

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003242.D
 Acq On : 09 Jul 2018 12:43
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 09 14:42:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 14:42:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	253661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	318509	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213634	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	196286	55.98	ug/l	0.00
Spiked Amount 50.000			Recovery =	111.96%		
35) Dibromofluoromethane	5.51	113	164547	65.24	ug/l	0.00
Spiked Amount 50.000			Recovery =	130.48%		
50) Toluene-d8	8.72	98	611975	66.44	ug/l	0.00
Spiked Amount 50.000			Recovery =	132.88%		
62) 4-Bromofluorobenzene	11.14	95	229014	64.47	ug/l	0.00
Spiked Amount 50.000			Recovery =	128.94%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	198163	78.65	ug/l	100
3) Chloromethane	1.32	50	169136	63.93	ug/l	99
4) Vinyl Chloride	1.41	62	175743	61.26	ug/l	100
5) Bromomethane	1.64	94	54341	30.69	ug/l	100
6) Chloroethane	1.71	64	97545	51.12	ug/l	98
7) Trichlorofluoromethane	1.93	101	258180	53.35	ug/l	99
8) Diethyl Ether	2.19	74	91594	52.07	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	150101	53.53	ug/l	96
10) Methyl Iodide	2.51	142	160939	61.58	ug/l	97
11) Tert butyl alcohol	3.09	59	180134	257.91	ug/l	99
12) 1,1-Dichloroethene	2.37	96	133518	53.37	ug/l	89
13) Acrolein	2.29	56	143203	345.34	ug/l	99
14) Allyl chloride	2.73	41	253887	51.48	ug/l	94
15) Acrylonitrile	3.15	53	382339	256.29	ug/l	99
16) Acetone	2.45	43	336582	231.81	ug/l	96
17) Carbon Disulfide	2.57	76	376840	56.54	ug/l	99
18) Methyl Acetate	2.78	43	197114	48.56	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	454220	50.50	ug/l	98
20) Methylene Chloride	2.85	84	148099	52.41	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	145570	53.43	ug/l	93
22) Diisopropyl ether	3.88	45	516343	54.78	ug/l	98
23) Vinyl Acetate	3.83	43	2259410	283.07	ug/l	97
24) 1,1-Dichloroethane	3.70	63	264988	51.72	ug/l	99
25) 2-Butanone	4.71	43	615101	285.45	ug/l	95
26) 2,2-Dichloropropane	4.59	77	234922	56.39	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	182289	59.67	ug/l	92
28) Bromochloromethane	5.03	49	139781	57.00	ug/l	85
29) Tetrahydrofuran	5.17	42	394886	285.76	ug/l	94
30) Chloroform	5.22	83	303491	57.72	ug/l	97
31) Cyclohexane	5.57	56	255676	58.15	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	265135	57.31	ug/l	98
36) 1,1-Dichloropropene	5.80	75	219286	62.78	ug/l	98
37) Ethyl Acetate	4.87	43	234826	62.44	ug/l	97
38) Carbon Tetrachloride	5.78	117	243667	63.57	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	257737	63.35	ug/l	97
40) Benzene	6.15	78	645781	63.63	ug/l	100
41) Methacrylonitrile	5.07	41	133005	61.42	ug/l	95
42) 1,2-Dichloroethane	6.20	62	237737	57.99	ug/l	97
43) Isopropyl Acetate	6.47	43	379387	60.15	ug/l	97
44) Trichloroethene	7.21	130	192435	63.60	ug/l	99
45) 1,2-Dichloropropane	7.52	63	164326	61.04	ug/l	100
46) Dibromomethane	7.67	93	115157	61.64	ug/l	94
47) Bromodichloromethane	7.90	83	218236	63.19	ug/l	97
48) Methyl methacrylate	7.78	41	199728	61.46	ug/l	93
49) 1,4-Dioxane	7.76	88	82211	1300.22	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1225103	310.45	ug/l	97
52) Toluene	8.79	92	416976	64.14	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	261788	66.93	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	239009	63.50	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	168603	63.11	ug/l	98
56) Ethyl methacrylate	9.18	69	245337	62.83	ug/l	91
57) 1,3-Dichloropropane	9.38	76	274001	62.45	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	616822	327.46	ug/l	96
59) 2-Hexanone	9.50	43	936206	312.16	ug/l	95
60) Dibromochloromethane	9.59	129	187180	66.56	ug/l	99
61) 1,2-Dibromoethane	9.68	107	180065	64.26	ug/l	99
64) Tetrachloroethene	9.34	164	214719	65.12	ug/l	98
65) Chlorobenzene	10.14	112	482909	64.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	180551	65.99	ug/l	99
67) Ethyl Benzene	10.26	91	810703	65.16	ug/l	100
68) m/p-Xylenes	10.36	106	638167	133.08	ug/l	96
69) o-Xylene	10.70	106	307300	65.81	ug/l	97
70) Styrene	10.71	104	506527	66.76	ug/l	98
71) Bromoform	10.86	173	150627	70.04	ug/l	100
73) Isopropylbenzene	11.02	105	829661	57.73	ug/l	99
74) N-amyl acetate	6.47	43	379387	53.95	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	248960	56.24	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	291071	75.22	ug/l	80
77) Bromobenzene	11.26	156	236444	57.77	ug/l	94
78) n-propylbenzene	11.36	91	943061	57.65	ug/l	98
79) 2-Chlorotoluene	11.43	91	556659	56.20	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	704608	58.21	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	72660	63.69	ug/l	94
82) 4-Chlorotoluene	11.51	91	656897	56.03	ug/l	98
83) tert-Butylbenzene	11.77	119	698733	58.57	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	729850	58.19	ug/l	98
85) sec-Butylbenzene	11.95	105	829124	57.29	ug/l	99
86) p-Isopropyltoluene	12.07	119	764667	58.77	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	425307	56.90	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	431645	56.11	ug/l	99
89) n-Butylbenzene	12.39	91	635760	56.14	ug/l	99
90) Hexachloroethane	12.60	117	113720	58.76	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	430700	57.09	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	56267	56.54	ug/l	92

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Quant Title : SW846 8260
QLast Update : Mon Jul 09 14:42:20 2018
Response via : Initial Calibration

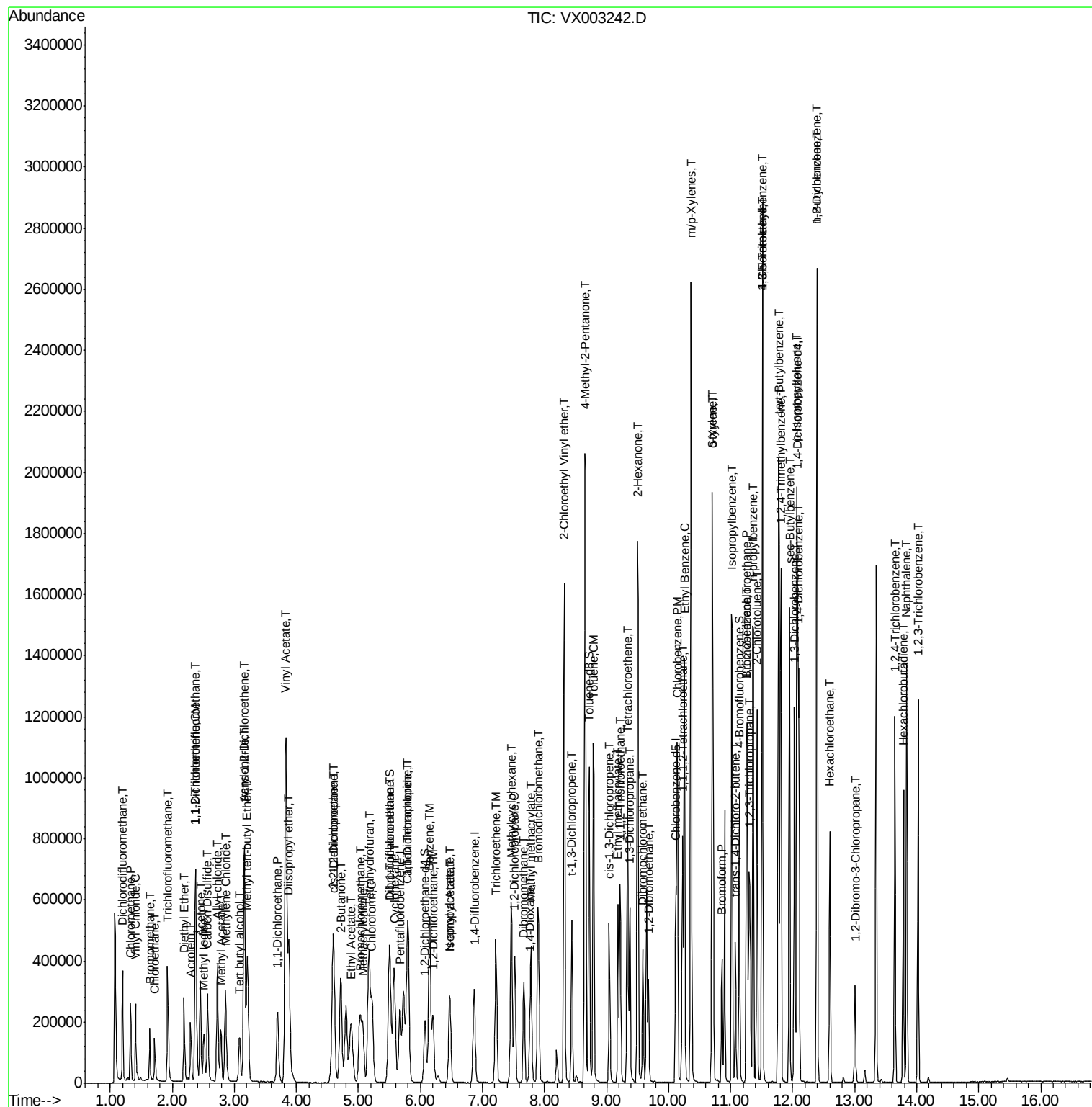
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	321085	58.48	ug/l	99
94) Hexachlorobutadiene	13.79	225	156917	57.30	ug/l	99
95) Naphthalene	13.84	128	889183	60.80	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	325243	59.30	ug/l	100

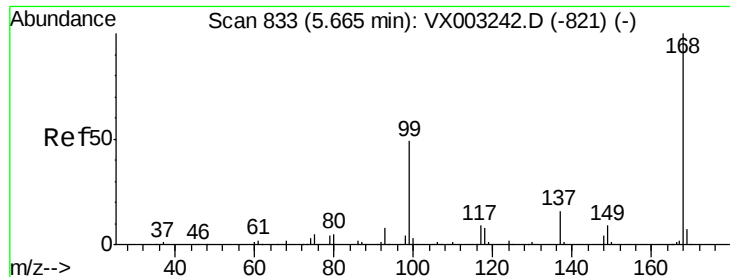
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

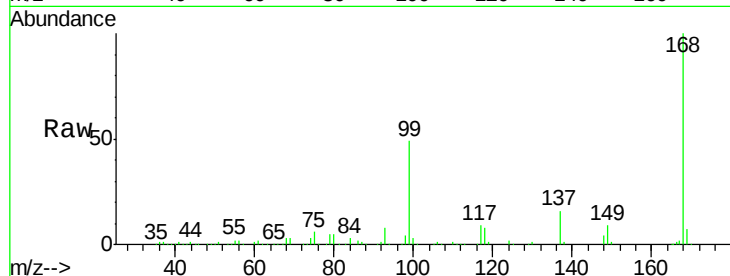
VSTDICCC050

Tot Ion:168 Resp: 253661

Ion Ratio Lower Upper

168 100

99 49.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

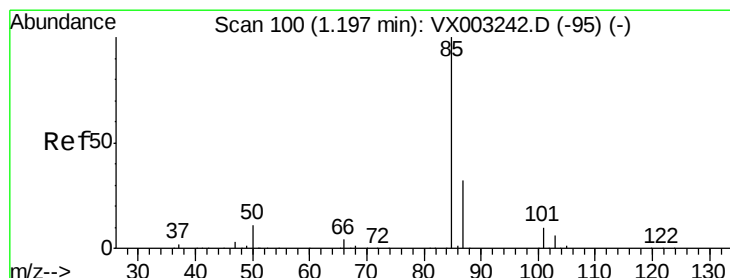
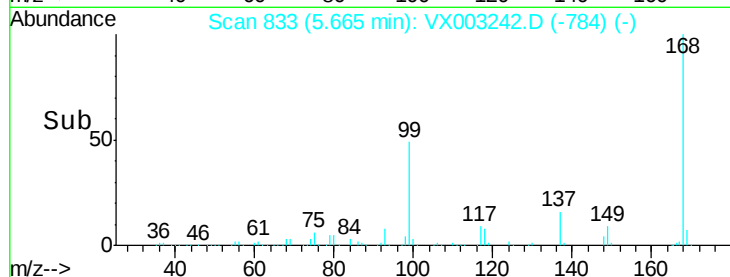
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 78.65 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003242.D

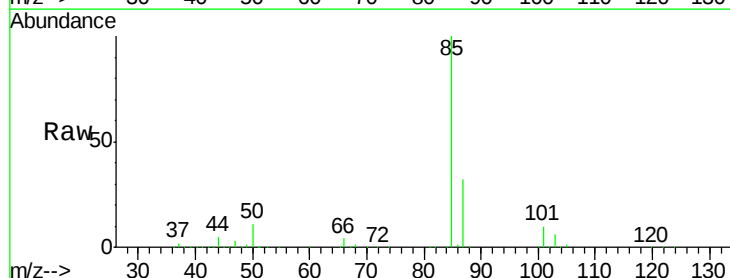
Acq: 09 Jul 2018 12:43

Tgt Ion: 85 Resp: 198163

Ion Ratio Lower Upper

85 100

87 32.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

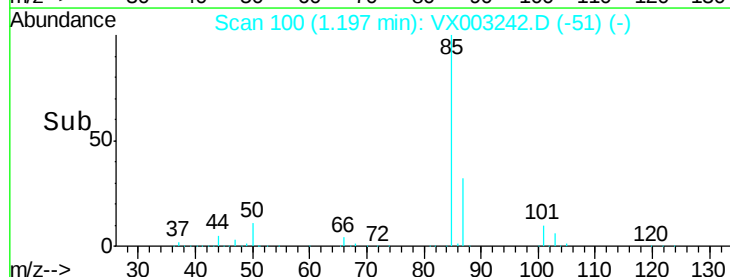
100000

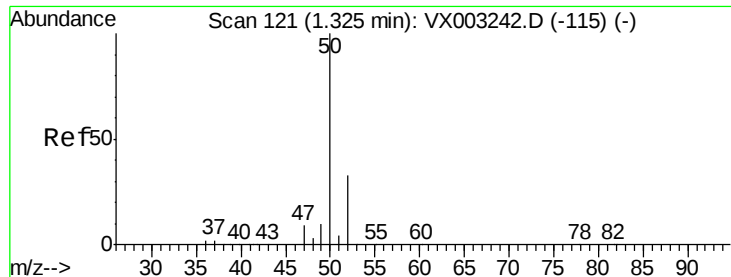
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 63.93 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

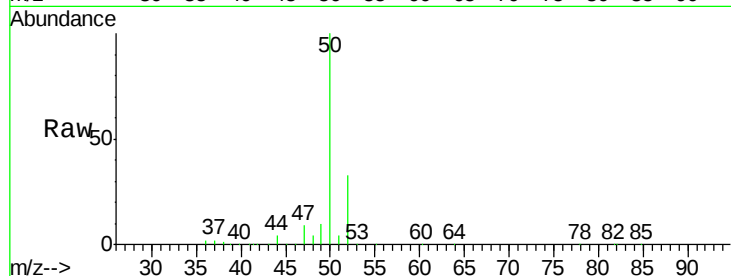
VSTDICCC050

Tot Ion: 50 Resp: 169136

Ion Ratio Lower Upper

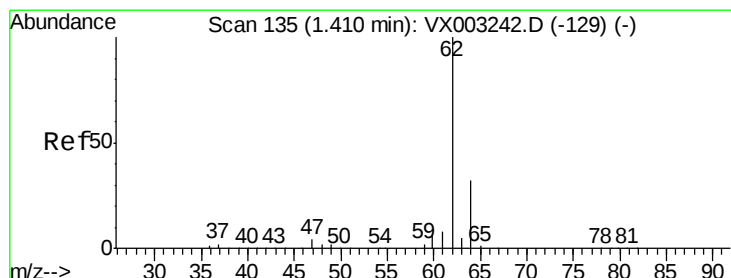
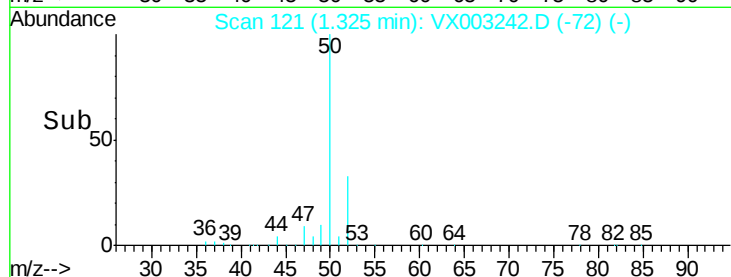
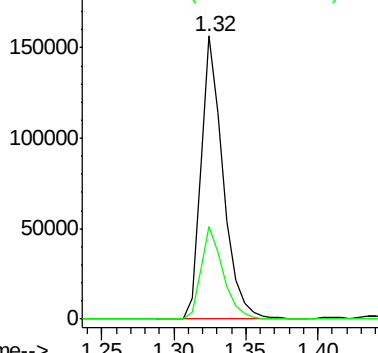
50 100

52 32.7 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 61.26 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX003242.D

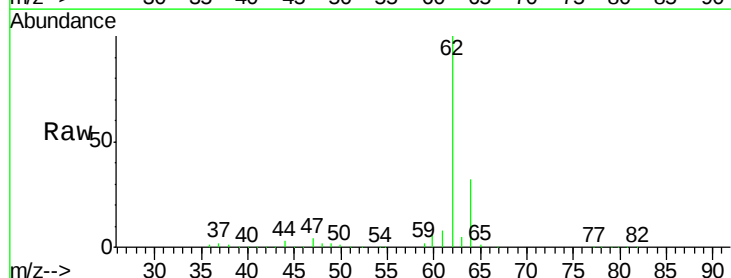
Acq: 09 Jul 2018 12:43

Tgt Ion: 62 Resp: 175743

Ion Ratio Lower Upper

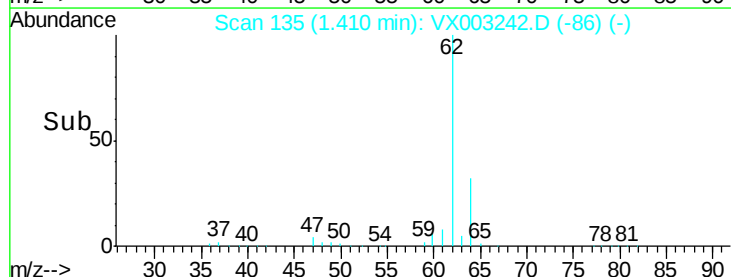
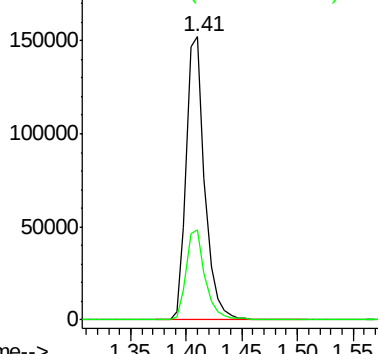
62 100

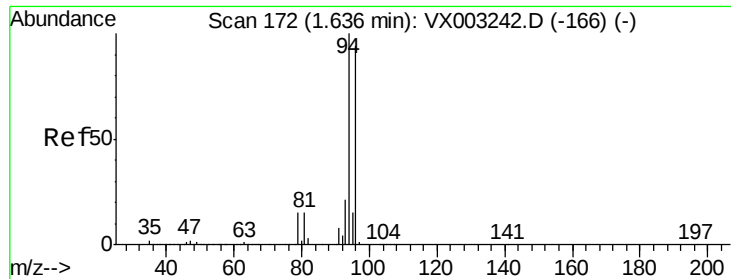
64 31.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 30.69 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

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ClientSampleId :

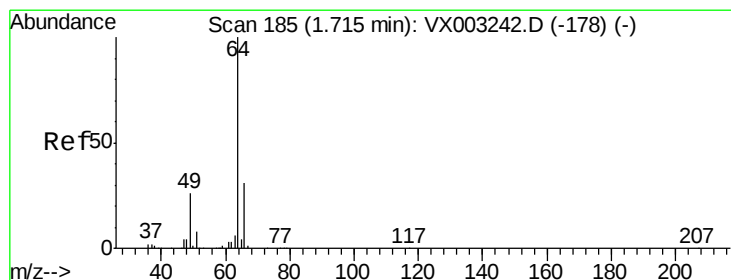
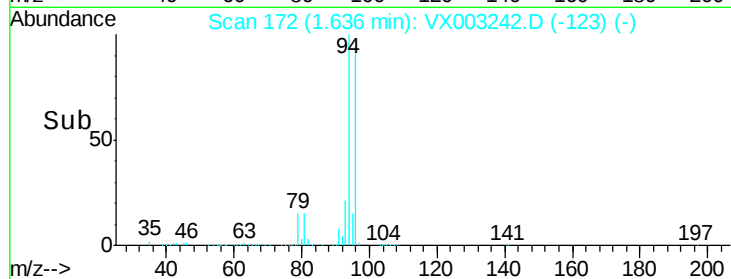
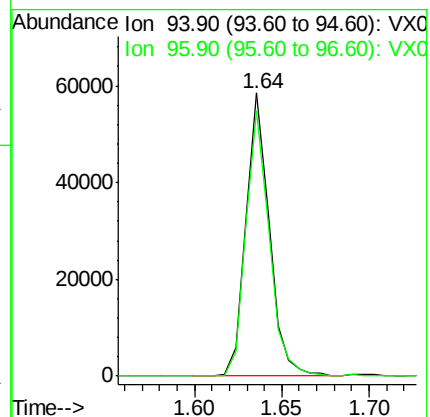
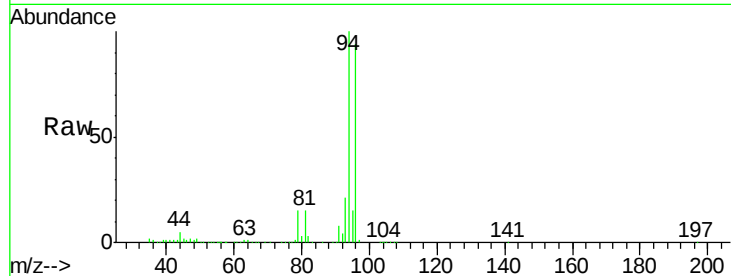
VSTDICCC050

Tot Ion: 94 Resp: 54341

Ion Ratio Lower Upper

94 100

96 93.8 74.9 112.3



#6

Chloroethane

Concen: 51.12 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003242.D

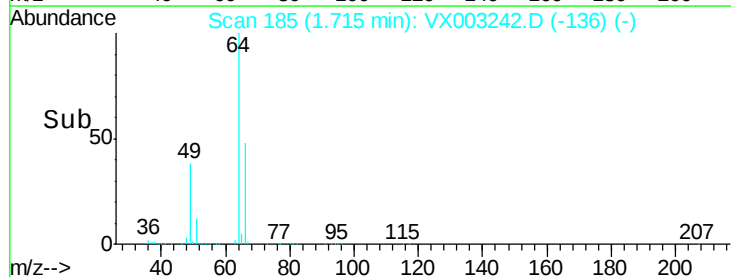
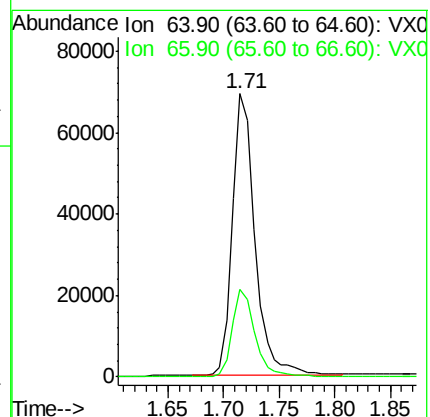
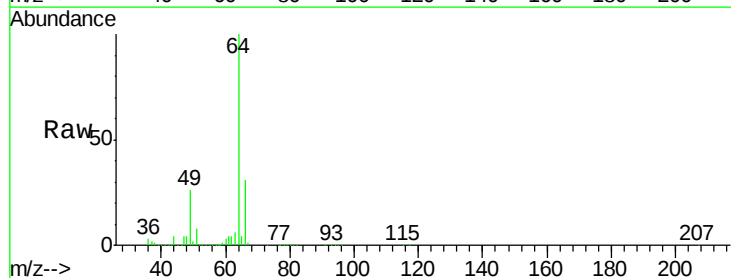
Acq: 09 Jul 2018 12:43

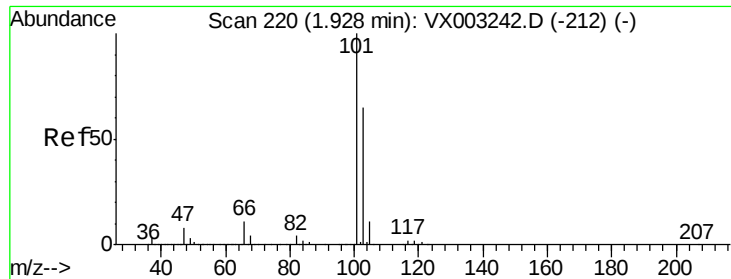
Tgt Ion: 64 Resp: 97545

Ion Ratio Lower Upper

64 100

66 30.9 25.5 38.3





#7

Trichlorofluoromethane

Concen: 53.35 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

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ClientSampleId :

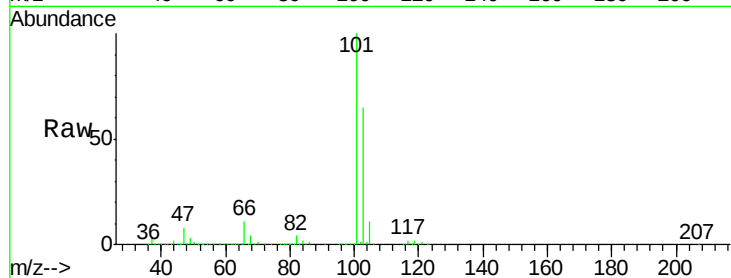
VSTDICCC050

Tot Ion:101 Resp: 258180

Ion Ratio Lower Upper

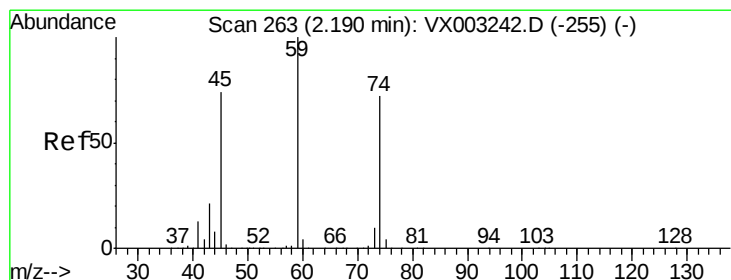
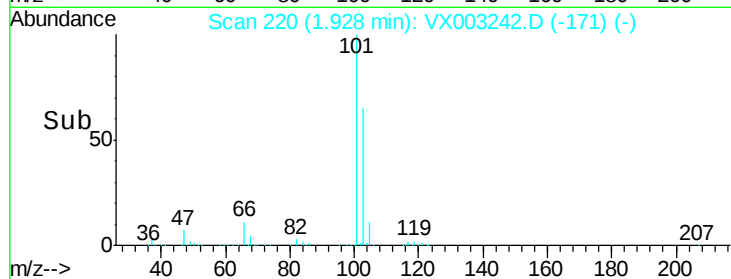
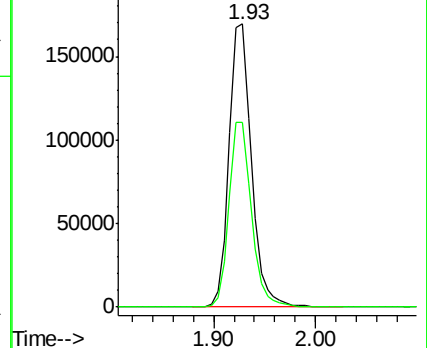
101 100

103 65.2 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: 52.07 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003242.D

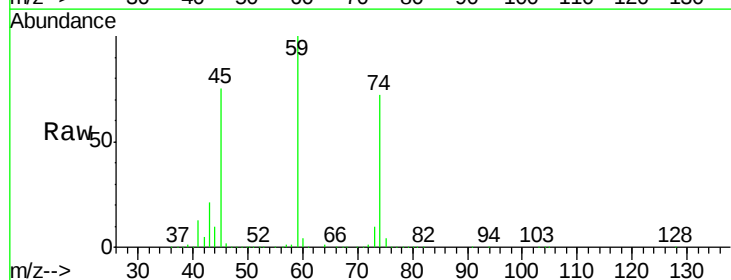
Acq: 09 Jul 2018 12:43

Tgt Ion: 74 Resp: 91594

Ion Ratio Lower Upper

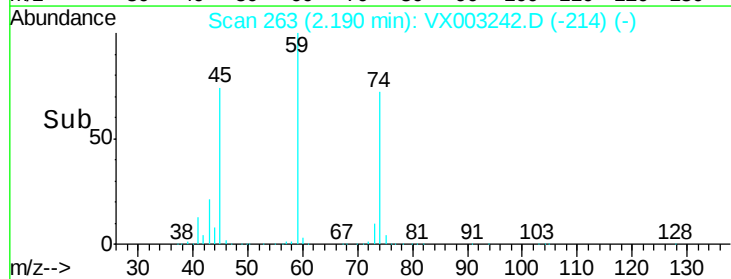
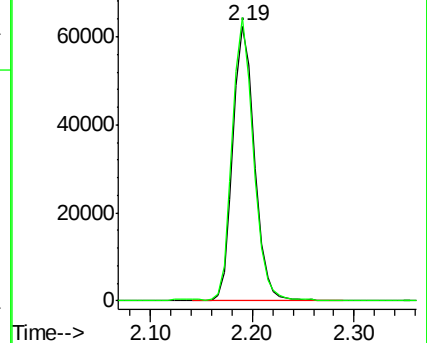
74 100

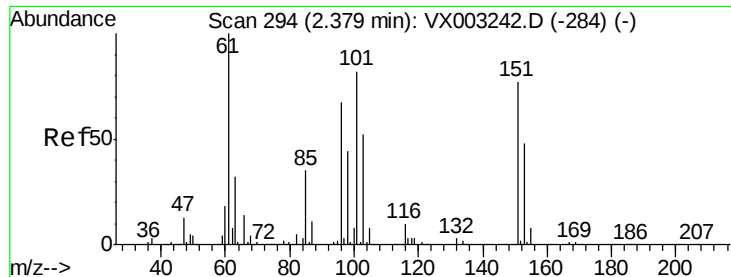
45 100.3 53.1 159.4



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: 53.53 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

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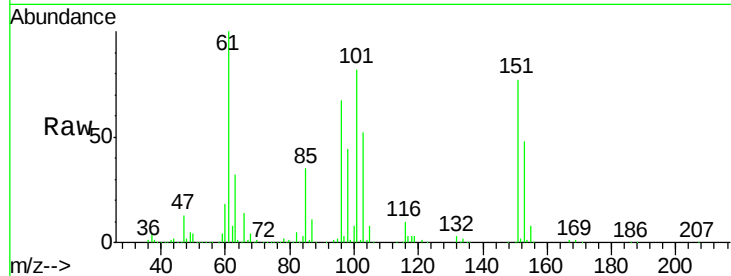
Tot Ion:101 Resp: 150101

Ion Ratio Lower Upper

101 100

85 43.0 36.0 54.0

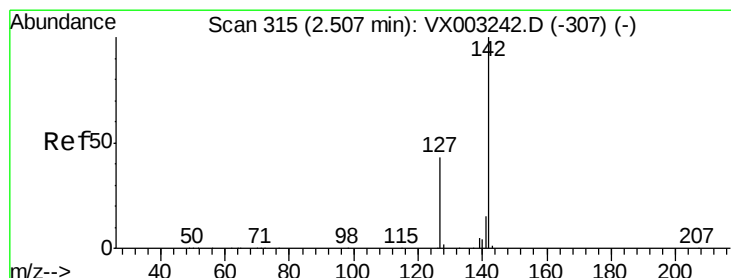
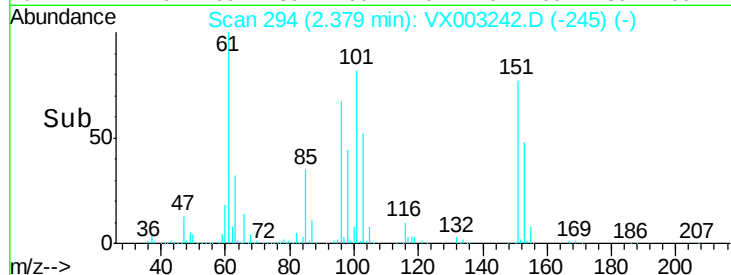
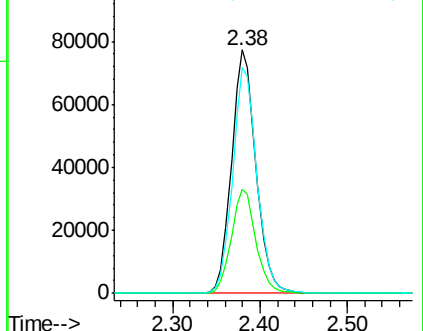
151 92.9 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 61.58 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

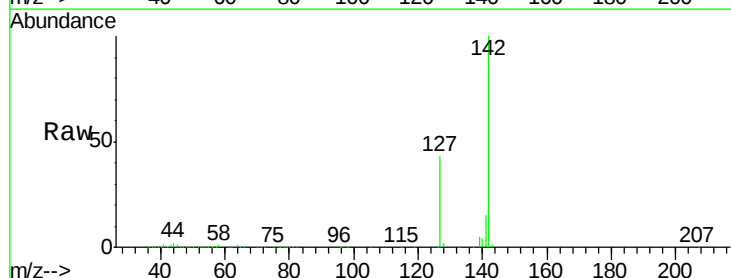
Tgt Ion:142 Resp: 160939

Ion Ratio Lower Upper

142 100

127 43.4 36.6 55.0

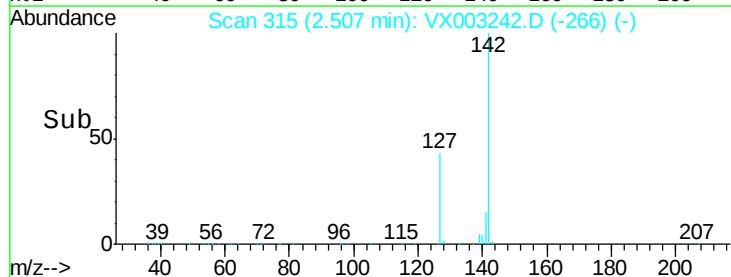
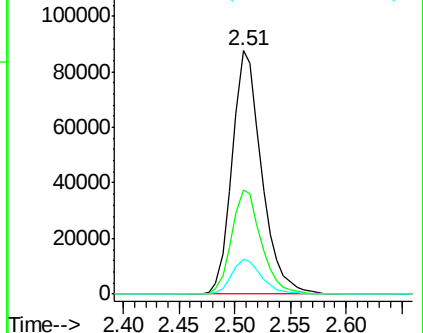
141 14.5 11.3 16.9

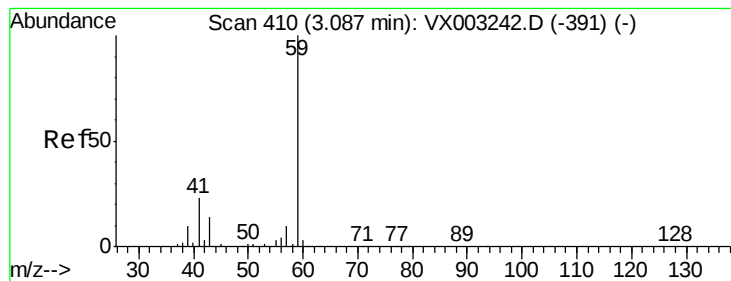


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 257.91 ug/l

RT: 3.09 min Scan# 410

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

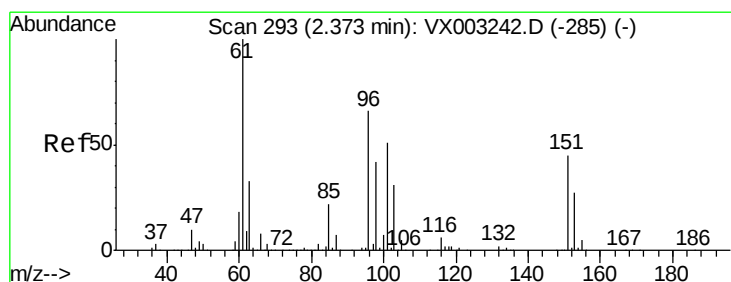
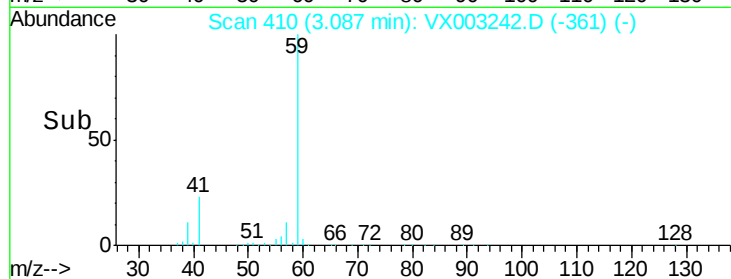
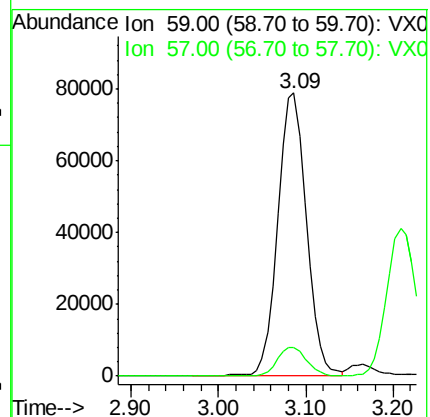
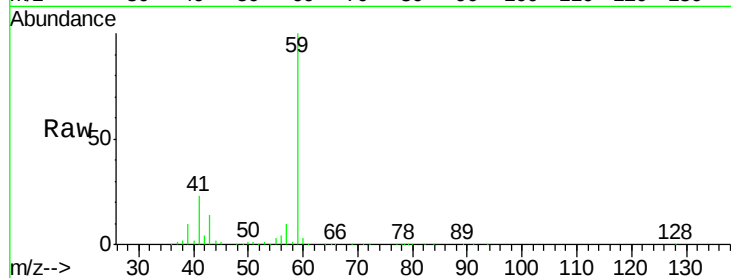
VSTDICCC050

Tot Ion: 59 Resp: 180134

Ion Ratio Lower Upper

59 100

57 10.6 8.2 12.2



#12

1,1-Dichloroethene

Concen: 53.37 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

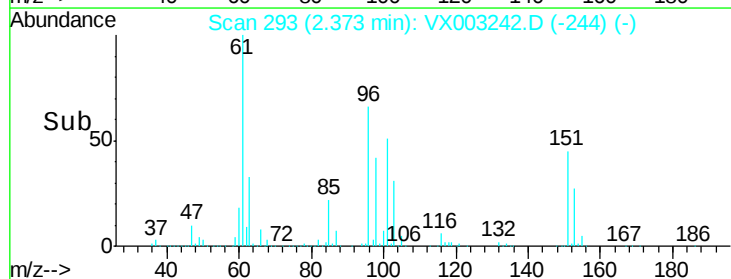
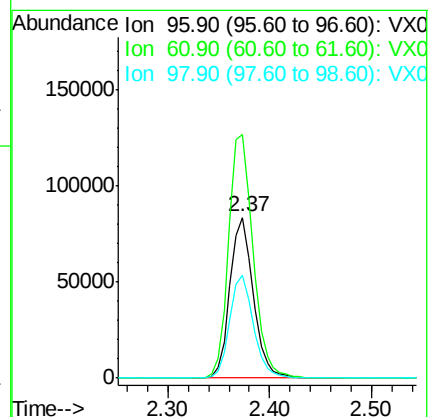
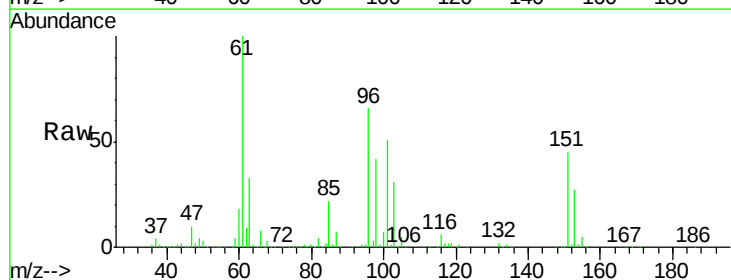
Tgt Ion: 96 Resp: 133518

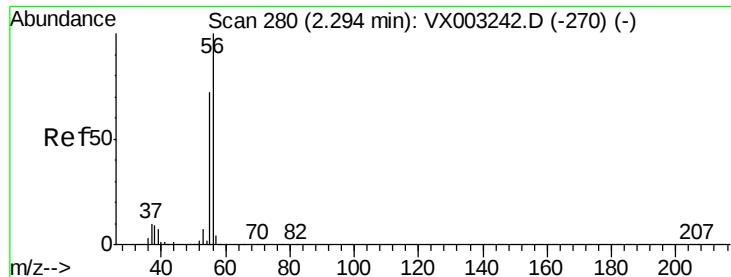
Ion Ratio Lower Upper

96 100

61 151.5 137.9 206.9

98 64.1 51.6 77.4





#13

Acrolein

Concen: 345.34 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

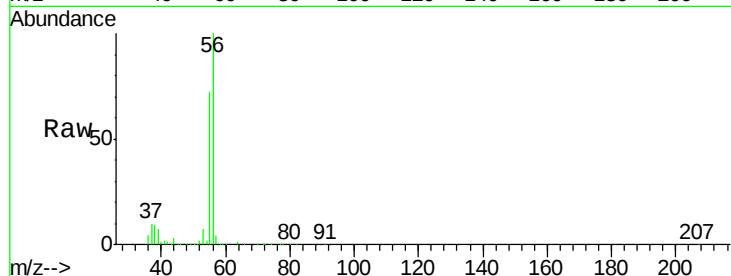
VSTDICCC050

Tot Ion: 56 Resp: 143203

Ion Ratio Lower Upper

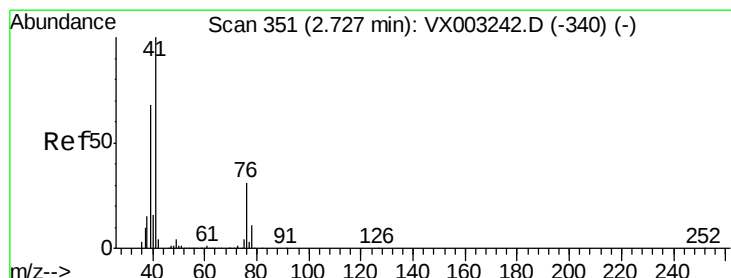
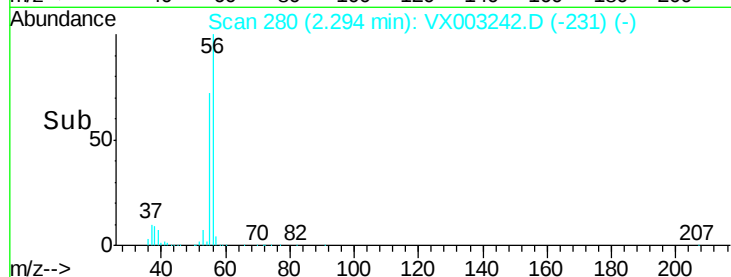
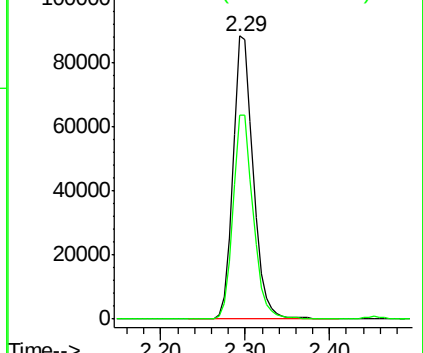
56 100

55 71.8 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.48 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

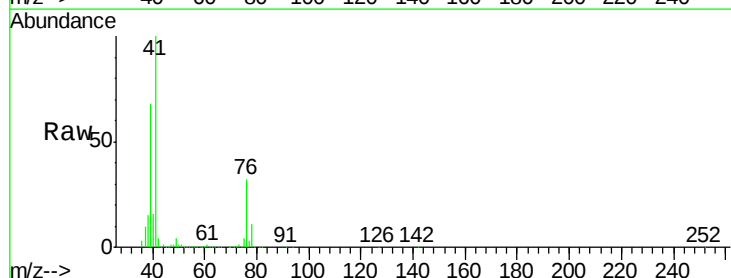
Tgt Ion: 41 Resp: 253887

Ion Ratio Lower Upper

41 100

39 65.4 56.8 85.2

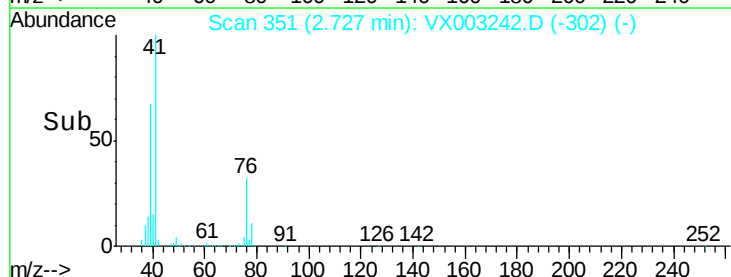
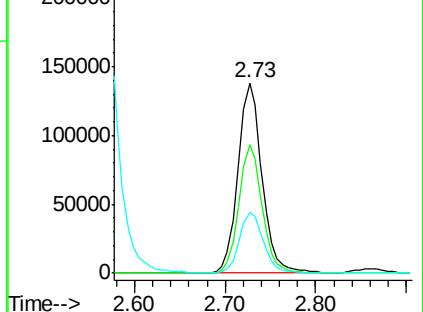
76 31.7 23.8 35.8

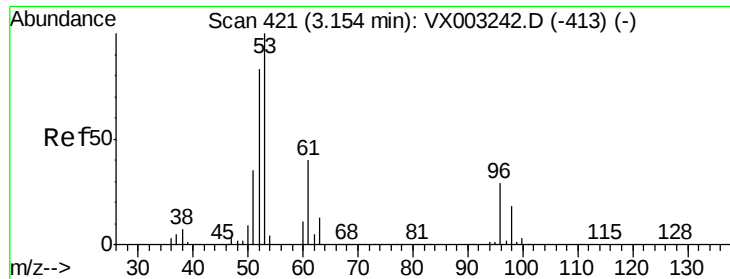


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 256.29 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

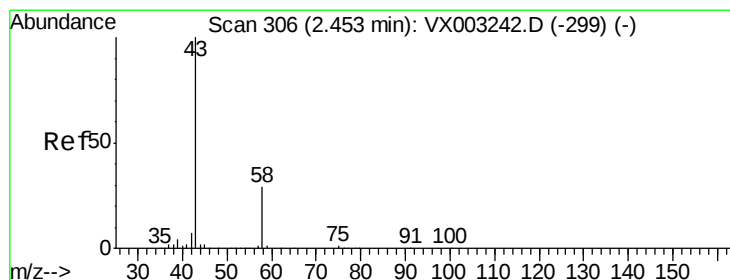
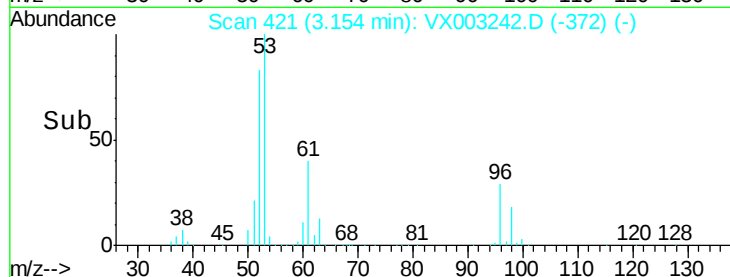
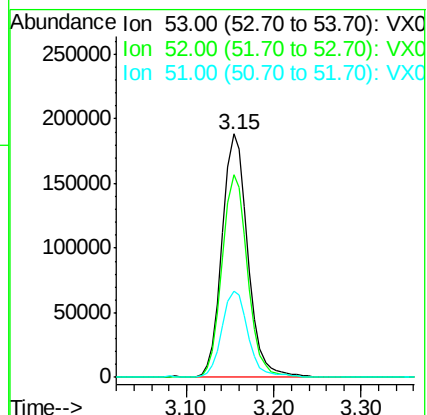
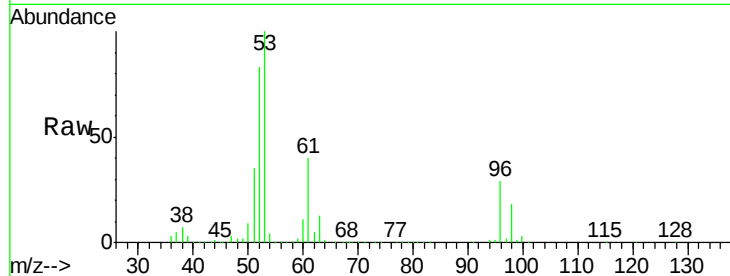
Tot Ion: 53 Resp: 382339

Ion Ratio Lower Upper

53 100

52 83.1 66.7 100.1

51 36.2 29.9 44.9



#16

Acetone

Concen: 231.81 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003242.D

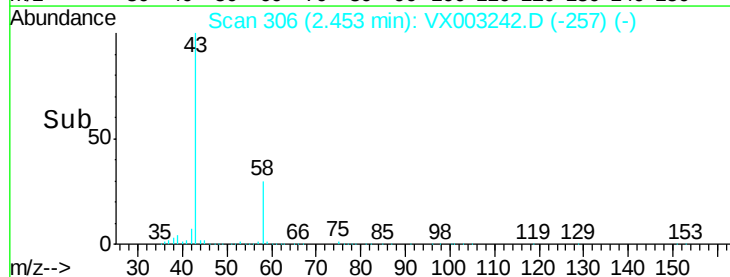
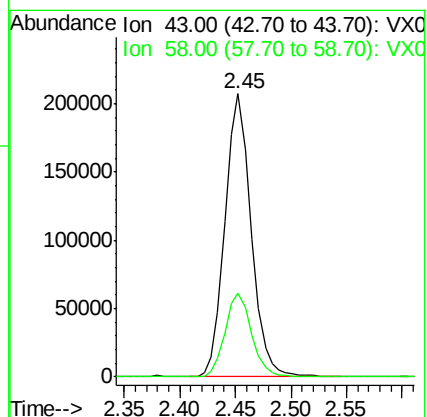
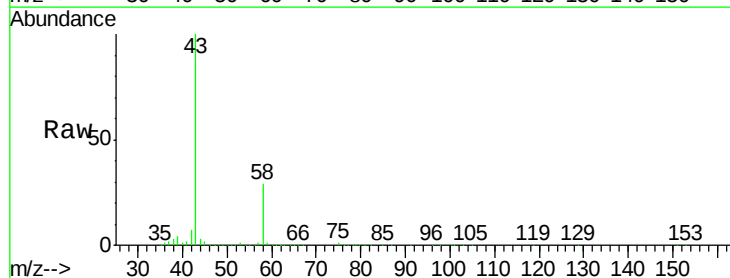
Acq: 09 Jul 2018 12:43

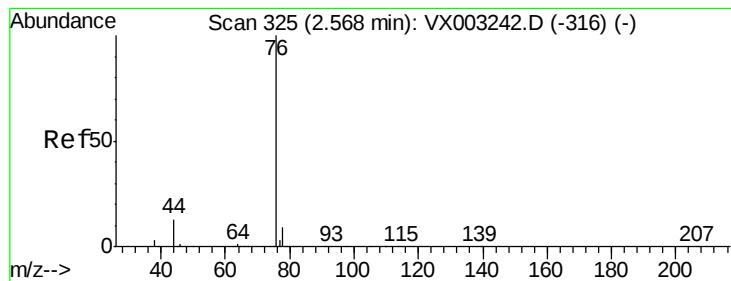
Tgt Ion: 43 Resp: 336582

Ion Ratio Lower Upper

43 100

58 29.5 22.1 33.1





#17

Carbon Disulfide

Concen: 56.54 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

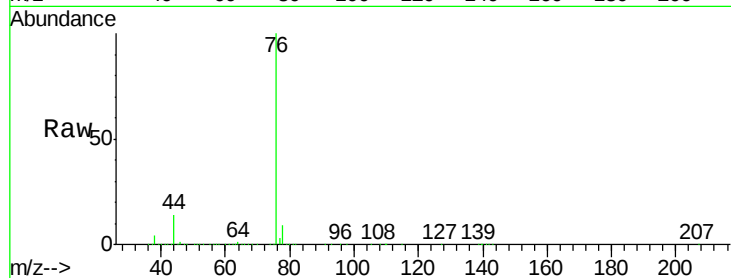
VSTDICCC050

Tot Ion: 76 Resp: 376840

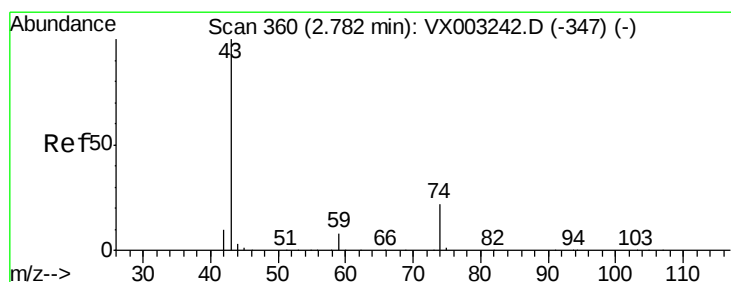
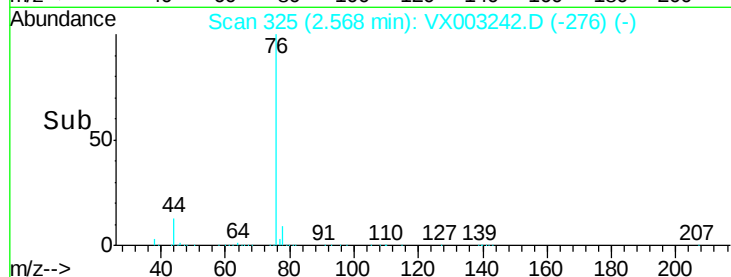
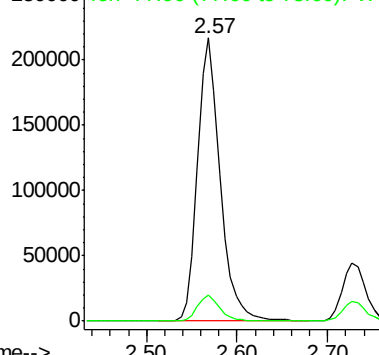
Ion Ratio Lower Upper

76 100

78 9.0 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: 48.56 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003242.D

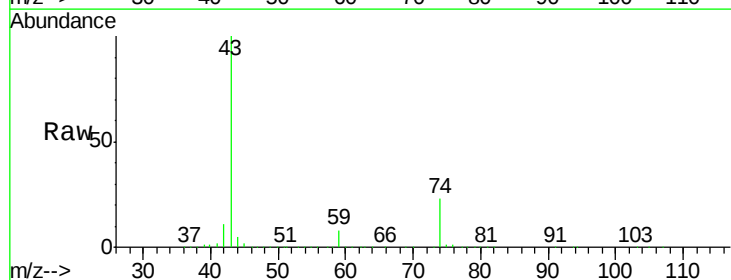
Acq: 09 Jul 2018 12:43

Tgt Ion: 43 Resp: 197114

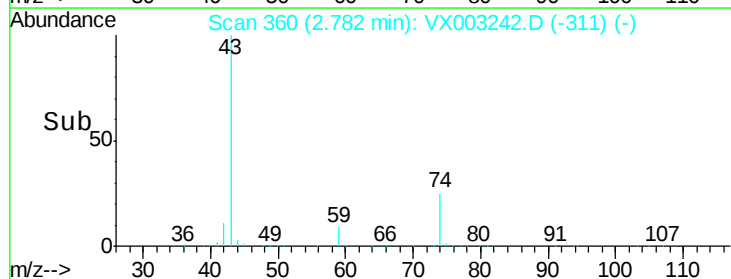
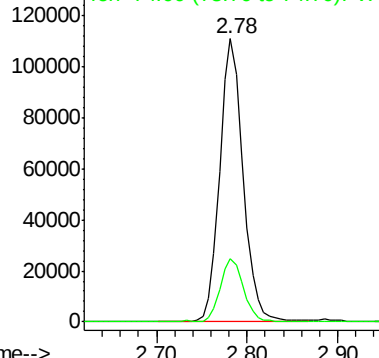
Ion Ratio Lower Upper

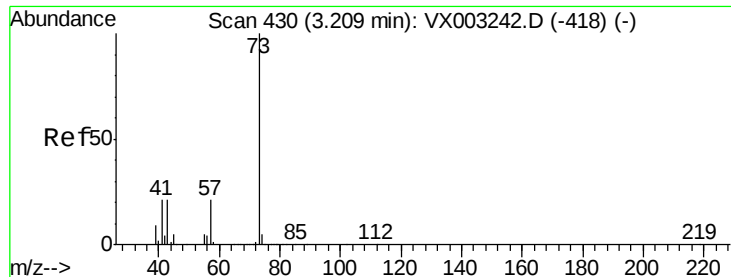
43 100

74 22.1 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0

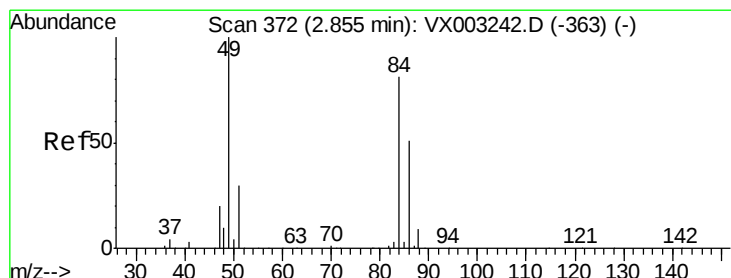
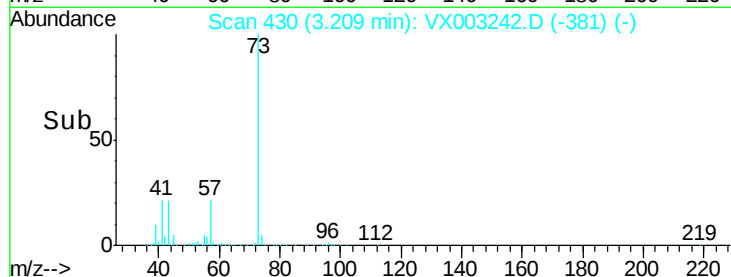
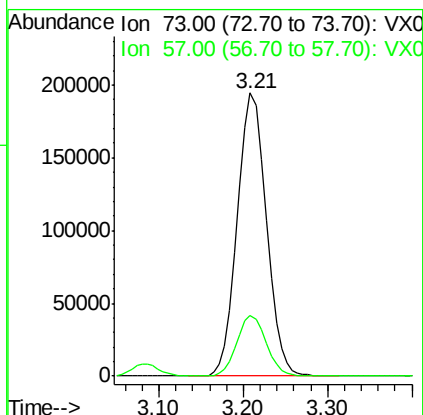
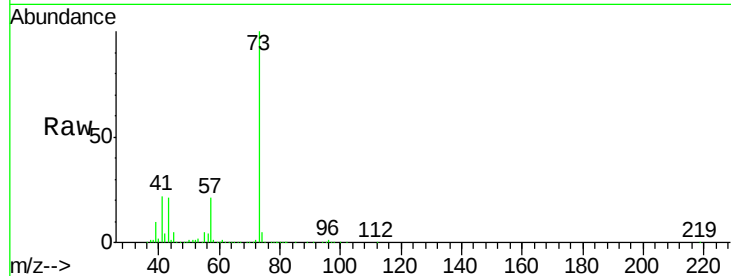




#19
Methvl tert-butvl Ether
Concen: 50.50 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

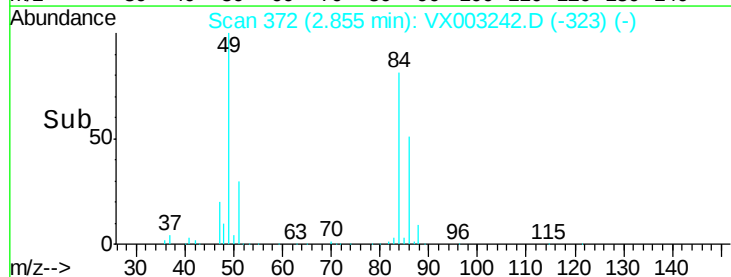
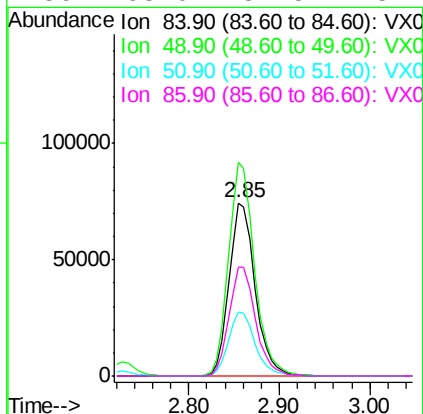
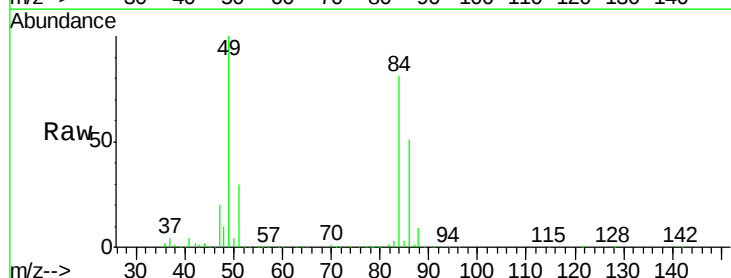
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

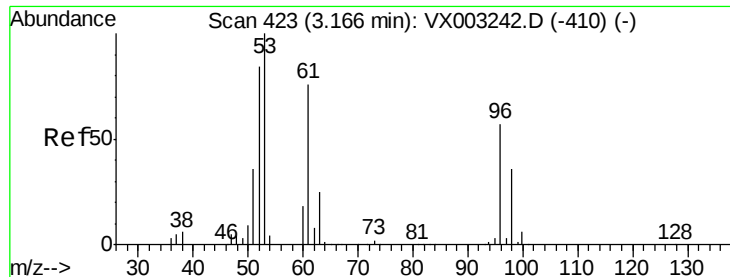
Tot Ion: 73 Resp: 454220
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5



#20
Methylene Chloride
Concen: 52.41 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion: 84 Resp: 148099
Ion Ratio Lower Upper
84 100
49 123.3 107.8 161.6
51 36.7 32.8 49.2
86 63.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 53.43 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

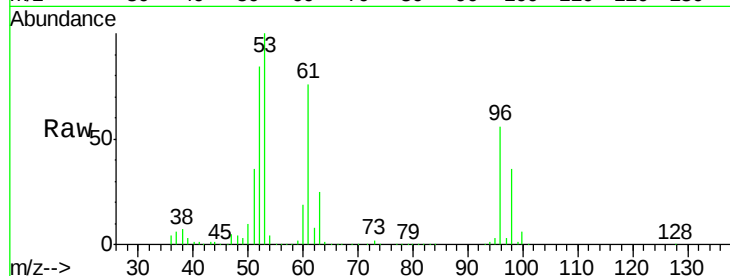
Tot Ion: 96 Resp: 145570

Ion Ratio Lower Upper

96 100

61 134.4 117.0 175.4

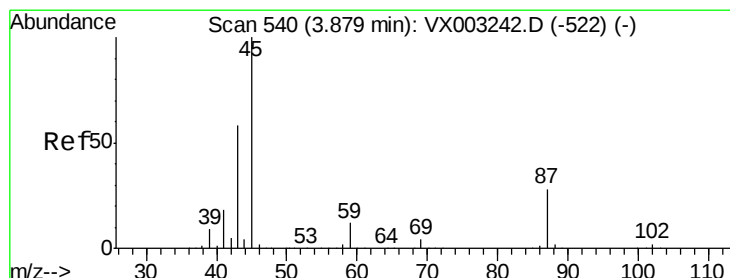
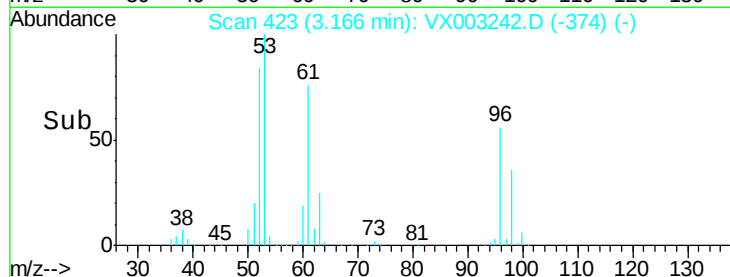
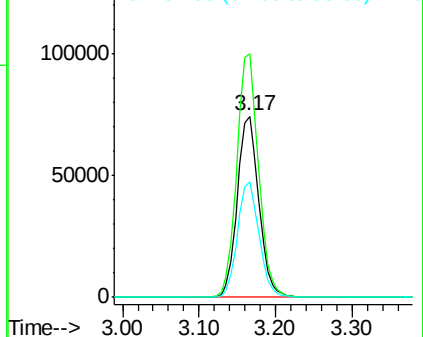
98 63.6 52.4 78.6



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: 54.78 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Tgt Ion: 45 Resp: 516343

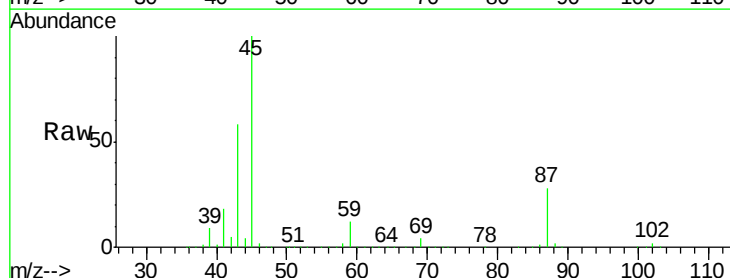
Ion Ratio Lower Upper

45 100

43 57.6 46.8 70.2

87 28.0 20.2 30.4

59 11.8 8.7 13.1

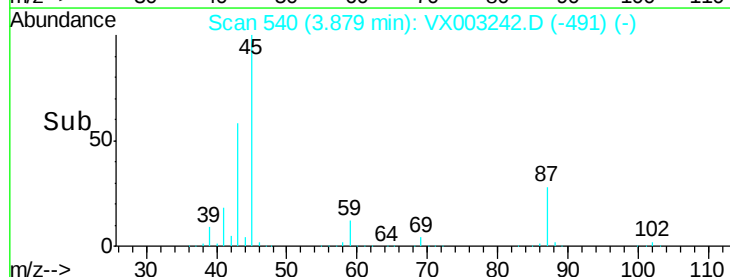
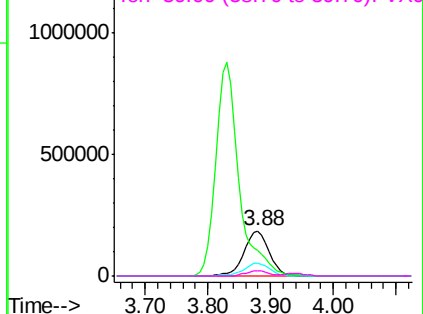


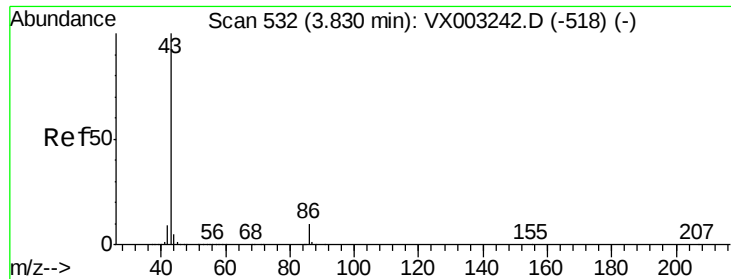
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 283.07 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

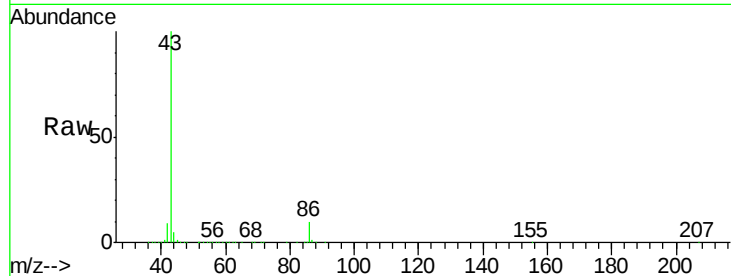
VSTDICCC050

Tot Ion: 43 Resp: 2259410

Ion Ratio Lower Upper

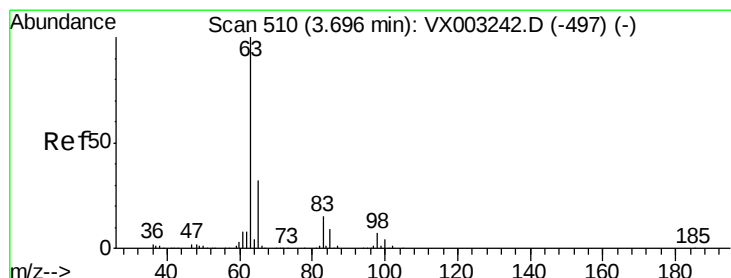
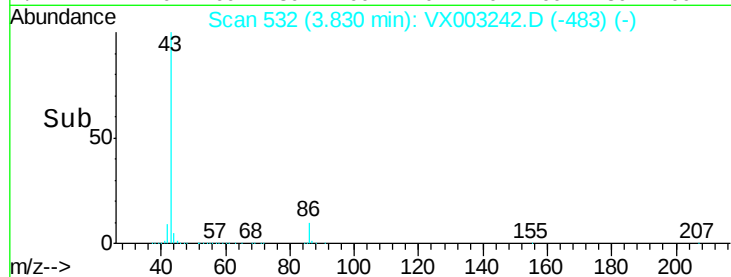
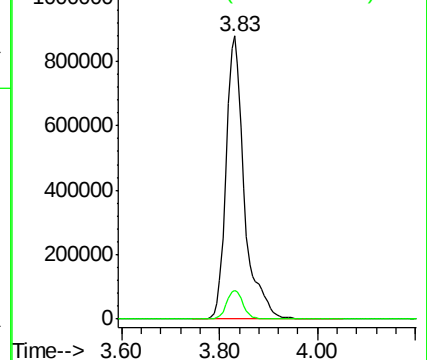
43 100

86 10.3 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.72 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

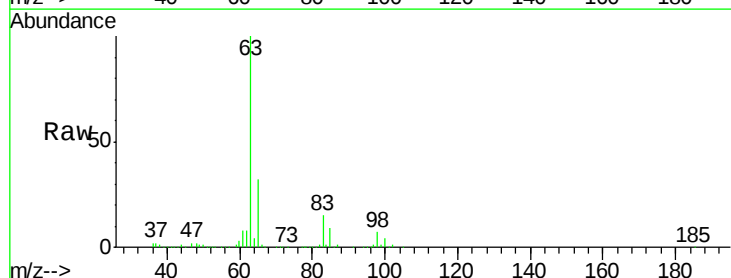
Tgt Ion: 63 Resp: 264988

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

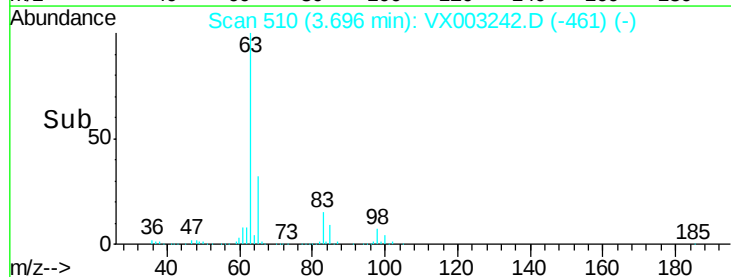
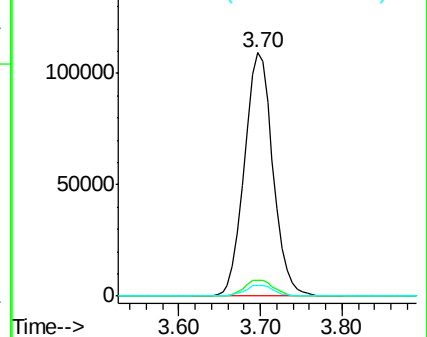
100 4.5 2.0 6.0

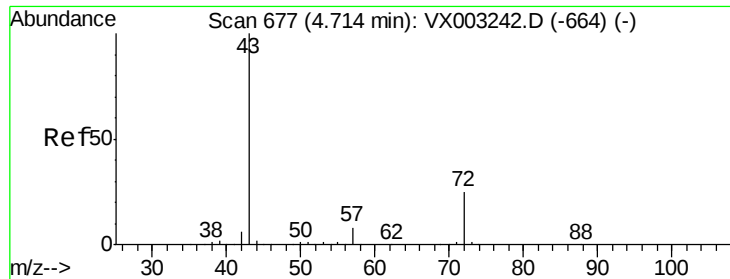


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 285.45 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

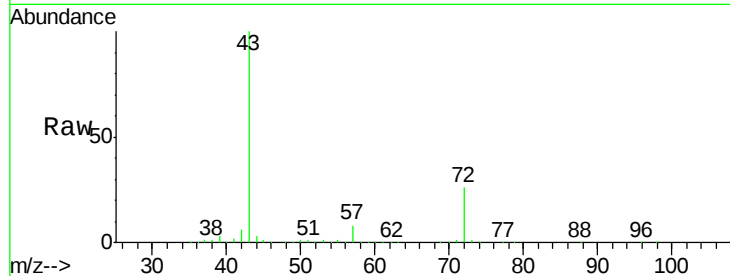
VSTDICCC050

Tot Ion: 43 Resp: 615101

Ion Ratio Lower Upper

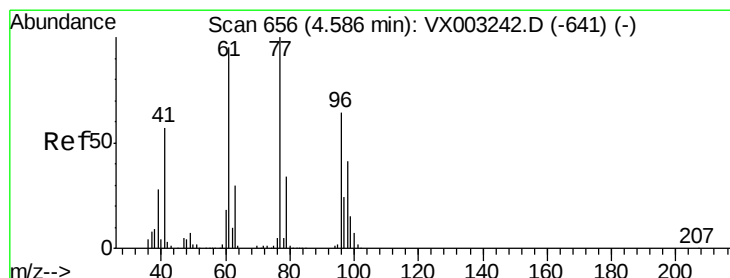
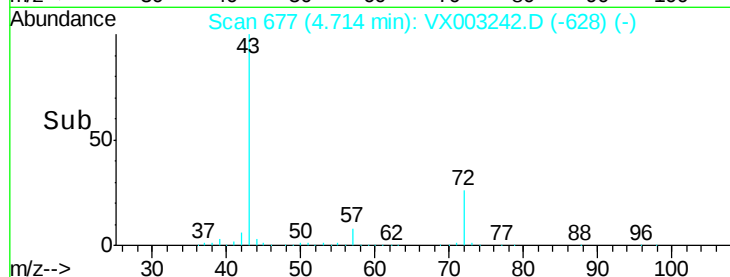
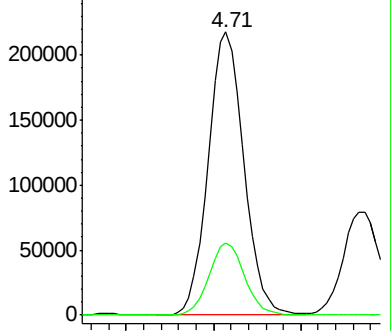
43 100

72 25.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 56.39 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003242.D

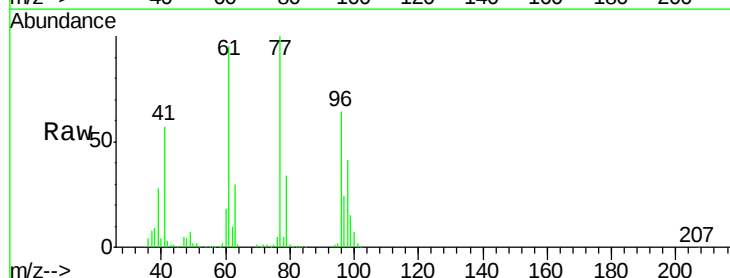
Acq: 09 Jul 2018 12:43

Tgt Ion: 77 Resp: 234922

Ion Ratio Lower Upper

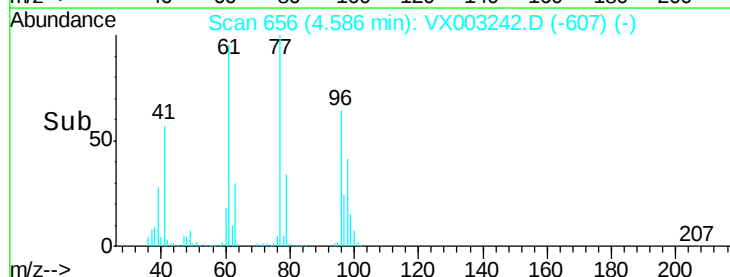
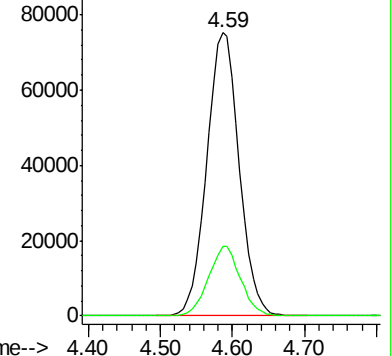
77 100

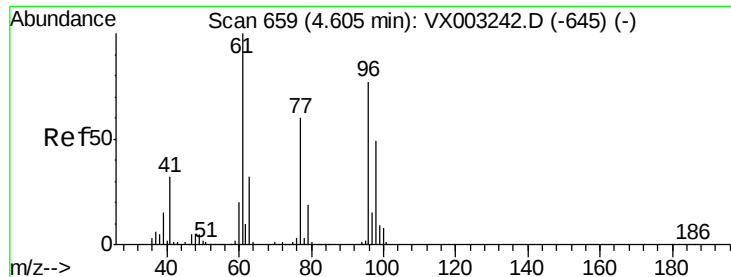
97 24.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 59.67 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

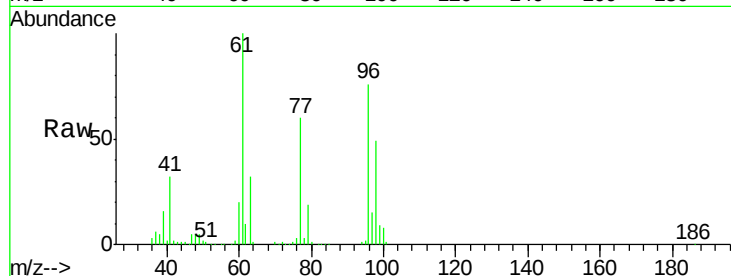
Tot Ion: 96 Resp: 182289

Ion Ratio Lower Upper

96 100

61 150.9 0.0 330.2

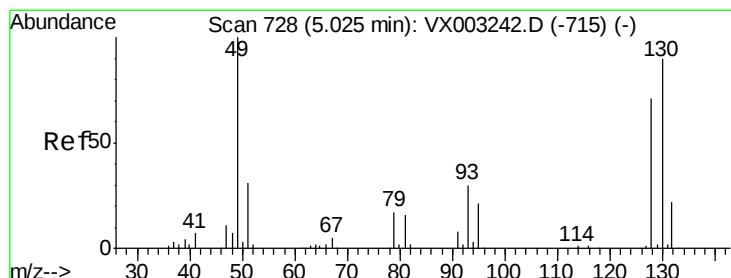
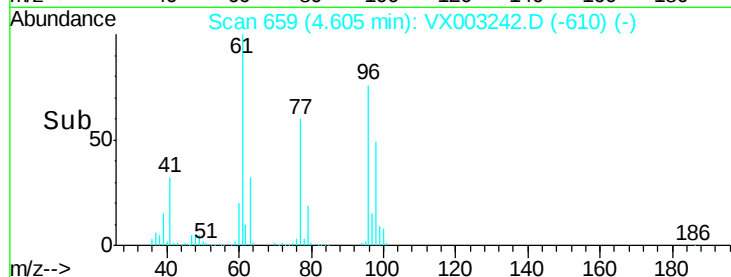
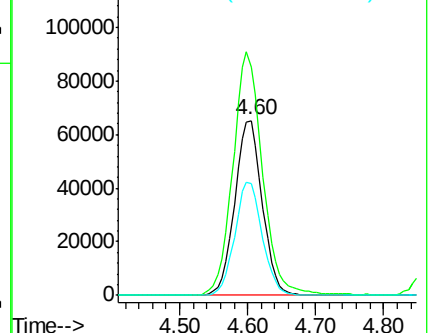
98 65.0 0.0 130.2



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: 57.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

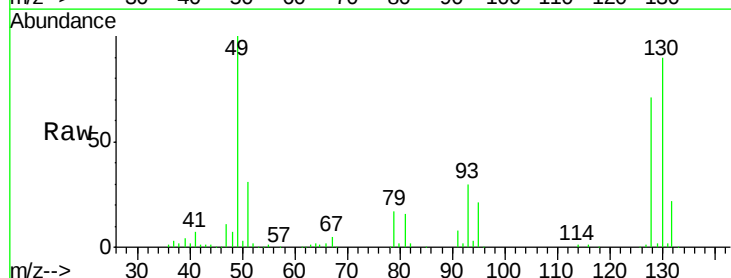
Tgt Ion: 49 Resp: 139781

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

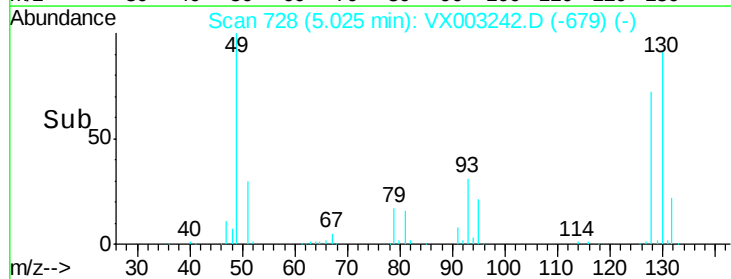
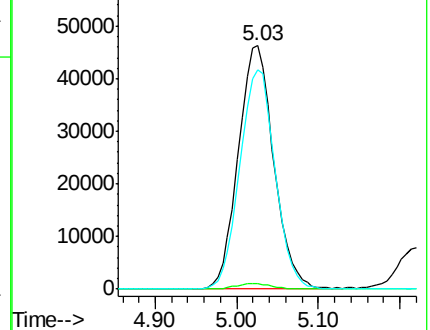
130 89.4 61.2 91.8

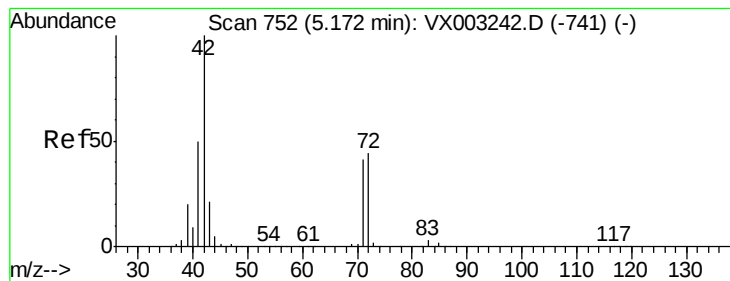


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 285.76 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

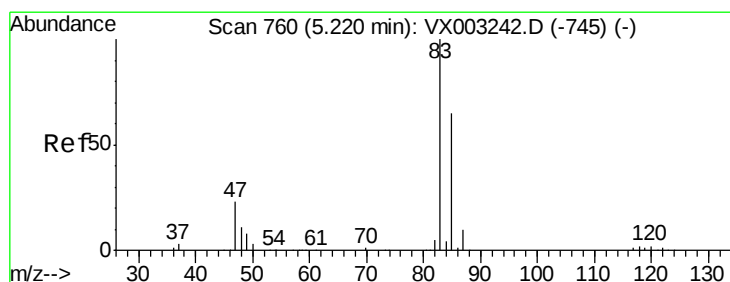
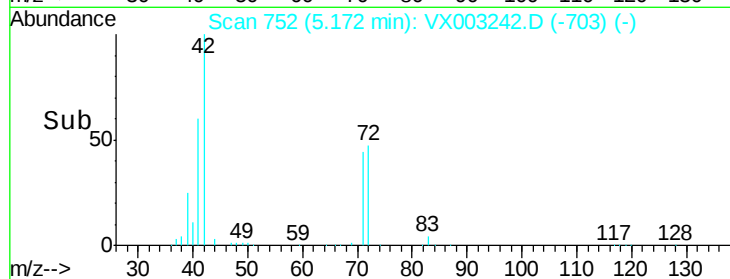
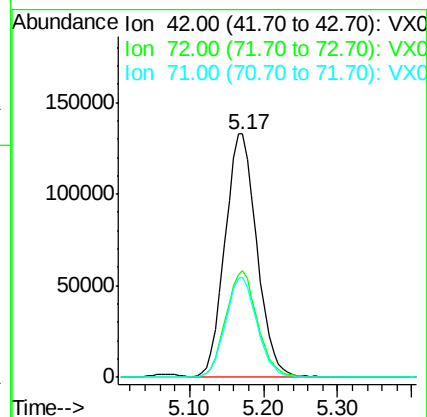
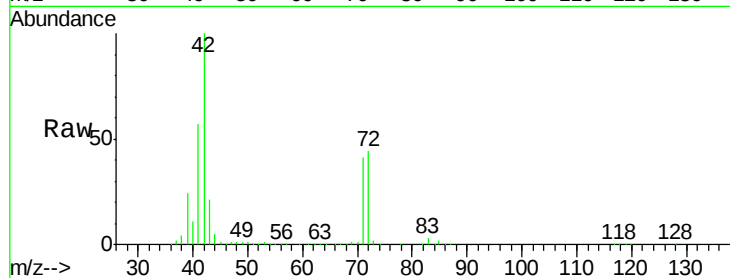
Tot Ion: 42 Resp: 394886

Ion Ratio Lower Upper

42 100

72 43.7 32.0 48.0

71 40.8 30.1 45.1



#30

Chloroform

Concen: 57.72 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003242.D

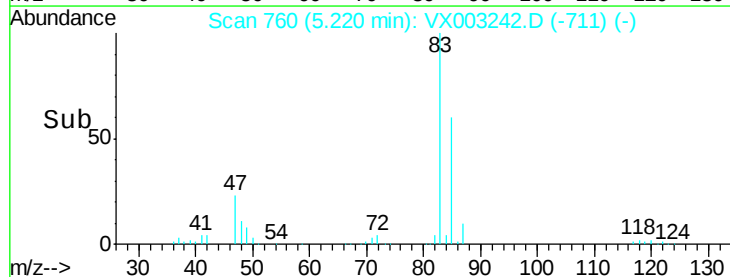
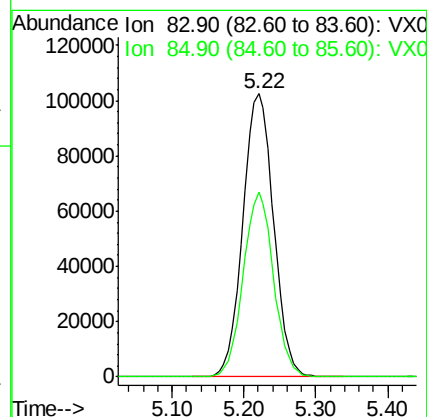
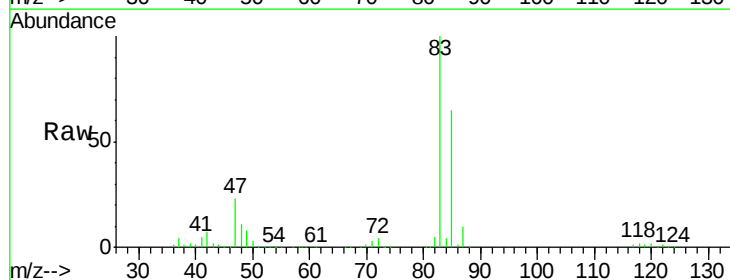
Acq: 09 Jul 2018 12:43

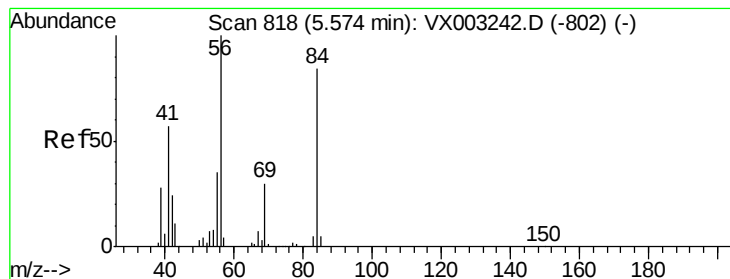
Tgt Ion: 83 Resp: 303491

Ion Ratio Lower Upper

83 100

85 65.2 50.4 75.6





#31

Cyclohexane

Concen: 58.15 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

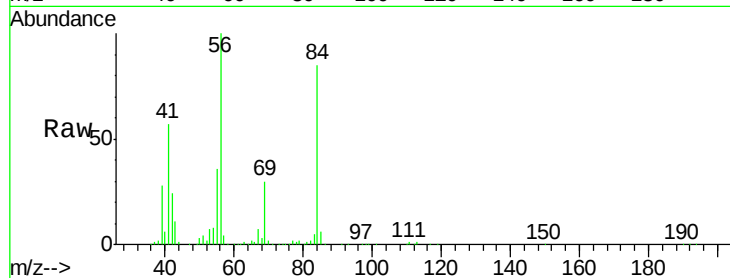
Tot Ion: 56 Resp: 255676

Ion Ratio Lower Upper

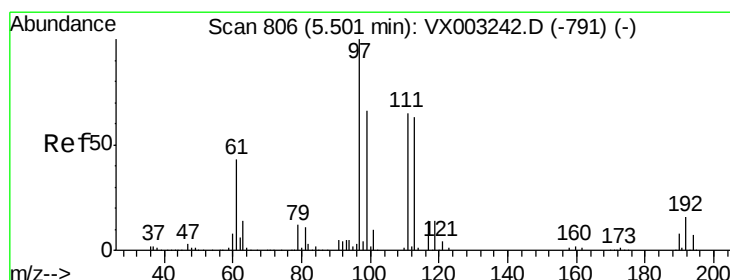
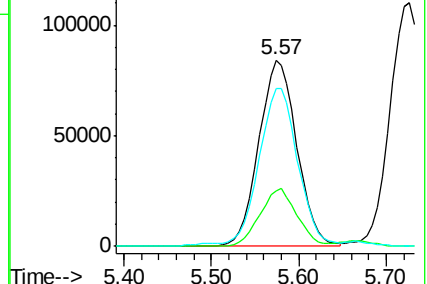
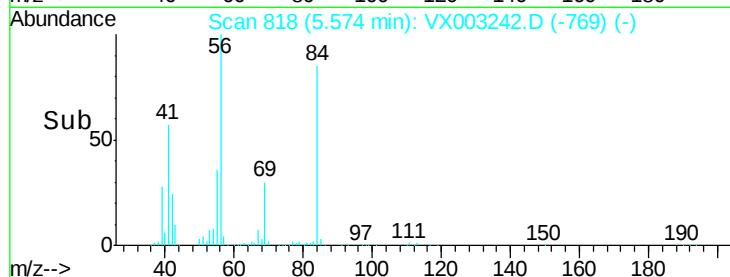
56 100

69 29.7 23.7 35.5

84 83.7 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: 57.31 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

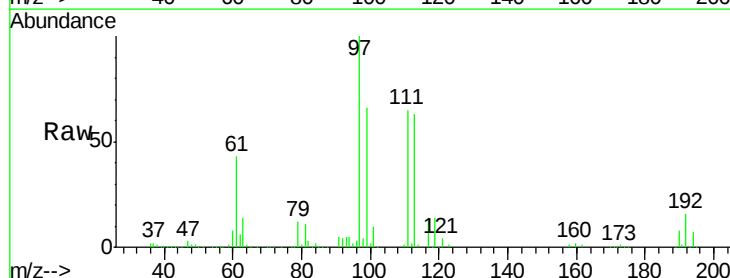
Tgt Ion: 97 Resp: 265135

Ion Ratio Lower Upper

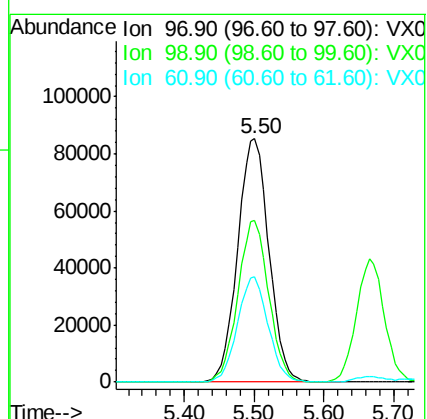
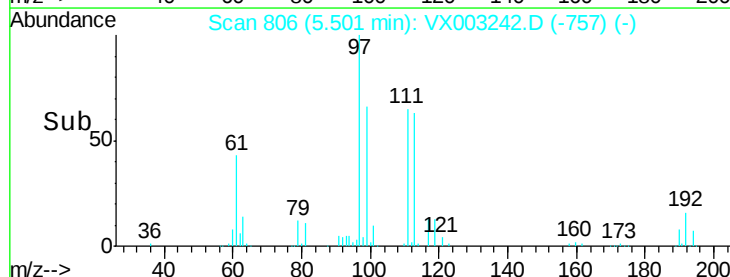
97 100

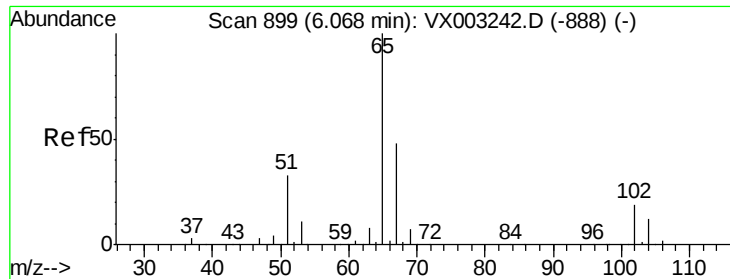
99 65.1 51.6 77.4

61 42.3 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

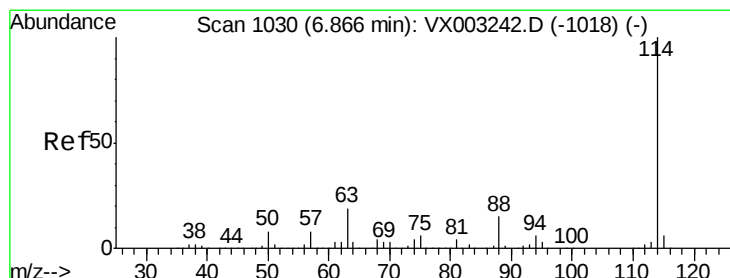
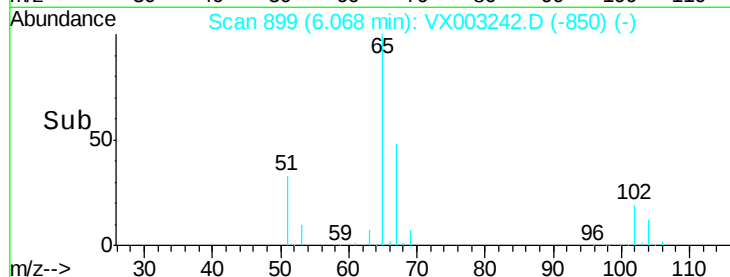
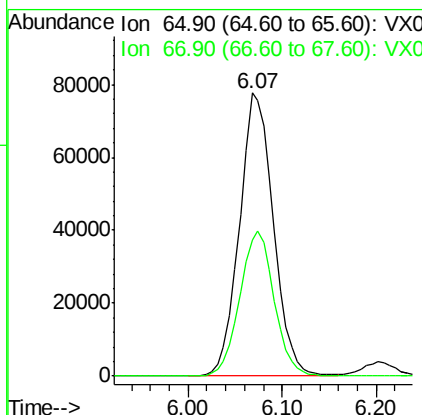
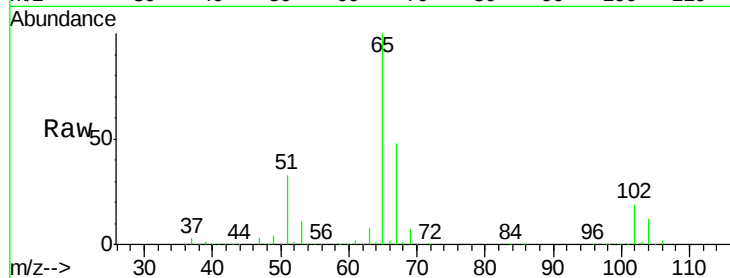




#33
 1,2-Dichloroethane-d4
 Concen: 55.98 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

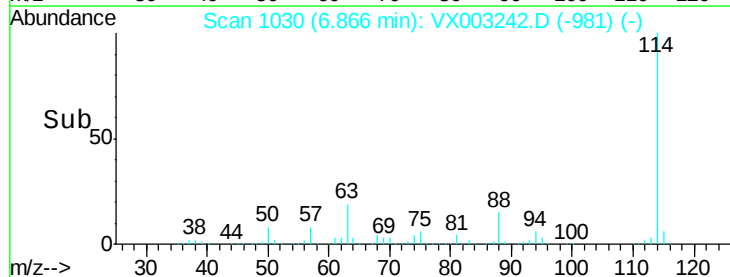
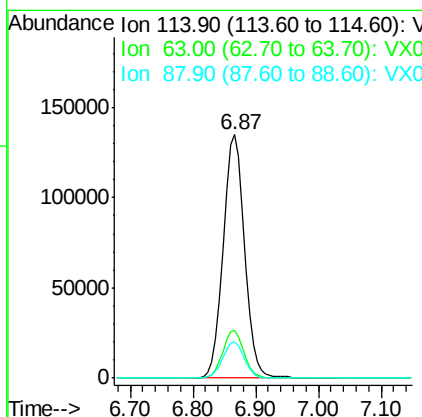
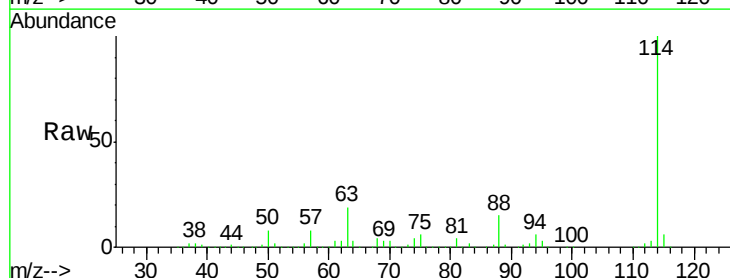
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

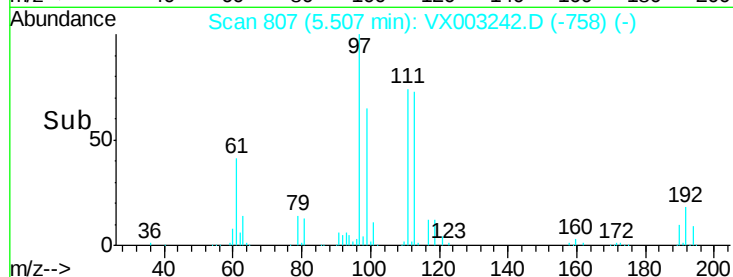
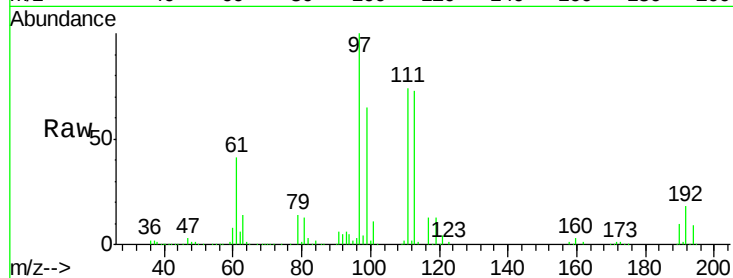
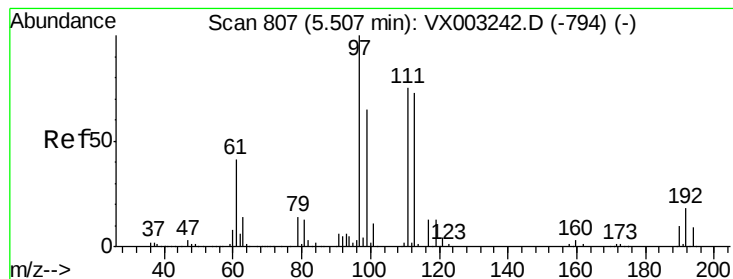
Tot Ion: 65 Resp: 196286
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

Tgt Ion: 114 Resp: 318509
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.4
 88 14.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 65.24 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

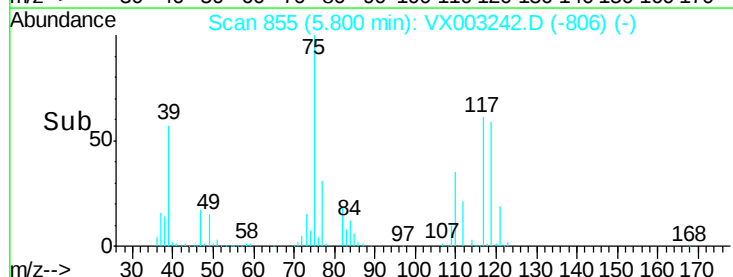
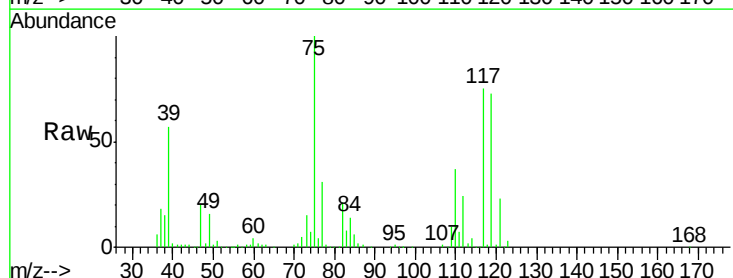
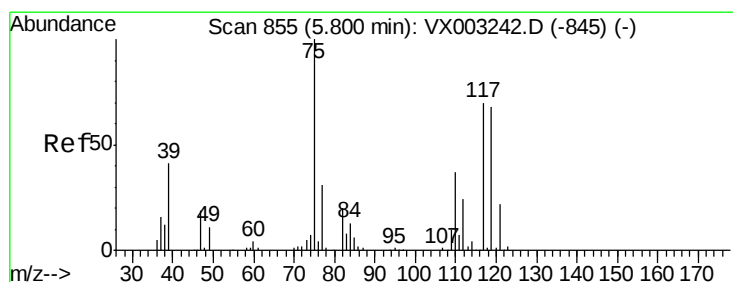
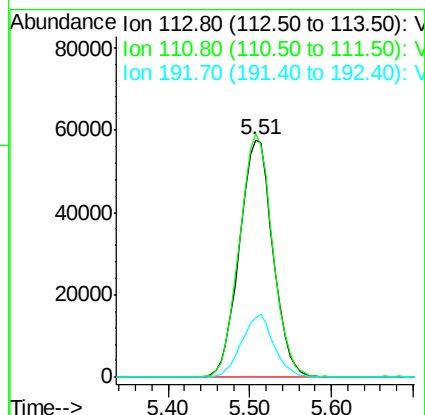
Tot Ion:113 Resp: 164547

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 25.6 19.1 28.7



#36

1,1-Dichloropropene

Concen: 62.78 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

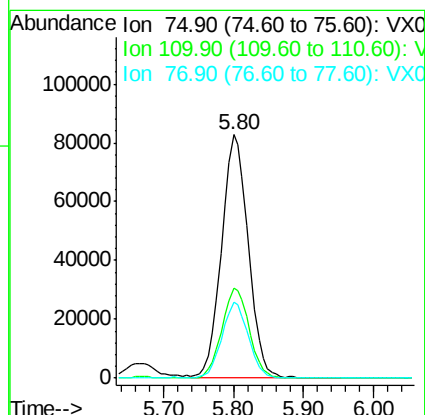
Tgt Ion: 75 Resp: 219286

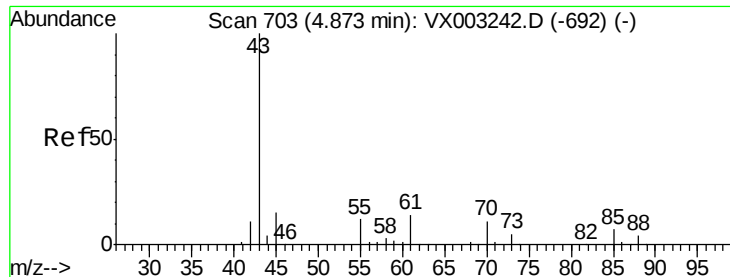
Ion Ratio Lower Upper

75 100

110 37.7 18.1 54.4

77 30.9 24.3 36.5





#37

Ethyl Acetate

Concen: 62.44 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

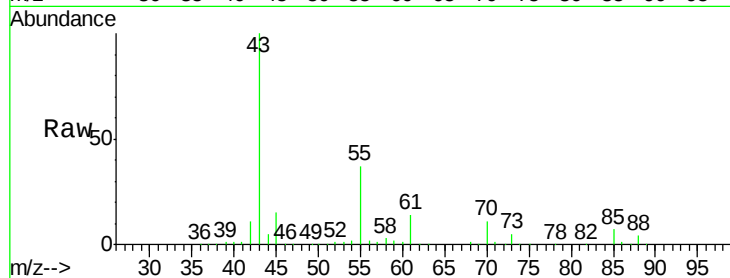
Tot Ion: 43 Resp: 234826

Ion Ratio Lower Upper

43 100

61 14.1 10.4 15.6

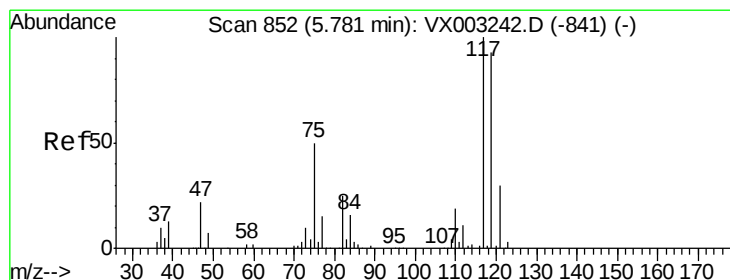
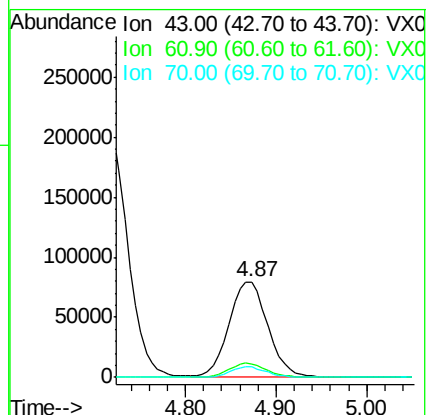
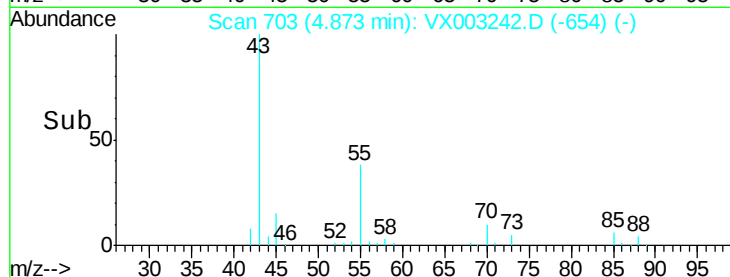
70 10.6 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX003242.D (-692) (-)

Ion 60.90 (60.60 to 61.60): VX003242.D (-692) (-)

Ion 70.00 (69.70 to 70.70): VX003242.D (-692) (-)



#38

Carbon Tetrachloride

Concen: 63.57 ug/l

RT: 5.78 min Scan# 852

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

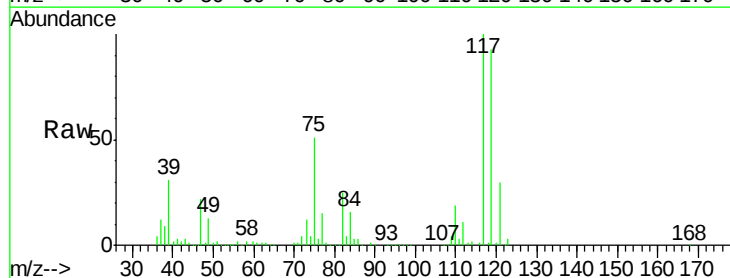
Tgt Ion: 117 Resp: 243667

Ion Ratio Lower Upper

117 100

119 92.9 77.4 116.0

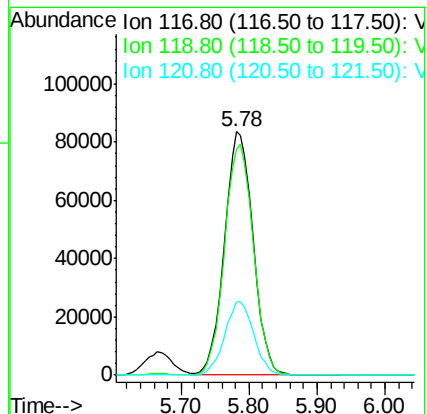
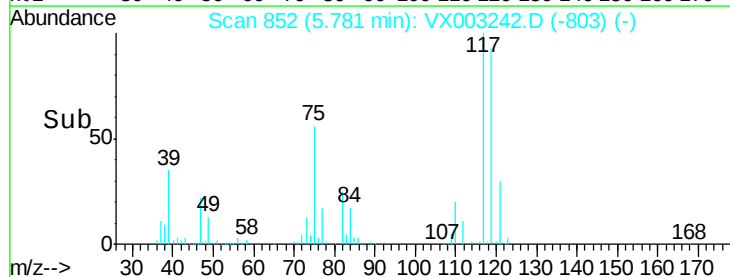
121 30.3 24.4 36.6

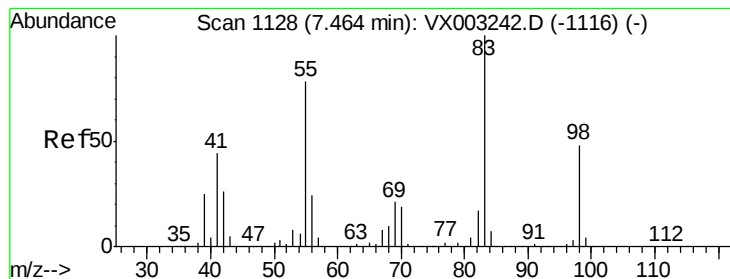


Abundance Ion 116.80 (116.50 to 117.50): VX003242.D (-841) (-)

Ion 118.80 (118.50 to 119.50): VX003242.D (-841) (-)

Ion 120.80 (120.50 to 121.50): VX003242.D (-841) (-)





#39

Methvlcvclohexane

Concen: 63.35 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

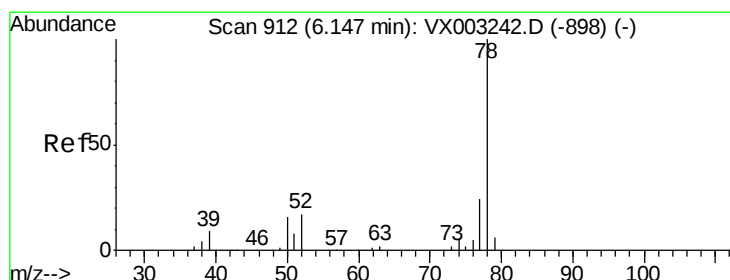
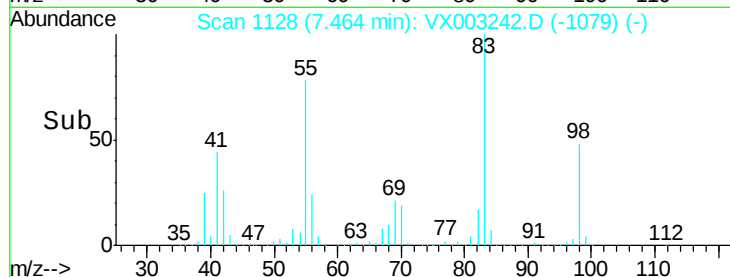
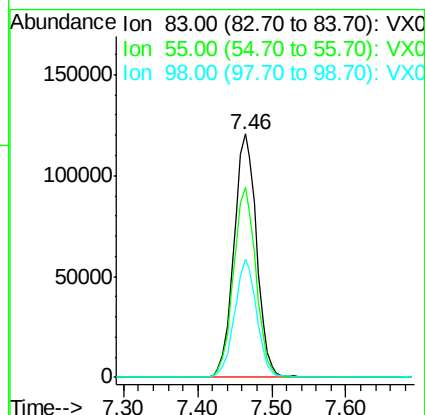
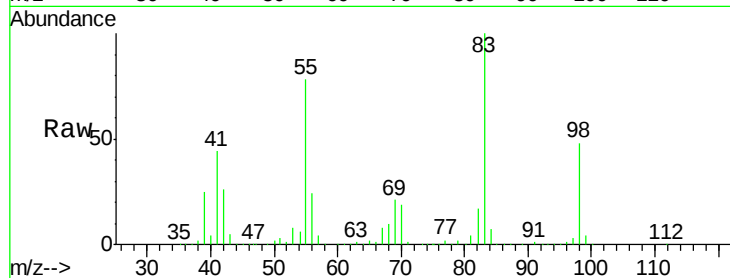
Tot Ion: 83 Resp: 257737

Ion Ratio Lower Upper

83 100

55 78.1 65.4 98.0

98 48.3 37.4 56.0



#40

Benzene

Concen: 63.63 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX003242.D

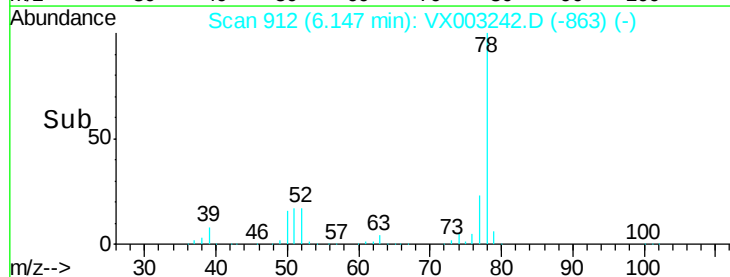
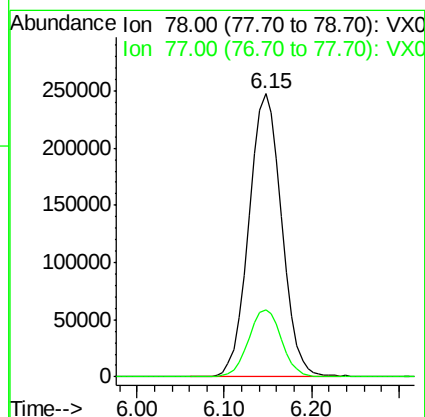
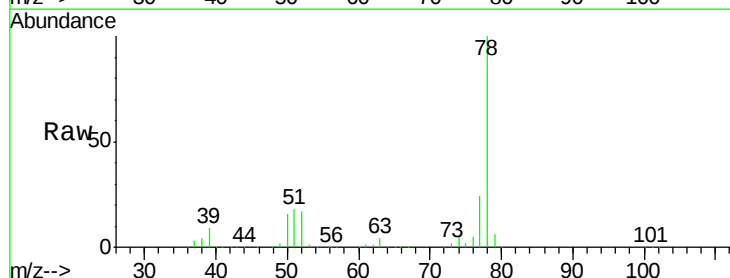
Acq: 09 Jul 2018 12:43

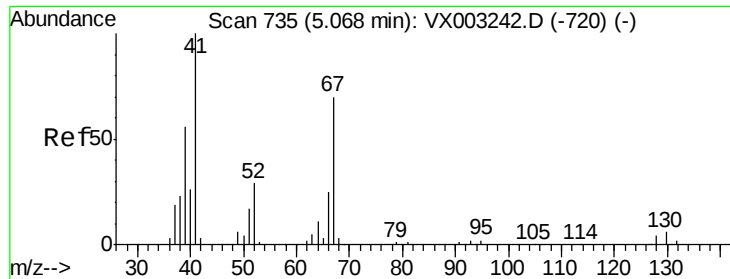
Tgt Ion: 78 Resp: 645781

Ion Ratio Lower Upper

78 100

77 23.8 19.1 28.7

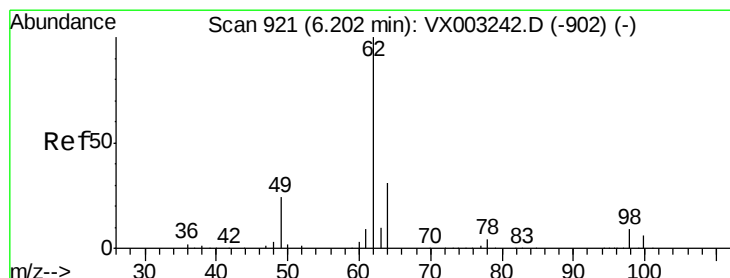
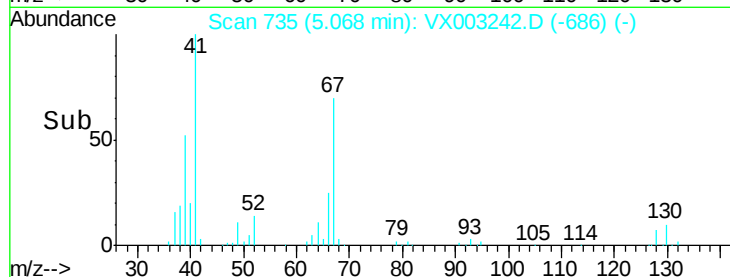
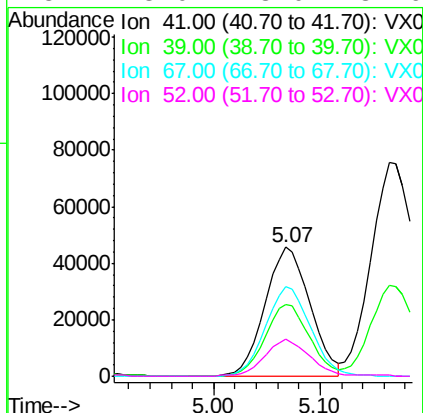
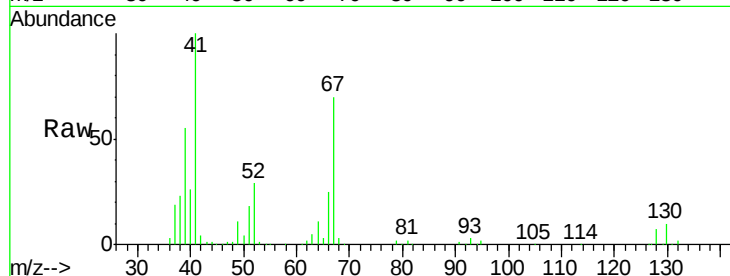




#41
Methacrylonitrile
Concen: 61.42 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

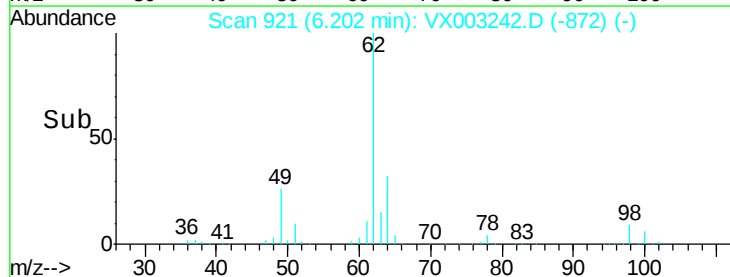
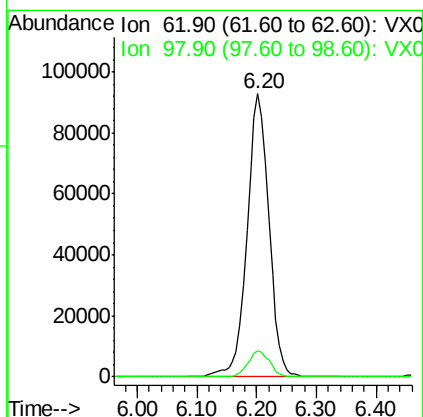
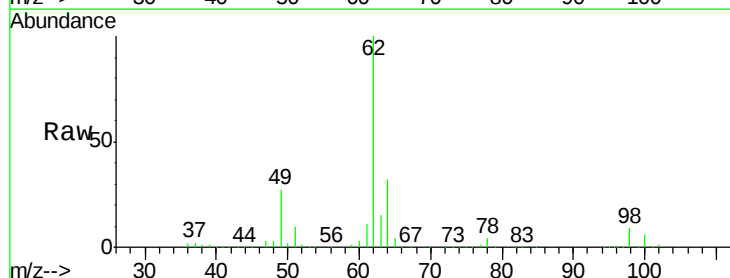
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

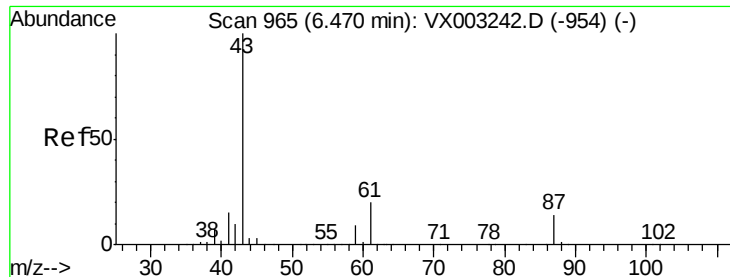
Tot Ion:	41	Resp:	133005
Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.8	68.6
67	70.6	51.3	76.9
52	28.0	23.0	34.6



#42
1,2-Dichloroethane
Concen: 57.99 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion:	62	Resp:	237737
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	16.6





#43

Isopropyl Acetate

Concen: 60.15 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

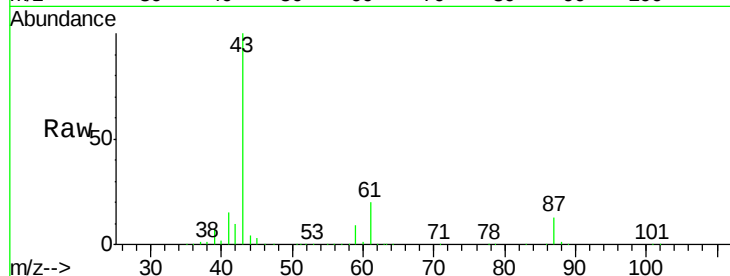
Tot Ion: 43 Resp: 379387

Ion Ratio Lower Upper

43 100

61 19.2 14.4 21.6

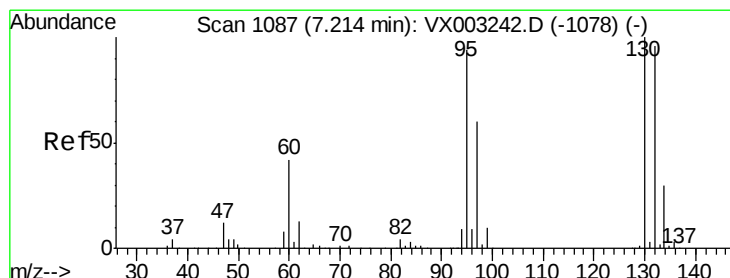
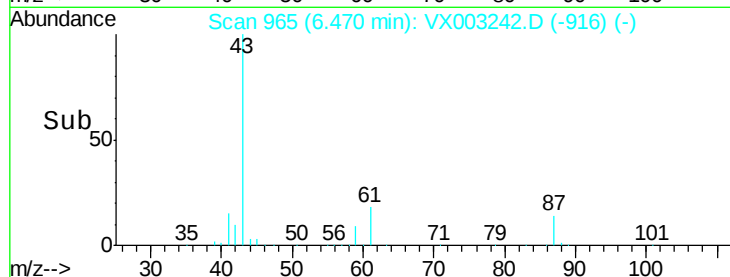
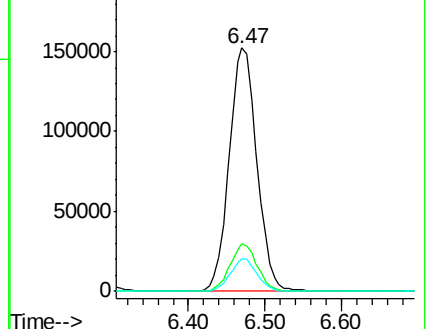
87 13.0 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX003242.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VX003242.D (-954) (-)

Ion 87.00 (86.70 to 87.70): VX003242.D (-954) (-)



#44

Trichloroethene

Concen: 63.60 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003242.D

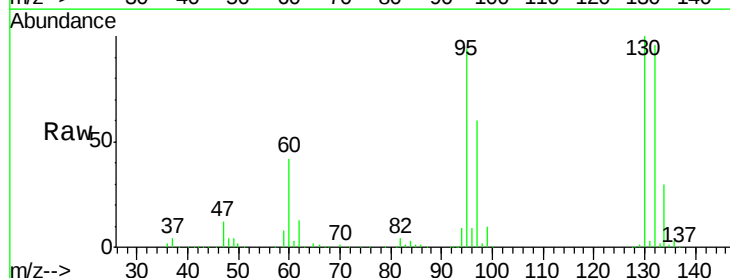
Acq: 09 Jul 2018 12:43

Tgt Ion:130 Resp: 192435

Ion Ratio Lower Upper

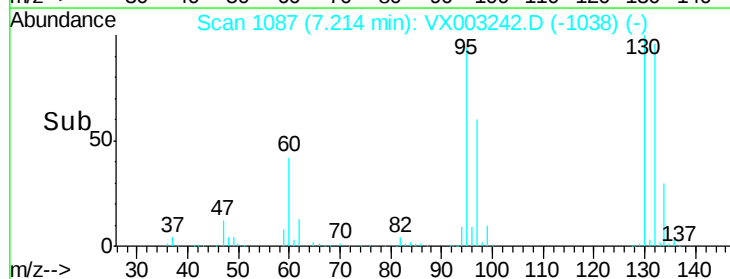
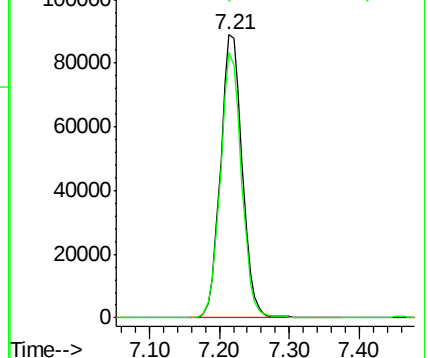
130 100

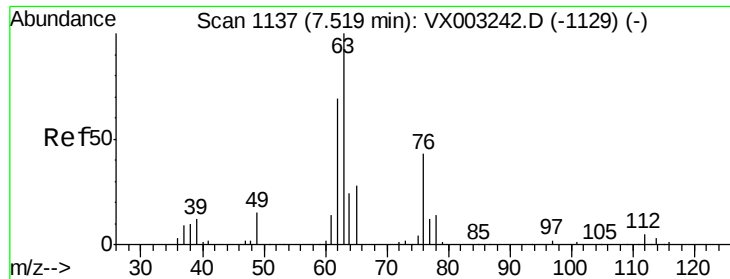
95 93.7 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VX003242.D (-1078) (-)

Ion 94.90 (94.60 to 95.60): VX003242.D (-1078) (-)

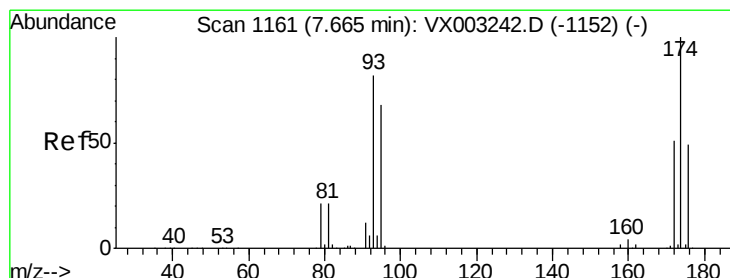
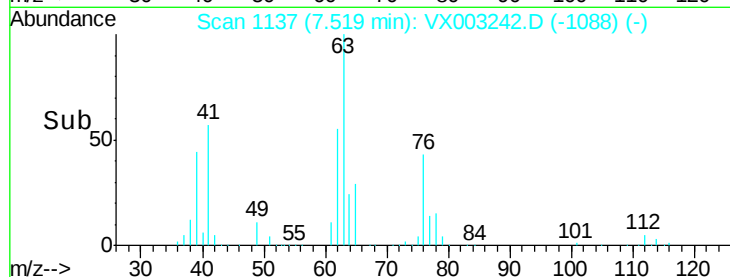
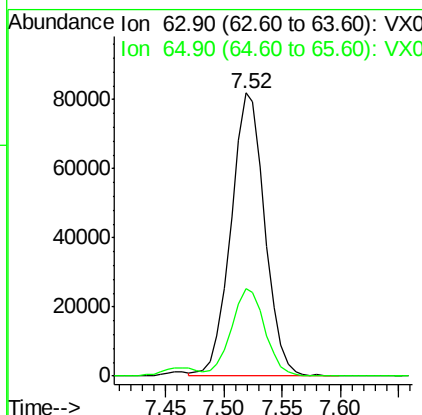
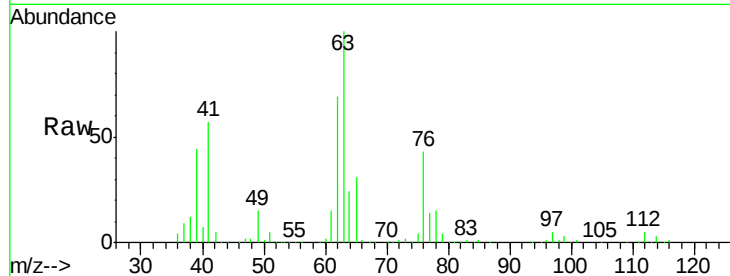




#45
 1,2-Dichloropropane
 Concen: 61.04 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

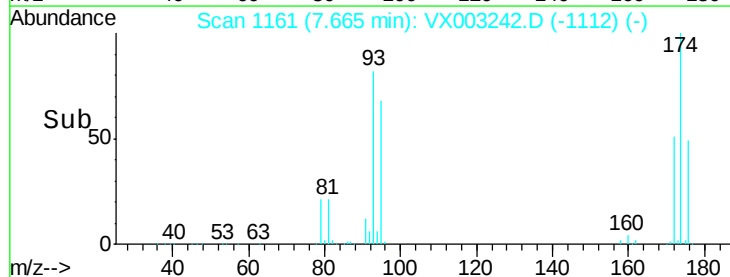
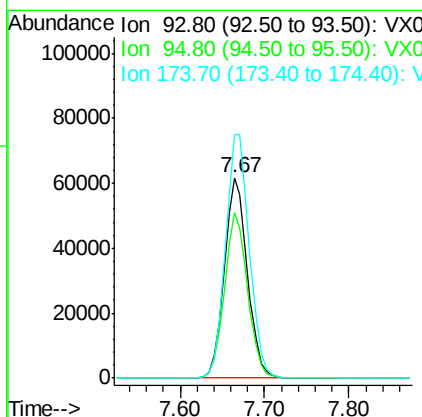
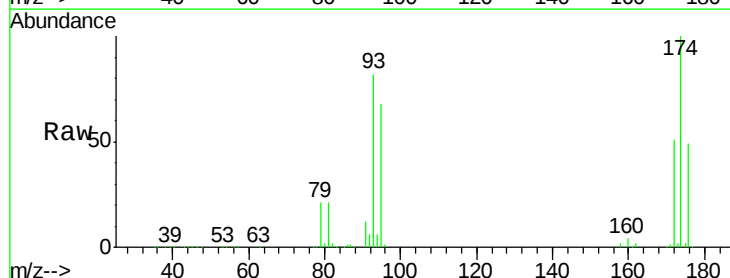
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

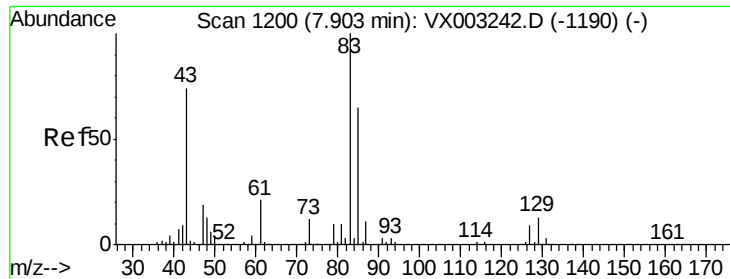
Tot Ion: 63 Resp: 164326
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1



#46
 Dibromomethane
 Concen: 61.64 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

Tgt Ion: 93 Resp: 115157
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.9 98.9
 174 125.9 92.4 138.6





#47

Bromodichloromethane

Concen: 63.19 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

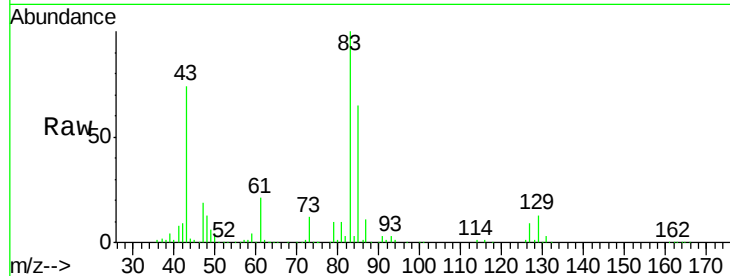
Tot Ion: 83 Resp: 218236

Ion Ratio Lower Upper

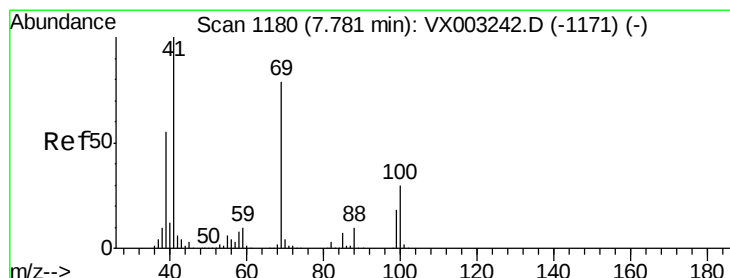
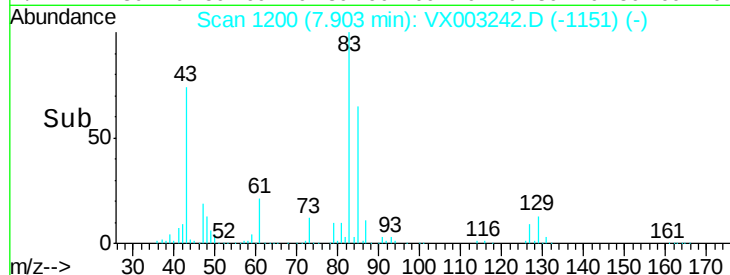
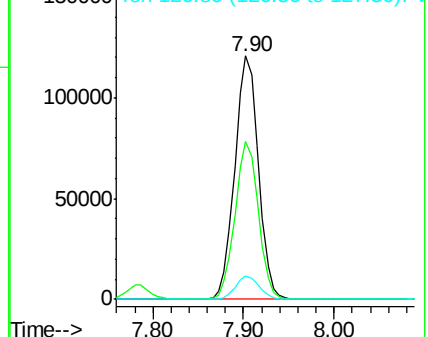
83 100

85 65.0 50.3 75.5

127 9.4 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: 61.46 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

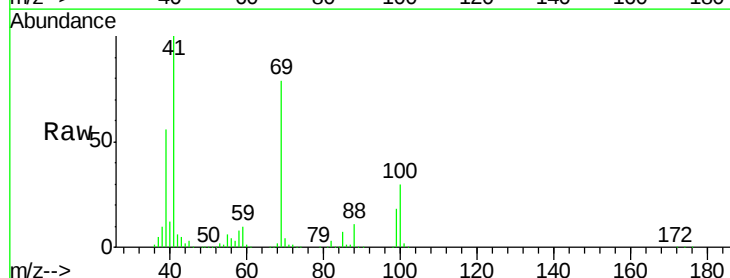
Tgt Ion: 41 Resp: 199728

Ion Ratio Lower Upper

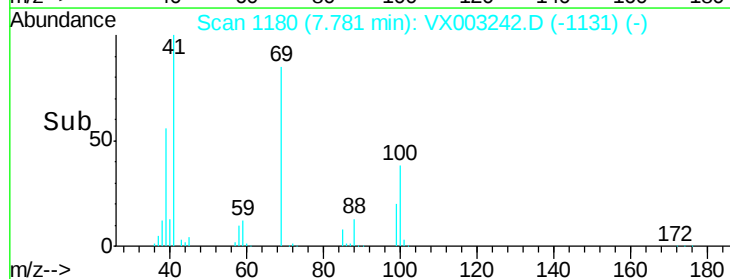
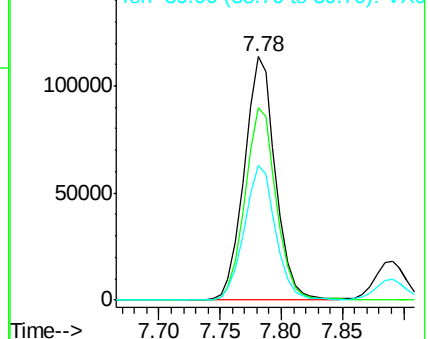
41 100

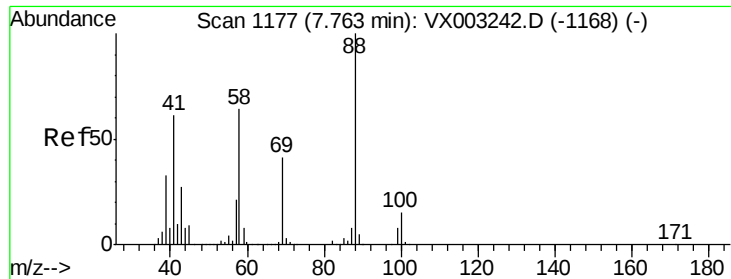
69 79.4 59.1 88.7

39 55.4 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

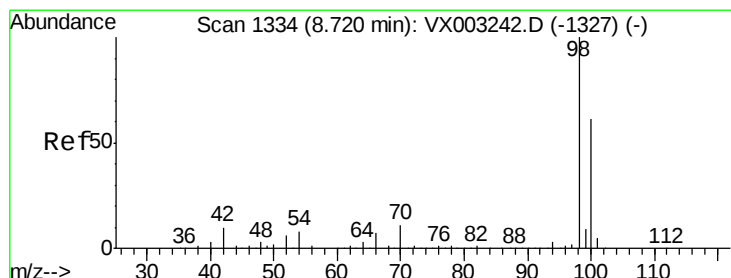
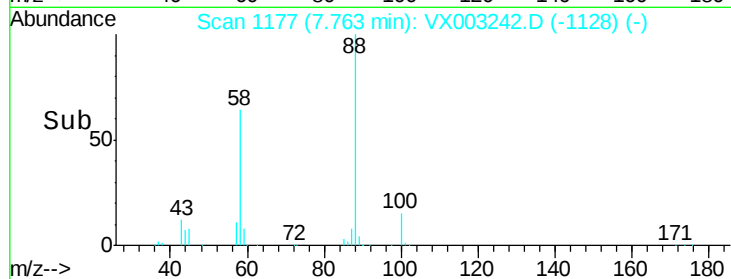
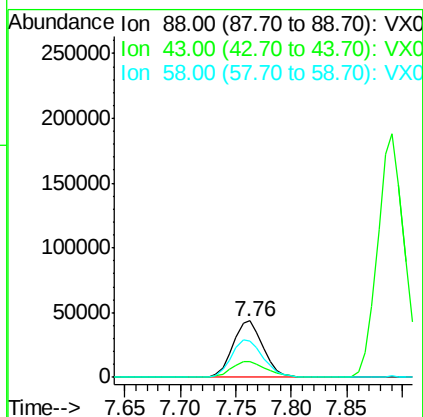
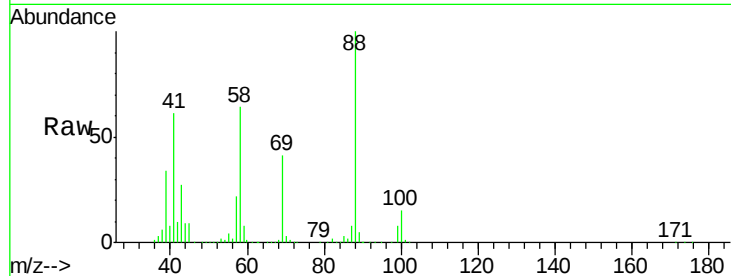




#49
1,4-Dioxane
Concen: 1300.22 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

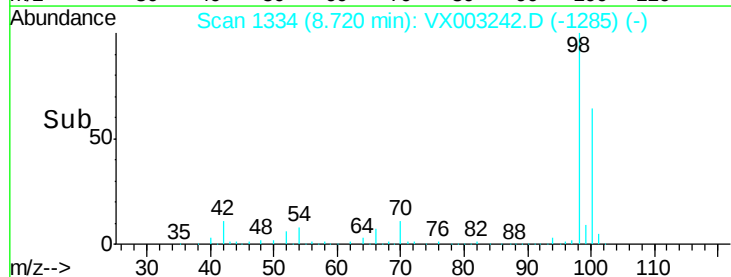
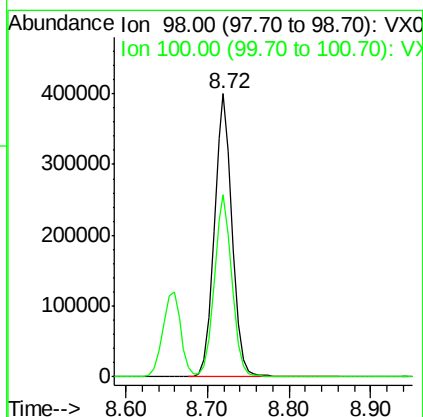
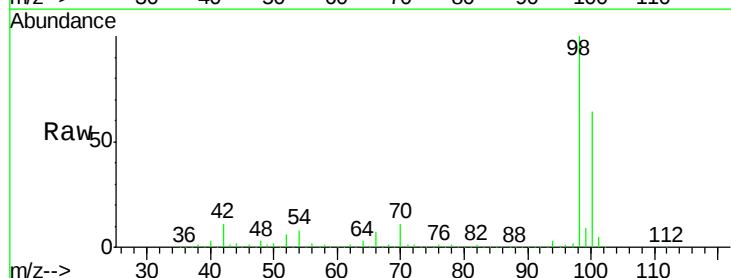
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

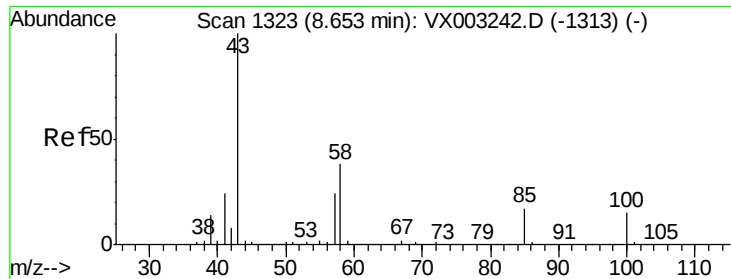
Tot Ion: 88 Resp: 82211
Ion Ratio Lower Upper
88 100
43 32.7 29.8 44.6
58 70.4 57.1 85.7



#50
Toluene-d8
Concen: 66.44 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion: 98 Resp: 611975
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 310.45 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

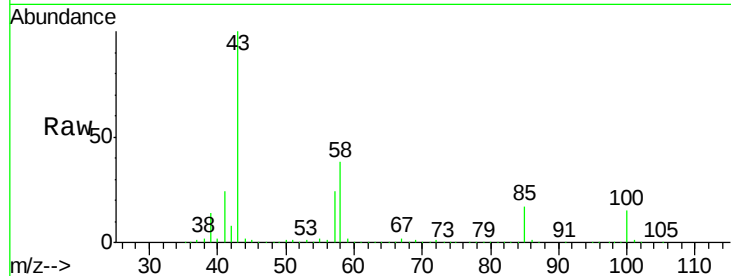
VSTDICCC050

Tot Ion: 43 Resp: 1225103

Ion Ratio Lower Upper

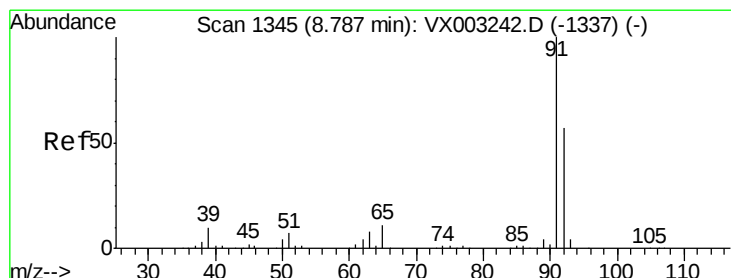
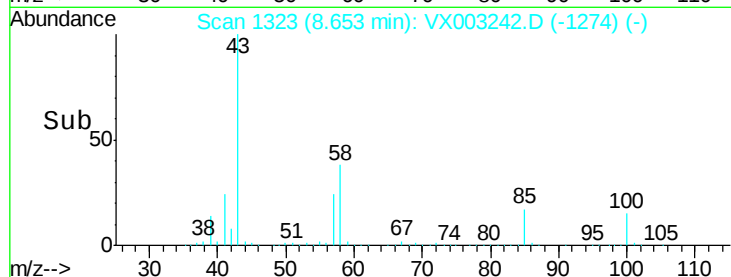
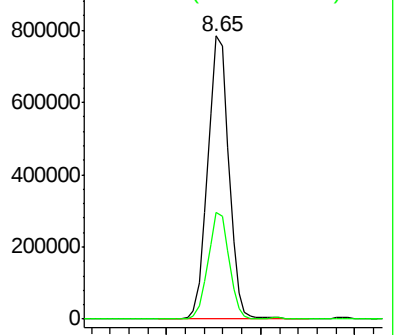
43 100

58 37.5 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: 64.14 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003242.D

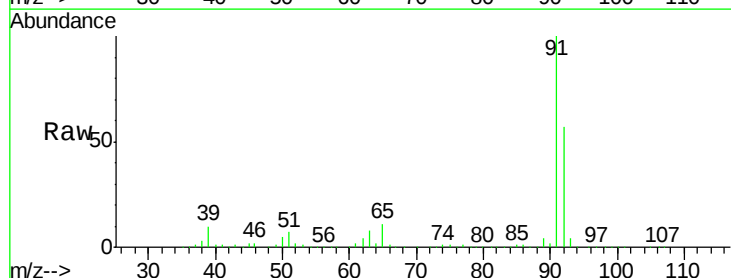
Acq: 09 Jul 2018 12:43

Tgt Ion: 92 Resp: 416976

Ion Ratio Lower Upper

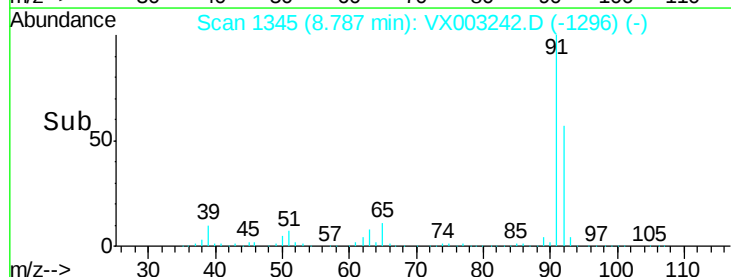
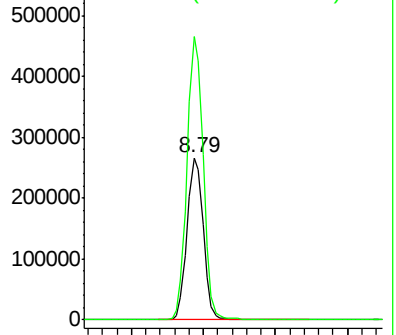
92 100

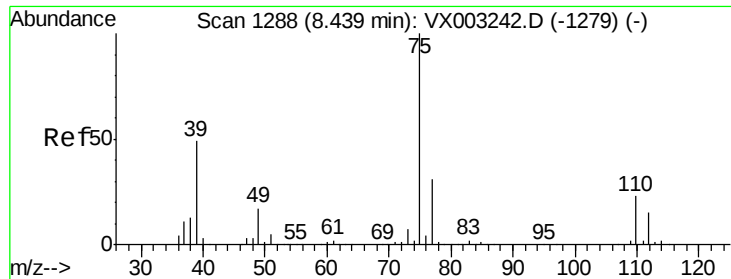
91 173.9 140.4 210.6



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: 66.93 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

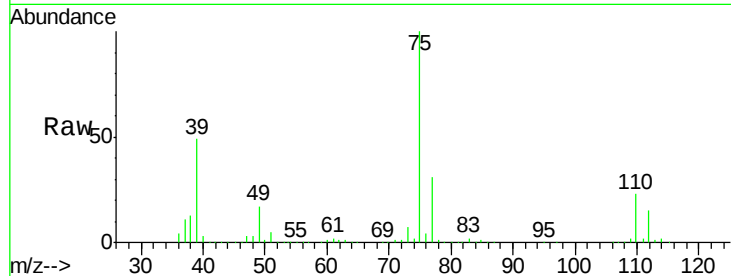
VSTDICCC050

Tot Ion: 75 Resp: 261788

Ion Ratio Lower Upper

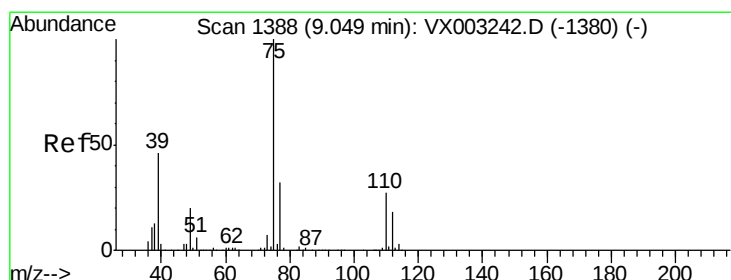
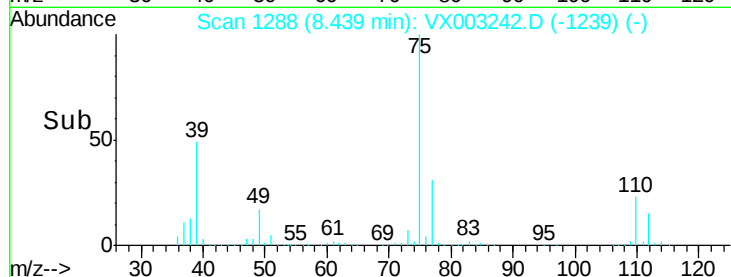
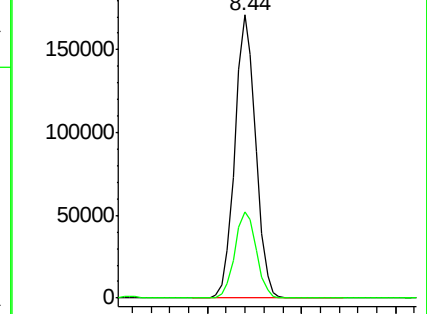
75 100

77 30.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 63.50 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

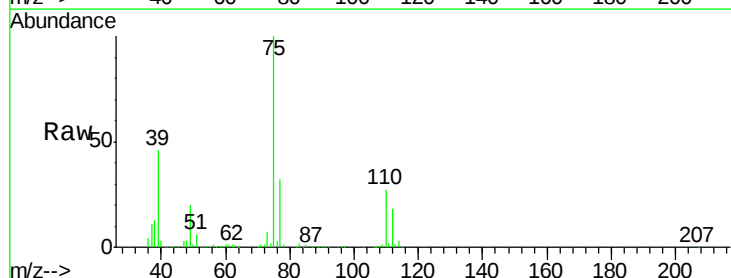
Tgt Ion: 75 Resp: 239009

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

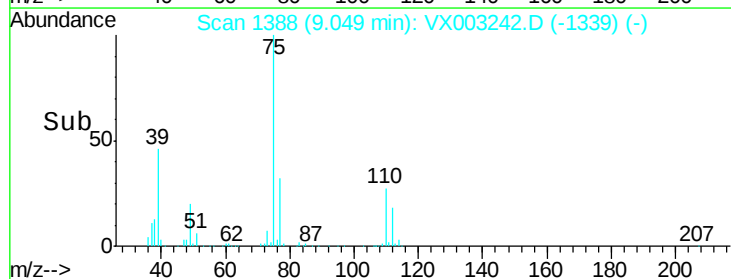
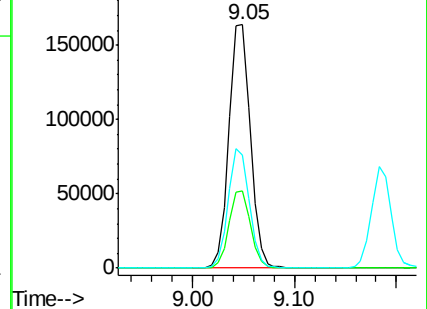
39 46.3 42.4 63.6

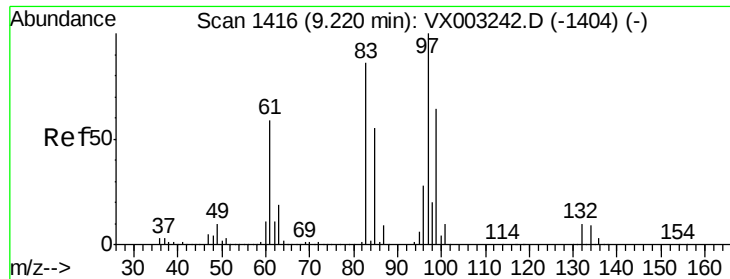


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



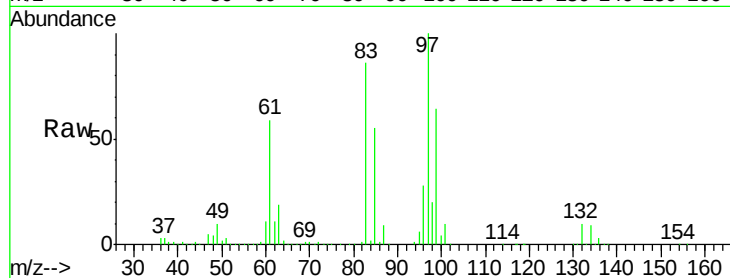


#55
 1,1,2-Trichloroethane
 Concen: 63.11 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

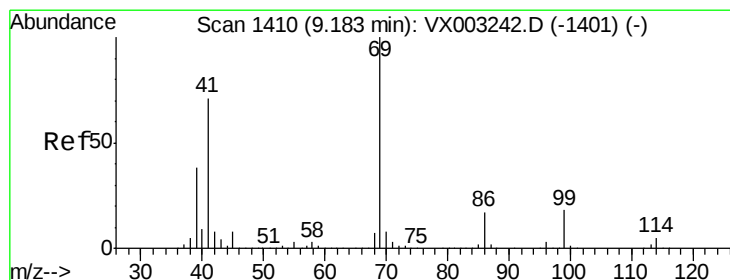
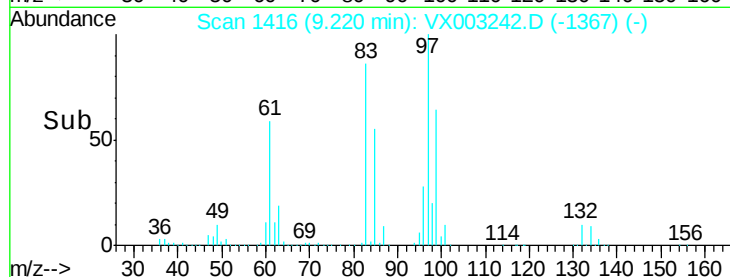
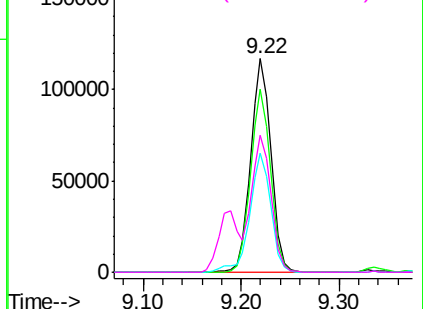
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 97 Resp: 168603

Ion	Ratio	Lower	Upper
97	100		
83	85.9	70.2	105.2
85	55.5	44.9	67.3
99	64.0	49.8	74.8



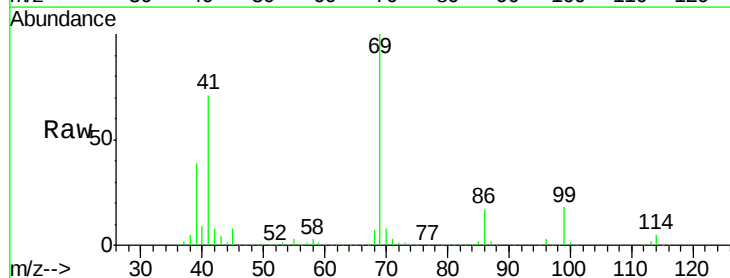
Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



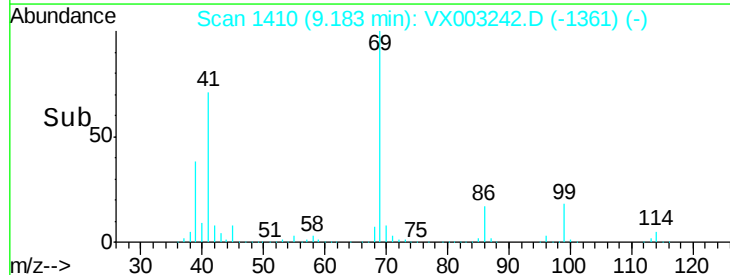
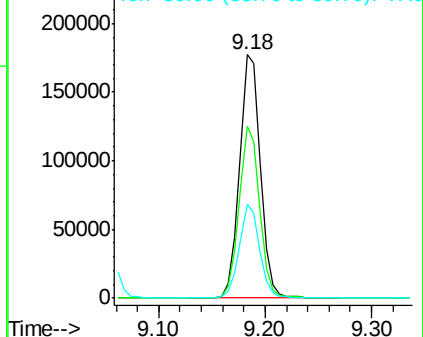
#56
 Ethyl methacrylate
 Concen: 62.83 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

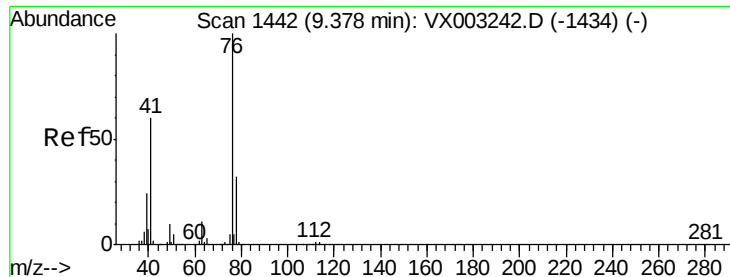
Tgt Ion: 69 Resp: 245337

Ion	Ratio	Lower	Upper
69	100		
41	69.3	60.3	90.5
39	37.3	35.8	53.8



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





#57

1,3-Dichloropropane

Concen: 62.45 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

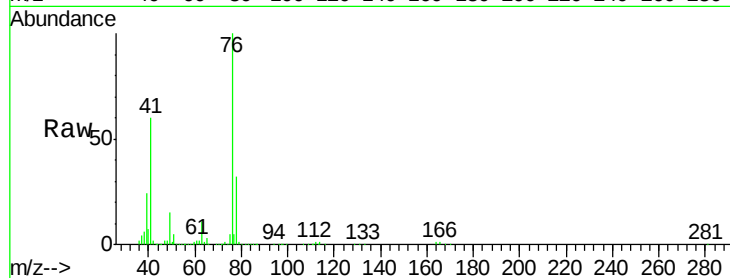
VSTDICCC050

Tot Ion: 76 Resp: 274001

Ion Ratio Lower Upper

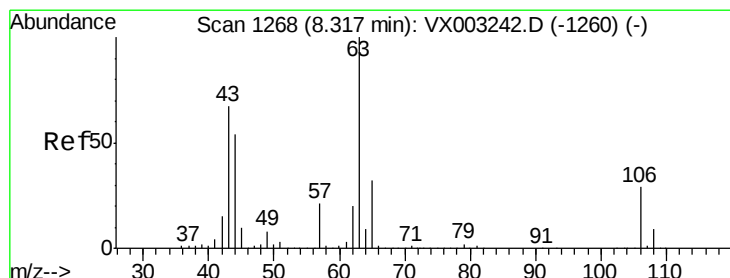
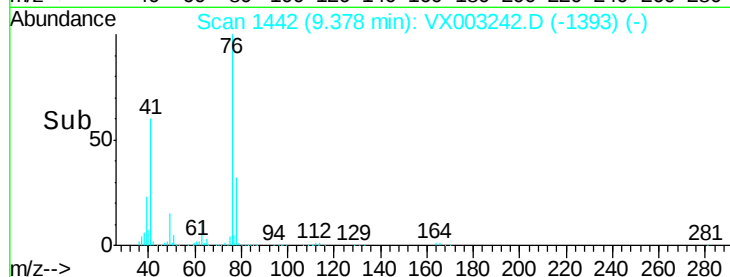
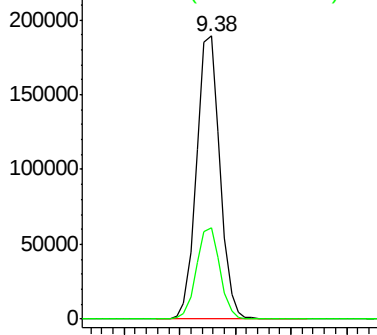
76 100

78 32.6 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 327.46 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003242.D

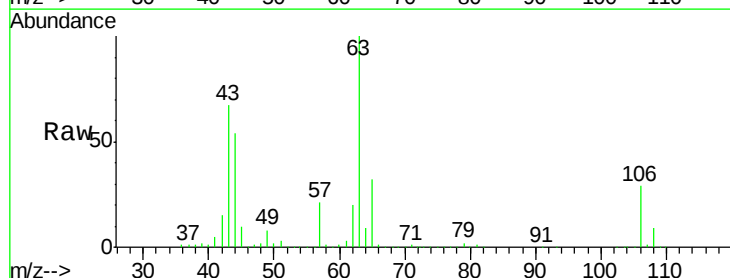
Acq: 09 Jul 2018 12:43

Tgt Ion: 63 Resp: 616822

Ion Ratio Lower Upper

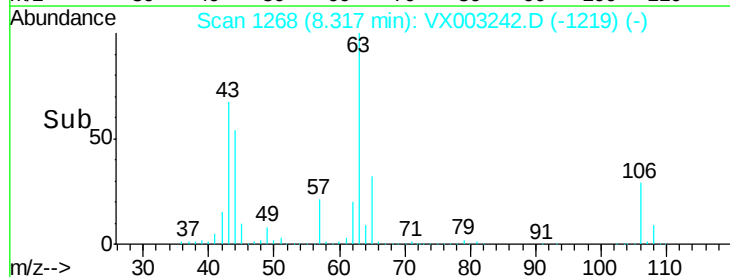
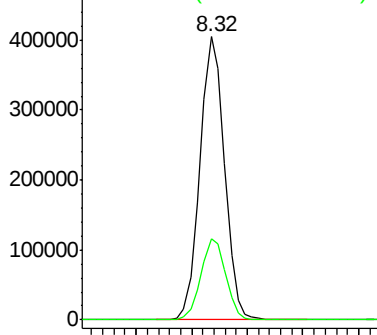
63 100

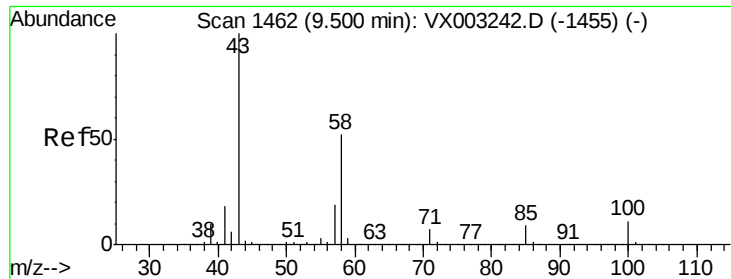
106 29.2 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

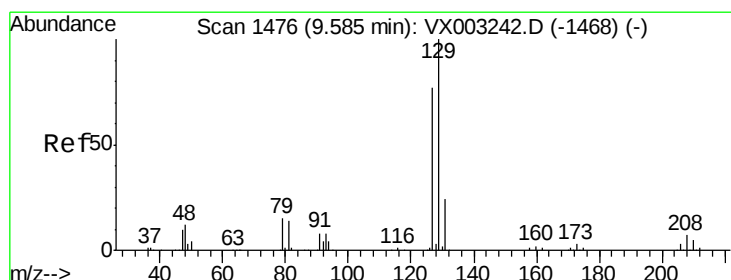
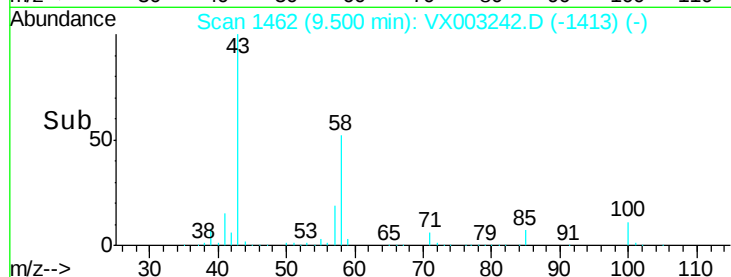
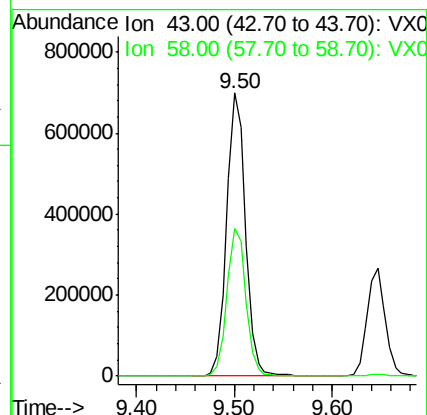
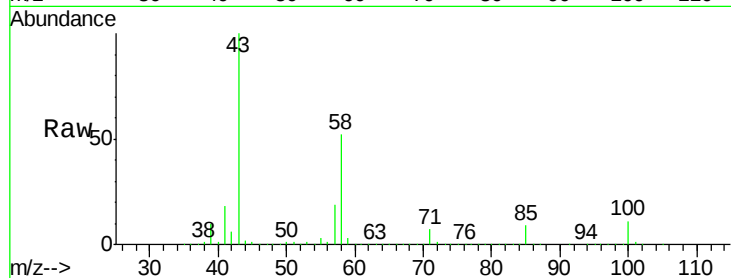




#59
2-Hexanone
Concen: 312.16 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

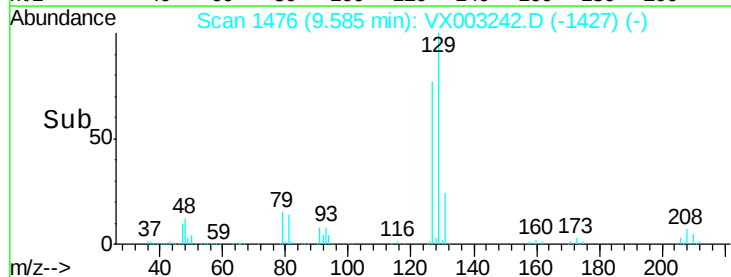
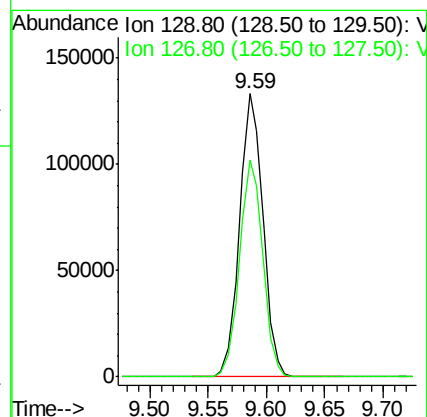
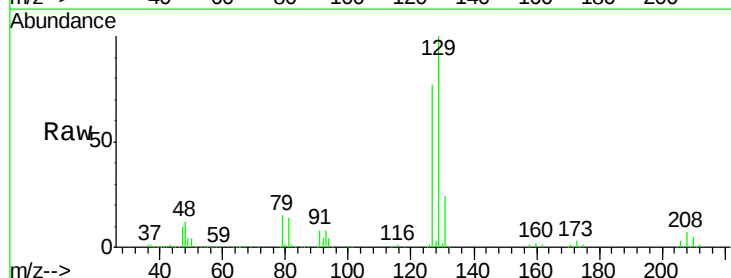
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

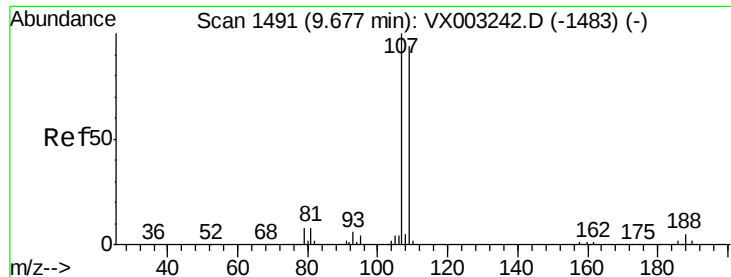
Tot Ion: 43 Resp: 936206
Ion Ratio Lower Upper
43 100
58 52.5 24.6 73.6



#60
Dibromochloromethane
Concen: 66.56 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion: 129 Resp: 187180
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 64.26 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

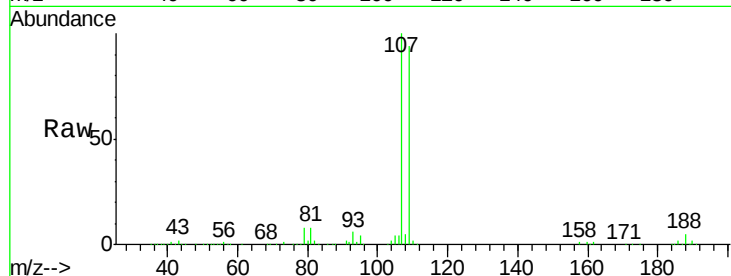
VSTDICCC050

Tot Ion:107 Resp: 180065

Ion Ratio Lower Upper

107 100

109 95.1 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

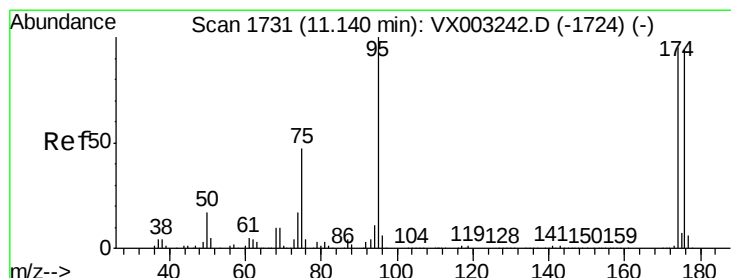
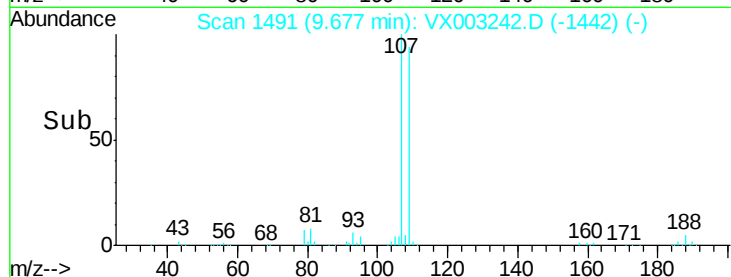
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 64.47 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

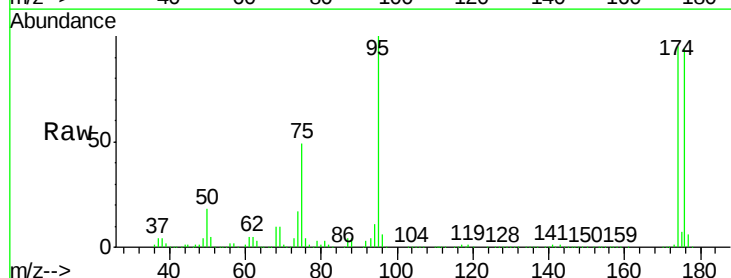
Tgt Ion: 95 Resp: 229014

Ion Ratio Lower Upper

95 100

174 98.7 0.0 187.4

176 97.2 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

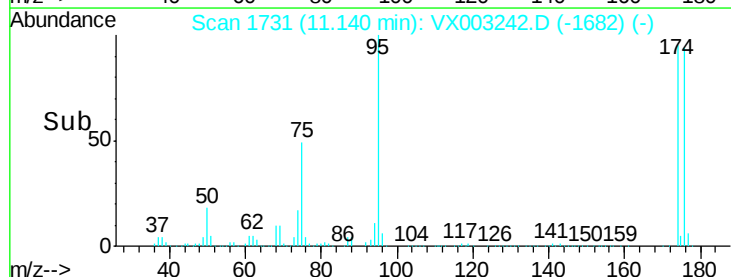
150000

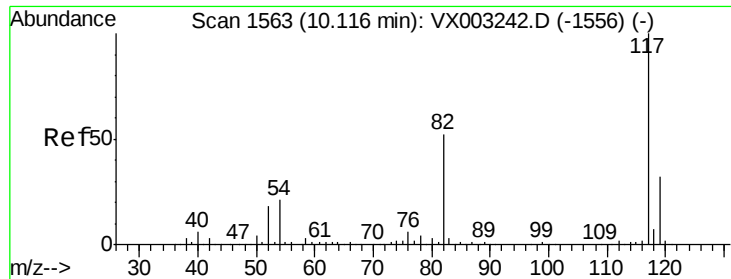
100000

50000

0

Time-->

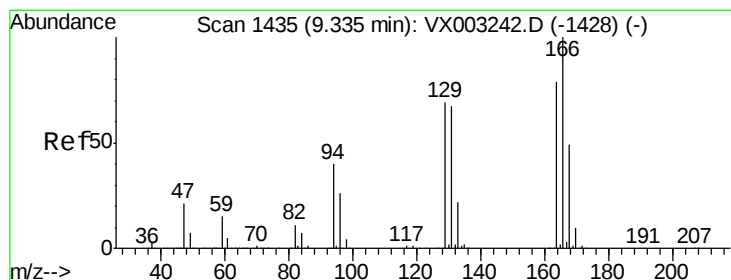
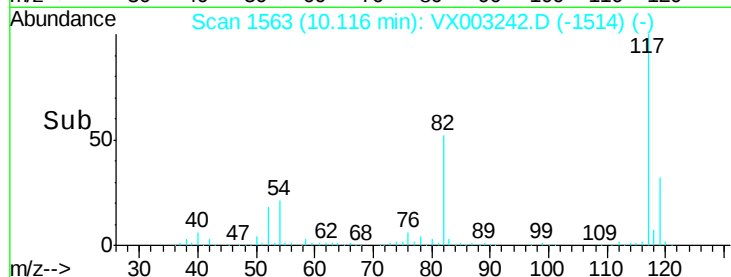
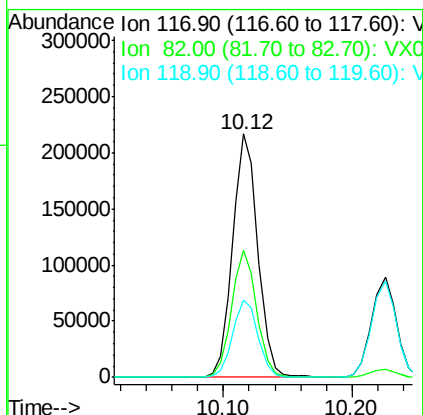
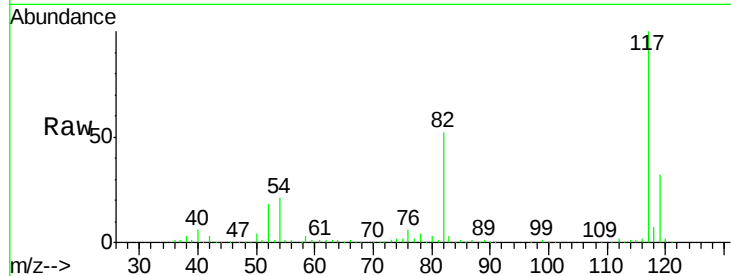




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

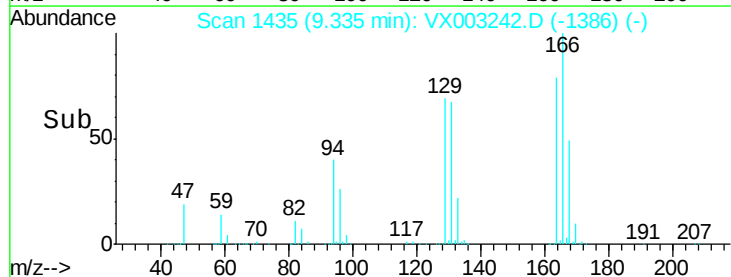
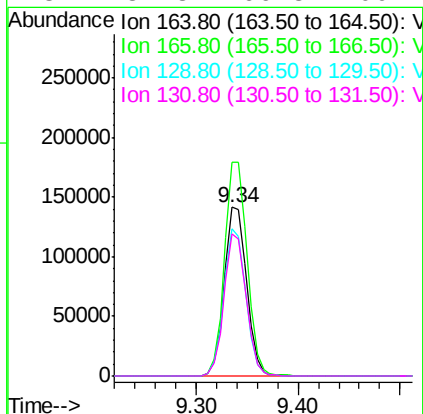
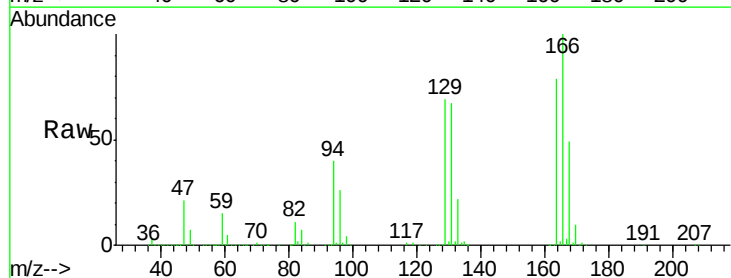
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

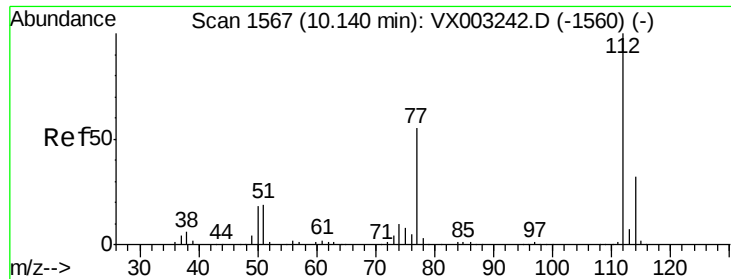
Tot Ion:117 Resp: 296540
Ion Ratio Lower Upper
117 100
82 52.4 45.0 67.4
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 65.12 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion:164 Resp: 214719
Ion Ratio Lower Upper
164 100
166 126.2 102.9 154.3
129 87.1 68.6 102.8
131 84.3 66.8 100.2

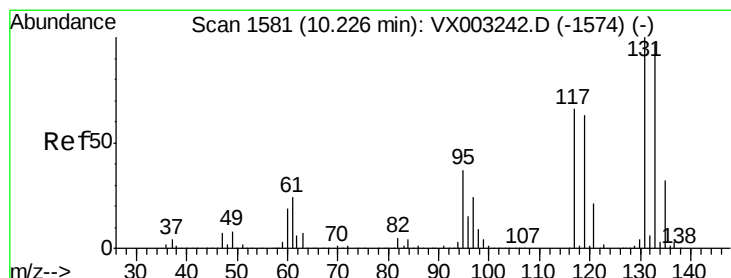
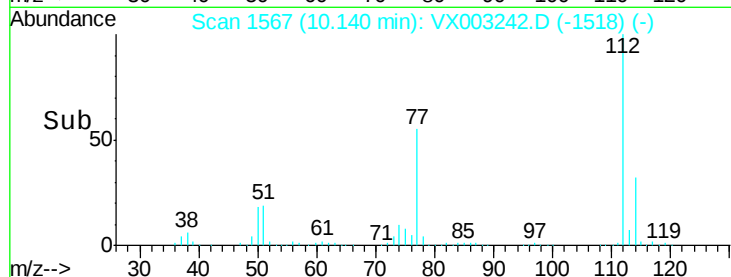
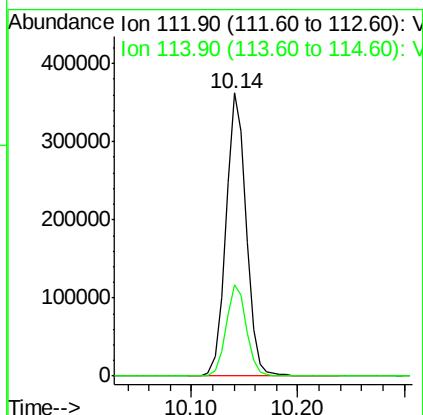
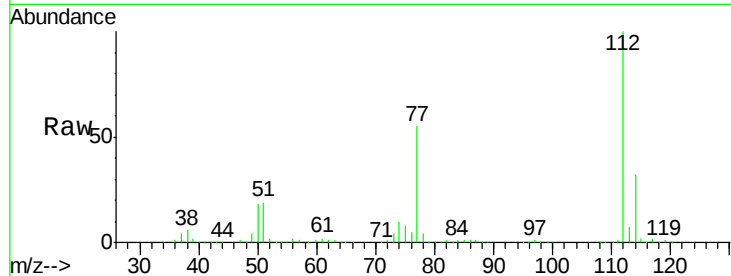




#65
Chlorobenzene
Concen: 64.11 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

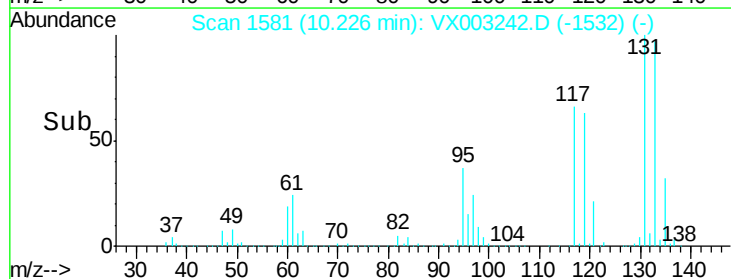
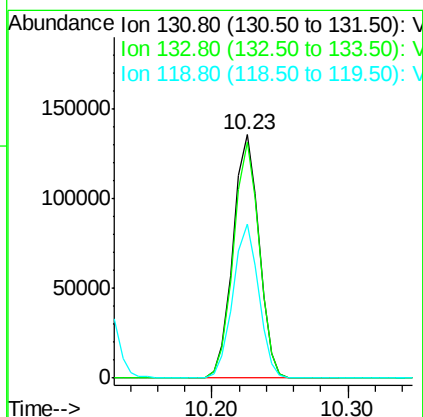
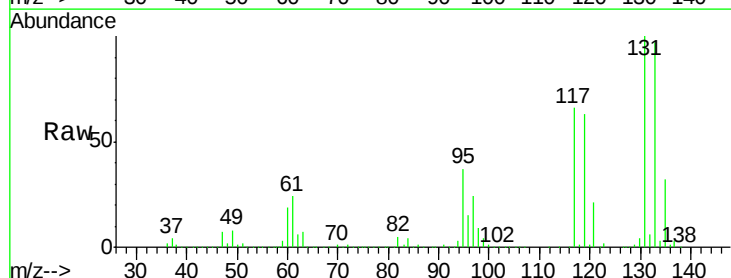
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

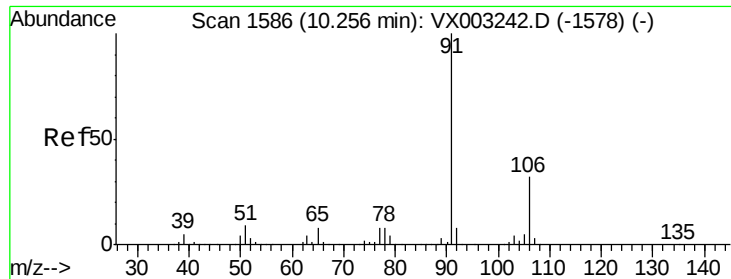
Tot Ion:112 Resp: 482909
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 65.99 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion:131 Resp: 180551
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.6
119 62.9 31.8 95.3

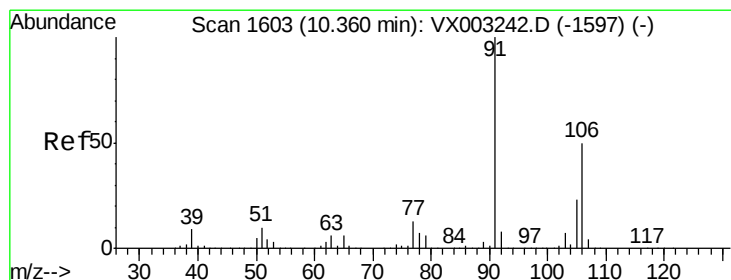
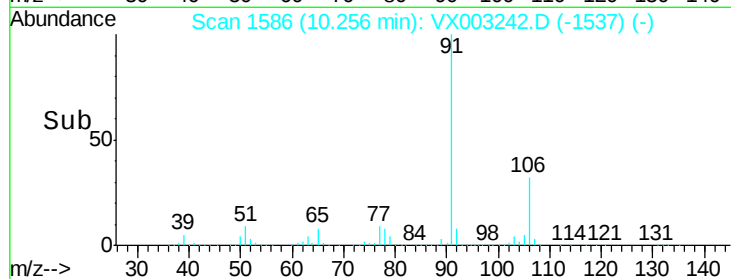
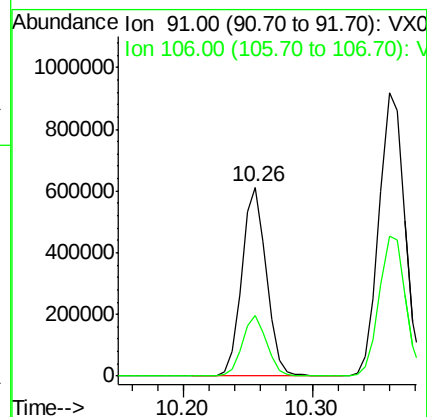
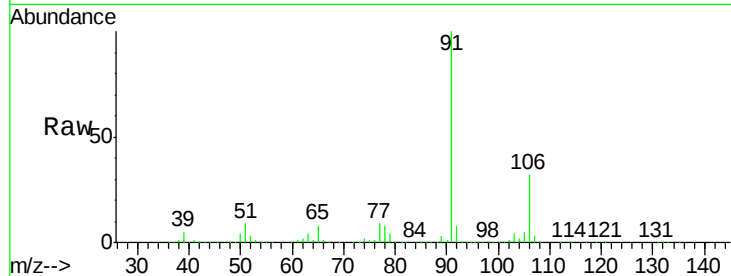




#67
Ethyl Benzene
Concen: 65.16 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

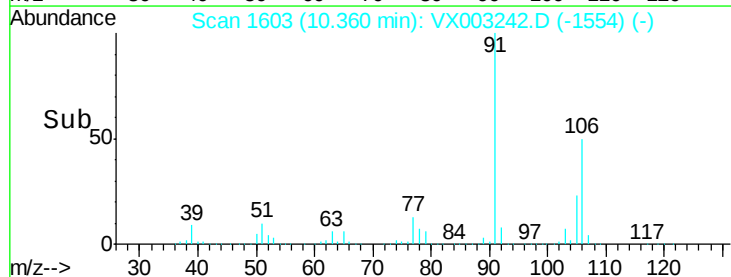
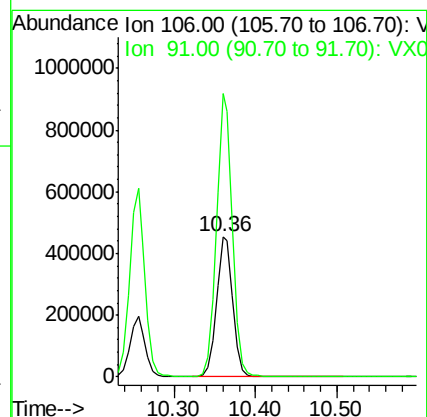
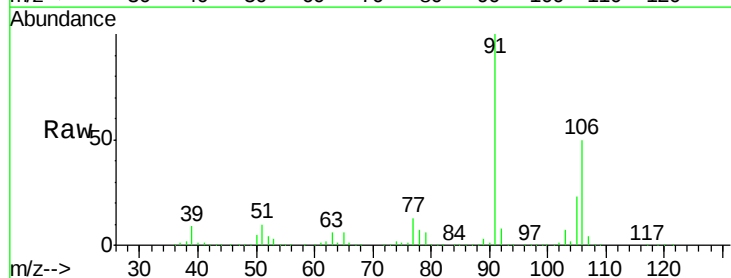
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

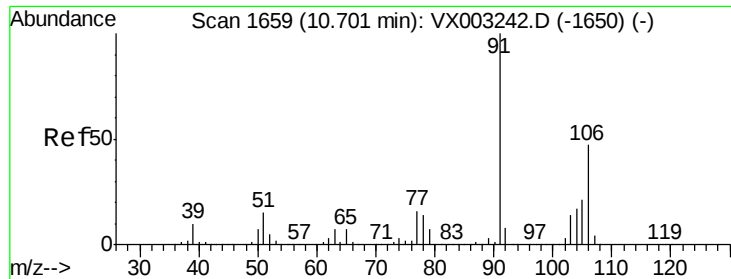
Tot Ion: 91 Resp: 810703
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 133.08 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion: 106 Resp: 638167
Ion Ratio Lower Upper
106 100
91 198.9 163.4 245.2

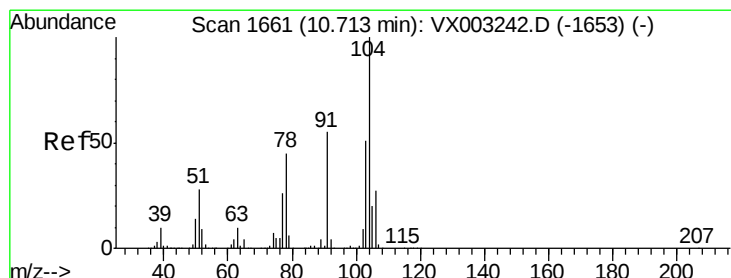
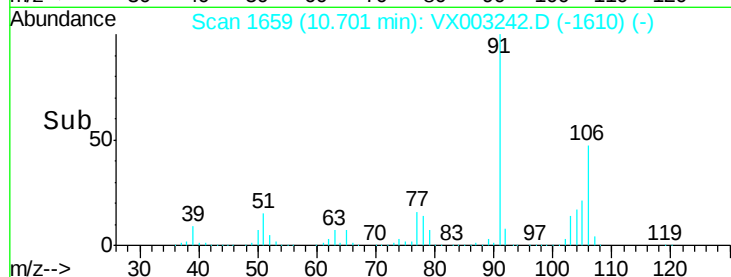
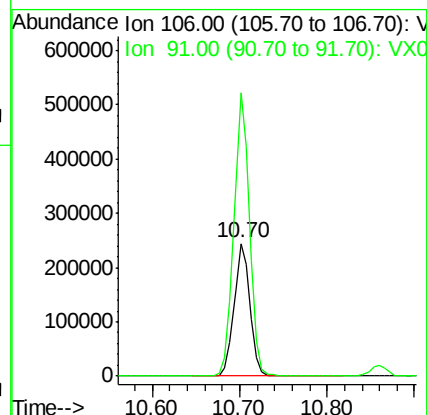
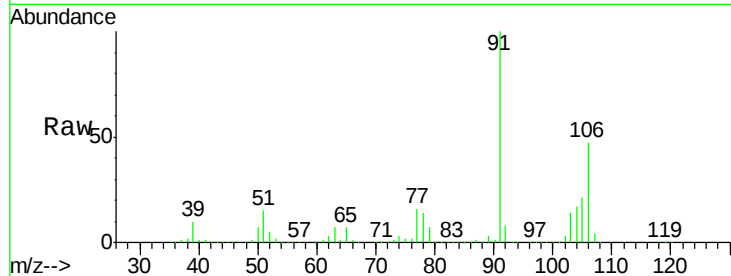




#69
o-Xylene
Concen: 65.81 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

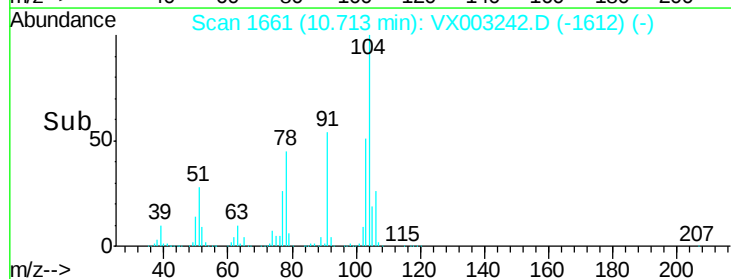
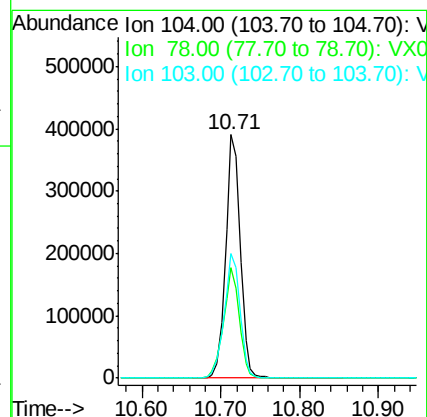
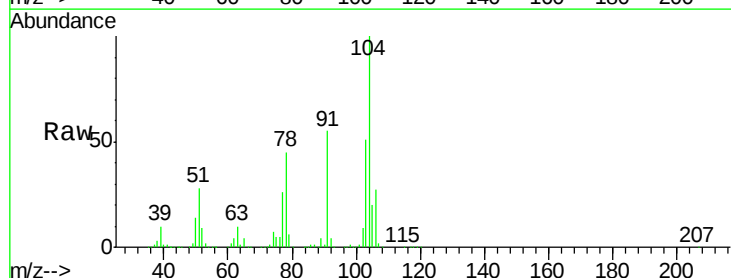
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

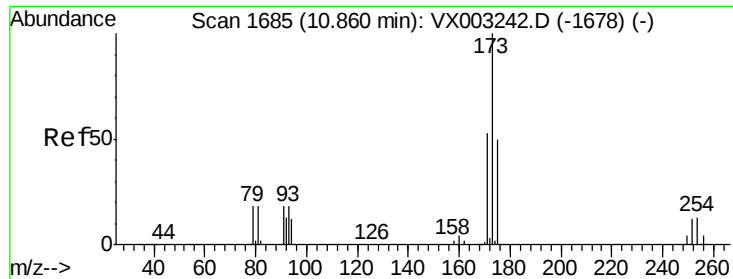
Tot Ion:106 Resp: 307300
Ion Ratio Lower Upper
106 100
91 212.1 108.2 324.6



#70
Styrene
Concen: 66.76 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion:104 Resp: 506527
Ion Ratio Lower Upper
104 100
78 49.1 41.0 61.6
103 55.5 44.2 66.4

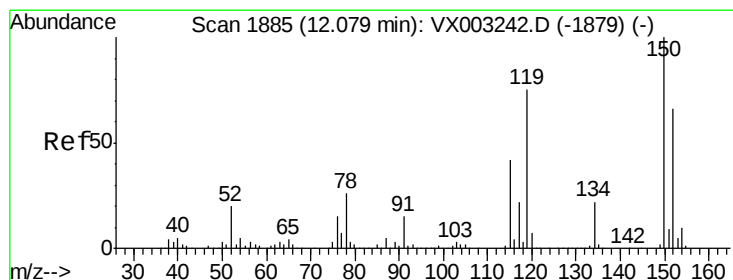
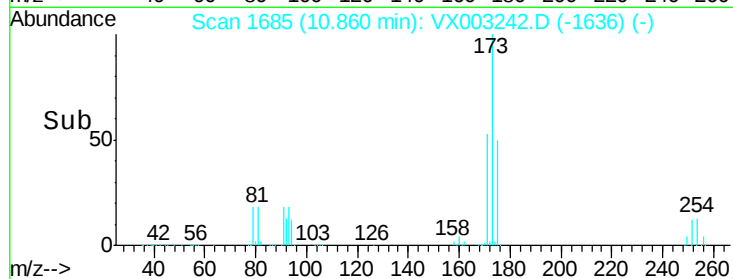
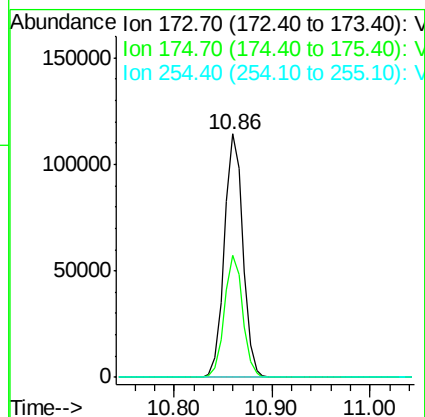
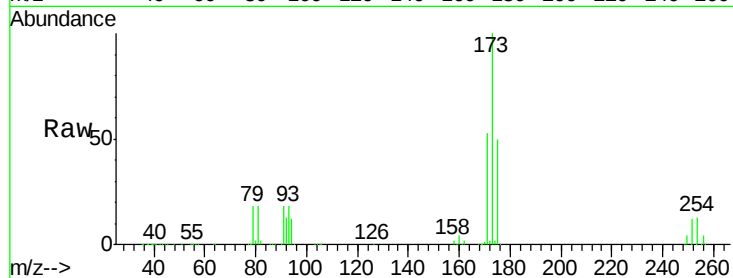




#71
Bromoform
Concen: 70.04 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

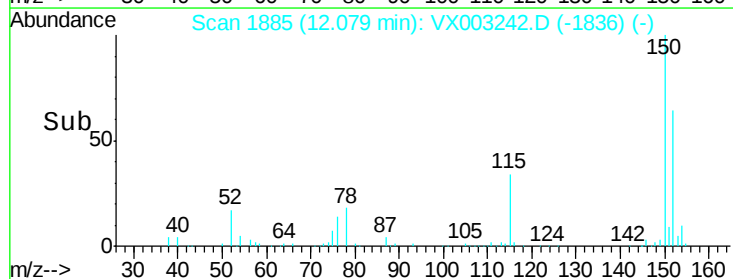
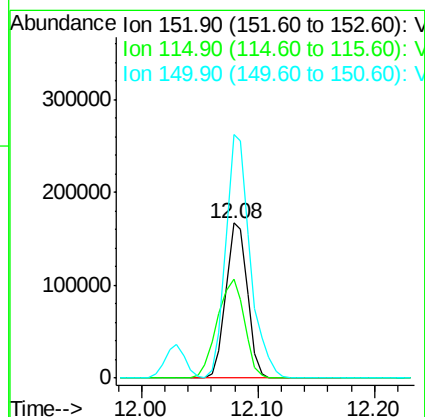
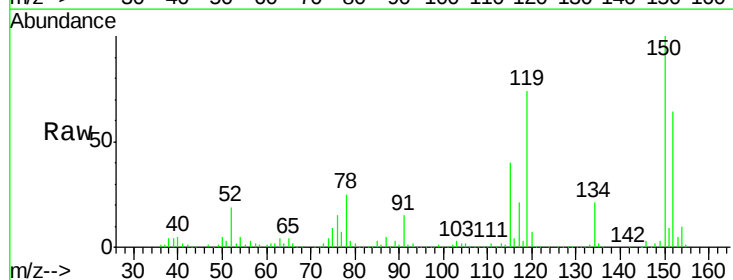
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

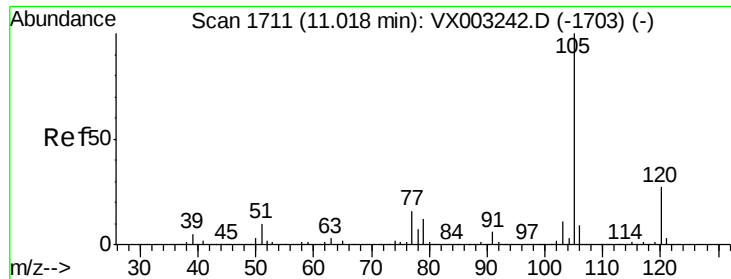
Tot Ion:173 Resp: 150627
Ion Ratio Lower Upper
173 100
175 49.1 24.7 74.1
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion:152 Resp: 213634
Ion Ratio Lower Upper
152 100
115 80.3 40.1 120.2
150 176.8 0.0 347.2

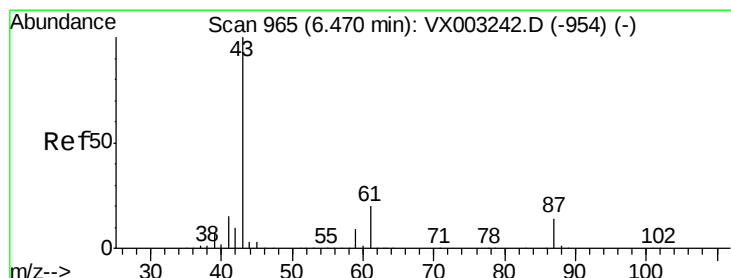
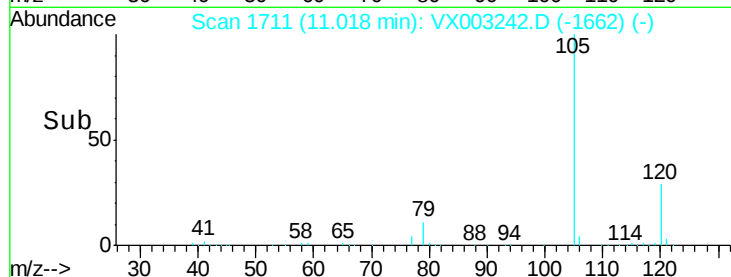
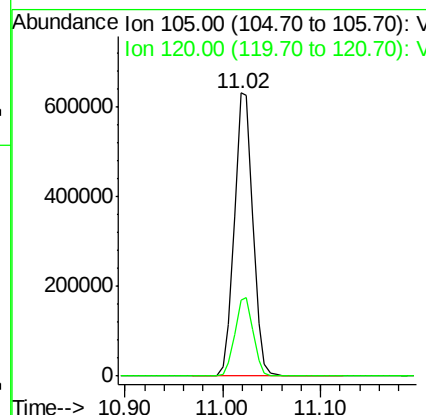
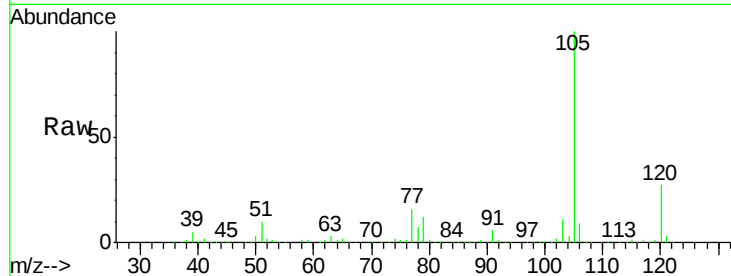




#73
Isopropylbenzene
Concen: 57.73 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

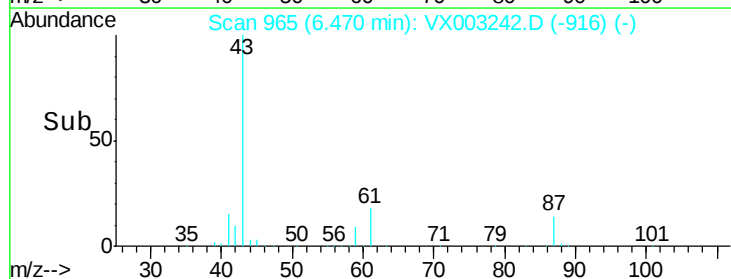
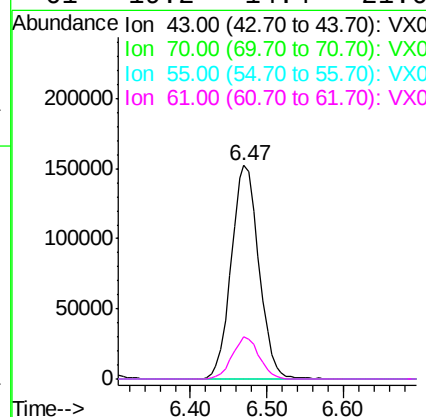
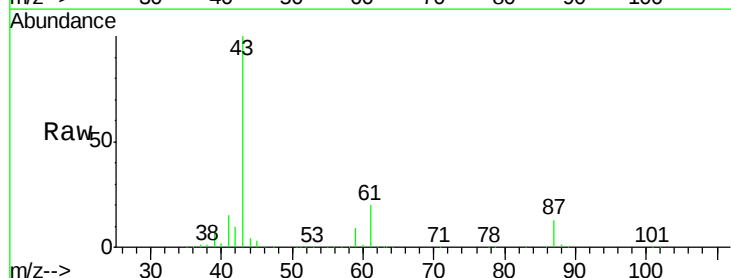
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

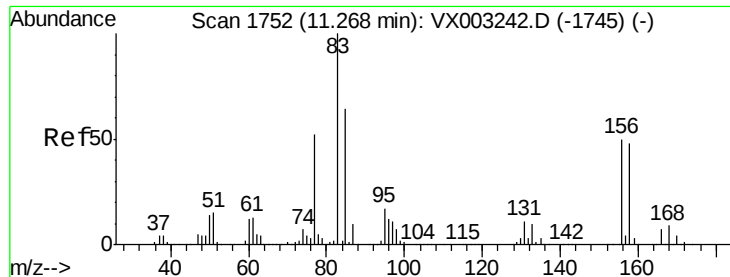
Tot Ion:105 Resp: 829661
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.4



#74
N-ethyl acetate
Concen: 53.95 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion: 43 Resp: 379387
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.1 0.0 0.0#
61 19.2 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 56.24 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

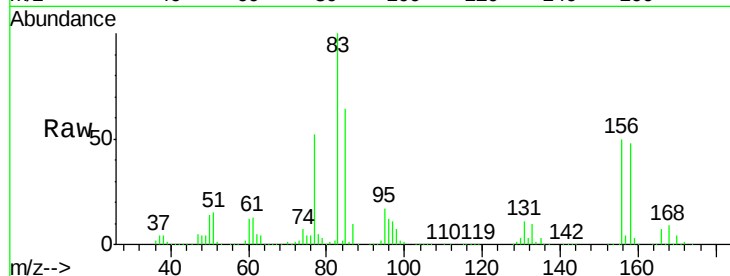
Tot Ion: 83 Resp: 248960

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

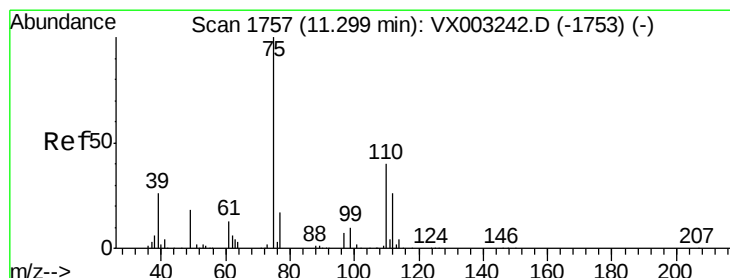
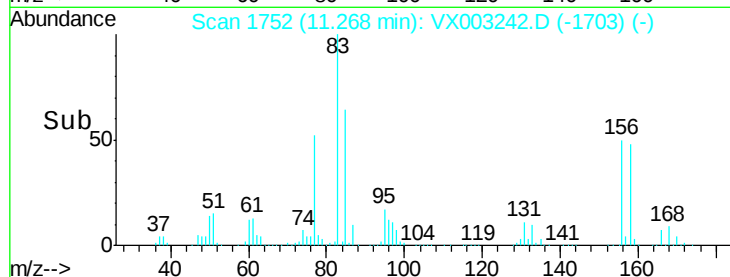
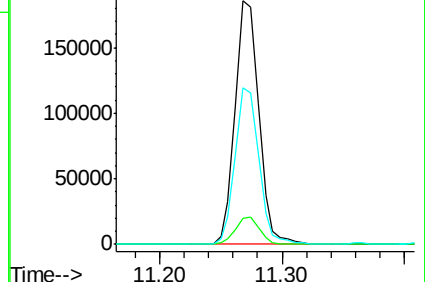
85 64.5 32.4 97.2



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: 75.22 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003242.D

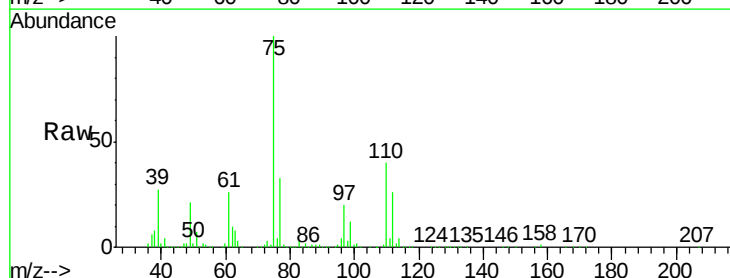
Acq: 09 Jul 2018 12:43

Tgt Ion: 75 Resp: 291071

Ion Ratio Lower Upper

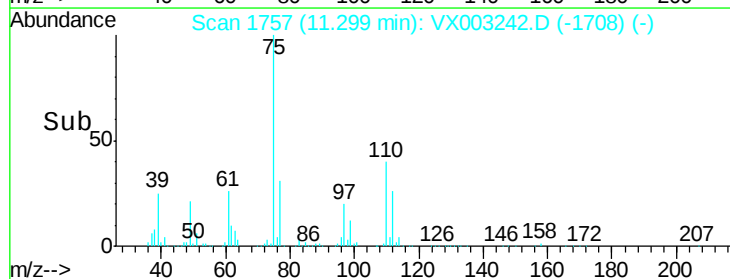
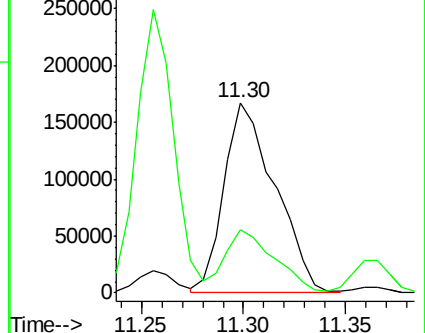
75 100

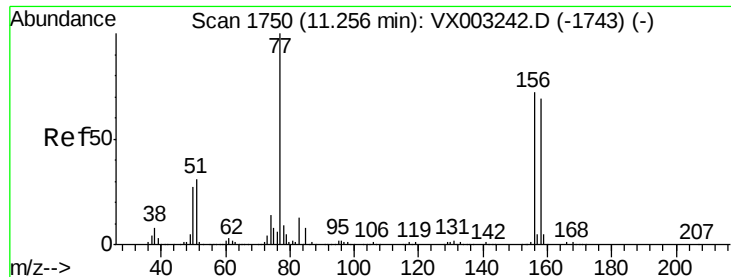
77 32.5 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 57.77 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

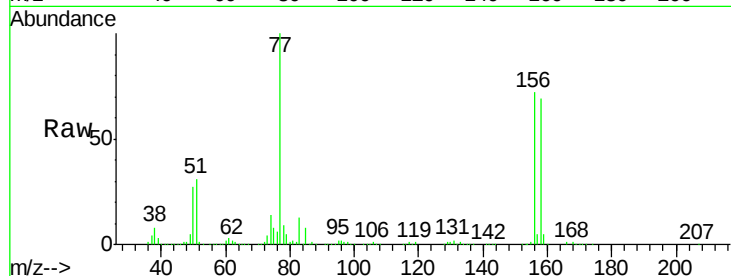
Tot Ion:156 Resp: 236444

Ion Ratio Lower Upper

156 100

77 132.2 71.4 214.2

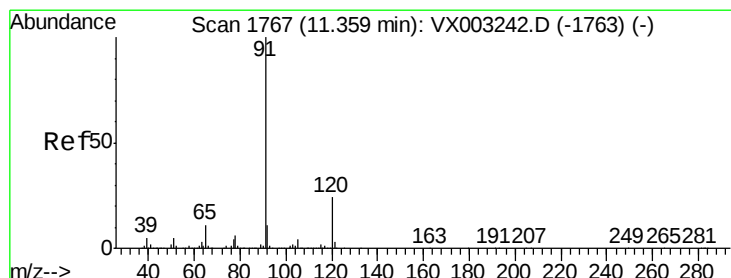
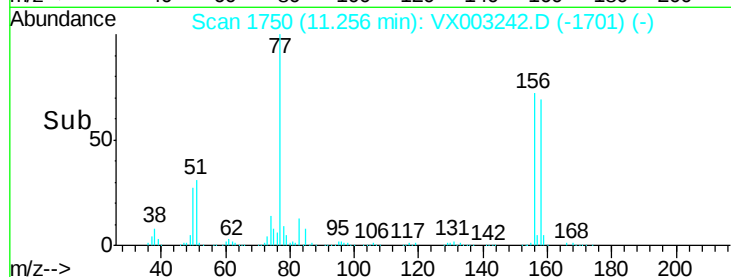
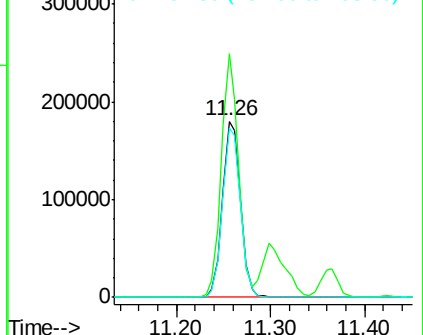
158 96.8 48.9 146.6



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: 57.65 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003242.D

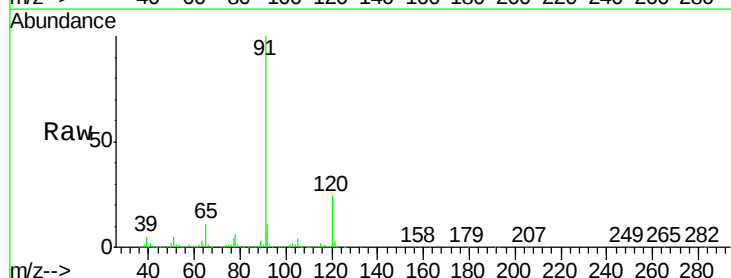
Acq: 09 Jul 2018 12:43

Tgt Ion: 91 Resp: 943061

Ion Ratio Lower Upper

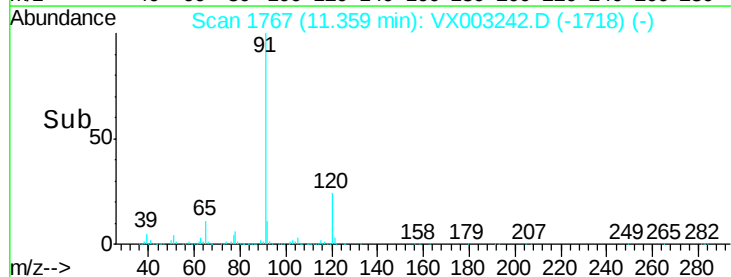
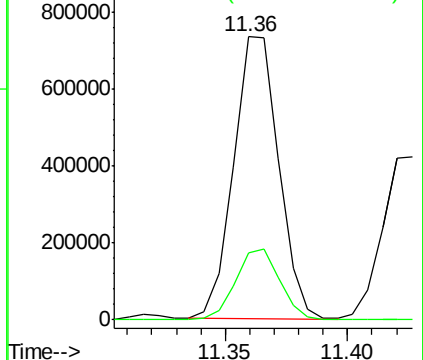
91 100

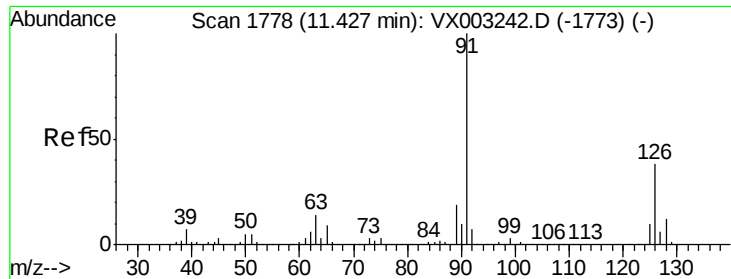
120 24.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

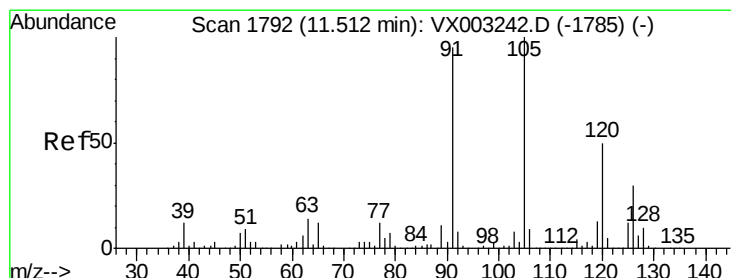
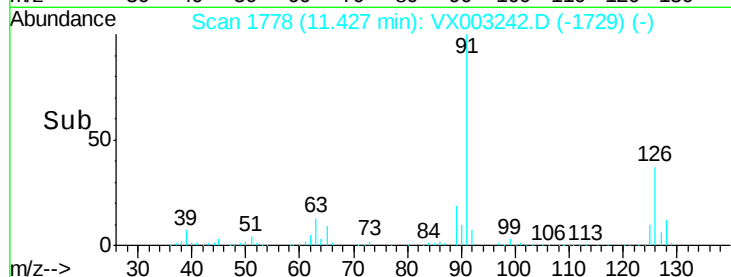
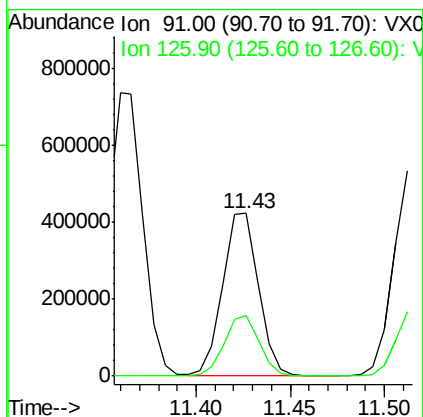
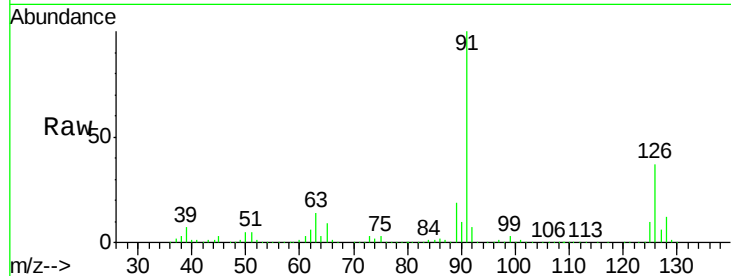




#79
 2-Chlorotoluene
 Concen: 56.20 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

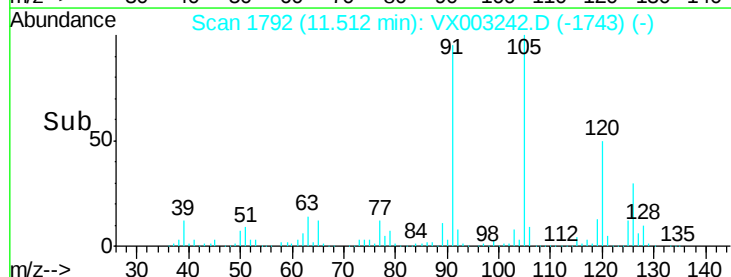
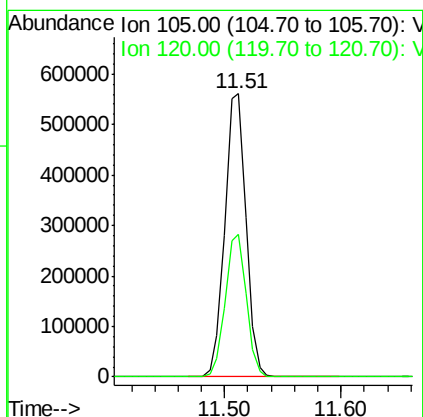
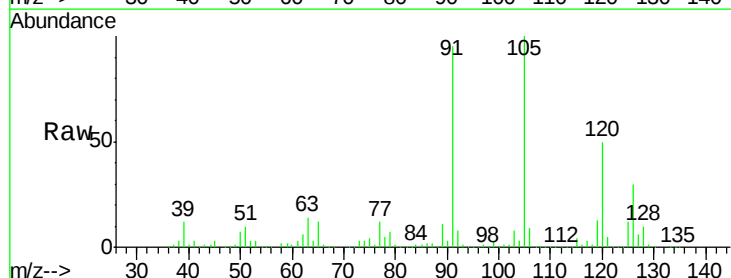
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

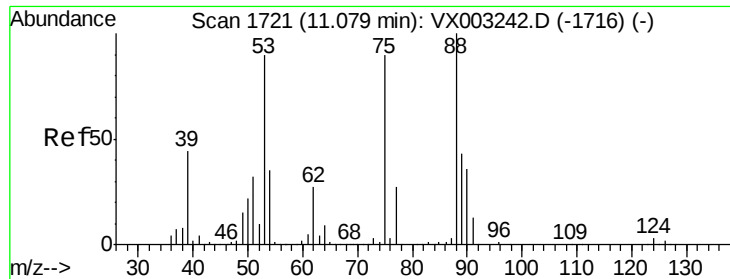
Tot Ion: 91 Resp: 556659
 Ion Ratio Lower Upper
 91 100
 126 36.7 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 58.21 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

Tgt Ion: 105 Resp: 704608
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.4 73.4

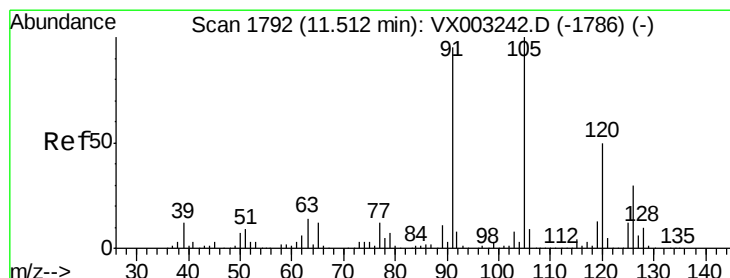
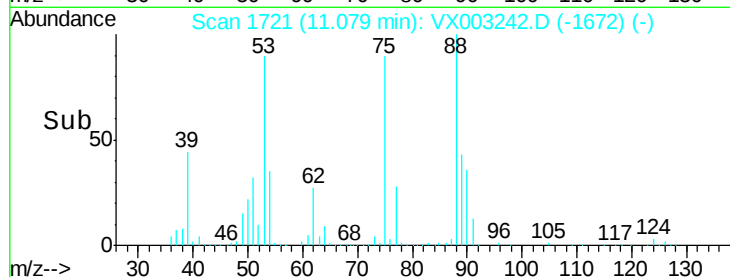
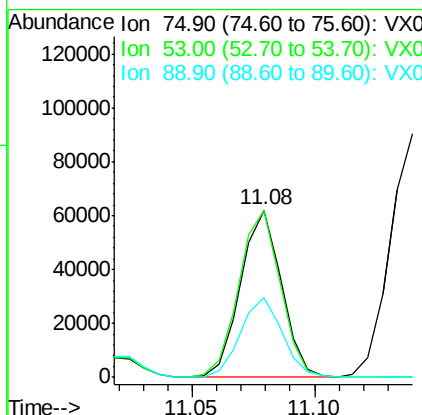
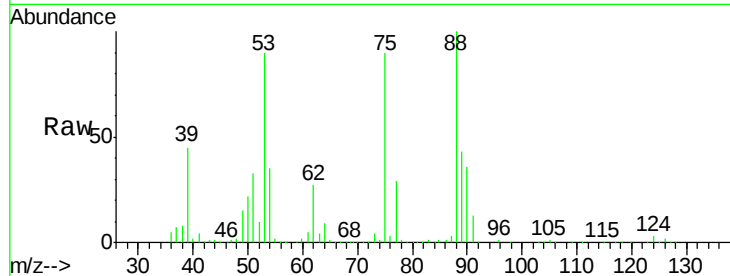




#81
trans-1,4-Dichloro-2-butene
Concen: 63.69 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

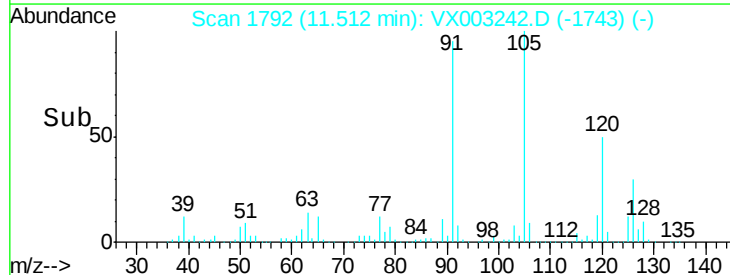
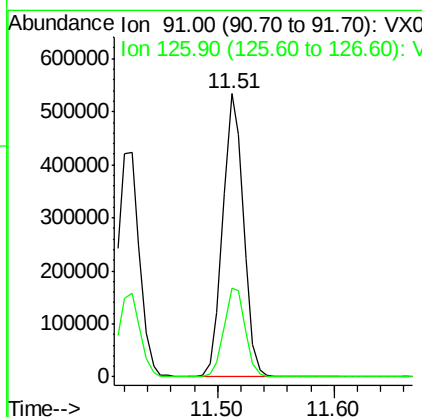
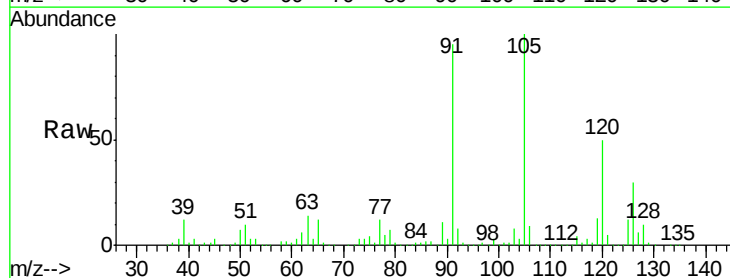
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

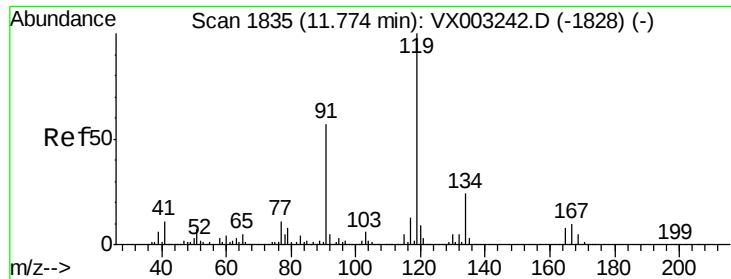
Tot Ion: 75 Resp: 72660
Ion Ratio Lower Upper
75 100
53 100.7 86.8 130.2
89 48.6 38.2 57.2



#82
4-Chlorotoluene
Concen: 56.03 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion: 91 Resp: 656897
Ion Ratio Lower Upper
91 100
126 32.2 15.4 46.4

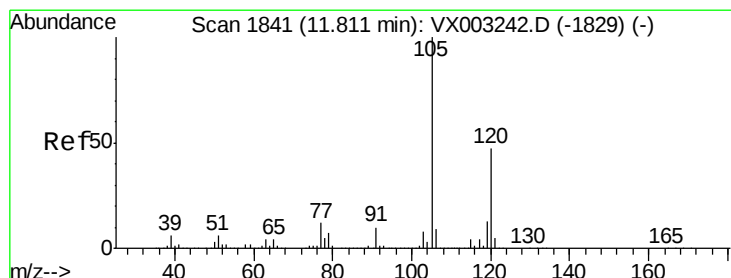
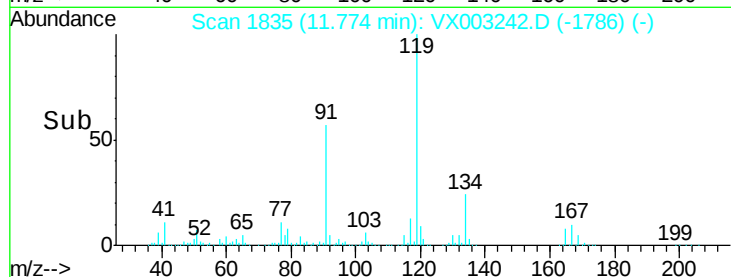
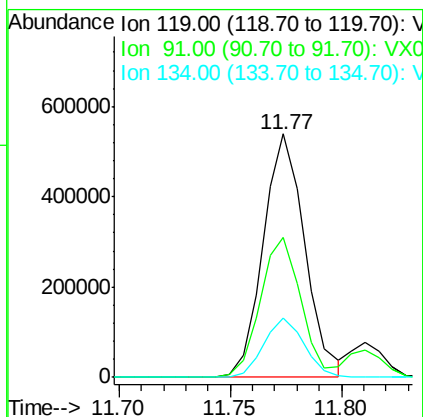
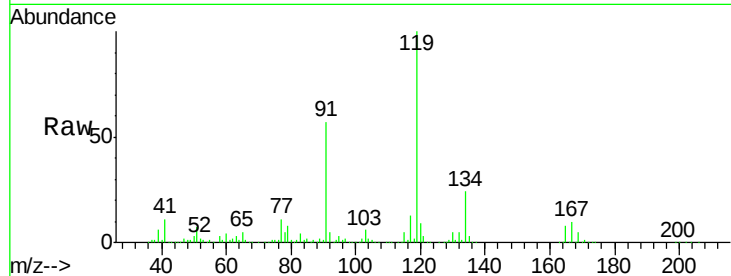




#83
 tert-Butylbenzene
 Concen: 58.57 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

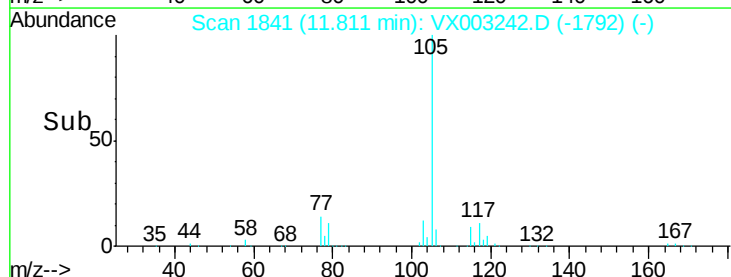
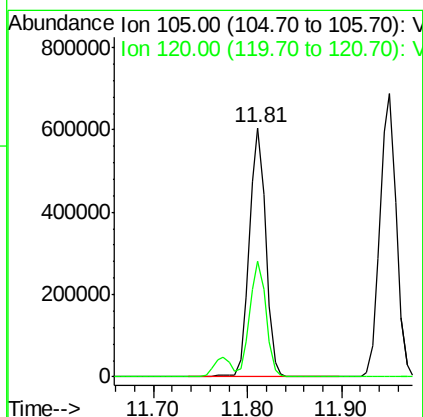
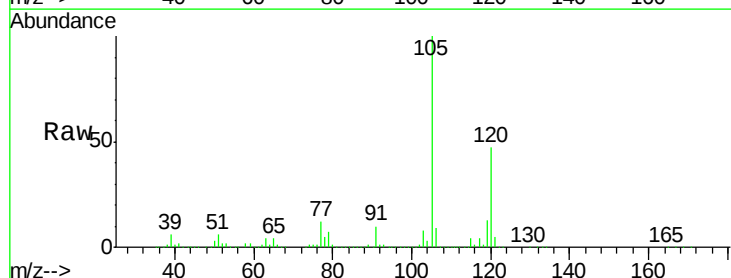
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

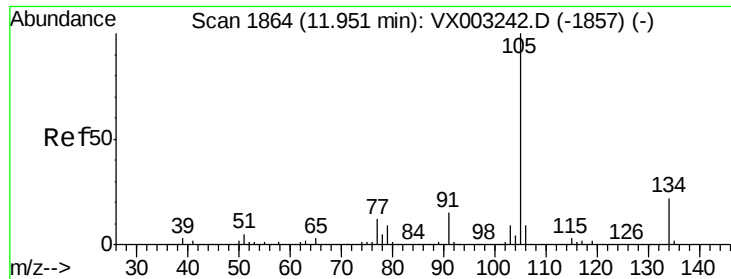
Tot Ion:119 Resp: 698733
 Ion Ratio Lower Upper
 119 100
 91 56.6 30.3 90.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 58.19 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

Tgt Ion:105 Resp: 729850
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 57.29 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

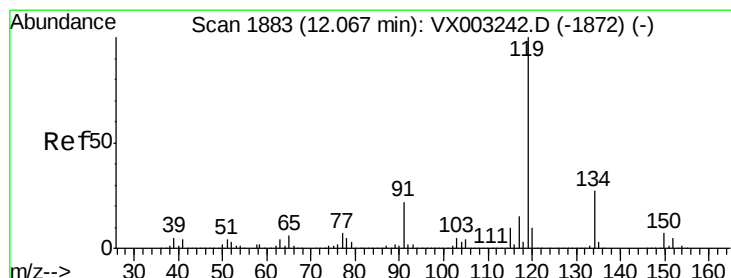
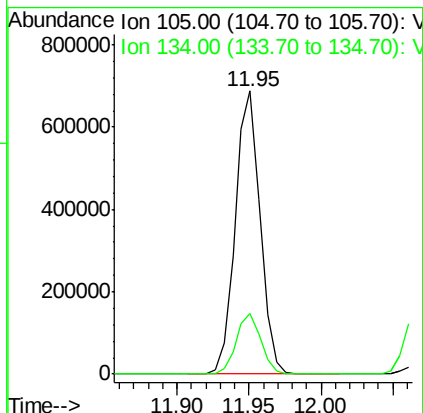
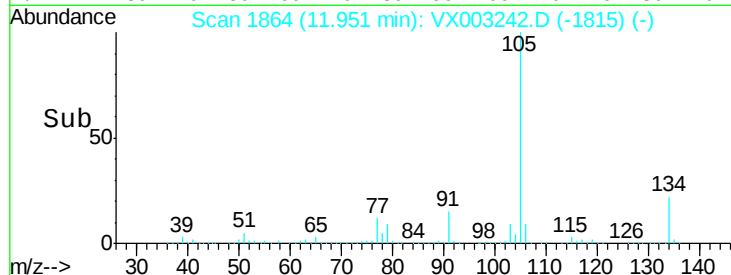
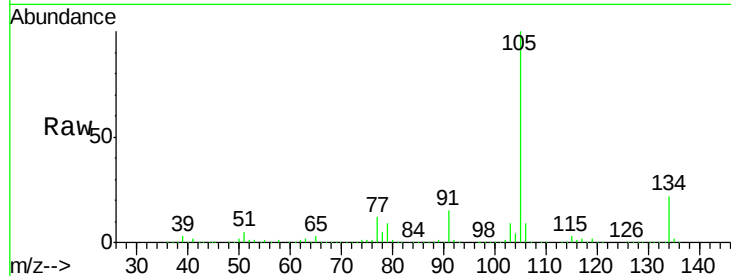
VSTDICCC050

Tot Ion:105 Resp: 829124

Ion Ratio Lower Upper

105 100

134 21.3 10.4 31.1



#86

p-Isopropyltoluene

Concen: 58.77 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

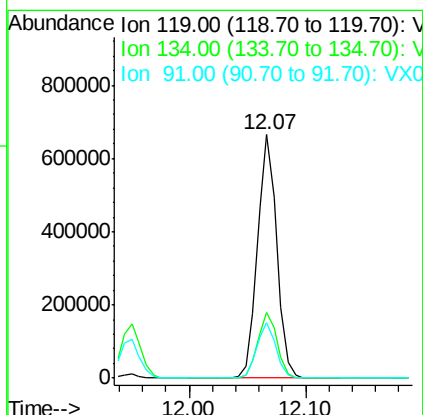
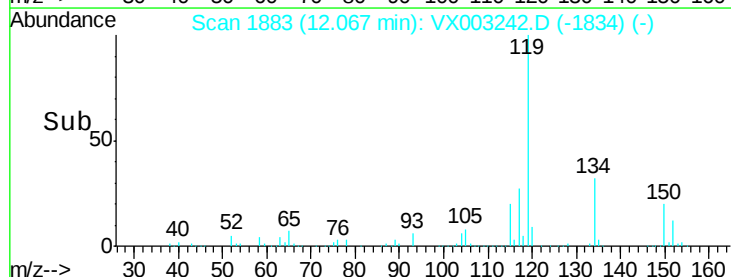
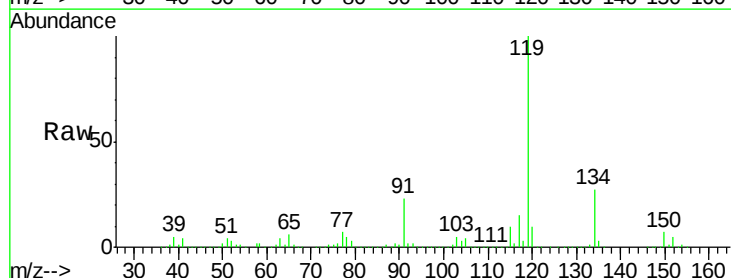
Tgt Ion:119 Resp: 764667

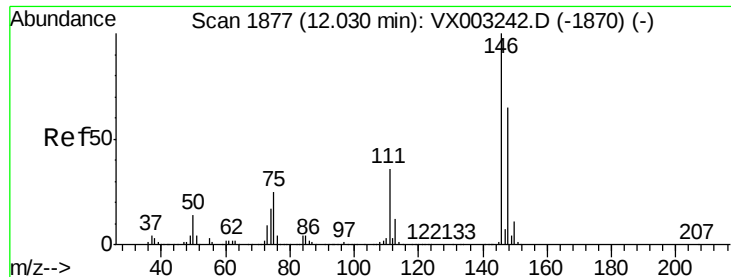
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.6 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 56.90 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

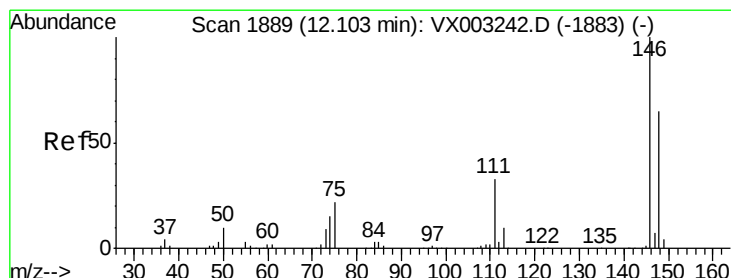
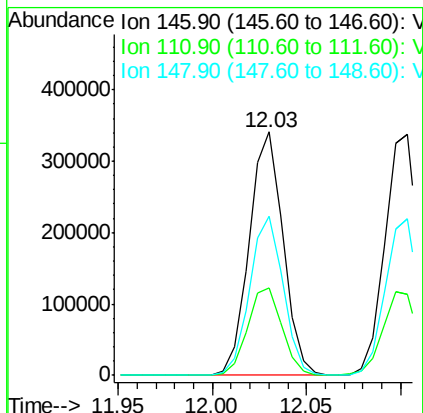
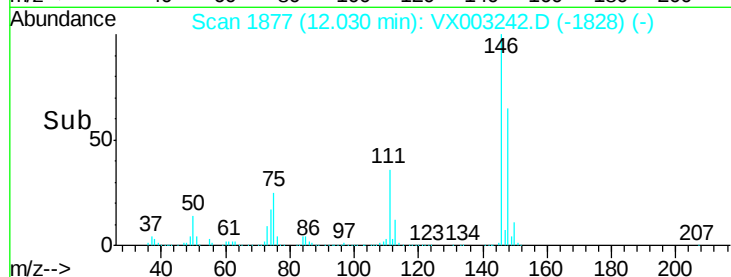
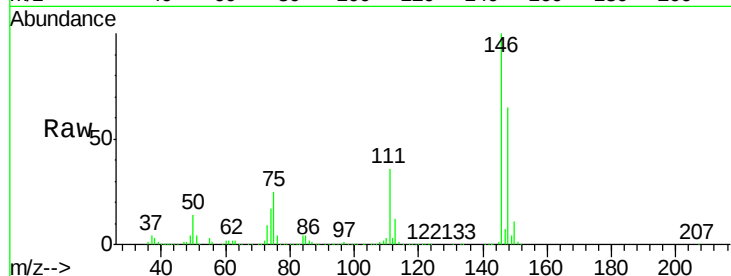
Tot Ion:146 Resp: 425307

Ion Ratio Lower Upper

146 100

111 36.6 18.9 56.7

148 64.8 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 56.11 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

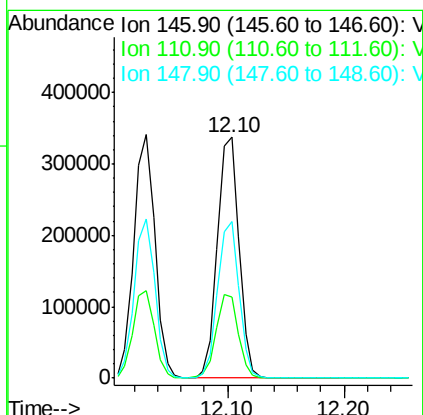
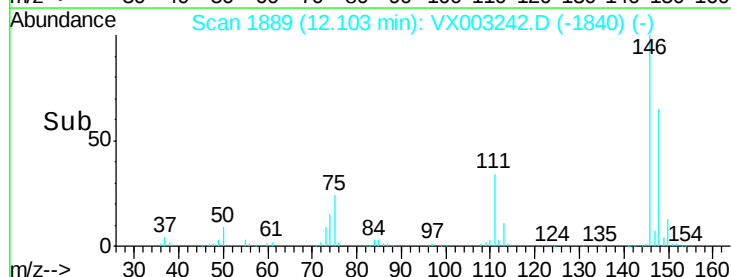
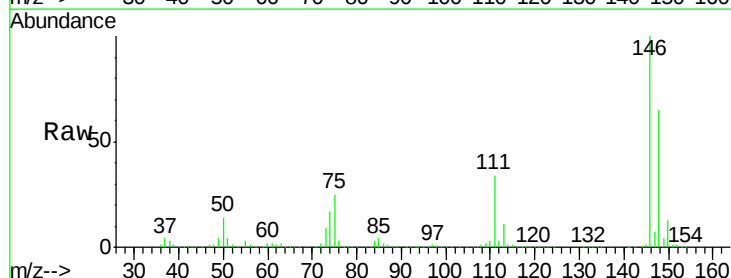
Tgt Ion:146 Resp: 431645

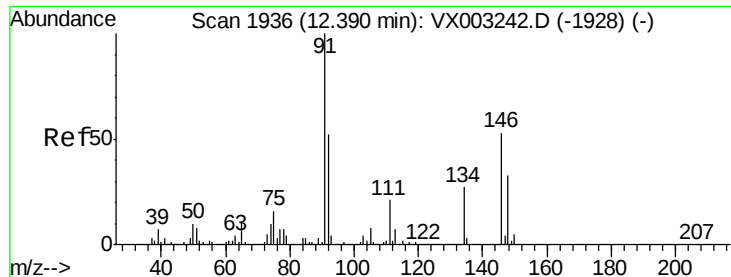
Ion Ratio Lower Upper

146 100

111 35.4 18.7 56.1

148 64.4 32.4 97.0

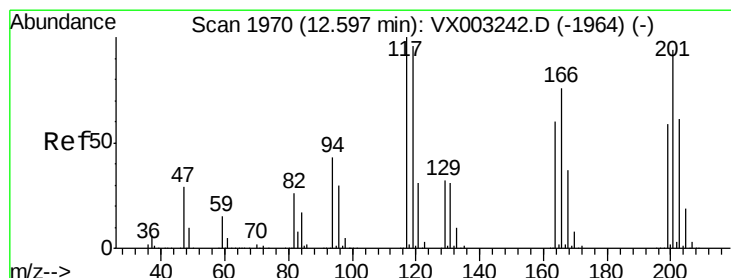
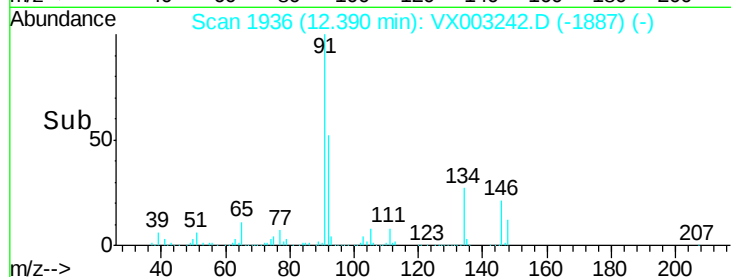
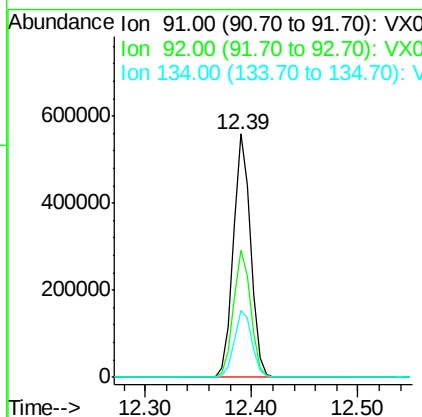
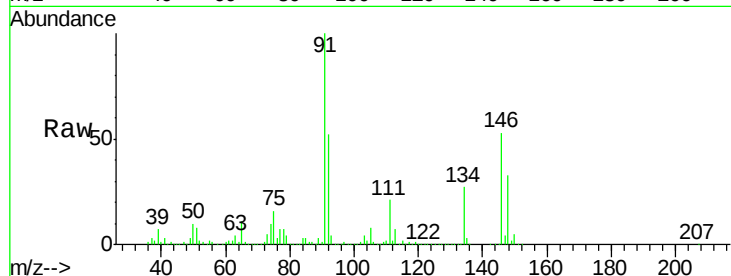




#89
n-Butylbenzene
Concen: 56.14 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

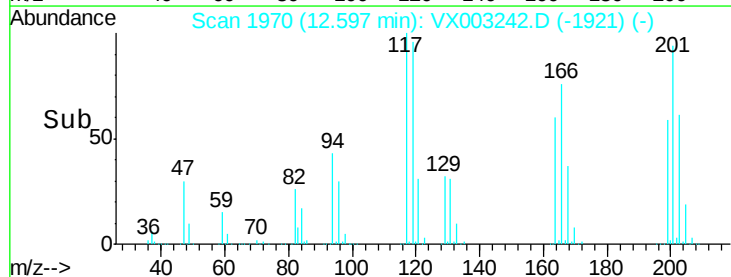
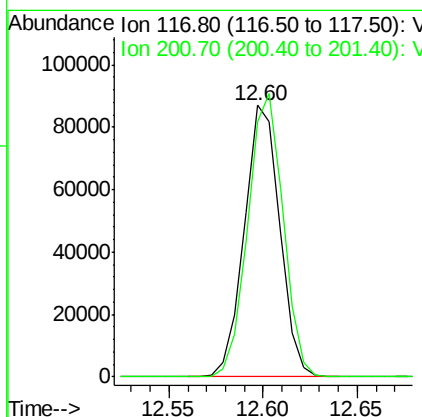
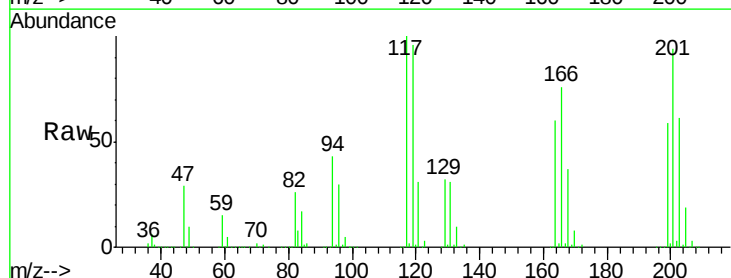
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

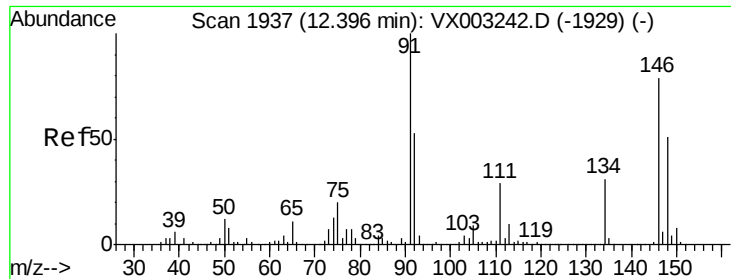
Tot Ion: 91 Resp: 635760
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 28.0 13.5 40.5



#90
Hexachloroethane
Concen: 58.76 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion: 117 Resp: 113720
Ion Ratio Lower Upper
117 100
201 103.2 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 57.09 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

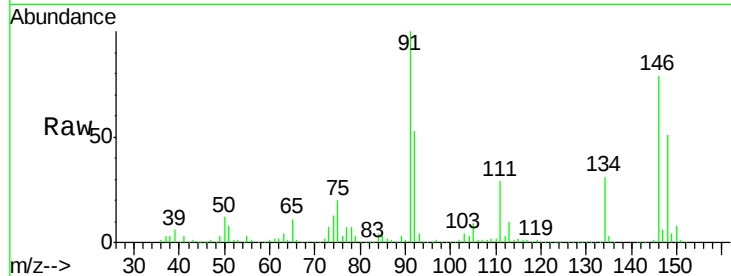
Tot Ion:146 Resp: 430700

Ion Ratio Lower Upper

146 100

111 37.7 19.4 58.1

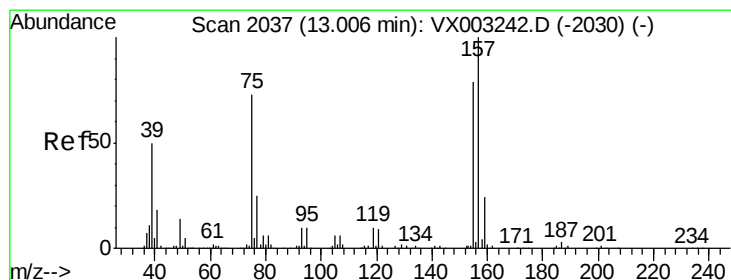
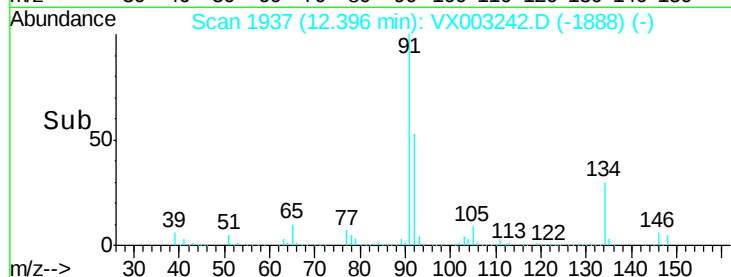
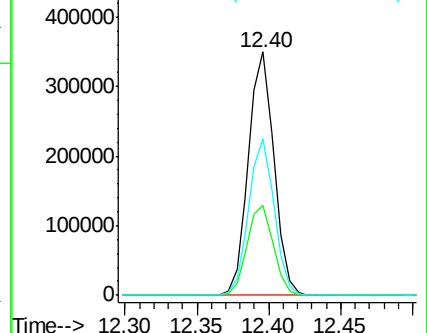
148 63.7 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.54 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003242.D

Acq: 09 Jul 2018 12:43

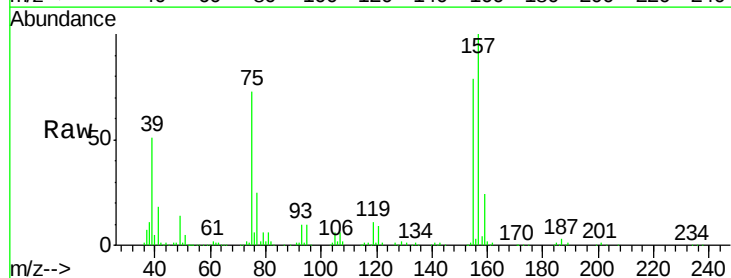
Tgt Ion: 75 Resp: 56267

Ion Ratio Lower Upper

75 100

155 99.9 45.8 137.4

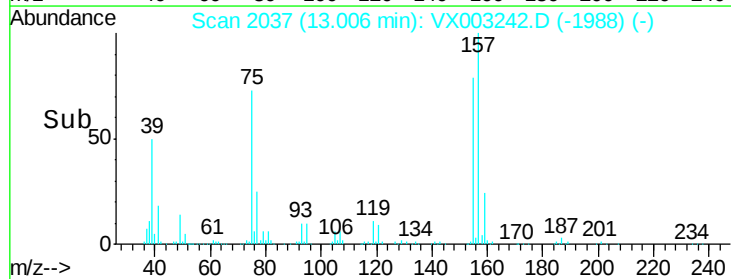
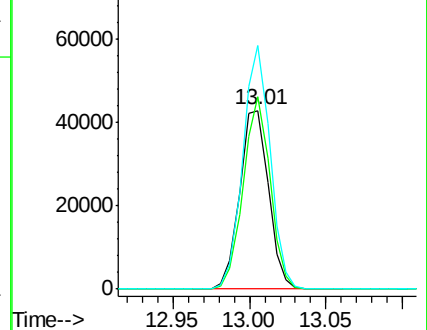
157 128.2 60.1 180.3

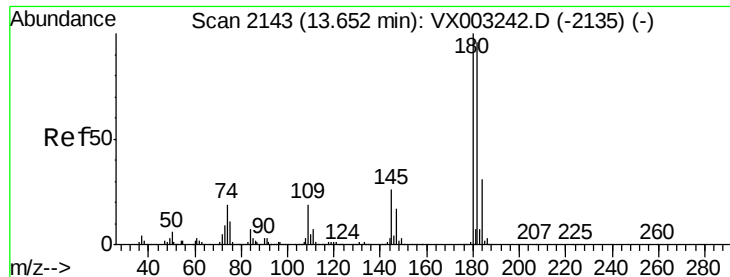


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

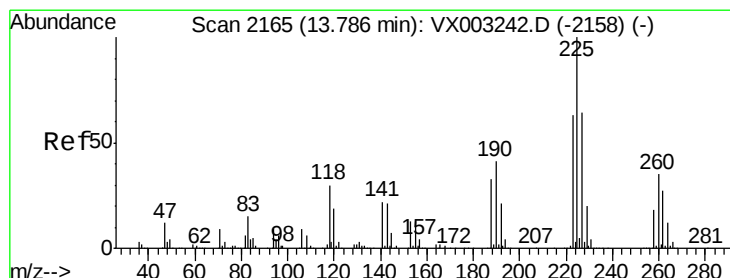
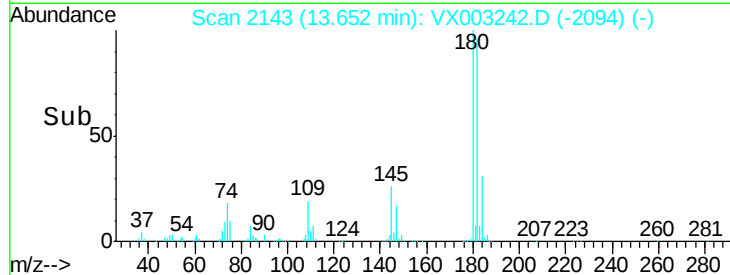
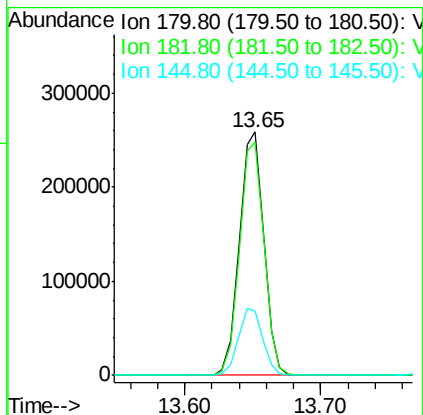
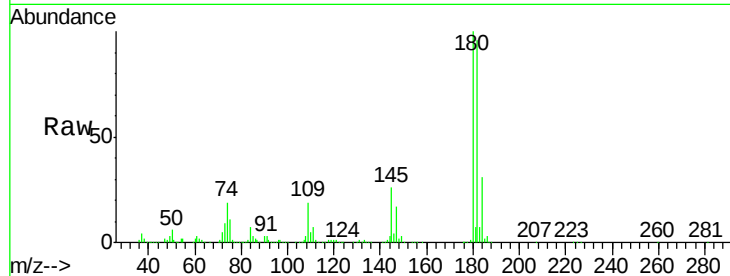




#93
 1,2,4-Trichlorobenzene
 Concen: 58.48 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

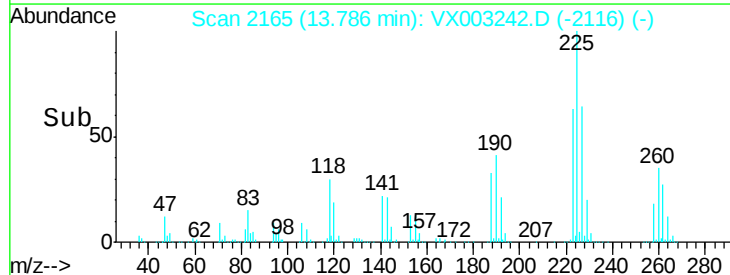
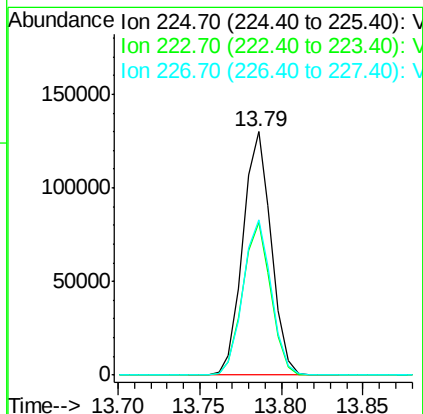
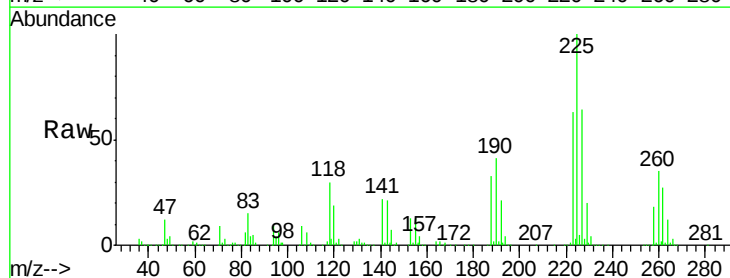
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

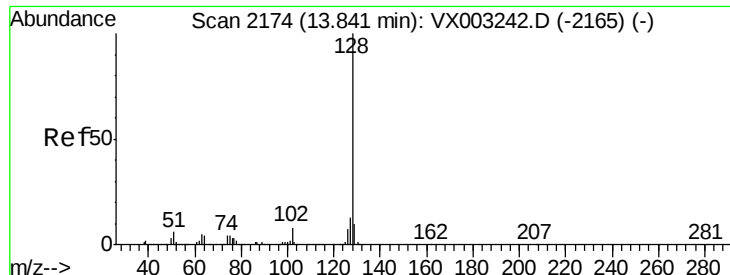
Tot Ion:180 Resp: 321085
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.7 143.1
 145 27.6 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 57.30 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003242.D
 Acq: 09 Jul 2018 12:43

Tgt Ion:225 Resp: 156917
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.6 95.0
 227 63.9 32.4 97.2

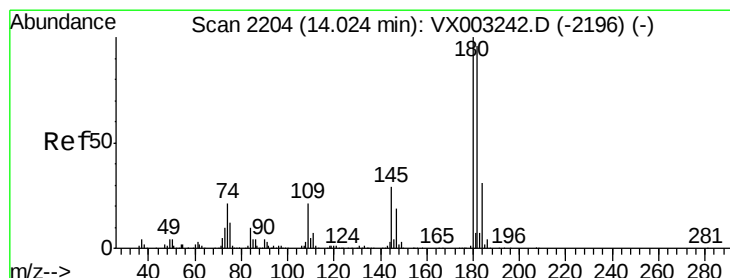
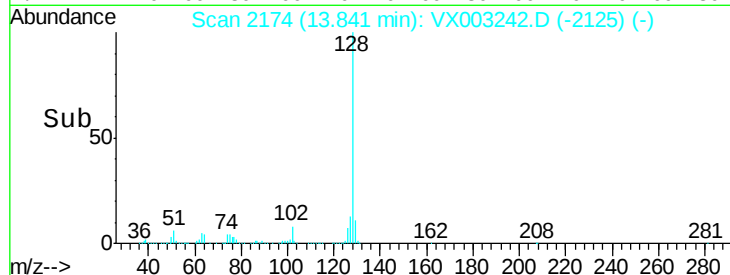
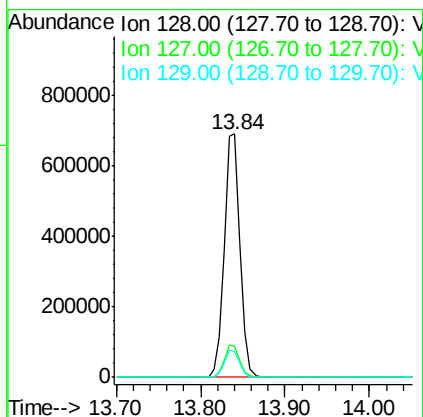
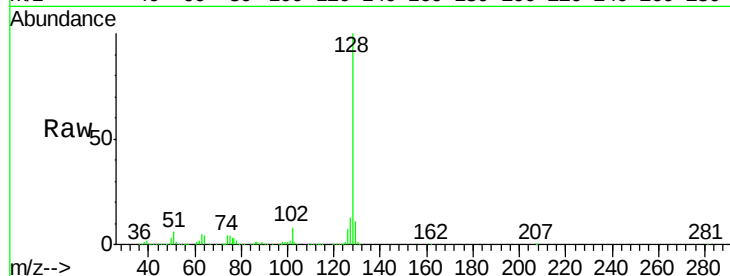




#95
Naphthalene
Concen: 60.80 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 889183
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 59.30 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003242.D
Acq: 09 Jul 2018 12:43

Tgt Ion:180 Resp: 325243
Ion Ratio Lower Upper
180 100
182 96.3 48.0 144.0
145 29.2 14.8 44.3

