

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071320\
 Data File : VX071363.D
 Acq On : 13 Jul 2020 19:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 14 03:05:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	263803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	439870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	233661	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	180071	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
35) Dibromofluoromethane	5.47	113	146097	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	8.70	98	519362	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.12	95	210671	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	98784	44.253	ug/l	98
3) Chloromethane	1.31	50	144682	57.572	ug/l	97
4) Vinyl Chloride	1.39	62	127073	51.113	ug/l	97
5) Bromomethane	1.62	94	90770	56.085	ug/l	97
6) Chloroethane	1.71	64	84250	53.688	ug/l	94
7) Trichlorofluoromethane	1.92	101	184163	43.889	ug/l	97
8) Diethyl Ether	2.17	74	82332	55.508	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	93657	39.182	ug/l	97
10) Methyl Iodide	2.49	142	167806	52.828	ug/l	98
11) Tert butyl alcohol	3.01	59	173476	310.981	ug/l	99
12) 1,1-Dichloroethene	2.36	96	116423	48.496	ug/l	95
13) Acrolein	2.27	56	78159	255.596	ug/l	98
14) Allyl chloride	2.71	41	230740	55.470	ug/l	97
15) Acrylonitrile	3.12	53	413528	305.800	ug/l	100
16) Acetone	2.42	43	340949	288.645	ug/l	98
17) Carbon Disulfide	2.55	76	349197	49.862	ug/l	99
18) Methyl Acetate	2.75	43	174489	59.808	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	489630	60.066	ug/l	100
20) Methylene Chloride	2.84	84	154881	53.742	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	143851	52.372	ug/l	96
22) Diisopropyl ether	3.82	45	471602	59.517	ug/l	99
23) Vinyl Acetate	3.79	43	2175008	312.110	ug/l	99
24) 1,1-Dichloroethane	3.67	63	260538	55.948	ug/l	99
25) 2-Butanone	4.64	43	578188	308.186	ug/l	98
26) 2,2-Dichloropropane	4.55	77	204378	47.158	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	168106	55.811	ug/l	99
28) Bromochloromethane	4.98	49	129230	60.072	ug/l	96
29) Tetrahydrofuran	5.09	42	376212	309.783	ug/l	99
30) Chloroform	5.18	83	279173	55.721	ug/l	96
31) Cyclohexane	5.54	56	165691	43.462	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	234293	50.584	ug/l	99
36) 1,1-Dichloropropene	5.77	75	183265	45.295	ug/l	99
37) Ethyl Acetate	4.79	43	227277	54.318	ug/l	99
38) Carbon Tetrachloride	5.75	117	207567	43.817	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071320\
 Data File : VX017363.D
 Acq On : 13 Jul 2020 19:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 14 03:05:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	160768	36.590	ug/l	96
40) Benzene	6.11	78	589245	50.676	ug/l	100
41) Methacrylonitrile	5.00	41	125828	56.016	ug/l	99
42) 1,2-Dichloroethane	6.17	62	230239	50.964	ug/l	100
43) Isopropyl Acetate	6.42	43	371396	55.548	ug/l	100
44) Trichloroethene	7.19	130	169913	47.840	ug/l	97
45) 1,2-Dichloropropane	7.49	63	157966	53.093	ug/l	98
46) Dibromomethane	7.64	93	113454	52.873	ug/l	98
47) Bromodichloromethane	7.88	83	236173	52.645	ug/l	99
48) Methyl methacrylate	7.74	41	184412	57.477	ug/l	100
49) 1,4-Dioxane	7.71	88	75435	1148.896	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1167748	286.437	ug/l	100
52) Toluene	8.76	92	382268	51.230	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	258795	53.548	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	270663	52.508	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	166826	53.616	ug/l	98
56) Ethyl methacrylate	9.16	69	255423	57.821	ug/l	99
57) 1,3-Dichloropropane	9.35	76	275720	53.272	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	672249	299.711	ug/l	100
59) 2-Hexanone	9.47	43	892682	290.116	ug/l	99
60) Dibromochloromethane	9.57	129	203046	53.416	ug/l	99
61) 1,2-Dibromoethane	9.65	107	182296	53.856	ug/l	99
64) Tetrachloroethene	9.32	164	163775	43.948	ug/l	99
65) Chlorobenzene	10.12	112	440986	50.400	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	179754	51.600	ug/l	98
67) Ethyl Benzene	10.24	91	722951	49.633	ug/l	99
68) m/p-Xylenes	10.34	106	569159	102.698	ug/l	97
69) o-Xylene	10.68	106	273960	51.733	ug/l	99
70) Styrene	10.70	104	493633	54.303	ug/l	99
71) Bromoform	10.84	173	159295	54.190	ug/l #	100
73) Isopropylbenzene	11.00	105	701462	47.890	ug/l	99
74) N-amyl acetate	10.88	43	339958	57.999	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	244428	54.961	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	303907	70.387	ug/l	87
77) Bromobenzene	11.24	156	209120	50.127	ug/l	96
78) n-propylbenzene	11.34	91	800538	48.664	ug/l	100
79) 2-Chlorotoluene	11.40	91	514576	50.760	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	623979	50.185	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	90644	53.256	ug/l	97
82) 4-Chlorotoluene	11.49	91	616553	51.319	ug/l	99
83) tert-Butylbenzene	11.76	119	593739	49.399	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	644908	51.341	ug/l	99
85) sec-Butylbenzene	11.93	105	655683	46.596	ug/l	100
86) p-Isopropyltoluene	12.05	119	637742	47.898	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	365237	48.940	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	369152	48.960	ug/l	99
89) n-Butylbenzene	12.37	91	520176	45.809	ug/l	100
90) Hexachloroethane	12.58	117	120230	47.564	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	350986	50.046	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59026	50.299	ug/l	99

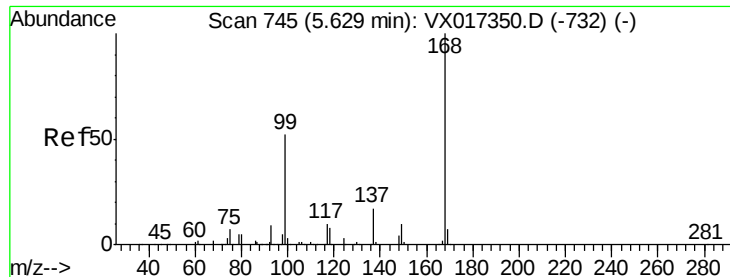
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071320\
Data File : VX017363.D
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Quant Time: Jul 14 03:05:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	233947	48.055	ug/l	99
94) Hexachlorobutadiene	13.77	225	81668	41.135	ug/l	97
95) Naphthalene	13.82	128	784601	54.813	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	240312	51.101	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

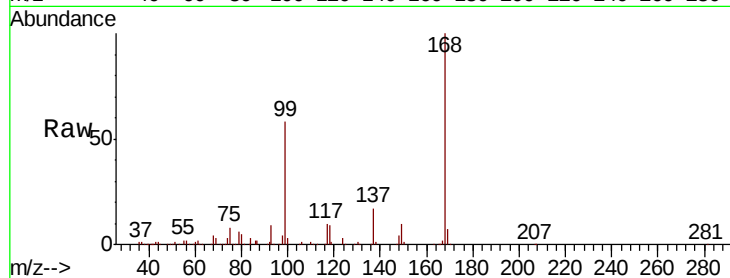
VSTDCCC050EC

Tot Ion:168 Resp: 263803

Ion Ratio Lower Upper

168 100

99 57.4 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

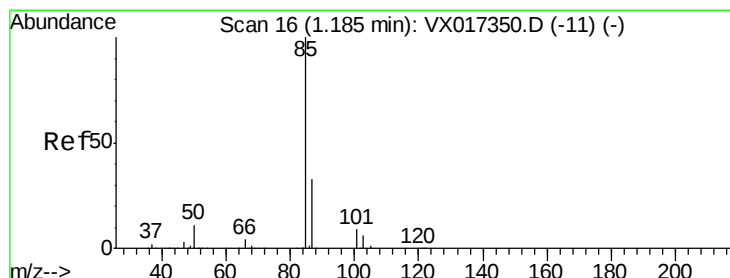
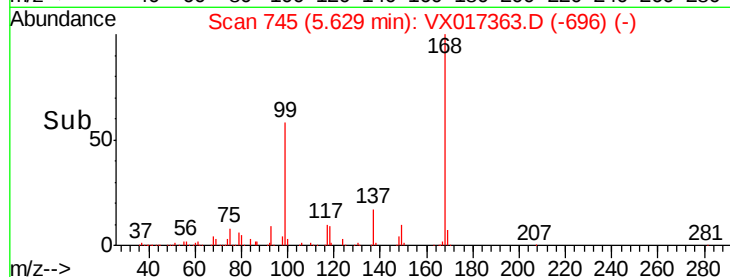
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.253 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017363.D

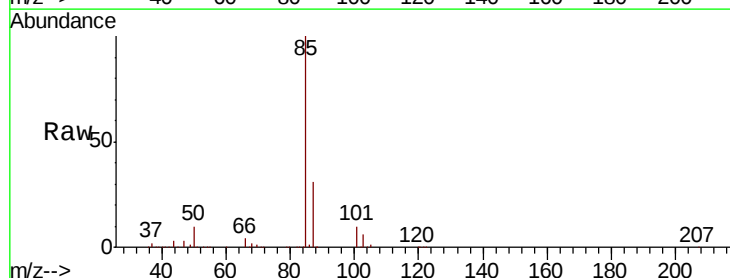
Acq: 13 Jul 2020 19:07

Tgt Ion: 85 Resp: 98784

Ion Ratio Lower Upper

85 100

87 31.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

120000

100000

80000

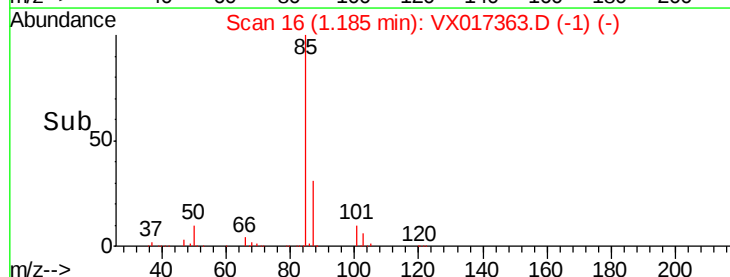
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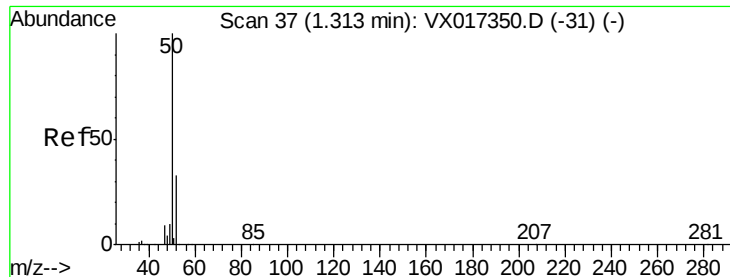
40000

20000

0

Time-->





#3

Chloromethane

Concen: 57.572 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

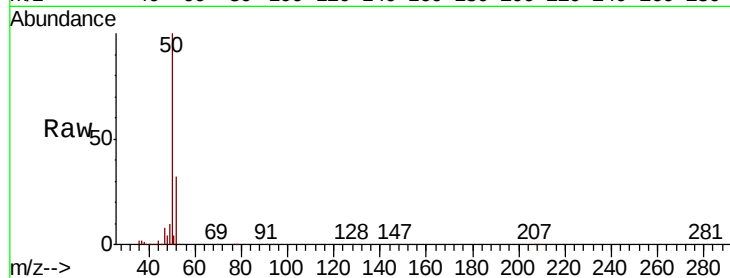
VSTDCCC050EC

Tot Ion: 50 Resp: 144682

Ion Ratio Lower Upper

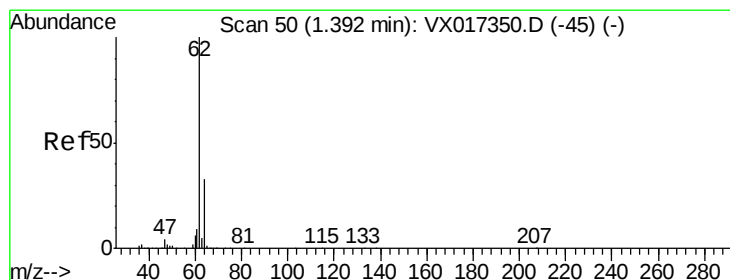
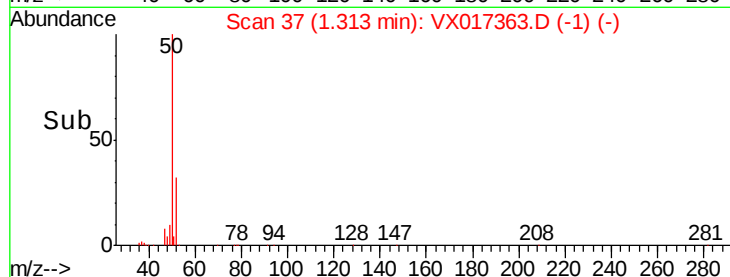
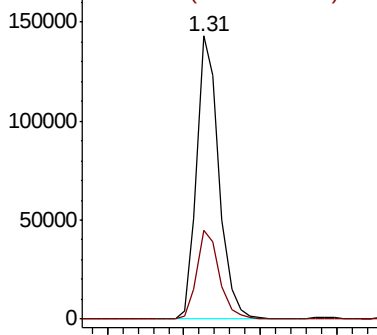
50 100

52 31.6 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.113 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017363.D

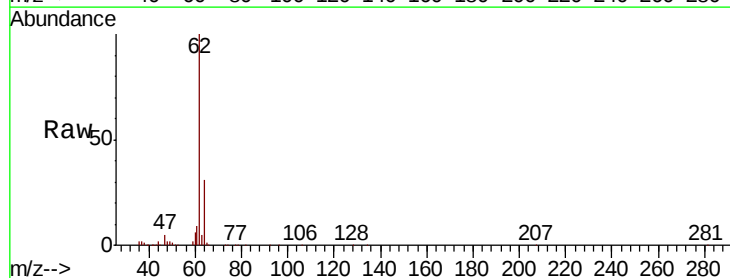
Acq: 13 Jul 2020 19:07

Tgt Ion: 62 Resp: 127073

Ion Ratio Lower Upper

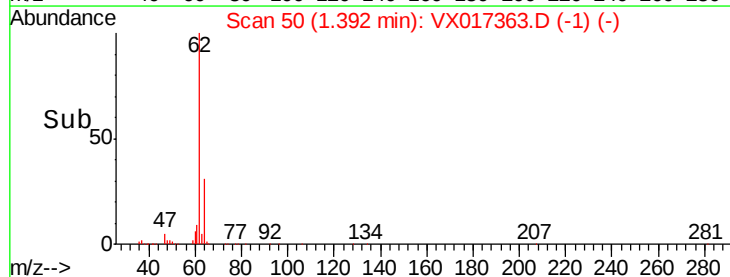
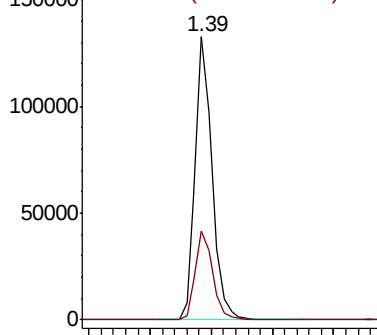
62 100

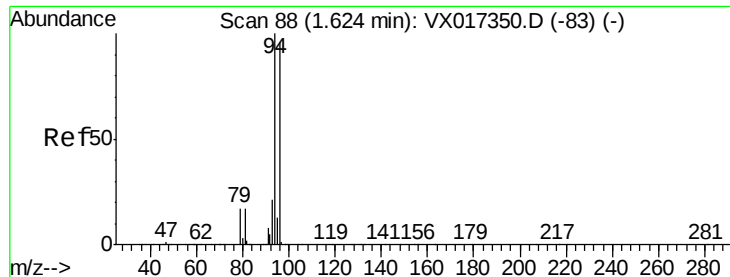
64 31.4 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 56.085 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

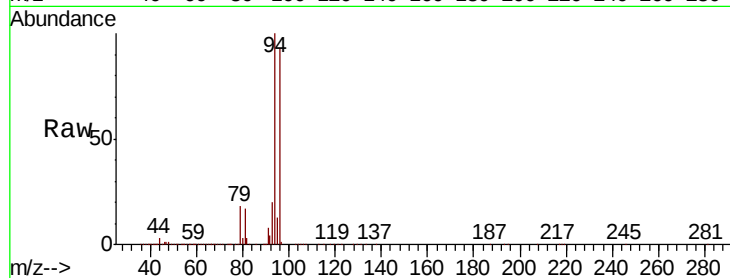
VSTDCCC050EC

Tot Ion: 94 Resp: 90770

Ion Ratio Lower Upper

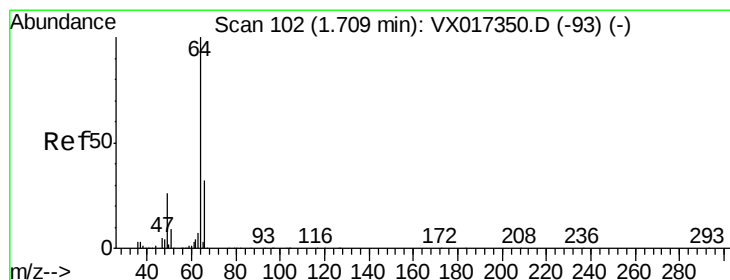
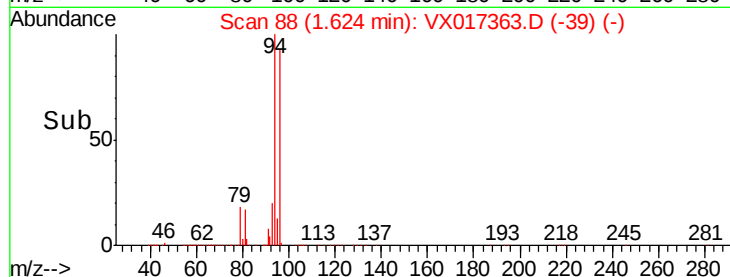
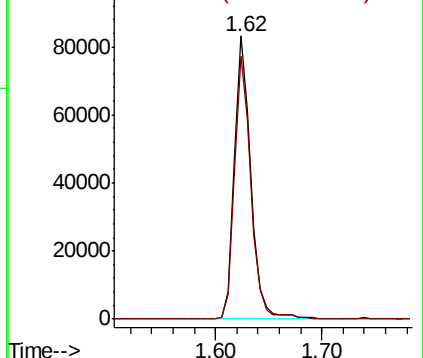
94 100

96 92.6 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.688 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017363.D

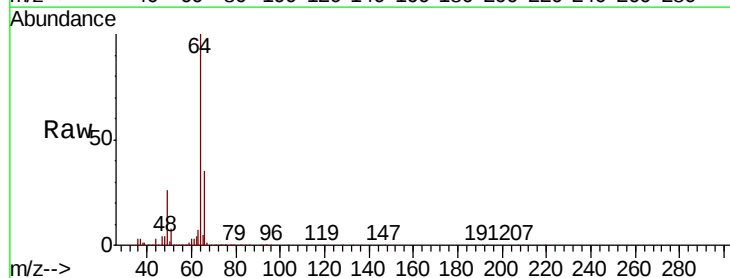
Acq: 13 Jul 2020 19:07

Tgt Ion: 64 Resp: 84250

Ion Ratio Lower Upper

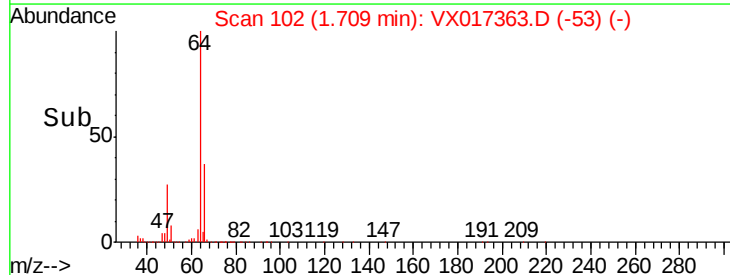
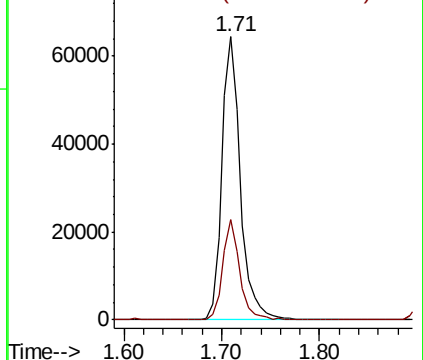
64 100

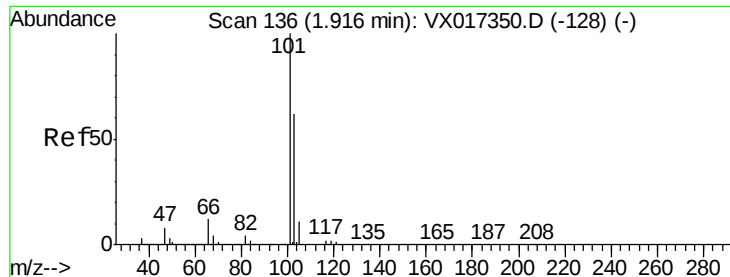
66 35.4 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



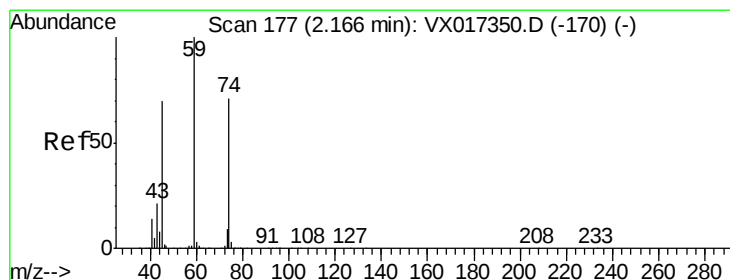
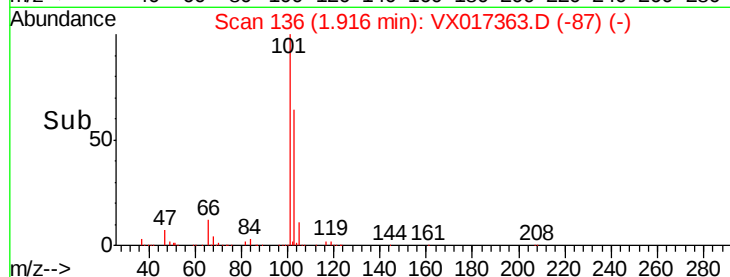
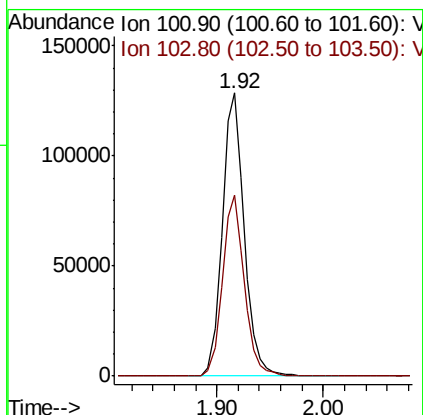
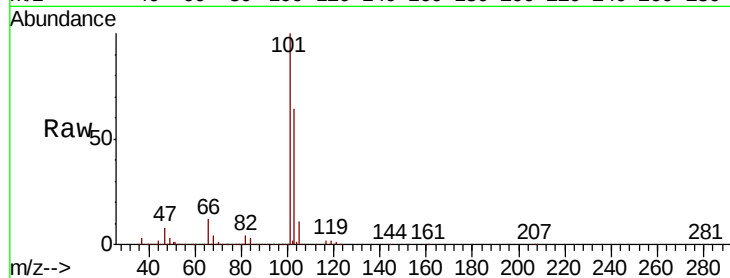


#7

Trichlorofluoromethane
Concen: 43.889 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

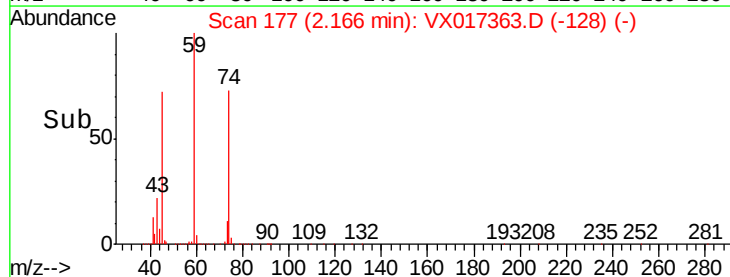
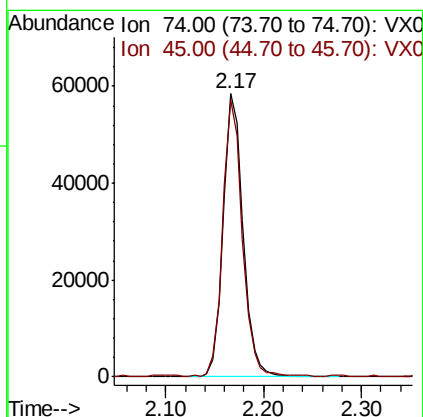
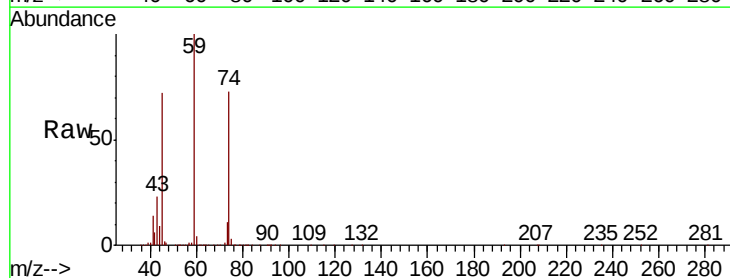
Tot Ion:101 Resp: 184163
Ion Ratio Lower Upper
101 100
103 64.1 49.6 74.4

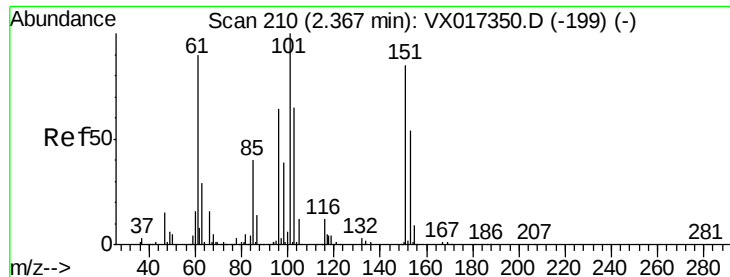


#8

Diethyl Ether
Concen: 55.508 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion: 74 Resp: 82332
Ion Ratio Lower Upper
74 100
45 97.1 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 39.182 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

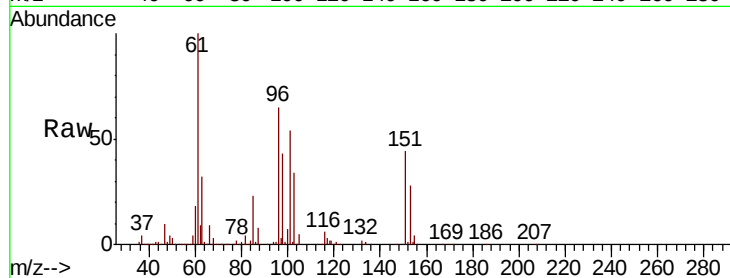
Tot Ion:101 Resp: 93657

Ion Ratio Lower Upper

101 100

85 43.4 33.7 50.5

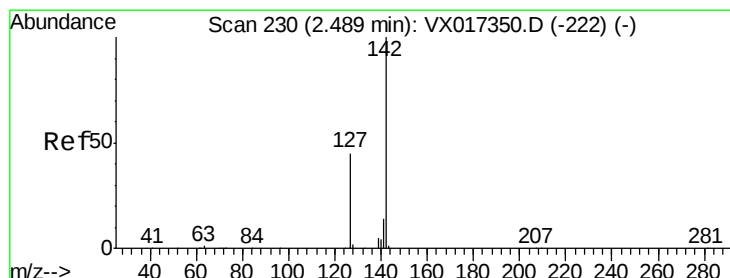
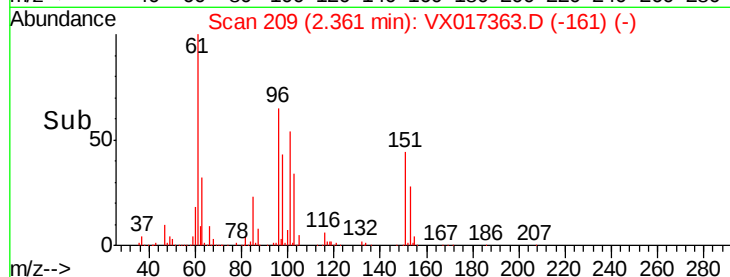
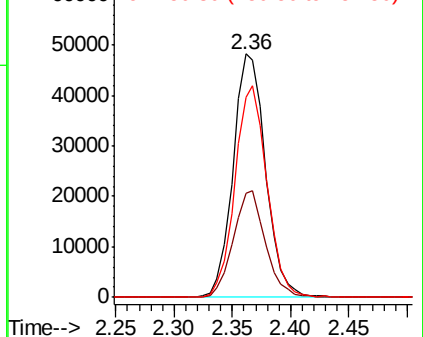
151 85.9 66.4 99.6



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: 52.828 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

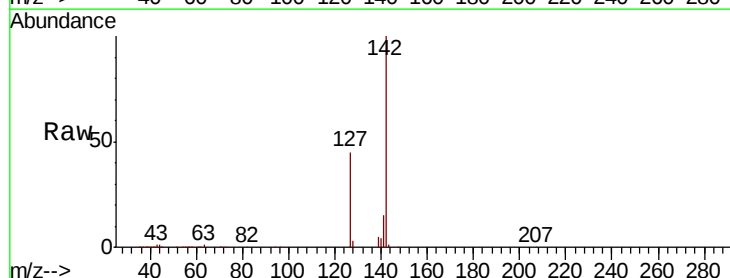
Tgt Ion:142 Resp: 167806

Ion Ratio Lower Upper

142 100

127 44.6 36.8 55.2

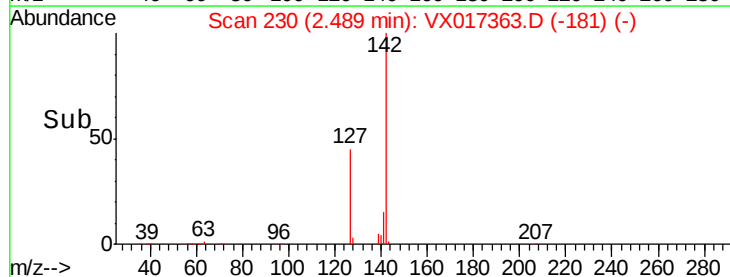
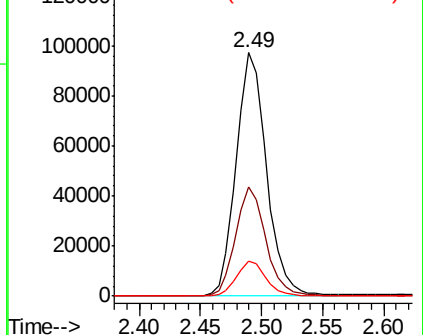
141 14.3 11.4 17.0

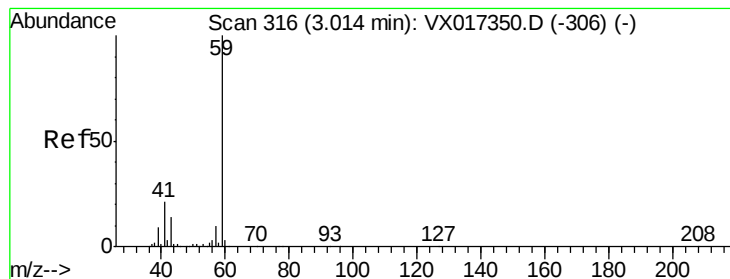


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



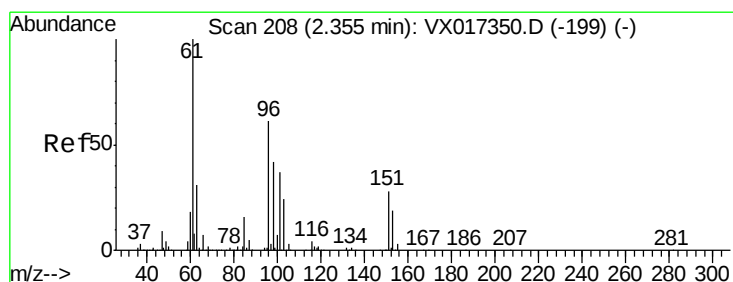
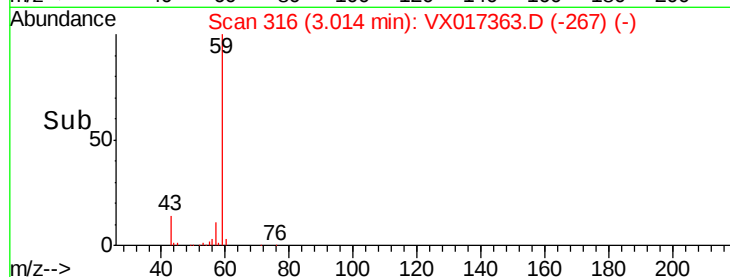
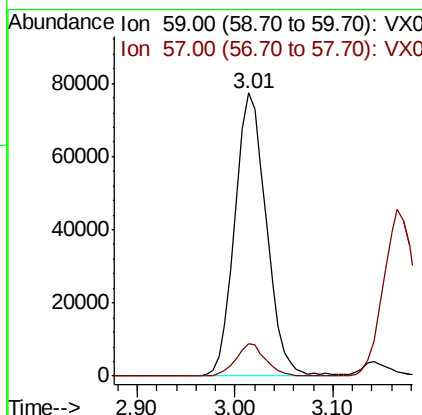
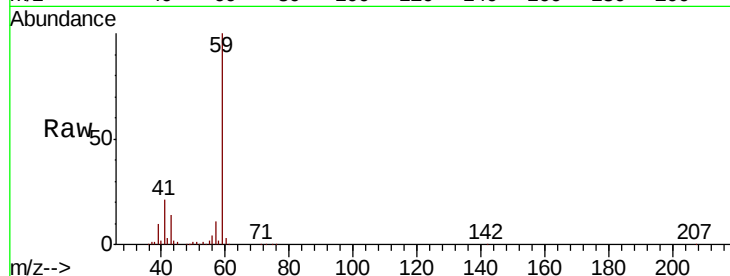


#11

Tert butyl alcohol
 Concen: 310.981 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

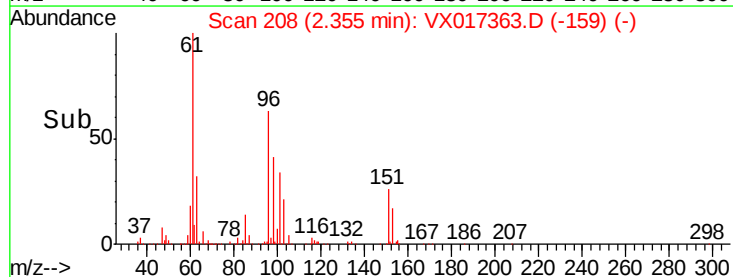
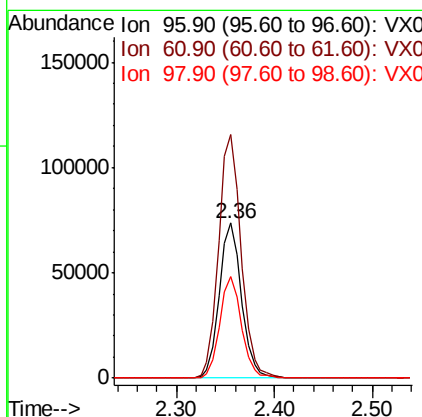
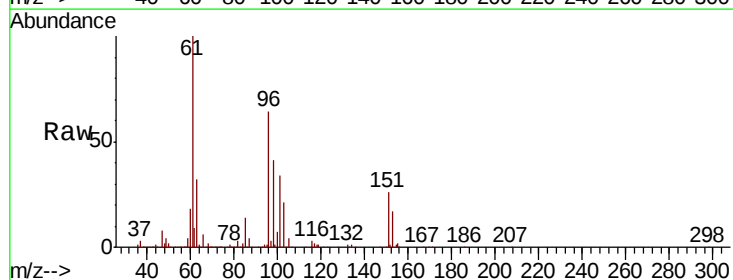
Tot Ion: 59 Resp: 173476
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.3 12.5

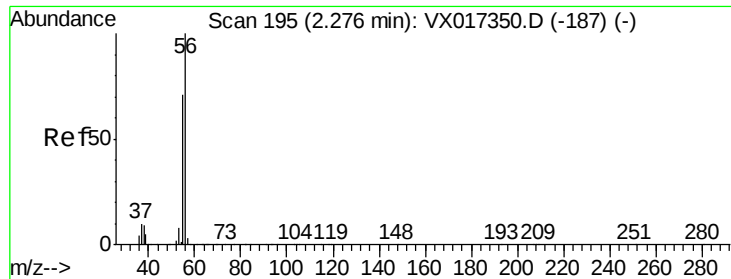


#12

1,1-Dichloroethene
 Concen: 48.496 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Tgt Ion: 96 Resp: 116423
 Ion Ratio Lower Upper
 96 100
 61 157.3 131.5 197.3
 98 65.3 55.1 82.7

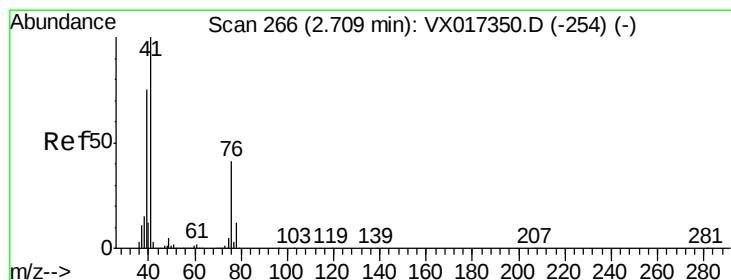
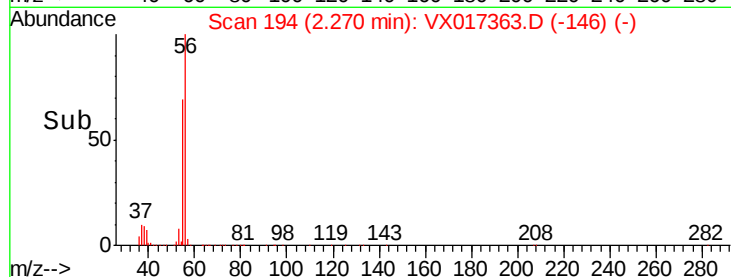
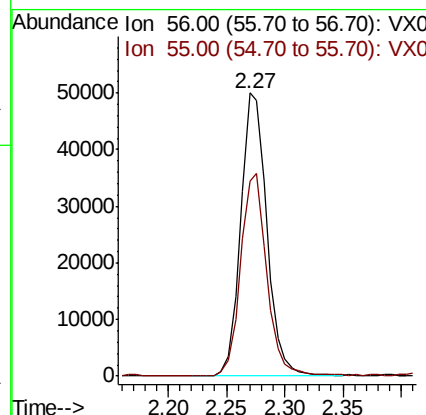
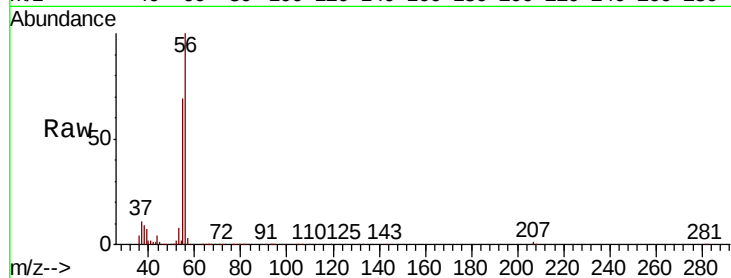




#13
Acrolein
Concen: 255.596 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

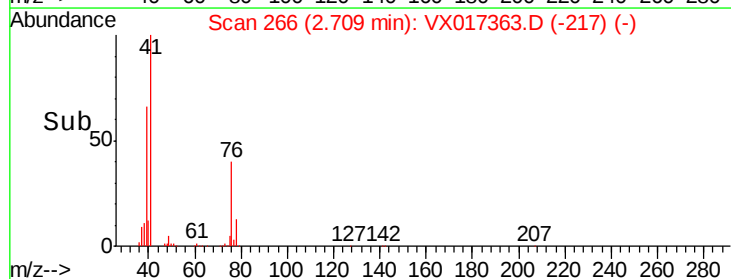
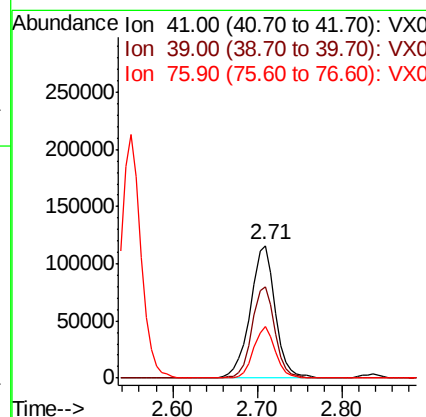
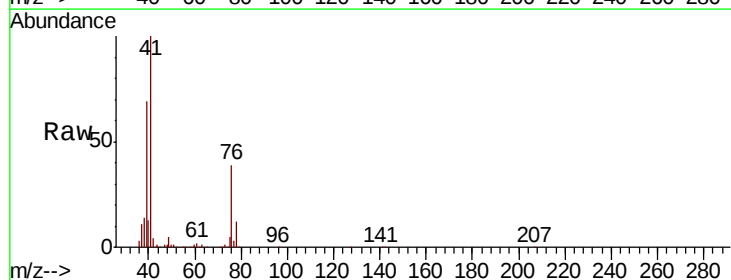
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

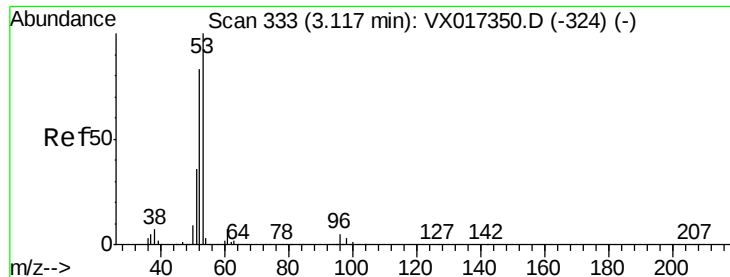
Tot Ion: 56 Resp: 78159
Ion Ratio Lower Upper
56 100
55 72.7 57.1 85.7



#14
Allyl chloride
Concen: 55.470 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion: 41 Resp: 230740
Ion Ratio Lower Upper
41 100
39 63.5 53.0 79.4
76 33.8 28.2 42.2





#15

Acrylonitrile

Concen: 305.800 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

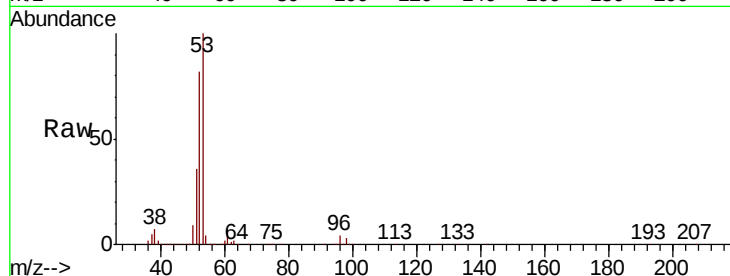
Tot Ion: 53 Resp: 413528

Ion Ratio Lower Upper

53 100

52 82.4 65.8 98.6

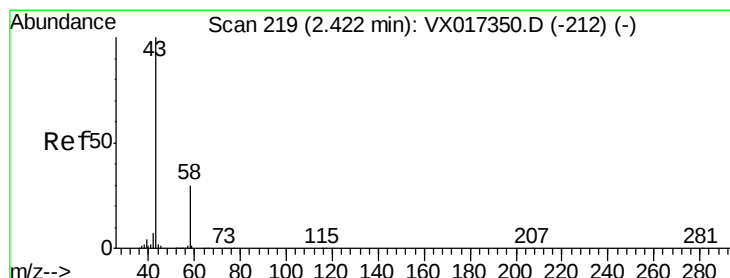
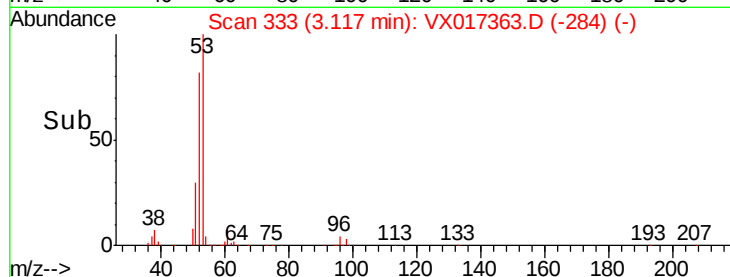
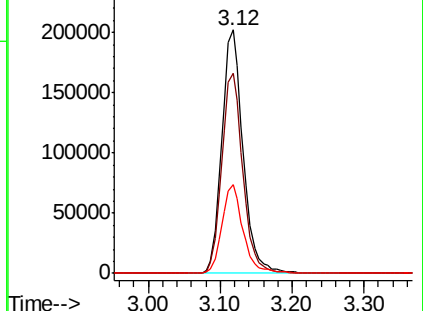
51 36.4 29.2 43.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 288.645 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017363.D

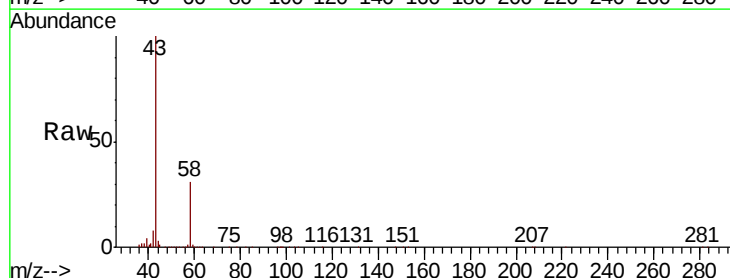
Acq: 13 Jul 2020 19:07

Tgt Ion: 43 Resp: 340949

Ion Ratio Lower Upper

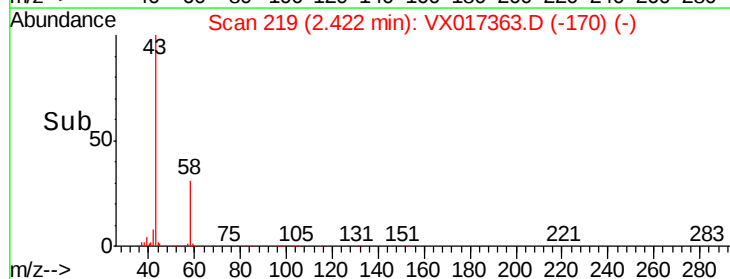
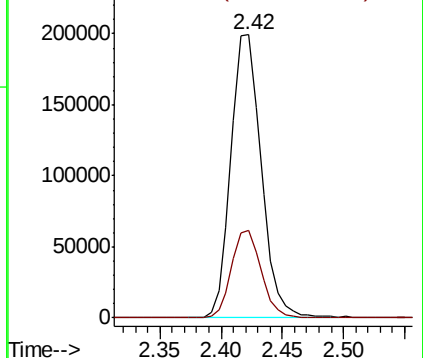
43 100

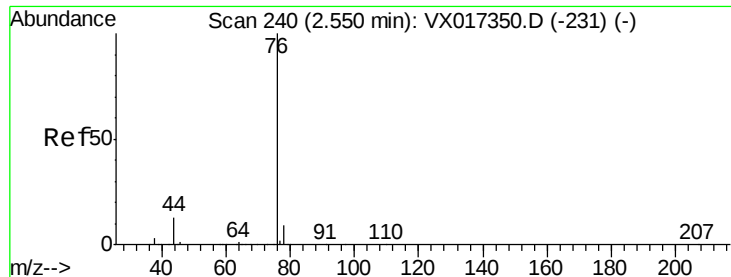
58 31.1 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.862 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

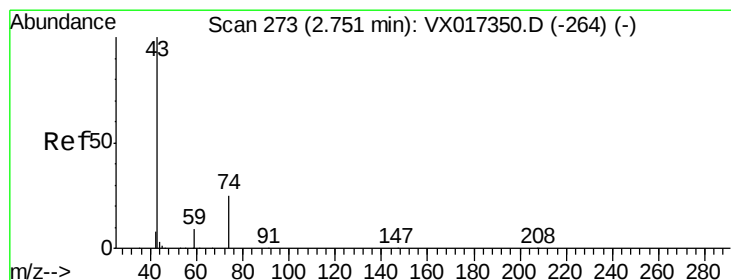
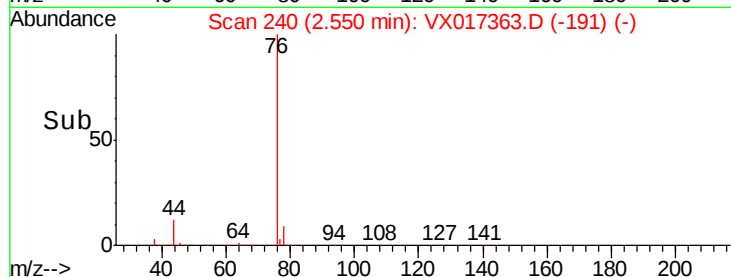
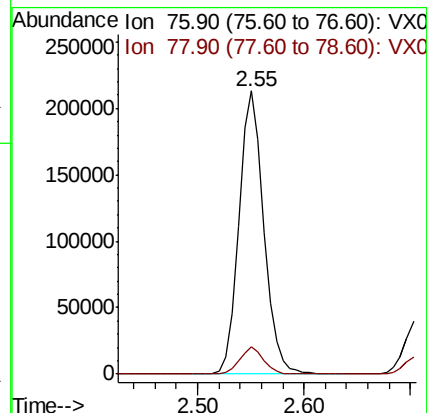
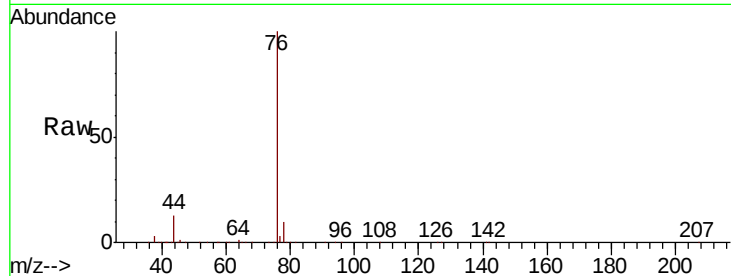
VSTDCCC050EC

Tot Ion: 76 Resp: 349197

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9



#18

Methyl Acetate

Concen: 59.808 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017363.D

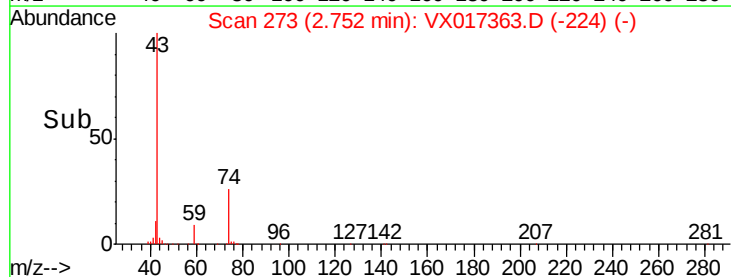
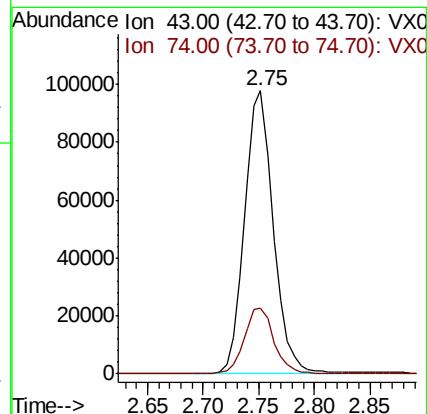
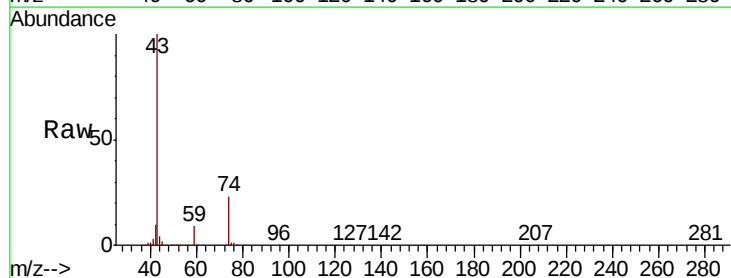
Acq: 13 Jul 2020 19:07

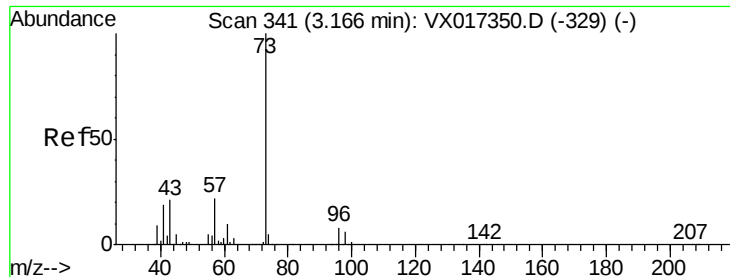
Tgt Ion: 43 Resp: 174489

Ion Ratio Lower Upper

43 100

74 24.4 19.4 29.2



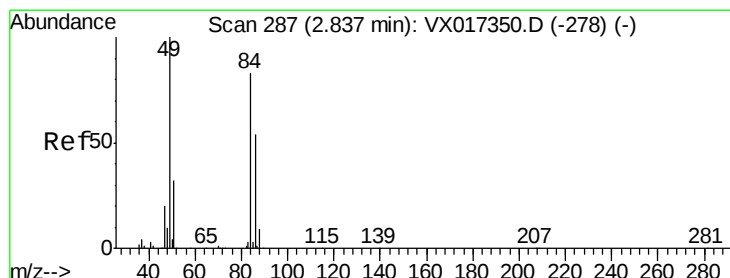
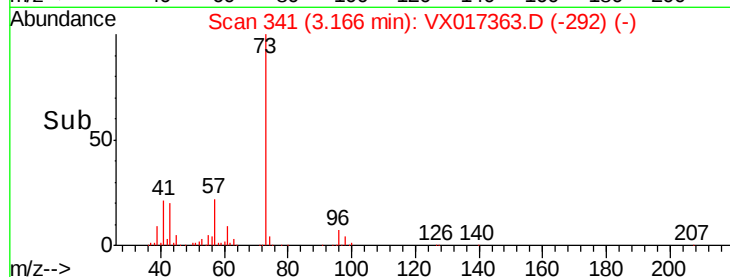
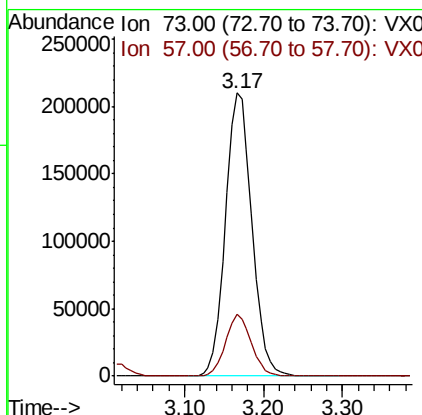
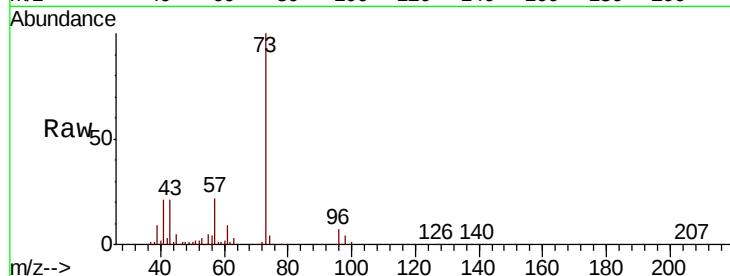


#19

Methyl tert-butyl Ether
 Concen: 60.066 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

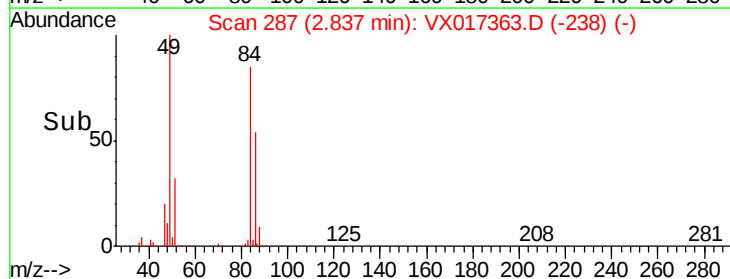
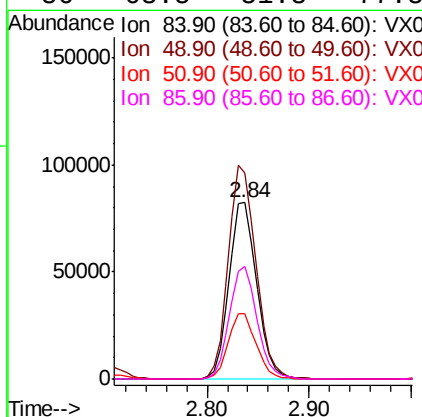
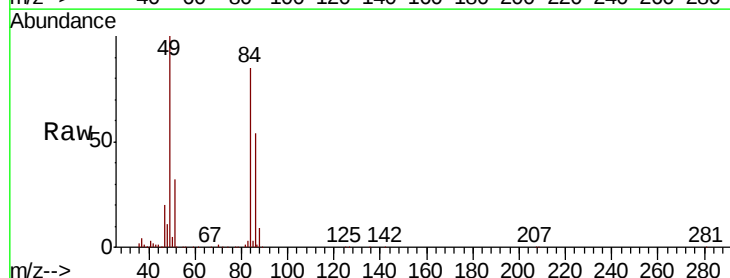
Tot Ion: 73 Resp: 489630
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.5 26.3

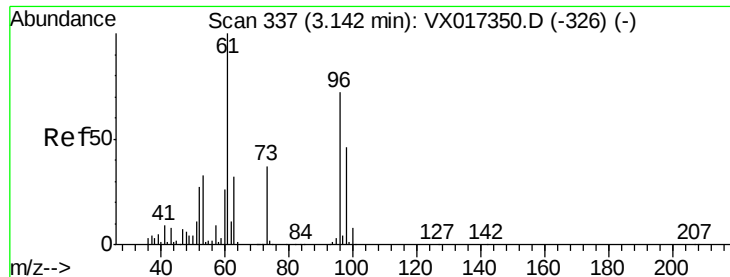


#20

Methylene Chloride
 Concen: 53.742 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Tgt Ion: 84 Resp: 154881
 Ion Ratio Lower Upper
 84 100
 49 117.1 95.8 143.8
 51 37.2 31.0 46.4
 86 63.5 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 52.372 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

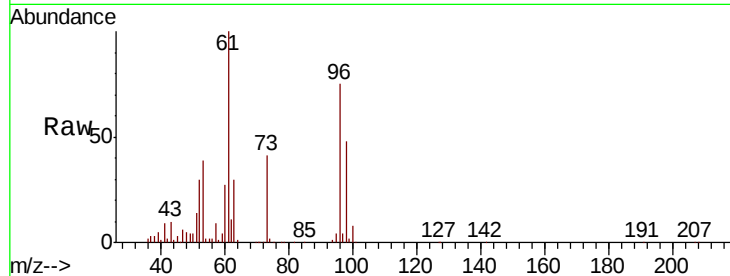
Tot Ion: 96 Resp: 143851

Ion Ratio Lower Upper

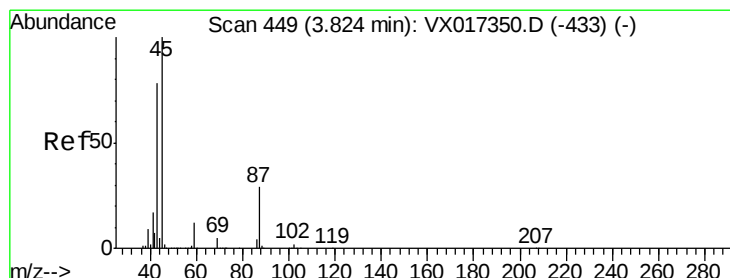
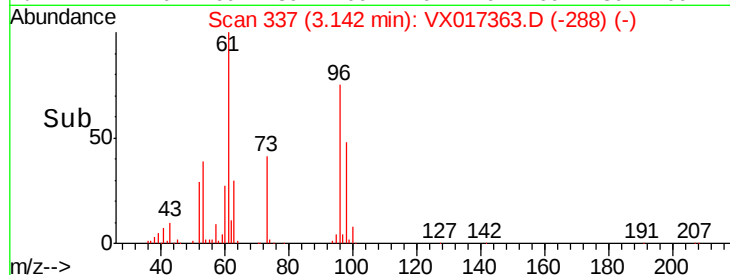
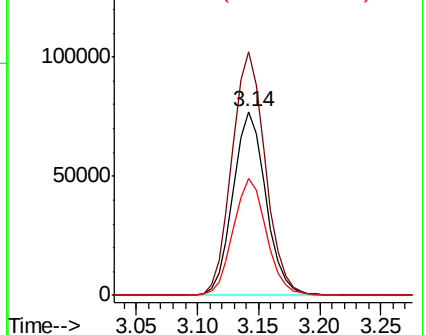
96 100

61 132.3 111.1 166.7

98 63.4 51.4 77.0



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



#22

Diisopropyl ether

Concen: 59.517 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Tgt Ion: 45 Resp: 471602

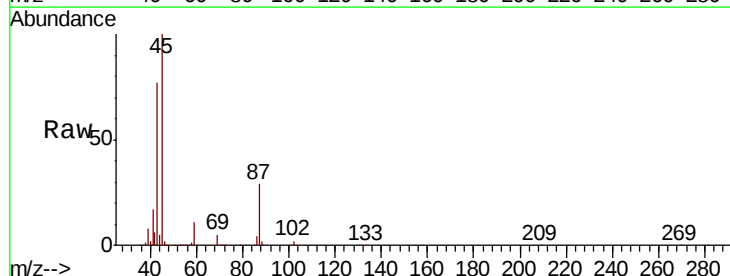
Ion Ratio Lower Upper

45 100

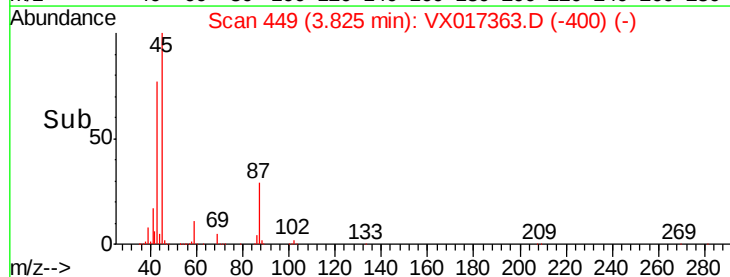
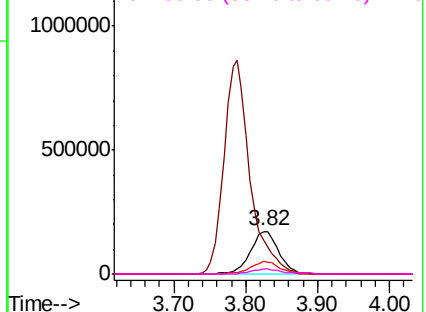
43 76.8 62.2 93.2

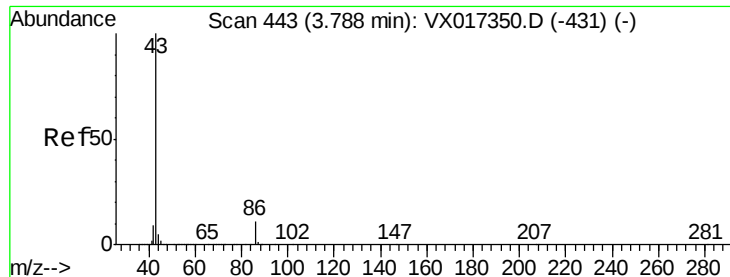
87 29.0 23.0 34.6

59 11.5 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 312.110 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

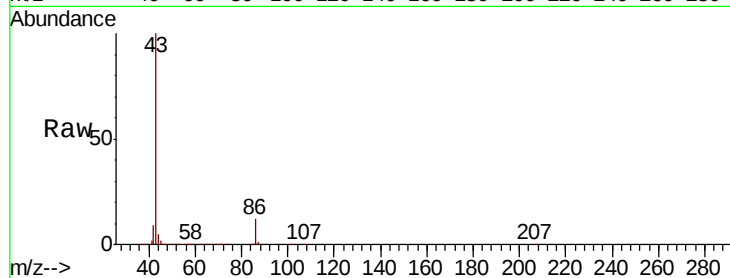
VSTDCCC050EC

Tot Ion: 43 Resp: 2175008

Ion Ratio Lower Upper

43 100

86 11.6 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

800000

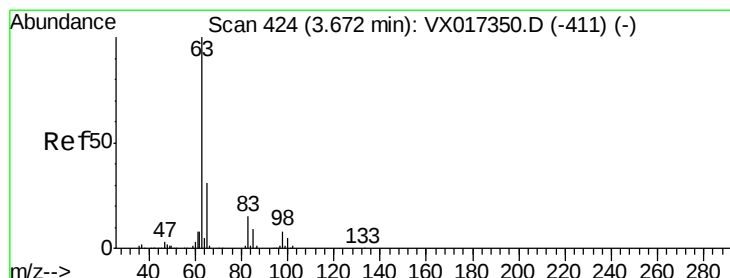
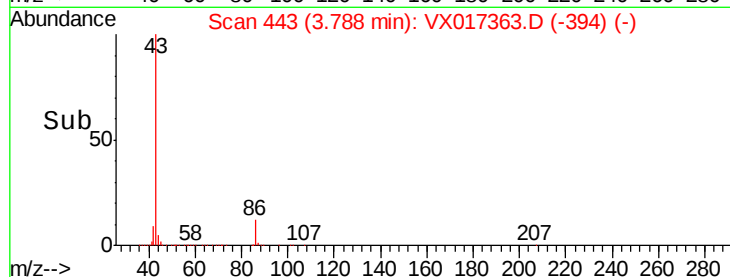
600000

400000

200000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 55.948 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

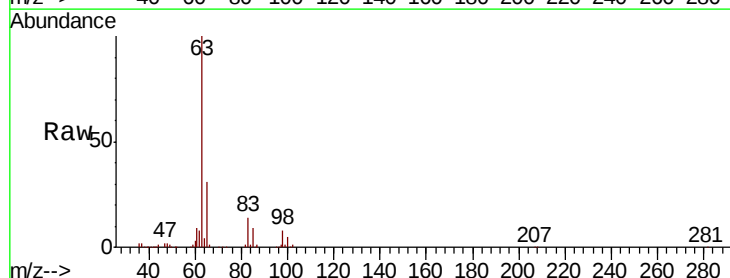
Tgt Ion: 63 Resp: 260538

Ion Ratio Lower Upper

63 100

98 8.2 3.9 11.5

100 4.8 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

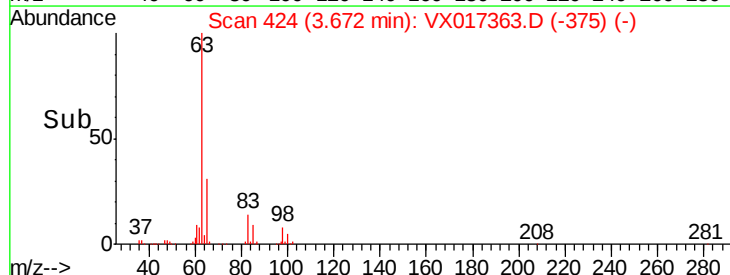
150000

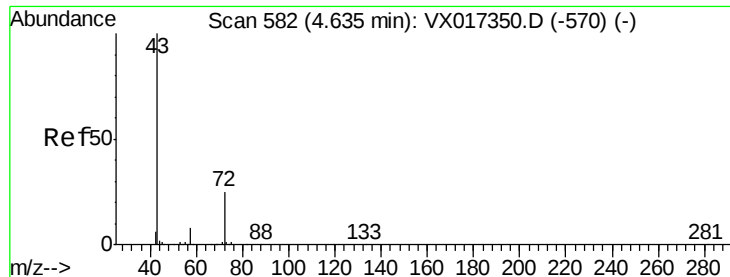
100000

50000

0

Time--> 3.50 3.60 3.70 3.80

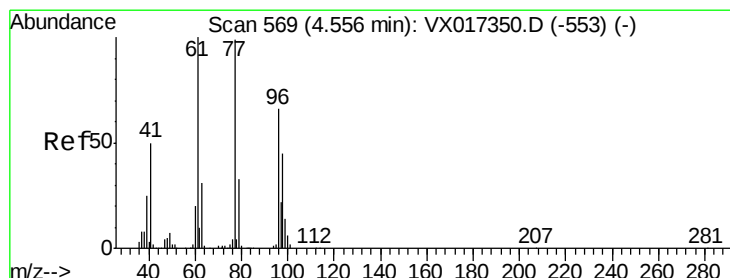
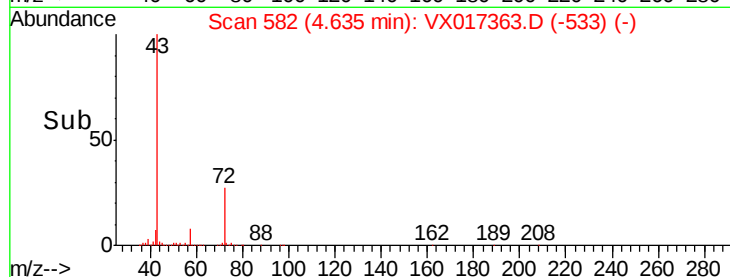
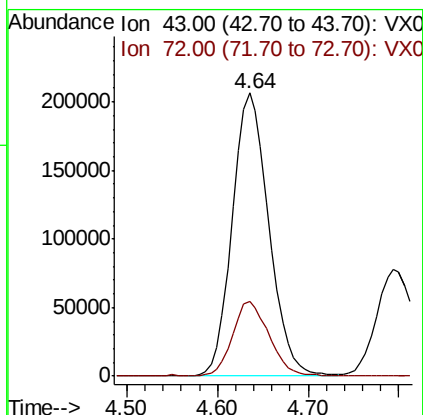
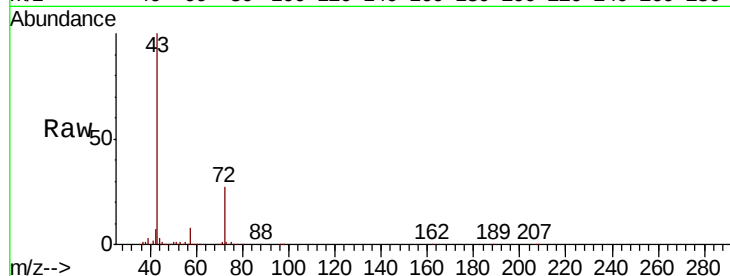




#25
2-Butanone
Concen: 308.186 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

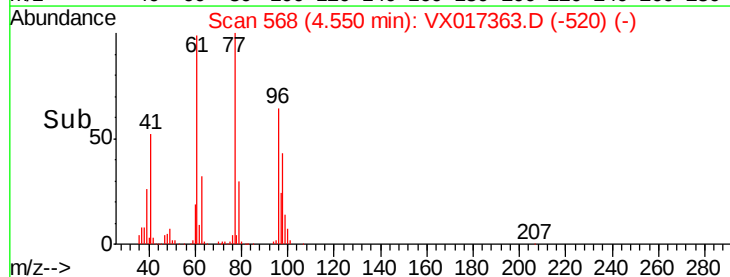
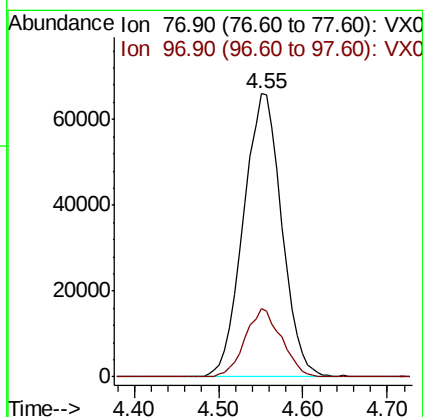
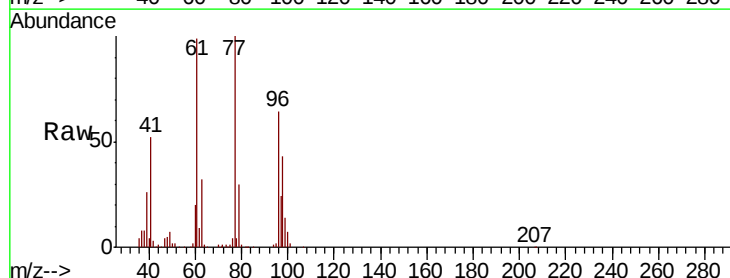
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

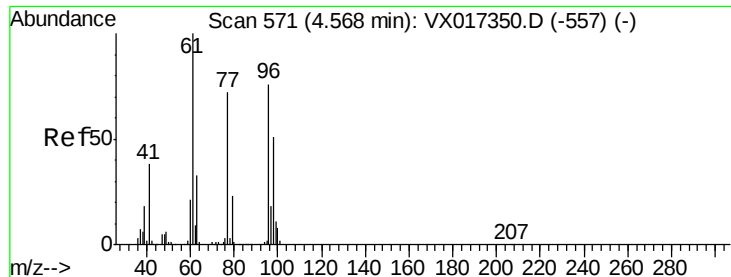
Tot Ion: 43 Resp: 578188
Ion Ratio Lower Upper
43 100
72 26.4 20.4 30.6



#26
2,2-Dichloropropane
Concen: 47.158 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.01 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion: 77 Resp: 204378
Ion Ratio Lower Upper
77 100
97 22.9 11.1 33.3



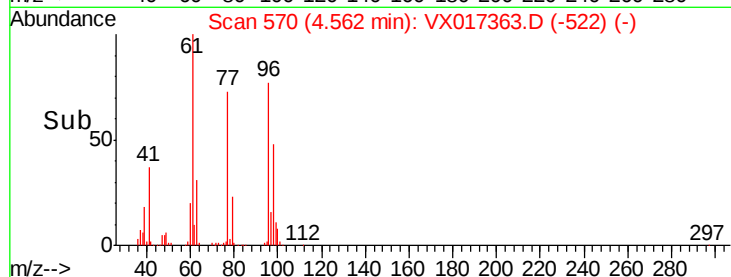
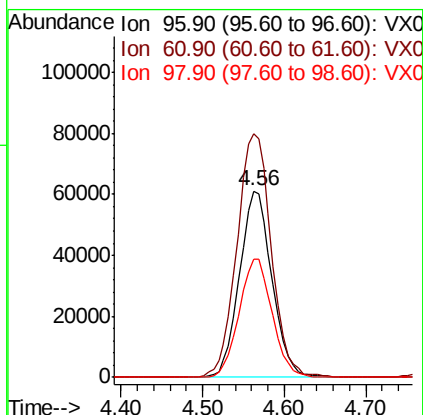
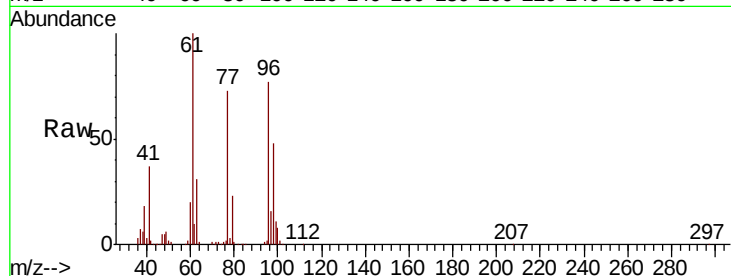


#27

cis-1,2-Dichloroethene
Concen: 55.811 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

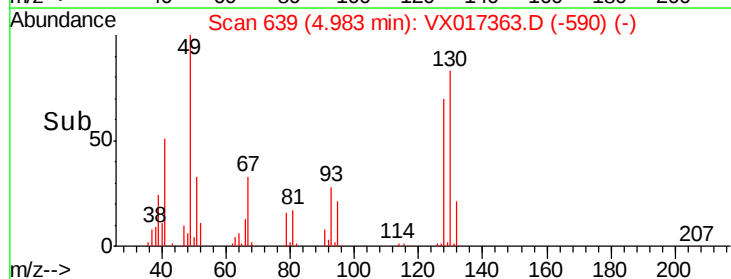
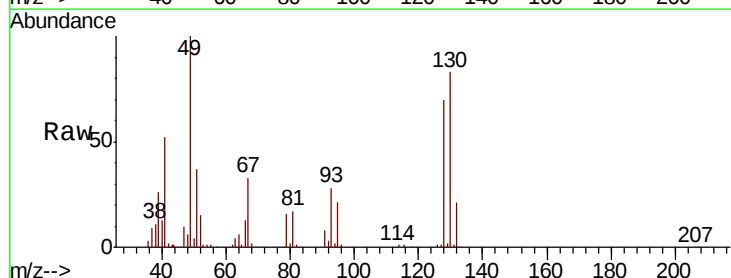
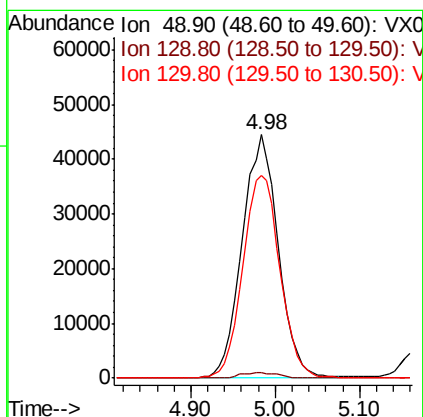
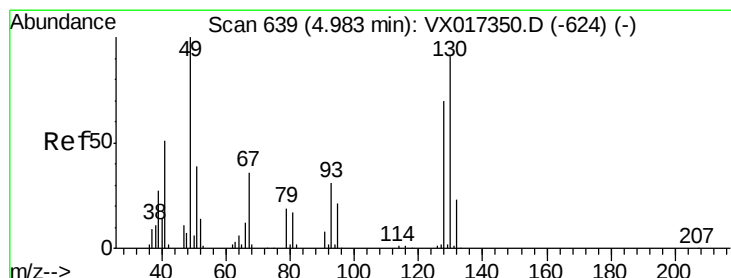
Tot Ion: 96 Resp: 168106
Ion Ratio Lower Upper
96 100
61 138.7 0.0 281.2
98 64.8 0.0 131.4

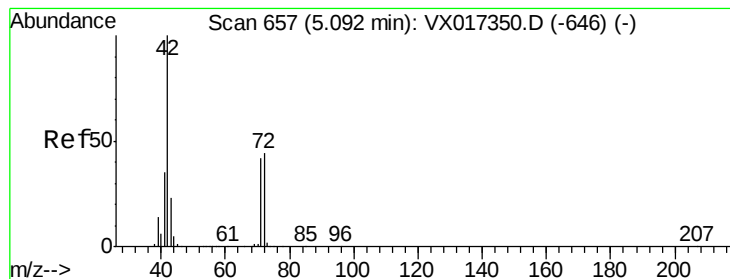


#28

Bromochloromethane
Concen: 60.072 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion: 49 Resp: 129230
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.8
130 85.5 71.1 106.7





#29

Tetrahydrofuran

Concen: 309.783 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

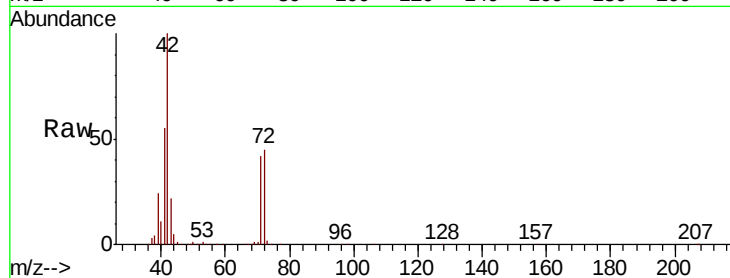
Tot Ion: 42 Resp: 376212

Ion Ratio Lower Upper

42 100

72 45.9 37.2 55.8

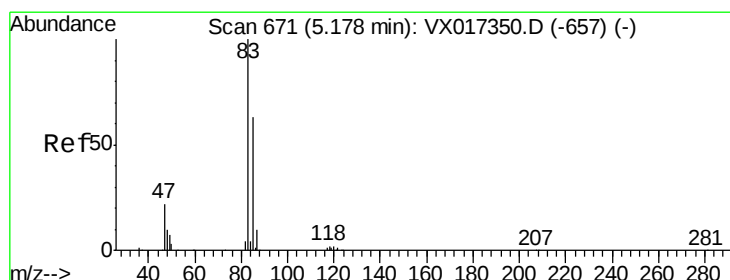
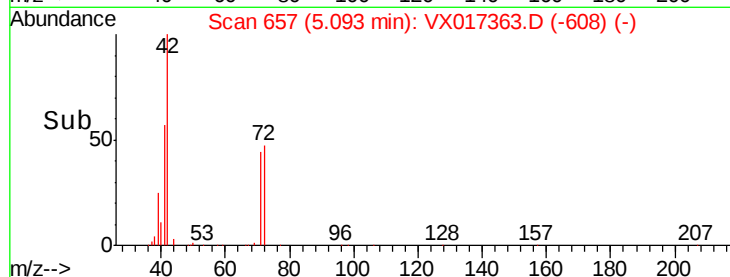
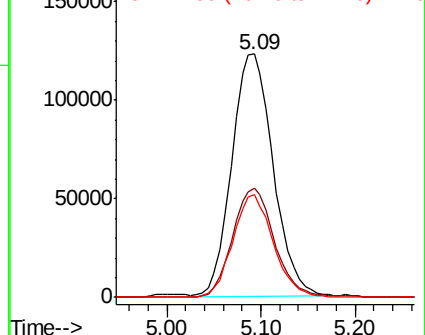
71 41.8 34.4 51.6



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: 55.721 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017363.D

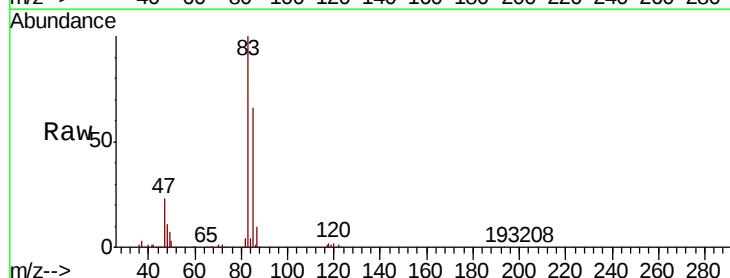
Acq: 13 Jul 2020 19:07

Tgt Ion: 83 Resp: 279173

Ion Ratio Lower Upper

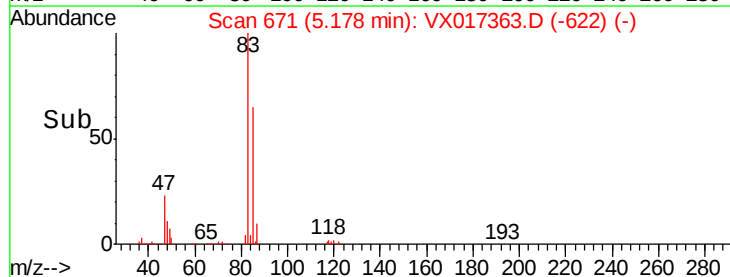
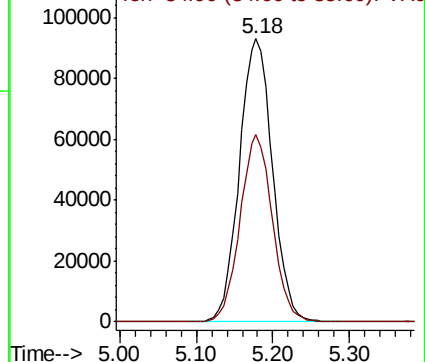
83 100

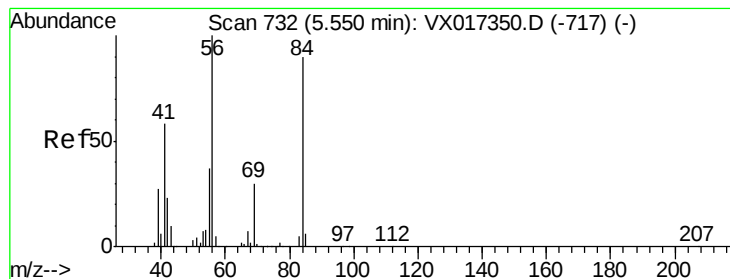
85 66.2 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 43.462 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

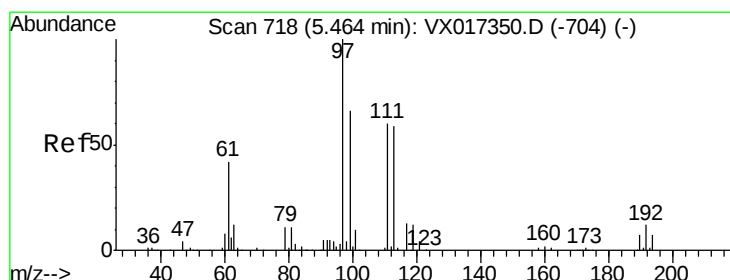
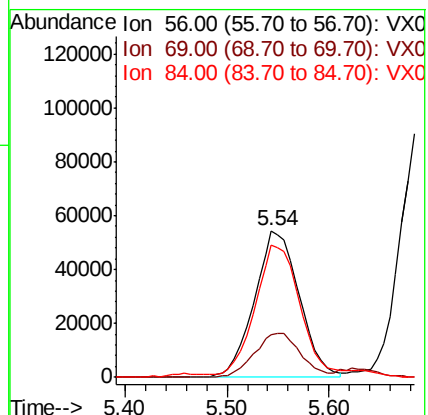
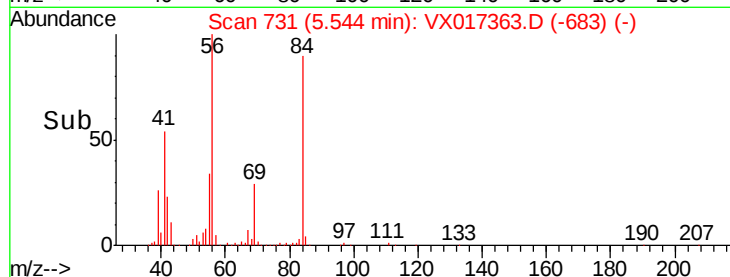
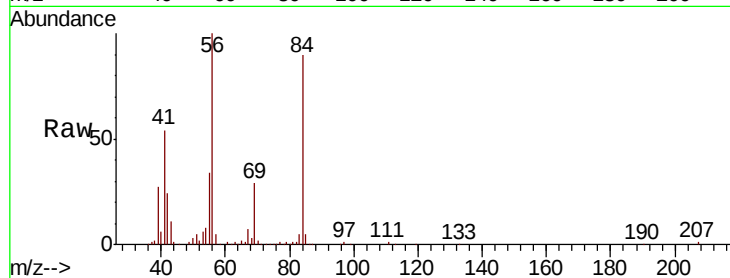
Tot Ion: 56 Resp: 165691

Ion Ratio Lower Upper

56 100

69 28.5 23.7 35.5

84 87.9 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 50.584 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

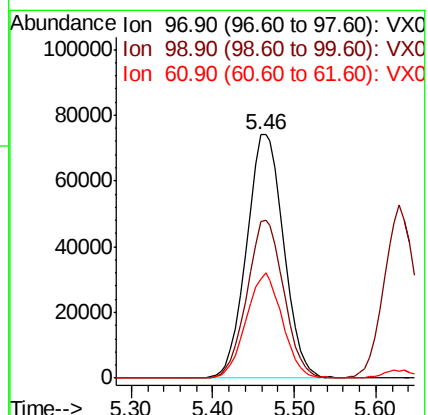
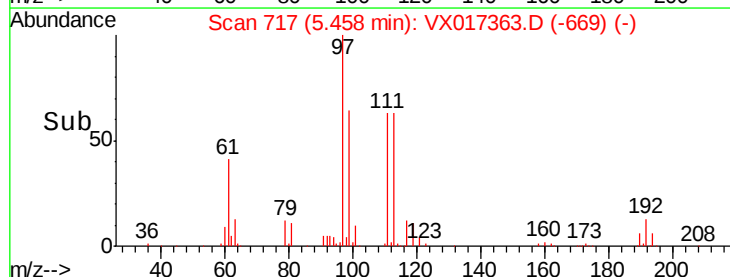
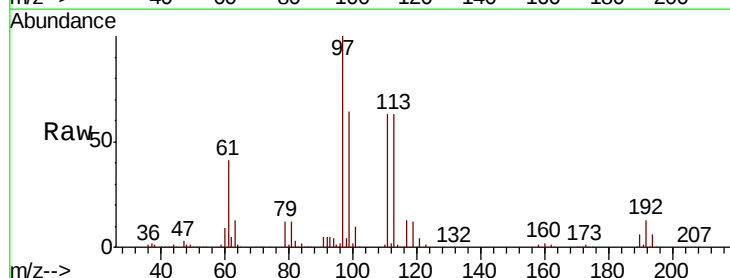
Tgt Ion: 97 Resp: 234293

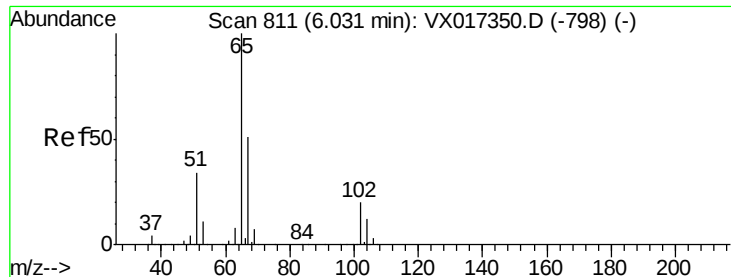
Ion Ratio Lower Upper

97 100

99 64.3 51.2 76.8

61 42.0 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 54.387 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

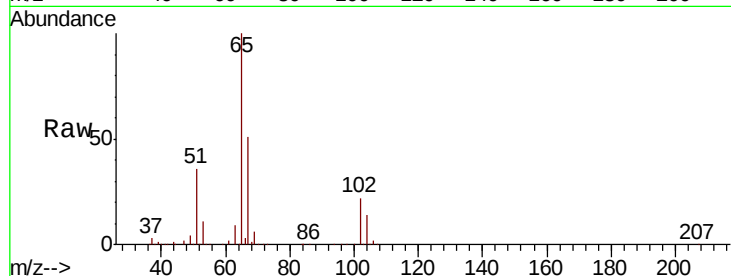
VSTDCCC050EC

Tot Ion: 65 Resp: 180071

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

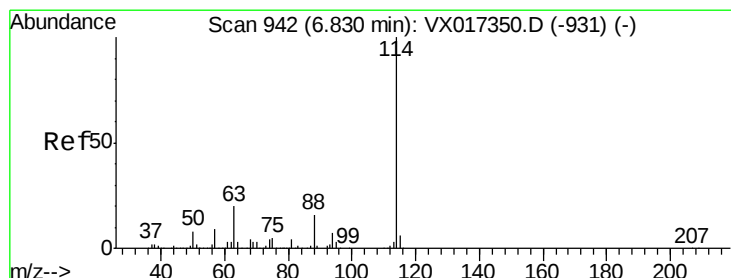
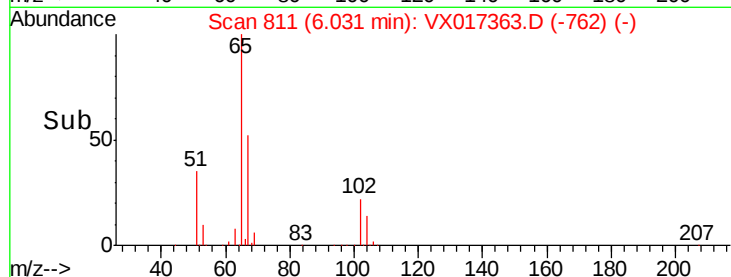
60000

40000

20000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

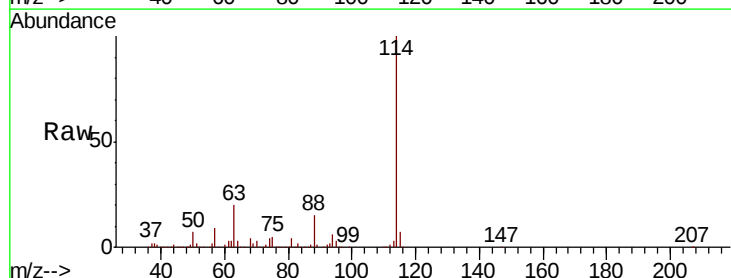
Tgt Ion: 114 Resp: 439870

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.4 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

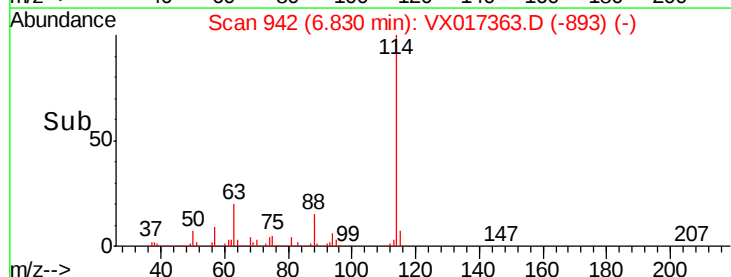
150000

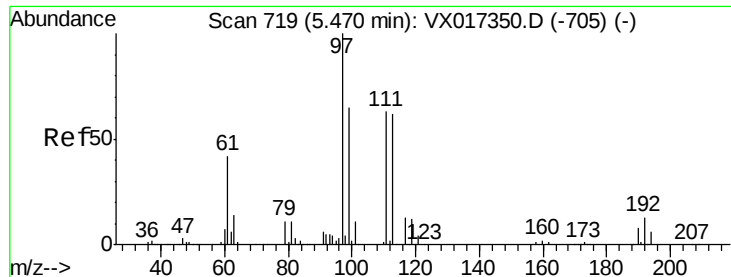
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

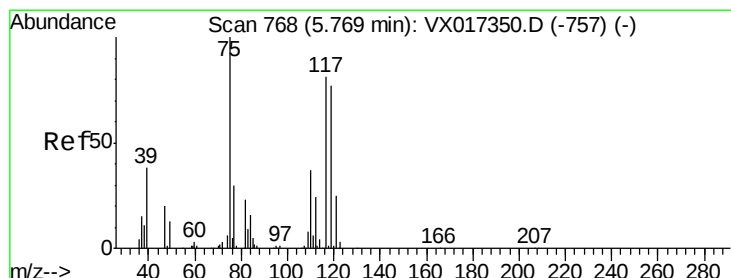
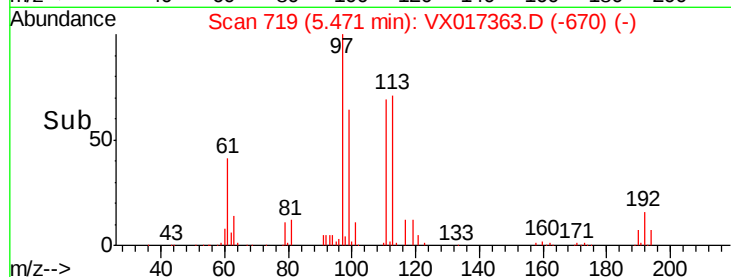
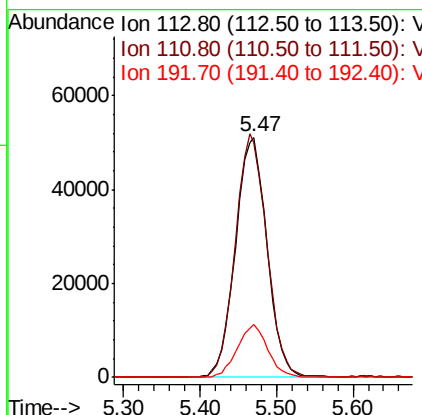
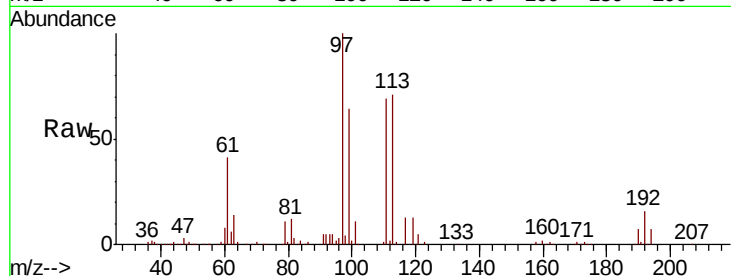




#35
 Dibromofluoromethane
 Concen: 49.306 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

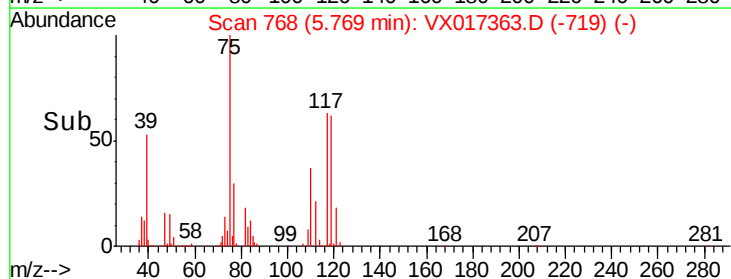
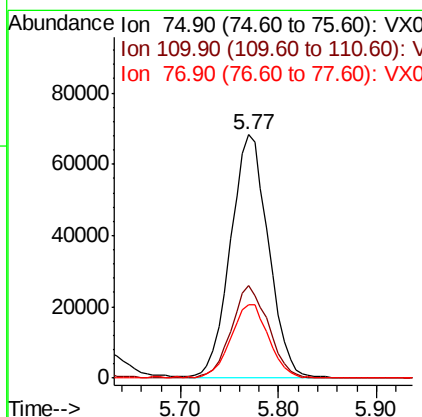
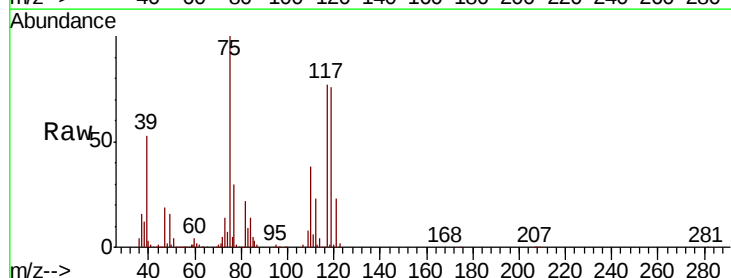
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

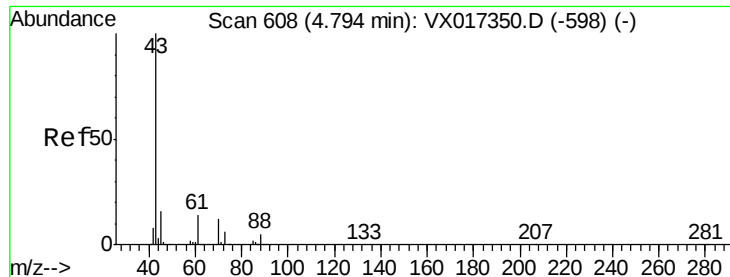
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.4	123.6
192	21.1	17.2	25.8



#36
 1,1-Dichloropropene
 Concen: 45.295 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.6	55.8
77	30.2	24.9	37.3

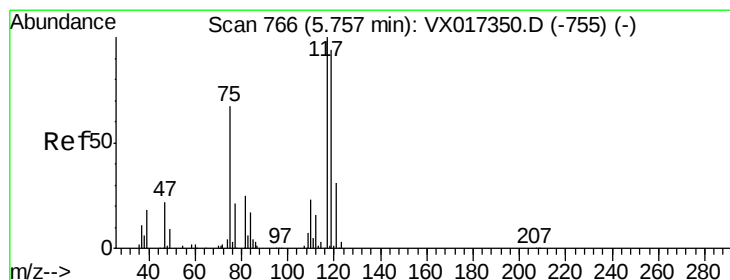
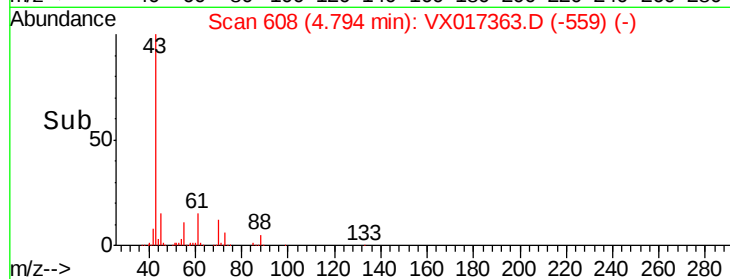
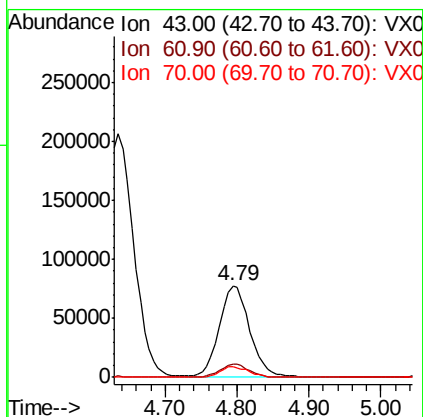
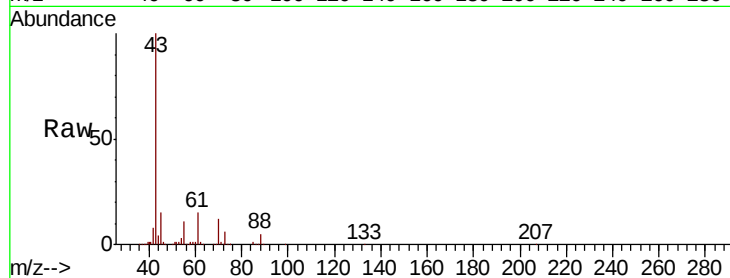




#37
Ethyl Acetate
Concen: 54.318 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

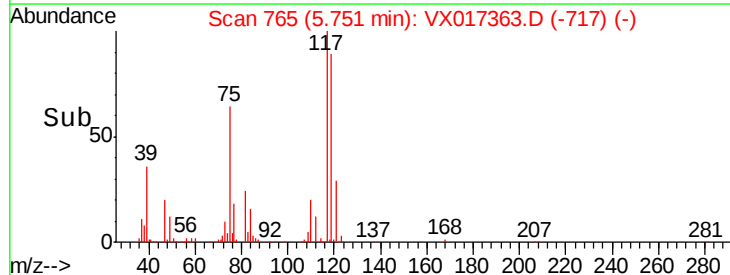
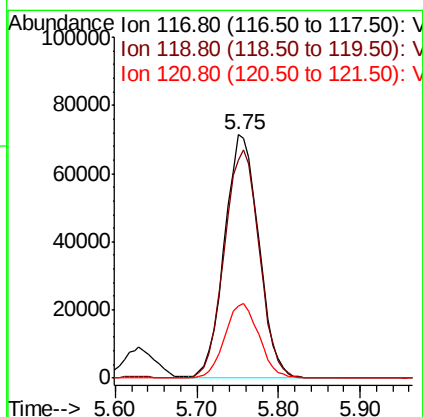
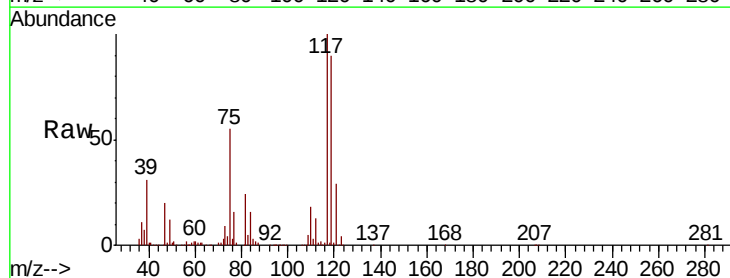
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

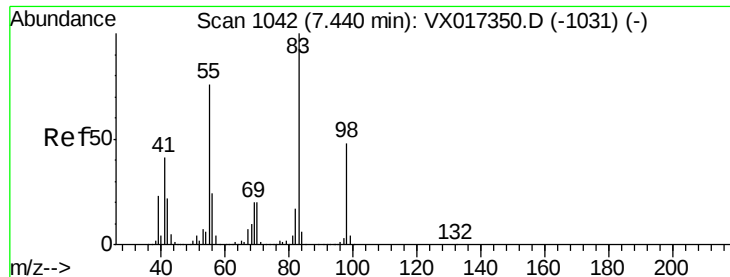
Tot Ion: 43 Resp: 227277
Ion Ratio Lower Upper
43 100
61 14.0 10.7 16.1
70 11.2 9.0 13.6



#38
Carbon Tetrachloride
Concen: 43.817 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion: 117 Resp: 207567
Ion Ratio Lower Upper
117 100
119 89.7 74.7 112.1
121 29.4 24.5 36.7

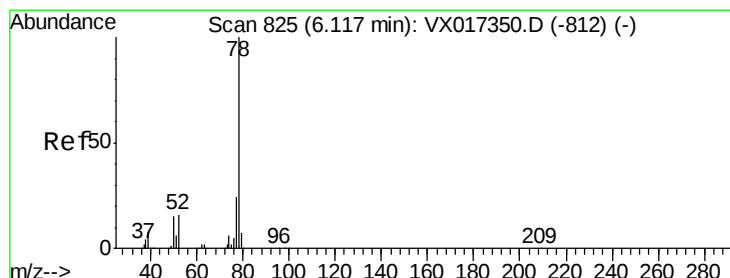
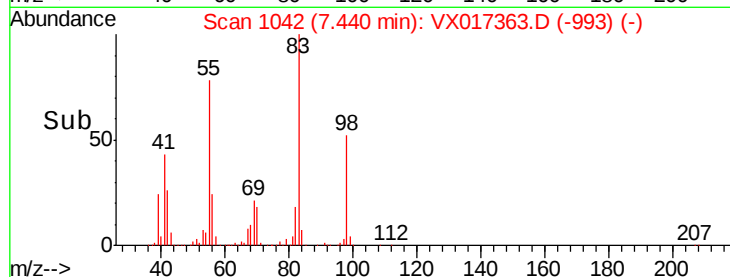
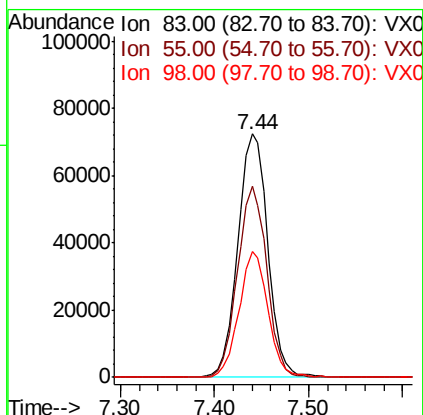
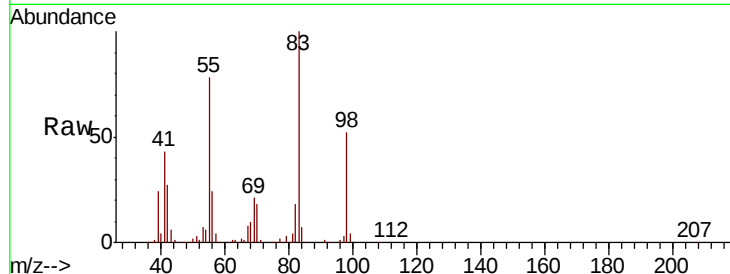




#39
Methylvlcvclohexane
Concen: 36.590 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

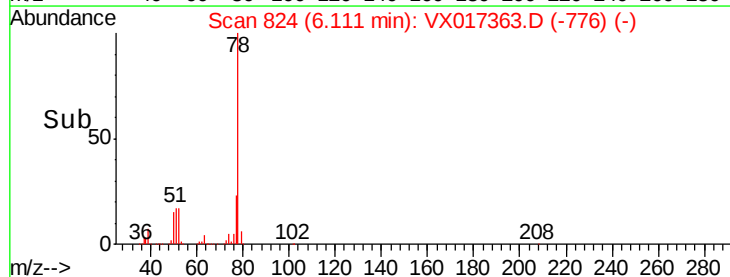
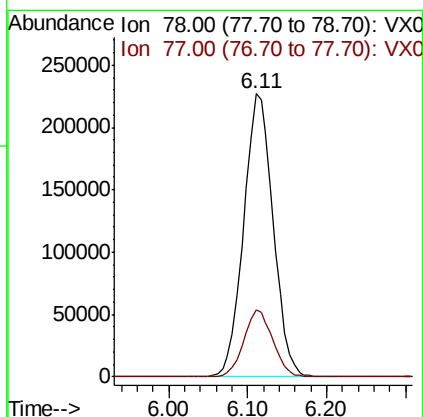
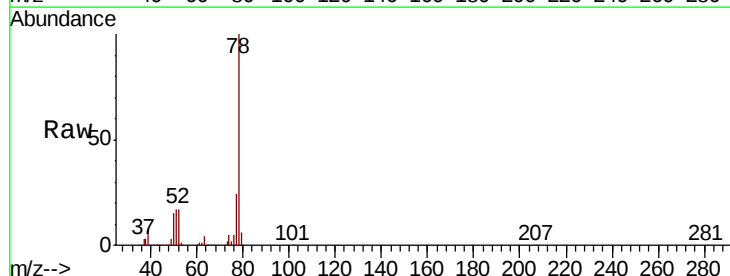
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

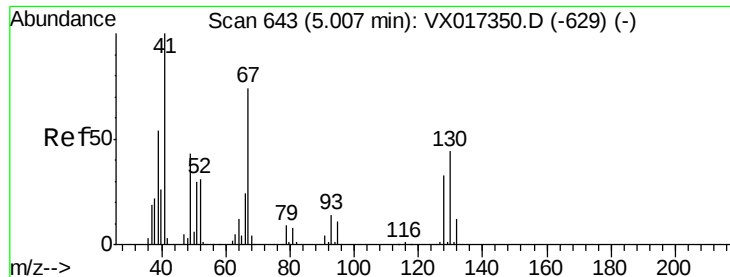
Tot Ion: 83 Resp: 160768
Ion Ratio Lower Upper
83 100
55 78.3 61.2 91.8
98 51.7 38.1 57.1



#40
Benzene
Concen: 50.676 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion: 78 Resp: 589245
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3





#41

Methacrylonitrile

Concen: 56.016 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 125828

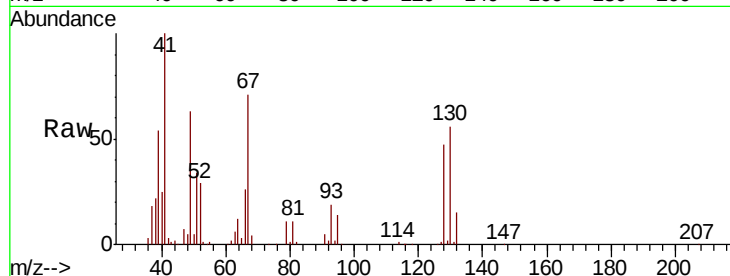
Ion Ratio Lower Upper

41 100

39 54.4 43.8 65.8

67 72.3 58.7 88.1

52 29.7 24.9 37.3

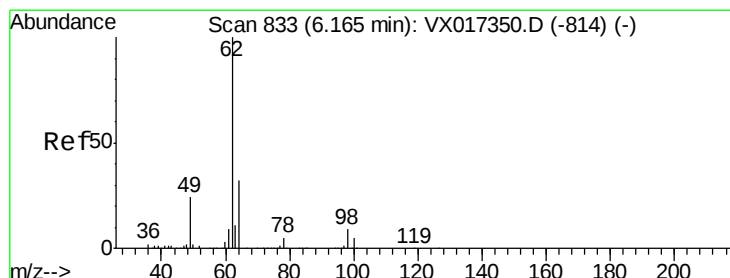
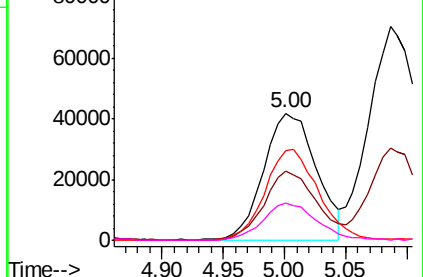
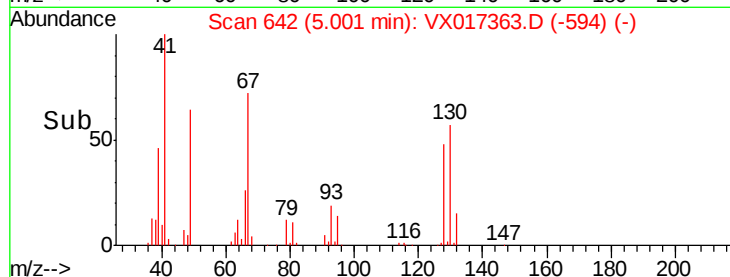


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.964 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX017363.D

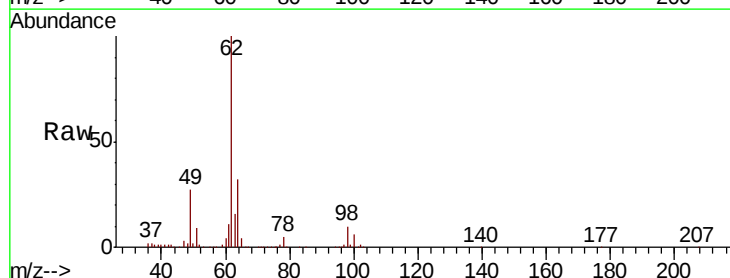
Acq: 13 Jul 2020 19:07

Tgt Ion: 62 Resp: 230239

Ion Ratio Lower Upper

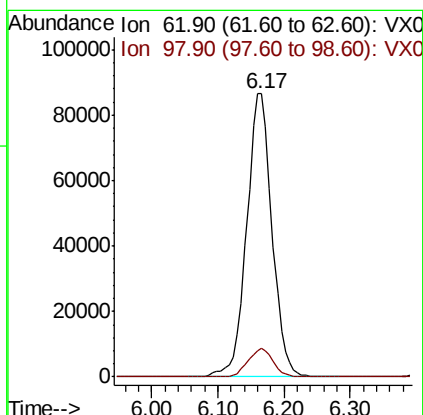
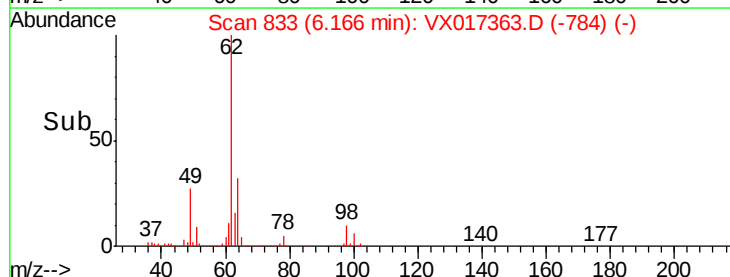
62 100

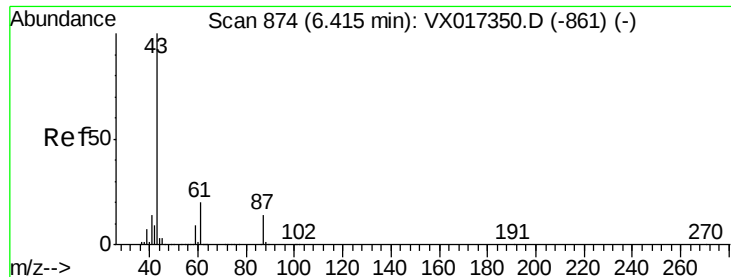
98 9.8 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



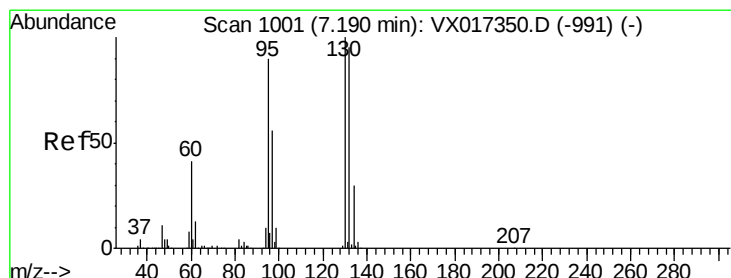
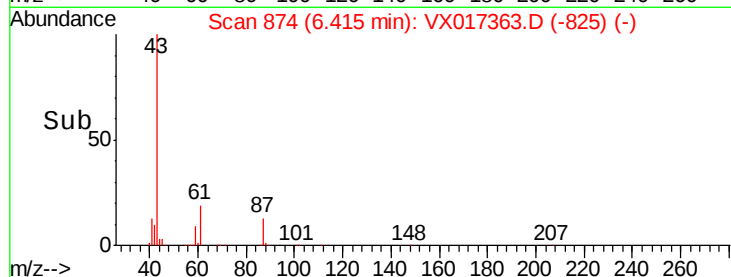
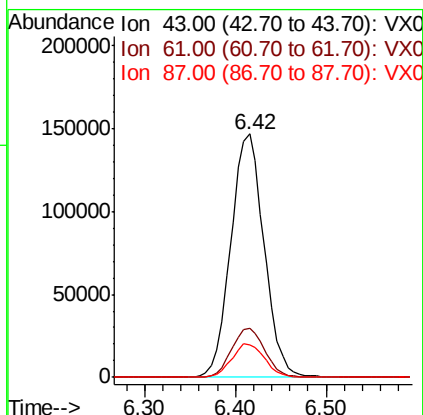
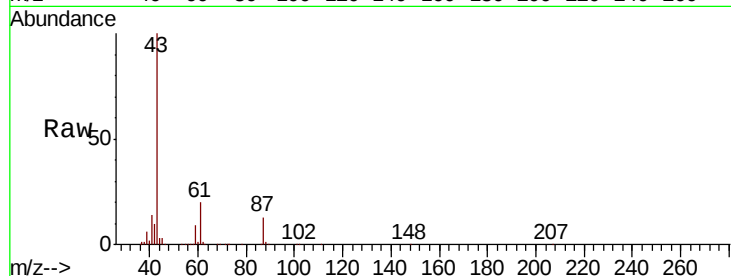


#43

Isopropyl Acetate
 Concen: 55.548 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

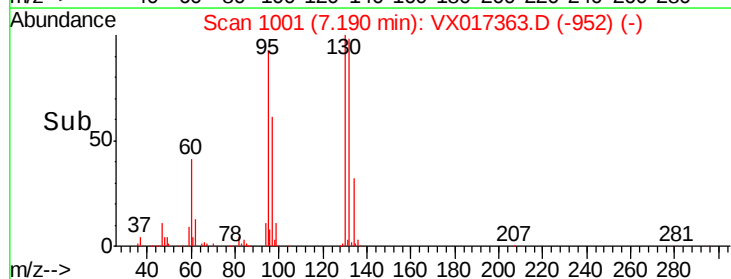
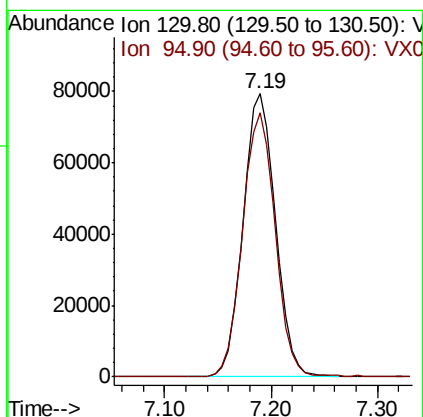
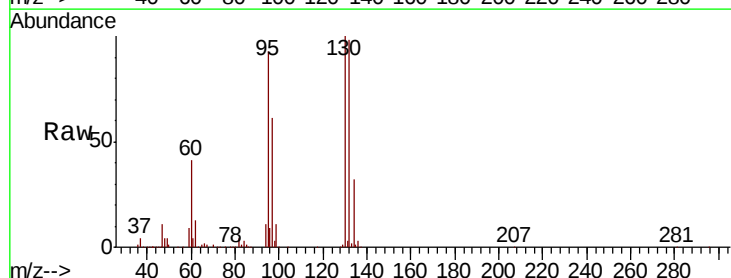
Tot Ion: 43 Resp: 371396
 Ion Ratio Lower Upper
 43 100
 61 20.4 16.4 24.6
 87 13.7 11.2 16.8

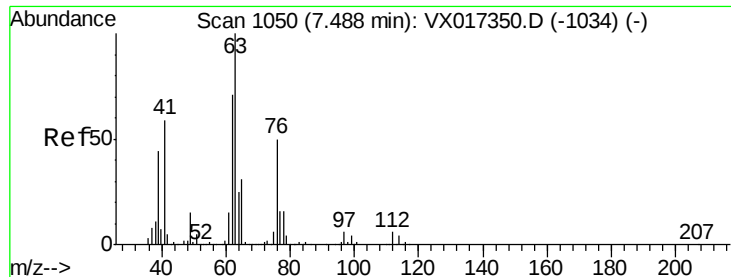


#44

Trichloroethene
 Concen: 47.840 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Tgt Ion: 130 Resp: 169913
 Ion Ratio Lower Upper
 130 100
 95 93.3 0.0 180.2





#45

1,2-Dichloropropane

Concen: 53.093 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

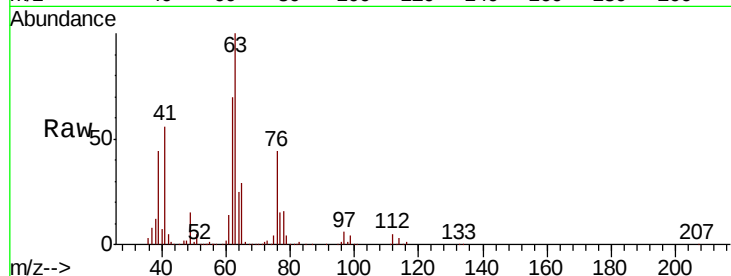
VSTDCCC050EC

Tot Ion: 63 Resp: 157966

Ion Ratio Lower Upper

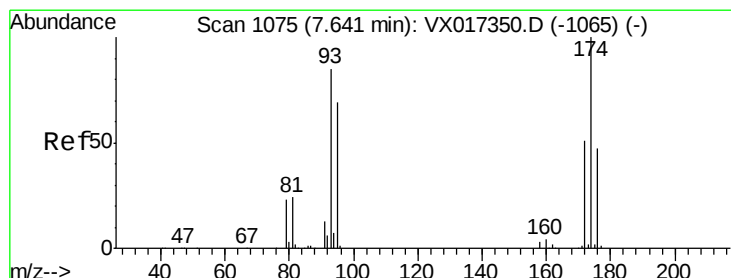
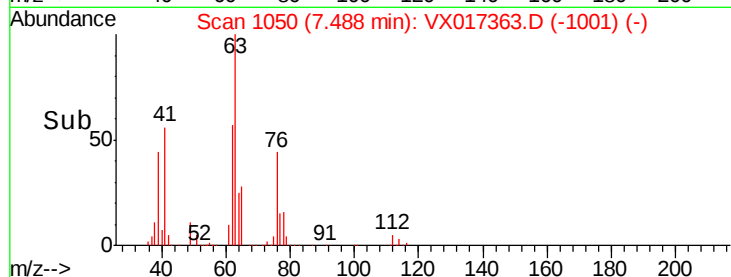
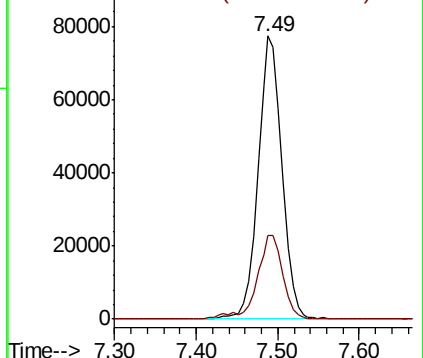
63 100

65 29.4 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.873 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

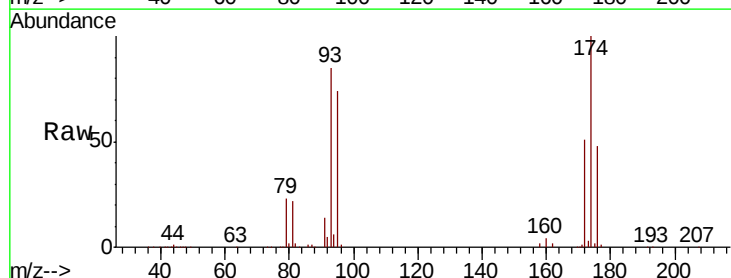
Tgt Ion: 93 Resp: 113454

Ion Ratio Lower Upper

93 100

95 83.6 65.4 98.2

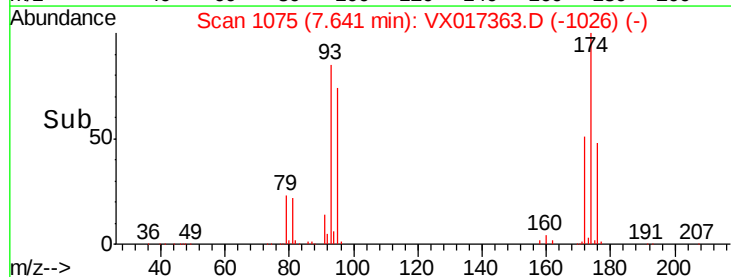
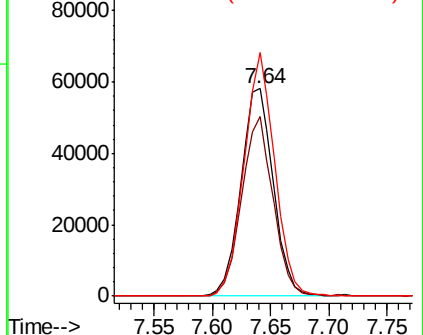
174 111.0 91.2 136.8

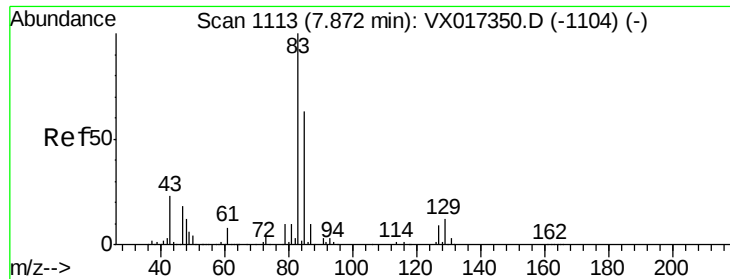


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.645 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

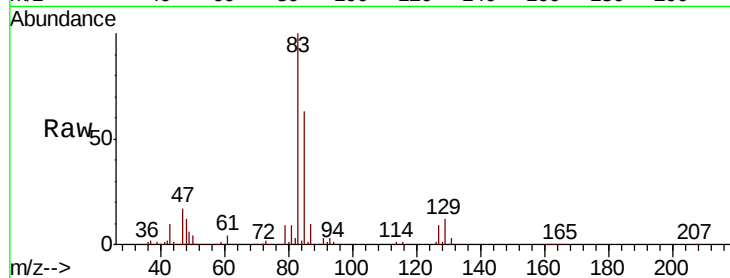
Tot Ion: 83 Resp: 236173

Ion Ratio Lower Upper

83 100

85 63.4 50.2 75.4

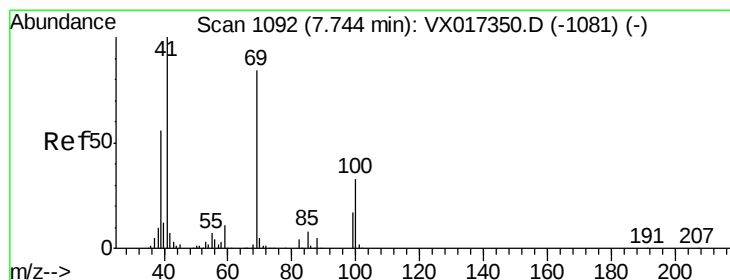
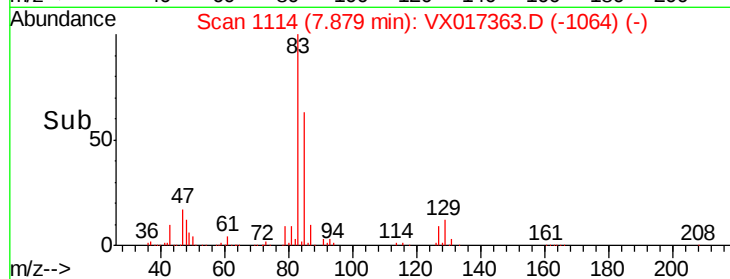
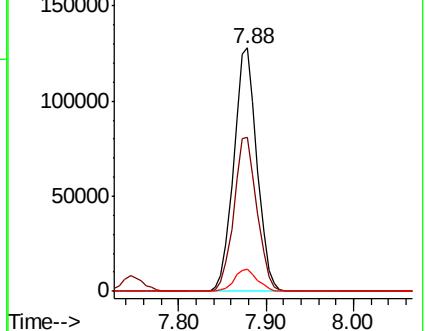
127 9.3 7.1 10.7



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: 57.477 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

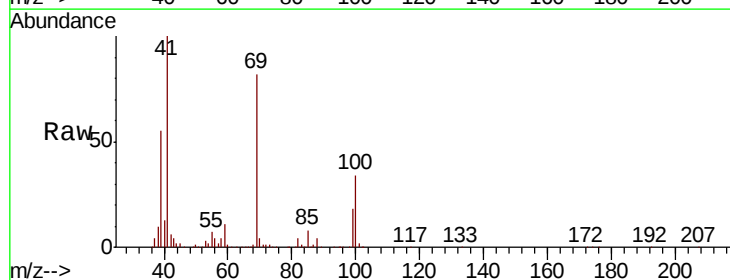
Tgt Ion: 41 Resp: 184412

Ion Ratio Lower Upper

41 100

69 85.1 67.8 101.6

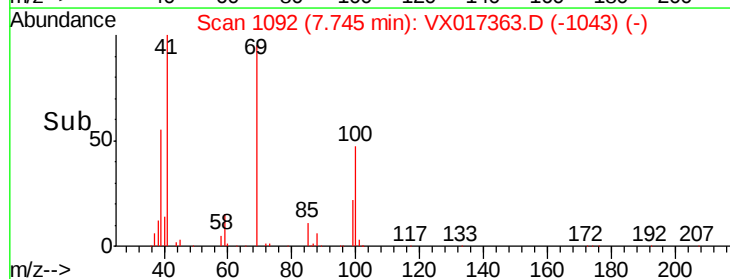
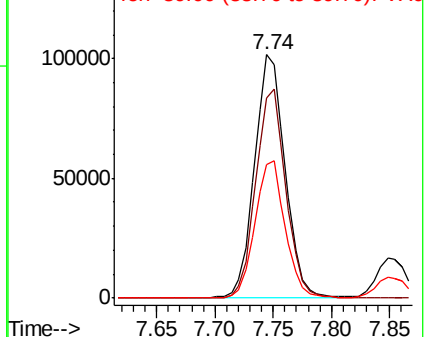
39 56.1 45.1 67.7

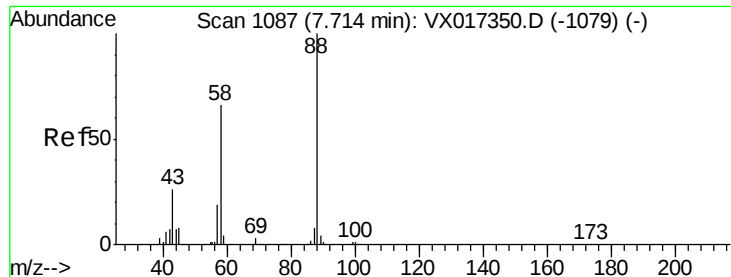


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1148.896 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

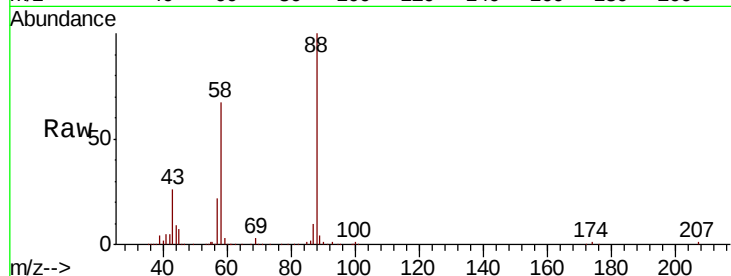
Tot Ion: 88 Resp: 75435

Ion Ratio Lower Upper

88 100

43 32.0 25.6 38.4

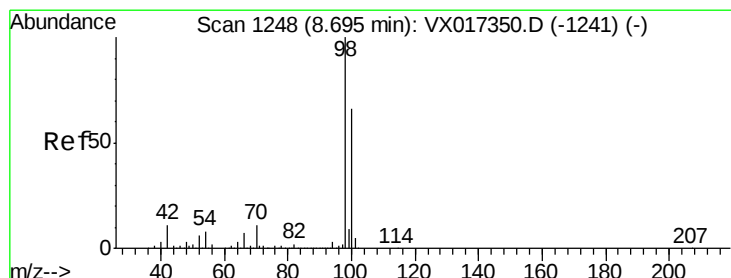
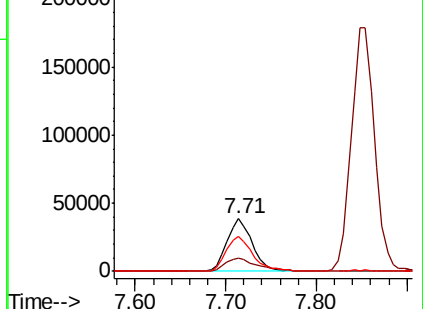
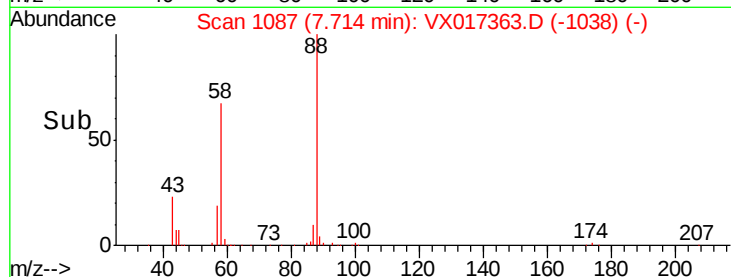
58 69.3 53.9 80.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.593 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017363.D

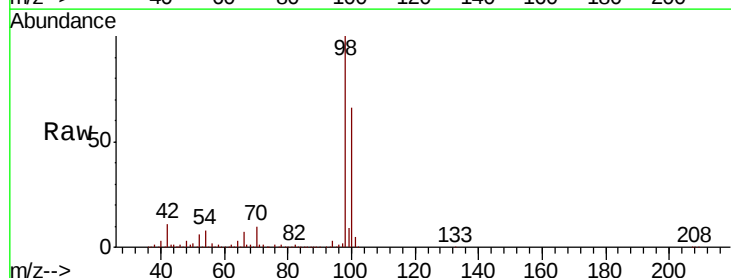
Acq: 13 Jul 2020 19:07

Tgt Ion: 98 Resp: 519362

Ion Ratio Lower Upper

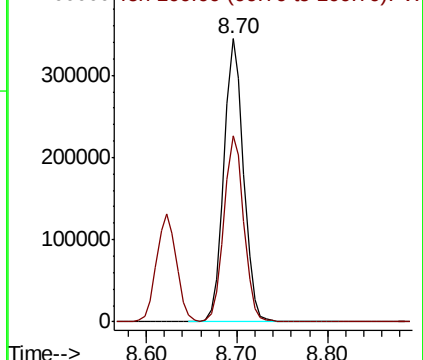
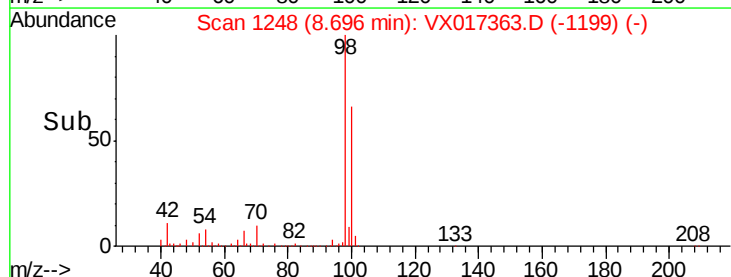
98 100

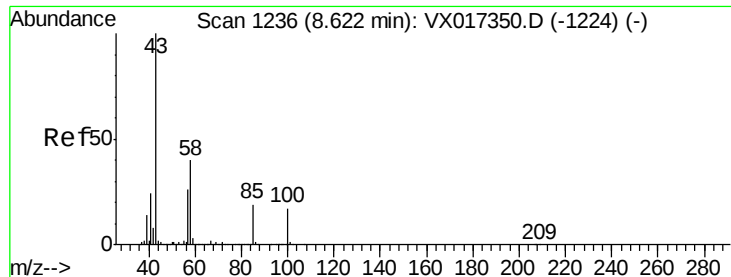
100 66.8 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 286.437 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

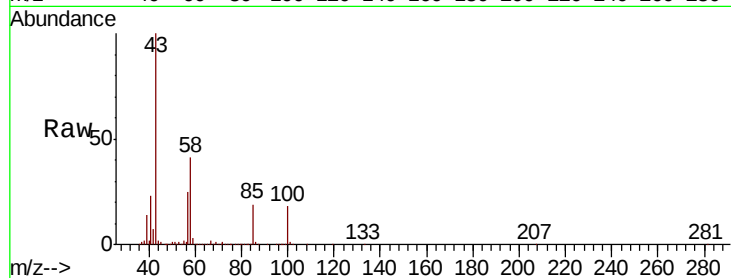
VSTDCCC050EC

Tot Ion: 43 Resp: 1167748

Ion Ratio Lower Upper

43 100

58 40.4 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

800000

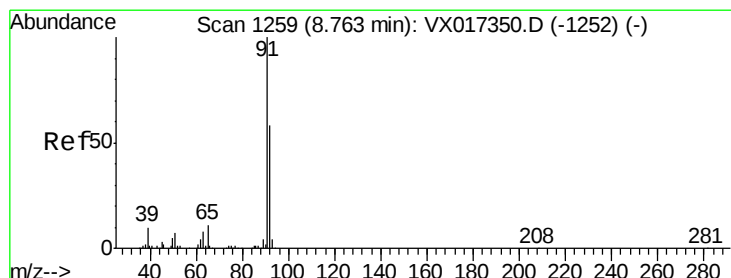
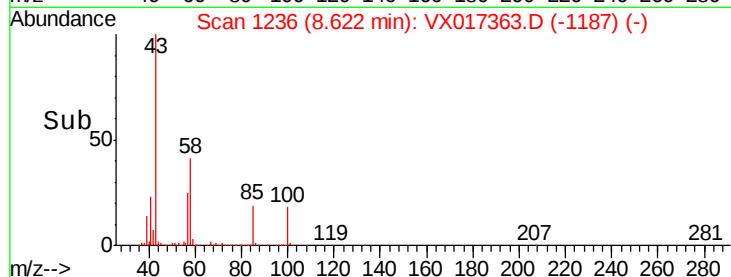
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.230 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017363.D

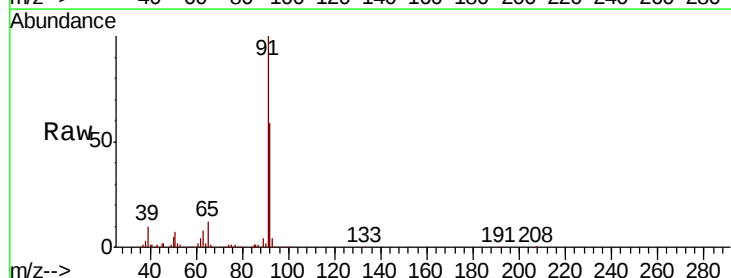
Acq: 13 Jul 2020 19:07

Tgt Ion: 92 Resp: 382268

Ion Ratio Lower Upper

92 100

91 168.6 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

400000

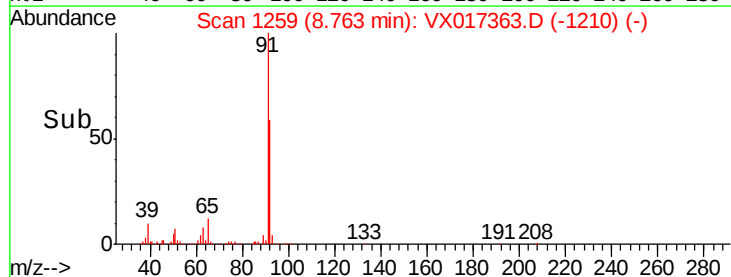
300000

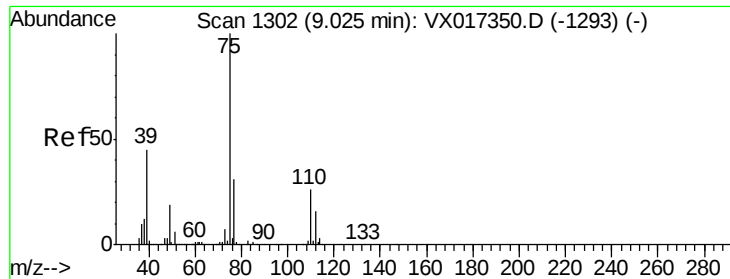
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.548 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

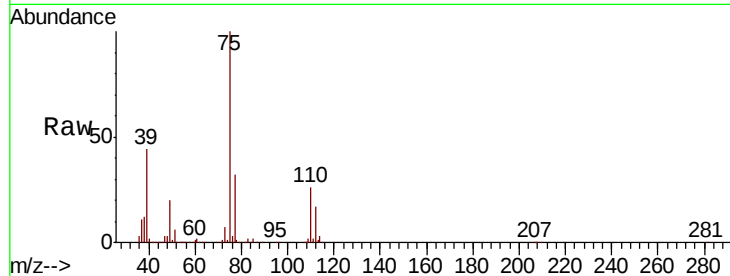
VSTDCCC050EC

Tot Ion: 75 Resp: 258795

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

150000

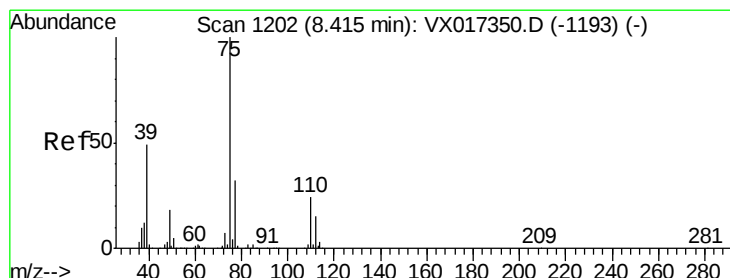
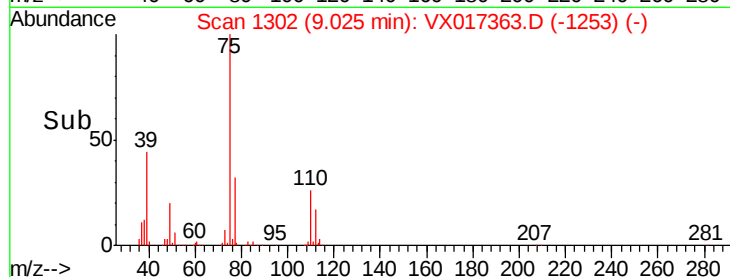
100000

50000

0

Time-->

8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 52.508 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

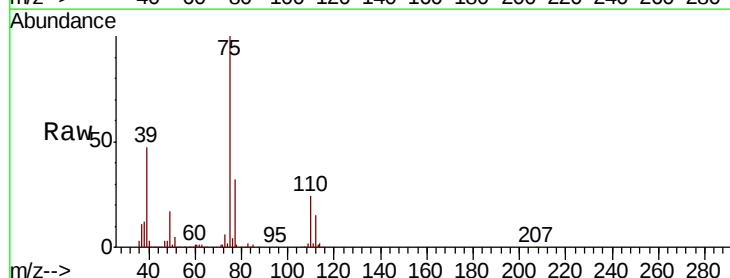
Tgt Ion: 75 Resp: 270663

Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

39 46.8 38.9 58.3



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

8.42

150000

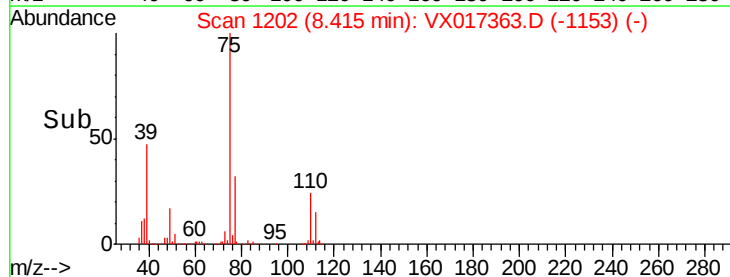
100000

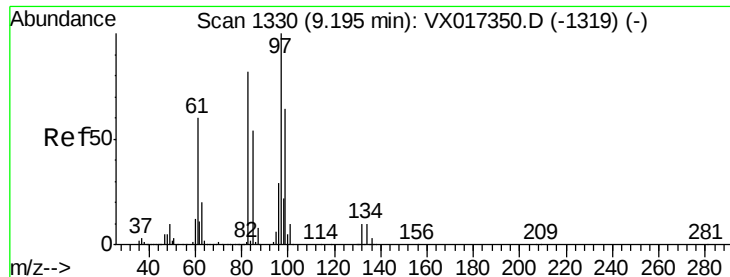
50000

0

Time-->

8.35 8.40 8.45 8.50

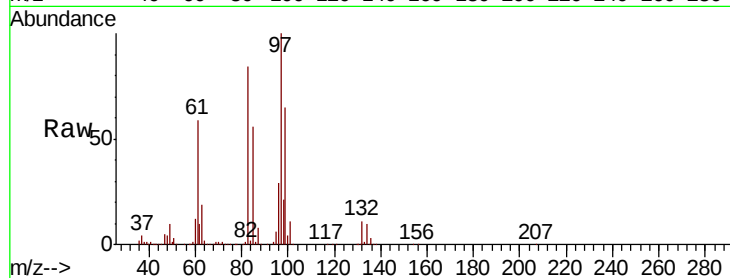




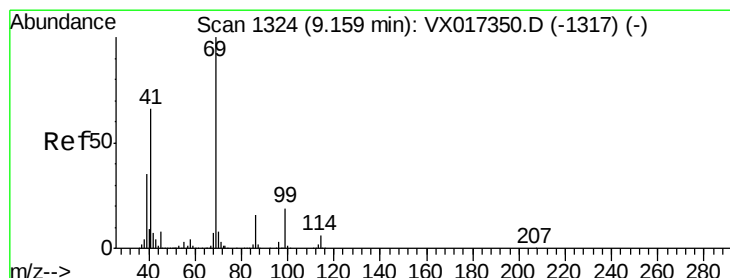
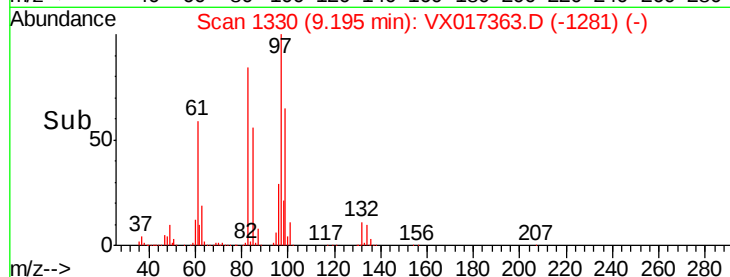
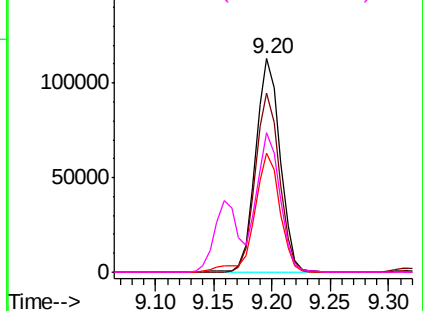
#55
 1,1,2-Trichloroethane
 Concen: 53.616 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	166826
Ion	Ratio	Lower	Upper
97	100		
83	83.8	65.8	98.6
85	55.7	42.8	64.2
99	65.2	51.2	76.8

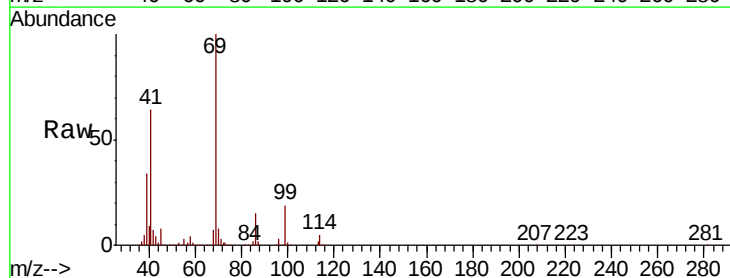


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

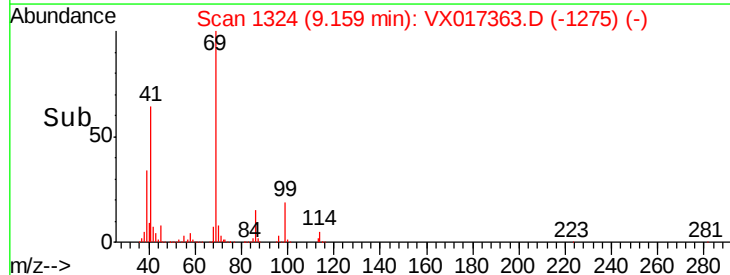
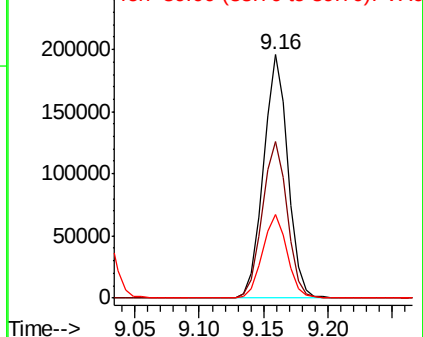


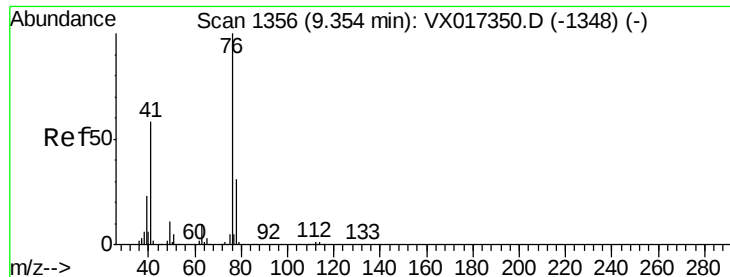
#56
 Ethyl methacrylate
 Concen: 57.821 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Tgt Ion:	69	Resp:	255423
Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.6	78.8
39	34.7	28.8	43.2



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: 53.272 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

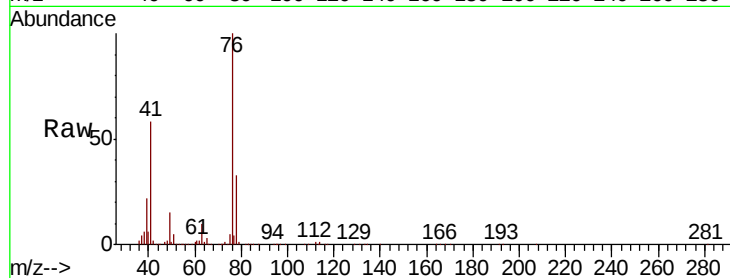
VSTDCCC050EC

Tot Ion: 76 Resp: 275720

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

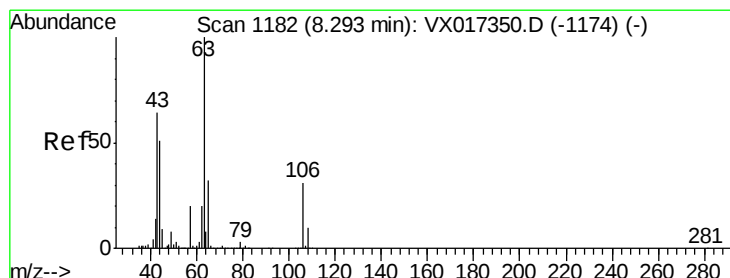
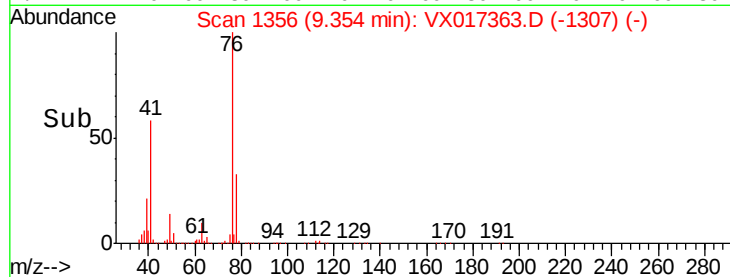
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 299.711 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017363.D

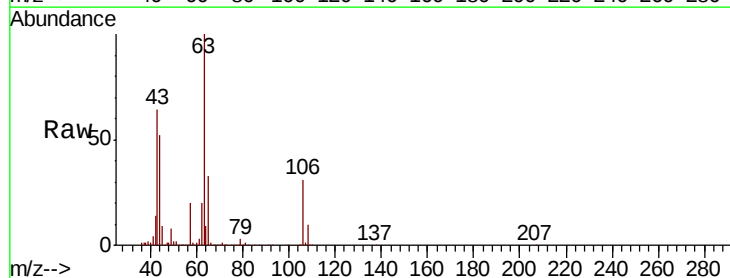
Acq: 13 Jul 2020 19:07

Tgt Ion: 63 Resp: 672249

Ion Ratio Lower Upper

63 100

106 30.7 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

500000

400000

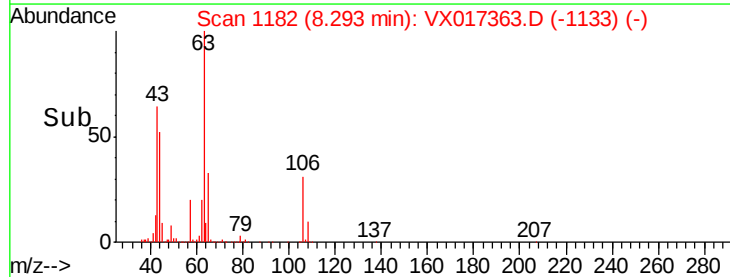
300000

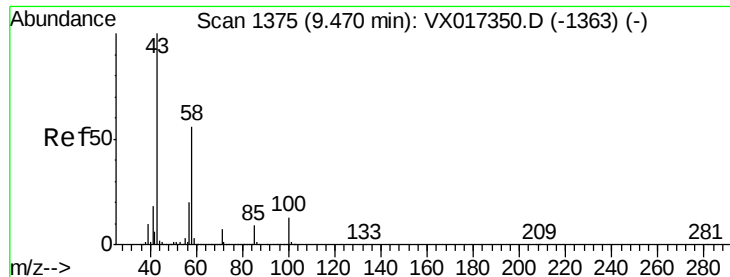
200000

100000

0

Time-->

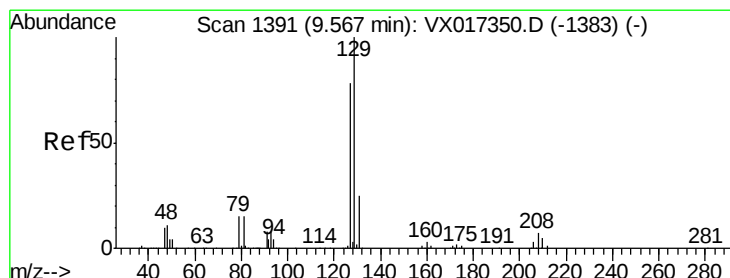
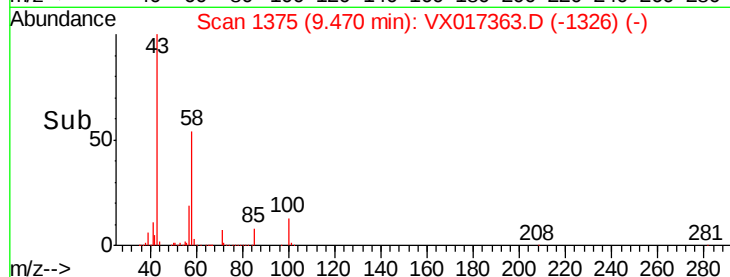
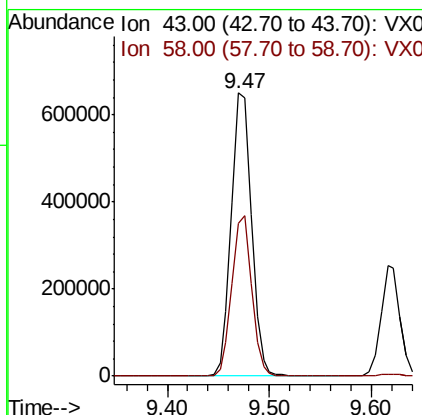
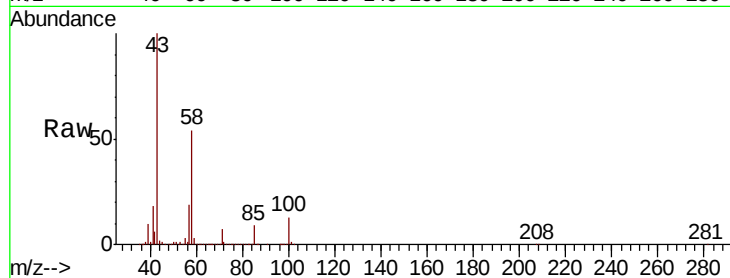




#59
2-Hexanone
Concen: 290.116 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

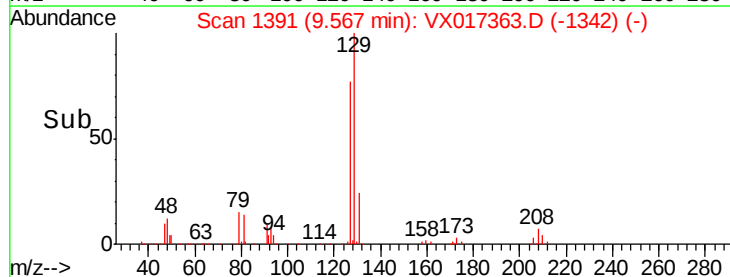
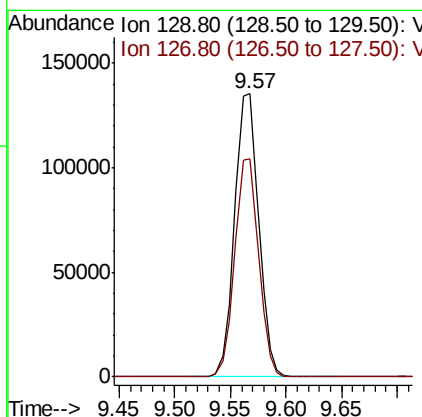
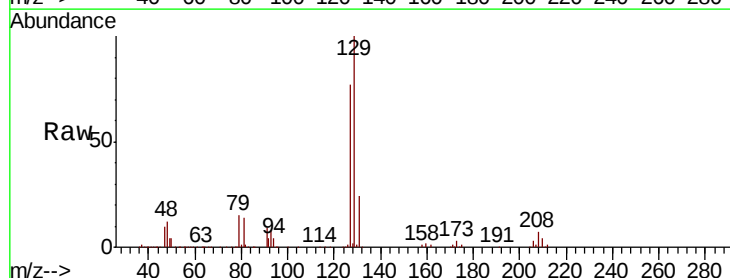
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

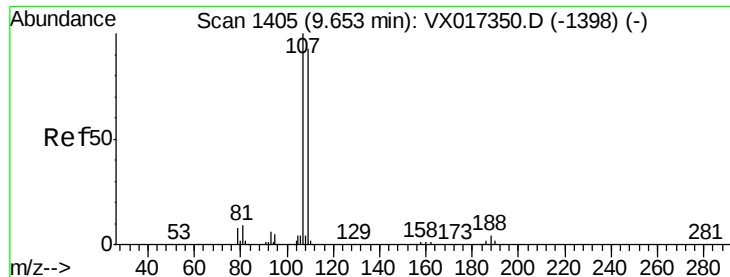
Tot Ion: 43 Resp: 892682
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.3



#60
Dibromochloromethane
Concen: 53.416 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion: 129 Resp: 203046
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.6





#61

1,2-Dibromoethane

Concen: 53.856 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

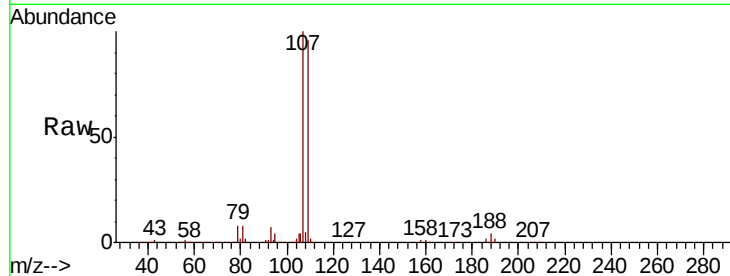
VSTDCCC050EC

Tot Ion: 107 Resp: 182296

Ion Ratio Lower Upper

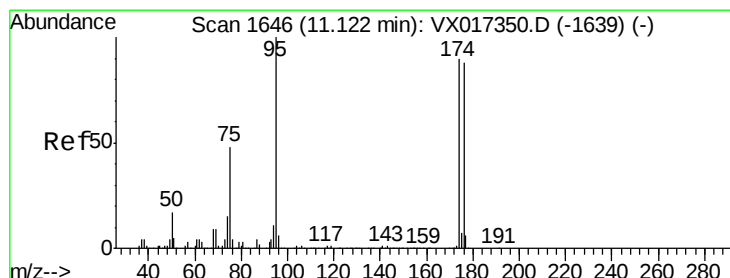
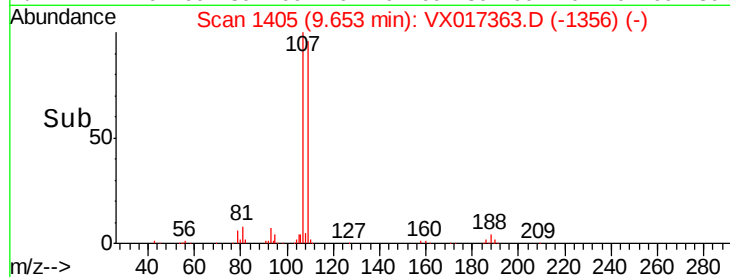
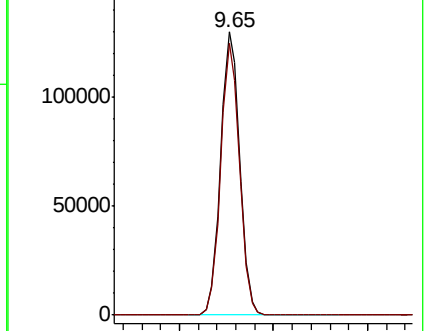
107 100

109 94.7 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.622 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

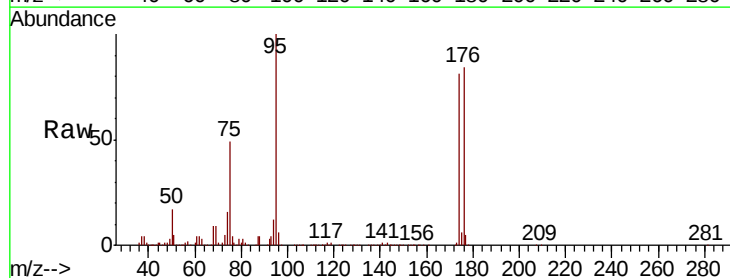
Tgt Ion: 95 Resp: 210671

Ion Ratio Lower Upper

95 100

174 85.0 0.0 175.8

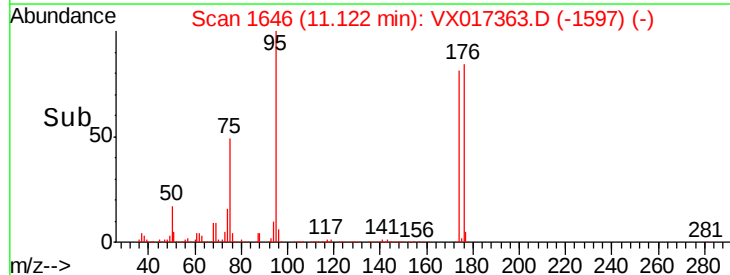
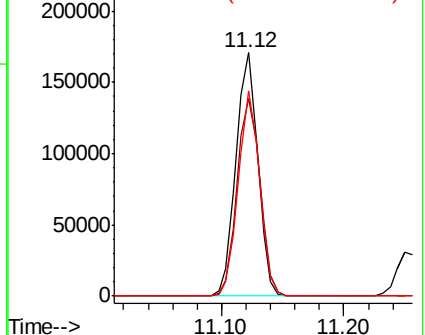
176 82.4 0.0 164.6

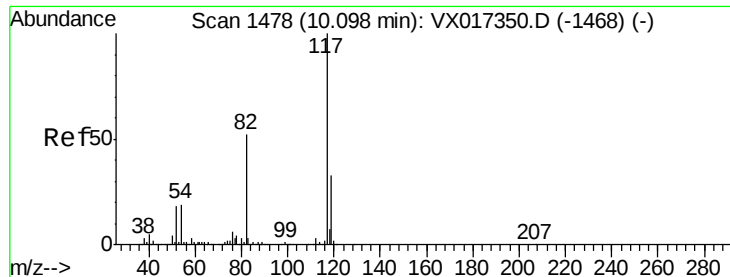


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

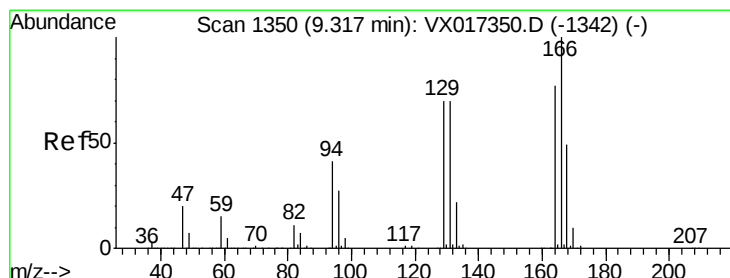
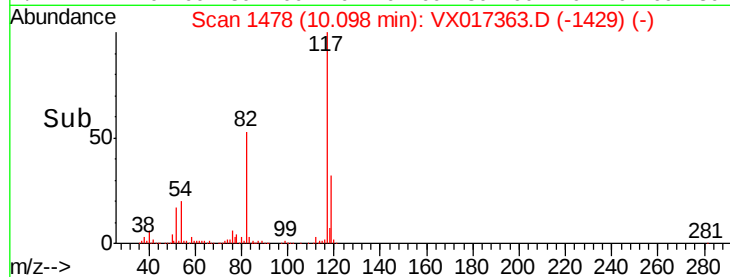
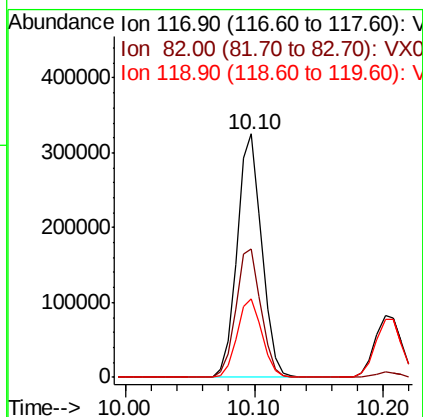
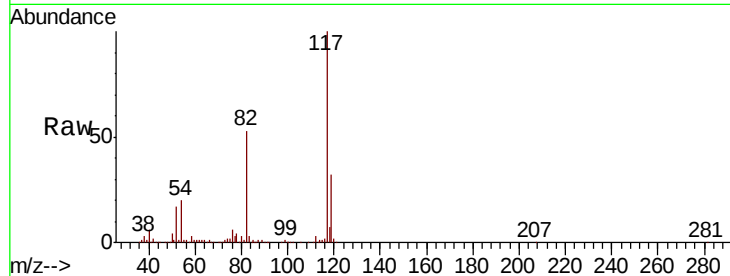




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

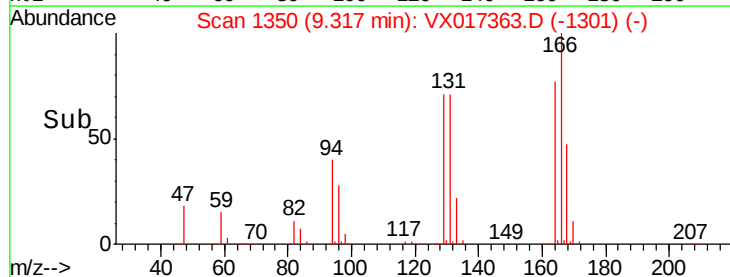
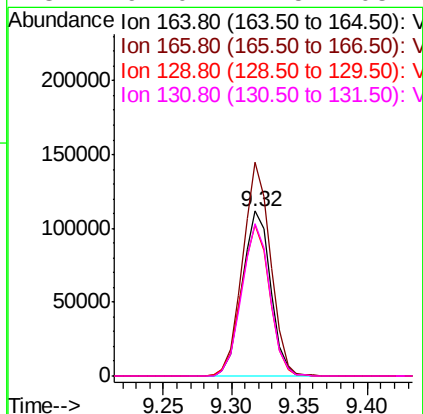
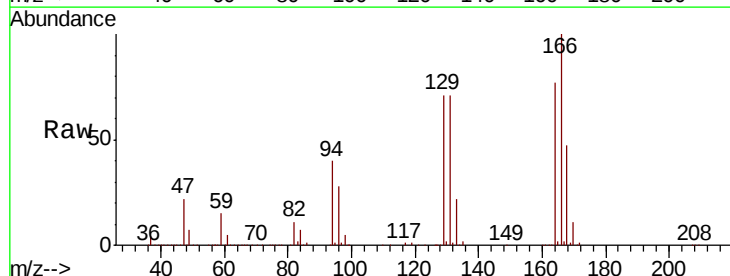
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 430554
Ion Ratio Lower Upper
117 100
82 53.0 42.0 63.0
119 32.1 26.3 39.5



#64
Tetrachloroethene
Concen: 43.948 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion:164 Resp: 163775
Ion Ratio Lower Upper
164 100
166 129.4 103.9 155.9
129 91.8 72.9 109.3
131 92.0 72.5 108.7

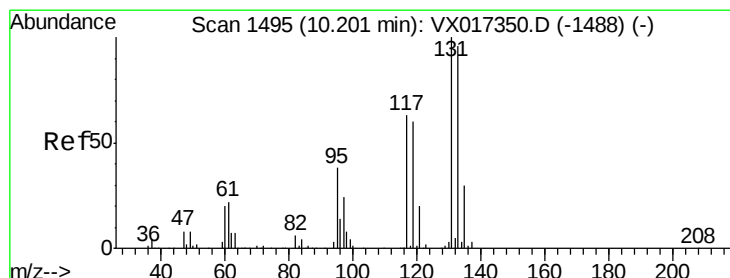
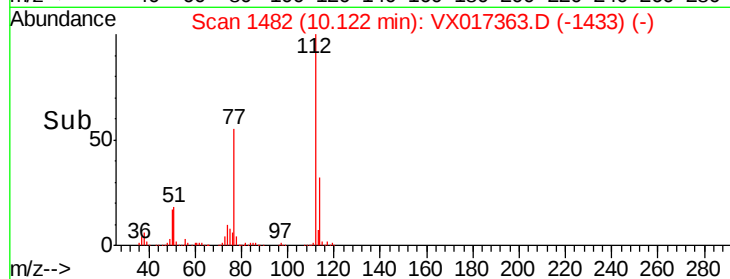
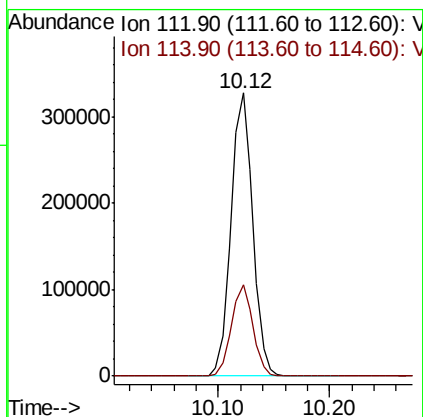
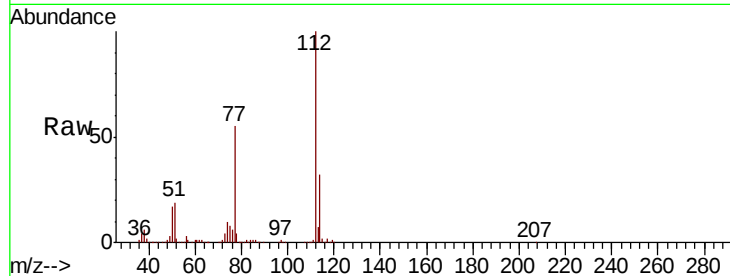




#65
Chlorobenzene
Concen: 50.400 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

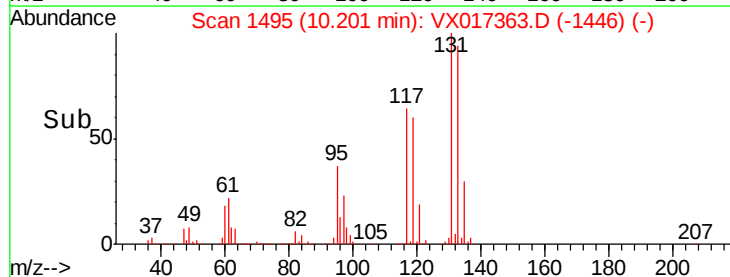
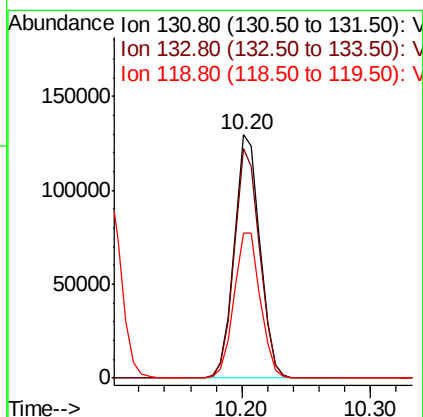
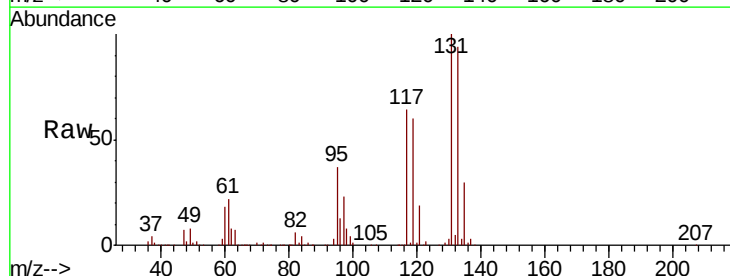
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

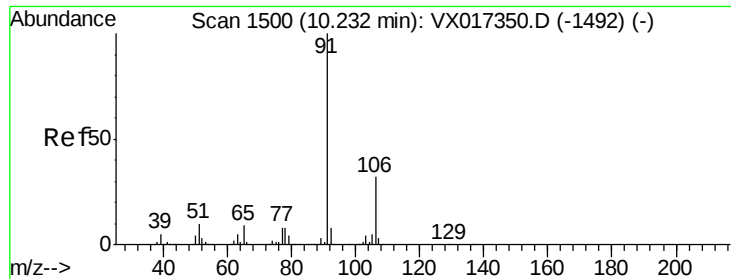
Tot Ion:112 Resp: 440986
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.600 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion:131 Resp: 179754
Ion Ratio Lower Upper
131 100
133 94.2 48.4 145.2
119 61.4 31.2 93.6





#67

Ethyl Benzene

Concen: 49.633 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

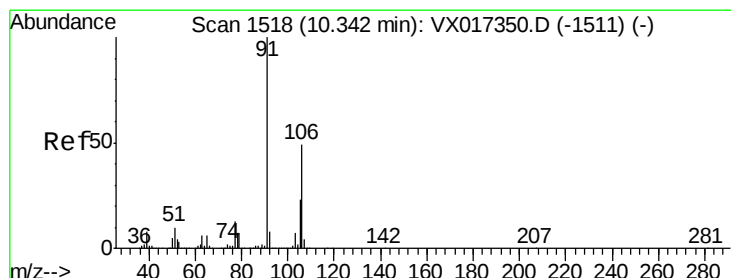
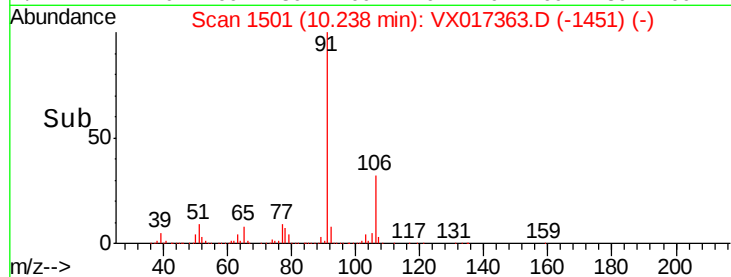
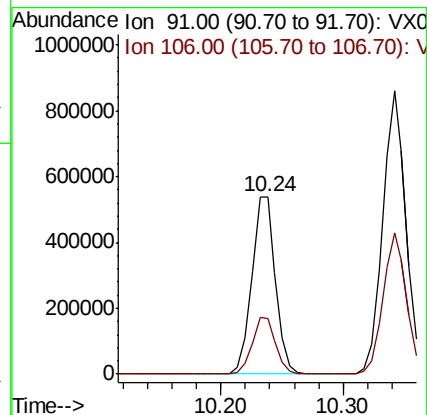
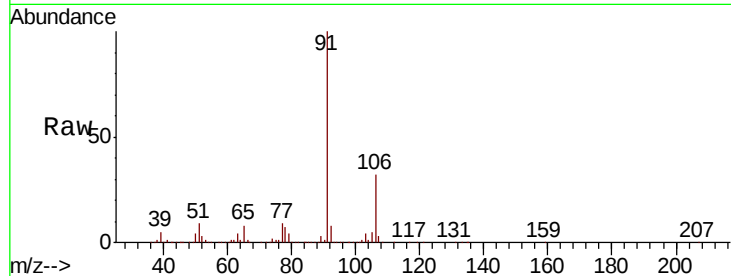
VSTDCCC050EC

Tot Ion: 91 Resp: 722951

Ion Ratio Lower Upper

91 100

106 31.6 25.7 38.5



#68

m/p-Xylenes

Concen: 102.698 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017363.D

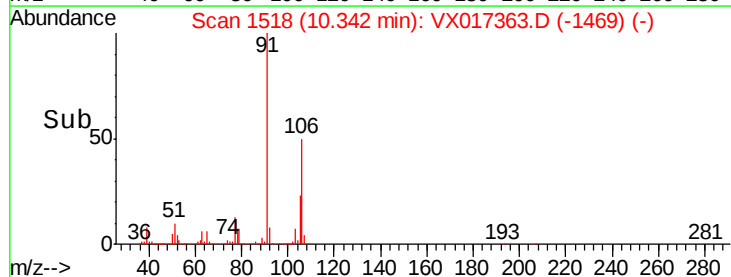
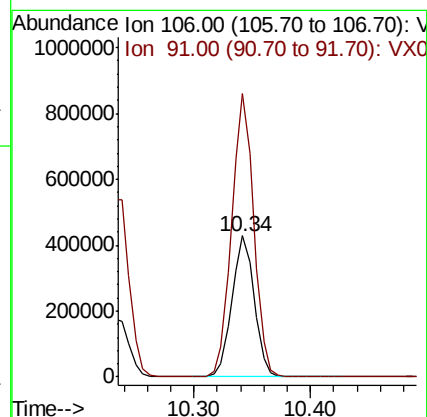
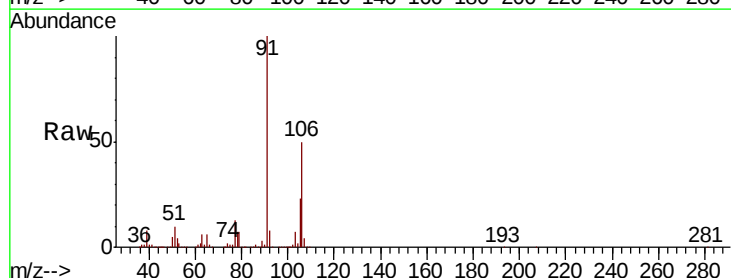
Acq: 13 Jul 2020 19:07

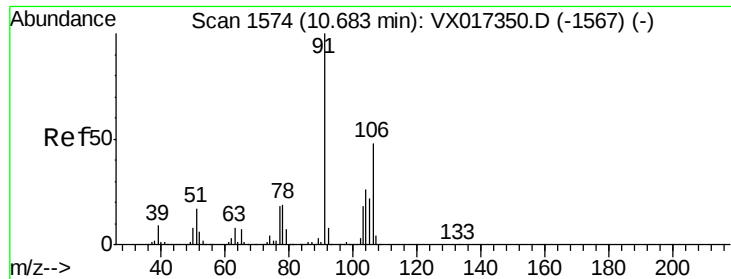
Tgt Ion: 106 Resp: 569159

Ion Ratio Lower Upper

106 100

91 198.9 162.5 243.7

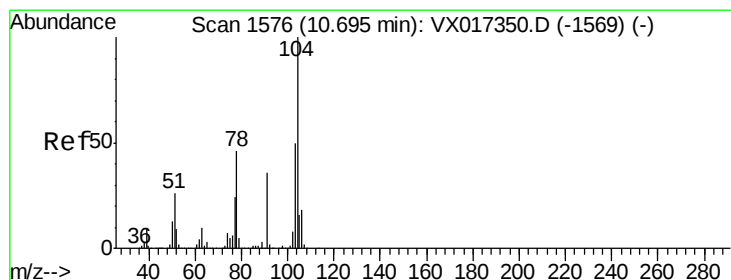
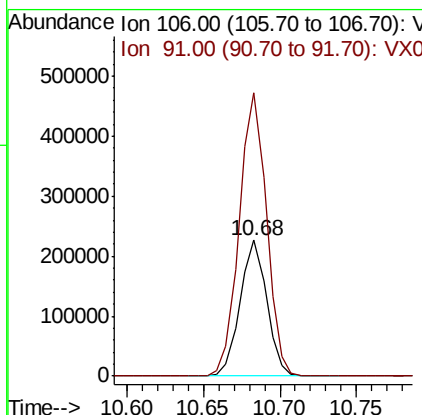
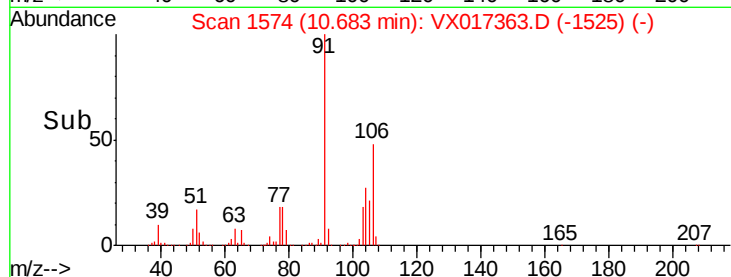
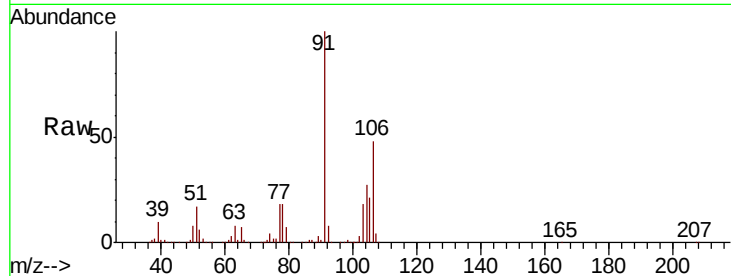




#69
o-Xylene
Concen: 51.733 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

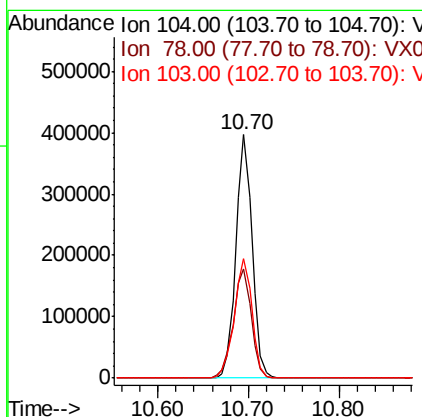
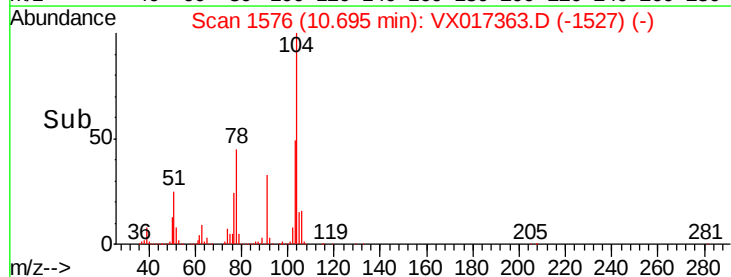
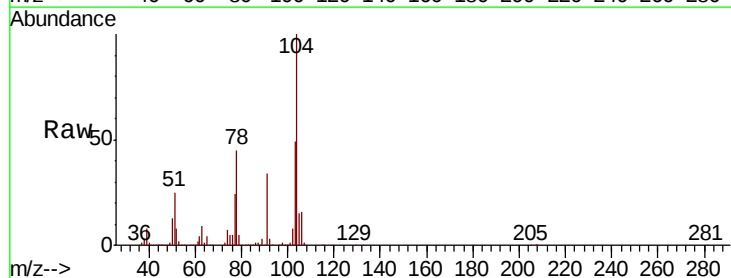
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

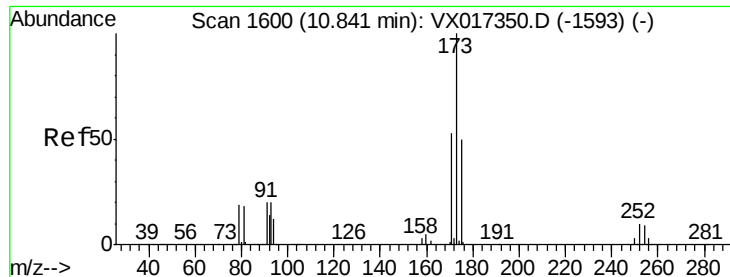
Tot Ion:106 Resp: 273960
Ion Ratio Lower Upper
106 100
91 213.4 106.1 318.1



#70
Styrene
Concen: 54.303 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion:104 Resp: 493633
Ion Ratio Lower Upper
104 100
78 49.9 40.8 61.2
103 53.7 43.3 64.9





#71

Bromoform

Concen: 54.190 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

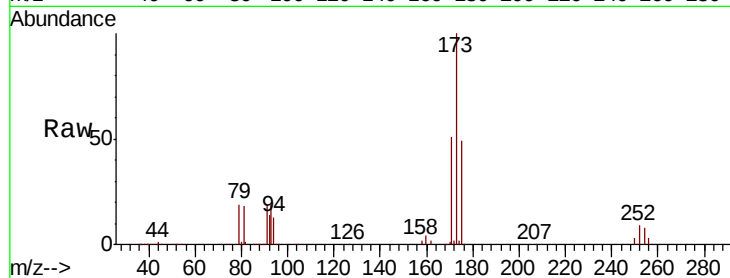
Tot Ion:173 Resp: 159295

Ion Ratio Lower Upper

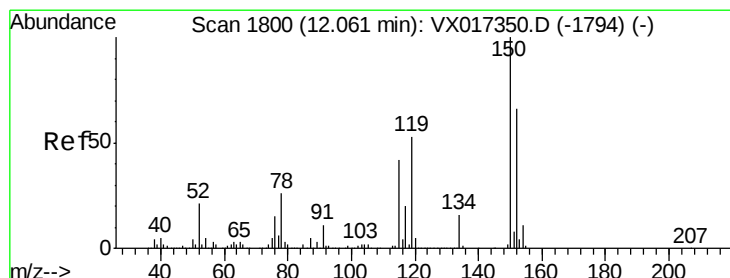
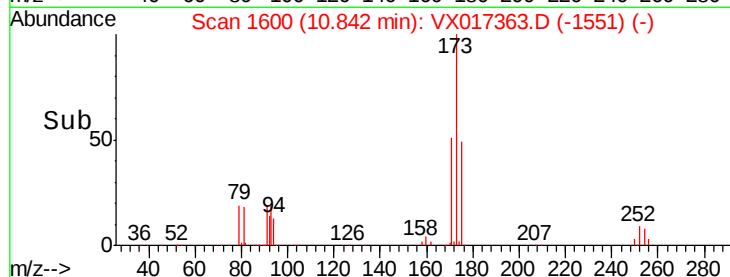
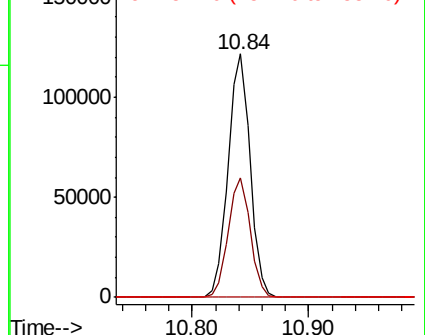
173 100

175 49.4 24.7 74.1

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: VX017363.D

Acq: 13 Jul 2020 19:07

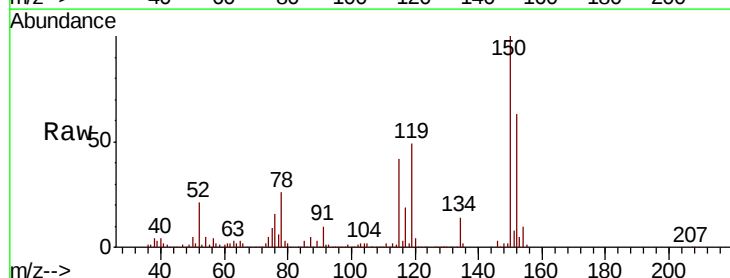
Tgt Ion:152 Resp: 233661

Ion Ratio Lower Upper

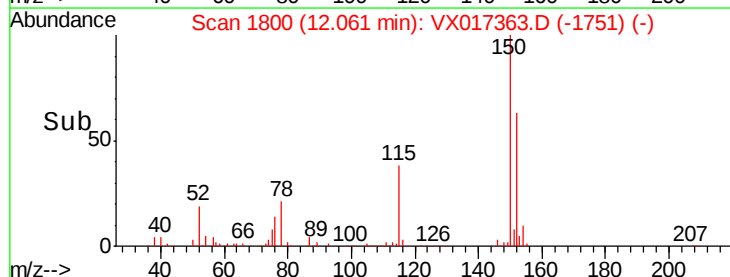
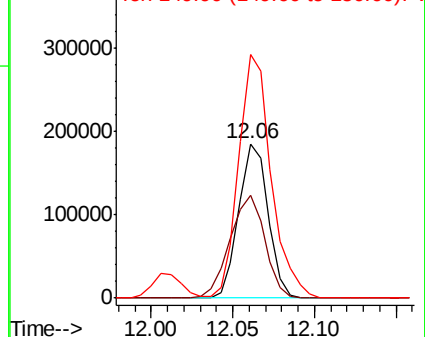
152 100

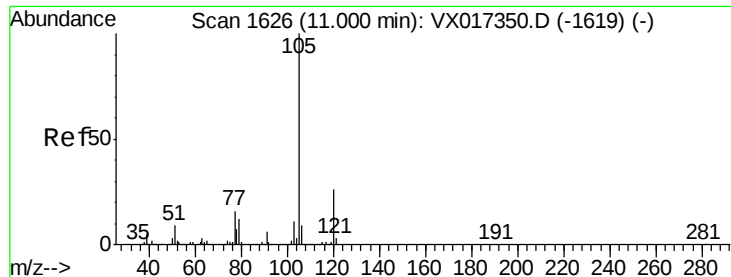
115 78.7 39.9 119.7

150 173.8 0.0 343.4



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





#73

Isopropylbenzene

Concen: 47.890 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

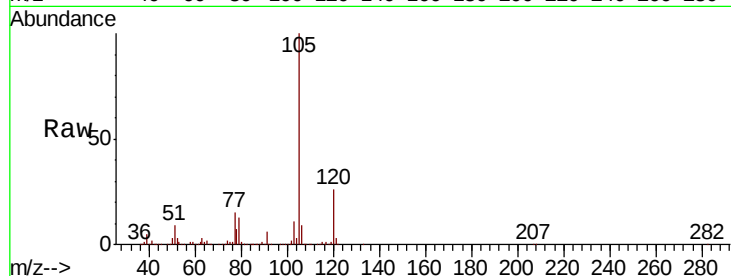
VSTDCCC050EC

Tot Ion:105 Resp: 701462

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

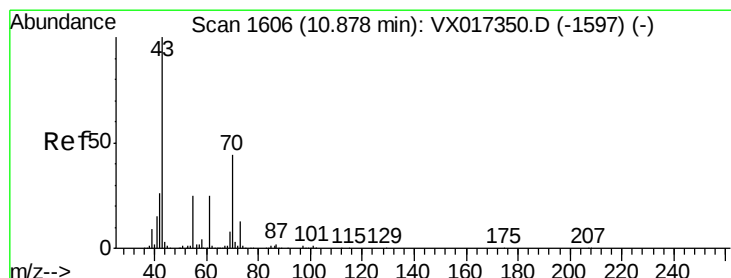
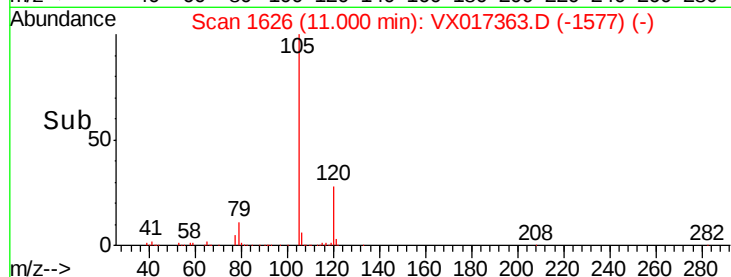
300000

200000

100000

0

Time--> 10.95 11.00 11.05



#74

N-ethyl acetate

Concen: 57.999 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Tgt Ion: 43 Resp: 339958

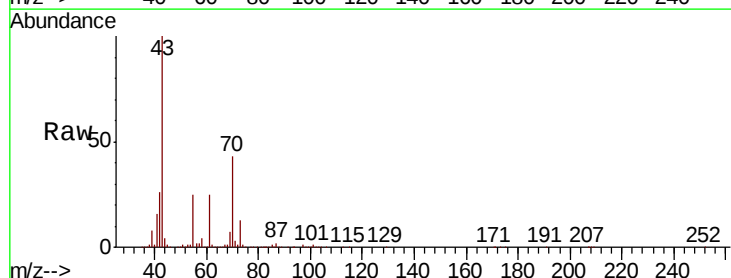
Ion Ratio Lower Upper

43 100

70 44.0 35.7 53.5

55 24.8 20.3 30.5

61 24.5 20.0 30.0



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

400000

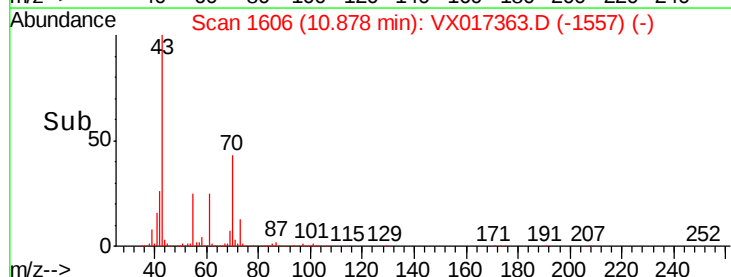
300000

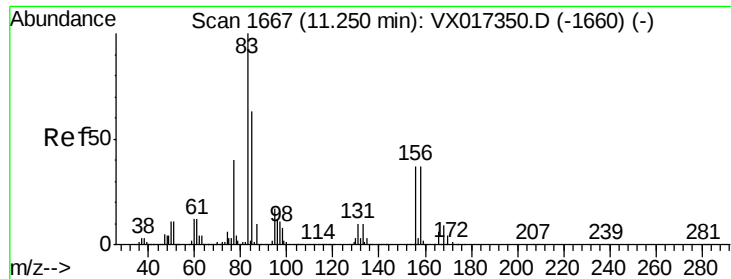
200000

100000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 54.961 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

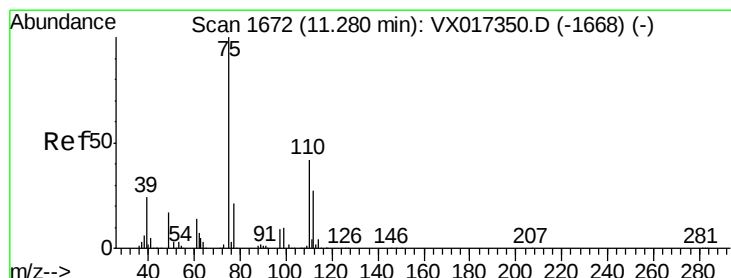
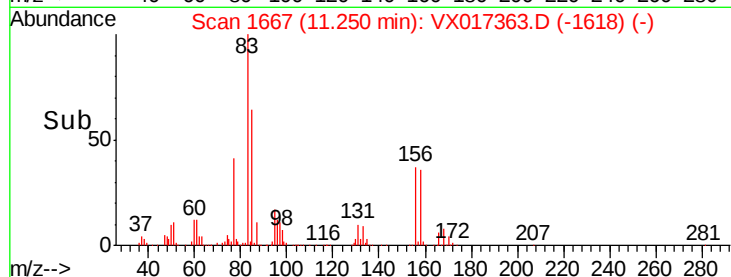
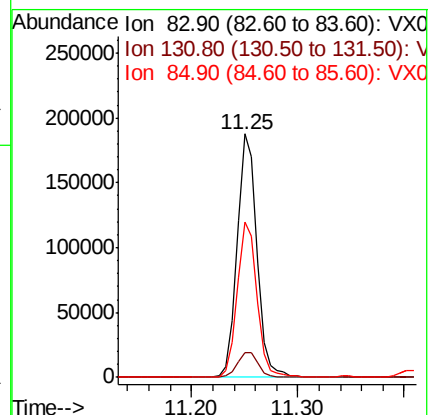
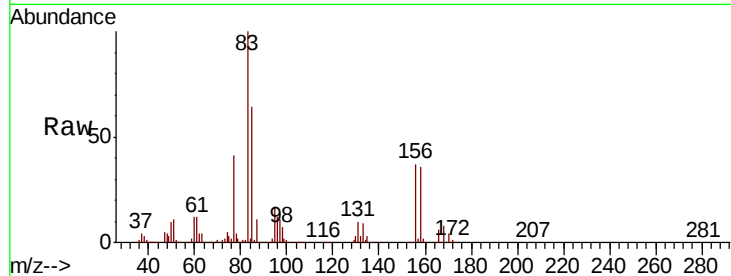
Tot Ion: 83 Resp: 244428

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.7

85 64.2 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 70.387 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017363.D

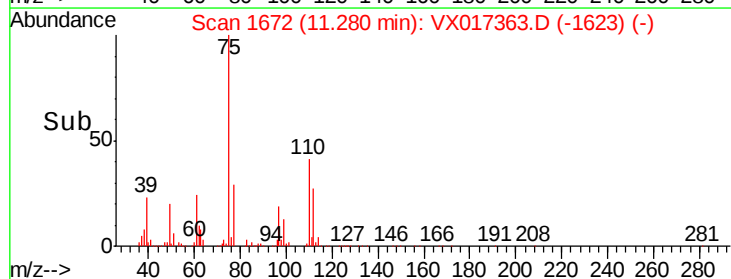
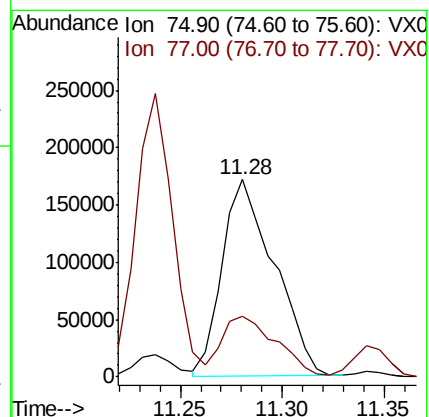
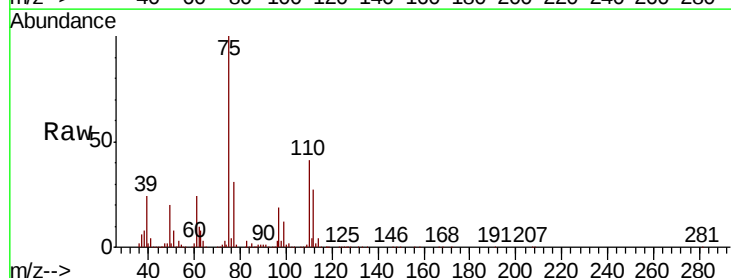
Acq: 13 Jul 2020 19:07

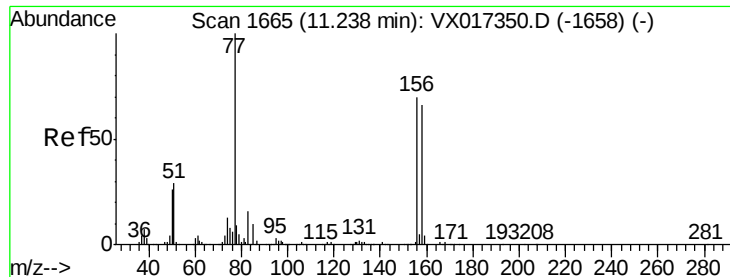
Tgt Ion: 75 Resp: 303907

Ion Ratio Lower Upper

75 100

77 32.3 20.3 60.9





#77

Bromobenzene

Concen: 50.127 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

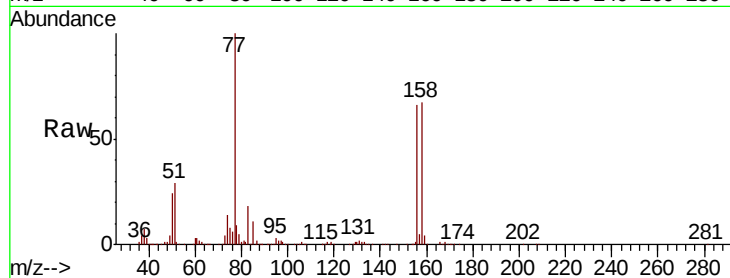
Tot Ion:156 Resp: 209120

Ion Ratio Lower Upper

156 100

77 149.4 72.1 216.3

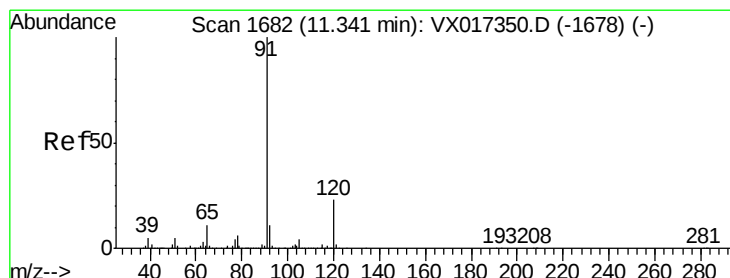
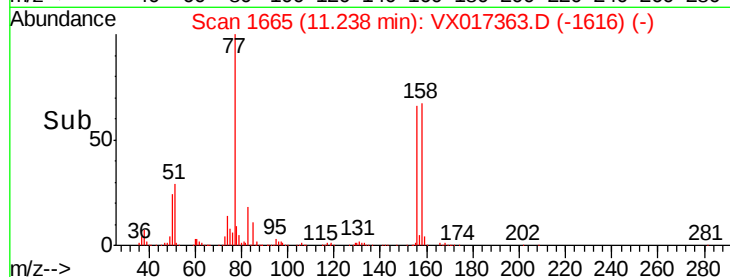
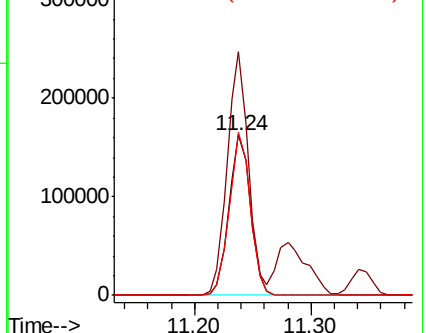
158 99.2 47.4 142.3



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: 48.664 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017363.D

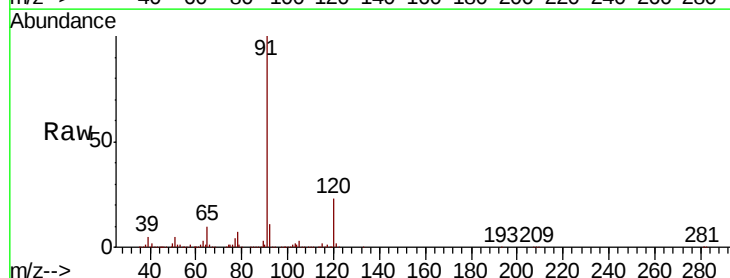
Acq: 13 Jul 2020 19:07

Tgt Ion: 91 Resp: 800538

Ion Ratio Lower Upper

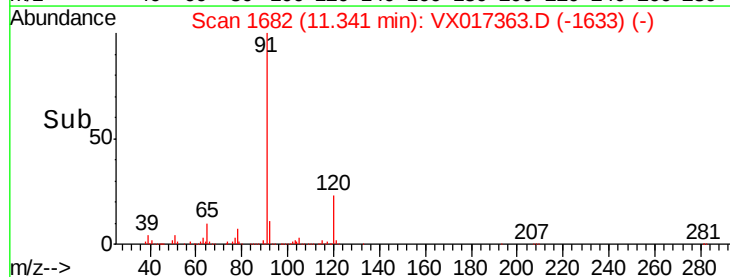
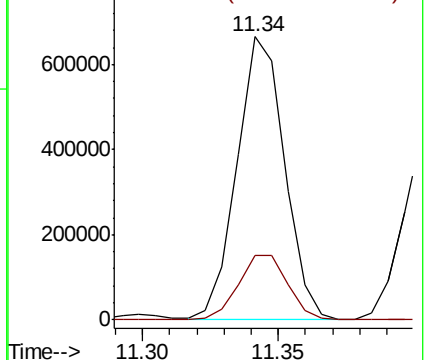
91 100

120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

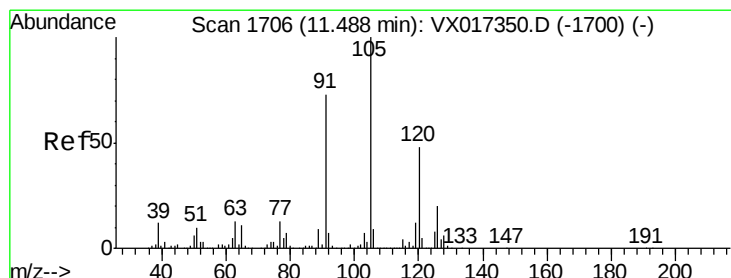
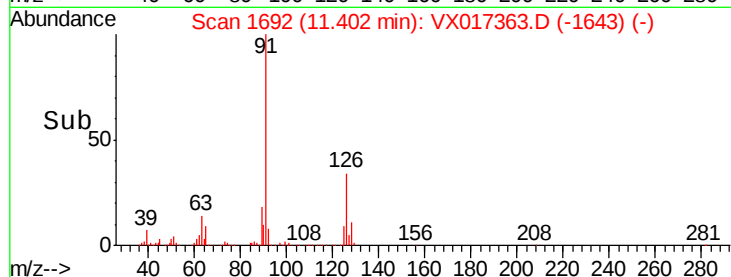
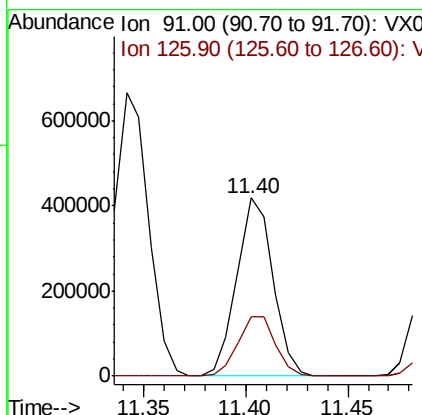
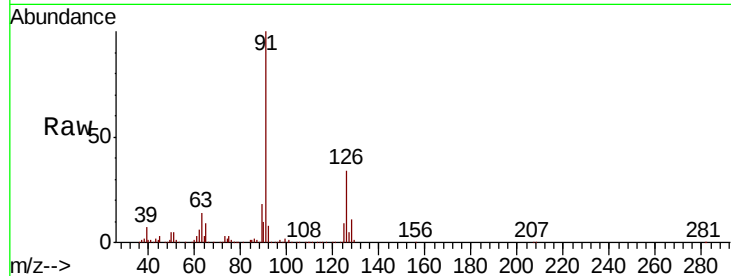




#79
2-Chlorotoluene
Concen: 50.760 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

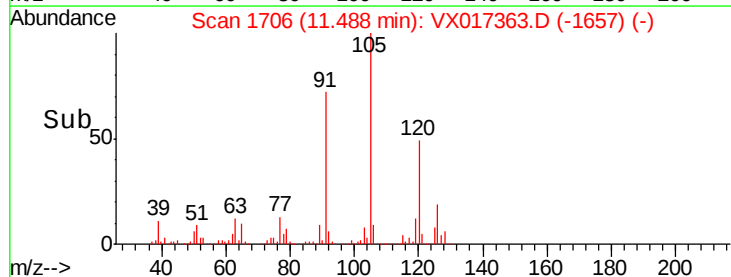
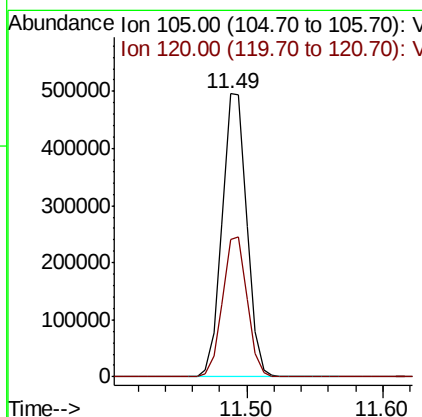
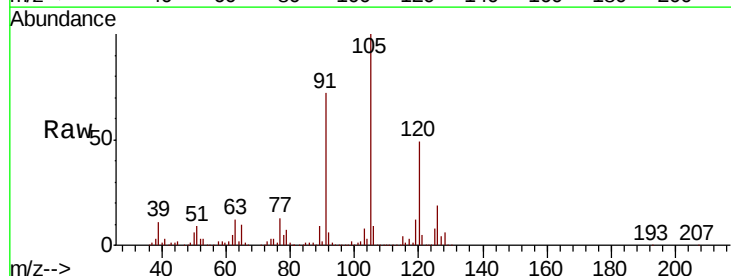
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

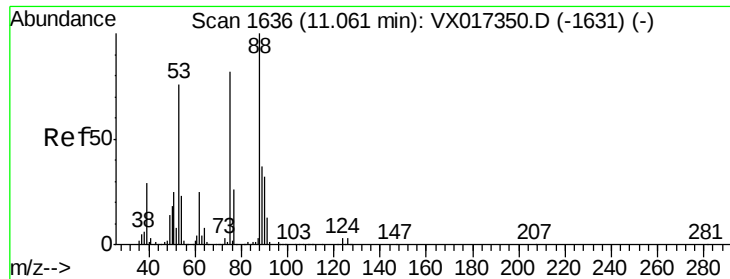
Tot Ion: 91 Resp: 514576
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 50.185 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion: 105 Resp: 623979
Ion Ratio Lower Upper
105 100
120 49.3 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 53.256 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

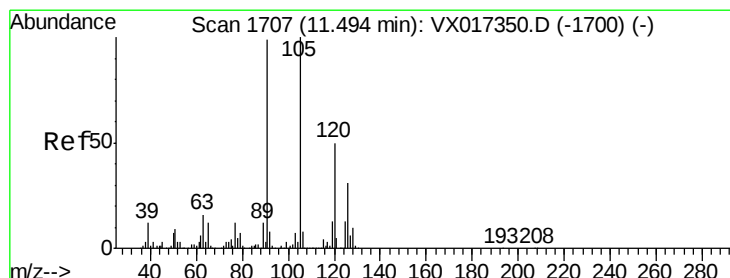
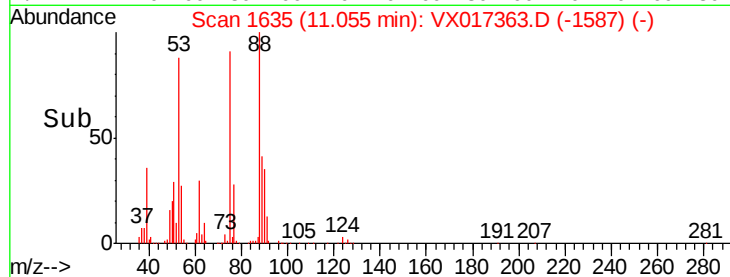
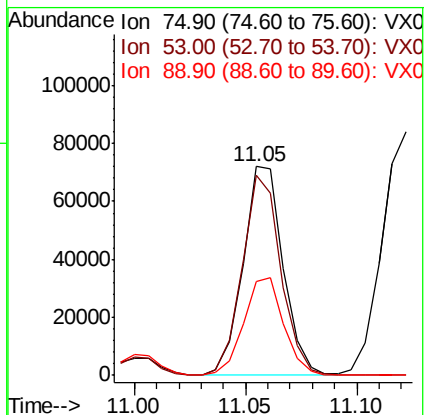
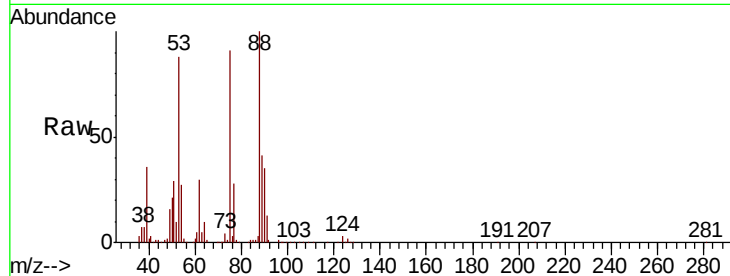
Tot Ion: 75 Resp: 90644

Ion Ratio Lower Upper

75 100

53 92.3 76.5 114.7

89 46.0 38.1 57.1



#82

4-Chlorotoluene

Concen: 51.319 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017363.D

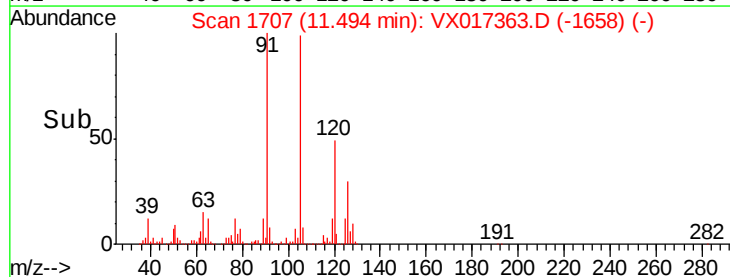
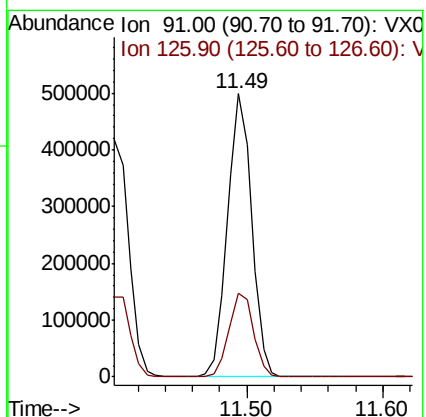
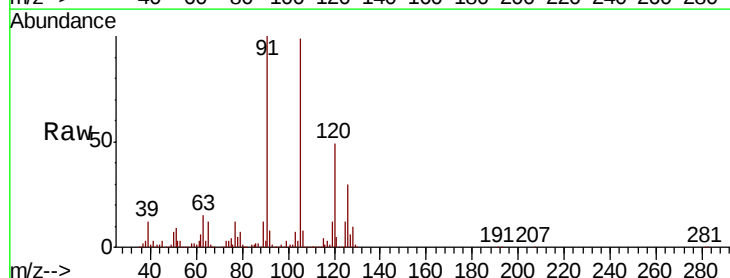
Acq: 13 Jul 2020 19:07

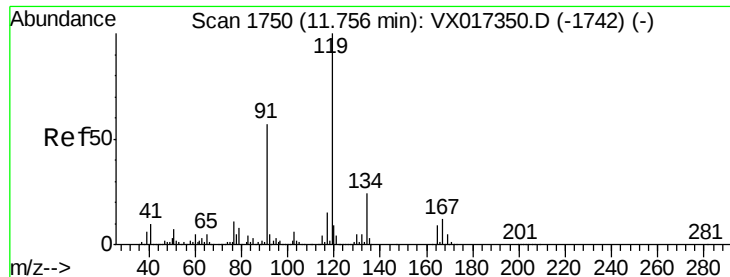
Tgt Ion: 91 Resp: 616553

Ion Ratio Lower Upper

91 100

126 30.3 15.4 46.2

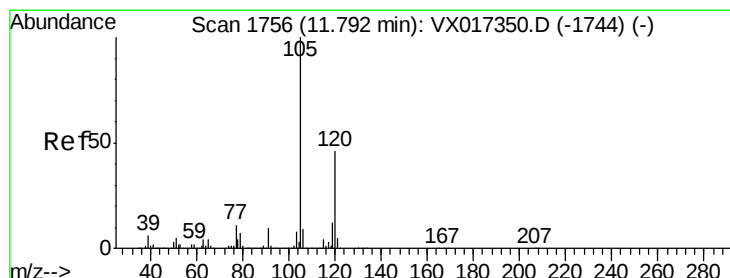
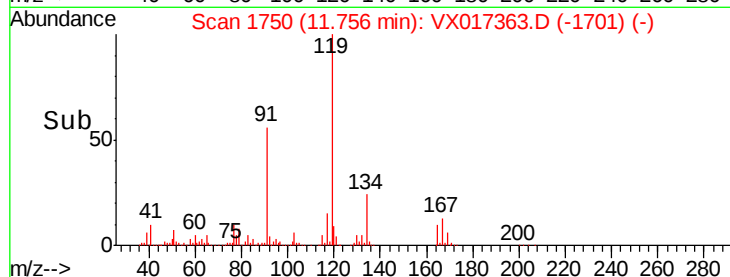
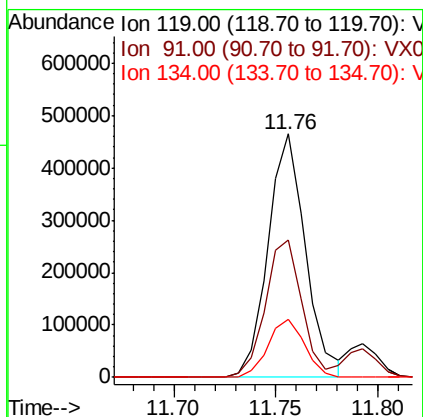
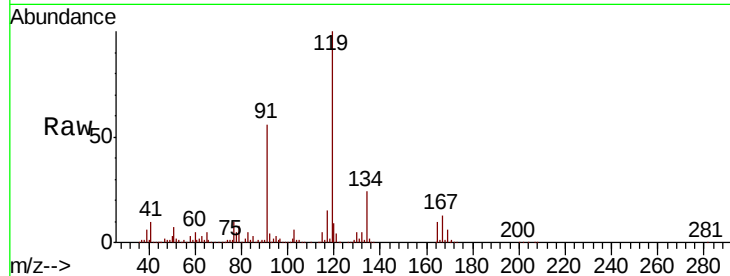




#83
 tert-Butylbenzene
 Concen: 49.399 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

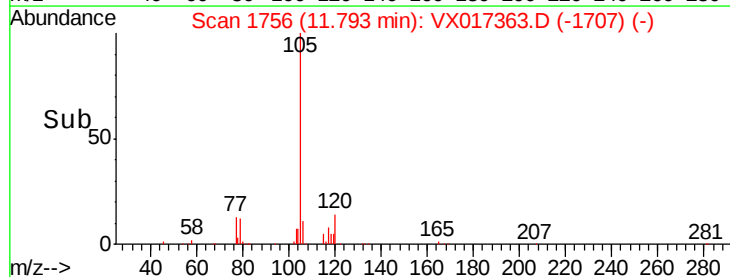
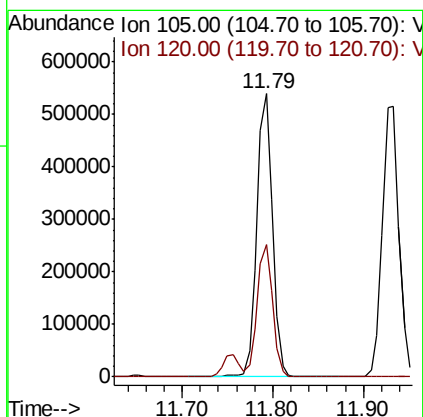
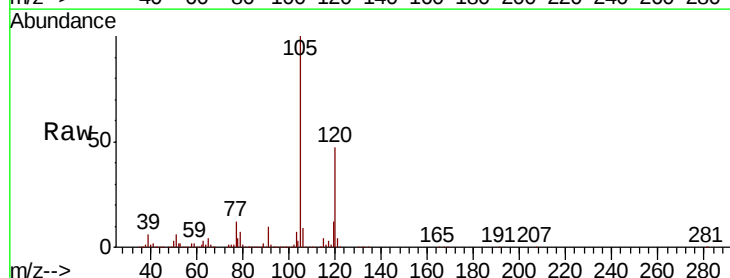
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

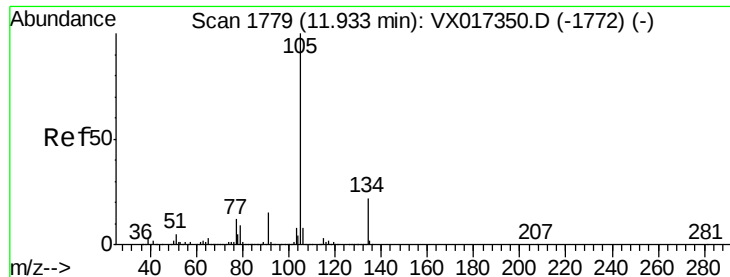
Tot Ion:119 Resp: 593739
 Ion Ratio Lower Upper
 119 100
 91 54.8 28.5 85.6
 134 23.3 11.9 35.9



#84
 1,2,4-Trimethylbenzene
 Concen: 51.341 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017363.D
 Acq: 13 Jul 2020 19:07

Tgt Ion:105 Resp: 644908
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.8 68.4





#85

sec-Butylbenzene

Concen: 46.596 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

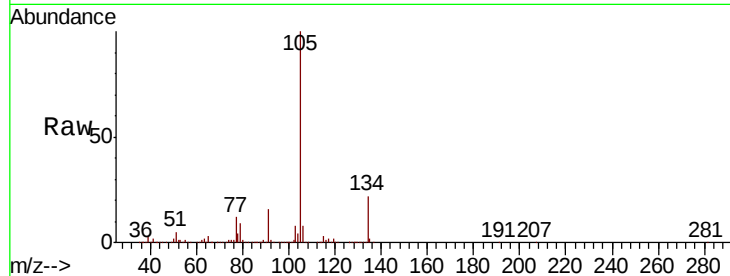
VSTDCCC050EC

Tot Ion:105 Resp: 655683

Ion Ratio Lower Upper

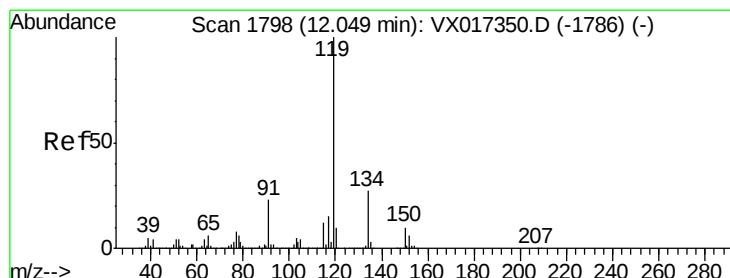
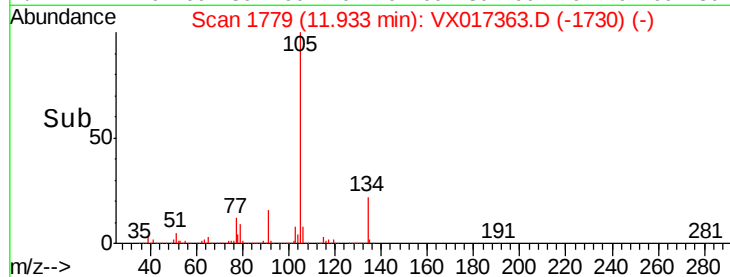
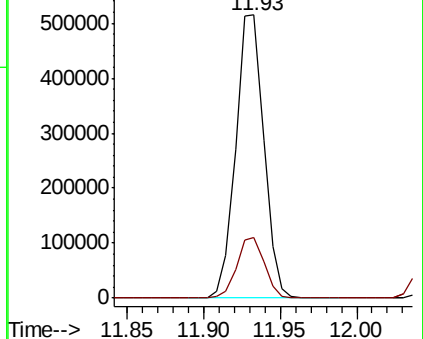
105 100

134 21.1 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.898 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

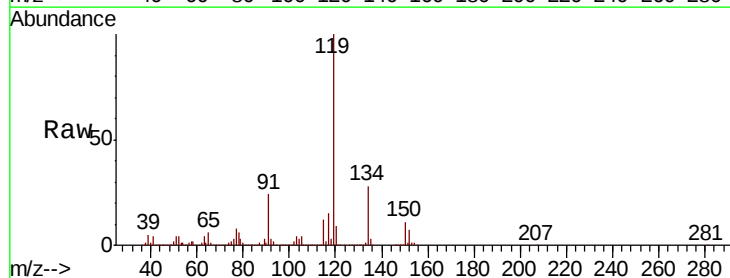
Tgt Ion:119 Resp: 637742

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.5

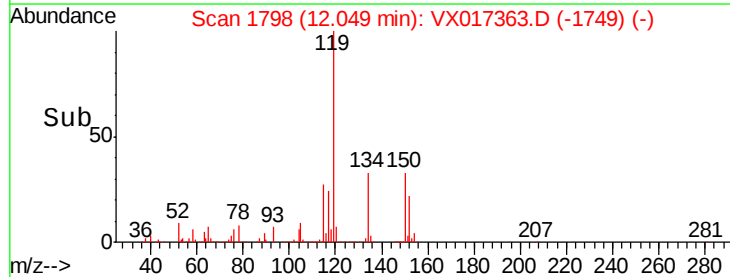
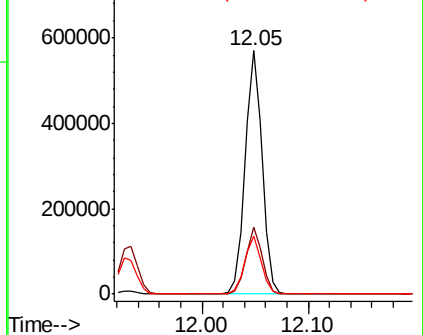
91 23.5 11.8 35.3

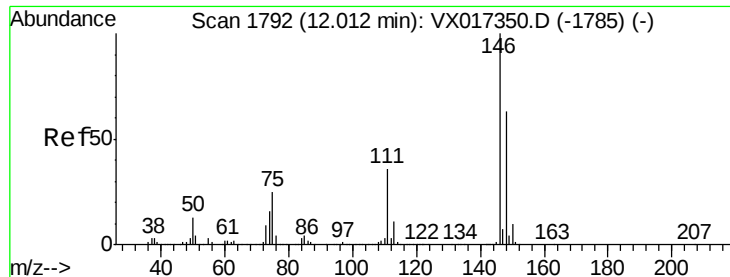


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 48.940 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

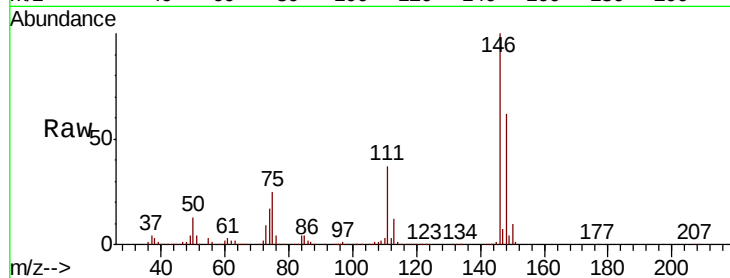
Tot Ion:146 Resp: 365237

Ion Ratio Lower Upper

146 100

111 38.9 19.2 57.6

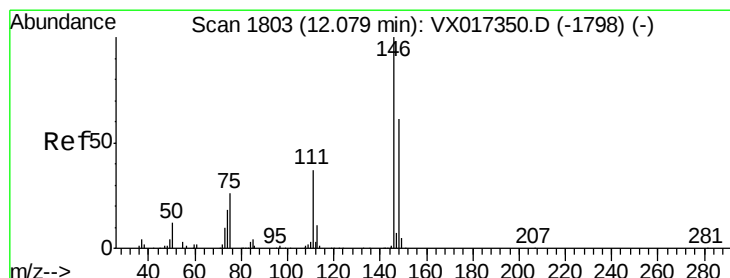
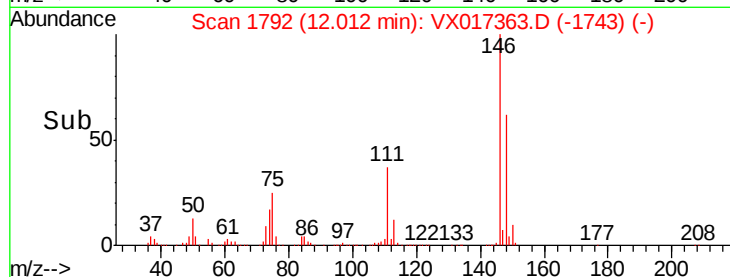
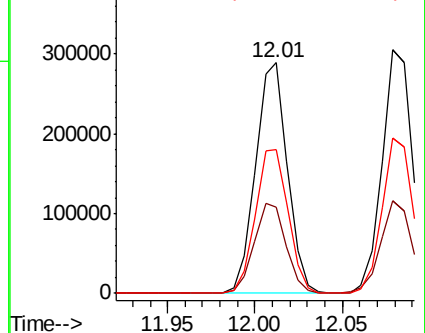
148 64.2 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.960 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

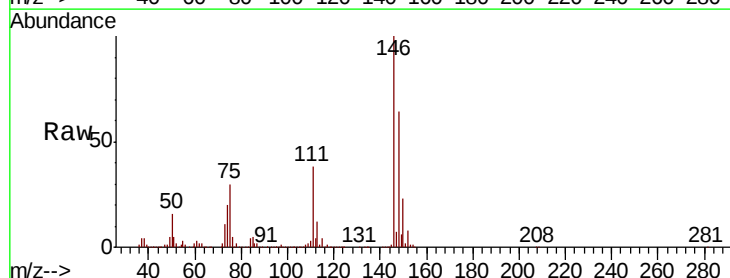
Tgt Ion:146 Resp: 369152

Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.9

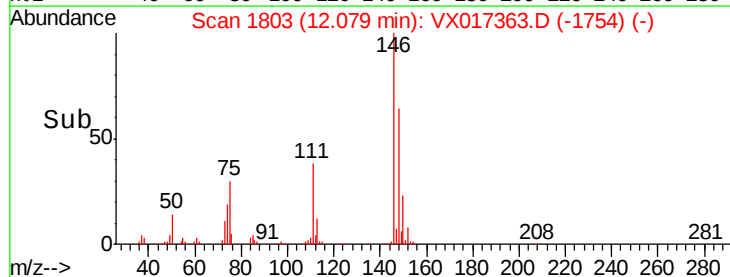
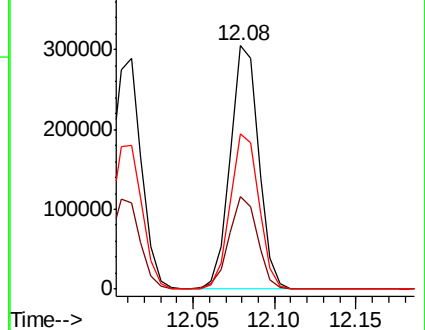
148 64.6 31.9 95.9

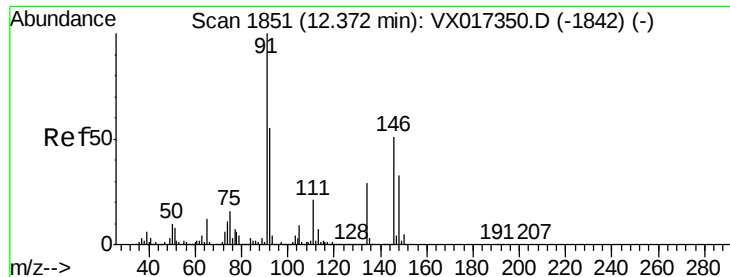


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

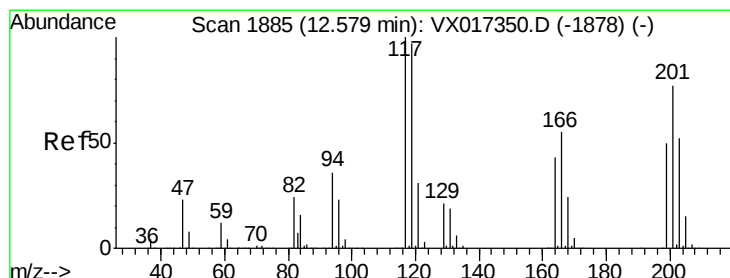
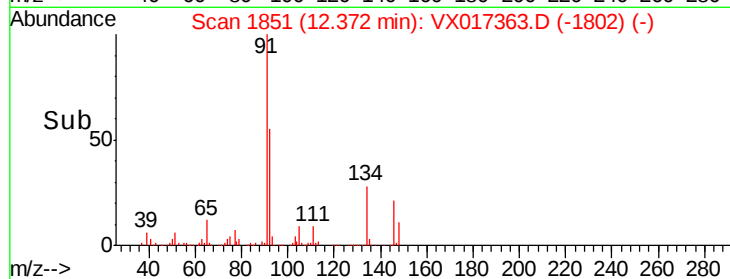
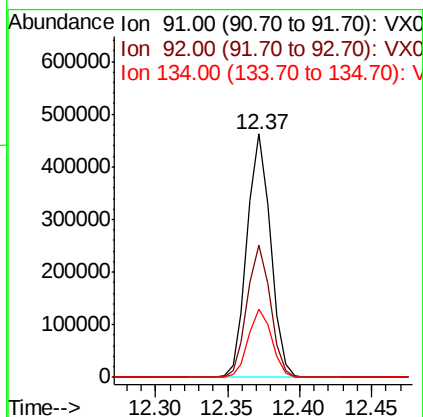
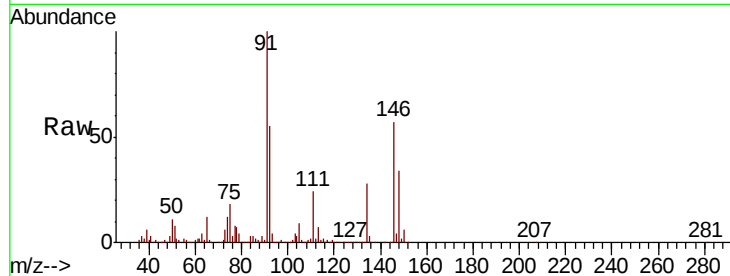




#89
n-Butylbenzene
Concen: 45.809 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

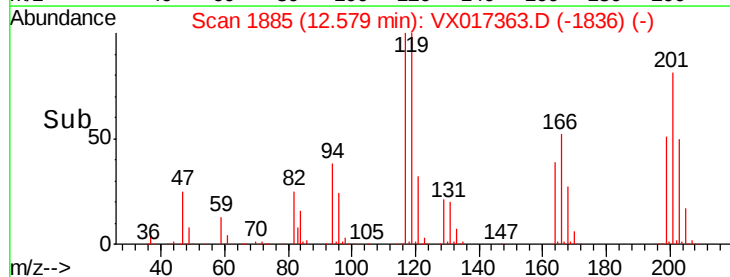
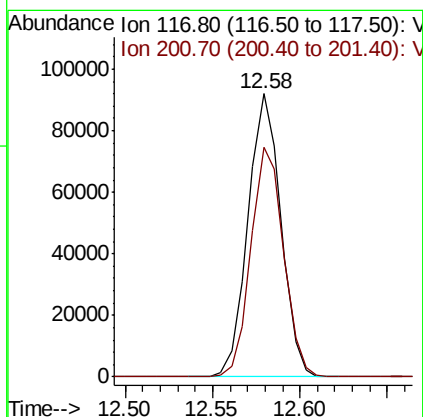
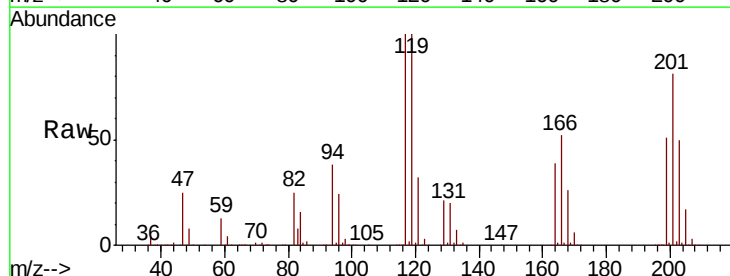
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

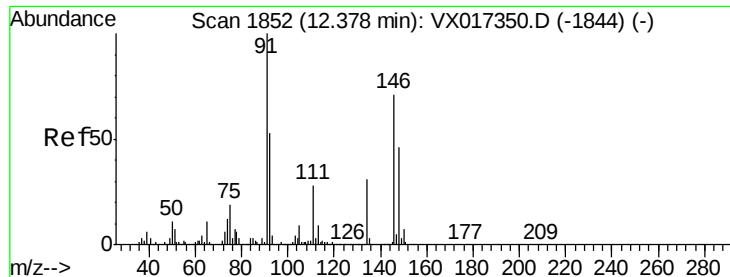
Tot Ion: 91 Resp: 520176
Ion Ratio Lower Upper
91 100
92 54.1 27.0 81.0
134 28.0 14.1 42.2



#90
Hexachloroethane
Concen: 47.564 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion: 117 Resp: 120230
Ion Ratio Lower Upper
117 100
201 80.5 41.0 123.0





#91

1,2-Dichlorobenzene

Concen: 50.046 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

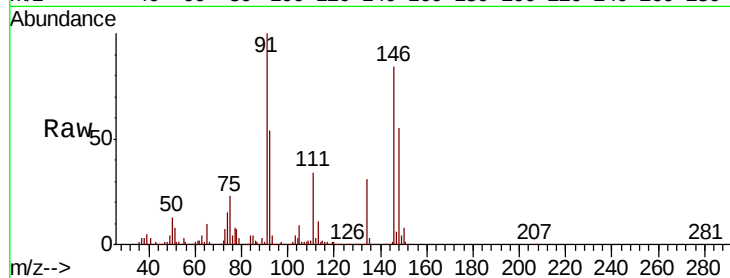
Tot Ion:146 Resp: 350986

Ion Ratio Lower Upper

146 100

111 41.4 20.3 61.0

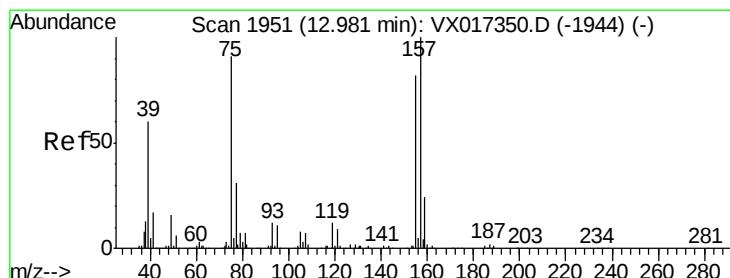
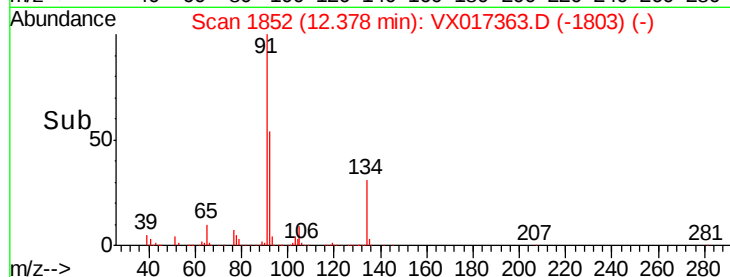
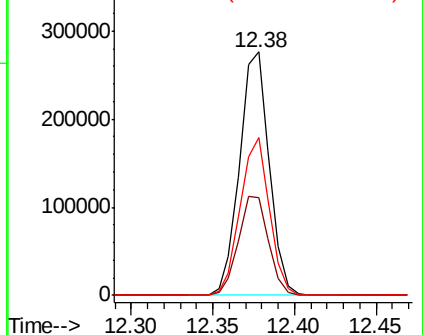
148 64.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.299 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

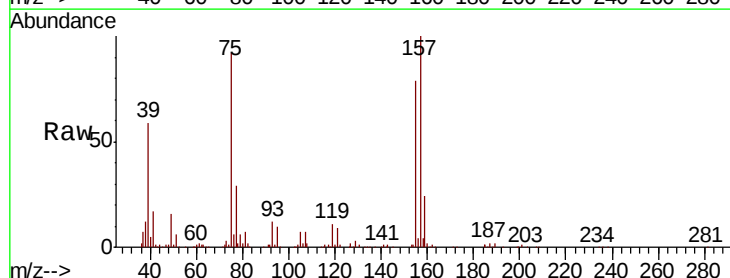
Tgt Ion: 75 Resp: 59026

Ion Ratio Lower Upper

75 100

155 91.5 46.5 139.3

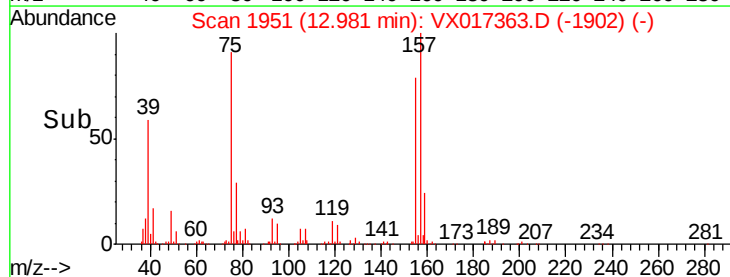
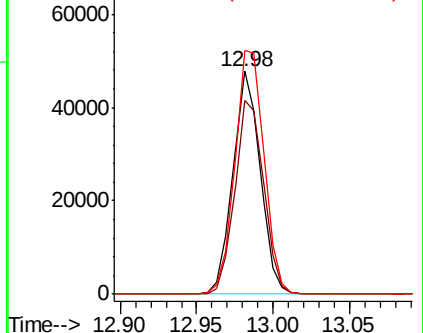
157 116.7 58.0 173.9

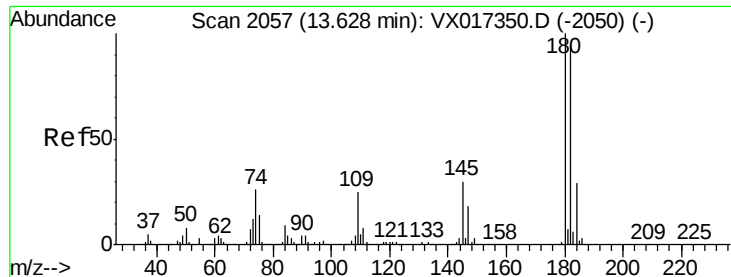


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

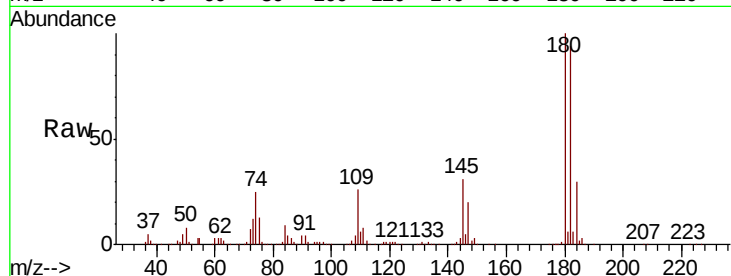




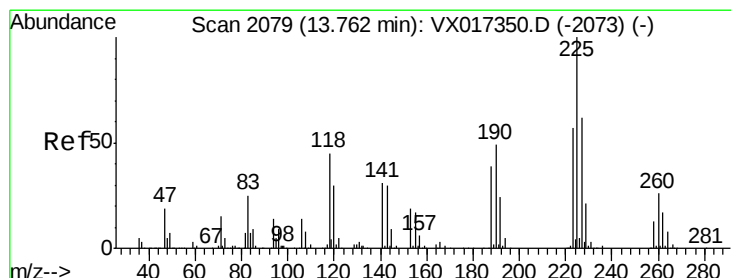
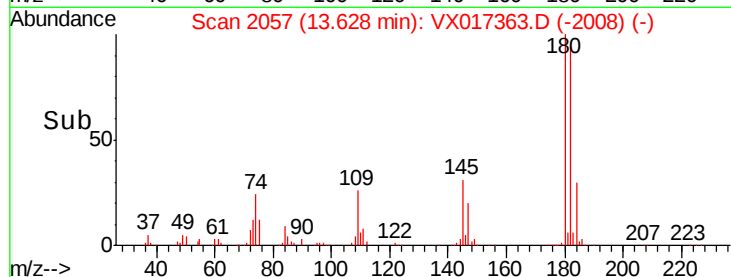
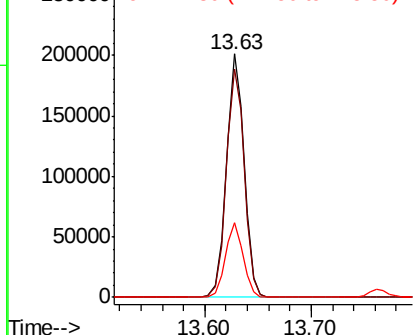
#93
1,2,4-Trichlorobenzene
Concen: 48.055 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:180 Resp: 233947
Ion Ratio Lower Upper
180 100
182 95.8 48.4 145.0
145 30.6 15.3 45.8

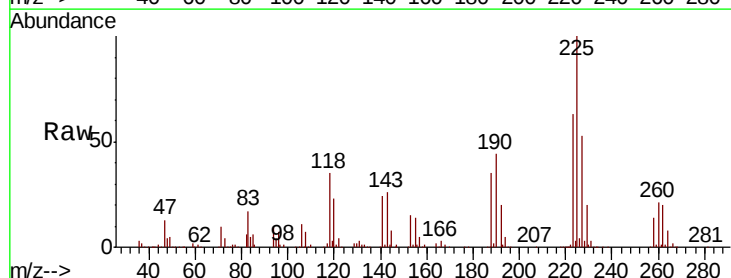


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

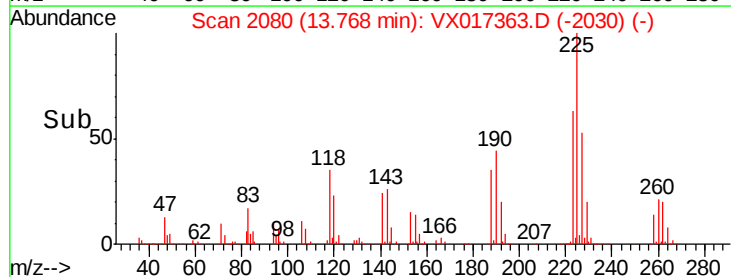
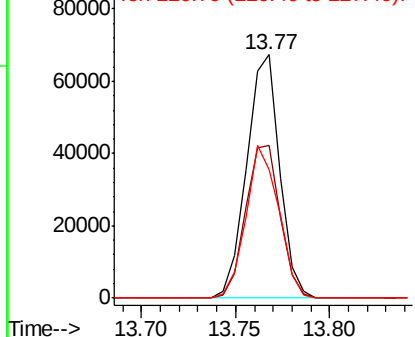


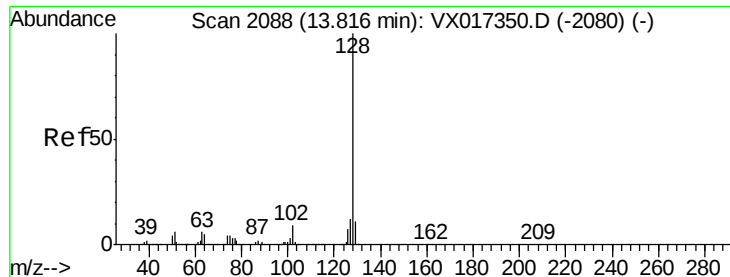
#94
Hexachlorobutadiene
Concen: 41.135 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX017363.D
Acq: 13 Jul 2020 19:07

Tgt Ion:225 Resp: 81668
Ion Ratio Lower Upper
225 100
223 65.8 31.3 93.8
227 62.3 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 54.813 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

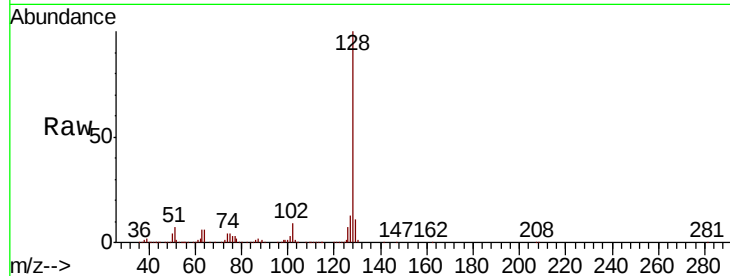
Tot Ion:128 Resp: 784601

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

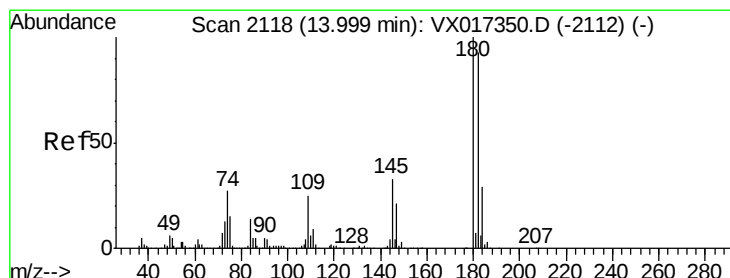
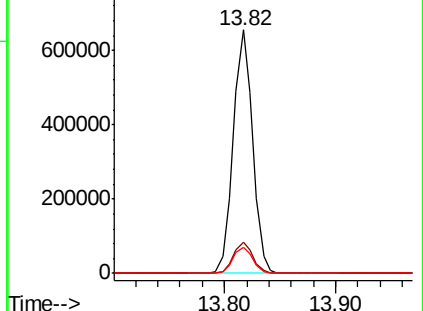
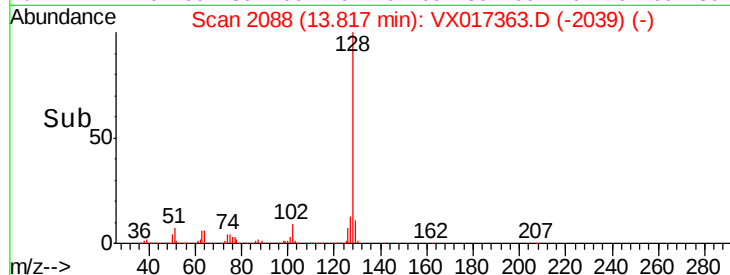
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.101 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX017363.D

Acq: 13 Jul 2020 19:07

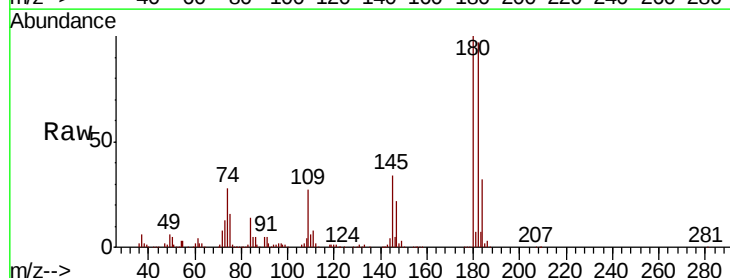
Tgt Ion:180 Resp: 240312

Ion Ratio Lower Upper

180 100

182 94.6 48.8 146.3

145 31.9 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

