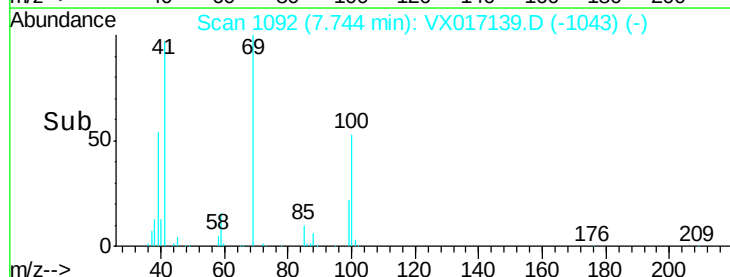
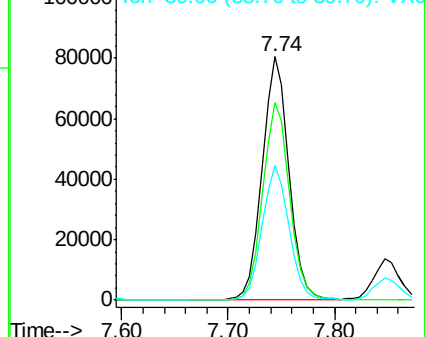
41 100

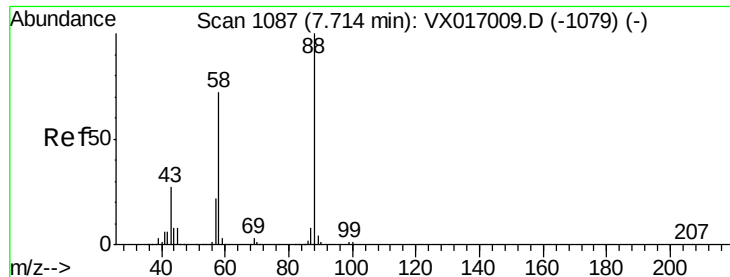
69 82.0 65.8 98.8

39 56.1 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

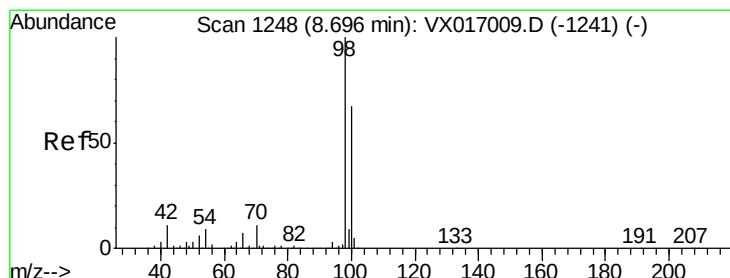
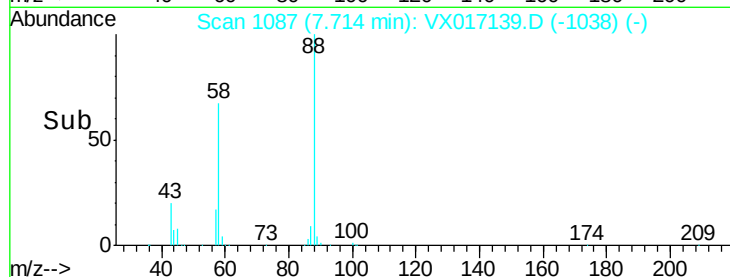
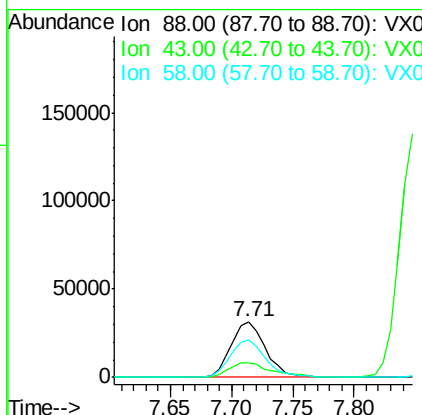
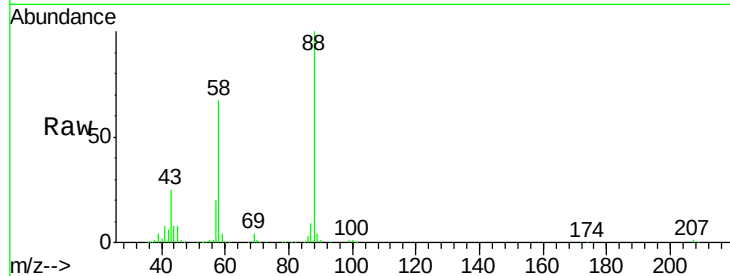




#49
1,4-Dioxane
Concen: 956.186 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

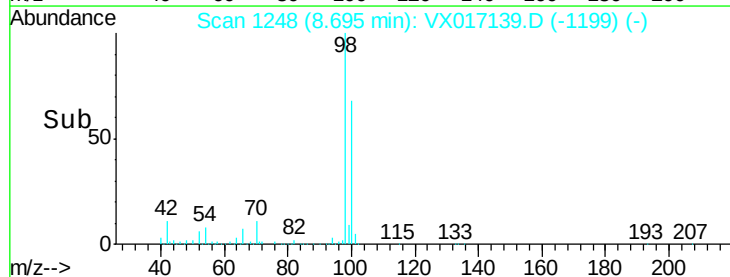
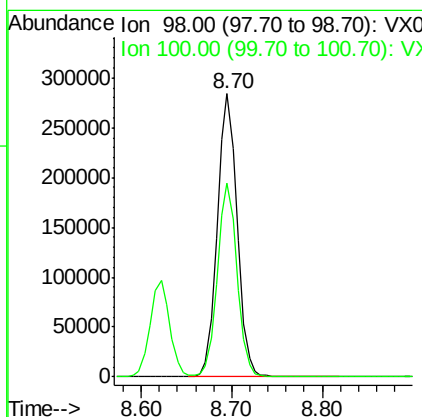
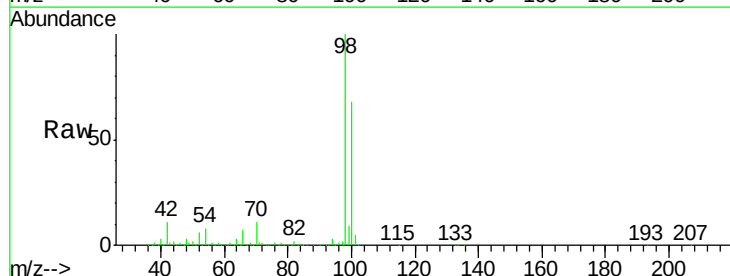
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

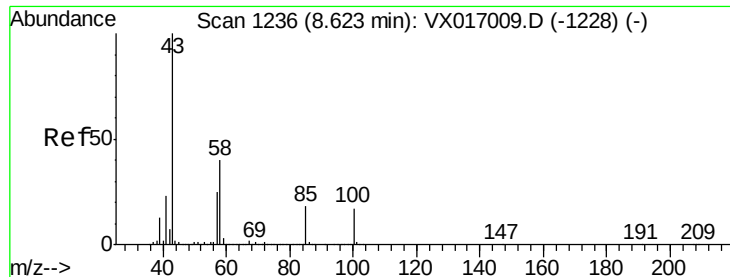
Tot Ion: 88 Resp: 61870
Ion Ratio Lower Upper
88 100
43 32.1 25.8 38.8
58 69.5 54.8 82.2



#50
Toluene-d8
Concen: 49.182 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

Tgt Ion: 98 Resp: 434029
Ion Ratio Lower Upper
98 100
100 67.5 53.8 80.6

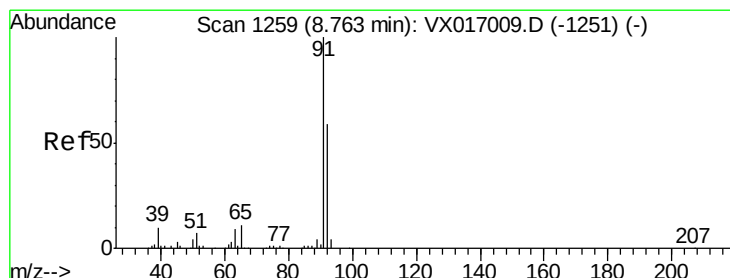
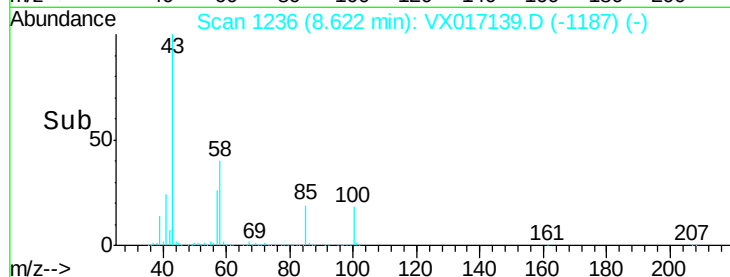
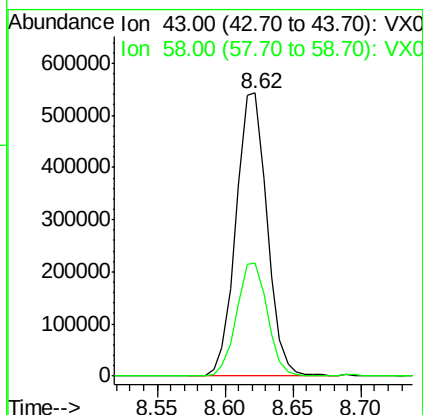
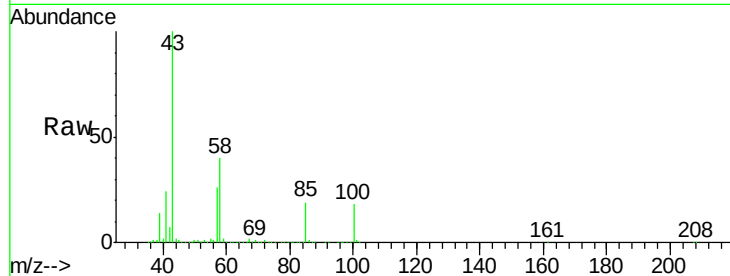




#51
 4-Methyl-2-Pentanone
 Concen: 241.367 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017139.D
 Acq: 02 Jul 2020 10:40

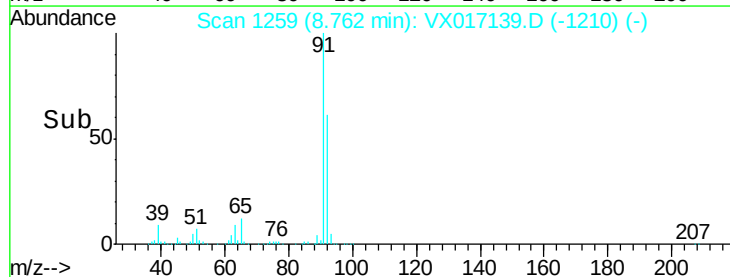
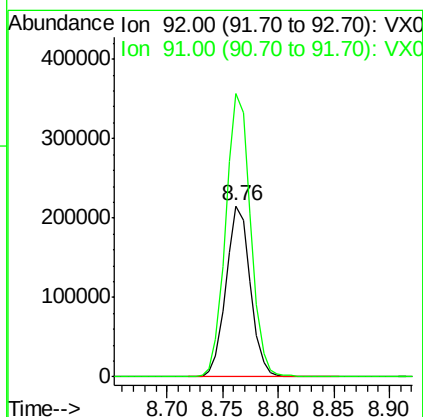
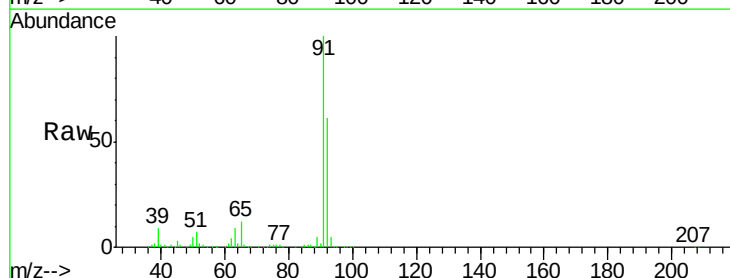
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

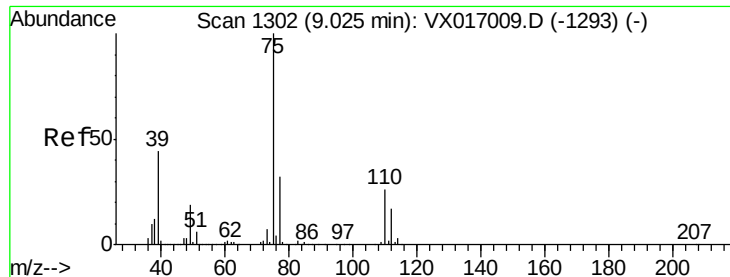
Tot Ion: 43 Resp: 864958
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.9 47.9



#52
 Toluene
 Concen: 49.746 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX017139.D
 Acq: 02 Jul 2020 10:40

Tgt Ion: 92 Resp: 325391
 Ion Ratio Lower Upper
 92 100
 91 169.0 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 49.374 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

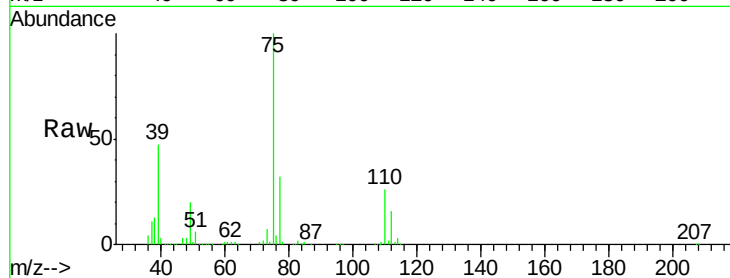
VSTDCCC050

Tot Ion: 75 Resp: 206240

Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

150000

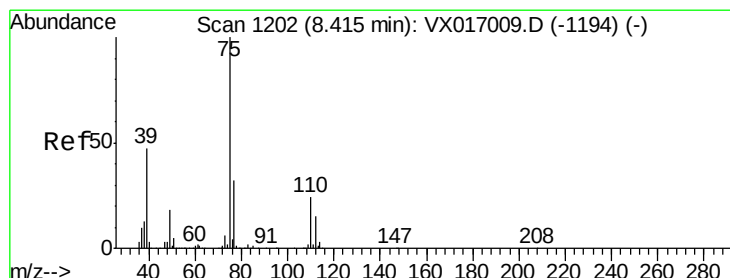
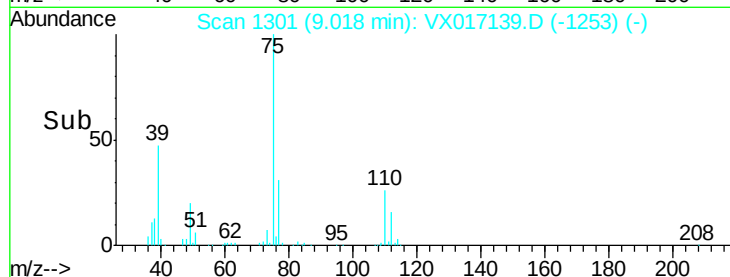
100000

50000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.449 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

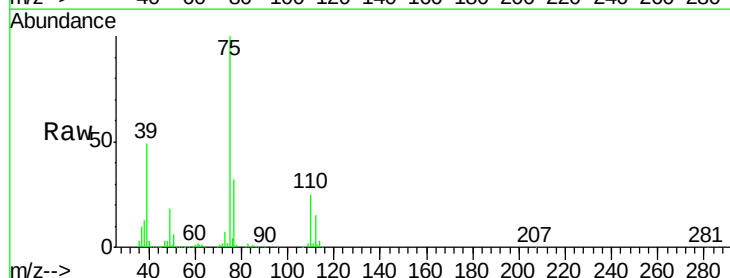
Tgt Ion: 75 Resp: 221422

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

39 48.7 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

8.41

150000

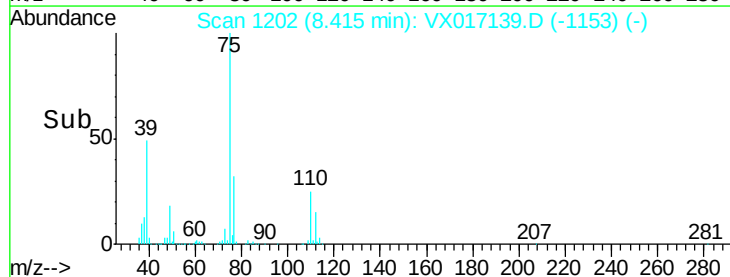
100000

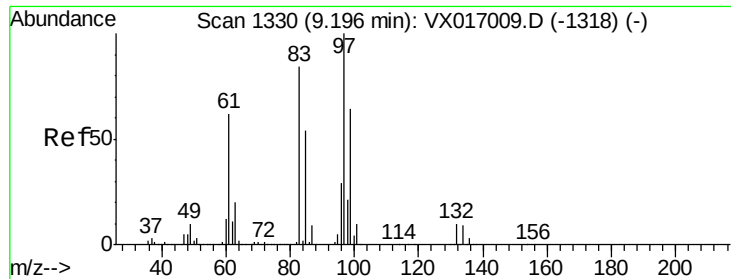
50000

0

8.30 8.35 8.40 8.45 8.50

Time-->

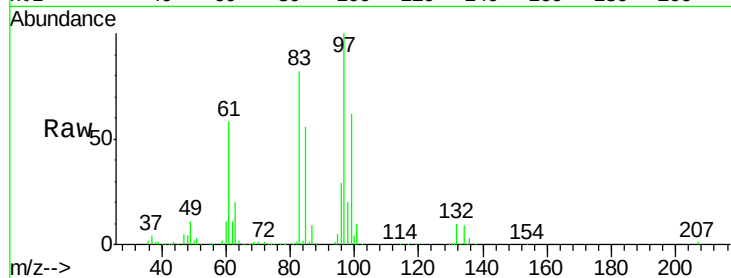




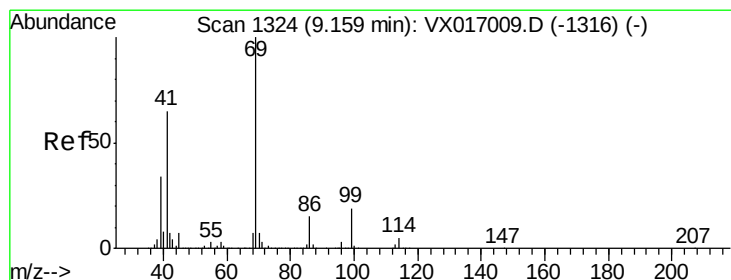
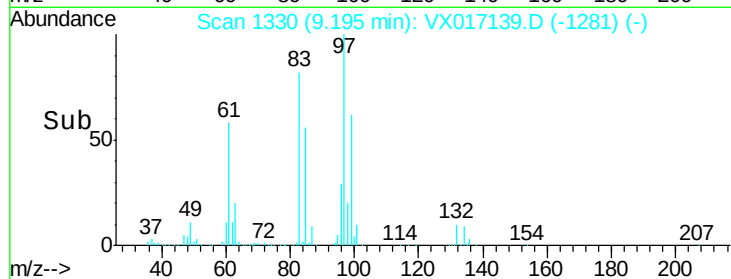
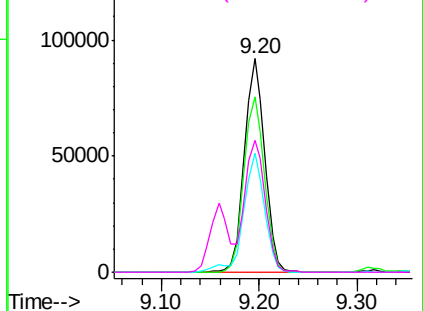
#55
 1,1,2-Trichloroethane
 Concen: 49.923 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017139.D
 Acq: 02 Jul 2020 10:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	133417
Ion	Ratio	Lower	Upper
97	100		
83	82.2	67.0	100.6
85	55.7	43.5	65.3
99	61.9	51.0	76.6

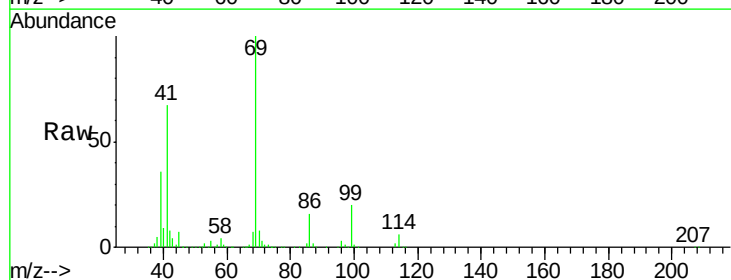


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

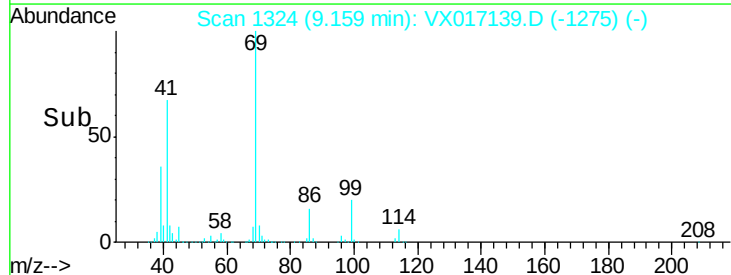
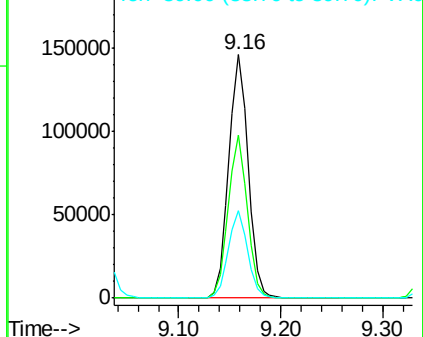


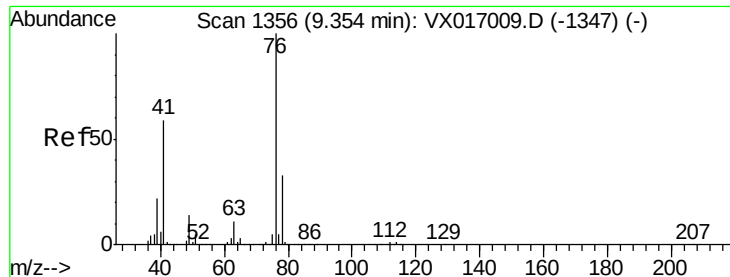
#56
 Ethyl methacrylate
 Concen: 50.336 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017139.D
 Acq: 02 Jul 2020 10:40

Tgt Ion:	69	Resp:	191468
Ion	Ratio	Lower	Upper
69	100		
41	66.0	53.6	80.4
39	35.5	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: 48.367 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

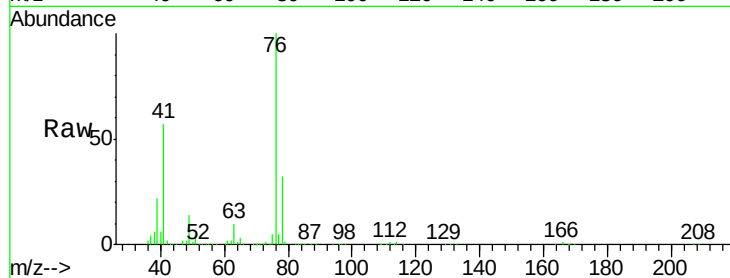
VSTDCCC050

Tot Ion: 76 Resp: 218718

Ion Ratio Lower Upper

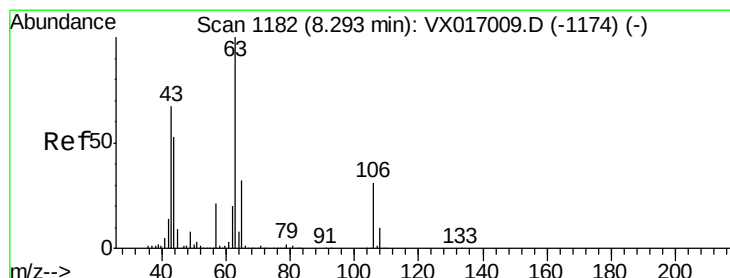
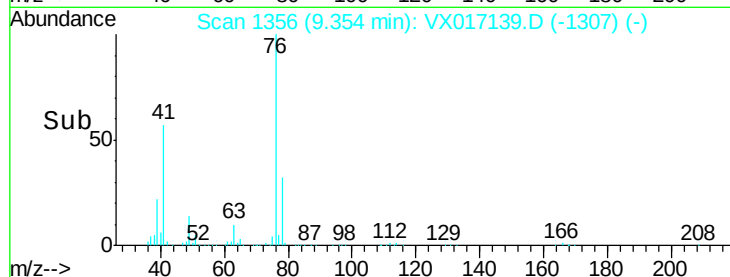
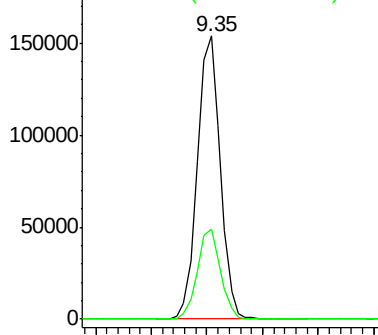
76 100

78 32.1 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: 262.348 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017139.D

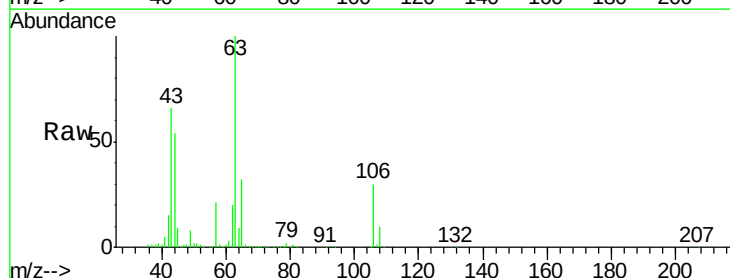
Acq: 02 Jul 2020 10:40

Tgt Ion: 63 Resp: 496655

Ion Ratio Lower Upper

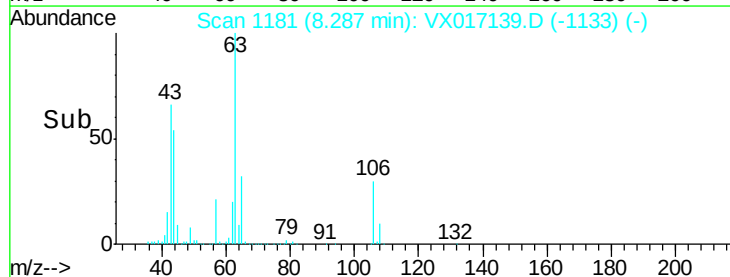
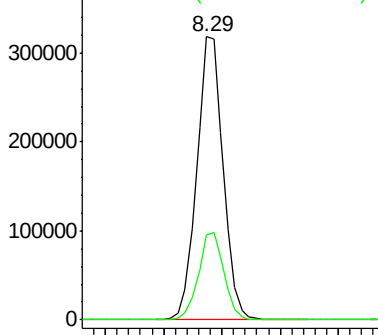
63 100

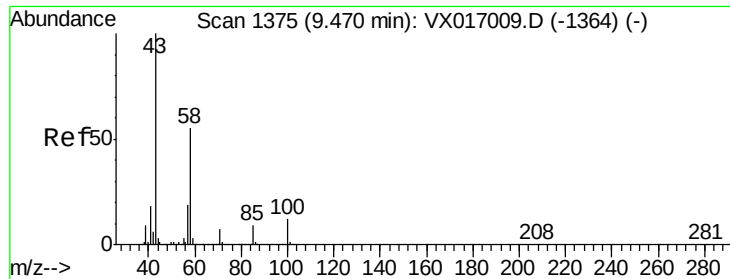
106 30.2 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

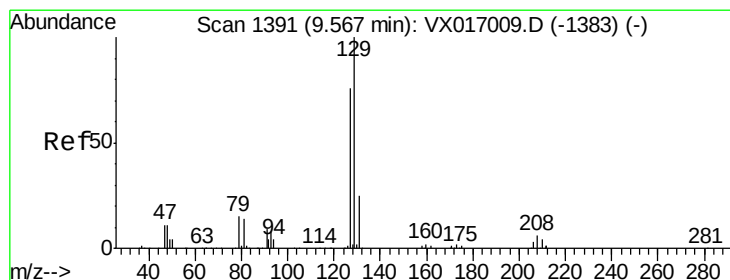
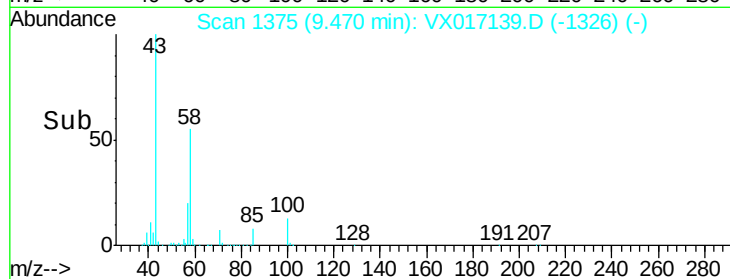
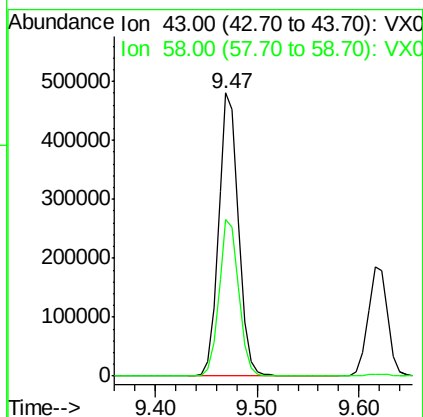
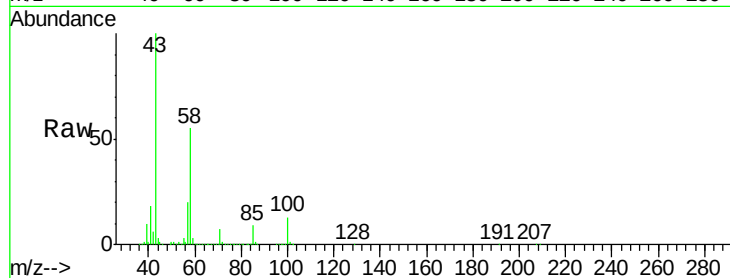




#59
2-Hexanone
Concen: 249.597 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

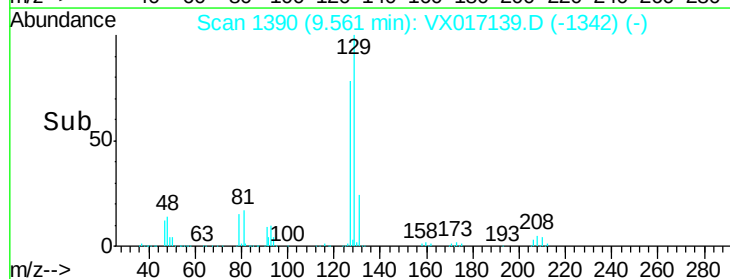
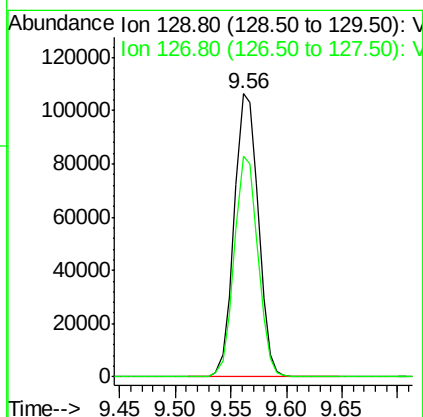
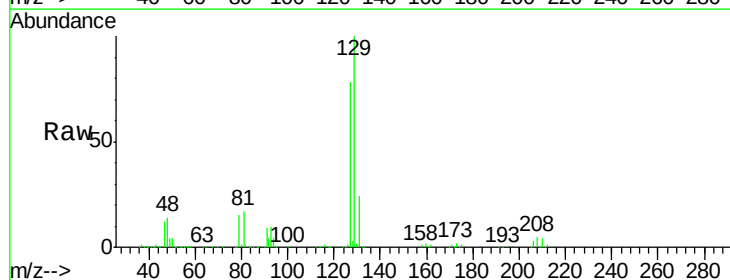
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

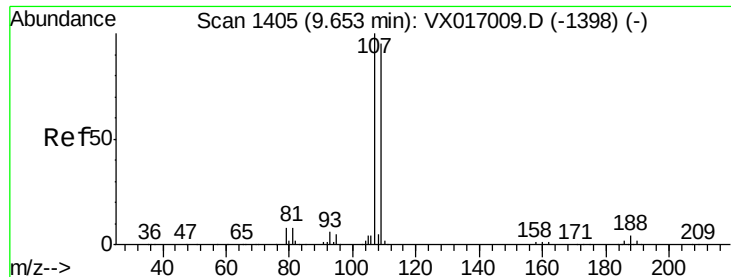
Tot Ion: 43 Resp: 653246
Ion Ratio Lower Upper
43 100
58 54.9 27.9 83.6



#60
Dibromochloromethane
Concen: 51.506 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

Tgt Ion: 129 Resp: 159872
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 49.986 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

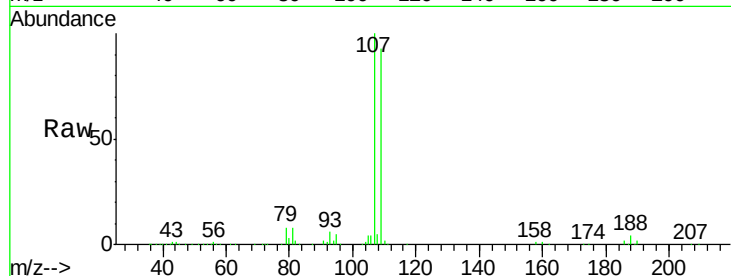
VSTDCCC050

Tot Ion:107 Resp: 143590

Ion Ratio Lower Upper

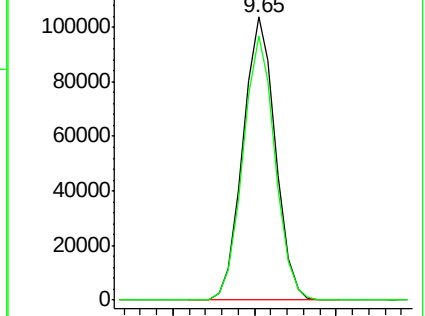
107 100

109 92.6 75.8 113.8

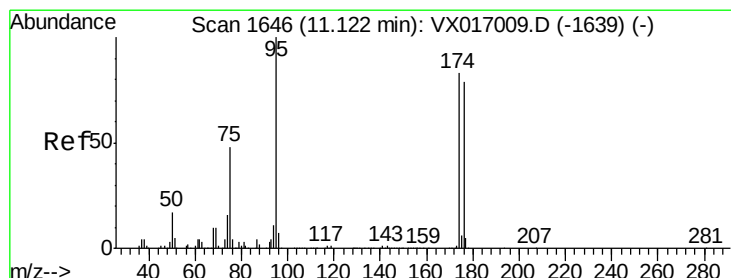
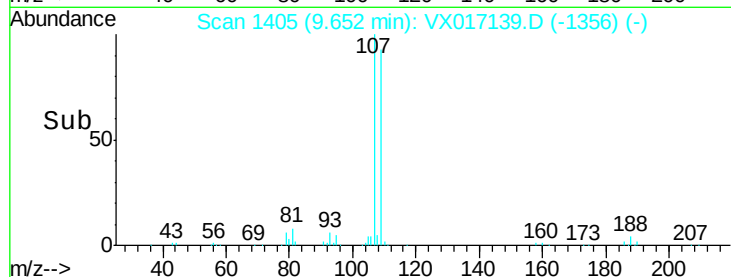


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 50.517 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

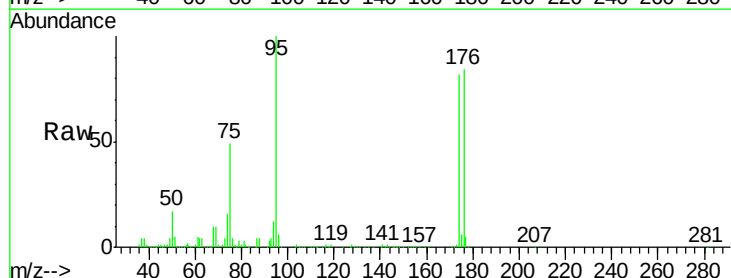
Tgt Ion: 95 Resp: 174271

Ion Ratio Lower Upper

95 100

174 82.9 0.0 164.0

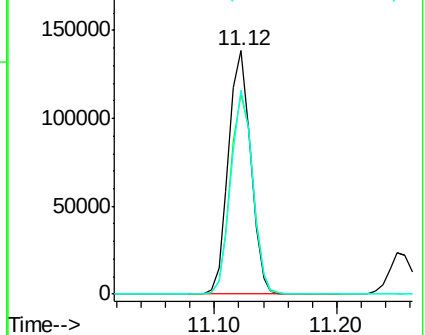
176 81.7 0.0 157.6



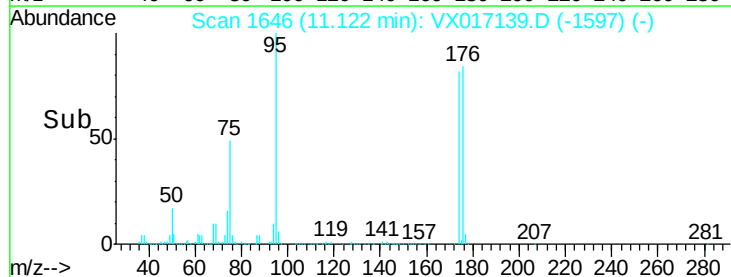
Abundance Ion 94.90 (94.60 to 95.60): VX0

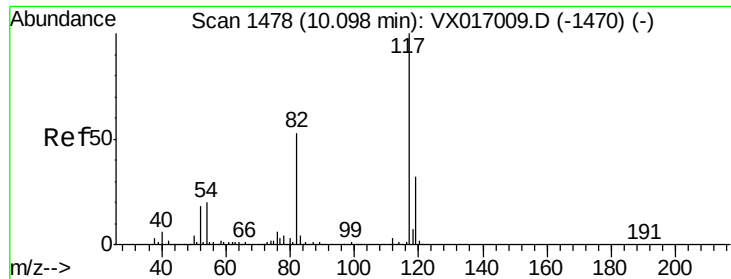
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

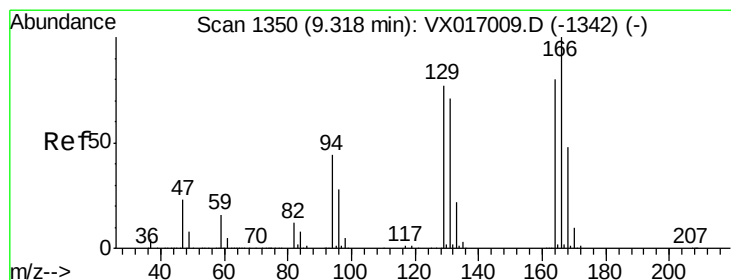
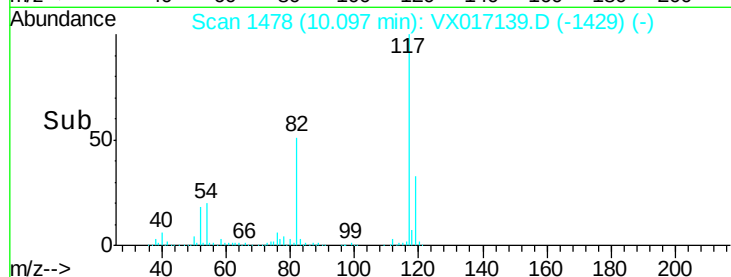
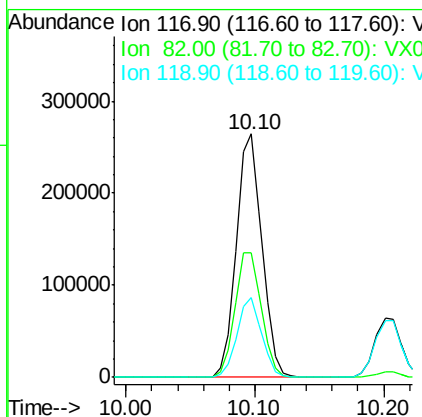
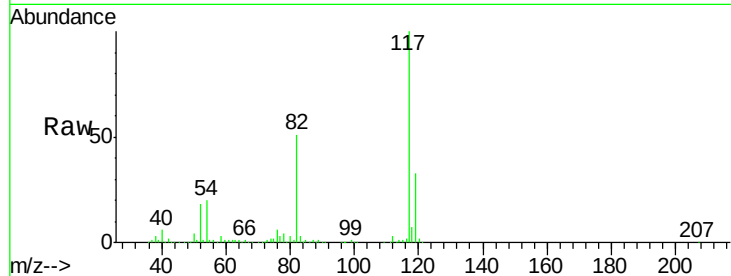




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

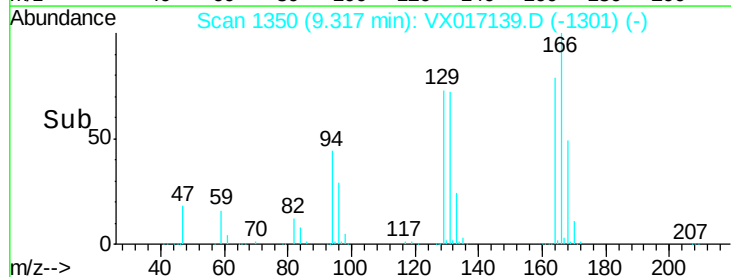
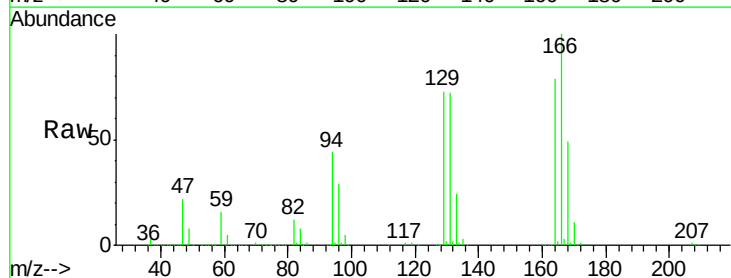
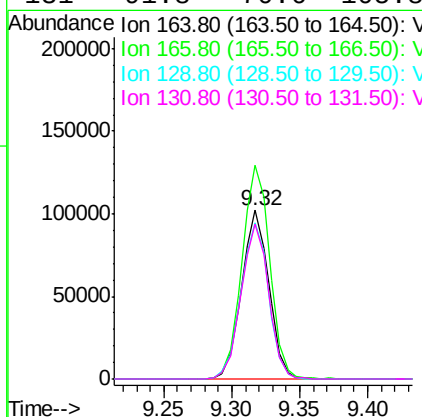
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

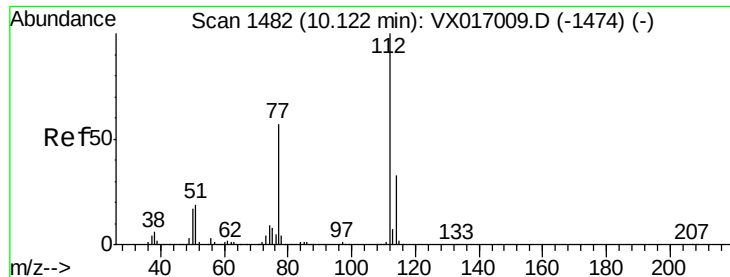
Tot Ion:117 Resp: 364204
Ion Ratio Lower Upper
117 100
82 51.4 42.6 63.8
119 32.5 25.4 38.2



#64
Tetrachloroethene
Concen: 48.601 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

Tgt Ion:164 Resp: 142857
Ion Ratio Lower Upper
164 100
166 126.7 99.4 149.0
129 92.9 76.3 114.5
131 91.8 70.6 105.8

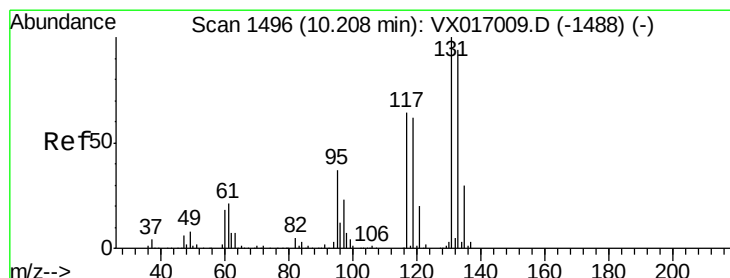
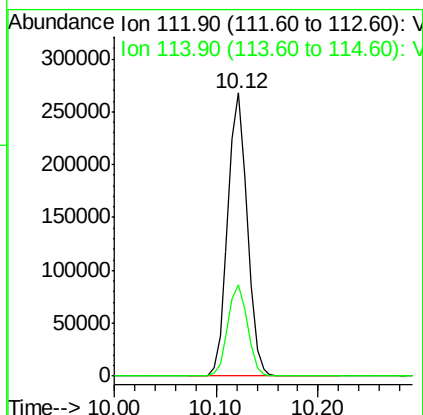
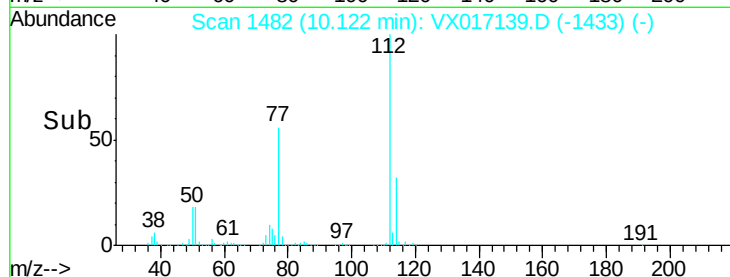
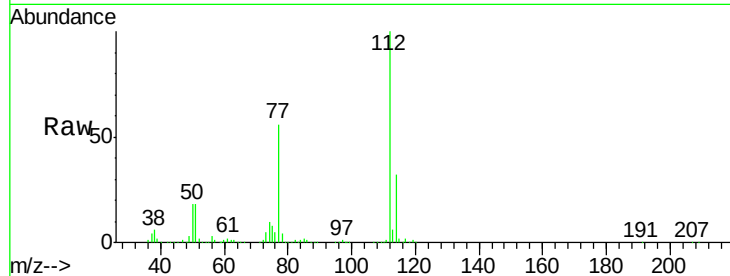




#65
Chlorobenzene
Concen: 47.023 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

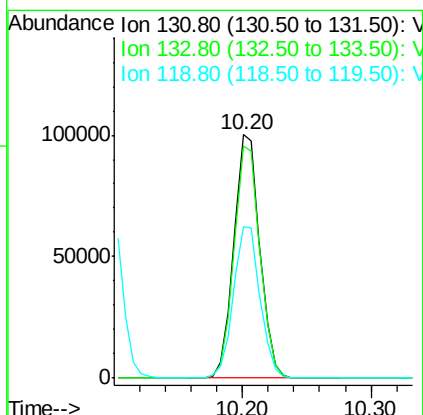
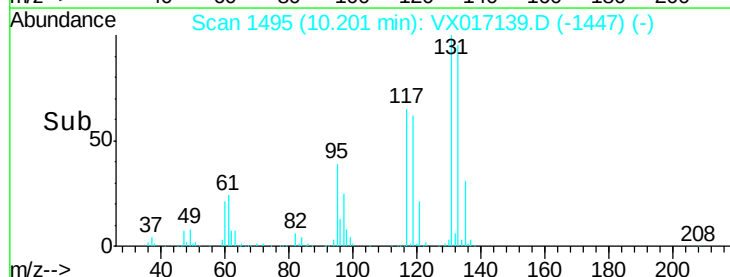
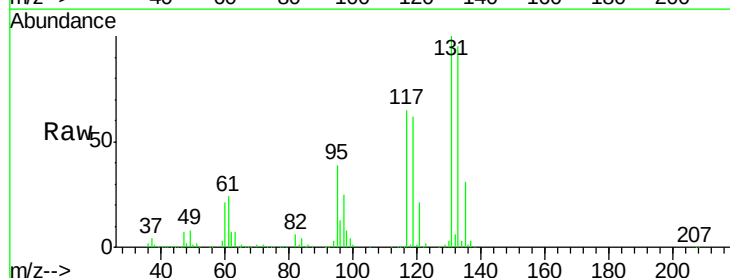
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

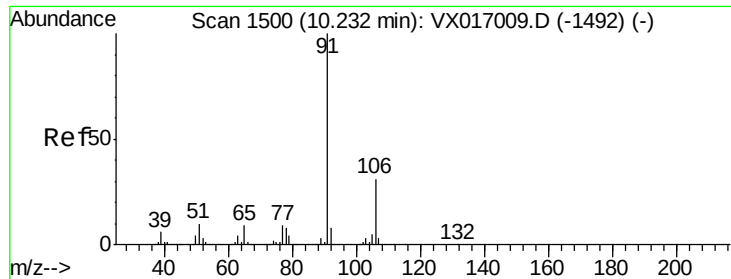
Tot Ion:112 Resp: 353468
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.558 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

Tgt Ion:131 Resp: 140668
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.9
119 63.7 31.9 95.5





#67

Ethyl Benzene

Concen: 49.682 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

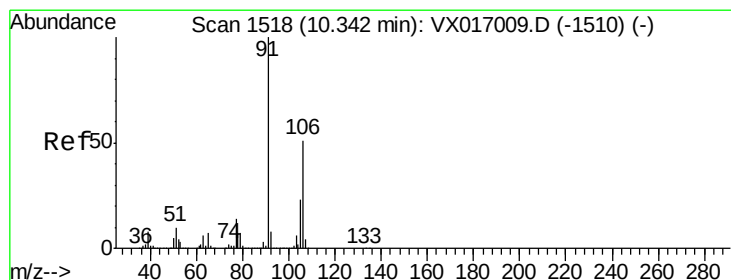
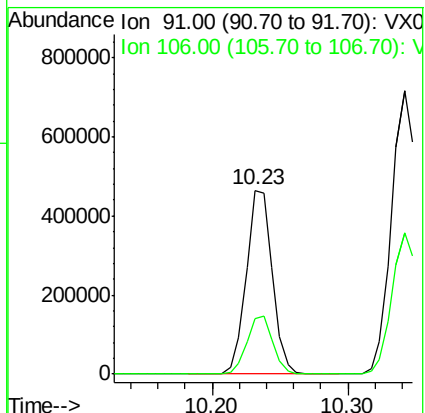
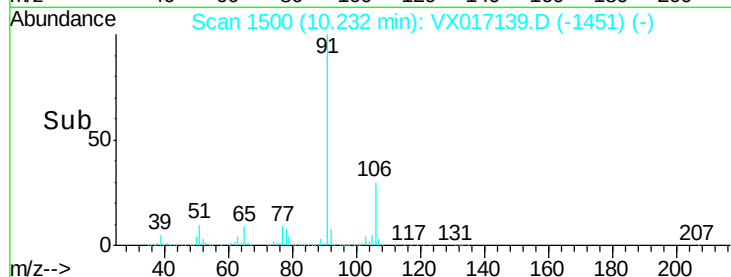
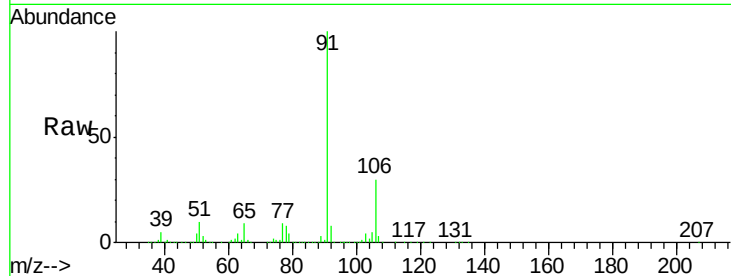
VSTDCCC050

Tot Ion: 91 Resp: 623676

Ion Ratio Lower Upper

91 100

106 30.5 24.7 37.1



#68

m/p-Xylenes

Concen: 100.678 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017139.D

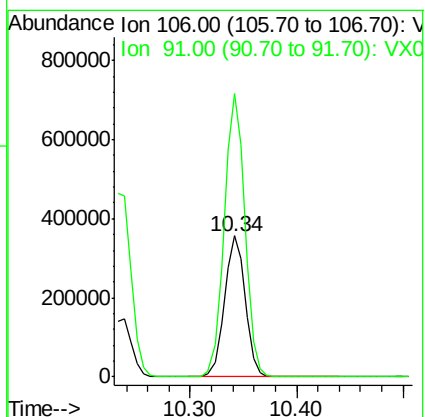
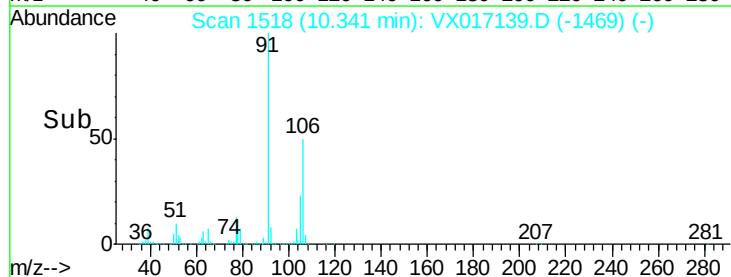
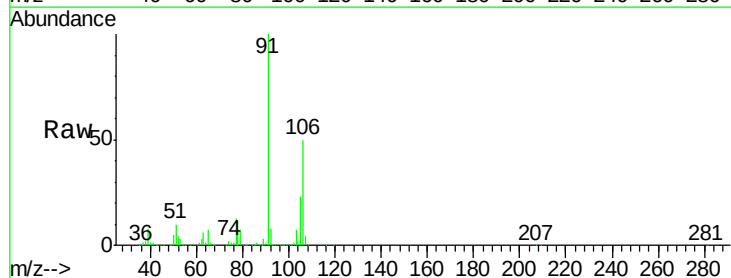
Acq: 02 Jul 2020 10:40

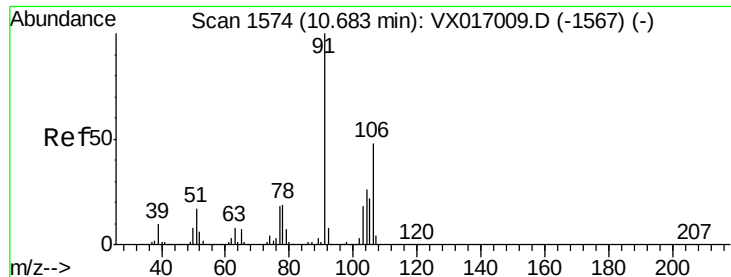
Tgt Ion: 106 Resp: 485278

Ion Ratio Lower Upper

106 100

91 200.1 158.6 238.0

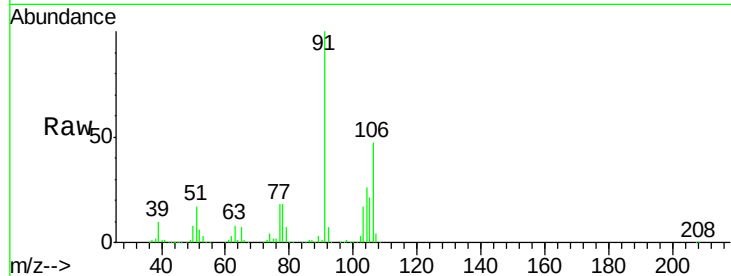




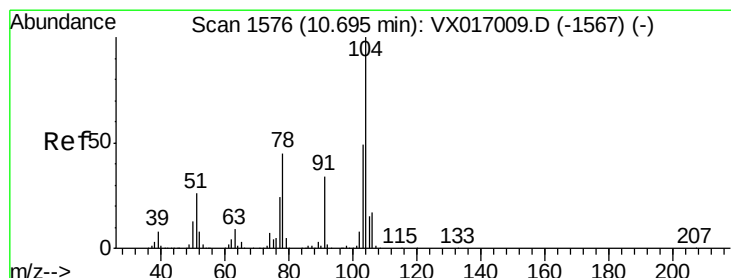
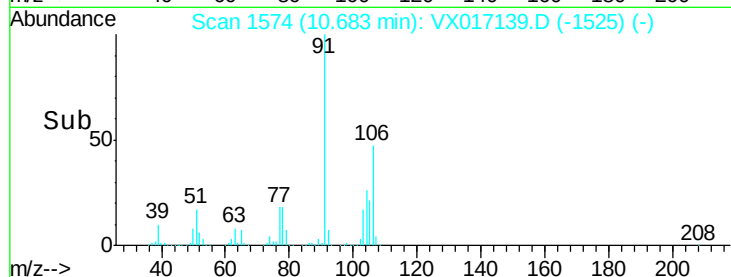
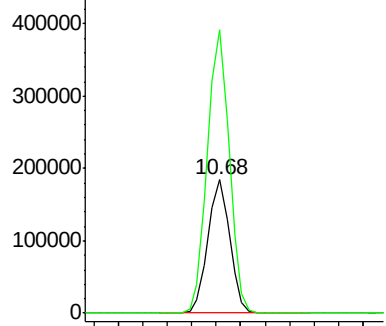
#69
o-Xylene
Concen: 49.788 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 228294
Ion Ratio Lower Upper
106 100
91 212.2 105.6 316.7

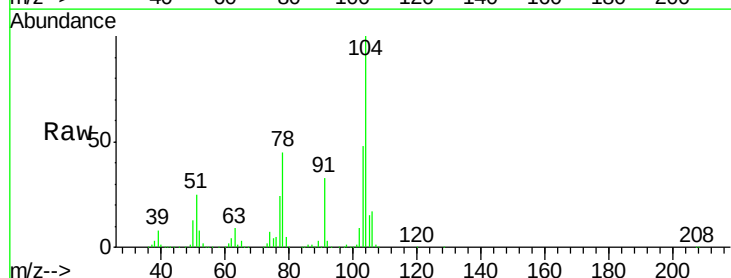


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

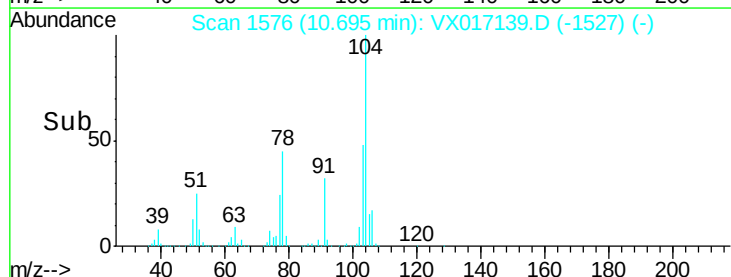
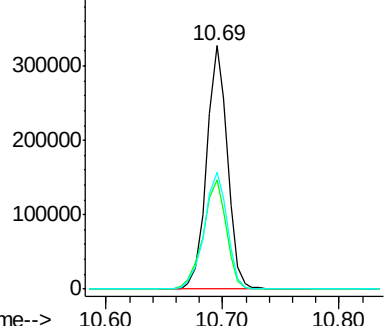


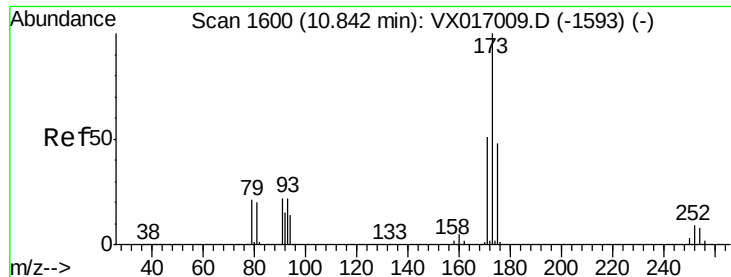
#70
Styrene
Concen: 52.216 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

Tgt Ion:104 Resp: 407721
Ion Ratio Lower Upper
104 100
78 50.1 39.5 59.3
103 53.4 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.494 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

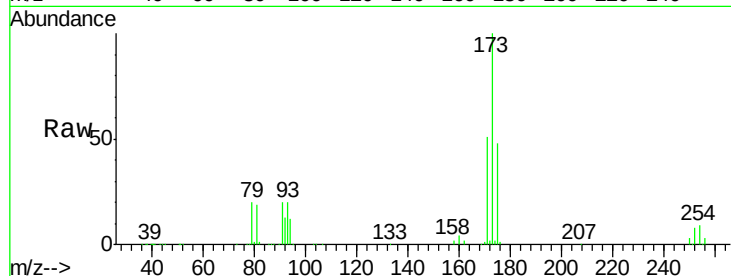
Tot Ion:173 Resp: 122888

Ion Ratio Lower Upper

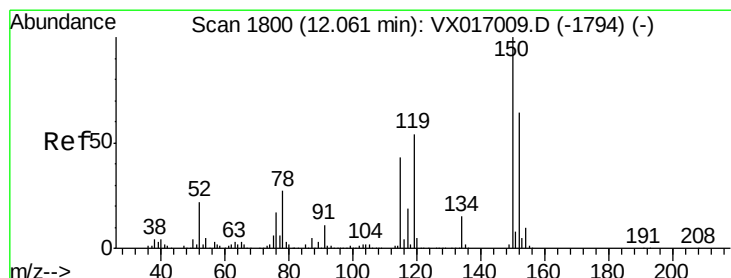
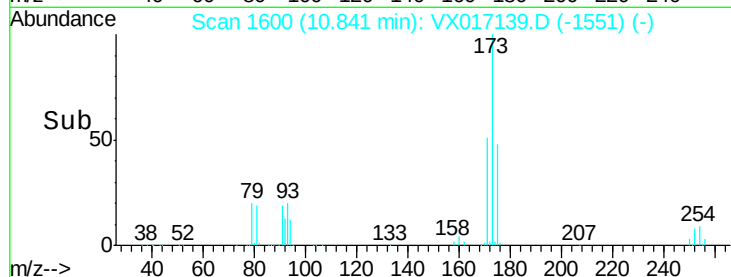
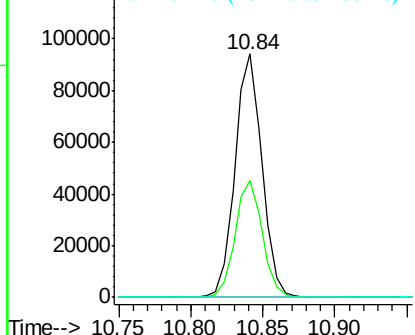
173 100

175 48.4 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: VX017139.D

Acq: 02 Jul 2020 10:40

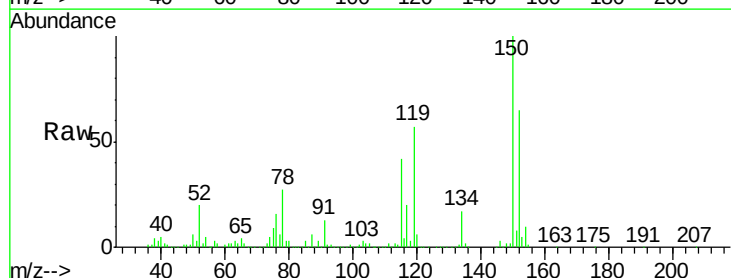
Tgt Ion:152 Resp: 201829

Ion Ratio Lower Upper

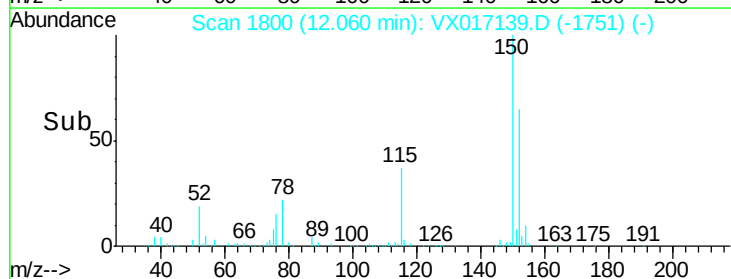
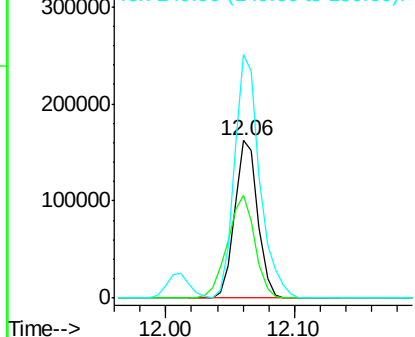
152 100

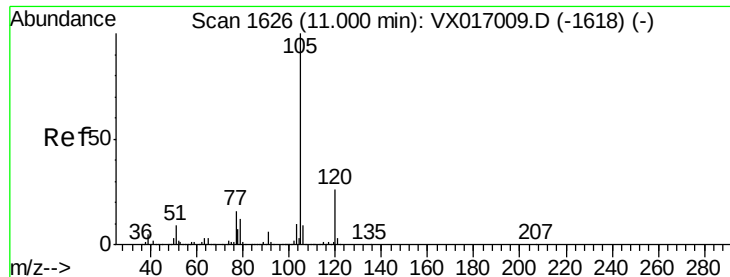
115 77.3 40.9 122.7

150 169.3 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: 47.178 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampled :

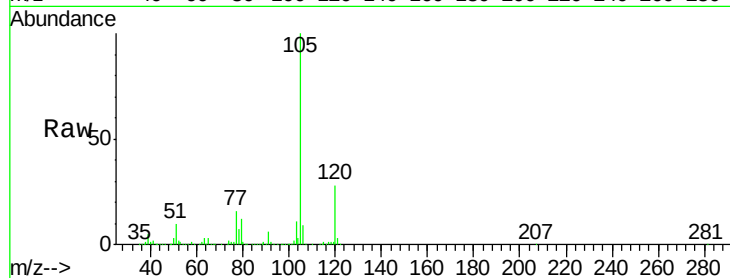
VSTDCCC050

Tot Ion:105 Resp: 623688

Ion Ratio Lower Upper

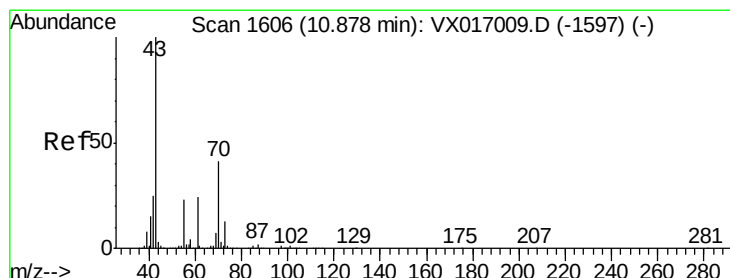
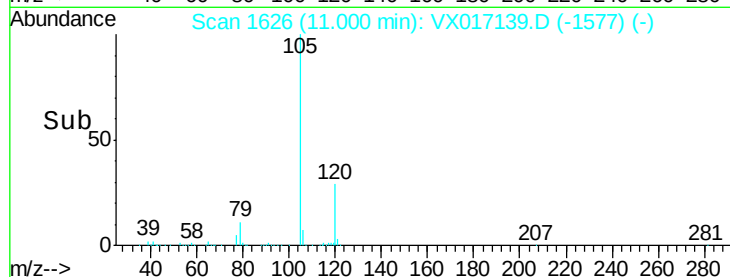
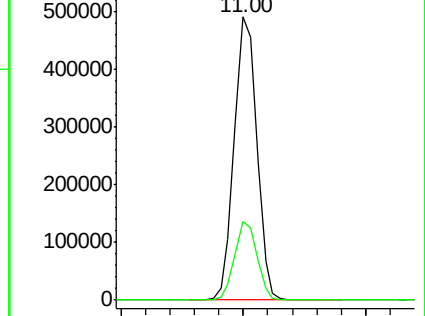
105 100

120 27.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.055 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Tgt Ion: 43 Resp: 254153

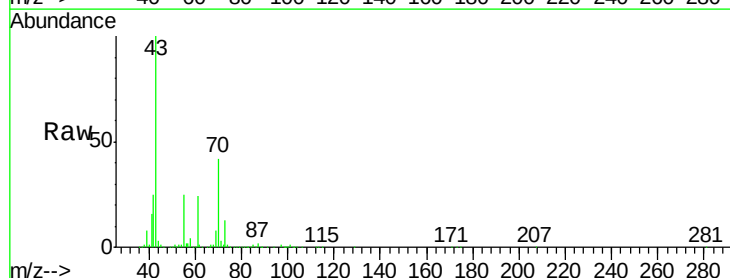
Ion Ratio Lower Upper

43 100

70 43.0 34.2 51.2

55 24.7 19.2 28.8

61 24.8 19.6 29.4

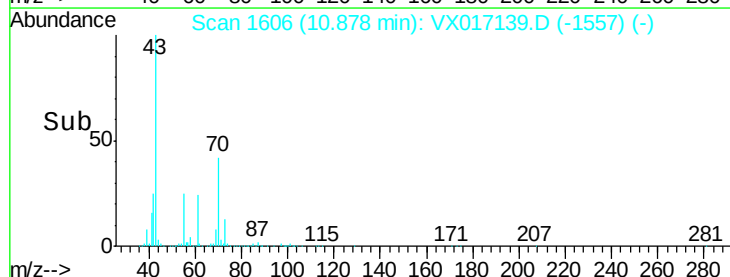
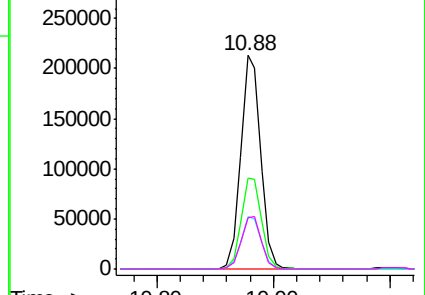


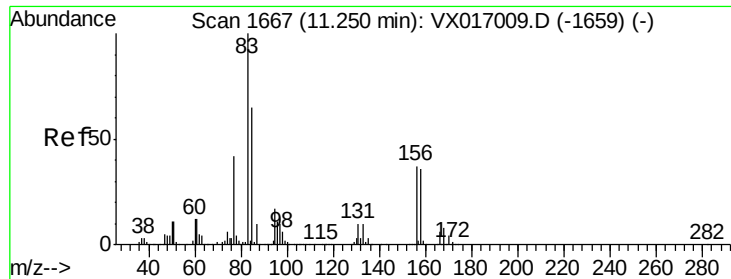
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 43.739 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

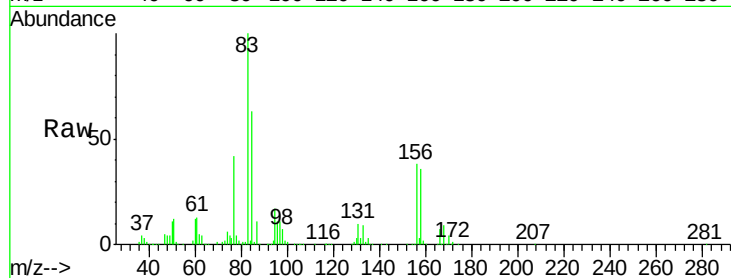
Tot Ion: 83 Resp: 181887

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

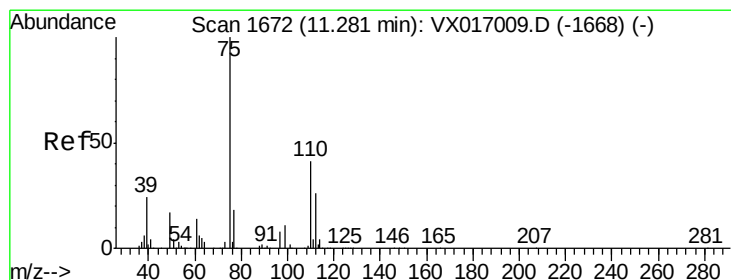
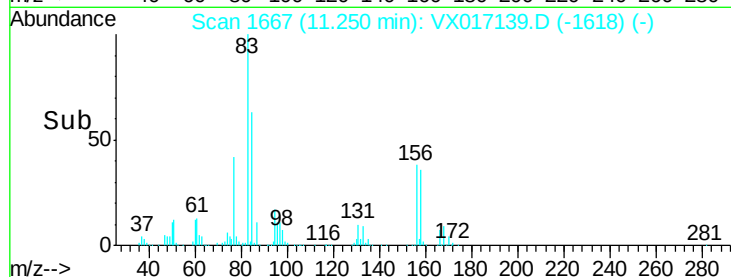
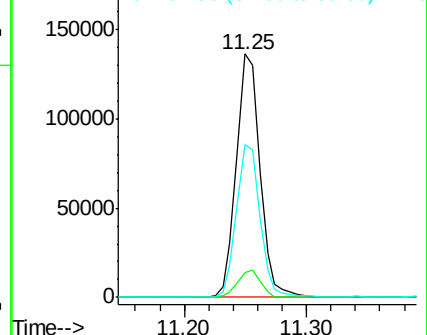
85 63.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 45.001 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017139.D

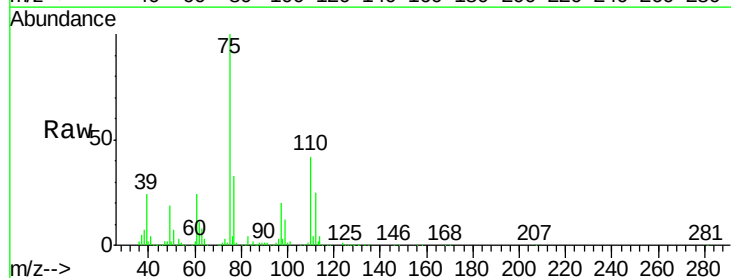
Acq: 02 Jul 2020 10:40

Tgt Ion: 75 Resp: 178602

Ion Ratio Lower Upper

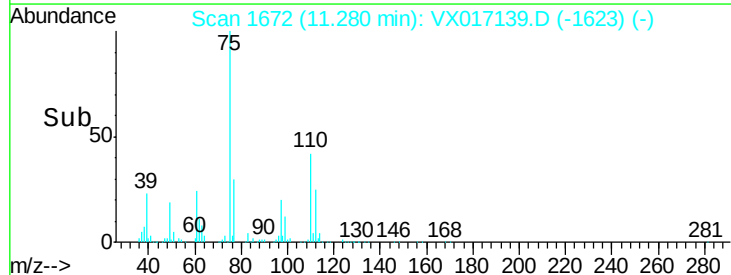
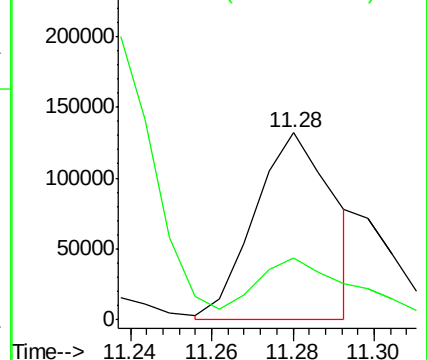
75 100

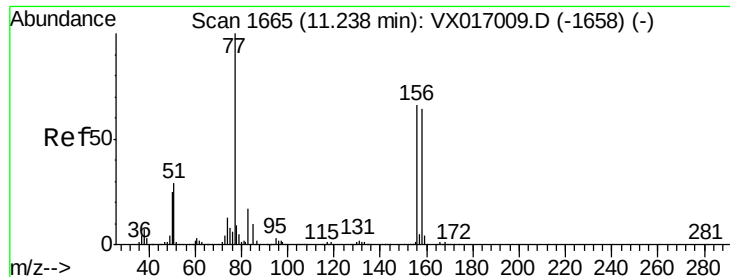
77 41.1 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.631 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

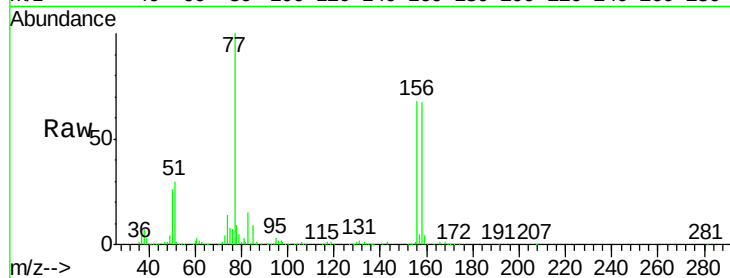
Tot Ion:156 Resp: 169427

Ion Ratio Lower Upper

156 100

77 147.7 76.9 230.7

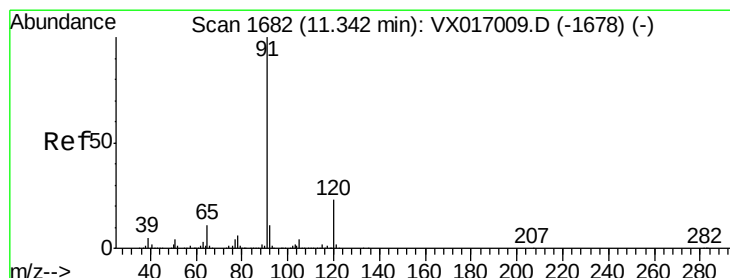
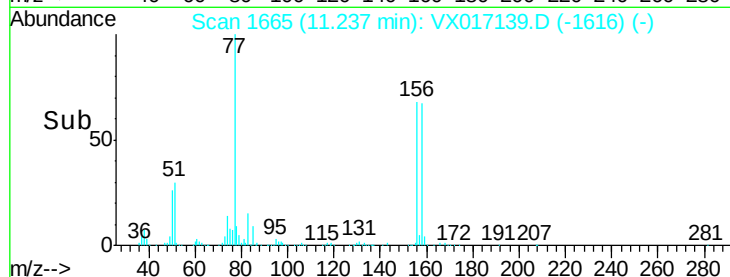
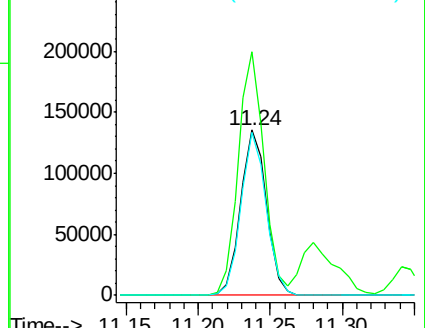
158 96.0 47.9 143.6



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: 47.833 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017139.D

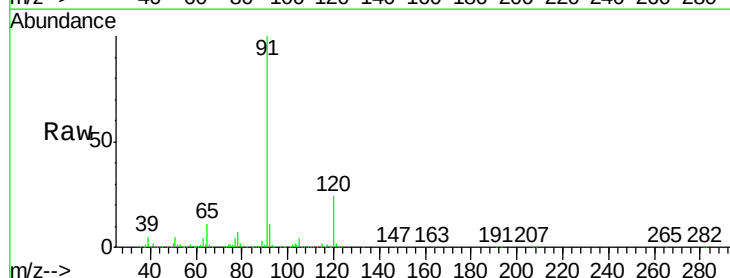
Acq: 02 Jul 2020 10:40

Tgt Ion: 91 Resp: 715083

Ion Ratio Lower Upper

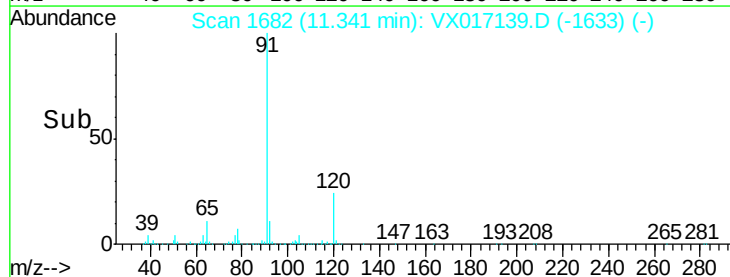
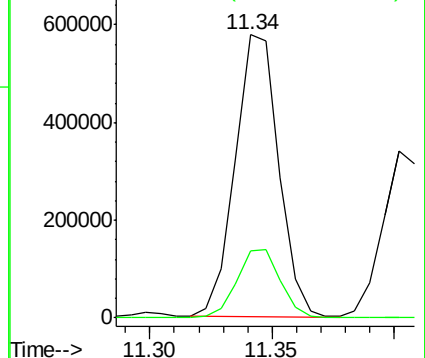
91 100

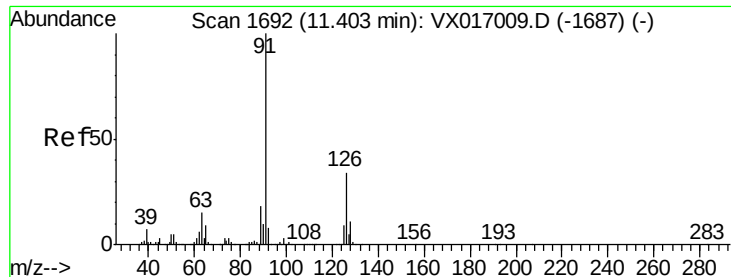
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

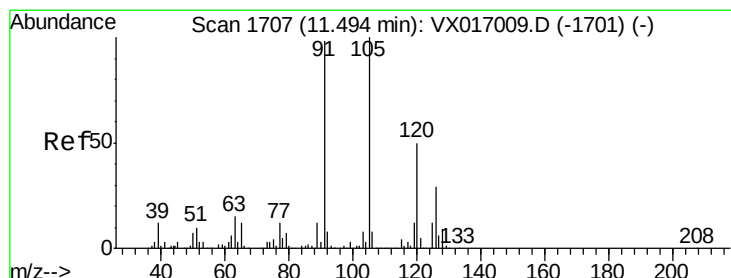
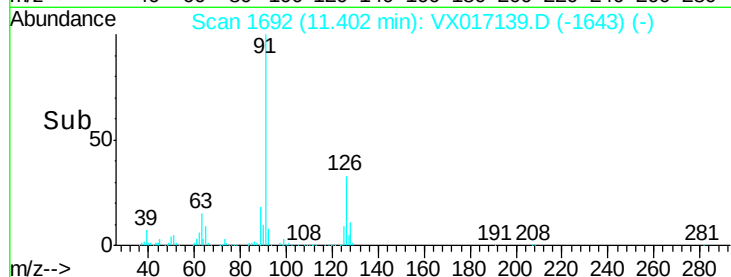
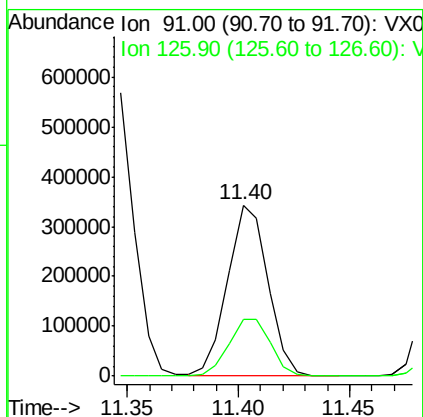
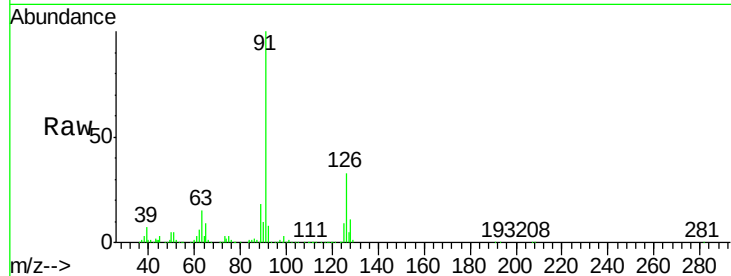




#79
2-Chlorotoluene
Concen: 47.767 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

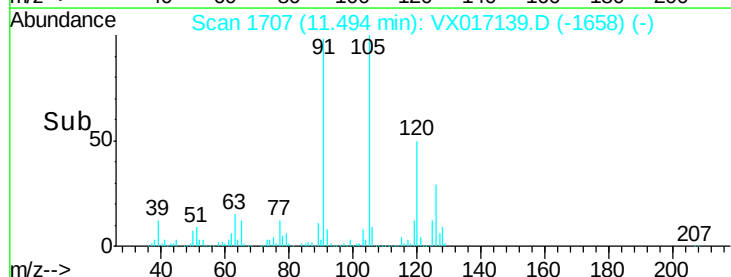
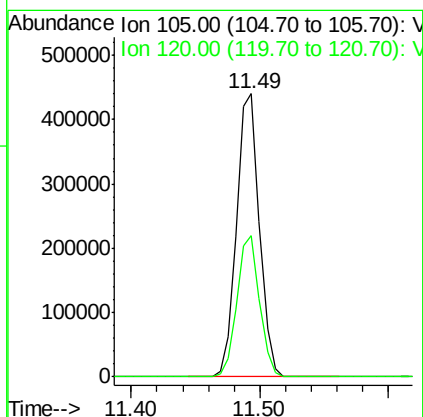
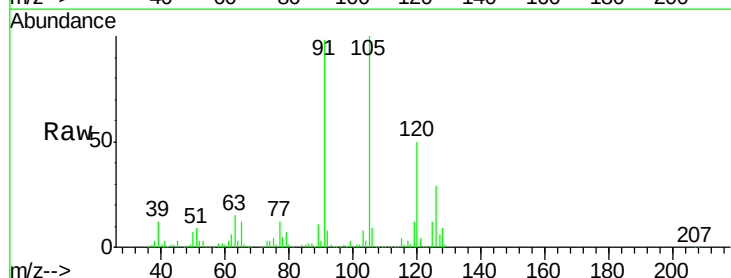
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

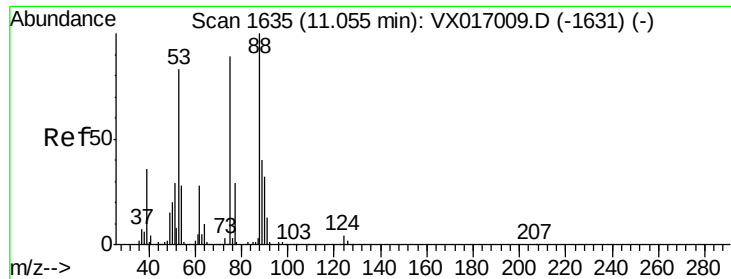
Tot Ion: 91 Resp: 432186
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 49.397 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

Tgt Ion: 105 Resp: 541667
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.6

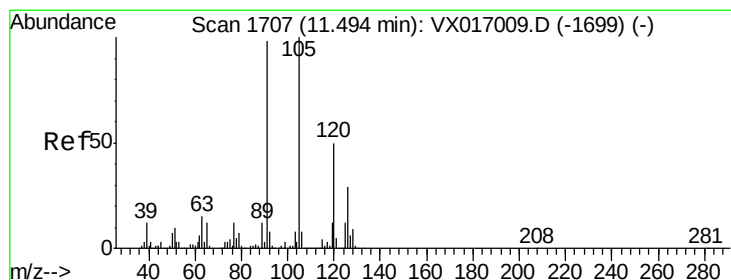
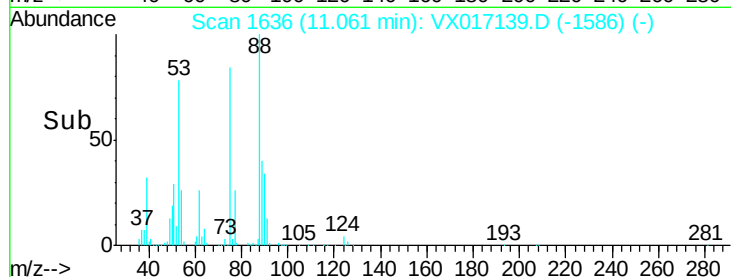
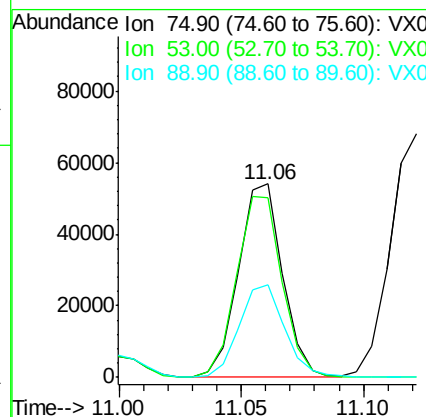
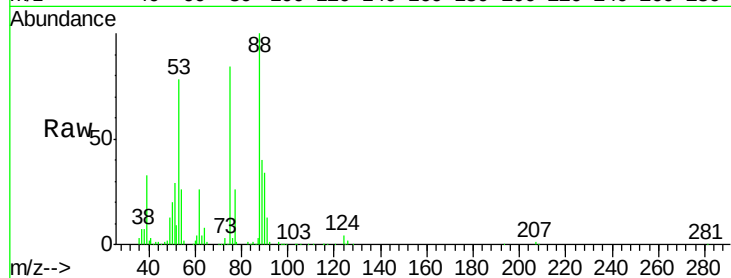




#81
trans-1,4-Dichloro-2-butene
Concen: 43.931 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

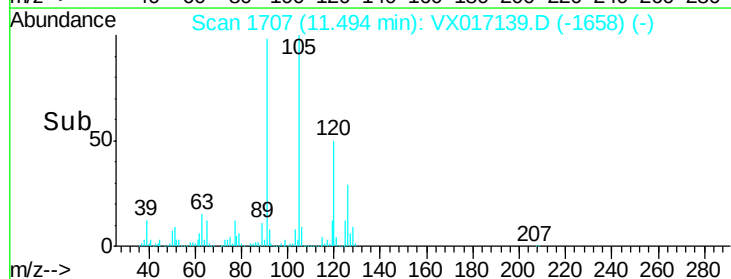
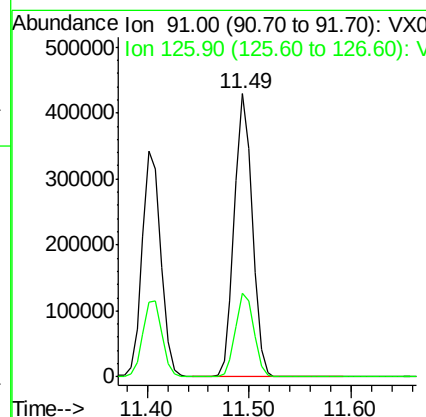
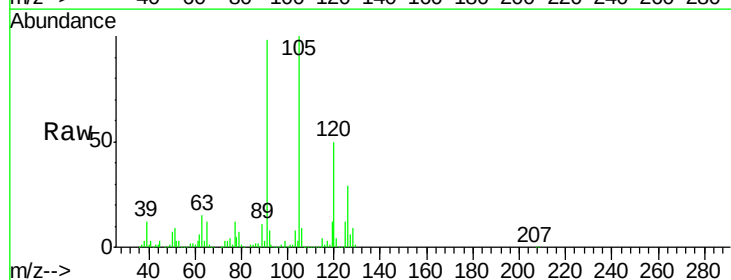
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

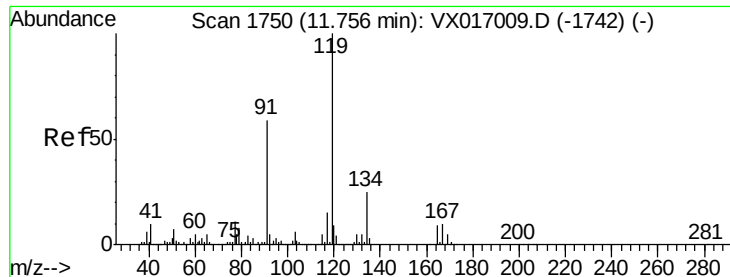
Tot Ion: 75 Resp: 67328
Ion Ratio Lower Upper
75 100
53 96.7 72.4 108.6
89 50.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 48.267 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

Tgt Ion: 91 Resp: 522053
Ion Ratio Lower Upper
91 100
126 30.3 15.2 45.5





#83

tert-Butylbenzene

Concen: 47.697 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

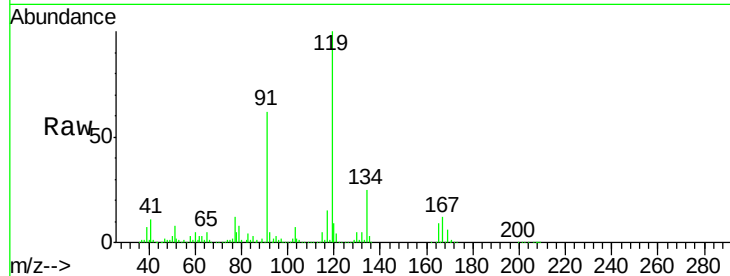
Tot Ion:119 Resp: 513439

Ion Ratio Lower Upper

119 100

91 57.6 28.3 84.9

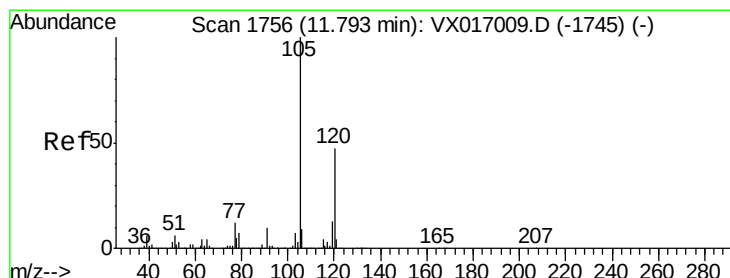
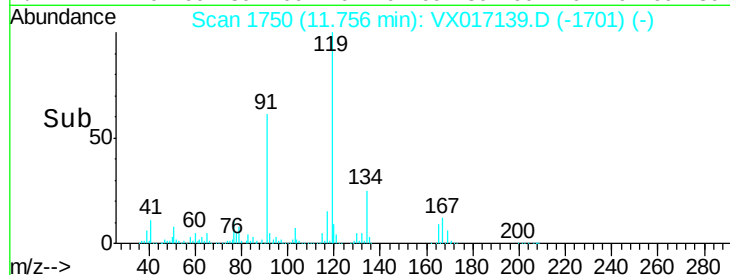
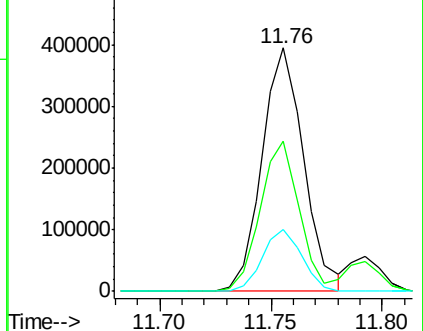
134 24.2 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.753 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017139.D

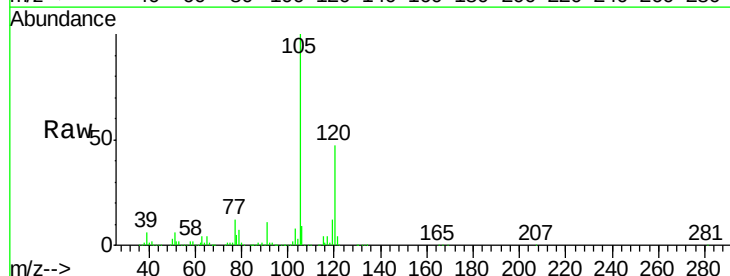
Acq: 02 Jul 2020 10:40

Tgt Ion:105 Resp: 553488

Ion Ratio Lower Upper

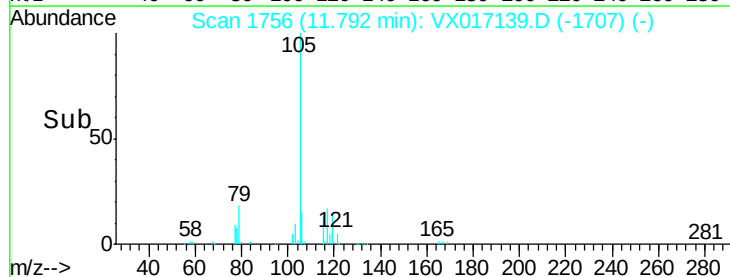
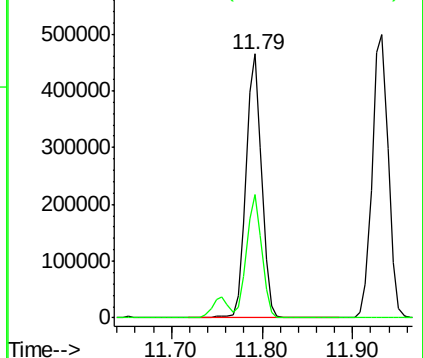
105 100

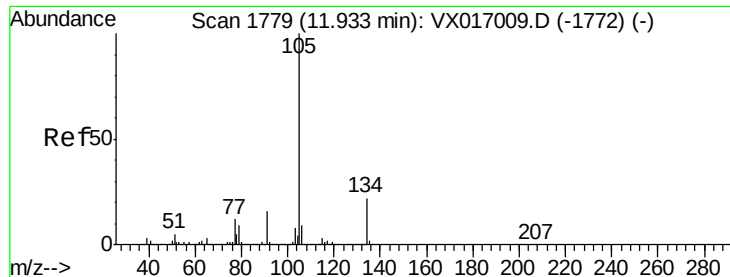
120 45.6 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.615 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

Instrument :

MSVOA_X

ClientSampleId :

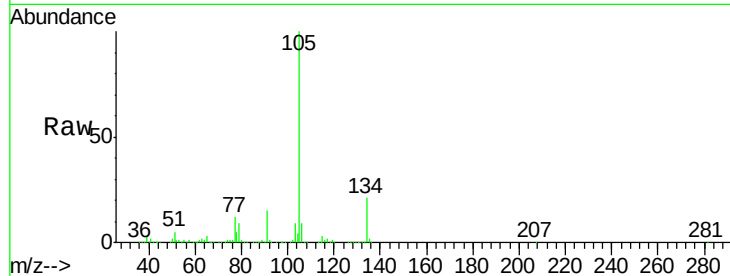
VSTDCCC050

Tot Ion:105 Resp: 615134

Ion Ratio Lower Upper

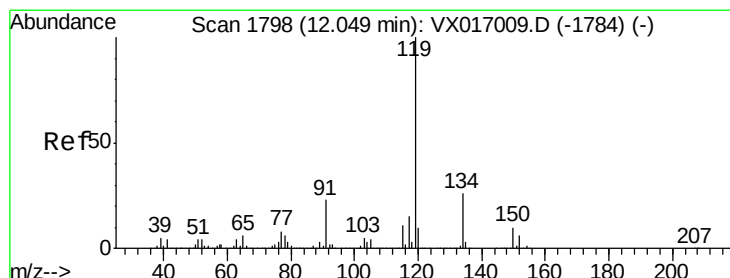
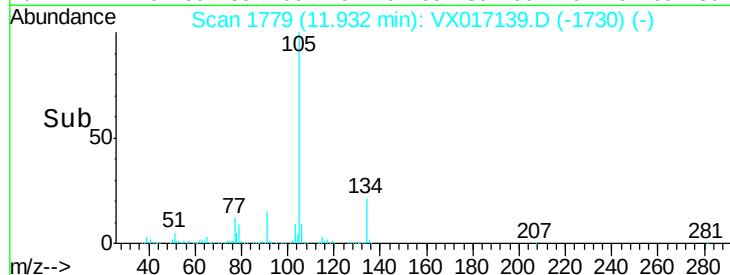
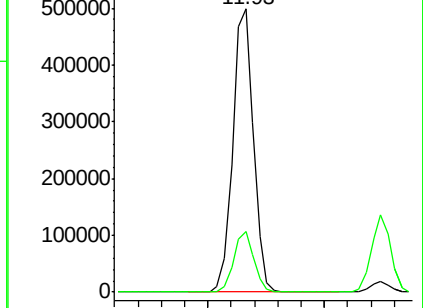
105 100

134 20.9 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.520 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017139.D

Acq: 02 Jul 2020 10:40

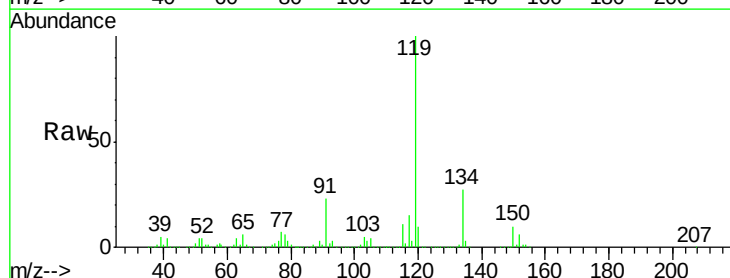
Tgt Ion:119 Resp: 583313

Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

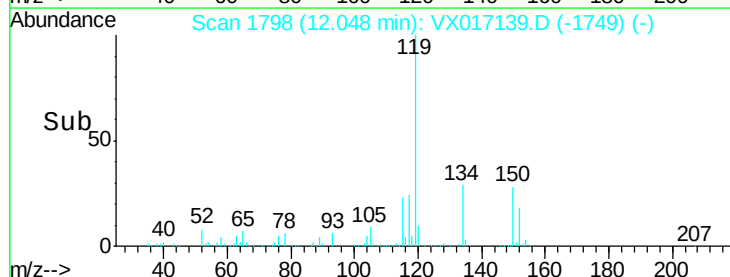
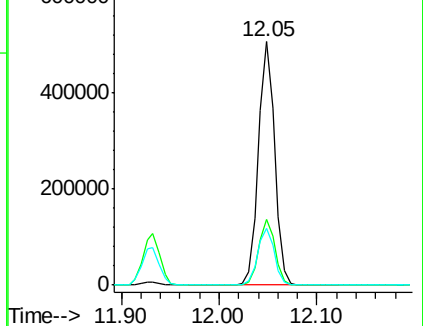
91 23.7 11.8 35.4

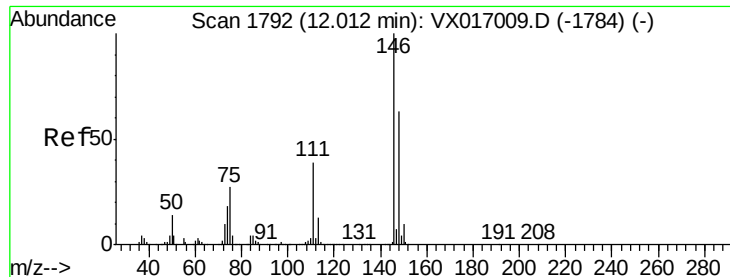


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

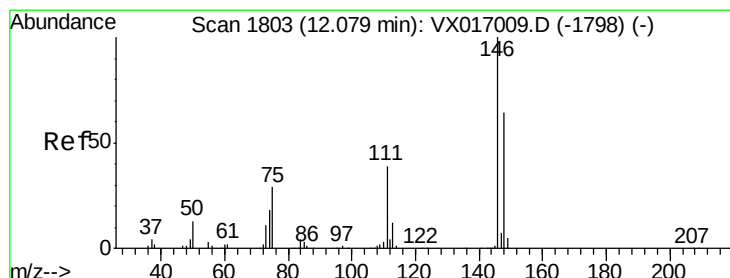
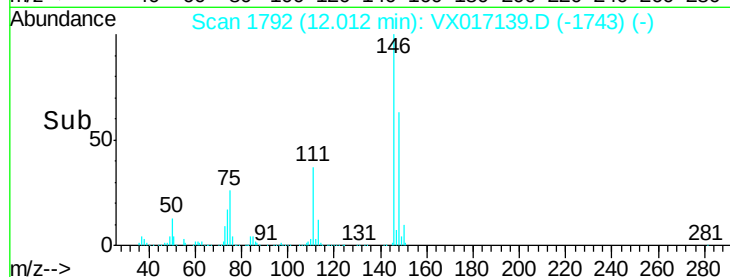
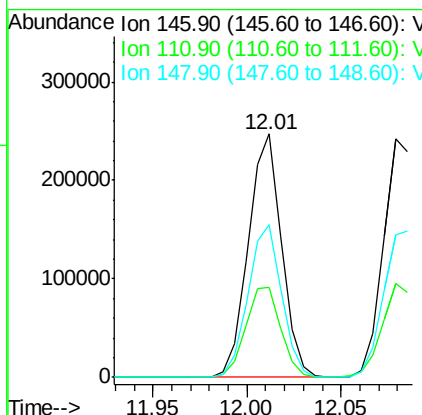
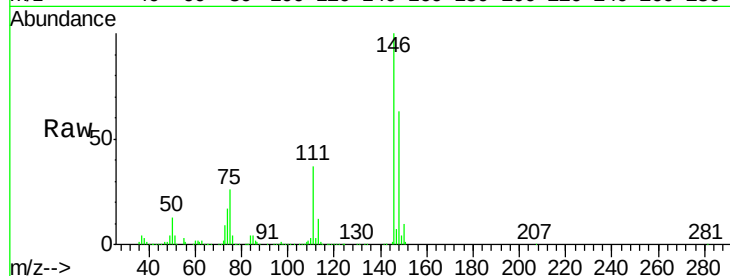




#87
 1,3-Dichlorobenzene
 Concen: 45.743 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017139.D
 Acq: 02 Jul 2020 10:40

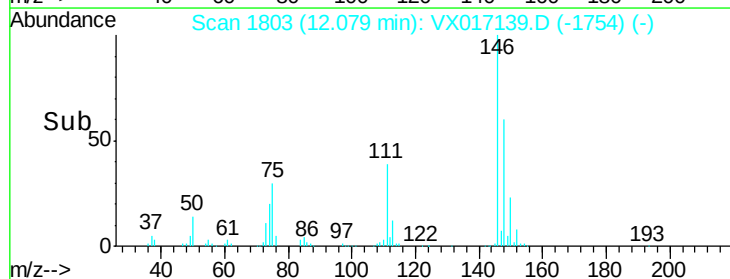
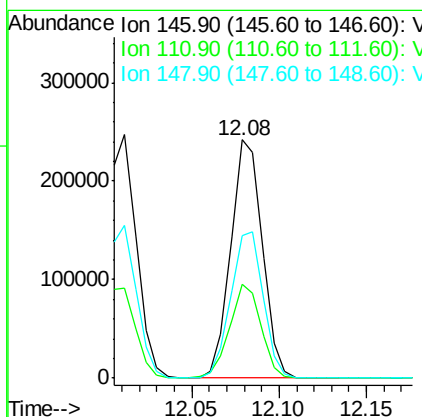
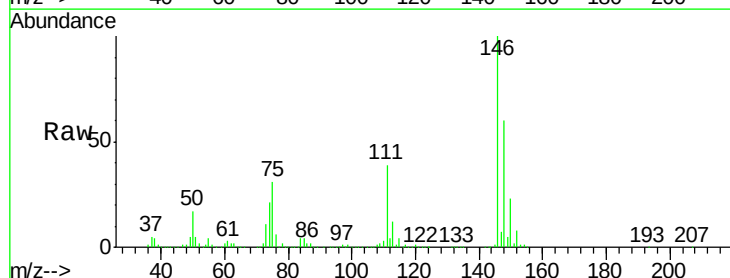
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

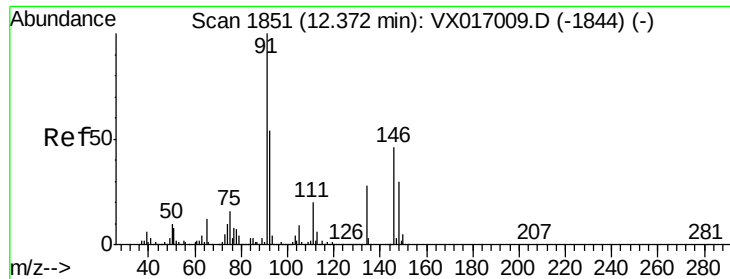
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.4	61.2
148	63.4	32.5	97.5



#88
 1,4-Dichlorobenzene
 Concen: 48.867 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017139.D
 Acq: 02 Jul 2020 10:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.5	58.5
148	63.1	31.9	95.7

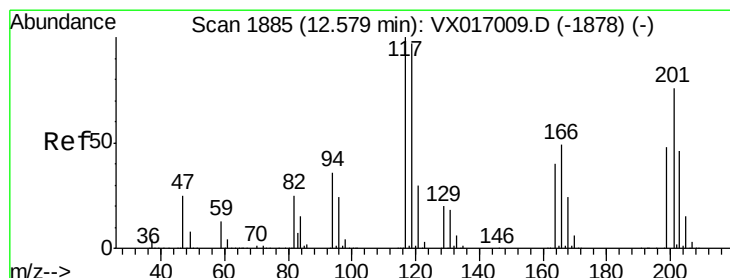
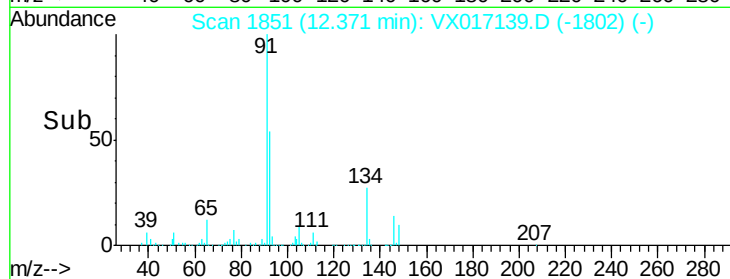
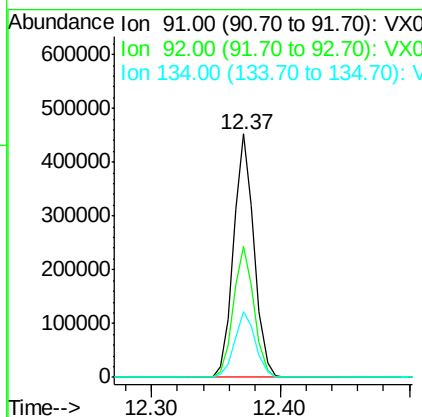
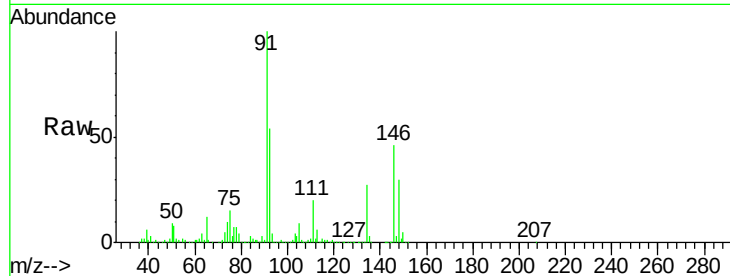




#89
n-Butylbenzene
Concen: 47.672 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

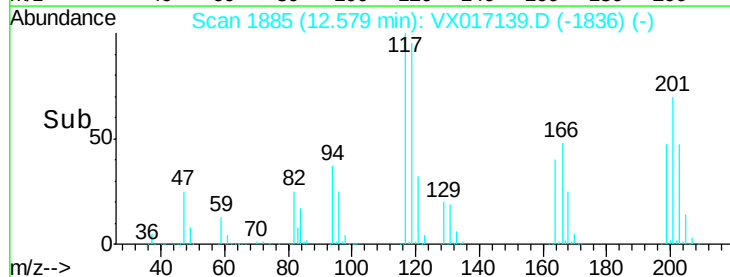
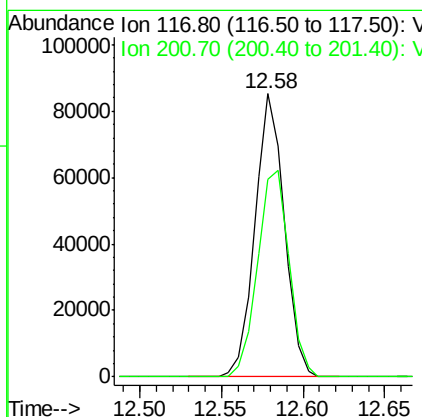
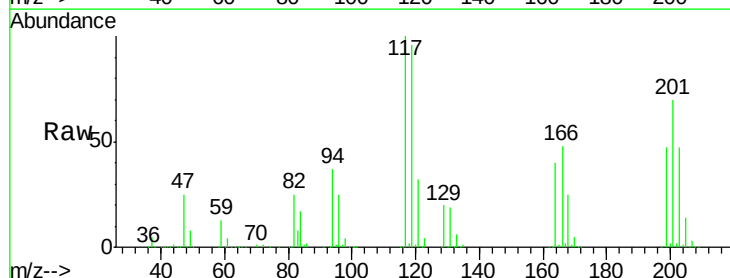
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

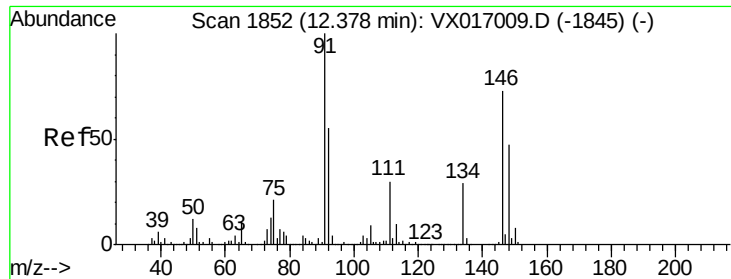
Tot Ion: 91 Resp: 501405
Ion Ratio Lower Upper
91 100
92 53.9 27.2 81.6
134 27.3 13.6 40.7



#90
Hexachloroethane
Concen: 45.902 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

Tgt Ion: 117 Resp: 106626
Ion Ratio Lower Upper
117 100
201 78.1 39.4 118.2

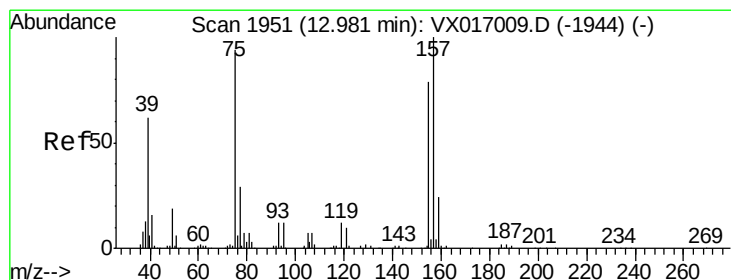
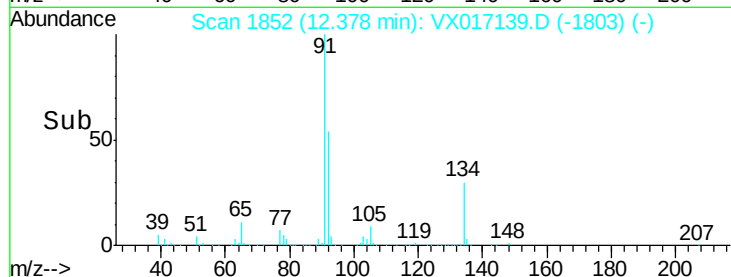
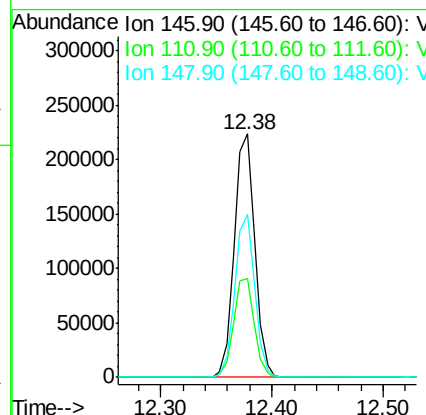
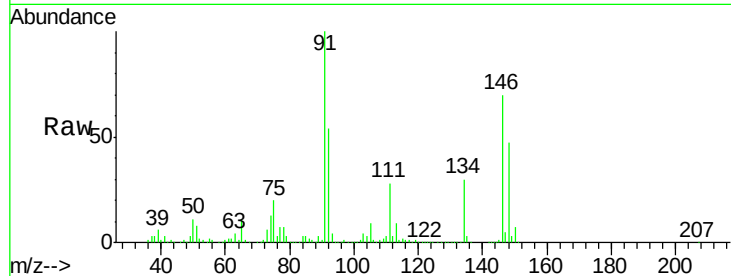




#91
1,2-Dichlorobenzene
Concen: 46.029 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

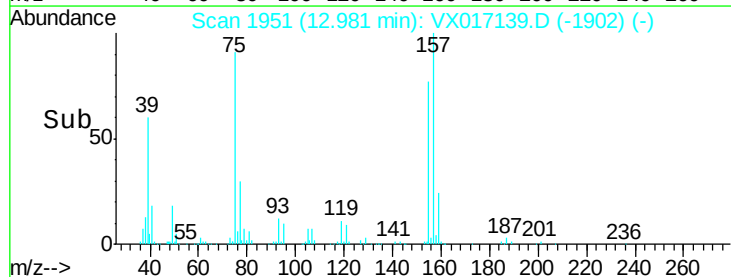
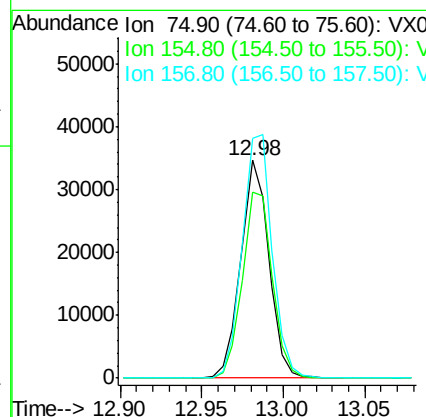
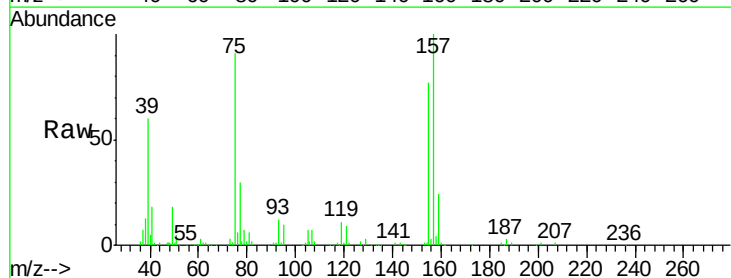
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

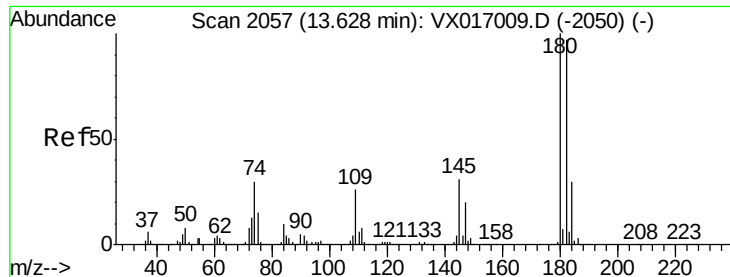
Tot Ion:146 Resp: 283918
Ion Ratio Lower Upper
146 100
111 40.9 20.6 61.9
148 64.8 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.075 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

Tgt Ion: 75 Resp: 41739
Ion Ratio Lower Upper
75 100
155 90.6 45.1 135.2
157 118.5 56.5 169.3

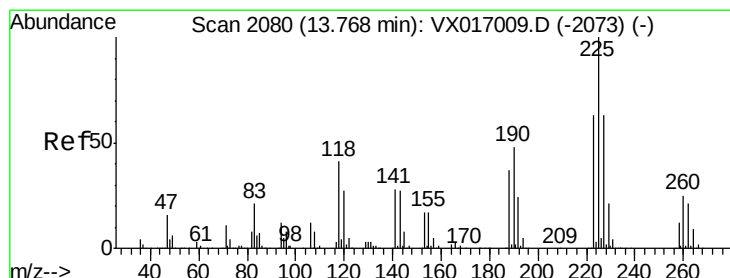
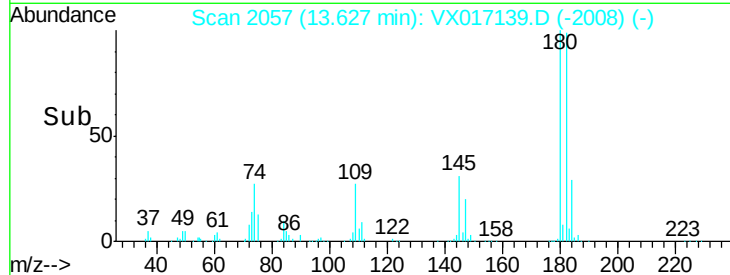
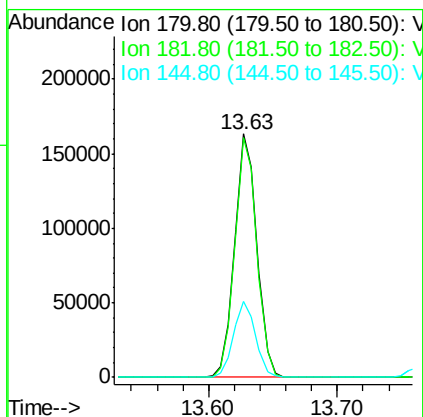
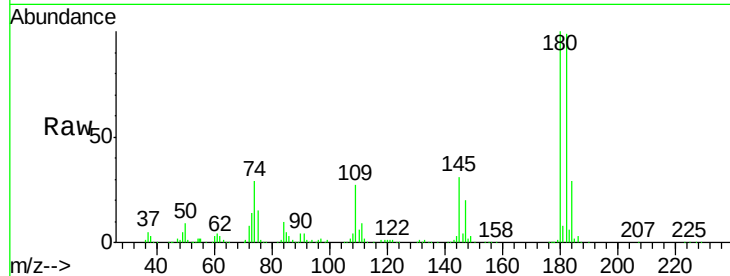




#93
 1,2,4-Trichlorobenzene
 Concen: 46.722 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017139.D
 Acq: 02 Jul 2020 10:40

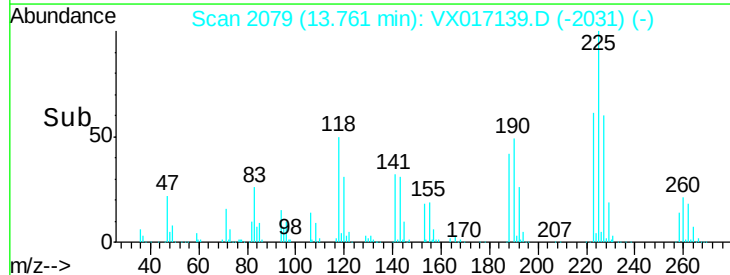
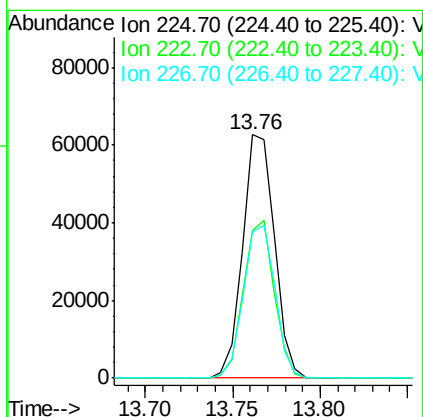
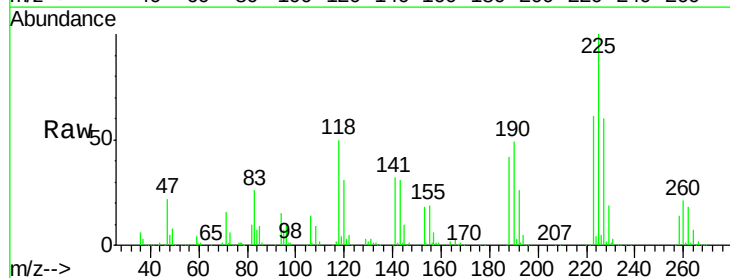
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

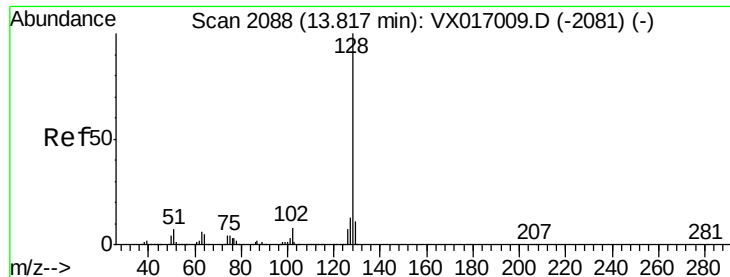
Tot Ion:180 Resp: 196706
 Ion Ratio Lower Upper
 180 100
 182 97.8 47.3 141.9
 145 31.1 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 49.778 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017139.D
 Acq: 02 Jul 2020 10:40

Tgt Ion:225 Resp: 79530
 Ion Ratio Lower Upper
 225 100
 223 62.7 32.5 97.5
 227 62.2 33.1 99.2

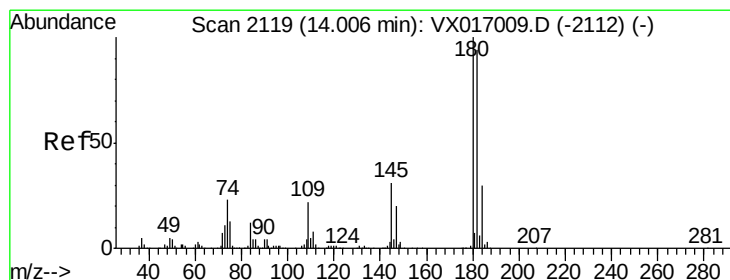
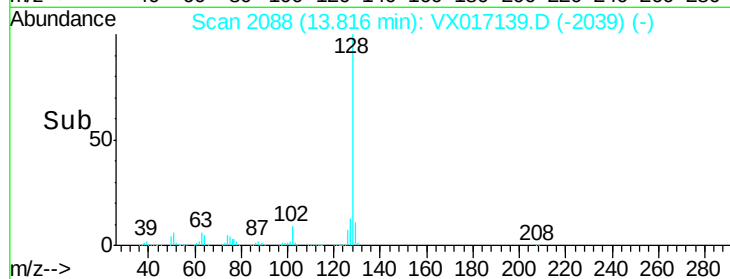
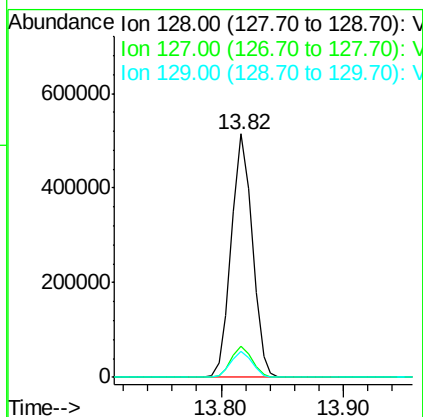
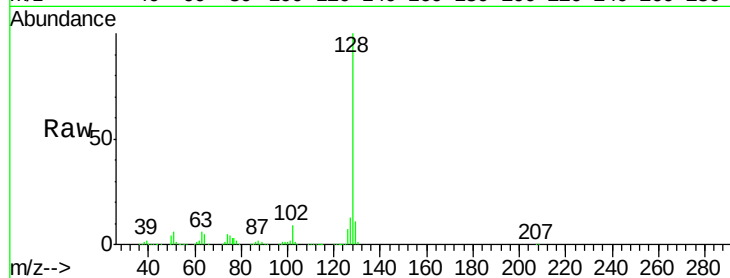




#95
Naphthalene
Concen: 47.572 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 608898
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.138 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX017139.D
Acq: 02 Jul 2020 10:40

Tgt Ion:180 Resp: 196134
Ion Ratio Lower Upper
180 100
182 96.2 47.1 141.4
145 32.4 16.6 49.7

