

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
 Data File : VX017325.D
 Acq On : 10 Jul 2020 10:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 11 00:58:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	298163	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.82	114	433148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	417410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	232827	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	163478	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	
35) Dibromofluoromethane	5.46	113	133442	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	8.70	98	477406	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
62) 4-Bromofluorobenzene	11.12	95	200803	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	121898	42.259	ug/l	100
3) Chloromethane	1.31	50	127775	36.595	ug/l	100
4) Vinyl Chloride	1.39	62	129475	39.967	ug/l	100
5) Bromomethane	1.62	94	74072	43.278	ug/l	97
6) Chloroethane	1.70	64	85789	44.839	ug/l	99
7) Trichlorofluoromethane	1.91	101	239253	49.936	ug/l	99
8) Diethyl Ether	2.17	74	80939	50.207	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	129698	45.166	ug/l	97
10) Methyl Iodide	2.49	142	161690	43.637	ug/l	98
11) Tert butyl alcohol	3.01	59	150381	214.455	ug/l	100
12) 1,1-Dichloroethene	2.36	96	119643	40.558	ug/l	97
13) Acrolein	2.27	56	76496	182.490	ug/l	97
14) Allyl chloride	2.70	41	228316	41.880	ug/l	96
15) Acrylonitrile	3.11	53	371318	220.273	ug/l	99
16) Acetone	2.42	43	290655	211.376	ug/l	93
17) Carbon Disulfide	2.54	76	335841	40.802	ug/l	99
18) Methyl Acetate	2.75	43	171041	47.649	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	475453	48.023	ug/l	98
20) Methylene Chloride	2.83	84	150033	47.536	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	147386	45.022	ug/l	98
22) Diisopropyl ether	3.82	45	472059	46.784	ug/l	96
23) Vinyl Acetate	3.78	43	2016042	232.517	ug/l	99
24) 1,1-Dichloroethane	3.67	63	260760	45.419	ug/l	100
25) 2-Butanone	4.63	43	490032	213.874	ug/l	100
26) 2,2-Dichloropropane	4.54	77	247830	48.616	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	166281	44.829	ug/l	99
28) Bromochloromethane	4.98	49	117909	42.204	ug/l	95
29) Tetrahydrofuran	5.09	42	325091	214.744	ug/l	98
30) Chloroform	5.17	83	278421	47.308	ug/l	100
31) Cyclohexane	5.55	56	215634	43.452	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	256356	47.297	ug/l	98
36) 1,1-Dichloropropene	5.76	75	201739	49.279	ug/l	99
37) Ethyl Acetate	4.79	43	198917	47.890	ug/l	99
38) Carbon Tetrachloride	5.75	117	238698	52.938	ug/l	99

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 11 00:58:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	224409	49.268	ug/l	98
40) Benzene	6.10	78	576925	47.964	ug/l	100
41) Methacrylonitrile	5.00	41	111011	47.486	ug/l	97
42) 1,2-Dichloroethane	6.16	62	225470	51.896	ug/l	99
43) Isopropyl Acetate	6.41	43	331525	48.033	ug/l	99
44) Trichloroethene	7.18	130	176008	53.047	ug/l	98
45) 1,2-Dichloropropane	7.49	63	152140	49.247	ug/l	98
46) Dibromomethane	7.63	93	106704	50.591	ug/l	96
47) Bromodichloromethane	7.87	83	227759	52.399	ug/l	98
48) Methyl methacrylate	7.74	41	164874	50.280	ug/l	97
49) 1,4-Dioxane	7.71	88	65334	879.472	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1016726	247.120	ug/l	99
52) Toluene	8.76	92	380046	50.607	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	250182	52.167	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	262887	51.135	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	159118	51.859	ug/l	99
56) Ethyl methacrylate	9.16	69	232593	53.260	ug/l	99
57) 1,3-Dichloropropane	9.35	76	261025	50.276	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	527398	242.651	ug/l	98
59) 2-Hexanone	9.47	43	788350	262.362	ug/l	100
60) Dibromochloromethane	9.56	129	198504	55.702	ug/l	99
61) 1,2-Dibromoethane	9.65	107	170751	51.773	ug/l	99
64) Tetrachloroethene	9.32	164	174044	51.664	ug/l	97
65) Chlorobenzene	10.12	112	429106	49.809	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	177596	53.490	ug/l	99
67) Ethyl Benzene	10.23	91	740316	51.456	ug/l	99
68) m/p-Xylenes	10.34	106	576053	104.277	ug/l	97
69) o-Xylene	10.68	106	275577	52.439	ug/l	99
70) Styrene	10.70	104	487937	54.524	ug/l	99
71) Bromoform	10.84	173	151295	57.464	ug/l #	97
73) Isopropylbenzene	11.00	105	762725	50.013	ug/l	100
74) N-amyl acetate	10.88	43	309513	47.564	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	223925	46.679	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	280872	61.347	ug/l	86
77) Bromobenzene	11.24	156	208573	49.762	ug/l	96
78) n-propylbenzene	11.34	91	885762	51.361	ug/l	99
79) 2-Chlorotoluene	11.40	91	530643	50.841	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	664527	52.533	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	85134	48.154	ug/l	94
82) 4-Chlorotoluene	11.49	91	629747	50.472	ug/l	98
83) tert-Butylbenzene	11.76	119	646980	52.101	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	673695	52.496	ug/l	100
85) sec-Butylbenzene	11.93	105	757608	51.903	ug/l	99
86) p-Isopropyltoluene	12.05	119	734630	54.063	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	373591	49.077	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	381095	53.098	ug/l	99
89) n-Butylbenzene	12.37	91	621189	51.198	ug/l	99
90) Hexachloroethane	12.58	117	133431	49.794	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	354633	49.839	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52435	45.820	ug/l	98

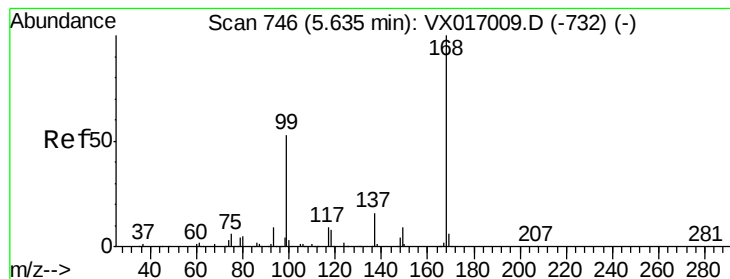
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	242015	49.831	ug/l	96
94) Hexachlorobutadiene	13.76	225	105505	57.117	ug/l	96
95) Naphthalene	13.82	128	751760	50.914	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	239618	50.981	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

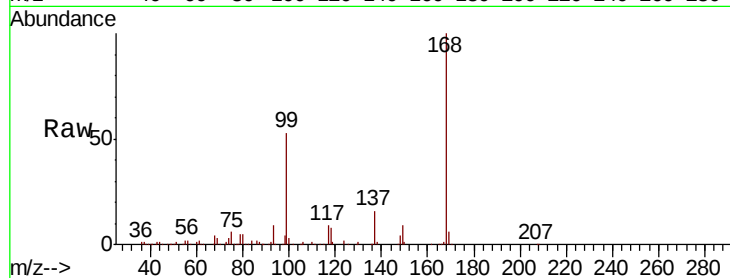
ClientSampled :

Tot Ion:168 Resp: 298163

Ion Ratio Lower Upper

168 100

99 53.0 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

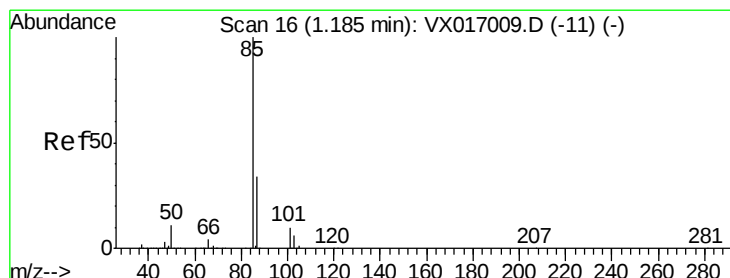
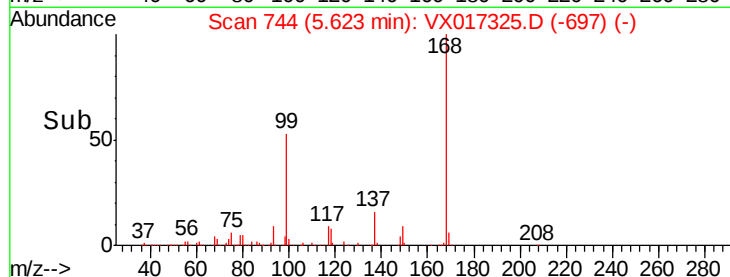
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.259 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017325.D

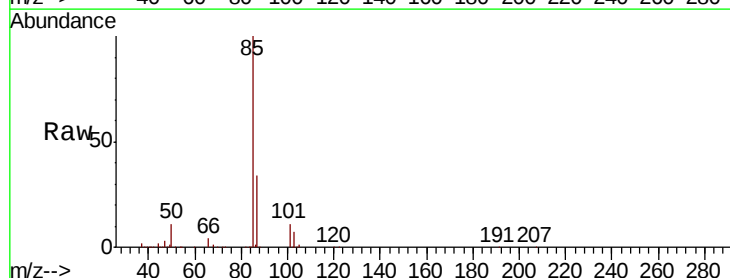
Acq: 10 Jul 2020 10:53

Tgt Ion: 85 Resp: 121898

Ion Ratio Lower Upper

85 100

87 33.8 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

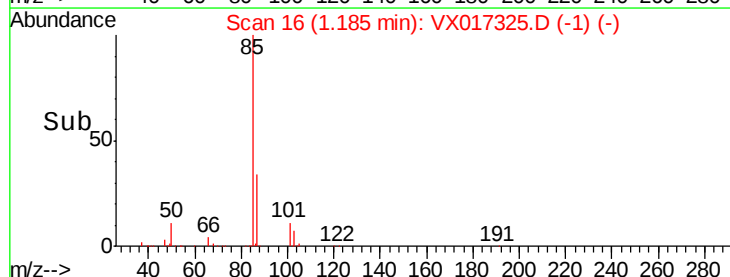
150000

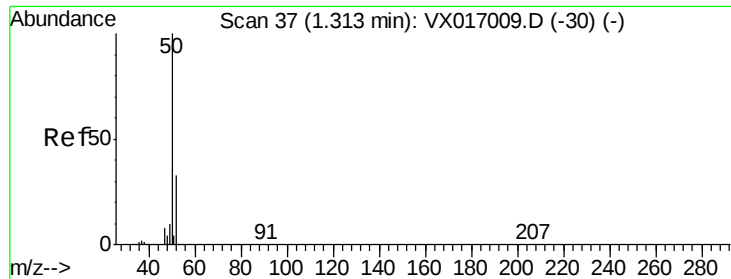
100000

50000

0

Time-->





#3

Chloromethane

Concen: 36.595 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

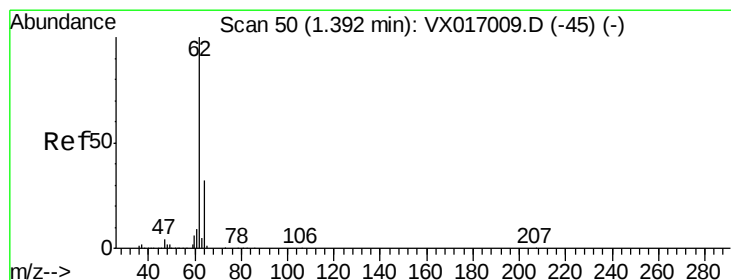
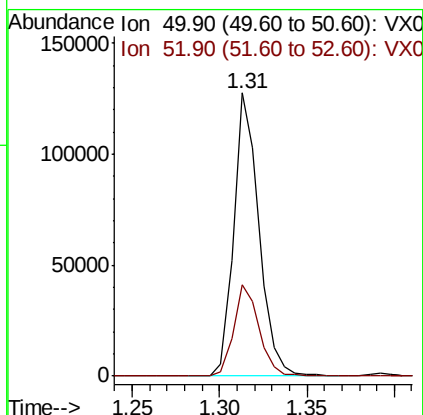
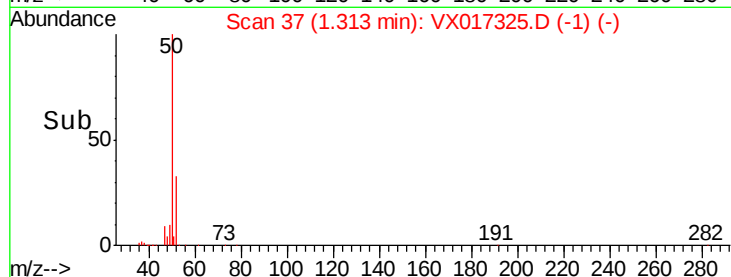
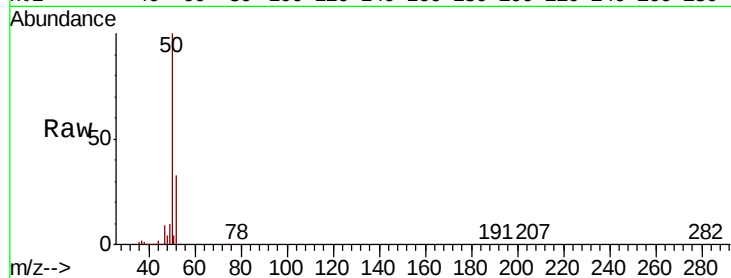
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 127775

Ion Ratio Lower Upper

50 100

52 32.5 26.1 39.1



#4

Vinyl Chloride

Concen: 39.967 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017325.D

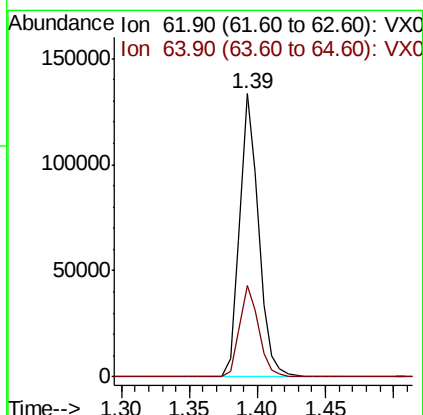
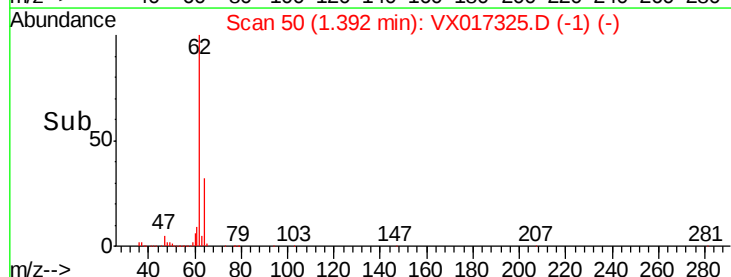
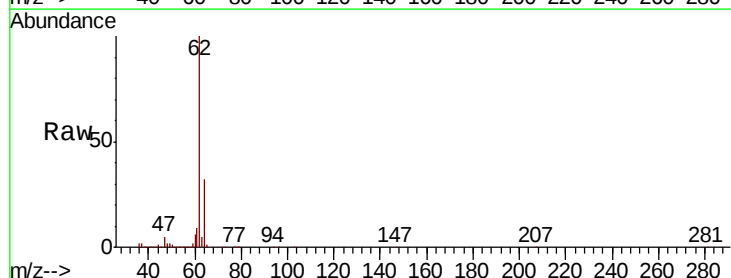
Acq: 10 Jul 2020 10:53

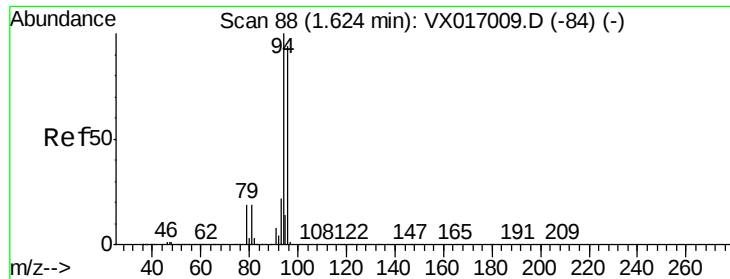
Tgt Ion: 62 Resp: 129475

Ion Ratio Lower Upper

62 100

64 32.3 25.9 38.9





#5

Bromomethane

Concen: 43.278 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

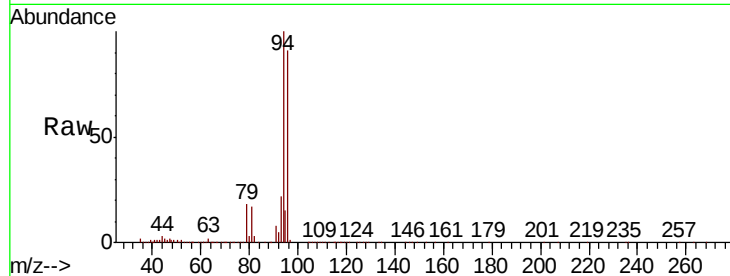
ClientSampleId :

Tot Ion: 94 Resp: 74072

Ion Ratio Lower Upper

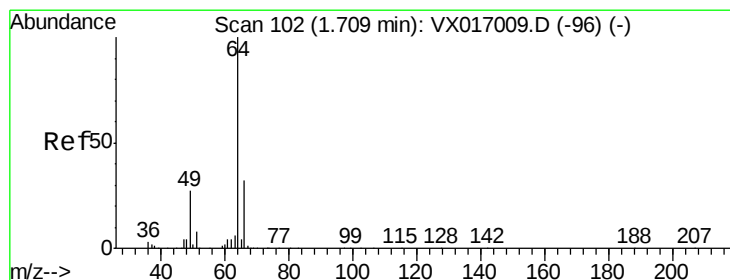
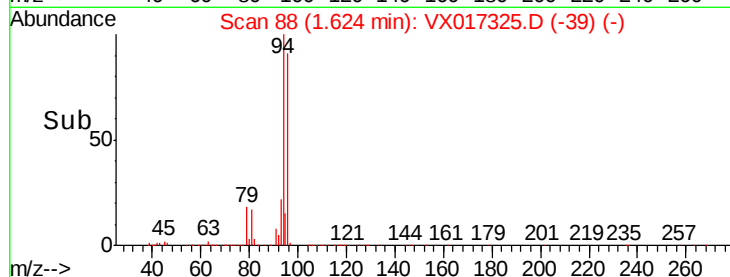
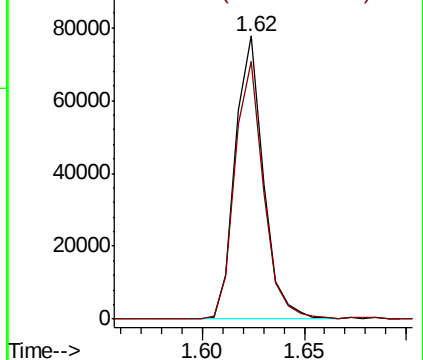
94 100

96 91.2 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.839 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017325.D

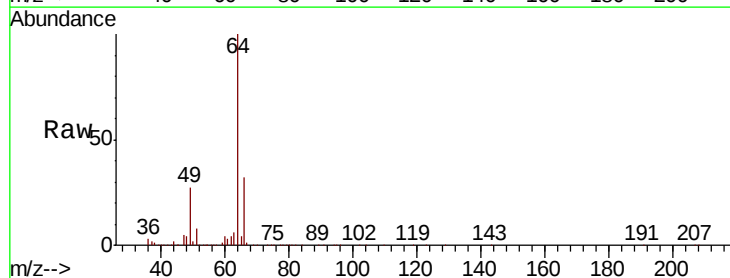
Acq: 10 Jul 2020 10:53

Tgt Ion: 64 Resp: 85789

Ion Ratio Lower Upper

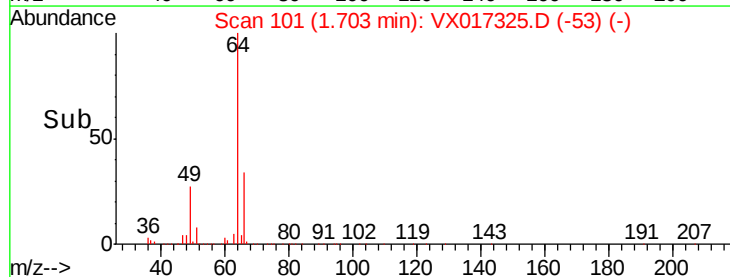
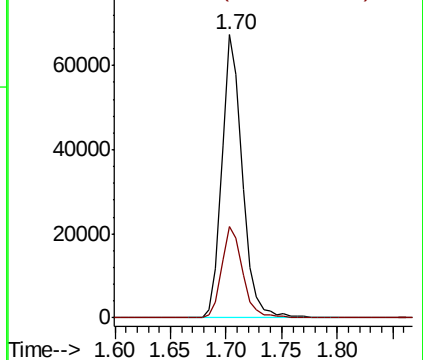
64 100

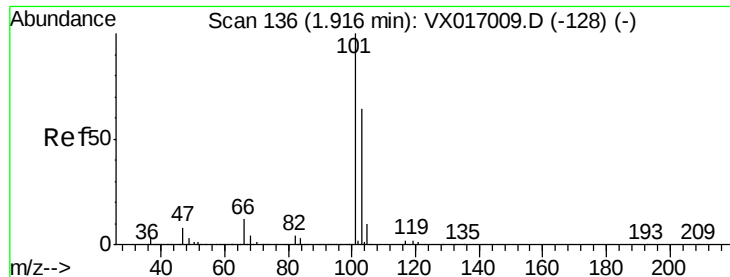
66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



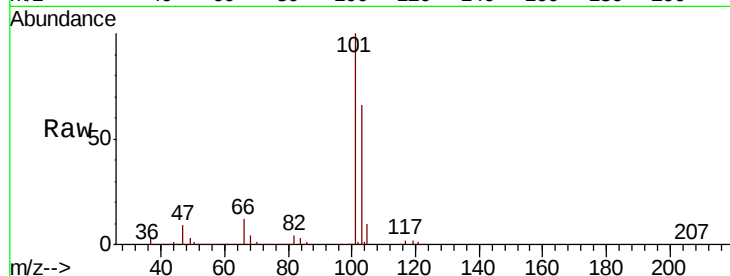


#7

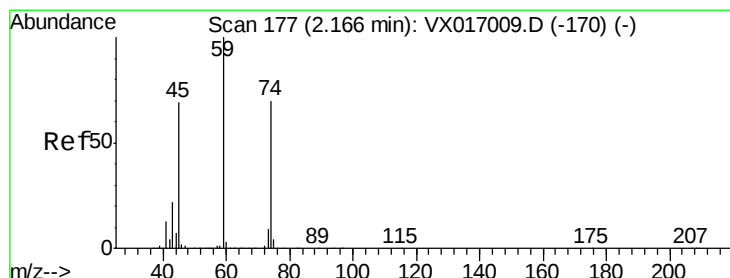
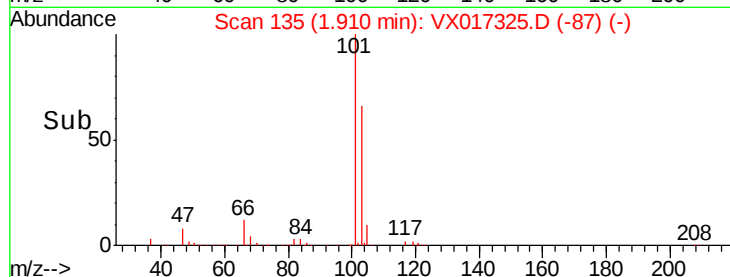
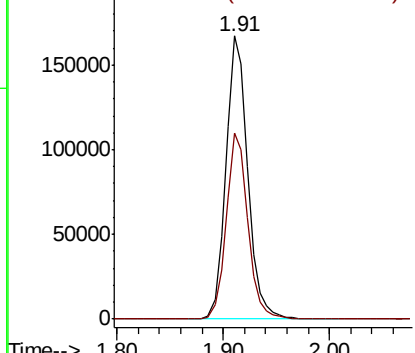
Trichlorofluoromethane
 Concen: 49.936 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX017325.D
 Acq: 10 Jul 2020 10:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:101 Resp: 239253
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.5 77.3



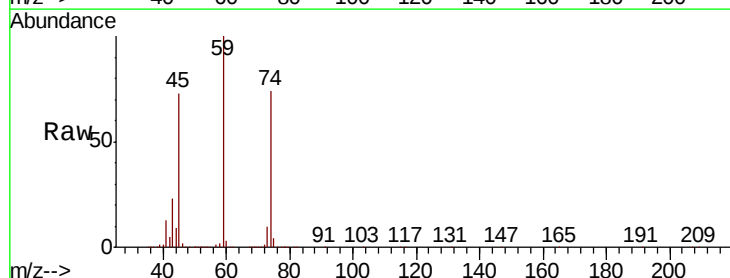
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



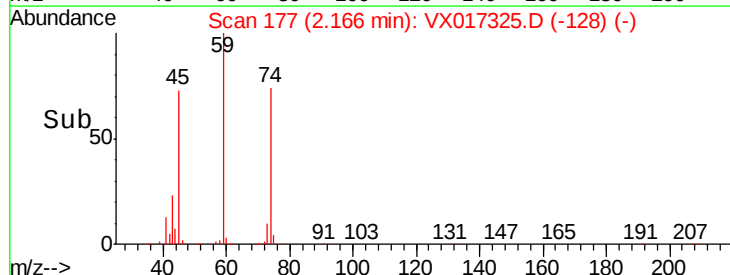
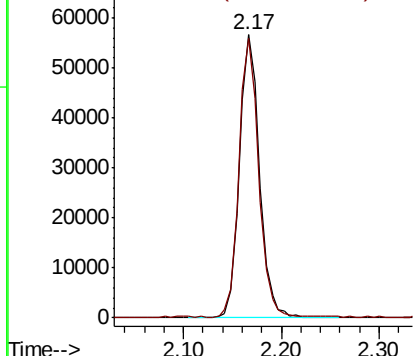
#8

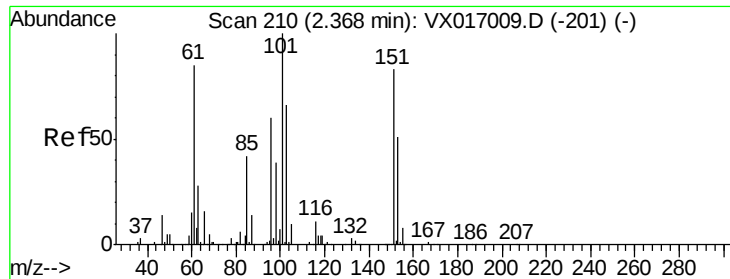
Diethyl Ether
 Concen: 50.207 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017325.D
 Acq: 10 Jul 2020 10:53

Tgt Ion: 74 Resp: 80939
 Ion Ratio Lower Upper
 74 100
 45 96.5 49.8 149.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.166 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

ClientSampleId :

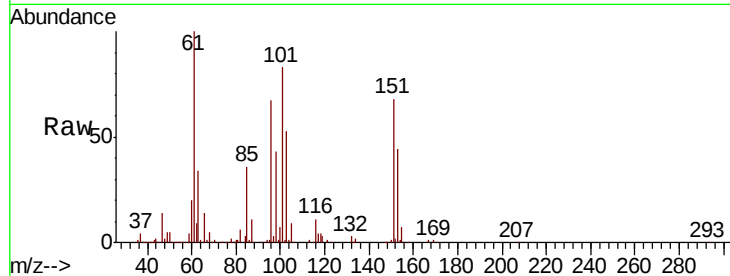
Tot Ion:101 Resp: 129698

Ion Ratio Lower Upper

101 100

85 44.3 33.5 50.3

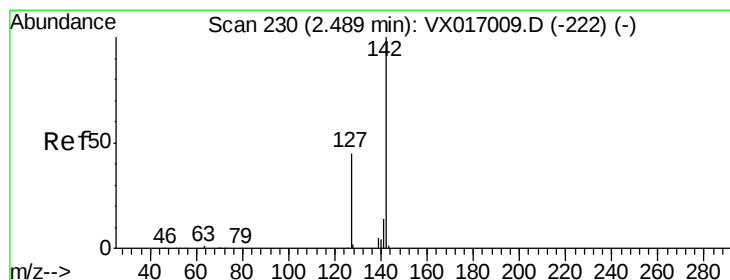
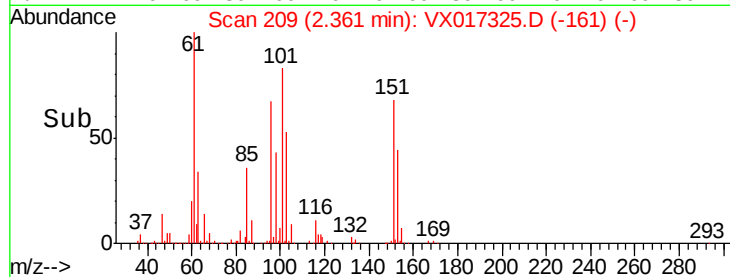
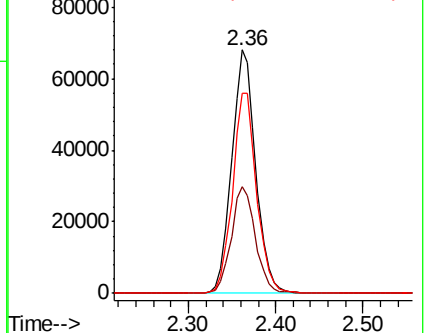
151 82.6 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.637 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

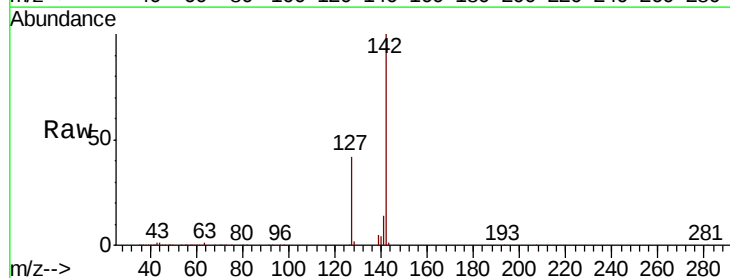
Tgt Ion:142 Resp: 161690

Ion Ratio Lower Upper

142 100

127 43.9 36.6 54.8

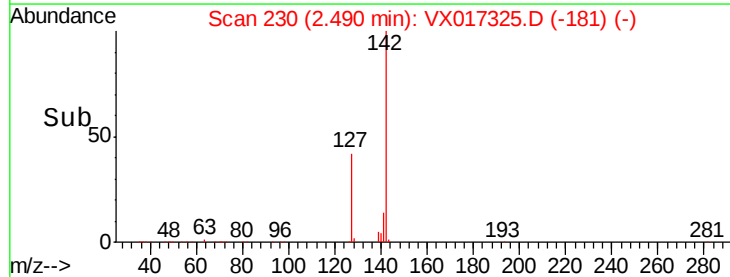
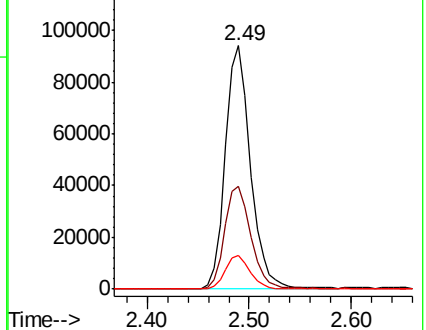
141 13.8 11.6 17.4

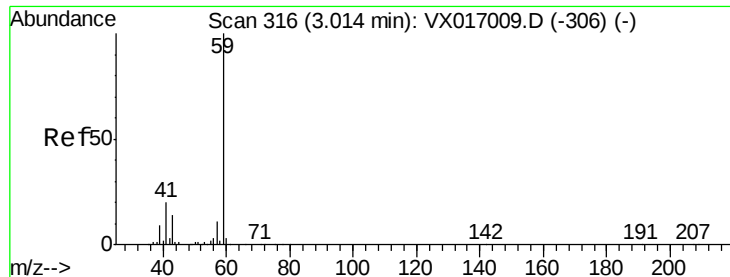


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

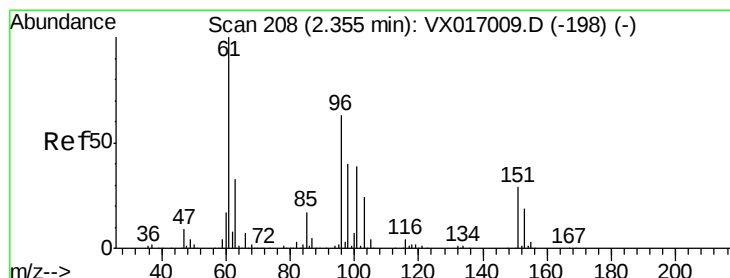
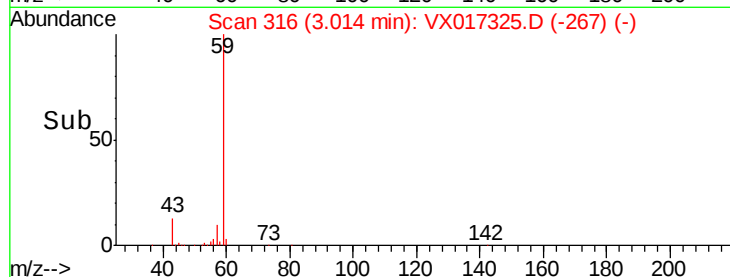
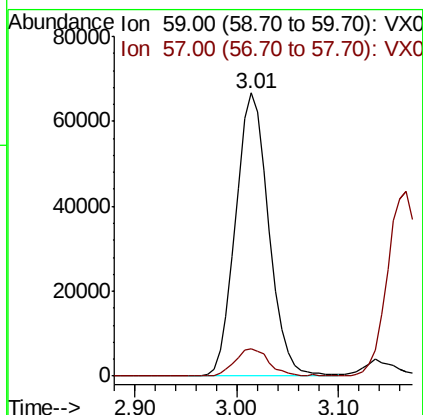
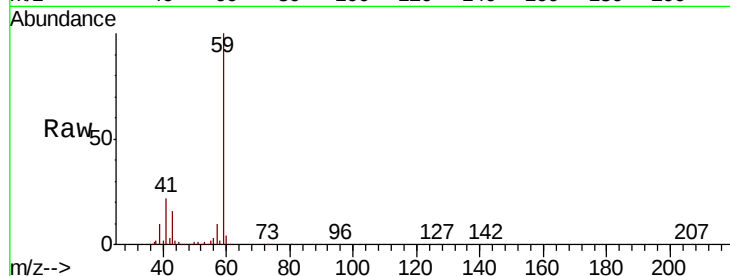




#11
Tert butyl alcohol
Concen: 214.455 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

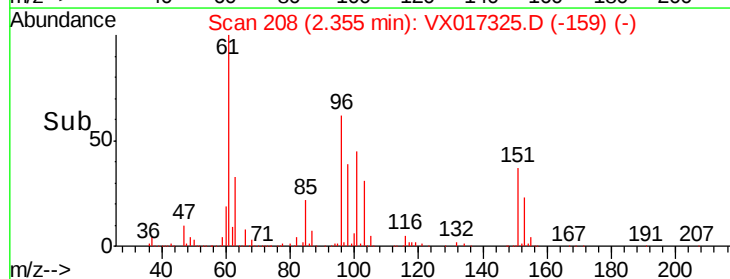
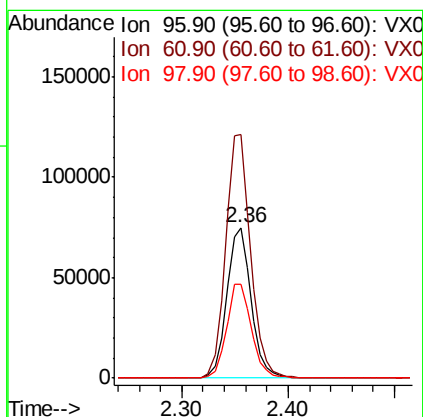
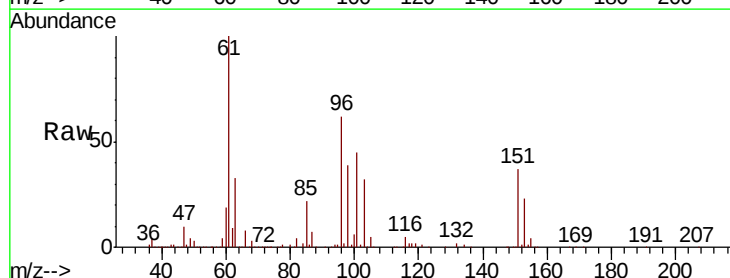
Instrument :
MSVOA_X
ClientSampleId :

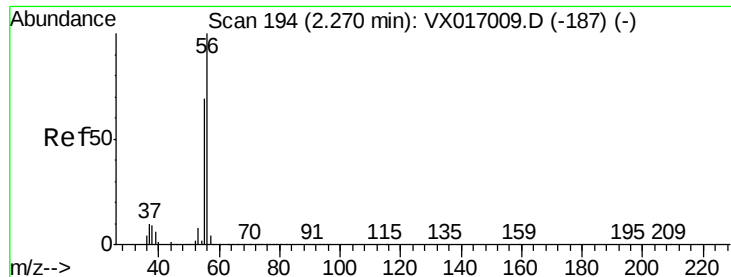
Tot Ion: 59 Resp: 150381
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 40.558 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

Tgt Ion: 96 Resp: 119643
Ion Ratio Lower Upper
96 100
61 161.9 126.3 189.5
98 62.5 51.0 76.6





#13

Acrolein

Concen: 182.490 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

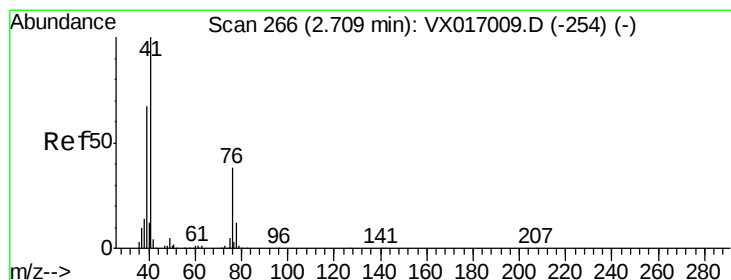
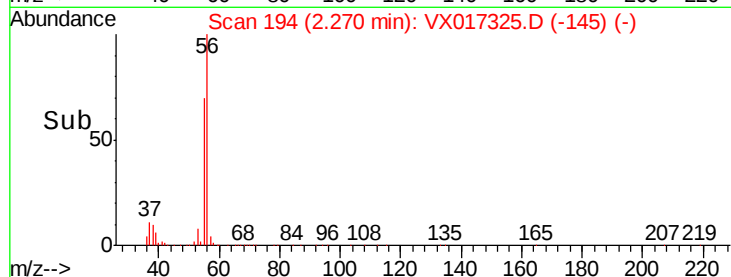
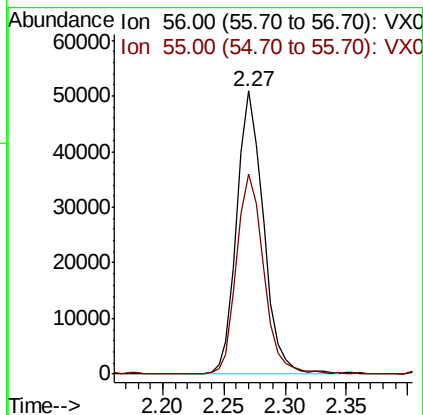
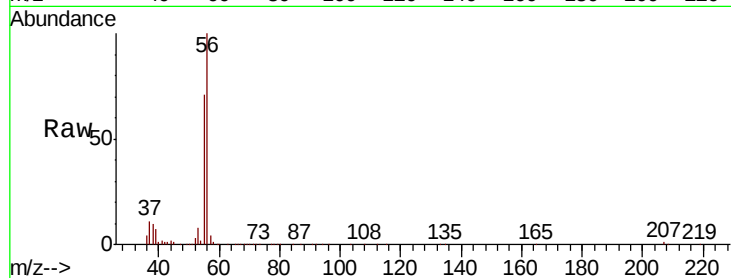
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 76496

Ion Ratio Lower Upper

56 100

55 72.0 55.7 83.5



#14

Allyl chloride

Concen: 41.880 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

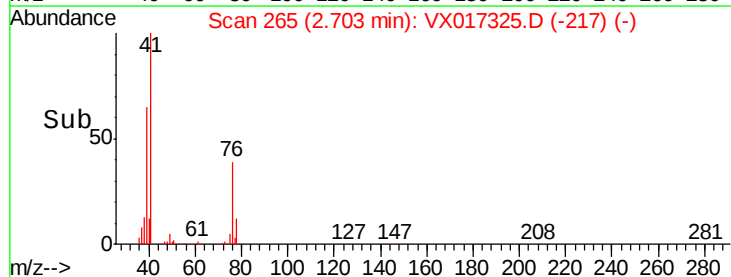
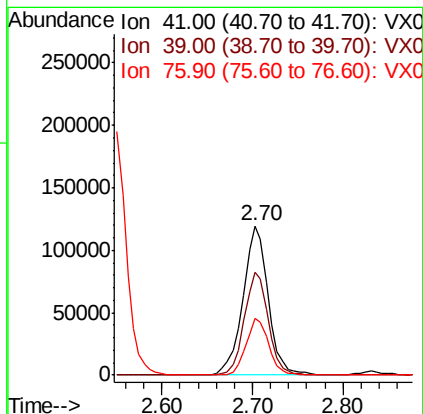
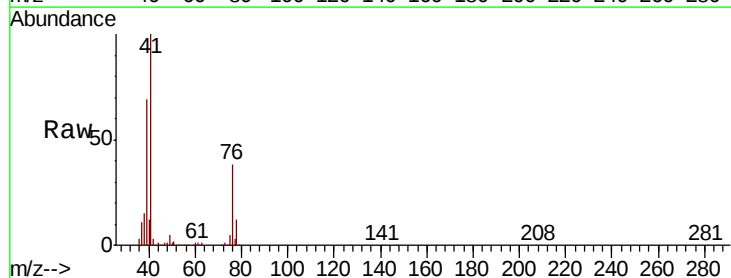
Tgt Ion: 41 Resp: 228316

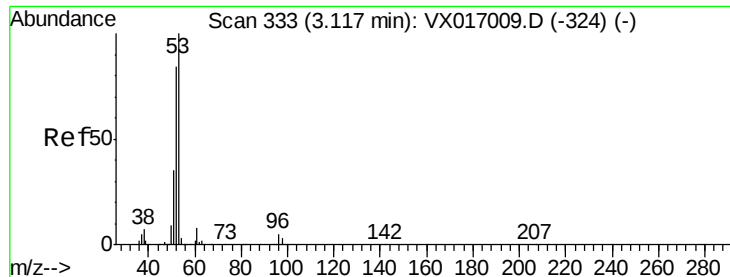
Ion Ratio Lower Upper

41 100

39 66.1 49.4 74.2

76 34.4 26.8 40.2





#15

Acrylonitrile

Concen: 220.273 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

ClientSampleId :

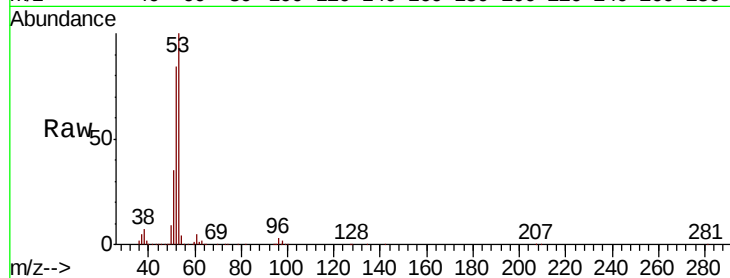
Tot Ion: 53 Resp: 371318

Ion Ratio Lower Upper

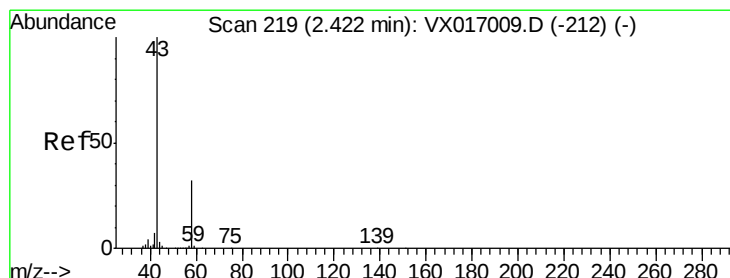
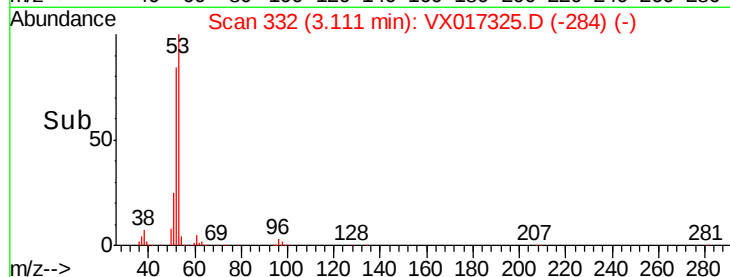
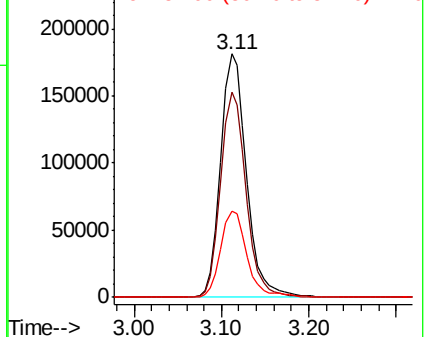
53 100

52 83.0 65.6 98.4

51 36.3 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 211.376 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017325.D

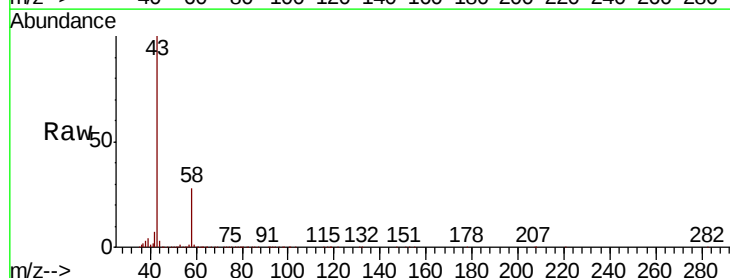
Acq: 10 Jul 2020 10:53

Tgt Ion: 43 Resp: 290655

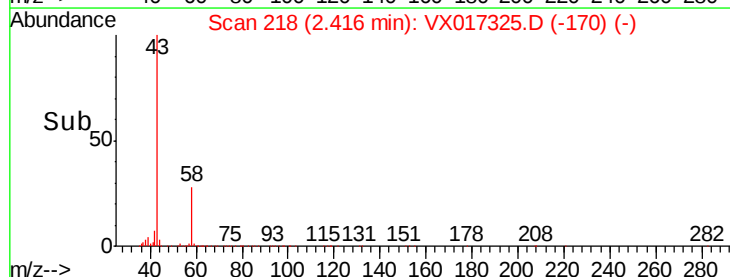
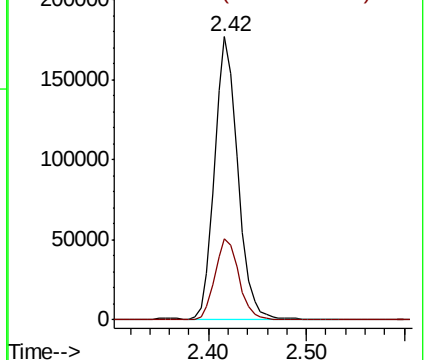
Ion Ratio Lower Upper

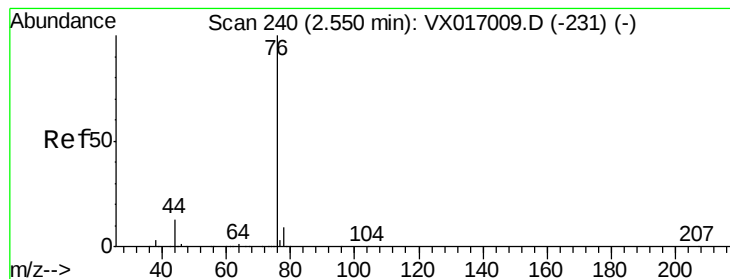
43 100

58 28.4 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 40.802 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

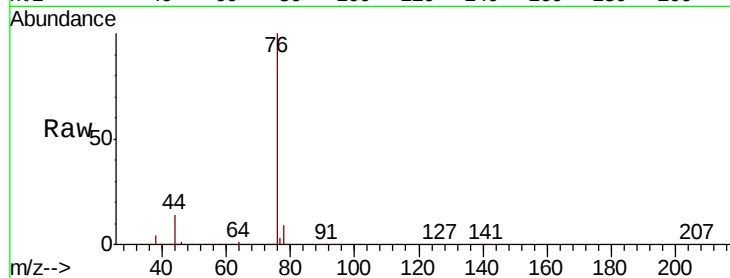
ClientSampleId :

Tot Ion: 76 Resp: 335841

Ion Ratio Lower Upper

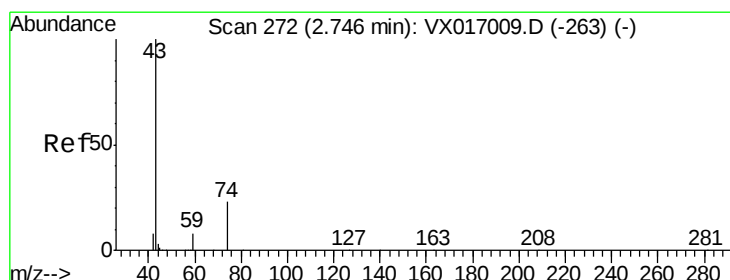
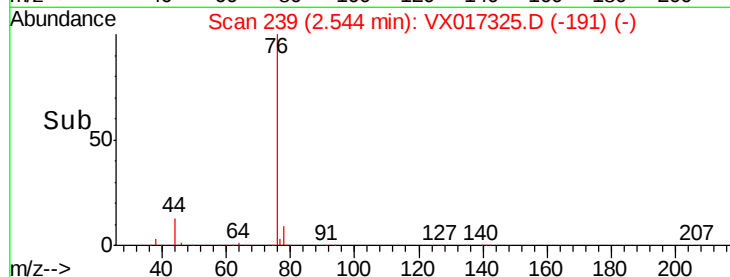
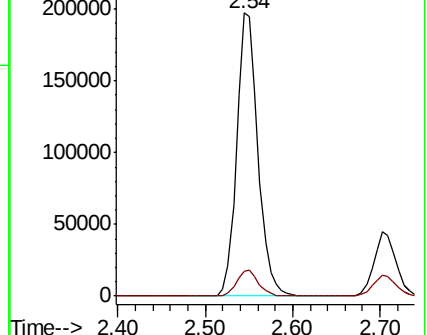
76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.649 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX017325.D

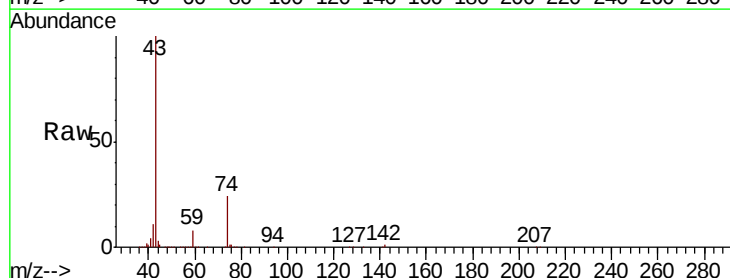
Acq: 10 Jul 2020 10:53

Tgt Ion: 43 Resp: 171041

Ion Ratio Lower Upper

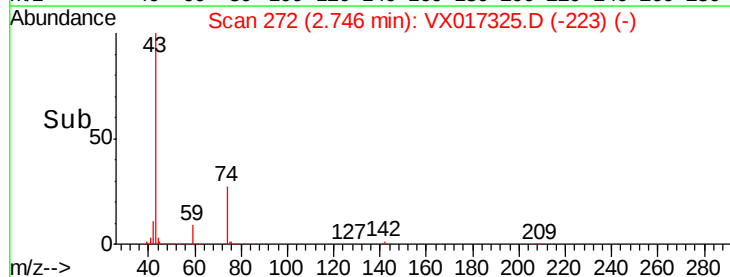
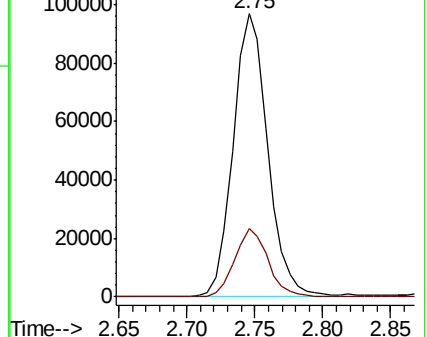
43 100

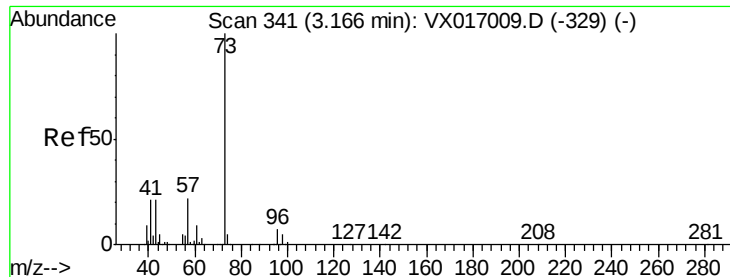
74 23.7 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



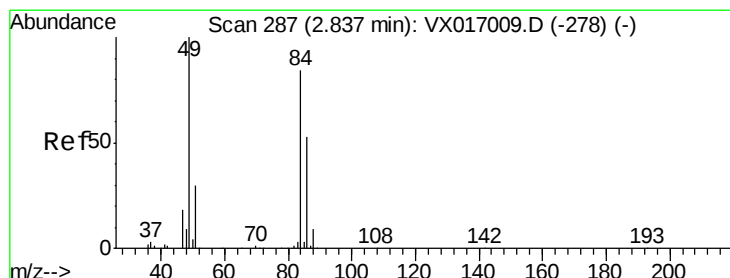
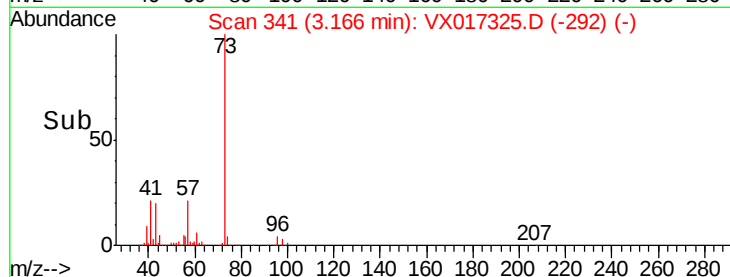
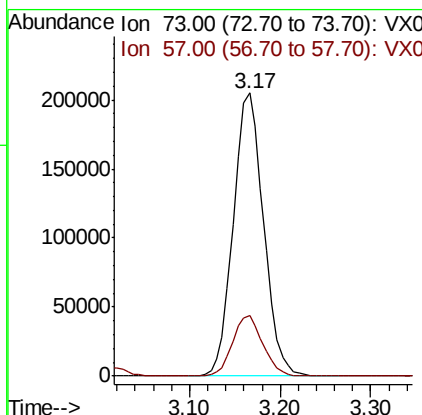
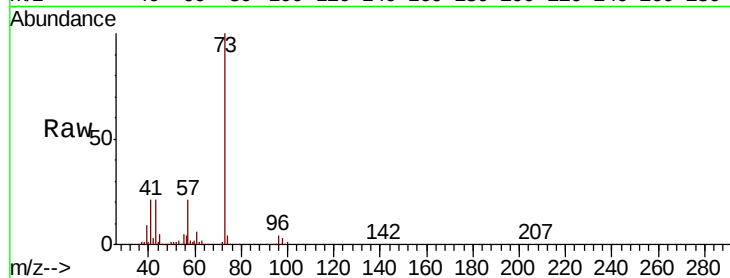


#19

Methyl tert-butyl Ether
 Concen: 48.023 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017325.D
 Acq: 10 Jul 2020 10:53

Instrument :
 MSVOA_X
 ClientSampleId :

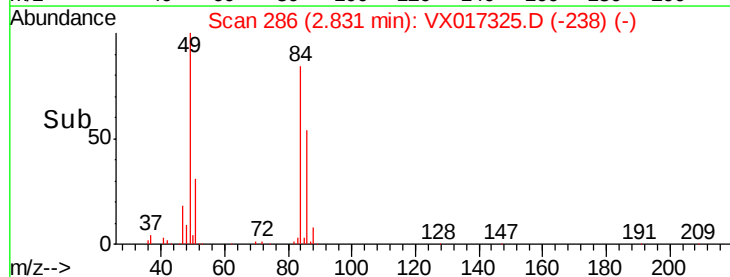
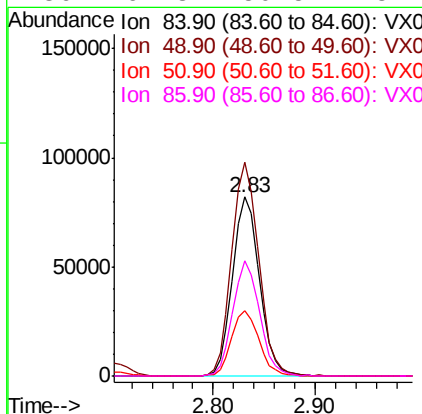
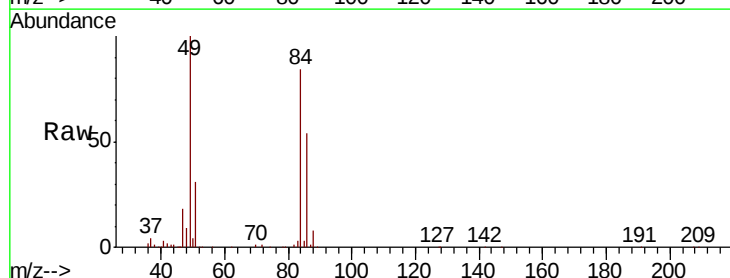
Tot Ion: 73 Resp: 475453
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.6 26.4

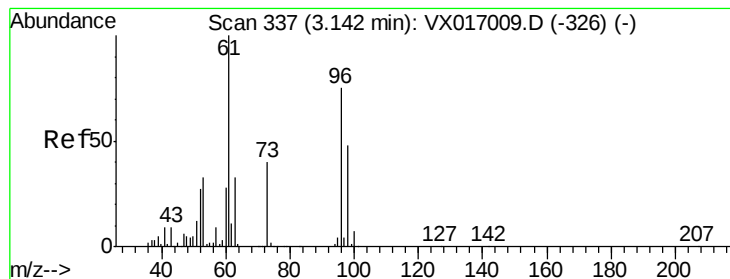


#20

Methylene Chloride
 Concen: 47.536 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017325.D
 Acq: 10 Jul 2020 10:53

Tgt Ion: 84 Resp: 150033
 Ion Ratio Lower Upper
 84 100
 49 119.5 94.7 142.1
 51 36.8 28.6 42.8
 86 64.3 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 45.022 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

ClientSampled :

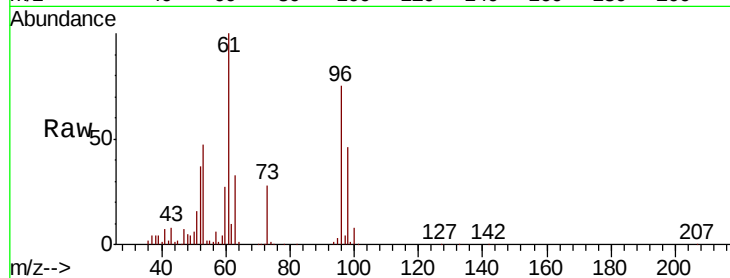
Tot Ion: 96 Resp: 147386

Ion Ratio Lower Upper

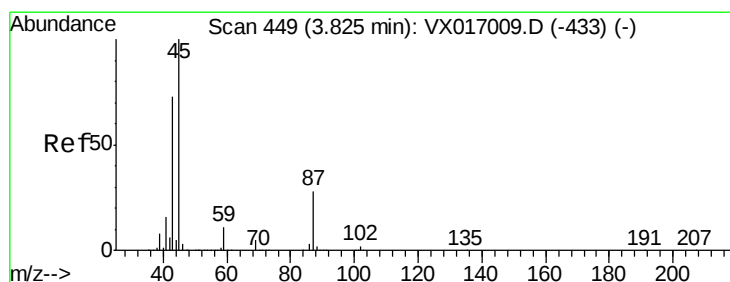
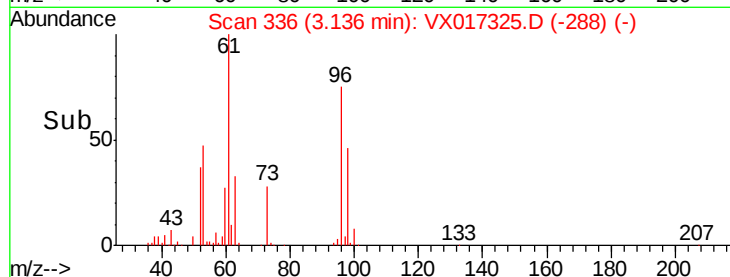
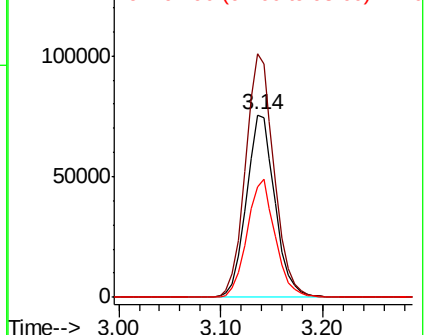
96 100

61 133.5 107.0 160.6

98 60.9 51.6 77.4



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



#22

Diisopropyl ether

Concen: 46.784 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Tgt Ion: 45 Resp: 472059

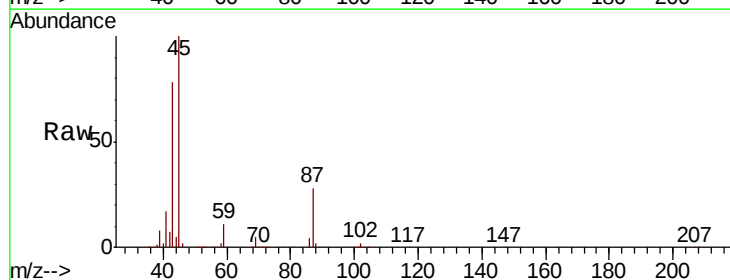
Ion Ratio Lower Upper

45 100

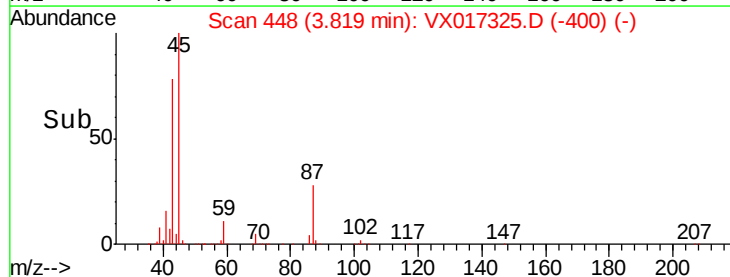
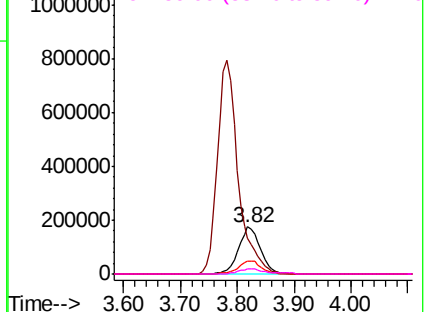
43 77.5 58.6 88.0

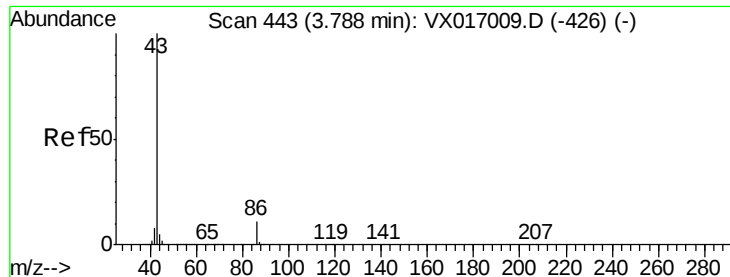
87 27.8 22.6 34.0

59 11.4 8.7 13.1



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





#23

Vinyl Acetate

Concen: 232.517 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

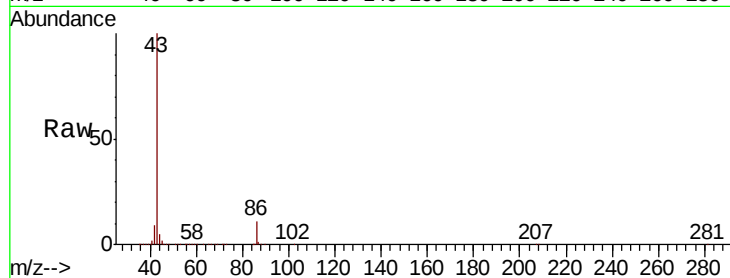
ClientSampleId :

Tot Ion: 43 Resp: 2016042

Ion Ratio Lower Upper

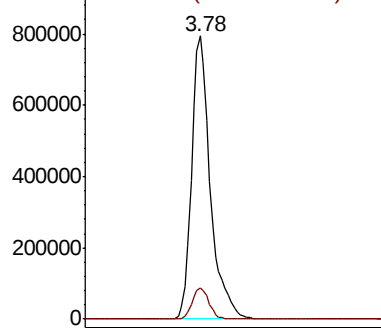
43 100

86 11.2 8.6 13.0

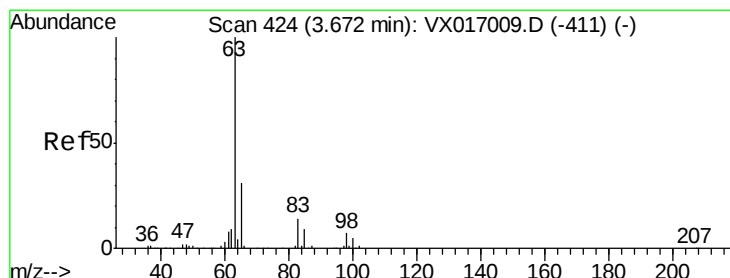
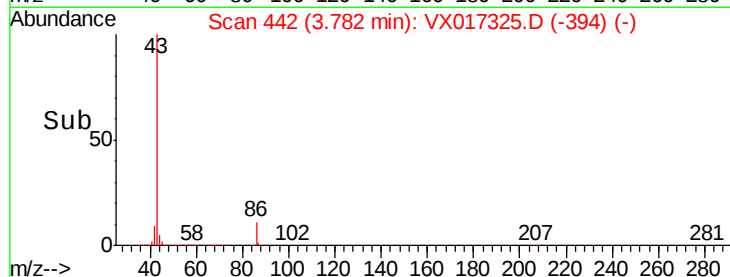


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 45.419 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

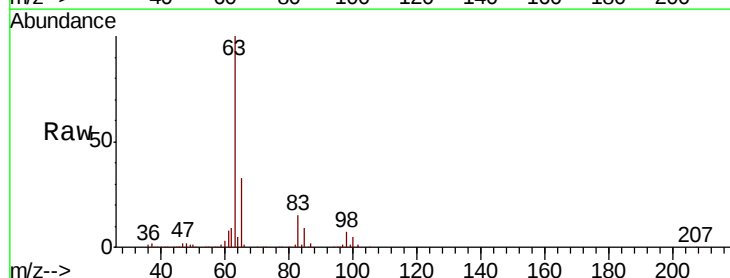
Tgt Ion: 63 Resp: 260760

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

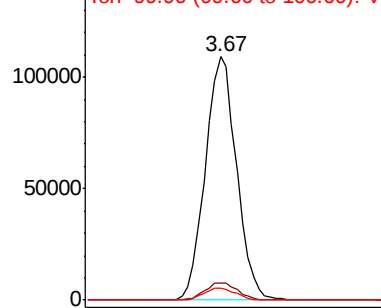
100 4.9 2.4 7.1



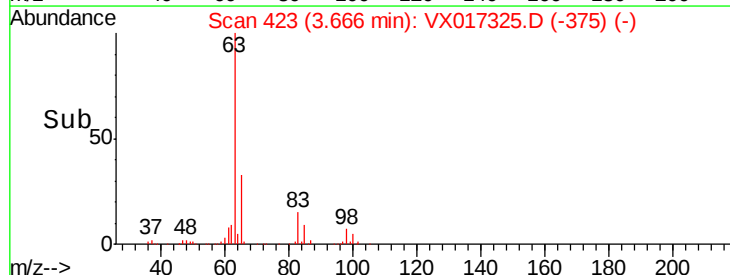
Abundance Ion 62.90 (62.60 to 63.60): VX0

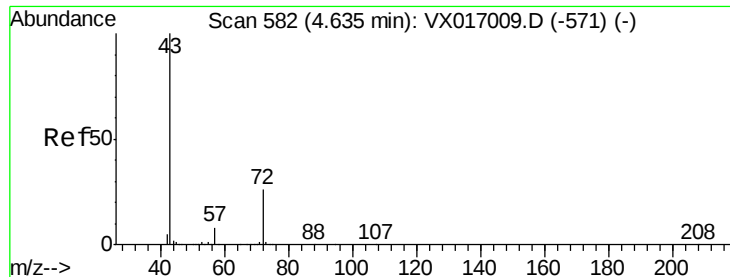
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 213.874 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

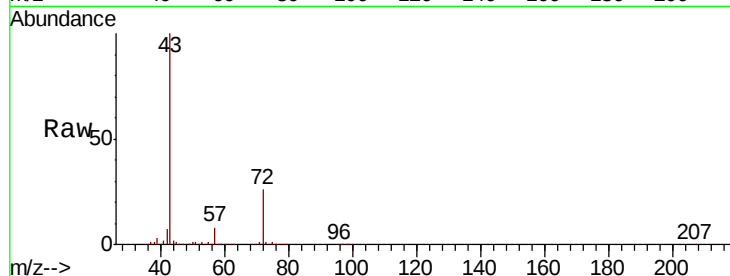
ClientSampleId :

Tot Ion: 43 Resp: 490032

Ion Ratio Lower Upper

43 100

72 25.9 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.63

200000

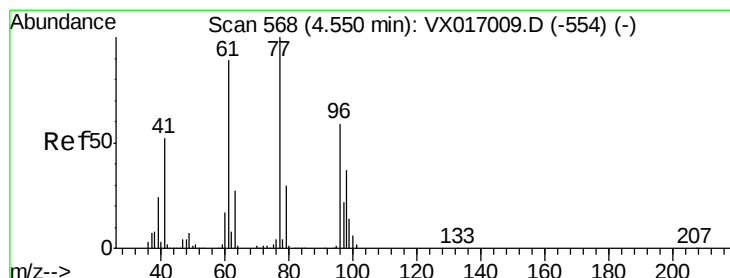
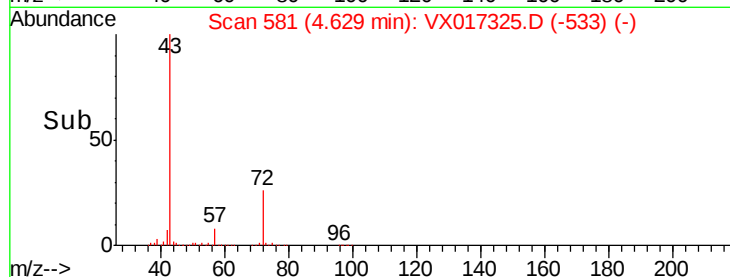
150000

100000

50000

0

Time--> 4.50 4.60 4.70



#26

2,2-Dichloropropane

Concen: 48.616 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017325.D

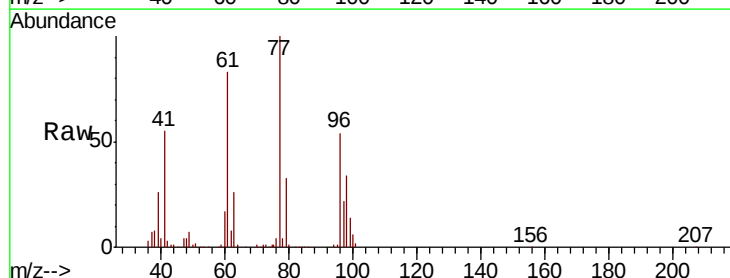
Acq: 10 Jul 2020 10:53

Tgt Ion: 77 Resp: 247830

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.54

80000

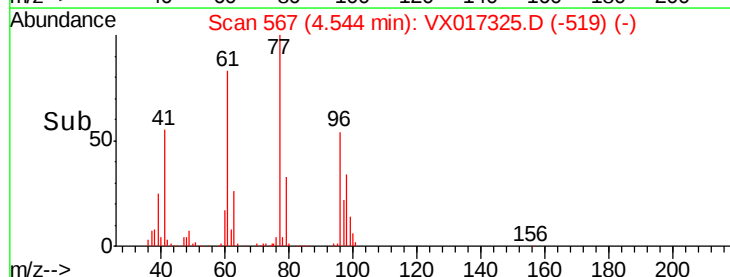
60000

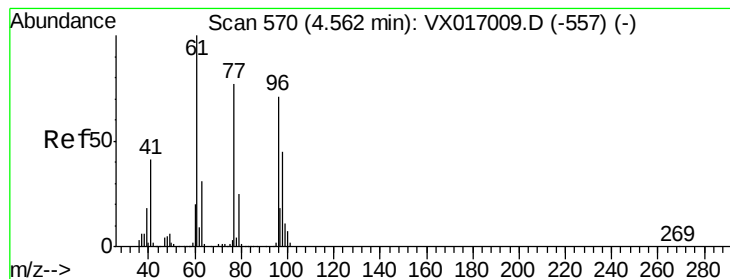
40000

20000

0

Time--> 4.40 4.50 4.60 4.70



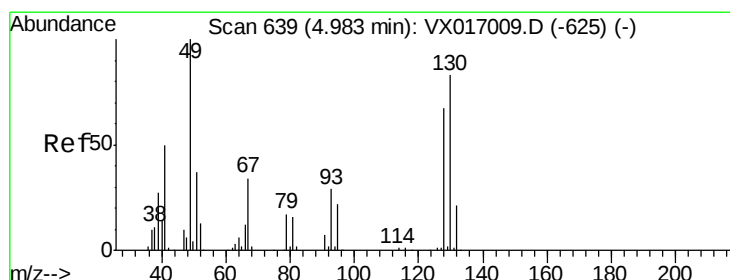
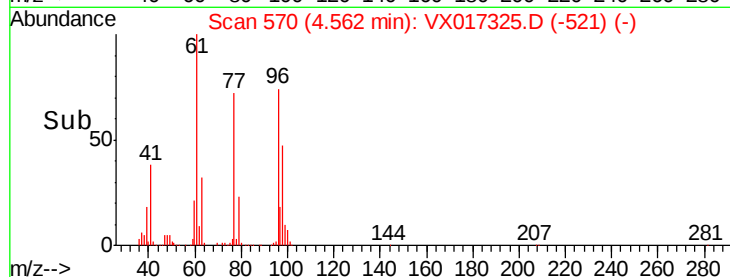
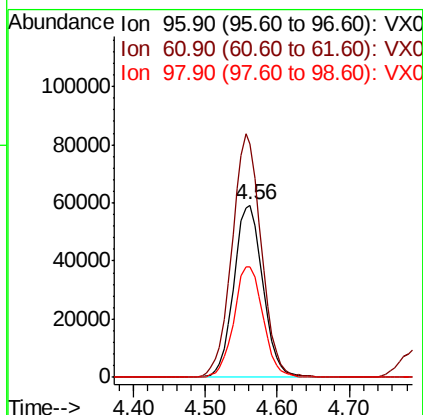
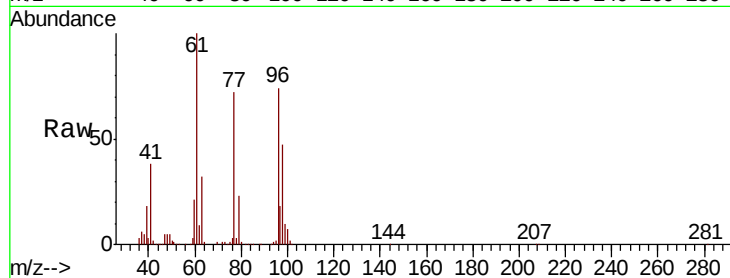


#27

cis-1,2-Dichloroethene
Concen: 44.829 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

Instrument :
MSVOA_X
ClientSampled :

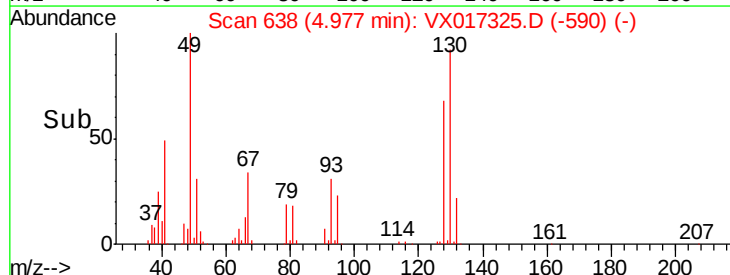
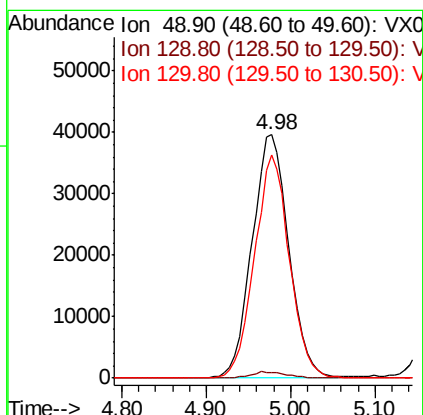
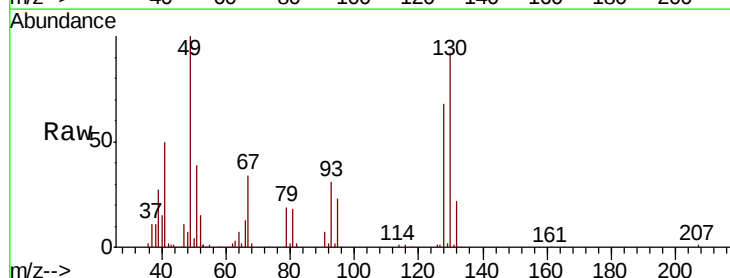
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	282.8
98	64.6	0.0	127.6

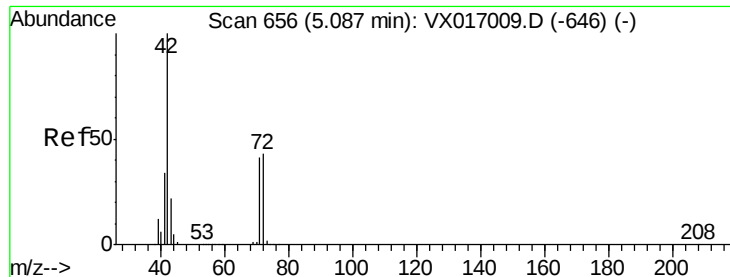


#28

Bromochloromethane
Concen: 42.204 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	87.6	66.6	100.0





#29

Tetrahydrofuran

Concen: 214.744 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

ClientSampled :

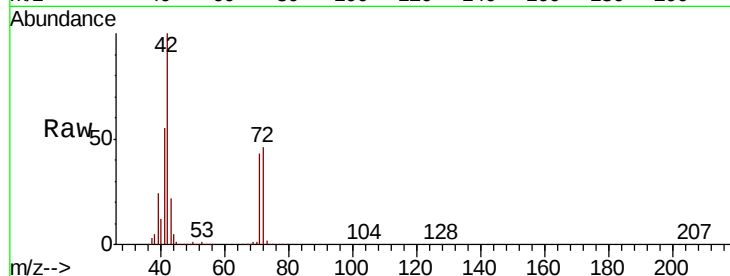
Tot Ion: 42 Resp: 325091

Ion Ratio Lower Upper

42 100

72 46.1 35.3 52.9

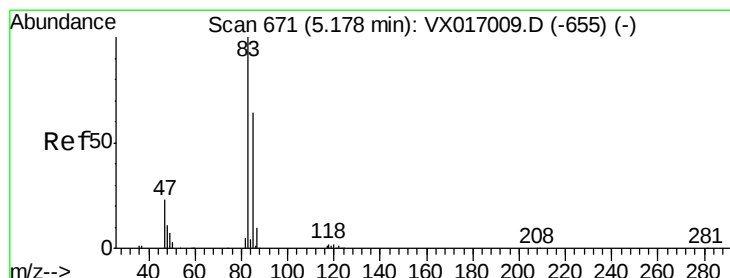
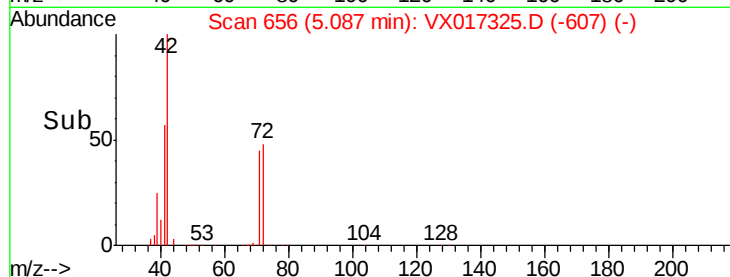
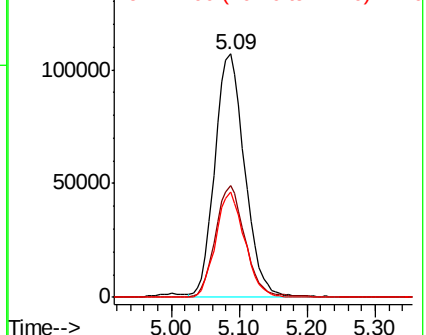
71 42.3 33.1 49.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.308 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX017325.D

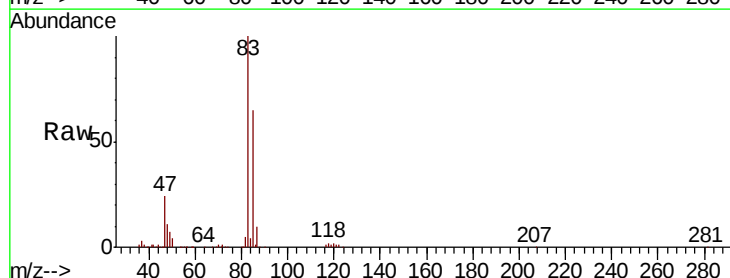
Acq: 10 Jul 2020 10:53

Tgt Ion: 83 Resp: 278421

Ion Ratio Lower Upper

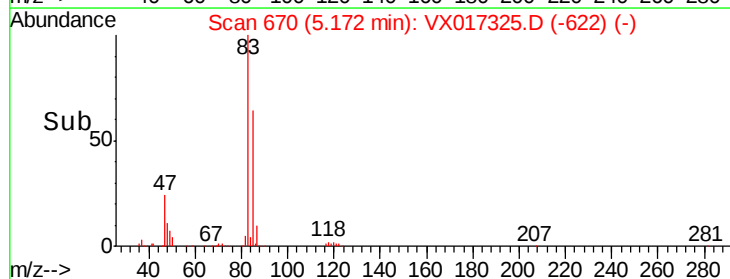
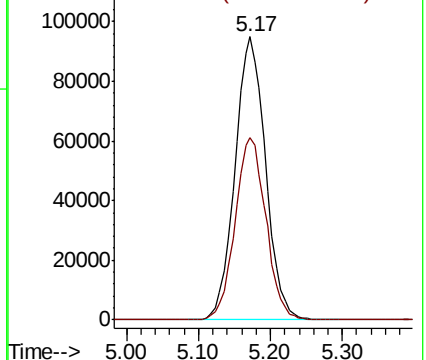
83 100

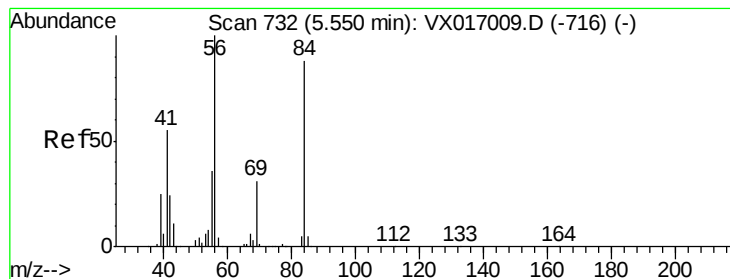
85 64.5 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 43.452 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

ClientSampleId :

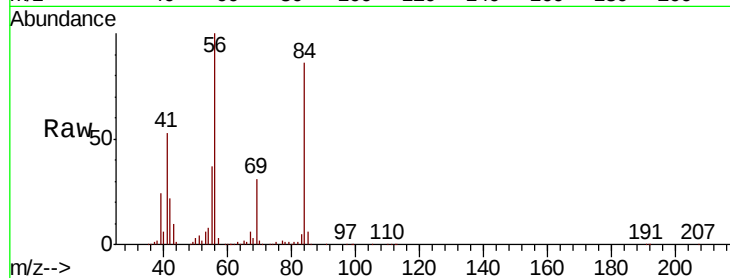
Tot Ion: 56 Resp: 215634

Ion Ratio Lower Upper

56 100

69 31.1 25.0 37.4

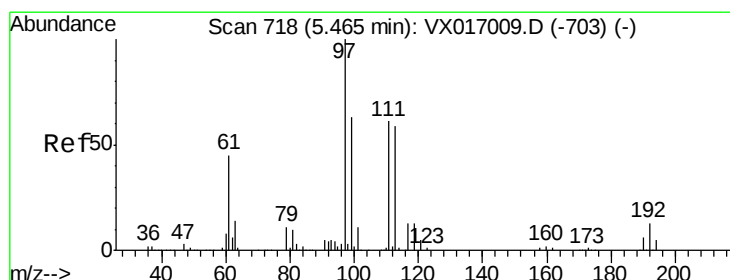
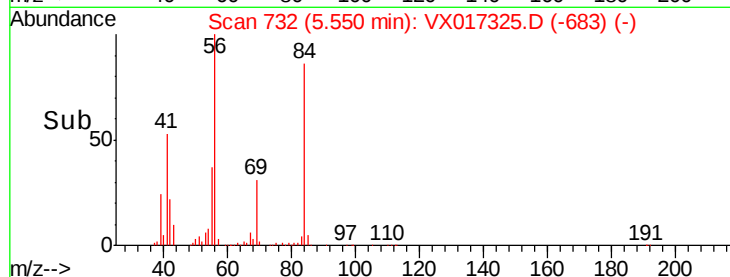
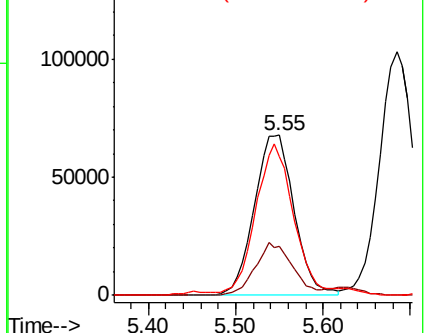
84 84.8 69.1 103.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 47.297 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

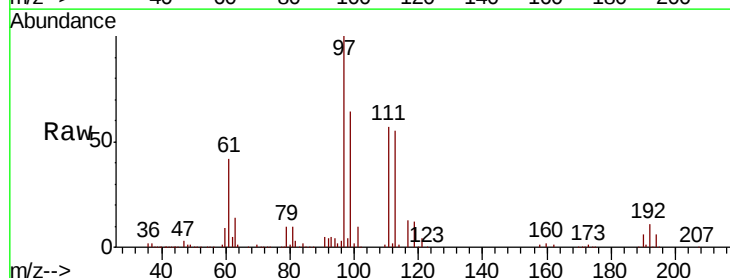
Tgt Ion: 97 Resp: 256356

Ion Ratio Lower Upper

97 100

99 65.5 50.8 76.2

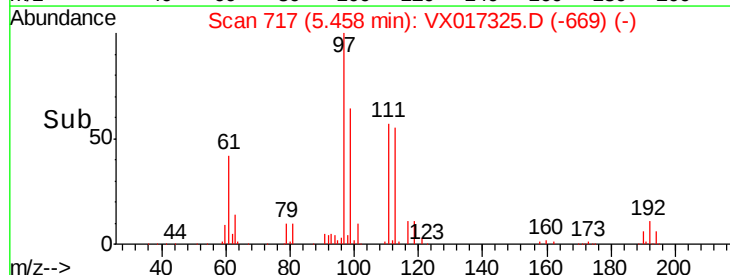
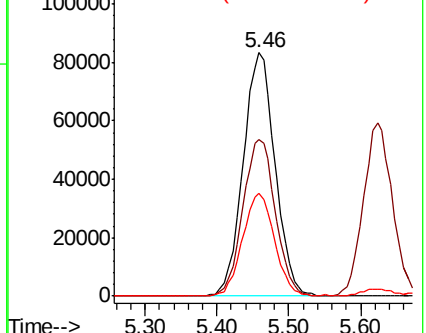
61 42.5 33.7 50.5

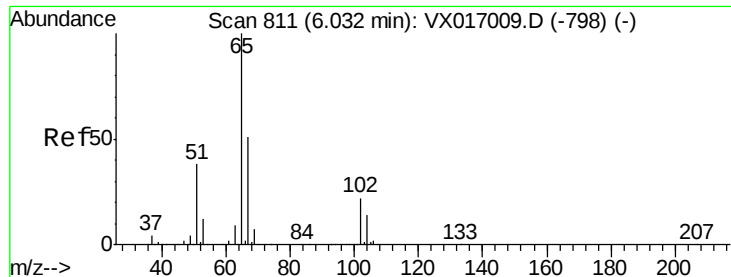


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.475 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

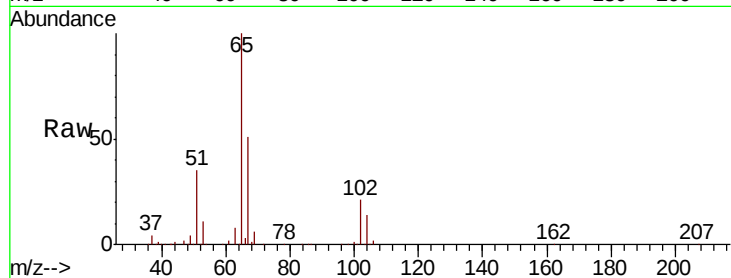
ClientSampleId :

Tot Ion: 65 Resp: 163478

Ion Ratio Lower Upper

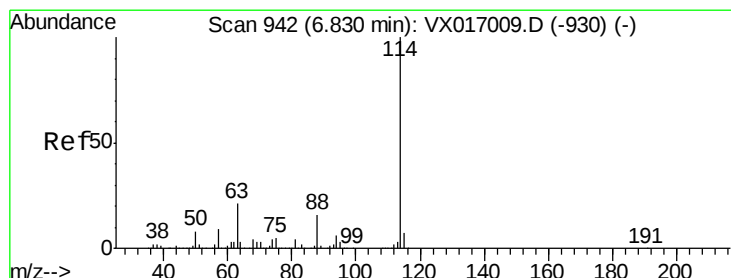
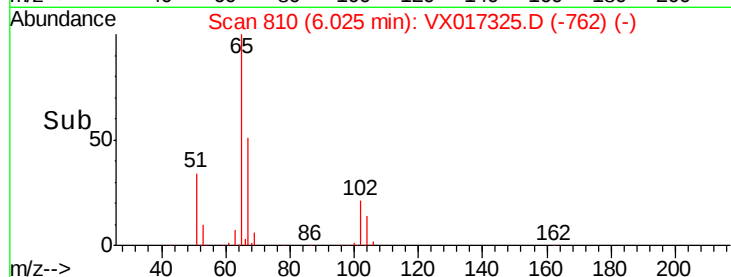
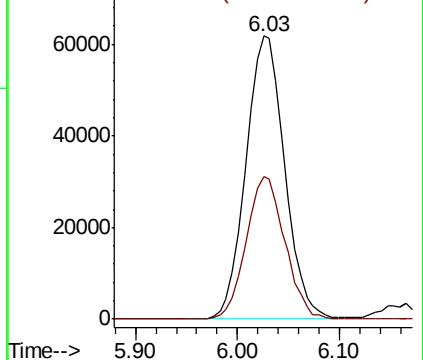
65 100

67 50.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

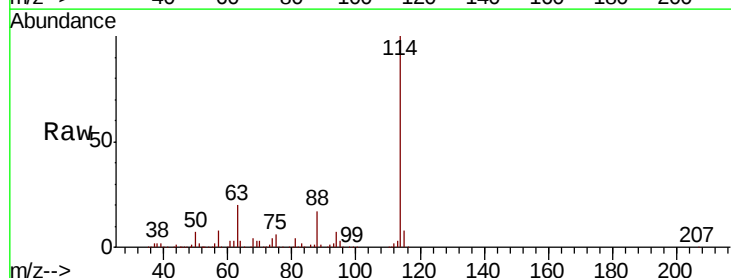
Tgt Ion: 114 Resp: 433148

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

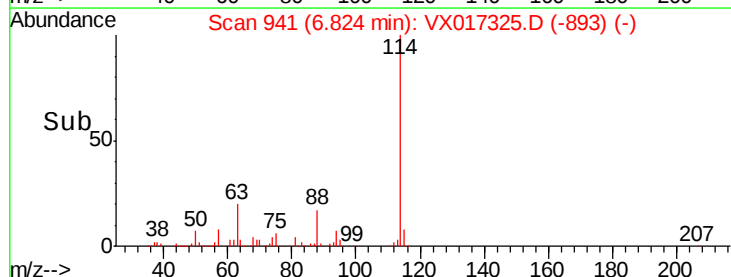
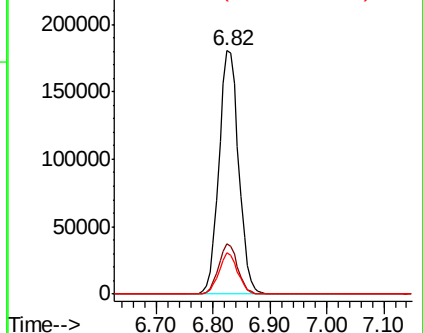
88 16.8 0.0 32.4

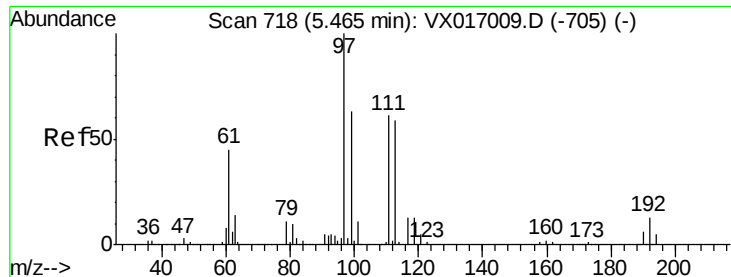


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

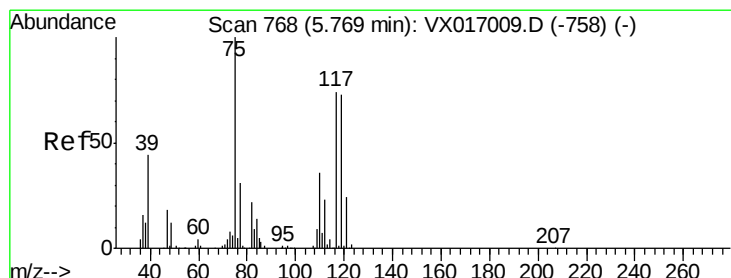
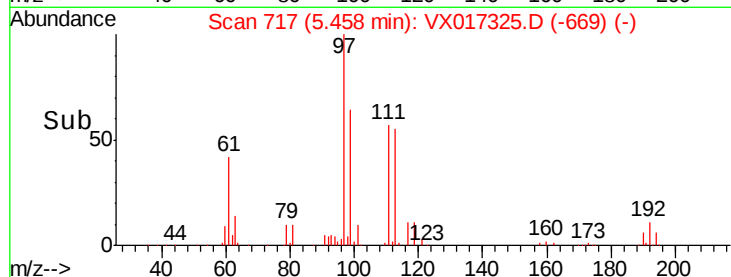
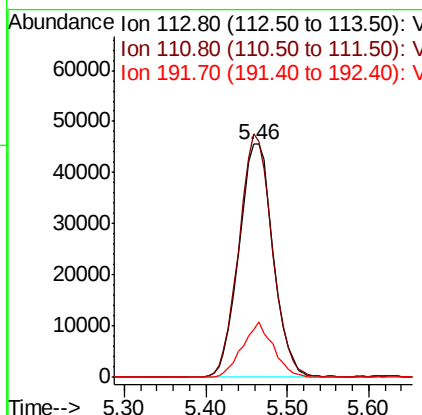
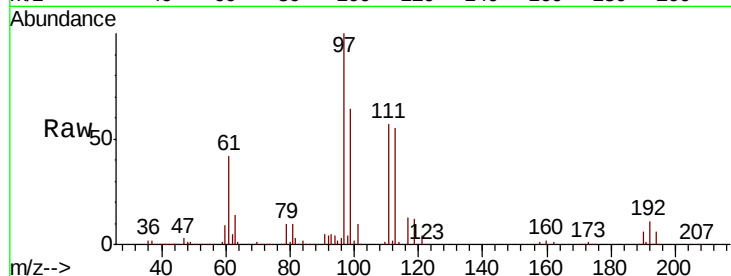




#35
 Dibromofluoromethane
 Concen: 48.702 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX017325.D
 Acq: 10 Jul 2020 10:53

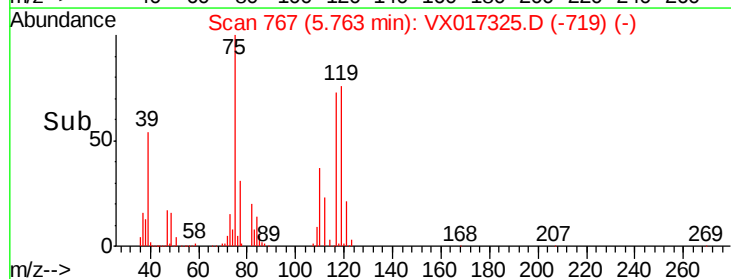
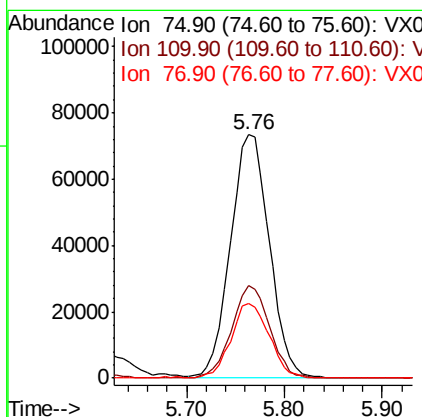
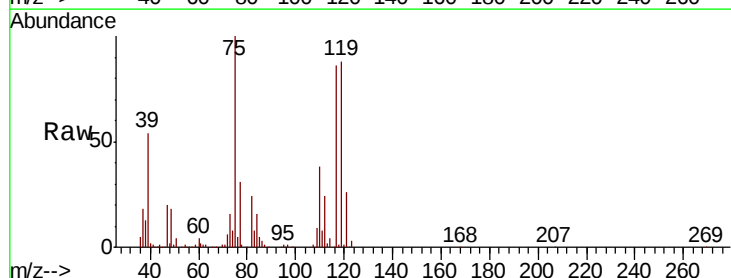
Instrument :
 MSVOA_X
 ClientSampled :

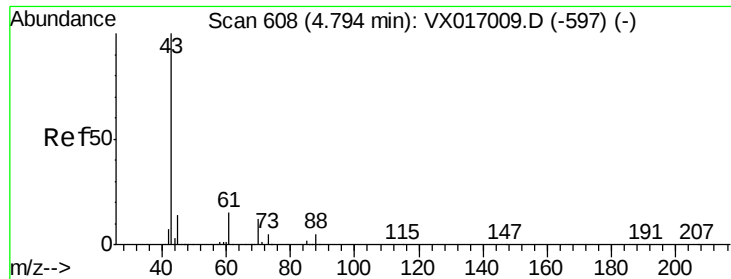
Tot Ion:113 Resp: 133442
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.9 122.9
 192 21.7 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 49.279 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX017325.D
 Acq: 10 Jul 2020 10:53

Tgt Ion: 75 Resp: 201739
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.1 54.1
 77 30.4 24.6 37.0

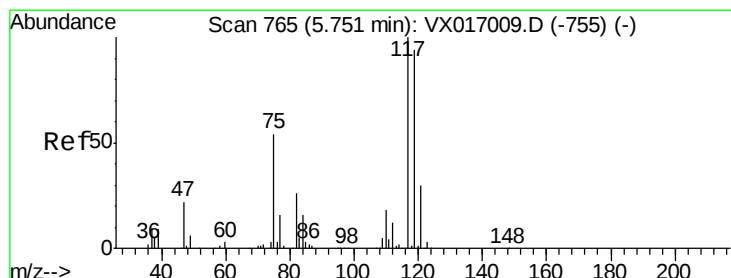
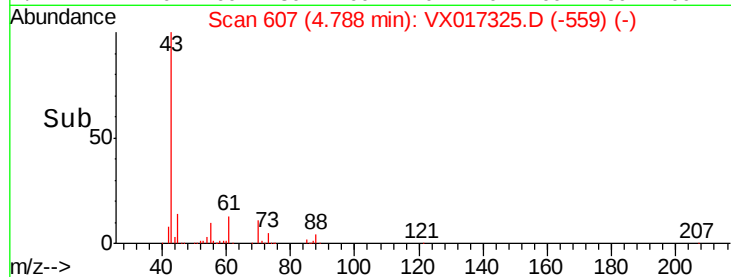
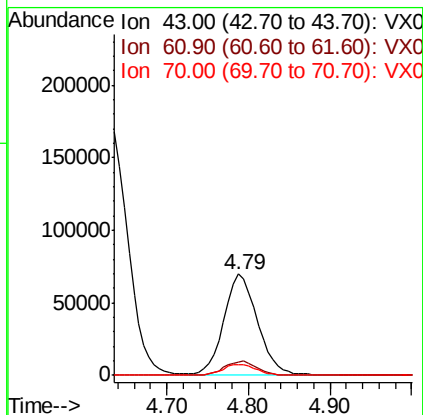
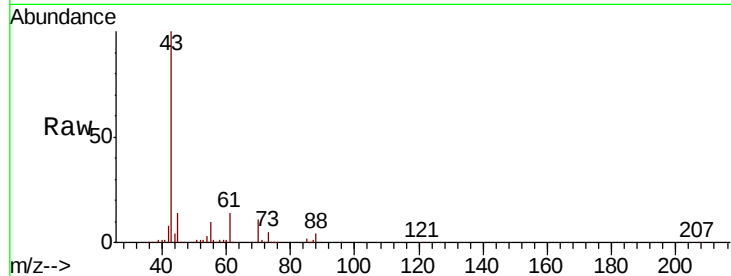




#37
Ethyl Acetate
Concen: 47.890 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

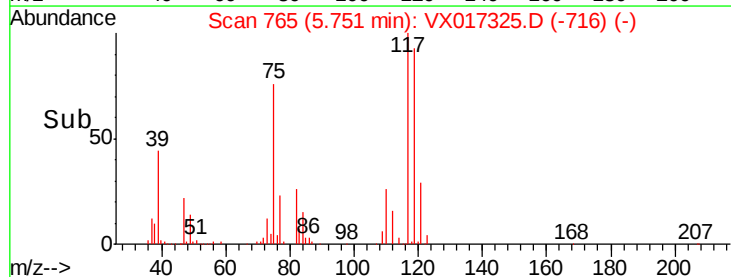
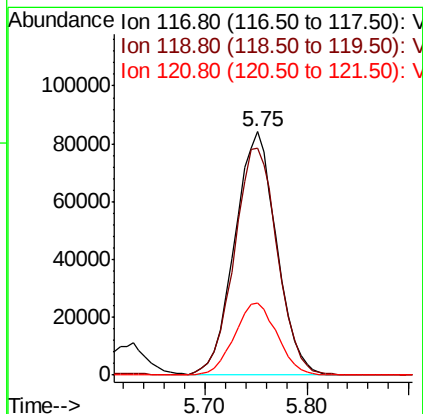
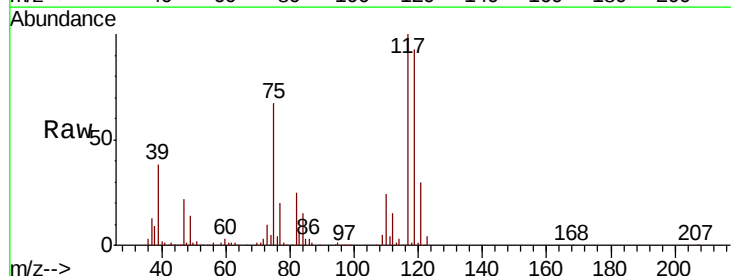
Instrument :
MSVOA_X
ClientSampleId :

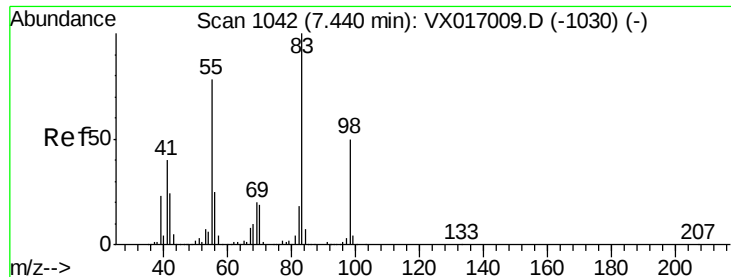
Tot Ion: 43 Resp: 198917
Ion Ratio Lower Upper
43 100
61 14.3 11.0 16.4
70 11.2 8.9 13.3



#38
Carbon Tetrachloride
Concen: 52.938 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

Tgt Ion: 117 Resp: 238698
Ion Ratio Lower Upper
117 100
119 93.3 75.4 113.0
121 29.5 23.8 35.6

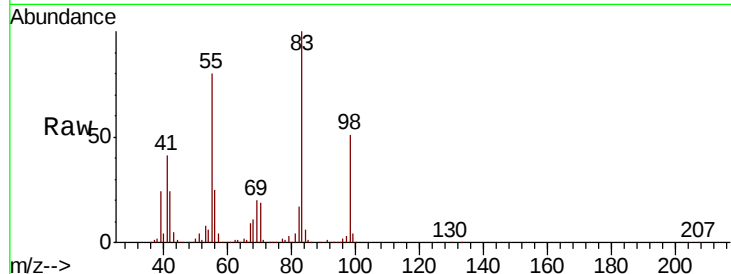




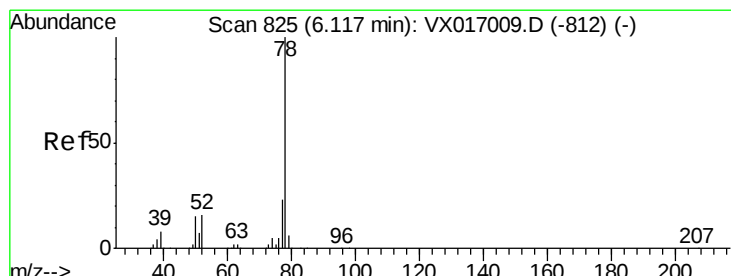
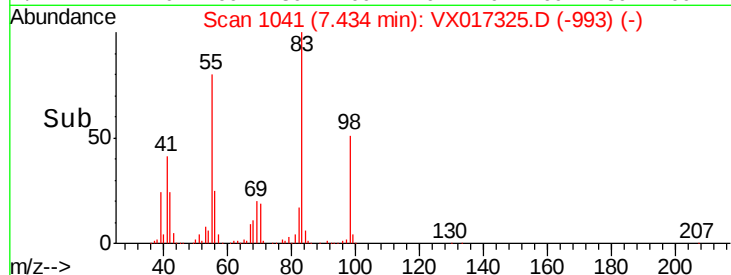
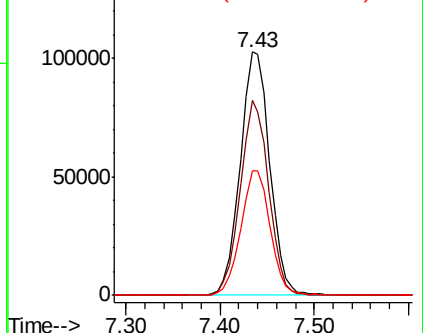
#39
Methvlcvclohexane
Concen: 49.268 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 224409
Ion Ratio Lower Upper
83 100
55 80.2 62.5 93.7
98 51.0 40.1 60.1

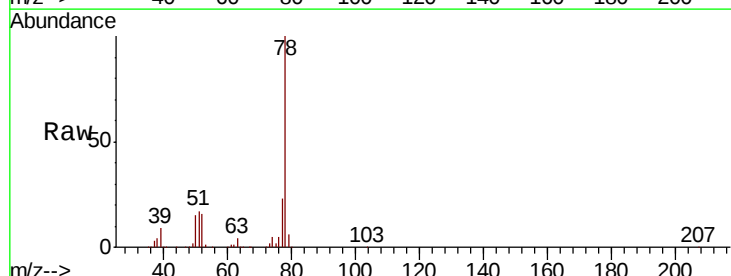


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

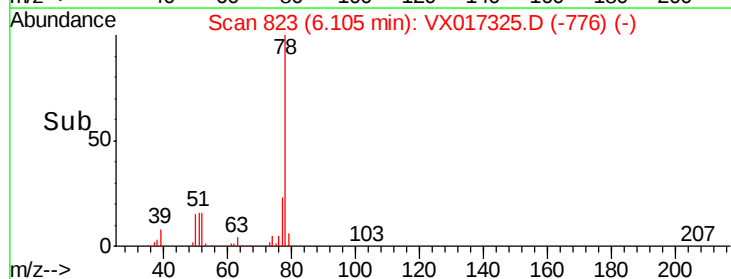
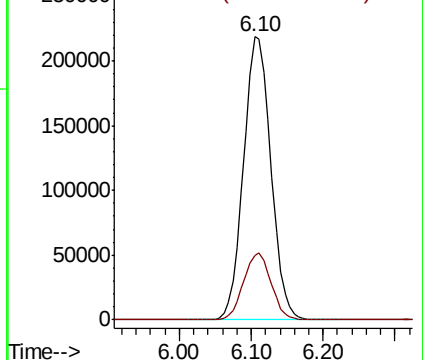


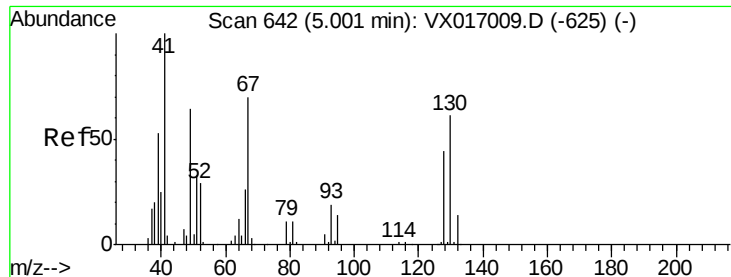
#40
Benzene
Concen: 47.964 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

Tgt Ion: 78 Resp: 576925
Ion Ratio Lower Upper
78 100
77 23.0 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

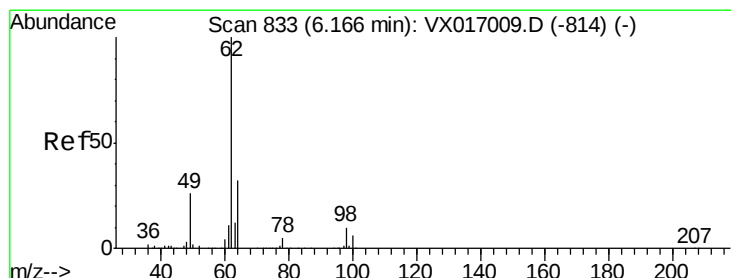
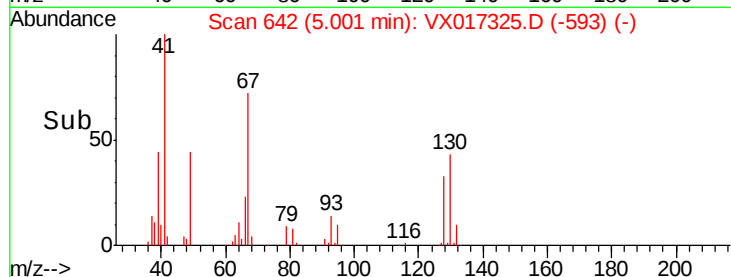
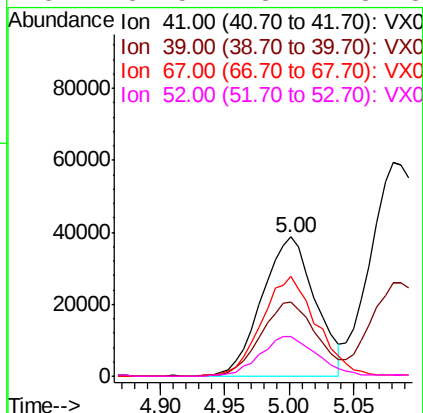
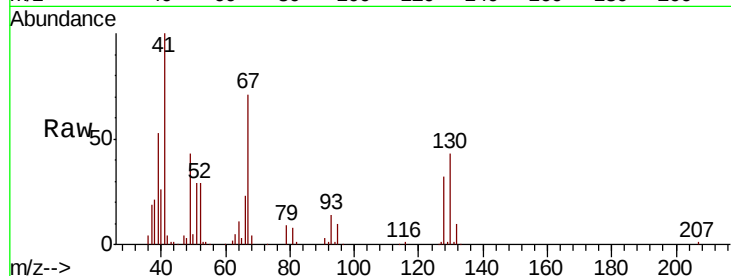




#41
Methacrylonitrile
Concen: 47.486 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

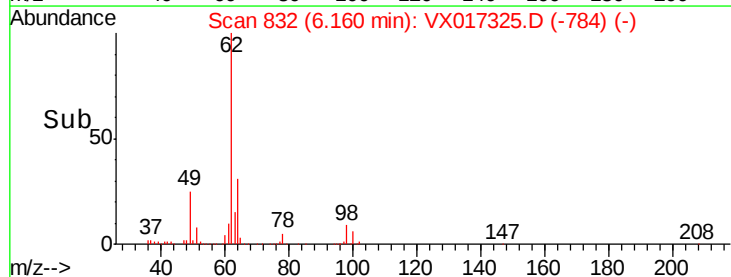
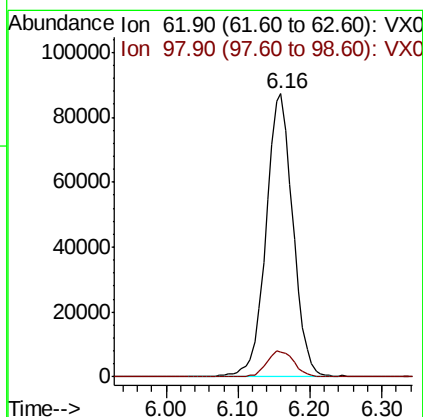
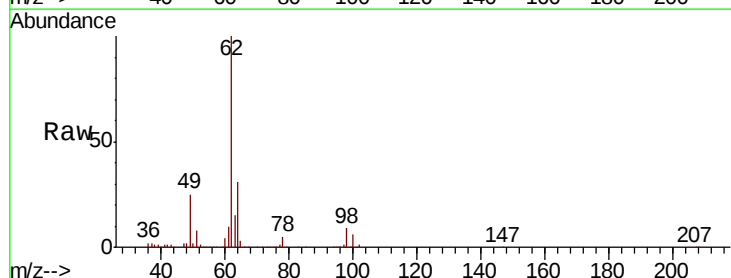
Instrument :
MSVOA_X
ClientSampleId :

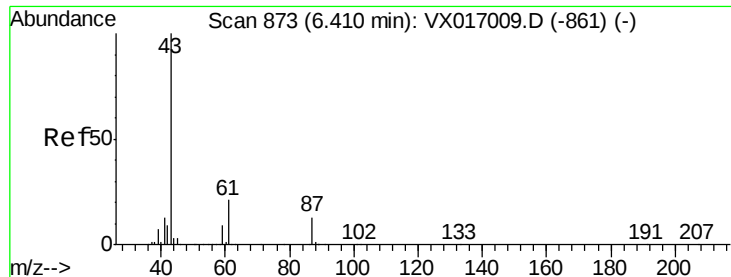
Tot Ion: 41 Resp: 111011
Ion Ratio Lower Upper
41 100
39 56.0 44.4 66.6
67 74.0 57.1 85.7
52 31.5 23.2 34.8



#42
1,2-Dichloroethane
Concen: 51.896 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

Tgt Ion: 62 Resp: 225470
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.2





#43

Isopropyl Acetate

Concen: 48.033 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.00 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

ClientSampleId :

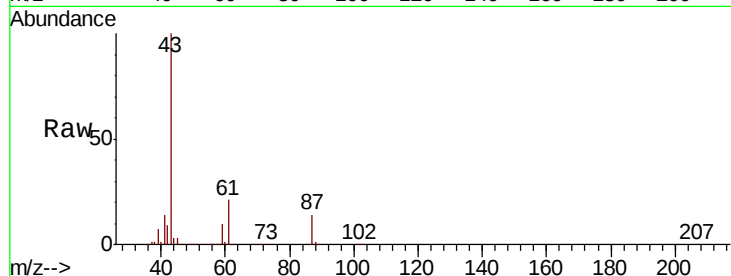
Tot Ion: 43 Resp: 331525

Ion Ratio Lower Upper

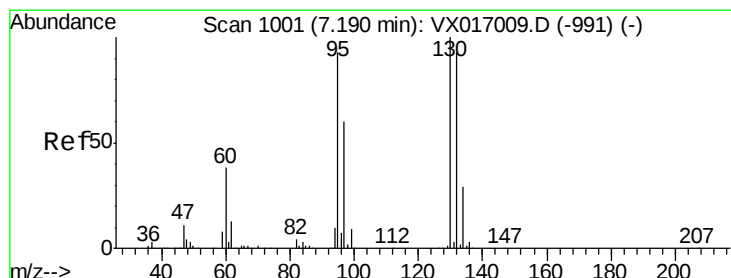
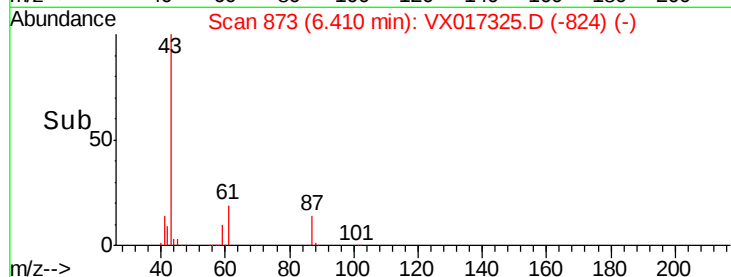
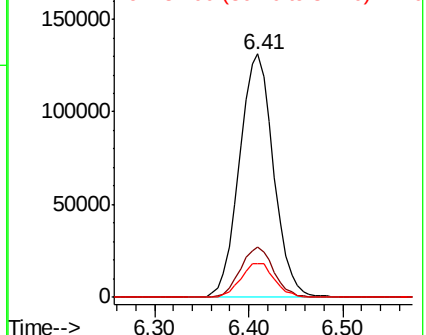
43 100

61 20.2 16.2 24.2

87 14.2 10.7 16.1



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



#44

Trichloroethene

Concen: 53.047 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017325.D

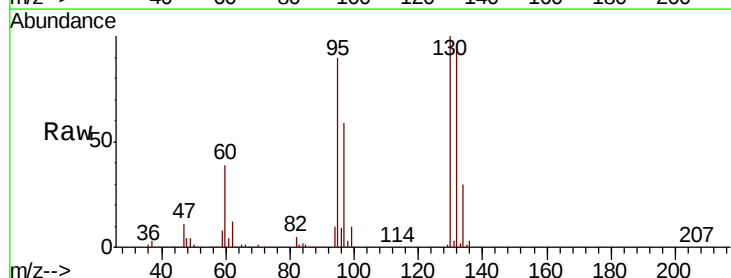
Acq: 10 Jul 2020 10:53

Tgt Ion:130 Resp: 176008

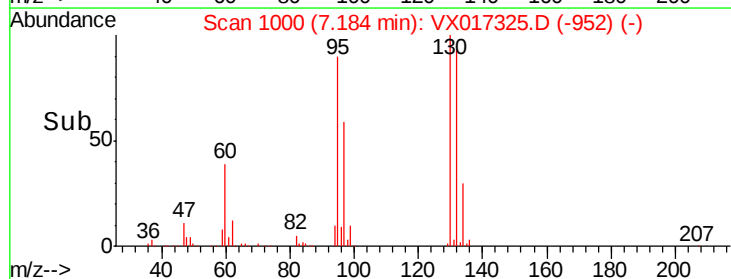
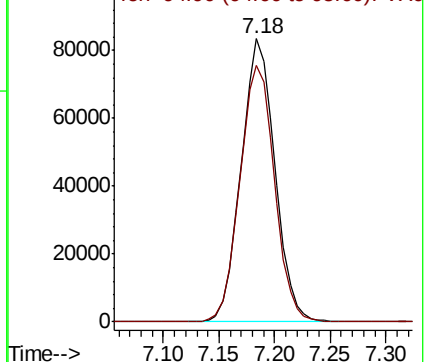
Ion Ratio Lower Upper

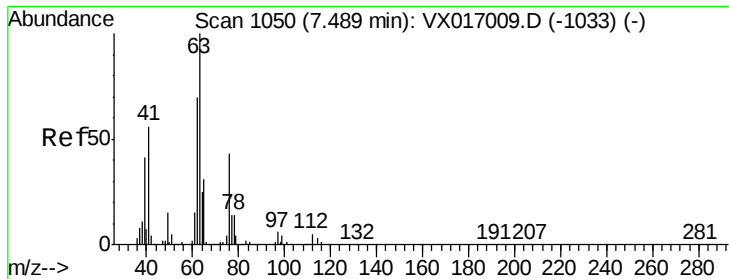
130 100

95 90.5 0.0 185.0



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





#45

1,2-Dichloropropane

Concen: 49.247 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

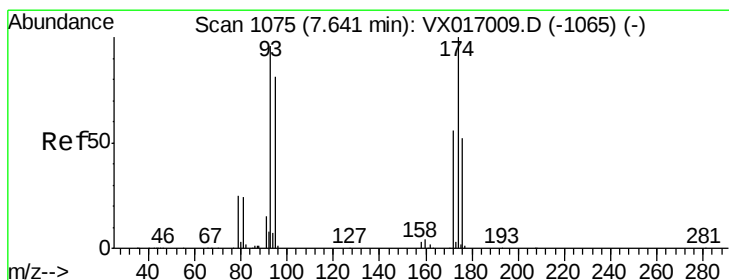
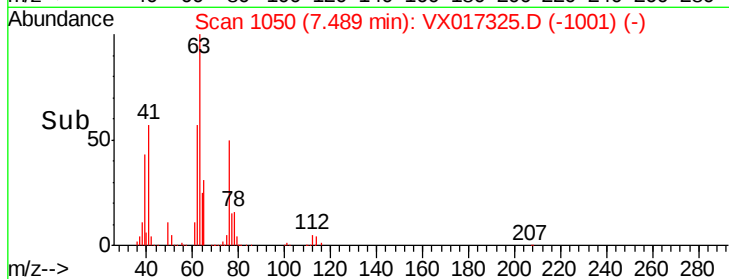
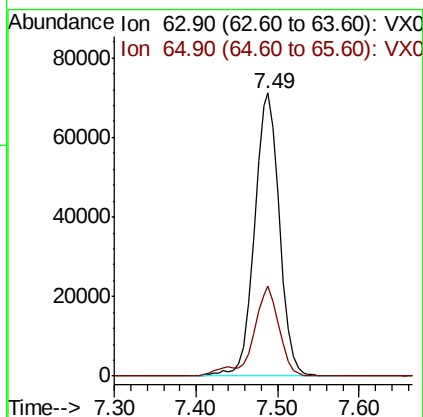
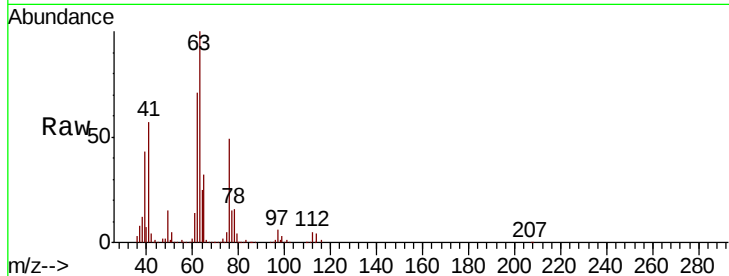
ClientSampleId :

Tot Ion: 63 Resp: 152140

Ion Ratio Lower Upper

63 100

65 32.0 24.6 36.8



#46

Dibromomethane

Concen: 50.591 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

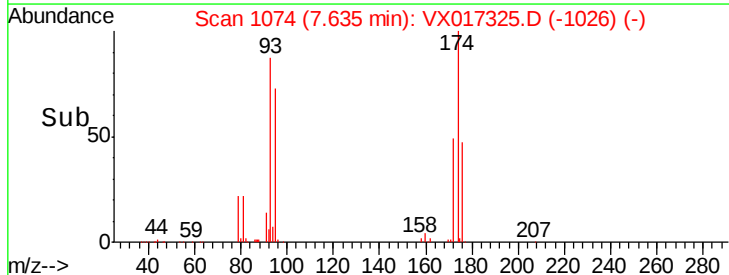
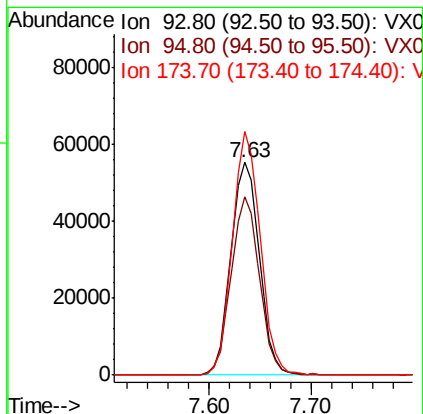
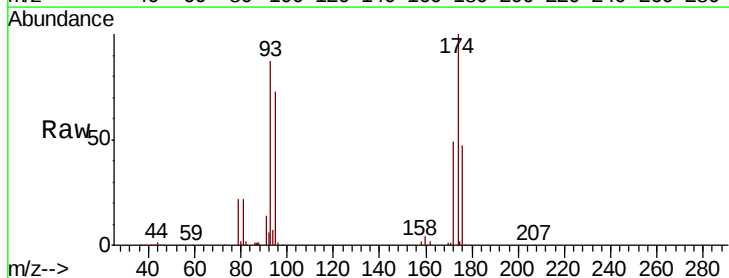
Tgt Ion: 93 Resp: 106704

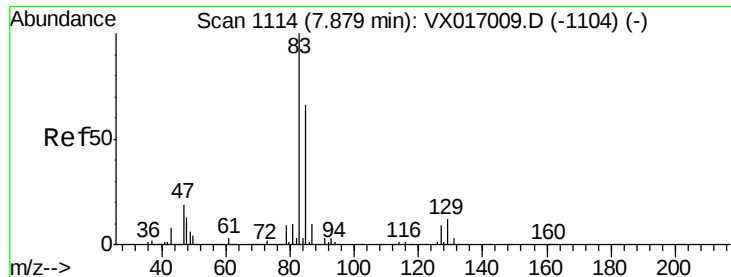
Ion Ratio Lower Upper

93 100

95 83.2 67.4 101.0

174 111.5 84.3 126.5





#47

Bromodichloromethane

Concen: 52.399 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

ClientSampleId :

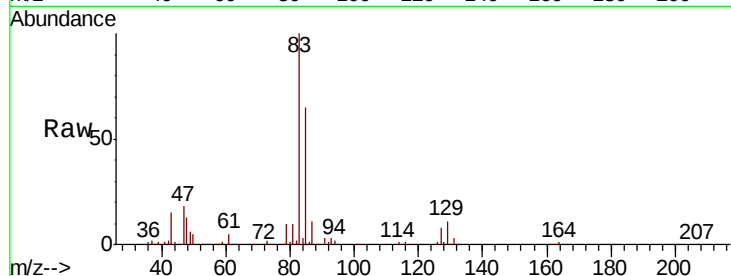
Tot Ion: 83 Resp: 227759

Ion Ratio Lower Upper

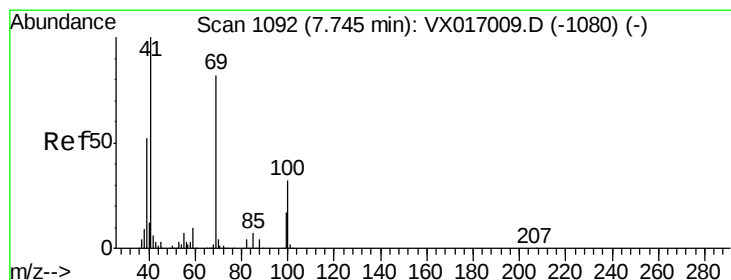
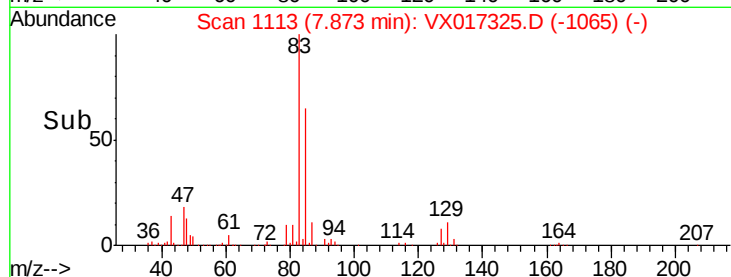
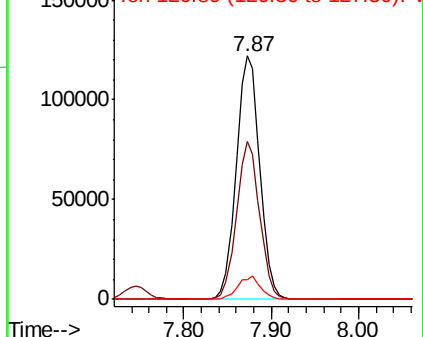
83 100

85 64.8 53.0 79.4

127 8.3 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.280 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

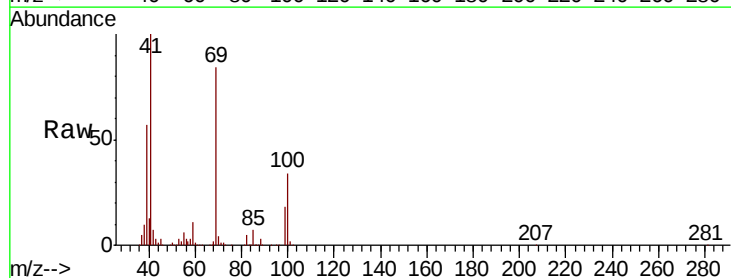
Tgt Ion: 41 Resp: 164874

Ion Ratio Lower Upper

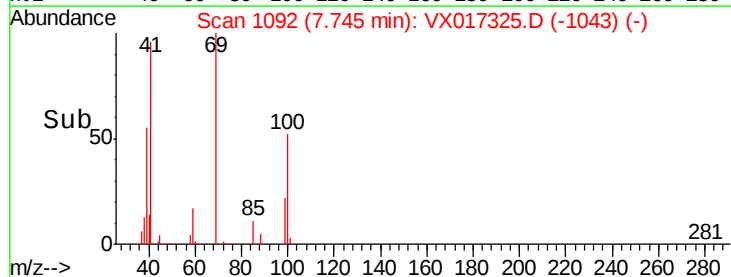
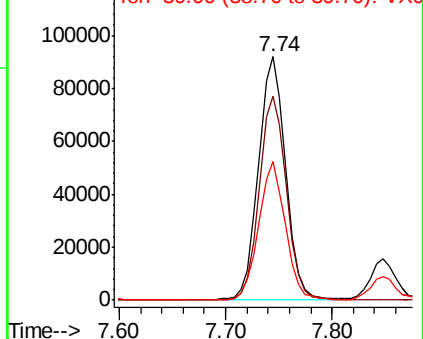
41 100

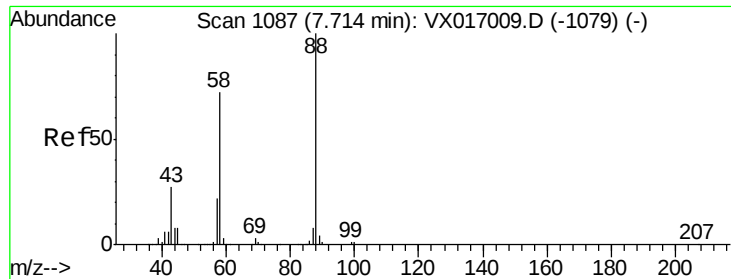
69 83.9 65.8 98.8

39 56.1 42.5 63.7



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

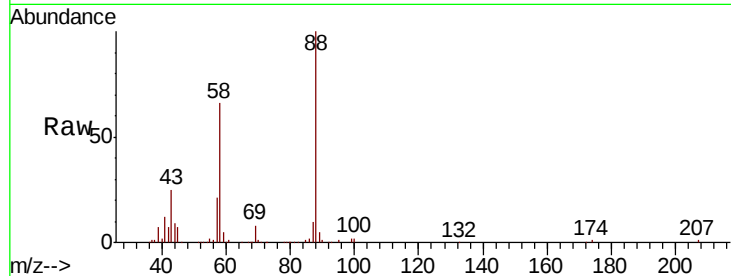




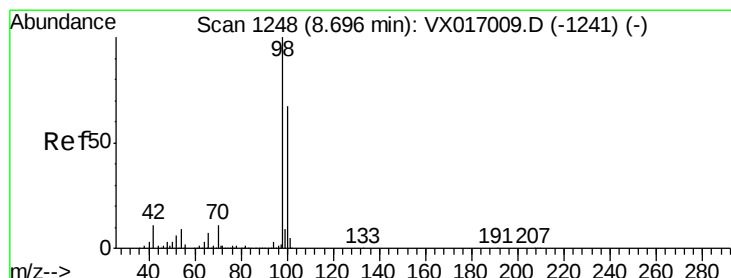
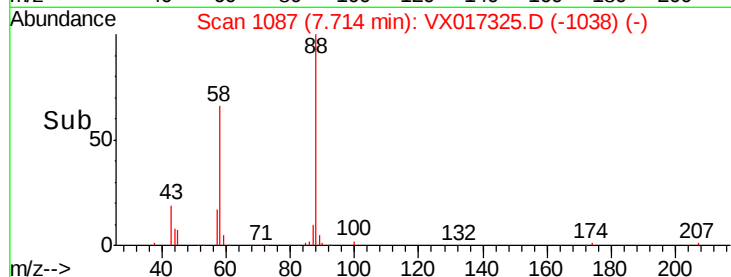
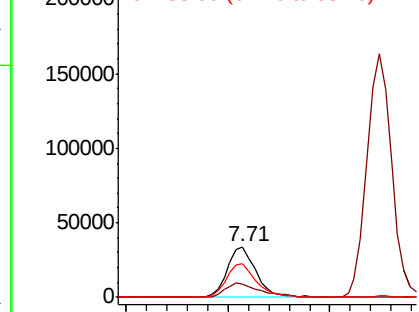
#49
1,4-Dioxane
Concen: 879.472 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 65334
Ion Ratio Lower Upper
88 100
43 34.9 25.8 38.8
58 70.4 54.8 82.2

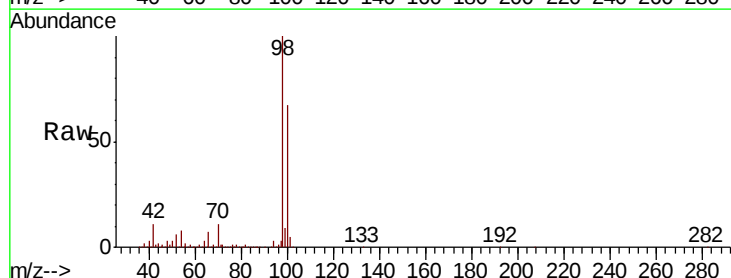


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

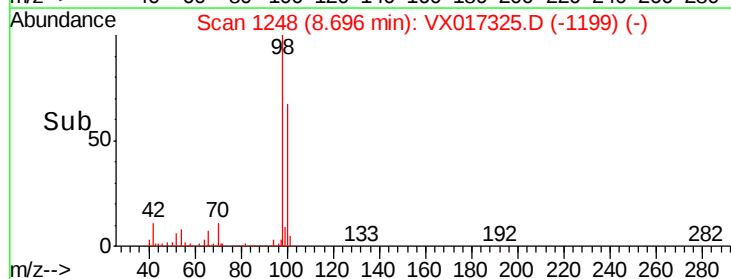
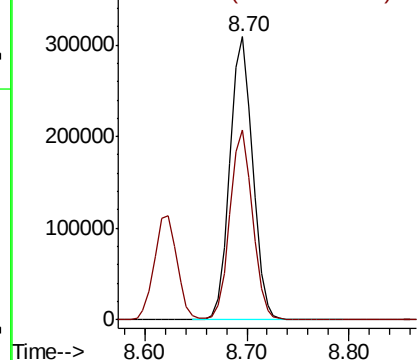


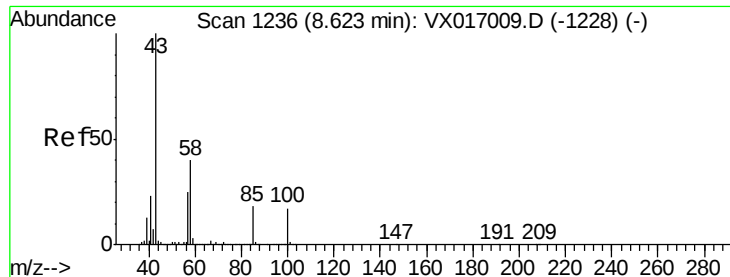
#50
Toluene-d8
Concen: 47.119 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

Tgt Ion: 98 Resp: 477406
Ion Ratio Lower Upper
98 100
100 66.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 247.120 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

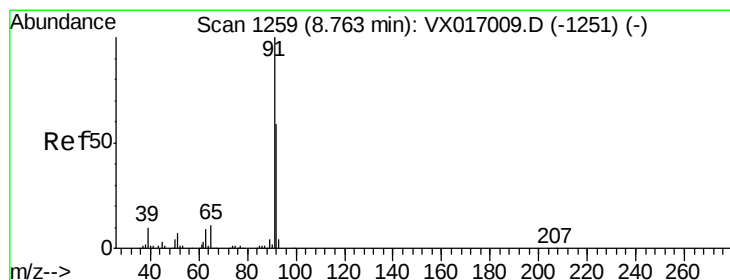
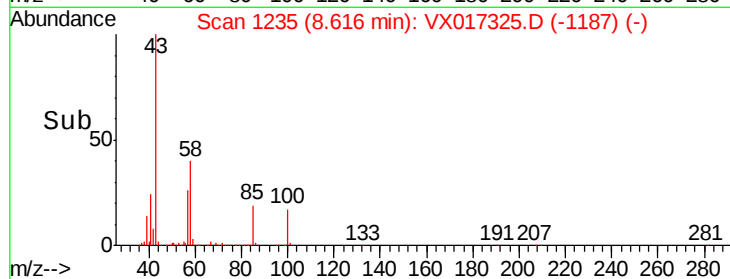
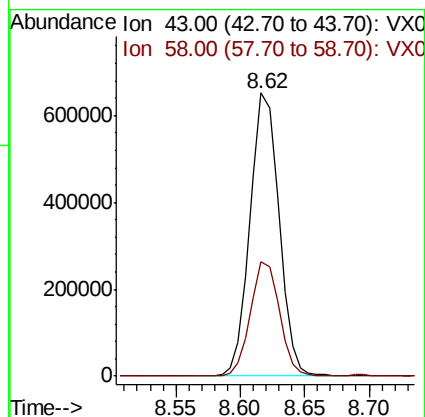
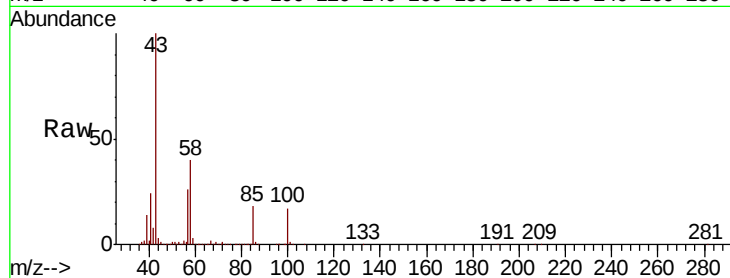
ClientSampleId :

Tot Ion: 43 Resp: 1016726

Ion Ratio Lower Upper

43 100

58 40.4 31.9 47.9



#52

Toluene

Concen: 50.607 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017325.D

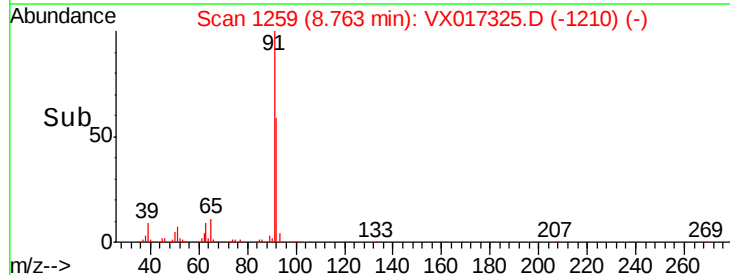
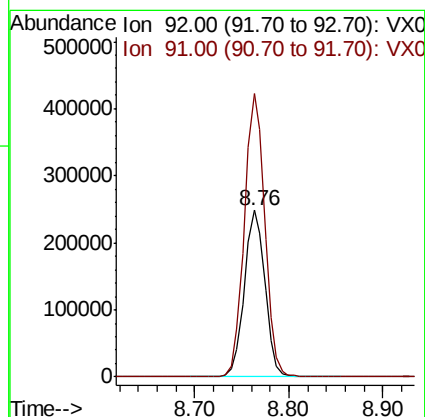
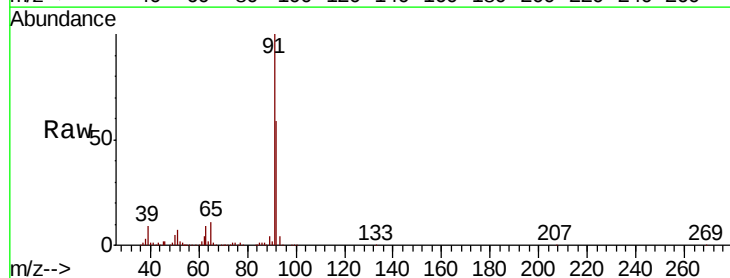
Acq: 10 Jul 2020 10:53

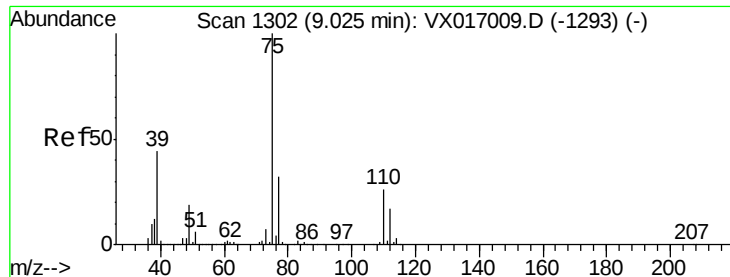
Tgt Ion: 92 Resp: 380046

Ion Ratio Lower Upper

92 100

91 168.5 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 52.167 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

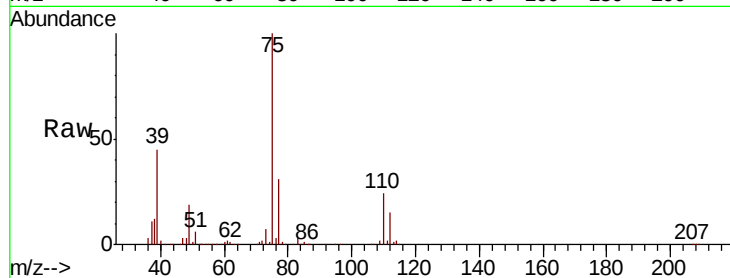
ClientSampleId :

Tot Ion: 75 Resp: 250182

Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

200000

150000

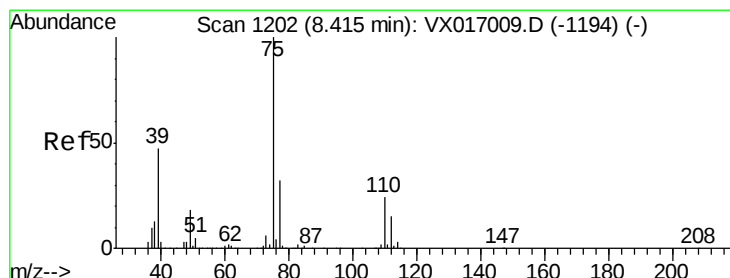
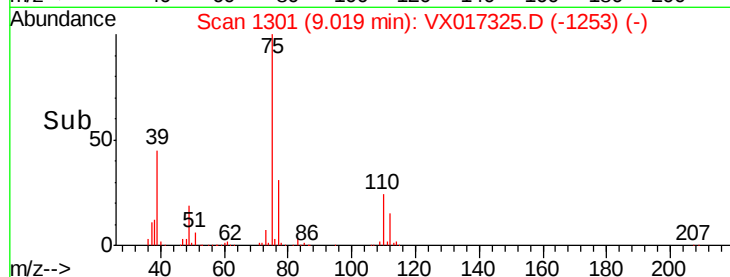
100000

50000

0

8.95 9.00 9.05 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.135 ug/l

RT: 8.41 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

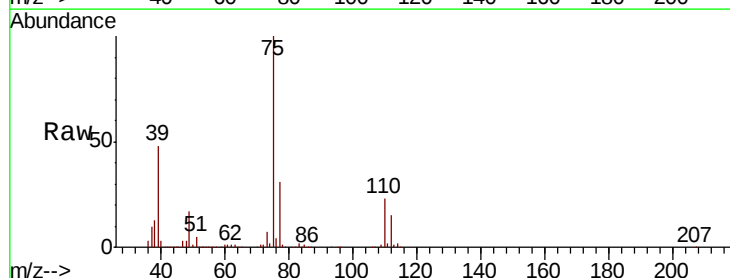
Tgt Ion: 75 Resp: 262887

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8

39 47.7 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

200000

150000

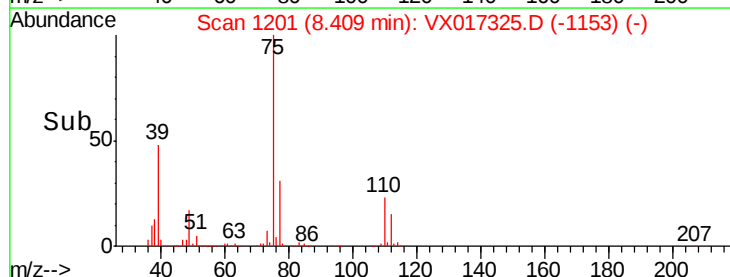
100000

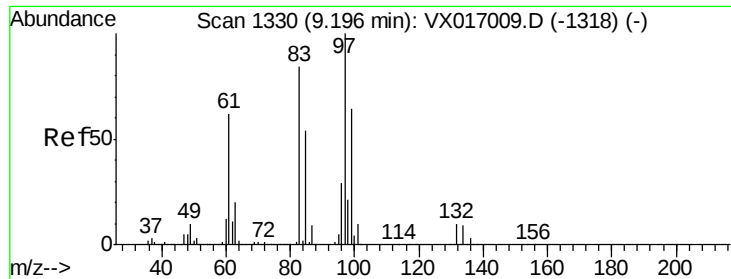
50000

0

8.30 8.40 8.50

Time-->

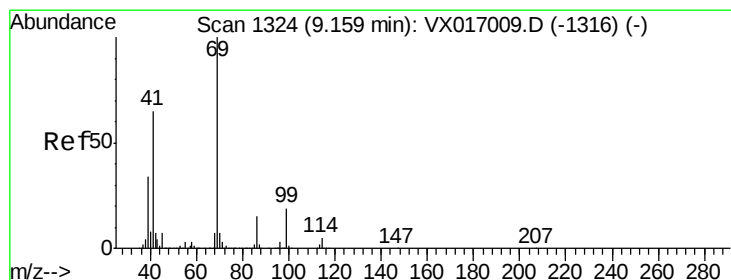
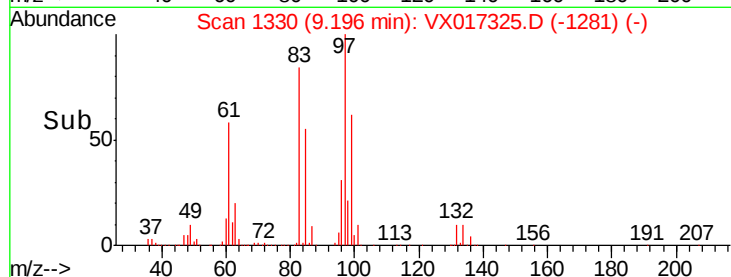
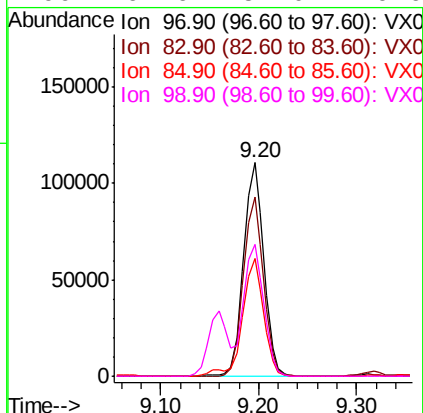
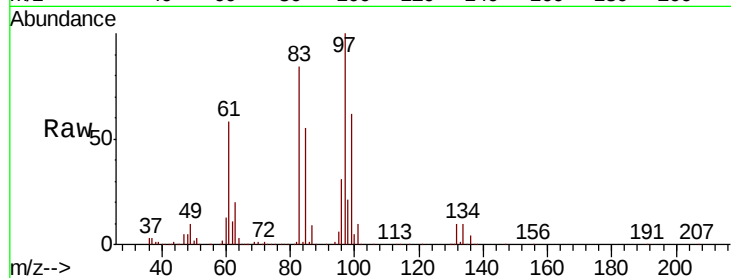




#55
 1,1,2-Trichloroethane
 Concen: 51.859 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017325.D
 Acq: 10 Jul 2020 10:53

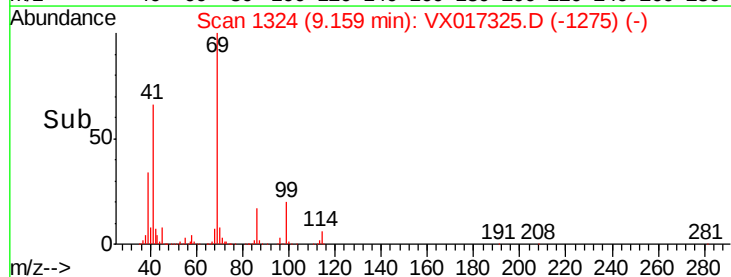
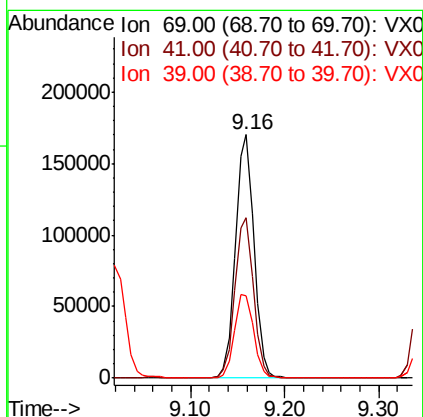
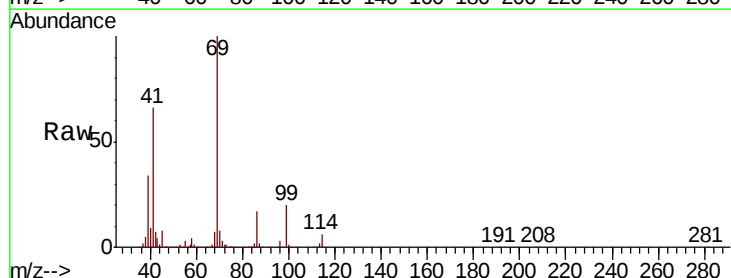
Instrument :
 MSVOA_X
 ClientSampleId :

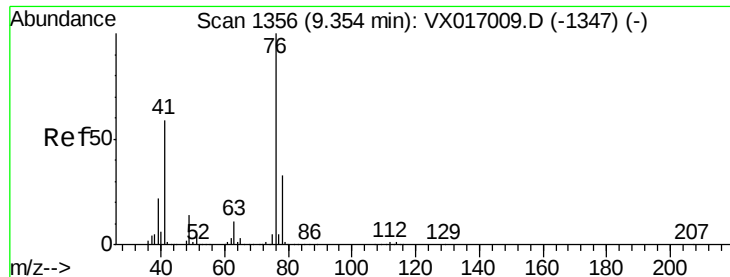
Tot Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.0	100.6
85	55.1	43.5	65.3
99	61.6	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 53.260 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017325.D
 Acq: 10 Jul 2020 10:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.8	53.6	80.4
39	35.9	28.2	42.2





#57

1,3-Dichloropropane

Concen: 50.276 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

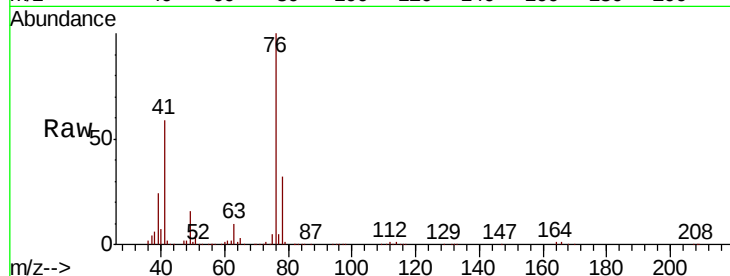
ClientSampled :

Tot Ion: 76 Resp: 261025

Ion Ratio Lower Upper

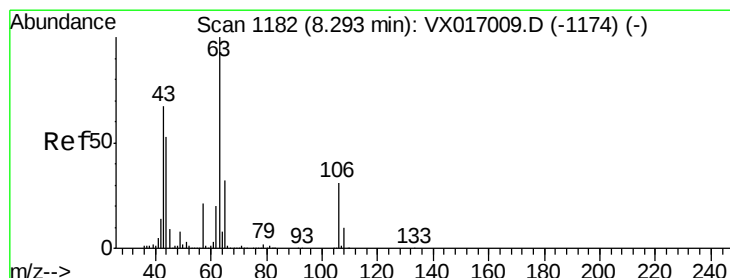
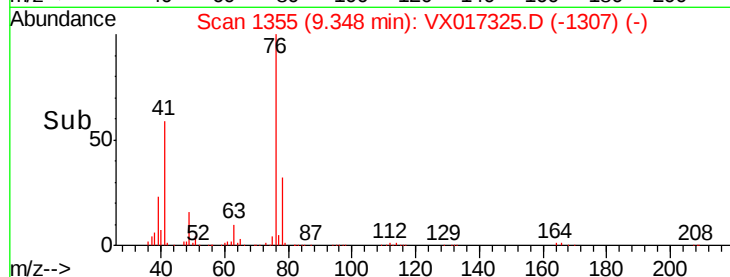
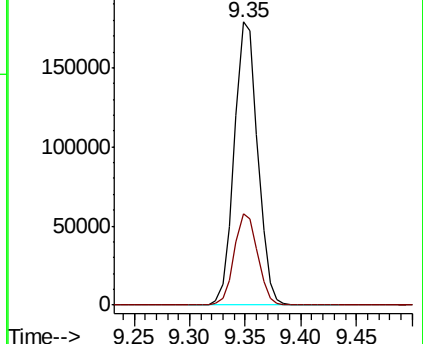
76 100

78 32.3 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 242.651 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017325.D

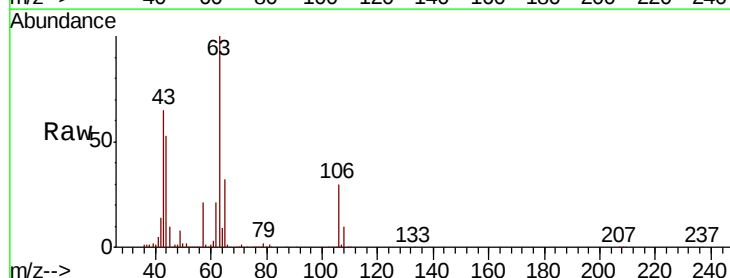
Acq: 10 Jul 2020 10:53

Tgt Ion: 63 Resp: 527398

Ion Ratio Lower Upper

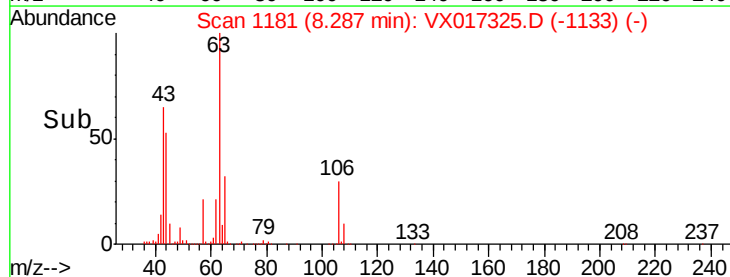
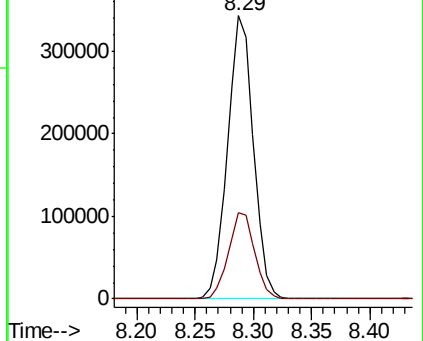
63 100

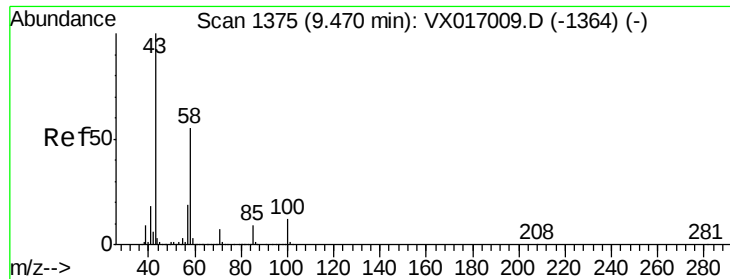
106 31.0 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

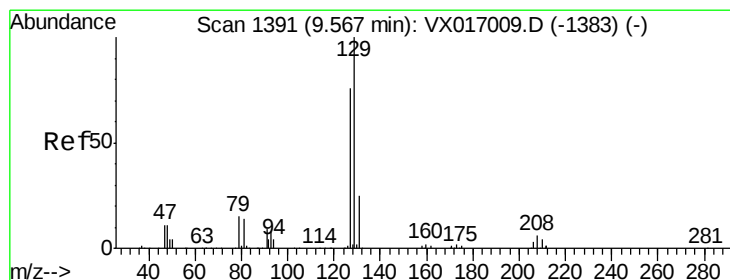
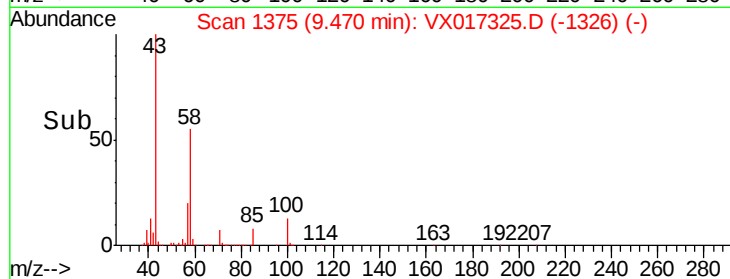
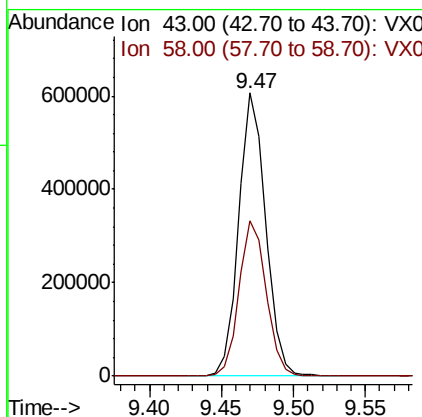
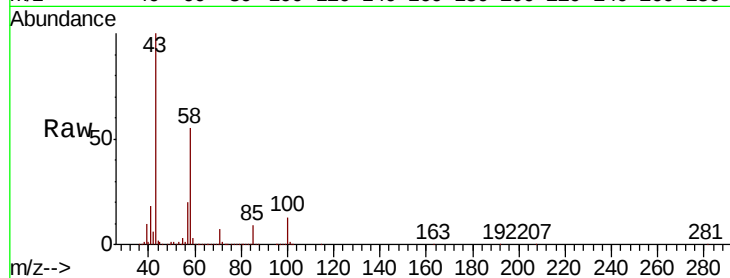




#59
2-Hexanone
Concen: 262.362 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

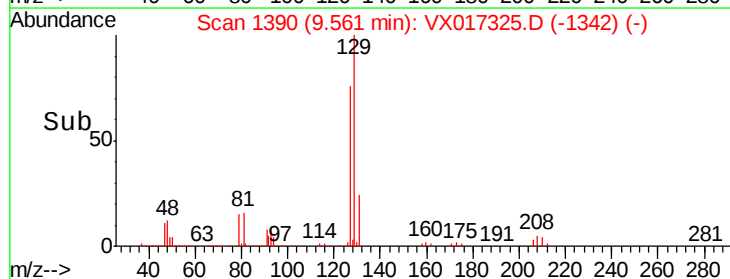
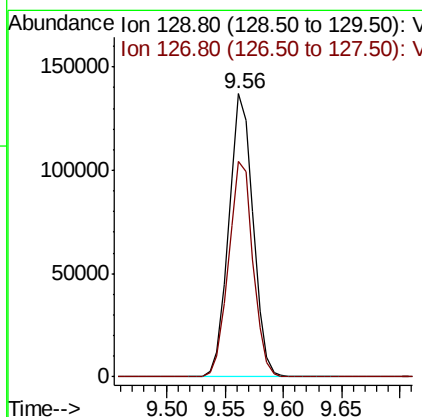
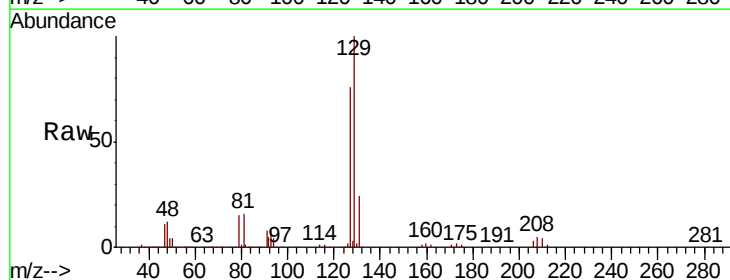
Instrument :
MSVOA_X
ClientSampleId :

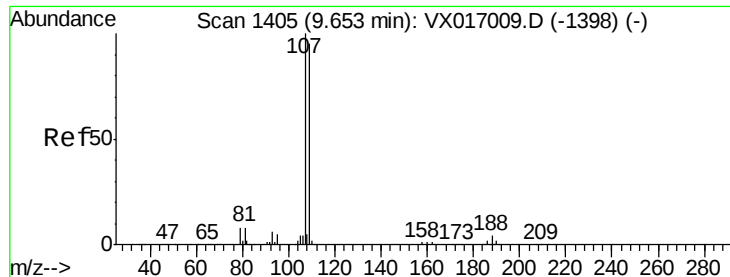
Tot Ion: 43 Resp: 788350
Ion Ratio Lower Upper
43 100
58 55.7 27.9 83.6



#60
Dibromochloromethane
Concen: 55.702 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

Tgt Ion: 129 Resp: 198504
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 51.773 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

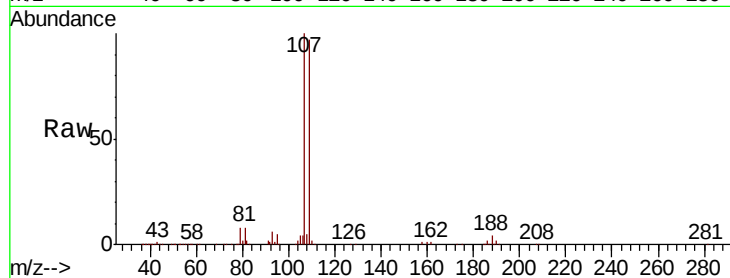
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 107 Resp: 170751

Ion Ratio Lower Upper

107 100

109 93.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

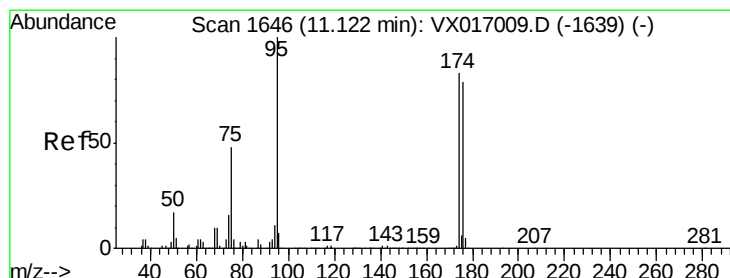
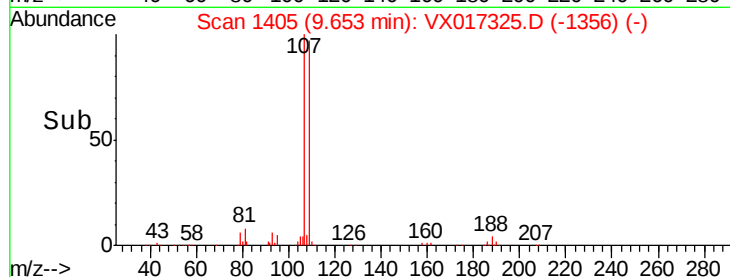
9.65

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.699 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

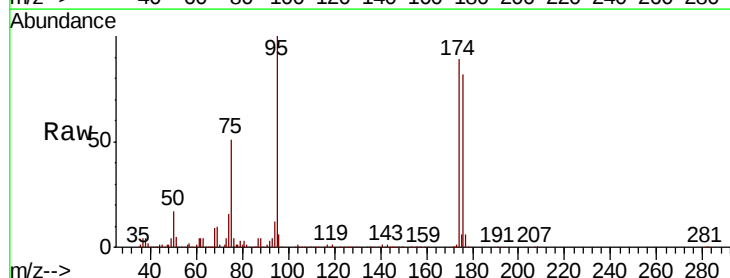
Tgt Ion: 95 Resp: 200803

Ion Ratio Lower Upper

95 100

174 83.8 0.0 164.0

176 81.5 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

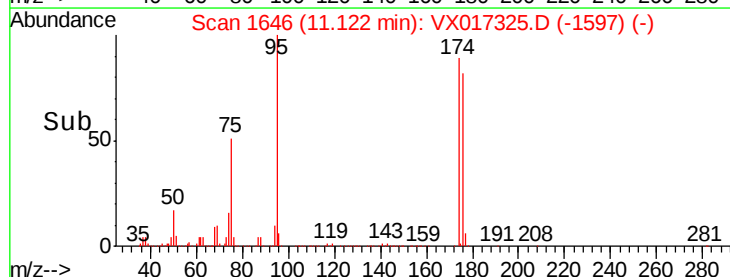
150000

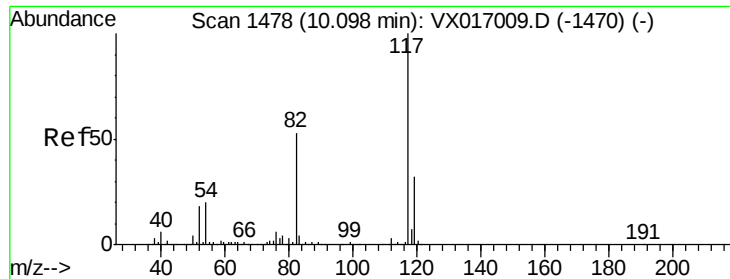
100000

50000

0

Time--> 11.10 11.12 11.20

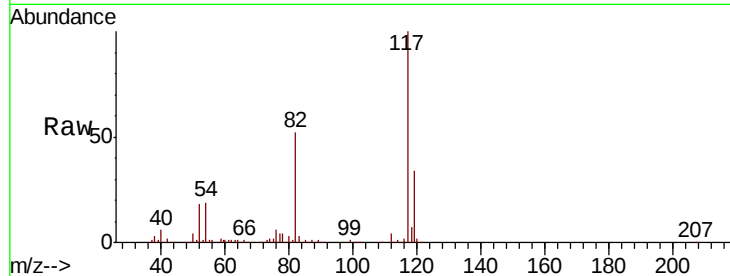




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.6	63.8
119	33.5	25.4	38.2

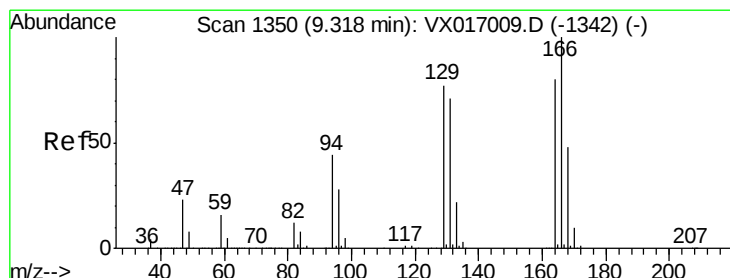
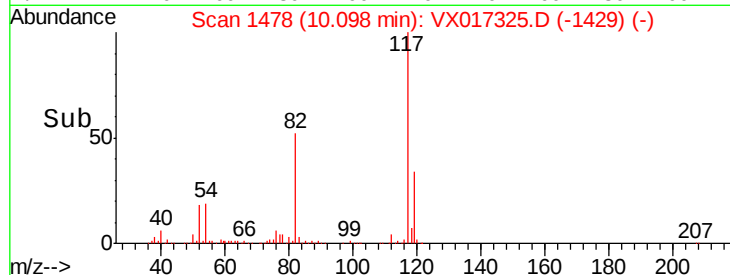
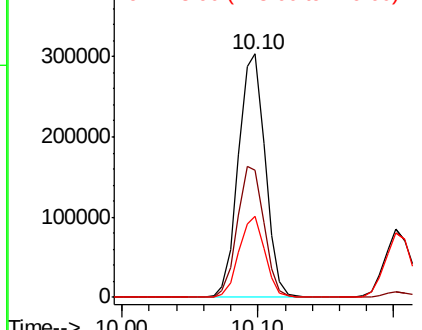


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 51.664 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.3	99.4	149.0
129	89.3	76.3	114.5
131	87.9	70.6	105.8

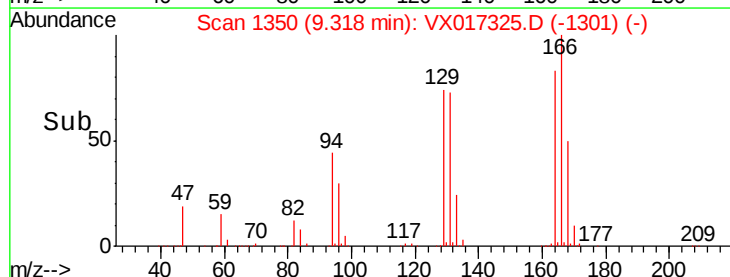
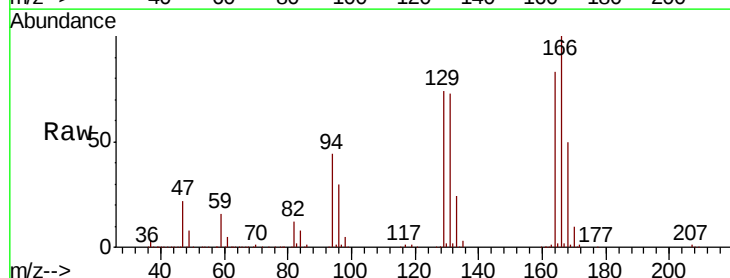
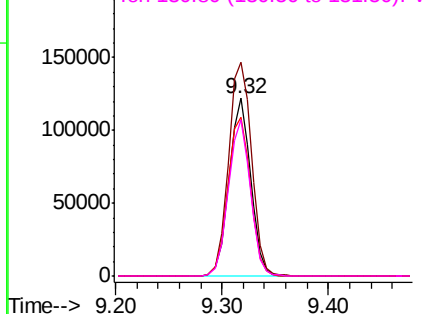
Abundance

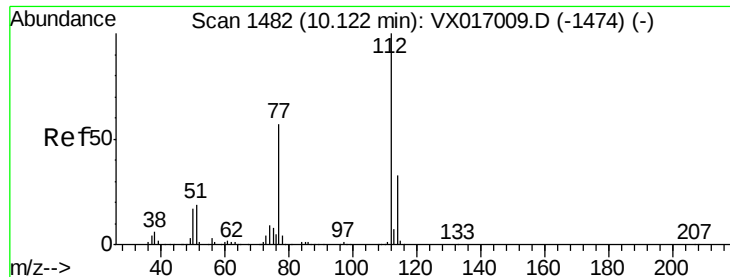
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

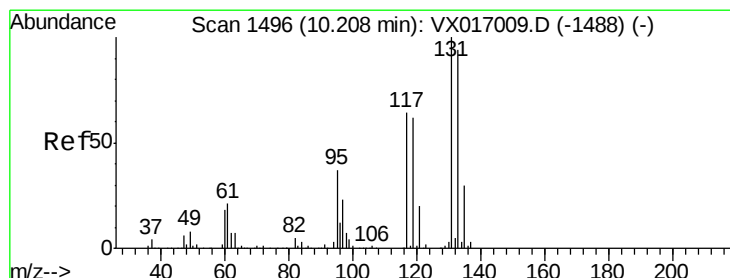
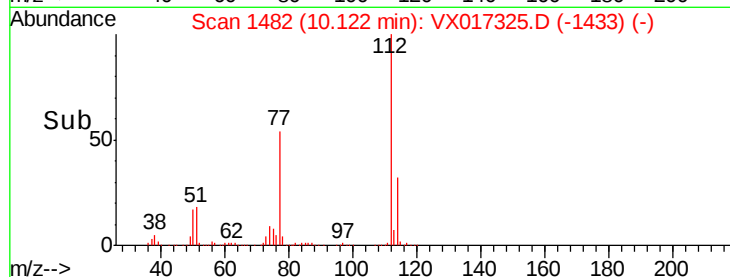
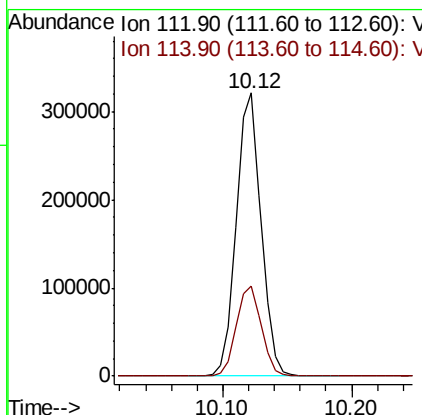
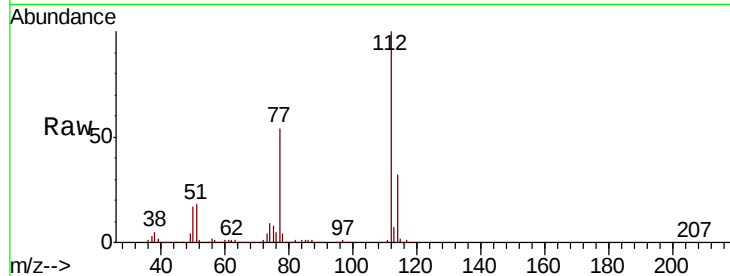




#65
Chlorobenzene
Concen: 49.809 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

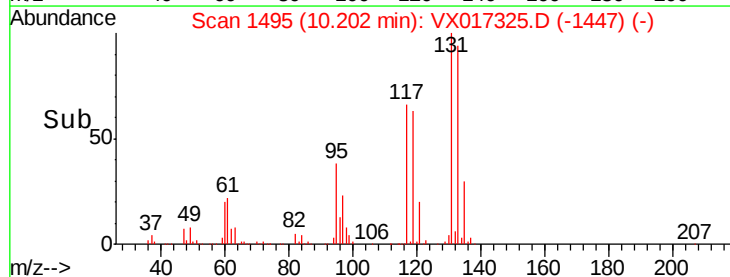
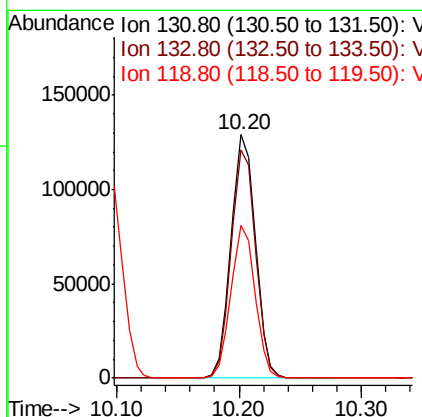
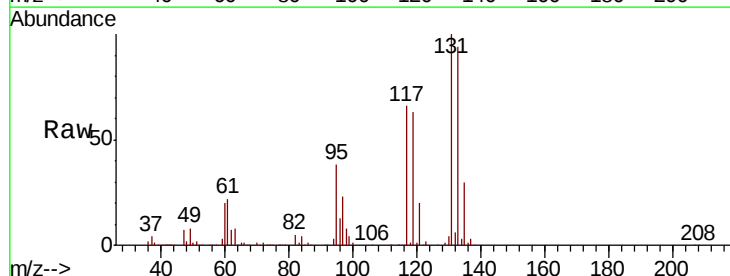
Instrument :
MSVOA_X
ClientSampleId :

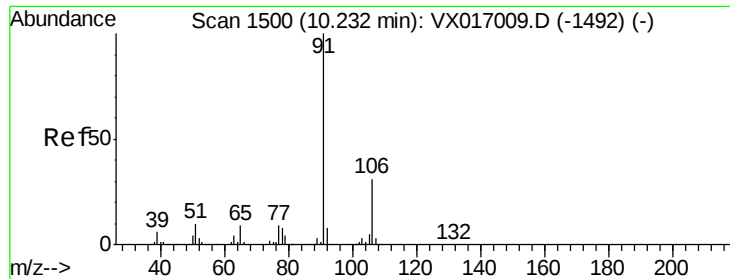
Tot Ion:112 Resp: 429106
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.490 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

Tgt Ion:131 Resp: 177596
Ion Ratio Lower Upper
131 100
133 94.2 47.3 141.9
119 61.8 31.9 95.5

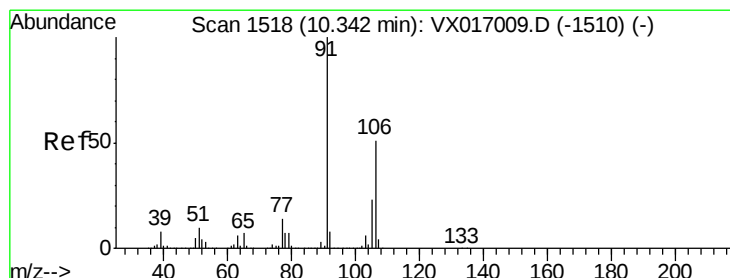
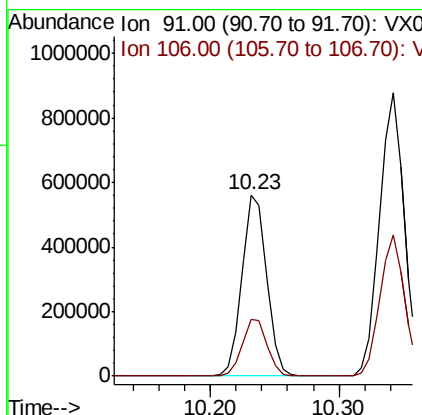
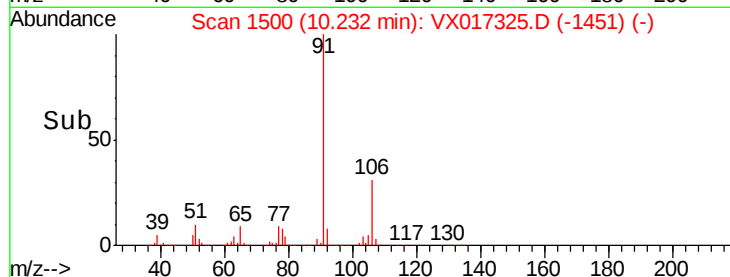
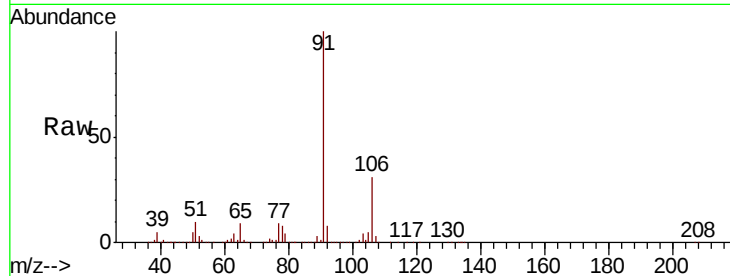




#67
Ethyl Benzene
Concen: 51.456 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

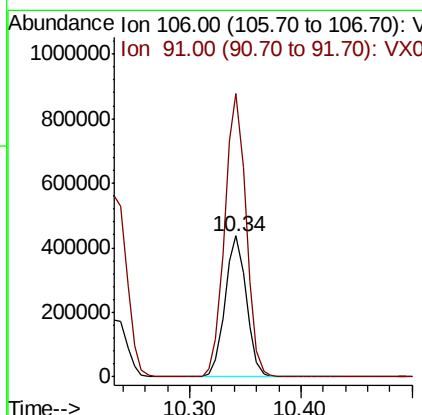
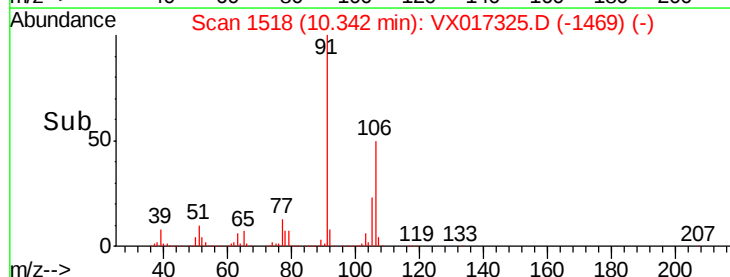
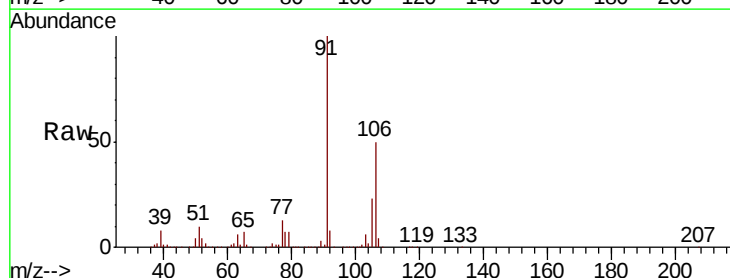
Instrument :
MSVOA_X
ClientSampleId :

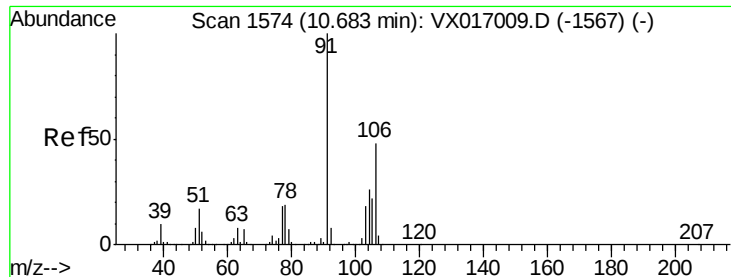
Tot Ion: 91 Resp: 740316
Ion Ratio Lower Upper
91 100
106 31.4 24.7 37.1



#68
m/p-Xylenes
Concen: 104.277 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

Tgt Ion: 106 Resp: 576053
Ion Ratio Lower Upper
106 100
91 202.3 158.6 238.0

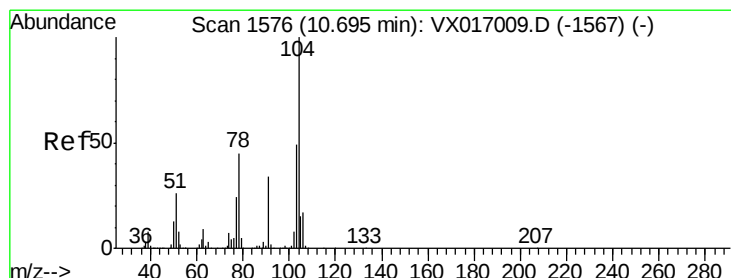
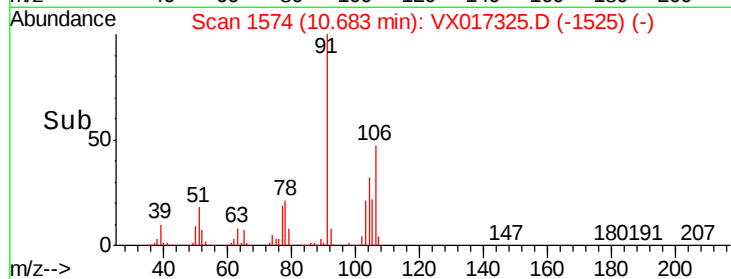
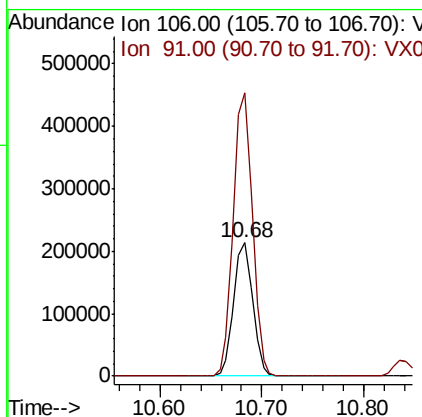
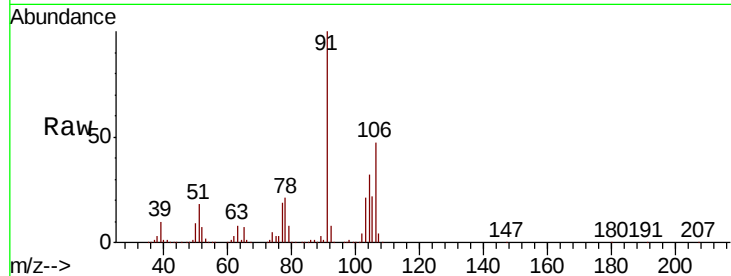




#69
o-Xylene
Concen: 52.439 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

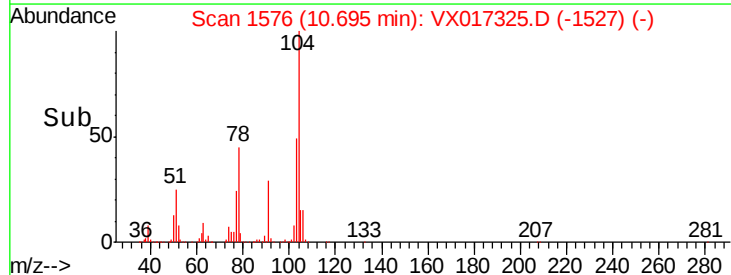
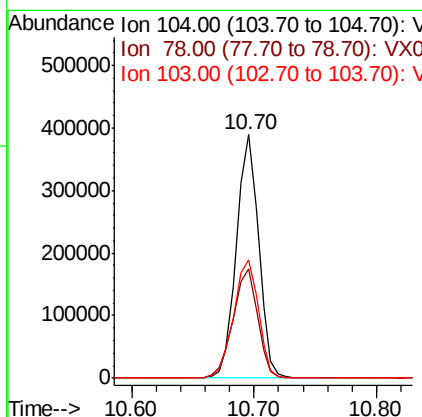
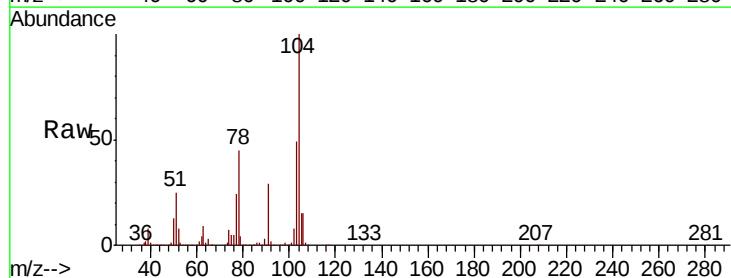
Instrument :
MSVOA_X
ClientSampled :

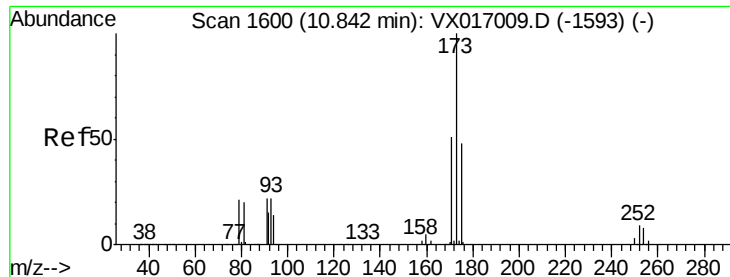
Tot Ion:106 Resp: 275577
Ion Ratio Lower Upper
106 100
91 213.0 105.6 316.7



#70
Styrene
Concen: 54.524 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

Tgt Ion:104 Resp: 487937
Ion Ratio Lower Upper
104 100
78 50.1 39.5 59.3
103 54.4 43.0 64.6





#71

Bromoform

Concen: 57.464 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

ClientSampleId :

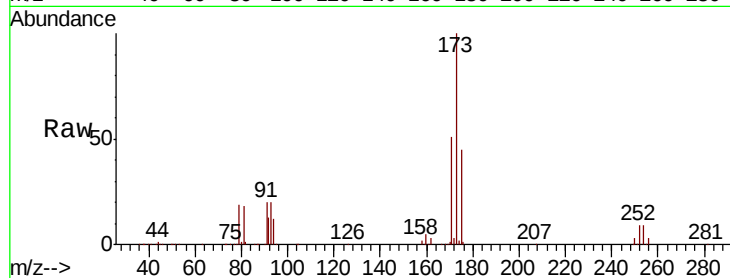
Tot Ion:173 Resp: 151295

Ion Ratio Lower Upper

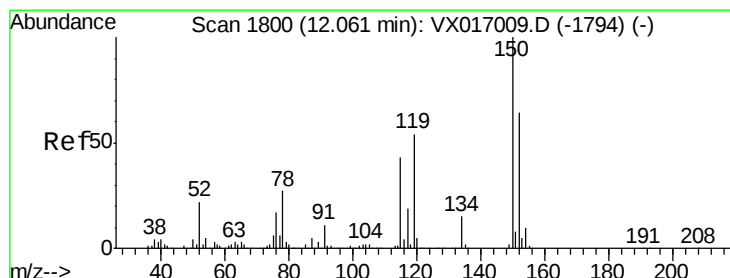
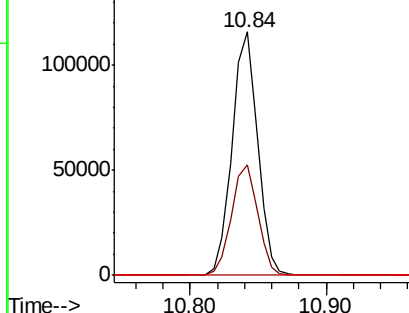
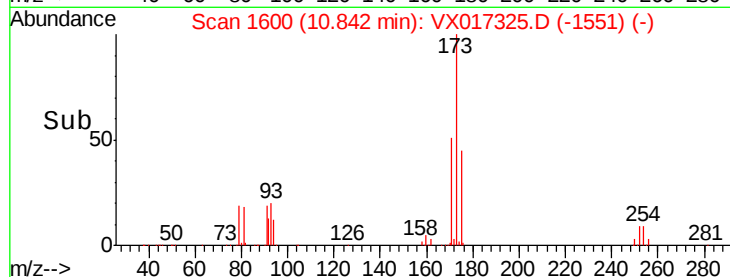
173 100

175 47.0 24.5 73.5

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

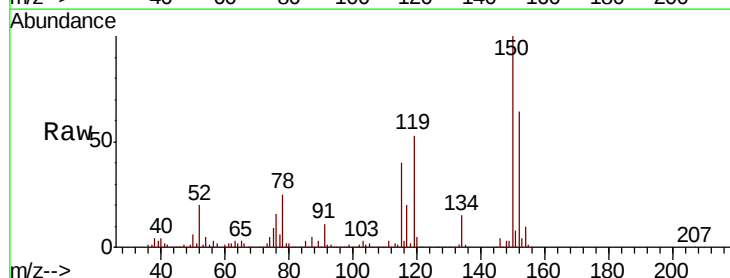
Tgt Ion:152 Resp: 232827

Ion Ratio Lower Upper

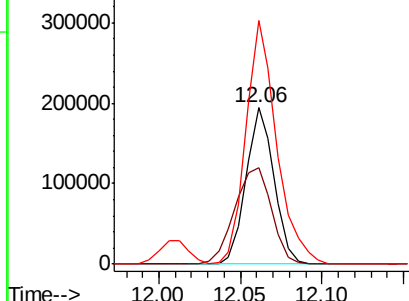
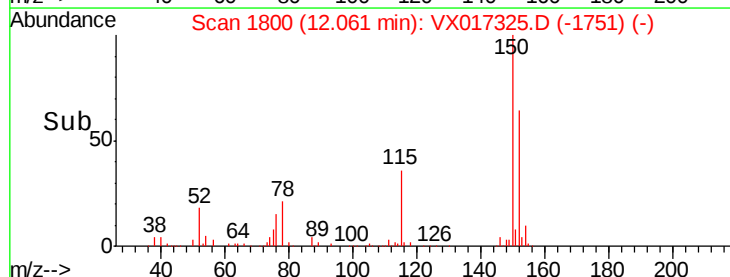
152 100

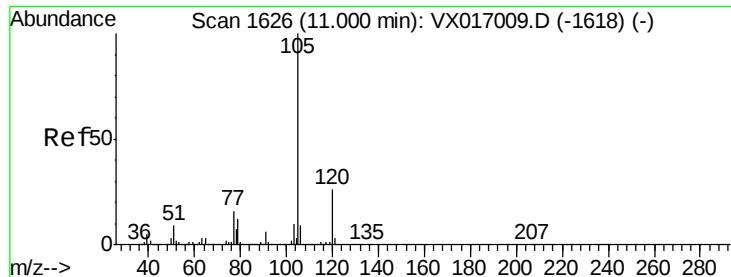
115 80.7 40.9 122.7

150 170.4 0.0 351.6



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





#73

Isopropylbenzene

Concen: 50.013 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

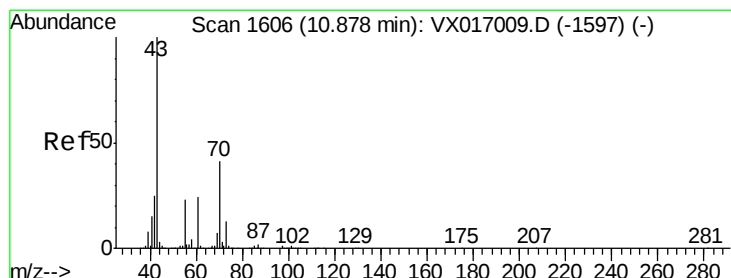
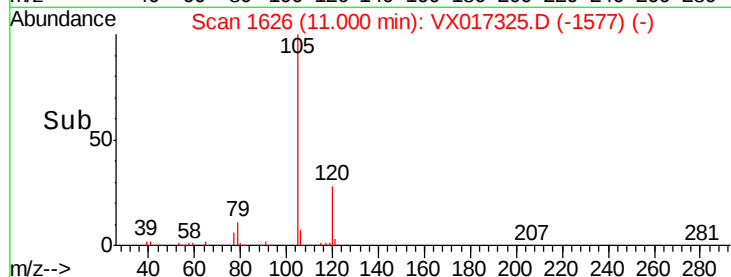
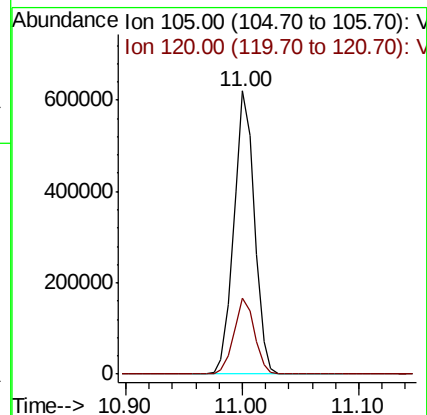
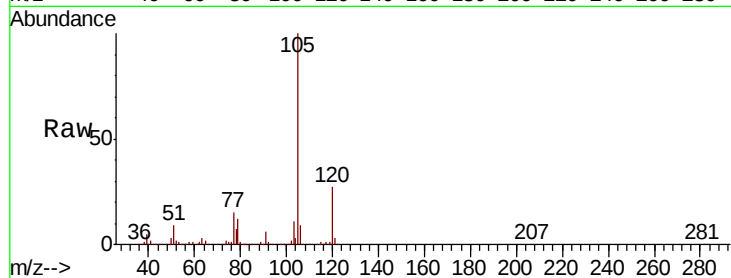
ClientSampleId :

Tot Ion:105 Resp: 762725

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 47.564 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Tgt Ion: 43 Resp: 309513

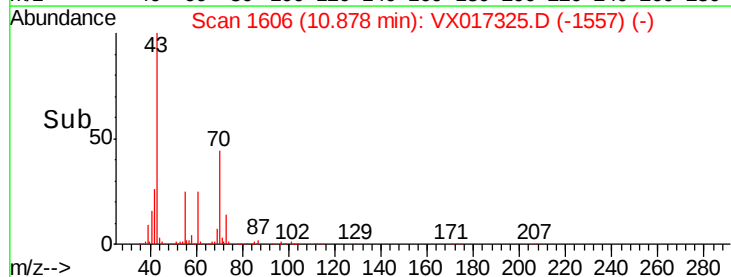
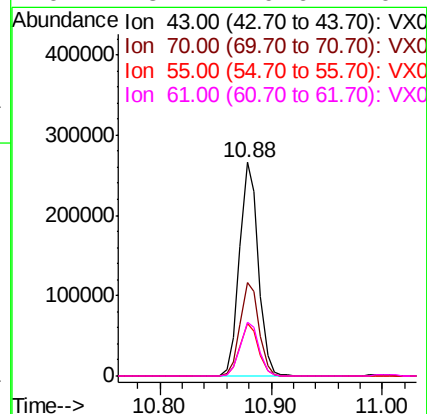
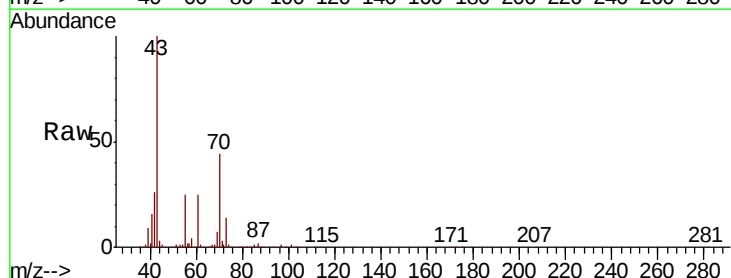
Ion Ratio Lower Upper

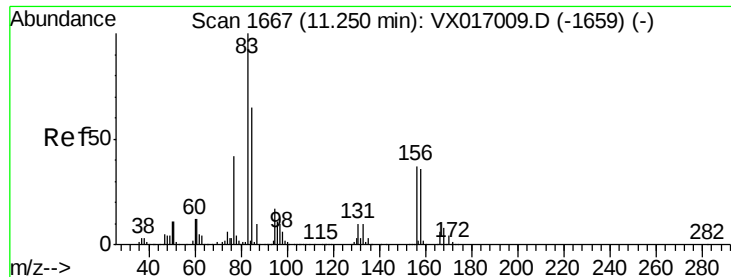
43 100

70 43.9 34.2 51.2

55 24.4 19.2 28.8

61 25.1 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 46.679 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

ClientSampleId :

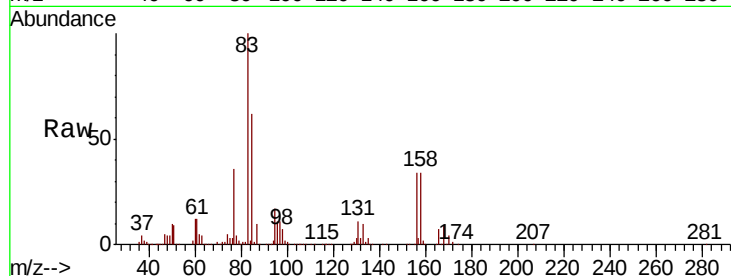
Tot Ion: 83 Resp: 223925

Ion Ratio Lower Upper

83 100

131 11.4 5.4 16.2

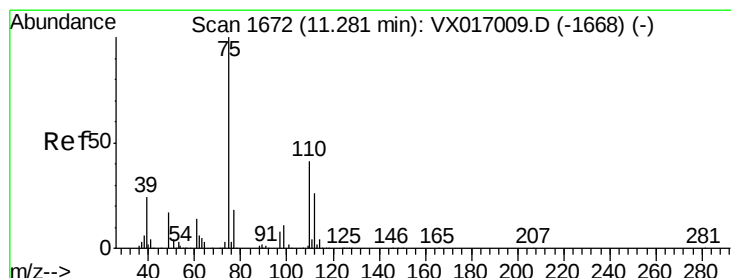
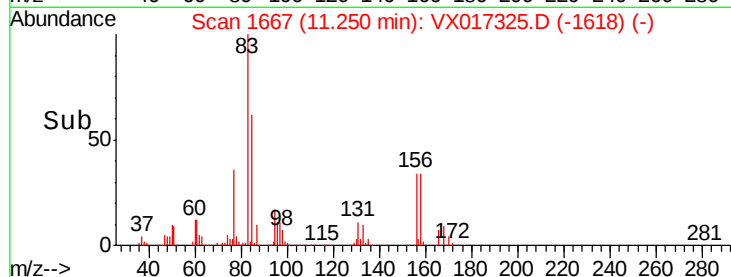
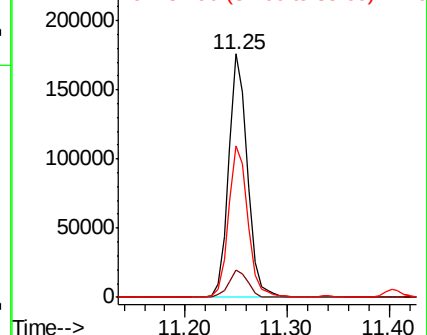
85 63.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.347 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017325.D

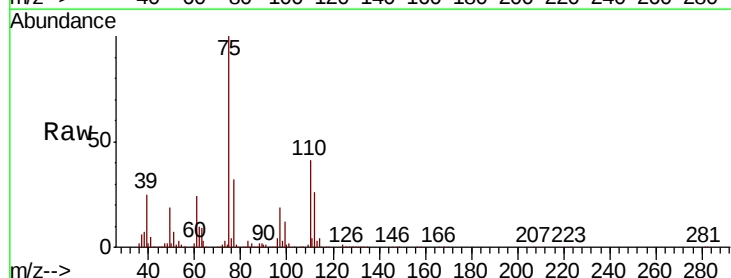
Acq: 10 Jul 2020 10:53

Tgt Ion: 75 Resp: 280872

Ion Ratio Lower Upper

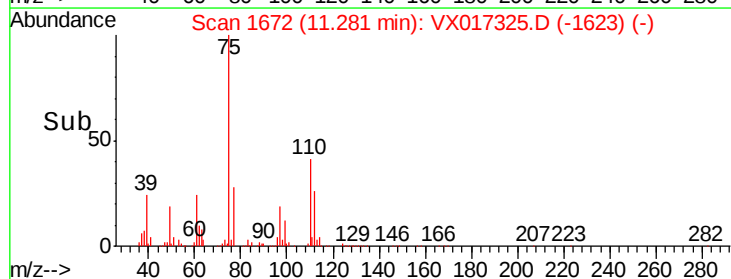
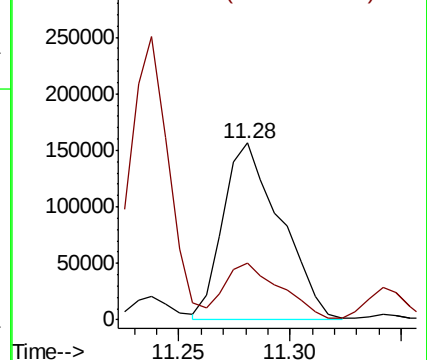
75 100

77 31.5 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.762 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

ClientSampleId :

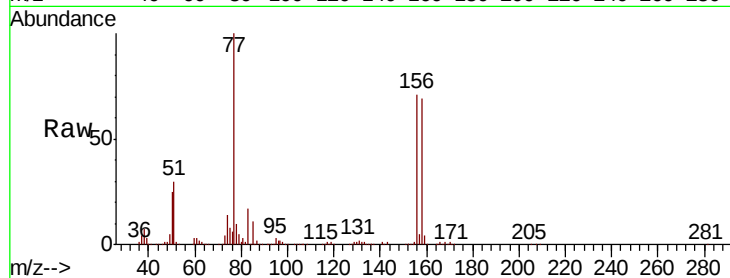
Tot Ion:156 Resp: 208573

Ion Ratio Lower Upper

156 100

77 147.1 76.9 230.7

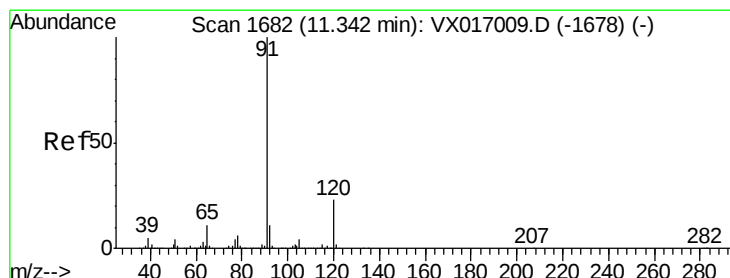
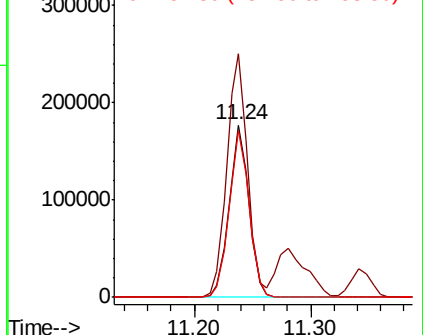
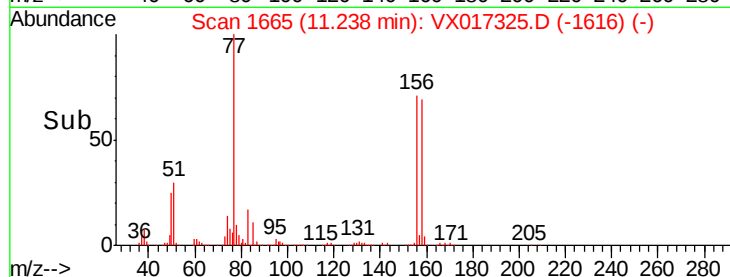
158 97.3 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.361 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017325.D

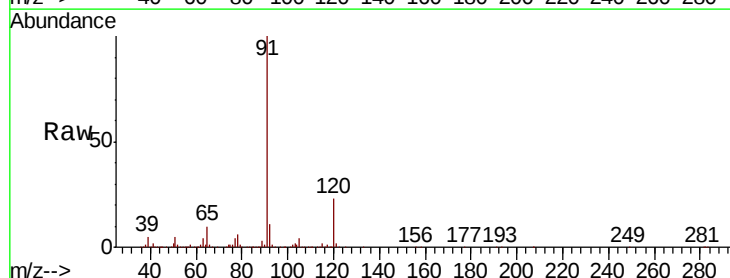
Acq: 10 Jul 2020 10:53

Tgt Ion: 91 Resp: 885762

Ion Ratio Lower Upper

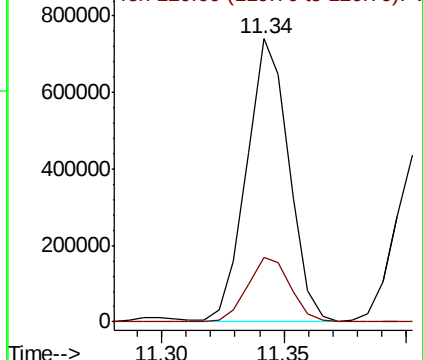
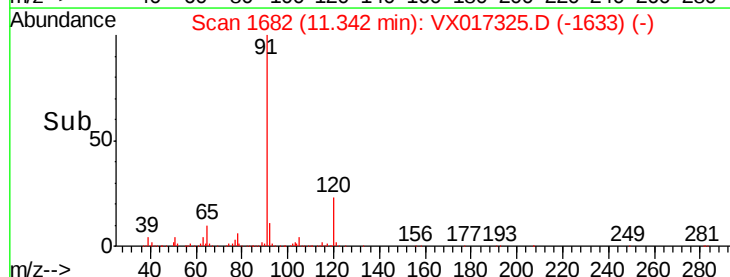
91 100

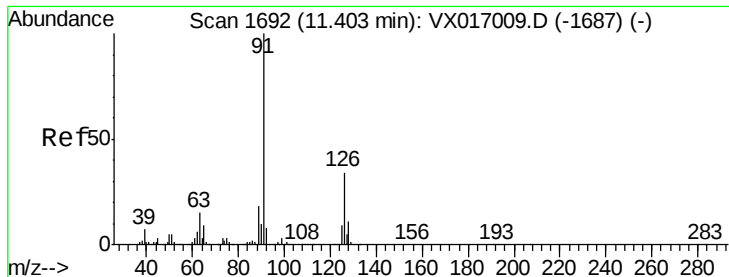
120 23.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

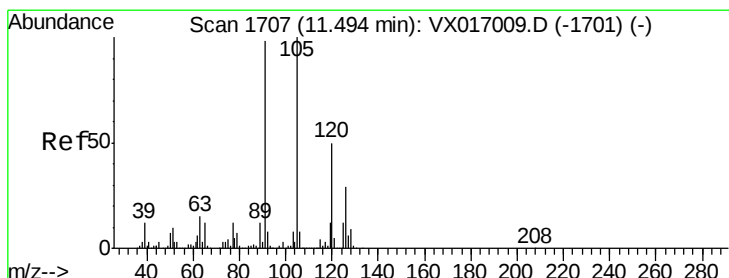
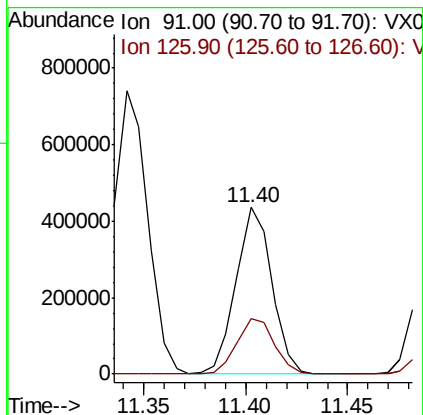
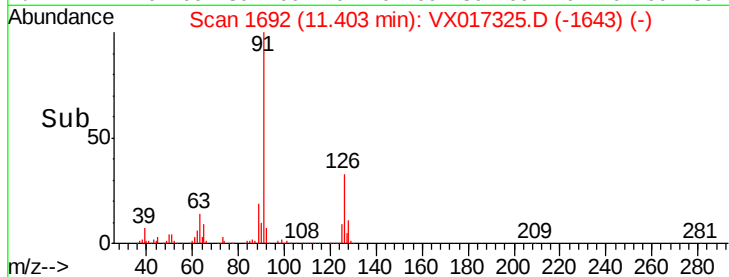
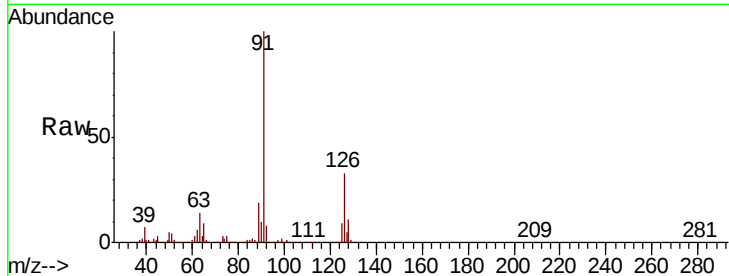




#79
 2-Chlorotoluene
 Concen: 50.841 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX017325.D
 Acq: 10 Jul 2020 10:53

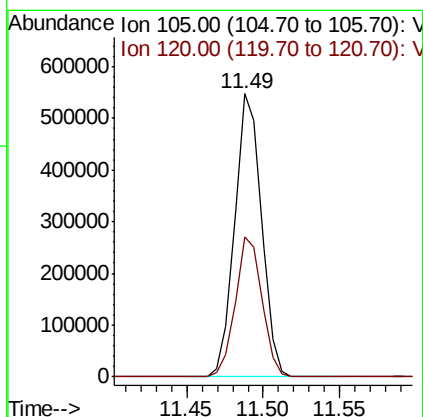
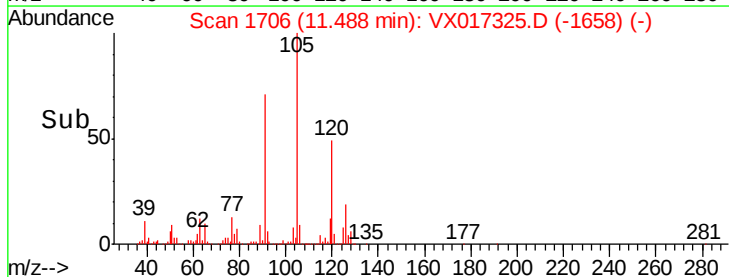
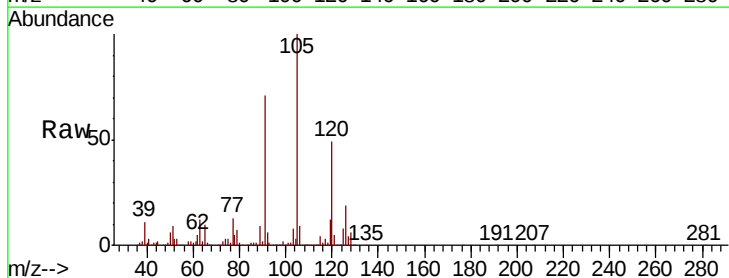
Instrument :
 MSVOA_X
 ClientSampleId :

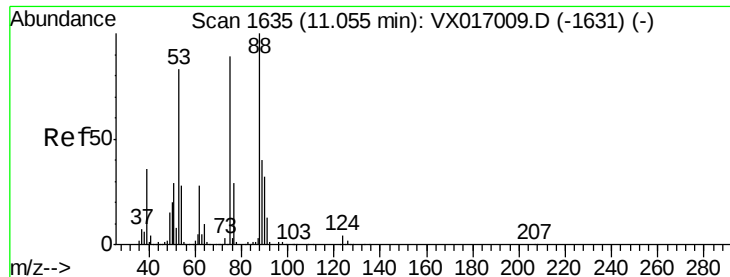
Tot Ion: 91 Resp: 530643
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 52.533 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017325.D
 Acq: 10 Jul 2020 10:53

Tgt Ion: 105 Resp: 664527
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.9 74.6

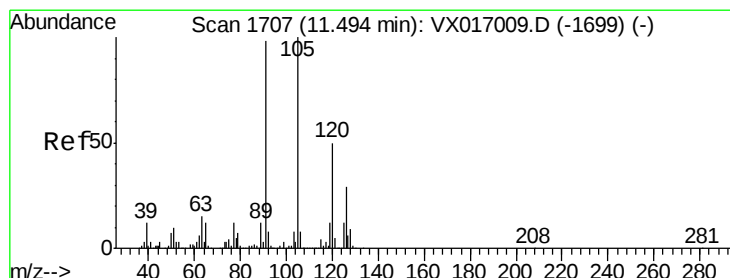
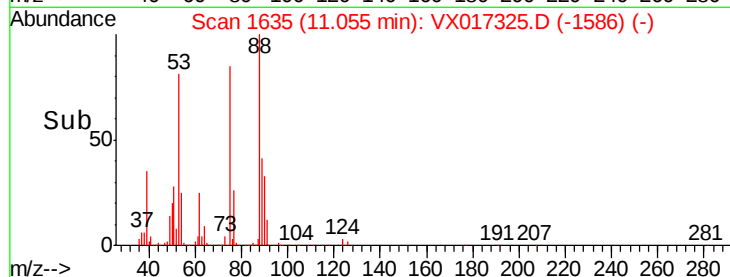
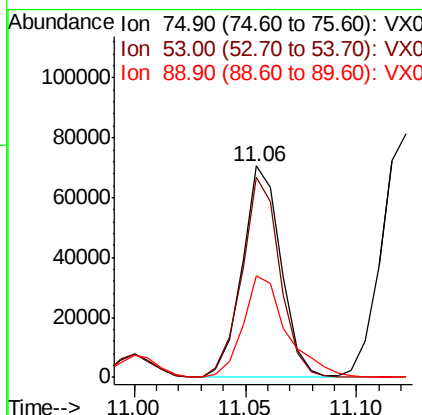
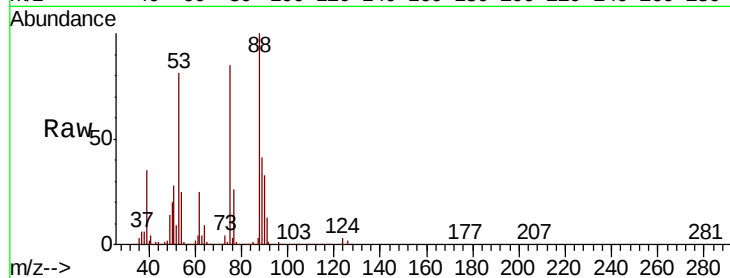




#81
trans-1,4-Dichloro-2-butene
Concen: 48.154 ug/l
RT: 11.06 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

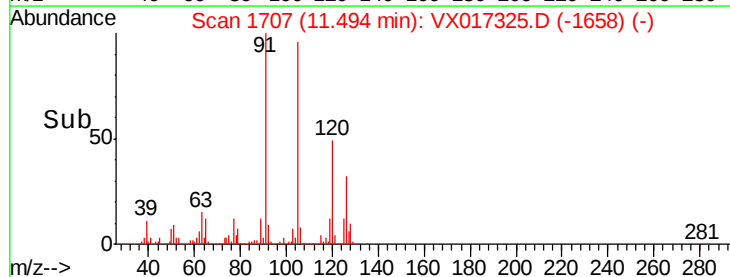
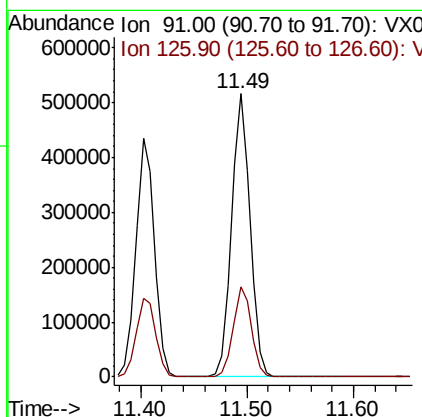
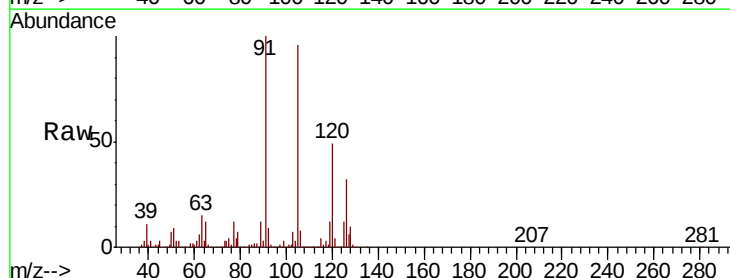
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 85134
Ion Ratio Lower Upper
75 100
53 92.9 72.4 108.6
89 54.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 50.472 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

Tgt Ion: 91 Resp: 629747
Ion Ratio Lower Upper
91 100
126 31.3 15.2 45.5

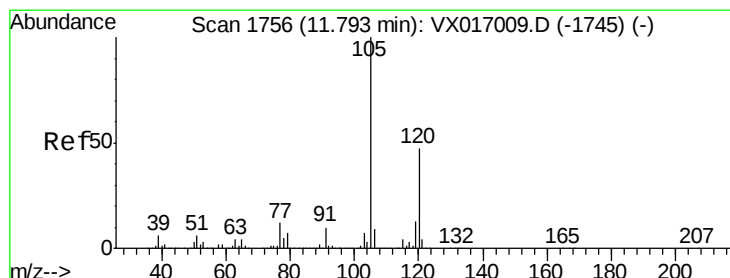
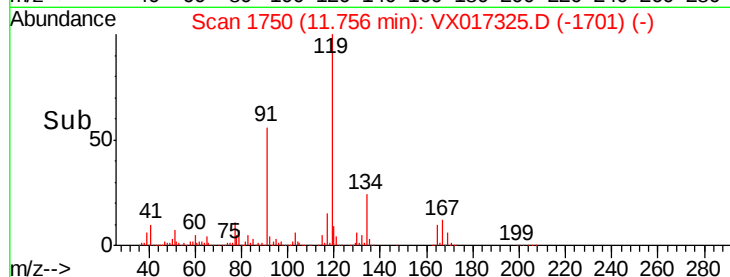
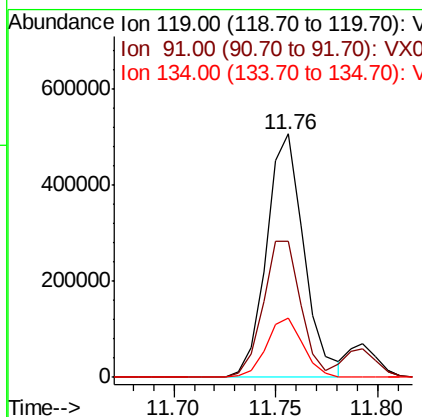
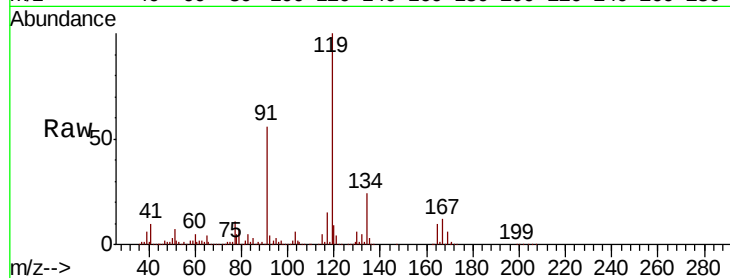




#83
tert-Butylbenzene
Concen: 52.101 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

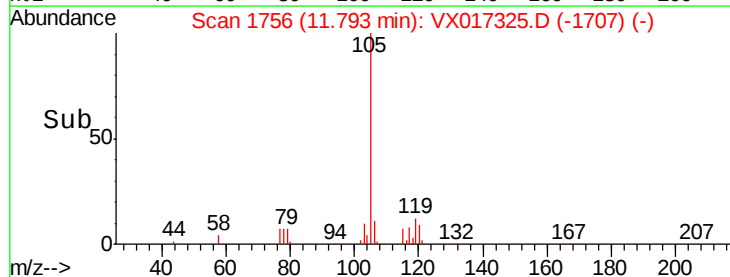
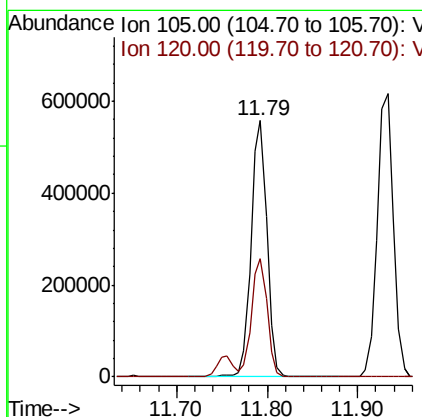
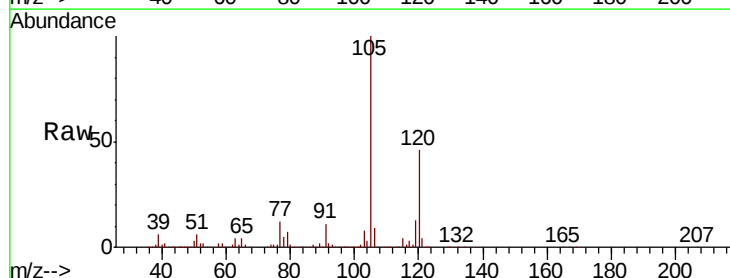
Instrument :
MSVOA_X
ClientSampleId :

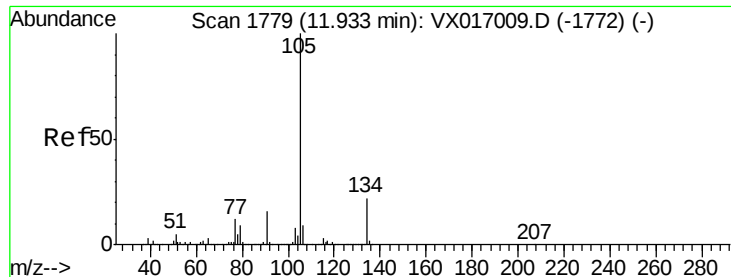
Tot Ion:119 Resp: 646980
Ion Ratio Lower Upper
119 100
91 56.2 28.3 84.9
134 23.7 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 52.496 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

Tgt Ion:105 Resp: 673695
Ion Ratio Lower Upper
105 100
120 45.7 22.9 68.5





#85

sec-Butylbenzene

Concen: 51.903 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

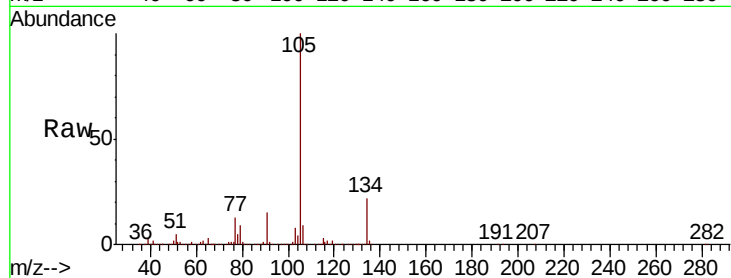
ClientSampleId :

Tot Ion:105 Resp: 757608

Ion Ratio Lower Upper

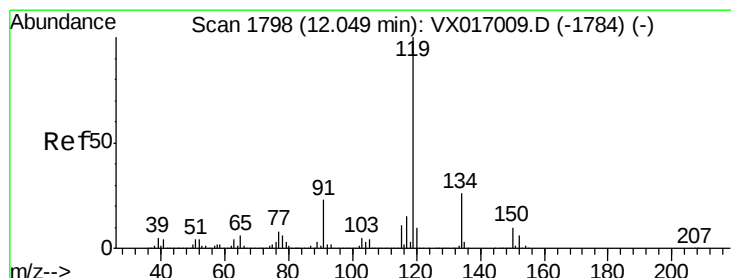
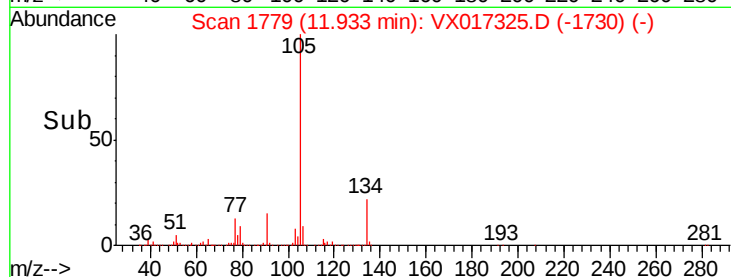
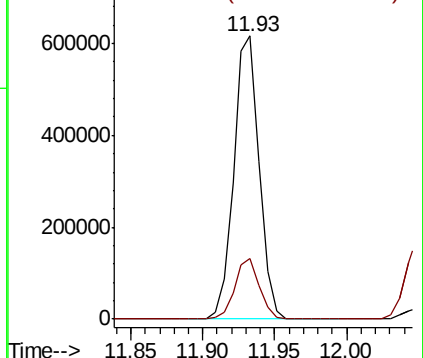
105 100

134 20.7 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.063 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

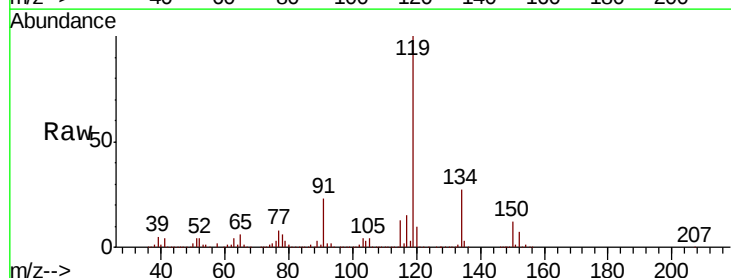
Tgt Ion:119 Resp: 734630

Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

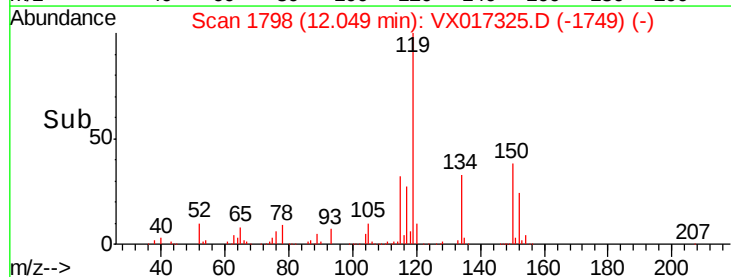
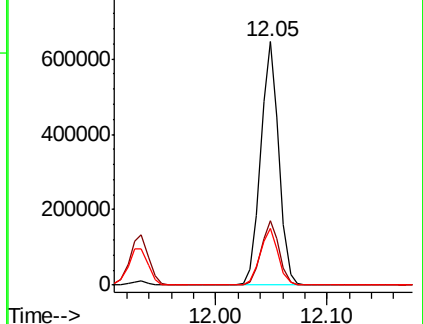
91 23.2 11.8 35.4

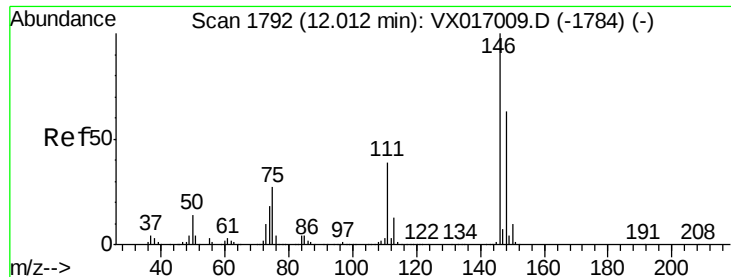


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

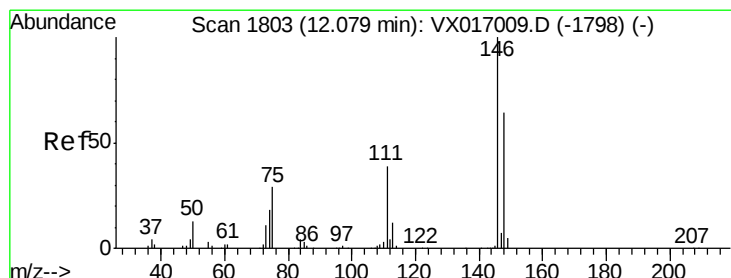
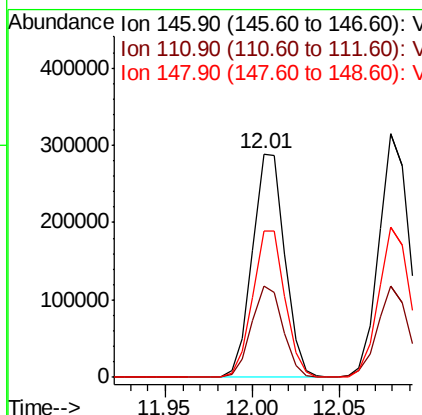
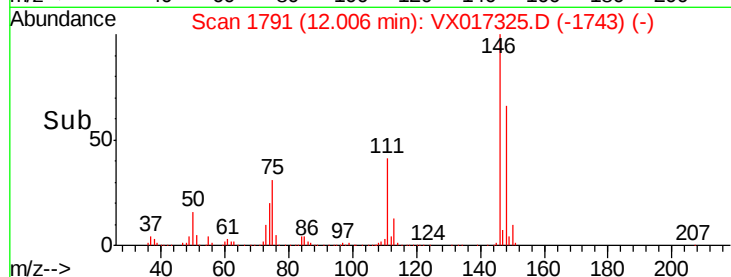
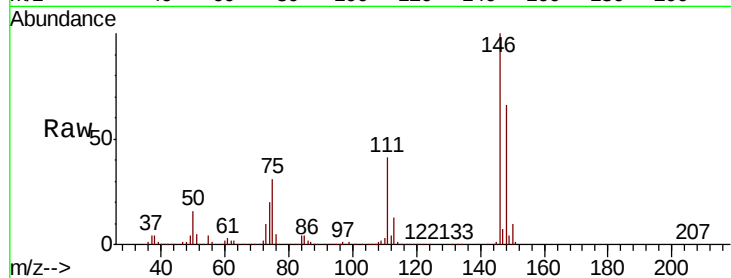




#87
 1,3-Dichlorobenzene
 Concen: 49.077 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017325.D
 Acq: 10 Jul 2020 10:53

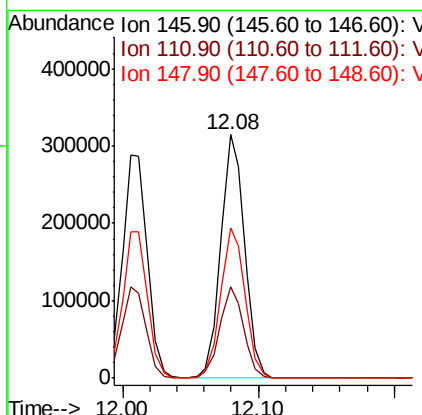
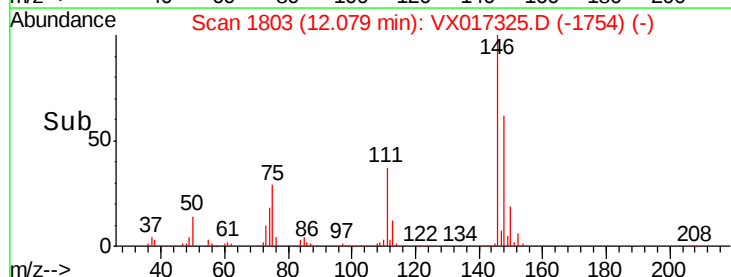
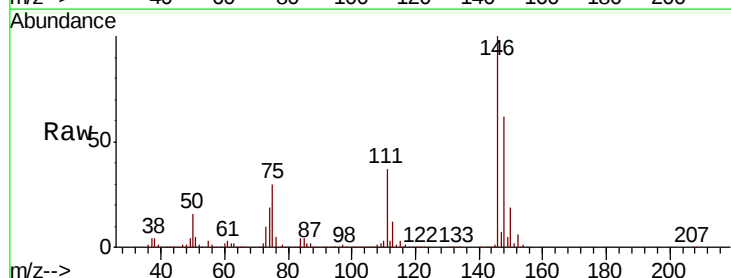
Instrument :
 MSVOA_X
 ClientSampleId :

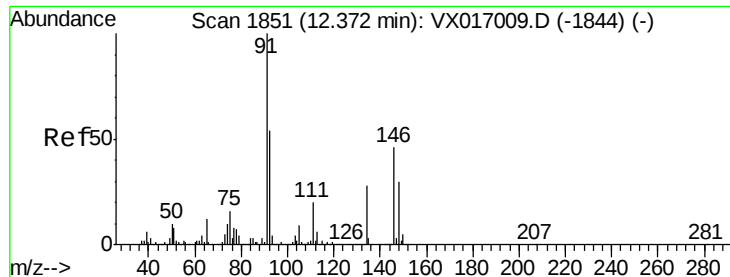
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.4	61.2
148	65.3	32.5	97.5



#88
 1,4-Dichlorobenzene
 Concen: 53.098 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017325.D
 Acq: 10 Jul 2020 10:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.5	58.5
148	63.1	31.9	95.7

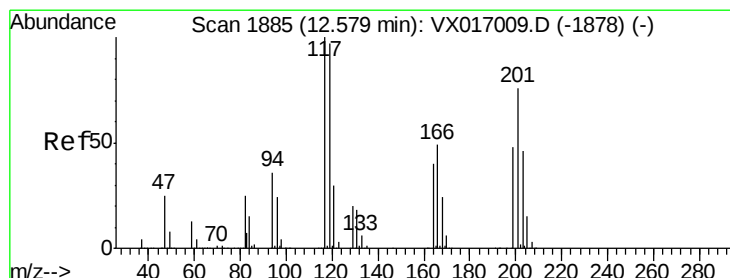
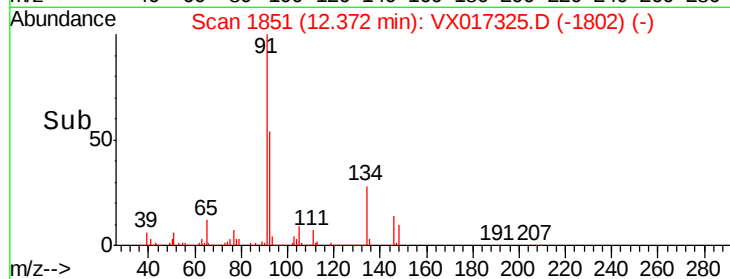
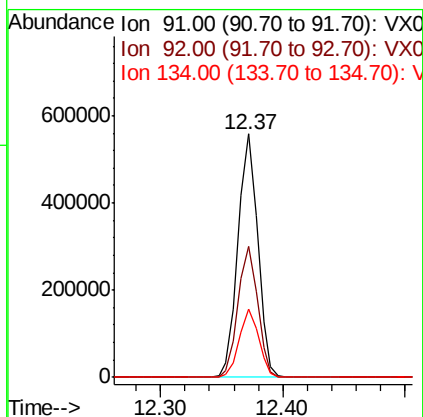
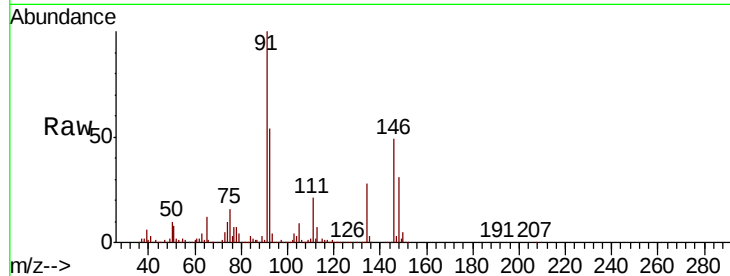




#89
n-Butylbenzene
Concen: 51.198 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

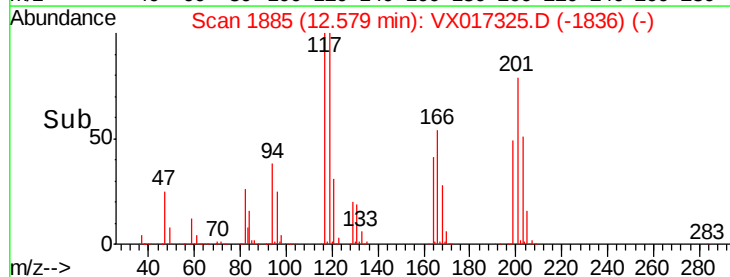
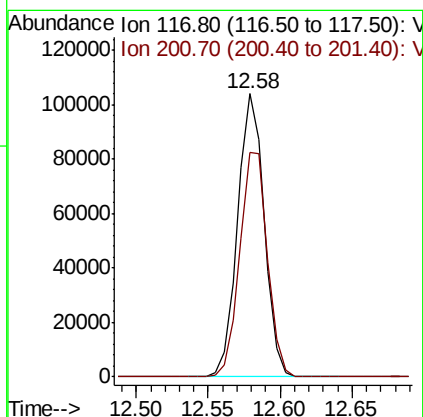
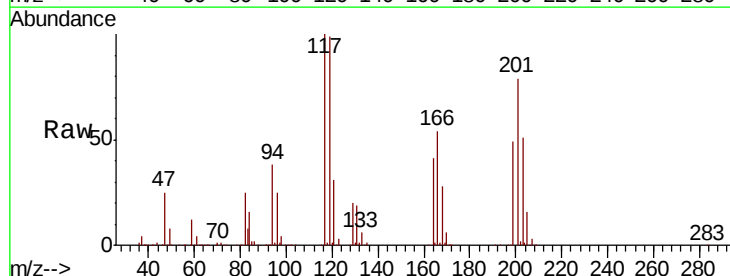
Instrument :
MSVOA_X
ClientSampleId :

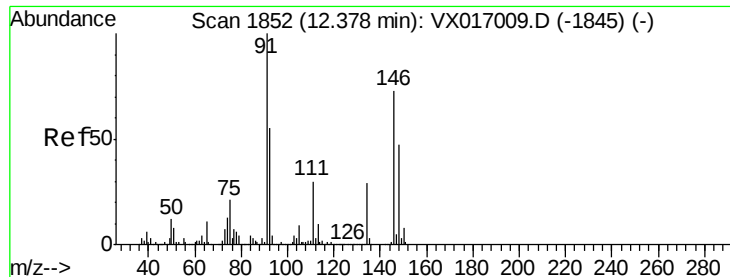
Tot Ion: 91 Resp: 621189
Ion Ratio Lower Upper
91 100
92 53.8 27.2 81.6
134 27.6 13.6 40.7



#90
Hexachloroethane
Concen: 49.794 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

Tgt Ion: 117 Resp: 133431
Ion Ratio Lower Upper
117 100
201 82.5 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 49.839 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

Instrument :

MSVOA_X

ClientSampleId :

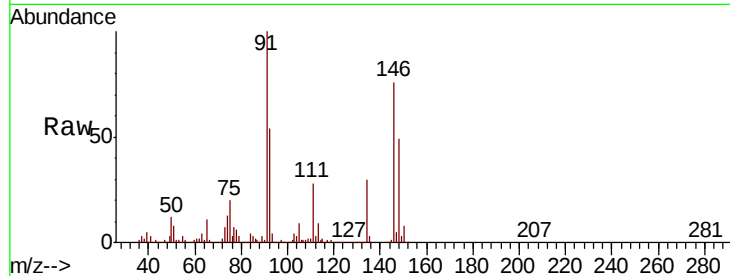
Tot Ion:146 Resp: 354633

Ion Ratio Lower Upper

146 100

111 40.4 20.6 61.9

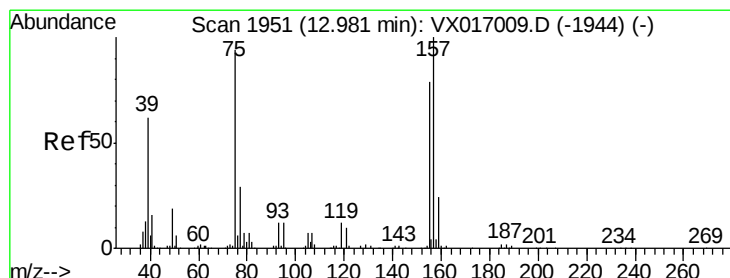
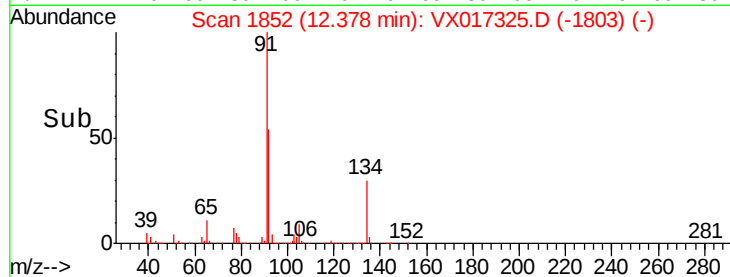
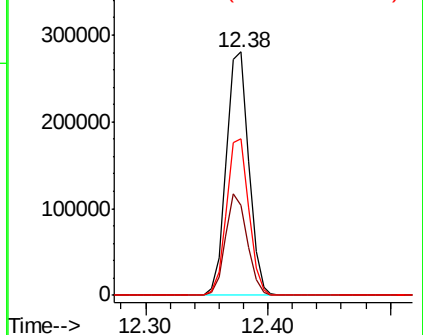
148 63.9 32.4 97.2



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: 45.820 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017325.D

Acq: 10 Jul 2020 10:53

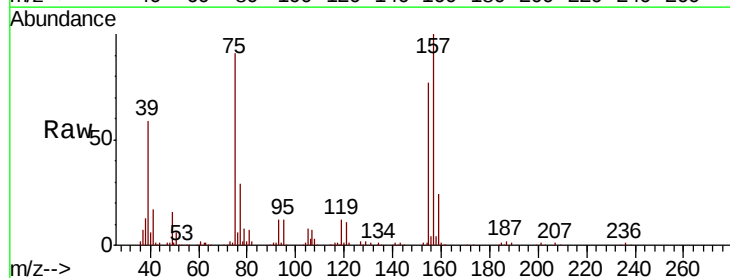
Tgt Ion: 75 Resp: 52435

Ion Ratio Lower Upper

75 100

155 91.1 45.1 135.2

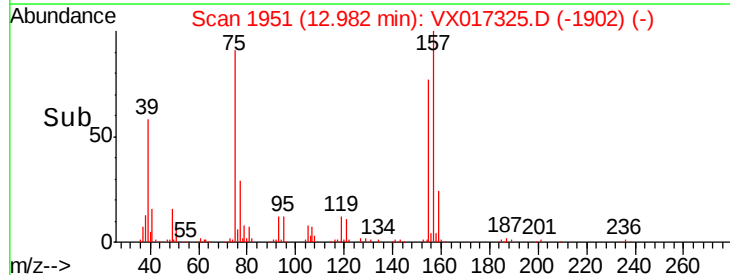
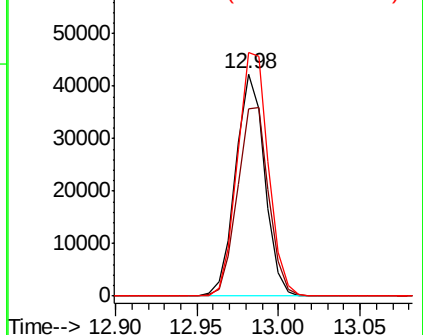
157 116.7 56.5 169.3

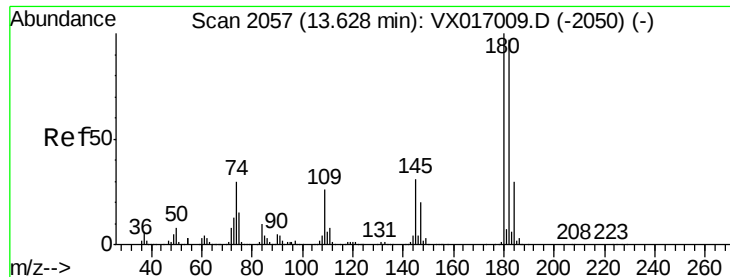


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

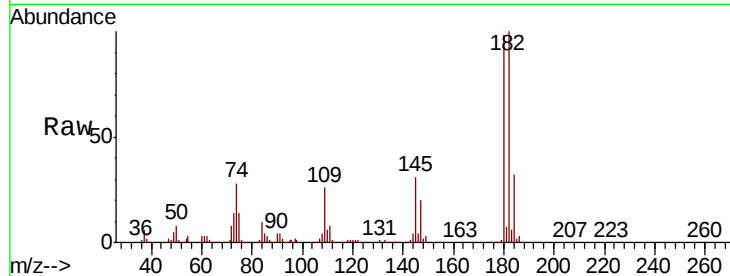




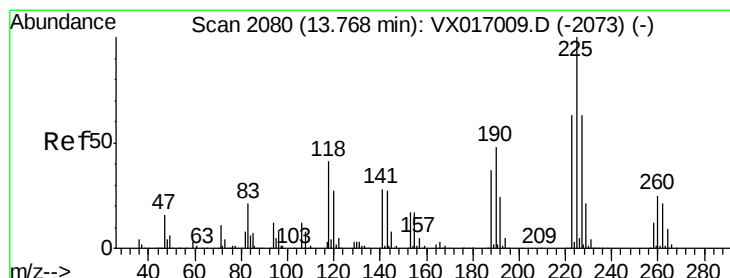
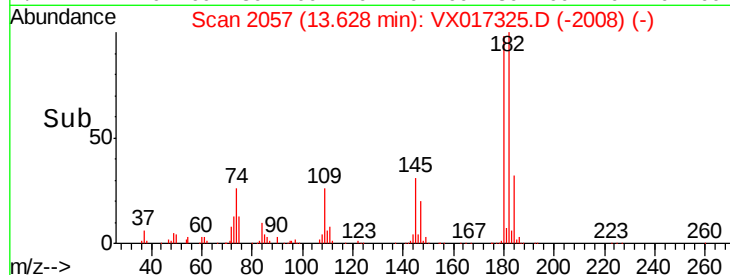
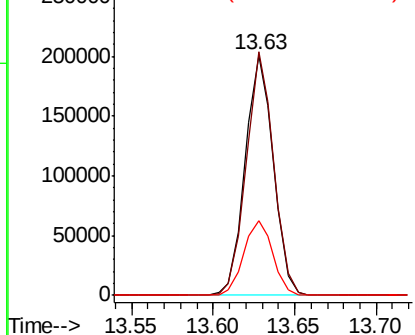
#93
 1,2,4-Trichlorobenzene
 Concen: 49.831 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017325.D
 Acq: 10 Jul 2020 10:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.5	47.3	141.9
145	31.9	15.4	46.2

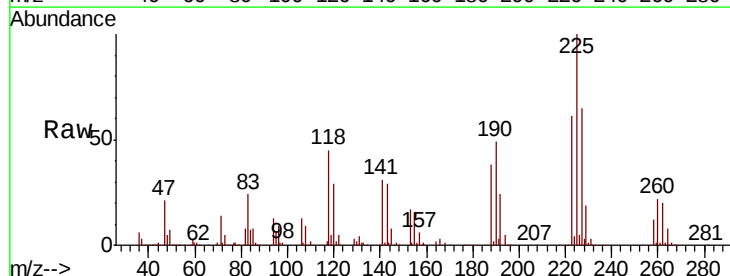


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

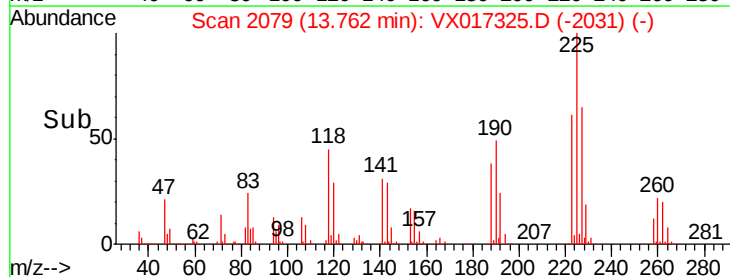
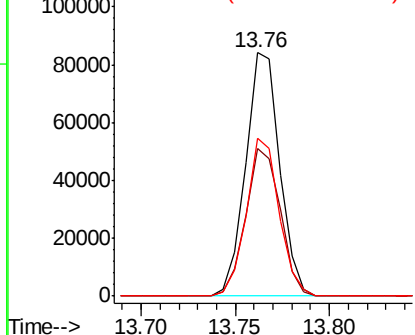


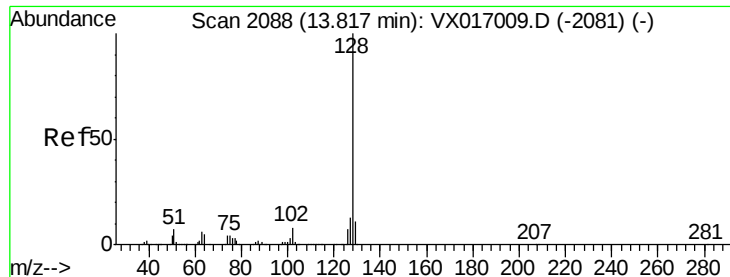
#94
 Hexachlorobutadiene
 Concen: 57.117 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017325.D
 Acq: 10 Jul 2020 10:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	32.5	97.5
227	62.8	33.1	99.2



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

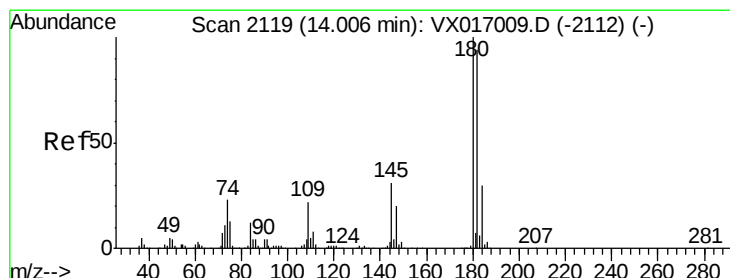
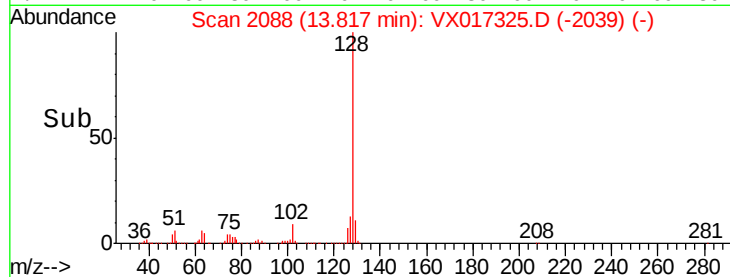
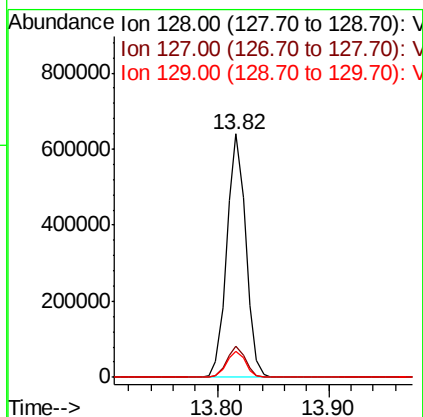
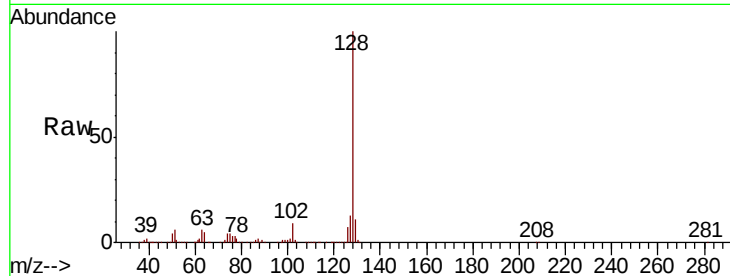




#95
Naphthalene
Concen: 50.914 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 751760
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.981 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017325.D
Acq: 10 Jul 2020 10:53

Tgt Ion:180 Resp: 239618
Ion Ratio Lower Upper
180 100
182 95.9 47.1 141.4
145 32.7 16.6 49.7

