

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX043018\
 Data File : VX001256.D
 Acq On : 30 Apr 2018 11:02
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Quant Time: Apr 30 13:03:29 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Apr 30 12:56:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	37658	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	210752	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	196919	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	82601	28.34	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.47%
60) 4-Bromofluorobenzene	11.14	95	96797	30.05	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.17%
63) Toluene-d8	8.72	98	252888	29.98	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.93%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	54078	23.140	ug/l 97
3) Chloromethane	1.33	50	49708	21.221	ug/l 99
4) Vinyl Chloride	1.41	62	51887	18.617	ug/l 97
5) Bromomethane	1.65	94	37442	14.578	ug/l 96
6) Chloroethane	1.73	64	30807	17.268	ug/l 99
7) Trichlorofluoromethane	1.94	101	84122	17.423	ug/l 100
8) Diethyl Ether	2.20	74	28485	16.894	ug/l 87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46481	17.645	ug/l 94
10) 1,1-Dichloroethene	2.39	96	41694	16.569	ug/l 91
11) Methyl Iodide	2.52	142	46116	18.856	ug/l 93
12) Methyl Acetate	2.78	43	55862	12.424	ug/l 95
13) Acrolein	2.30	56	33281	61.507	ug/l 99
14) Acrylonitrile	3.15	53	110729	56.831	ug/l 98
15) Acetone	2.45	58	34942	55.007	ug/l 93
16) Carbon Disulfide	2.58	76	109239	15.179	ug/l 98
17) Allyl chloride	2.74	41	75161	17.520	ug/l 98
18) Methylene Chloride	2.87	84	46532	16.970	ug/l 98
19) trans-1,2-Dichloroethene	3.17	96	45332	16.559	ug/l 91
20) Diisopropyl ether	3.88	45	144517	21.335	ug/l 98
21) 1,1-Dichloroethane	3.71	63	82526	18.484	ug/l 99
22) cis-1,2-Dichloroethene	4.61	96	51136	20.104	ug/l 99
23) tert-Butyl Alcohol	3.06	59	44704	40.140	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	144796	16.701	ug/l 95
25) Chloroform	5.23	83	85848	19.392	ug/l 99
26) Cyclohexane	5.59	56	71577	20.446	ug/l # 94
29) 1,1-Dichloropropene	5.81	75	61714	20.108	ug/l 99
30) 2-Butanone	4.71	43	162808	68.914	ug/l 97
31) 2,2-Dichloropropane	4.59	77	68586	20.776	ug/l 99
32) 1,1,1-Trichloroethane	5.51	97	75977	20.459	ug/l 98
33) Carbon Tetrachloride	5.79	117	65976	20.007	ug/l 96
34) Benzene	6.15	78	188153	21.304	ug/l 95
35) Methacrylonitrile	5.07	41	35361	16.256	ug/l 93
36) 1,2-Dichloroethane	6.21	62	71563	21.368	ug/l 100
37) Trichloroethene	7.22	130	56496	21.642	ug/l 93
38) Methylcyclohexane	7.47	83	72575	19.726	ug/l 96
39) 1,2-Dichloropropane	7.52	63	46882	21.263	ug/l 96
40) Dibromomethane	7.67	93	33292	19.598	ug/l 87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	61480	19.040	ug/l	100
42) Vinyl Acetate	3.83	43	635808	105.589	ug/l	97
43) Ethyl Acetate	4.87	43	60416	14.559	ug/l	97
44) Isopropyl Acetate	6.47	43	101755	16.713	ug/l	99
45) 1,4-Dioxane	7.76	88	17771	232.078	ug/l	96
46) Methyl methacrylate	7.78	41	53304	18.000	ug/l	90
47) n-amyl Acetate	10.90	43	94961	17.865	ug/l	100
48) t-1,3-Dichloropropene	8.44	75	70920	18.867	ug/l	96
49) cis-1,3-Dichloropropene	9.05	75	67420	18.431	ug/l	96
50) 1,1,2-Trichloroethane	9.22	97	49840	19.981	ug/l	99
51) Ethyl methacrylate	9.19	69	67732	17.724	ug/l	94
52) 1,3-Dichloropropane	9.38	76	80050	20.009	ug/l	100
53) Dibromochloromethane	9.59	129	51599	18.593	ug/l	99
54) 1,2-Dibromoethane	9.68	107	51709	18.600	ug/l	96
55) 2-Chloroethyl vinyl ether	8.32	63	172456	103.350	ug/l	100
56) Bromoform	10.86	173	40032	17.812	ug/l #	96
58) 4-Methyl-2-Pentanone	8.65	43	330577	76.643	ug/l	98
59) 2-Hexanone	9.50	43	253905	69.518	ug/l	97
61) Tetrachloroethene	9.34	164	64374	26.923	ug/l	89
62) Toluene	8.79	91	212583	20.749	ug/l	99
64) Chlorobenzene	10.14	112	142697	20.611	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	52761	21.515	ug/l	96
66) Ethyl Benzene	10.26	91	235915	20.173	ug/l	98
67) m/p-Xylenes	10.37	106	184525	40.249	ug/l	99
68) o-Xylene	10.70	106	90390	20.298	ug/l	99
69) Styrene	10.71	104	148902	20.186	ug/l	99
70) Isopropylbenzene	11.02	105	244831	20.339	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	70514	17.024	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	77729	20.921	ug/l	86
73) Bromobenzene	11.26	156	70084	22.208	ug/l	95
74) n-propylbenzene	11.37	91	273451	19.380	ug/l	99
75) 2-Chlorotoluene	11.43	91	164319	20.257	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	205511	20.146	ug/l	67
77) t-1,4-Dichloro-2-butene	11.08	75	16278	12.390	ug/l	82
78) 4-Chlorotoluene	11.52	91	196040	20.172	ug/l	99
79) tert-butylbenzene	12.07	119	219567	21.625	ug/l	95
80) 1,2,4-Trimethylbenzene	11.81	105	213255	20.493	ug/l	98
81) sec-Butylbenzene	11.95	105	239624	19.091	ug/l	99
82) p-Isopropyltoluene	12.07	119	219567	19.609	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	127175	21.166	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	130539	20.846	ug/l	98
85) n-Butylbenzene	12.39	91	182751	17.401	ug/l	98
86) Hexachloroethane	12.60	117	31910	17.060	ug/l	72
87) 1,2-Dichlorobenzene	12.40	146	127029	21.335	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	14441	12.469	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	95453	21.828	ug/l	98
90) Hexachlorobutadiene	13.79	225	42685	22.656	ug/l	98
91) Naphthalene	13.84	128	251106	16.432	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	94092	21.402	ug/l	96

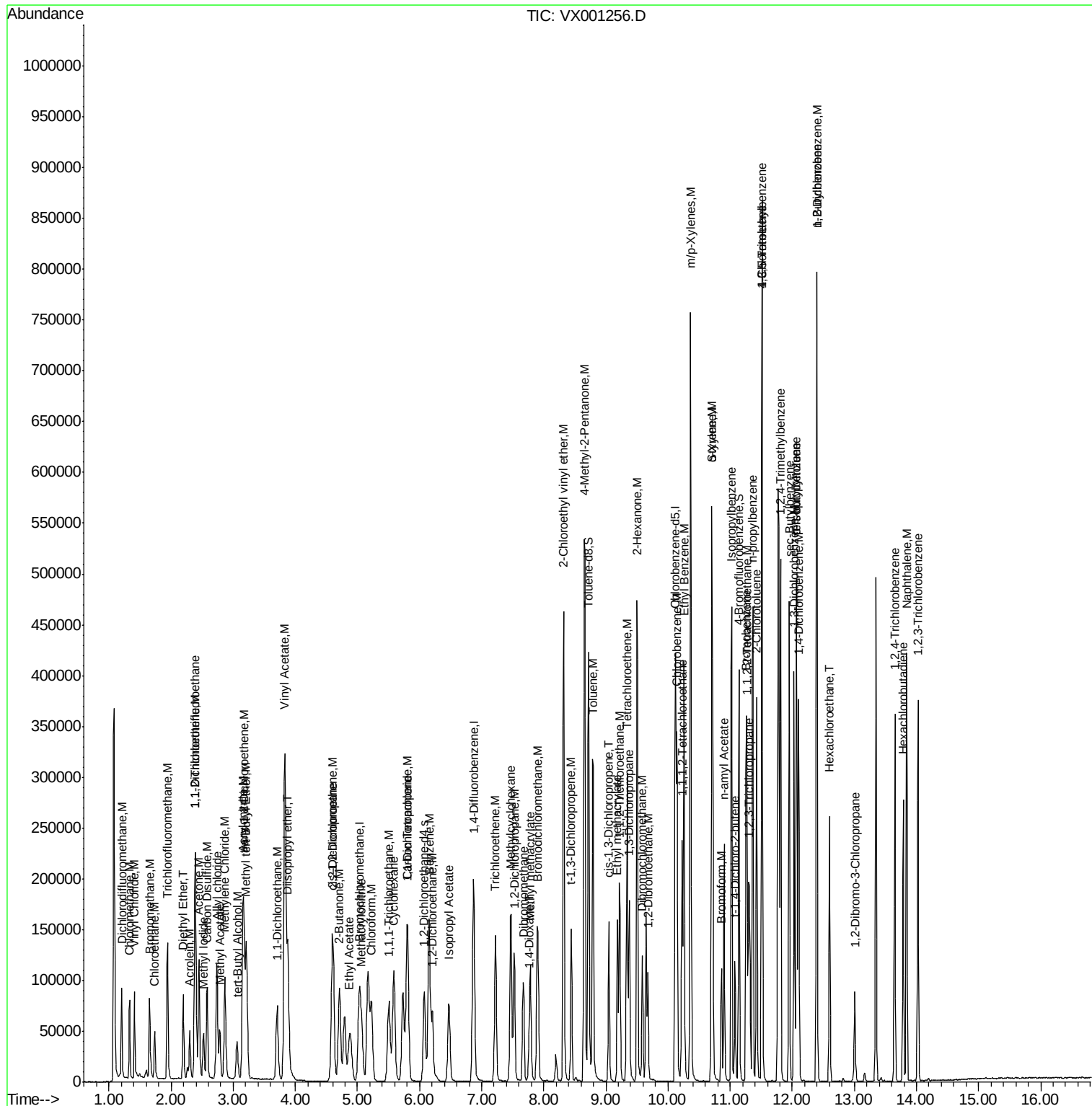
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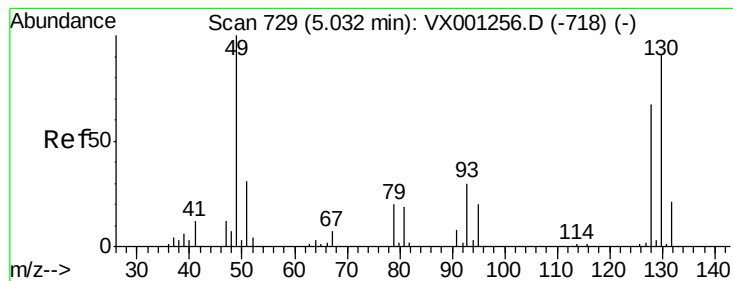
Instrument :
MSVOA_X
ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.00 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

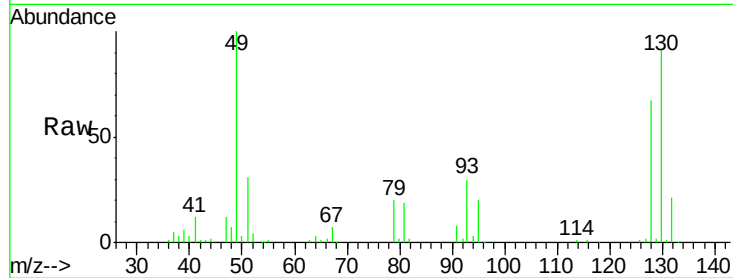
Tot Ion:128 Resp: 37658

Ion Ratio Lower Upper

128 100

49 148.1 0.0 378.3

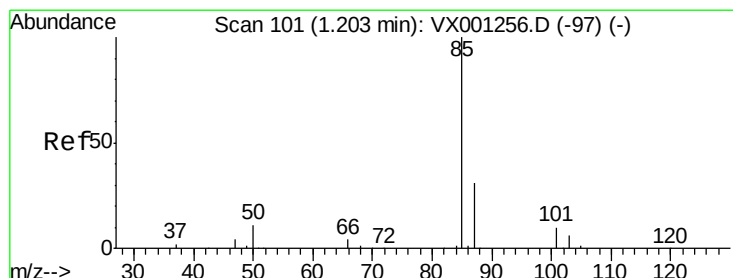
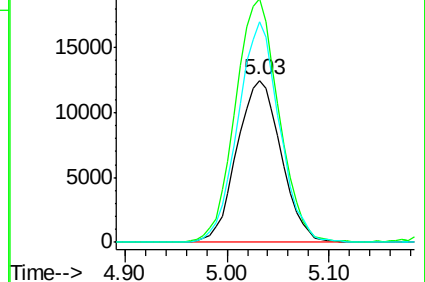
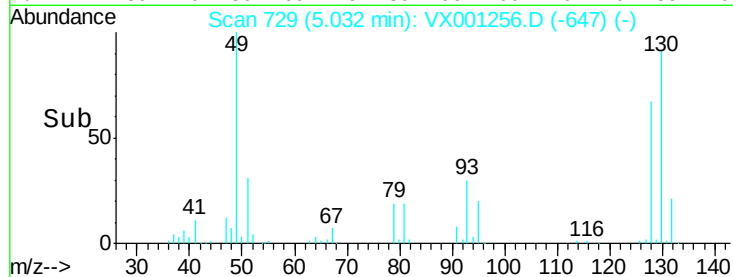
130 128.2 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 23.140 ug/l

RT: 1.20 min Scan# 101

Delta R.T. 0.01 min

Lab File: VX001256.D

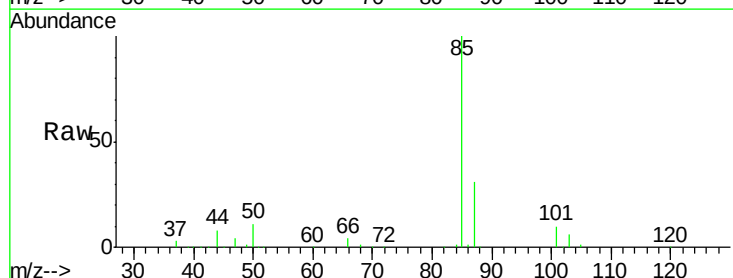
Acq: 30 Apr 2018 11:02

Tgt Ion: 85 Resp: 54078

Ion Ratio Lower Upper

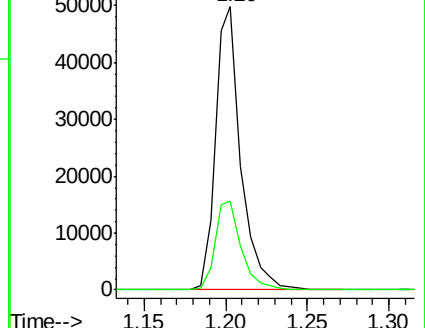
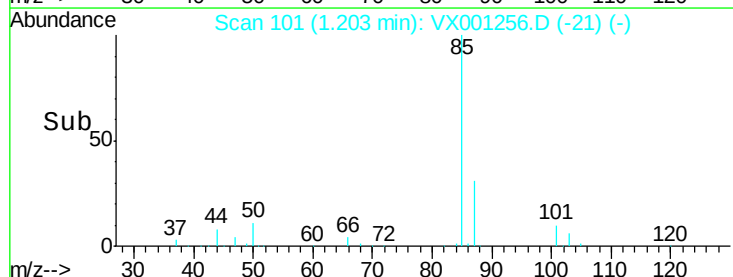
85 100

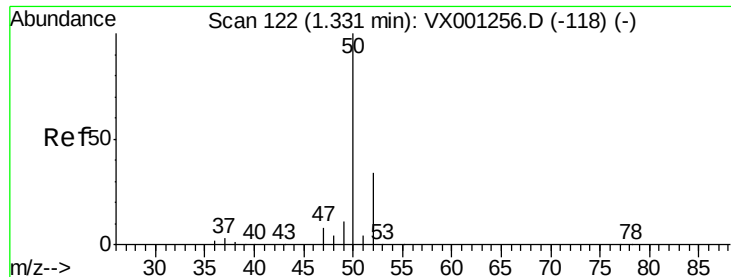
87 31.3 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

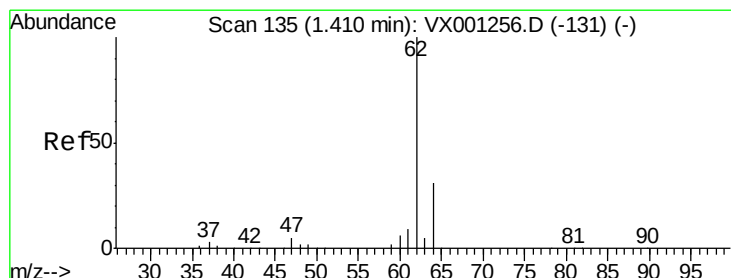
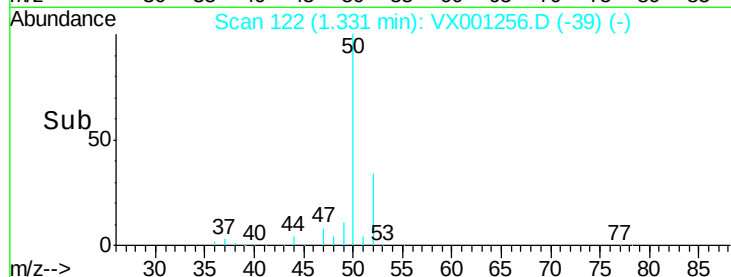
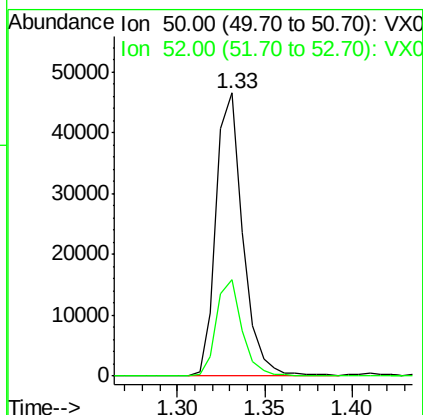
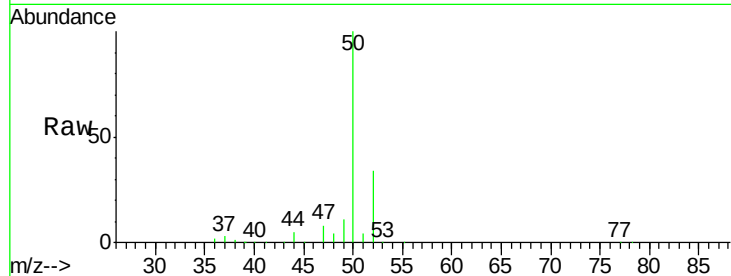




#3
Chloromethane
Concen: 21.221 ug/l
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

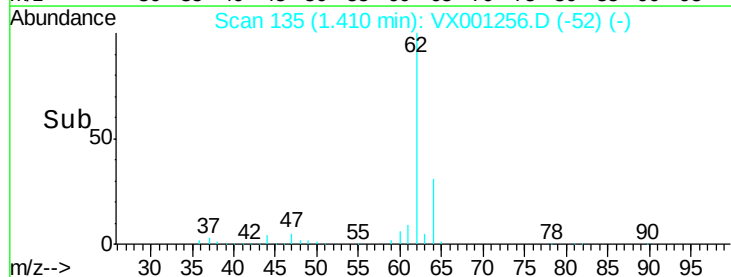
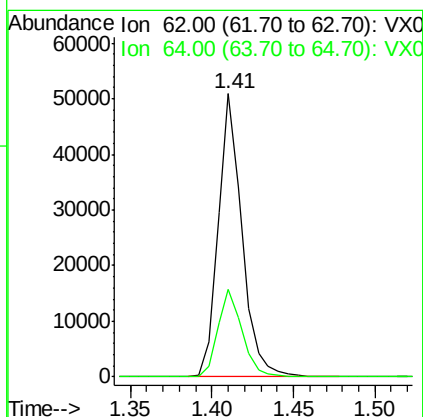
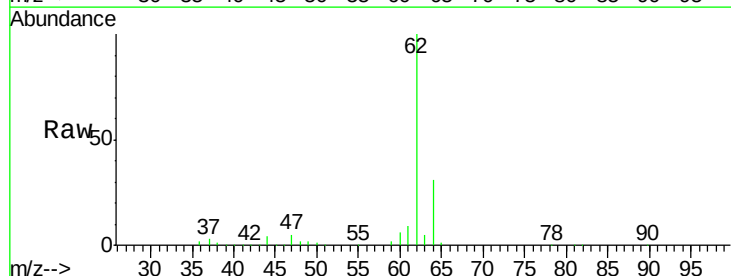
Instrument :
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VSTDICCC020

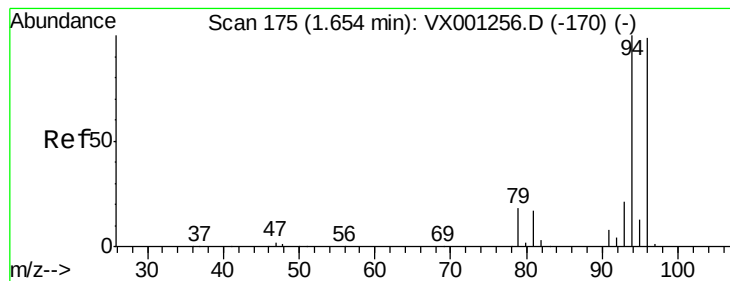
Tot Ion: 50 Resp: 49708
Ion Ratio Lower Upper
50 100
52 34.0 27.8 41.6



#4
Vinyl Chloride
Concen: 18.617 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

Tgt Ion: 62 Resp: 51887
Ion Ratio Lower Upper
62 100
64 31.1 26.0 39.0





#5

Bromomethane

Concen: 14.578 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

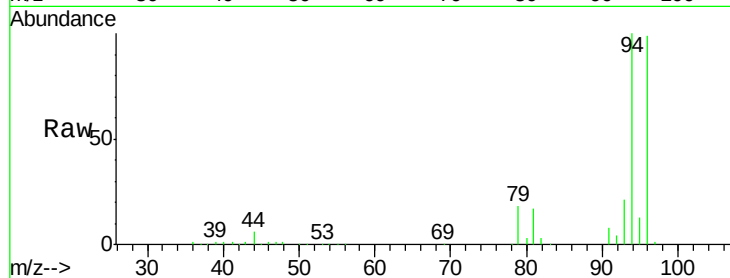
VSTDICCC020

Tot Ion: 94 Resp: 37442

Ion Ratio Lower Upper

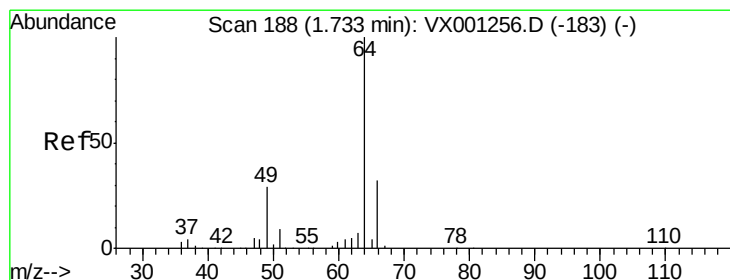
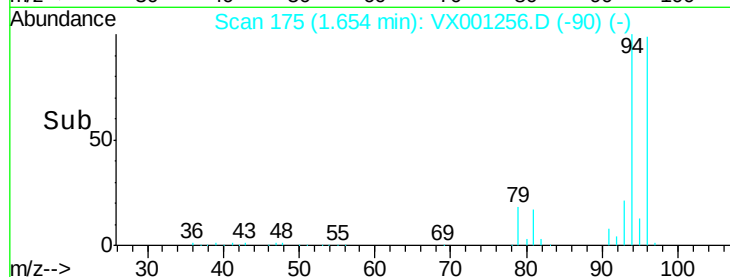
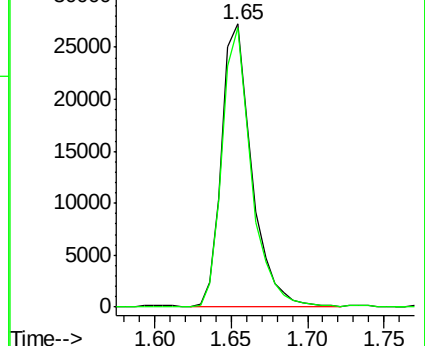
94 100

96 98.7 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 17.268 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX001256.D

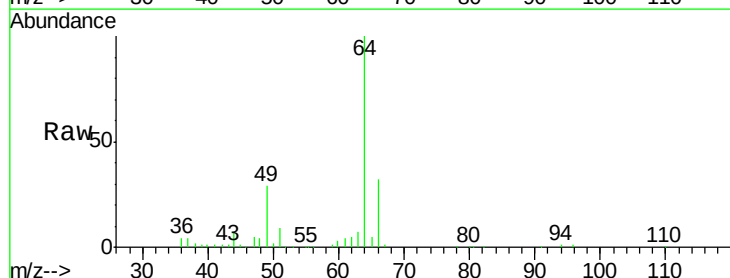
Acq: 30 Apr 2018 11:02

Tgt Ion: 64 Resp: 30807

Ion Ratio Lower Upper

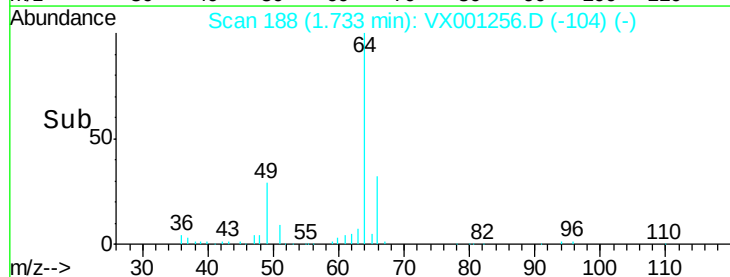
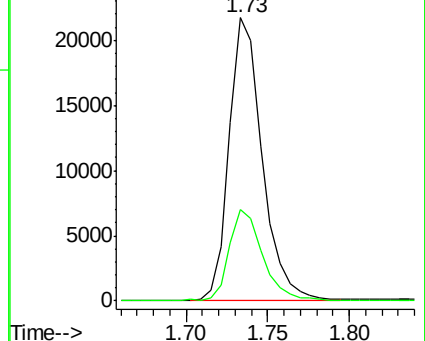
64 100

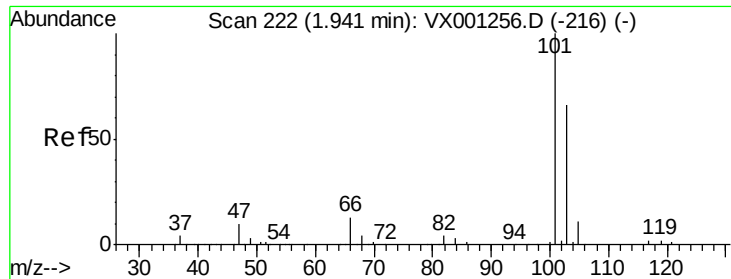
66 32.0 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



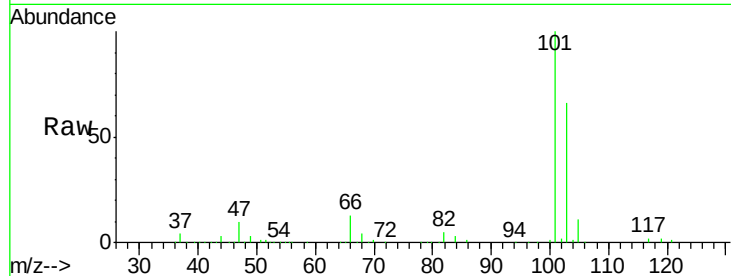


#7

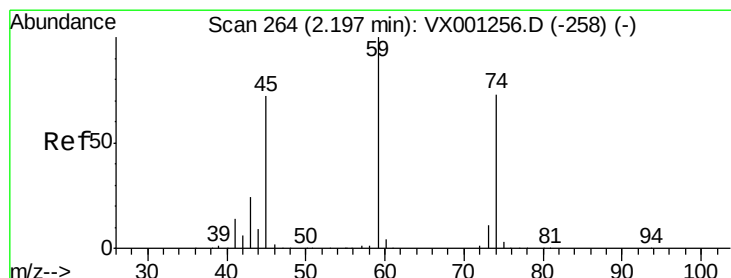
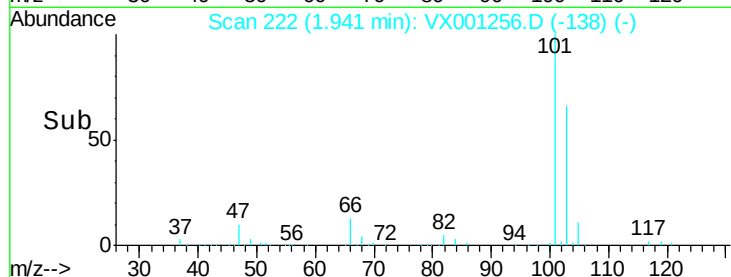
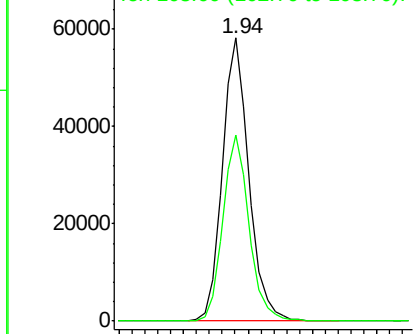
Trichlorofluoromethane
Concen: 17.423 ug/l
RT: 1.94 min Scan# 222
Delta R.T. 0.01 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

Instrument :
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Tot Ion:101 Resp: 84122
Ion Ratio Lower Upper
101 100
103 65.6 52.2 78.4



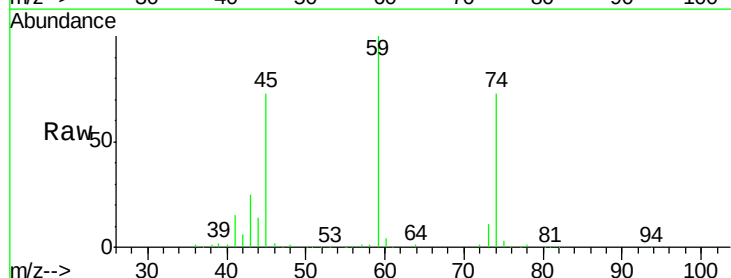
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



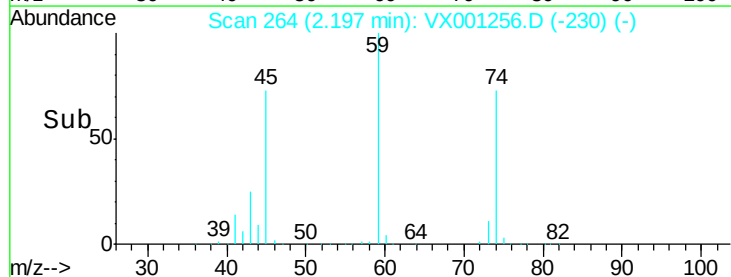
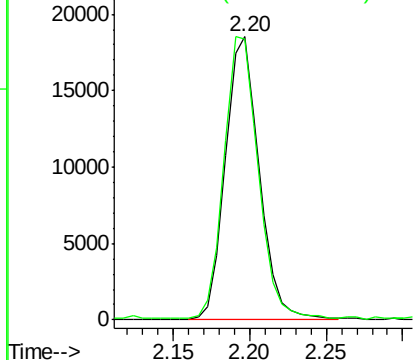
#8

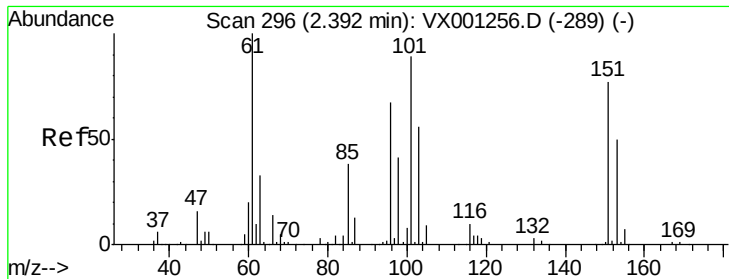
Diethyl Ether
Concen: 16.894 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

Tgt Ion: 74 Resp: 28485
Ion Ratio Lower Upper
74 100
45 101.2 17.8 159.8



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: 17.645 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

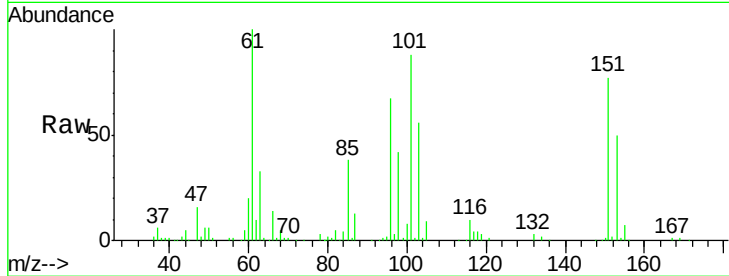
Tot Ion:101 Resp: 46481

Ion Ratio Lower Upper

101 100

85 45.4 0.0 90.4

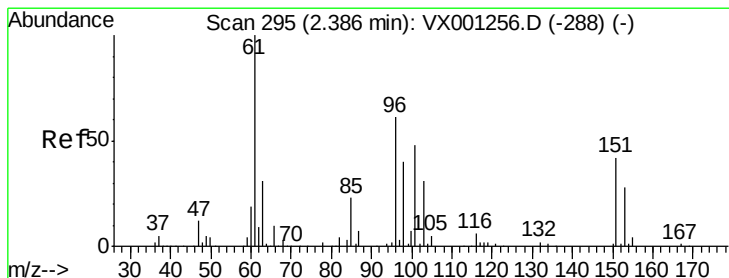
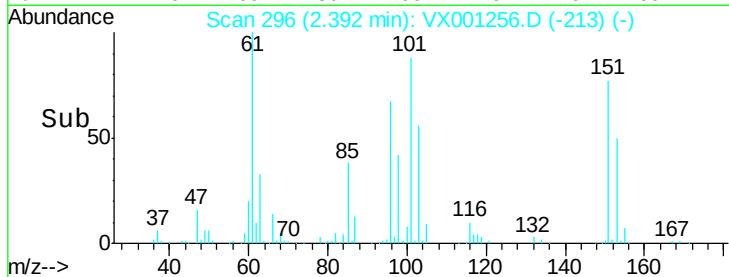
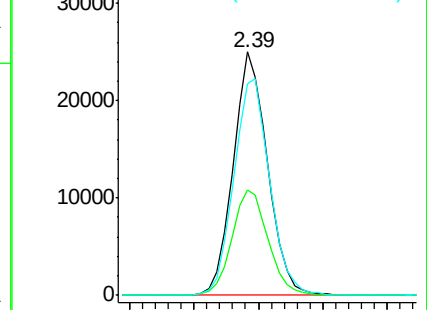
151 92.6 0.0 167.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 16.569 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

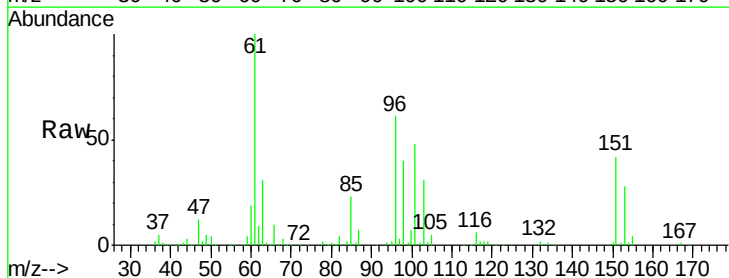
Tgt Ion: 96 Resp: 41694

Ion Ratio Lower Upper

96 100

61 162.6 118.6 178.0

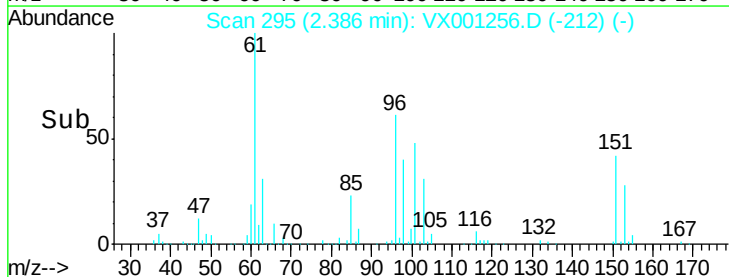
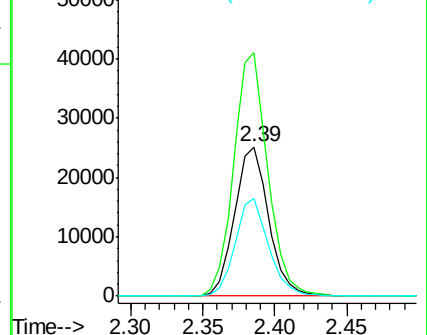
98 65.3 51.0 76.6

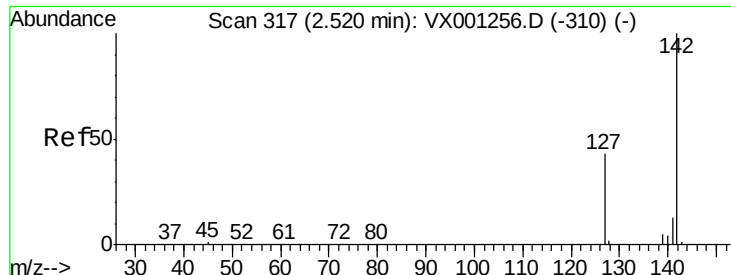


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

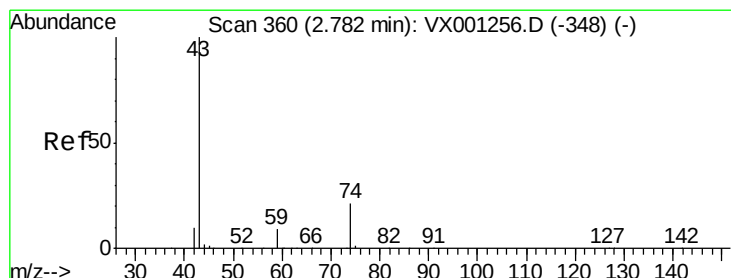
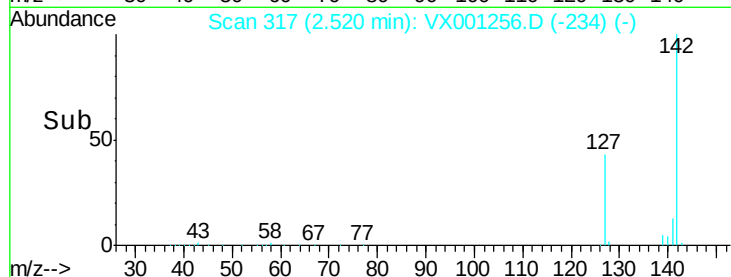
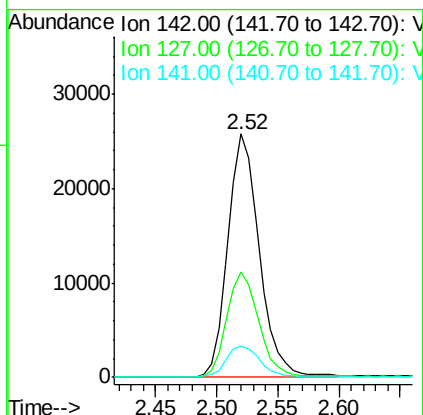
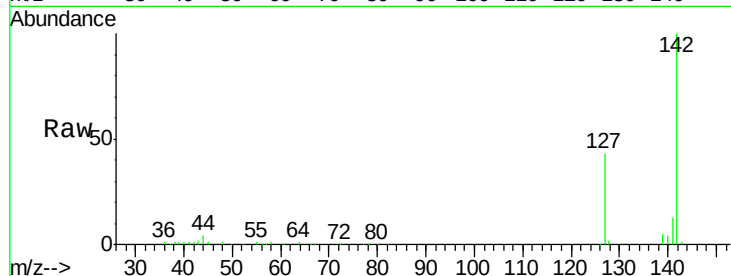




#11
Methyl Iodide
Concen: 18.856 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

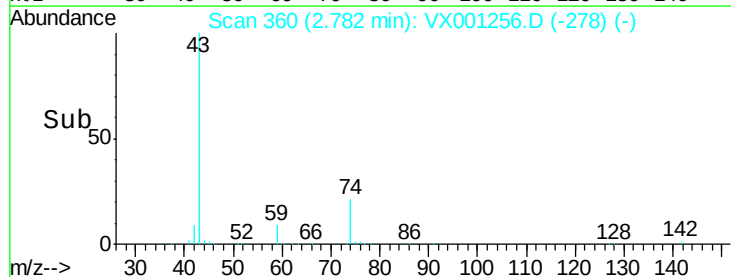
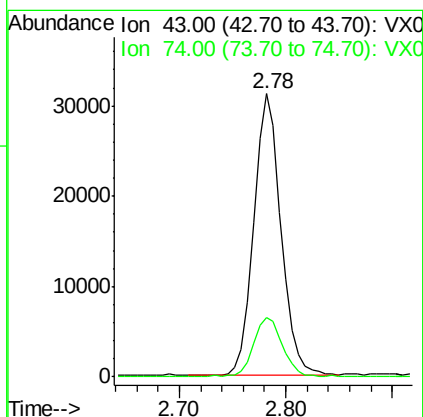
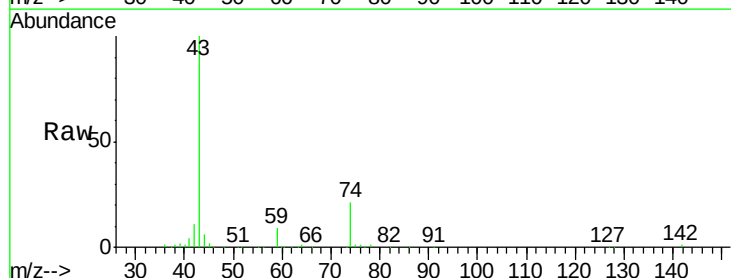
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

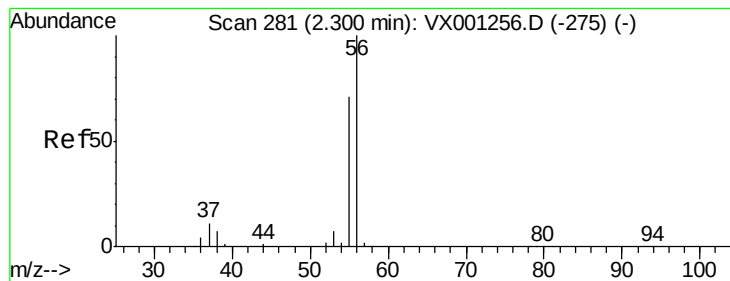
Tot Ion:142 Resp: 46116
Ion Ratio Lower Upper
142 100
127 43.2 23.8 71.5
141 13.0 8.2 24.4



#12
Methyl Acetate
Concen: 12.424 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

Tgt Ion: 43 Resp: 55862
Ion Ratio Lower Upper
43 100
74 20.8 18.6 27.8





#13

Acrolein

Concen: 61.507 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

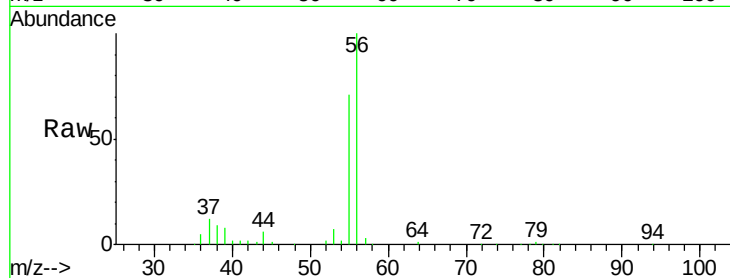
VSTDICCC020

Tot Ion: 56 Resp: 33281

Ion Ratio Lower Upper

56 100

55 72.1 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

25000

20000

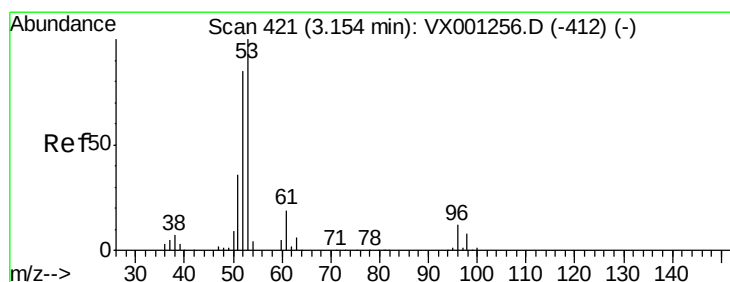
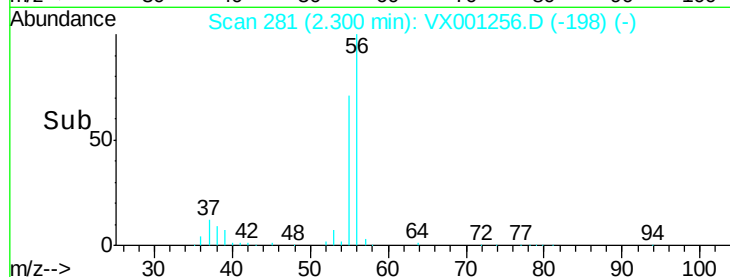
15000

10000

5000

0

Time-->



#14

Acrylonitrile

Concen: 56.831 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

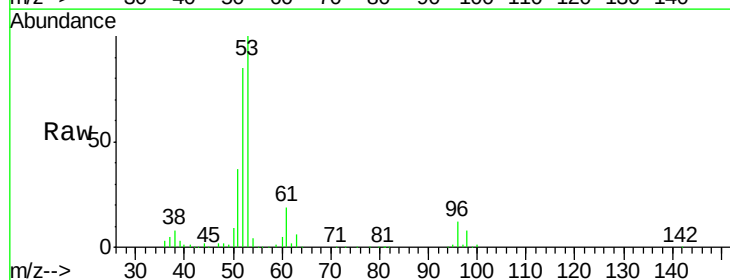
Tgt Ion: 53 Resp: 110729

Ion Ratio Lower Upper

53 100

52 83.4 41.9 125.8

51 35.3 18.8 56.3



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

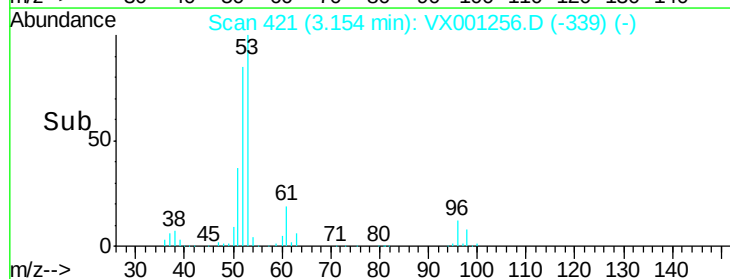
60000

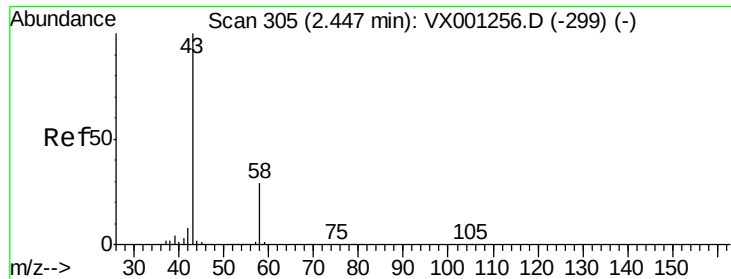
40000

20000

0

Time-->





#15

Acetone

Concen: 55.007 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

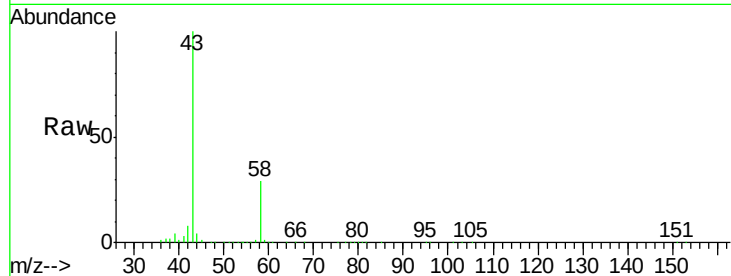
VSTDICCC020

Tot Ion: 58 Resp: 34942

Ion Ratio Lower Upper

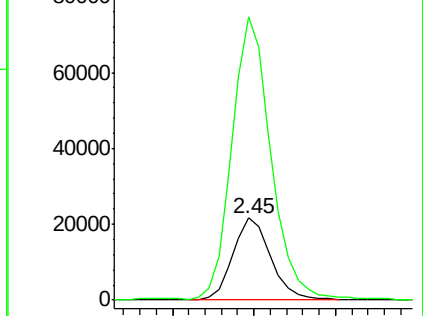
58 100

43 344.8 264.6 396.8

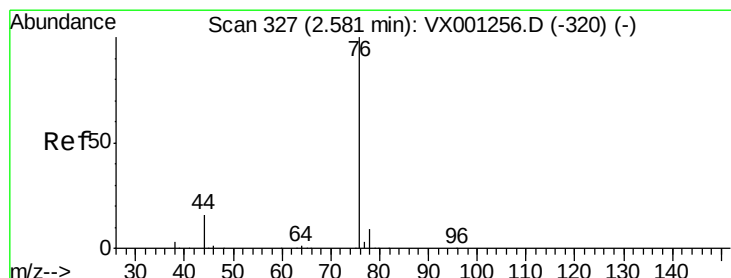
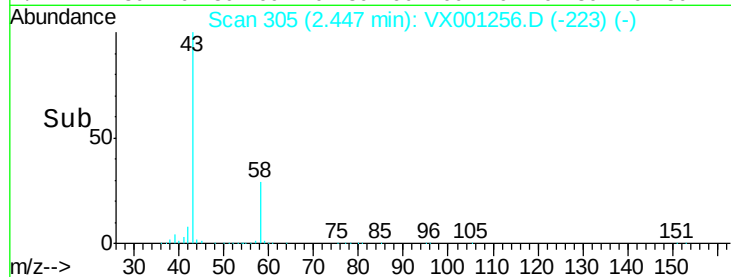


Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



Time-->



#16

Carbon Disulfide

Concen: 15.179 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX001256.D

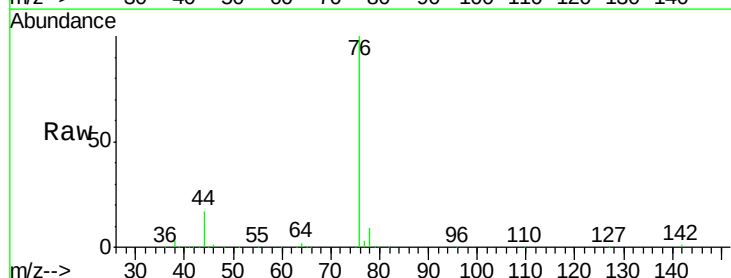
Acq: 30 Apr 2018 11:02

Tgt Ion: 76 Resp: 109239

Ion Ratio Lower Upper

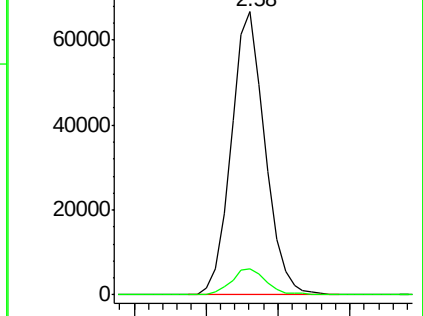
76 100

78 9.2 6.8 10.2

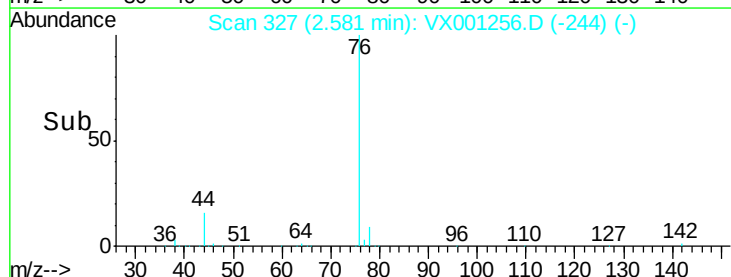


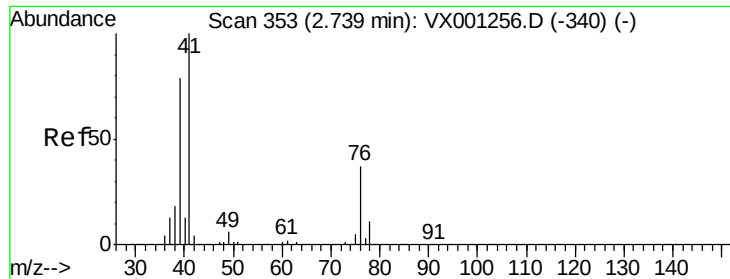
Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0



Time-->

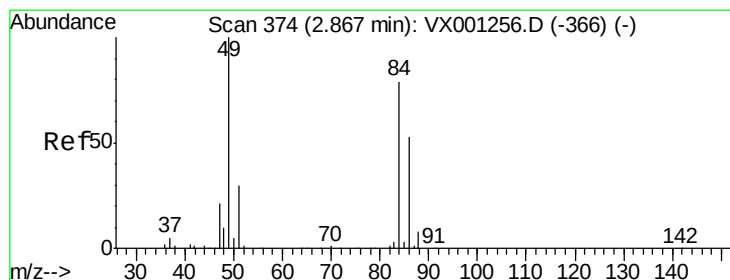
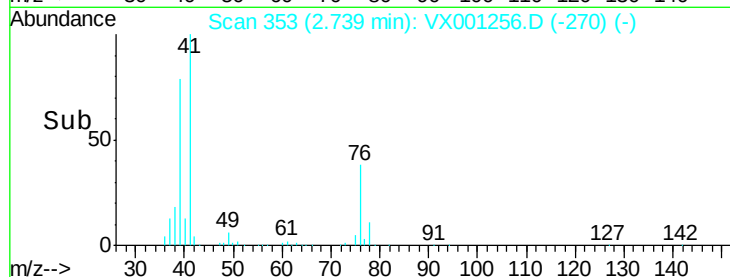
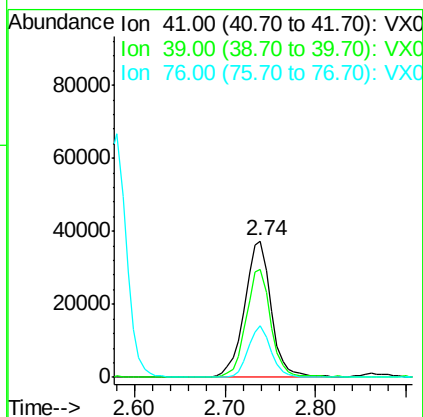
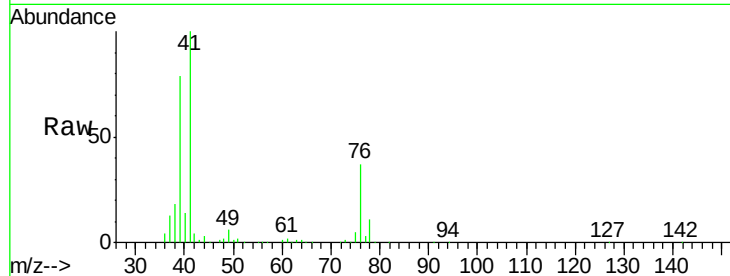




#17
Allvl chloride
Concen: 17.520 ug/l
RT: 2.74 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

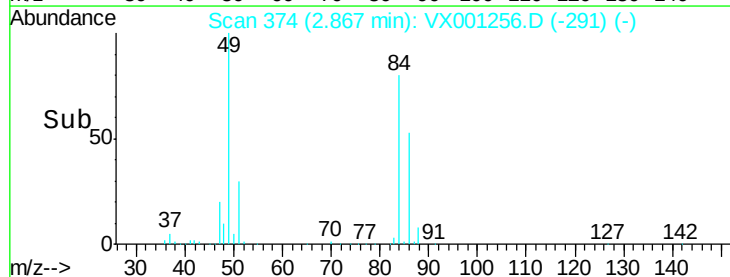
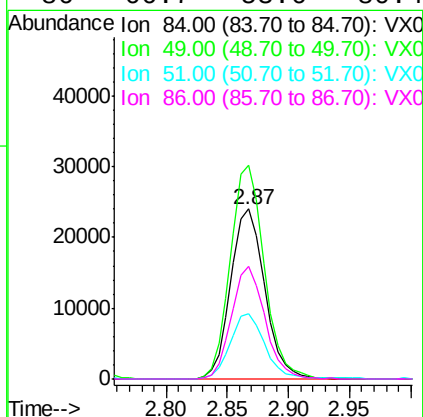
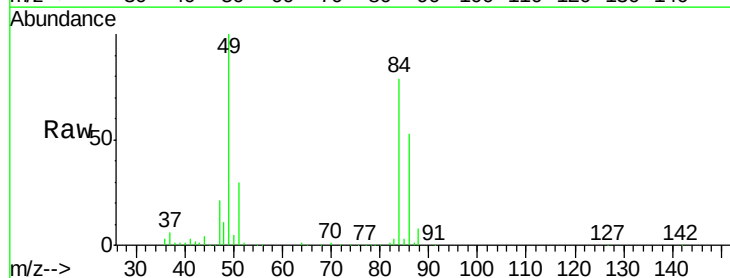
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

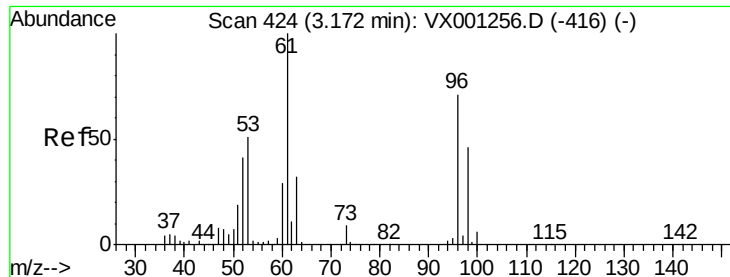
Tot Ion: 41 Resp: 75161
Ion Ratio Lower Upper
41 100
39 79.0 38.5 115.5
76 37.6 18.7 56.1



#18
Methylene Chloride
Concen: 16.970 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

Tgt Ion: 84 Resp: 46532
Ion Ratio Lower Upper
84 100
49 125.9 103.3 154.9
51 38.0 31.2 46.8
86 66.7 53.6 80.4

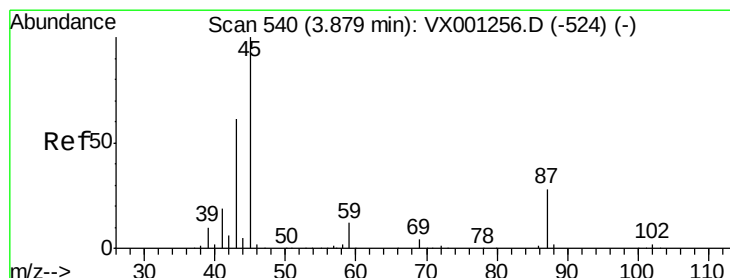
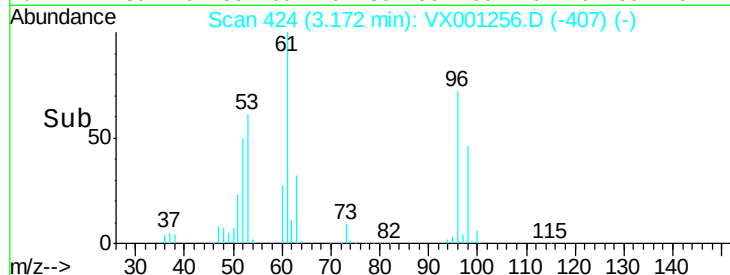
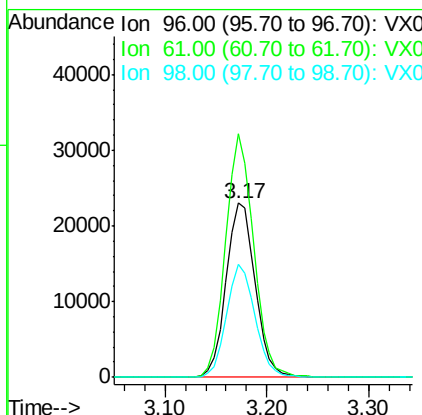
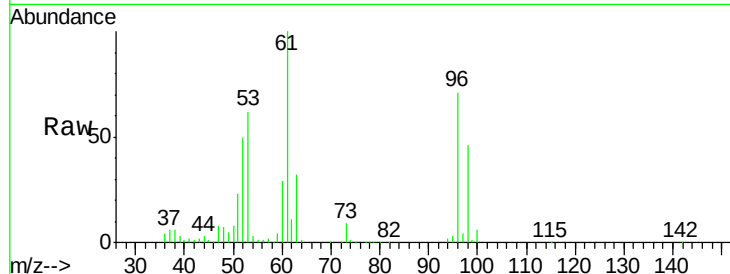




#19
trans-1,2-Dichloroethene
Concen: 16.559 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

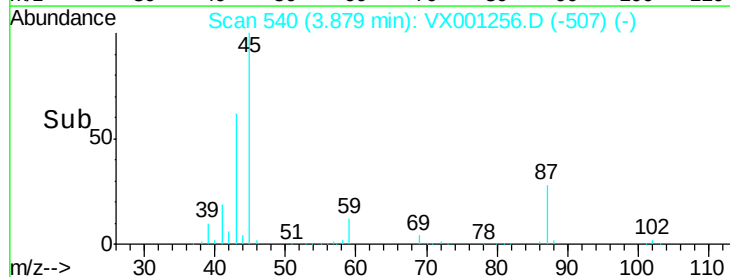
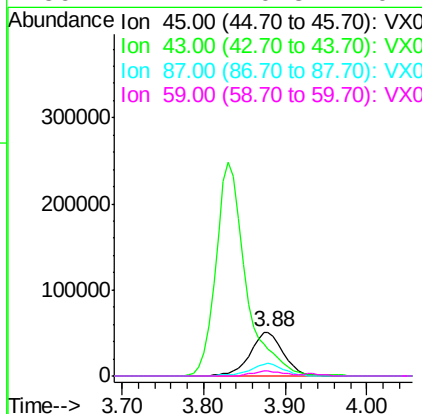
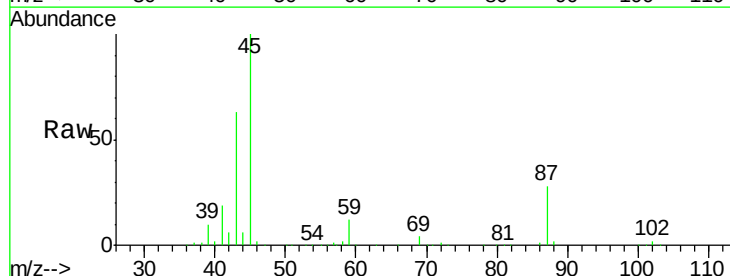
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

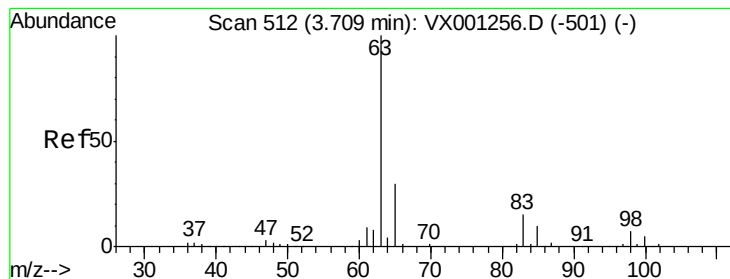
Tot Ion: 96 Resp: 45332
Ion Ratio Lower Upper
96 100
61 139.9 101.0 151.6
98 64.7 53.3 79.9



#20
Diisopropyl ether
Concen: 21.335 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.00 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

Tgt Ion: 45 Resp: 144517
Ion Ratio Lower Upper
45 100
43 60.8 49.6 74.4
87 28.2 23.1 34.7
59 12.2 10.8 16.2





#21

1,1-Dichloroethane

Concen: 18.484 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

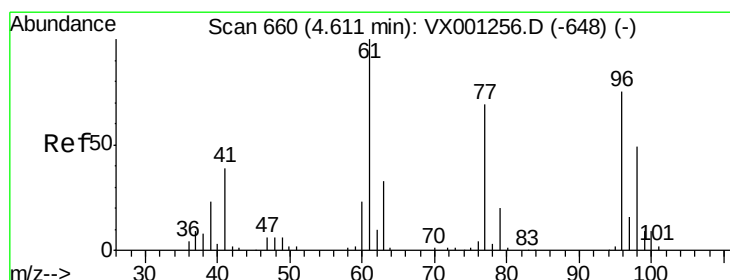
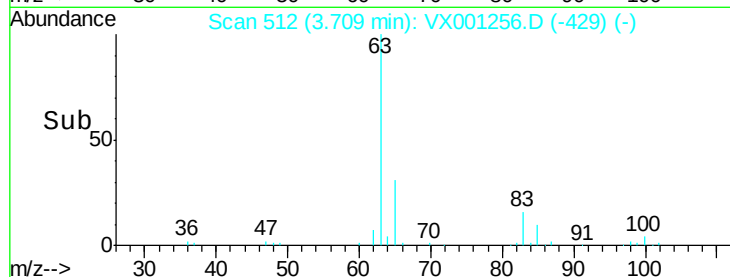
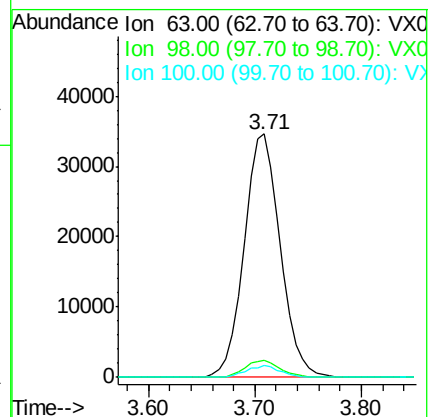
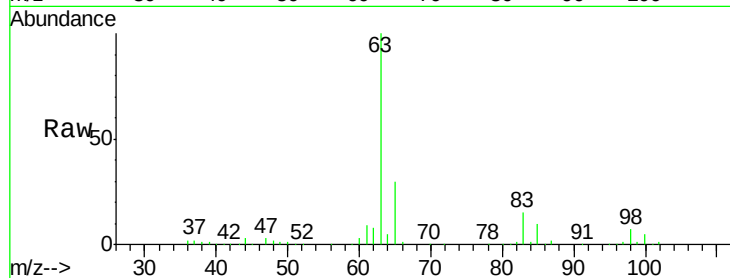
Tot Ion: 63 Resp: 82526

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 4.7 2.1 6.5



#22

cis-1,2-Dichloroethene

Concen: 20.104 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

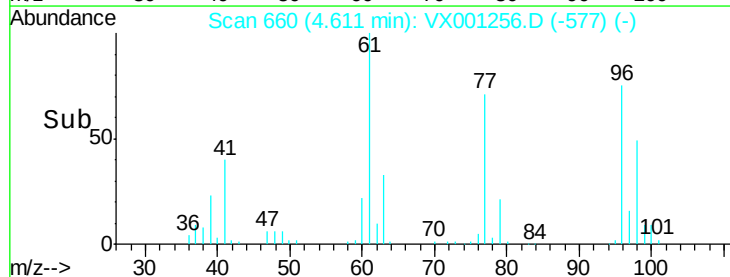
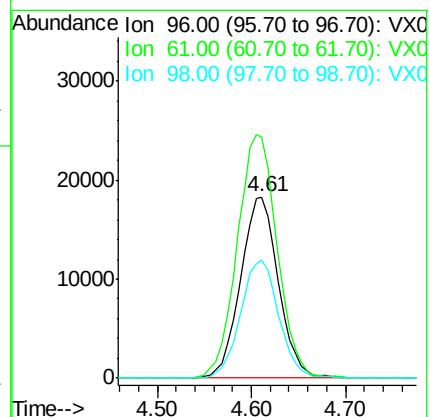
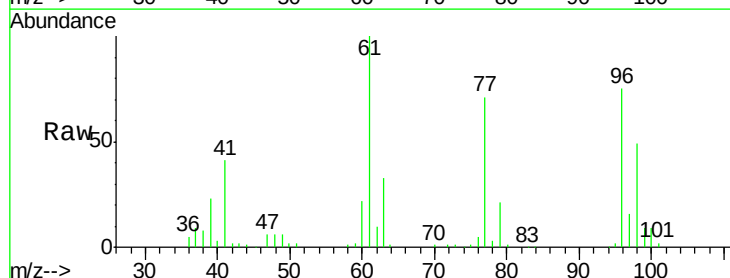
Tgt Ion: 96 Resp: 51136

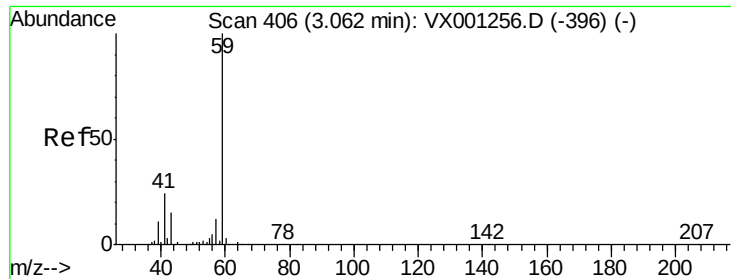
Ion Ratio Lower Upper

96 100

61 142.1 113.5 170.3

98 66.0 51.8 77.8





#23

tert-Butyl Alcohol

Concen: 40.140 ug/l

RT: 3.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

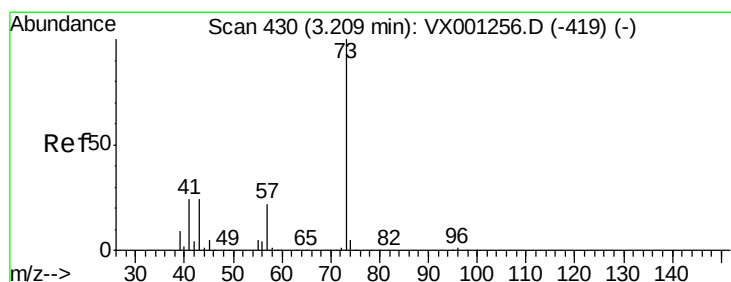
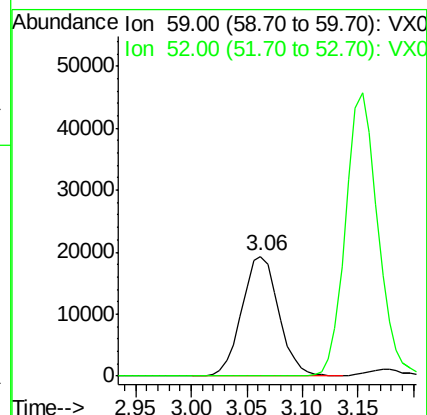
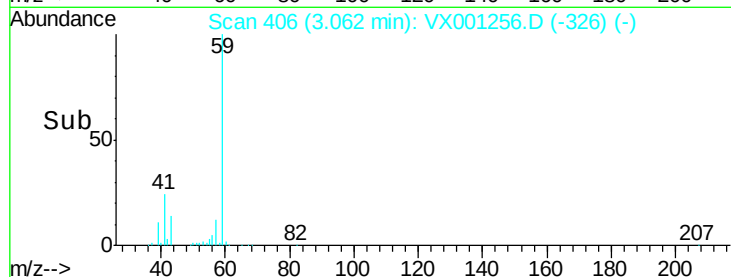
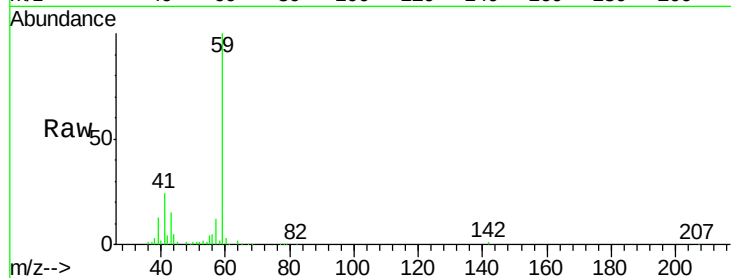
VSTDICCC020

Tot Ion: 59 Resp: 44704

Ion Ratio Lower Upper

59 100

52 0.1 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 16.701 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX001256.D

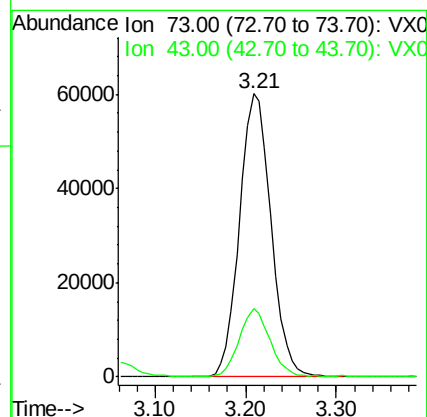
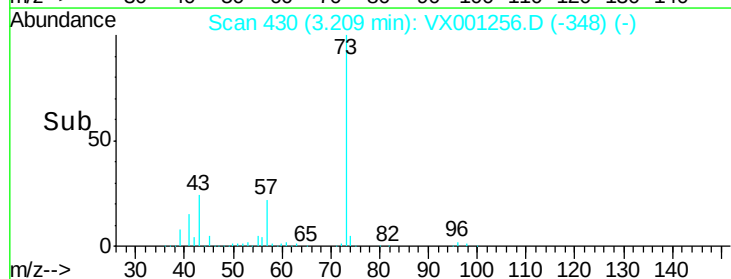
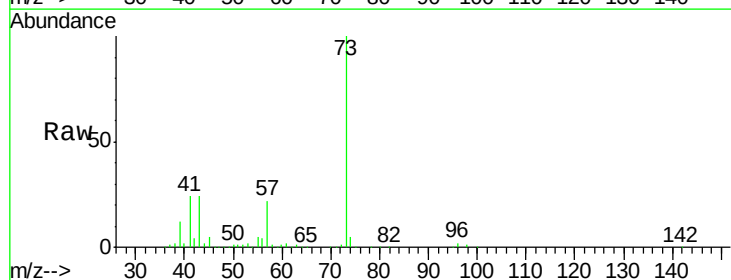
Acq: 30 Apr 2018 11:02

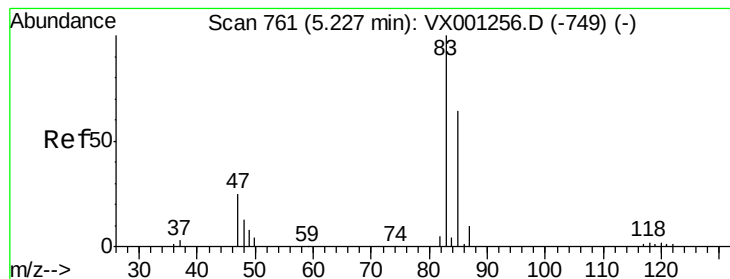
Tgt Ion: 73 Resp: 144796

Ion Ratio Lower Upper

73 100

43 22.8 16.5 24.7





#25

Chloroform

Concen: 19.392 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

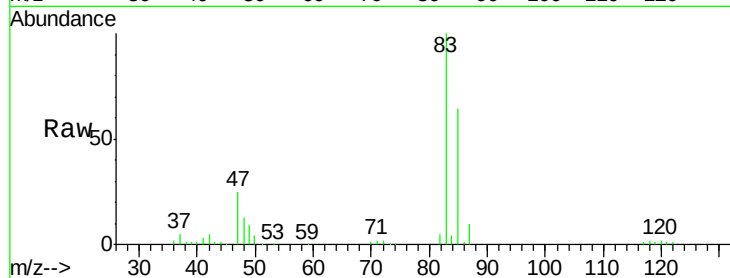
VSTDICCC020

Tot Ion: 83 Resp: 85848

Ion Ratio Lower Upper

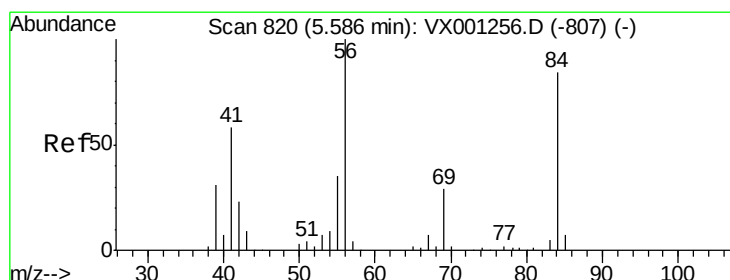
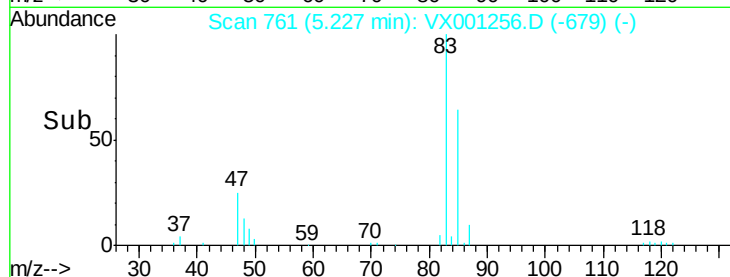
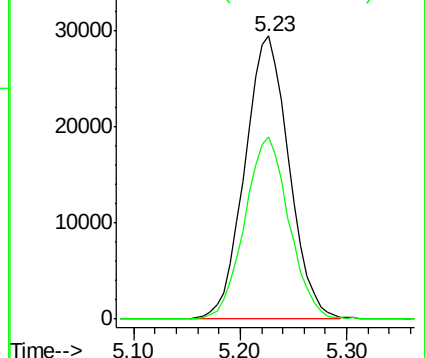
83 100

85 64.5 52.5 78.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 20.446 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

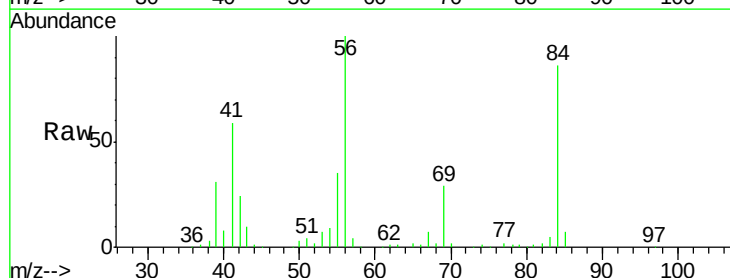
Tgt Ion: 56 Resp: 71577

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

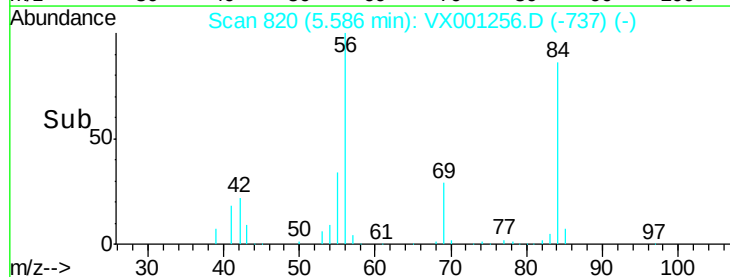
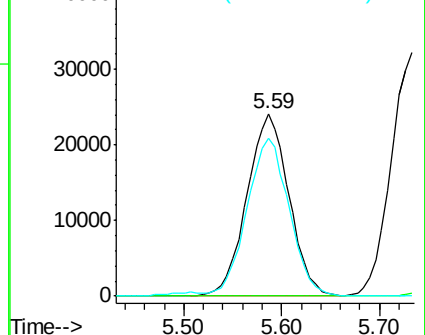
84 87.4 74.8 112.2

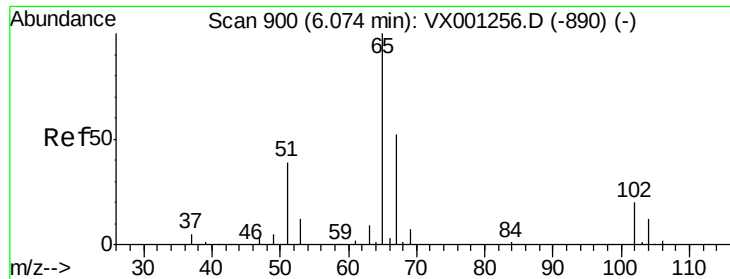


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

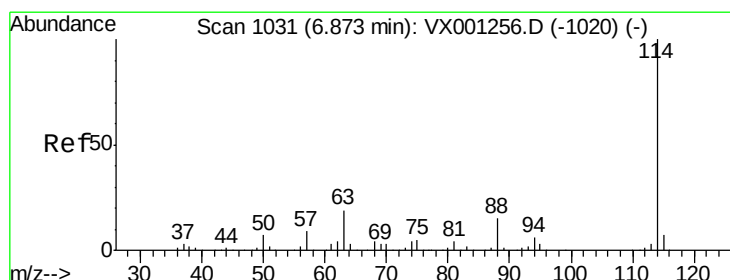
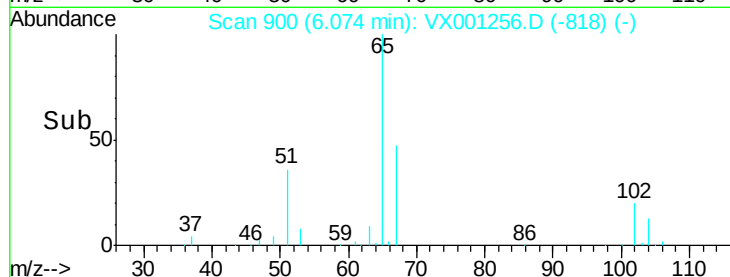
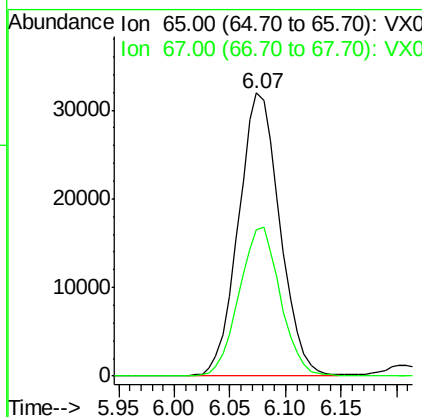
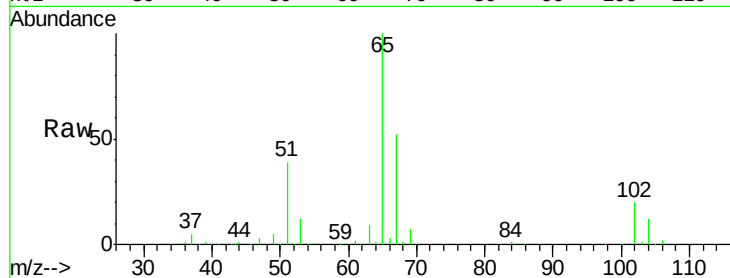




#27
 1,2-Dichloroethane-d4
 Concen: 28.342 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001256.D
 Acq: 30 Apr 2018 11:02

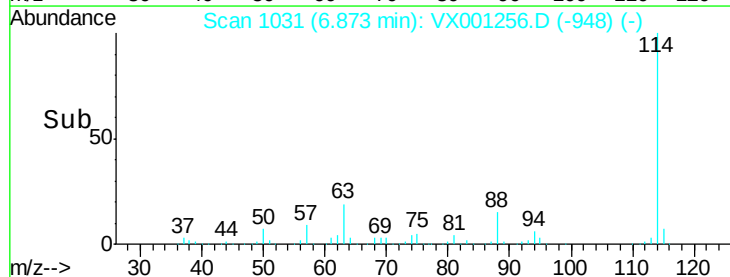
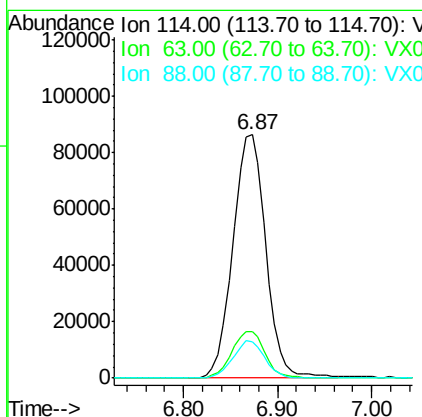
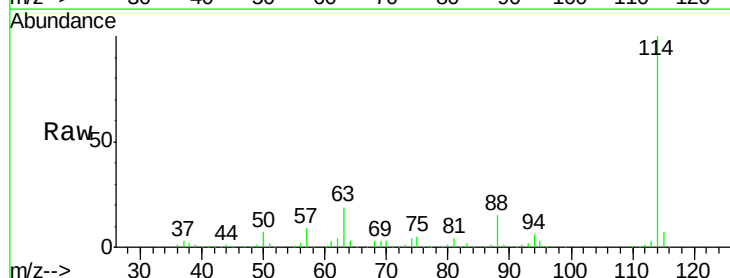
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

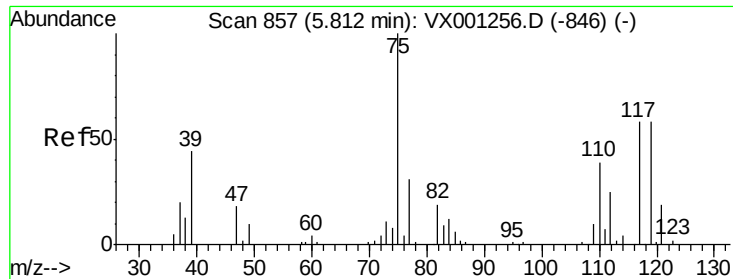
Tot Ion: 65 Resp: 82601
 Ion Ratio Lower Upper
 65 100
 67 52.4 41.4 62.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001256.D
 Acq: 30 Apr 2018 11:02

Tgt Ion: 114 Resp: 210752
 Ion Ratio Lower Upper
 114 100
 63 19.3 15.0 22.4
 88 14.8 11.8 17.8





#29

1,1-Dichloropropene

Concen: 20.108 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.01 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

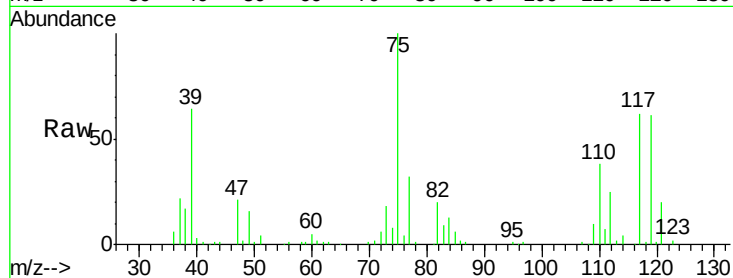
Tot Ion: 75 Resp: 61714

Ion Ratio Lower Upper

75 100

110 38.5 0.0 75.6

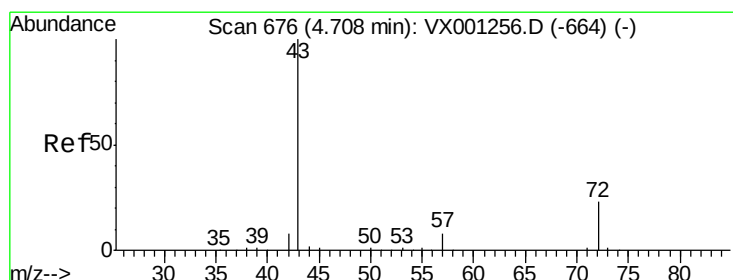
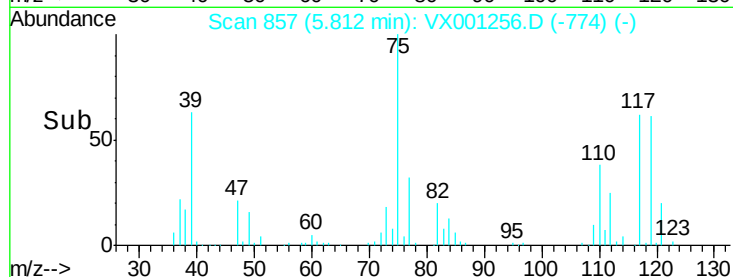
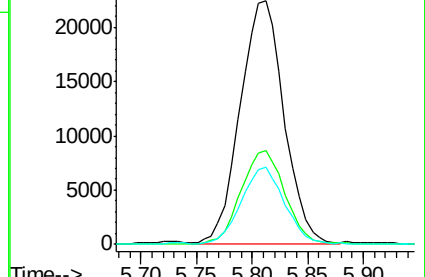
77 31.2 0.0 62.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 68.914 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

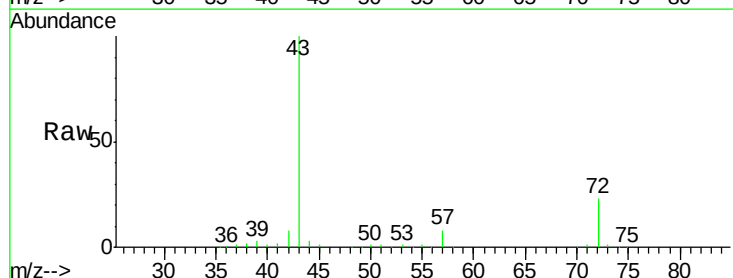
Tgt Ion: 43 Resp: 162808

Ion Ratio Lower Upper

43 100

57 8.3 6.6 10.0

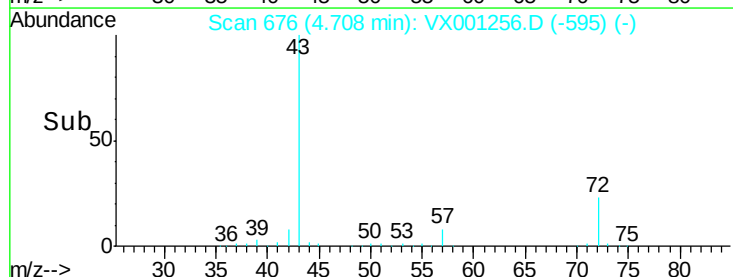
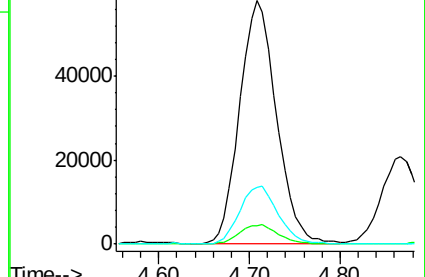
72 24.9 21.8 32.6

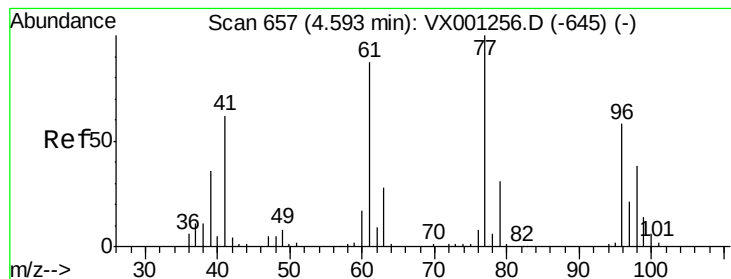


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 20.776 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

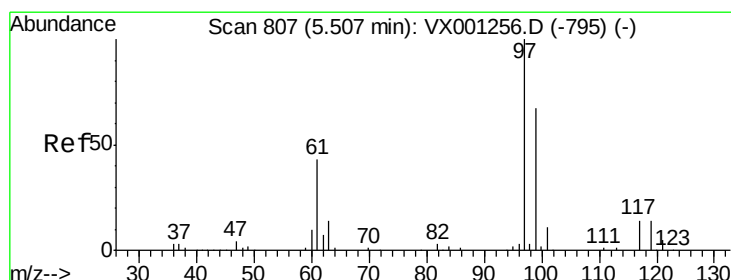
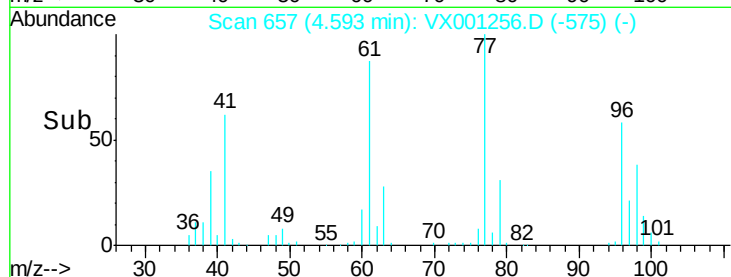
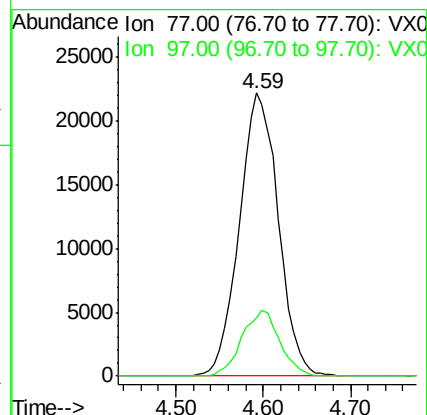
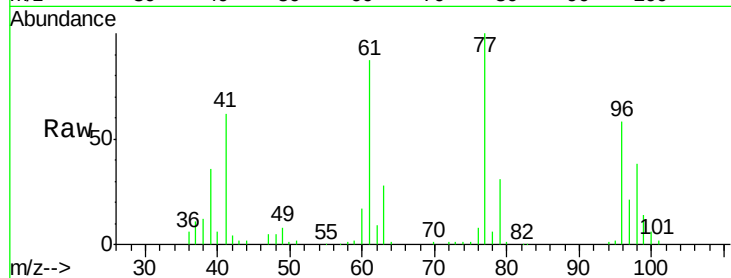
VSTDICCC020

Tot Ion: 77 Resp: 68586

Ion Ratio Lower Upper

77 100

97 22.6 18.6 27.8



#32

1,1,1-Trichloroethane

Concen: 20.459 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

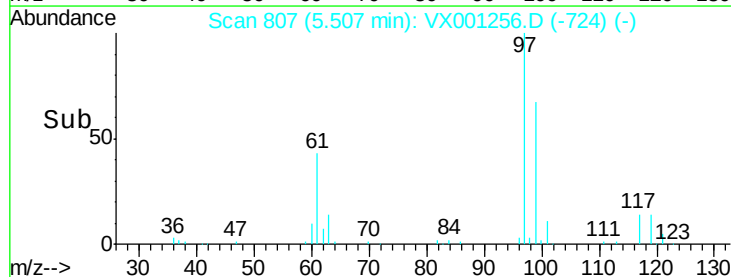
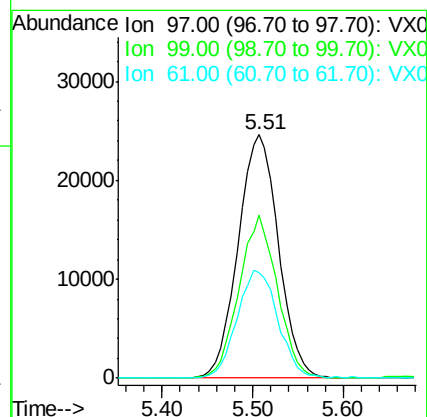
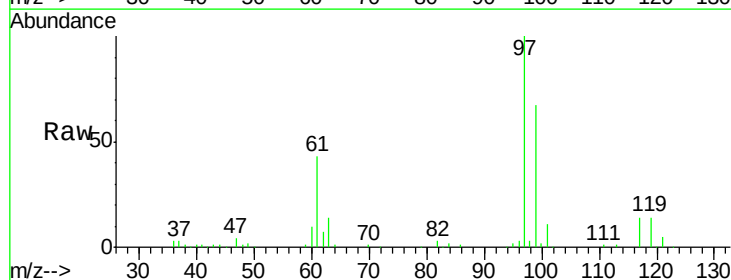
Tgt Ion: 97 Resp: 75977

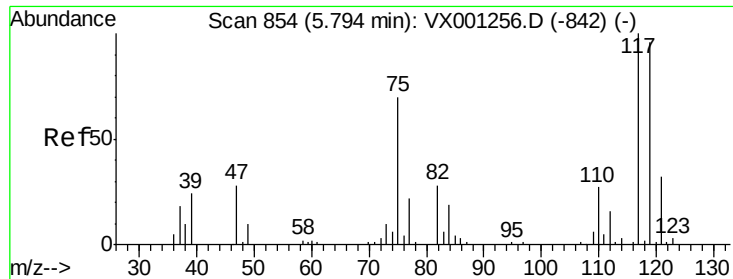
Ion Ratio Lower Upper

97 100

99 63.6 52.3 78.5

61 44.7 34.3 51.5

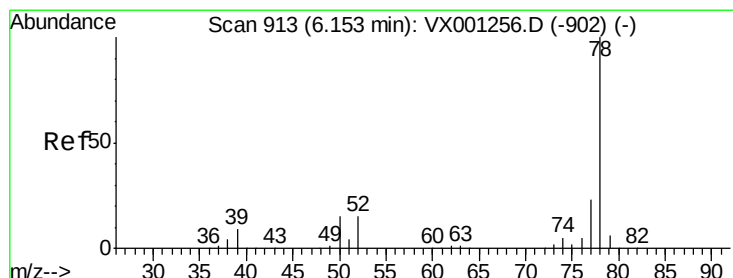
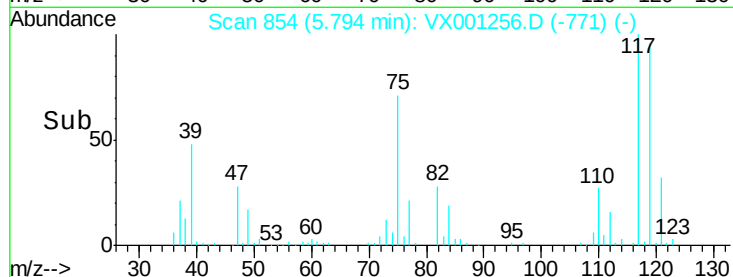
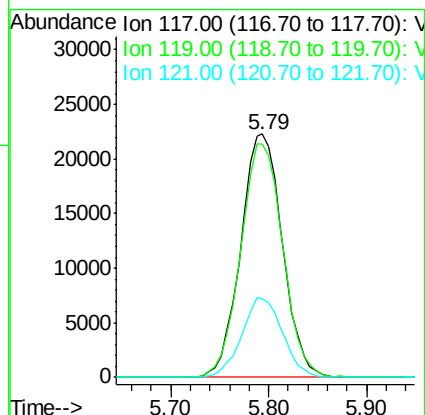
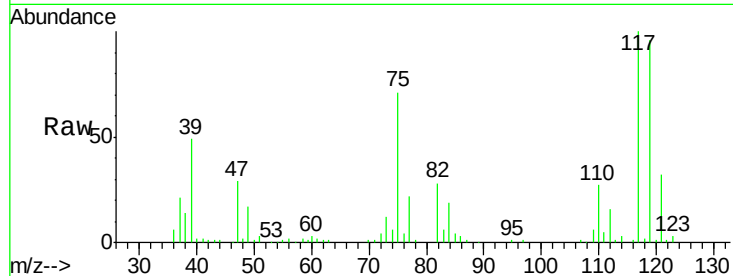




#33
Carbon Tetrachloride
Concen: 20.007 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.01 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

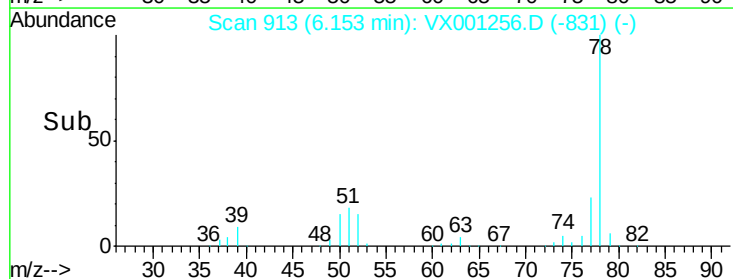
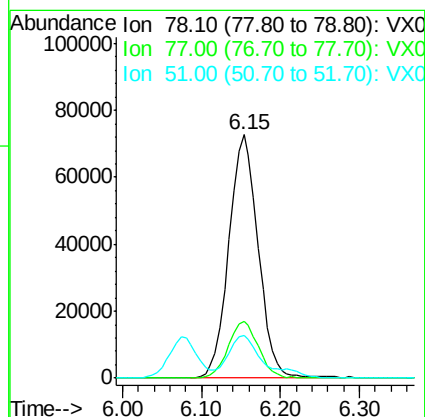
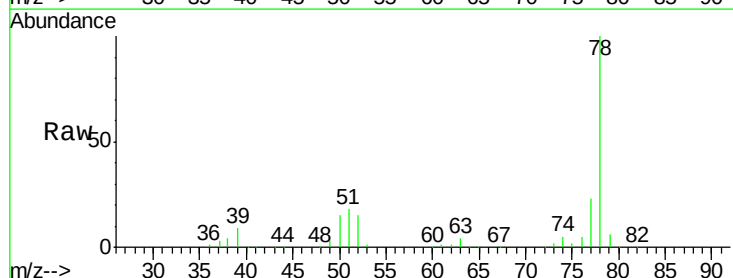
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

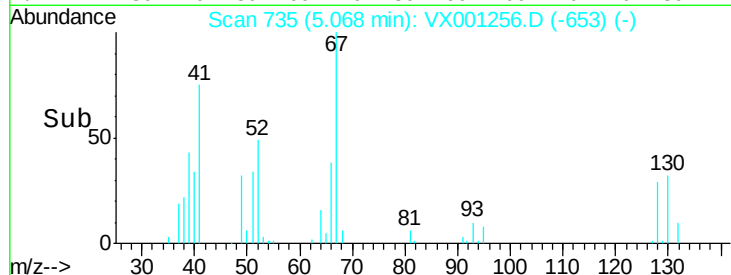
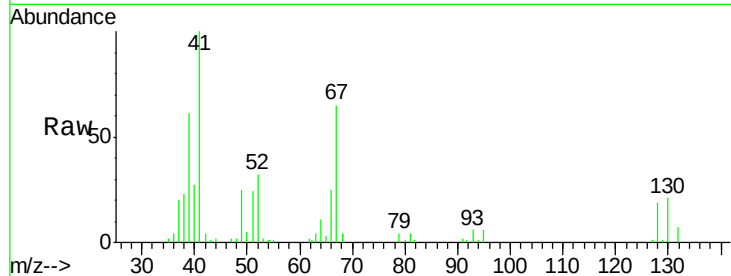
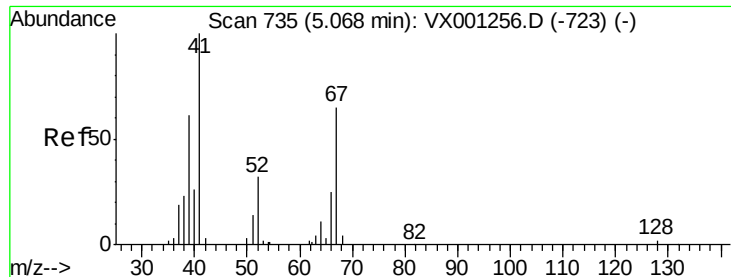
Tot Ion:117 Resp: 65976
Ion Ratio Lower Upper
117 100
119 95.8 73.5 110.3
121 32.1 24.6 37.0



#34
Benzene
Concen: 21.304 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

Tgt Ion: 78 Resp: 188153
Ion Ratio Lower Upper
78 100
77 23.2 21.7 32.5
51 17.4 14.9 22.3

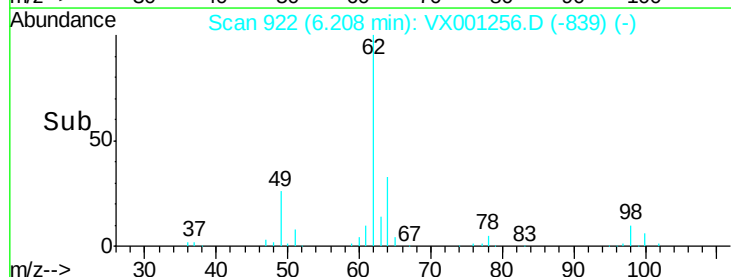
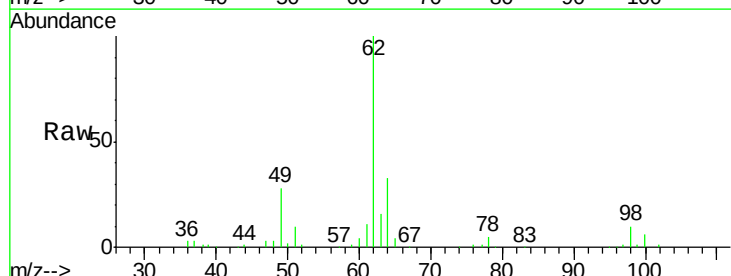
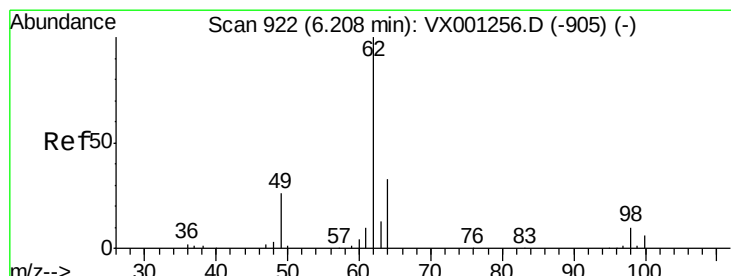
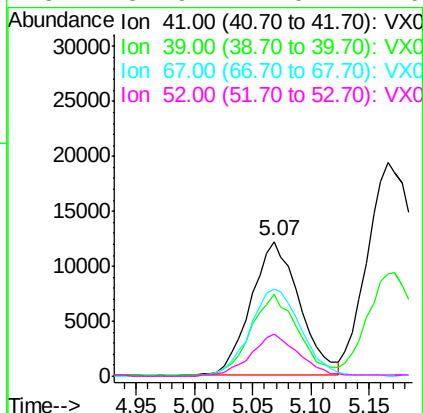




#35
Methacrylonitrile
Concen: 16.256 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

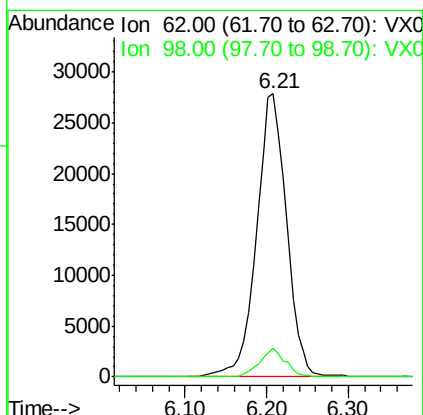
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

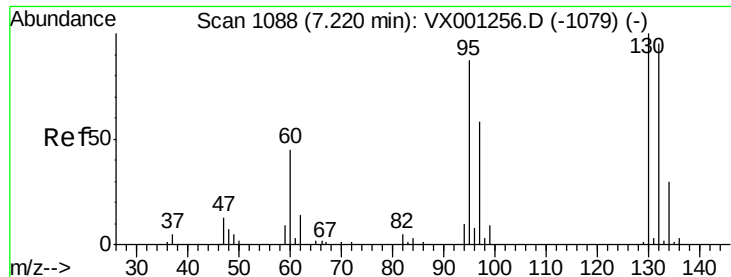
Tot Ion:	41	Resp:	35361
Ion	Ratio	Lower	Upper
41	100		
39	61.1	29.8	89.3
67	65.4	28.7	86.3
52	31.9	14.0	41.9



#36
1,2-Dichloroethane
Concen: 21.368 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

Tgt Ion:	62	Resp:	71563
Ion	Ratio	Lower	Upper
62	100		
98	8.6	6.9	10.3





#37

Trichloroethene

Concen: 21.642 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

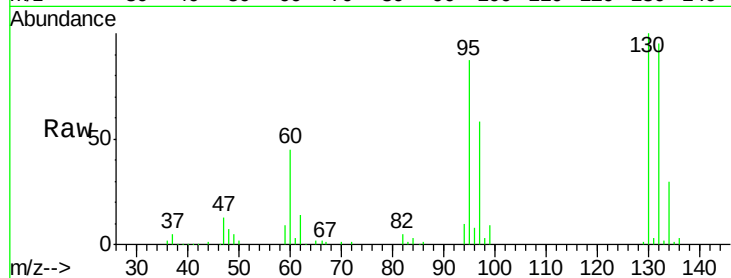
VSTDICCC020

Tot Ion:130 Resp: 56496

Ion Ratio Lower Upper

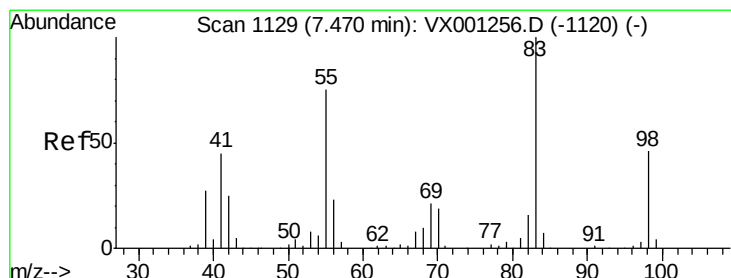
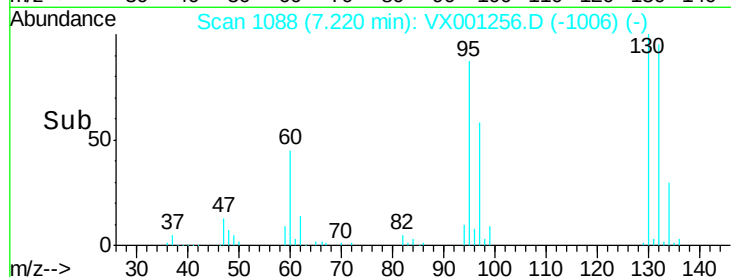
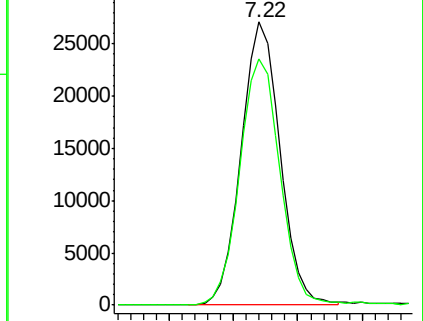
130 100

95 87.0 74.6 112.0



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 19.726 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

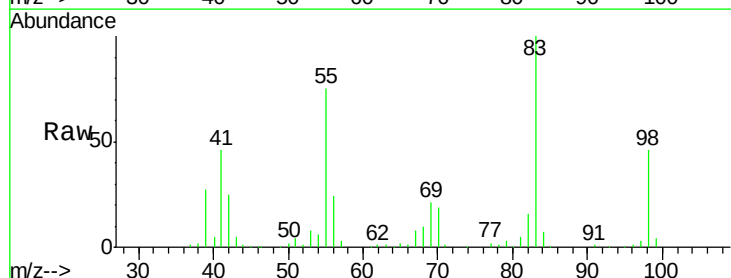
Tgt Ion: 83 Resp: 72575

Ion Ratio Lower Upper

83 100

55 77.0 35.9 107.7

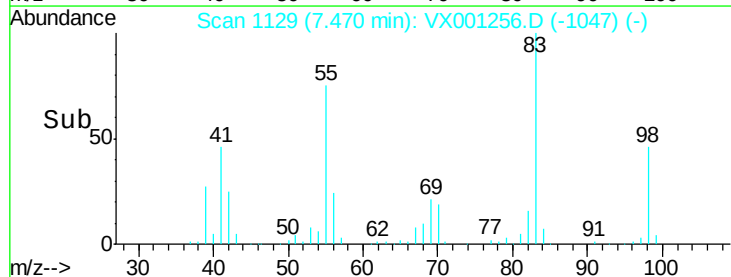
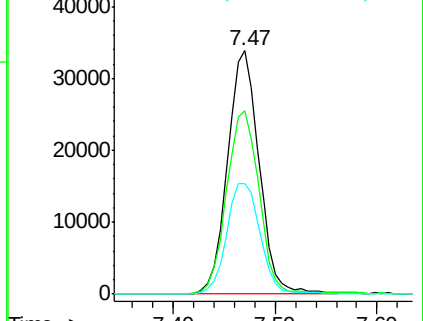
98 48.4 24.6 74.0

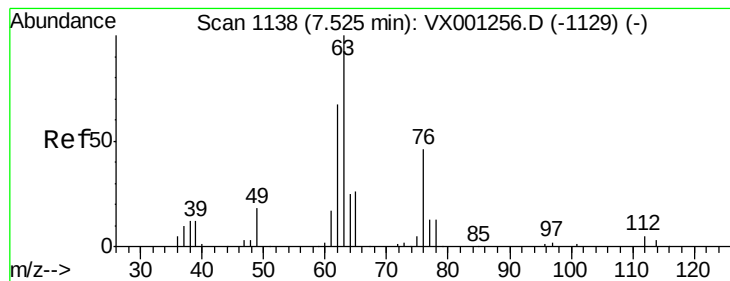


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 21.263 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

Instrument :

MSVOA_X

ClientSampled :

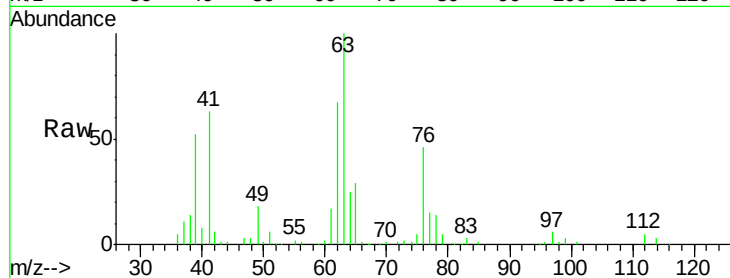
VSTDICCC020

Tot Ion: 63 Resp: 46882

Ion Ratio Lower Upper

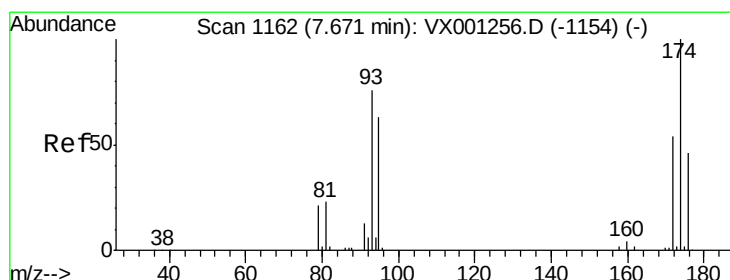
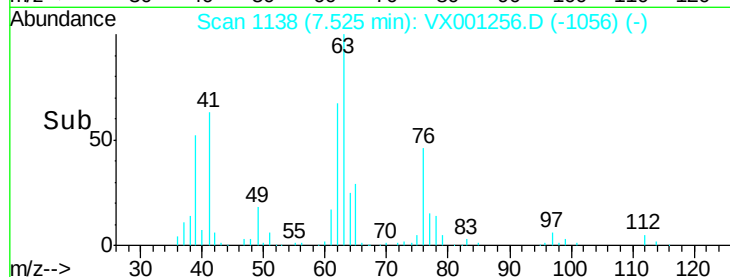
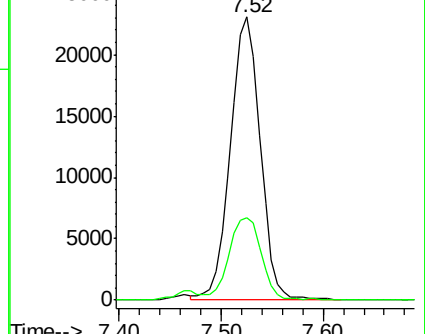
63 100

65 29.0 25.0 37.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 19.598 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

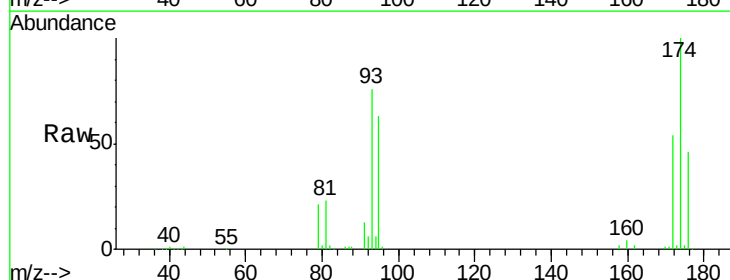
Tgt Ion: 93 Resp: 33292

Ion Ratio Lower Upper

93 100

95 84.4 0.0 170.6

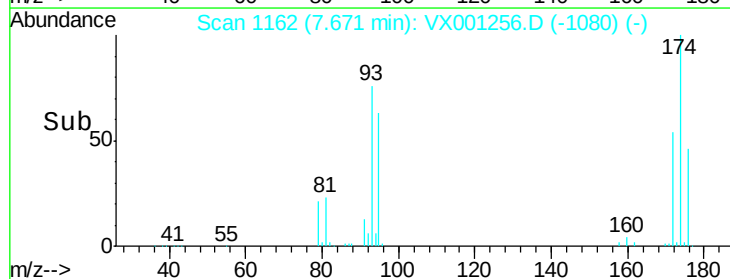
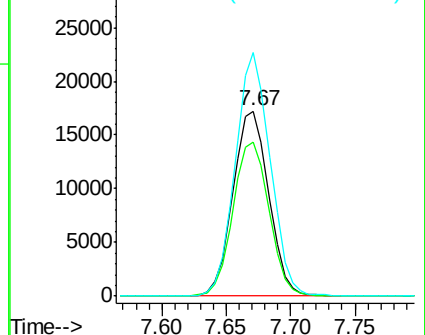
174 128.1 0.0 210.4

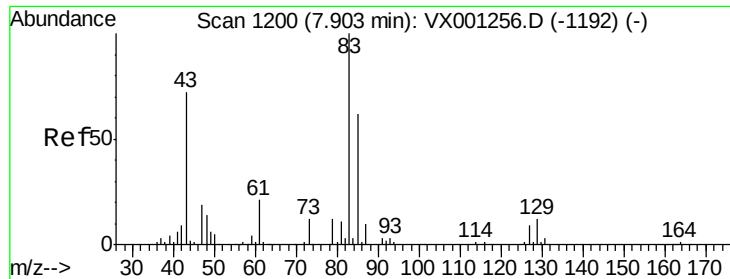


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 19.040 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

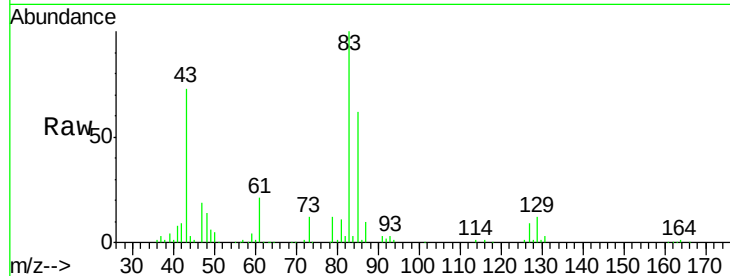
Tot Ion: 83 Resp: 61480

Ion Ratio Lower Upper

83 100

85 62.3 50.0 75.0

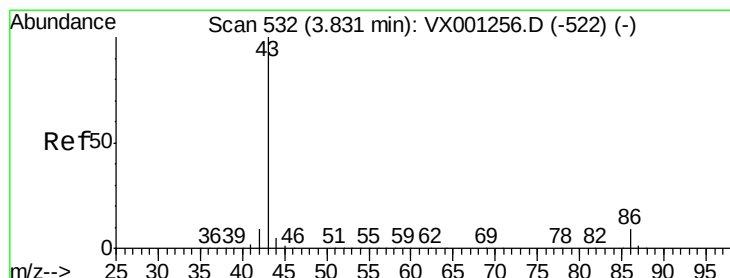
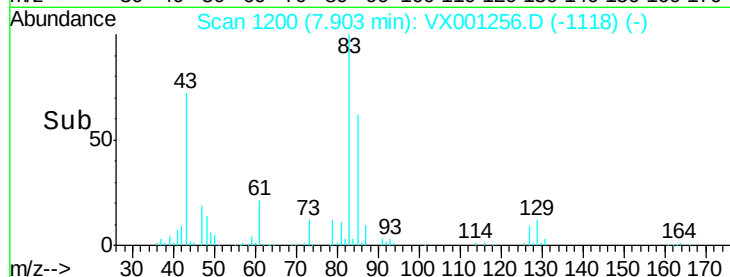
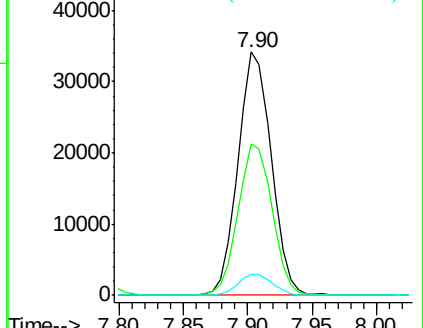
127 8.7 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 105.589 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001256.D

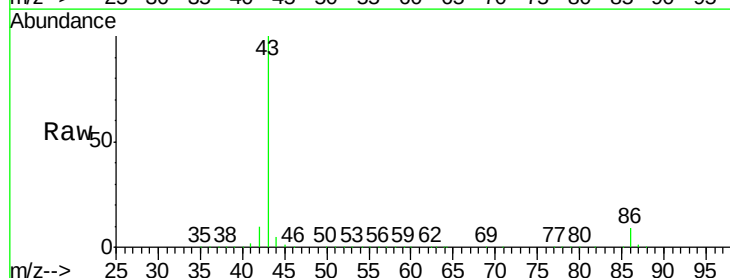
Acq: 30 Apr 2018 11:02

Tgt Ion: 43 Resp: 635808

Ion Ratio Lower Upper

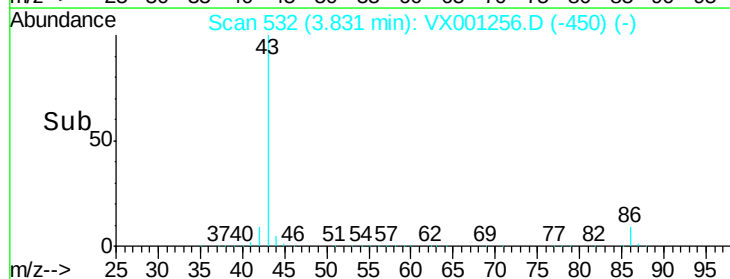
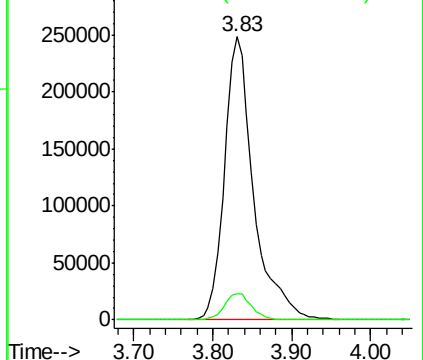
43 100

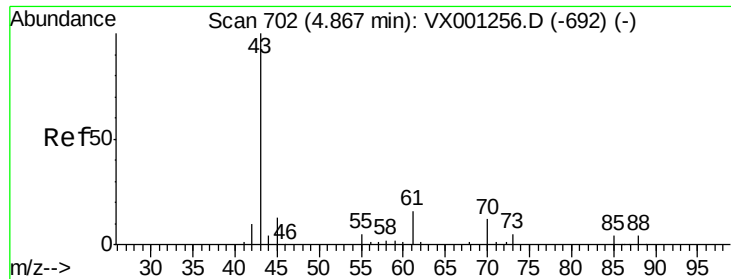
86 8.7 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

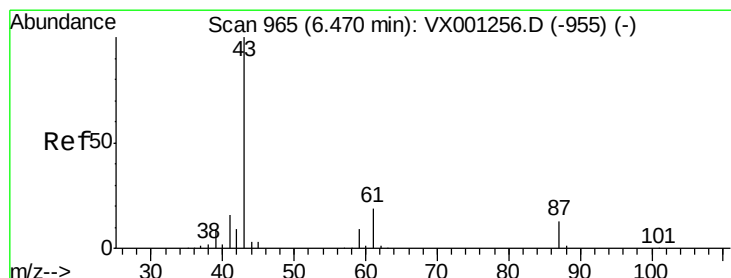
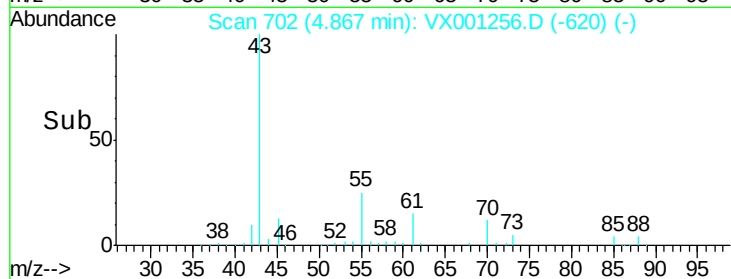
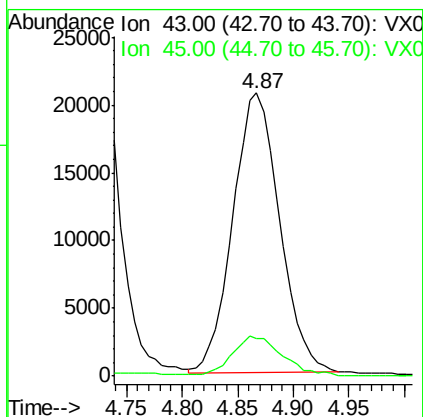
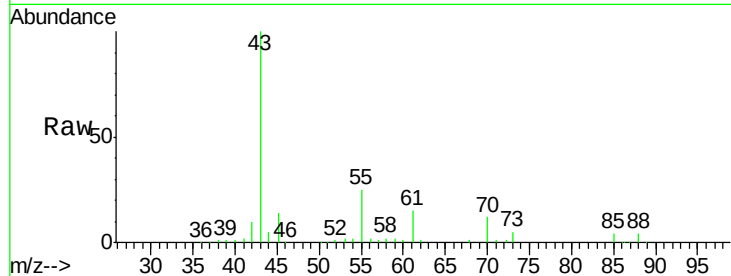




#43
Ethyl Acetate
Concen: 14.559 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

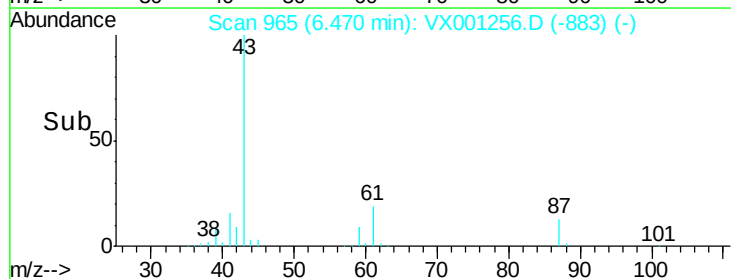
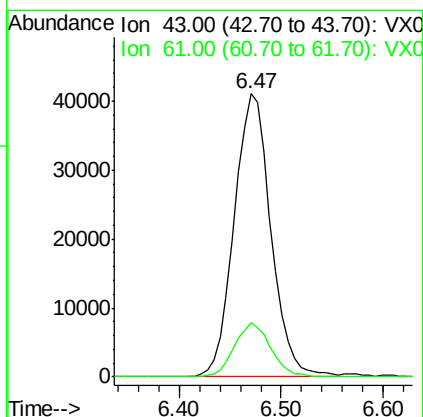
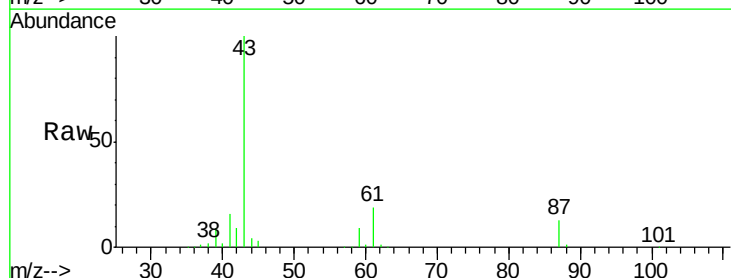
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

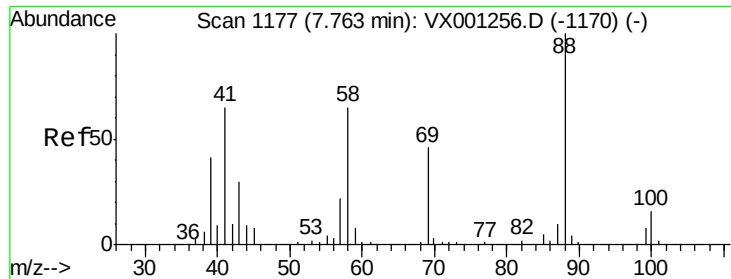
Tot Ion: 43 Resp: 60416
Ion Ratio Lower Upper
43 100
45 15.4 11.4 17.0



#44
Isopropyl Acetate
Concen: 16.713 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

Tgt Ion: 43 Resp: 101755
Ion Ratio Lower Upper
43 100
61 19.1 15.7 23.5

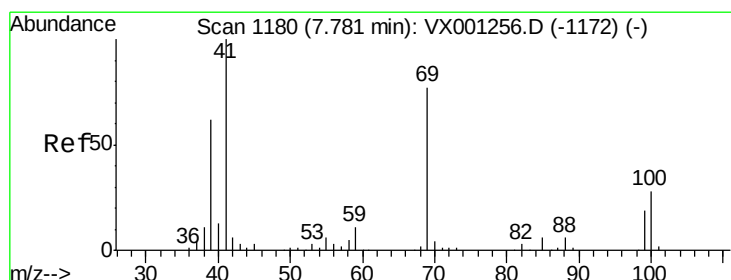
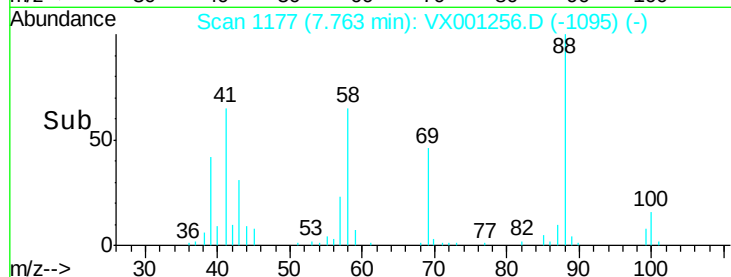
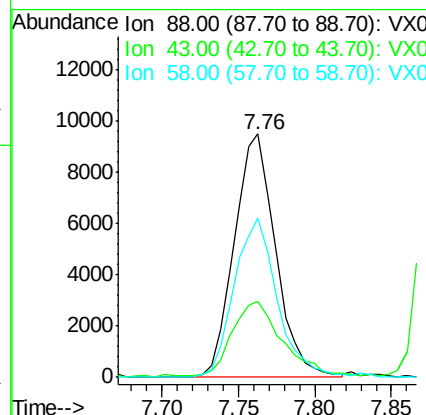
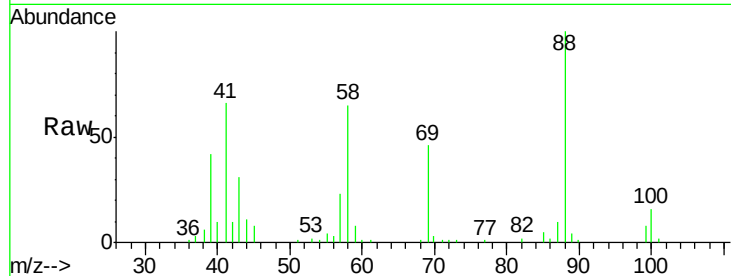




#45
 1,4-Dioxane
 Concen: 232.078 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001256.D
 Acq: 30 Apr 2018 11:02

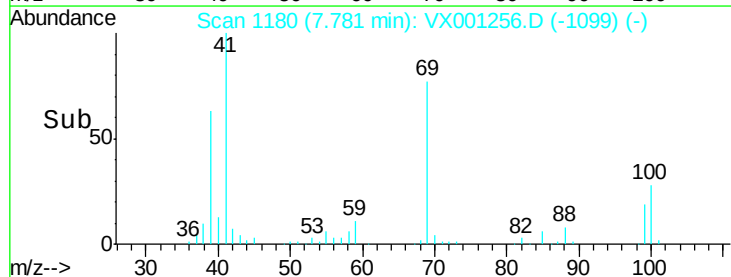
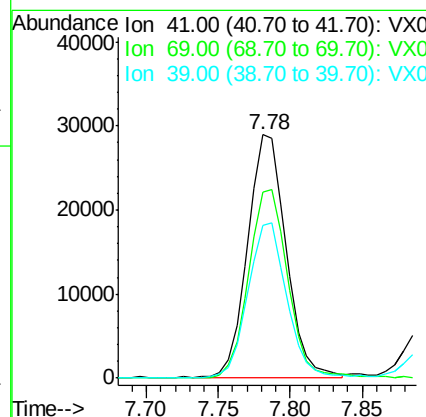
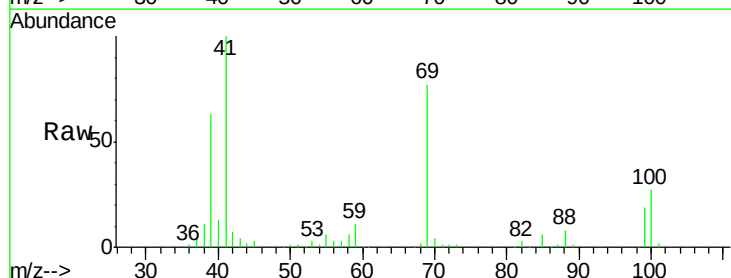
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

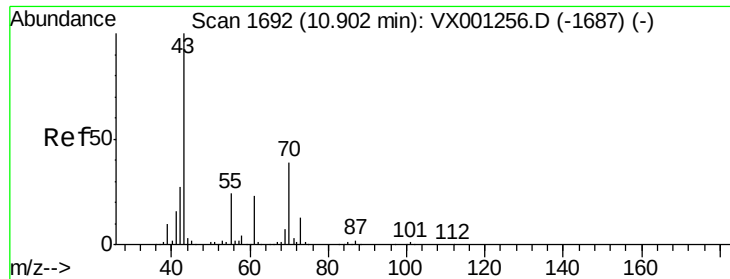
Tot Ion: 88 Resp: 17771
 Ion Ratio Lower Upper
 88 100
 43 36.5 26.8 40.2
 58 68.1 52.1 78.1



#46
 Methyl methacrylate
 Concen: 18.000 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VX001256.D
 Acq: 30 Apr 2018 11:02

Tgt Ion: 41 Resp: 53304
 Ion Ratio Lower Upper
 41 100
 69 76.7 45.5 136.5
 39 62.4 32.5 97.5





#47

n-amvl Acetate

Concen: 17.865 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

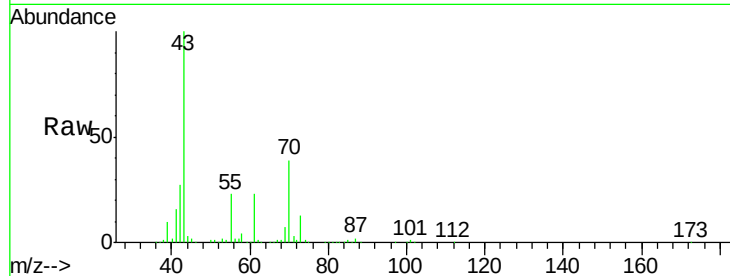
VSTDICCC020

Tot Ion: 43 Resp: 94961

Ion Ratio Lower Upper

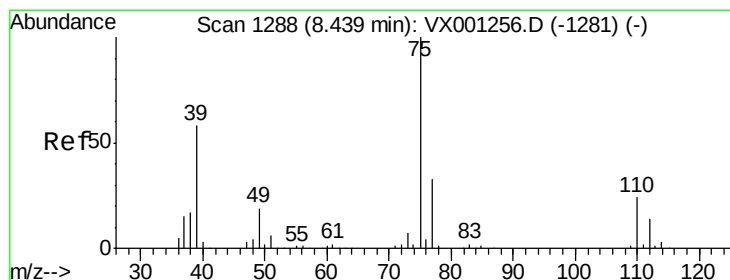
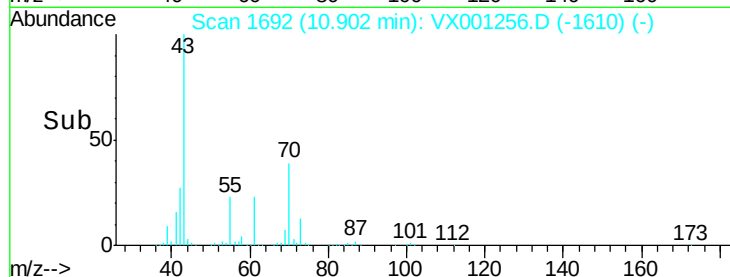
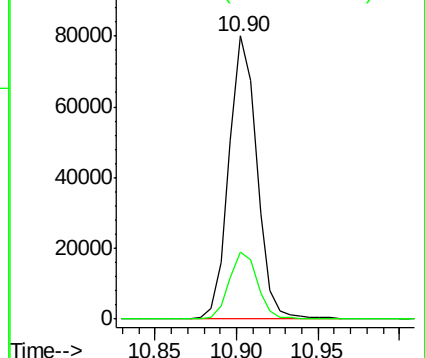
43 100

55 24.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.867 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001256.D

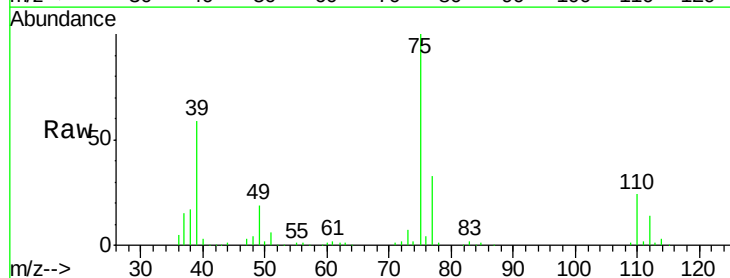
Acq: 30 Apr 2018 11:02

Tgt Ion: 75 Resp: 70920

Ion Ratio Lower Upper

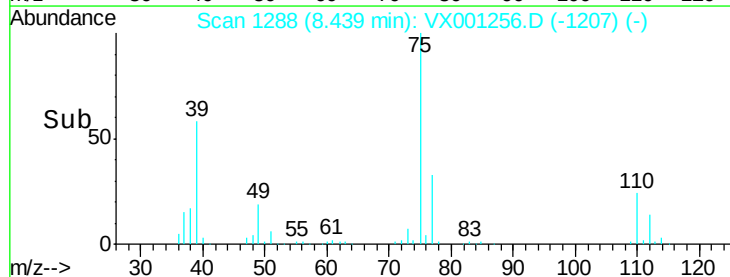
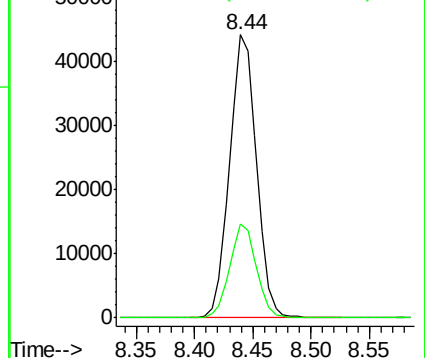
75 100

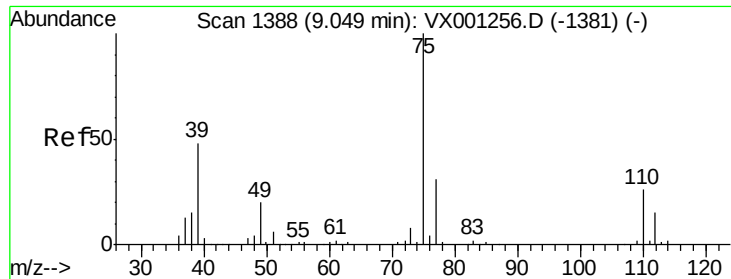
77 33.2 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

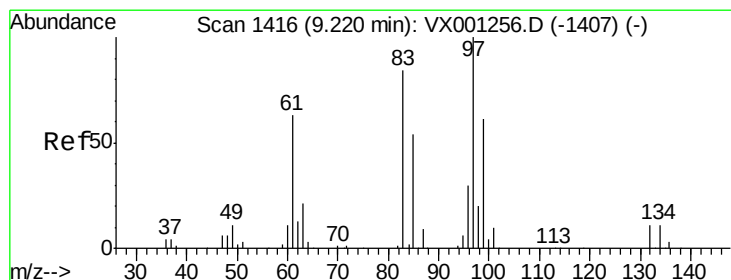
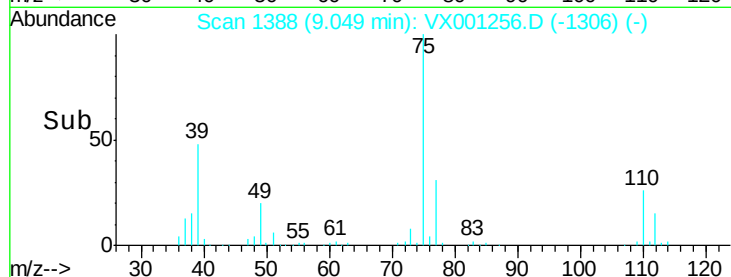
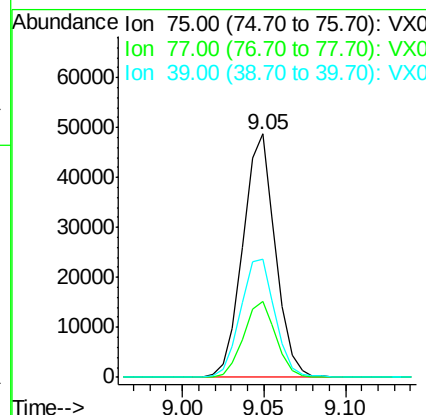
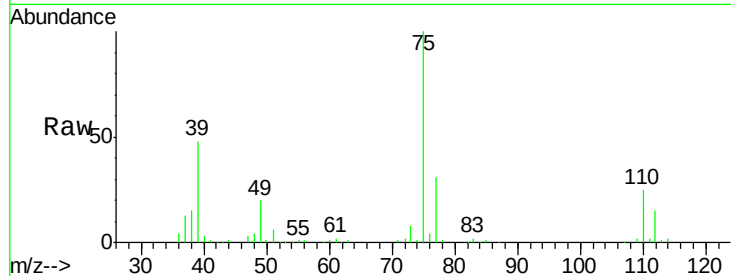




#49
 cis-1,3-Dichloropropene
 Concen: 18.431 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001256.D
 Acq: 30 Apr 2018 11:02

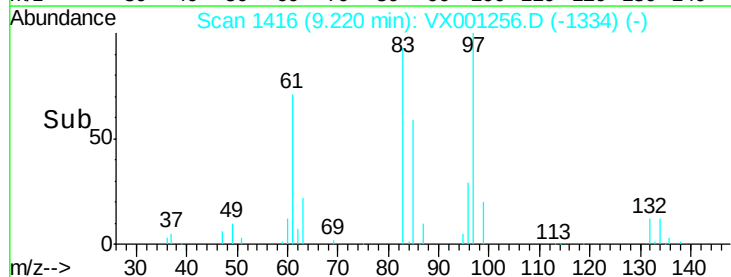
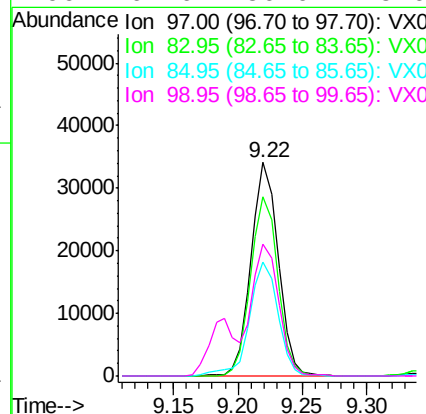
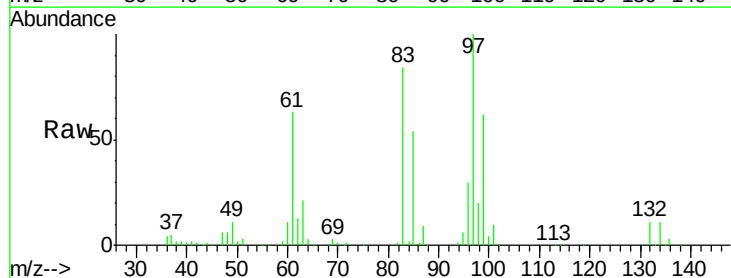
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

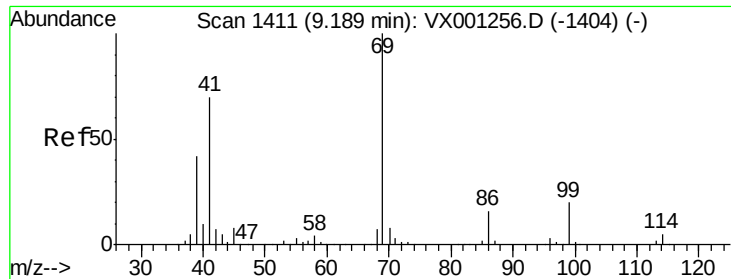
Tot Ion: 75 Resp: 67420
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.5 36.7
 39 48.2 35.6 53.4



#50
 1,1,2-Trichloroethane
 Concen: 19.981 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001256.D
 Acq: 30 Apr 2018 11:02

Tgt Ion: 97 Resp: 49840
 Ion Ratio Lower Upper
 97 100
 83 83.8 66.9 100.3
 85 53.6 44.4 66.6
 99 61.6 50.0 75.0

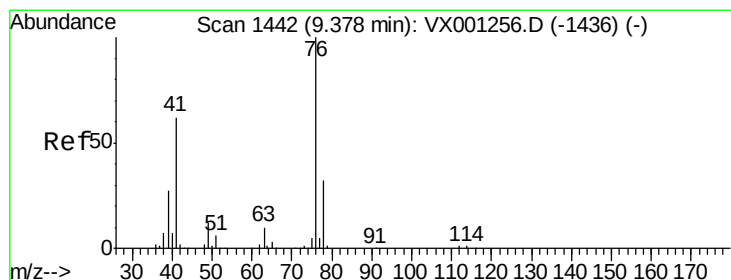
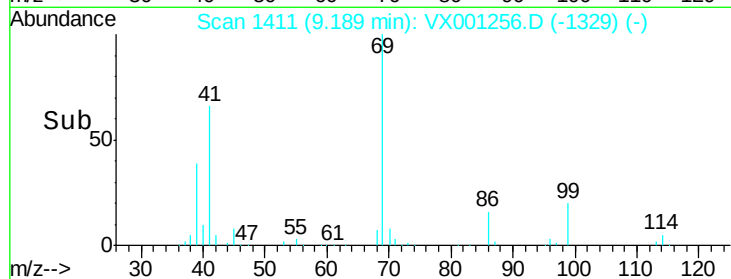
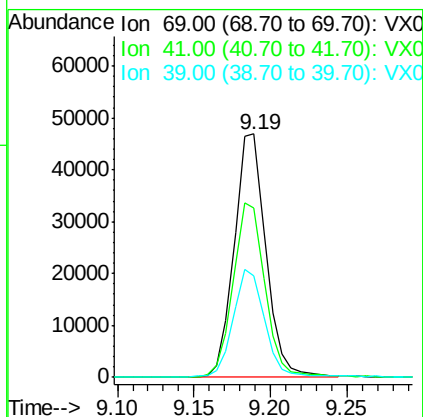
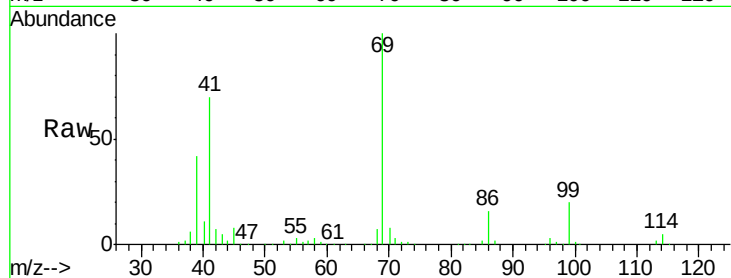




#51
Ethyl methacrylate
Concen: 17.724 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

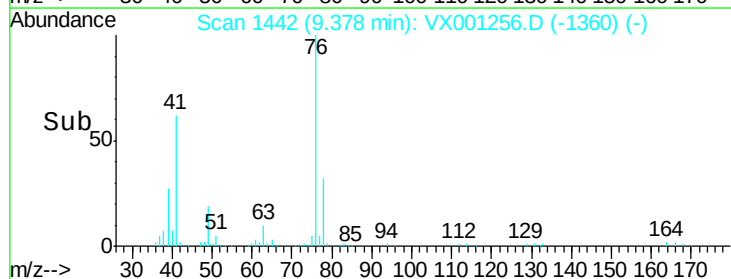
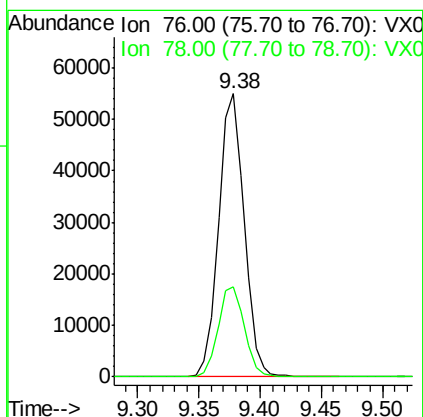
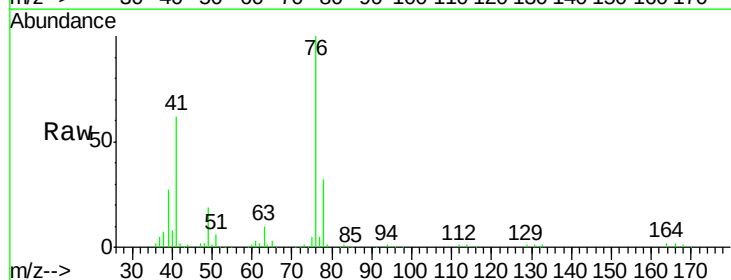
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

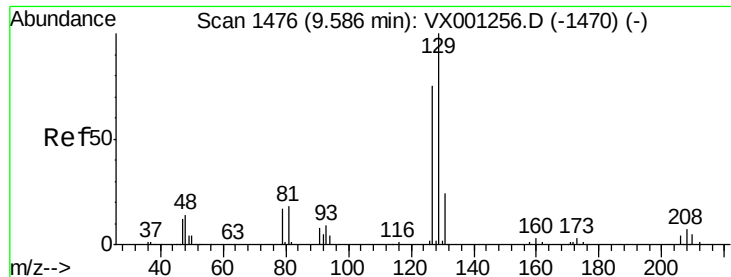
Tot Ion: 69 Resp: 67732
Ion Ratio Lower Upper
69 100
41 69.5 32.1 96.3
39 41.6 19.6 58.7



#52
1,3-Dichloropropane
Concen: 20.009 ug/l
RT: 9.38 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

Tgt Ion: 76 Resp: 80050
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.0

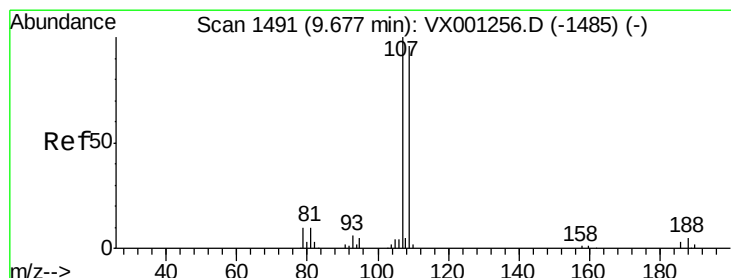
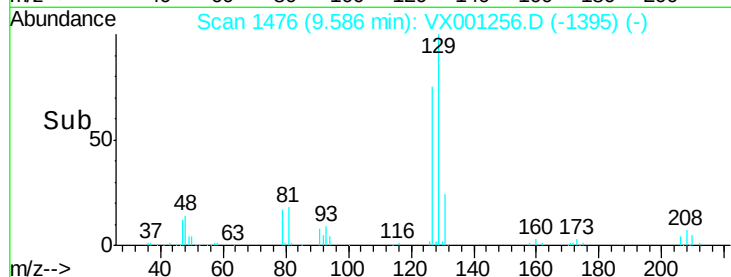
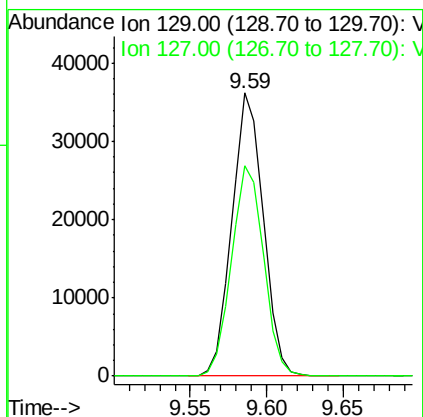
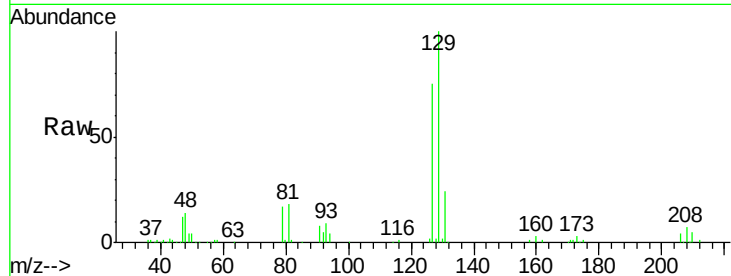




#53
 Dibromochloromethane
 Concen: 18.593 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: VX001256.D
 Acq: 30 Apr 2018 11:02

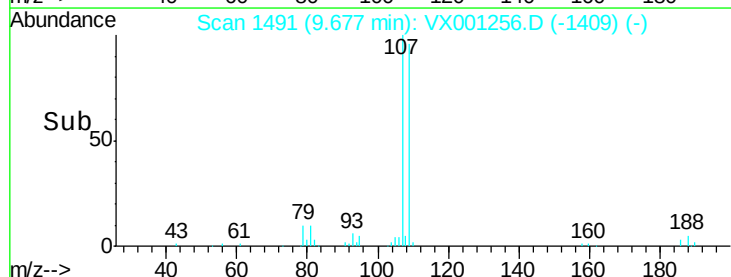
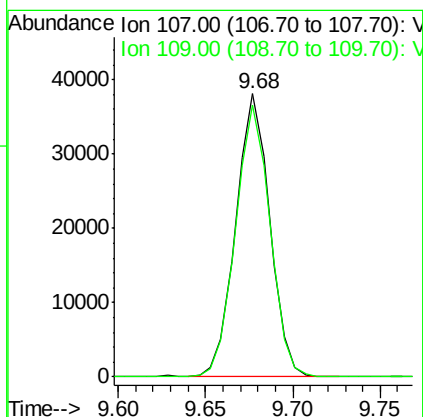
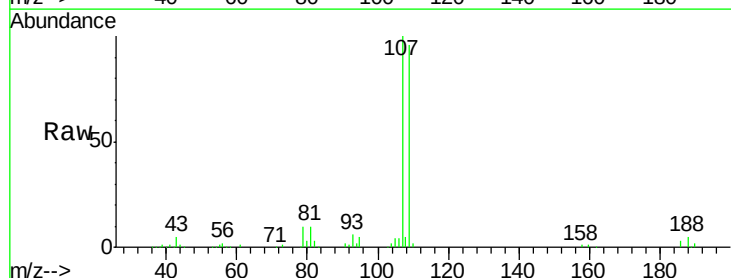
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

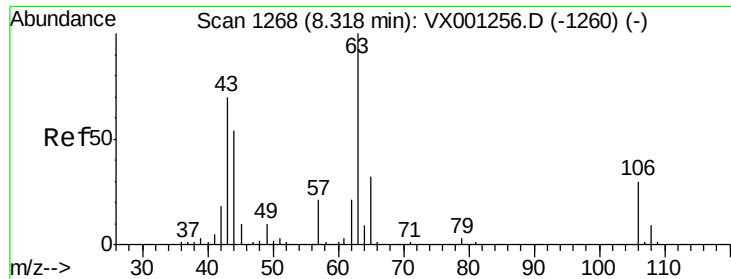
Tot Ion:129 Resp: 51599
 Ion Ratio Lower Upper
 129 100
 127 76.0 37.5 112.5



#54
 1,2-Dibromoethane
 Concen: 18.600 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX001256.D
 Acq: 30 Apr 2018 11:02

Tgt Ion:107 Resp: 51709
 Ion Ratio Lower Upper
 107 100
 109 97.3 74.5 111.7





#55

2-Chloroethyl vinyl ether

Concen: 103.350 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

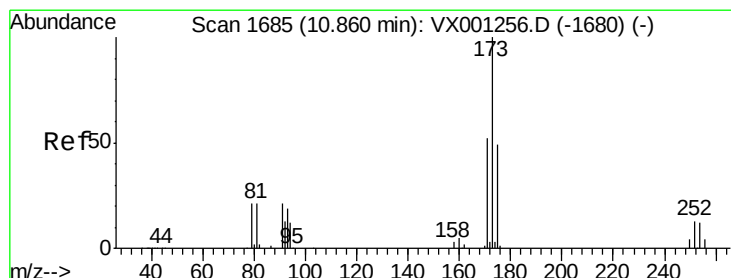
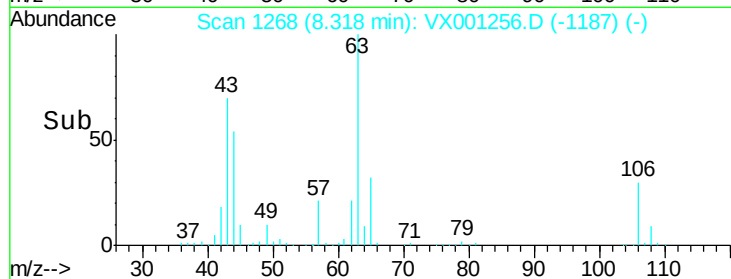
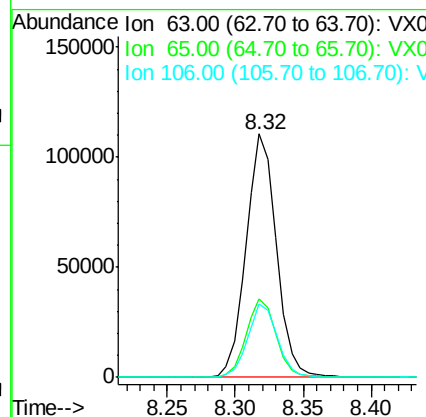
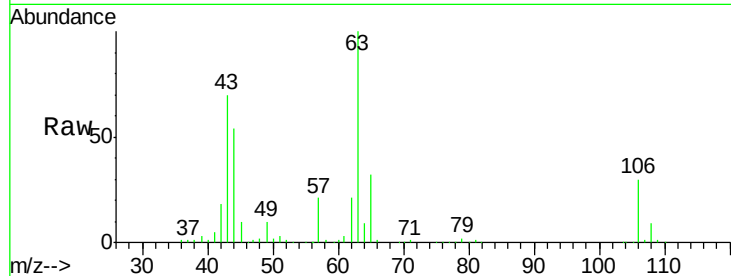
Tot Ion: 63 Resp: 172456

Ion Ratio Lower Upper

63 100

65 32.2 25.8 38.8

106 29.6 23.8 35.6



#56

Bromoform

Concen: 17.812 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

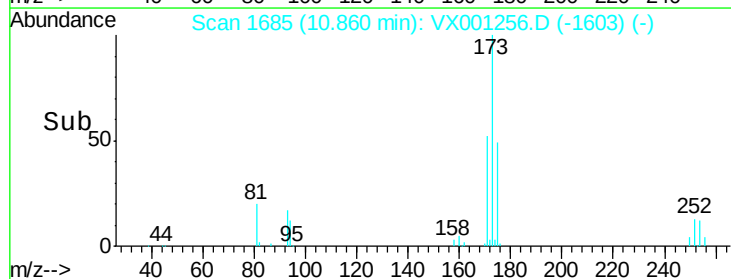
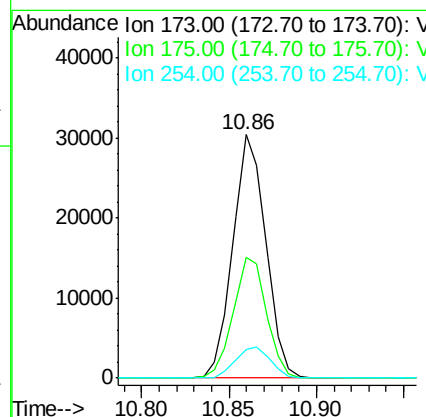
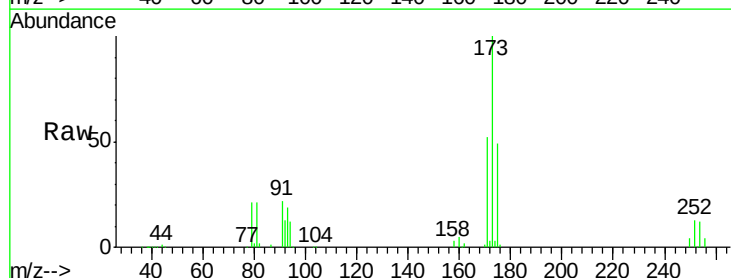
Tgt Ion:173 Resp: 40032

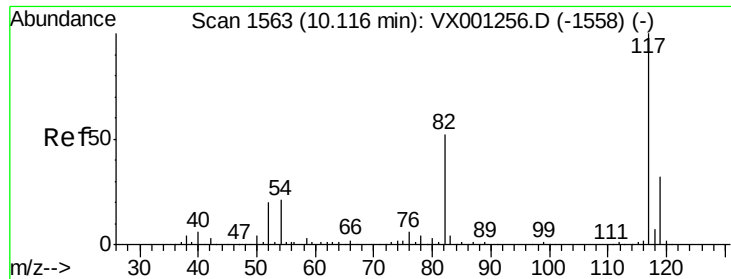
Ion Ratio Lower Upper

173 100

175 49.9 39.0 58.4

254 13.5 7.0 10.4#

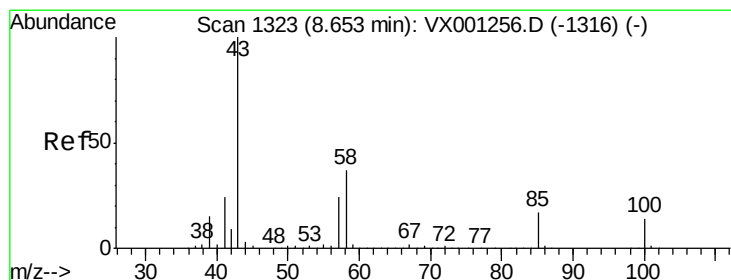
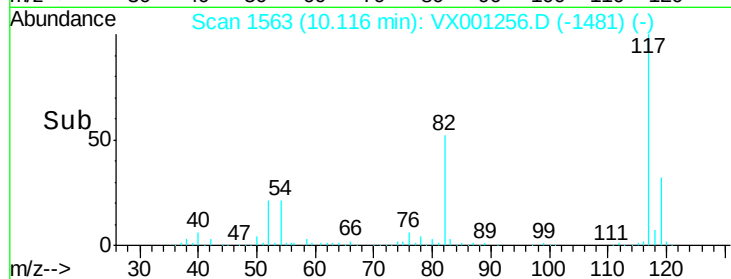
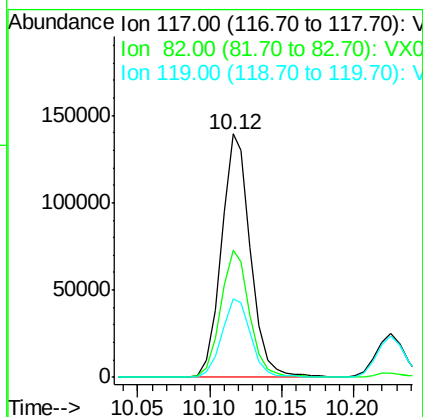
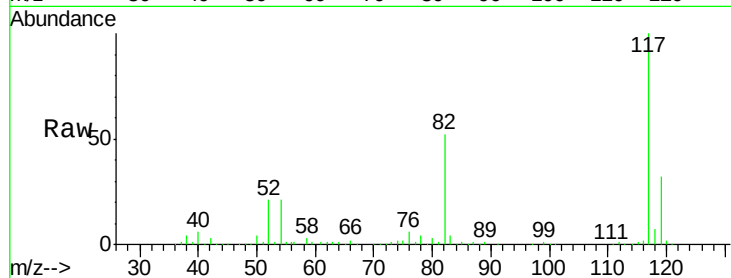




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

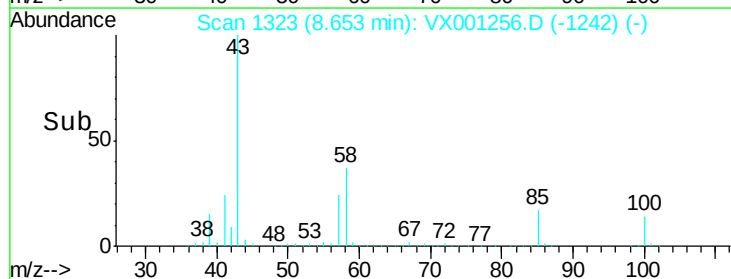
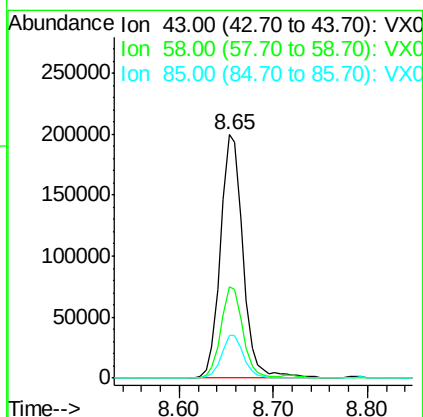
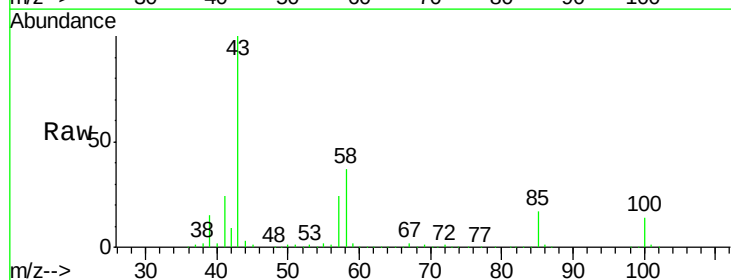
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

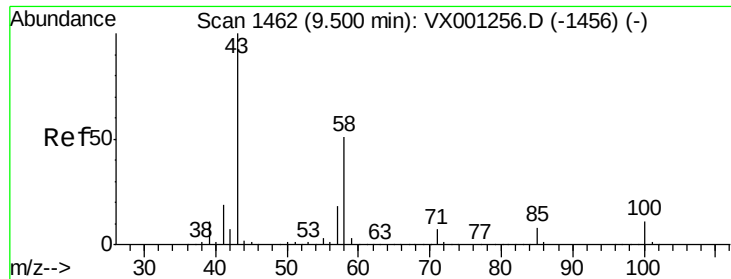
Tot Ion:117 Resp: 196919
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 32.5 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 76.643 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

Tgt Ion: 43 Resp: 330577
Ion Ratio Lower Upper
43 100
58 36.3 29.8 44.8
85 17.4 14.9 22.3

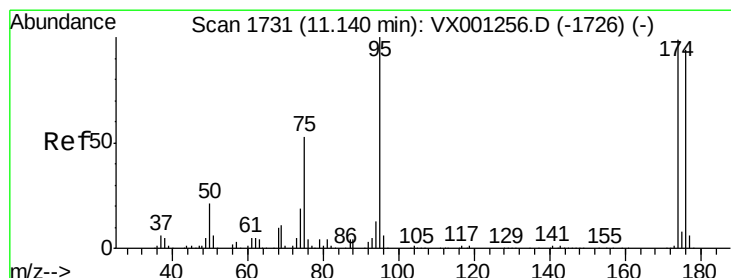
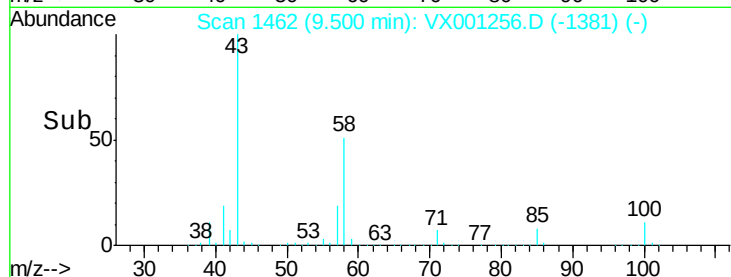
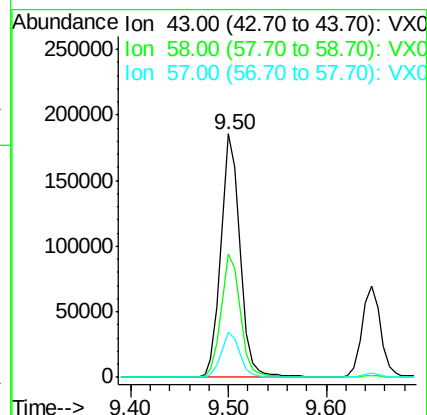
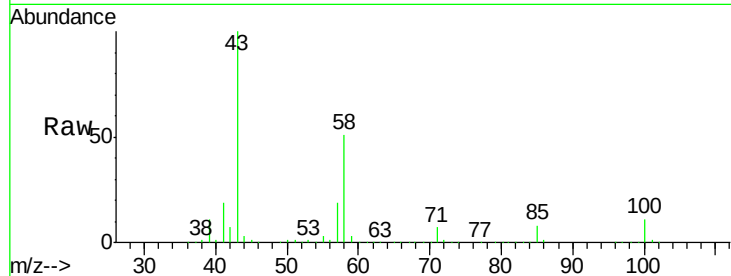




#59
2-Hexanone
Concen: 69.518 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

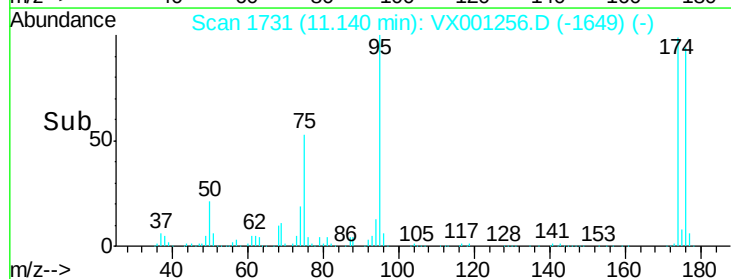
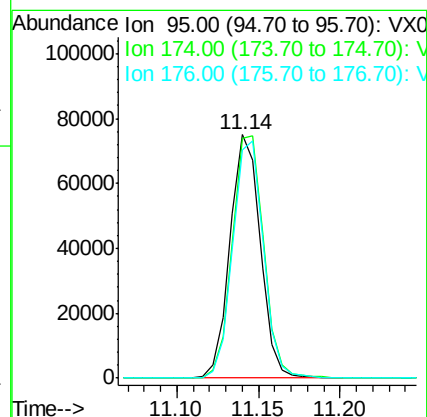
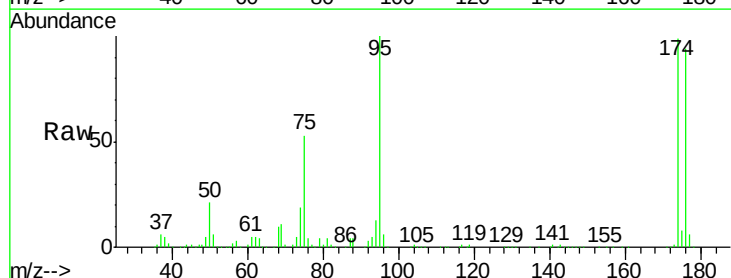
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

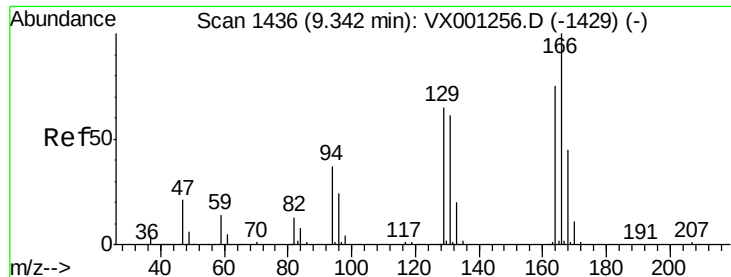
Tot Ion	Ratio	Lower	Upper
43	100		
58	51.1	43.0	64.6
57	18.0	14.4	21.6



#60
4-Bromofluorobenzene
Concen: 30.047 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	102.8	71.1	106.7
176	98.9	69.3	103.9





#61

Tetrachloroethene

Concen: 26.923 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:164 Resp: 64374

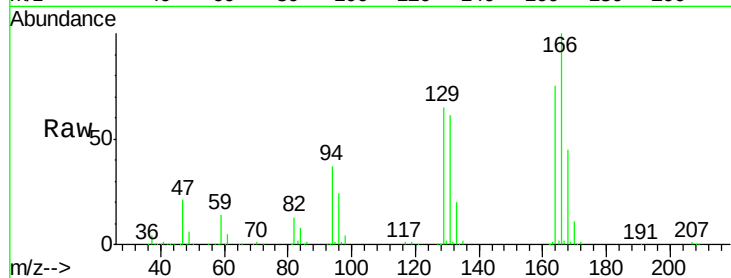
Ion Ratio Lower Upper

164 100

166 132.5 99.0 148.4

129 86.2 77.0 115.6

131 80.7 75.8 113.6

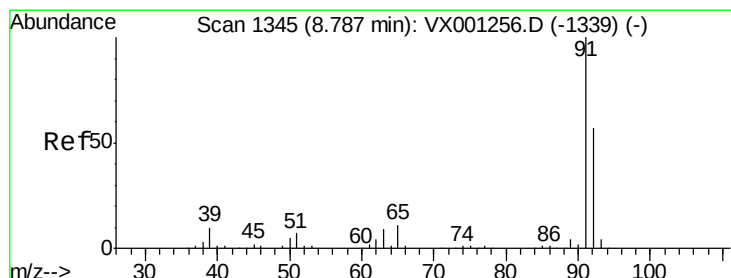
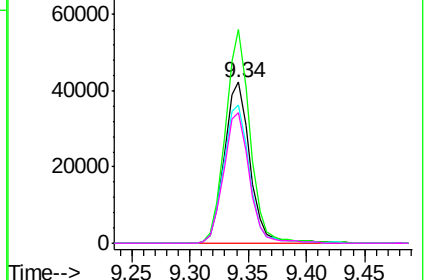
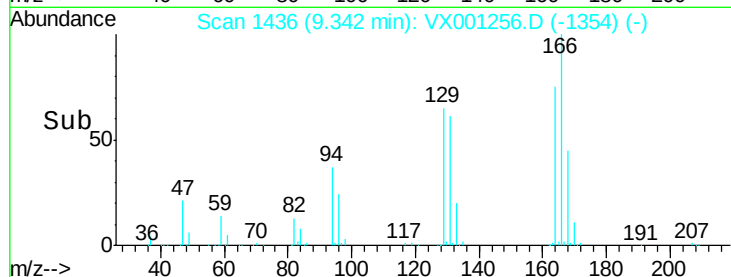


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.749 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001256.D

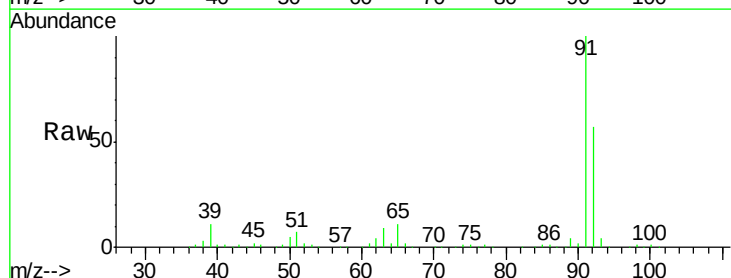
Acq: 30 Apr 2018 11:02

Tgt Ion: 91 Resp: 212583

Ion Ratio Lower Upper

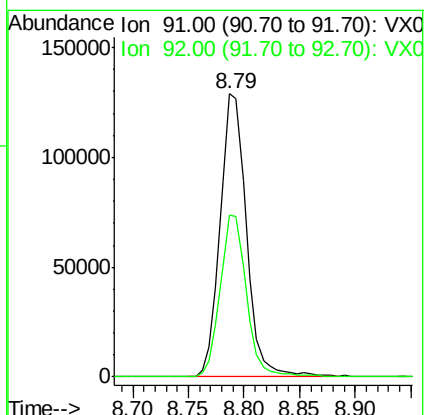
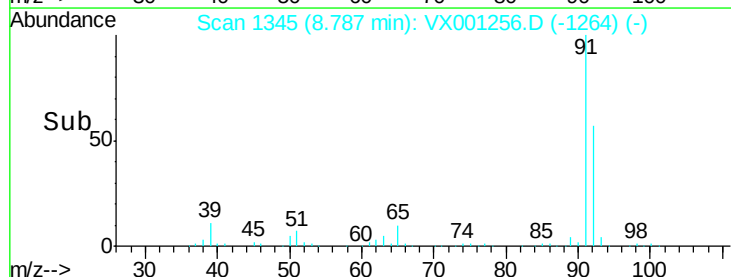
91 100

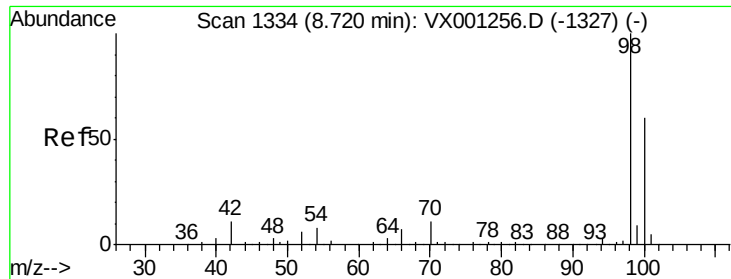
92 57.3 45.4 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

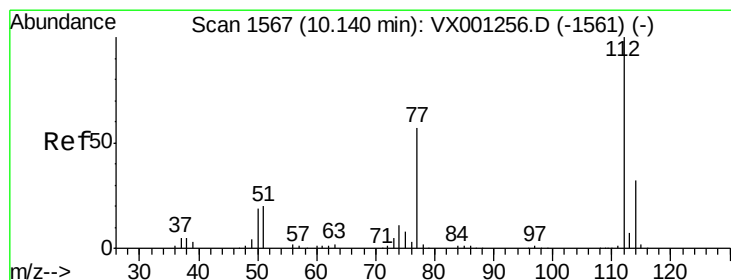
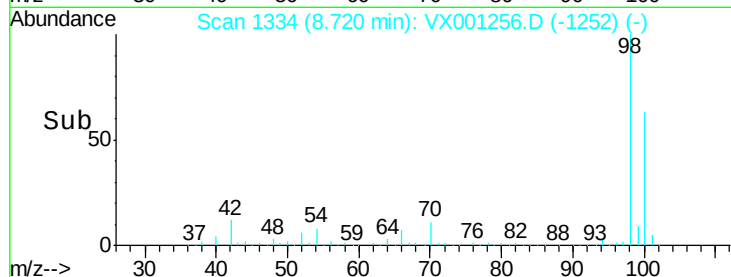
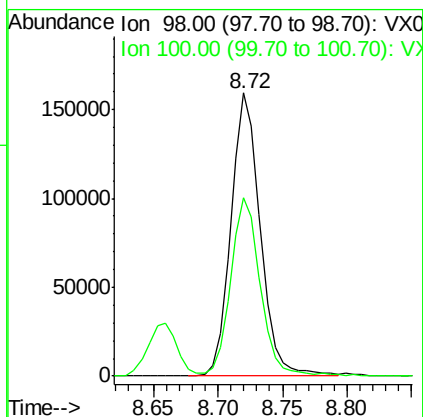
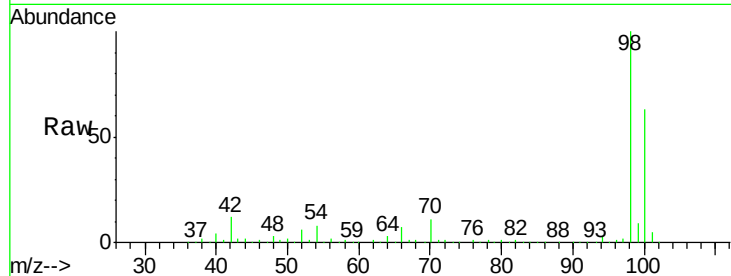




#63
Toluene-d8
Concen: 29.981 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

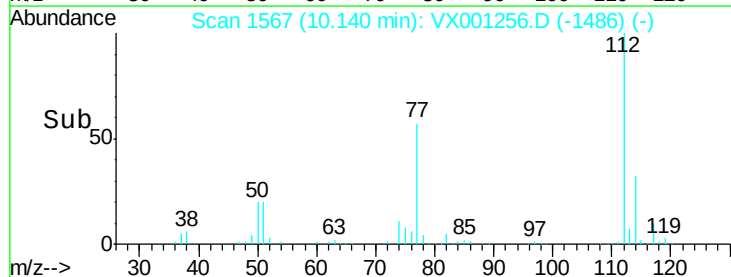
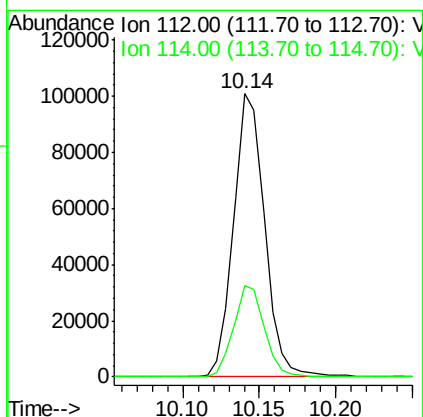
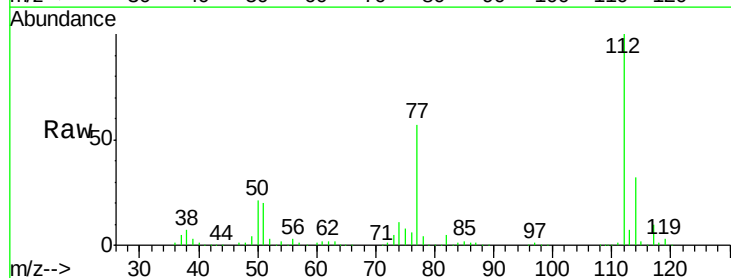
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

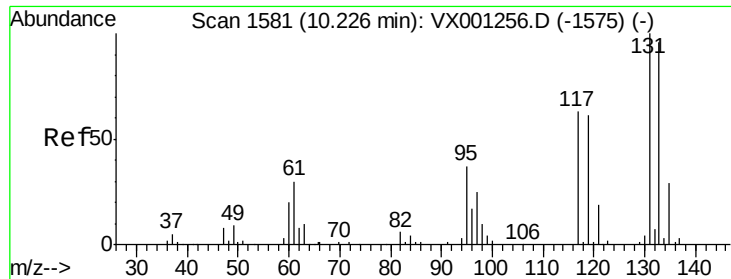
Tot Ion: 98 Resp: 252888
Ion Ratio Lower Upper
98 100
100 64.3 50.0 75.0



#64
Chlorobenzene
Concen: 20.611 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

Tgt Ion: 112 Resp: 142697
Ion Ratio Lower Upper
112 100
114 32.5 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 21.515 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

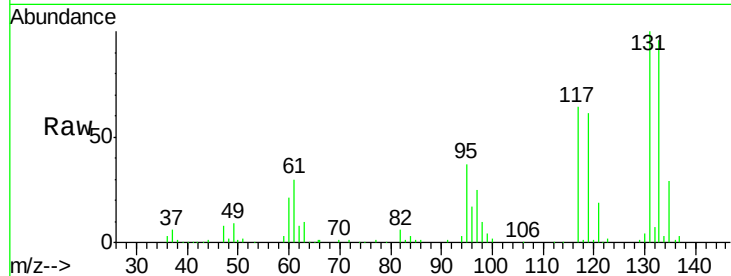
Tot Ion:131 Resp: 52761

Ion Ratio Lower Upper

131 100

133 93.4 0.0 187.6

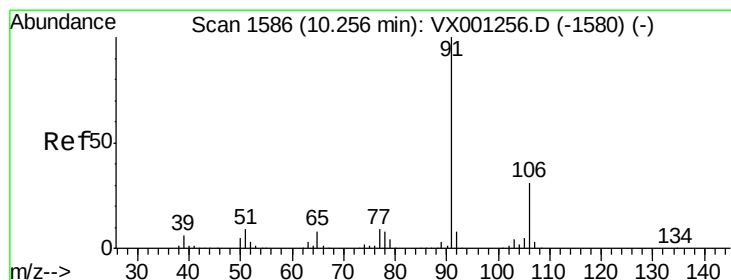
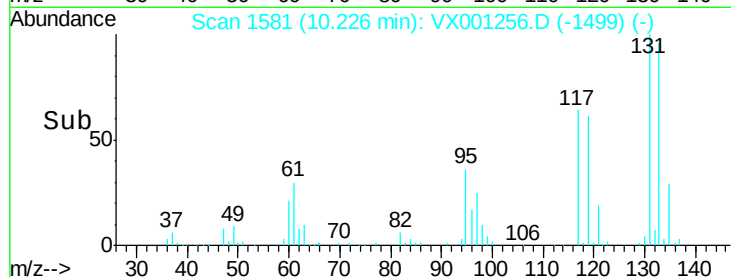
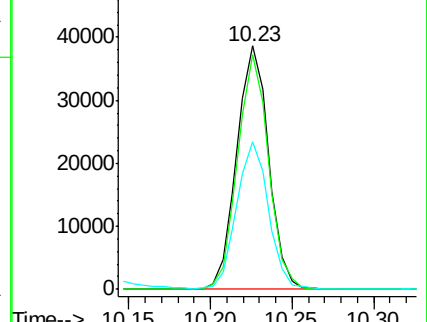
119 60.6 0.0 134.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.173 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001256.D

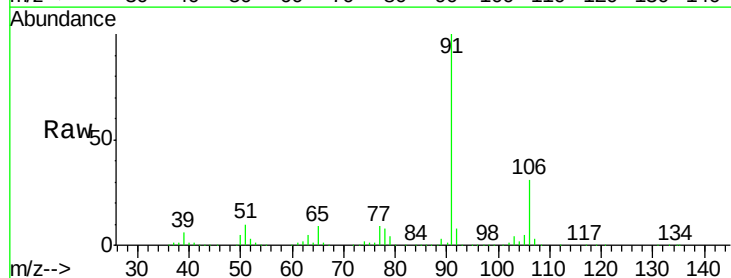
Acq: 30 Apr 2018 11:02

Tgt Ion: 91 Resp: 235915

Ion Ratio Lower Upper

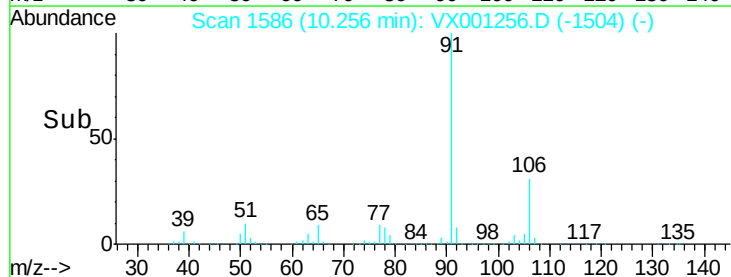
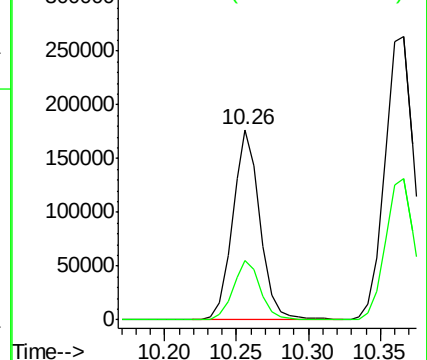
91 100

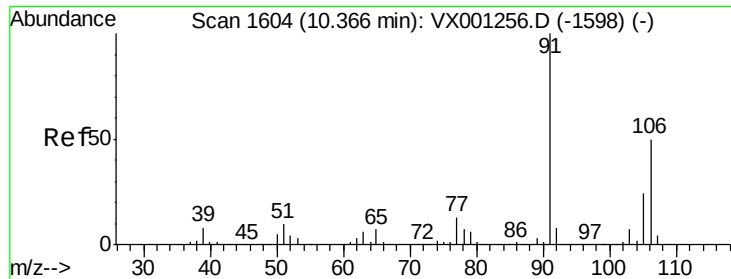
106 31.5 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

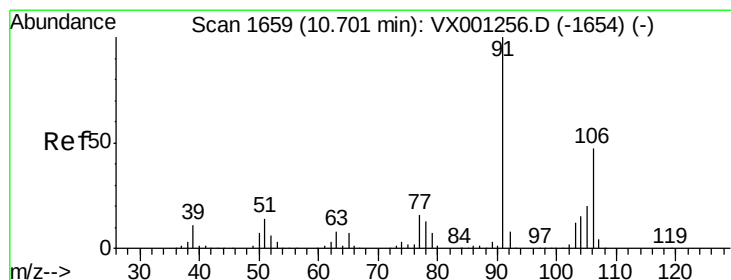
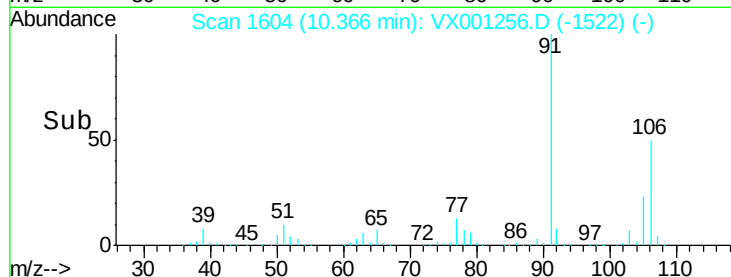
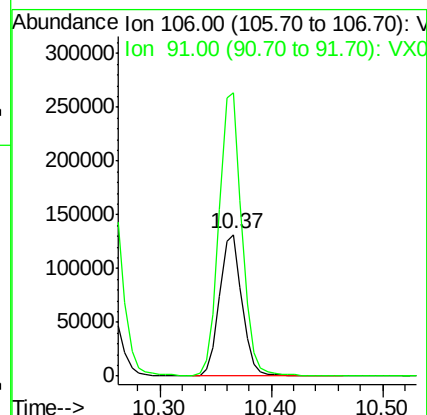
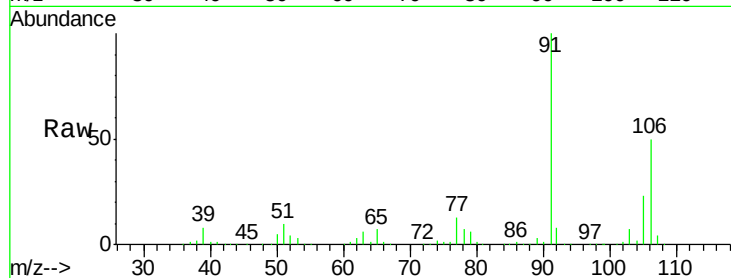




#67
m/p-Xylenes
Concen: 40.249 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

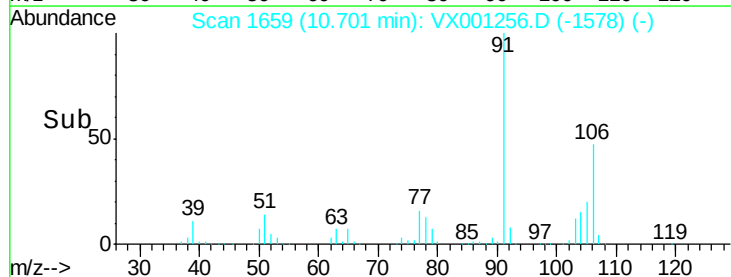
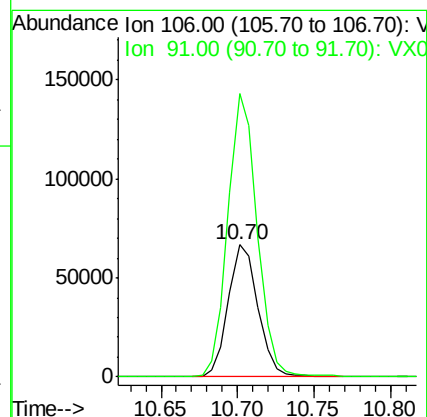
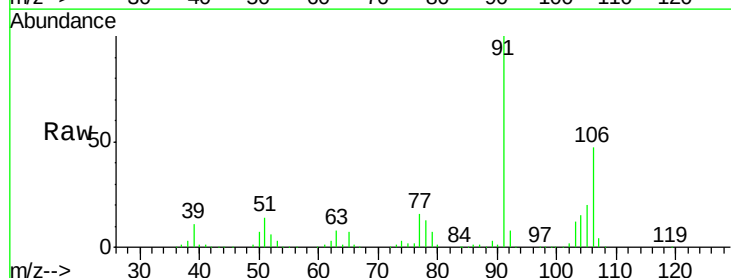
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

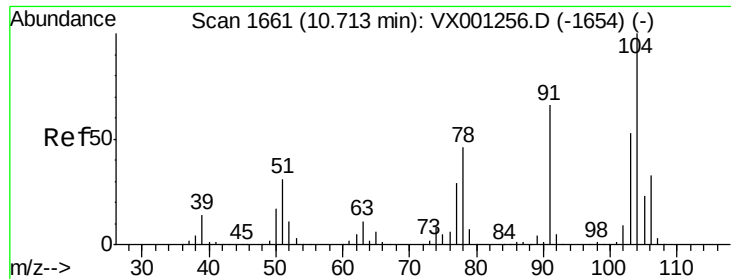
Tot Ion:106 Resp: 184525
Ion Ratio Lower Upper
106 100
91 203.9 161.6 242.4



#68
o-Xylene
Concen: 20.298 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

Tgt Ion:106 Resp: 90390
Ion Ratio Lower Upper
106 100
91 209.9 105.6 316.8

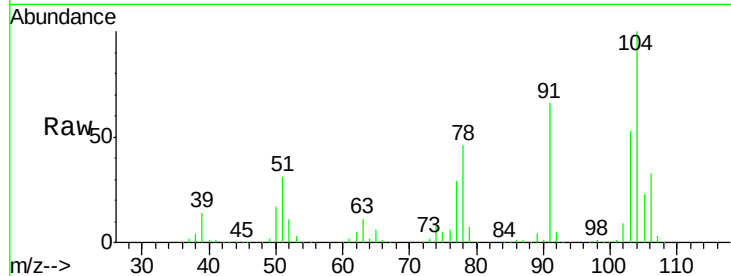




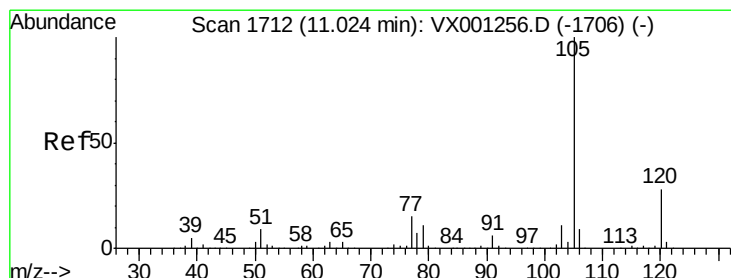
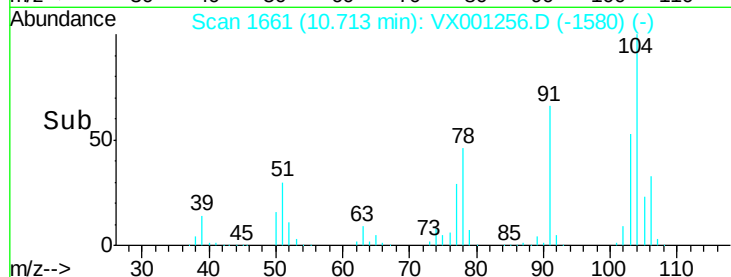
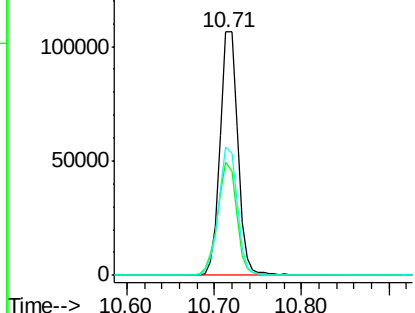
#69
Stvrene
Concen: 20.186 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion:104 Resp: 148902
Ion Ratio Lower Upper
104 100
78 49.8 39.0 58.4
103 55.6 44.7 67.1

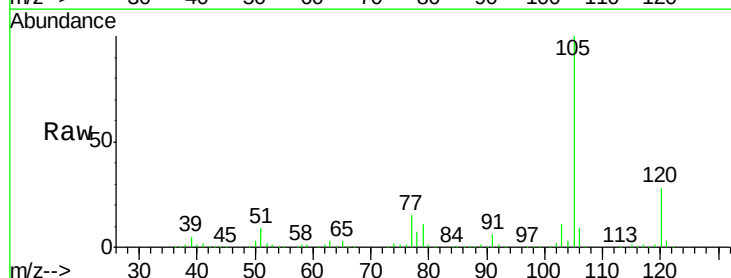


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

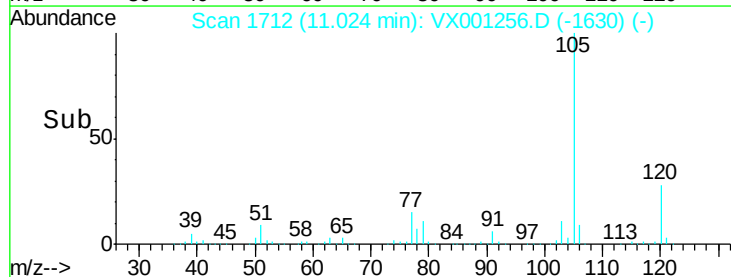
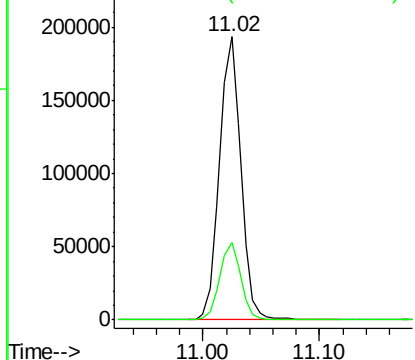


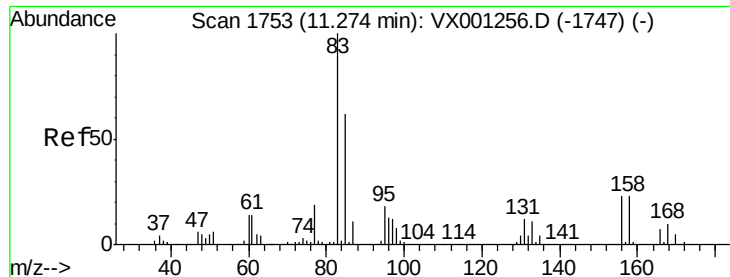
#70
Isopropylbenzene
Concen: 20.339 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

Tgt Ion:105 Resp: 244831
Ion Ratio Lower Upper
105 100
120 27.4 18.8 35.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

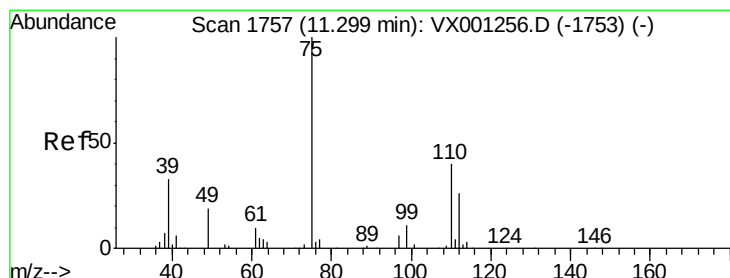
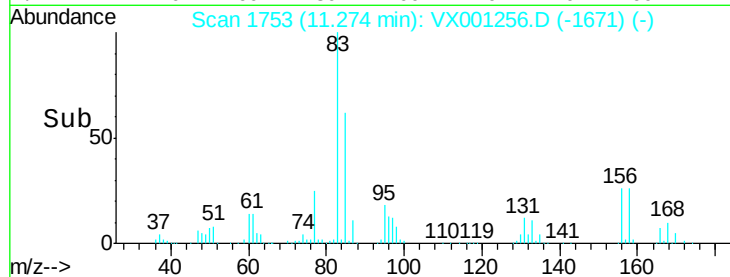
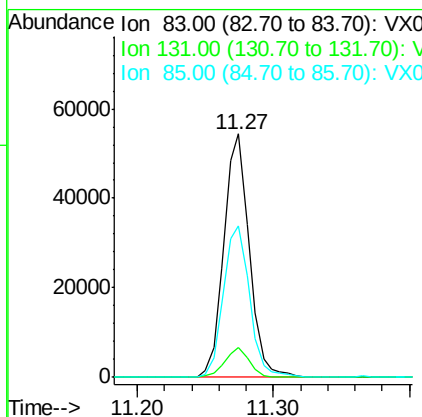
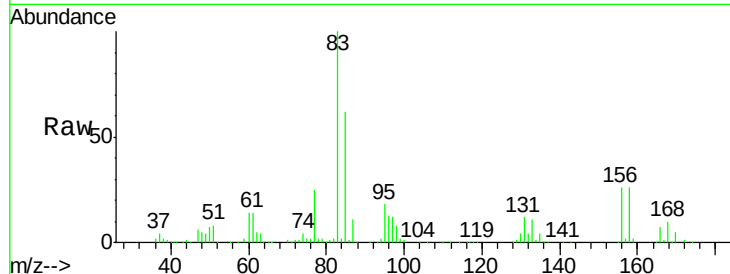




#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.024 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX001256.D
 Acq: 30 Apr 2018 11:02

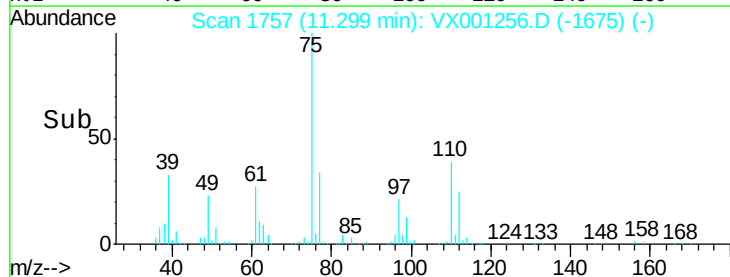
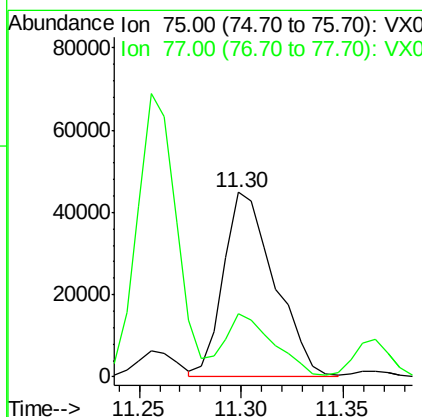
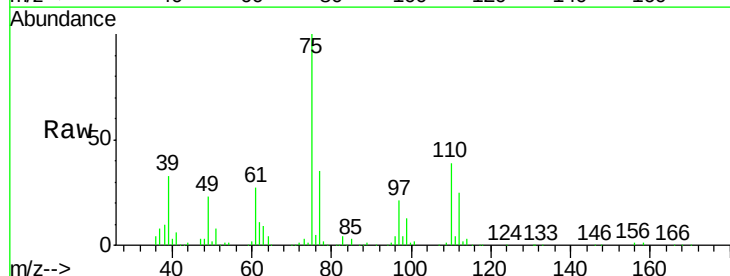
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

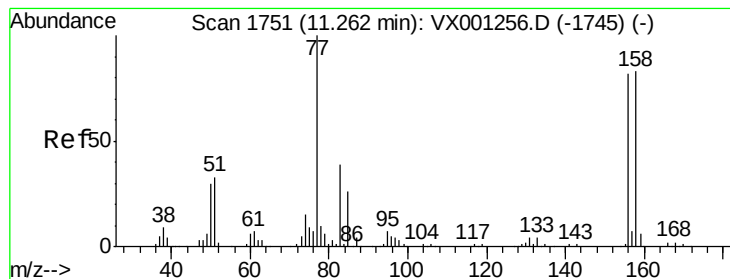
Tot Ion: 83 Resp: 70514
 Ion Ratio Lower Upper
 83 100
 131 11.8 5.3 16.1
 85 64.6 32.5 97.5



#72
 1,2,3-Trichloropropane
 Concen: 20.921 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX001256.D
 Acq: 30 Apr 2018 11:02

Tgt Ion: 75 Resp: 77729
 Ion Ratio Lower Upper
 75 100
 77 33.8 0.0 85.8





#73

Bromobenzene

Concen: 22.208 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

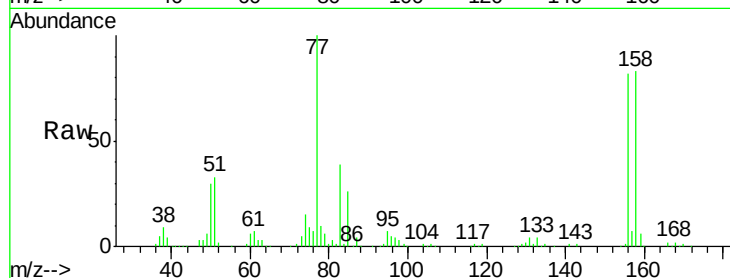
Tot Ion:156 Resp: 70084

Ion Ratio Lower Upper

156 100

77 129.6 0.0 280.2

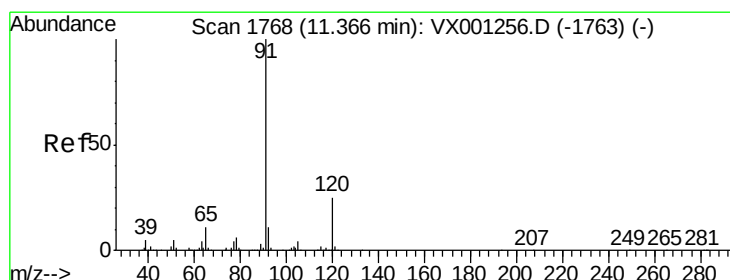
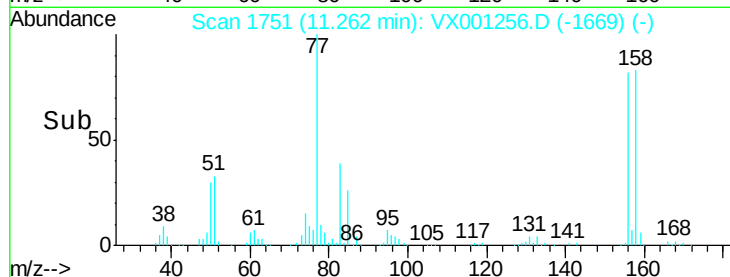
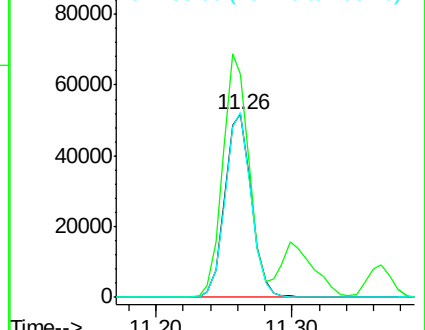
158 98.3 0.0 197.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.380 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001256.D

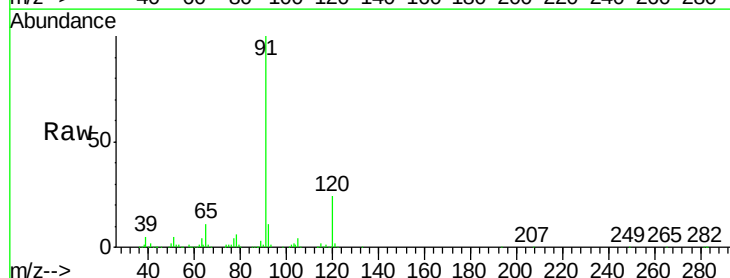
Acq: 30 Apr 2018 11:02

Tgt Ion: 91 Resp: 273451

Ion Ratio Lower Upper

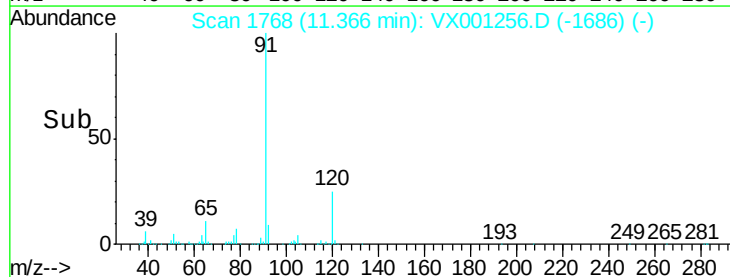
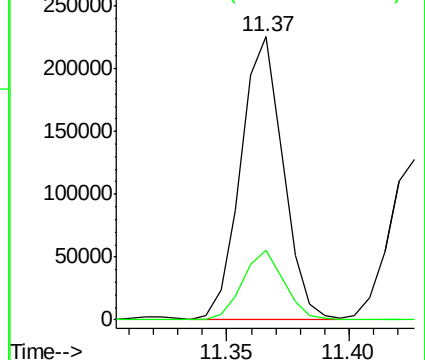
91 100

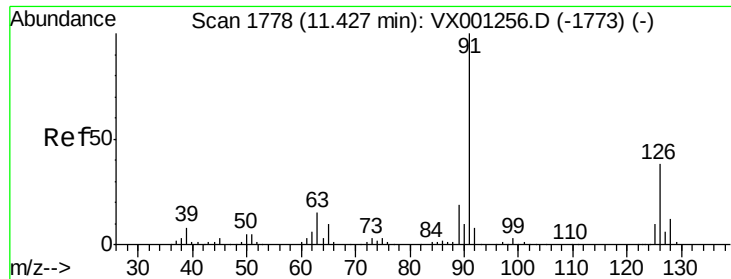
120 24.2 0.0 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.257 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

Instrument :

MSVOA_X

ClientSampled :

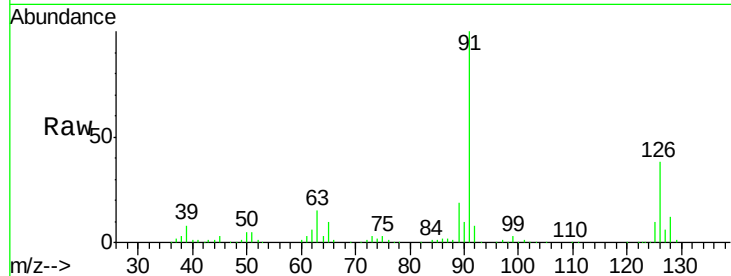
VSTDICCC020

Tot Ion: 91 Resp: 164319

Ion Ratio Lower Upper

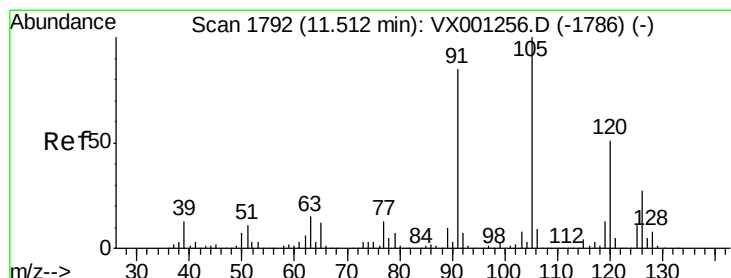
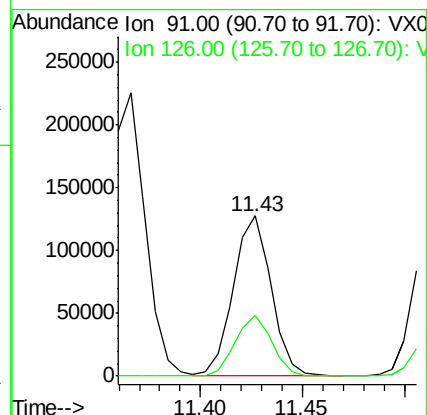
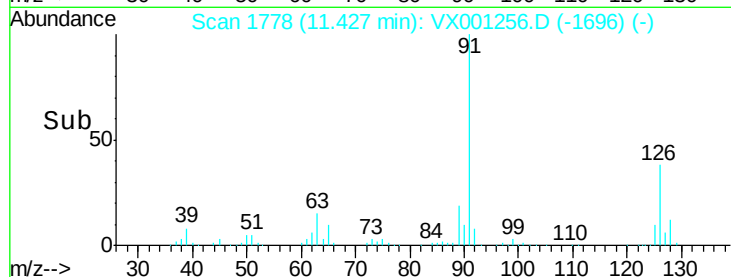
91 100

126 36.7 0.0 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX001256.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX001256.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.146 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001256.D

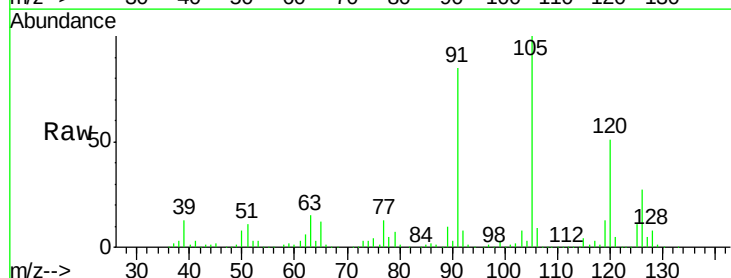
Acq: 30 Apr 2018 11:02

Tgt Ion: 105 Resp: 205511

Ion Ratio Lower Upper

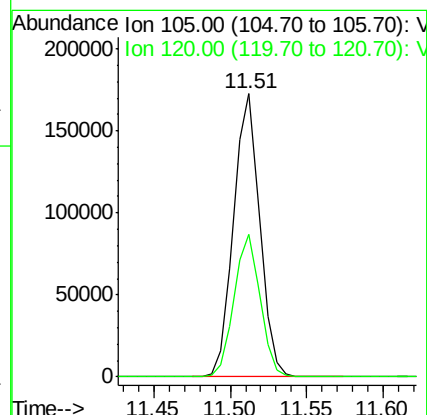
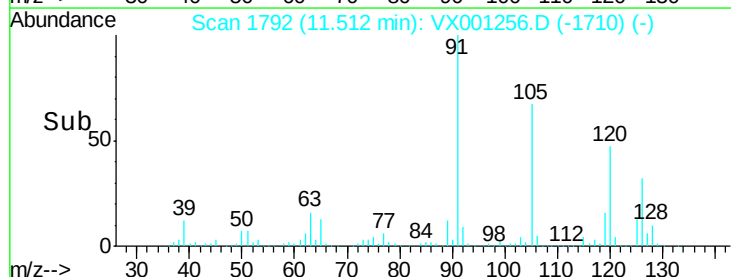
105 100

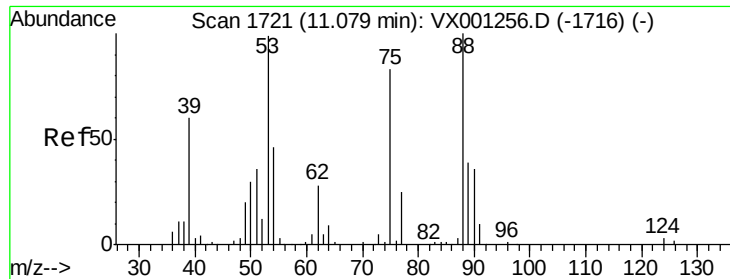
120 50.1 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): VX001256.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001256.D (-1786) (-)

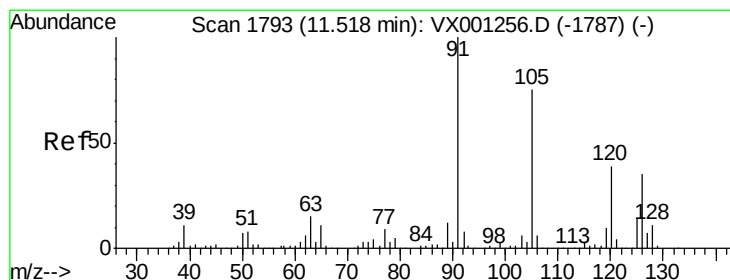
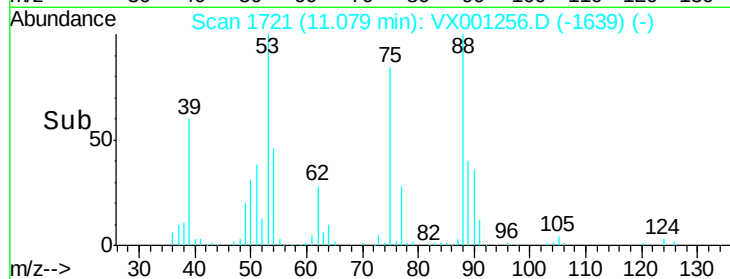
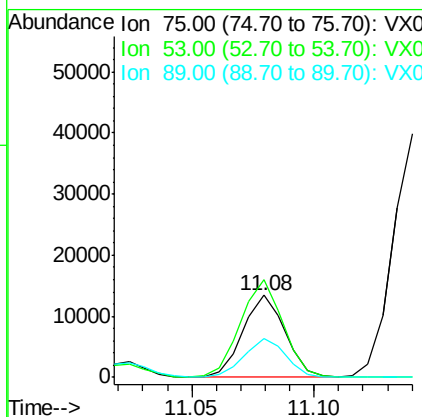
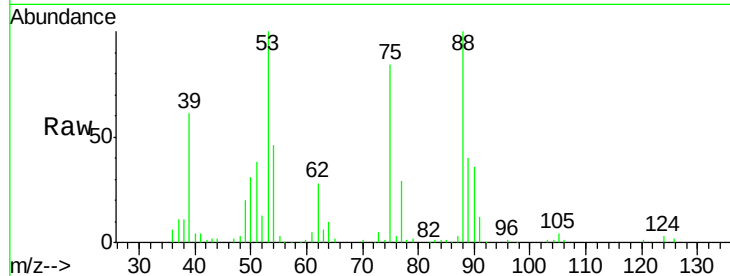




#77
t-1,4-Dichloro-2-butene
Concen: 12.390 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

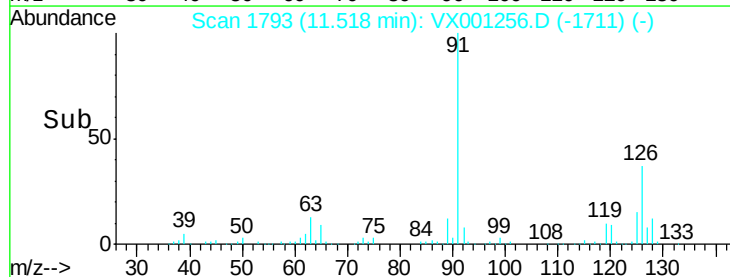
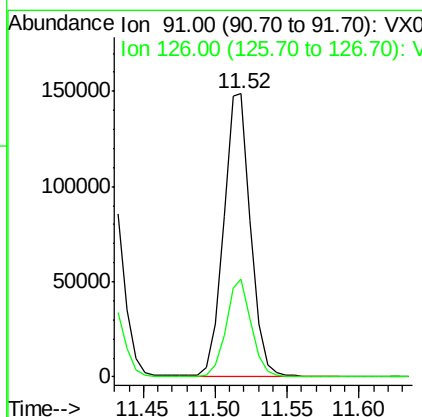
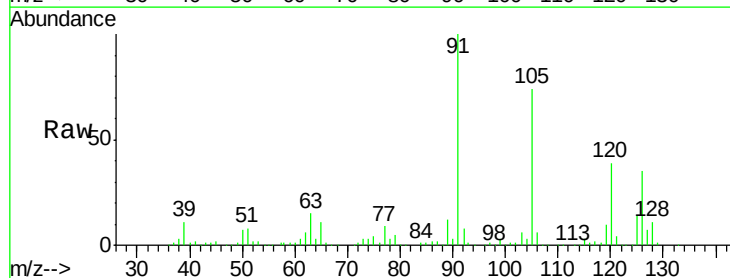
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

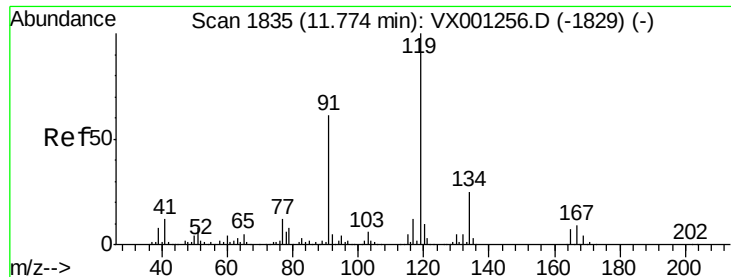
Tot Ion: 75 Resp: 16278
Ion Ratio Lower Upper
75 100
53 118.8 47.8 143.3
89 47.7 22.3 66.8



#78
4-Chlorotoluene
Concen: 20.172 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

Tgt Ion: 91 Resp: 196040
Ion Ratio Lower Upper
91 100
126 32.4 0.0 63.4

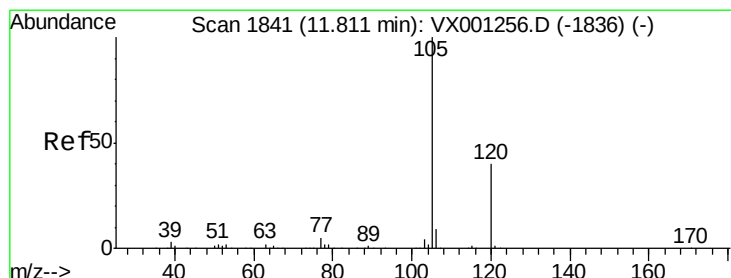
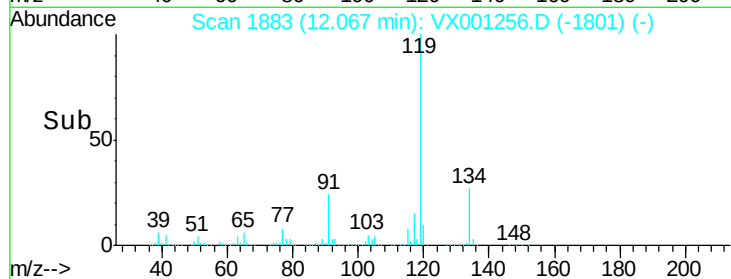
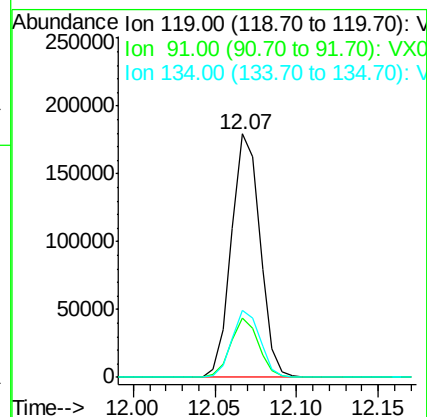
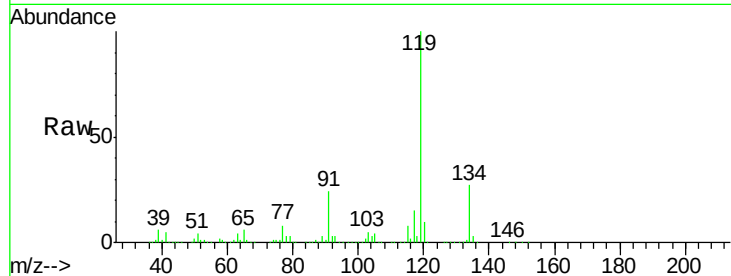




#79
tert-butylbenzene
Concen: 21.625 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

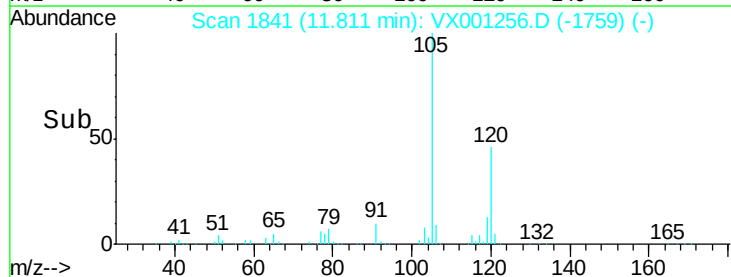
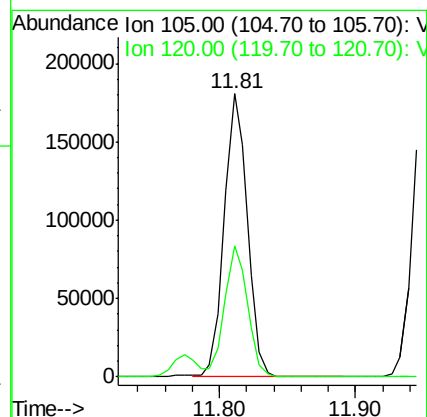
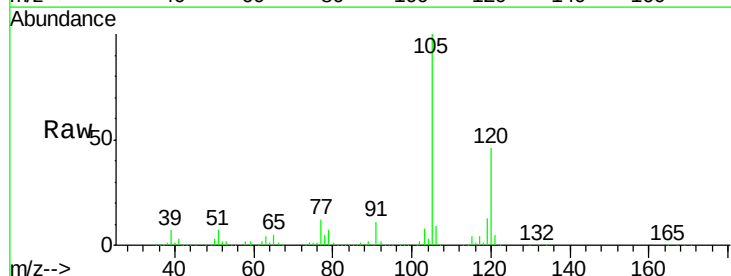
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

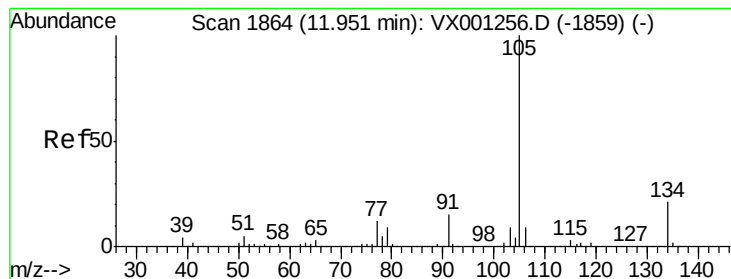
Tot Ion	Ratio	Lower	Upper
119	100		
91	23.5	0.0	51.6
134	27.2	0.0	60.2



#80
1,2,4-Trimethylbenzene
Concen: 20.493 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	0.0	93.0





#81

sec-Butylbenzene

Concen: 19.091 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

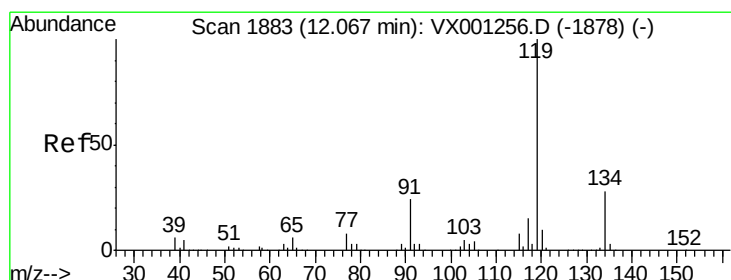
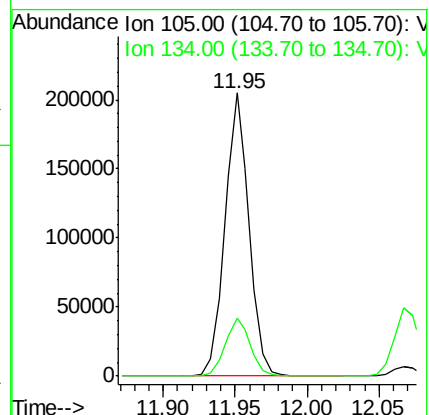
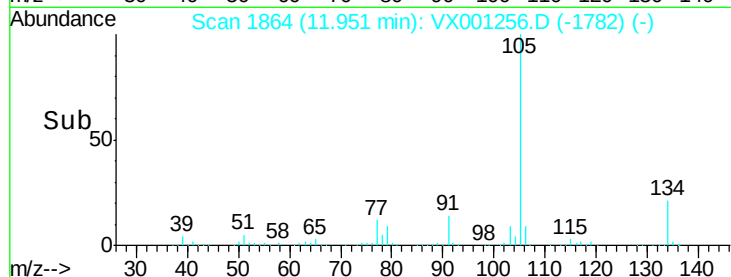
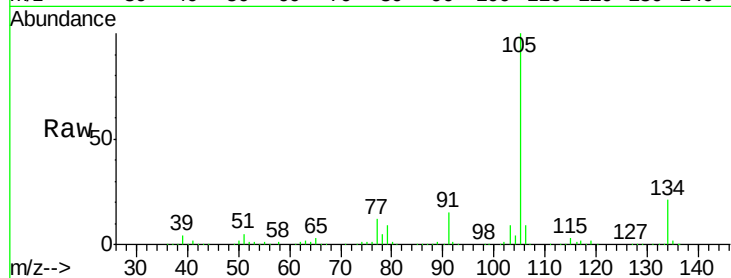
VSTDICCC020

Tot Ion:105 Resp: 239624

Ion Ratio Lower Upper

105 100

134 21.2 0.0 41.8



#82

p-Isopropyltoluene

Concen: 19.609 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

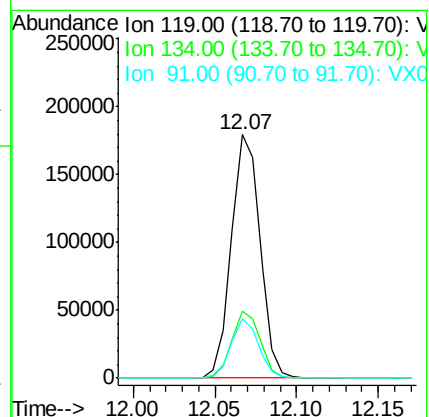
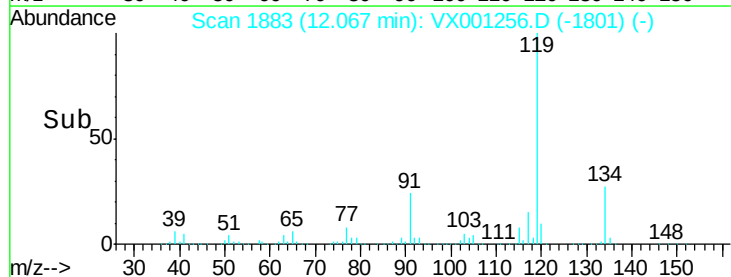
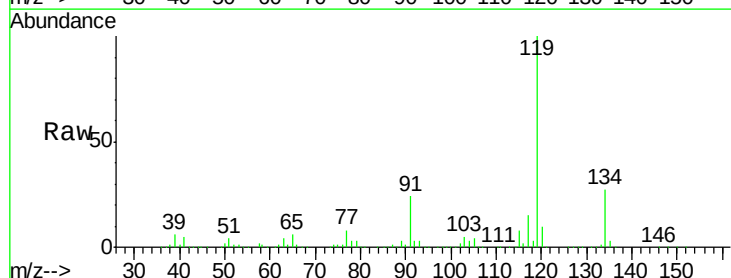
Tgt Ion:119 Resp: 219567

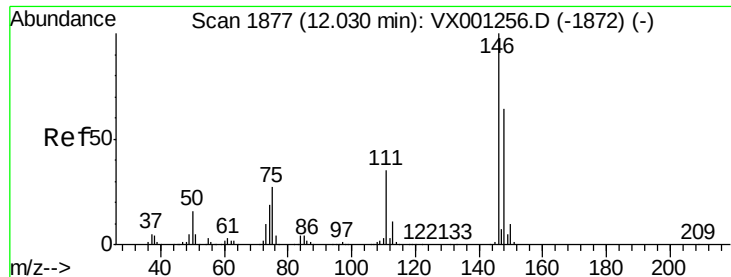
Ion Ratio Lower Upper

119 100

134 27.2 0.0 54.4

91 23.5 0.0 46.6

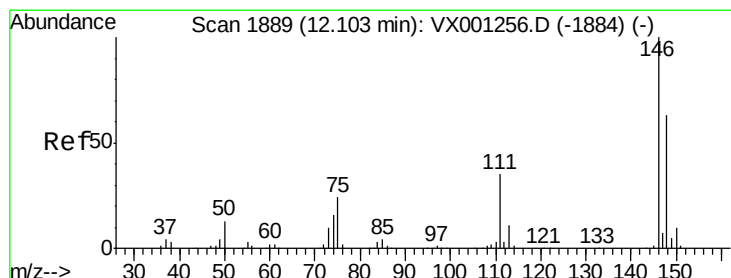
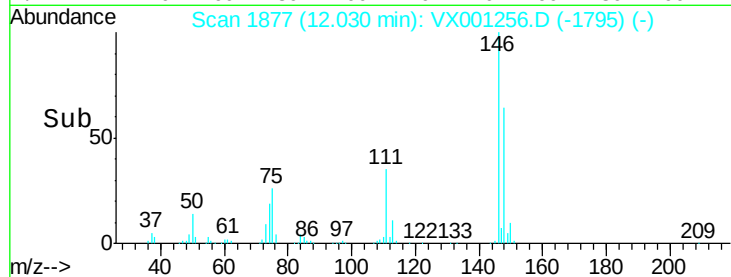
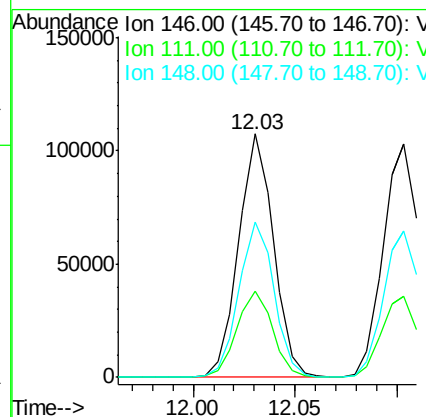
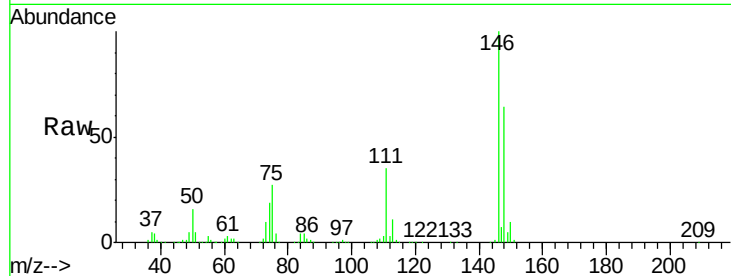




#83
 1,3-Dichlorobenzene
 Concen: 21.166 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001256.D
 Acq: 30 Apr 2018 11:02

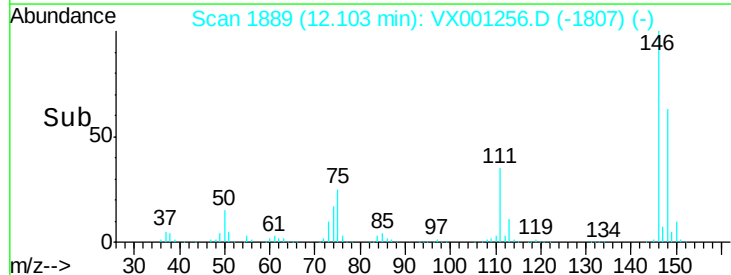
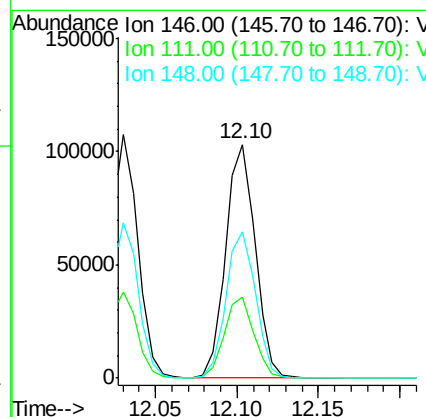
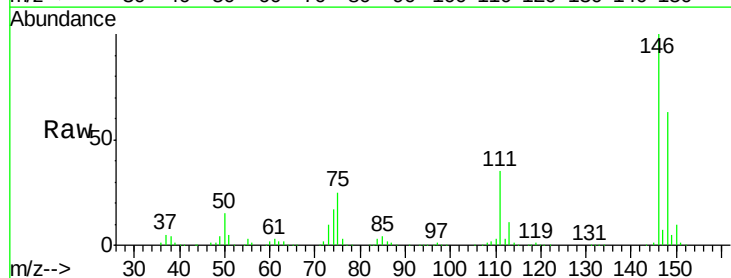
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC020

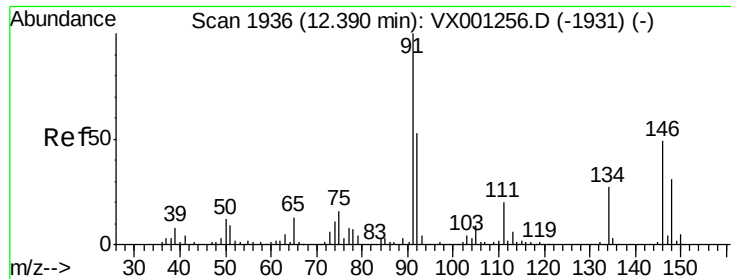
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	19.4	58.2
148	64.7	32.6	97.7



#84
 1,4-Dichlorobenzene
 Concen: 20.846 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001256.D
 Acq: 30 Apr 2018 11:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.8	18.4	55.0
148	63.1	31.9	95.7





#85

n-Butylbenzene

Concen: 17.401 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX001256.D

Acq: 30 Apr 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

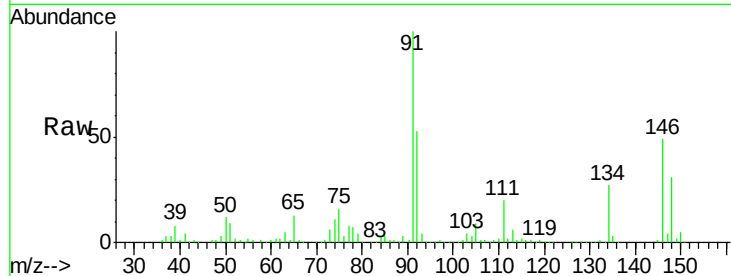
Tot Ion: 91 Resp: 182751

Ion Ratio Lower Upper

91 100

92 52.6 0.0 102.0

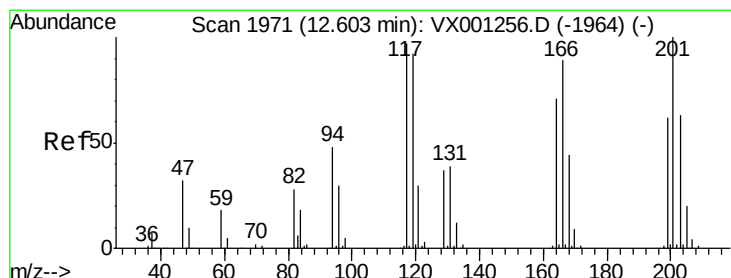
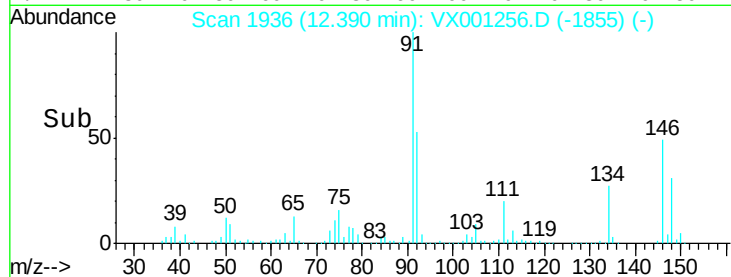
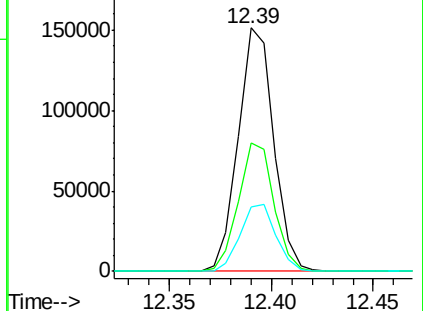
134 27.8 0.0 54.2



Abundance Ion 91.00 (90.70 to 91.70): VX001256.D (-1931) (-)

Ion 92.00 (91.70 to 92.70): VX001256.D (-1931) (-)

Ion 134.00 (133.70 to 134.70): VX001256.D (-1931) (-)



#86

Hexachloroethane

Concen: 17.060 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001256.D

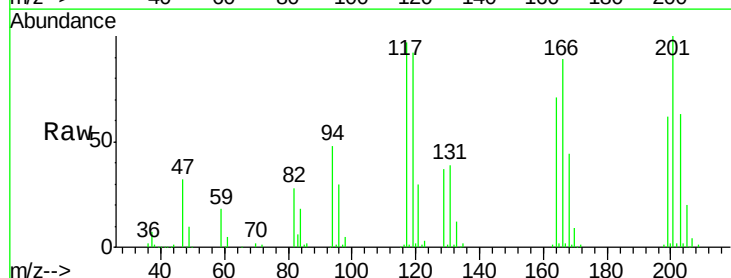
Acq: 30 Apr 2018 11:02

Tgt Ion: 117 Resp: 31910

Ion Ratio Lower Upper

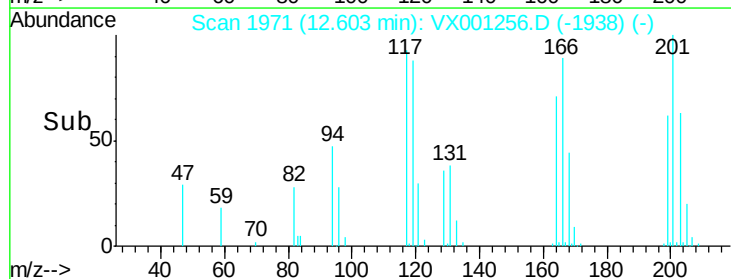
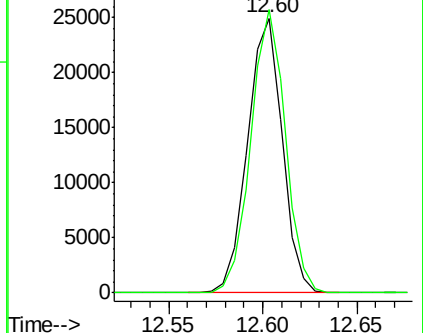
117 100

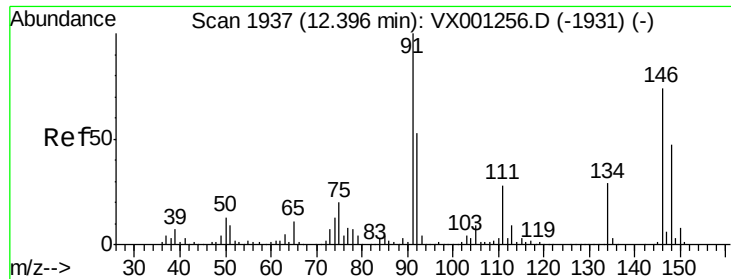
201 102.2 38.9 116.6



Abundance Ion 117.00 (116.70 to 117.70): VX001256.D (-1964) (-)

Ion 201.00 (200.70 to 201.70): VX001256.D (-1964) (-)

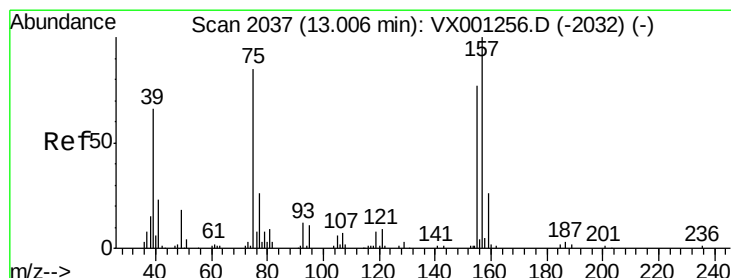
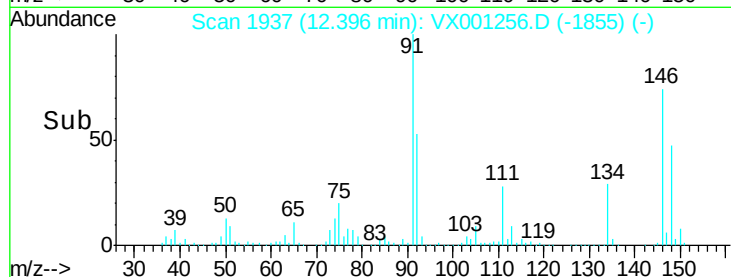
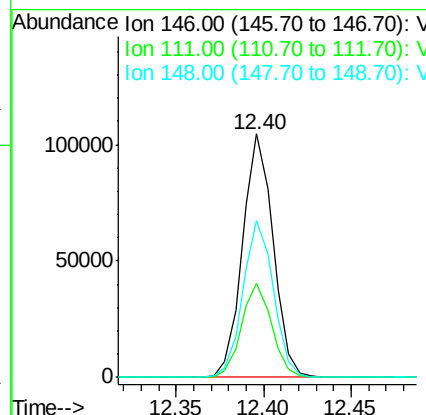
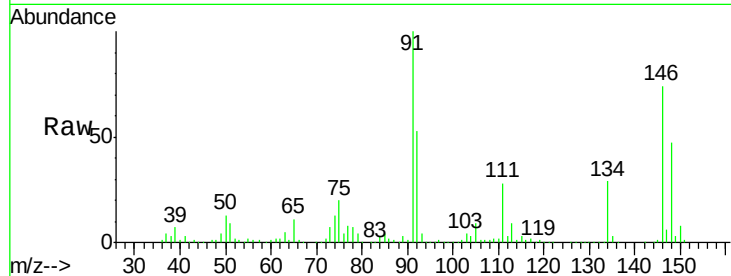




#87
 1,2-Dichlorobenzene
 Concen: 21.335 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001256.D
 Acq: 30 Apr 2018 11:02

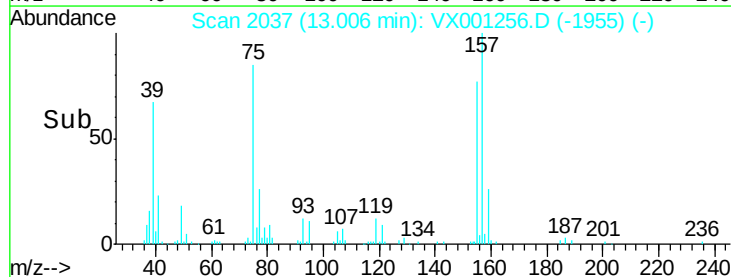
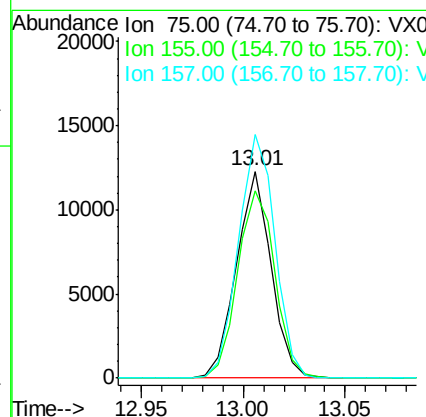
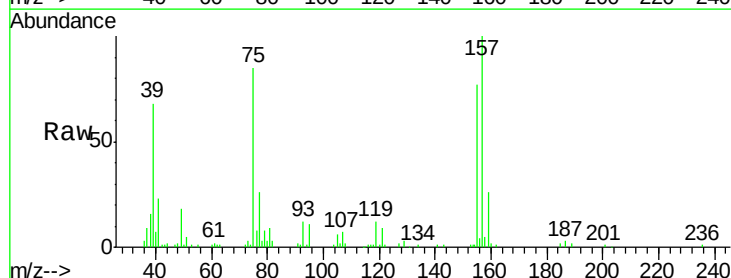
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC020

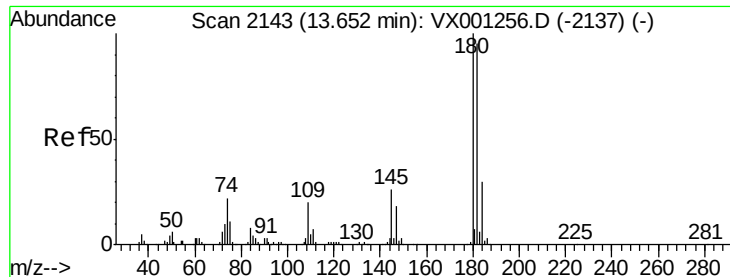
Tot Ion:146 Resp: 127029
 Ion Ratio Lower Upper
 146 100
 111 38.1 20.0 60.0
 148 64.4 31.6 95.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 12.469 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001256.D
 Acq: 30 Apr 2018 11:02

Tgt Ion: 75 Resp: 14441
 Ion Ratio Lower Upper
 75 100
 155 97.8 75.1 112.7
 157 123.9 99.0 148.4

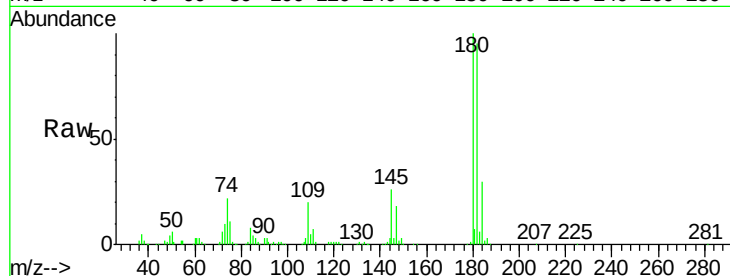




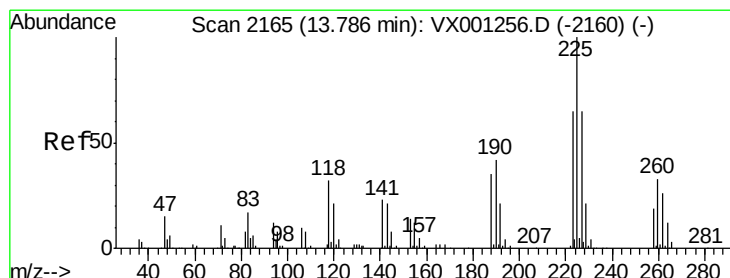
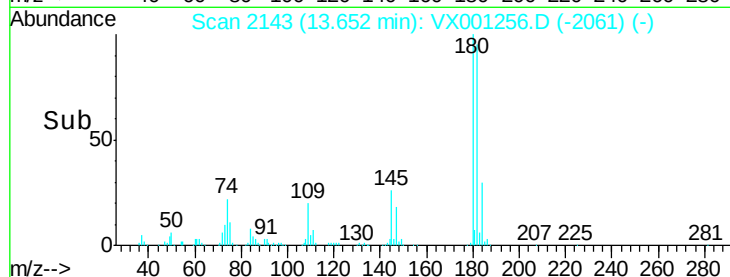
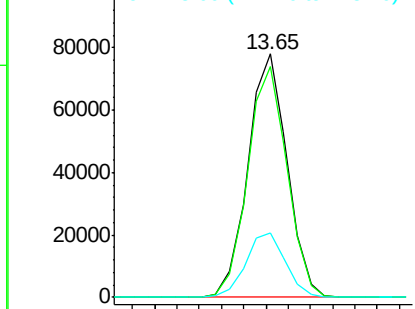
#89
 1,2,4-Trichlorobenzene
 Concen: 21.828 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001256.D
 Acq: 30 Apr 2018 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion:180 Resp: 95453
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.3 114.5
 145 26.9 24.6 37.0

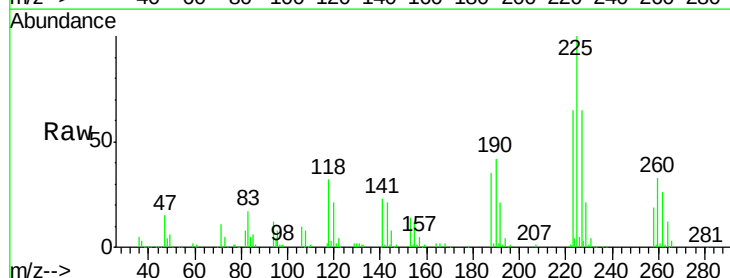


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

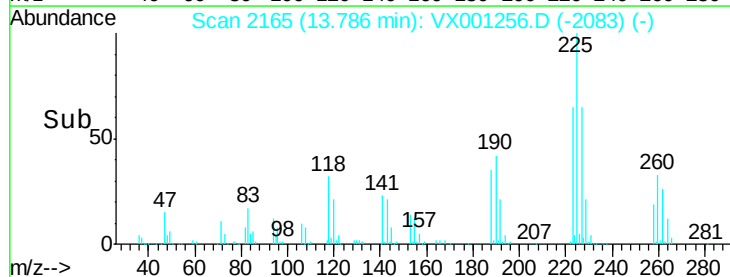
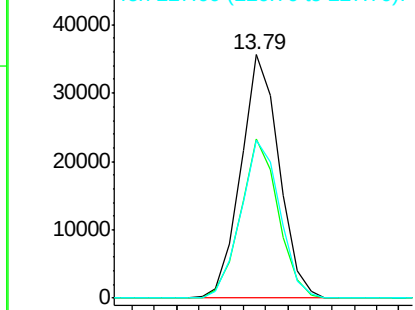


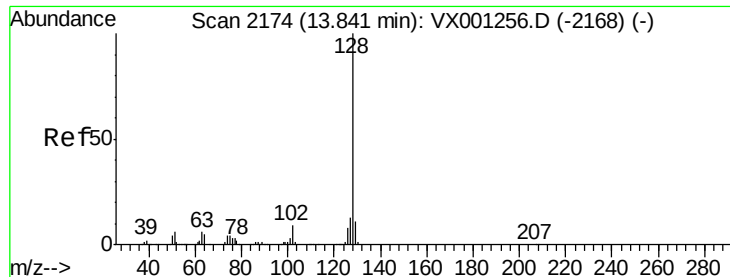
#90
 Hexachlorobutadiene
 Concen: 22.656 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001256.D
 Acq: 30 Apr 2018 11:02

Tgt Ion:225 Resp: 42685
 Ion Ratio Lower Upper
 225 100
 223 64.2 0.0 131.2
 227 66.1 0.0 127.6



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

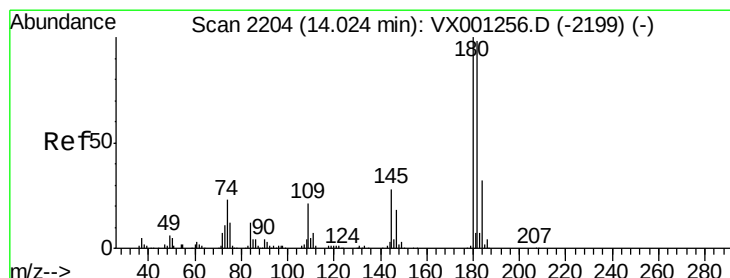
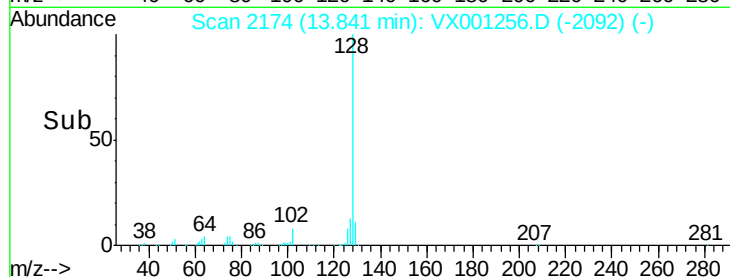
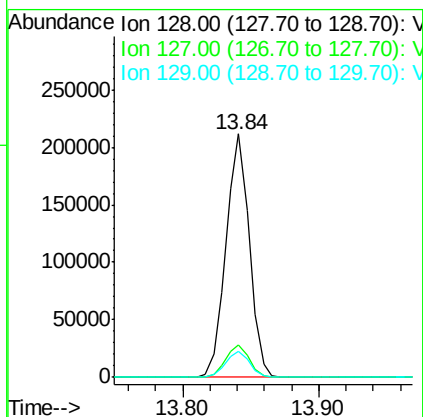
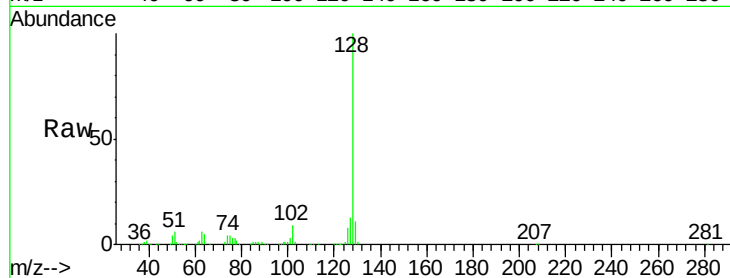




#91
Naphthalene
Concen: 16.432 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion:128 Resp: 251106
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.9 9.0 13.6



#92
1,2,3-Trichlorobenzene
Concen: 21.402 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001256.D
Acq: 30 Apr 2018 11:02

Tgt Ion:180 Resp: 94092
Ion Ratio Lower Upper
180 100
182 97.1 0.0 188.6
145 29.1 0.0 65.8

