

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031518\
 Data File : VX000341.D
 Acq On : 15 Mar 2018 20:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 16 02:43:39 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	121634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	201261	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	204857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	126953	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	78270	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	5.51	113	62261	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	8.73	98	250658	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
62) 4-Bromofluorobenzene	11.15	95	98767	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	58317	44.51	ug/l	97
3) Chloromethane	1.32	50	62882	47.08	ug/l	96
4) Vinyl Chloride	1.41	62	75835	50.69	ug/l	97
5) Bromomethane	1.64	94	103553	62.03	ug/l	97
6) Chloroethane	1.72	64	50658	47.64	ug/l	99
7) Trichlorofluoromethane	1.93	101	133911	51.54	ug/l	100
8) Diethyl Ether	2.20	74	47286	51.12	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71676	51.23	ug/l	98
10) Methyl Iodide	2.52	142	67775	47.94	ug/l	99
11) Tert butyl alcohol	3.08	59	149078	273.82	ug/l	99
12) 1,1-Dichloroethene	2.38	96	66751	50.27	ug/l	96
13) Acrolein	2.30	56	68695	293.28	ug/l	97
14) Allyl chloride	2.73	41	121412	51.28	ug/l	99
15) Acrylonitrile	3.16	53	284650	271.15	ug/l	99
16) Acetone	2.45	43	305347	271.77	ug/l	97
17) Carbon Disulfide	2.57	76	187981	48.47	ug/l	98
18) Methyl Acetate	2.78	43	138329	55.02	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	246074	52.64	ug/l	98
20) Methylene Chloride	2.86	84	76077	52.30	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	72524	49.41	ug/l	98
22) Diisopropyl ether	3.89	45	186367	47.29	ug/l	98
23) Vinyl Acetate	3.84	43	899913	239.60	ug/l	99
24) 1,1-Dichloroethane	3.71	63	130229	52.53	ug/l	98
25) 2-Butanone	4.72	43	368370	274.32	ug/l	99
26) 2,2-Dichloropropane	4.60	77	88000	49.18	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	66423	49.54	ug/l	98
28) Bromochloromethane	5.04	49	50170	48.15	ug/l	100
29) Tetrahydrofuran	5.18	42	238171	275.57	ug/l	99
30) Chloroform	5.23	83	122316	52.26	ug/l	95
31) Cyclohexane	5.59	56	95168	50.03	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	109140	52.77	ug/l	100
36) 1,1-Dichloropropene	5.81	75	89803	49.11	ug/l	99
37) Ethyl Acetate	4.87	43	126562	52.07	ug/l	99
38) Carbon Tetrachloride	5.80	117	95650	51.88	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	105912	49.66	ug/l	94
40) Benzene	6.15	78	264122	50.91	ug/l	97
41) Methacrylonitrile	5.08	41	66151	51.84	ug/l	99
42) 1,2-Dichloroethane	6.21	62	104976	51.05	ug/l	100
43) Isopropyl Acetate	6.48	43	190894	54.42	ug/l	99
44) Trichloroethene	7.22	130	73130	48.65	ug/l	94
45) 1,2-Dichloropropane	7.52	63	67620	52.85	ug/l	99
46) Dibromomethane	7.67	93	52214	50.80	ug/l	98
47) Bromodichloromethane	7.91	83	98832	54.17	ug/l	99
48) Methyl methacrylate	7.79	41	93231	52.57	ug/l	100
49) 1,4-Dioxane	7.77	88	41016	1027.85	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	753875	276.74	ug/l	100
52) Toluene	8.79	92	185829	50.99	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	113211	53.76	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	110518	53.67	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	75515	51.64	ug/l	98
56) Ethyl methacrylate	9.19	69	119609	55.24	ug/l	98
57) 1,3-Dichloropropane	9.38	76	122617	51.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	276518	298.96	ug/l	98
59) 2-Hexanone	9.51	43	643937	280.57	ug/l	98
60) Dibromochloromethane	9.59	129	83925	54.28	ug/l	98
61) 1,2-Dibromoethane	9.68	107	84909	52.38	ug/l	99
64) Tetrachloroethene	9.35	164	71083	54.14	ug/l	95
65) Chlorobenzene	10.15	112	215008	51.54	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	76371	54.43	ug/l	98
67) Ethyl Benzene	10.26	91	371796	52.27	ug/l	99
68) m/p-Xylenes	10.37	106	301401	108.77	ug/l	99
69) o-Xylene	10.71	106	146490	54.42	ug/l	98
70) Styrene	10.72	104	249019	55.75	ug/l	98
71) Bromoform	10.87	173	67757	47.84	ug/l #	95
73) Isopropylbenzene	11.02	105	400578	52.39	ug/l	99
74) N-amyl acetate	6.48	43	190894	52.15	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	141384	51.94	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	167255	73.92	ug/l	84
77) Bromobenzene	11.26	156	99765	49.71	ug/l	99
78) n-propylbenzene	11.37	91	457711	49.64	ug/l	99
79) 2-Chlorotoluene	11.43	91	269424	51.49	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	349351	53.63	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	41090	48.90	ug/l	97
82) 4-Chlorotoluene	11.52	91	336547	52.33	ug/l	99
83) tert-Butylbenzene	11.78	119	340732	53.62	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	363827	54.33	ug/l	100
85) sec-Butylbenzene	11.96	105	427106	53.69	ug/l	99
86) p-Isopropyltoluene	12.07	119	386410	54.58	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	196052	49.78	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	207758	50.76	ug/l	99
89) n-Butylbenzene	12.40	91	344005	49.97	ug/l	99
90) Hexachloroethane	12.60	117	60179	52.99	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	200512	52.56	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	40606	55.11	ug/l	97

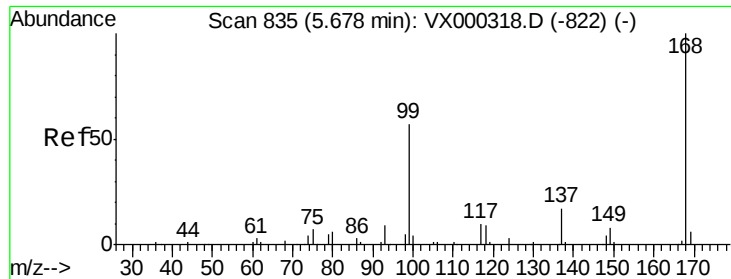
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031518\
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QLast Update : Thu Mar 15 03:39:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	130558	47.51	ug/l	99
94) Hexachlorobutadiene	13.79	225	53127	49.01	ug/l	99
95) Naphthalene	13.84	128	506611	53.13	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	134141	48.32	ug/l	100

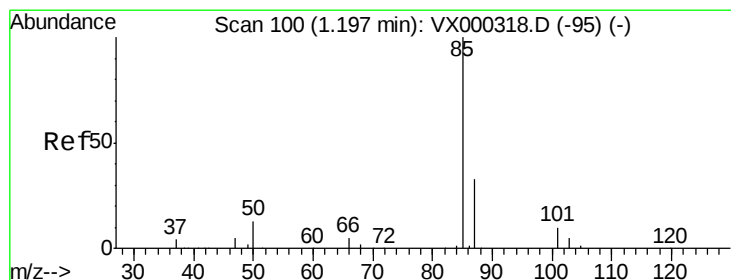
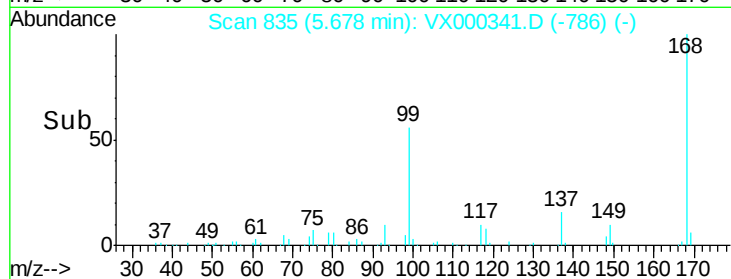
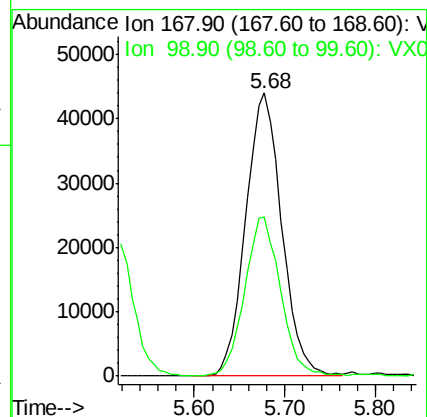
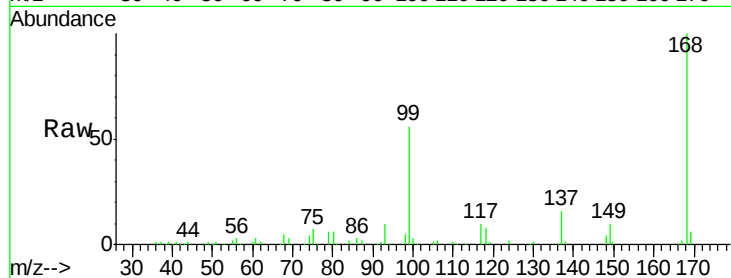
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

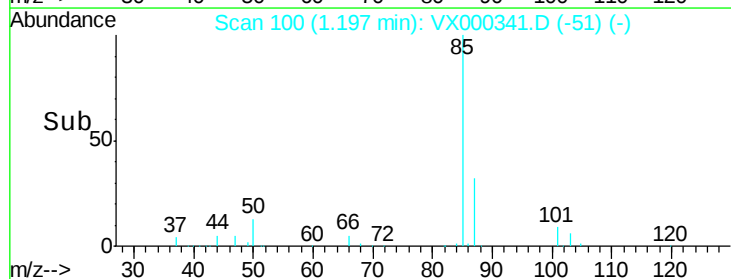
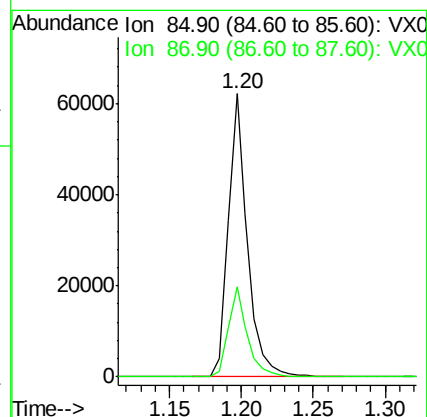
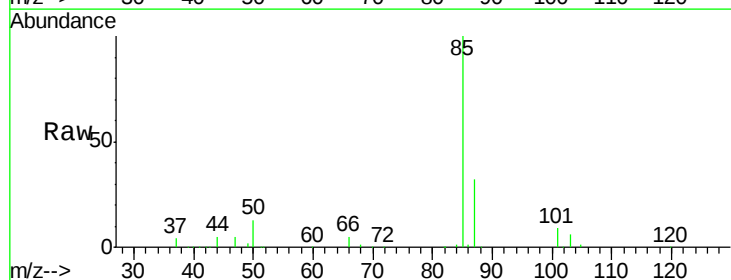
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

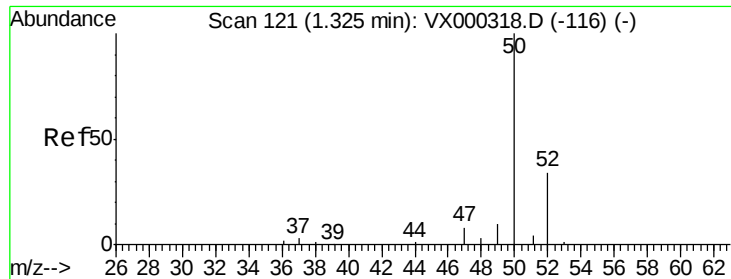
Tgt Ion: 168 Resp: 121634
Ion Ratio Lower Upper
168 100
99 55.9 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 44.51 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion: 85 Resp: 58317
Ion Ratio Lower Upper
85 100
87 32.1 16.8 50.3





#3

Chloromethane

Concen: 47.08 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

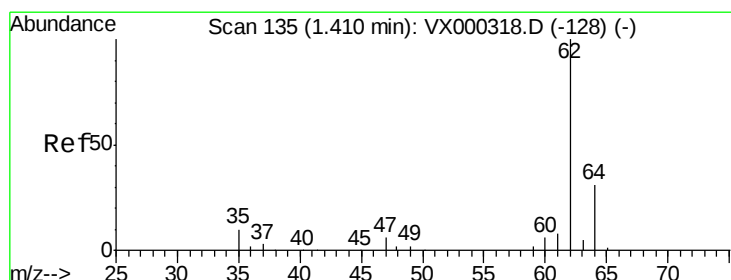
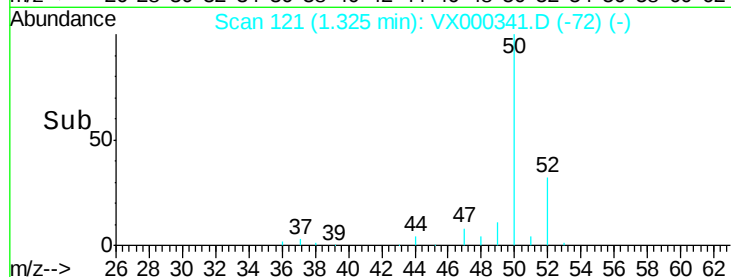
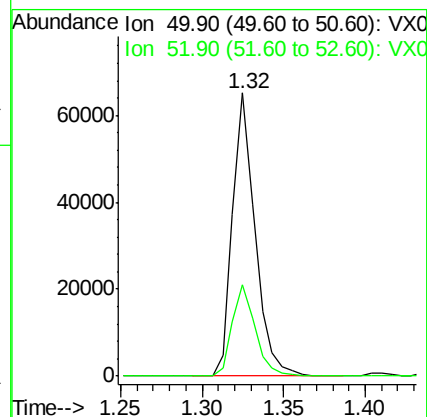
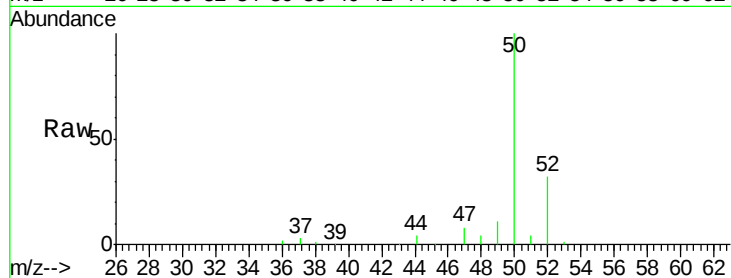
VSTDCCC050EC

Tgt Ion: 50 Resp: 62882

Ion Ratio Lower Upper

50 100

52 32.3 27.5 41.3



#4

Vinyl Chloride

Concen: 50.69 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000341.D

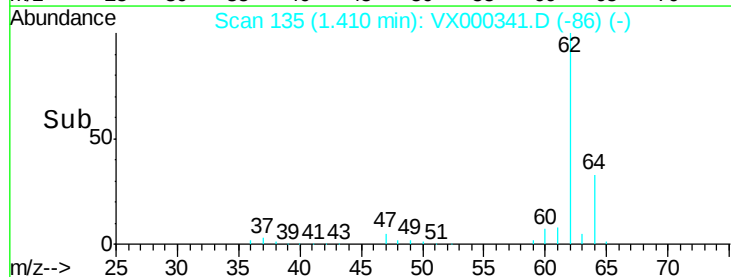
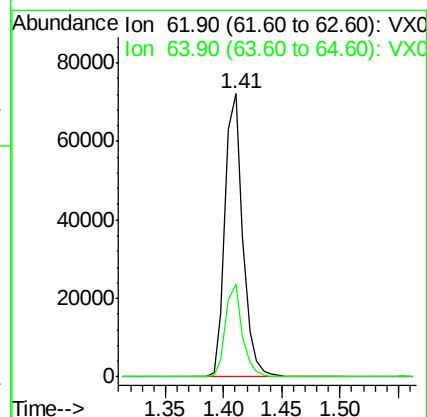
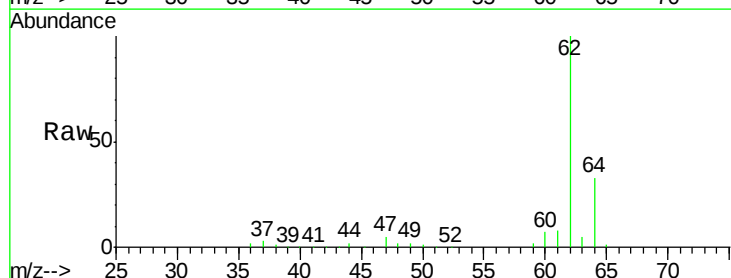
Acq: 15 Mar 2018 20:34

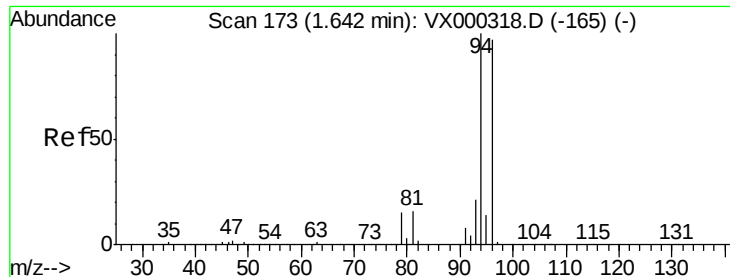
Tgt Ion: 62 Resp: 75835

Ion Ratio Lower Upper

62 100

64 32.9 24.8 37.2





#5

Bromomethane

Concen: 62.03 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

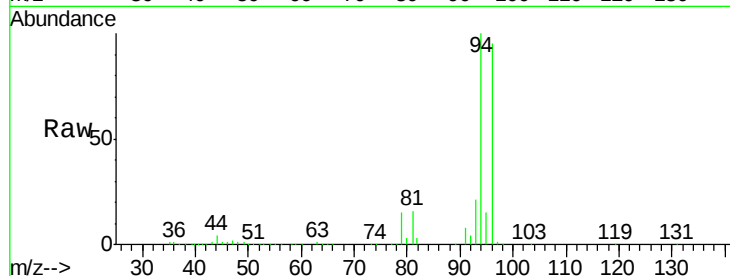
VSTDCCC050EC

Tgt Ion: 94 Resp: 103553

Ion Ratio Lower Upper

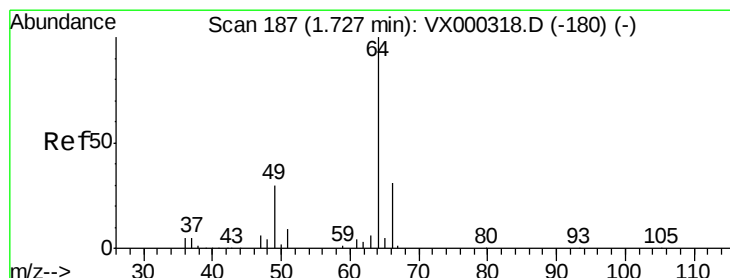
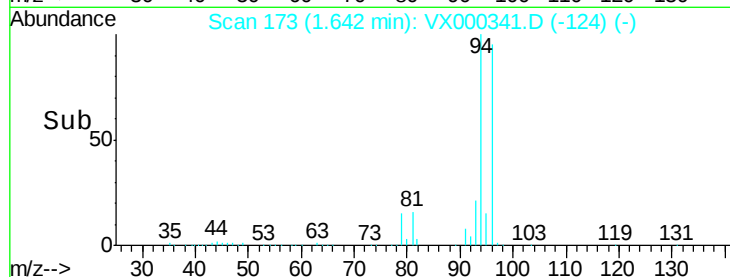
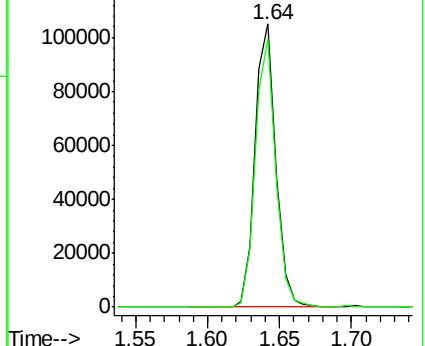
94 100

96 94.5 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.64 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000341.D

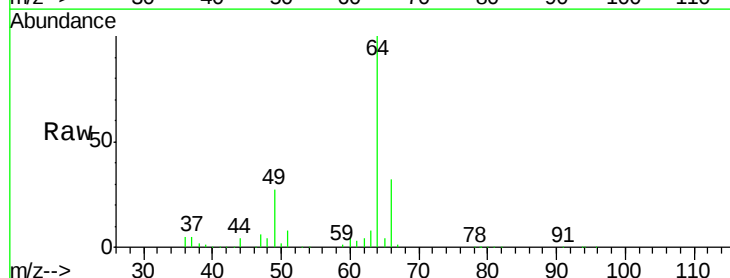
Acq: 15 Mar 2018 20:34

Tgt Ion: 64 Resp: 50658

Ion Ratio Lower Upper

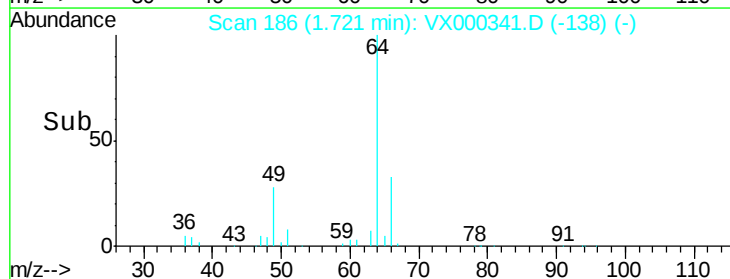
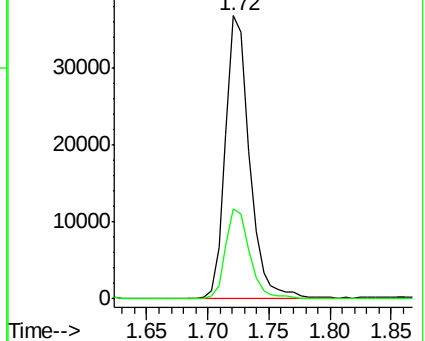
64 100

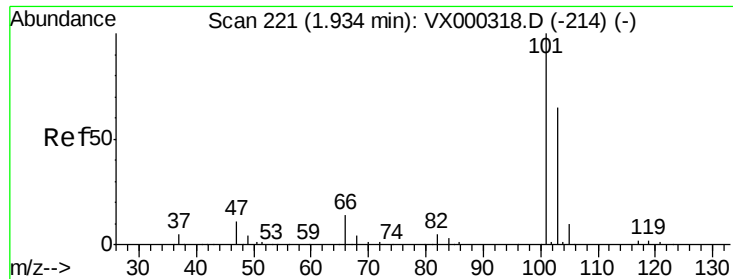
66 31.7 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



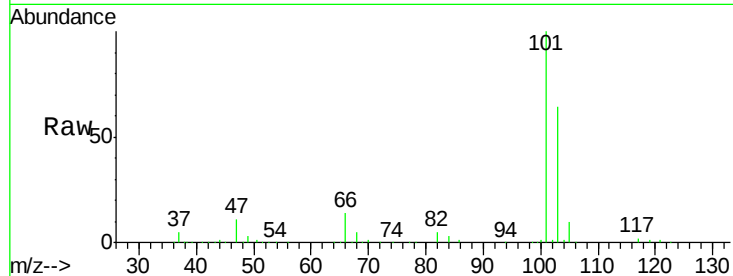


#7

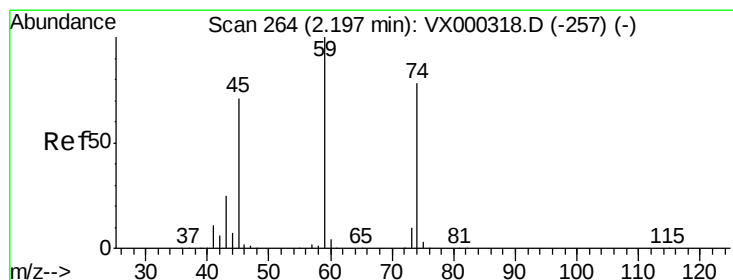
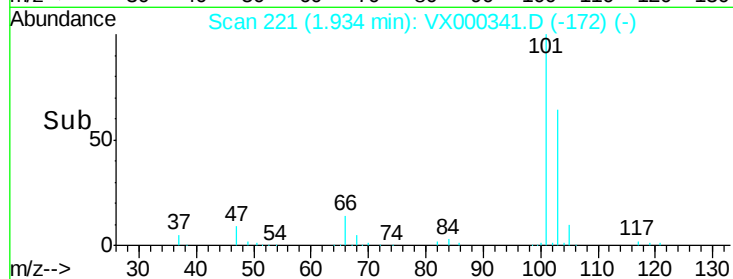
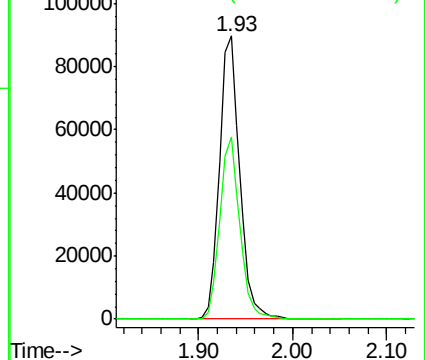
Trichlorofluoromethane
 Concen: 51.54 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 133911
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.6 77.4



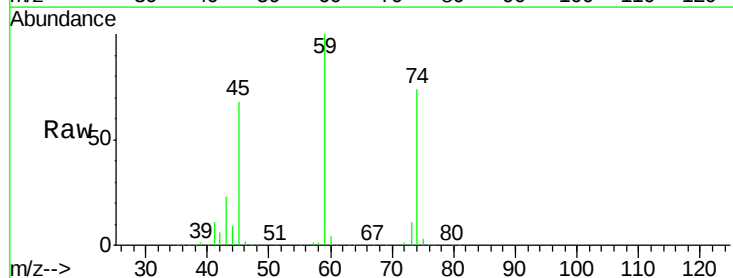
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



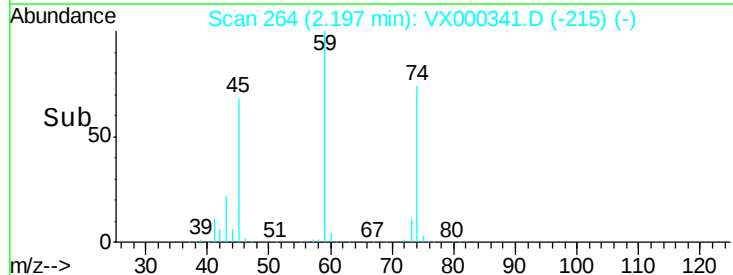
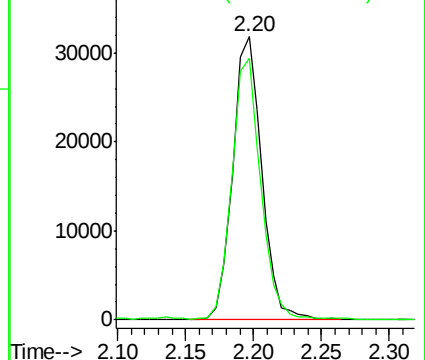
#8

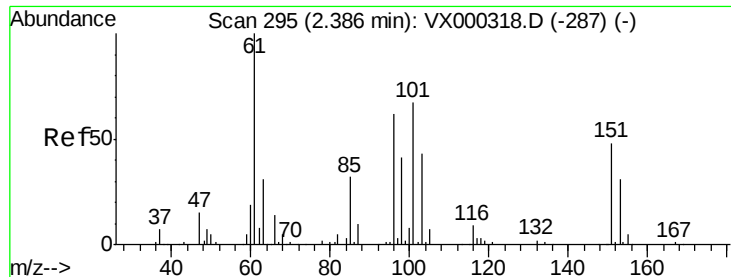
Diethyl Ether
 Concen: 51.12 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Tgt Ion: 74 Resp: 47286
 Ion Ratio Lower Upper
 74 100
 45 93.0 45.1 135.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.23 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

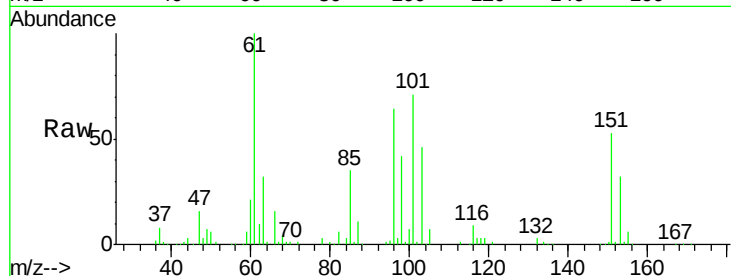
Tgt Ion:101 Resp: 71676

Ion Ratio Lower Upper

101 100

85 49.3 37.6 56.4

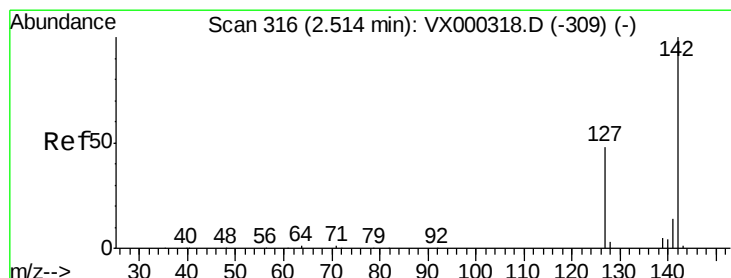
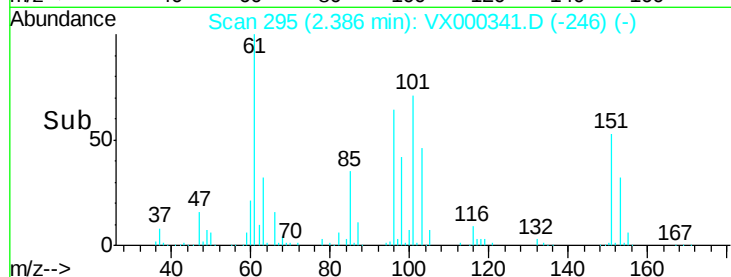
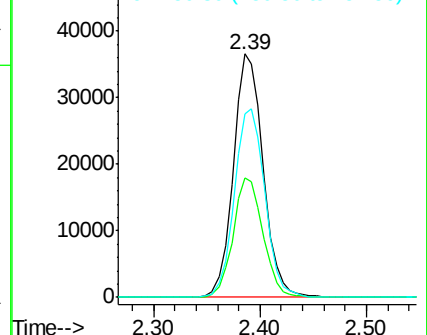
151 79.4 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.94 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

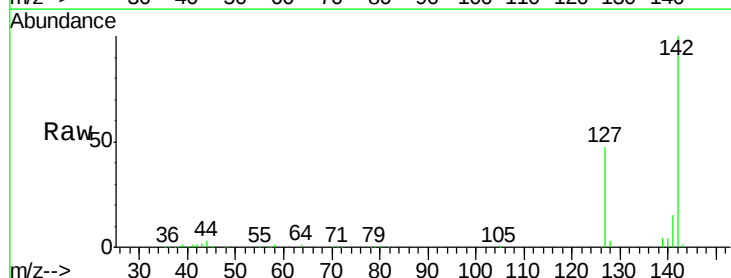
Tgt Ion:142 Resp: 67775

Ion Ratio Lower Upper

142 100

127 49.8 39.2 58.8

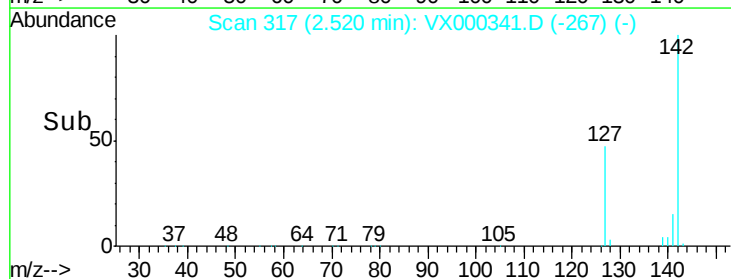
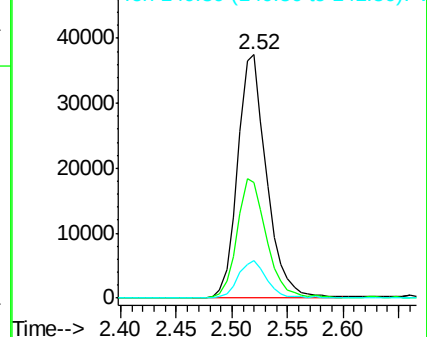
141 15.3 11.7 17.5

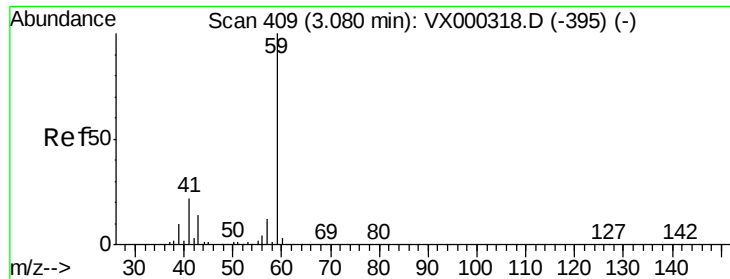


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

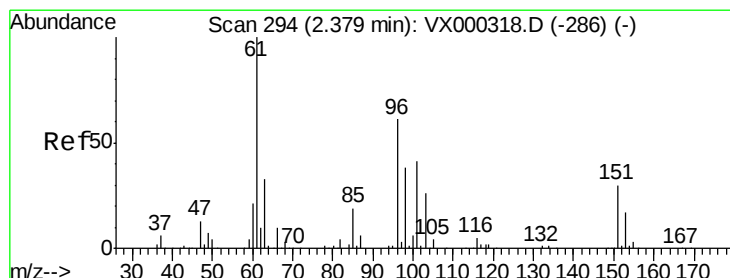
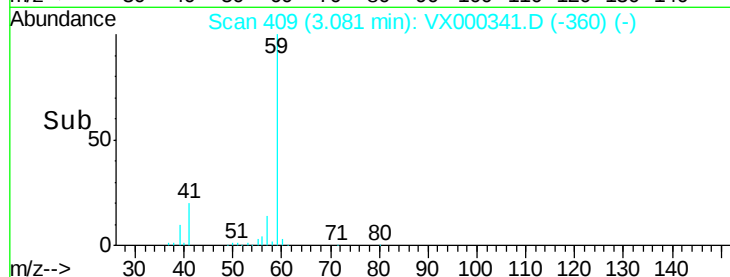
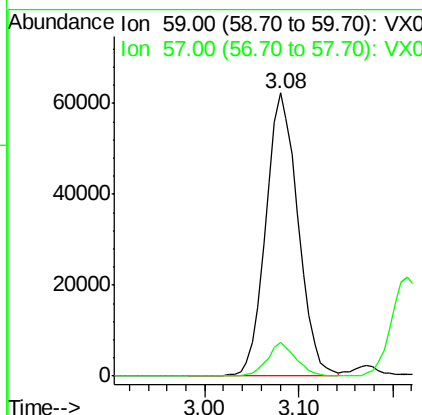
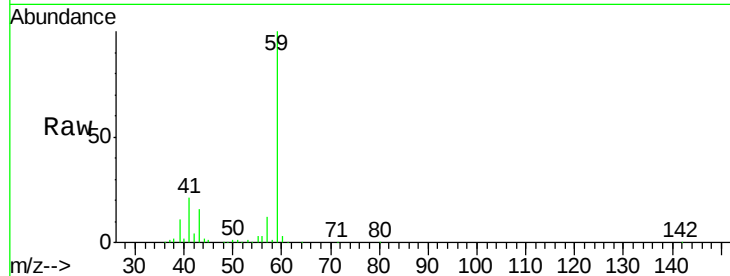




#11
Tert butyl alcohol
Concen: 273.82 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

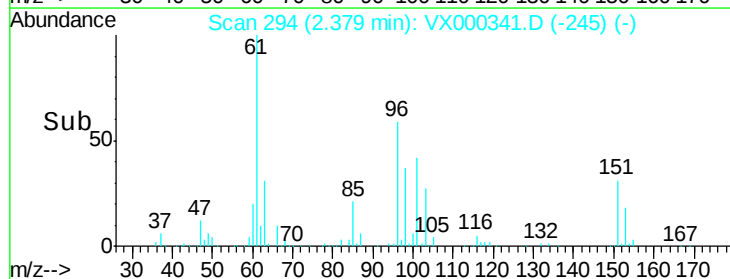
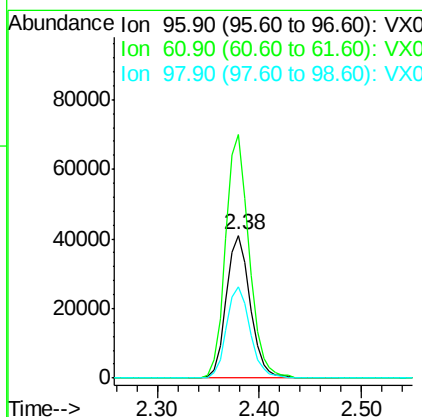
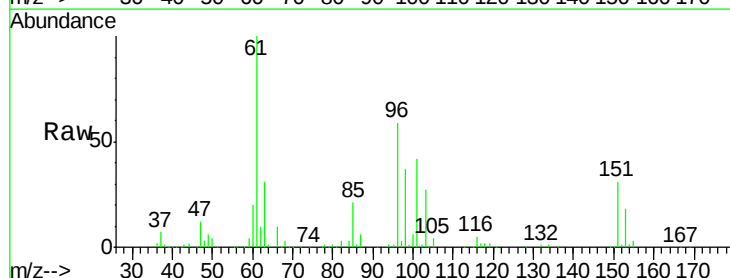
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

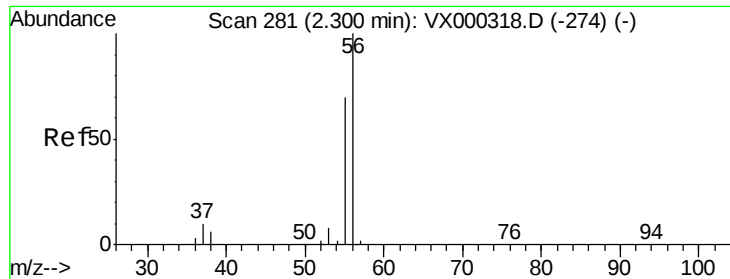
Tgt Ion: 59 Resp: 149078
Ion Ratio Lower Upper
59 100
57 10.7 8.4 12.6



#12
1,1-Dichloroethene
Concen: 50.27 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion: 96 Resp: 66751
Ion Ratio Lower Upper
96 100
61 170.8 131.2 196.8
98 63.9 49.8 74.8





#13

Acrolein

Concen: 293.28 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

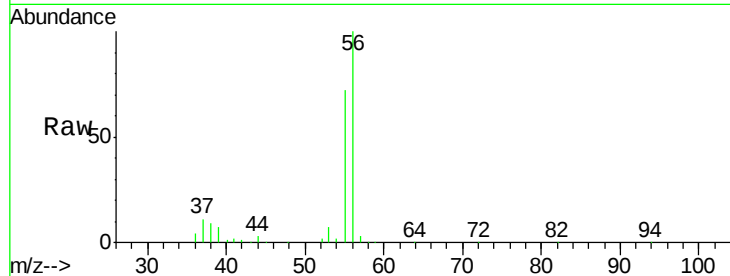
VSTDCCC050EC

Tgt Ion: 56 Resp: 68695

Ion Ratio Lower Upper

56 100

55 71.2 58.8 88.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

50000

40000

30000

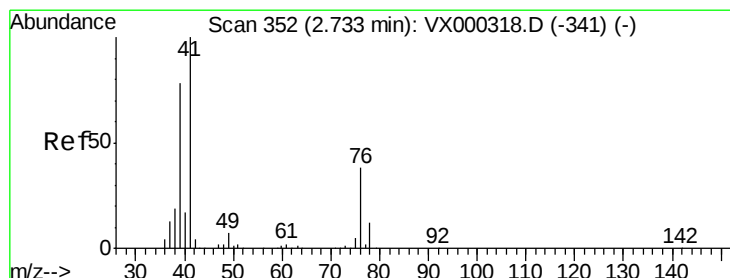
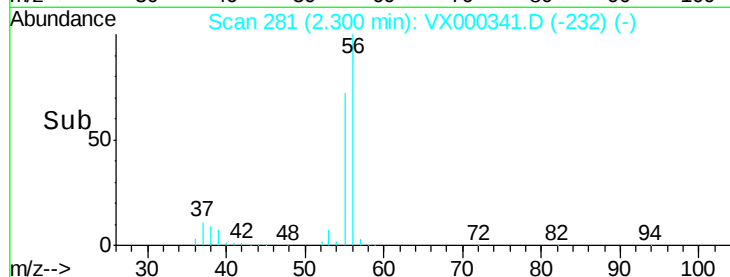
20000

10000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 51.28 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

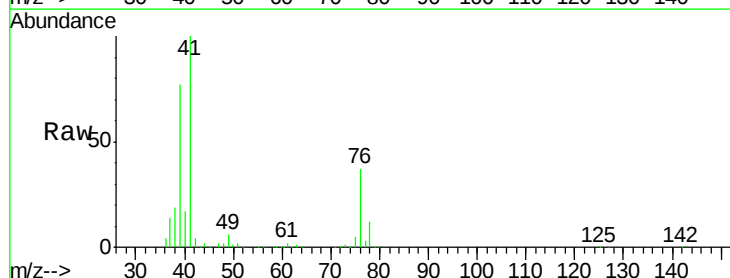
Tgt Ion: 41 Resp: 121412

Ion Ratio Lower Upper

41 100

39 72.5 57.6 86.4

76 33.9 27.3 40.9



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

80000

60000

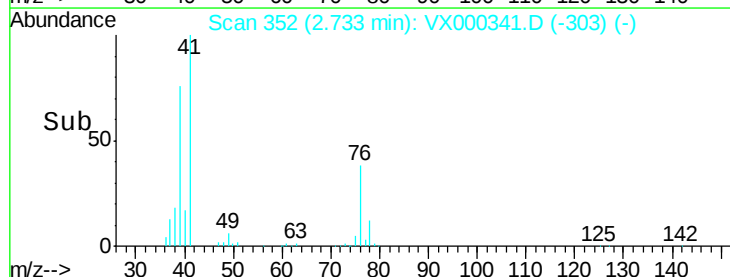
40000

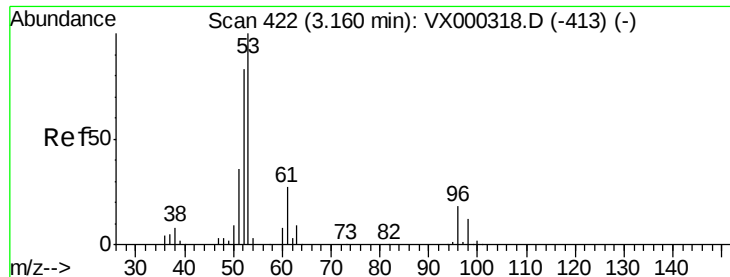
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 271.15 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

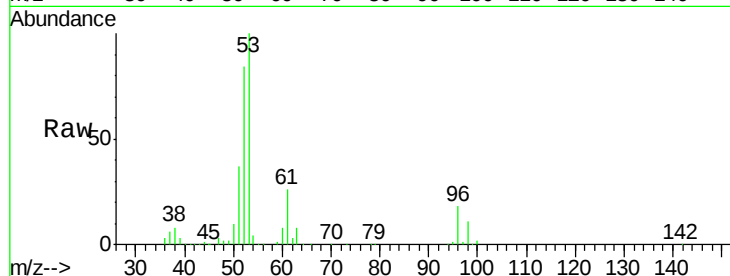
Tgt Ion: 53 Resp: 284650

Ion Ratio Lower Upper

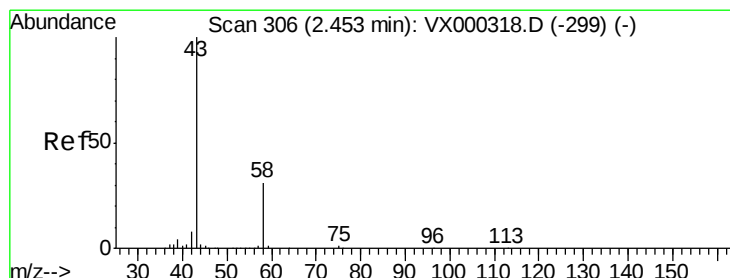
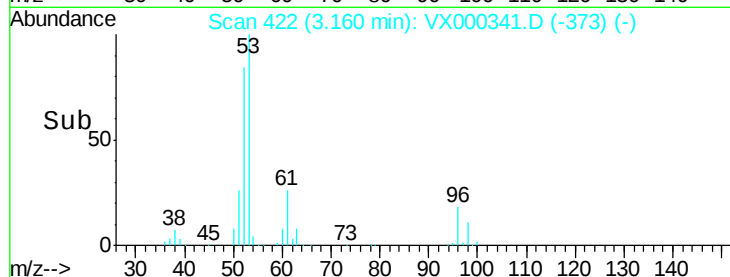
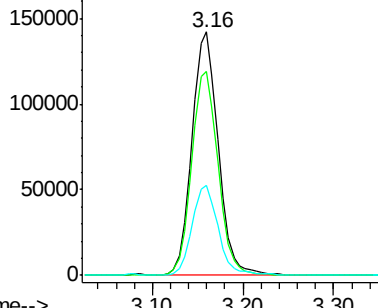
53 100

52 84.5 66.6 99.8

51 37.1 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 271.77 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000341.D

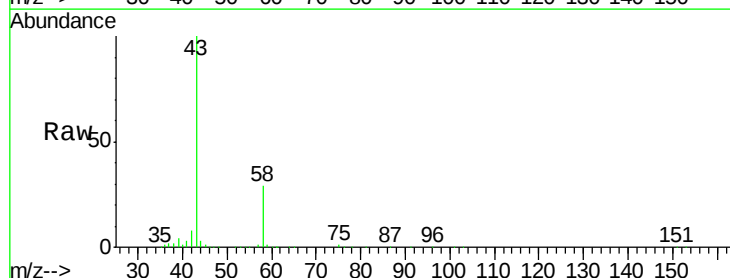
Acq: 15 Mar 2018 20:34

Tgt Ion: 43 Resp: 305347

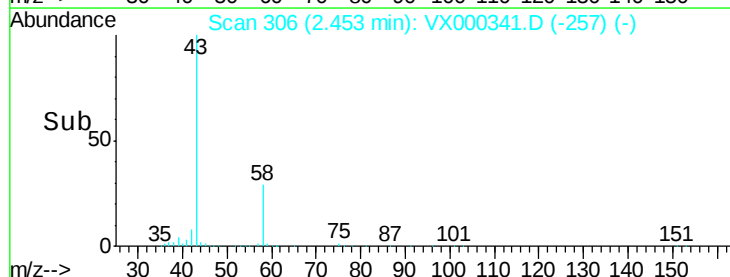
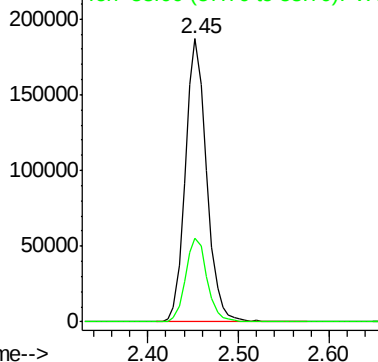
Ion Ratio Lower Upper

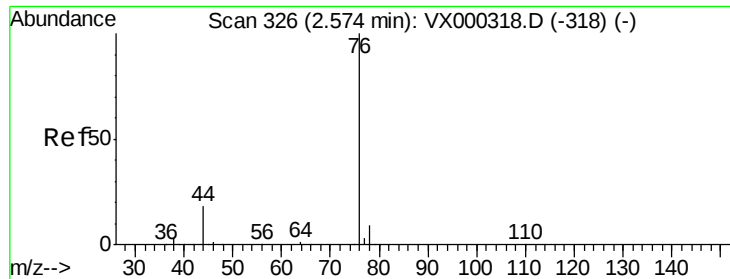
43 100

58 29.3 24.7 37.1



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

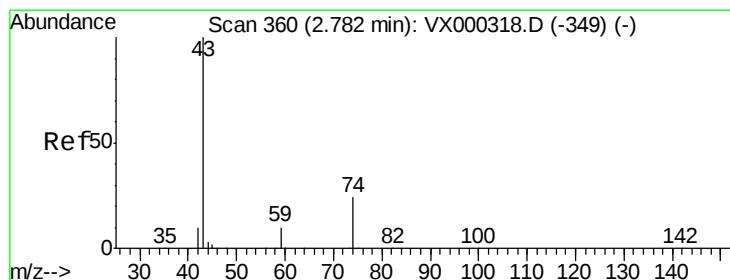
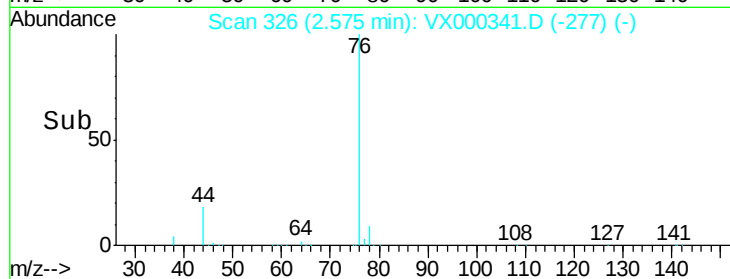
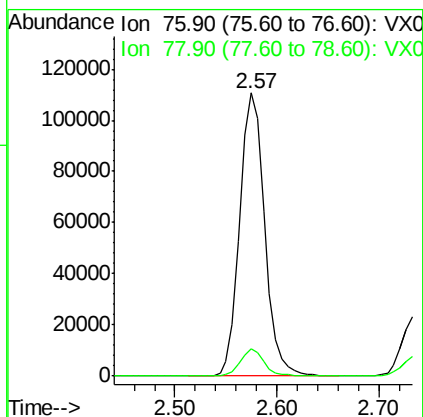
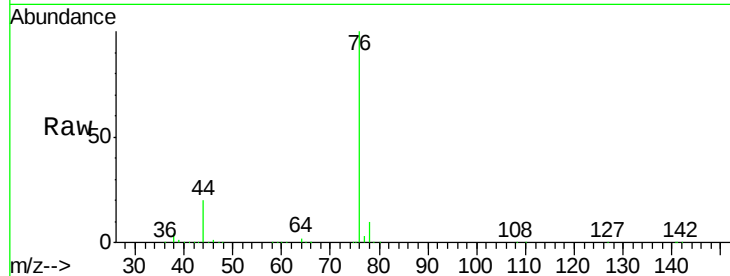




#17
Carbon Disulfide
Concen: 48.47 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

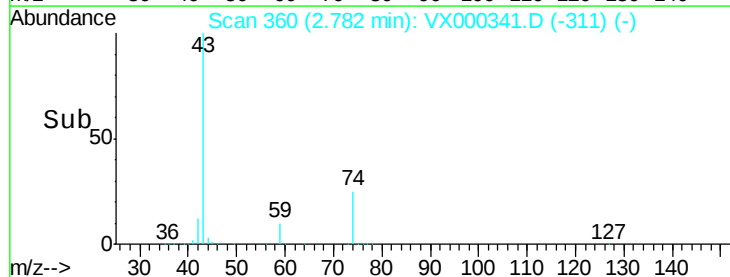
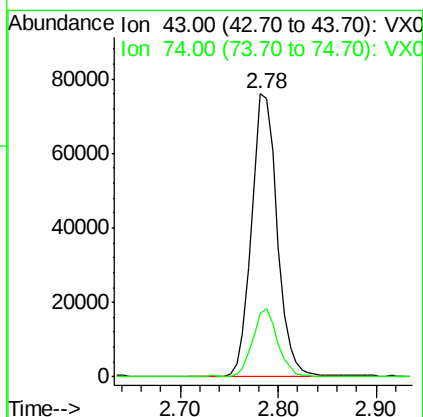
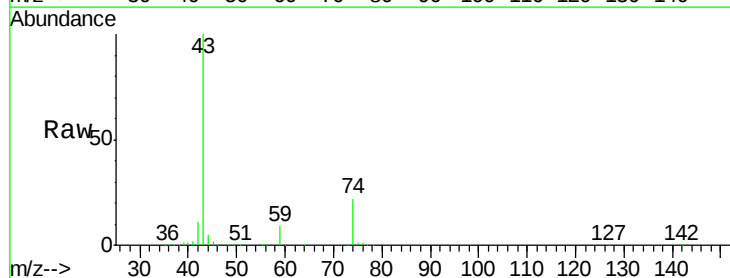
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

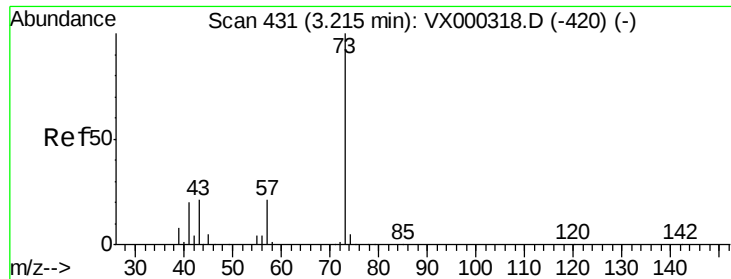
Tgt Ion: 76 Resp: 187981
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 55.02 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion: 43 Resp: 138329
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2

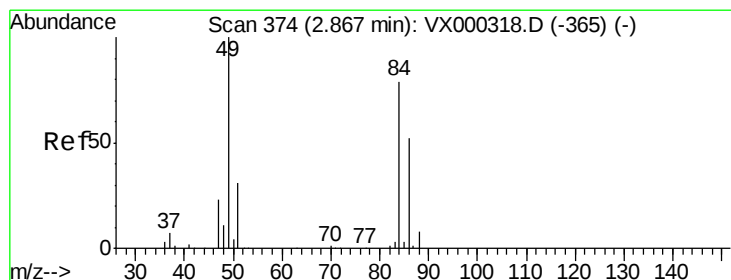
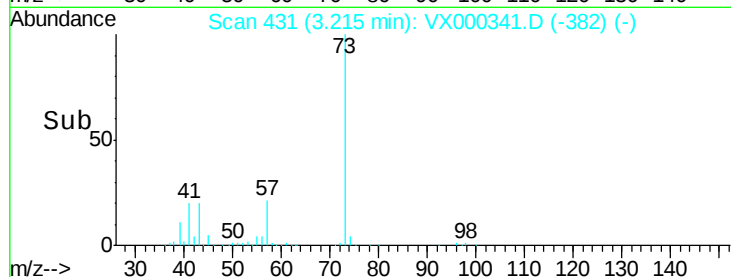
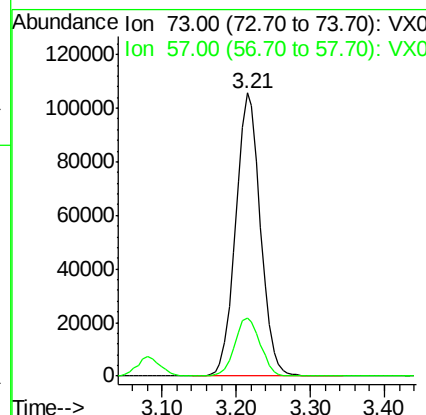
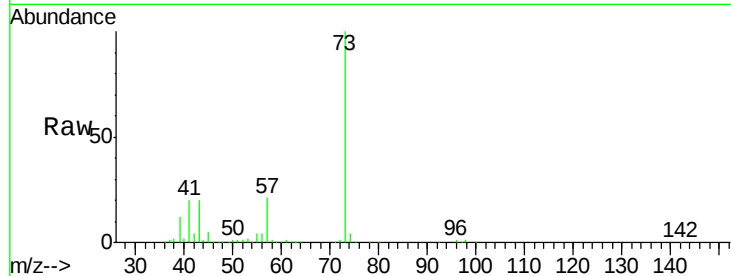




#19
Methyl tert-butyl Ether
Concen: 52.64 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

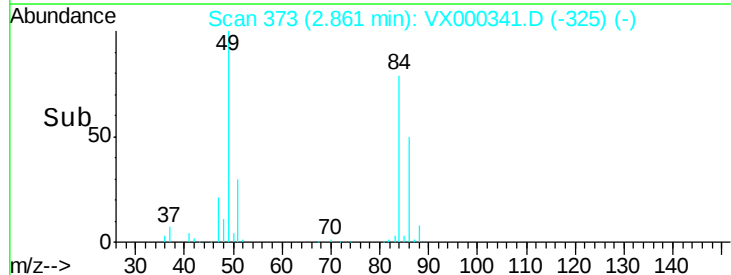
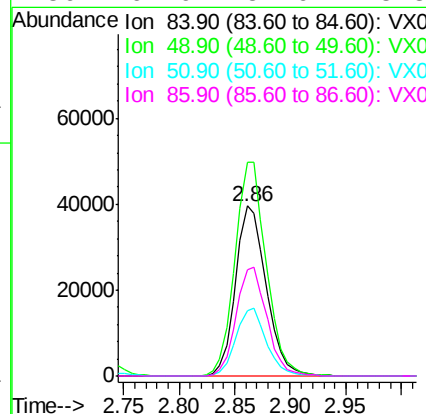
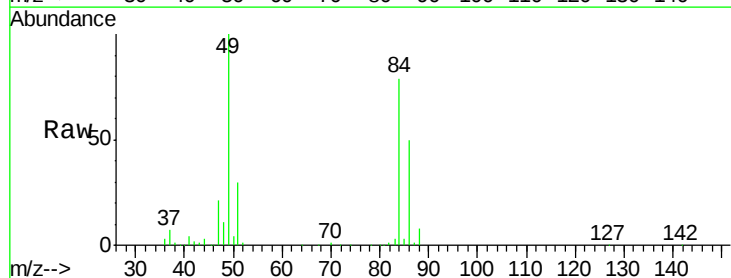
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

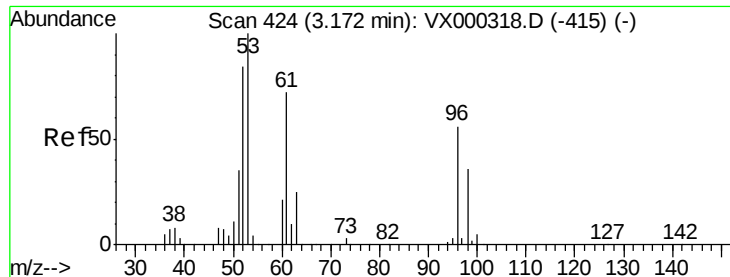
Tgt Ion: 73 Resp: 246074
Ion Ratio Lower Upper
73 100
57 20.7 17.2 25.8



#20
Methylene Chloride
Concen: 52.30 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion: 84 Resp: 76077
Ion Ratio Lower Upper
84 100
49 125.9 100.6 151.0
51 38.2 31.6 47.4
86 62.9 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 49.41 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

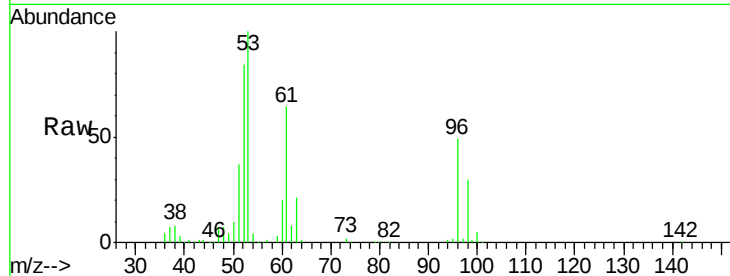
Tgt Ion: 96 Resp: 72524

Ion Ratio Lower Upper

96 100

61 131.8 104.0 156.0

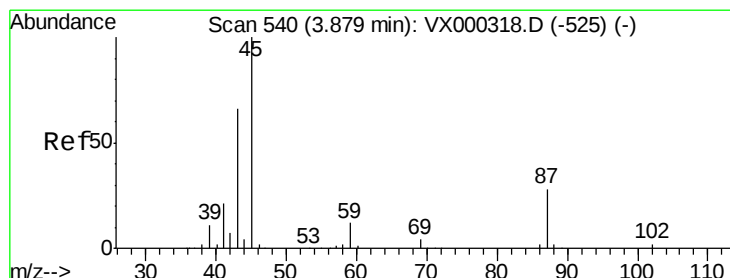
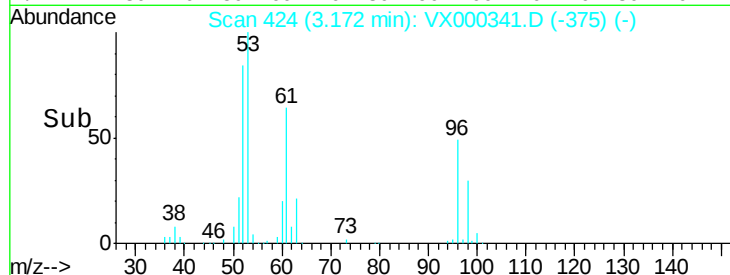
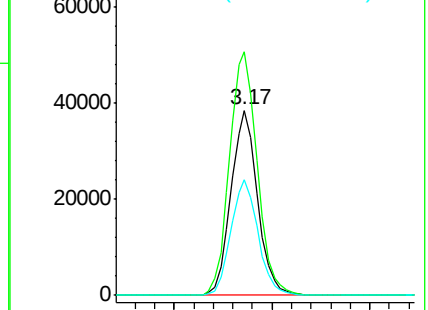
98 62.7 52.1 78.1



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: 47.29 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Tgt Ion: 45 Resp: 186367

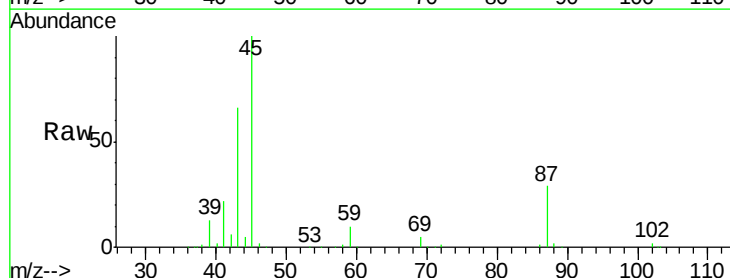
Ion Ratio Lower Upper

45 100

43 65.5 53.9 80.9

87 28.6 22.6 34.0

59 10.2 9.5 14.3

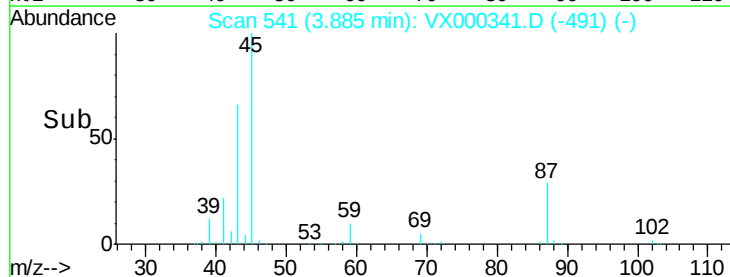
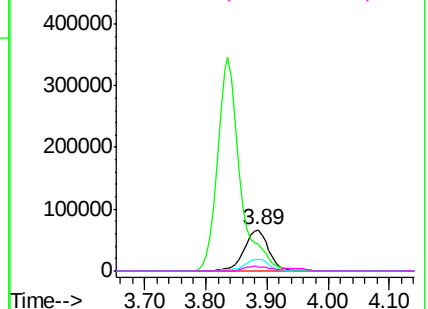


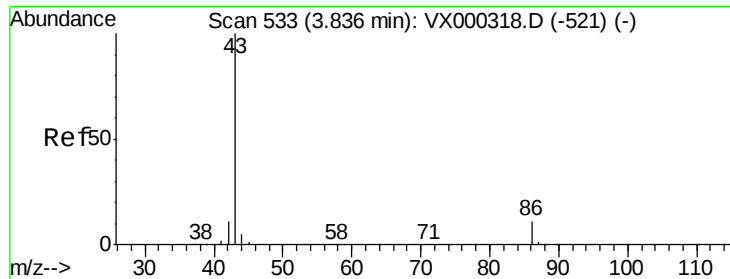
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 239.60 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

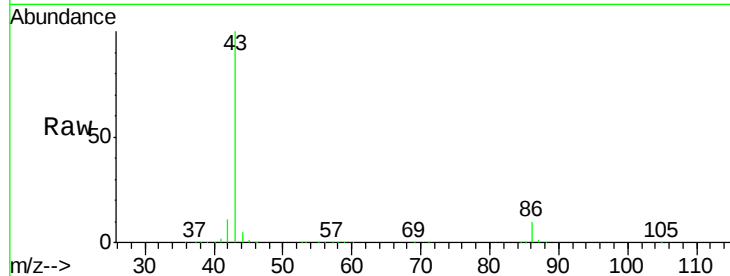
VSTDCCC050EC

Tgt Ion: 43 Resp: 899913

Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.84

400000

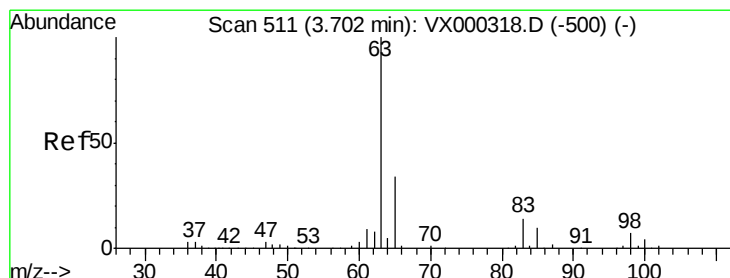
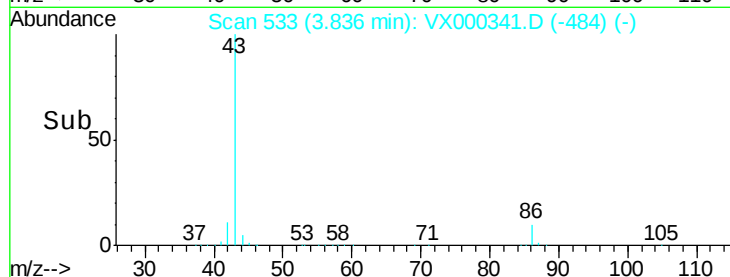
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.53 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

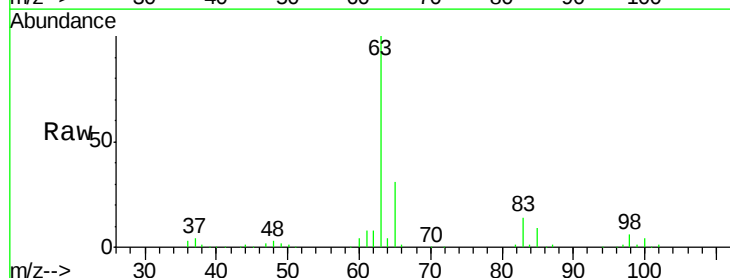
Tgt Ion: 63 Resp: 130229

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.9

100 4.2 2.0 5.8



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

3.71

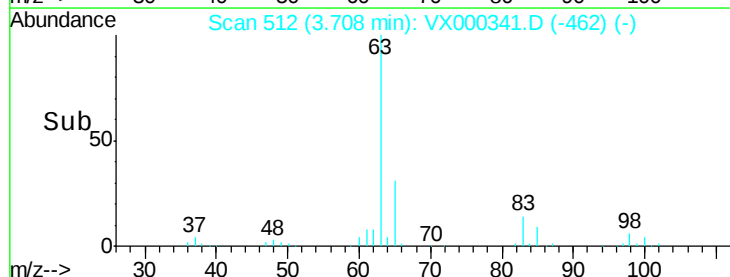
60000

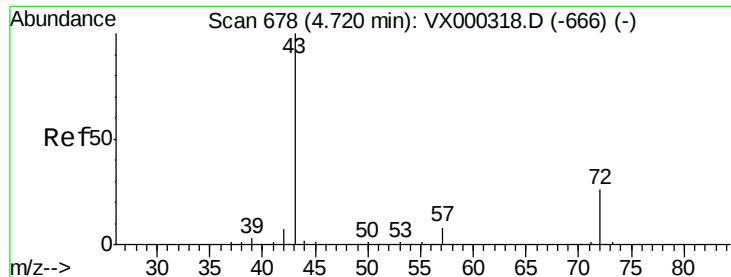
40000

20000

0

Time-->





#25

2-Butanone

Concen: 274.32 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

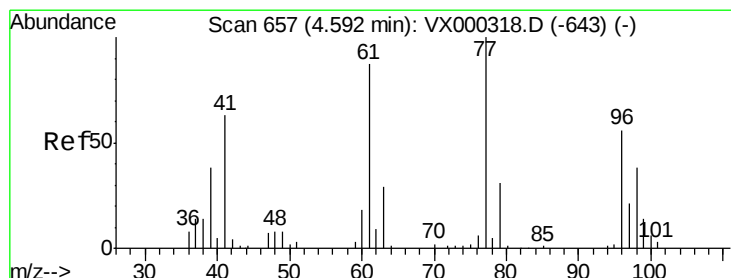
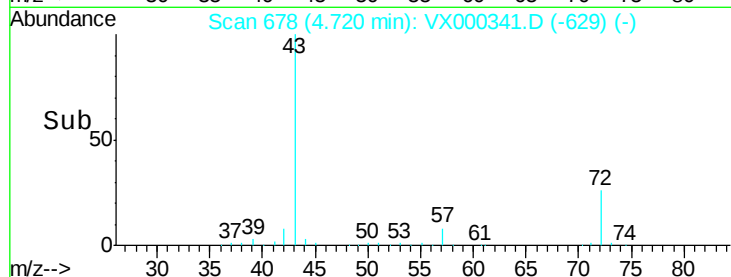
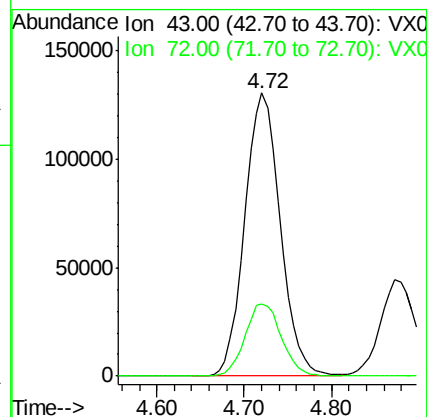
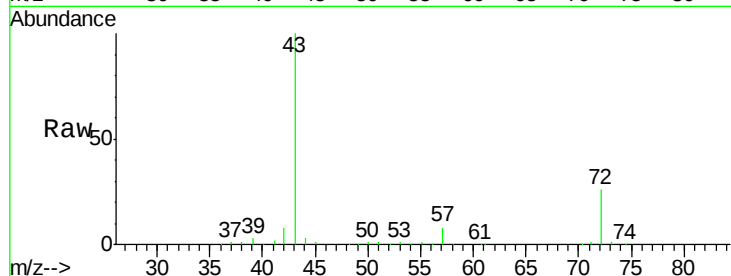
VSTDCCC050EC

Tgt Ion: 43 Resp: 368370

Ion Ratio Lower Upper

43 100

72 25.7 21.0 31.6



#26

2,2-Dichloropropane

Concen: 49.18 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000341.D

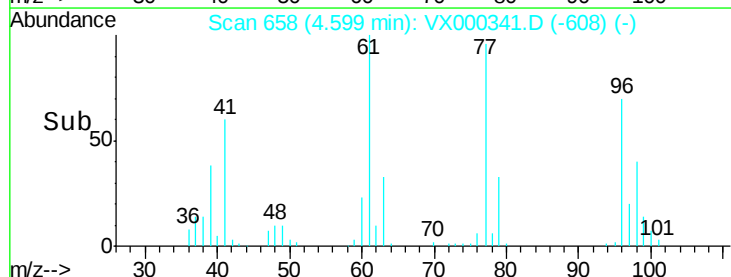
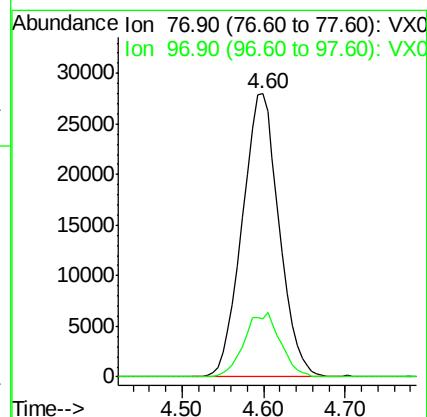
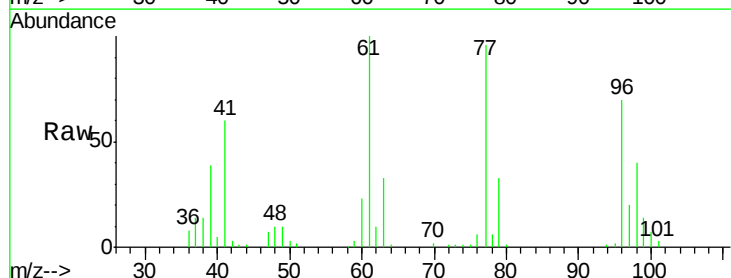
Acq: 15 Mar 2018 20:34

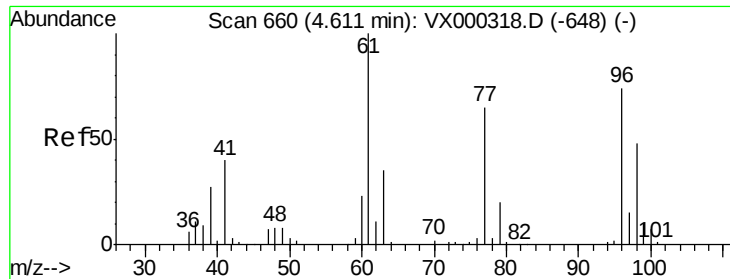
Tgt Ion: 77 Resp: 88000

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 49.54 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

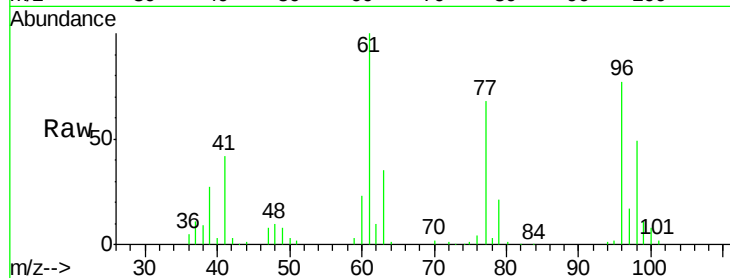
Tgt Ion: 96 Resp: 66423

Ion Ratio Lower Upper

96 100

61 143.4 0.0 291.6

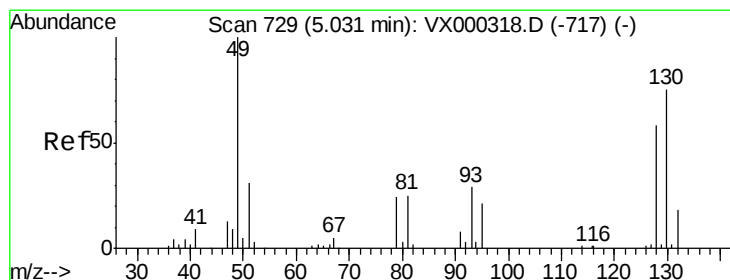
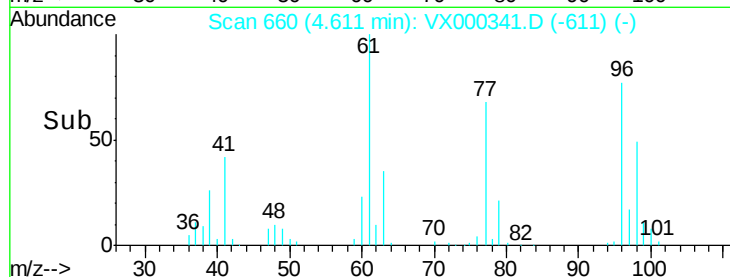
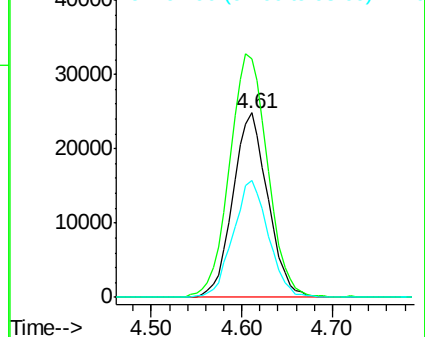
98 63.7 0.0 132.0



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: 48.15 ug/l

RT: 5.04 min Scan# 730

Delta R.T. 0.01 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

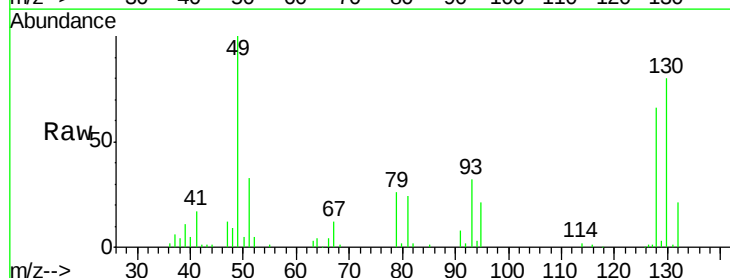
Tgt Ion: 49 Resp: 50170

Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.0

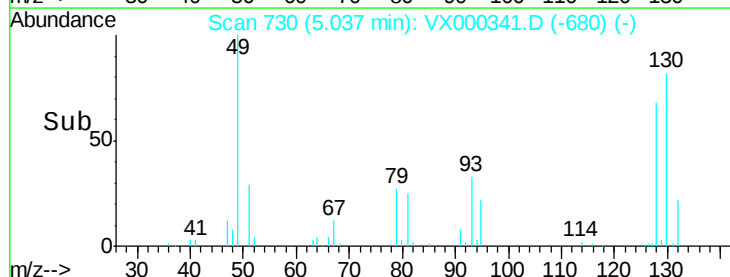
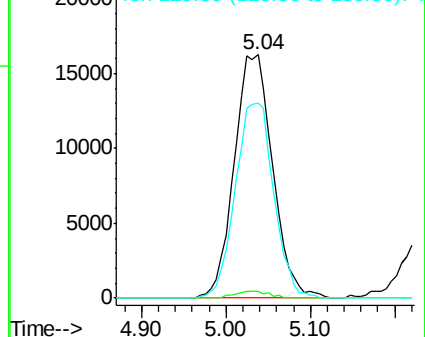
130 80.1 64.0 96.0

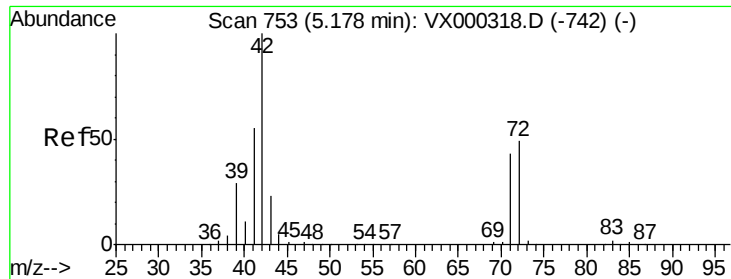


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

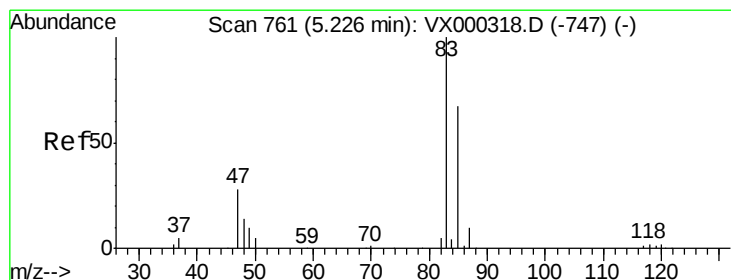
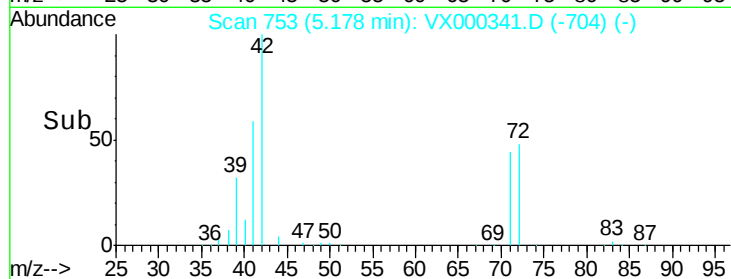
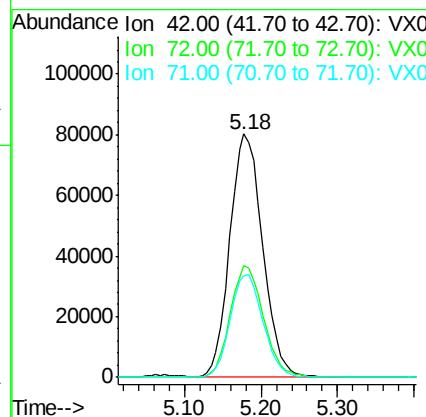
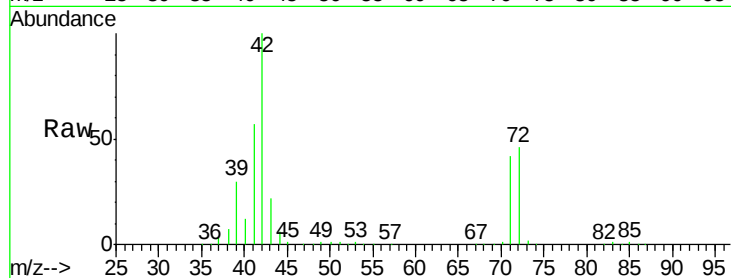




#29
Tetrahydrofuran
Concen: 275.57 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

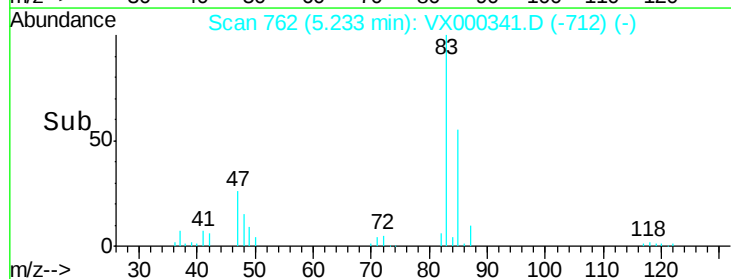
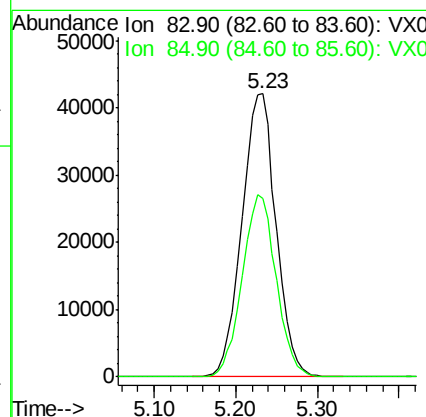
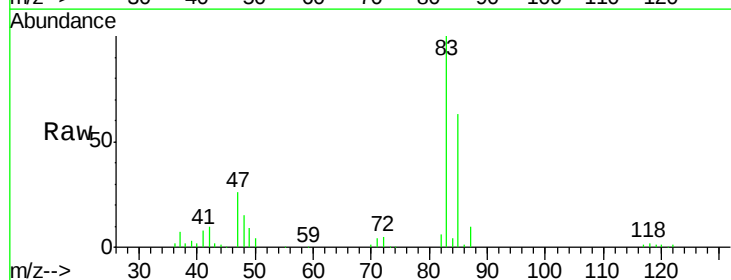
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

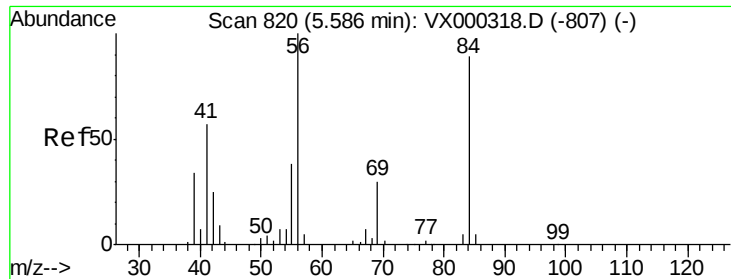
Tgt Ion: 42 Resp: 238171
Ion Ratio Lower Upper
42 100
72 46.7 37.9 56.9
71 42.3 34.4 51.6



#30
Chloroform
Concen: 52.26 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion: 83 Resp: 122316
Ion Ratio Lower Upper
83 100
85 62.8 53.3 79.9

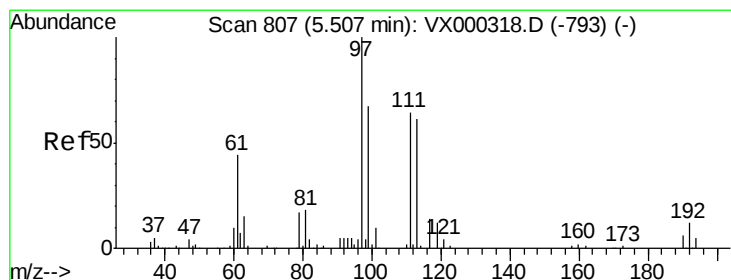
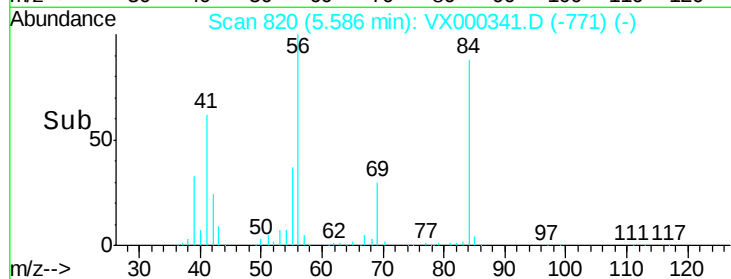
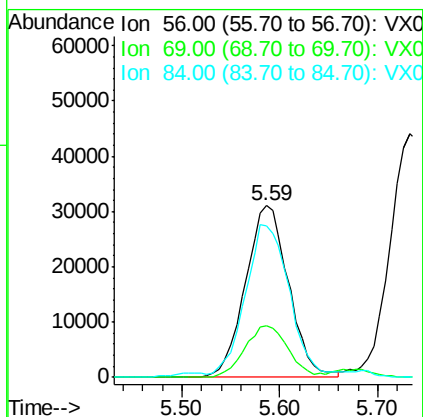
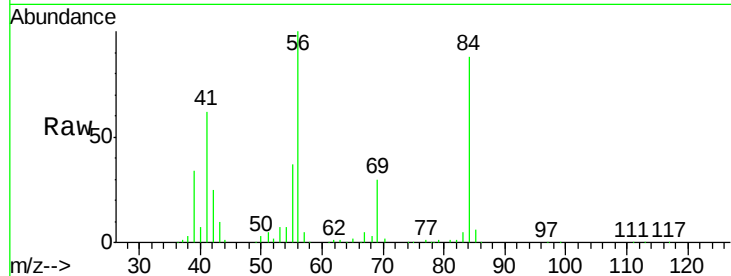




#31
Cyclohexane
Concen: 50.03 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

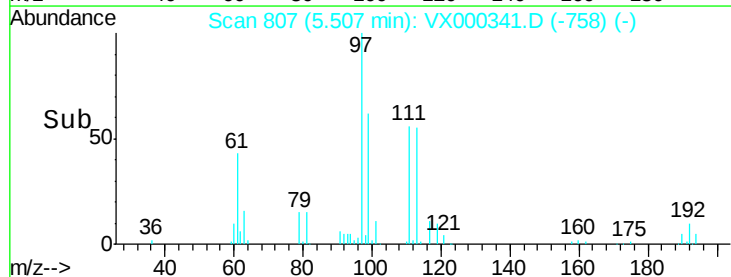
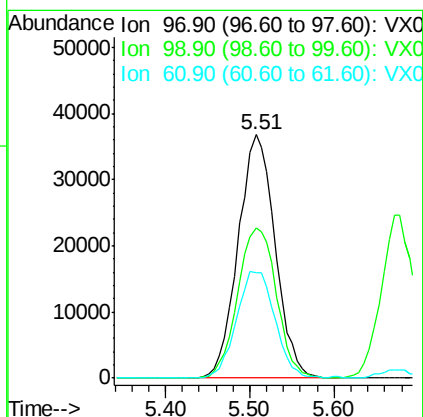
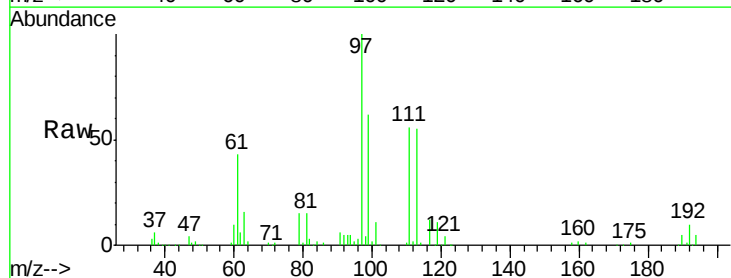
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

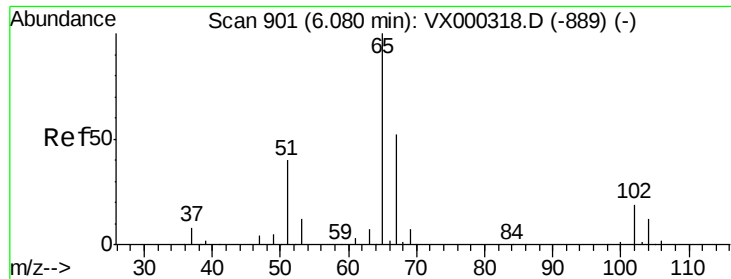
Tgt Ion: 56 Resp: 95168
Ion Ratio Lower Upper
56 100
69 30.0 23.4 35.0
84 85.3 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 52.77 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion: 97 Resp: 109140
Ion Ratio Lower Upper
97 100
99 64.8 52.1 78.1
61 45.7 36.2 54.4

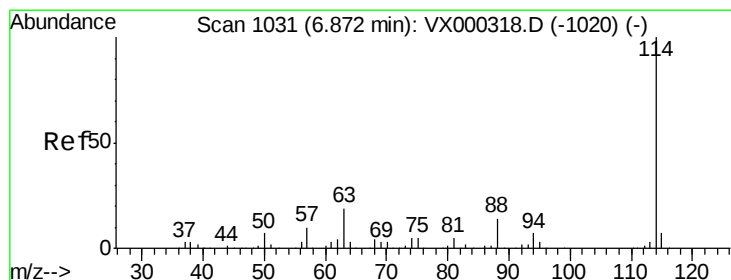
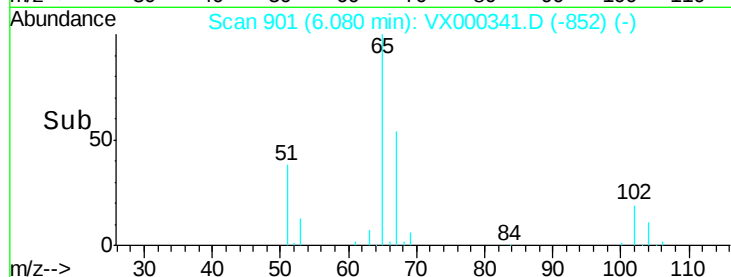
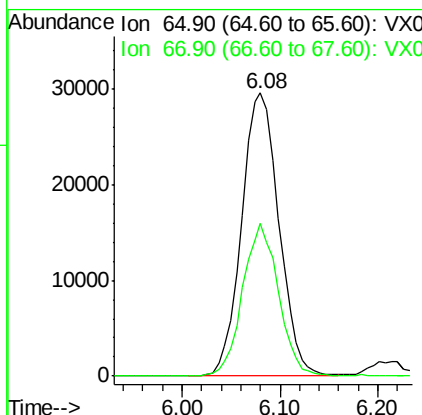
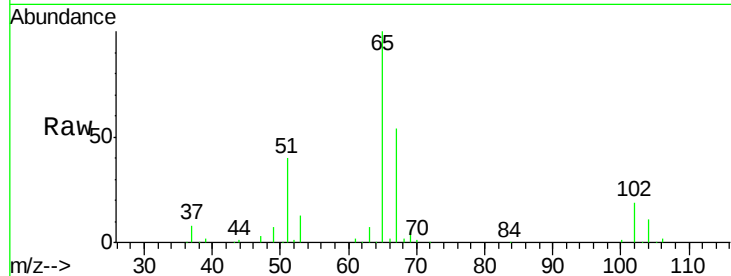




#33
 1,2-Dichloroethane-d4
 Concen: 46.52 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

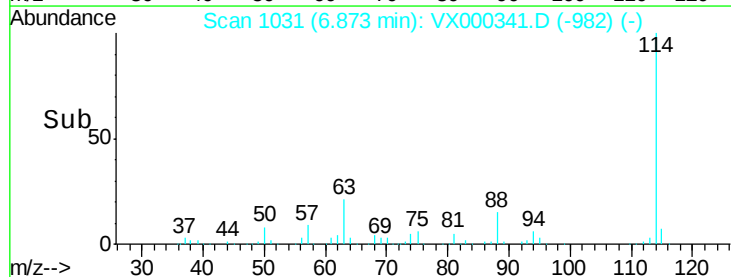
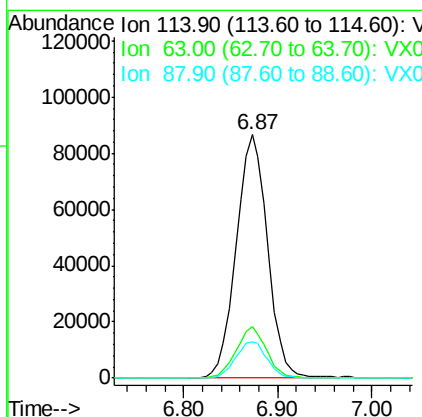
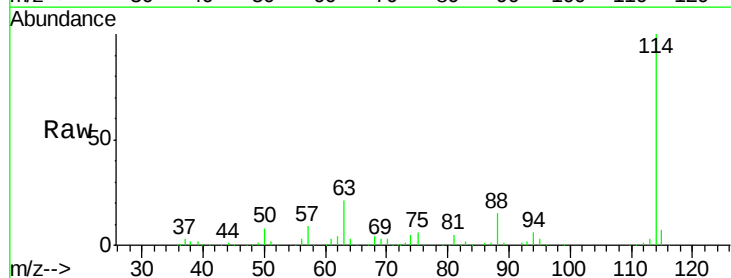
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

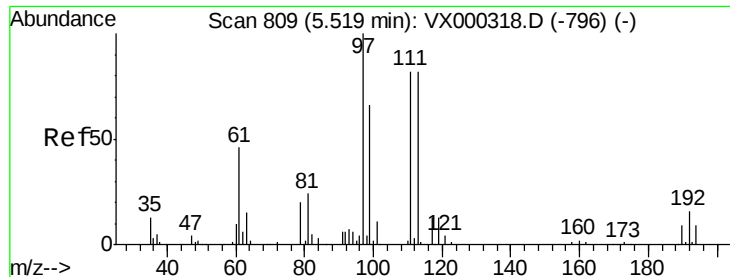
Tgt Ion: 65 Resp: 78270
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Tgt Ion: 114 Resp: 201261
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 38.4
 88 15.0 0.0 27.0





#35

Dibromofluoromethane

Concen: 49.03 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

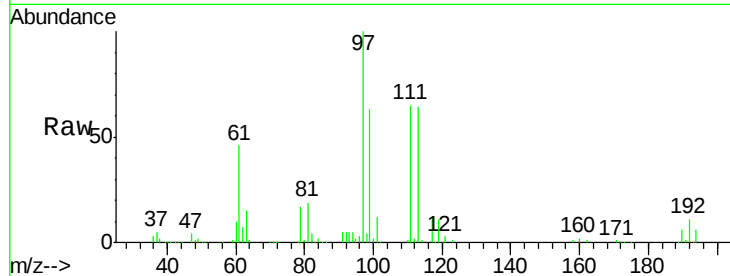
Tgt Ion:113 Resp: 62261

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

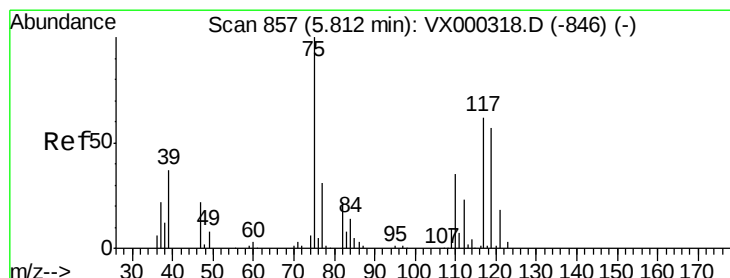
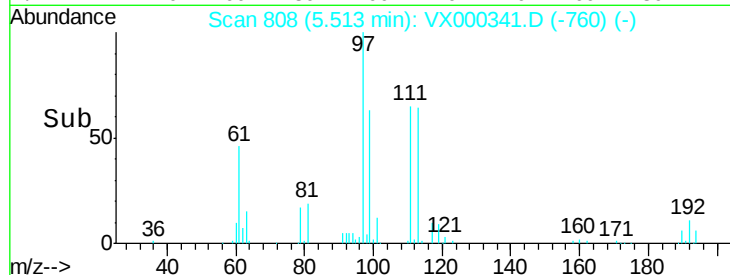
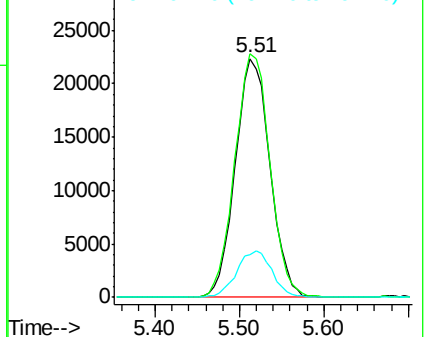
192 19.9 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.11 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

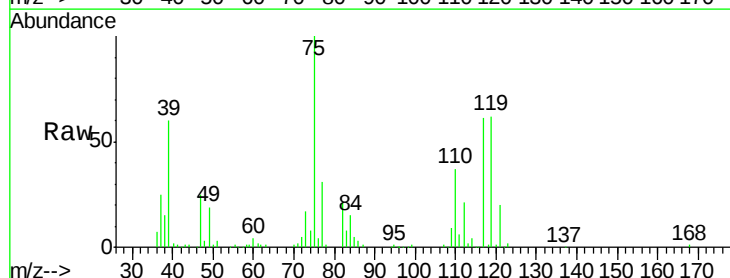
Tgt Ion: 75 Resp: 89803

Ion Ratio Lower Upper

75 100

110 36.2 17.9 53.7

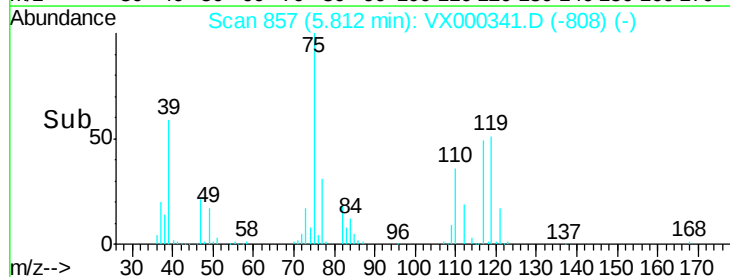
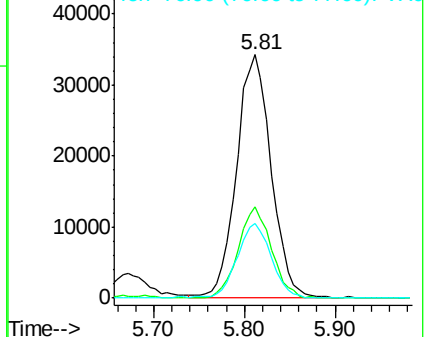
77 30.7 24.0 36.0

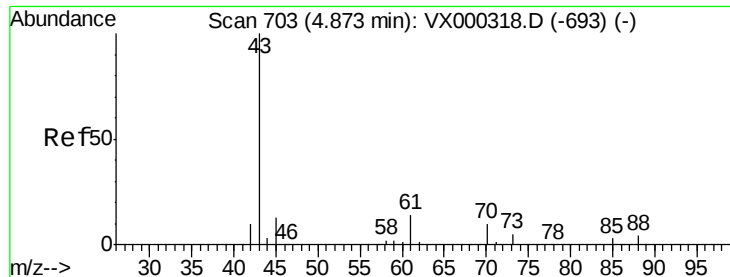


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

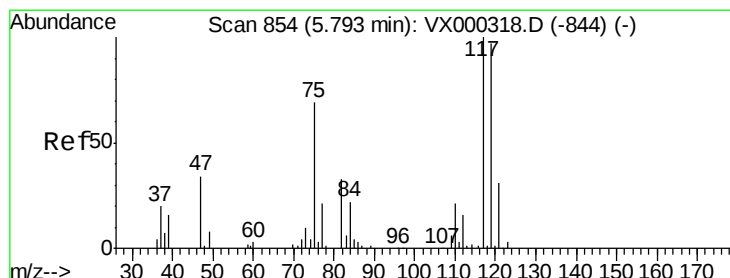
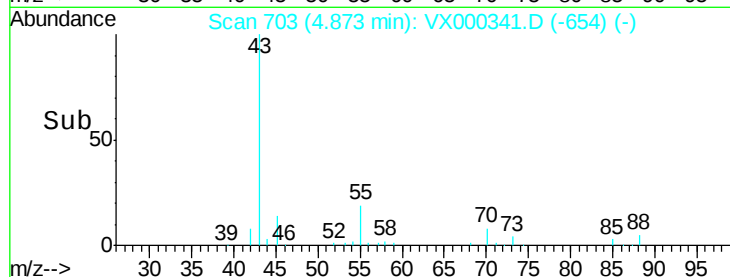
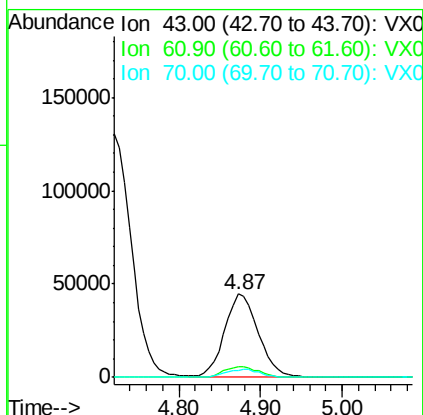
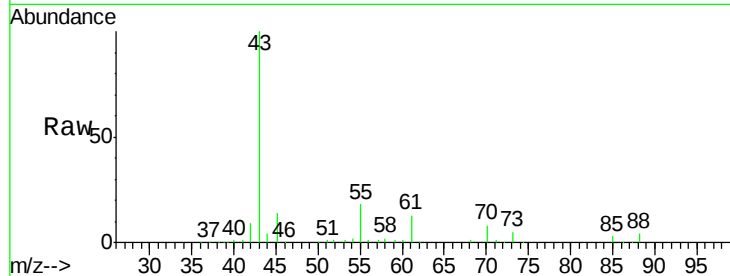




#37
Ethyl Acetate
Concen: 52.07 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

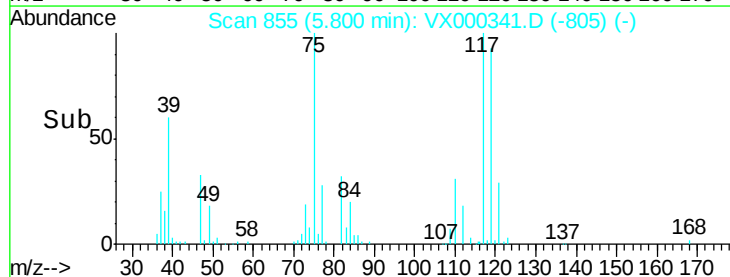
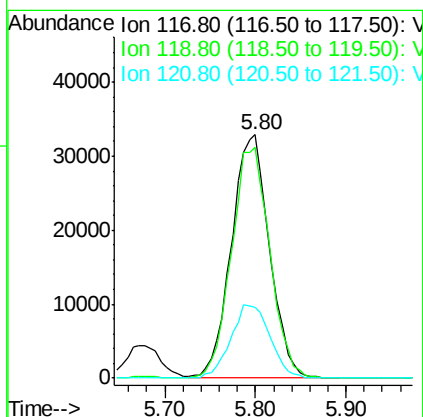
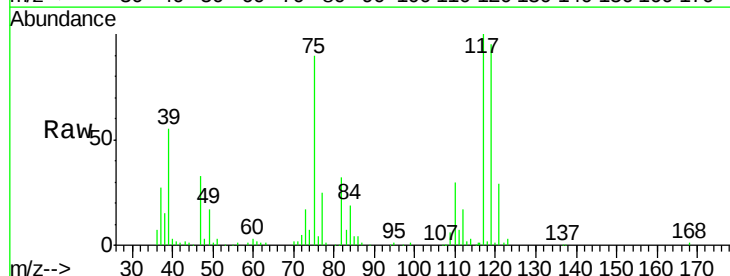
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

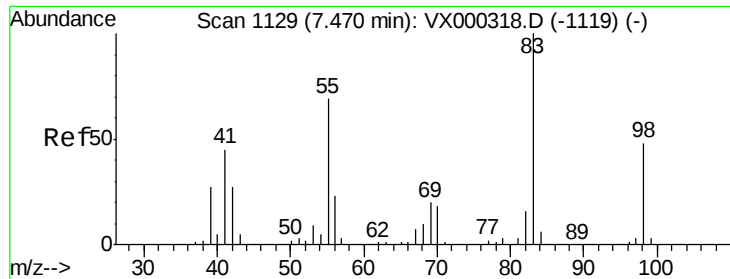
Tgt Ion: 43 Resp: 126562
Ion Ratio Lower Upper
43 100
61 13.6 11.1 16.7
70 10.0 7.7 11.5



#38
Carbon Tetrachloride
Concen: 51.88 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion: 117 Resp: 95650
Ion Ratio Lower Upper
117 100
119 94.6 77.4 116.2
121 29.3 24.8 37.2

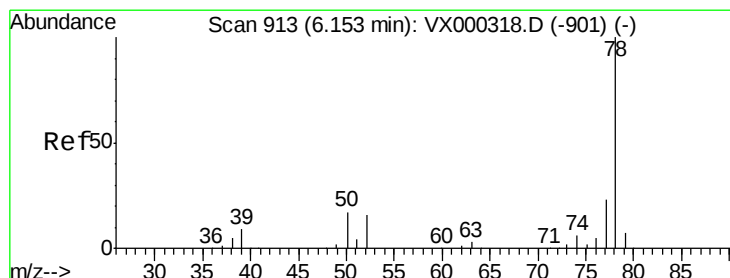
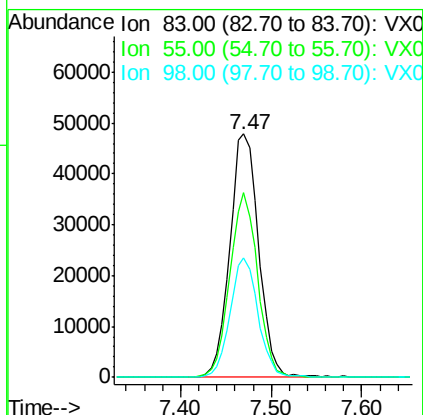
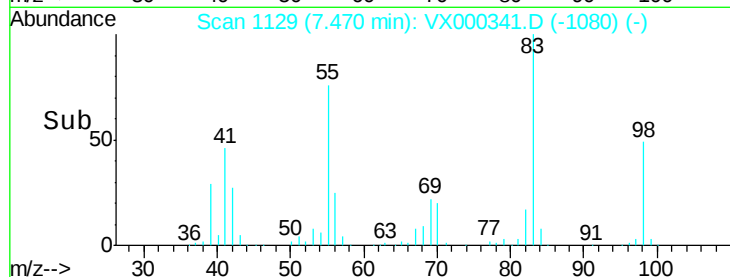
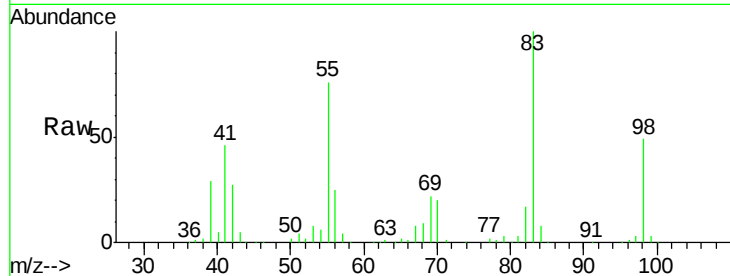




#39
Methylcyclohexane
Concen: 49.66 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

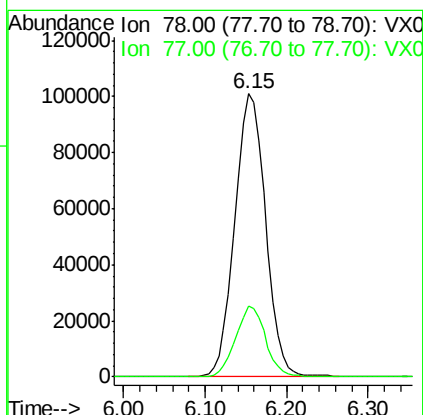
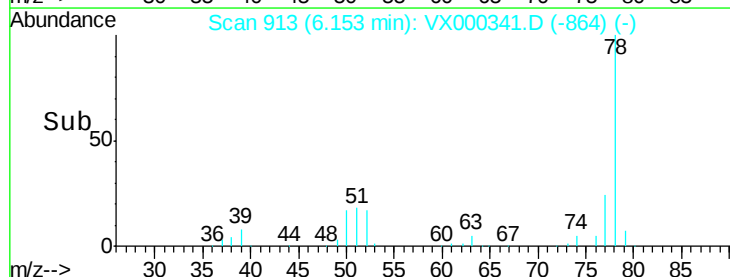
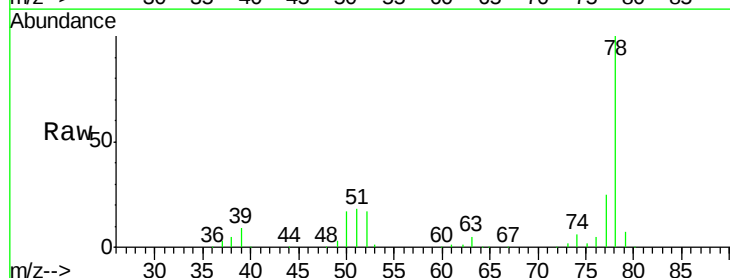
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

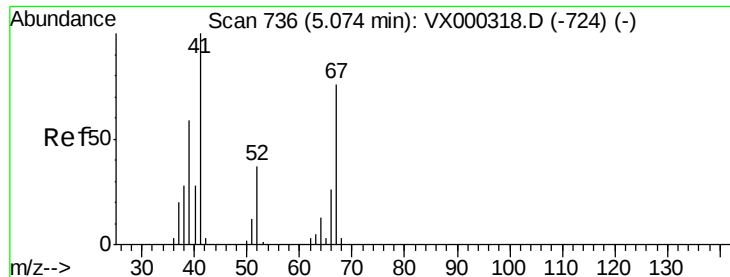
Tgt Ion: 83 Resp: 105912
Ion Ratio Lower Upper
83 100
55 76.1 55.5 83.3
98 49.1 38.2 57.4



#40
Benzene
Concen: 50.91 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion: 78 Resp: 264122
Ion Ratio Lower Upper
78 100
77 25.1 18.7 28.1

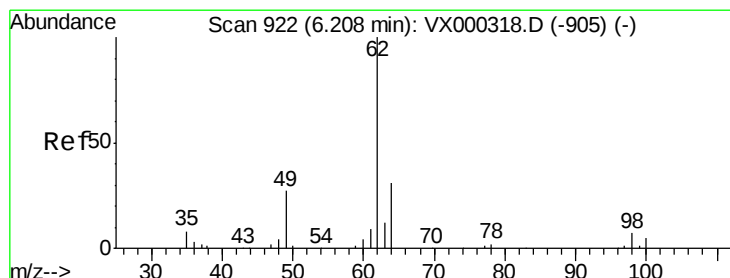
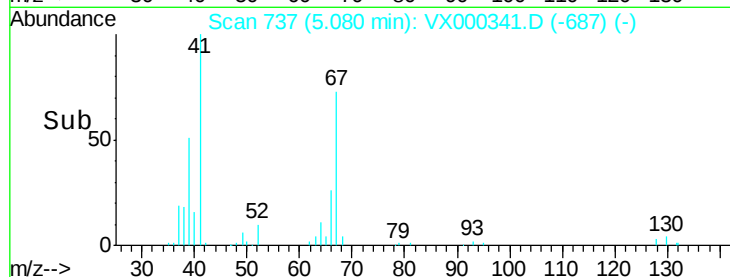
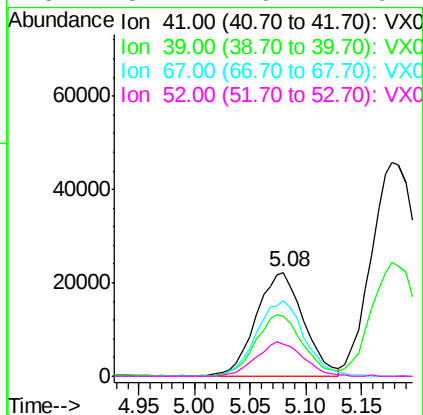
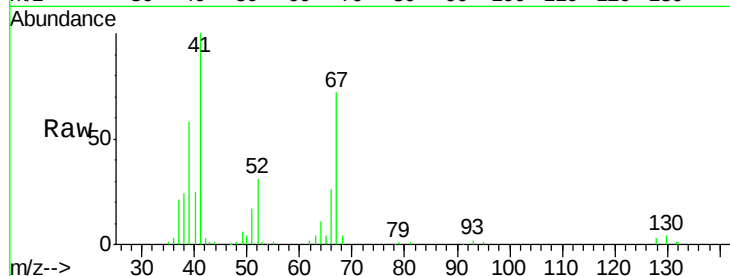




#41
Methacrylonitrile
Concen: 51.84 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

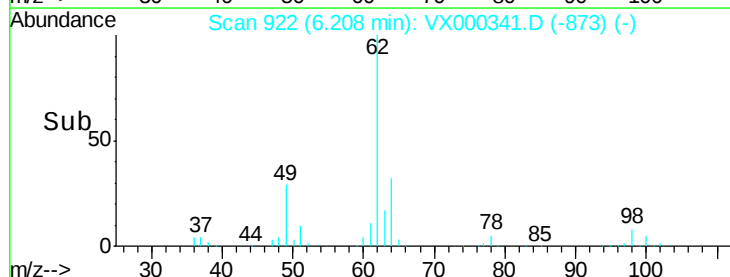
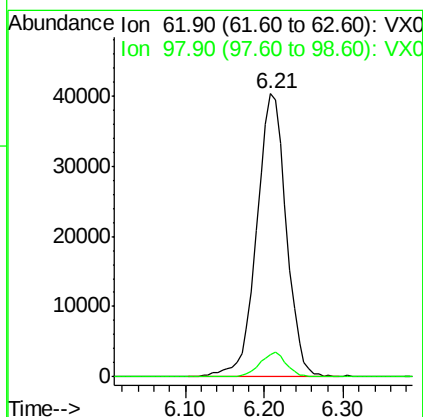
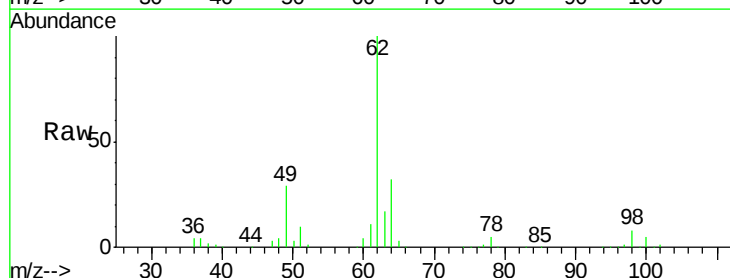
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

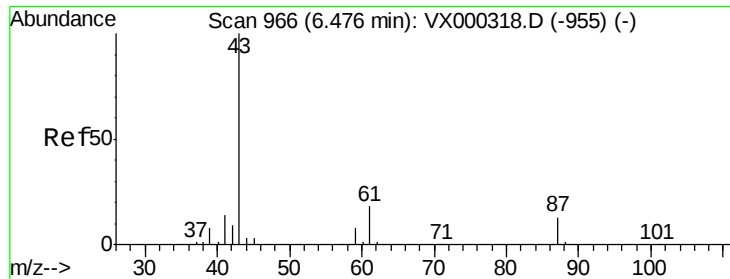
Tgt Ion:	41	Resp:	66151
Ion	Ratio	Lower	Upper
41	100		
39	57.6	45.7	68.5
67	73.0	57.8	86.8
52	32.7	26.7	40.1



#42
1,2-Dichloroethane
Concen: 51.05 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion:	62	Resp:	104976
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.8



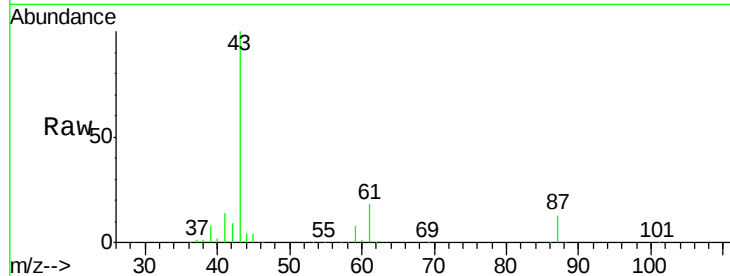


#43

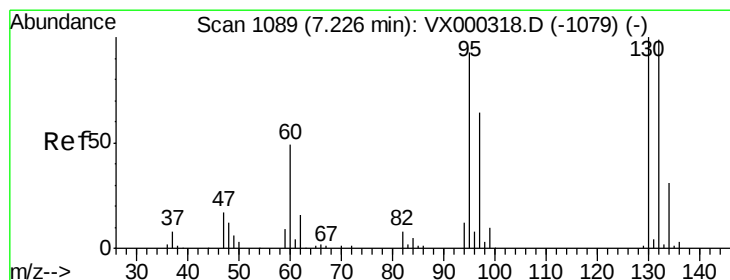
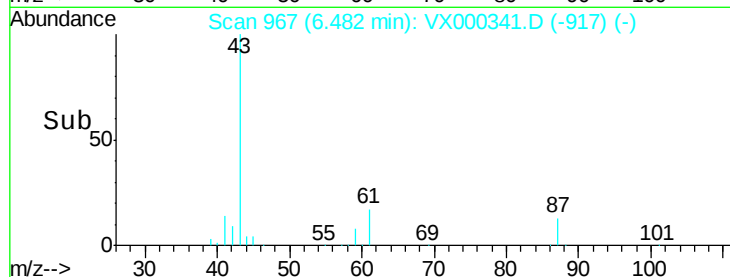
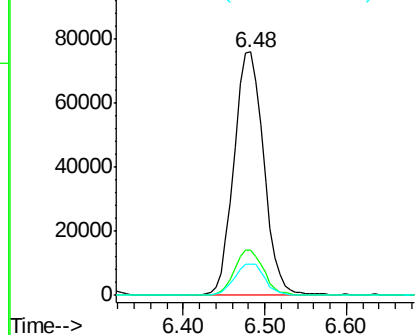
Isopropyl Acetate
 Concen: 54.42 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 190894
 Ion Ratio Lower Upper
 43 100
 61 18.3 14.4 21.6
 87 13.0 11.0 16.4



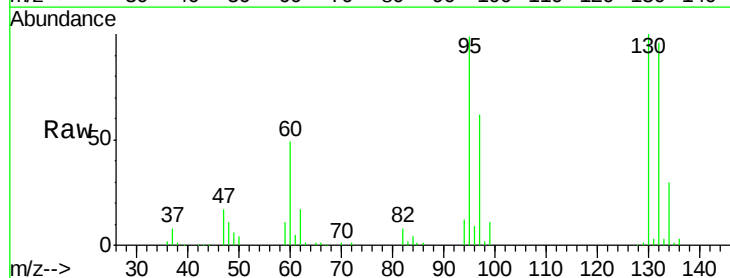
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



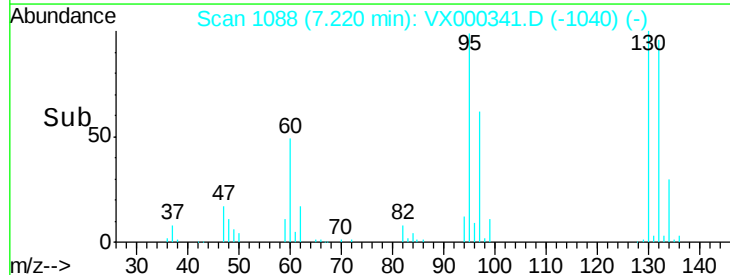
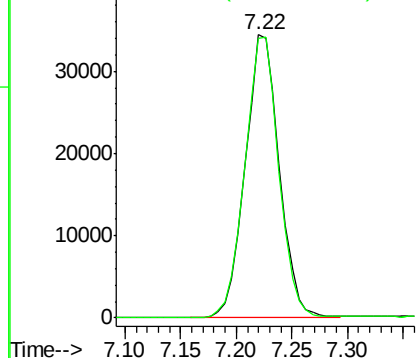
#44

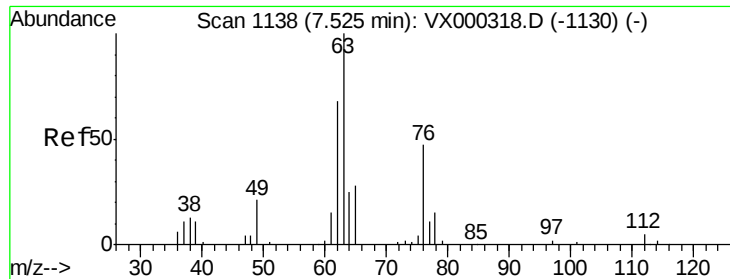
Trichloroethene
 Concen: 48.65 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Tgt Ion: 130 Resp: 73130
 Ion Ratio Lower Upper
 130 100
 95 98.6 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

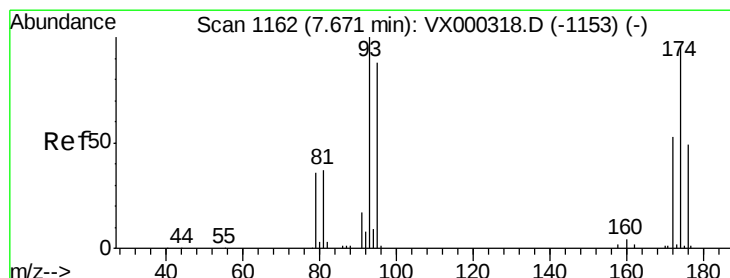
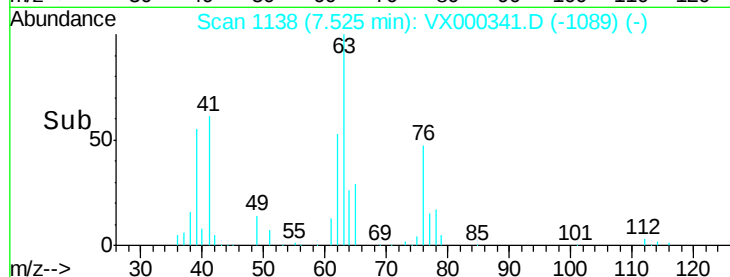
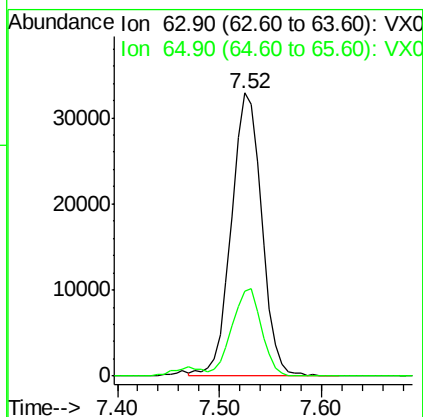
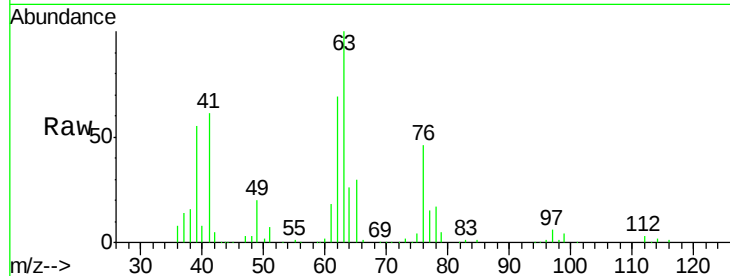




#45
 1,2-Dichloropropane
 Concen: 52.85 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

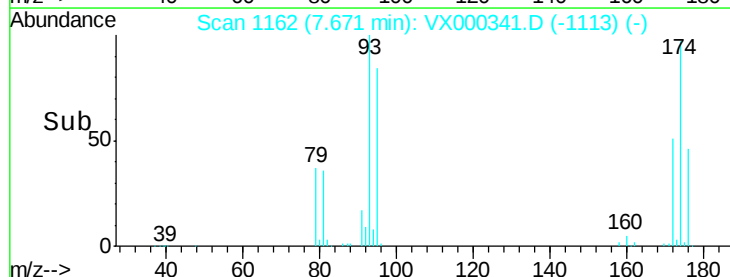
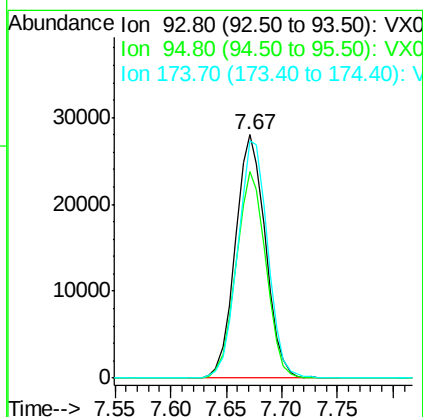
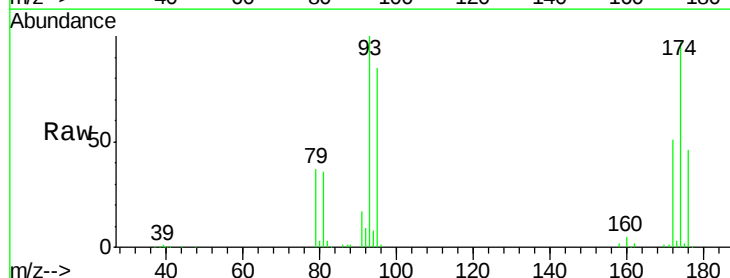
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

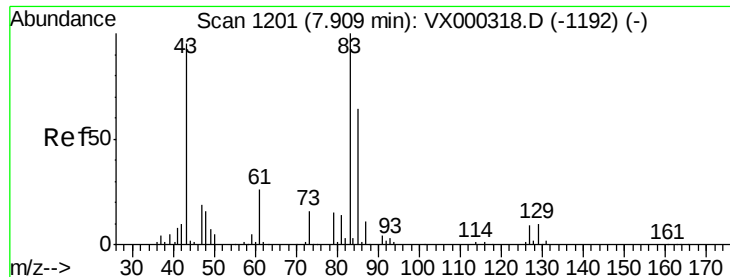
Tgt Ion: 63 Resp: 67620
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.6 36.8



#46
 Dibromomethane
 Concen: 50.80 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Tgt Ion: 93 Resp: 52214
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.5 99.7
 174 97.7 76.0 114.0





#47

Bromodichloromethane

Concen: 54.17 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

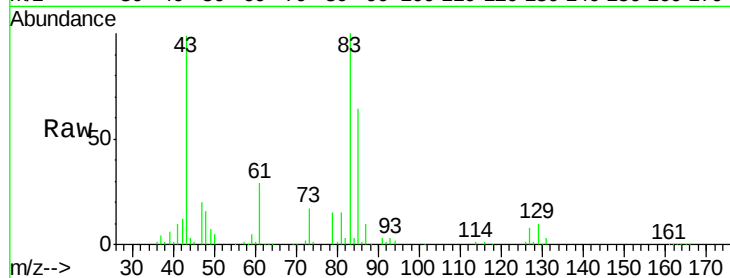
Tgt Ion: 83 Resp: 98832

Ion Ratio Lower Upper

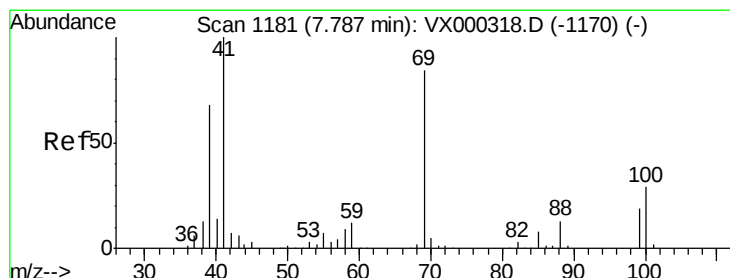
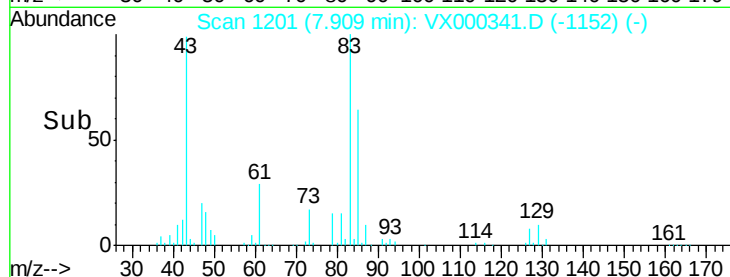
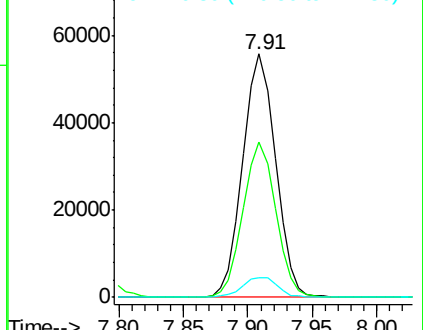
83 100

85 63.8 51.4 77.0

127 8.2 7.0 10.6



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: 52.57 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

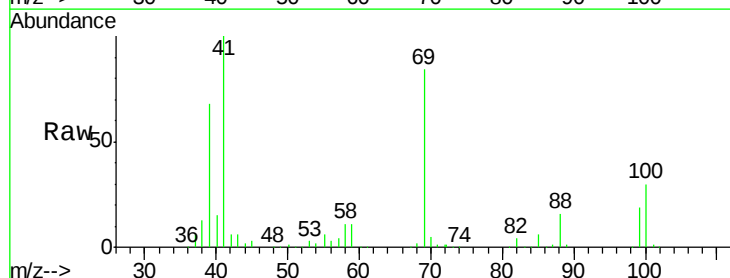
Tgt Ion: 41 Resp: 93231

Ion Ratio Lower Upper

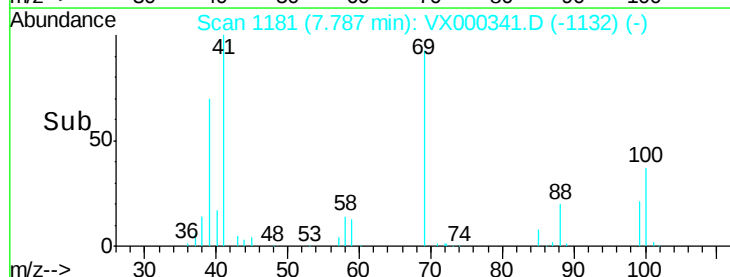
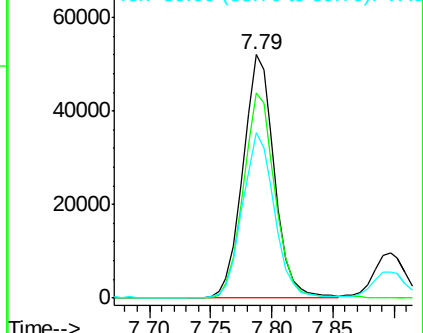
41 100

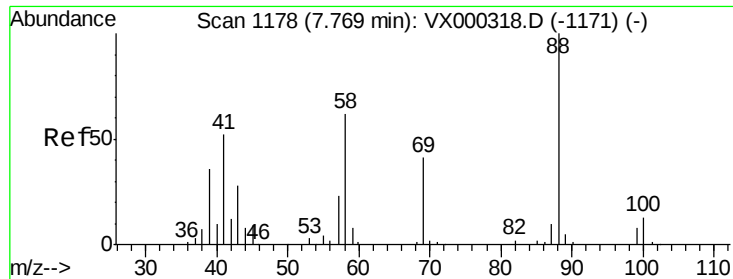
69 85.0 68.2 102.4

39 68.6 54.6 81.8



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

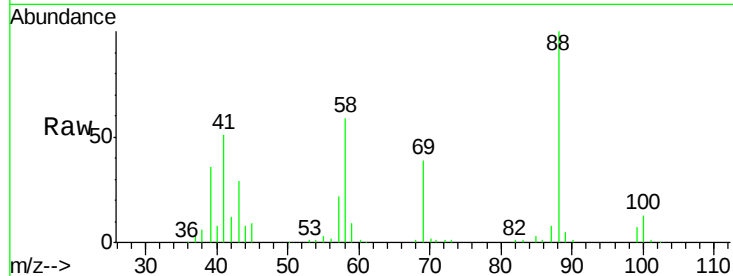




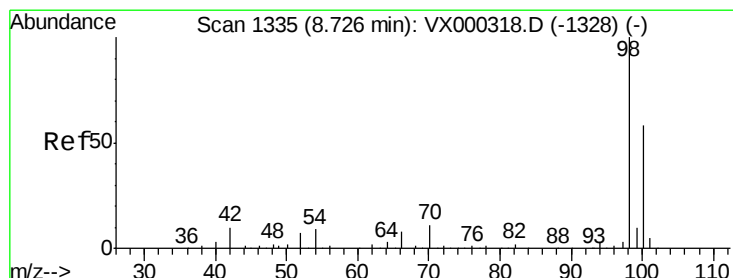
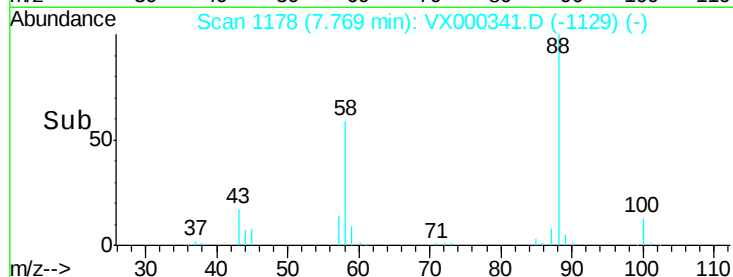
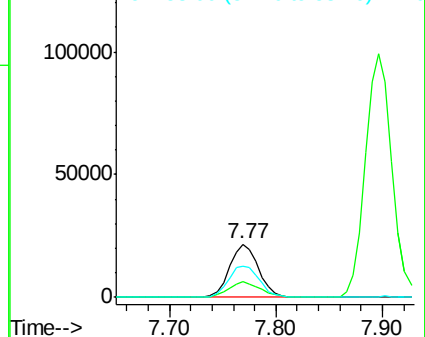
#49
 1,4-Dioxane
 Concen: 1027.85 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 41016
 Ion Ratio Lower Upper
 88 100
 43 32.3 26.8 40.2
 58 63.4 52.2 78.2

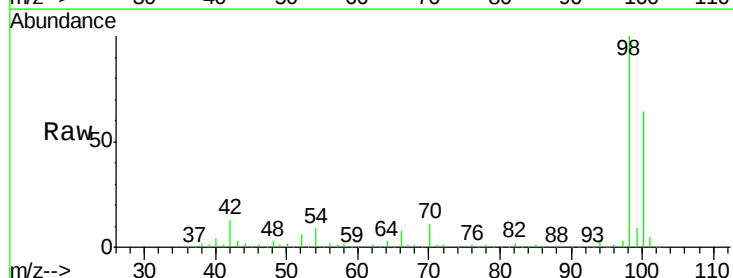


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

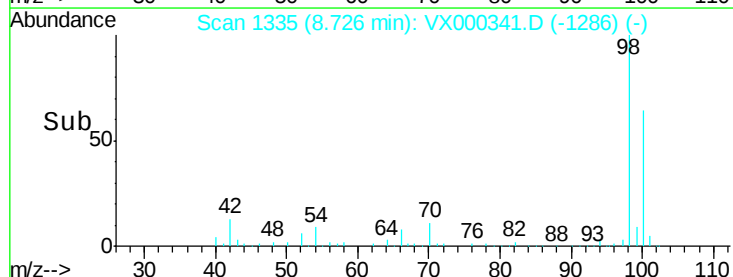
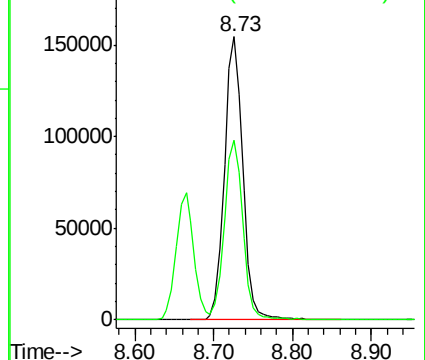


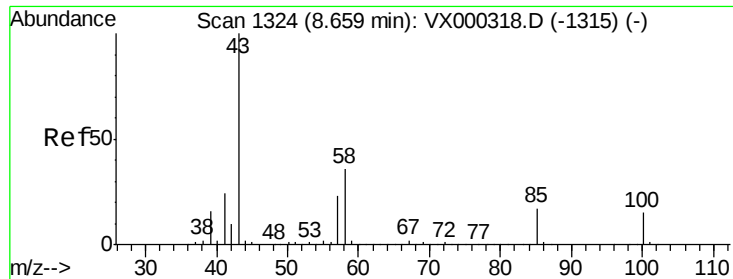
#50
 Toluene-d8
 Concen: 47.32 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Tgt Ion: 98 Resp: 250658
 Ion Ratio Lower Upper
 98 100
 100 63.4 51.2 76.8



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

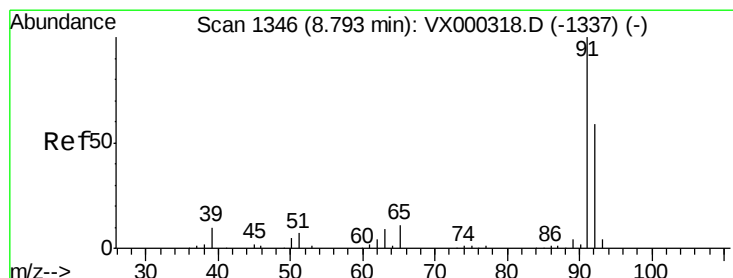
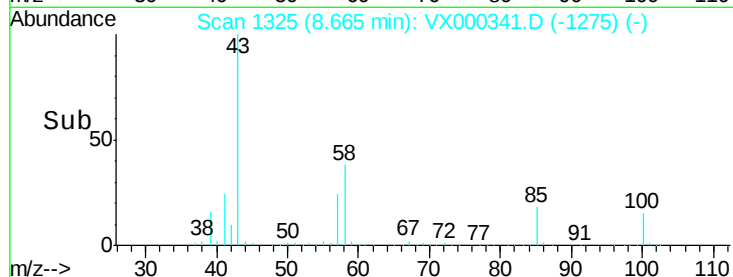
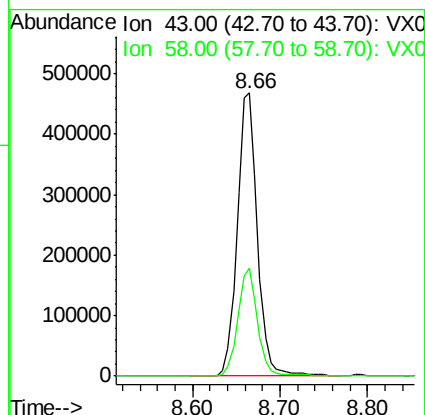
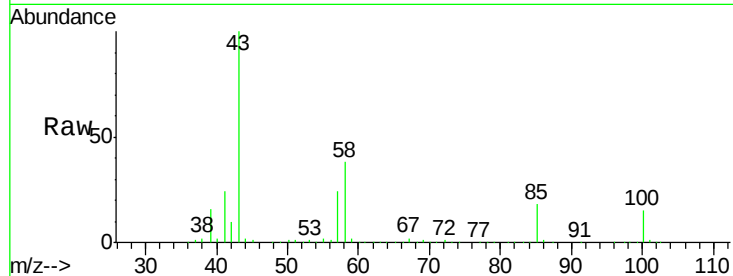




#51
4-Methyl-2-Pentanone
Concen: 276.74 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

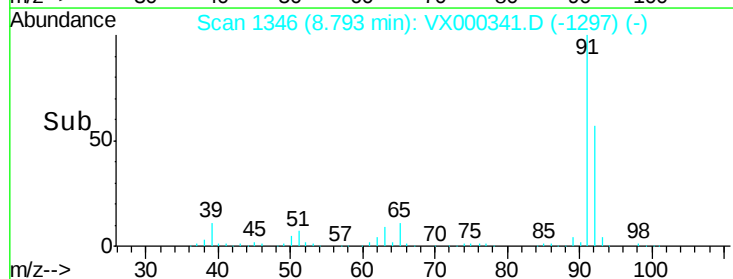
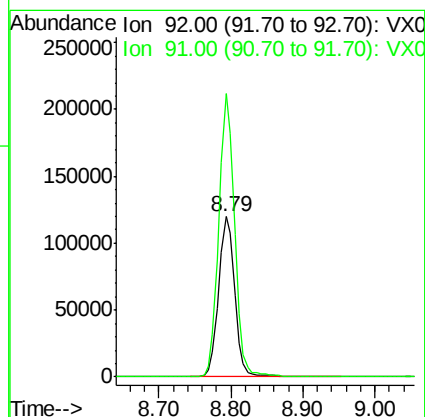
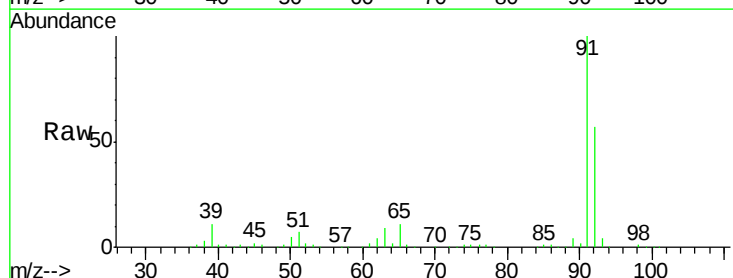
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

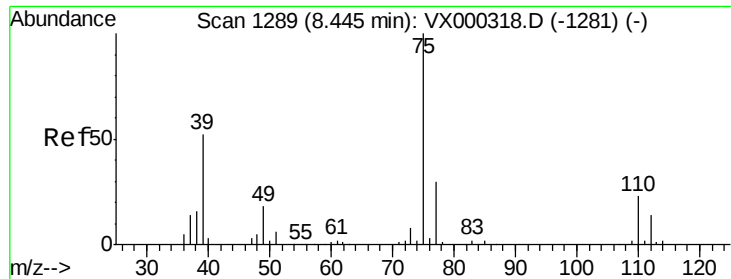
Tgt Ion: 43 Resp: 753875
Ion Ratio Lower Upper
43 100
58 37.8 30.3 45.5



#52
Toluene
Concen: 50.99 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion: 92 Resp: 185829
Ion Ratio Lower Upper
92 100
91 173.3 140.2 210.2

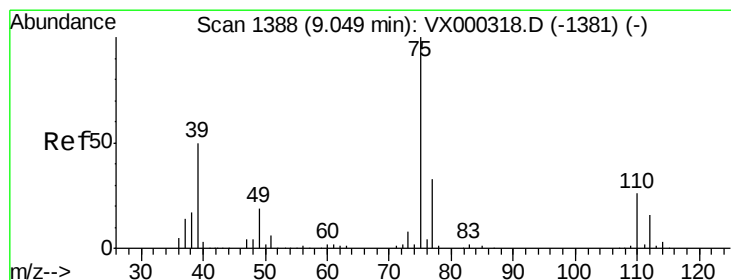
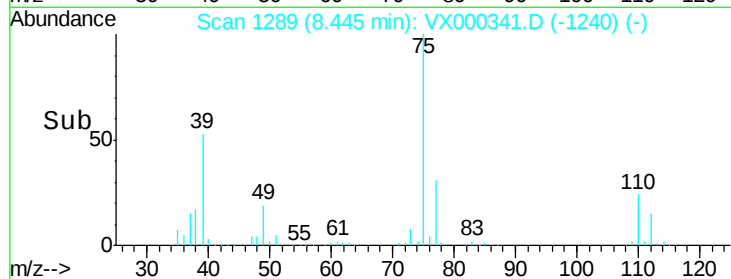
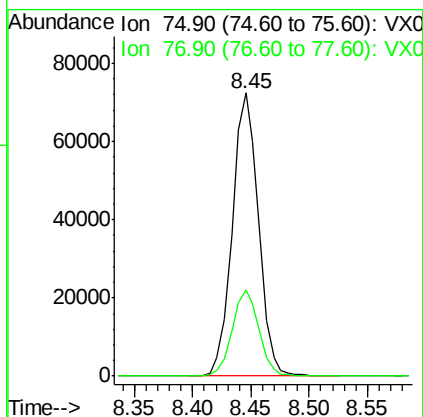
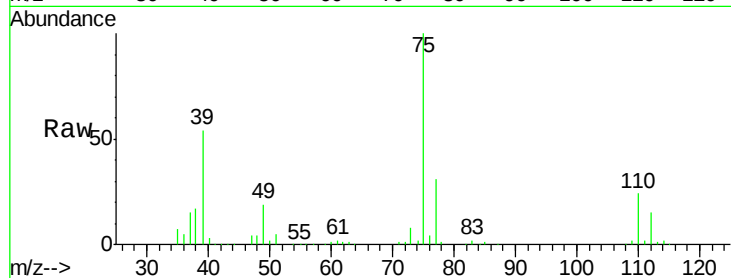




#53
 t-1,3-Dichloropropene
 Concen: 53.76 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

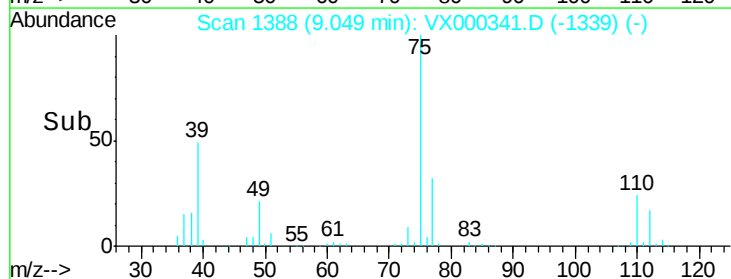
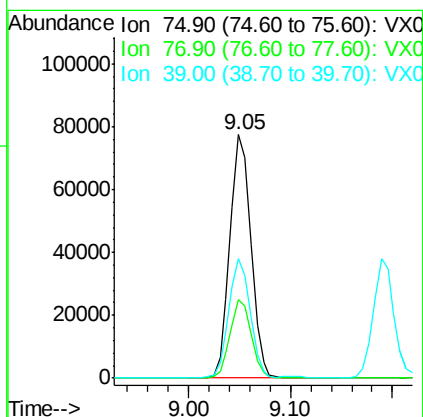
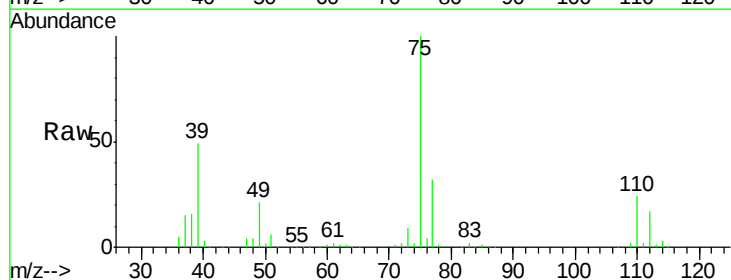
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

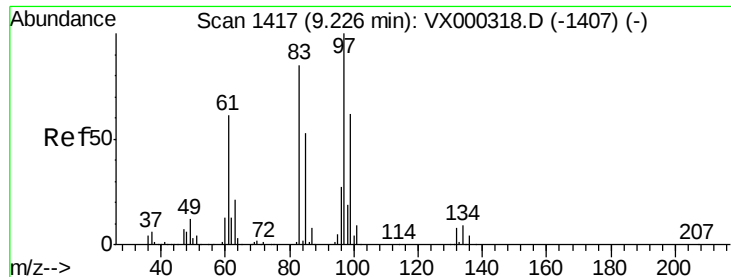
Tgt Ion: 75 Resp: 113211
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.67 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Tgt Ion: 75 Resp: 110518
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.1 39.1
 39 49.0 39.8 59.6





#55

1,1,2-Trichloroethane

Concen: 51.64 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 75515

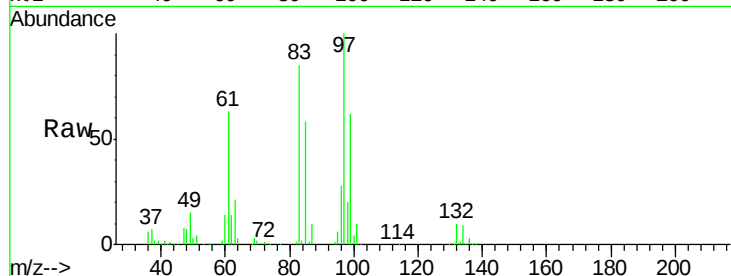
Ion Ratio Lower Upper

97 100

83 85.4 67.9 101.9

85 57.7 42.8 64.2

99 61.7 49.4 74.2

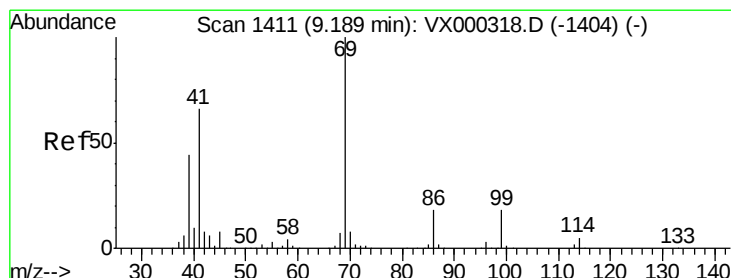
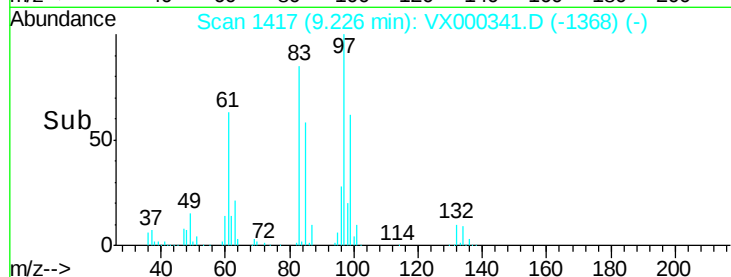
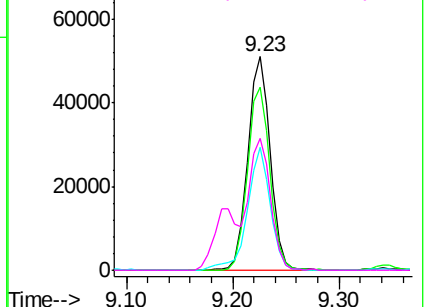


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 55.24 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

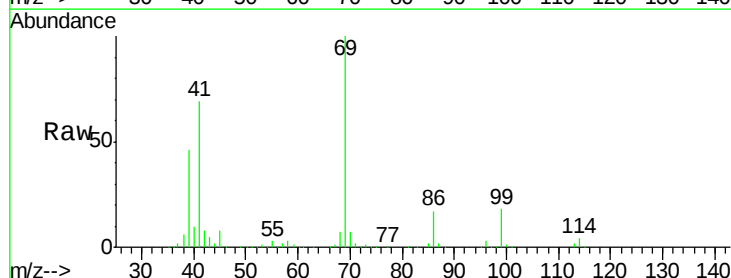
Tgt Ion: 69 Resp: 119609

Ion Ratio Lower Upper

69 100

41 67.8 53.0 79.6

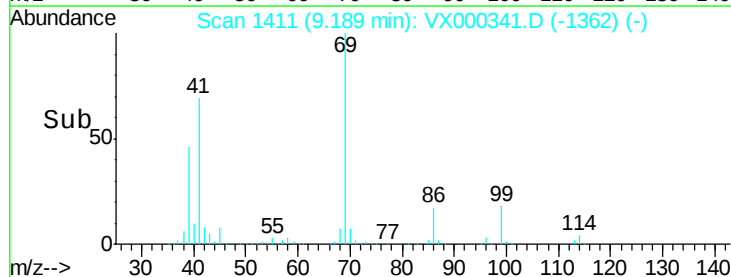
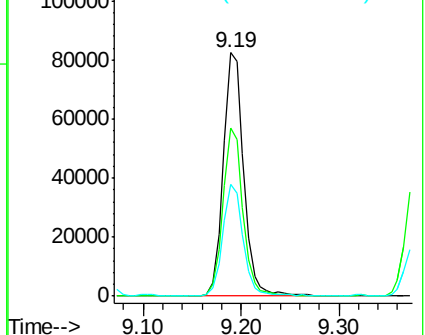
39 45.5 35.3 52.9

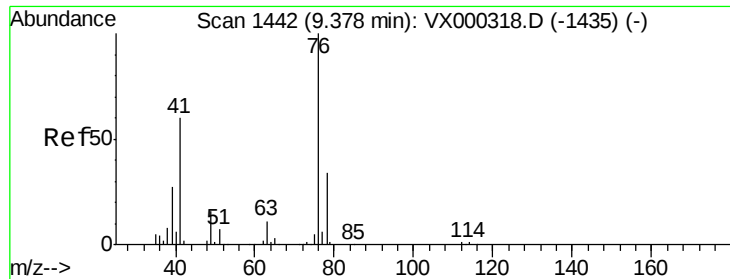


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.76 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

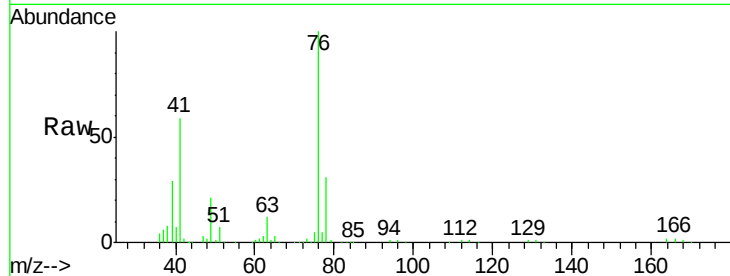
VSTDCCC050EC

Tgt Ion: 76 Resp: 122617

Ion Ratio Lower Upper

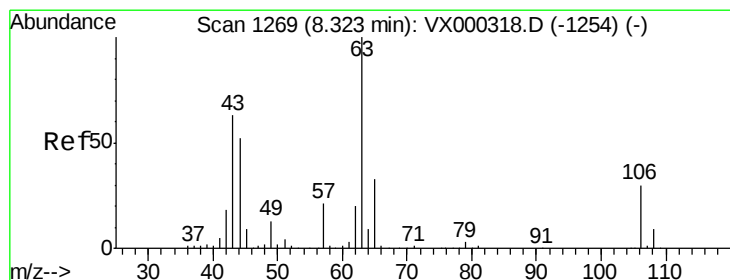
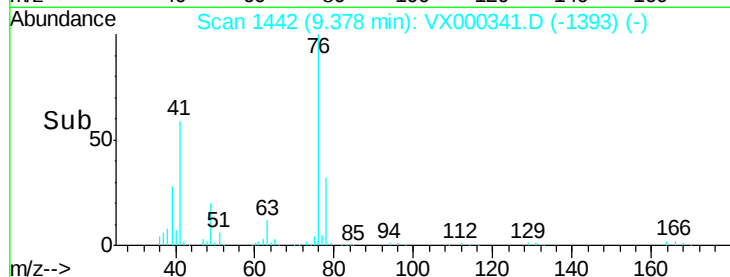
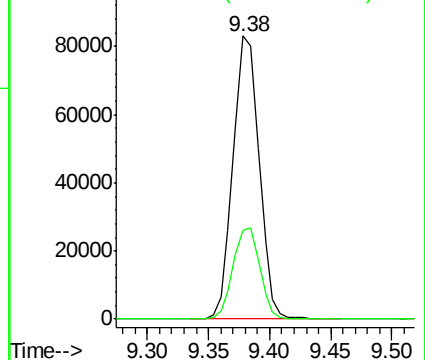
76 100

78 32.9 26.4 39.6



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: 298.96 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000341.D

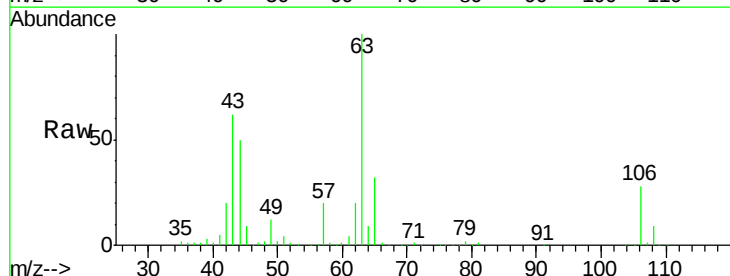
Acq: 15 Mar 2018 20:34

Tgt Ion: 63 Resp: 276518

Ion Ratio Lower Upper

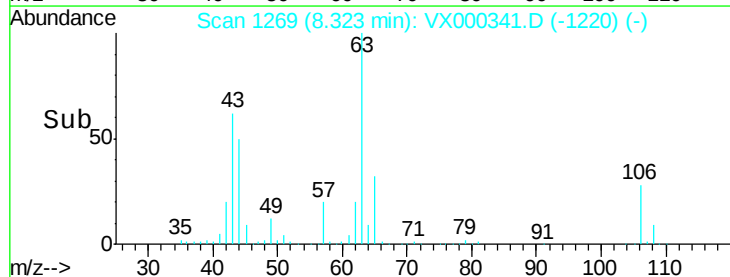
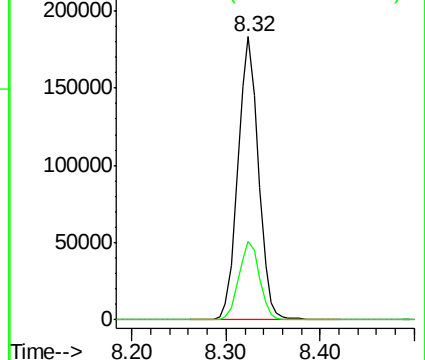
63 100

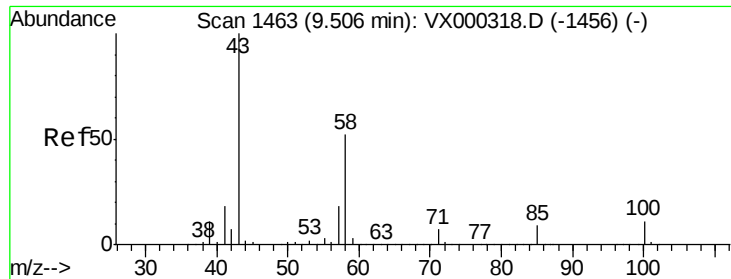
106 28.1 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

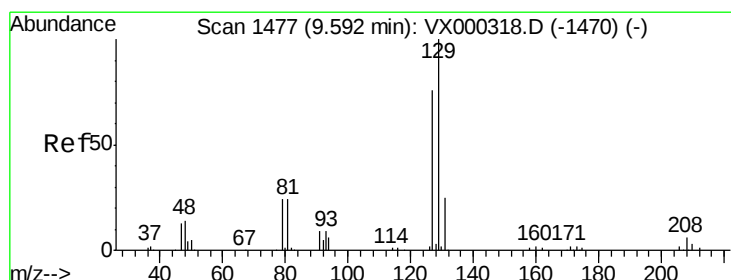
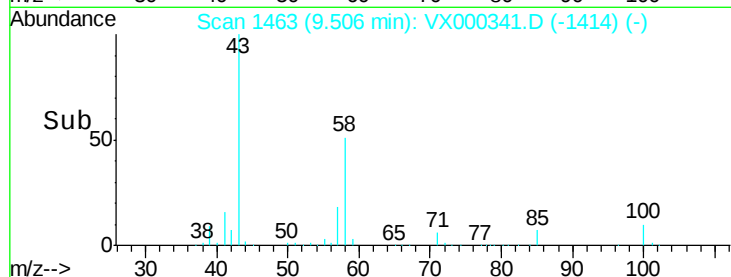
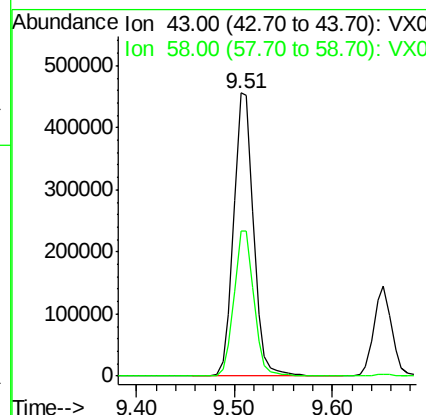
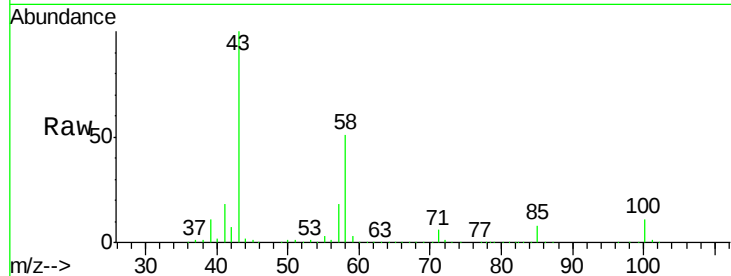




#59
2-Hexanone
Concen: 280.57 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

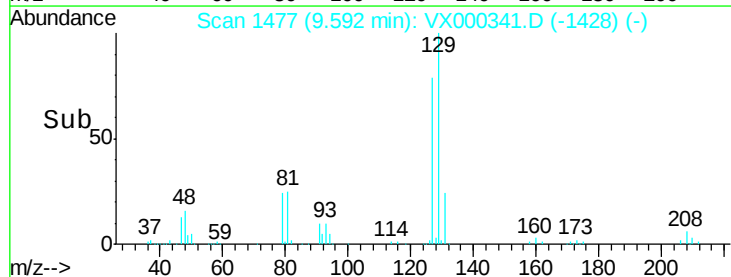
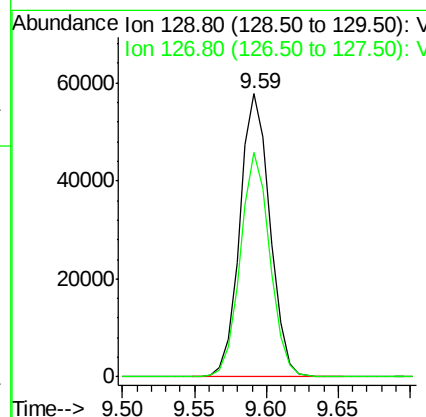
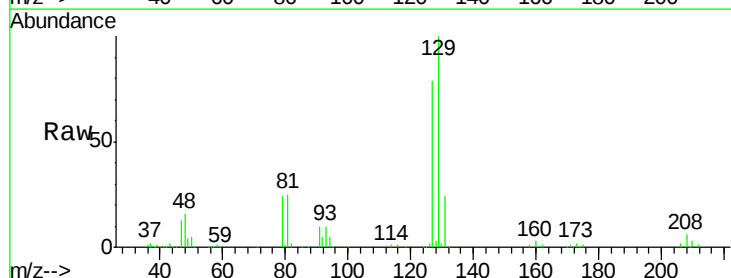
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

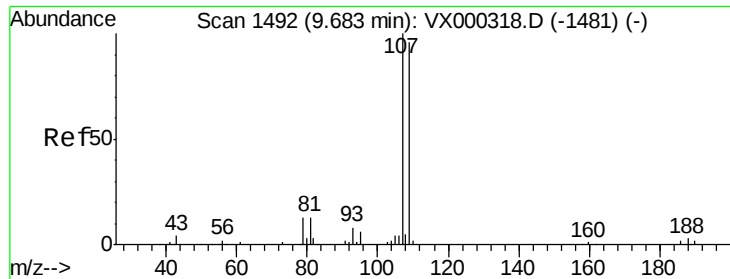
Tgt Ion: 43 Resp: 643937
Ion Ratio Lower Upper
43 100
58 51.8 26.6 79.7



#60
Dibromochloromethane
Concen: 54.28 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion: 129 Resp: 83925
Ion Ratio Lower Upper
129 100
127 77.8 37.9 113.6





#61

1,2-Dibromoethane

Concen: 52.38 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

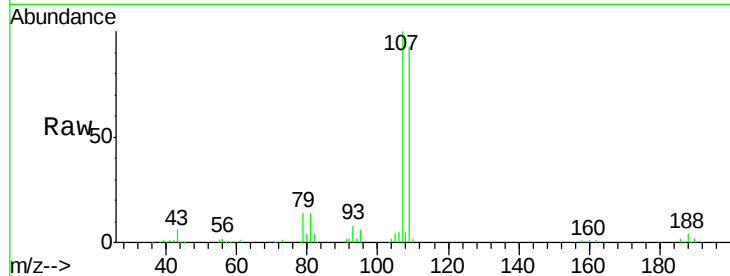
VSTDCCC050EC

Tgt Ion: 107 Resp: 84909

Ion Ratio Lower Upper

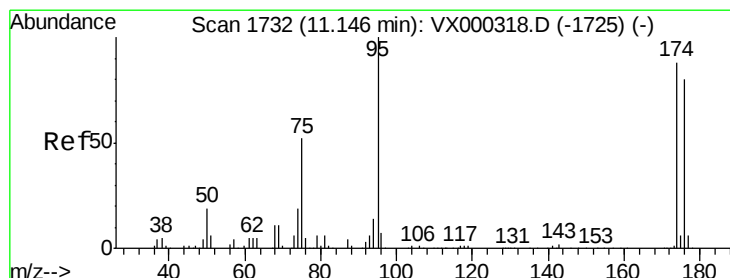
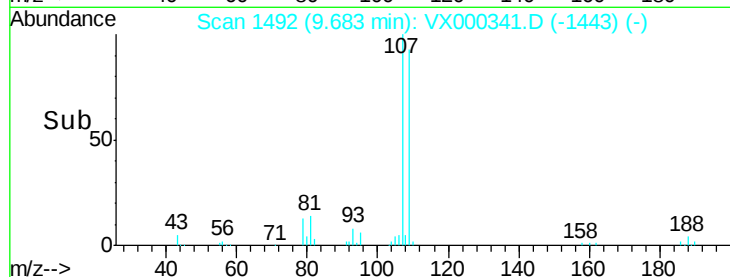
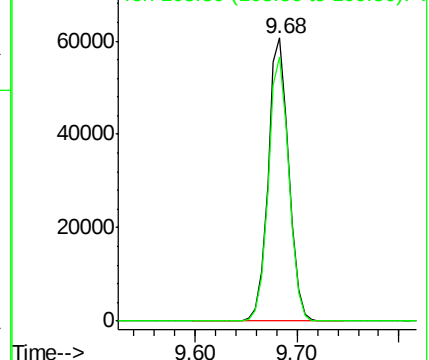
107 100

109 93.9 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.49 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

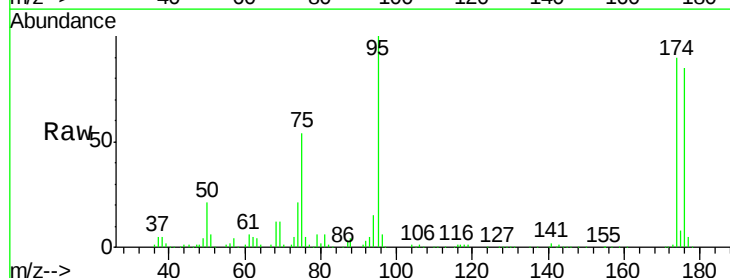
Tgt Ion: 95 Resp: 98767

Ion Ratio Lower Upper

95 100

174 86.5 0.0 173.6

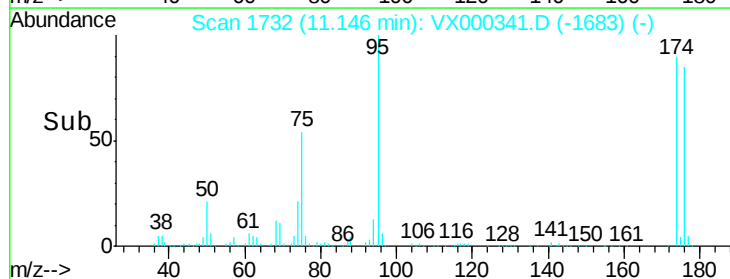
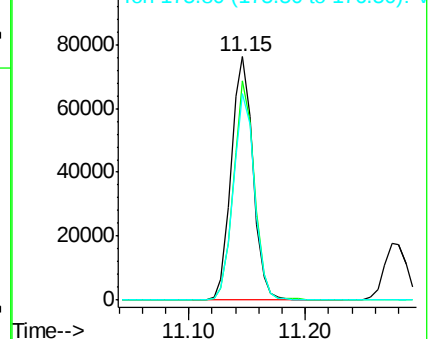
176 83.2 0.0 164.6

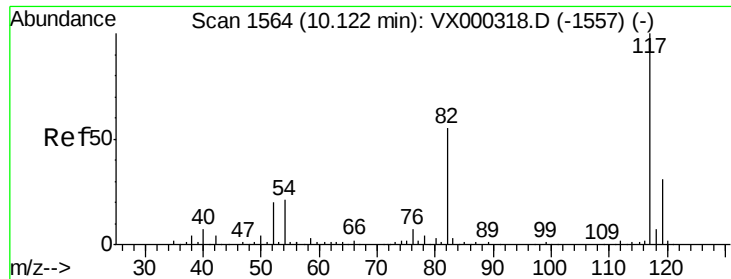


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

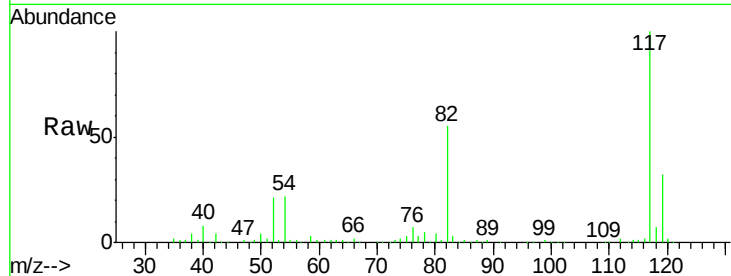




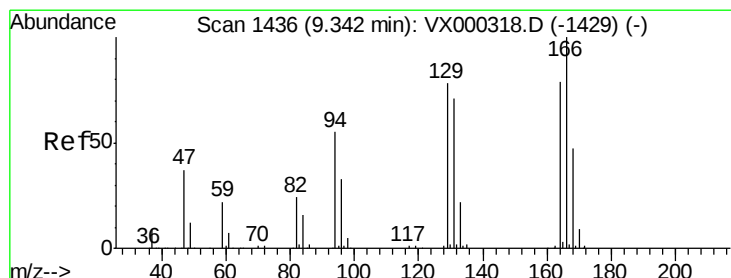
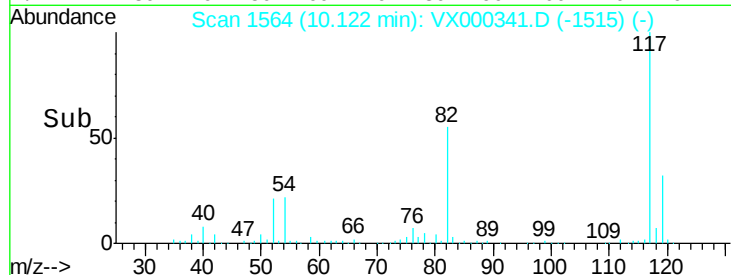
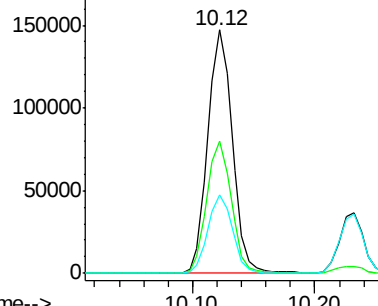
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 204857
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.8
119 32.1 24.9 37.3

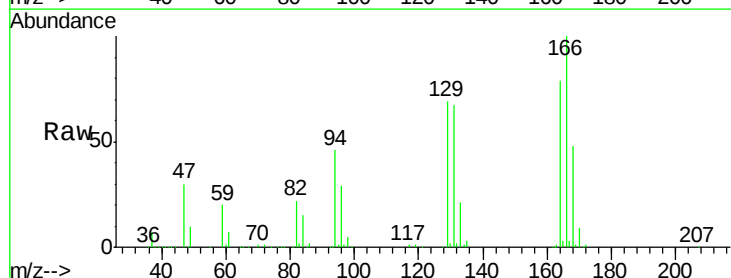


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

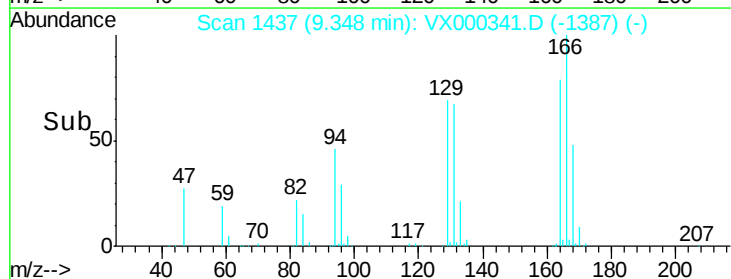
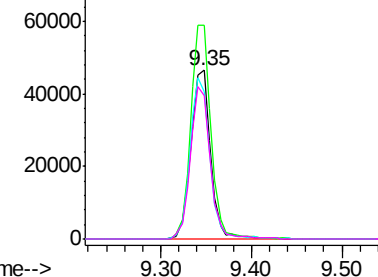


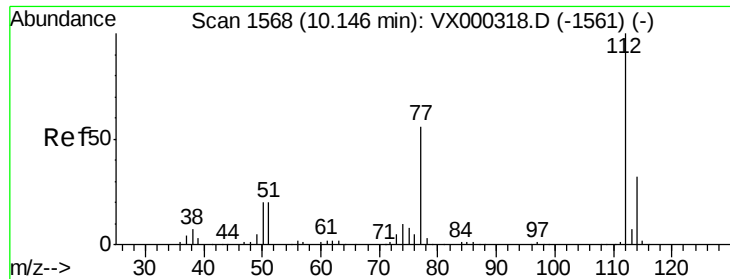
#64
Tetrachloroethene
Concen: 54.14 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. 0.01 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion:164 Resp: 71083
Ion Ratio Lower Upper
164 100
166 126.7 101.0 151.6
129 87.8 79.0 118.4
131 85.5 71.9 107.9



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





#65

Chlorobenzene

Concen: 51.54 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

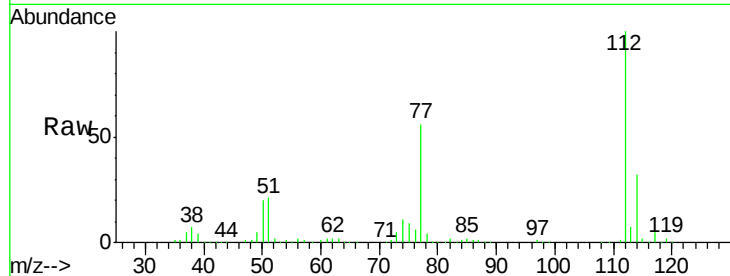
VSTDCCC050EC

Tgt Ion:112 Resp: 215008

Ion Ratio Lower Upper

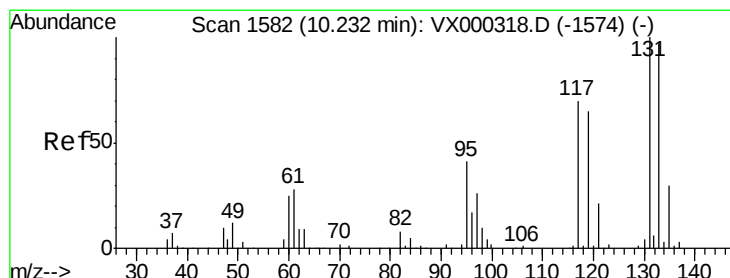
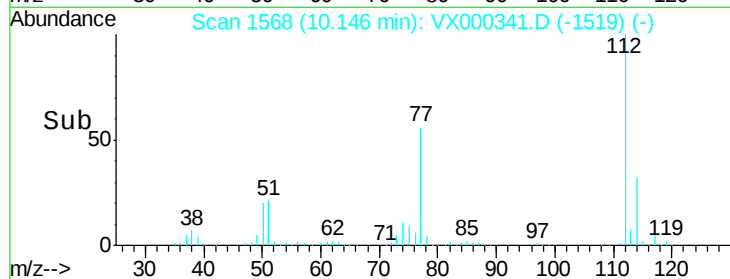
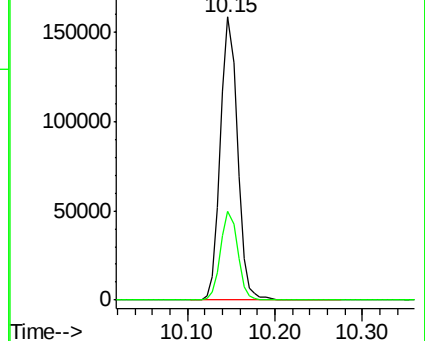
112 100

114 31.6 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.43 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

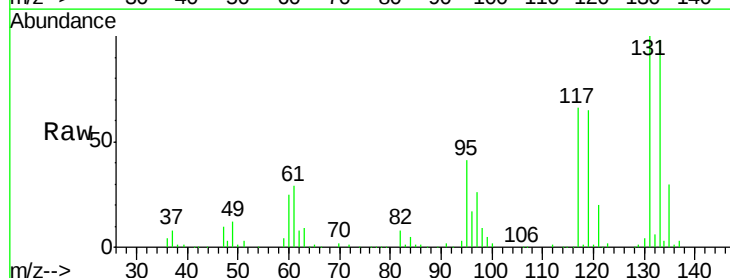
Tgt Ion:131 Resp: 76371

Ion Ratio Lower Upper

131 100

133 97.1 47.1 141.3

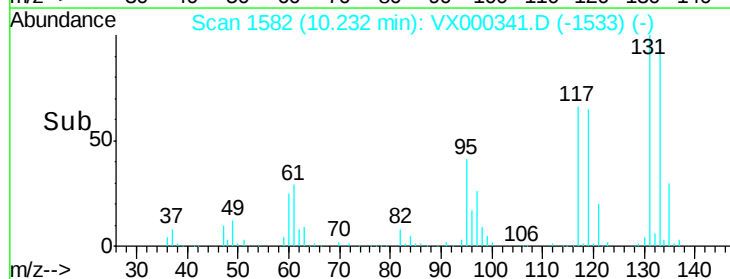
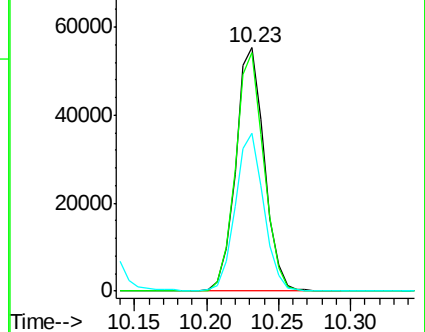
119 64.9 33.1 99.2

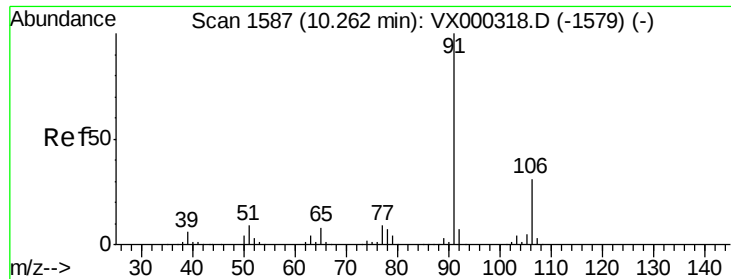


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

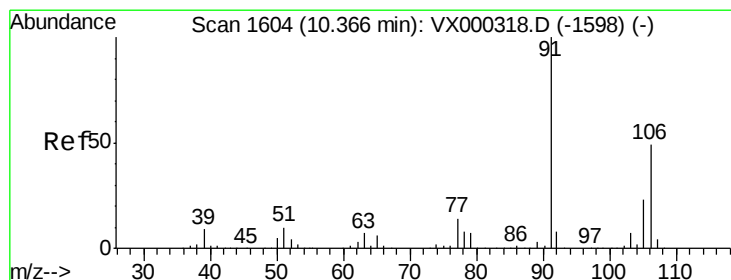
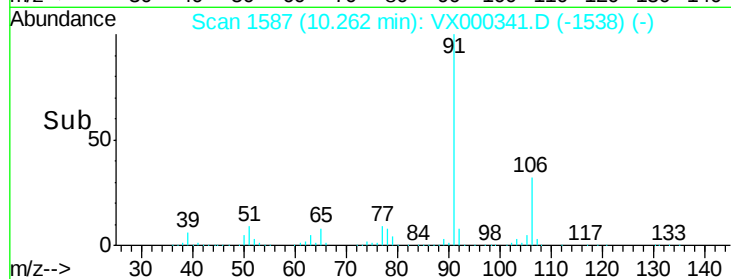
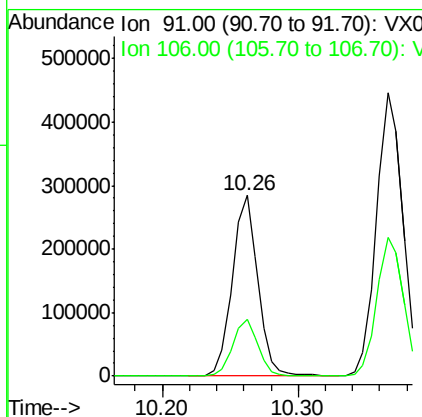
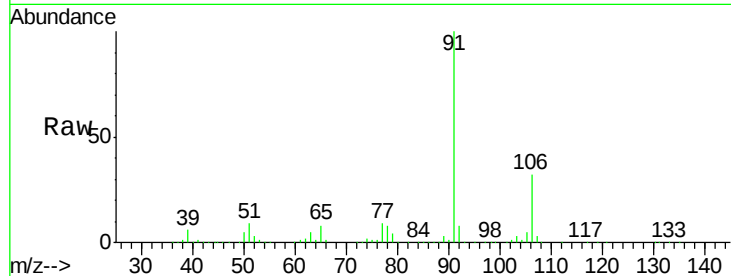




#67
Ethyl Benzene
Concen: 52.27 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

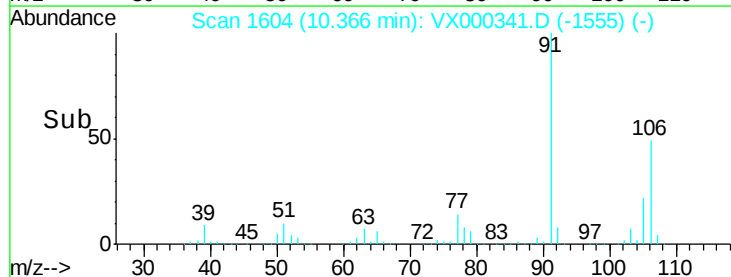
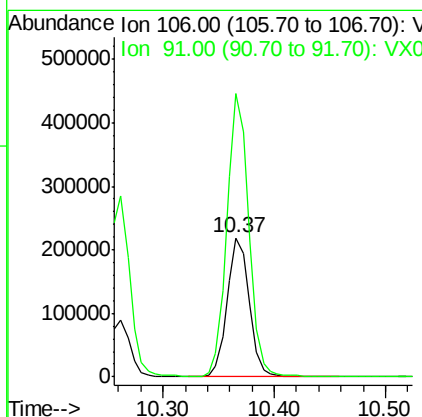
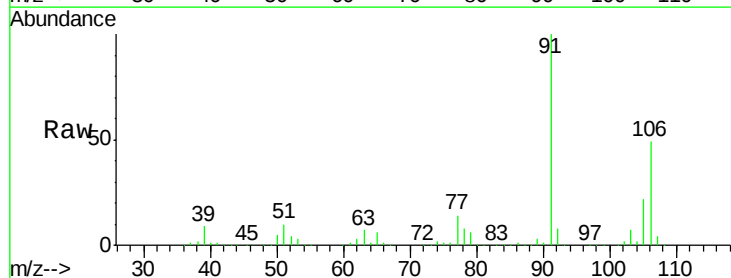
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

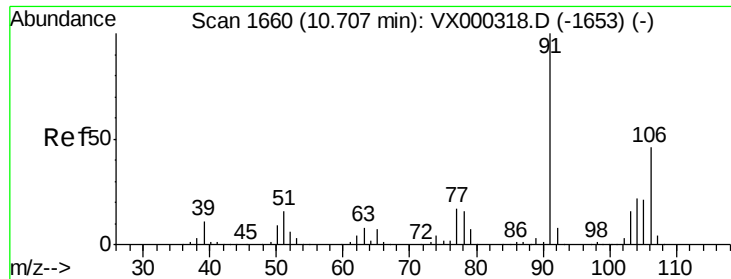
Tgt Ion: 91 Resp: 371796
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6



#68
m/p-Xylenes
Concen: 108.77 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion: 106 Resp: 301401
Ion Ratio Lower Upper
106 100
91 202.4 163.4 245.2

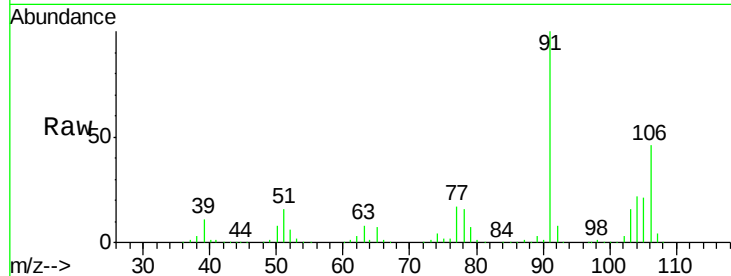




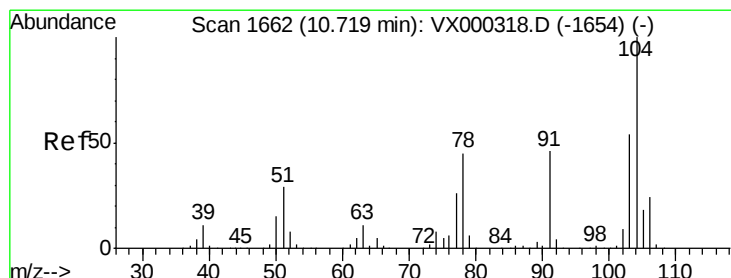
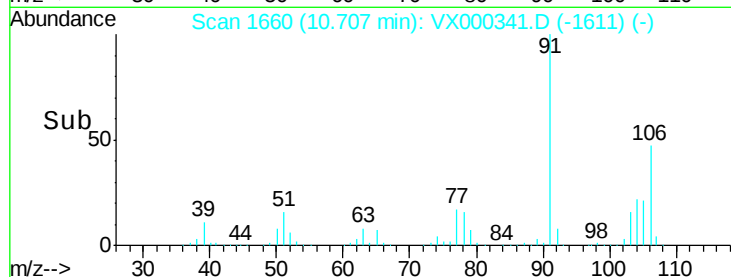
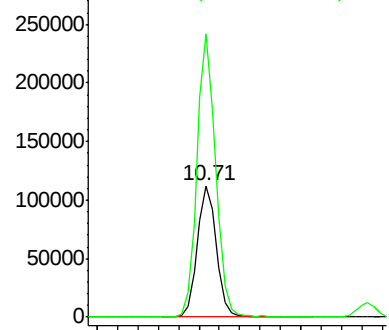
#69
o-Xylene
Concen: 54.42 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 146490
Ion Ratio Lower Upper
106 100
91 210.3 106.5 319.6

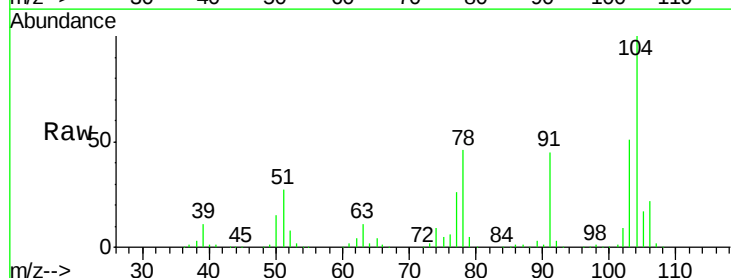


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

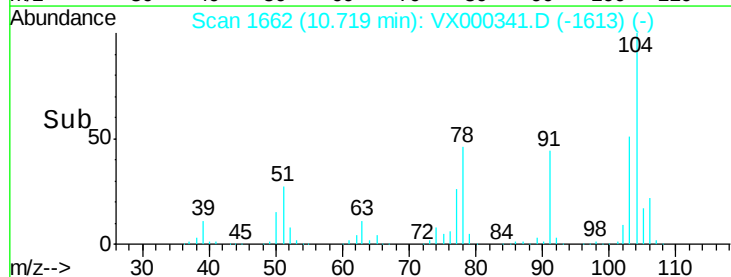
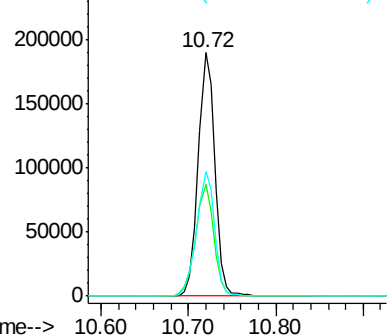


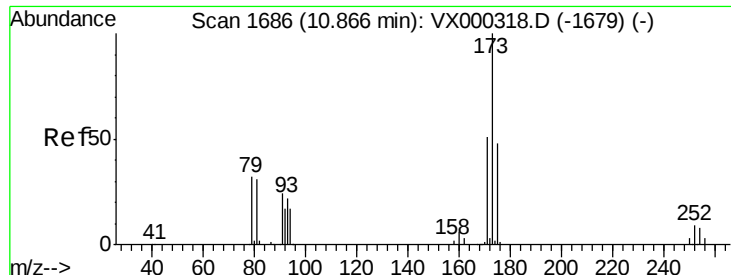
#70
Styrene
Concen: 55.75 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion:104 Resp: 249019
Ion Ratio Lower Upper
104 100
78 50.0 40.5 60.7
103 55.4 45.7 68.5



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

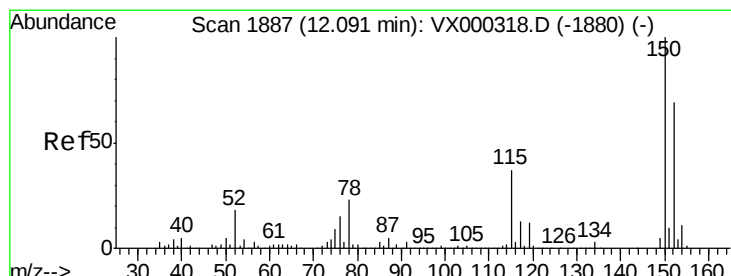
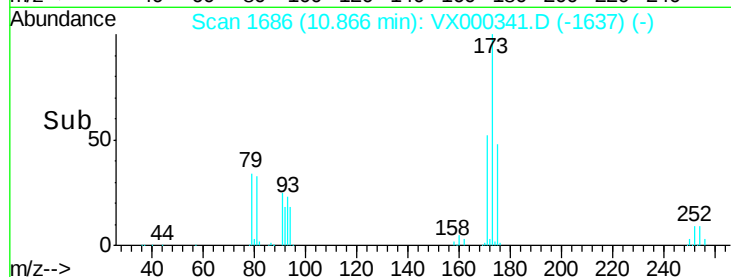
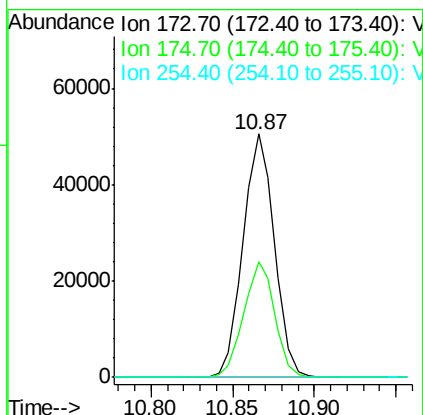
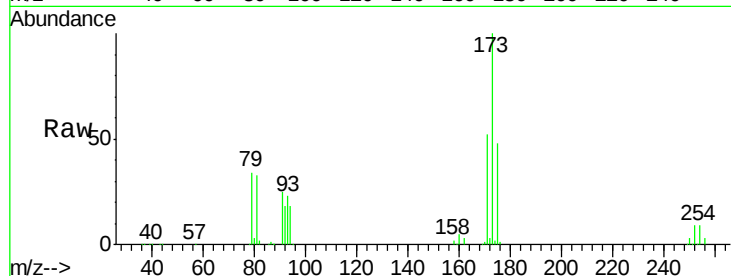




#71
Bromoform
Concen: 47.84 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

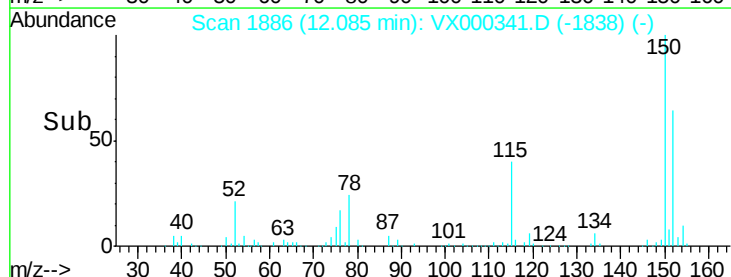
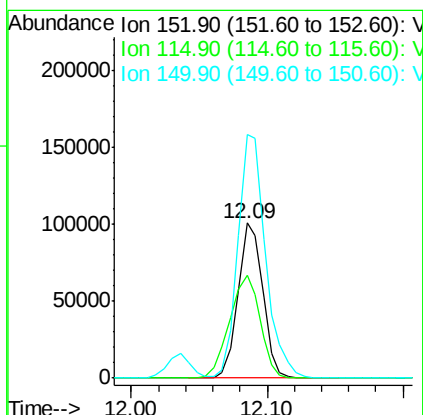
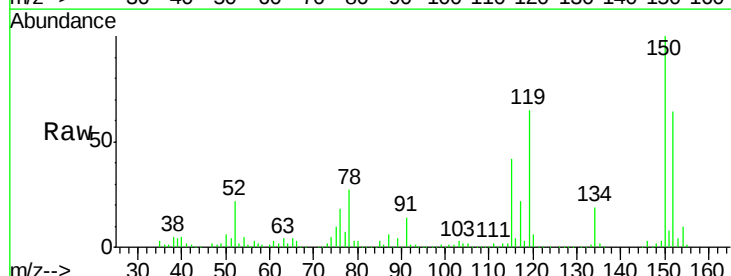
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

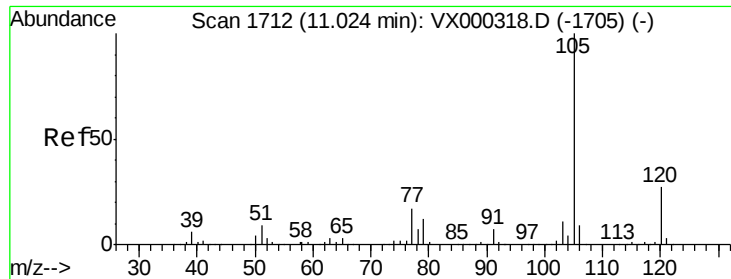
Tgt Ion:173 Resp: 67757
Ion Ratio Lower Upper
173 100
175 47.1 25.4 76.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion:152 Resp: 126953
Ion Ratio Lower Upper
152 100
115 81.9 39.8 119.3
150 176.2 0.0 344.4





#73

Isopropylbenzene

Concen: 52.39 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

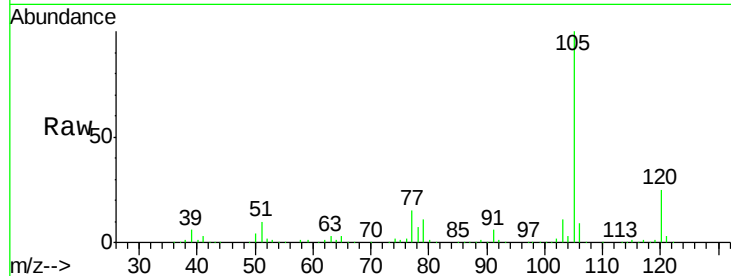
VSTDCCC050EC

Tgt Ion:105 Resp: 400578

Ion Ratio Lower Upper

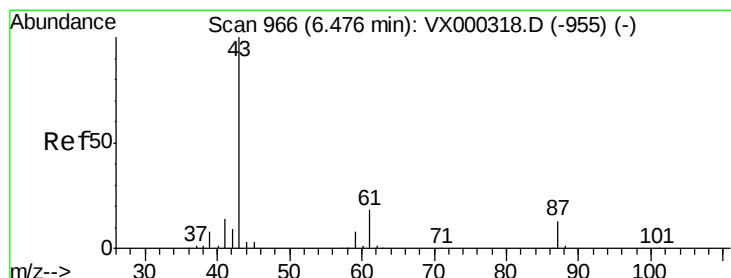
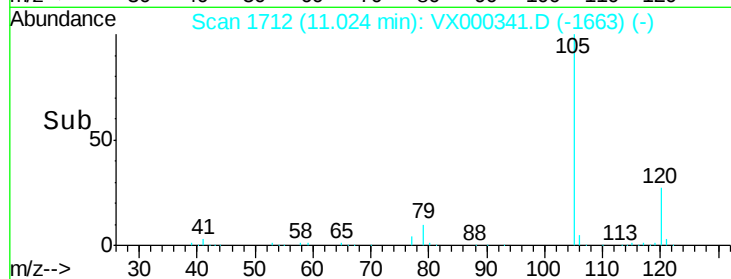
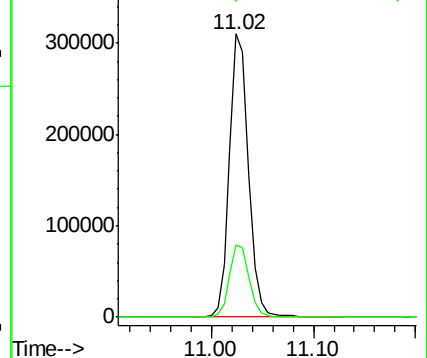
105 100

120 26.5 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.15 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Tgt Ion: 43 Resp: 190894

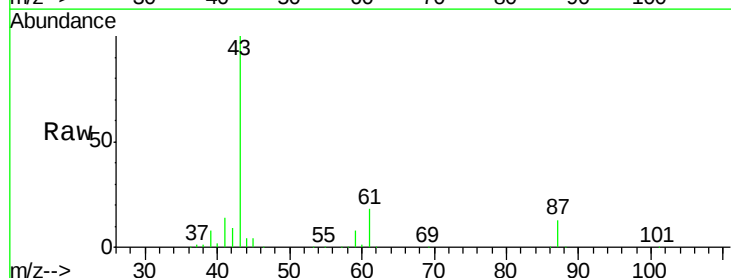
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.3 14.4 21.6

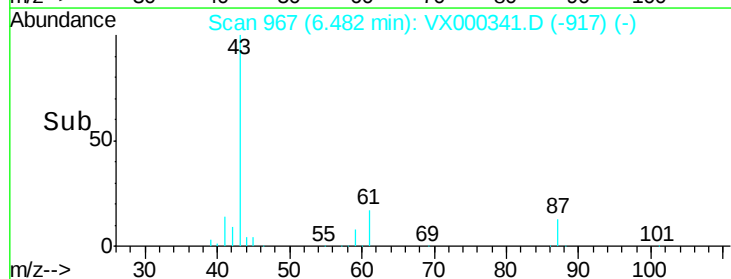
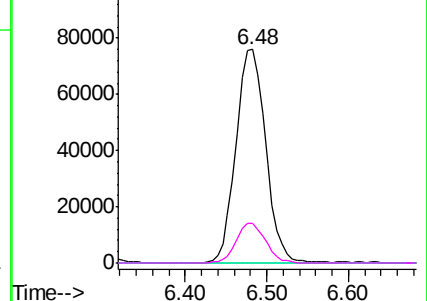


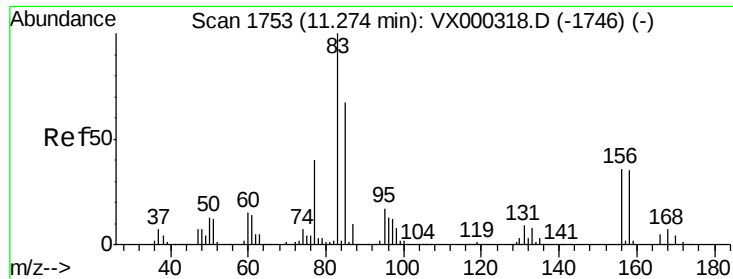
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.94 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

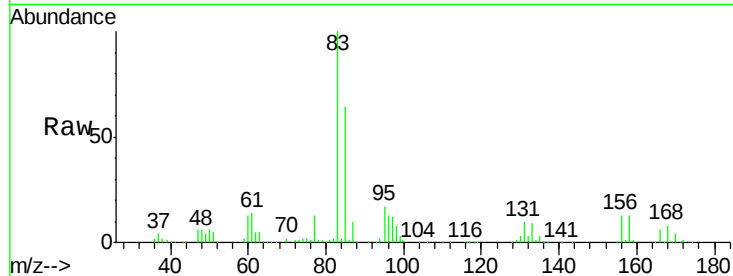
Tgt Ion: 83 Resp: 141384

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

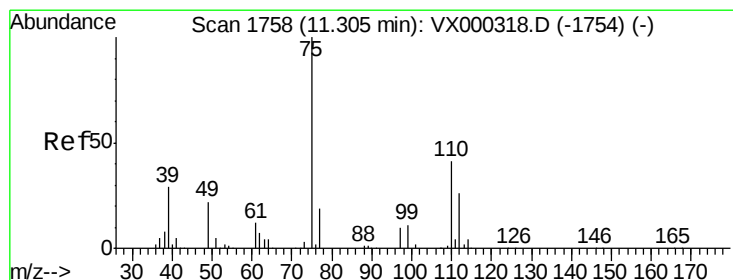
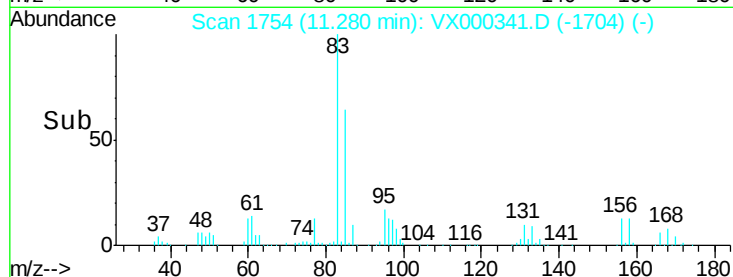
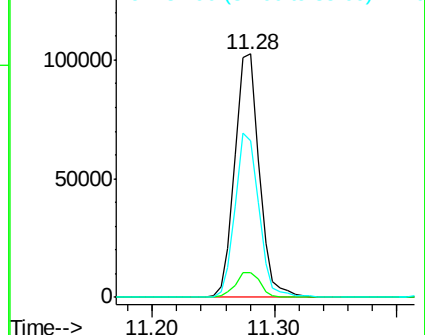
85 66.0 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 73.92 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000341.D

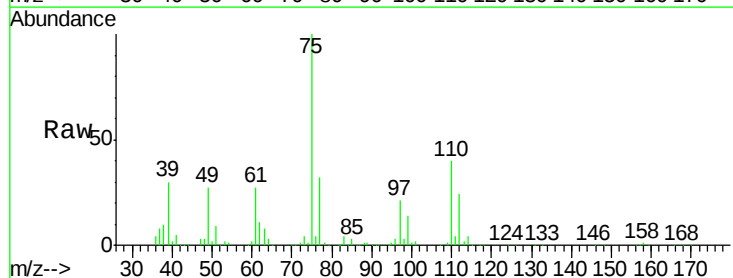
Acq: 15 Mar 2018 20:34

Tgt Ion: 75 Resp: 167255

Ion Ratio Lower Upper

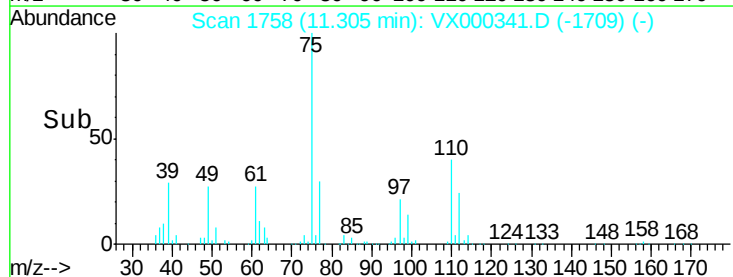
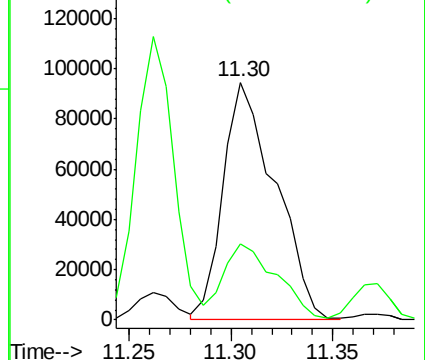
75 100

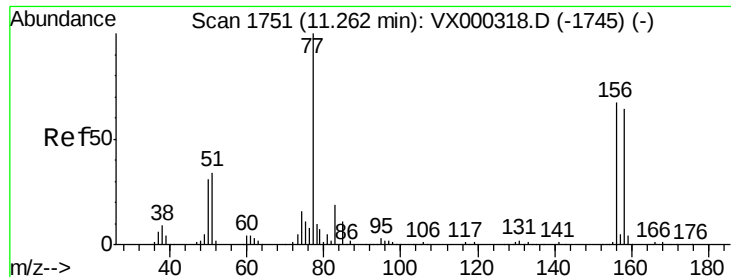
77 32.7 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.71 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

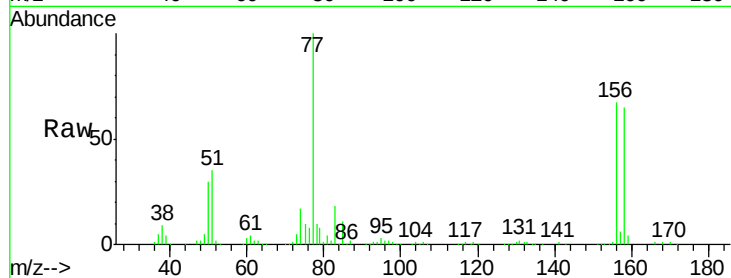
Tgt Ion:156 Resp: 99765

Ion Ratio Lower Upper

156 100

77 145.7 73.4 220.2

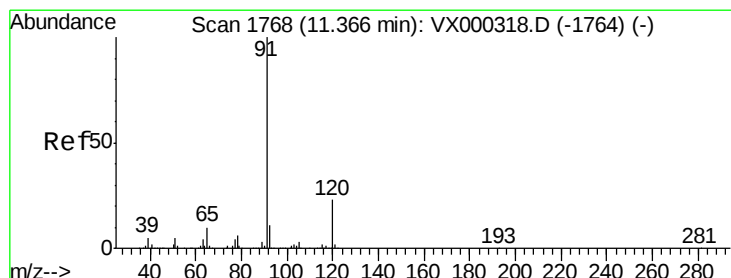
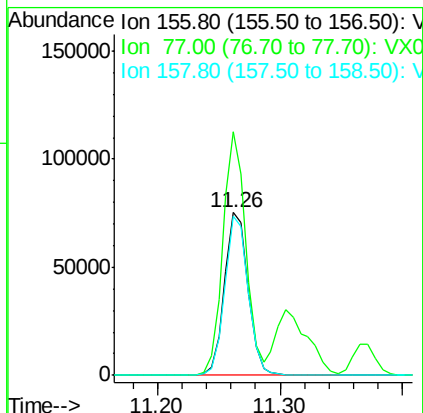
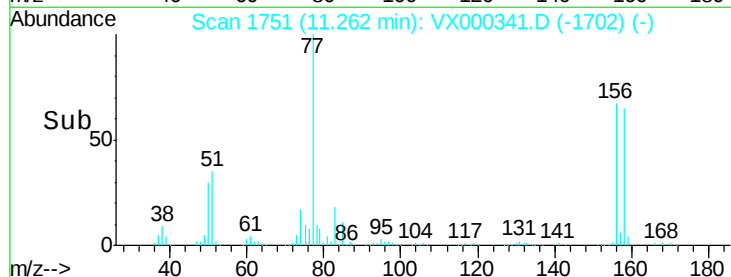
158 96.9 48.5 145.6



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: 49.64 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX000341.D

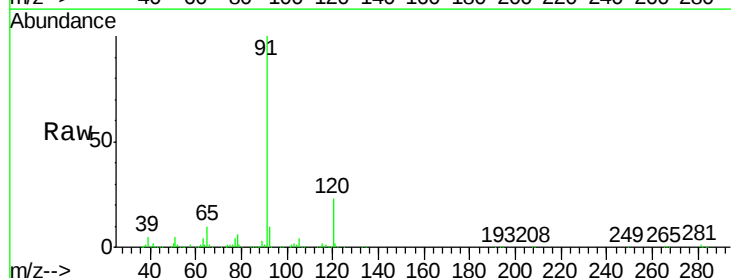
Acq: 15 Mar 2018 20:34

Tgt Ion: 91 Resp: 457711

Ion Ratio Lower Upper

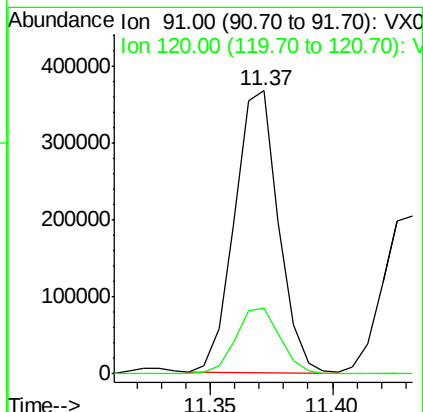
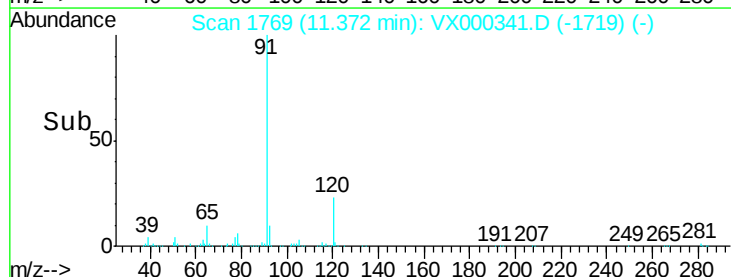
91 100

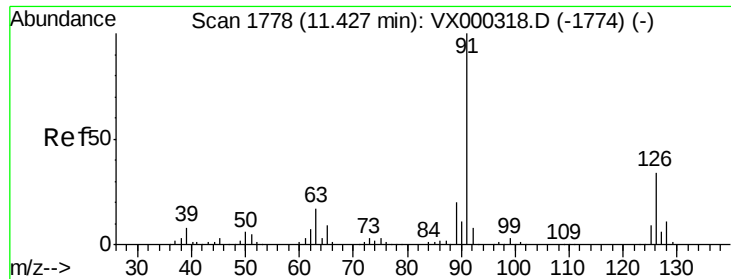
120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

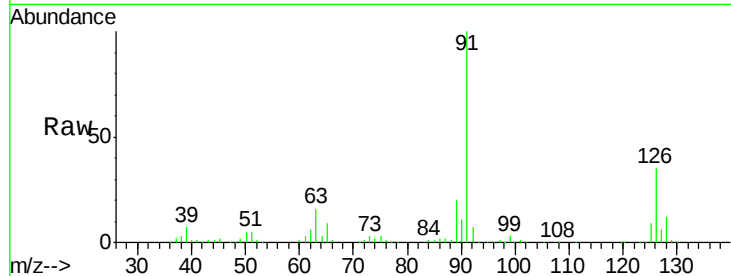




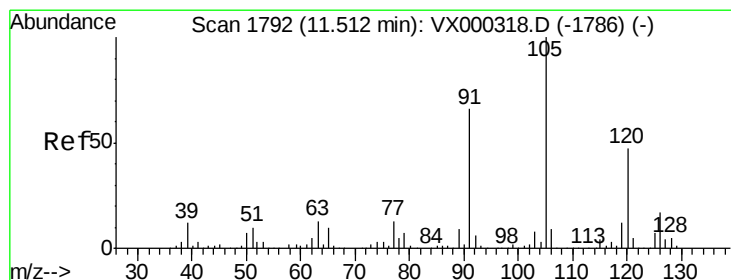
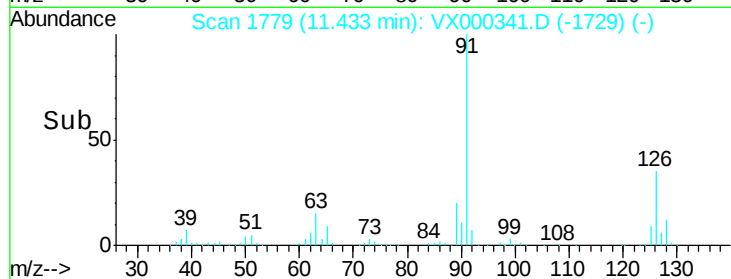
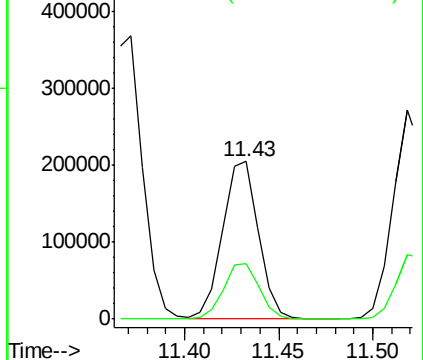
#79
 2-Chlorotoluene
 Concen: 51.49 ug/l
 RT: 11.43 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 269424
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.7 53.1

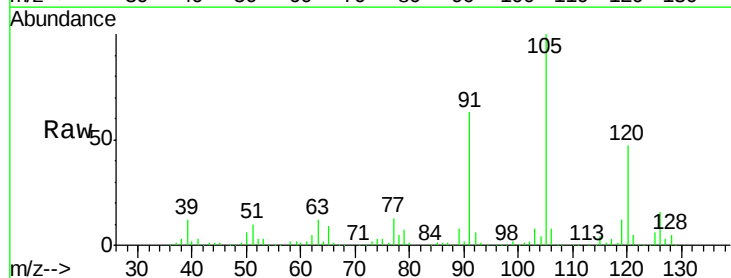


Abundance Ion 91.00 (90.70 to 91.70): VX000341.D (-1774) (-)
 Ion 125.90 (125.60 to 126.60): VX000341.D (-1774) (-)

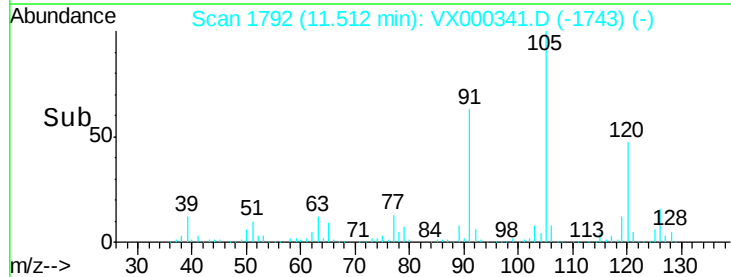
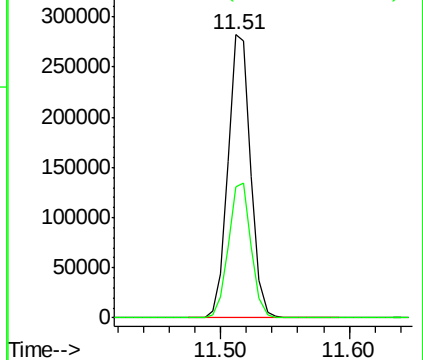


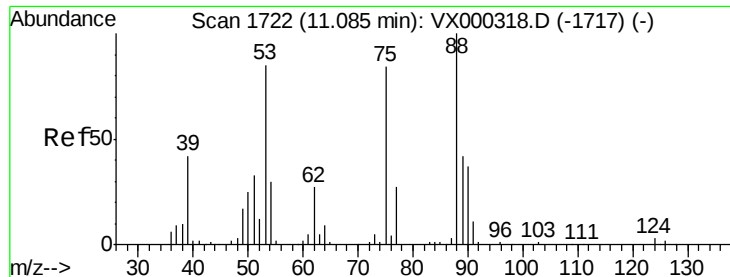
#80
 1,3,5-Trimethylbenzene
 Concen: 53.63 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Tgt Ion: 105 Resp: 349351
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000341.D (-1786) (-)
 Ion 120.00 (119.70 to 120.70): VX000341.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.90 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

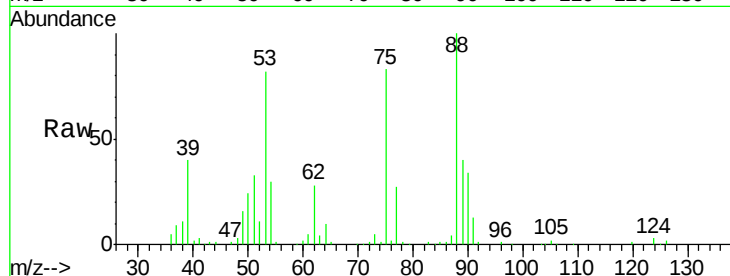
Tgt Ion: 75 Resp: 41090

Ion Ratio Lower Upper

75 100

53 103.9 80.7 121.1

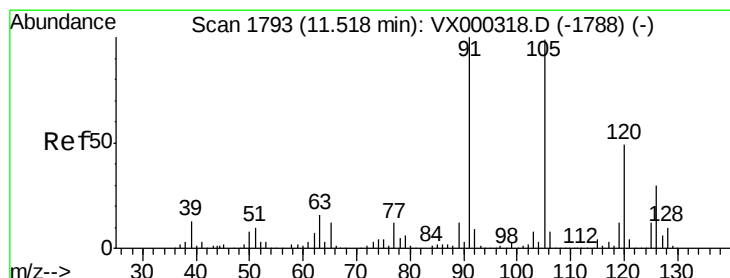
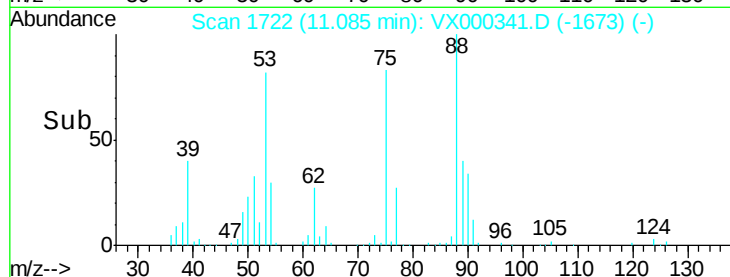
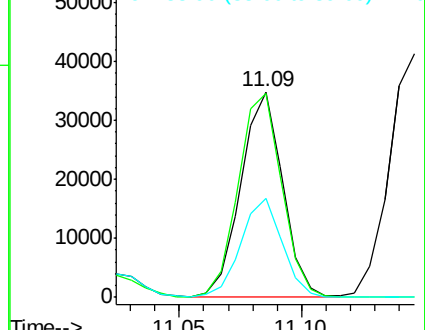
89 48.2 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.33 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000341.D

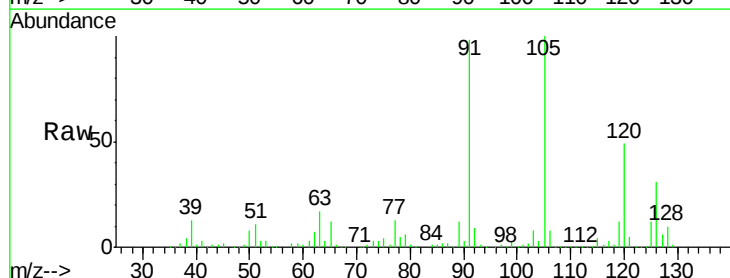
Acq: 15 Mar 2018 20:34

Tgt Ion: 91 Resp: 336547

Ion Ratio Lower Upper

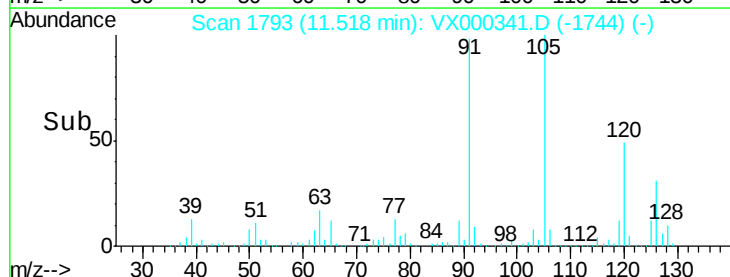
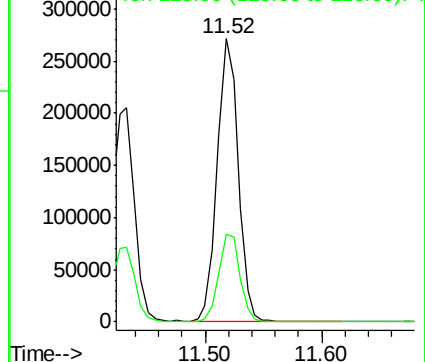
91 100

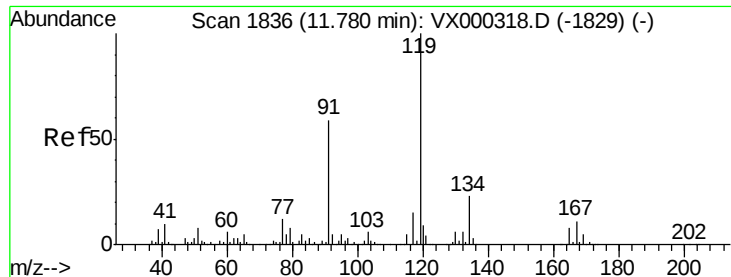
126 31.4 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

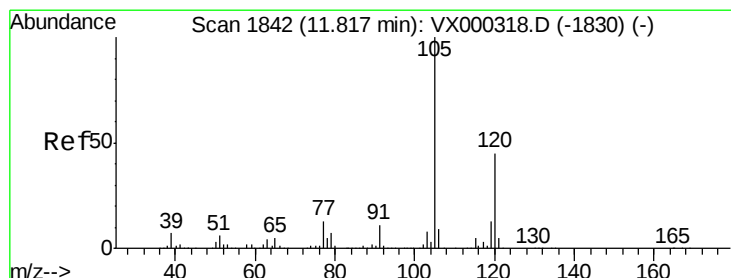
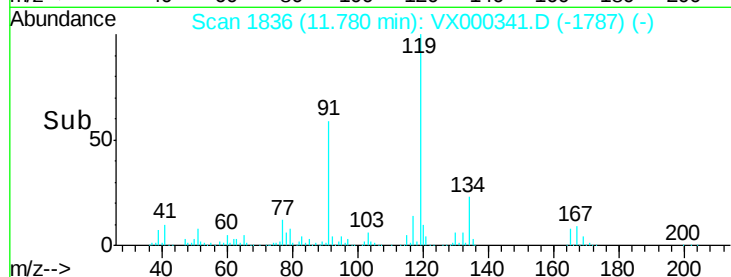
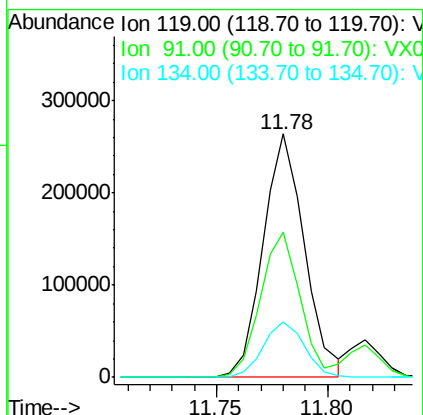
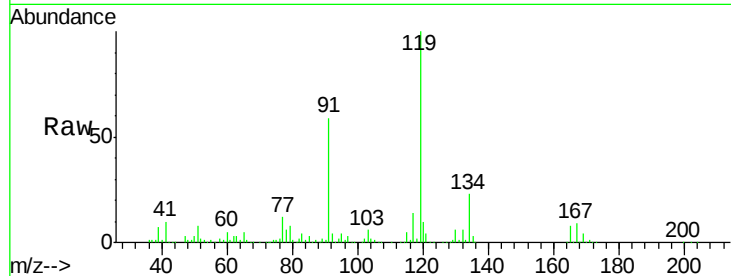




#83
 tert-Butylbenzene
 Concen: 53.62 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

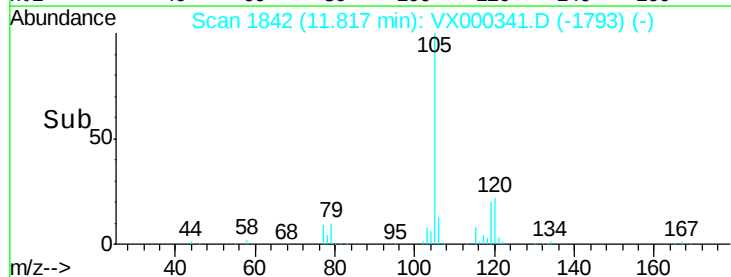
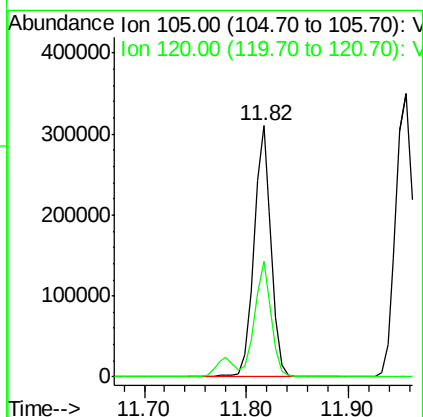
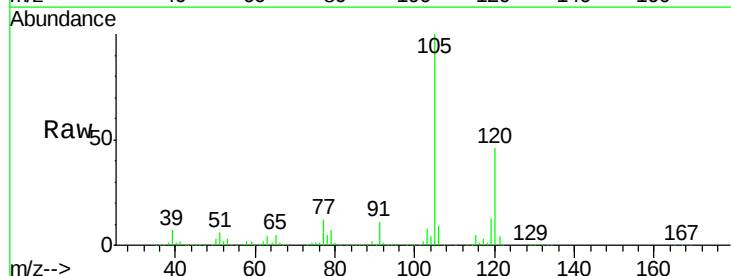
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

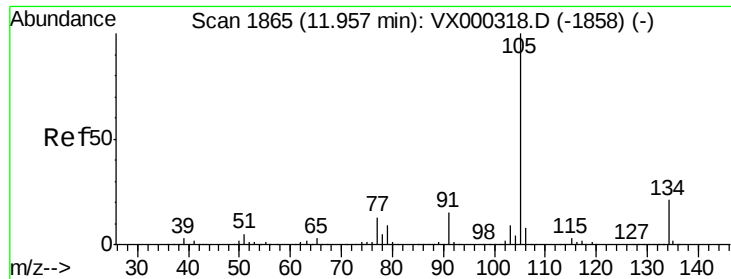
Tgt Ion:119 Resp: 340732
 Ion Ratio Lower Upper
 119 100
 91 56.9 28.8 86.4
 134 22.9 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 54.33 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Tgt Ion:105 Resp: 363827
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.3

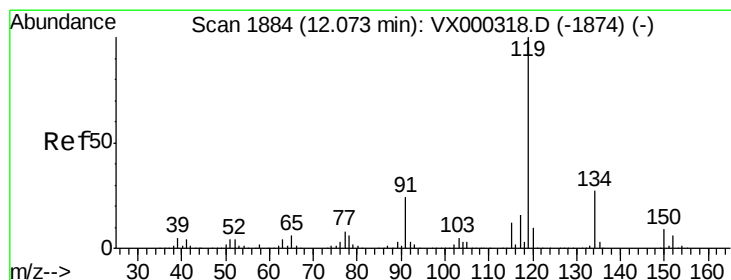
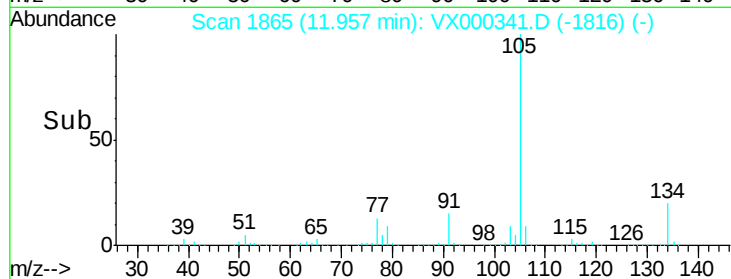
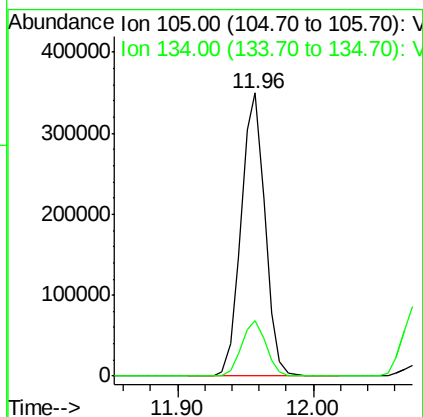
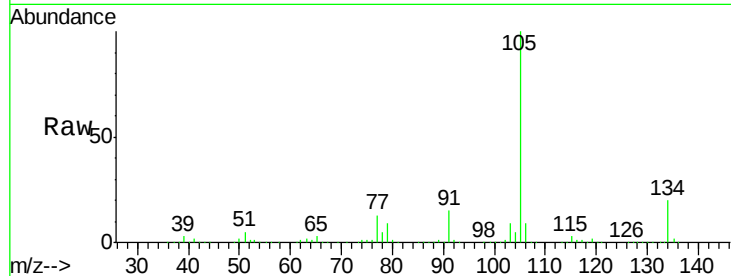




#85
 sec-Butylbenzene
 Concen: 53.69 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

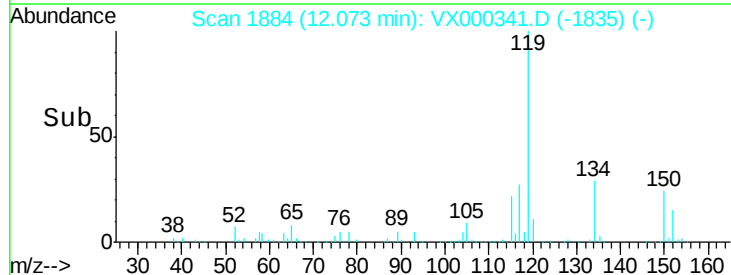
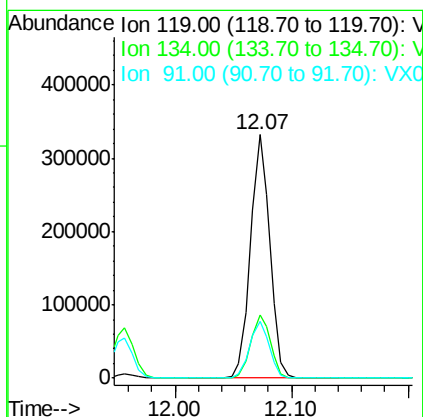
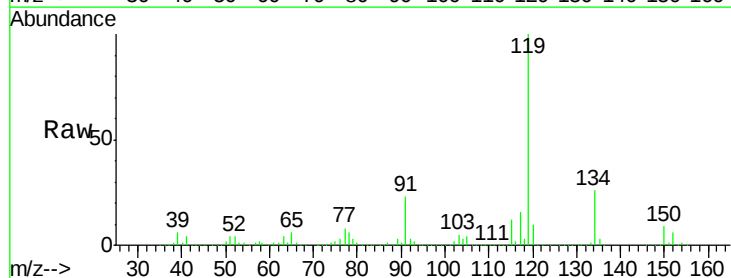
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

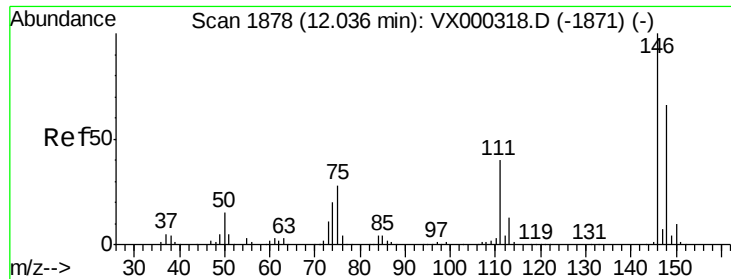
Tgt Ion:105 Resp: 427106
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 54.58 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Tgt Ion:119 Resp: 386410
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 23.8 12.0 36.1

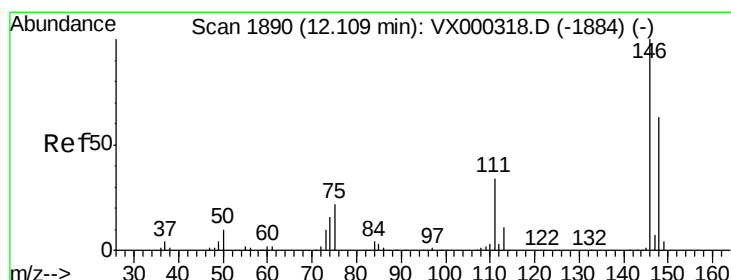
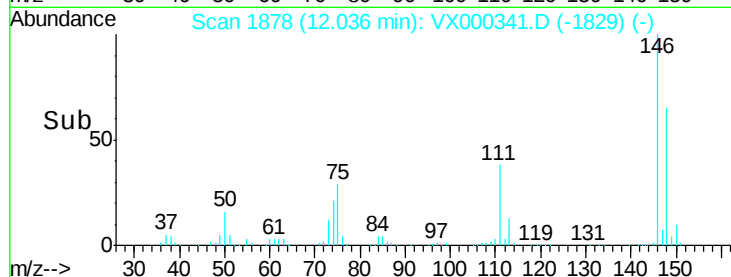
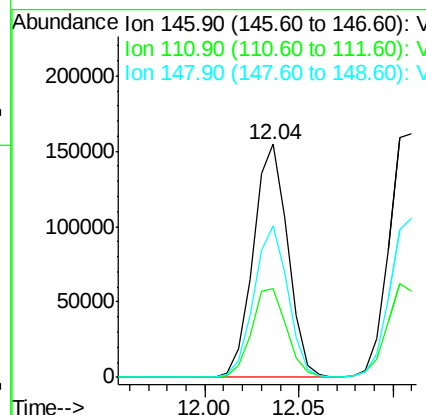
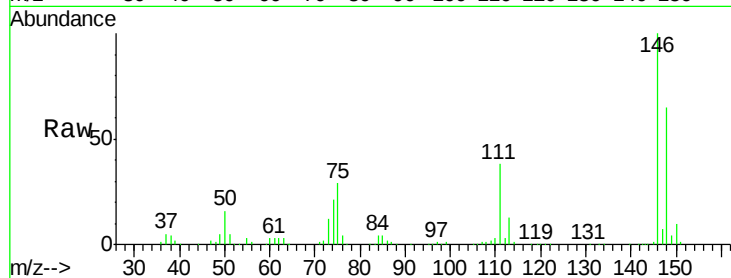




#87
 1,3-Dichlorobenzene
 Concen: 49.78 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

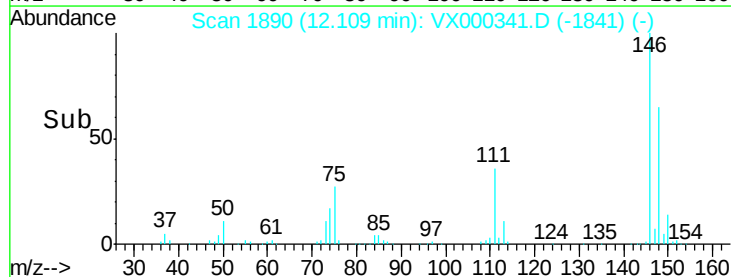
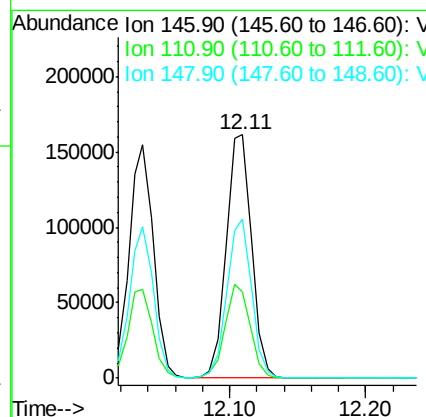
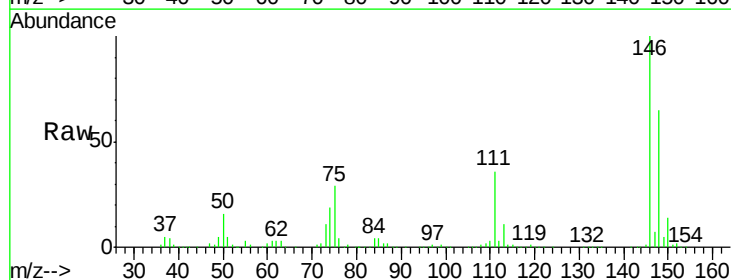
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

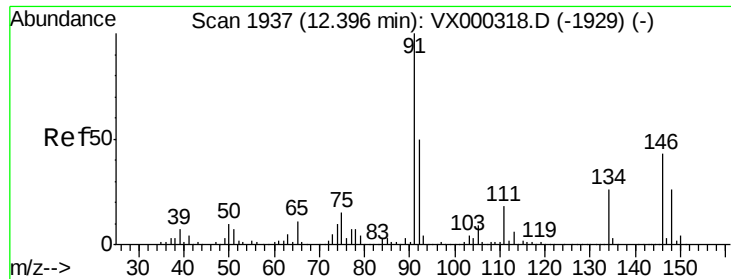
Tgt Ion:146 Resp: 196052
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.5 58.5
 148 63.9 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 50.76 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Tgt Ion:146 Resp: 207758
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.9
 148 63.6 31.0 93.0





#89

n-Butylbenzene

Concen: 49.97 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

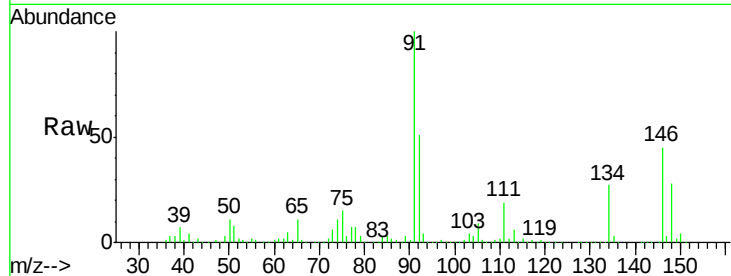
Tgt Ion: 91 Resp: 344005

Ion Ratio Lower Upper

91 100

92 51.5 25.9 77.8

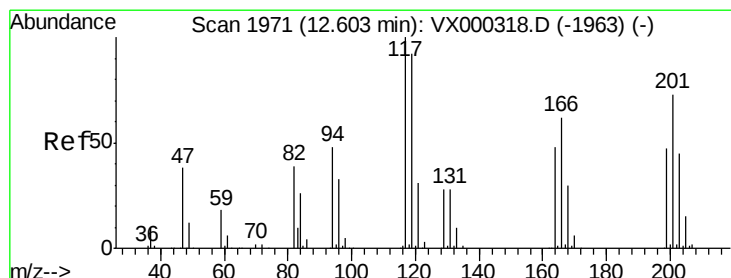
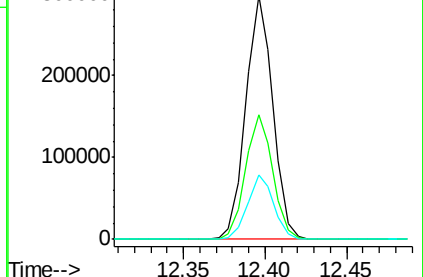
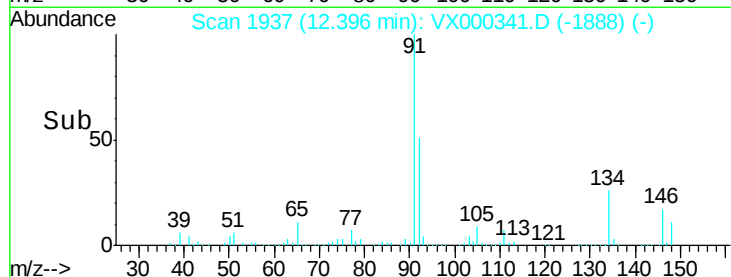
134 26.0 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 52.99 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000341.D

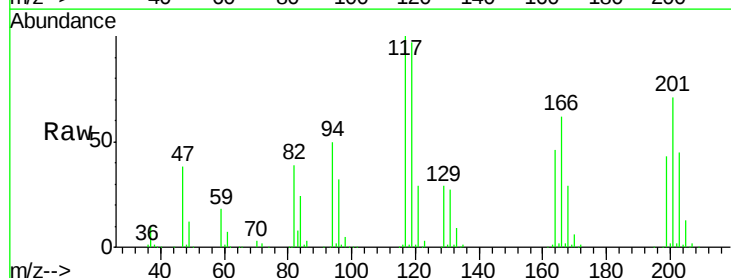
Acq: 15 Mar 2018 20:34

Tgt Ion: 117 Resp: 60179

Ion Ratio Lower Upper

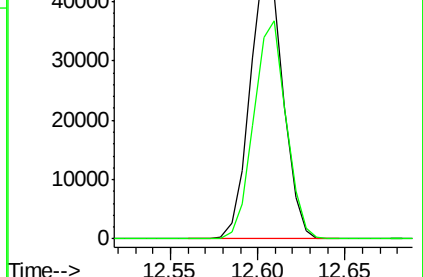
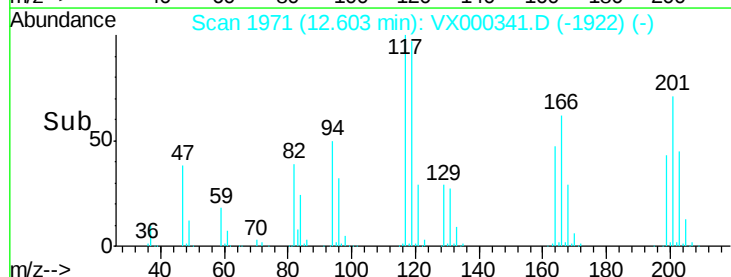
117 100

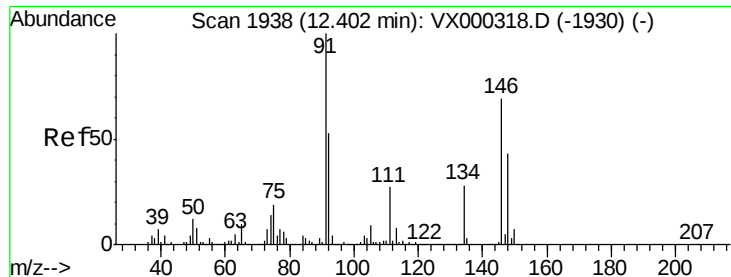
201 78.4 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

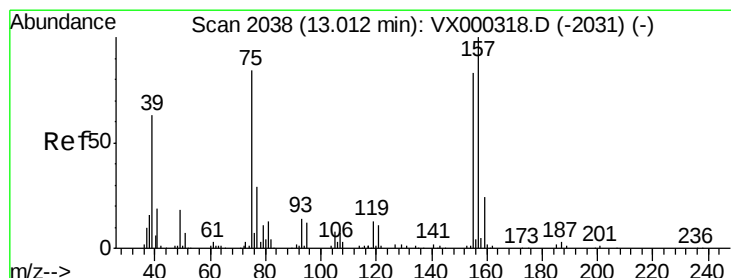
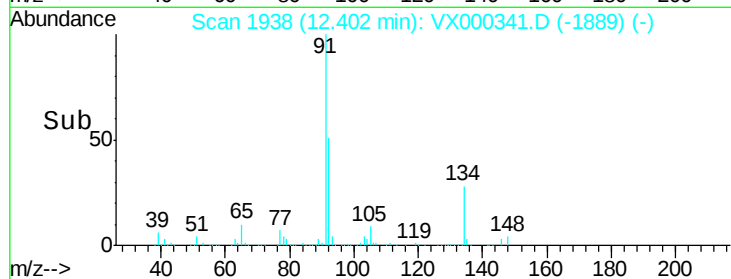
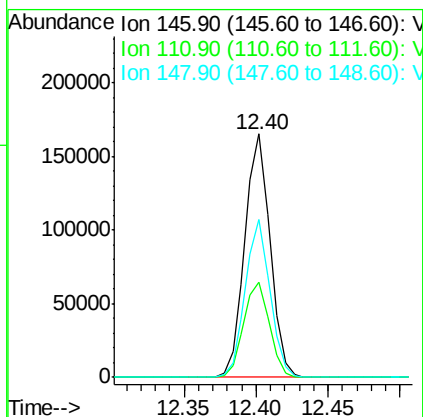
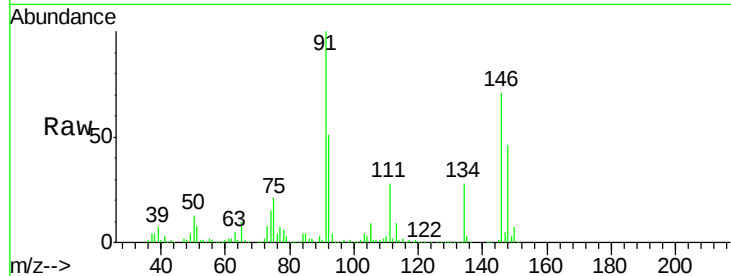




#91
1,2-Dichlorobenzene
Concen: 52.56 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

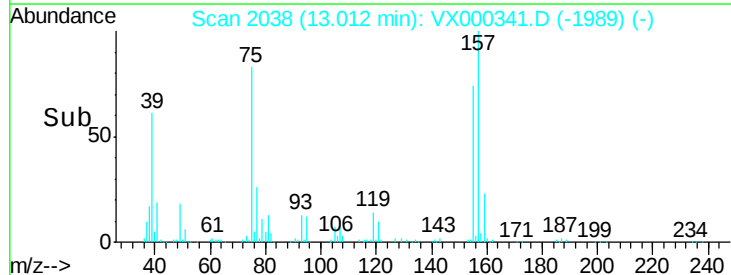
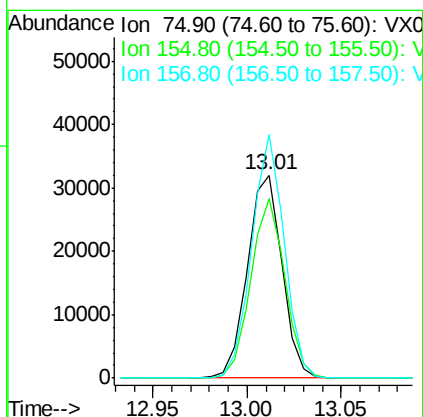
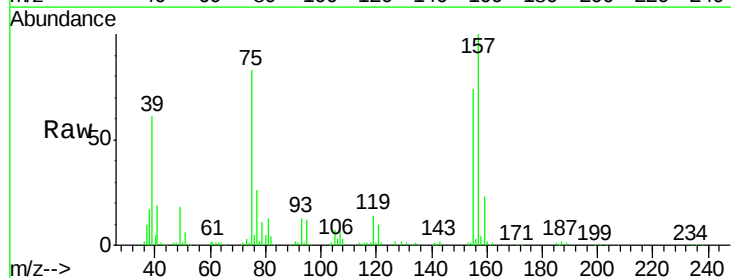
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

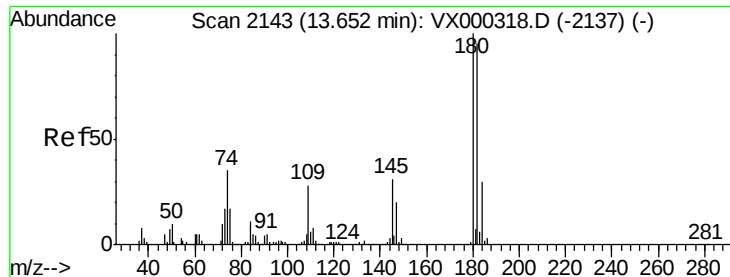
Tgt Ion: 146 Resp: 200512
Ion Ratio Lower Upper
146 100
111 39.8 20.1 60.2
148 63.5 31.2 93.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.11 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion: 75 Resp: 40606
Ion Ratio Lower Upper
75 100
155 87.2 45.0 134.8
157 112.8 58.1 174.2

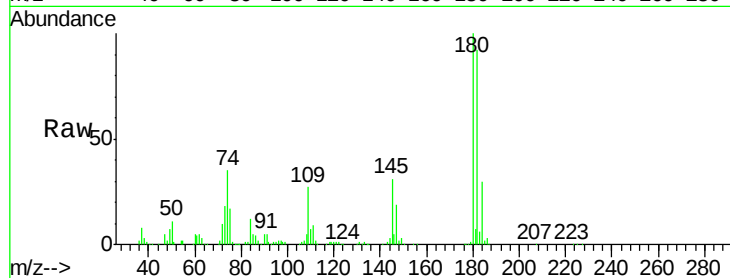




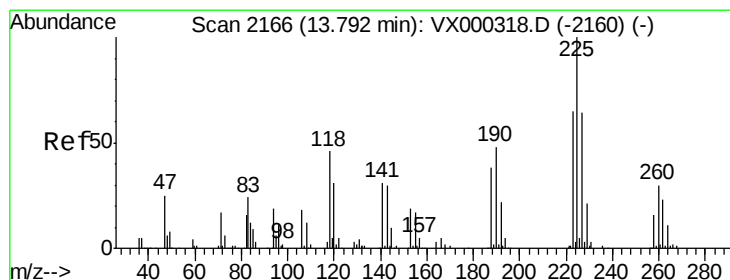
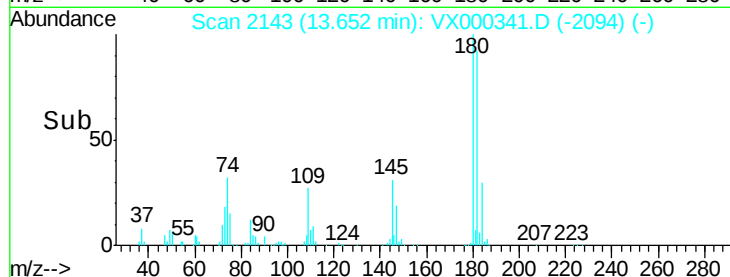
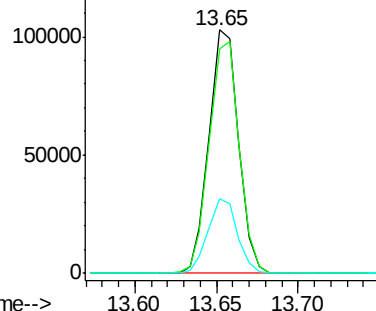
#93
 1,2,4-Trichlorobenzene
 Concen: 47.51 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 130558
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.6 142.9
 145 30.4 15.1 45.3

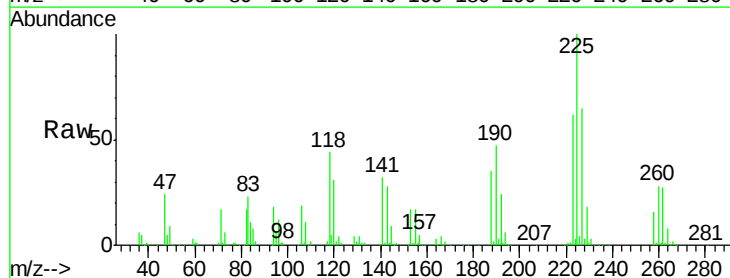


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

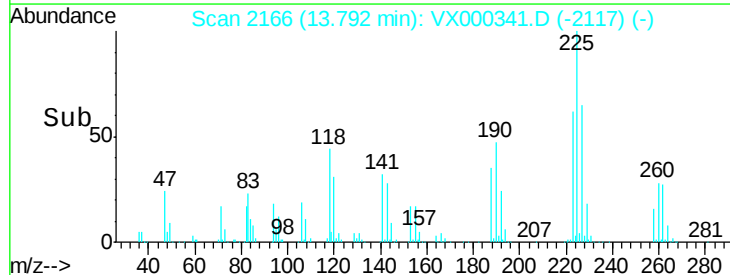
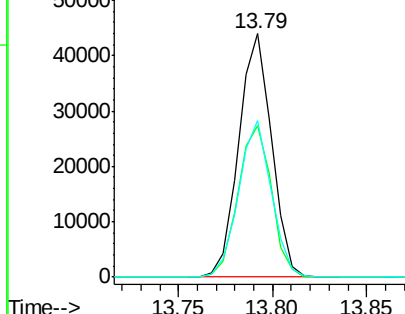


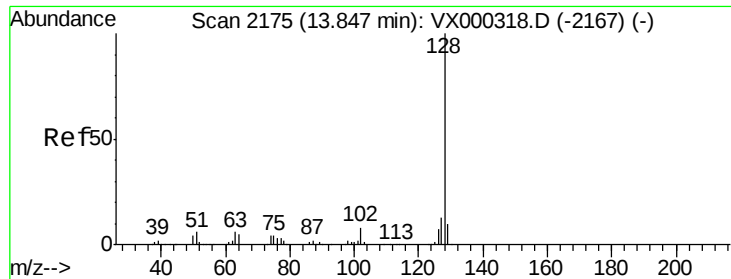
#94
 Hexachlorobutadiene
 Concen: 49.01 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Tgt Ion:225 Resp: 53127
 Ion Ratio Lower Upper
 225 100
 223 63.4 32.0 96.0
 227 64.1 32.6 98.0



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

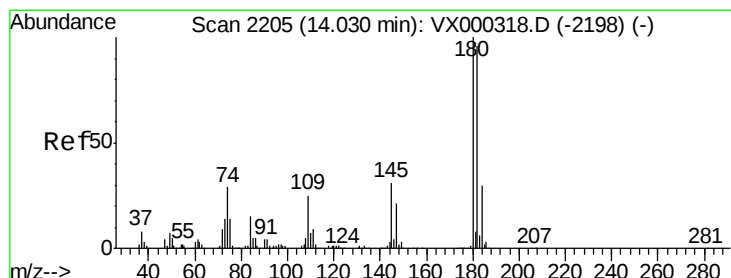
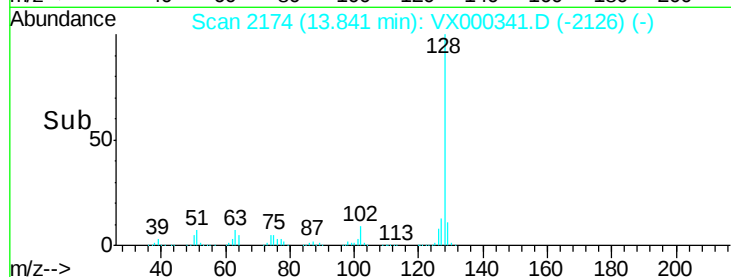
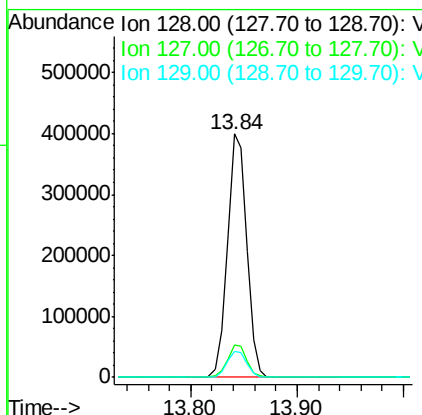
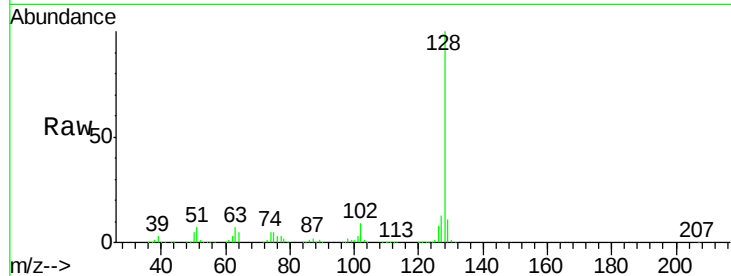




#95
Naphthalene
Concen: 53.13 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.01 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 506611
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 48.32 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion:180 Resp: 134141
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.3
145 31.7 15.8 47.3

