

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003244.D
 Acq On : 09 Jul 2018 13:36
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Quant Time: Jul 09 15:06:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 14:57:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329360	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228023	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	575004	161.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	322.52%	
35) Dibromofluoromethane	5.51	113	492282	188.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	377.48%	
50) Toluene-d8	8.72	98	1846975	193.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	387.84%	
62) 4-Bromofluorobenzene	11.14	95	723933	197.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	394.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	592040	231.06	ug/l	98
3) Chloromethane	1.32	50	497274	184.84	ug/l	99
4) Vinyl Chloride	1.40	62	542830	186.07	ug/l	100
5) Bromomethane	1.64	94	199007	110.50	ug/l	98
6) Chloroethane	1.70	64	242530	124.97	ug/l	99
7) Trichlorofluoromethane	1.92	101	748896	152.18	ug/l	100
8) Diethyl Ether	2.19	74	276136	154.35	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	440253	154.40	ug/l	94
10) Methyl Iodide	2.50	142	580915	218.55	ug/l	96
11) Tert butyl alcohol	3.11	59	546207	768.98	ug/l	100
12) 1,1-Dichloroethene	2.37	96	407502	160.17	ug/l	89
13) Acrolein	2.30	56	426222	1010.69	ug/l	100
14) Allyl chloride	2.72	41	759390	151.42	ug/l	93
15) Acrylonitrile	3.16	53	1175221	774.61	ug/l	98
16) Acetone	2.46	43	1008210	682.78	ug/l	95
17) Carbon Disulfide	2.56	76	1175591	173.43	ug/l	98
18) Methyl Acetate	2.78	43	588556	142.56	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	1353800	148.02	ug/l	99
20) Methylene Chloride	2.86	84	443402	154.31	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	436323	157.46	ug/l	95
22) Diisopropyl ether	3.88	45	1566434	163.40	ug/l	97
23) Vinyl Acetate	3.83	43	6798828	837.56	ug/l	97
24) 1,1-Dichloroethane	3.69	63	795770	152.73	ug/l	100
25) 2-Butanone	4.72	43	1840070	839.66	ug/l	96
26) 2,2-Dichloropropane	4.59	77	697032	164.52	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	543026	174.78	ug/l	89
28) Bromochloromethane	5.02	49	371160	148.82	ug/l	88
29) Tetrahydrofuran	5.17	42	1169931	832.50	ug/l	96
30) Chloroform	5.22	83	887503	165.97	ug/l	97
31) Cyclohexane	5.57	56	778057	174.00	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	816711	173.60	ug/l	98
36) 1,1-Dichloropropene	5.80	75	668559	185.10	ug/l	98
37) Ethyl Acetate	4.87	43	710068	182.59	ug/l	98
38) Carbon Tetrachloride	5.78	117	754589	190.38	ug/l	98

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 ClientSampleId :
 VSTDICC150

Quant Time: Jul 09 15:06:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 14:57:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	809192	192.34	ug/l	95
40) Benzene	6.15	78	1958660	186.64	ug/l	100
41) Methacrylonitrile	5.07	41	409129	182.70	ug/l	96
42) 1,2-Dichloroethane	6.20	62	706066	166.56	ug/l	98
43) Isopropyl Acetate	6.48	43	1195597	183.31	ug/l	97
44) Trichloroethene	7.21	130	582586	186.20	ug/l	99
45) 1,2-Dichloropropane	7.52	63	509332	182.96	ug/l	100
46) Dibromomethane	7.67	93	347347	179.79	ug/l	93
47) Bromodichloromethane	7.90	83	686228	192.14	ug/l	98
48) Methyl methacrylate	7.78	41	627023	186.58	ug/l	93
49) 1,4-Dioxane	7.76	88	242829	3713.96	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	3761842	921.87	ug/l	95
52) Toluene	8.79	92	1284695	191.09	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	829809	205.15	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	789398	202.83	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	517608	187.36	ug/l	98
56) Ethyl methacrylate	9.19	69	808636	200.28	ug/l	91
57) 1,3-Dichloropropane	9.38	76	842685	185.72	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1928390	990.01	ug/l	96
59) 2-Hexanone	9.51	43	2892398	932.64	ug/l	94
60) Dibromochloromethane	9.59	129	612542	210.63	ug/l	100
61) 1,2-Dibromoethane	9.68	107	563164	194.35	ug/l	99
64) Tetrachloroethene	9.34	164	629808	182.50	ug/l	99
65) Chlorobenzene	10.14	112	1499158	190.18	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	581711	203.14	ug/l	99
67) Ethyl Benzene	10.26	91	2540797	195.12	ug/l	100
68) m/p-Xylenes	10.37	106	2000764	398.66	ug/l	96
69) o-Xylene	10.70	106	975004	199.52	ug/l	96
70) Styrene	10.72	104	1614856	203.37	ug/l	98
71) Bromoform	10.86	173	528956	235.03	ug/l	100
73) Isopropylbenzene	11.02	105	2623425	171.02	ug/l	99
74) N-amyl acetate	6.48	43	1195597	159.30	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	792685	167.75	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	954487	231.09	ug/l	80
77) Bromobenzene	11.26	156	753462	172.48	ug/l	94
78) n-propylbenzene	11.37	91	2961591	169.61	ug/l	97
79) 2-Chlorotoluene	11.43	91	1762935	166.77	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	2233563	172.88	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	256802	210.89	ug/l	91
82) 4-Chlorotoluene	11.51	91	2096899	167.55	ug/l	98
83) tert-Butylbenzene	11.77	119	2259457	177.45	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	2296767	171.58	ug/l	96
85) sec-Butylbenzene	11.95	105	2667186	172.67	ug/l	98
86) p-Isopropyltoluene	12.07	119	2453515	176.67	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	1374104	172.23	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1380495	168.14	ug/l	99
89) n-Butylbenzene	12.39	91	2098878	173.64	ug/l	98
90) Hexachloroethane	12.60	117	412955	199.92	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	1363272	169.29	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	185637	174.76	ug/l	89

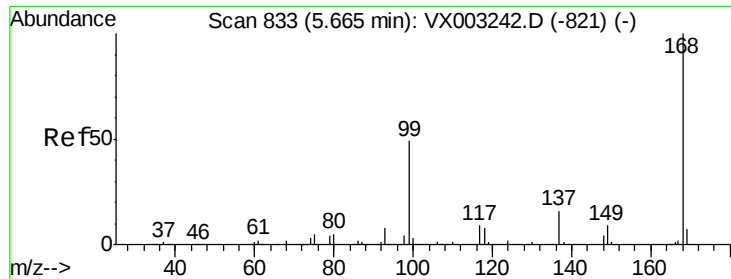
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VSTDICC150

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Quant Title : SW846 8260
QLast Update : Mon Jul 09 14:57:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1057731	180.48	ug/l	99
94) Hexachlorobutadiene	13.79	225	508062	173.82	ug/l	99
95) Naphthalene	13.84	128	2824496	180.95	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1042840	178.15	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

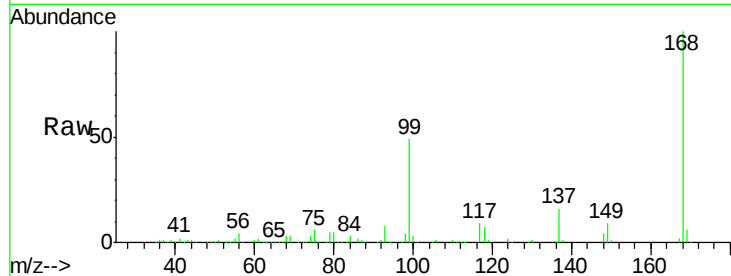
VSTDIC150

Tot Ion:168 Resp: 257967

Ion Ratio Lower Upper

168 100

99 48.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

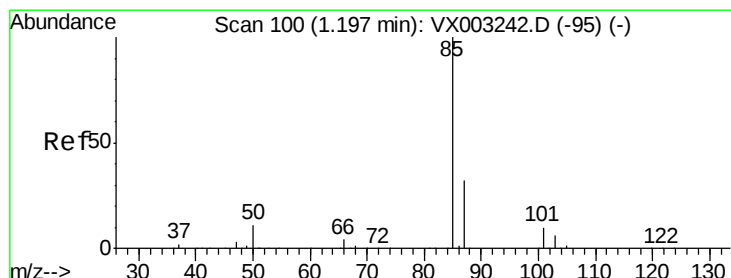
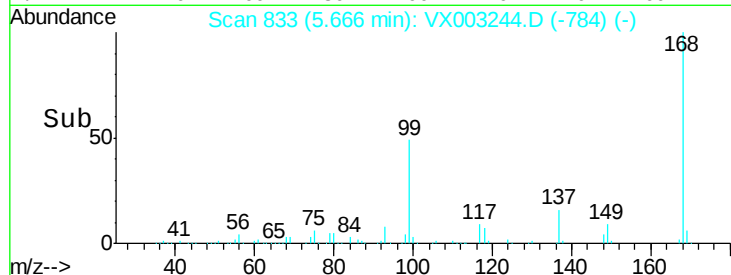
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 231.06 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003244.D

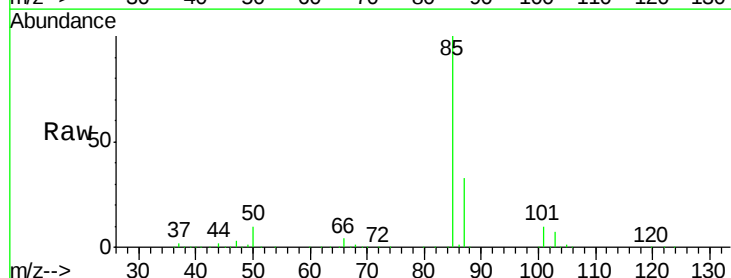
Acq: 09 Jul 2018 13:36

Tgt Ion: 85 Resp: 592040

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

600000

500000

400000

300000

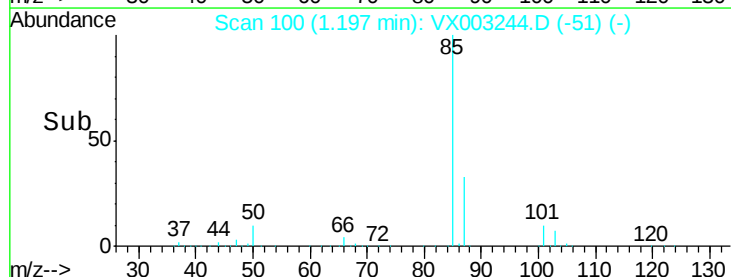
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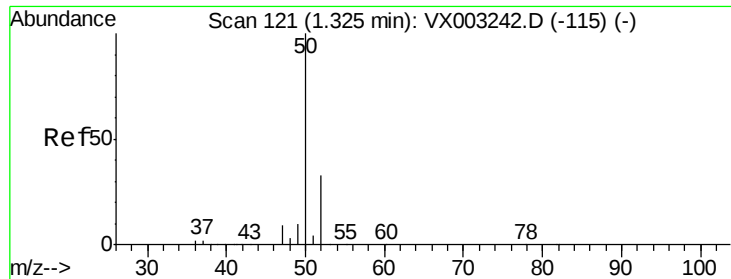
100000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 184.84 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

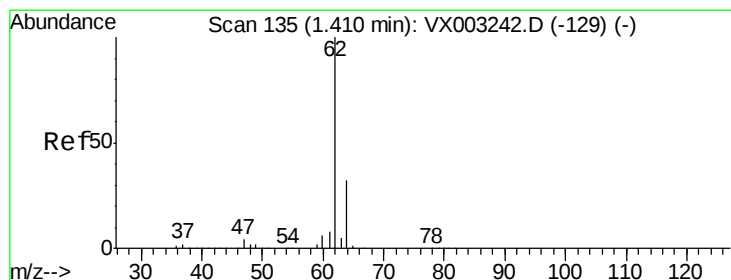
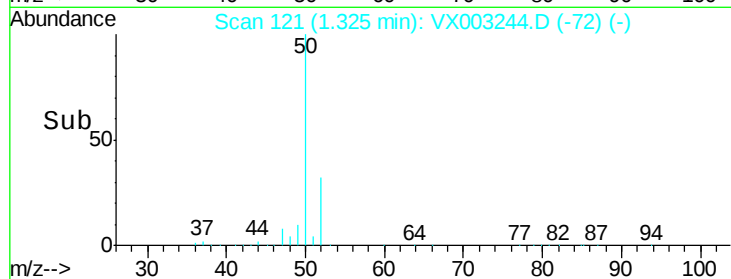
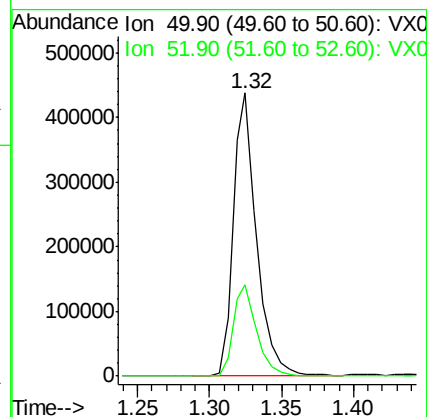
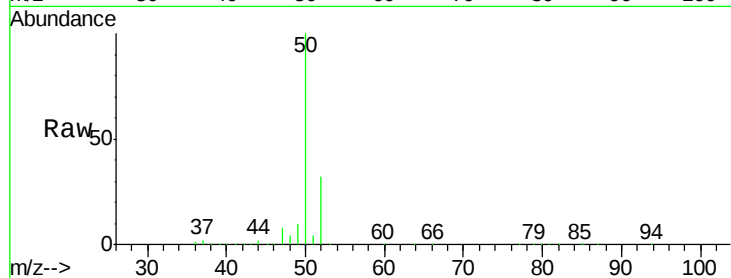
VSTDIC150

Tot Ion: 50 Resp: 497274

Ion Ratio Lower Upper

50 100

52 32.4 25.7 38.5



#4

Vinyl Chloride

Concen: 186.07 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX003244.D

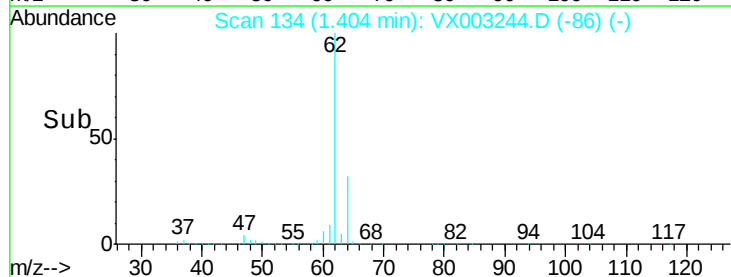
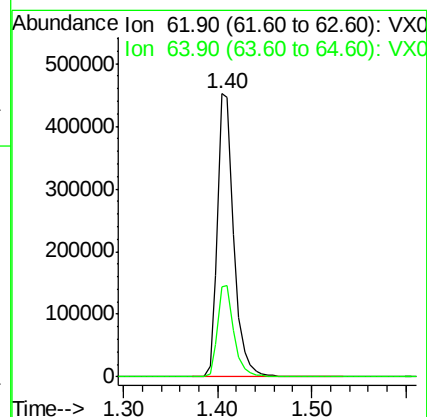
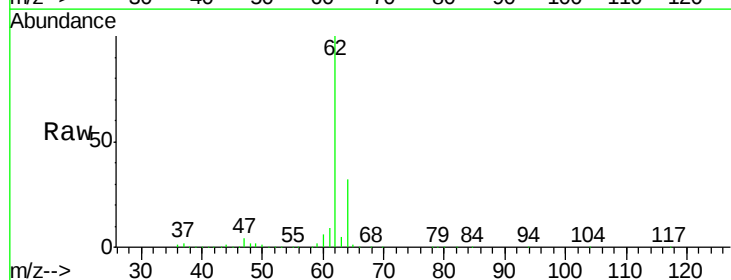
Acq: 09 Jul 2018 13:36

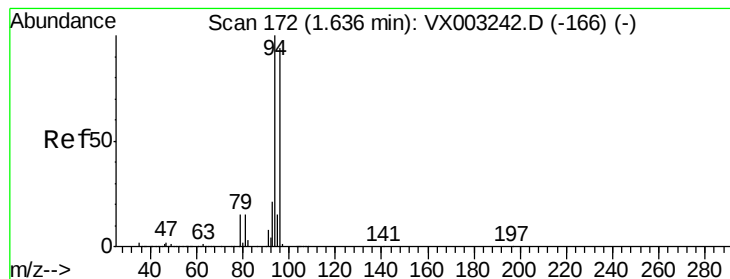
Tgt Ion: 62 Resp: 542830

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.2





#5

Bromomethane

Concen: 110.50 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

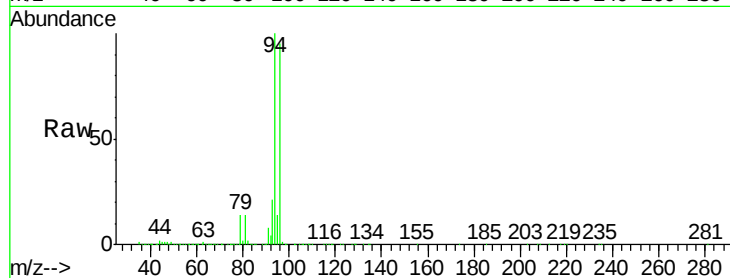
VSTDIC150

Tot Ion: 94 Resp: 199007

Ion Ratio Lower Upper

94 100

96 95.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

200000

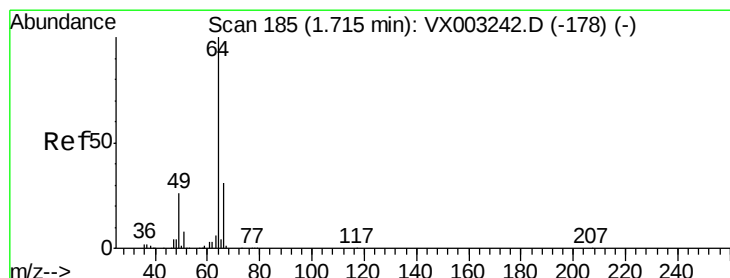
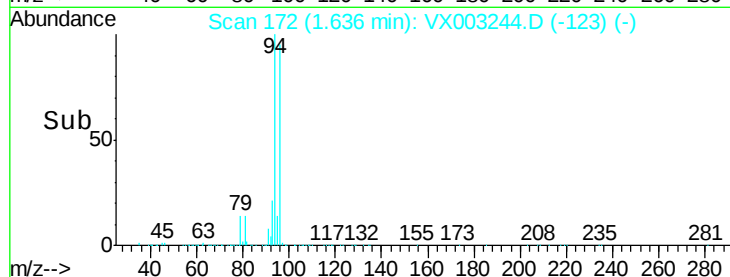
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 124.97 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.01 min

Lab File: VX003244.D

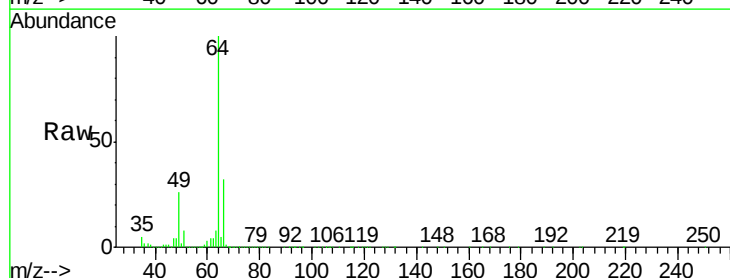
Acq: 09 Jul 2018 13:36

Tgt Ion: 64 Resp: 242530

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

200000

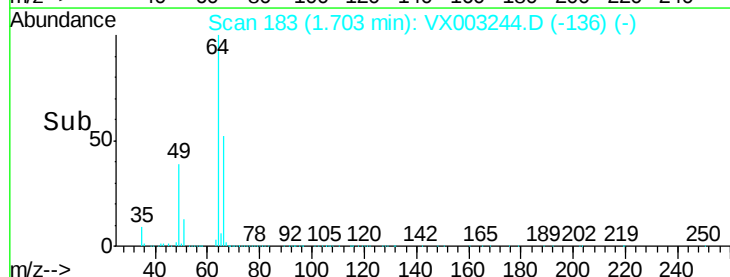
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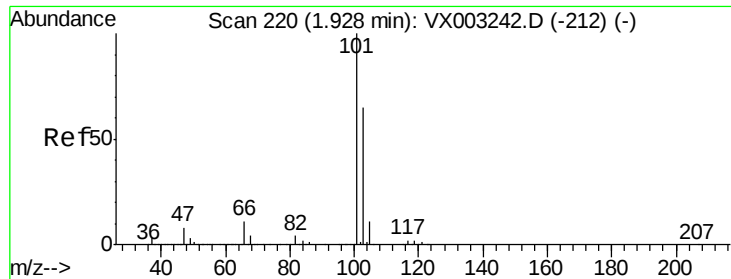
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50000

0

Time-->



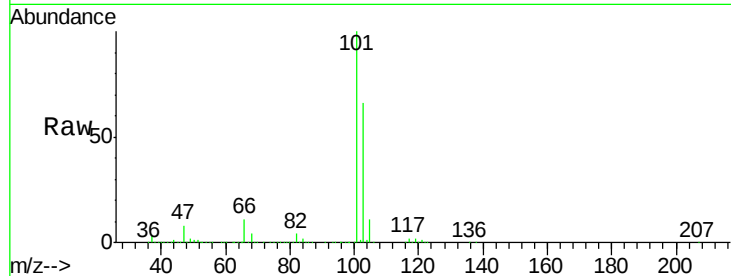


#7

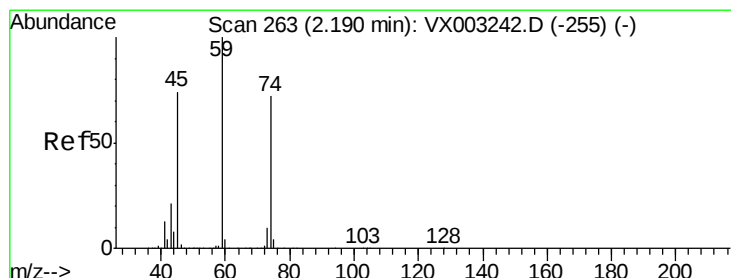
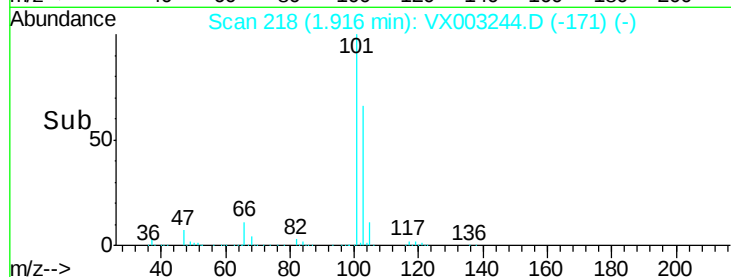
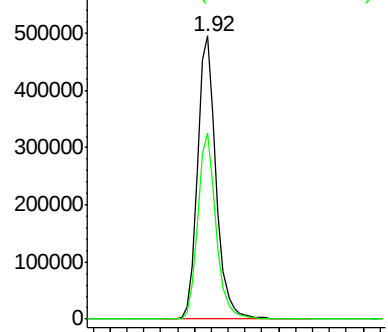
Trichlorofluoromethane
 Concen: 152.18 ug/l
 RT: 1.92 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX003244.D
 Acq: 09 Jul 2018 13:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion:101 Resp: 748896
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.8 79.2



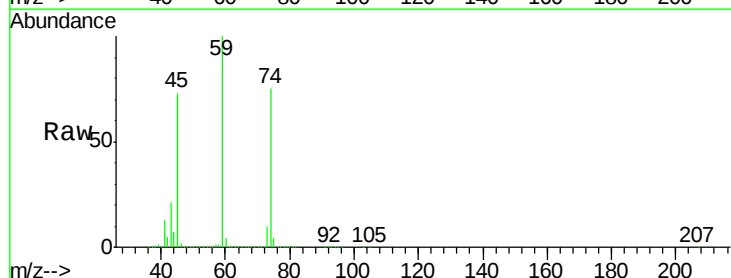
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



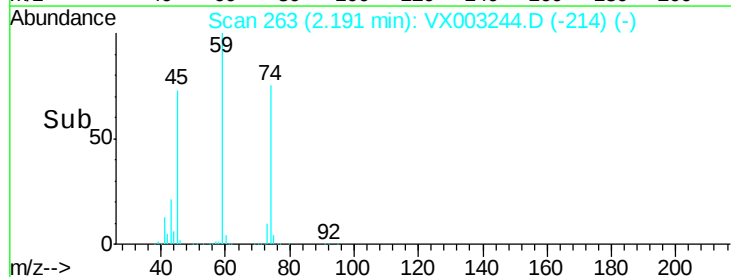
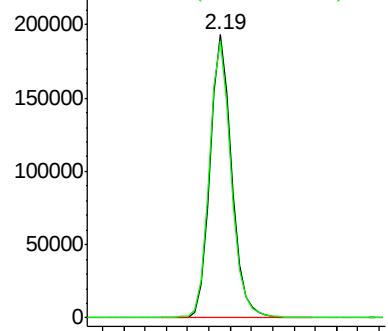
#8

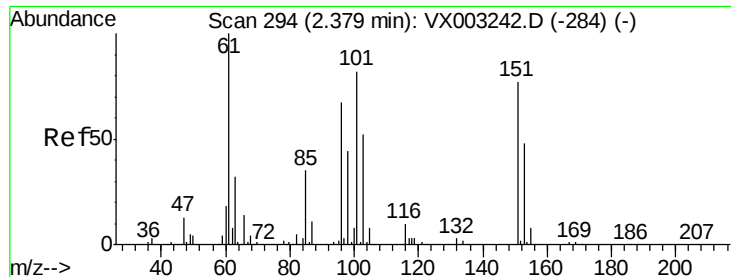
Diethyl Ether
 Concen: 154.35 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003244.D
 Acq: 09 Jul 2018 13:36

Tgt Ion: 74 Resp: 276136
 Ion Ratio Lower Upper
 74 100
 45 99.6 53.1 159.4



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: 154.40 ug/l

RT: 2.37 min Scan# 293

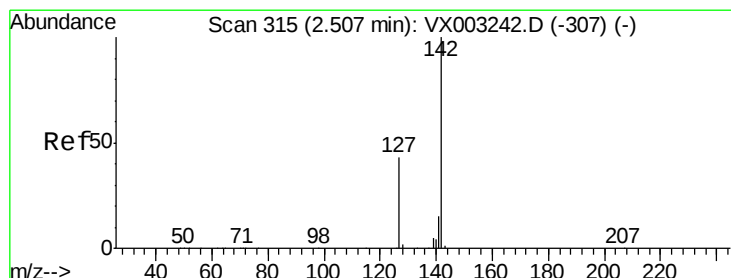
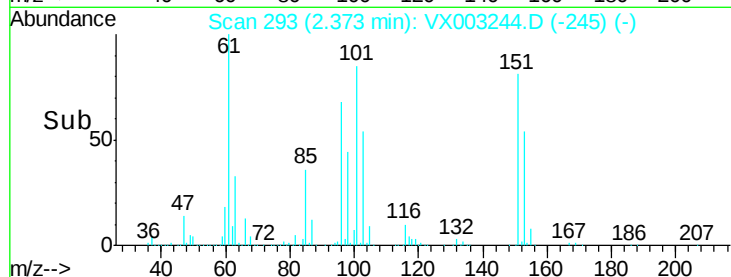
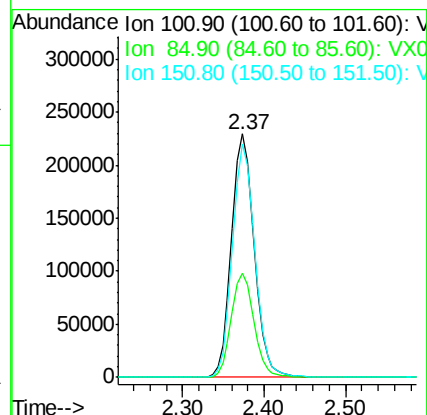
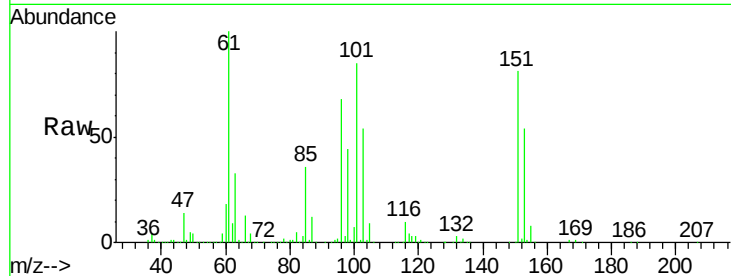
Delta R.T. -0.01 min

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Tot Ion	Ratio	Lower	Upper
101	100		
85	42.7	36.0	54.0
151	95.0	70.9	106.3



#10

Methyl Iodide

Concen: 218.55 ug/l

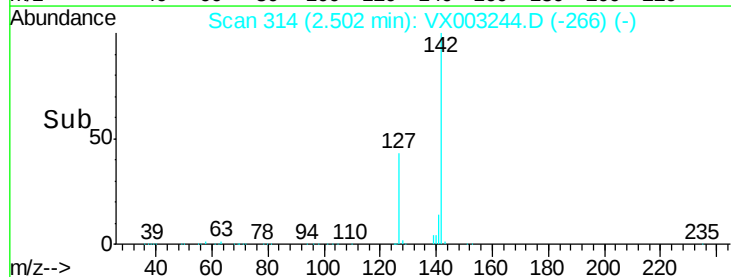
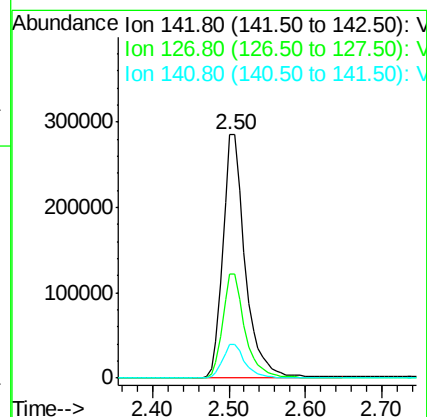
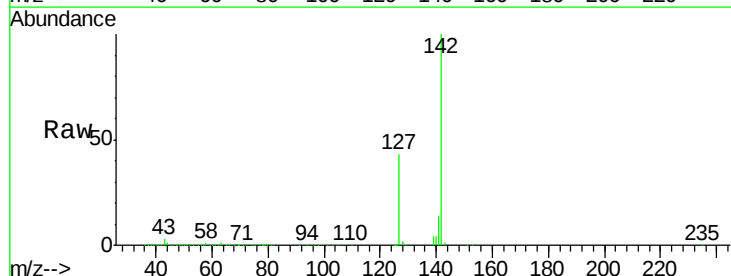
RT: 2.50 min Scan# 314

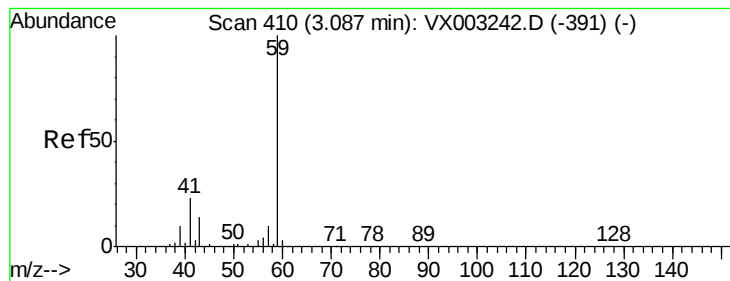
Delta R.T. -0.01 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.8	36.6	55.0
141	14.2	11.3	16.9



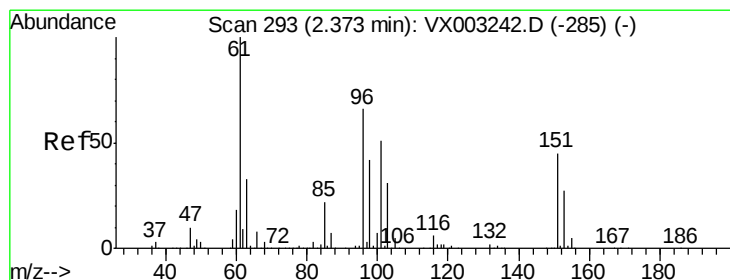
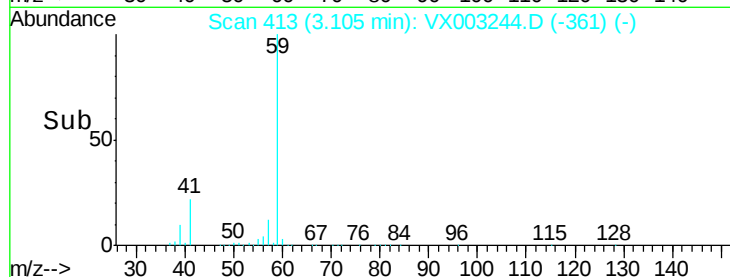
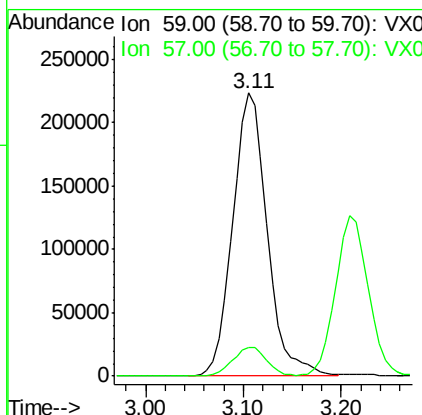
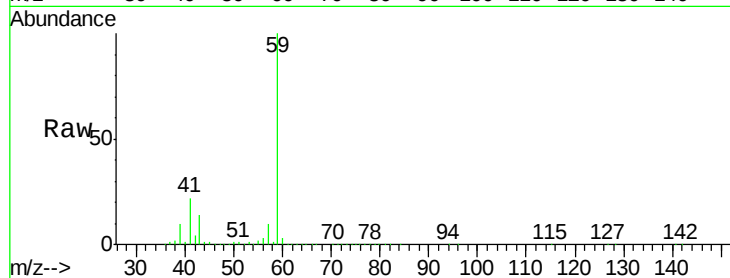


#11

Tert butyl alcohol
Concen: 768.98 ug/l
RT: 3.11 min Scan# 413
Delta R.T. 0.02 min
Lab File: VX003244.D
Acq: 09 Jul 2018 13:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

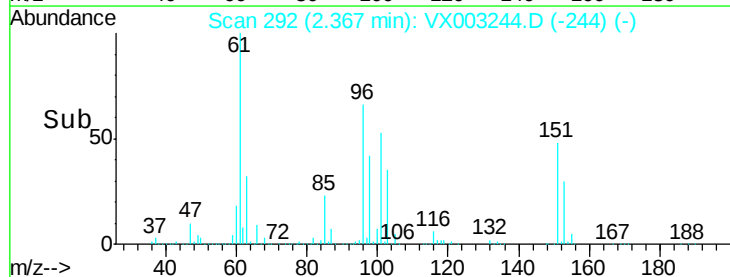
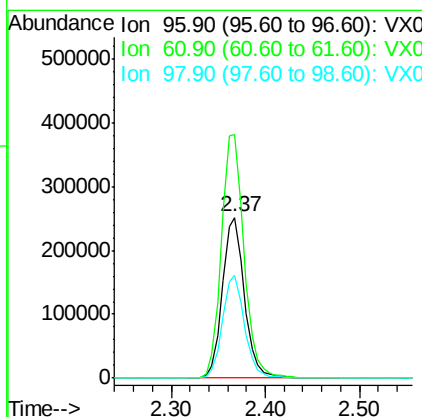
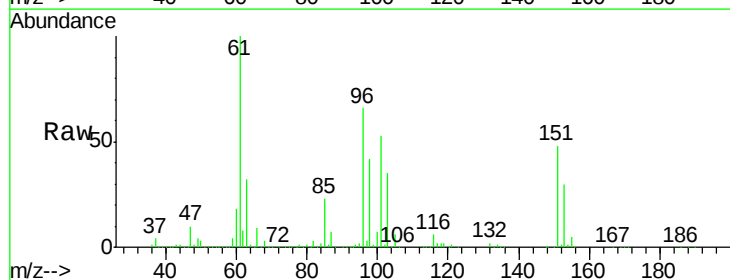
Tot Ion: 59 Resp: 546207
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2

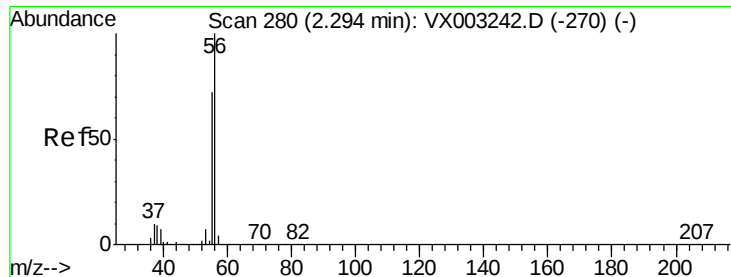


#12

1,1-Dichloroethene
Concen: 160.17 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX003244.D
Acq: 09 Jul 2018 13:36

Tgt Ion: 96 Resp: 407502
Ion Ratio Lower Upper
96 100
61 151.3 137.9 206.9
98 63.9 51.6 77.4





#13

Acrolein

Concen: 1010.69 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

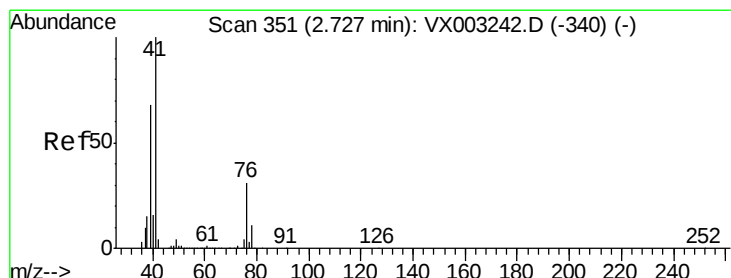
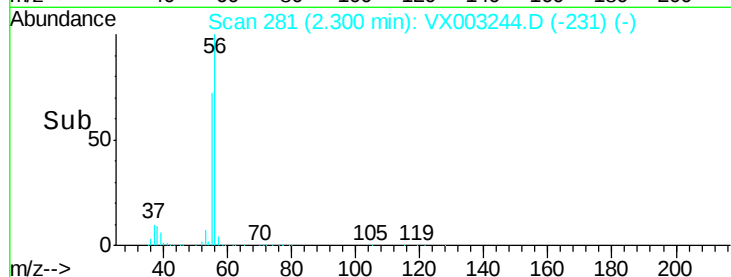
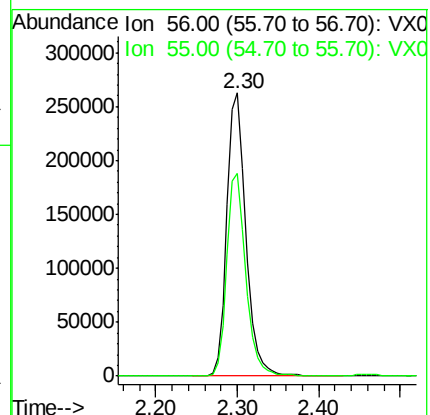
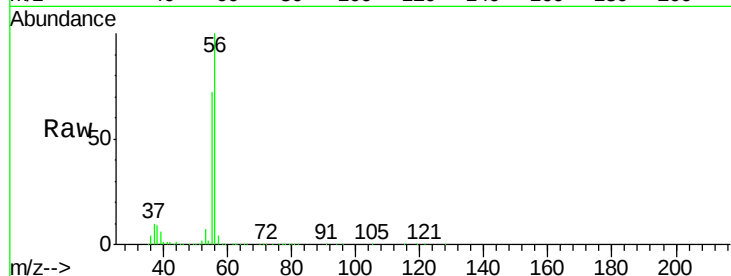
VSTDIC150

Tot Ion: 56 Resp: 426222

Ion Ratio Lower Upper

56 100

55 71.5 57.0 85.4



#14

Allyl chloride

Concen: 151.42 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

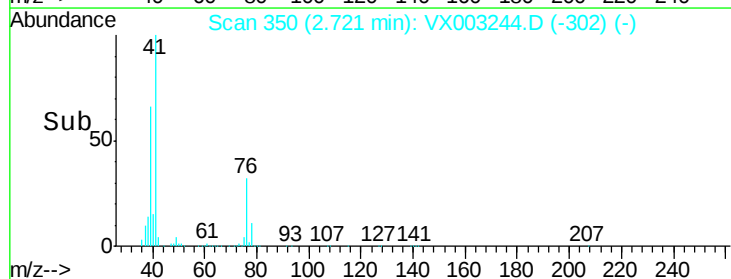
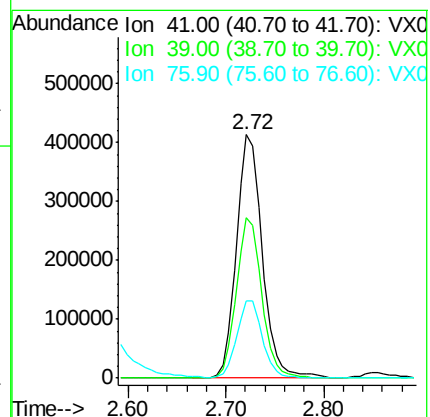
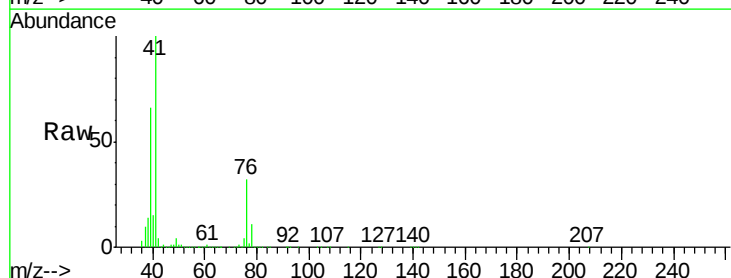
Tgt Ion: 41 Resp: 759390

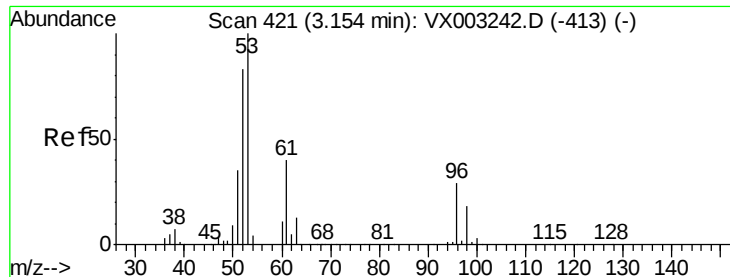
Ion Ratio Lower Upper

41 100

39 64.5 56.8 85.2

76 31.7 23.8 35.8





#15

Acrylonitrile

Concen: 774.61 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

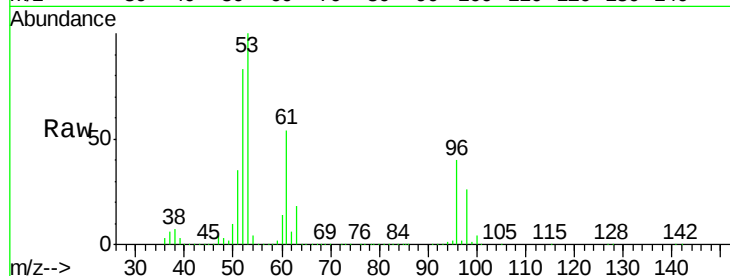
Tot Ion: 53 Resp: 1175221

Ion Ratio Lower Upper

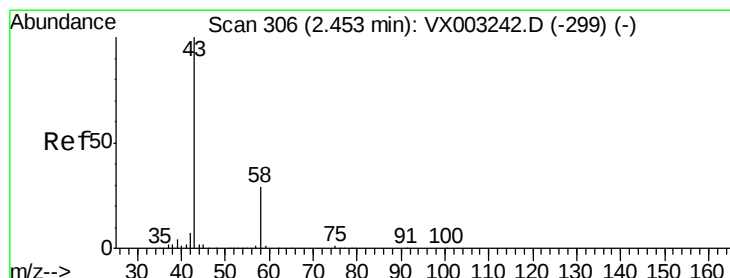
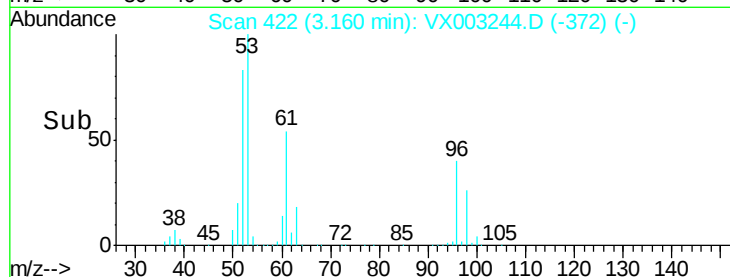
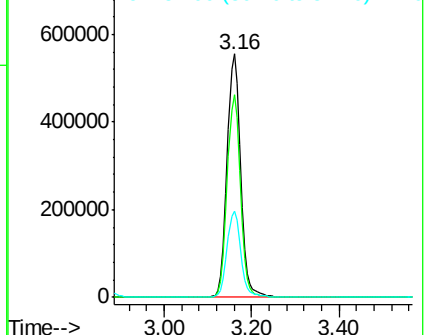
53 100

52 82.0 66.7 100.1

51 36.4 29.9 44.9



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: 682.78 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX003244.D

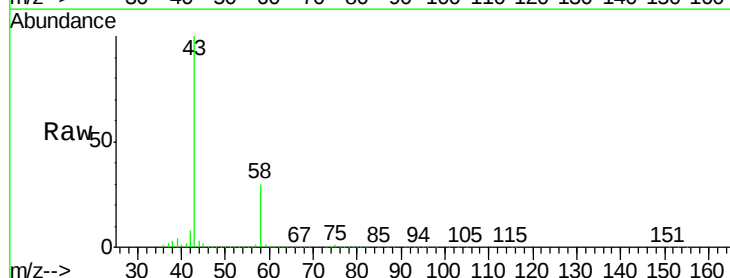
Acq: 09 Jul 2018 13:36

Tgt Ion: 43 Resp: 1008210

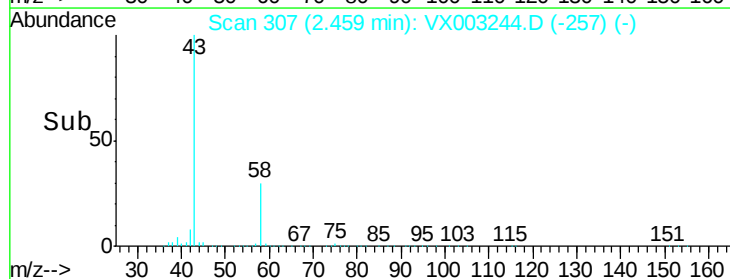
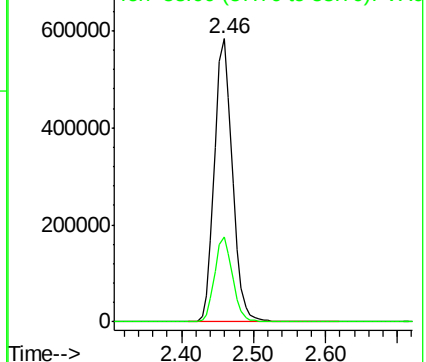
Ion Ratio Lower Upper

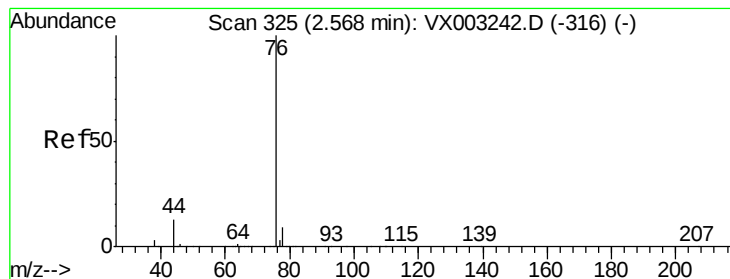
43 100

58 30.1 22.1 33.1



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





#17

Carbon Disulfide

Concen: 173.43 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

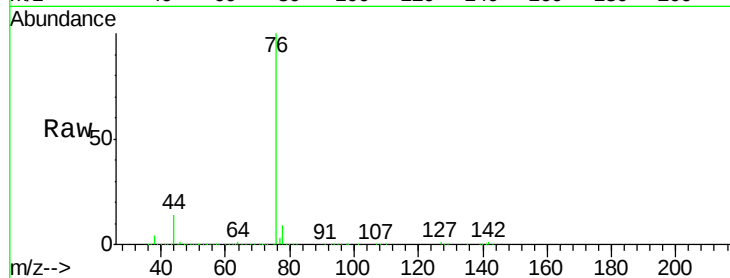
VSTDIC150

Tot Ion: 76 Resp: 1175591

Ion Ratio Lower Upper

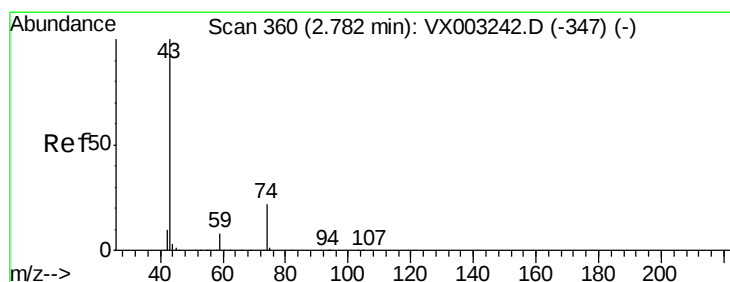
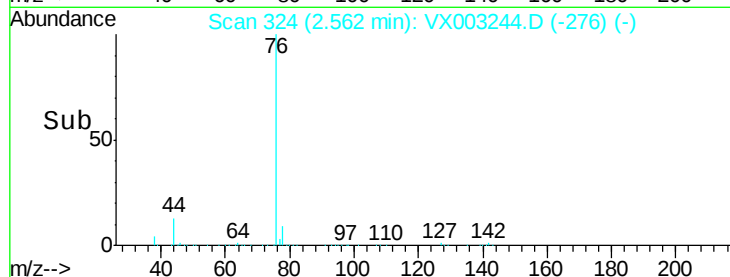
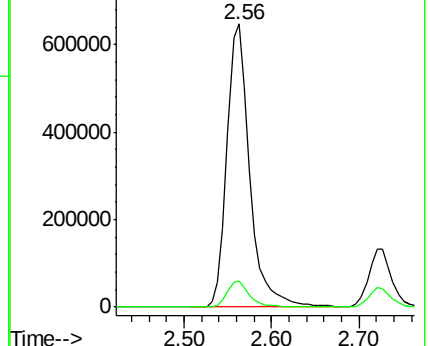
76 100

78 9.3 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 142.56 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003244.D

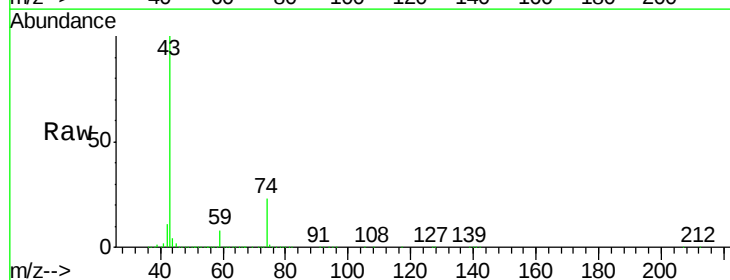
Acq: 09 Jul 2018 13:36

Tgt Ion: 43 Resp: 588556

Ion Ratio Lower Upper

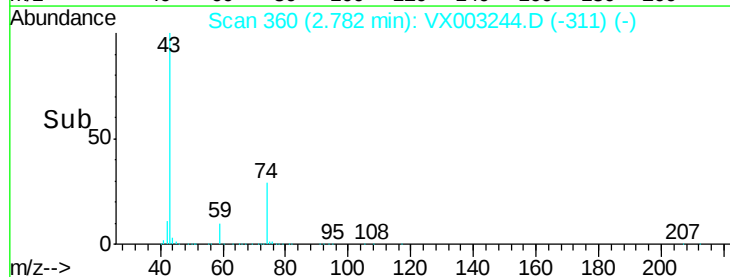
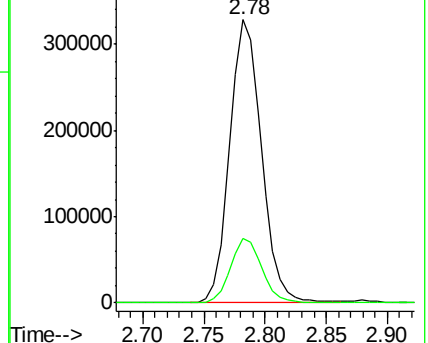
43 100

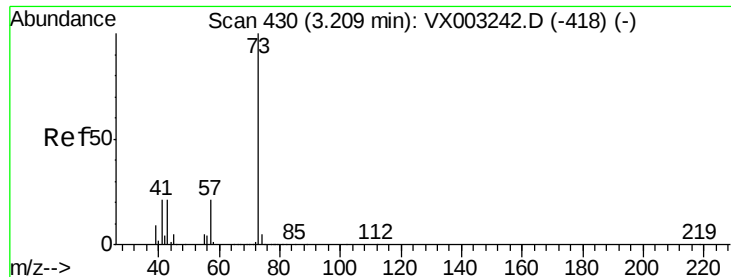
74 22.6 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

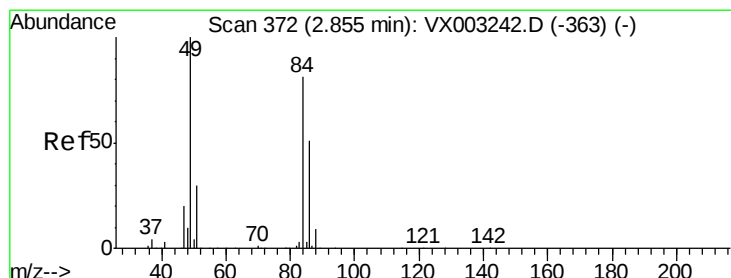
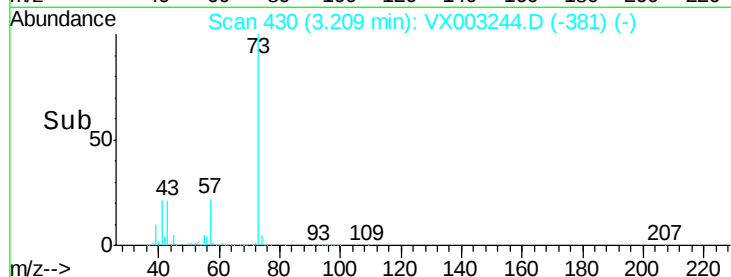
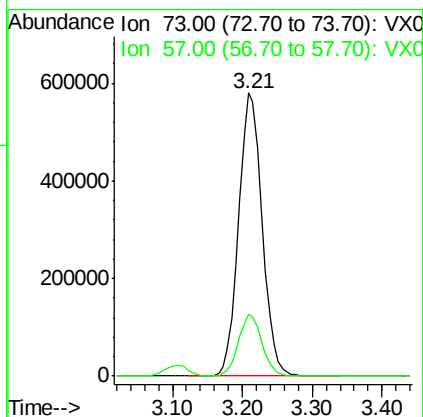
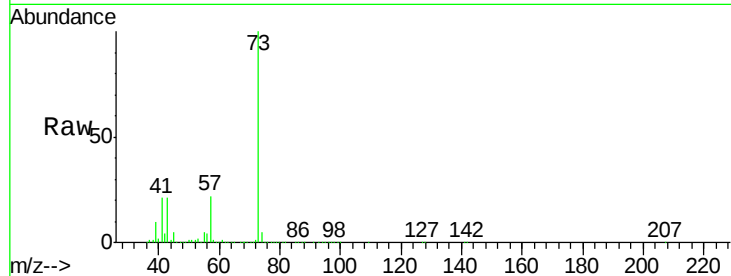




#19
Methyl tert-butyl Ether
Concen: 148.02 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003244.D
Acq: 09 Jul 2018 13:36

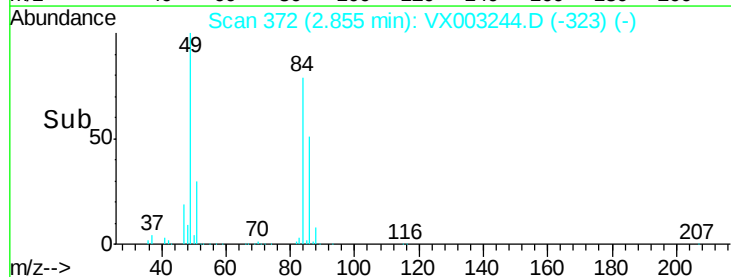
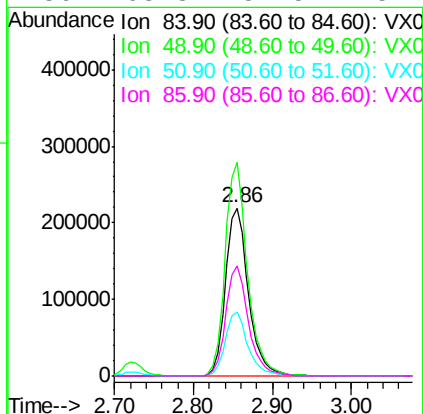
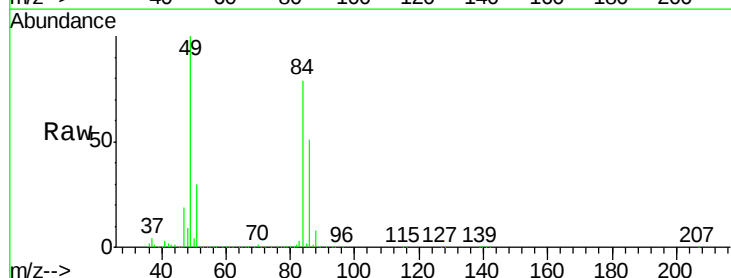
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

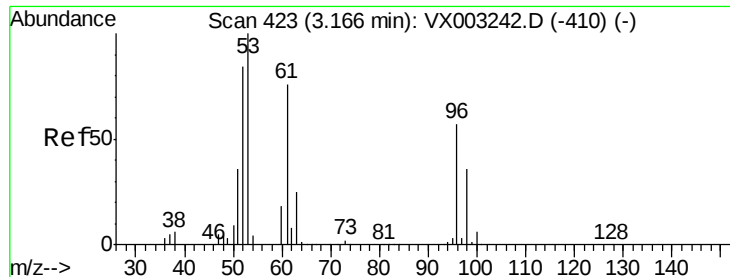
Tot Ion: 73 Resp: 1353800
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5



#20
Methylene Chloride
Concen: 154.31 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003244.D
Acq: 09 Jul 2018 13:36

Tgt Ion: 84 Resp: 443402
Ion Ratio Lower Upper
84 100
49 126.9 107.8 161.6
51 38.2 32.8 49.2
86 65.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 157.46 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

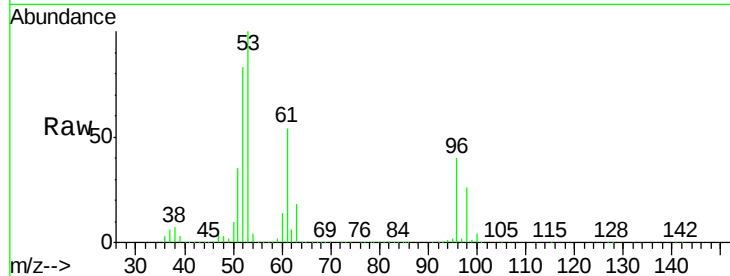
Tot Ion: 96 Resp: 436323

Ion Ratio Lower Upper

96 100

61 136.4 117.0 175.4

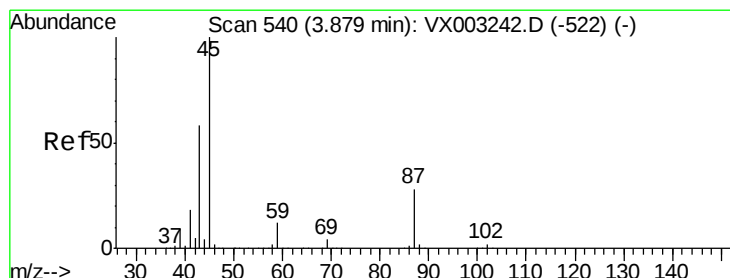
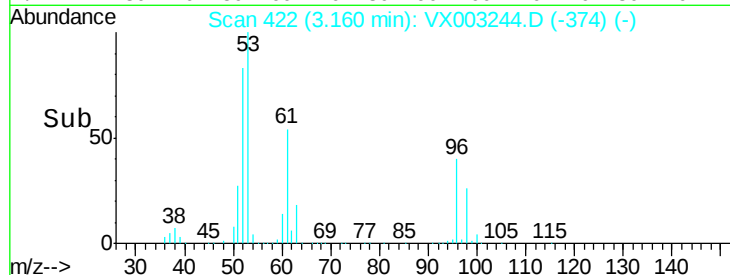
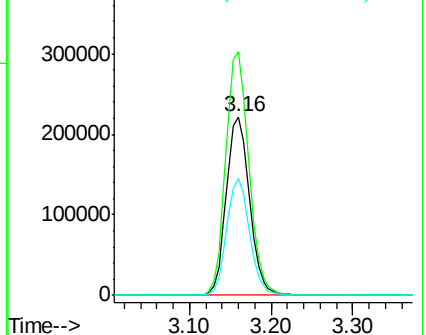
98 65.6 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 163.40 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Tgt Ion: 45 Resp: 1566434

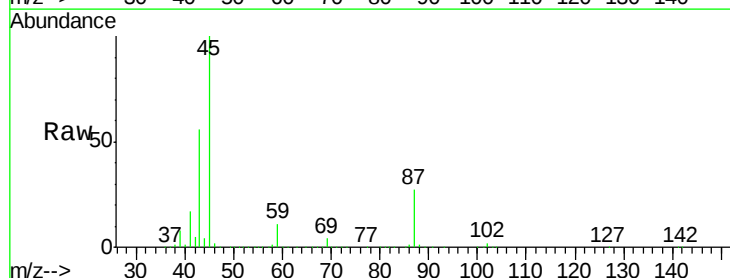
Ion Ratio Lower Upper

45 100

43 56.1 46.8 70.2

87 27.0 20.2 30.4

59 11.0 8.7 13.1

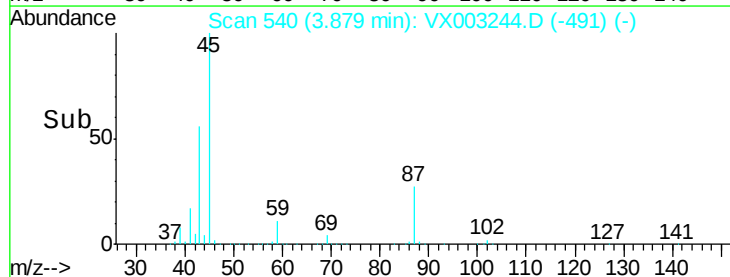
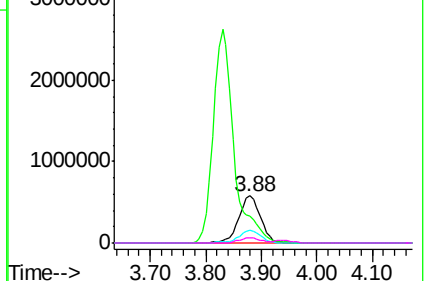


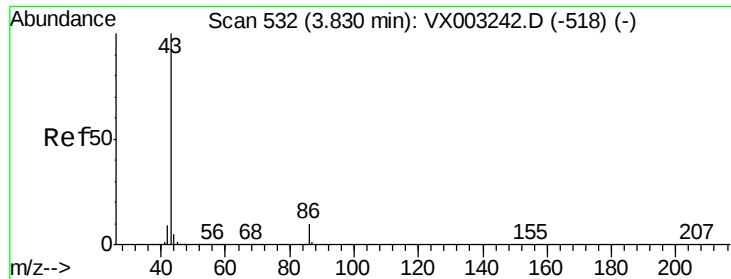
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 837.56 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

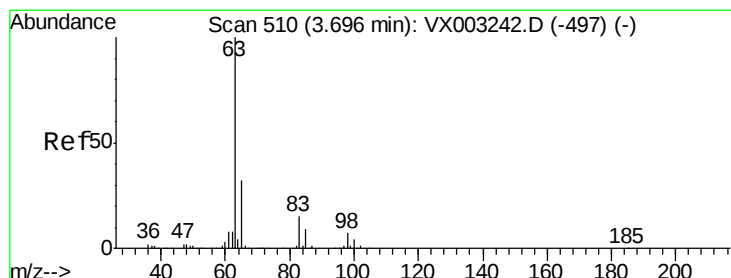
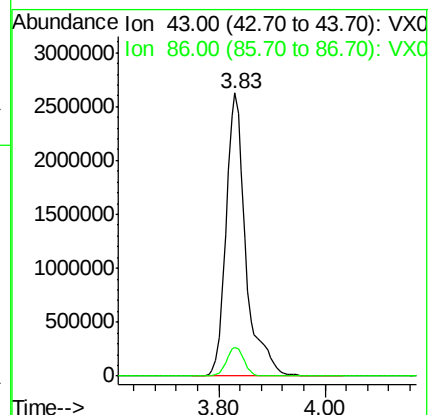
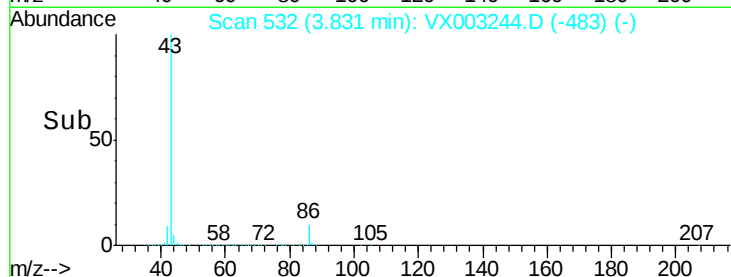
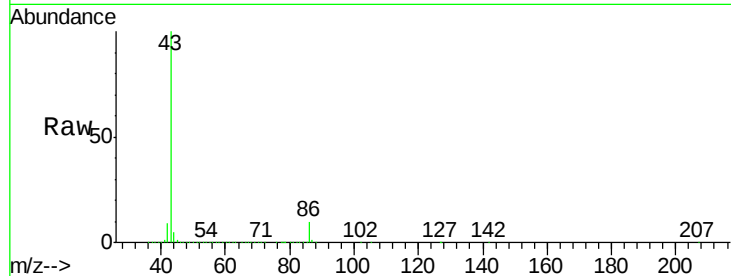
VSTDIC150

Tot Ion: 43 Resp: 6798828

Ion Ratio Lower Upper

43 100

86 10.3 7.4 11.0



#24

1,1-Dichloroethane

Concen: 152.73 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

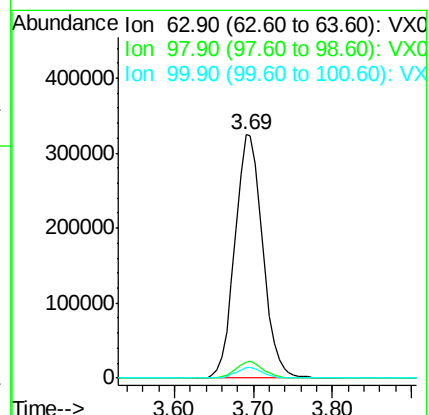
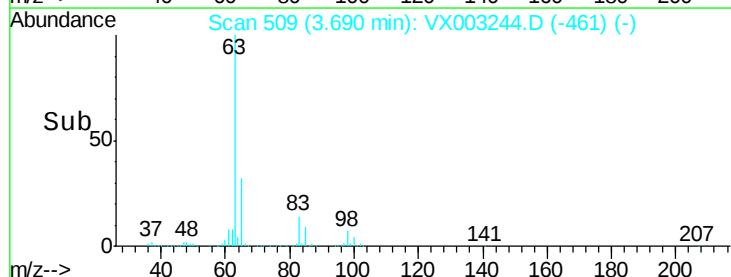
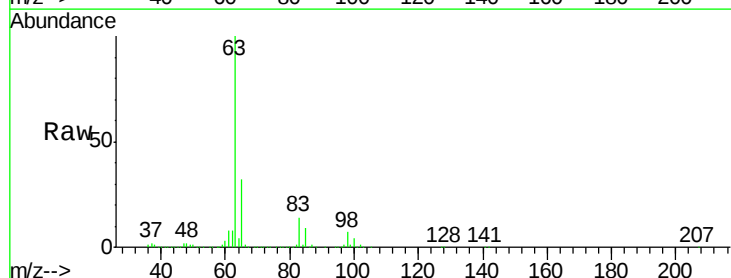
Tgt Ion: 63 Resp: 795770

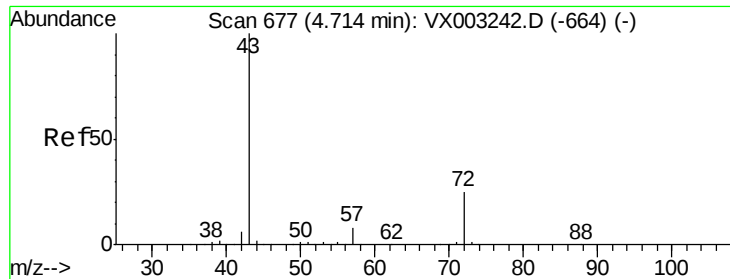
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 839.66 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

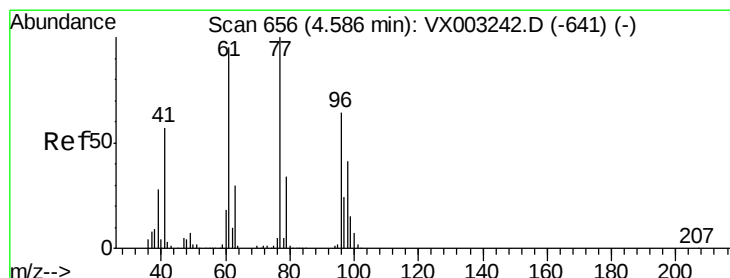
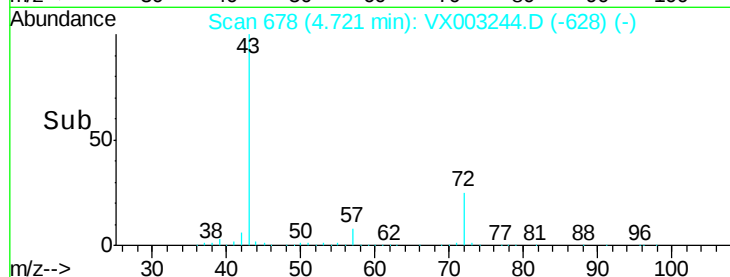
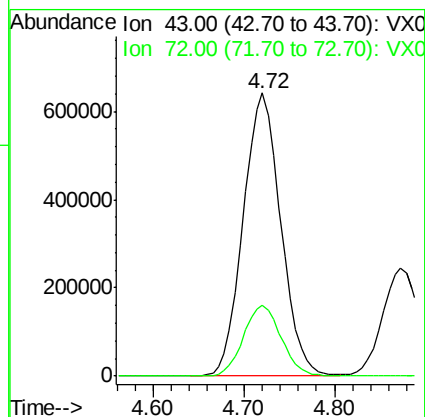
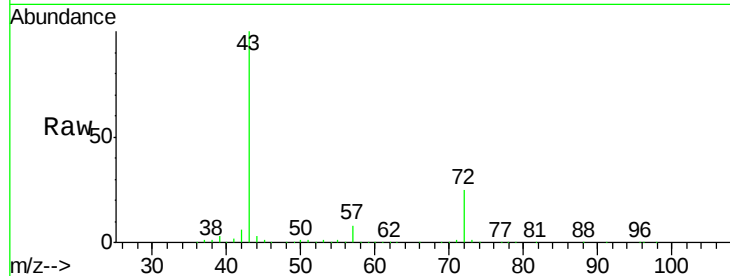
VSTDIC150

Tot Ion: 43 Resp: 1840070

Ion Ratio Lower Upper

43 100

72 25.0 18.5 27.7



#26

2,2-Dichloropropane

Concen: 164.52 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003244.D

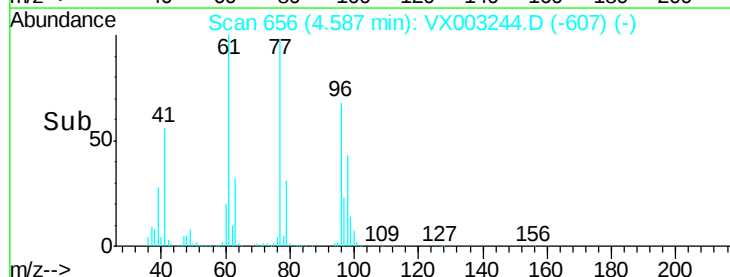
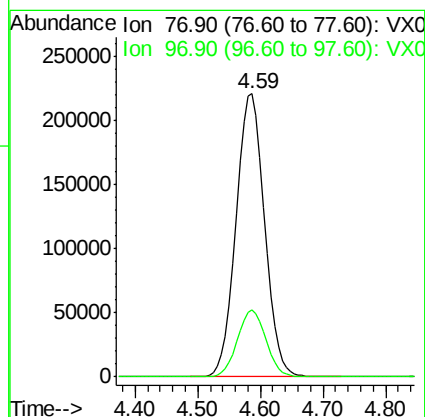
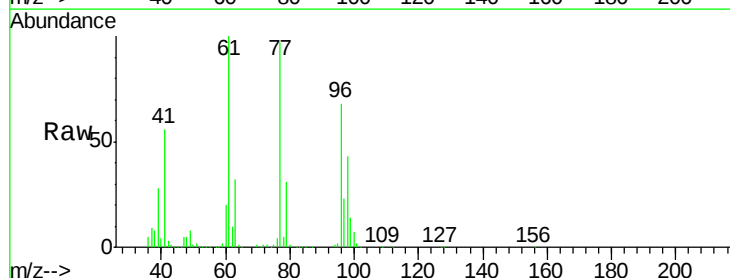
Acq: 09 Jul 2018 13:36

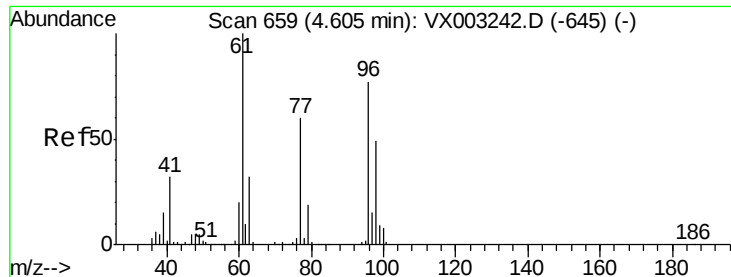
Tgt Ion: 77 Resp: 697032

Ion Ratio Lower Upper

77 100

97 23.6 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 174.78 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

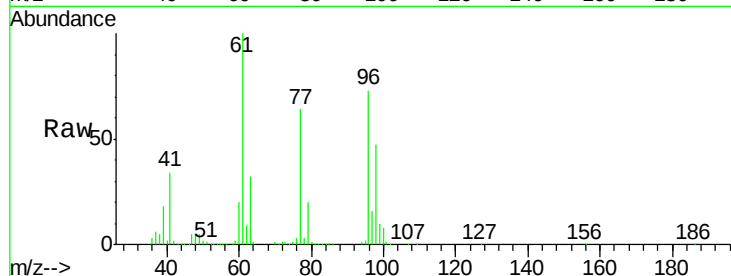
Tot Ion: 96 Resp: 543026

Ion Ratio Lower Upper

96 100

61 145.8 0.0 330.2

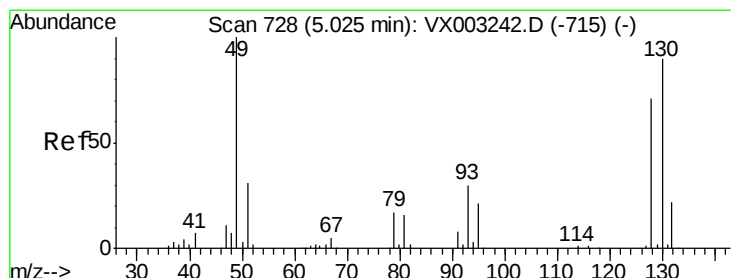
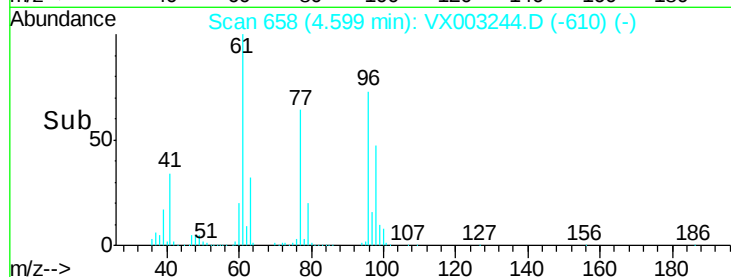
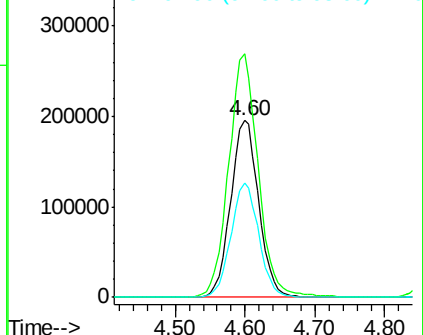
98 64.3 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 148.82 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

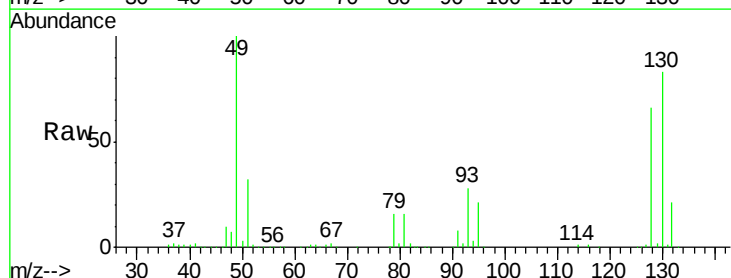
Tgt Ion: 49 Resp: 371160

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

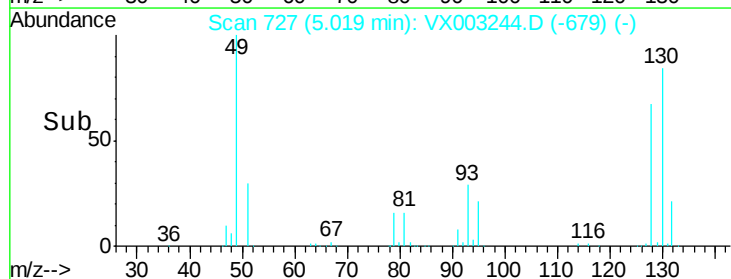
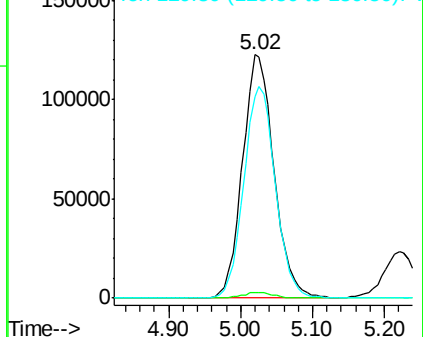
130 87.2 61.2 91.8

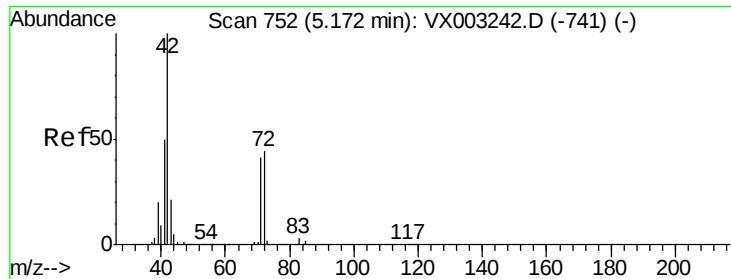


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

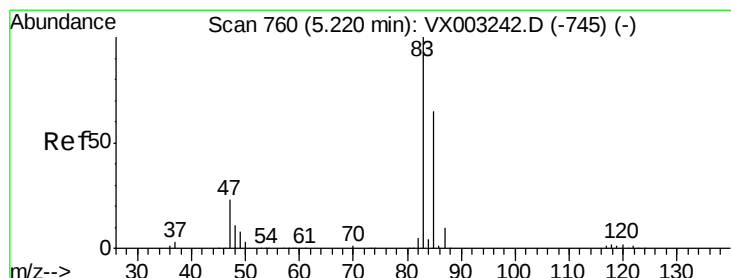
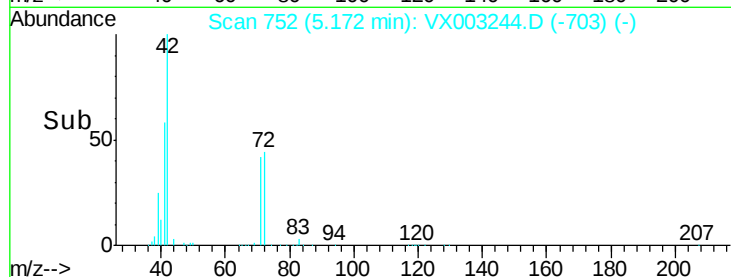
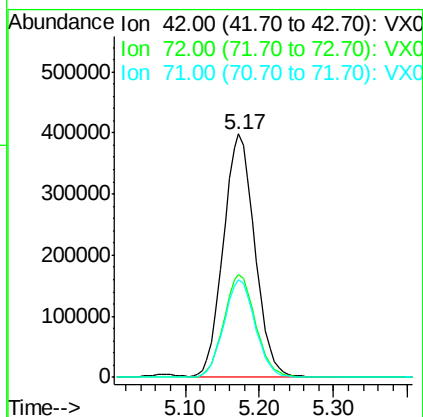
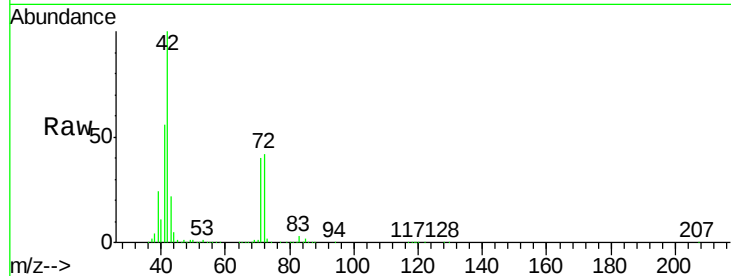




#29
Tetrahydrofuran
Concen: 832.50 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX003244.D
Acq: 09 Jul 2018 13:36

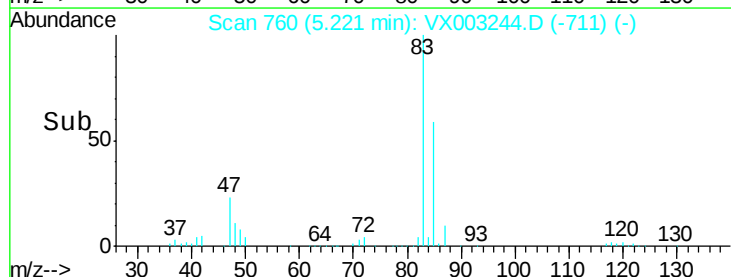
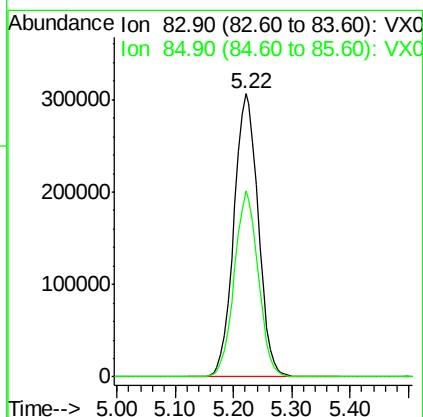
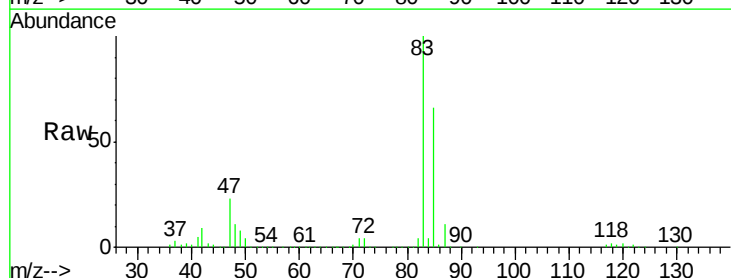
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

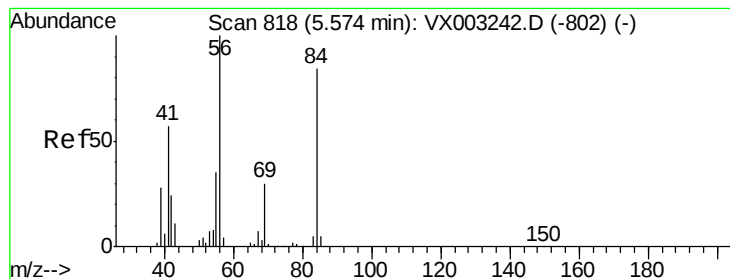
Tot Ion: 42 Resp: 1169931
Ion Ratio Lower Upper
42 100
72 42.8 32.0 48.0
71 40.0 30.1 45.1



#30
Chloroform
Concen: 165.97 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003244.D
Acq: 09 Jul 2018 13:36

Tgt Ion: 83 Resp: 887503
Ion Ratio Lower Upper
83 100
85 65.6 50.4 75.6





#31

Cyclohexane

Concen: 174.00 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

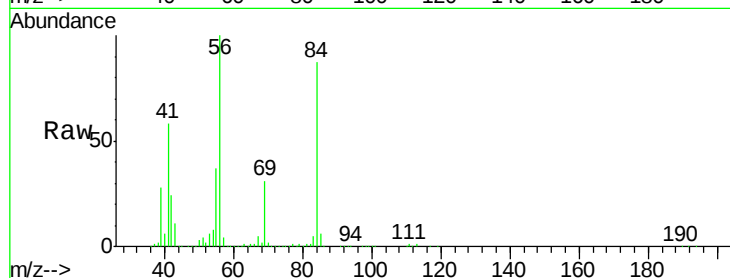
Tot Ion: 56 Resp: 778057

Ion Ratio Lower Upper

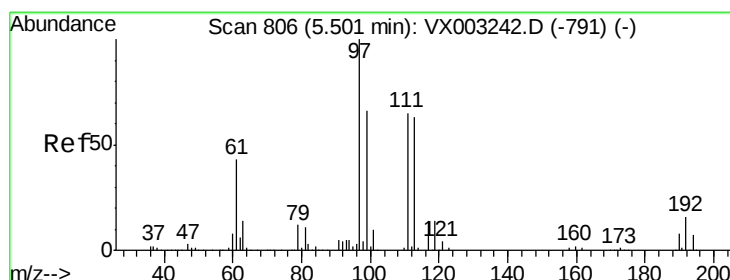
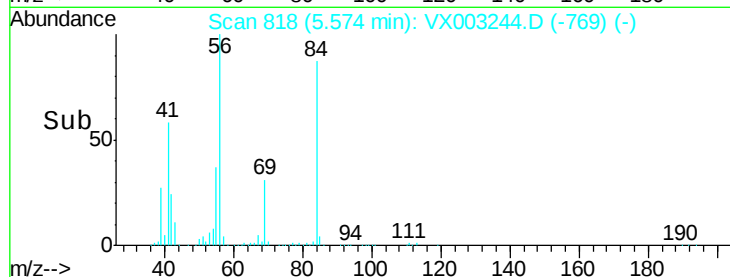
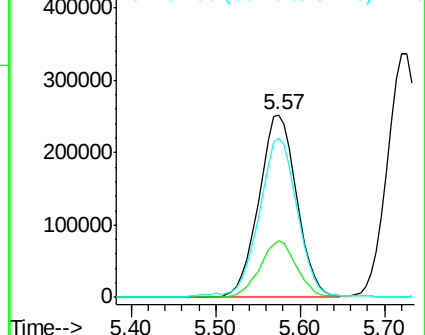
56 100

69 31.4 23.7 35.5

84 86.7 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 173.60 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

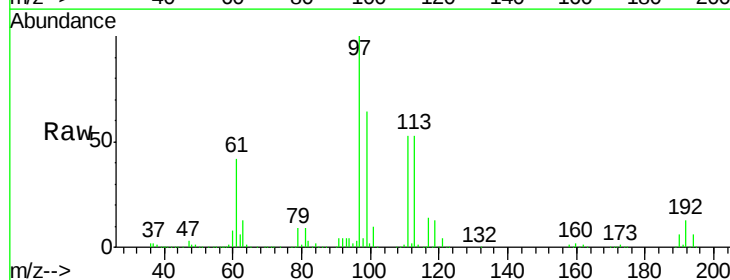
Tgt Ion: 97 Resp: 816711

Ion Ratio Lower Upper

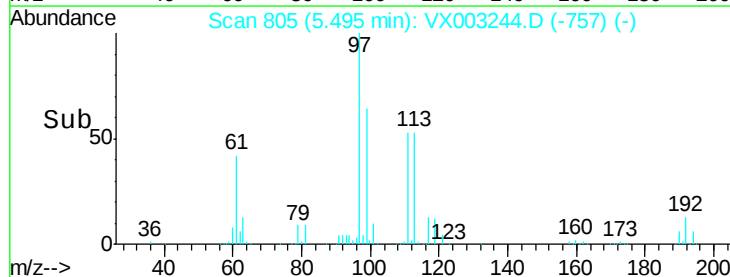
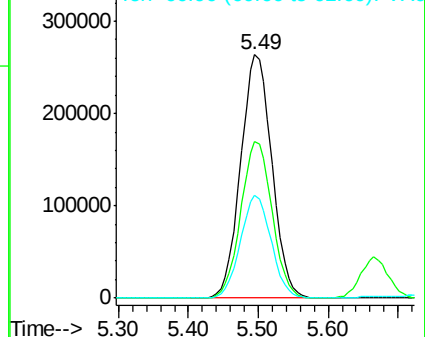
97 100

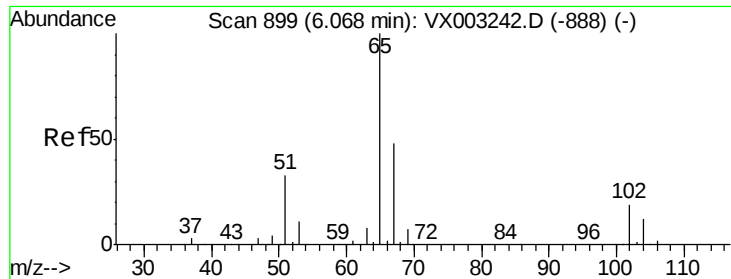
99 64.4 51.6 77.4

61 41.7 36.4 54.6



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

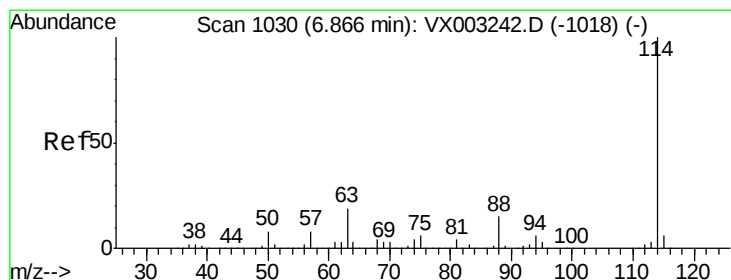
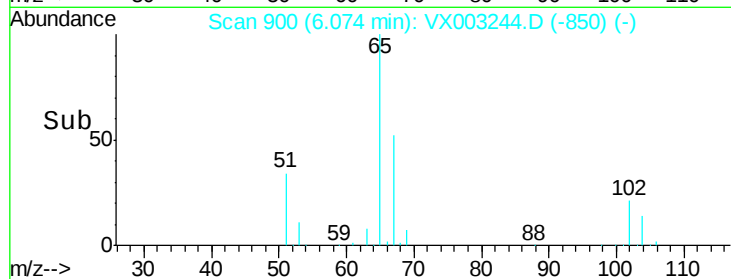
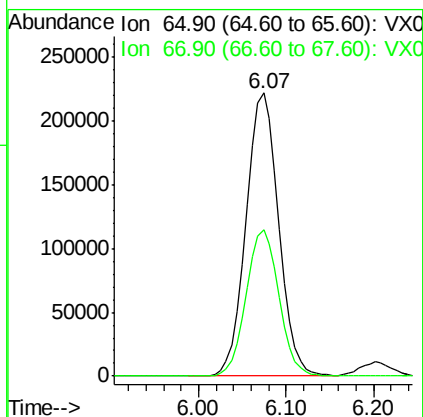
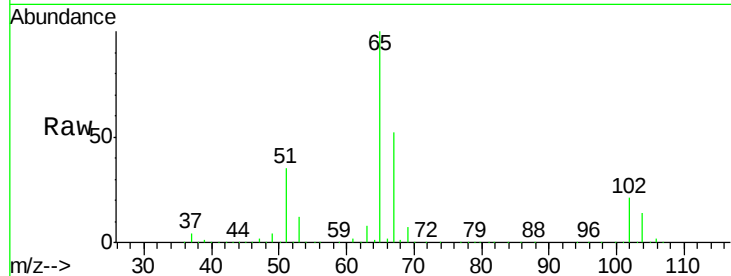




#33
 1,2-Dichloroethane-d4
 Concen: 161.26 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003244.D
 Acq: 09 Jul 2018 13:36

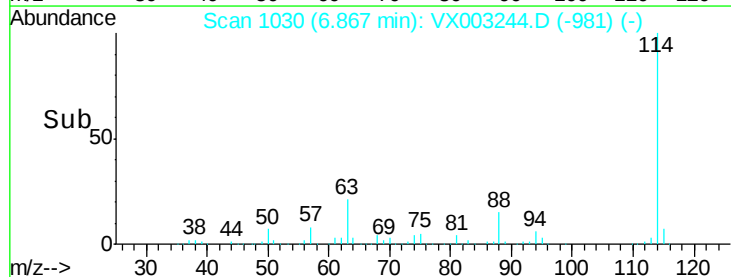
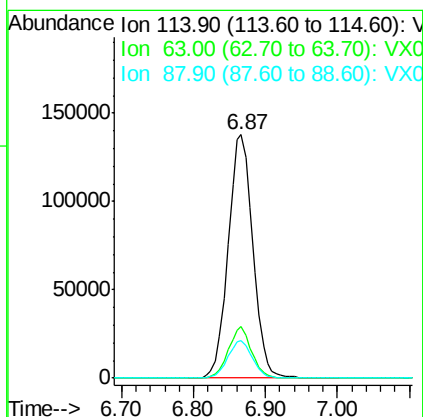
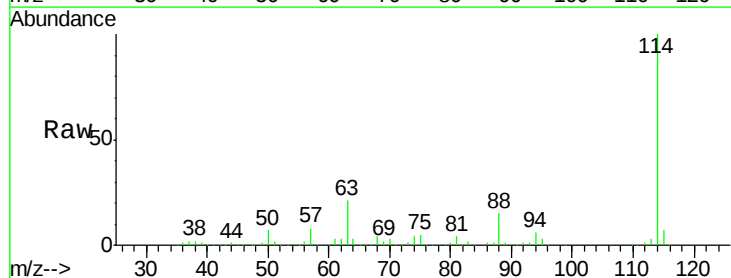
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

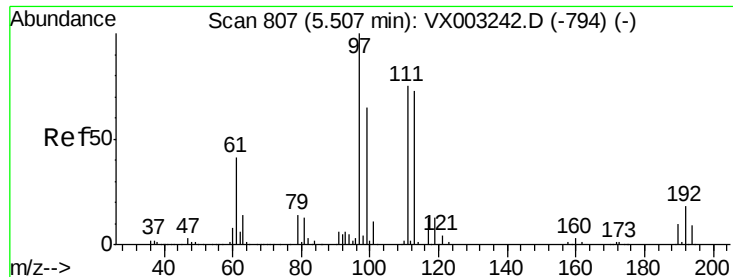
Tot Ion: 65 Resp: 575004
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003244.D
 Acq: 09 Jul 2018 13:36

Tgt Ion: 114 Resp: 329360
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.4
 88 15.3 0.0 30.0

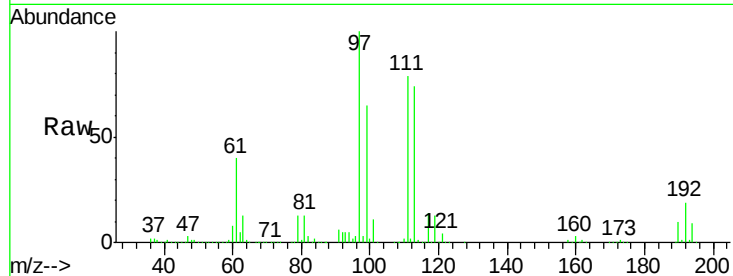




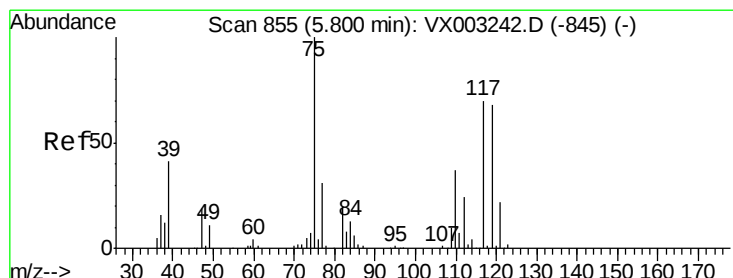
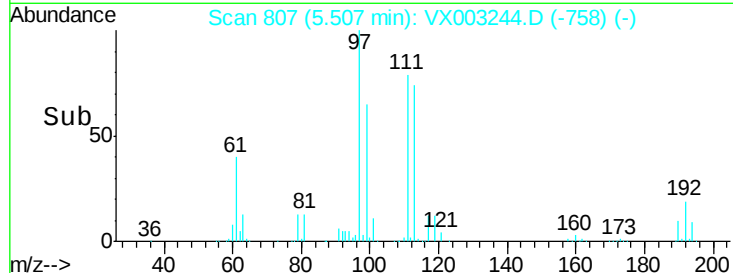
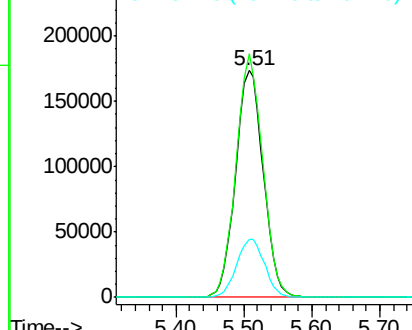
#35
 Dibromofluoromethane
 Concen: 188.74 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003244.D
 Acq: 09 Jul 2018 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:113 Resp: 492282
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.4 122.0
 192 25.8 19.1 28.7

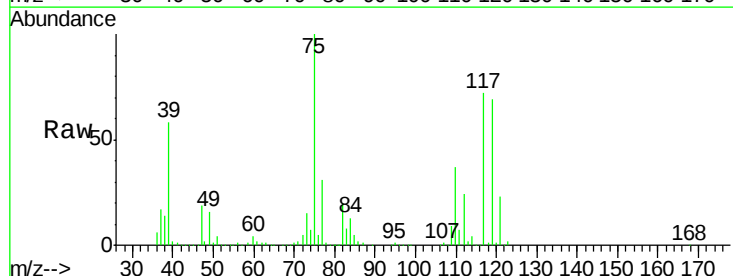


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

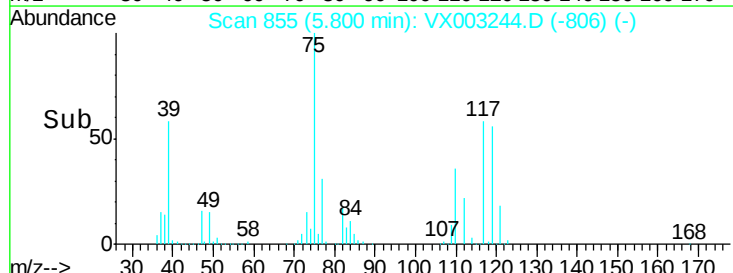
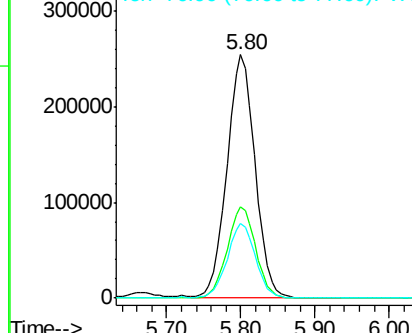


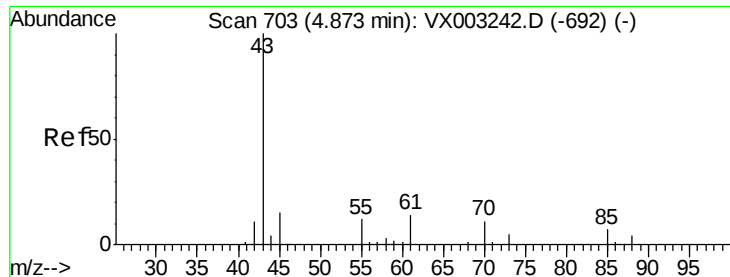
#36
 1,1-Dichloropropene
 Concen: 185.10 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003244.D
 Acq: 09 Jul 2018 13:36

Tgt Ion: 75 Resp: 668559
 Ion Ratio Lower Upper
 75 100
 110 38.0 18.1 54.4
 77 31.0 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

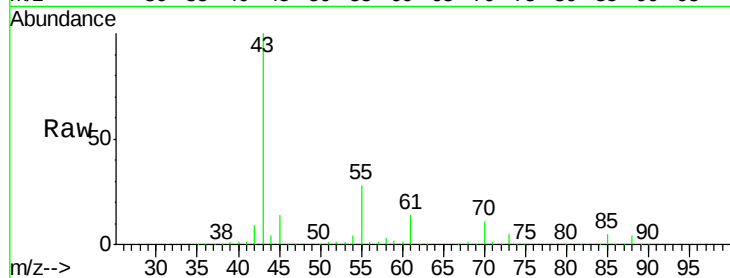




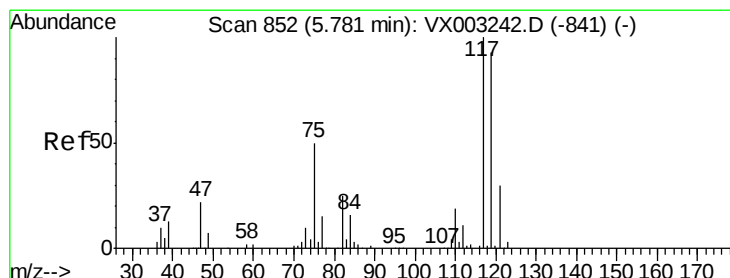
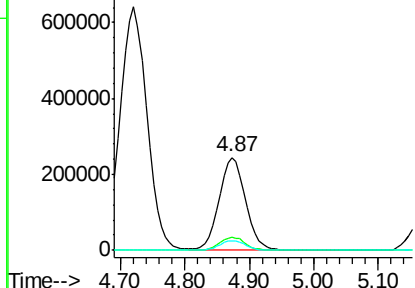
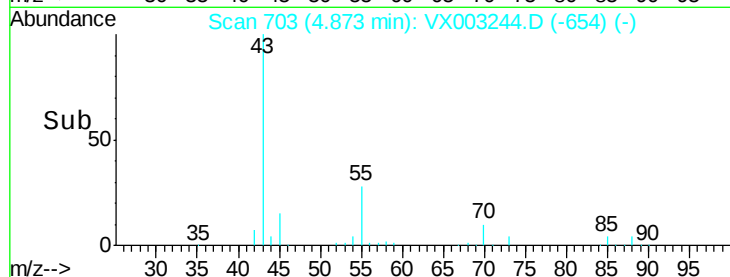
#37
Ethyl Acetate
Concen: 182.59 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX003244.D
Acq: 09 Jul 2018 13:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 710068
Ion Ratio Lower Upper
43 100
61 13.6 10.4 15.6
70 10.1 7.6 11.4

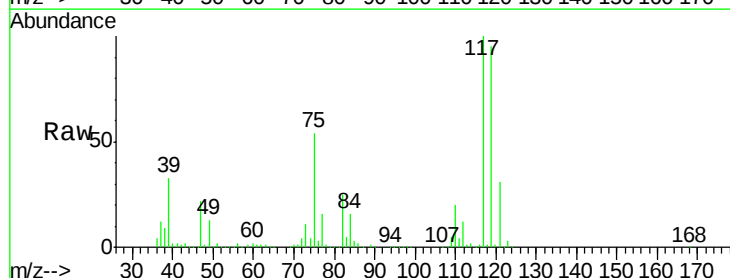


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

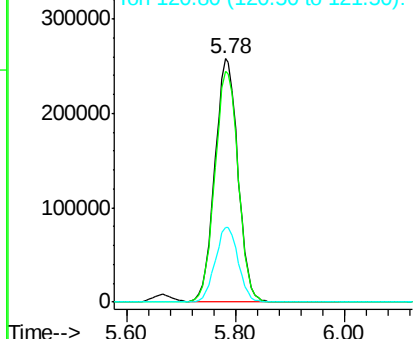
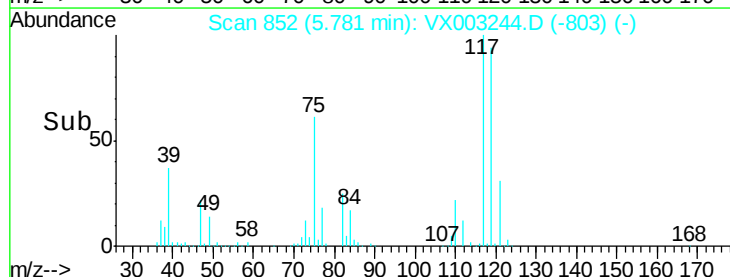


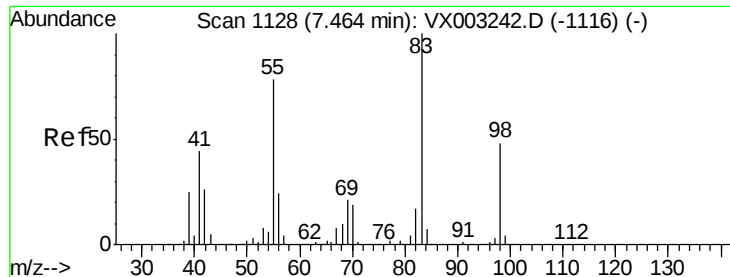
#38
Carbon Tetrachloride
Concen: 190.38 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003244.D
Acq: 09 Jul 2018 13:36

Tgt Ion: 117 Resp: 754589
Ion Ratio Lower Upper
117 100
119 94.6 77.4 116.0
121 30.8 24.4 36.6



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

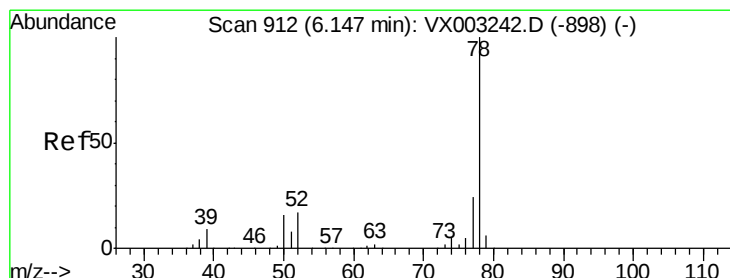
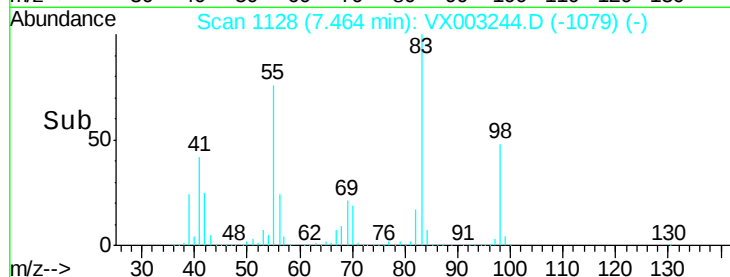
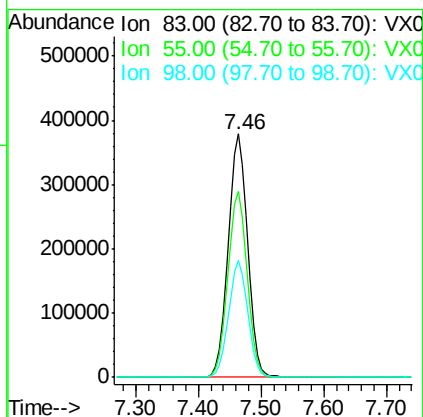
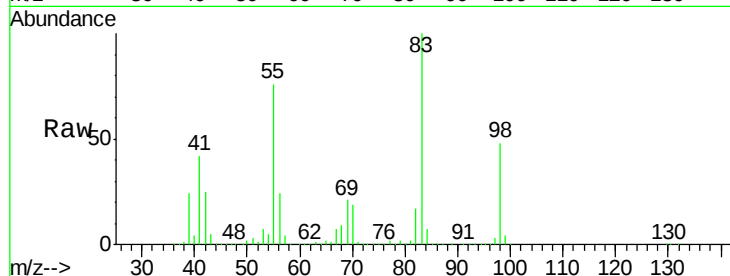




#39
Methvlcvclohexane
Concen: 192.34 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003244.D
Acq: 09 Jul 2018 13:36

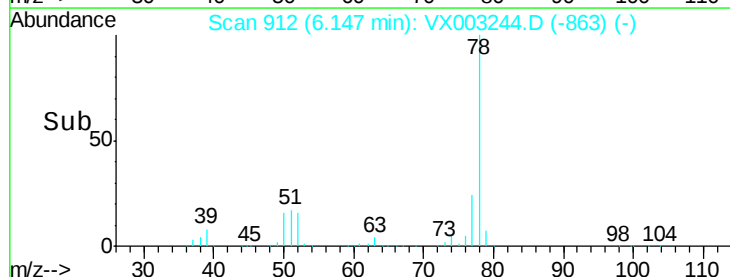
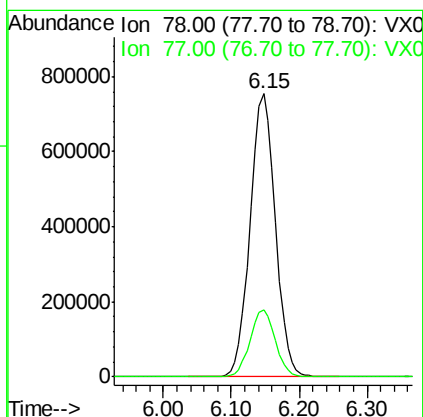
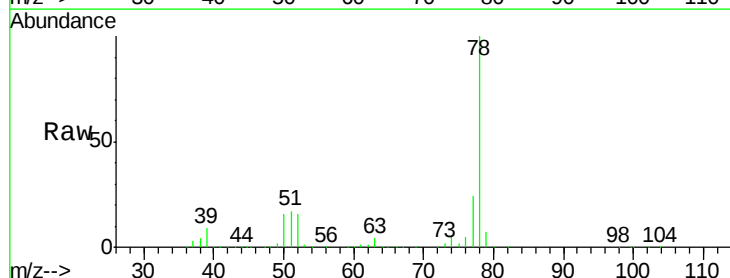
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

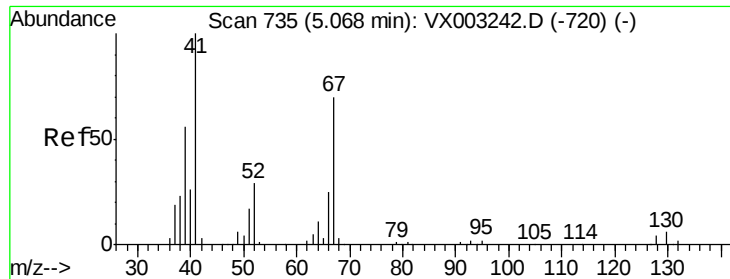
Tot Ion: 83 Resp: 809192
Ion Ratio Lower Upper
83 100
55 76.2 65.4 98.0
98 47.8 37.4 56.0



#40
Benzene
Concen: 186.64 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003244.D
Acq: 09 Jul 2018 13:36

Tgt Ion: 78 Resp: 1958660
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

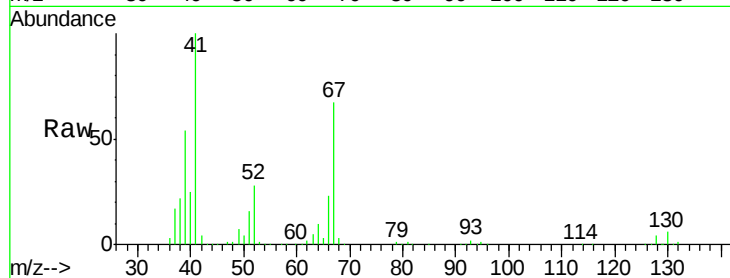




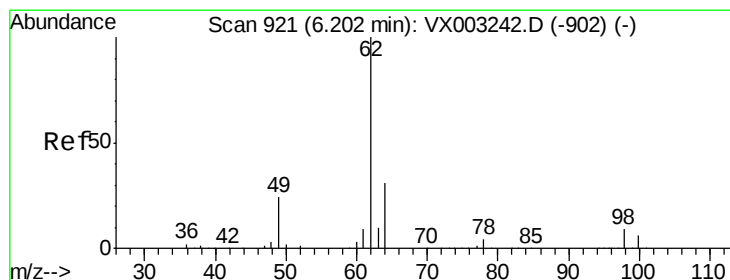
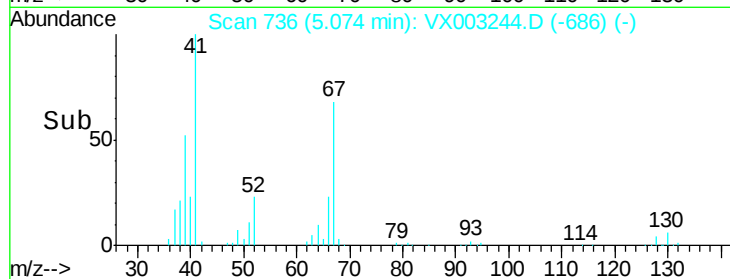
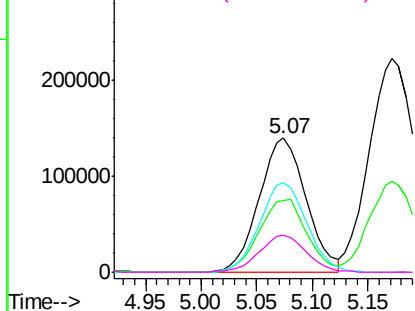
#41
Methacrylonitrile
Concen: 182.70 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX003244.D
Acq: 09 Jul 2018 13:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:	41	Resp:	409129
Ion	Ratio	Lower	Upper
41	100		
39	55.2	45.8	68.6
67	67.9	51.3	76.9
52	27.5	23.0	34.6

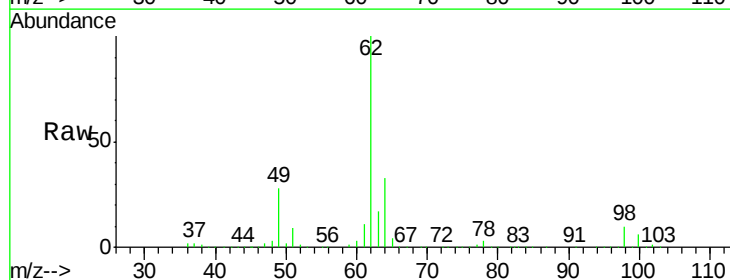


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

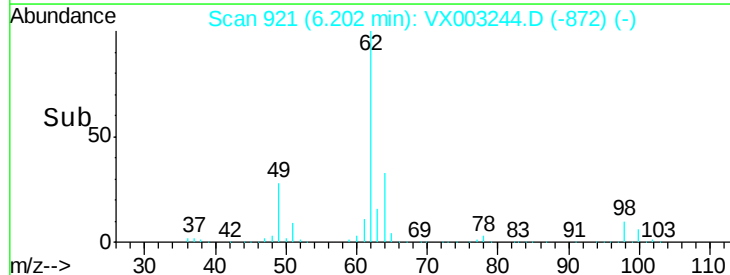
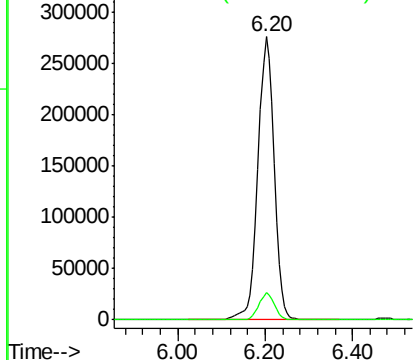


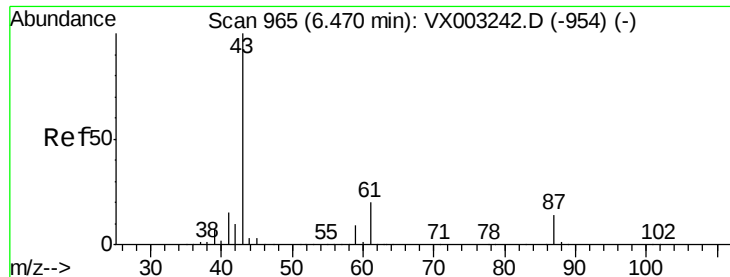
#42
1,2-Dichloroethane
Concen: 166.56 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003244.D
Acq: 09 Jul 2018 13:36

Tgt Ion:	62	Resp:	706066
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.6



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



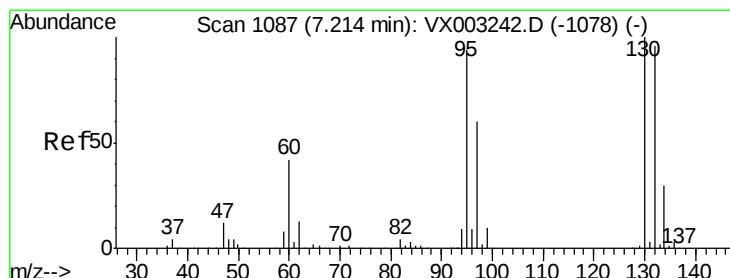
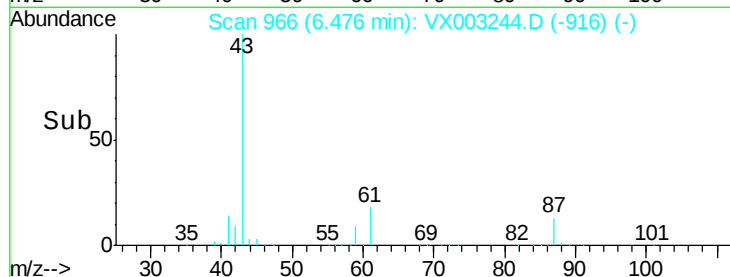
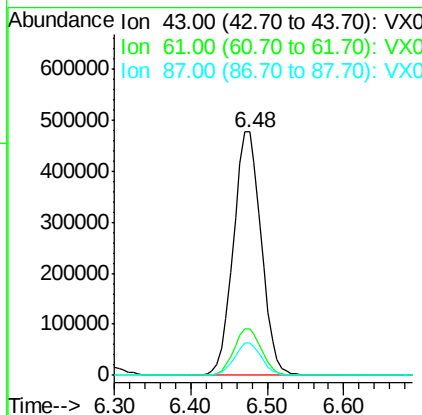
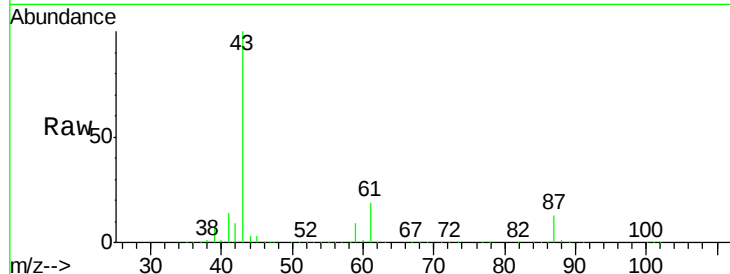


#43

Isopropyl Acetate
 Concen: 183.31 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003244.D
 Acq: 09 Jul 2018 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

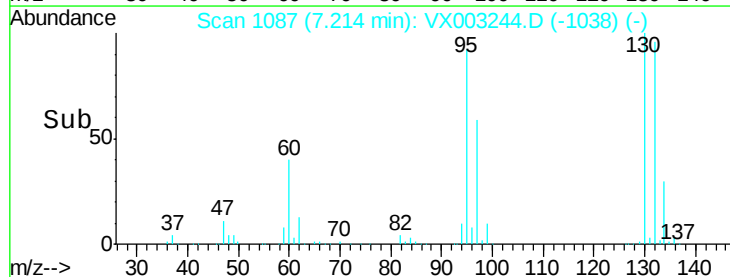
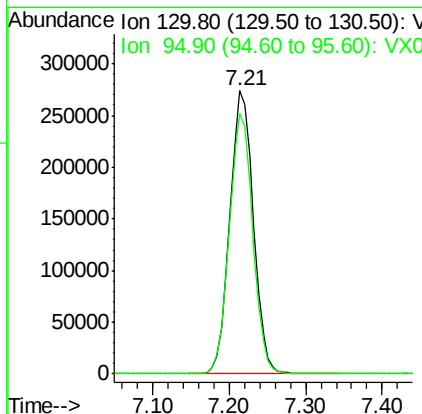
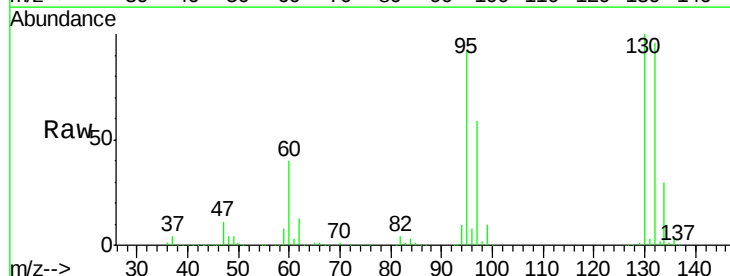
Tot Ion: 43 Resp: 1195597
 Ion Ratio Lower Upper
 43 100
 61 19.3 14.4 21.6
 87 13.0 9.5 14.3

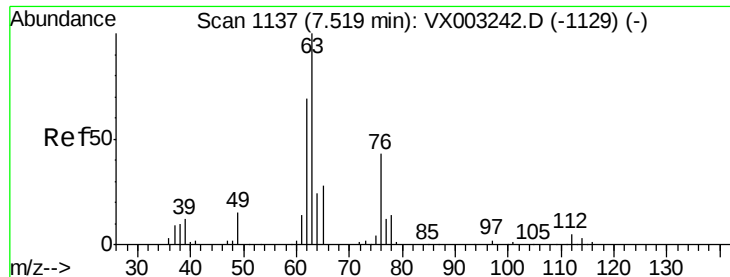


#44

Trichloroethene
 Concen: 186.20 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003244.D
 Acq: 09 Jul 2018 13:36

Tgt Ion:130 Resp: 582586
 Ion Ratio Lower Upper
 130 100
 95 91.9 0.0 185.4





#45

1,2-Dichloropropane

Concen: 182.96 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampled :

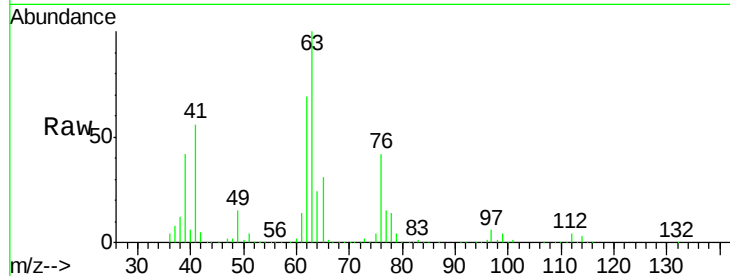
VSTDIC150

Tot Ion: 63 Resp: 509332

Ion Ratio Lower Upper

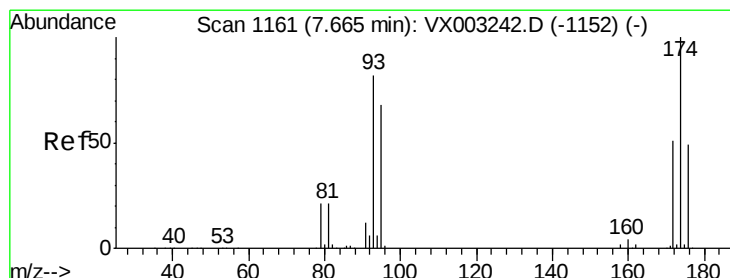
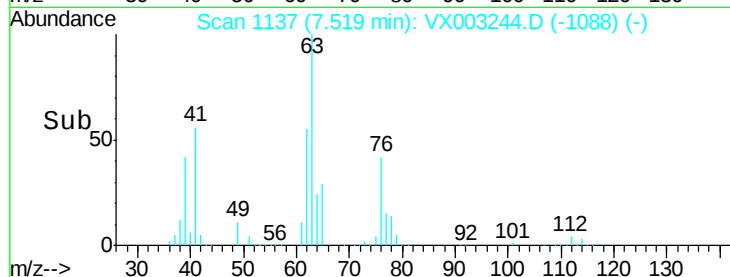
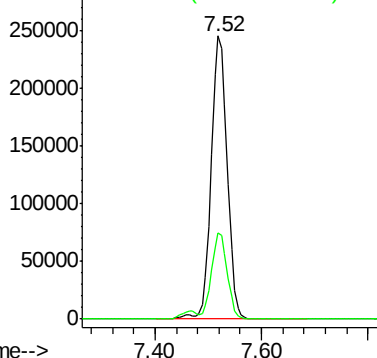
63 100

65 30.7 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 179.79 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

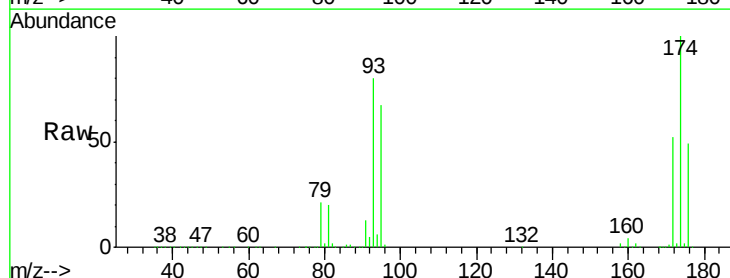
Tgt Ion: 93 Resp: 347347

Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

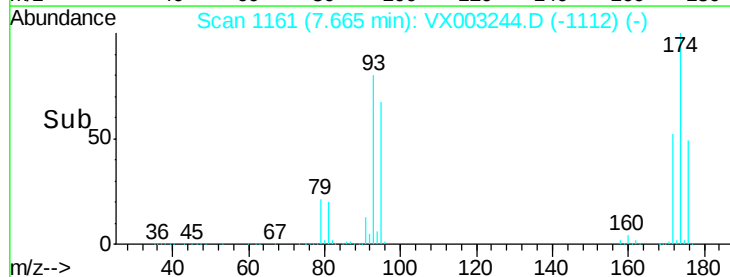
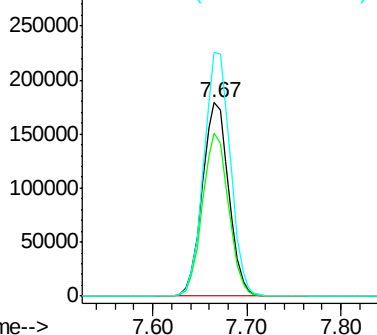
174 126.8 92.4 138.6

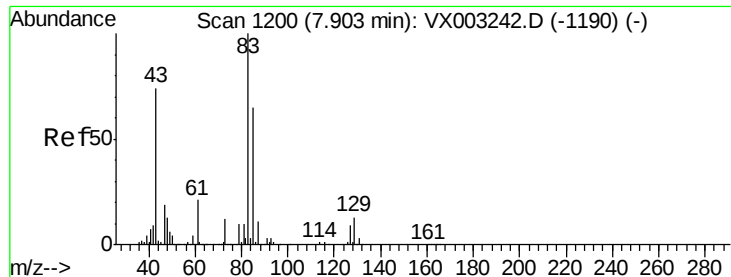


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 192.14 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

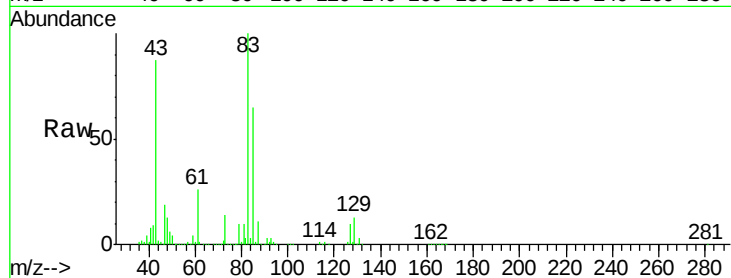
Tot Ion: 83 Resp: 686228

Ion Ratio Lower Upper

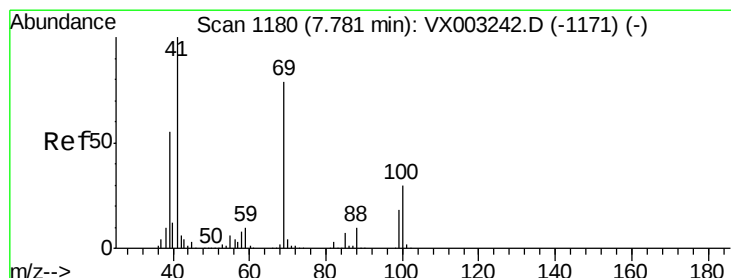
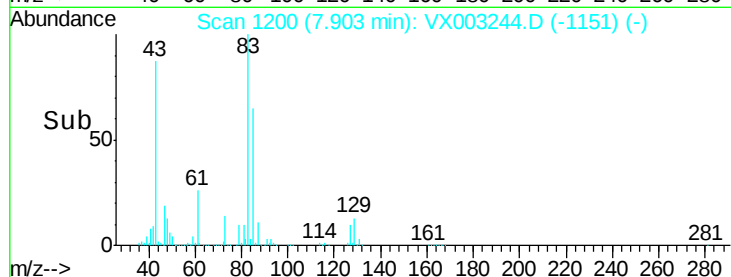
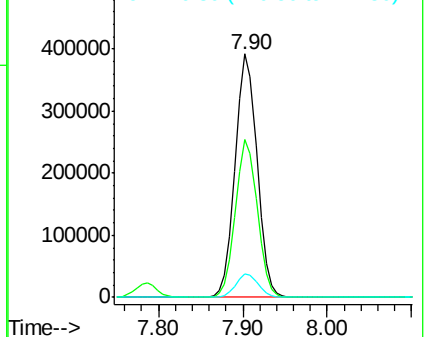
83 100

85 64.7 50.3 75.5

127 9.6 7.0 10.4



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: 186.58 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

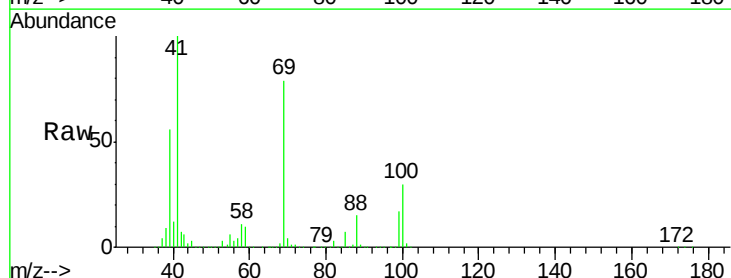
Tgt Ion: 41 Resp: 627023

Ion Ratio Lower Upper

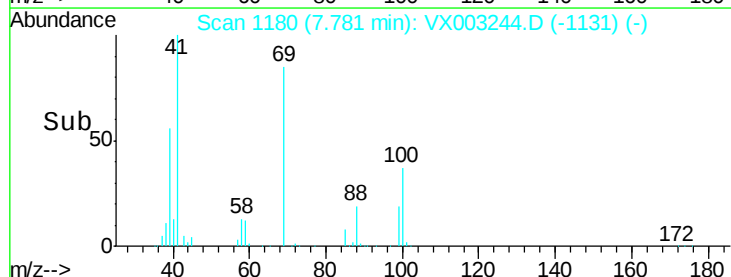
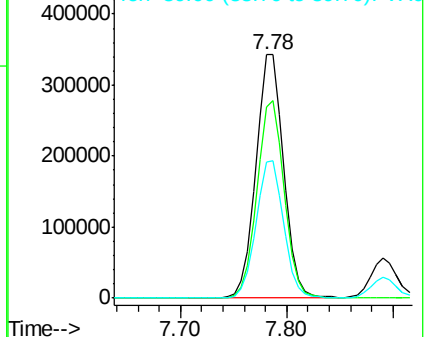
41 100

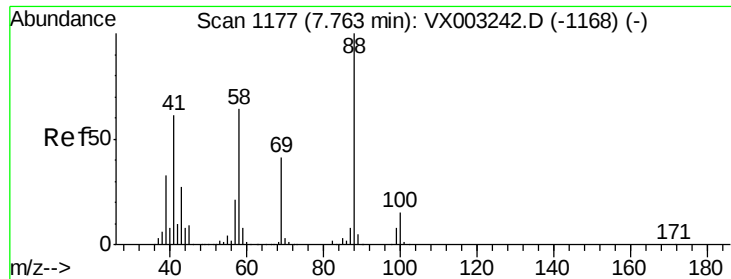
69 80.1 59.1 88.7

39 56.1 48.9 73.3



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

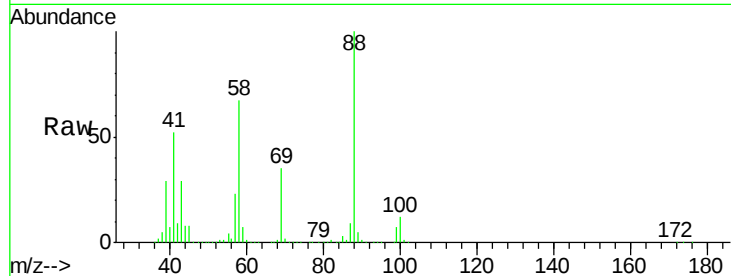




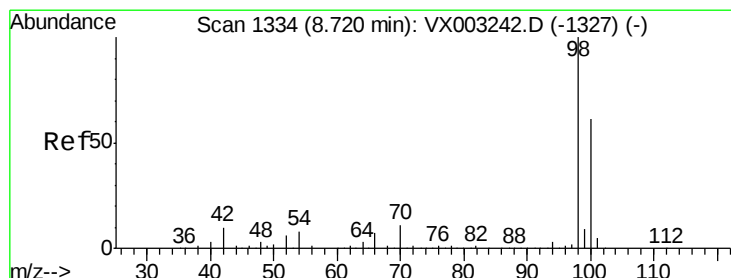
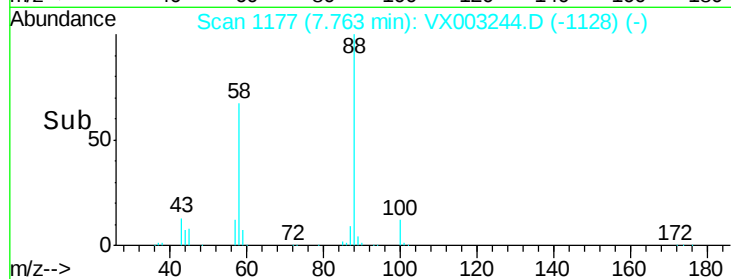
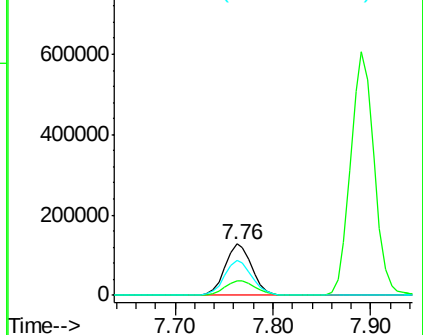
#49
 1,4-Dioxane
 Concen: 3713.96 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX003244.D
 Acq: 09 Jul 2018 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 88 Resp: 242829
 Ion Ratio Lower Upper
 88 100
 43 33.1 29.8 44.6
 58 69.5 57.1 85.7

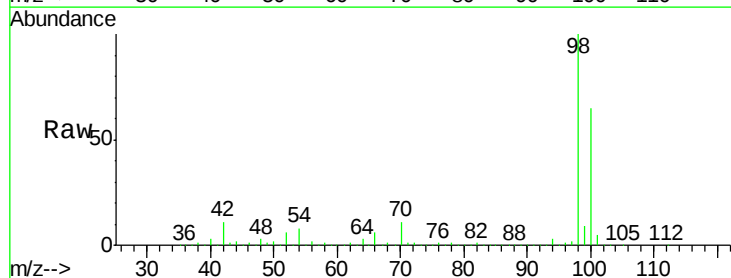


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

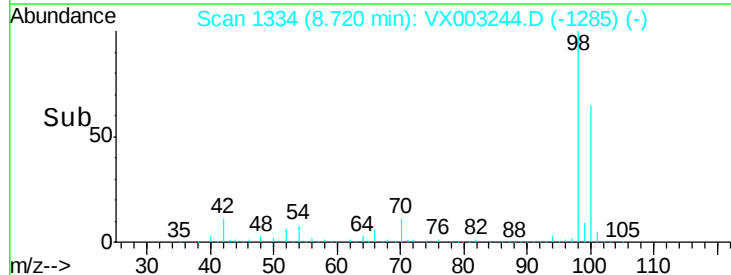
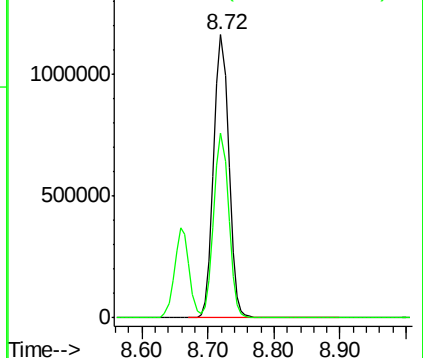


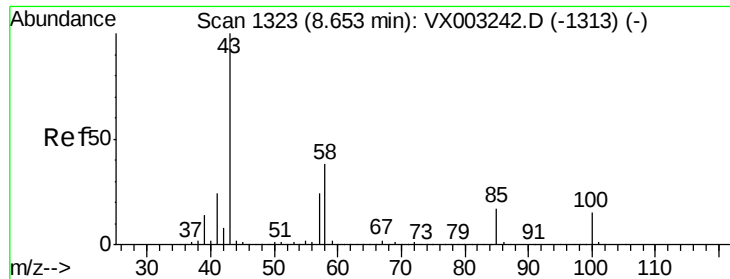
#50
 Toluene-d8
 Concen: 193.92 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003244.D
 Acq: 09 Jul 2018 13:36

Tgt Ion: 98 Resp: 1846975
 Ion Ratio Lower Upper
 98 100
 100 64.5 50.9 76.3



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: 921.87 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampled :

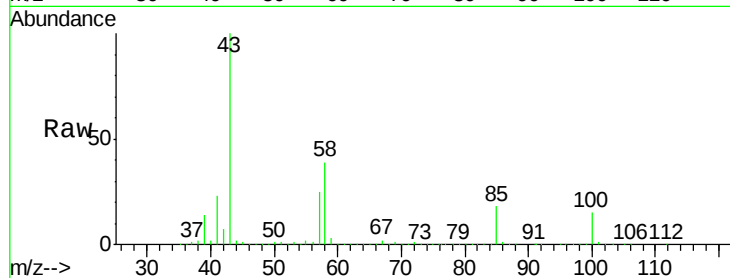
VSTDIC150

Tot Ion: 43 Resp: 3761842

Ion Ratio Lower Upper

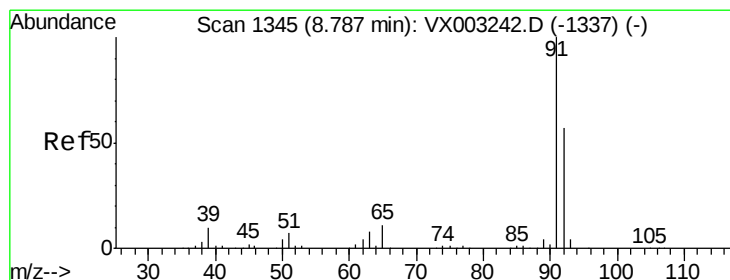
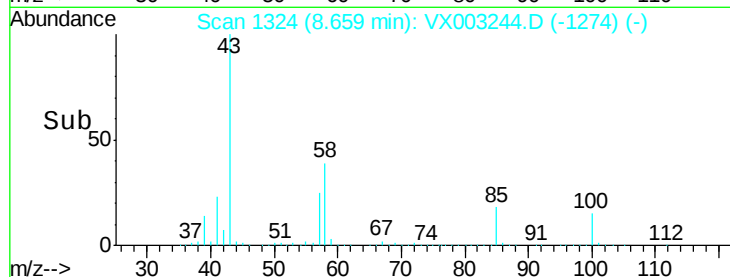
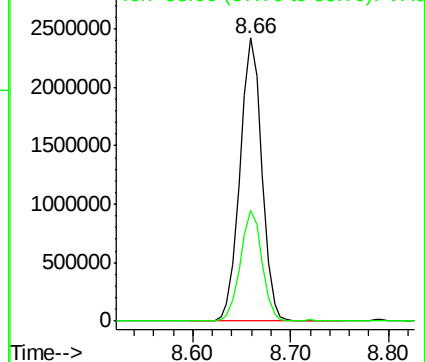
43 100

58 38.5 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 191.09 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003244.D

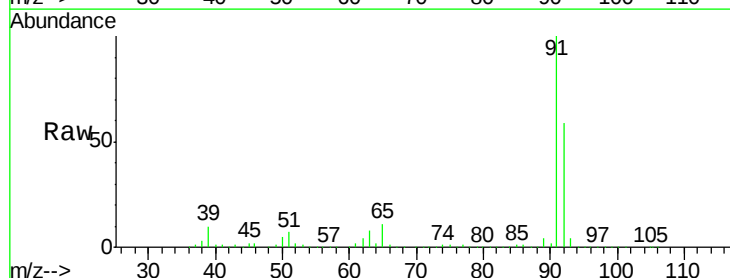
Acq: 09 Jul 2018 13:36

Tgt Ion: 92 Resp: 1284695

Ion Ratio Lower Upper

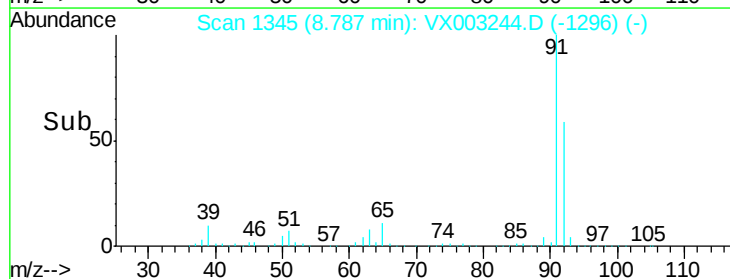
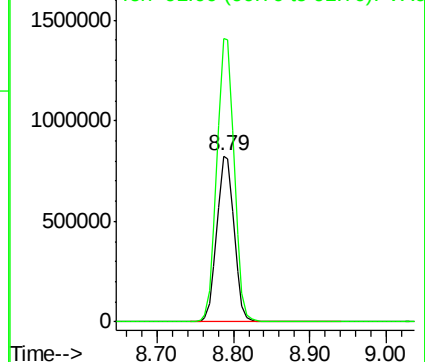
92 100

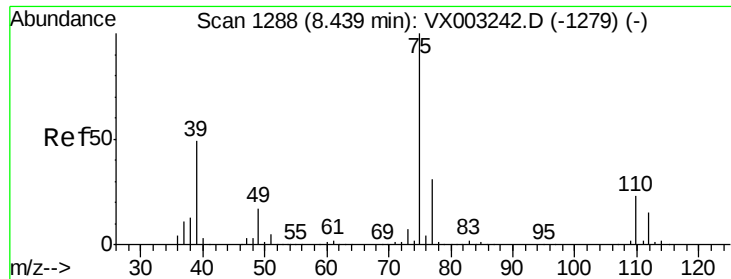
91 172.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 205.15 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

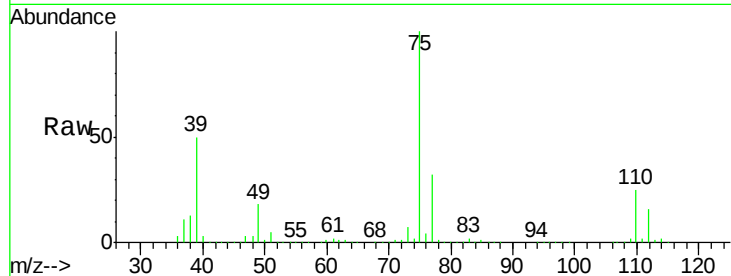
VSTDIC150

Tot Ion: 75 Resp: 829809

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

600000

500000

400000

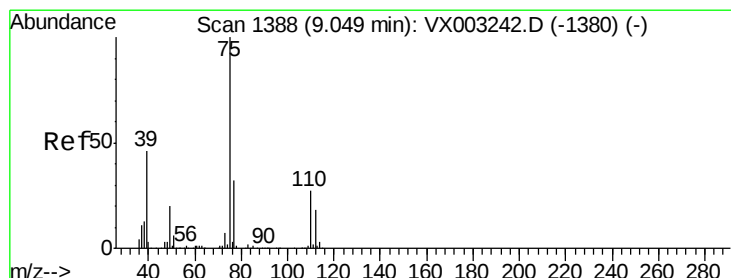
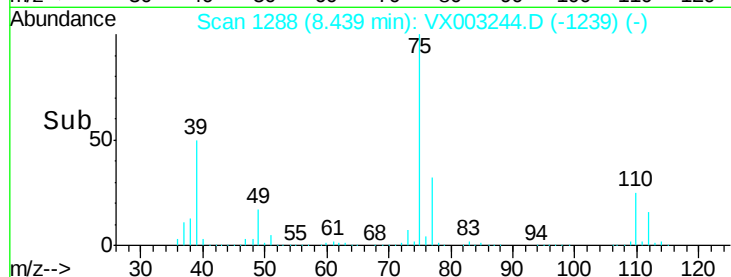
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 202.83 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

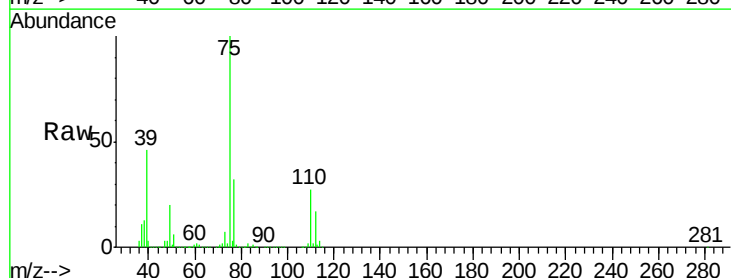
Tgt Ion: 75 Resp: 789398

Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

39 45.9 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

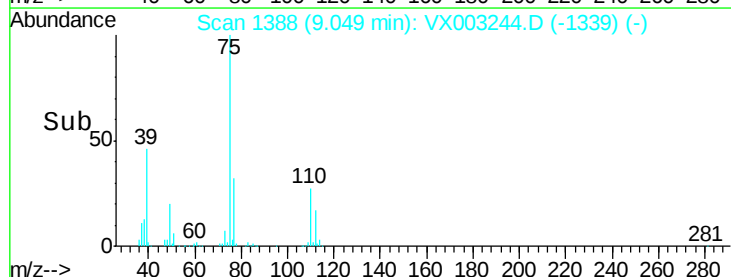
600000

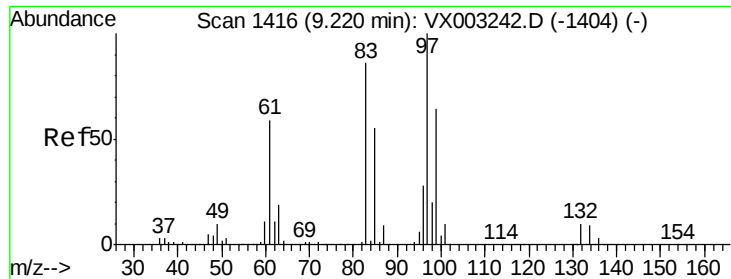
400000

200000

0

Time-->



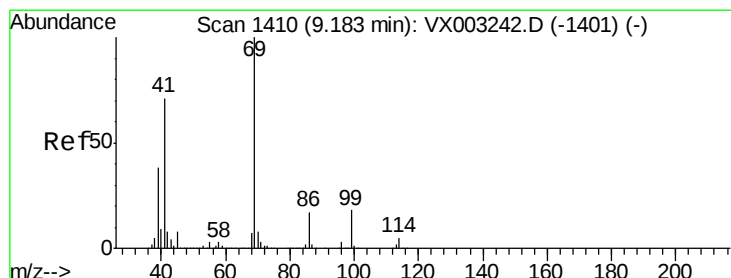
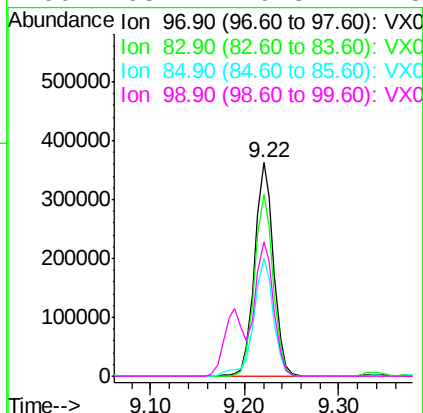
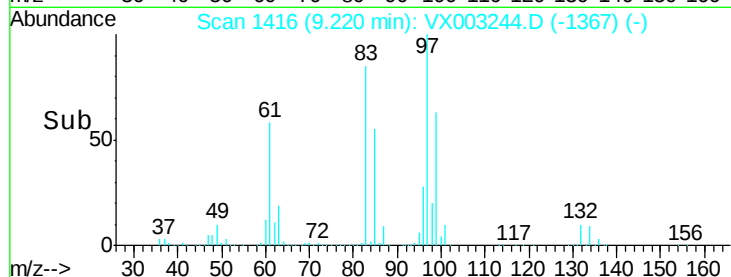
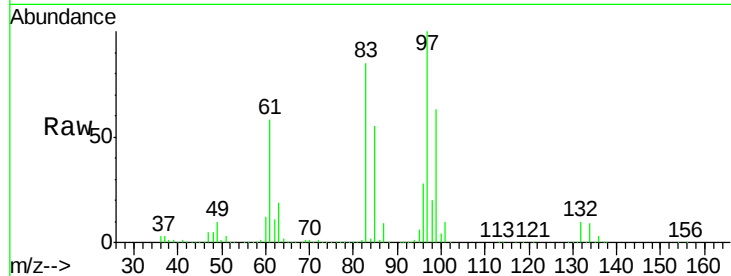


#55
 1,1,2-Trichloroethane
 Concen: 187.36 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003244.D
 Acq: 09 Jul 2018 13:36

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion: 97 Resp: 517608

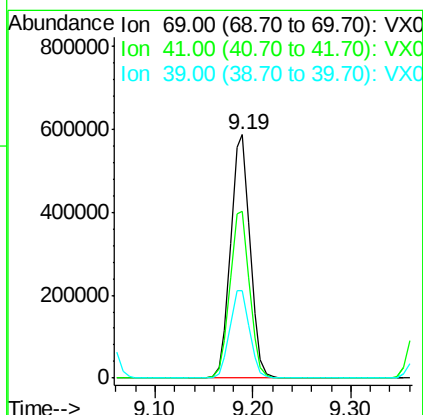
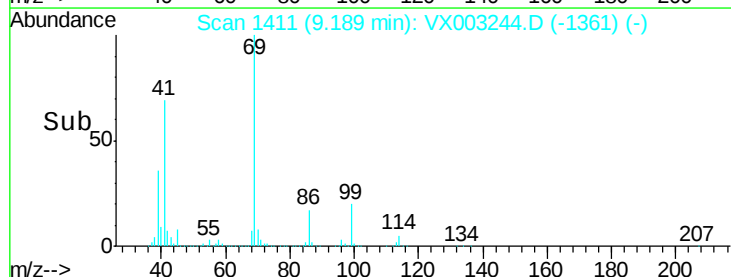
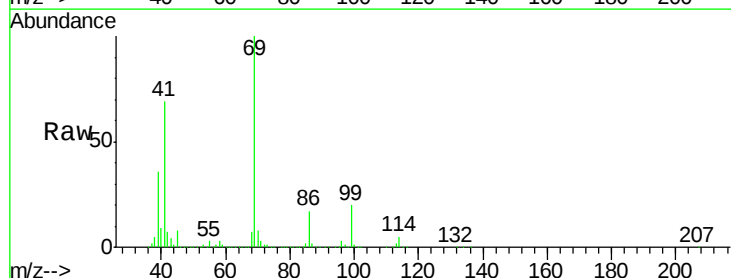
Ion	Ratio	Lower	Upper
97	100		
83	85.3	70.2	105.2
85	55.1	44.9	67.3
99	63.2	49.8	74.8

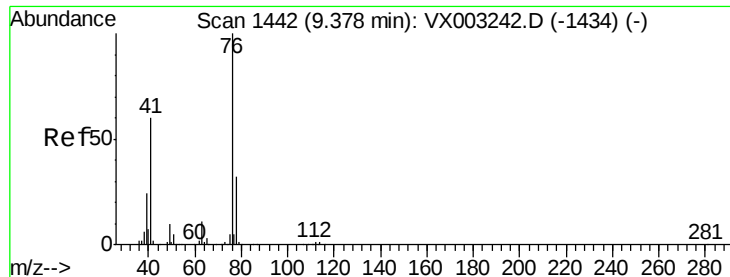


#56
 Ethyl methacrylate
 Concen: 200.28 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003244.D
 Acq: 09 Jul 2018 13:36

Tgt Ion: 69 Resp: 808636

Ion	Ratio	Lower	Upper
69	100		
41	69.4	60.3	90.5
39	36.9	35.8	53.8

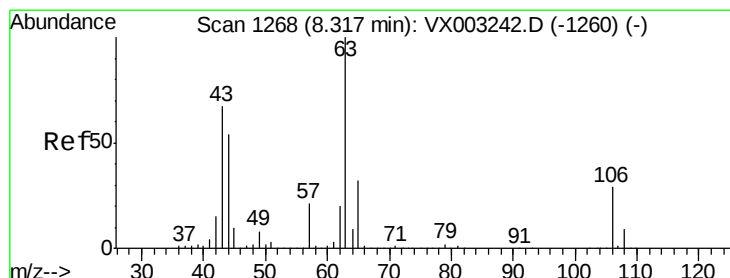
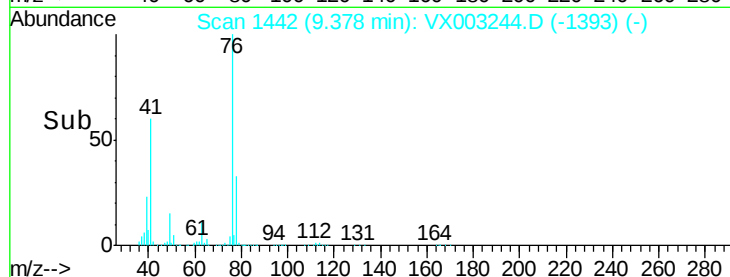
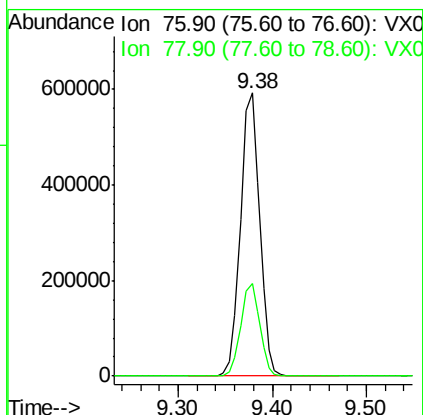
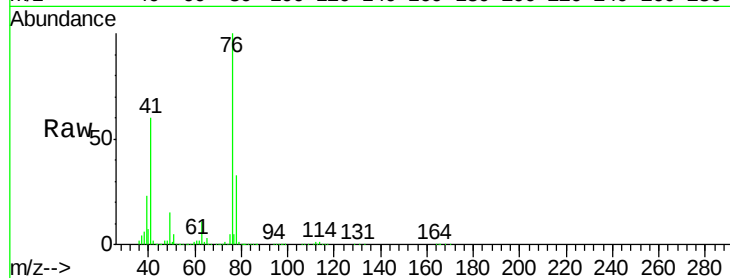




#57
 1,3-Dichloropropane
 Concen: 185.72 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX003244.D
 Acq: 09 Jul 2018 13:36

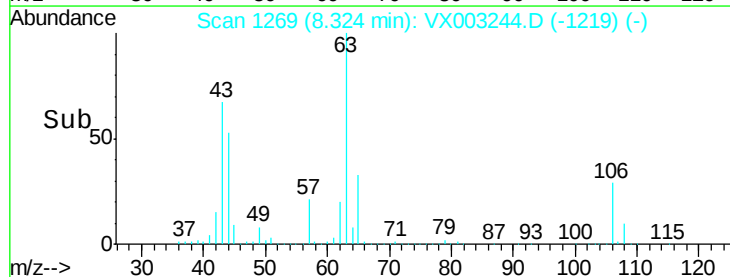
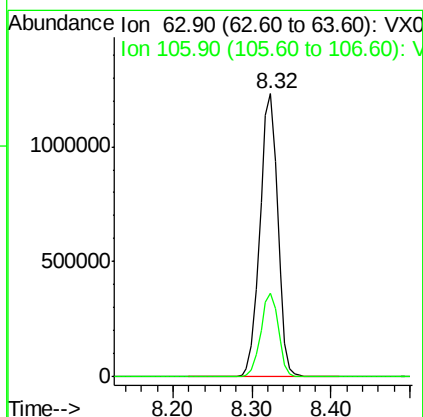
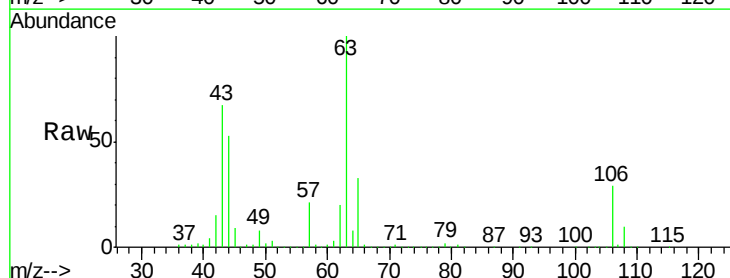
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

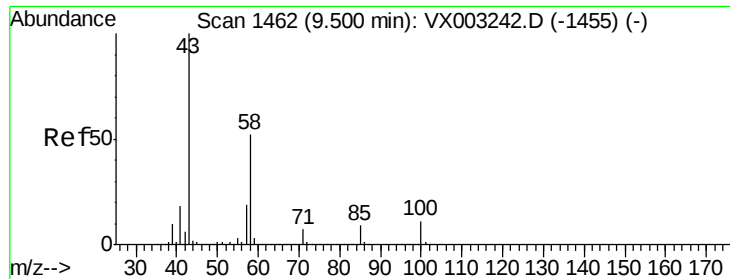
Tot Ion: 76 Resp: 842685
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 990.01 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX003244.D
 Acq: 09 Jul 2018 13:36

Tgt Ion: 63 Resp: 1928390
 Ion Ratio Lower Upper
 63 100
 106 29.3 21.8 32.8

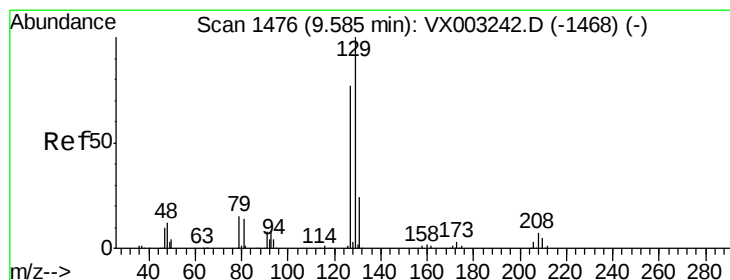
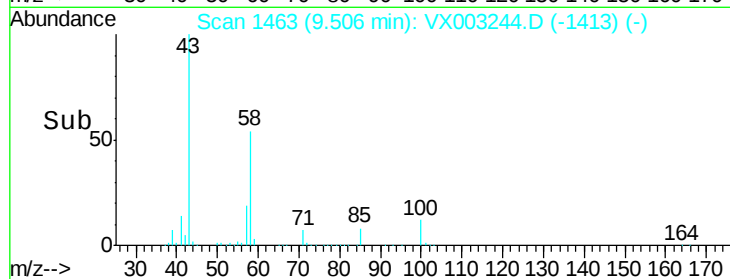
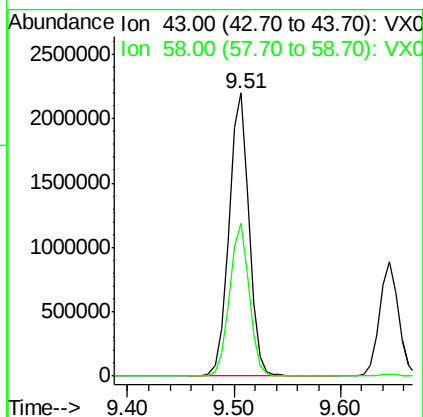
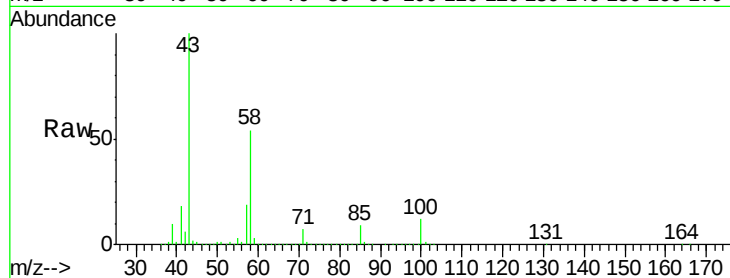




#59
2-Hexanone
Concen: 932.64 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX003244.D
Acq: 09 Jul 2018 13:36

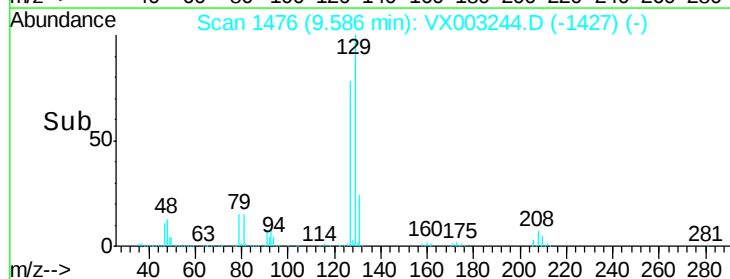
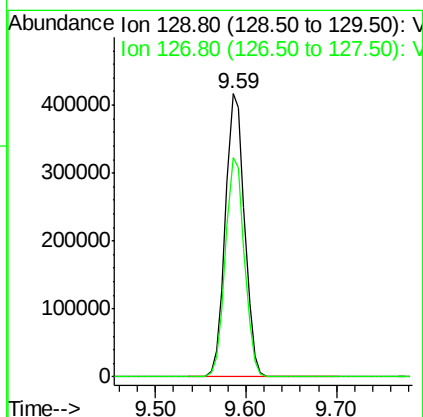
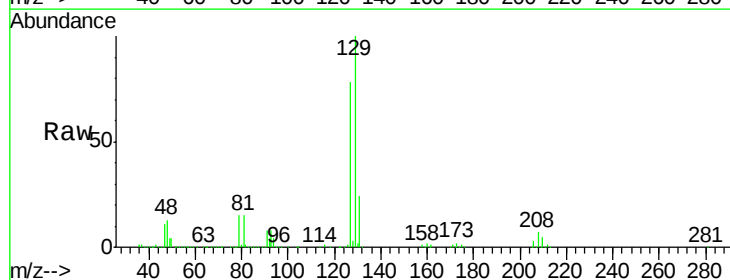
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

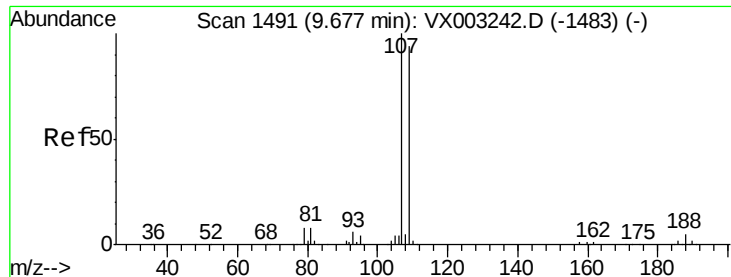
Tot Ion: 43 Resp: 2892398
Ion Ratio Lower Upper
43 100
58 53.2 24.6 73.6



#60
Dibromochloromethane
Concen: 210.63 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003244.D
Acq: 09 Jul 2018 13:36

Tgt Ion: 129 Resp: 612542
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 194.35 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

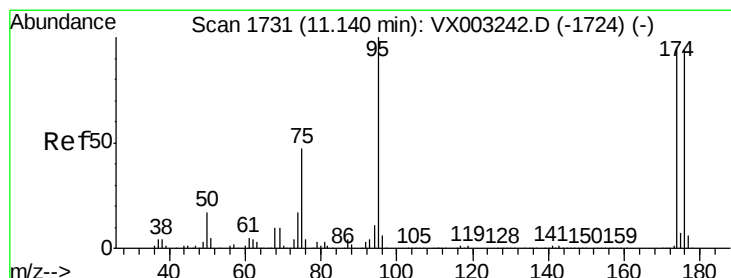
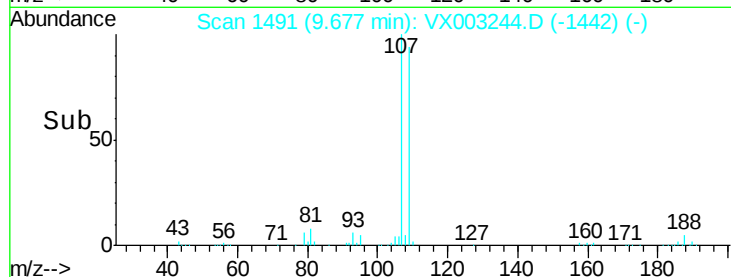
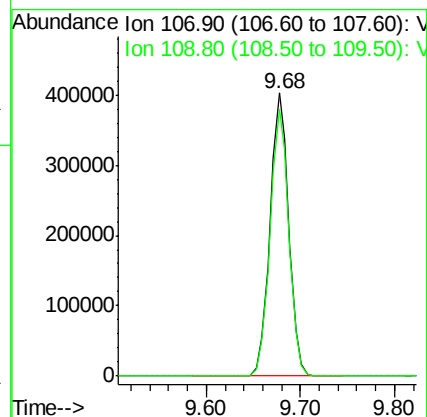
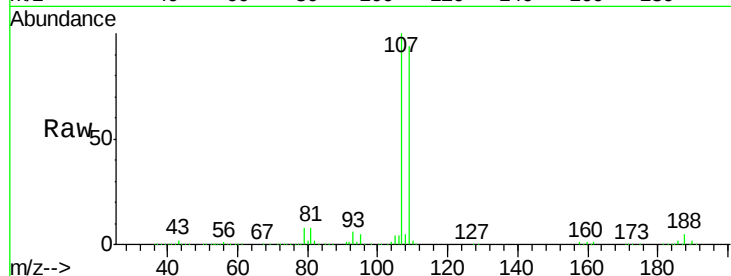
VSTDIC150

Tot Ion:107 Resp: 563164

Ion Ratio Lower Upper

107 100

109 95.0 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 197.08 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

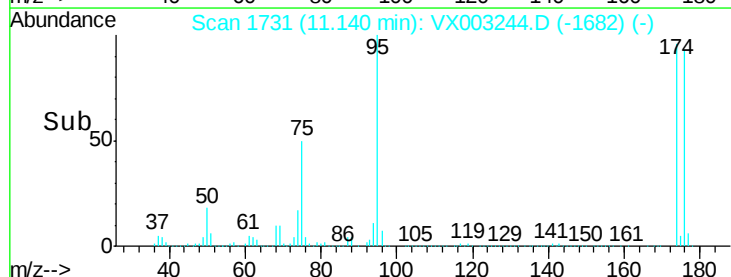
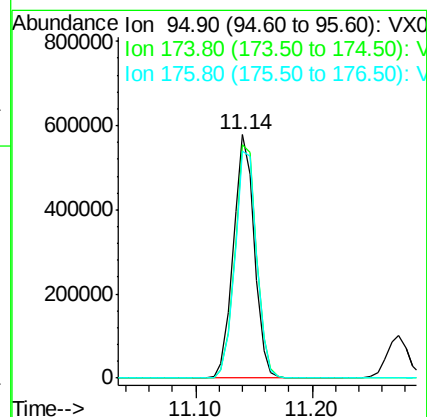
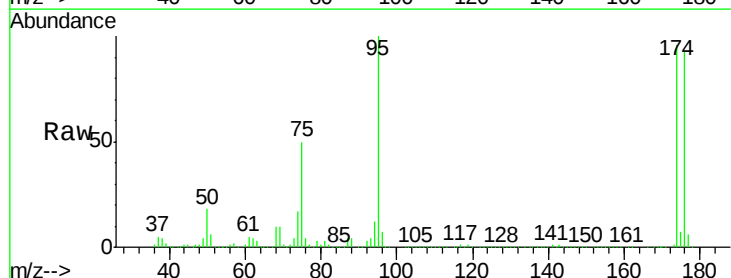
Tgt Ion: 95 Resp: 723933

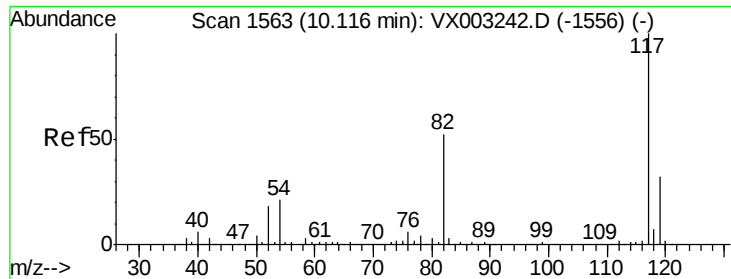
Ion Ratio Lower Upper

95 100

174 99.6 0.0 187.4

176 97.4 0.0 181.0

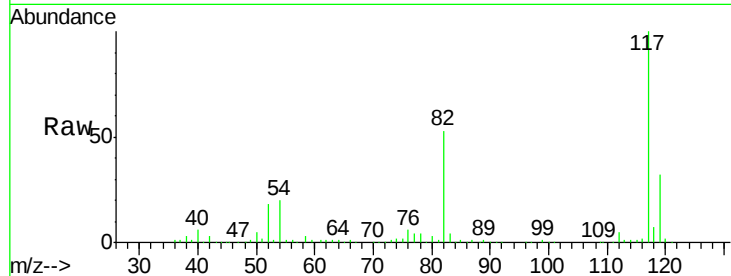




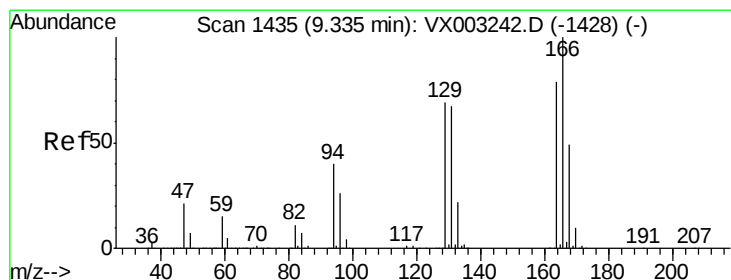
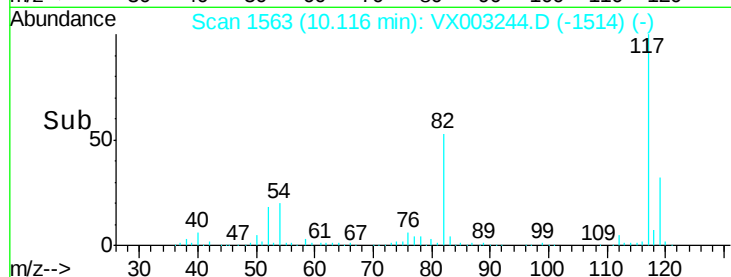
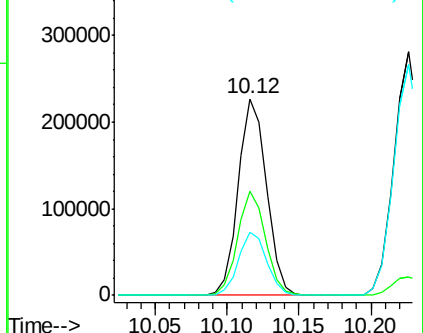
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003244.D
Acq: 09 Jul 2018 13:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:117 Resp: 310351
Ion Ratio Lower Upper
117 100
82 52.6 45.0 67.4
119 32.2 25.8 38.6

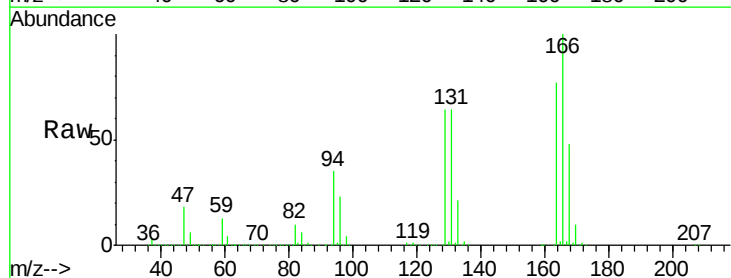


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

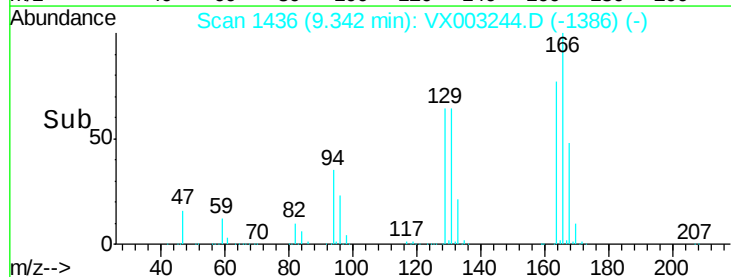
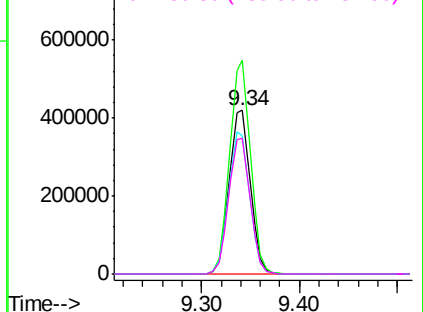


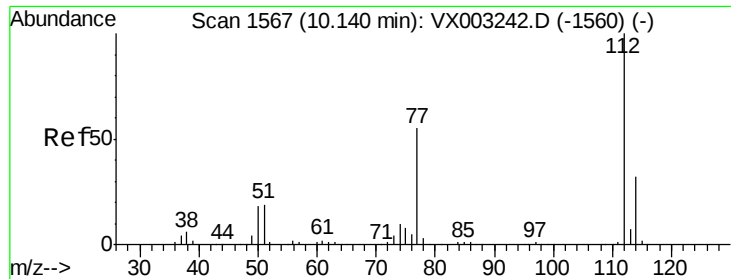
#64
Tetrachloroethene
Concen: 182.50 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003244.D
Acq: 09 Jul 2018 13:36

Tgt Ion:164 Resp: 629808
Ion Ratio Lower Upper
164 100
166 130.5 102.9 154.3
129 84.1 68.6 102.8
131 83.0 66.8 100.2



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





#65

Chlorobenzene

Concen: 190.18 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

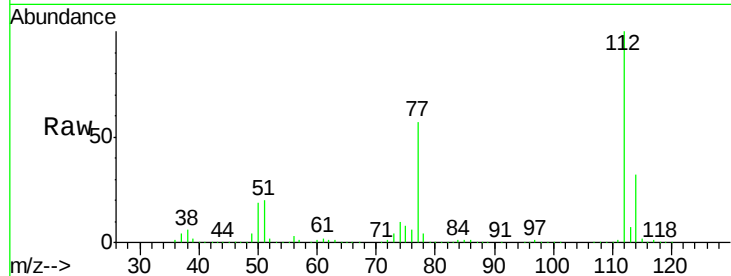
VSTDIC150

Tot Ion:112 Resp: 1499158

Ion Ratio Lower Upper

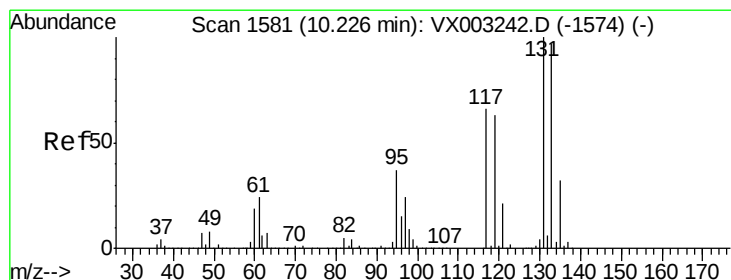
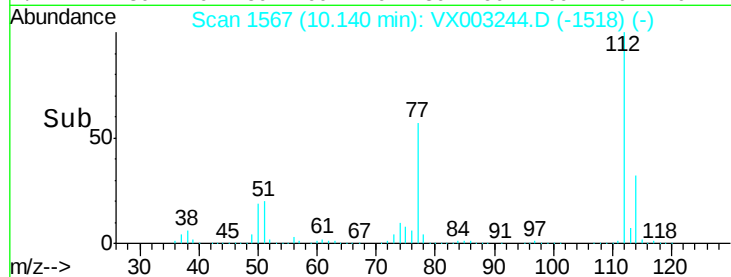
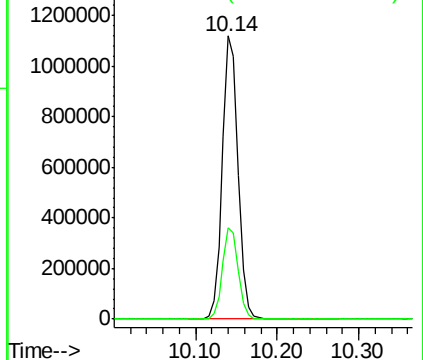
112 100

114 32.1 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 203.14 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

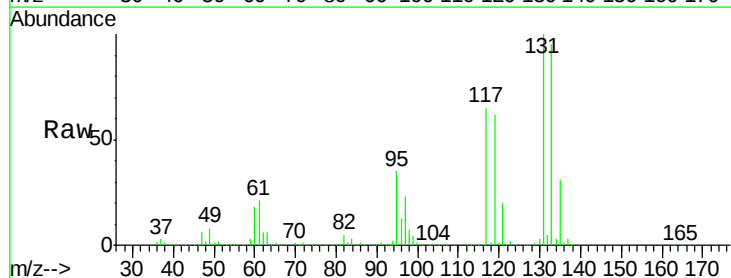
Tgt Ion:131 Resp: 581711

Ion Ratio Lower Upper

131 100

133 95.4 47.9 143.6

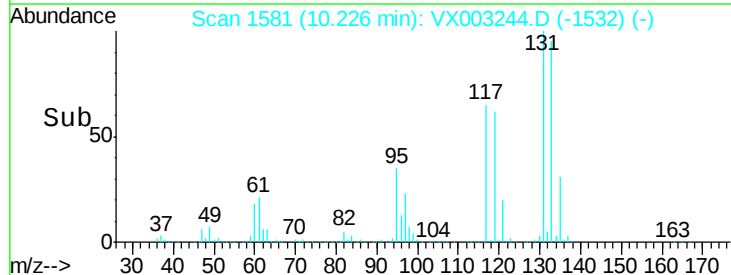
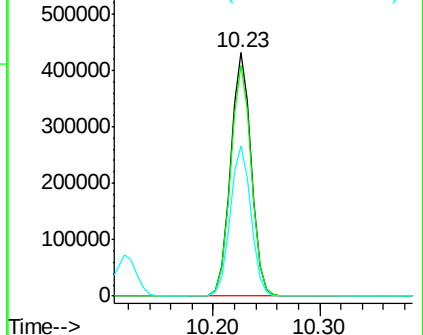
119 62.7 31.8 95.3

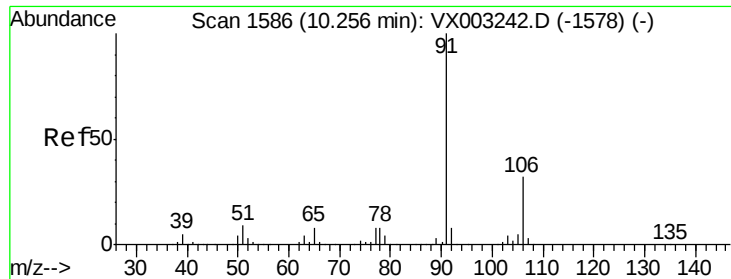


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 195.12 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

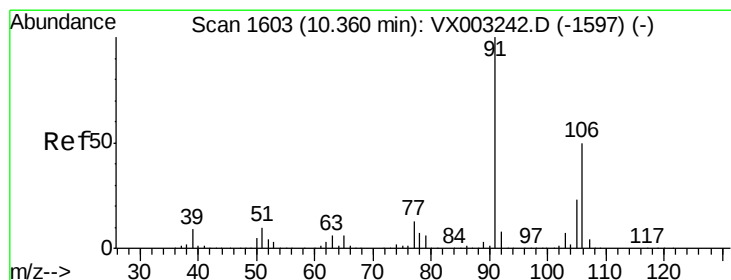
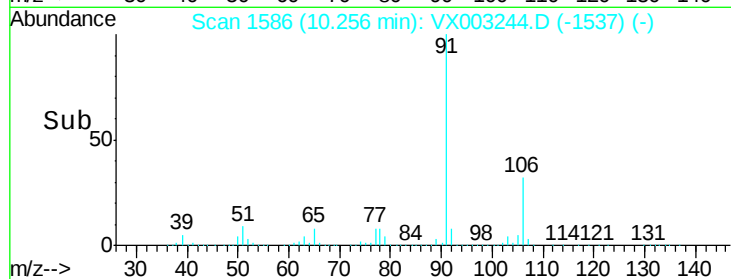
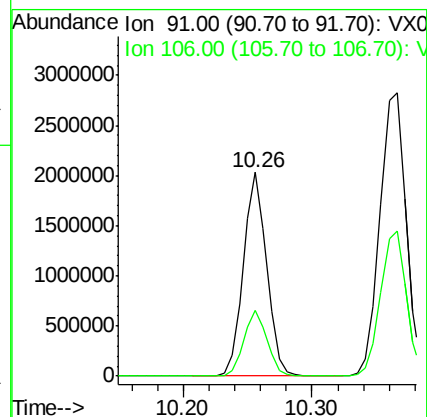
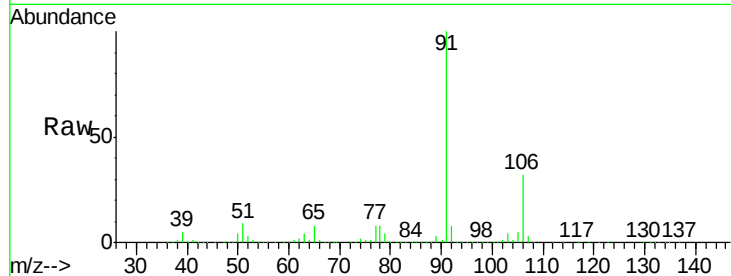
VSTDIC150

Tot Ion: 91 Resp: 2540797

Ion Ratio Lower Upper

91 100

106 32.1 25.5 38.3



#68

m/p-Xylenes

Concen: 398.66 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX003244.D

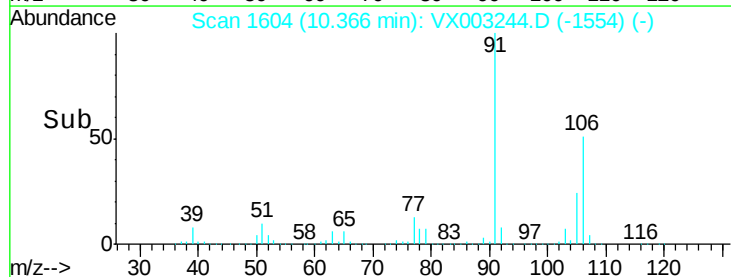
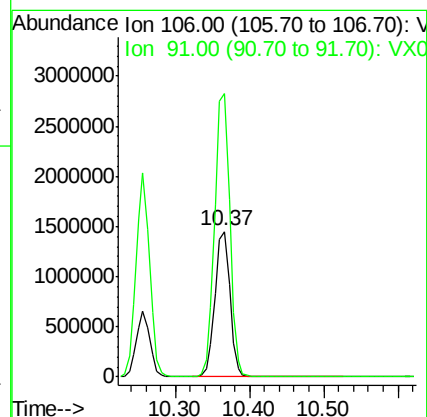
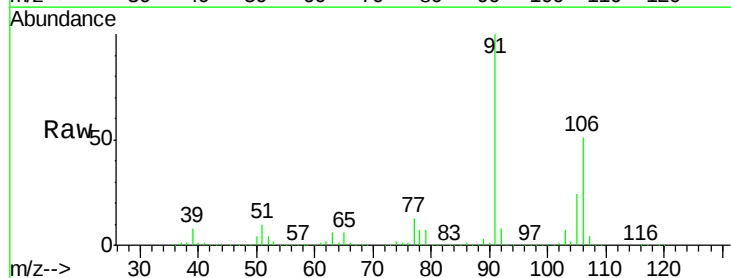
Acq: 09 Jul 2018 13:36

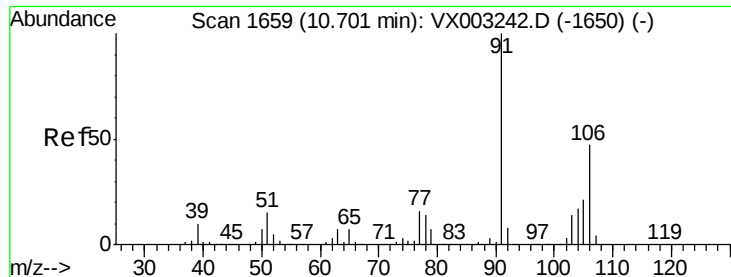
Tgt Ion: 106 Resp: 2000764

Ion Ratio Lower Upper

106 100

91 197.8 163.4 245.2

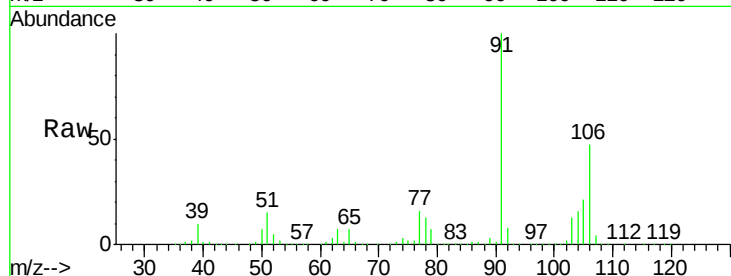




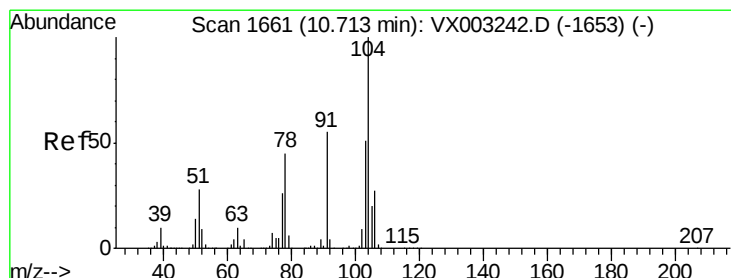
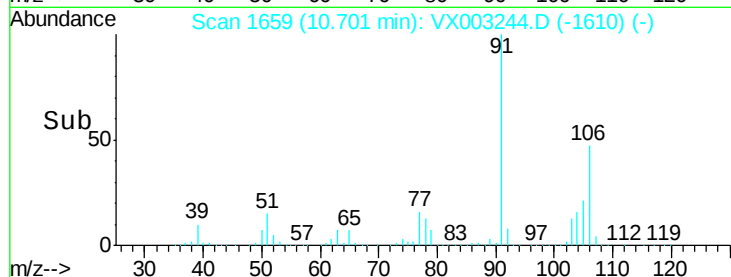
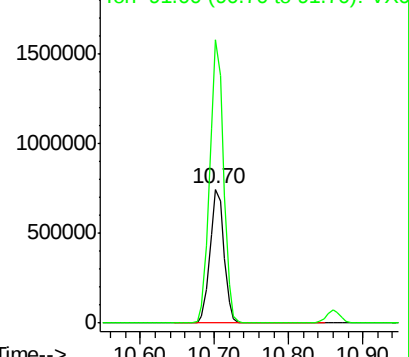
#69
o-Xylene
Concen: 199.52 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003244.D
Acq: 09 Jul 2018 13:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 975004
Ion Ratio Lower Upper
106 100
91 209.5 108.2 324.6

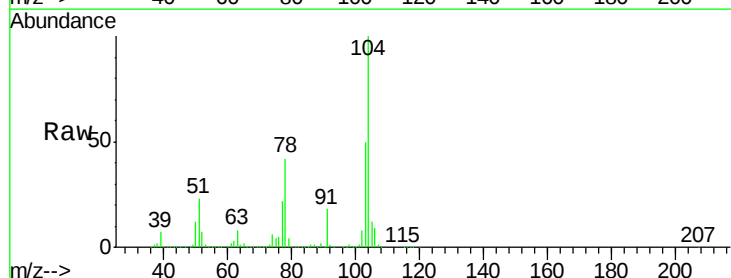


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

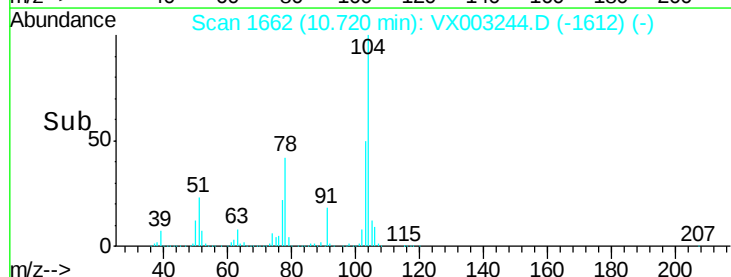
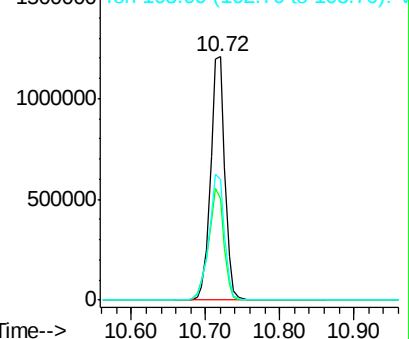


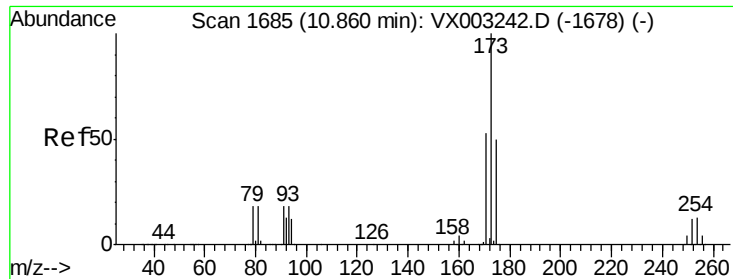
#70
Styrene
Concen: 203.37 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX003244.D
Acq: 09 Jul 2018 13:36

Tgt Ion:104 Resp: 1614856
Ion Ratio Lower Upper
104 100
78 49.1 41.0 61.6
103 55.7 44.2 66.4



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





#71

Bromoform

Concen: 235.03 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

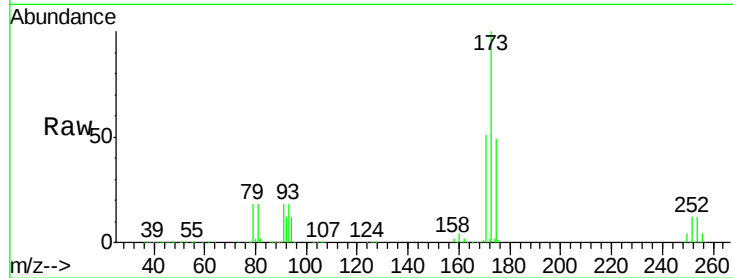
Tot Ion:173 Resp: 528956

Ion Ratio Lower Upper

173 100

175 49.1 24.7 74.1

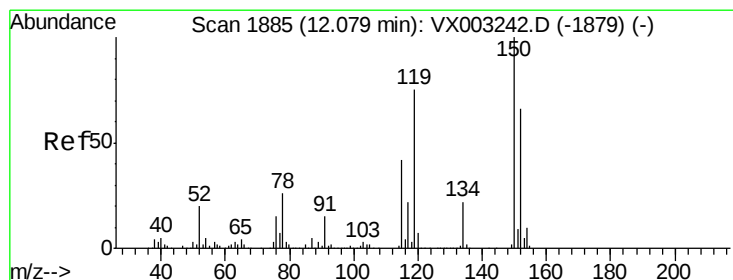
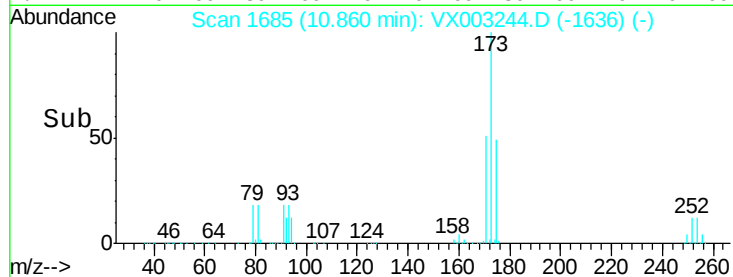
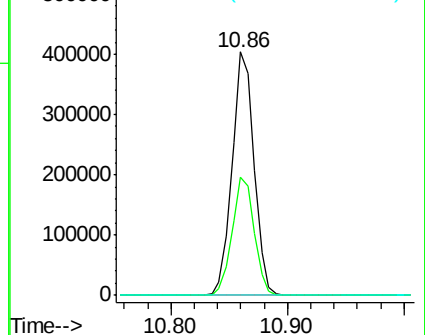
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

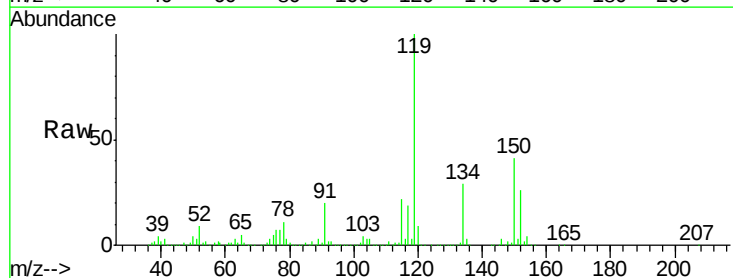
Tgt Ion:152 Resp: 228023

Ion Ratio Lower Upper

152 100

115 134.6 40.1 120.2#

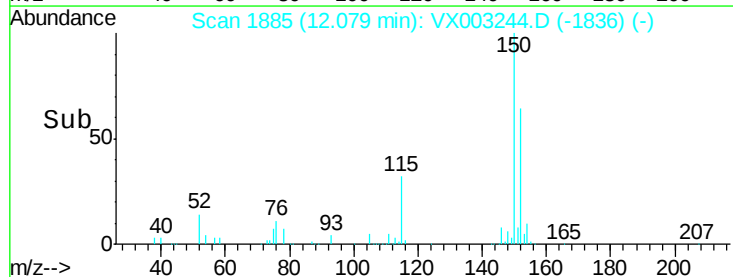
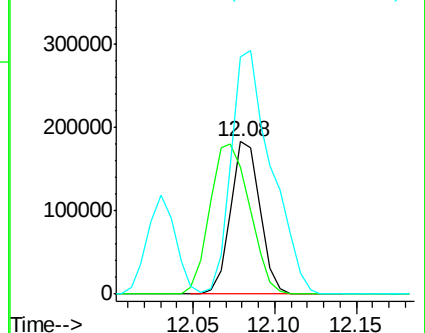
150 219.7 0.0 347.2

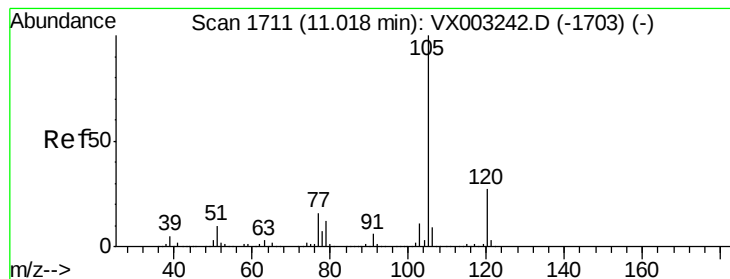


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 171.02 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.01 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

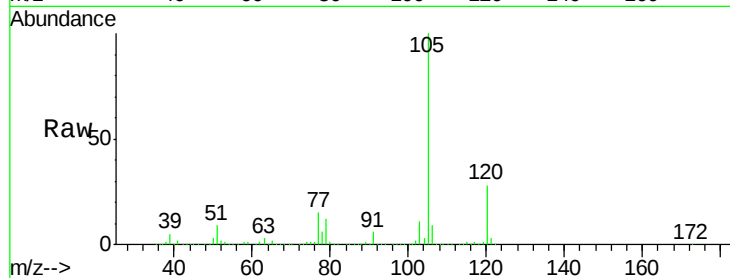
VSTDIC150

Tot Ion:105 Resp: 2623425

Ion Ratio Lower Upper

105 100

120 27.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

2000000

1500000

1000000

500000

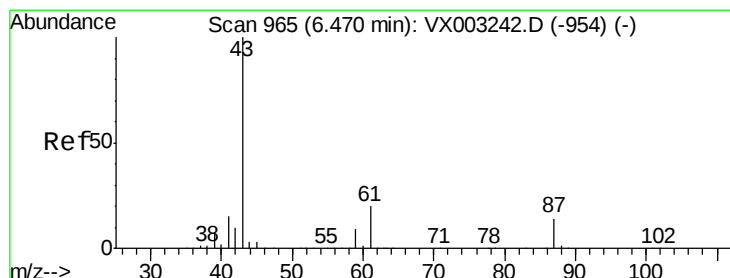
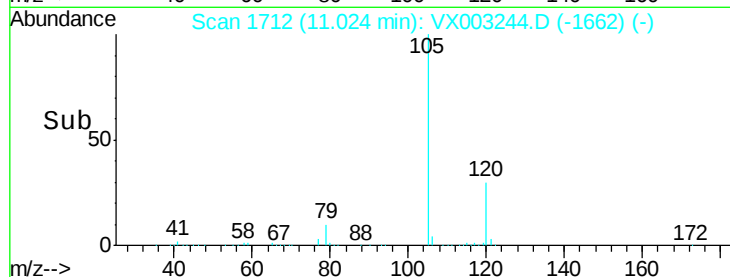
0

Time-->

10.90

11.00

11.10



#74

N-ethyl acetate

Concen: 159.30 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Tgt Ion: 43 Resp: 1195597

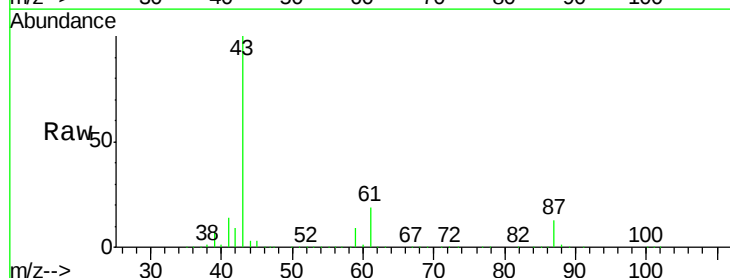
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 19.3 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6.48

600000

400000

200000

0

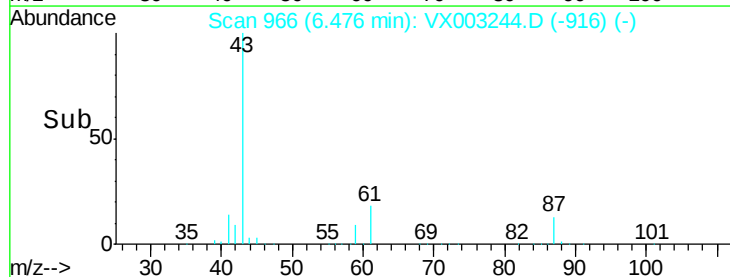
Time-->

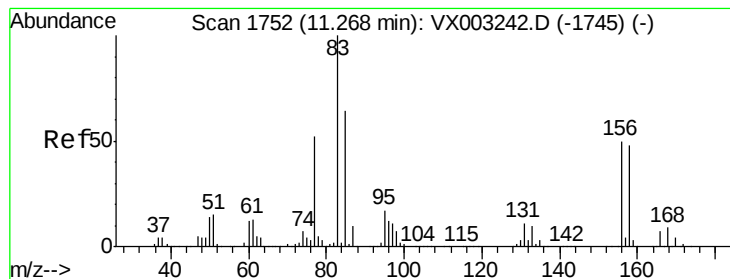
6.30

6.40

6.50

6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 167.75 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

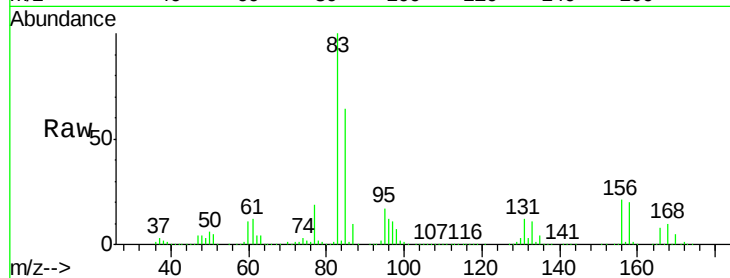
Tot Ion: 83 Resp: 792685

Ion Ratio Lower Upper

83 100

131 11.4 5.6 16.8

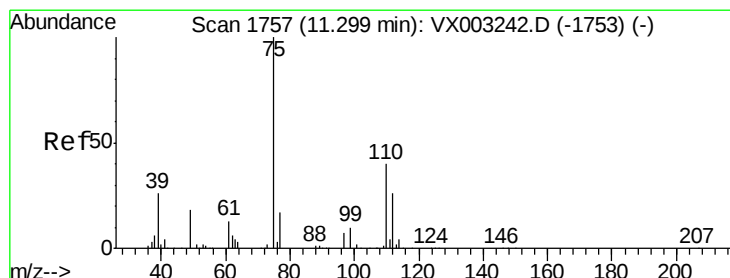
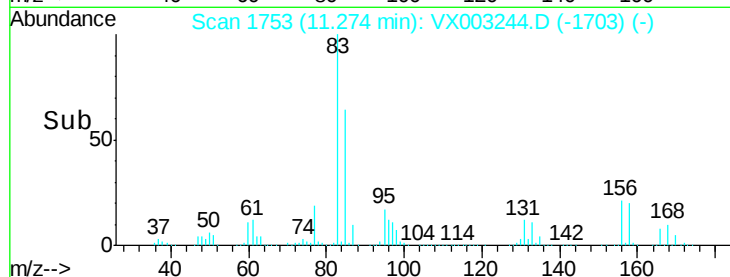
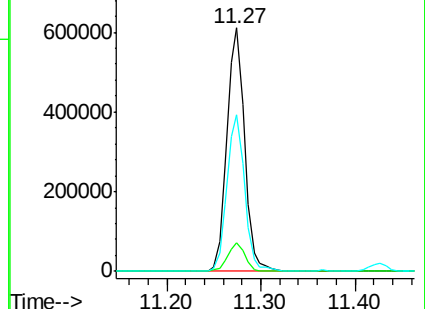
85 64.7 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 231.09 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VX003244.D

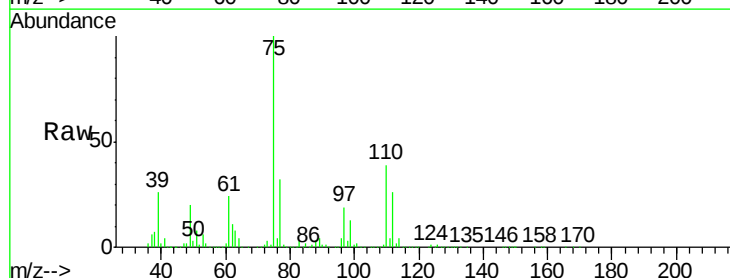
Acq: 09 Jul 2018 13:36

Tgt Ion: 75 Resp: 954487

Ion Ratio Lower Upper

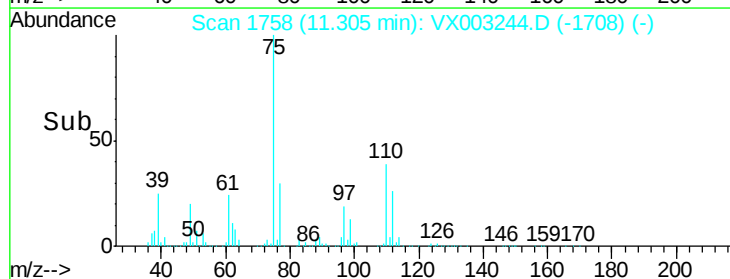
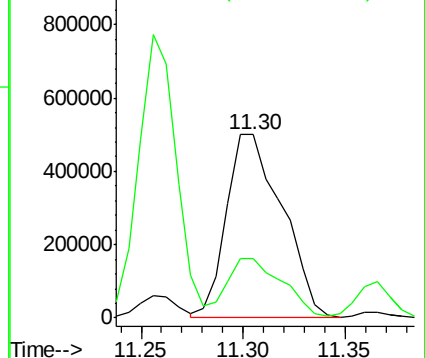
75 100

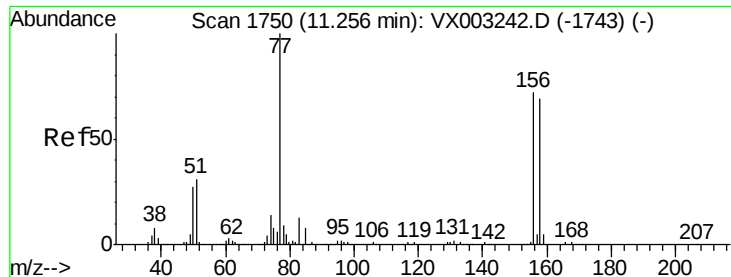
77 32.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 172.48 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

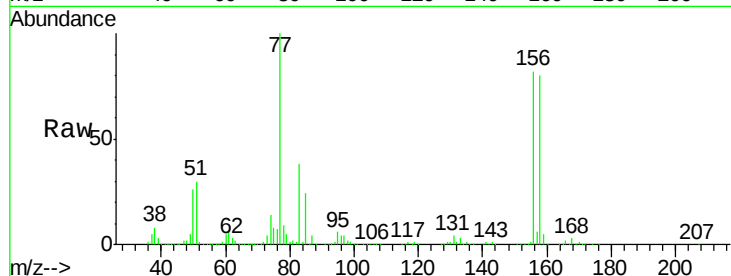
Tot Ion:156 Resp: 753462

Ion Ratio Lower Upper

156 100

77 131.3 71.4 214.2

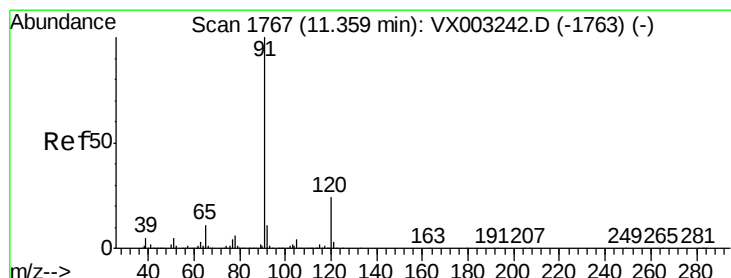
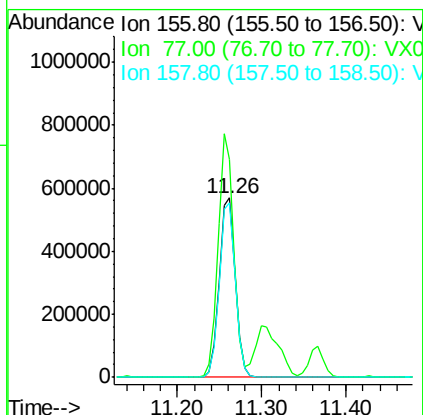
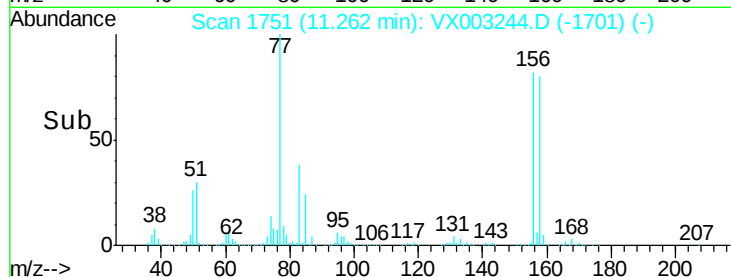
158 97.6 48.9 146.6



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: 169.61 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VX003244.D

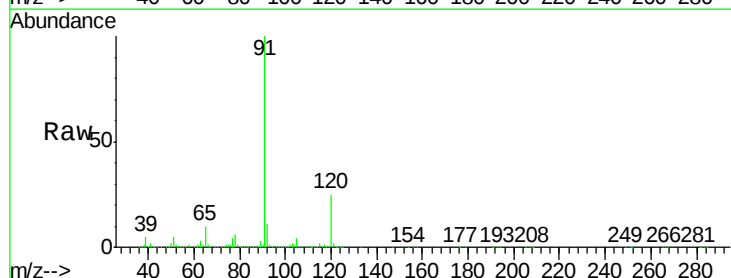
Acq: 09 Jul 2018 13:36

Tgt Ion: 91 Resp: 2961591

Ion Ratio Lower Upper

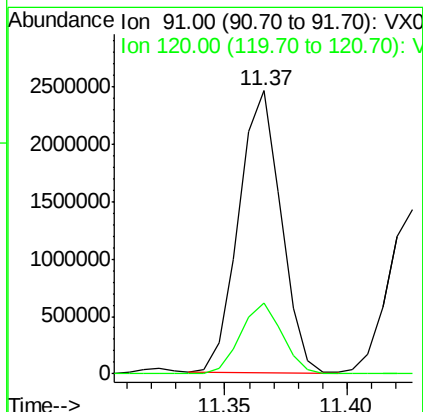
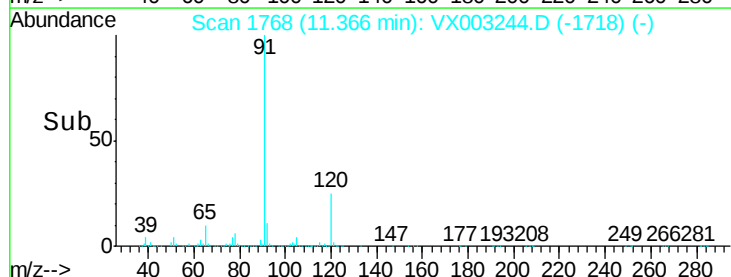
91 100

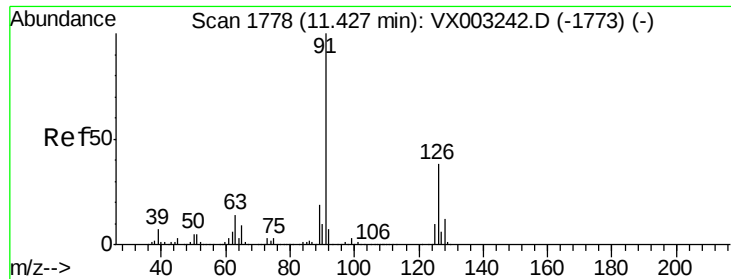
120 24.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 166.77 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampled :

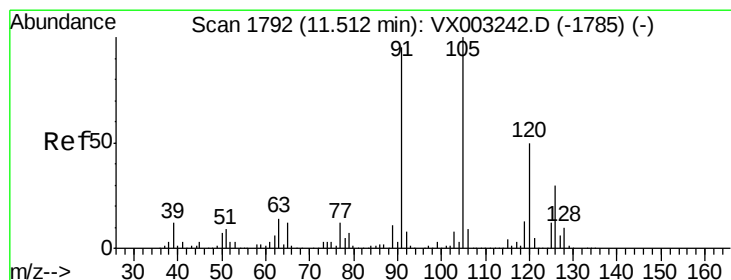
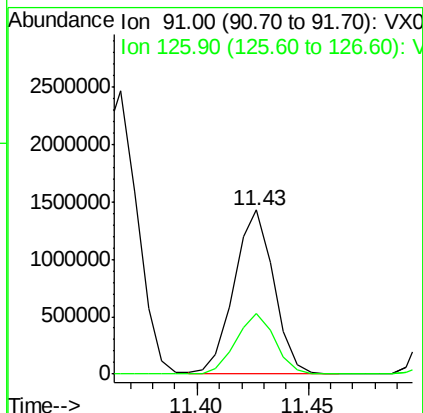
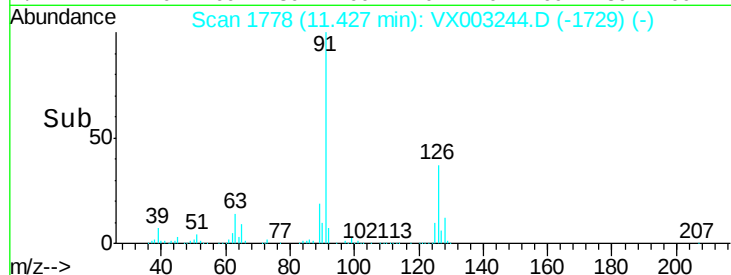
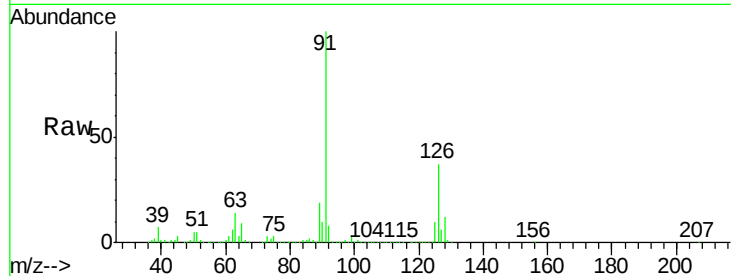
VSTDIC150

Tot Ion: 91 Resp: 1762935

Ion Ratio Lower Upper

91 100

126 36.7 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 172.88 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003244.D

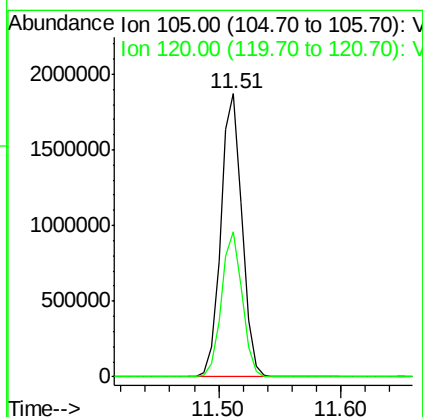
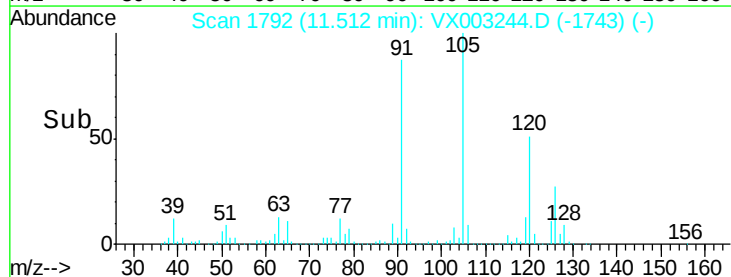
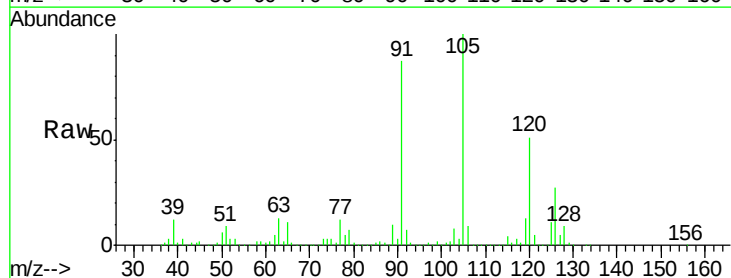
Acq: 09 Jul 2018 13:36

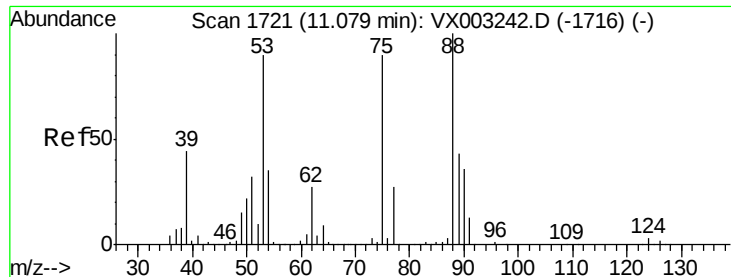
Tgt Ion:105 Resp: 2233563

Ion Ratio Lower Upper

105 100

120 50.2 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 210.89 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

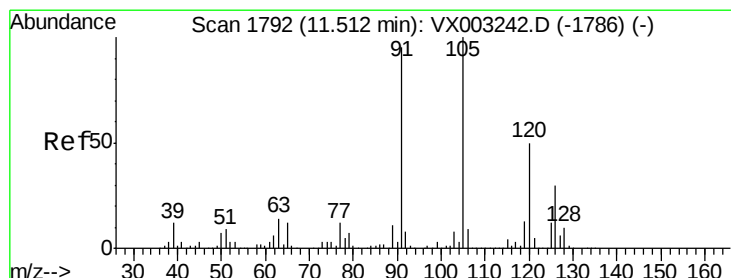
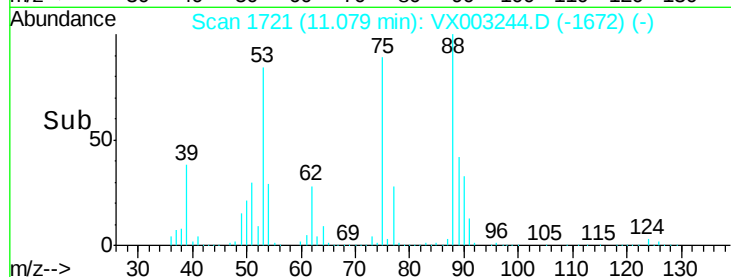
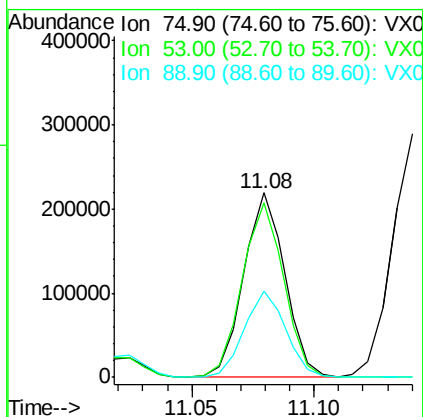
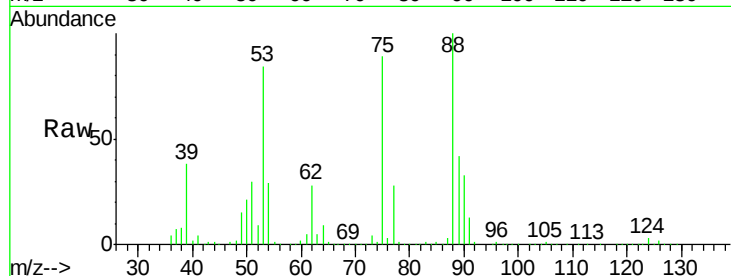
Tot Ion: 75 Resp: 256802

Ion Ratio Lower Upper

75 100

53 95.7 86.8 130.2

89 47.4 38.2 57.2



#82

4-Chlorotoluene

Concen: 167.55 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003244.D

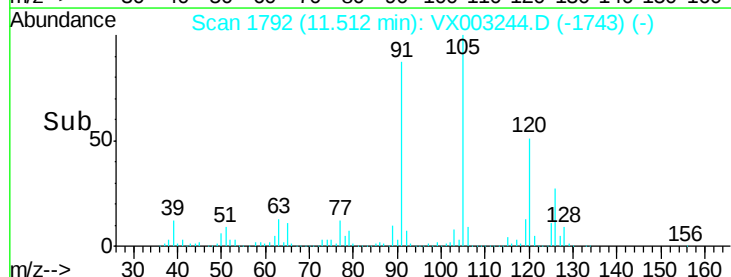
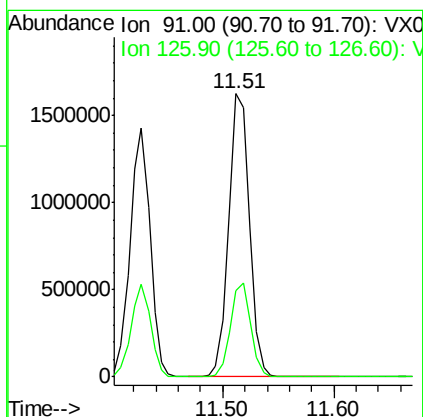
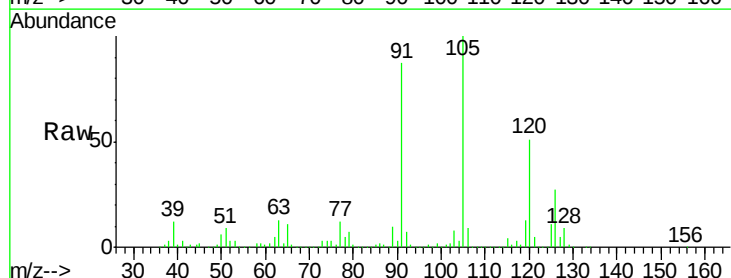
Acq: 09 Jul 2018 13:36

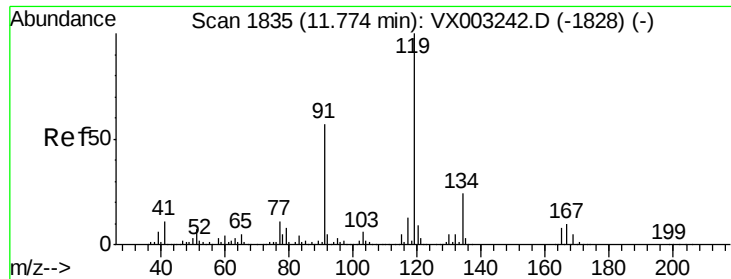
Tgt Ion: 91 Resp: 2096899

Ion Ratio Lower Upper

91 100

126 32.2 15.4 46.4

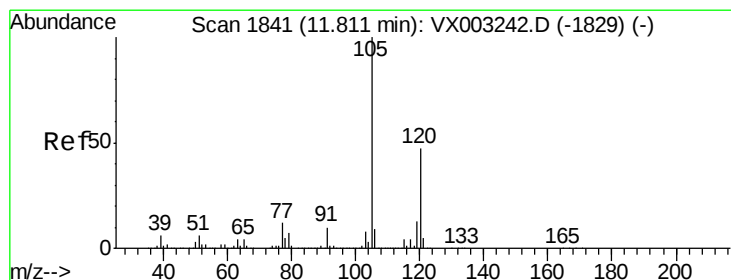
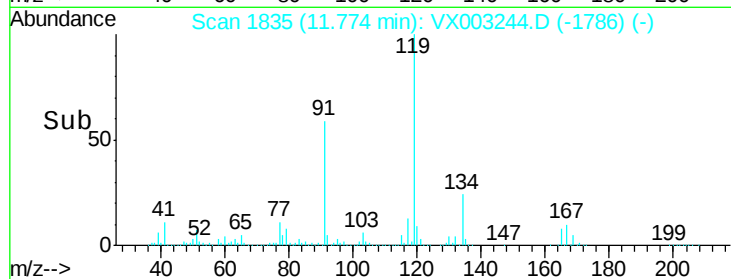
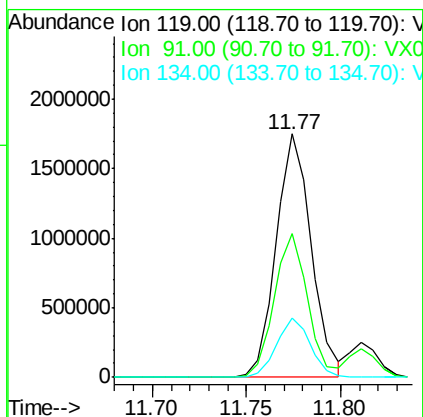
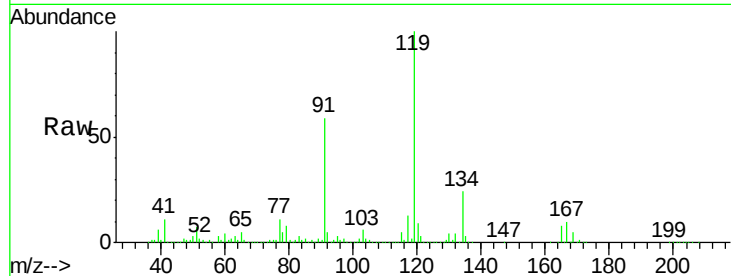




#83
 tert-Butylbenzene
 Concen: 177.45 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003244.D
 Acq: 09 Jul 2018 13:36

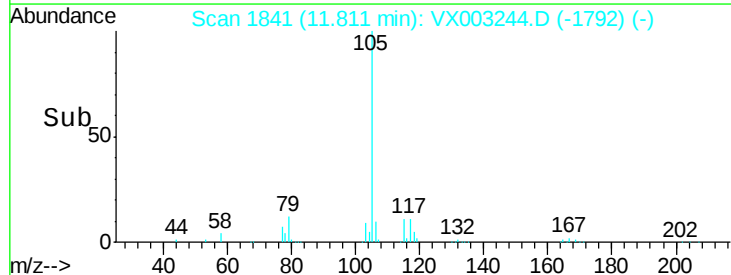
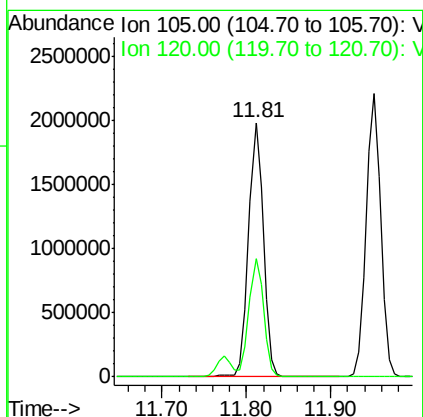
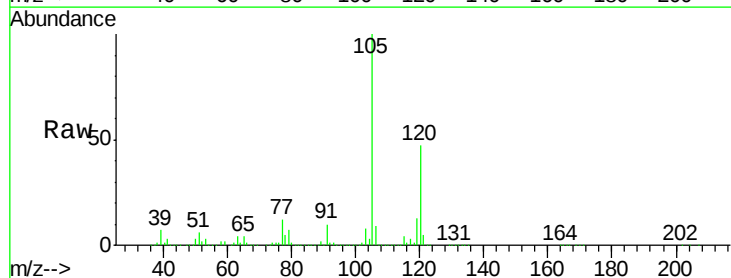
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

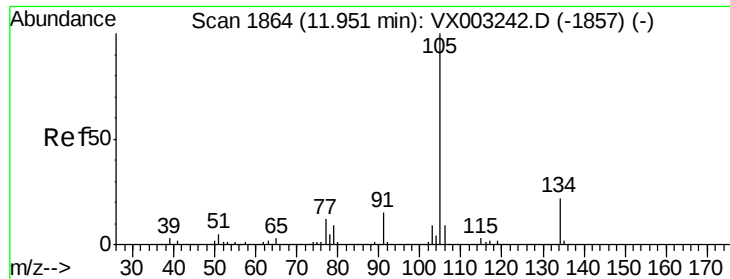
Tot Ion:119 Resp: 2259457
 Ion Ratio Lower Upper
 119 100
 91 56.4 30.3 90.9
 134 23.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 171.58 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003244.D
 Acq: 09 Jul 2018 13:36

Tgt Ion:105 Resp: 2296767
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.3 66.8





#85

sec-Butylbenzene

Concen: 172.67 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

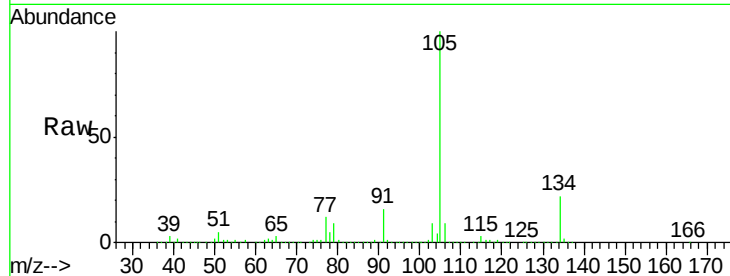
VSTDIC150

Tot Ion:105 Resp: 2667186

Ion Ratio Lower Upper

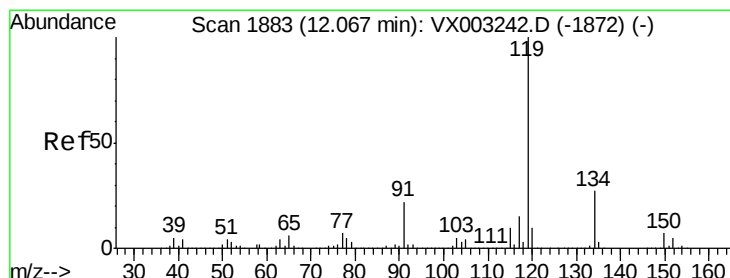
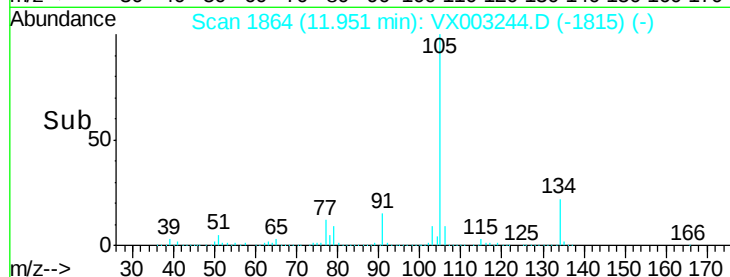
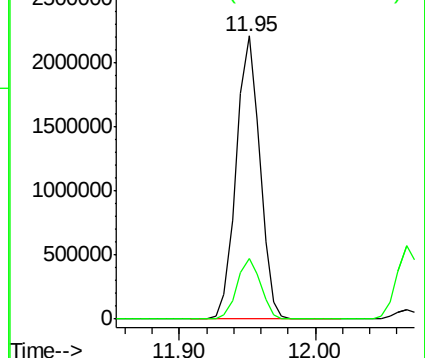
105 100

134 21.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 176.67 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

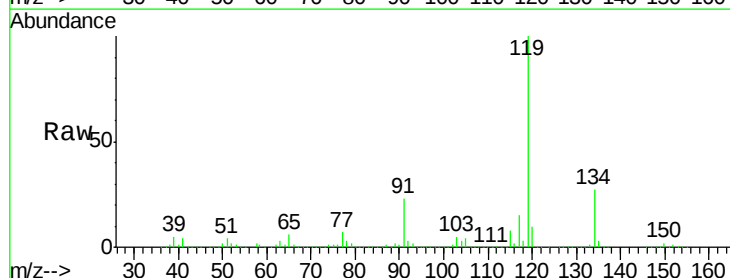
Tgt Ion:119 Resp: 2453515

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

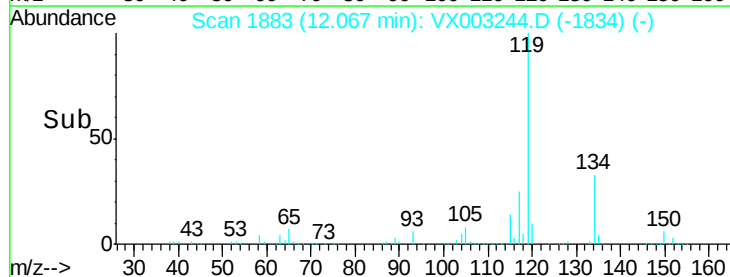
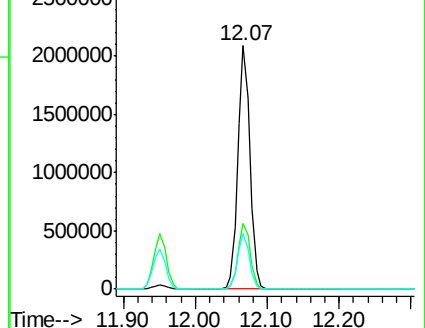
91 22.4 11.9 35.7

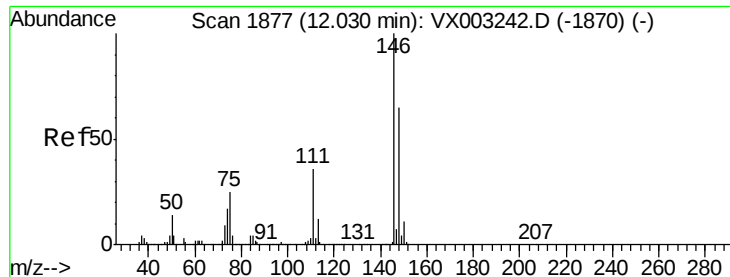


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

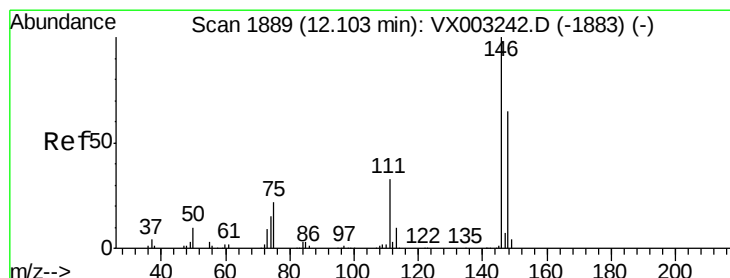
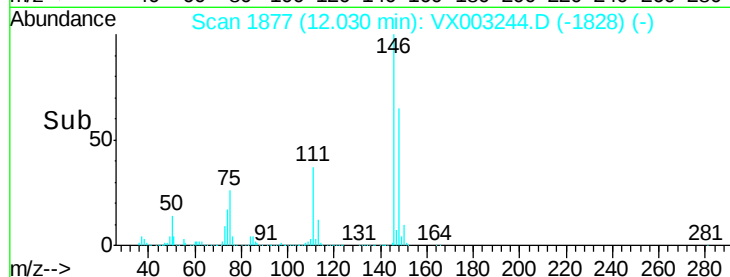
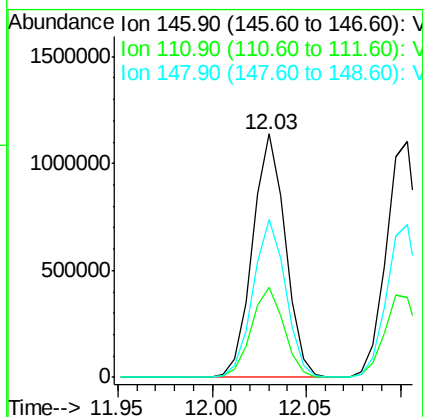
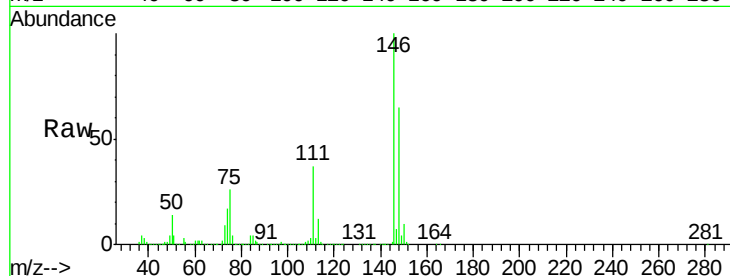




#87
 1,3-Dichlorobenzene
 Concen: 172.23 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003244.D
 Acq: 09 Jul 2018 13:36

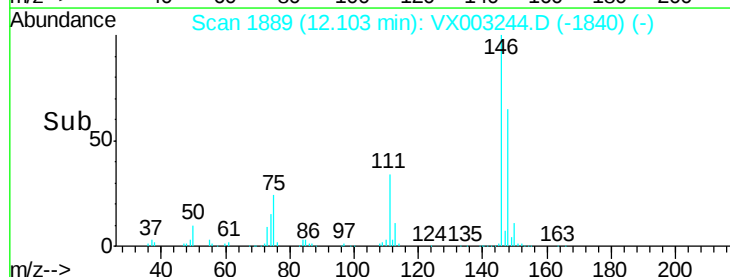
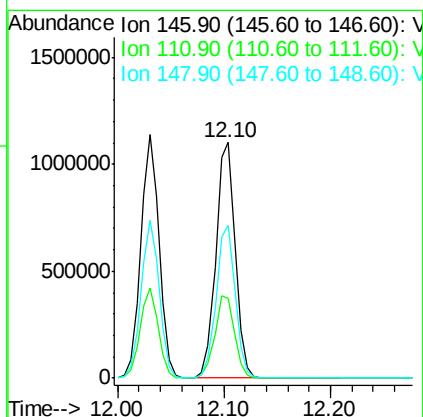
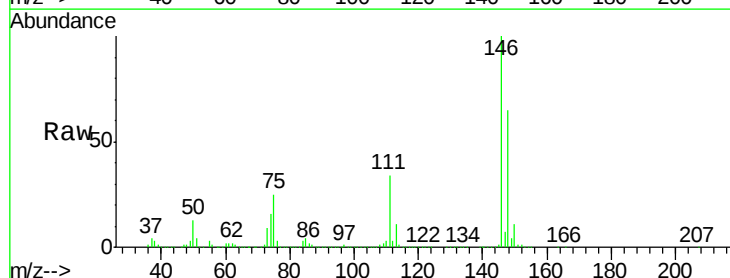
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

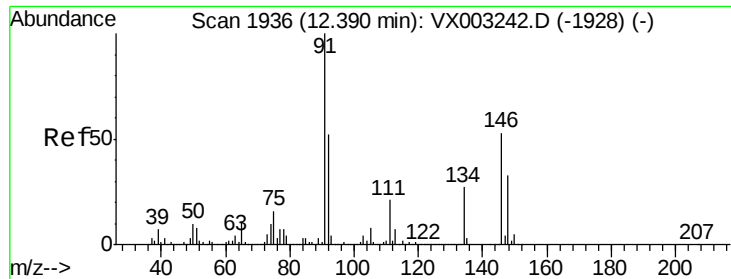
Tot Ion:146 Resp: 1374104
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.9 56.7
 148 64.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 168.14 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003244.D
 Acq: 09 Jul 2018 13:36

Tgt Ion:146 Resp: 1380495
 Ion Ratio Lower Upper
 146 100
 111 35.3 18.7 56.1
 148 64.5 32.4 97.0

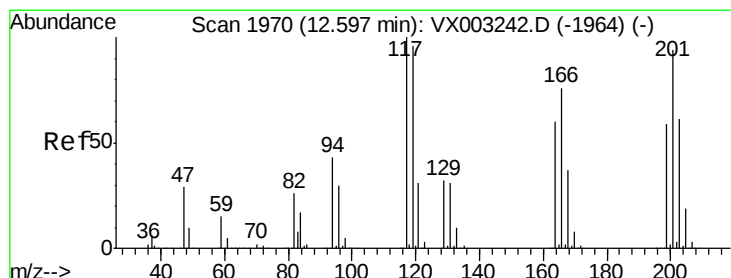
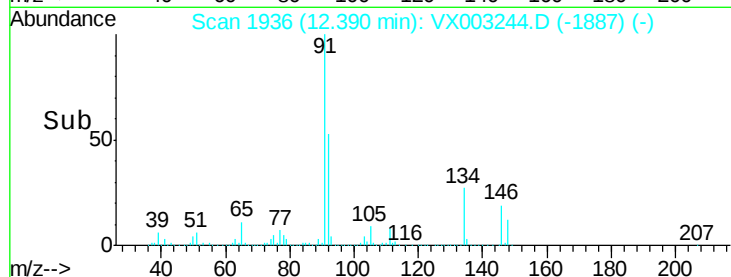
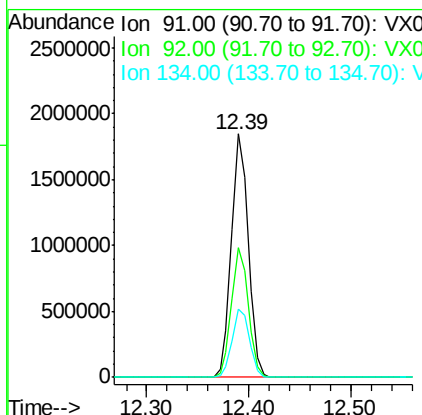
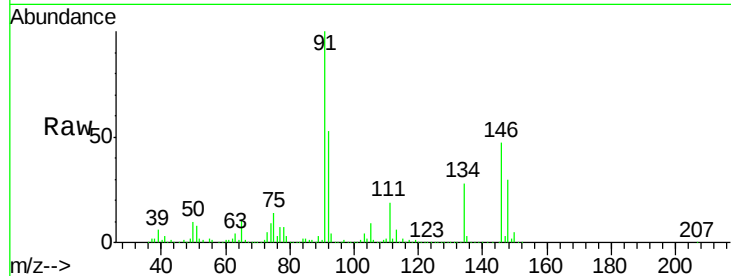




#89
n-Butylbenzene
Concen: 173.64 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003244.D
Acq: 09 Jul 2018 13:36

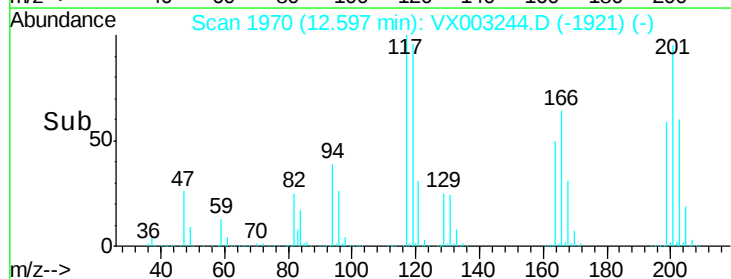
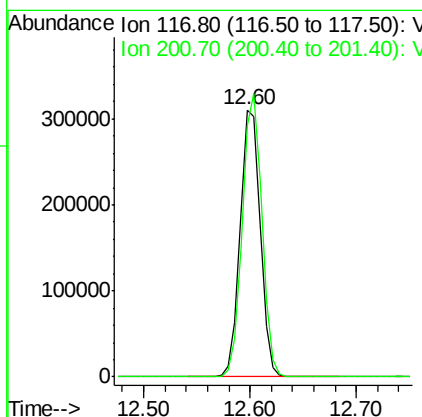
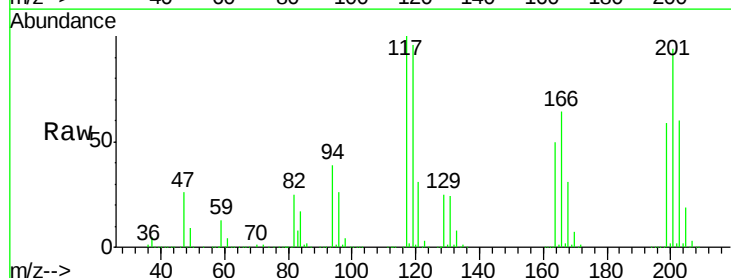
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

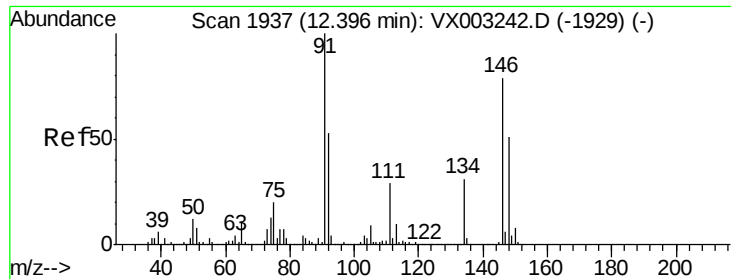
Tot Ion: 91 Resp: 2098878
Ion Ratio Lower Upper
91 100
92 53.1 26.0 78.0
134 28.7 13.5 40.5



#90
Hexachloroethane
Concen: 199.92 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003244.D
Acq: 09 Jul 2018 13:36

Tgt Ion: 117 Resp: 412955
Ion Ratio Lower Upper
117 100
201 103.2 49.0 147.0

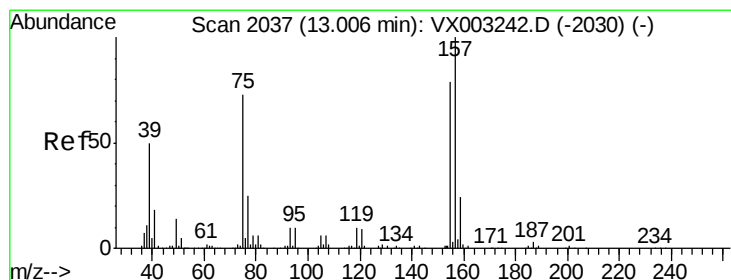
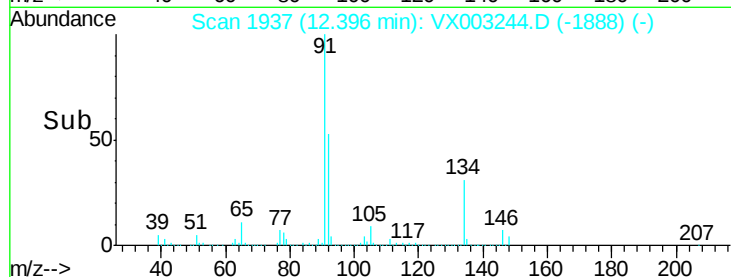
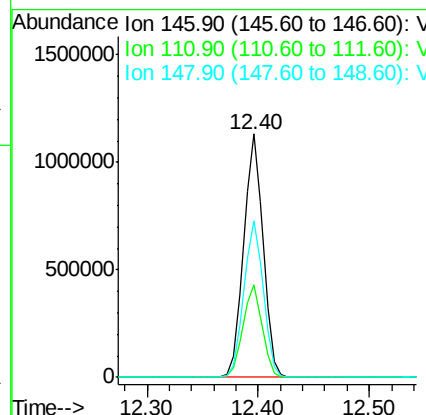
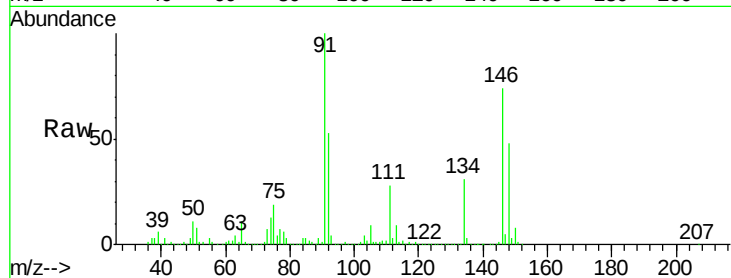




#91
 1,2-Dichlorobenzene
 Concen: 169.29 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003244.D
 Acq: 09 Jul 2018 13:36

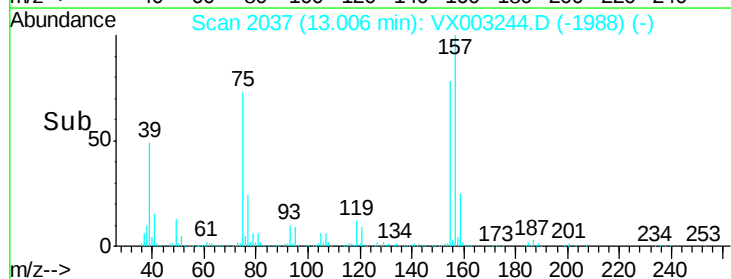
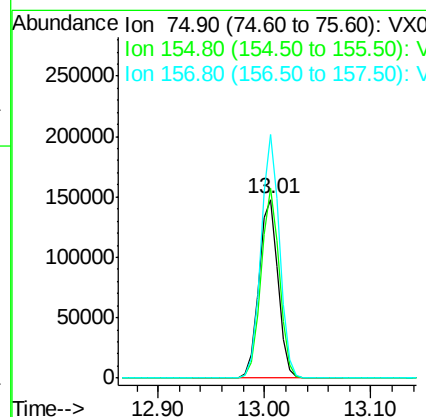
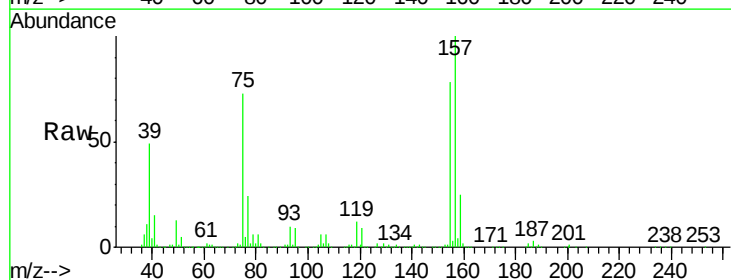
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

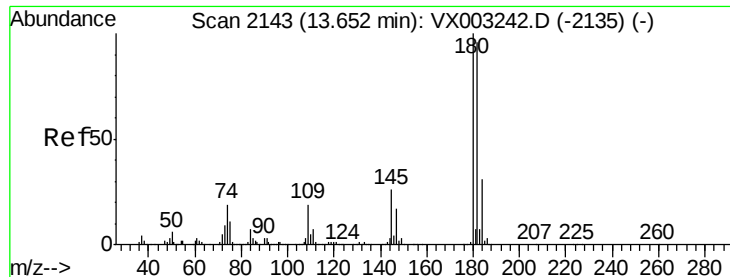
Tot Ion:146 Resp: 1363272
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.4 58.1
 148 64.5 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 174.76 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003244.D
 Acq: 09 Jul 2018 13:36

Tgt Ion: 75 Resp: 185637
 Ion Ratio Lower Upper
 75 100
 155 102.1 45.8 137.4
 157 131.9 60.1 180.3

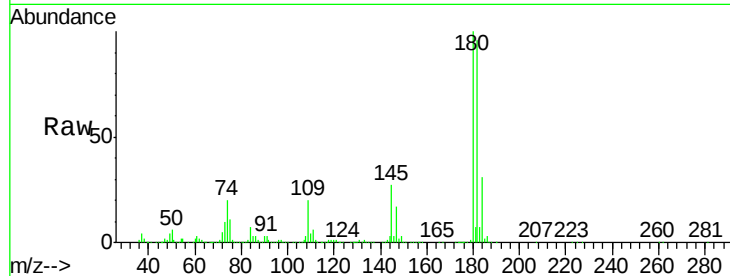




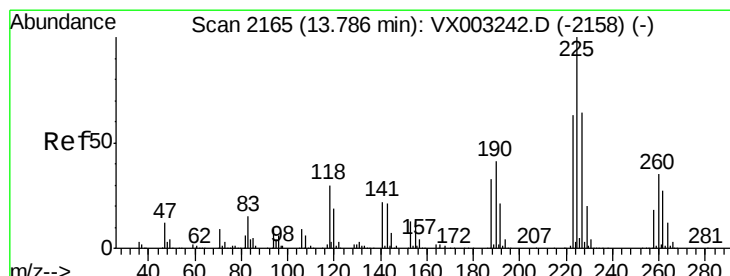
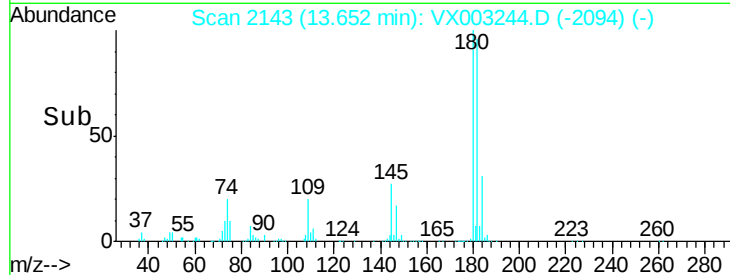
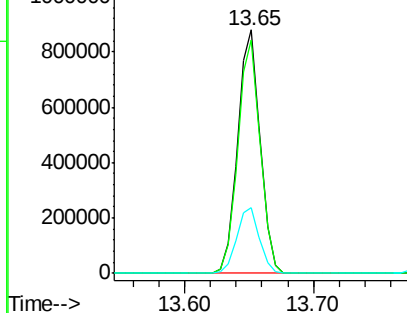
#93
 1,2,4-Trichlorobenzene
 Concen: 180.48 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003244.D
 Acq: 09 Jul 2018 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:180 Resp: 1057731
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.7 143.1
 145 27.4 14.1 42.4

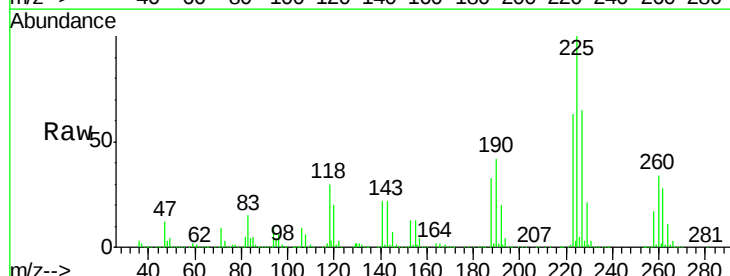


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

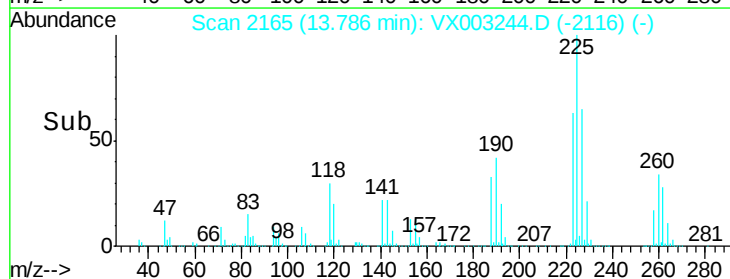
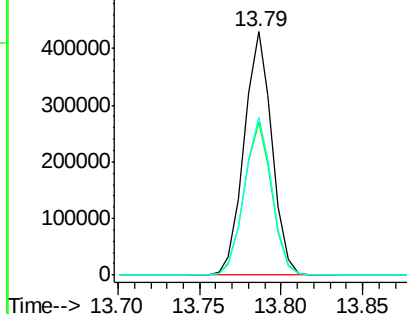


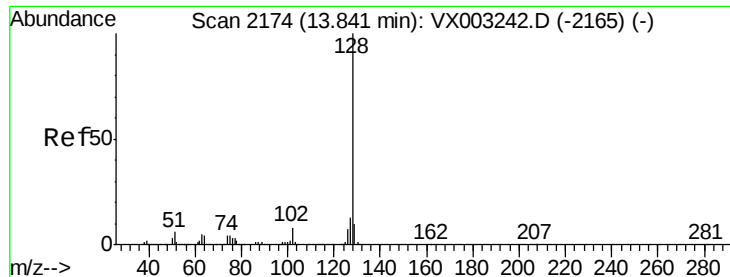
#94
 Hexachlorobutadiene
 Concen: 173.82 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003244.D
 Acq: 09 Jul 2018 13:36

Tgt Ion:225 Resp: 508062
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.6 95.0
 227 64.4 32.4 97.2



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: 180.95 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

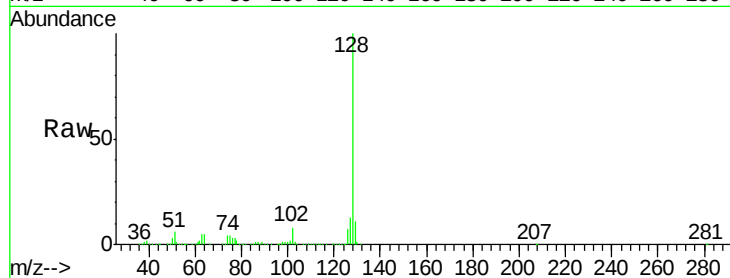
Tot Ion:128 Resp: 2824496

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

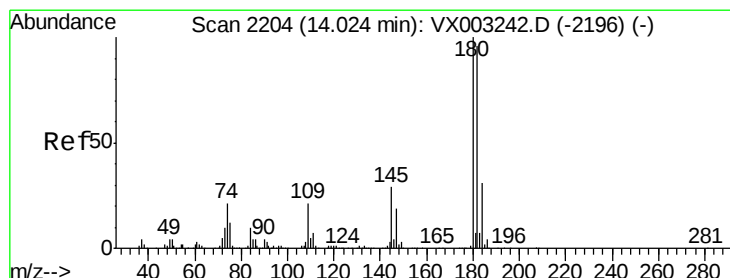
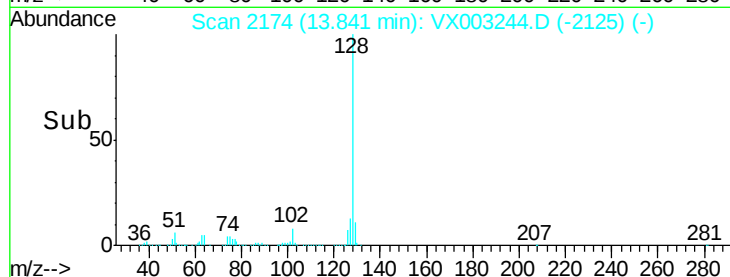
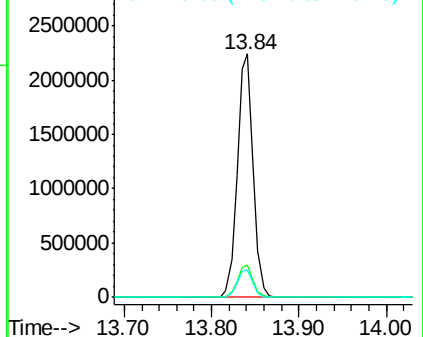
129 11.1 8.6 13.0



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: 178.15 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003244.D

Acq: 09 Jul 2018 13:36

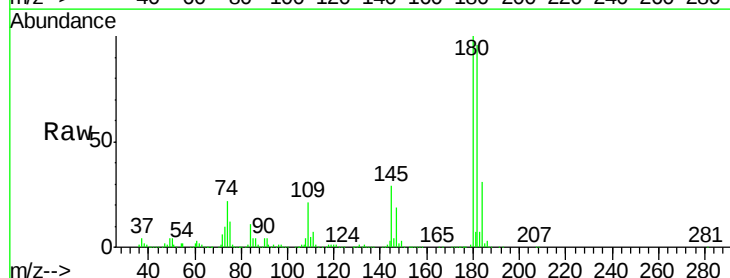
Tgt Ion:180 Resp: 1042840

Ion Ratio Lower Upper

180 100

182 96.3 48.0 144.0

145 29.2 14.8 44.3



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

