

Data Path : W:\HPCHEM1\MSVOA_X\Data\VX040718\
 Data File : VX000709.D
 Acq On : 07 Apr 2018 11:13
 Operator : JC/MD
 Sample : VSTDICCC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC001

Quant Time: Apr 07 16:39:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 16:39:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	393960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	547731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	501201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	289982	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	5604	1.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.58%	
35) Dibromofluoromethane	5.51	113	3674	1.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.06%	
50) Toluene-d8	8.72	98	14873	1.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.26%	
62) 4-Bromofluorobenzene	11.14	95	6405	1.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	3828	1.08	ug/l	99
3) Chloromethane	1.32	50	4068	1.40	ug/l	98
4) Vinyl Chloride	1.40	62	3815	1.26	ug/l	97
5) Bromomethane	1.65	94	3338	1.99	ug/l	83
6) Chloroethane	1.73	64	2401	1.30	ug/l #	81
7) Trichlorofluoromethane	1.93	101	6309	1.27	ug/l	94
8) Diethyl Ether	2.19	74	2769	1.49	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.40	101	3538	1.22	ug/l	95
10) Methyl Iodide	2.51	142	1479	0.47	ug/l #	61
11) Tert butyl alcohol	3.06	59	4492	5.54	ug/l #	94
12) 1,1-Dichloroethene	2.37	96	3316	1.27	ug/l	92
13) Acrolein	2.29	56	1911	6.10	ug/l #	70
14) Allyl chloride	2.73	41	6942	1.33	ug/l	99
15) Acrylonitrile	3.15	53	8673	5.34	ug/l	98
16) Acetone	2.45	43	8623	6.33	ug/l	91
17) Carbon Disulfide	2.57	76	9479	1.52	ug/l	100
18) Methyl Acetate	2.78	43	4317	1.00	ug/l	91
19) Methyl tert-butyl Ether	3.21	73	11279	1.11	ug/l	100
20) Methylene Chloride	2.86	84	7384	2.47	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	3376	1.20	ug/l	96
22) Diisopropyl ether	3.87	45	12345	1.15	ug/l #	97
23) Vinyl Acetate	3.83	43	47288	5.05	ug/l	100
24) 1,1-Dichloroethane	3.70	63	6448	1.15	ug/l	97
25) 2-Butanone	4.71	43	13646	5.44	ug/l	96
26) 2,2-Dichloropropane	4.60	77	6880	1.24	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	4394	1.22	ug/l	92
28) Bromochloromethane	5.03	49	3228	1.30	ug/l #	91
29) Tetrahydrofuran	5.18	42	8824	5.51	ug/l	94
30) Chloroform	5.22	83	7145	1.19	ug/l	98
31) Cyclohexane	5.59	56	6282	1.34	ug/l	86
32) 1,1,1-Trichloroethane	5.51	97	6768	1.18	ug/l #	48
36) 1,1-Dichloropropene	5.81	75	5652	1.30	ug/l	96
37) Ethyl Acetate	4.86	43	6277	1.27	ug/l #	90
38) Carbon Tetrachloride	5.79	117	6255	1.19	ug/l	91

Data Path : W:\HPCHEM1\MSVOA_X\Data\VX040718\
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 Operator : JC/MD
 Sample : VSTDCICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCICC001

Quant Time: Apr 07 16:39:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 16:39:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	6901	1.38	ug/l	98
40) Benzene	6.15	78	14778	1.17	ug/l	99
41) Methacrylonitrile	5.06	41	3229	1.11	ug/l #	86
42) 1,2-Dichloroethane	6.20	62	5874	1.17	ug/l	98
43) Isopropyl Acetate	6.47	43	10145	1.17	ug/l	98
44) Trichloroethene	7.21	130	4404	1.13	ug/l	88
45) 1,2-Dichloropropane	7.52	63	3951	1.16	ug/l	89
46) Dibromomethane	7.67	93	2973	1.27	ug/l	89
47) Bromodichloromethane	7.91	83	5652	1.15	ug/l	95
48) Methyl methacrylate	7.78	41	4642	1.05	ug/l	89
49) 1,4-Dioxane	7.76	88	1842	20.47	ug/l #	51
51) 4-Methyl-2-Pentanone	8.66	43	26898	5.23	ug/l	98
52) Toluene	8.79	92	9894	1.17	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	6582	1.12	ug/l	93
54) cis-1,3-Dichloropropene	9.05	75	6492	1.10	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	3914	1.12	ug/l #	86
56) Ethyl methacrylate	9.19	69	6004	1.06	ug/l	91
57) 1,3-Dichloropropane	9.38	76	6420	1.14	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.32	63	15675	6.52	ug/l	96
59) 2-Hexanone	9.51	43	20090	5.08	ug/l	99
60) Dibromochloromethane	9.59	129	4807	1.10	ug/l	99
61) 1,2-Dibromoethane	9.68	107	4344	1.17	ug/l	97
64) Tetrachloroethene	9.34	164	4564	1.21	ug/l	96
65) Chlorobenzene	10.15	112	11642	1.17	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	4506	1.16	ug/l #	65
67) Ethyl Benzene	10.26	91	19749	1.19	ug/l	100
68) m/p-Xylenes	10.37	106	15153	2.33	ug/l	99
69) o-Xylene	10.70	106	7516	1.18	ug/l	93
70) Styrene	10.72	104	12302	1.13	ug/l	99
71) Bromoform	10.87	173	3761	0.98	ug/l #	97
73) Isopropylbenzene	11.02	105	19862	1.17	ug/l	100
74) N-amyl acetate	6.47	43	10145	1.22	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	5743	1.14	ug/l	94
76) 1,2,3-Trichloropropane	11.30	75	7361	1.50	ug/l	83
77) Bromobenzene	11.26	156	5269	1.09	ug/l	95
78) n-propylbenzene	11.37	91	23221	1.21	ug/l	99
79) 2-Chlorotoluene	11.43	91	14082	1.23	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	17445	1.20	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	2107	1.12	ug/l #	85
82) 4-Chlorotoluene	11.52	91	16431	1.19	ug/l	99
83) tert-Butylbenzene	11.77	119	17683	1.18	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	18079	1.20	ug/l	99
85) sec-Butylbenzene	11.95	105	20451	1.16	ug/l	100
86) p-Isopropyltoluene	12.07	119	19031	1.16	ug/l	94
87) 1,3-Dichlorobenzene	12.03	146	10238	1.14	ug/l	98
88) 1,4-Dichlorobenzene	12.03	146	10238	1.12	ug/l	98
89) n-Butylbenzene	12.40	91	17190	1.18	ug/l	100
90) Hexachloroethane	12.60	117	3414	1.14	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	9746	1.10	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1577	1.16	ug/l	87

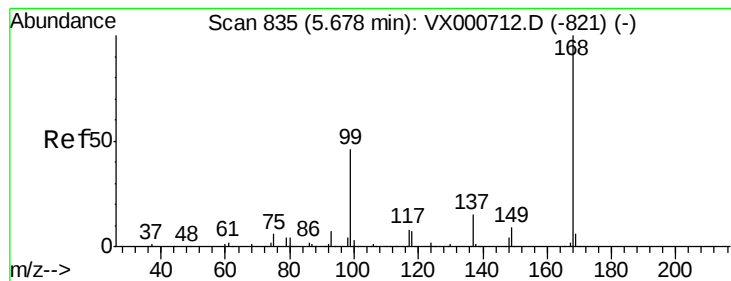
Data Path : W:\HPCHEM1\MSVOA_X\Data\VX040718\
Data File : VX000709.D
Acq On : 07 Apr 2018 11:13
Operator : JC/MD
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCICC001

Quant Time: Apr 07 16:39:17 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 07 16:39:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	8400	1.13	ug/l	98
94) Hexachlorobutadiene	13.79	225	4190	1.15	ug/l	98
95) Naphthalene	13.84	128	21545	1.07	ug/l	97
96) 1,2,3-Trichlorobenzene	14.03	180	8097	1.11	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

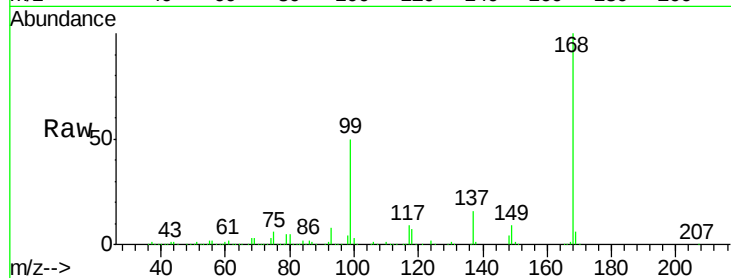
VSTDIC001

Tgt Ion:168 Resp: 393960

Ion Ratio Lower Upper

168 100

99 49.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

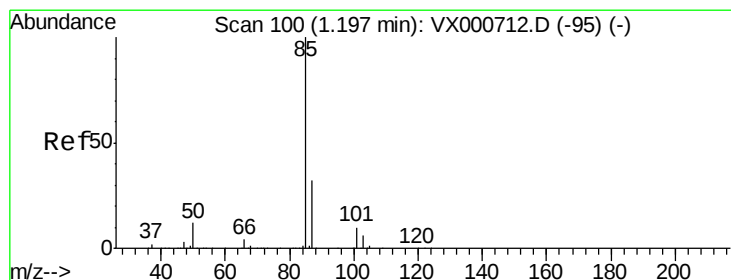
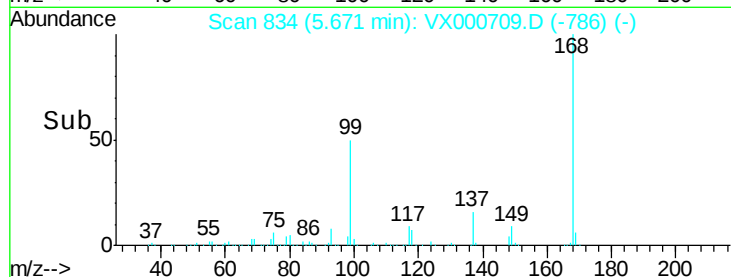
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.08 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000709.D

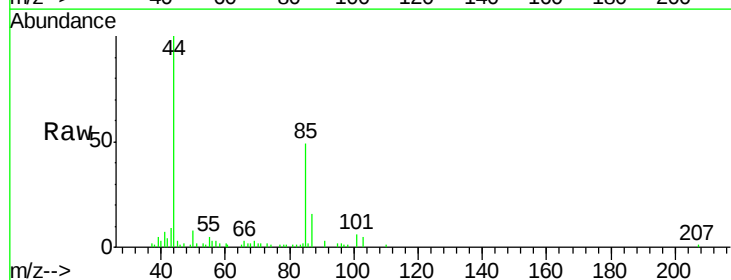
Acq: 07 Apr 2018 11:13

Tgt Ion: 85 Resp: 3828

Ion Ratio Lower Upper

85 100

87 33.2 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

4000

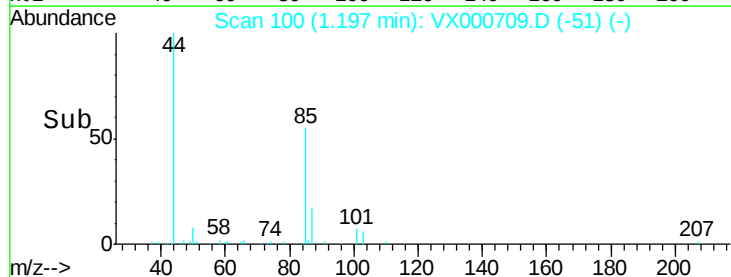
3000

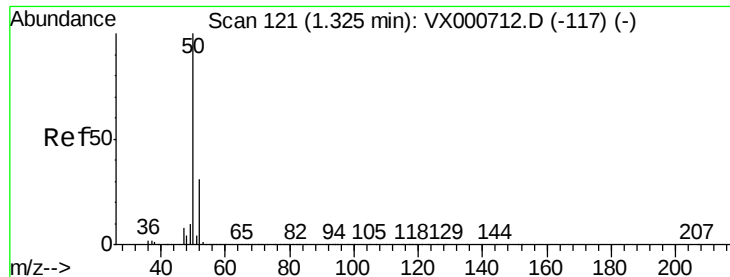
2000

1000

0

Time--> 1.10 1.15 1.20 1.25





#3

Chloromethane

Concen: 1.40 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

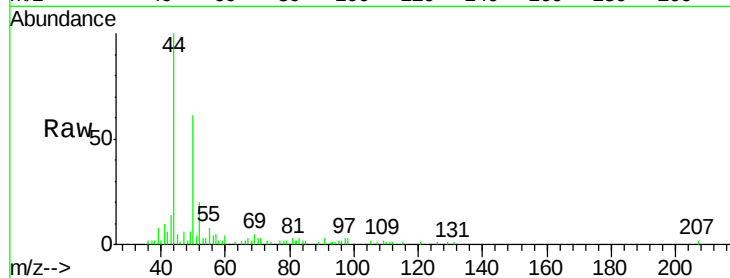
VSTDIC001

Tgt Ion: 50 Resp: 4068

Ion Ratio Lower Upper

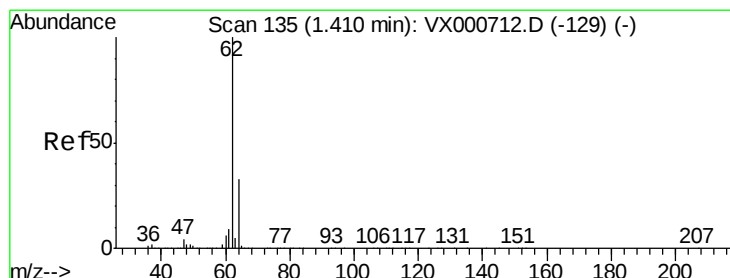
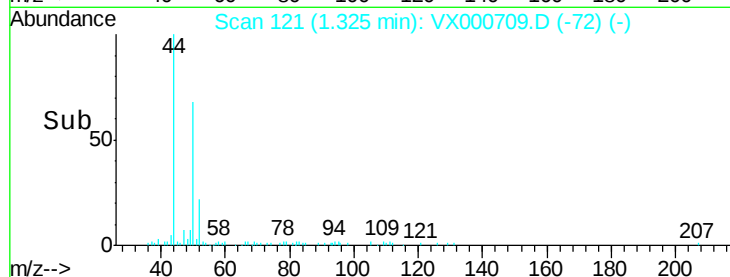
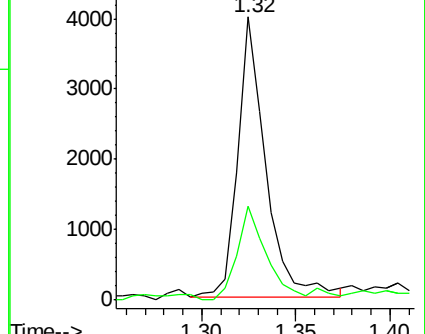
50 100

52 32.3 24.9 37.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.26 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000709.D

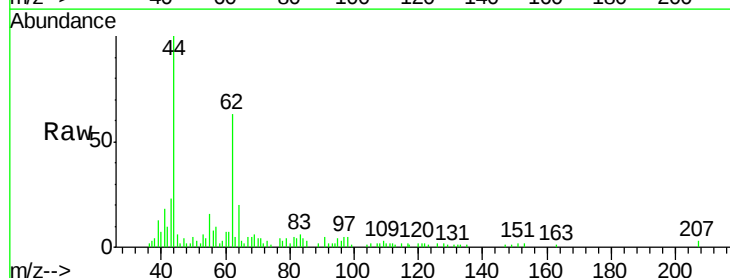
Acq: 07 Apr 2018 11:13

Tgt Ion: 62 Resp: 3815

Ion Ratio Lower Upper

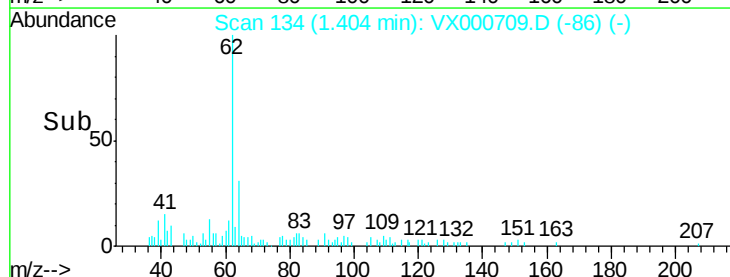
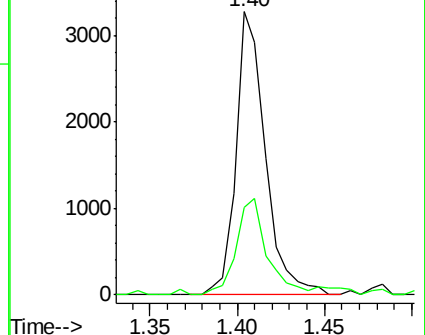
62 100

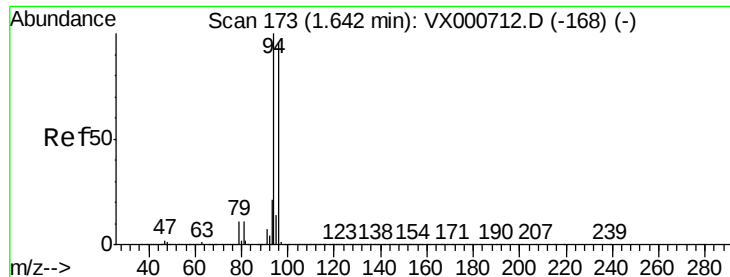
64 31.0 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.99 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

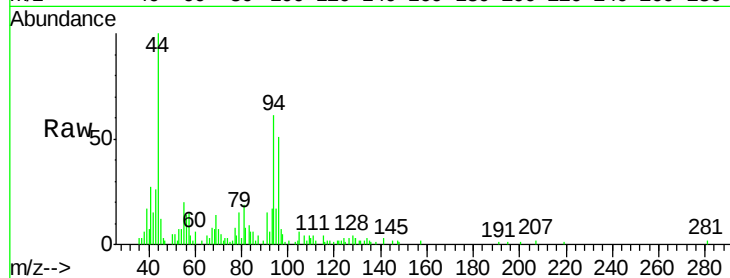
VSTDIC001

Tgt Ion: 94 Resp: 3338

Ion Ratio Lower Upper

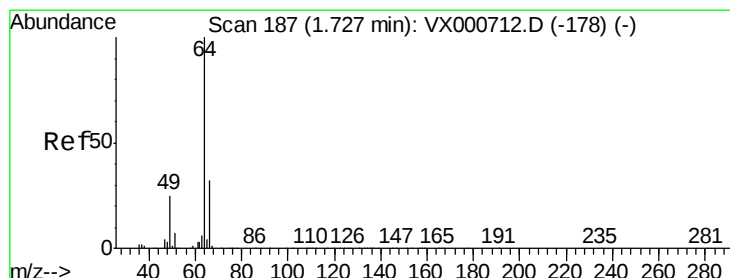
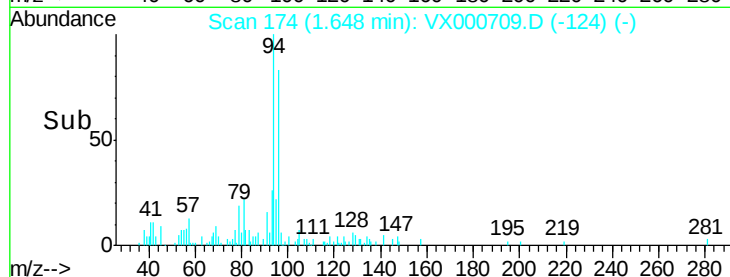
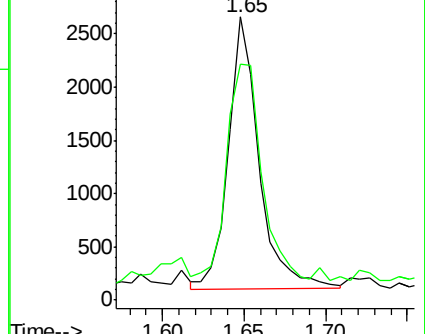
94 100

96 79.0 76.5 114.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.30 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000709.D

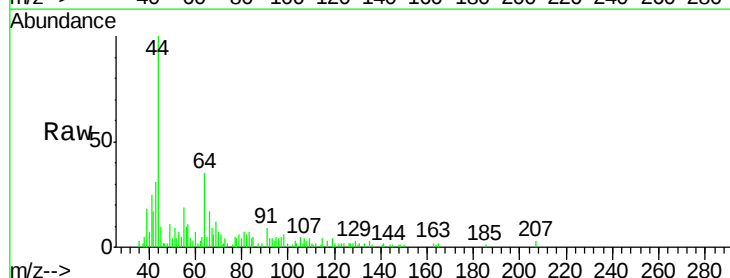
Acq: 07 Apr 2018 11:13

Tgt Ion: 64 Resp: 2401

Ion Ratio Lower Upper

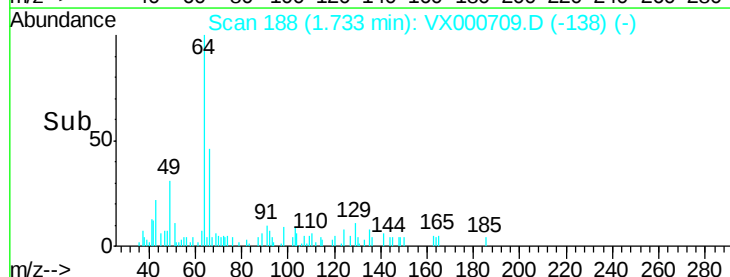
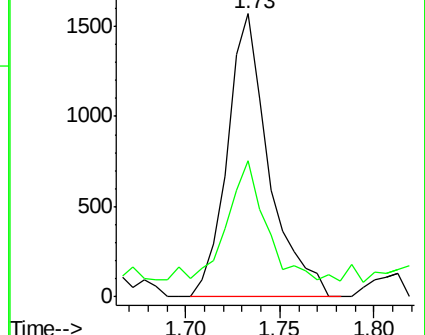
64 100

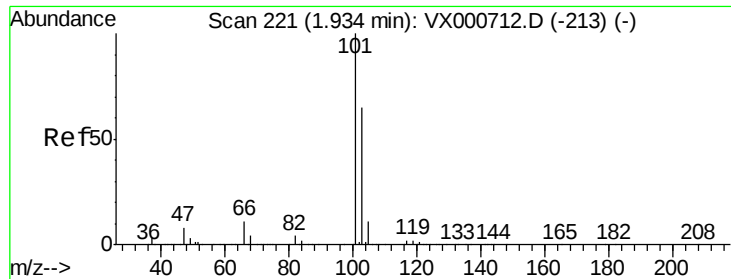
66 42.5 25.4 38.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 1.27 ug/l

RT: 1.93 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

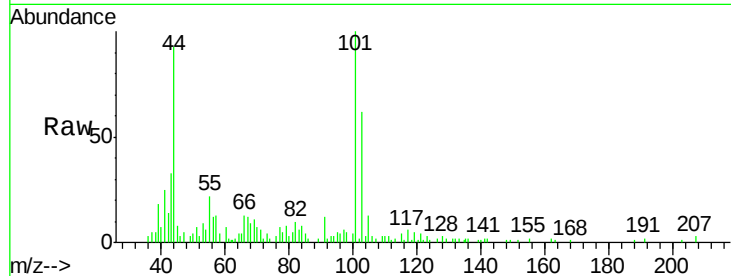
VSTDIC001

Tgt Ion:101 Resp: 6309

Ion Ratio Lower Upper

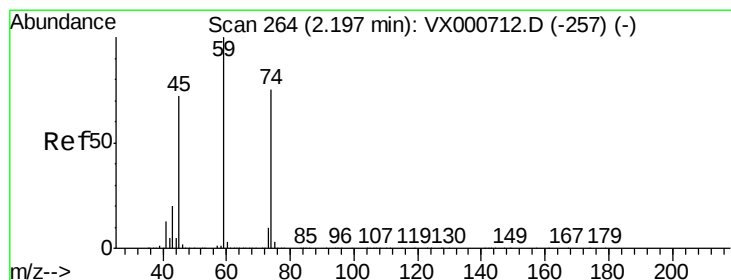
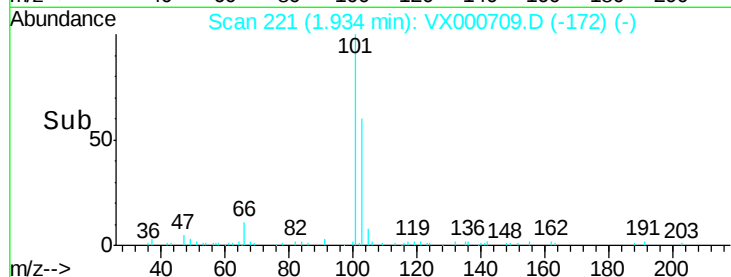
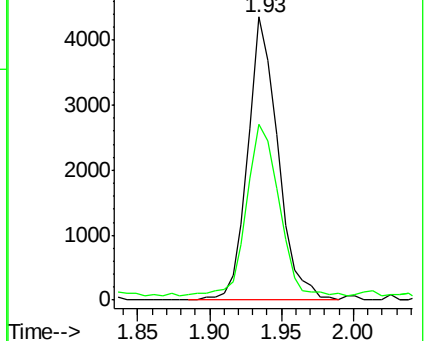
101 100

103 60.0 52.1 78.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.49 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX000709.D

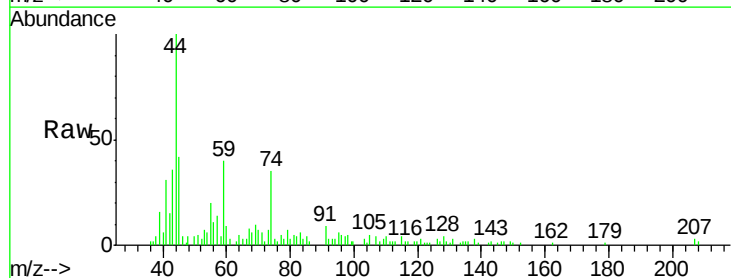
Acq: 07 Apr 2018 11:13

Tgt Ion: 74 Resp: 2769

Ion Ratio Lower Upper

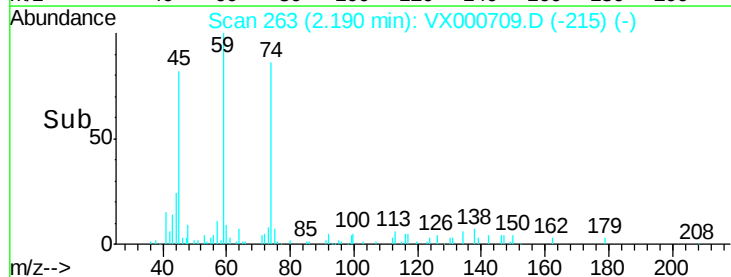
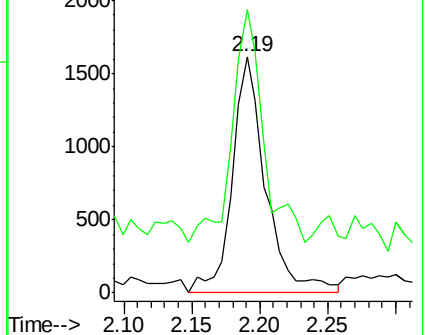
74 100

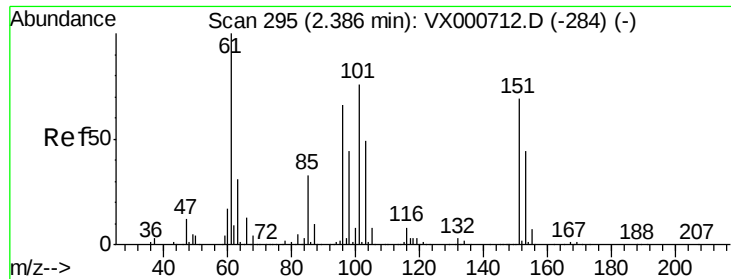
45 91.4 48.4 145.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.22 ug/l

RT: 2.40 min Scan# 297

Delta R.T. 0.01 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

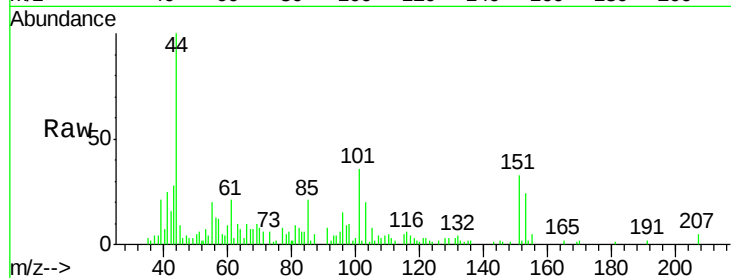
Tgt Ion:101 Resp: 3538

Ion Ratio Lower Upper

101 100

85 51.0 34.3 51.5

151 93.3 73.8 110.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2000

1500

1000

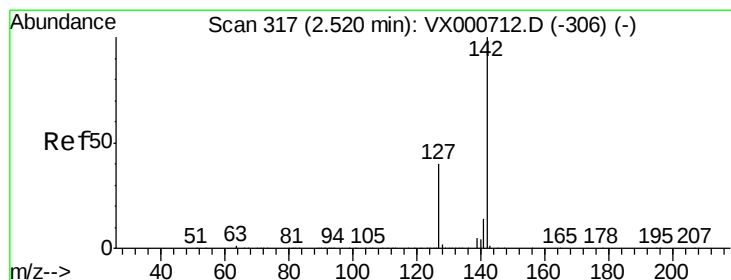
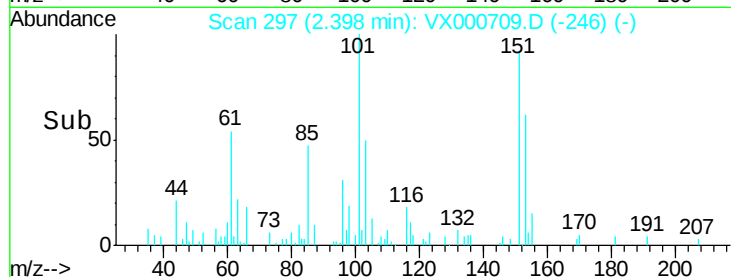
500

0

Time-->

2.30 2.35 2.40 2.45

2.40



#10

Methyl Iodide

Concen: 0.47 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

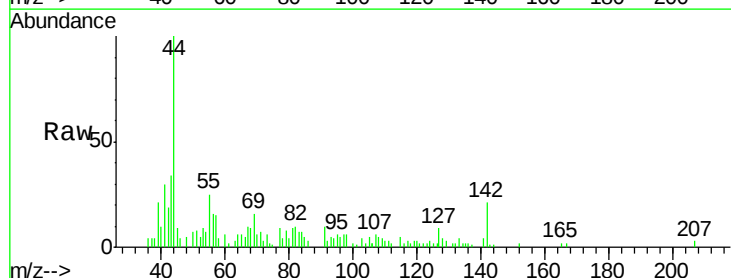
Tgt Ion:142 Resp: 1479

Ion Ratio Lower Upper

142 100

127 63.9 33.9 50.9#

141 36.0 11.4 17.0#



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

1000

800

600

400

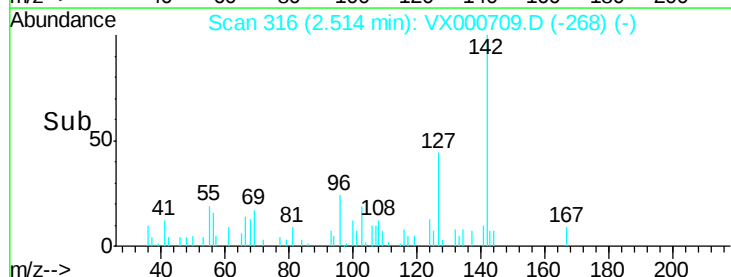
200

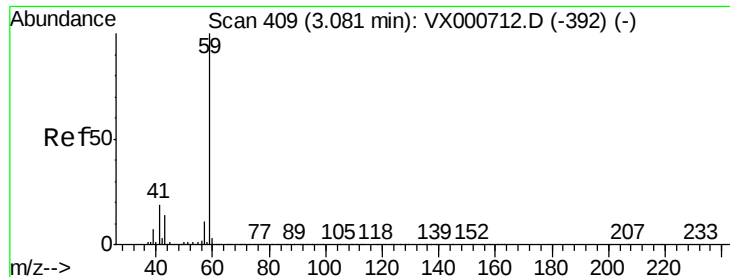
0

Time-->

2.45 2.50 2.55

2.51

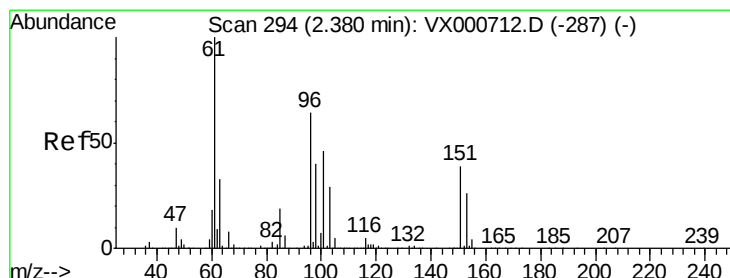
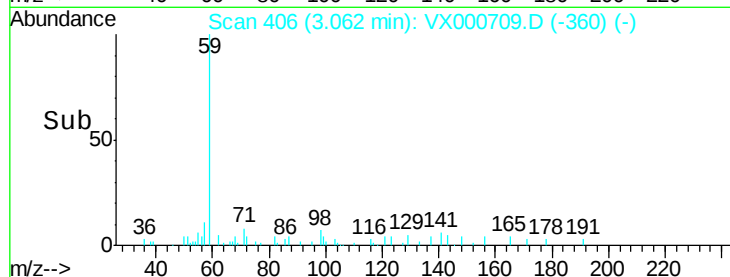
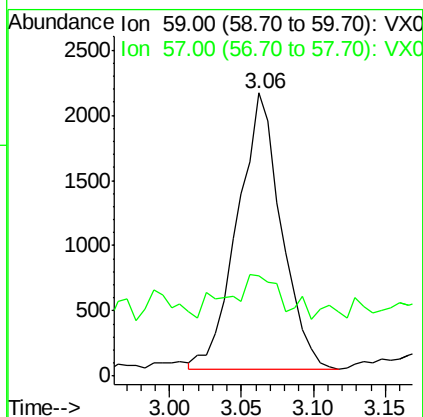
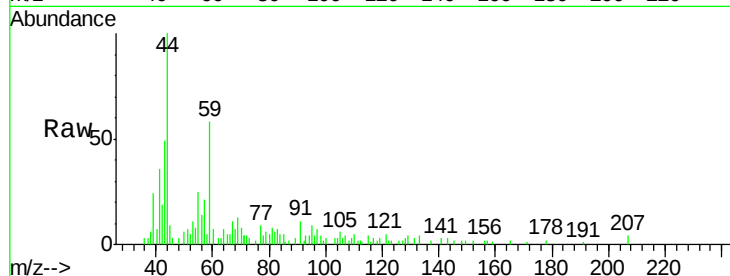




#11
Tert butyl alcohol
Concen: 5.54 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX000709.D
Acq: 07 Apr 2018 11:13

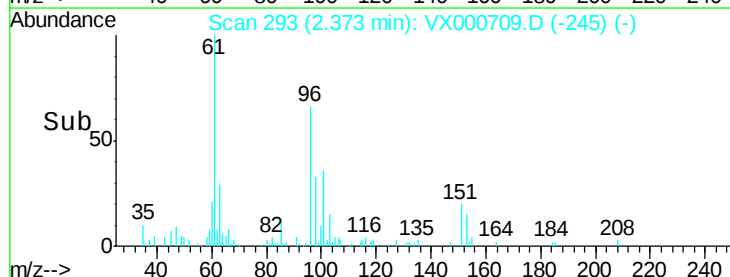
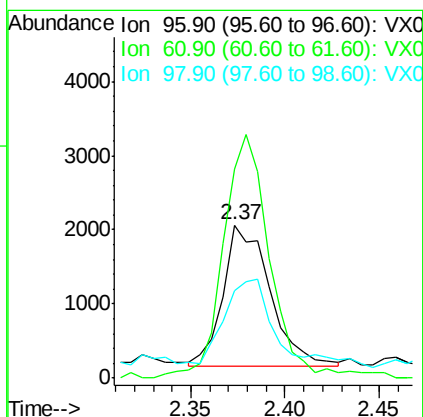
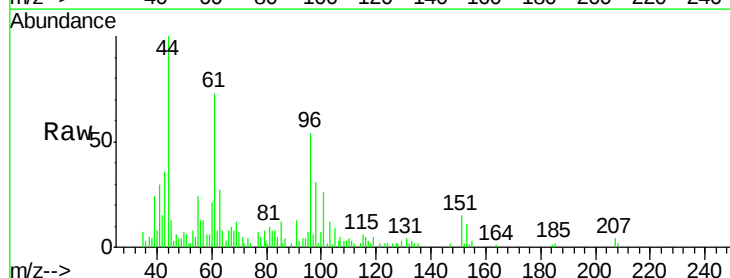
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

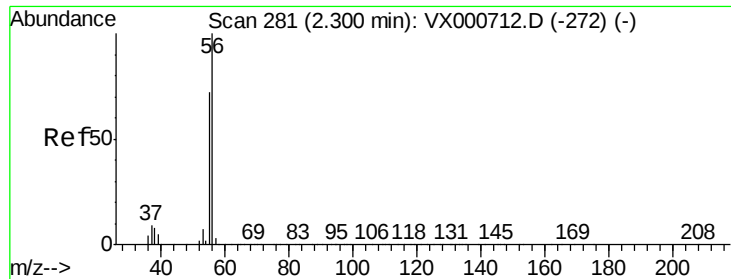
Tgt Ion: 59 Resp: 4492
Ion Ratio Lower Upper
59 100
57 8.4 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 1.27 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000709.D
Acq: 07 Apr 2018 11:13

Tgt Ion: 96 Resp: 3316
Ion Ratio Lower Upper
96 100
61 148.4 125.0 187.4
98 52.3 50.5 75.7





#13

Acrolein

Concen: 6.10 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

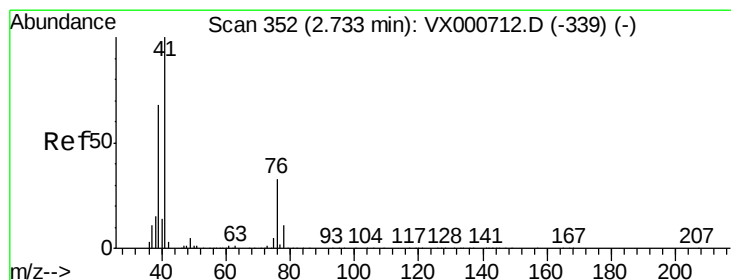
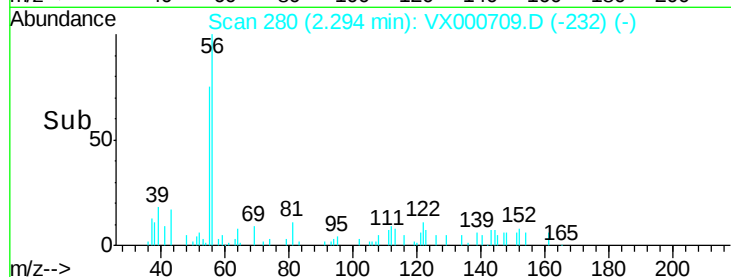
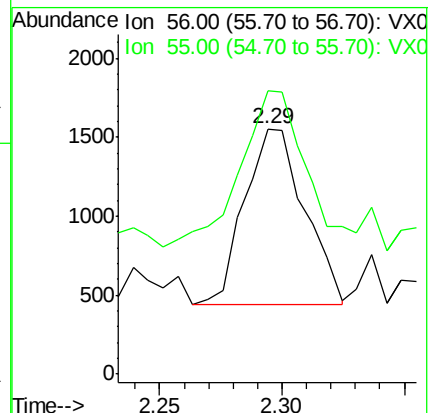
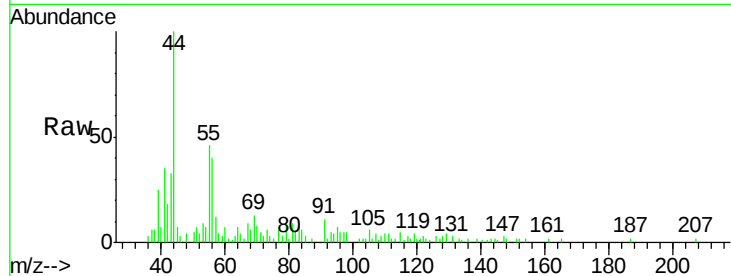
VSTDIC001

Tgt Ion: 56 Resp: 1911

Ion Ratio Lower Upper

56 100

55 96.8 57.4 86.2#



#14

Allyl chloride

Concen: 1.33 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

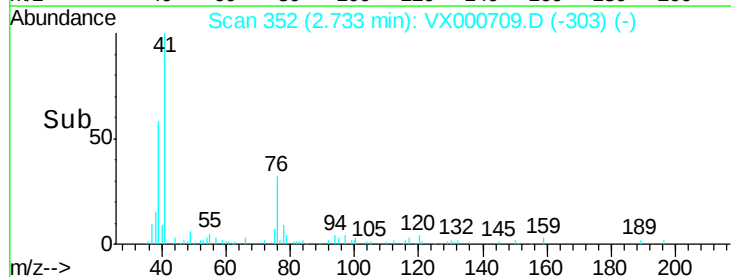
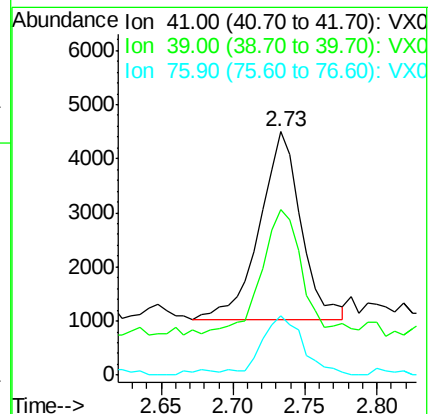
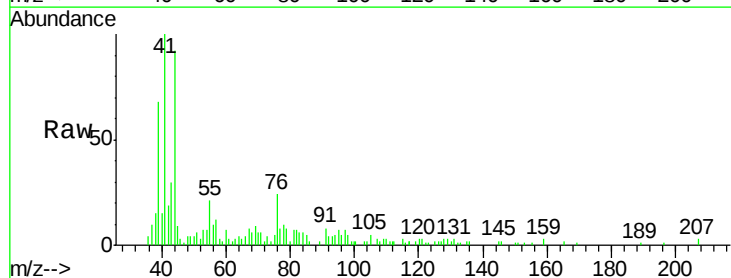
Tgt Ion: 41 Resp: 6942

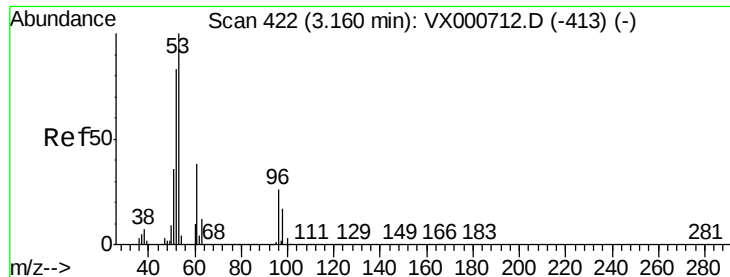
Ion Ratio Lower Upper

41 100

39 64.5 52.4 78.6

76 31.6 25.9 38.9





#15

Acrylonitrile

Concen: 5.34 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

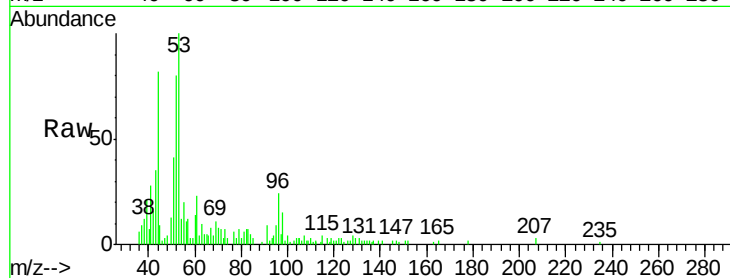
Tgt Ion: 53 Resp: 8673

Ion Ratio Lower Upper

53 100

52 84.0 66.1 99.1

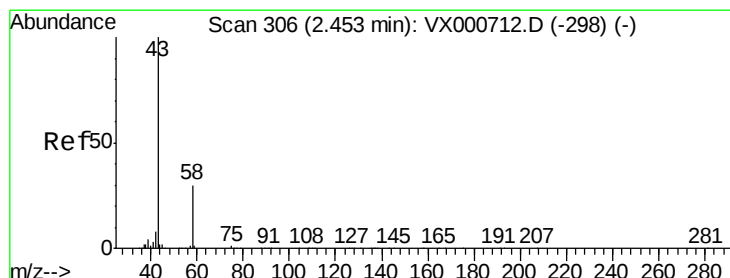
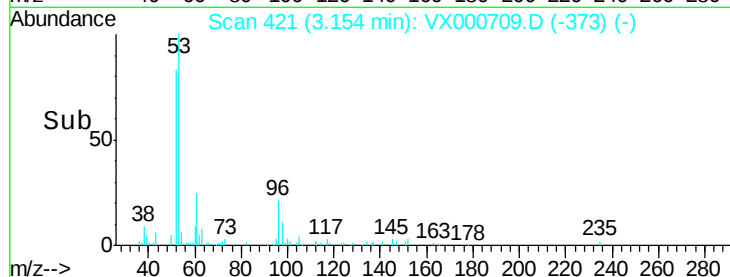
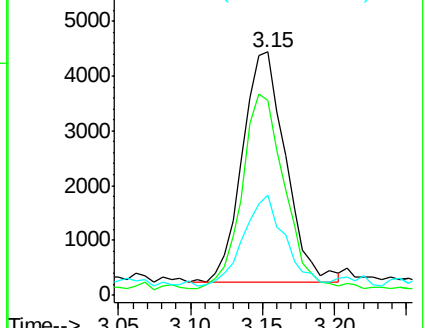
51 37.9 29.1 43.7



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: 6.33 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000709.D

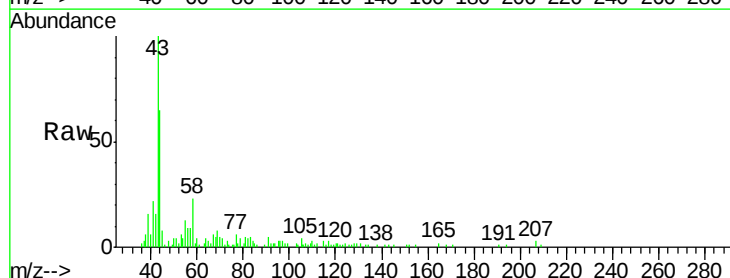
Acq: 07 Apr 2018 11:13

Tgt Ion: 43 Resp: 8623

Ion Ratio Lower Upper

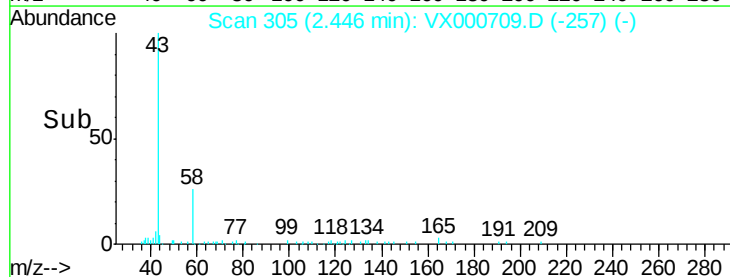
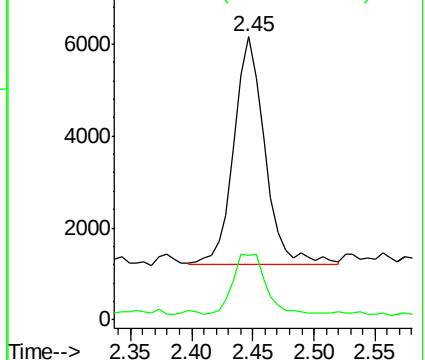
43 100

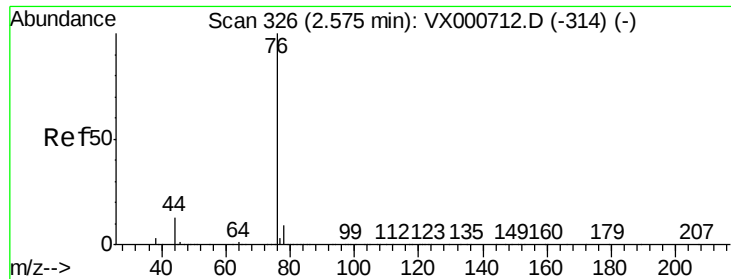
58 25.0 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.52 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

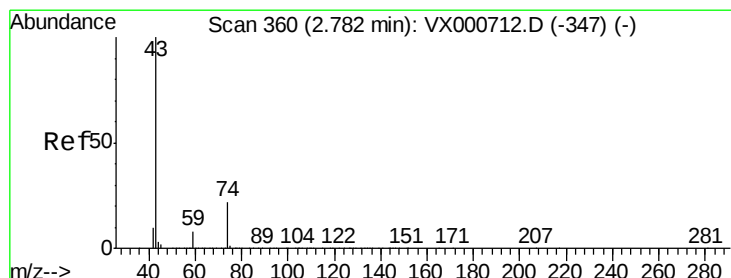
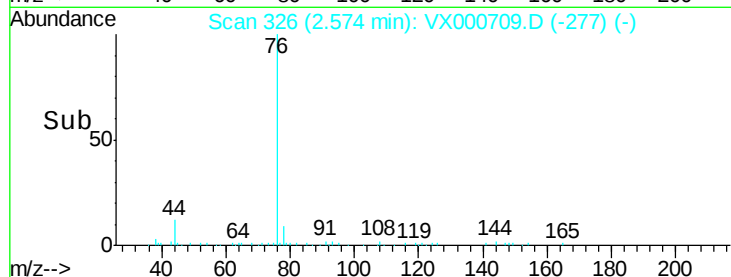
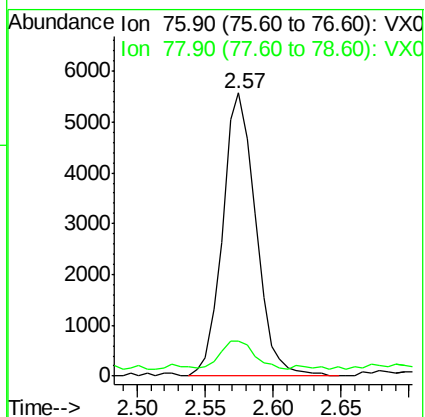
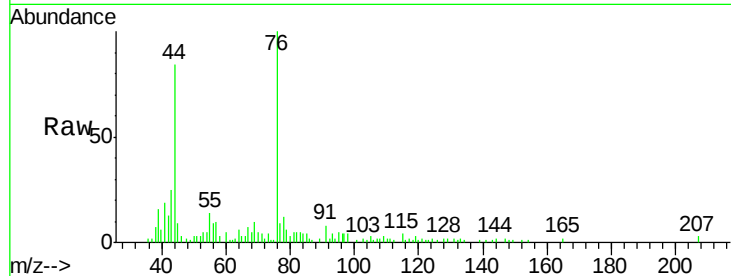
VSTDIC001

Tgt Ion: 76 Resp: 9479

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



#18

Methyl Acetate

Concen: 1.00 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000709.D

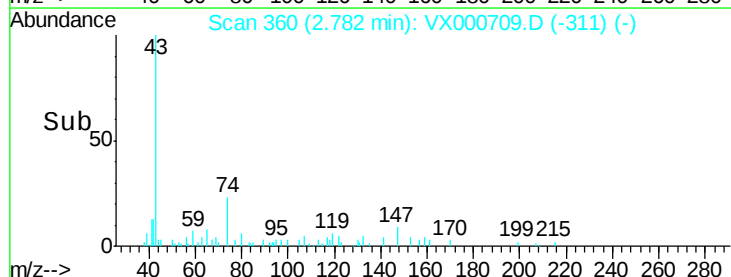
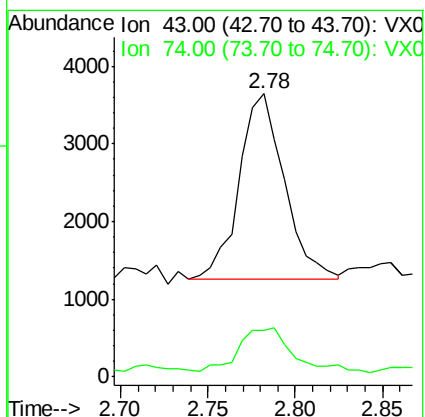
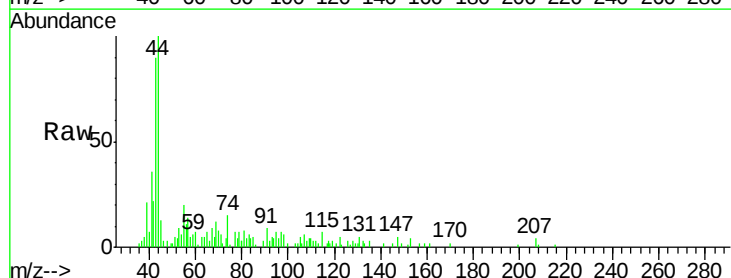
Acq: 07 Apr 2018 11:13

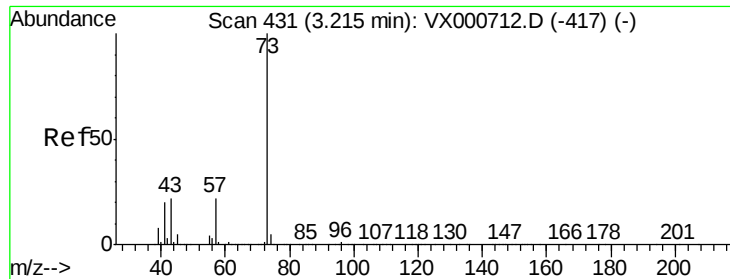
Tgt Ion: 43 Resp: 4317

Ion Ratio Lower Upper

43 100

74 28.2 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 1.11 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

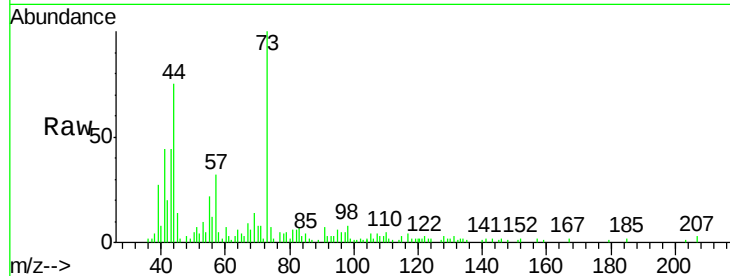
VSTDIC001

Tgt Ion: 73 Resp: 11279

Ion Ratio Lower Upper

73 100

57 21.7 17.3 25.9



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

5000

4000

3000

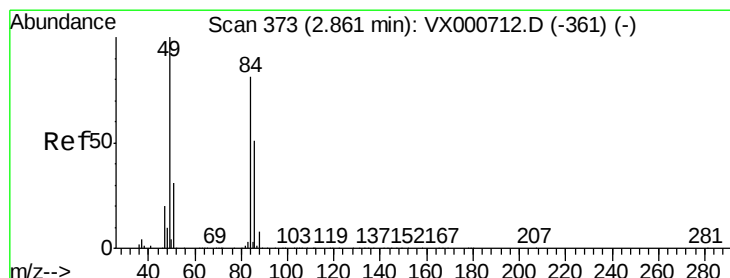
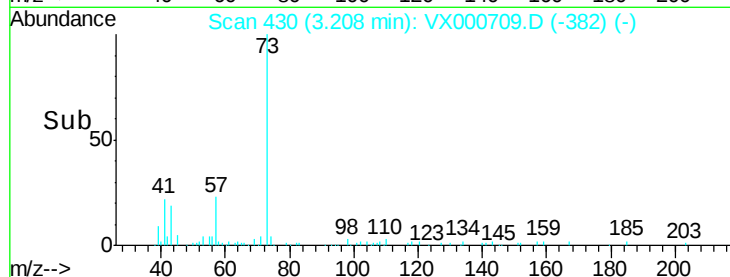
2000

1000

0

3.10 3.15 3.20 3.25 3.30

Time-->



#20

Methylene Chloride

Concen: 2.47 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Tgt Ion: 84 Resp: 7384

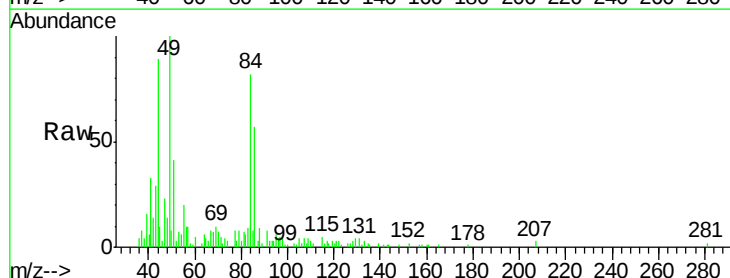
Ion Ratio Lower Upper

84 100

49 126.6 98.6 148.0

51 45.6 30.8 46.2

86 70.4 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

6000

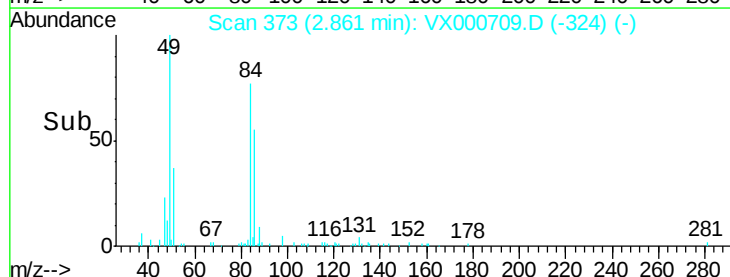
4000

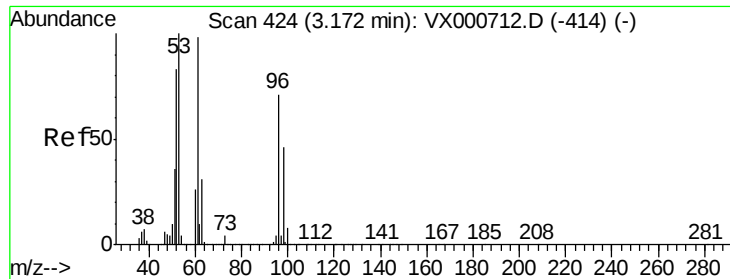
2000

0

2.75 2.80 2.85 2.90 2.95

Time-->





#21

trans-1,2-Dichloroethene

Concen: 1.20 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

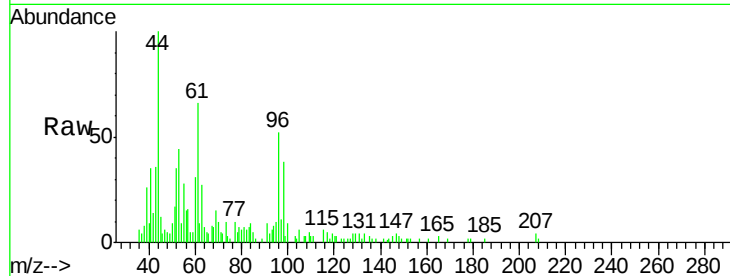
Tgt Ion: 96 Resp: 3376

Ion Ratio Lower Upper

96 100

61 140.7 109.8 164.6

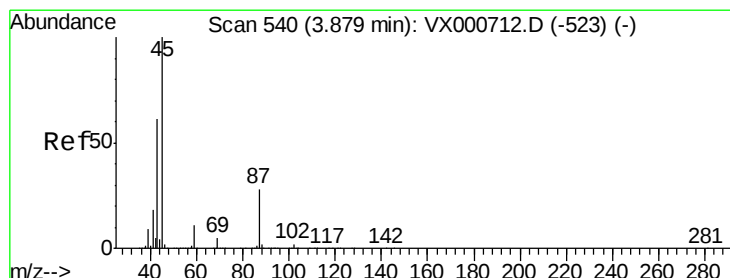
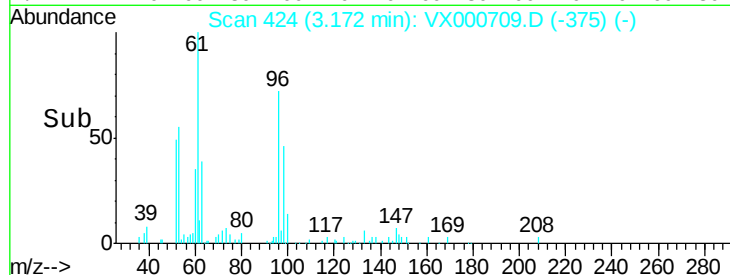
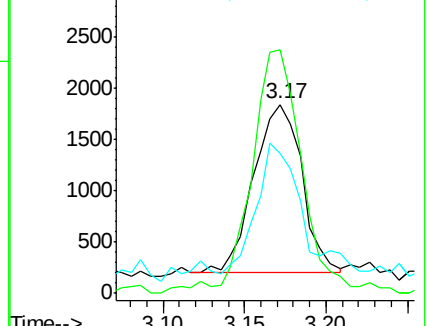
98 70.2 51.5 77.3



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: 1.15 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Tgt Ion: 45 Resp: 12345

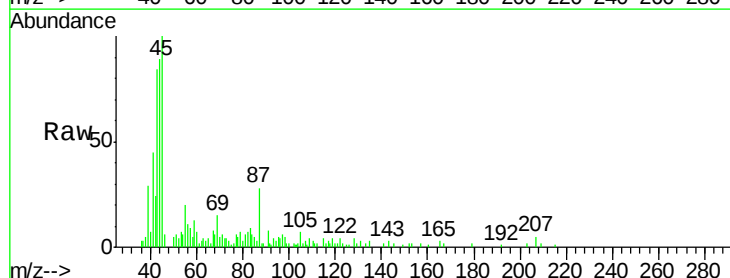
Ion Ratio Lower Upper

45 100

43 58.7 49.2 73.8

87 28.8 22.7 34.1

59 14.6 9.0 13.4#

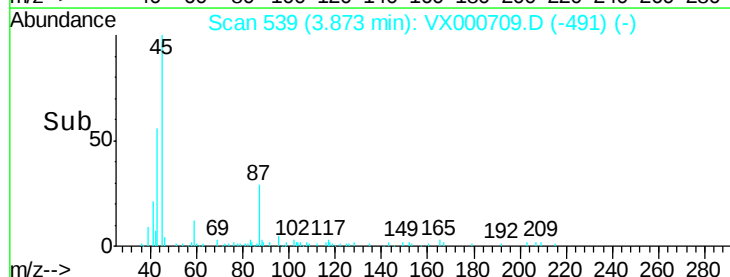
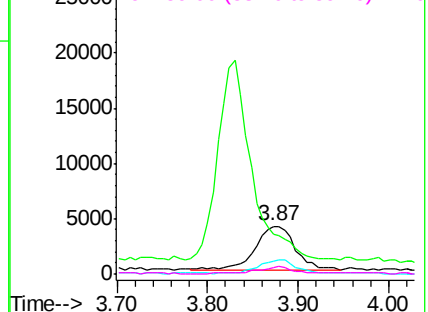


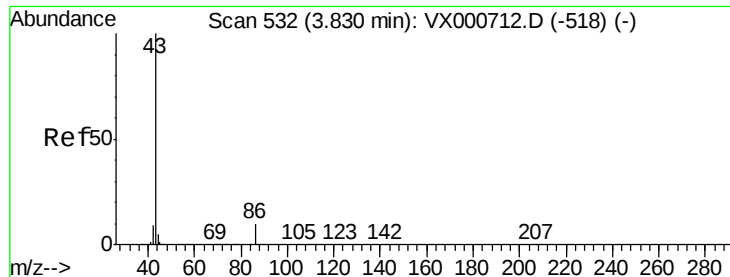
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 5.05 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

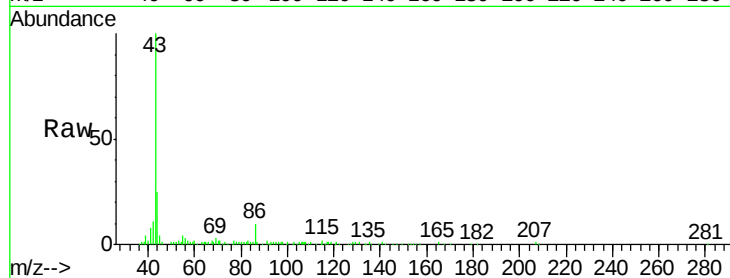
VSTDIC001

Tgt Ion: 43 Resp: 47288

Ion Ratio Lower Upper

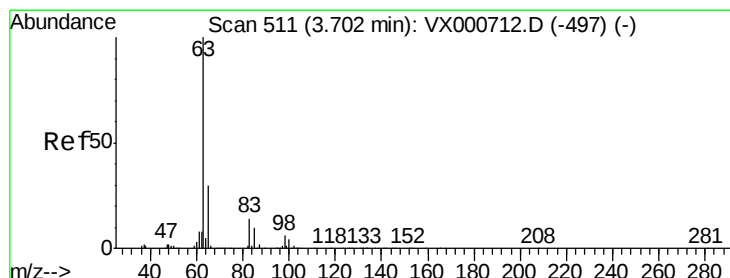
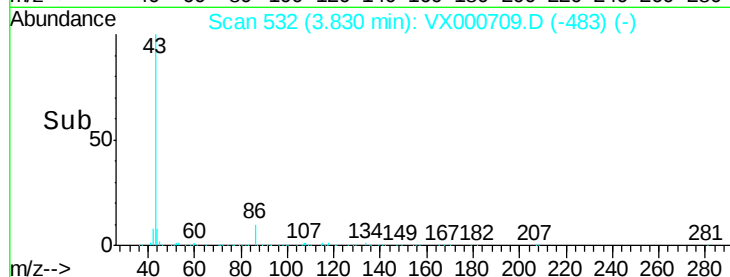
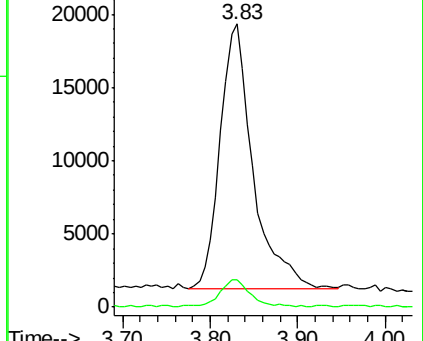
43 100

86 10.0 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 1.15 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

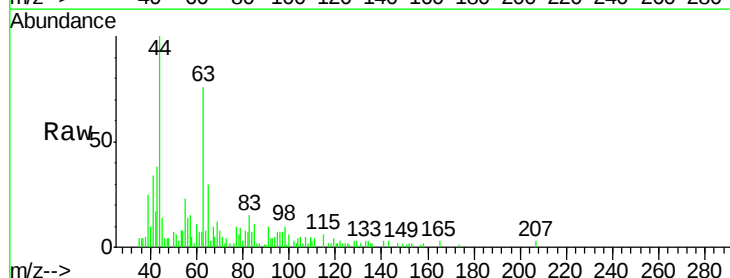
Tgt Ion: 63 Resp: 6448

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

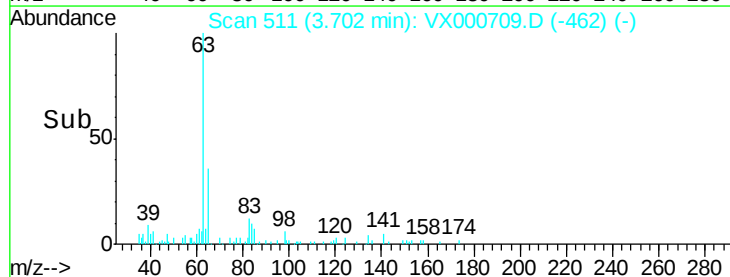
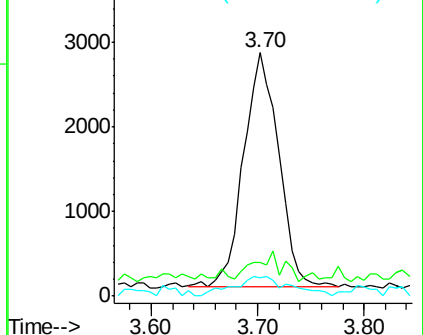
100 6.0 2.1 6.3

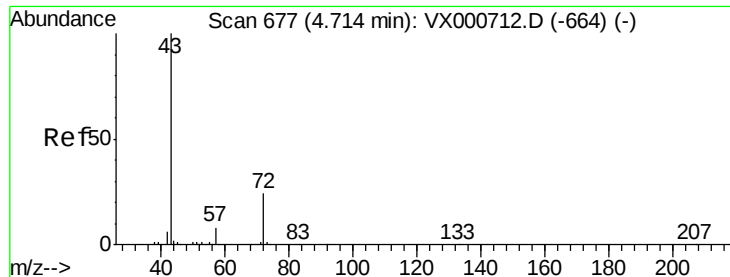


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 5.44 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

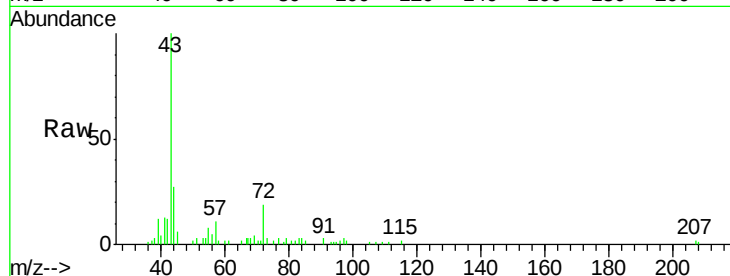
VSTDIC001

Tgt Ion: 43 Resp: 13646

Ion Ratio Lower Upper

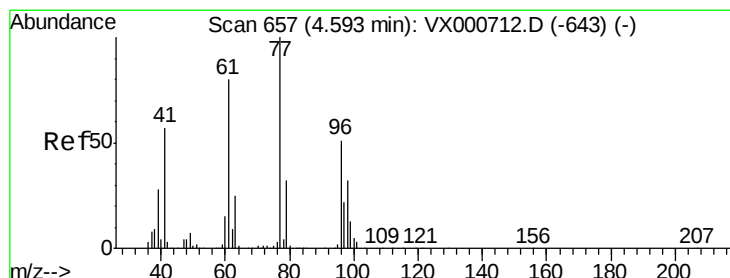
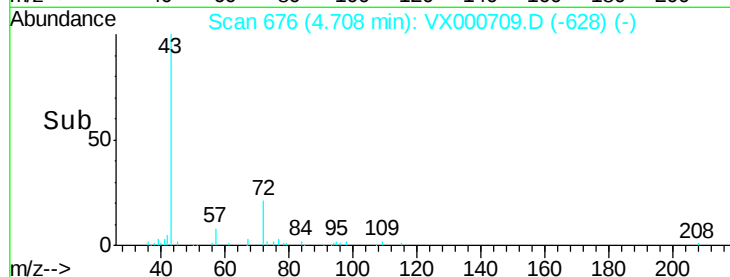
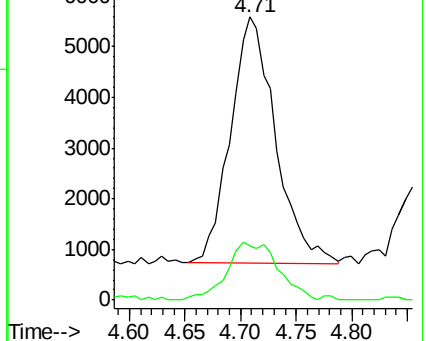
43 100

72 21.9 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 1.24 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000709.D

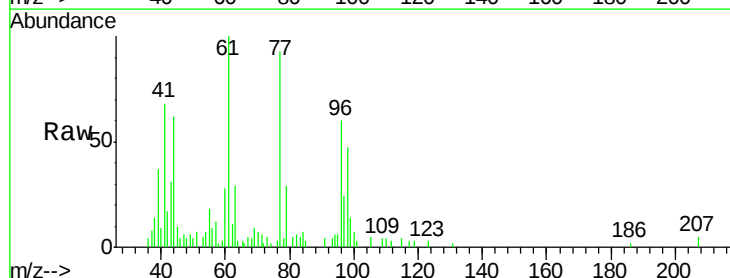
Acq: 07 Apr 2018 11:13

Tgt Ion: 77 Resp: 6880

Ion Ratio Lower Upper

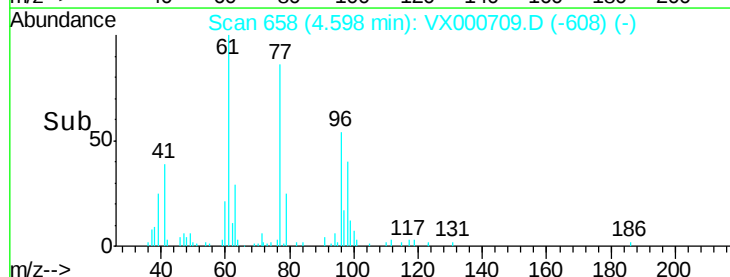
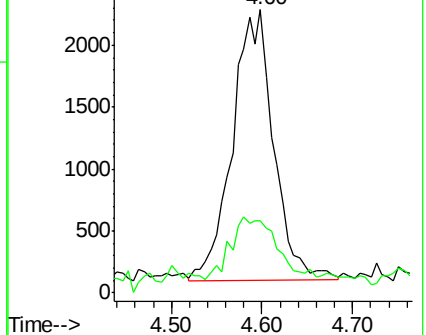
77 100

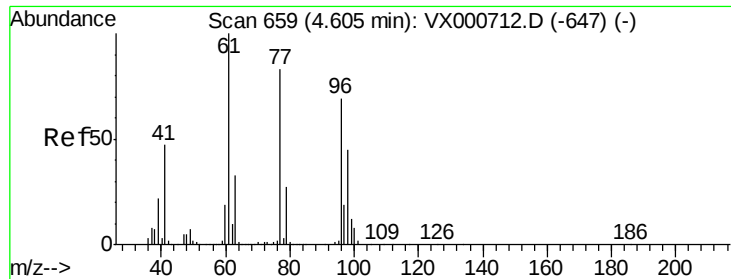
97 25.9 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



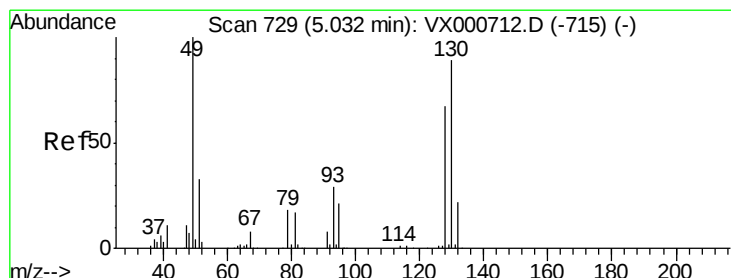
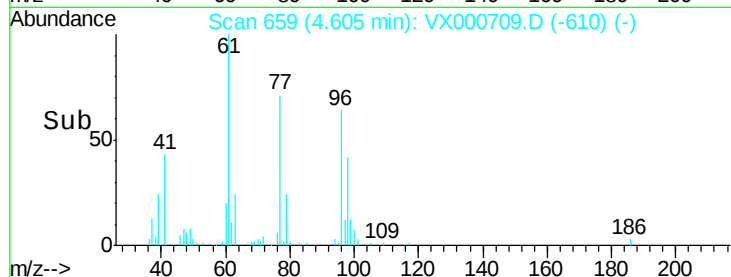
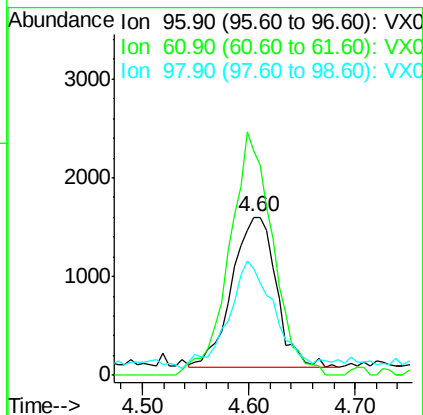
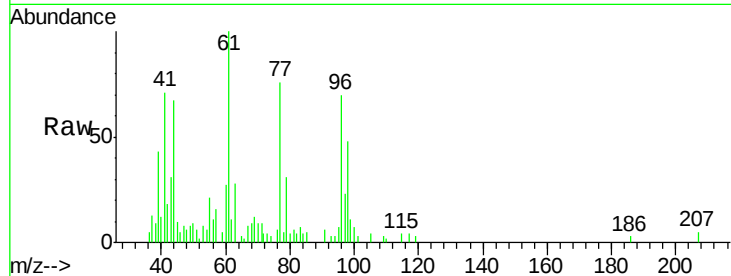


#27

cis-1,2-Dichloroethene
Concen: 1.22 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000709.D
Acq: 07 Apr 2018 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

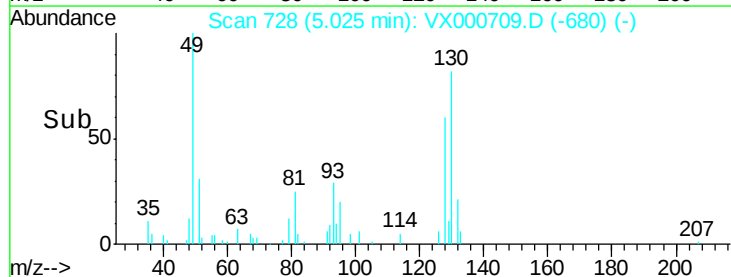
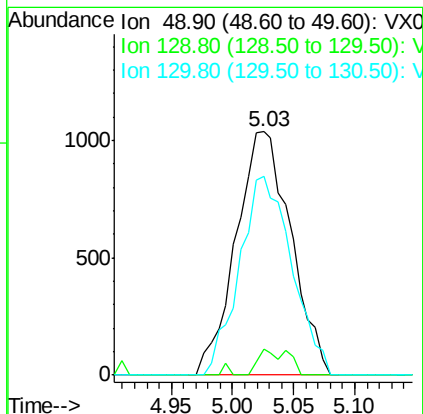
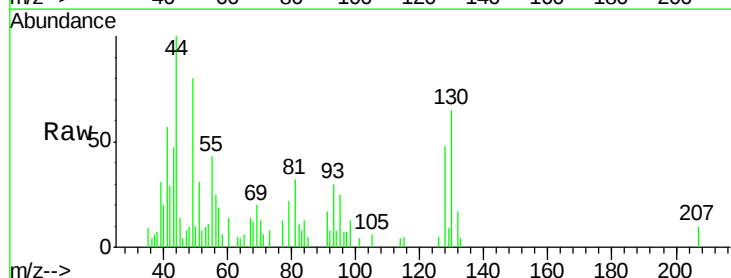
Tgt Ion: 96 Resp: 4394
Ion Ratio Lower Upper
96 100
61 159.5 0.0 301.0
98 73.5 0.0 129.6

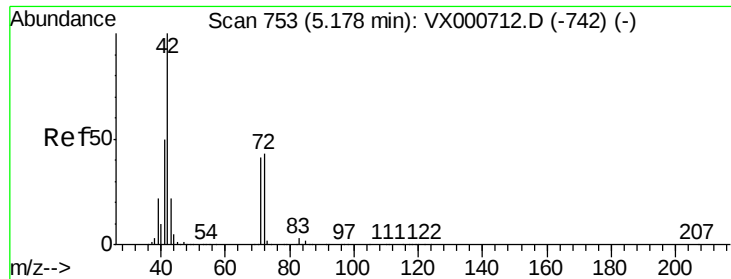


#28

Bromochloromethane
Concen: 1.30 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000709.D
Acq: 07 Apr 2018 11:13

Tgt Ion: 49 Resp: 3228
Ion Ratio Lower Upper
49 100
129 5.8 0.0 5.4#
130 78.1 69.0 103.4

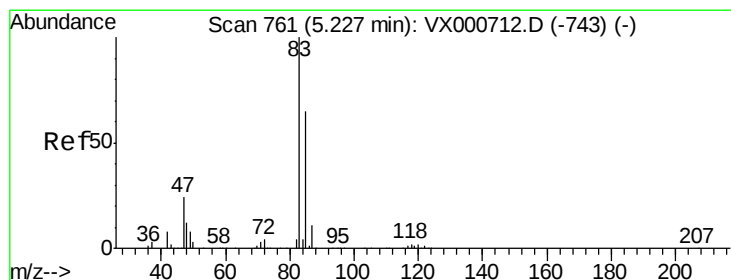
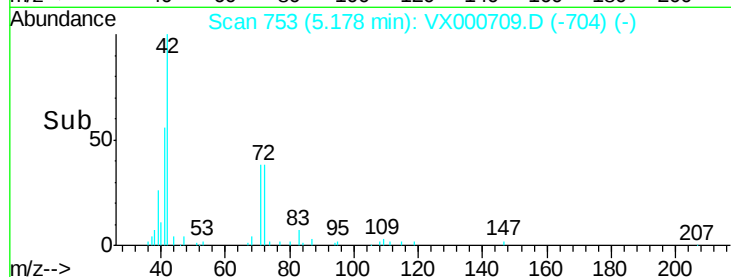
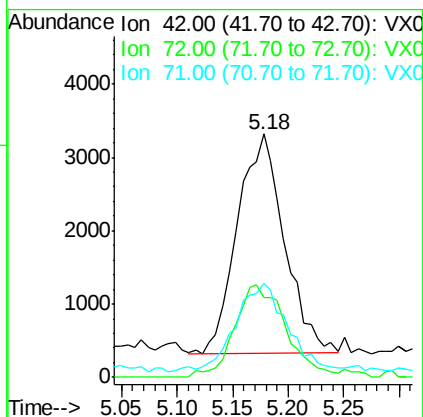
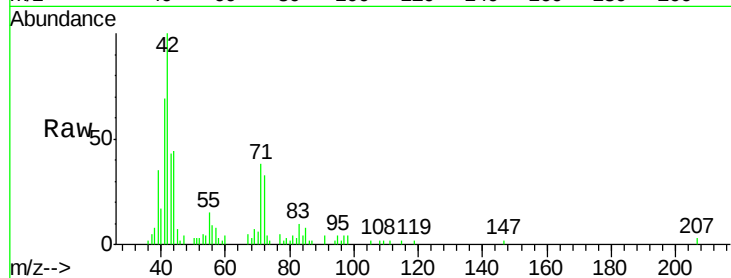




#29
Tetrahydrofuran
Concen: 5.51 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000709.D
Acq: 07 Apr 2018 11:13

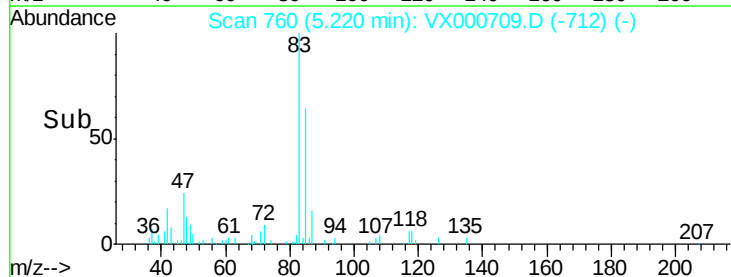
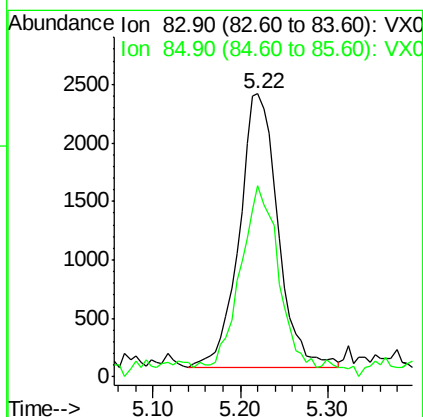
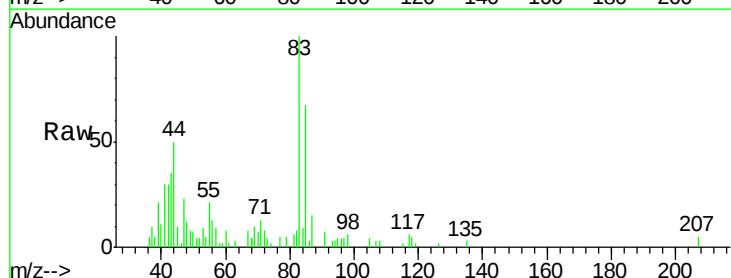
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

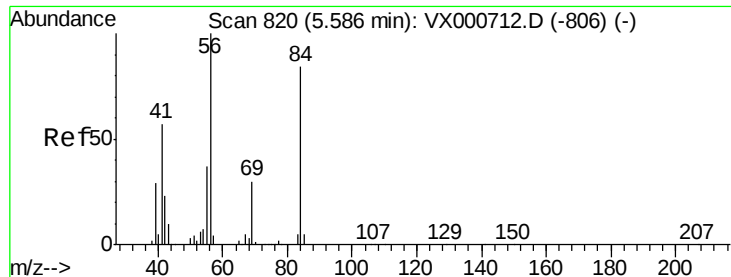
Tgt Ion: 42 Resp: 8824
Ion Ratio Lower Upper
42 100
72 46.1 34.4 51.6
71 44.4 32.0 48.0



#30
Chloroform
Concen: 1.19 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000709.D
Acq: 07 Apr 2018 11:13

Tgt Ion: 83 Resp: 7145
Ion Ratio Lower Upper
83 100
85 66.6 52.3 78.5

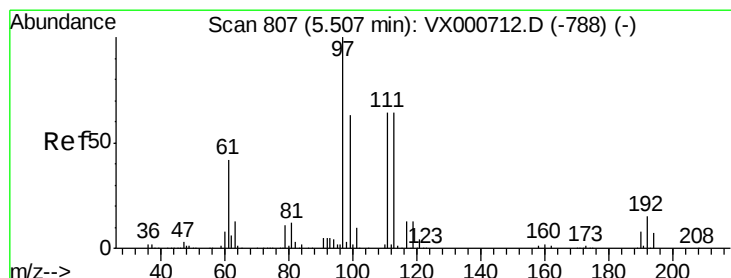
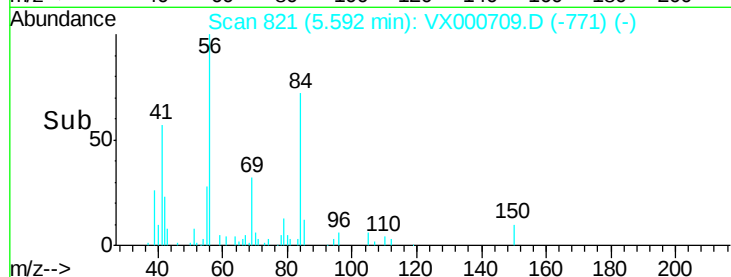
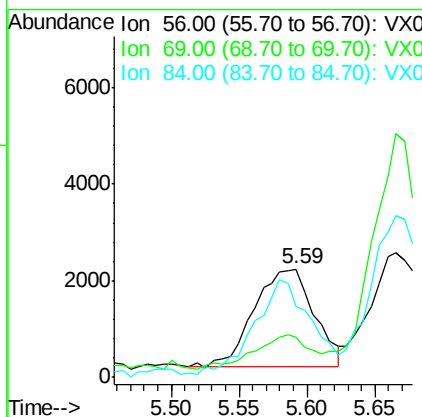
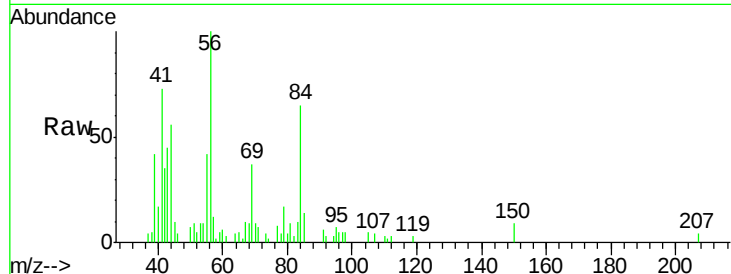




#31
Cyclohexane
Concen: 1.34 ug/l
RT: 5.59 min Scan# 821
Delta R.T. 0.01 min
Lab File: VX000709.D
Acq: 07 Apr 2018 11:13

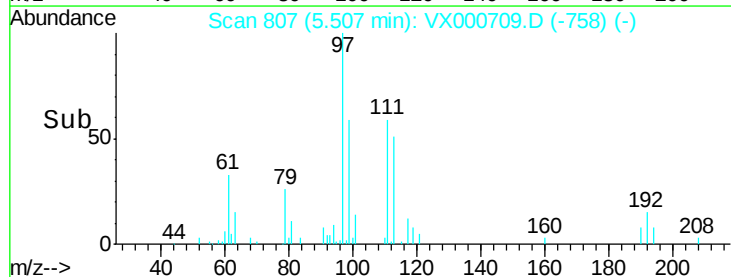
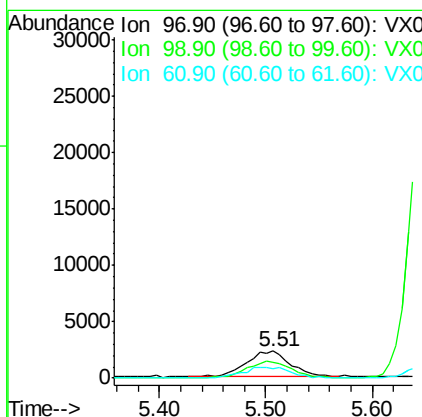
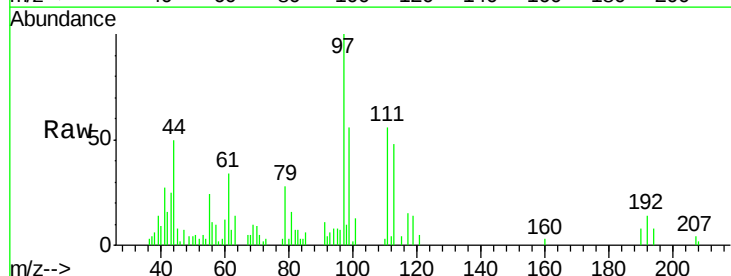
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

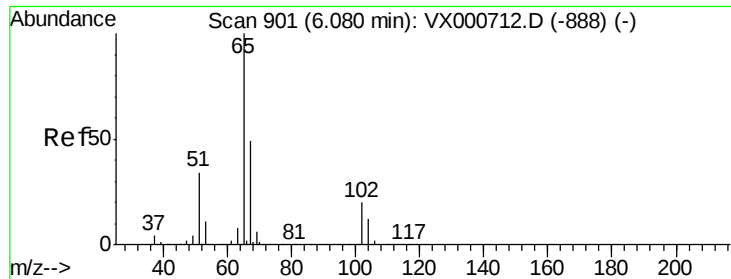
Tgt Ion: 56 Resp: 6282
Ion Ratio Lower Upper
56 100
69 30.8 23.8 35.6
84 67.9 67.4 101.2



#32
1,1,1-Trichloroethane
Concen: 1.18 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000709.D
Acq: 07 Apr 2018 11:13

Tgt Ion: 97 Resp: 6768
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.2#
61 47.0 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 1.29 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

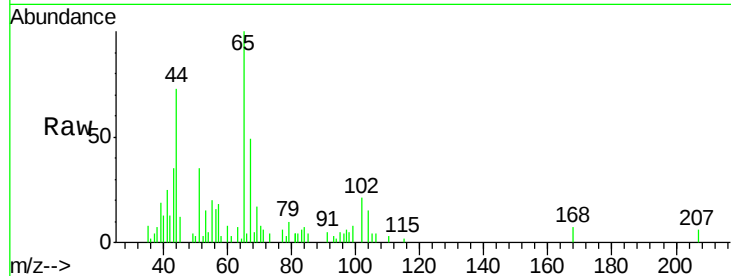
VSTDIC001

Tgt Ion: 65 Resp: 5604

Ion Ratio Lower Upper

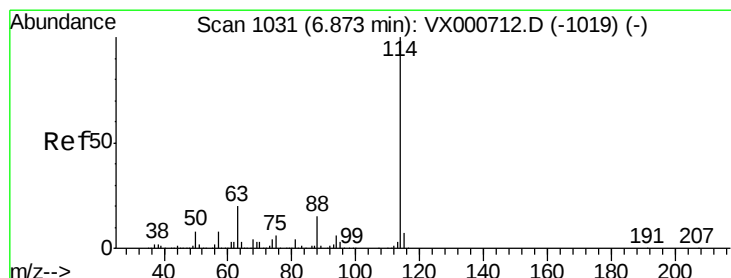
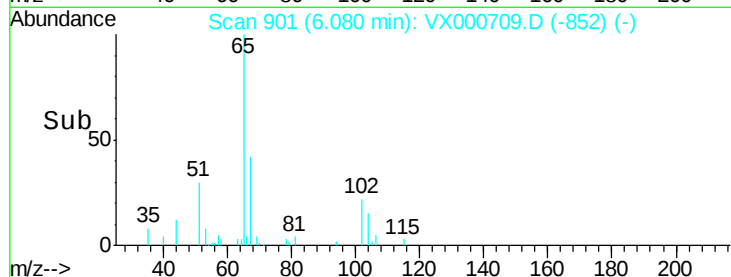
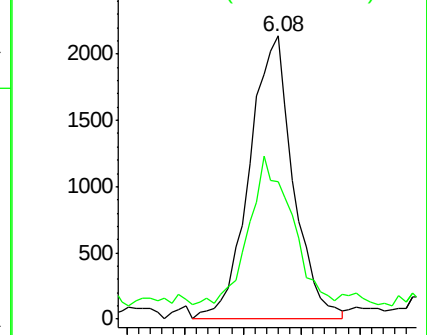
65 100

67 51.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

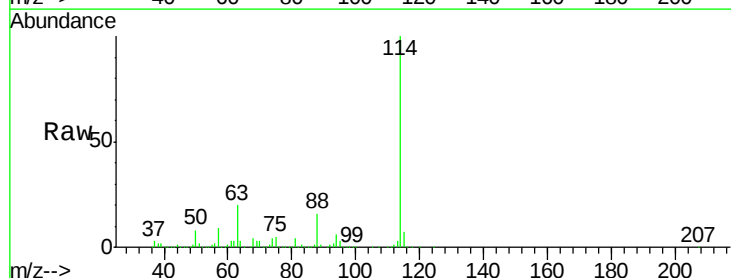
Tgt Ion: 114 Resp: 547731

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.6

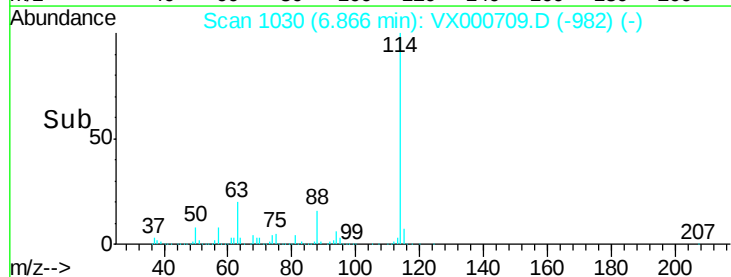
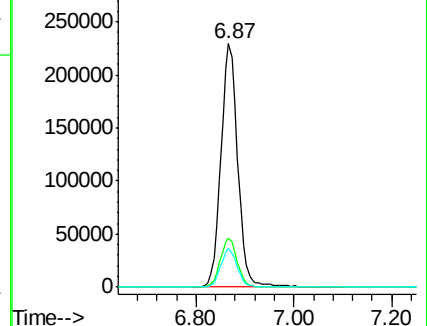
88 15.8 0.0 30.6

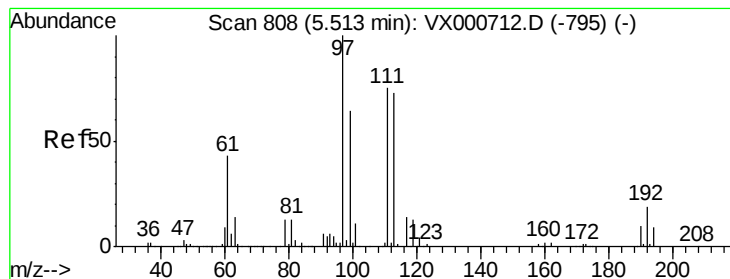


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 1.03 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

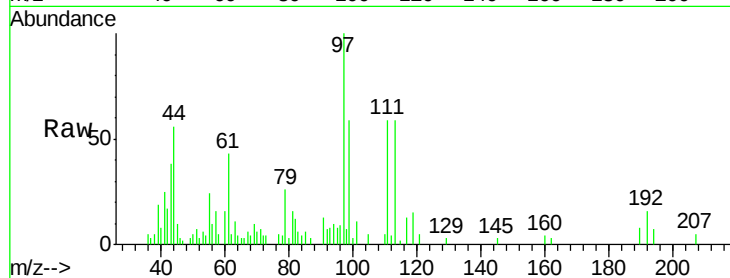
Tgt Ion:113 Resp: 3674

Ion Ratio Lower Upper

113 100

111 107.6 81.5 122.3

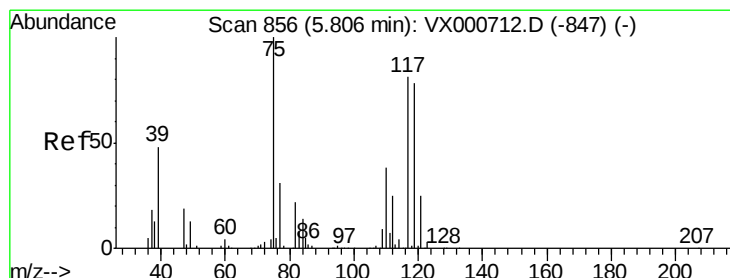
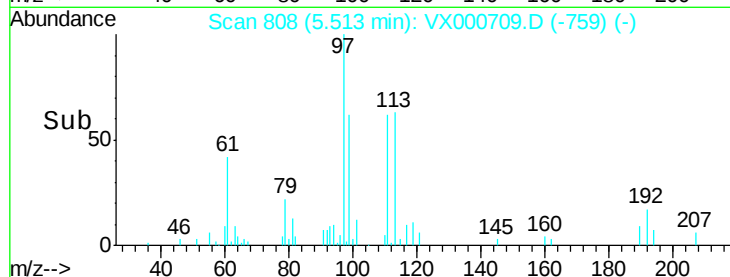
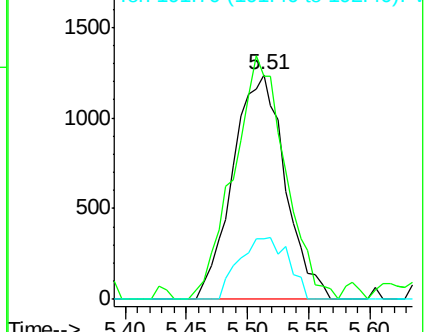
192 25.9 20.0 30.0



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: 1.30 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.01 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

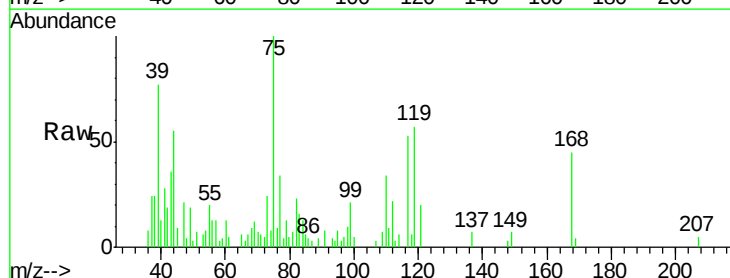
Tgt Ion: 75 Resp: 5652

Ion Ratio Lower Upper

75 100

110 40.3 18.6 56.0

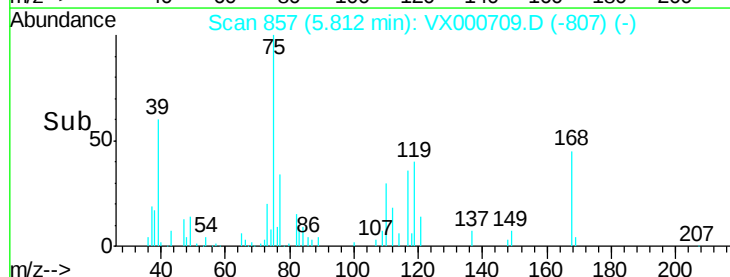
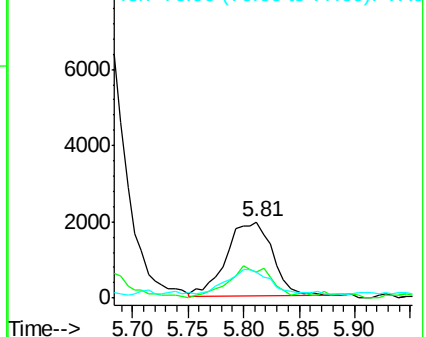
77 29.1 24.6 37.0

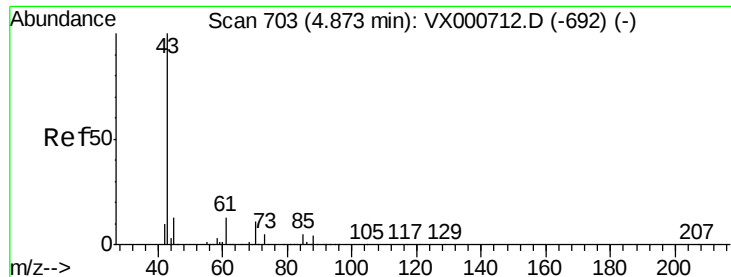


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

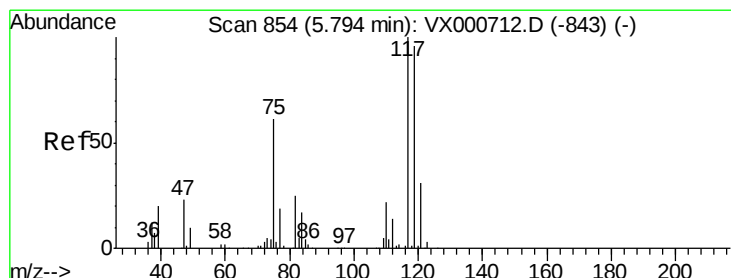
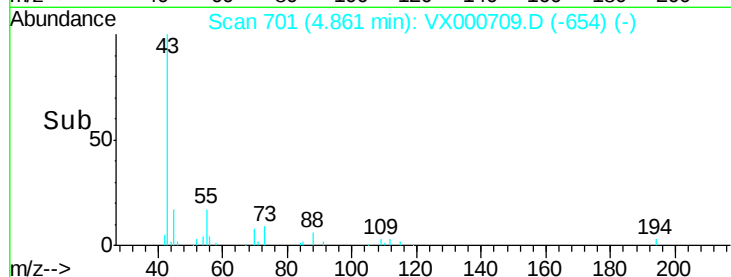
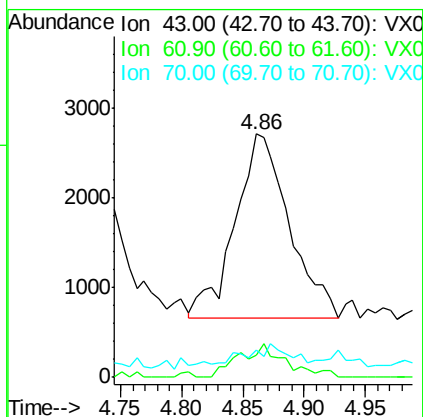
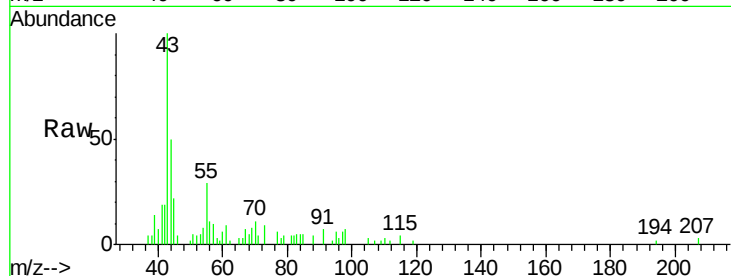




#37
 Ethyl Acetate
 Concen: 1.27 ug/l
 RT: 4.86 min Scan# 701
 Delta R.T. -0.01 min
 Lab File: VX000709.D
 Acq: 07 Apr 2018 11:13

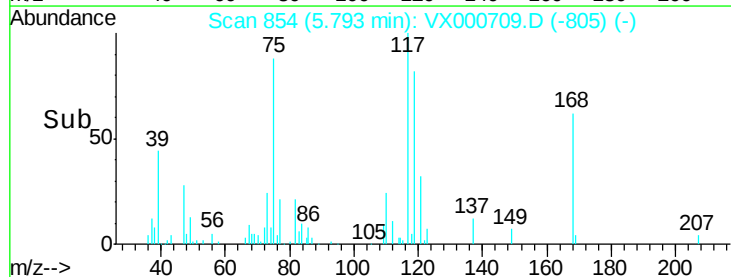
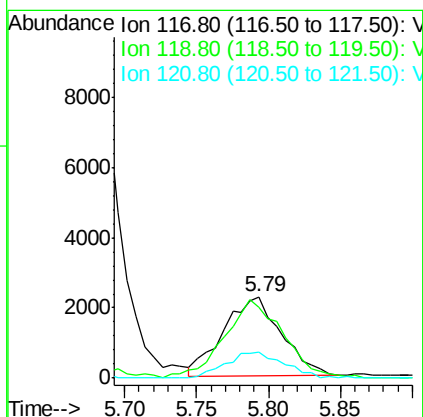
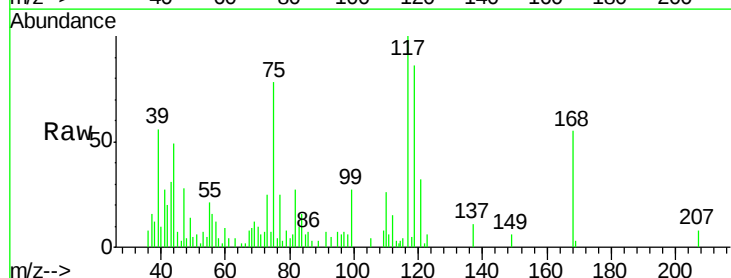
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

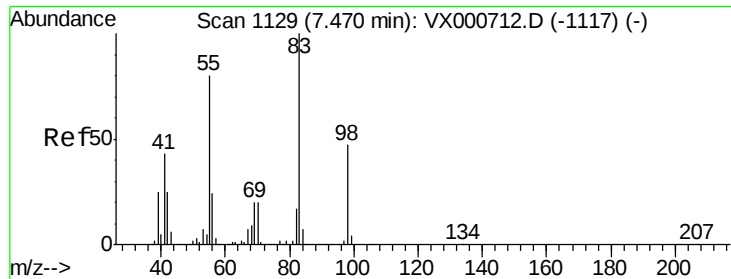
Tgt Ion: 43 Resp: 6277
 Ion Ratio Lower Upper
 43 100
 61 16.0 10.5 15.7#
 70 5.8 8.4 12.6#



#38
 Carbon Tetrachloride
 Concen: 1.19 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: VX000709.D
 Acq: 07 Apr 2018 11:13

Tgt Ion: 117 Resp: 6255
 Ion Ratio Lower Upper
 117 100
 119 86.1 76.7 115.1
 121 33.4 24.7 37.1

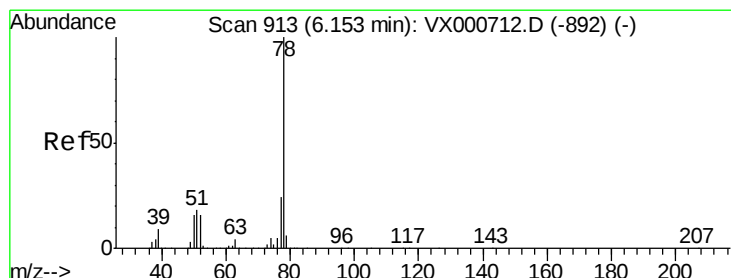
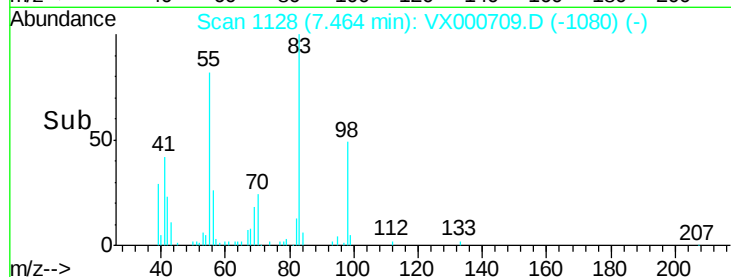
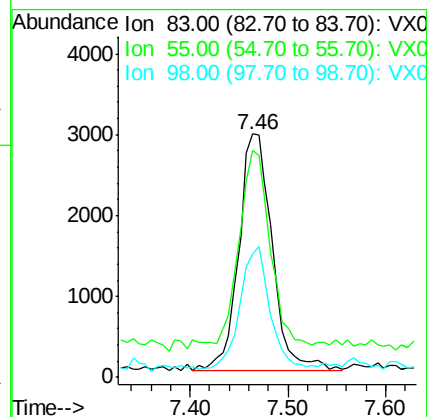
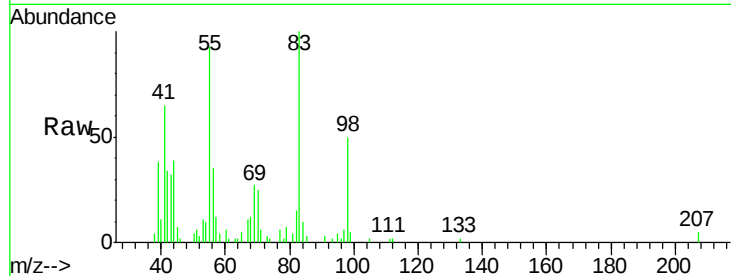




#39
Methylcyclohexane
Concen: 1.38 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000709.D
Acq: 07 Apr 2018 11:13

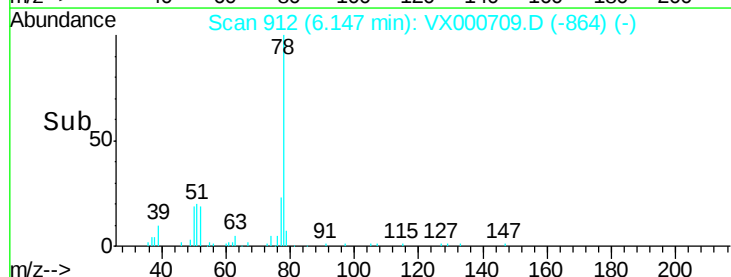
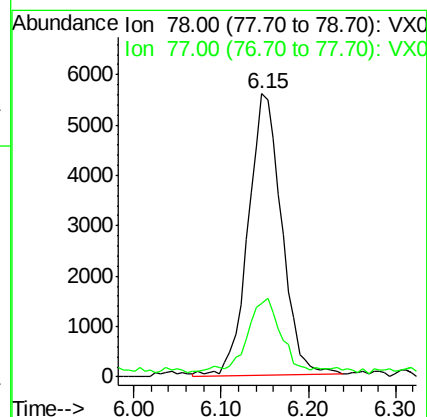
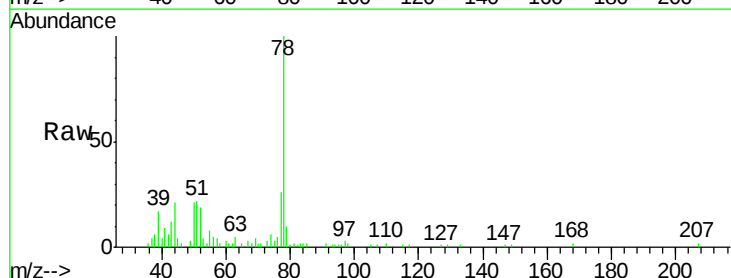
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

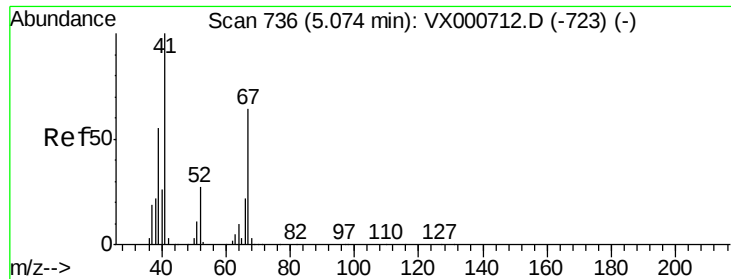
Tgt Ion: 83 Resp: 6901
Ion Ratio Lower Upper
83 100
55 82.3 63.7 95.5
98 47.5 37.2 55.8



#40
Benzene
Concen: 1.17 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000709.D
Acq: 07 Apr 2018 11:13

Tgt Ion: 78 Resp: 14778
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4

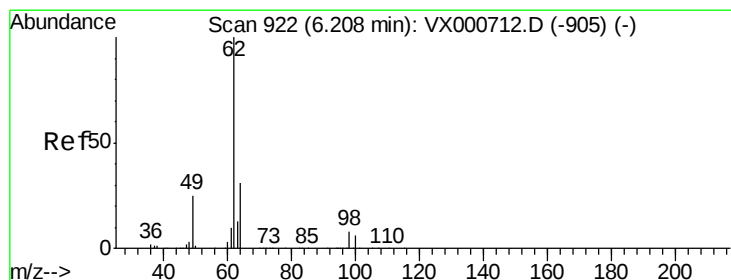
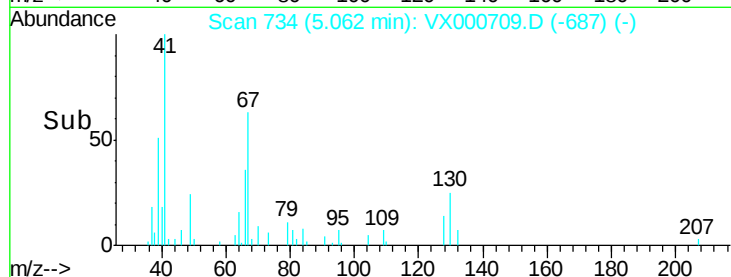
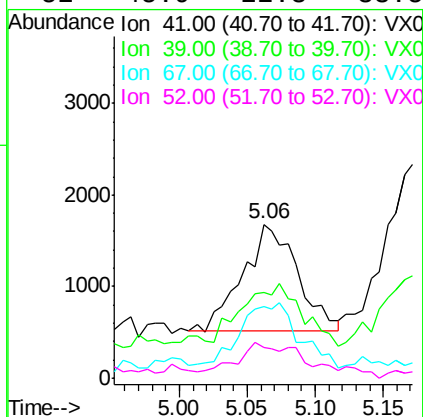
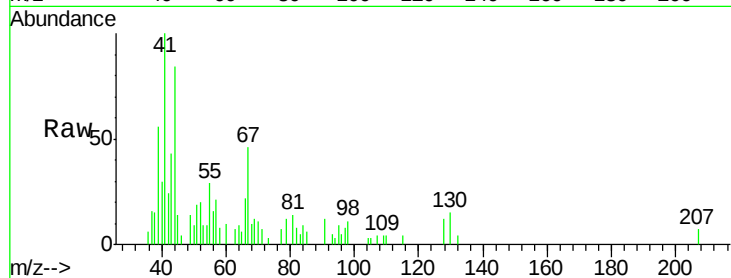




#41
Methacrylonitrile
Concen: 1.11 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX000709.D
Acq: 07 Apr 2018 11:13

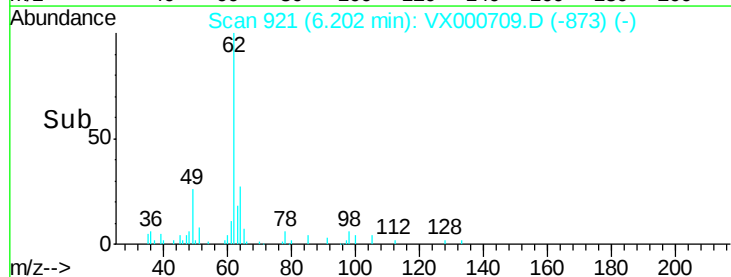
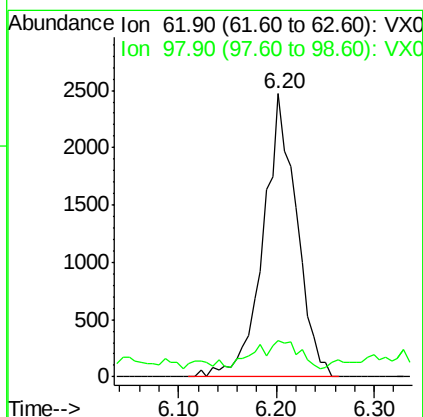
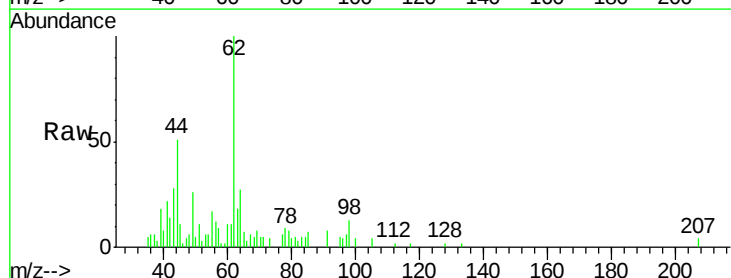
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

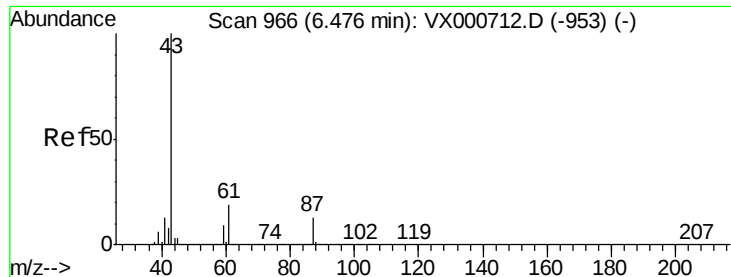
Tgt Ion: 41 Resp: 3229
Ion Ratio Lower Upper
41 100
39 68.7 45.3 67.9#
67 63.6 52.7 79.1
52 45.9 22.3 33.5#



#42
1,2-Dichloroethane
Concen: 1.17 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000709.D
Acq: 07 Apr 2018 11:13

Tgt Ion: 62 Resp: 5874
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.2





#43

Isopropyl Acetate

Concen: 1.17 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

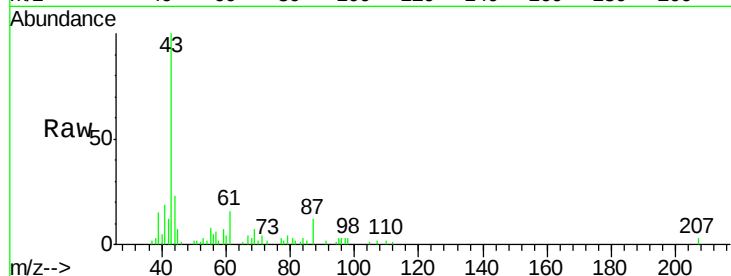
Tgt Ion: 43 Resp: 10145

Ion Ratio Lower Upper

43 100

61 18.8 15.4 23.0

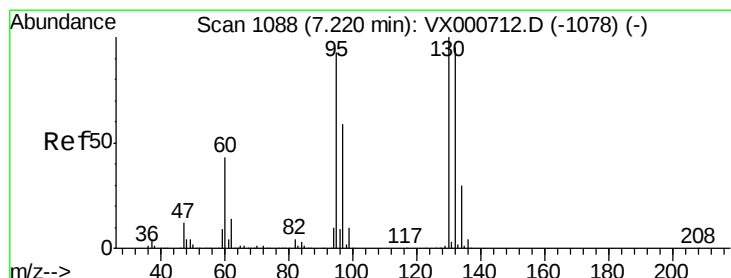
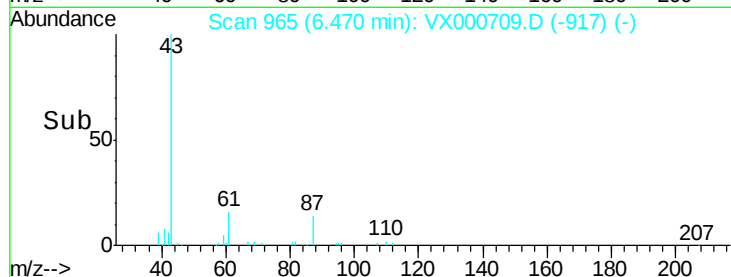
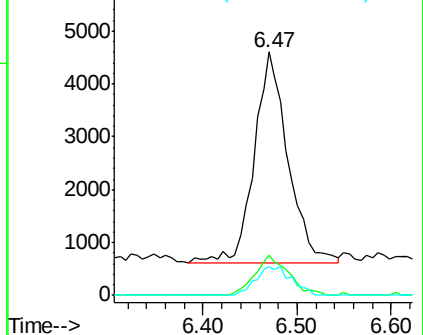
87 14.2 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 1.13 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX000709.D

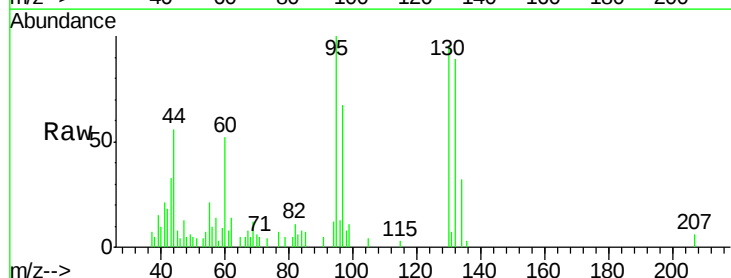
Acq: 07 Apr 2018 11:13

Tgt Ion: 130 Resp: 4404

Ion Ratio Lower Upper

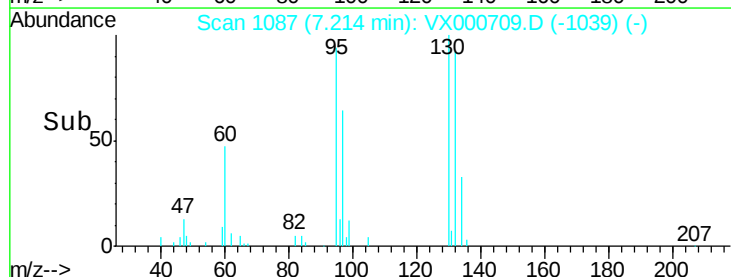
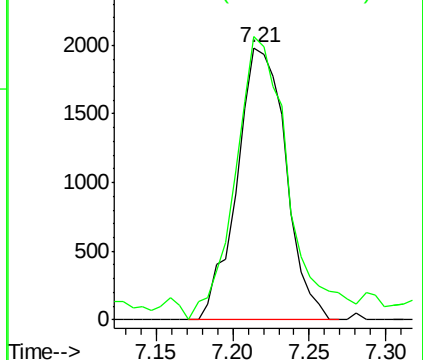
130 100

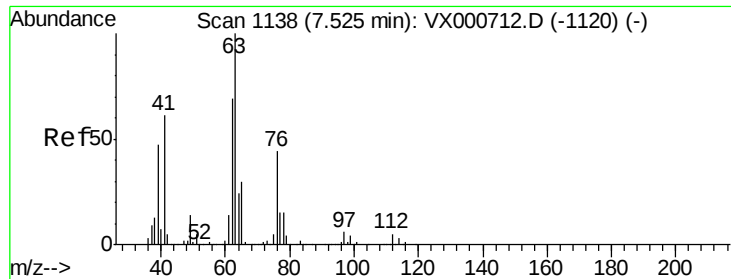
95 103.9 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

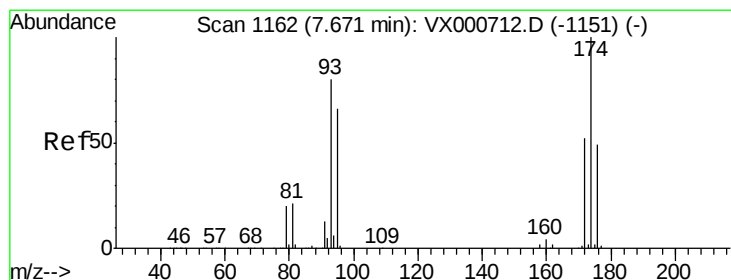
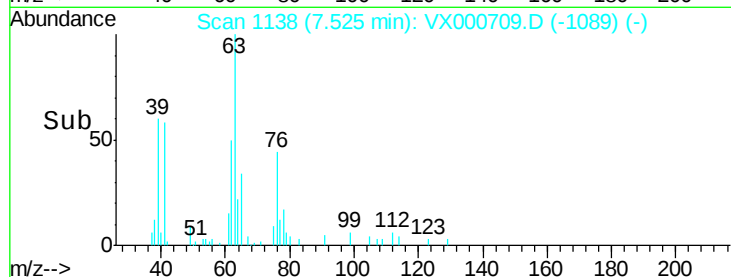
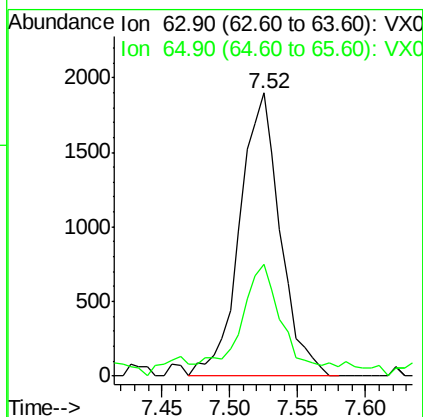
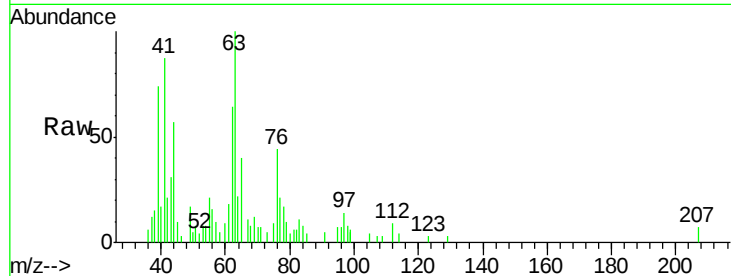




#45
 1,2-Dichloropropane
 Concen: 1.16 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000709.D
 Acq: 07 Apr 2018 11:13

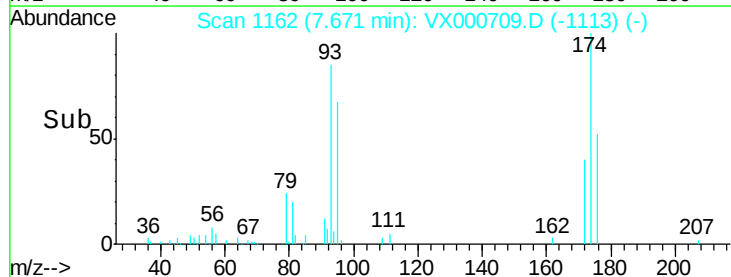
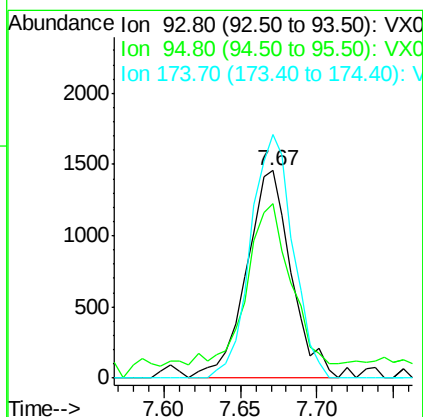
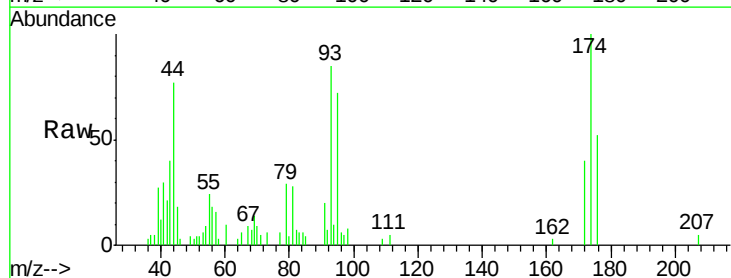
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

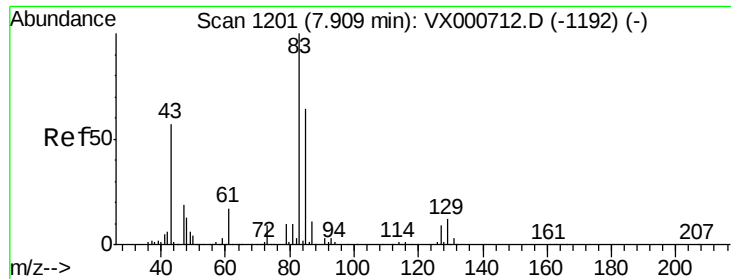
Tgt Ion: 63 Resp: 3951
 Ion Ratio Lower Upper
 63 100
 65 36.1 24.2 36.2



#46
 Dibromomethane
 Concen: 1.27 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000709.D
 Acq: 07 Apr 2018 11:13

Tgt Ion: 93 Resp: 2973
 Ion Ratio Lower Upper
 93 100
 95 76.4 66.0 99.0
 174 110.4 100.2 150.2





#47

Bromodichloromethane

Concen: 1.15 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

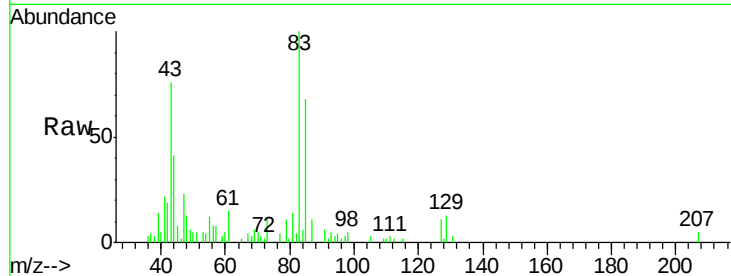
Tgt Ion: 83 Resp: 5652

Ion Ratio Lower Upper

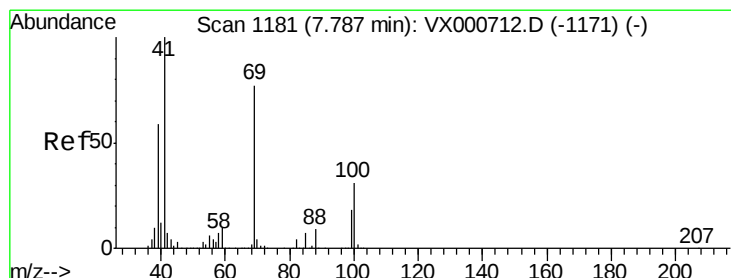
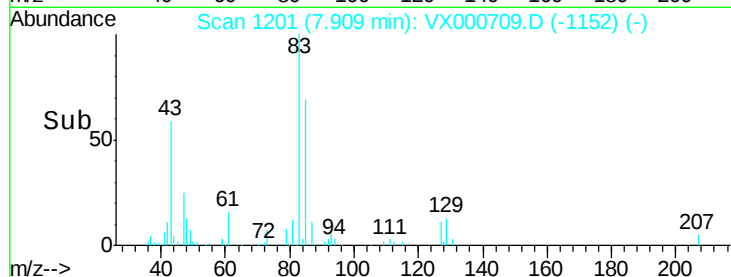
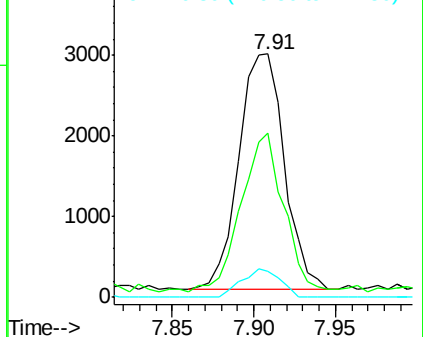
83 100

85 67.8 51.0 76.4

127 11.0 7.4 11.2



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: 1.05 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

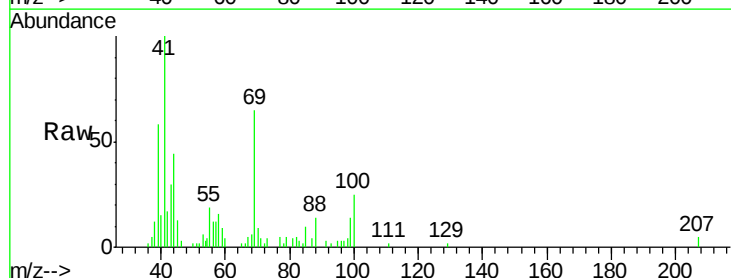
Tgt Ion: 41 Resp: 4642

Ion Ratio Lower Upper

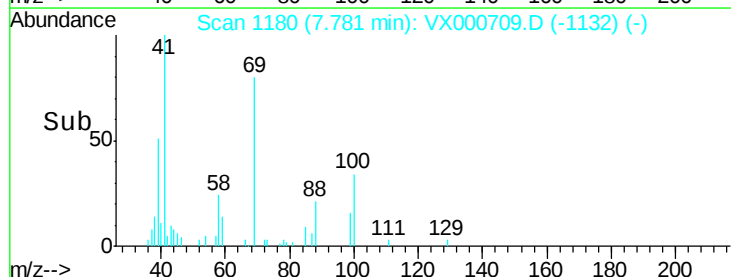
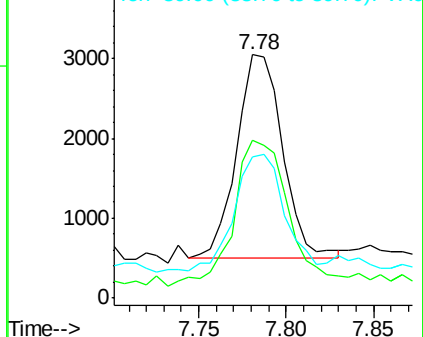
41 100

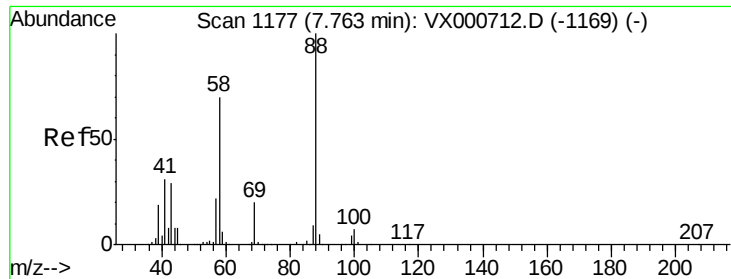
69 86.3 62.0 93.0

39 68.1 47.0 70.4



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

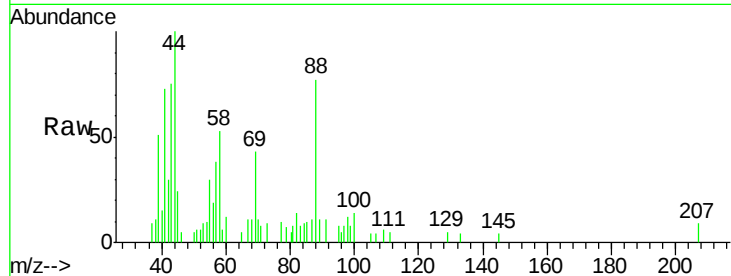




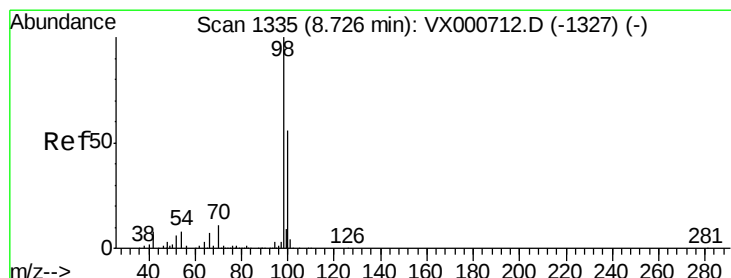
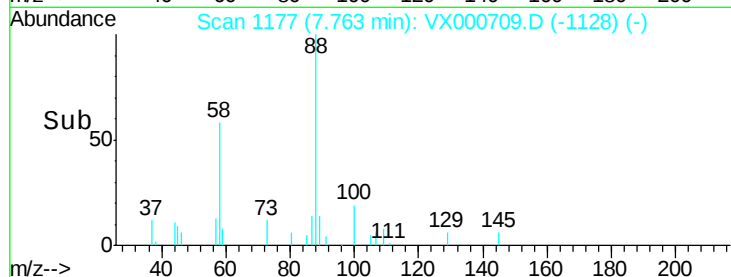
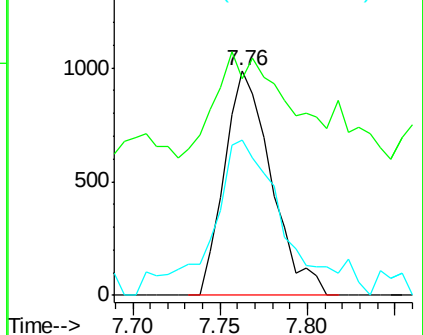
#49
 1,4-Dioxane
 Concen: 20.47 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX000709.D
 Acq: 07 Apr 2018 11:13

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tgt Ion: 88 Resp: 1842
 Ion Ratio Lower Upper
 88 100
 43 69.9 27.9 41.9#
 58 107.6 57.0 85.4#

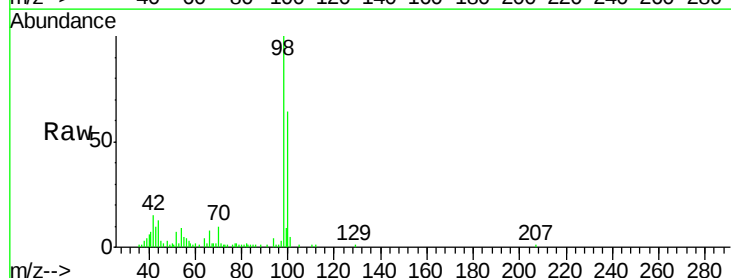


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

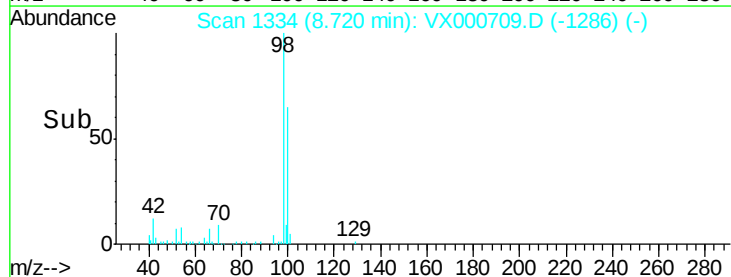
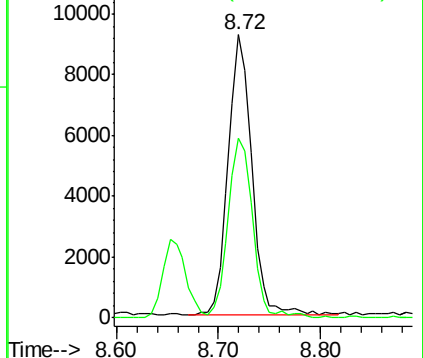


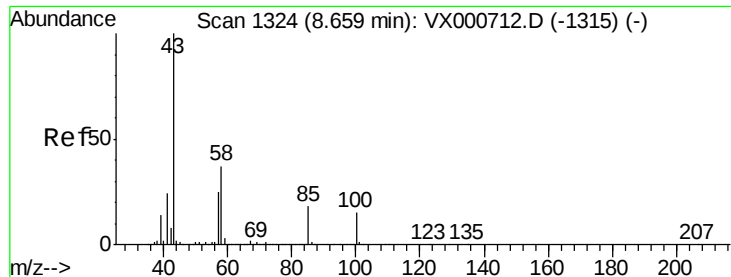
#50
 Toluene-d8
 Concen: 1.13 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: VX000709.D
 Acq: 07 Apr 2018 11:13

Tgt Ion: 98 Resp: 14873
 Ion Ratio Lower Upper
 98 100
 100 66.3 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0

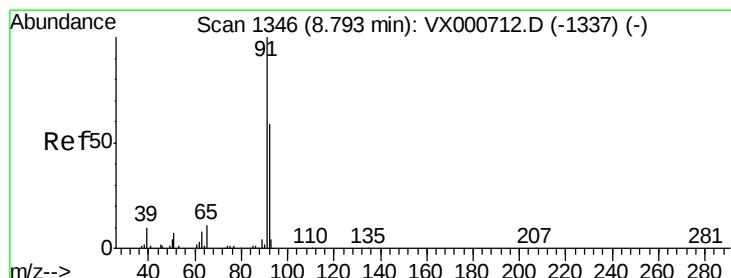
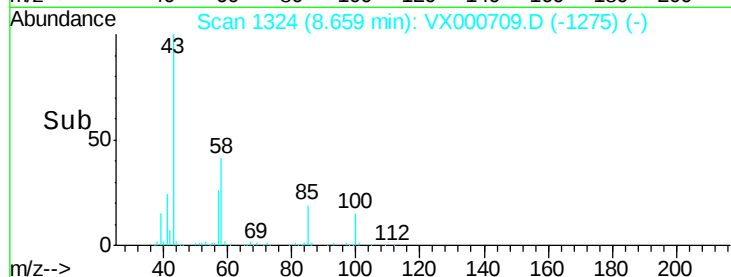
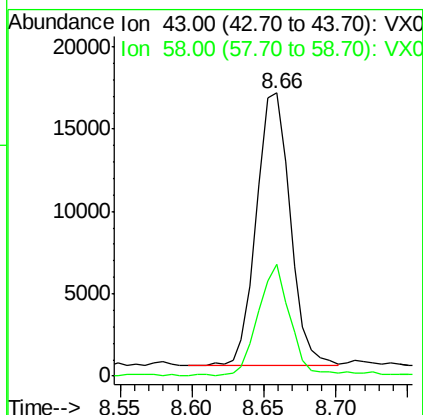
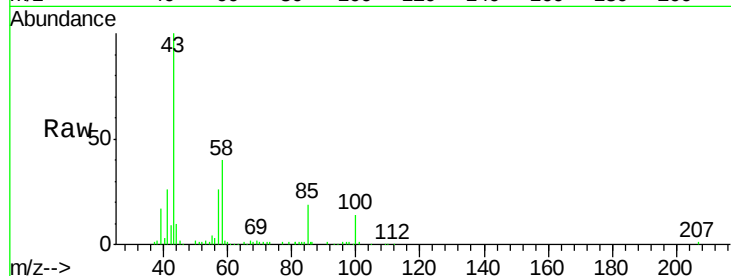




#51
 4-Methyl-2-Pentanone
 Concen: 5.23 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX000709.D
 Acq: 07 Apr 2018 11:13

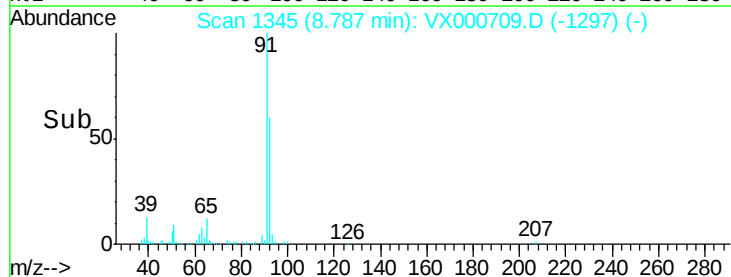
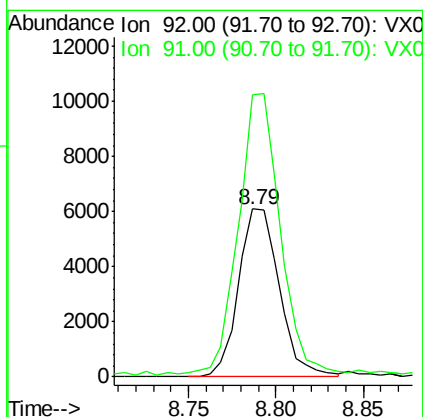
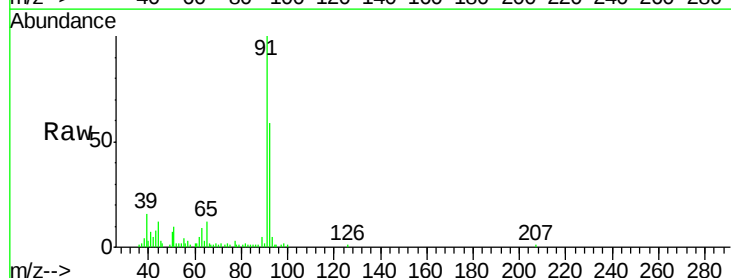
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

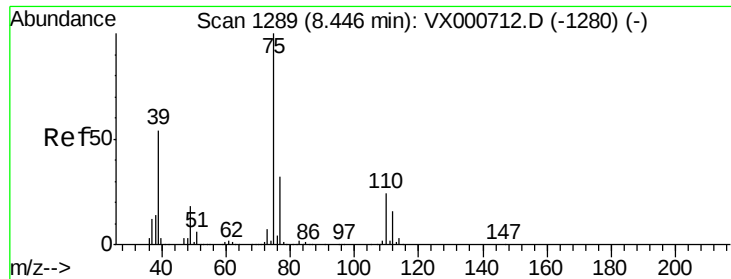
Tgt Ion: 43 Resp: 26898
 Ion Ratio Lower Upper
 43 100
 58 39.3 30.6 46.0



#52
 Toluene
 Concen: 1.17 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX000709.D
 Acq: 07 Apr 2018 11:13

Tgt Ion: 92 Resp: 9894
 Ion Ratio Lower Upper
 92 100
 91 167.8 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 1.12 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

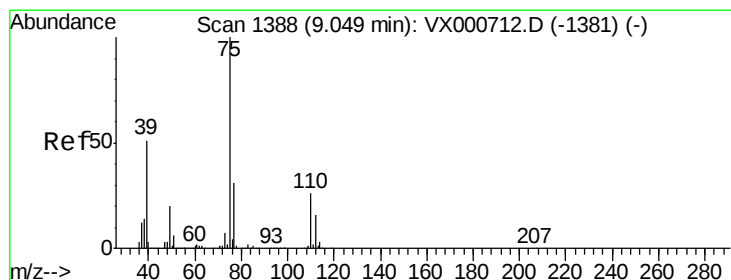
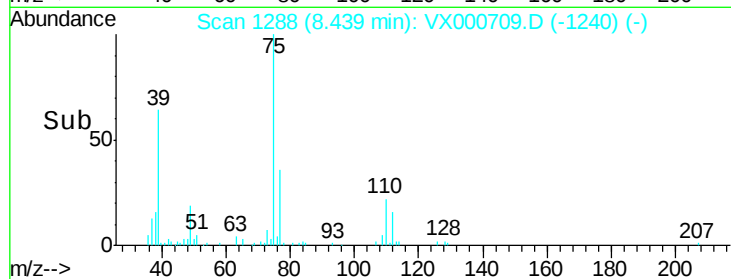
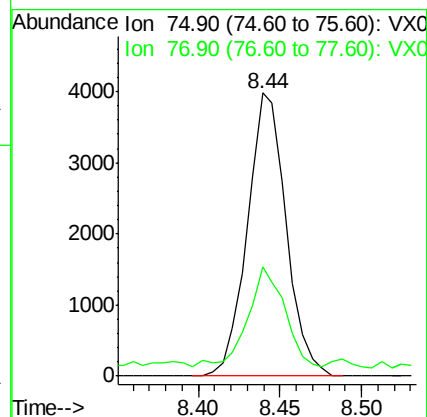
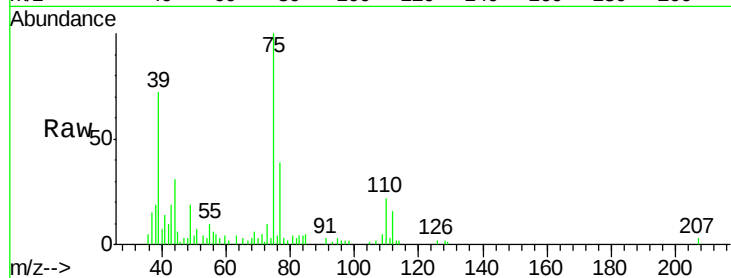
VSTDIC001

Tgt Ion: 75 Resp: 6582

Ion Ratio Lower Upper

75 100

77 35.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 1.10 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

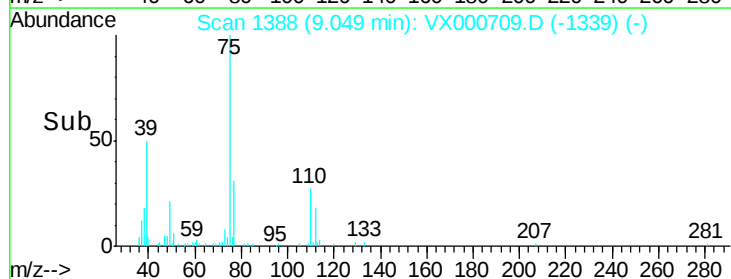
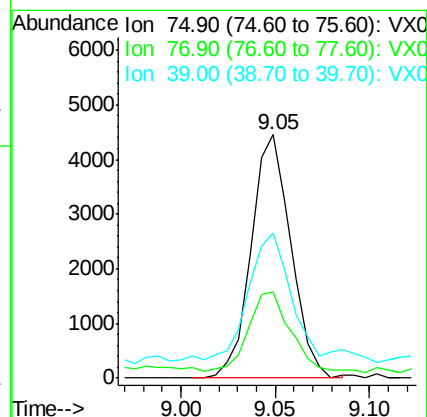
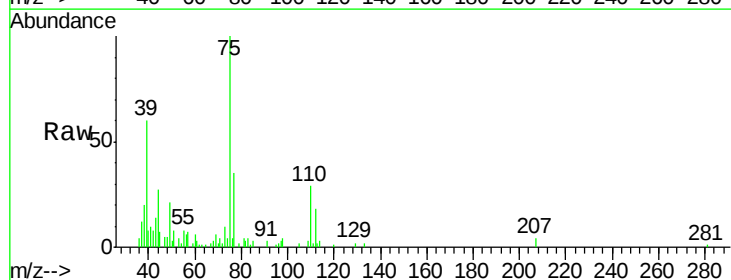
Tgt Ion: 75 Resp: 6492

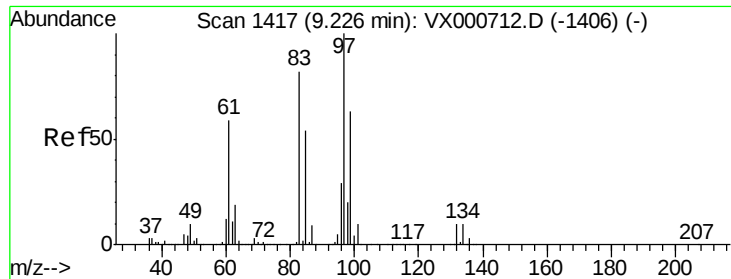
Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

39 50.8 40.5 60.7

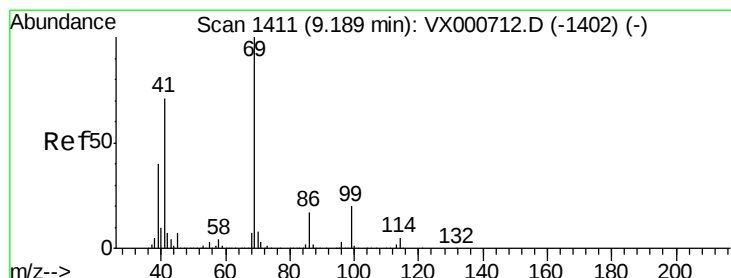
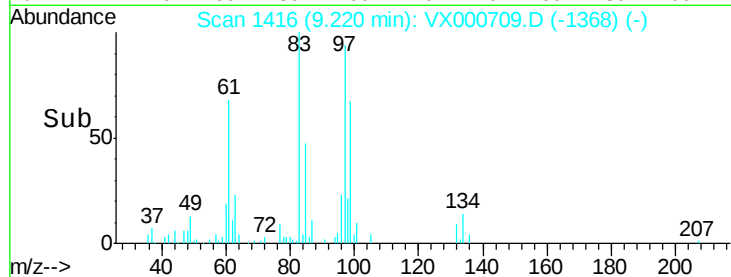
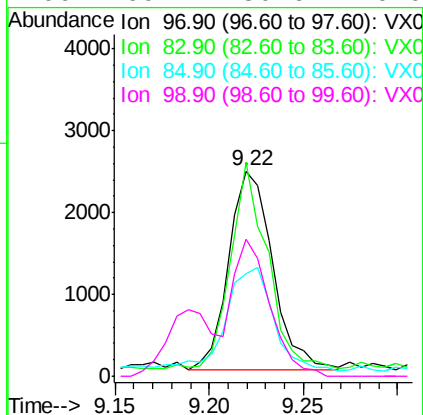
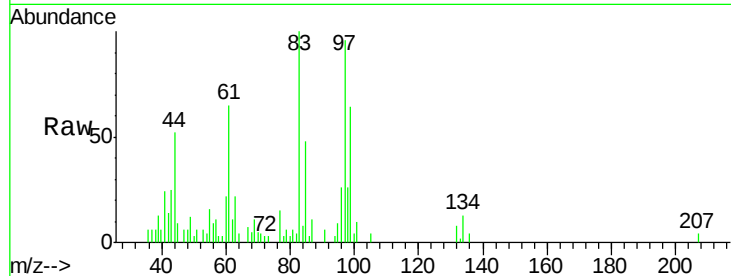




#55
 1,1,2-Trichloroethane
 Concen: 1.12 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000709.D
 Acq: 07 Apr 2018 11:13

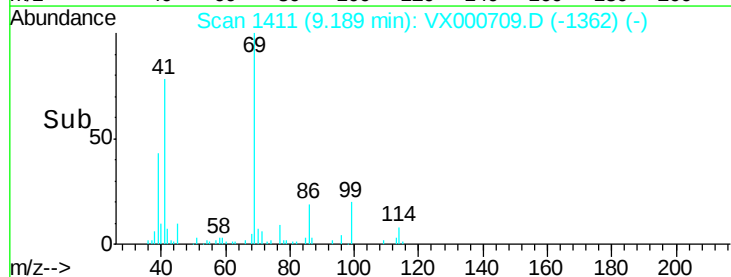
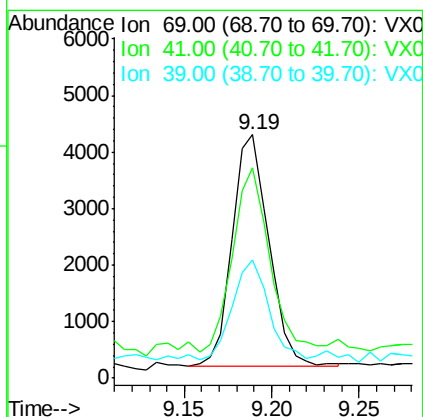
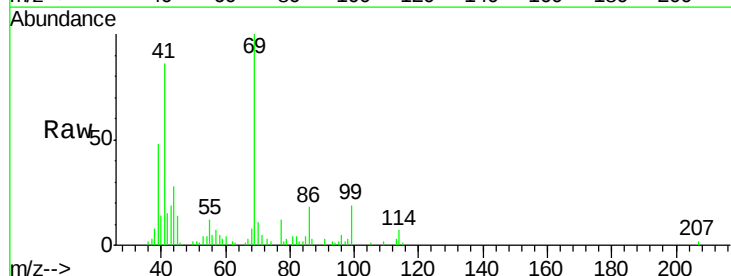
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

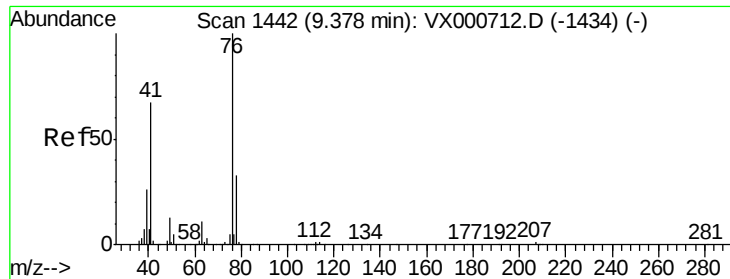
Tgt Ion:	97	Resp:	3914
Ion	Ratio	Lower	Upper
97	100		
83	103.9	65.7	98.5#
85	48.9	42.8	64.2
99	69.4	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 1.06 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000709.D
 Acq: 07 Apr 2018 11:13

Tgt Ion:	69	Resp:	6004
Ion	Ratio	Lower	Upper
69	100		
41	79.0	56.4	84.6
39	43.9	31.4	47.2





#57

1,3-Dichloropropane

Concen: 1.14 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

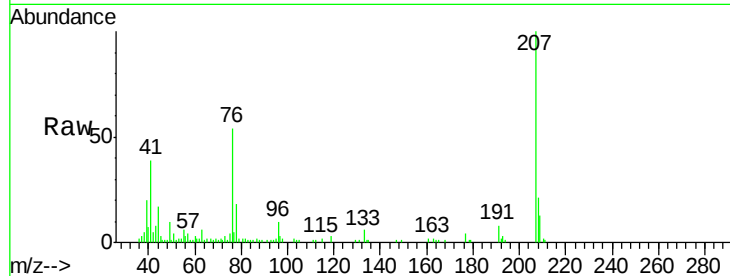
VSTDIC001

Tgt Ion: 76 Resp: 6420

Ion Ratio Lower Upper

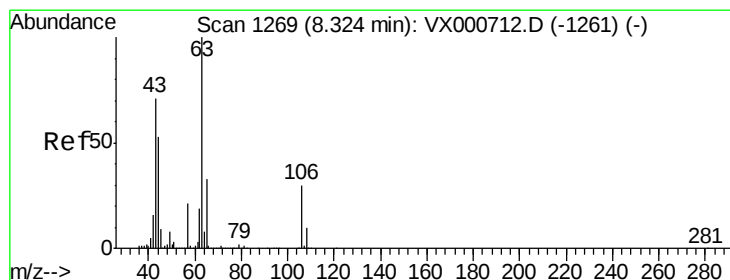
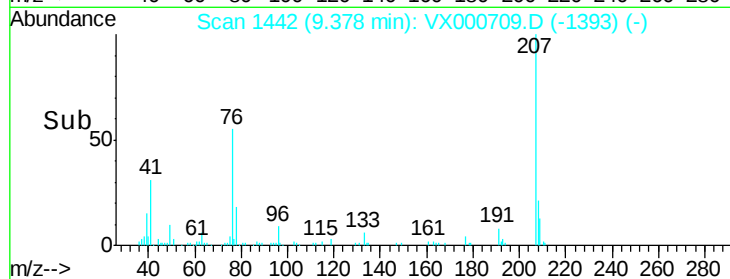
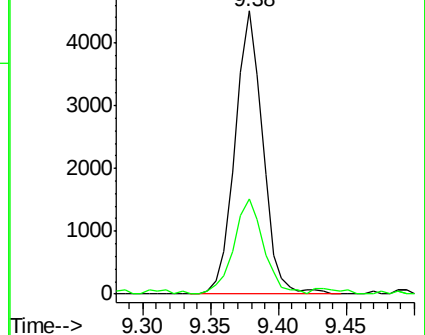
76 100

78 36.3 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 6.52 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000709.D

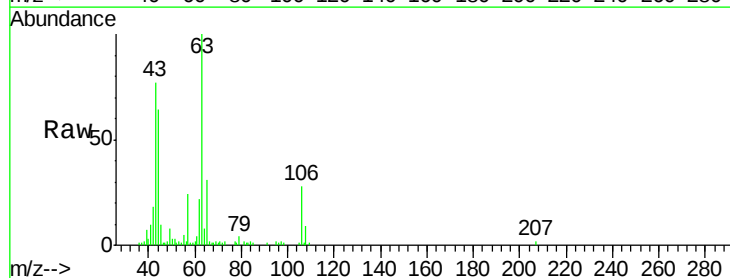
Acq: 07 Apr 2018 11:13

Tgt Ion: 63 Resp: 15675

Ion Ratio Lower Upper

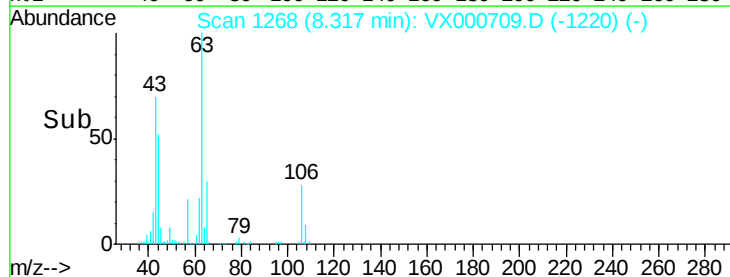
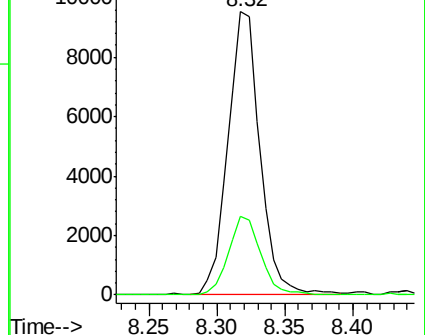
63 100

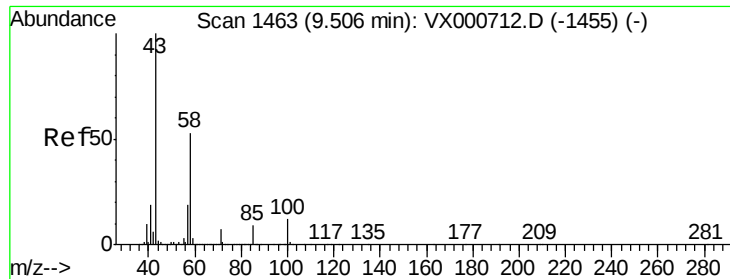
106 27.8 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

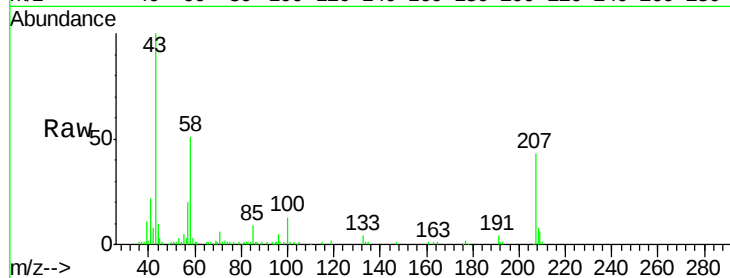




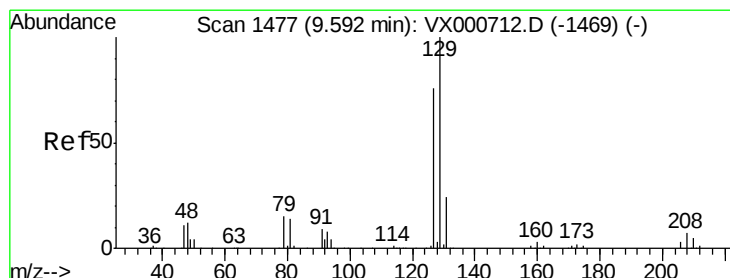
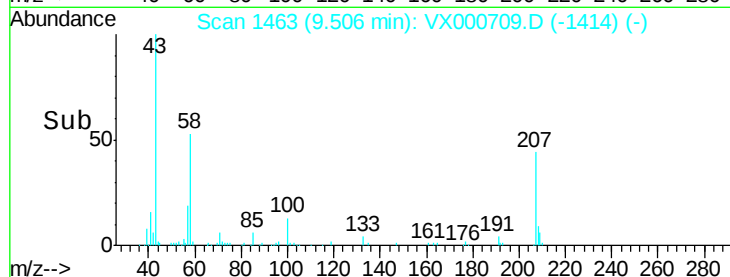
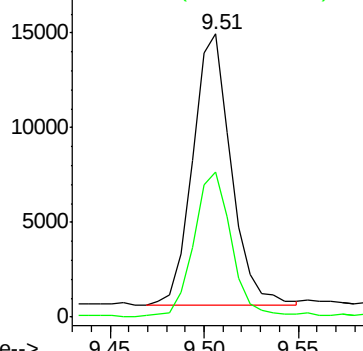
#59
2-Hexanone
Concen: 5.08 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000709.D
Acq: 07 Apr 2018 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 20090
Ion Ratio Lower Upper
43 100
58 52.4 25.9 77.8

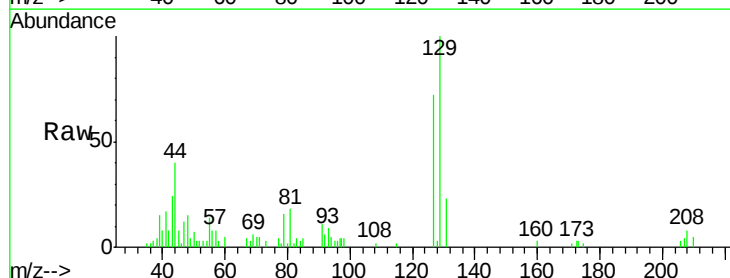


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

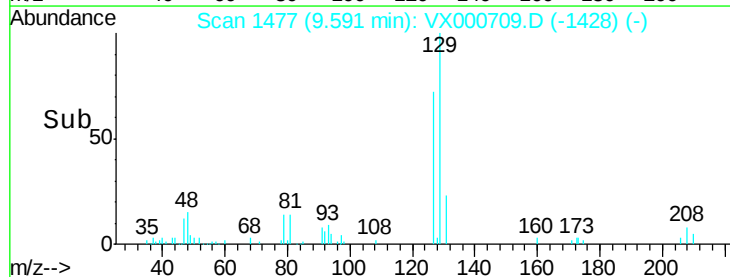
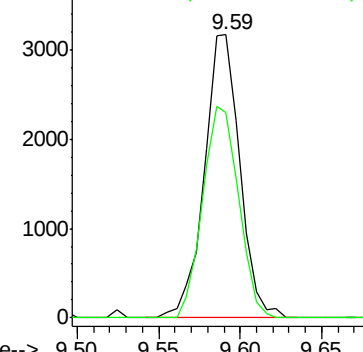


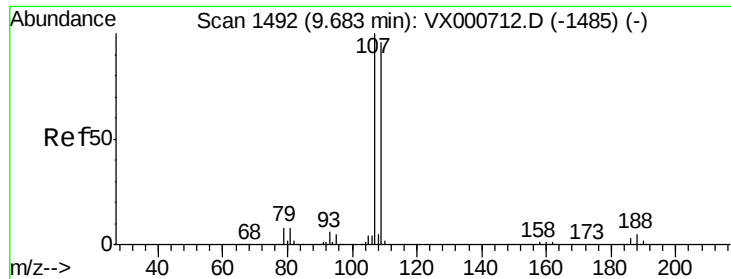
#60
Dibromochloromethane
Concen: 1.10 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000709.D
Acq: 07 Apr 2018 11:13

Tgt Ion: 129 Resp: 4807
Ion Ratio Lower Upper
129 100
127 75.4 38.2 114.6



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 1.17 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

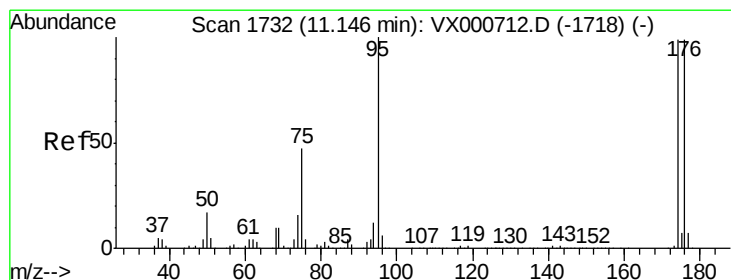
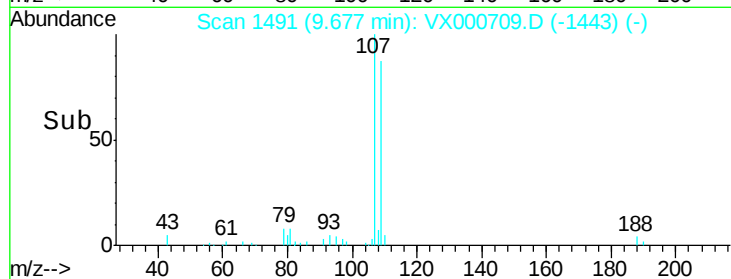
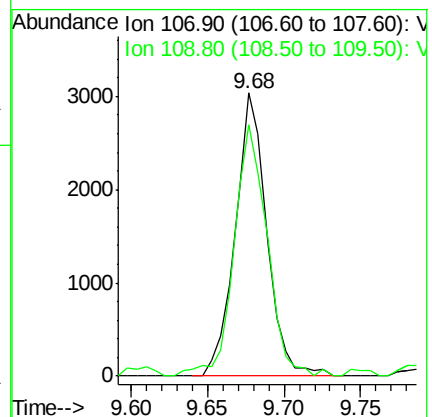
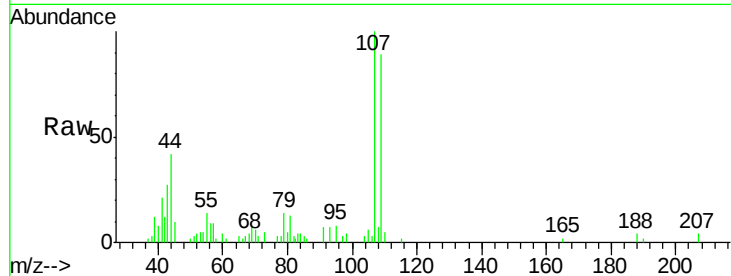
VSTDIC001

Tgt Ion: 107 Resp: 4344

Ion Ratio Lower Upper

107 100

109 93.3 76.6 115.0



#62

4-Bromofluorobenzene

Concen: 1.20 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

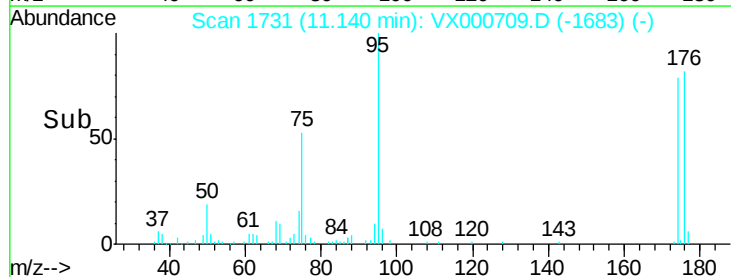
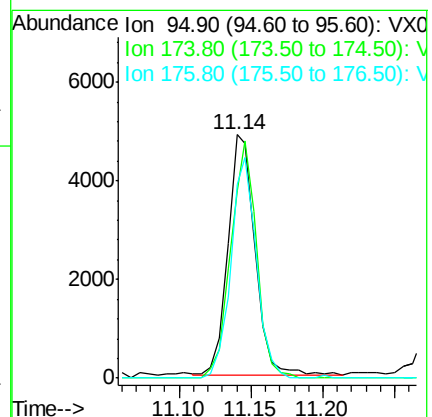
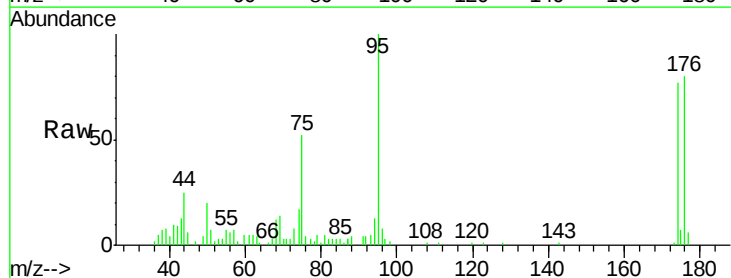
Tgt Ion: 95 Resp: 6405

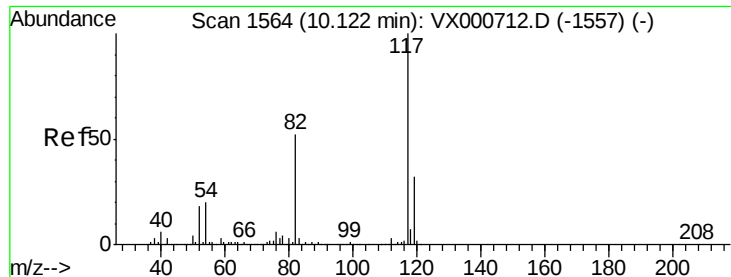
Ion Ratio Lower Upper

95 100

174 94.4 0.0 191.6

176 87.1 0.0 187.0

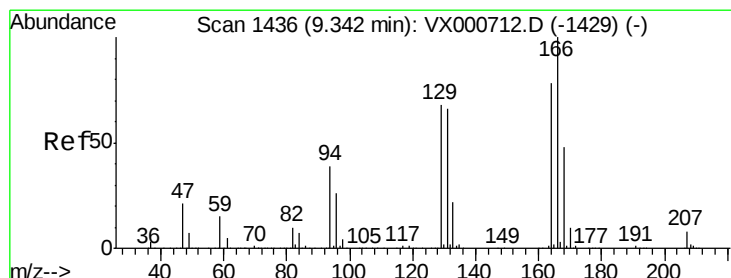
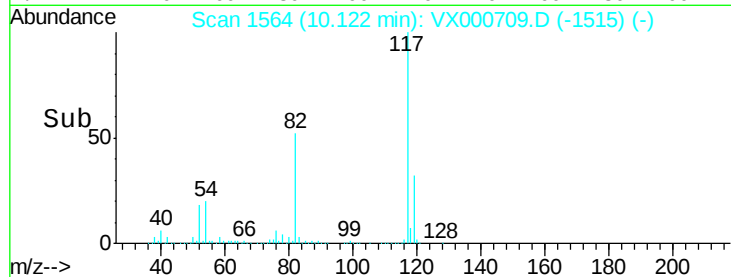
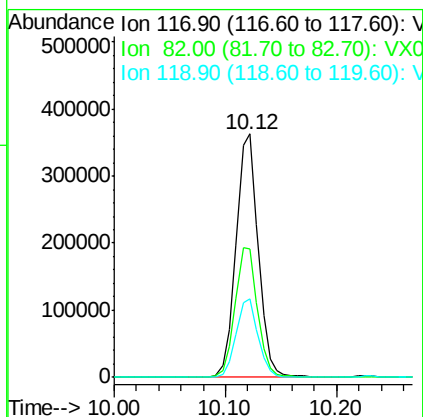
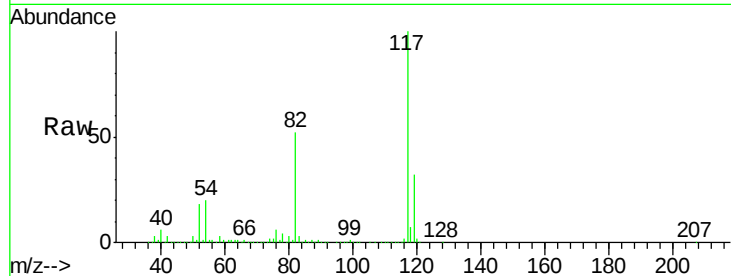




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000709.D
Acq: 07 Apr 2018 11:13

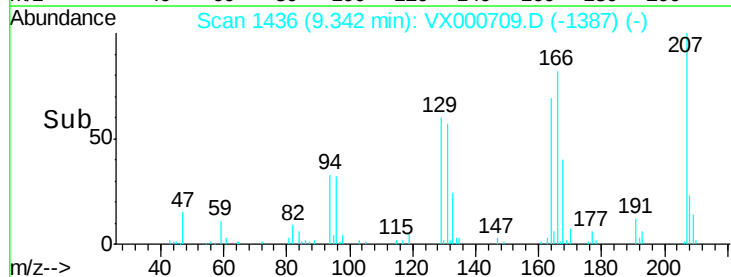
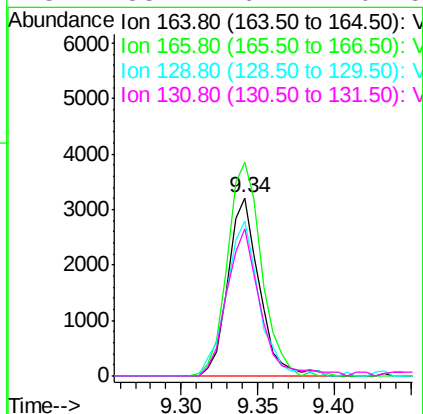
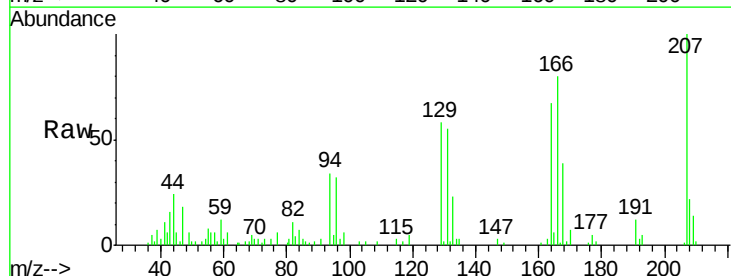
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

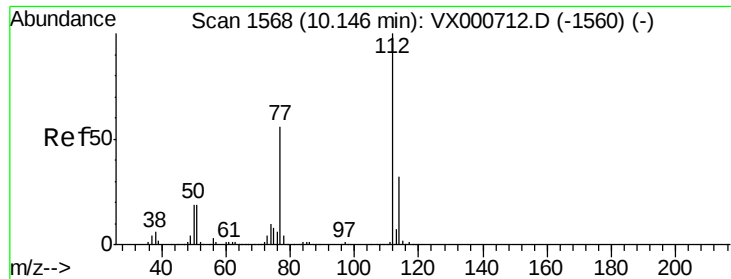
Tgt Ion:117 Resp: 501201
Ion Ratio Lower Upper
117 100
82 52.5 41.9 62.9
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 1.21 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000709.D
Acq: 07 Apr 2018 11:13

Tgt Ion:164 Resp: 4564
Ion Ratio Lower Upper
164 100
166 120.0 102.4 153.6
129 87.1 69.3 103.9
131 83.1 67.7 101.5





#65

Chlorobenzene

Concen: 1.17 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

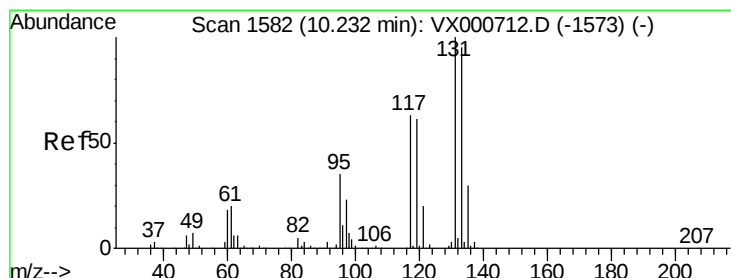
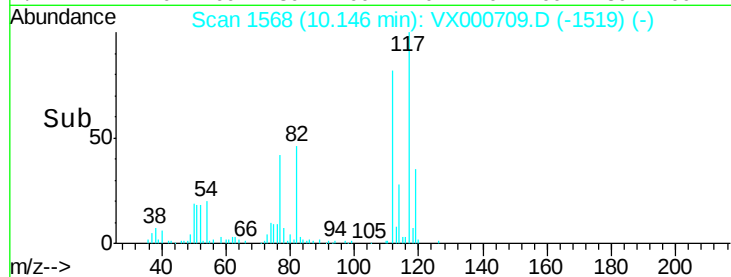
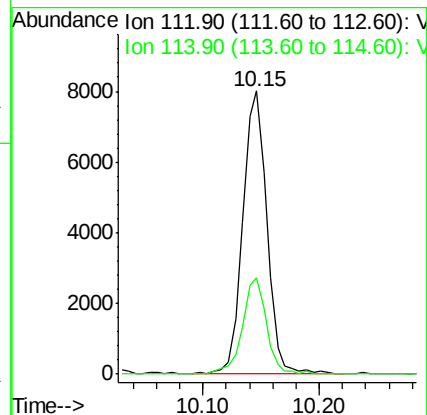
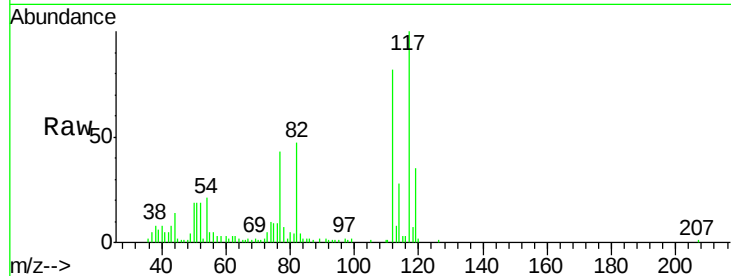
VSTDIC001

Tgt Ion:112 Resp: 11642

Ion Ratio Lower Upper

112 100

114 34.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 1.16 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

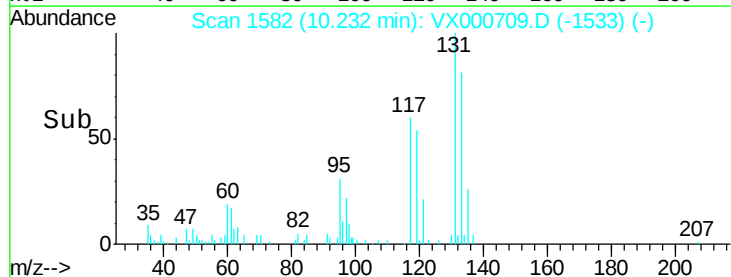
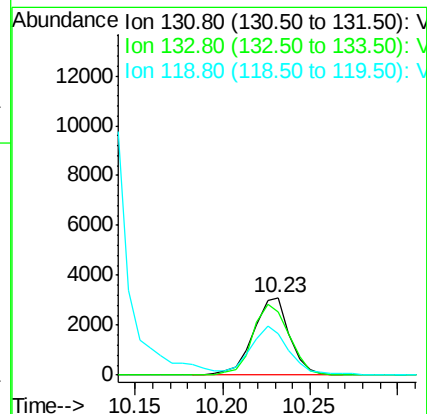
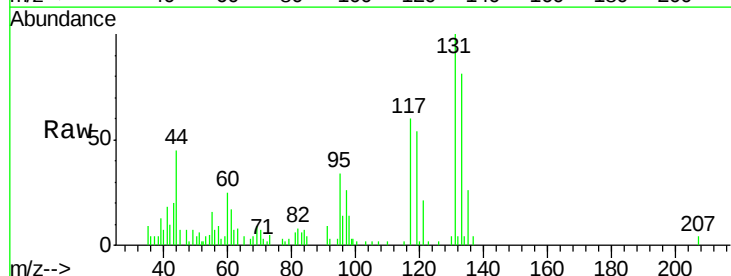
Tgt Ion:131 Resp: 4506

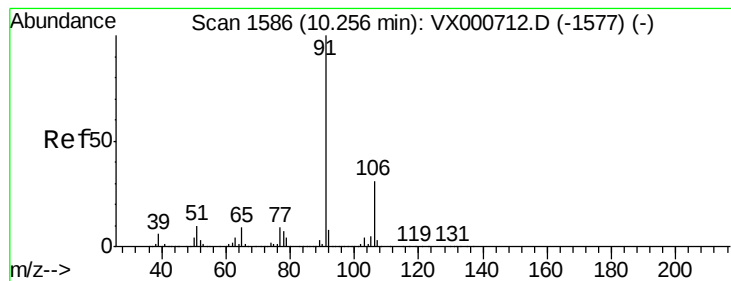
Ion Ratio Lower Upper

131 100

133 91.1 48.0 144.2

119 0.0 31.5 94.5#





#67

Ethyl Benzene

Concen: 1.19 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampled :

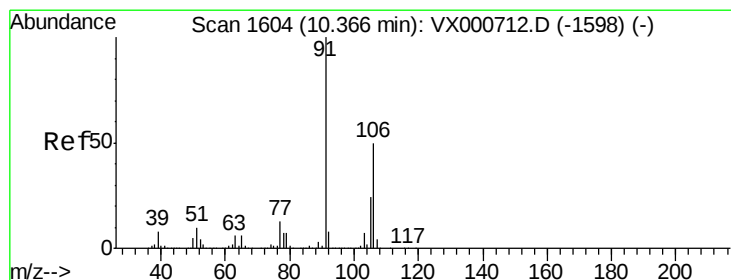
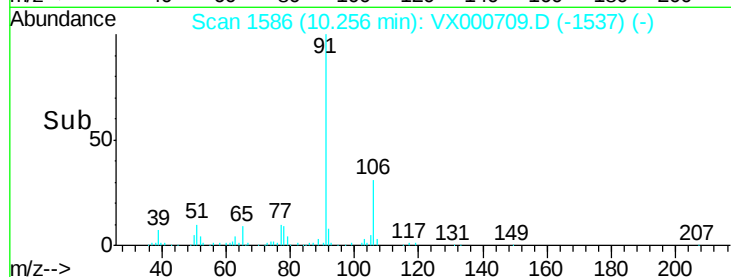
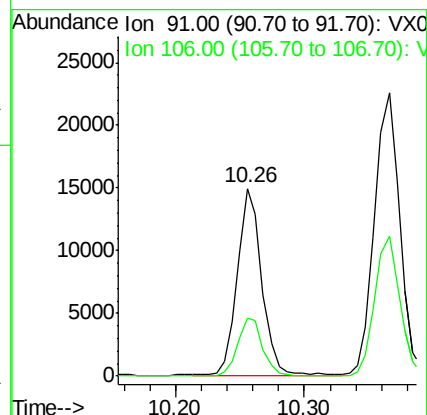
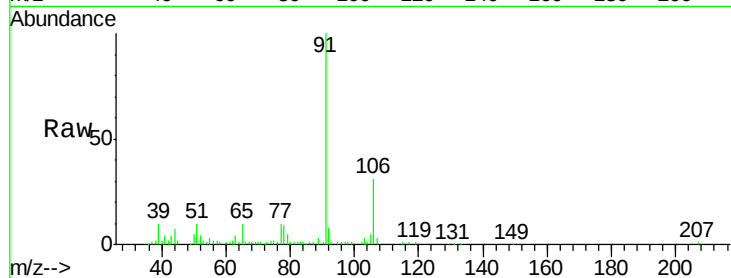
VSTDIC001

Tgt Ion: 91 Resp: 19749

Ion Ratio Lower Upper

91 100

106 31.3 25.1 37.7



#68

m/p-Xylenes

Concen: 2.33 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000709.D

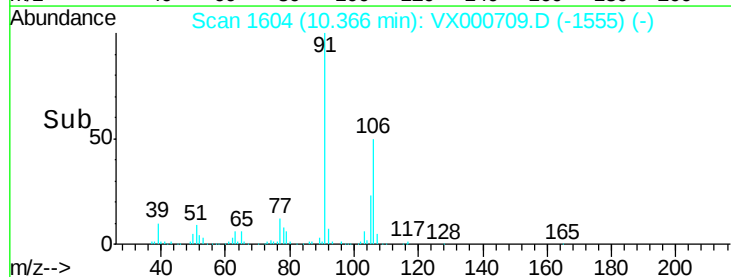
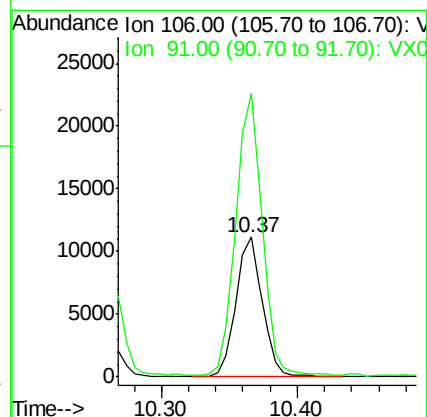
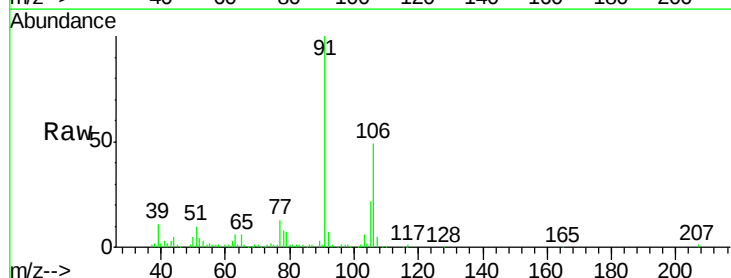
Acq: 07 Apr 2018 11:13

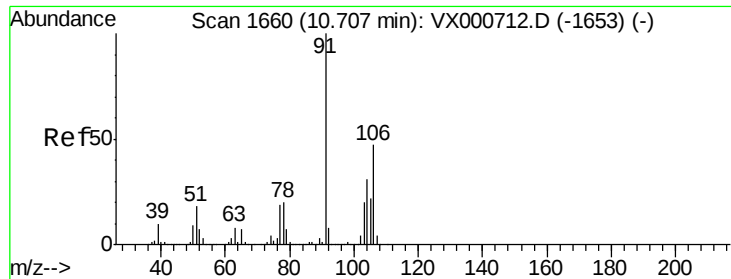
Tgt Ion: 106 Resp: 15153

Ion Ratio Lower Upper

106 100

91 201.4 159.7 239.5

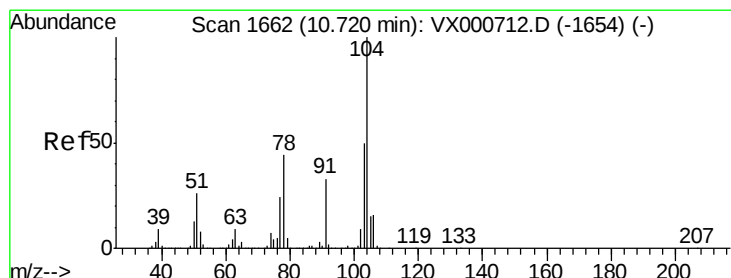
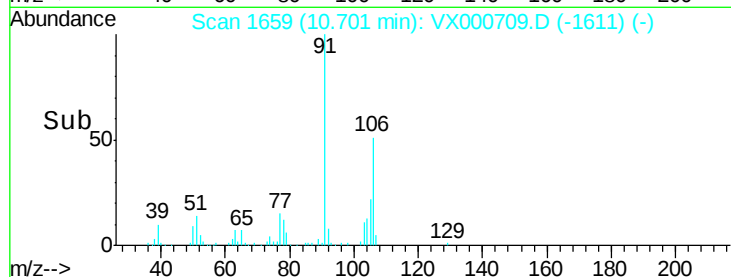
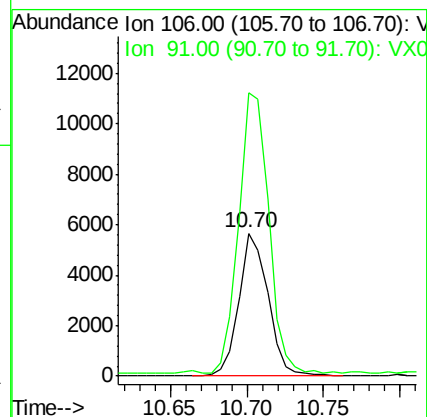
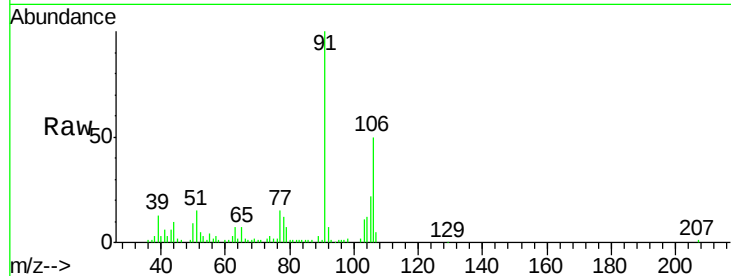




#69
o-Xylene
Concen: 1.18 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX000709.D
Acq: 07 Apr 2018 11:13

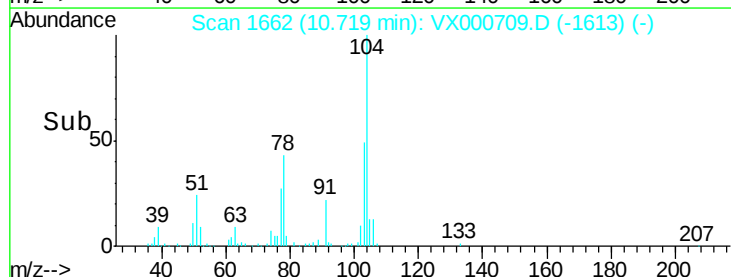
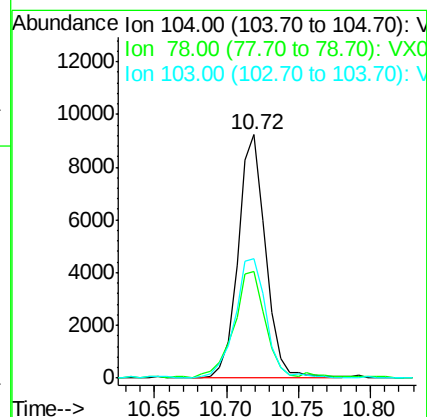
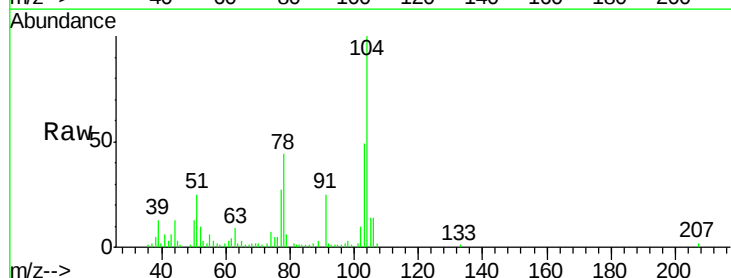
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

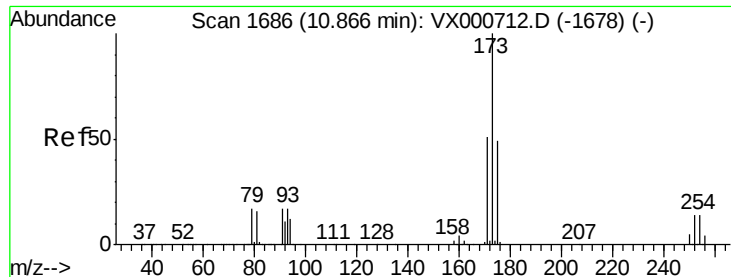
Tgt Ion:106 Resp: 7516
Ion Ratio Lower Upper
106 100
91 201.5 106.1 318.3



#70
Styrene
Concen: 1.13 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000709.D
Acq: 07 Apr 2018 11:13

Tgt Ion:104 Resp: 12302
Ion Ratio Lower Upper
104 100
78 50.8 39.8 59.6
103 56.1 44.1 66.1





#71

Bromoform

Concen: 0.98 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

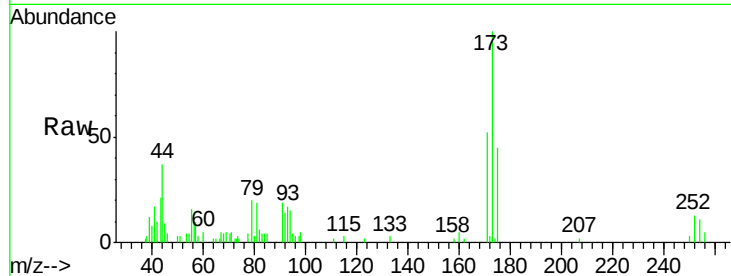
Tgt Ion:173 Resp: 3761

Ion Ratio Lower Upper

173 100

175 50.3 24.2 72.6

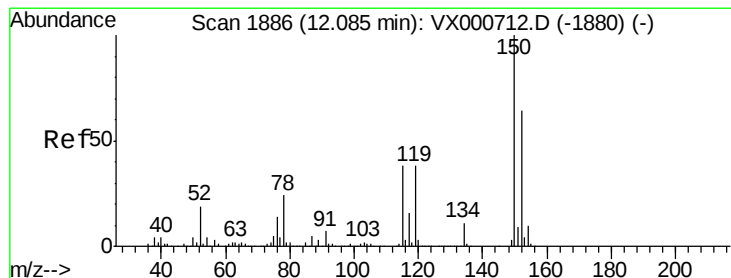
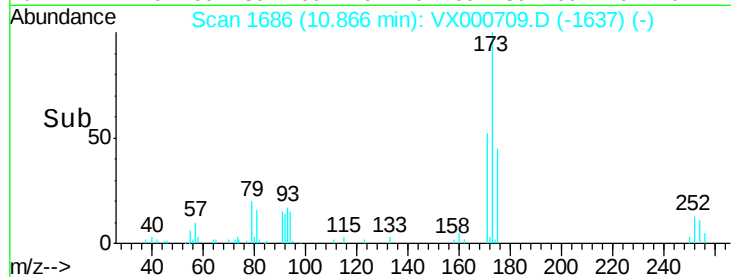
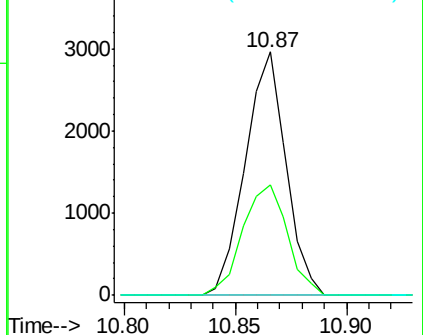
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

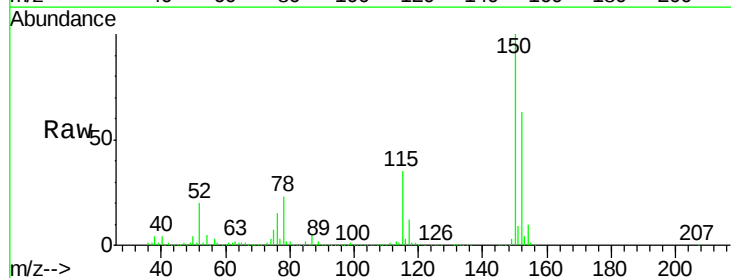
Tgt Ion:152 Resp: 289982

Ion Ratio Lower Upper

152 100

115 56.0 37.7 113.1

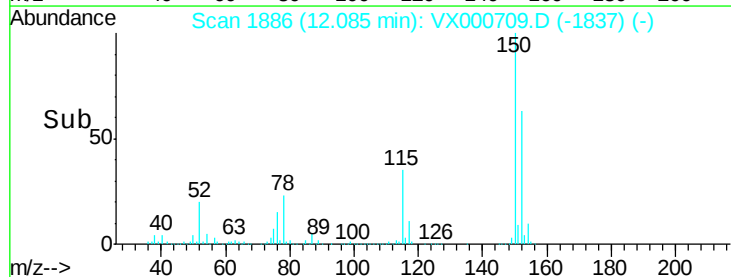
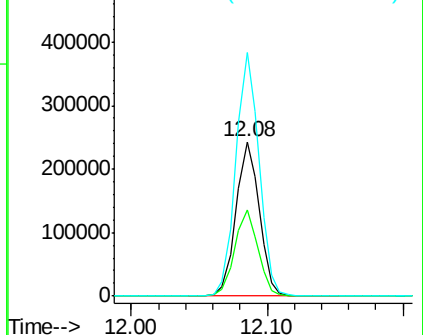
150 157.3 0.0 345.0

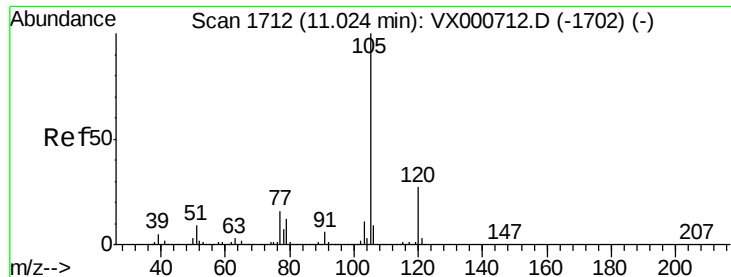


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.17 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

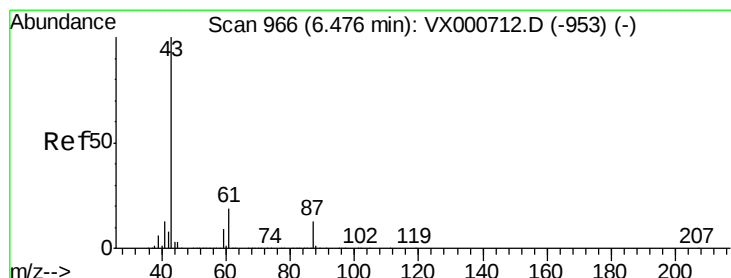
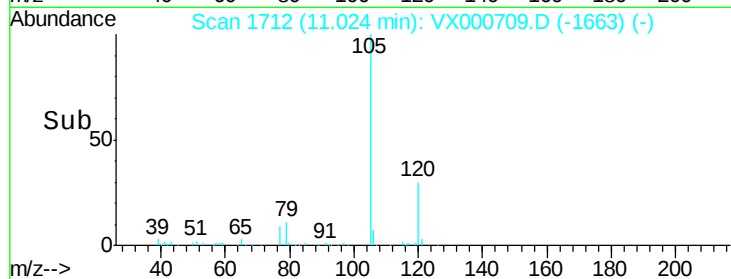
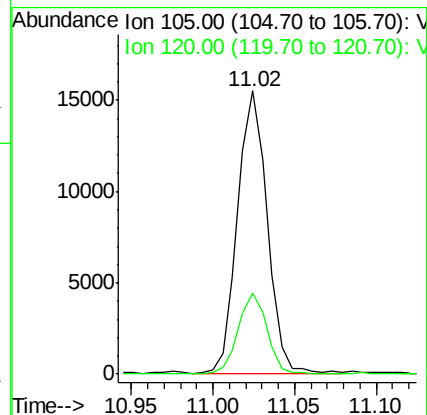
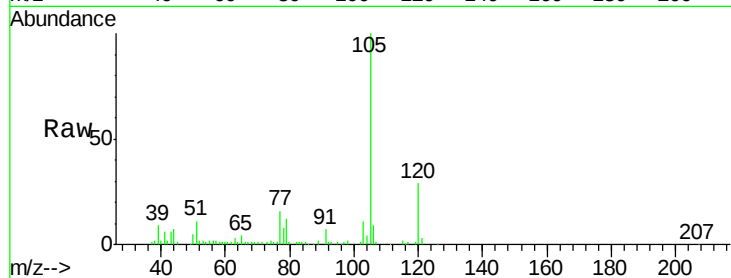
VSTDIC001

Tgt Ion: 105 Resp: 19862

Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.0



#74

N-ethyl acetate

Concen: 1.22 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Tgt Ion: 43 Resp: 10145

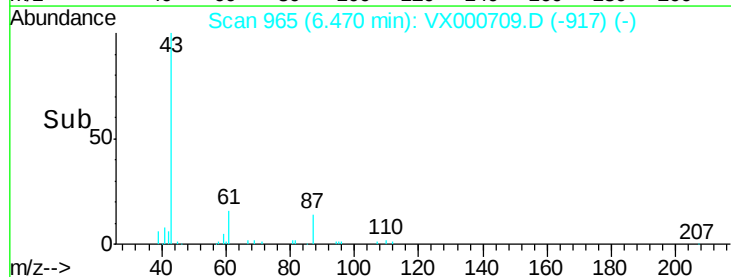
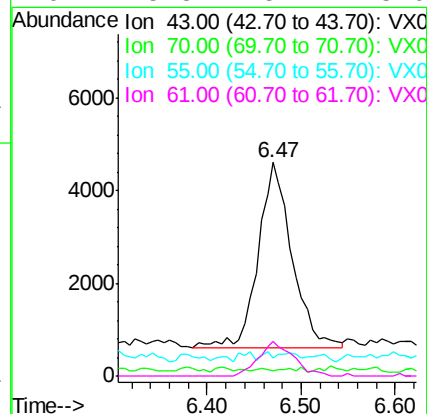
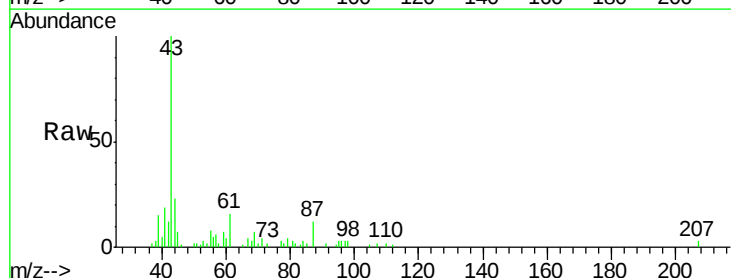
Ion Ratio Lower Upper

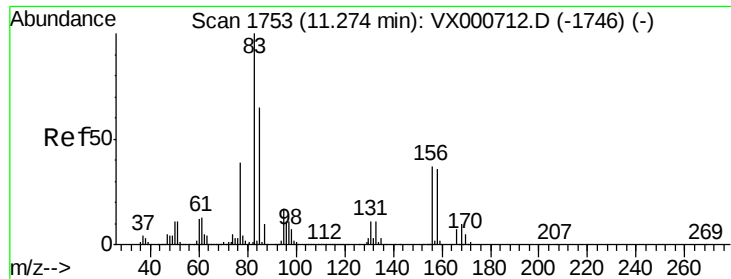
43 100

70 0.4 0.0 0.0#

55 1.2 0.0 0.0#

61 18.8 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.14 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

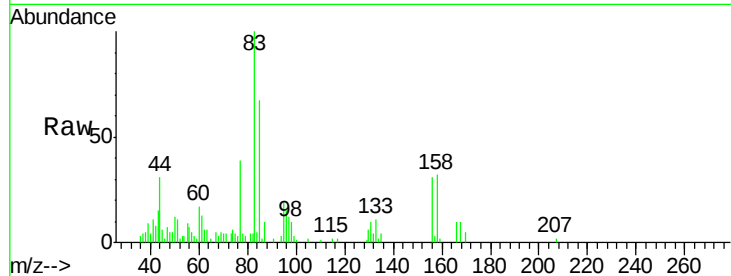
Tgt Ion: 83 Resp: 5743

Ion Ratio Lower Upper

83 100

131 11.1 5.9 17.7

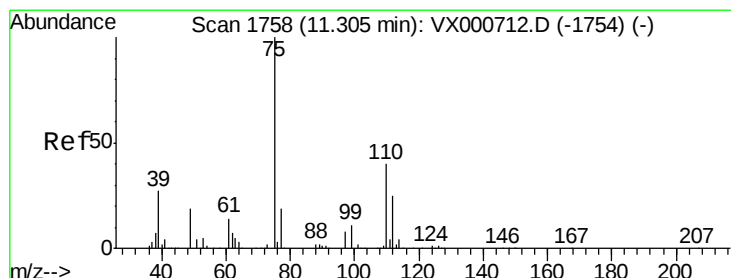
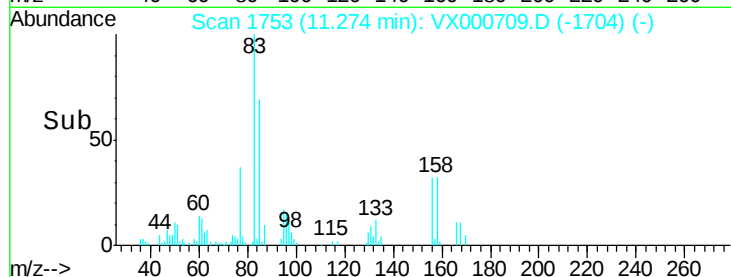
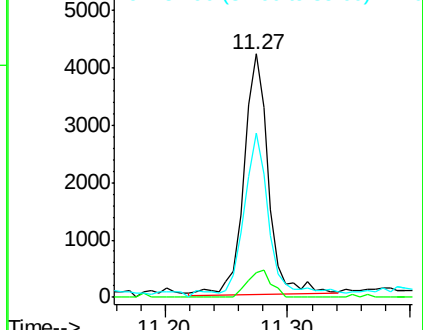
85 70.5 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VX000712.D (-1746) (-)

Ion 130.80 (130.50 to 131.50): VX000712.D (-1746) (-)

Ion 84.90 (84.60 to 85.60): VX000712.D (-1746) (-)



#76

1,2,3-Trichloropropane

Concen: 1.50 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000709.D

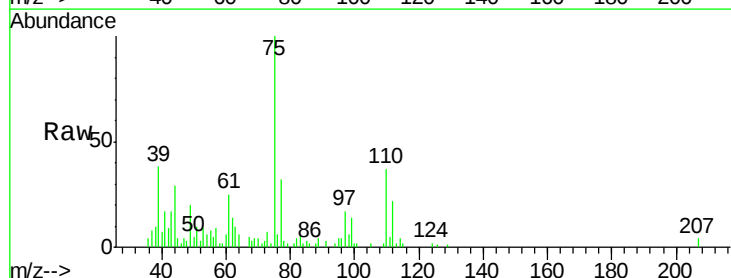
Acq: 07 Apr 2018 11:13

Tgt Ion: 75 Resp: 7361

Ion Ratio Lower Upper

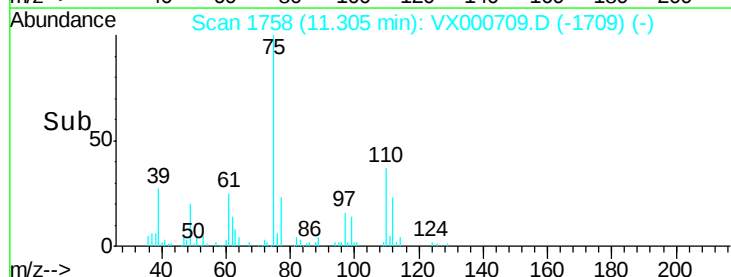
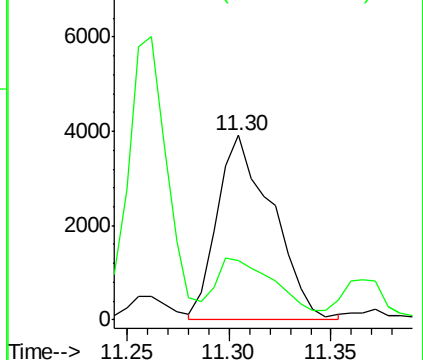
75 100

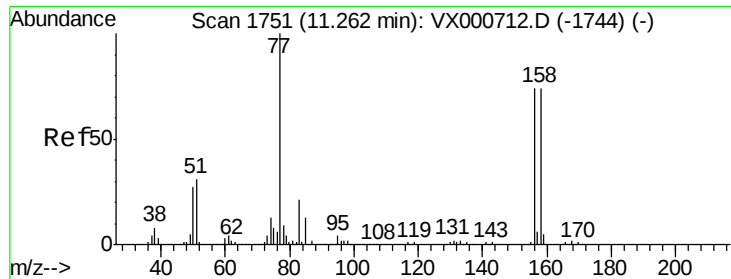
77 31.6 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX000712.D (-1754) (-)

Ion 77.00 (76.70 to 77.70): VX000712.D (-1754) (-)

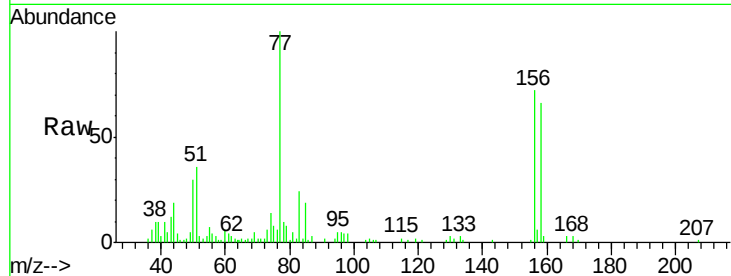




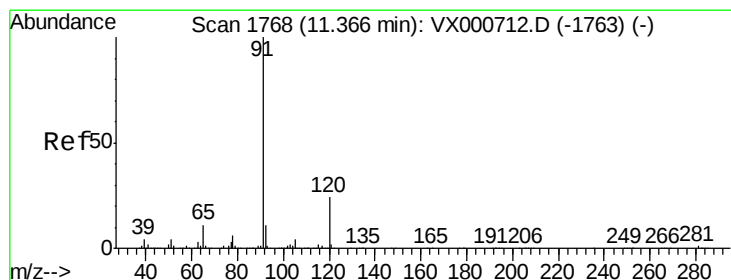
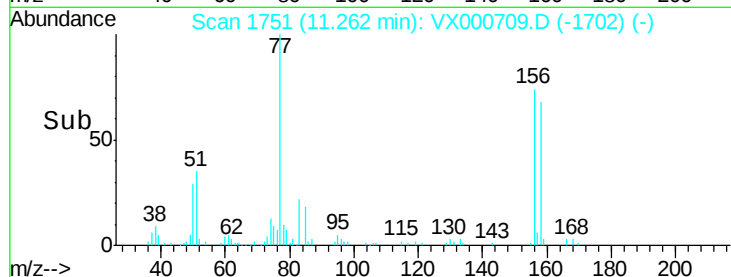
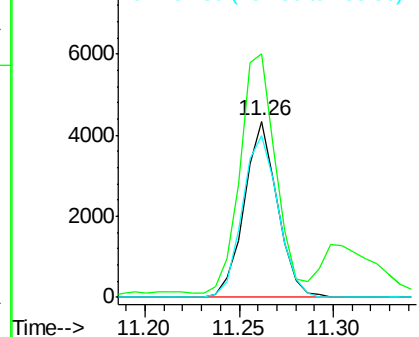
#77
Bromobenzene
Concen: 1.09 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX000709.D
Acq: 07 Apr 2018 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 156 Resp: 5269
Ion Ratio Lower Upper
156 100
77 146.2 68.3 205.1
158 99.2 49.1 147.3

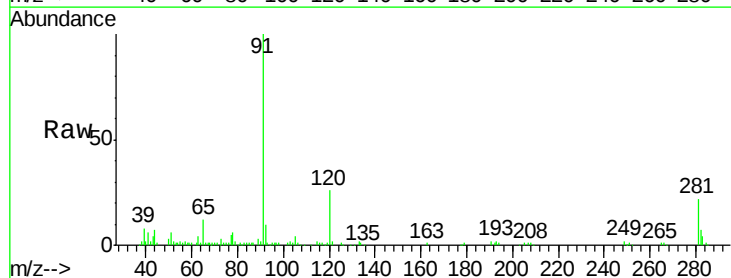


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

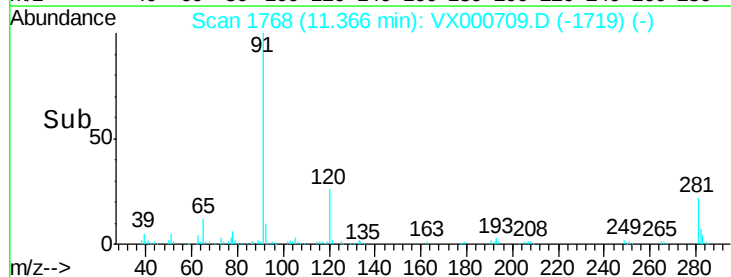
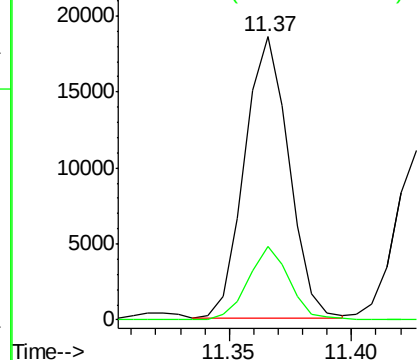


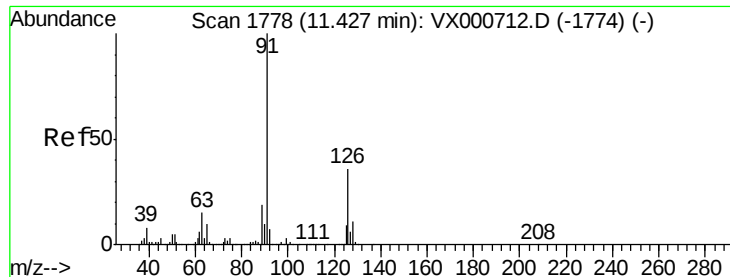
#78
n-propylbenzene
Concen: 1.21 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX000709.D
Acq: 07 Apr 2018 11:13

Tgt Ion: 91 Resp: 23221
Ion Ratio Lower Upper
91 100
120 24.7 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V

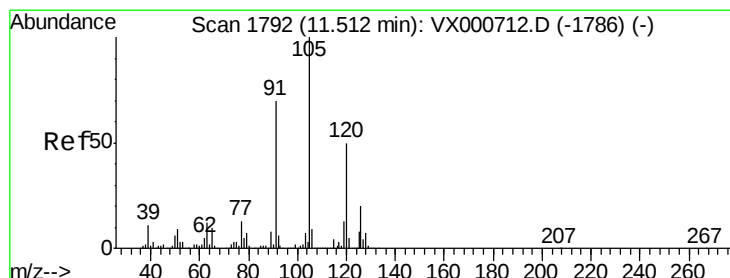
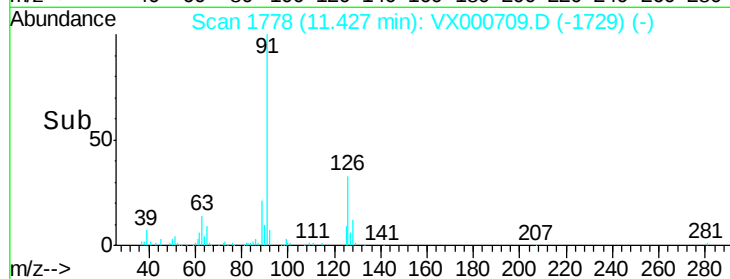
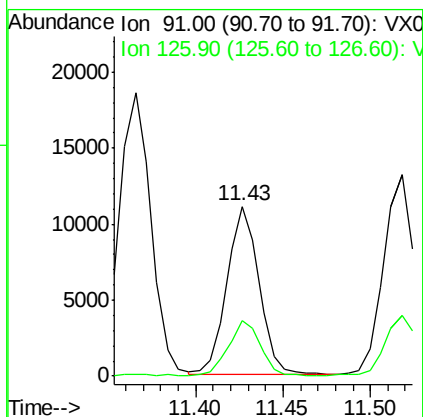
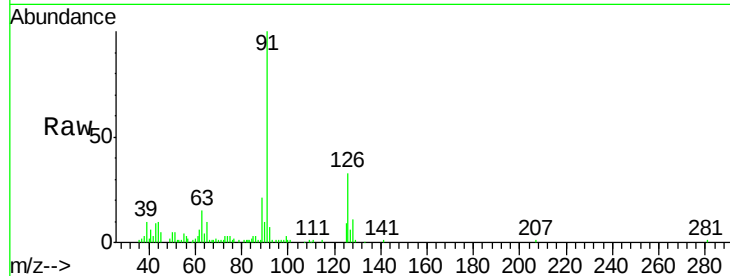




#79
 2-Chlorotoluene
 Concen: 1.23 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000709.D
 Acq: 07 Apr 2018 11:13

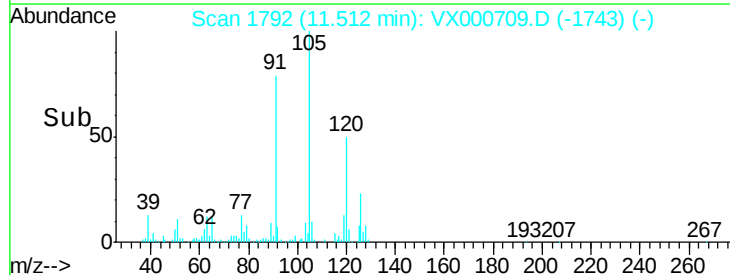
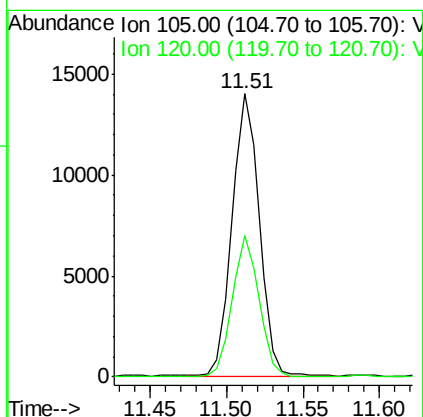
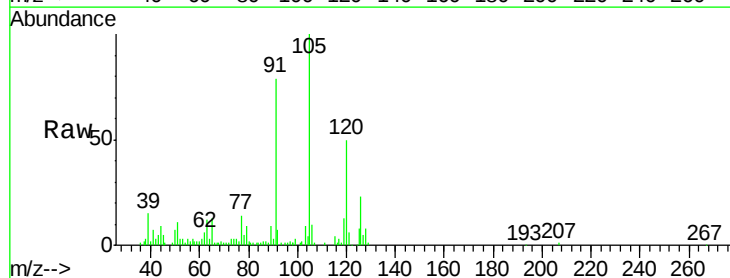
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

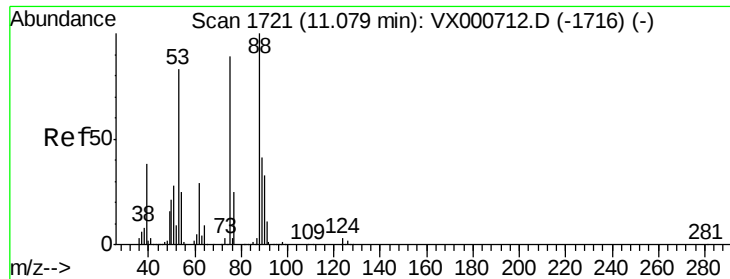
Tgt Ion: 91 Resp: 14082
 Ion Ratio Lower Upper
 91 100
 126 33.7 18.3 54.9



#80
 1,3,5-Trimethylbenzene
 Concen: 1.20 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000709.D
 Acq: 07 Apr 2018 11:13

Tgt Ion: 105 Resp: 17445
 Ion Ratio Lower Upper
 105 100
 120 48.7 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 1.12 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

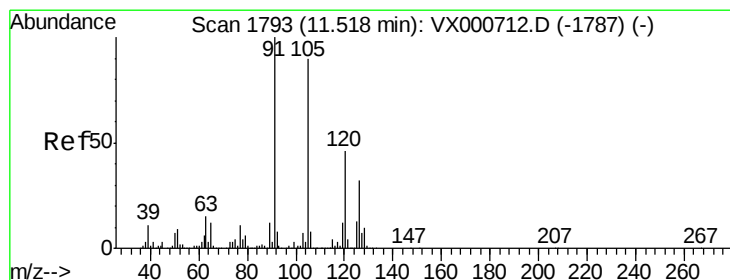
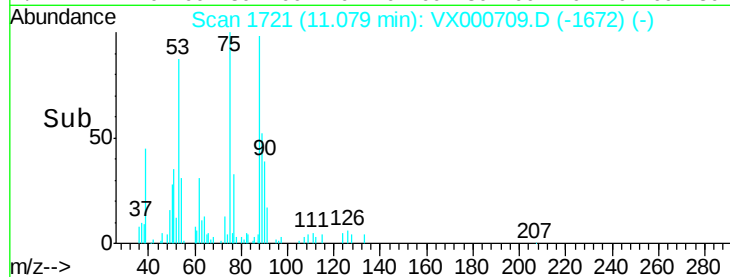
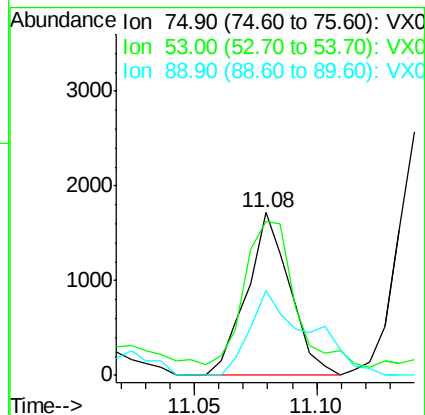
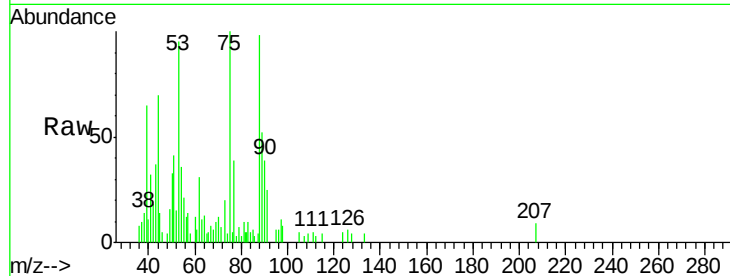
Tgt Ion: 75 Resp: 2107

Ion Ratio Lower Upper

75 100

53 105.6 74.2 111.2

89 72.1 46.6 69.8#



#82

4-Chlorotoluene

Concen: 1.19 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000709.D

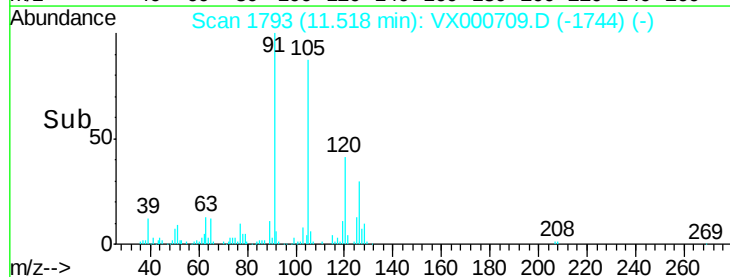
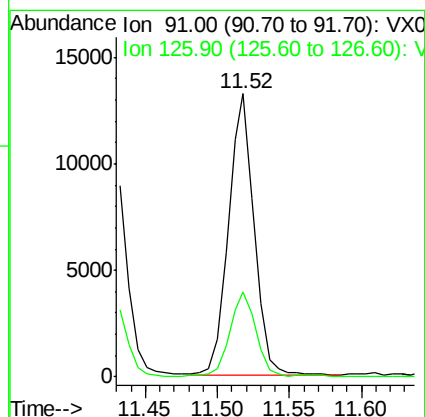
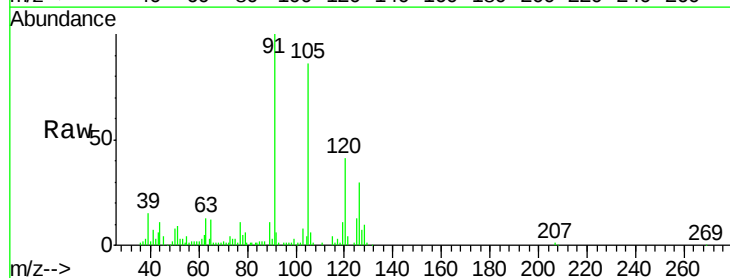
Acq: 07 Apr 2018 11:13

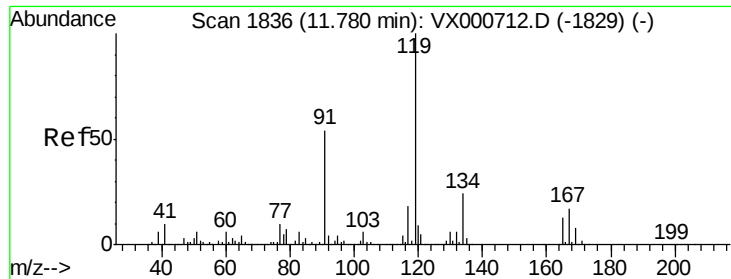
Tgt Ion: 91 Resp: 16431

Ion Ratio Lower Upper

91 100

126 31.4 16.0 48.0

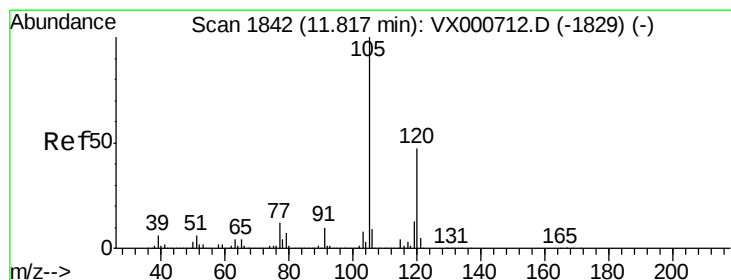
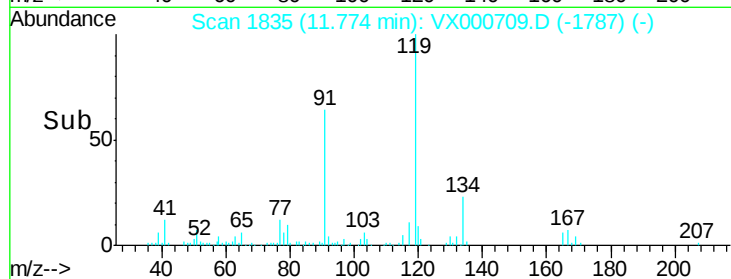
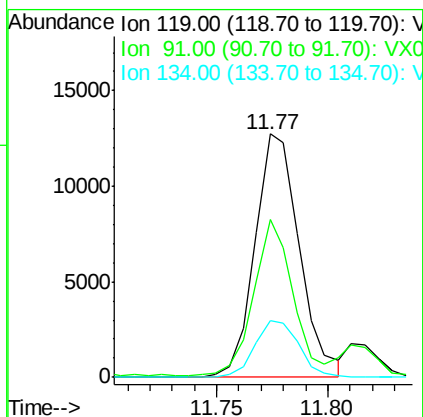
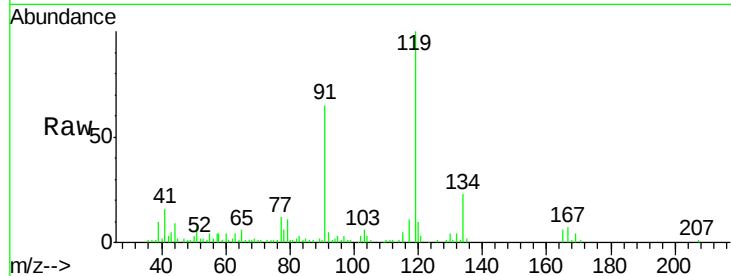




#83
 tert-Butylbenzene
 Concen: 1.18 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: VX000709.D
 Acq: 07 Apr 2018 11:13

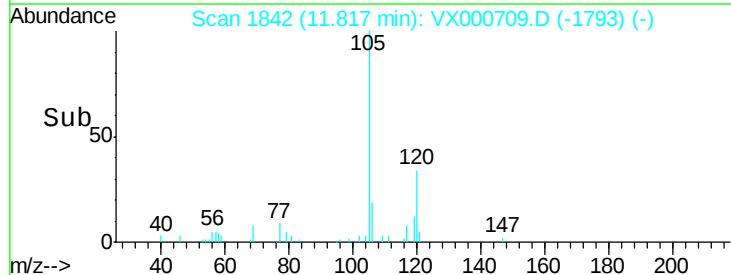
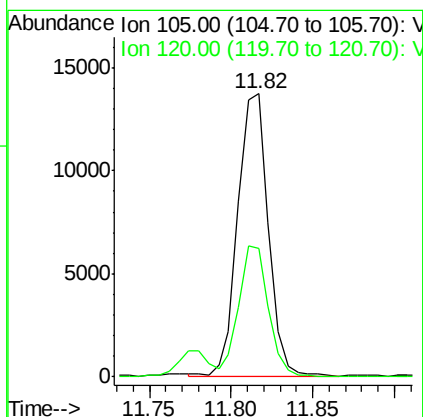
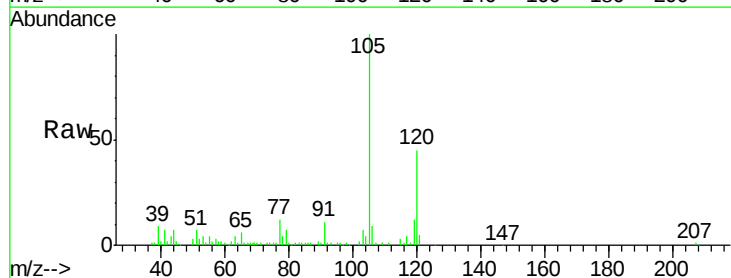
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

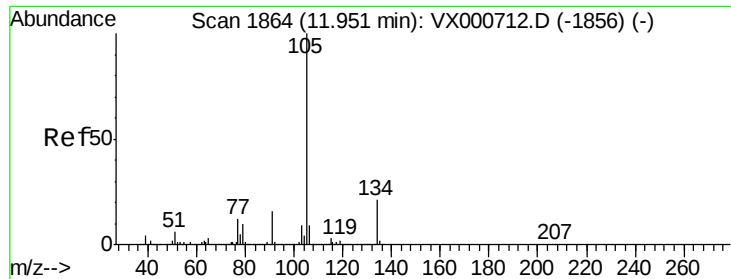
Tgt Ion:119 Resp: 17683
 Ion Ratio Lower Upper
 119 100
 91 56.8 27.3 81.8
 134 22.9 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 1.20 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000709.D
 Acq: 07 Apr 2018 11:13

Tgt Ion:105 Resp: 18079
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.9 68.5





#85

sec-Butylbenzene

Concen: 1.16 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

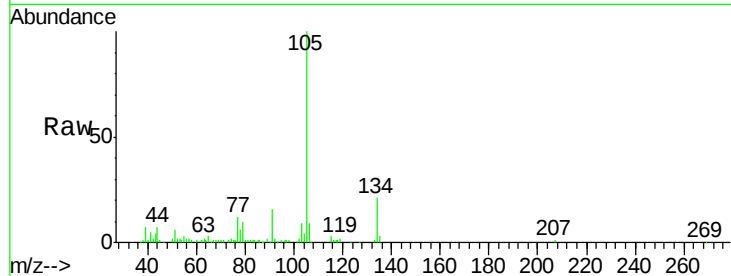
VSTDIC001

Tgt Ion:105 Resp: 20451

Ion Ratio Lower Upper

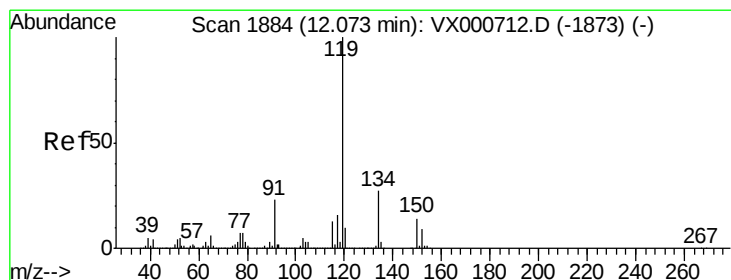
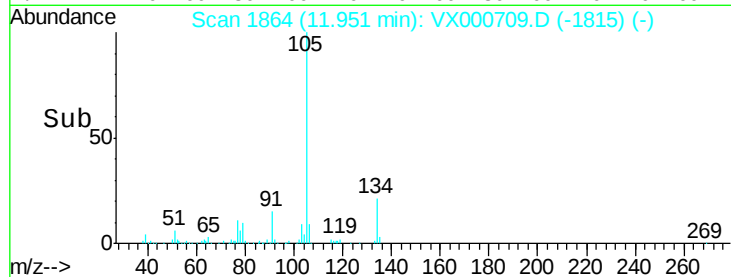
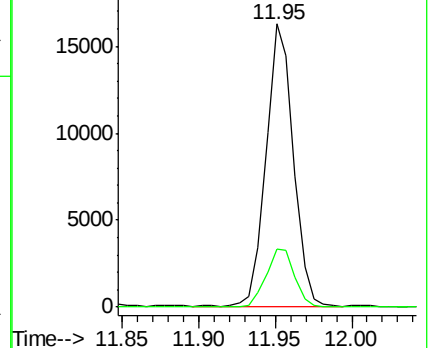
105 100

134 21.3 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.16 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

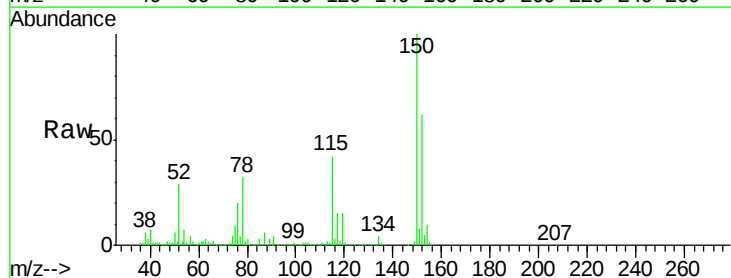
Tgt Ion:119 Resp: 19031

Ion Ratio Lower Upper

119 100

134 28.4 13.4 40.2

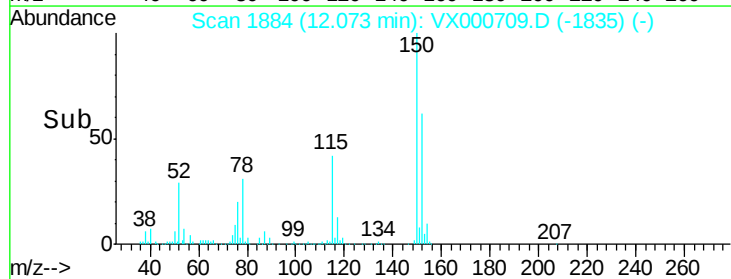
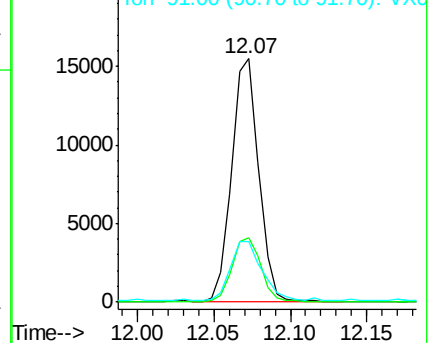
91 27.9 11.5 34.4

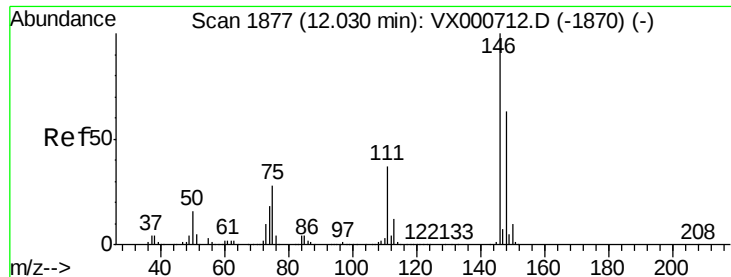


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 1.14 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

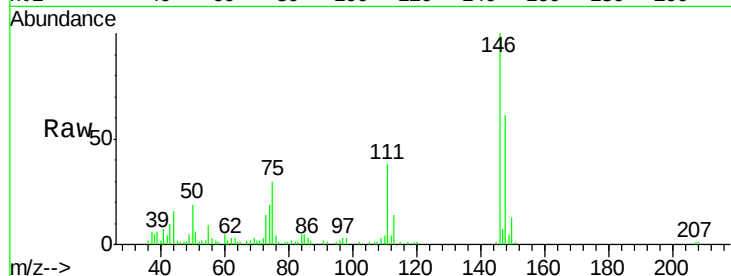
Tgt Ion:146 Resp: 10238

Ion Ratio Lower Upper

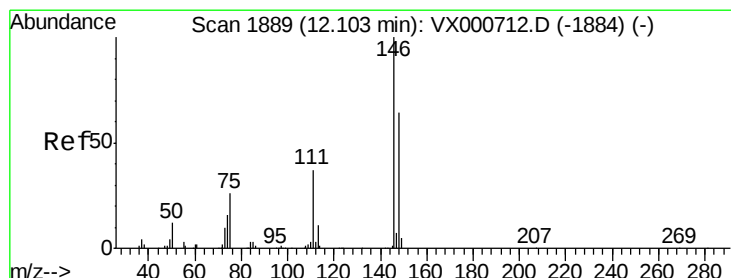
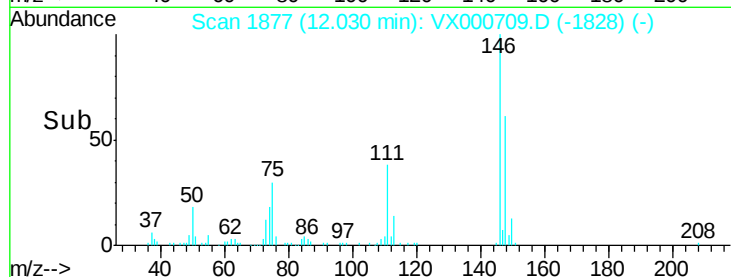
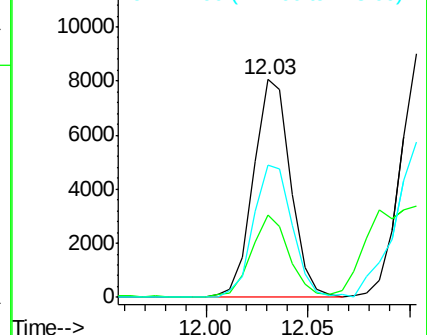
146 100

111 38.7 18.6 55.8

148 63.2 32.0 96.2



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



#88

1,4-Dichlorobenzene

Concen: 1.12 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.07 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

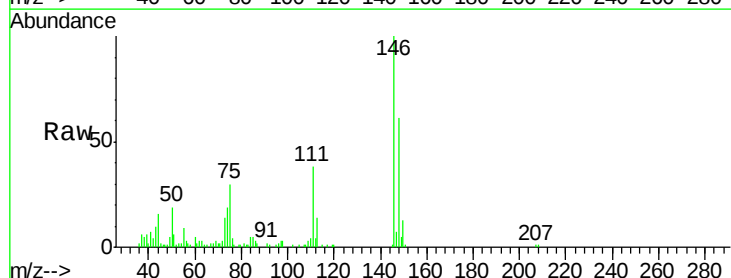
Tgt Ion:146 Resp: 10238

Ion Ratio Lower Upper

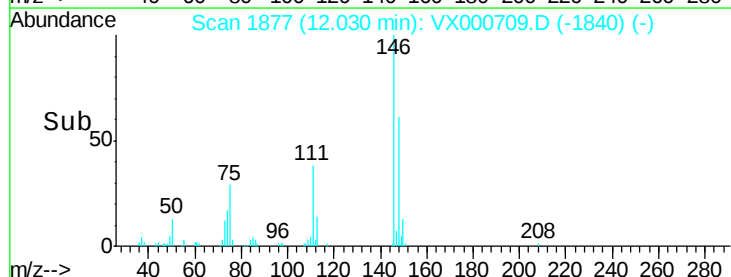
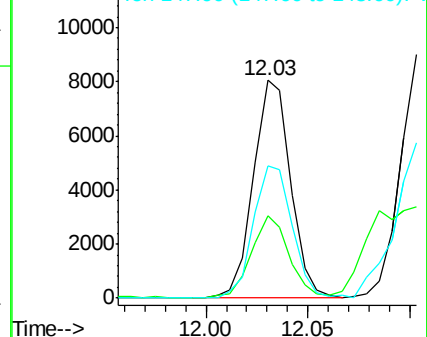
146 100

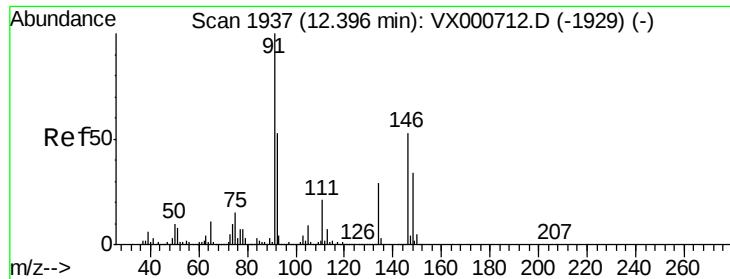
111 38.7 18.2 54.6

148 63.2 32.1 96.5



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

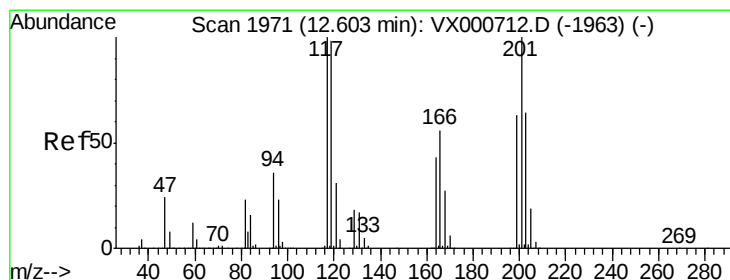
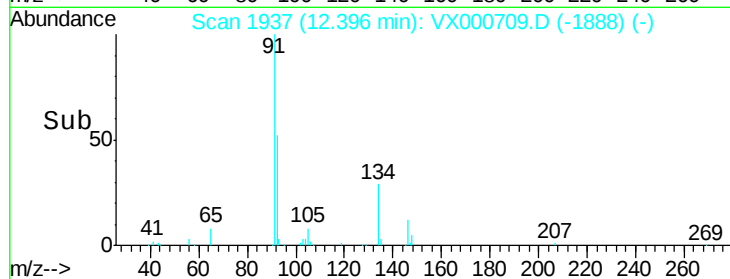
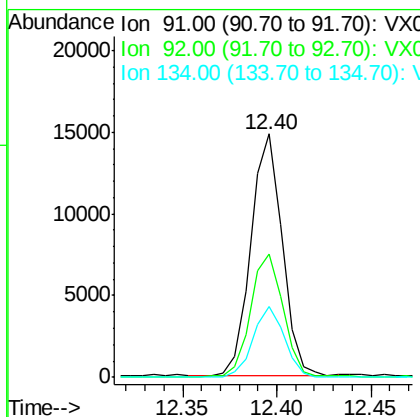
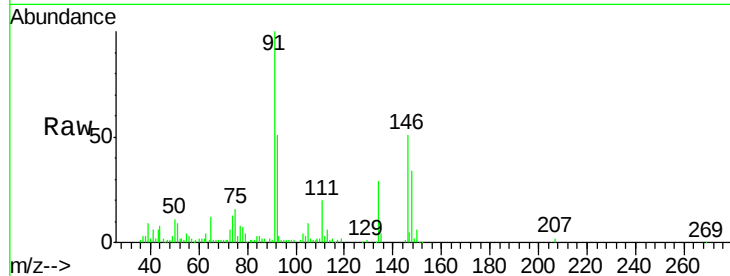




#89
n-Butylbenzene
Concen: 1.18 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000709.D
Acq: 07 Apr 2018 11:13

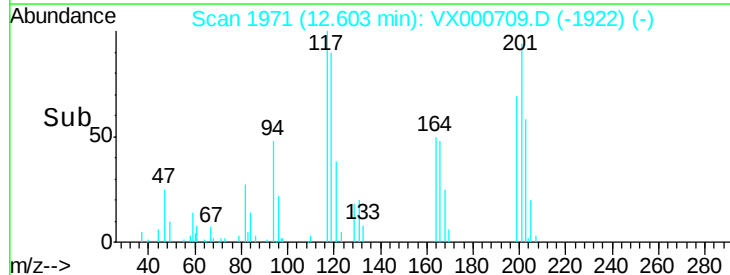
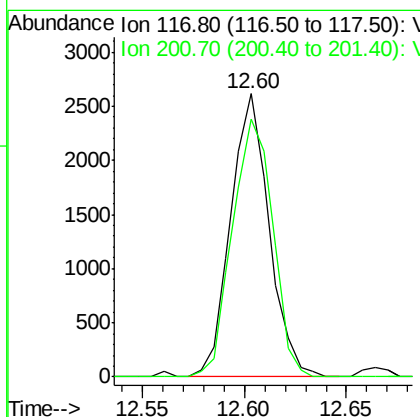
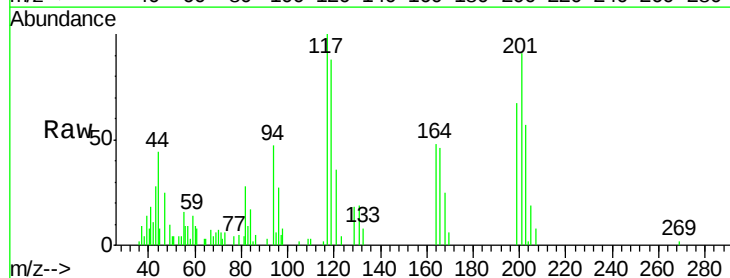
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

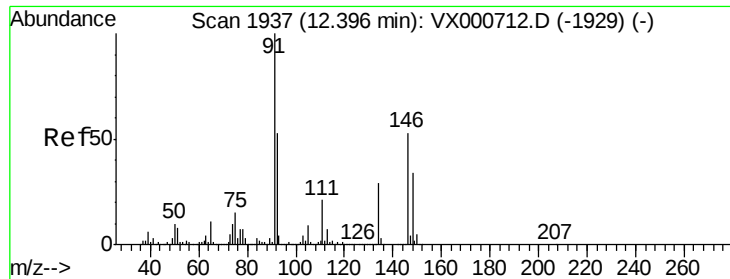
Tgt Ion: 91 Resp: 17190
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.0
134 29.0 14.4 43.0



#90
Hexachloroethane
Concen: 1.14 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000709.D
Acq: 07 Apr 2018 11:13

Tgt Ion: 117 Resp: 3414
Ion Ratio Lower Upper
117 100
201 96.0 51.2 153.6





#91

1,2-Dichlorobenzene

Concen: 1.10 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

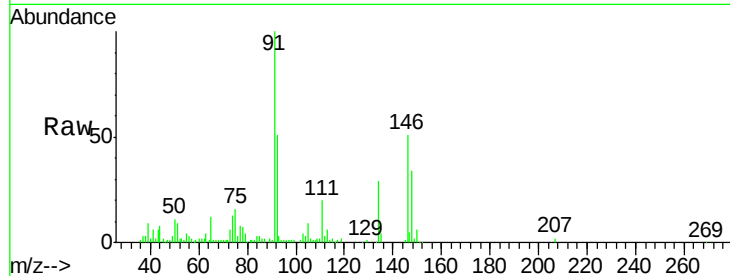
Tgt Ion:146 Resp: 9746

Ion Ratio Lower Upper

146 100

111 42.0 19.3 57.9

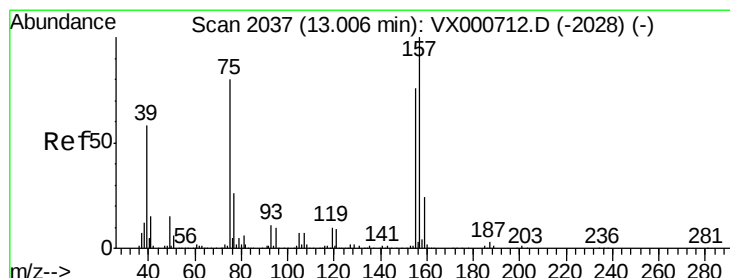
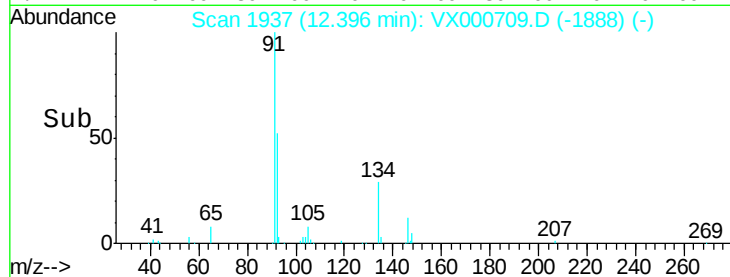
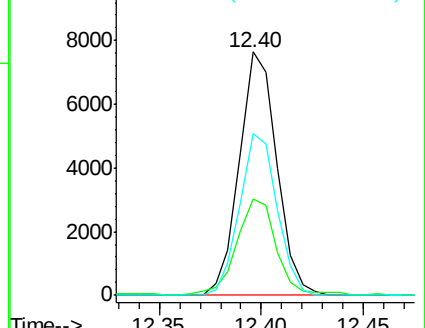
148 66.4 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.16 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

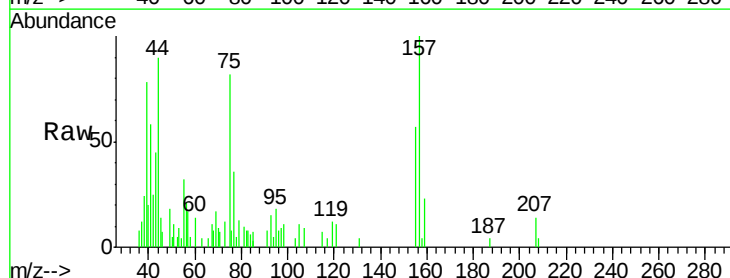
Tgt Ion: 75 Resp: 1577

Ion Ratio Lower Upper

75 100

155 86.0 48.4 145.0

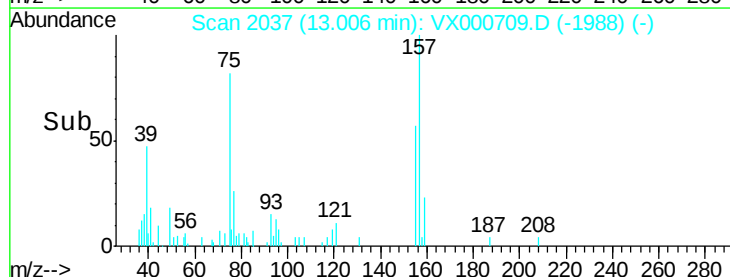
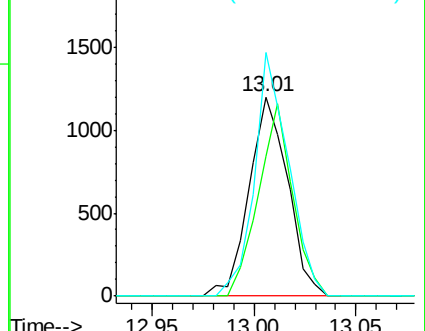
157 108.6 62.8 188.5

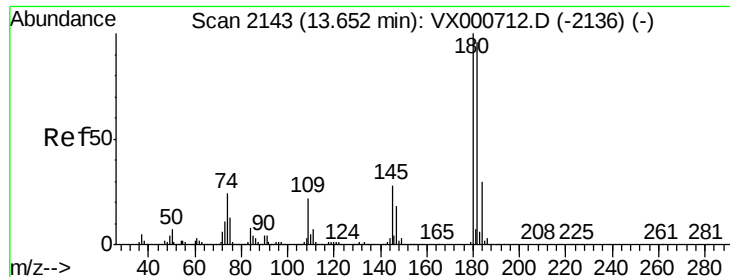


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

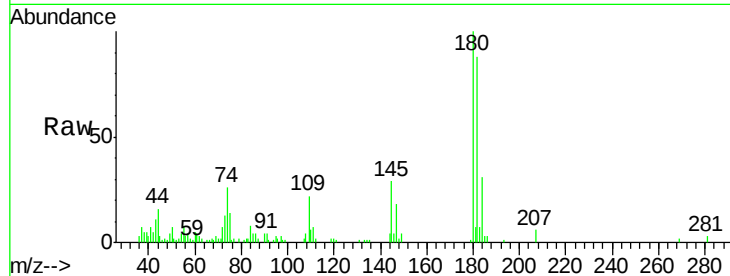




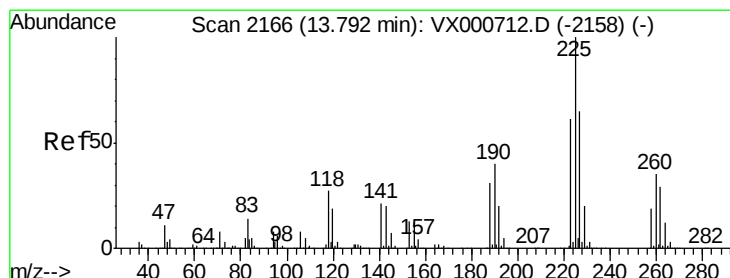
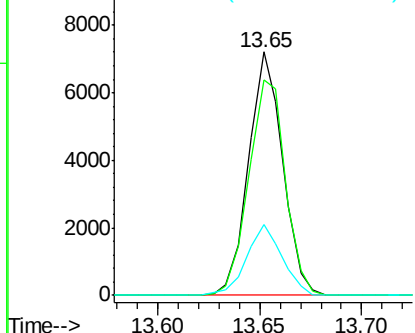
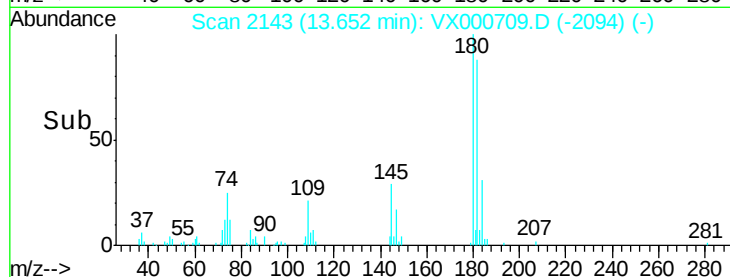
#93
 1,2,4-Trichlorobenzene
 Concen: 1.13 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000709.D
 Acq: 07 Apr 2018 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 8400
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.9 143.7
 145 30.1 14.1 42.3

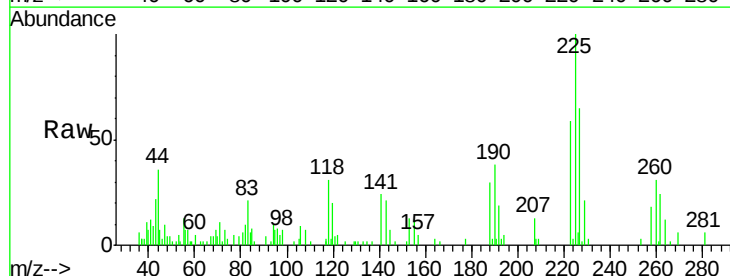


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

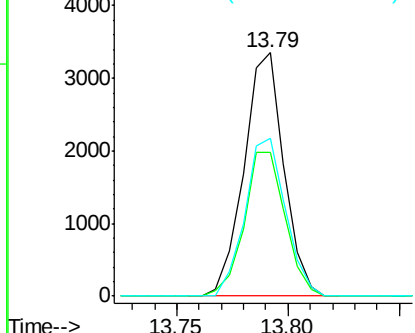
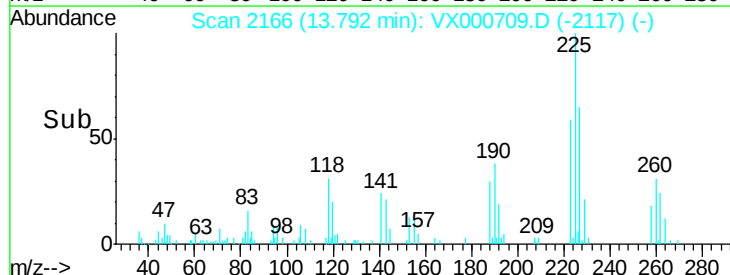


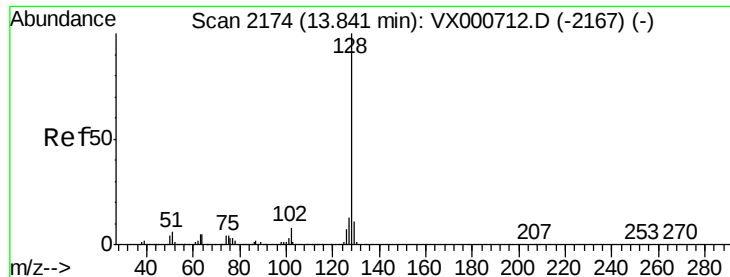
#94
 Hexachlorobutadiene
 Concen: 1.15 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000709.D
 Acq: 07 Apr 2018 11:13

Tgt Ion:225 Resp: 4190
 Ion Ratio Lower Upper
 225 100
 223 60.7 30.9 92.8
 227 65.5 31.9 95.7



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





#95

Naphthalene

Concen: 1.07 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

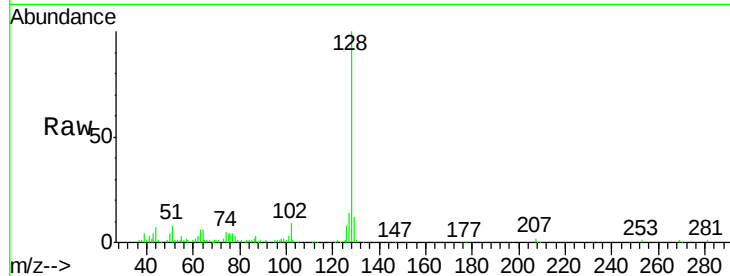
Tgt Ion:128 Resp: 21545

Ion Ratio Lower Upper

128 100

127 14.4 10.4 15.6

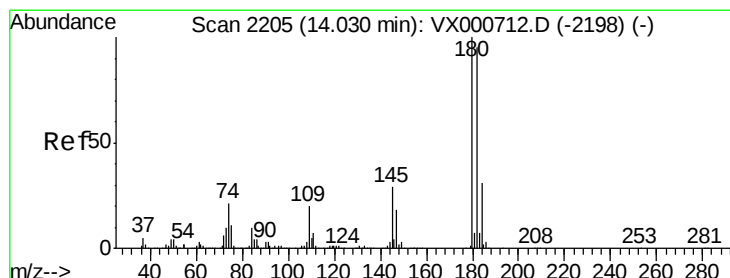
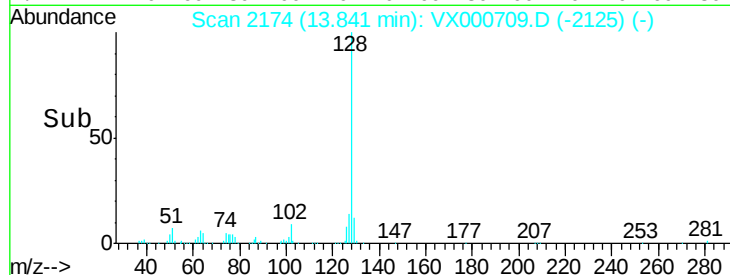
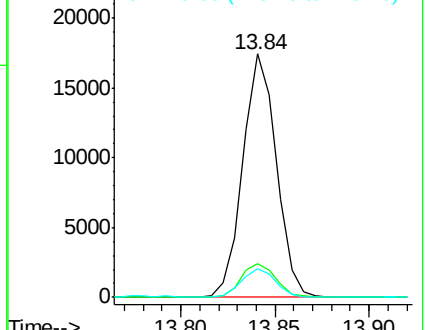
129 12.1 8.8 13.2



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: 1.11 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000709.D

Acq: 07 Apr 2018 11:13

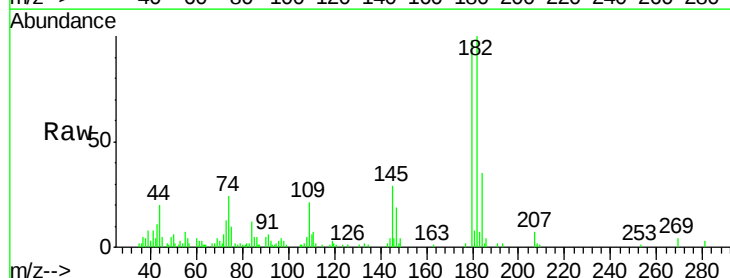
Tgt Ion:180 Resp: 8097

Ion Ratio Lower Upper

180 100

182 99.6 47.8 143.3

145 29.9 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

