

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111518\
 Data File : VX006017.D
 Acq On : 15 Nov 2018 11:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 15 16:37:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	136118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	202174	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	179048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	99968	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	72348	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
35) Dibromofluoromethane	5.50	113	62159	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	
50) Toluene-d8	8.71	98	219262	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
62) 4-Bromofluorobenzene	11.13	95	83638	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	55339	45.09	ug/l	99
3) Chloromethane	1.32	50	69747	43.30	ug/l	98
4) Vinyl Chloride	1.41	62	75433	46.65	ug/l	92
5) Bromomethane	1.64	94	42084	42.53	ug/l	94
6) Chloroethane	1.71	64	44053	45.66	ug/l	99
7) Trichlorofluoromethane	1.93	101	95566	44.53	ug/l	98
8) Diethyl Ether	2.19	74	40788	48.50	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	60992	49.41	ug/l	99
10) Methyl Iodide	2.51	142	74909	50.07	ug/l	96
11) Tert butyl alcohol	3.07	59	101485	226.39	ug/l	100
12) 1,1-Dichloroethene	2.37	96	53973	44.86	ug/l	96
13) Acrolein	2.29	56	56392	262.77	ug/l	98
14) Allyl chloride	2.73	41	124793	46.44	ug/l	98
15) Acrylonitrile	3.15	53	229686	247.24	ug/l	99
16) Acetone	2.45	43	195672	232.24	ug/l	99
17) Carbon Disulfide	2.57	76	146661	40.87	ug/l	100
18) Methyl Acetate	2.78	43	116887	51.82	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	213551	52.00	ug/l	94
20) Methylene Chloride	2.85	84	65618	47.41	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	59212	46.66	ug/l	98
22) Diisopropyl ether	3.87	45	236181	50.17	ug/l	# 96
23) Vinyl Acetate	3.82	43	1013908	251.22	ug/l	100
24) 1,1-Dichloroethane	3.70	63	119294	47.50	ug/l	99
25) 2-Butanone	4.70	43	324687	245.11	ug/l	100
26) 2,2-Dichloropropane	4.58	77	97946	53.17	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	71367	50.93	ug/l	99
28) Bromochloromethane	5.02	49	58175	51.83	ug/l	98
29) Tetrahydrofuran	5.15	42	204819	240.82	ug/l	99
30) Chloroform	5.21	83	117213	48.38	ug/l	94
31) Cyclohexane	5.58	56	102359	46.95	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	95905	47.46	ug/l	98
36) 1,1-Dichloropropene	5.80	75	85536	43.89	ug/l	98
37) Ethyl Acetate	4.86	43	118859	46.38	ug/l	100
38) Carbon Tetrachloride	5.79	117	83300	42.69	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94803	47.99	ug/l	97
40) Benzene	6.15	78	243571	42.87	ug/l	99
41) Methacrylonitrile	5.06	41	66468	47.99	ug/l	98
42) 1,2-Dichloroethane	6.20	62	89479	43.97	ug/l	99
43) Isopropyl Acetate	6.46	43	165776	44.64	ug/l	96
44) Trichloroethene	7.21	130	67396	46.71	ug/l	98
45) 1,2-Dichloropropane	7.52	63	66118	47.94	ug/l	99
46) Dibromomethane	7.66	93	41338	47.77	ug/l	100
47) Bromodichloromethane	7.90	83	80592	49.28	ug/l	98
48) Methyl methacrylate	7.77	41	84820	50.86	ug/l	98
49) 1,4-Dioxane	7.75	88	35632	991.61	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	569404	243.27	ug/l	98
52) Toluene	8.79	92	149729	47.15	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	93467	48.43	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	100798	51.24	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	62880	44.43	ug/l	98
56) Ethyl methacrylate	9.18	69	103367	48.81	ug/l	97
57) 1,3-Dichloropropane	9.37	76	106443	44.76	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	266506	231.60	ug/l	100
59) 2-Hexanone	9.49	43	451110	218.65	ug/l	98
60) Dibromochloromethane	9.59	129	65327	42.71	ug/l	99
61) 1,2-Dibromoethane	9.67	107	65336	41.75	ug/l	100
64) Tetrachloroethene	9.34	164	67834	44.50	ug/l	98
65) Chlorobenzene	10.14	112	171446	47.80	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	62264	49.93	ug/l	99
67) Ethyl Benzene	10.25	91	295678	51.41	ug/l	99
68) m/p-Xylenes	10.36	106	228894	104.33	ug/l	100
69) o-Xylene	10.70	106	109623	55.72	ug/l	100
70) Styrene	10.71	104	185259	57.09	ug/l	100
71) Bromoform	10.86	173	53545	51.22	ug/l #	99
73) Isopropylbenzene	11.02	105	303902	52.57	ug/l	99
74) N-amyl acetate	10.90	43	152495	47.09	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	103291	48.68	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	127541	62.66	ug/l	84
77) Bromobenzene	11.26	156	78951	48.45	ug/l	99
78) n-propylbenzene	11.36	91	354895	52.09	ug/l	100
79) 2-Chlorotoluene	11.42	91	207714	50.44	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	258774	52.67	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	33396	52.29	ug/l	96
82) 4-Chlorotoluene	11.51	91	246541	50.80	ug/l	100
83) tert-Butylbenzene	11.77	119	256337	51.58	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	266948	49.24	ug/l	100
85) sec-Butylbenzene	11.94	105	313918	51.65	ug/l	100
86) p-Isopropyltoluene	12.07	119	285002	52.94	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	148511	47.49	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	151581	47.35	ug/l	100
89) n-Butylbenzene	12.39	91	256275	51.36	ug/l	100
90) Hexachloroethane	12.60	117	44331	49.32	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	148477	47.40	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25401	49.06	ug/l	97

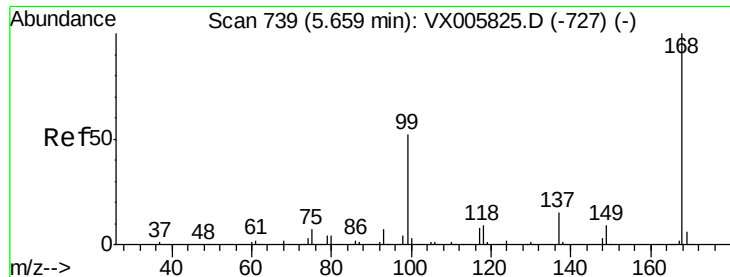
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX111518\
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QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	114061	51.72	ug/l	100
94) Hexachlorobutadiene	13.79	225	57011	49.21	ug/l	98
95) Naphthalene	13.83	128	348474	48.49	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	115842	51.56	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

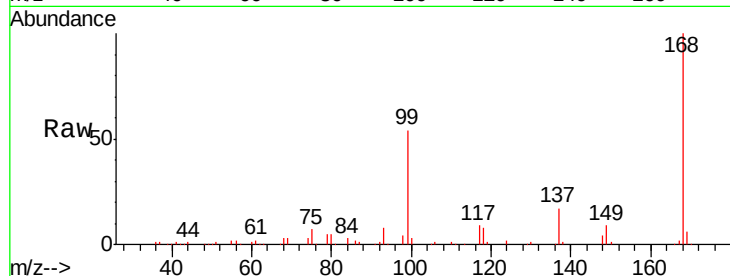
VSTDCCC050

Tgt Ion:168 Resp: 136118

Ion Ratio Lower Upper

168 100

99 54.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

50000

40000

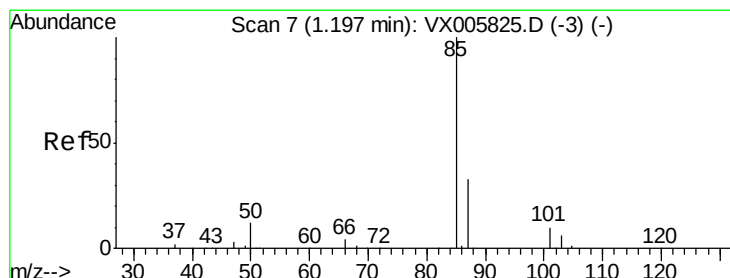
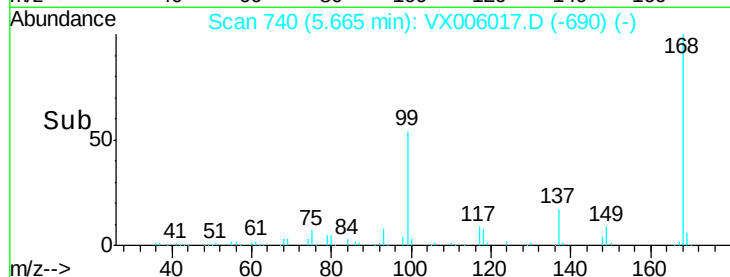
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 45.09 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006017.D

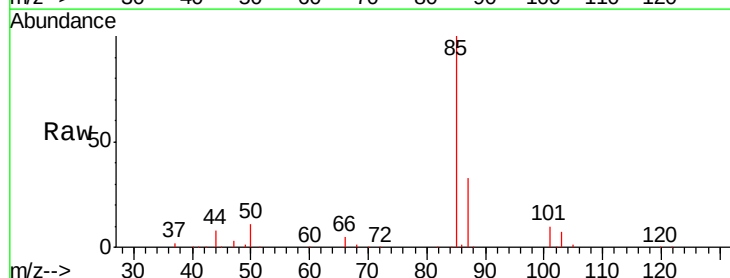
Acq: 15 Nov 2018 11:59

Tgt Ion: 85 Resp: 55339

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

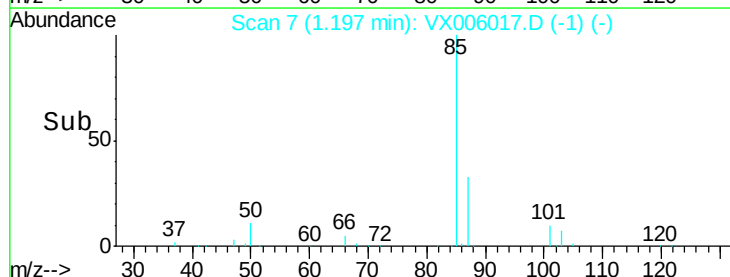
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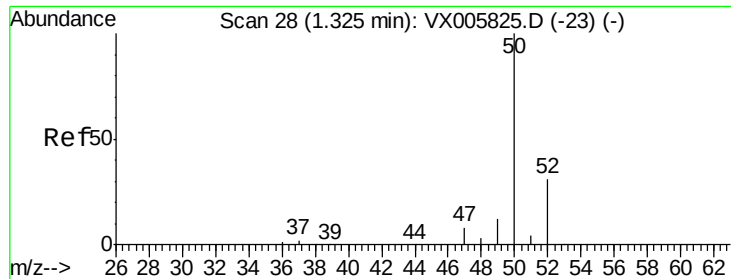
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 43.30 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

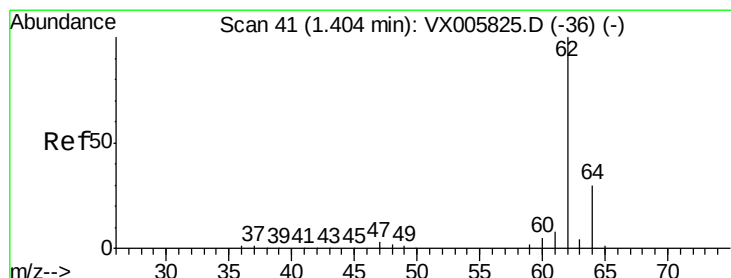
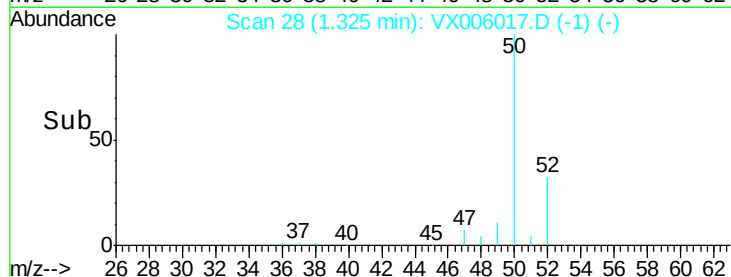
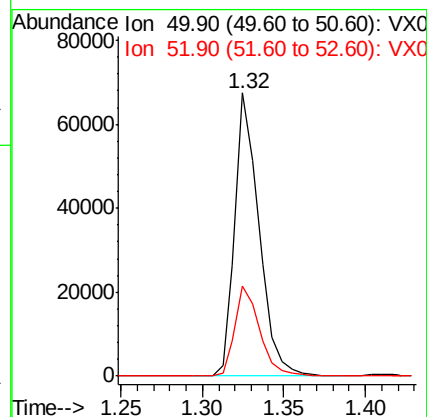
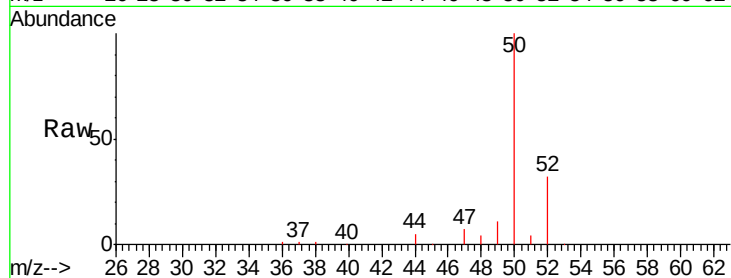
VSTDCCC050

Tgt Ion: 50 Resp: 69747

Ion Ratio Lower Upper

50 100

52 31.8 26.2 39.2



#4

Vinyl Chloride

Concen: 46.65 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX006017.D

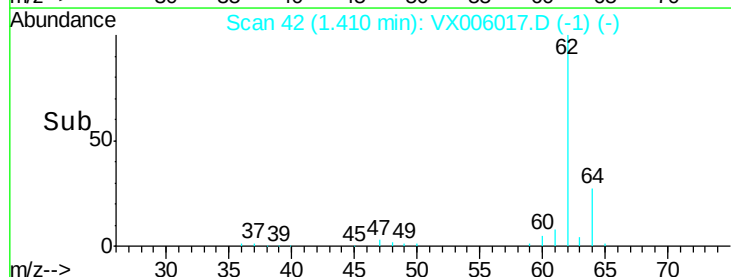
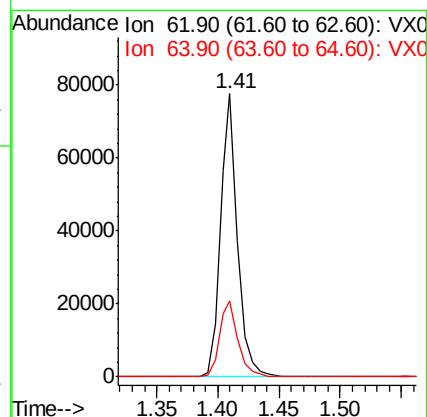
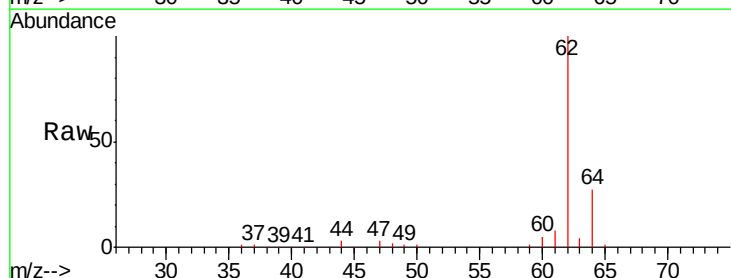
Acq: 15 Nov 2018 11:59

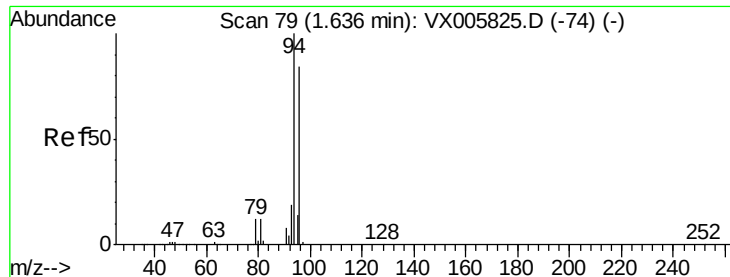
Tgt Ion: 62 Resp: 75433

Ion Ratio Lower Upper

62 100

64 27.1 25.3 37.9





#5

Bromomethane

Concen: 42.53 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

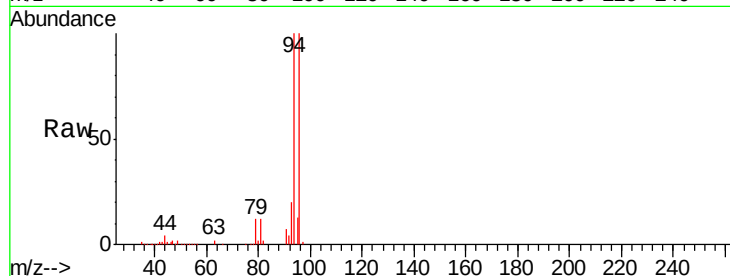
VSTDCCC050

Tgt Ion: 94 Resp: 42084

Ion Ratio Lower Upper

94 100

96 99.7 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

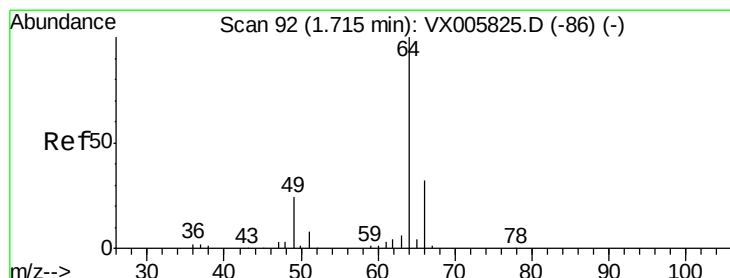
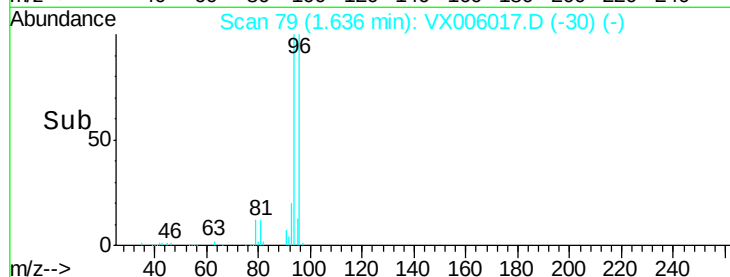
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 45.66 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006017.D

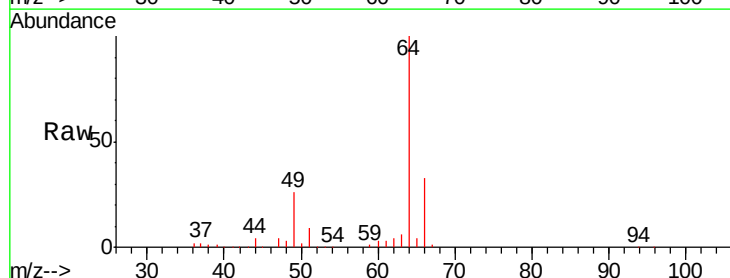
Acq: 15 Nov 2018 11:59

Tgt Ion: 64 Resp: 44053

Ion Ratio Lower Upper

64 100

66 32.9 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

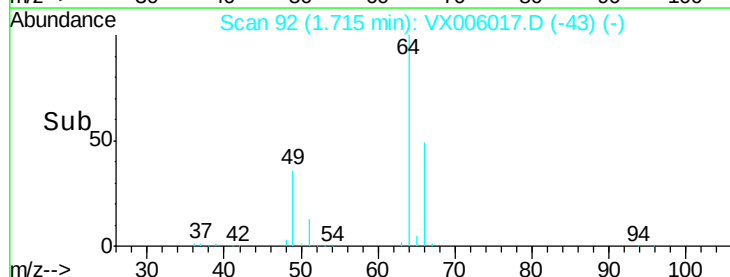
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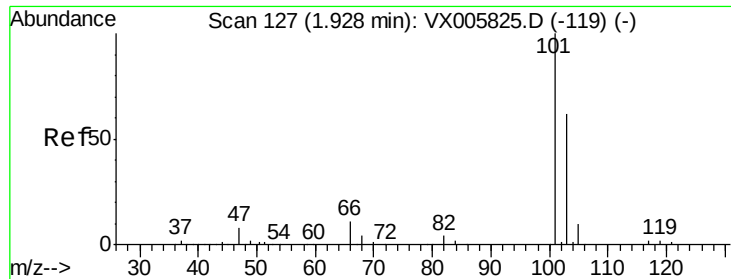
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Time-->



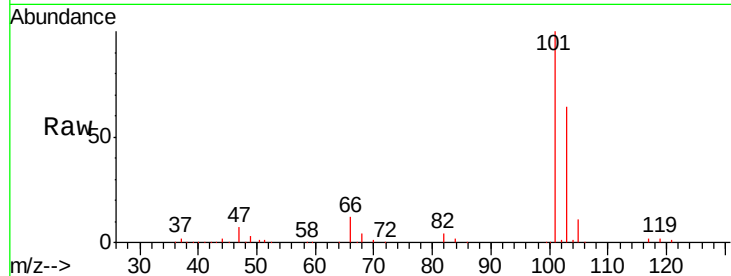


#7

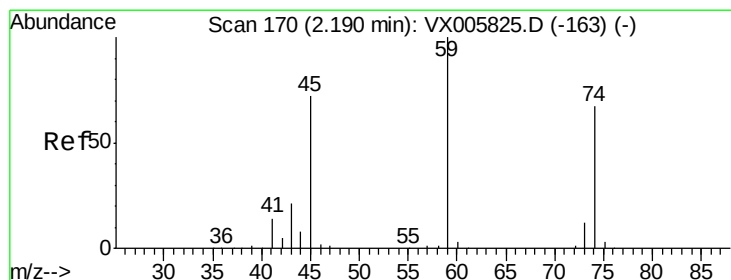
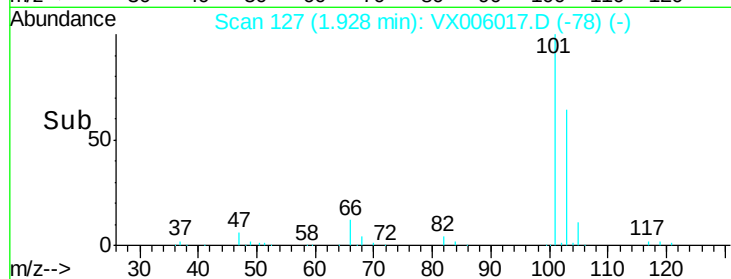
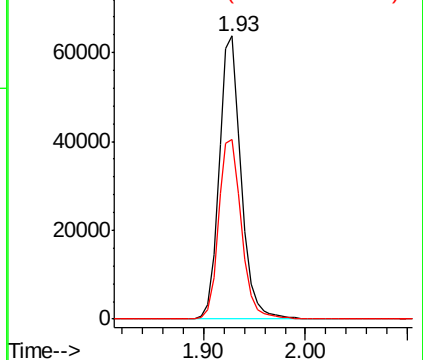
Trichlorofluoromethane
 Concen: 44.53 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX006017.D
 Acq: 15 Nov 2018 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 101 Resp: 95566
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.0 75.0



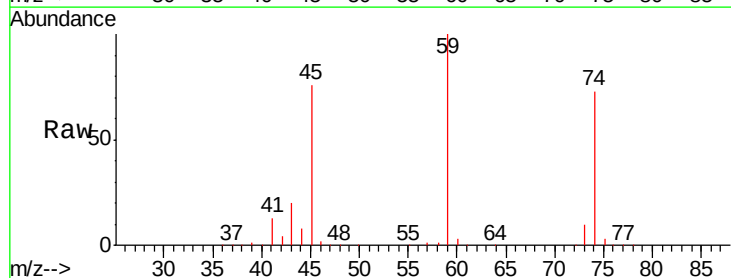
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



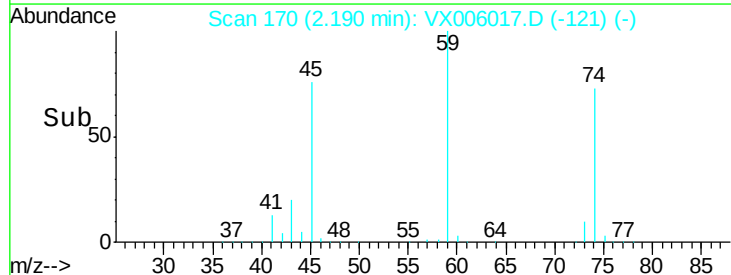
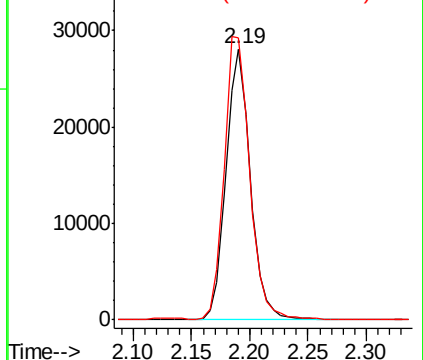
#8

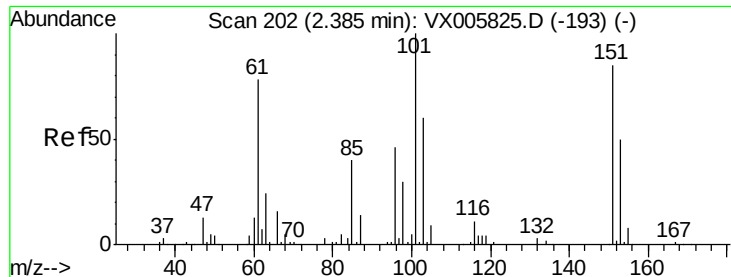
Diethyl Ether
 Concen: 48.50 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006017.D
 Acq: 15 Nov 2018 11:59

Tgt Ion: 74 Resp: 40788
 Ion Ratio Lower Upper
 74 100
 45 108.8 54.1 162.3



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: 49.41 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

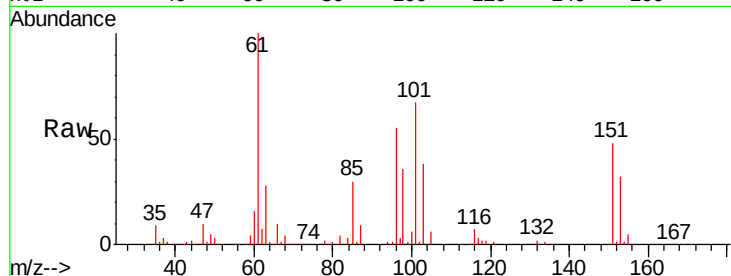
Tgt Ion:101 Resp: 60992

Ion Ratio Lower Upper

101 100

85 43.6 35.0 52.4

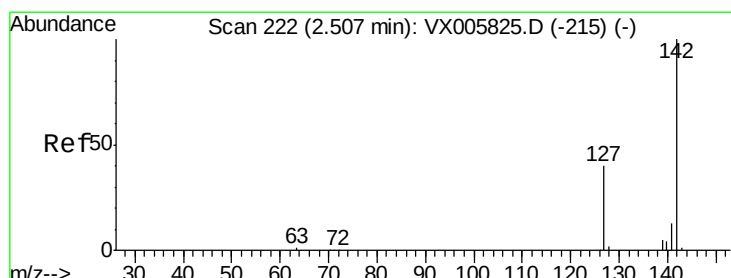
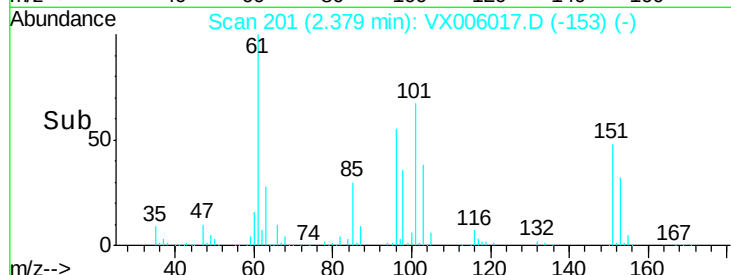
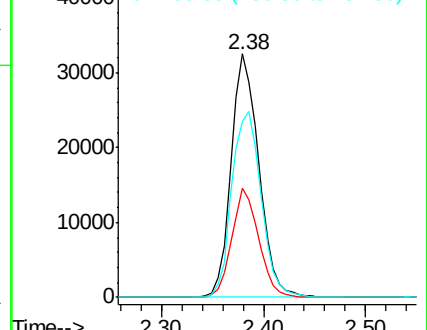
151 81.5 66.2 99.2



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: 50.07 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

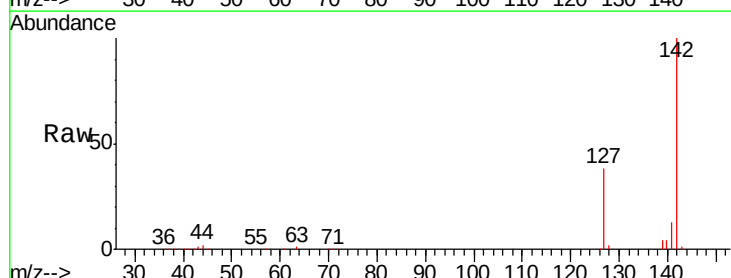
Tgt Ion:142 Resp: 74909

Ion Ratio Lower Upper

142 100

127 41.5 36.0 54.0

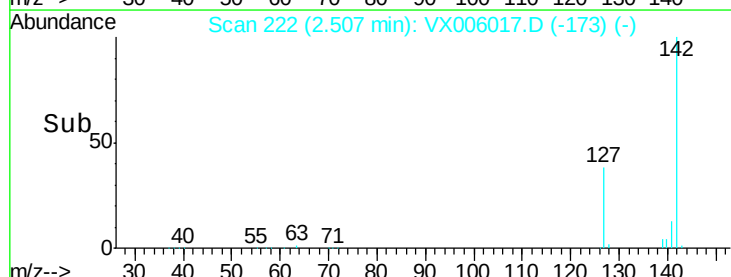
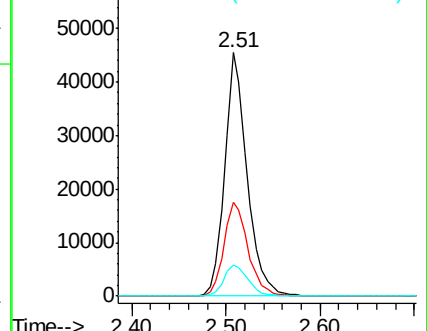
141 13.9 11.7 17.5

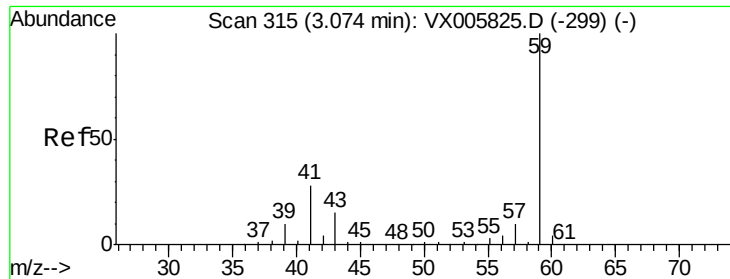


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



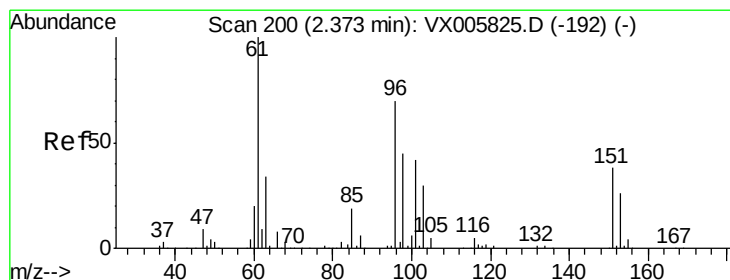
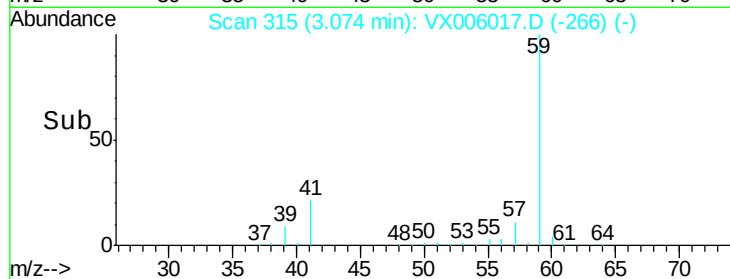
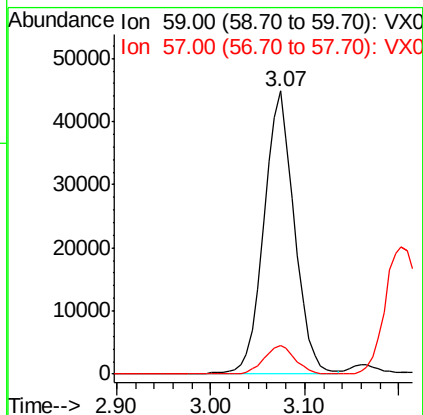
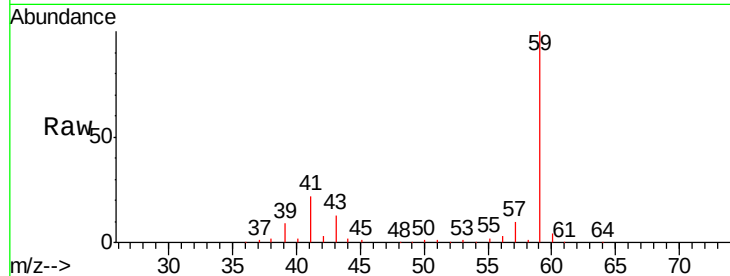


#11

Tert butyl alcohol
 Concen: 226.39 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX006017.D
 Acq: 15 Nov 2018 11:59

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

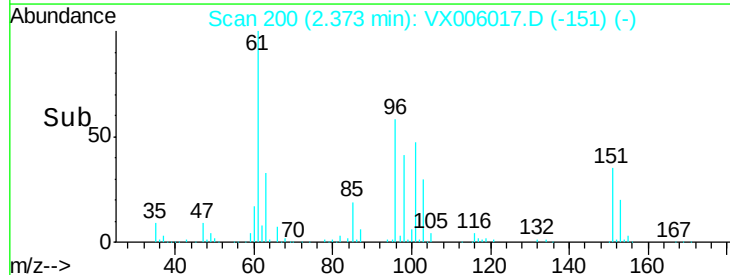
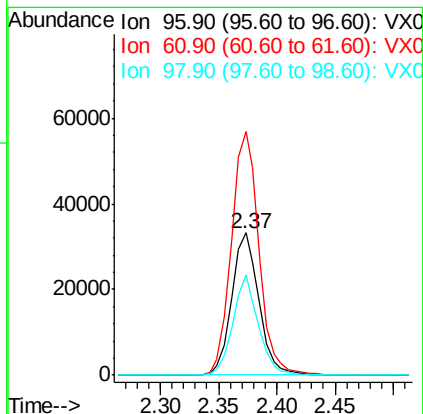
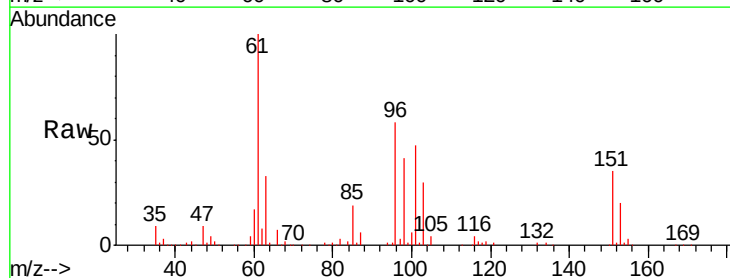
Tgt Ion: 59 Resp: 101485
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.5 12.7

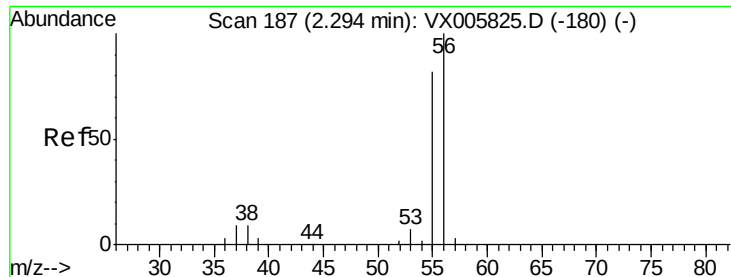


#12

1,1-Dichloroethene
 Concen: 44.86 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX006017.D
 Acq: 15 Nov 2018 11:59

Tgt Ion: 96 Resp: 53973
 Ion Ratio Lower Upper
 96 100
 61 171.0 131.8 197.8
 98 70.0 53.4 80.2





#13

Acrolein

Concen: 262.77 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

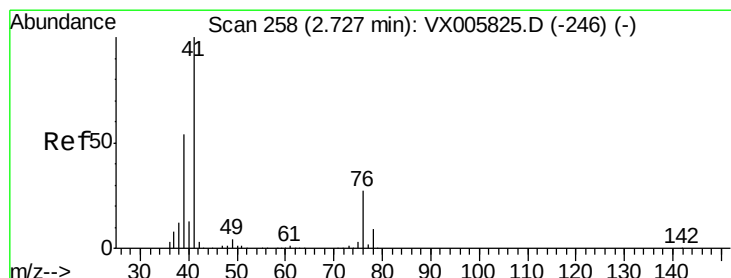
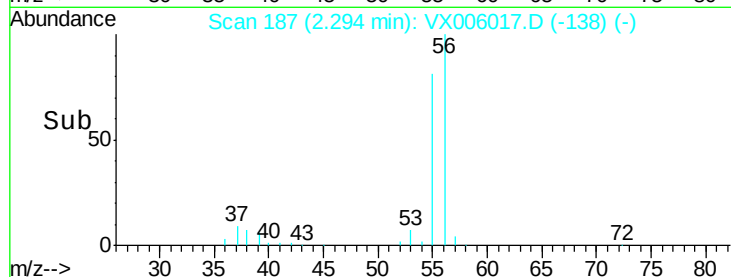
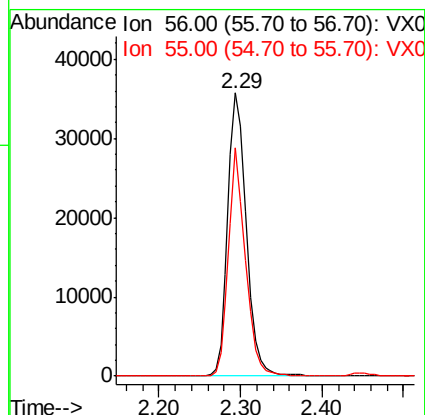
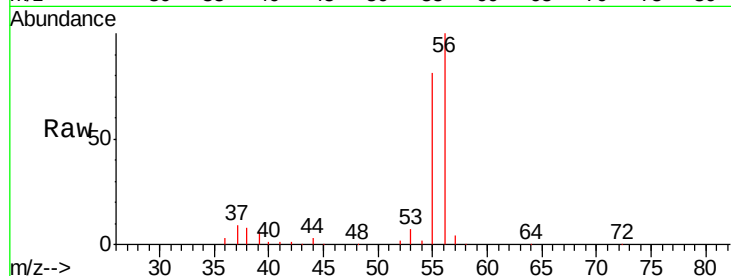
VSTDCCC050

Tgt Ion: 56 Resp: 56392

Ion Ratio Lower Upper

56 100

55 73.6 57.3 85.9



#14

Allyl chloride

Concen: 46.44 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

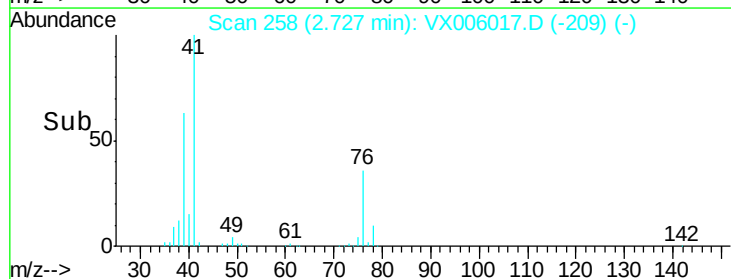
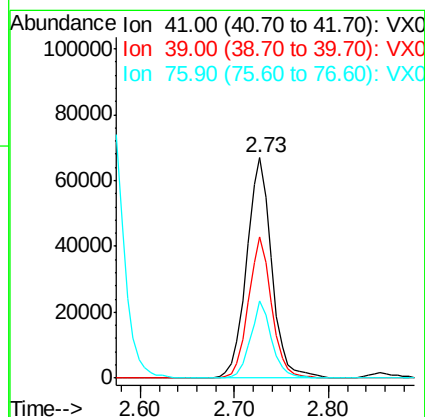
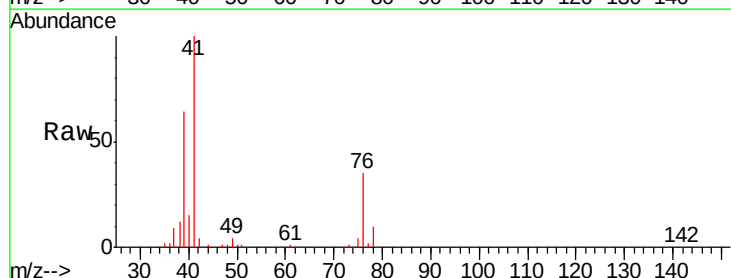
Tgt Ion: 41 Resp: 124793

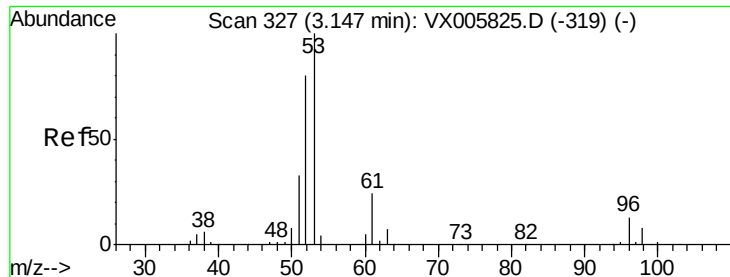
Ion Ratio Lower Upper

41 100

39 59.2 48.2 72.4

76 29.7 21.9 32.9





#15

Acrylonitrile

Concen: 247.24 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

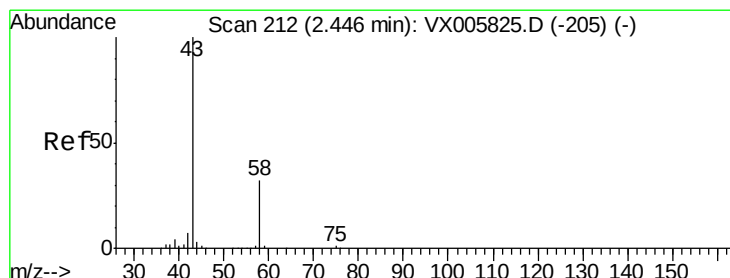
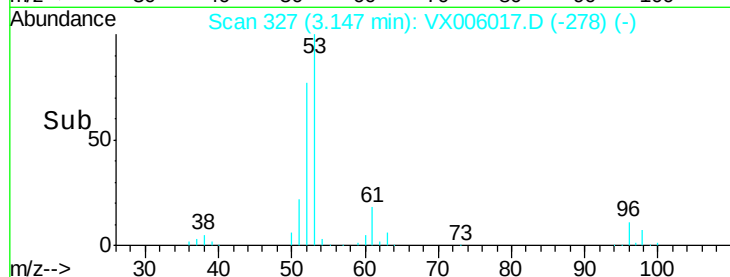
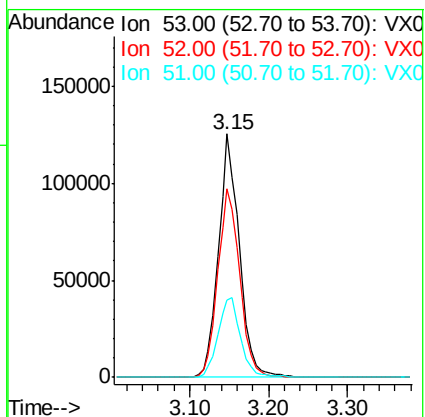
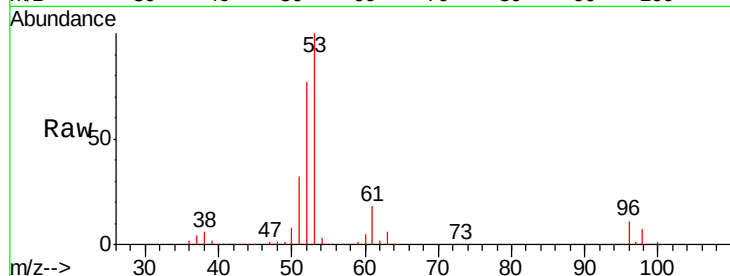
Tgt Ion: 53 Resp: 229686

Ion Ratio Lower Upper

53 100

52 81.8 66.6 99.8

51 35.9 28.4 42.6



#16

Acetone

Concen: 232.24 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006017.D

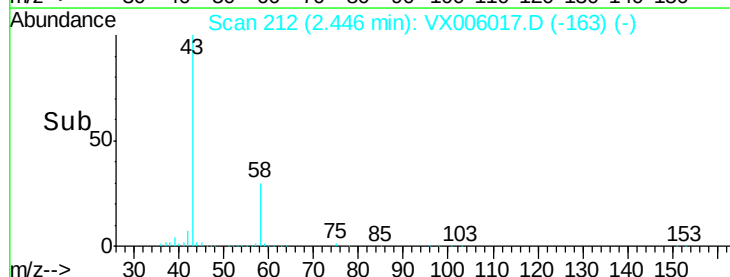
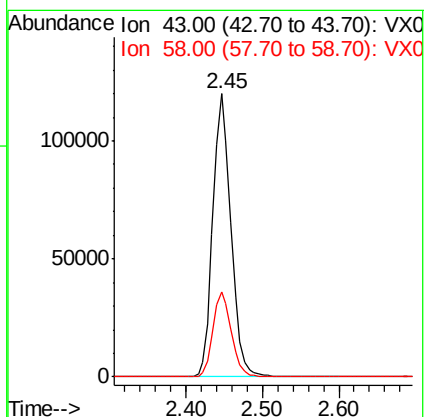
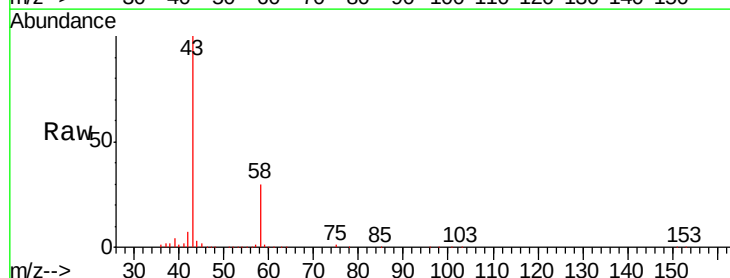
Acq: 15 Nov 2018 11:59

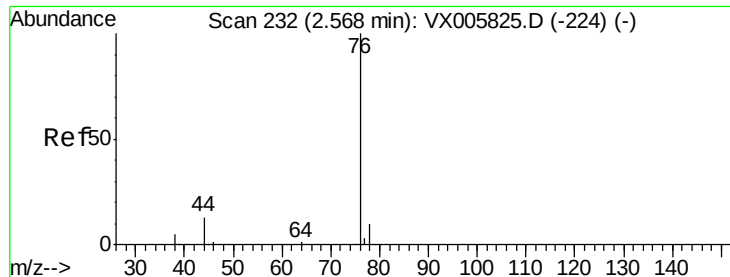
Tgt Ion: 43 Resp: 195672

Ion Ratio Lower Upper

43 100

58 30.0 23.8 35.6





#17

Carbon Disulfide

Concen: 40.87 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

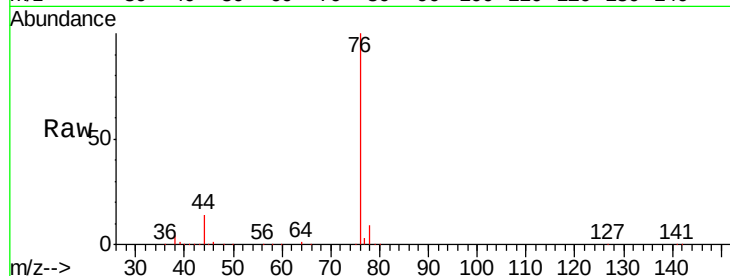
VSTDCCC050

Tgt Ion: 76 Resp: 146661

Ion Ratio Lower Upper

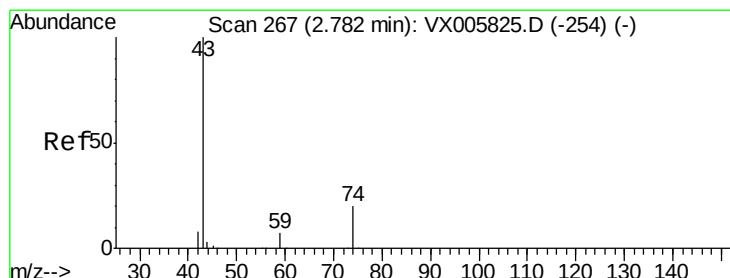
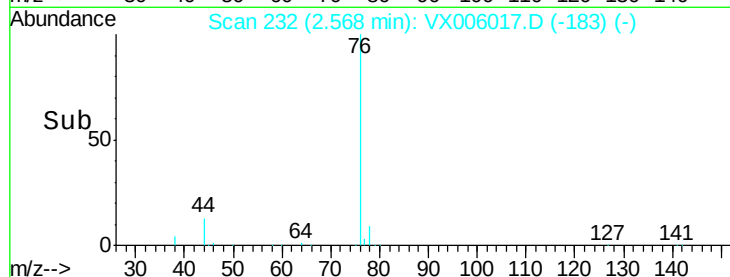
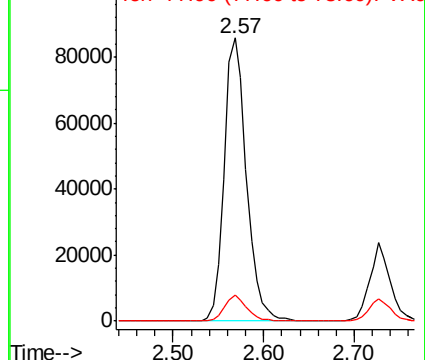
76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.82 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006017.D

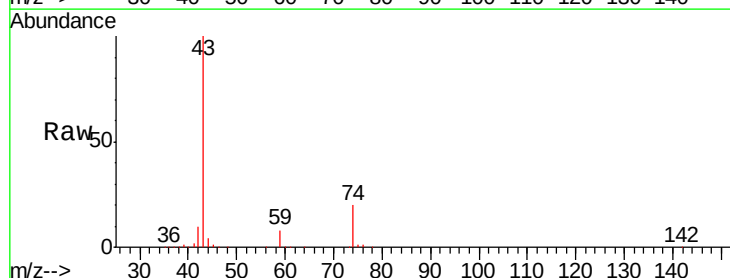
Acq: 15 Nov 2018 11:59

Tgt Ion: 43 Resp: 116887

Ion Ratio Lower Upper

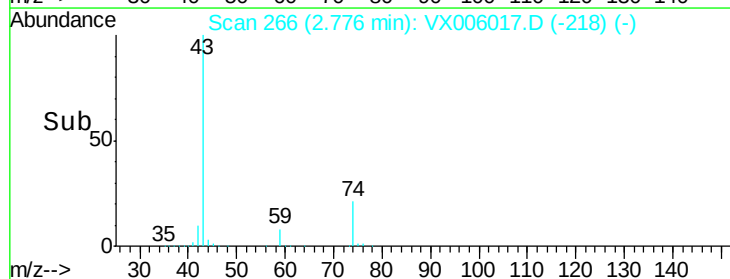
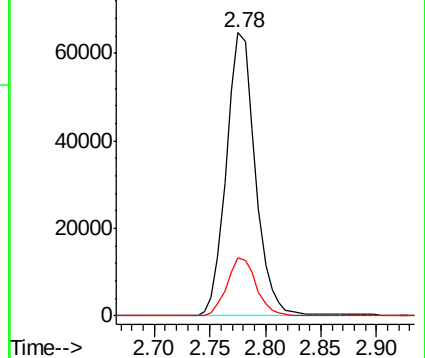
43 100

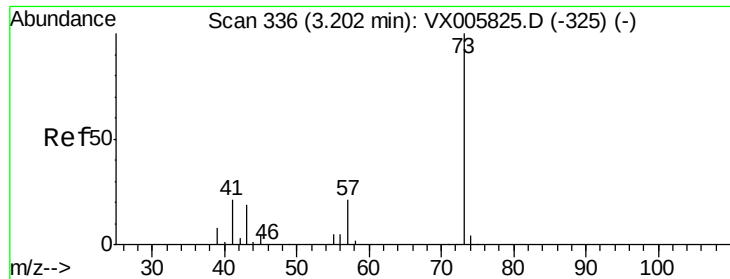
74 20.8 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

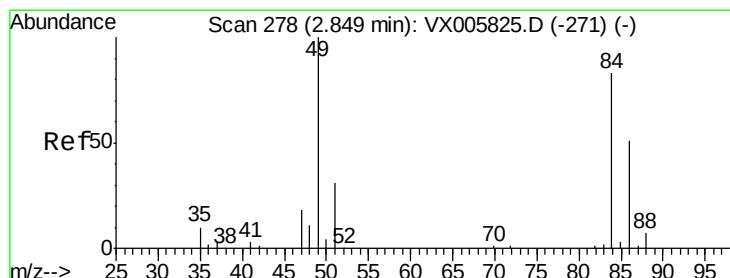
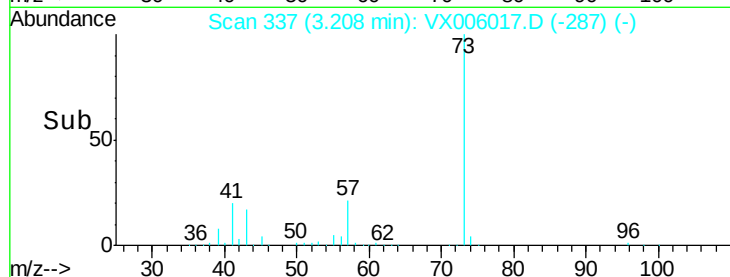
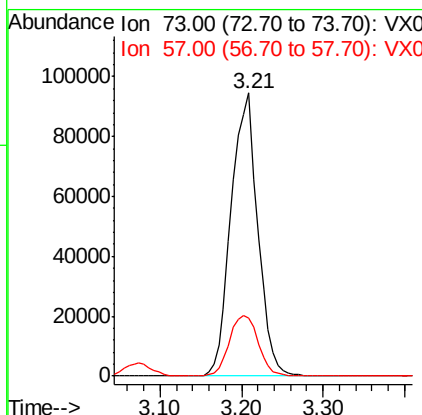
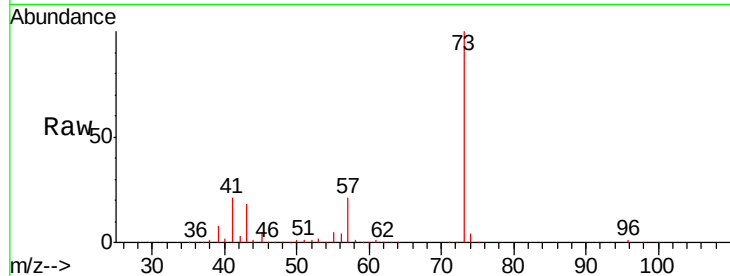




#19
Methyl tert-butyl Ether
Concen: 52.00 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

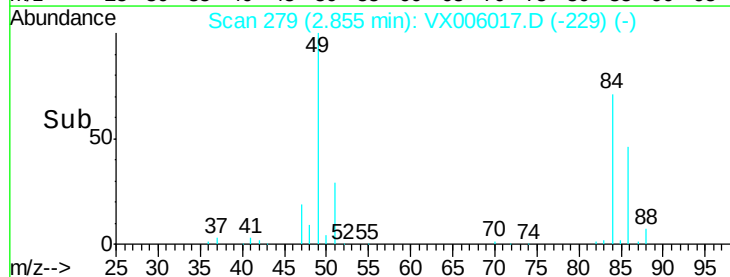
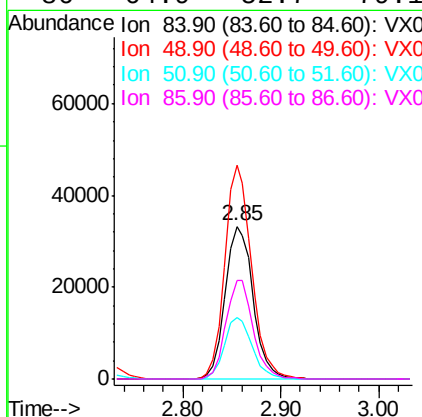
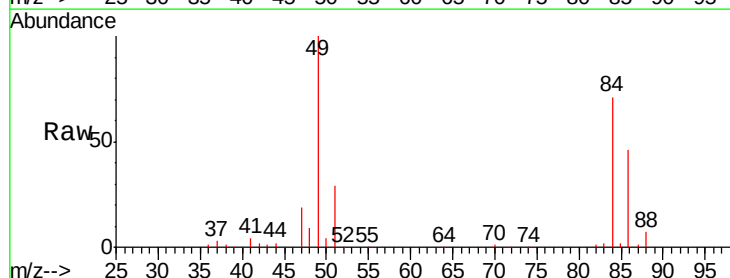
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

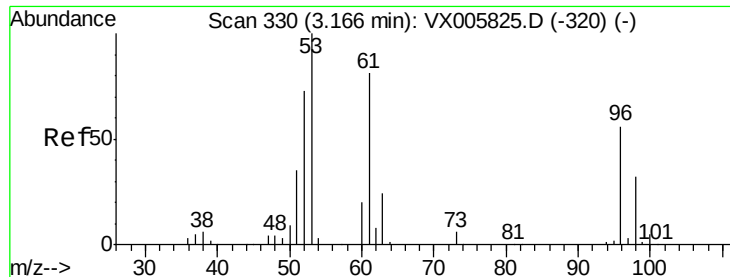
Tgt Ion: 73 Resp: 213551
Ion Ratio Lower Upper
73 100
57 20.6 18.8 28.2



#20
Methylene Chloride
Concen: 47.41 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

Tgt Ion: 84 Resp: 65618
Ion Ratio Lower Upper
84 100
49 140.0 109.5 164.3
51 40.3 33.3 49.9
86 64.9 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 46.66 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

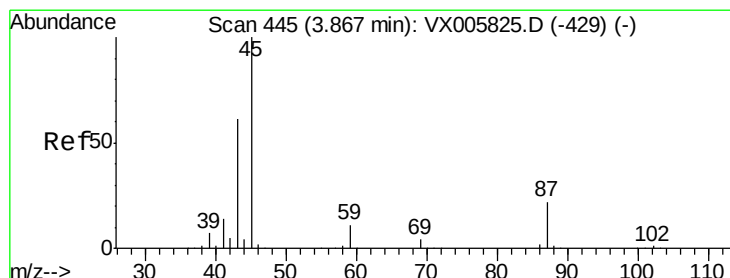
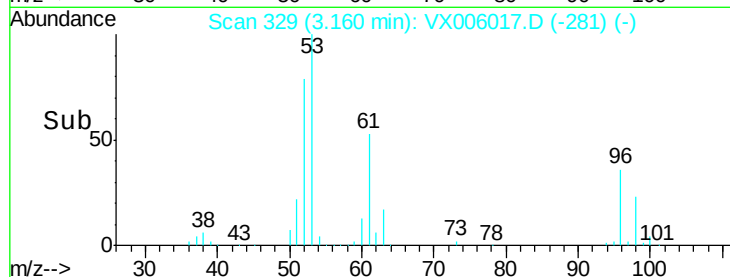
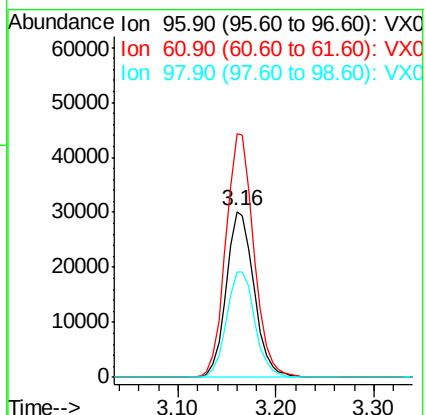
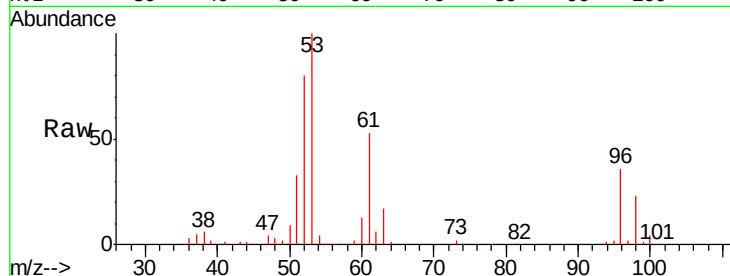
Tgt Ion: 96 Resp: 59212

Ion Ratio Lower Upper

96 100

61 147.0 115.6 173.4

98 63.7 50.2 75.2



#22

Diisopropyl ether

Concen: 50.17 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Tgt Ion: 45 Resp: 236181

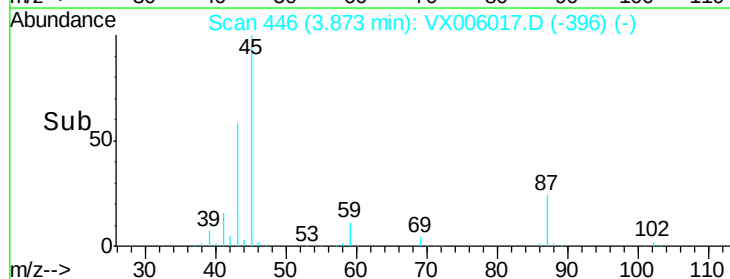
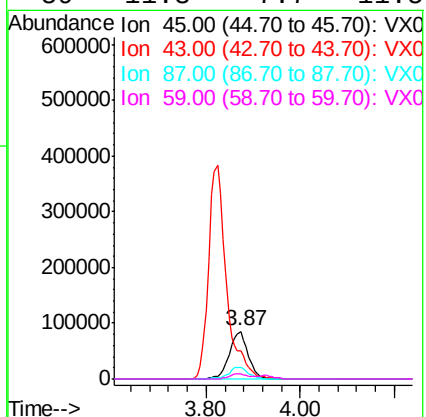
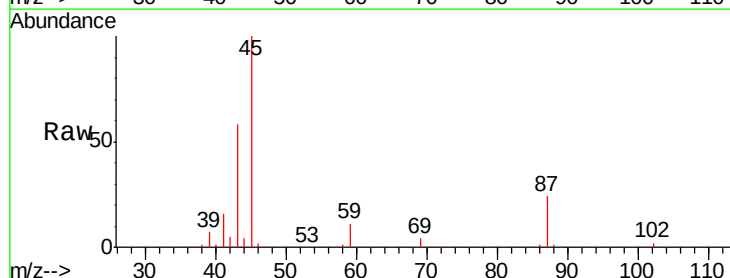
Ion Ratio Lower Upper

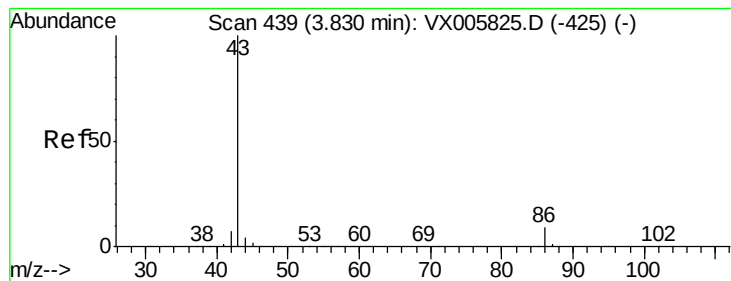
45 100

43 57.9 47.4 71.2

87 24.3 15.9 23.9#

59 11.3 7.7 11.5





#23

Vinyl Acetate

Concen: 251.22 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

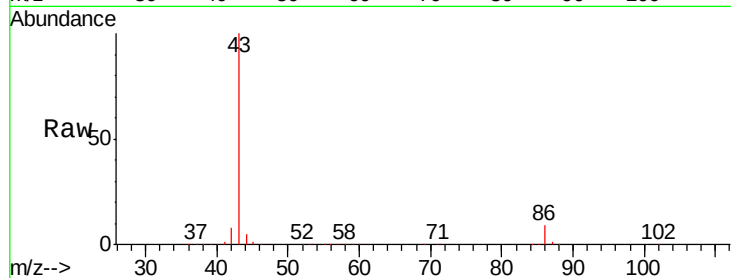
VSTDCCC050

Tgt Ion: 43 Resp: 1013908

Ion Ratio Lower Upper

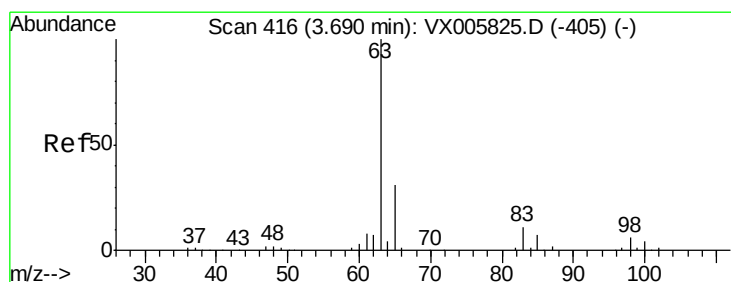
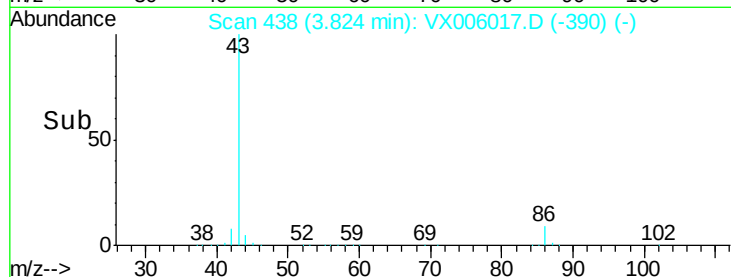
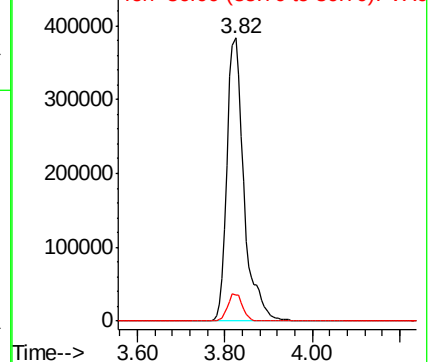
43 100

86 9.3 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.50 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

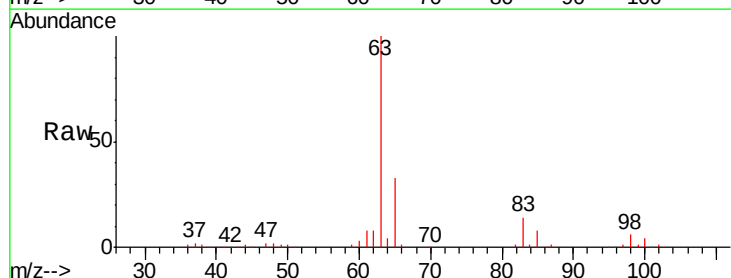
Tgt Ion: 63 Resp: 119294

Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

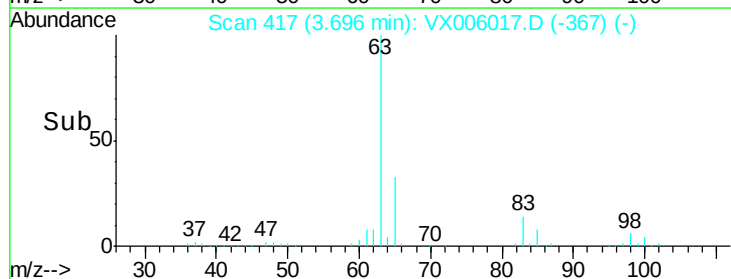
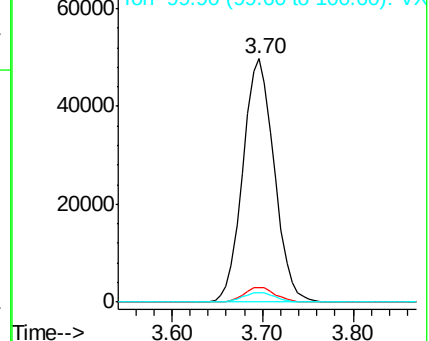
100 3.9 2.1 6.2

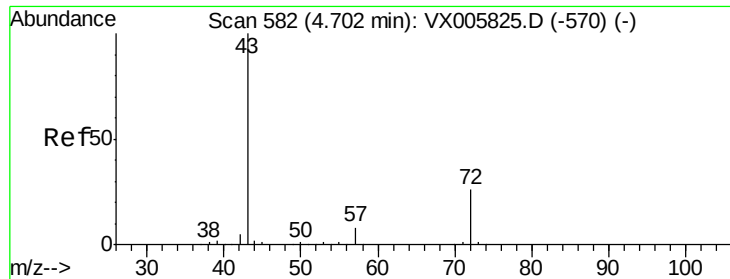


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 245.11 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

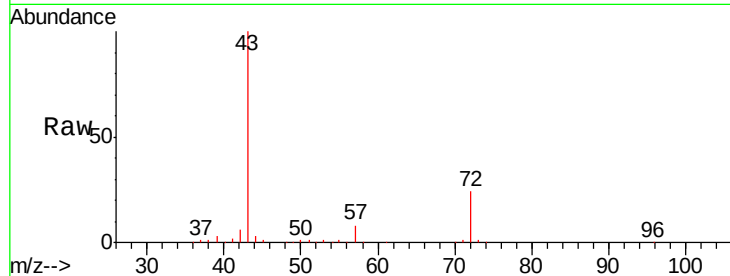
VSTDCCC050

Tgt Ion: 43 Resp: 324687

Ion Ratio Lower Upper

43 100

72 24.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

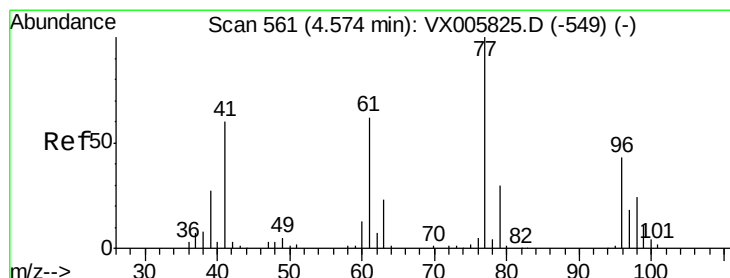
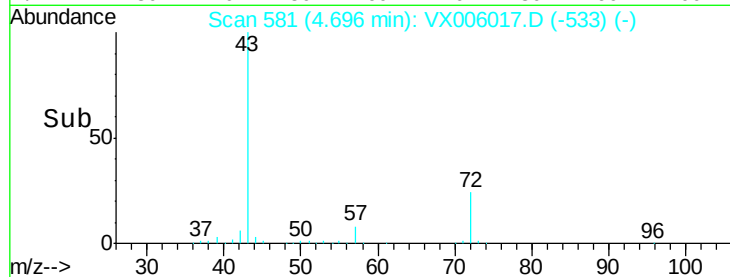
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 53.17 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX006017.D

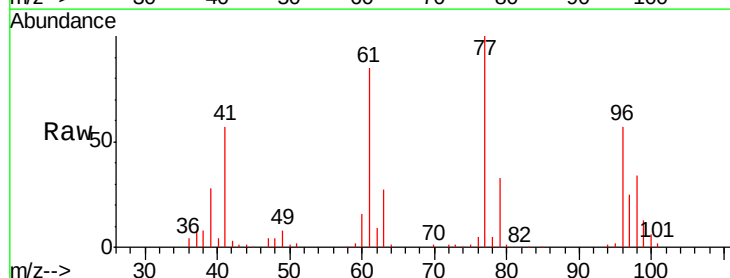
Acq: 15 Nov 2018 11:59

Tgt Ion: 77 Resp: 97946

Ion Ratio Lower Upper

77 100

97 23.2 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

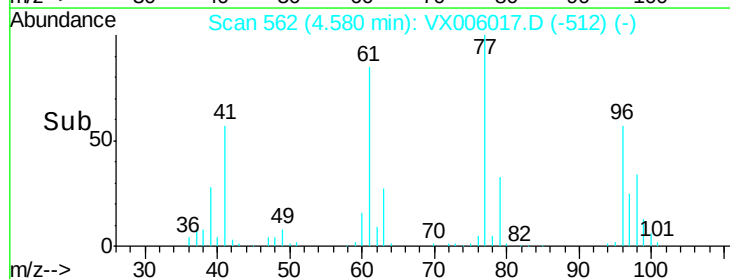
20000

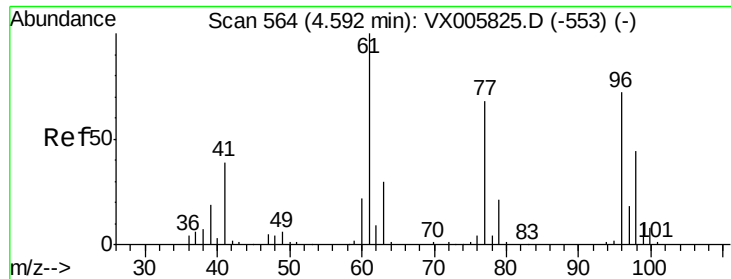
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 50.93 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

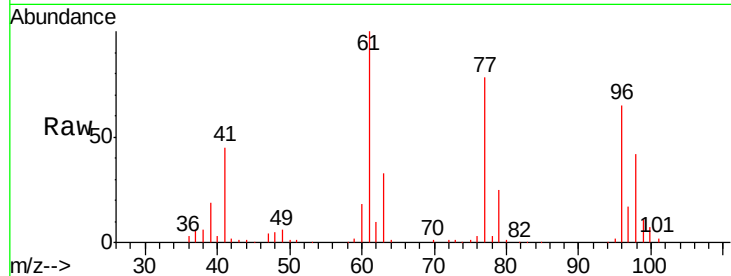
Tgt Ion: 96 Resp: 71367

Ion Ratio Lower Upper

96 100

61 153.8 0.0 304.6

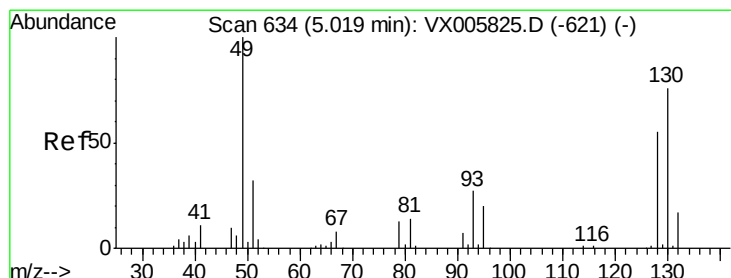
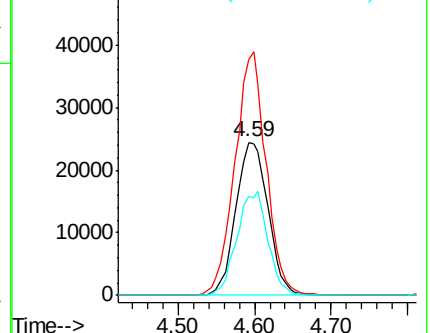
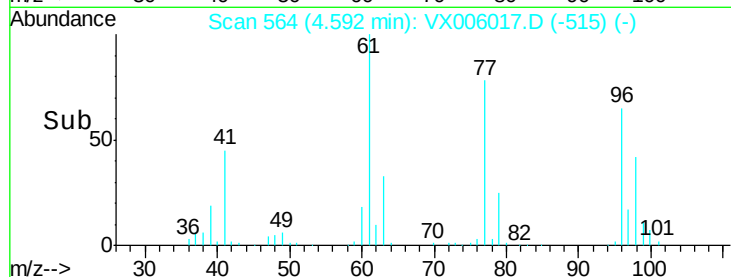
98 65.4 0.0 127.4



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



#28

Bromochloromethane

Concen: 51.83 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

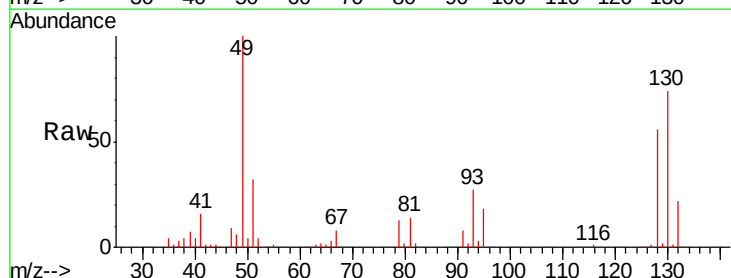
Tgt Ion: 49 Resp: 58175

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

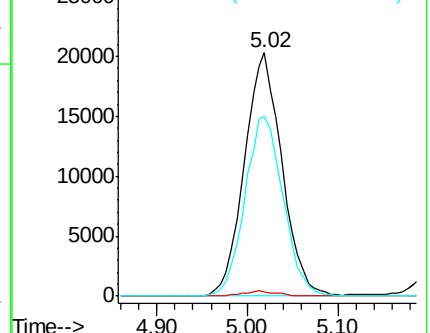
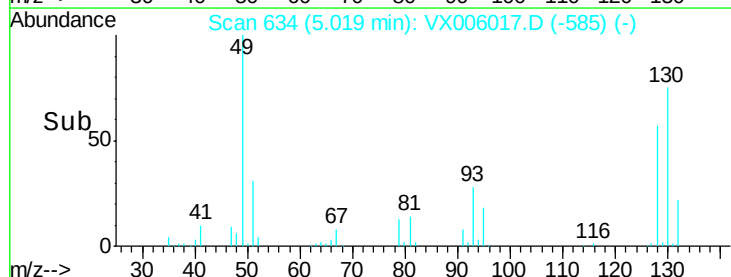
130 75.1 58.9 88.3

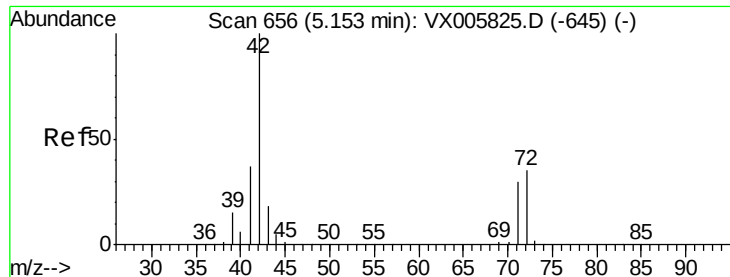


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

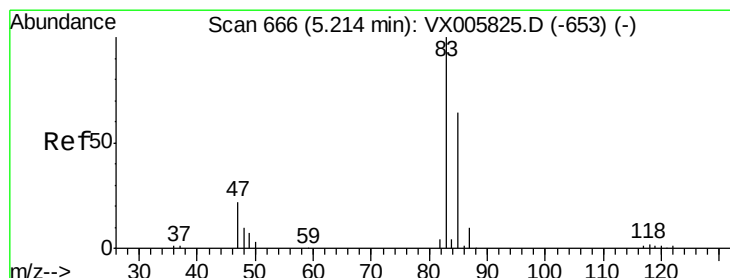
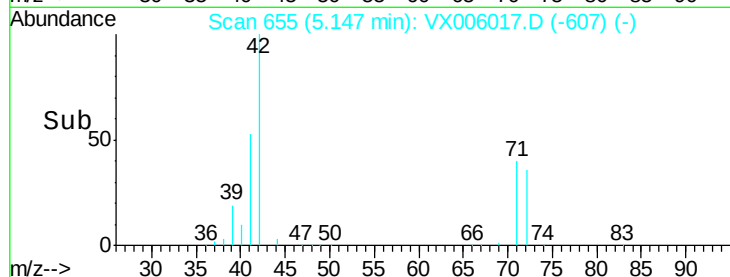
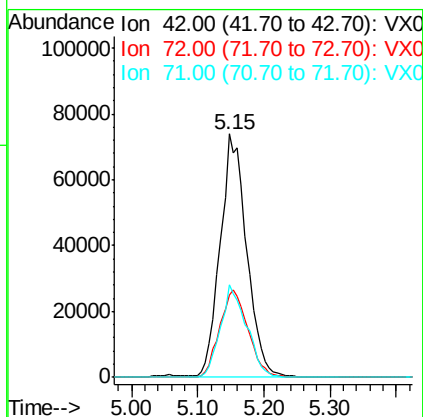
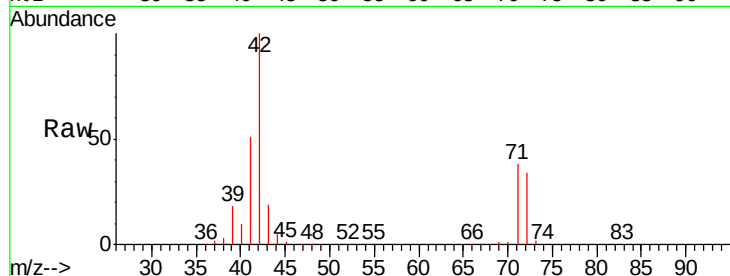




#29
Tetrahydrofuran
Concen: 240.82 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

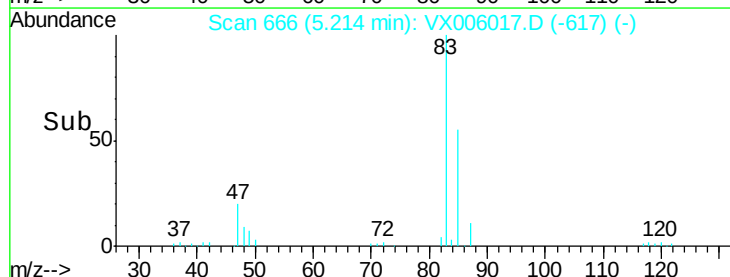
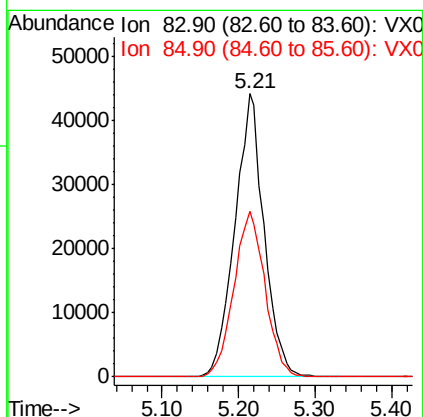
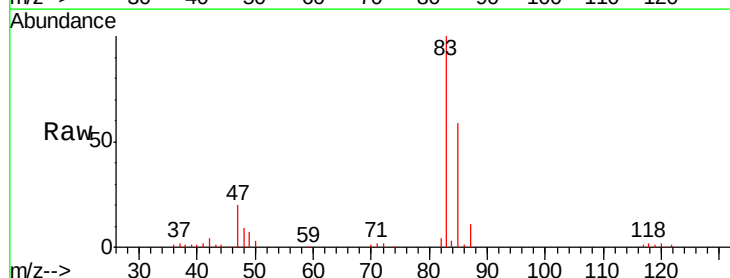
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

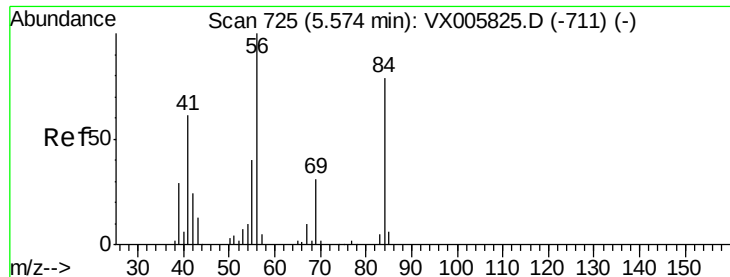
Tgt Ion: 42 Resp: 204819
Ion Ratio Lower Upper
42 100
72 38.8 32.0 48.0
71 37.6 29.8 44.8



#30
Chloroform
Concen: 48.38 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

Tgt Ion: 83 Resp: 117213
Ion Ratio Lower Upper
83 100
85 58.6 50.6 76.0

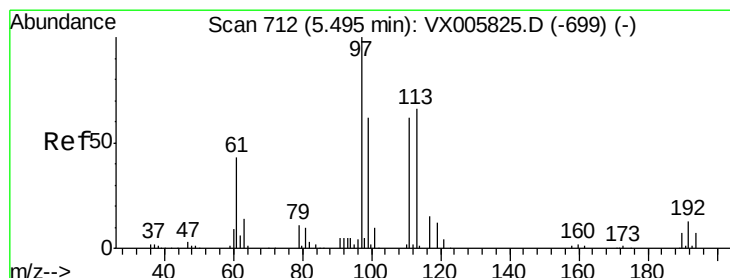
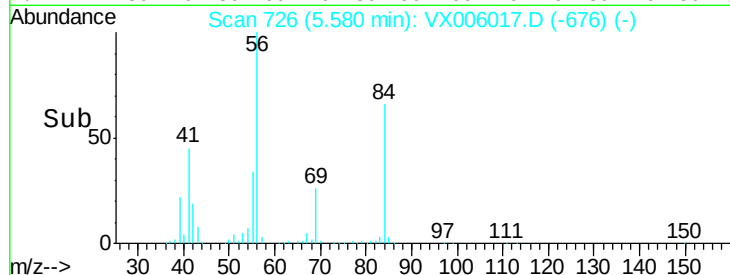
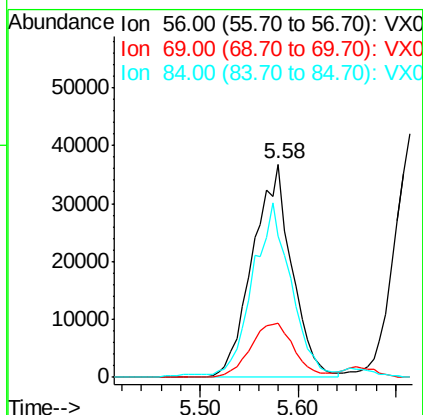
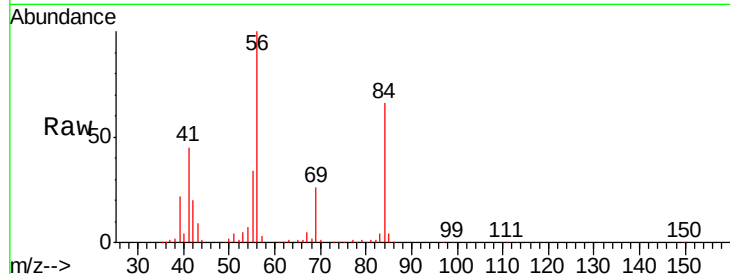




#31
Cyclohexane
Concen: 46.95 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

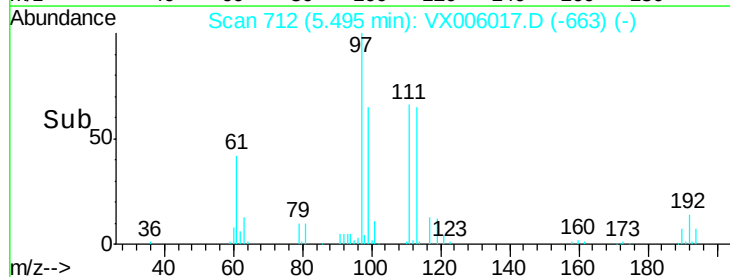
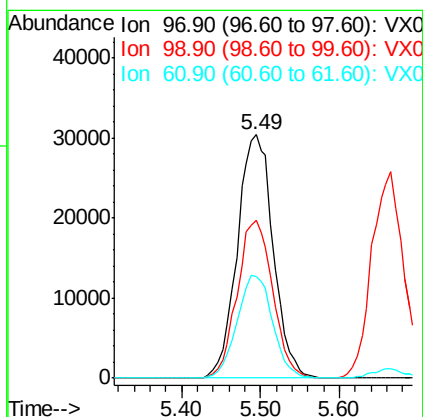
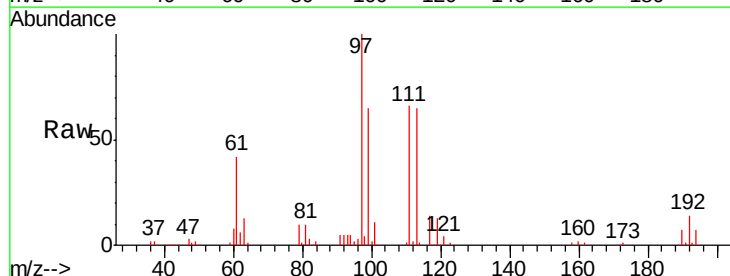
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

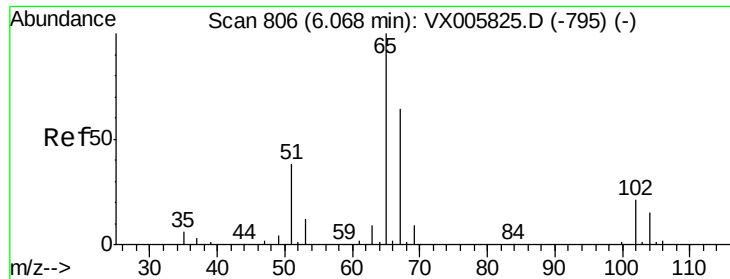
Tgt Ion: 56 Resp: 102359
Ion Ratio Lower Upper
56 100
69 25.7 22.6 34.0
84 64.6 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 47.46 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

Tgt Ion: 97 Resp: 95905
Ion Ratio Lower Upper
97 100
99 64.3 52.3 78.5
61 42.2 35.2 52.8

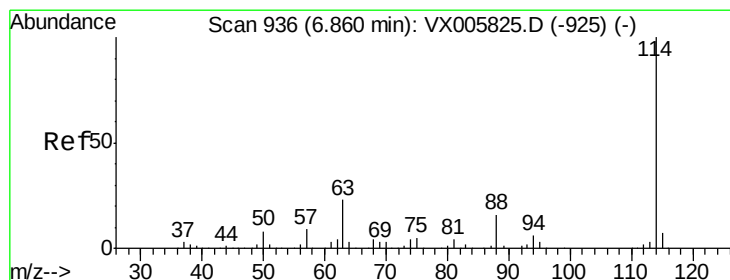
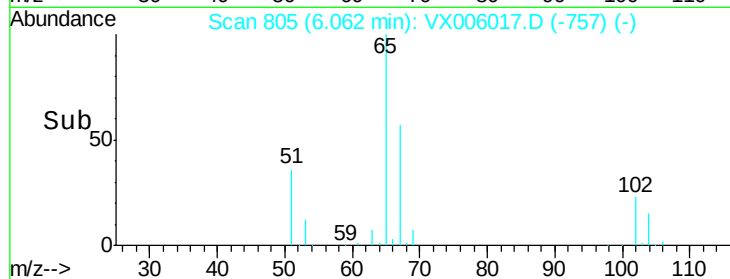
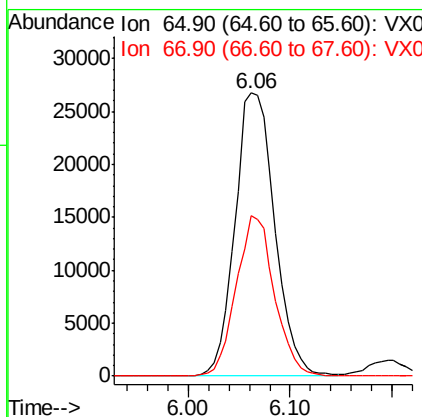
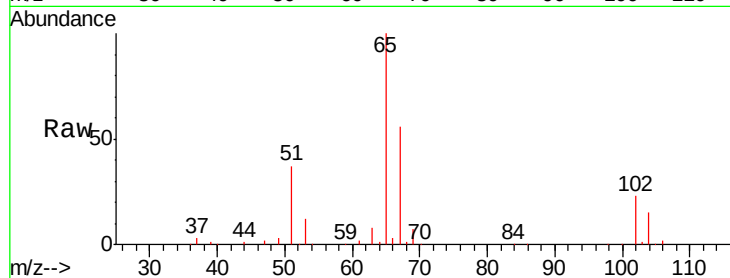




#33
 1,2-Dichloroethane-d4
 Concen: 46.23 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX006017.D
 Acq: 15 Nov 2018 11:59

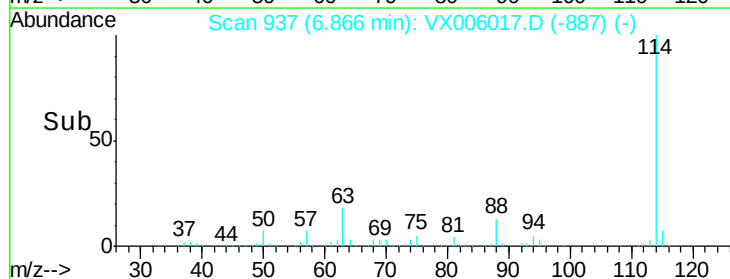
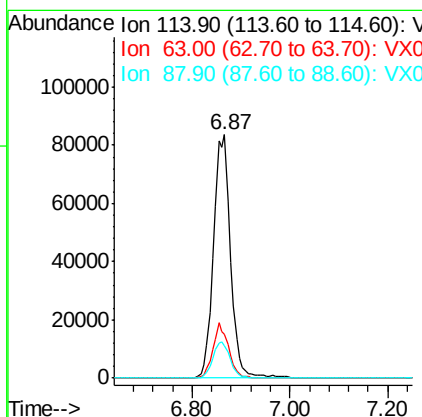
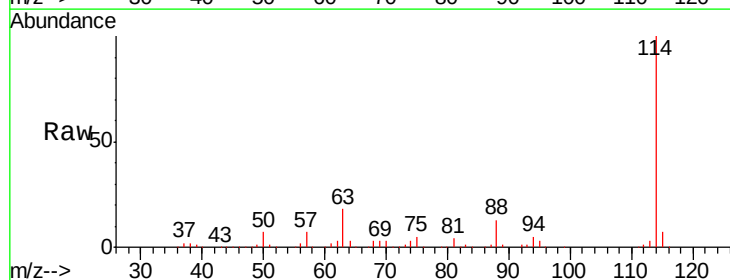
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

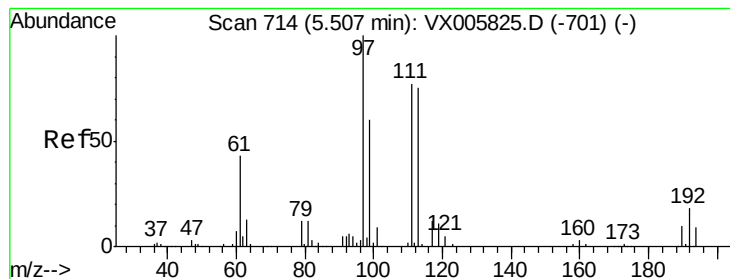
Tgt Ion: 65 Resp: 72348
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX006017.D
 Acq: 15 Nov 2018 11:59

Tgt Ion: 114 Resp: 202174
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 42.8
 88 13.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 45.20 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

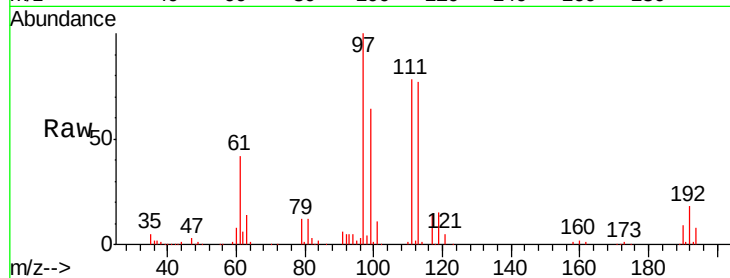
Tgt Ion:113 Resp: 62159

Ion Ratio Lower Upper

113 100

111 101.3 82.3 123.5

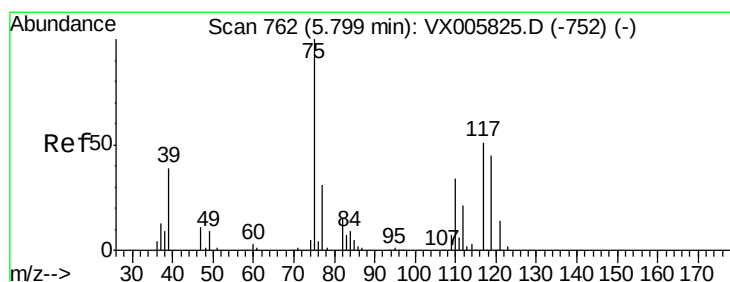
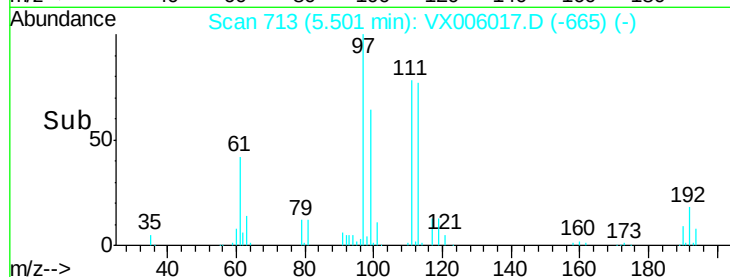
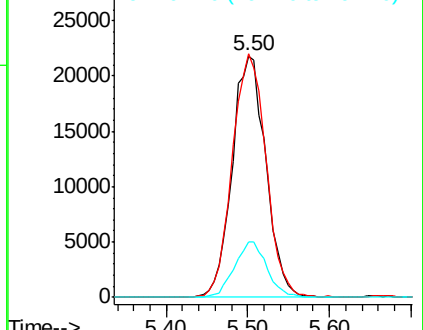
192 22.2 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 43.89 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

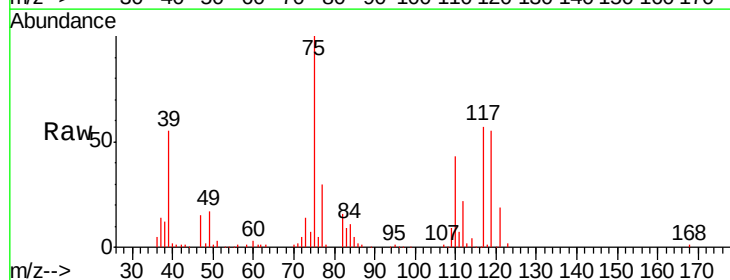
Tgt Ion: 75 Resp: 85536

Ion Ratio Lower Upper

75 100

110 34.7 17.4 52.2

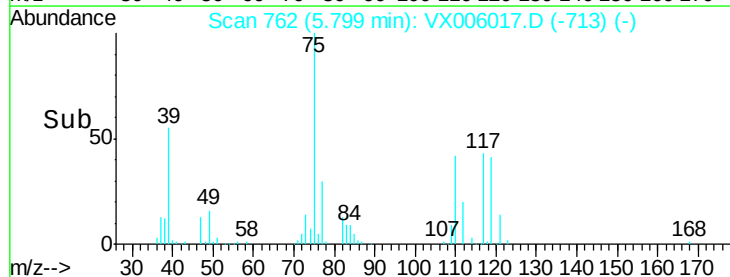
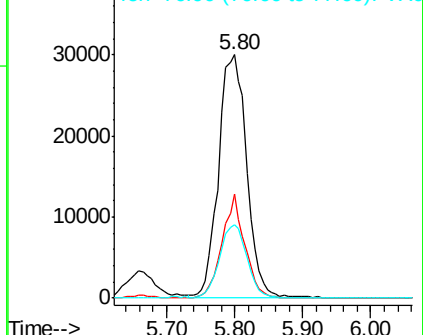
77 29.7 25.8 38.6

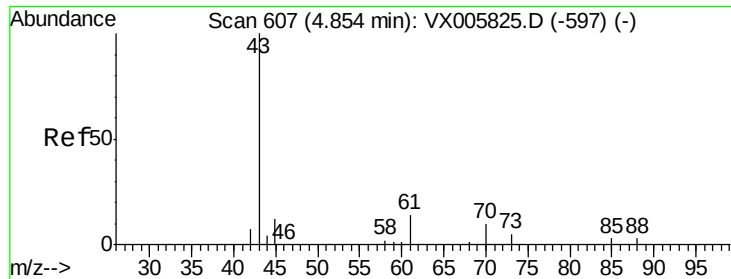


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

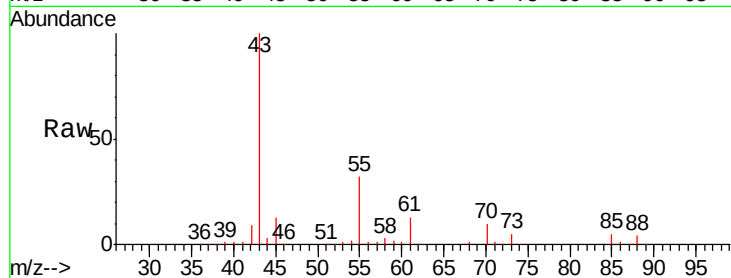




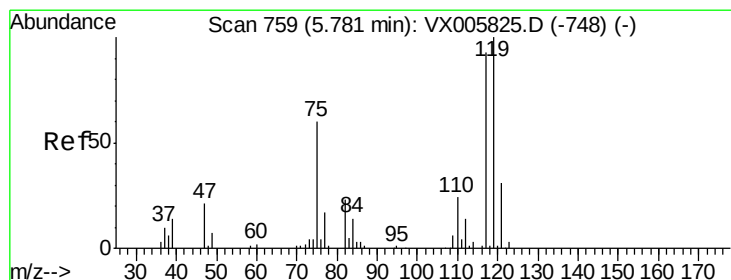
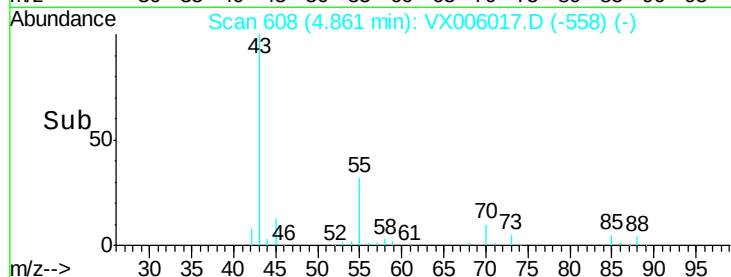
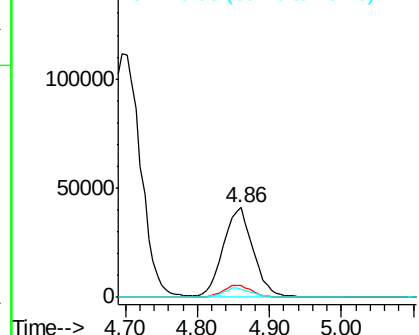
#37
Ethyl Acetate
Concen: 46.38 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion: 43 Resp: 118859
Ion Ratio Lower Upper
43 100
61 13.4 10.8 16.2
70 10.1 7.8 11.8

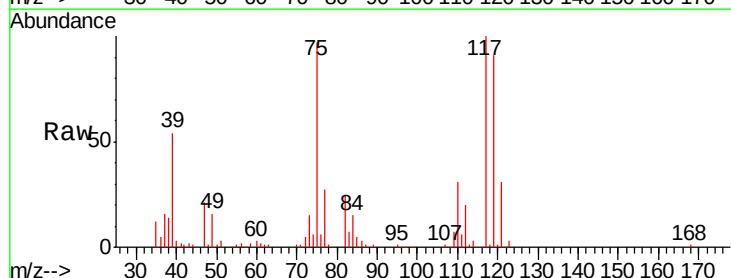


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

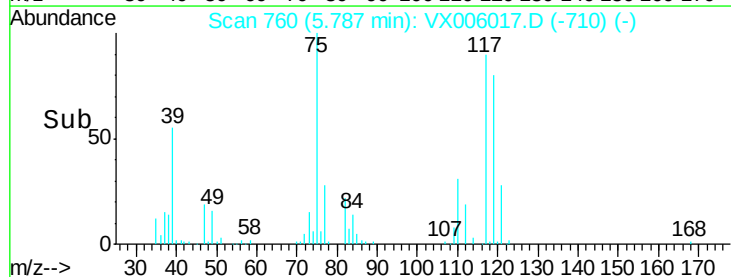
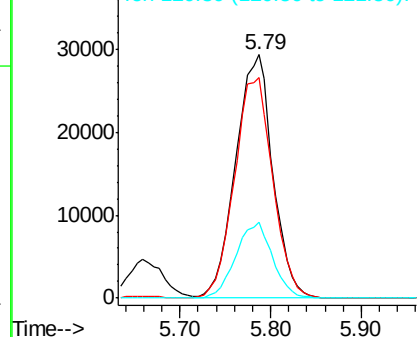


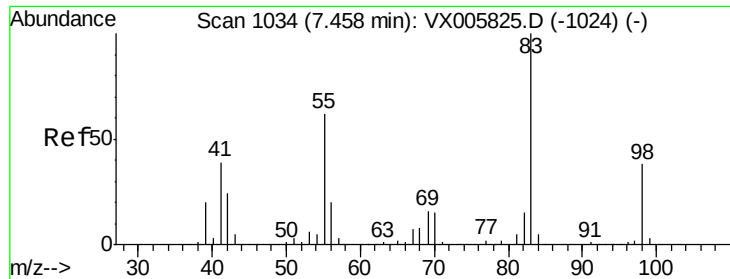
#38
Carbon Tetrachloride
Concen: 42.69 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

Tgt Ion: 117 Resp: 83300
Ion Ratio Lower Upper
117 100
119 90.7 78.1 117.1
121 31.4 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

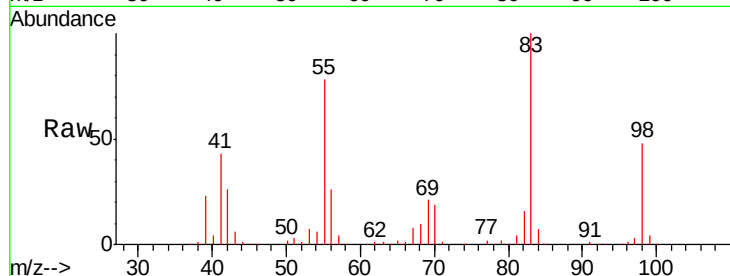




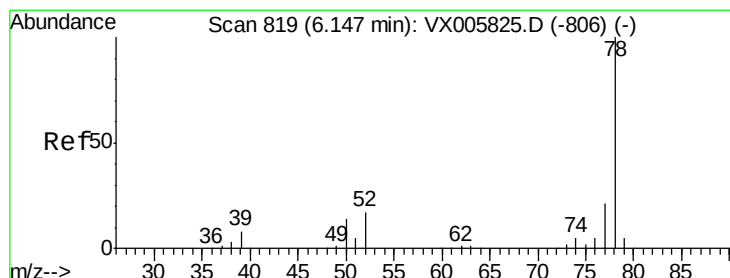
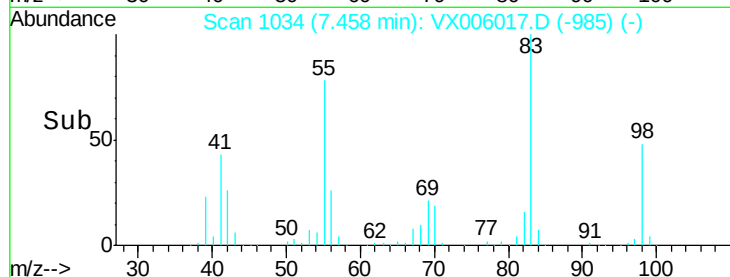
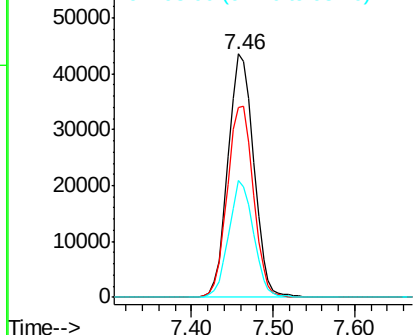
#39
Methylcyclohexane
Concen: 47.99 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 94803
Ion Ratio Lower Upper
83 100
55 77.8 63.7 95.5
98 48.2 36.2 54.2

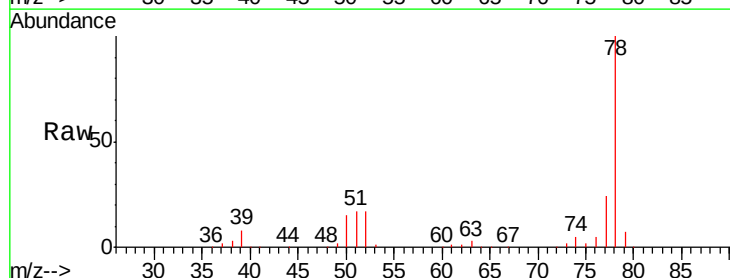


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

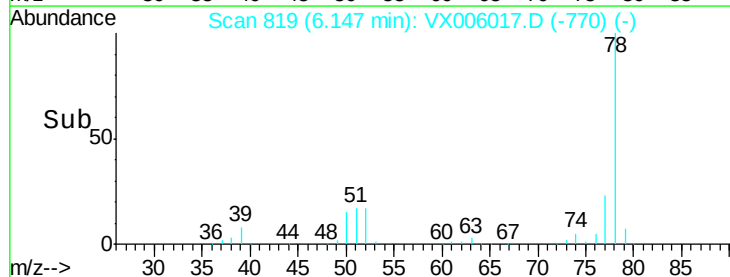
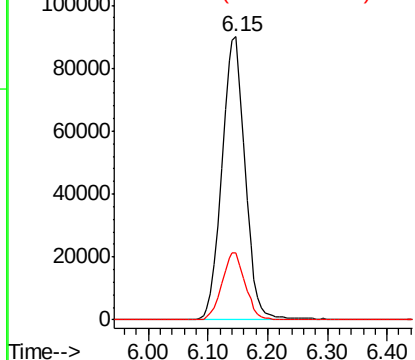


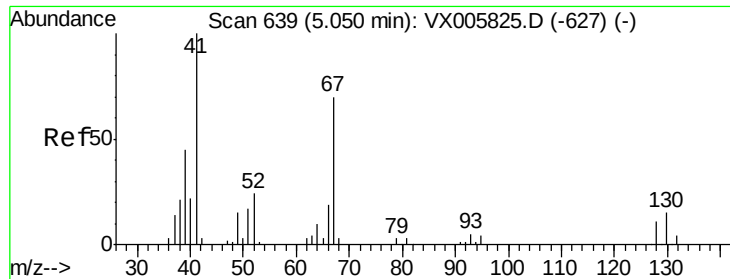
#40
Benzene
Concen: 42.87 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

Tgt Ion: 78 Resp: 243571
Ion Ratio Lower Upper
78 100
77 23.5 18.4 27.6



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

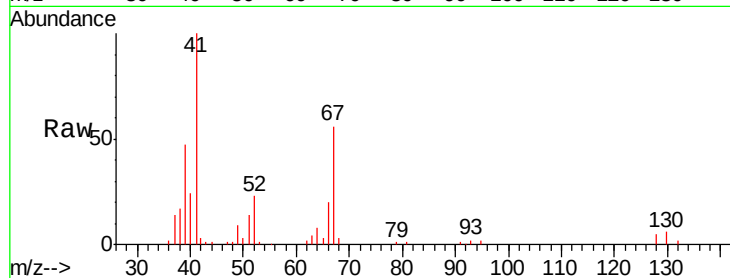




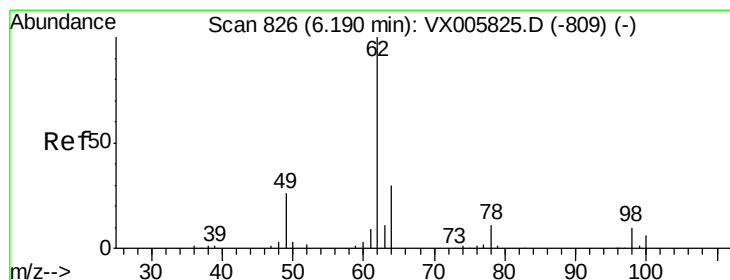
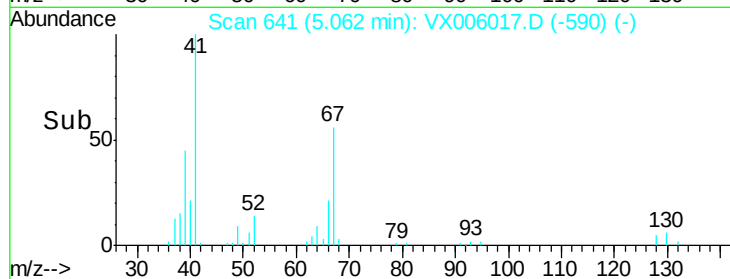
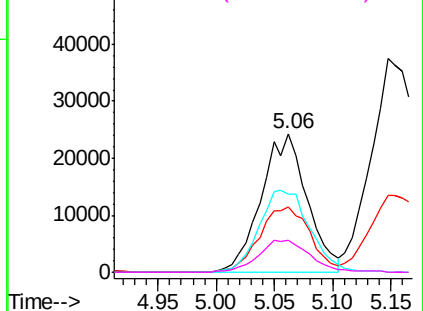
#41
Methacrylonitrile
Concen: 47.99 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	66468
Ion	Ratio	Lower	Upper
41	100		
39	51.9	42.2	63.2
67	65.7	53.4	80.0
52	25.9	23.4	35.2

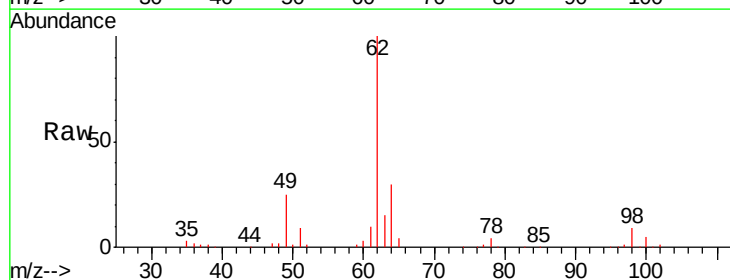


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

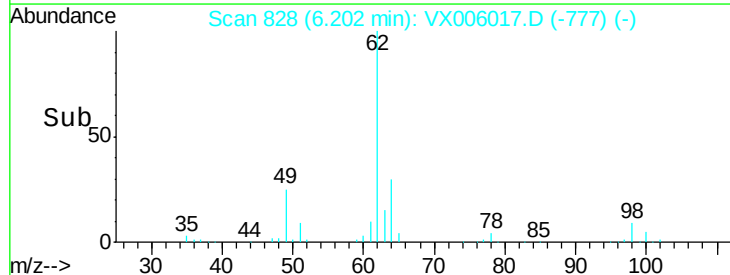
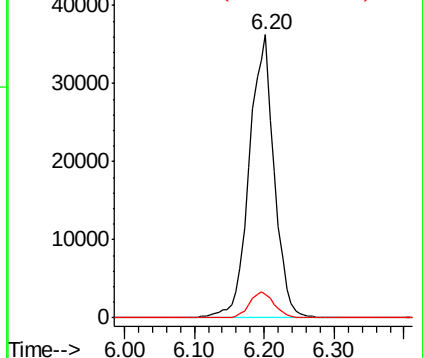


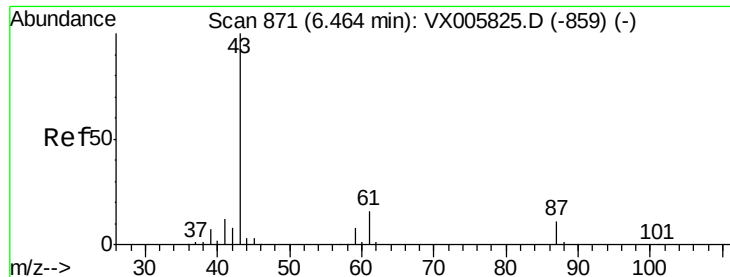
#42
1,2-Dichloroethane
Concen: 43.97 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

Tgt Ion:	62	Resp:	89479
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 44.64 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

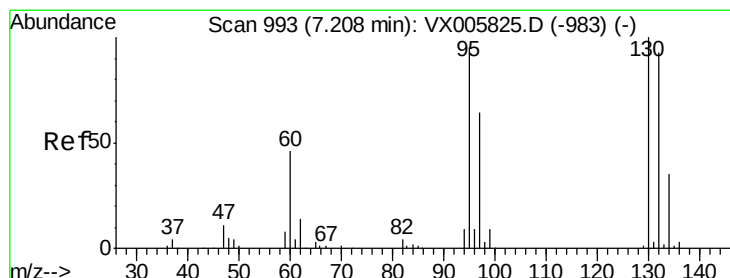
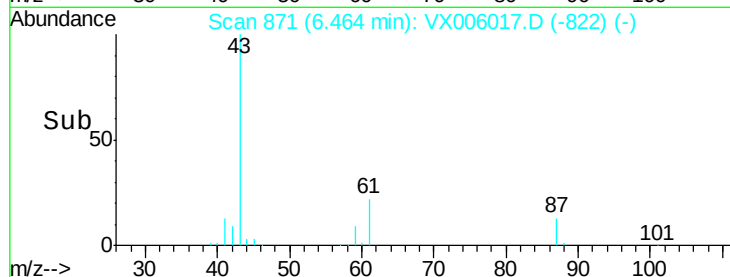
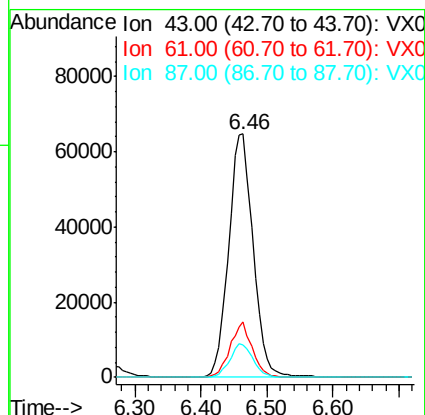
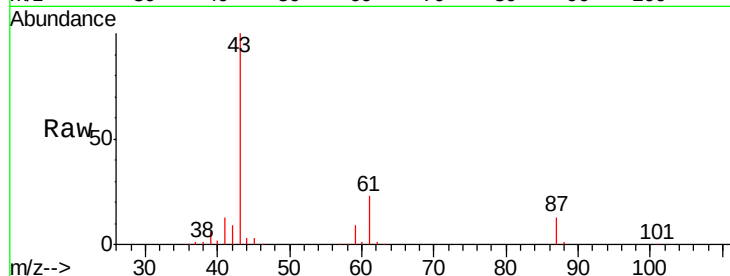
Tgt Ion: 43 Resp: 165776

Ion Ratio Lower Upper

43 100

61 20.6 14.6 22.0

87 13.1 9.6 14.4



#44

Trichloroethene

Concen: 46.71 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX006017.D

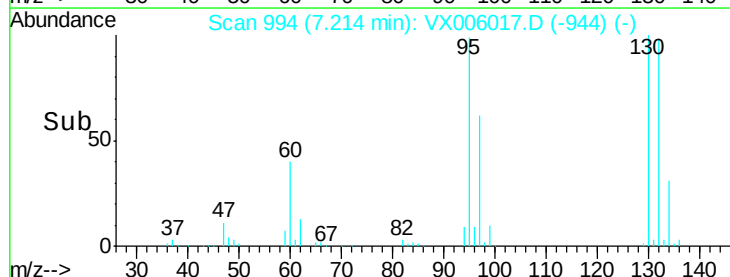
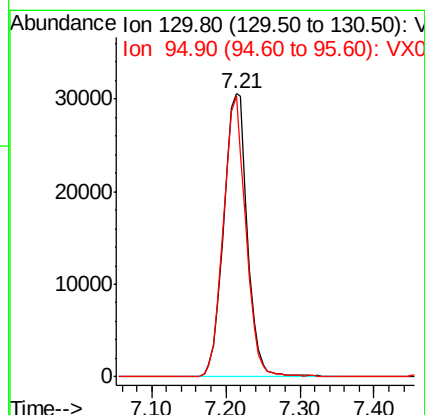
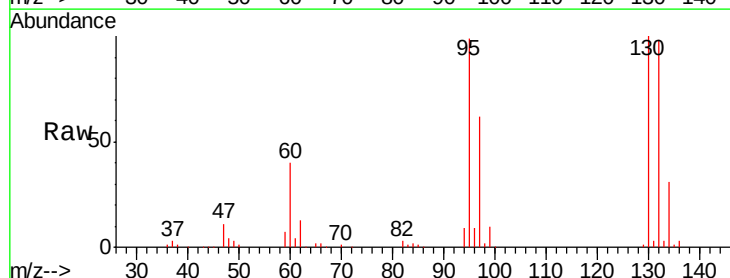
Acq: 15 Nov 2018 11:59

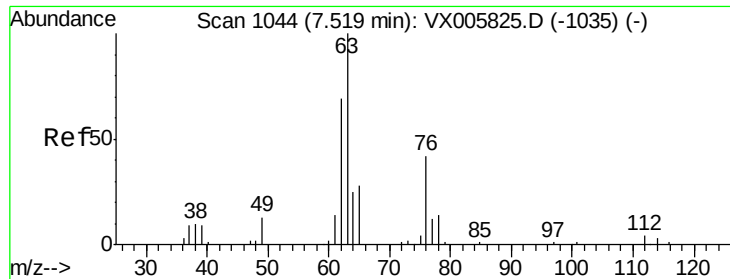
Tgt Ion: 130 Resp: 67396

Ion Ratio Lower Upper

130 100

95 99.0 0.0 194.2

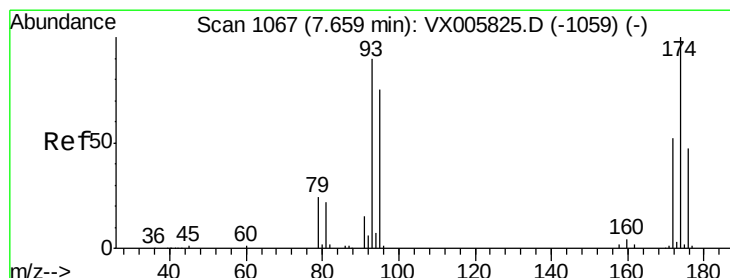
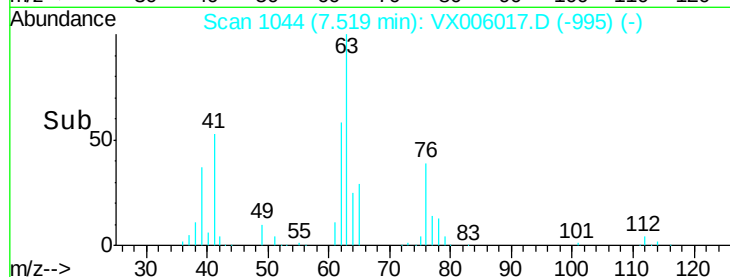
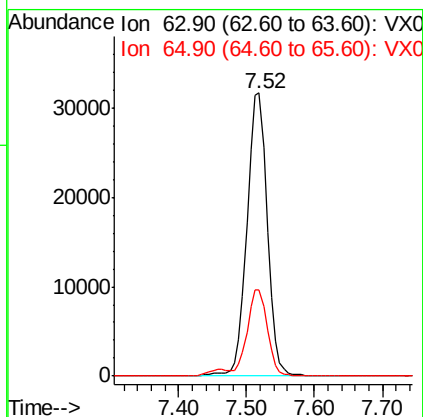
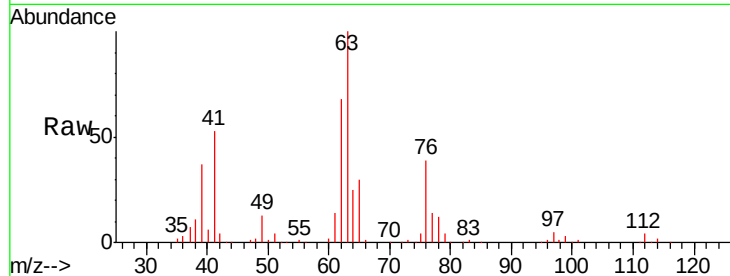




#45
 1,2-Dichloropropane
 Concen: 47.94 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX006017.D
 Acq: 15 Nov 2018 11:59

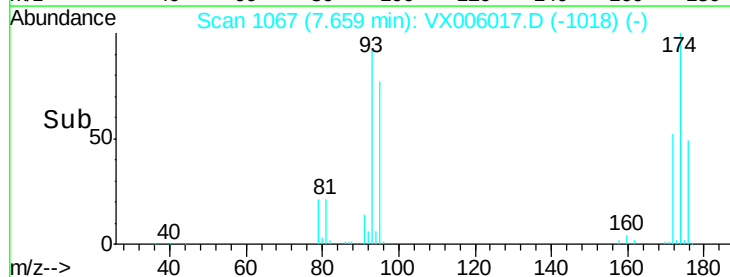
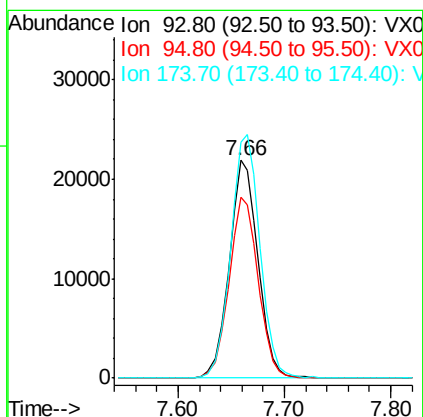
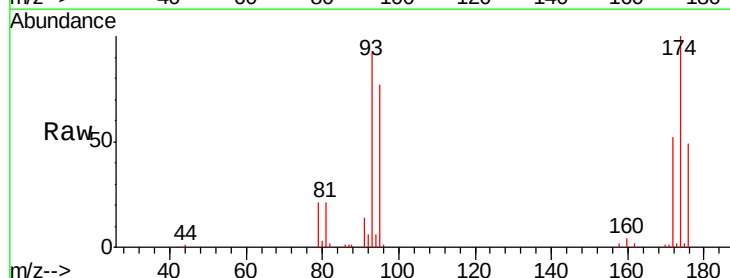
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

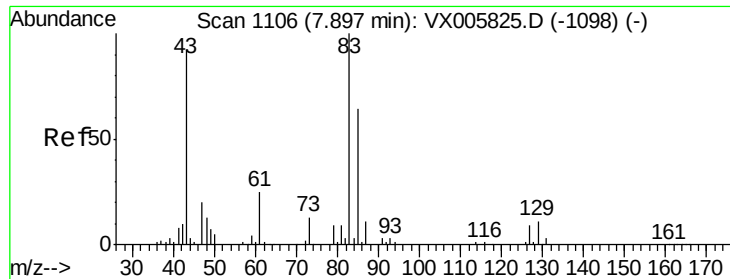
Tgt Ion: 63 Resp: 66118
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.8 37.2



#46
 Dibromomethane
 Concen: 47.77 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX006017.D
 Acq: 15 Nov 2018 11:59

Tgt Ion: 93 Resp: 41338
 Ion Ratio Lower Upper
 93 100
 95 84.3 67.4 101.0
 174 114.2 91.5 137.3





#47

Bromodichloromethane

Concen: 49.28 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

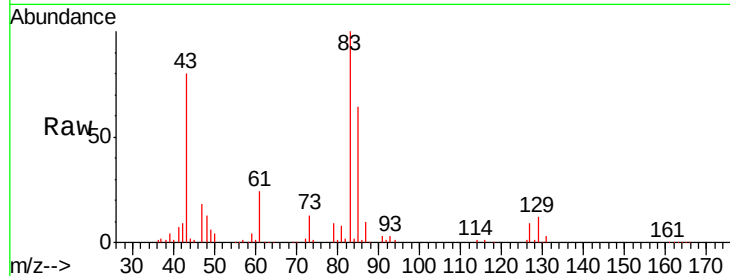
Tgt Ion: 83 Resp: 80592

Ion Ratio Lower Upper

83 100

85 64.4 50.2 75.4

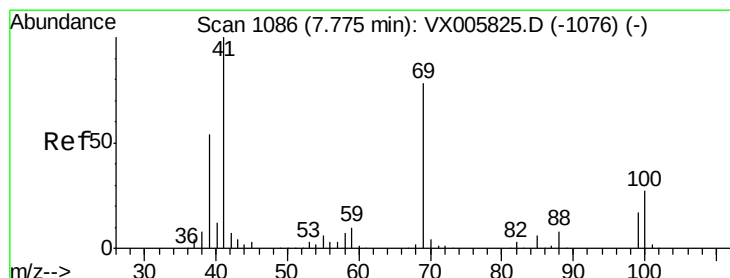
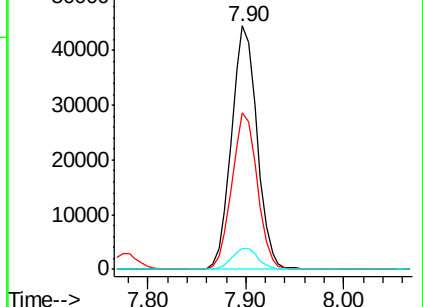
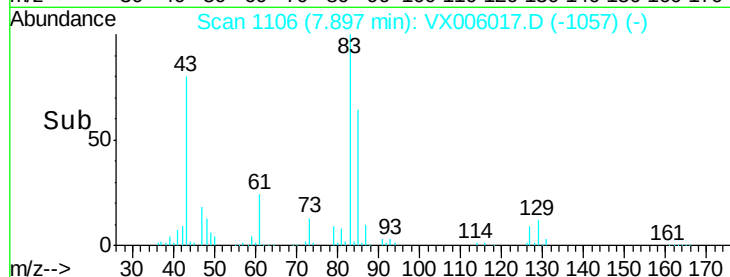
127 8.8 6.9 10.3



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: 50.86 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

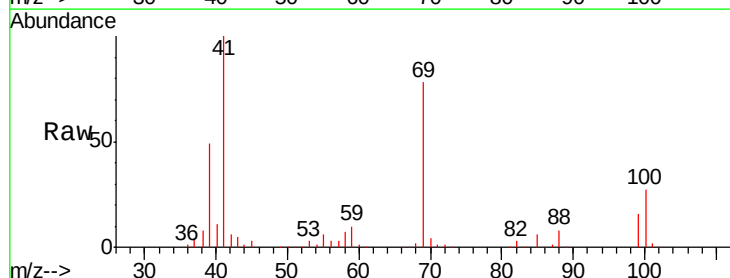
Tgt Ion: 41 Resp: 84820

Ion Ratio Lower Upper

41 100

69 79.8 63.2 94.8

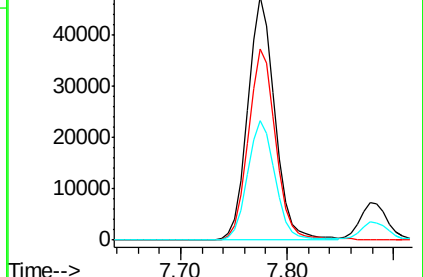
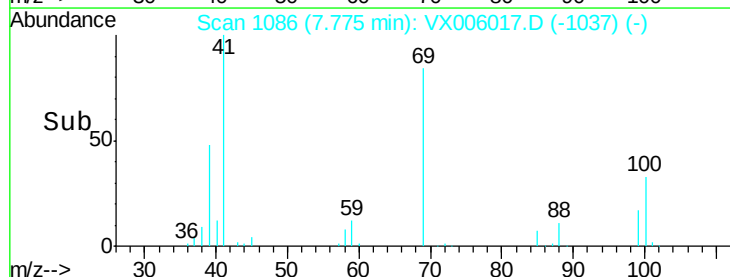
39 50.1 42.2 63.2

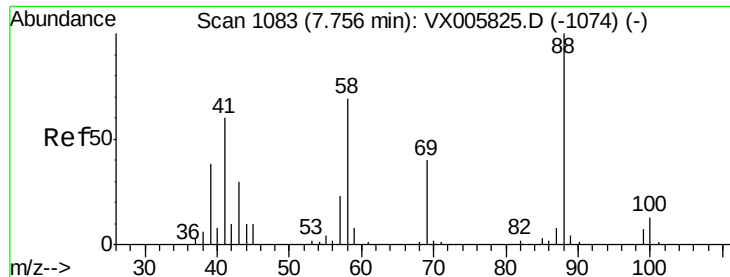


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 991.61 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

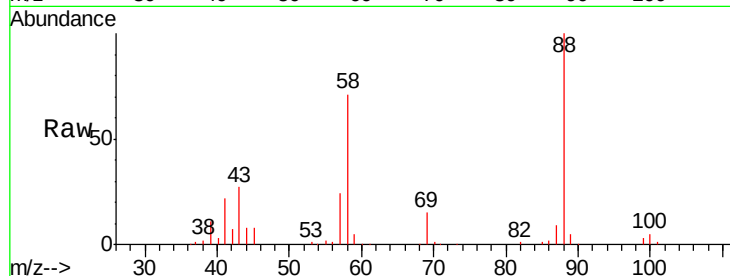
Tgt Ion: 88 Resp: 35632

Ion Ratio Lower Upper

88 100

43 32.9 27.4 41.0

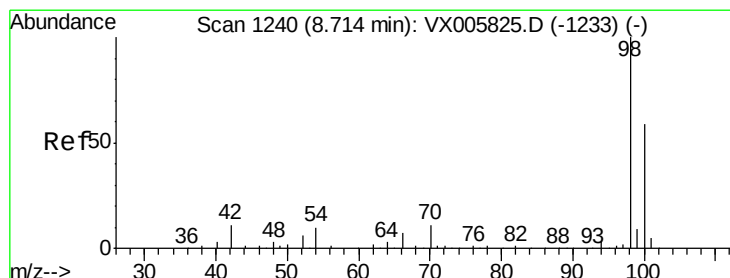
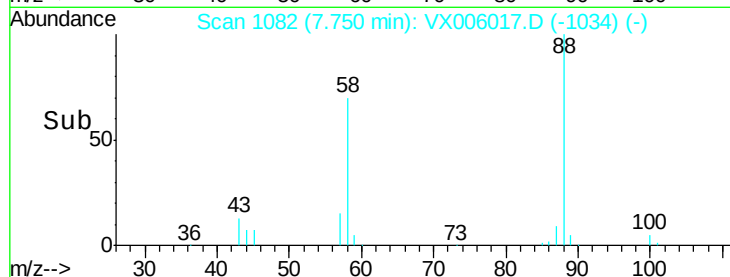
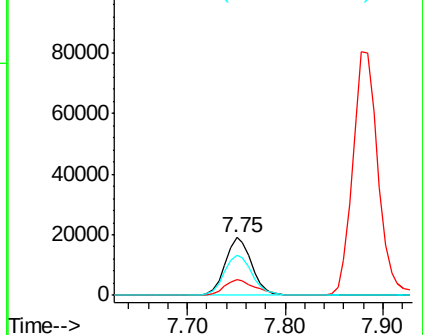
58 74.5 59.4 89.2



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: 47.96 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006017.D

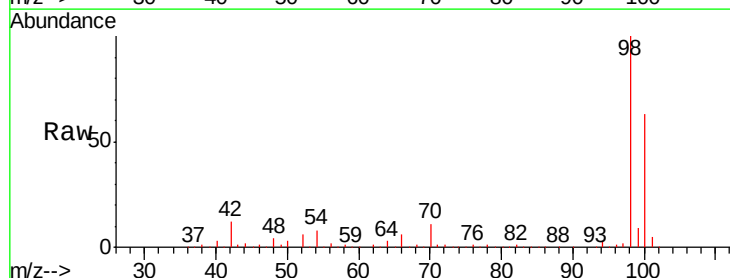
Acq: 15 Nov 2018 11:59

Tgt Ion: 98 Resp: 219262

Ion Ratio Lower Upper

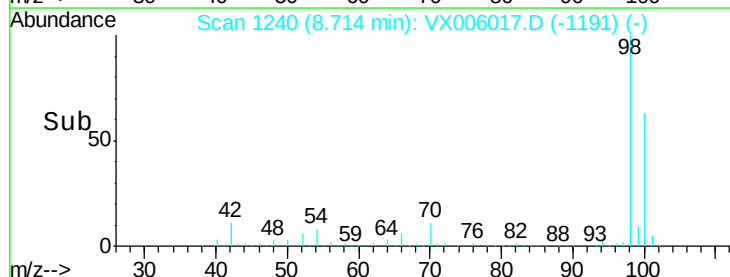
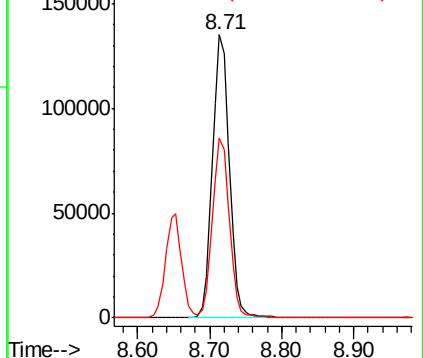
98 100

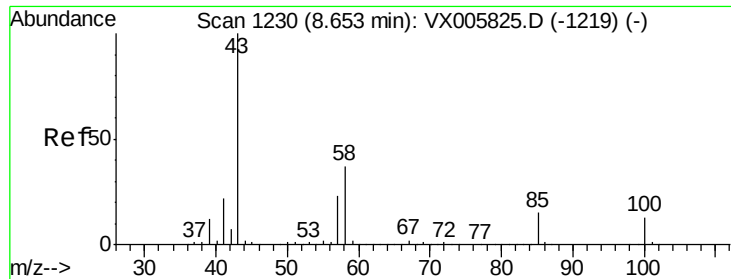
100 63.6 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 243.27 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

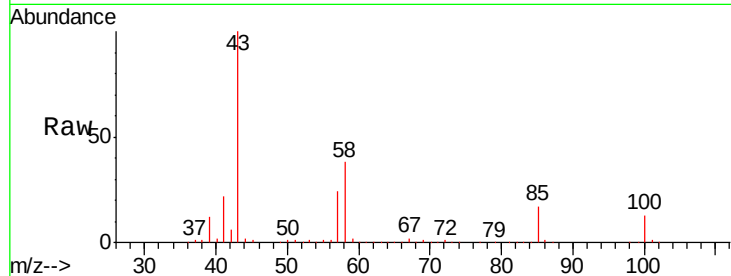
VSTDCCC050

Tgt Ion: 43 Resp: 569404

Ion Ratio Lower Upper

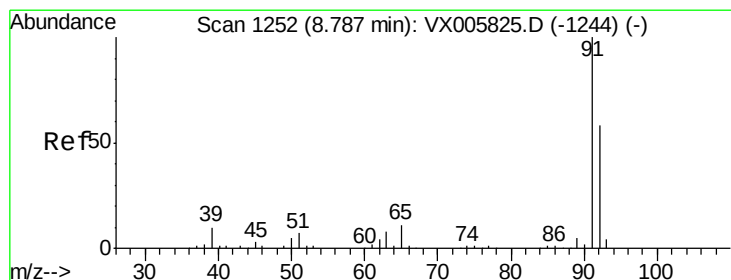
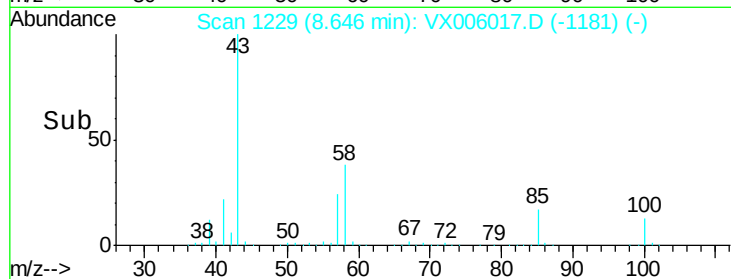
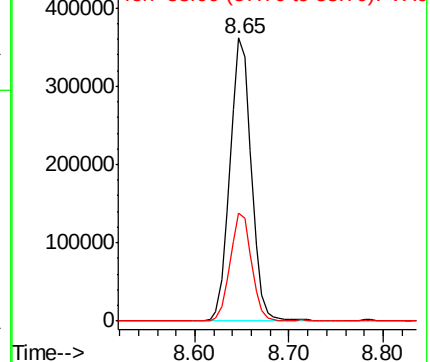
43 100

58 38.1 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.15 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006017.D

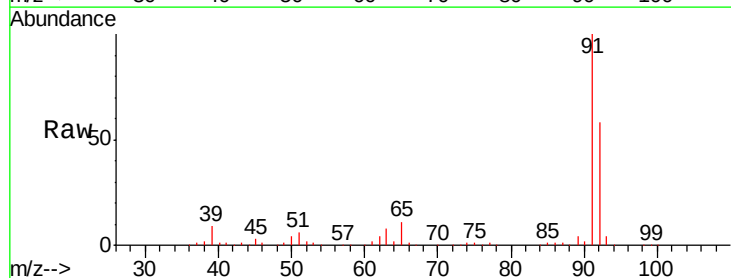
Acq: 15 Nov 2018 11:59

Tgt Ion: 92 Resp: 149729

Ion Ratio Lower Upper

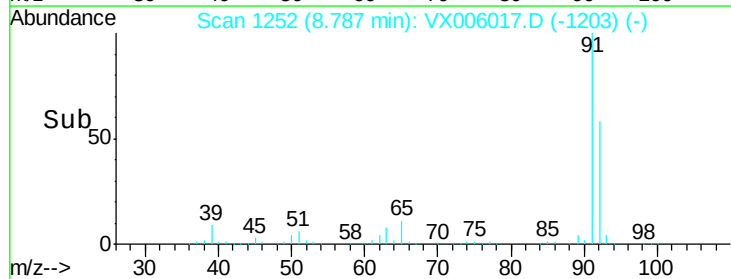
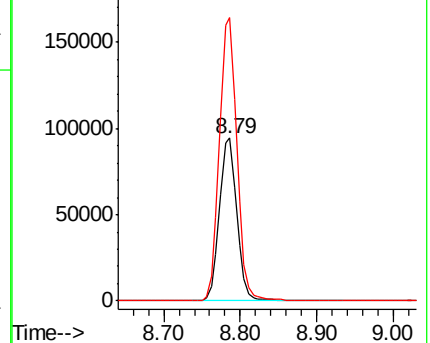
92 100

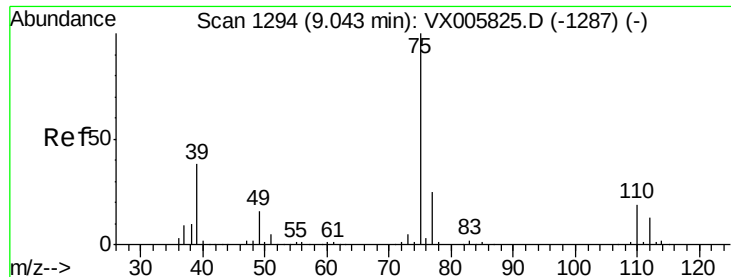
91 175.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 48.43 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

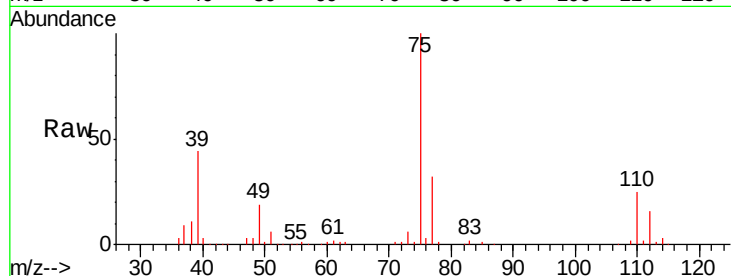
VSTDCCC050

Tgt Ion: 75 Resp: 93467

Ion Ratio Lower Upper

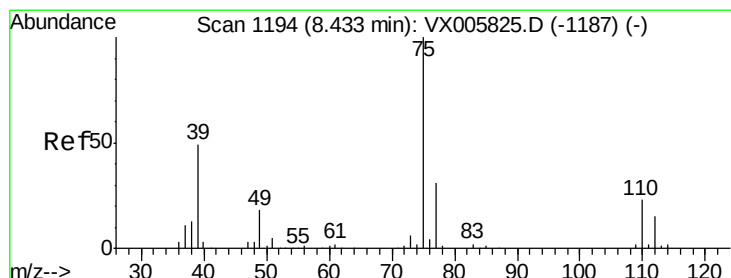
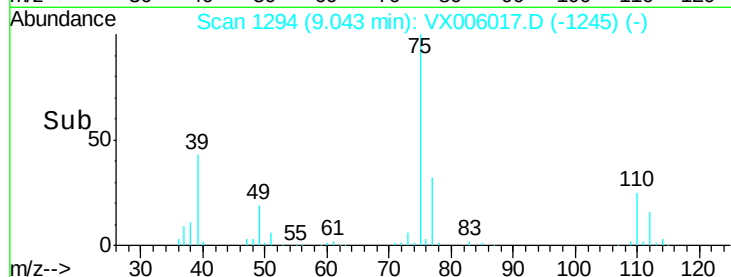
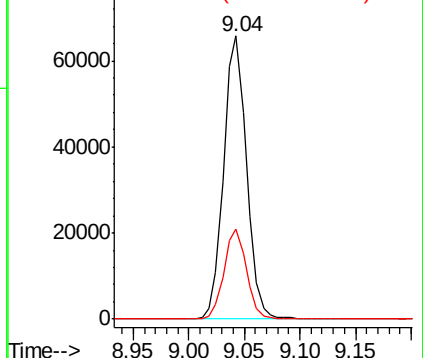
75 100

77 31.6 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 51.24 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

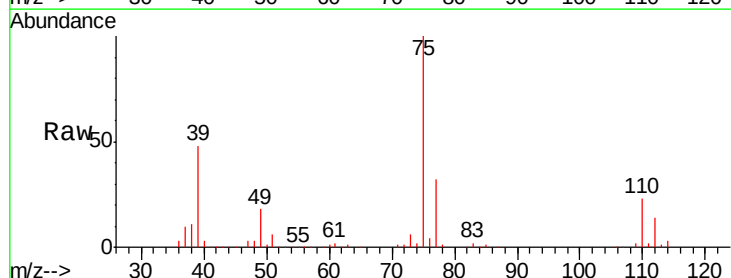
Tgt Ion: 75 Resp: 100798

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

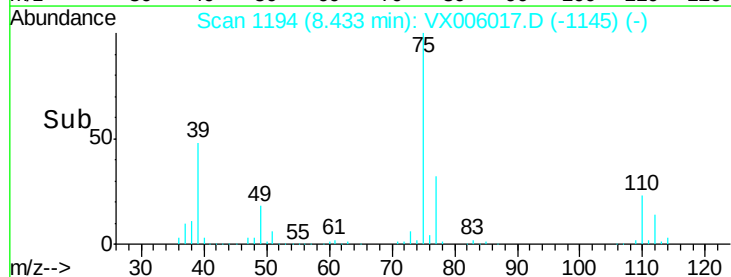
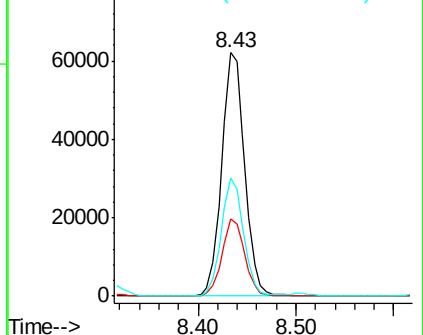
39 48.2 38.2 57.2

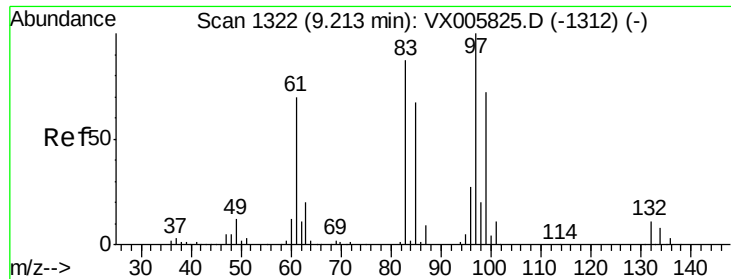


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

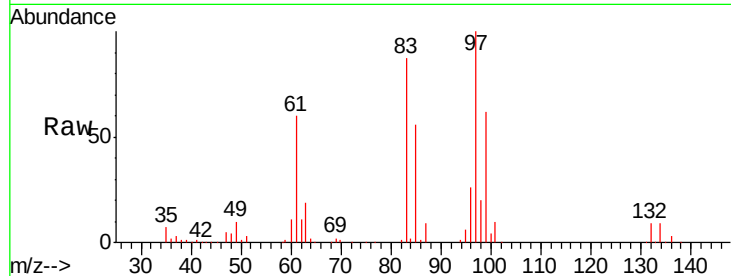




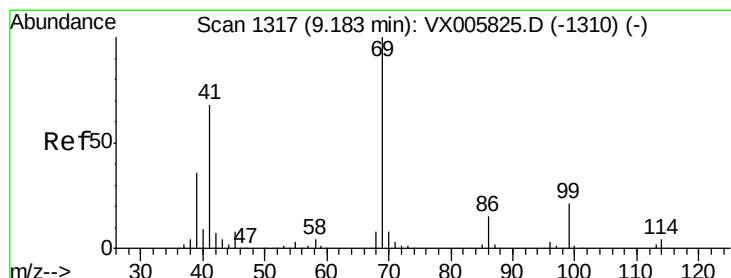
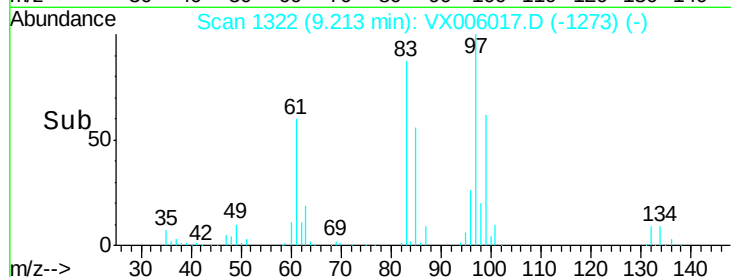
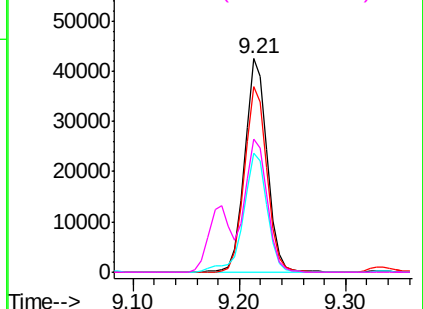
#55
 1,1,2-Trichloroethane
 Concen: 44.43 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006017.D
 Acq: 15 Nov 2018 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 62880
 Ion Ratio Lower Upper
 97 100
 83 87.2 70.7 106.1
 85 55.8 45.8 68.6
 99 62.5 51.8 77.8

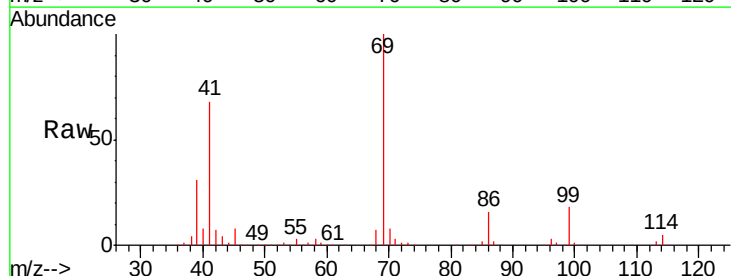


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

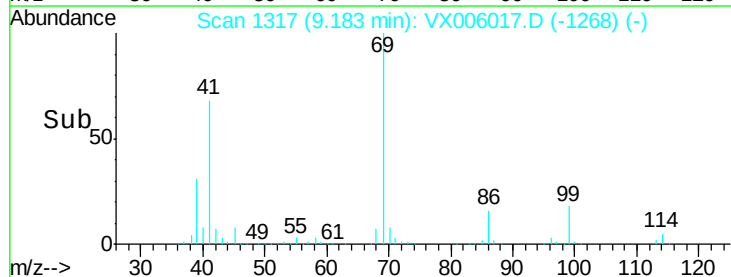
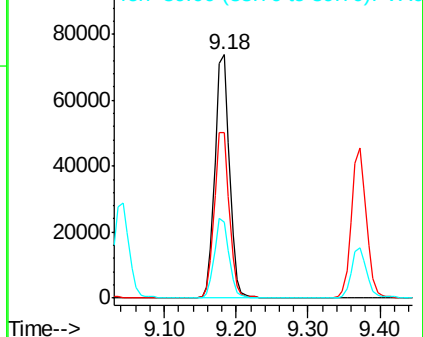


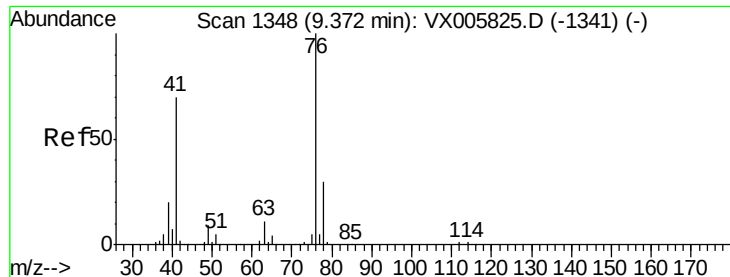
#56
 Ethyl methacrylate
 Concen: 48.81 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX006017.D
 Acq: 15 Nov 2018 11:59

Tgt Ion: 69 Resp: 103367
 Ion Ratio Lower Upper
 69 100
 41 69.1 57.0 85.6
 39 32.7 28.3 42.5



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

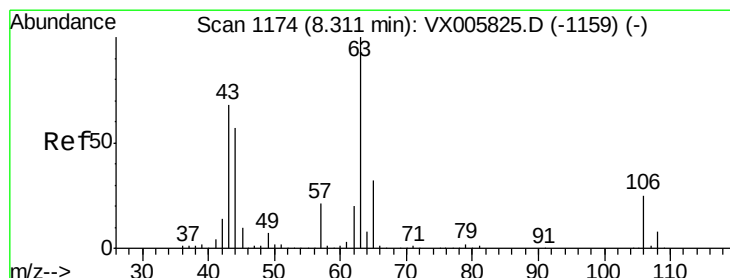
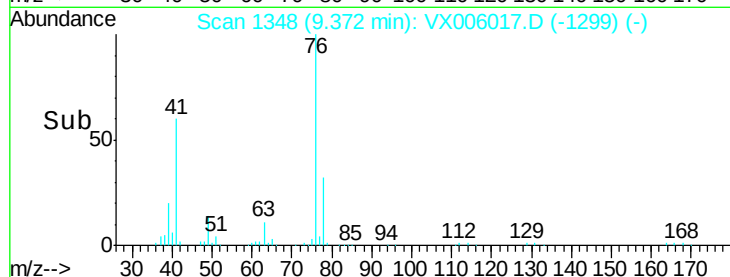
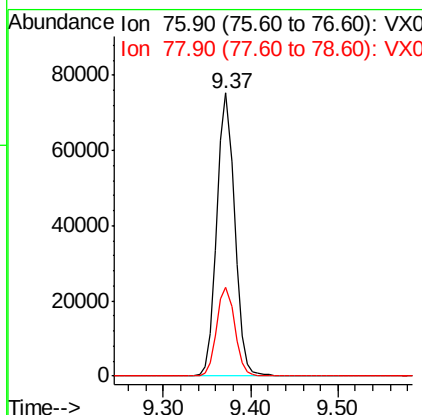
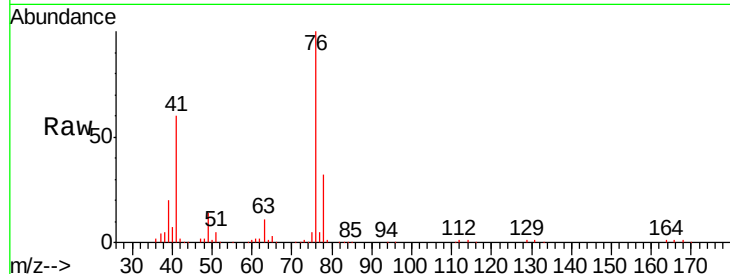




#57
 1,3-Dichloropropane
 Concen: 44.76 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006017.D
 Acq: 15 Nov 2018 11:59

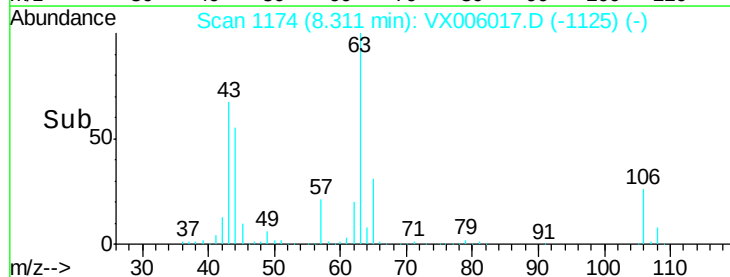
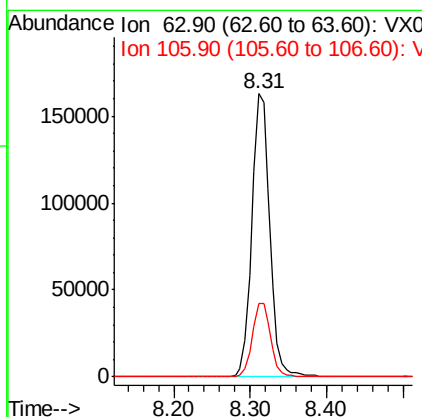
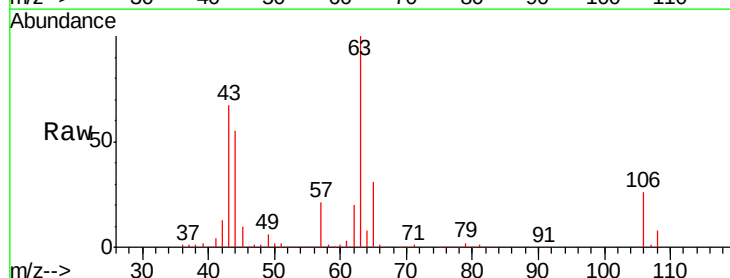
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

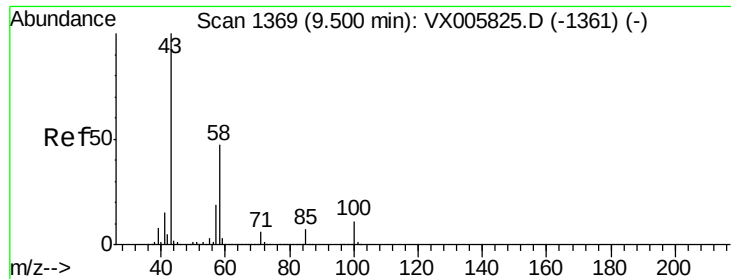
Tgt Ion: 76 Resp: 106443
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 231.60 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006017.D
 Acq: 15 Nov 2018 11:59

Tgt Ion: 63 Resp: 266506
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.3 31.9

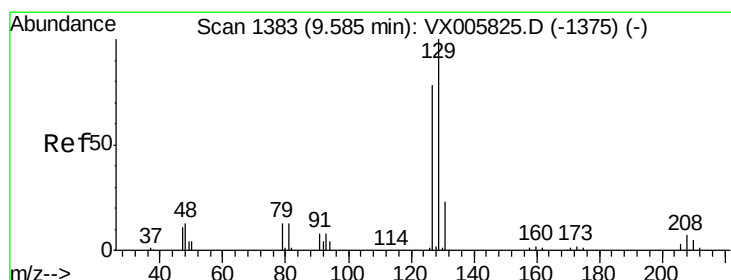
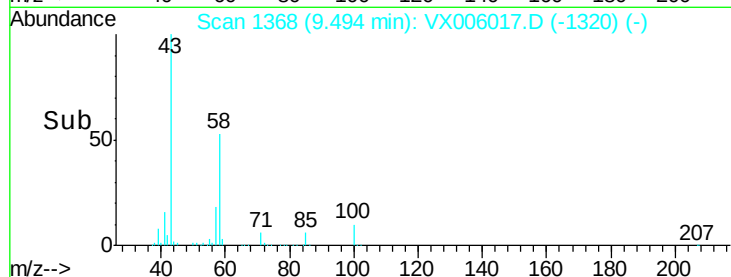
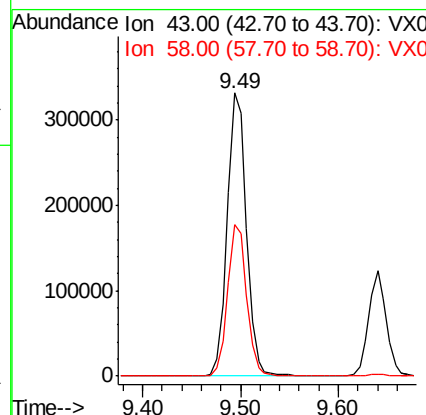
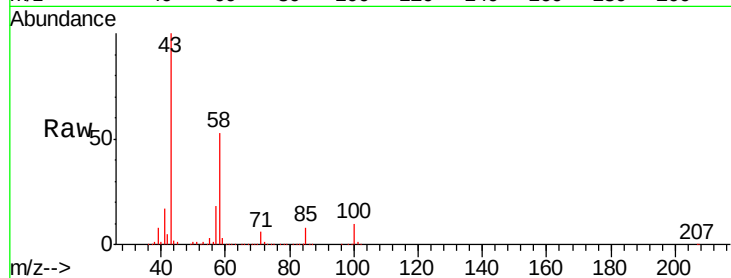




#59
2-Hexanone
Concen: 218.65 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

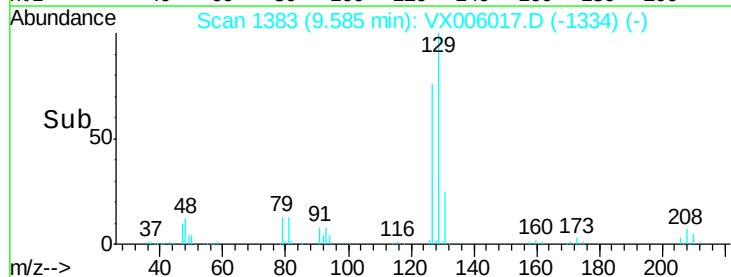
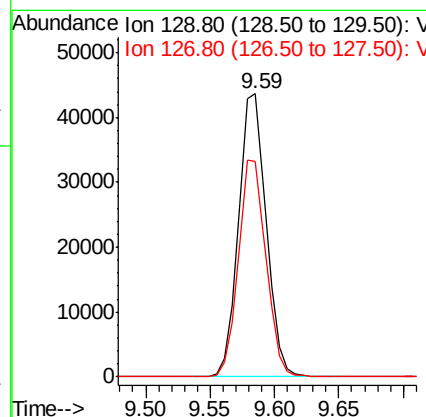
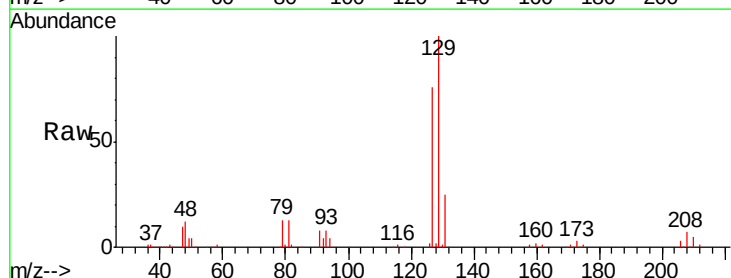
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

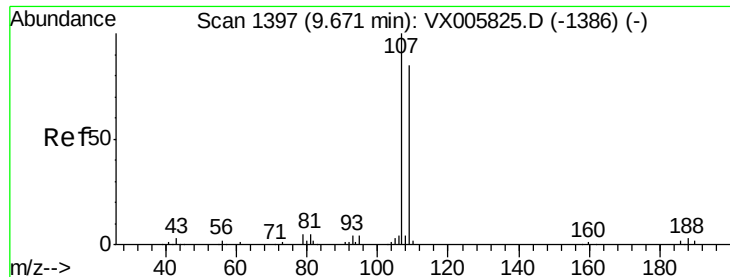
Tgt Ion: 43 Resp: 451110
Ion Ratio Lower Upper
43 100
58 53.4 25.9 77.8



#60
Dibromochloromethane
Concen: 42.71 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

Tgt Ion: 129 Resp: 65327
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 41.75 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

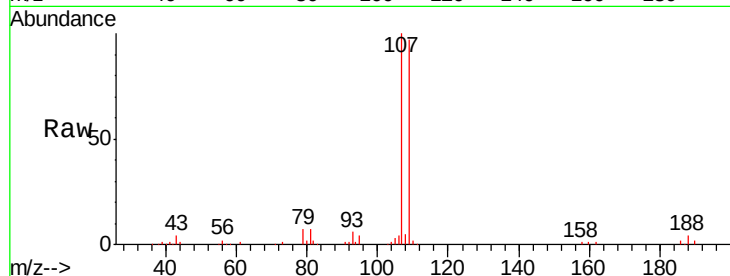
VSTDCCC050

Tgt Ion: 107 Resp: 65336

Ion Ratio Lower Upper

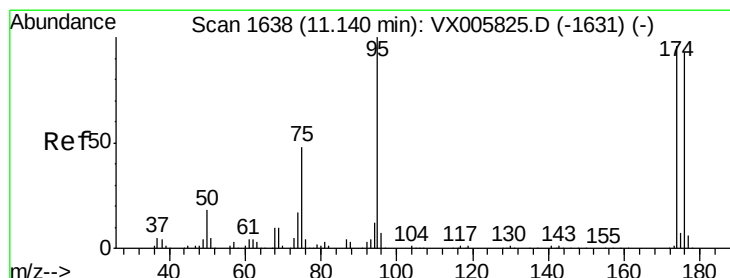
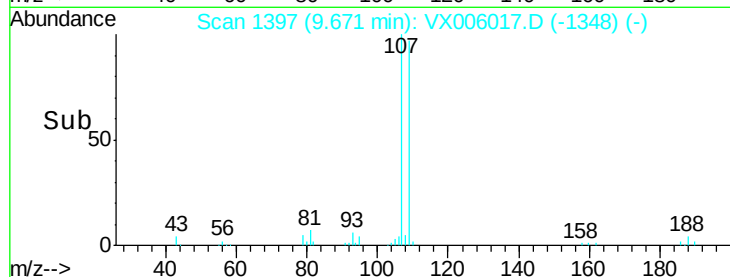
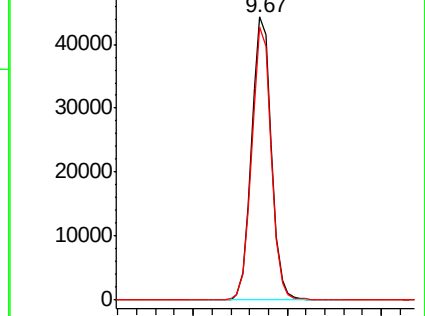
107 100

109 95.0 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.89 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

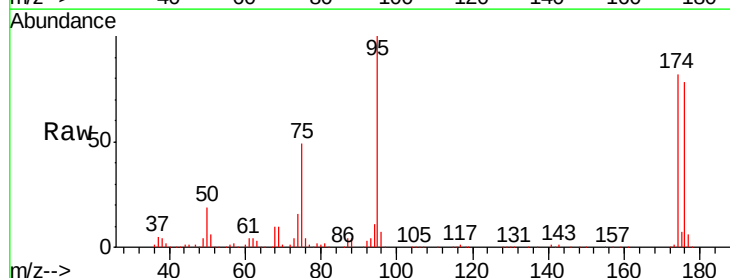
Tgt Ion: 95 Resp: 83638

Ion Ratio Lower Upper

95 100

174 90.2 0.0 184.4

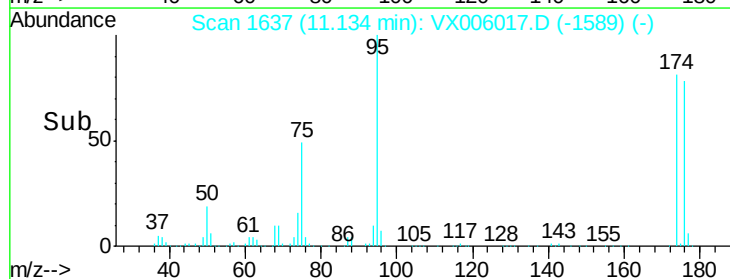
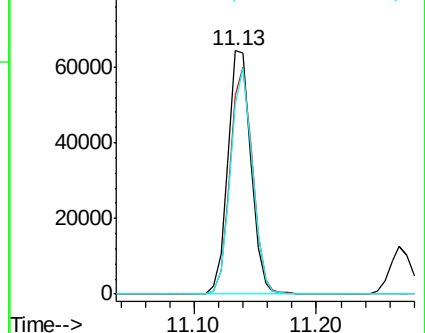
176 88.1 0.0 177.4

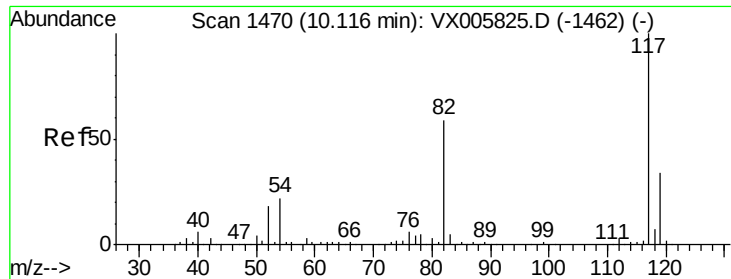


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

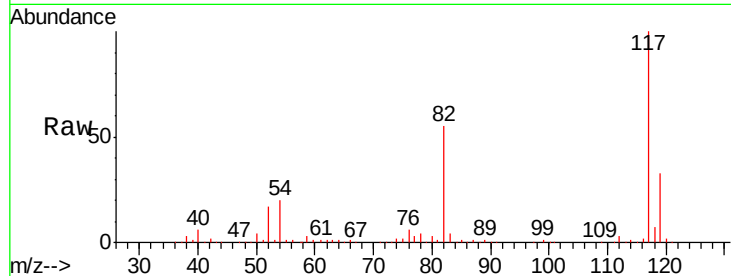




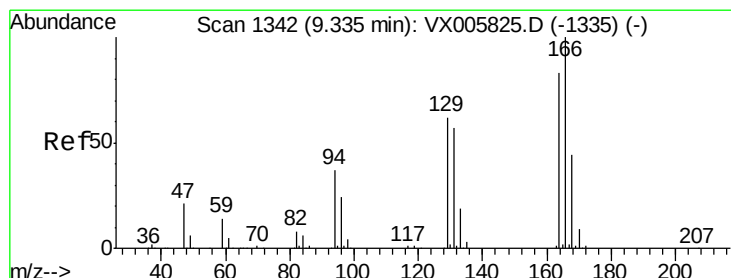
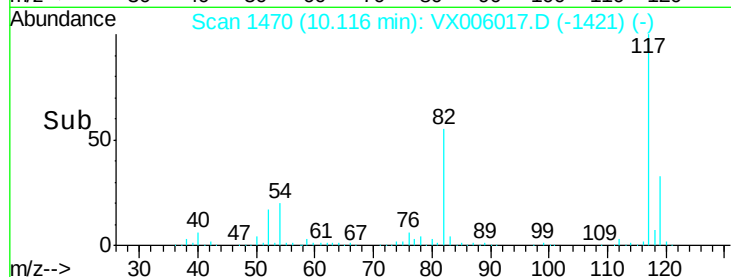
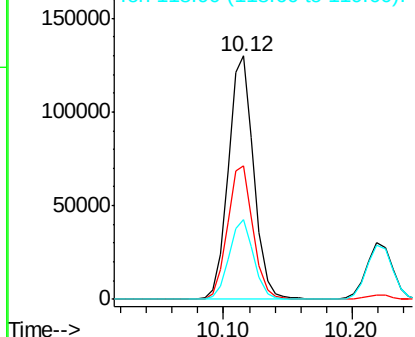
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 179048
Ion Ratio Lower Upper
117 100
82 54.7 44.1 66.1
119 32.6 26.2 39.2

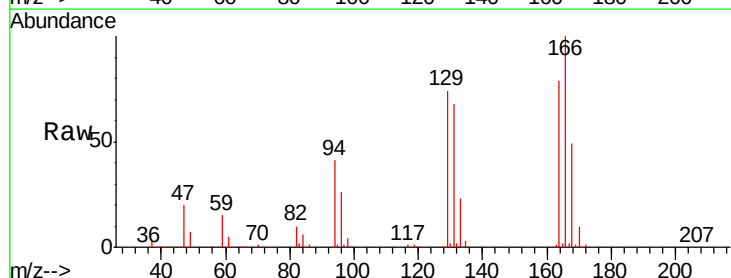


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

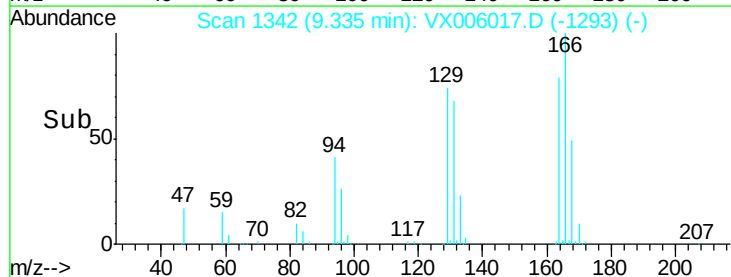
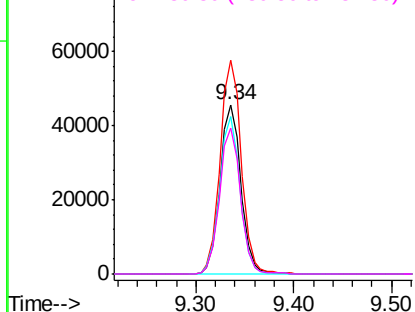


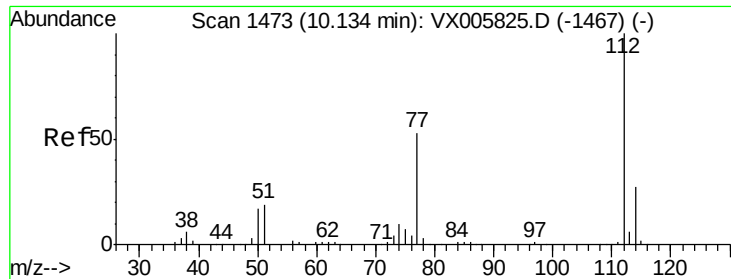
#64
Tetrachloroethene
Concen: 44.50 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

Tgt Ion:164 Resp: 67834
Ion Ratio Lower Upper
164 100
166 126.0 101.9 152.9
129 92.9 72.6 109.0
131 86.1 71.1 106.7



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

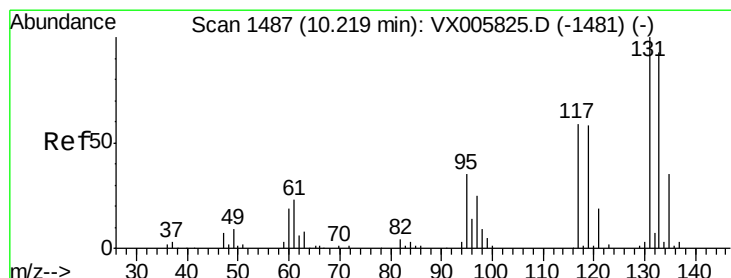
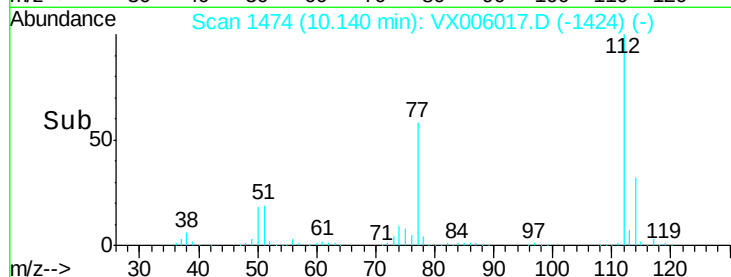
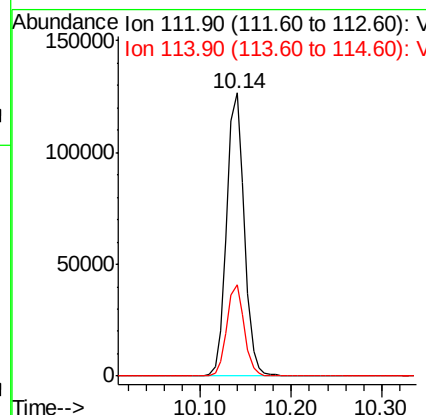
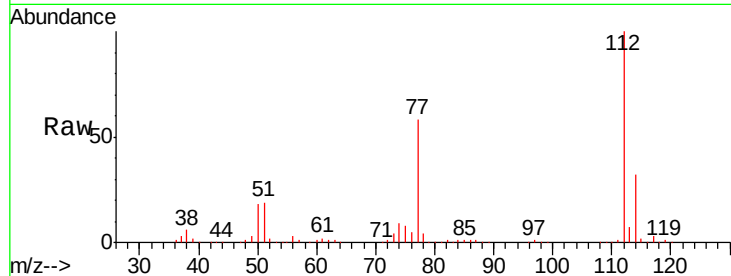




#65
Chlorobenzene
Concen: 47.80 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

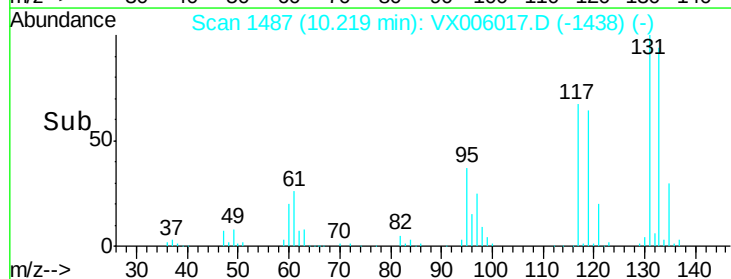
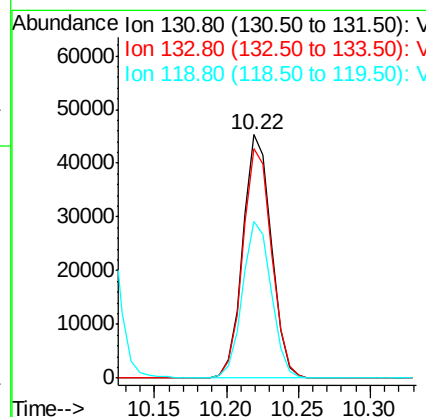
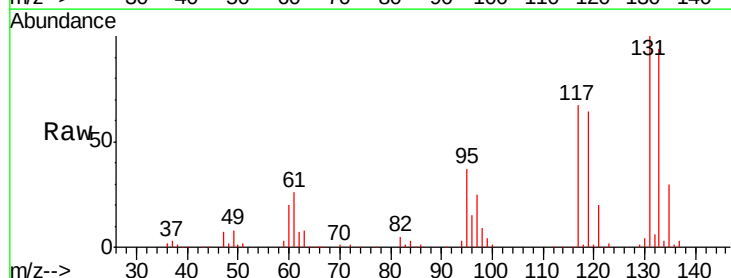
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

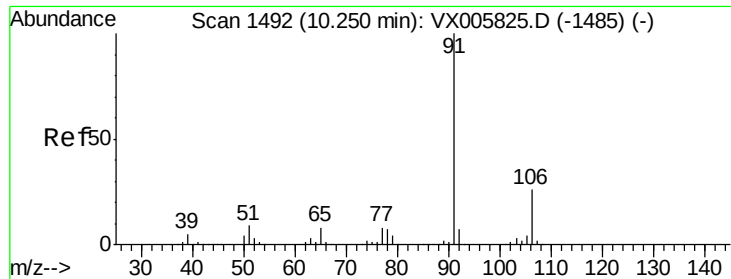
Tgt Ion:112 Resp: 171446
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.93 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

Tgt Ion:131 Resp: 62264
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.5
119 64.8 31.8 95.3

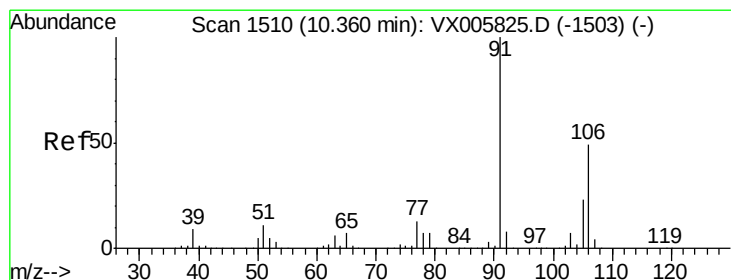
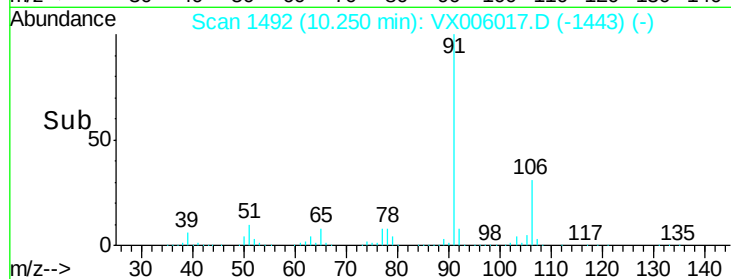
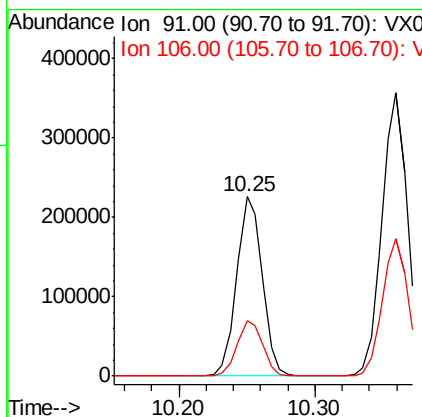
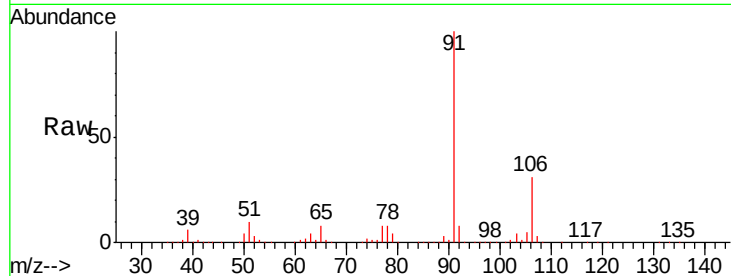




#67
Ethyl Benzene
Concen: 51.41 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

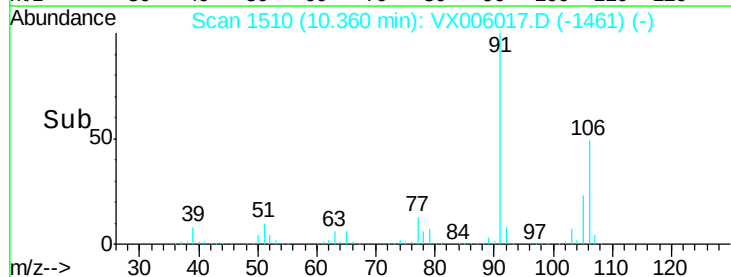
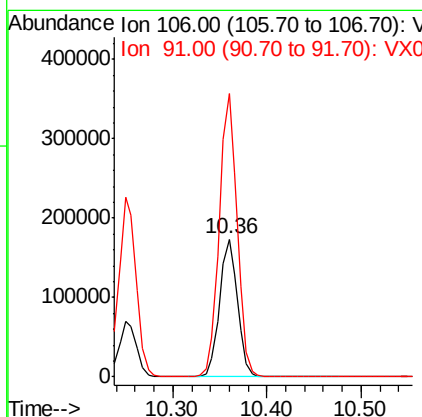
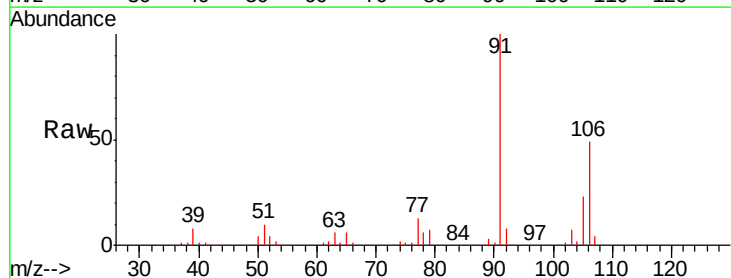
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

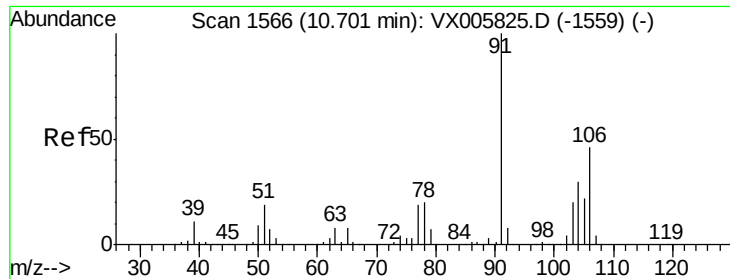
Tgt Ion: 91 Resp: 295678
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6



#68
m/p-Xylenes
Concen: 104.33 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

Tgt Ion: 106 Resp: 228894
Ion Ratio Lower Upper
106 100
91 205.4 164.2 246.4

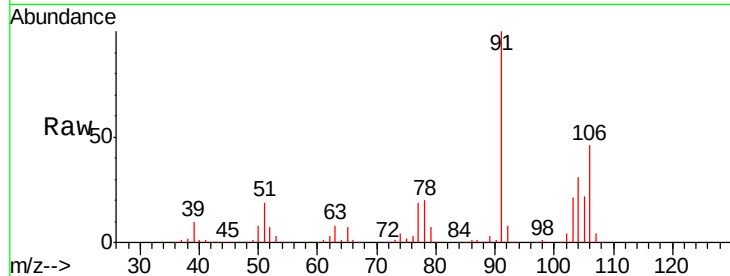




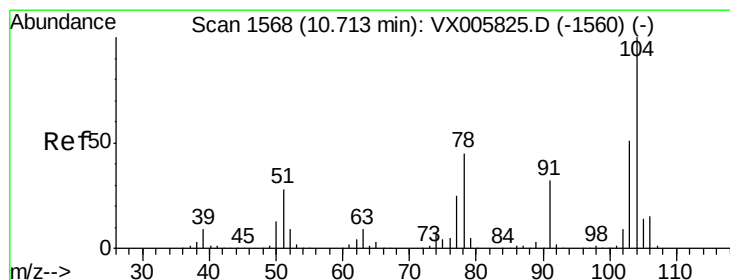
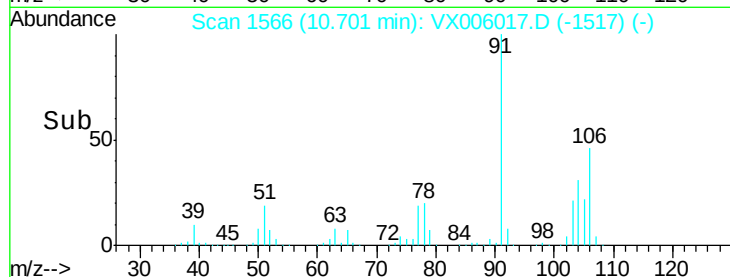
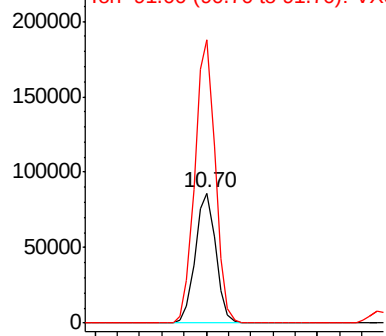
#69
o-Xylene
Concen: 55.72 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 109623
Ion Ratio Lower Upper
106 100
91 217.1 108.5 325.5

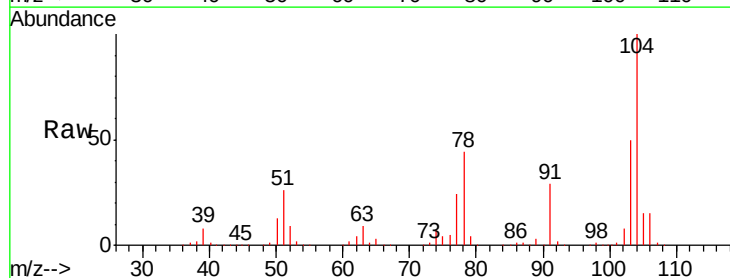


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

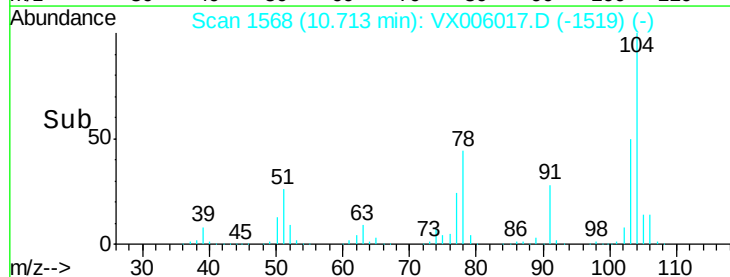
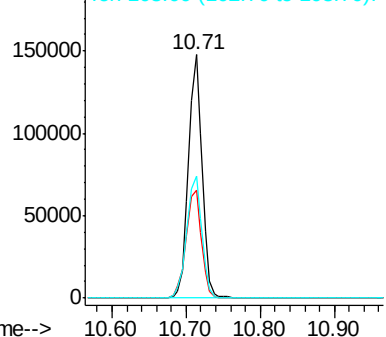


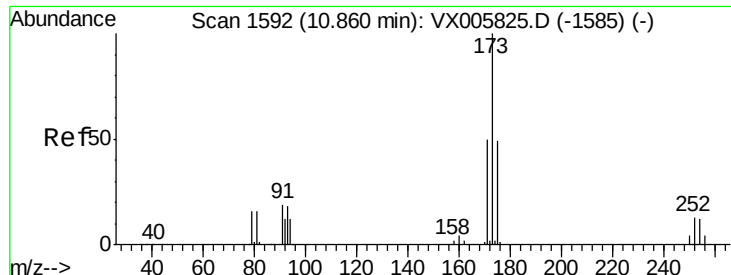
#70
Styrene
Concen: 57.09 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

Tgt Ion:104 Resp: 185259
Ion Ratio Lower Upper
104 100
78 50.2 40.2 60.4
103 55.8 44.9 67.3



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





#71

Bromoform

Concen: 51.22 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

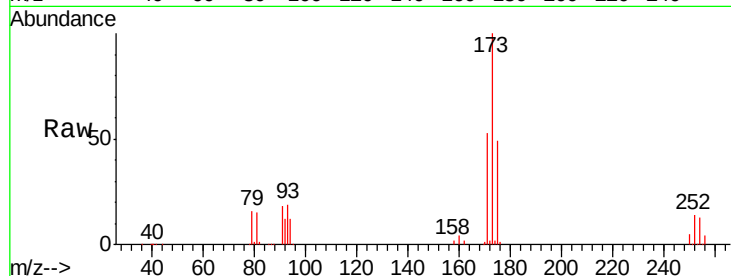
Tgt Ion:173 Resp: 53545

Ion Ratio Lower Upper

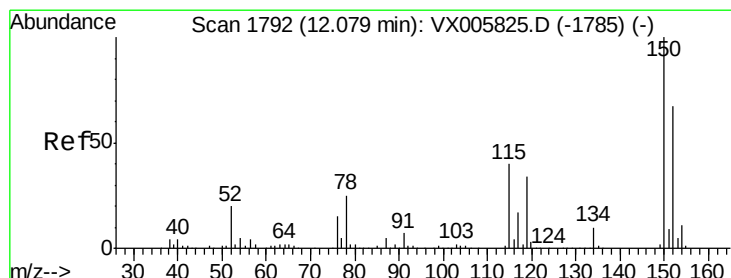
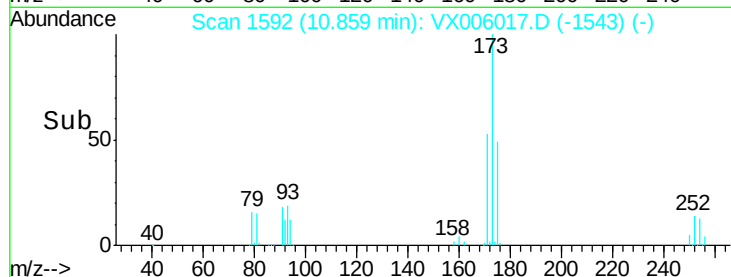
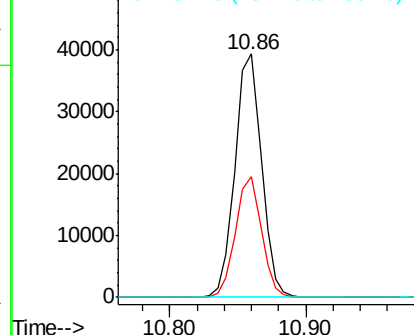
173 100

175 48.7 24.8 74.3

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

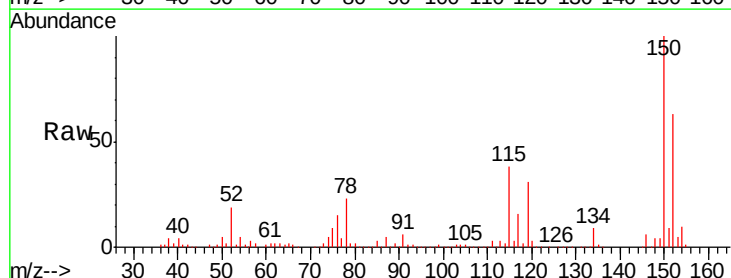
Tgt Ion:152 Resp: 99968

Ion Ratio Lower Upper

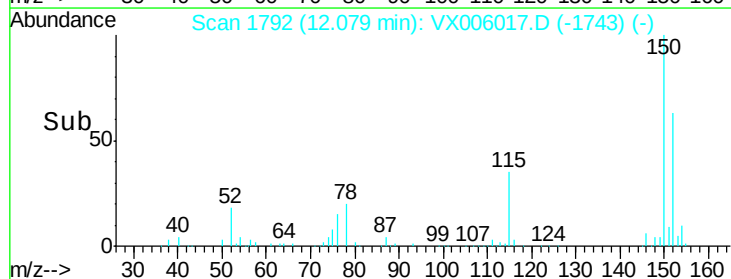
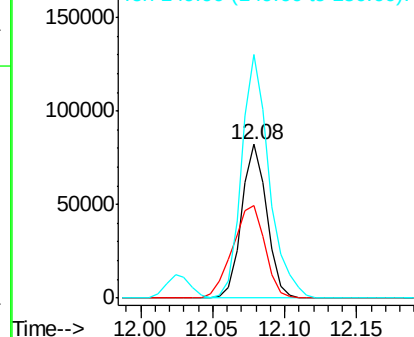
152 100

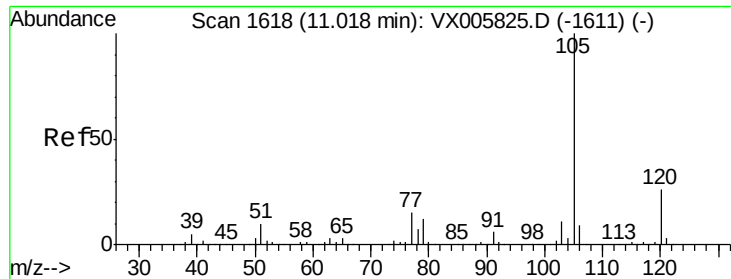
115 77.6 39.4 118.1

150 173.1 0.0 346.4



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

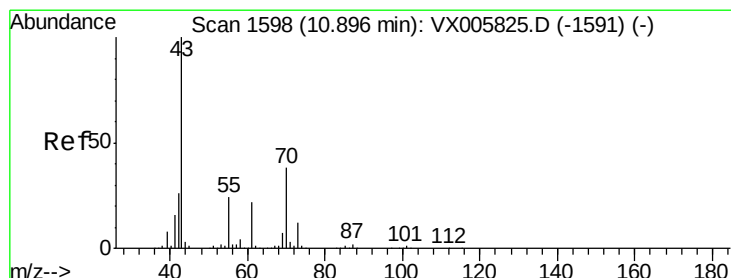
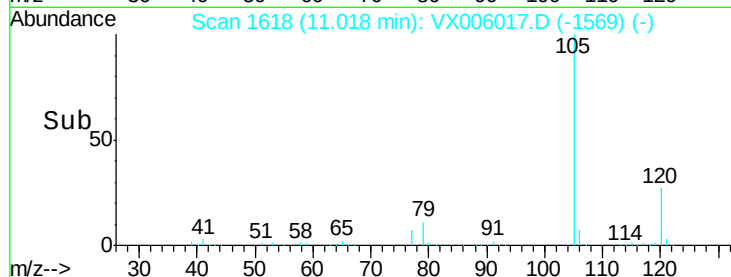
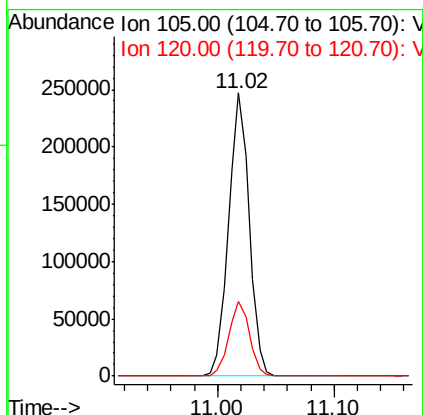
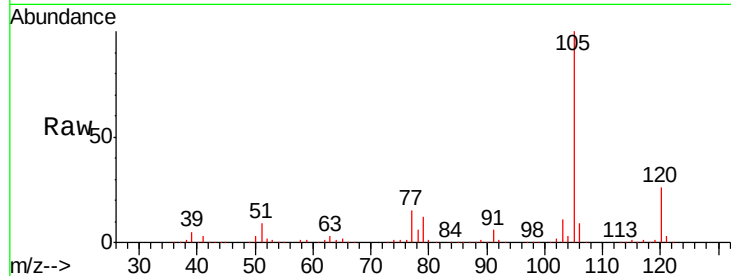




#73
Isopropylbenzene
Concen: 52.57 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

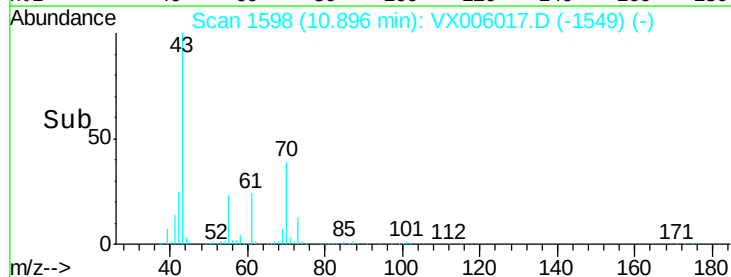
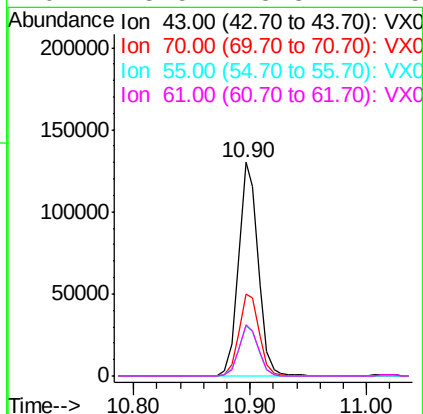
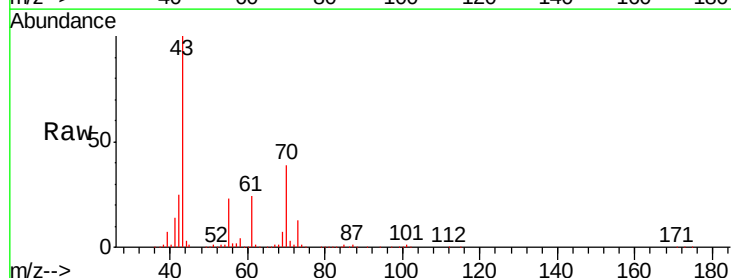
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

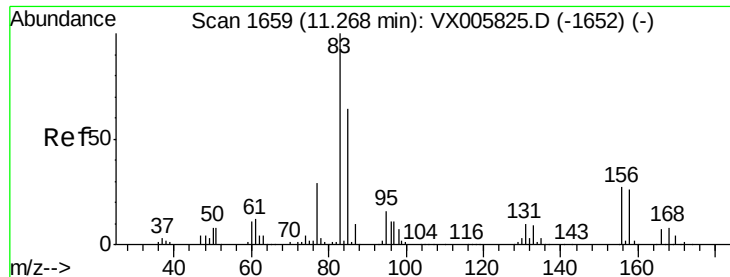
Tgt Ion: 105 Resp: 303902
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3



#74
N-ethyl acetate
Concen: 47.09 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

Tgt Ion: 43 Resp: 152495
Ion Ratio Lower Upper
43 100
70 39.5 31.6 47.4
55 23.5 19.7 29.5
61 23.5 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.68 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

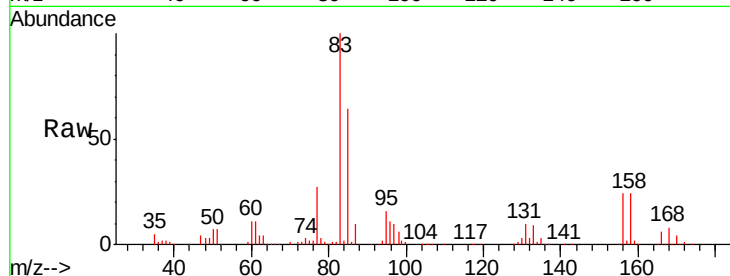
Tgt Ion: 83 Resp: 103291

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.9

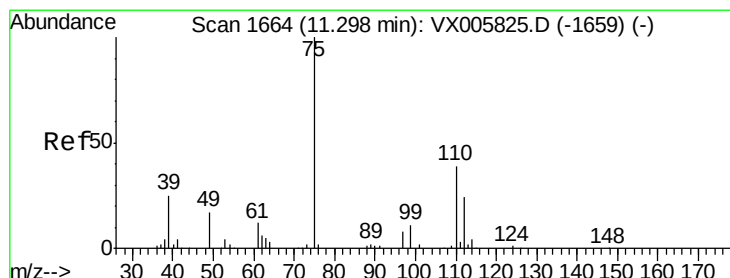
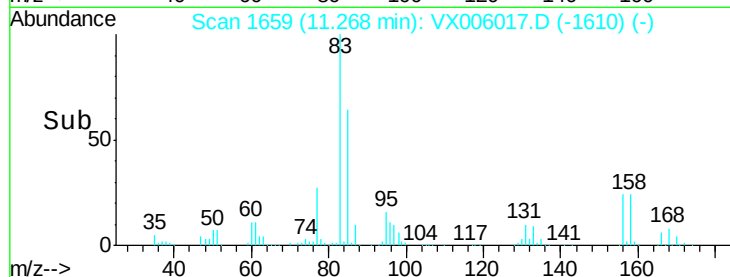
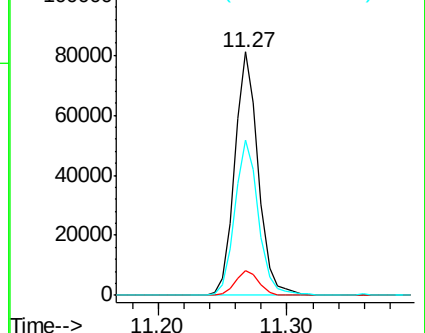
85 64.4 32.0 96.2



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: 62.66 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006017.D

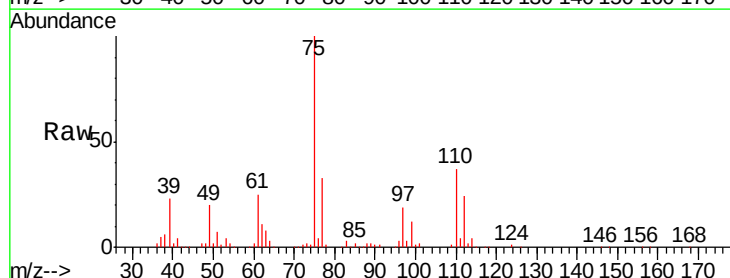
Acq: 15 Nov 2018 11:59

Tgt Ion: 75 Resp: 127541

Ion Ratio Lower Upper

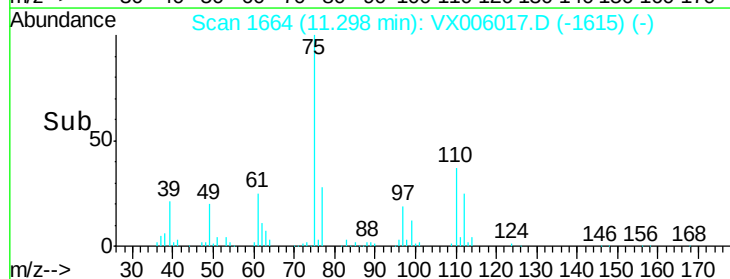
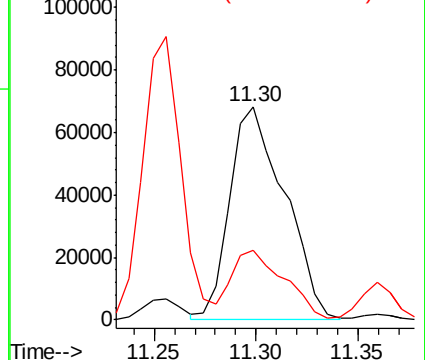
75 100

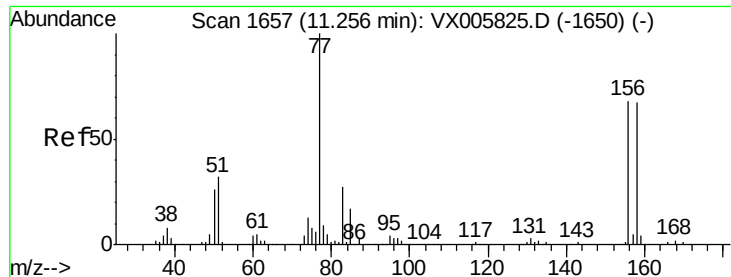
77 31.4 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.45 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

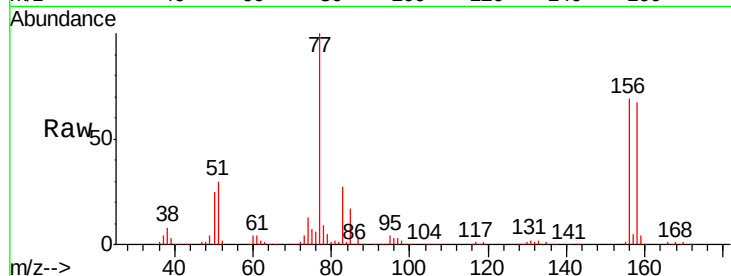
Tgt Ion:156 Resp: 78951

Ion Ratio Lower Upper

156 100

77 150.4 74.8 224.4

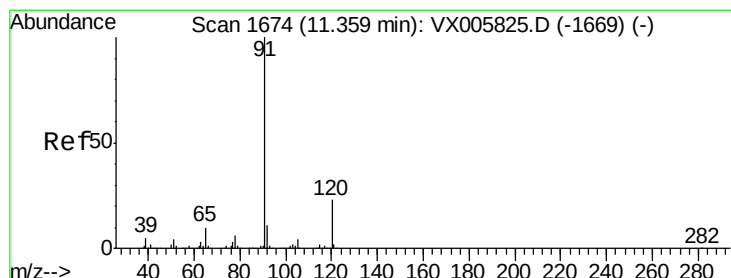
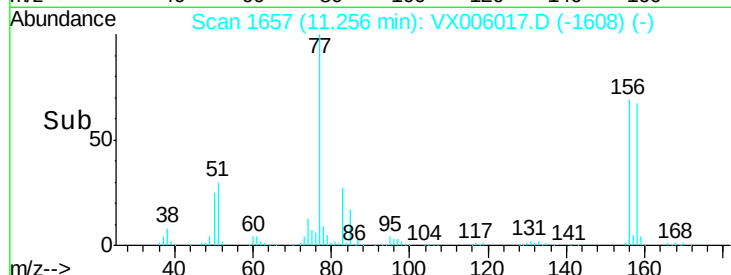
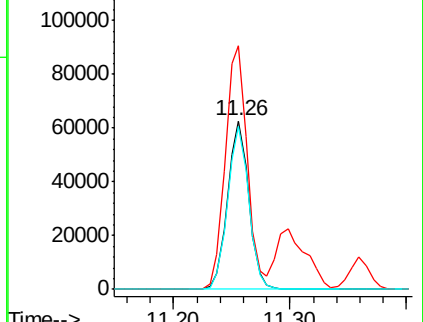
158 96.8 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.09 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006017.D

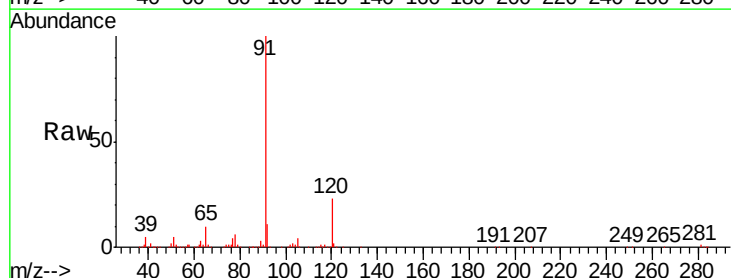
Acq: 15 Nov 2018 11:59

Tgt Ion: 91 Resp: 354895

Ion Ratio Lower Upper

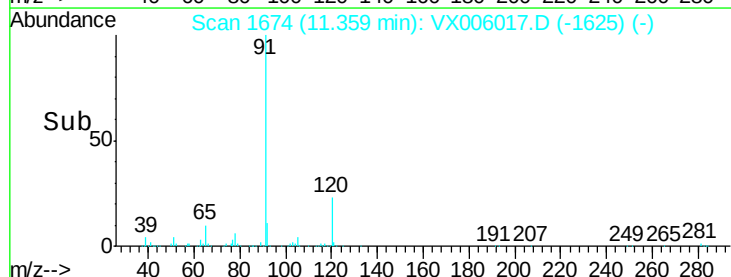
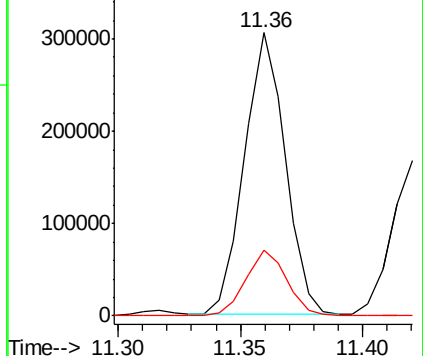
91 100

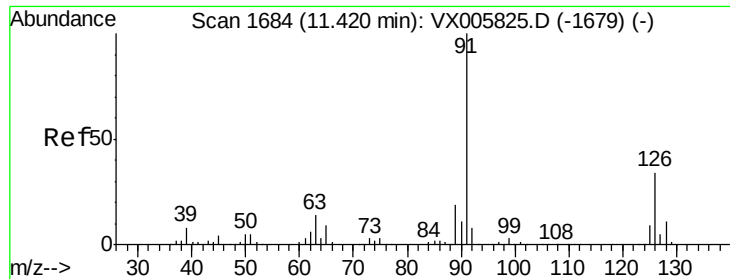
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.44 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

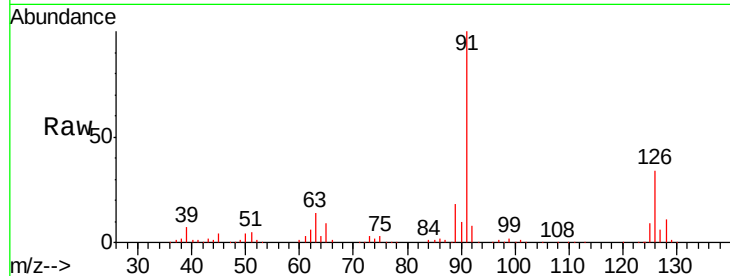
VSTDCCC050

Tgt Ion: 91 Resp: 207714

Ion Ratio Lower Upper

91 100

126 34.6 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX005825.D (-1679) (-)

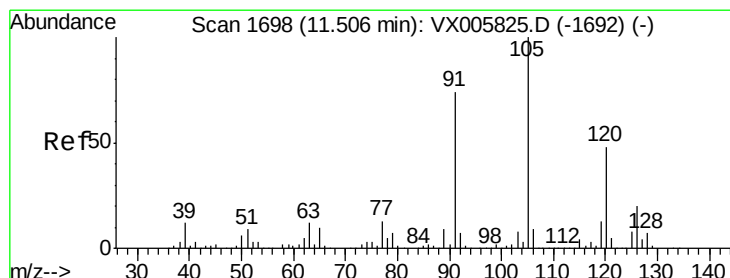
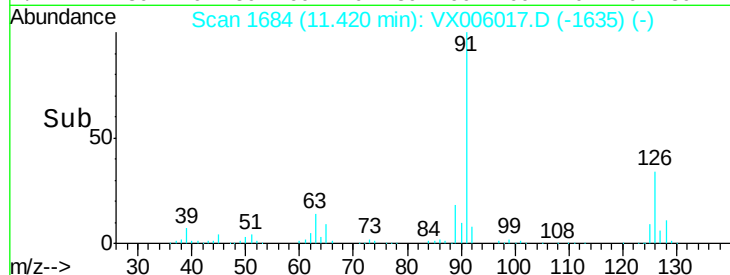
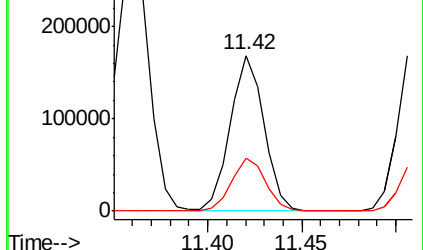
300000

200000

100000

0

11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 52.67 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006017.D

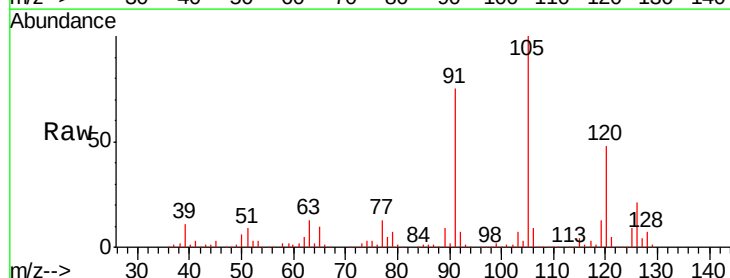
Acq: 15 Nov 2018 11:59

Tgt Ion: 105 Resp: 258774

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005825.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005825.D (-1692) (-)

250000

200000

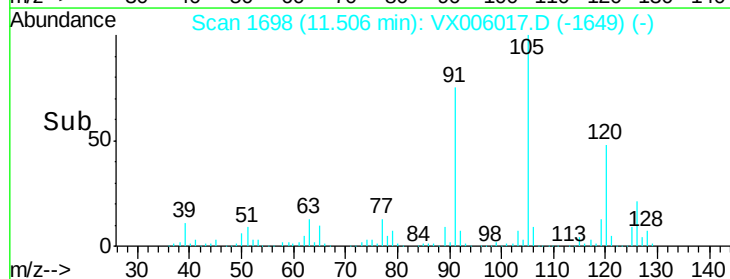
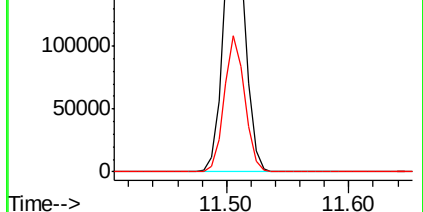
150000

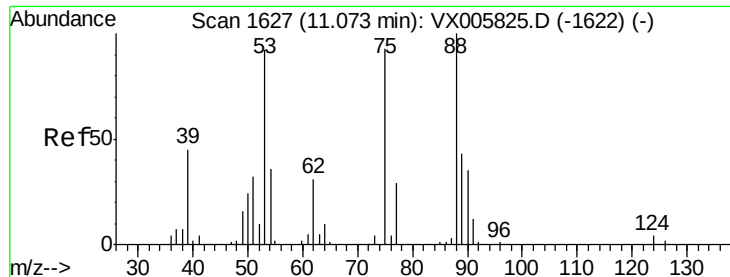
100000

50000

0

11.50 11.60





#81

trans-1,4-Dichloro-2-butene

Concen: 52.29 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006017.D

Acq: 15 Nov 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

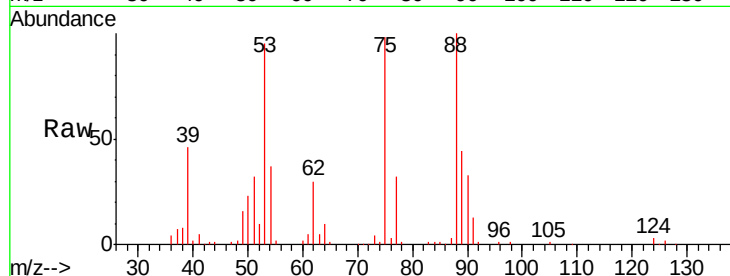
Tgt Ion: 75 Resp: 33396

Ion Ratio Lower Upper

75 100

53 95.7 80.2 120.2

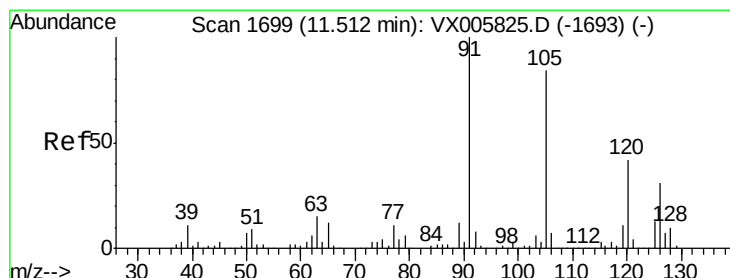
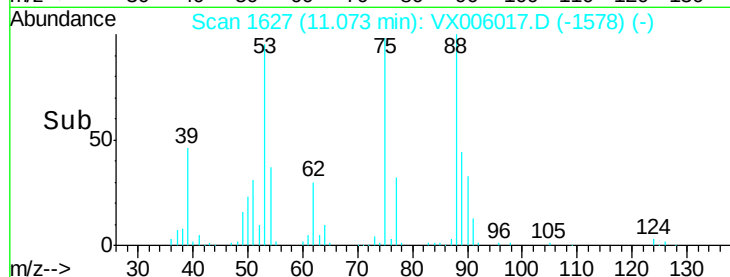
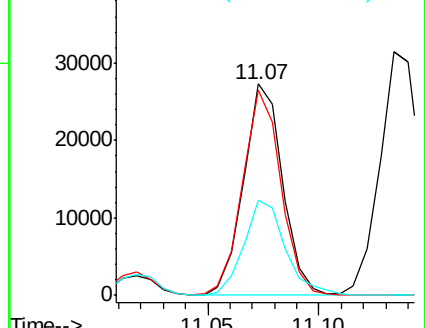
89 48.0 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.80 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006017.D

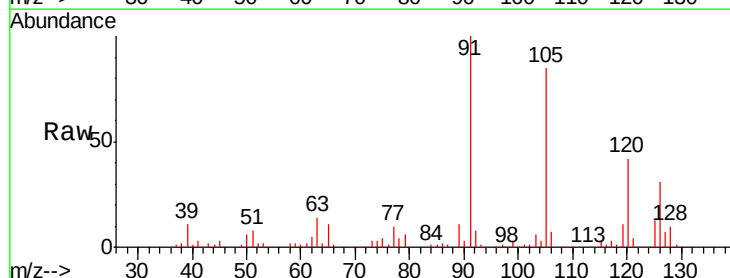
Acq: 15 Nov 2018 11:59

Tgt Ion: 91 Resp: 246541

Ion Ratio Lower Upper

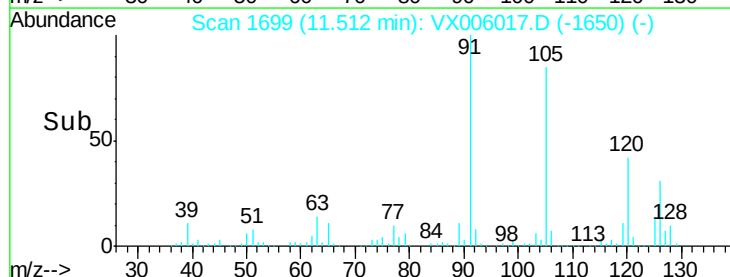
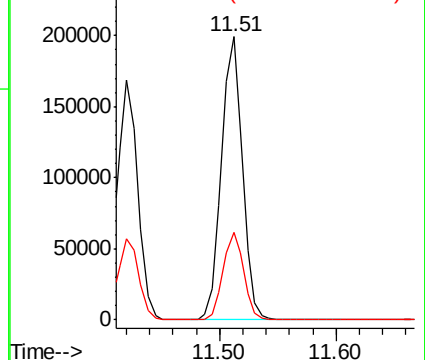
91 100

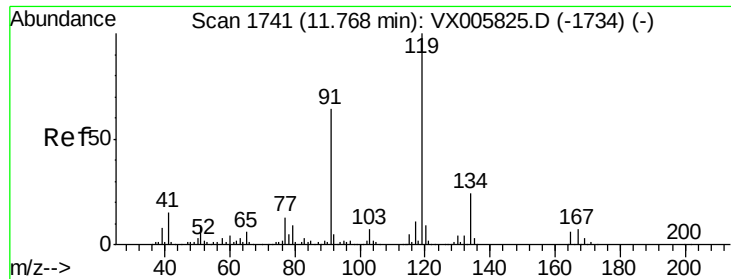
126 30.6 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

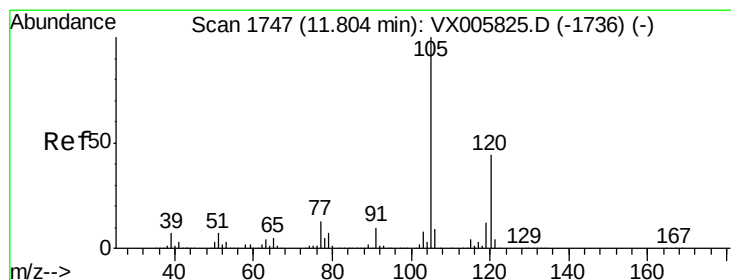
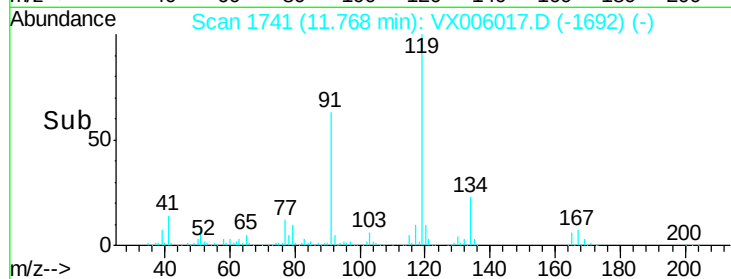
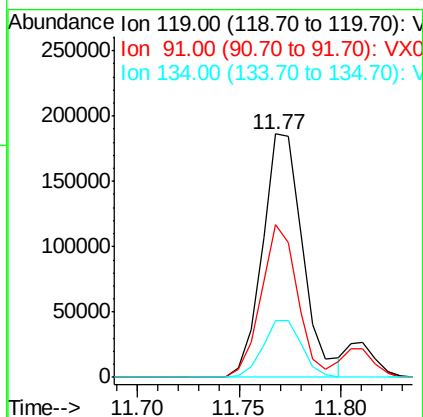
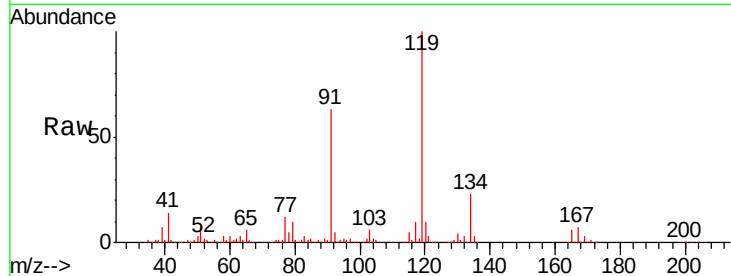




#83
 tert-Butylbenzene
 Concen: 51.58 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006017.D
 Acq: 15 Nov 2018 11:59

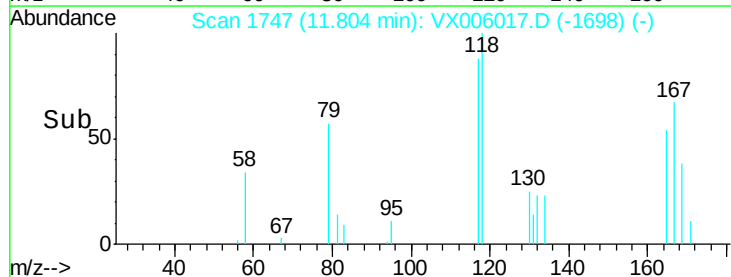
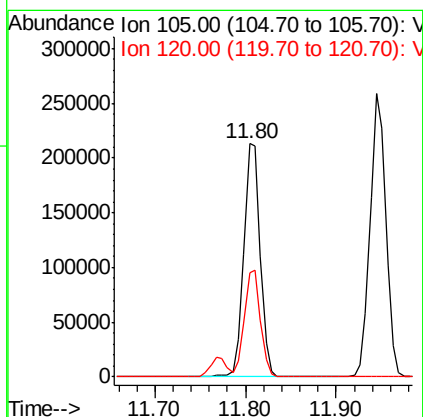
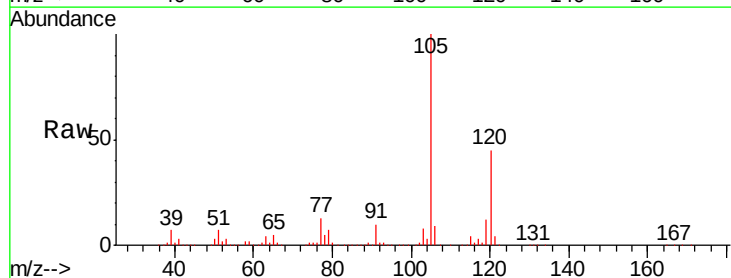
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

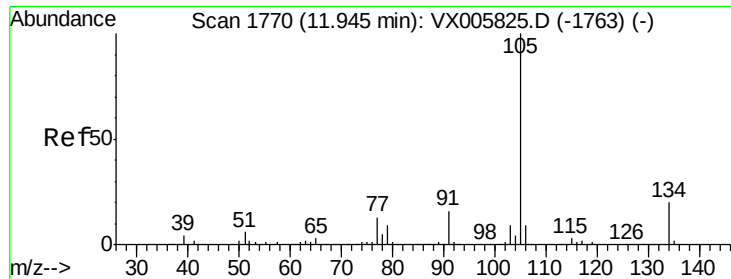
Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.8	28.5	85.5
134	22.7	11.3	33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 49.24 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006017.D
 Acq: 15 Nov 2018 11:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.4	67.0

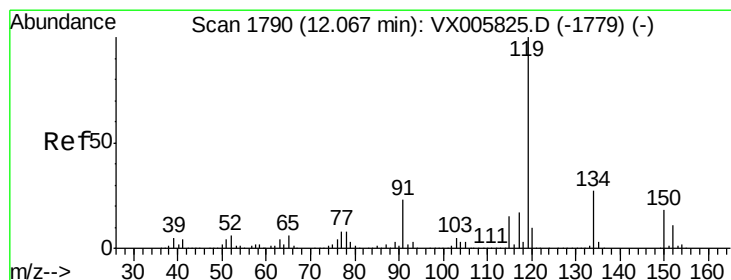
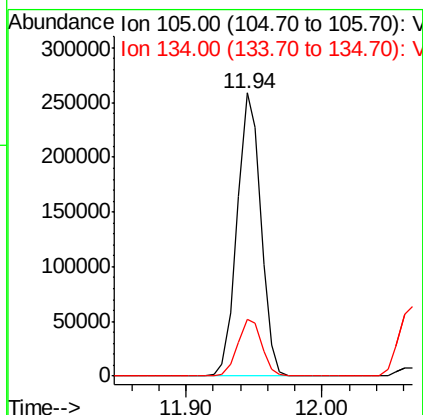
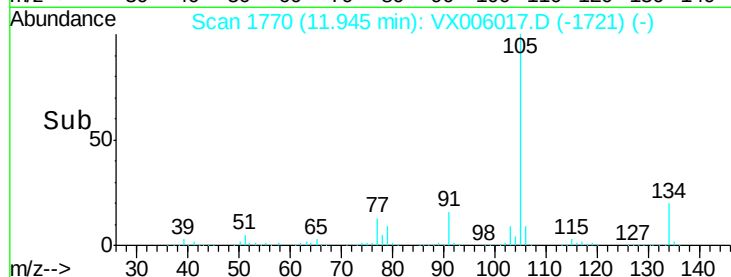
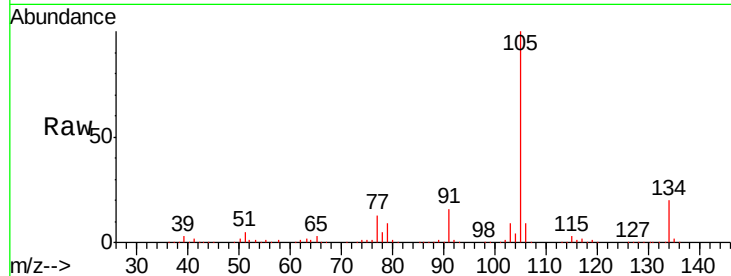




#85
 sec-Butylbenzene
 Concen: 51.65 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006017.D
 Acq: 15 Nov 2018 11:59

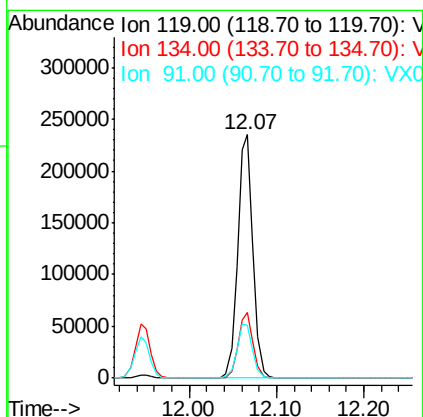
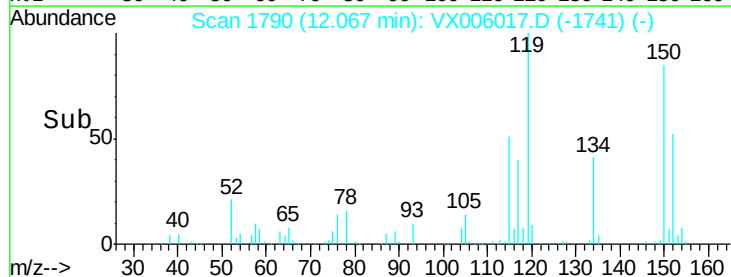
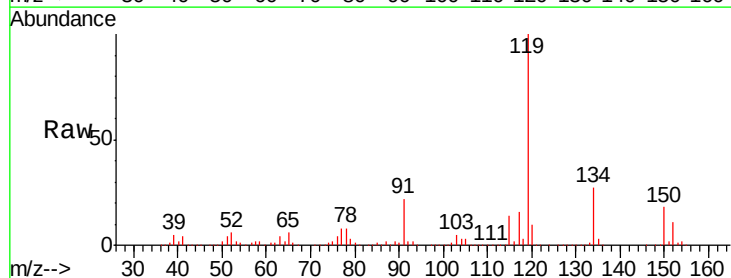
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

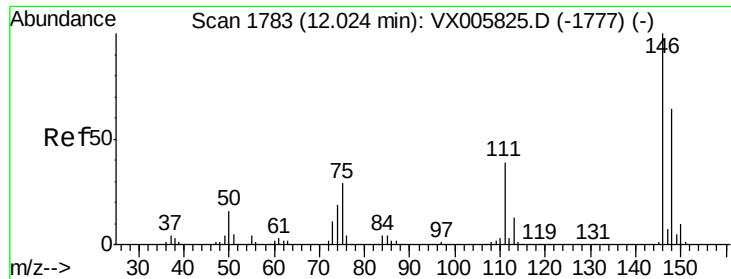
Tgt Ion:105 Resp: 313918
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 52.94 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX006017.D
 Acq: 15 Nov 2018 11:59

Tgt Ion:119 Resp: 285002
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 23.0 11.4 34.2

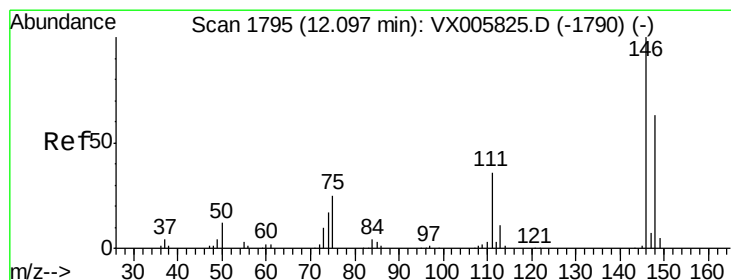
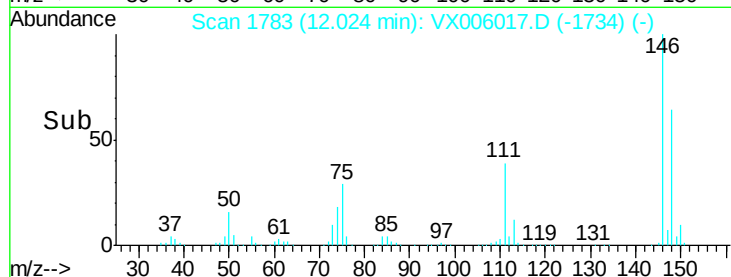
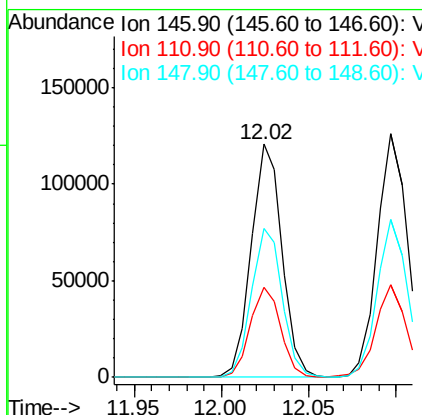
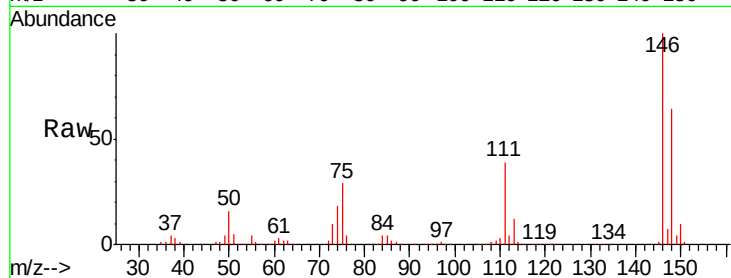




#87
 1,3-Dichlorobenzene
 Concen: 47.49 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006017.D
 Acq: 15 Nov 2018 11:59

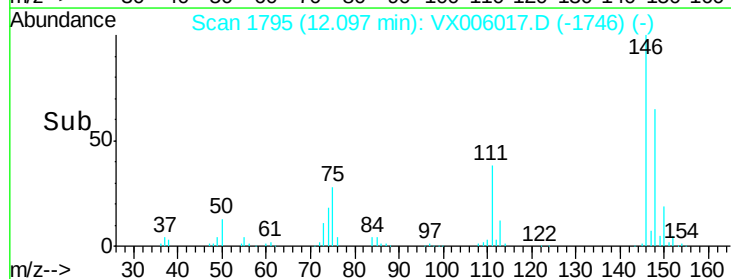
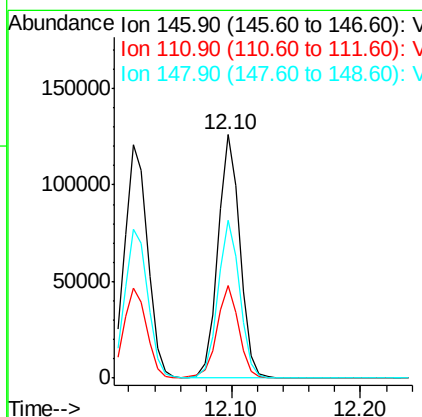
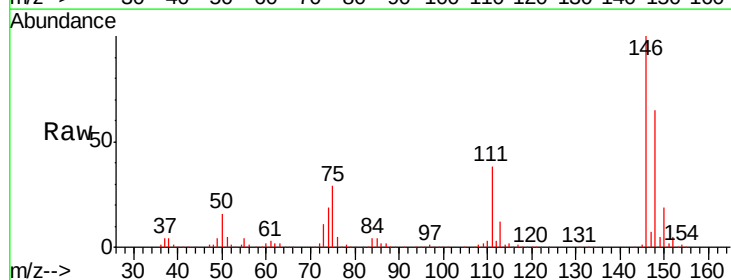
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

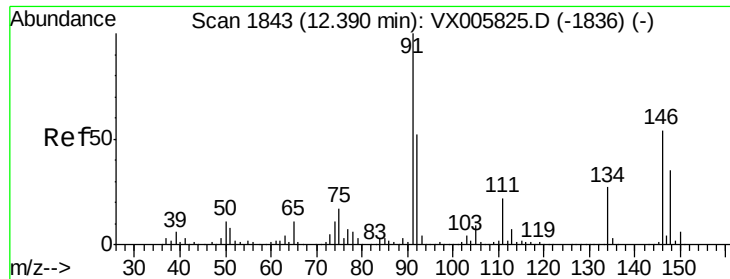
Tgt Ion:146 Resp: 148511
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.0 57.0
 148 64.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 47.35 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006017.D
 Acq: 15 Nov 2018 11:59

Tgt Ion:146 Resp: 151581
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.6 55.8
 148 64.4 32.1 96.3

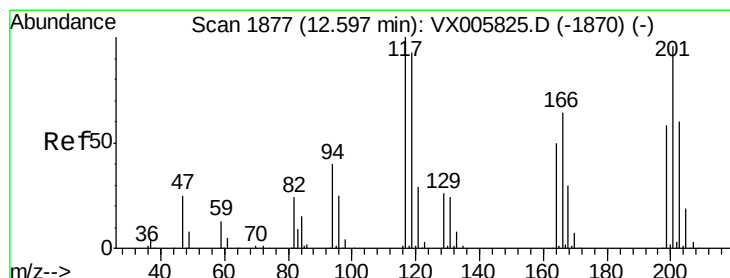
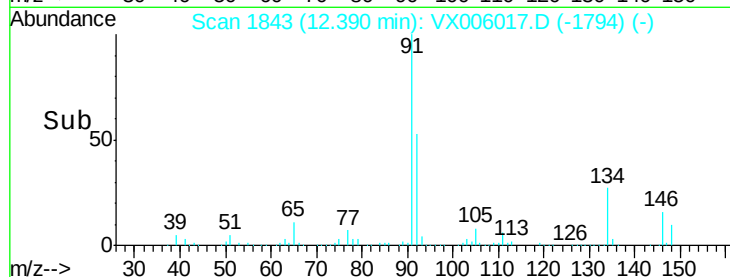
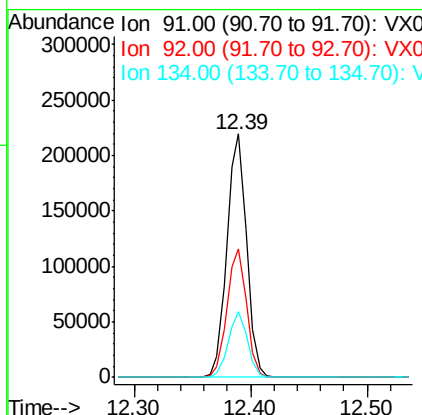
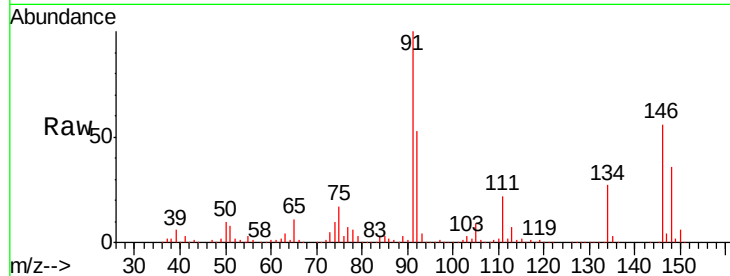




#89
n-Butylbenzene
Concen: 51.36 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

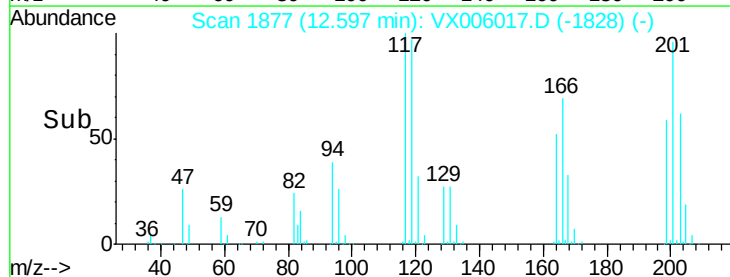
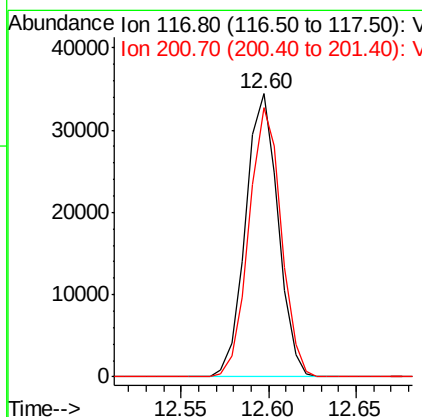
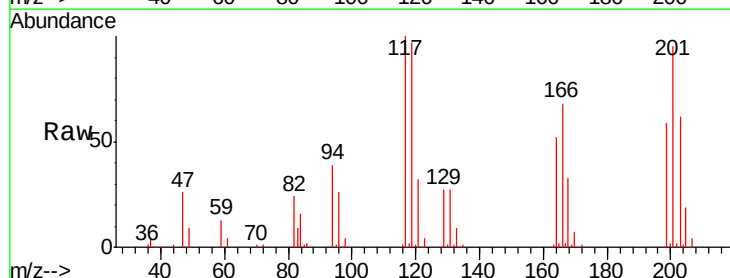
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

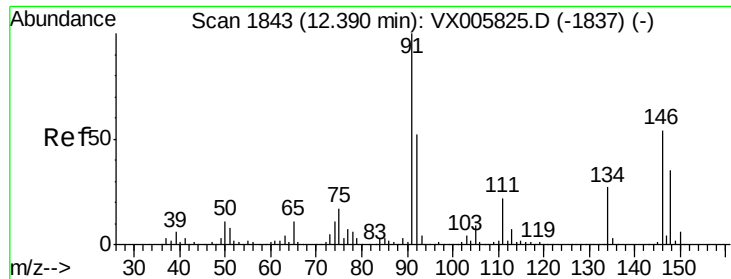
Tgt Ion: 91 Resp: 256275
Ion Ratio Lower Upper
91 100
92 52.5 26.1 78.2
134 26.2 13.1 39.3



#90
Hexachloroethane
Concen: 49.32 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

Tgt Ion: 117 Resp: 44331
Ion Ratio Lower Upper
117 100
201 94.7 47.9 143.6

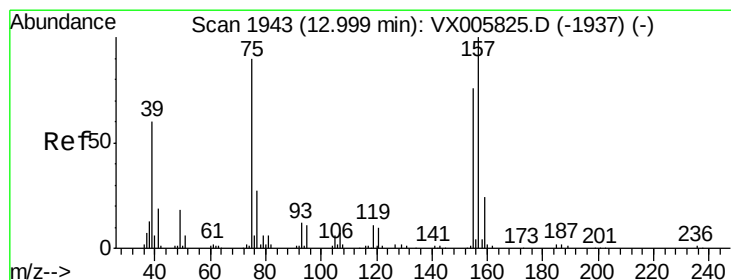
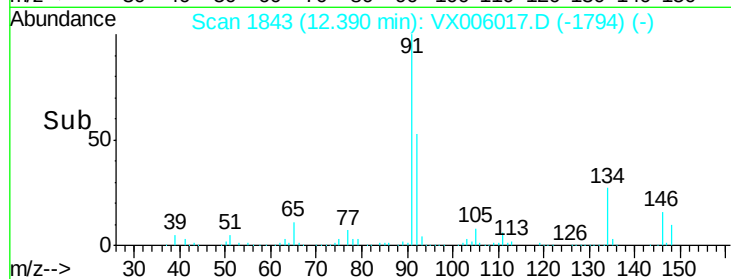
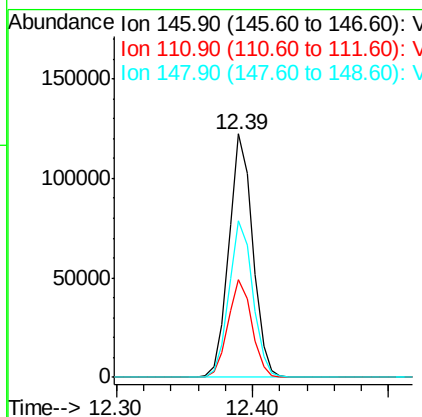
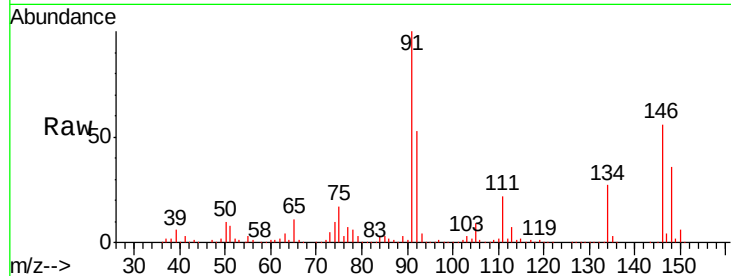




#91
 1,2-Dichlorobenzene
 Concen: 47.40 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006017.D
 Acq: 15 Nov 2018 11:59

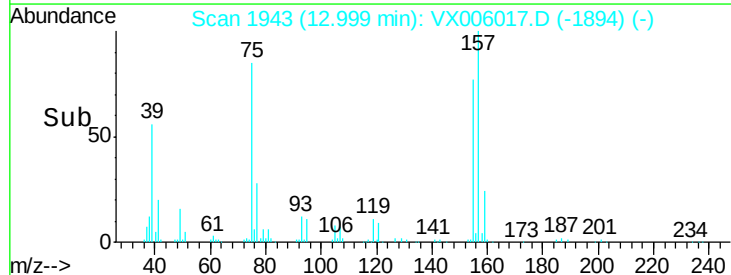
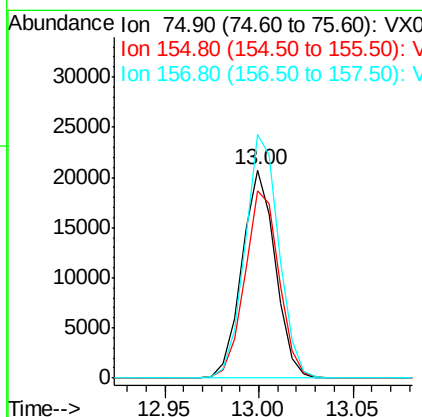
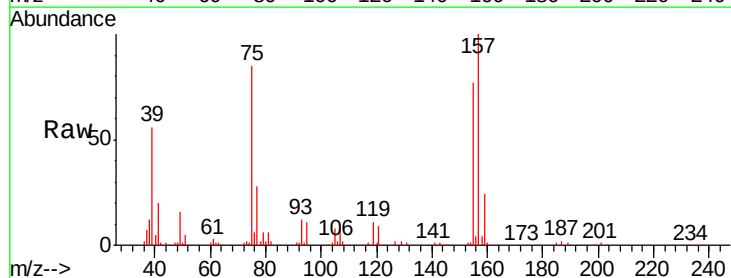
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

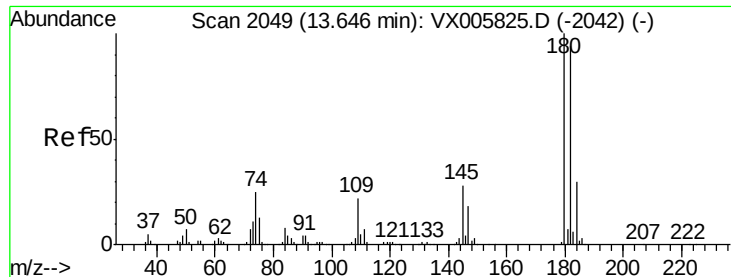
Tgt Ion:146 Resp: 148477
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 59.9
 148 64.4 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.06 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006017.D
 Acq: 15 Nov 2018 11:59

Tgt Ion: 75 Resp: 25401
 Ion Ratio Lower Upper
 75 100
 155 92.6 45.4 136.1
 157 118.7 57.4 172.0

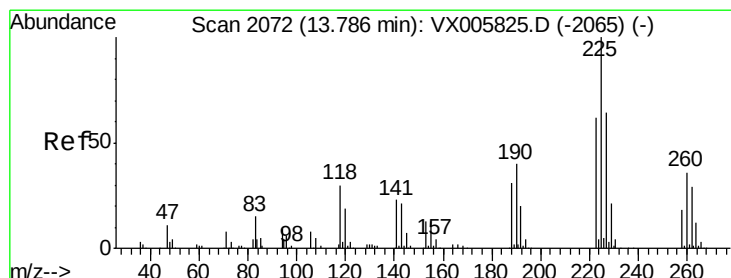
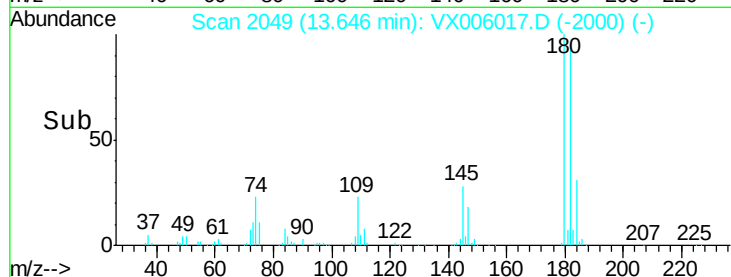
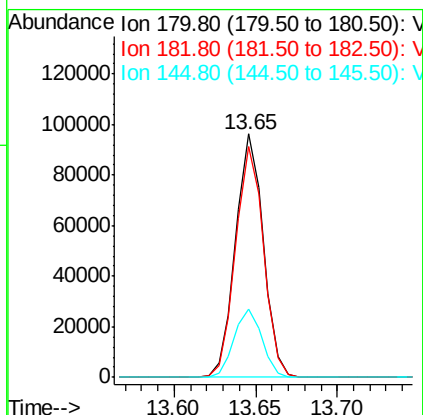
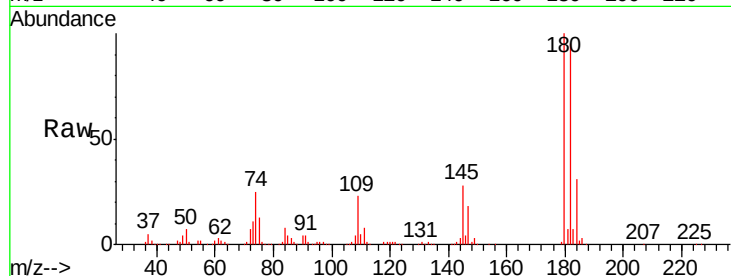




#93
 1,2,4-Trichlorobenzene
 Concen: 51.72 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006017.D
 Acq: 15 Nov 2018 11:59

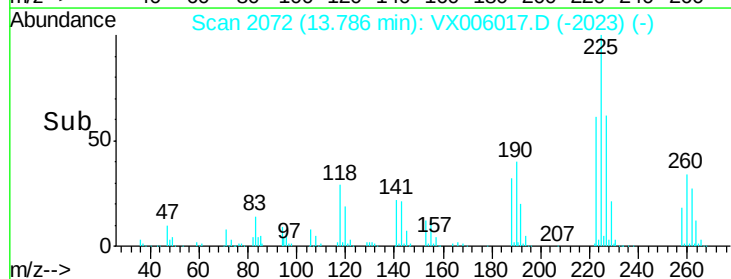
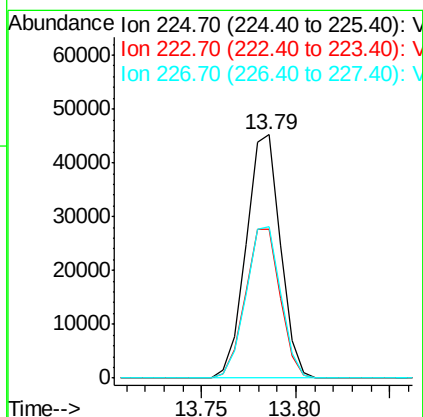
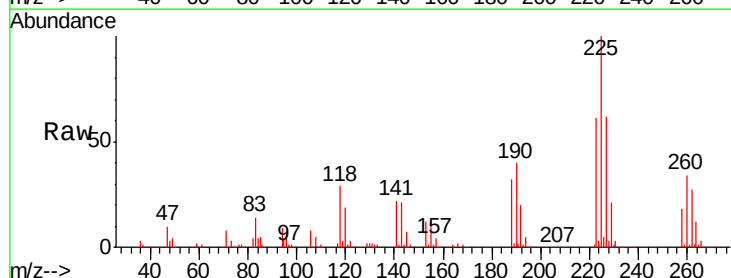
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

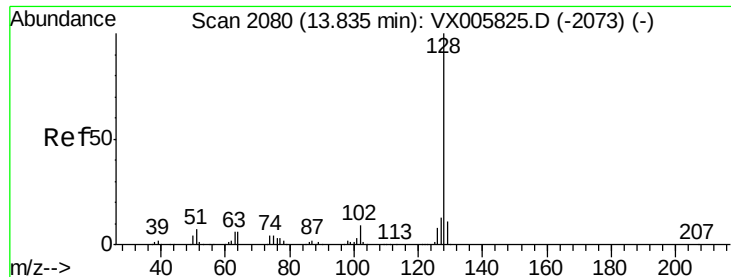
Tgt Ion:180 Resp: 114061
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.6 142.8
 145 28.3 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 49.21 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX006017.D
 Acq: 15 Nov 2018 11:59

Tgt Ion:225 Resp: 57011
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.7 95.1
 227 63.1 32.3 96.9

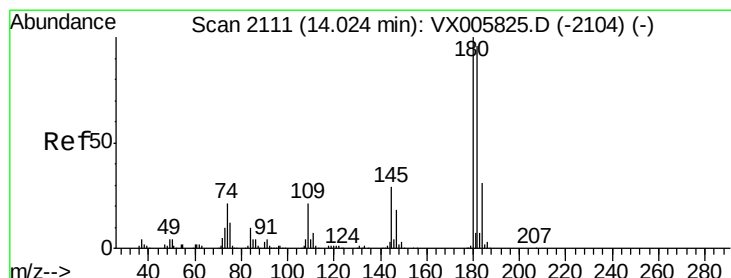
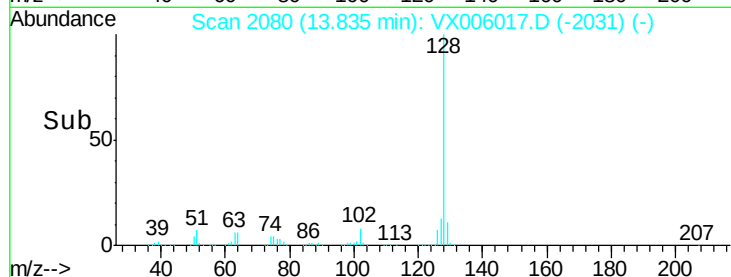
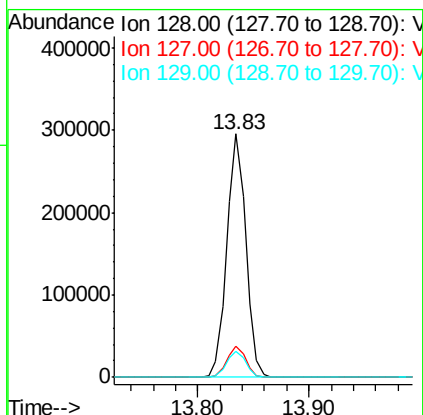
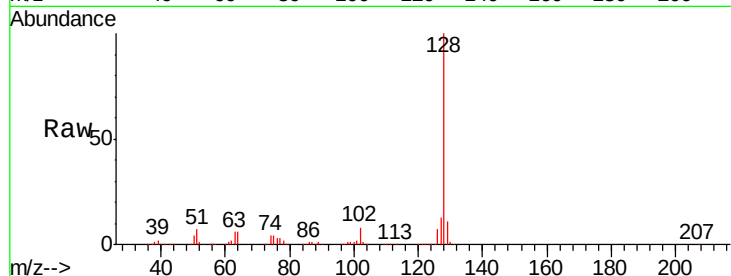




#95
Naphthalene
Concen: 48.49 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 348474
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.56 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006017.D
Acq: 15 Nov 2018 11:59

Tgt Ion:180 Resp: 115842
Ion Ratio Lower Upper
180 100
182 94.8 48.0 144.2
145 29.5 15.1 45.3

