

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000943.D
 Acq On : 17 Apr 2018 02:27
 Operator : JC/MD
 Sample : VX0416WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 17 02:46:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	227870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	310303	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201412	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	147070	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	5.51	113	119870	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	8.72	98	445006	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.14	95	181414	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	49704	19.323	ug/l	98
3) Chloromethane	1.32	50	44053	19.975	ug/l	99
4) Vinyl Chloride	1.41	62	50172	20.225	ug/l	99
5) Bromomethane	1.65	94	32766	31.397	ug/l	99
6) Chloroethane	1.73	64	32834	21.838	ug/l	99
7) Trichlorofluoromethane	1.93	101	78186	20.890	ug/l	99
8) Diethyl Ether	2.19	74	30163	21.574	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46776	21.196	ug/l	98
10) Methyl Iodide	2.52	142	29870	22.759	ug/l	98
11) Tert butyl alcohol	3.07	59	47534	93.183	ug/l	99
12) 1,1-Dichloroethene	2.38	96	42255	20.204	ug/l	98
13) Acrolein	2.30	56	10218	41.247	ug/l	99
14) Allyl chloride	2.73	41	76765	19.850	ug/l	99
15) Acrylonitrile	3.15	53	125177	115.098	ug/l	99
16) Acetone	2.45	43	101393	102.333	ug/l	98
17) Carbon Disulfide	2.57	76	101751	16.067	ug/l	100
18) Methyl Acetate	2.78	43	64417	25.123	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	155422	22.311	ug/l	99
20) Methylene Chloride	2.86	84	48580	21.080	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	46376	20.109	ug/l	97
22) Diisopropyl ether	3.88	45	160977	22.650	ug/l	99
23) Vinyl Acetate	3.83	43	674264	108.058	ug/l	98
24) 1,1-Dichloroethane	3.70	63	87953	22.055	ug/l	98
25) 2-Butanone	4.71	43	175030	106.973	ug/l	98
26) 2,2-Dichloropropane	4.59	77	61088	15.433	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	55315	21.135	ug/l	97
28) Bromochloromethane	5.03	49	30874	19.226	ug/l	98
29) Tetrahydrofuran	5.17	42	113815	109.553	ug/l	99
30) Chloroform	5.23	83	93140	22.059	ug/l	99
31) Cyclohexane	5.58	56	74224	19.598	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	81178	20.181	ug/l	99
36) 1,1-Dichloropropene	5.81	75	67813	19.843	ug/l	99
37) Ethyl Acetate	4.87	43	71612	21.465	ug/l	99
38) Carbon Tetrachloride	5.79	117	69576	18.190	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	75285	18.345	ug/l	99
40) Benzene	6.15	78	197423	20.791	ug/l	100
41) Methacrylonitrile	5.07	41	41359	21.458	ug/l	98
42) 1,2-Dichloroethane	6.21	62	77551	21.867	ug/l	99
43) Isopropyl Acetate	6.47	43	118308	20.684	ug/l	99
44) Trichloroethene	7.22	130	60111	20.355	ug/l	97
45) 1,2-Dichloropropane	7.52	63	51697	21.380	ug/l	100
46) Dibromomethane	7.67	93	35565	21.097	ug/l	98
47) Bromodichloromethane	7.90	83	65985	19.394	ug/l	95
48) Methyl methacrylate	7.79	41	62006	20.914	ug/l	99
49) 1,4-Dioxane	7.76	88	18620	312.515	ug/l	94
51) 4-Methyl-2-Pentanone	8.66	43	366366	109.043	ug/l	99
52) Toluene	8.79	92	130512	20.717	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	77348	18.953	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	71700	18.042	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	53888	21.548	ug/l	98
56) Ethyl methacrylate	9.19	69	79966	20.728	ug/l	99
57) 1,3-Dichloropropane	9.38	76	88008	22.135	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	199363	110.604	ug/l	99
59) 2-Hexanone	9.51	43	271792	104.785	ug/l	99
60) Dibromochloromethane	9.59	129	55420	18.520	ug/l	100
61) 1,2-Dibromoethane	9.68	107	56720	21.379	ug/l	99
64) Tetrachloroethene	9.34	164	63066	21.836	ug/l	99
65) Chlorobenzene	10.15	112	155661	20.949	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	54655	19.542	ug/l	99
67) Ethyl Benzene	10.26	91	253535	20.465	ug/l	100
68) m/p-Xylenes	10.37	106	197772	40.445	ug/l	98
69) o-Xylene	10.71	106	96544	20.485	ug/l	99
70) Styrene	10.72	104	163492	20.577	ug/l	100
71) Bromoform	10.87	173	43919	16.960	ug/l #	100
73) Isopropylbenzene	11.02	105	263010	20.584	ug/l	100
74) N-amyl acetate	6.47	43	118308	20.561	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	77909	21.010	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	83960	24.171	ug/l	86
77) Bromobenzene	11.26	156	76242	20.361	ug/l	98
78) n-propylbenzene	11.37	91	298282	20.409	ug/l	99
79) 2-Chlorotoluene	11.43	91	177442	20.542	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	221607	20.166	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	17525	13.878	ug/l #	83
82) 4-Chlorotoluene	11.52	91	213701	20.496	ug/l	100
83) tert-Butylbenzene	11.77	119	226410	20.139	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	230242	20.296	ug/l	99
85) sec-Butylbenzene	11.95	105	264279	19.927	ug/l	99
86) p-Isopropyltoluene	12.07	119	244155	19.741	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	140515	20.273	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	146116	20.571	ug/l	98
89) n-Butylbenzene	12.40	91	208042	19.058	ug/l	100
90) Hexachloroethane	12.60	117	33515	16.015	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	138892	20.758	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15767	16.970	ug/l	97

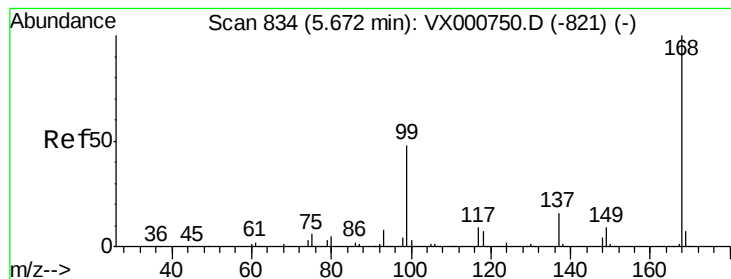
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
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Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112775	19.752	ug/l	100
94) Hexachlorobutadiene	13.79	225	47892	17.059	ug/l	100
95) Naphthalene	13.84	128	296639	20.241	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	109995	19.835	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Instrument :

MSVOA_X

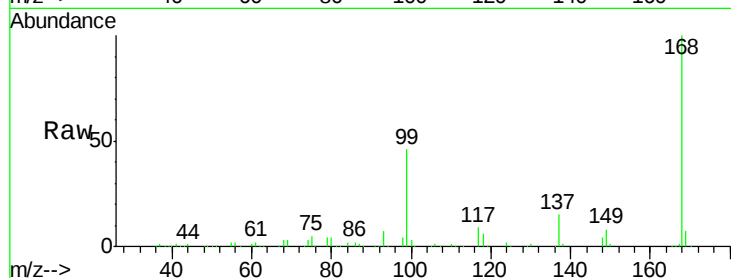
ClientSampleId :

Tot Ion:168 Resp: 227870

Ion Ratio Lower Upper

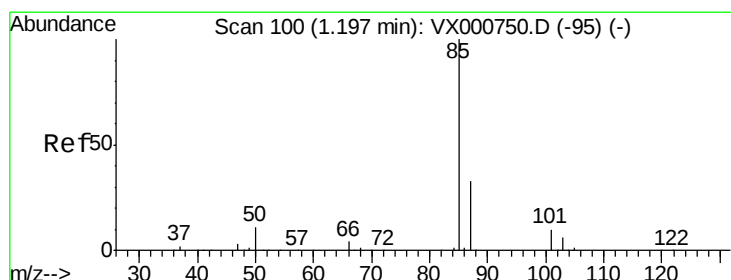
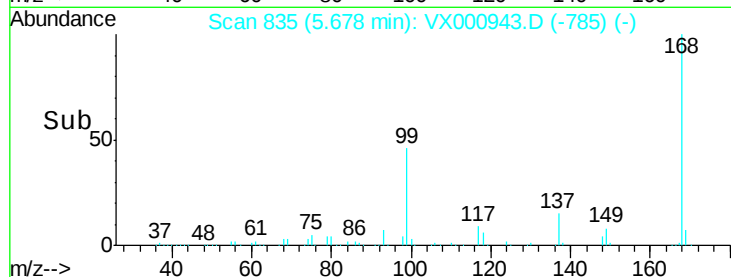
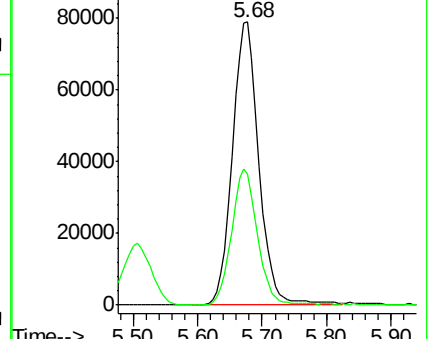
168 100

99 46.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.323 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000943.D

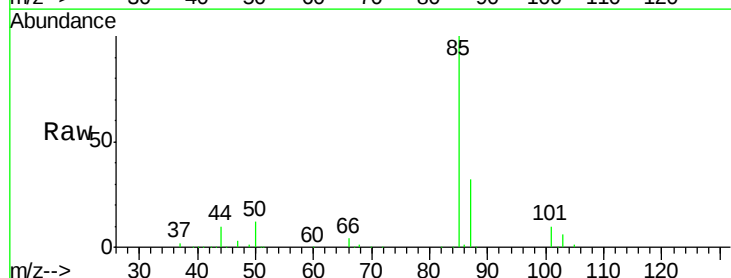
Acq: 17 Apr 2018 02:27

Tgt Ion: 85 Resp: 49704

Ion Ratio Lower Upper

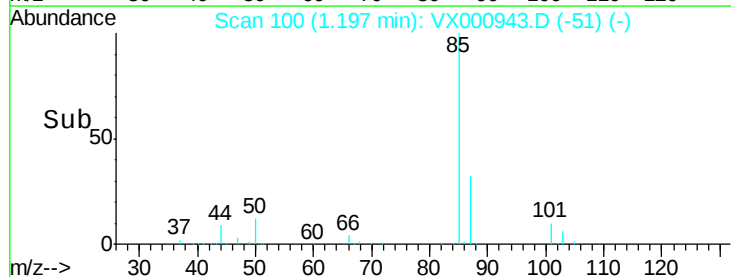
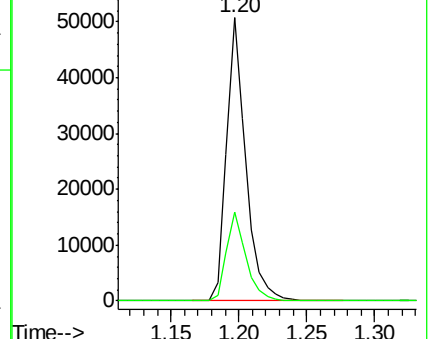
85 100

87 31.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

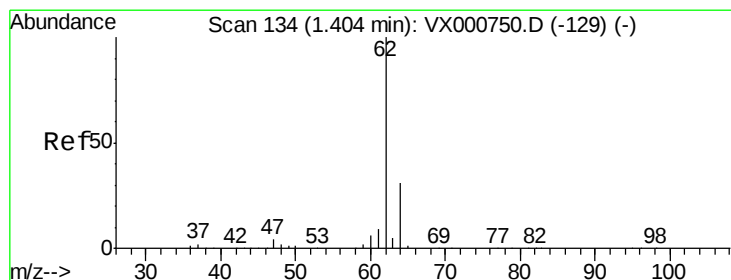
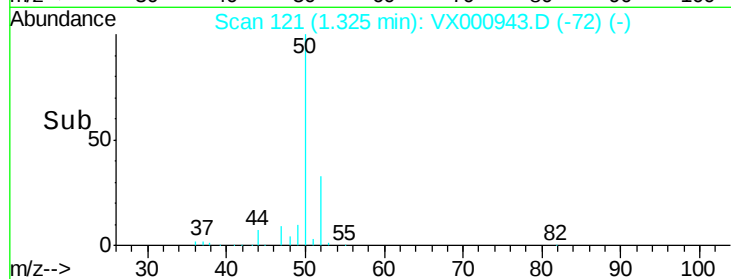
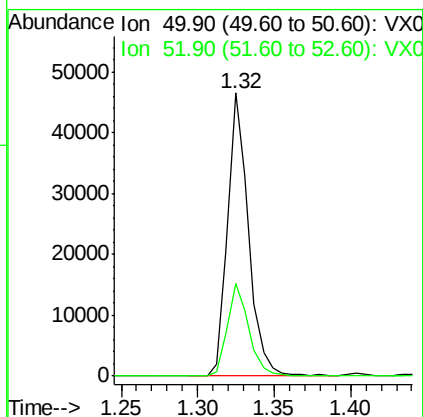
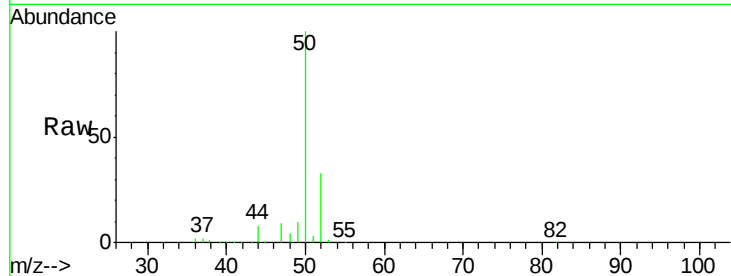




#3
Chloromethane
Concen: 19.975 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

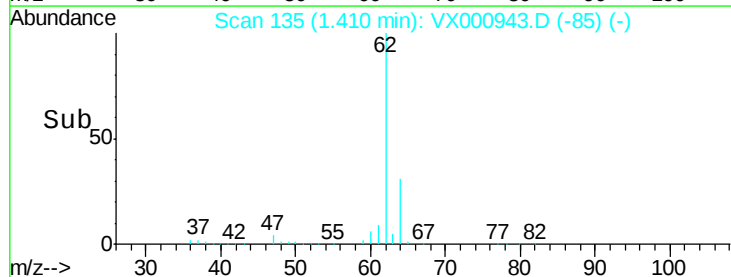
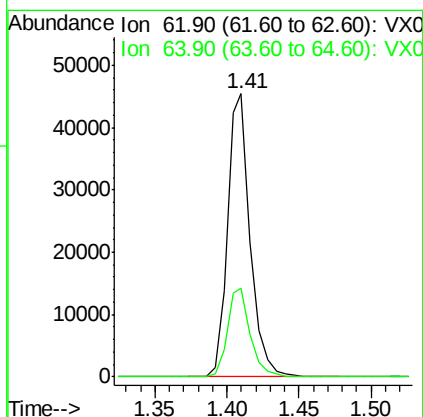
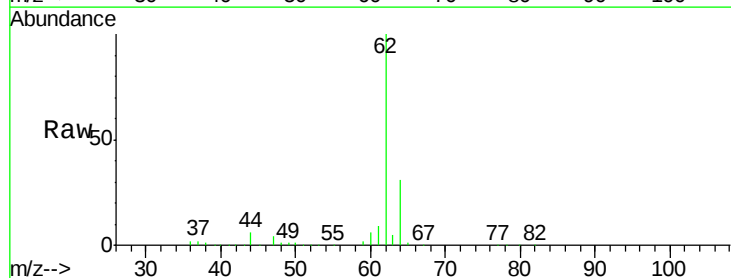
Instrument :
MSVOA_X
ClientSampleId :

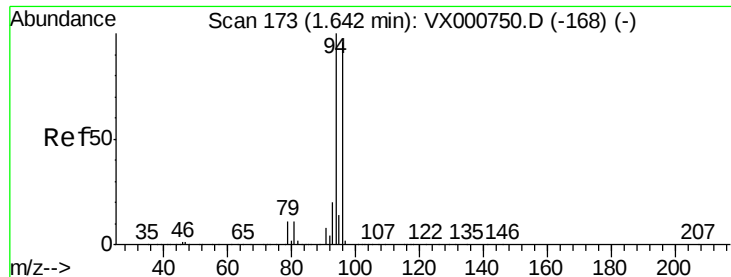
Tot Ion: 50 Resp: 44053
Ion Ratio Lower Upper
50 100
52 32.7 25.8 38.8



#4
Vinyl Chloride
Concen: 20.225 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

Tgt Ion: 62 Resp: 50172
Ion Ratio Lower Upper
62 100
64 31.3 24.6 36.8





#5

Bromomethane

Concen: 31.397 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Instrument :

MSVOA_X

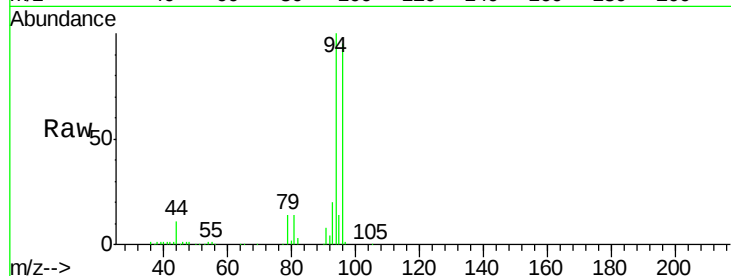
ClientSampled :

Tot Ion: 94 Resp: 32766

Ion Ratio Lower Upper

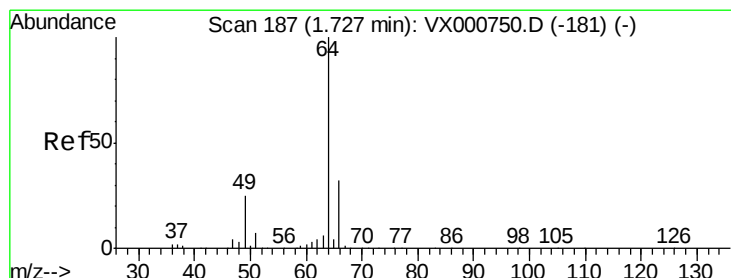
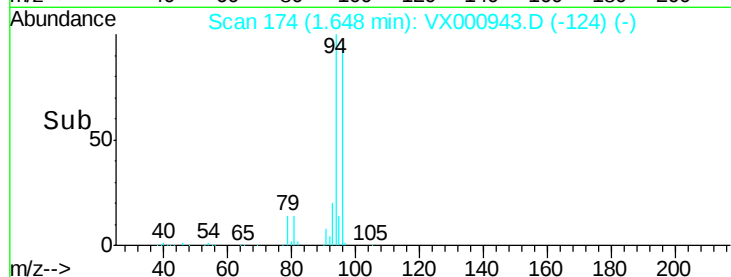
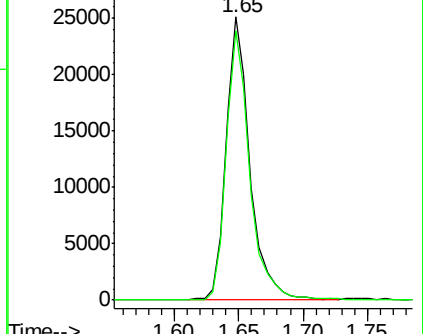
94 100

96 95.3 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.838 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000943.D

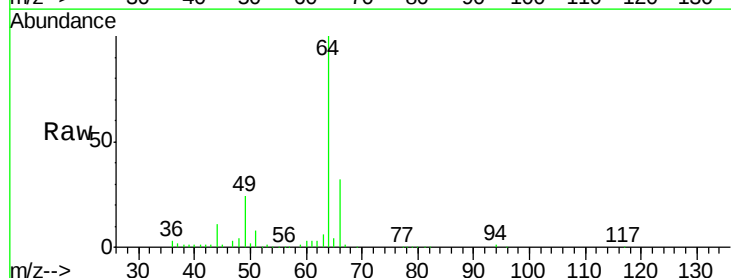
Acq: 17 Apr 2018 02:27

Tgt Ion: 64 Resp: 32834

Ion Ratio Lower Upper

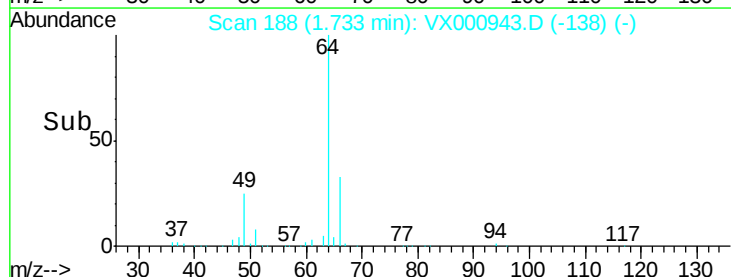
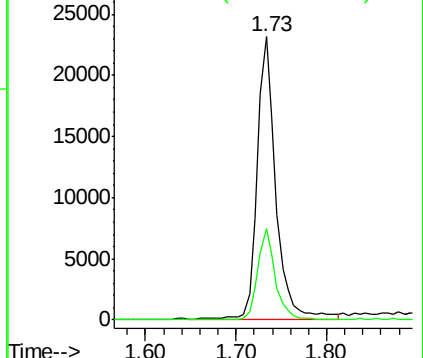
64 100

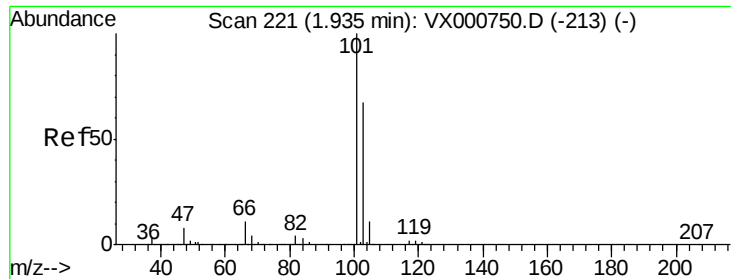
66 32.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



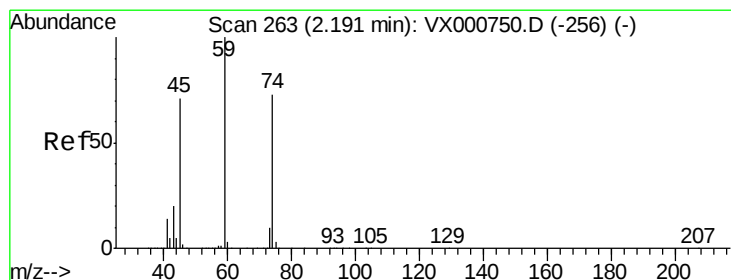
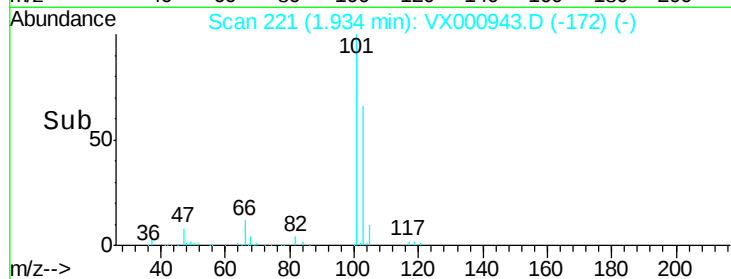
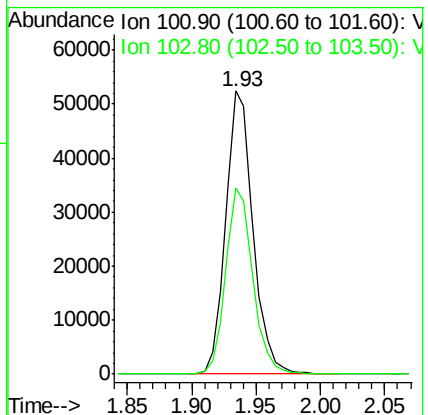
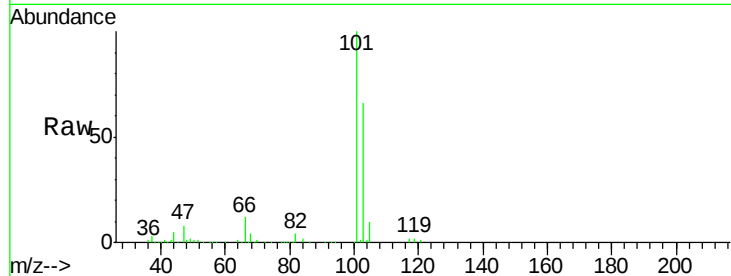


#7

Trichlorofluoromethane
 Concen: 20.890 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000943.D
 Acq: 17 Apr 2018 02:27

Instrument :
 MSVOA_X
 ClientSampleId :

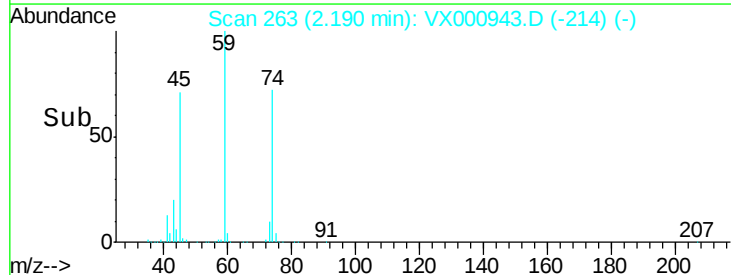
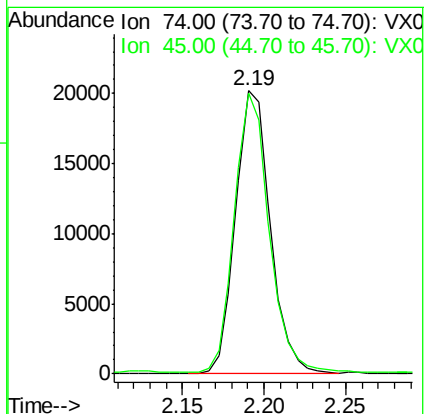
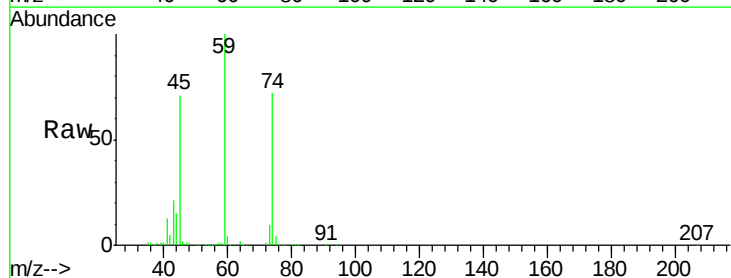
Tot Ion:101 Resp: 78186
 Ion Ratio Lower Upper
 101 100
 103 65.8 53.2 79.8

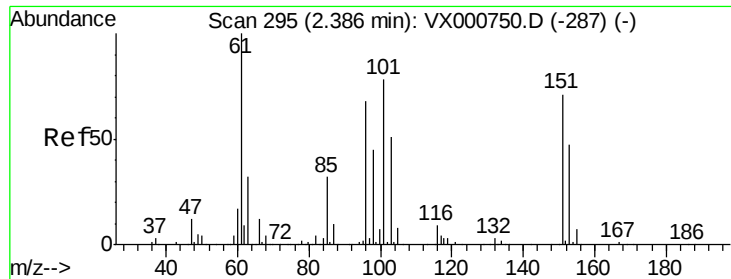


#8

Diethyl Ether
 Concen: 21.574 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000943.D
 Acq: 17 Apr 2018 02:27

Tgt Ion: 74 Resp: 30163
 Ion Ratio Lower Upper
 74 100
 45 98.0 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.196 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

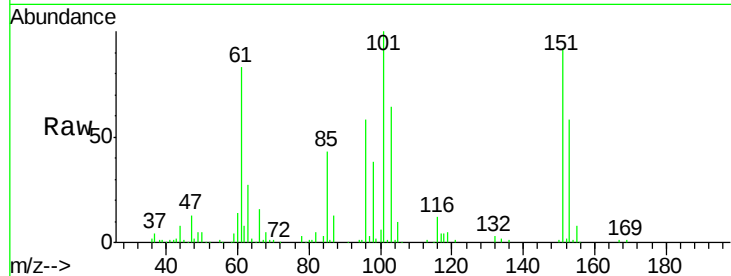
Tot Ion:101 Resp: 46776

Ion Ratio Lower Upper

101 100

85 42.1 34.0 51.0

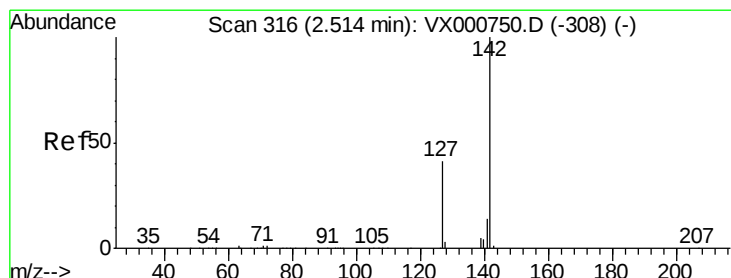
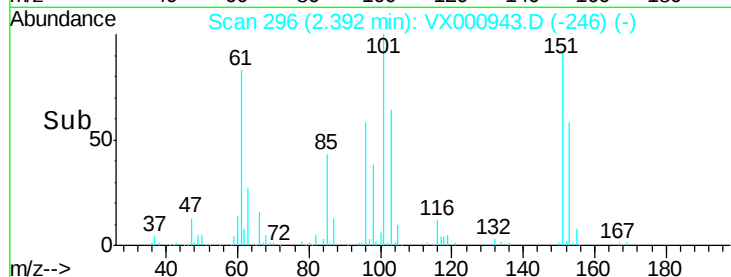
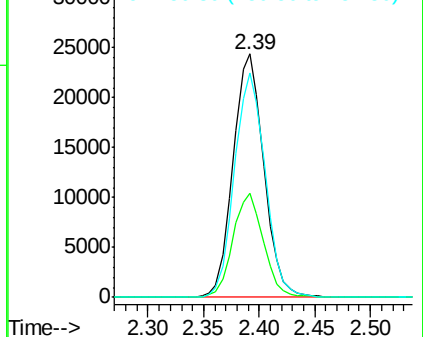
151 91.9 75.8 113.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.759 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

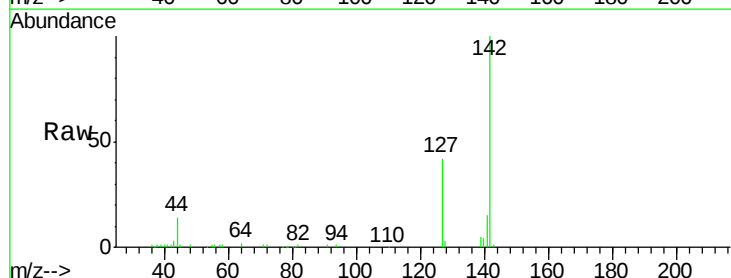
Tgt Ion:142 Resp: 29870

Ion Ratio Lower Upper

142 100

127 42.6 32.6 49.0

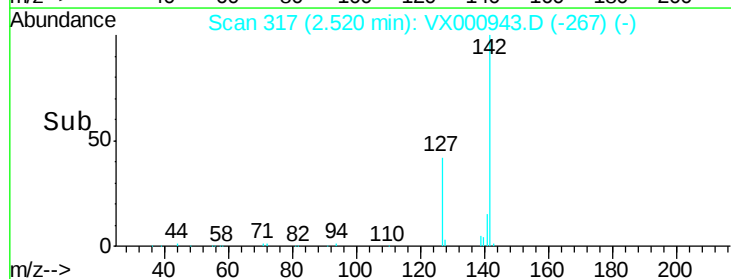
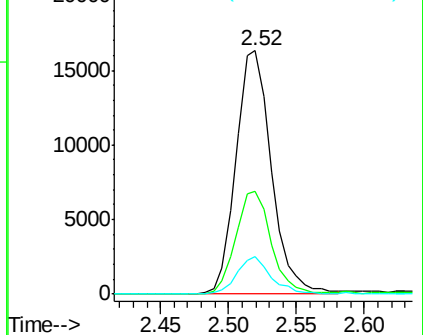
141 14.7 11.5 17.3

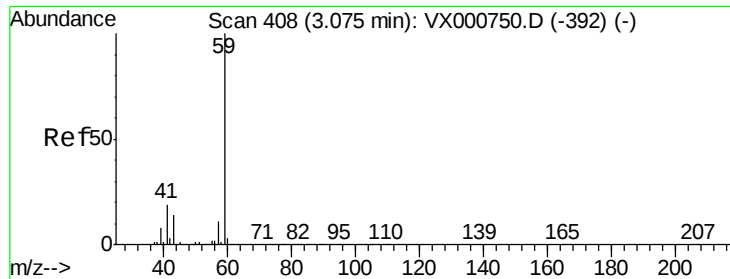


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

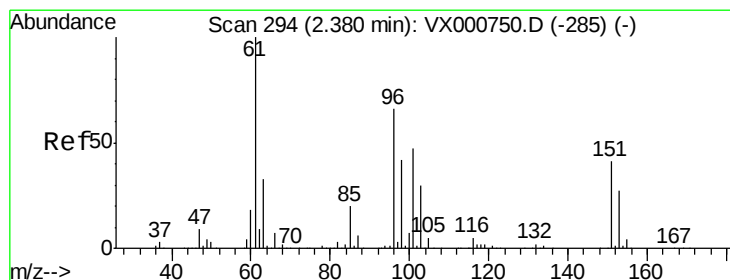
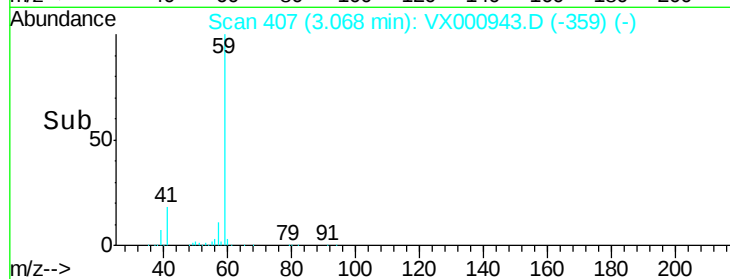
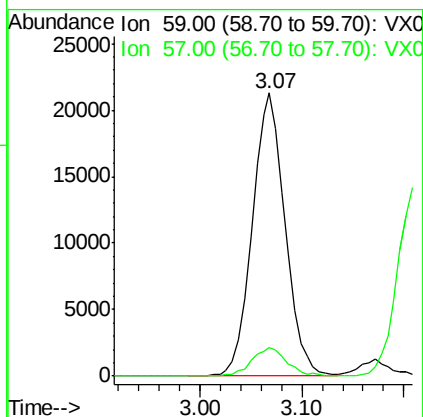
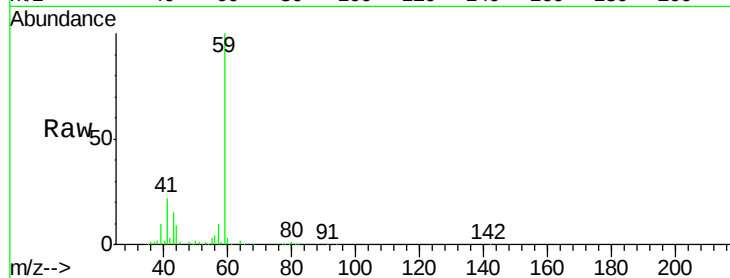




#11
Tert butyl alcohol
Concen: 93.183 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

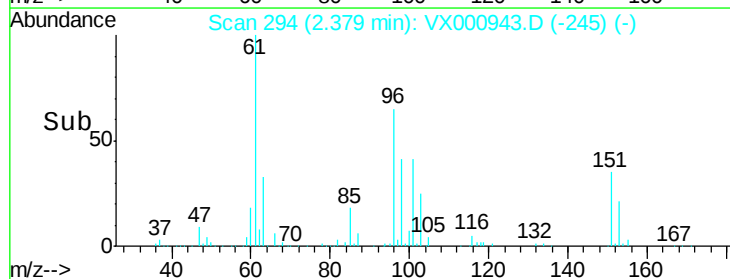
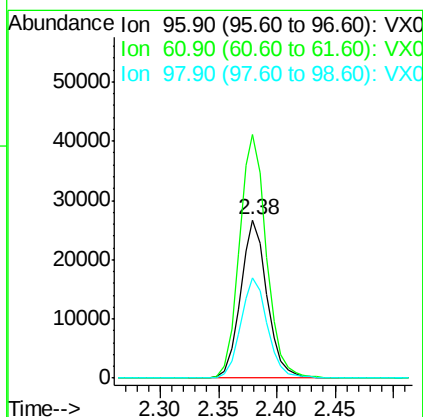
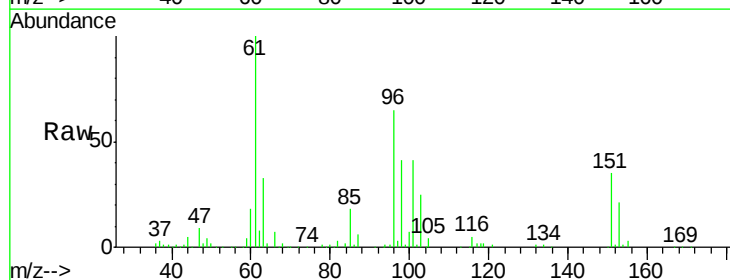
Instrument :
MSVOA_X
ClientSampleId :

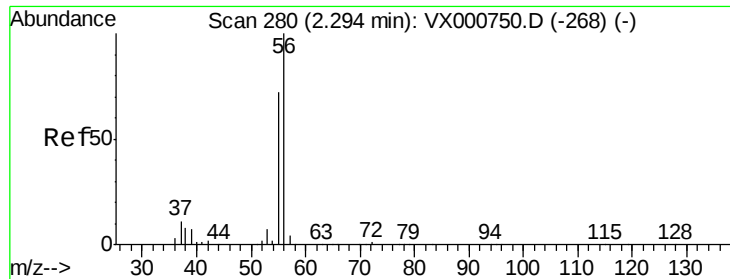
Tot Ion: 59 Resp: 47534
Ion Ratio Lower Upper
59 100
57 10.9 8.4 12.6



#12
1,1-Dichloroethene
Concen: 20.204 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

Tgt Ion: 96 Resp: 42255
Ion Ratio Lower Upper
96 100
61 153.9 120.5 180.7
98 63.1 50.9 76.3





#13

Acrolein

Concen: 41.247 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Instrument :

MSVOA_X

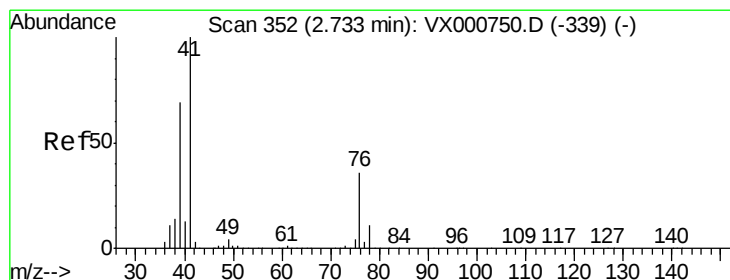
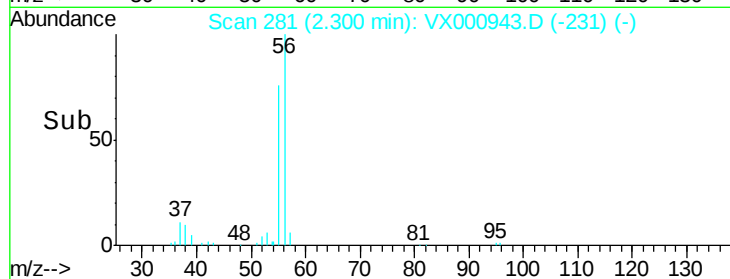
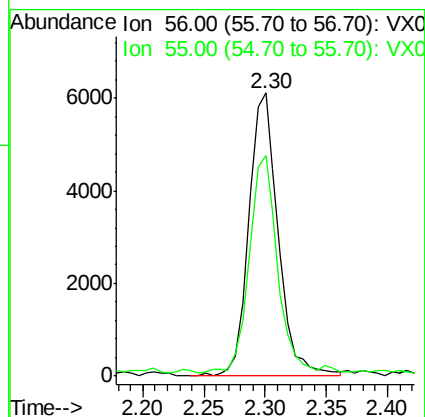
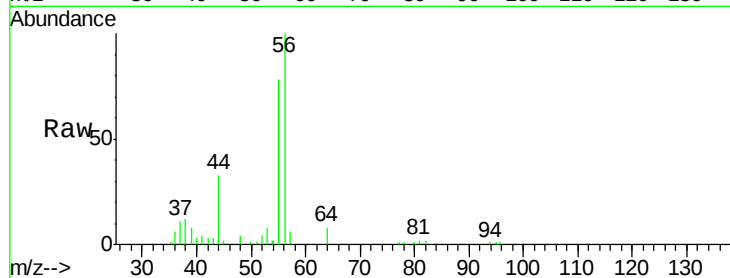
ClientSampleId :

Tot Ion: 56 Resp: 10218

Ion Ratio Lower Upper

56 100

55 72.8 58.7 88.1



#14

Allyl chloride

Concen: 19.850 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

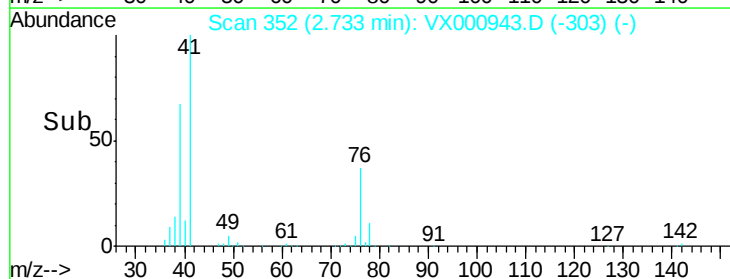
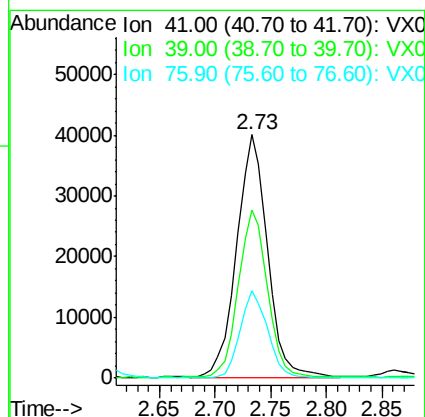
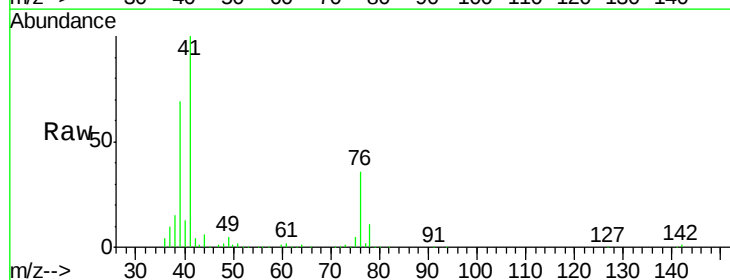
Tgt Ion: 41 Resp: 76765

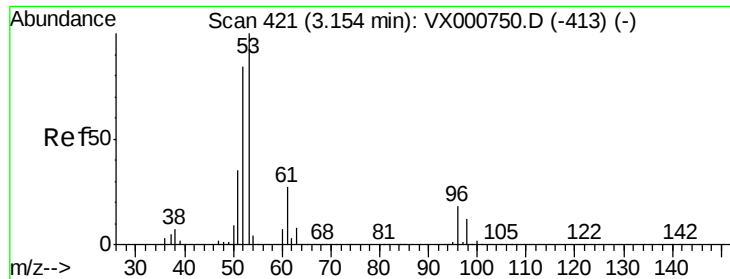
Ion Ratio Lower Upper

41 100

39 64.8 51.5 77.3

76 32.5 26.5 39.7





#15

Acrylonitrile

Concen: 115.098 ug/l

RT: 3.15 min Scan# 421

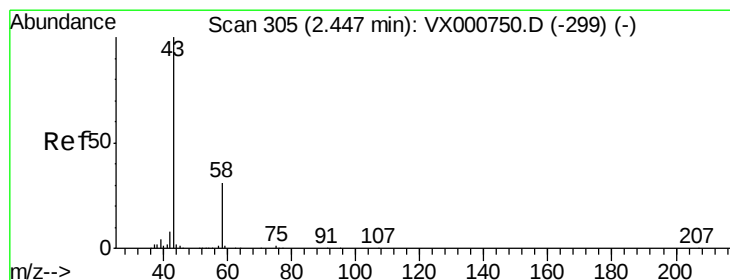
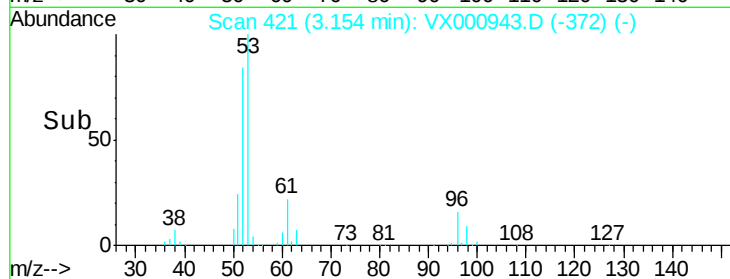
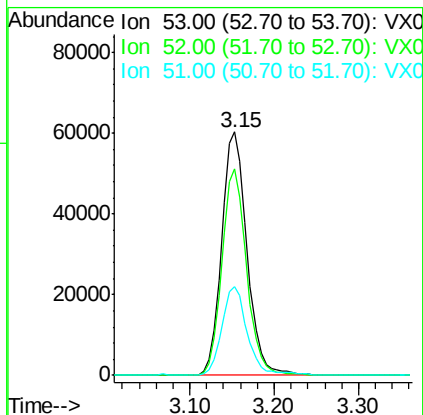
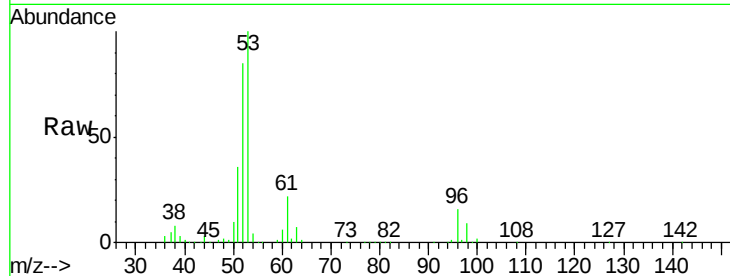
Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	125177
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.5	99.7
51	36.4	28.8	43.2



#16

Acetone

Concen: 102.333 ug/l

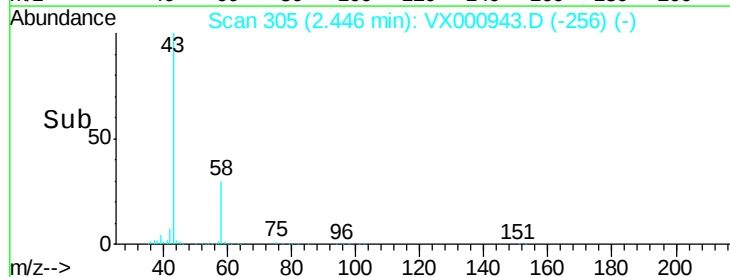
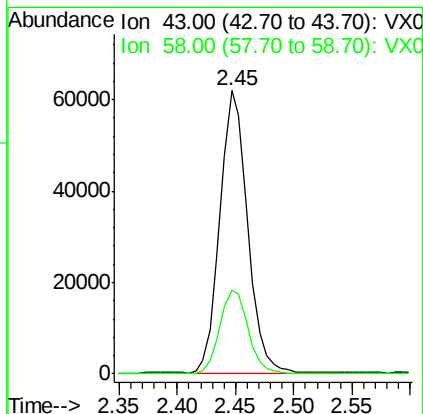
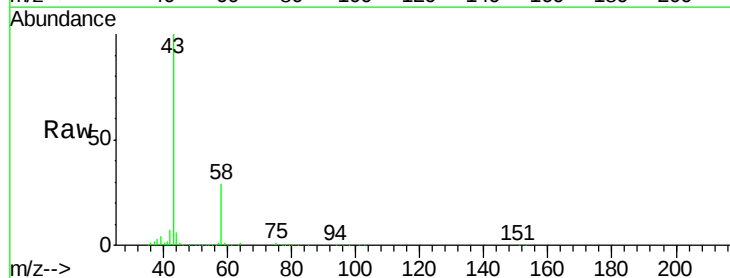
RT: 2.45 min Scan# 305

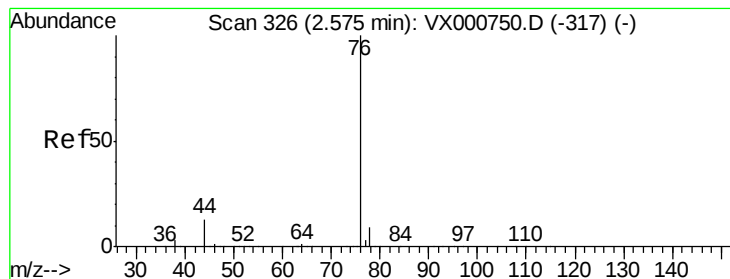
Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Tgt Ion:	43	Resp:	101393
Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.6	37.0





#17

Carbon Disulfide

Concen: 16.067 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Instrument :

MSVOA_X

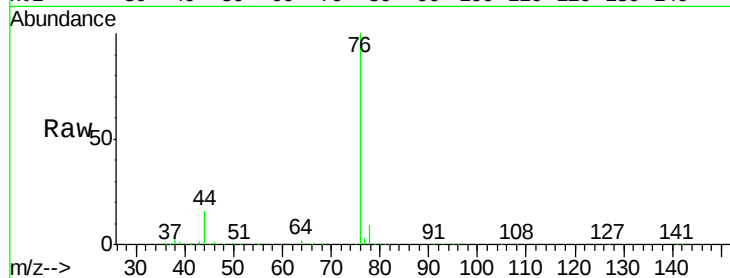
ClientSampleId :

Tot Ion: 76 Resp: 101751

Ion Ratio Lower Upper

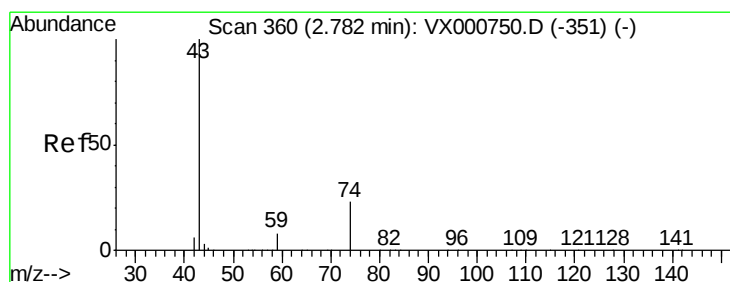
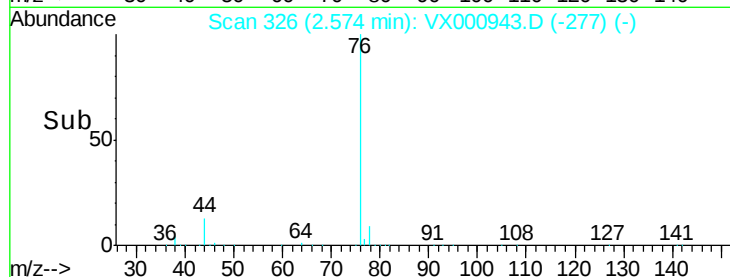
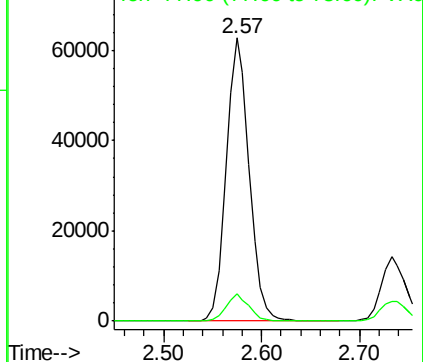
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 25.123 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000943.D

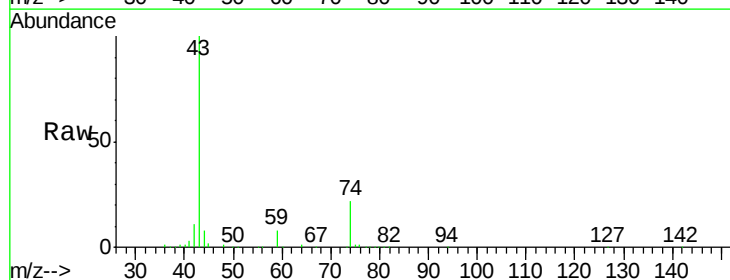
Acq: 17 Apr 2018 02:27

Tgt Ion: 43 Resp: 64417

Ion Ratio Lower Upper

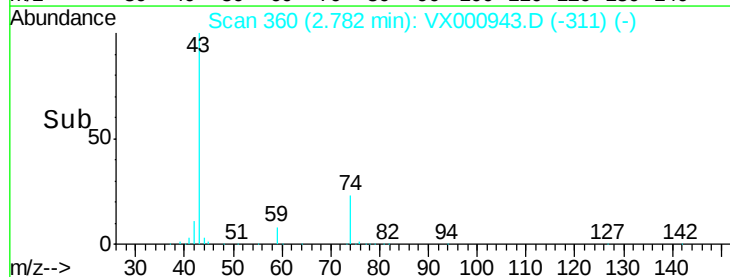
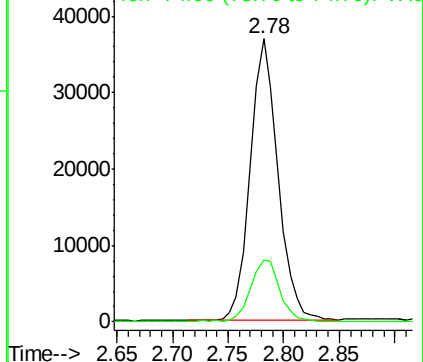
43 100

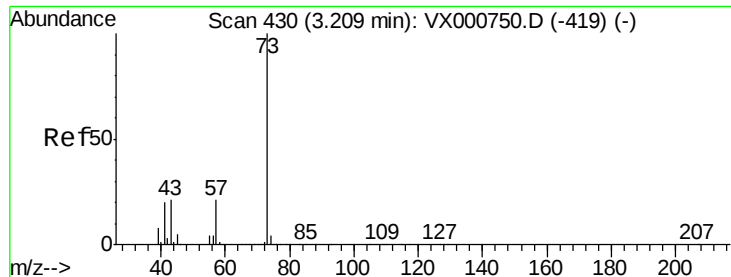
74 23.5 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



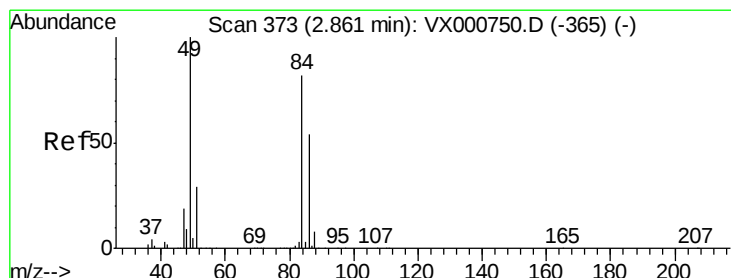
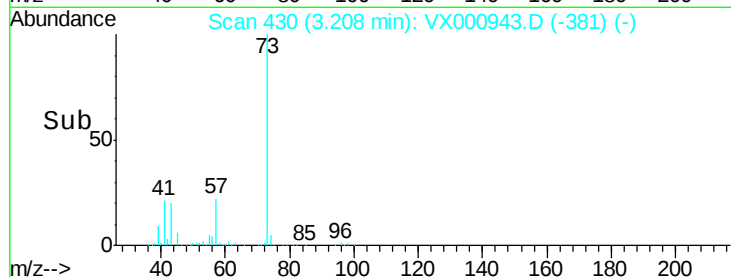
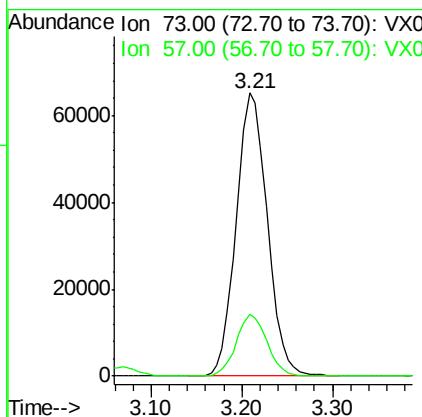
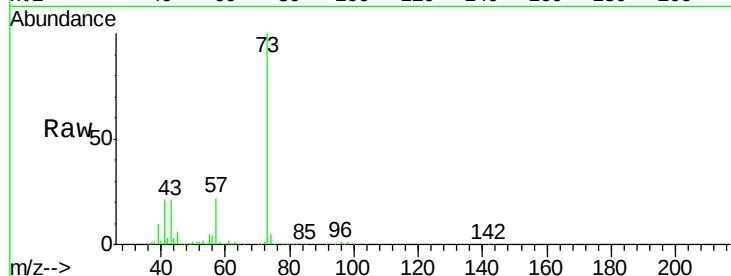


#19

Methyl tert-butyl Ether
 Concen: 22.311 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX000943.D
 Acq: 17 Apr 2018 02:27

Instrument :
 MSVOA_X
 ClientSampleId :

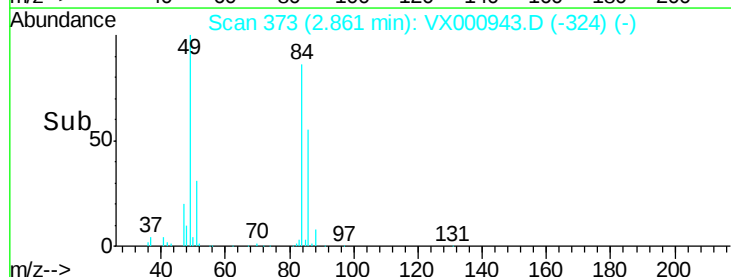
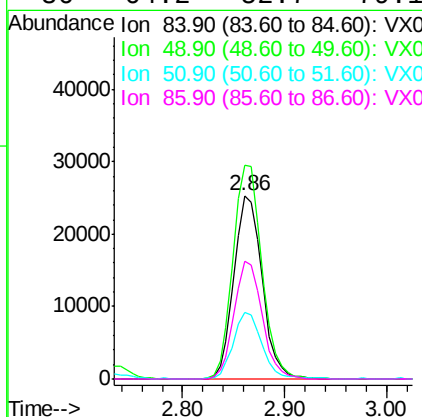
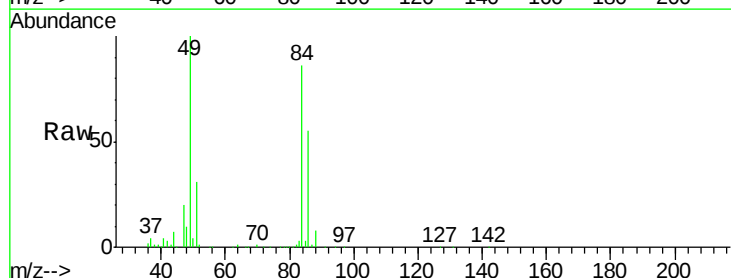
Tot Ion: 73 Resp: 155422
 Ion Ratio Lower Upper
 73 100
 57 21.7 16.9 25.3

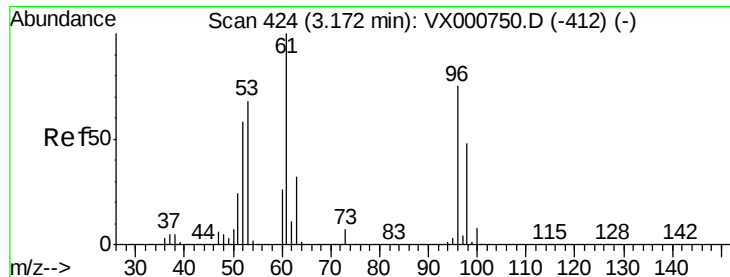


#20

Methylene Chloride
 Concen: 21.080 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX000943.D
 Acq: 17 Apr 2018 02:27

Tgt Ion: 84 Resp: 48580
 Ion Ratio Lower Upper
 84 100
 49 116.5 98.1 147.1
 51 36.1 28.9 43.3
 86 64.2 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 20.109 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

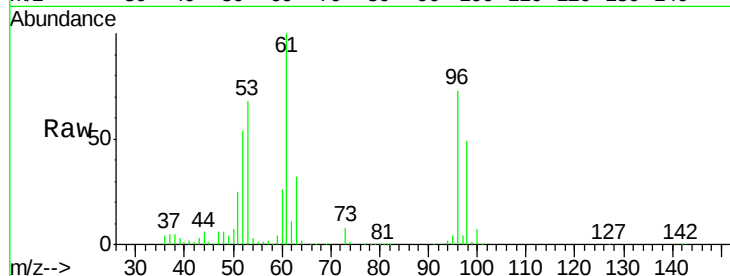
Tot Ion: 96 Resp: 46376

Ion Ratio Lower Upper

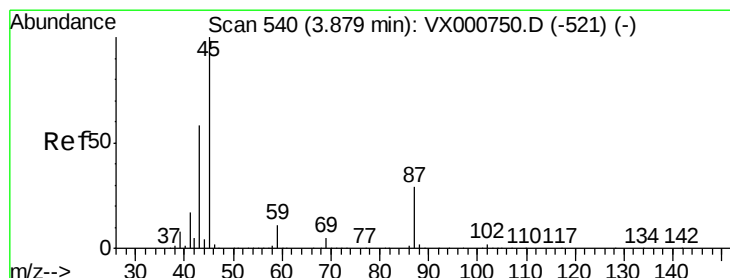
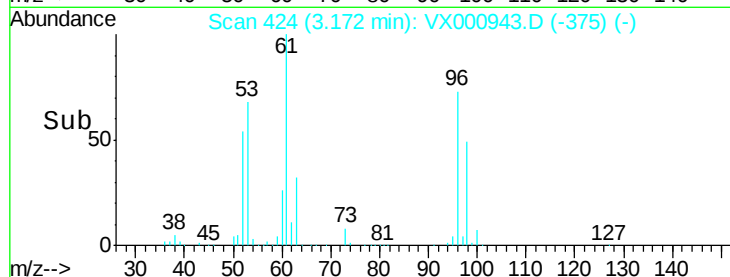
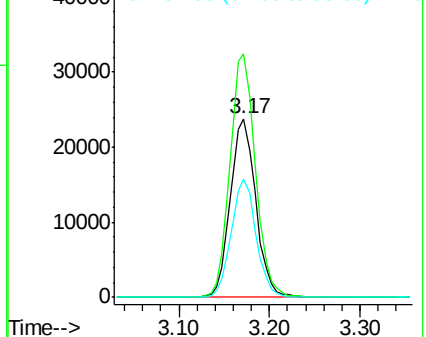
96 100

61 136.5 106.2 159.2

98 66.4 51.2 76.8



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



#22

Diisopropyl ether

Concen: 22.650 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Tgt Ion: 45 Resp: 160977

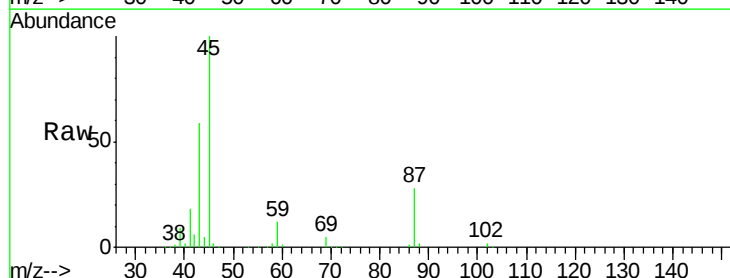
Ion Ratio Lower Upper

45 100

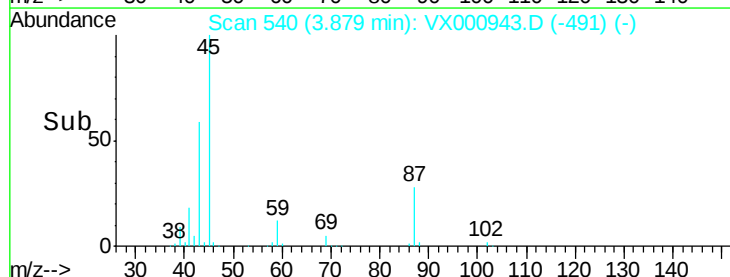
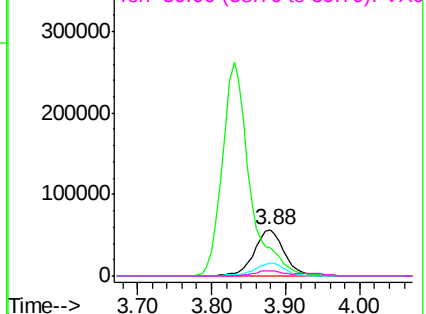
43 58.8 46.6 69.8

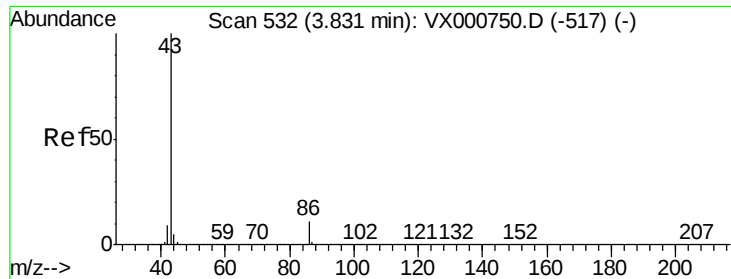
87 28.2 22.9 34.3

59 11.7 9.2 13.8



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





#23

Vinyl Acetate

Concen: 108.058 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Instrument :

MSVOA_X

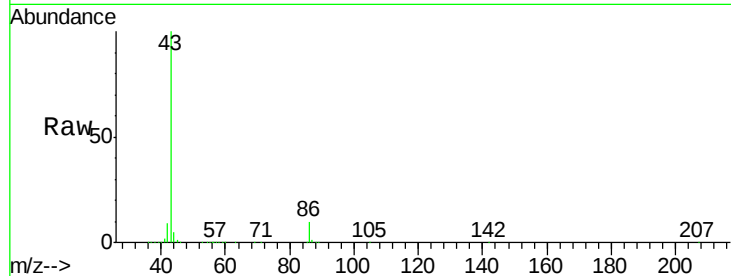
ClientSampleId :

Tot Ion: 43 Resp: 674264

Ion Ratio Lower Upper

43 100

86 10.0 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX000943.D (-483) (-)

Ion 86.00 (85.70 to 86.70): VX000943.D (-483) (-)

3.83

250000

200000

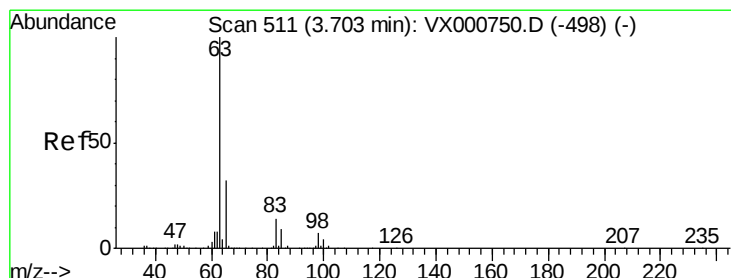
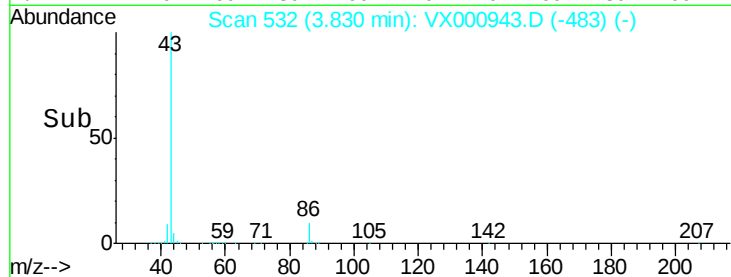
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 22.055 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

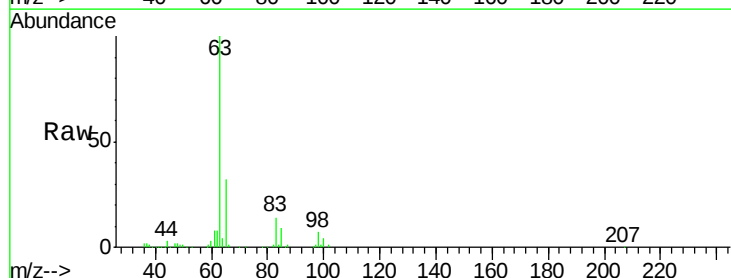
Tgt Ion: 63 Resp: 87953

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 3.8 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX000943.D (-462) (-)

Ion 97.90 (97.60 to 98.60): VX000943.D (-462) (-)

Ion 99.90 (99.60 to 100.60): VX000943.D (-462) (-)

3.70

40000

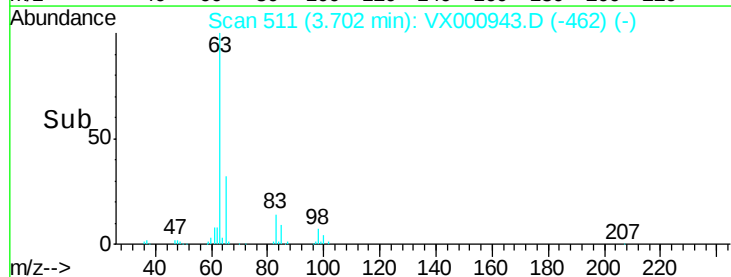
30000

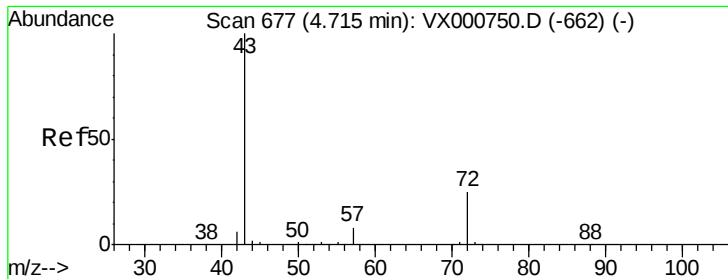
20000

10000

0

Time-->





#25

2-Butanone

Concen: 106.973 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Instrument :

MSVOA_X

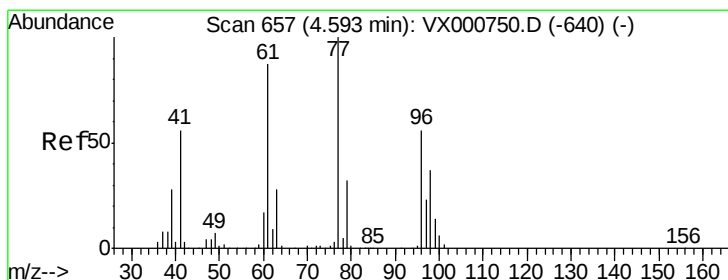
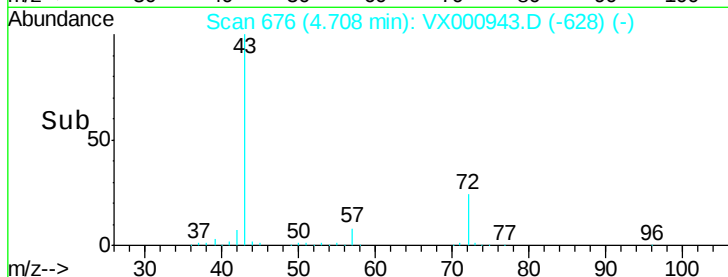
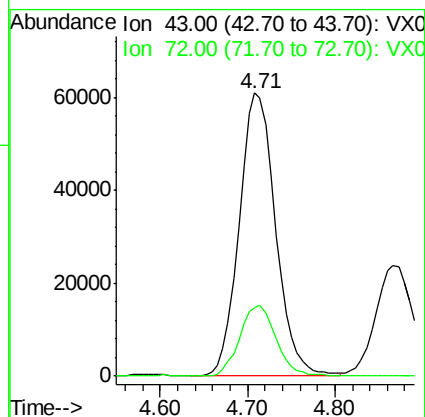
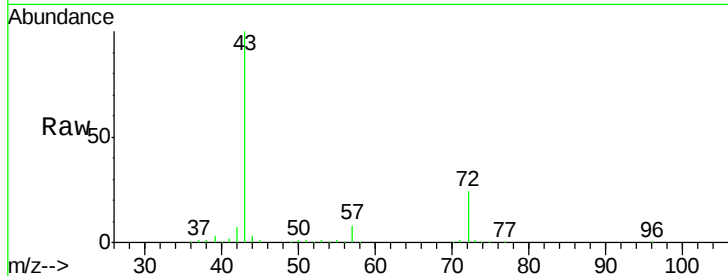
ClientSampleId :

Tot Ion: 43 Resp: 175030

Ion Ratio Lower Upper

43 100

72 24.3 20.3 30.5



#26

2,2-Dichloropropane

Concen: 15.433 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000943.D

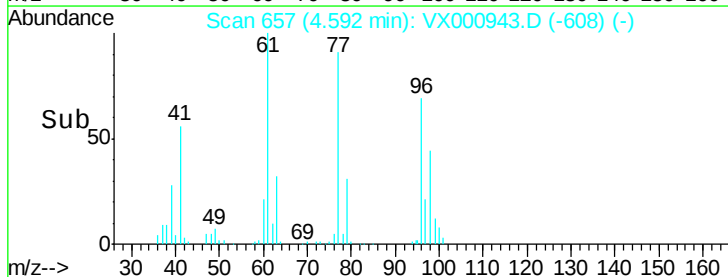
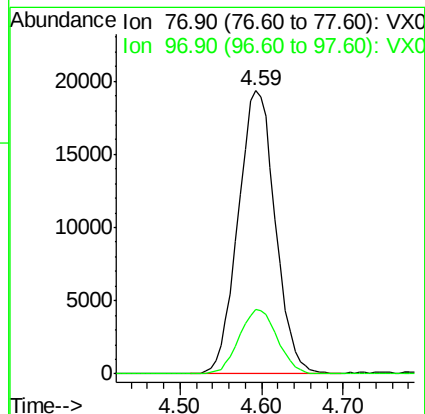
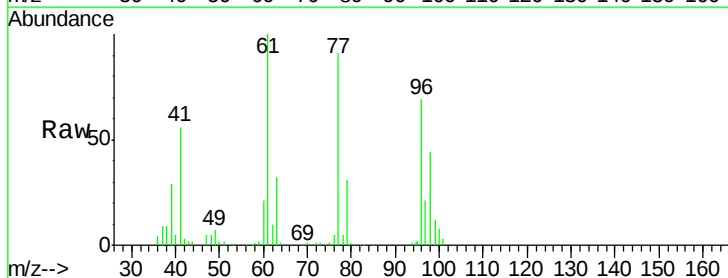
Acq: 17 Apr 2018 02:27

Tgt Ion: 77 Resp: 61088

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.4



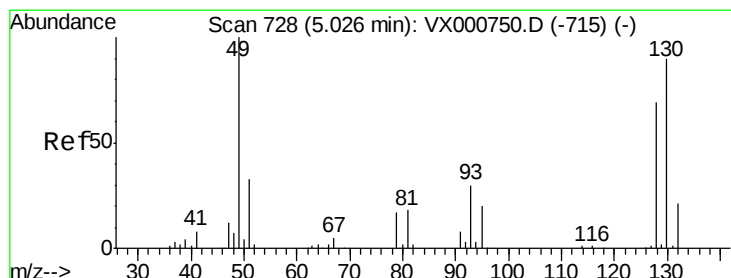
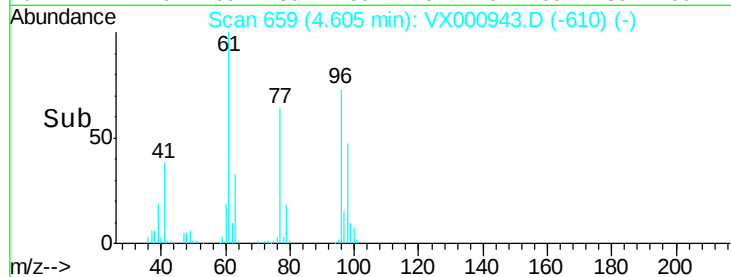
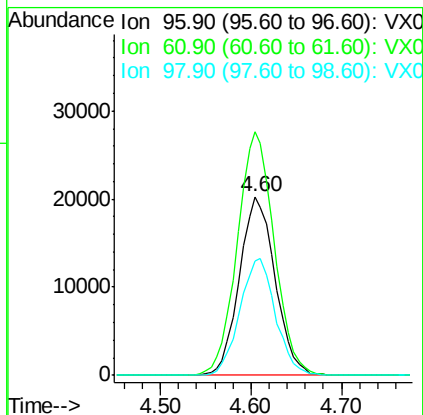
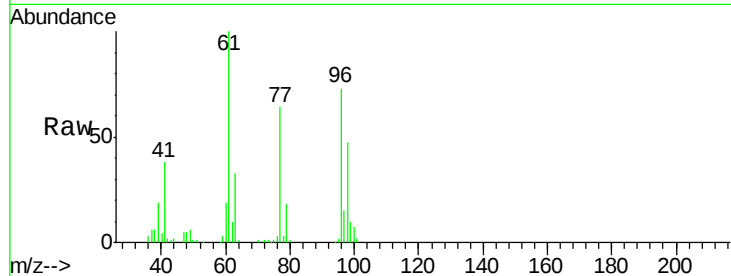


#27

cis-1,2-Dichloroethene
Concen: 21.135 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :

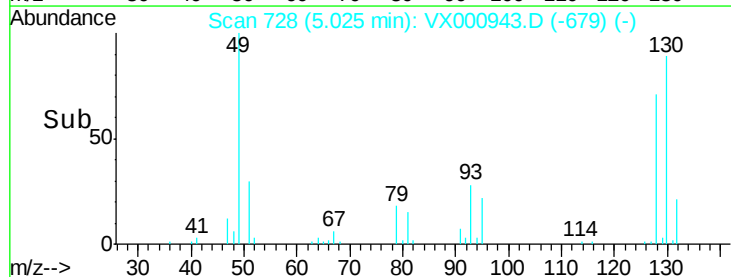
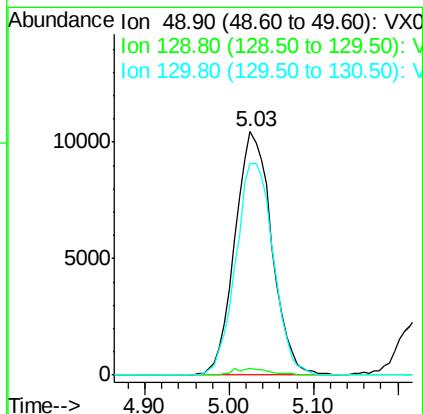
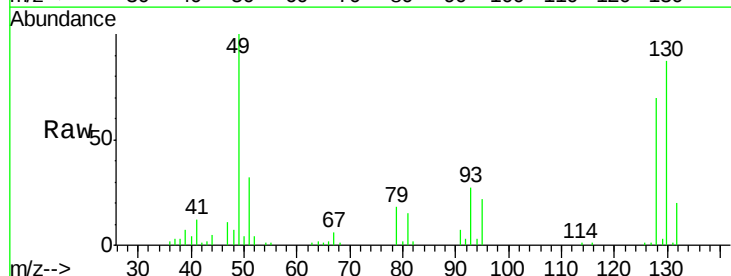
Tot Ion: 96 Resp: 55315
Ion Ratio Lower Upper
96 100
61 141.2 0.0 292.4
98 65.1 0.0 130.2

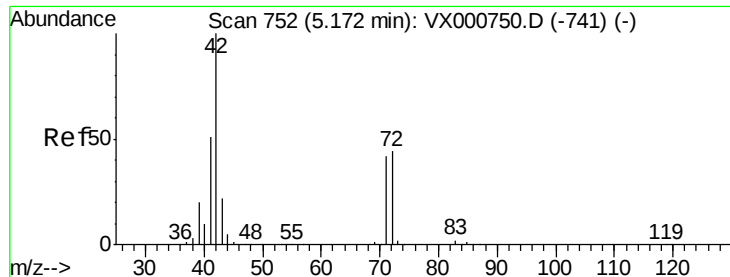


#28

Bromochloromethane
Concen: 19.226 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

Tgt Ion: 49 Resp: 30874
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.2
130 89.0 72.6 109.0

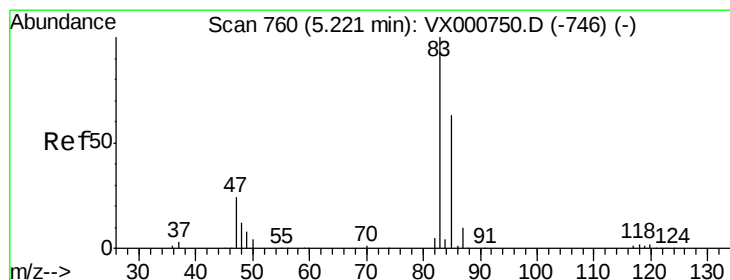
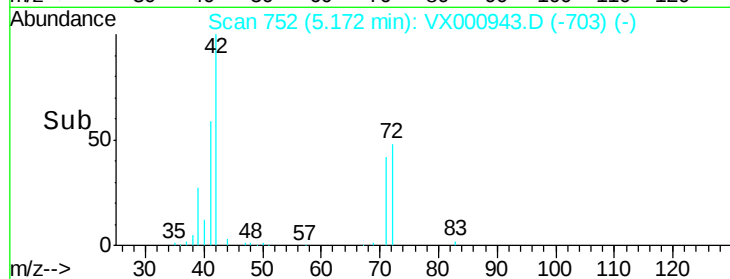
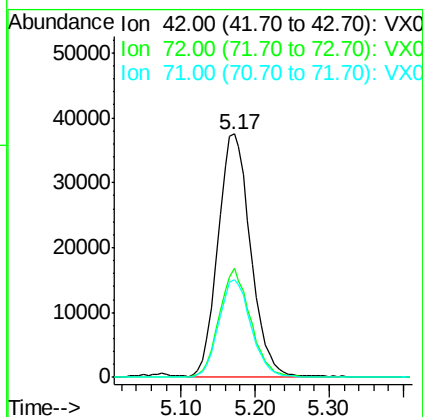
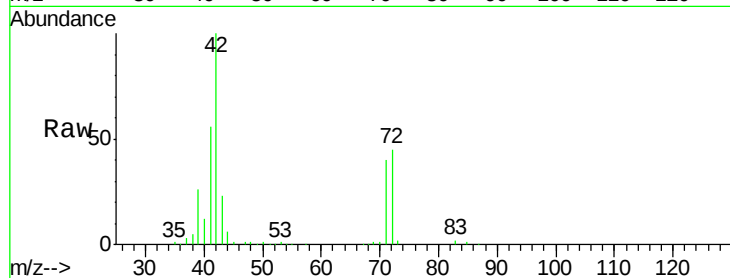




#29
Tetrahydrofuran
Concen: 109.553 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

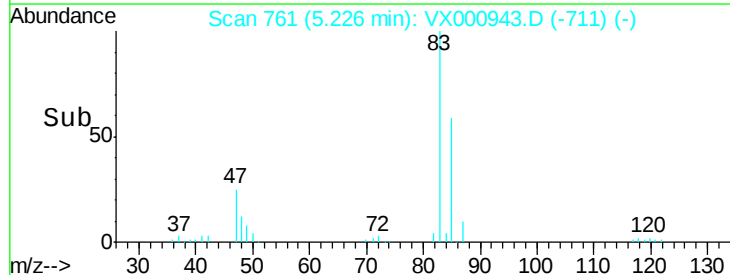
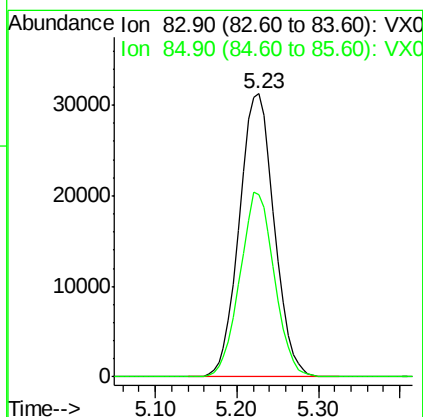
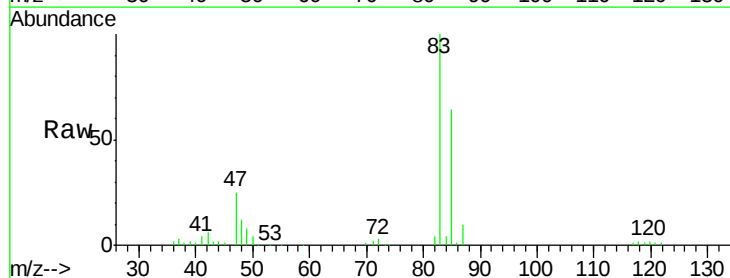
Instrument :
MSVOA_X
ClientSampled :

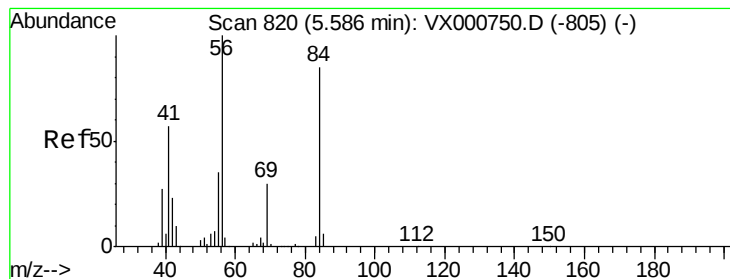
Tot Ion: 42 Resp: 113815
Ion Ratio Lower Upper
42 100
72 43.2 35.1 52.7
71 39.8 32.8 49.2



#30
Chloroform
Concen: 22.059 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

Tgt Ion: 83 Resp: 93140
Ion Ratio Lower Upper
83 100
85 64.2 50.7 76.1





#31

Cyclohexane

Concen: 19.598 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

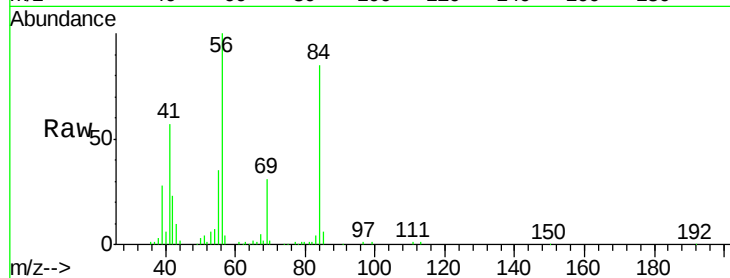
Tot Ion: 56 Resp: 74224

Ion Ratio Lower Upper

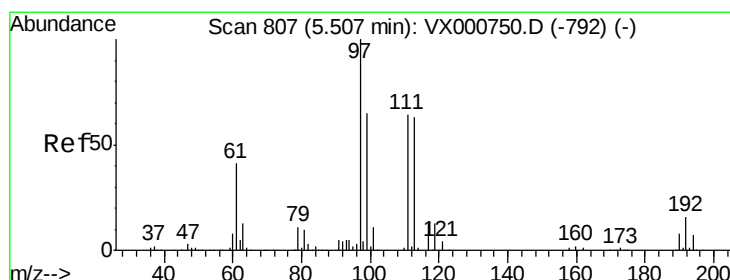
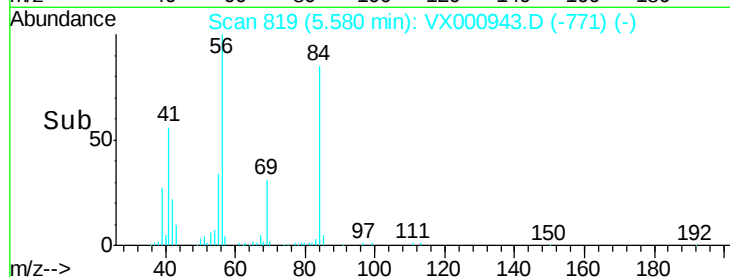
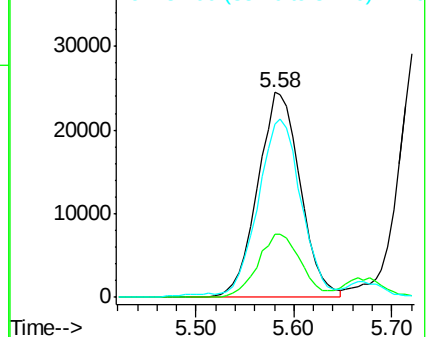
56 100

69 30.8 24.2 36.4

84 83.3 67.6 101.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.181 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

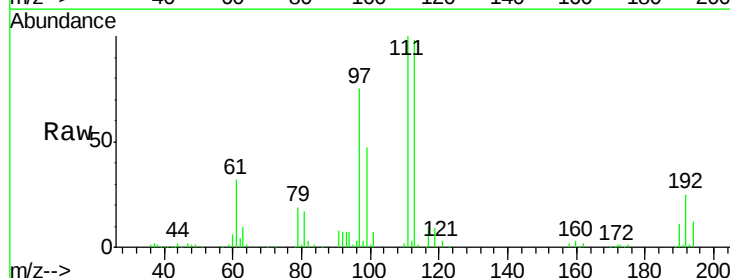
Tgt Ion: 97 Resp: 81178

Ion Ratio Lower Upper

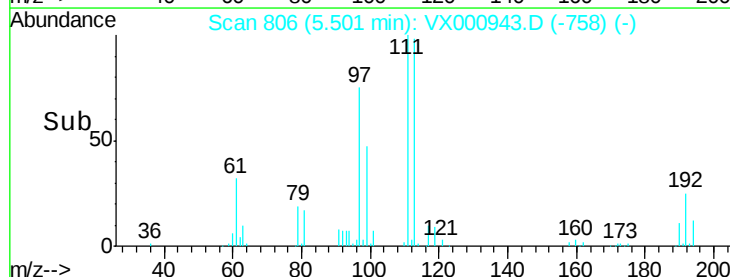
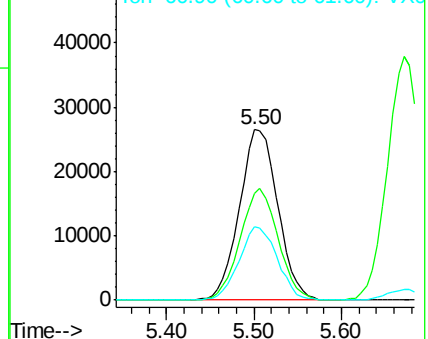
97 100

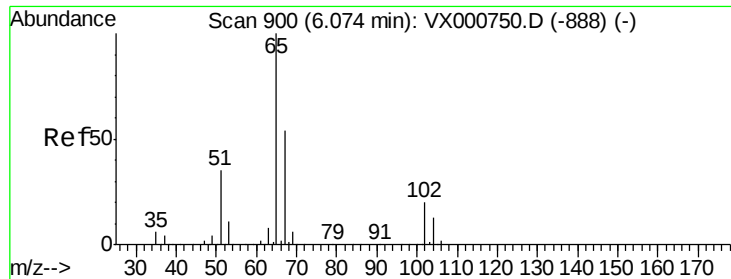
99 64.8 51.4 77.0

61 43.0 33.7 50.5



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

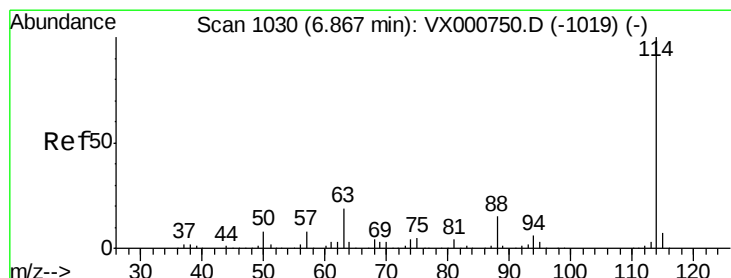
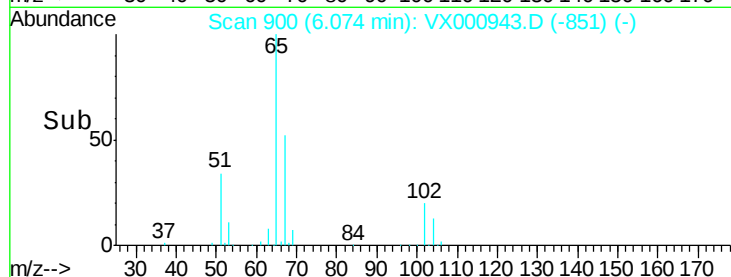
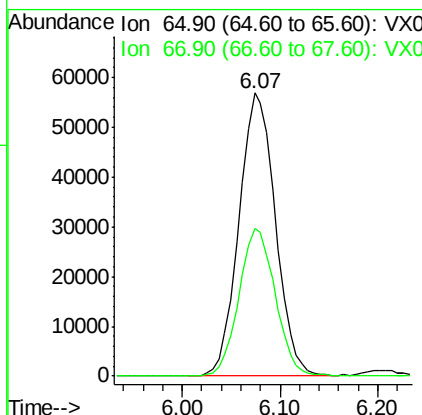
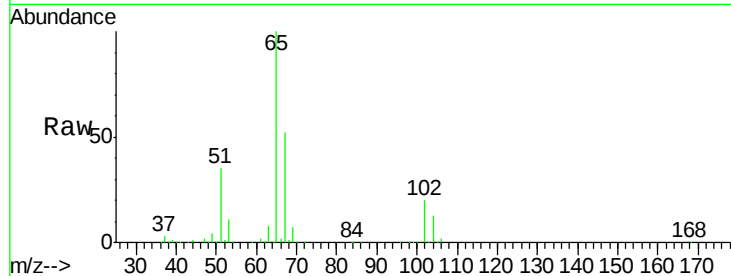




#33
 1,2-Dichloroethane-d4
 Concen: 51.187 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000943.D
 Acq: 17 Apr 2018 02:27

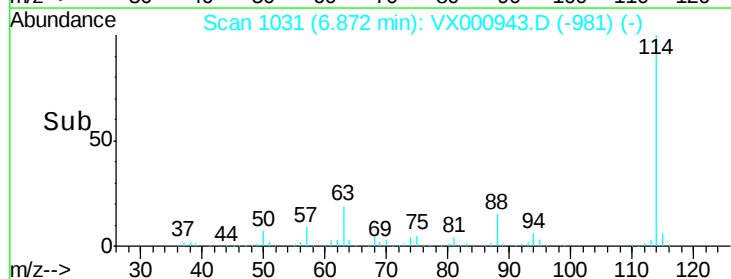
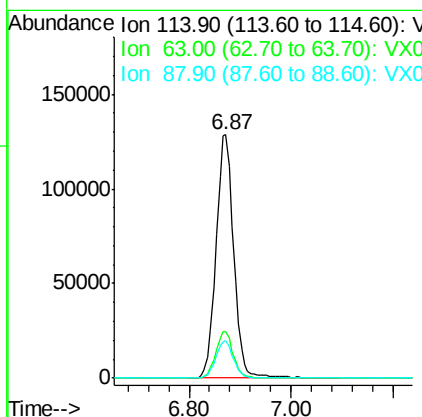
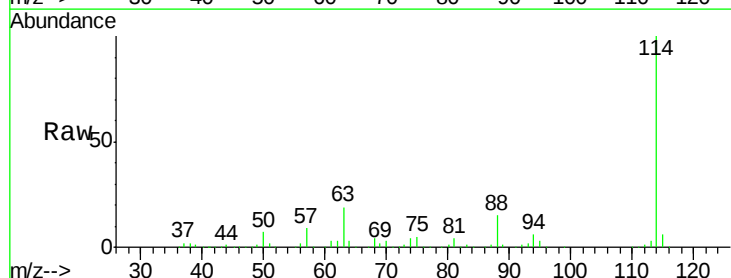
Instrument :
 MSVOA_X
 ClientSampleId :

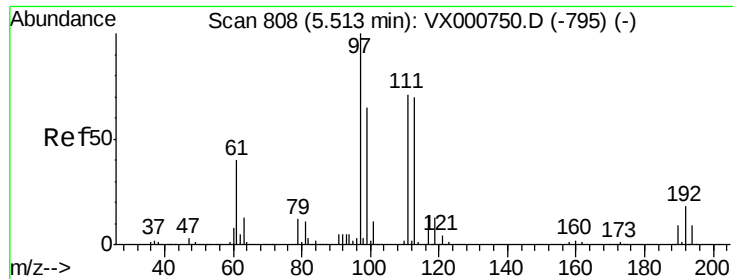
Tot Ion: 65 Resp: 147070
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000943.D
 Acq: 17 Apr 2018 02:27

Tgt Ion: 114 Resp: 310303
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.4
 88 15.2 0.0 31.0

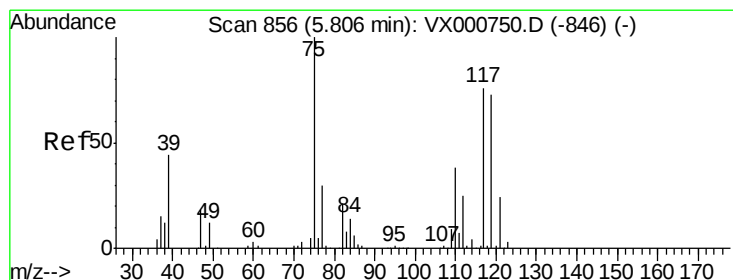
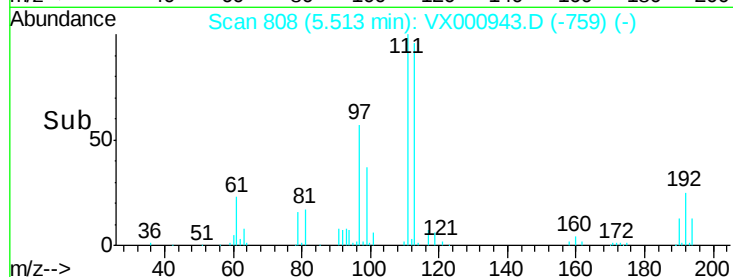
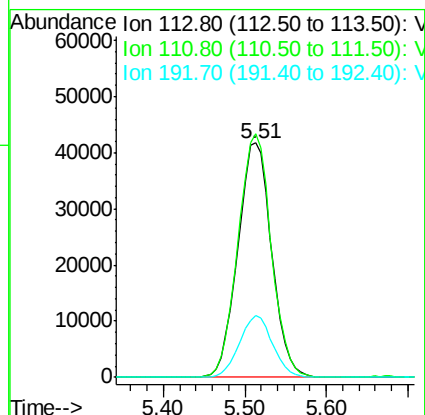
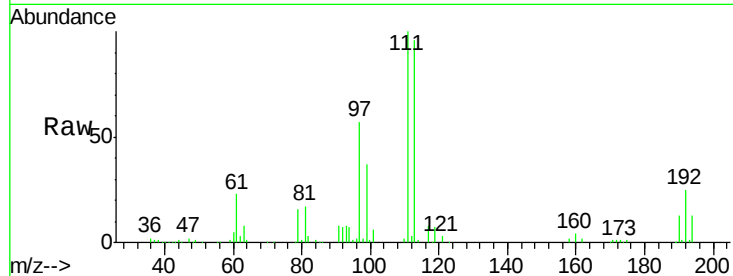




#35
 Dibromofluoromethane
 Concen: 50.140 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000943.D
 Acq: 17 Apr 2018 02:27

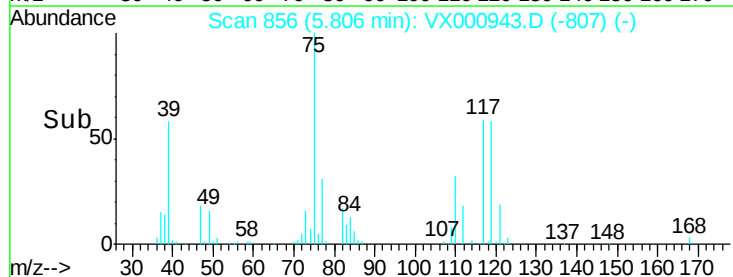
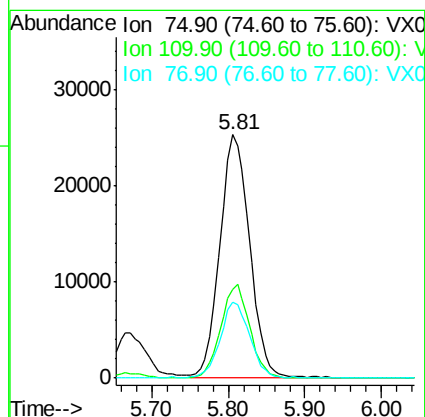
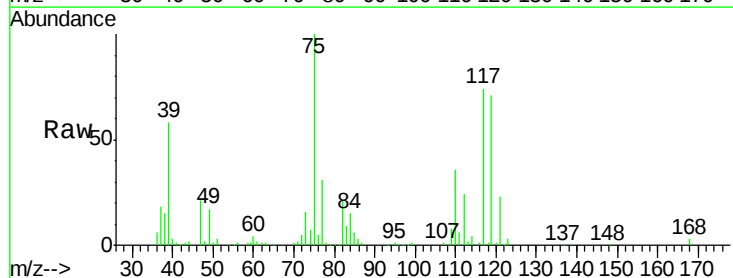
Instrument :
 MSVOA_X
 ClientSampleId :

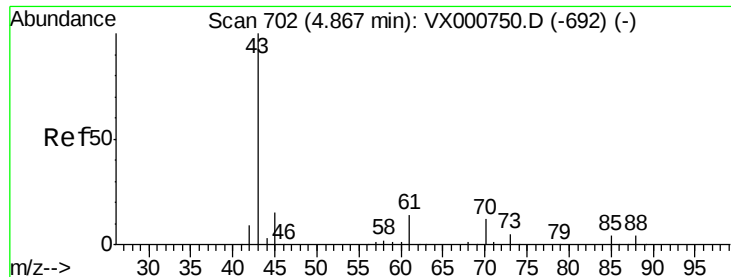
Tot Ion:113 Resp: 119870
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.5 122.3
 192 25.7 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 19.843 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX000943.D
 Acq: 17 Apr 2018 02:27

Tgt Ion: 75 Resp: 67813
 Ion Ratio Lower Upper
 75 100
 110 37.2 19.2 57.6
 77 31.3 25.4 38.2

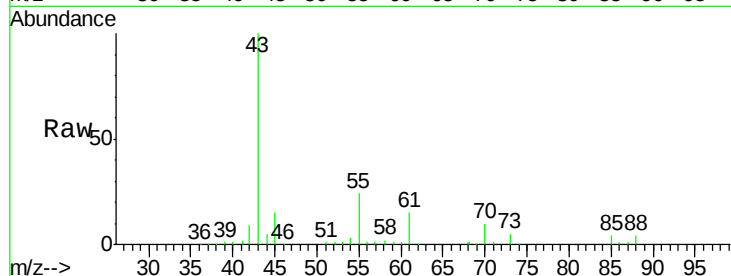




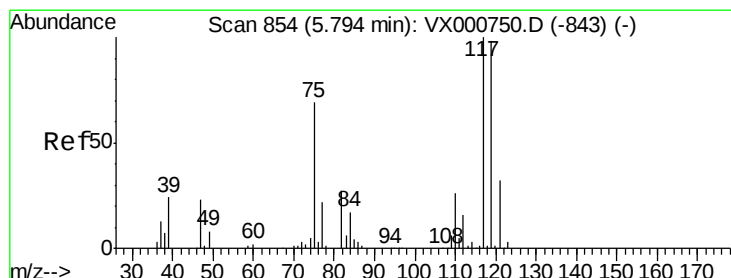
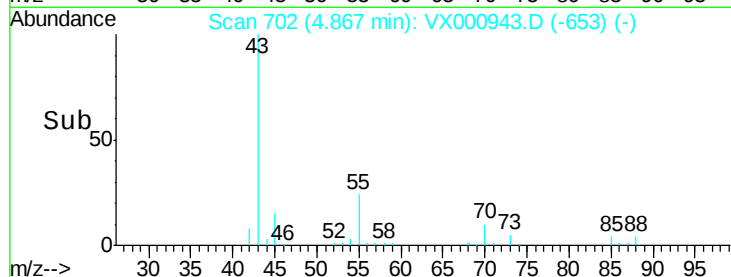
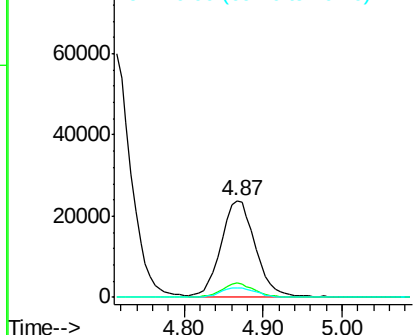
#37
Ethyl Acetate
Concen: 21.465 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 71612
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.4
70 10.3 8.7 13.1

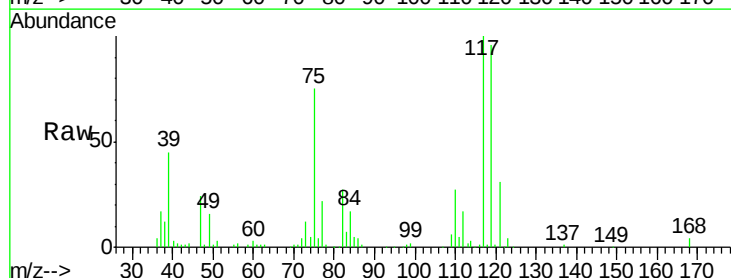


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

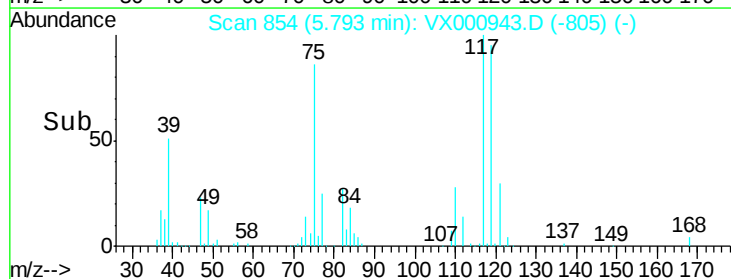
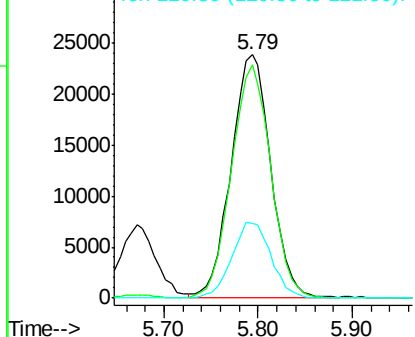


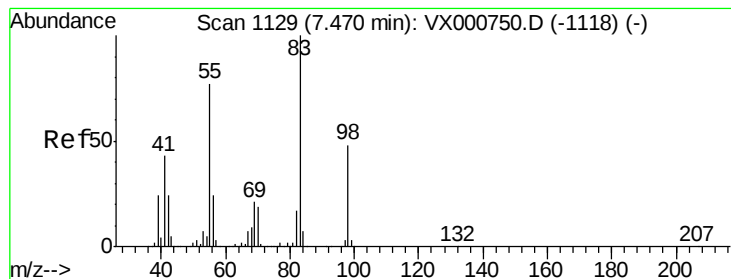
#38
Carbon Tetrachloride
Concen: 18.190 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

Tgt Ion: 117 Resp: 69576
Ion Ratio Lower Upper
117 100
119 96.1 78.4 117.6
121 30.9 25.4 38.0



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





#39

Methvlcvclohexane

Concen: 18.345 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

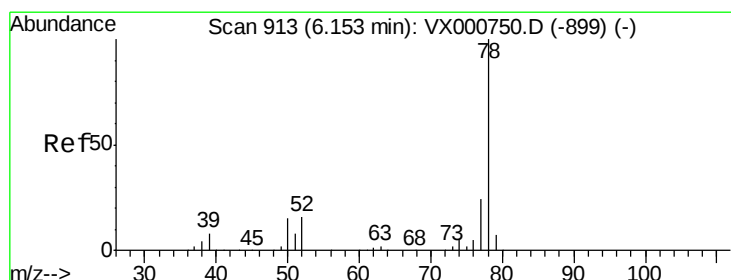
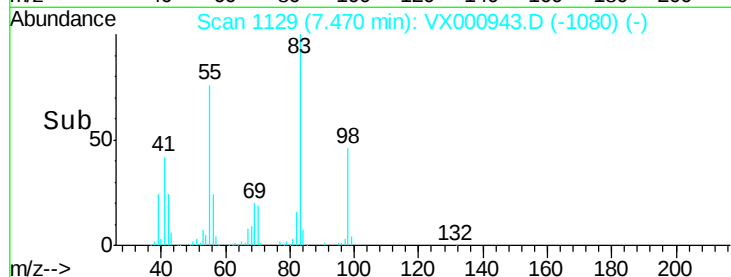
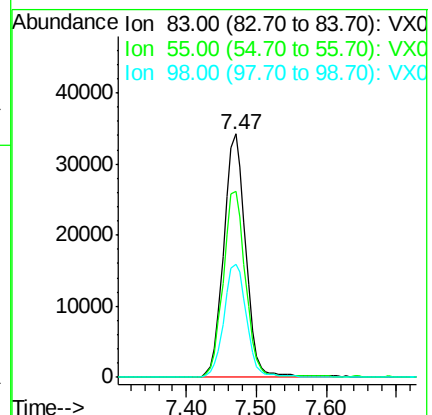
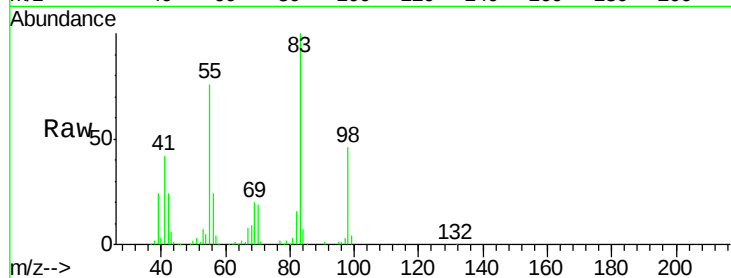
Tot Ion: 83 Resp: 75285

Ion Ratio Lower Upper

83 100

55 76.2 61.5 92.3

98 46.3 38.1 57.1



#40

Benzene

Concen: 20.791 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000943.D

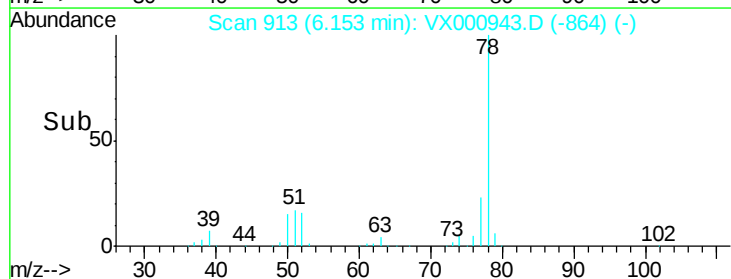
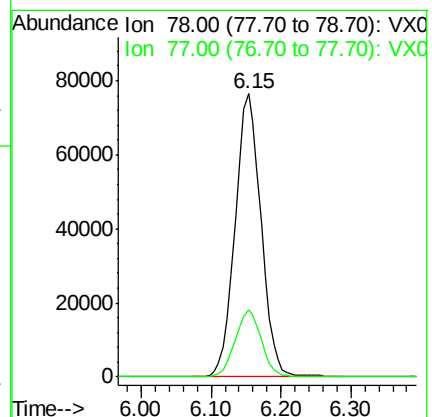
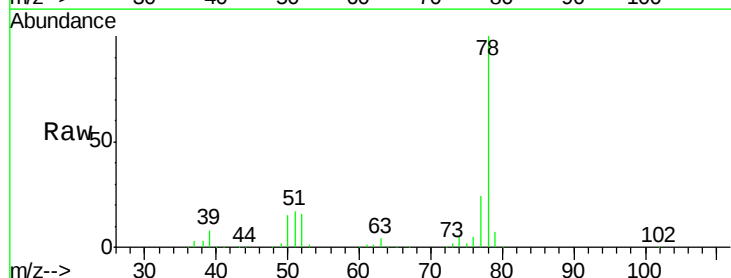
Acq: 17 Apr 2018 02:27

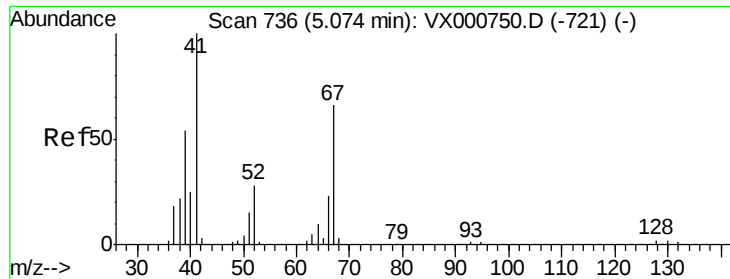
Tgt Ion: 78 Resp: 197423

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

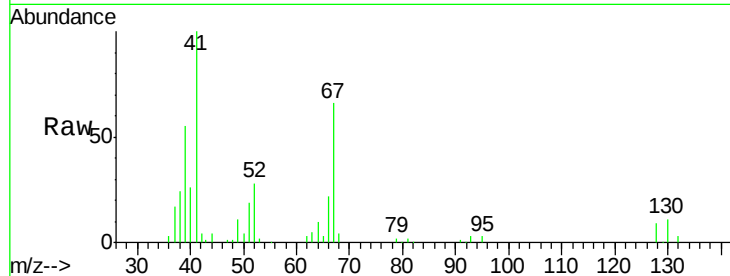




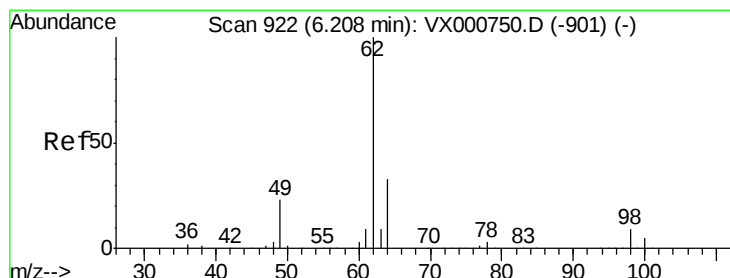
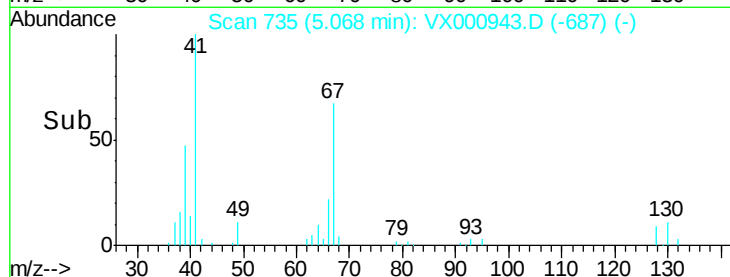
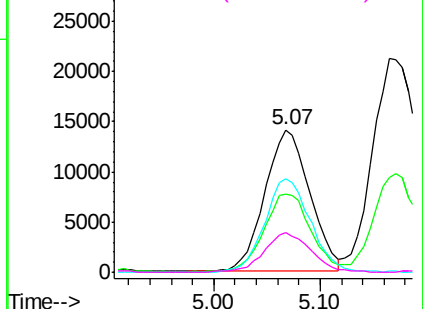
#41
Methacrylonitrile
Concen: 21.458 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	41359
Ion	Ratio	Lower	Upper
41	100		
39	58.6	44.9	67.3
67	67.0	54.7	82.1
52	29.4	23.0	34.6

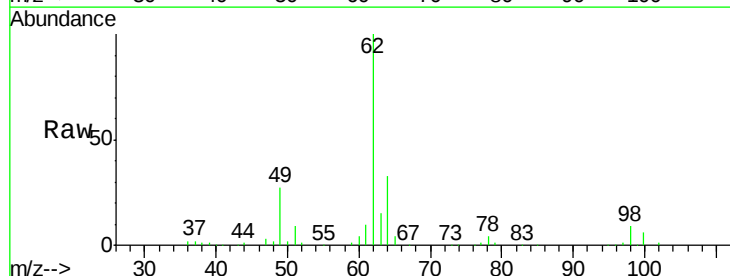


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

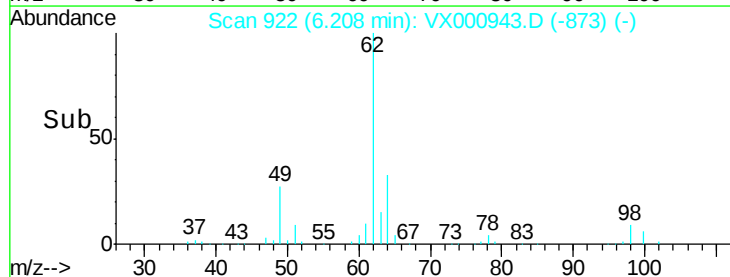
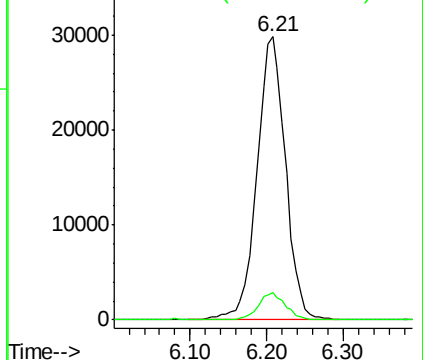


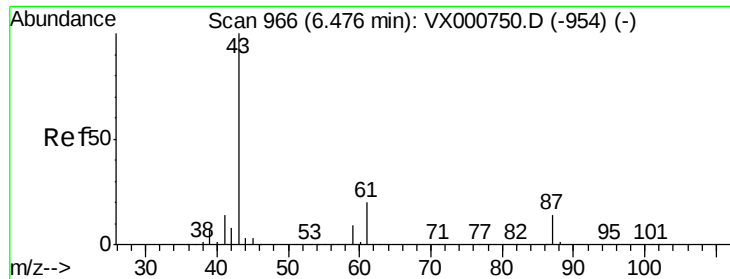
#42
1,2-Dichloroethane
Concen: 21.867 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

Tgt Ion:	62	Resp:	77551
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.6



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



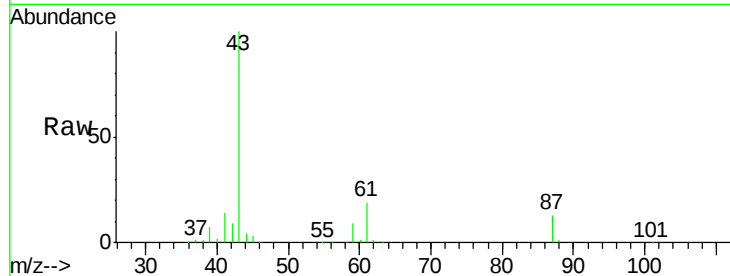


#43

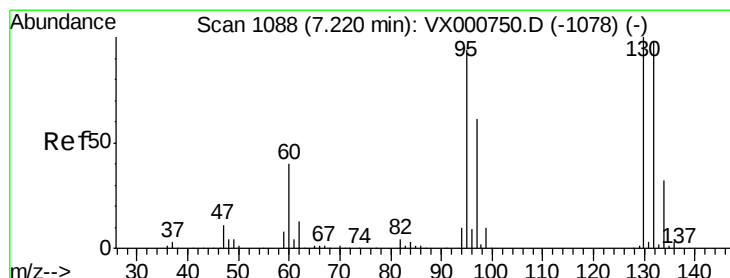
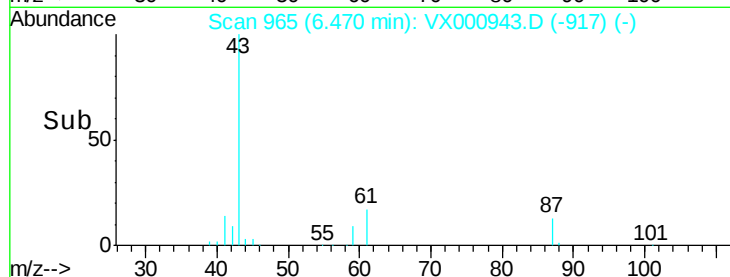
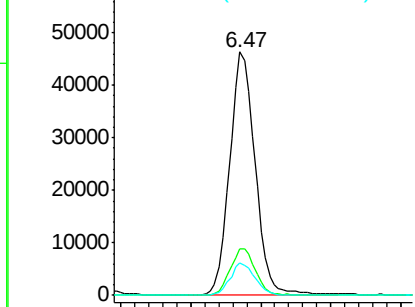
Isopropyl Acetate
 Concen: 20.684 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX000943.D
 Acq: 17 Apr 2018 02:27

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 43 Resp: 118308
 Ion Ratio Lower Upper
 43 100
 61 19.0 15.6 23.4
 87 13.0 10.7 16.1



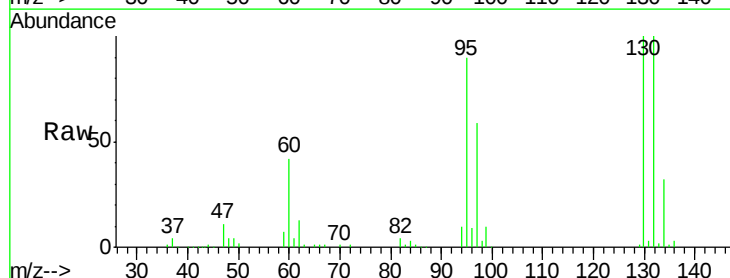
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



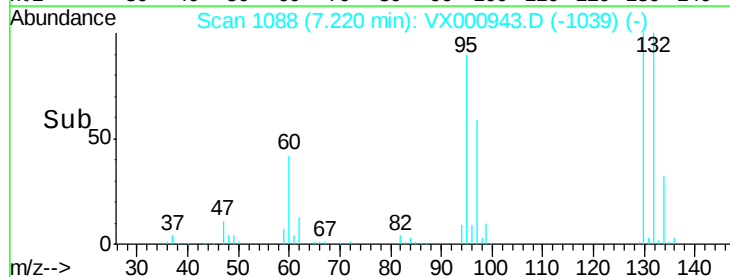
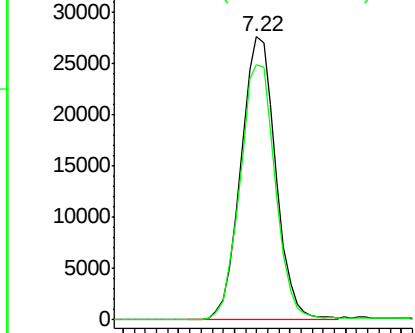
#44

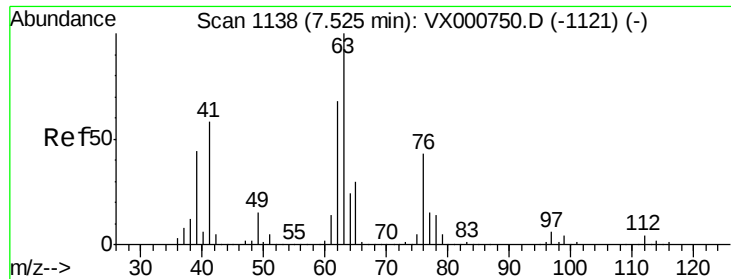
Trichloroethene
 Concen: 20.355 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000943.D
 Acq: 17 Apr 2018 02:27

Tgt Ion:130 Resp: 60111
 Ion Ratio Lower Upper
 130 100
 95 90.2 0.0 187.0



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

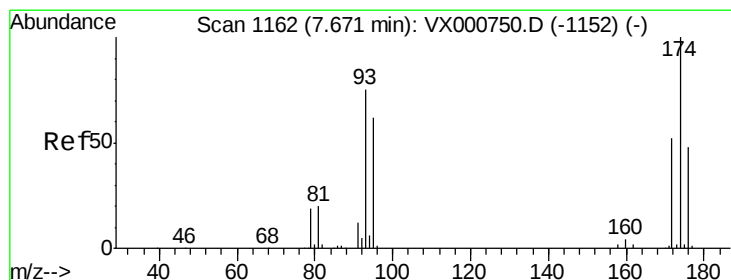
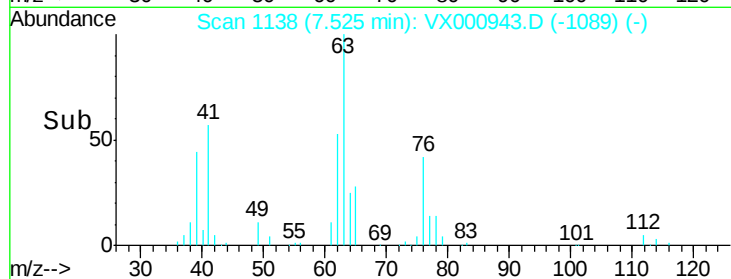
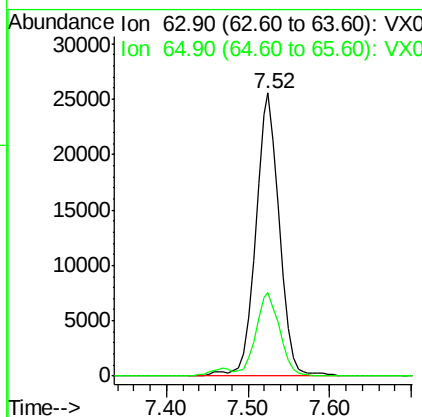
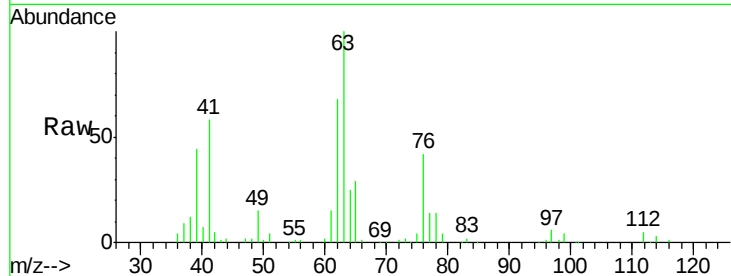




#45
 1,2-Dichloropropane
 Concen: 21.380 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000943.D
 Acq: 17 Apr 2018 02:27

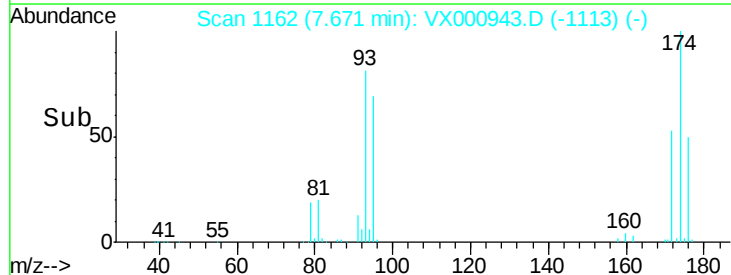
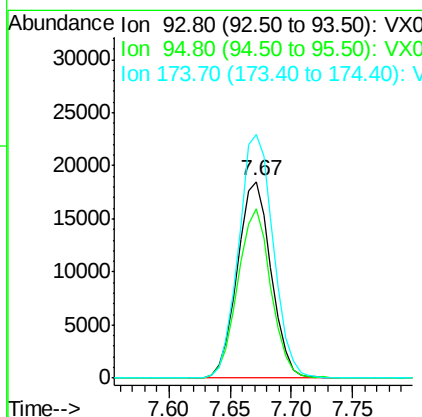
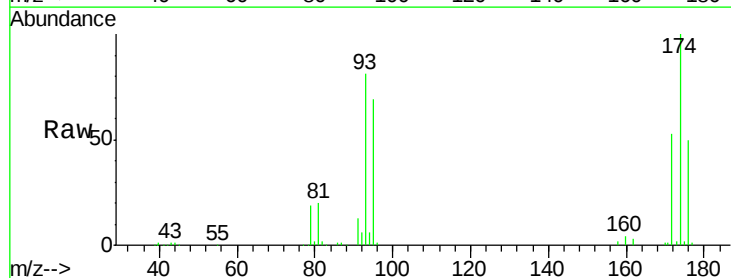
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 63 Resp: 51697
 Ion Ratio Lower Upper
 63 100
 65 29.5 23.7 35.5



#46
 Dibromomethane
 Concen: 21.097 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000943.D
 Acq: 17 Apr 2018 02:27

Tgt Ion: 93 Resp: 35565
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.6 100.0
 174 126.7 104.5 156.7





#47

Bromodichloromethane

Concen: 19.394 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

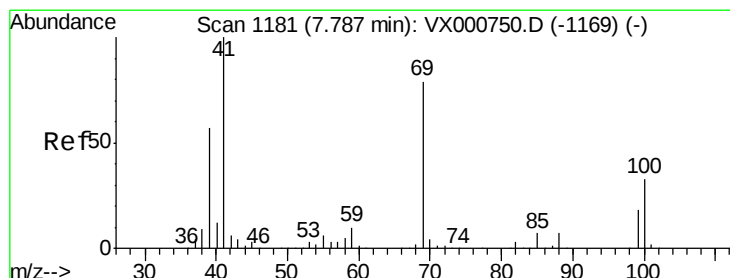
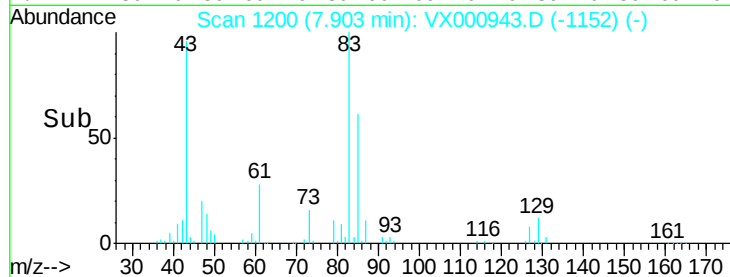
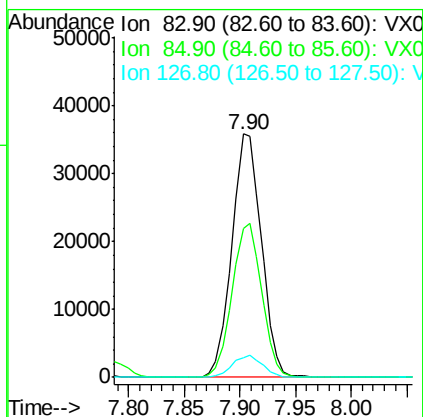
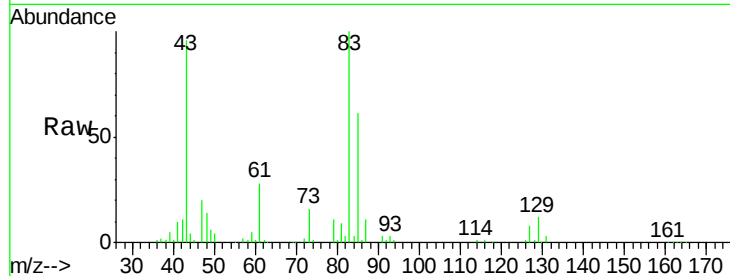
Tot Ion: 83 Resp: 65985

Ion Ratio Lower Upper

83 100

85 61.2 52.2 78.4

127 8.3 7.8 11.8



#48

Methyl methacrylate

Concen: 20.914 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

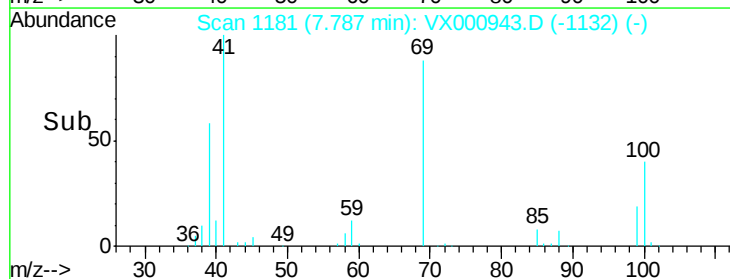
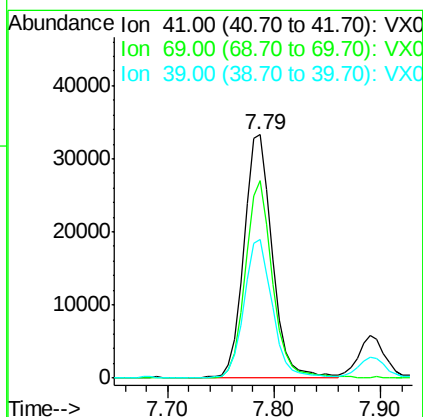
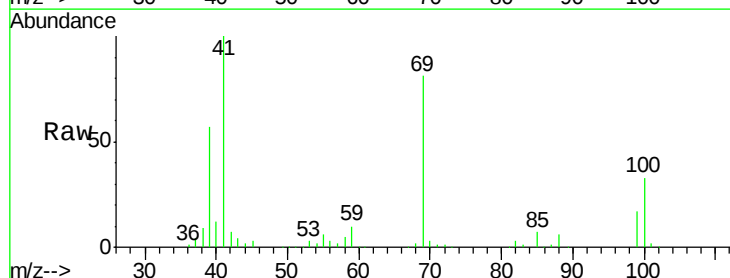
Tgt Ion: 41 Resp: 62006

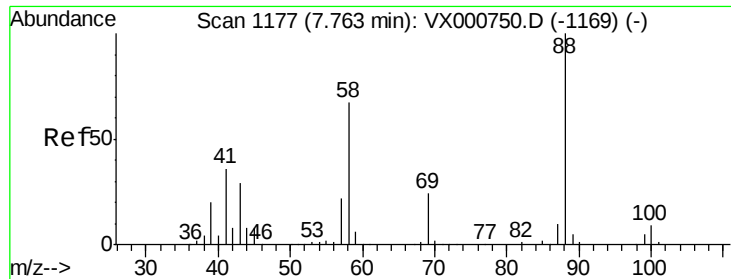
Ion Ratio Lower Upper

41 100

69 78.4 63.9 95.9

39 56.7 45.9 68.9

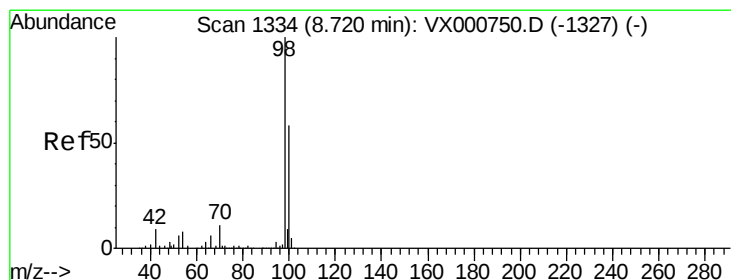
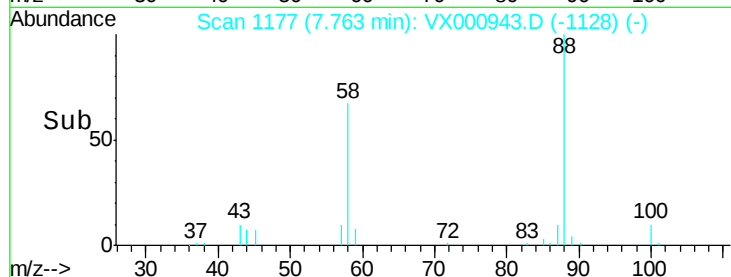
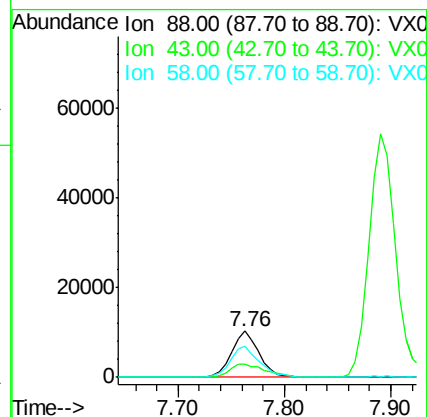
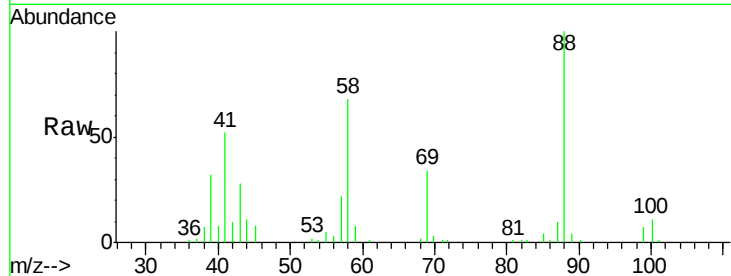




#49
1,4-Dioxane
Concen: 312.515 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

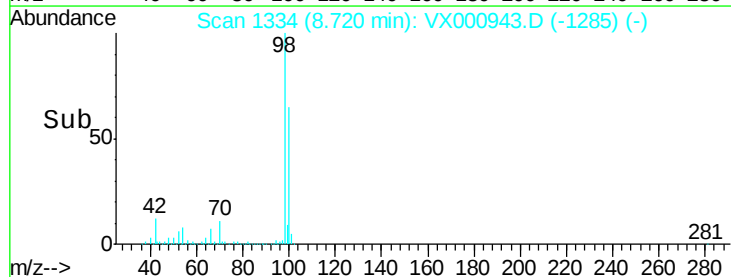
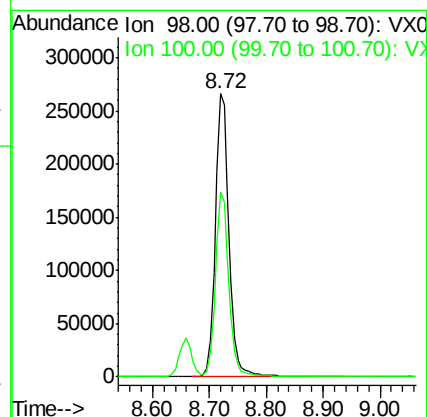
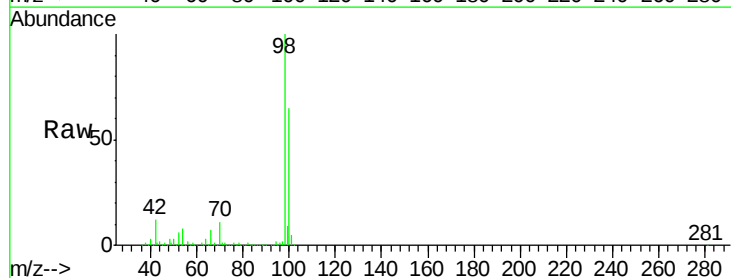
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 18620
Ion Ratio Lower Upper
88 100
43 36.0 25.8 38.8
58 72.7 54.4 81.6



#50
Toluene-d8
Concen: 49.993 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

Tgt Ion: 98 Resp: 445006
Ion Ratio Lower Upper
98 100
100 64.8 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 109.043 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Instrument :

MSVOA_X

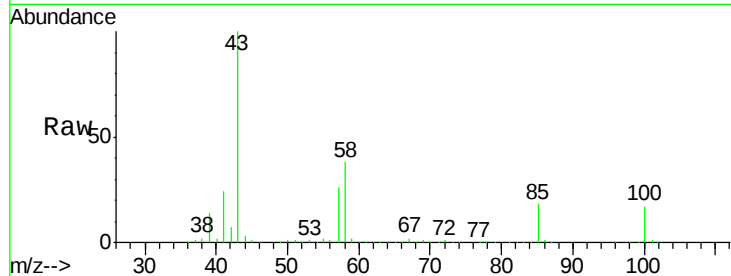
ClientSampled :

Tot Ion: 43 Resp: 366366

Ion Ratio Lower Upper

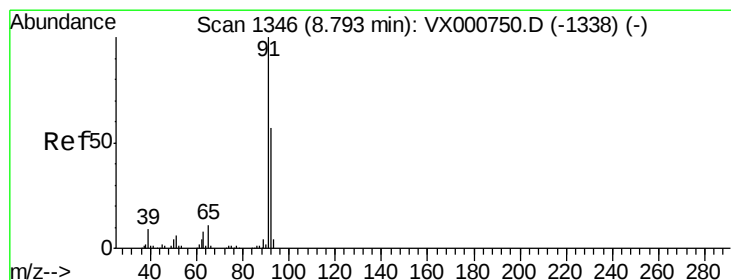
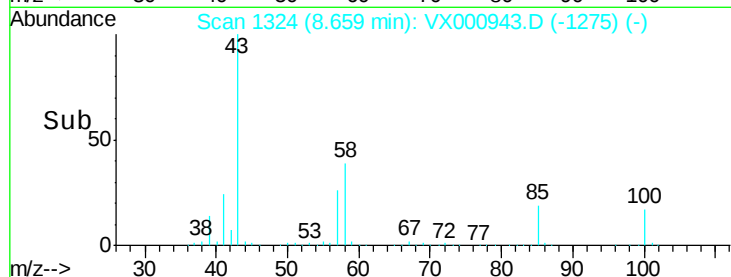
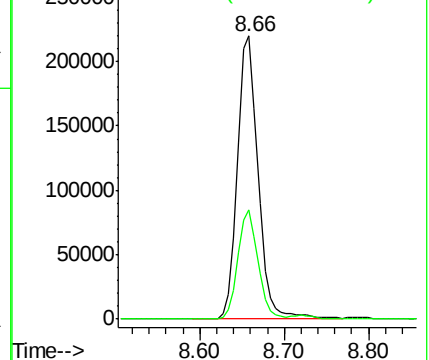
43 100

58 37.2 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.717 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000943.D

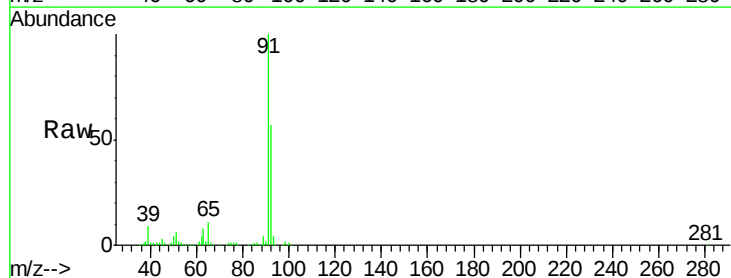
Acq: 17 Apr 2018 02:27

Tgt Ion: 92 Resp: 130512

Ion Ratio Lower Upper

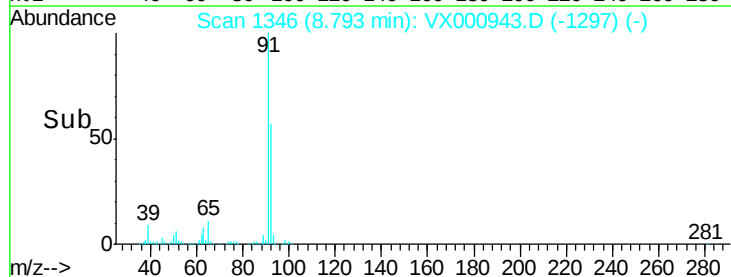
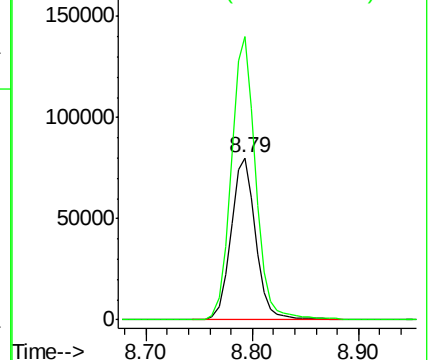
92 100

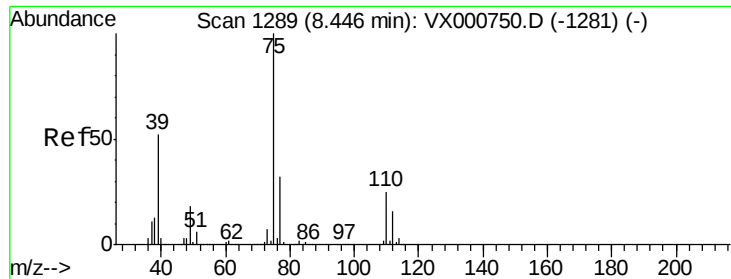
91 173.1 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

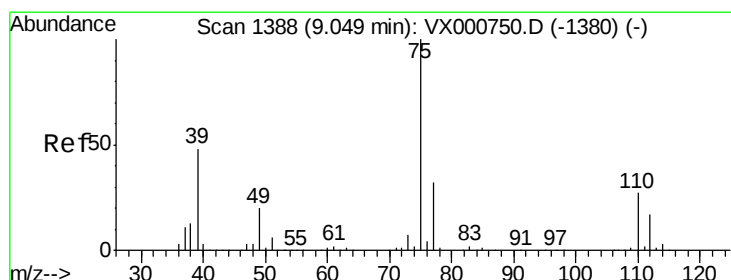
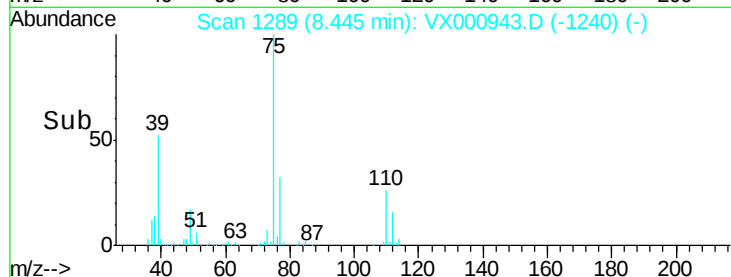
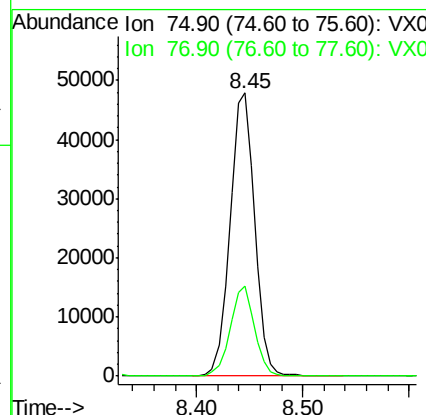
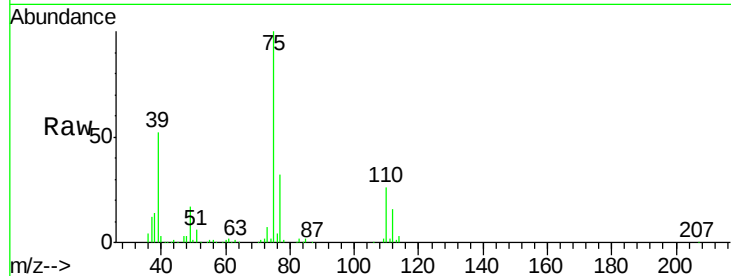




#53
t-1,3-Dichloropropene
Concen: 18.953 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

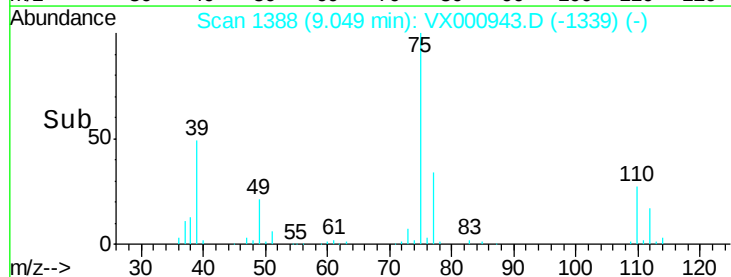
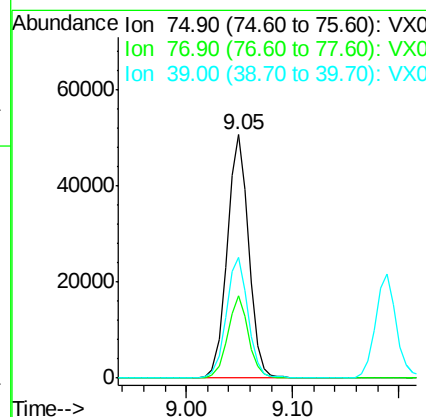
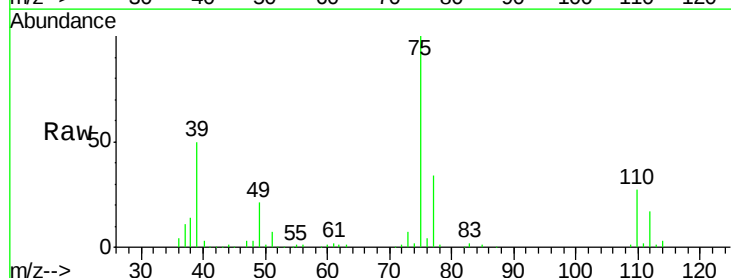
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 77348
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 18.042 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

Tgt Ion: 75 Resp: 71700
Ion Ratio Lower Upper
75 100
77 33.7 25.4 38.2
39 49.6 38.6 58.0

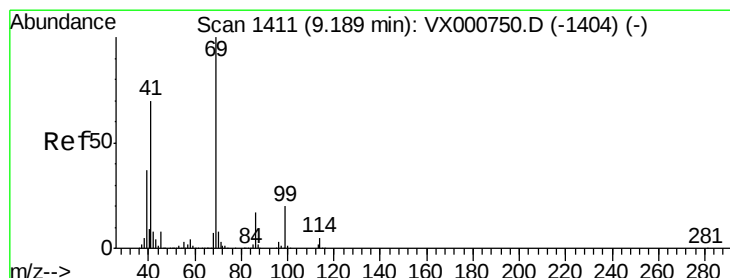
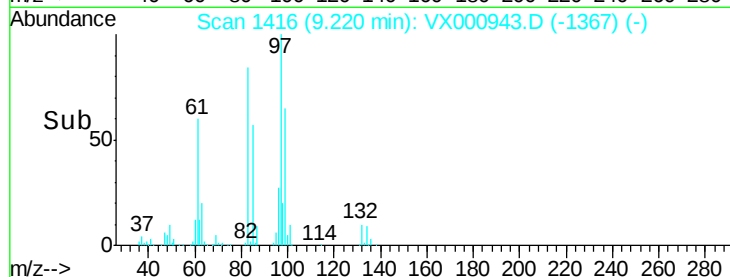
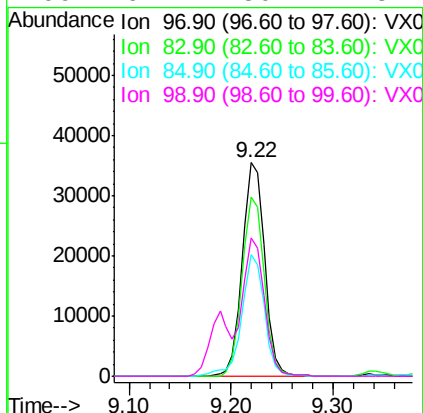
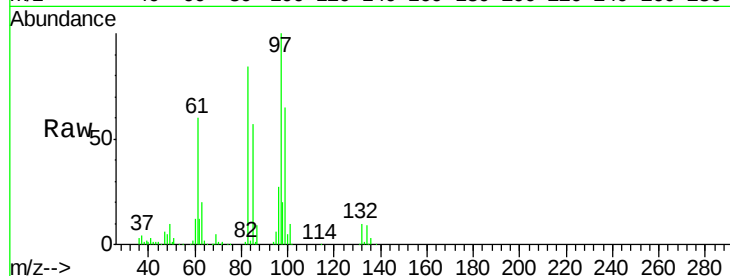




#55
 1,1,2-Trichloroethane
 Concen: 21.548 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX000943.D
 Acq: 17 Apr 2018 02:27

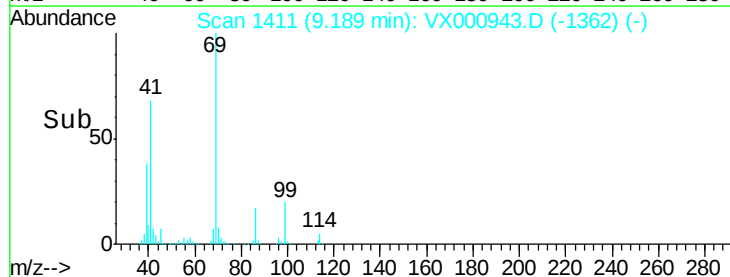
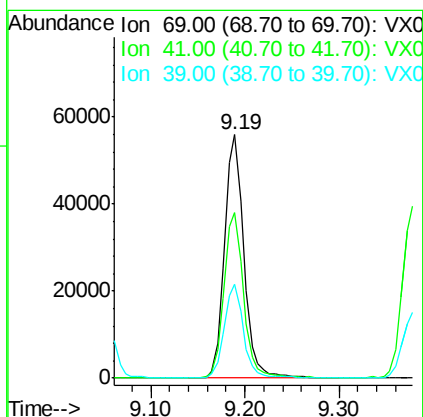
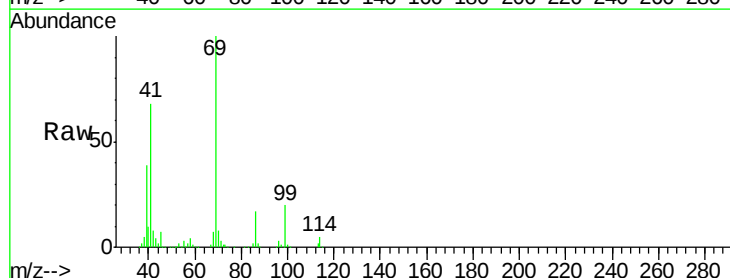
Instrument :
 MSVOA_X
 ClientSampleId :

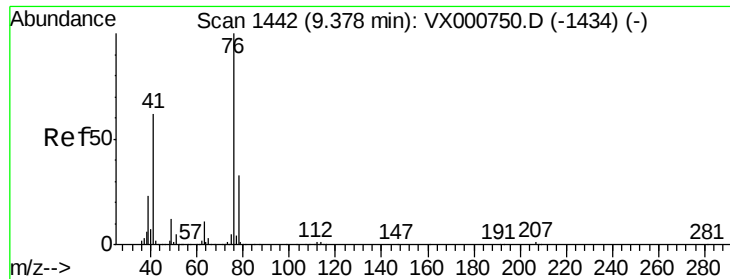
Tot Ion: 97 Resp: 53888
 Ion Ratio Lower Upper
 97 100
 83 84.2 67.6 101.4
 85 57.0 43.8 65.6
 99 64.7 50.2 75.4



#56
 Ethyl methacrylate
 Concen: 20.728 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000943.D
 Acq: 17 Apr 2018 02:27

Tgt Ion: 69 Resp: 79966
 Ion Ratio Lower Upper
 69 100
 41 68.4 55.6 83.4
 39 37.7 30.3 45.5





#57

1,3-Dichloropropane

Concen: 22.135 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Instrument :

MSVOA_X

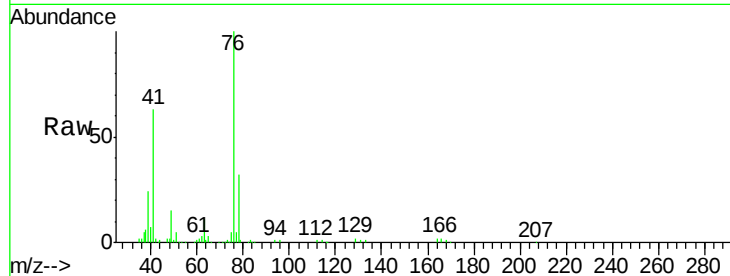
ClientSampleId :

Tot Ion: 76 Resp: 88008

Ion Ratio Lower Upper

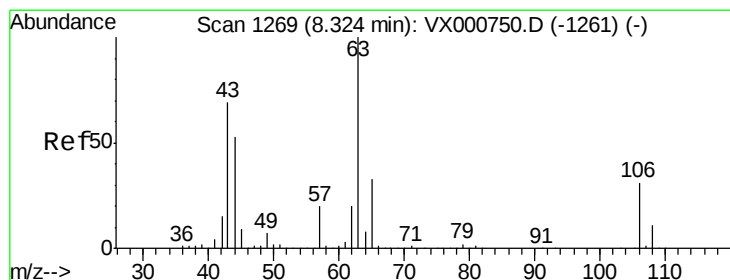
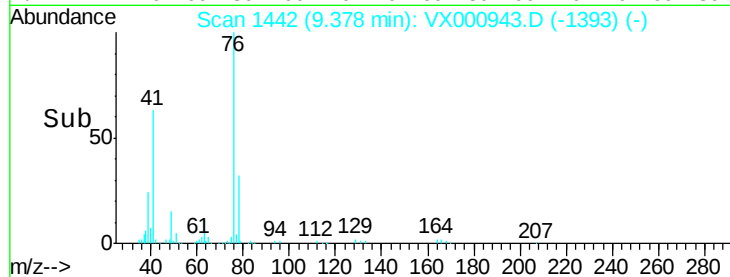
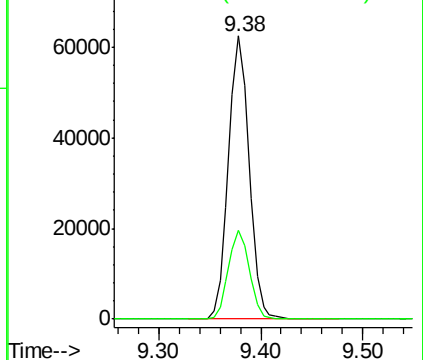
76 100

78 32.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 110.604 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000943.D

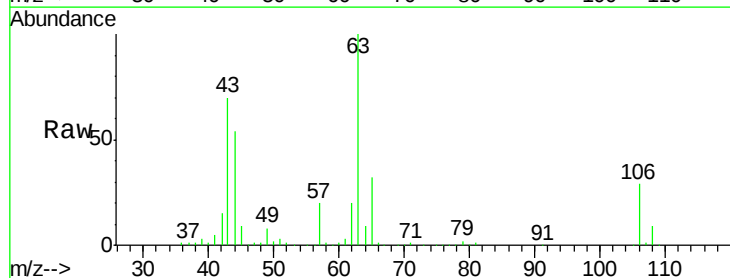
Acq: 17 Apr 2018 02:27

Tgt Ion: 63 Resp: 199363

Ion Ratio Lower Upper

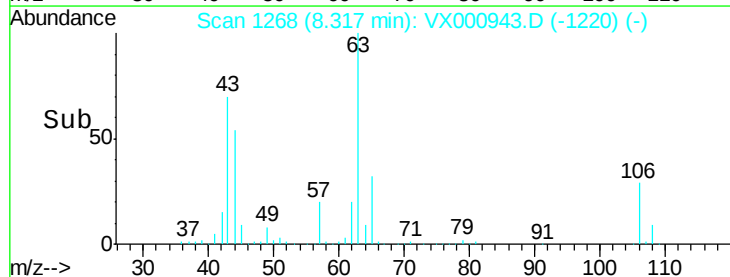
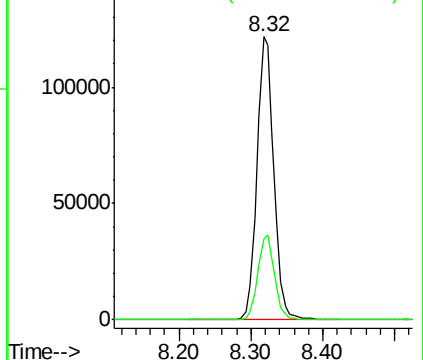
63 100

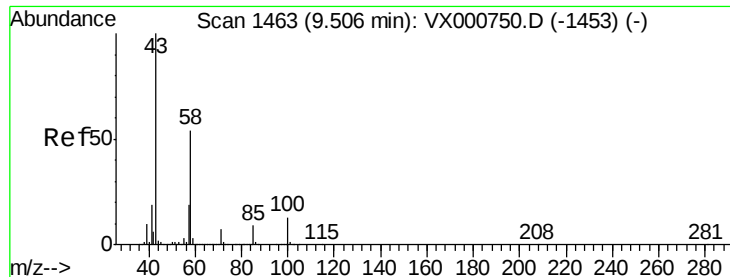
106 29.9 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

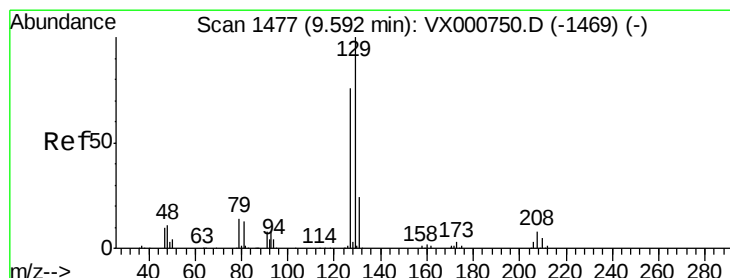
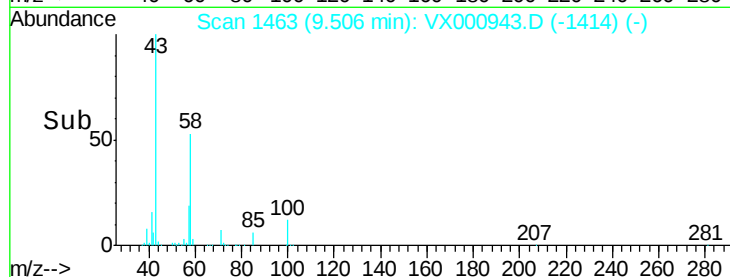
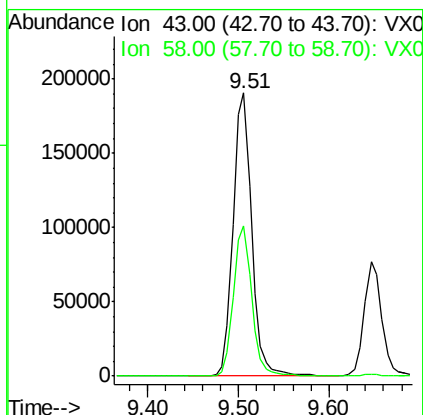
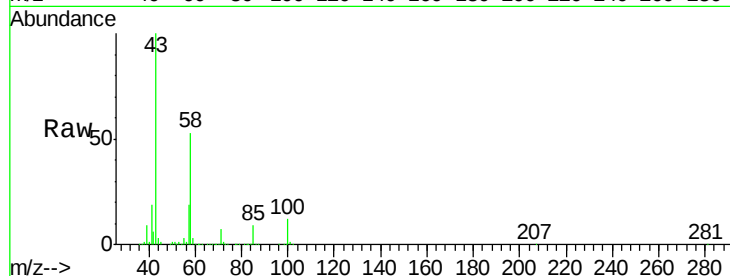




#59
2-Hexanone
Concen: 104.785 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

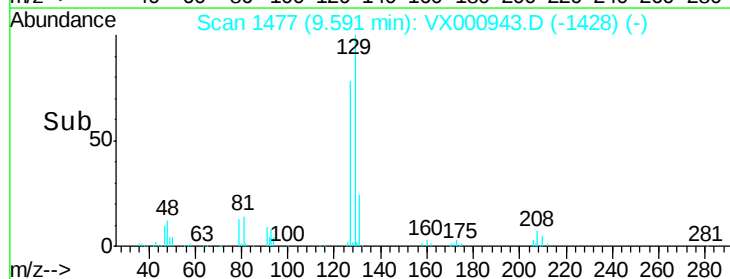
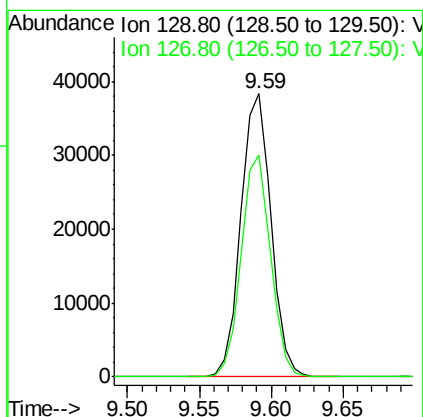
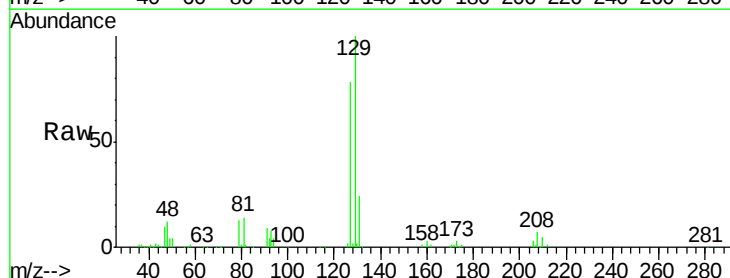
Instrument :
MSVOA_X
ClientSampleId :

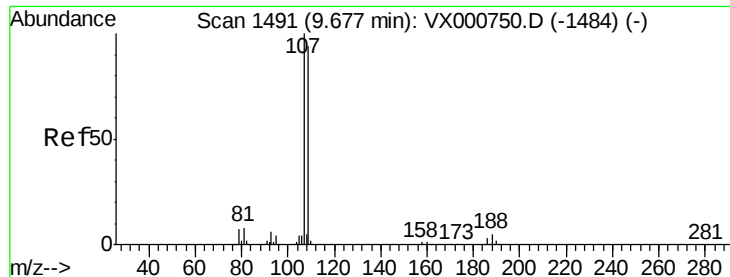
Tot Ion: 43 Resp: 271792
Ion Ratio Lower Upper
43 100
58 52.5 26.5 79.5



#60
Dibromochloromethane
Concen: 18.520 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

Tgt Ion:129 Resp: 55420
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.1





#61

1,2-Dibromoethane

Concen: 21.379 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Instrument :

MSVOA_X

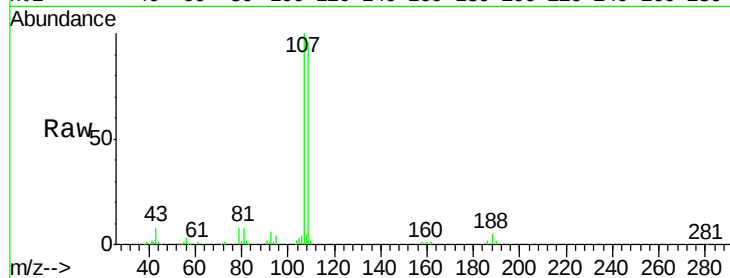
ClientSampleId :

Tot Ion:107 Resp: 56720

Ion Ratio Lower Upper

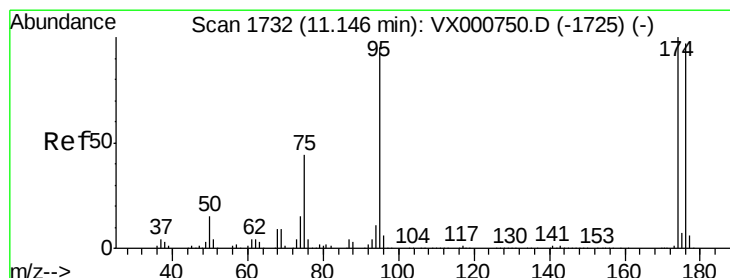
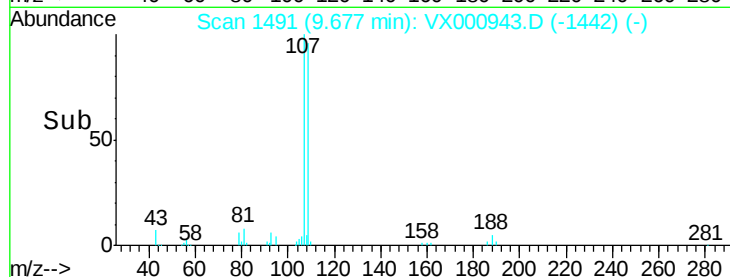
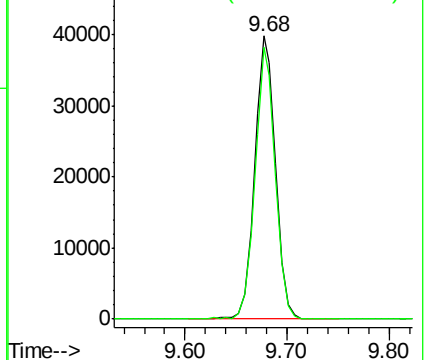
107 100

109 94.3 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.260 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

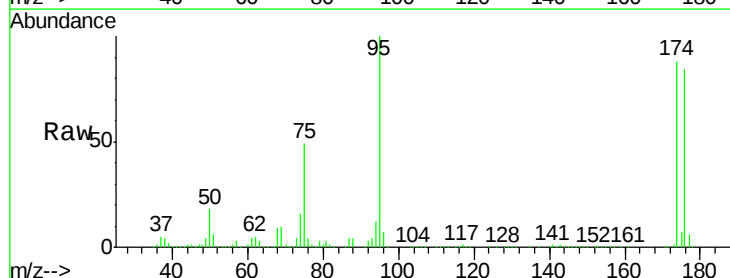
Tgt Ion: 95 Resp: 181414

Ion Ratio Lower Upper

95 100

174 97.7 0.0 198.4

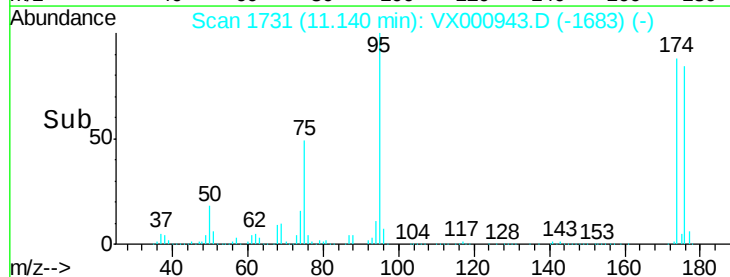
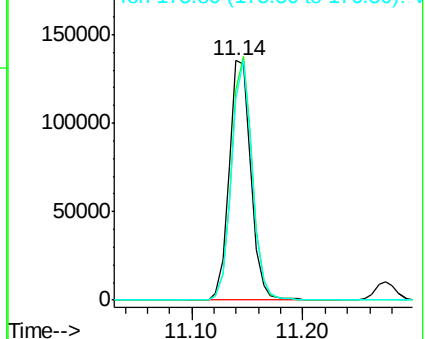
176 95.2 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

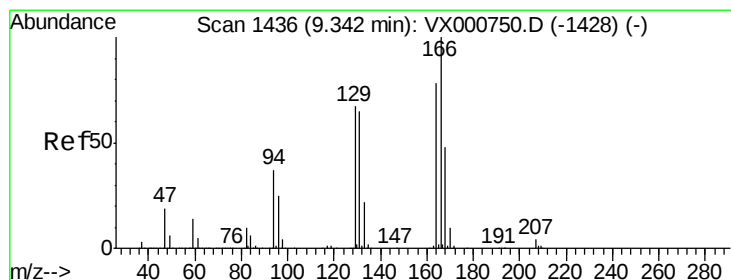
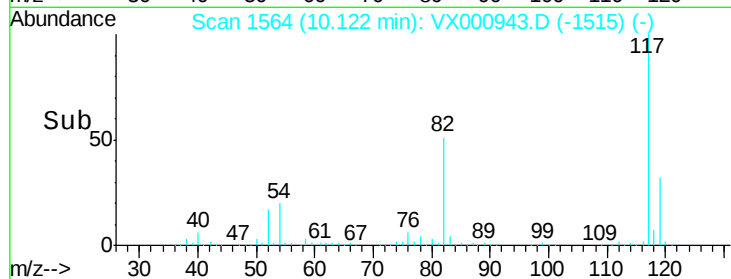
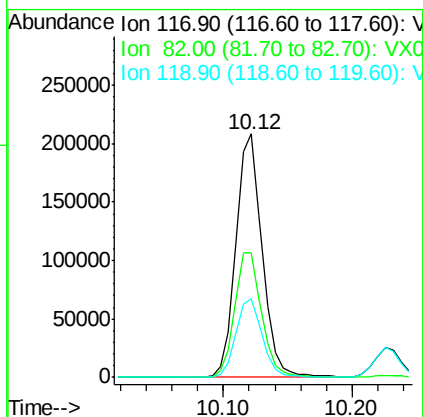
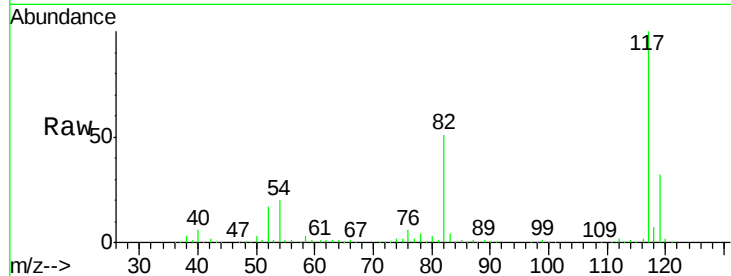




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

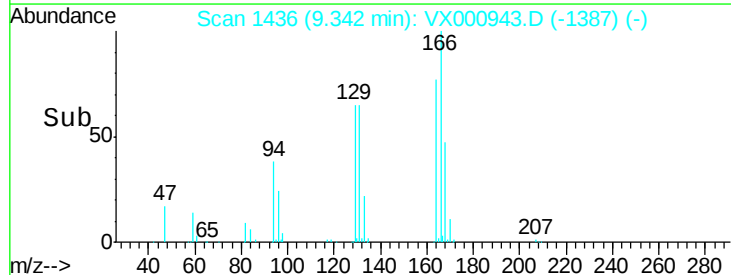
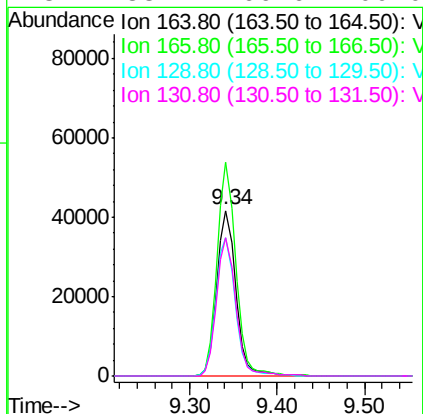
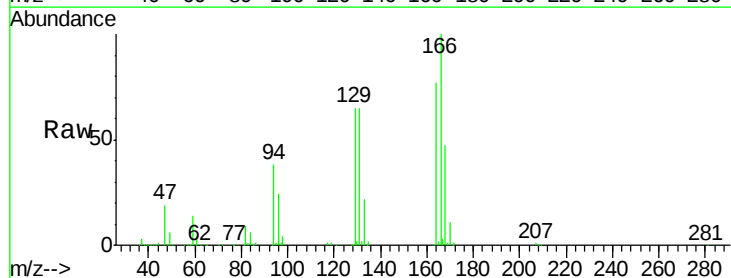
Instrument :
MSVOA_X
ClientSampled :

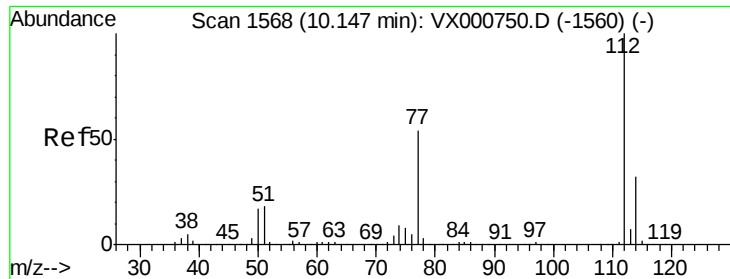
Tot Ion:117 Resp: 295387
Ion Ratio Lower Upper
117 100
82 51.2 41.9 62.9
119 32.1 26.0 39.0



#64
Tetrachloroethene
Concen: 21.836 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

Tgt Ion:164 Resp: 63066
Ion Ratio Lower Upper
164 100
166 129.1 102.8 154.2
129 83.6 68.5 102.7
131 83.4 66.6 100.0

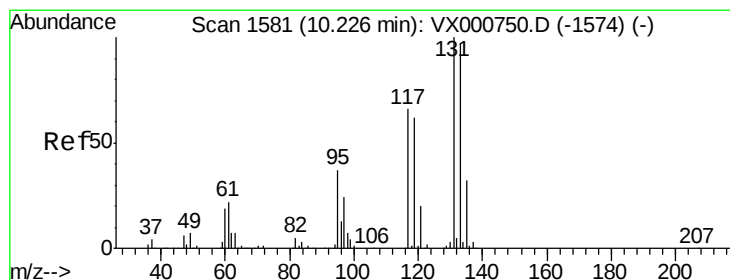
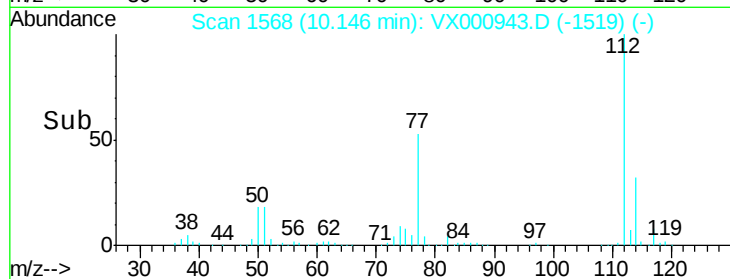
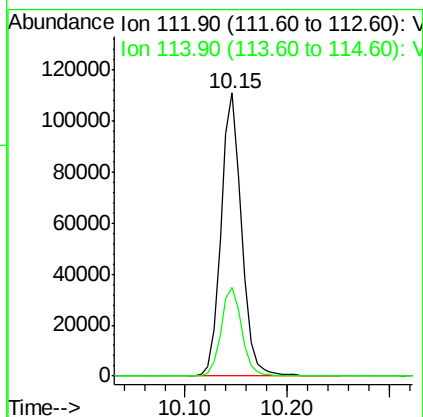
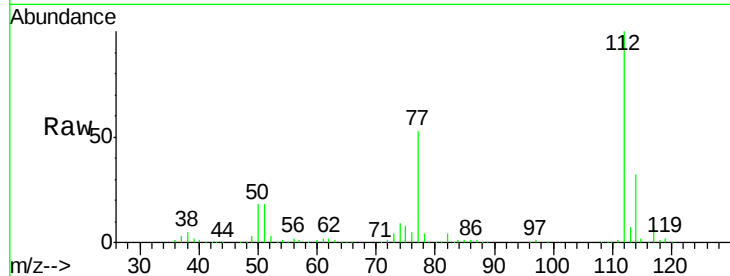




#65
Chlorobenzene
Concen: 20.949 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

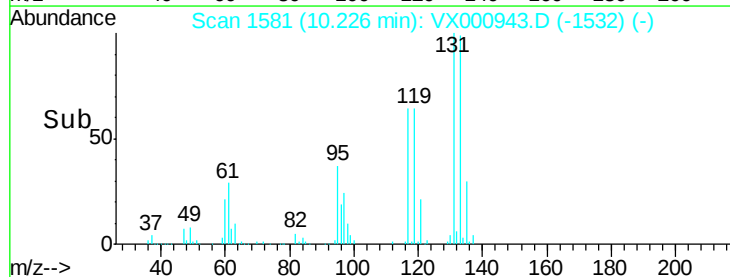
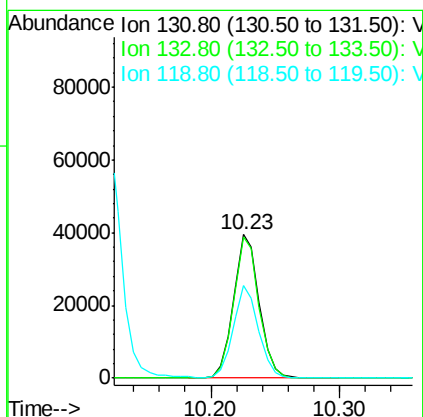
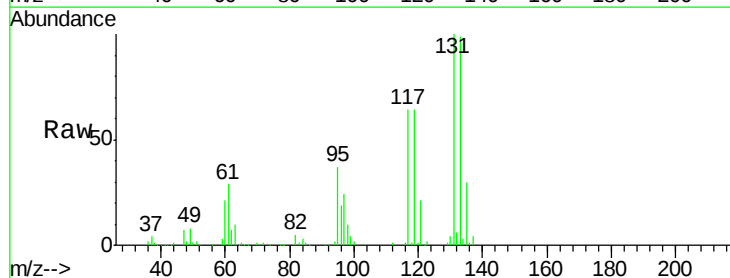
Instrument :
MSVOA_X
ClientSampled :

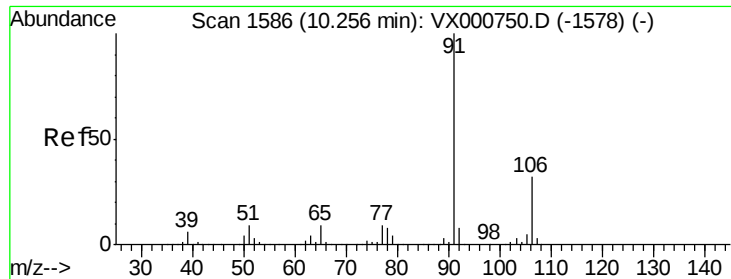
Tot Ion:112 Resp: 155661
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.542 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

Tgt Ion:131 Resp: 54655
Ion Ratio Lower Upper
131 100
133 97.5 48.3 144.9
119 63.7 31.4 94.0

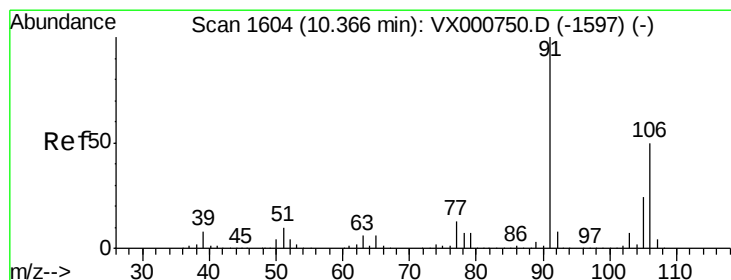
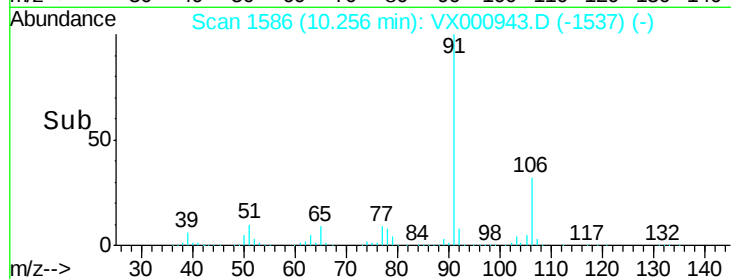
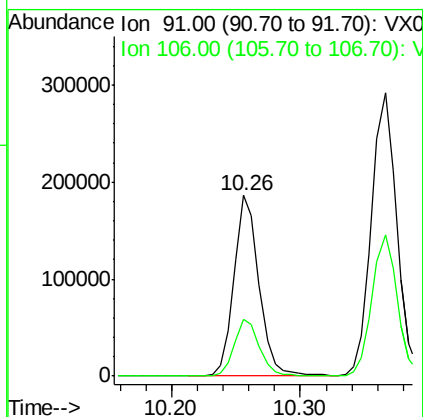
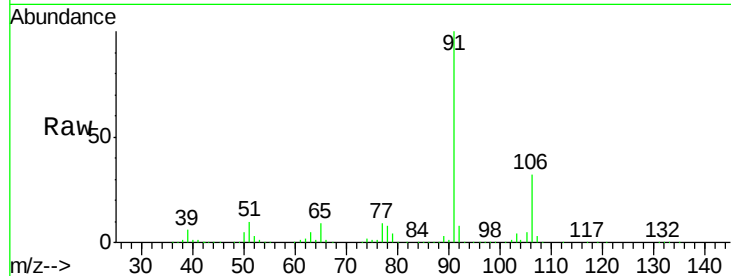




#67
Ethyl Benzene
Concen: 20.465 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

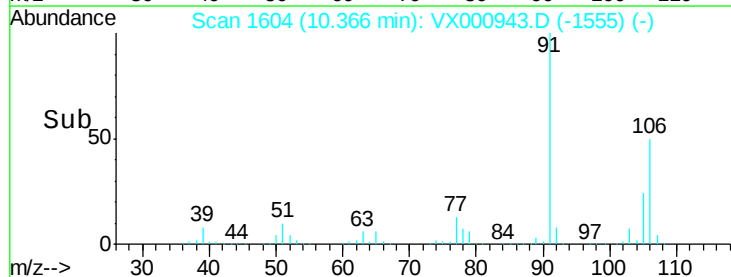
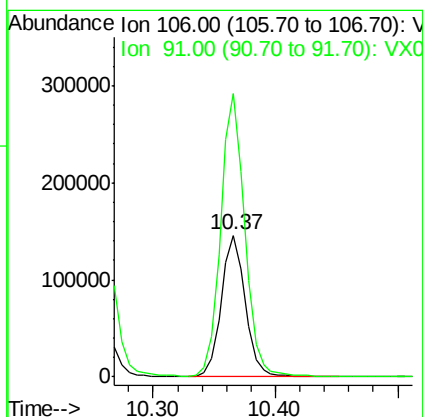
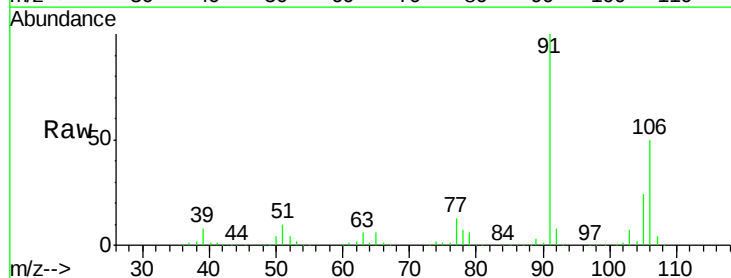
Instrument :
MSVOA_X
ClientSampleId :

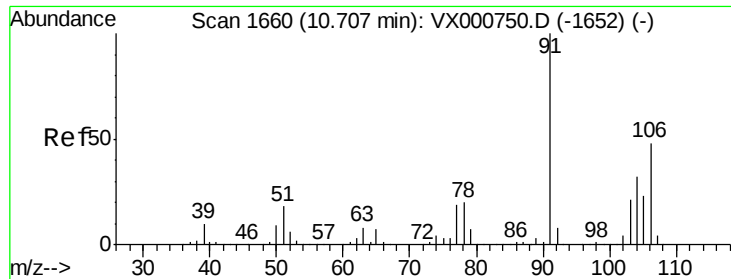
Tot Ion: 91 Resp: 253535
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0



#68
m/p-Xylenes
Concen: 40.445 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

Tgt Ion: 106 Resp: 197772
Ion Ratio Lower Upper
106 100
91 202.2 159.3 238.9

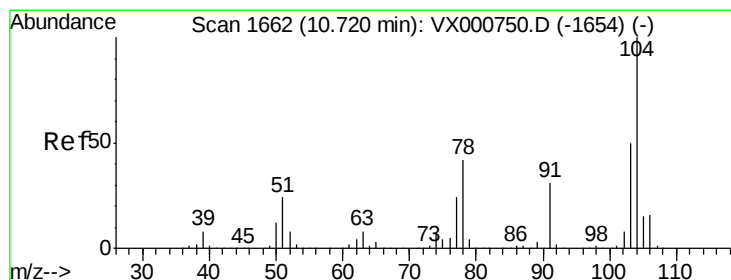
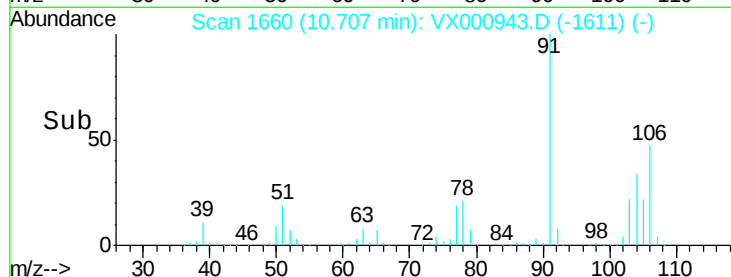
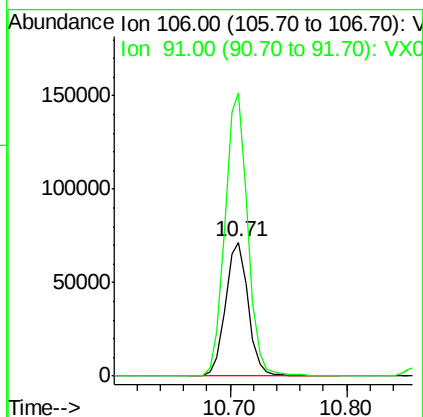
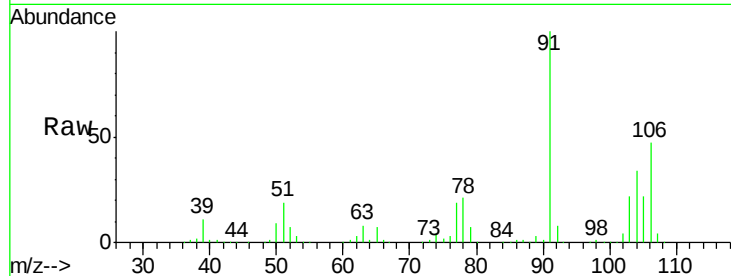




#69
o-Xylene
Concen: 20.485 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

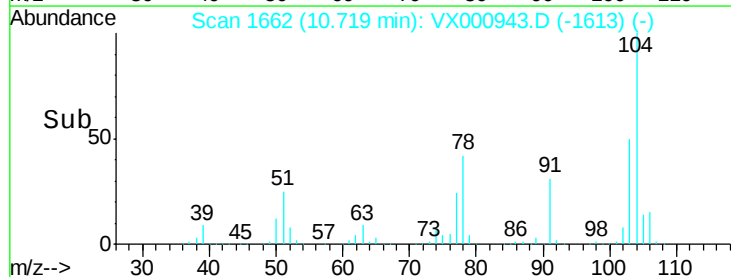
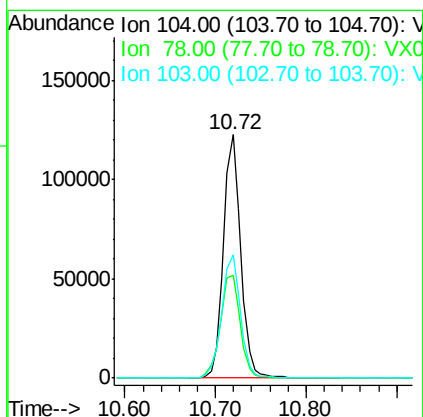
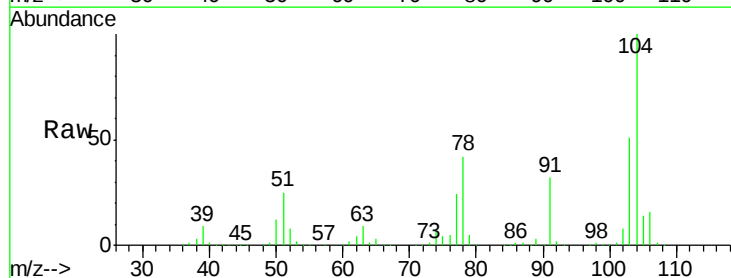
Instrument :
MSVOA_X
ClientSampled :

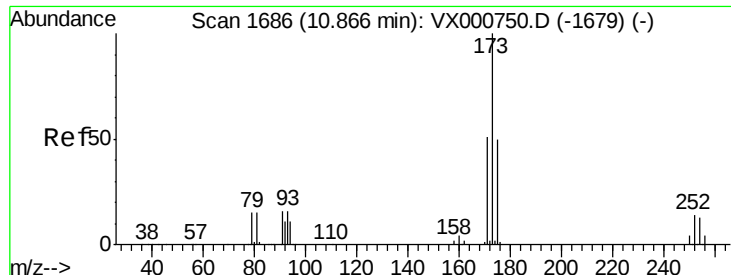
Tot Ion:106 Resp: 96544
Ion Ratio Lower Upper
106 100
91 211.9 105.0 315.0



#70
Styrene
Concen: 20.577 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

Tgt Ion:104 Resp: 163492
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.6
103 55.2 44.1 66.1

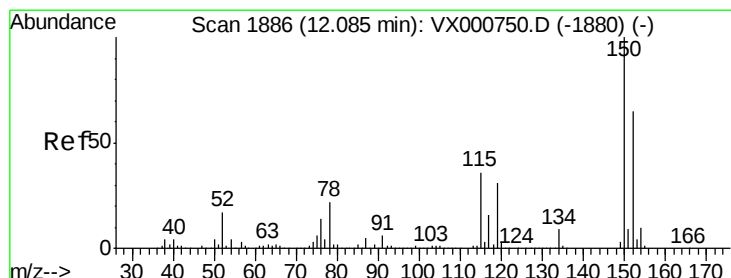
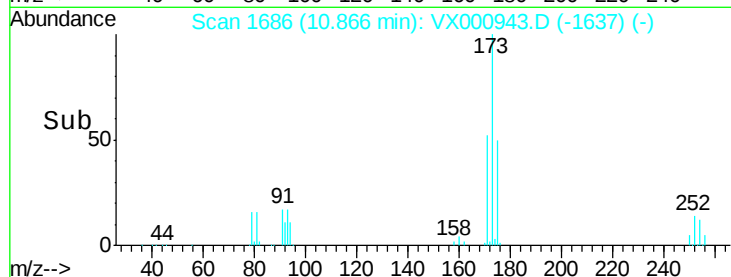
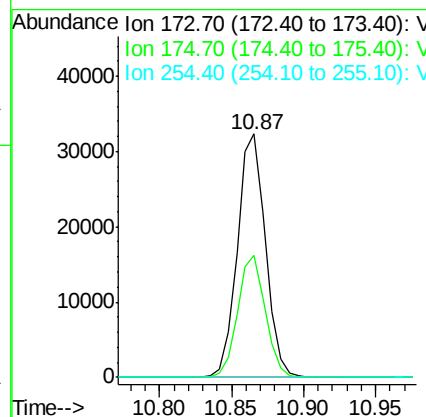
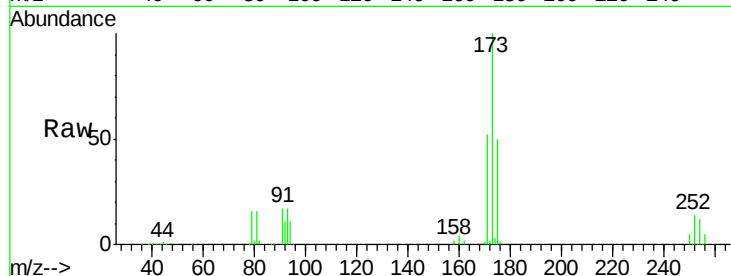




#71
Bromoform
Concen: 16.960 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

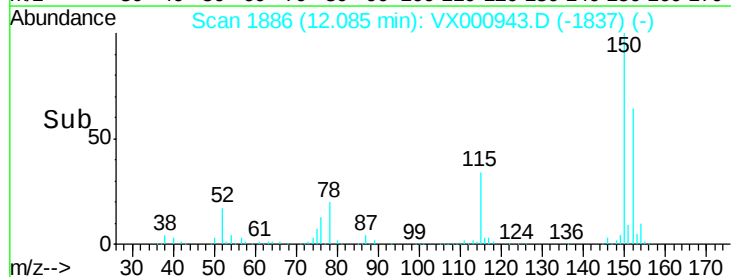
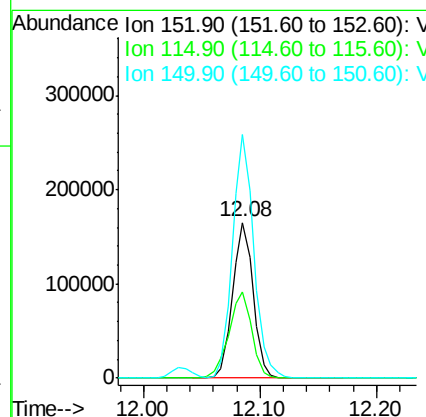
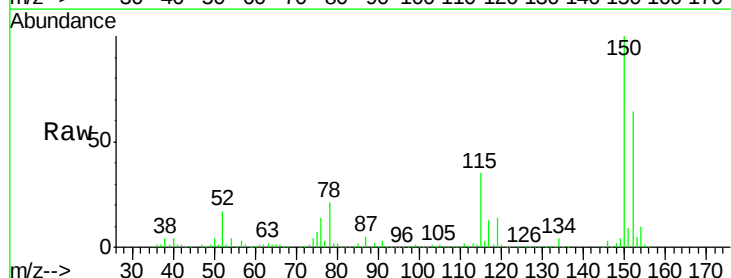
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:173 Resp: 43919
Ion Ratio Lower Upper
173 100
175 49.2 24.5 73.5
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

Tgt Ion:152 Resp: 201412
Ion Ratio Lower Upper
152 100
115 62.1 37.9 113.7
150 163.0 0.0 348.0





#73

Isopropylbenzene

Concen: 20.584 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Instrument :

MSVOA_X

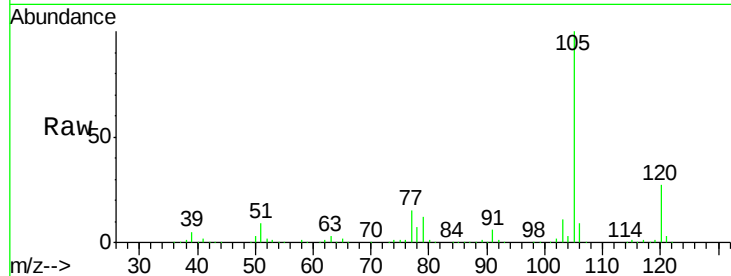
ClientSampleId :

Tot Ion:105 Resp: 263010

Ion Ratio Lower Upper

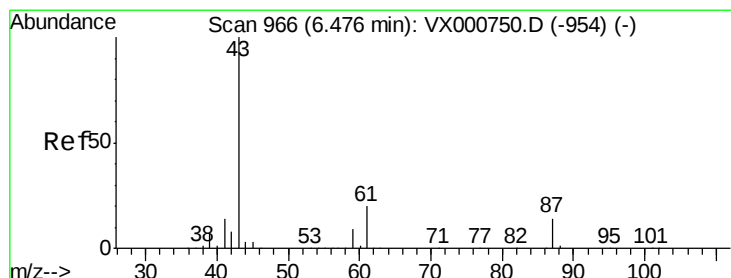
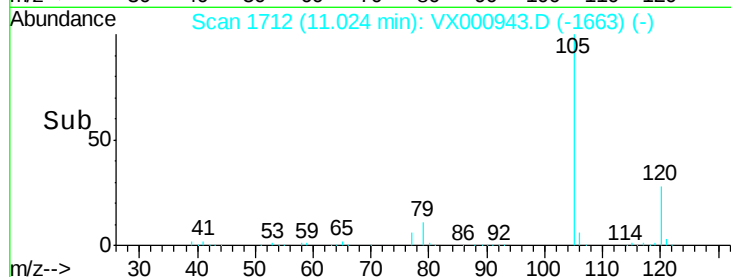
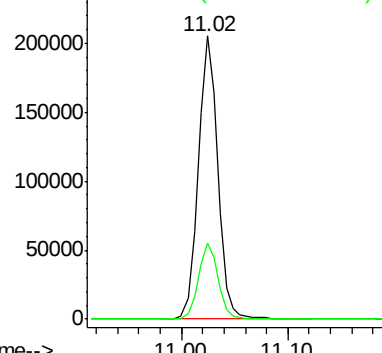
105 100

120 27.1 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.561 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Tgt Ion: 43 Resp: 118308

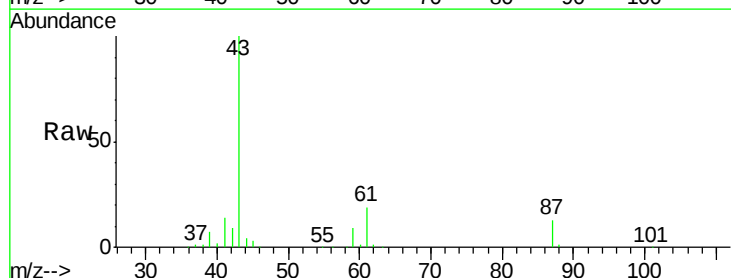
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.0 15.6 23.4

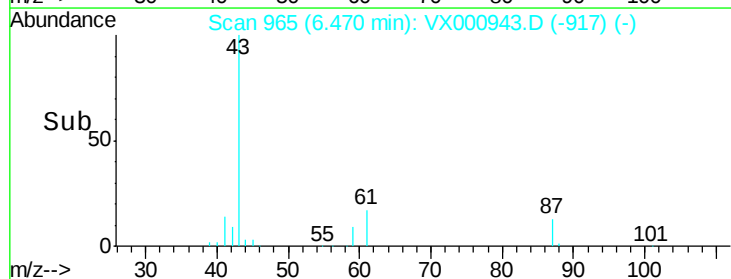
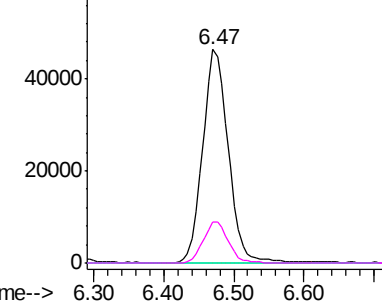


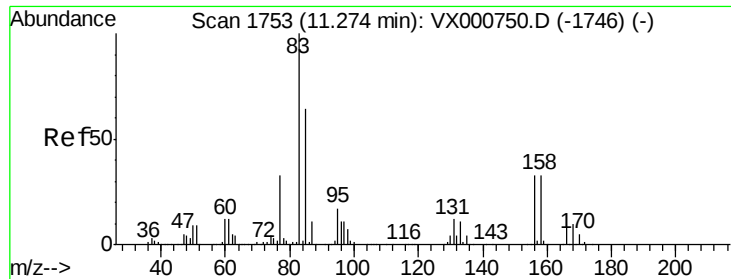
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.010 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

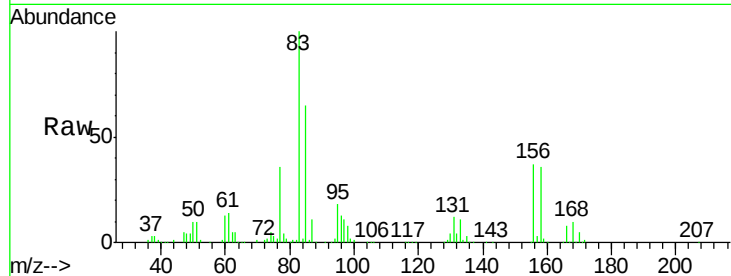
Tot Ion: 83 Resp: 77909

Ion Ratio Lower Upper

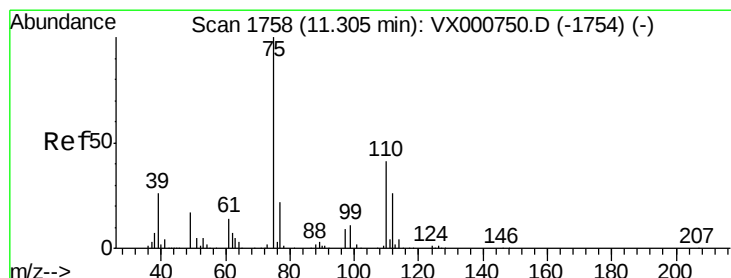
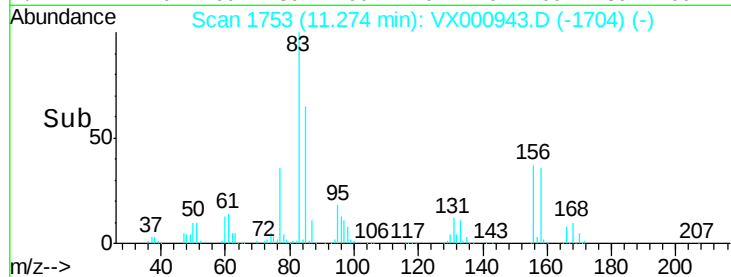
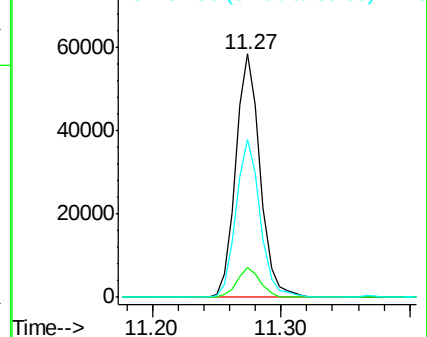
83 100

131 11.6 6.0 18.0

85 64.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.171 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000943.D

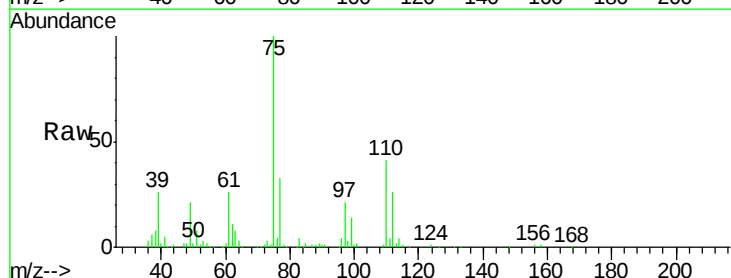
Acq: 17 Apr 2018 02:27

Tgt Ion: 75 Resp: 83960

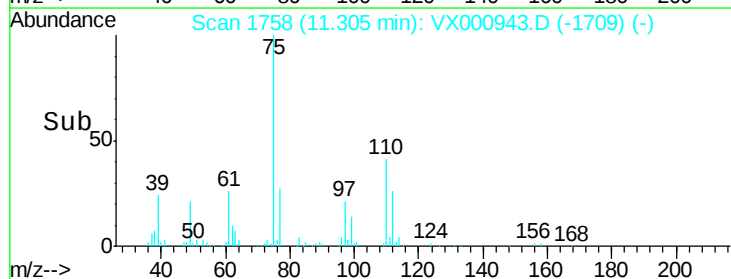
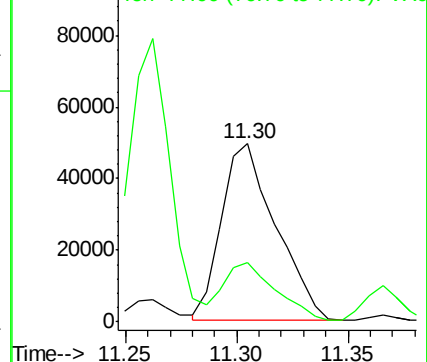
Ion Ratio Lower Upper

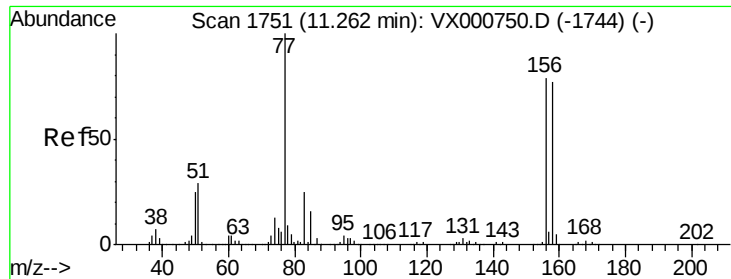
75 100

77 32.6 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.361 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

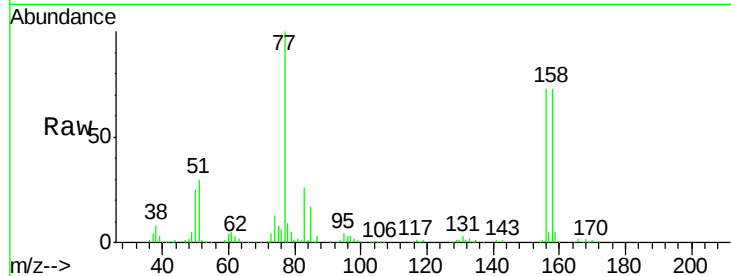
Tot Ion:156 Resp: 76242

Ion Ratio Lower Upper

156 100

77 136.3 66.0 198.2

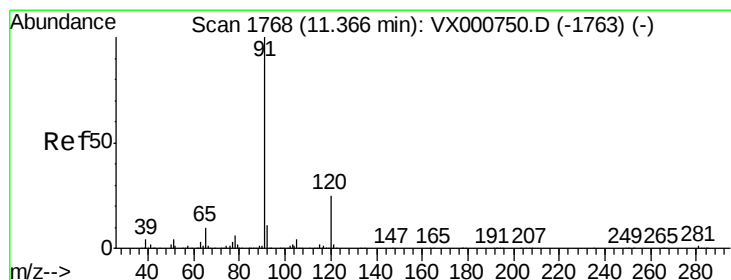
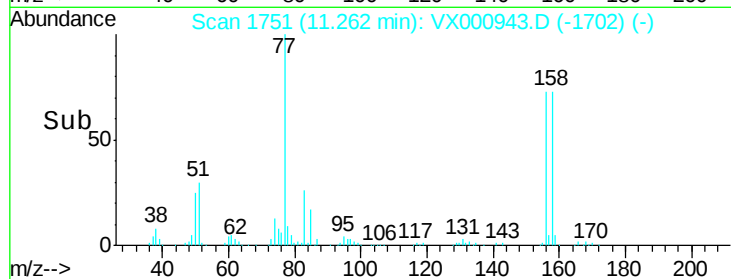
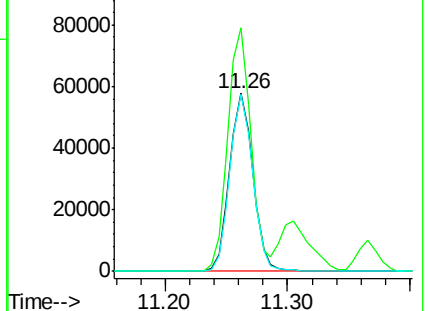
158 97.7 48.8 146.4



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: 20.409 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000943.D

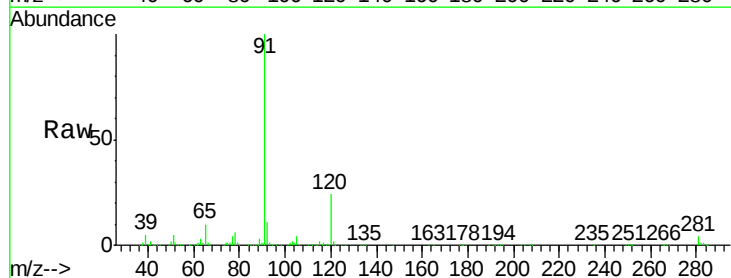
Acq: 17 Apr 2018 02:27

Tgt Ion: 91 Resp: 298282

Ion Ratio Lower Upper

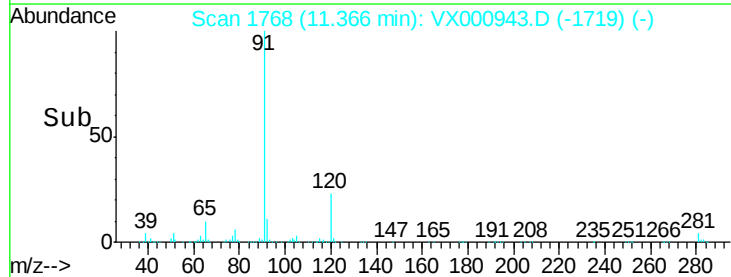
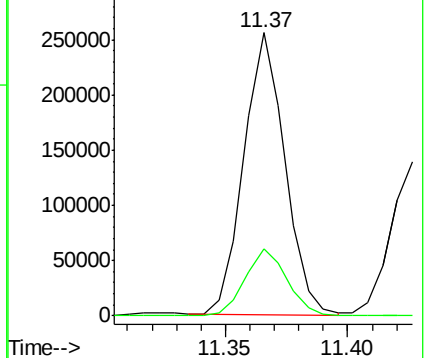
91 100

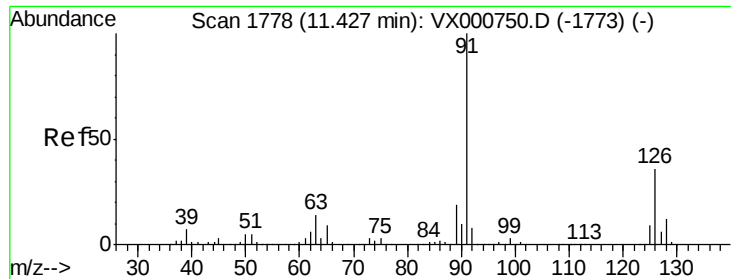
120 24.6 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

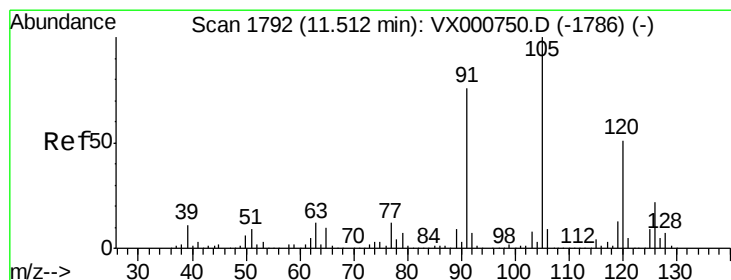
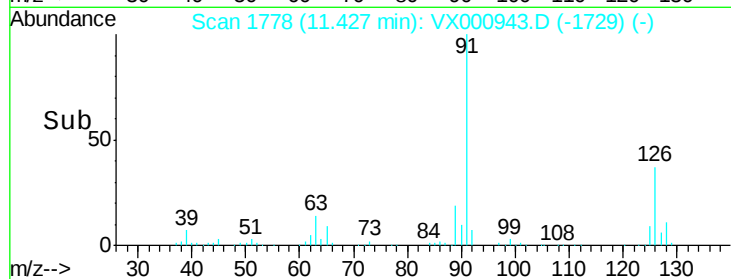
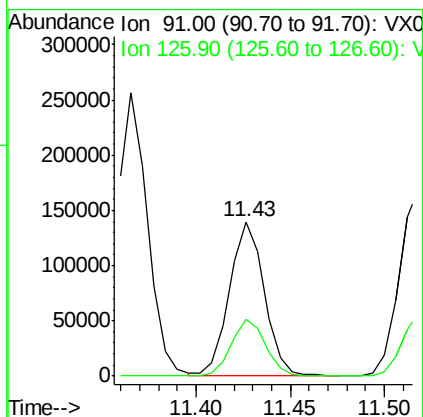
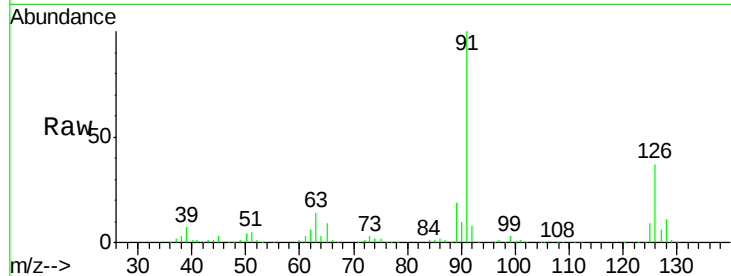




#79
 2-Chlorotoluene
 Concen: 20.542 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000943.D
 Acq: 17 Apr 2018 02:27

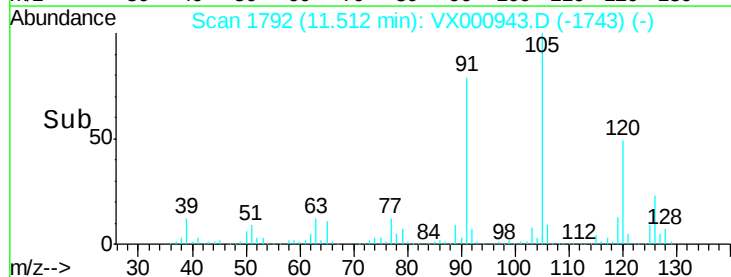
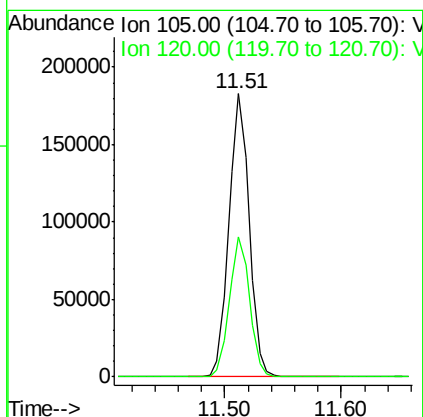
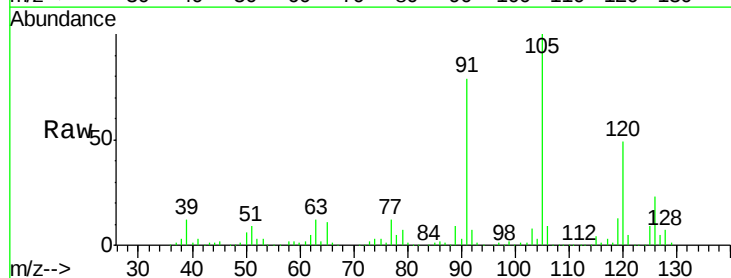
Instrument :
 MSVOA_X
 ClientSampleId :

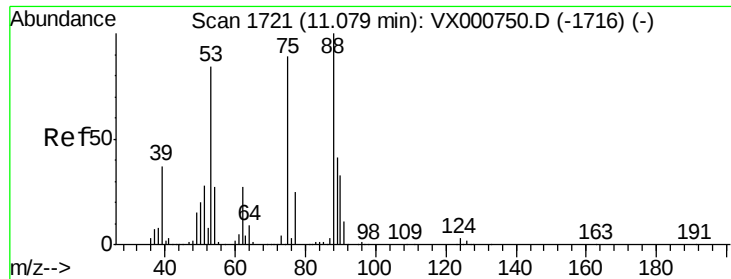
Tot Ion: 91 Resp: 177442
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.3 54.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.166 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000943.D
 Acq: 17 Apr 2018 02:27

Tgt Ion: 105 Resp: 221607
 Ion Ratio Lower Upper
 105 100
 120 49.4 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 13.878 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Instrument :

MSVOA_X

ClientSampled :

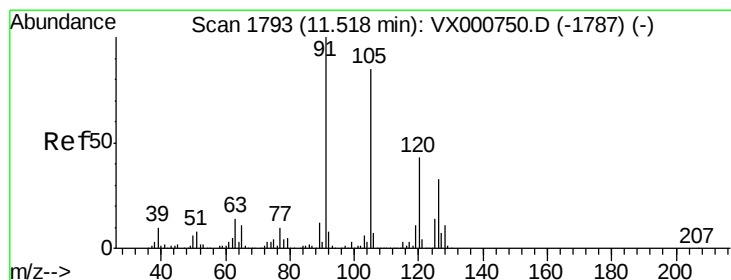
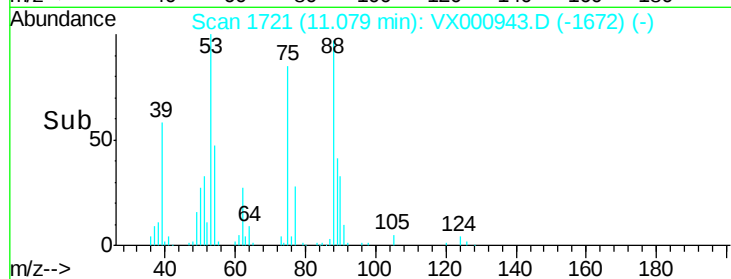
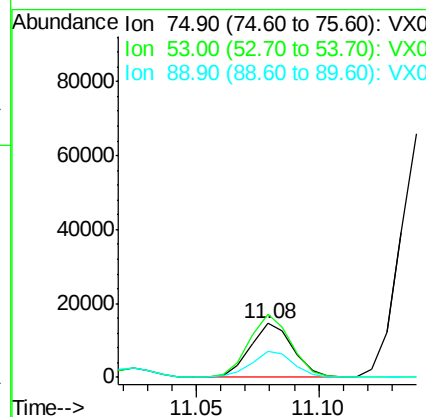
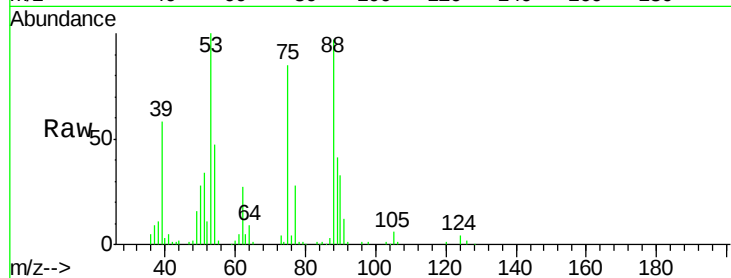
Tot Ion: 75 Resp: 17525

Ion Ratio Lower Upper

75 100

53 116.9 75.4 113.0#

89 48.3 40.9 61.3



#82

4-Chlorotoluene

Concen: 20.496 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000943.D

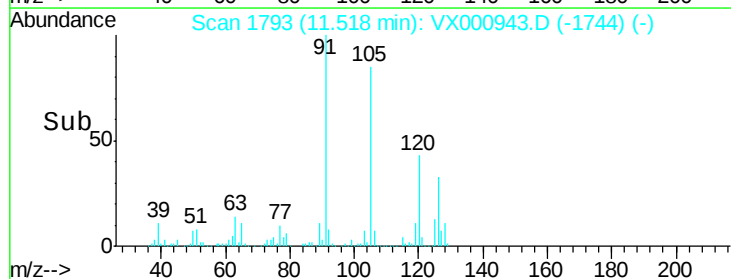
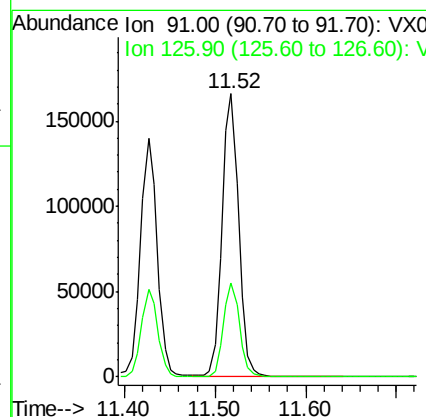
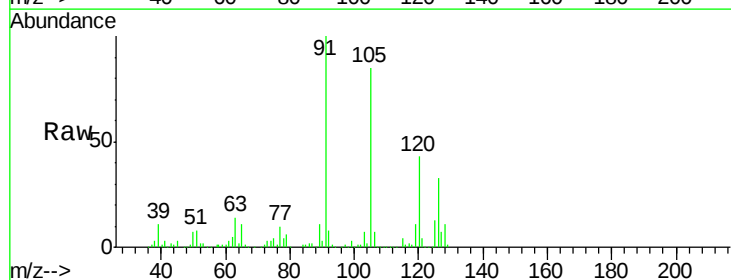
Acq: 17 Apr 2018 02:27

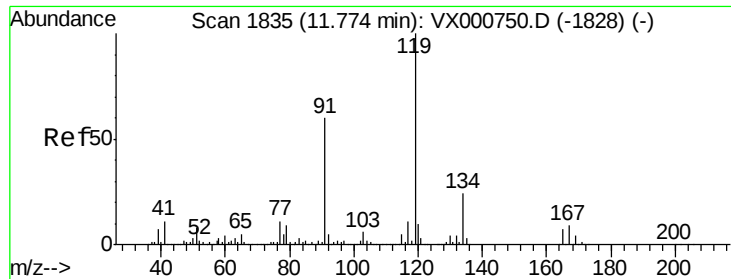
Tgt Ion: 91 Resp: 213701

Ion Ratio Lower Upper

91 100

126 32.2 16.2 48.6

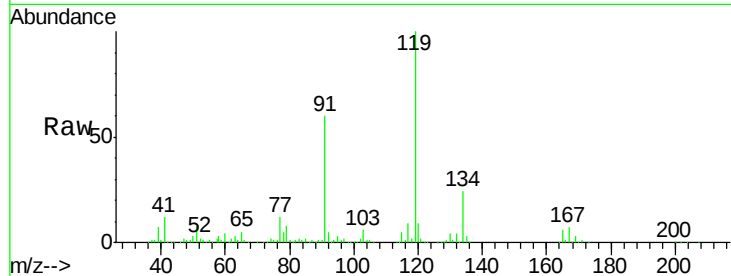




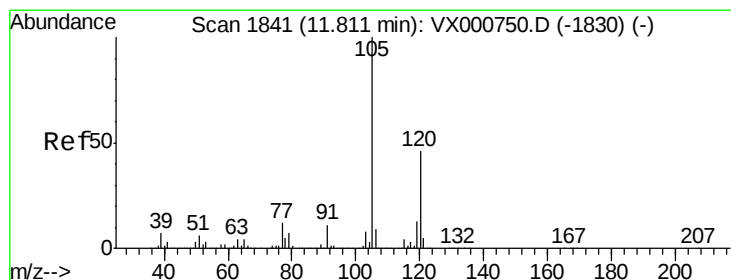
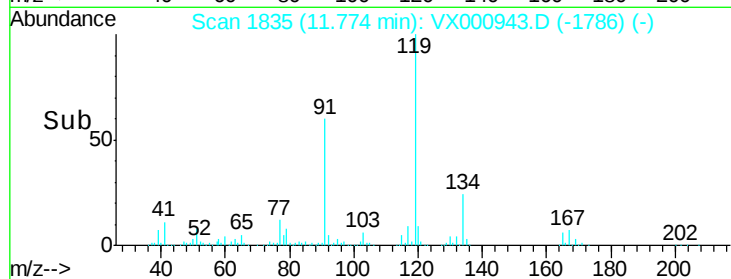
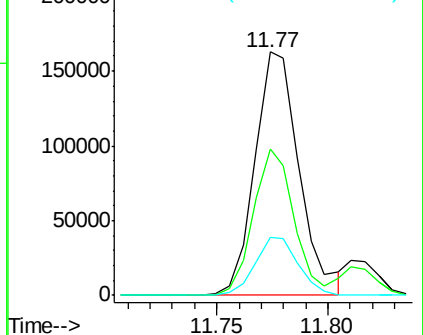
#83
tert-Butylbenzene
Concen: 20.139 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:119 Resp: 226410
Ion Ratio Lower Upper
119 100
91 54.9 26.8 80.3
134 23.3 11.5 34.4

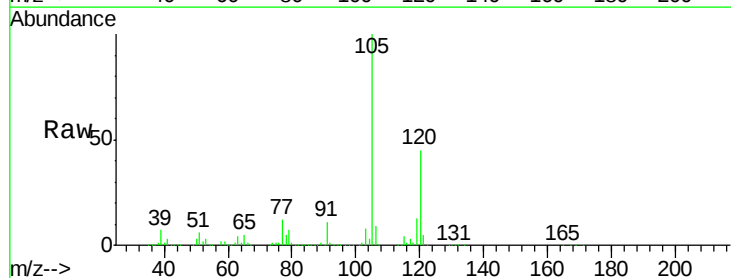


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V

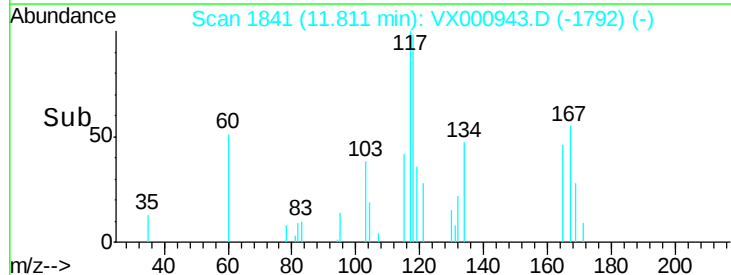
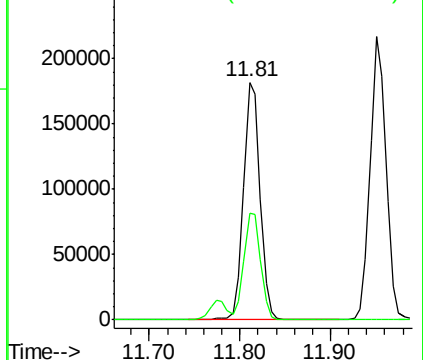


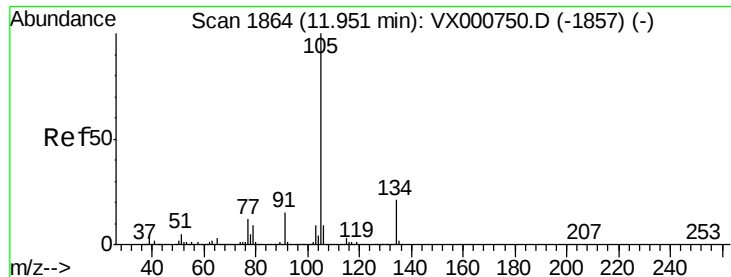
#84
1,2,4-Trimethylbenzene
Concen: 20.296 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

Tgt Ion:105 Resp: 230242
Ion Ratio Lower Upper
105 100
120 45.5 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.927 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Instrument :

MSVOA_X

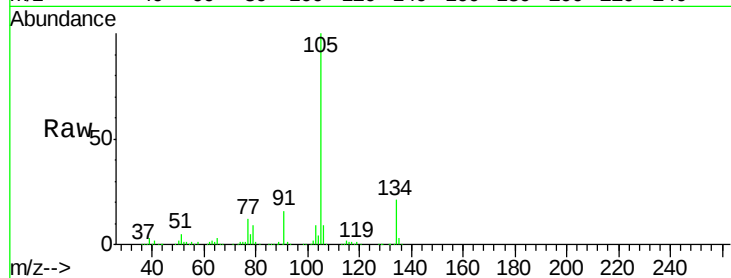
ClientSampleId :

Tot Ion:105 Resp: 264279

Ion Ratio Lower Upper

105 100

134 21.2 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

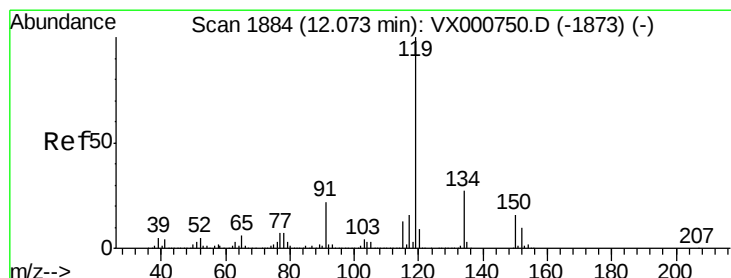
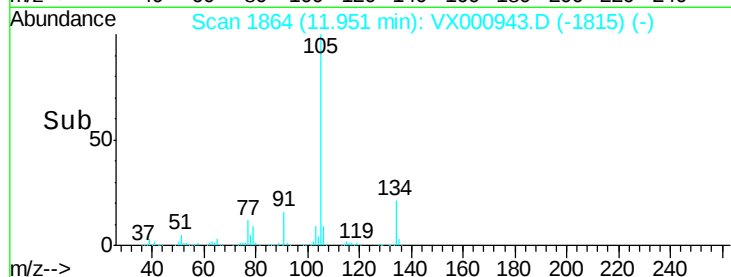
100000

50000

0

11.90 11.95 12.00 12.05

Time-->



#86

p-Isopropyltoluene

Concen: 19.741 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

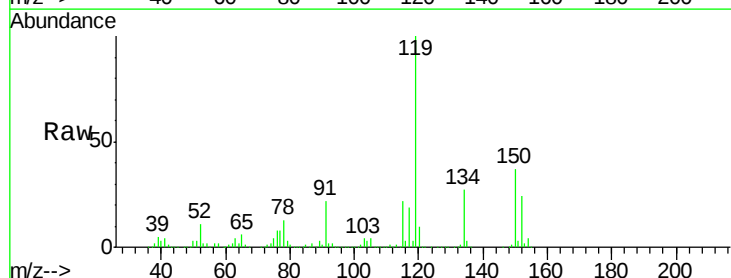
Tgt Ion:119 Resp: 244155

Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

91 22.8 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

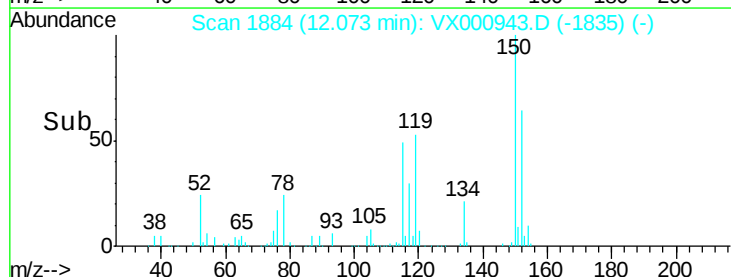
100000

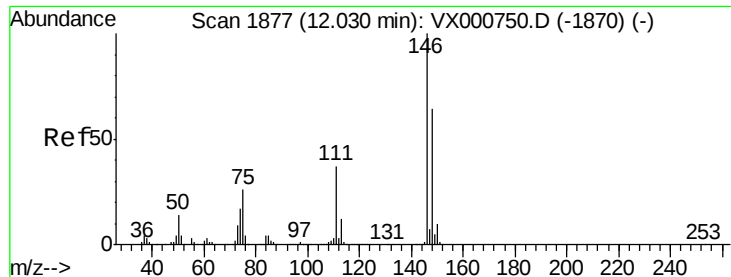
50000

0

12.00 12.05 12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.273 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Instrument :

MSVOA_X

ClientSampleId :

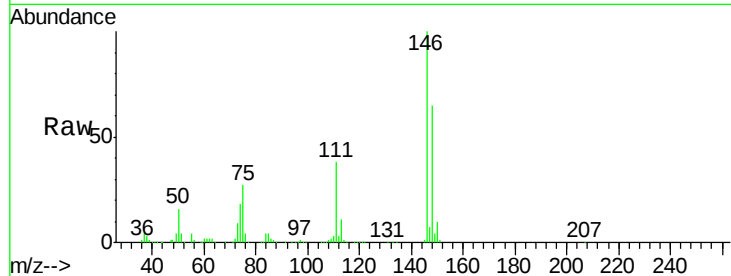
Tot Ion:146 Resp: 140515

Ion Ratio Lower Upper

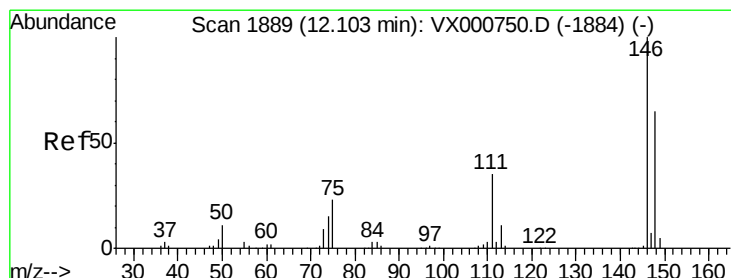
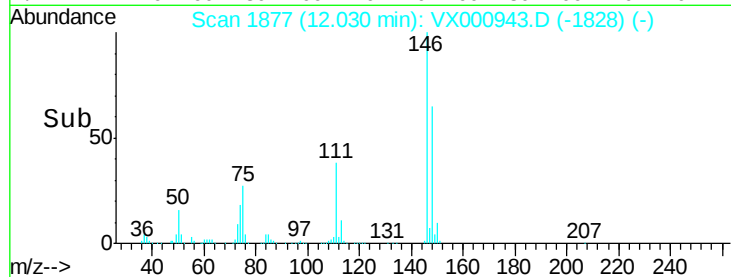
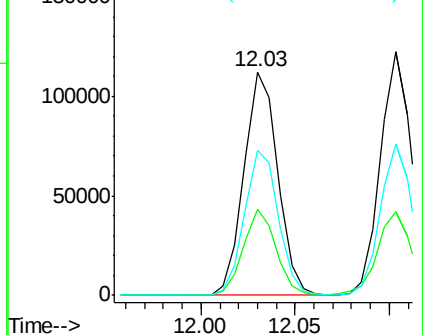
146 100

111 37.2 18.3 54.8

148 65.0 32.2 96.6



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: 20.571 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

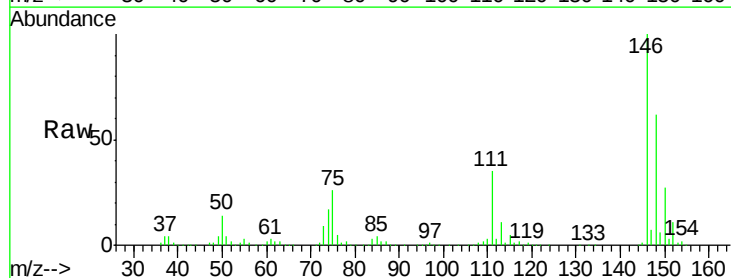
Tgt Ion:146 Resp: 146116

Ion Ratio Lower Upper

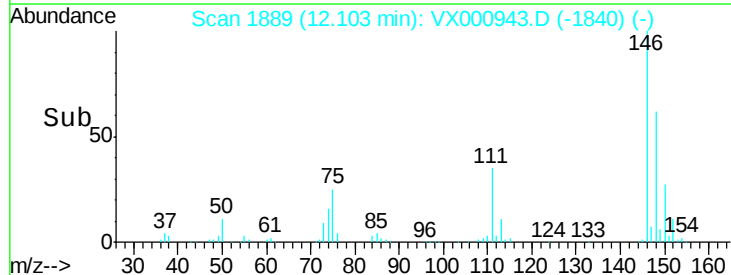
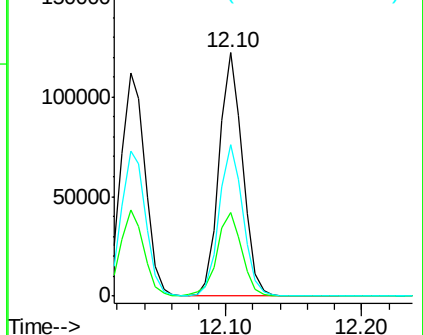
146 100

111 36.3 17.9 53.8

148 63.4 32.6 97.7



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

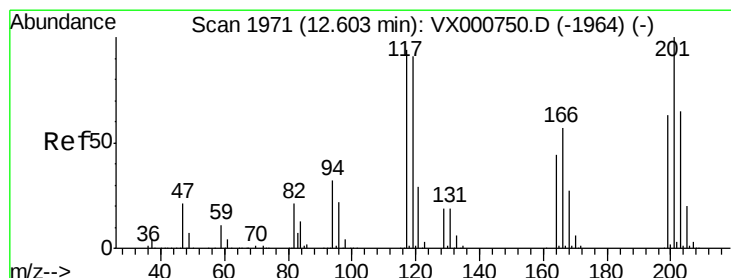
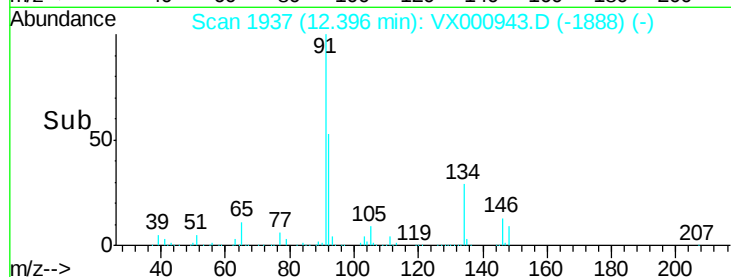
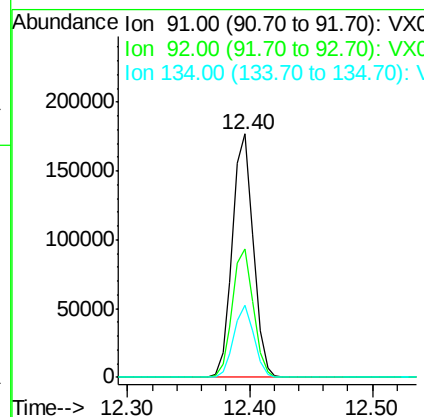
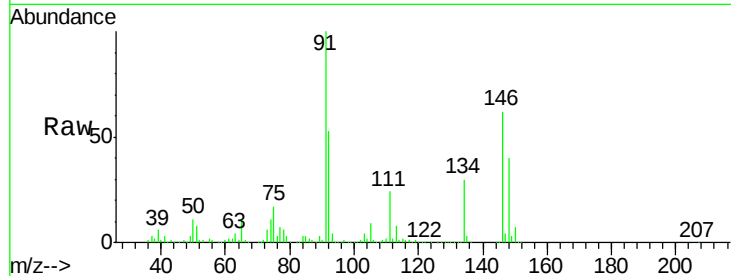




#89
n-Butylbenzene
Concen: 19.058 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

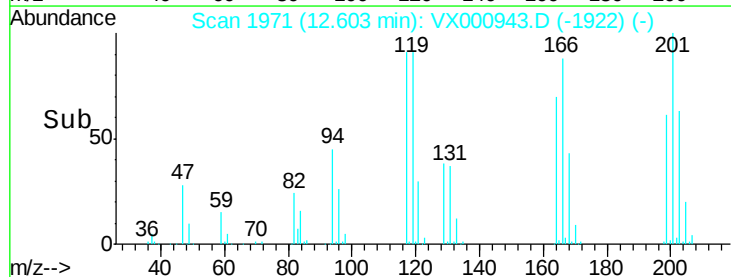
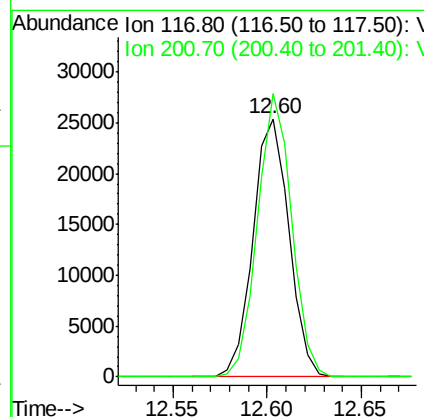
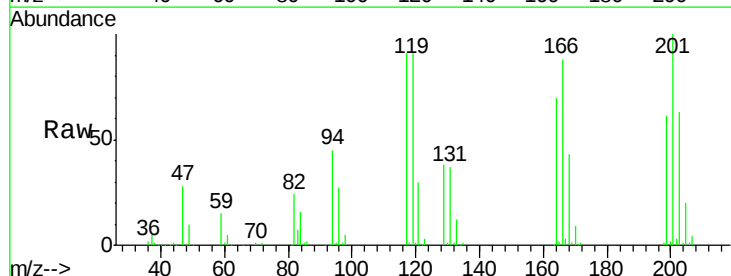
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 208042
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 28.6 14.5 43.5



#90
Hexachloroethane
Concen: 16.015 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

Tgt Ion: 117 Resp: 33515
Ion Ratio Lower Upper
117 100
201 104.2 52.9 158.7





#91

1,2-Dichlorobenzene

Concen: 20.758 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

Instrument :

MSVOA_X

ClientSampled :

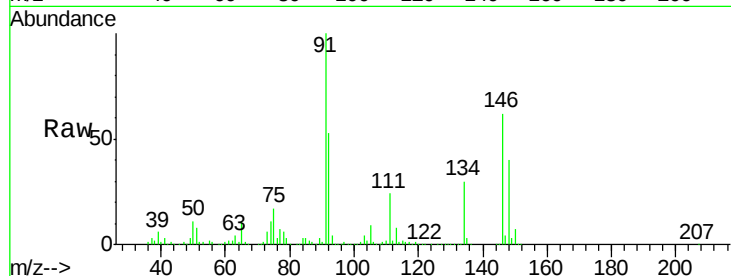
Tot Ion:146 Resp: 138892

Ion Ratio Lower Upper

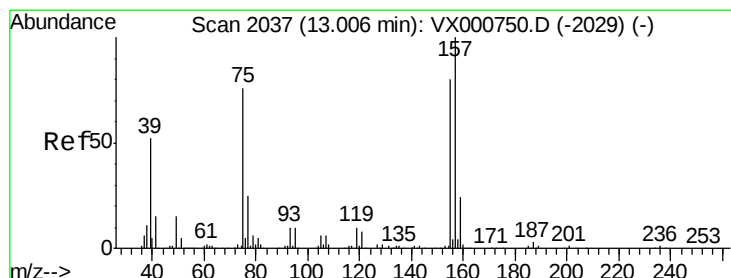
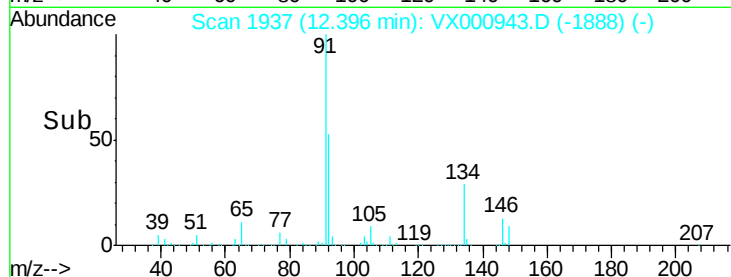
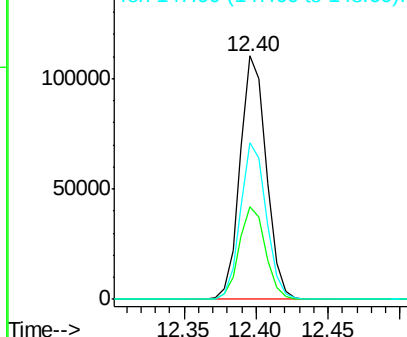
146 100

111 38.2 18.9 56.7

148 63.7 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



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.970 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX000943.D

Acq: 17 Apr 2018 02:27

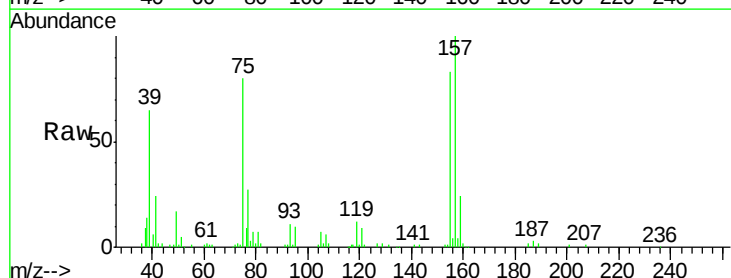
Tgt Ion: 75 Resp: 15767

Ion Ratio Lower Upper

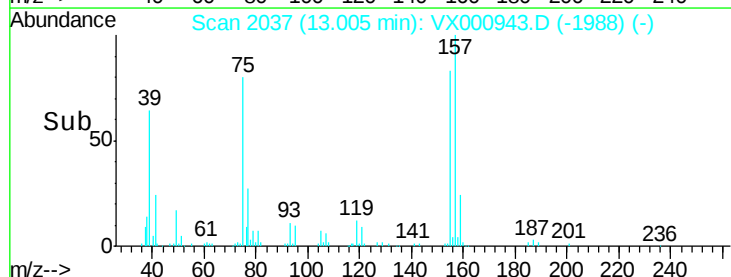
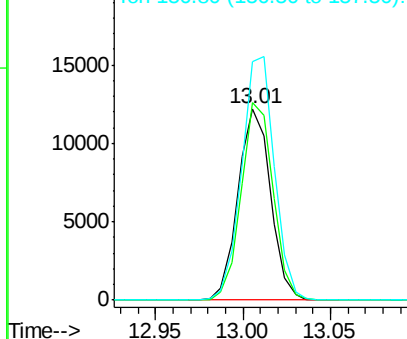
75 100

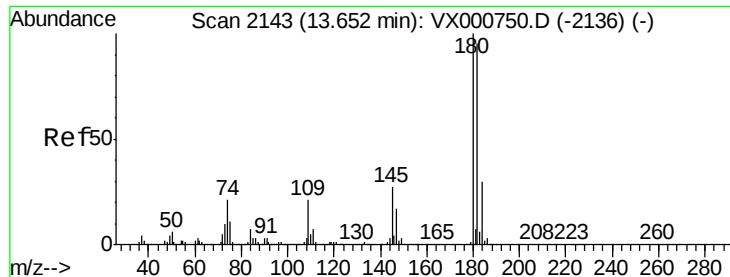
155 101.3 51.9 155.8

157 128.2 66.6 199.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

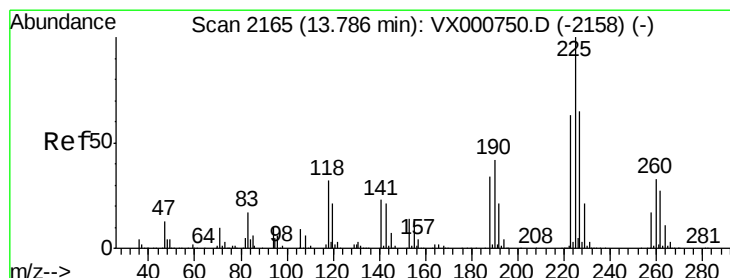
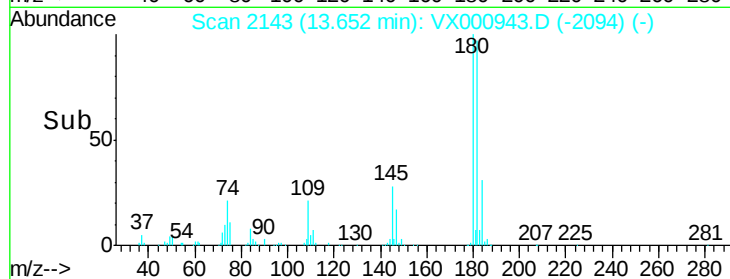
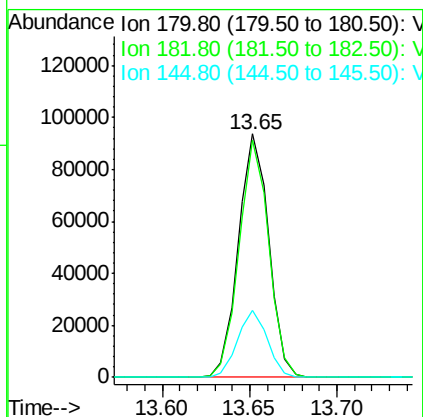
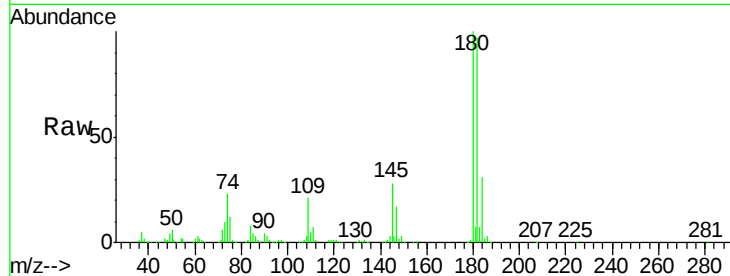




#93
 1,2,4-Trichlorobenzene
 Concen: 19.752 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000943.D
 Acq: 17 Apr 2018 02:27

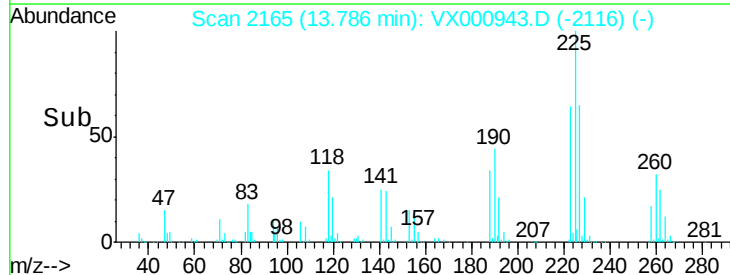
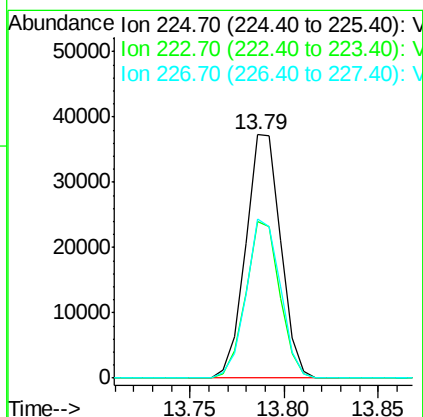
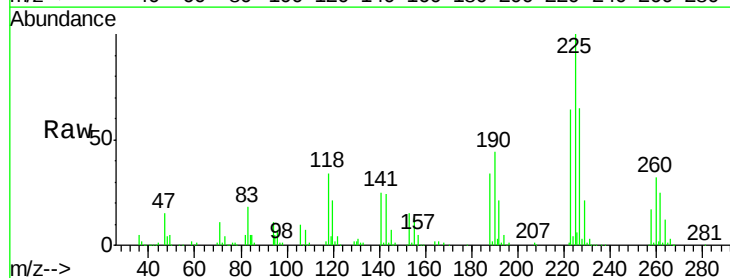
Instrument :
 MSVOA_X
 ClientSampleId :

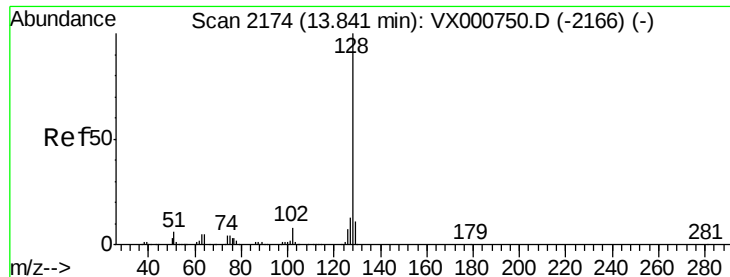
Tot Ion:180 Resp: 112775
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.5 142.5
 145 27.2 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 17.059 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000943.D
 Acq: 17 Apr 2018 02:27

Tgt Ion:225 Resp: 47892
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.2 93.6
 227 64.0 32.3 96.9

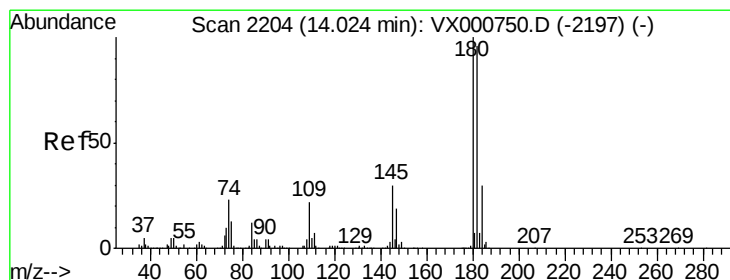
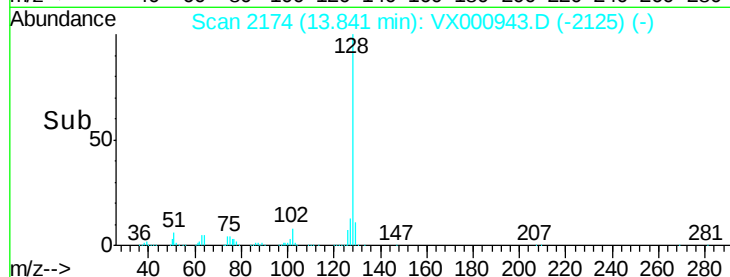
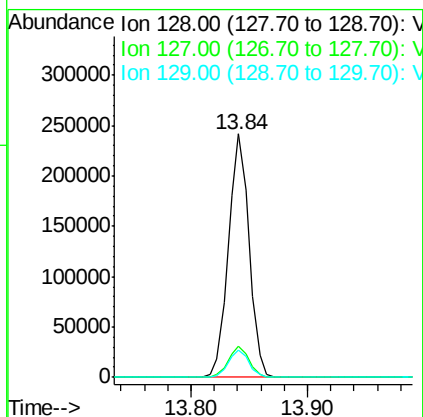
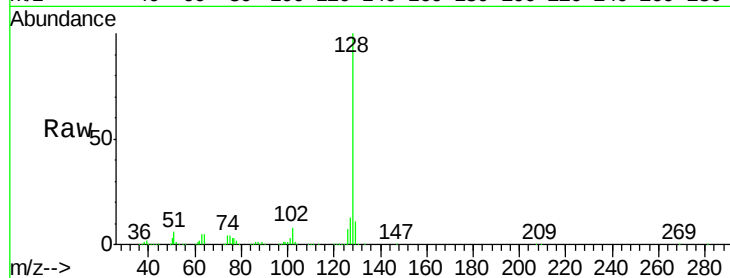




#95
Naphthalene
Concen: 20.241 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 296639
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.835 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX000943.D
Acq: 17 Apr 2018 02:27

Tgt Ion:180 Resp: 109995
Ion Ratio Lower Upper
180 100
182 96.0 48.4 145.2
145 29.1 14.6 43.8

