

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX043018\
 Data File : VX001255.D
 Acq On : 30 Apr 2018 10:36
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 30 13:02:07 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	38767	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	211620	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	198120	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	83509	27.83	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	92.77%
60) 4-Bromofluorobenzene	11.14	95	92838	28.64	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.47%
63) Toluene-d8	8.72	98	257270	30.32	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.07%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	10506	4.367 ug/l	93
3) Chloromethane	1.32	50	11753	4.874 ug/l	97
4) Vinyl Chloride	1.41	62	12310	4.291 ug/l	92
5) Bromomethane	1.65	94	10544	3.988 ug/l	94
6) Chloroethane	1.73	64	7708	4.197 ug/l	93
7) Trichlorofluoromethane	1.93	101	20808	4.186 ug/l	97
8) Diethyl Ether	2.19	74	7689	4.430 ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.39	101	12841	4.735 ug/l	95
10) 1,1-Dichloroethene	2.38	96	11181	4.316 ug/l	91
11) Methyl Iodide	2.51	142	9687	3.848 ug/l	90
12) Methyl Acetate	2.78	43	13654	2.950 ug/l	98
13) Acrolein	2.29	56	7622	13.683 ug/l	97
14) Acrylonitrile	3.15	53	26398	13.161 ug/l	99
15) Acetone	2.45	58	9181	14.040 ug/l	98
16) Carbon Disulfide	2.57	76	27529	3.716 ug/l	96
17) Allyl chloride	2.73	41	18125	4.104 ug/l	97
18) Methylene Chloride	2.86	84	12754	4.518 ug/l	93
19) trans-1,2-Dichloroethene	3.17	96	11993	4.255 ug/l	92
20) Diisopropyl ether	3.87	45	37340	5.355 ug/l #	93
21) 1,1-Dichloroethane	3.70	63	21565	4.692 ug/l	96
22) cis-1,2-Dichloroethene	4.60	96	13647	5.212 ug/l	99
23) tert-Butyl Alcohol	3.05	59	9940	8.670 ug/l #	99
24) Methyl tert-Butyl Ether	3.20	73	37246	4.173 ug/l	97
25) Chloroform	5.21	83	23015	5.050 ug/l	100
26) Cyclohexane	5.58	56	18871	5.236 ug/l #	91
29) 1,1-Dichloropropene	5.80	75	15783	5.121 ug/l	99
30) 2-Butanone	4.70	43	38846	16.376 ug/l	98
31) 2,2-Dichloropropane	4.59	77	17656	5.326 ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	18562	4.978 ug/l	95
33) Carbon Tetrachloride	5.79	117	16786	5.069 ug/l	96
34) Benzene	6.15	78	48232	5.439 ug/l #	94
35) Methacrylonitrile	5.06	41	8571	3.924 ug/l	93
36) 1,2-Dichloroethane	6.20	62	18752	5.576 ug/l	98
37) Trichloroethene	7.22	130	15340	5.852 ug/l	93
38) Methylcyclohexane	7.46	83	18966	5.134 ug/l	95
39) 1,2-Dichloropropane	7.52	63	12424	5.612 ug/l	93
40) Dibromomethane	7.67	93	8539	5.006 ug/l	88

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Quant Time: Apr 30 13:02:07 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)
41) Bromodichloromethane	7.90	83	14885	4.591	ug/l	97
42) Vinyl Acetate	3.82	43	154404	25.537	ug/l	99
43) Ethyl Acetate	4.85	43	15024	3.606	ug/l	94
44) Isopropyl Acetate	6.46	43	24656	4.033	ug/l	97
45) 1,4-Dioxane	7.76	88	4401	57.239	ug/l #	87
46) Methyl methacrylate	7.78	41	12238	4.116	ug/l	89
47) n-amyl Acetate	10.90	43	20495	3.840	ug/l	93
48) t-1,3-Dichloropropene	8.44	75	16719	4.430	ug/l	97
49) cis-1,3-Dichloropropene	9.04	75	15338	4.176	ug/l	95
50) 1,1,2-Trichloroethane	9.22	97	12328	4.922	ug/l	96
51) Ethyl methacrylate	9.18	69	15447	4.026	ug/l	96
52) 1,3-Dichloropropane	9.37	76	20032	4.987	ug/l	99
53) Dibromochloromethane	9.59	129	11973	4.297	ug/l	97
54) 1,2-Dibromoethane	9.67	107	13022	4.665	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	41236	24.611	ug/l	100
56) Bromoform	10.86	173	8495	3.764	ug/l #	96
58) 4-Methyl-2-Pentanone	8.65	43	72141	16.624	ug/l	99
59) 2-Hexanone	9.50	43	56009	15.242	ug/l	95
61) Tetrachloroethene	9.34	164	17197	7.149	ug/l	91
62) Toluene	8.79	91	55512	5.385	ug/l	99
64) Chlorobenzene	10.14	112	37688	5.411	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	12412	5.031	ug/l	96
66) Ethyl Benzene	10.26	91	59813	5.084	ug/l	99
67) m/p-Xylenes	10.36	106	47101	10.212	ug/l	98
68) o-Xylene	10.70	106	22402	5.000	ug/l	99
69) Styrene	10.71	104	35368	4.766	ug/l	99
70) Isopropylbenzene	11.02	105	61567	5.084	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	16651	3.996	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	17741	4.746	ug/l	87
73) Bromobenzene	11.26	156	18273	5.755	ug/l	94
74) n-propylbenzene	11.37	91	68252	4.808	ug/l	100
75) 2-Chlorotoluene	11.43	91	42253	5.177	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	51028	4.972	ug/l	70
77) t-1,4-Dichloro-2-butene	11.08	75	3354	2.537	ug/l	87
78) 4-Chlorotoluene	11.51	91	48664	4.977	ug/l	99
79) tert-butylbenzene	12.07	119	53073	5.195	ug/l	96
80) 1,2,4-Trimethylbenzene	11.81	105	51282	4.898	ug/l	100
81) sec-Butylbenzene	11.95	105	59666	4.725	ug/l	98
82) p-Isopropyltoluene	12.07	119	53073	4.711	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	32965	5.453	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	33315	5.288	ug/l	99
85) n-Butylbenzene	12.39	91	45074	4.266	ug/l	99
86) Hexachloroethane	12.60	117	7020	3.730	ug/l	71
87) 1,2-Dichlorobenzene	12.40	146	32087	5.356	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	3032	2.602	ug/l	94
89) 1,2,4-Trichlorobenzene	13.65	180	23442	5.328	ug/l	98
90) Hexachlorobutadiene	13.79	225	11333	5.979	ug/l	97
91) Naphthalene	13.84	128	55950	3.639	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	23774	5.375	ug/l	98

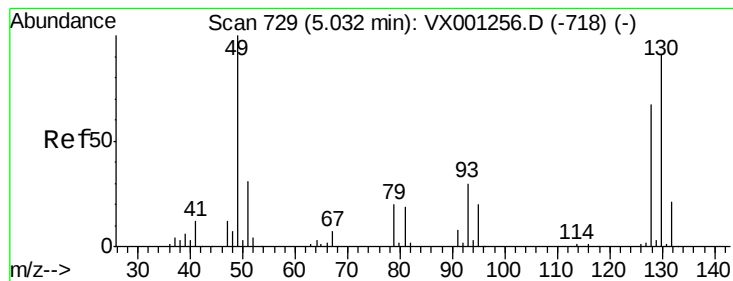
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX043018\
Data File : VX001255.D
Acq On : 30 Apr 2018 10:36
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Apr 30 13:02:07 2018
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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)
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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# 728

Delta R.T. -0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

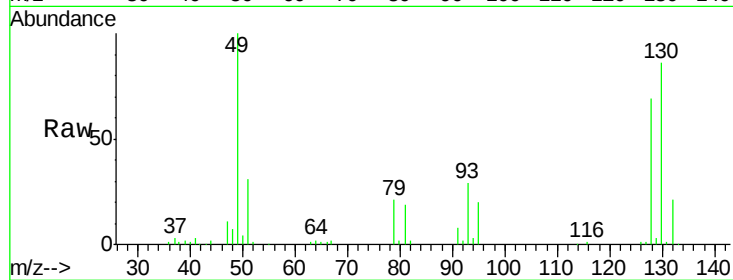
Tot Ion:128 Resp: 38767

Ion Ratio Lower Upper

128 100

49 146.2 0.0 378.3

130 127.8 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

25000

20000

15000

10000

5000

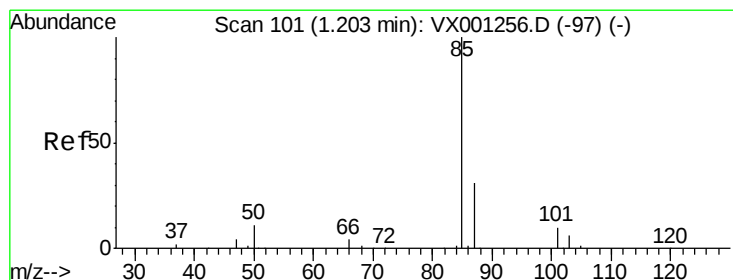
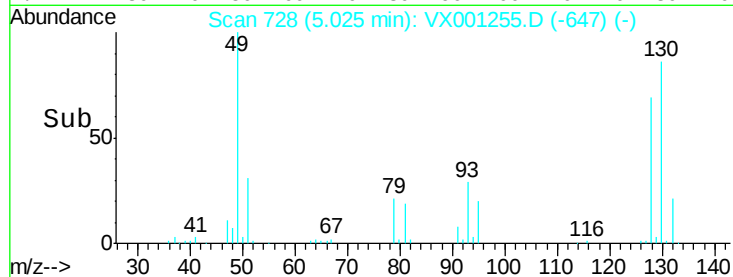
0

Time-->

4.90

5.03

5.10



#2

Dichlorodifluoromethane

Concen: 4.367 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001255.D

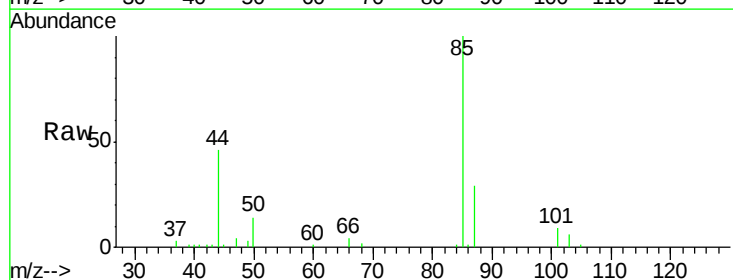
Acq: 30 Apr 2018 10:36

Tgt Ion: 85 Resp: 10506

Ion Ratio Lower Upper

85 100

87 28.9 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

12000

10000

8000

6000

4000

2000

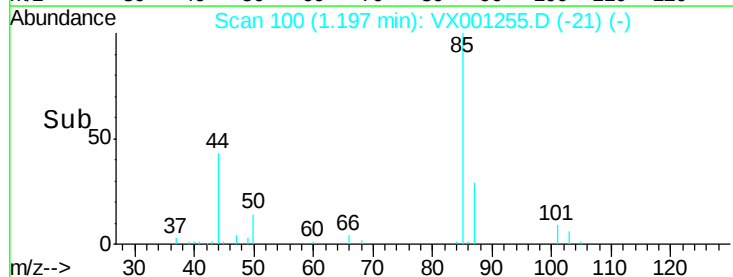
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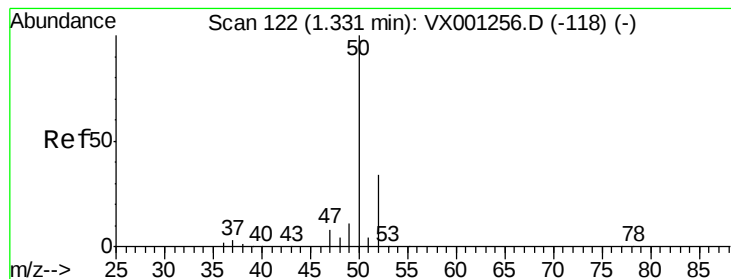
Time-->

1.15

1.20

1.25





#3

Chloromethane

Concen: 4.874 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

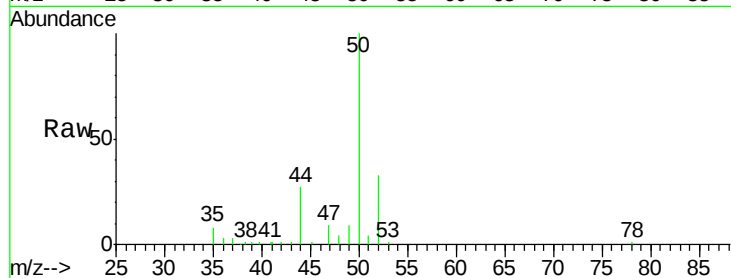
VSTDIC005

Tot Ion: 50 Resp: 11753

Ion Ratio Lower Upper

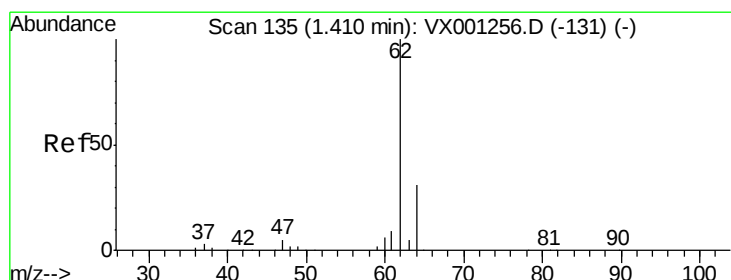
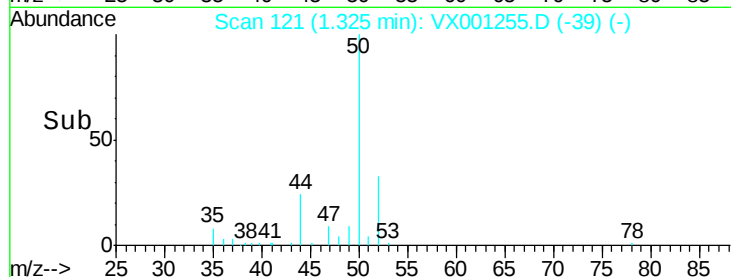
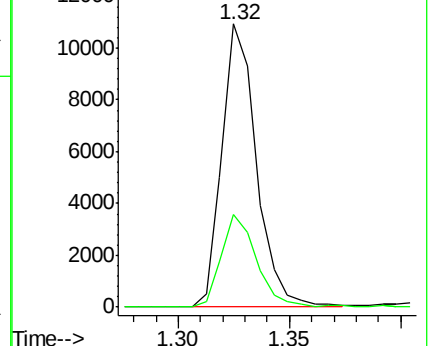
50 100

52 32.9 27.8 41.6



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 4.291 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX001255.D

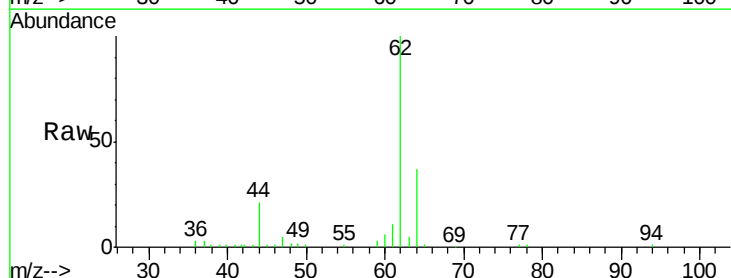
Acq: 30 Apr 2018 10:36

Tgt Ion: 62 Resp: 12310

Ion Ratio Lower Upper

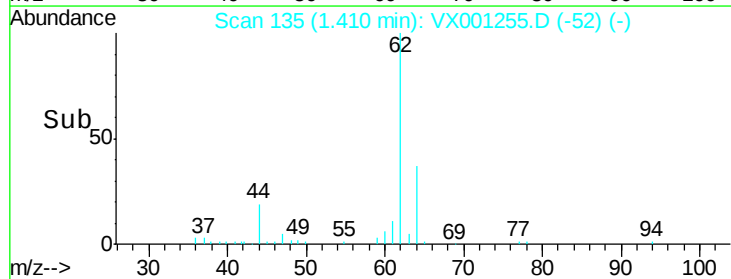
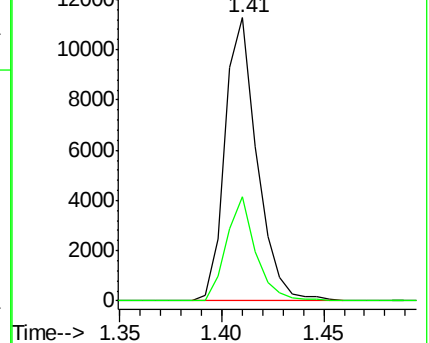
62 100

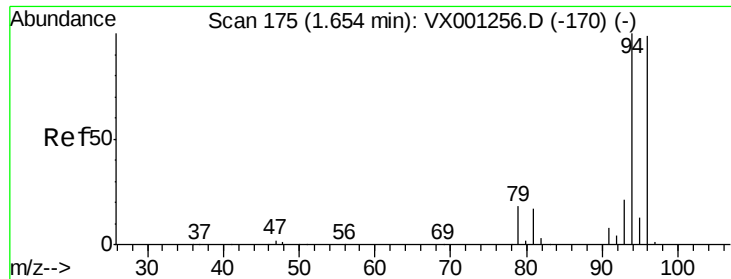
64 36.8 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 3.988 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

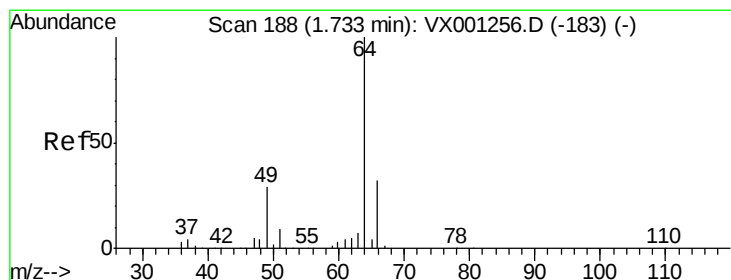
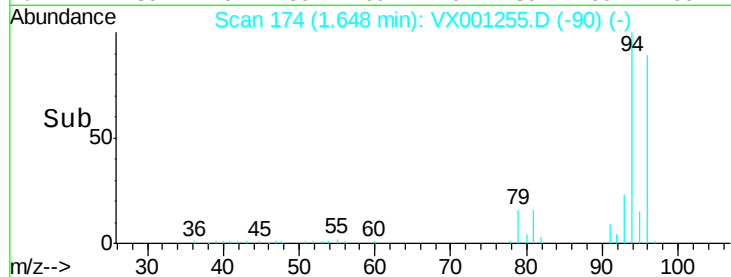
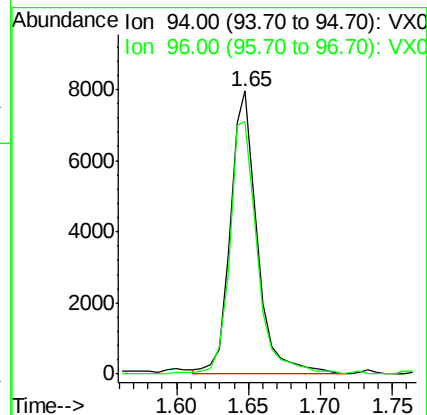
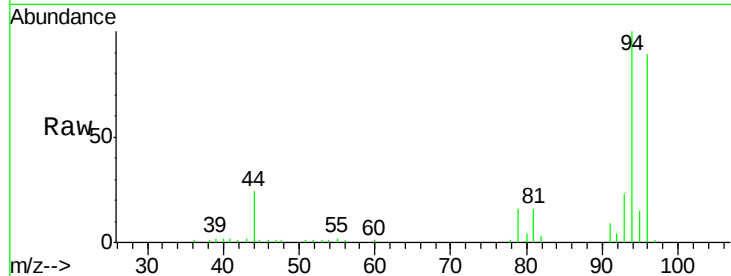
VSTDIC005

Tot Ion: 94 Resp: 10544

Ion Ratio Lower Upper

94 100

96 89.5 76.2 114.2



#6

Chloroethane

Concen: 4.197 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX001255.D

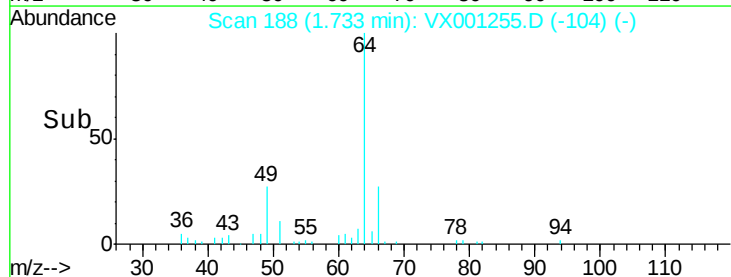
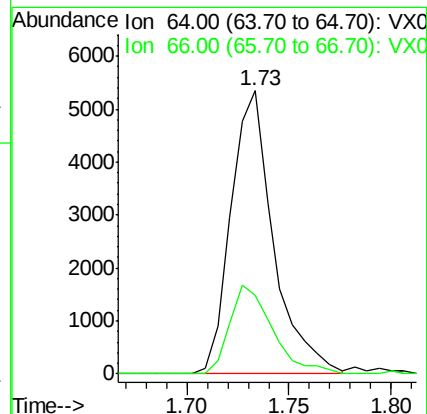
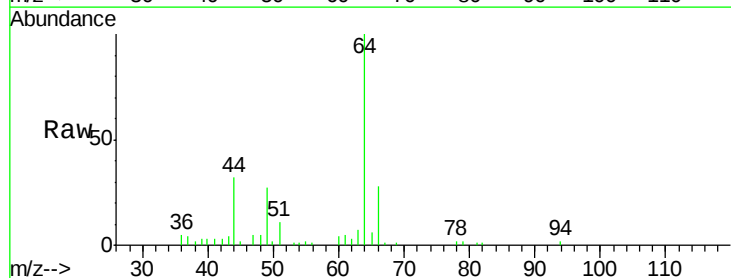
Acq: 30 Apr 2018 10:36

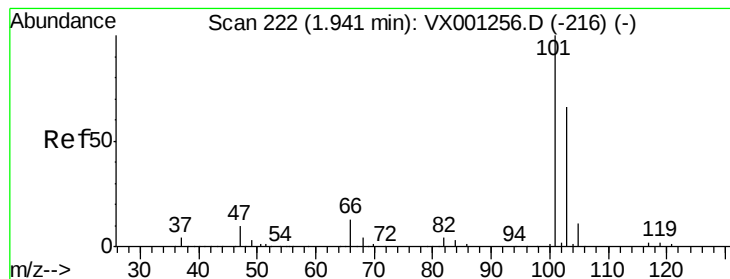
Tgt Ion: 64 Resp: 7708

Ion Ratio Lower Upper

64 100

66 27.9 25.2 37.8



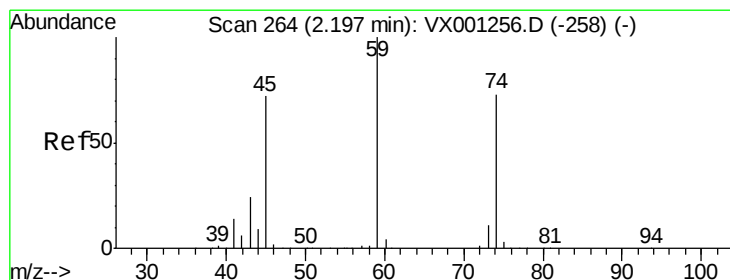
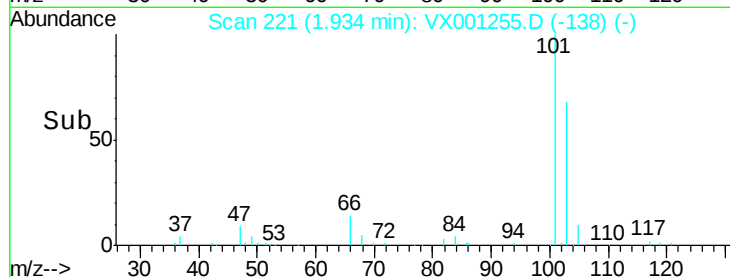
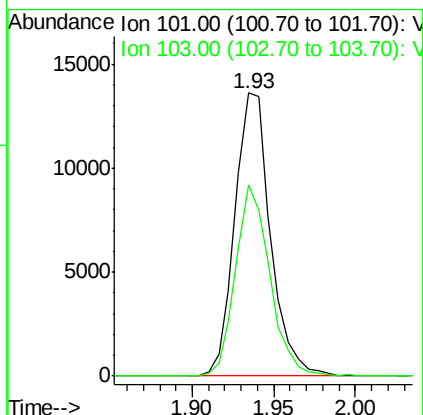
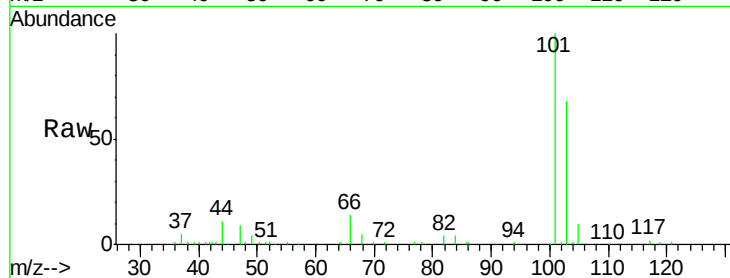


#7

Trichlorofluoromethane
 Concen: 4.186 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

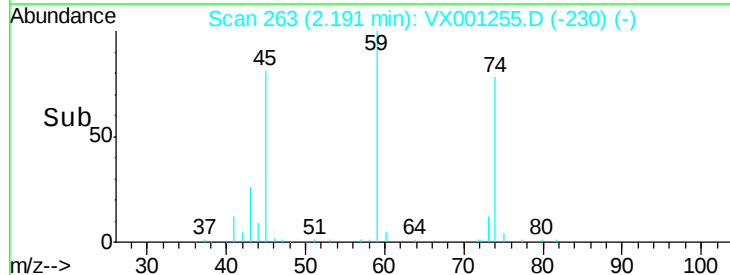
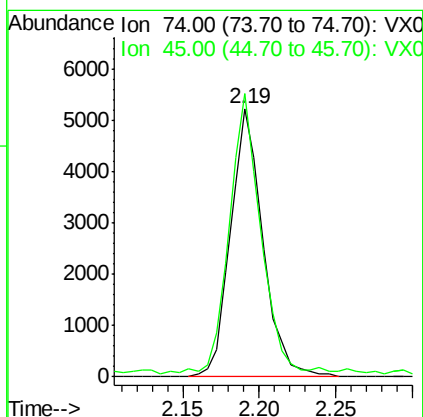
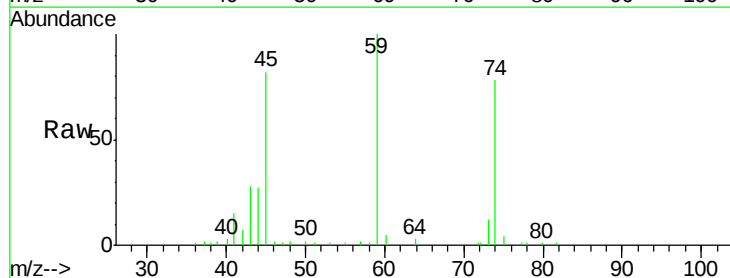
Tot Ion:101 Resp: 20808
 Ion Ratio Lower Upper
 101 100
 103 67.7 52.2 78.4

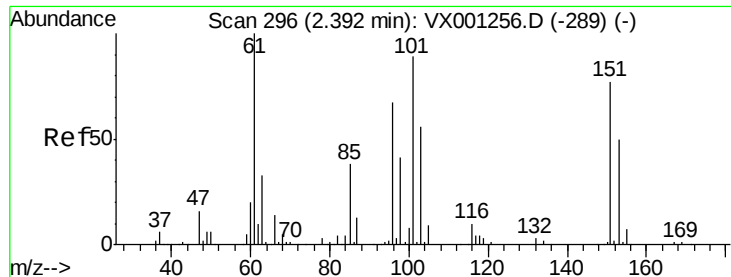


#8

Diethyl Ether
 Concen: 4.430 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion: 74 Resp: 7689
 Ion Ratio Lower Upper
 74 100
 45 101.7 17.8 159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.735 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

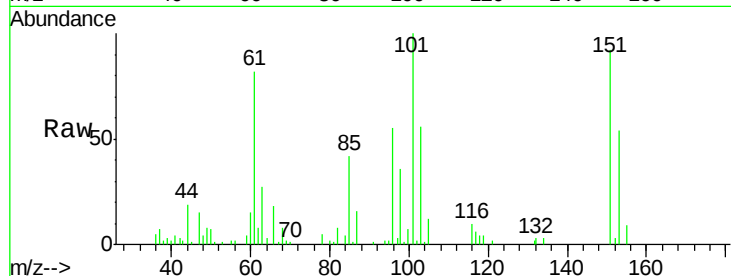
Tot Ion:101 Resp: 12841

Ion Ratio Lower Upper

101 100

85 44.1 0.0 90.4

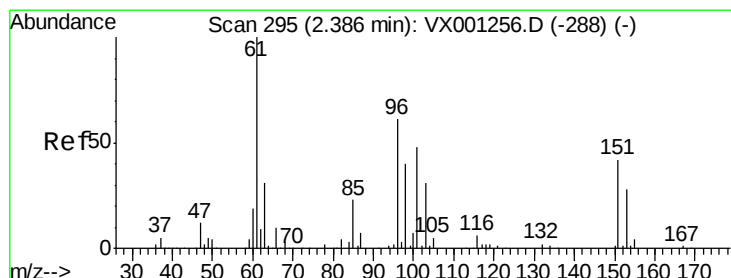
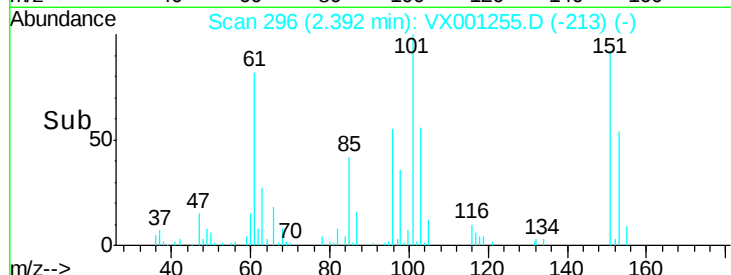
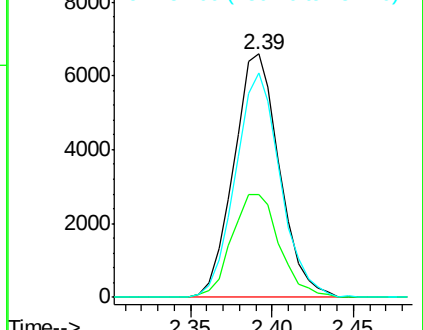
151 90.4 0.0 167.6



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: 4.316 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

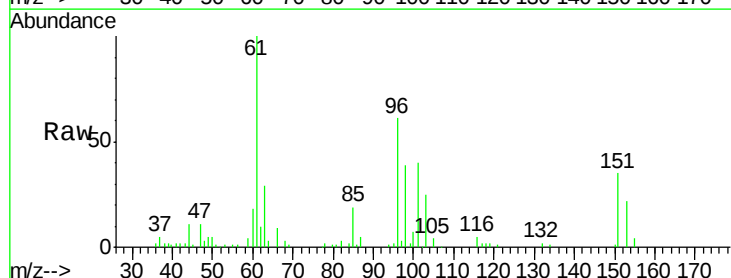
Tgt Ion: 96 Resp: 11181

Ion Ratio Lower Upper

96 100

61 163.9 118.6 178.0

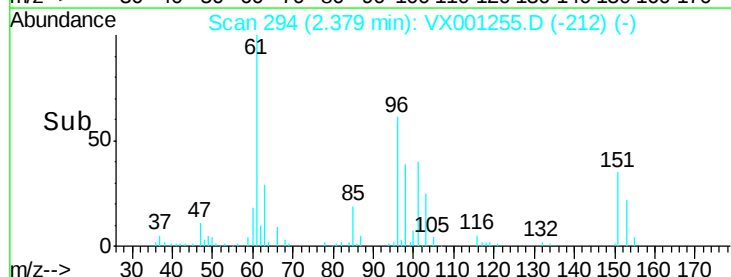
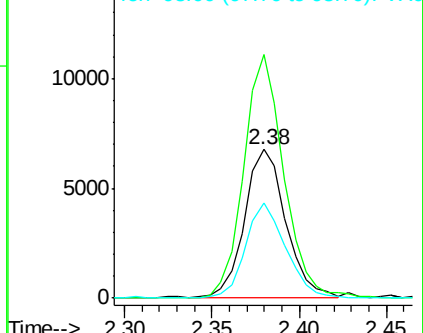
98 64.3 51.0 76.6

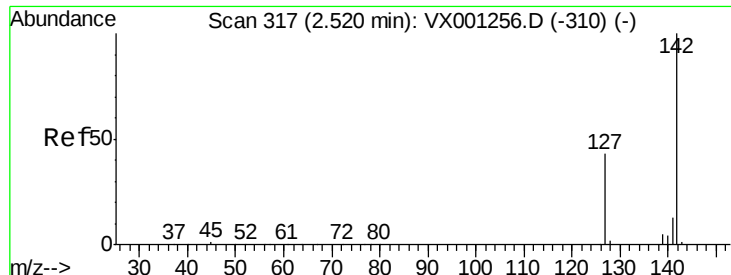


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

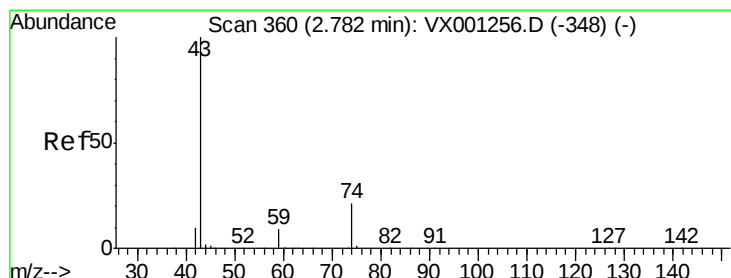
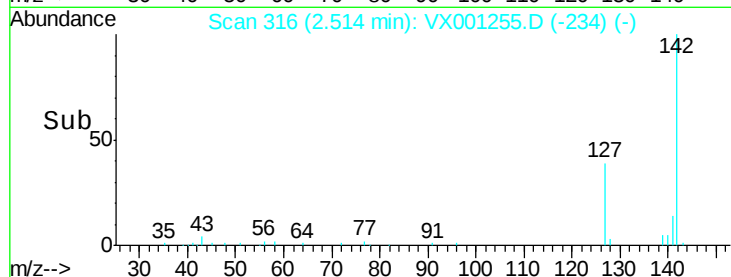
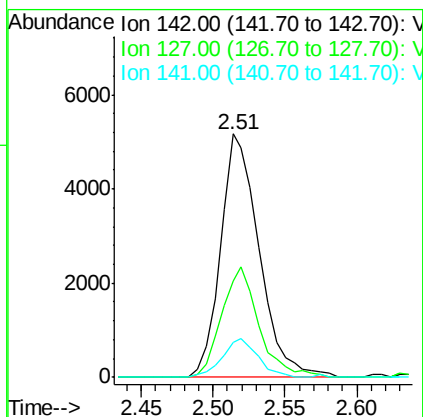
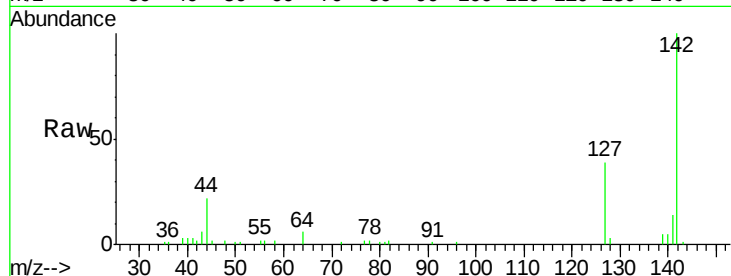




#11
Methvl Iodide
Concen: 3.848 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

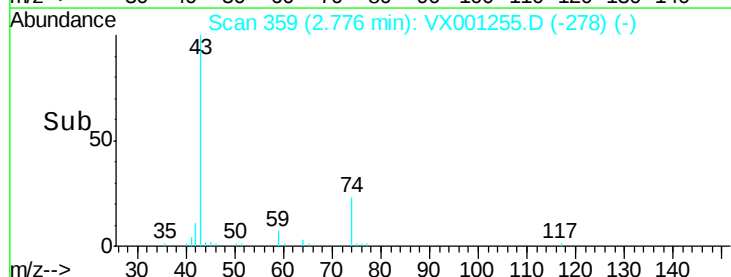
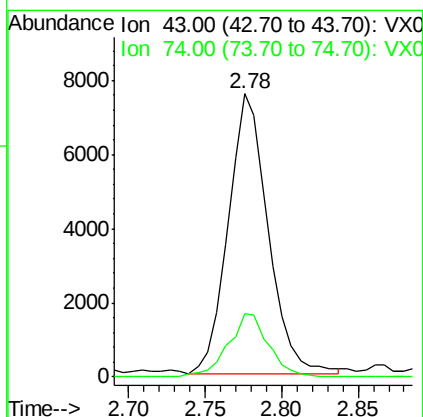
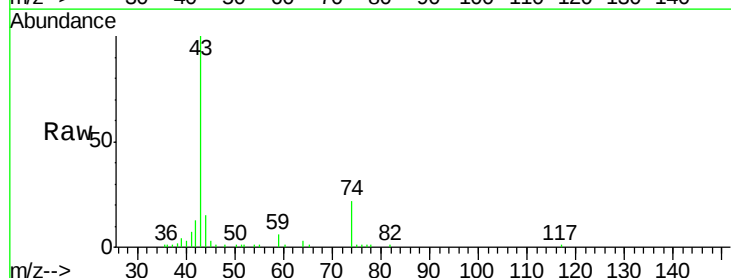
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

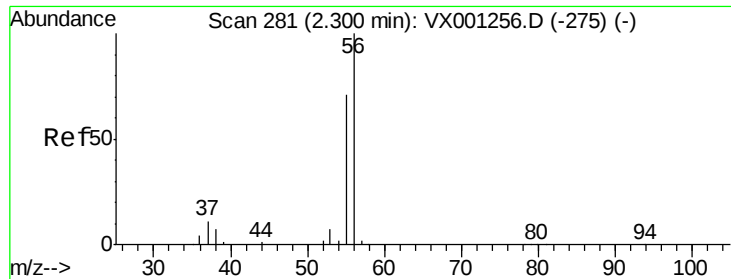
Tot Ion:142 Resp: 9687
Ion Ratio Lower Upper
142 100
127 39.4 23.8 71.5
141 14.4 8.2 24.4



#12
Methyl Acetate
Concen: 2.950 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion: 43 Resp: 13654
Ion Ratio Lower Upper
43 100
74 22.4 18.6 27.8





#13

Acrolein

Concen: 13.683 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

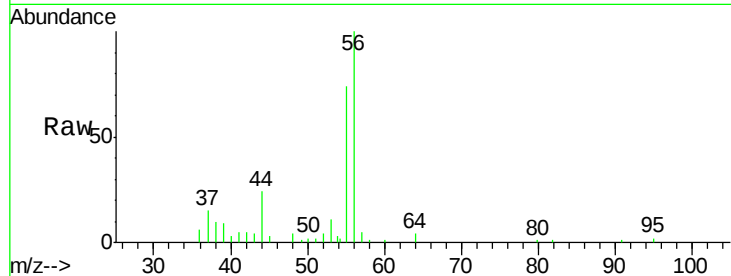
VSTDIC005

Tot Ion: 56 Resp: 7622

Ion Ratio Lower Upper

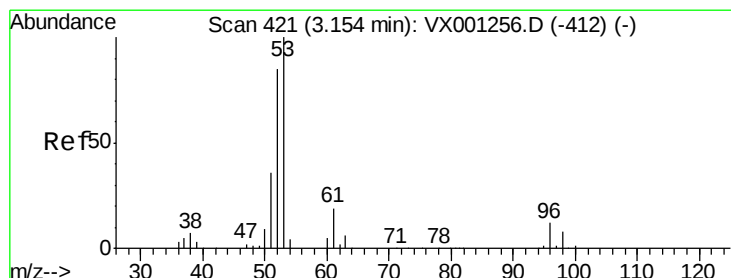
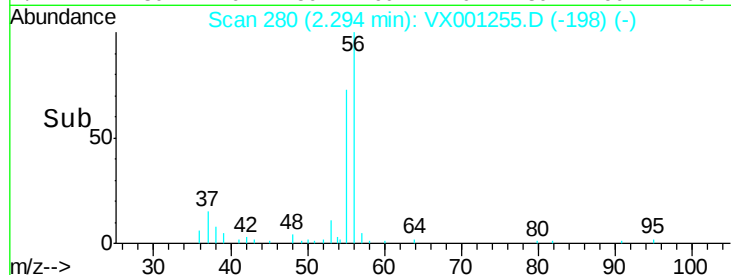
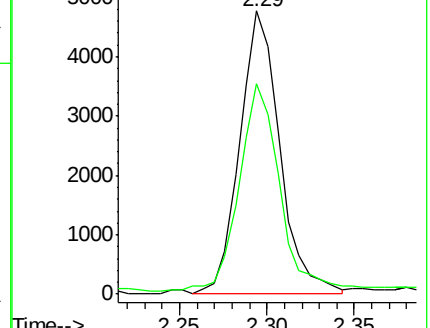
56 100

55 69.3 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 13.161 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

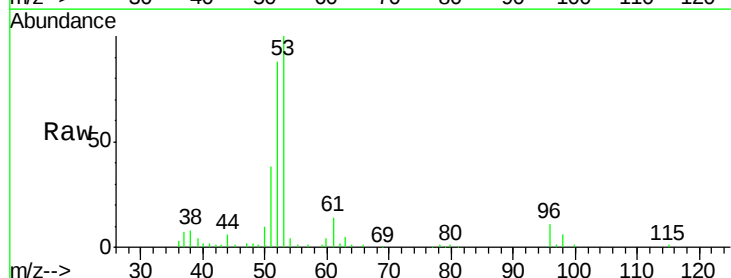
Tgt Ion: 53 Resp: 26398

Ion Ratio Lower Upper

53 100

52 83.1 41.9 125.8

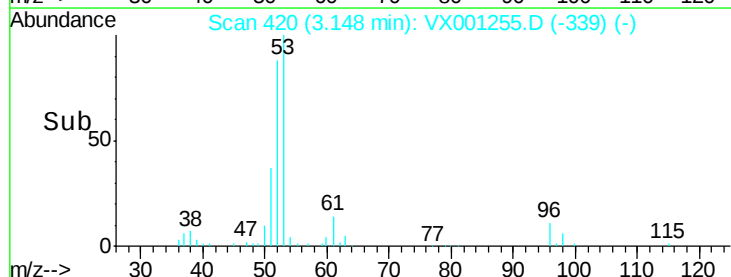
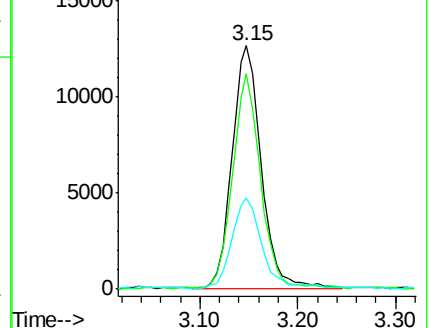
51 37.6 18.8 56.3

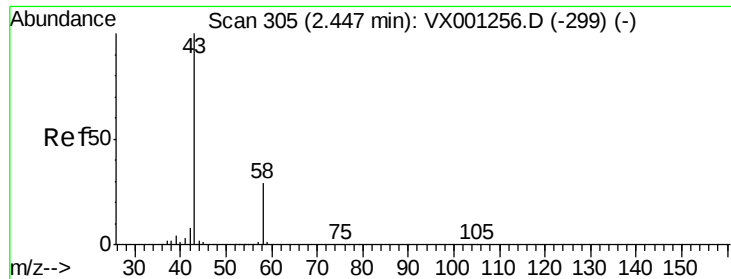


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 14.040 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

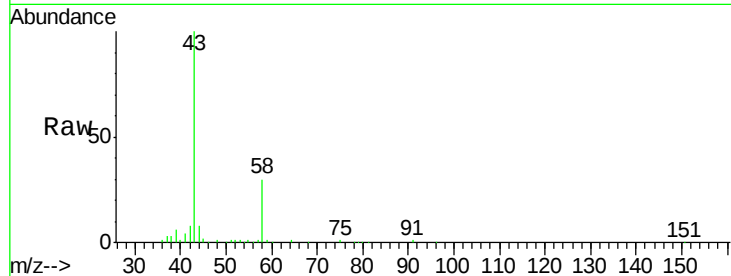
VSTDIC005

Tot Ion: 58 Resp: 9181

Ion Ratio Lower Upper

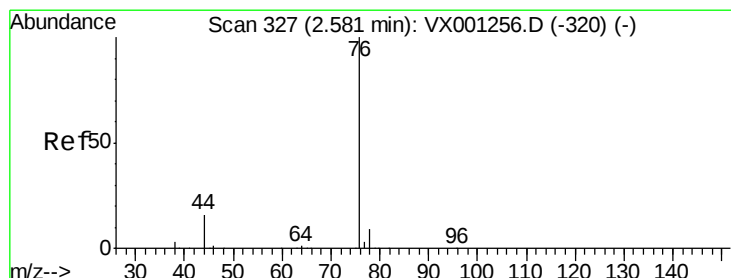
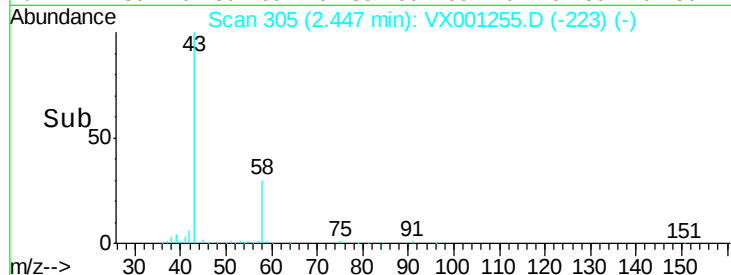
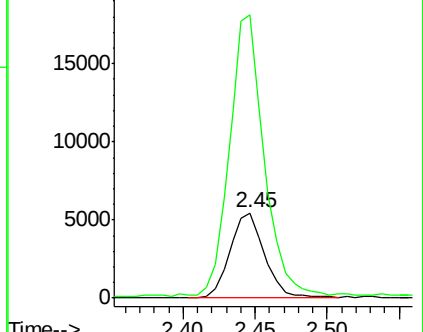
58 100

43 327.4 264.6 396.8



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 3.716 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX001255.D

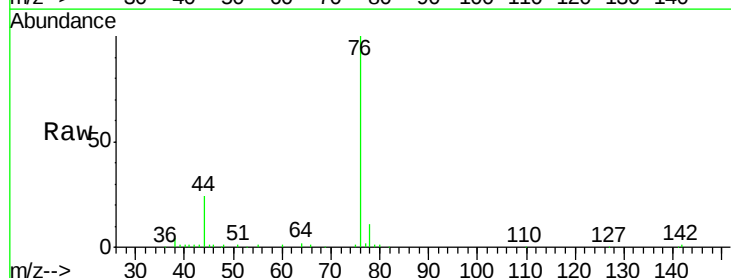
Acq: 30 Apr 2018 10:36

Tgt Ion: 76 Resp: 27529

Ion Ratio Lower Upper

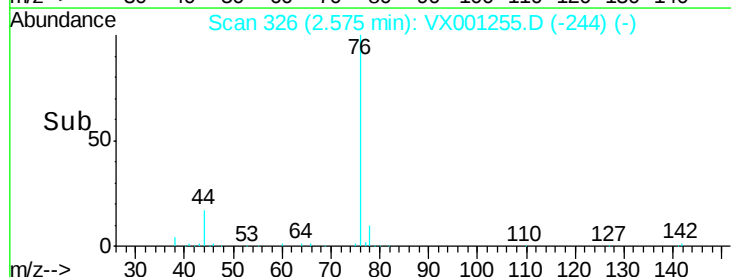
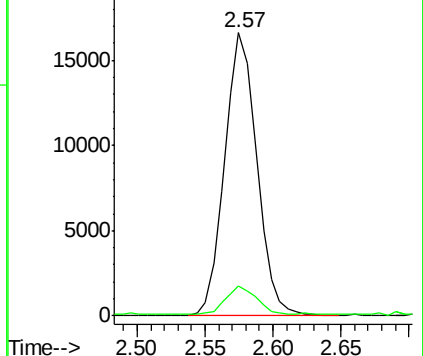
76 100

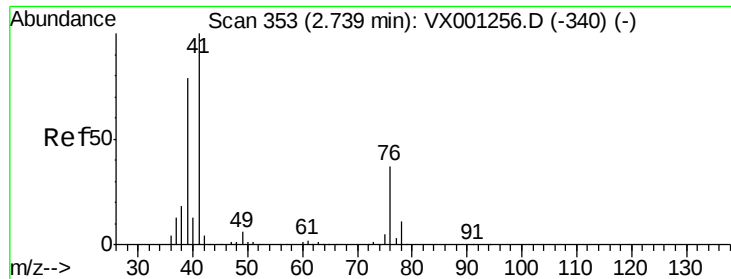
78 10.0 6.8 10.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

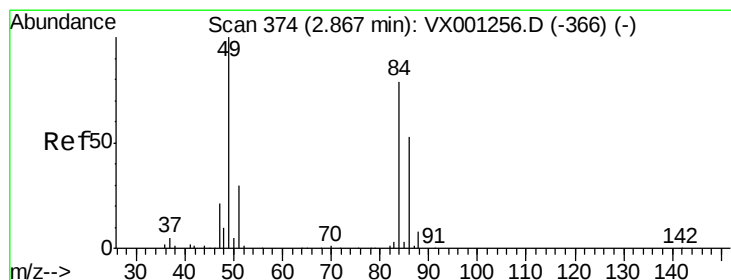
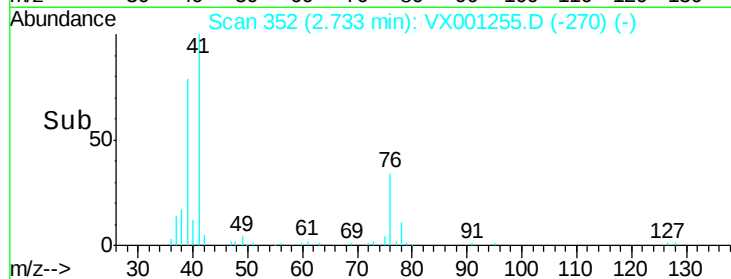
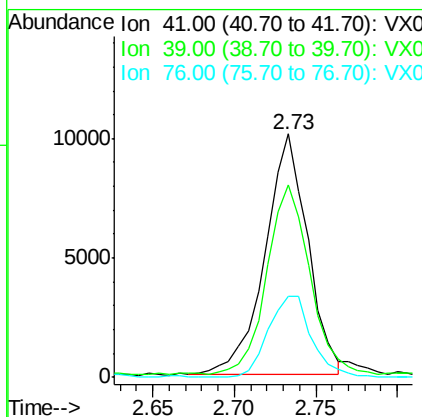
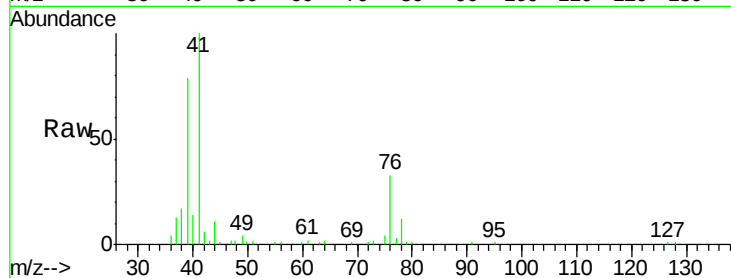




#17
Allvl chloride
Concen: 4.104 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

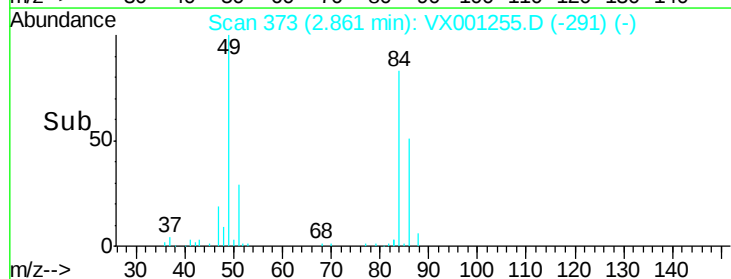
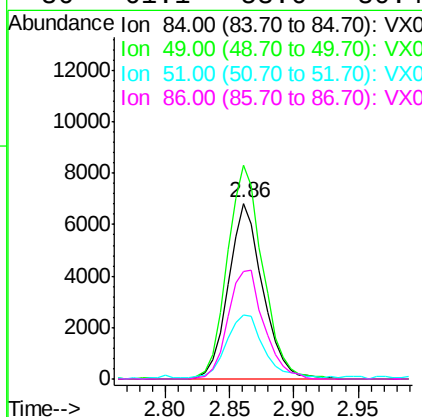
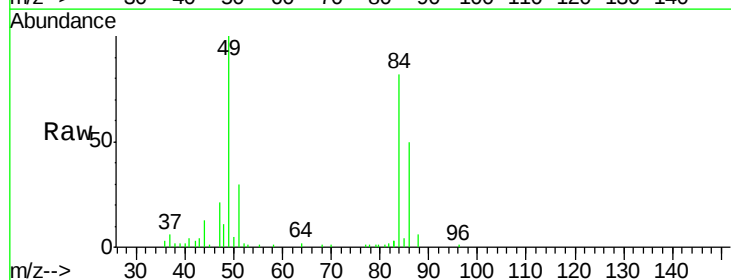
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

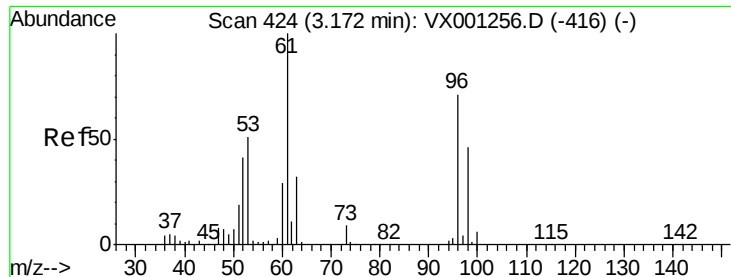
Tot Ion: 41 Resp: 18125
Ion Ratio Lower Upper
41 100
39 78.4 38.5 115.5
76 33.7 18.7 56.1



#18
Methylene Chloride
Concen: 4.518 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion: 84 Resp: 12754
Ion Ratio Lower Upper
84 100
49 121.4 103.3 154.9
51 35.5 31.2 46.8
86 61.1 53.6 80.4

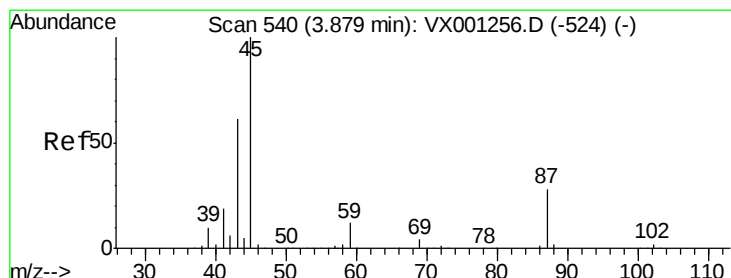
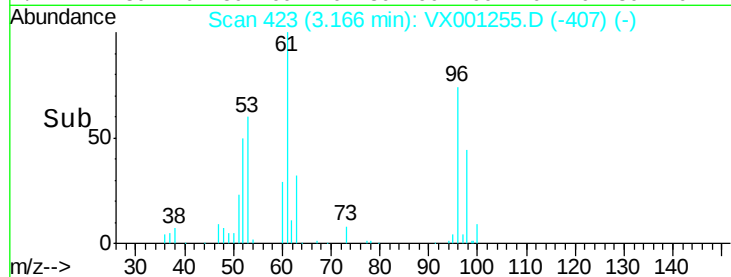
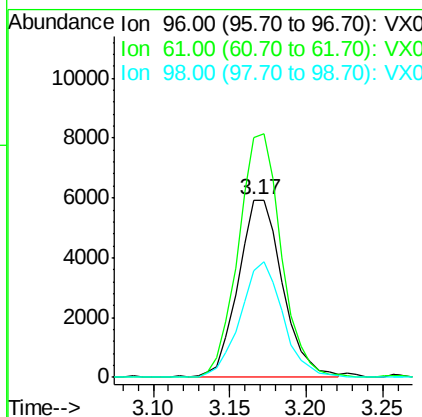
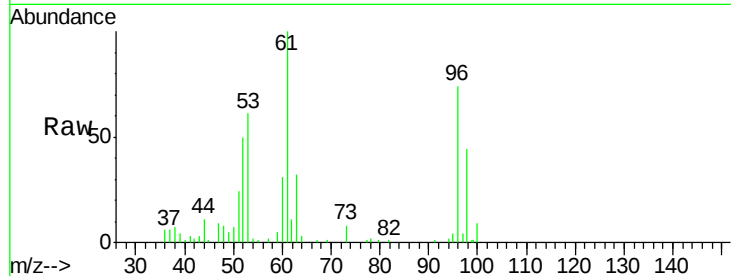




#19
trans-1,2-Dichloroethene
Concen: 4.255 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

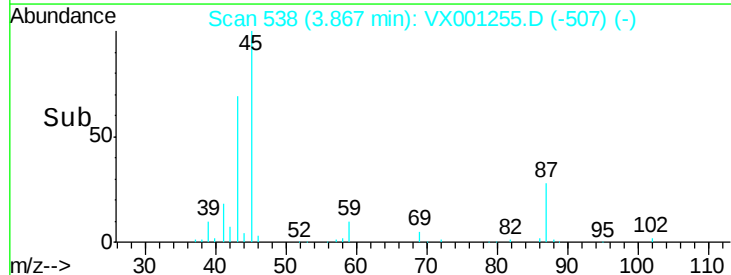
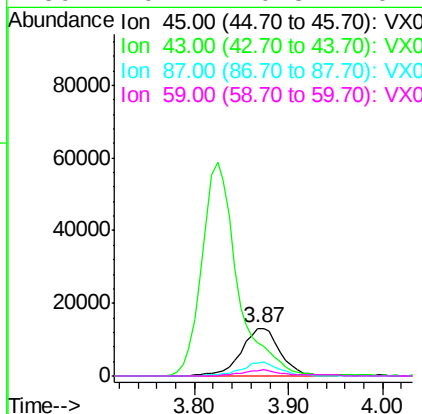
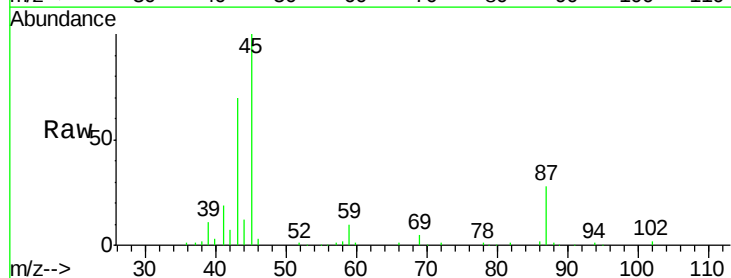
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

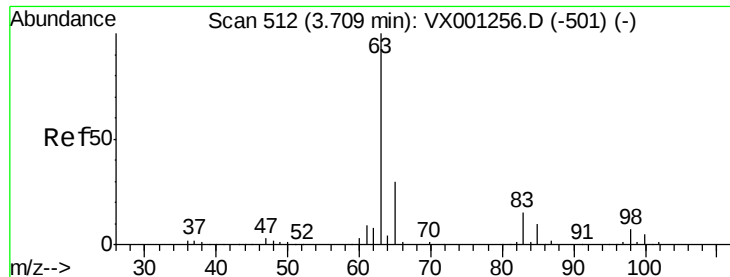
Tot Ion: 96 Resp: 11993
Ion Ratio Lower Upper
96 100
61 134.7 101.0 151.6
98 59.8 53.3 79.9



#20
Diisopropyl ether
Concen: 5.355 ug/l
RT: 3.87 min Scan# 538
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion: 45 Resp: 37340
Ion Ratio Lower Upper
45 100
43 68.8 49.6 74.4
87 27.8 23.1 34.7
59 9.7 10.8 16.2#

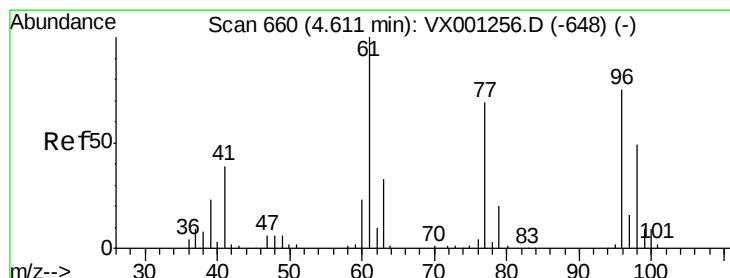
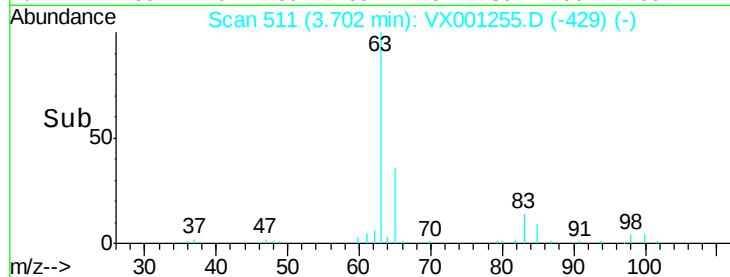
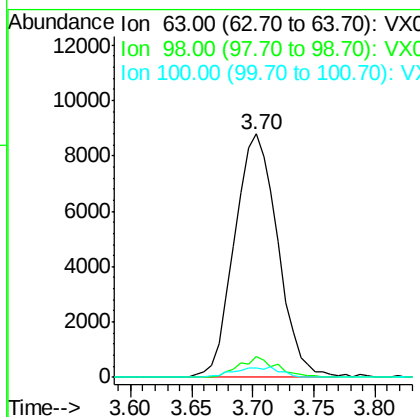
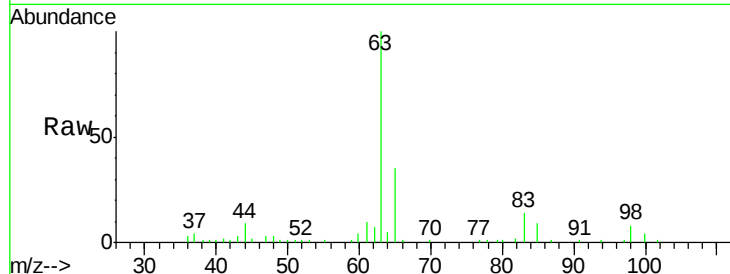




#21
 1,1-Dichloroethane
 Concen: 4.692 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

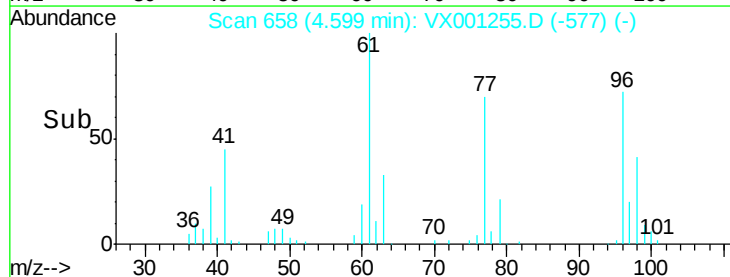
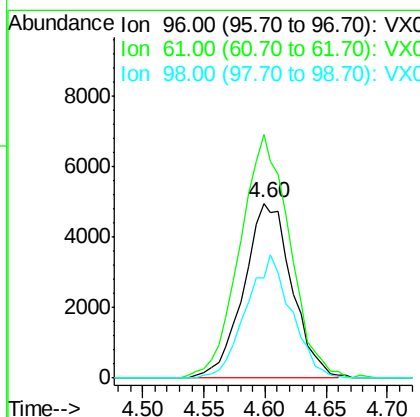
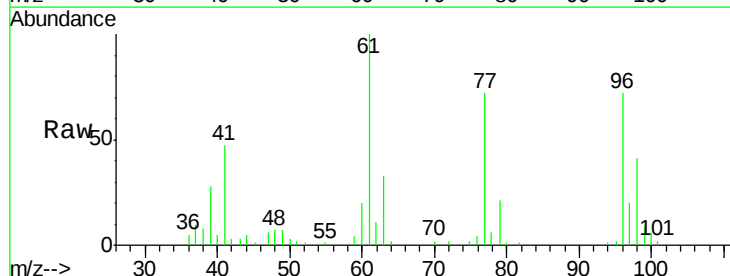
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

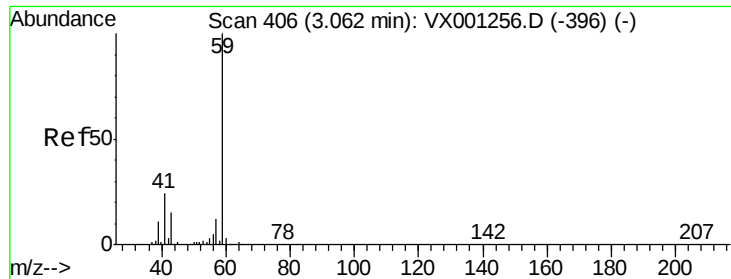
Tot Ion:	63	Resp:	21565
Ion	Ratio	Lower	Upper
63	100		
98	8.4	3.3	9.9
100	4.0	2.1	6.5



#22
 cis-1,2-Dichloroethene
 Concen: 5.212 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion:	96	Resp:	13647
Ion	Ratio	Lower	Upper
96	100		
61	143.1	113.5	170.3
98	65.9	51.8	77.8

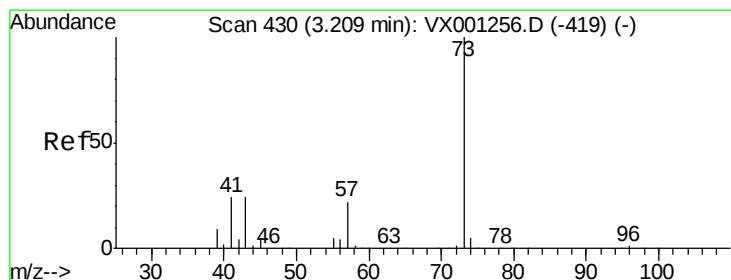
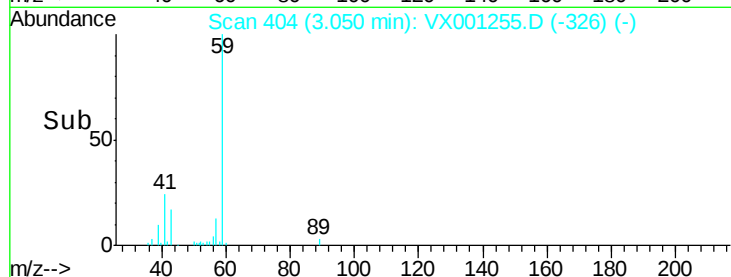
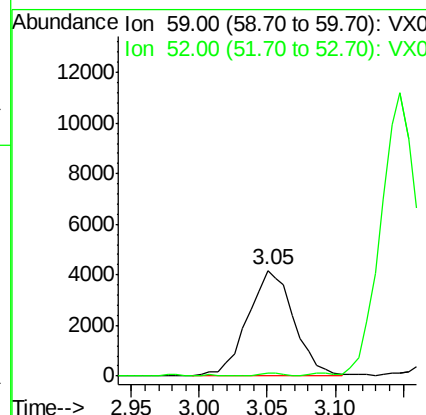
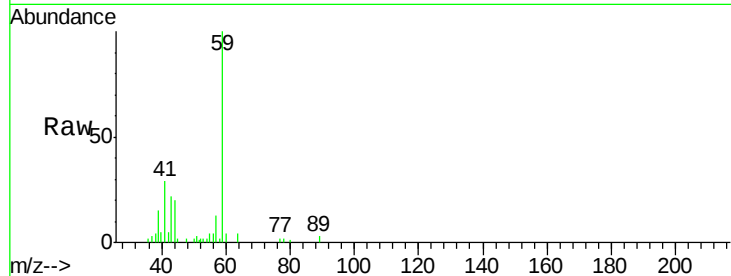




#23
 tert-Butyl Alcohol
 Concen: 8.670 ug/l
 RT: 3.05 min Scan# 404
 Delta R.T. -0.02 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

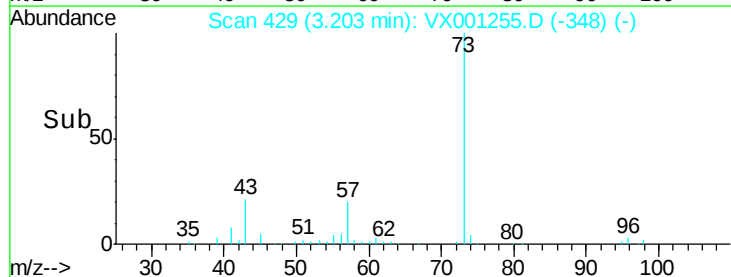
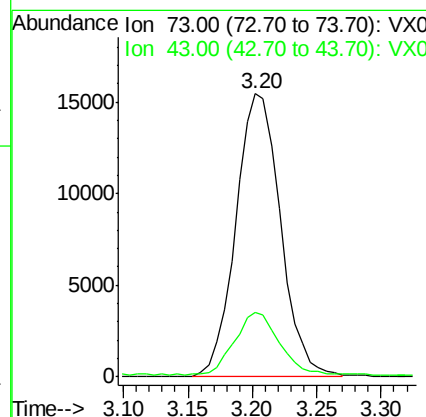
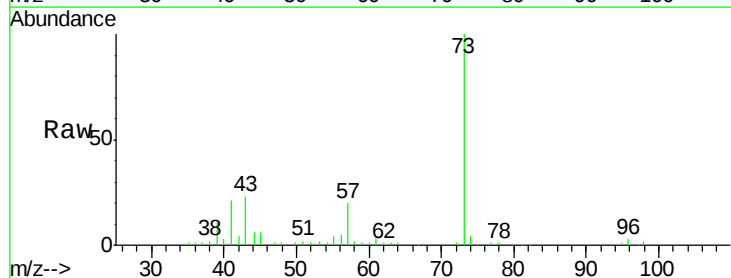
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

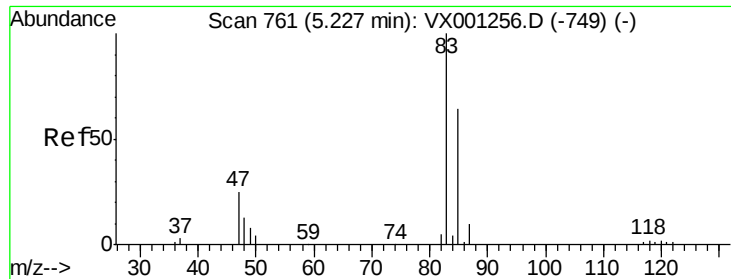
Tot Ion: 59 Resp: 9940
 Ion Ratio Lower Upper
 59 100
 52 1.3 0.1 0.1#



#24
 Methyl tert-Butyl Ether
 Concen: 4.173 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion: 73 Resp: 37246
 Ion Ratio Lower Upper
 73 100
 43 21.9 16.5 24.7

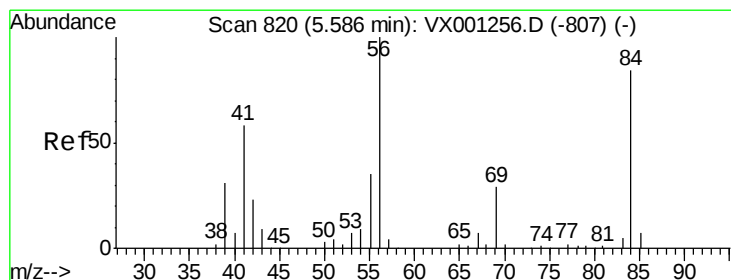
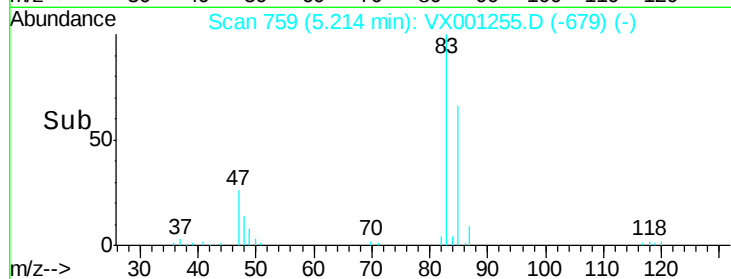
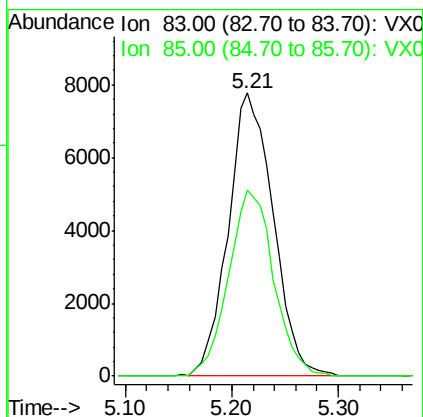
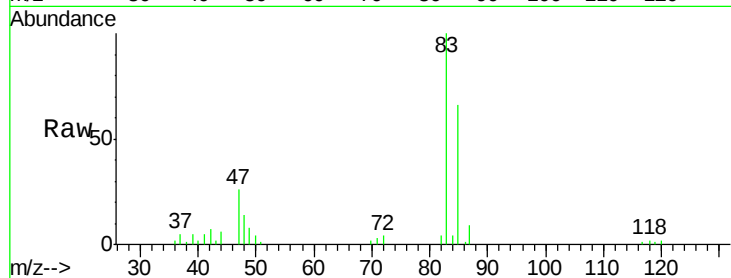




#25
Chloroform
Concen: 5.050 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

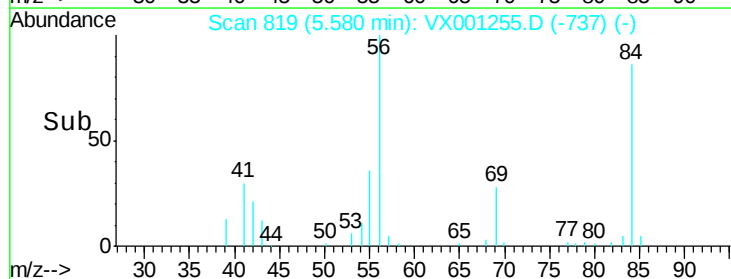
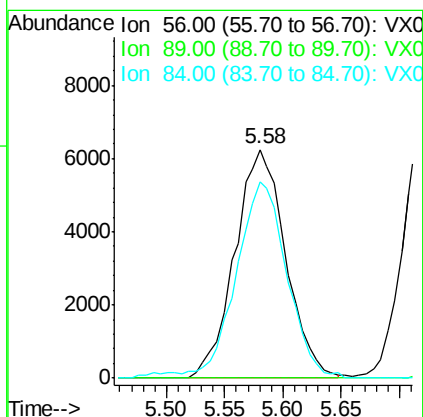
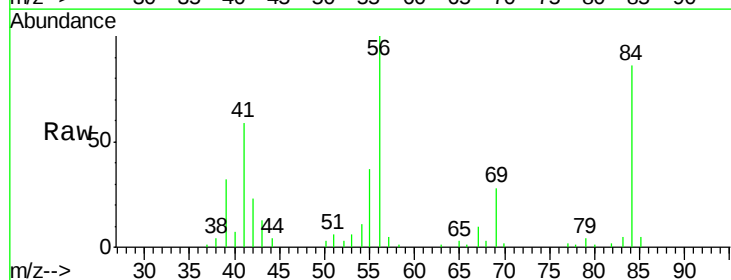
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

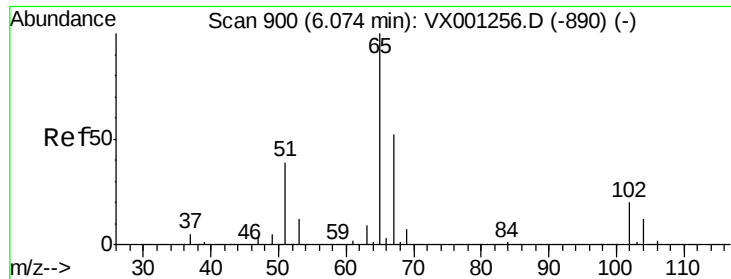
Tot Ion: 83 Resp: 23015
Ion Ratio Lower Upper
83 100
85 65.8 52.5 78.7



#26
Cyclohexane
Concen: 5.236 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion: 56 Resp: 18871
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.0 74.8 112.2

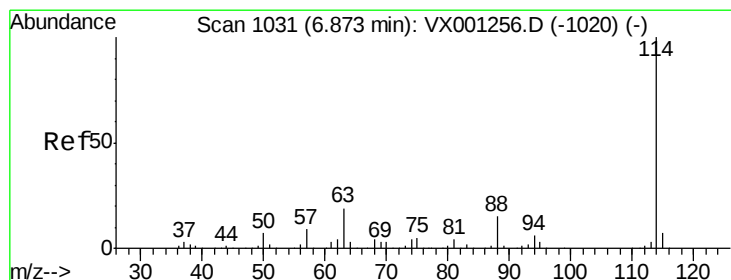
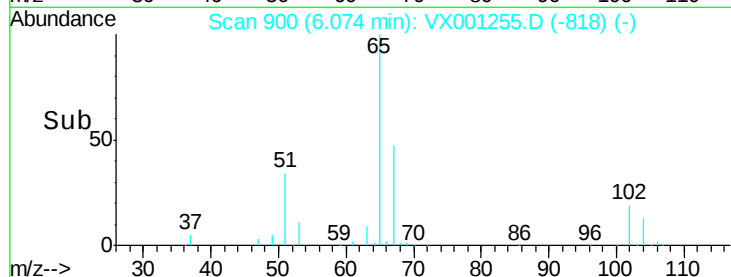
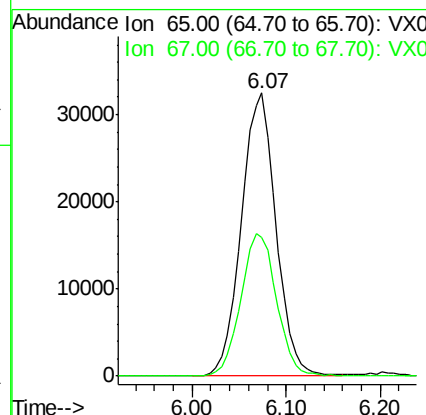
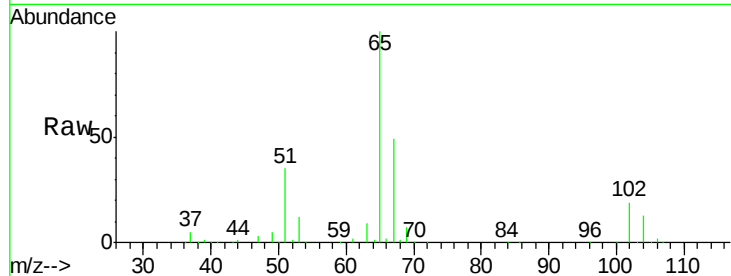




#27
 1,2-Dichloroethane-d4
 Concen: 27.833 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

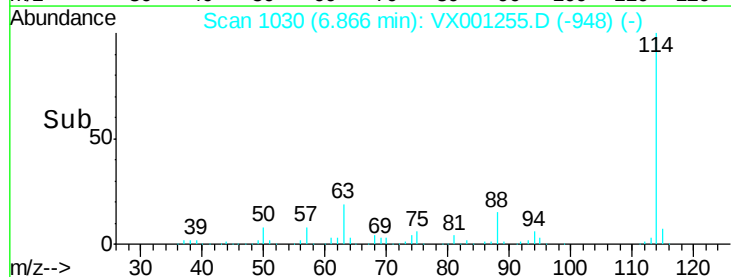
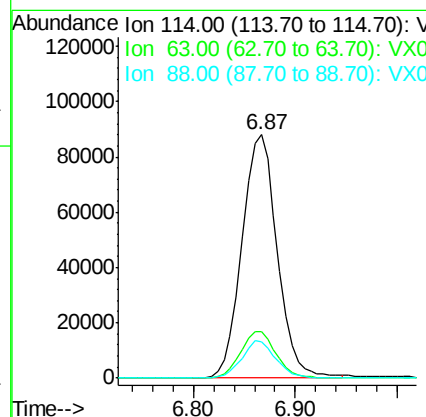
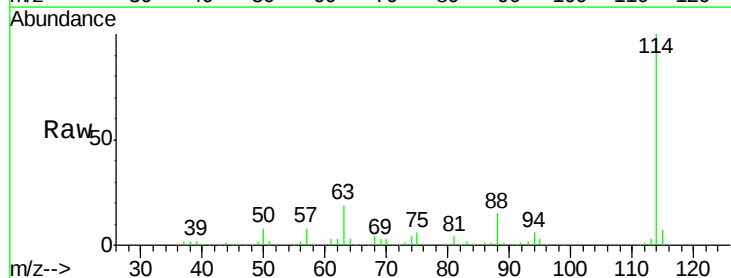
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

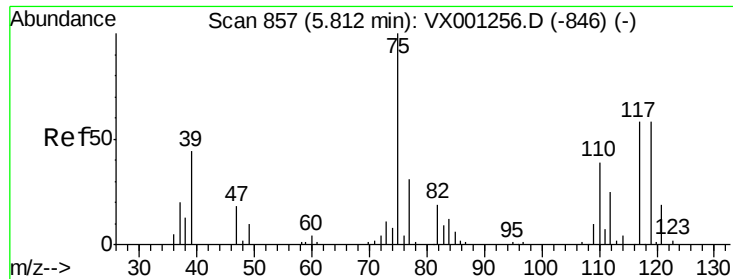
Tot Ion: 65 Resp: 83509
 Ion Ratio Lower Upper
 65 100
 67 51.8 41.4 62.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion: 114 Resp: 211620
 Ion Ratio Lower Upper
 114 100
 63 19.2 15.0 22.4
 88 14.5 11.8 17.8

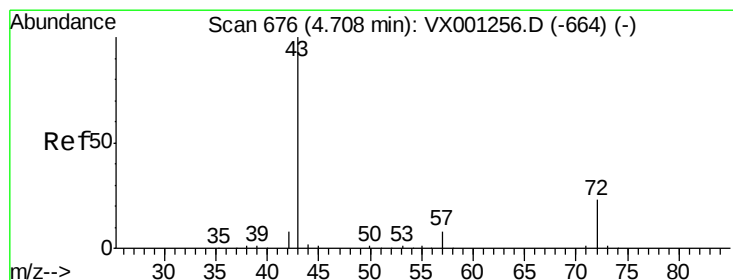
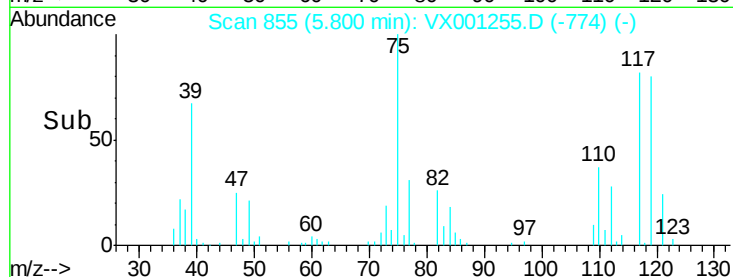
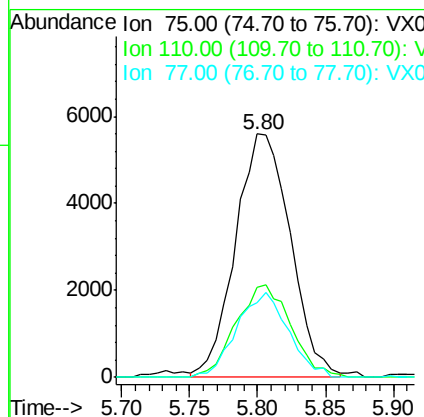
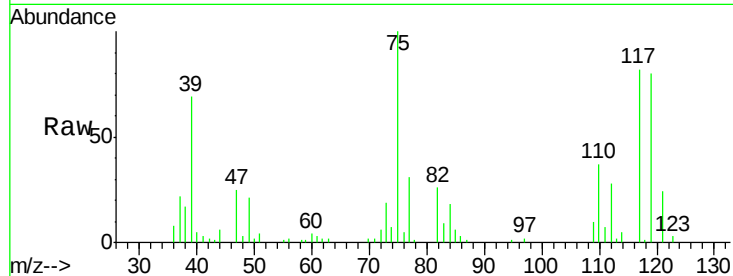




#29
 1,1-Dichloropropene
 Concen: 5.121 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

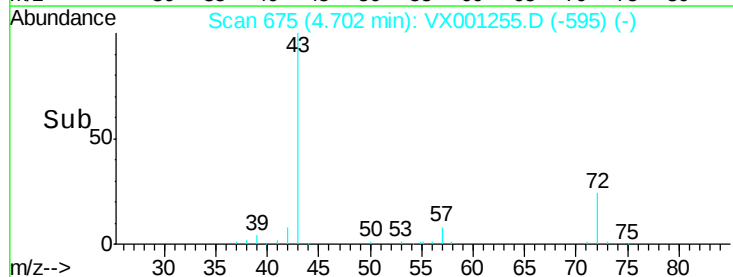
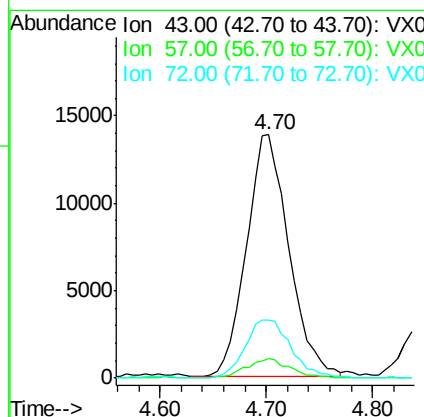
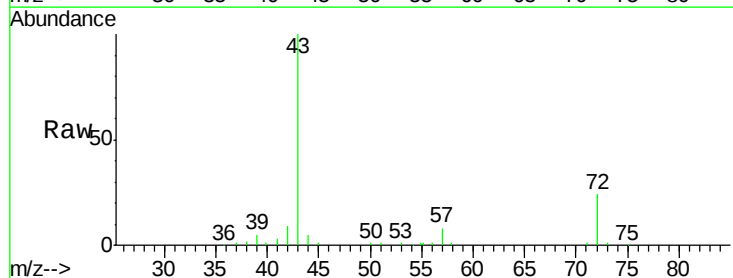
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

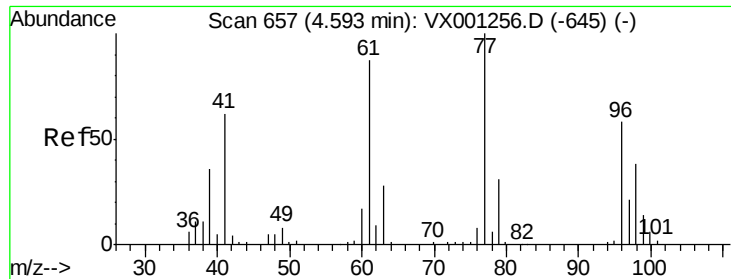
Tot Ion: 75 Resp: 15783
 Ion Ratio Lower Upper
 75 100
 110 37.9 0.0 75.6
 77 32.8 0.0 62.6



#30
 2-Butanone
 Concen: 16.376 ug/l
 RT: 4.70 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion: 43 Resp: 38846
 Ion Ratio Lower Upper
 43 100
 57 8.1 6.6 10.0
 72 25.8 21.8 32.6

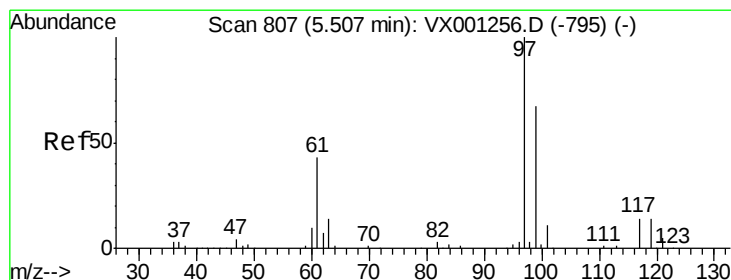
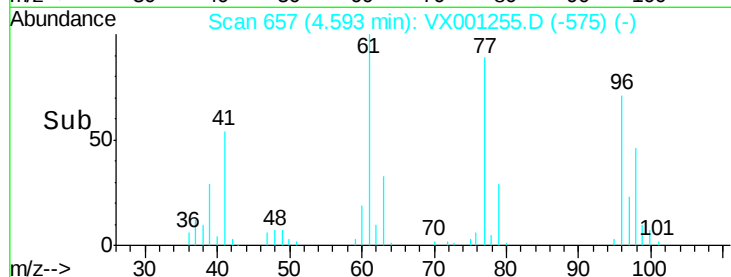
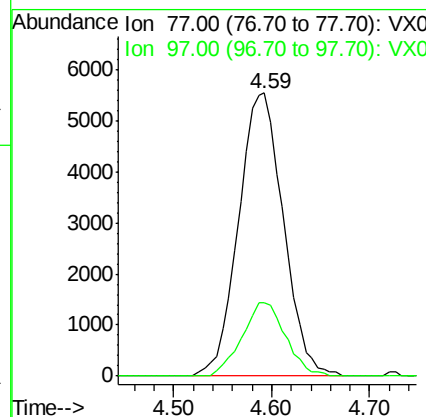
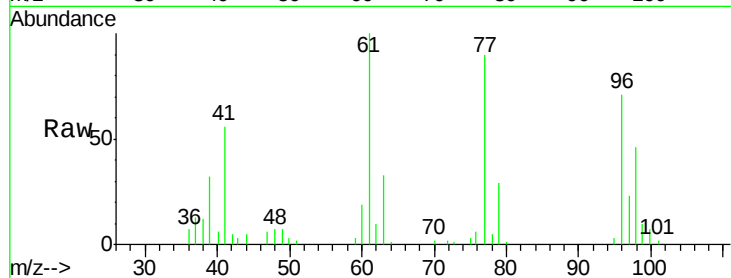




#31
 2,2-Dichloropropane
 Concen: 5.326 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

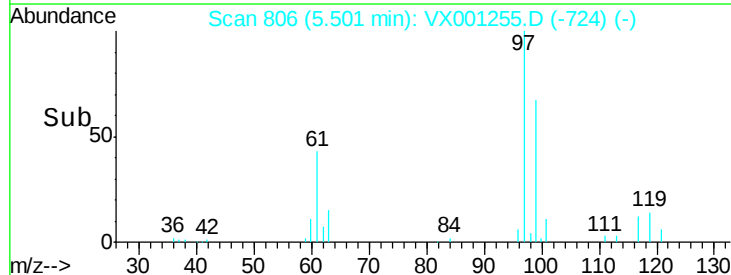
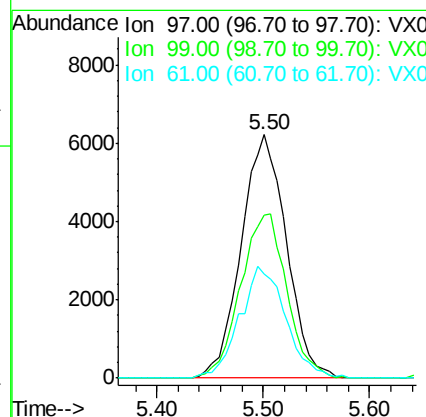
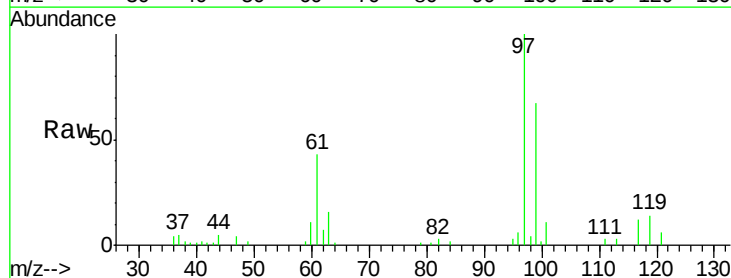
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

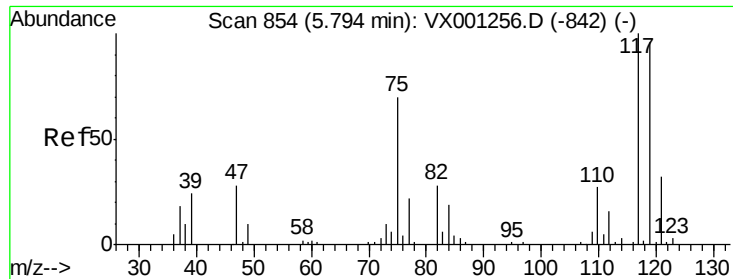
Tot Ion: 77 Resp: 17656
 Ion Ratio Lower Upper
 77 100
 97 25.3 18.6 27.8



#32
 1,1,1-Trichloroethane
 Concen: 4.978 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion: 97 Resp: 18562
 Ion Ratio Lower Upper
 97 100
 99 68.7 52.3 78.5
 61 46.5 34.3 51.5





#33

Carbon Tetrachloride

Concen: 5.069 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

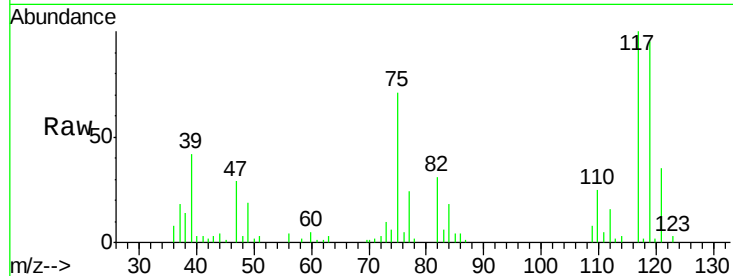
Tot Ion:117 Resp: 16786

Ion Ratio Lower Upper

117 100

119 94.7 73.5 110.3

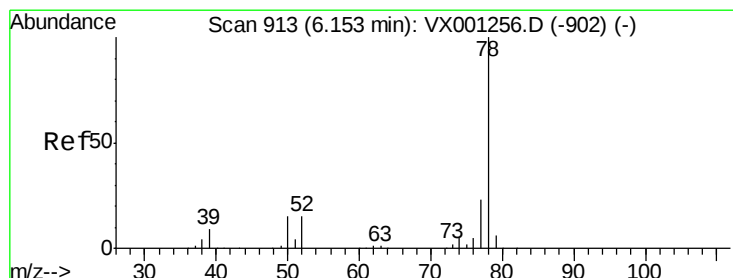
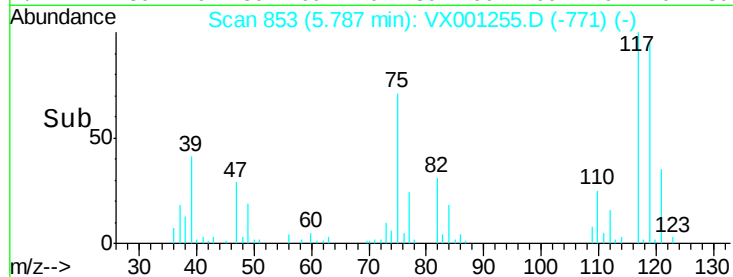
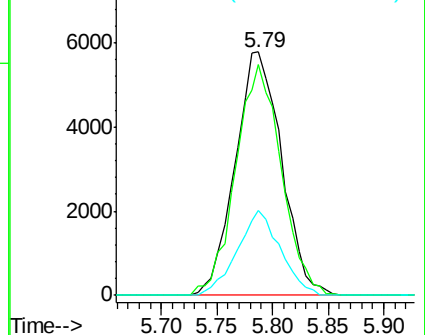
121 35.0 24.6 37.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 5.439 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

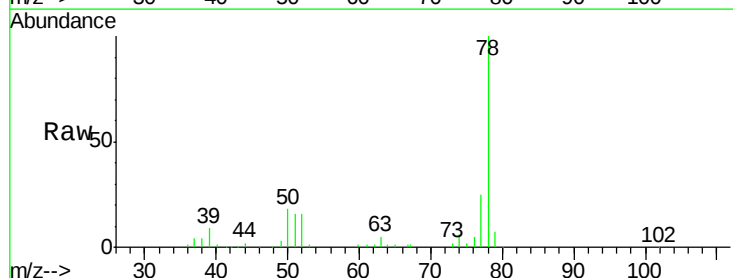
Tgt Ion: 78 Resp: 48232

Ion Ratio Lower Upper

78 100

77 25.4 21.7 32.5

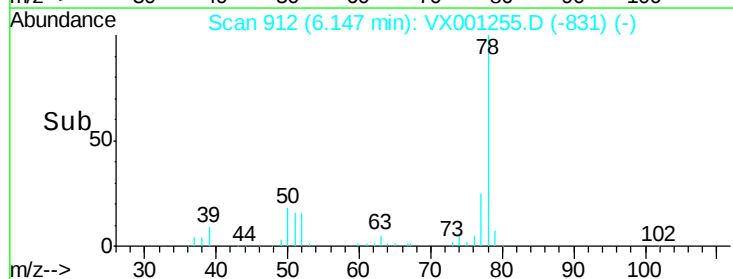
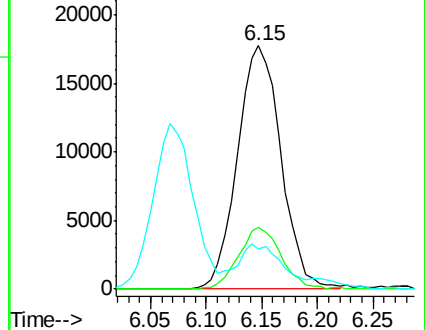
51 13.9 14.9 22.3#

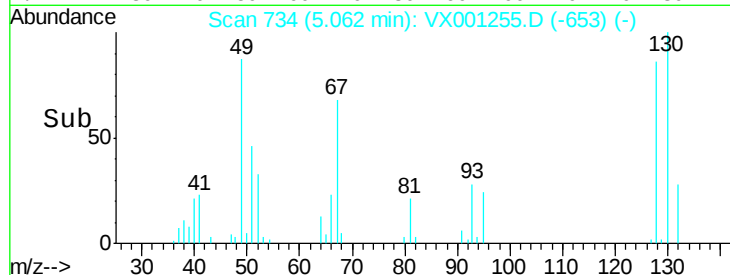
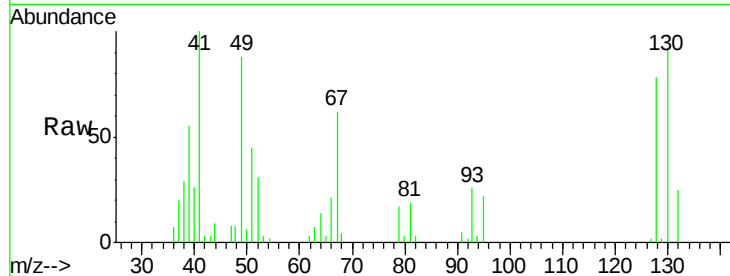
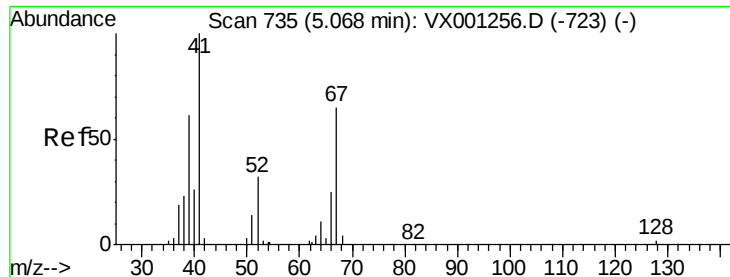


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

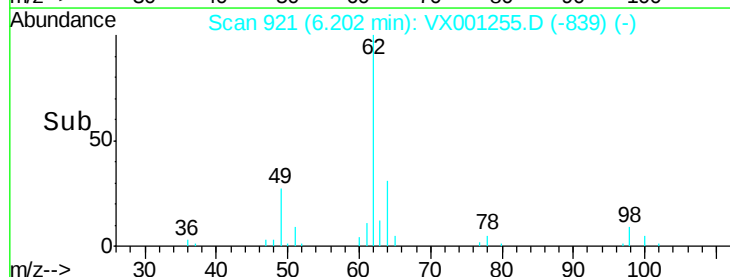
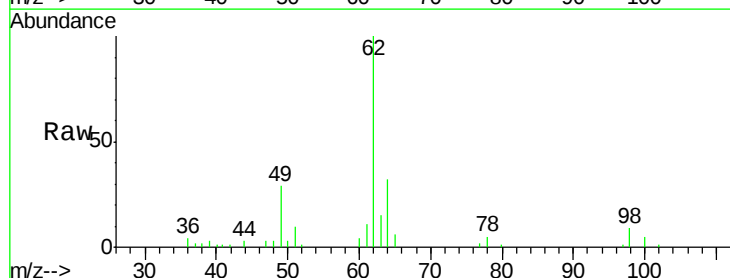
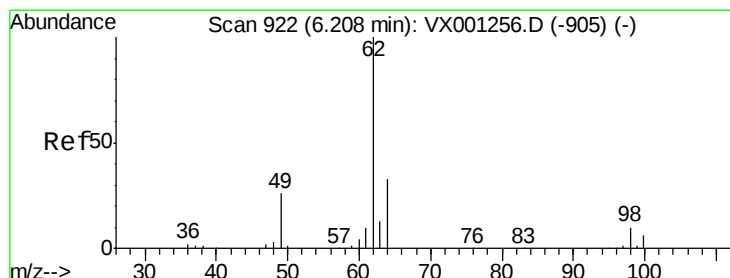
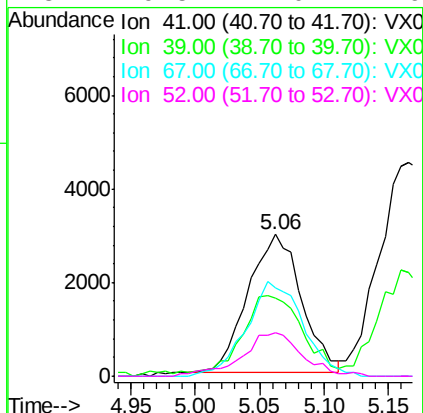




#35
Methacrylonitrile
Concen: 3.924 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

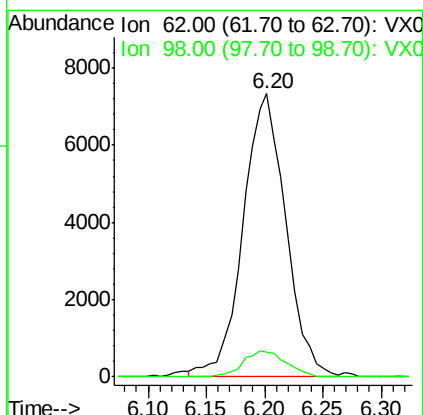
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

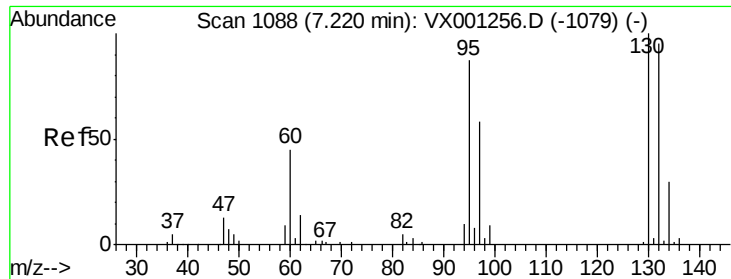
Tot Ion:	41	Resp:	8571
Ion	Ratio	Lower	Upper
41	100		
39	53.0	29.8	89.3
67	63.6	28.7	86.3
52	29.5	14.0	41.9



#36
1,2-Dichloroethane
Concen: 5.576 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion:	62	Resp:	18752
Ion	Ratio	Lower	Upper
62	100		
98	9.3	6.9	10.3

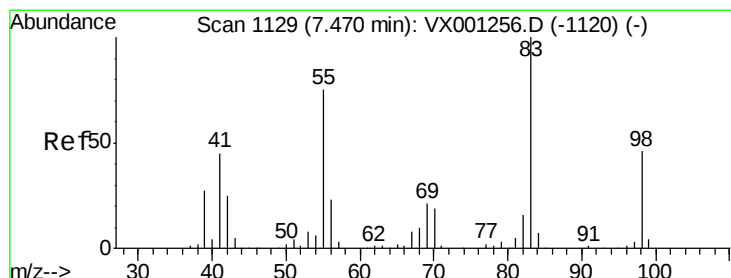
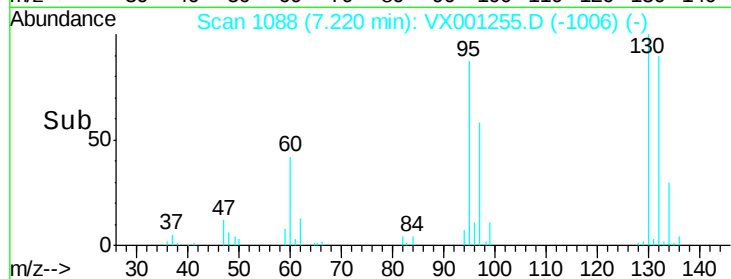
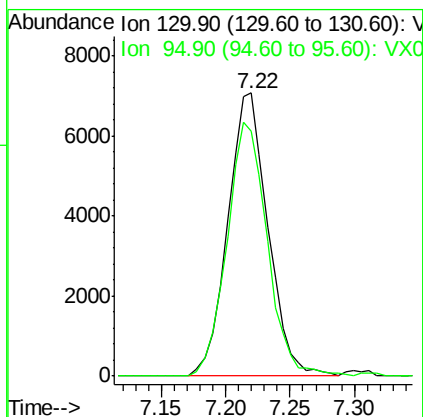
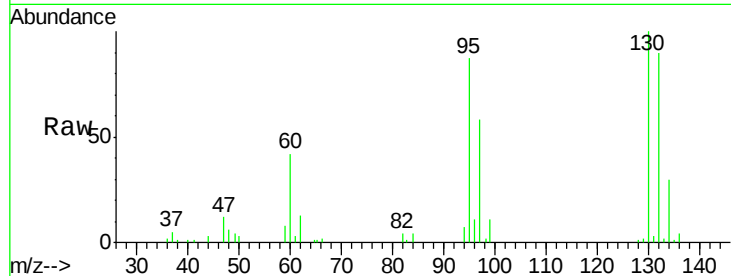




#37
 Trichloroethene
 Concen: 5.852 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

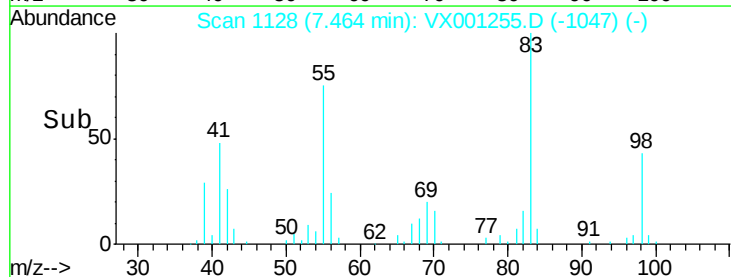
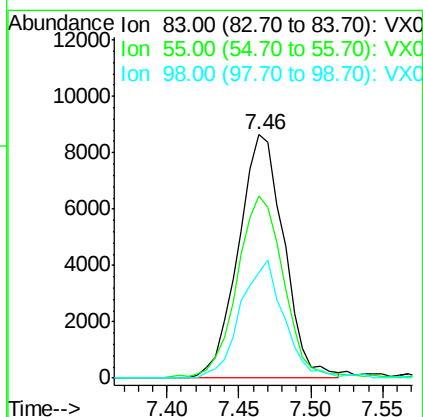
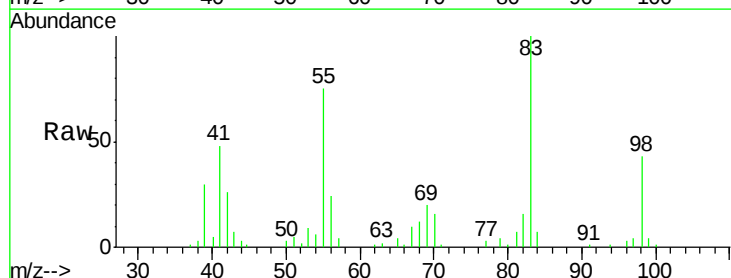
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

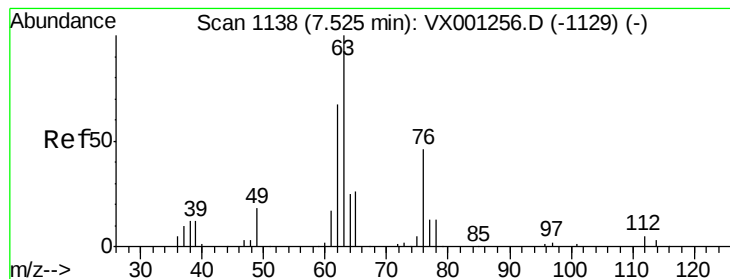
Tot Ion:130 Resp: 15340
 Ion Ratio Lower Upper
 130 100
 95 86.7 74.6 112.0



#38
 Methylcyclohexane
 Concen: 5.134 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion: 83 Resp: 18966
 Ion Ratio Lower Upper
 83 100
 55 76.3 35.9 107.7
 98 46.1 24.6 74.0





#39

1,2-Dichloropropane

Concen: 5.612 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

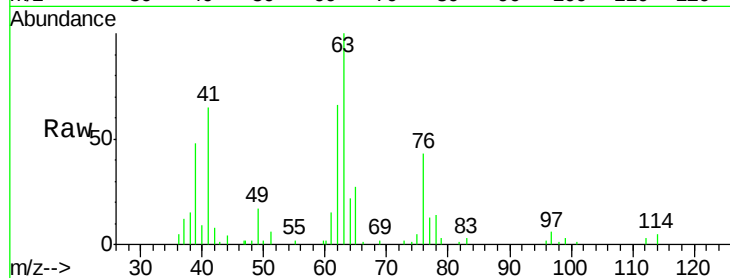
VSTDIC005

Tot Ion: 63 Resp: 12424

Ion Ratio Lower Upper

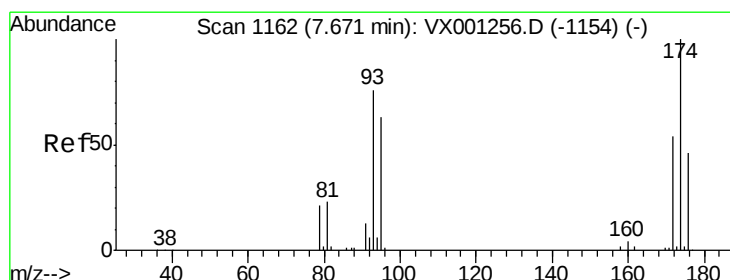
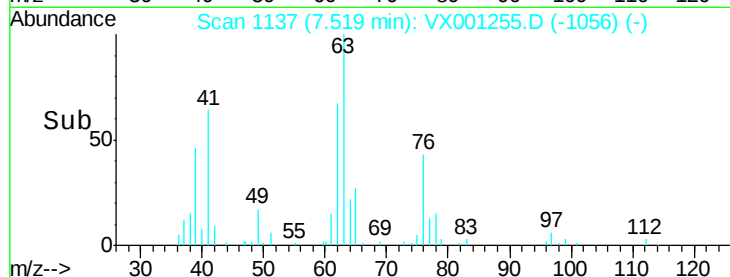
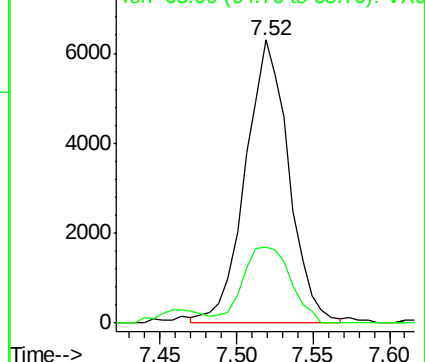
63 100

65 27.2 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: 5.006 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

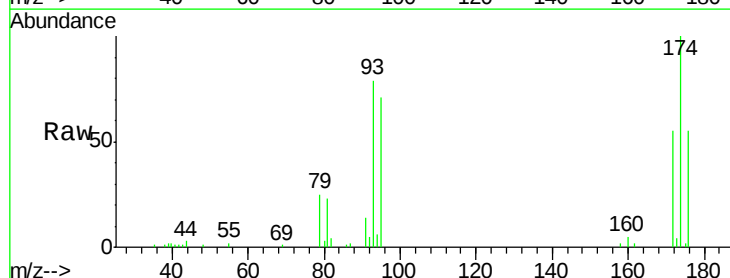
Tgt Ion: 93 Resp: 8539

Ion Ratio Lower Upper

93 100

95 82.8 0.0 170.6

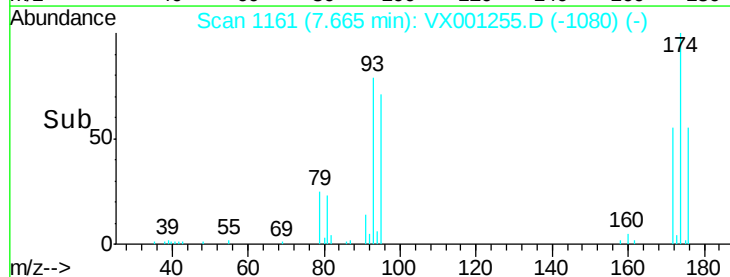
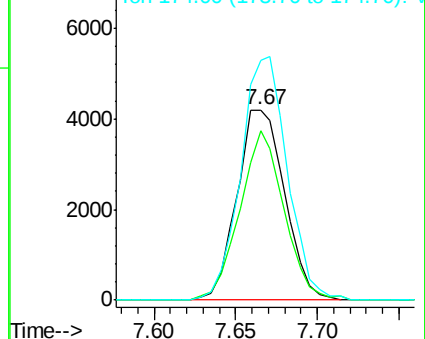
174 125.0 0.0 210.4

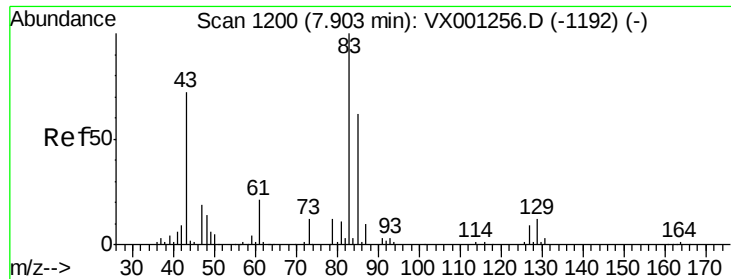


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 4.591 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

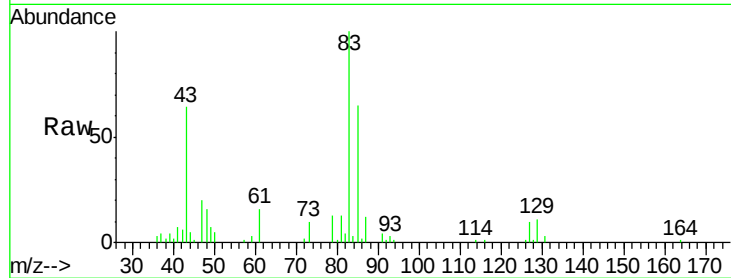
Tot Ion: 83 Resp: 14885

Ion Ratio Lower Upper

83 100

85 65.1 50.0 75.0

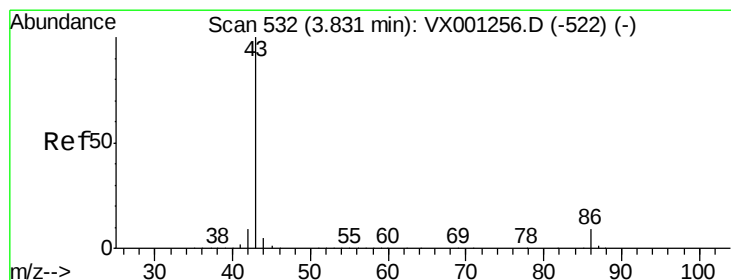
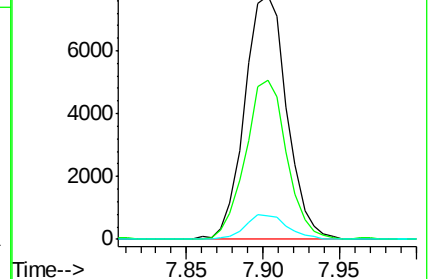
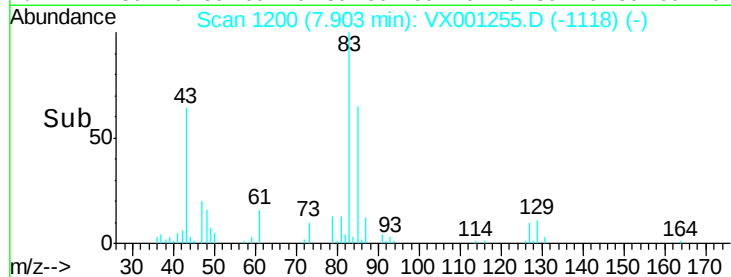
127 9.8 6.6 10.0



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: 25.537 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001255.D

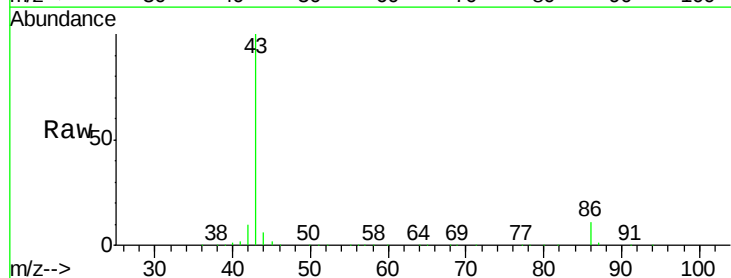
Acq: 30 Apr 2018 10:36

Tgt Ion: 43 Resp: 154404

Ion Ratio Lower Upper

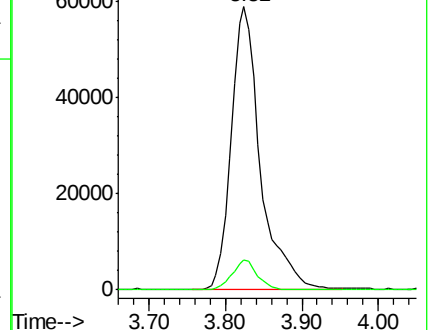
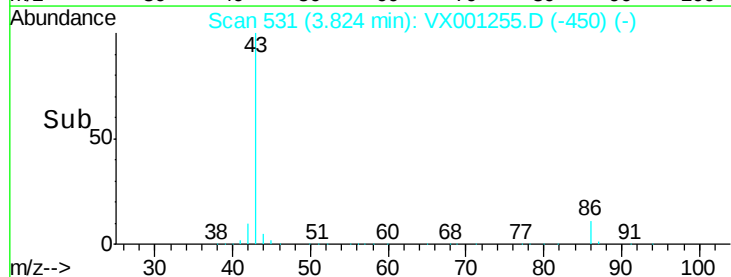
43 100

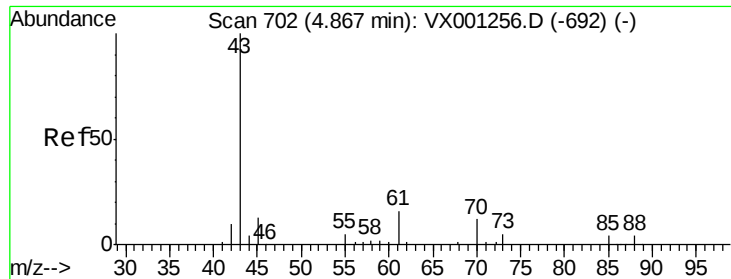
86 9.2 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 3.606 ug/l

RT: 4.85 min Scan# 700

Delta R.T. -0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

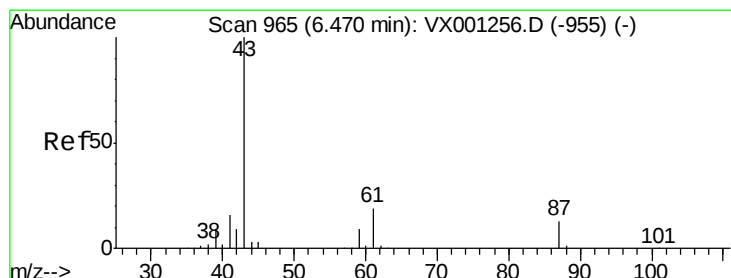
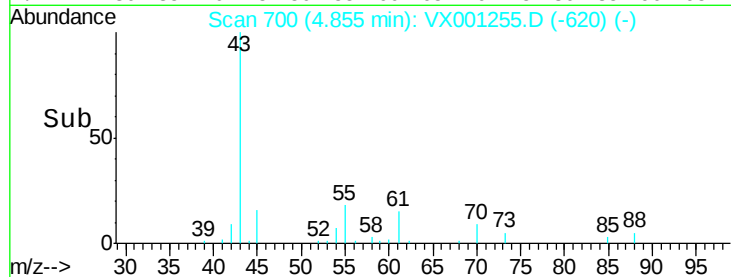
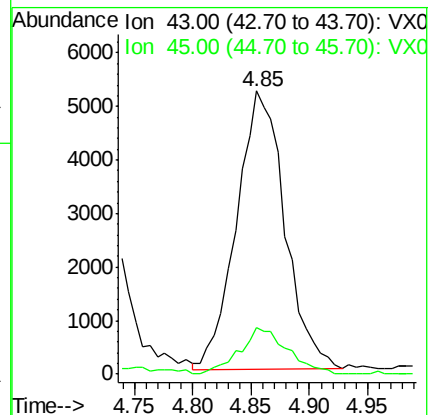
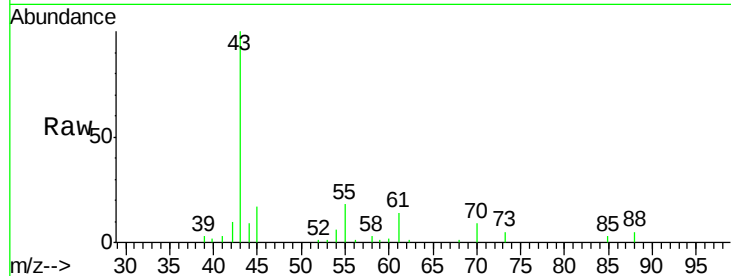
VSTDIC005

Tot Ion: 43 Resp: 15024

Ion Ratio Lower Upper

43 100

45 16.5 11.4 17.0



#44

Isopropyl Acetate

Concen: 4.033 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX001255.D

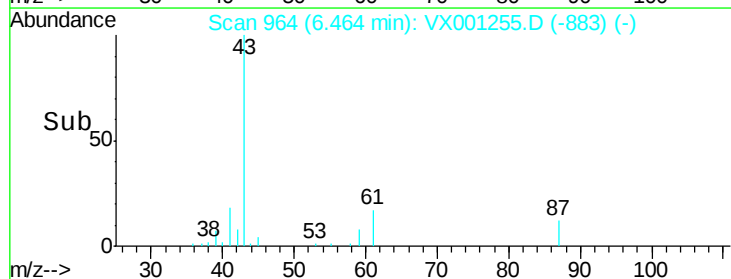
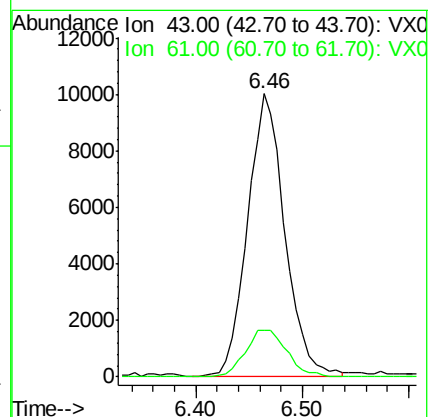
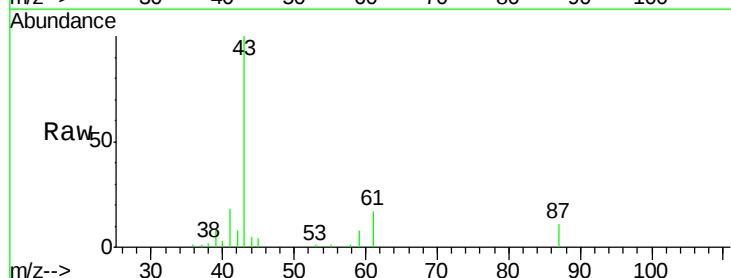
Acq: 30 Apr 2018 10:36

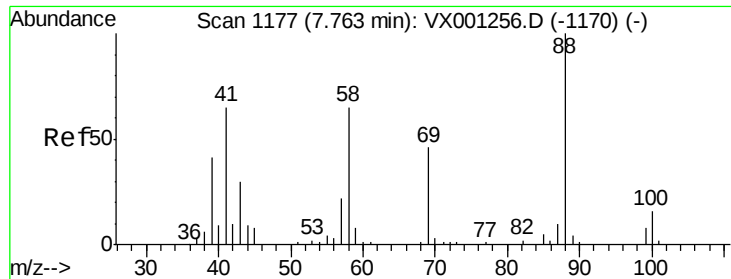
Tgt Ion: 43 Resp: 24656

Ion Ratio Lower Upper

43 100

61 18.3 15.7 23.5

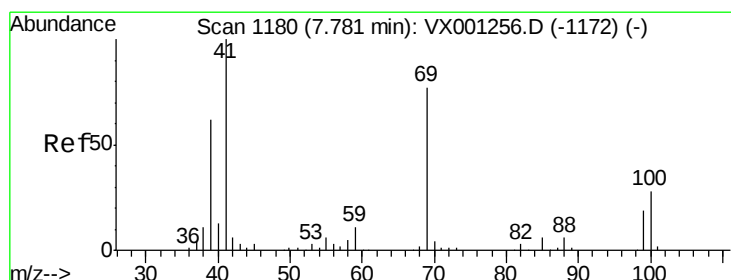
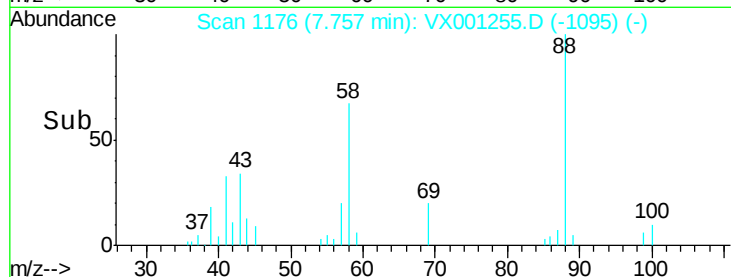
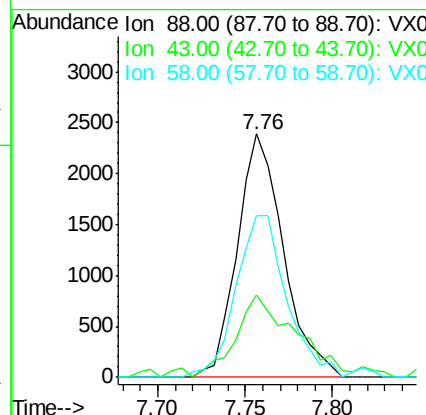
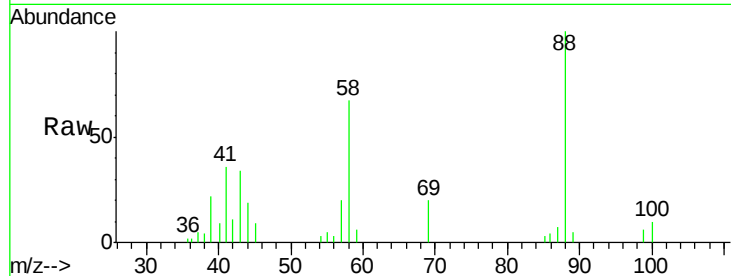




#45
1,4-Dioxane
Concen: 57.239 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

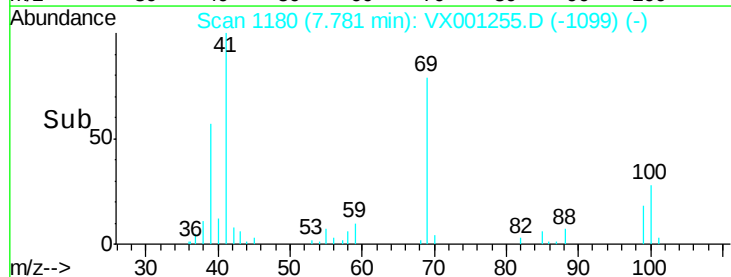
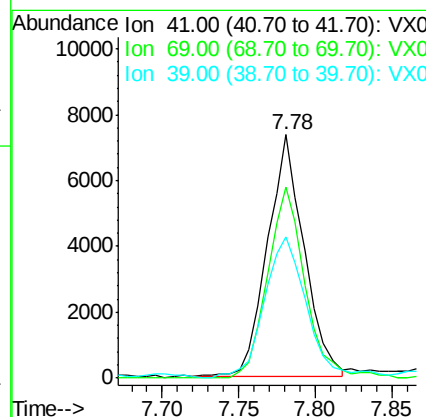
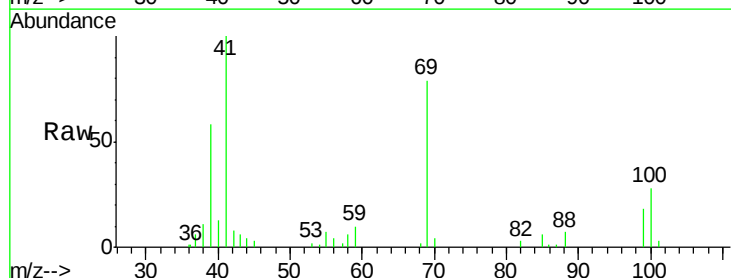
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

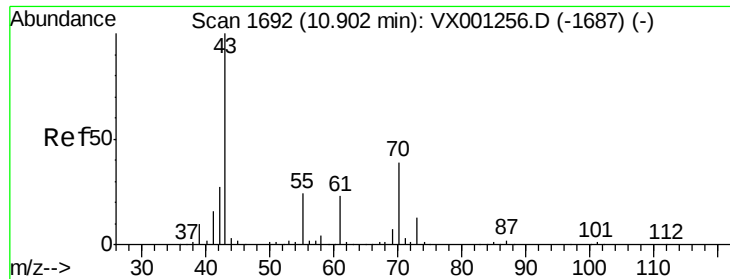
Tot Ion: 88 Resp: 4401
Ion Ratio Lower Upper
88 100
43 43.7 26.8 40.2#
58 73.2 52.1 78.1



#46
Methyl methacrylate
Concen: 4.116 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion: 41 Resp: 12238
Ion Ratio Lower Upper
41 100
69 79.4 45.5 136.5
39 57.9 32.5 97.5





#47

n-amvl Acetate

Concen: 3.840 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

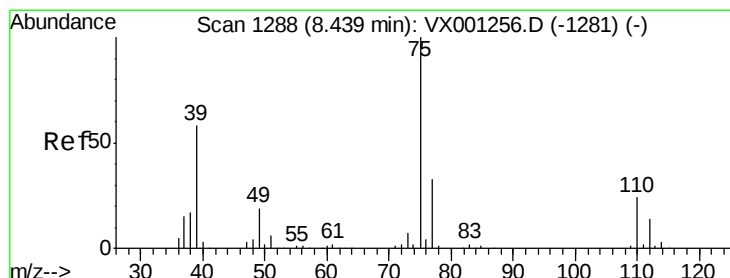
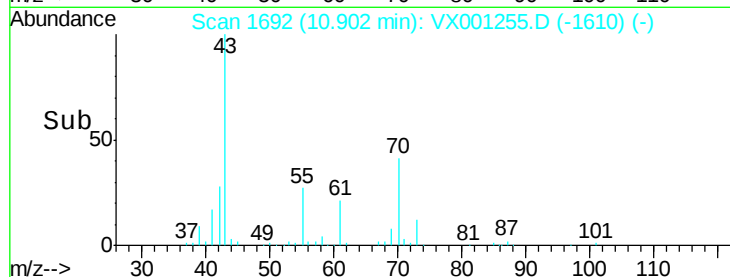
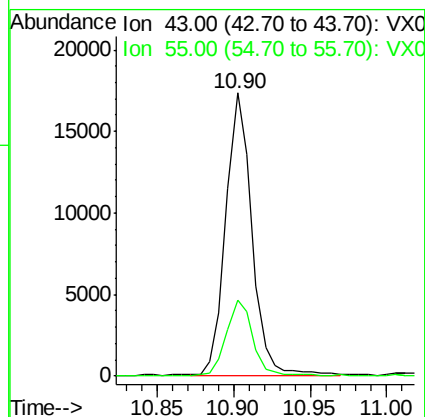
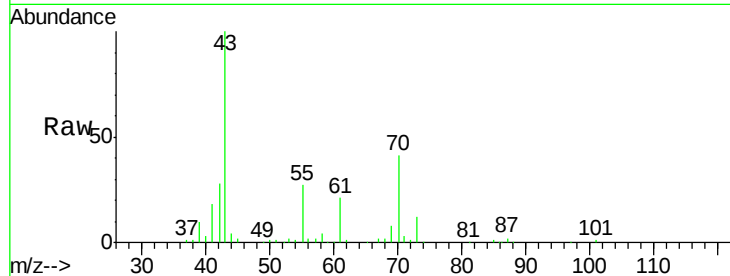
VSTDIC005

Tot Ion: 43 Resp: 20495

Ion Ratio Lower Upper

43 100

55 27.6 19.4 29.2



#48

t-1,3-Dichloropropene

Concen: 4.430 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001255.D

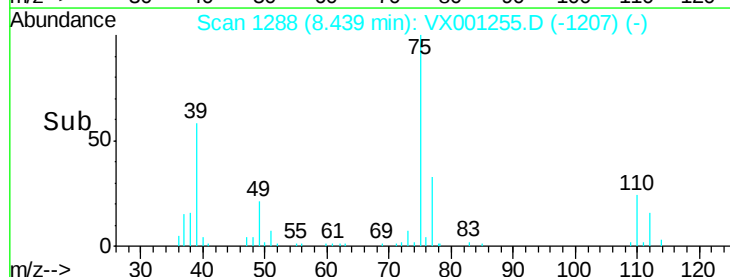
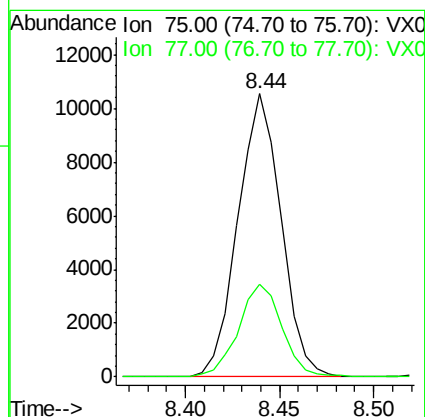
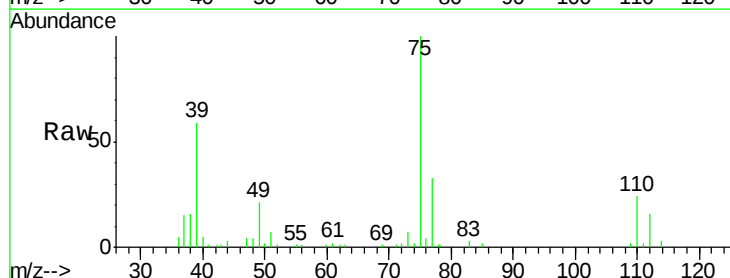
Acq: 30 Apr 2018 10:36

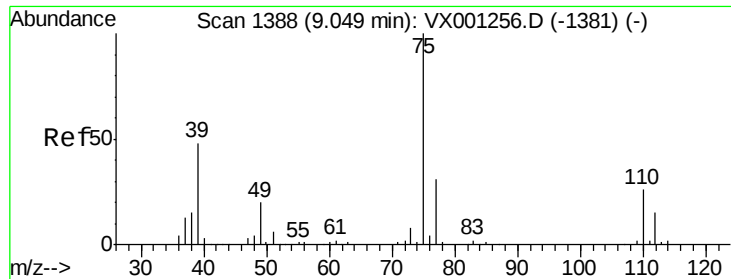
Tgt Ion: 75 Resp: 16719

Ion Ratio Lower Upper

75 100

77 32.5 24.6 37.0

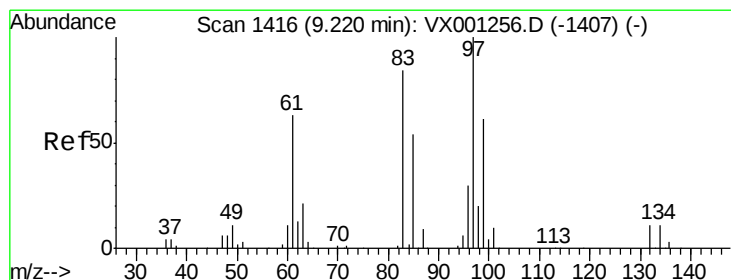
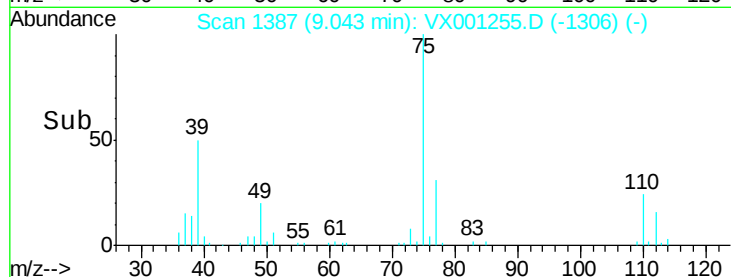
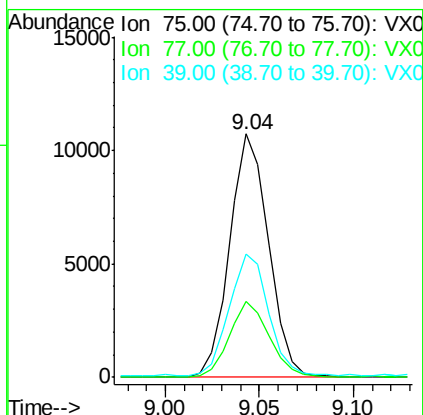
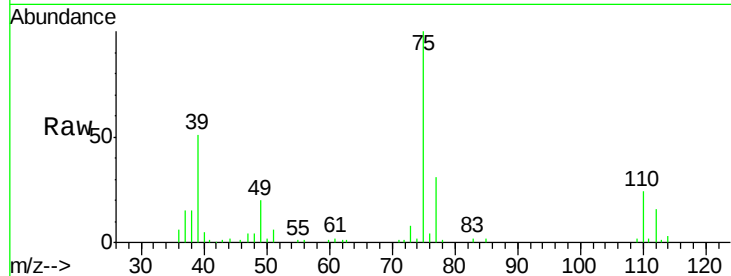




#49
 cis-1,3-Dichloropropene
 Concen: 4.176 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

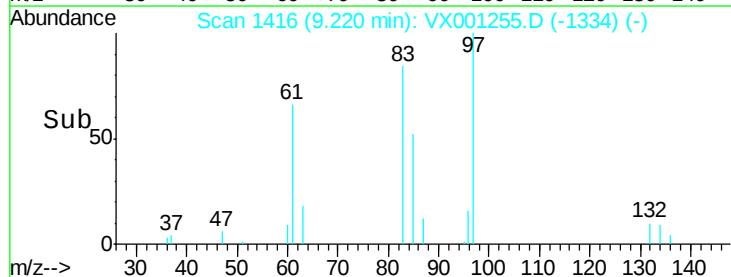
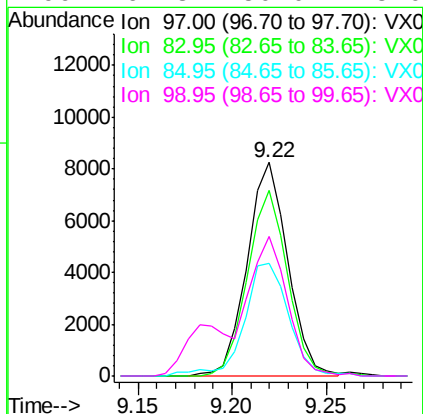
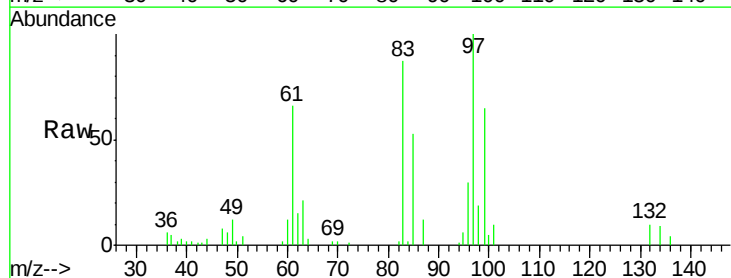
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

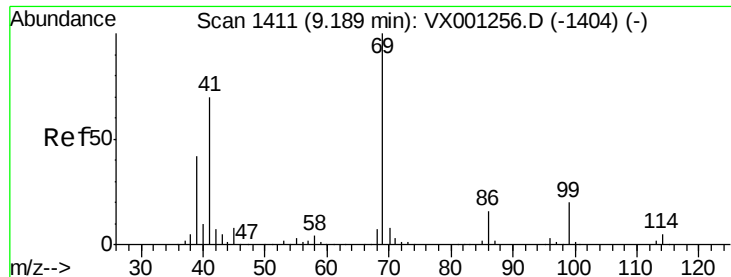
Tot Ion: 75 Resp: 15338
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.5 36.7
 39 50.0 35.6 53.4



#50
 1,1,2-Trichloroethane
 Concen: 4.922 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion: 97 Resp: 12328
 Ion Ratio Lower Upper
 97 100
 83 86.8 66.9 100.3
 85 51.9 44.4 66.6
 99 64.3 50.0 75.0

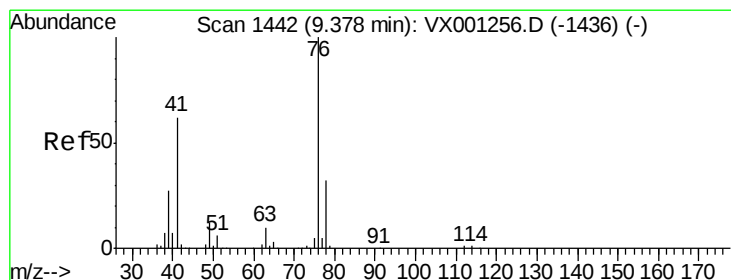
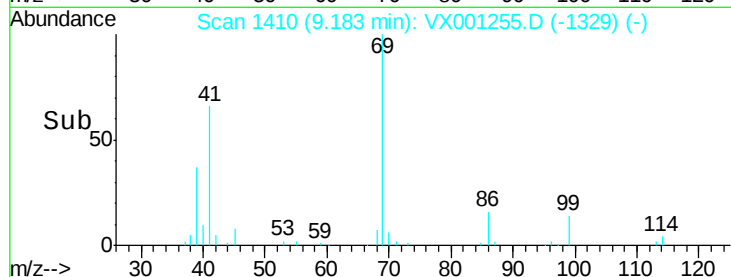
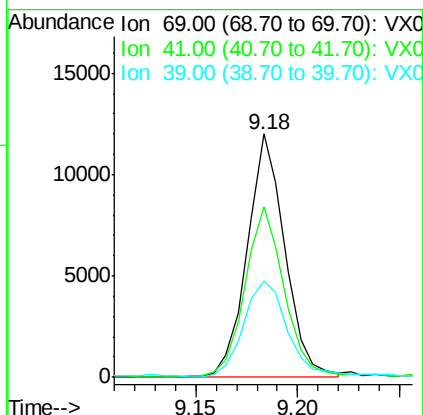
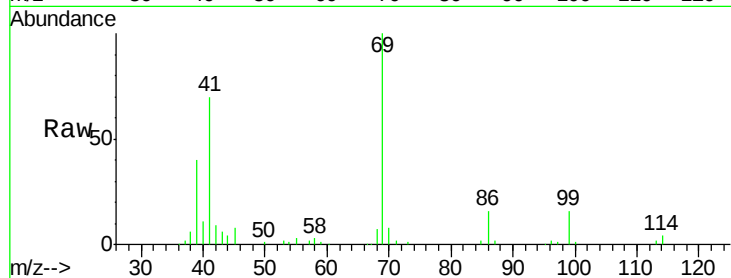




#51
Ethyl methacrylate
Concen: 4.026 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

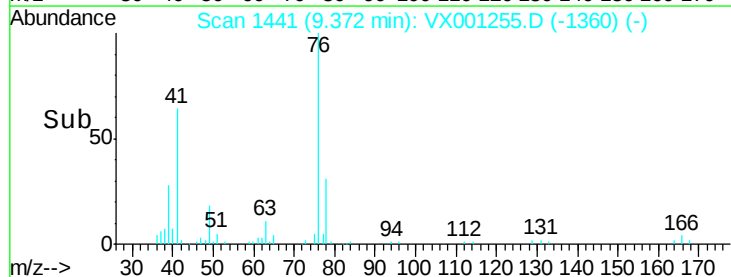
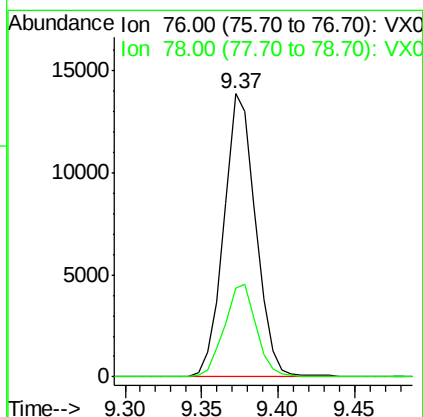
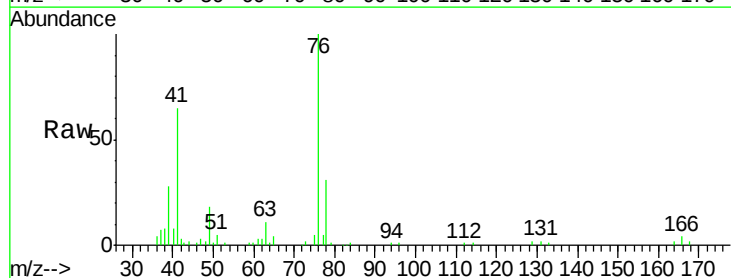
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

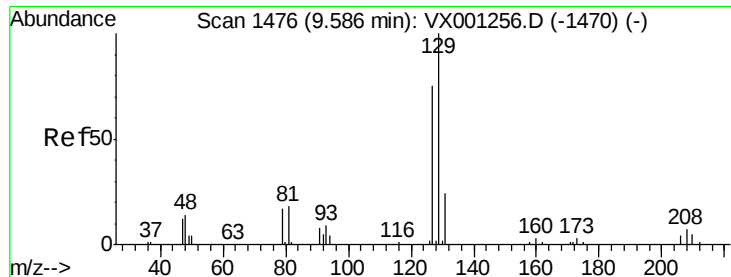
Tot Ion	Ratio	Lower	Upper
69	100		
41	69.3	32.1	96.3
39	39.7	19.6	58.7



#52
1,3-Dichloropropane
Concen: 4.987 ug/l
RT: 9.37 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion	Ratio	Lower	Upper
76	100		
78	33.0	0.0	65.0

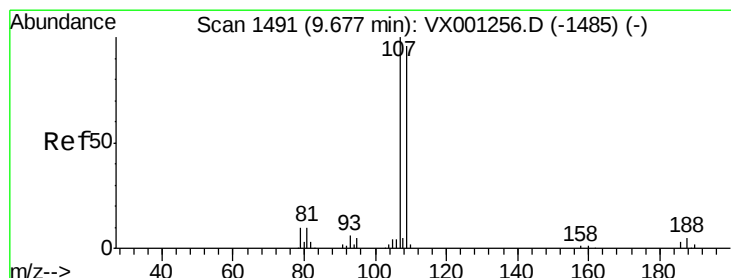
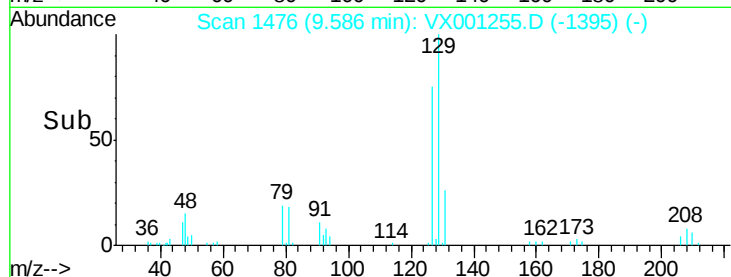
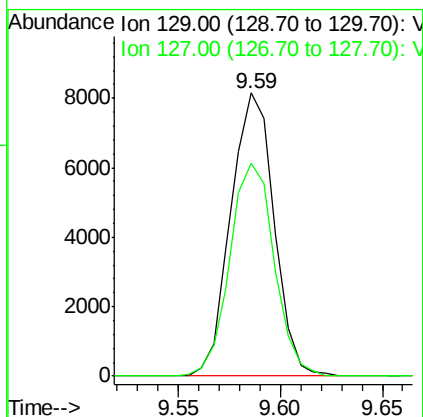
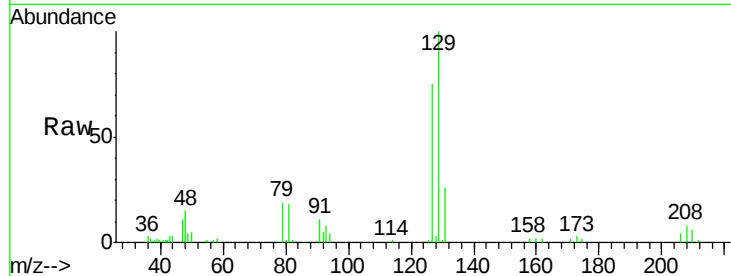




#53
 Dibromochloromethane
 Concen: 4.297 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

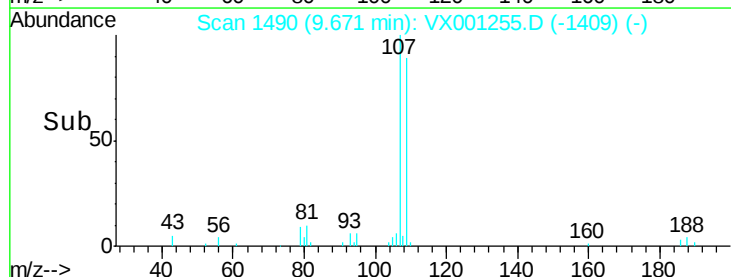
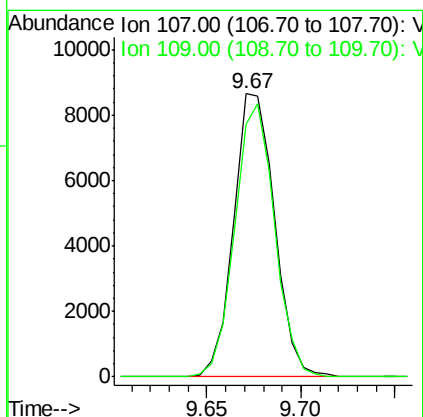
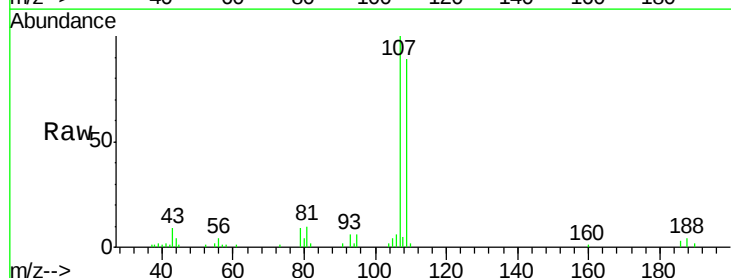
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

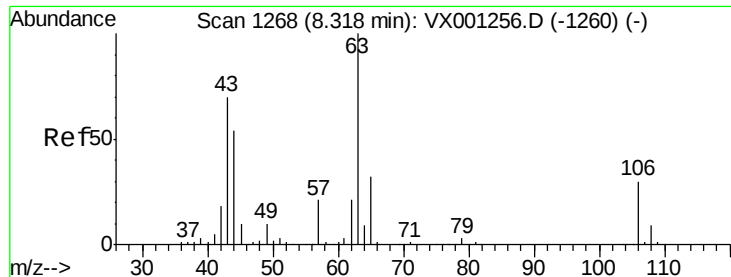
Tot Ion:129 Resp: 11973
 Ion Ratio Lower Upper
 129 100
 127 77.1 37.5 112.5



#54
 1,2-Dibromoethane
 Concen: 4.665 ug/l
 RT: 9.67 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion:107 Resp: 13022
 Ion Ratio Lower Upper
 107 100
 109 93.6 74.5 111.7

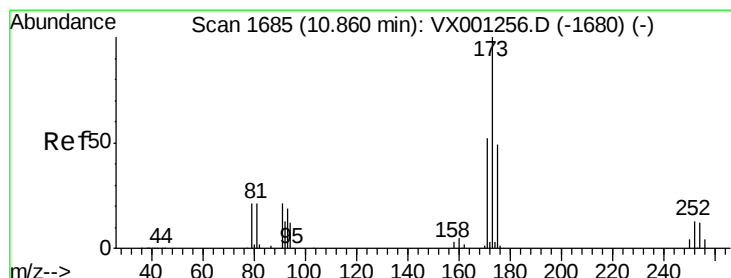
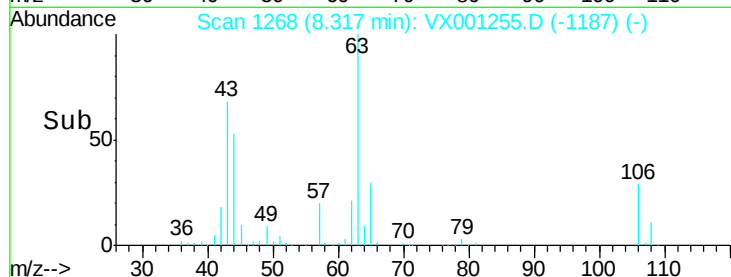
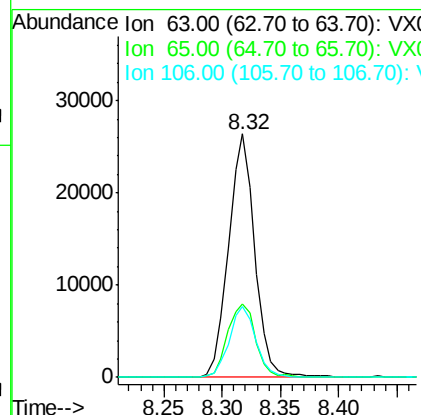
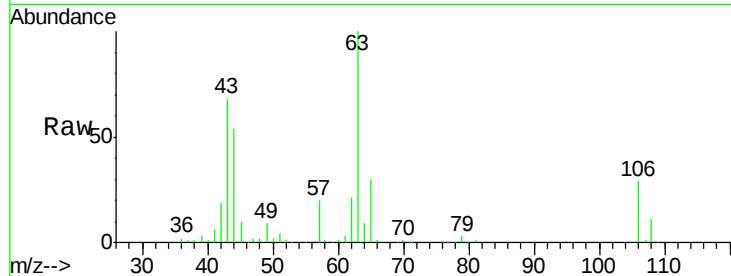




#55
2-Chloroethyl vinyl ether
Concen: 24.611 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

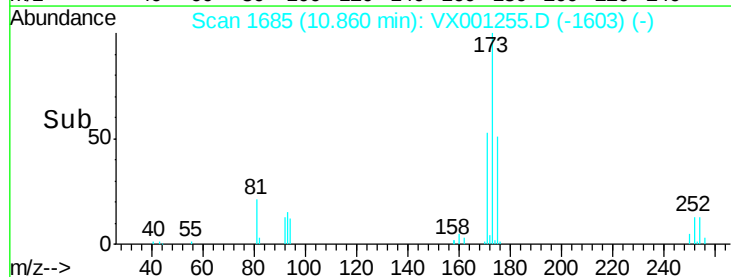
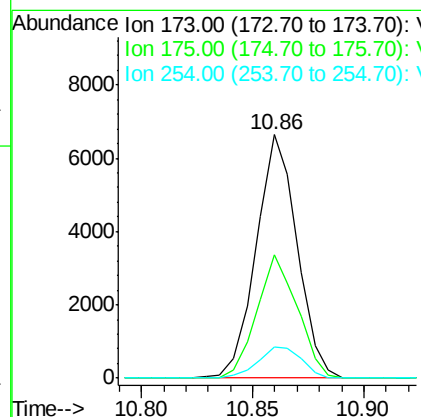
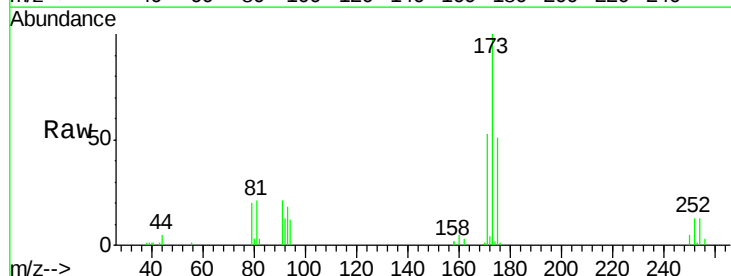
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

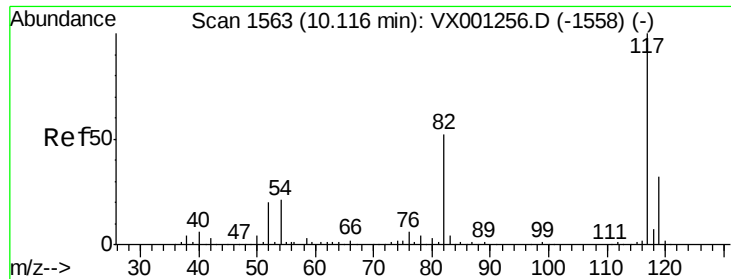
Tot Ion: 63 Resp: 41236
Ion Ratio Lower Upper
63 100
65 32.2 25.8 38.8
106 29.6 23.8 35.6



#56
Bromoform
Concen: 3.764 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion: 173 Resp: 8495
Ion Ratio Lower Upper
173 100
175 50.1 39.0 58.4
254 13.5 7.0 10.4#

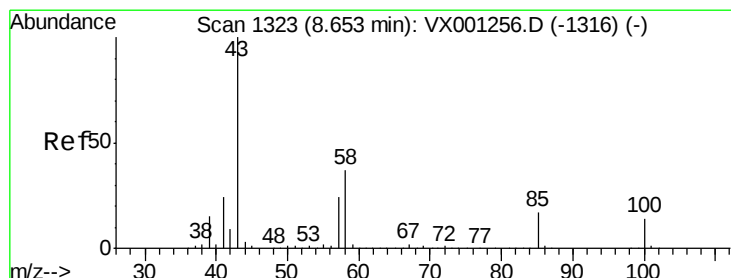
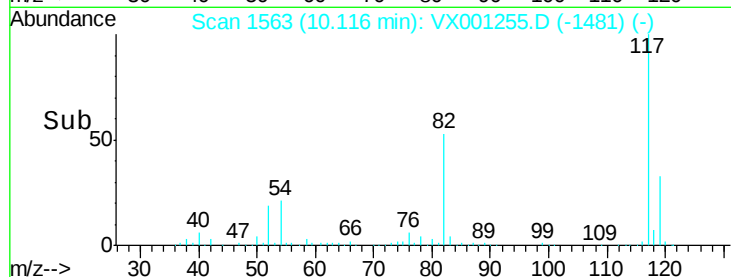
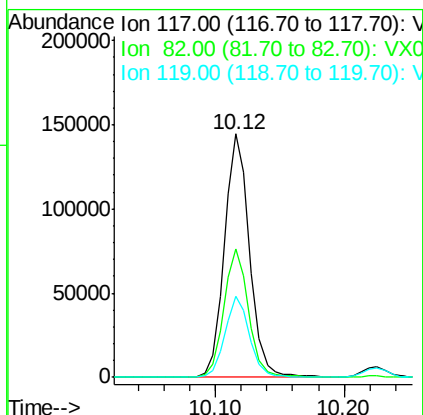
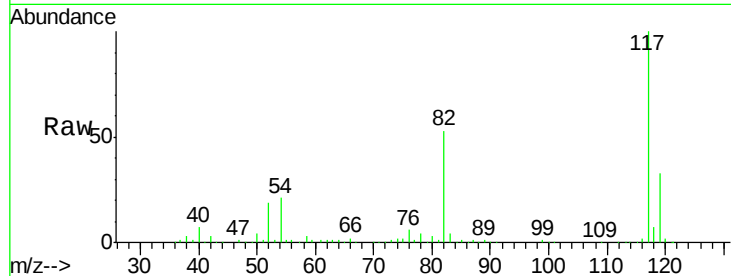




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

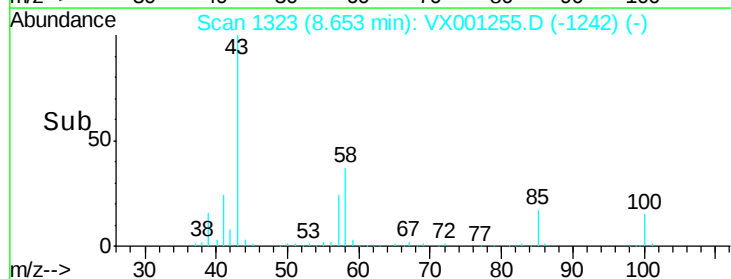
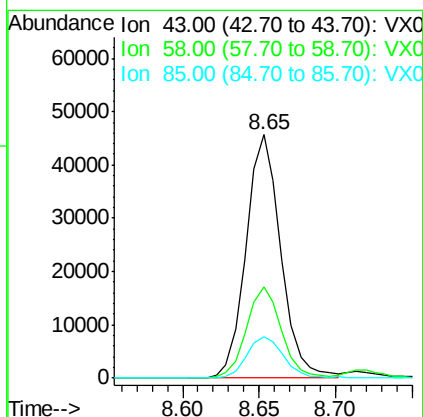
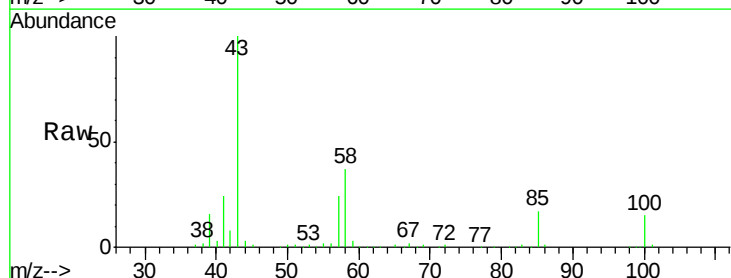
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

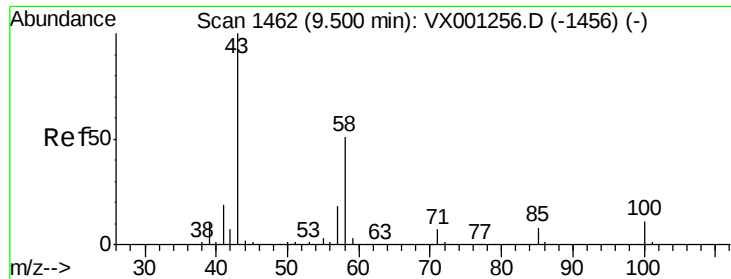
Tot Ion:117 Resp: 198120
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.5 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 16.624 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion: 43 Resp: 72141
Ion Ratio Lower Upper
43 100
58 37.5 29.8 44.8
85 17.8 14.9 22.3

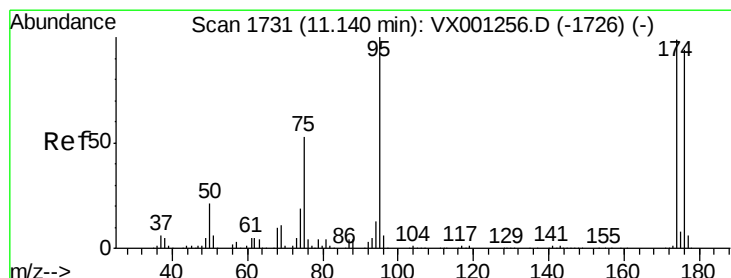
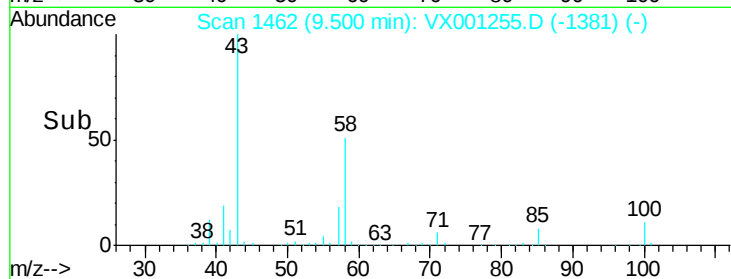
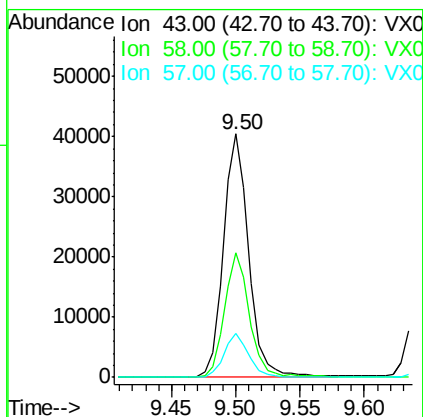
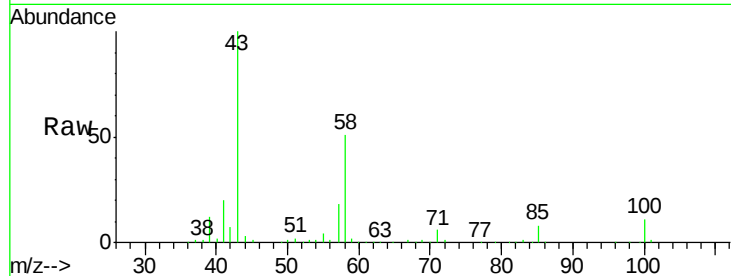




#59
2-Hexanone
Concen: 15.242 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

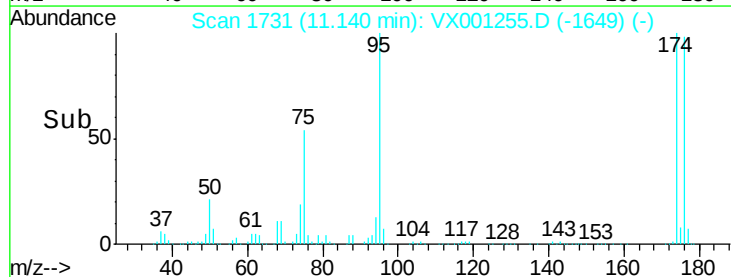
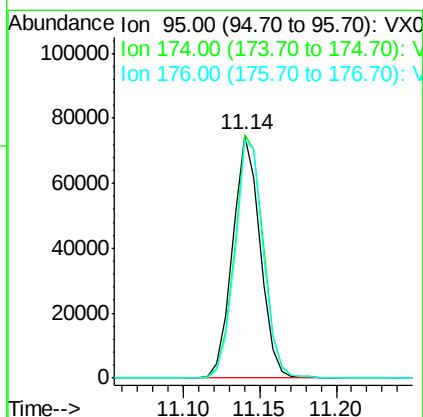
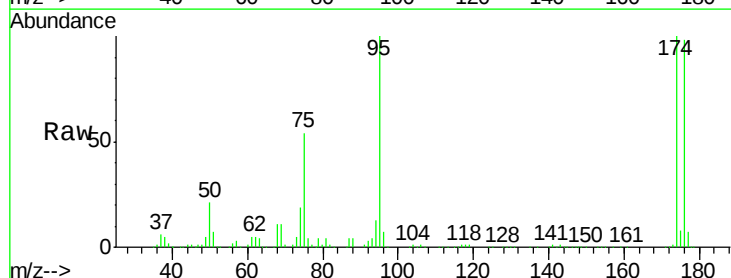
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

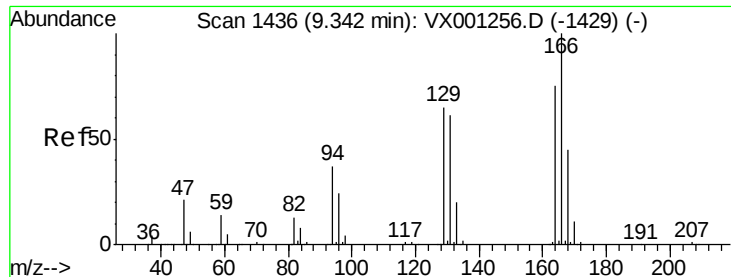
Tot Ion: 43 Resp: 56009
Ion Ratio Lower Upper
43 100
58 49.8 43.0 64.6
57 17.5 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 28.643 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion: 95 Resp: 92838
Ion Ratio Lower Upper
95 100
174 104.4 71.1 106.7
176 101.0 69.3 103.9





#61

Tetrachloroethene

Concen: 7.149 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:164 Resp: 17197

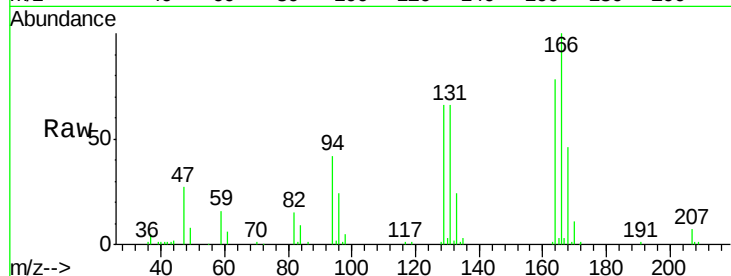
Ion Ratio Lower Upper

164 100

166 128.2 99.0 148.4

129 84.0 77.0 115.6

131 84.7 75.8 113.6

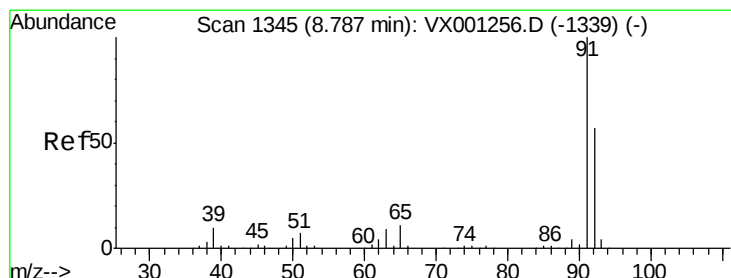
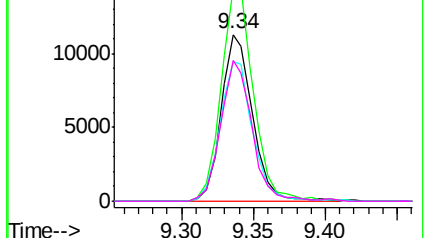
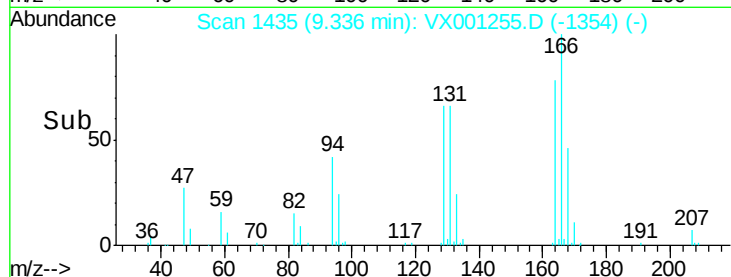


Abundance Ion 163.85 (163.55 to 164.55): V

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: 5.385 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001255.D

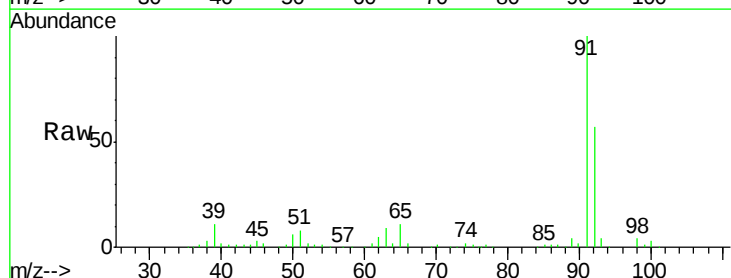
Acq: 30 Apr 2018 10:36

Tgt Ion: 91 Resp: 55512

Ion Ratio Lower Upper

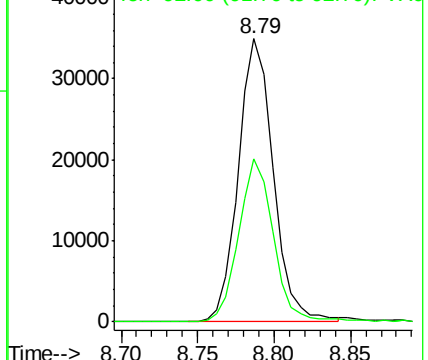
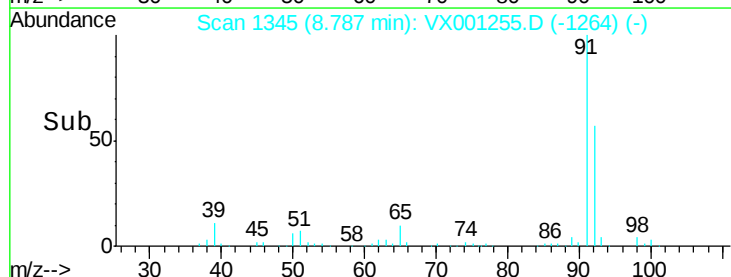
91 100

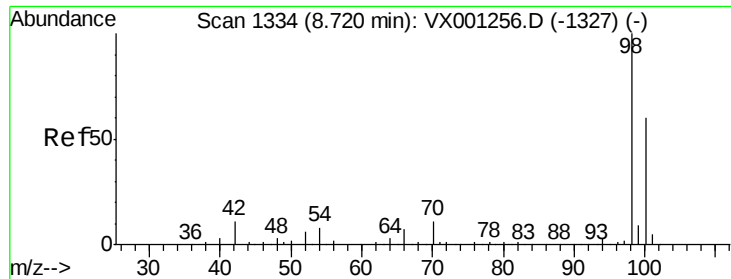
92 57.1 45.4 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

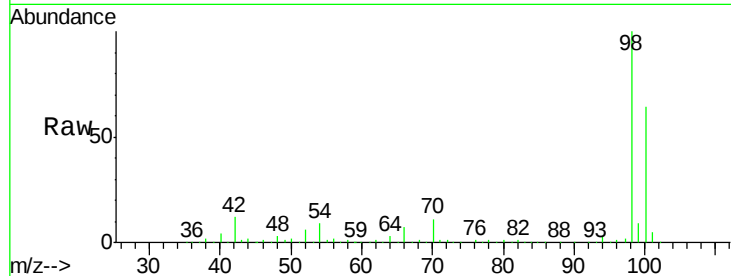




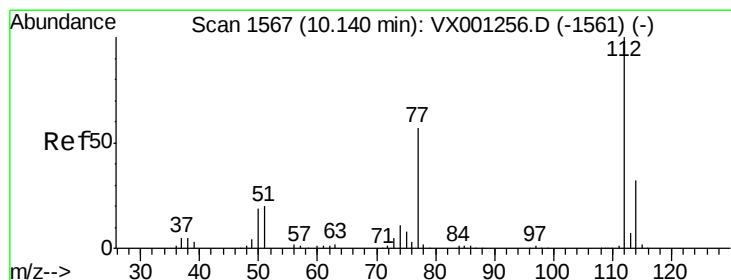
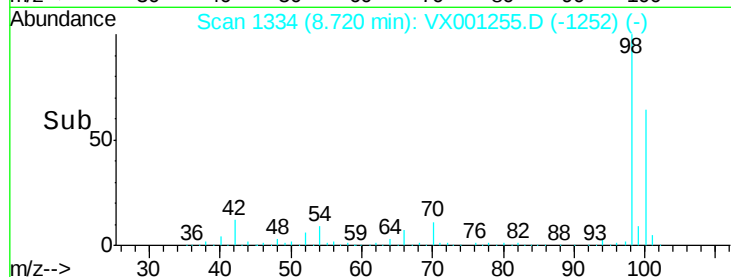
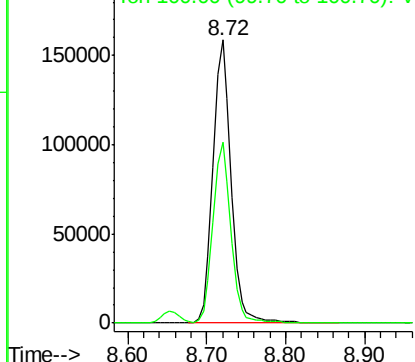
#63
Toluene-d8
Concen: 30.316 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 98 Resp: 257270
Ion Ratio Lower Upper
98 100
100 63.4 50.0 75.0

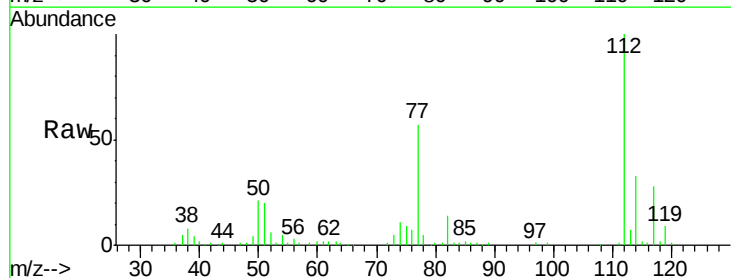


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

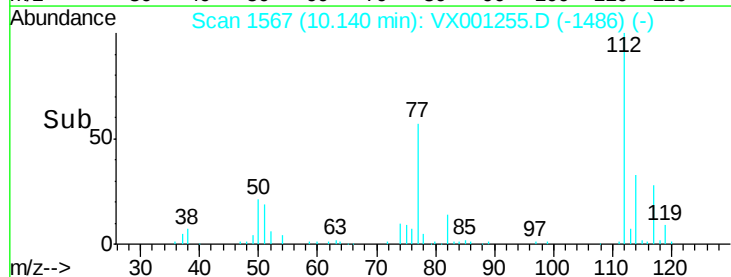
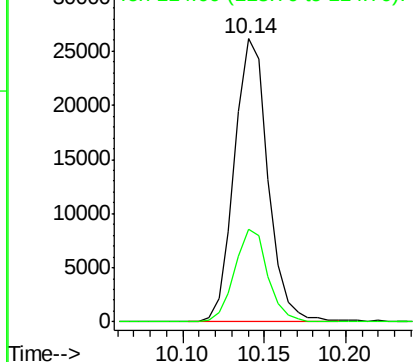


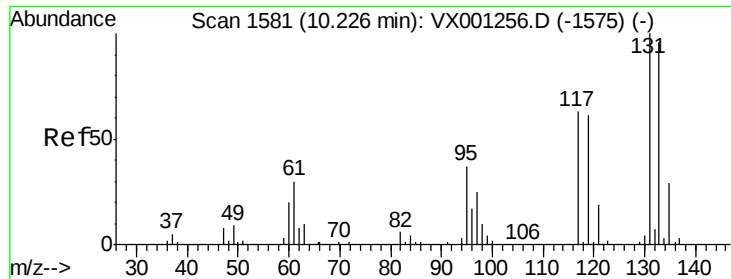
#64
Chlorobenzene
Concen: 5.411 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion: 112 Resp: 37688
Ion Ratio Lower Upper
112 100
114 32.9 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 5.031 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

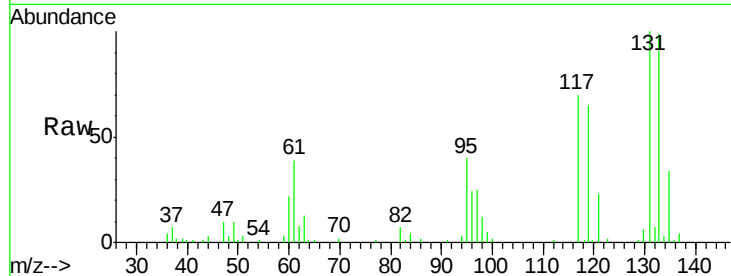
Tot Ion:131 Resp: 12412

Ion Ratio Lower Upper

131 100

133 97.0 0.0 187.6

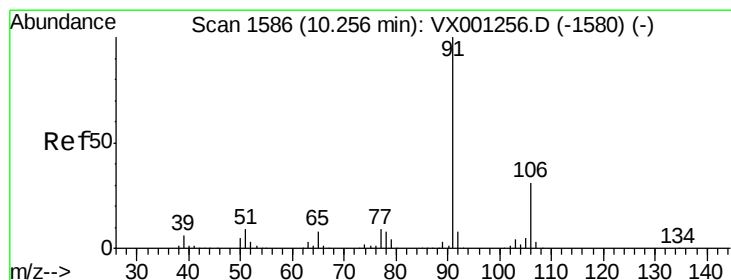
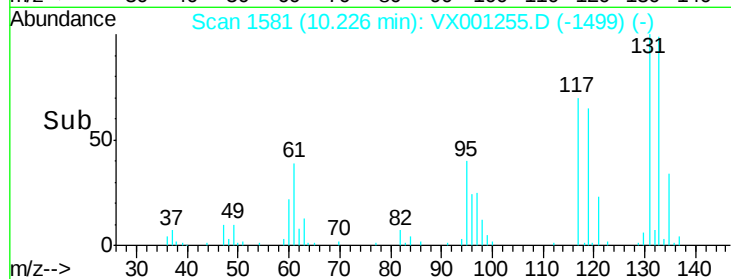
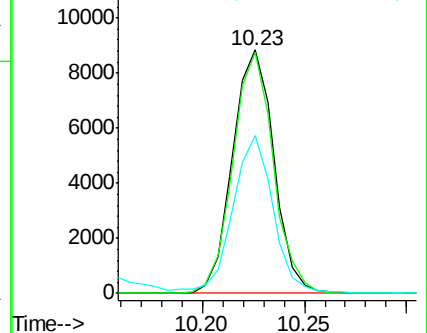
119 63.8 0.0 134.0



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: 5.084 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001255.D

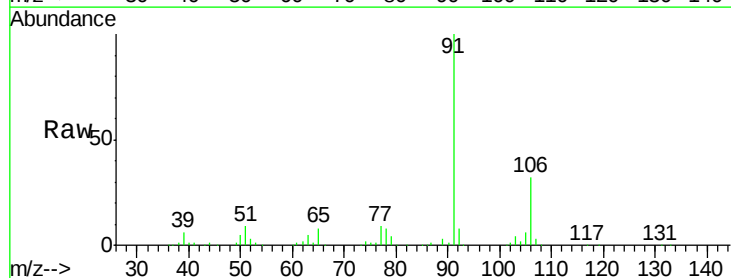
Acq: 30 Apr 2018 10:36

Tgt Ion: 91 Resp: 59813

Ion Ratio Lower Upper

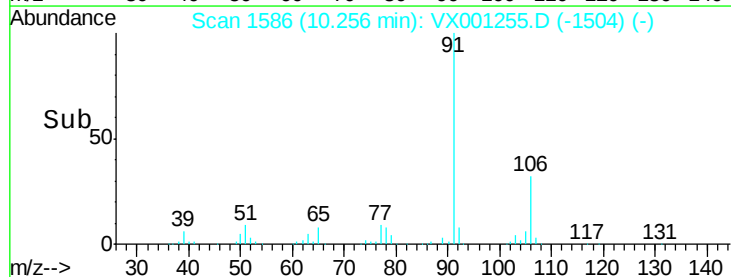
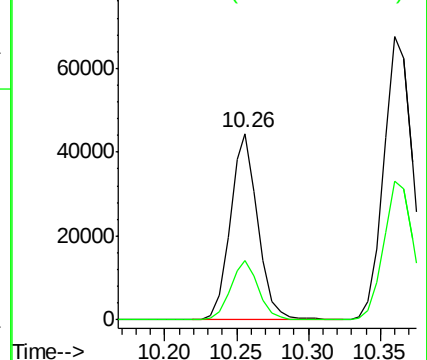
91 100

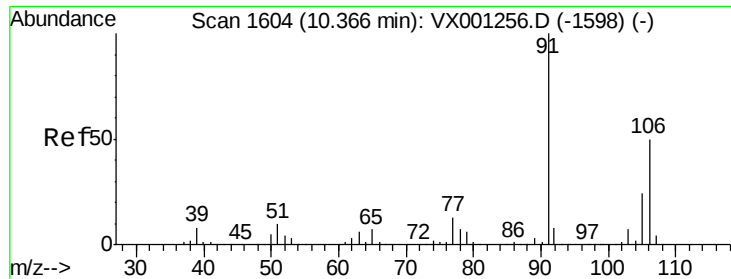
106 32.0 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

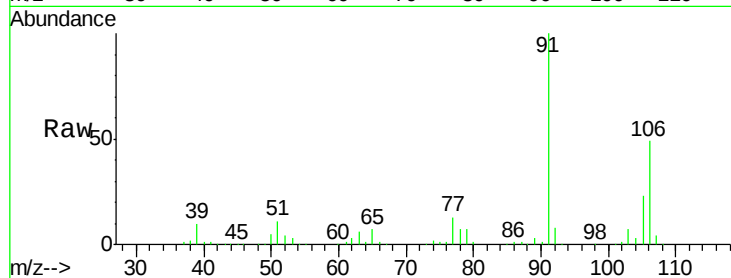




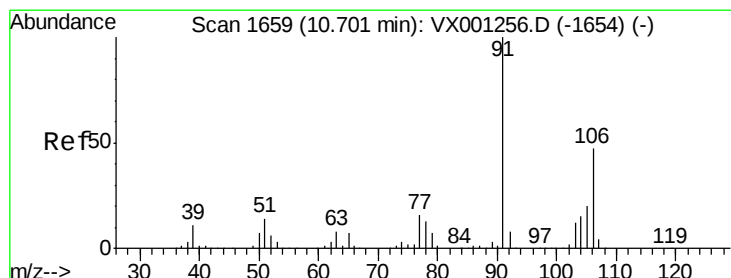
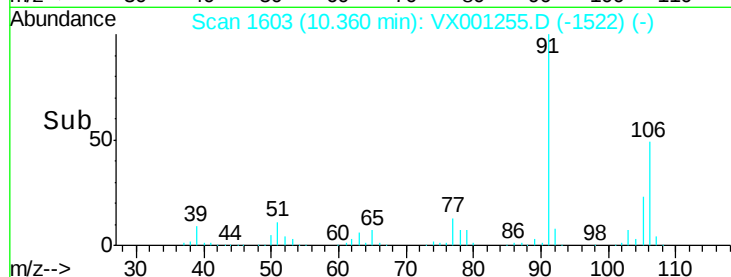
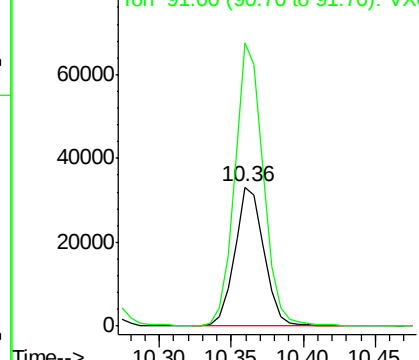
#67
m/p-Xvlenes
Concen: 10.212 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 47101
Ion Ratio Lower Upper
106 100
91 199.5 161.6 242.4

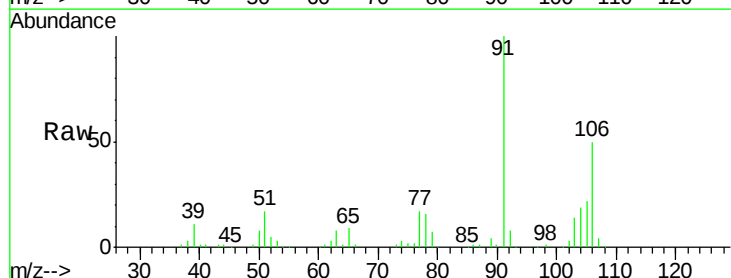


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

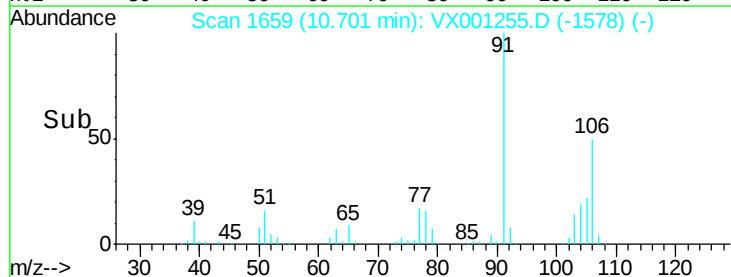
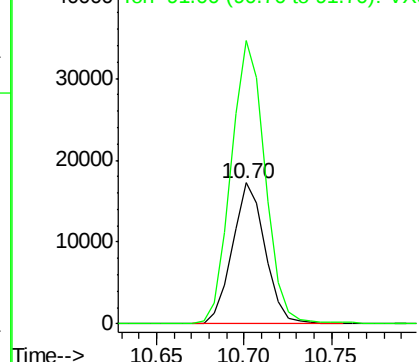


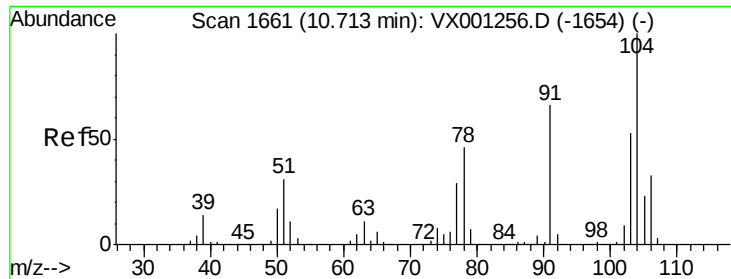
#68
o-Xylene
Concen: 5.000 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion:106 Resp: 22402
Ion Ratio Lower Upper
106 100
91 208.9 105.6 316.8



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

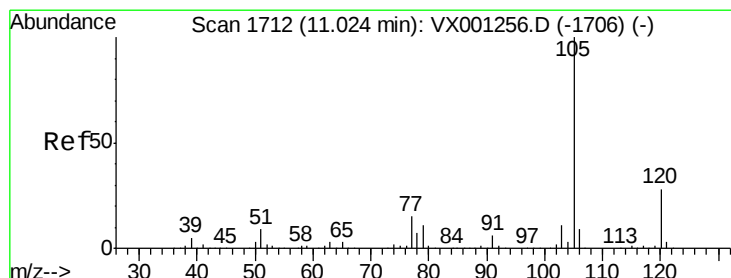
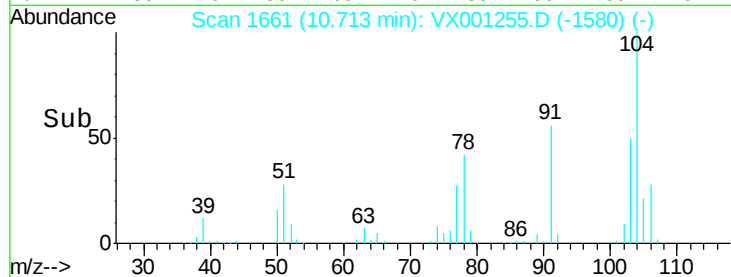
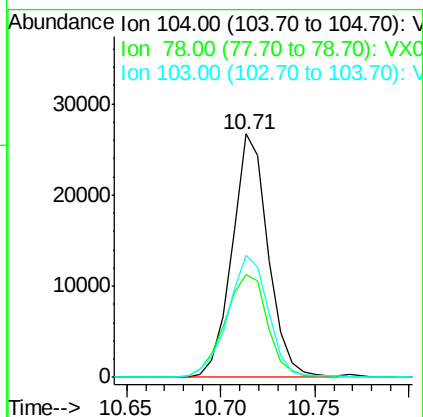
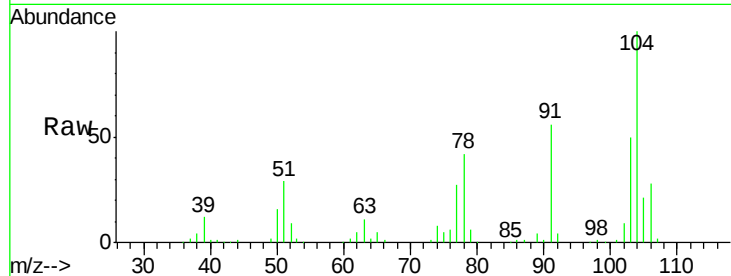




#69
Stvrene
Concen: 4.766 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

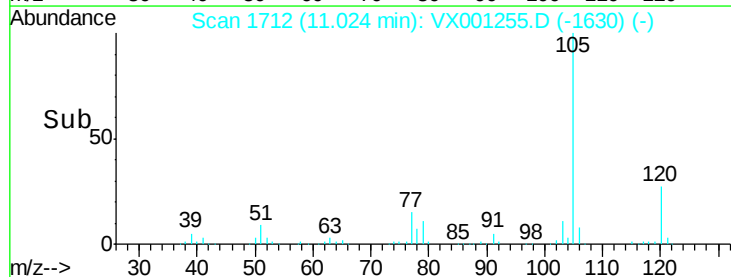
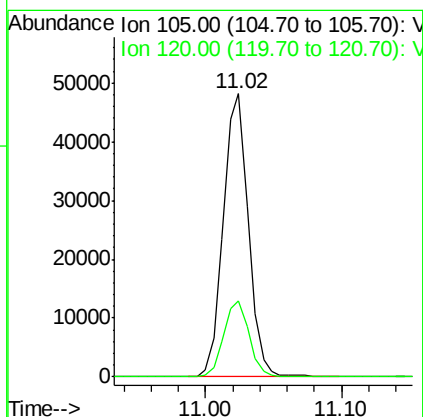
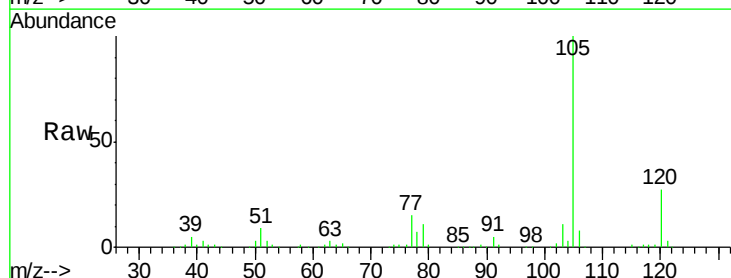
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

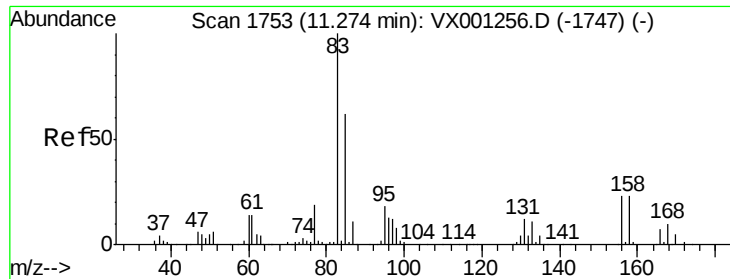
Tot Ion:104 Resp: 35368
Ion Ratio Lower Upper
104 100
78 50.4 39.0 58.4
103 56.0 44.7 67.1



#70
Isopropylbenzene
Concen: 5.084 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion:105 Resp: 61567
Ion Ratio Lower Upper
105 100
120 27.0 18.8 35.0

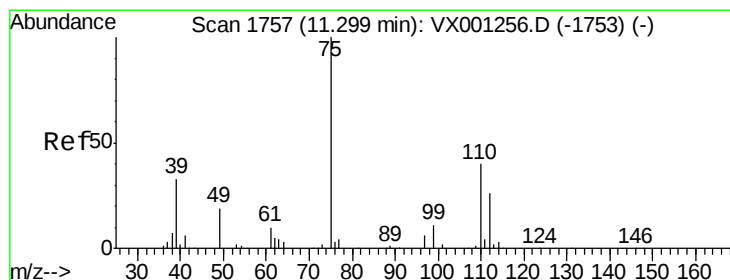
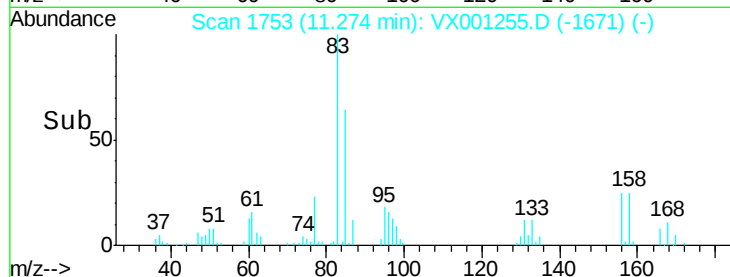
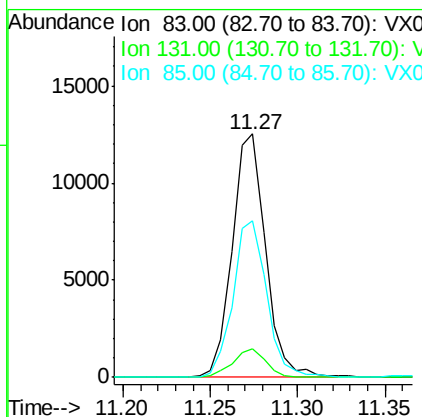
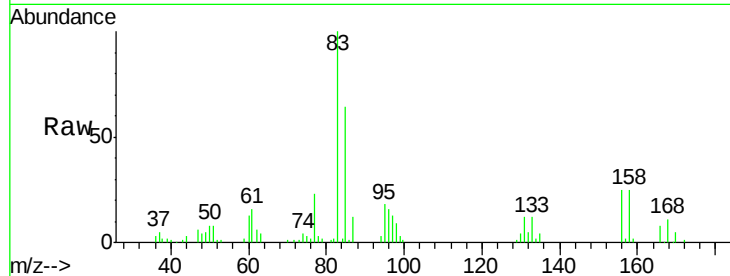




#71
 1,1,2,2-Tetrachloroethane
 Concen: 3.996 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

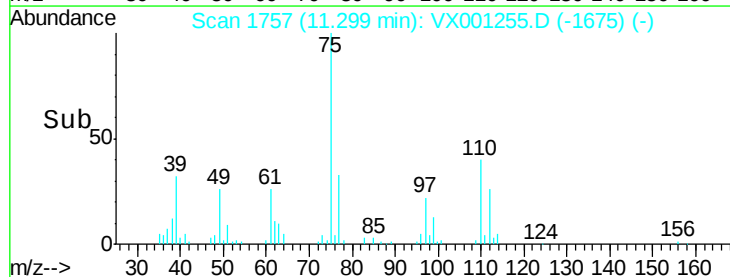
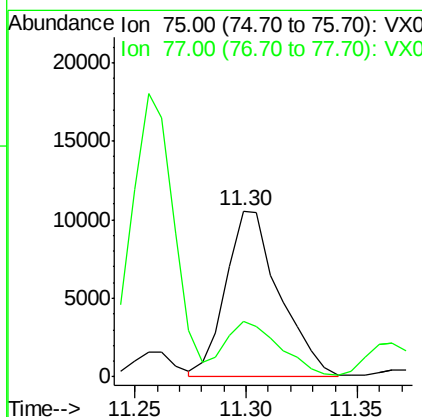
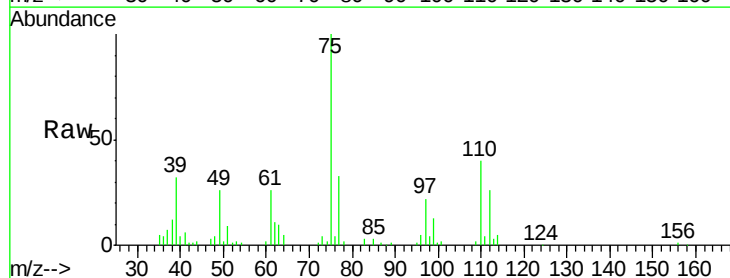
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

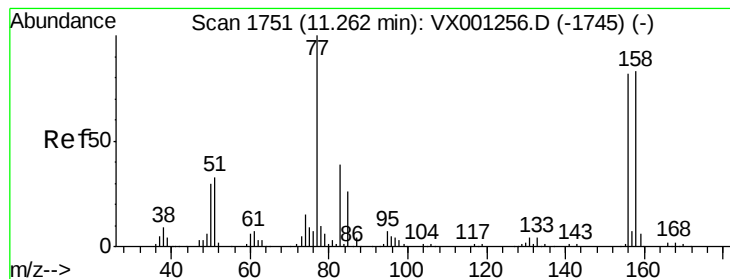
Tot Ion	83	Resp	16651
Ion Ratio	100		
Lower	5.3		
Upper	16.1		
85	65.0	32.5	97.5



#72
 1,2,3-Trichloropropane
 Concen: 4.746 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion	75	Resp	17741
Ion Ratio	100		
Lower	0.0		
Upper	85.8		
77	34.8		





#73

Bromobenzene

Concen: 5.755 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

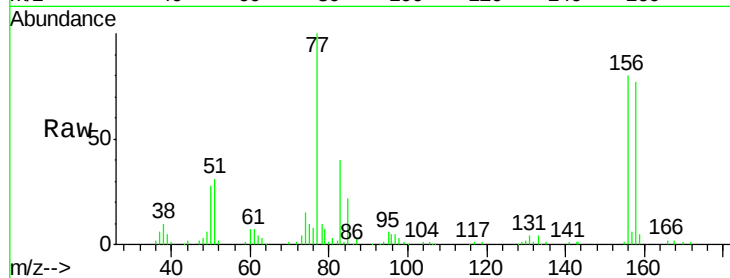
Tot Ion:156 Resp: 18273

Ion Ratio Lower Upper

156 100

77 130.2 0.0 280.2

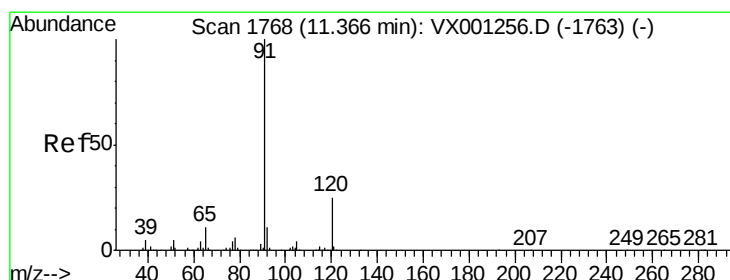
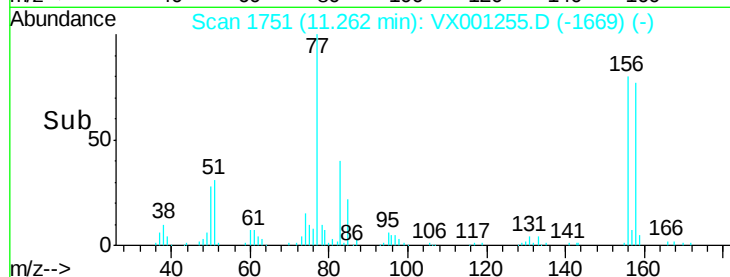
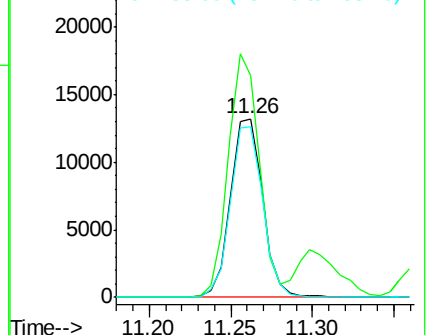
158 95.5 0.0 197.2



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: 4.808 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001255.D

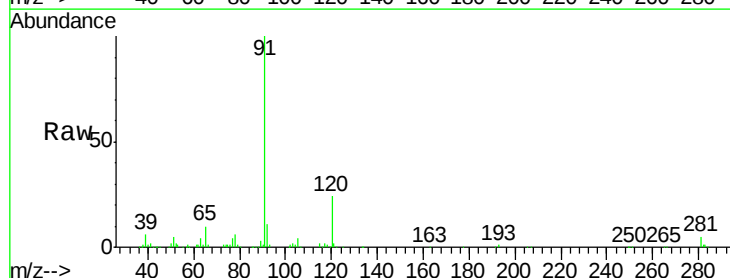
Acq: 30 Apr 2018 10:36

Tgt Ion: 91 Resp: 68252

Ion Ratio Lower Upper

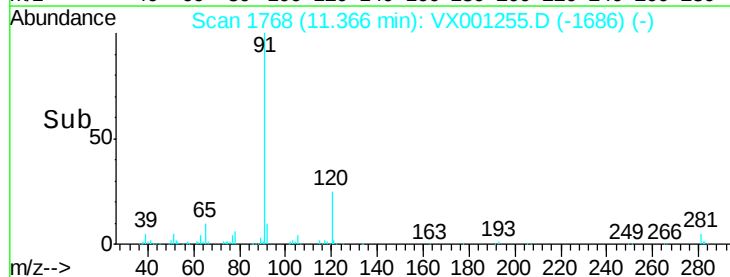
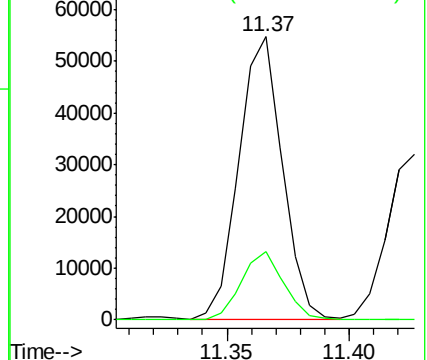
91 100

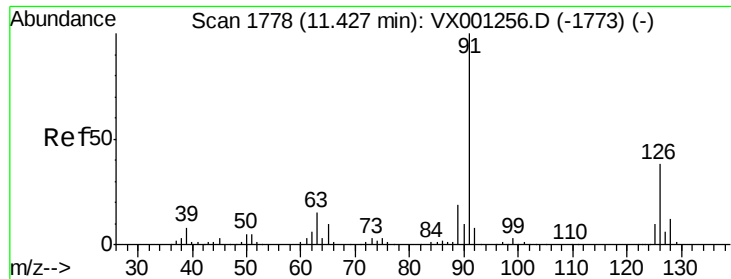
120 23.6 0.0 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 5.177 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

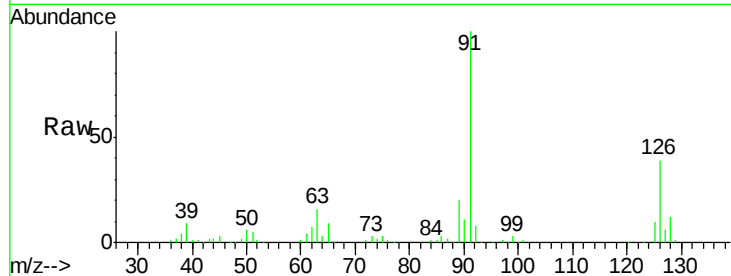
VSTDIC005

Tot Ion: 91 Resp: 42253

Ion Ratio Lower Upper

91 100

126 36.0 0.0 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX001255.D (-1696) (-)

Ion 126.00 (125.70 to 126.70): VX001255.D (-1696) (-)

60000

50000

40000

30000

20000

10000

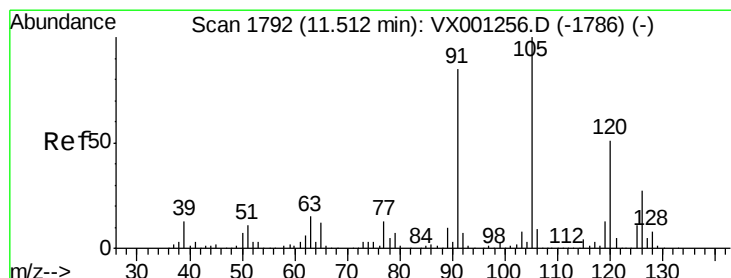
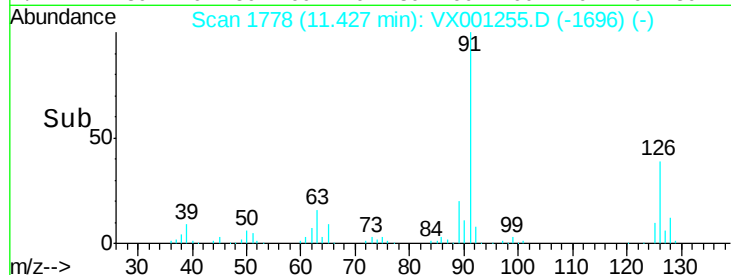
0

11.40

11.43

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 4.972 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001255.D

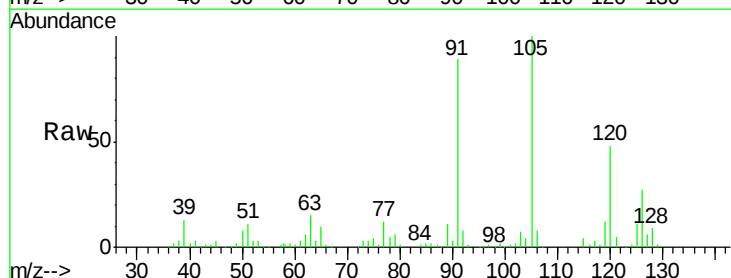
Acq: 30 Apr 2018 10:36

Tgt Ion:105 Resp: 51028

Ion Ratio Lower Upper

105 100

120 48.8 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): VX001255.D (-1710) (-)

Ion 120.00 (119.70 to 120.70): VX001255.D (-1710) (-)

50000

40000

30000

20000

10000

0

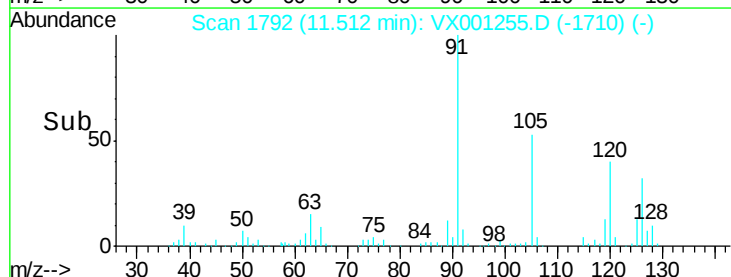
11.45

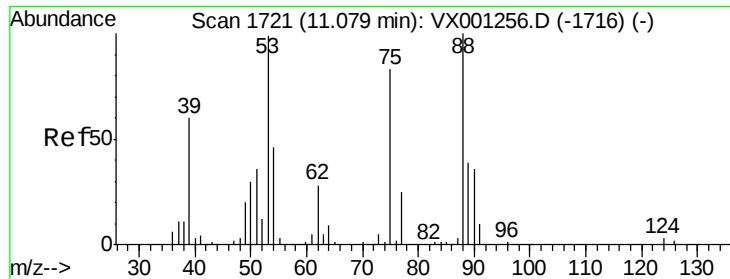
11.51

11.55

11.60

Time-->

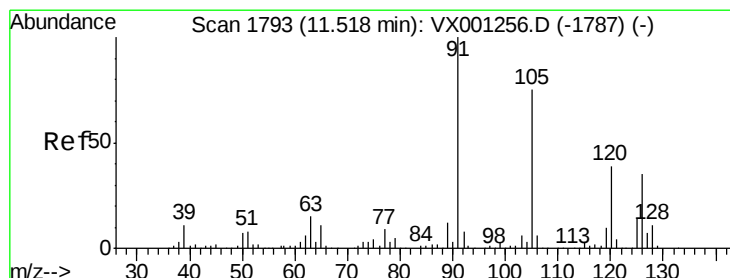
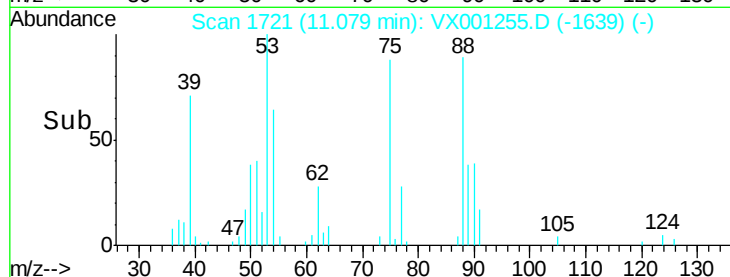
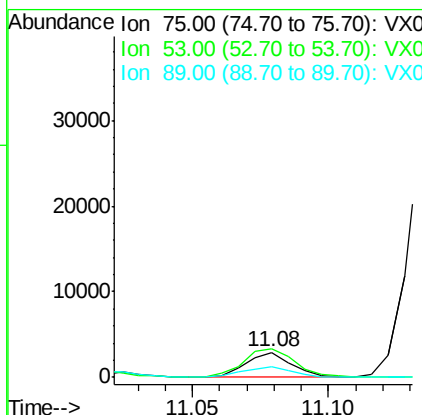
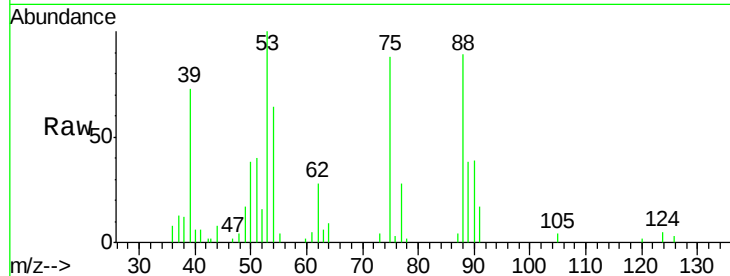




#77
t-1,4-Dichloro-2-butene
Concen: 2.537 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

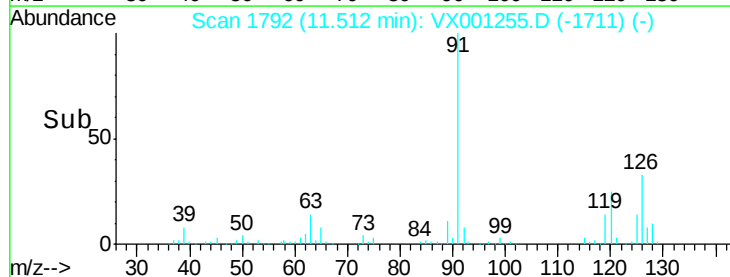
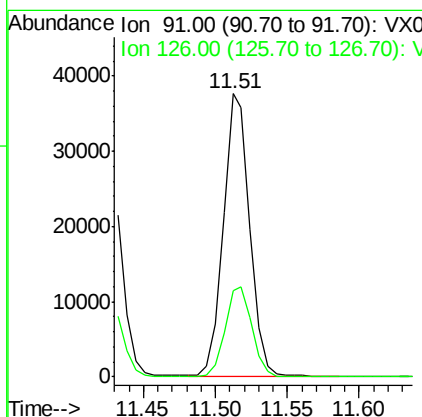
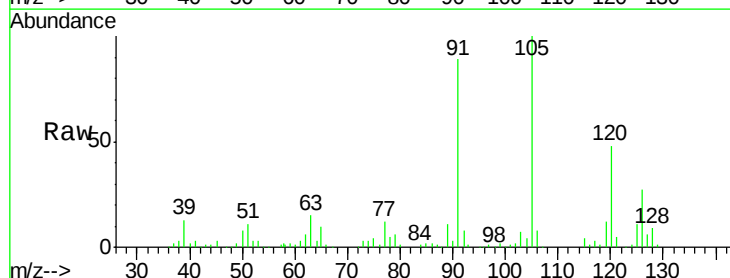
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

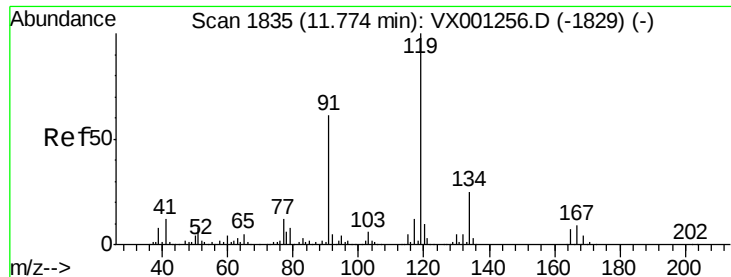
Tot Ion: 75 Resp: 3354
Ion Ratio Lower Upper
75 100
53 113.8 47.8 143.3
89 43.3 22.3 66.8



#78
4-Chlorotoluene
Concen: 4.977 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion: 91 Resp: 48664
Ion Ratio Lower Upper
91 100
126 32.2 0.0 63.4

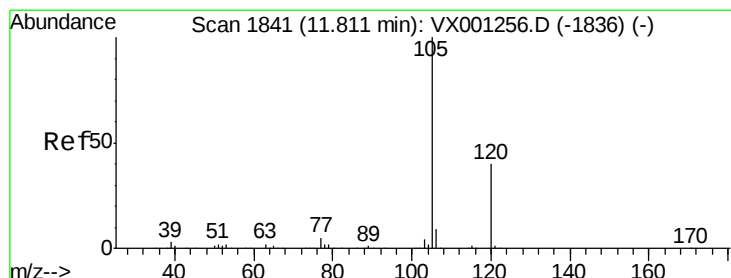
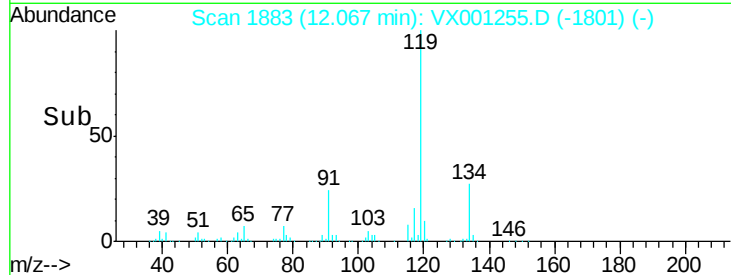
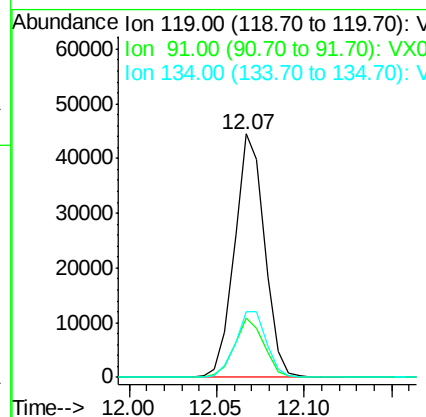
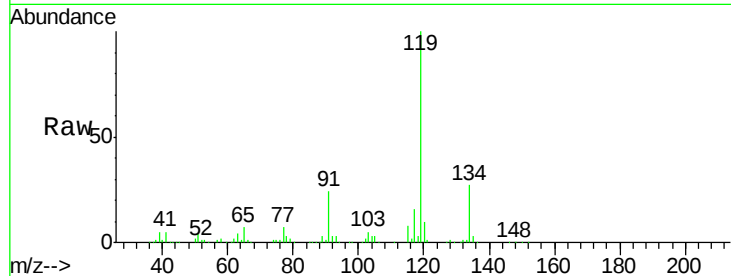




#79
 tert-butylbenzene
 Concen: 5.195 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

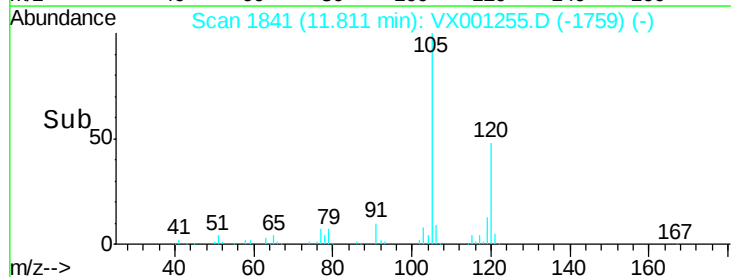
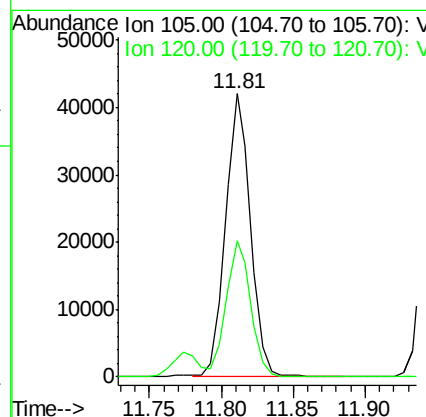
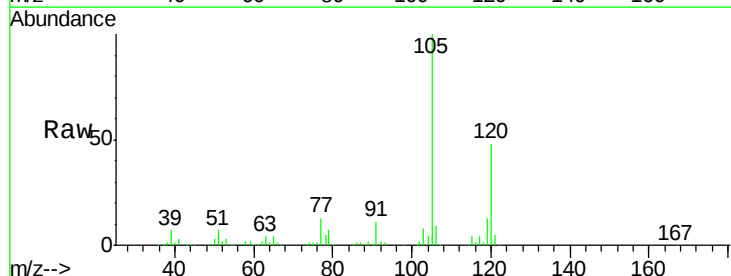
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

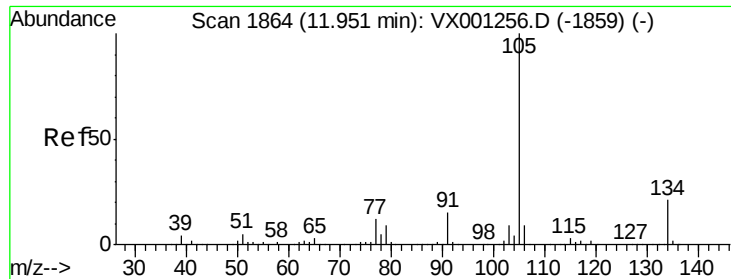
Tot Ion:119 Resp: 53073
 Ion Ratio Lower Upper
 119 100
 91 23.8 0.0 51.6
 134 27.8 0.0 60.2



#80
 1,2,4-Trimethylbenzene
 Concen: 4.898 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion:105 Resp: 51282
 Ion Ratio Lower Upper
 105 100
 120 46.8 0.0 93.0

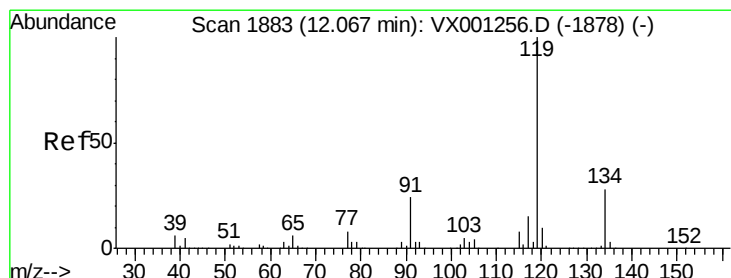
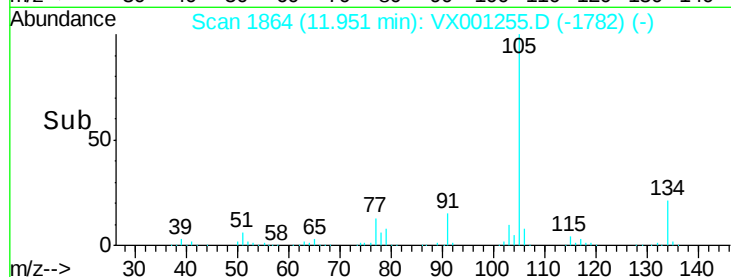
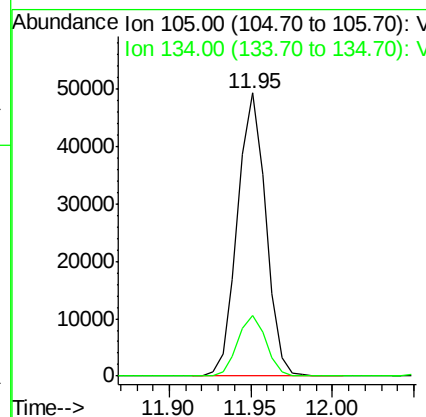
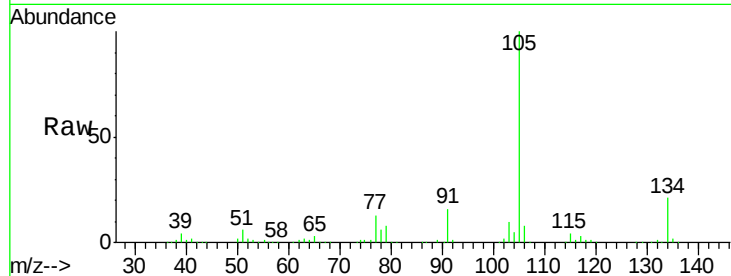




#81
 sec-Butylbenzene
 Concen: 4.725 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

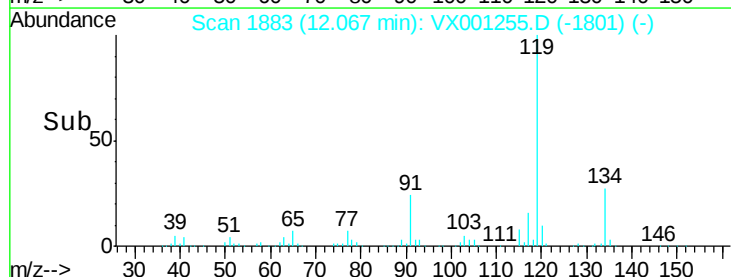
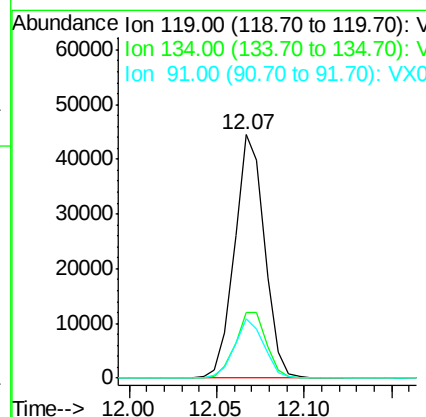
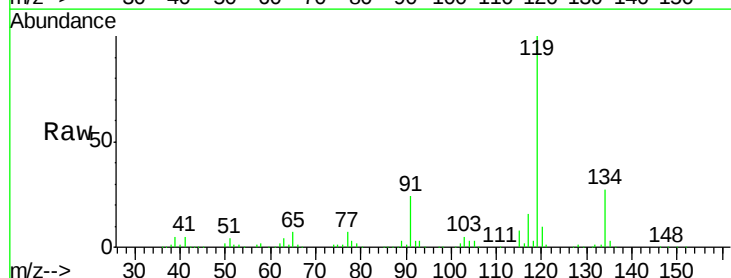
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

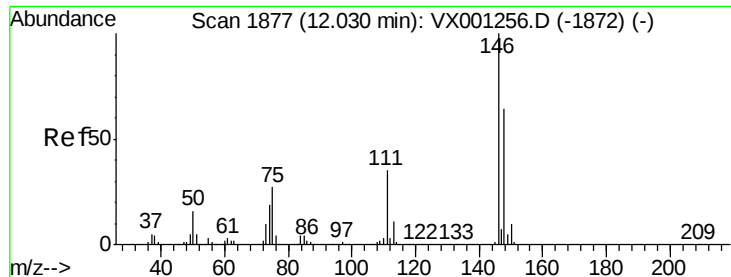
Tot Ion:105 Resp: 59666
 Ion Ratio Lower Upper
 105 100
 134 21.6 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 4.711 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion:119 Resp: 53073
 Ion Ratio Lower Upper
 119 100
 134 27.8 0.0 54.4
 91 23.8 0.0 46.6

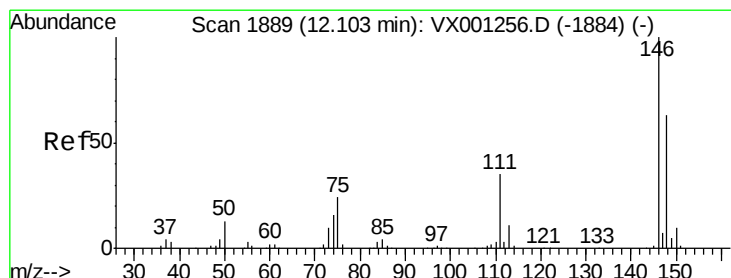
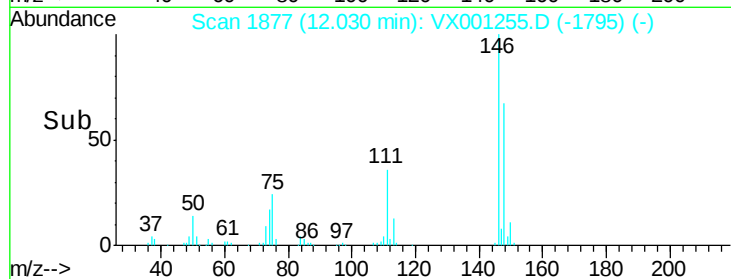
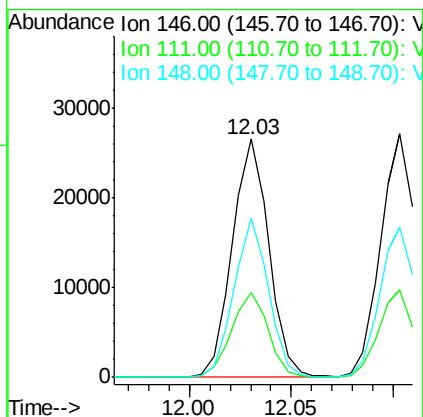
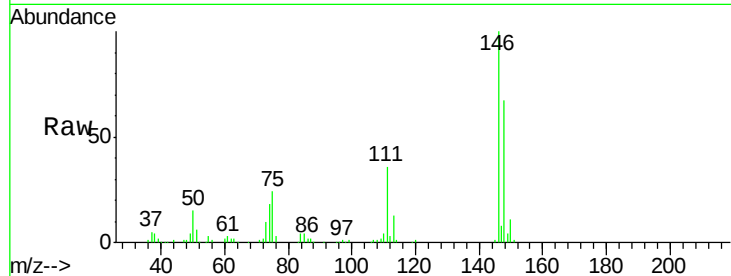




#83
 1,3-Dichlorobenzene
 Concen: 5.453 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

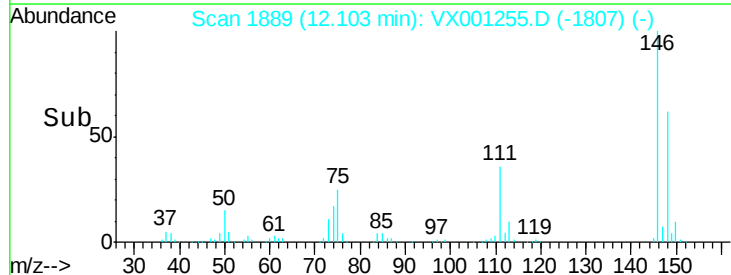
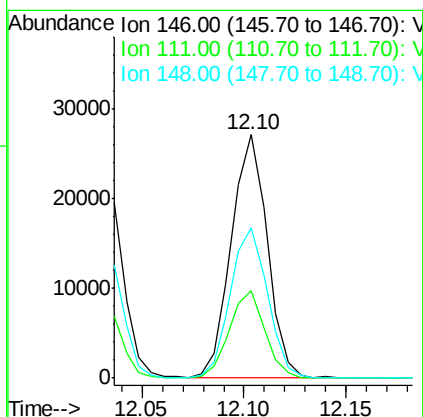
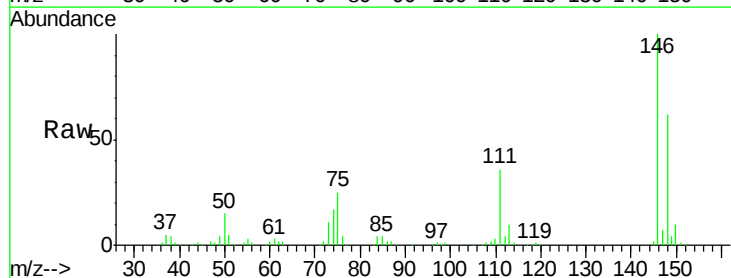
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

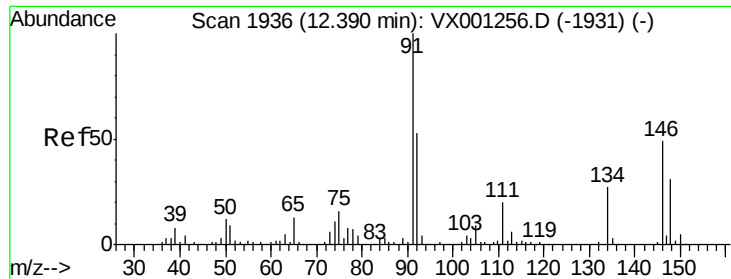
Tot Ion	Ratio	Lower	Upper
146	100		
111	35.6	19.4	58.2
148	63.3	32.6	97.7



#84
 1,4-Dichlorobenzene
 Concen: 5.288 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.3	18.4	55.0
148	63.6	31.9	95.7

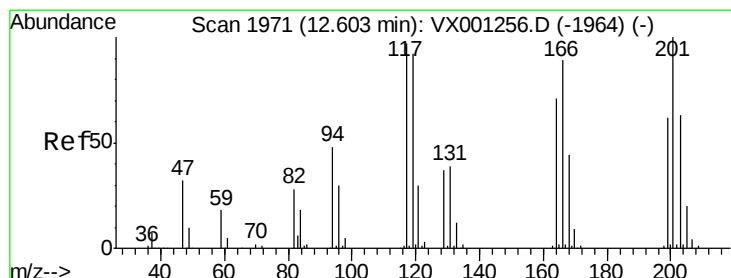
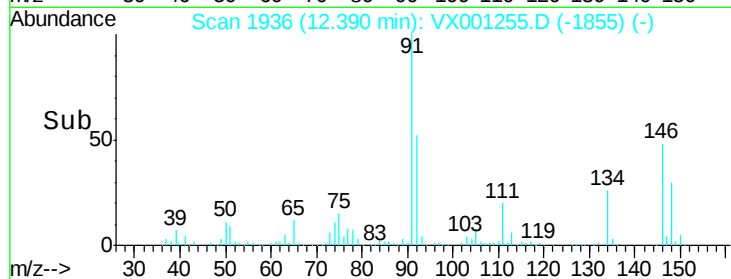
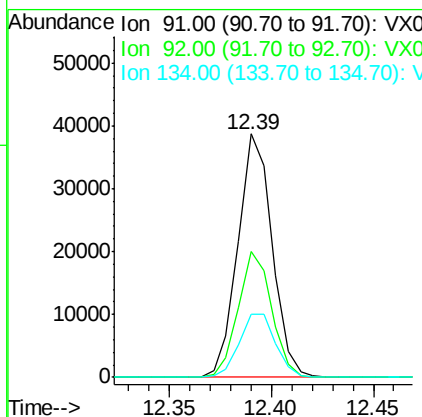
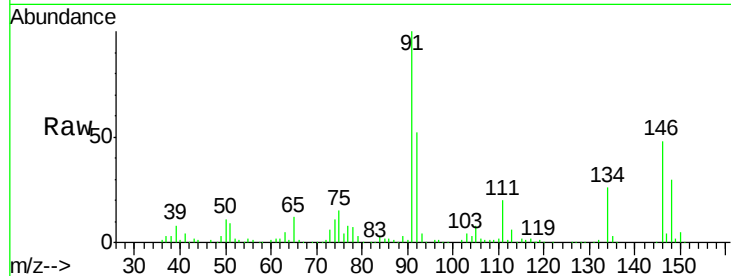




#85
n-Butylbenzene
Concen: 4.266 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

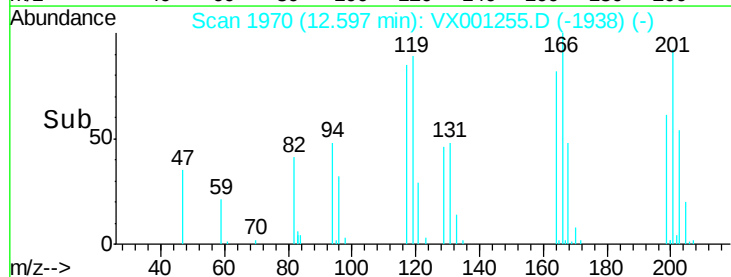
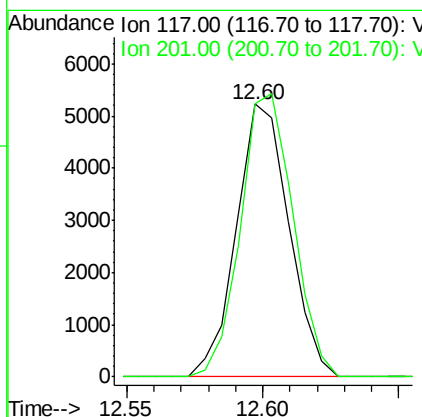
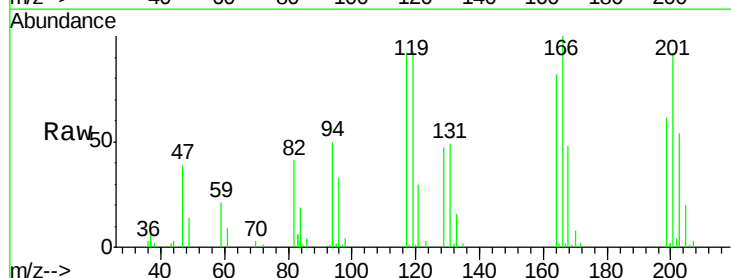
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

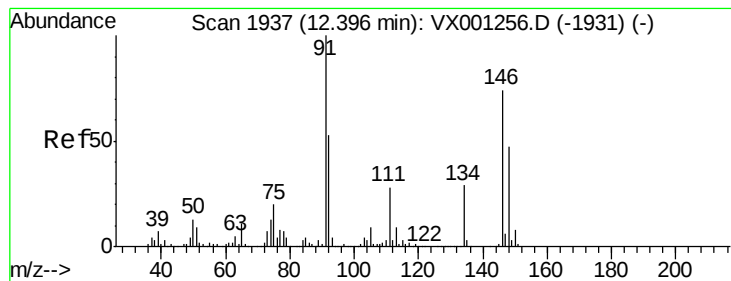
Tot Ion: 91 Resp: 45074
Ion Ratio Lower Upper
91 100
92 50.5 0.0 102.0
134 27.6 0.0 54.2



#86
Hexachloroethane
Concen: 3.730 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX001255.D
Acq: 30 Apr 2018 10:36

Tgt Ion: 117 Resp: 7020
Ion Ratio Lower Upper
117 100
201 103.2 38.9 116.6





#87

1,2-Dichlorobenzene

Concen: 5.356 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

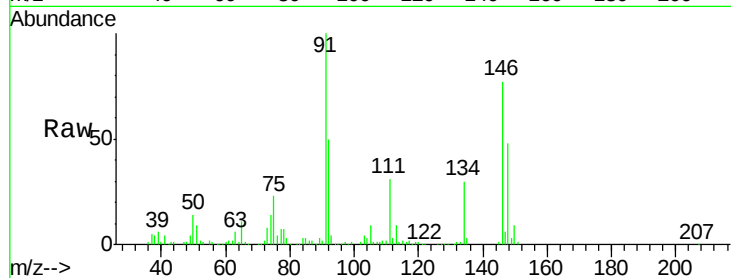
Tot Ion:146 Resp: 32087

Ion Ratio Lower Upper

146 100

111 38.6 20.0 60.0

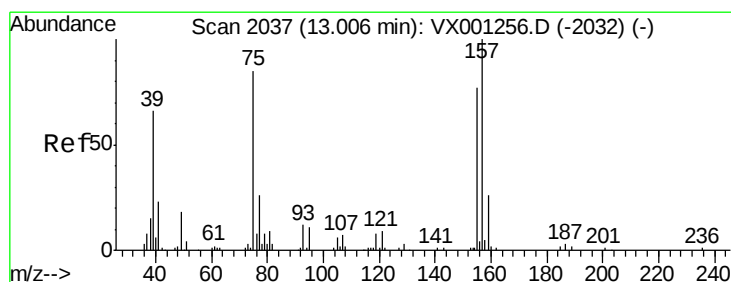
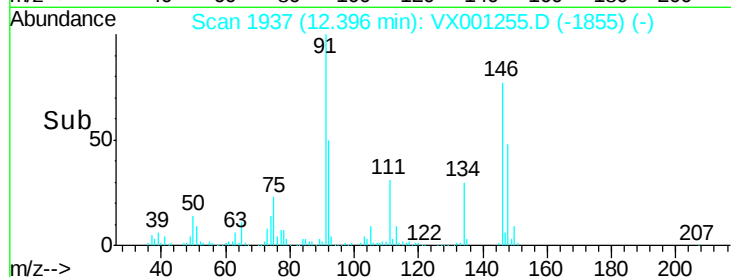
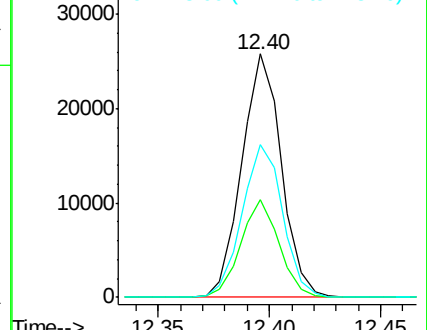
148 64.3 31.6 95.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 2.602 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

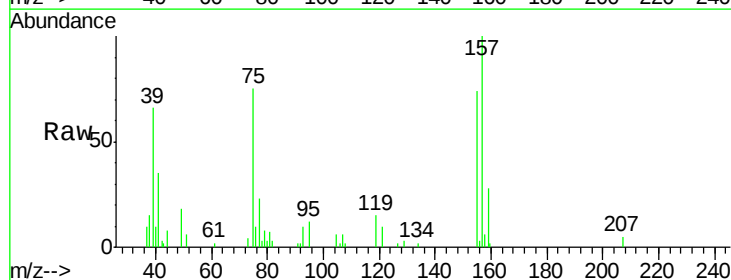
Tgt Ion: 75 Resp: 3032

Ion Ratio Lower Upper

75 100

155 99.1 75.1 112.7

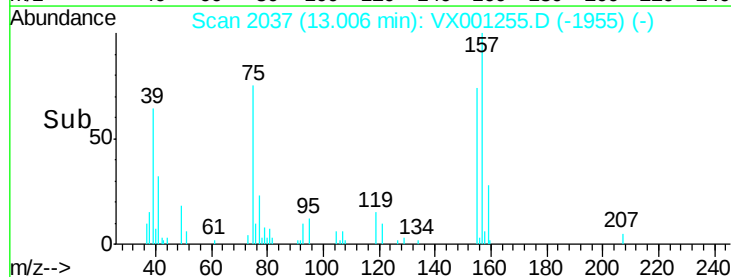
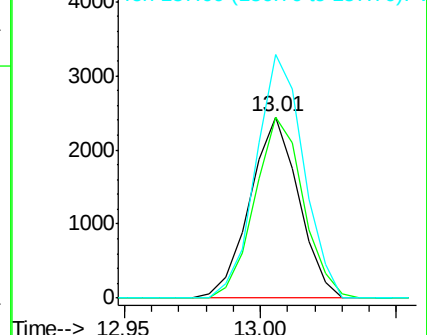
157 130.8 99.0 148.4

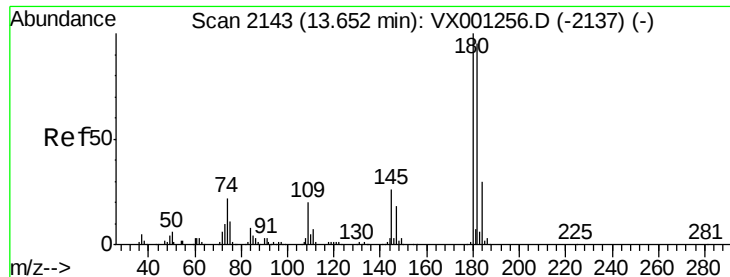


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

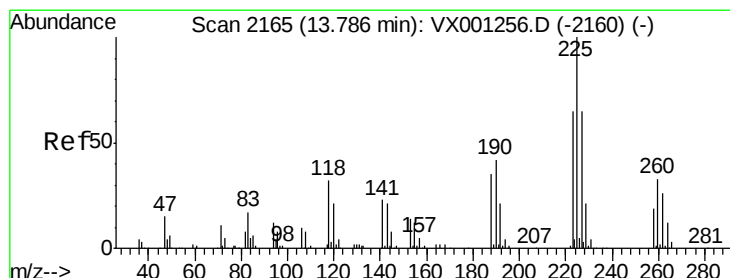
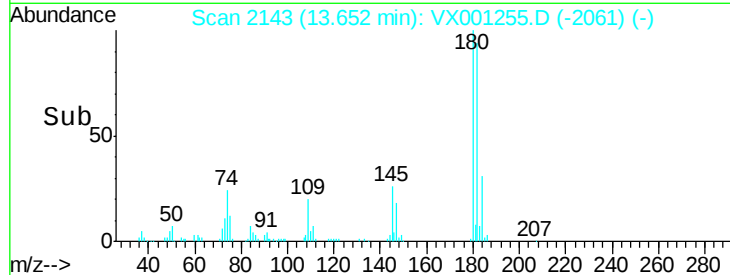
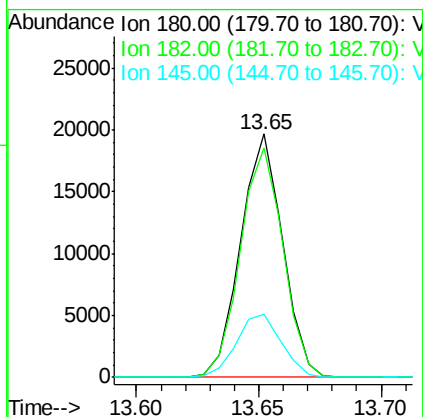
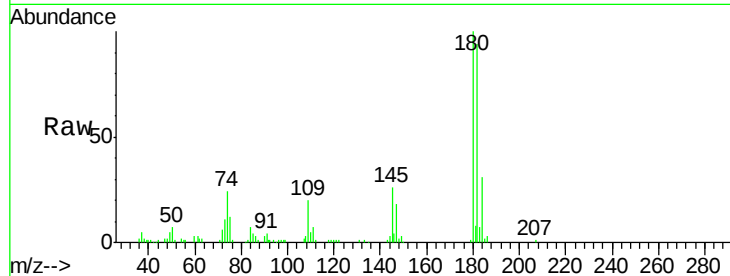




#89
 1,2,4-Trichlorobenzene
 Concen: 5.328 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

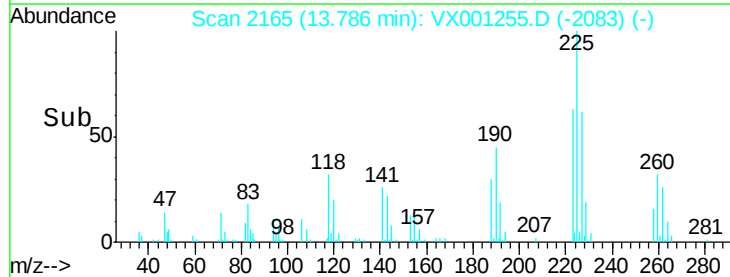
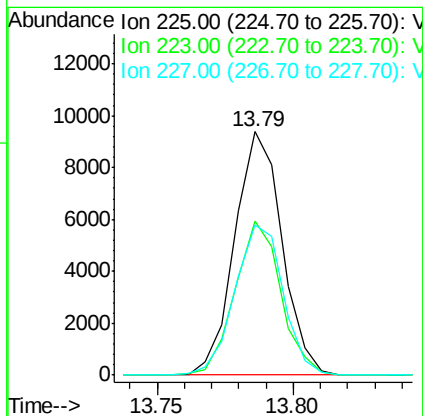
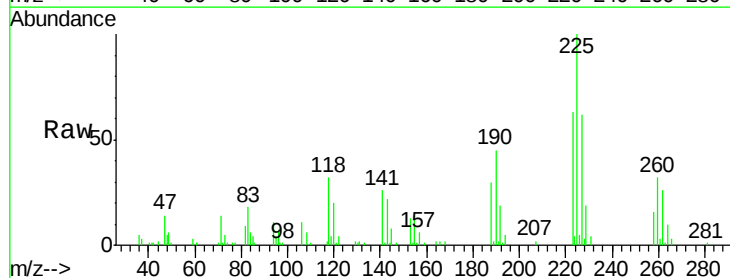
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

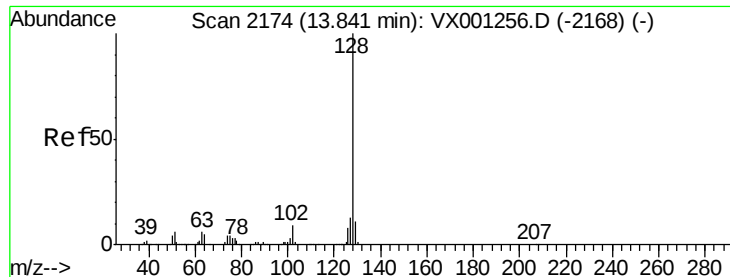
Tot Ion:180 Resp: 23442
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.3 114.5
 145 27.7 24.6 37.0



#90
 Hexachlorobutadiene
 Concen: 5.979 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001255.D
 Acq: 30 Apr 2018 10:36

Tgt Ion:225 Resp: 11333
 Ion Ratio Lower Upper
 225 100
 223 61.0 0.0 131.2
 227 63.3 0.0 127.6





#91

Naphthalene

Concen: 3.639 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

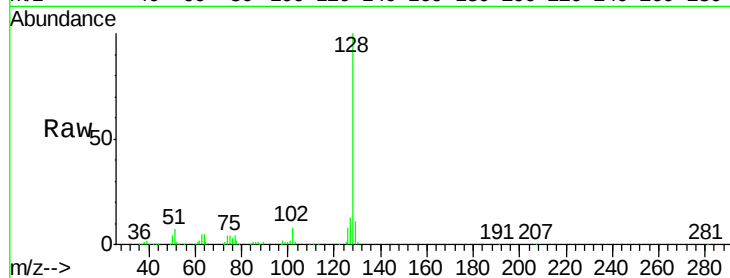
Tot Ion:128 Resp: 55950

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

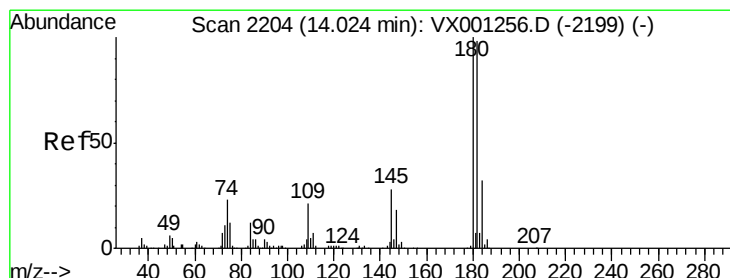
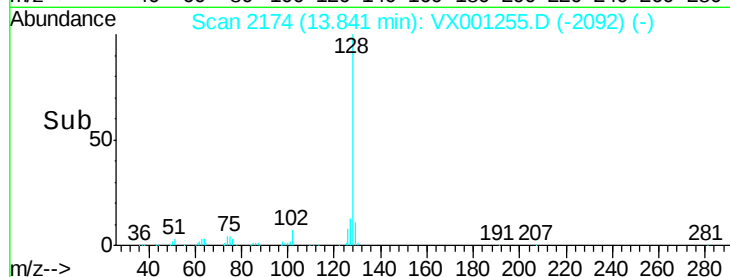
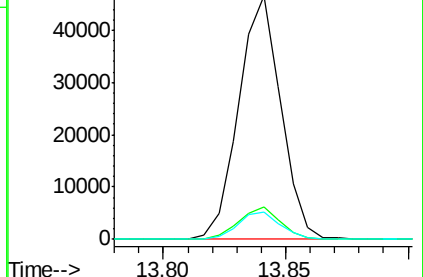
129 11.3 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 5.375 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001255.D

Acq: 30 Apr 2018 10:36

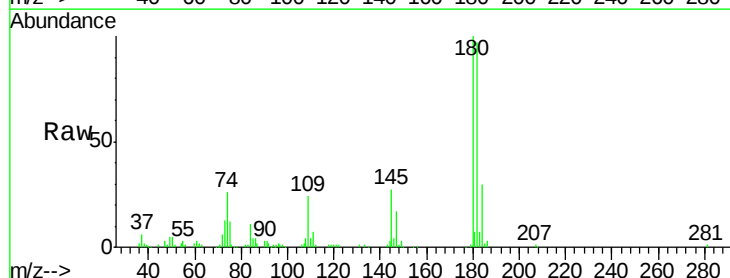
Tgt Ion:180 Resp: 23774

Ion Ratio Lower Upper

180 100

182 94.6 0.0 188.6

145 27.9 0.0 65.8



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

