

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021919\
 Data File : VX007601.D
 Acq On : 19 Feb 2019 09:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 20 04:00:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	428216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	615089	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	567955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	305208	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	217526	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
35) Dibromofluoromethane	5.50	113	202103	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	
50) Toluene-d8	8.71	98	731273	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.13	95	267317	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	236366	44.937	ug/l	98
3) Chloromethane	1.33	50	207394	42.999	ug/l	98
4) Vinyl Chloride	1.41	62	219866	46.466	ug/l	97
5) Bromomethane	1.64	94	218287	46.623	ug/l	95
6) Chloroethane	1.71	64	142062	46.411	ug/l	98
7) Trichlorofluoromethane	1.93	101	352873	47.672	ug/l	98
8) Diethyl Ether	2.19	74	129883	46.619	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	208427	47.338	ug/l	98
10) Methyl Iodide	2.51	142	278226	42.956	ug/l	100
11) Tert butyl alcohol	3.07	59	221540	235.524	ug/l	100
12) 1,1-Dichloroethene	2.37	96	180974	44.263	ug/l	99
13) Acrolein	2.29	56	118194	267.962	ug/l	99
14) Allyl chloride	2.73	41	304500	45.708	ug/l	98
15) Acrylonitrile	3.15	53	544445	233.977	ug/l	100
16) Acetone	2.45	43	588702	282.755	ug/l	96
17) Carbon Disulfide	2.57	76	419990	39.738	ug/l	98
18) Methyl Acetate	2.78	43	296110	54.531	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	620440	46.840	ug/l	98
20) Methylene Chloride	2.86	84	205314	48.265	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	187287	43.001	ug/l	99
22) Diisopropyl ether	3.87	45	647208	52.816	ug/l	98
23) Vinyl Acetate	3.82	43	2759966	271.418	ug/l	99
24) 1,1-Dichloroethane	3.70	63	364620	51.813	ug/l	98
25) 2-Butanone	4.70	43	847500	286.031	ug/l	99
26) 2,2-Dichloropropane	4.58	77	287678	53.679	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	229258	48.192	ug/l	99
28) Bromochloromethane	5.01	49	168960	52.210	ug/l	98
29) Tetrahydrofuran	5.15	42	497144	266.779	ug/l	99
30) Chloroform	5.21	83	380309	51.790	ug/l	100
31) Cyclohexane	5.57	56	298523	47.232	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	328594	53.012	ug/l	99
36) 1,1-Dichloropropene	5.79	75	267007	48.381	ug/l	99
37) Ethyl Acetate	4.85	43	284205	50.943	ug/l	99
38) Carbon Tetrachloride	5.78	117	290626	54.281	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	332024	49.725	ug/l	98
40) Benzene	6.14	78	820213	50.454	ug/l	99
41) Methacrylonitrile	5.06	41	160196	53.578	ug/l	99
42) 1,2-Dichloroethane	6.20	62	279309	49.657	ug/l	98
43) Isopropyl Acetate	6.46	43	465982	54.114	ug/l	100
44) Trichloroethene	7.21	130	243509	49.734	ug/l	99
45) 1,2-Dichloropropane	7.51	63	212763	52.235	ug/l	96
46) Dibromomethane	7.66	93	149772	50.592	ug/l	98
47) Bromodichloromethane	7.90	83	280363	55.880	ug/l	98
48) Methyl methacrylate	7.77	41	243103	56.441	ug/l	98
49) 1,4-Dioxane	7.75	88	105647	1078.000	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1548435	273.156	ug/l	100
52) Toluene	8.78	92	532768	50.794	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	303174	56.255	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	331360	55.911	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	229400	52.469	ug/l	95
56) Ethyl methacrylate	9.18	69	326010	53.837	ug/l	99
57) 1,3-Dichloropropane	9.37	76	361876	52.046	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	876607	274.650	ug/l	99
59) 2-Hexanone	9.49	43	1232513	279.407	ug/l	99
60) Dibromochloromethane	9.58	129	244184	59.053	ug/l	97
61) 1,2-Dibromoethane	9.67	107	243637	52.620	ug/l	100
64) Tetrachloroethene	9.33	164	250889	46.868	ug/l	97
65) Chlorobenzene	10.14	112	621111	50.114	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	232153	55.869	ug/l	99
67) Ethyl Benzene	10.25	91	1031198	51.666	ug/l	98
68) m/p-Xylenes	10.36	106	812339	102.388	ug/l	100
69) o-Xylene	10.69	106	390915	51.205	ug/l	98
70) Styrene	10.71	104	652654	52.713	ug/l	99
71) Bromoform	10.85	173	184767	50.641	ug/l	99
73) Isopropylbenzene	11.02	105	1071462	51.660	ug/l	99
74) N-amyl acetate	10.90	43	413942	51.600	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	325897	51.559	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	386958	65.181	ug/l	79
77) Bromobenzene	11.26	156	286205	48.976	ug/l	99
78) n-propylbenzene	11.36	91	1219326	53.613	ug/l	99
79) 2-Chlorotoluene	11.42	91	698276	50.599	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	879044	51.805	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	98582	51.214	ug/l	99
82) 4-Chlorotoluene	11.51	91	822051	51.480	ug/l	99
83) tert-Butylbenzene	11.77	119	873225	51.979	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	900965	52.300	ug/l	100
85) sec-Butylbenzene	11.94	105	1088645	53.541	ug/l	100
86) p-Isopropyltoluene	12.06	119	976856	53.222	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	515117	49.117	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	517692	48.655	ug/l	100
89) n-Butylbenzene	12.39	91	855000	54.151	ug/l	99
90) Hexachloroethane	12.60	117	162310	59.087	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	513309	49.181	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	70236	53.440	ug/l	97

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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
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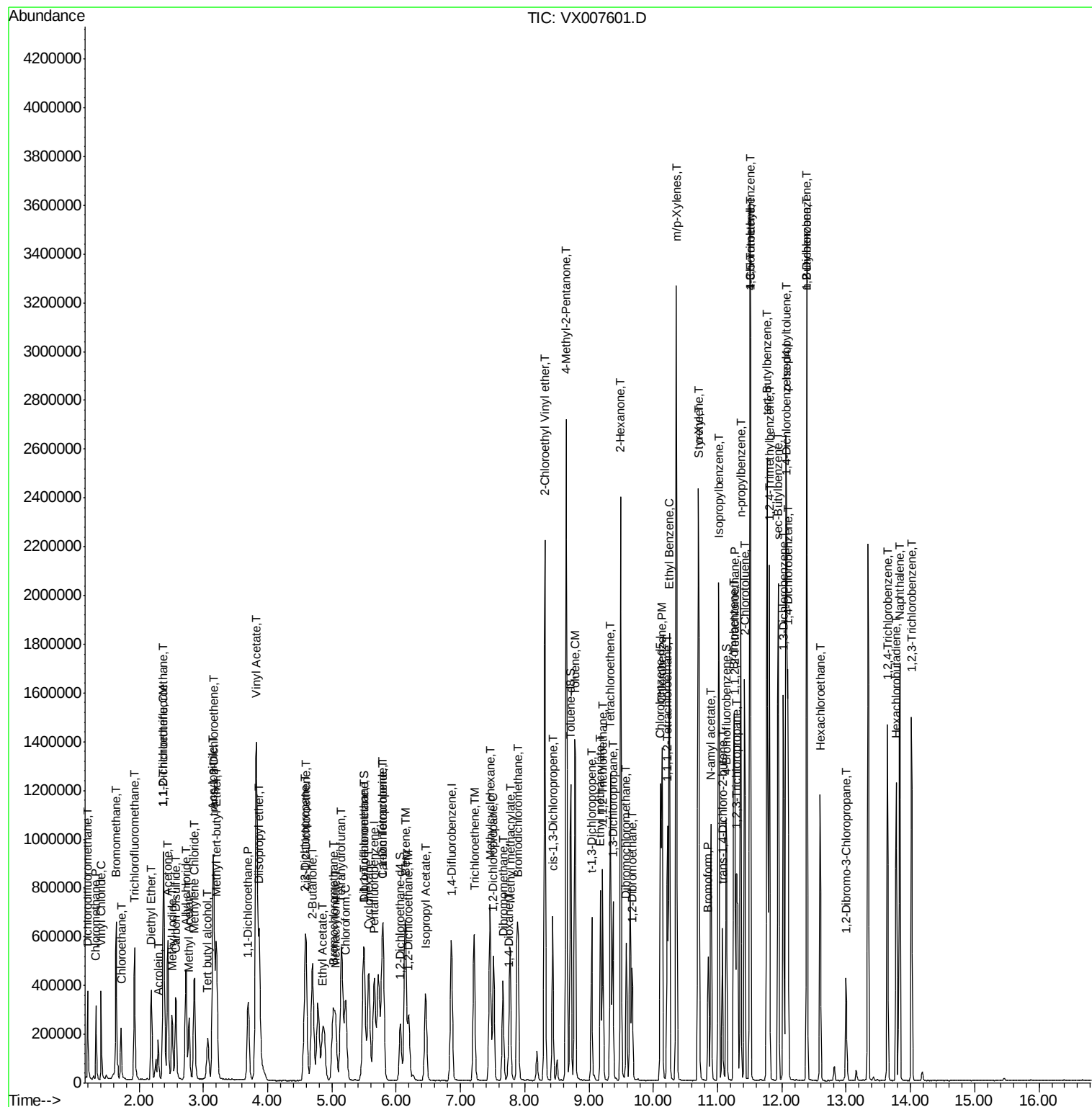
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	361056	51.296	ug/l	99
94) Hexachlorobutadiene	13.78	225	176823	51.736	ug/l	99
95) Naphthalene	13.83	128	1080514	52.495	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	360602	50.896	ug/l	98

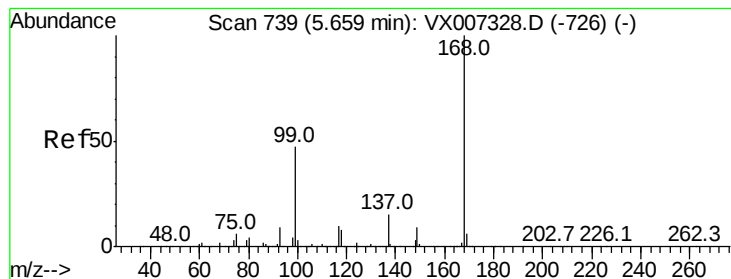
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

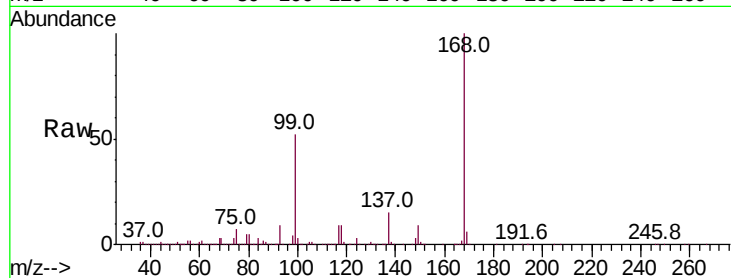
VSTDCCC050

Tot Ion:168 Resp: 428216

Ion Ratio Lower Upper

168 100

99 51.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

150000

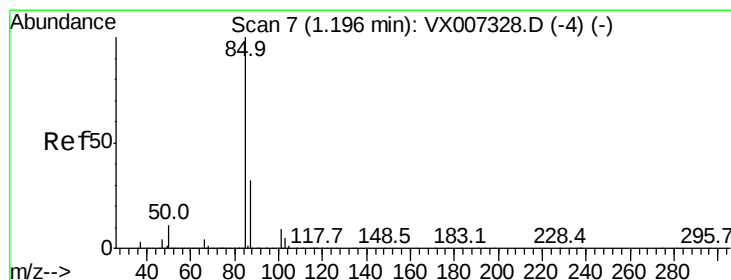
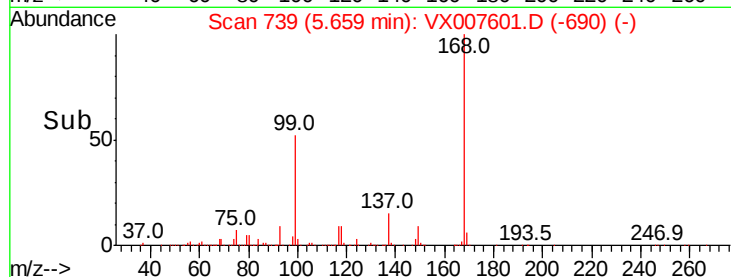
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.937 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007601.D

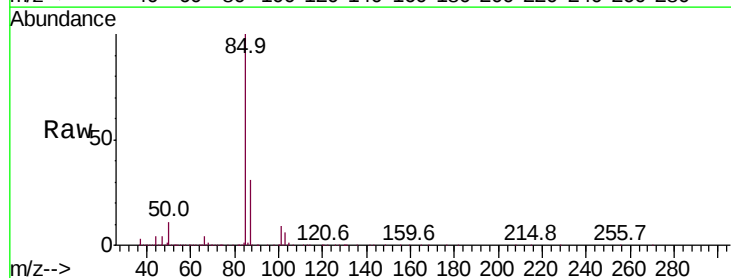
Acq: 19 Feb 2019 09:36

Tgt Ion: 85 Resp: 236366

Ion Ratio Lower Upper

85 100

87 30.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

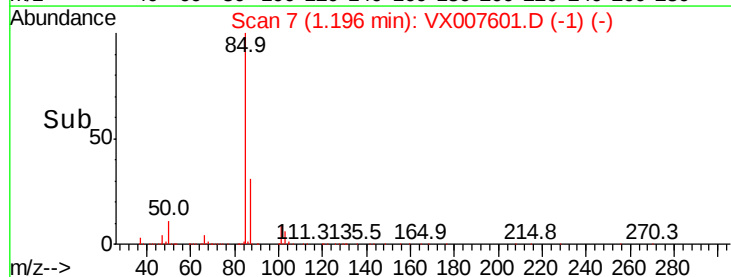
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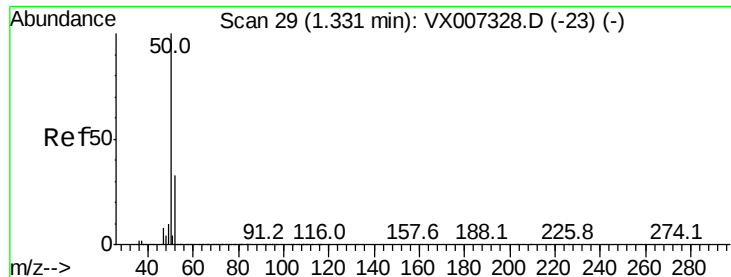
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 42.999 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

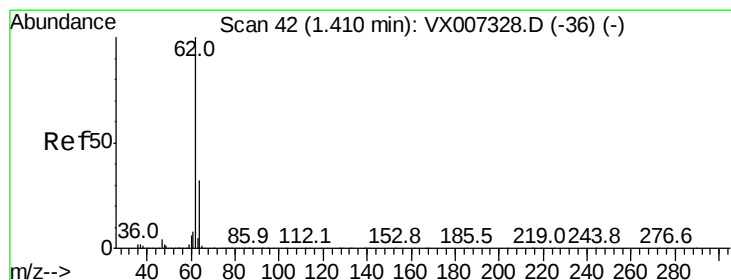
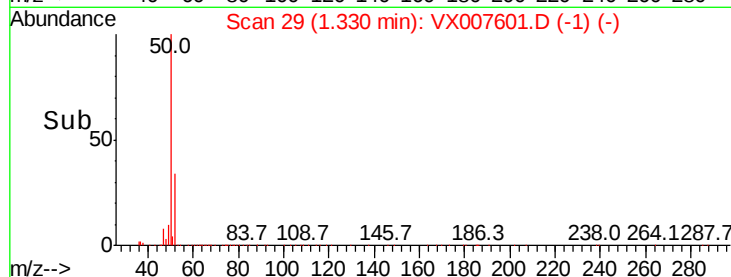
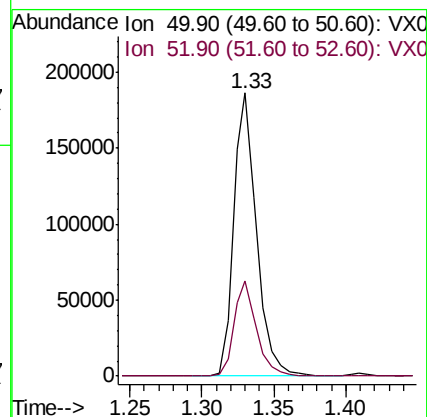
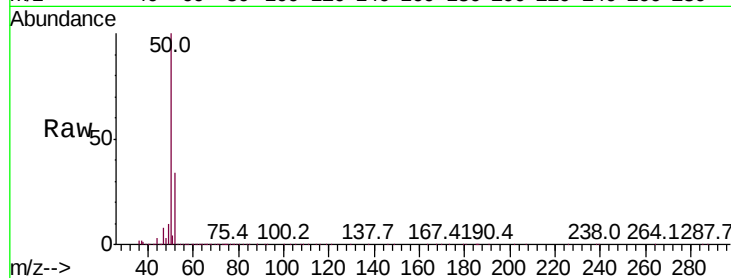
VSTDCCC050

Tot Ion: 50 Resp: 207394

Ion Ratio Lower Upper

50 100

52 33.8 26.1 39.1



#4

Vinyl Chloride

Concen: 46.466 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007601.D

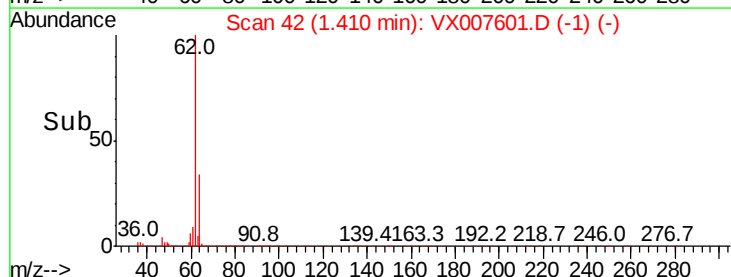
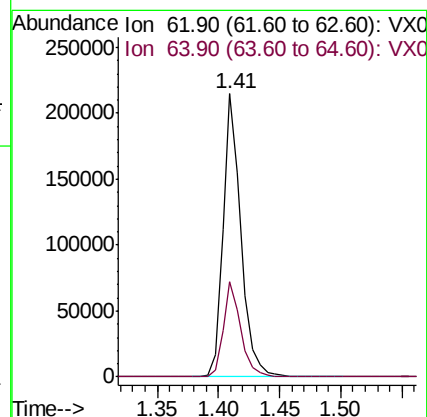
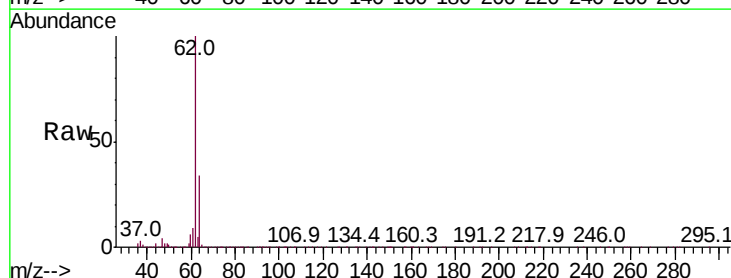
Acq: 19 Feb 2019 09:36

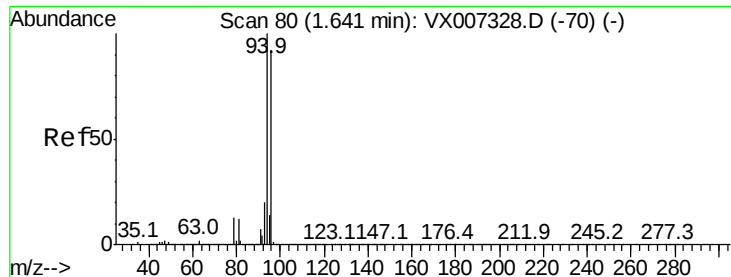
Tgt Ion: 62 Resp: 219866

Ion Ratio Lower Upper

62 100

64 33.6 25.4 38.0





#5

Bromomethane

Concen: 46.623 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

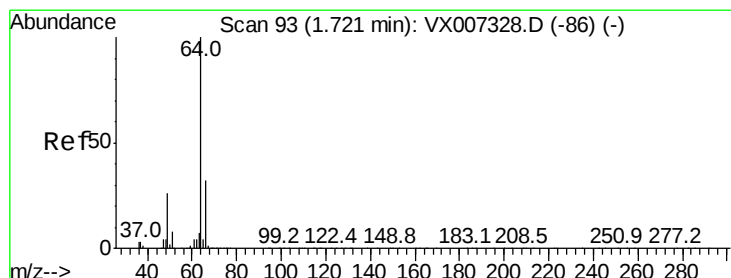
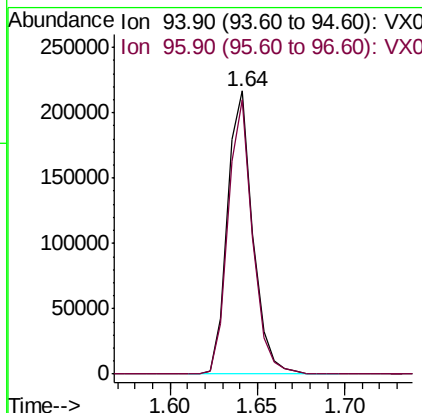
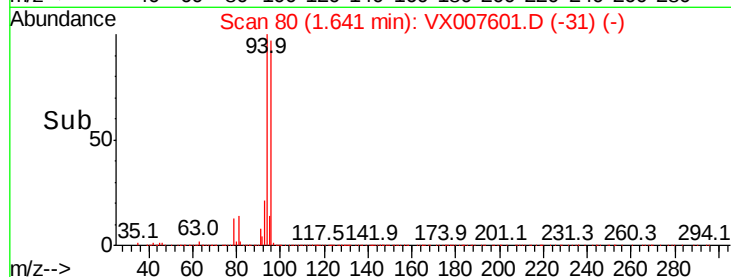
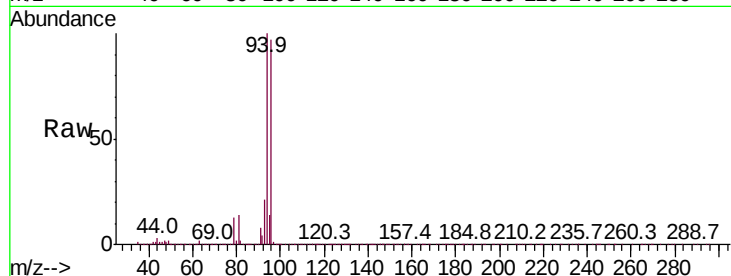
VSTDCCC050

Tot Ion: 94 Resp: 218287

Ion Ratio Lower Upper

94 100

96 96.8 73.9 110.9



#6

Chloroethane

Concen: 46.411 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007601.D

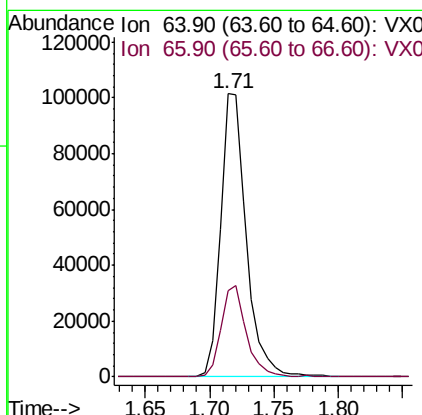
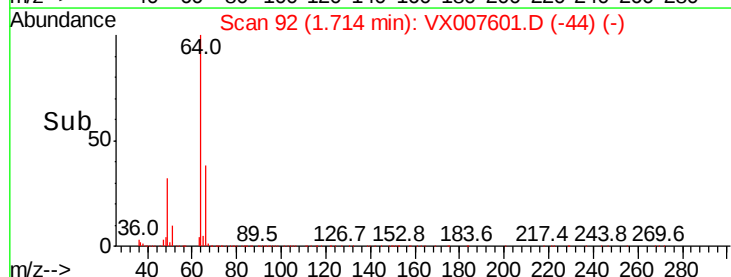
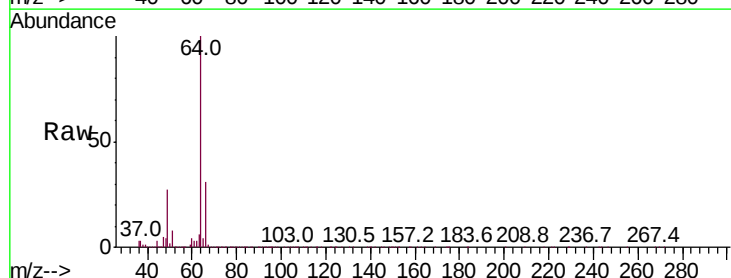
Acq: 19 Feb 2019 09:36

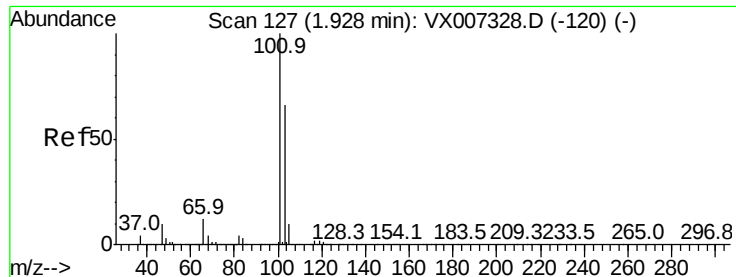
Tgt Ion: 64 Resp: 142062

Ion Ratio Lower Upper

64 100

66 30.7 25.5 38.3



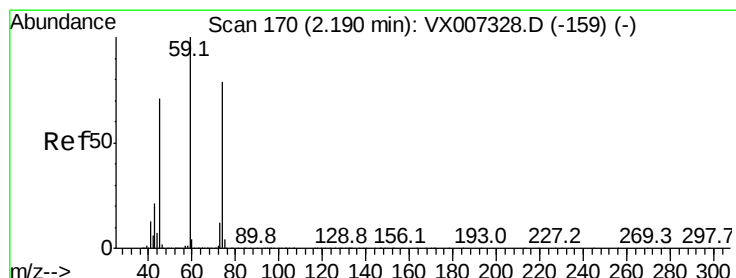
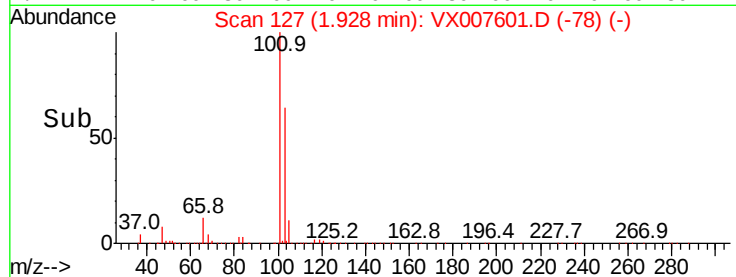
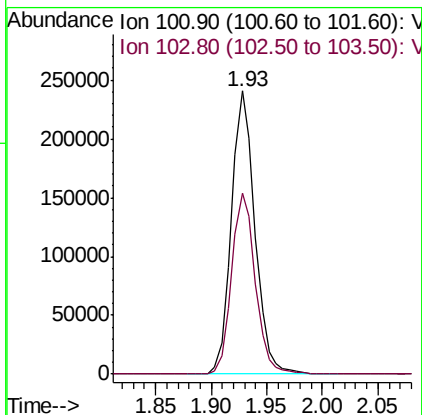
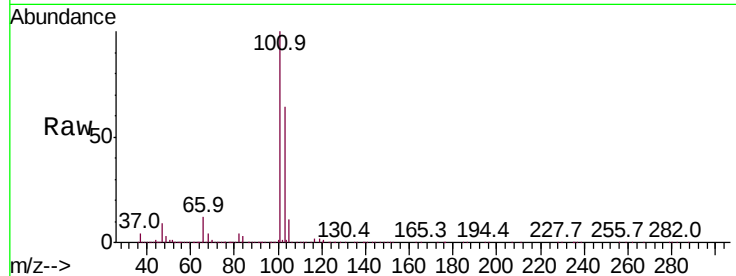


#7

Trichlorofluoromethane
 Concen: 47.672 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX007601.D
 Acq: 19 Feb 2019 09:36

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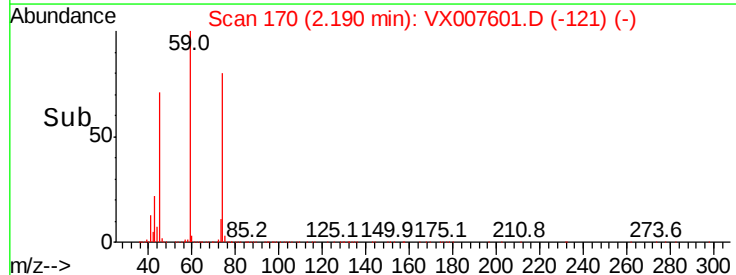
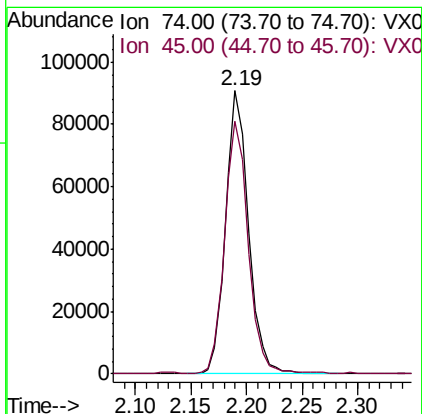
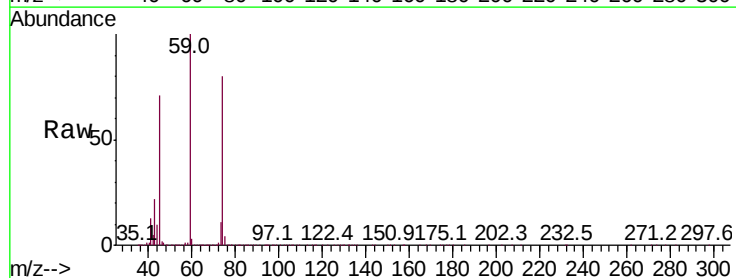
Tot Ion:101 Resp: 352873
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.6 79.0

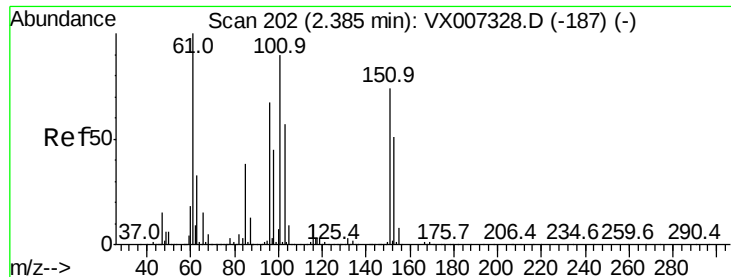


#8

Diethyl Ether
 Concen: 46.619 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007601.D
 Acq: 19 Feb 2019 09:36

Tgt Ion: 74 Resp: 129883
 Ion Ratio Lower Upper
 74 100
 45 92.3 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.338 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

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VSTDCCC050

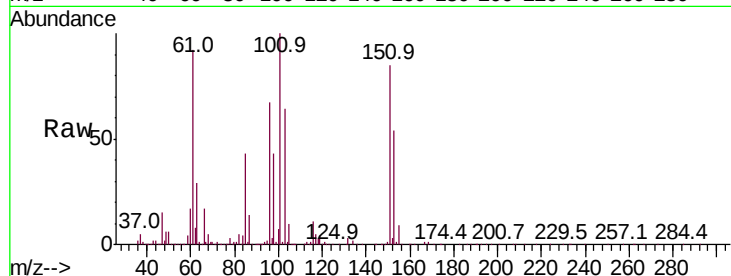
Tot Ion:101 Resp: 208427

Ion Ratio Lower Upper

101 100

85 42.7 34.1 51.1

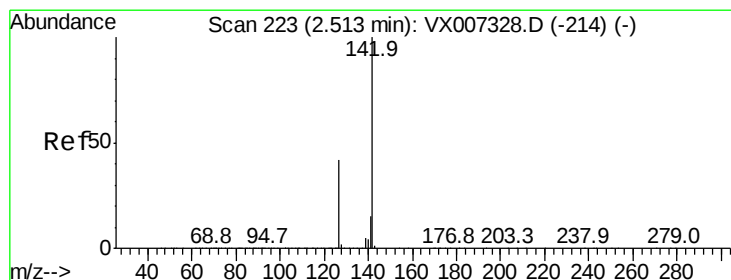
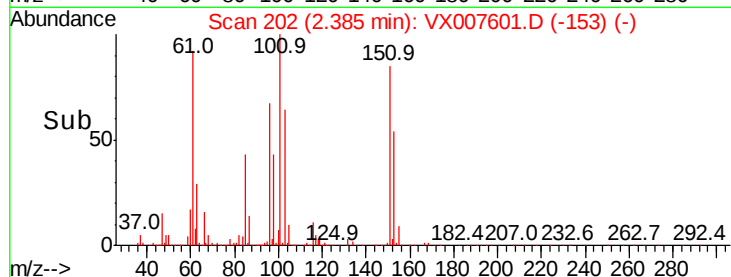
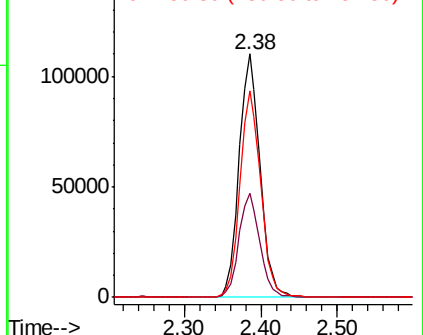
151 84.3 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

150000 Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.956 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

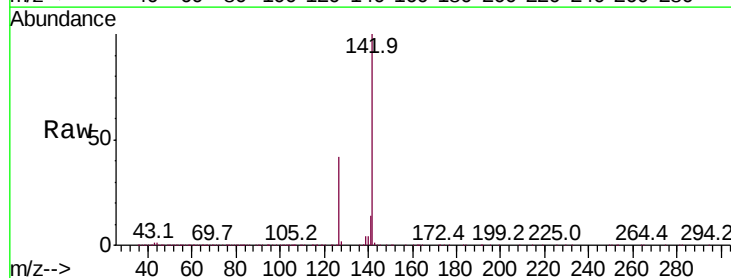
Tgt Ion:142 Resp: 278226

Ion Ratio Lower Upper

142 100

127 42.0 33.7 50.5

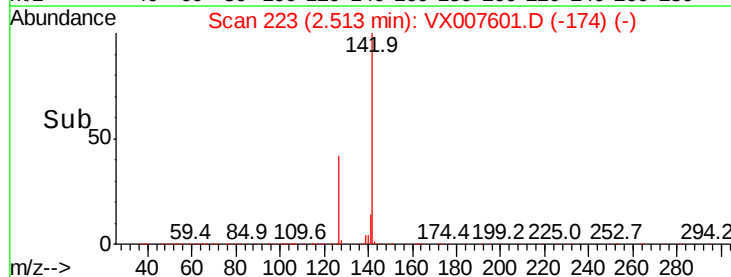
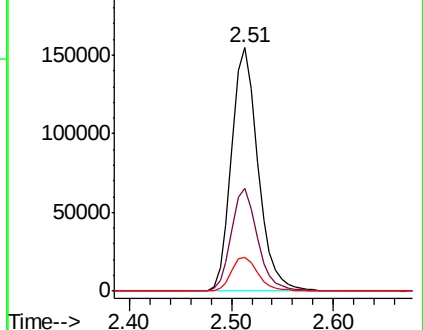
141 14.1 11.3 16.9

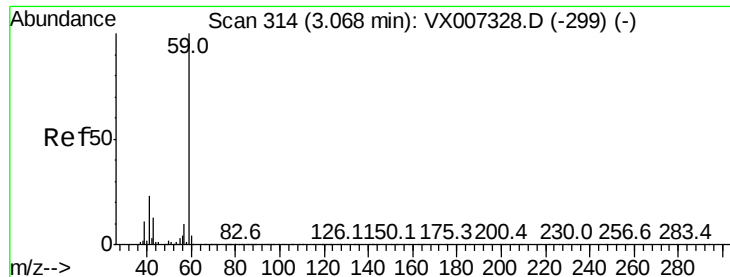


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



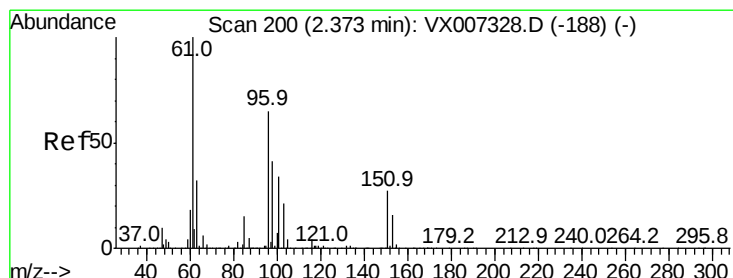
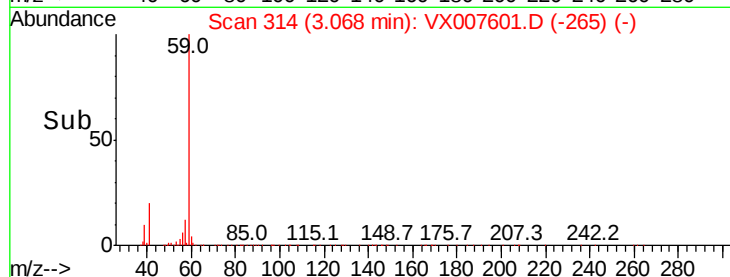
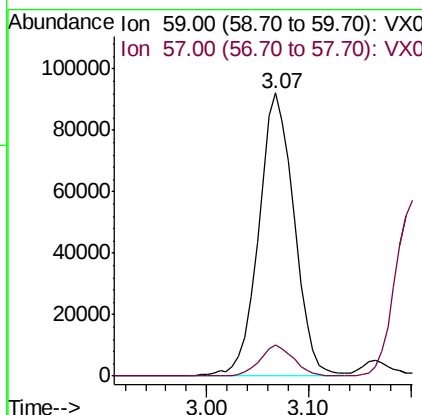
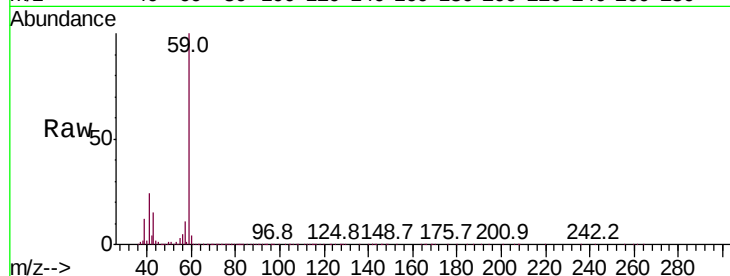


#11

Tert butyl alcohol
 Concen: 235.524 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.00 min
 Lab File: VX007601.D
 Acq: 19 Feb 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

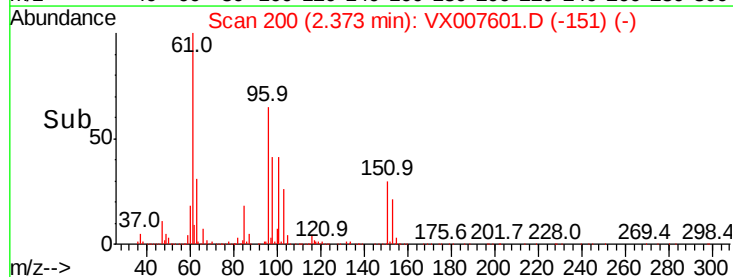
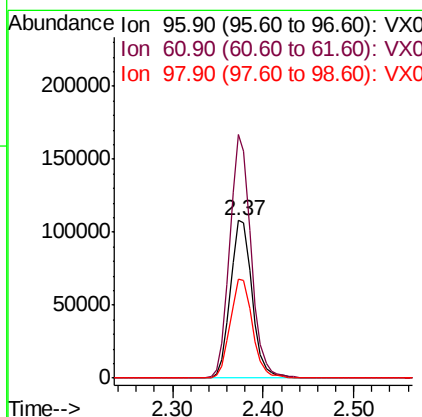
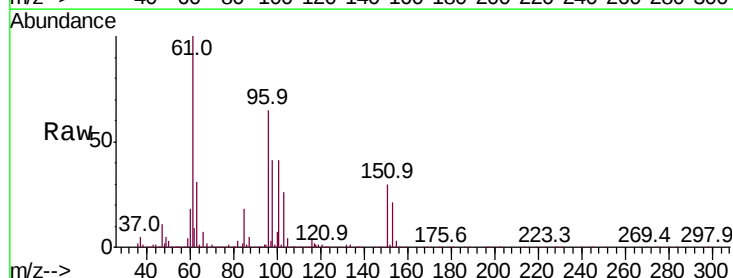
Tot Ion: 59 Resp: 221540
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.1 12.1

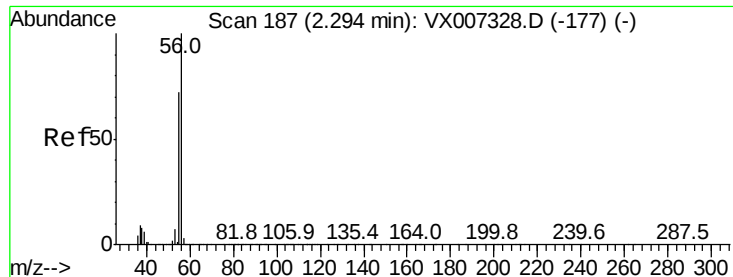


#12

1,1-Dichloroethene
 Concen: 44.263 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX007601.D
 Acq: 19 Feb 2019 09:36

Tgt Ion: 96 Resp: 180974
 Ion Ratio Lower Upper
 96 100
 61 154.4 123.0 184.4
 98 62.6 50.9 76.3





#13

Acrolein

Concen: 267.962 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

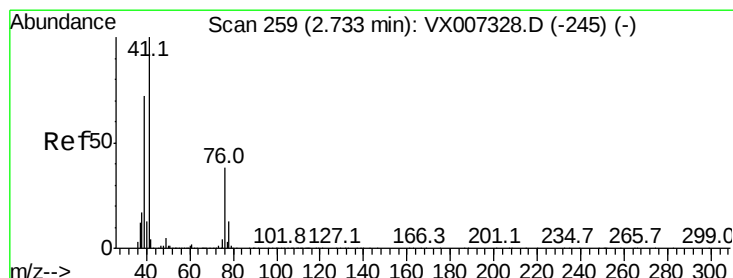
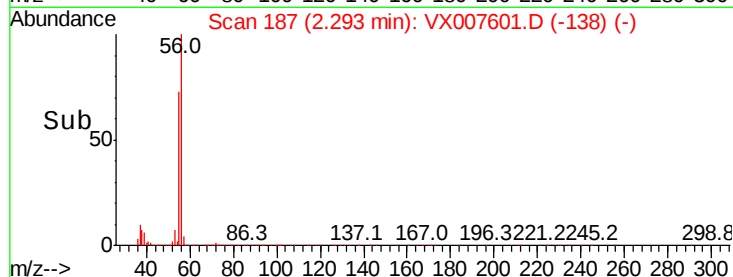
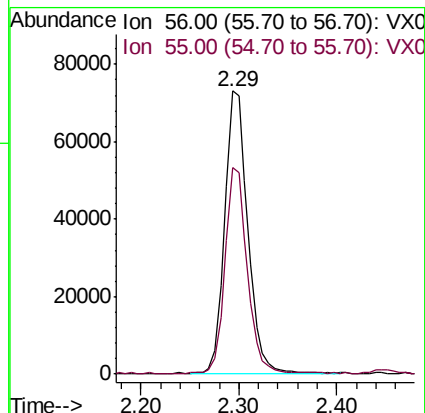
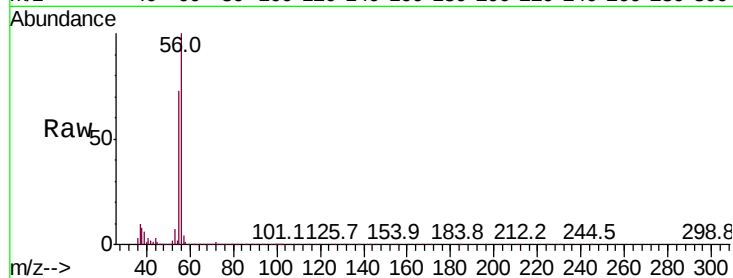
VSTDCCC050

Tot Ion: 56 Resp: 118194

Ion Ratio Lower Upper

56 100

55 71.7 56.9 85.3



#14

Allyl chloride

Concen: 45.708 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

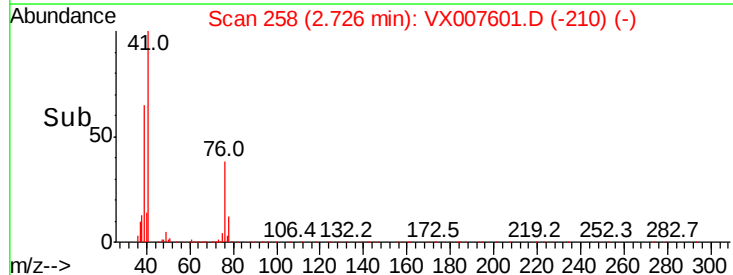
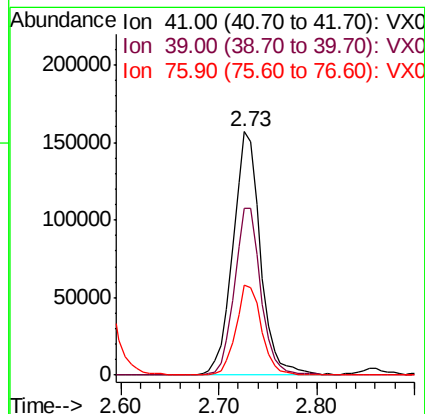
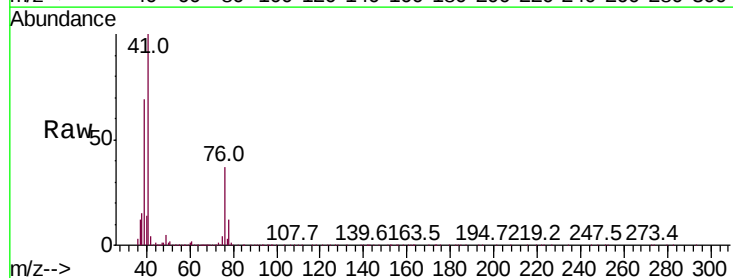
Tgt Ion: 41 Resp: 304500

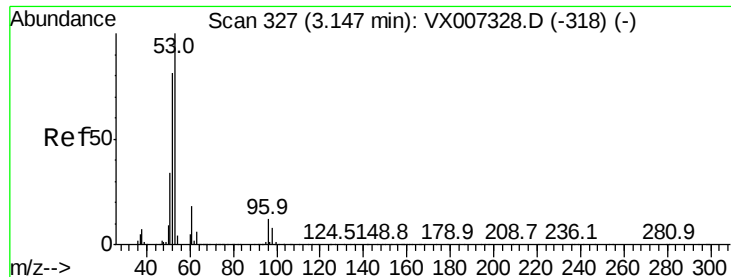
Ion Ratio Lower Upper

41 100

39 65.7 54.1 81.1

76 34.6 27.8 41.8





#15

Acrylonitrile

Concen: 233.977 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

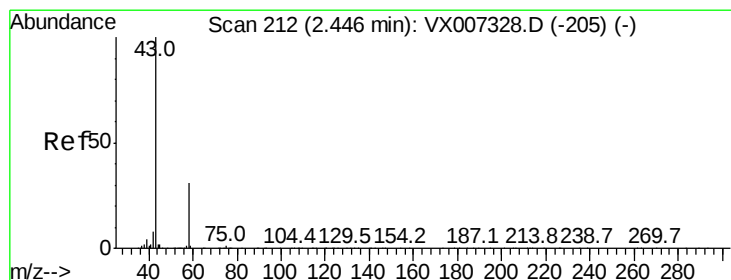
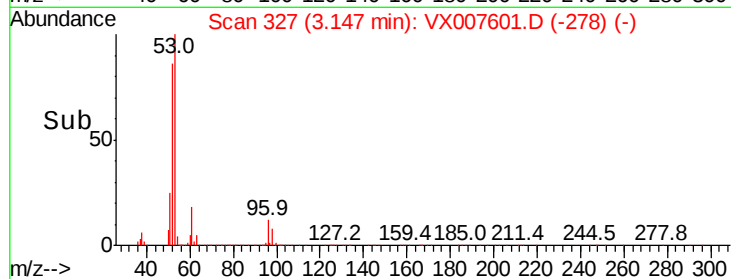
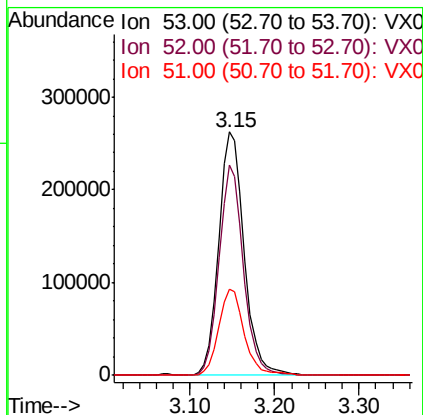
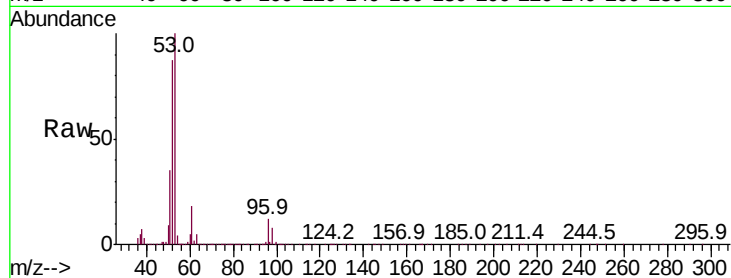
Tot Ion: 53 Resp: 544445

Ion Ratio Lower Upper

53 100

52 82.7 66.4 99.6

51 35.6 28.4 42.6



#16

Acetone

Concen: 282.755 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007601.D

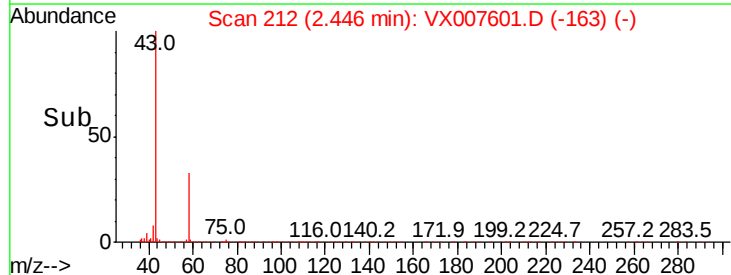
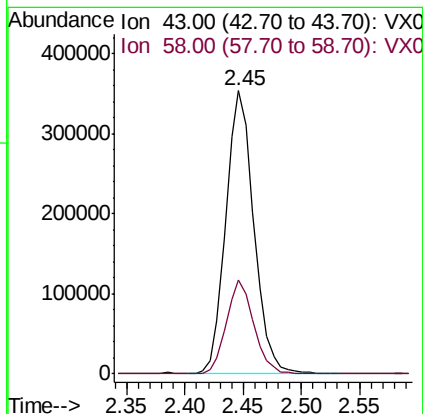
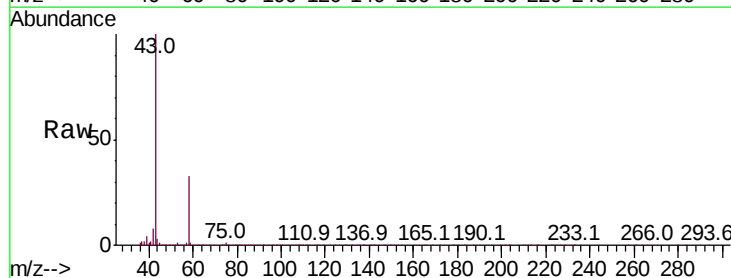
Acq: 19 Feb 2019 09:36

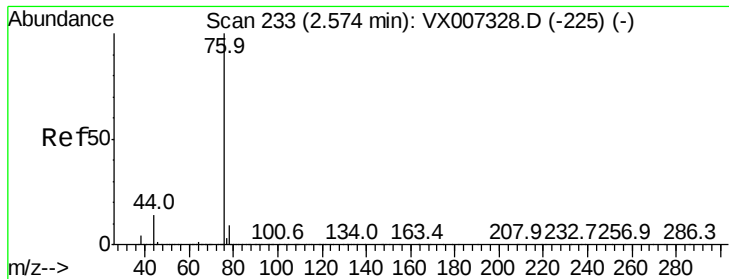
Tgt Ion: 43 Resp: 588702

Ion Ratio Lower Upper

43 100

58 33.2 24.9 37.3

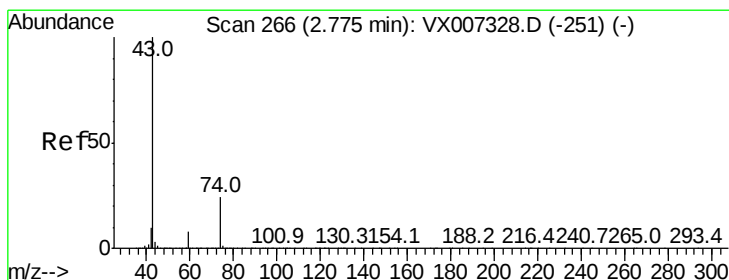
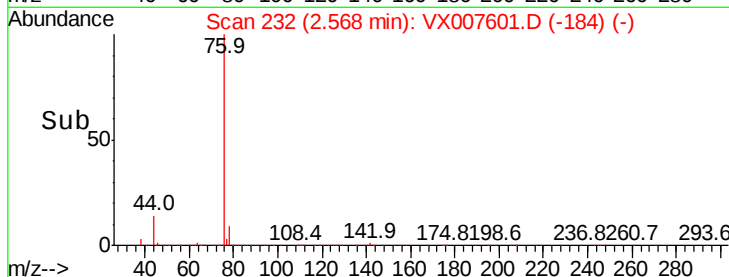
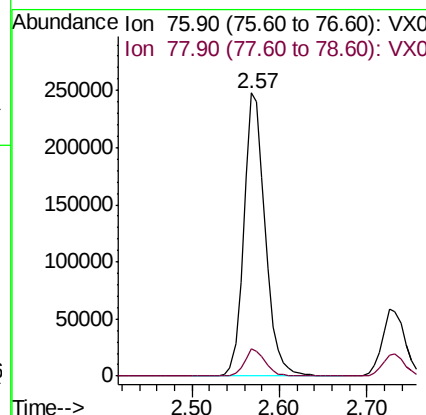
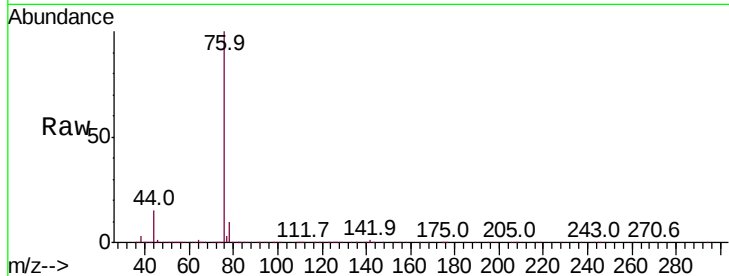




#17
Carbon Disulfide
Concen: 39.738 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

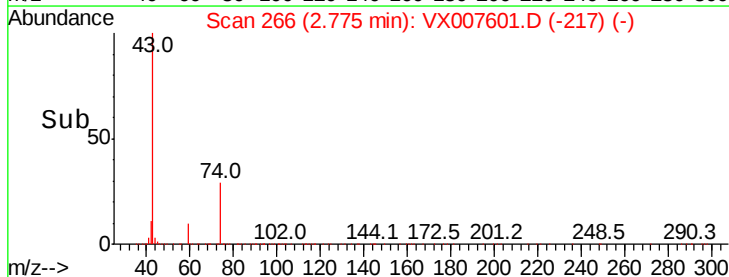
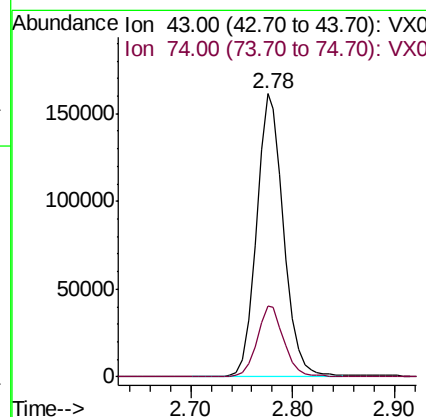
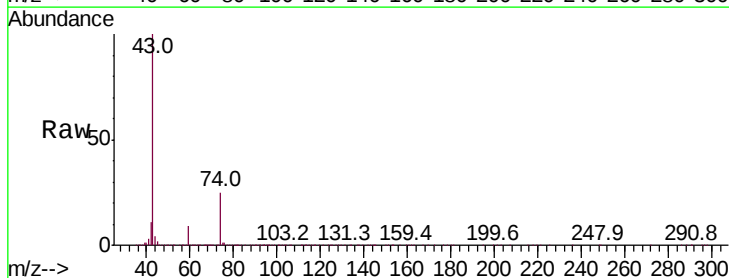
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

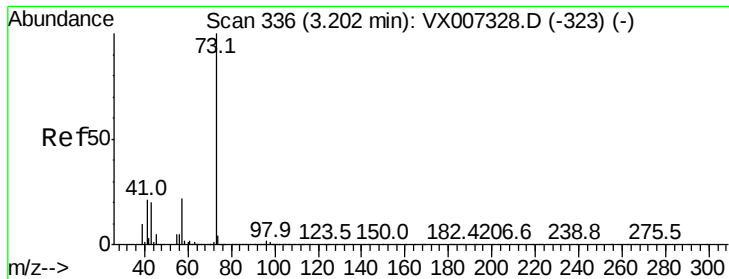
Tot Ion: 76 Resp: 419990
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 54.531 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion: 43 Resp: 296110
Ion Ratio Lower Upper
43 100
74 25.4 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 46.840 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

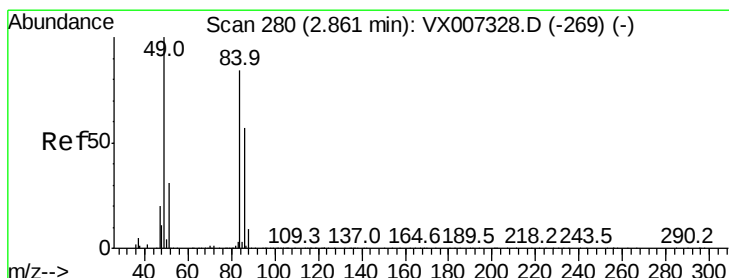
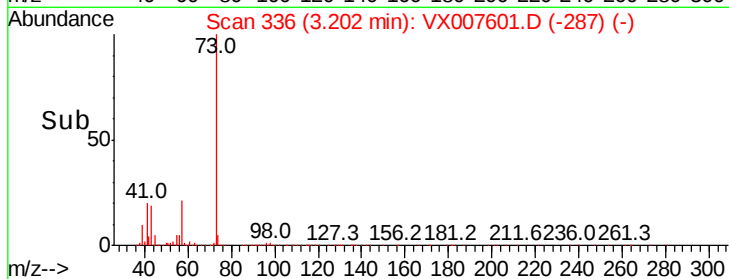
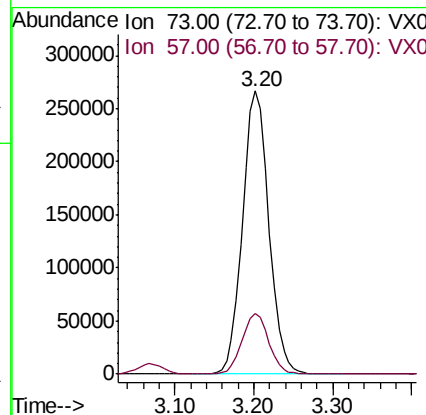
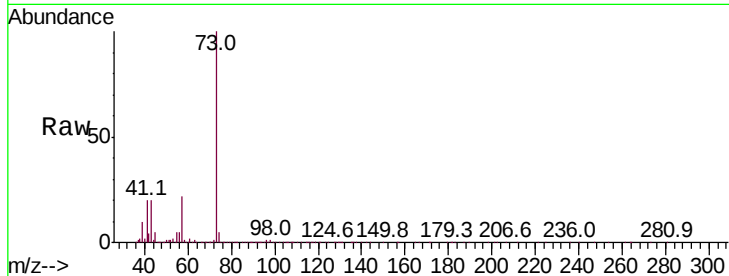
Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 620440

Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.8	26.8



#20

Methylene Chloride

Concen: 48.265 ug/l

RT: 2.86 min Scan# 280

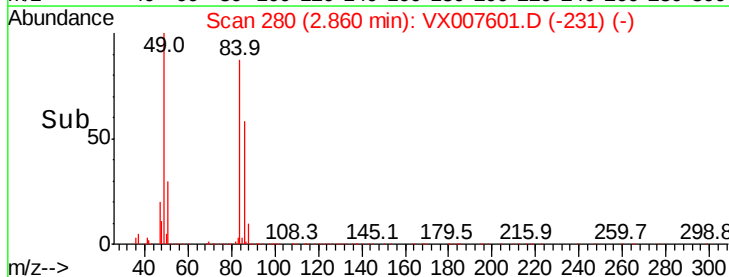
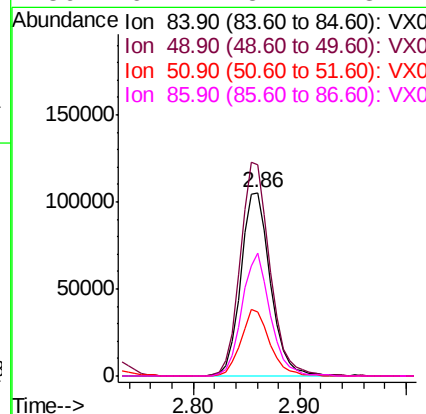
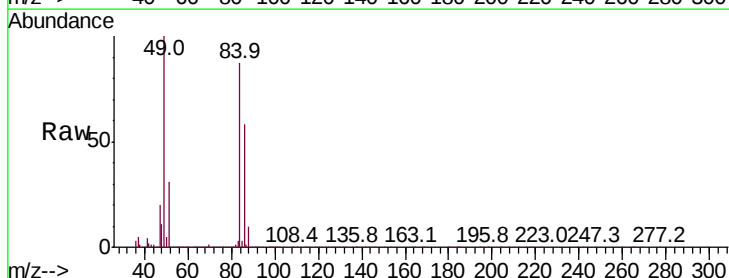
Delta R.T. 0.00 min

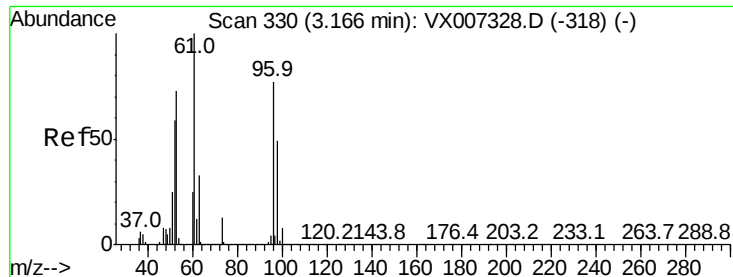
Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Tgt Ion: 84 Resp: 205314

Ion	Ratio	Lower	Upper
84	100		
49	115.1	94.8	142.2
51	35.0	29.8	44.8
86	67.2	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 43.001 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

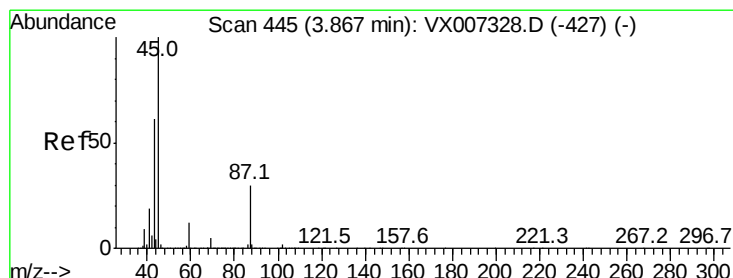
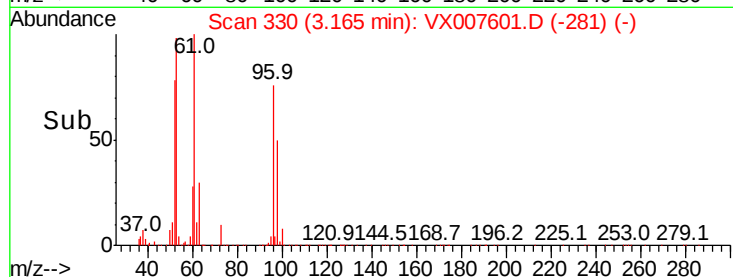
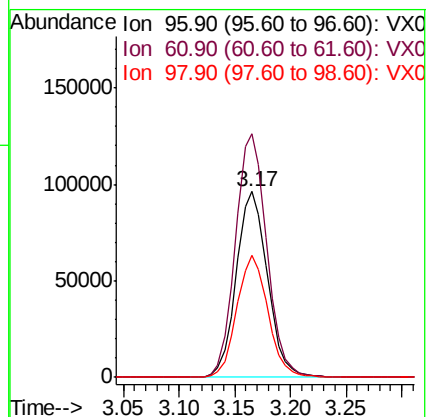
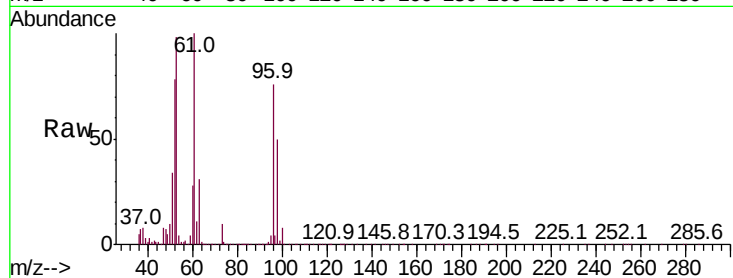
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 187287

Ion	Ratio	Lower	Upper
96	100		
61	131.1	104.6	156.8
98	65.5	51.0	76.4



#22

Diisopropyl ether

Concen: 52.816 ug/l

RT: 3.87 min Scan# 445

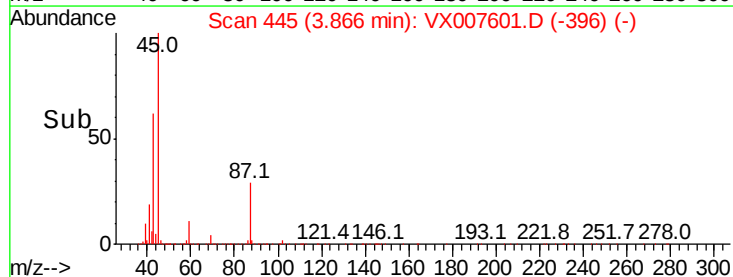
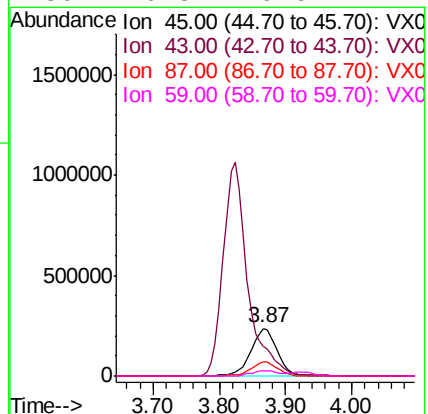
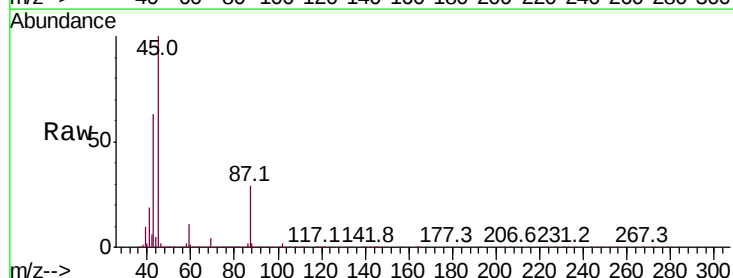
Delta R.T. -0.00 min

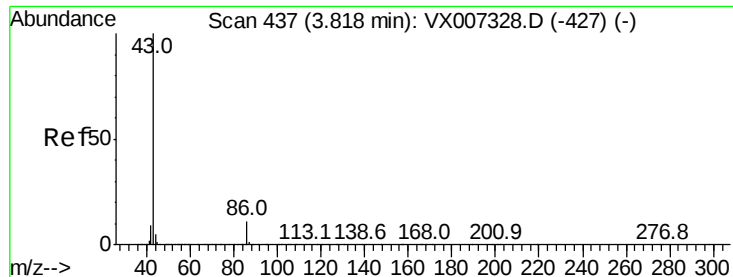
Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Tgt Ion: 45 Resp: 647208

Ion	Ratio	Lower	Upper
45	100		
43	62.6	48.9	73.3
87	28.5	23.9	35.9
59	10.8	9.6	14.4





#23

Vinyl Acetate

Concen: 271.418 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

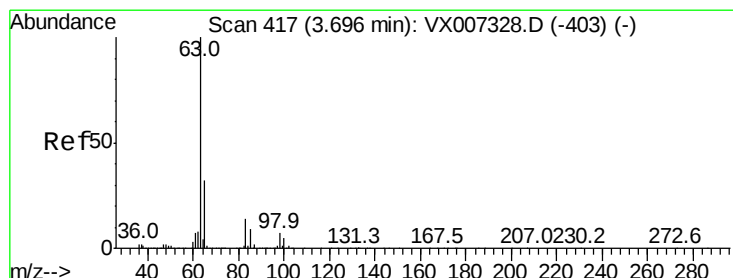
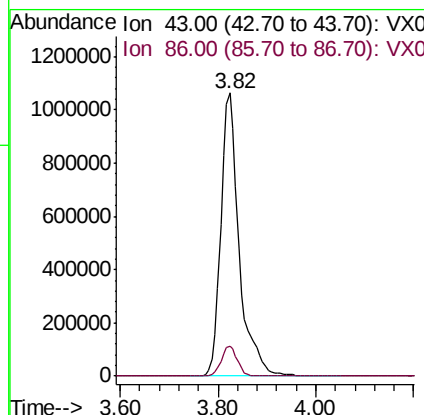
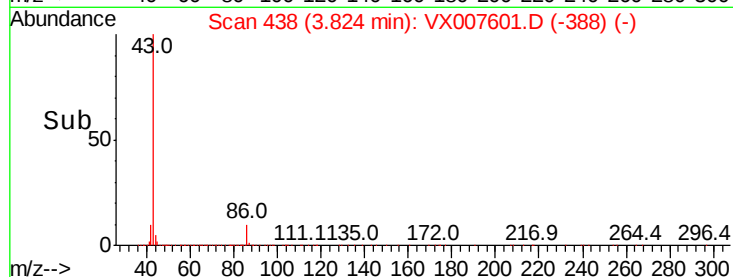
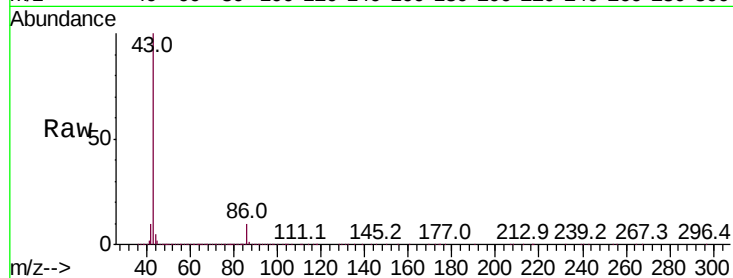
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2759966

Ion Ratio Lower Upper

43 100

86 10.5 8.7 13.1



#24

1,1-Dichloroethane

Concen: 51.813 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

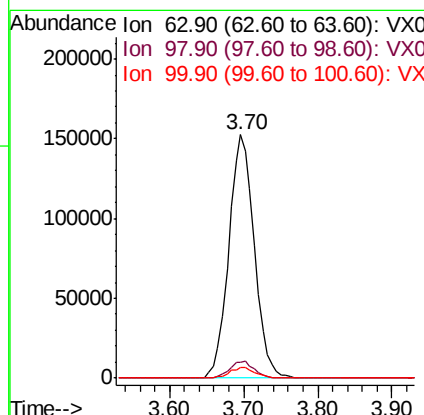
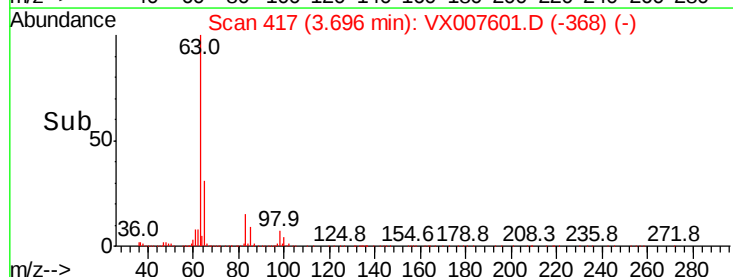
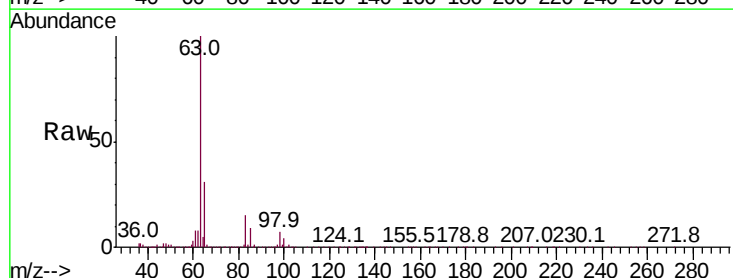
Tgt Ion: 63 Resp: 364620

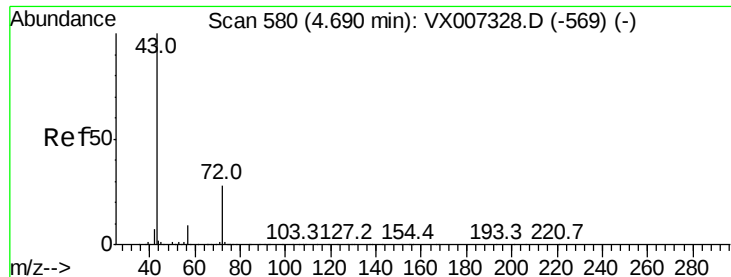
Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 4.2 2.5 7.4





#25

2-Butanone

Concen: 286.031 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

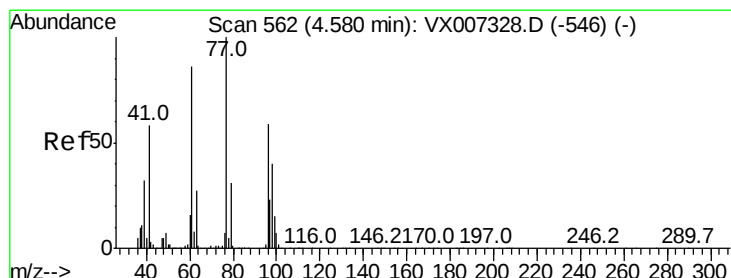
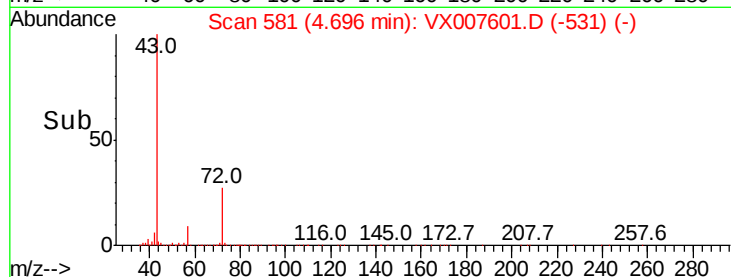
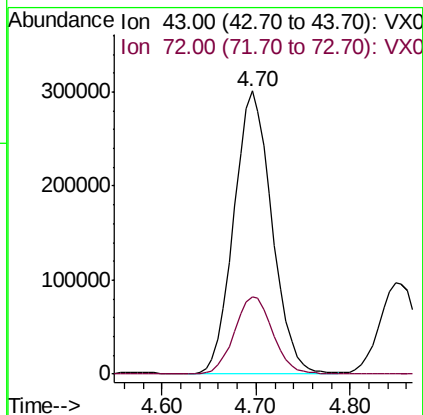
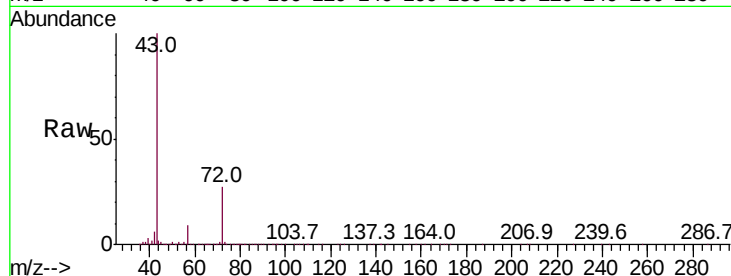
VSTDCCC050

Tot Ion: 43 Resp: 847500

Ion Ratio Lower Upper

43 100

72 27.0 22.2 33.2



#26

2,2-Dichloropropane

Concen: 53.679 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX007601.D

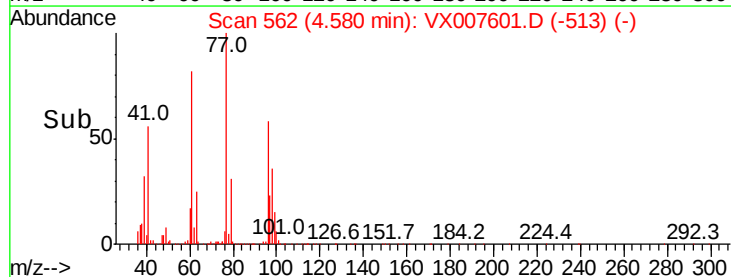
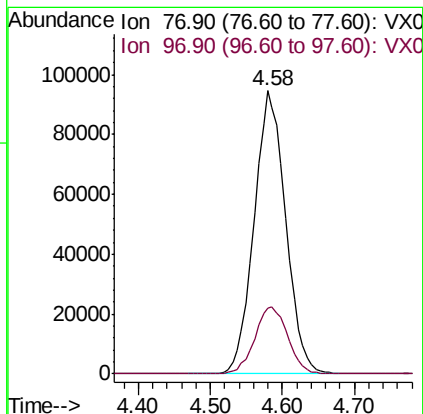
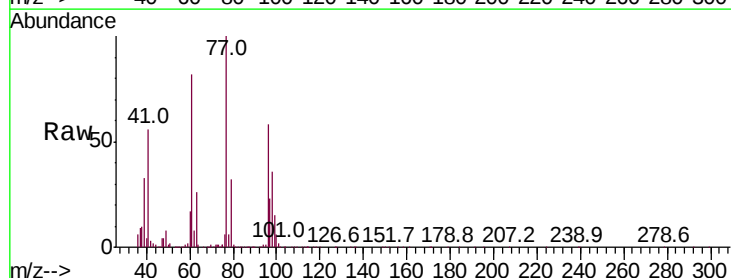
Acq: 19 Feb 2019 09:36

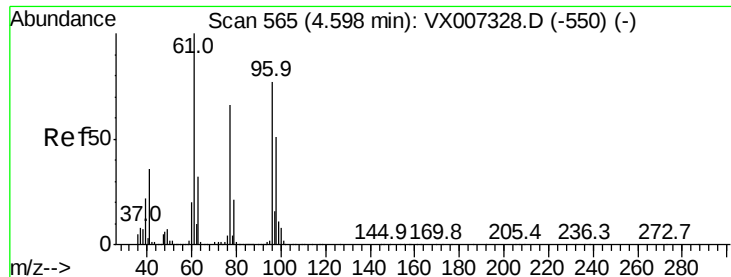
Tgt Ion: 77 Resp: 287678

Ion Ratio Lower Upper

77 100

97 24.6 12.1 36.3



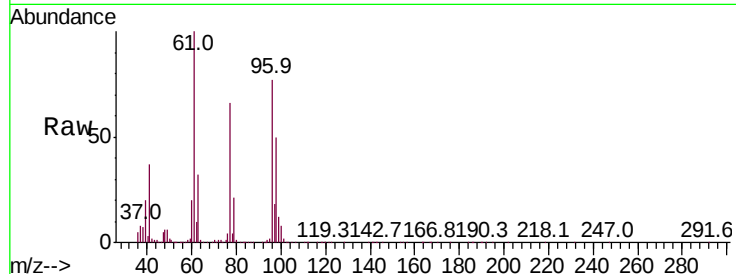


#27

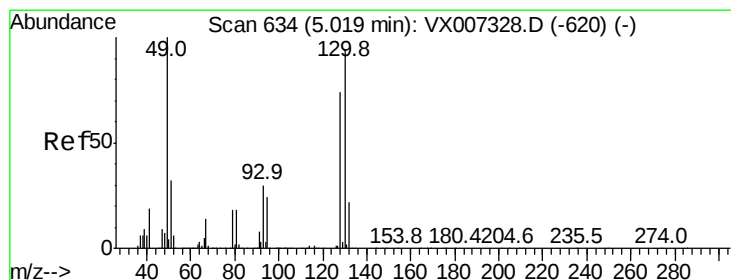
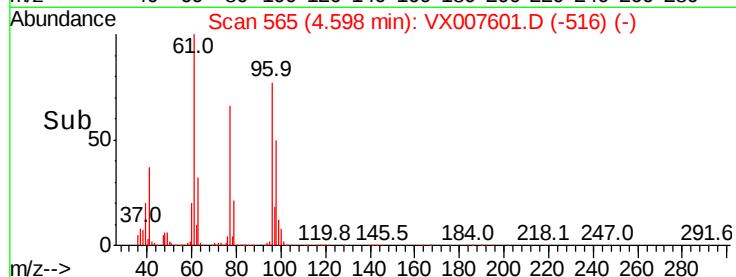
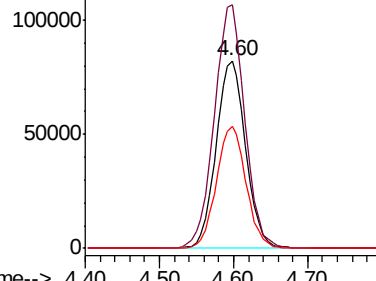
cis-1,2-Dichloroethene
Concen: 48.192 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.8	0.0	265.6
98	65.2	0.0	131.6



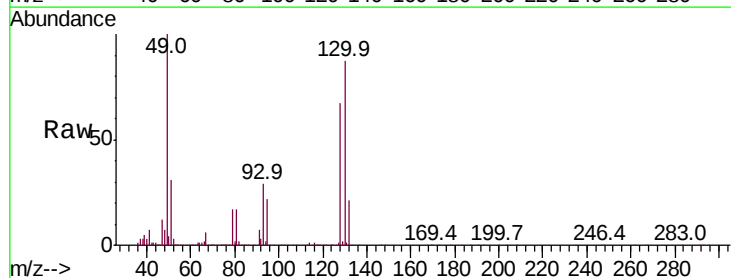
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



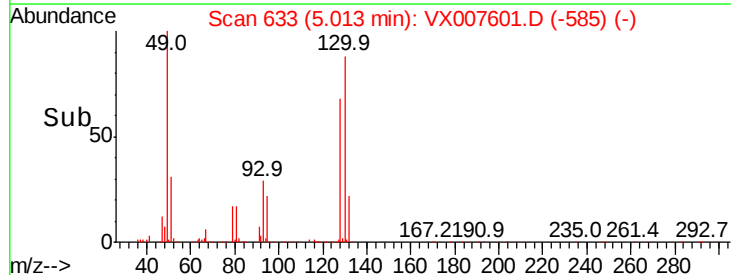
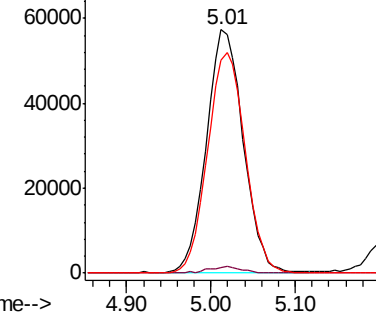
#28

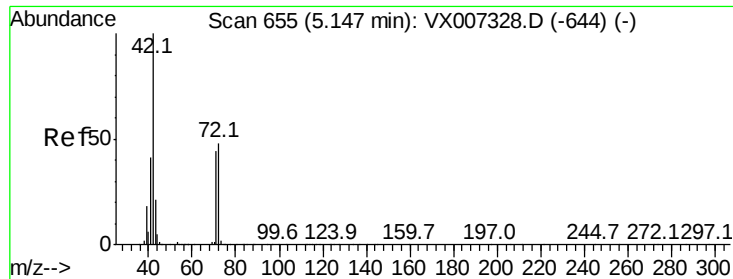
Bromochloromethane
Concen: 52.210 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.6
130	92.9	75.6	113.4



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: 266.779 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

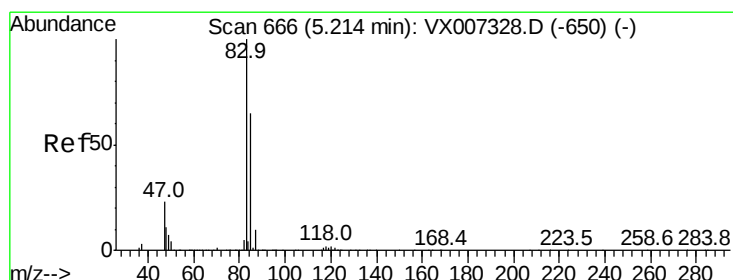
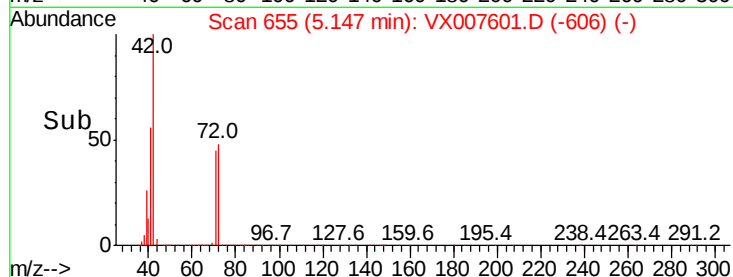
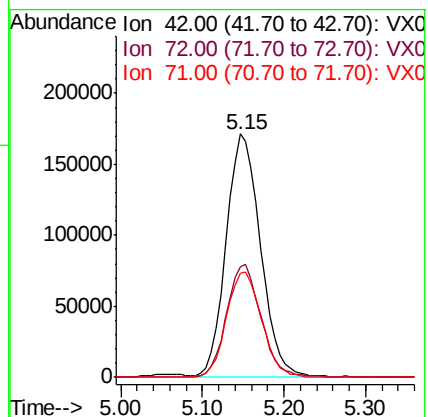
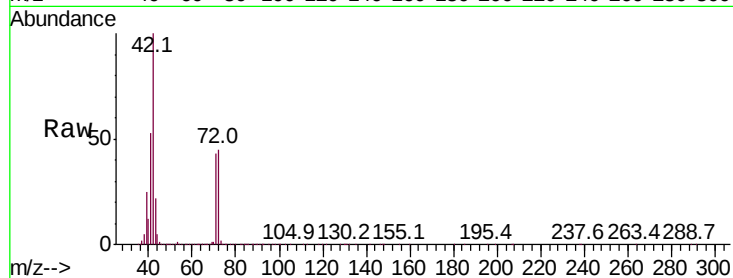
Tot Ion: 42 Resp: 497144

Ion Ratio Lower Upper

42 100

72 46.7 37.6 56.4

71 44.2 34.6 51.8



#30

Chloroform

Concen: 51.790 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007601.D

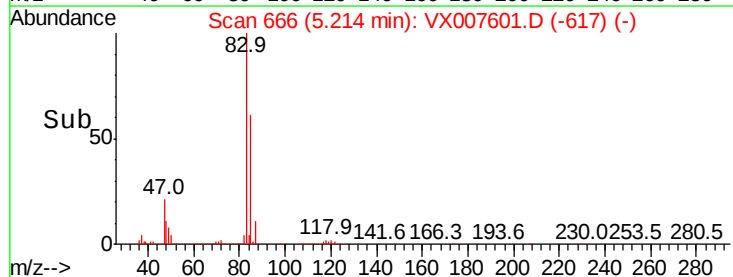
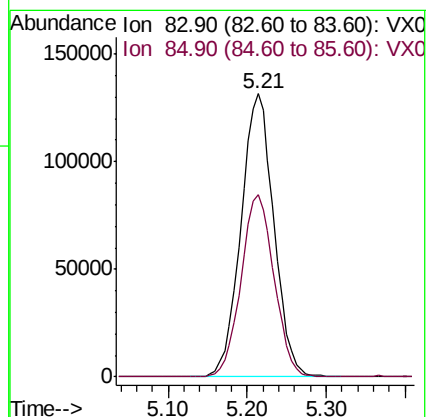
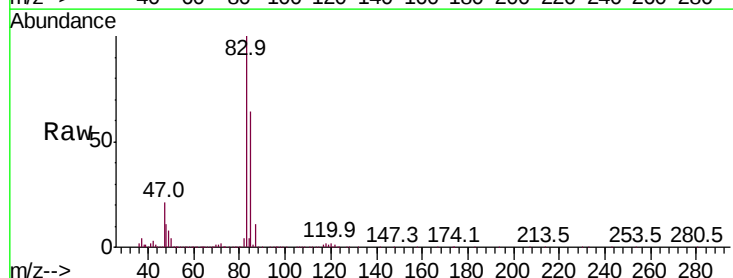
Acq: 19 Feb 2019 09:36

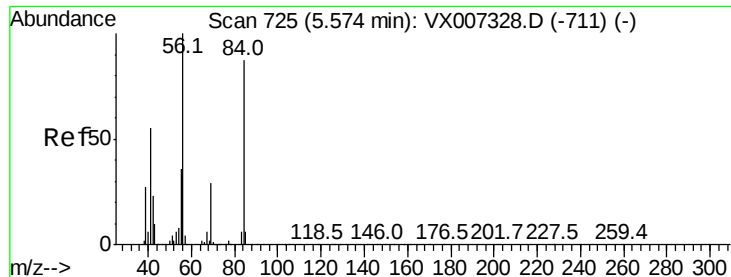
Tgt Ion: 83 Resp: 380309

Ion Ratio Lower Upper

83 100

85 64.4 51.6 77.4





#31

Cyclohexane

Concen: 47.232 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

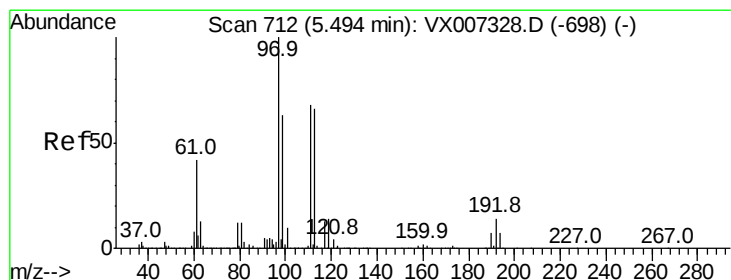
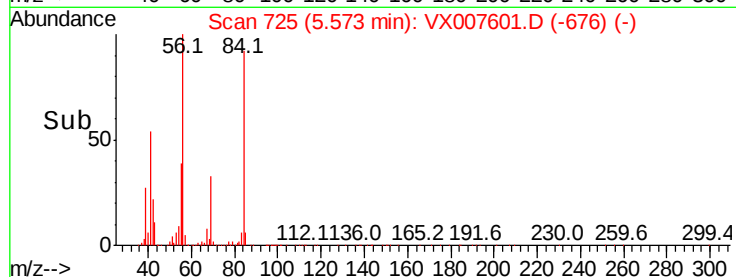
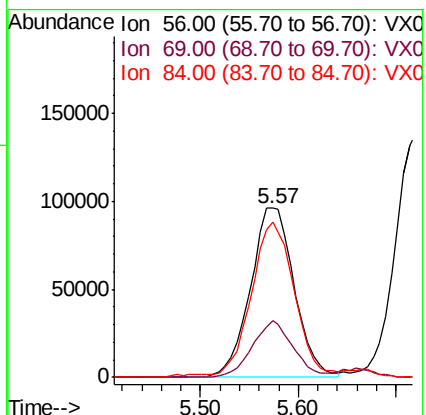
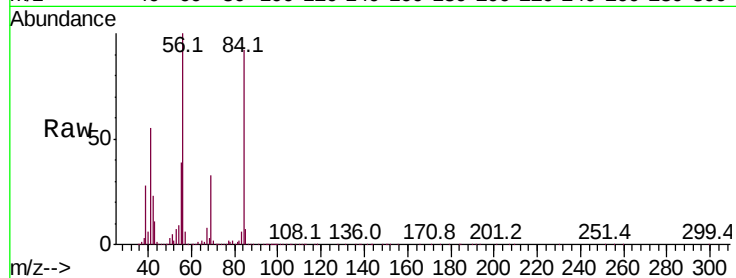
Tot Ion: 56 Resp: 298523

Ion Ratio Lower Upper

56 100

69 33.2 23.0 34.6

84 90.2 69.8 104.6



#32

1,1,1-Trichloroethane

Concen: 53.012 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

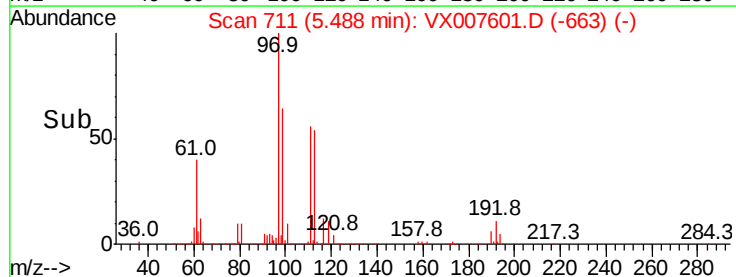
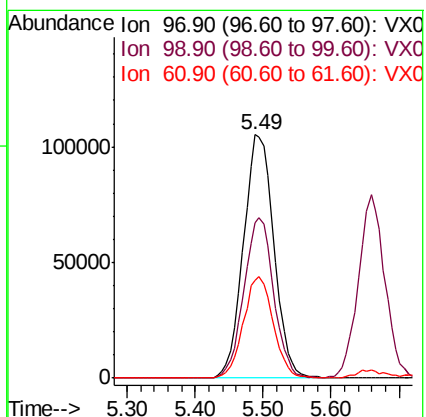
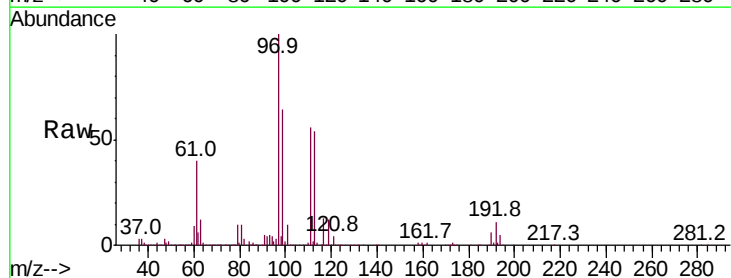
Tgt Ion: 97 Resp: 328594

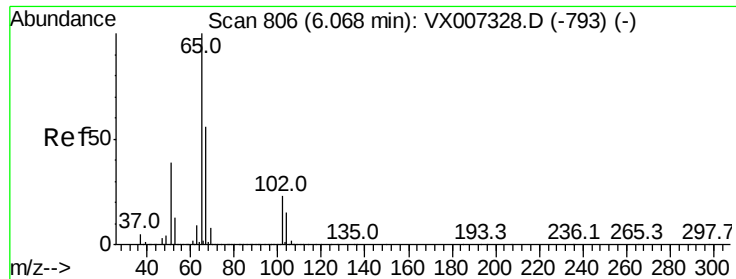
Ion Ratio Lower Upper

97 100

99 64.3 52.2 78.2

61 41.1 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 47.859 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

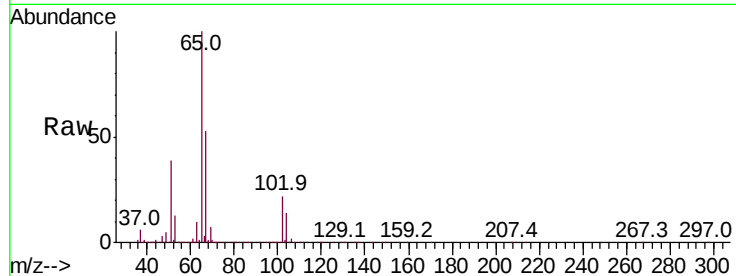
VSTDCCC050

Tot Ion: 65 Resp: 217526

Ion Ratio Lower Upper

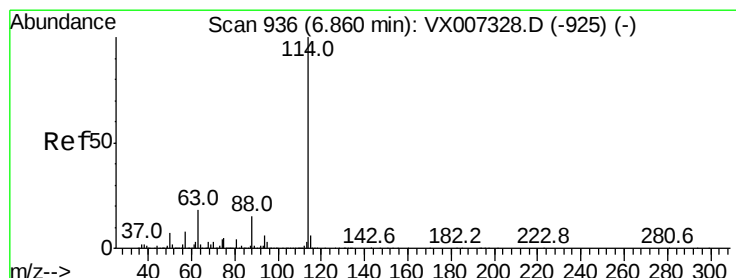
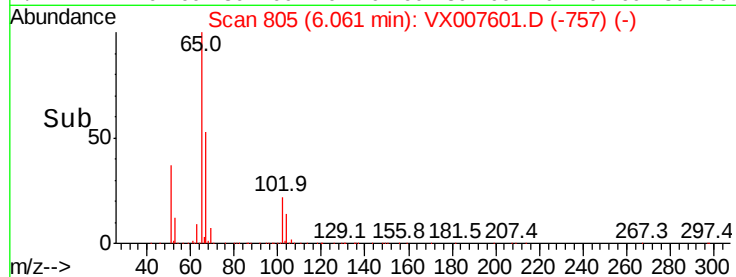
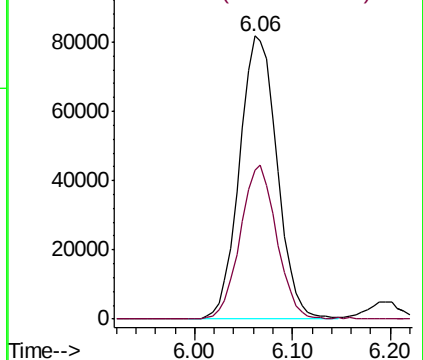
65 100

67 52.4 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

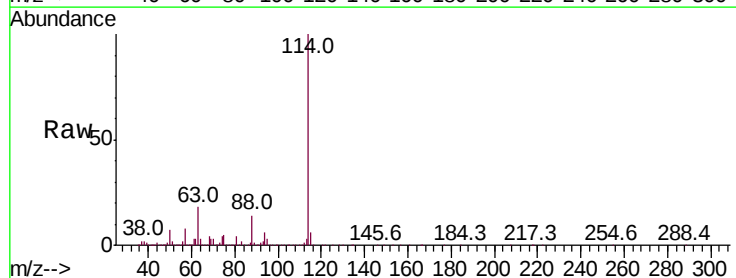
Tgt Ion: 114 Resp: 615089

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

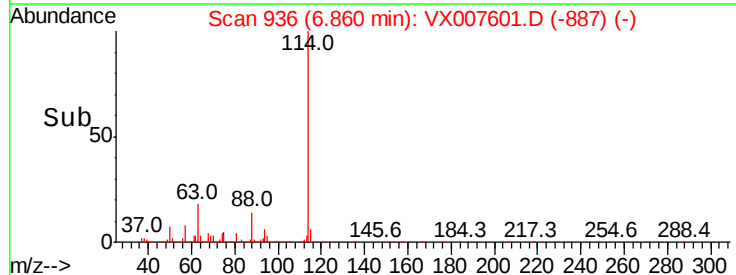
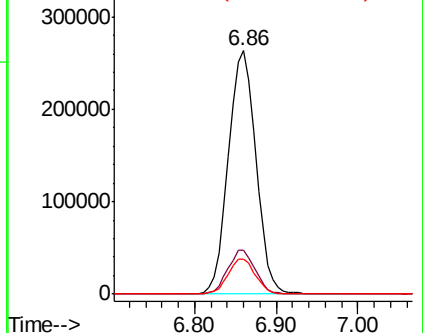
88 14.3 0.0 29.6

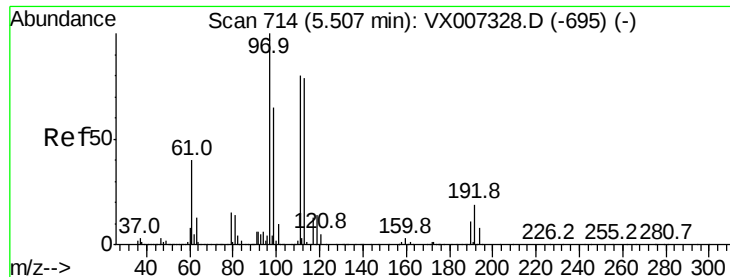


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.498 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

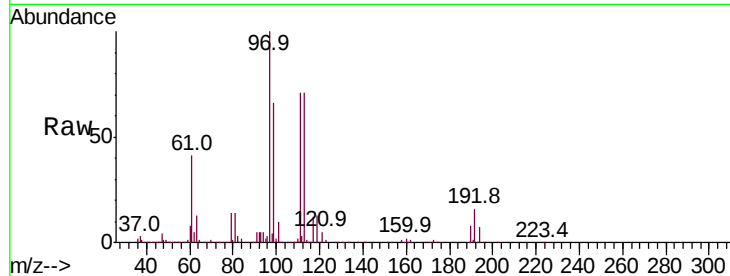
Tot Ion:113 Resp: 202103

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

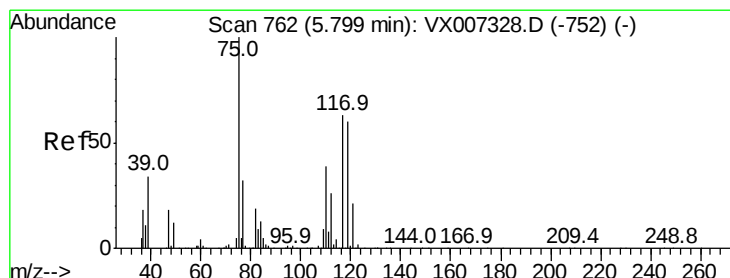
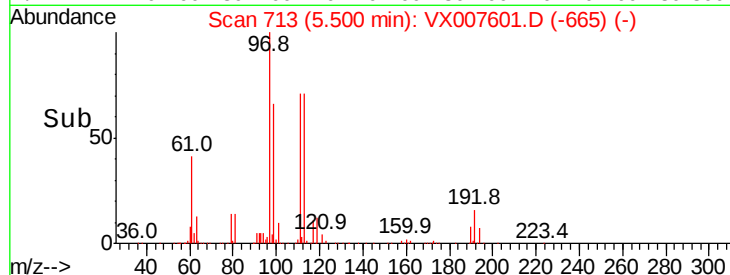
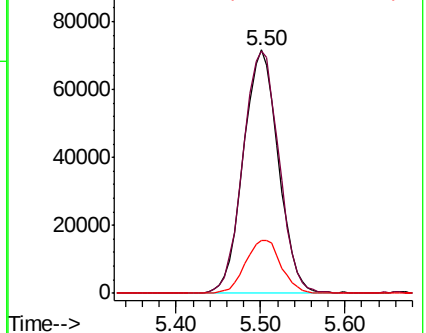
192 22.3 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.381 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

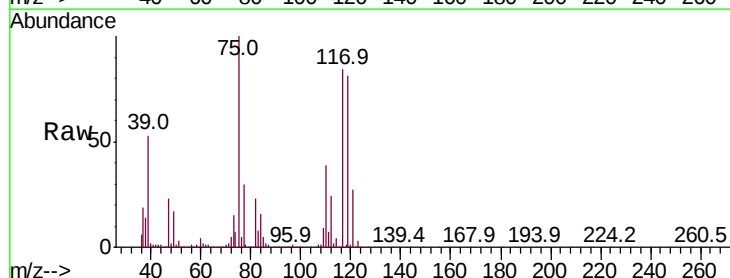
Tgt Ion: 75 Resp: 267007

Ion Ratio Lower Upper

75 100

110 39.8 20.0 59.9

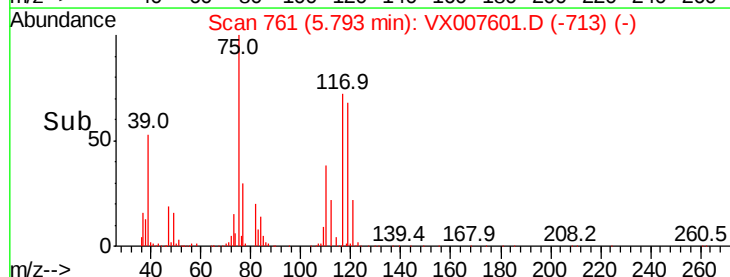
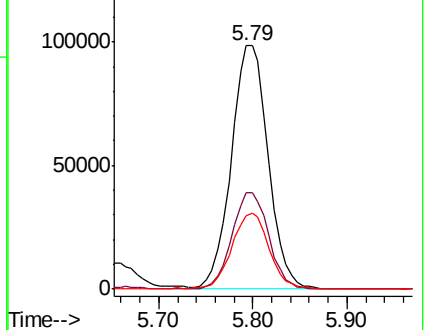
77 31.4 24.7 37.1

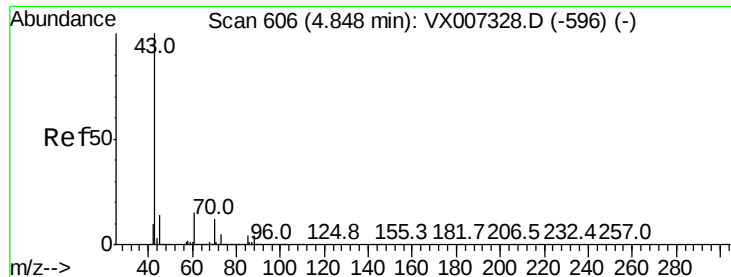


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

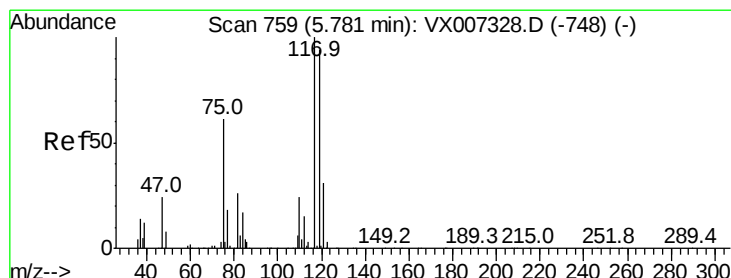
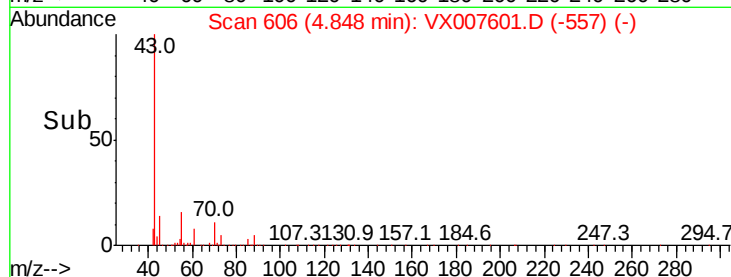
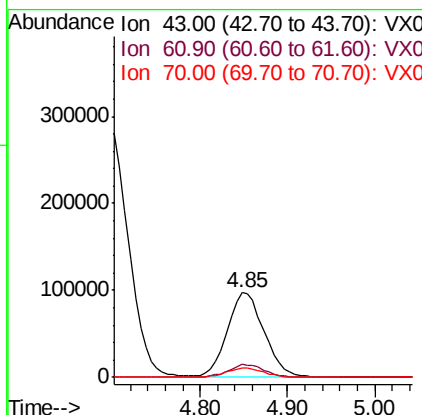
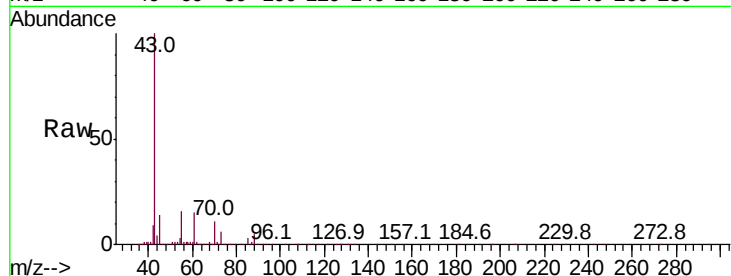




#37
Ethyl Acetate
Concen: 50.943 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

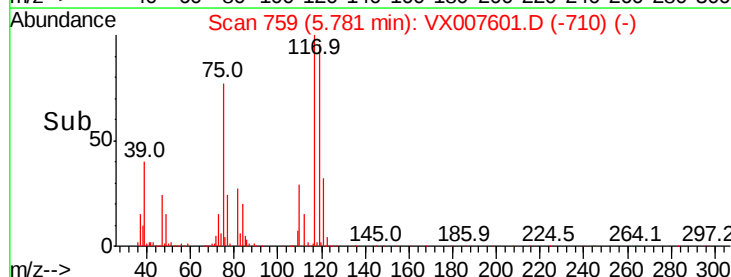
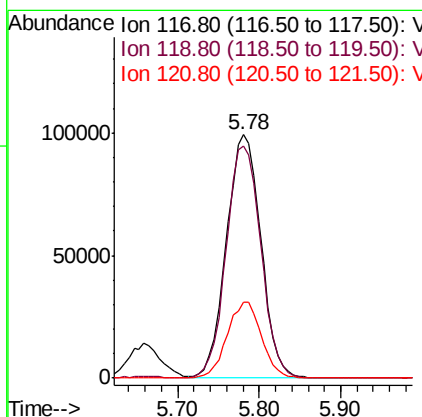
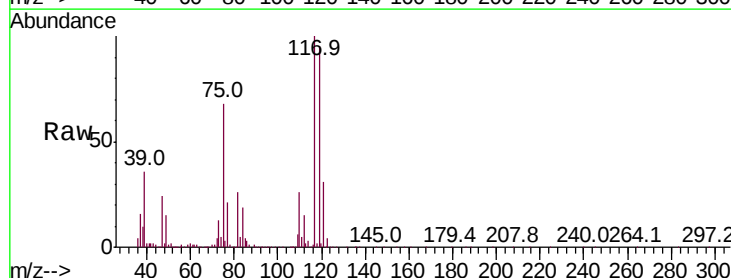
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

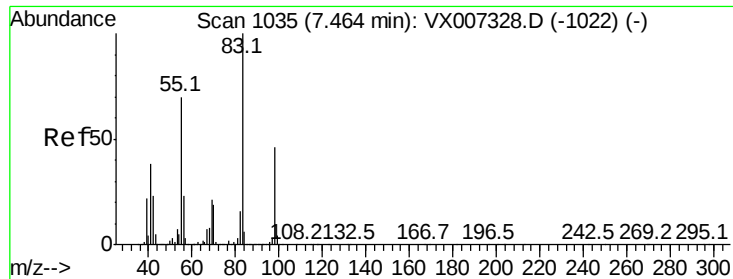
Tot Ion: 43 Resp: 284205
Ion Ratio Lower Upper
43 100
61 14.3 11.3 16.9
70 11.0 8.6 13.0



#38
Carbon Tetrachloride
Concen: 54.281 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion: 117 Resp: 290626
Ion Ratio Lower Upper
117 100
119 95.1 75.3 112.9
121 31.3 25.0 37.4

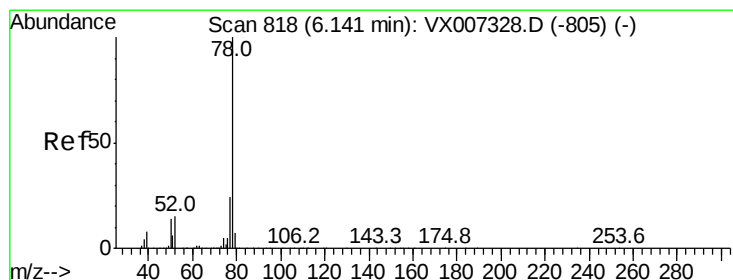
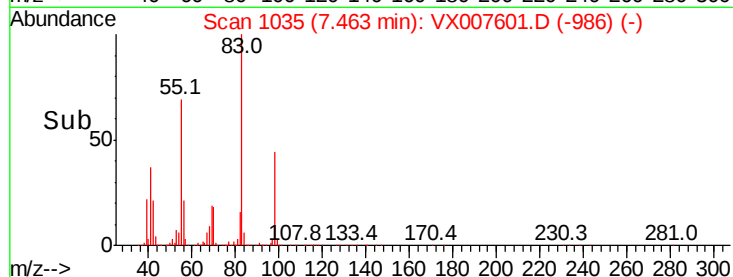
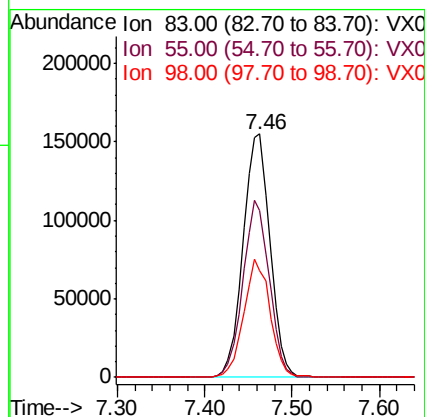
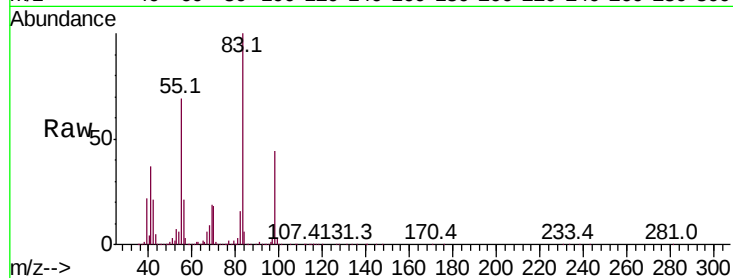




#39
Methvlcvclohexane
Concen: 49.725 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

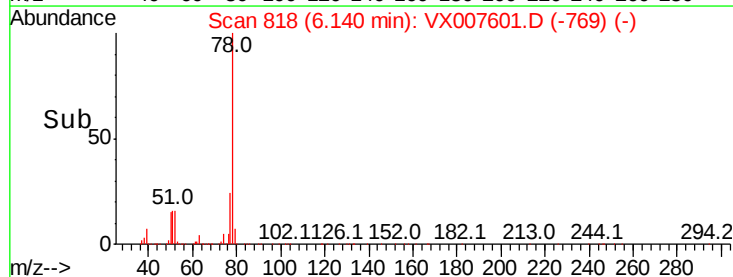
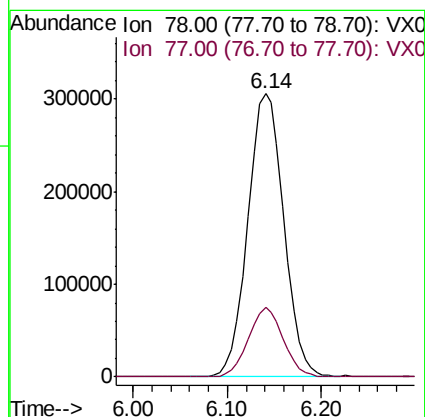
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

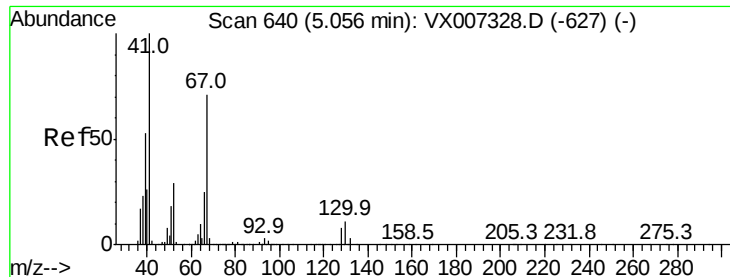
Tot Ion: 83 Resp: 332024
Ion Ratio Lower Upper
83 100
55 68.7 56.2 84.2
98 43.7 36.8 55.2



#40
Benzene
Concen: 50.454 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion: 78 Resp: 820213
Ion Ratio Lower Upper
78 100
77 24.7 19.3 28.9

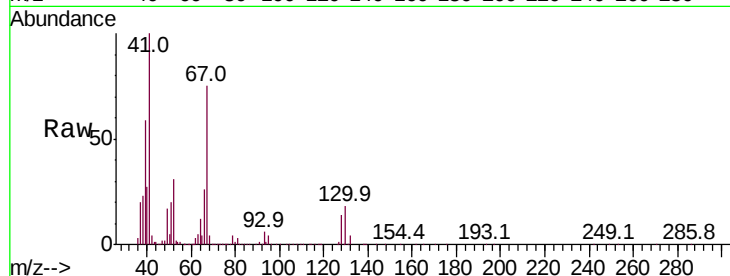




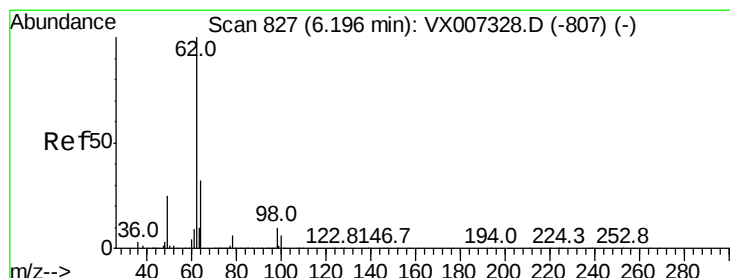
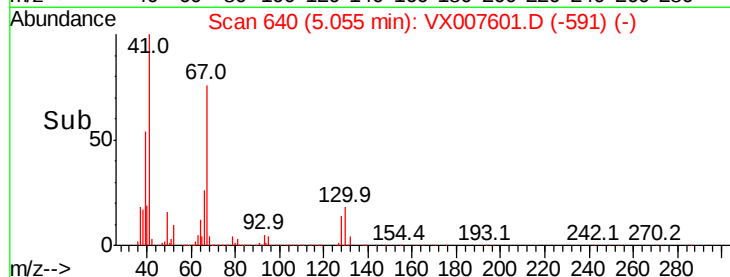
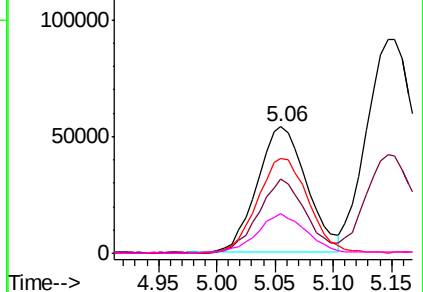
#41
Methacrylonitrile
Concen: 53.578 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	160196
Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.5	66.7
67	77.2	60.4	90.6
52	30.5	24.1	36.1

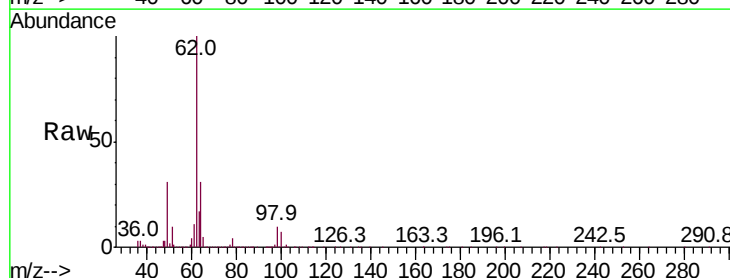


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

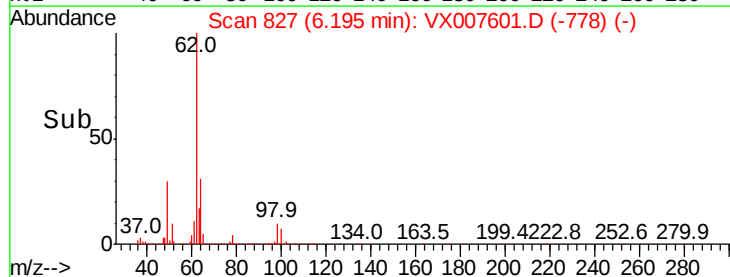
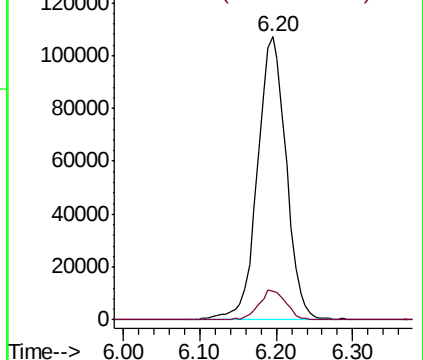


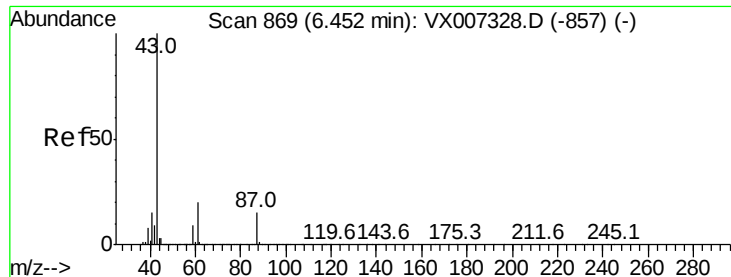
#42
1,2-Dichloroethane
Concen: 49.657 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion:	62	Resp:	279309
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 54.114 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

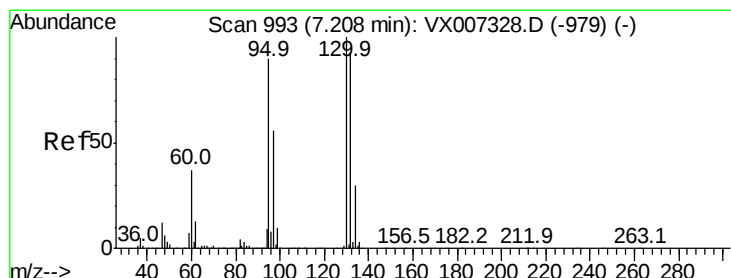
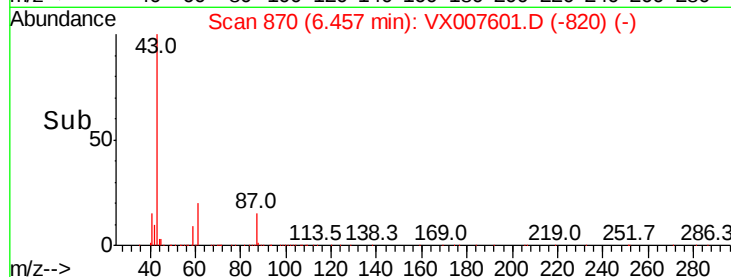
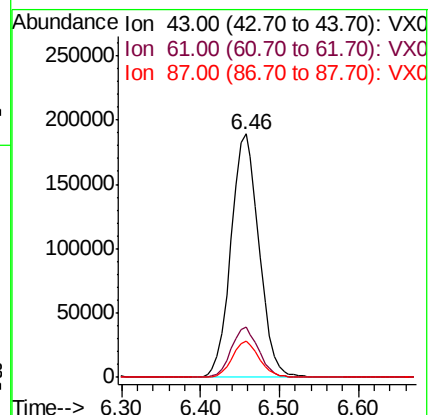
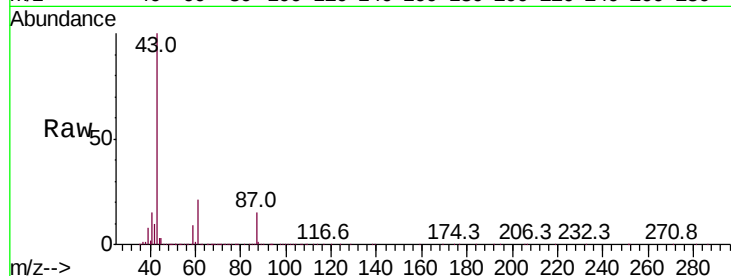
Tot Ion: 43 Resp: 465982

Ion Ratio Lower Upper

43 100

61 20.2 16.1 24.1

87 14.4 11.5 17.3



#44

Trichloroethene

Concen: 49.734 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX007601.D

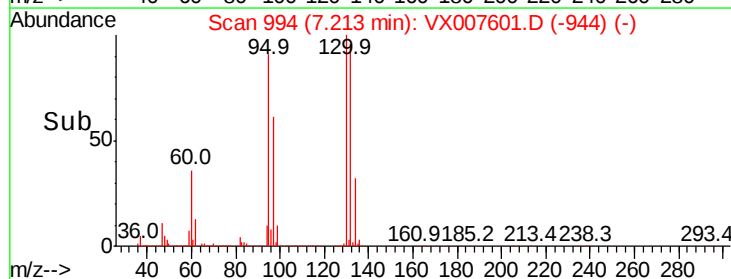
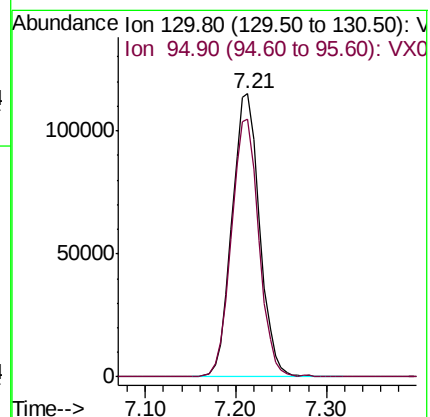
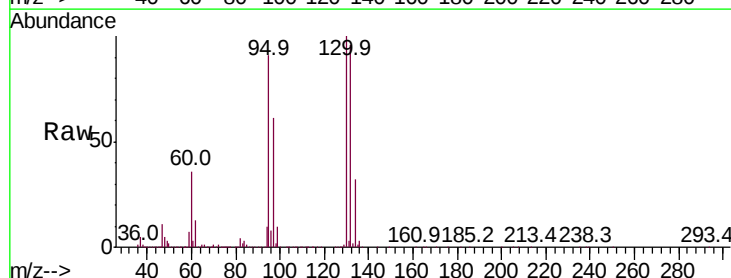
Acq: 19 Feb 2019 09:36

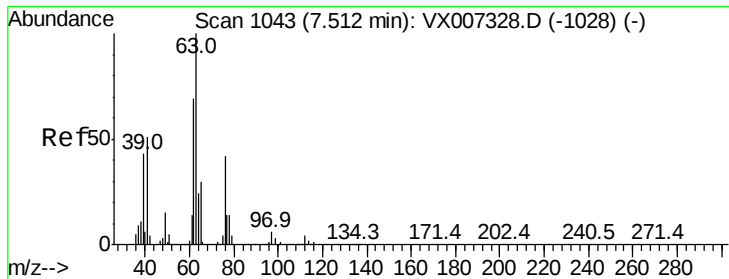
Tgt Ion:130 Resp: 243509

Ion Ratio Lower Upper

130 100

95 90.9 0.0 180.0





#45

1,2-Dichloropropane

Concen: 52.235 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

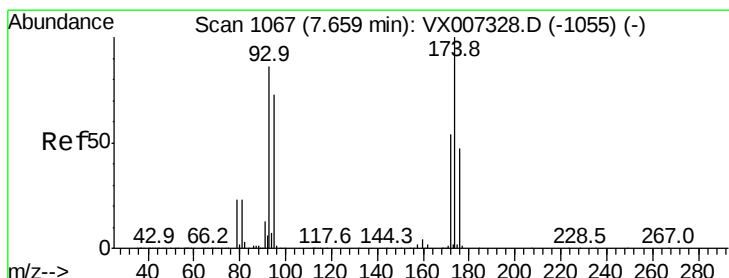
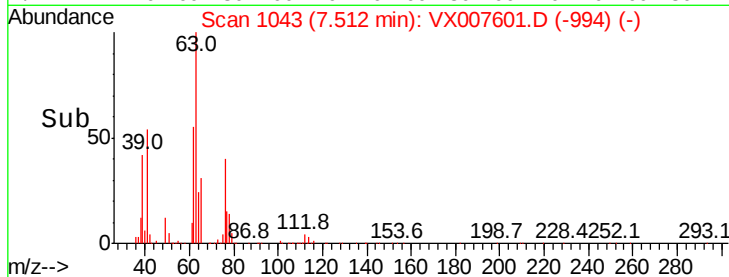
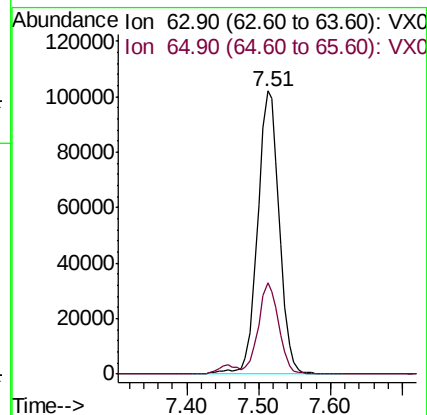
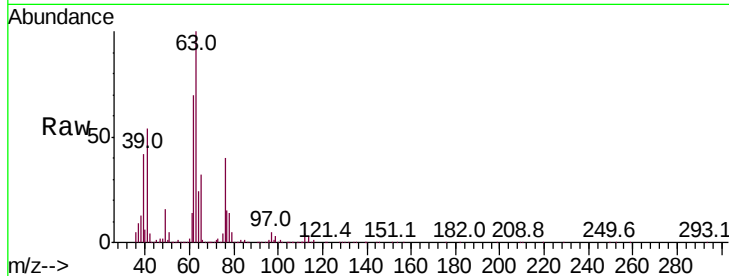
VSTDCCC050

Tot Ion: 63 Resp: 212763

Ion Ratio Lower Upper

63 100

65 32.5 24.2 36.2



#46

Dibromomethane

Concen: 50.592 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

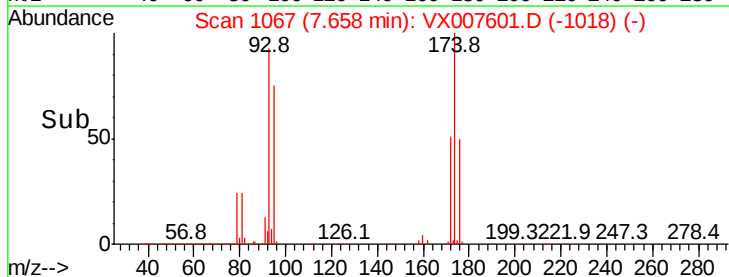
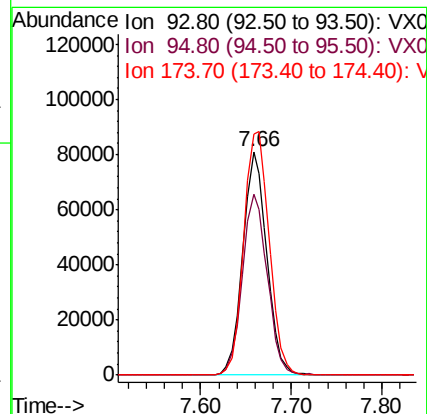
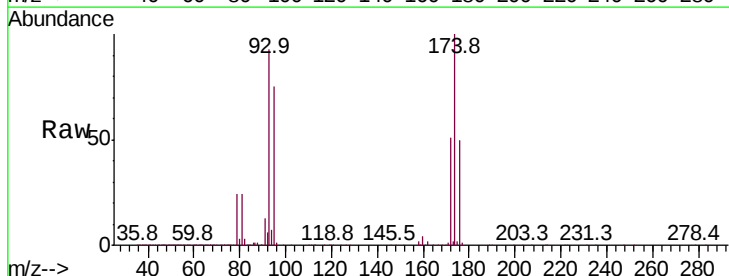
Tgt Ion: 93 Resp: 149772

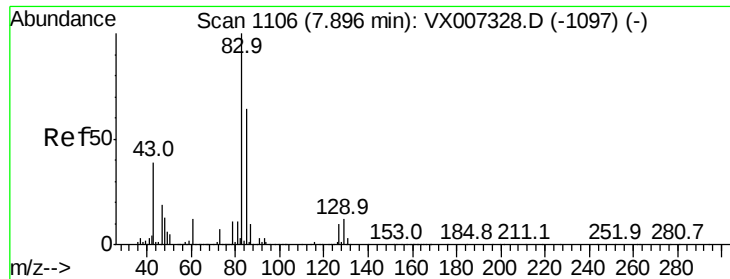
Ion Ratio Lower Upper

93 100

95 83.6 67.6 101.4

174 115.3 94.2 141.4





#47

Bromodichloromethane

Concen: 55.880 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

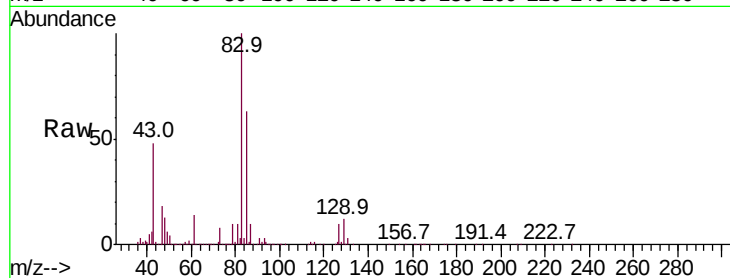
Tot Ion: 83 Resp: 280363

Ion Ratio Lower Upper

83 100

85 62.5 51.4 77.0

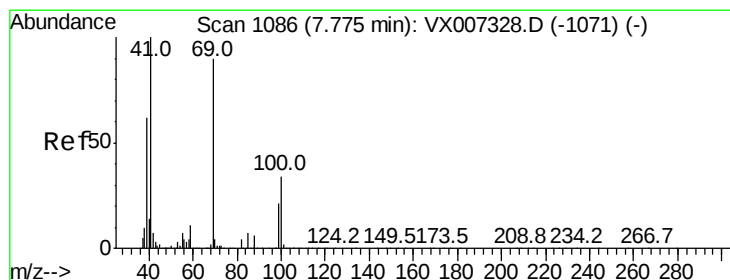
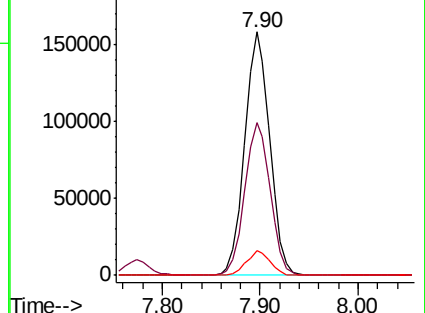
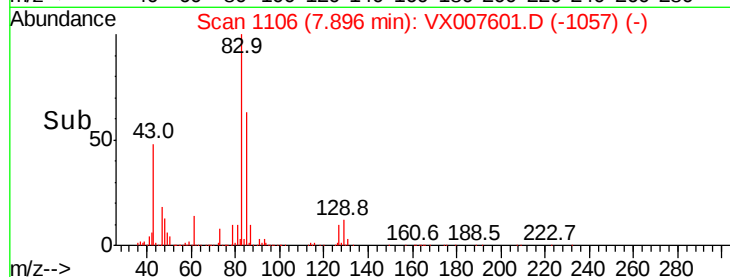
127 10.0 8.1 12.1



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: 56.441 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

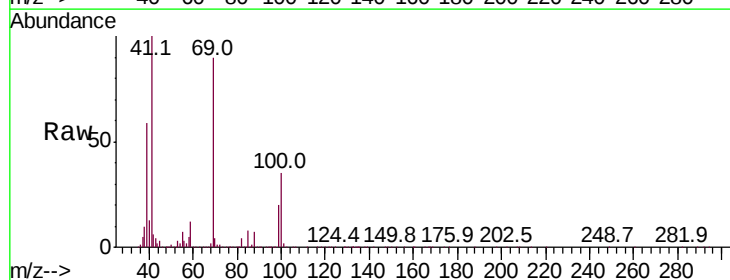
Tgt Ion: 41 Resp: 243103

Ion Ratio Lower Upper

41 100

69 86.5 70.2 105.4

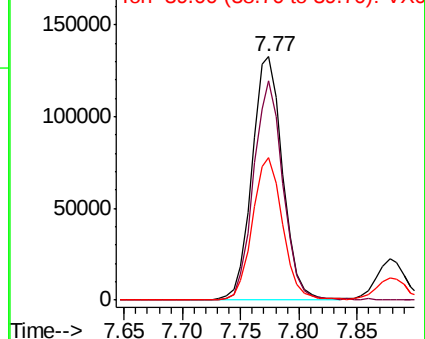
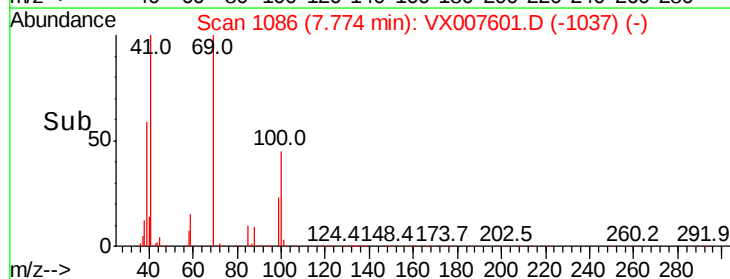
39 57.6 47.4 71.0

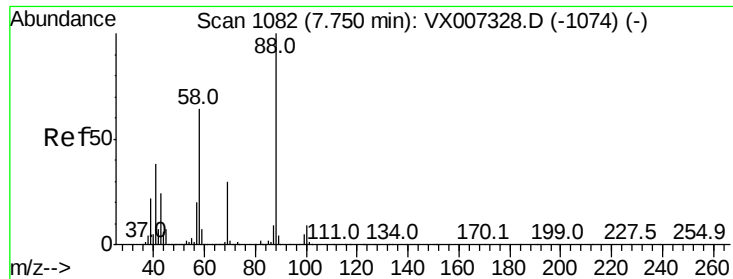


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1078.000 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

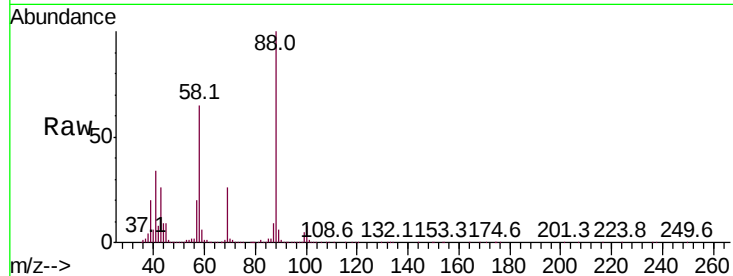
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 105647

Ion	Ratio	Lower	Upper
88	100		
43	31.0	24.2	36.4
58	65.8	53.0	79.4

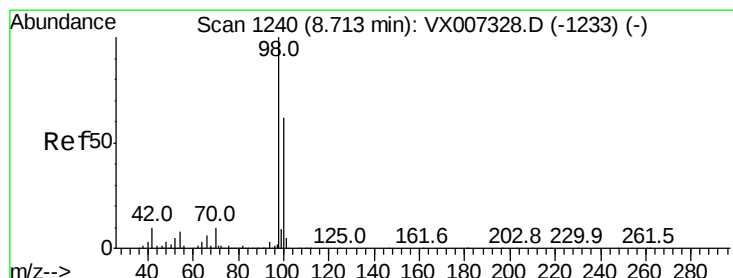
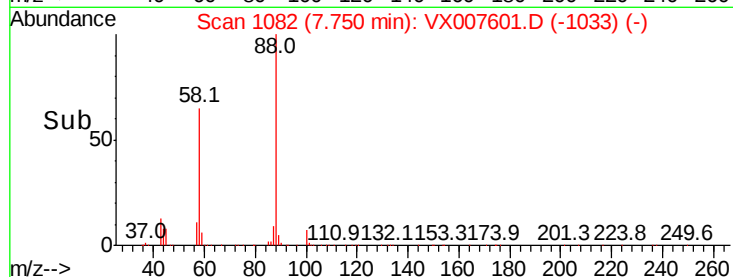
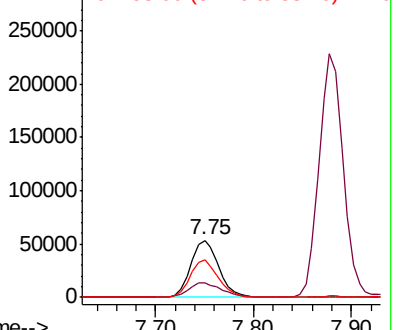


Abundance

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: 49.248 ug/l

RT: 8.71 min Scan# 1240

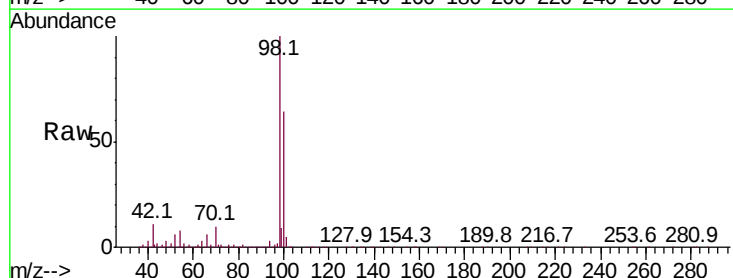
Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Tgt Ion: 98 Resp: 731273

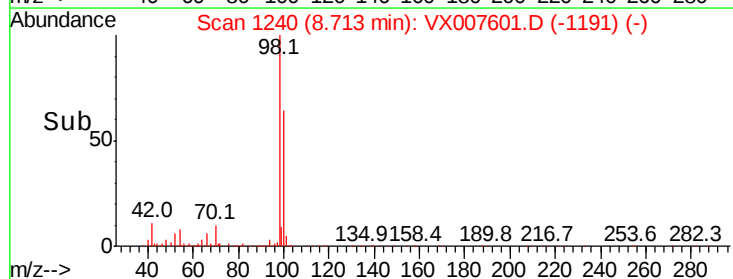
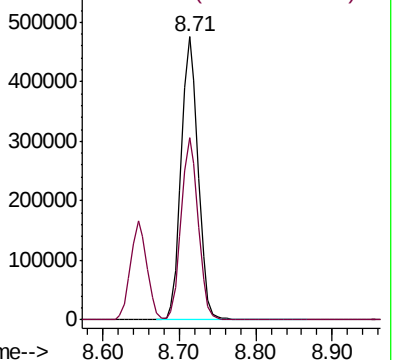
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4

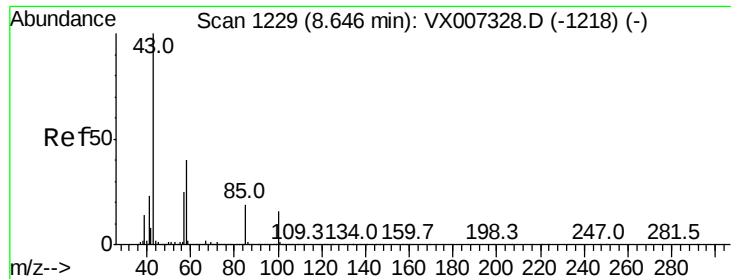


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

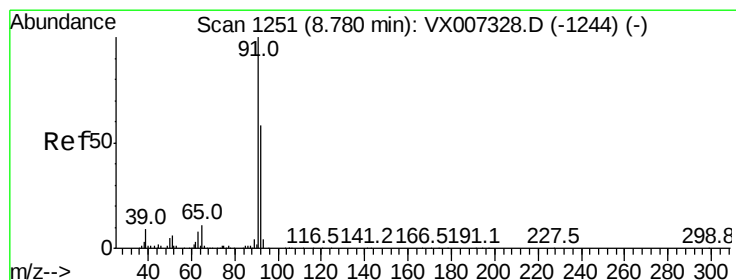
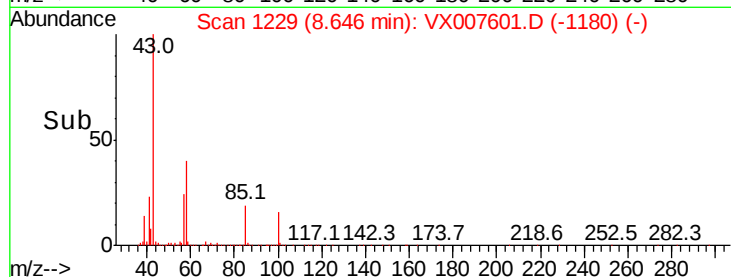
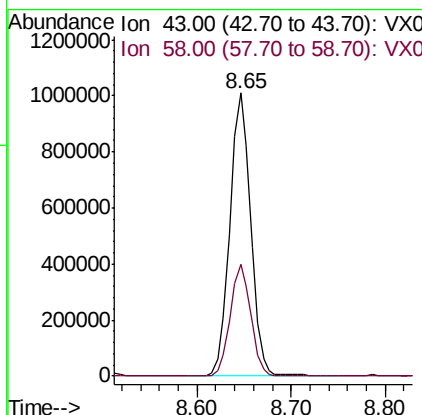
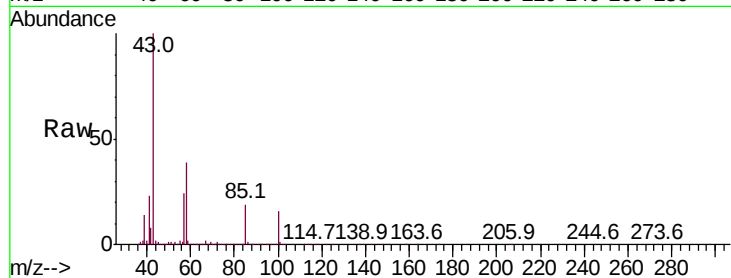




#51
4-Methyl-2-Pentanone
Concen: 273.156 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

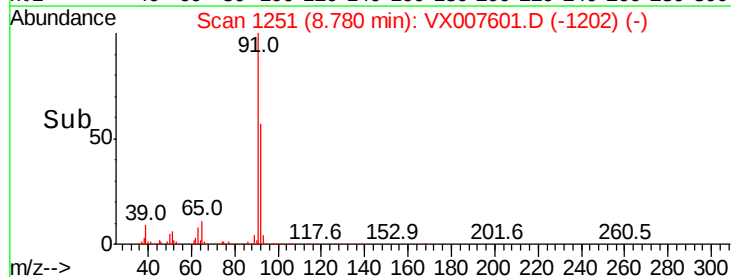
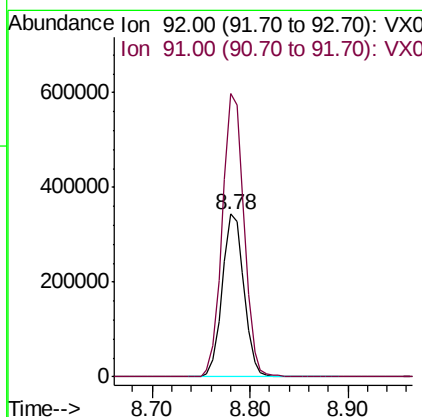
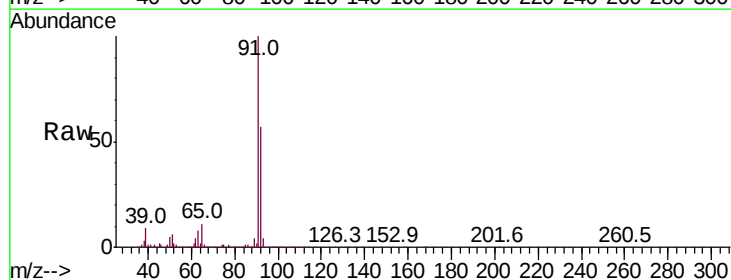
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

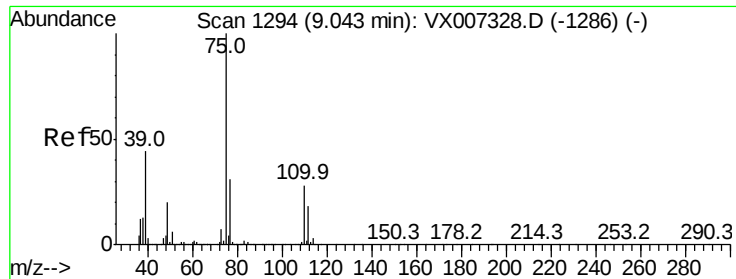
Tot Ion: 43 Resp: 1548435
Ion Ratio Lower Upper
43 100
58 39.0 31.2 46.8



#52
Toluene
Concen: 50.794 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion: 92 Resp: 532768
Ion Ratio Lower Upper
92 100
91 174.4 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 56.255 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

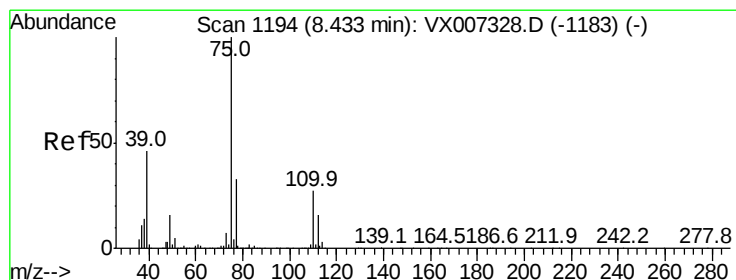
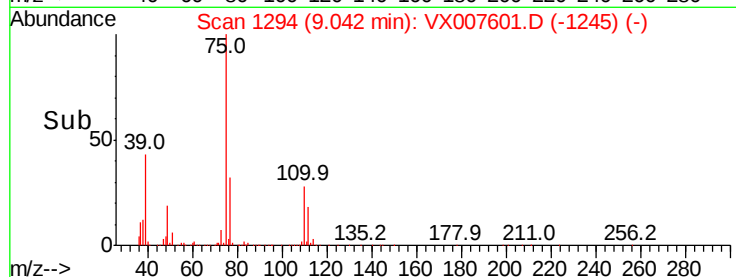
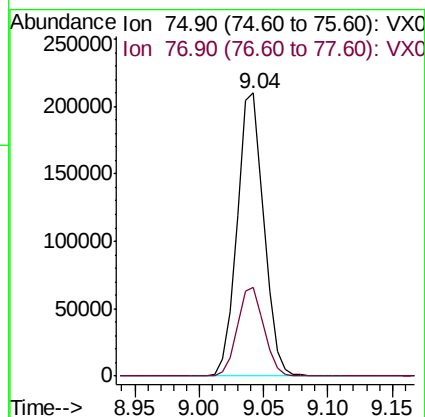
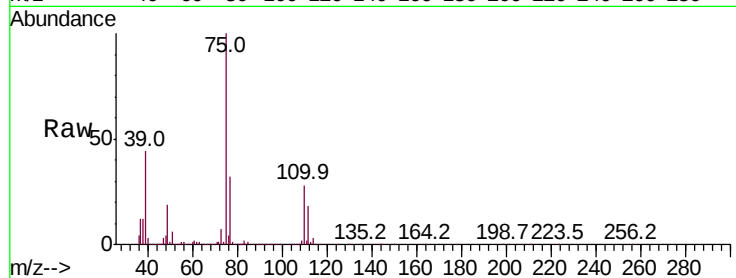
VSTDCCC050

Tot Ion: 75 Resp: 303174

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 55.911 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

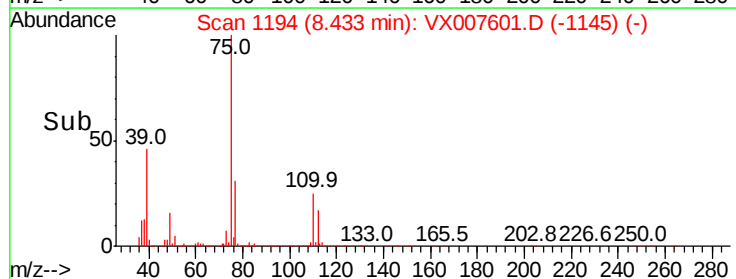
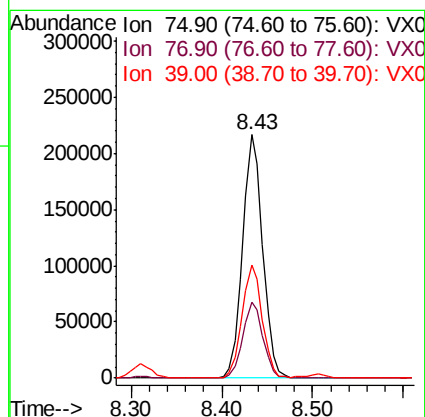
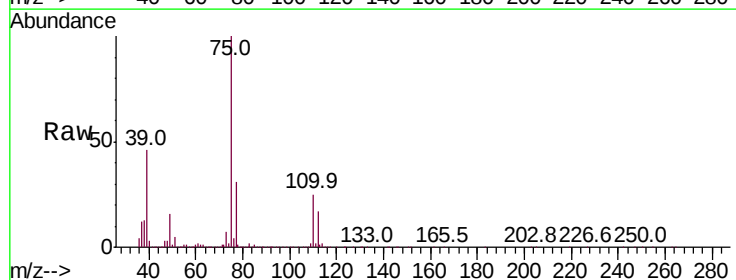
Tgt Ion: 75 Resp: 331360

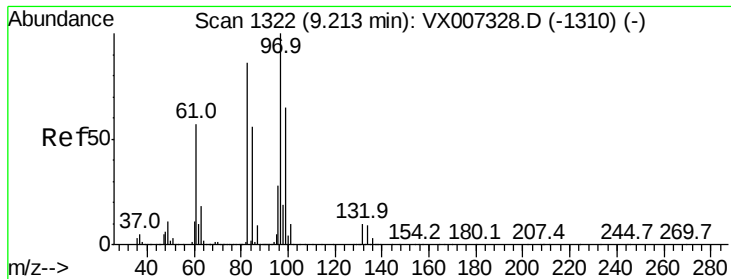
Ion Ratio Lower Upper

75 100

77 30.9 26.2 39.4

39 46.3 37.1 55.7

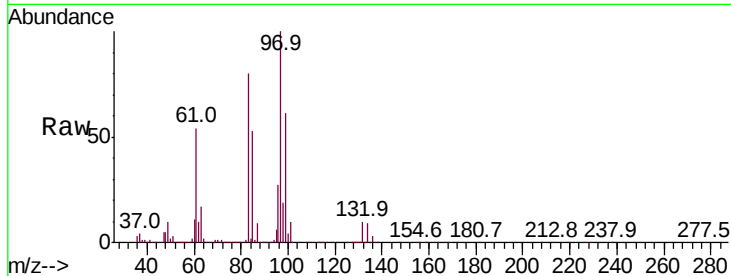




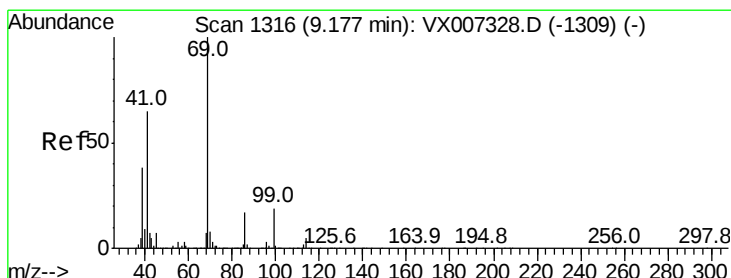
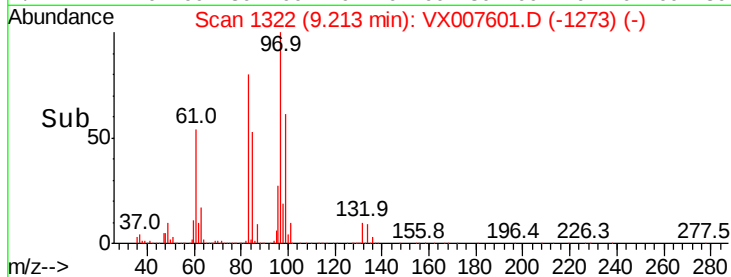
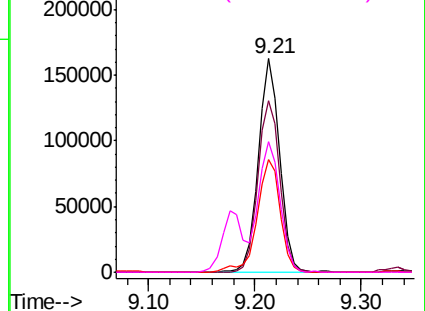
#55
 1,1,2-Trichloroethane
 Concen: 52.469 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007601.D
 Acq: 19 Feb 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	229400
Ion	Ratio	Lower	Upper
97	100		
83	80.2	68.6	102.8
85	52.8	44.5	66.7
99	61.1	52.2	78.4

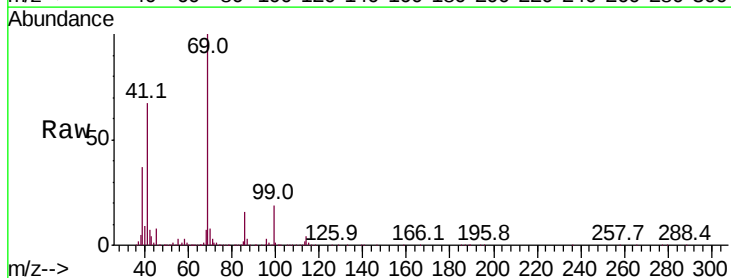


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

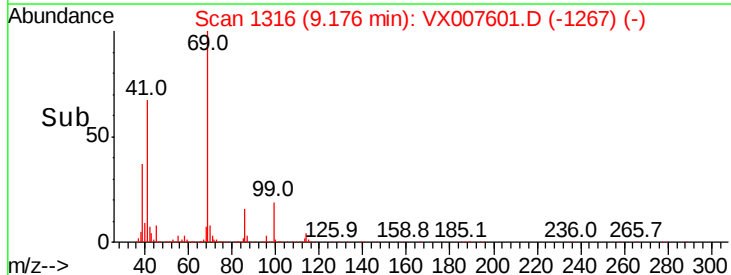
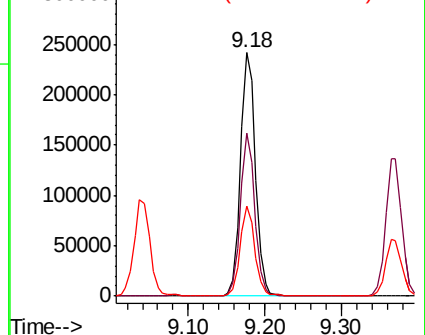


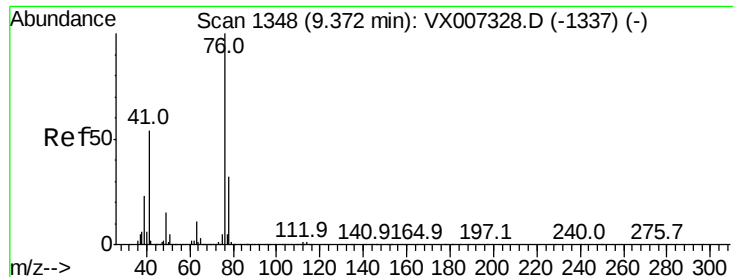
#56
 Ethyl methacrylate
 Concen: 53.837 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007601.D
 Acq: 19 Feb 2019 09:36

Tgt Ion:	69	Resp:	326010
Ion	Ratio	Lower	Upper
69	100		
41	64.3	52.1	78.1
39	36.7	30.1	45.1



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: 52.046 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

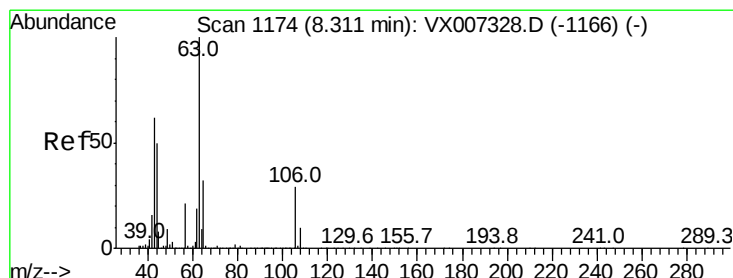
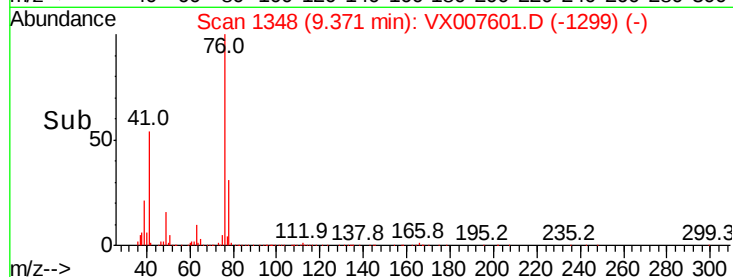
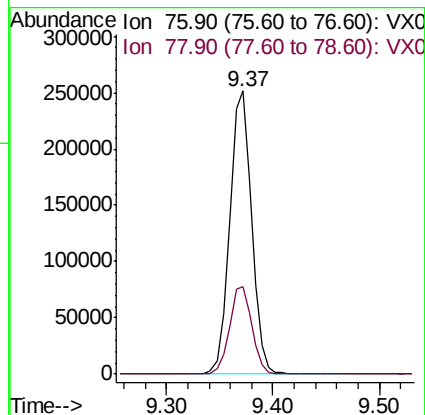
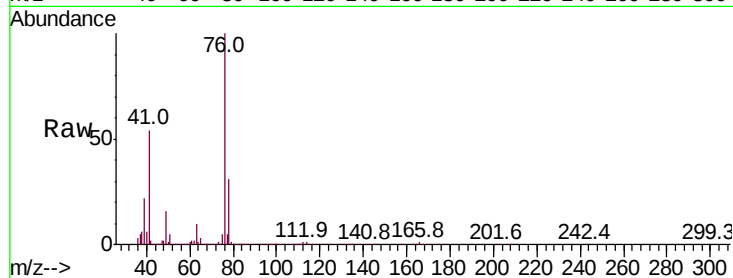
VSTDCCC050

Tot Ion: 76 Resp: 361876

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 274.650 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007601.D

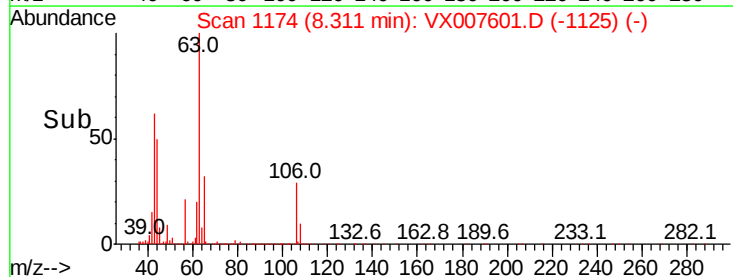
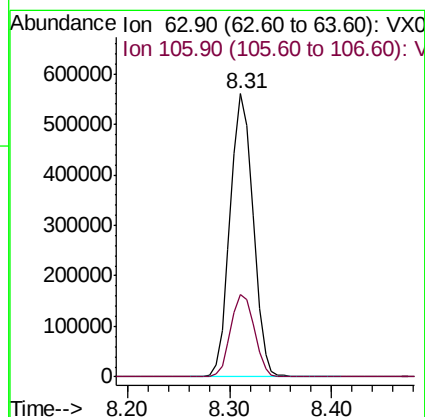
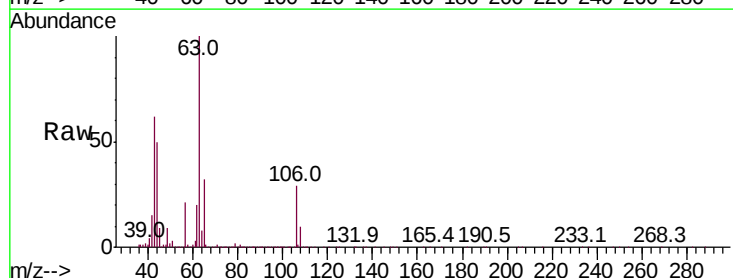
Acq: 19 Feb 2019 09:36

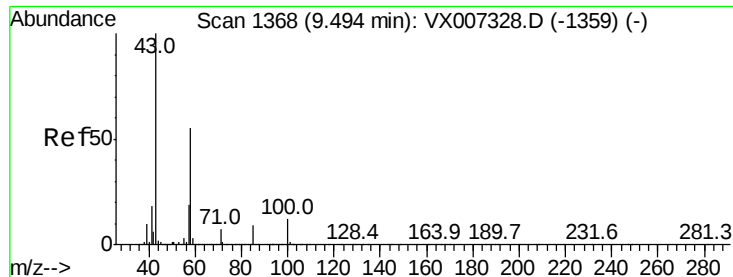
Tgt Ion: 63 Resp: 876607

Ion Ratio Lower Upper

63 100

106 30.0 23.6 35.4

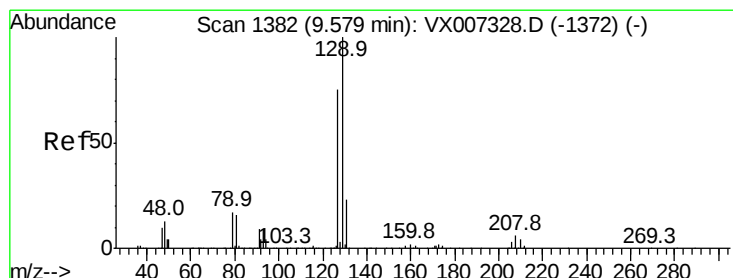
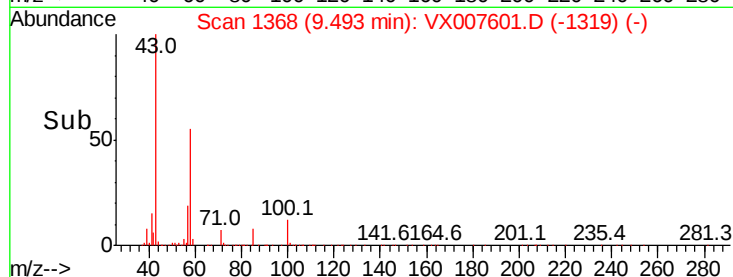
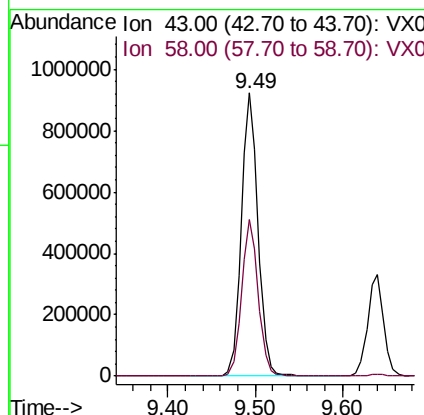
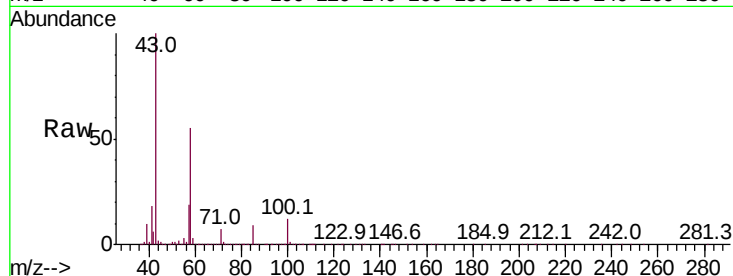




#59
2-Hexanone
Concen: 279.407 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

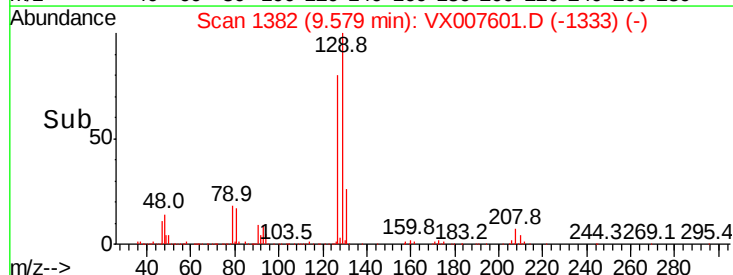
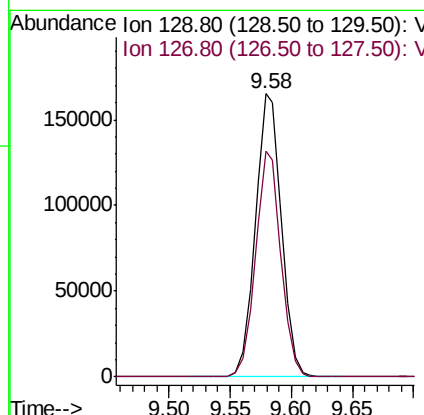
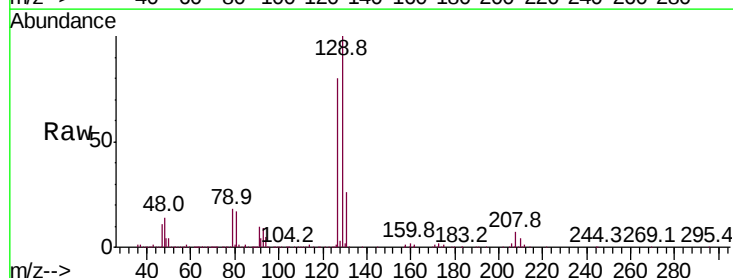
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

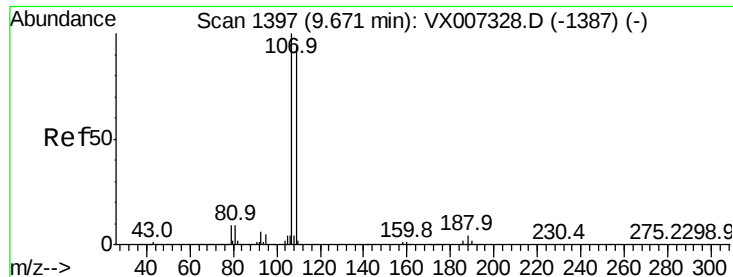
Tot Ion: 43 Resp: 1232513
Ion Ratio Lower Upper
43 100
58 54.6 27.1 81.3



#60
Dibromochloromethane
Concen: 59.053 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion: 129 Resp: 244184
Ion Ratio Lower Upper
129 100
127 77.9 37.8 113.4





#61

1,2-Dibromoethane

Concen: 52.620 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

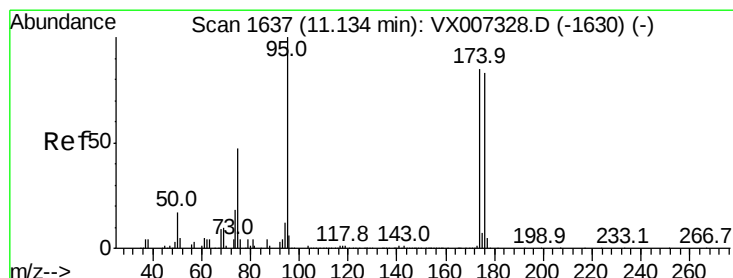
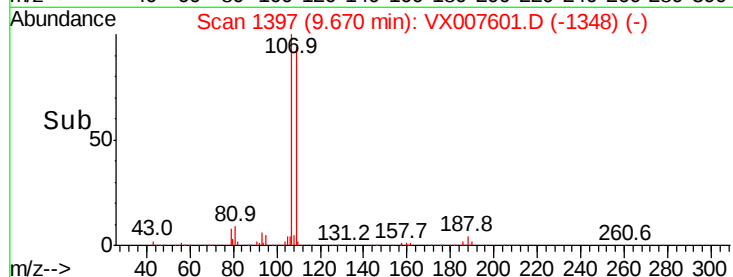
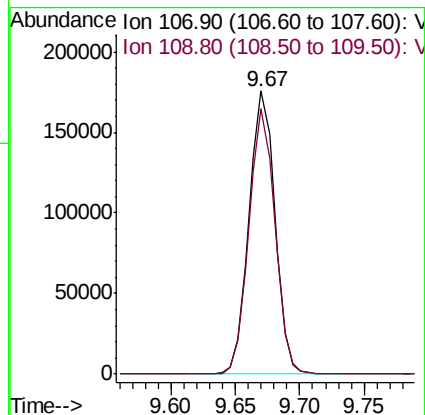
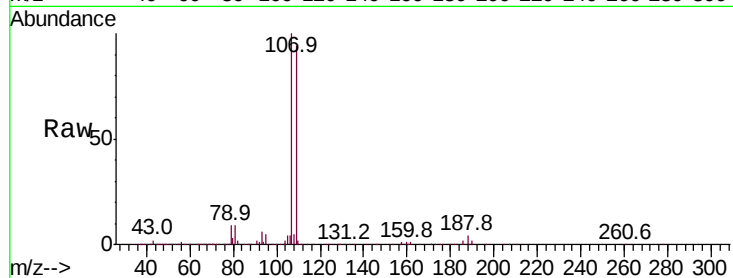
VSTDCCC050

Tot Ion:107 Resp: 243637

Ion Ratio Lower Upper

107 100

109 94.0 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 49.309 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

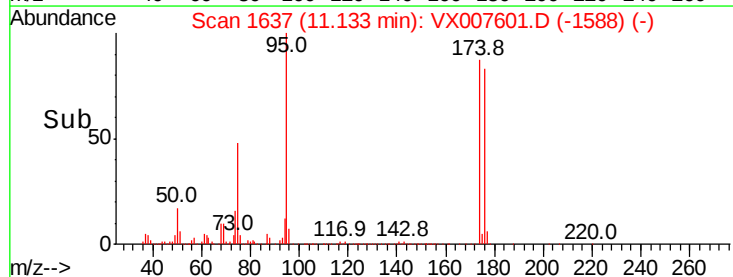
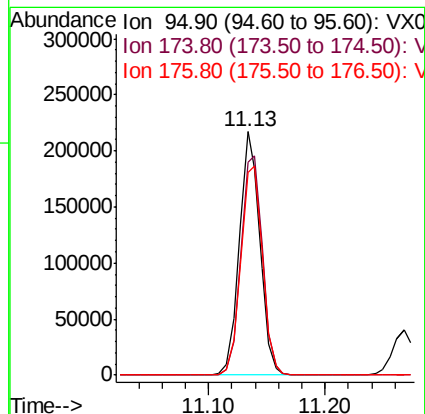
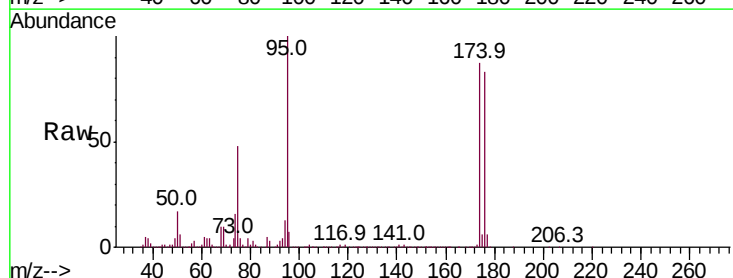
Tgt Ion: 95 Resp: 267317

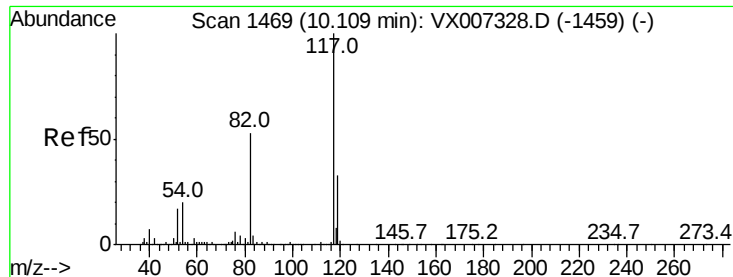
Ion Ratio Lower Upper

95 100

174 94.4 0.0 189.2

176 90.7 0.0 186.2

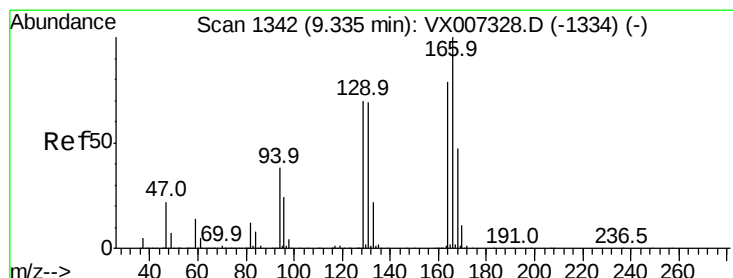
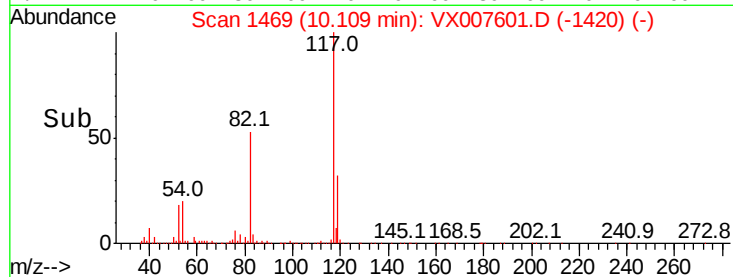
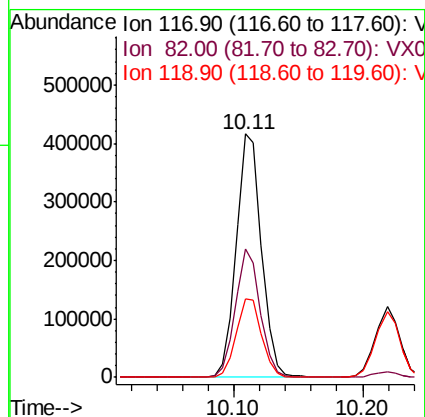
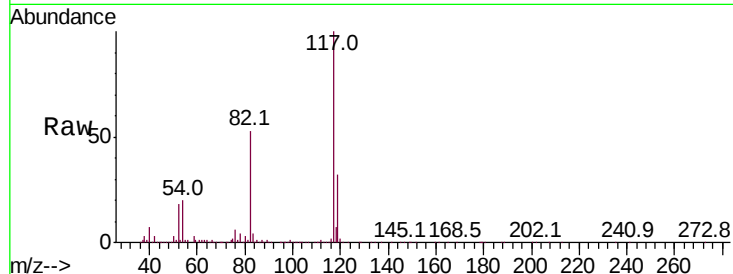




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

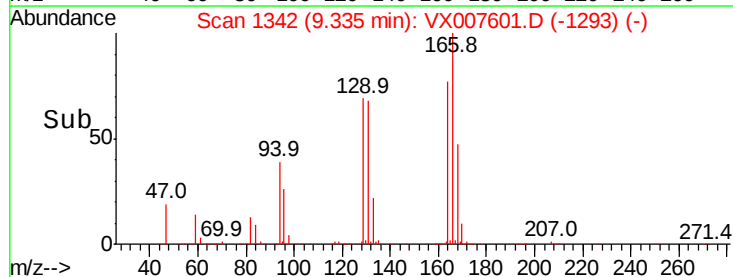
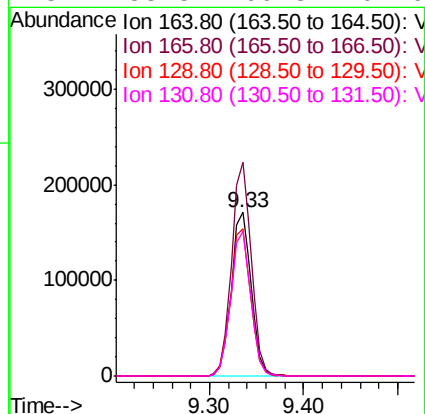
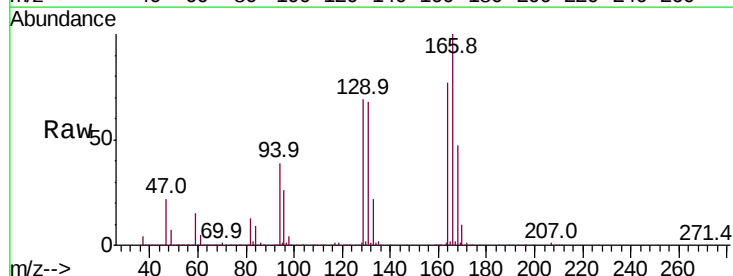
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

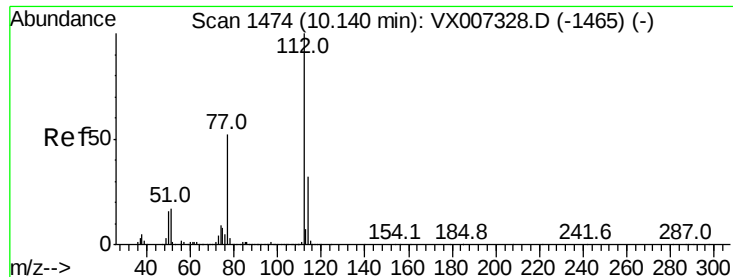
Tot Ion:117 Resp: 567955
Ion Ratio Lower Upper
117 100
82 52.5 42.1 63.1
119 32.2 26.5 39.7



#64
Tetrachloroethene
Concen: 46.868 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion:164 Resp: 250889
Ion Ratio Lower Upper
164 100
166 130.4 101.0 151.4
129 90.2 70.5 105.7
131 88.5 69.8 104.6





#65

Chlorobenzene

Concen: 50.114 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

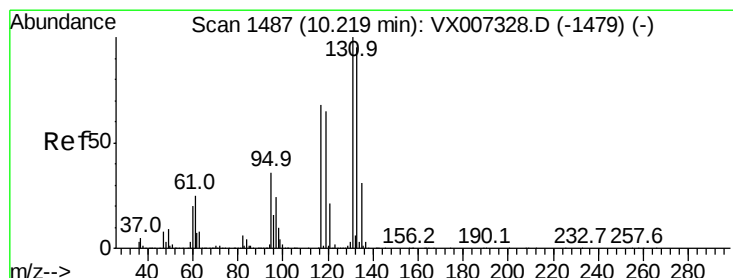
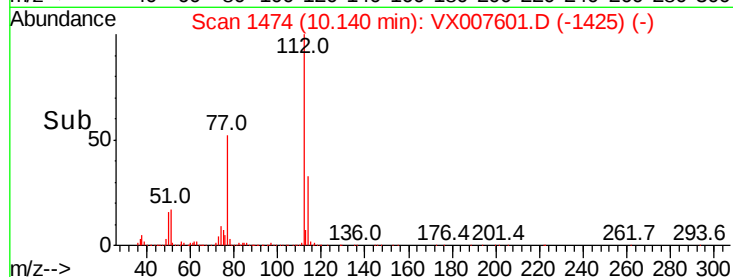
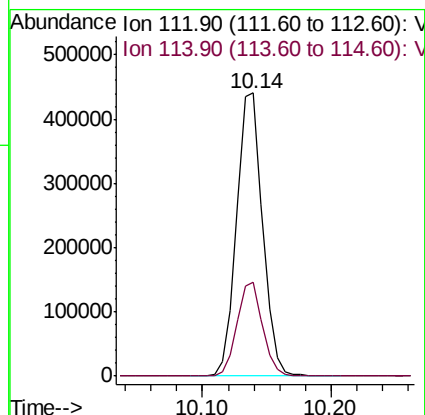
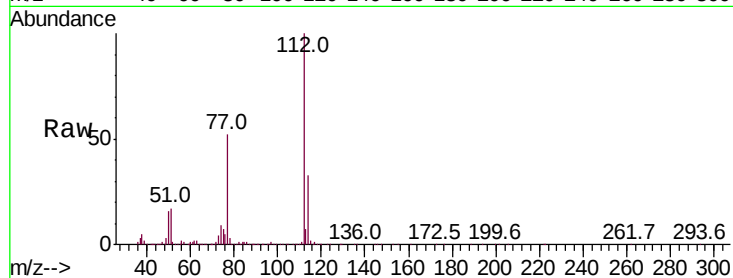
VSTDCCC050

Tot Ion:112 Resp: 621111

Ion Ratio Lower Upper

112 100

114 33.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 55.869 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

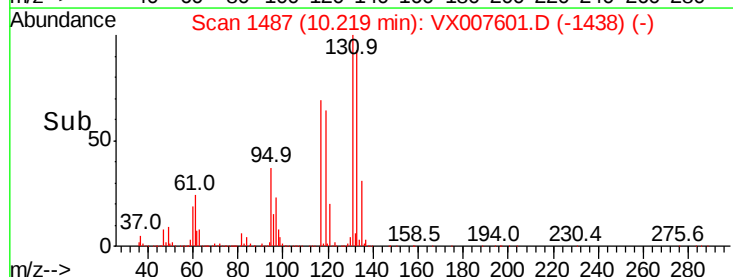
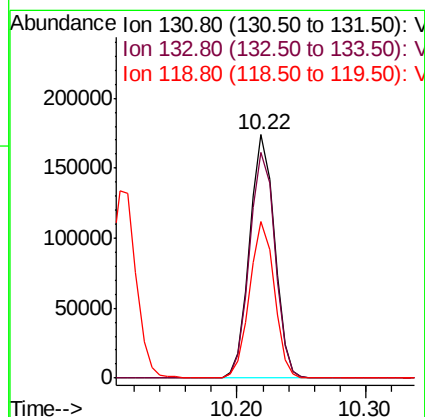
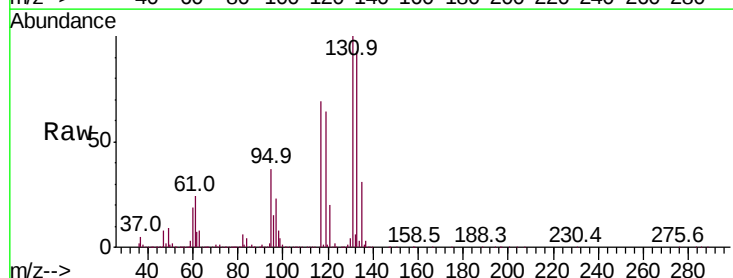
Tgt Ion:131 Resp: 232153

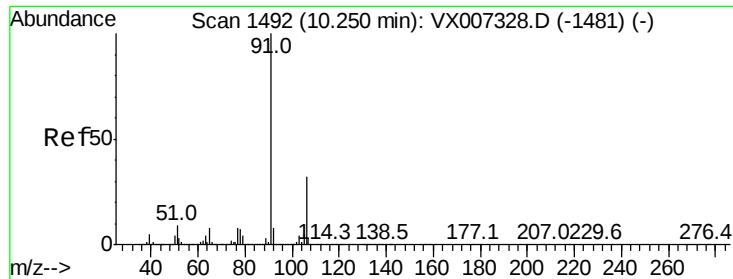
Ion Ratio Lower Upper

131 100

133 94.4 48.0 144.2

119 63.9 32.0 96.0





#67

Ethyl Benzene

Concen: 51.666 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

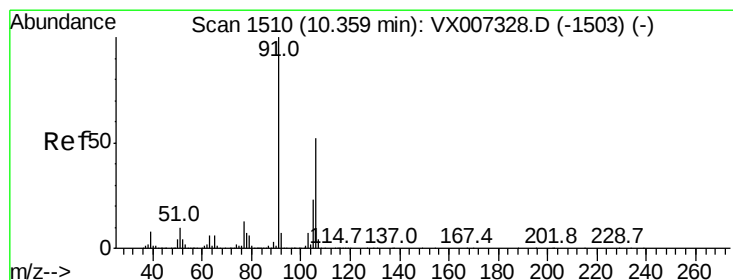
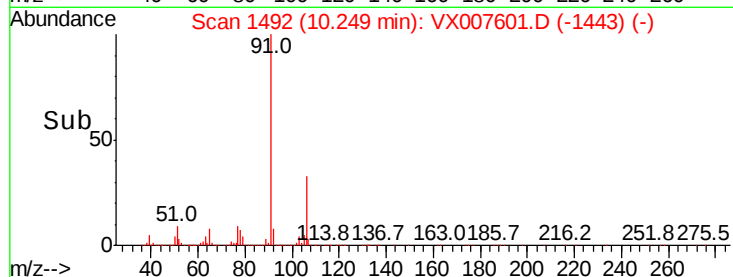
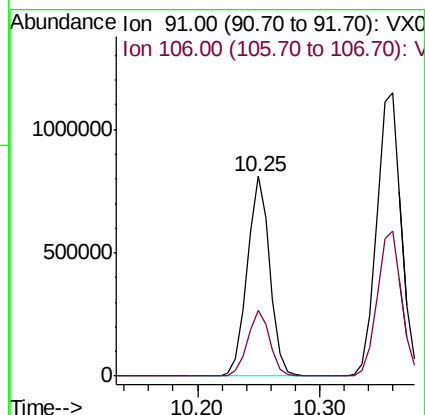
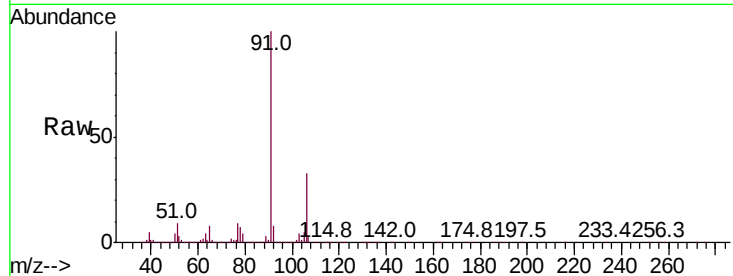
VSTDCCC050

Tot Ion: 91 Resp: 1031198

Ion Ratio Lower Upper

91 100

106 32.7 25.4 38.0



#68

m/p-Xylenes

Concen: 102.388 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007601.D

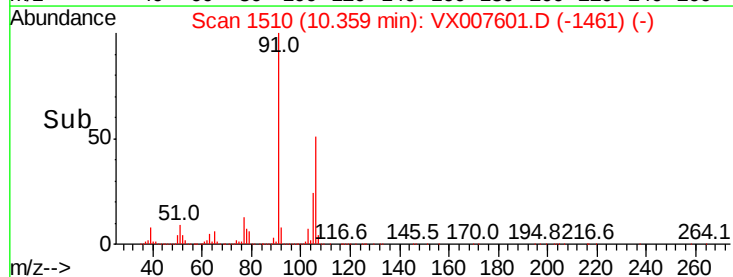
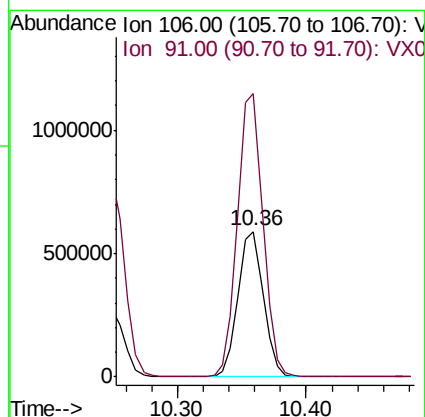
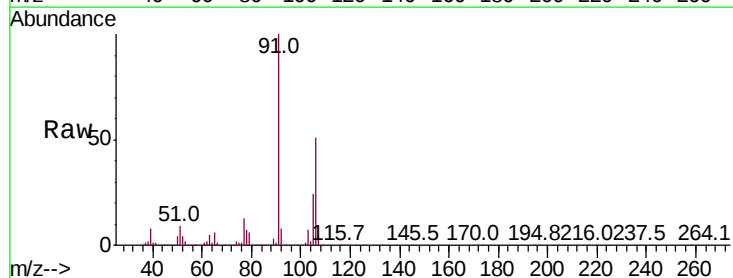
Acq: 19 Feb 2019 09:36

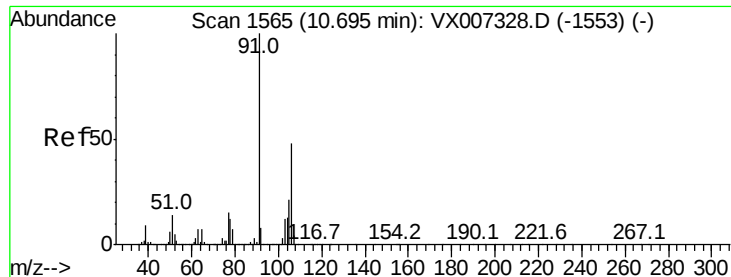
Tgt Ion: 106 Resp: 812339

Ion Ratio Lower Upper

106 100

91 196.3 156.6 234.8

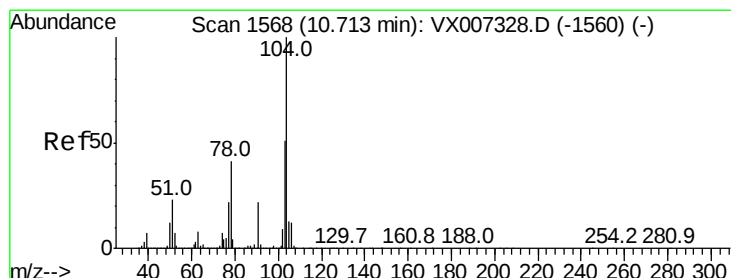
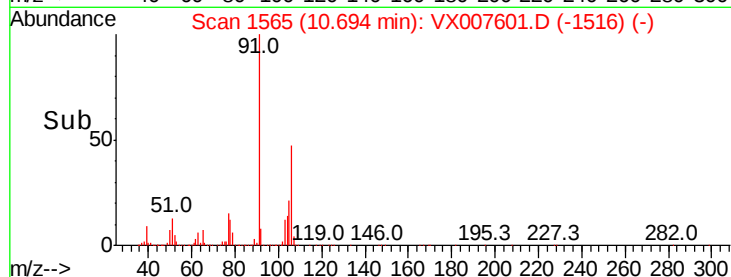
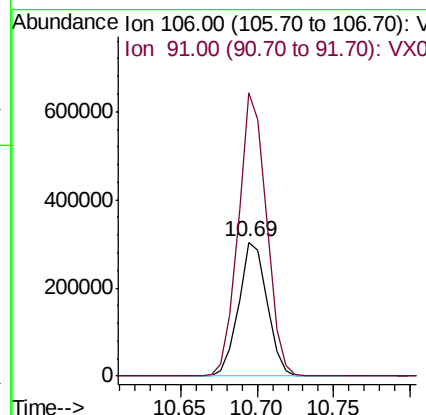
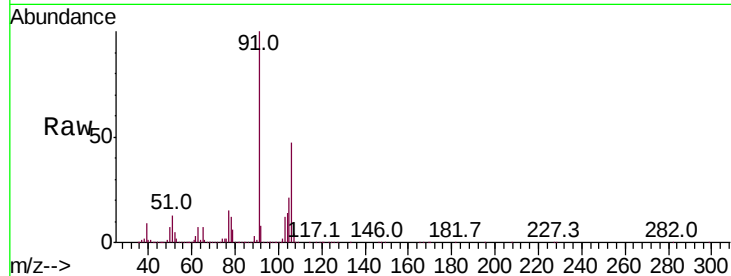




#69
o-Xylene
Concen: 51.205 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

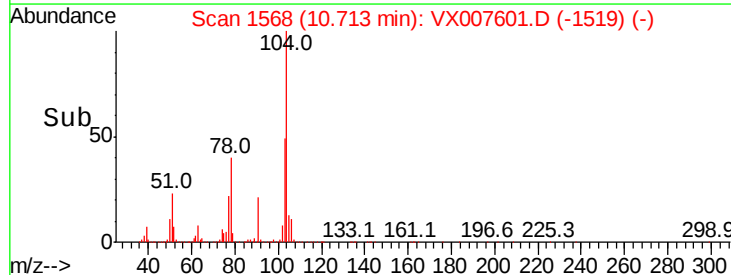
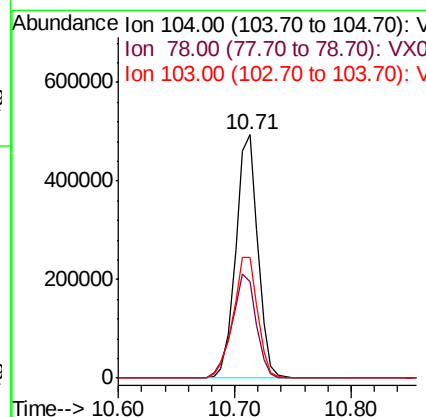
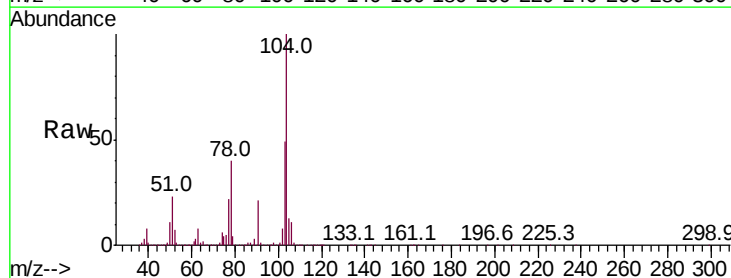
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

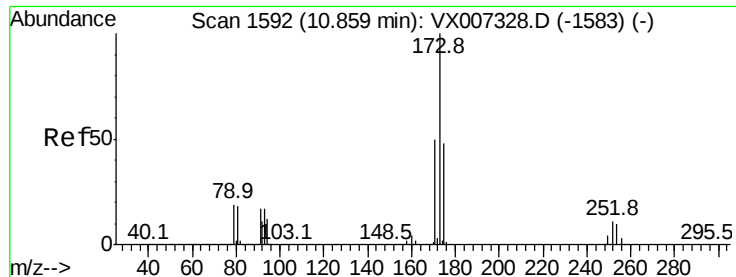
Tot Ion:106 Resp: 390915
Ion Ratio Lower Upper
106 100
91 209.6 102.9 308.7



#70
Styrene
Concen: 52.713 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion:104 Resp: 652654
Ion Ratio Lower Upper
104 100
78 46.9 38.3 57.5
103 55.3 44.6 67.0





#71

Bromoform

Concen: 50.641 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

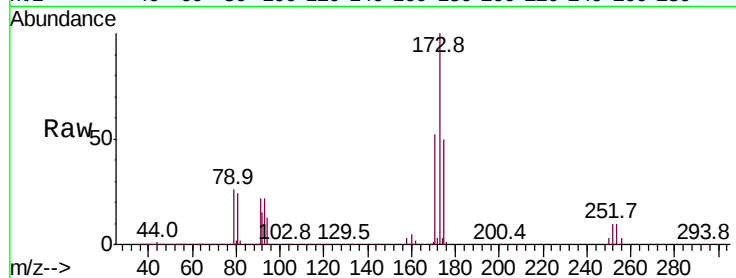
Tot Ion:173 Resp: 184767

Ion Ratio Lower Upper

173 100

175 49.4 24.2 72.6

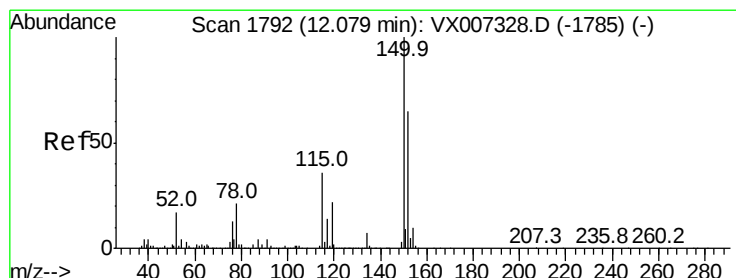
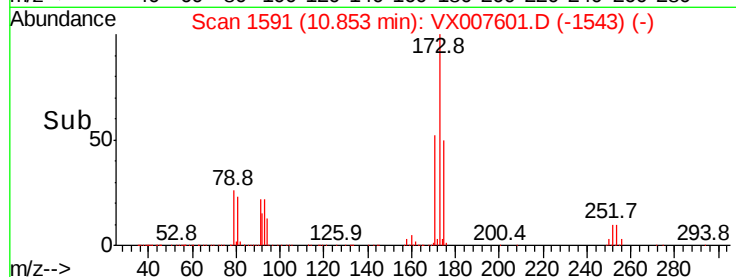
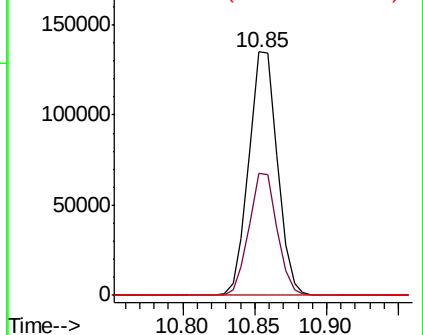
254 0.2 0.2 0.2



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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

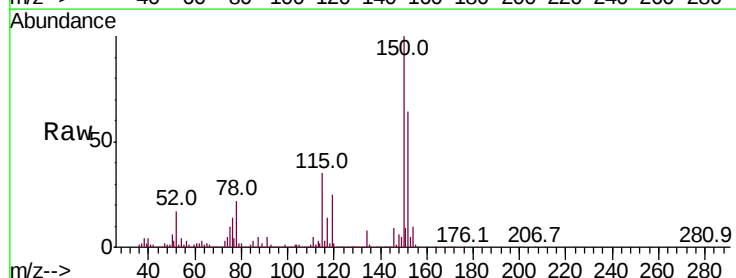
Tgt Ion:152 Resp: 305208

Ion Ratio Lower Upper

152 100

115 79.0 38.0 114.0

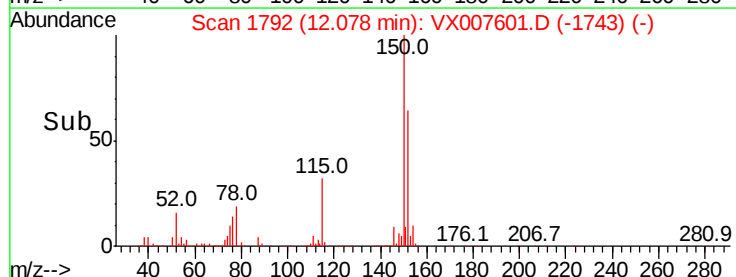
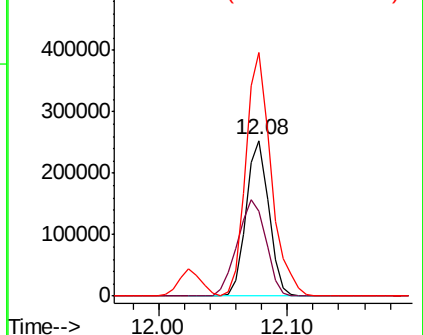
150 174.4 0.0 346.4

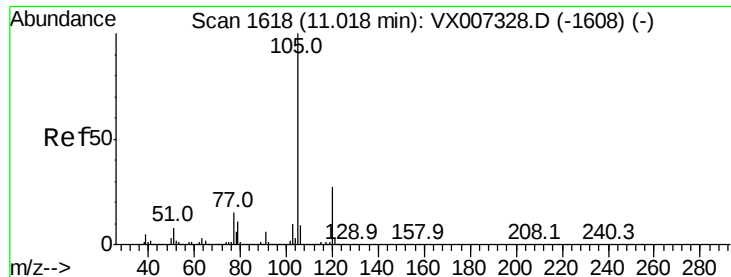


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.660 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

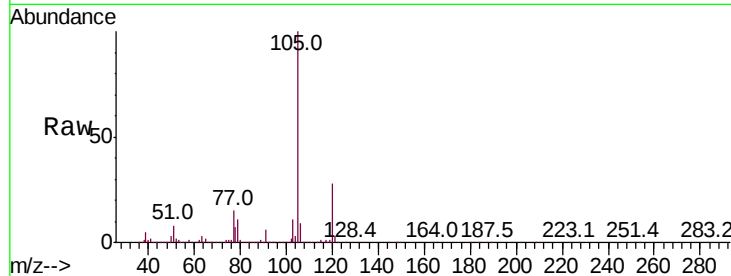
VSTDCCC050

Tot Ion:105 Resp: 1071462

Ion Ratio Lower Upper

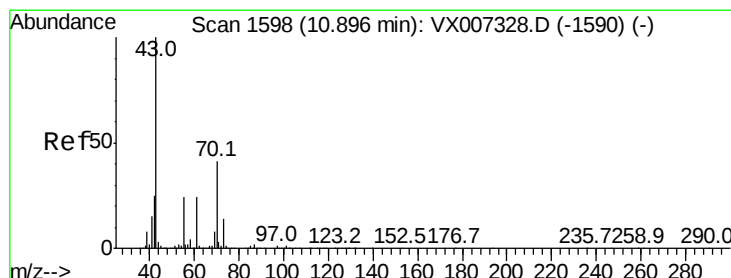
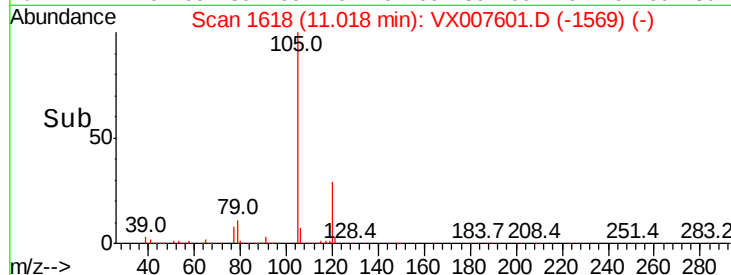
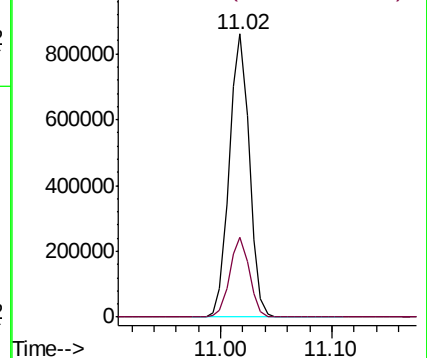
105 100

120 27.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.600 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Tgt Ion: 43 Resp: 413942

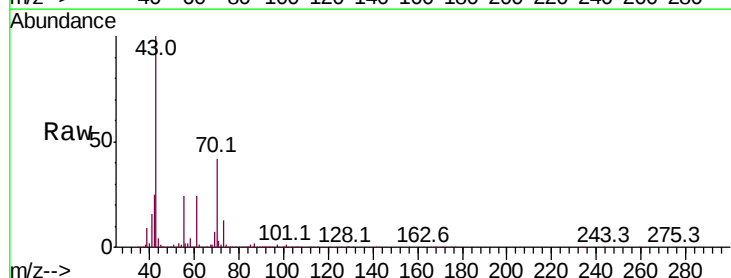
Ion Ratio Lower Upper

43 100

70 42.8 33.8 50.6

55 24.3 19.5 29.3

61 24.2 19.4 29.2

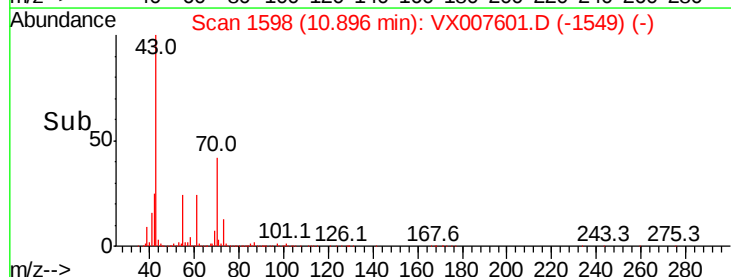
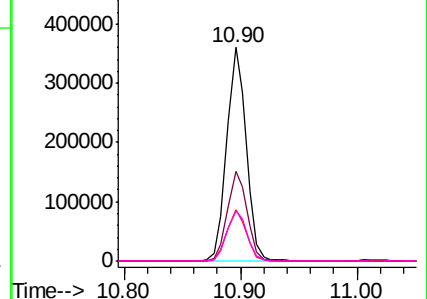


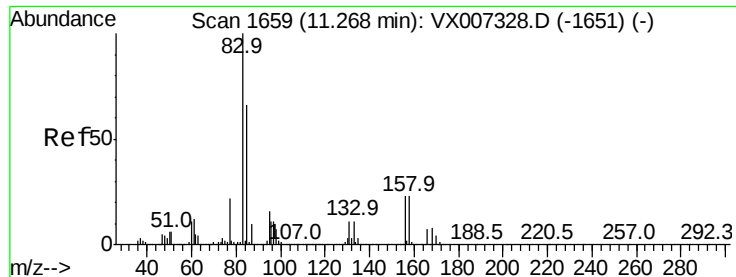
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.559 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

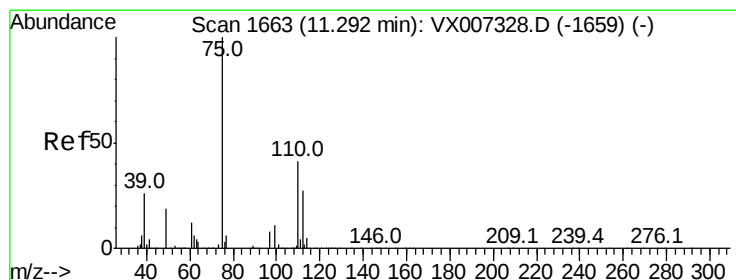
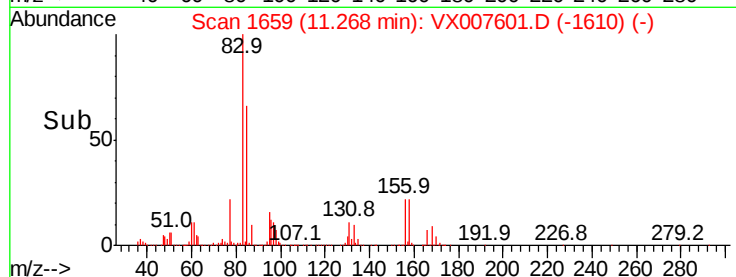
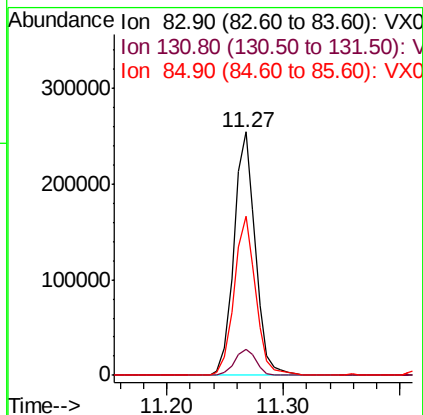
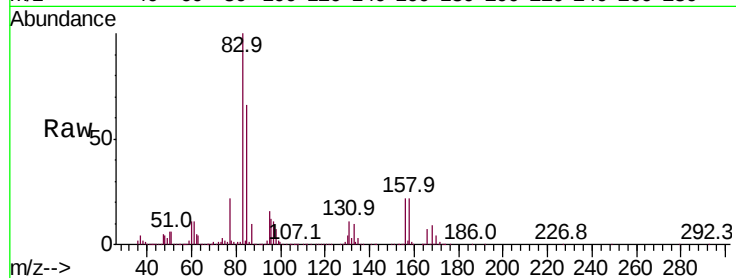
Tot Ion: 83 Resp: 325897

Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.7	17.0
85	65.8	32.8	98.3

83 100

131 11.0 5.7 17.0

85 65.8 32.8 98.3



#76

1,2,3-Trichloropropane

Concen: 65.181 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX007601.D

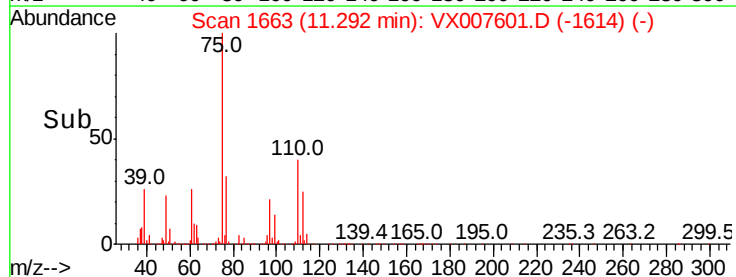
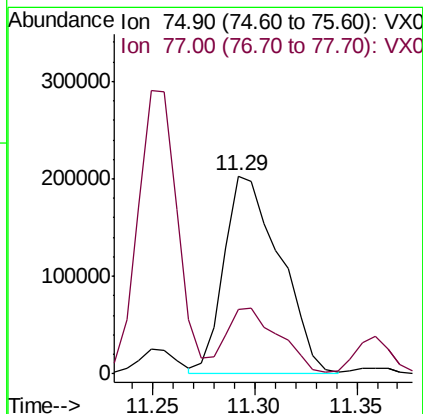
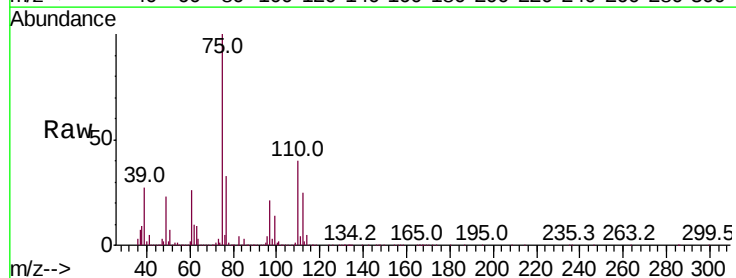
Acq: 19 Feb 2019 09:36

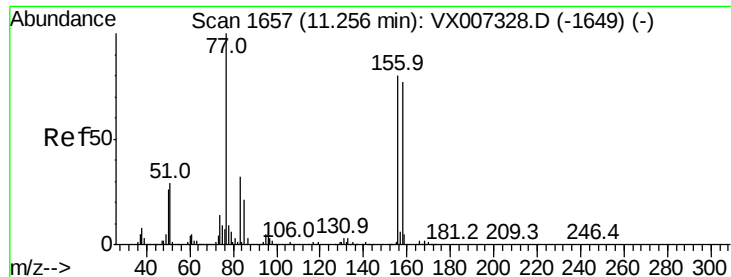
Tgt Ion: 75 Resp: 386958

Ion	Ratio	Lower	Upper
75	100		
77	32.2	23.0	69.0

75 100

77 32.2 23.0 69.0





#77

Bromobenzene

Concen: 48.976 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

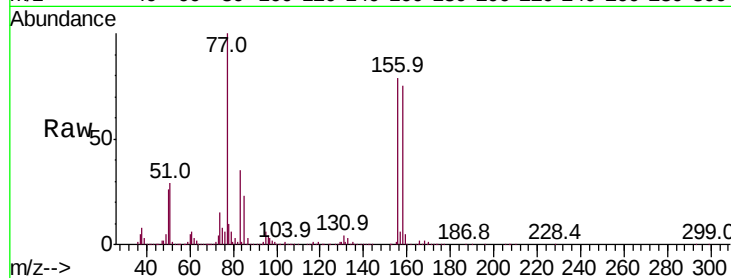
Tot Ion:156 Resp: 286205

Ion Ratio Lower Upper

156 100

77 135.4 66.8 200.6

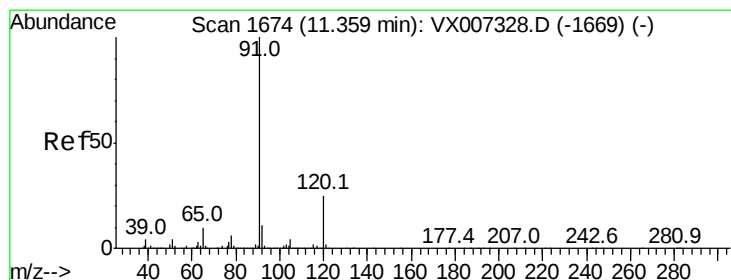
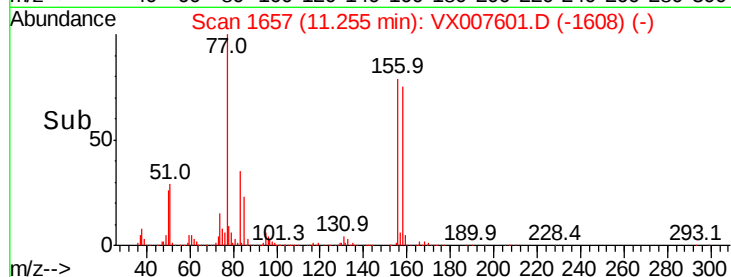
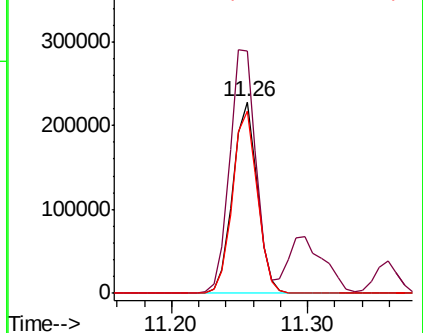
158 96.6 47.9 143.8



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: 53.613 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007601.D

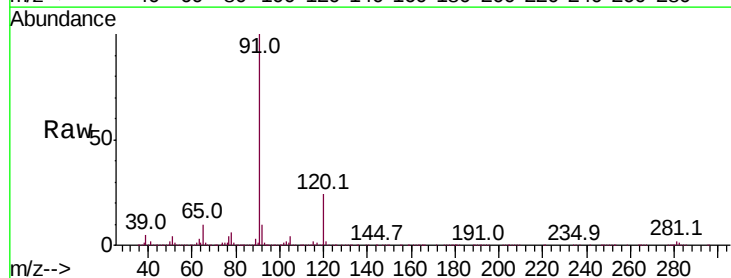
Acq: 19 Feb 2019 09:36

Tgt Ion: 91 Resp: 1219326

Ion Ratio Lower Upper

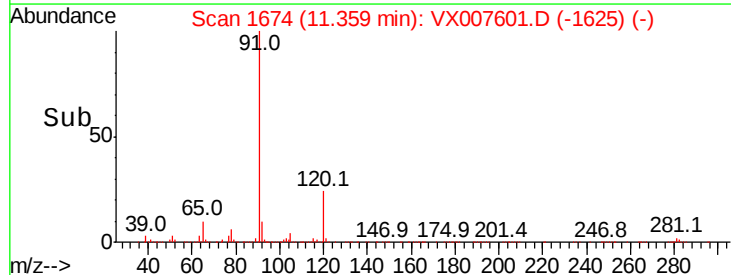
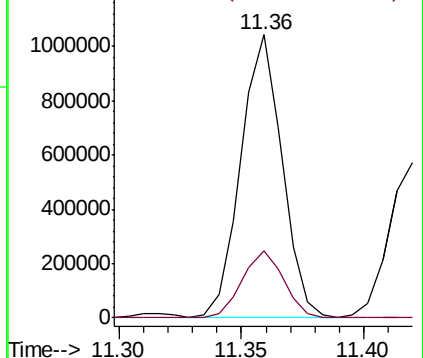
91 100

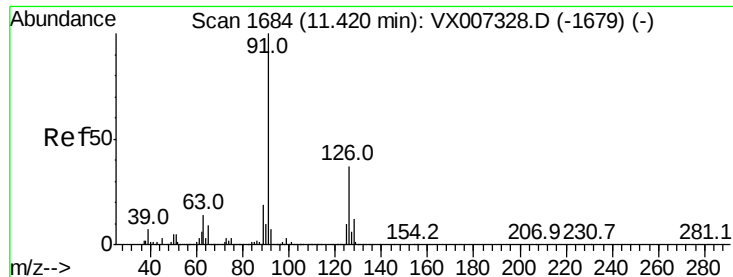
120 24.1 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.599 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

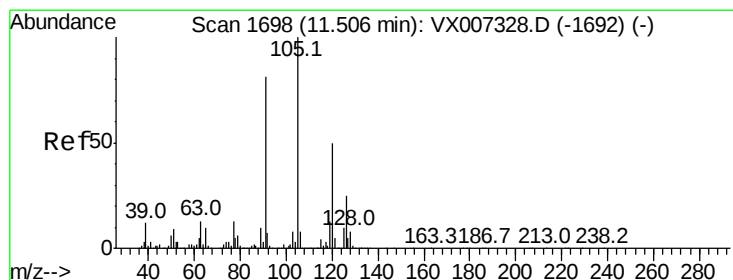
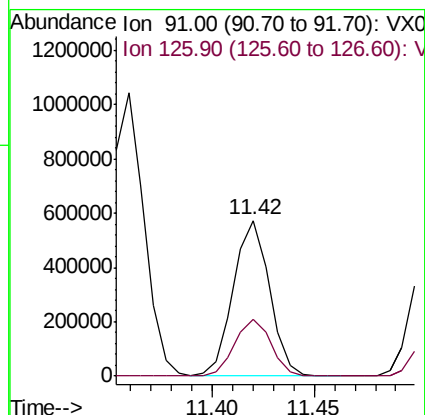
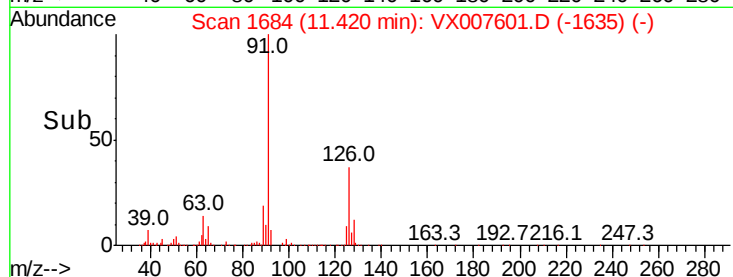
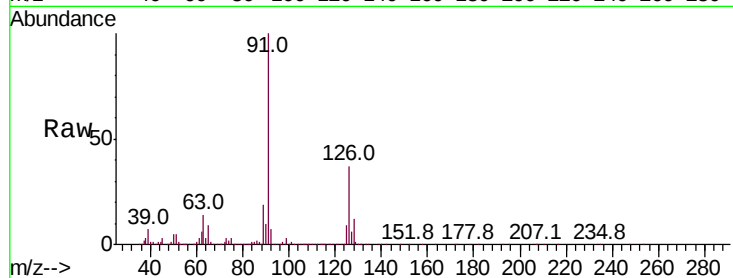
VSTDCCC050

Tot Ion: 91 Resp: 698276

Ion Ratio Lower Upper

91 100

126 37.1 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 51.805 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007601.D

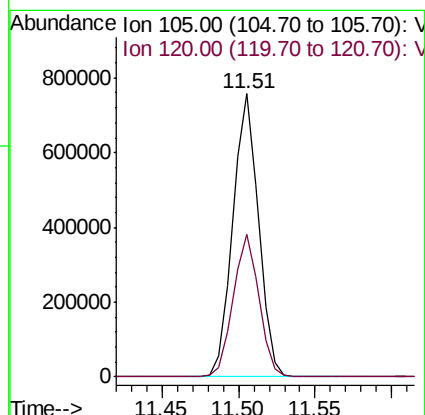
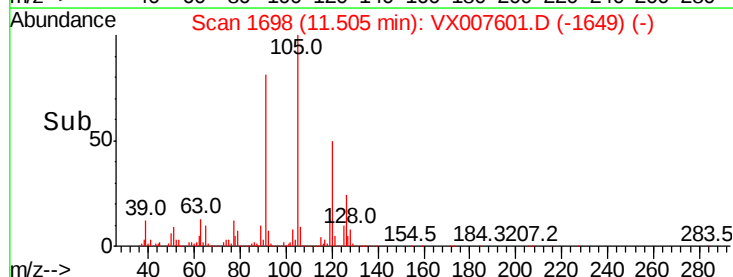
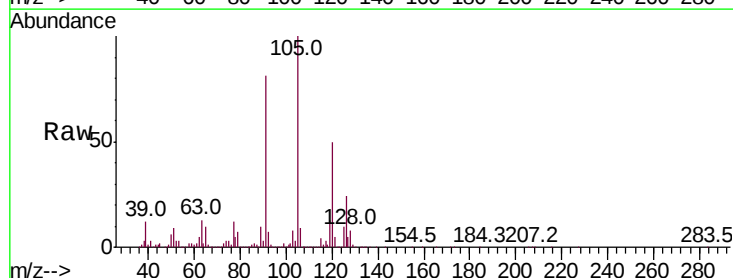
Acq: 19 Feb 2019 09:36

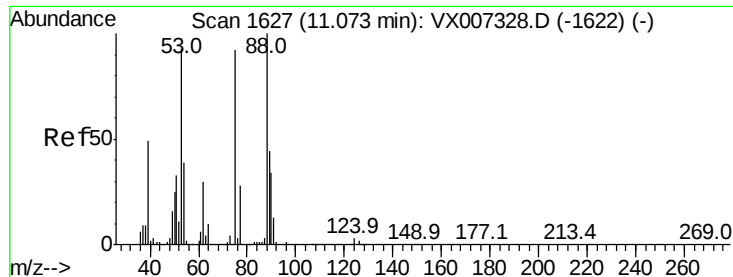
Tgt Ion: 105 Resp: 879044

Ion Ratio Lower Upper

105 100

120 50.7 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.214 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

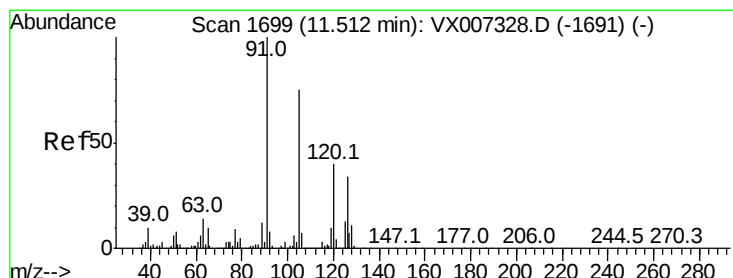
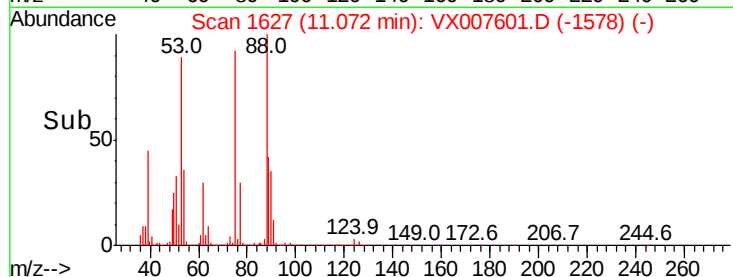
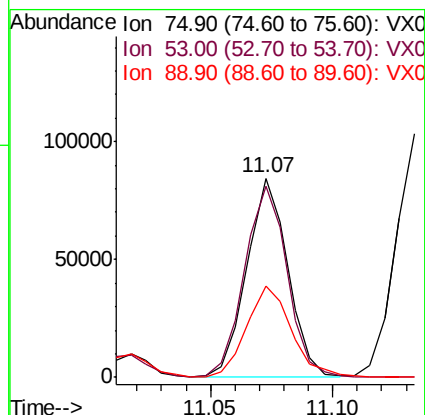
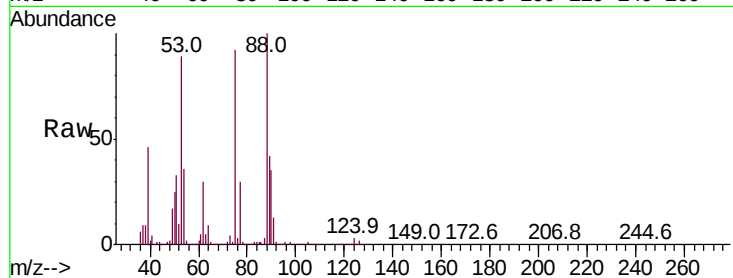
Tot Ion: 75 Resp: 98582

Ion Ratio Lower Upper

75 100

53 100.1 81.0 121.6

89 50.7 41.4 62.0



#82

4-Chlorotoluene

Concen: 51.480 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007601.D

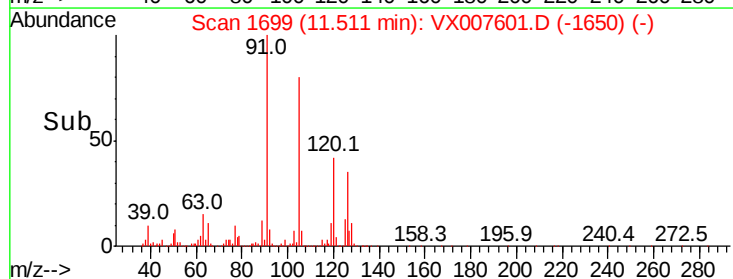
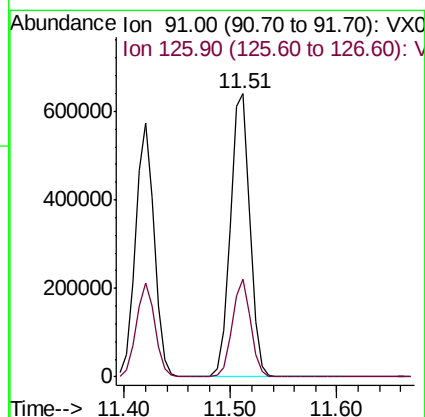
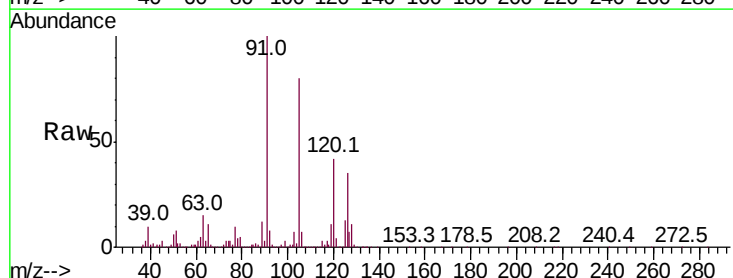
Acq: 19 Feb 2019 09:36

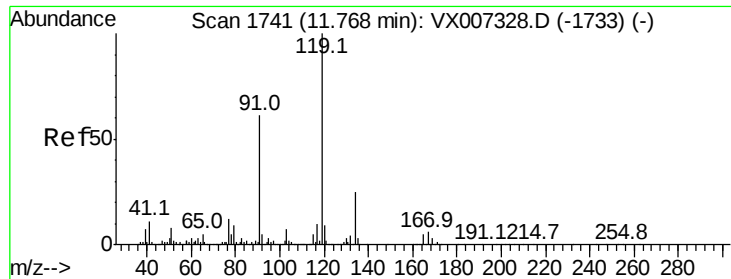
Tgt Ion: 91 Resp: 822051

Ion Ratio Lower Upper

91 100

126 32.6 16.2 48.5

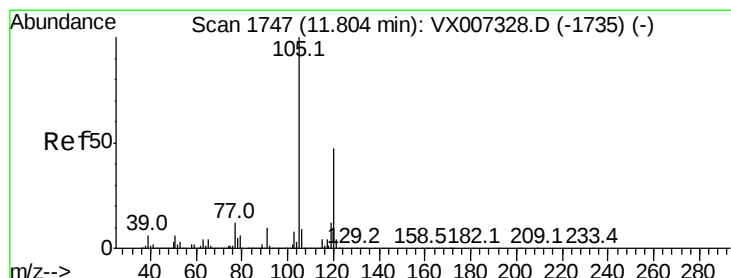
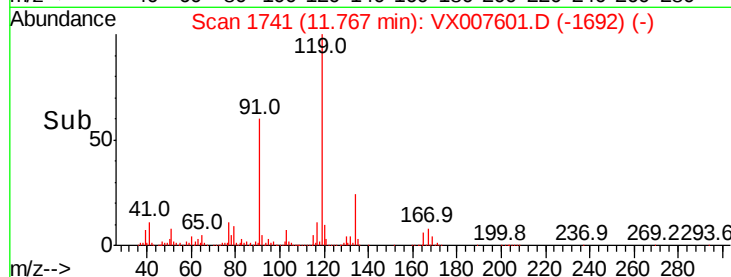
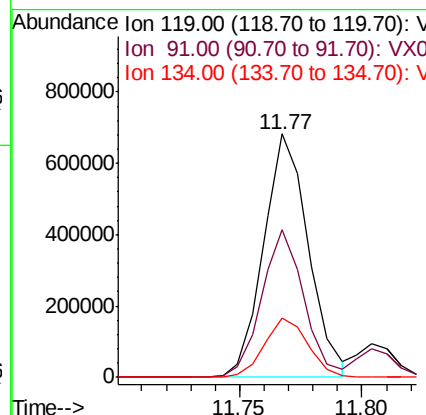
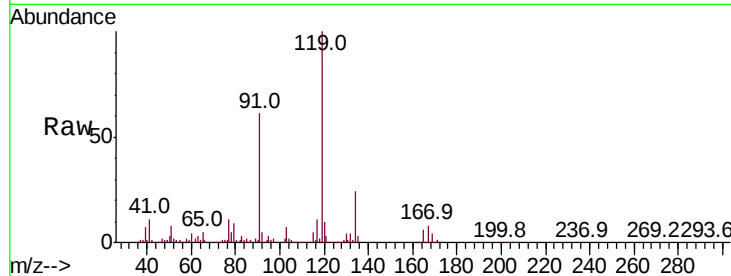




#83
 tert-Butylbenzene
 Concen: 51.979 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007601.D
 Acq: 19 Feb 2019 09:36

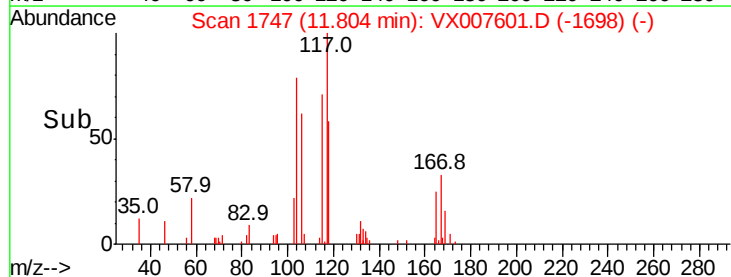
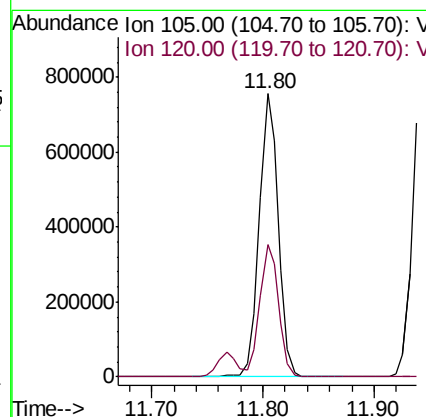
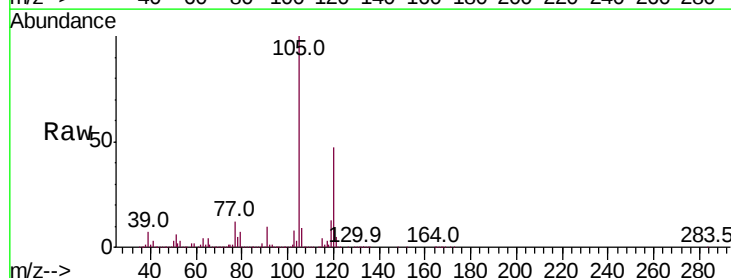
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

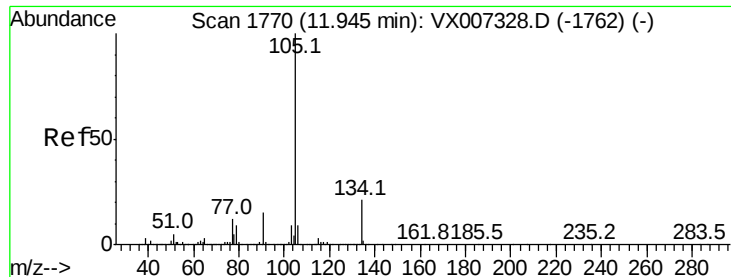
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.0	28.5	85.6
134	23.7	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 52.300 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007601.D
 Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.3





#85

sec-Butylbenzene

Concen: 53.541 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

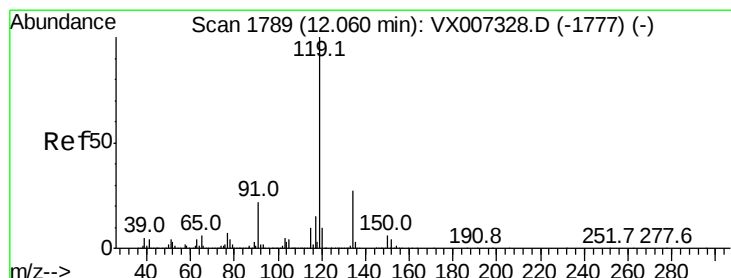
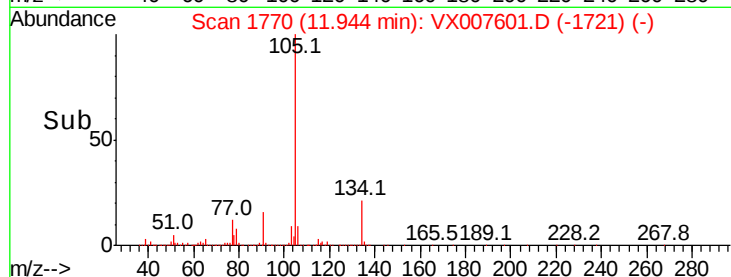
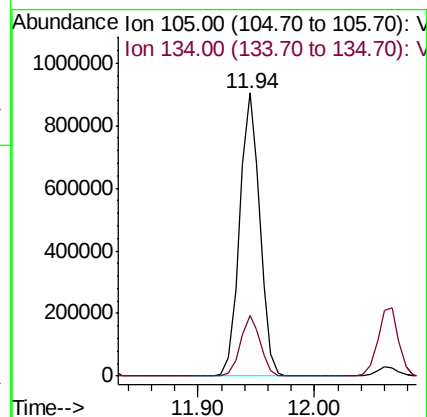
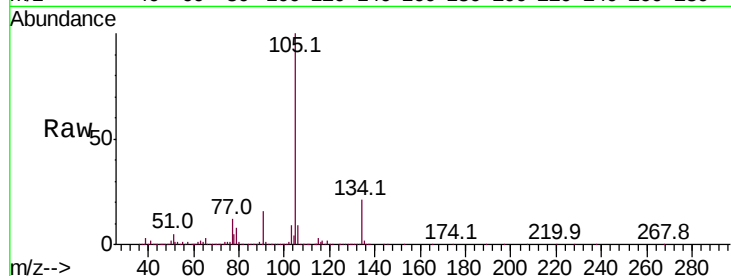
VSTDCCC050

Tot Ion:105 Resp: 1088645

Ion Ratio Lower Upper

105 100

134 21.0 10.6 31.8



#86

p-Isopropyltoluene

Concen: 53.222 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

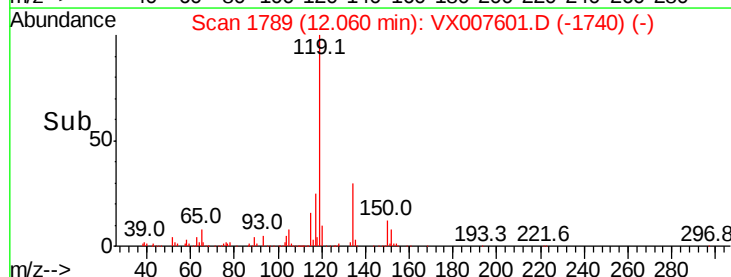
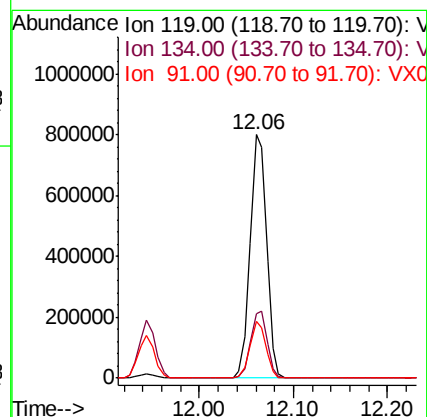
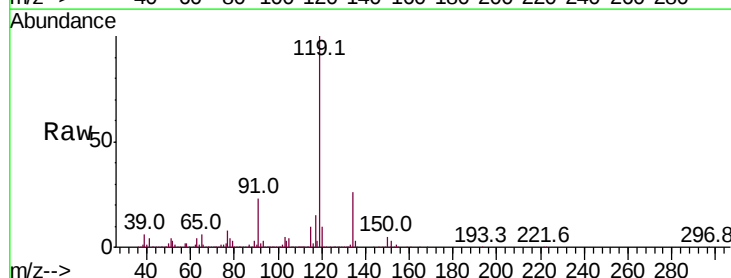
Tgt Ion:119 Resp: 976856

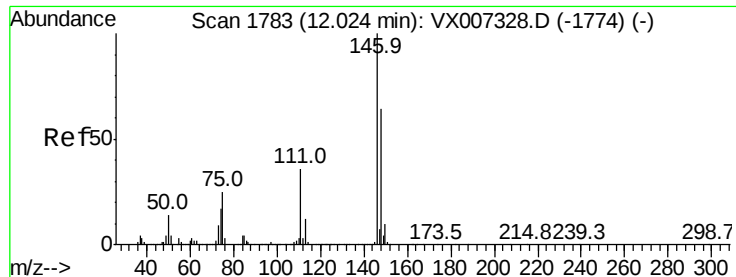
Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.1

91 22.6 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 49.117 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

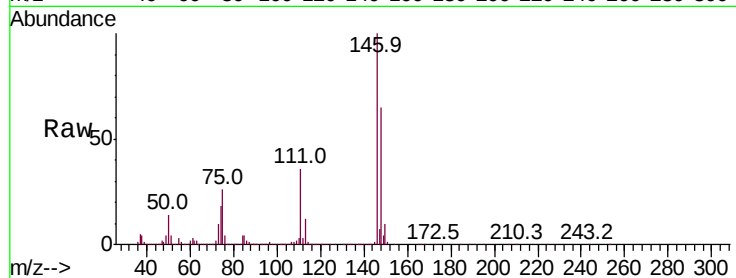
Tot Ion:146 Resp: 515117

Ion Ratio Lower Upper

146 100

111 36.8 18.1 54.1

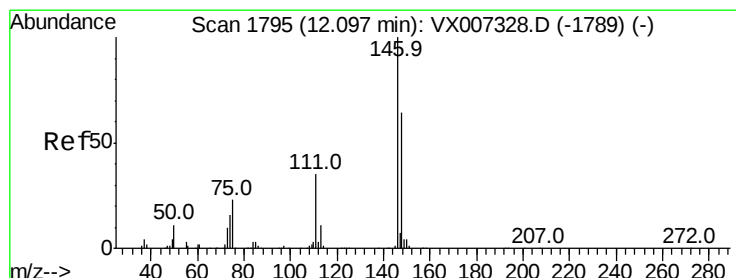
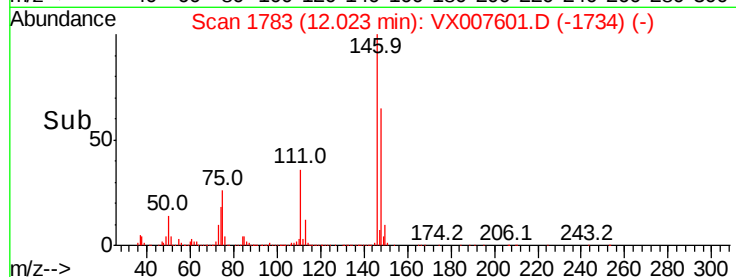
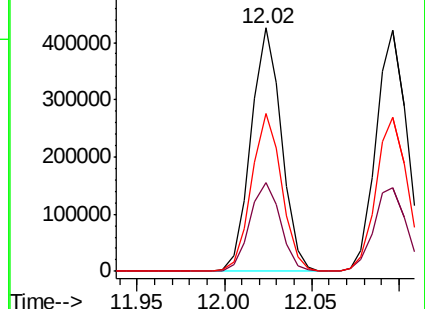
148 64.4 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.655 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

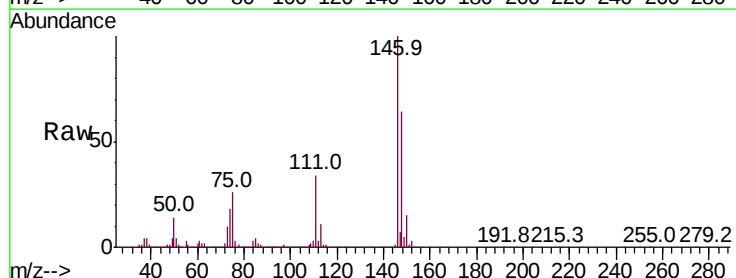
Tgt Ion:146 Resp: 517692

Ion Ratio Lower Upper

146 100

111 36.2 18.1 54.1

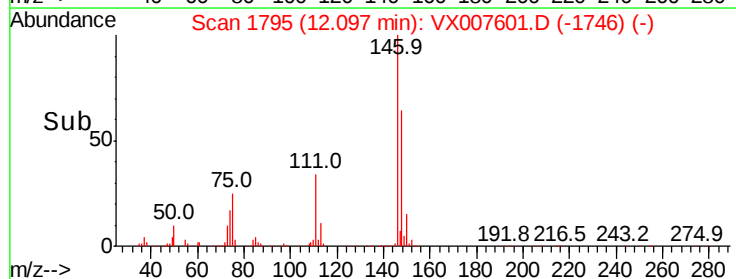
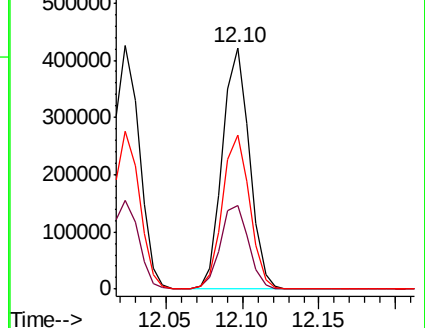
148 64.6 32.3 96.9

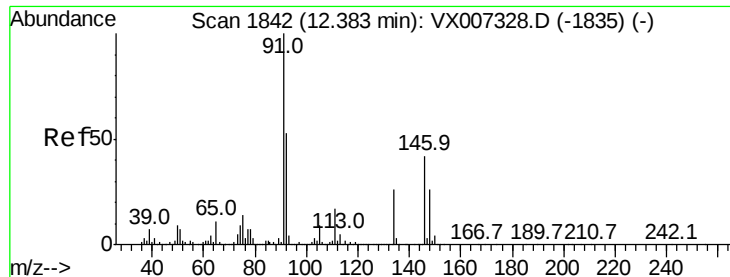


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

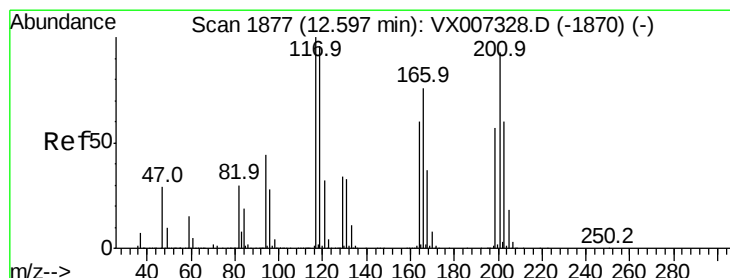
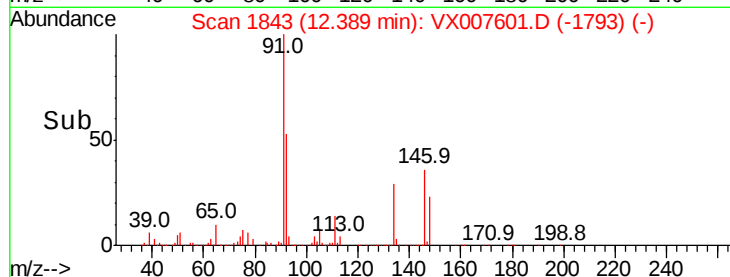
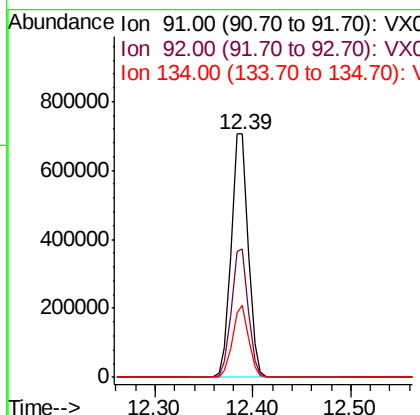
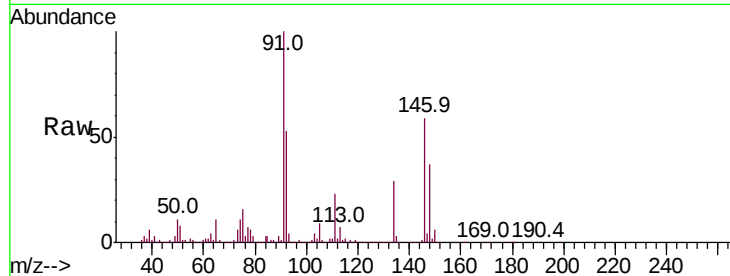




#89
n-Butylbenzene
Concen: 54.151 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

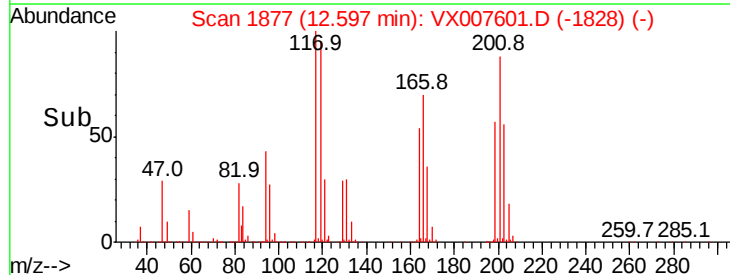
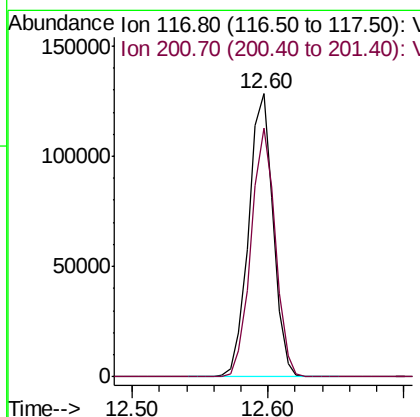
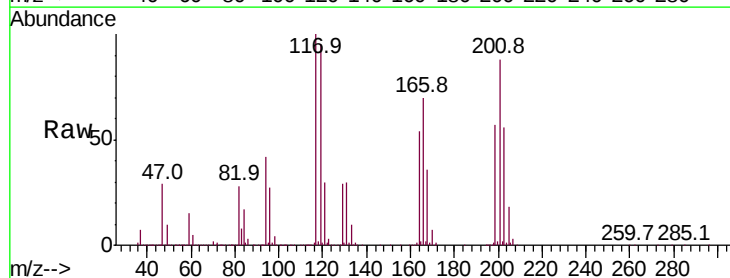
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

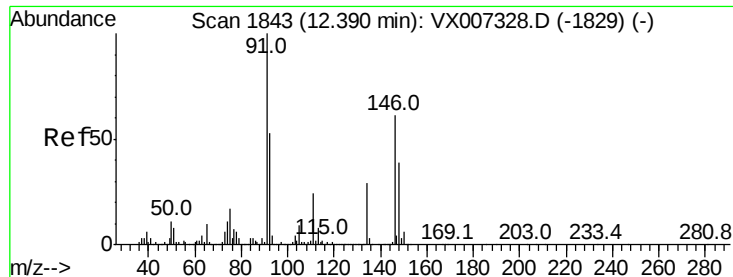
Tot Ion: 91 Resp: 855000
Ion Ratio Lower Upper
91 100
92 52.1 26.3 78.9
134 27.9 13.9 41.6



#90
Hexachloroethane
Concen: 59.087 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007601.D
Acq: 19 Feb 2019 09:36

Tgt Ion: 117 Resp: 162310
Ion Ratio Lower Upper
117 100
201 87.2 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 49.181 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

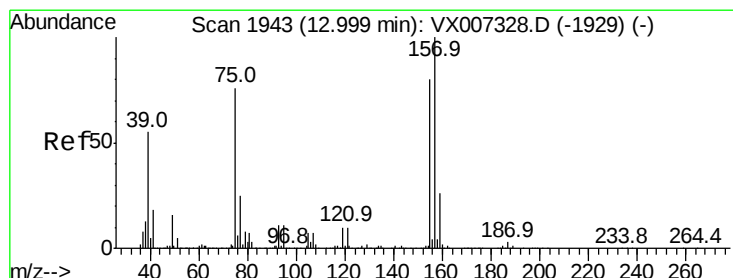
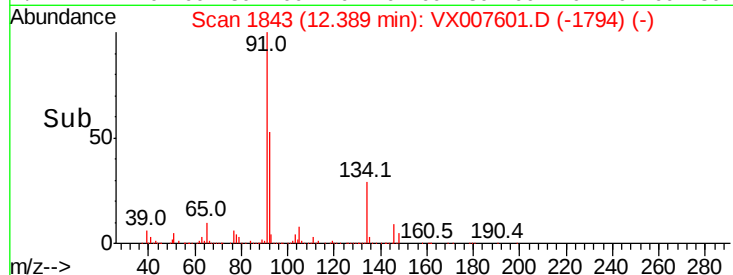
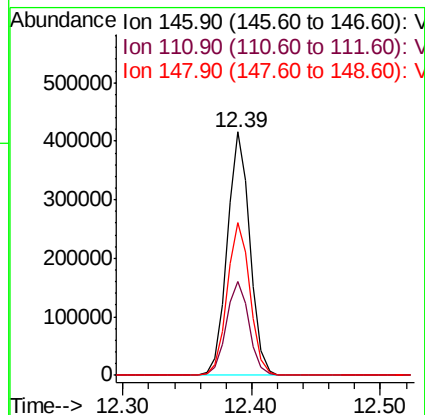
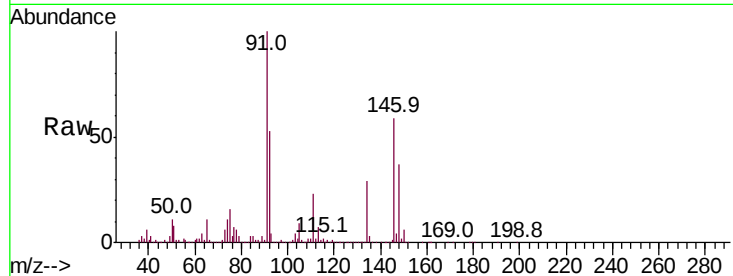
Tot Ion:146 Resp: 513309

Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.3

148 63.4 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.440 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

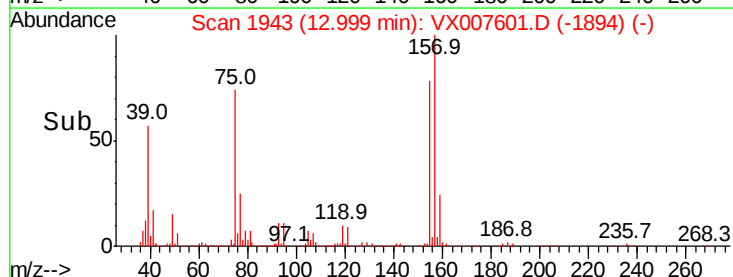
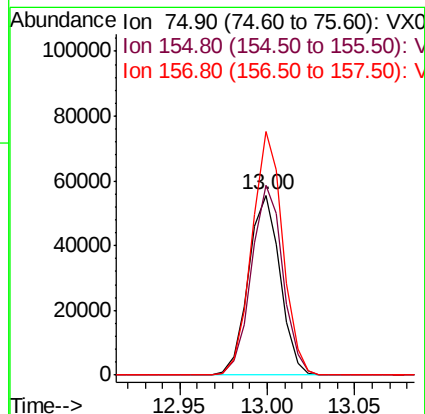
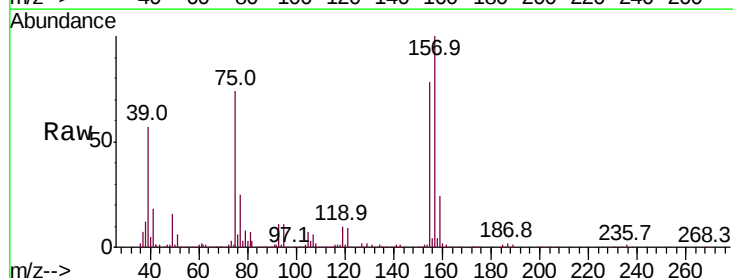
Tgt Ion: 75 Resp: 70236

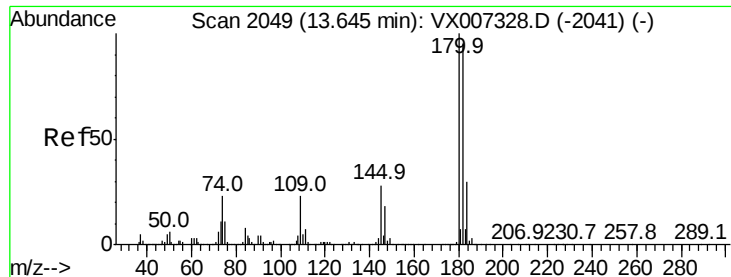
Ion Ratio Lower Upper

75 100

155 104.2 49.6 149.0

157 131.1 65.1 195.3

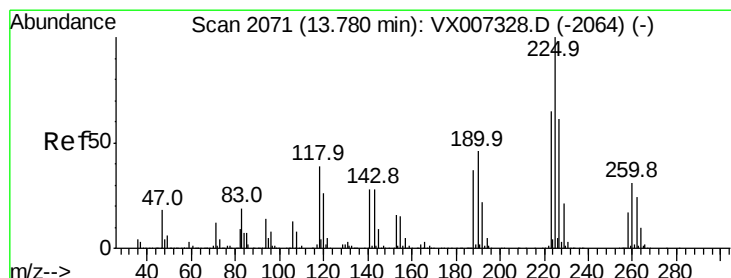
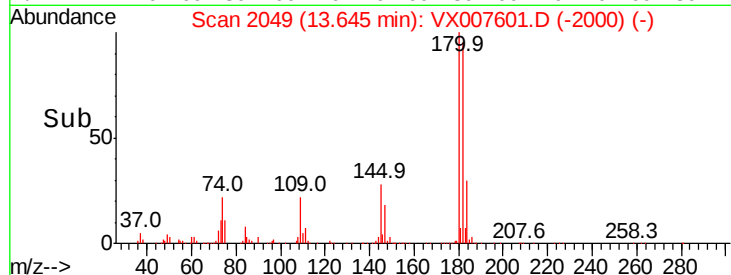
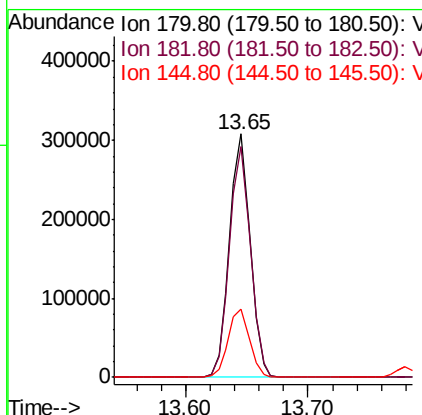
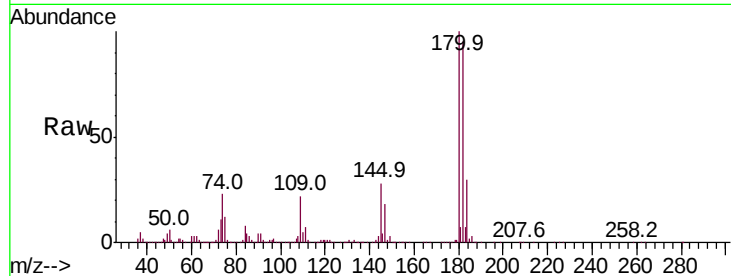




#93
 1,2,4-Trichlorobenzene
 Concen: 51.296 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007601.D
 Acq: 19 Feb 2019 09:36

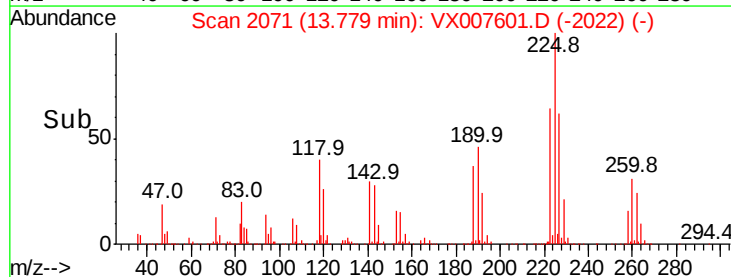
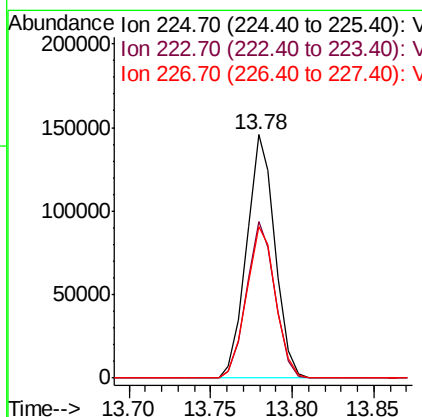
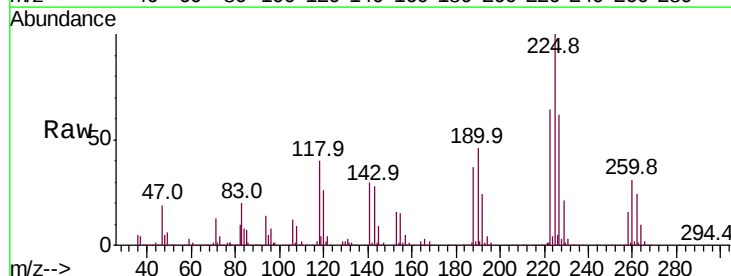
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

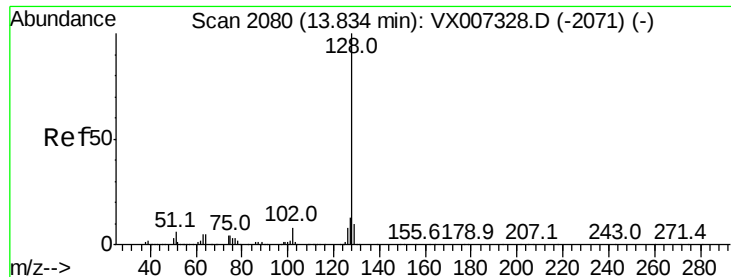
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.8	143.3
145	29.1	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 51.736 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007601.D
 Acq: 19 Feb 2019 09:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.6	94.8
227	63.6	32.1	96.3





#95

Naphthalene

Concen: 52.495 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Instrument :

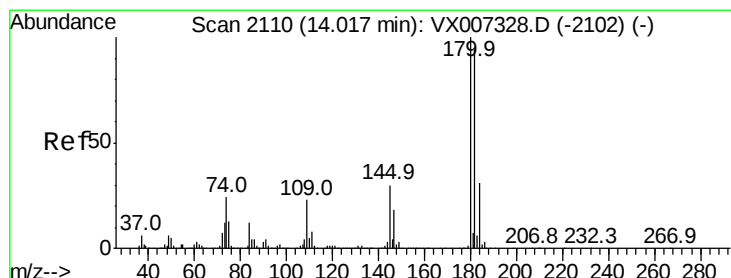
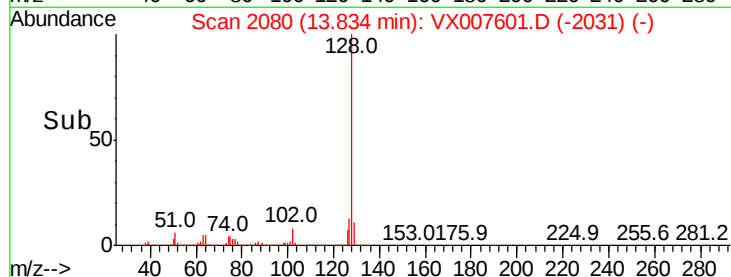
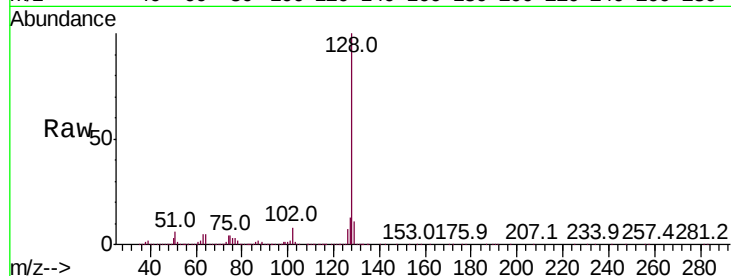
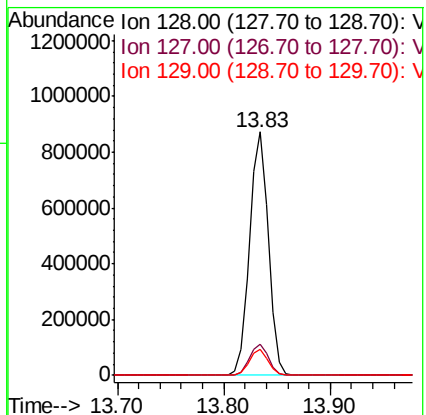
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1080514

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.8	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 50.896 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007601.D

Acq: 19 Feb 2019 09:36

Tgt Ion:180 Resp: 360602

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.5	142.6
145	30.9	14.9	44.5

