

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
 Data File : VX000660.D
 Acq On : 04 Apr 2018 16:27
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 05 02:07:51 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 02:06:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	83265	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.87	114	139068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	136053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	72693	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	6216	5.49	ug/l	0.00
Spiked Amount			Recovery	=	10.98%	
35) Dibromofluoromethane	5.51	113	4543	5.15	ug/l	0.00
Spiked Amount			Recovery	=	10.30%	
50) Toluene-d8	8.72	98	17781	4.80	ug/l	0.00
Spiked Amount			Recovery	=	9.60%	
62) 4-Bromofluorobenzene	11.15	95	6468	4.41	ug/l	0.00
Spiked Amount			Recovery	=	8.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	4562	4.84	ug/l	90
3) Chloromethane	1.32	50	4484	4.70	ug/l	94
4) Vinyl Chloride	1.40	62	5520	5.24	ug/l #	87
5) Bromomethane	1.64	94	7078	5.60	ug/l	96
6) Chloroethane	1.72	64	4383	5.53	ug/l	98
7) Trichlorofluoromethane	1.93	101	10122	5.35	ug/l	91
8) Diethyl Ether	2.19	74	3285	4.82	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.39	101	5030	4.78	ug/l	93
10) Methyl Iodide	2.52	142	1474	1.74	ug/l #	91
11) Tert butyl alcohol	3.07	59	11763	29.41	ug/l	97
12) 1,1-Dichloroethene	2.37	96	4914	5.35	ug/l	94
13) Acrolein	2.30	56	7238	44.91	ug/l	93
14) Allyl chloride	2.73	41	9802	5.44	ug/l	97
15) Acrylonitrile	3.15	53	21458	26.93	ug/l	100
16) Acetone	2.45	43	25385	27.33	ug/l #	88
17) Carbon Disulfide	2.57	76	13282	5.08	ug/l	100
18) Methyl Acetate	2.78	43	11113	5.57	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	16483	4.80	ug/l	96
20) Methylene Chloride	2.86	84	5936	5.56	ug/l #	89
21) trans-1,2-Dichloroethene	3.17	96	5574	5.45	ug/l	96
22) Diisopropyl ether	3.88	45	16247	5.73	ug/l #	94
23) Vinyl Acetate	3.83	43	79395	30.18	ug/l	100
24) 1,1-Dichloroethane	3.71	63	10254	5.66	ug/l	97
25) 2-Butanone	4.73	43	23942	23.32	ug/l	99
26) 2,2-Dichloropropane	4.59	77	5267	4.36	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	4279	4.62	ug/l	94
28) Bromochloromethane	5.03	49	4353	5.98	ug/l #	92
29) Tetrahydrofuran	5.18	42	15450	24.37	ug/l	96
30) Chloroform	5.21	83	7104	4.31	ug/l	96
31) Cyclohexane	5.59	56	6489	4.81	ug/l	92
32) 1,1,1-Trichloroethane	5.50	97	5854	3.96	ug/l #	77
36) 1,1-Dichloropropene	5.80	75	5931	4.61	ug/l	94
37) Ethyl Acetate	4.87	43	8841	4.98	ug/l	98
38) Carbon Tetrachloride	5.79	117	5115	3.84	ug/l	94

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
 Data File : VX000660.D
 Acq On : 04 Apr 2018 16:27
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 05 02:07:51 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 02:06:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	6865	4.45	ug/l #	83
40) Benzene	6.15	78	16225	4.36	ug/l #	90
41) Methacrylonitrile	5.06	41	4601	4.85	ug/l #	89
42) 1,2-Dichloroethane	6.20	62	6630	4.48	ug/l	99
43) Isopropyl Acetate	6.48	43	11408	4.29	ug/l #	91
44) Trichloroethene	7.22	130	4323	4.06	ug/l	98
45) 1,2-Dichloropropane	7.53	63	4570	4.77	ug/l	92
46) Dibromomethane	7.67	93	3153	4.20	ug/l	96
47) Bromodichloromethane	7.91	83	5629	4.25	ug/l	91
48) Methyl methacrylate	7.79	41	6040	4.68	ug/l	92
49) 1,4-Dioxane	7.77	88	2186	79.84	ug/l #	73
51) 4-Methyl-2-Pentanone	8.66	43	44203	21.19	ug/l	100
52) Toluene	8.79	92	10629	4.06	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	5961	3.89	ug/l	94
54) cis-1,3-Dichloropropene	9.05	75	5469	3.67	ug/l	90
55) 1,1,2-Trichloroethane	9.22	97	4479	4.15	ug/l #	85
56) Ethyl methacrylate	9.19	69	6092	3.71	ug/l	95
57) 1,3-Dichloropropane	9.38	76	6994	4.03	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.32	63	11965	15.61	ug/l	94
59) 2-Hexanone	9.51	43	35962	20.21	ug/l	98
60) Dibromochloromethane	9.59	129	3912	3.57	ug/l	98
61) 1,2-Dibromoethane	9.68	107	4271	3.70	ug/l	99
64) Tetrachloroethene	9.34	164	4298	4.19	ug/l	87
65) Chlorobenzene	10.15	112	12450	4.20	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	4018	4.04	ug/l	94
67) Ethyl Benzene	10.26	91	20247	4.00	ug/l	97
68) m/p-Xylenes	10.37	106	15861	7.99	ug/l	90
69) o-Xylene	10.70	106	7586	3.96	ug/l	89
70) Styrene	10.72	104	11495	3.61	ug/l	97
71) Bromoform	10.87	173	2784	3.14	ug/l #	100
73) Isopropylbenzene	11.02	105	19041	4.07	ug/l	94
74) N-amyl acetate	6.48	43	11408	4.84	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.27	83	7218	4.32	ug/l	94
76) 1,2,3-Trichloropropane	11.30	75	8420	5.48	ug/l	83
77) Bromobenzene	11.26	156	4584	3.69	ug/l	88
78) n-propylbenzene	11.37	91	24102	4.28	ug/l	99
79) 2-Chlorotoluene	11.43	91	13708	4.22	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	16511	4.17	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	1671	3.57	ug/l #	70
82) 4-Chlorotoluene	11.52	91	16967	4.33	ug/l	96
83) tert-Butylbenzene	11.78	119	15551	3.92	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	17031	4.10	ug/l	99
85) sec-Butylbenzene	11.96	105	20280	4.11	ug/l	98
86) p-Isopropyltoluene	12.07	119	17482	3.98	ug/l	96
87) 1,3-Dichlorobenzene	12.04	146	9293	3.94	ug/l	94
88) 1,4-Dichlorobenzene	12.10	146	10276	4.13	ug/l	89
89) n-Butylbenzene	12.40	91	18710	4.52	ug/l	95
90) Hexachloroethane	12.60	117	2780	4.06	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	9942	4.29	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.01	75	2062	4.38	ug/l	93

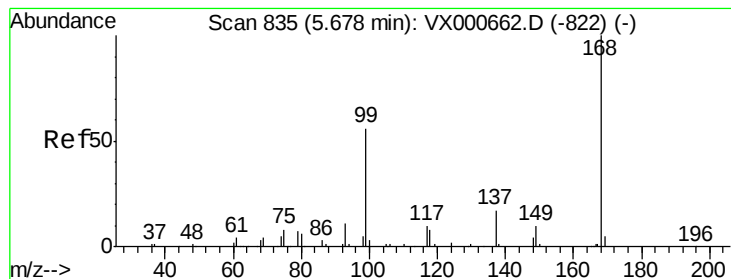
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
Data File : VX000660.D
Acq On : 04 Apr 2018 16:27
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Apr 05 02:07:51 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 05 02:06:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	6681	4.03	ug/l	96
94) Hexachlorobutadiene	13.79	225	2776	4.11	ug/l	97
95) Naphthalene	13.84	128	23303	4.03	ug/l	98
96) 1,2,3-Trichlorobenzene	14.03	180	7022	4.30	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

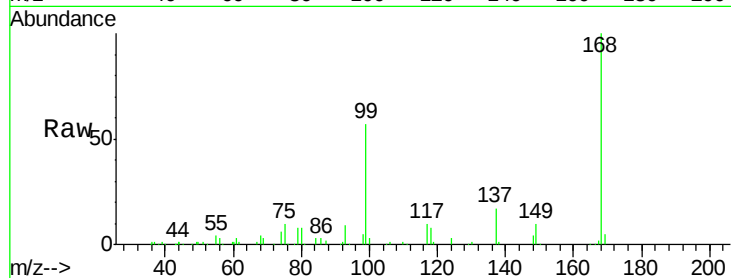
VSTDIC005

Tot Ion:168 Resp: 83265

Ion Ratio Lower Upper

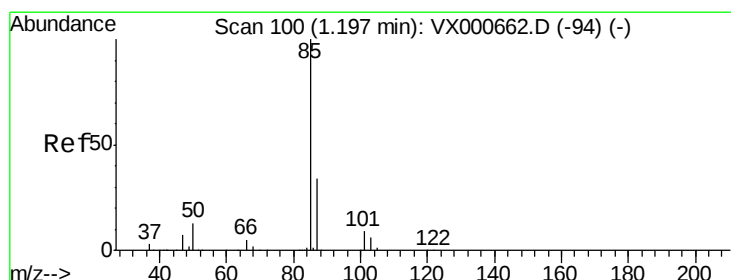
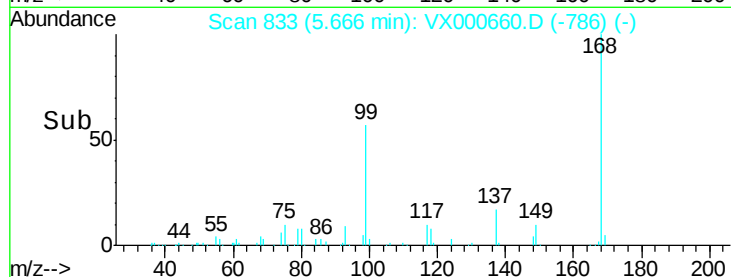
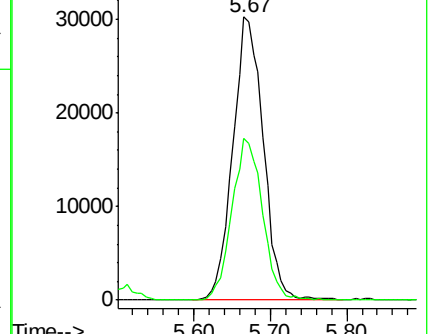
168 100

99 57.4 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 4.84 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000660.D

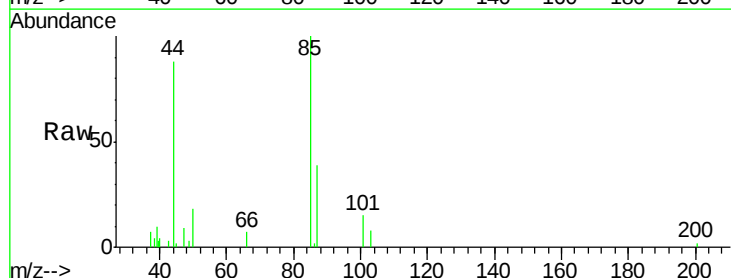
Acq: 04 Apr 2018 16:27

Tgt Ion: 85 Resp: 4562

Ion Ratio Lower Upper

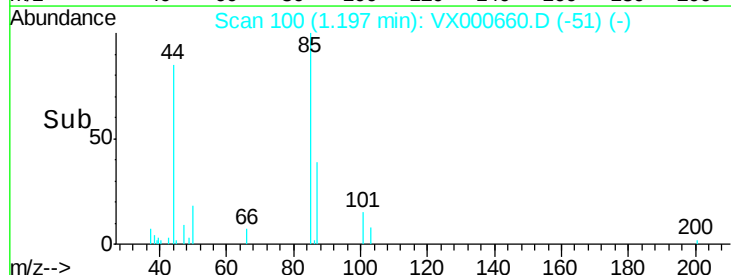
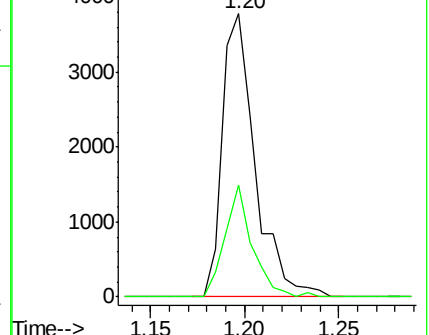
85 100

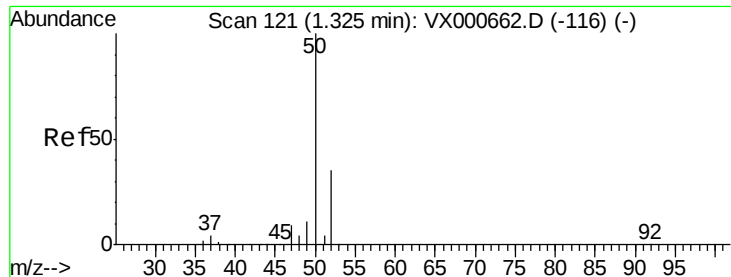
87 39.3 16.9 50.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 4.70 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

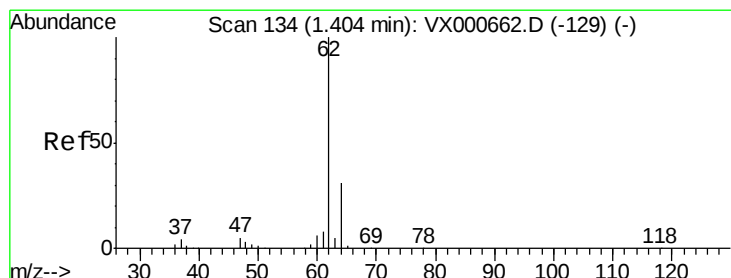
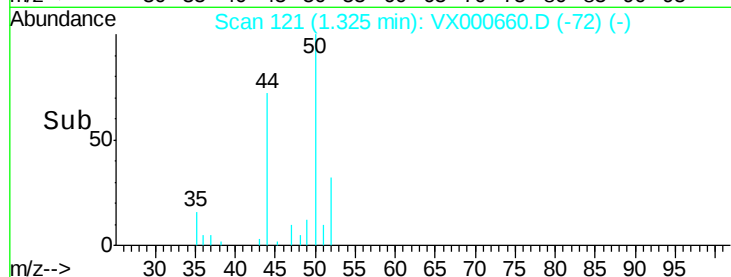
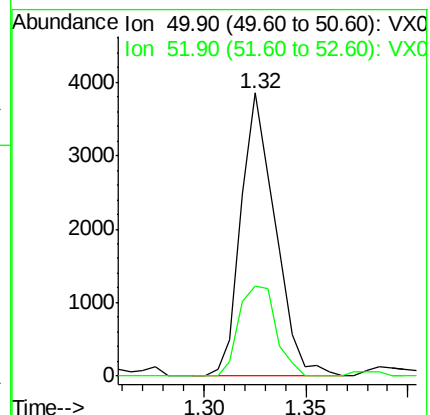
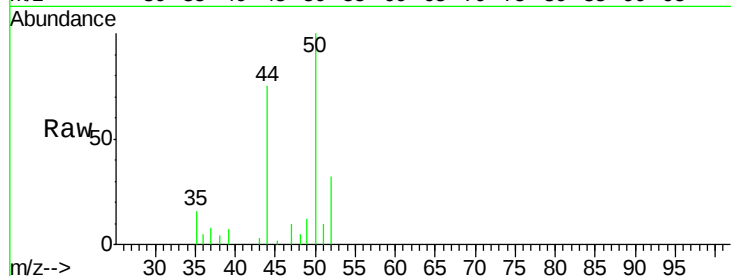
VSTDIC005

Tot Ion: 50 Resp: 4484

Ion Ratio Lower Upper

50 100

52 31.8 28.0 42.0



#4

Vinyl Chloride

Concen: 5.24 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000660.D

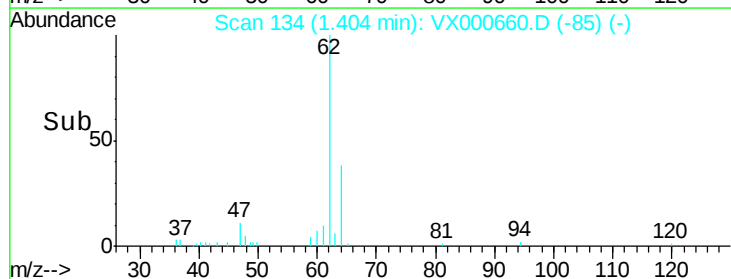
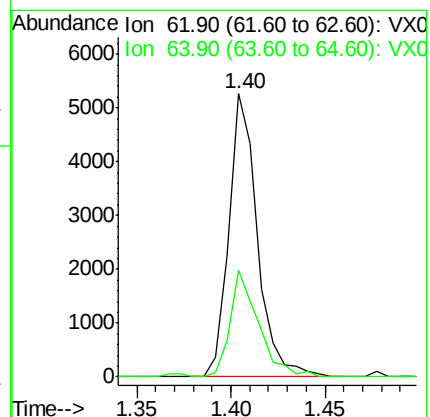
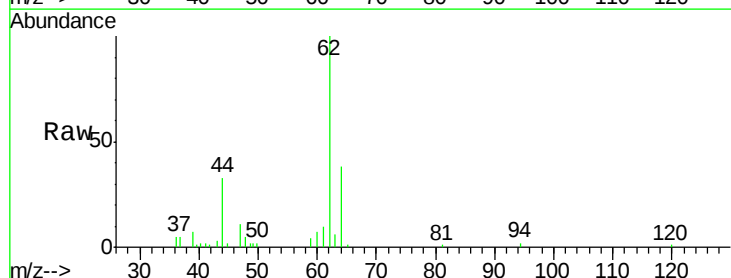
Acq: 04 Apr 2018 16:27

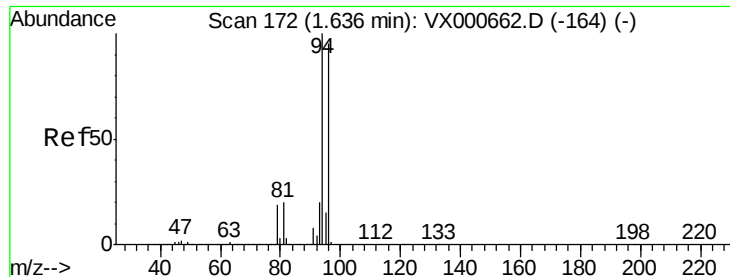
Tgt Ion: 62 Resp: 5520

Ion Ratio Lower Upper

62 100

64 37.8 24.6 37.0#





#5

Bromomethane

Concen: 5.60 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

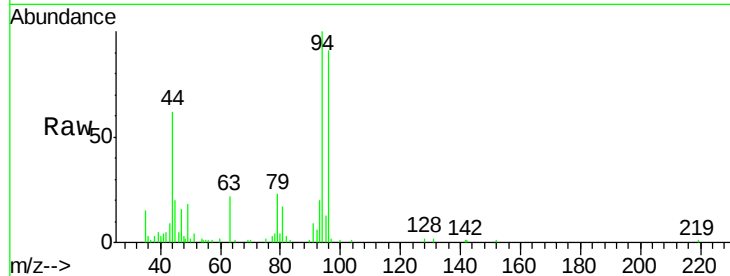
VSTDIC005

Tot Ion: 94 Resp: 7078

Ion Ratio Lower Upper

94 100

96 91.2 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

6000

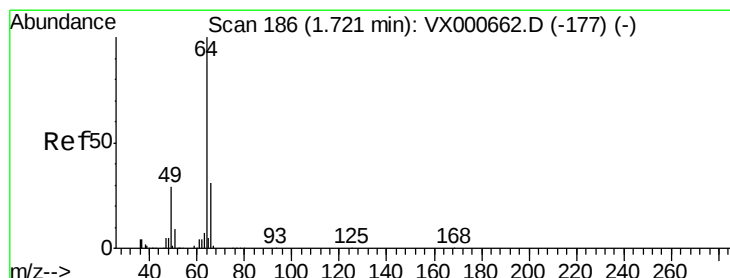
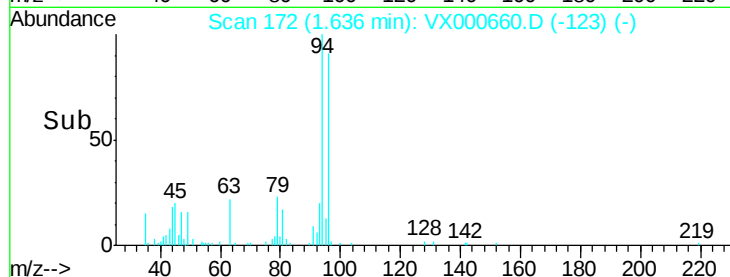
4000

2000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 5.53 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX000660.D

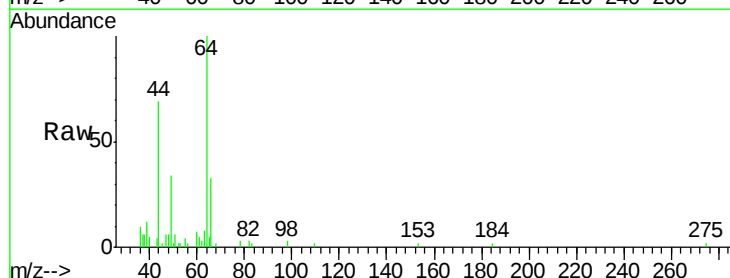
Acq: 04 Apr 2018 16:27

Tgt Ion: 64 Resp: 4383

Ion Ratio Lower Upper

64 100

66 32.6 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

3000

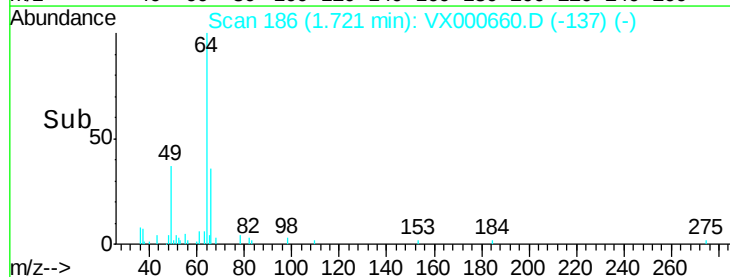
2000

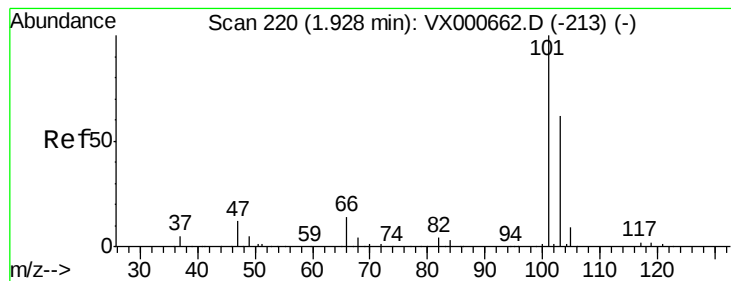
1000

0

Time-->

1.65 1.70 1.75 1.80



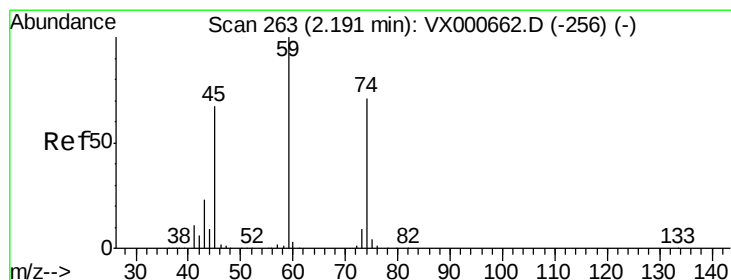
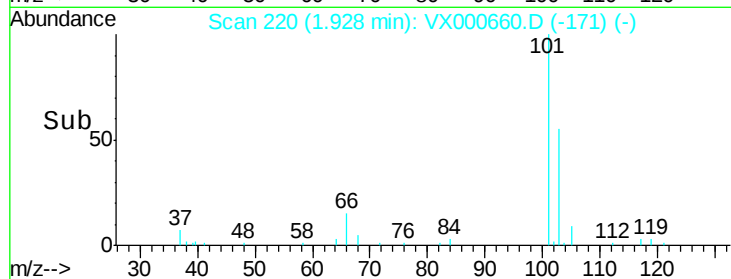
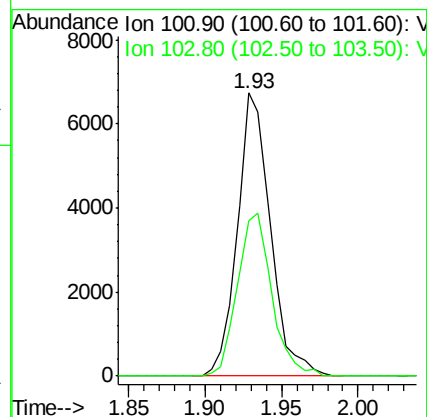
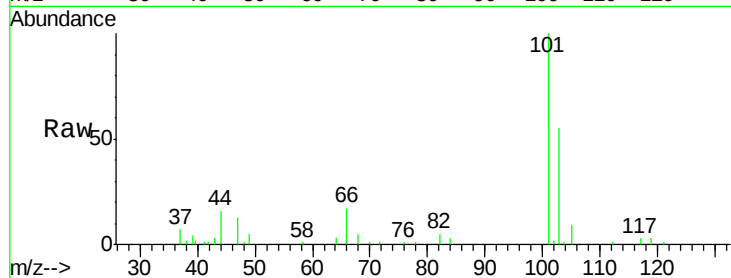


#7

Trichlorofluoromethane
Concen: 5.35 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

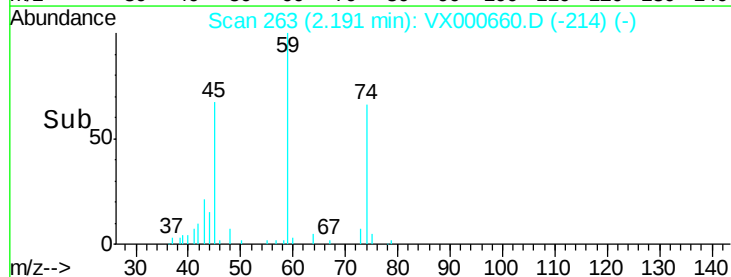
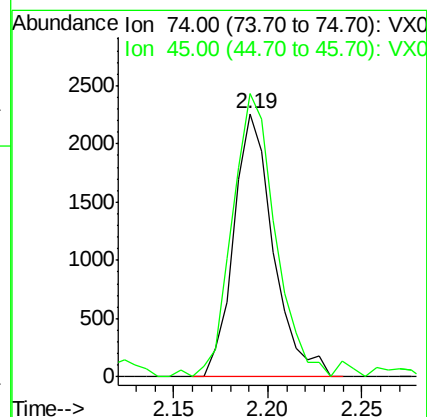
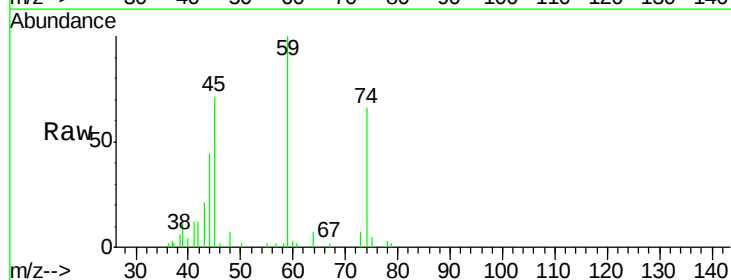
Tot Ion:101 Resp: 10122
Ion Ratio Lower Upper
101 100
103 55.0 49.4 74.0

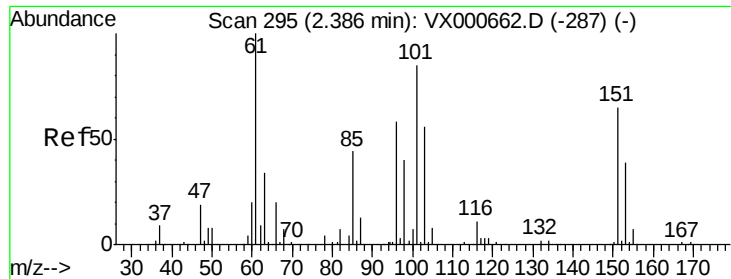


#8

Diethyl Ether
Concen: 4.82 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

Tgt Ion: 74 Resp: 3285
Ion Ratio Lower Upper
74 100
45 117.1 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.78 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

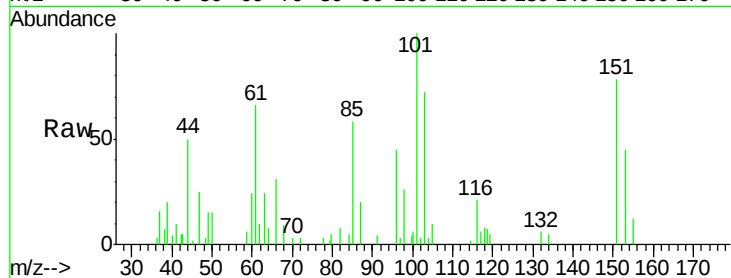
Tot Ion:101 Resp: 5030

Ion Ratio Lower Upper

101 100

85 57.1 40.0 60.0

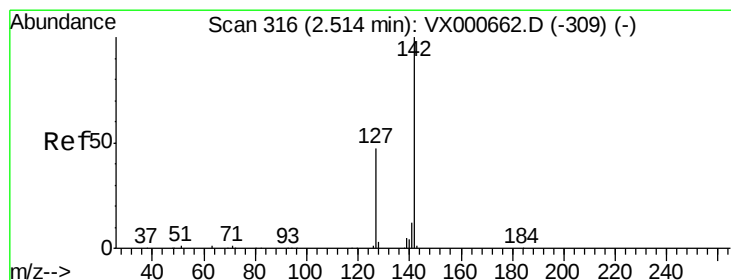
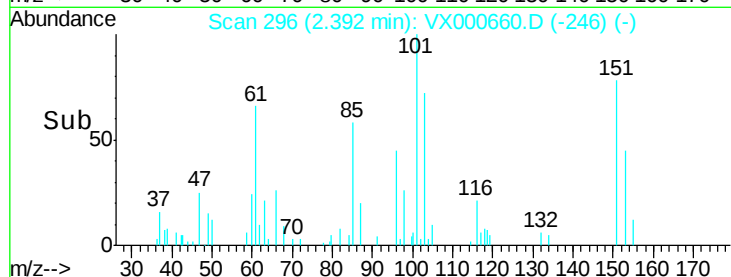
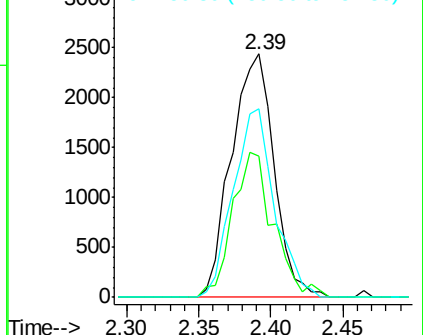
151 75.2 57.4 86.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 1.74 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

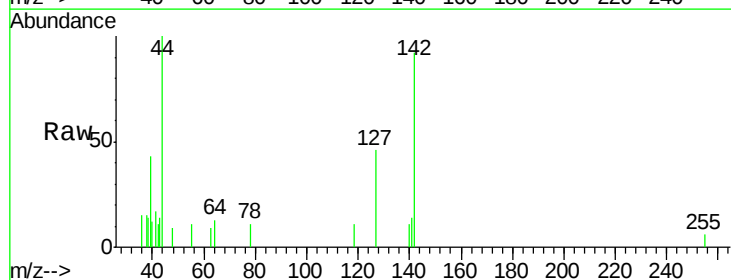
Tgt Ion:142 Resp: 1474

Ion Ratio Lower Upper

142 100

127 56.4 40.7 61.1

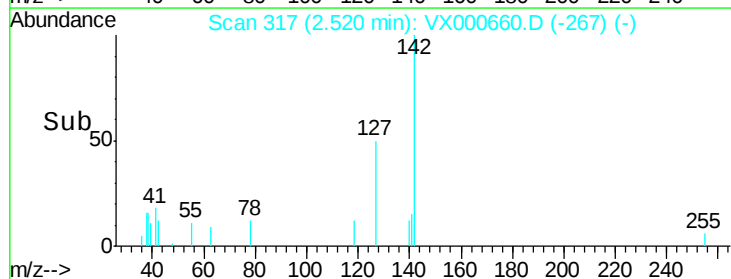
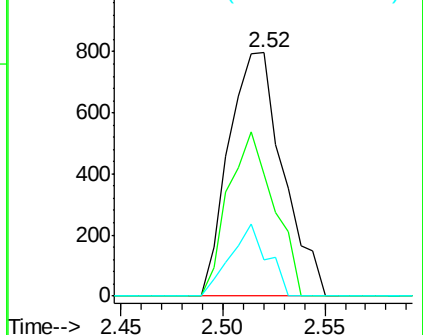
141 20.0 11.1 16.7#

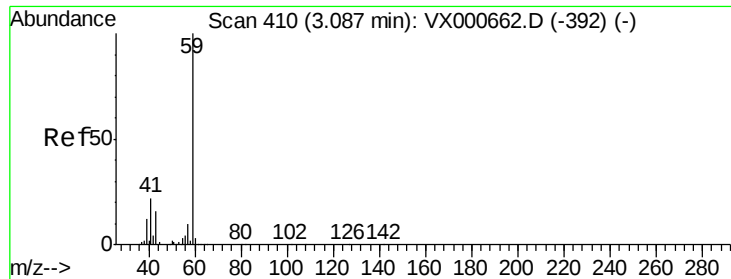


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



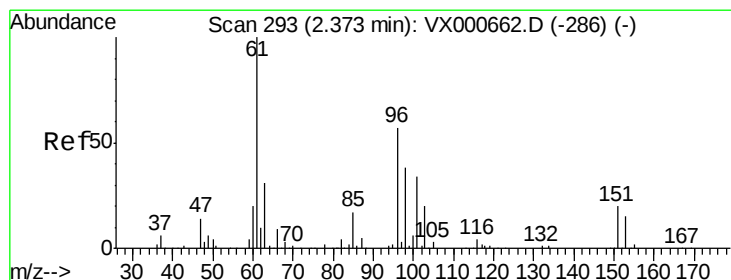
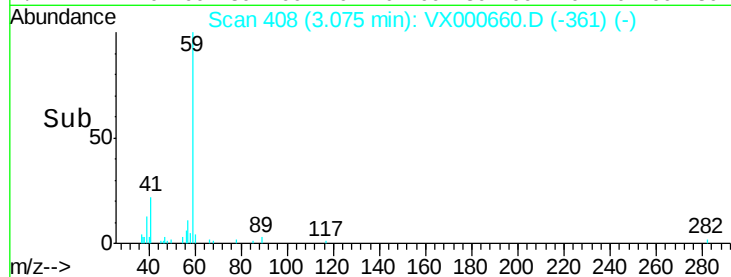
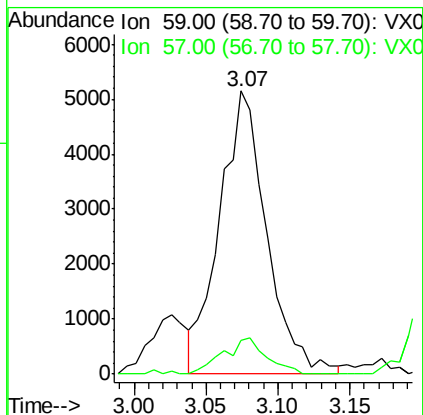
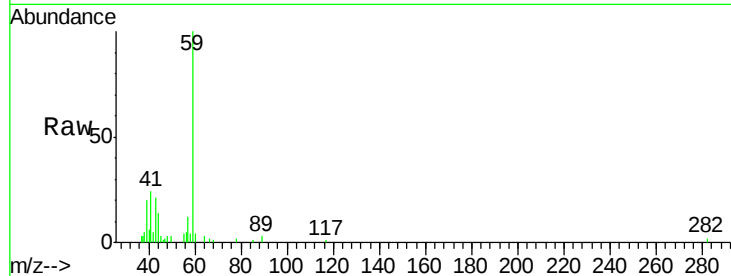


#11

Tert butyl alcohol
 Concen: 29.41 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX000660.D
 Acq: 04 Apr 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

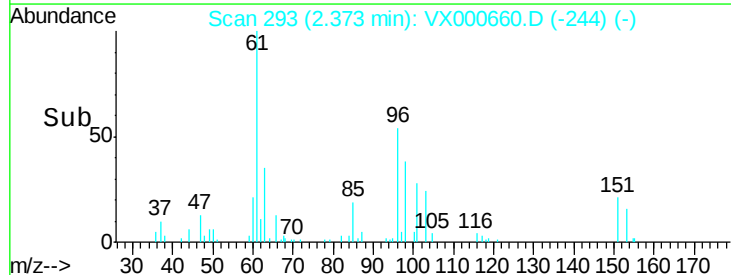
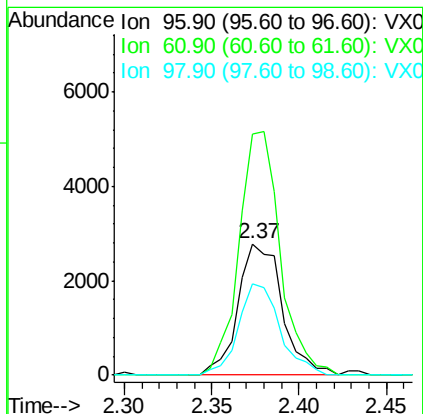
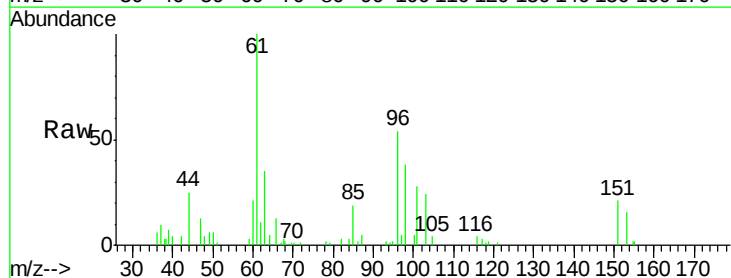
Tot Ion: 59 Resp: 11763
 Ion Ratio Lower Upper
 59 100
 57 11.8 8.5 12.7

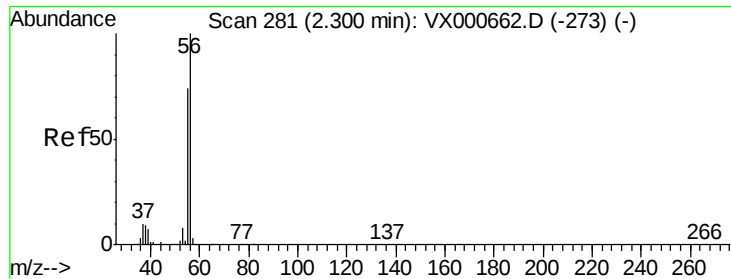


#12

1,1-Dichloroethene
 Concen: 5.35 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX000660.D
 Acq: 04 Apr 2018 16:27

Tgt Ion: 96 Resp: 4914
 Ion Ratio Lower Upper
 96 100
 61 183.6 140.2 210.2
 98 69.5 52.6 79.0





#13

Acrolein

Concen: 44.91 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

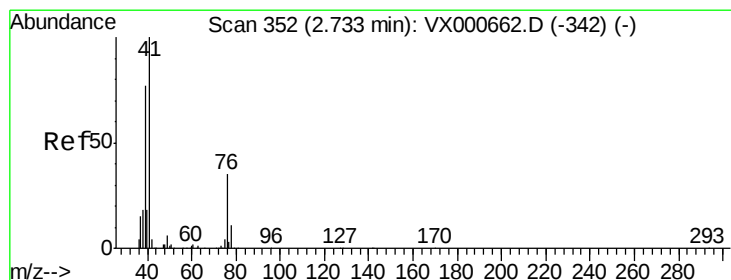
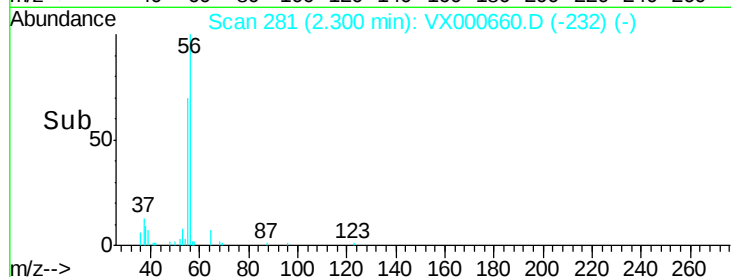
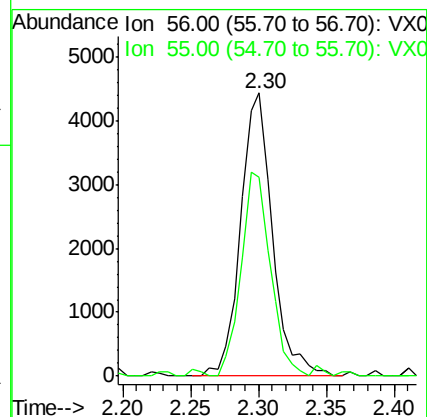
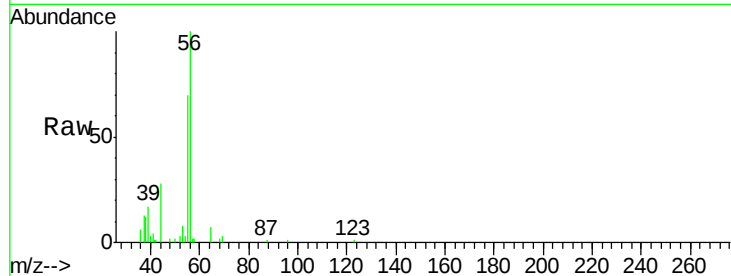
VSTDIC005

Tot Ion: 56 Resp: 7238

Ion Ratio Lower Upper

56 100

55 66.3 58.1 87.1



#14

Allyl chloride

Concen: 5.44 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

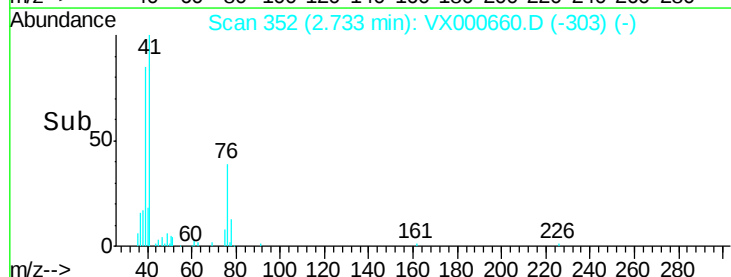
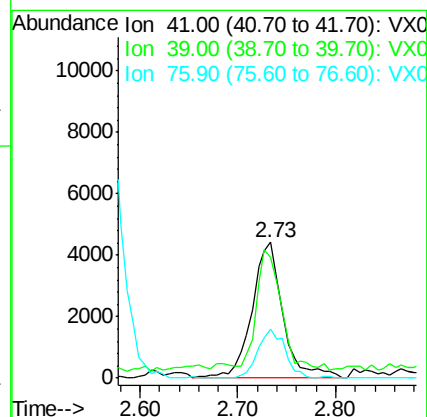
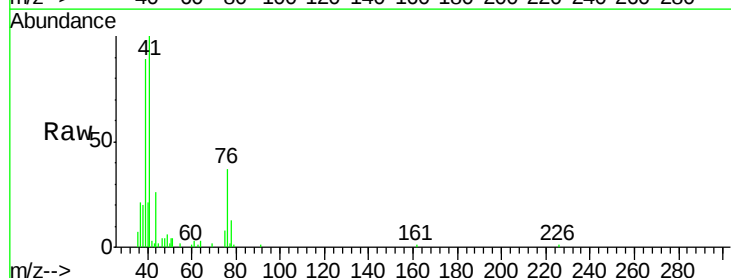
Tgt Ion: 41 Resp: 9802

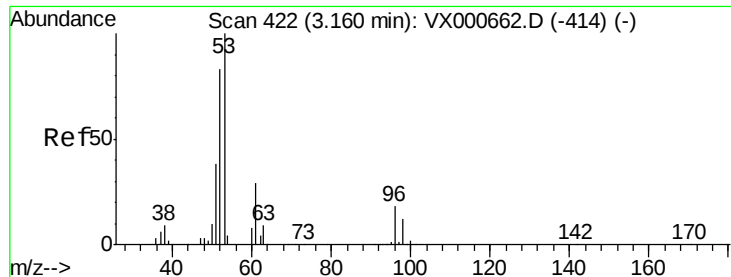
Ion Ratio Lower Upper

41 100

39 69.0 57.0 85.6

76 31.3 23.9 35.9





#15

Acrylonitrile

Concen: 26.93 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

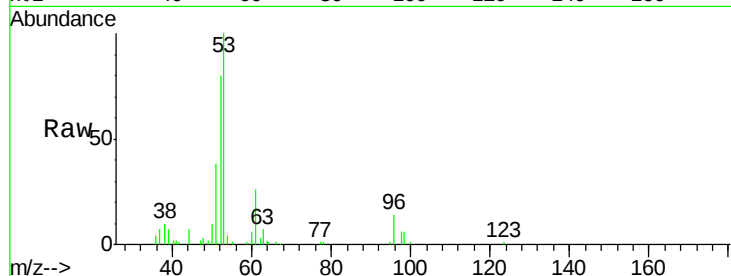
Tot Ion: 53 Resp: 21458

Ion Ratio Lower Upper

53 100

52 83.1 66.5 99.7

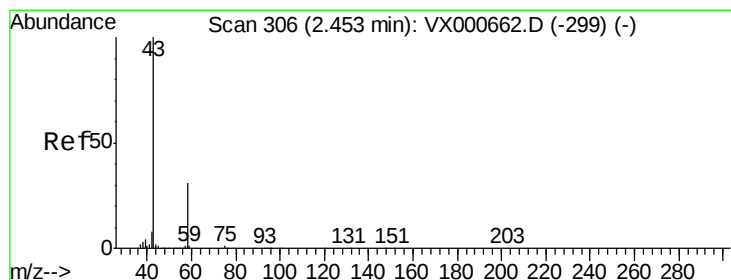
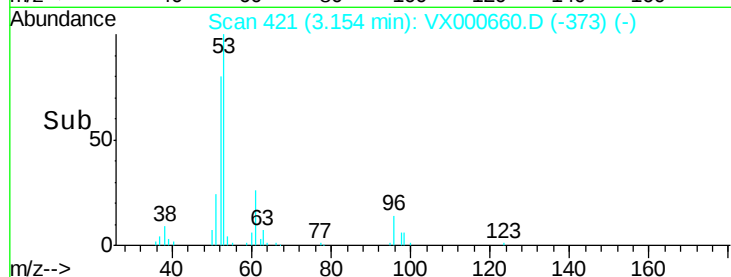
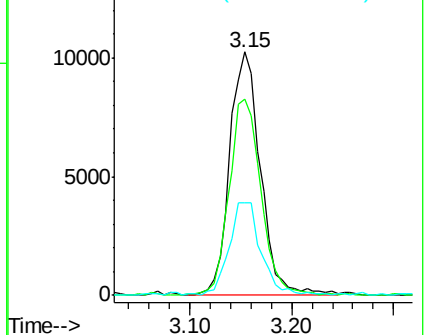
51 38.0 30.6 46.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 27.33 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000660.D

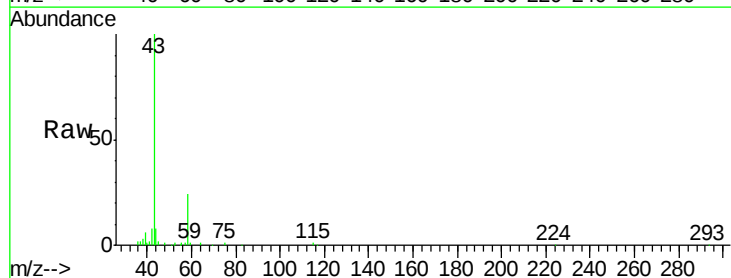
Acq: 04 Apr 2018 16:27

Tgt Ion: 43 Resp: 25385

Ion Ratio Lower Upper

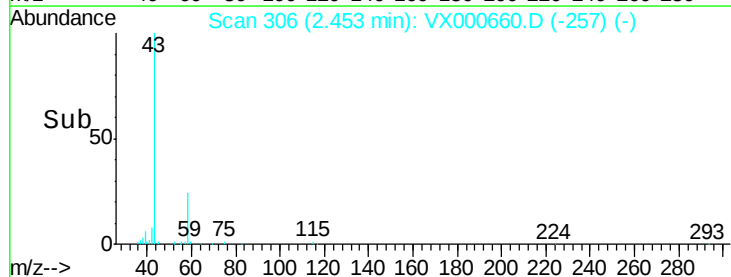
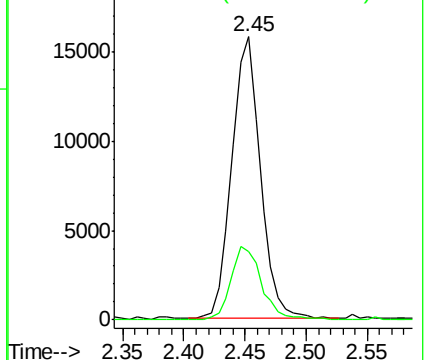
43 100

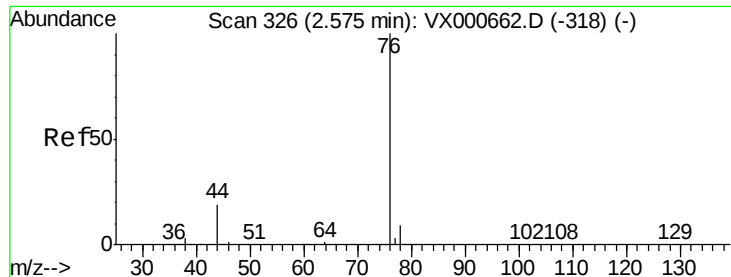
58 24.5 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

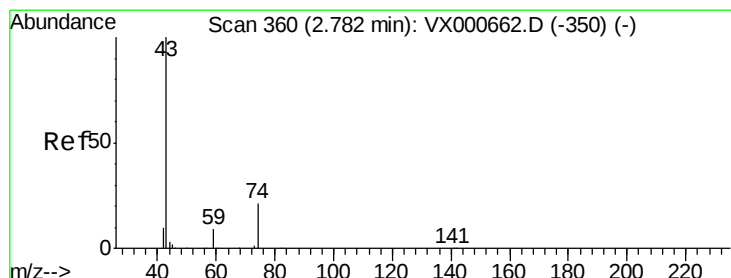
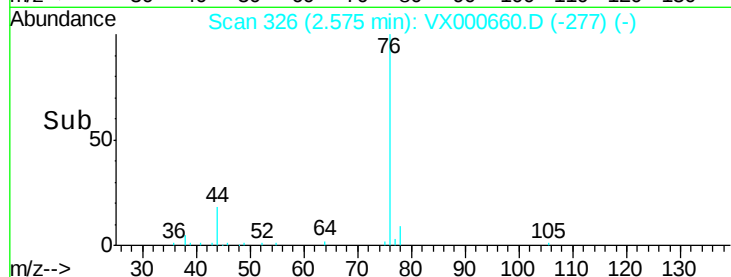
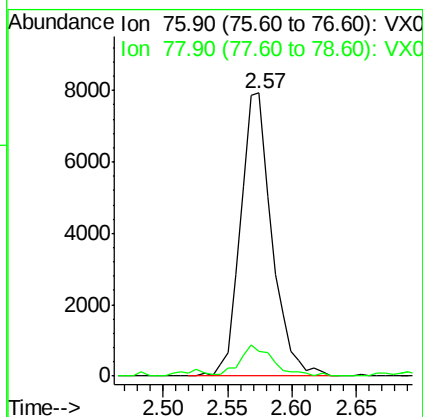
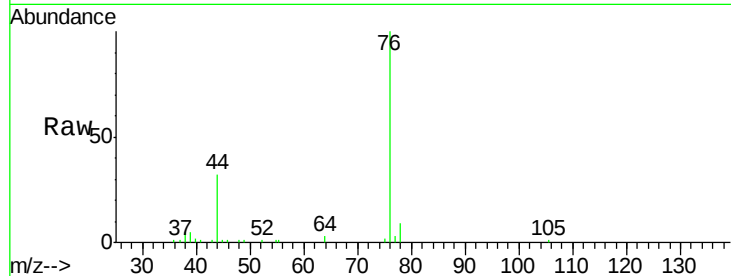




#17
Carbon Disulfide
Concen: 5.08 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

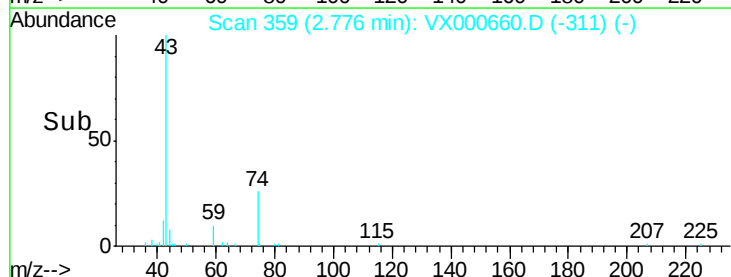
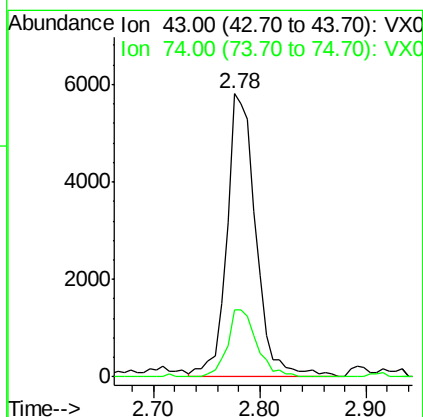
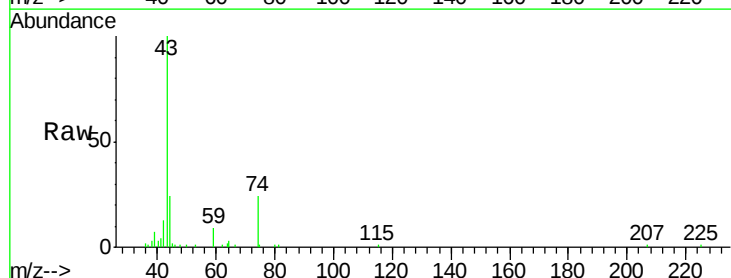
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

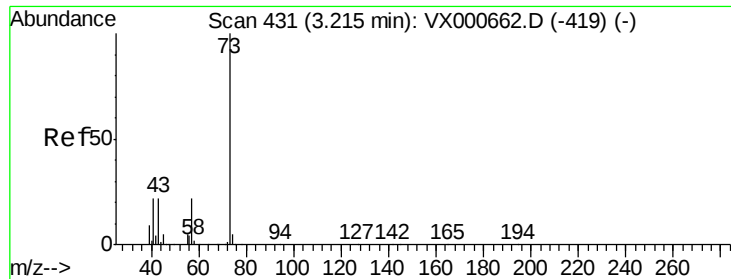
Tot Ion: 76 Resp: 13282
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 5.57 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

Tgt Ion: 43 Resp: 11113
Ion Ratio Lower Upper
43 100
74 24.0 17.0 25.4

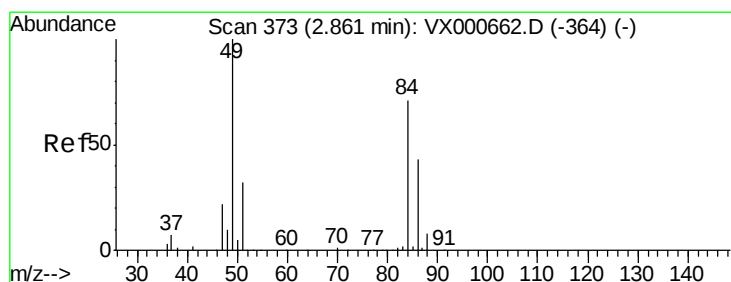
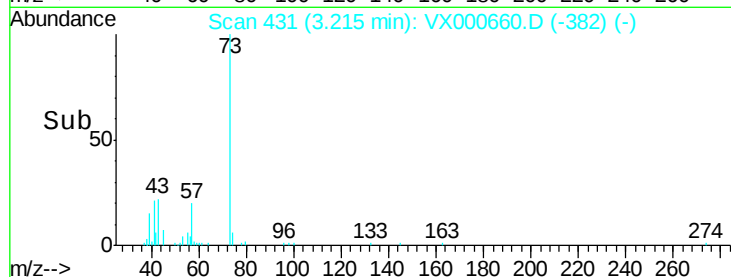
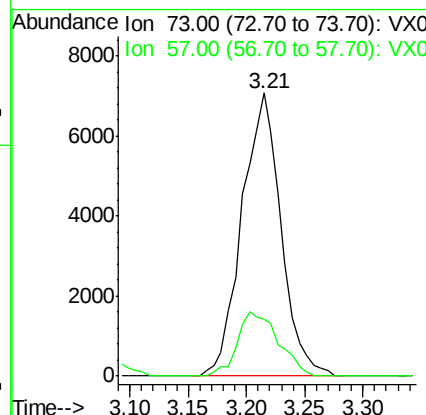
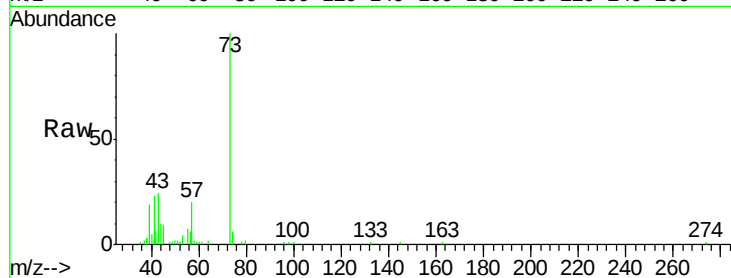




#19
Methyl tert-butyl Ether
Concen: 4.80 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

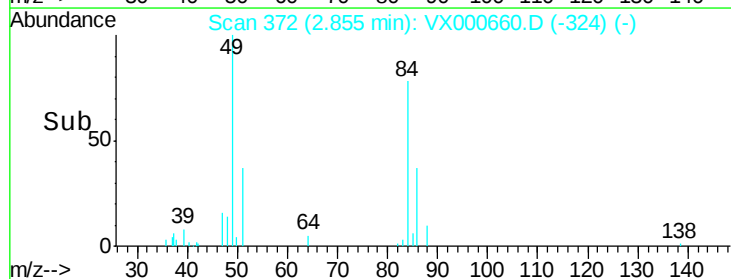
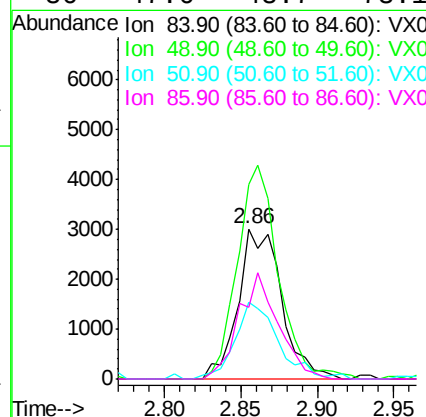
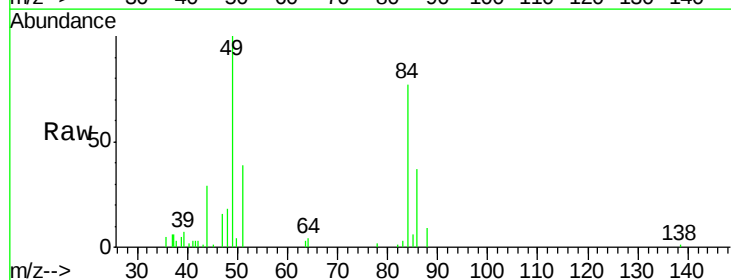
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

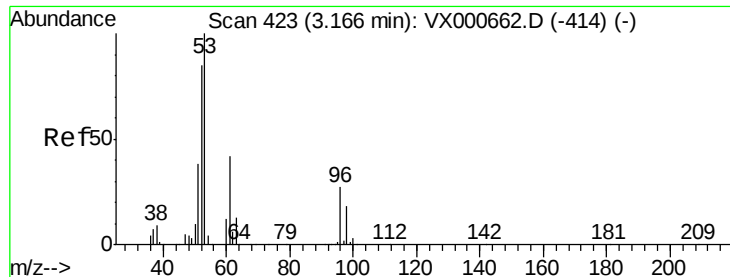
Tot Ion: 73 Resp: 16483
Ion Ratio Lower Upper
73 100
57 20.2 17.8 26.6



#20
Methylene Chloride
Concen: 5.56 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

Tgt Ion: 84 Resp: 5936
Ion Ratio Lower Upper
84 100
49 130.1 112.1 168.1
51 51.1 35.4 53.0
86 47.6 48.7 73.1#





#21

trans-1,2-Dichloroethene

Concen: 5.45 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

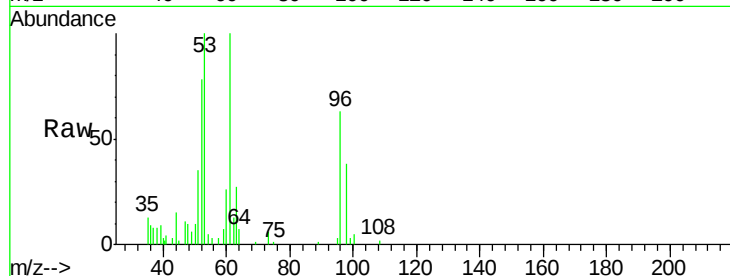
Tot Ion: 96 Resp: 5574

Ion Ratio Lower Upper

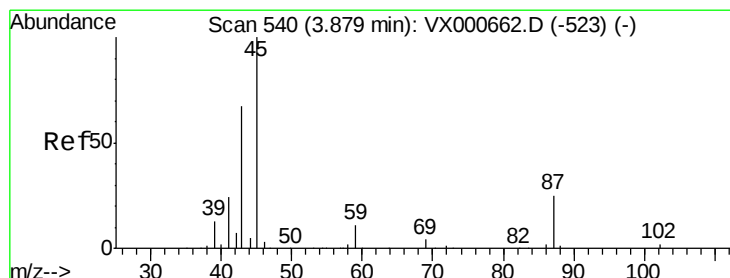
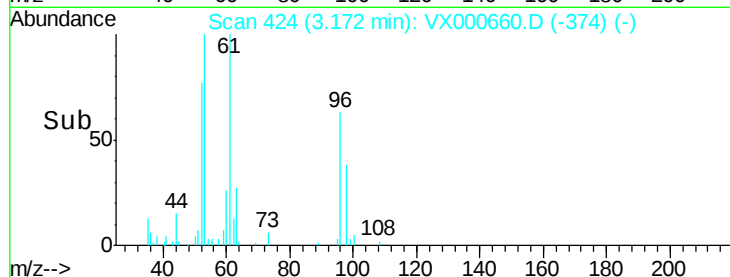
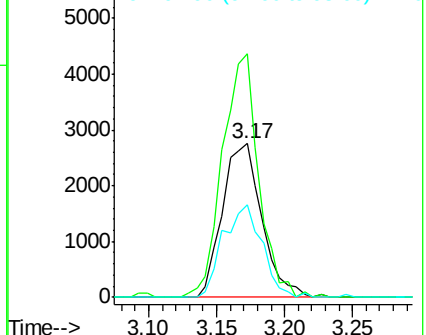
96 100

61 158.2 123.5 185.3

98 59.9 51.9 77.9



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: 5.73 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Tgt Ion: 45 Resp: 16247

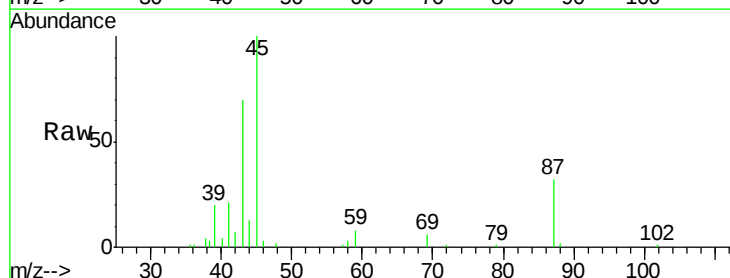
Ion Ratio Lower Upper

45 100

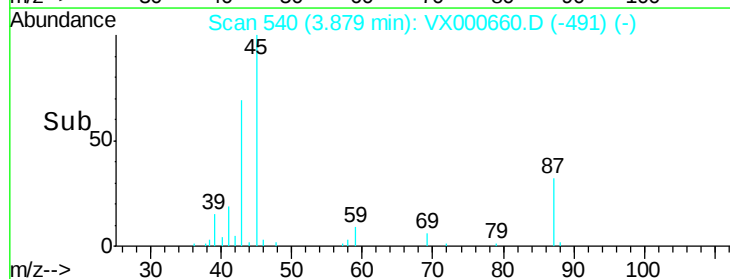
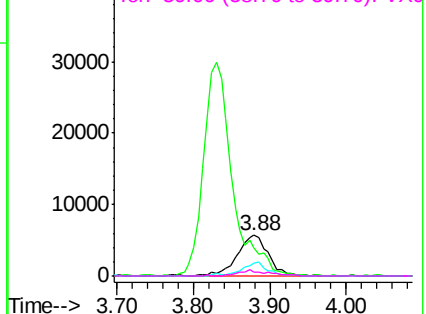
43 65.5 53.8 80.8

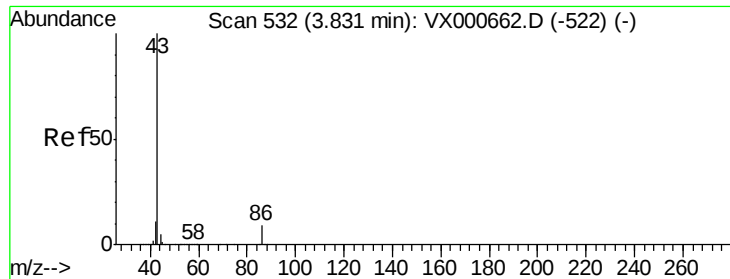
87 31.9 19.8 29.6#

59 8.5 8.6 12.8#



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: 30.18 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

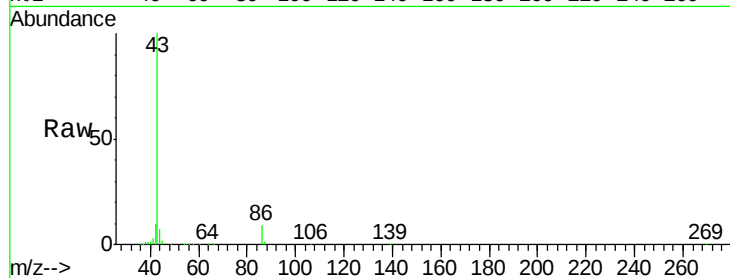
VSTDIC005

Tot Ion: 43 Resp: 79395

Ion Ratio Lower Upper

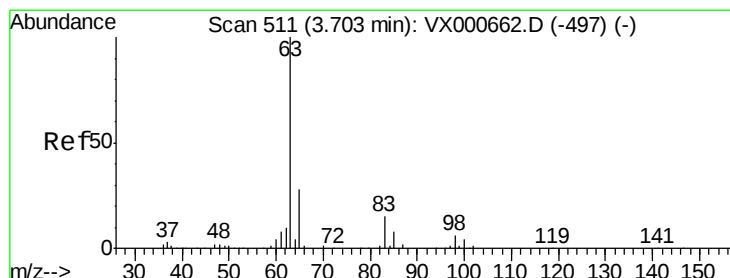
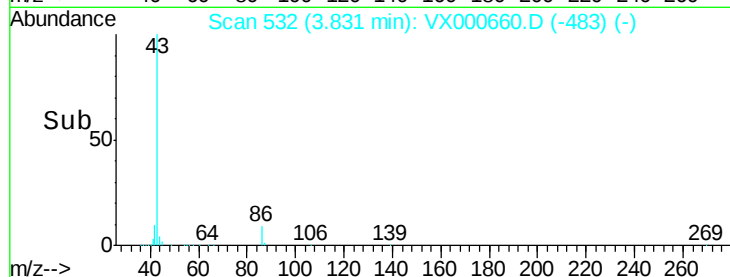
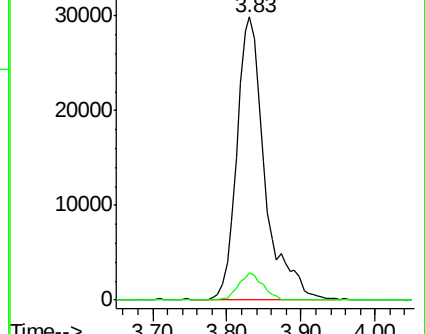
43 100

86 9.5 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 5.66 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

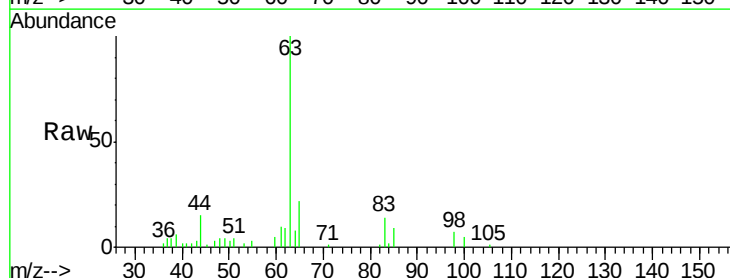
Tgt Ion: 63 Resp: 10254

Ion Ratio Lower Upper

63 100

98 7.2 3.0 9.0

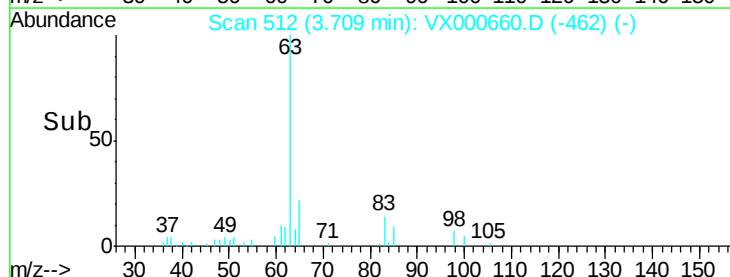
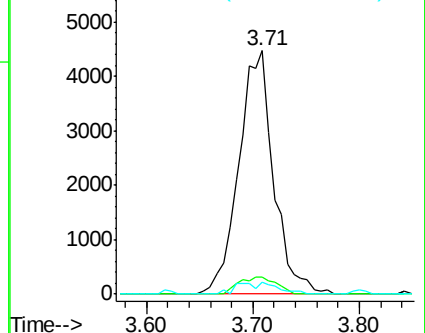
100 5.0 2.1 6.2

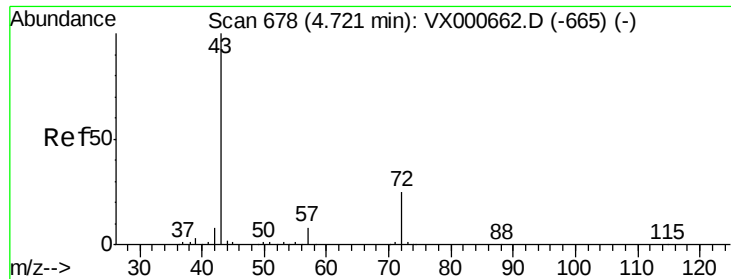


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 23.32 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

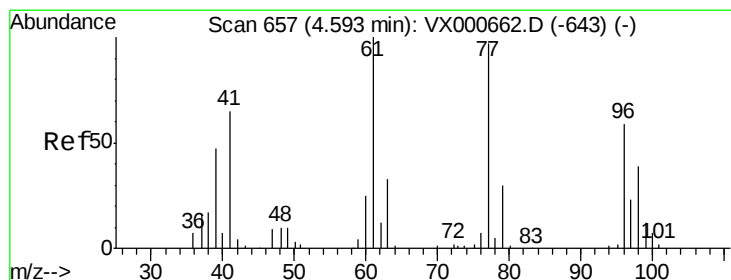
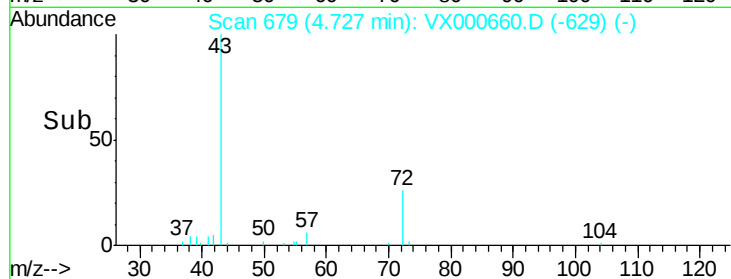
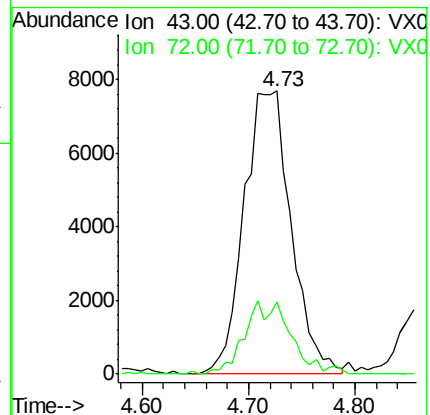
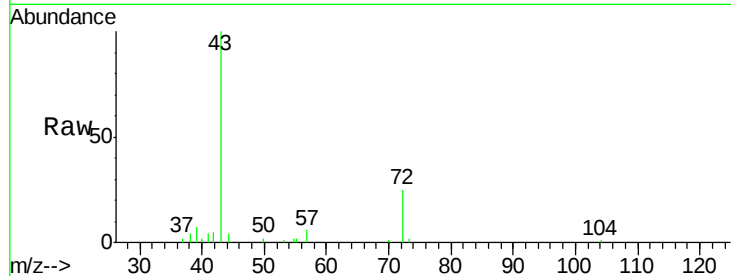
VSTDIC005

Tot Ion: 43 Resp: 23942

Ion Ratio Lower Upper

43 100

72 24.3 20.0 30.0



#26

2,2-Dichloropropane

Concen: 4.36 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX000660.D

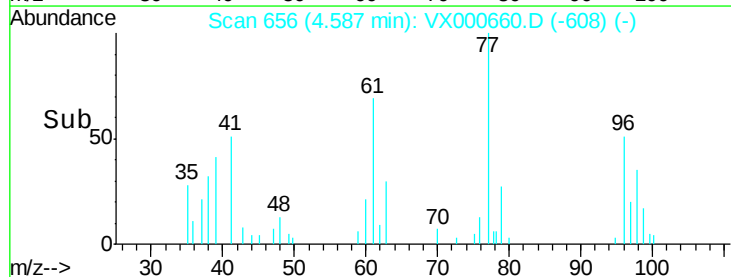
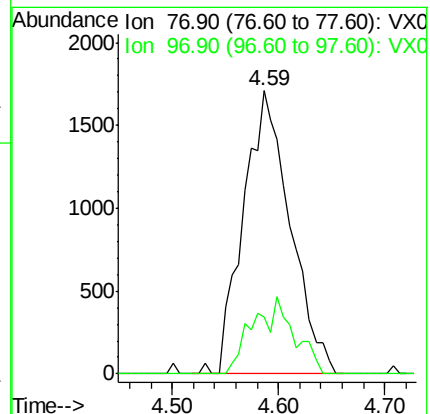
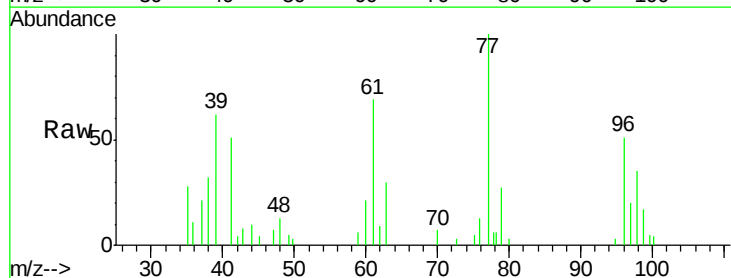
Acq: 04 Apr 2018 16:27

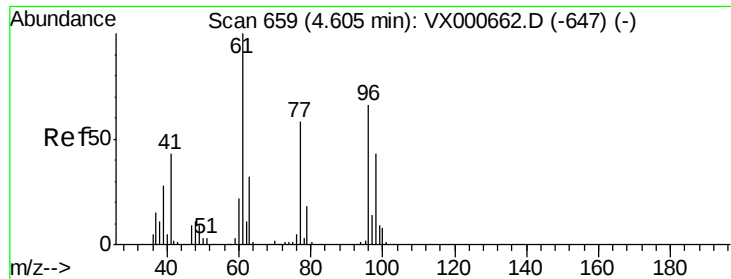
Tgt Ion: 77 Resp: 5267

Ion Ratio Lower Upper

77 100

97 23.9 11.5 34.4



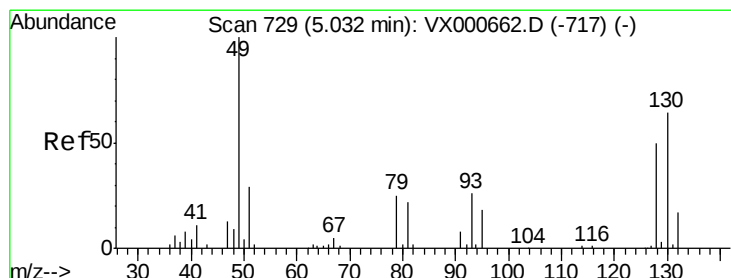
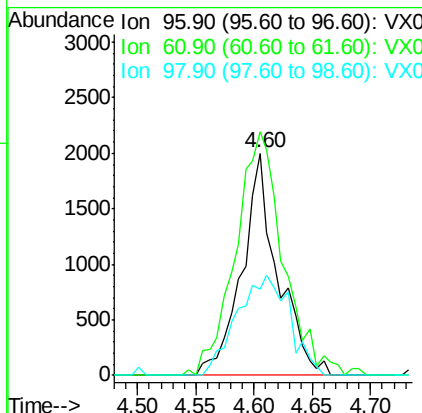
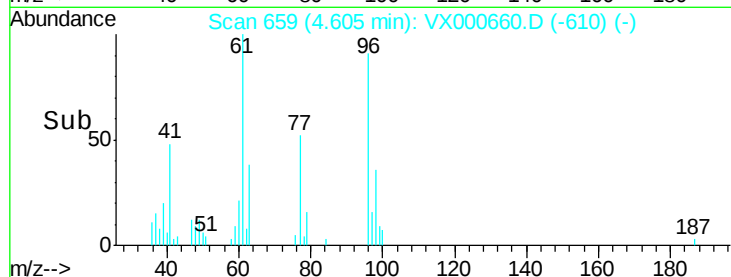
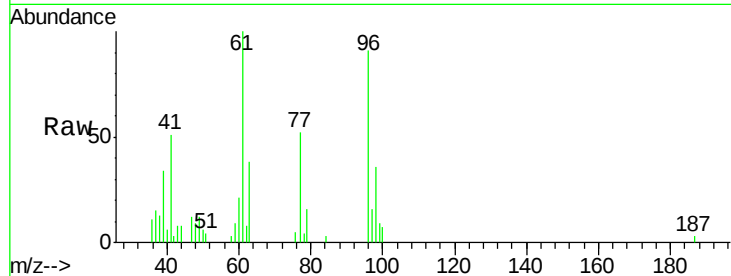


#27

cis-1,2-Dichloroethene
 Concen: 4.62 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX000660.D
 Acq: 04 Apr 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

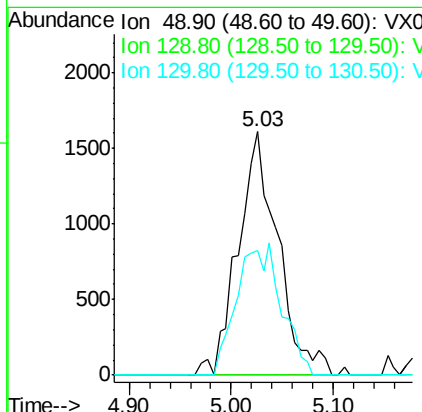
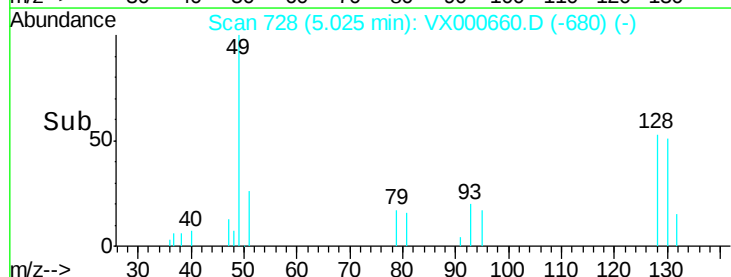
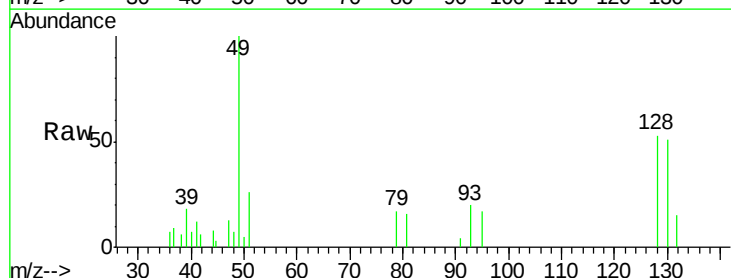
Tot Ion: 96 Resp: 4279
 Ion Ratio Lower Upper
 96 100
 61 145.7 0.0 309.4
 98 66.1 0.0 129.2

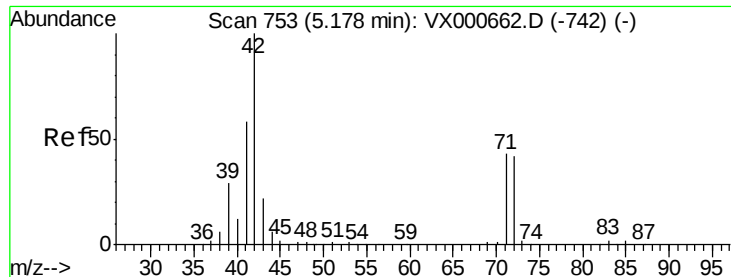


#28

Bromochloromethane
 Concen: 5.98 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX000660.D
 Acq: 04 Apr 2018 16:27

Tgt Ion: 49 Resp: 4353
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 60.5 53.8 80.6

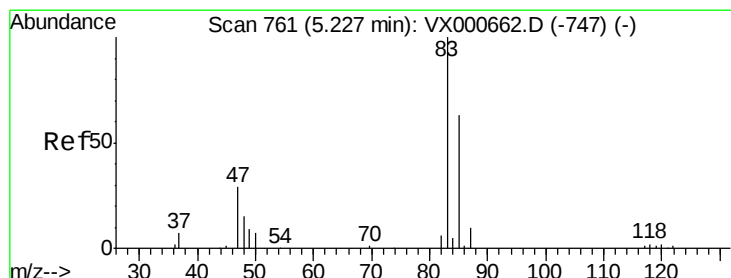
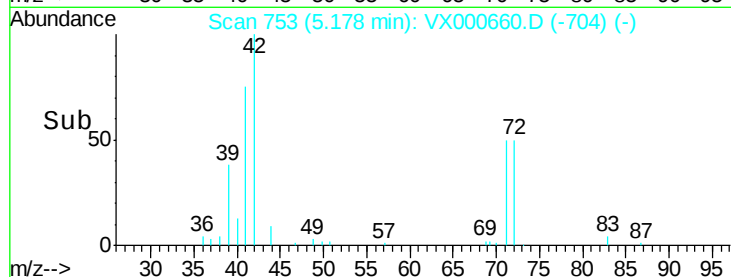
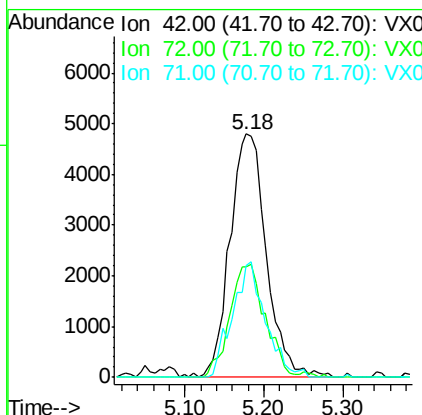
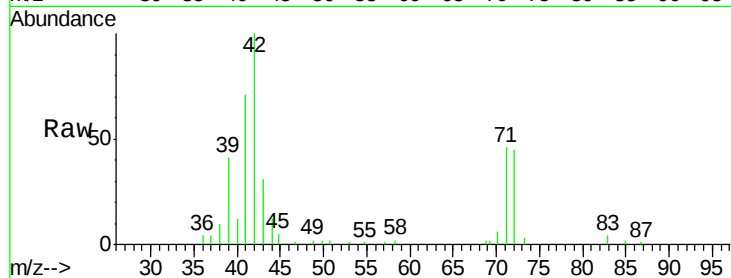




#29
Tetrahydrofuran
Concen: 24.37 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

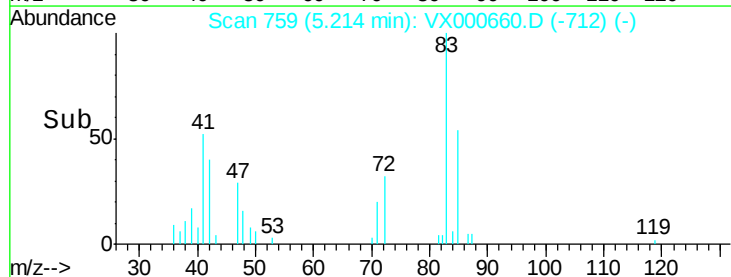
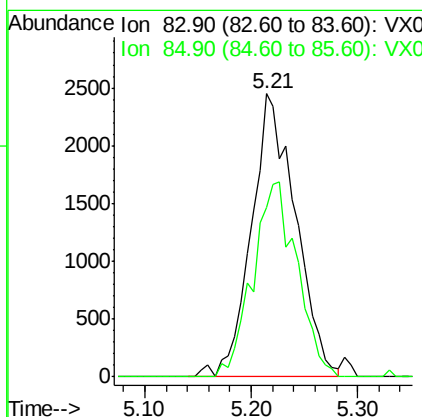
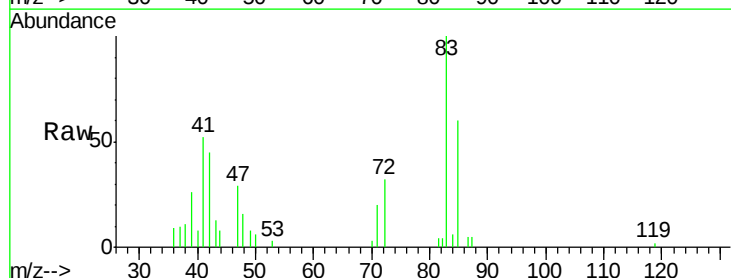
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

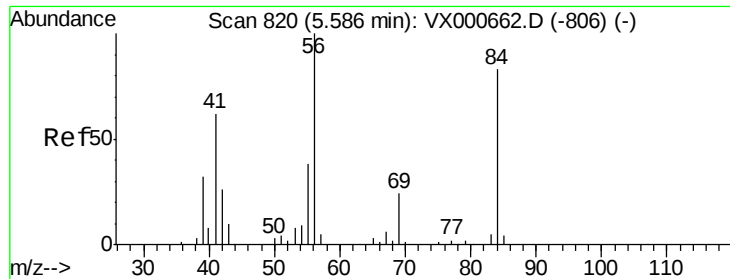
Tot Ion: 42 Resp: 15450
Ion Ratio Lower Upper
42 100
72 45.0 34.5 51.7
71 43.0 32.2 48.2



#30
Chloroform
Concen: 4.31 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

Tgt Ion: 83 Resp: 7104
Ion Ratio Lower Upper
83 100
85 60.0 50.2 75.4

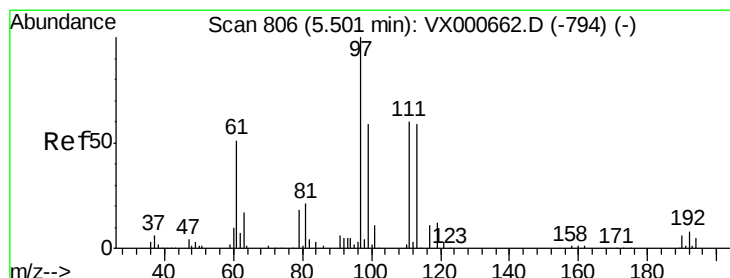
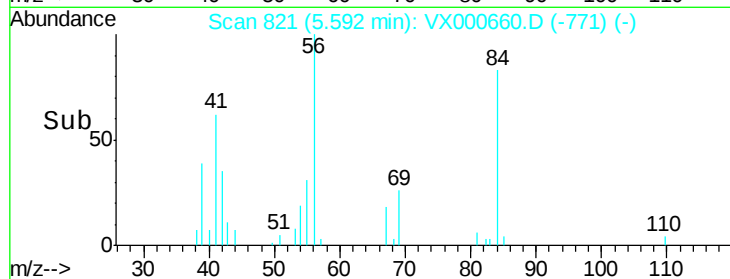
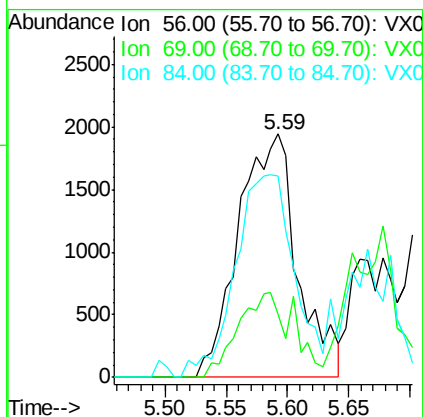
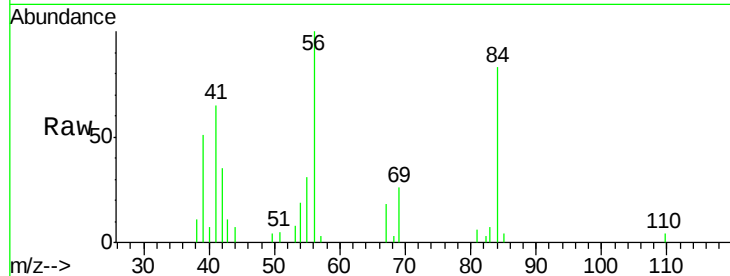




#31
Cyclohexane
Concen: 4.81 ug/l
RT: 5.59 min Scan# 821
Delta R.T. 0.01 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

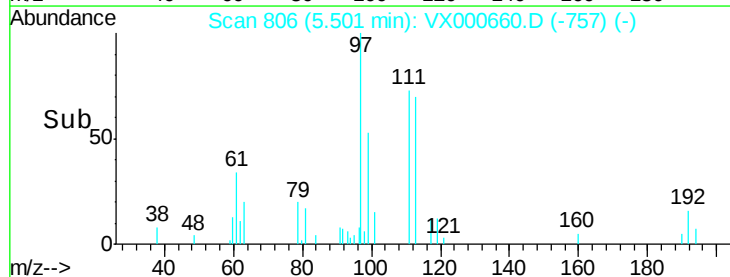
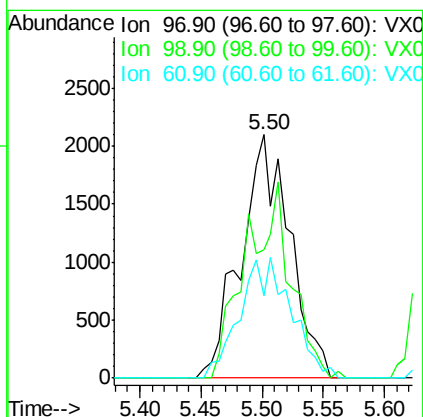
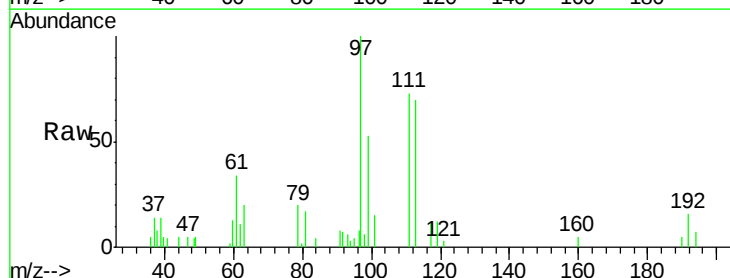
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

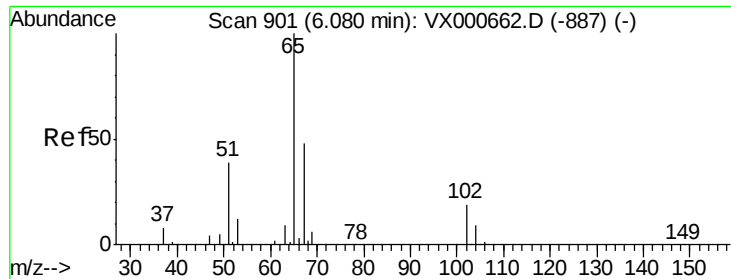
Tot Ion: 56 Resp: 6489
Ion Ratio Lower Upper
56 100
69 26.2 19.4 29.0
84 75.4 66.8 100.2



#32
1,1,1-Trichloroethane
Concen: 3.96 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

Tgt Ion: 97 Resp: 5854
Ion Ratio Lower Upper
97 100
99 74.0 51.7 77.5
61 25.7 41.4 62.2#

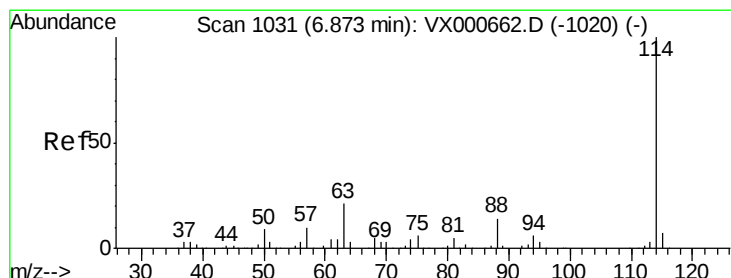
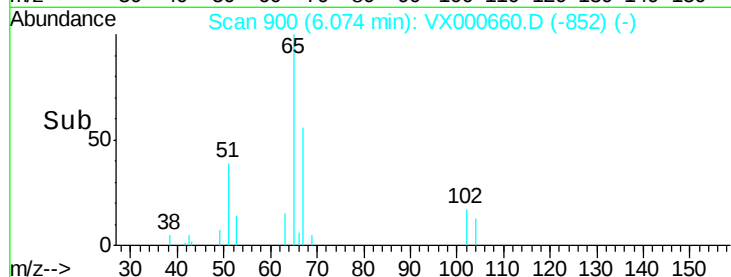
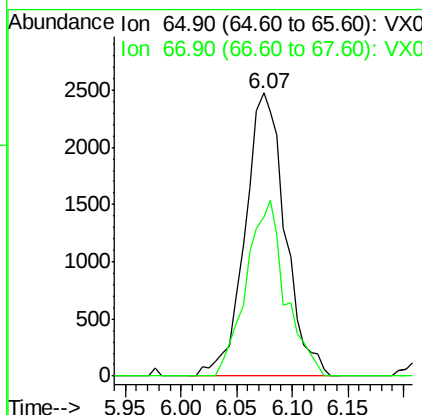
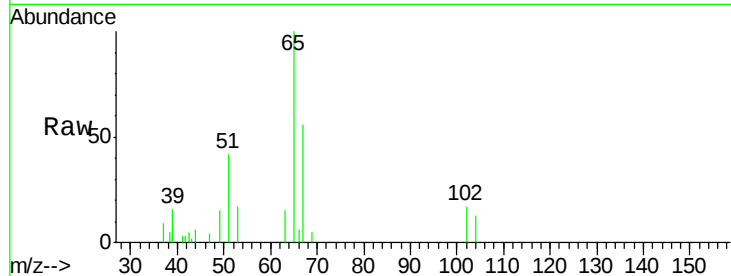




#33
 1,2-Dichloroethane-d4
 Concen: 5.49 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000660.D
 Acq: 04 Apr 2018 16:27

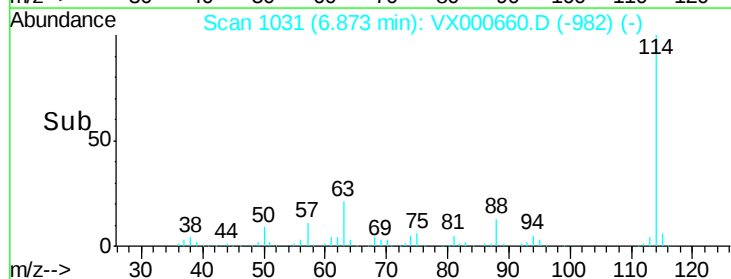
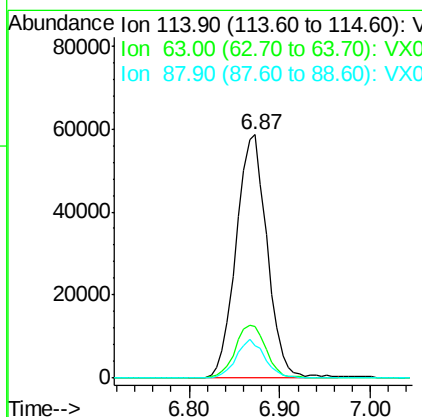
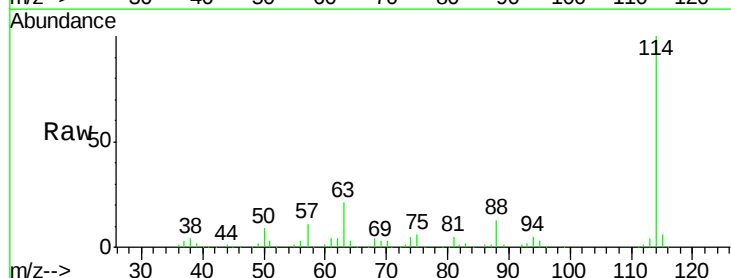
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

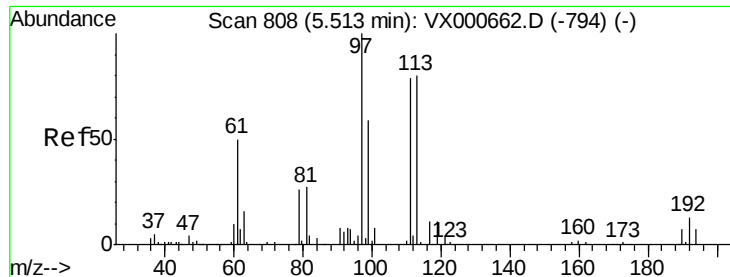
Tot Ion: 65 Resp: 6216
 Ion Ratio Lower Upper
 65 100
 67 60.2 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000660.D
 Acq: 04 Apr 2018 16:27

Tgt Ion: 114 Resp: 139068
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 41.6
 88 13.4 0.0 28.6





#35

Dibromofluoromethane

Concen: 5.15 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

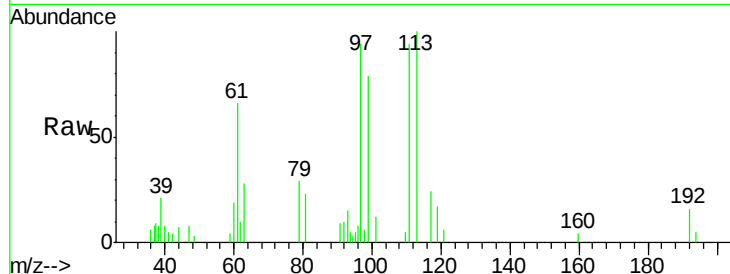
Tot Ion:113 Resp: 4543

Ion Ratio Lower Upper

113 100

111 97.2 82.0 123.0

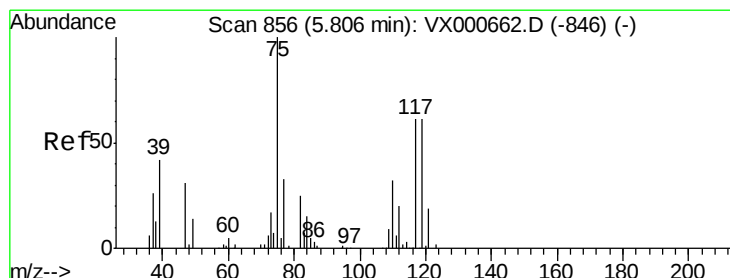
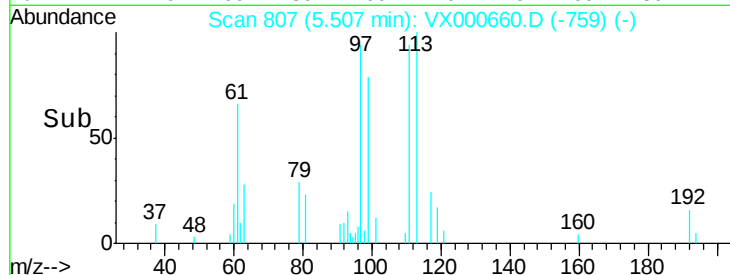
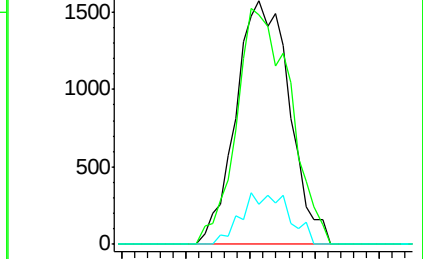
192 18.7 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.61 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

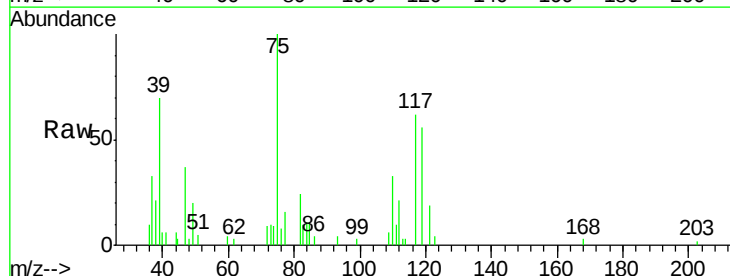
Tgt Ion: 75 Resp: 5931

Ion Ratio Lower Upper

75 100

110 35.8 16.3 48.9

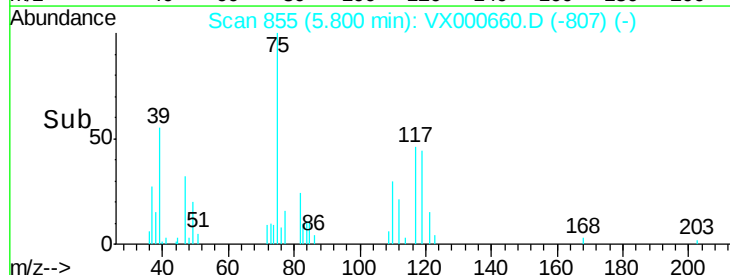
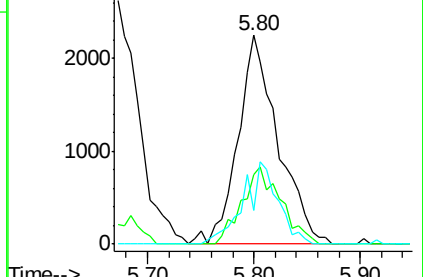
77 34.2 24.3 36.5

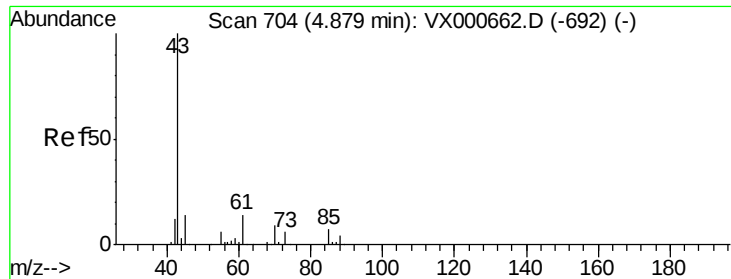


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

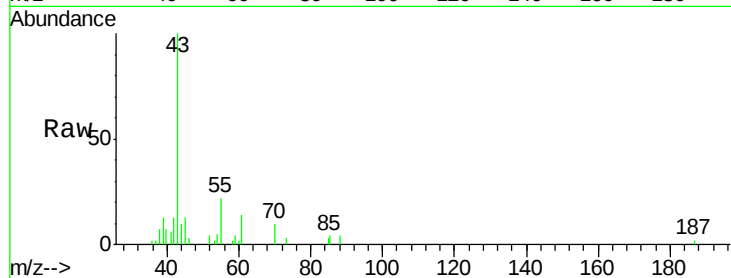




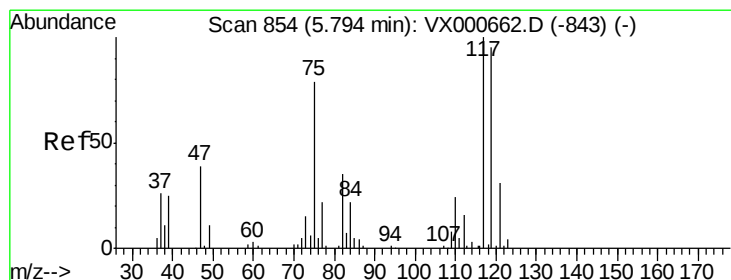
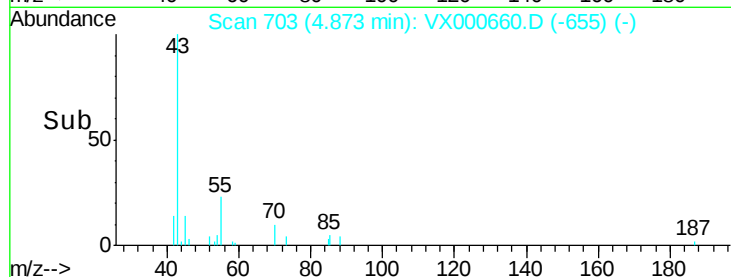
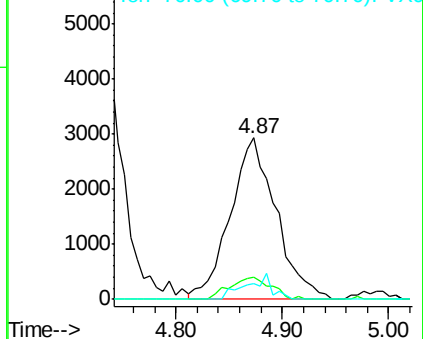
#37
Ethyl Acetate
Concen: 4.98 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 8841
Ion Ratio Lower Upper
43 100
61 12.3 10.4 15.6
70 9.0 6.8 10.2

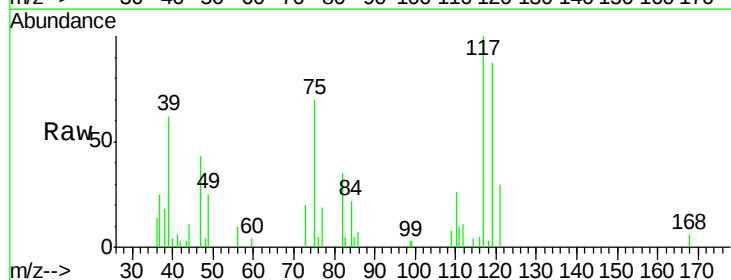


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

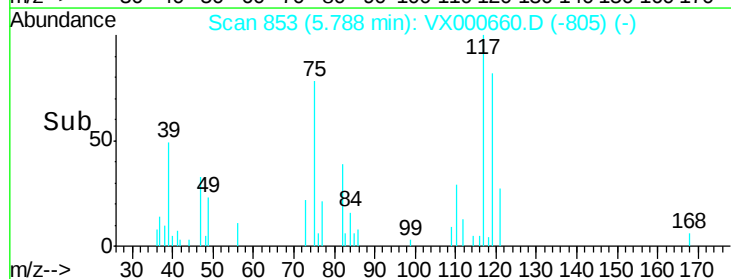
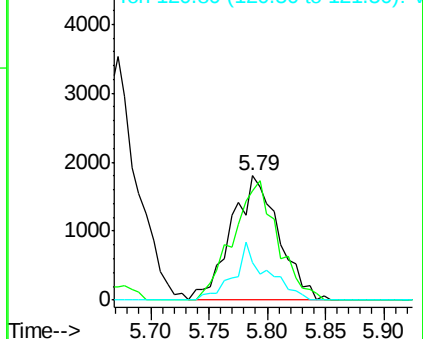


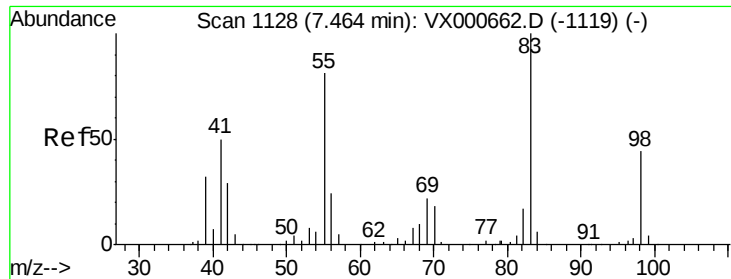
#38
Carbon Tetrachloride
Concen: 3.84 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

Tgt Ion: 117 Resp: 5115
Ion Ratio Lower Upper
117 100
119 87.4 76.1 114.1
121 30.4 24.8 37.2



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

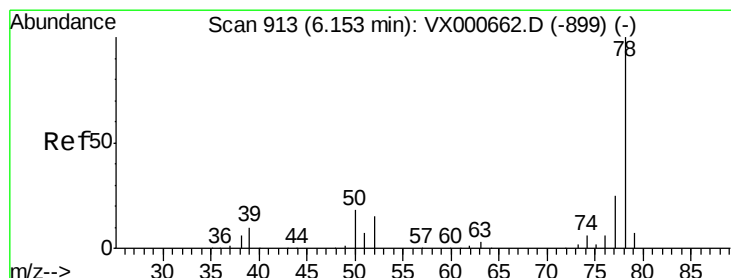
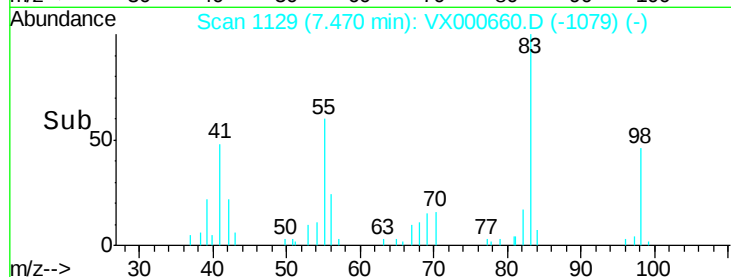
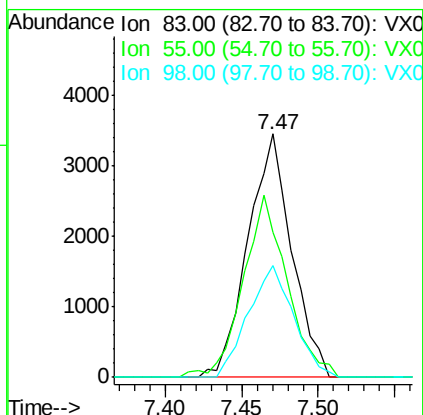
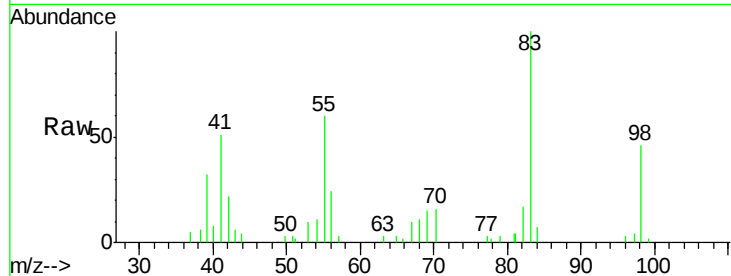




#39
Methvlcvclohexane
Concen: 4.45 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

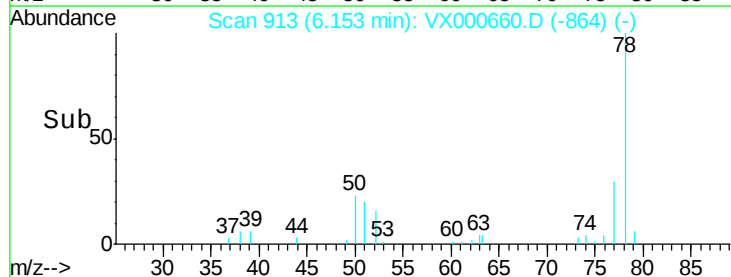
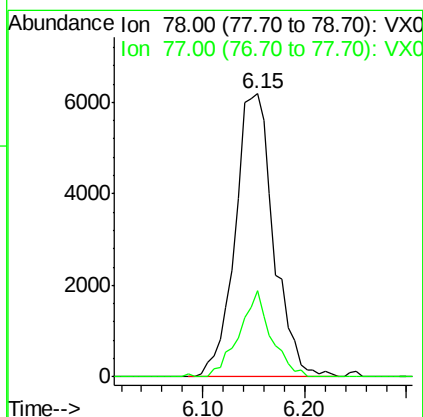
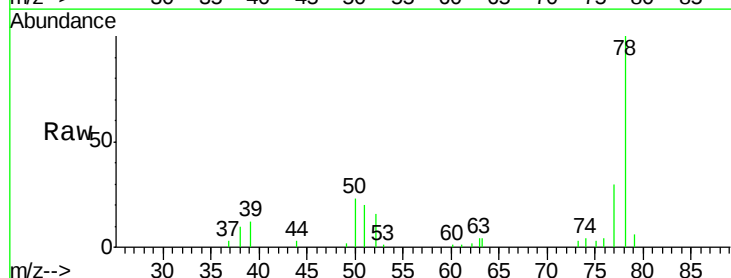
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

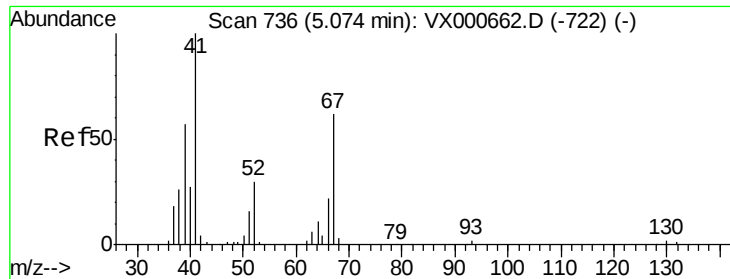
Tot Ion: 83 Resp: 6865
Ion Ratio Lower Upper
83 100
55 59.7 64.5 96.7#
98 46.1 35.0 52.6



#40
Benzene
Concen: 4.36 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

Tgt Ion: 78 Resp: 16225
Ion Ratio Lower Upper
78 100
77 30.3 20.2 30.2#

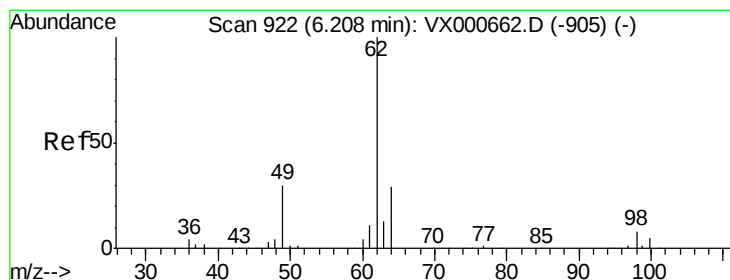
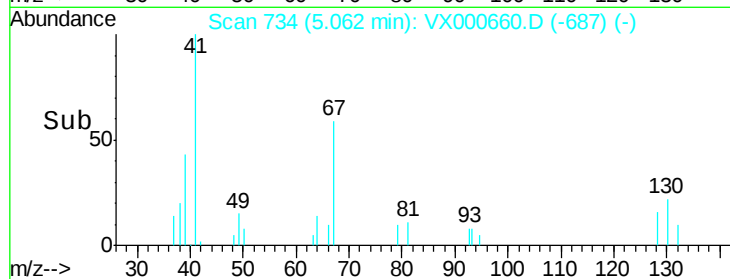
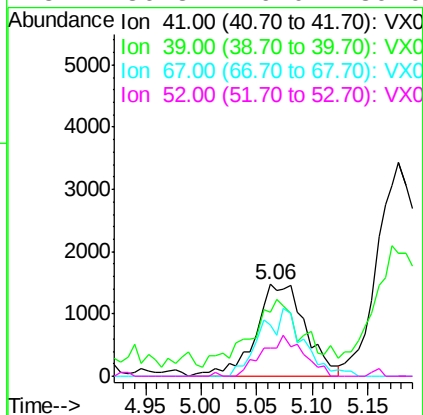
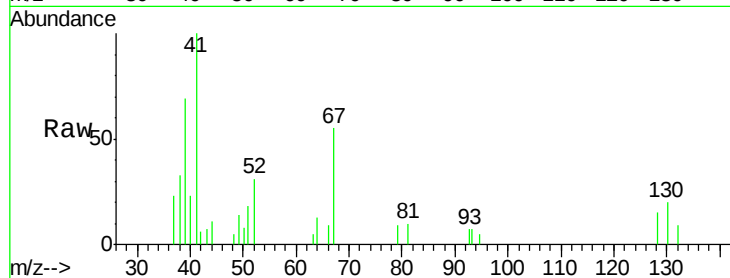




#41
Methacrylonitrile
Concen: 4.85 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

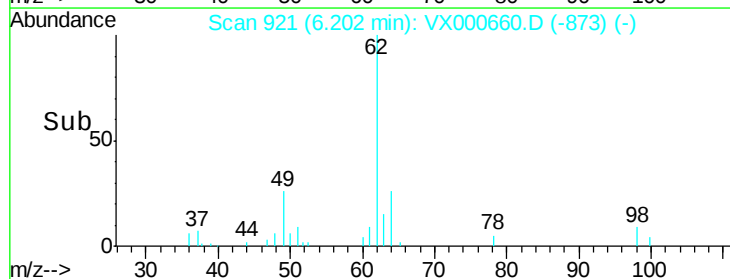
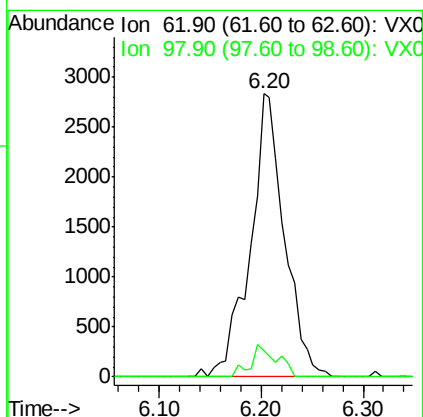
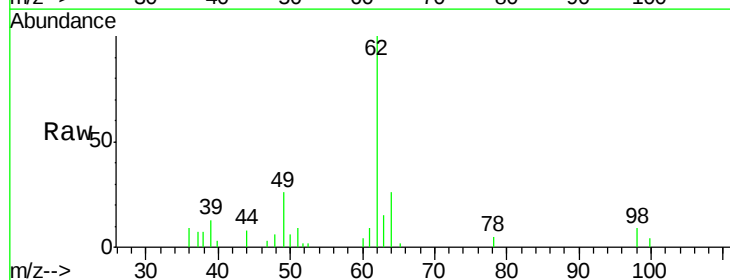
Instrument :
MSVOA_X
ClientSampleID :
VSTDIC005

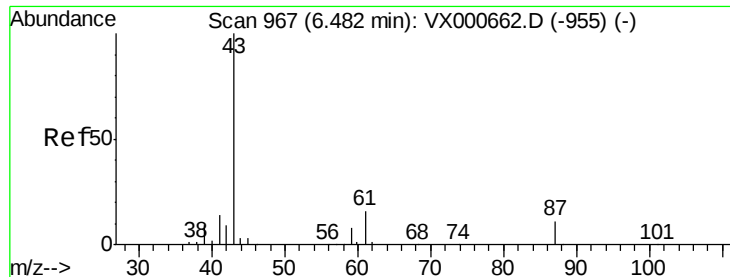
Tot Ion:	41	Resp:	4601
Ion	Ratio	Lower	Upper
41	100		
39	73.9	46.2	69.4#
67	63.4	52.4	78.6
52	36.3	26.0	39.0



#42
1,2-Dichloroethane
Concen: 4.48 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

Tgt Ion:	62	Resp:	6630
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.2



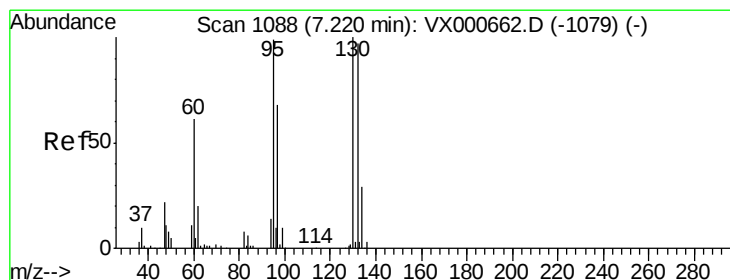
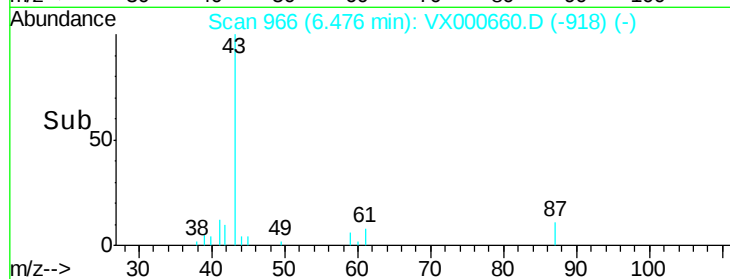
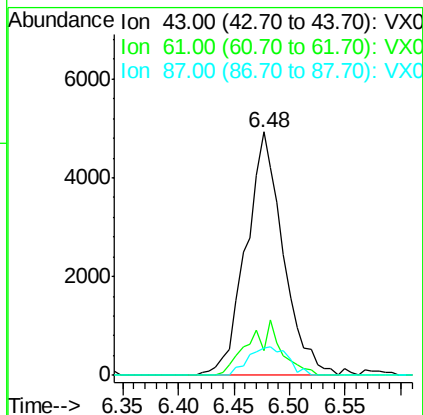
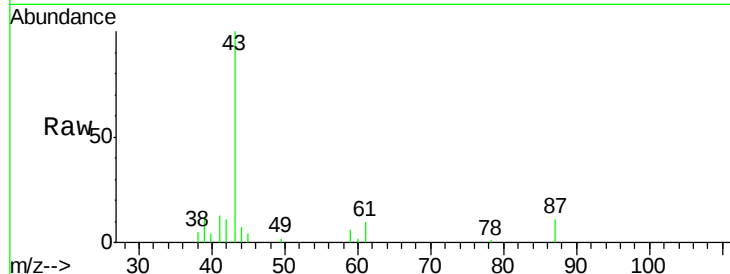


#43

Isopropyl Acetate
 Concen: 4.29 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: VX000660.D
 Acq: 04 Apr 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

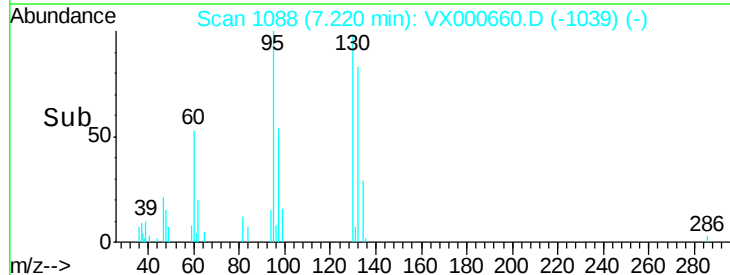
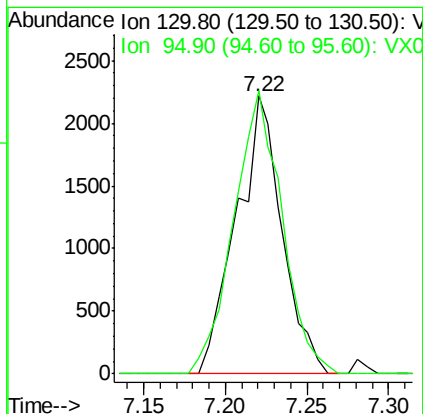
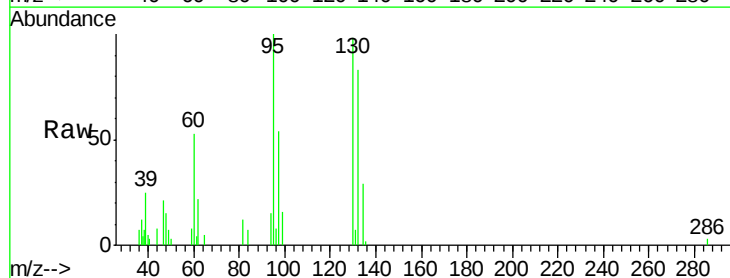
Tot Ion: 43 Resp: 11408
 Ion Ratio Lower Upper
 43 100
 61 10.5 13.4 20.2#
 87 12.5 9.4 14.0

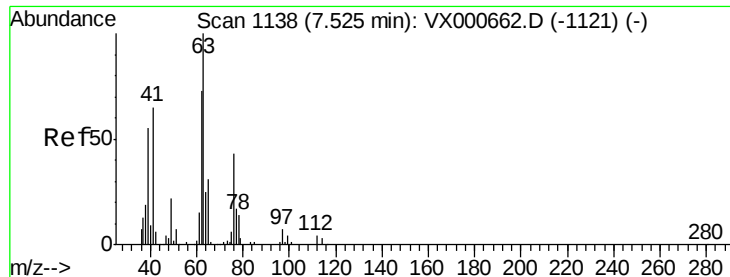


#44

Trichloroethene
 Concen: 4.06 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000660.D
 Acq: 04 Apr 2018 16:27

Tgt Ion:130 Resp: 4323
 Ion Ratio Lower Upper
 130 100
 95 101.8 0.0 198.8





#45

1,2-Dichloropropane

Concen: 4.77 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

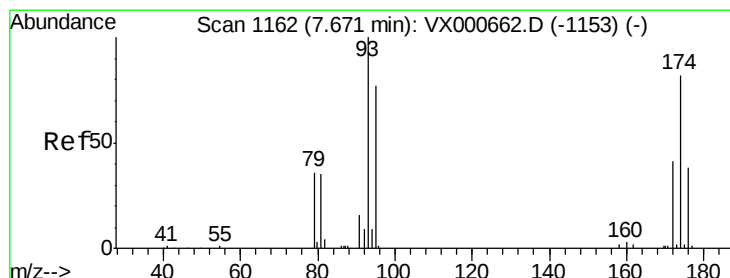
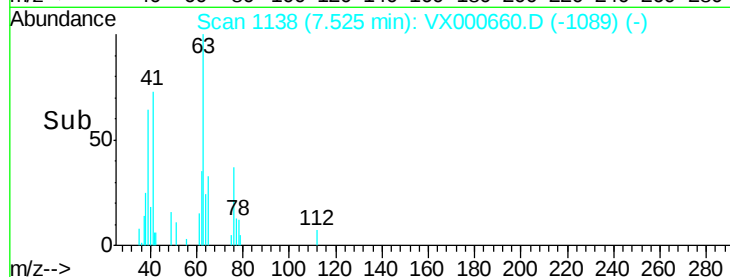
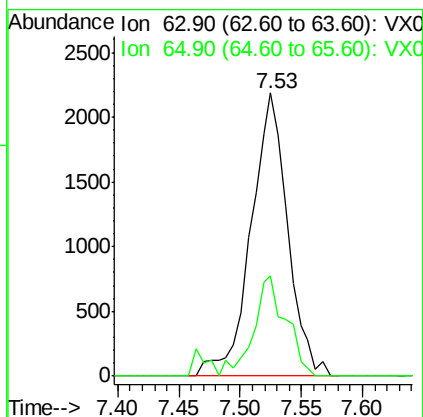
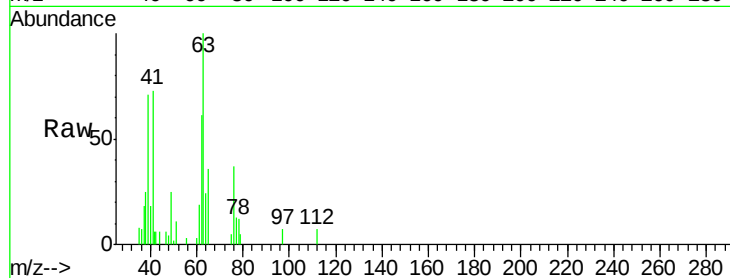
VSTDIC005

Tot Ion: 63 Resp: 4570

Ion Ratio Lower Upper

63 100

65 35.6 24.8 37.2



#46

Dibromomethane

Concen: 4.20 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

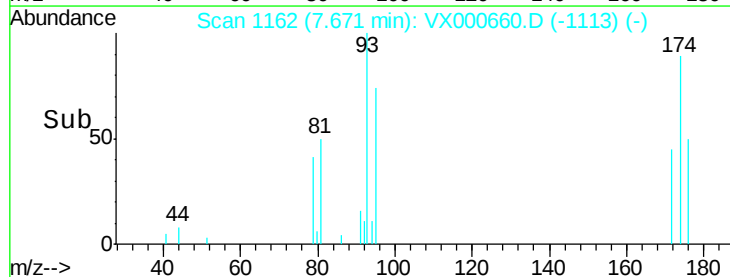
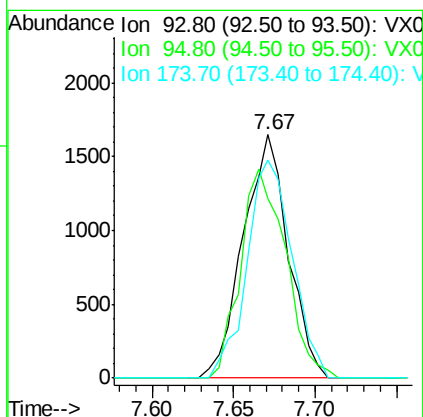
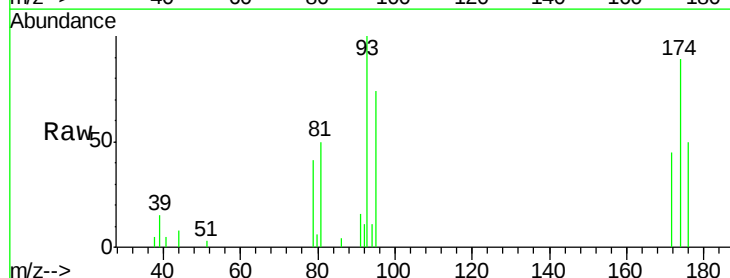
Tgt Ion: 93 Resp: 3153

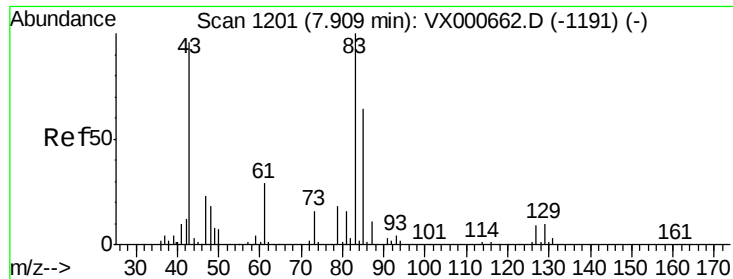
Ion Ratio Lower Upper

93 100

95 86.4 65.3 97.9

174 89.9 70.2 105.4





#47

Bromodichloromethane

Concen: 4.25 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

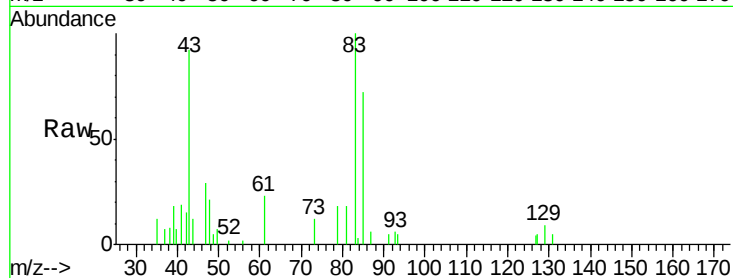
Tot Ion: 83 Resp: 5629

Ion Ratio Lower Upper

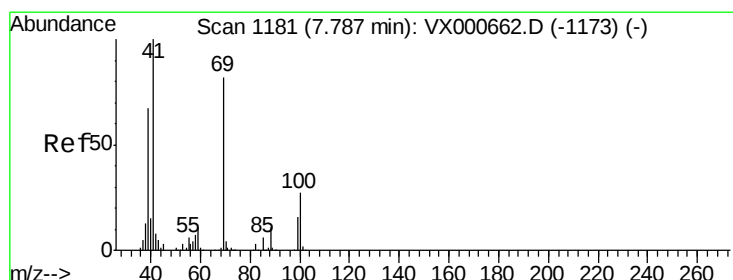
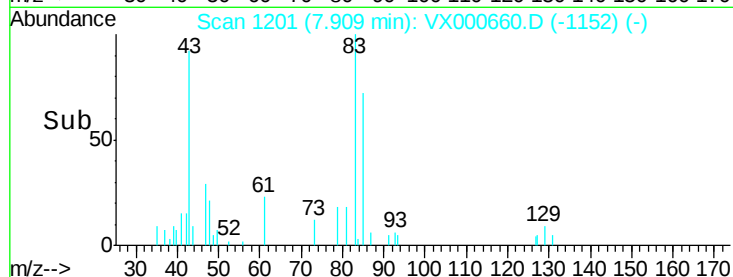
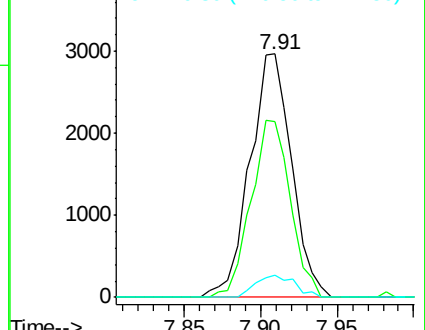
83 100

85 72.1 51.4 77.0

127 9.3 7.3 10.9



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



#48

Methyl methacrylate

Concen: 4.68 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

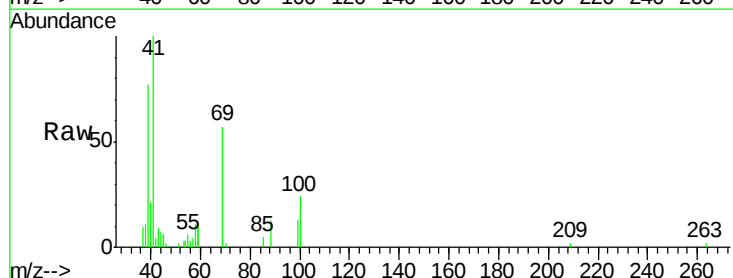
Tgt Ion: 41 Resp: 6040

Ion Ratio Lower Upper

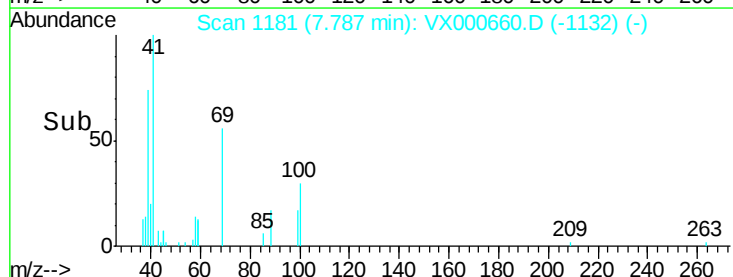
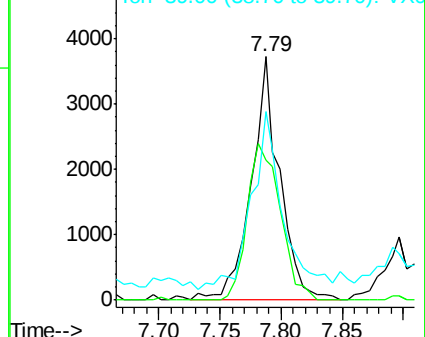
41 100

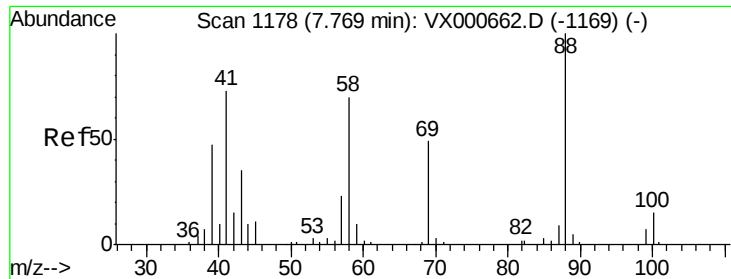
69 74.7 64.3 96.5

39 80.0 57.0 85.4



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

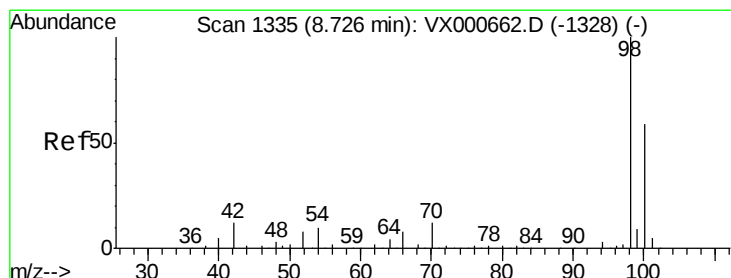
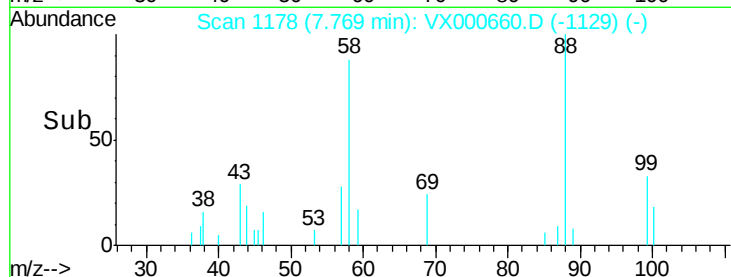
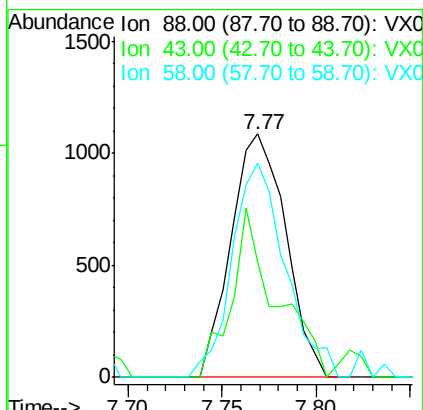
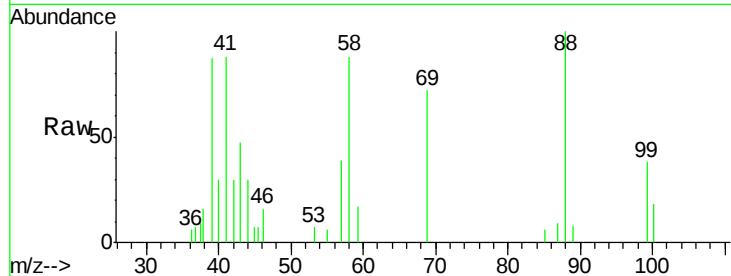




#49
1,4-Dioxane
Concen: 79.84 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

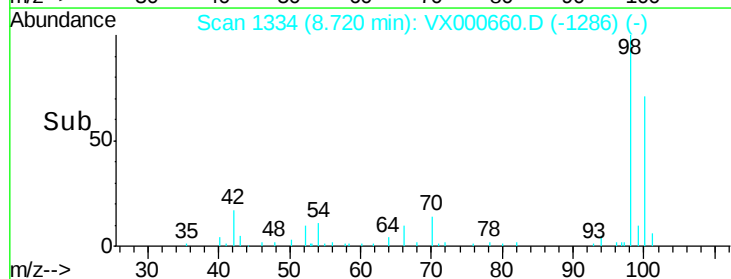
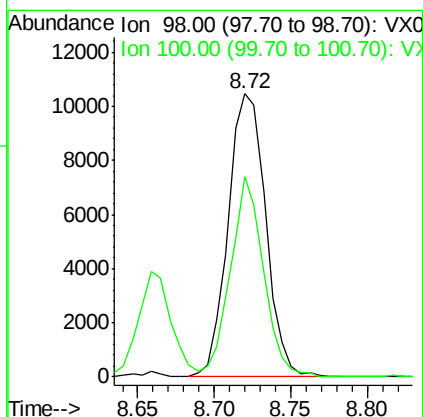
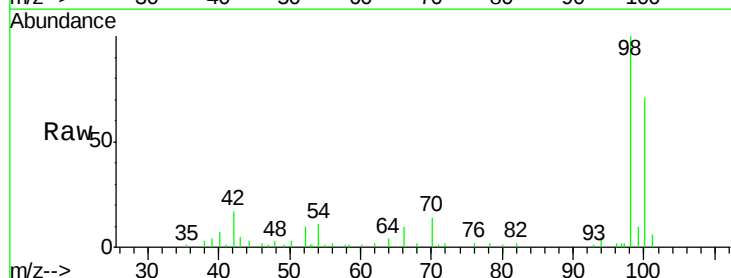
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

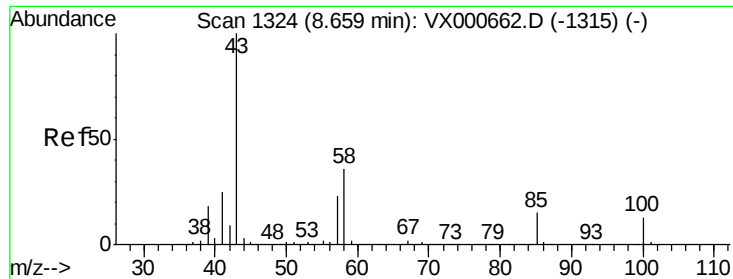
Tot Ion: 88 Resp: 2186
Ion Ratio Lower Upper
88 100
43 56.6 29.4 44.0#
58 85.9 53.4 80.0#



#50
Toluene-d8
Concen: 4.80 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

Tgt Ion: 98 Resp: 17781
Ion Ratio Lower Upper
98 100
100 62.3 51.0 76.6





#51

4-Methyl-2-Pentanone

Concen: 21.19 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

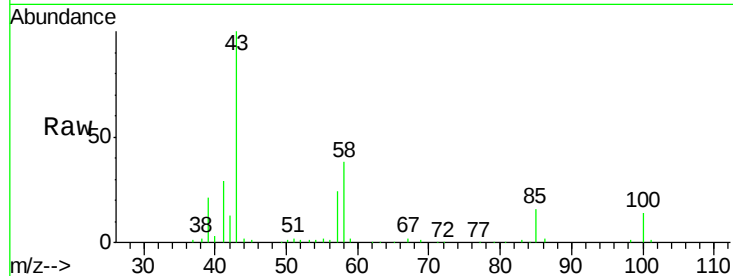
VSTDIC005

Tot Ion: 43 Resp: 44203

Ion Ratio Lower Upper

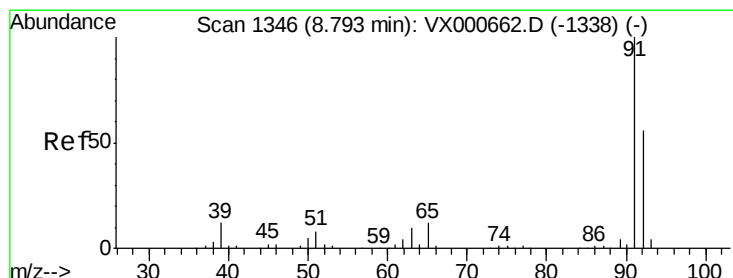
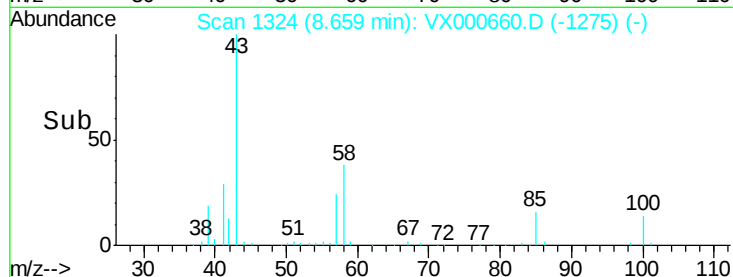
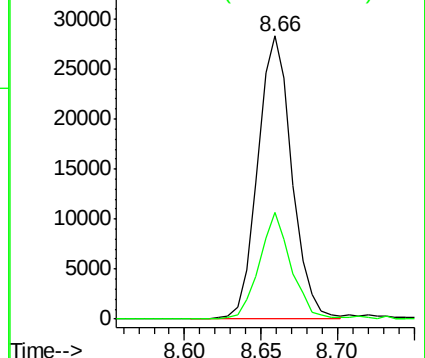
43 100

58 35.1 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 4.06 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX000660.D

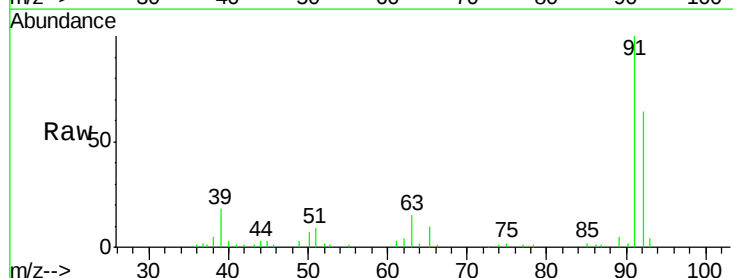
Acq: 04 Apr 2018 16:27

Tgt Ion: 92 Resp: 10629

Ion Ratio Lower Upper

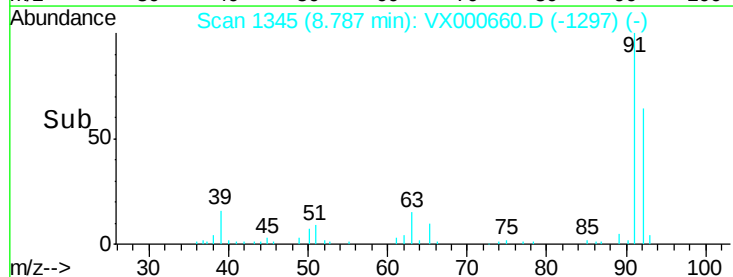
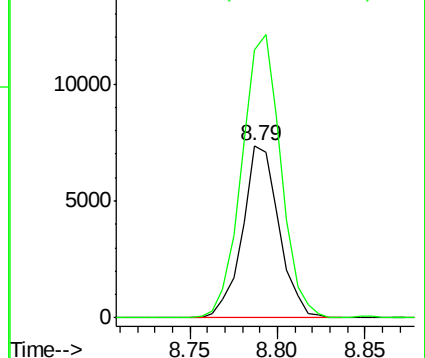
92 100

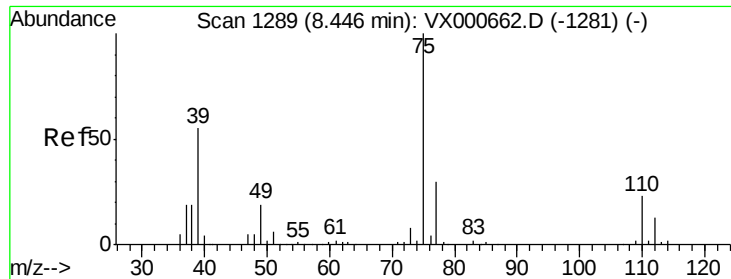
91 176.2 141.7 212.5



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: 3.89 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

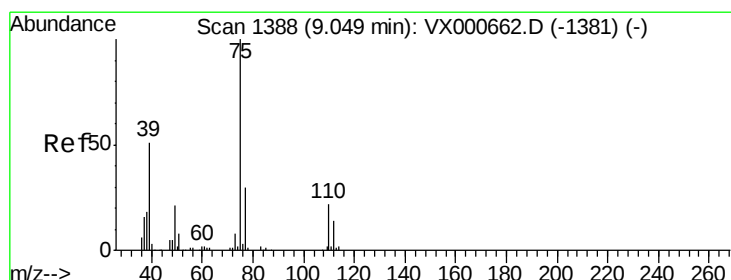
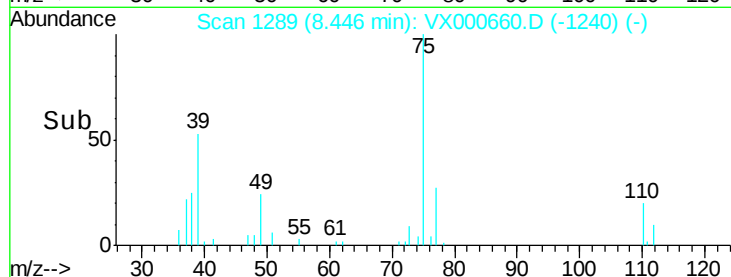
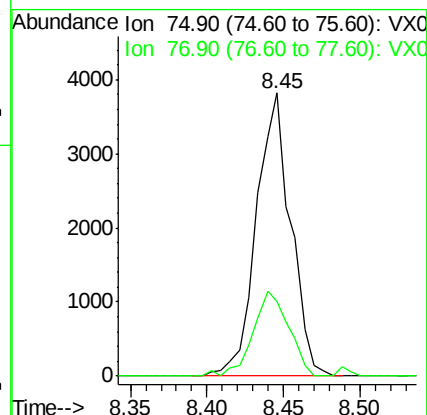
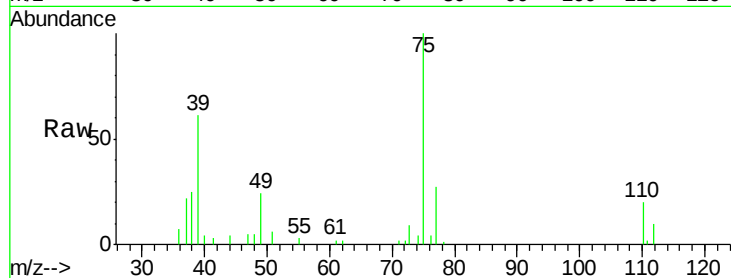
VSTDIC005

Tot Ion: 75 Resp: 5961

Ion Ratio Lower Upper

75 100

77 26.6 23.8 35.6



#54

cis-1,3-Dichloropropene

Concen: 3.67 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

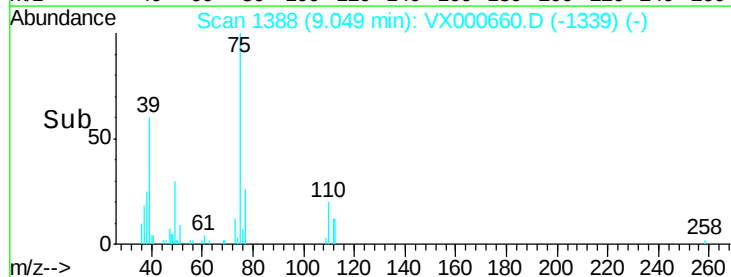
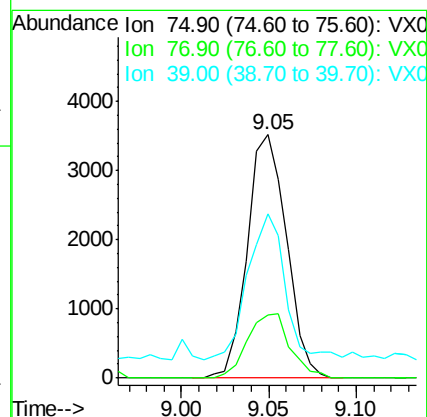
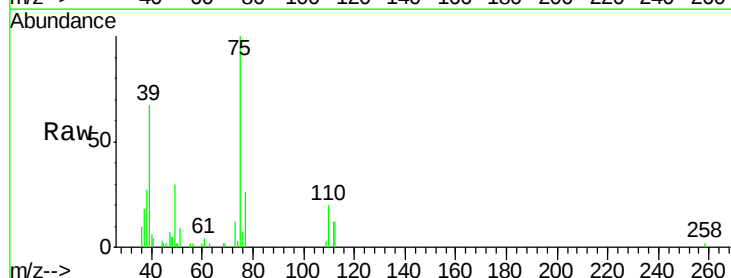
Tgt Ion: 75 Resp: 5469

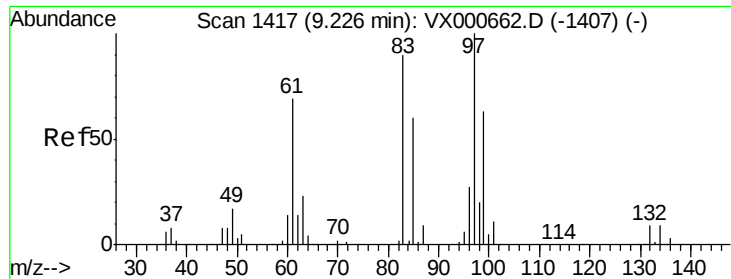
Ion Ratio Lower Upper

75 100

77 25.8 24.1 36.1

39 59.1 40.7 61.1

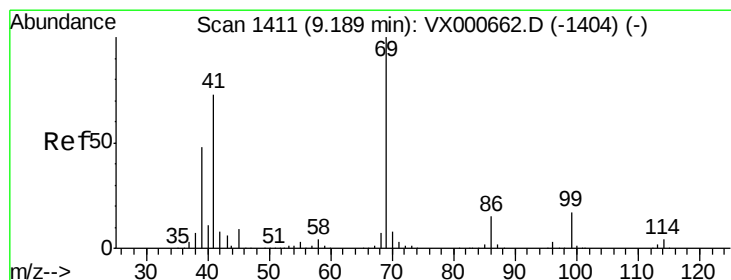
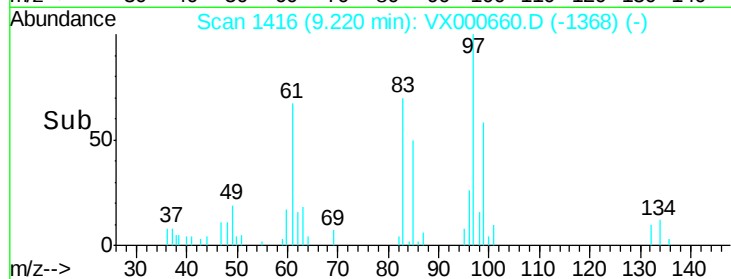
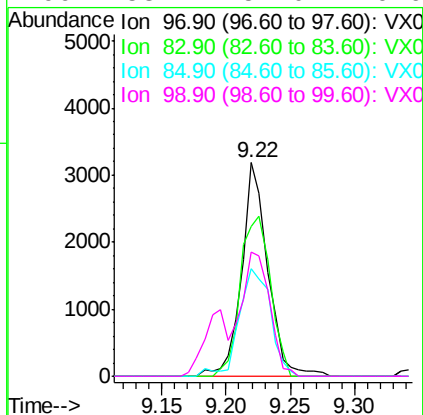
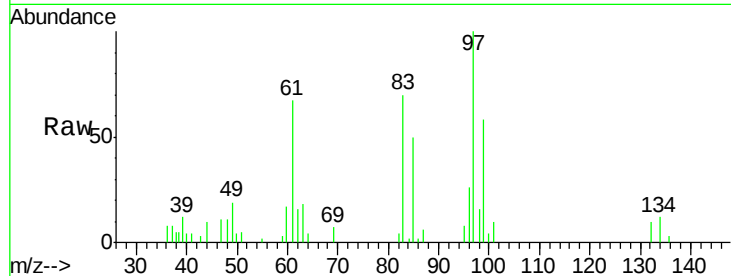




#55
 1,1,2-Trichloroethane
 Concen: 4.15 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000660.D
 Acq: 04 Apr 2018 16:27

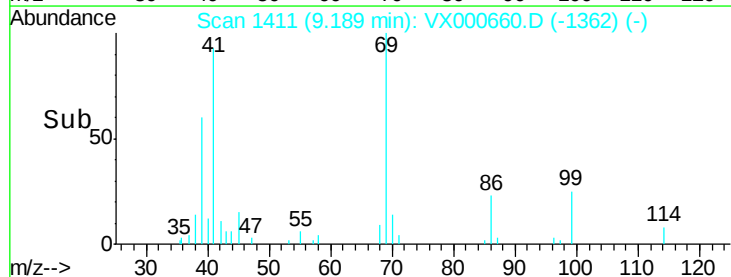
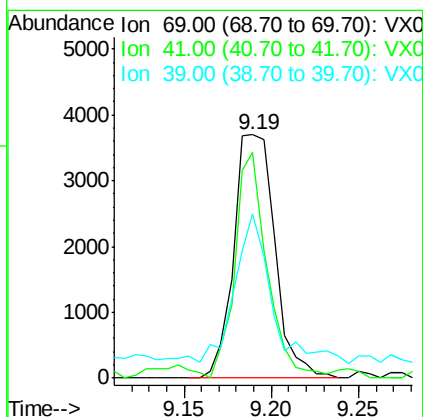
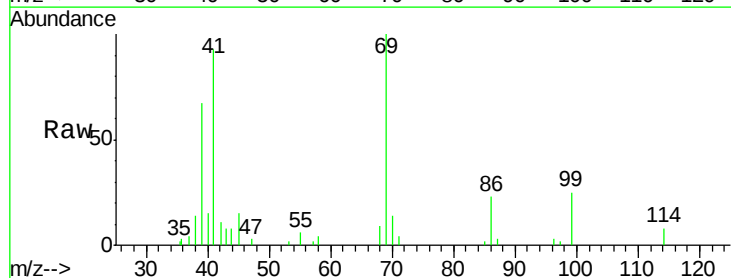
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

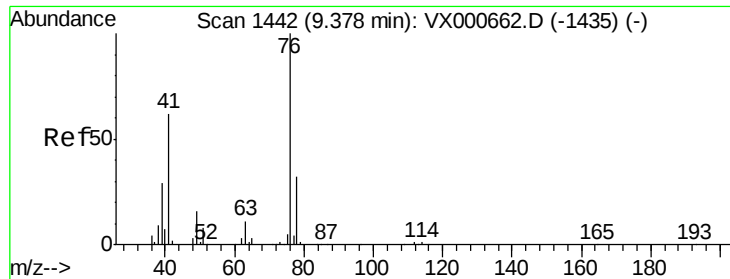
Tot Ion:	97	Resp:	4479
Ion	Ratio	Lower	Upper
97	100		
83	69.9	72.1	108.1#
85	50.1	48.3	72.5
99	58.2	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 3.71 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000660.D
 Acq: 04 Apr 2018 16:27

Tgt Ion:	69	Resp:	6092
Ion	Ratio	Lower	Upper
69	100		
41	72.4	56.5	84.7
39	55.2	39.8	59.8





#57

1,3-Dichloropropane

Concen: 4.03 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

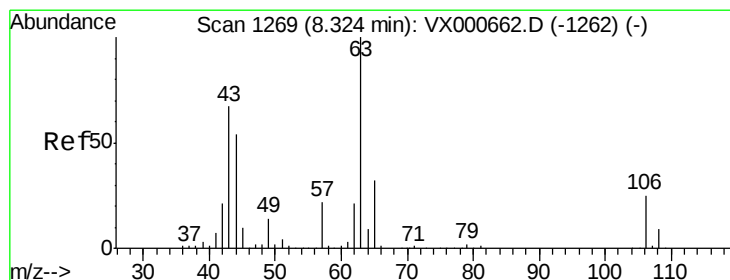
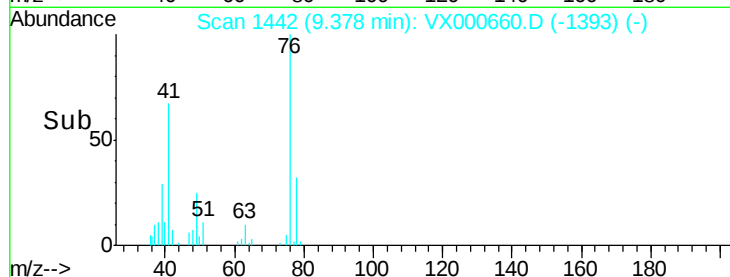
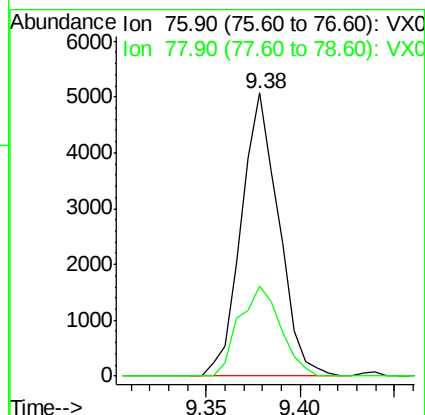
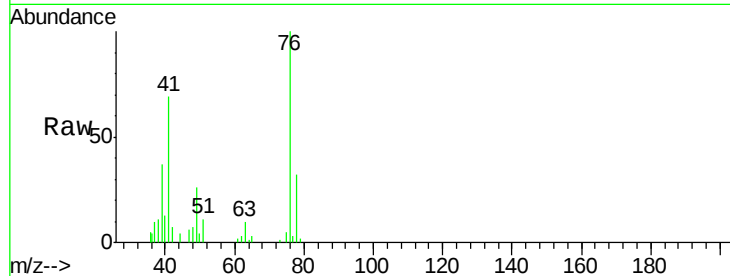
VSTDIC005

Tot Ion: 76 Resp: 6994

Ion Ratio Lower Upper

76 100

78 35.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 15.61 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000660.D

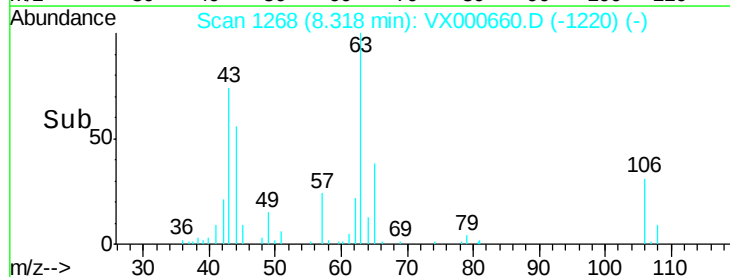
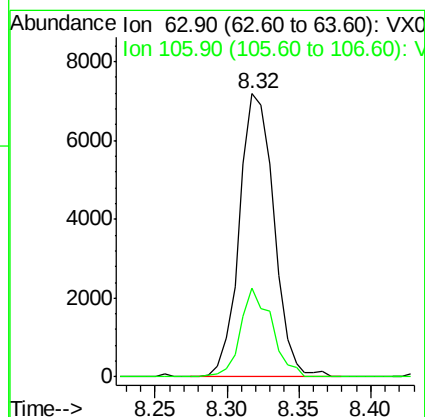
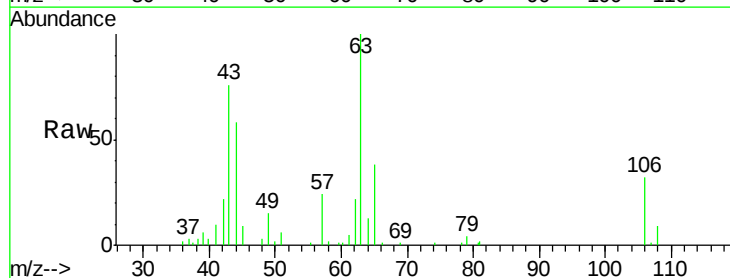
Acq: 04 Apr 2018 16:27

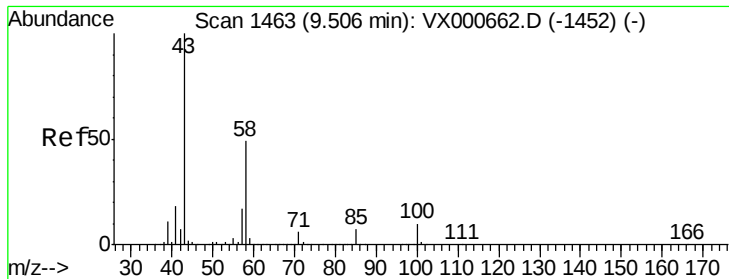
Tgt Ion: 63 Resp: 11965

Ion Ratio Lower Upper

63 100

106 28.4 20.5 30.7

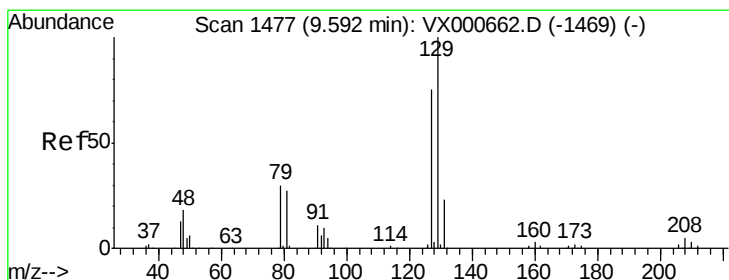
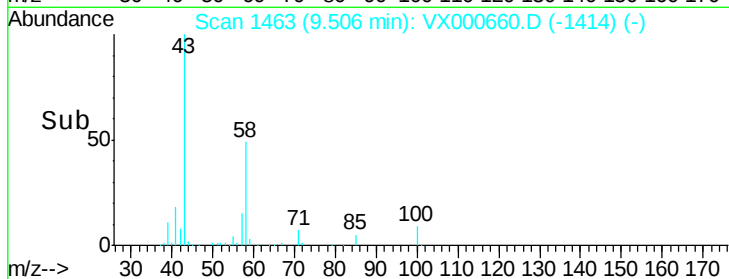
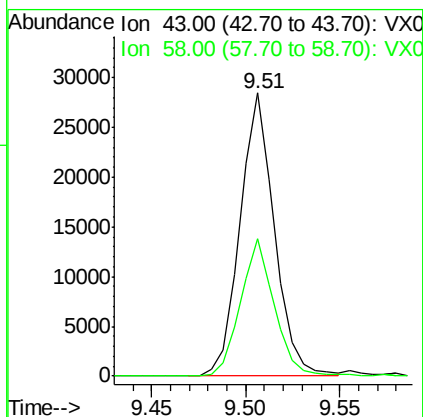
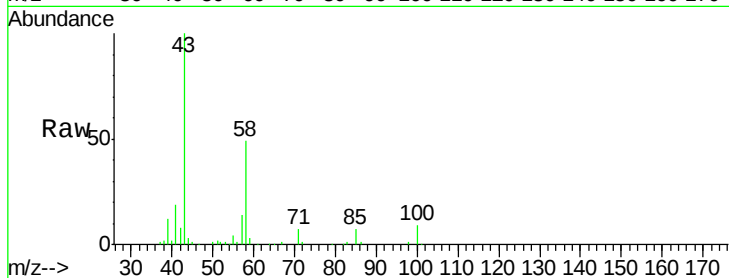




#59
2-Hexanone
Concen: 20.21 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

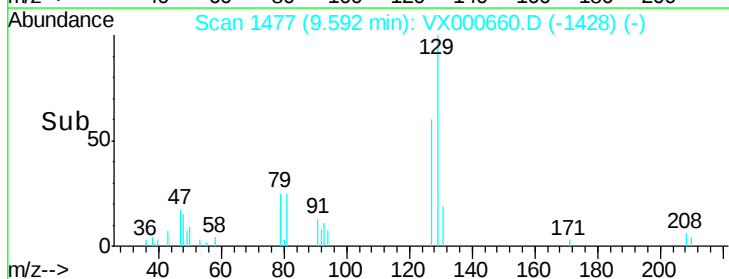
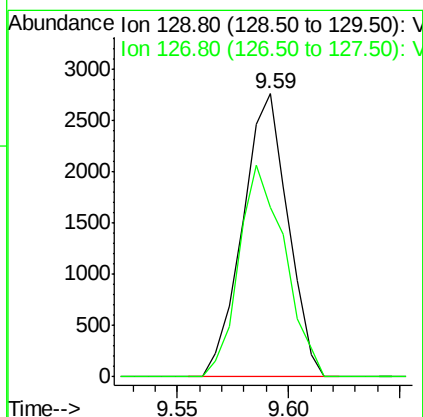
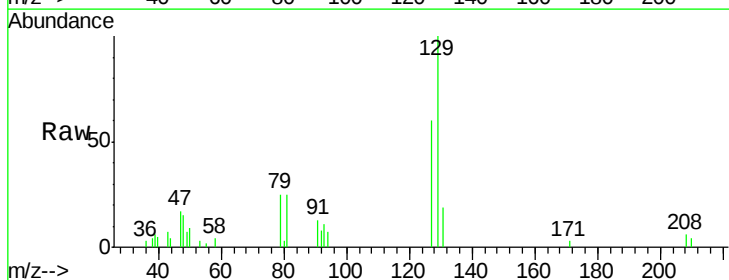
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

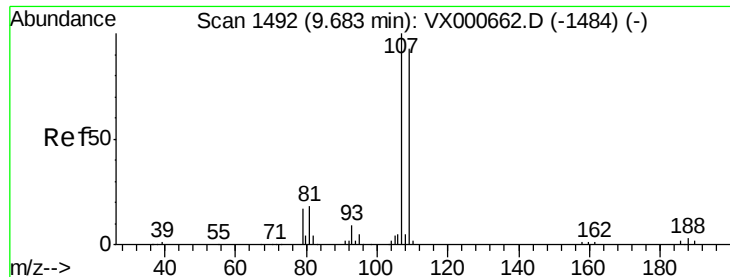
Tot Ion: 43 Resp: 35962
Ion Ratio Lower Upper
43 100
58 48.4 24.8 74.3



#60
Dibromochloromethane
Concen: 3.57 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

Tgt Ion: 129 Resp: 3912
Ion Ratio Lower Upper
129 100
127 76.0 38.7 116.1

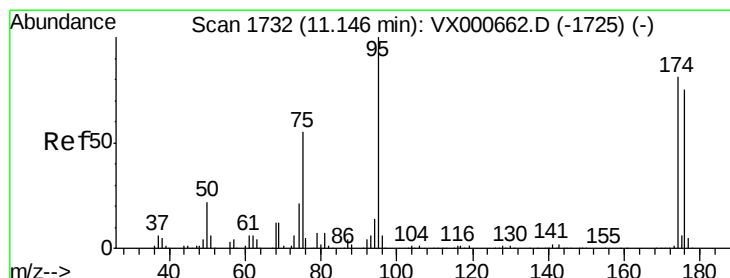
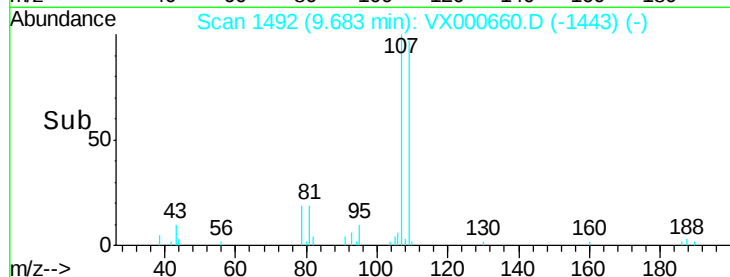
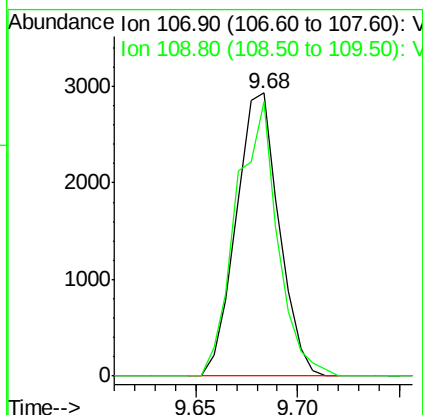
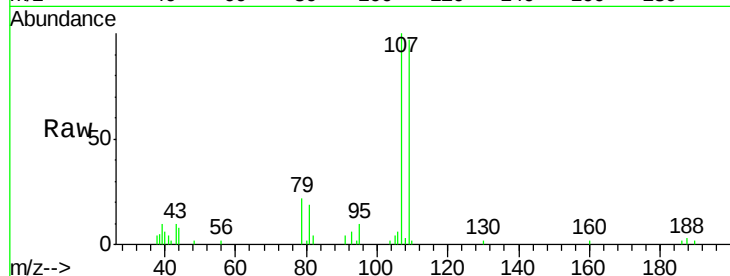




#61
 1,2-Dibromoethane
 Concen: 3.70 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX000660.D
 Acq: 04 Apr 2018 16:27

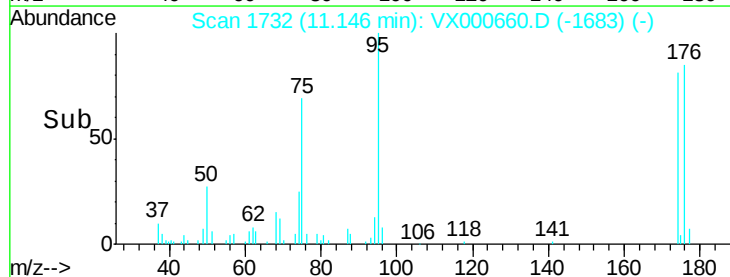
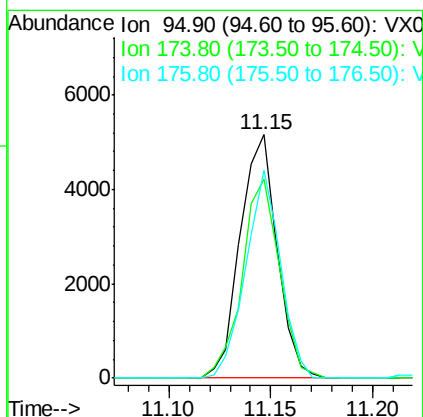
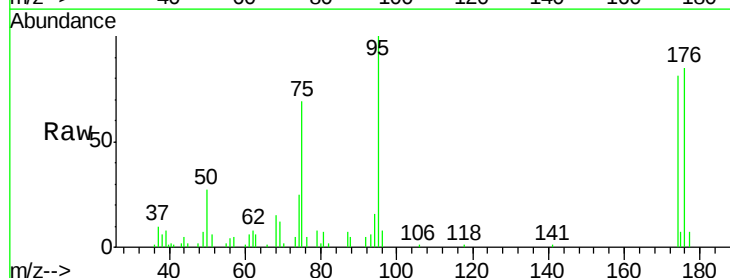
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

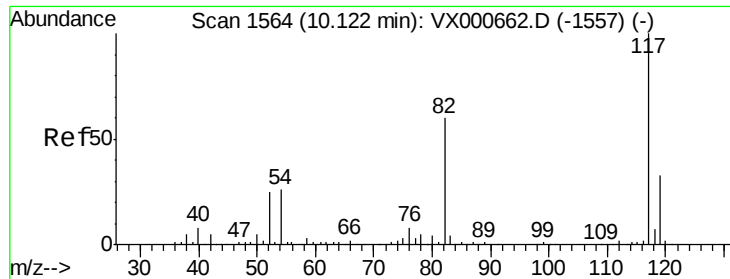
Tot Ion:107 Resp: 4271
 Ion Ratio Lower Upper
 107 100
 109 94.4 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 4.41 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: VX000660.D
 Acq: 04 Apr 2018 16:27

Tgt Ion: 95 Resp: 6468
 Ion Ratio Lower Upper
 95 100
 174 83.0 0.0 156.8
 176 80.6 0.0 150.6

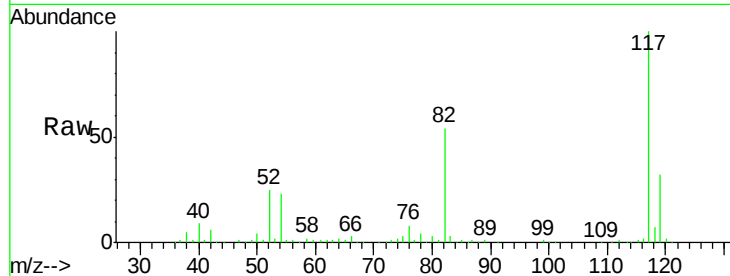




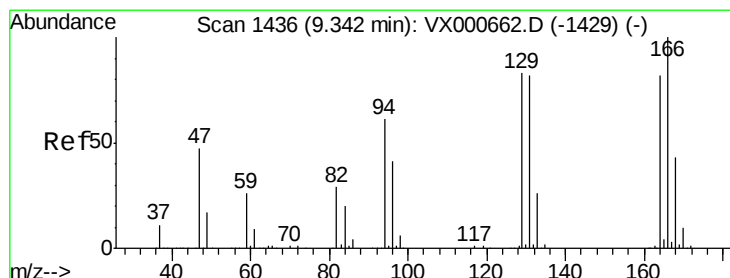
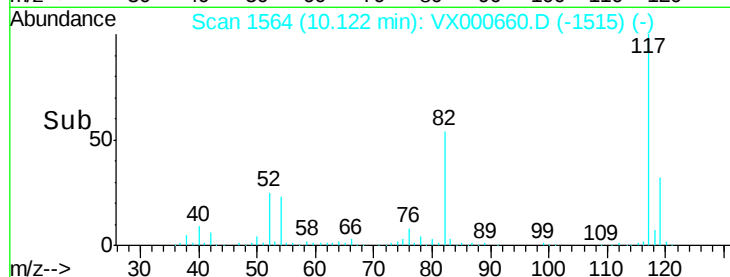
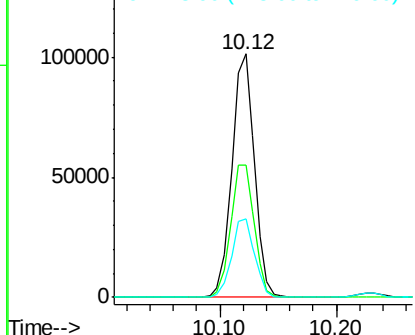
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion:117 Resp: 136053
Ion Ratio Lower Upper
117 100
82 54.4 48.3 72.5
119 32.0 26.0 39.0



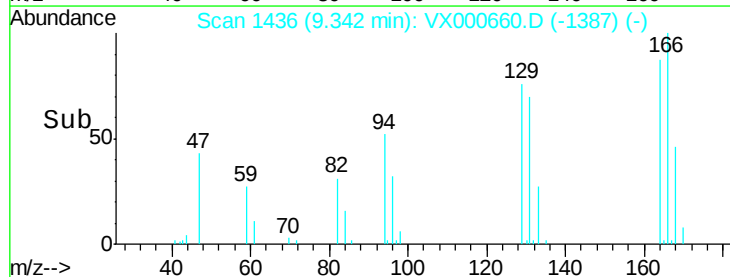
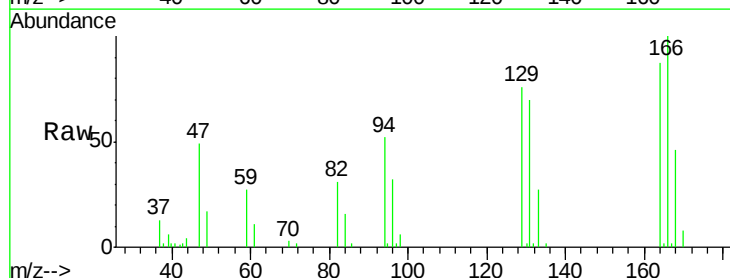
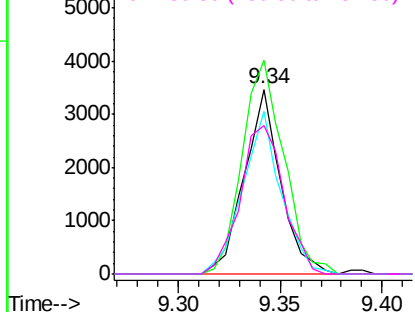
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

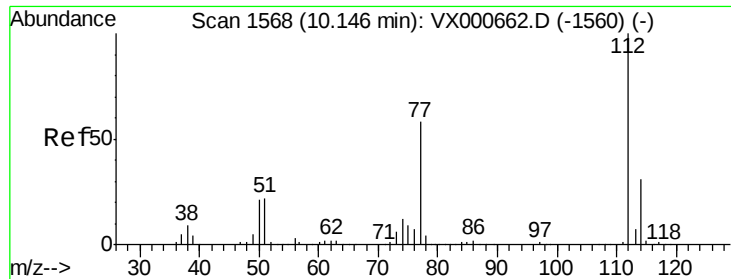


#64
Tetrachloroethene
Concen: 4.19 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

Tgt Ion:164 Resp: 4298
Ion Ratio Lower Upper
164 100
166 115.5 97.8 146.8
129 87.9 81.3 121.9
131 80.5 80.2 120.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 4.20 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

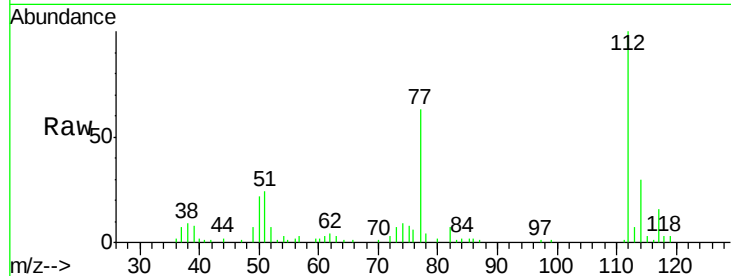
VSTDIC005

Tot Ion:112 Resp: 12450

Ion Ratio Lower Upper

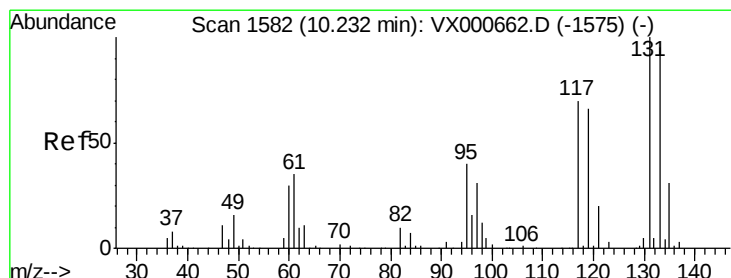
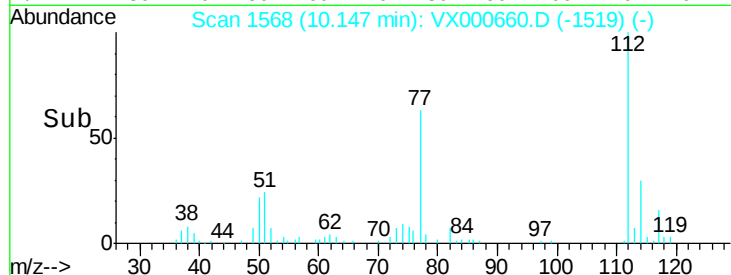
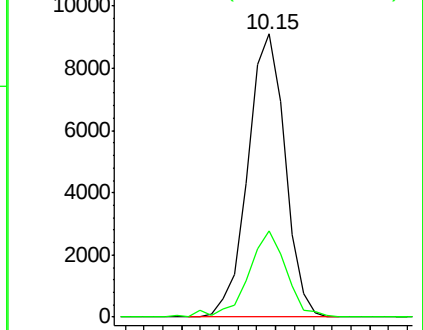
112 100

114 30.4 24.4 36.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 4.04 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

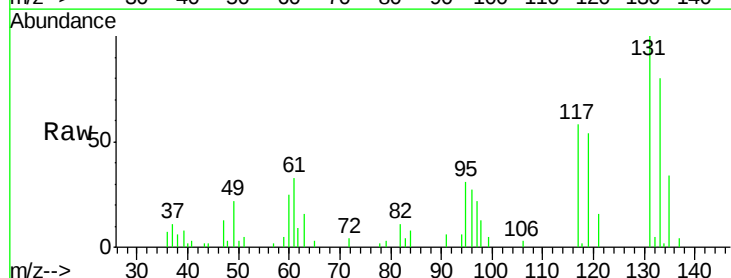
Tgt Ion:131 Resp: 4018

Ion Ratio Lower Upper

131 100

133 93.4 49.0 147.2

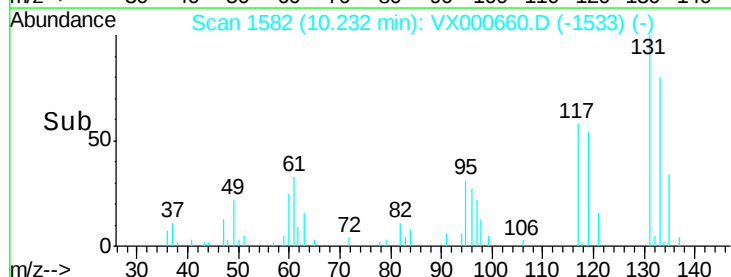
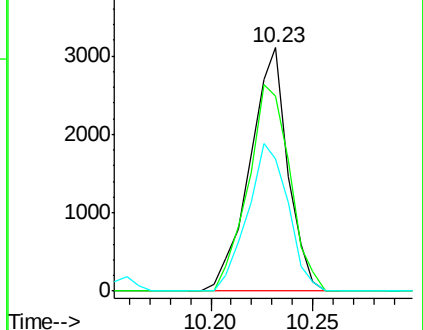
119 64.2 34.9 104.8

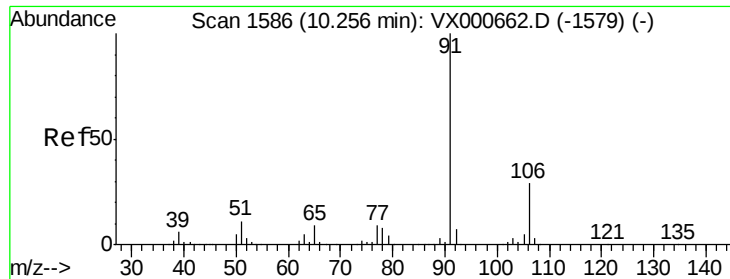


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 4.00 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

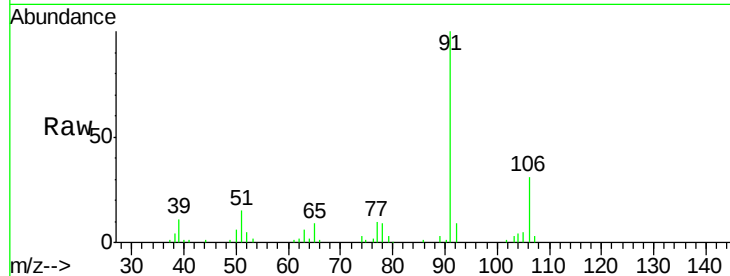
VSTDIC005

Tot Ion: 91 Resp: 20247

Ion Ratio Lower Upper

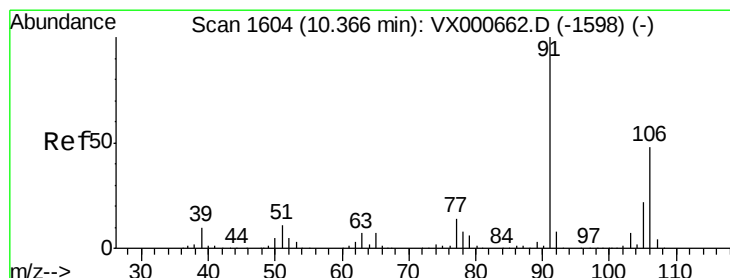
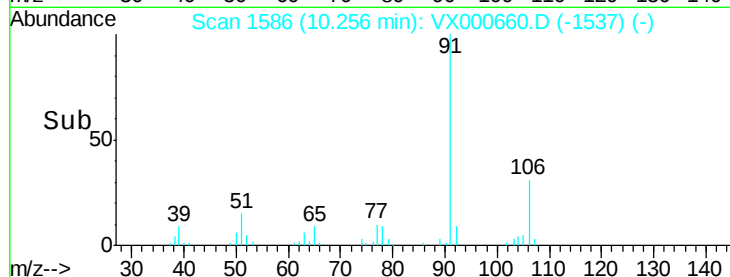
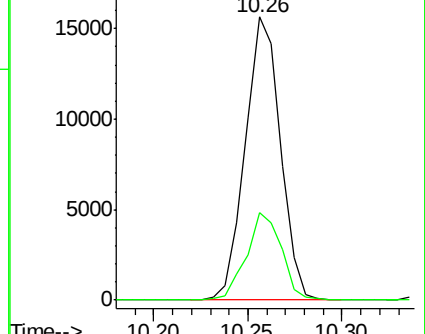
91 100

106 30.8 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 7.99 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000660.D

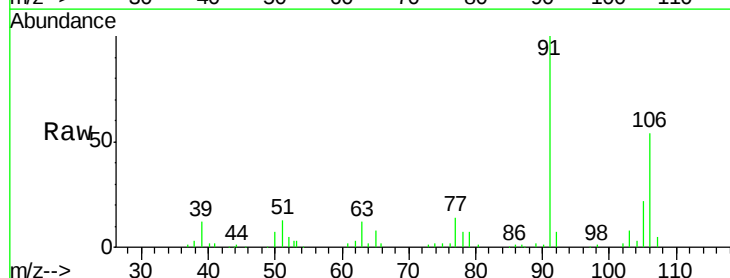
Acq: 04 Apr 2018 16:27

Tgt Ion: 106 Resp: 15861

Ion Ratio Lower Upper

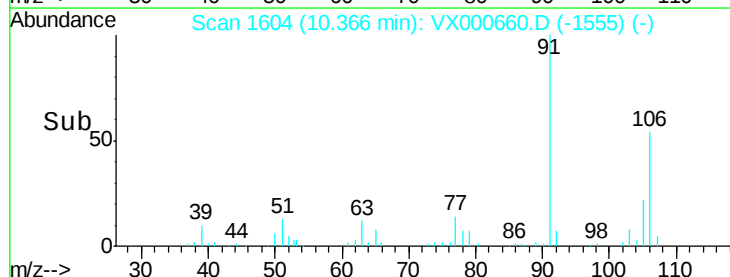
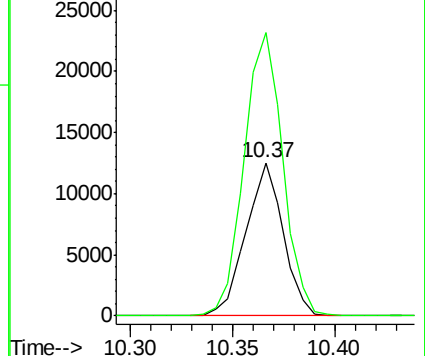
106 100

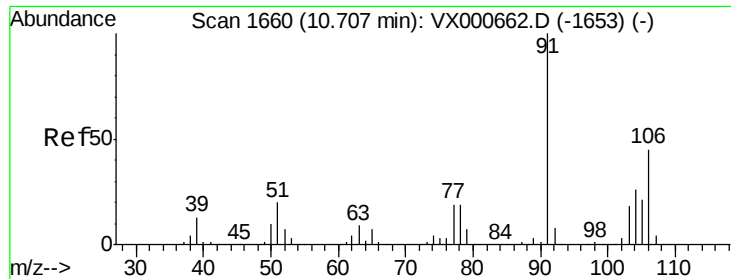
91 193.1 167.0 250.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

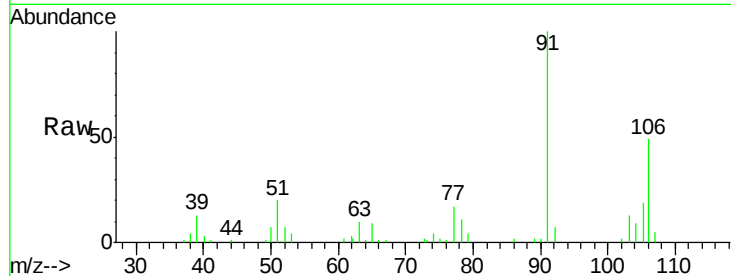




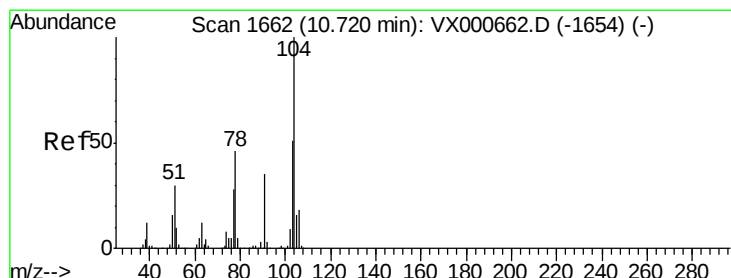
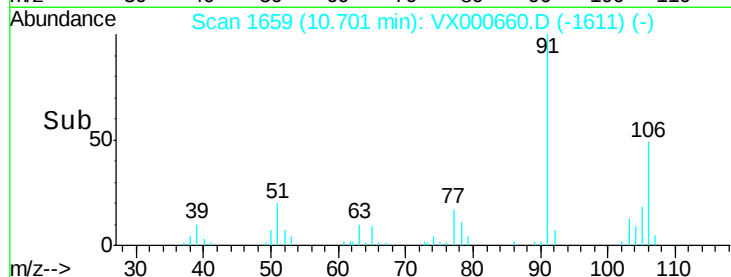
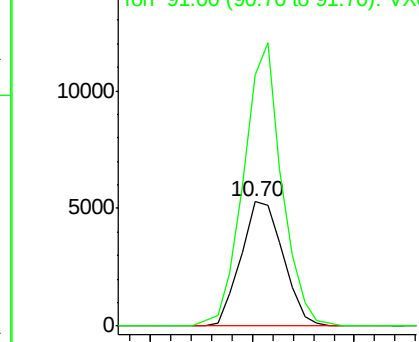
#69
o-Xylene
Concen: 3.96 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion:106 Resp: 7586
Ion Ratio Lower Upper
106 100
91 205.5 111.6 334.6

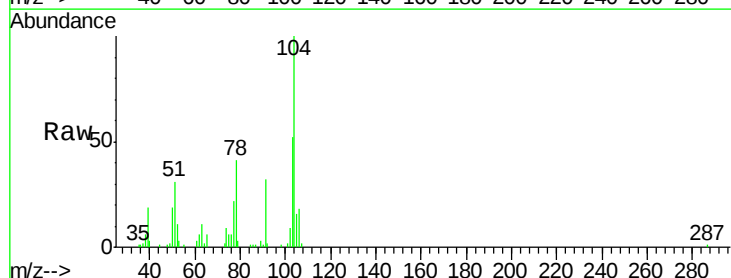


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

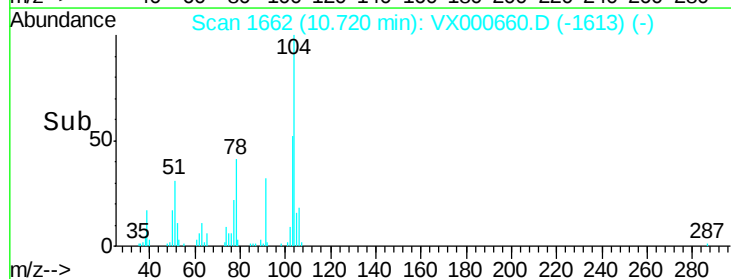
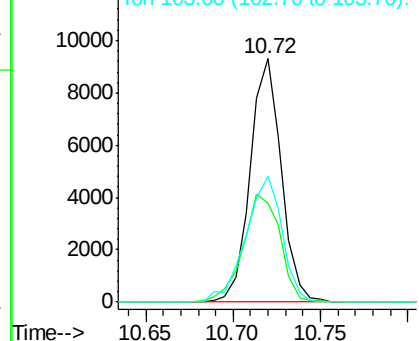


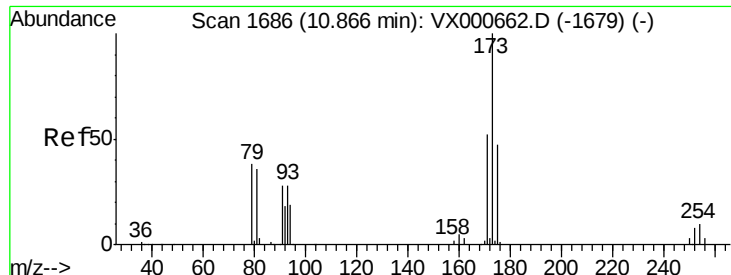
#70
Styrene
Concen: 3.61 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

Tgt Ion:104 Resp: 11495
Ion Ratio Lower Upper
104 100
78 53.1 41.9 62.9
103 60.1 45.3 67.9



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: 3.14 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

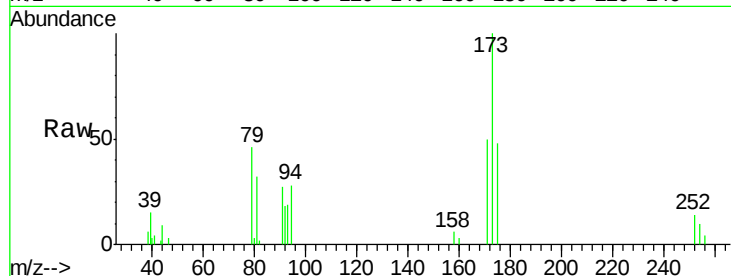
Tot Ion:173 Resp: 2784

Ion Ratio Lower Upper

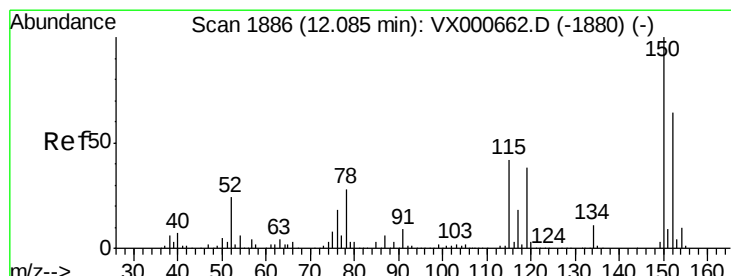
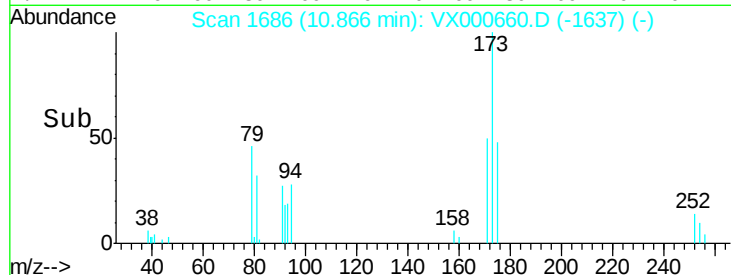
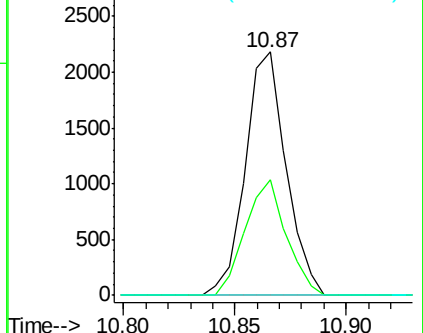
173 100

175 47.9 24.0 72.0

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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

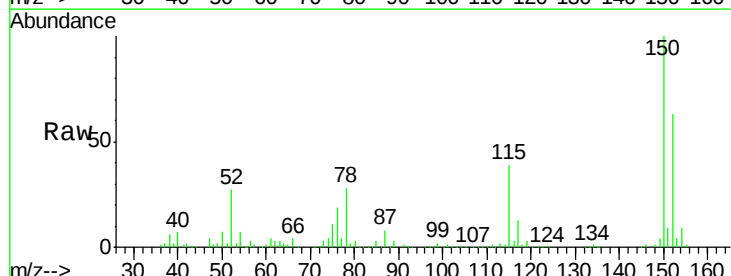
Tgt Ion:152 Resp: 72693

Ion Ratio Lower Upper

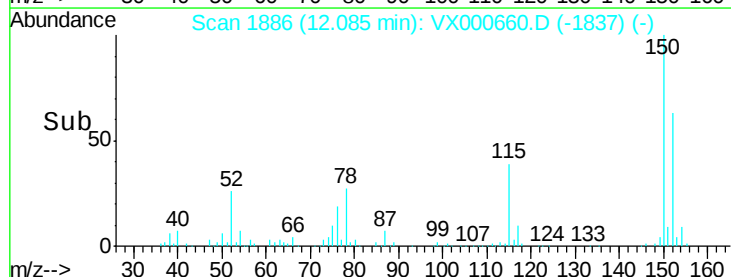
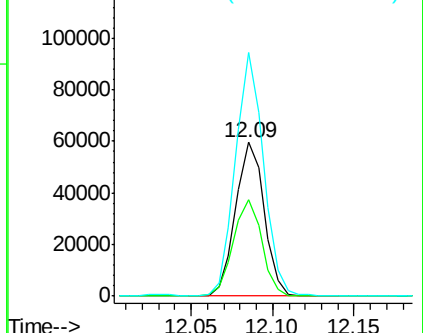
152 100

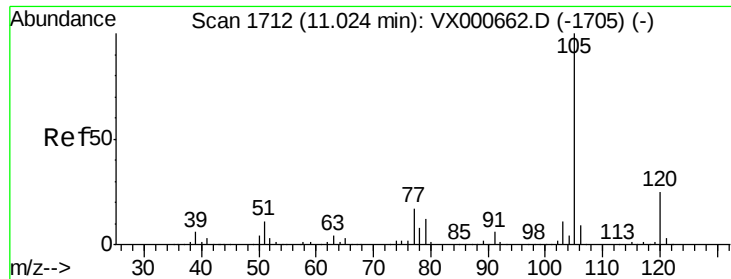
115 63.0 41.9 125.8

150 156.1 0.0 348.0



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: 4.07 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

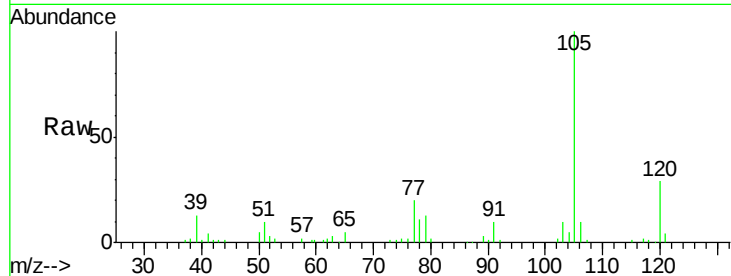
VSTDIC005

Tot Ion:105 Resp: 19041

Ion Ratio Lower Upper

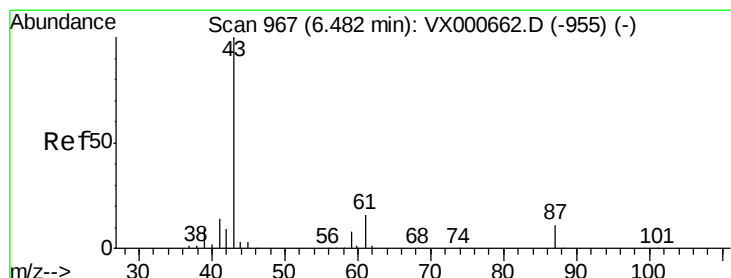
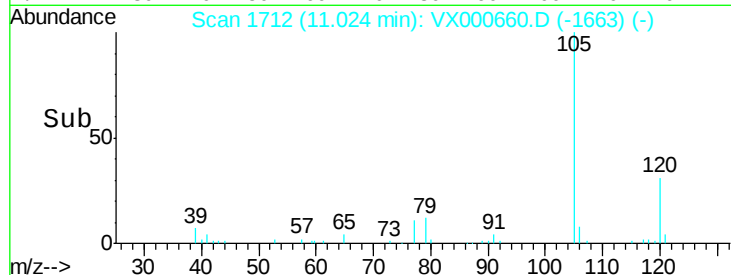
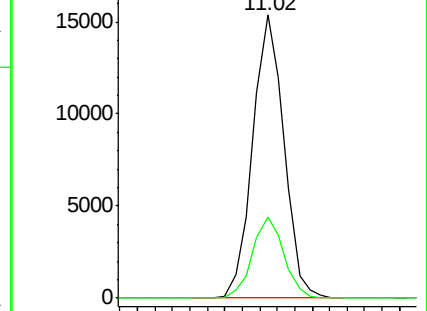
105 100

120 28.8 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.84 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Tgt Ion: 43 Resp: 11408

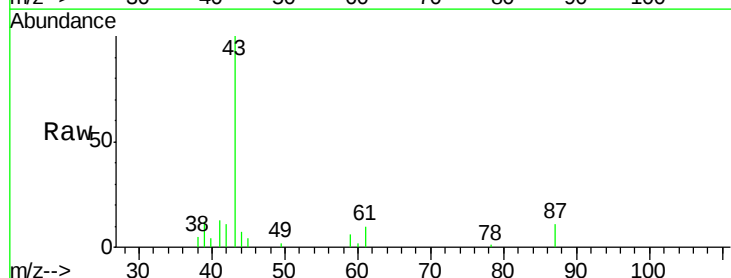
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 10.5 13.4 20.2#

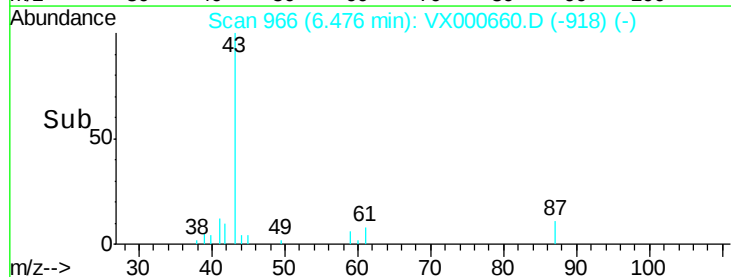
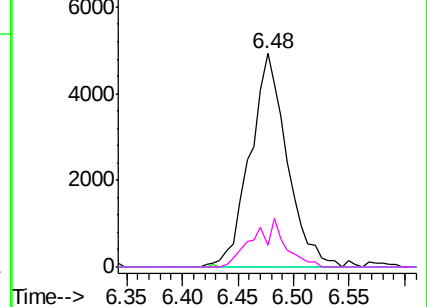


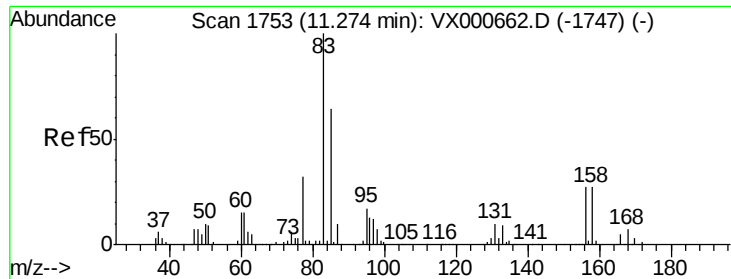
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 4.32 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

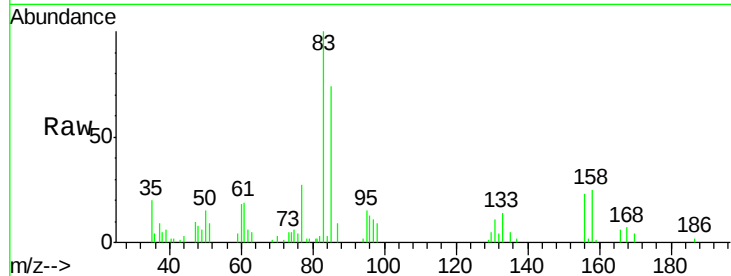
Tot Ion: 83 Resp: 7218

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.7	14.1
85	69.0	32.0	96.0

83 100

131 9.6 4.7 14.1

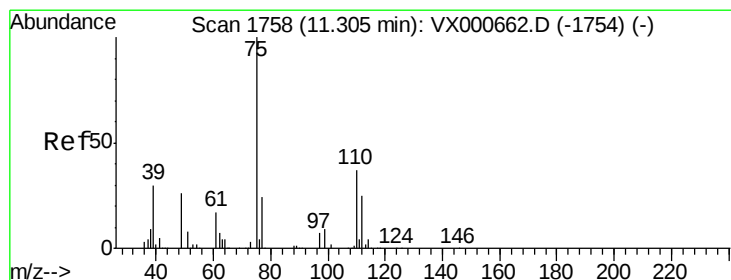
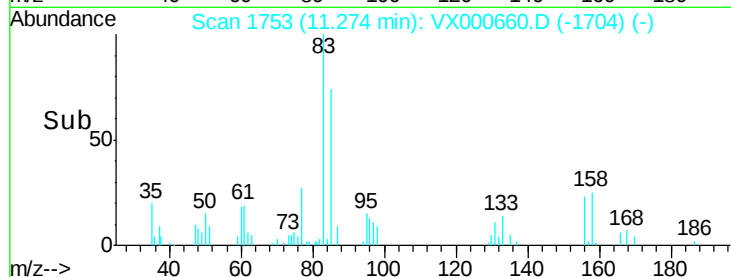
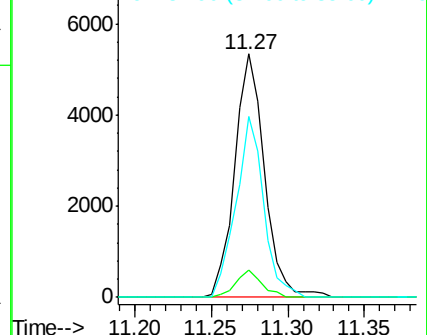
85 69.0 32.0 96.0



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: 5.48 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX000660.D

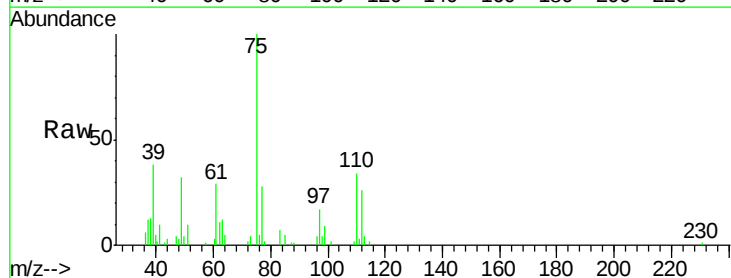
Acq: 04 Apr 2018 16:27

Tgt Ion: 75 Resp: 8420

Ion	Ratio	Lower	Upper
75	100		
77	29.6	20.2	60.6

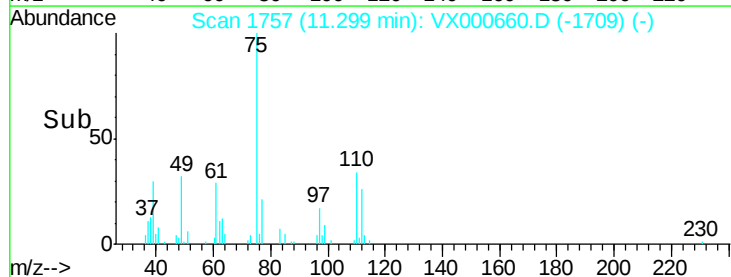
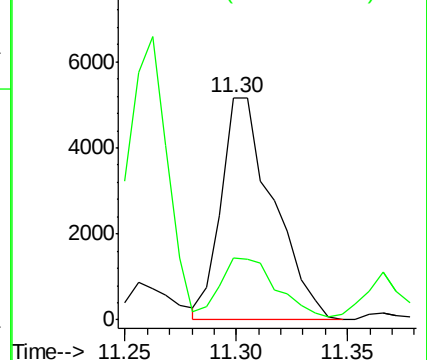
75 100

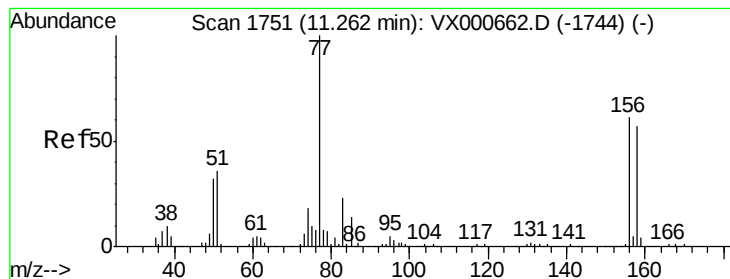
77 29.6 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 3.69 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

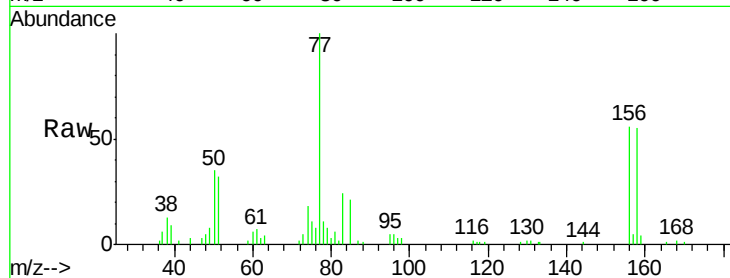
Tot Ion:156 Resp: 4584

Ion Ratio Lower Upper

156 100

77 180.3 82.3 246.9

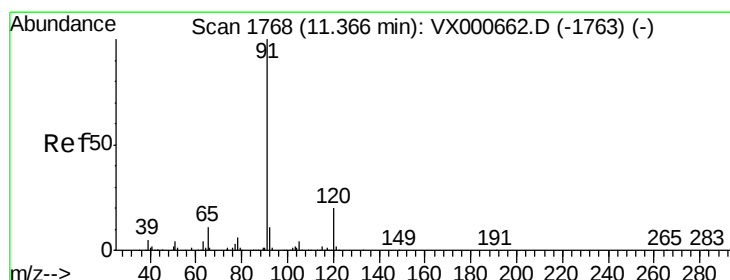
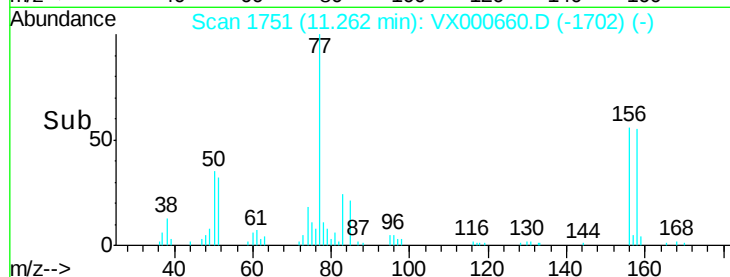
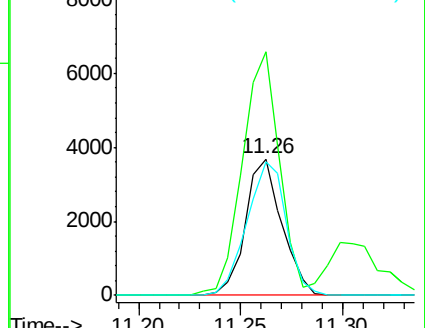
158 105.6 46.9 140.7



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: 4.28 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000660.D

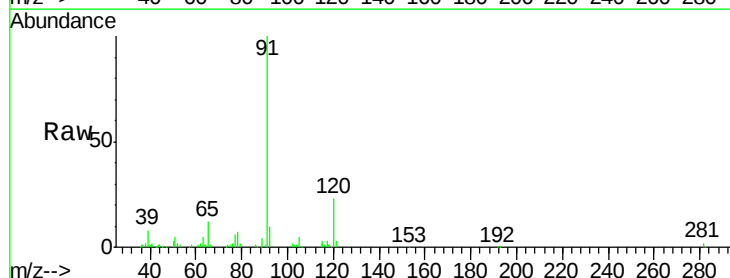
Acq: 04 Apr 2018 16:27

Tgt Ion: 91 Resp: 24102

Ion Ratio Lower Upper

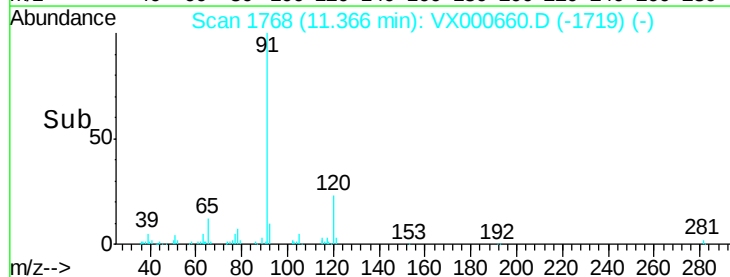
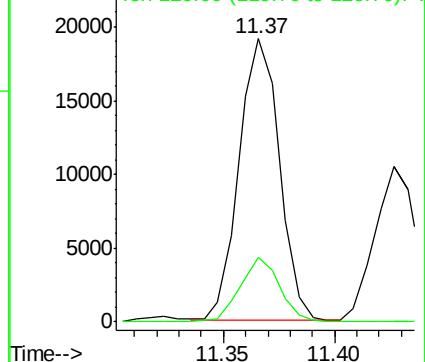
91 100

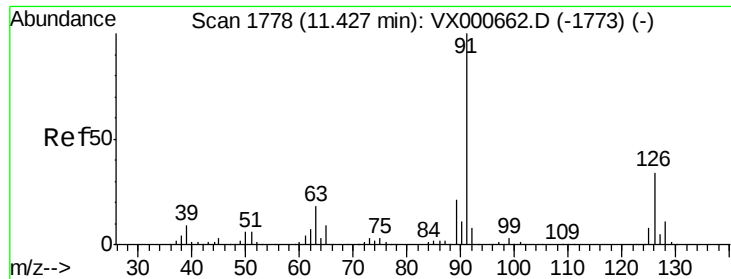
120 22.5 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

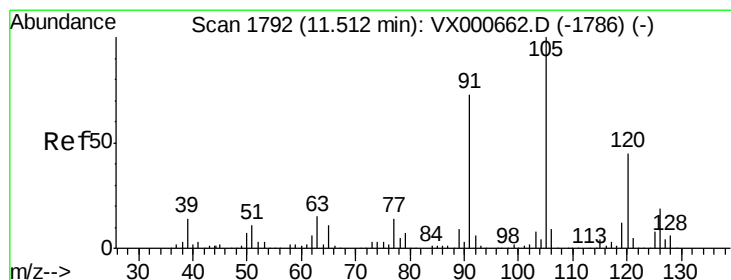
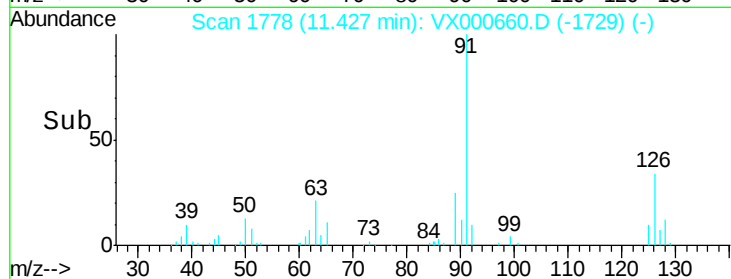
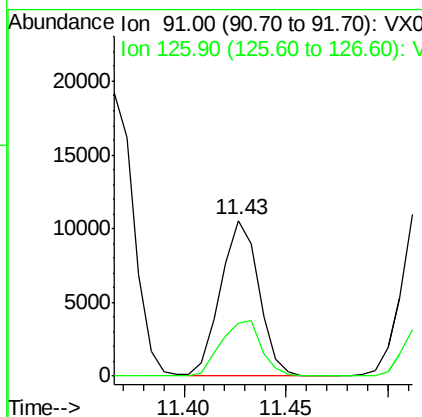
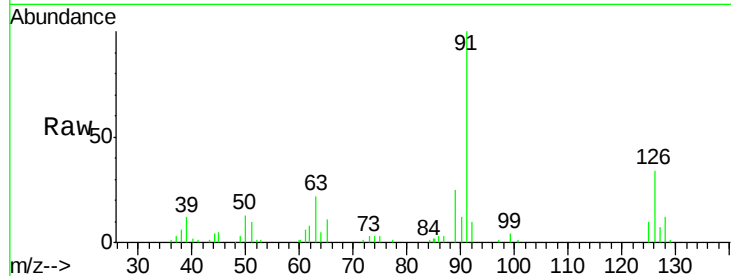




#79
 2-Chlorotoluene
 Concen: 4.22 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX000660.D
 Acq: 04 Apr 2018 16:27

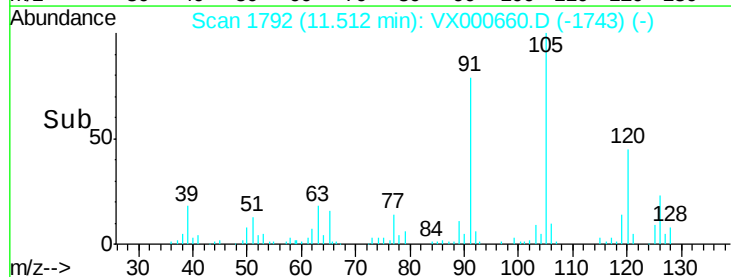
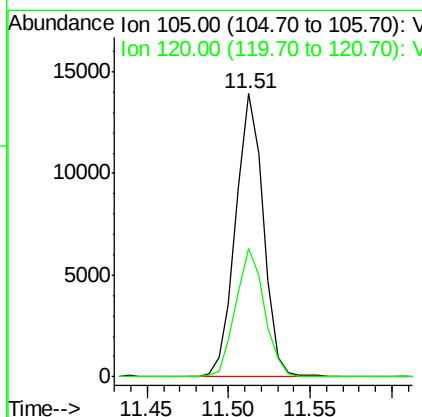
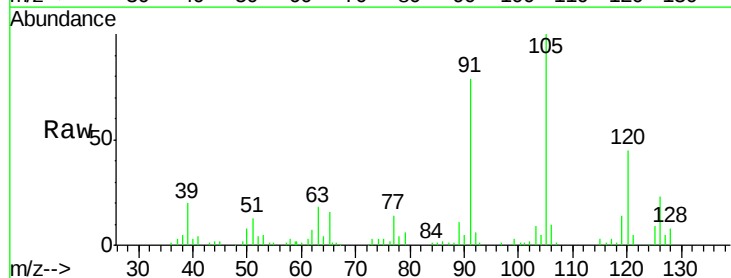
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

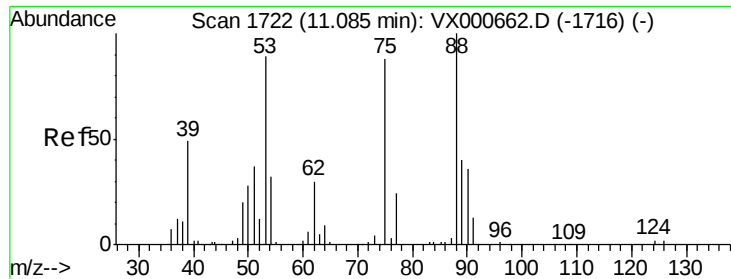
Tot Ion: 91 Resp: 13708
 Ion Ratio Lower Upper
 91 100
 126 37.4 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 4.17 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000660.D
 Acq: 04 Apr 2018 16:27

Tgt Ion: 105 Resp: 16511
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 3.57 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.01 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

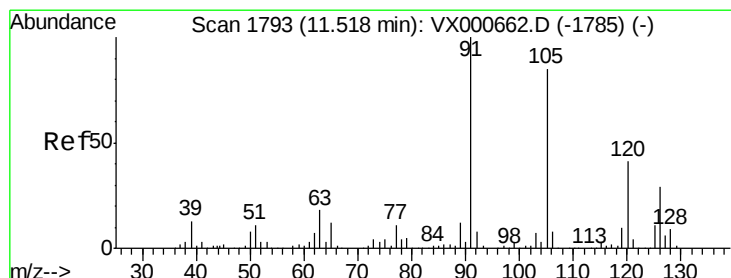
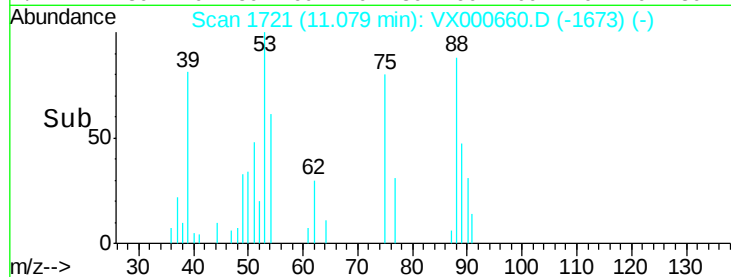
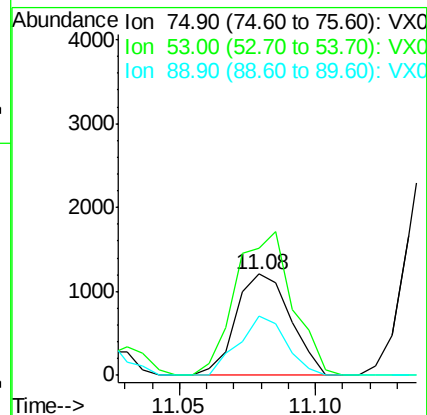
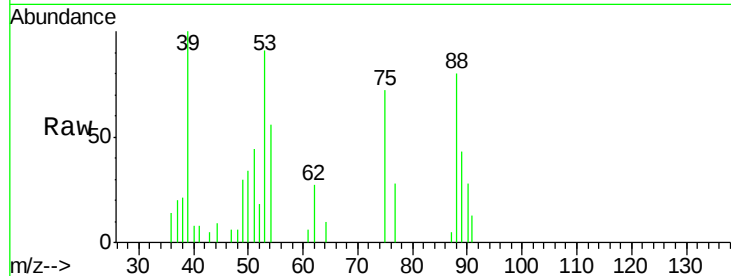
Tot Ion: 75 Resp: 1671

Ion Ratio Lower Upper

75 100

53 148.1 85.7 128.5#

89 51.4 36.3 54.5



#82

4-Chlorotoluene

Concen: 4.33 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000660.D

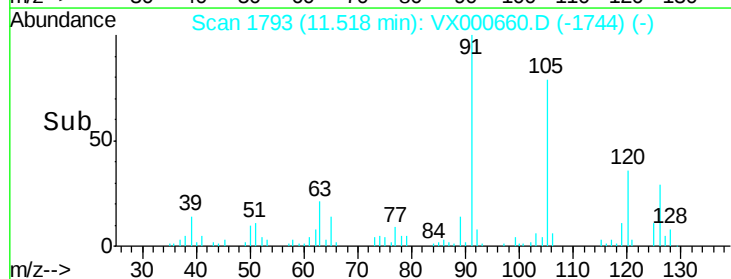
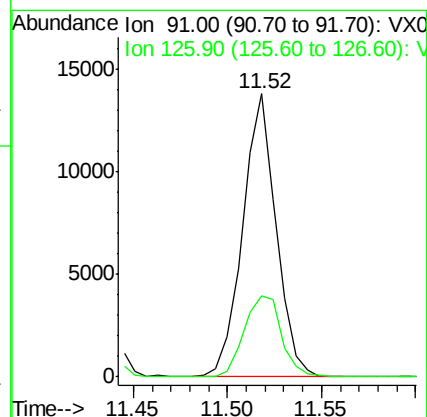
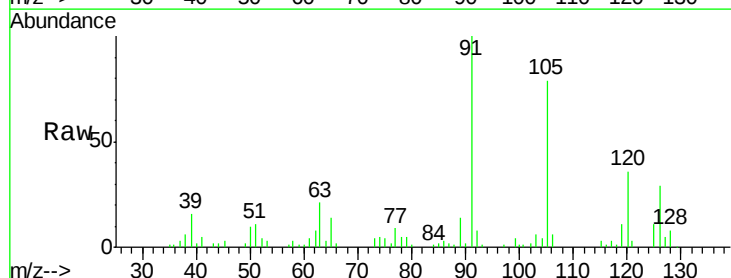
Acq: 04 Apr 2018 16:27

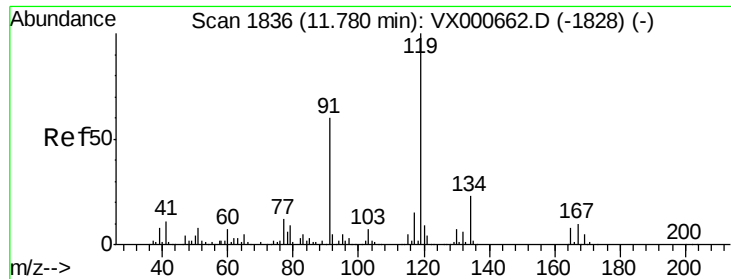
Tgt Ion: 91 Resp: 16967

Ion Ratio Lower Upper

91 100

126 31.8 14.8 44.3

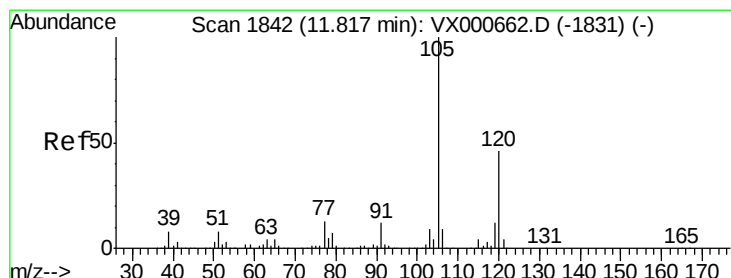
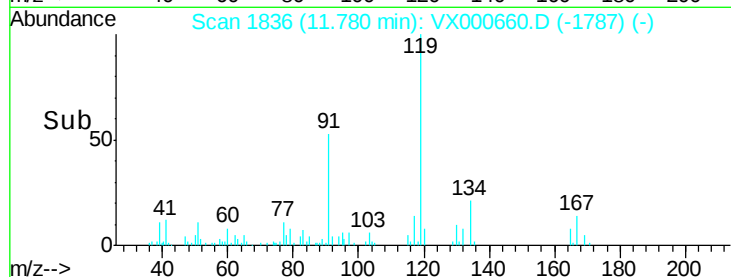
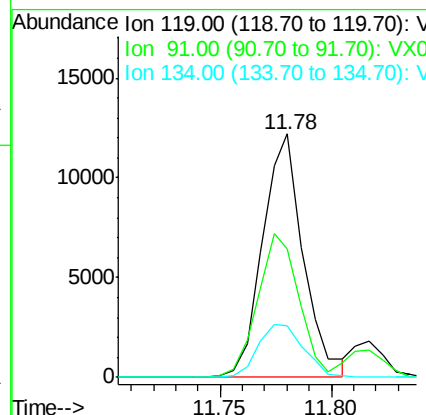
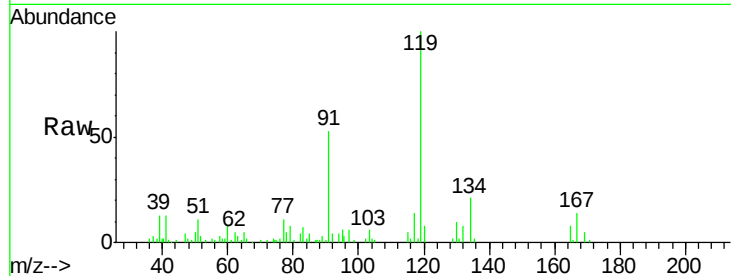




#83
tert-Butylbenzene
Concen: 3.92 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

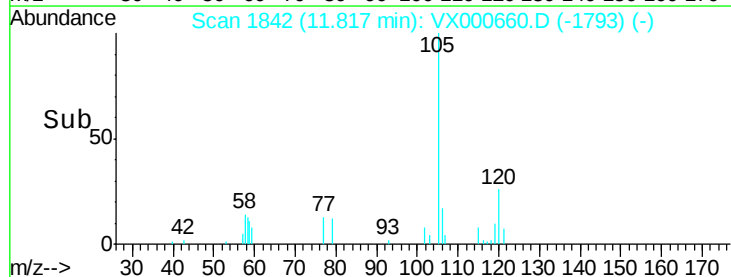
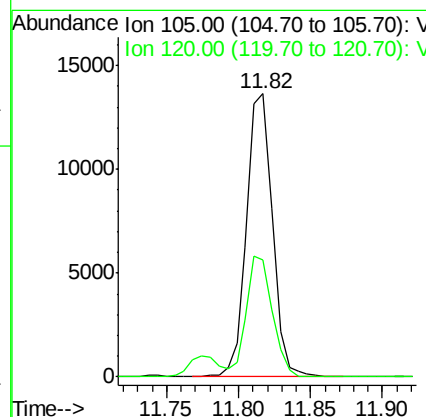
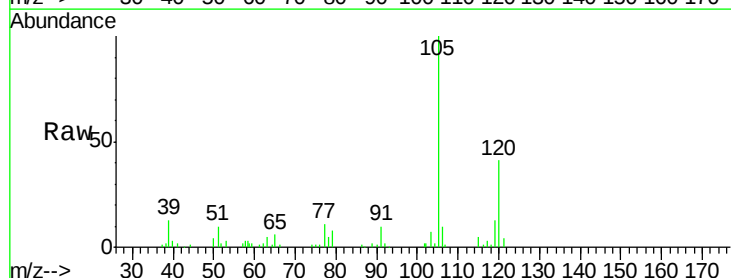
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

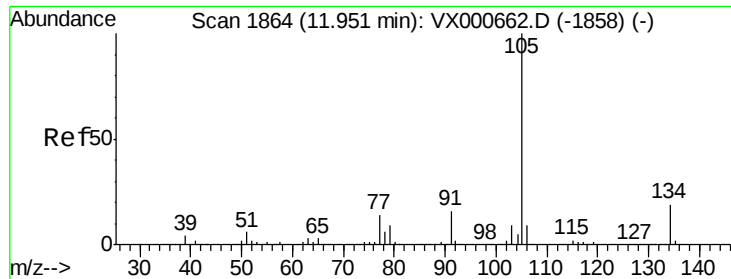
Tot Ion:119 Resp: 15551
Ion Ratio Lower Upper
119 100
91 59.7 30.9 92.8
134 24.3 11.1 33.3



#84
1,2,4-Trimethylbenzene
Concen: 4.10 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000660.D
Acq: 04 Apr 2018 16:27

Tgt Ion:105 Resp: 17031
Ion Ratio Lower Upper
105 100
120 42.4 21.6 65.0





#85

sec-Butylbenzene

Concen: 4.11 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.01 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

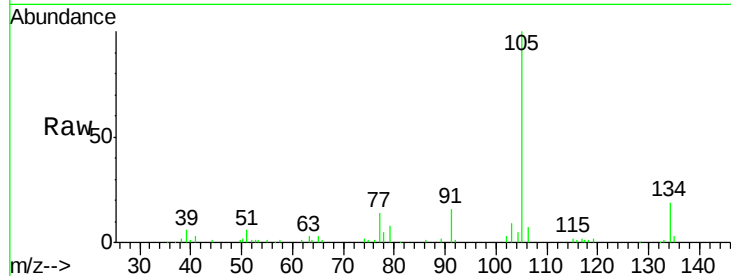
VSTDIC005

Tot Ion:105 Resp: 20280

Ion Ratio Lower Upper

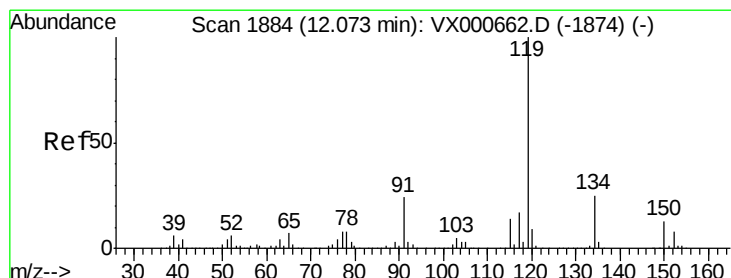
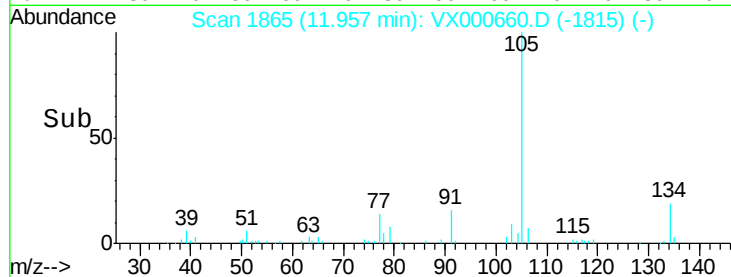
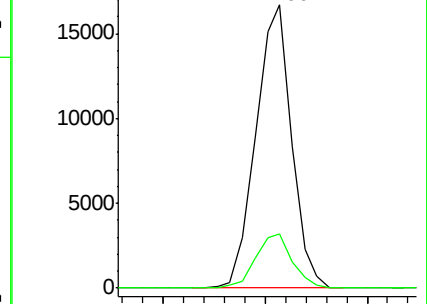
105 100

134 19.8 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 3.98 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

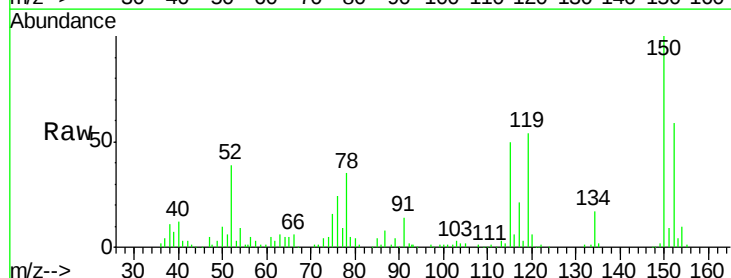
Tgt Ion:119 Resp: 17482

Ion Ratio Lower Upper

119 100

134 28.2 12.9 38.6

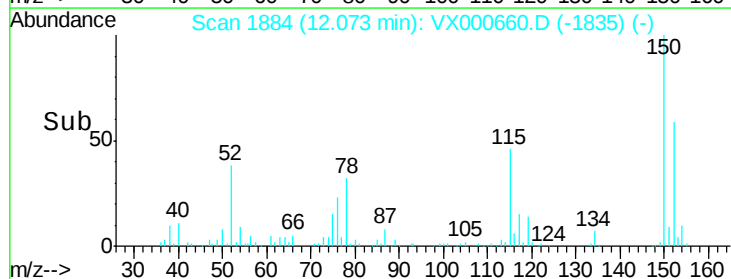
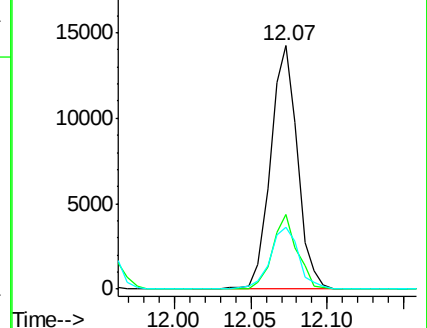
91 27.1 12.6 37.6

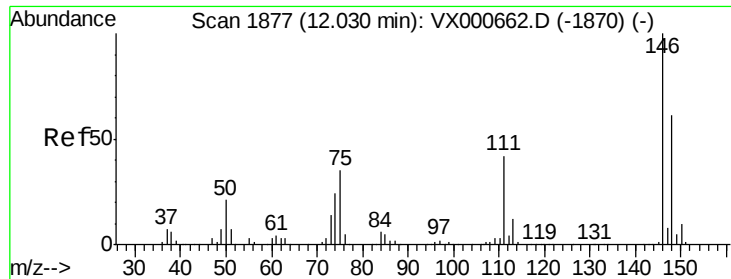


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

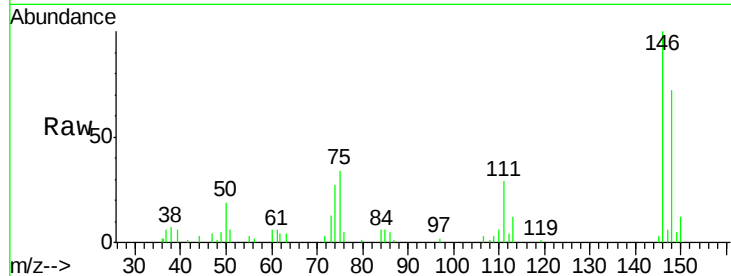




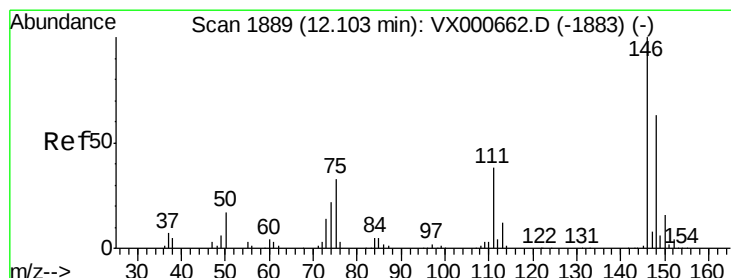
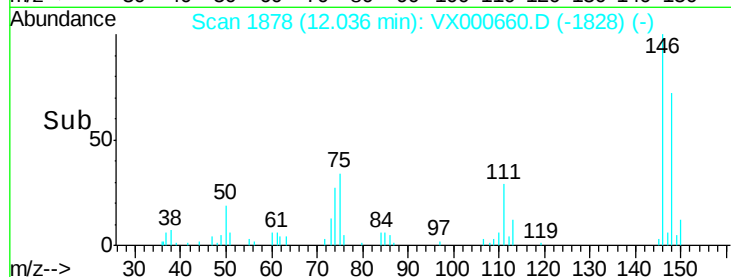
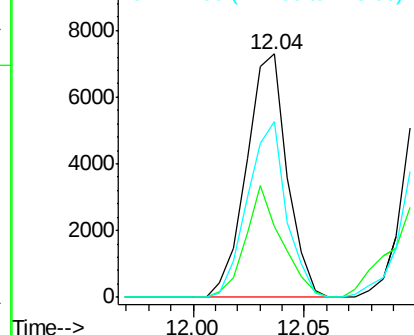
#87
 1,3-Dichlorobenzene
 Concen: 3.94 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VX000660.D
 Acq: 04 Apr 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:146 Resp: 9293
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.2 60.6
 148 68.8 31.0 93.0

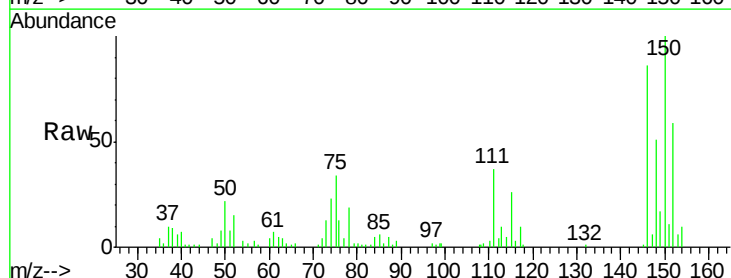


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

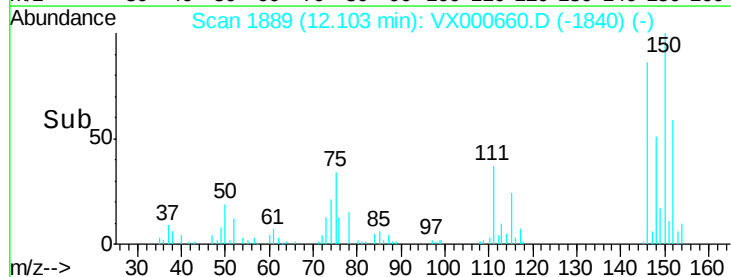
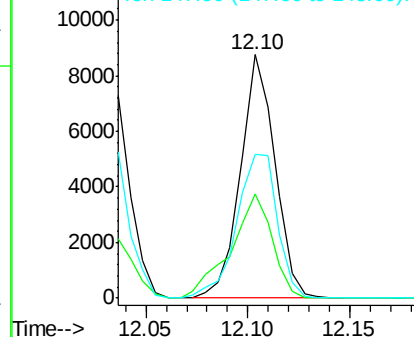


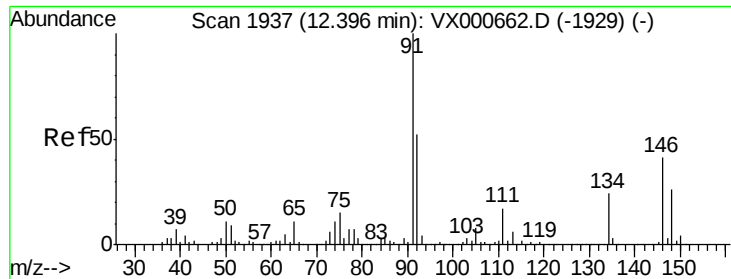
#88
 1,4-Dichlorobenzene
 Concen: 4.13 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX000660.D
 Acq: 04 Apr 2018 16:27

Tgt Ion:146 Resp: 10276
 Ion Ratio Lower Upper
 146 100
 111 51.1 20.1 60.3
 148 69.5 31.8 95.4



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: 4.52 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

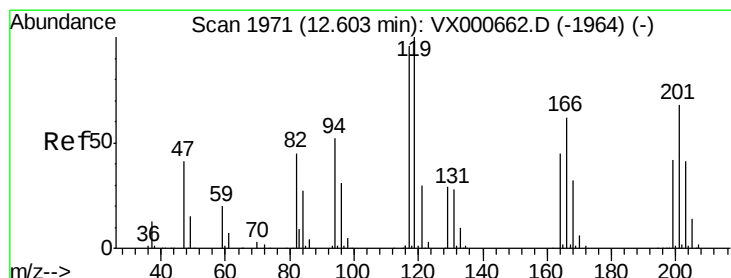
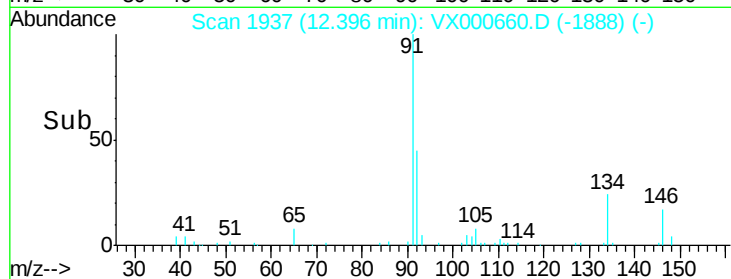
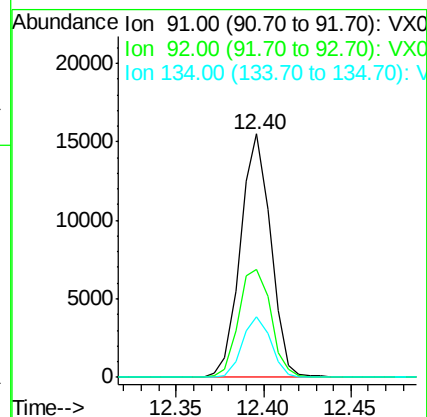
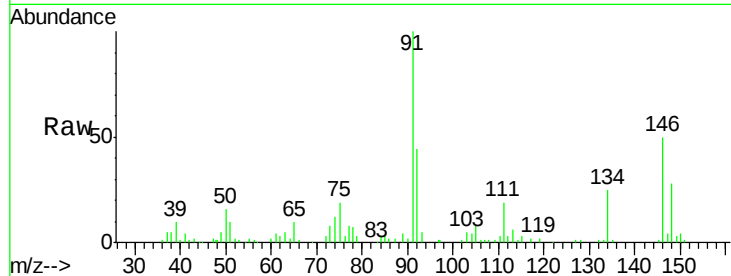
Tot Ion: 91 Resp: 18710

Ion Ratio Lower Upper

91 100

92 47.5 25.9 77.8

134 23.7 12.2 36.6



#90

Hexachloroethane

Concen: 4.06 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000660.D

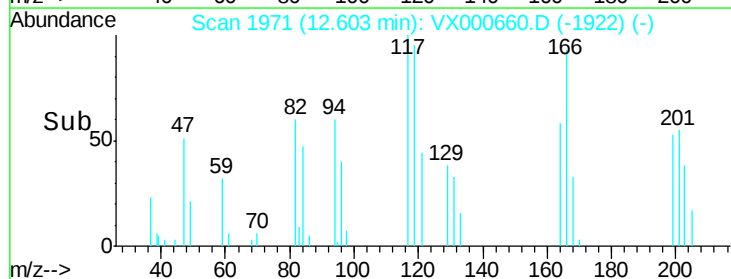
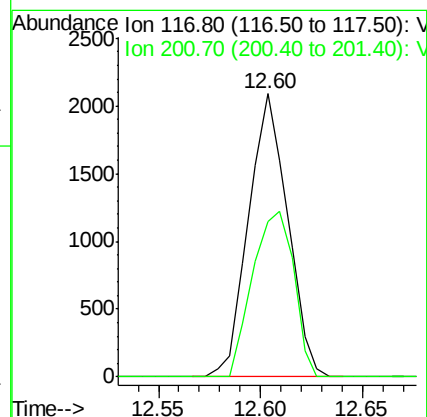
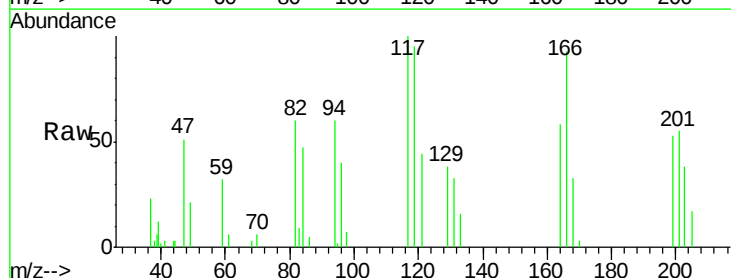
Acq: 04 Apr 2018 16:27

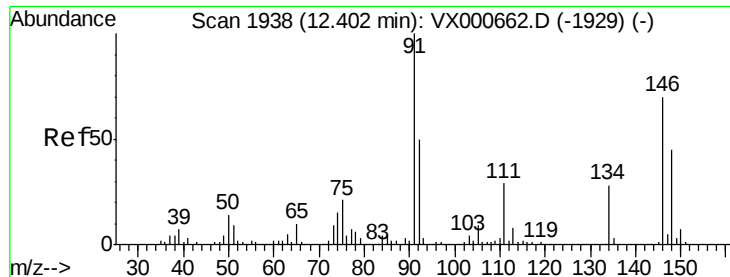
Tgt Ion: 117 Resp: 2780

Ion Ratio Lower Upper

117 100

201 61.8 33.9 101.6

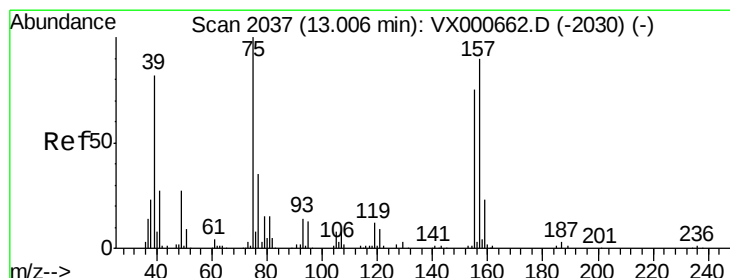
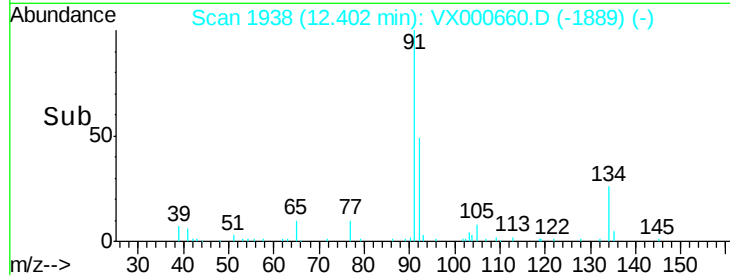
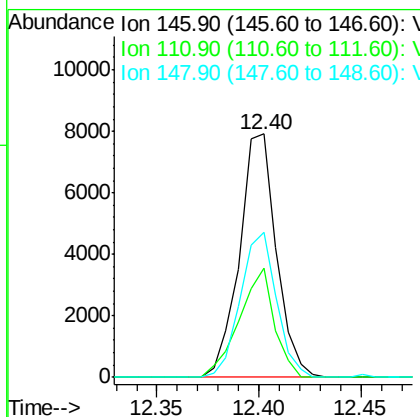
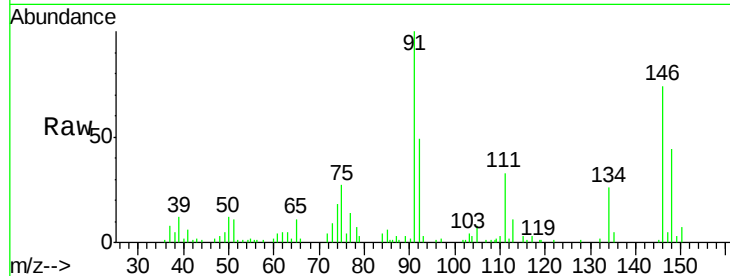




#91
 1,2-Dichlorobenzene
 Concen: 4.29 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000660.D
 Acq: 04 Apr 2018 16:27

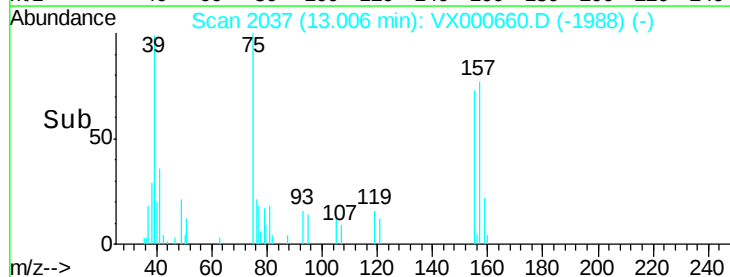
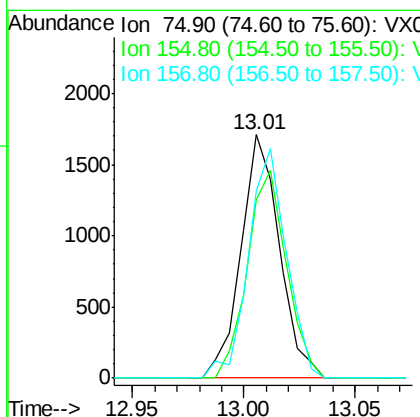
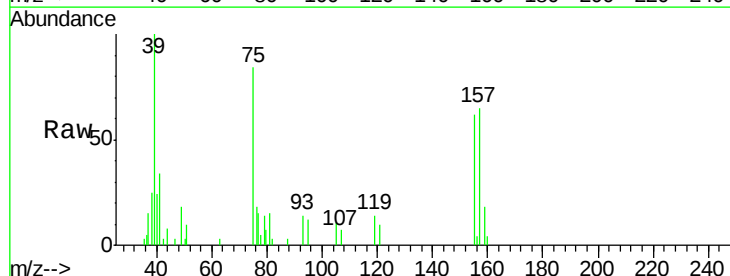
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

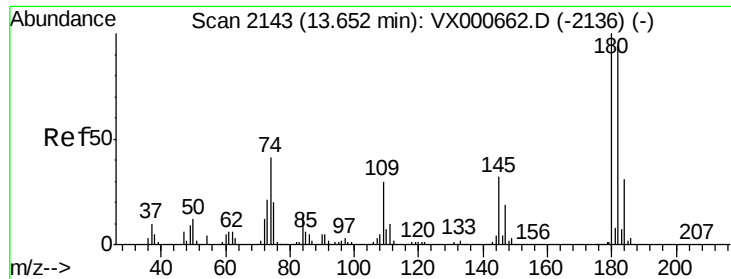
Tot Ion:146 Resp: 9942
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.3 63.7
 148 58.2 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.38 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000660.D
 Acq: 04 Apr 2018 16:27

Tgt Ion: 75 Resp: 2062
 Ion Ratio Lower Upper
 75 100
 155 86.8 38.9 116.7
 157 93.1 49.1 147.3

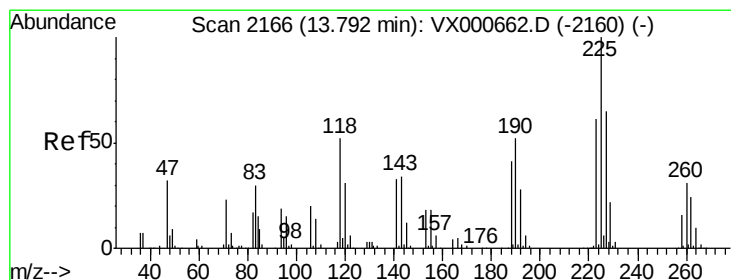
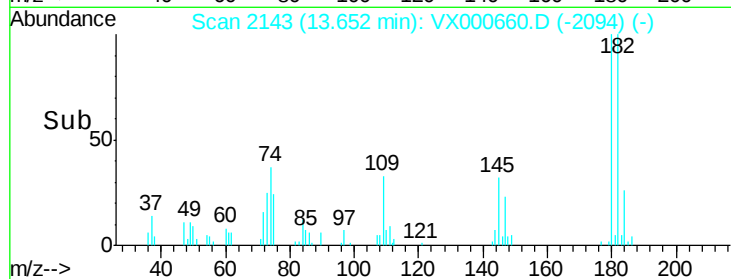
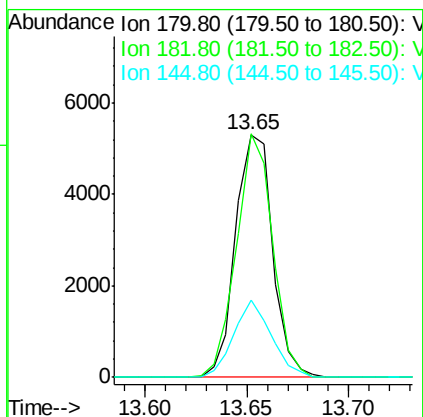
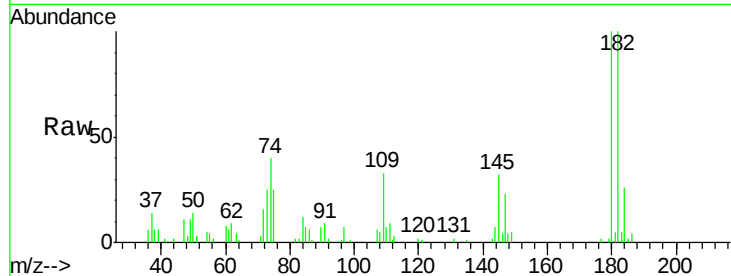




#93
 1,2,4-Trichlorobenzene
 Concen: 4.03 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000660.D
 Acq: 04 Apr 2018 16:27

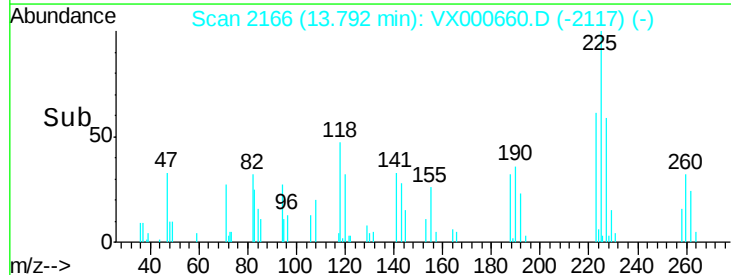
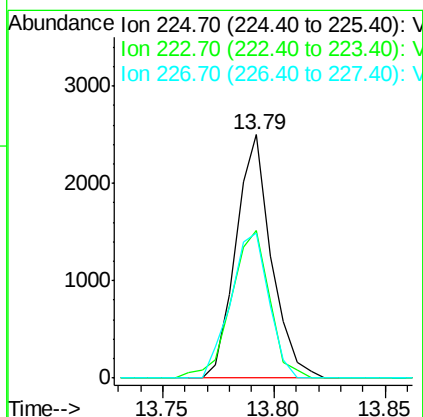
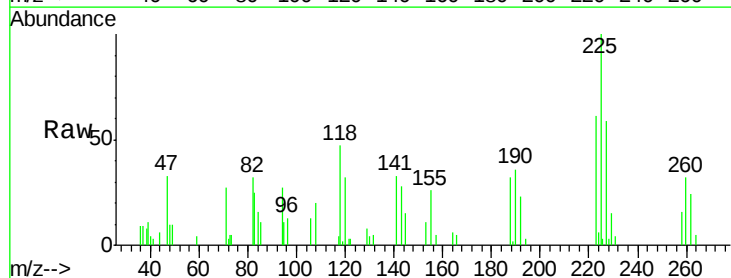
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

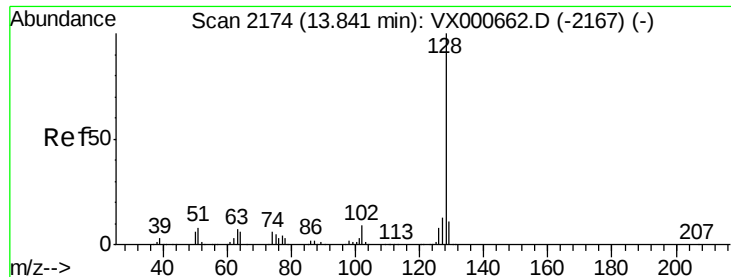
Tot Ion:180 Resp: 6681
 Ion Ratio Lower Upper
 180 100
 182 98.2 47.4 142.2
 145 32.1 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 4.11 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000660.D
 Acq: 04 Apr 2018 16:27

Tgt Ion:225 Resp: 2776
 Ion Ratio Lower Upper
 225 100
 223 65.8 31.4 94.0
 227 63.9 32.7 98.1





#95

Naphthalene

Concen: 4.03 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

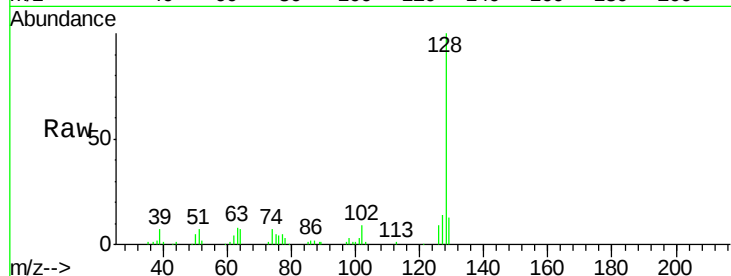
Tot Ion:128 Resp: 23303

Ion Ratio Lower Upper

128 100

127 14.3 10.6 16.0

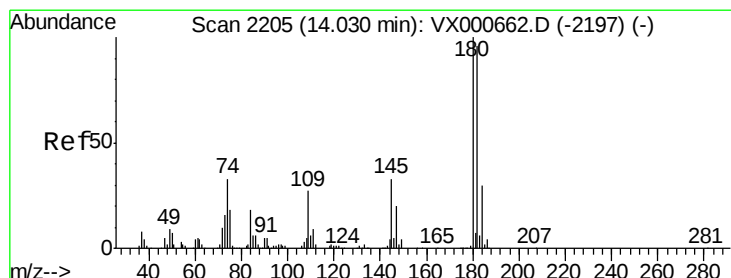
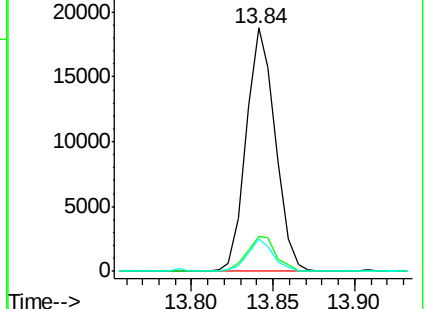
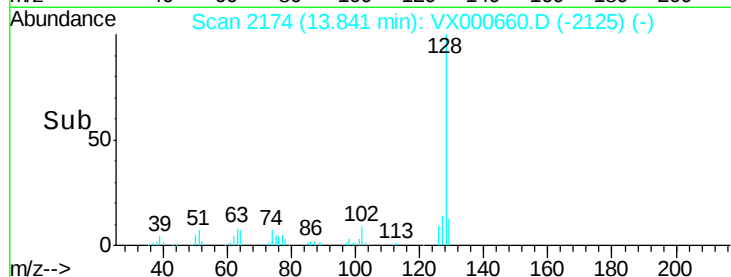
129 11.6 8.9 13.3



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: 4.30 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000660.D

Acq: 04 Apr 2018 16:27

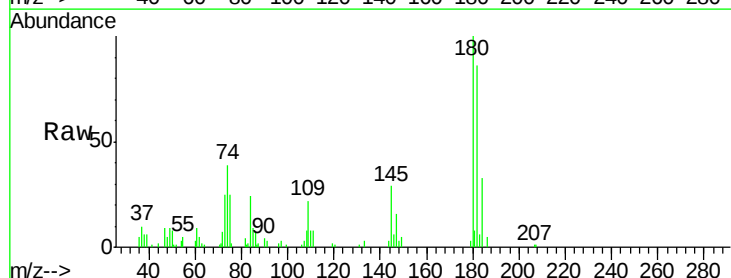
Tgt Ion:180 Resp: 7022

Ion Ratio Lower Upper

180 100

182 89.0 47.2 141.6

145 30.1 16.8 50.4



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

