

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030218\
 Data File : VX000204.D
 Acq On : 02 Mar 2018 20:41
 Operator : JC/MD
 Sample : VX0302WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 03 04:44:53 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	125194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	214201	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	214589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121210	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	76085	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
35) Dibromofluoromethane	5.52	113	58717	43.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.86%	
50) Toluene-d8	8.73	98	232431	43.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.16%	
62) 4-Bromofluorobenzene	11.15	95	92041	44.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	36980	28.69	ug/l	99
3) Chloromethane	1.32	50	32097	25.39	ug/l	98
4) Vinyl Chloride	1.41	62	37531	26.65	ug/l	99
5) Bromomethane	1.65	94	35365	30.74	ug/l	98
6) Chloroethane	1.73	64	23423	24.76	ug/l	97
7) Trichlorofluoromethane	1.93	101	60341	23.96	ug/l	97
8) Diethyl Ether	2.20	74	20707	23.83	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31955	22.70	ug/l	97
10) Methyl Iodide	2.52	142	20491	13.29	ug/l	97
11) Tert butyl alcohol	3.07	59	63107	104.75	ug/l	98
12) 1,1-Dichloroethene	2.38	96	30880	23.55	ug/l	89
13) Acrolein	2.30	56	35050	121.80	ug/l	97
14) Allyl chloride	2.74	41	52737	24.03	ug/l	95
15) Acrylonitrile	3.15	53	121511	118.10	ug/l	99
16) Acetone	2.45	43	124372	122.66	ug/l	97
17) Carbon Disulfide	2.57	76	75845	19.65	ug/l	100
18) Methyl Acetate	2.79	43	56335	23.69	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	104766	23.28	ug/l	98
20) Methylene Chloride	2.87	84	32746	24.52	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	32888	23.14	ug/l	93
22) Diisopropyl ether	3.88	45	80189	20.91	ug/l	90
23) Vinyl Acetate	3.84	43	391350	109.81	ug/l	95
24) 1,1-Dichloroethane	3.70	63	54961	24.19	ug/l	99
25) 2-Butanone	4.72	43	159643	112.78	ug/l	99
26) 2,2-Dichloropropane	4.60	77	38425	19.46	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	30767	22.72	ug/l	97
28) Bromochloromethane	5.03	49	18965	18.62	ug/l	87
29) Tetrahydrofuran	5.18	42	102821	111.54	ug/l	95
30) Chloroform	5.23	83	52230	21.84	ug/l	96
31) Cyclohexane	5.59	56	43921	22.48	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	47016	21.37	ug/l	96
36) 1,1-Dichloropropene	5.81	75	39776	20.69	ug/l	97
37) Ethyl Acetate	4.87	43	56039	21.22	ug/l	97
38) Carbon Tetrachloride	5.79	117	38928	18.75	ug/l	97

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	47837	20.67	ug/l	97
40) Benzene	6.16	78	116458	21.20	ug/l	100
41) Methacrylonitrile	5.07	41	28026	21.82	ug/l	96
42) 1,2-Dichloroethane	6.21	62	45922	22.79	ug/l	98
43) Isopropyl Acetate	6.48	43	81723	21.46	ug/l	97
44) Trichloroethene	7.22	130	32408	20.04	ug/l	94
45) 1,2-Dichloropropane	7.52	63	29800	22.14	ug/l	97
46) Dibromomethane	7.67	93	23118	22.01	ug/l	95
47) Bromodichloromethane	7.91	83	39546	20.38	ug/l	97
48) Methyl methacrylate	7.79	41	40384	21.63	ug/l	93
49) 1,4-Dioxane	7.77	88	17177	350.92	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	317735	114.14	ug/l	95
52) Toluene	8.79	92	78874	21.50	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	46787	20.51	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	45812	20.23	ug/l #	91
55) 1,1,2-Trichloroethane	9.23	97	32695	21.55	ug/l	97
56) Ethyl methacrylate	9.19	69	49564	21.29	ug/l	91
57) 1,3-Dichloropropane	9.38	76	53907	22.37	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	99334	84.40	ug/l	95
59) 2-Hexanone	9.51	43	268012	113.71	ug/l	96
60) Dibromochloromethane	9.59	129	31389	18.26	ug/l	99
61) 1,2-Dibromoethane	9.68	107	35158	20.88	ug/l	97
64) Tetrachloroethene	9.35	164	30594	19.58	ug/l	92
65) Chlorobenzene	10.15	112	90246	19.92	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	30189	19.04	ug/l	99
67) Ethyl Benzene	10.26	91	158278	20.81	ug/l	98
68) m/p-Xylenes	10.37	106	124509	41.35	ug/l	98
69) o-Xylene	10.71	106	59479	20.48	ug/l	96
70) Styrene	10.72	104	97509	20.53	ug/l	97
71) Bromoform	10.87	173	23823	16.55	ug/l #	100
73) Isopropylbenzene	11.03	105	161963	21.08	ug/l	97
74) N-amyl acetate	6.48	43	81723	21.06	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	58044	21.70	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	67494	26.88	ug/l	81
77) Bromobenzene	11.26	156	40449	19.43	ug/l	91
78) n-propylbenzene	11.37	91	193125	21.32	ug/l	97
79) 2-Chlorotoluene	11.43	91	108644	20.97	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	136324	20.99	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	14772	16.76	ug/l #	82
82) 4-Chlorotoluene	11.52	91	132469	21.13	ug/l	96
83) tert-Butylbenzene	11.78	119	136195	20.77	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	140427	20.83	ug/l	100
85) sec-Butylbenzene	11.96	105	171783	21.09	ug/l	98
86) p-Isopropyltoluene	12.07	119	149969	20.61	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	78239	19.59	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	79974	19.38	ug/l	97
89) n-Butylbenzene	12.40	91	144111	21.00	ug/l	96
90) Hexachloroethane	12.60	117	22506	18.99	ug/l	88
91) 1,2-Dichlorobenzene	12.40	146	77537	19.73	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14938	20.12	ug/l	90

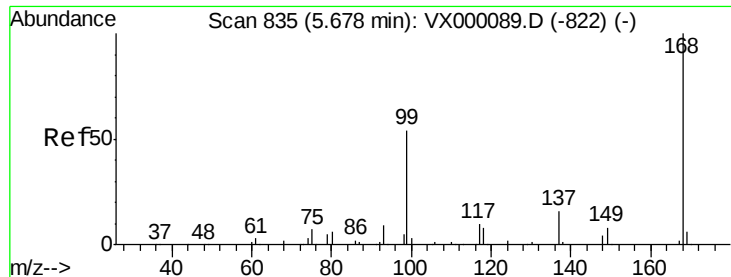
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	53958	18.30	ug/l	99
94) Hexachlorobutadiene	13.79	225	22726	17.66	ug/l	97
95) Naphthalene	13.84	128	200905	20.09	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	54171	18.61	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

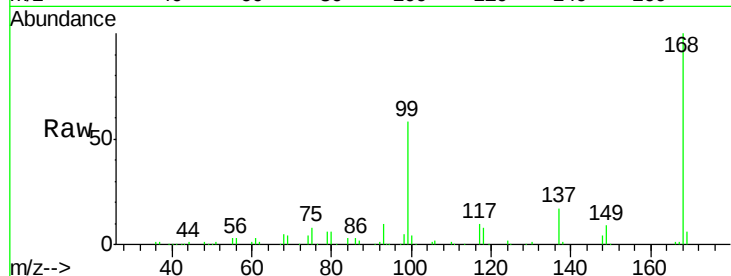
ClientSampleId :

Tot Ion:168 Resp: 125194

Ion Ratio Lower Upper

168 100

99 57.8 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

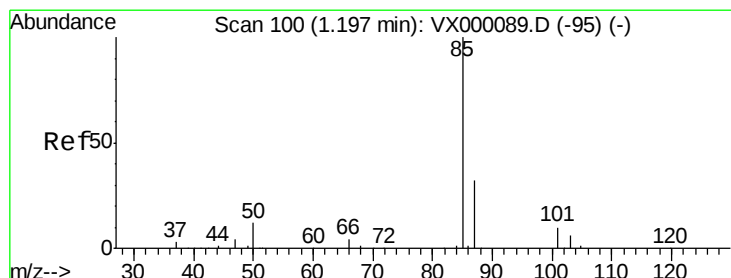
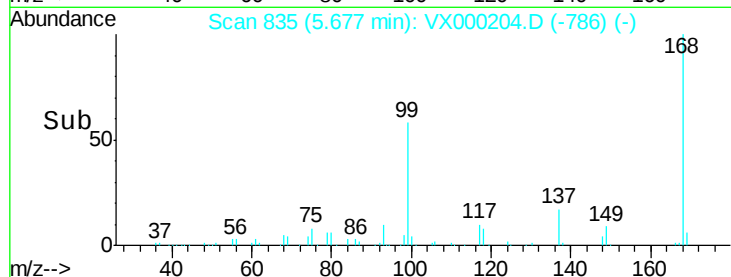
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 28.69 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000204.D

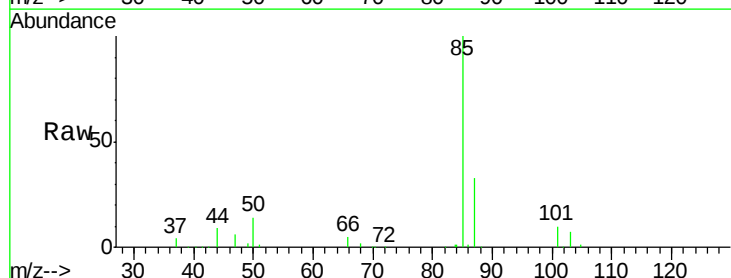
Acq: 02 Mar 2018 20:41

Tgt Ion: 85 Resp: 36980

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

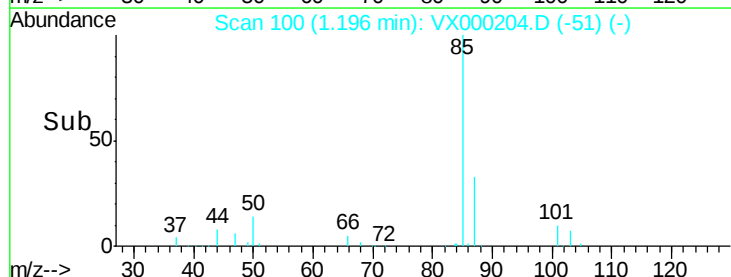
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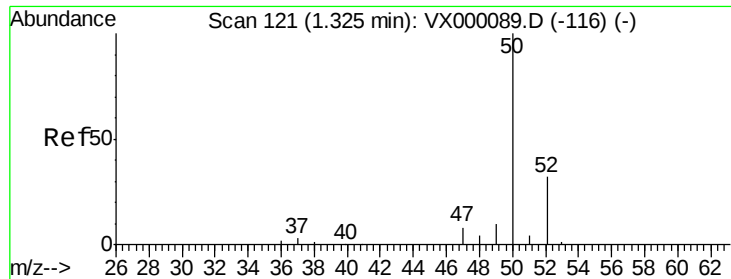
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1.15 1.20 1.25 1.30

Time-->

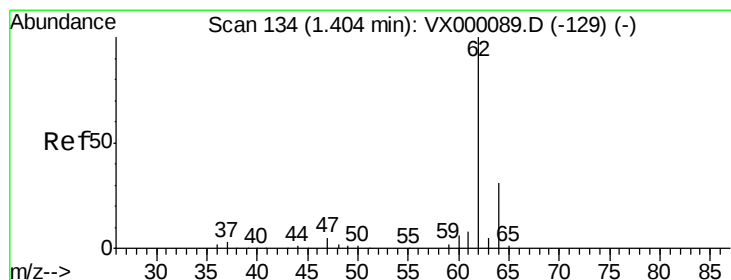
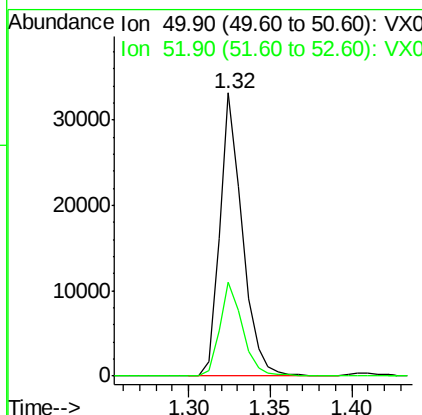
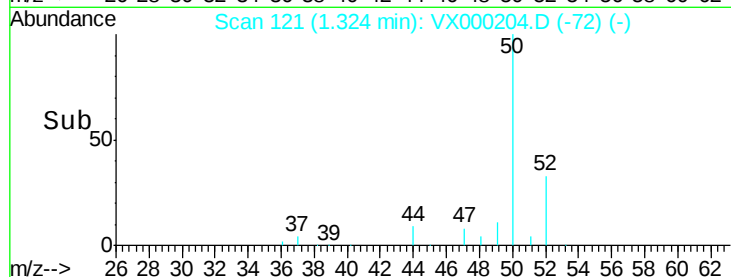
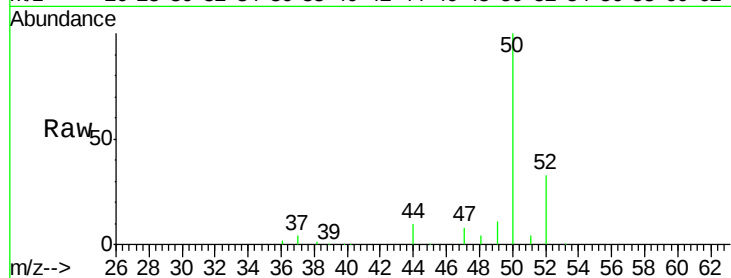




#3
 Chloromethane
 Concen: 25.39 ug/l
 RT: 1.32 min Scan# 121
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

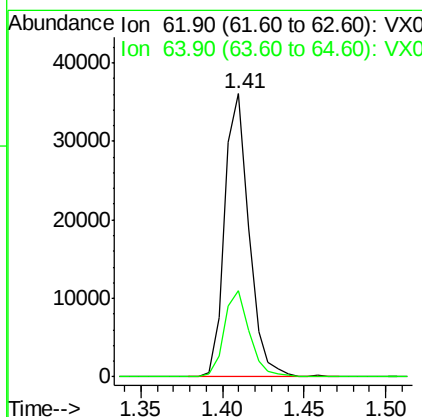
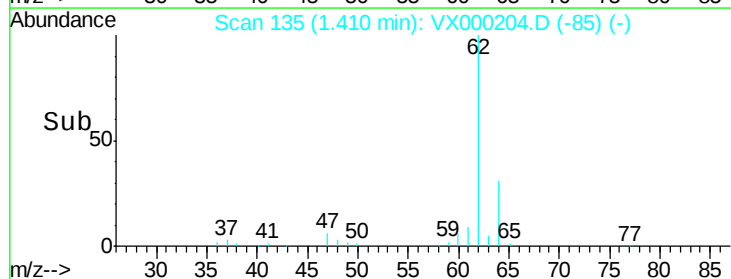
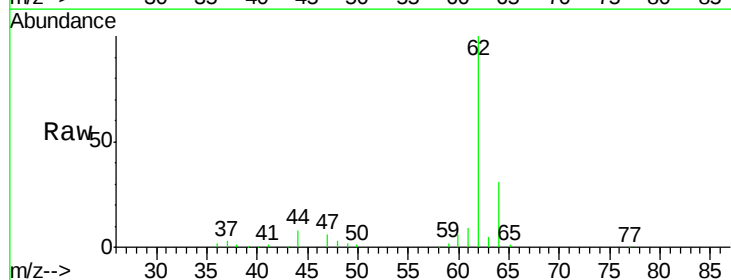
Instrument :
 MSVOA_X
 ClientSampleId :

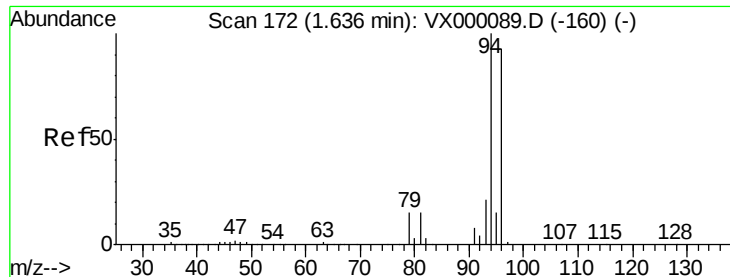
Tot Ion: 50 Resp: 32097
 Ion Ratio Lower Upper
 50 100
 52 33.4 25.9 38.9



#4
 Vinyl Chloride
 Concen: 26.65 ug/l
 RT: 1.41 min Scan# 135
 Delta R.T. 0.01 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion: 62 Resp: 37531
 Ion Ratio Lower Upper
 62 100
 64 30.5 24.6 37.0





#5

Bromomethane

Concen: 30.74 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

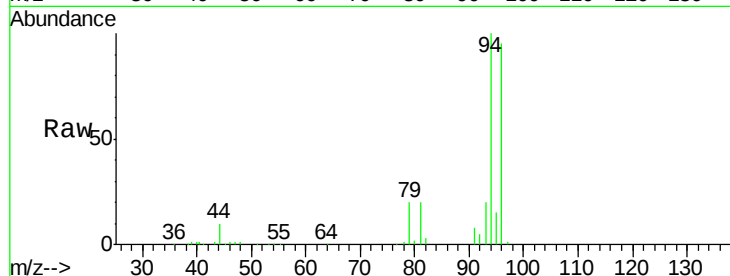
ClientSampleId :

Tot Ion: 94 Resp: 35365

Ion Ratio Lower Upper

94 100

96 95.2 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

25000

20000

15000

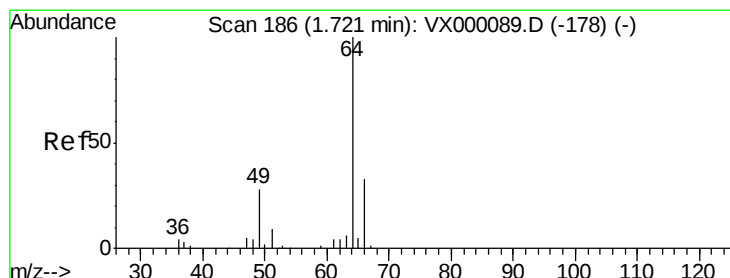
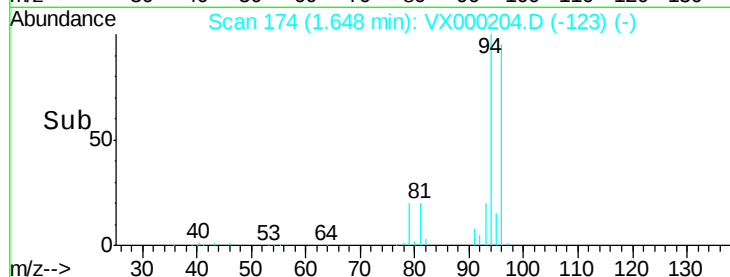
10000

5000

0

Time-->

1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 24.76 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000204.D

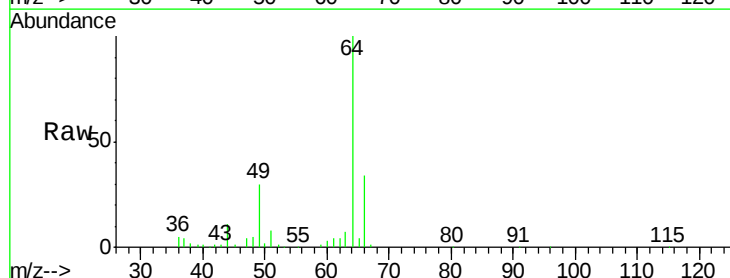
Acq: 02 Mar 2018 20:41

Tgt Ion: 64 Resp: 23423

Ion Ratio Lower Upper

64 100

66 34.1 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

20000

15000

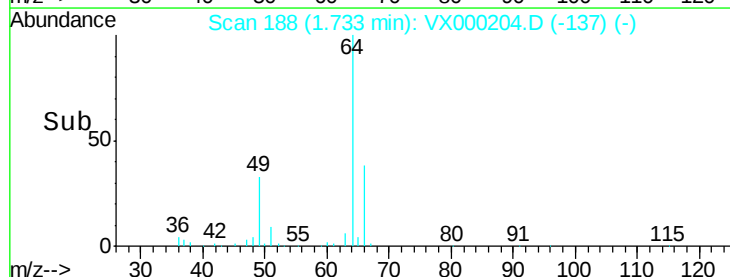
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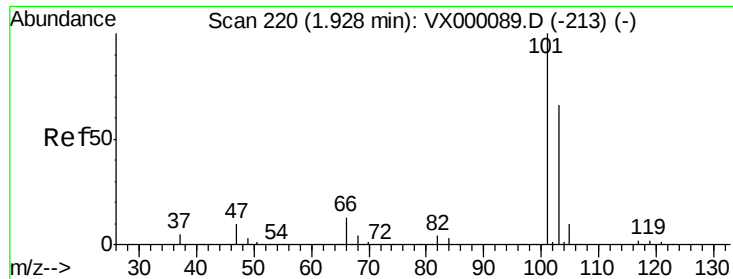
5000

0

Time-->

1.70 1.73 1.76 1.79



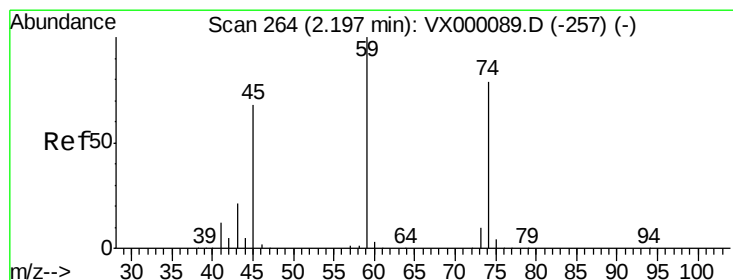
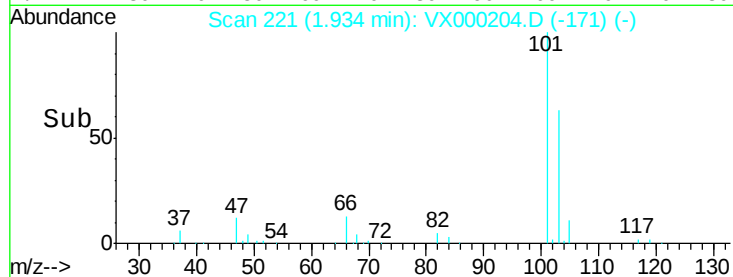
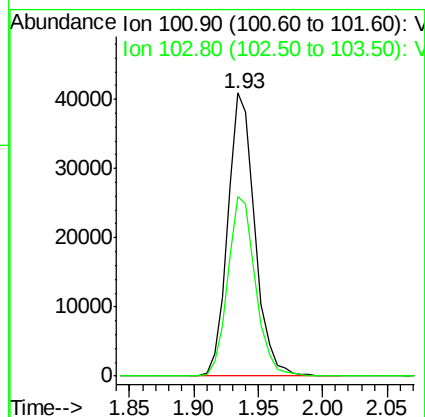
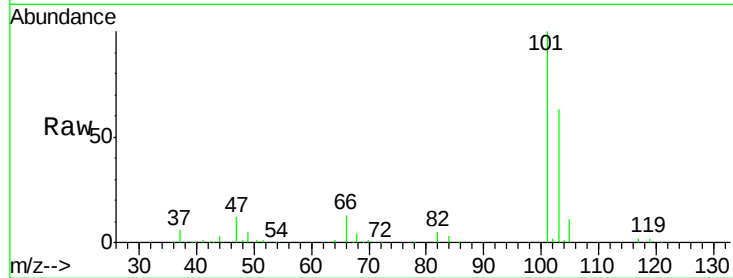


#7

Trichlorofluoromethane
 Concen: 23.96 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :

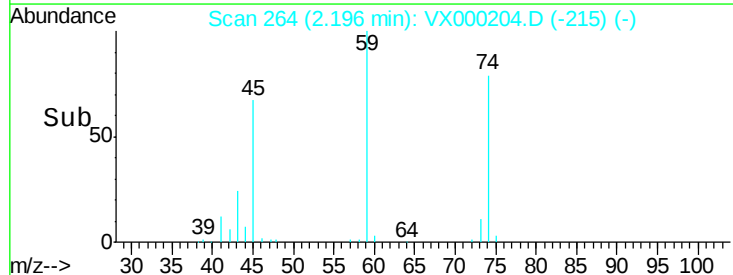
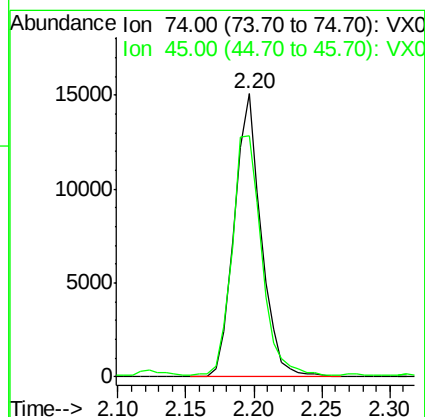
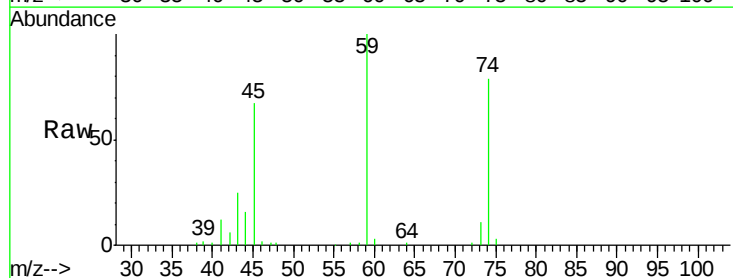
Tot Ion:101 Resp: 60341
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.7 79.1

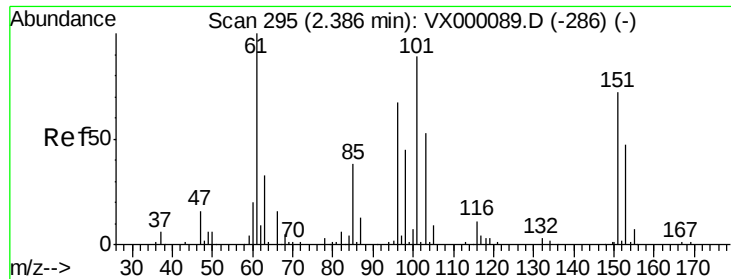


#8

Diethyl Ether
 Concen: 23.83 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion: 74 Resp: 20707
 Ion Ratio Lower Upper
 74 100
 45 93.4 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.70 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

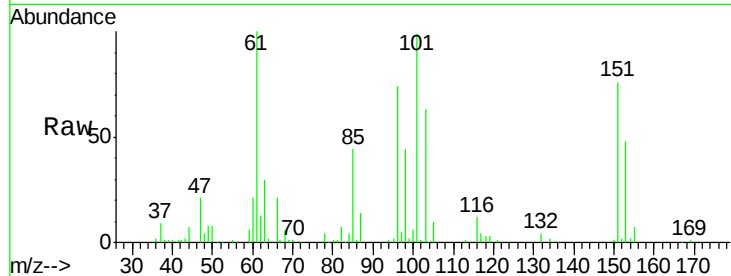
Tot Ion:101 Resp: 31955

Ion Ratio Lower Upper

101 100

85 48.8 36.7 55.1

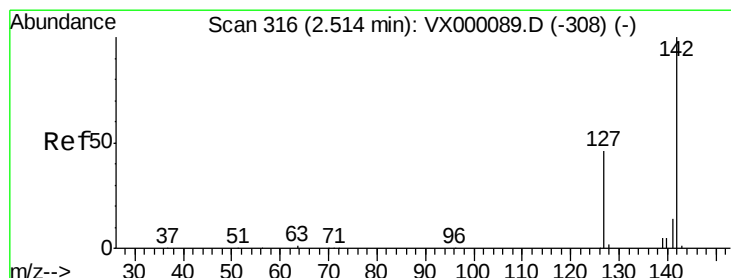
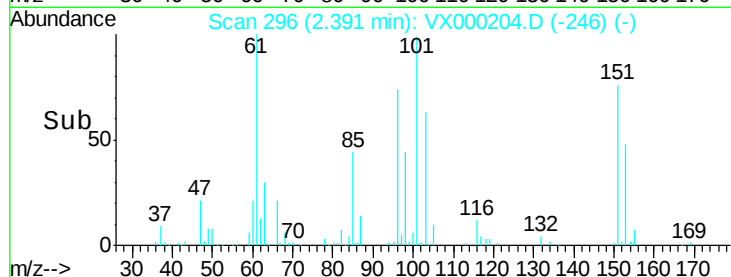
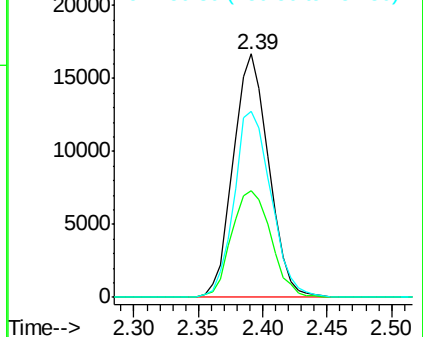
151 80.0 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.29 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

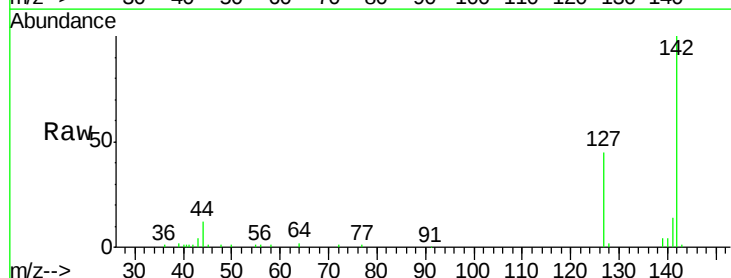
Tgt Ion:142 Resp: 20491

Ion Ratio Lower Upper

142 100

127 47.9 36.8 55.2

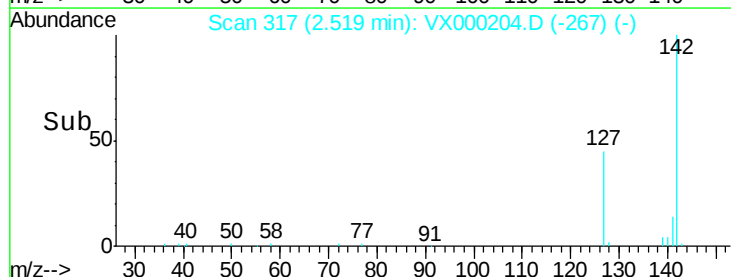
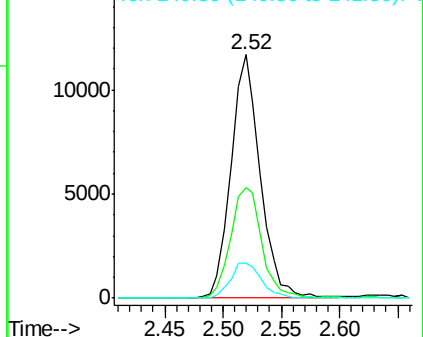
141 15.3 11.6 17.4

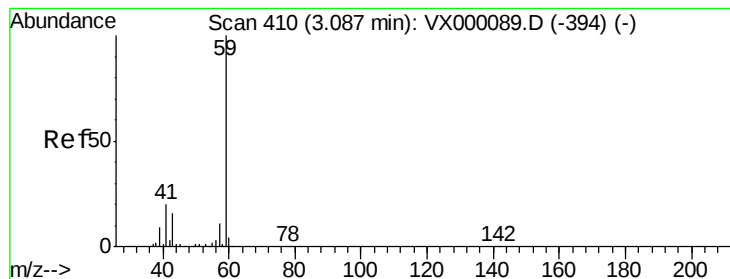


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 104.75 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

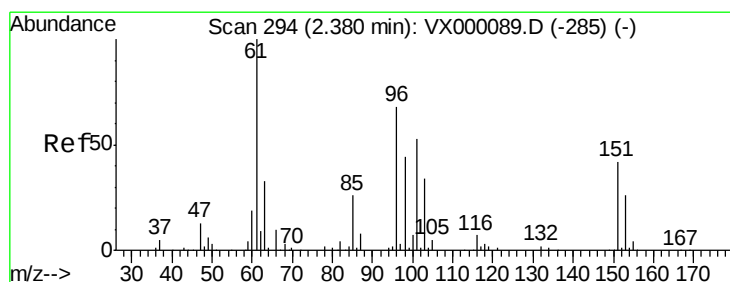
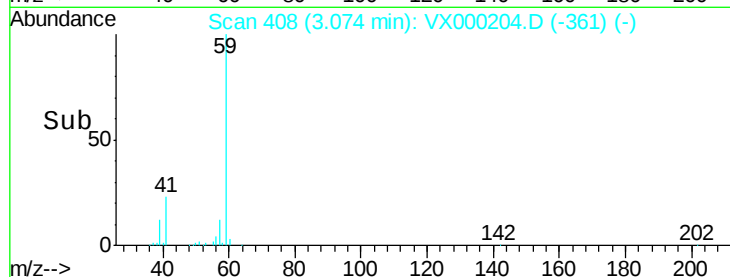
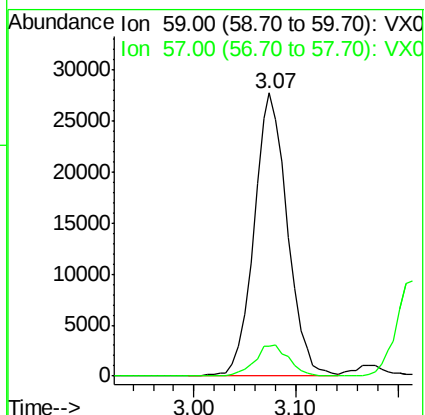
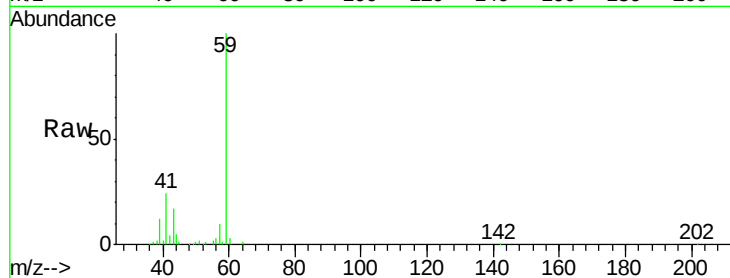
ClientSampleId :

Tot Ion: 59 Resp: 63107

Ion Ratio Lower Upper

59 100

57 11.3 8.3 12.5



#12

1,1-Dichloroethene

Concen: 23.55 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

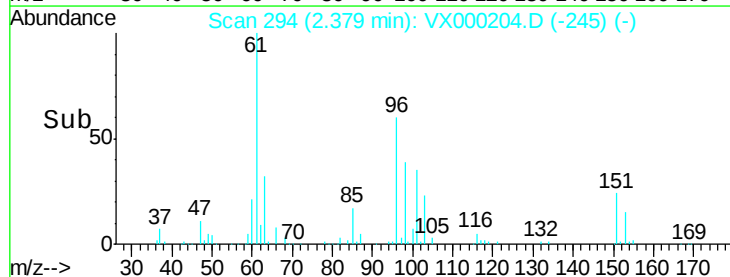
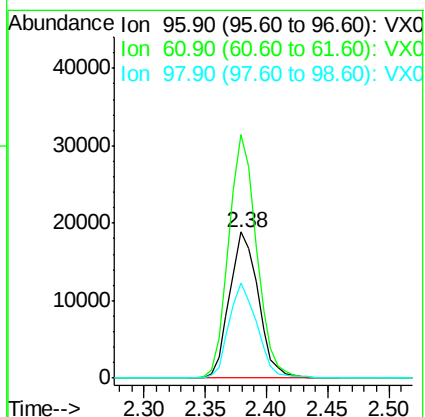
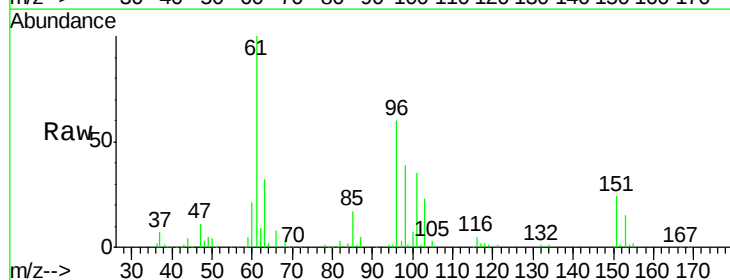
Tgt Ion: 96 Resp: 30880

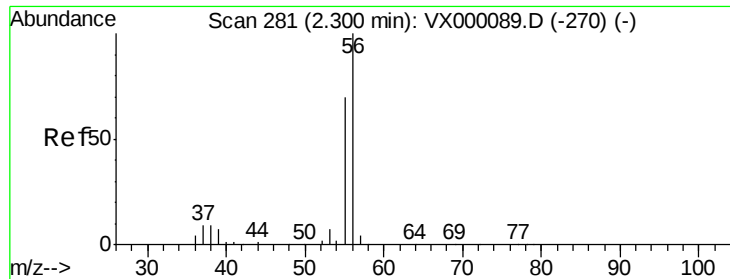
Ion Ratio Lower Upper

96 100

61 166.7 117.7 176.5

98 65.4 51.3 76.9





#13

Acrolein

Concen: 121.80 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

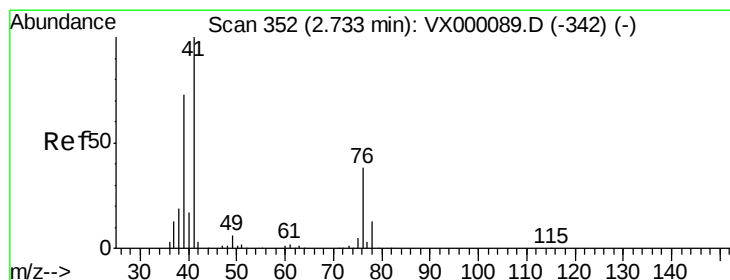
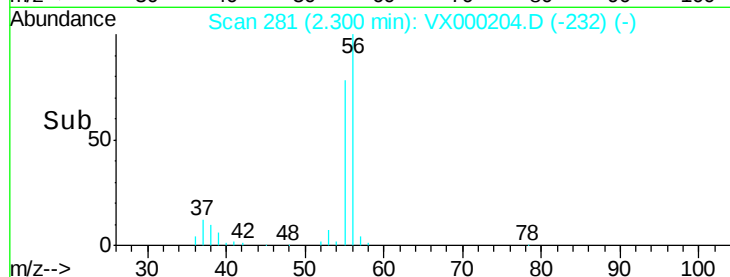
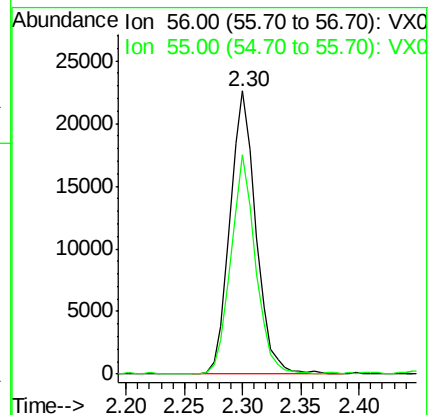
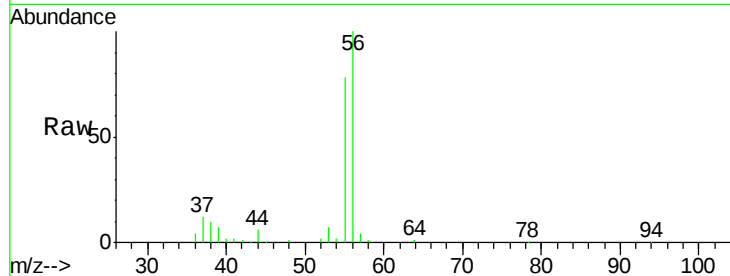
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 35050

Ion Ratio Lower Upper

56 100

55 72.6 56.2 84.4



#14

Allyl chloride

Concen: 24.03 ug/l

RT: 2.74 min Scan# 353

Delta R.T. 0.01 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

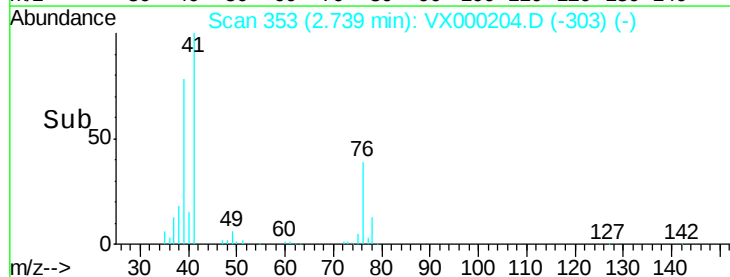
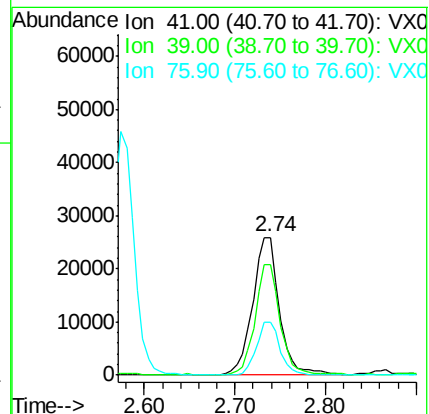
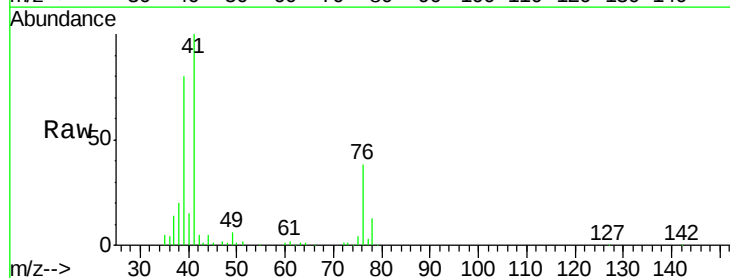
Tgt Ion: 41 Resp: 52737

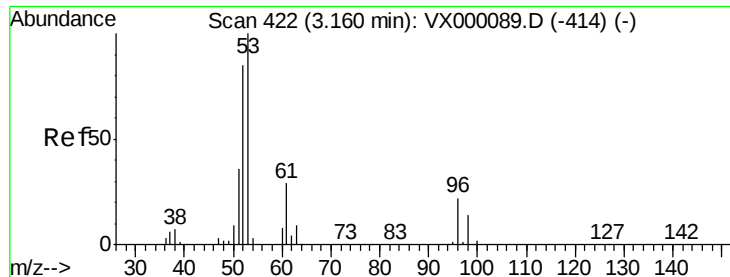
Ion Ratio Lower Upper

41 100

39 74.5 55.1 82.7

76 34.3 28.5 42.7





#15

Acrylonitrile

Concen: 118.10 ug/l

RT: 3.15 min Scan# 421

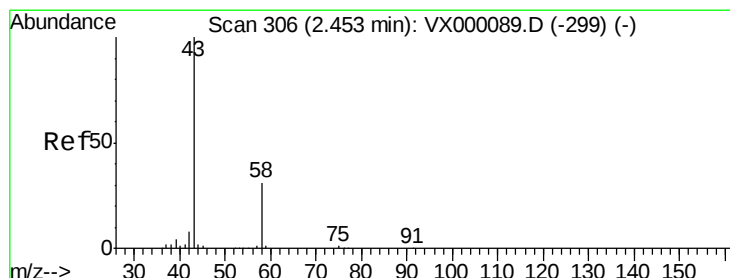
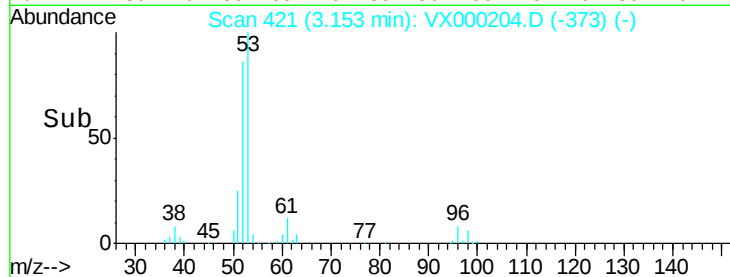
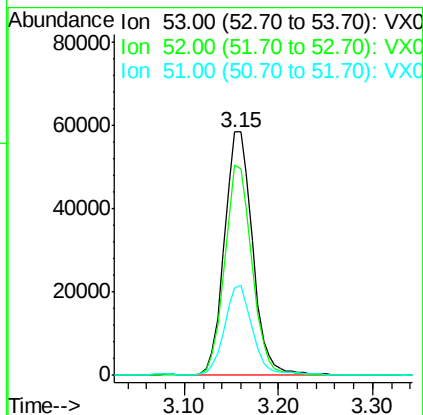
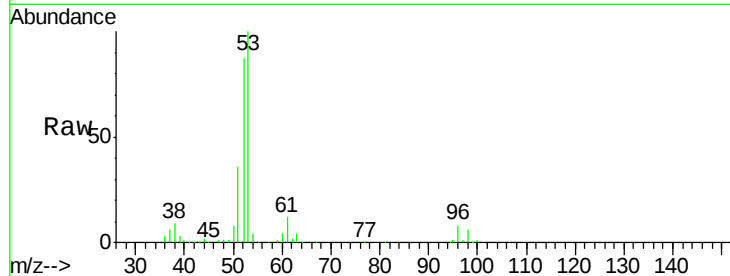
Delta R.T. -0.01 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	121511
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.5	99.7
51	36.5	29.0	43.6



#16

Acetone

Concen: 122.66 ug/l

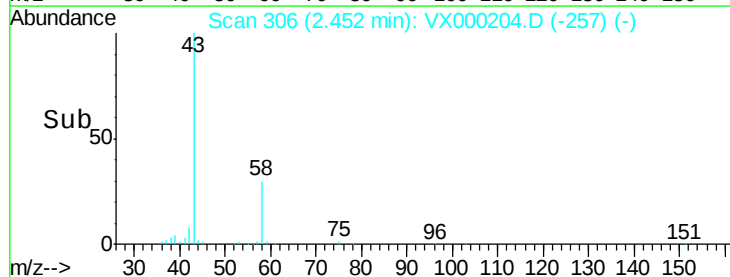
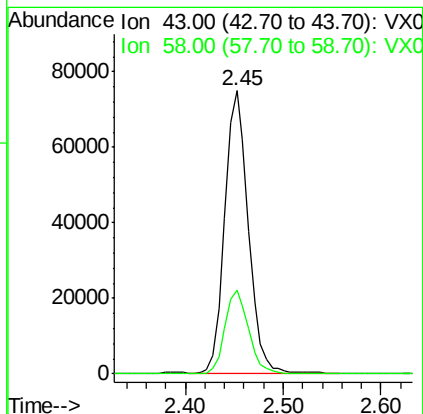
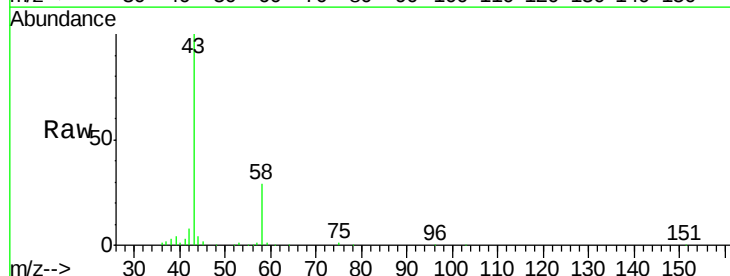
RT: 2.45 min Scan# 306

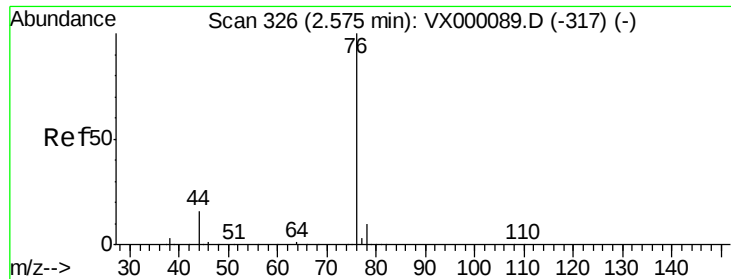
Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Tgt Ion:	43	Resp:	124372
Ion	Ratio	Lower	Upper
43	100		
58	29.6	25.0	37.4

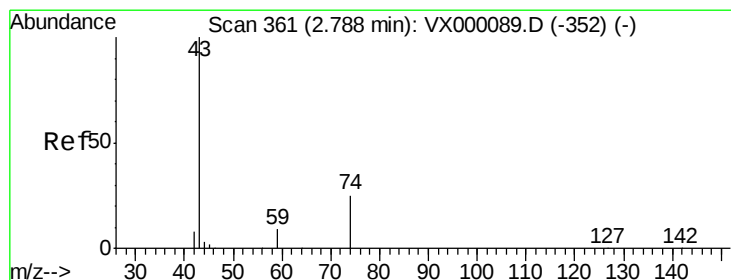
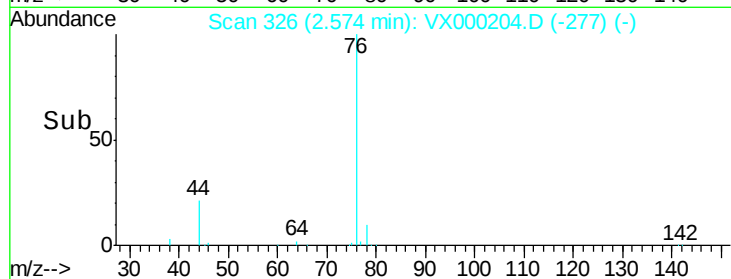
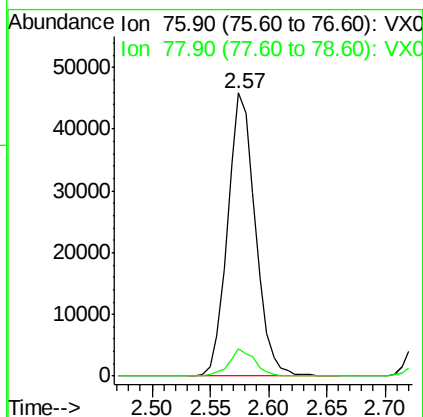
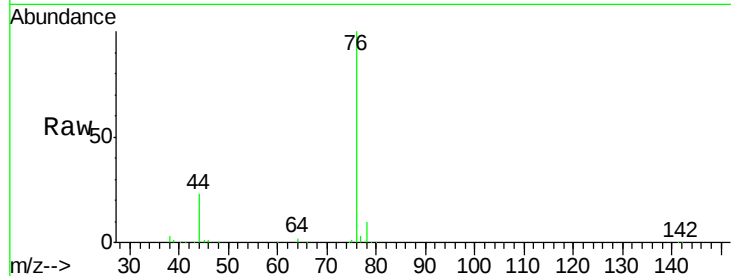




#17
Carbon Disulfide
Concen: 19.65 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

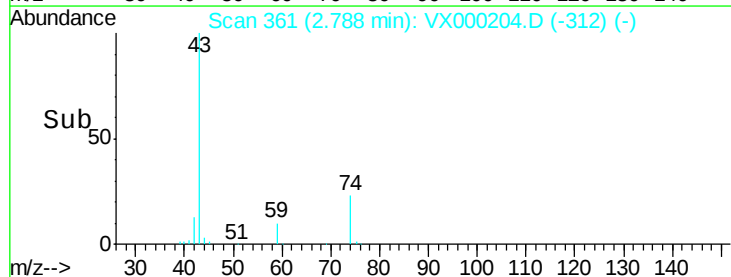
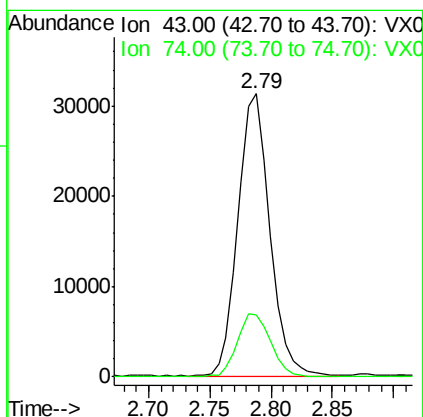
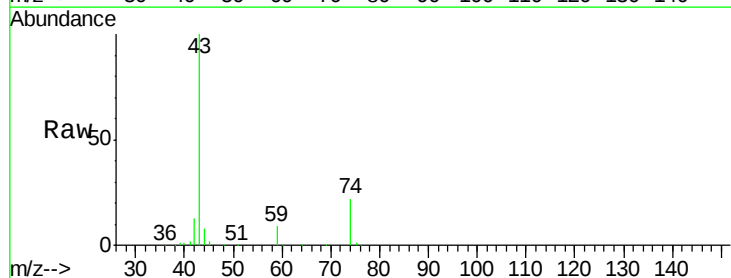
Instrument :
MSVOA_X
ClientSampled :

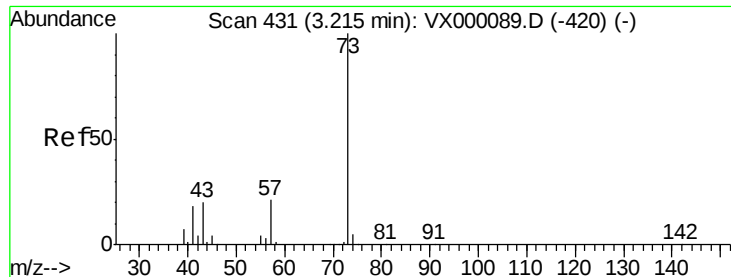
Tot Ion: 76 Resp: 75845
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.8



#18
Methyl Acetate
Concen: 23.69 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion: 43 Resp: 56335
Ion Ratio Lower Upper
43 100
74 23.6 20.2 30.4

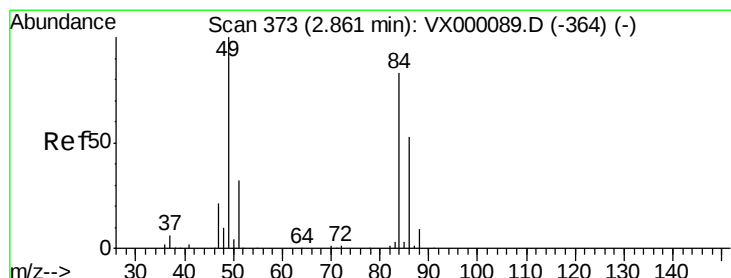
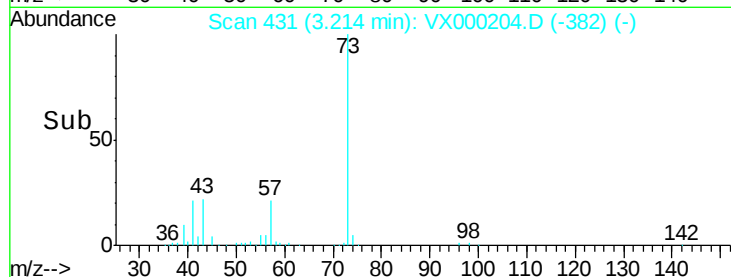
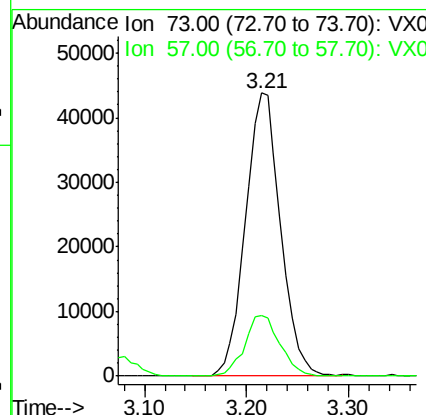
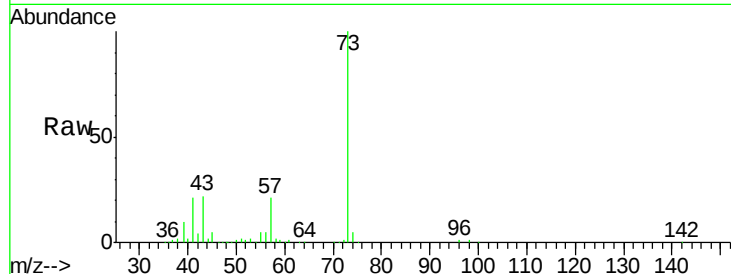




#19
Methvl tert-butvl Ether
Concen: 23.28 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

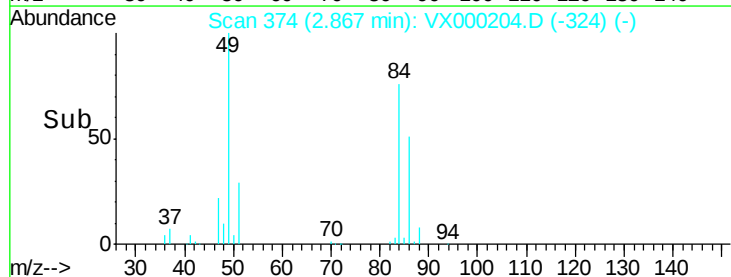
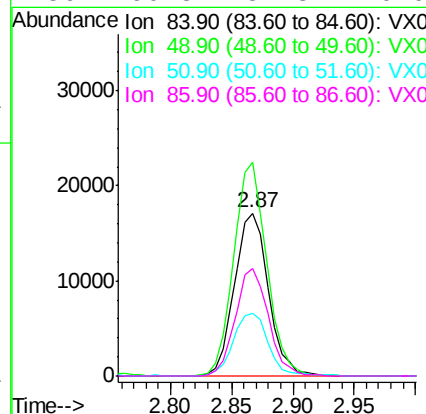
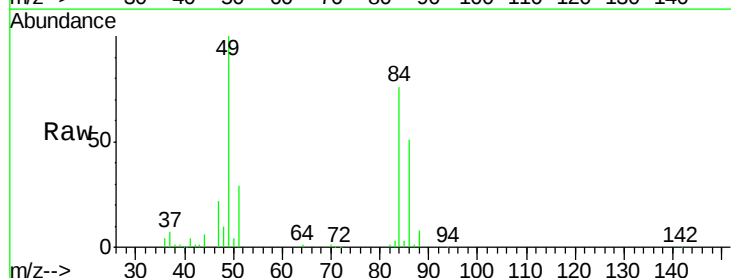
Instrument :
MSVOA_X
ClientSampleId :

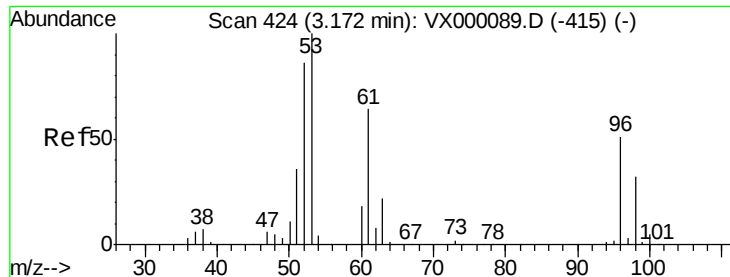
Tot Ion: 73 Resp: 104766
Ion Ratio Lower Upper
73 100
57 21.3 16.4 24.6



#20
Methylene Chloride
Concen: 24.52 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion: 84 Resp: 32746
Ion Ratio Lower Upper
84 100
49 131.3 96.1 144.1
51 38.3 30.5 45.7
86 66.3 51.3 76.9

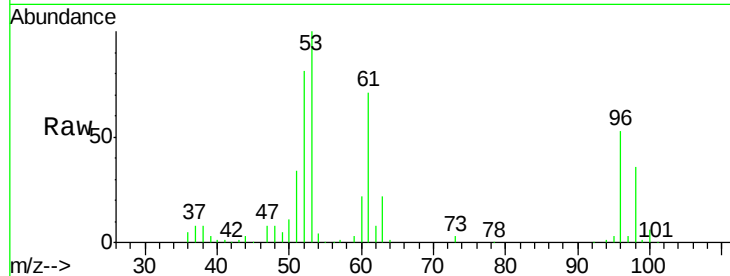




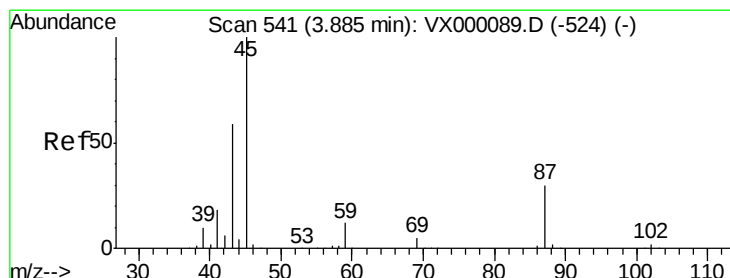
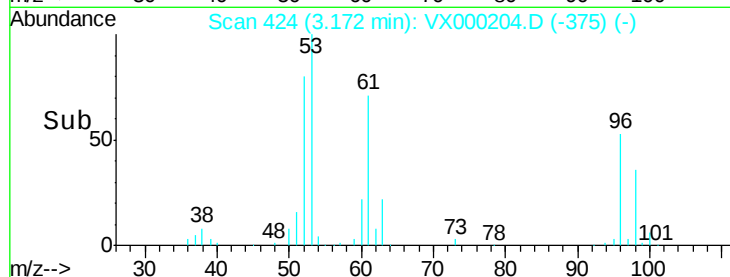
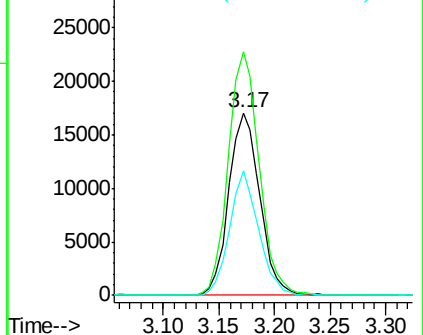
#21
trans-1,2-Dichloroethene
Concen: 23.14 ug/l
RT: 3.17 min Scan# 424
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 32888
Ion Ratio Lower Upper
96 100
61 133.5 100.3 150.5
98 68.2 50.6 75.8

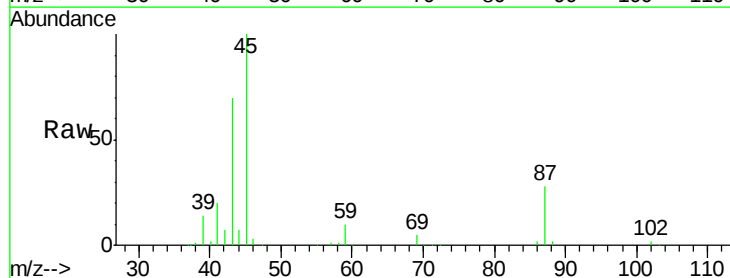


Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

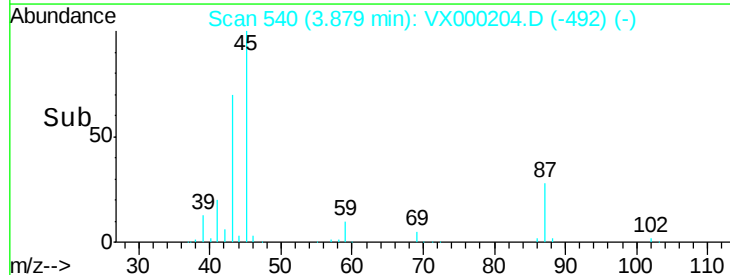
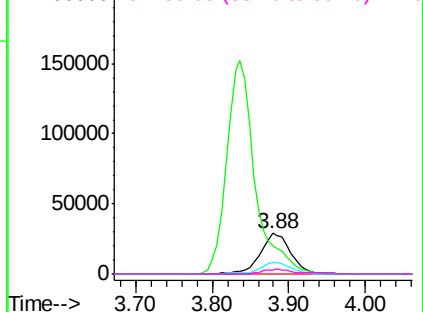


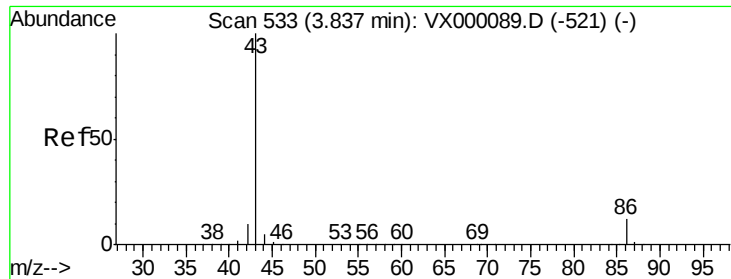
#22
Diisopropyl ether
Concen: 20.91 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.01 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion: 45 Resp: 80189
Ion Ratio Lower Upper
45 100
43 69.7 47.4 71.2
87 28.2 24.2 36.2
59 10.5 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: 109.81 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

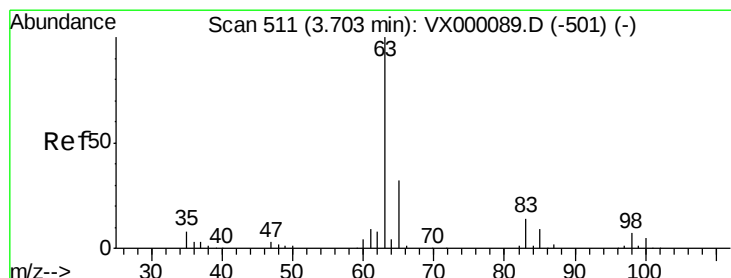
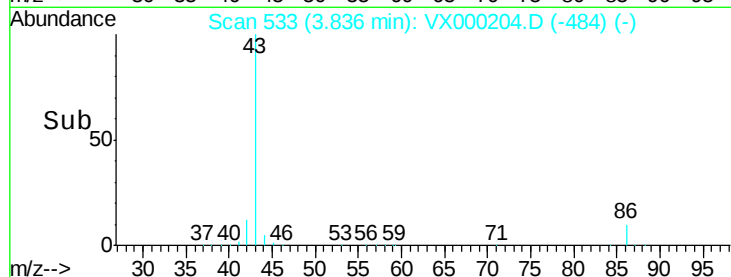
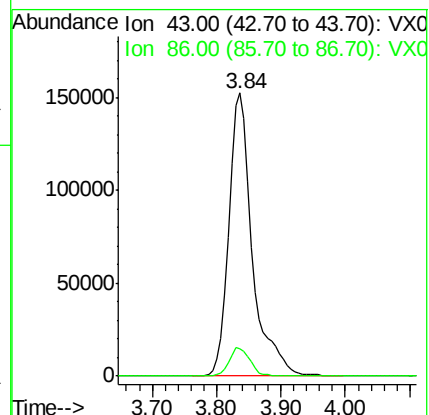
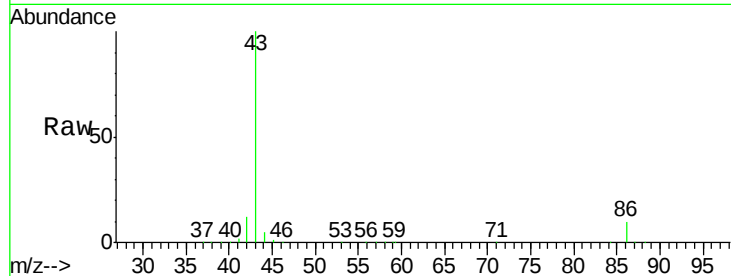
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 391350

Ion Ratio Lower Upper

43 100

86 9.8 9.4 14.0



#24

1,1-Dichloroethane

Concen: 24.19 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

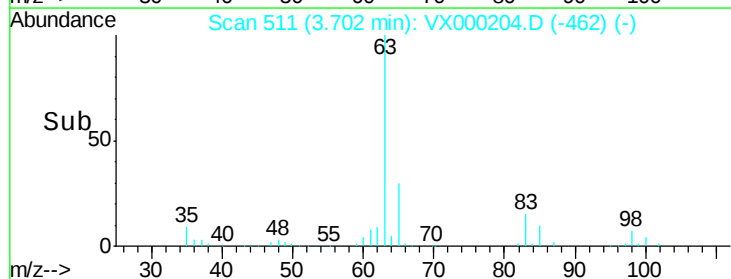
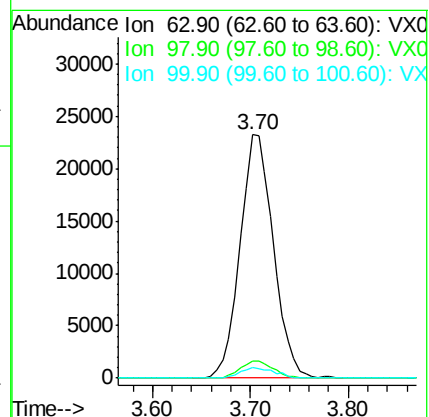
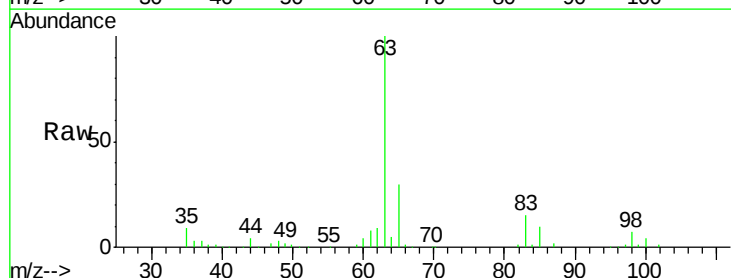
Tgt Ion: 63 Resp: 54961

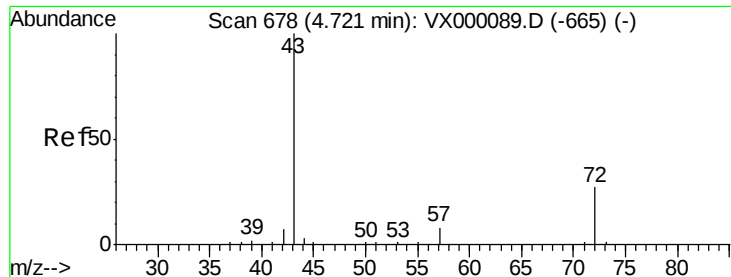
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 112.78 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

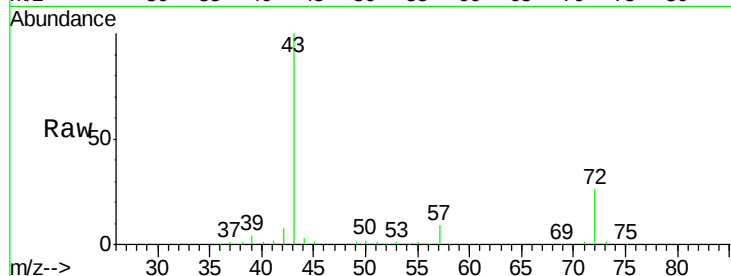
ClientSampleId :

Tot Ion: 43 Resp: 159643

Ion Ratio Lower Upper

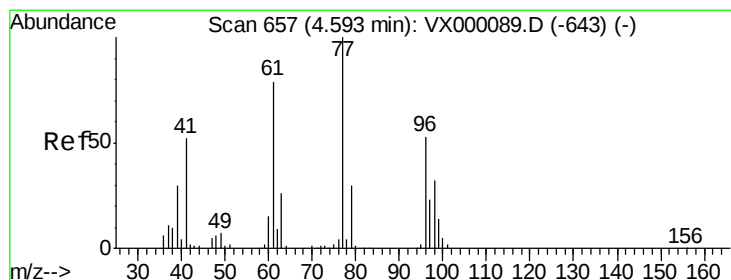
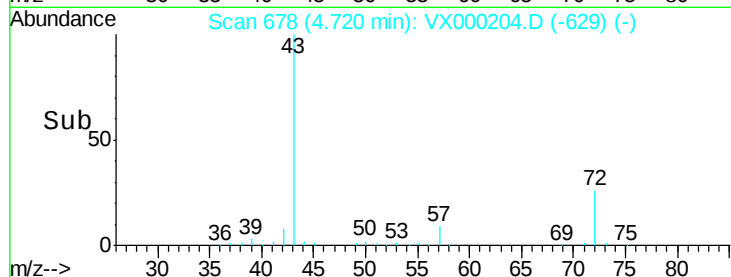
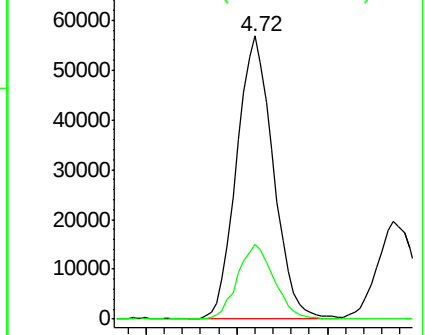
43 100

72 26.2 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.46 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000204.D

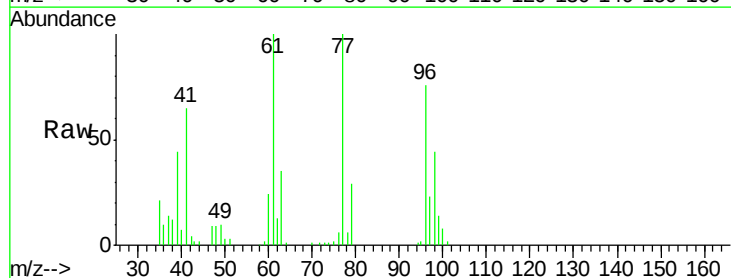
Acq: 02 Mar 2018 20:41

Tgt Ion: 77 Resp: 38425

Ion Ratio Lower Upper

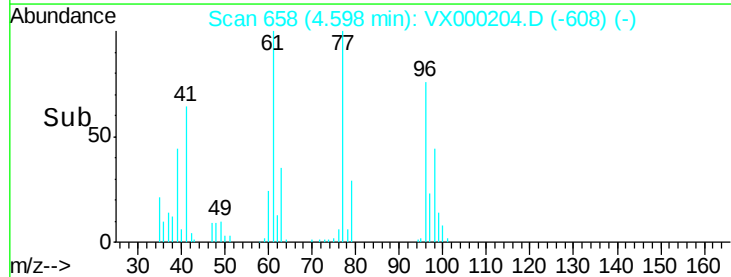
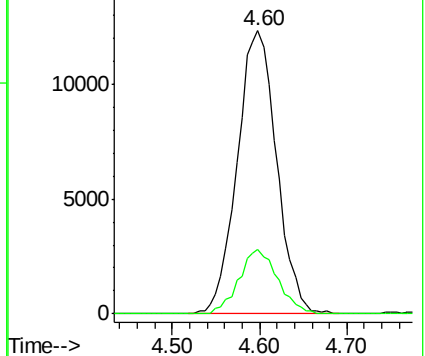
77 100

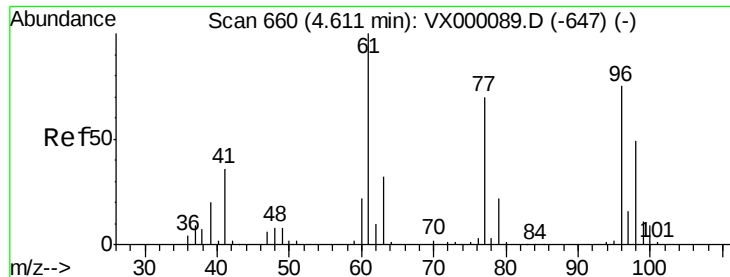
97 22.3 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 22.72 ug/l

RT: 4.61 min Scan# 660

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

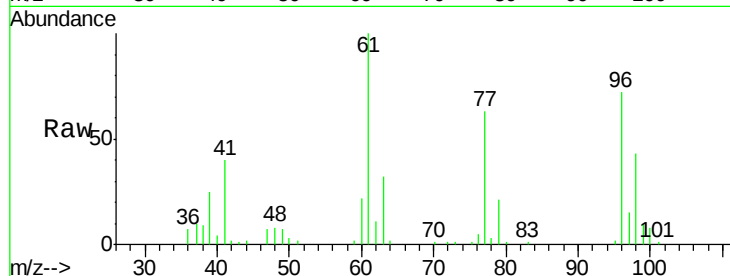
Tot Ion: 96 Resp: 30767

Ion Ratio Lower Upper

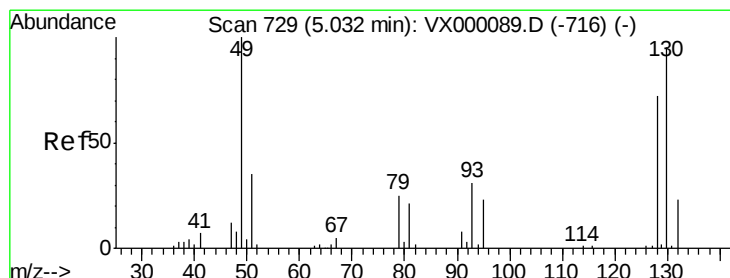
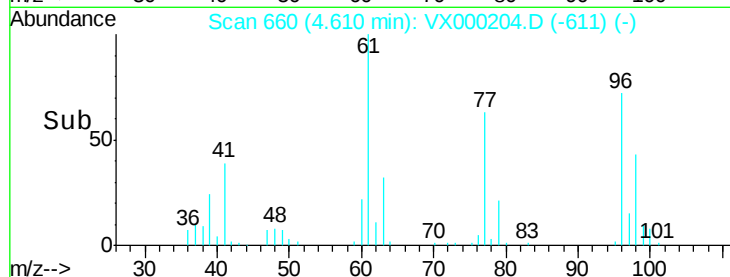
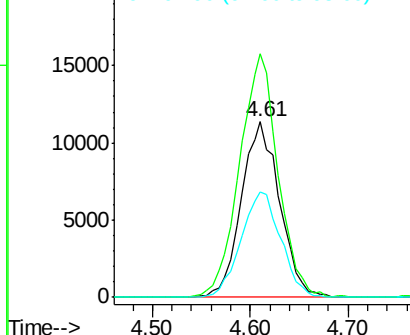
96 100

61 139.7 0.0 285.6

98 62.3 0.0 131.8



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



#28

Bromochloromethane

Concen: 18.62 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

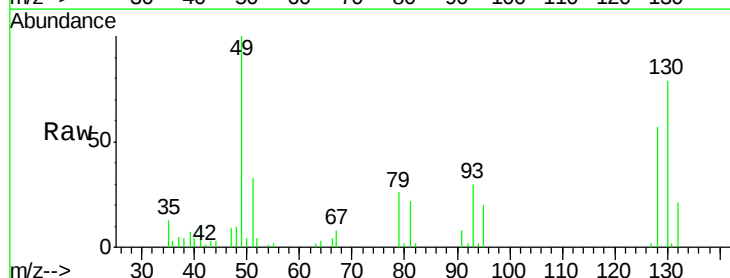
Tgt Ion: 49 Resp: 18965

Ion Ratio Lower Upper

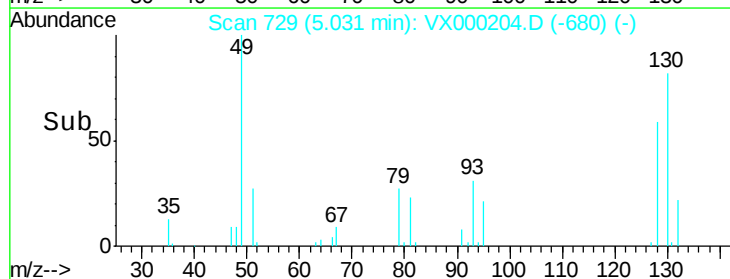
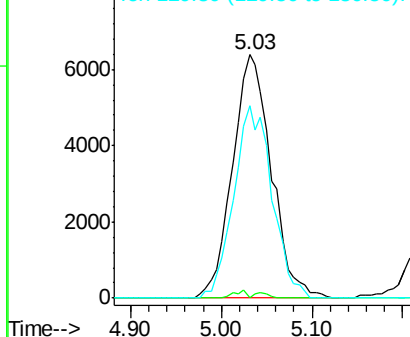
49 100

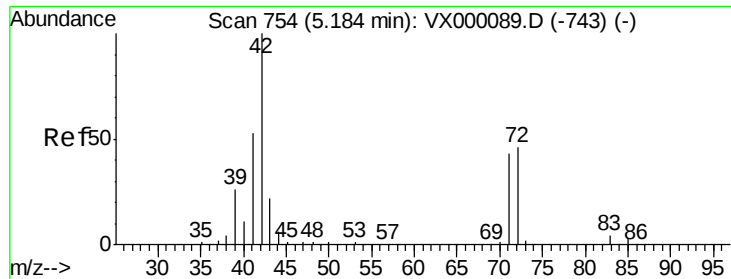
129 1.0 0.0 5.0

130 77.3 71.9 107.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

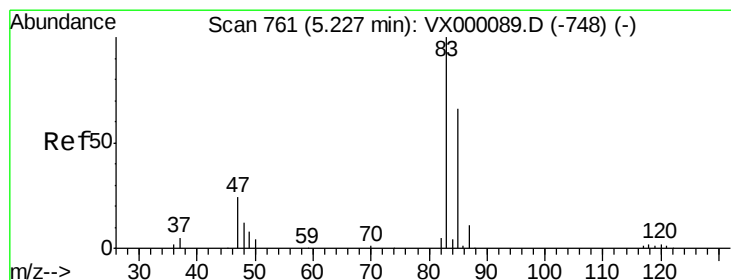
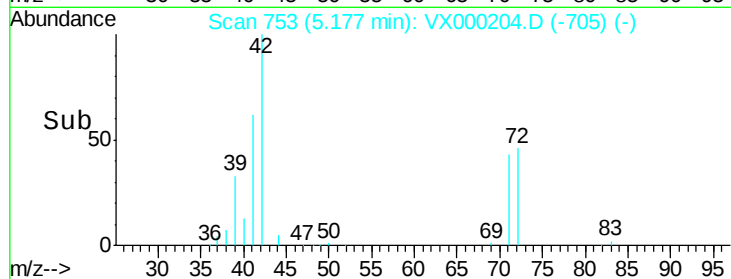
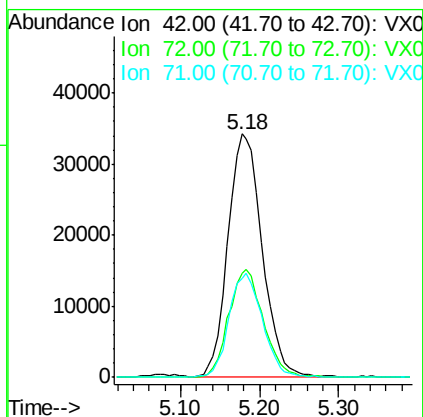
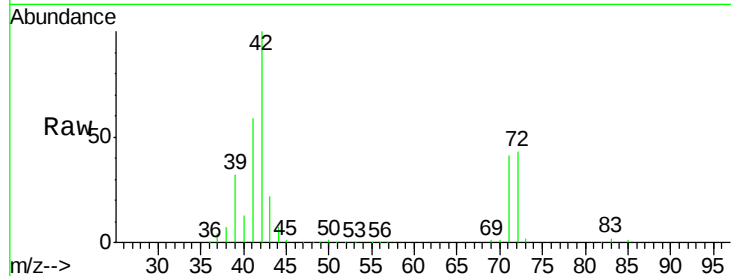




#29
Tetrahydrofuran
Concen: 111.54 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

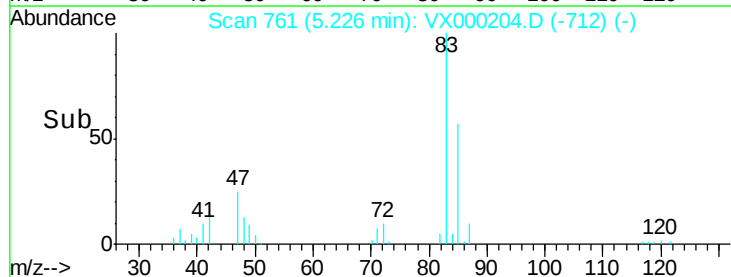
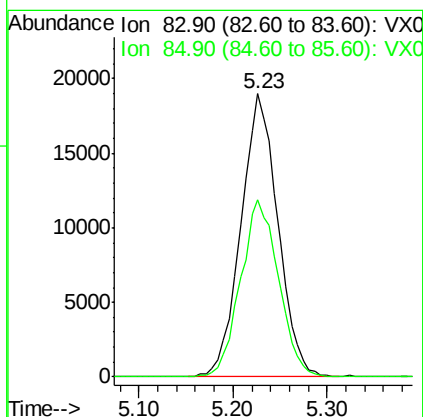
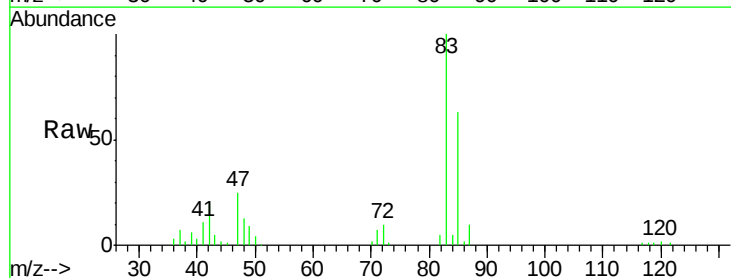
Instrument :
MSVOA_X
ClientSampled :

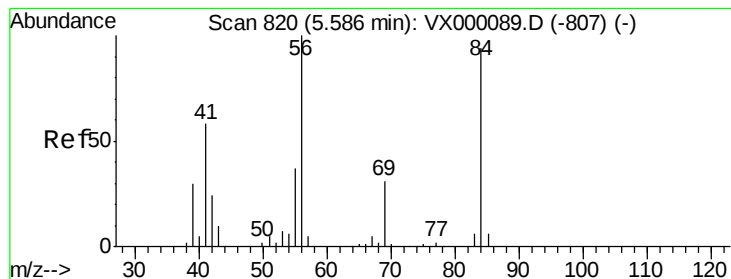
Tot Ion: 42 Resp: 102821
Ion Ratio Lower Upper
42 100
72 44.8 38.6 58.0
71 42.1 36.2 54.4



#30
Chloroform
Concen: 21.84 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion: 83 Resp: 52230
Ion Ratio Lower Upper
83 100
85 62.6 52.7 79.1





#31

Cyclohexane

Concen: 22.48 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampled :

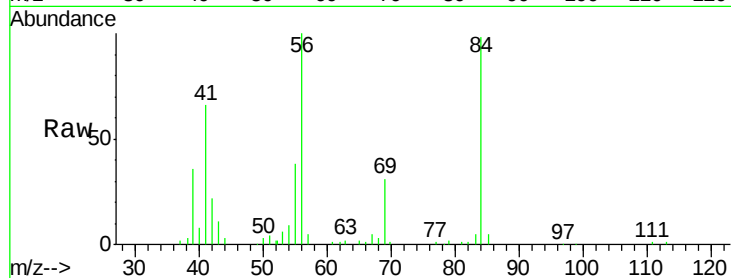
Tot Ion: 56 Resp: 43921

Ion Ratio Lower Upper

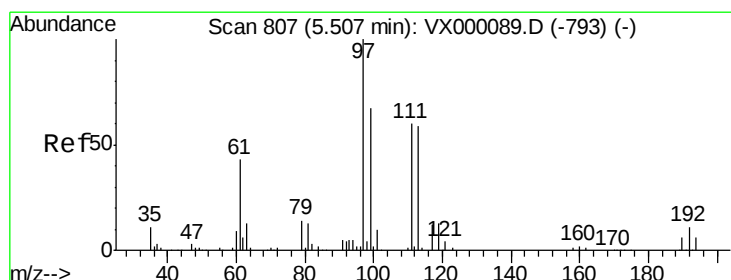
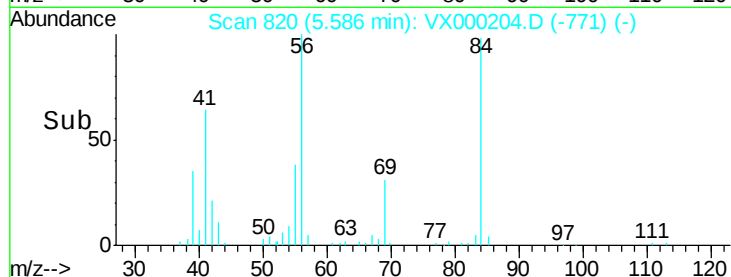
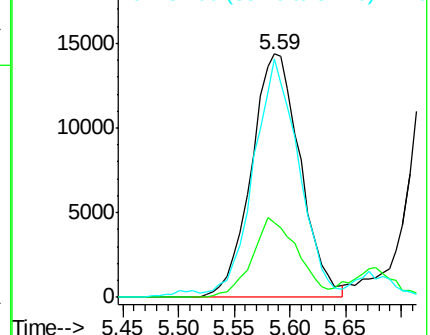
56 100

69 30.0 24.9 37.3

84 95.3 75.0 112.4



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: 21.37 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

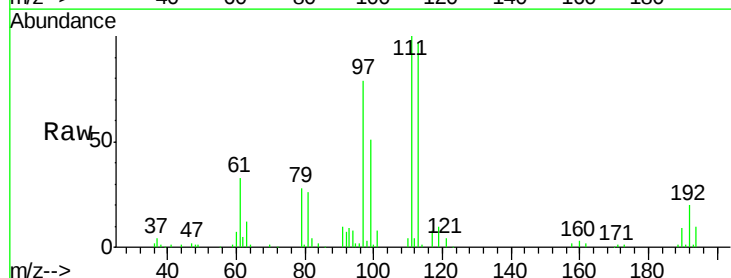
Tgt Ion: 97 Resp: 47016

Ion Ratio Lower Upper

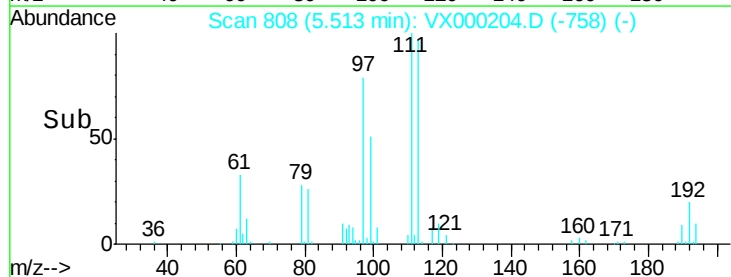
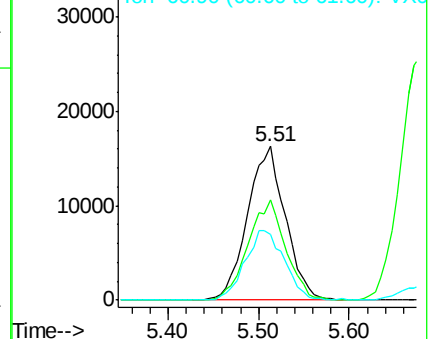
97 100

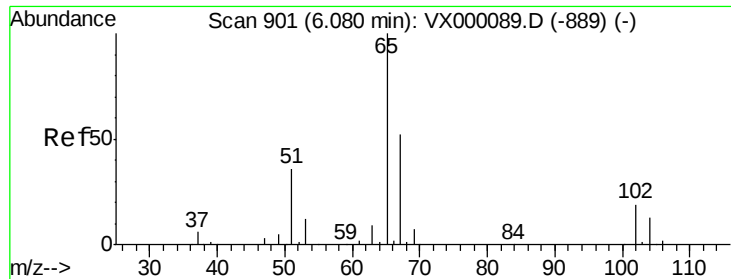
99 64.7 51.1 76.7

61 47.0 33.4 50.0



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

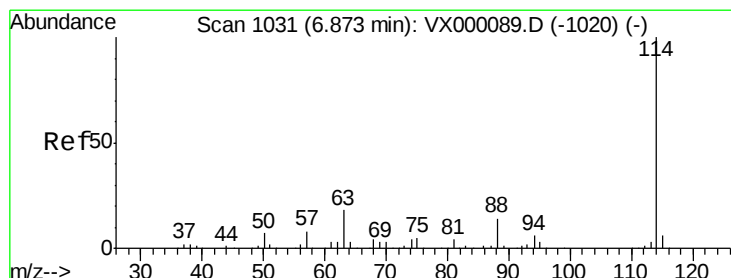
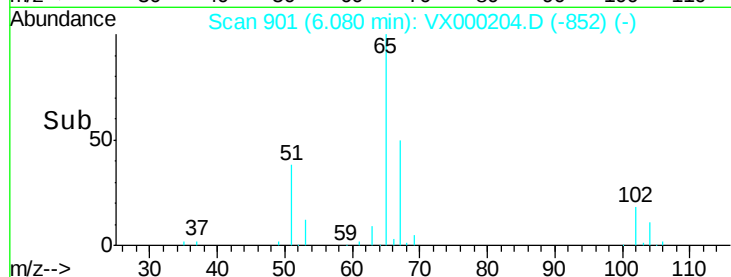
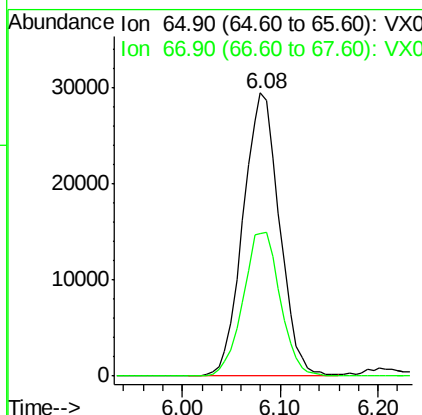
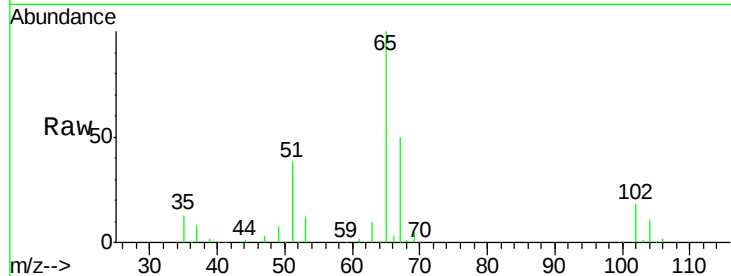




#33
 1,2-Dichloroethane-d4
 Concen: 48.67 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

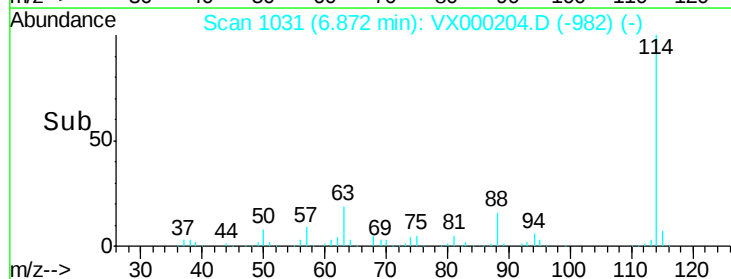
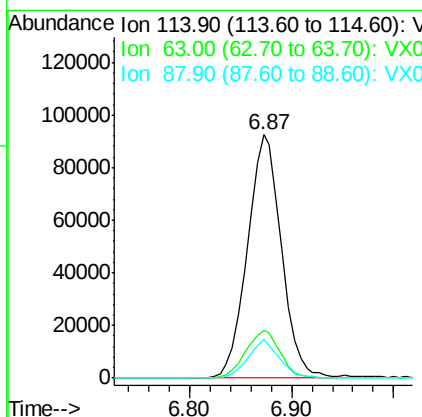
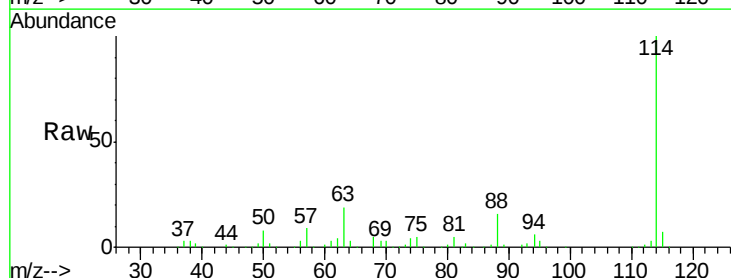
Instrument :
 MSVOA_X
 ClientSampleId :

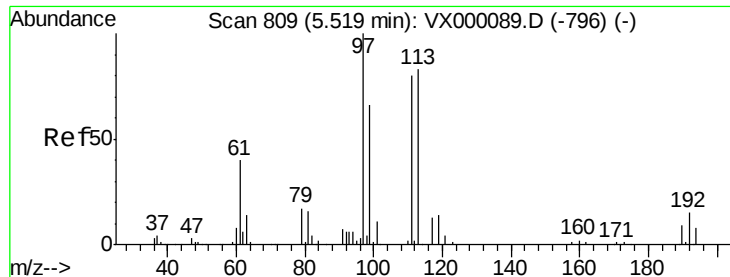
Tot Ion: 65 Resp: 76085
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion: 114 Resp: 214201
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 36.4
 88 15.8 0.0 29.0

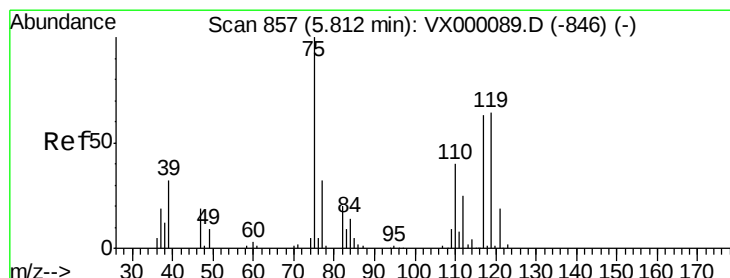
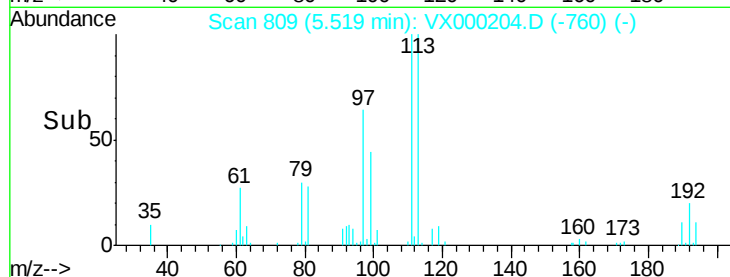
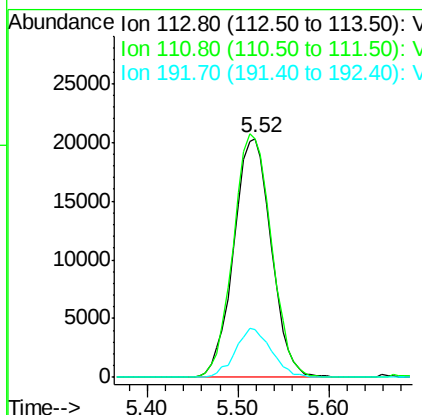
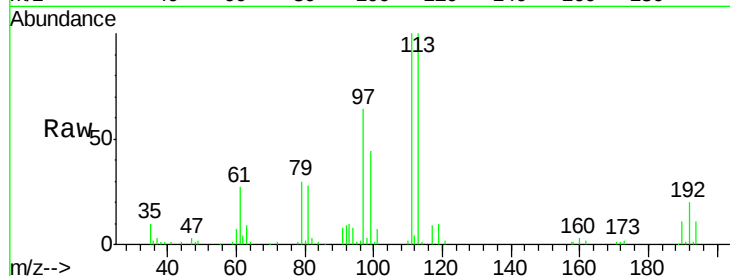




#35
 Dibromofluoromethane
 Concen: 43.43 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

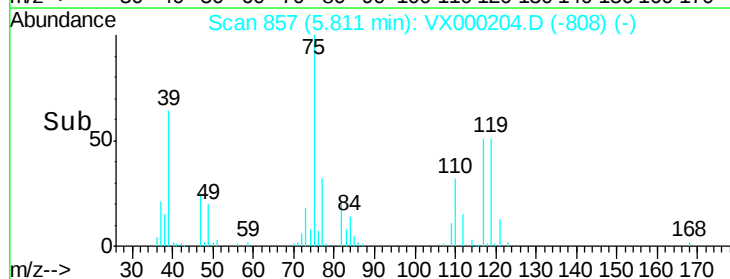
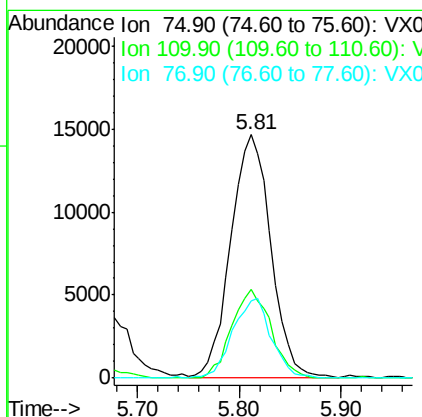
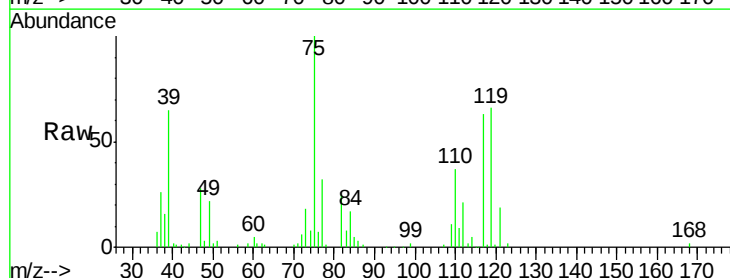
Instrument :
 MSVOA_X
 ClientSampled :

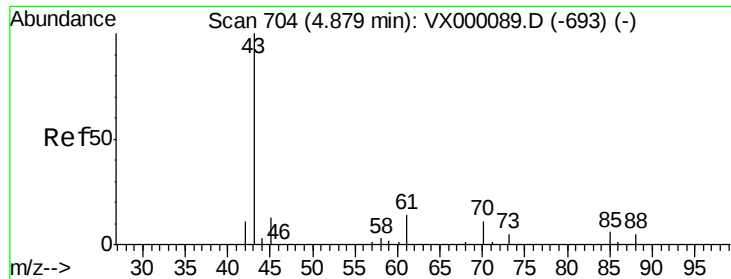
Tot Ion:113 Resp: 58717
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.0 121.6
 192 19.6 15.7 23.5



#36
 1,1-Dichloropropene
 Concen: 20.69 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion: 75 Resp: 39776
 Ion Ratio Lower Upper
 75 100
 110 36.2 19.5 58.5
 77 31.7 24.7 37.1

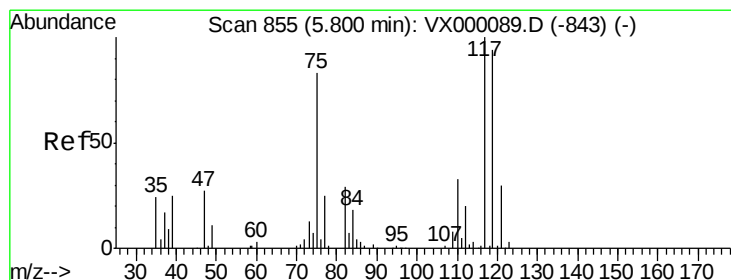
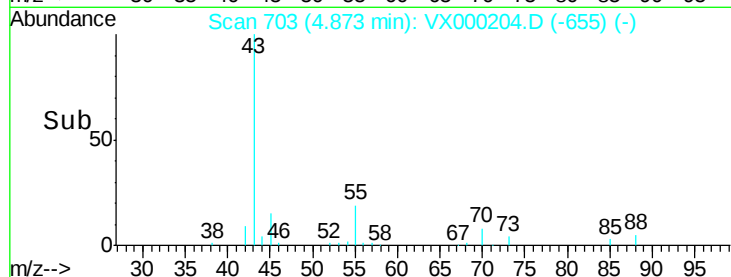
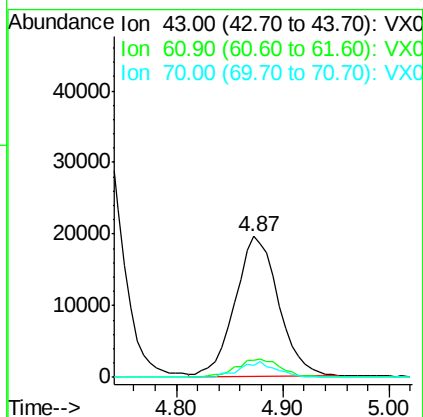
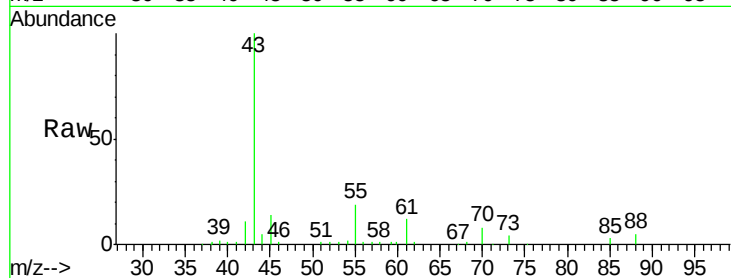




#37
Ethyl Acetate
Concen: 21.22 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

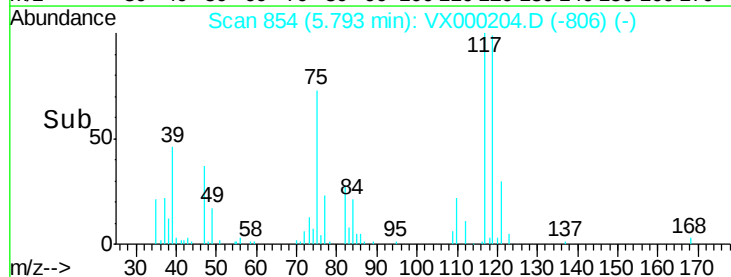
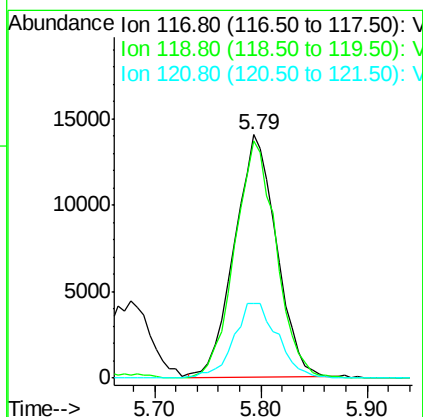
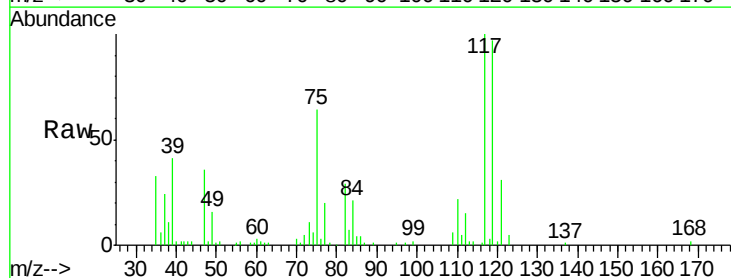
Instrument :
MSVOA_X
ClientSampled :

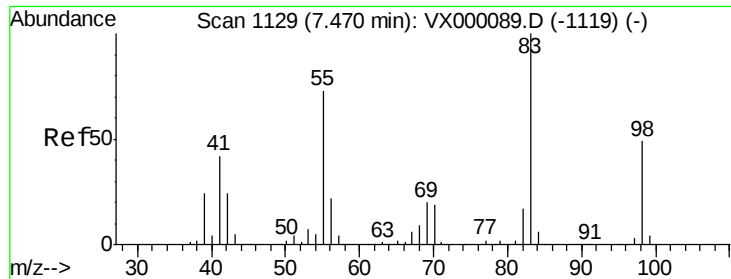
Tot Ion: 43 Resp: 56039
Ion Ratio Lower Upper
43 100
61 13.6 11.5 17.3
70 9.3 9.0 13.4



#38
Carbon Tetrachloride
Concen: 18.75 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.01 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion: 117 Resp: 38928
Ion Ratio Lower Upper
117 100
119 97.7 75.3 112.9
121 30.7 23.7 35.5

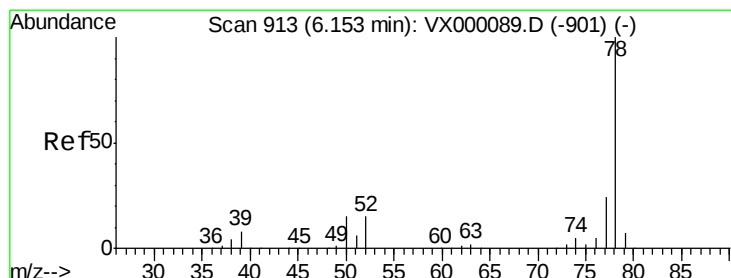
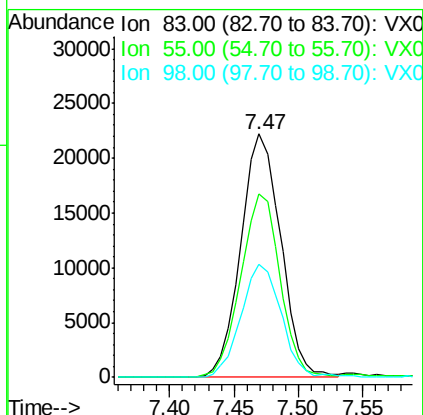
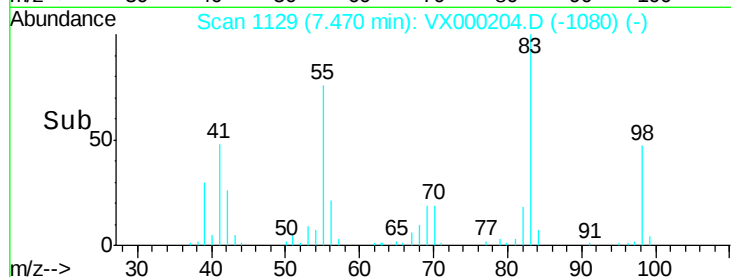
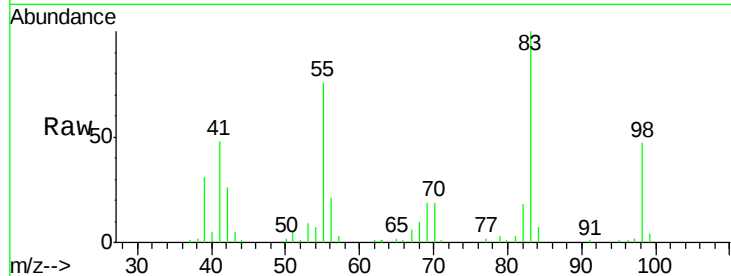




#39
Methvlcvclohexane
Concen: 20.67 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

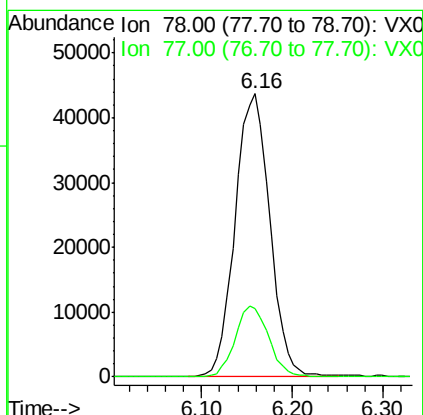
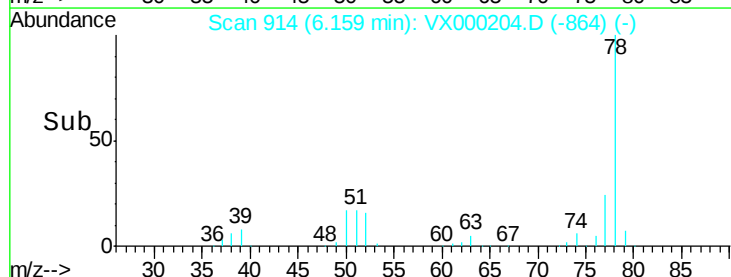
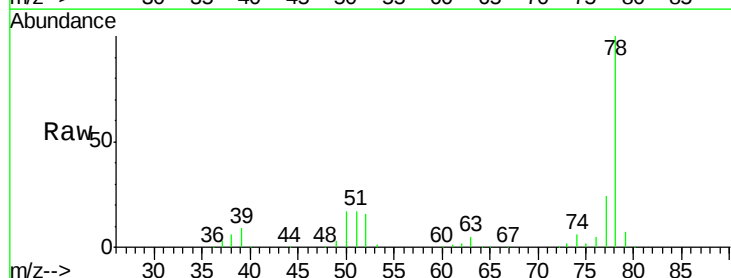
Instrument :
MSVOA_X
ClientSampleId :

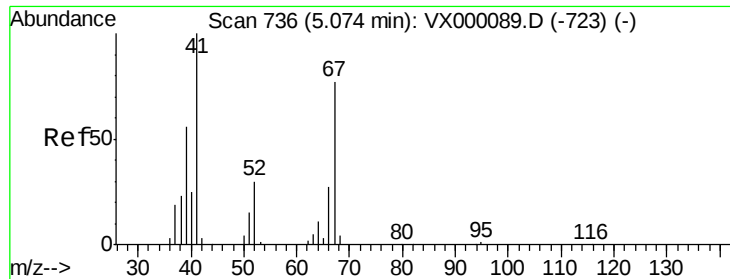
Tot Ion: 83 Resp: 47837
Ion Ratio Lower Upper
83 100
55 75.6 58.2 87.2
98 46.5 39.0 58.6



#40
Benzene
Concen: 21.20 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion: 78 Resp: 116458
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0

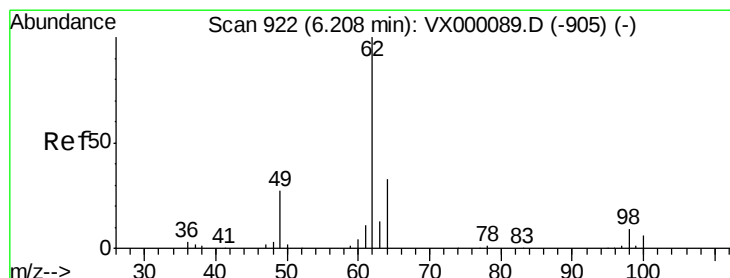
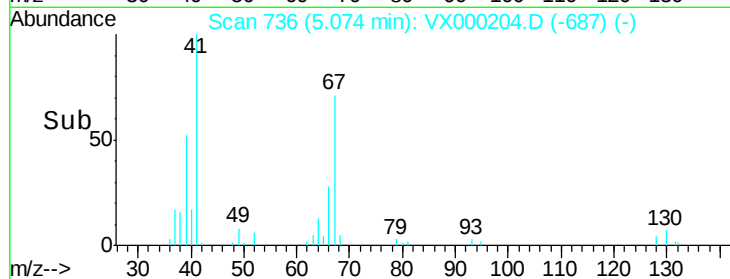
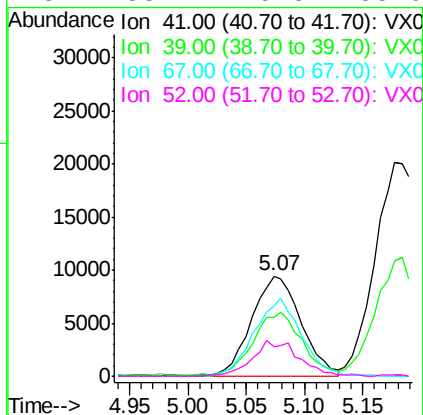
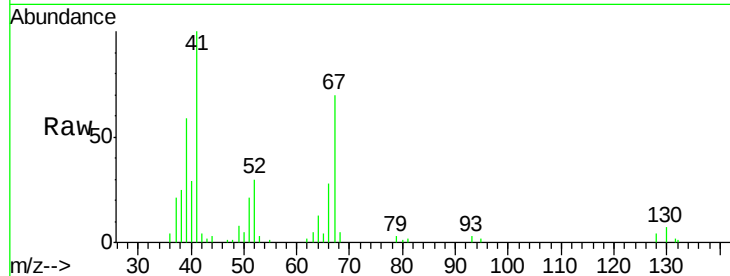




#41
Methacrylonitrile
Concen: 21.82 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

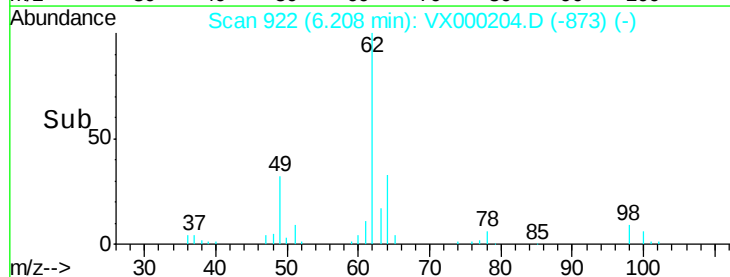
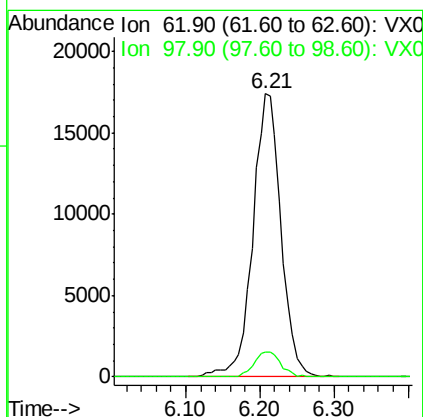
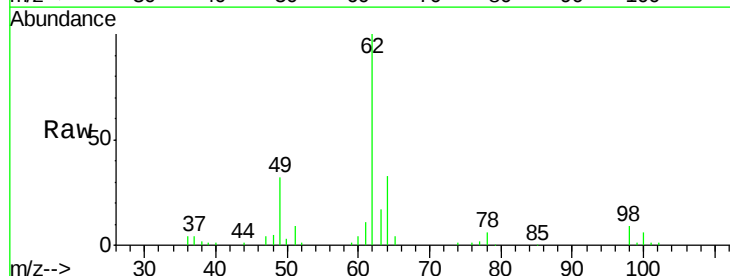
Instrument :
MSVOA_X
ClientSampled :

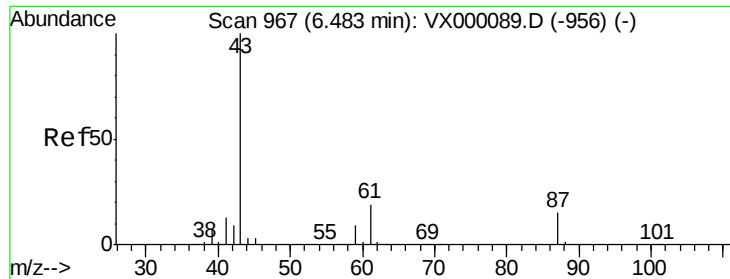
Tot Ion:	41	Resp:	28026
Ion	Ratio	Lower	Upper
41	100		
39	61.0	45.1	67.7
67	73.6	61.0	91.4
52	33.4	25.8	38.6



#42
1,2-Dichloroethane
Concen: 22.79 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion:	62	Resp:	45922
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.8



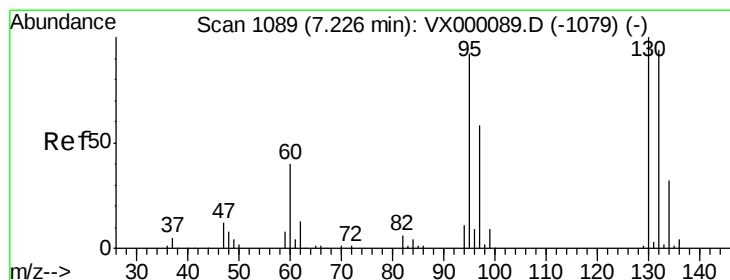
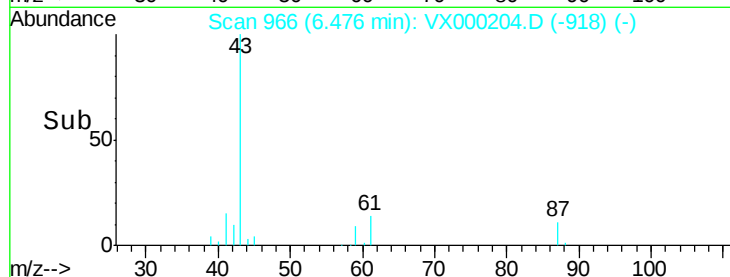
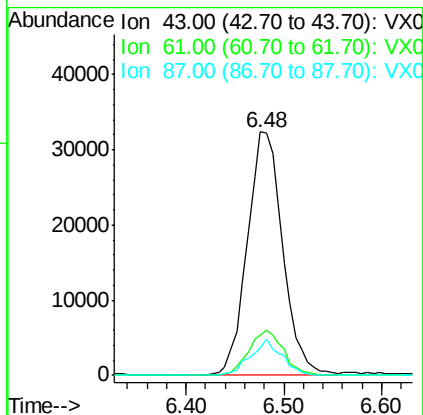
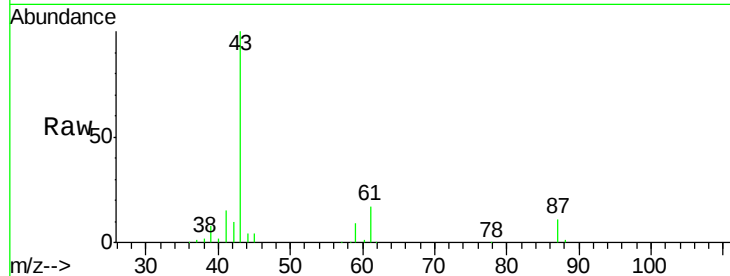


#43

Isopropyl Acetate
 Concen: 21.46 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :

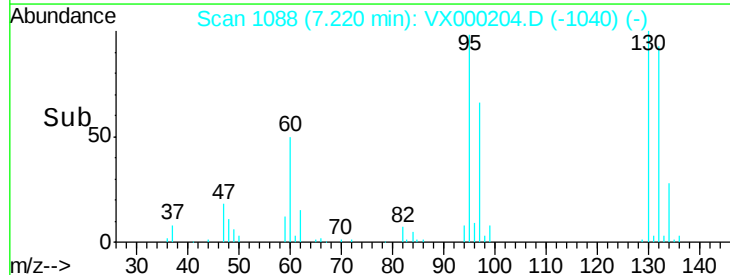
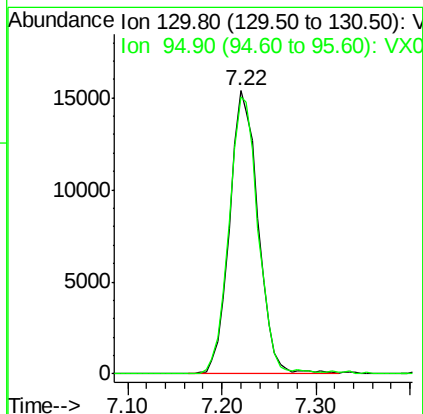
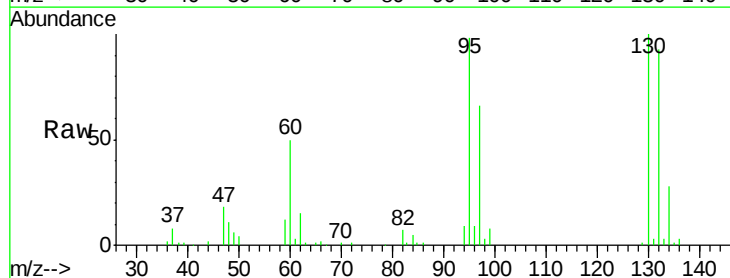
Tot Ion: 43 Resp: 81723
 Ion Ratio Lower Upper
 43 100
 61 18.3 15.6 23.4
 87 13.0 11.7 17.5

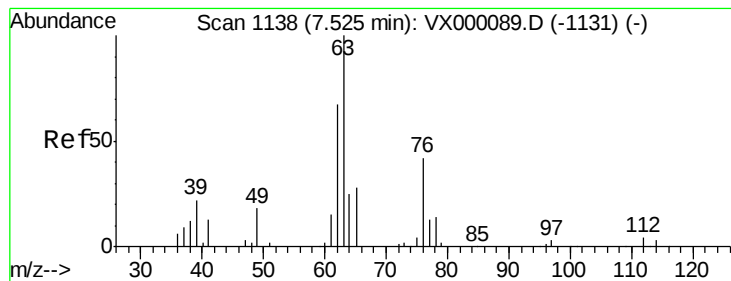


#44

Trichloroethene
 Concen: 20.04 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion:130 Resp: 32408
 Ion Ratio Lower Upper
 130 100
 95 97.8 0.0 183.4





#45

1,2-Dichloropropane

Concen: 22.14 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

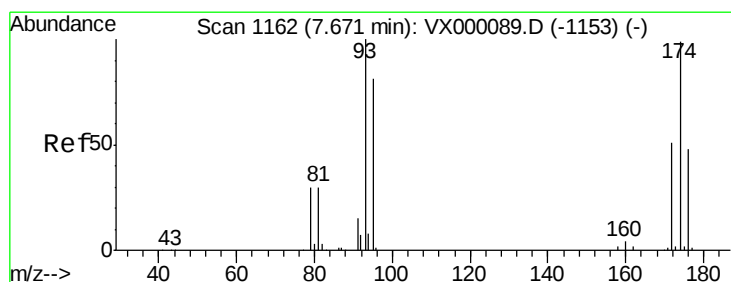
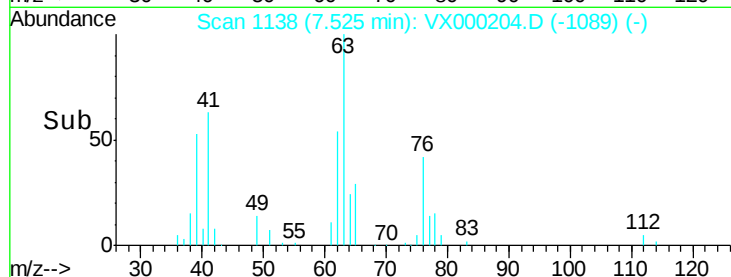
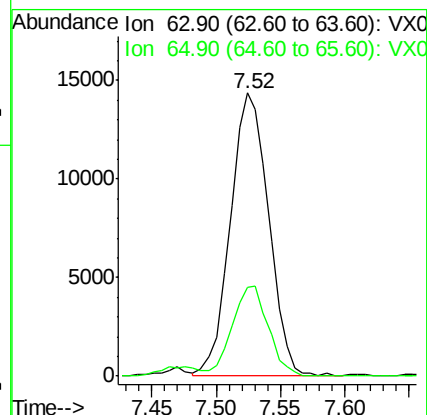
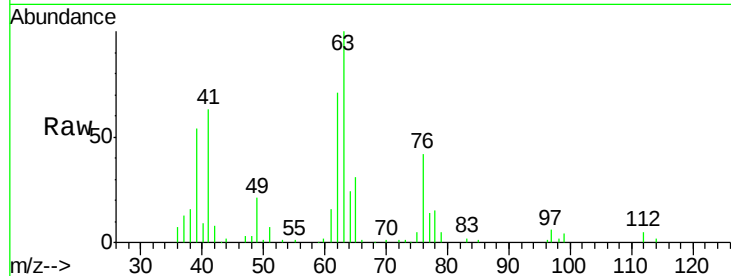
ClientSampleId :

Tot Ion: 63 Resp: 29800

Ion Ratio Lower Upper

63 100

65 31.5 23.8 35.8



#46

Dibromomethane

Concen: 22.01 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

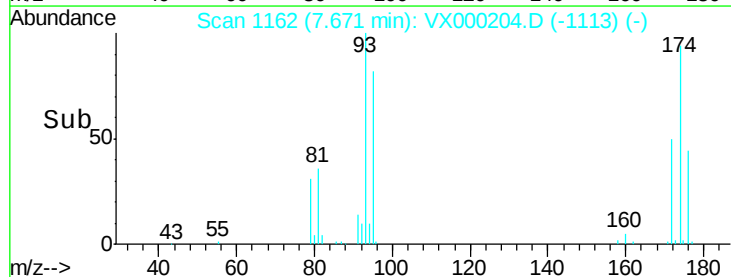
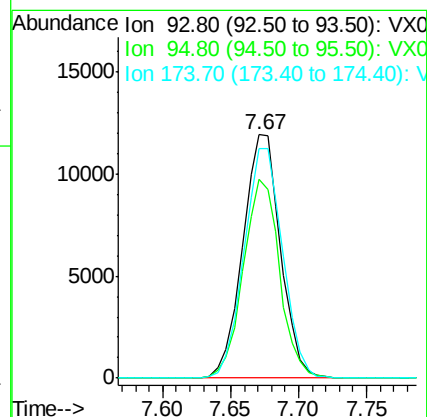
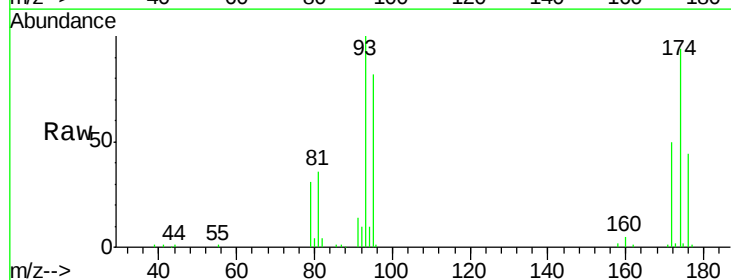
Tgt Ion: 93 Resp: 23118

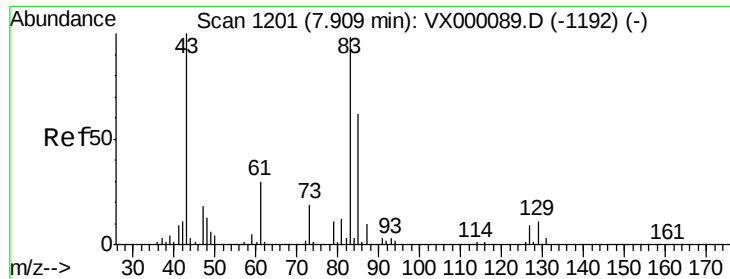
Ion Ratio Lower Upper

93 100

95 78.9 65.0 97.6

174 96.3 83.1 124.7





#47

Bromodichloromethane

Concen: 20.38 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :

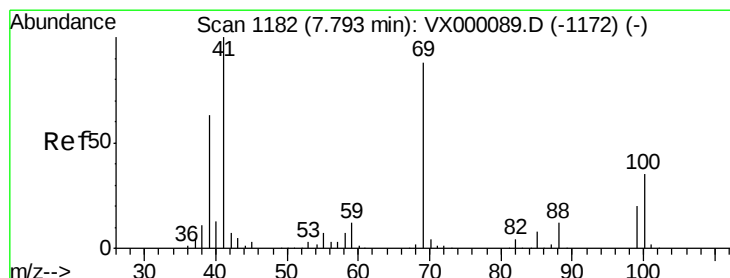
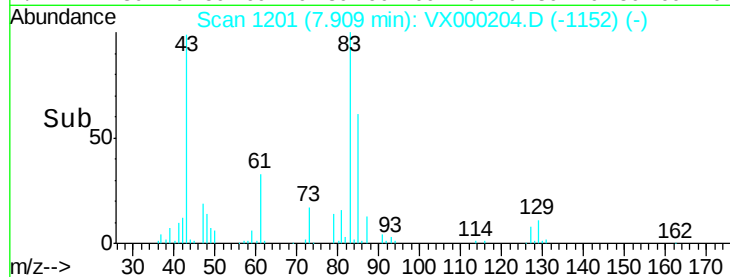
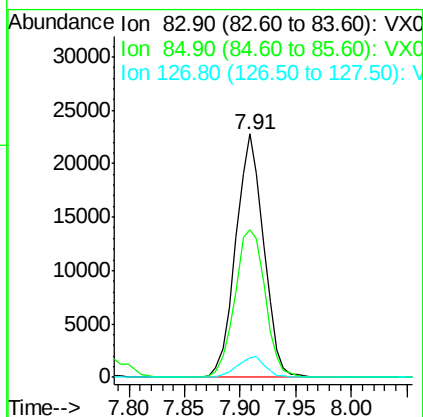
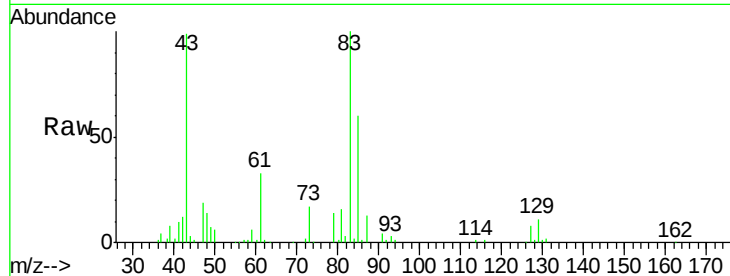
Tot Ion: 83 Resp: 39546

Ion Ratio Lower Upper

83 100

85 60.5 50.4 75.6

127 8.2 7.2 10.8



#48

Methyl methacrylate

Concen: 21.63 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

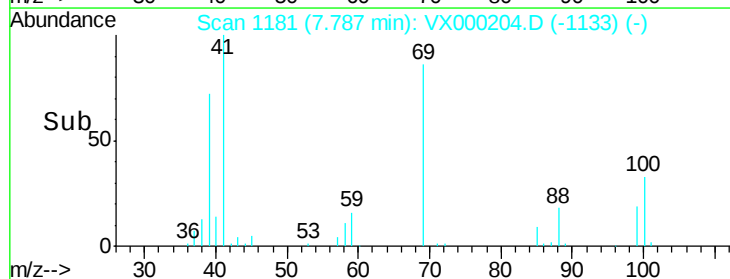
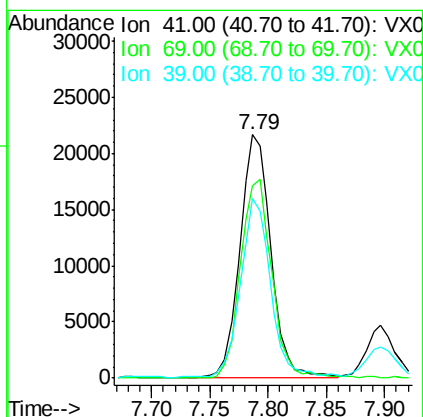
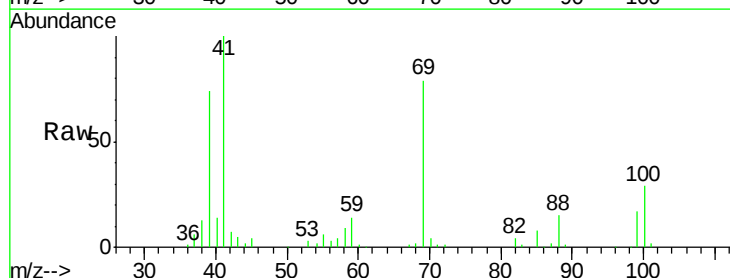
Tgt Ion: 41 Resp: 40384

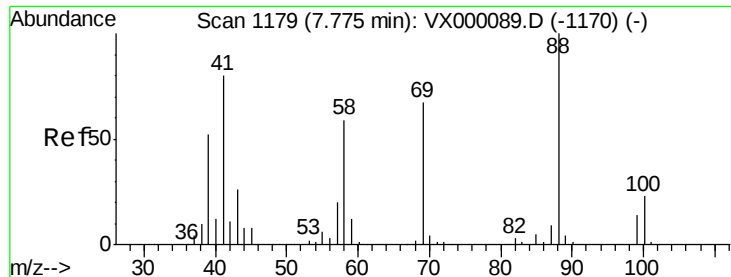
Ion Ratio Lower Upper

41 100

69 83.2 70.2 105.4

39 70.6 51.0 76.6

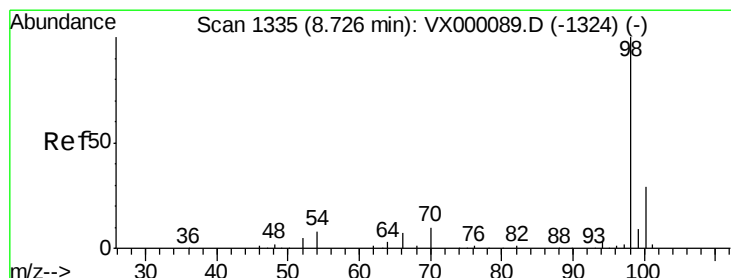
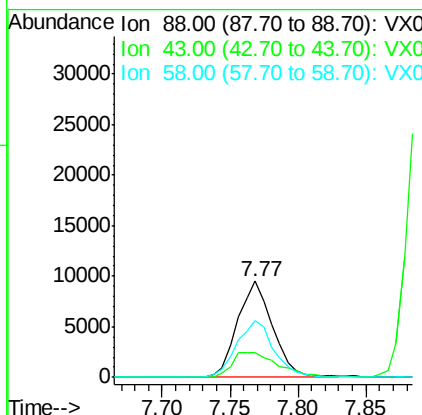
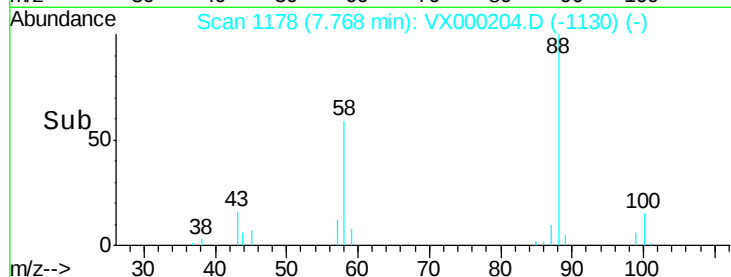
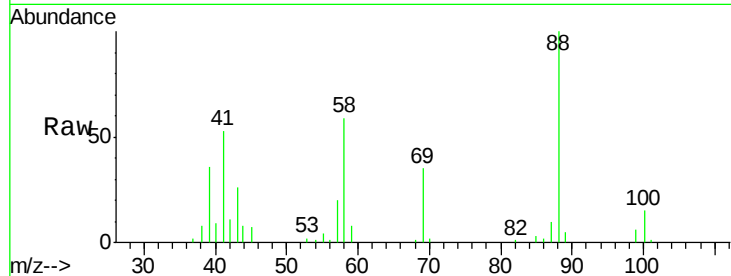




#49
1,4-Dioxane
Concen: 350.92 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

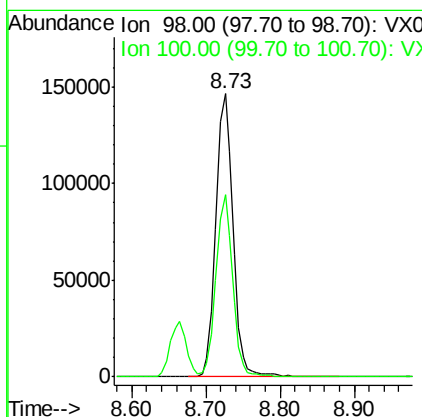
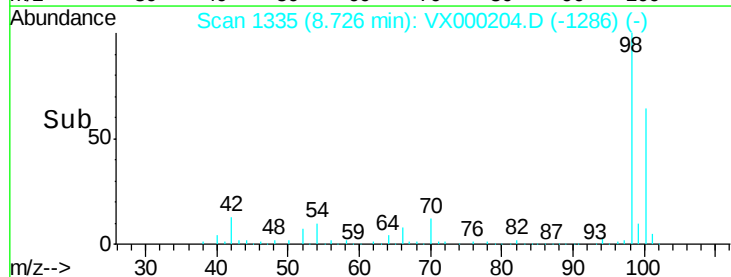
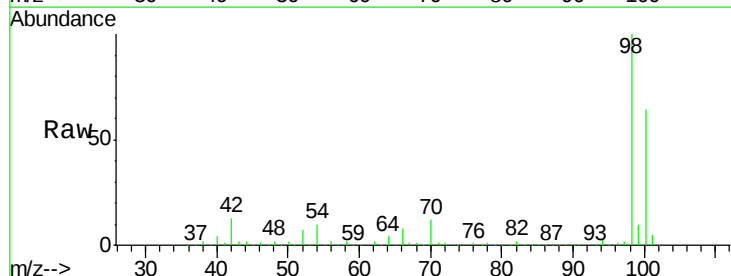
Instrument :
MSVOA_X
ClientSampleId :

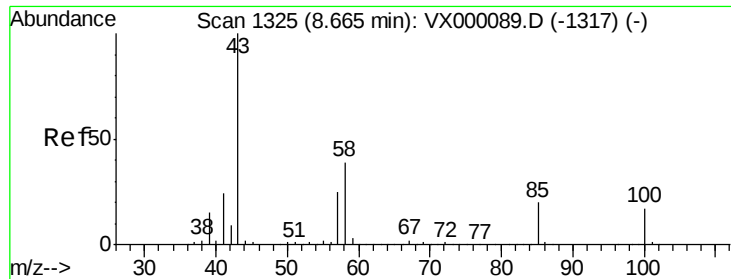
Tot Ion: 88 Resp: 17177
Ion Ratio Lower Upper
88 100
43 34.1 24.1 36.1
58 62.8 49.0 73.6



#50
Toluene-d8
Concen: 43.58 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion: 98 Resp: 232431
Ion Ratio Lower Upper
98 100
100 63.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 114.14 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

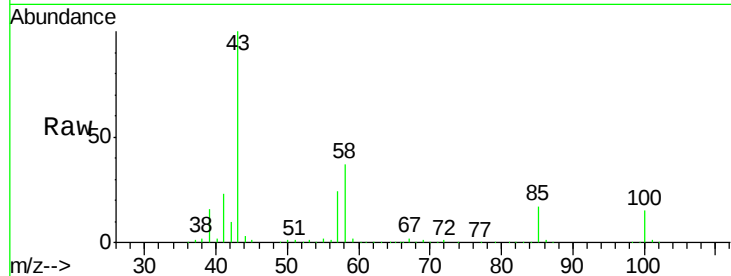
ClientSampleId :

Tot Ion: 43 Resp: 317735

Ion Ratio Lower Upper

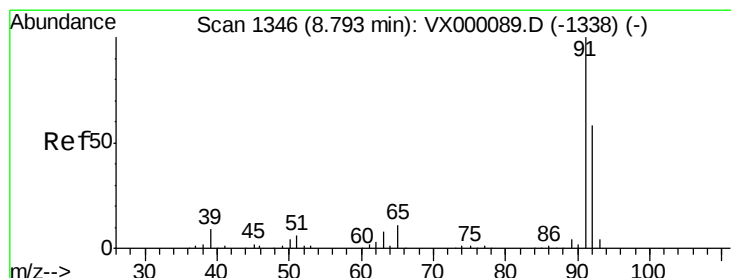
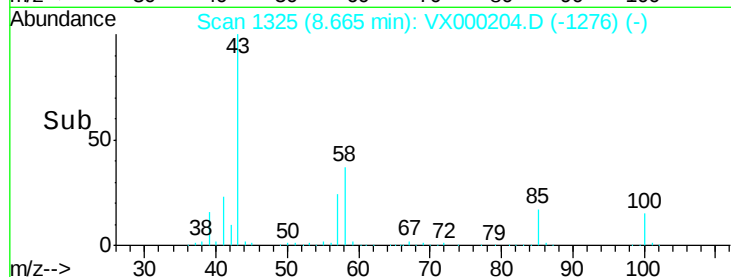
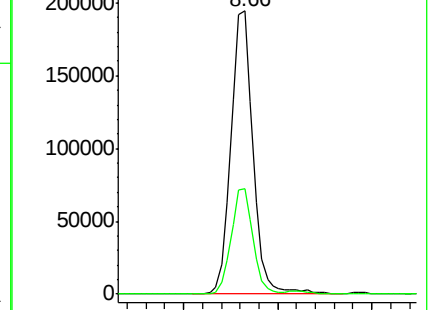
43 100

58 36.4 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 21.50 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000204.D

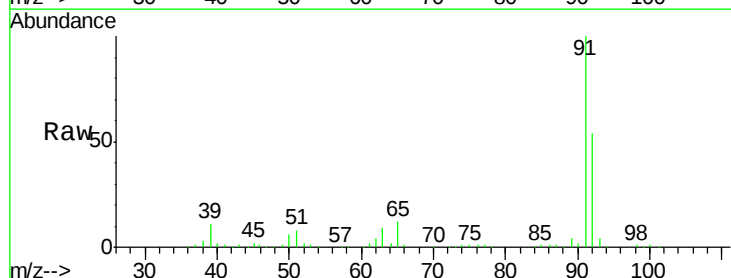
Acq: 02 Mar 2018 20:41

Tgt Ion: 92 Resp: 78874

Ion Ratio Lower Upper

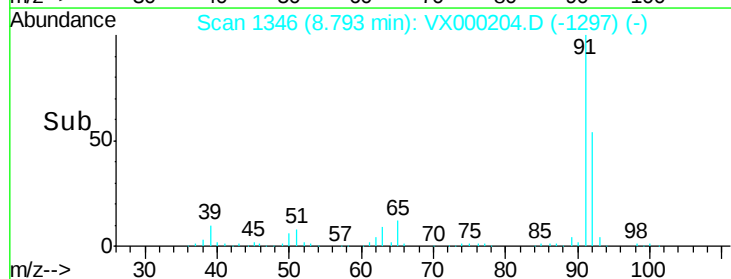
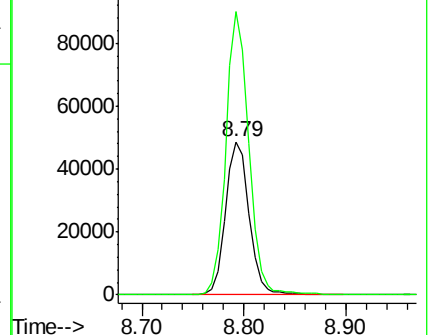
92 100

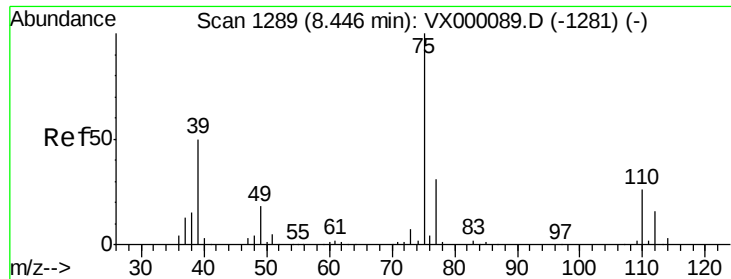
91 178.3 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 20.51 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

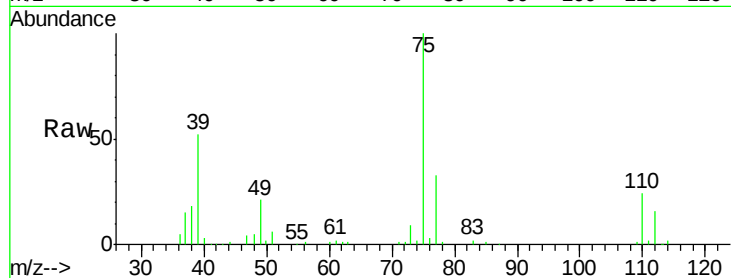
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 46787

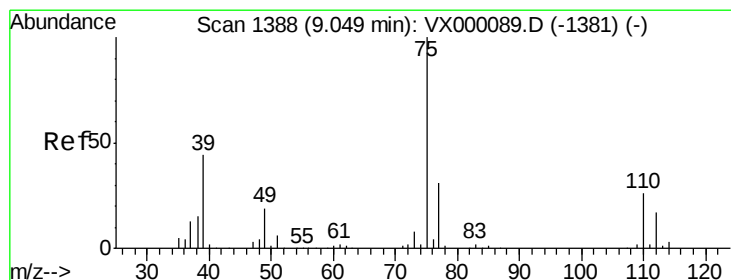
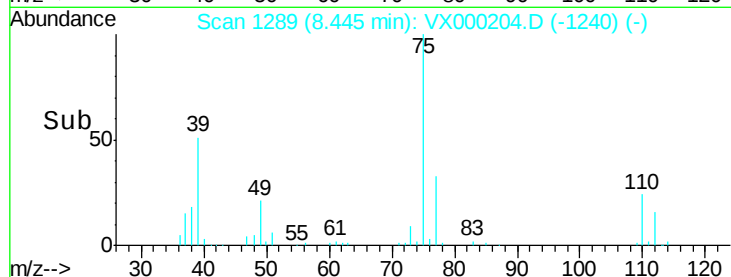
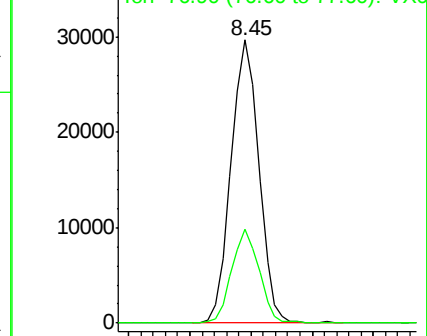
Ion Ratio Lower Upper

75 100

77 33.1 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.23 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

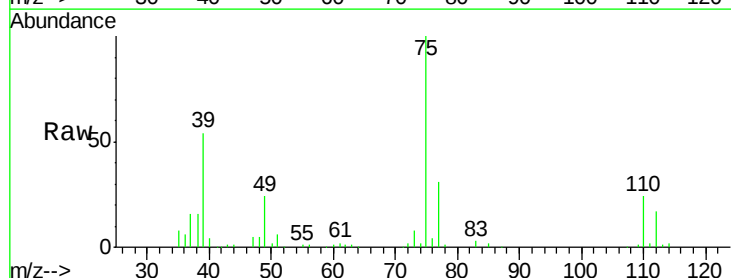
Tgt Ion: 75 Resp: 45812

Ion Ratio Lower Upper

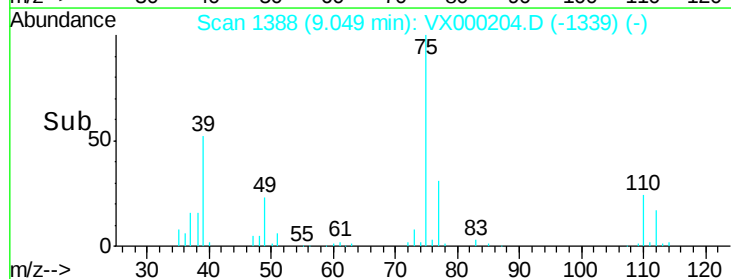
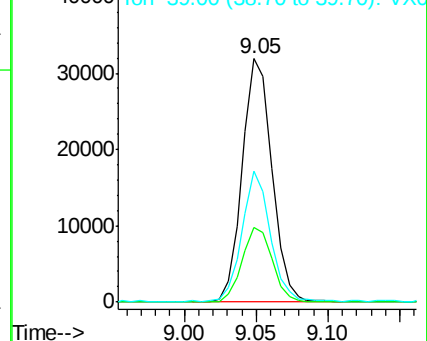
75 100

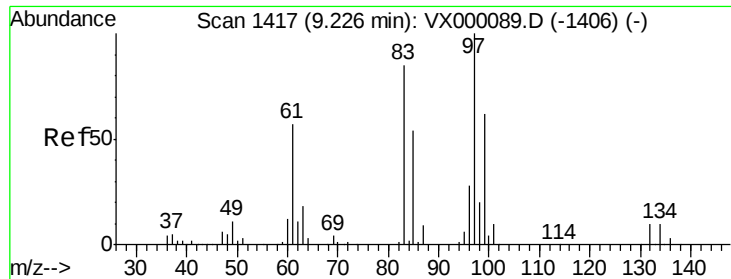
77 30.5 25.0 37.6

39 53.3 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0



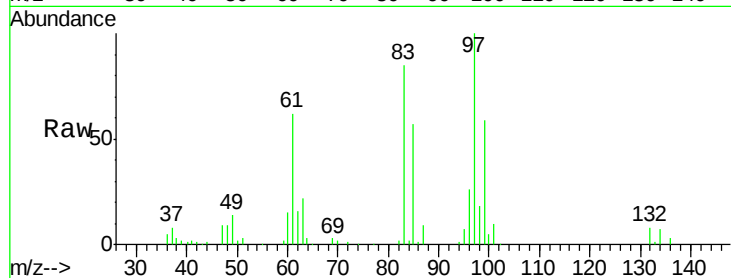


#55
 1,1,2-Trichloroethane
 Concen: 21.55 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

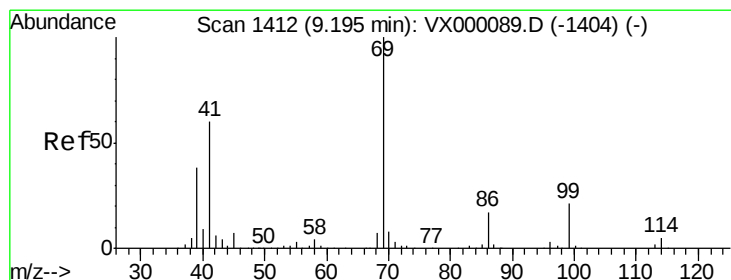
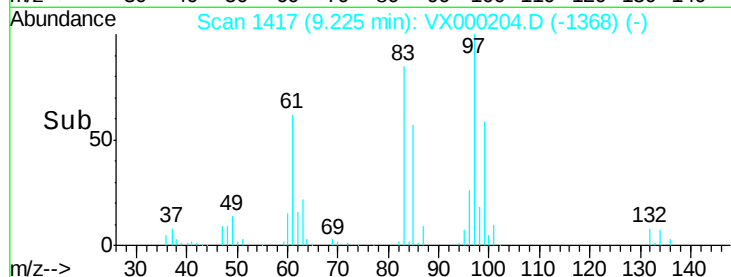
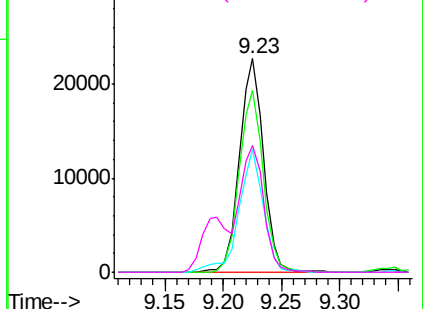
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 32695

Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.6	101.4
85	57.3	42.9	64.3
99	59.4	49.8	74.6



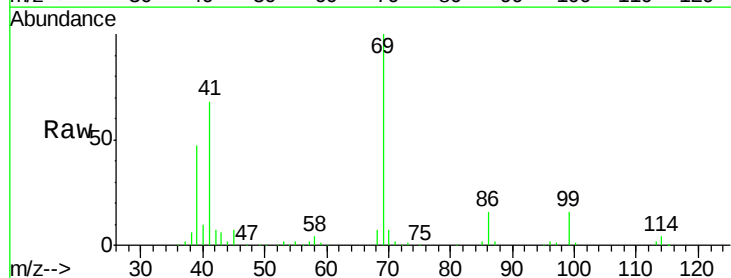
Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



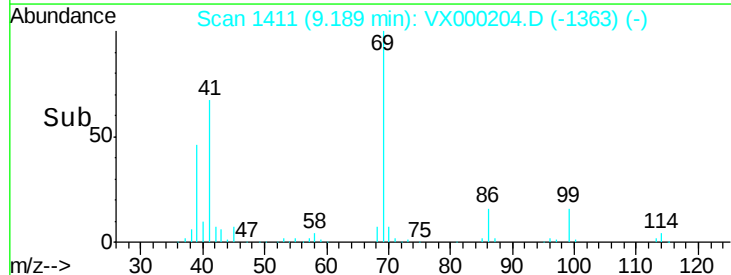
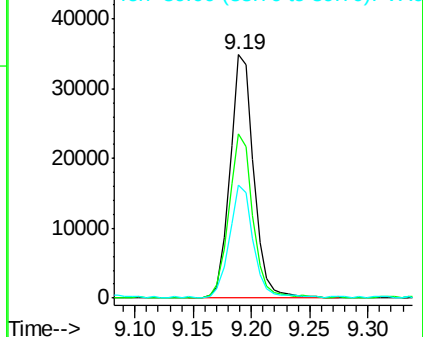
#56
 Ethyl methacrylate
 Concen: 21.29 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

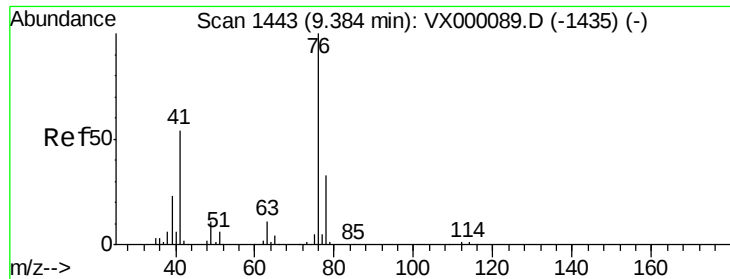
Tgt Ion: 69 Resp: 49564

Ion	Ratio	Lower	Upper
69	100		
41	68.2	49.4	74.0
39	45.8	31.3	46.9



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

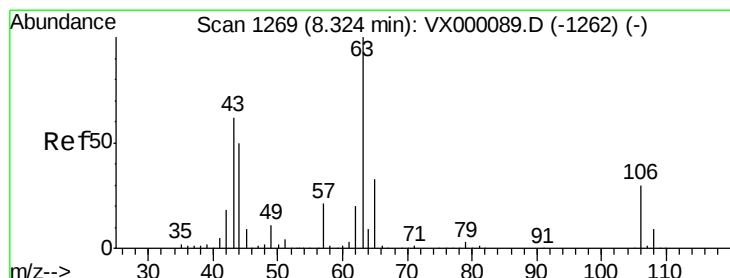
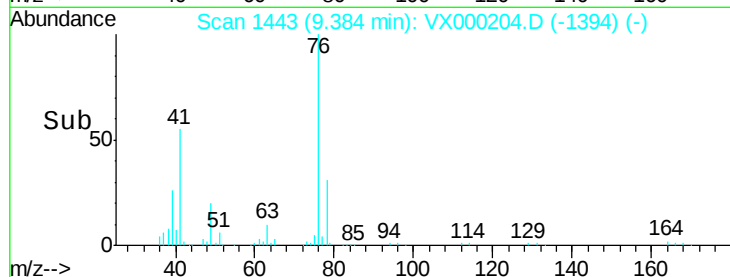
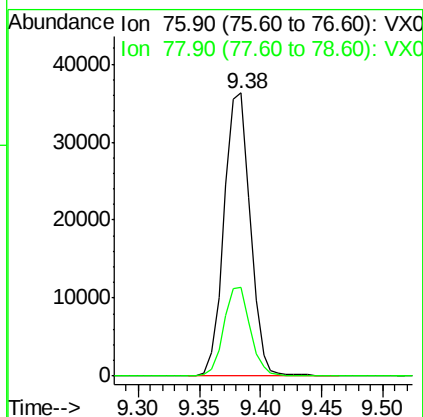
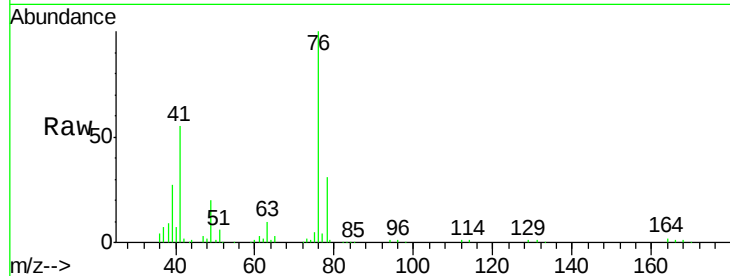




#57
 1,3-Dichloropropane
 Concen: 22.37 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

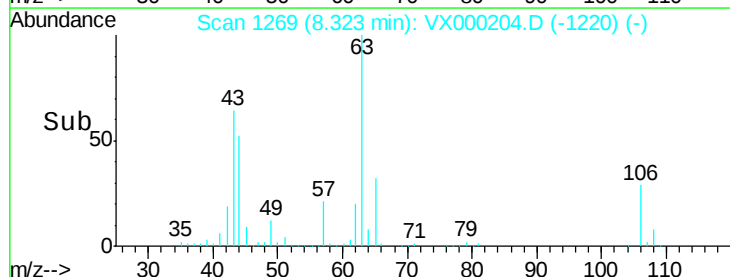
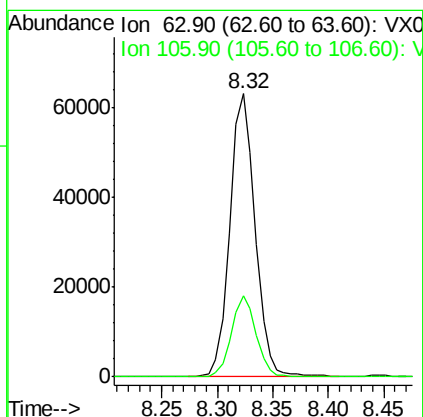
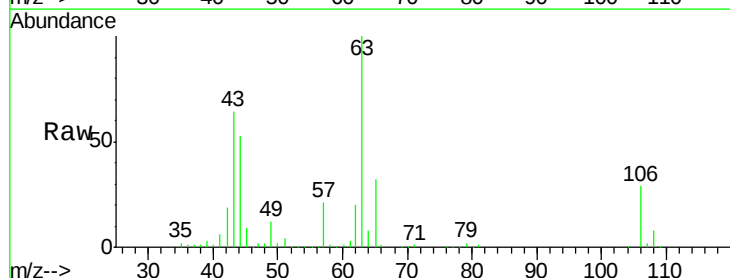
Instrument :
 MSVOA_X
 ClientSampled :

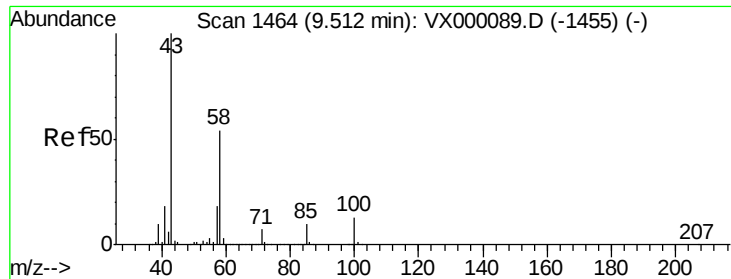
Tot Ion: 76 Resp: 53907
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 84.40 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion: 63 Resp: 99334
 Ion Ratio Lower Upper
 63 100
 106 27.9 24.6 37.0

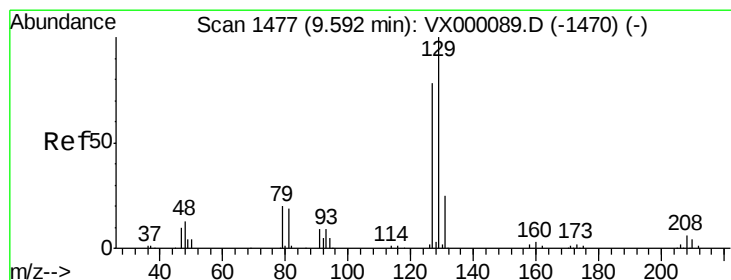
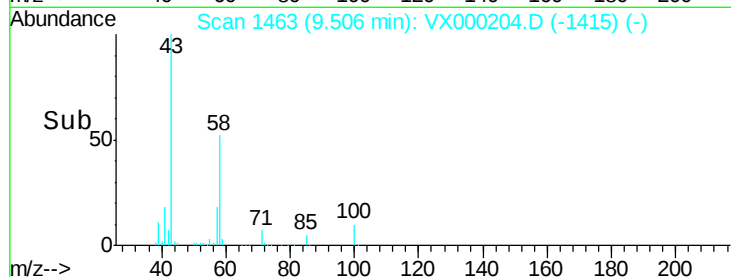
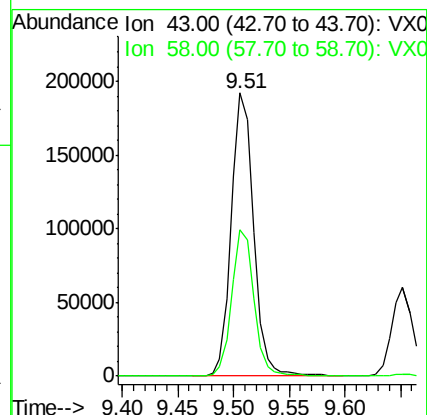
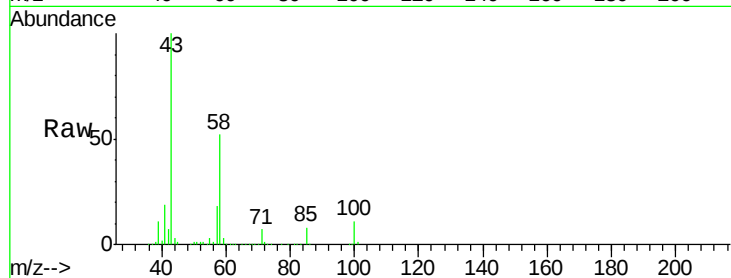




#59
2-Hexanone
Concen: 113.71 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

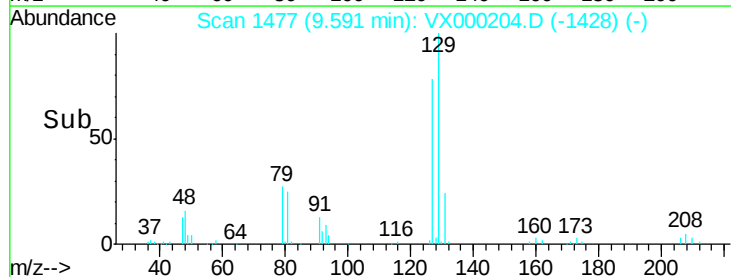
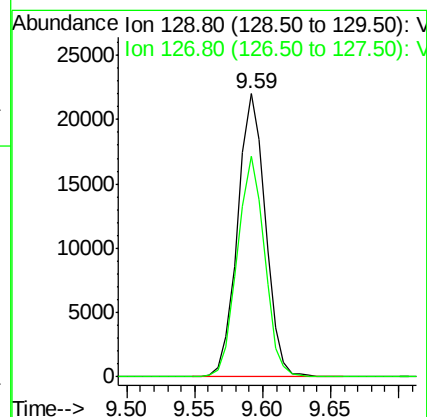
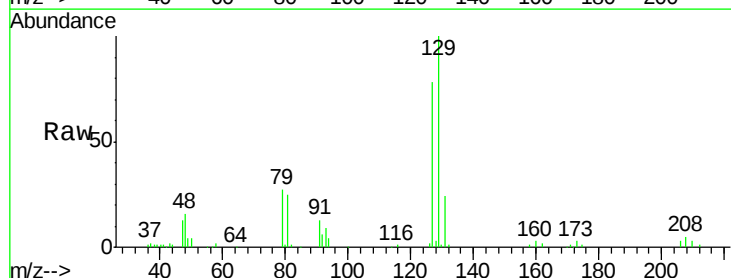
Instrument :
MSVOA_X
ClientSampled :

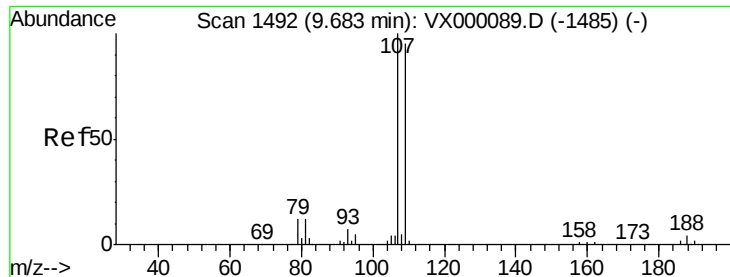
Tot Ion: 43 Resp: 268012
Ion Ratio Lower Upper
43 100
58 51.5 27.1 81.3



#60
Dibromochloromethane
Concen: 18.26 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion:129 Resp: 31389
Ion Ratio Lower Upper
129 100
127 76.5 37.6 112.9

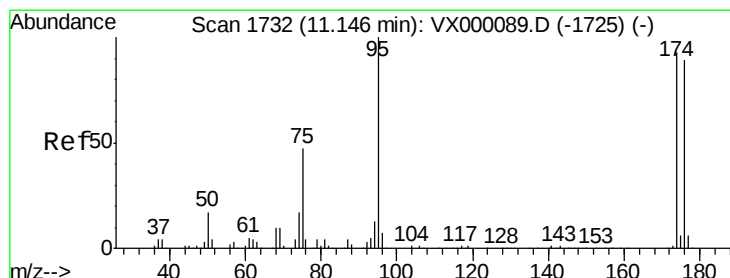
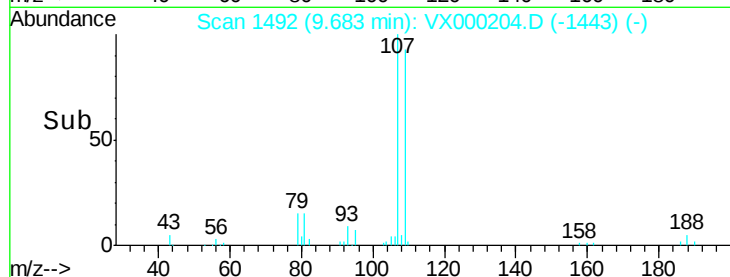
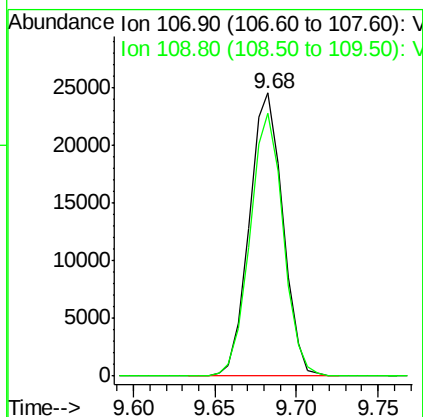
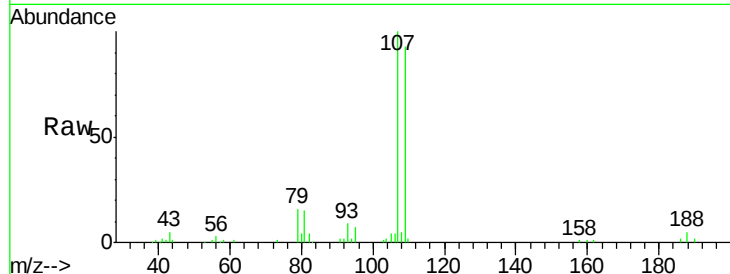




#61
 1,2-Dibromoethane
 Concen: 20.88 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

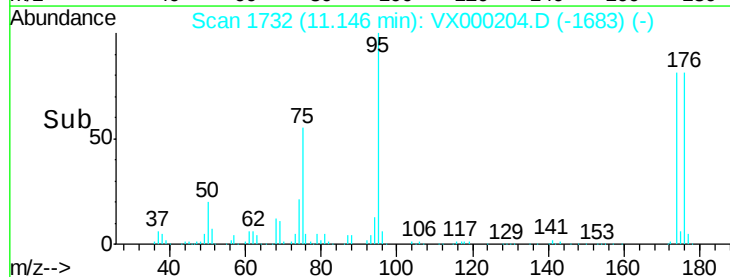
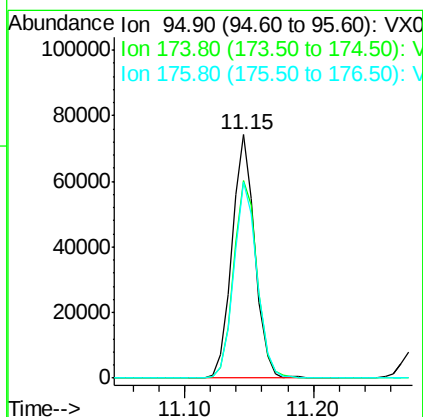
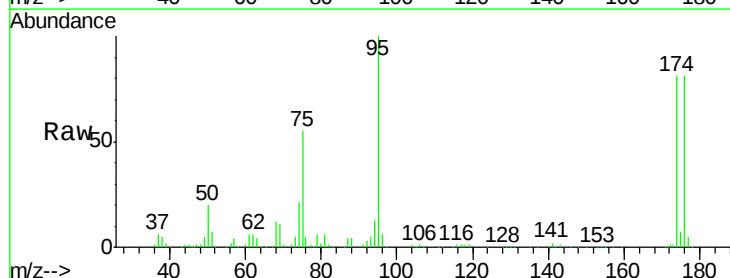
Instrument :
 MSVOA_X
 ClientSampled :

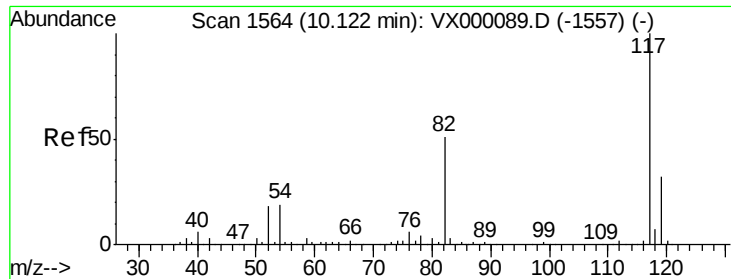
Tot Ion:107 Resp: 35158
 Ion Ratio Lower Upper
 107 100
 109 92.6 76.4 114.6



#62
 4-Bromofluorobenzene
 Concen: 44.02 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion: 95 Resp: 92041
 Ion Ratio Lower Upper
 95 100
 174 83.9 0.0 187.8
 176 81.8 0.0 181.2

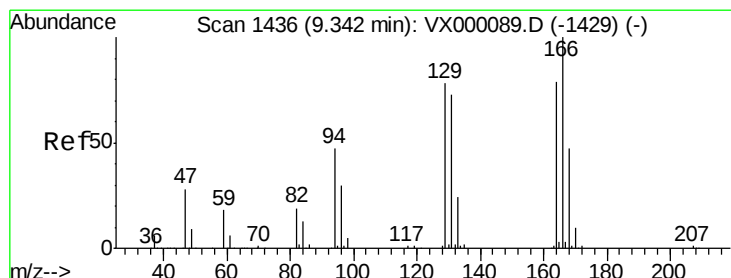
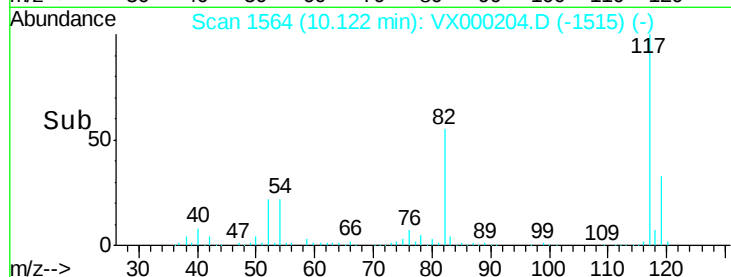
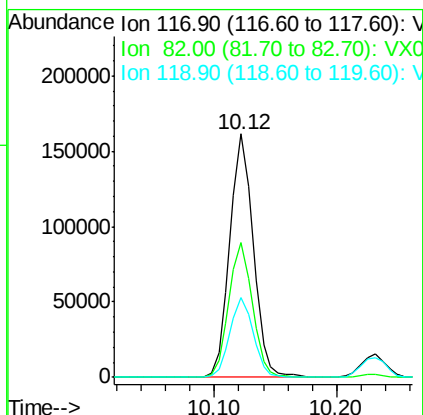
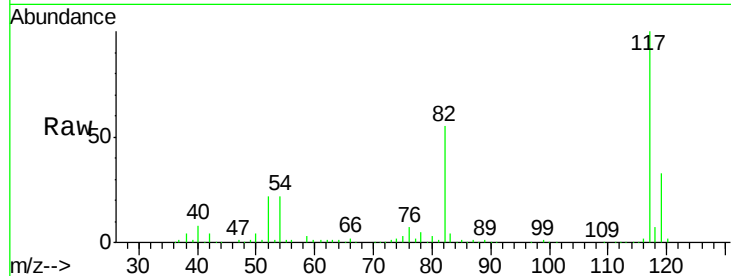




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

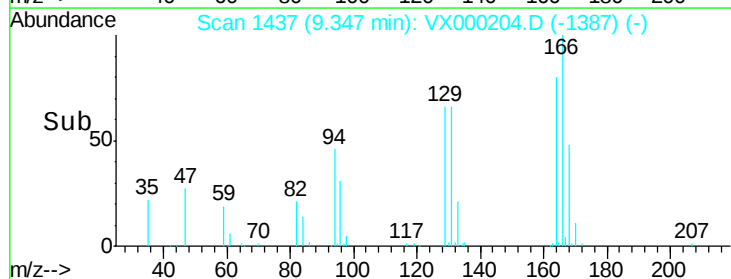
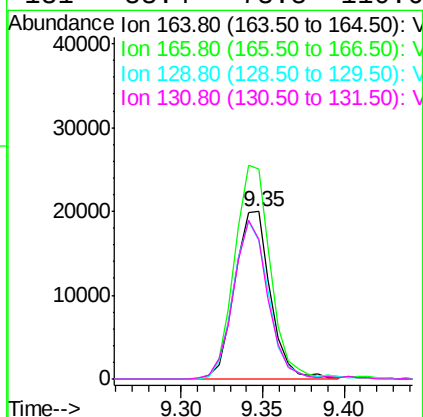
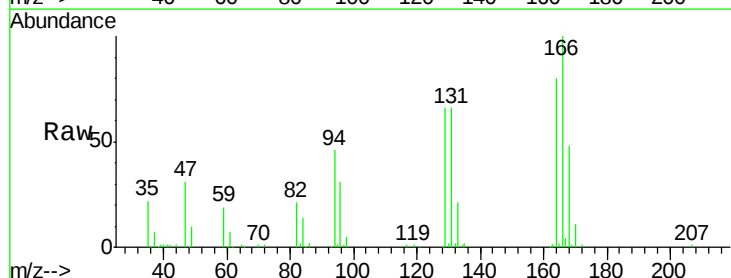
Instrument :
MSVOA_X
ClientSampleId :

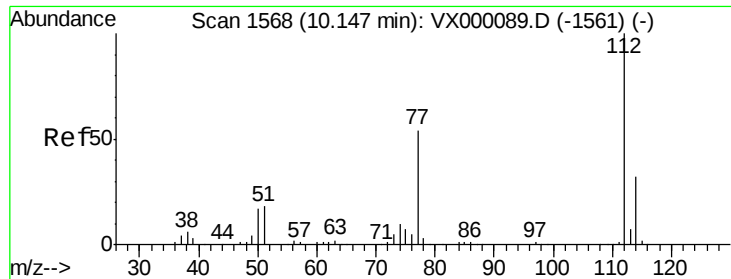
Tot Ion:117 Resp: 214589
Ion Ratio Lower Upper
117 100
82 55.2 41.0 61.6
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 19.58 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. 0.01 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion:164 Resp: 30594
Ion Ratio Lower Upper
164 100
166 125.4 101.4 152.2
129 83.0 78.6 118.0
131 83.4 73.8 110.6

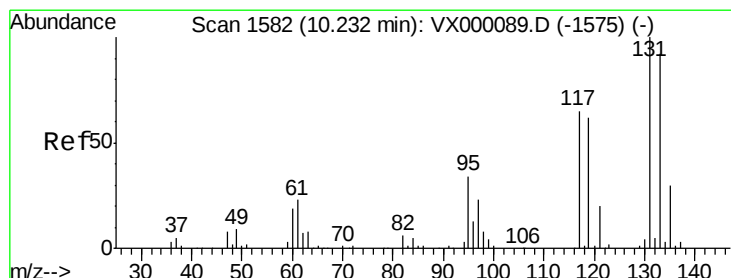
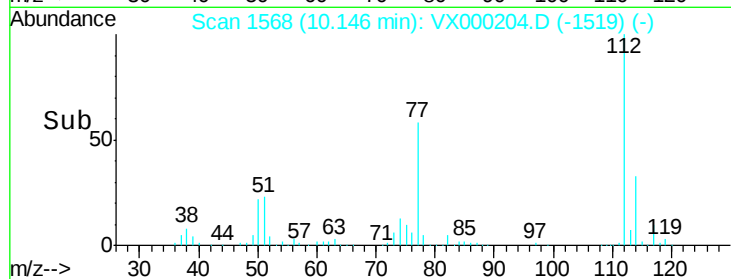
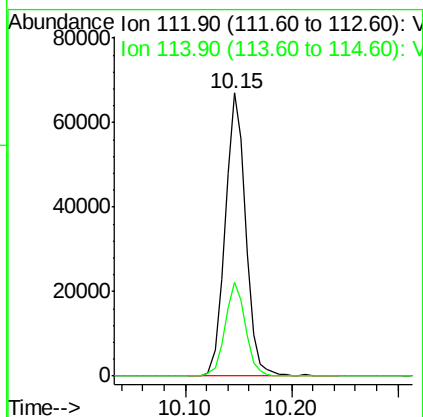
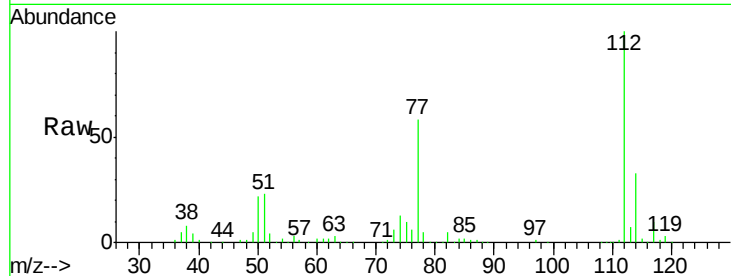




#65
Chlorobenzene
Concen: 19.92 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

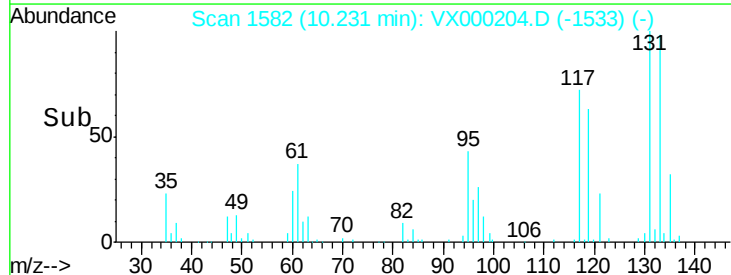
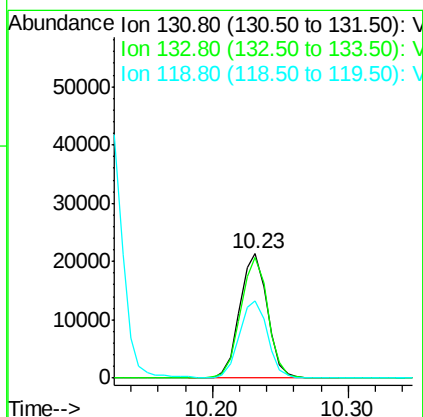
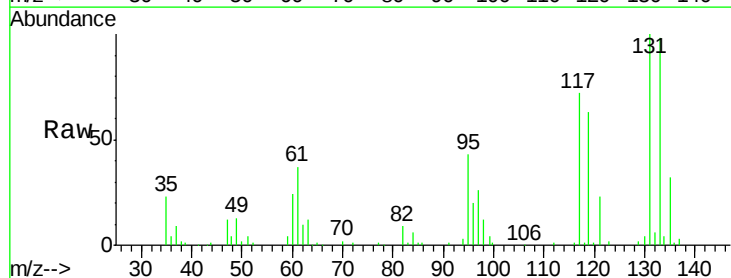
Instrument :
MSVOA_X
ClientSampled :

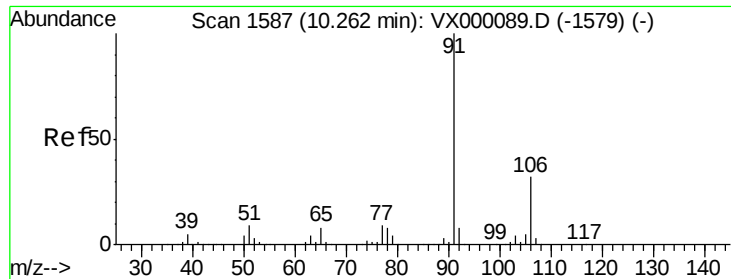
Tot Ion:112 Resp: 90246
Ion Ratio Lower Upper
112 100
114 33.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.04 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion:131 Resp: 30189
Ion Ratio Lower Upper
131 100
133 96.2 47.4 142.3
119 64.2 31.7 95.1

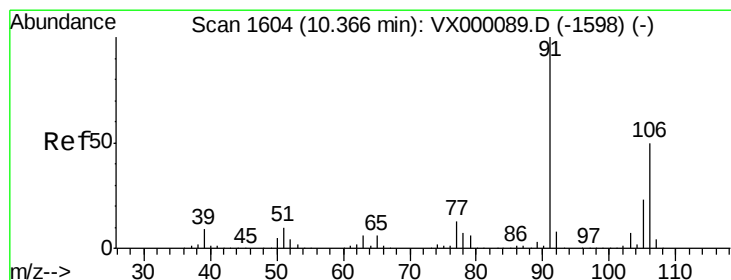
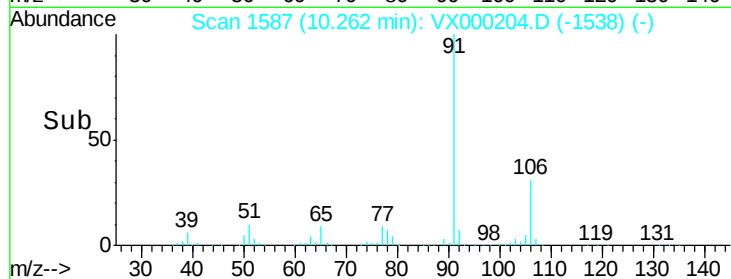
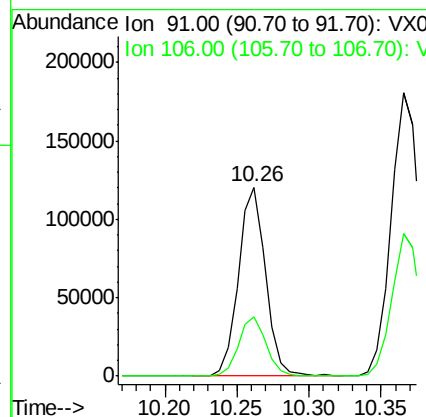
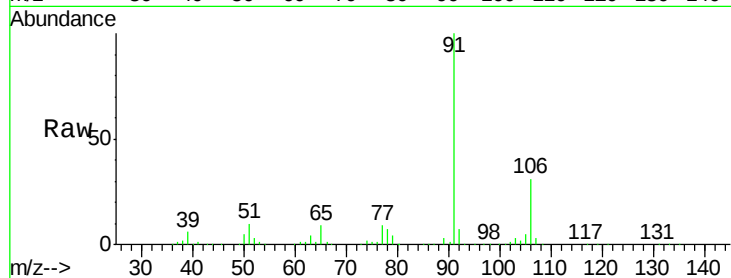




#67
Ethyl Benzene
Concen: 20.81 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

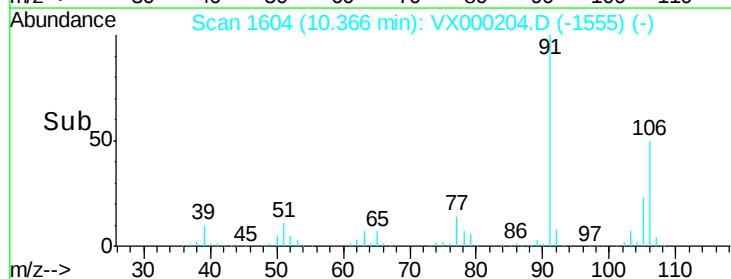
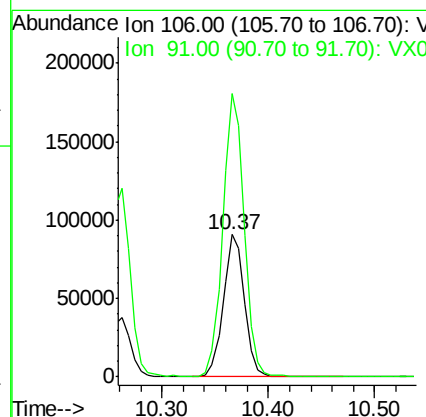
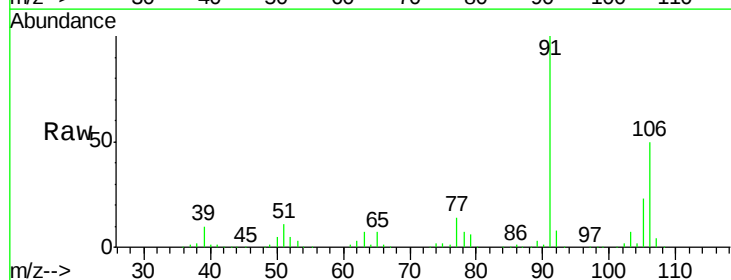
Instrument :
MSVOA_X
ClientSampled :

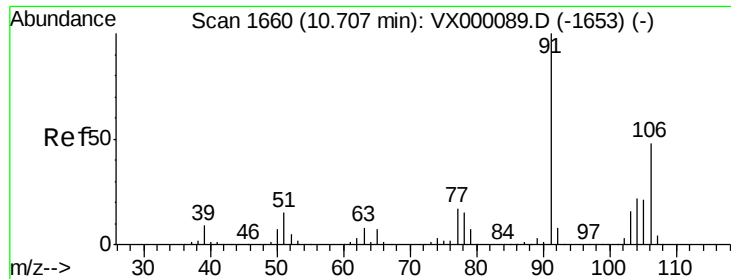
Tot Ion: 91 Resp: 158278
Ion Ratio Lower Upper
91 100
106 31.2 25.8 38.6



#68
m/p-Xylenes
Concen: 41.35 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion: 106 Resp: 124509
Ion Ratio Lower Upper
106 100
91 201.4 159.1 238.7

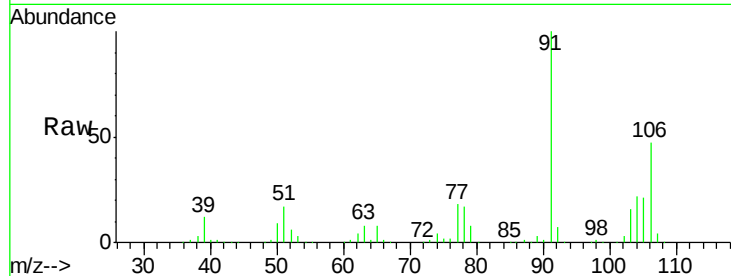




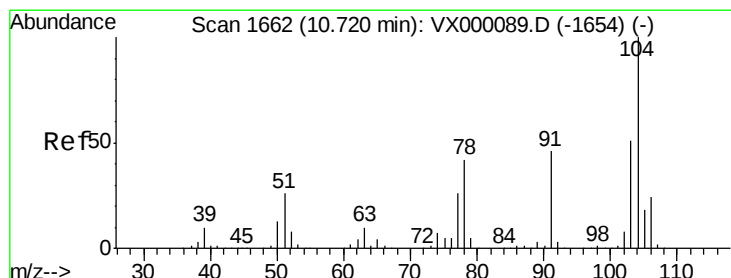
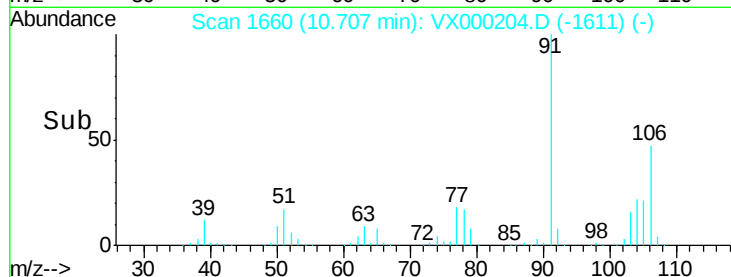
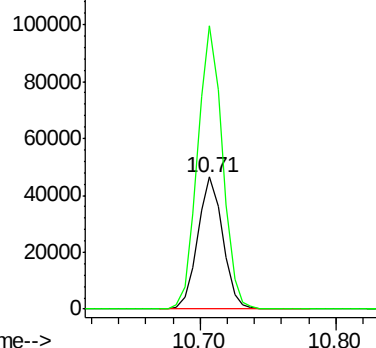
#69
o-Xylene
Concen: 20.48 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 59479
Ion Ratio Lower Upper
106 100
91 213.3 103.8 311.6

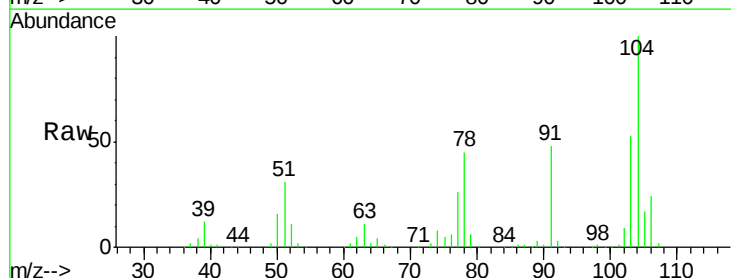


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

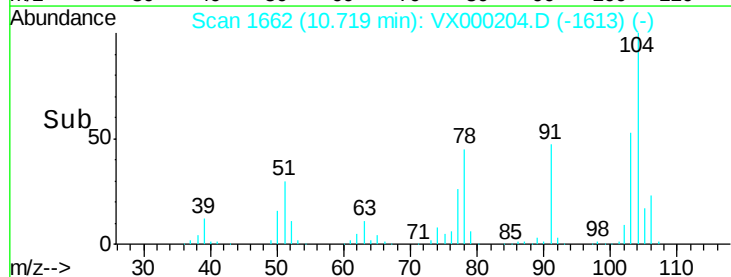
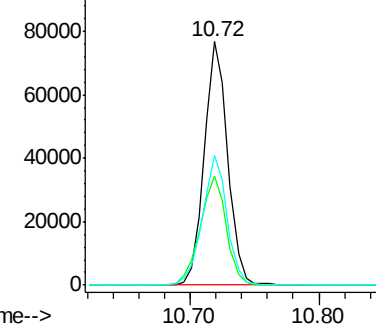


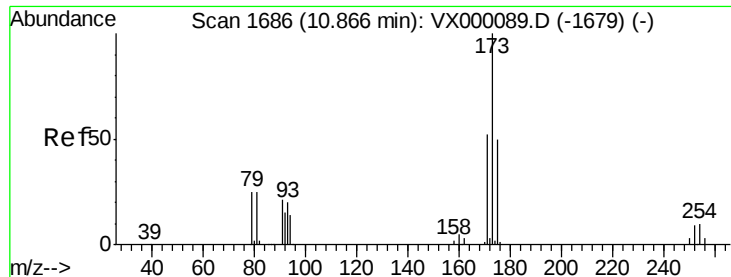
#70
Styrene
Concen: 20.53 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion:104 Resp: 97509
Ion Ratio Lower Upper
104 100
78 50.3 38.2 57.4
103 56.4 44.2 66.4



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





#71

Bromoform

Concen: 16.55 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

ClientSampled :

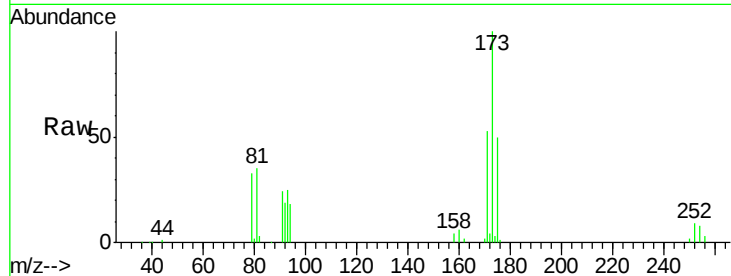
Tot Ion:173 Resp: 23823

Ion Ratio Lower Upper

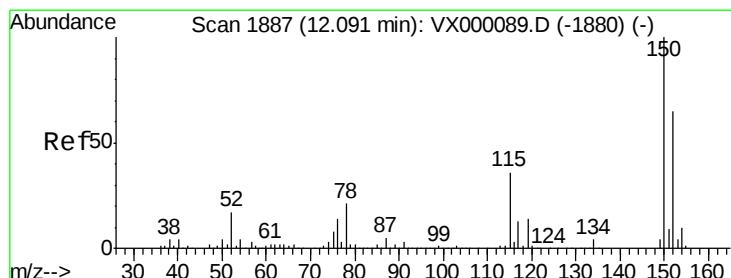
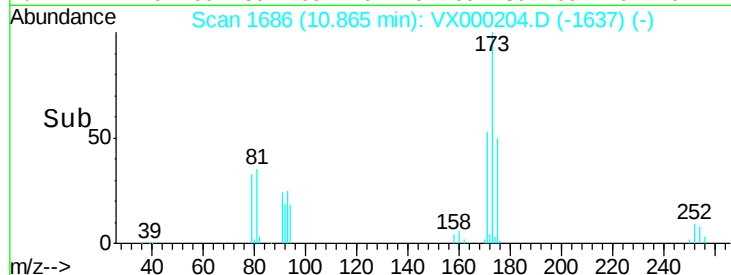
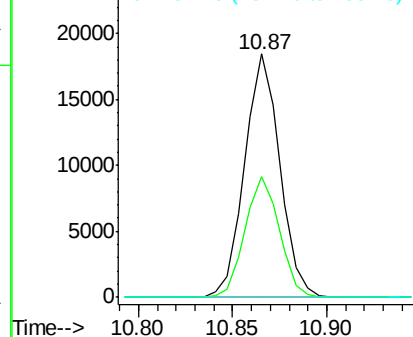
173 100

175 48.6 24.3 73.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

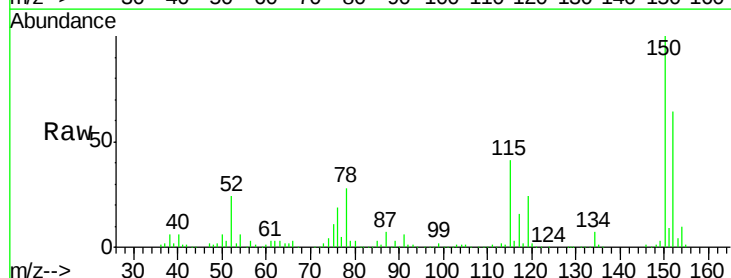
Tgt Ion:152 Resp: 121210

Ion Ratio Lower Upper

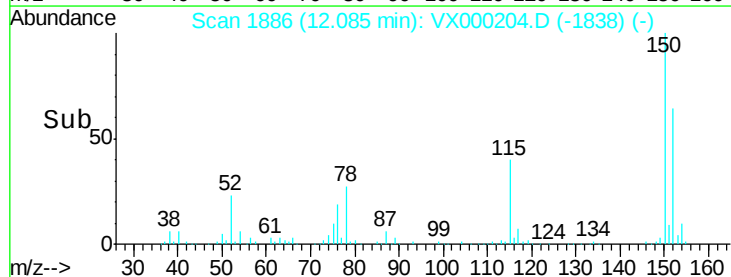
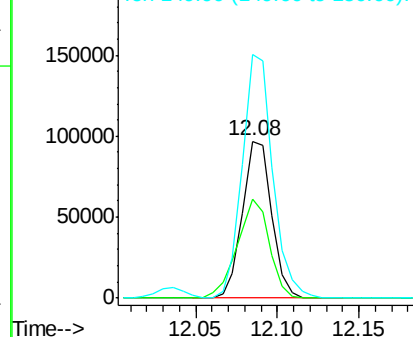
152 100

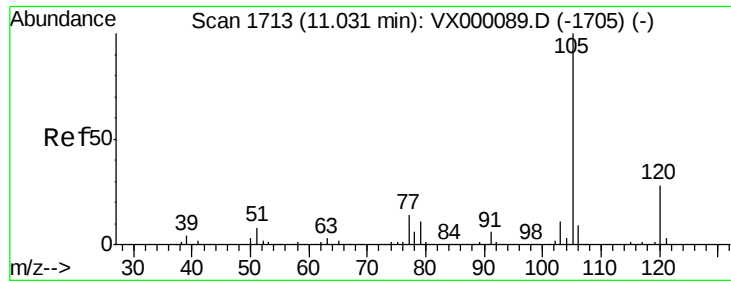
115 69.3 39.1 117.2

150 162.2 0.0 348.2



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





#73

Isopropylbenzene

Concen: 21.08 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

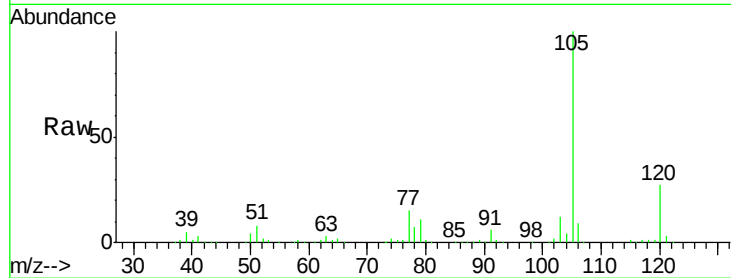
ClientSampled :

Tot Ion:105 Resp: 161963

Ion Ratio Lower Upper

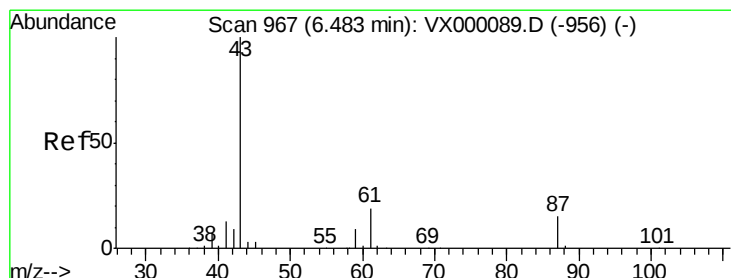
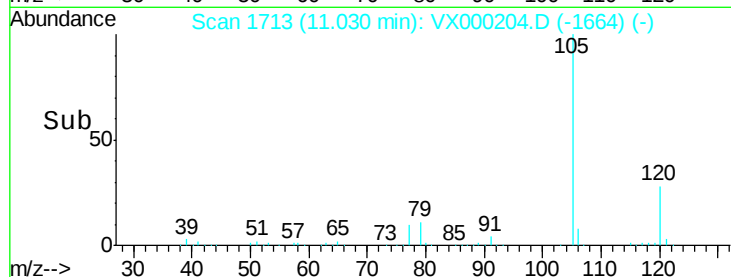
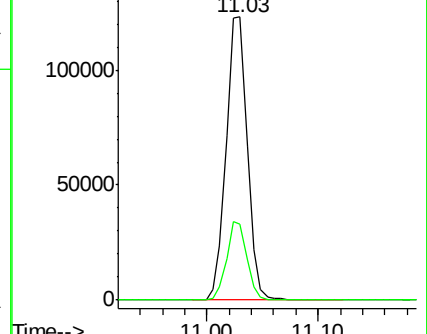
105 100

120 26.5 14.0 42.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.06 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Tgt Ion: 43 Resp: 81723

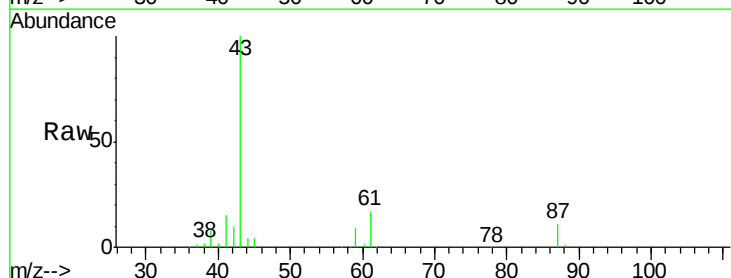
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 18.3 15.6 23.4

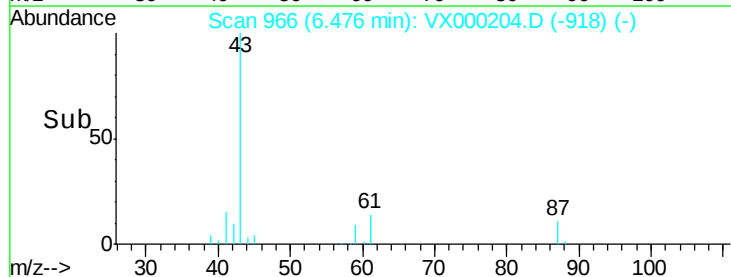
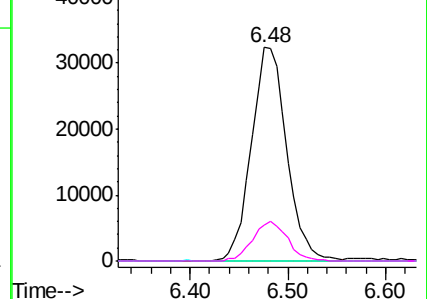


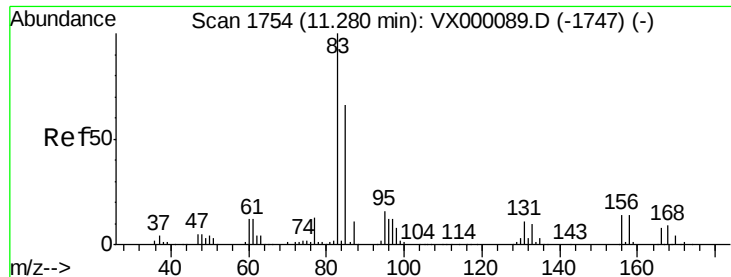
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.70 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

ClientSampled :

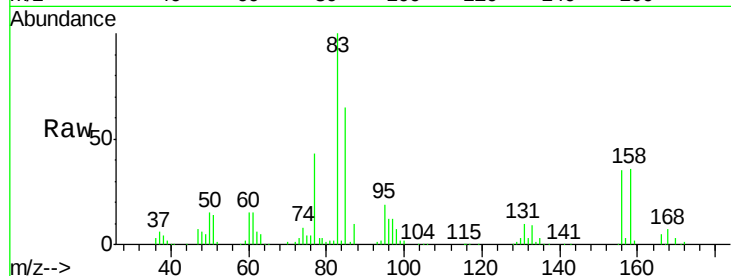
Tot Ion: 83 Resp: 58044

Ion Ratio Lower Upper

83 100

131 10.1 5.6 16.8

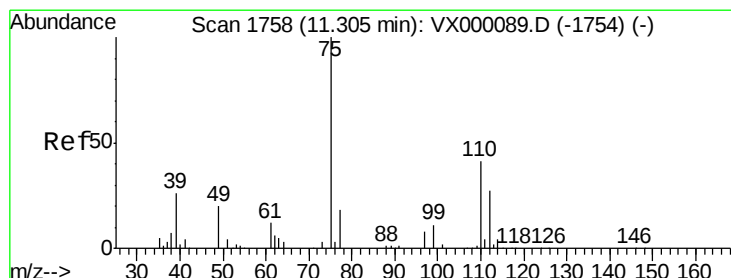
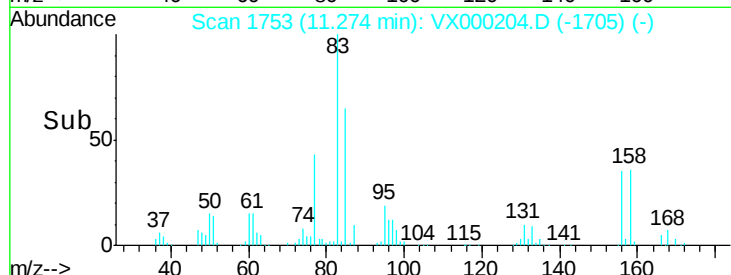
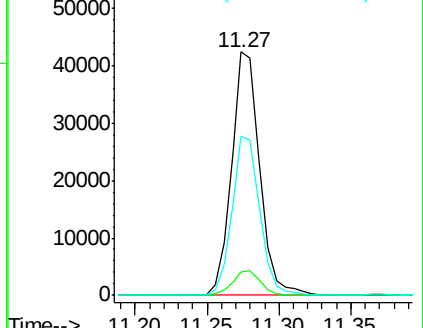
85 64.6 32.3 96.8



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: 26.88 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000204.D

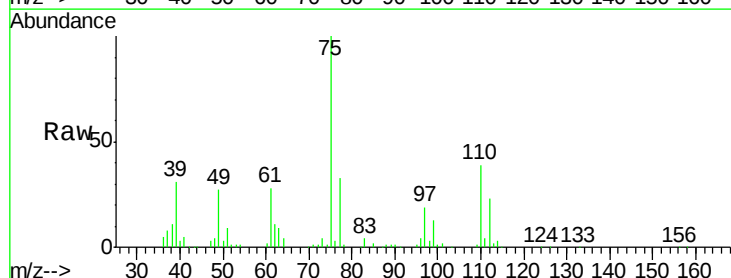
Acq: 02 Mar 2018 20:41

Tgt Ion: 75 Resp: 67494

Ion Ratio Lower Upper

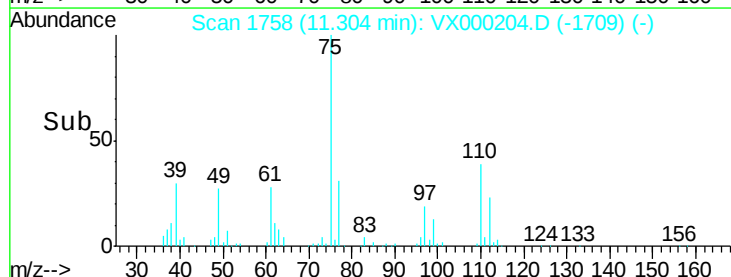
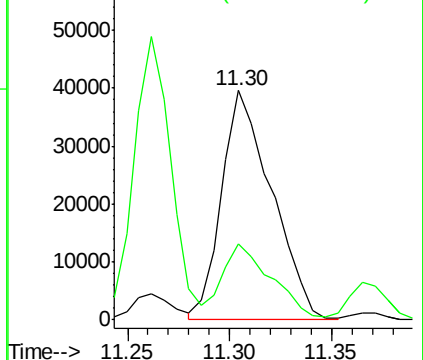
75 100

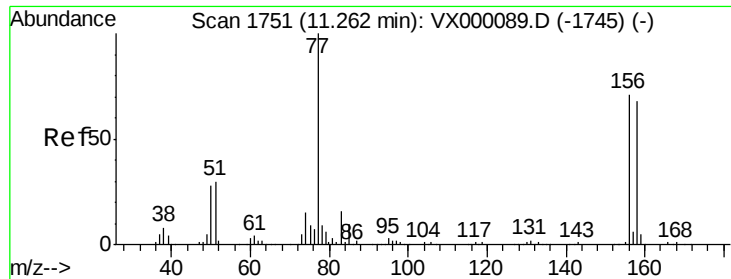
77 32.8 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.43 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

ClientSampled :

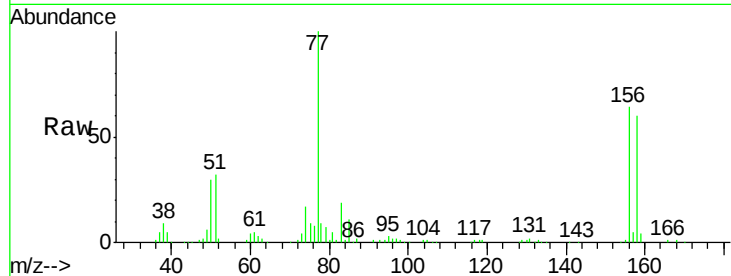
Tot Ion:156 Resp: 40449

Ion Ratio Lower Upper

156 100

77 152.6 67.0 201.0

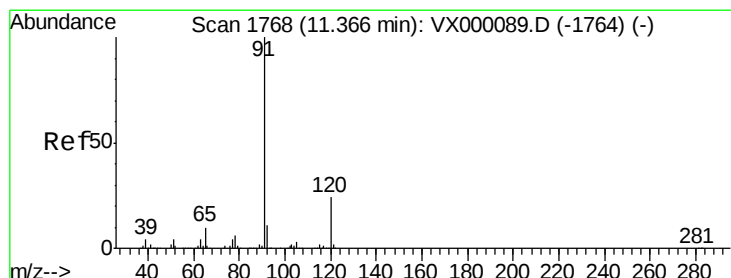
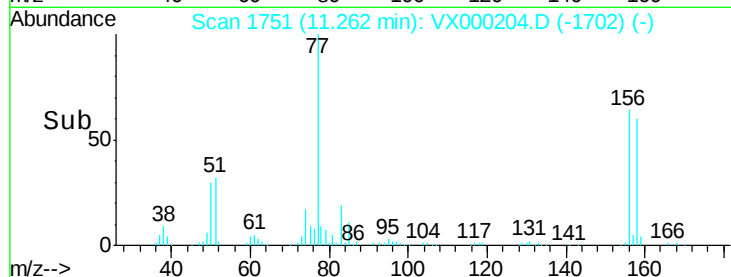
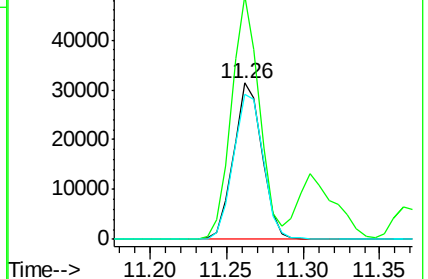
158 97.5 48.3 144.9



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: 21.32 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX000204.D

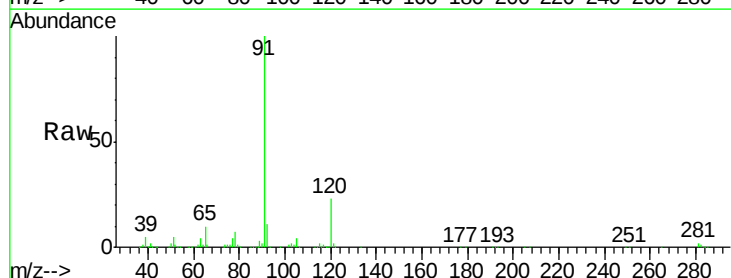
Acq: 02 Mar 2018 20:41

Tgt Ion: 91 Resp: 193125

Ion Ratio Lower Upper

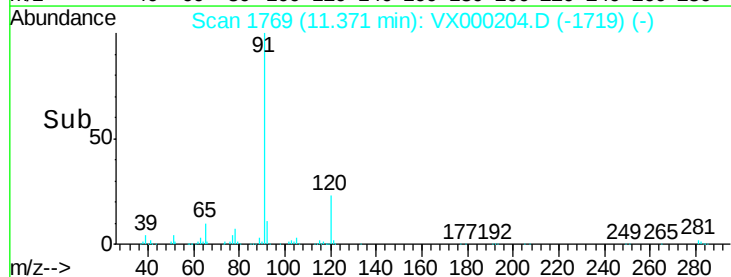
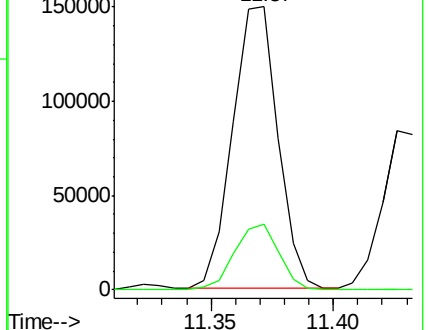
91 100

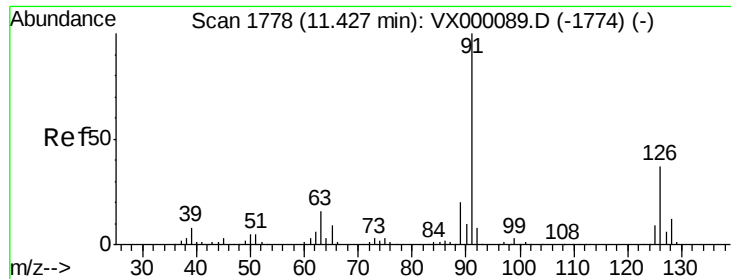
120 23.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

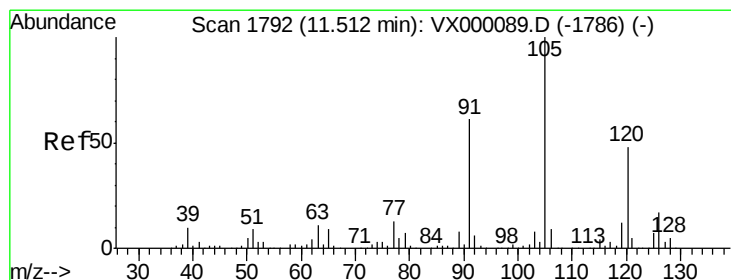
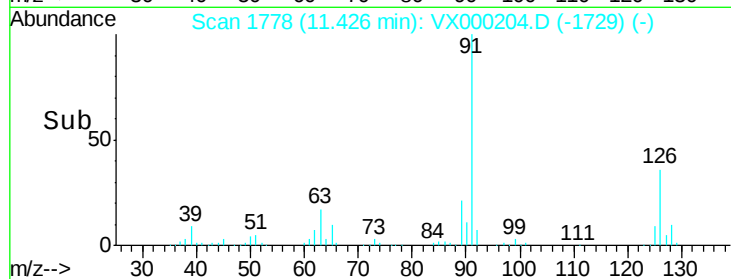
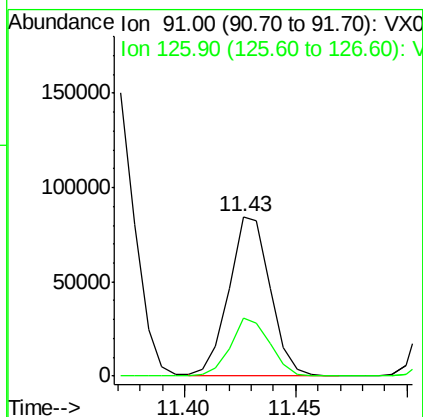
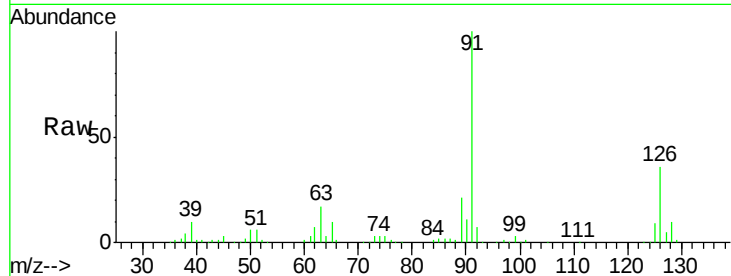




#79
 2-Chlorotoluene
 Concen: 20.97 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

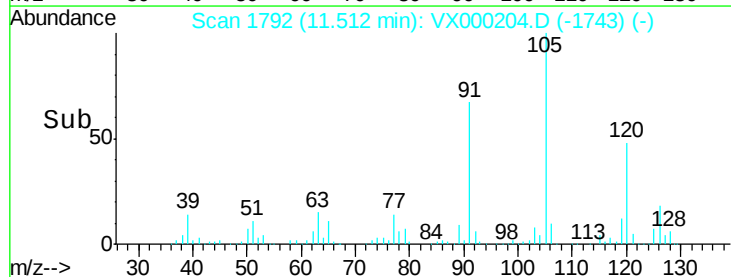
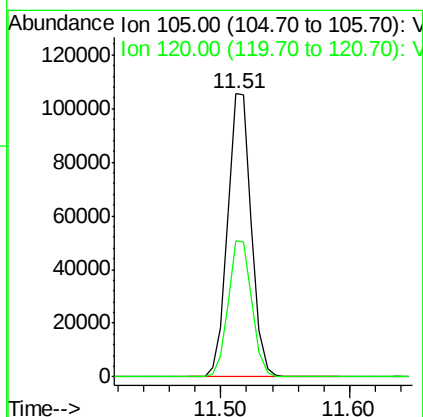
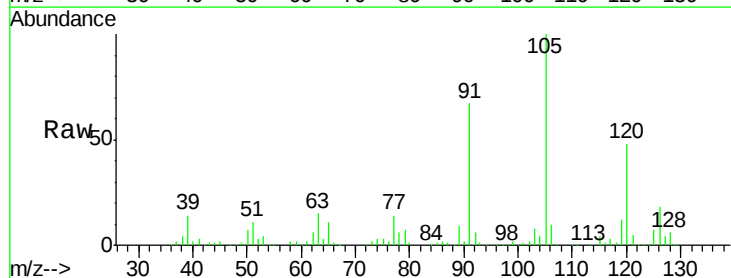
Instrument :
 MSVOA_X
 ClientSampleId :

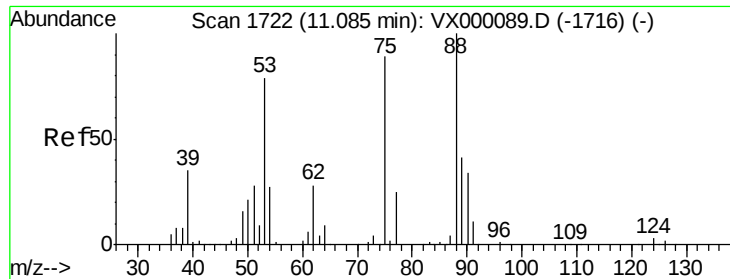
Tot Ion: 91 Resp: 108644
 Ion Ratio Lower Upper
 91 100
 126 35.1 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 20.99 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion: 105 Resp: 136324
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.76 ug/l

RT: 11.08 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

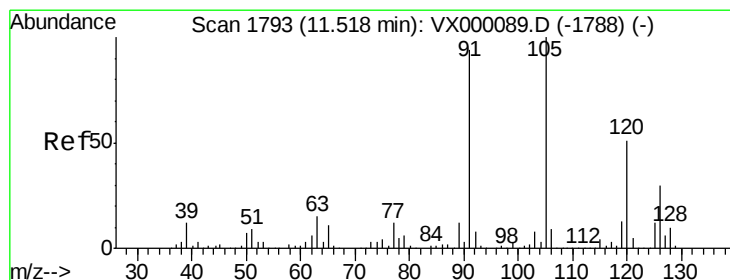
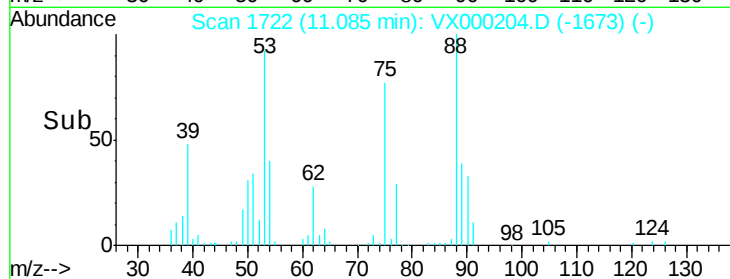
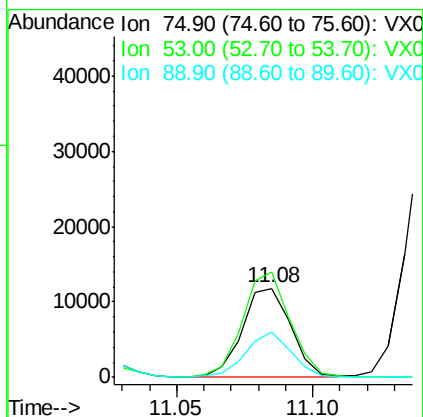
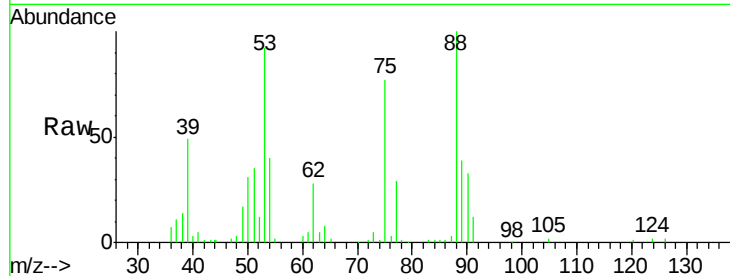
Tot Ion: 75 Resp: 14772

Ion Ratio Lower Upper

75 100

53 114.7 72.3 108.5#

89 46.9 40.6 60.8



#82

4-Chlorotoluene

Concen: 21.13 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000204.D

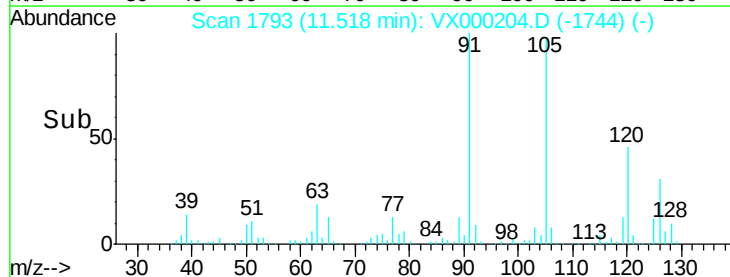
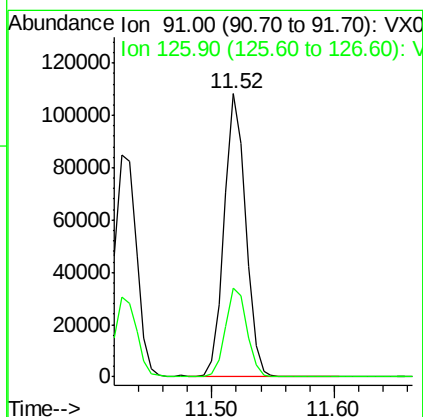
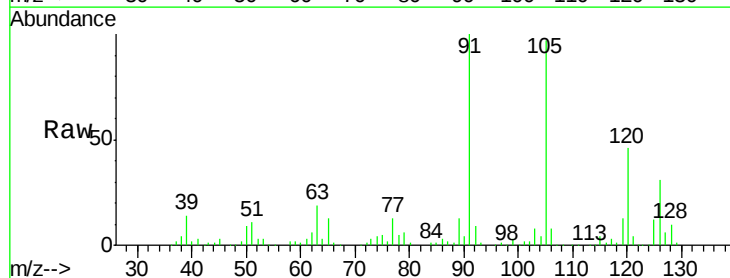
Acq: 02 Mar 2018 20:41

Tgt Ion: 91 Resp: 132469

Ion Ratio Lower Upper

91 100

126 31.1 16.7 50.0

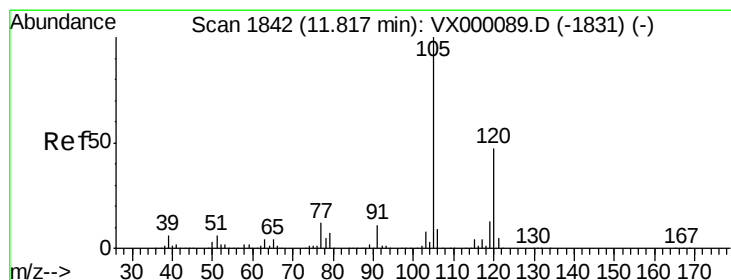
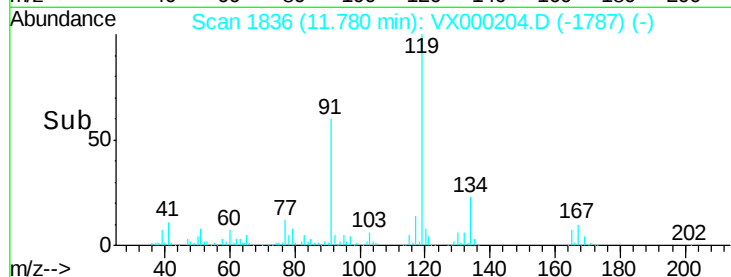
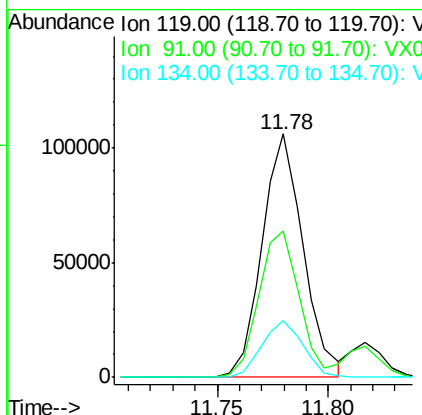
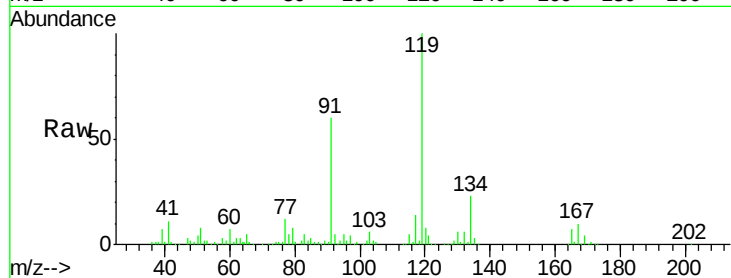




#83
 tert-Butylbenzene
 Concen: 20.77 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

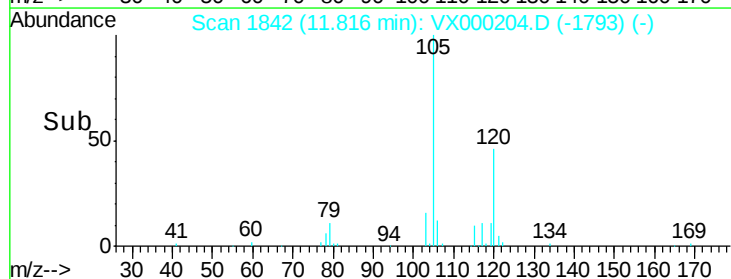
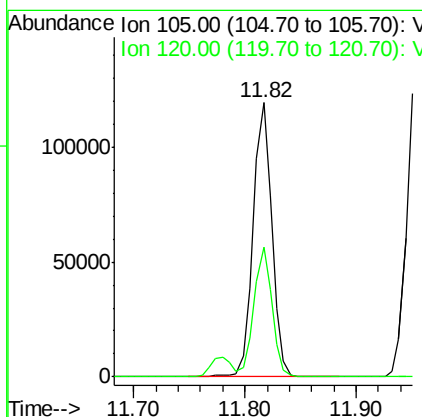
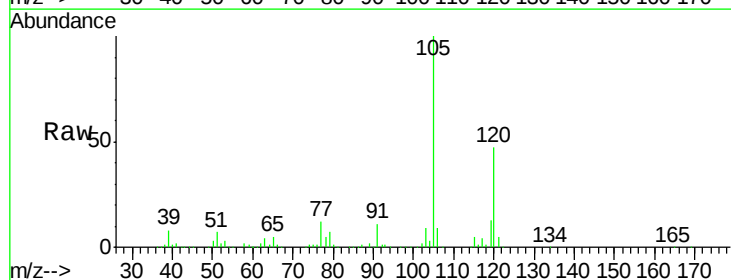
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.1	28.4	85.2
134	23.3	11.8	35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.83 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.2

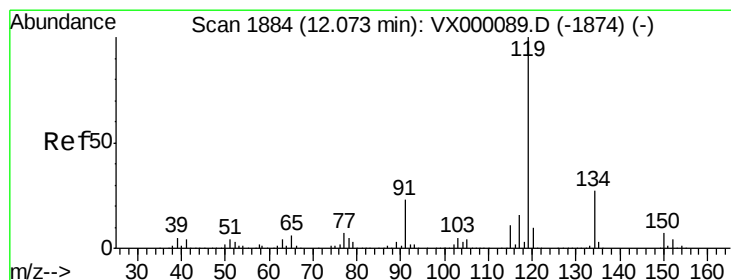
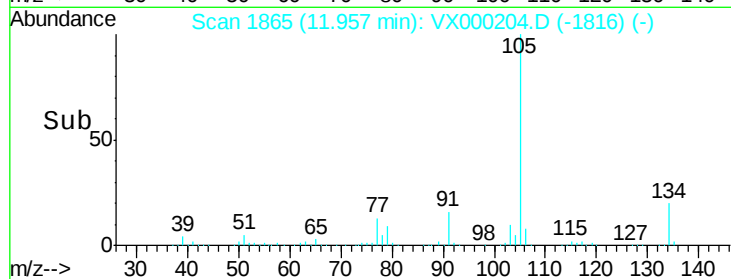
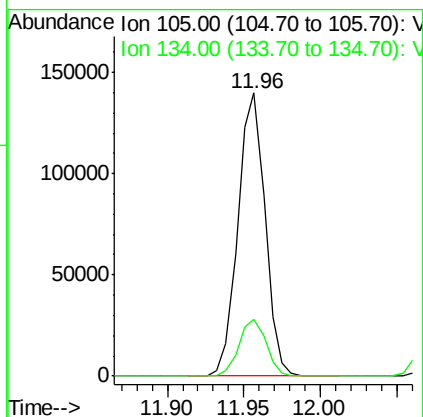
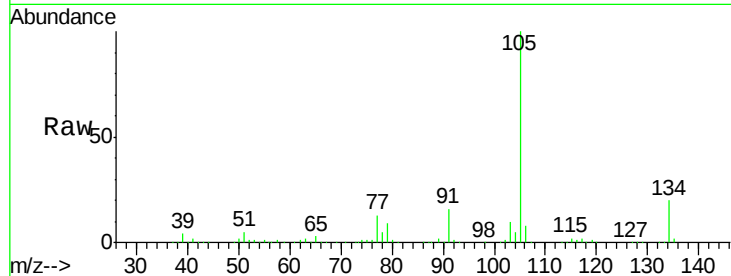




#85
 sec-Butylbenzene
 Concen: 21.09 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

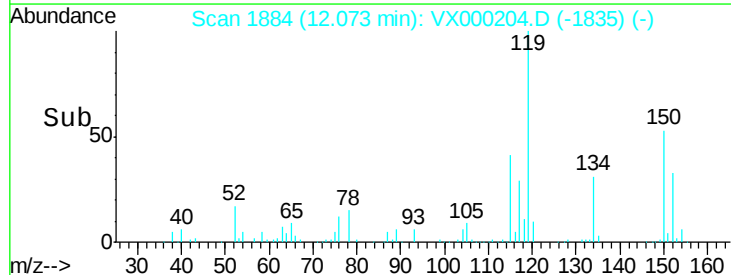
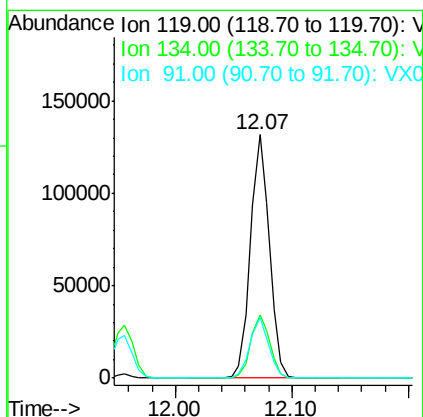
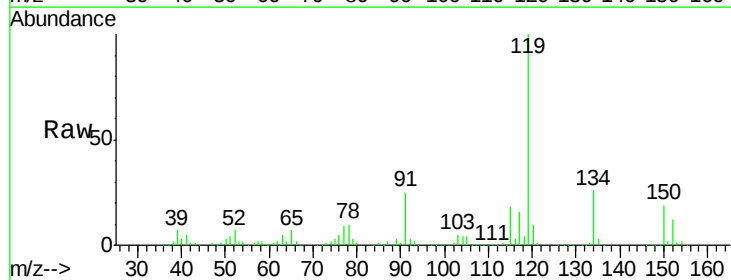
Instrument :
 MSVOA_X
 ClientSampleId :

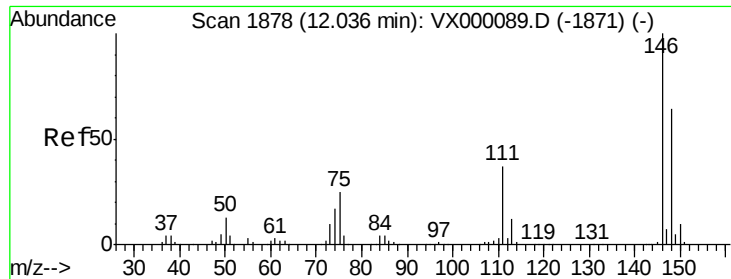
Tot Ion:105 Resp: 171783
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 20.61 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion:119 Resp: 149969
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.7 41.0
 91 24.8 11.7 35.0

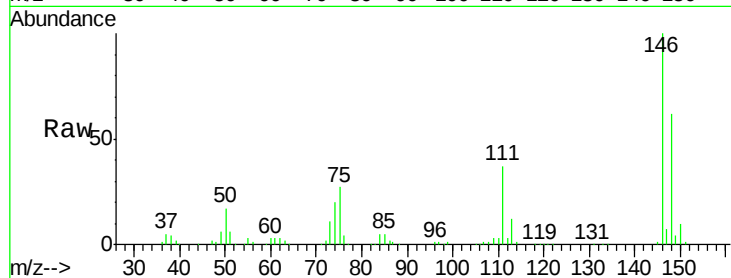




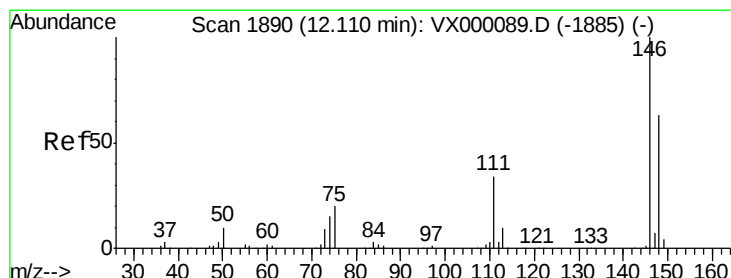
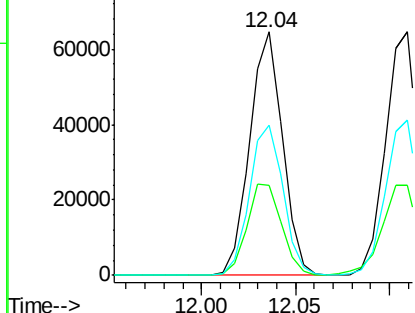
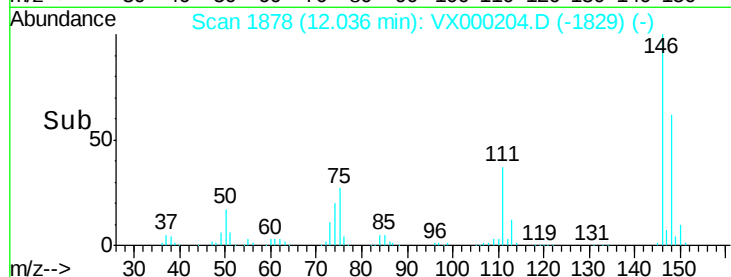
#87
 1,3-Dichlorobenzene
 Concen: 19.59 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 78239
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.1 57.3
 148 63.2 32.2 96.6

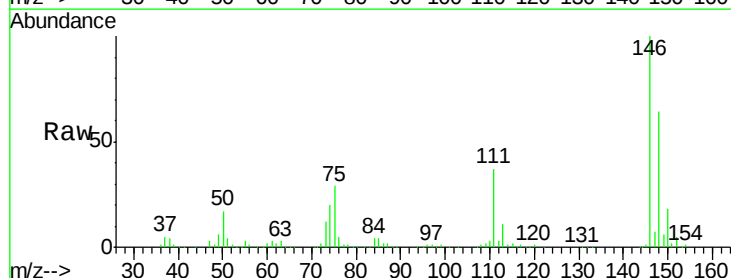


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

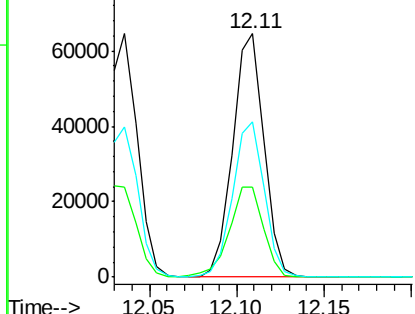
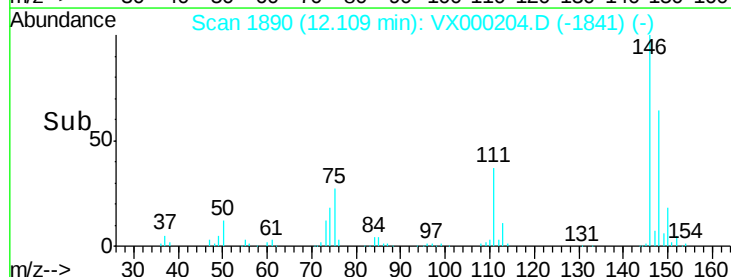


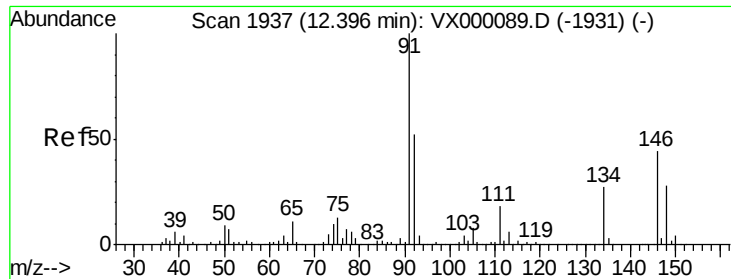
#88
 1,4-Dichlorobenzene
 Concen: 19.38 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion:146 Resp: 79974
 Ion Ratio Lower Upper
 146 100
 111 40.6 18.4 55.0
 148 64.8 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 21.00 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

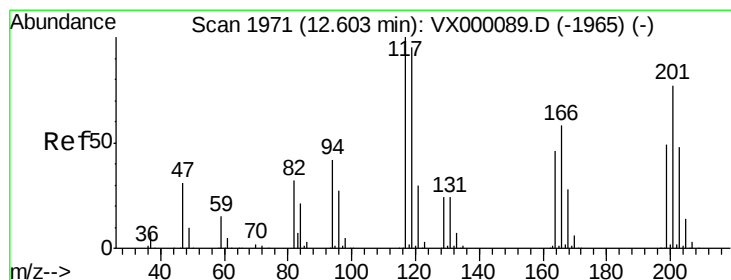
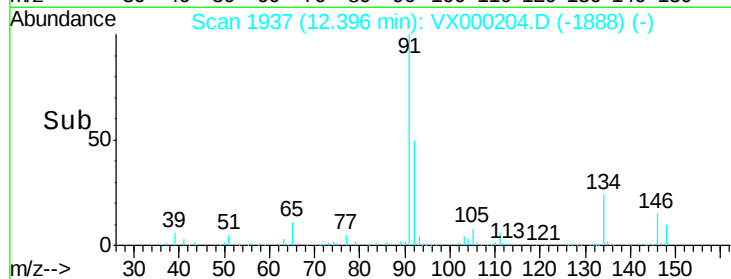
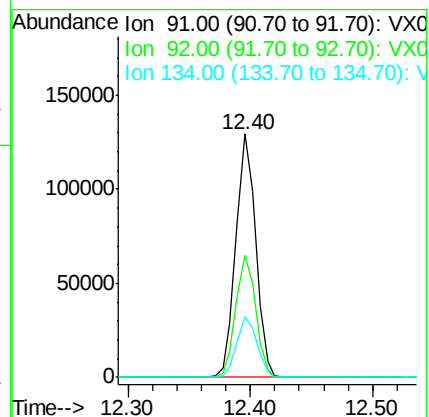
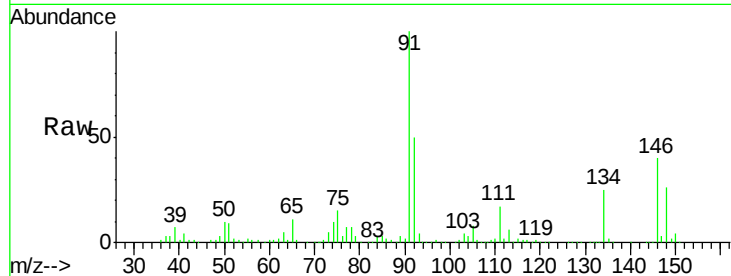
Tot Ion: 91 Resp: 144111

Ion Ratio Lower Upper

91 100

92 50.3 26.2 78.6

134 25.4 14.3 42.9



#90

Hexachloroethane

Concen: 18.99 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000204.D

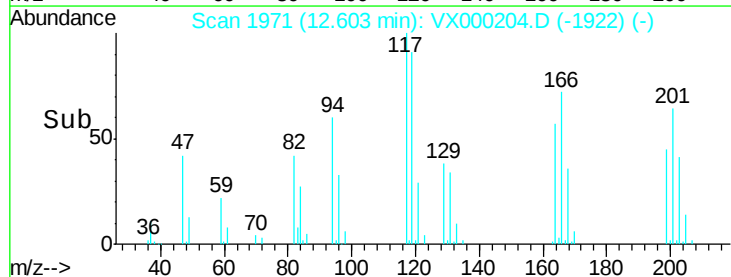
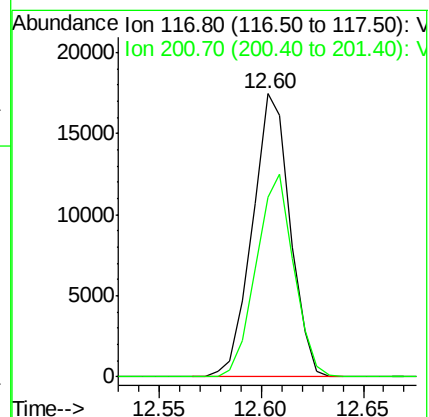
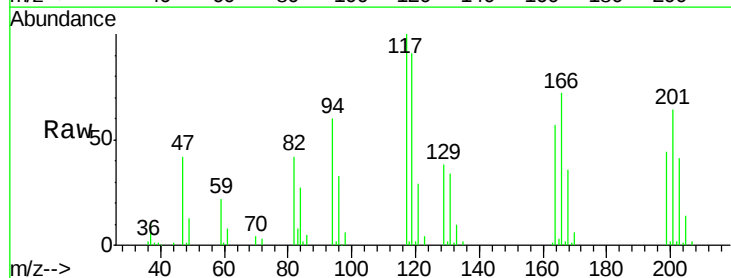
Acq: 02 Mar 2018 20:41

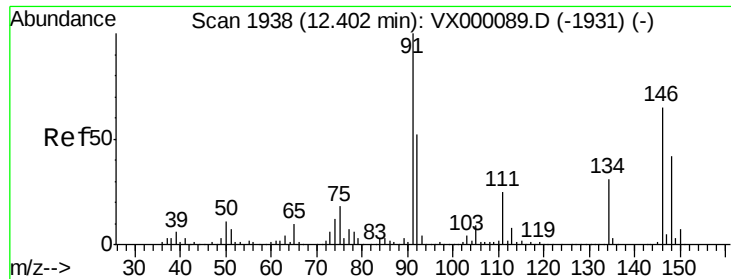
Tgt Ion: 117 Resp: 22506

Ion Ratio Lower Upper

117 100

201 71.5 41.1 123.4

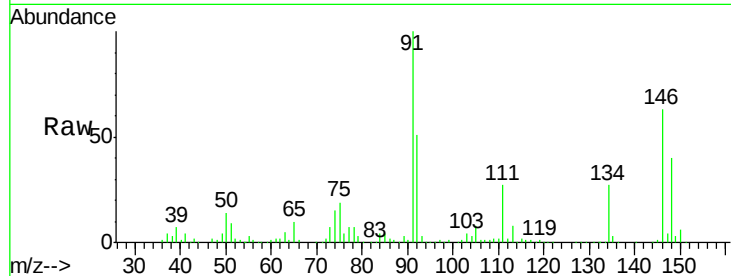




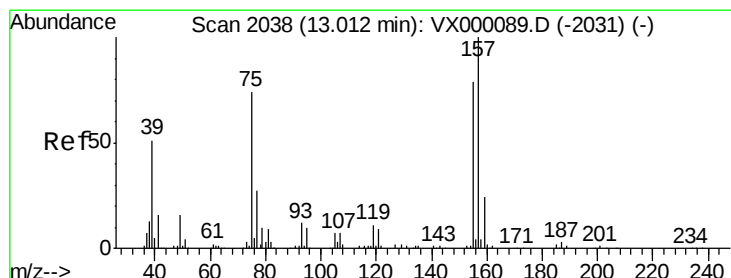
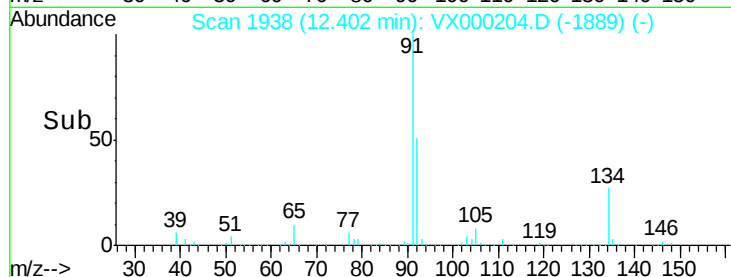
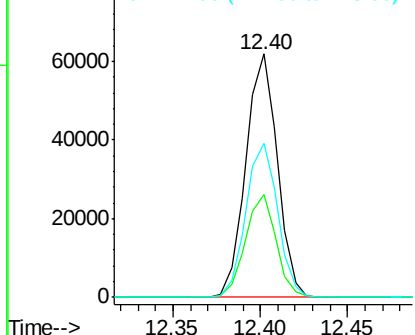
#91
1,2-Dichlorobenzene
Concen: 19.73 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:146 Resp: 77537
Ion Ratio Lower Upper
146 100
111 41.2 19.6 58.8
148 64.0 32.4 97.0

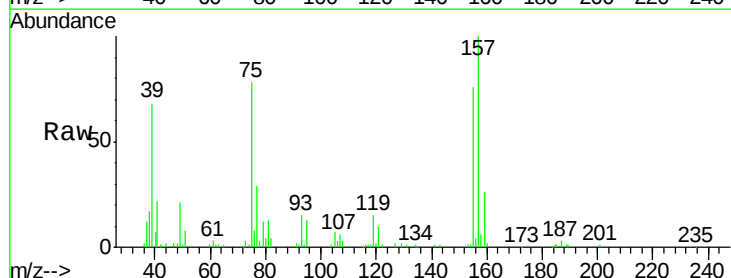


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

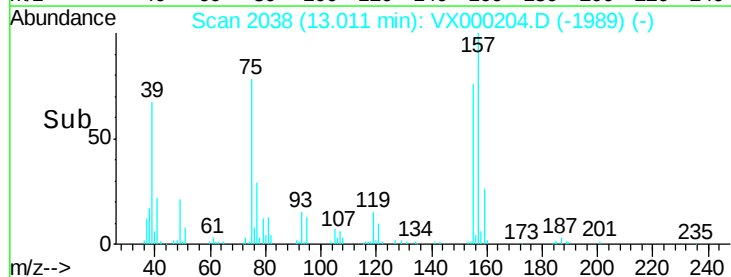
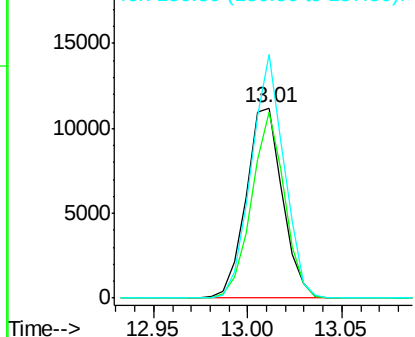


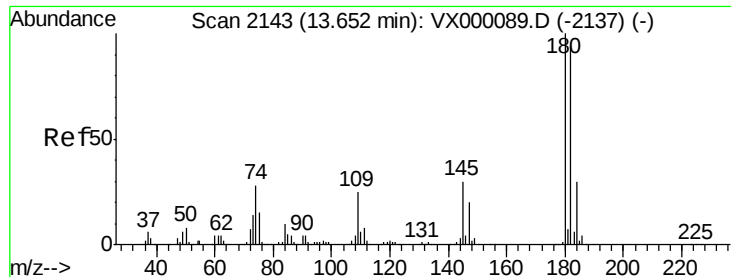
#92
1,2-Dibromo-3-Chloropropane
Concen: 20.12 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion: 75 Resp: 14938
Ion Ratio Lower Upper
75 100
155 88.2 49.3 147.9
157 115.5 63.7 191.1



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

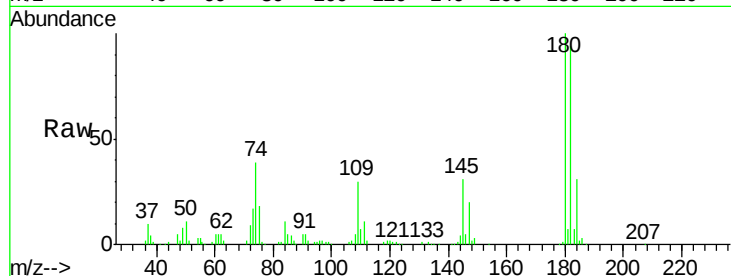




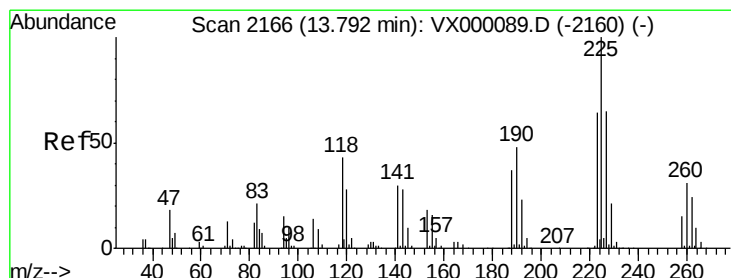
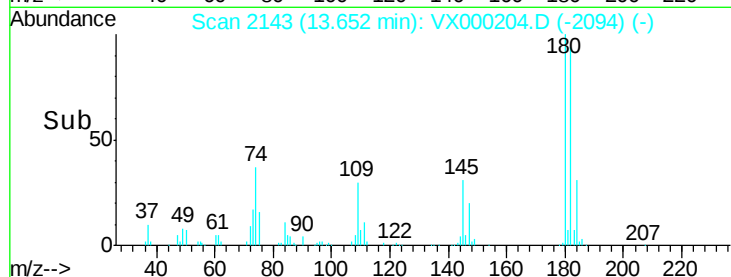
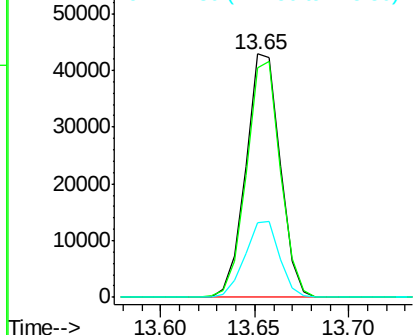
#93
 1,2,4-Trichlorobenzene
 Concen: 18.30 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.8	143.4
145	31.4	14.7	44.1

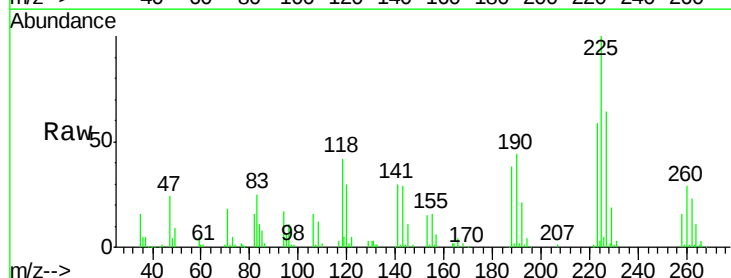


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

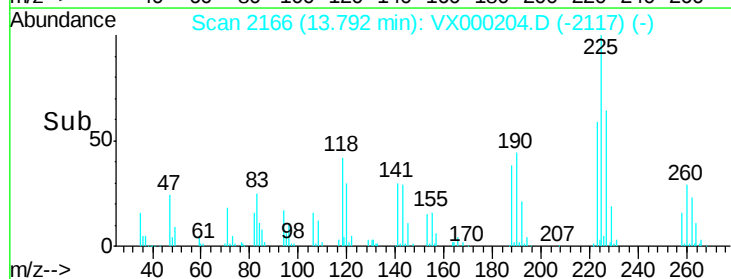
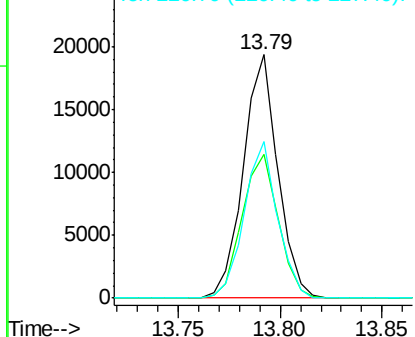


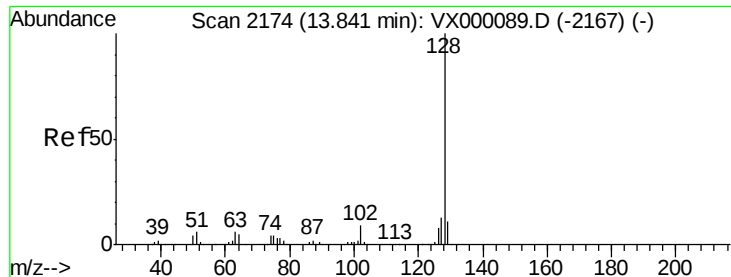
#94
 Hexachlorobutadiene
 Concen: 17.66 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.9	95.7
227	62.6	32.8	98.4



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





#95

Naphthalene

Concen: 20.09 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

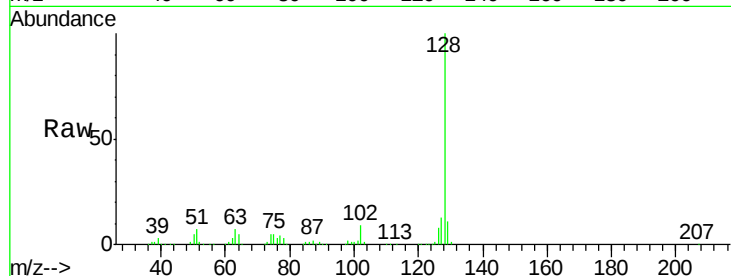
Tot Ion:128 Resp: 200905

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

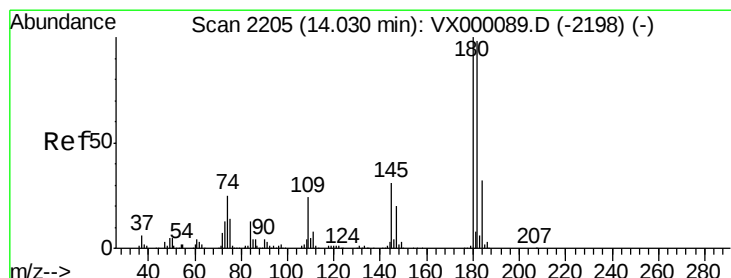
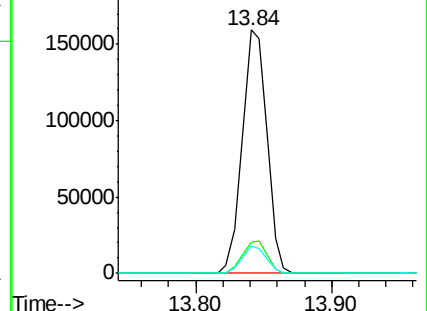
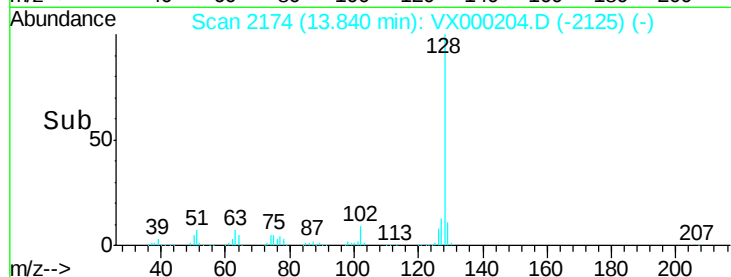
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.61 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

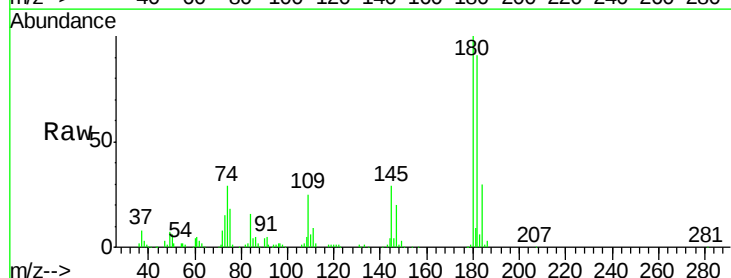
Tgt Ion:180 Resp: 54171

Ion Ratio Lower Upper

180 100

182 94.0 48.2 144.6

145 32.3 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

