

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071218\
 Data File : VX003343.D
 Acq On : 12 Jul 2018 11:11
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 12 13:06:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 13:04:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	64381	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.87	114	302038	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	269614	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	120581	24.53	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	81.77%
60) 4-Bromofluorobenzene	11.14	95	130966	29.41	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.03%
63) Toluene-d8	8.72	98	364375	30.94	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.13%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	19721	6.418	ug/l 99
3) Chloromethane	1.32	50	23623	7.081	ug/l 99
4) Vinyl Chloride	1.41	62	24959	6.715	ug/l 100
5) Bromomethane	1.64	94	11958	5.507	ug/l 96
6) Chloroethane	1.73	64	16256	6.503	ug/l 100
7) Trichlorofluoromethane	1.93	101	34566	5.232	ug/l 94
8) Diethyl Ether	2.19	74	14111	5.990	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	22382	5.919	ug/l 97
10) 1,1-Dichloroethene	2.38	96	20132	6.049	ug/l 95
11) Methyl Iodide	2.51	142	9966	2.600	ug/l 96
12) Methyl Acetate	2.78	43	26944	4.988	ug/l 97
13) Acrolein	2.29	56	15344	39.955	ug/l 95
14) Acrylonitrile	3.15	53	60314	29.689	ug/l 99
15) Acetone	2.45	58	16212	28.711	ug/l 79
16) Carbon Disulfide	2.57	76	58990	7.078	ug/l 98
17) Allyl chloride	2.73	41	37726	5.696	ug/l 95
18) Methylene Chloride	2.86	84	26315	6.908	ug/l 86
19) trans-1,2-Dichloroethene	3.17	96	22795	6.387	ug/l 89
20) Diisopropyl ether	3.87	45	71195	5.769	ug/l 95
21) 1,1-Dichloroethane	3.70	63	40187	6.056	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	24160	6.298	ug/l 94
23) tert-Butyl Alcohol	3.06	59	24409	26.464	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	66206	5.328	ug/l 90
25) Chloroform	5.21	83	36471	5.476	ug/l 89
26) Cyclohexane	5.57	56	29821	5.289	ug/l # 94
29) 1,1-Dichloropropene	5.80	75	25778	6.320	ug/l 98
30) 2-Butanone	4.71	43	74819	32.056	ug/l 93
31) 2,2-Dichloropropane	4.58	77	30432	6.981	ug/l 100
32) 1,1,1-Trichloroethane	5.50	97	29109	5.908	ug/l 98
33) Carbon Tetrachloride	5.78	117	24619	5.559	ug/l 94
34) Benzene	6.14	78	73851	6.114	ug/l 98
35) Methacrylonitrile	5.06	41	14838	5.839	ug/l 86
36) 1,2-Dichloroethane	6.20	62	26540	5.596	ug/l 98
37) Trichloroethene	7.21	130	20463	5.784	ug/l 99
38) Methylcyclohexane	7.46	83	27310	5.503	ug/l 99
39) 1,2-Dichloropropane	7.52	63	18913	6.002	ug/l 96
40) Dibromomethane	7.67	93	12430	5.678	ug/l 97

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 12 13:06:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 13:04:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	21797	5.301	ug/l	98
42) Vinyl Acetate	3.82	43	295972	33.436	ug/l	98
43) Ethyl Acetate	4.85	43	28291	6.338	ug/l #	92
44) Isopropyl Acetate	6.46	43	40019	5.351	ug/l	97
45) 1,4-Dioxane	7.76	88	8087	110.369	ug/l	96
46) Methyl methacrylate	7.78	41	18782	4.915	ug/l	89
47) n-amyl Acetate	10.90	43	29373	4.162	ug/l #	89
48) t-1,3-Dichloropropene	8.44	75	25395	5.260	ug/l	98
49) cis-1,3-Dichloropropene	9.04	75	21985	4.876	ug/l	96
50) 1,1,2-Trichloroethane	9.22	97	18316	5.672	ug/l	95
51) Ethyl methacrylate	9.18	69	24407	5.007	ug/l	84
52) 1,3-Dichloropropane	9.37	76	29663	5.624	ug/l	99
53) Dibromochloromethane	9.59	129	15970	4.659	ug/l	99
54) 1,2-Dibromoethane	9.68	107	18533	5.446	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	42443	18.333	ug/l	99
56) Bromoform	10.86	173	11703	4.276	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	121203	26.477	ug/l	96
59) 2-Hexanone	9.50	43	90200	25.776	ug/l	97
61) Tetrachloroethene	9.34	164	23185	6.266	ug/l	97
62) Toluene	8.79	91	77535	5.966	ug/l	100
64) Chlorobenzene	10.14	112	51484	5.963	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	16820	5.314	ug/l	98
66) Ethyl Benzene	10.26	91	80339	5.489	ug/l	100
67) m/p-Xylenes	10.36	106	62768	11.035	ug/l	98
68) o-Xylene	10.70	106	29645	5.350	ug/l	99
69) Styrene	10.71	104	50449	5.457	ug/l	96
70) Isopropylbenzene	11.02	105	80233	5.251	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	25451	5.572	ug/l	96
72) 1,2,3-Trichloropropane	11.30	75	28767	7.265	ug/l	94
73) Bromobenzene	11.26	156	24188	5.692	ug/l	95
74) n-propylbenzene	11.36	91	95700	5.395	ug/l	100
75) 2-Chlorotoluene	11.42	91	57957	5.614	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	68035	5.244	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	5577	4.379	ug/l	77
78) 4-Chlorotoluene	11.51	91	66864	5.468	ug/l	97
79) tert-butylbenzene	12.07	119	70767	4.945	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	67520	5.096	ug/l	99
81) sec-Butylbenzene	11.95	105	81282	5.121	ug/l	99
82) p-Isopropyltoluene	12.07	119	70767	4.945	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	44783	5.727	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	44694	5.659	ug/l	99
85) n-Butylbenzene	12.39	91	62513	4.928	ug/l	98
86) Hexachloroethane	12.60	117	9533	4.395	ug/l	96
87) 1,2-Dichlorobenzene	12.40	146	43059	5.453	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	4463	4.374	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	30766	5.161	ug/l	98
90) Hexachlorobutadiene	13.79	225	17011	5.482	ug/l	99
91) Naphthalene	13.83	128	78132	4.945	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	32343	5.454	ug/l	99

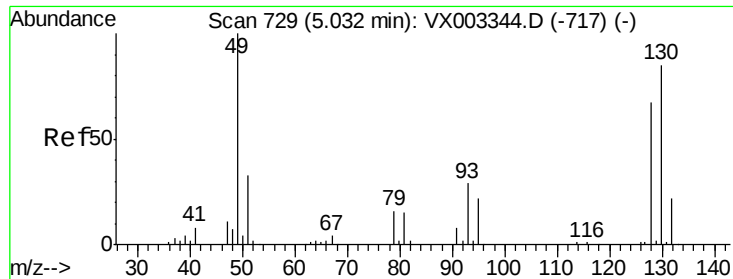
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071218\
Data File : VX003343.D
Acq On : 12 Jul 2018 11:11
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jul 12 13:06:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 12 13:04:19 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: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

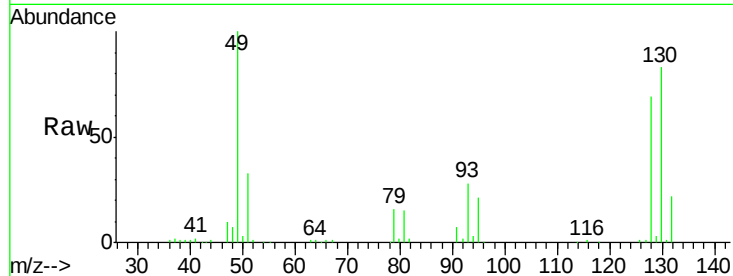
Tot Ion:128 Resp: 64381

Ion Ratio Lower Upper

128 100

49 151.2 0.0 423.0

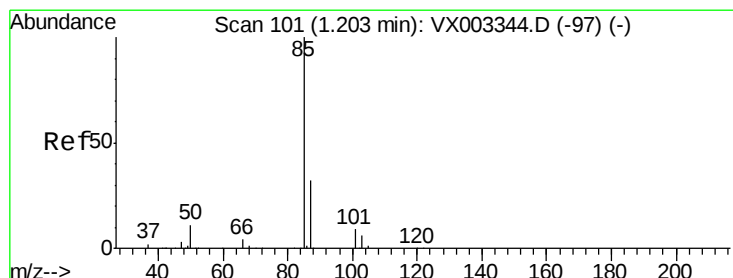
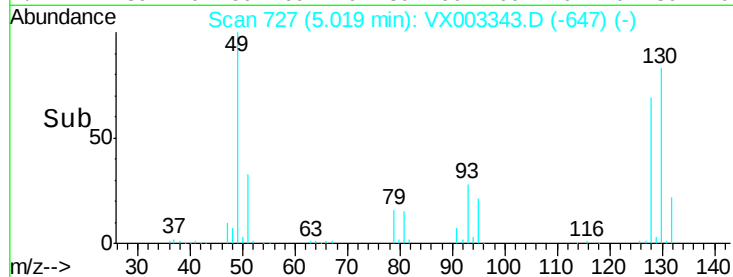
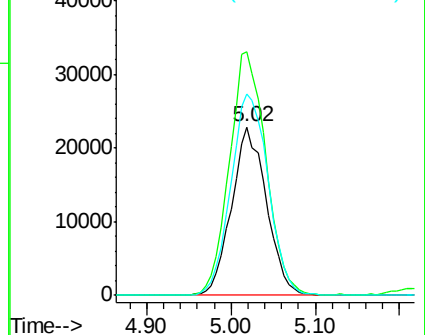
130 127.8 0.0 324.3



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



#2

Dichlorodifluoromethane

Concen: 6.418 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX003343.D

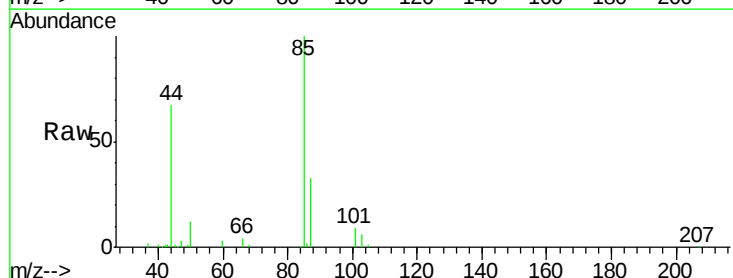
Acq: 12 Jul 2018 11:11

Tgt Ion: 85 Resp: 19721

Ion Ratio Lower Upper

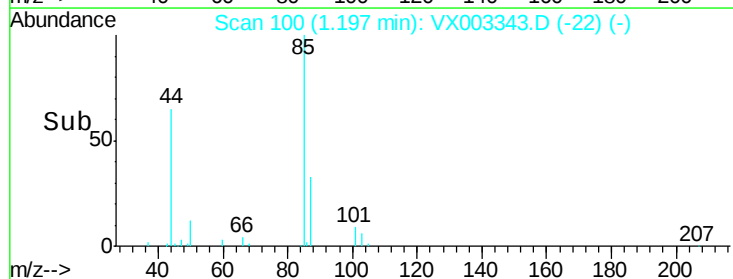
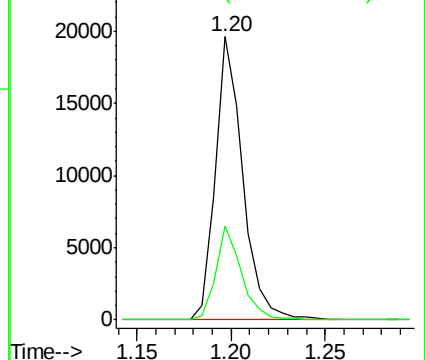
85 100

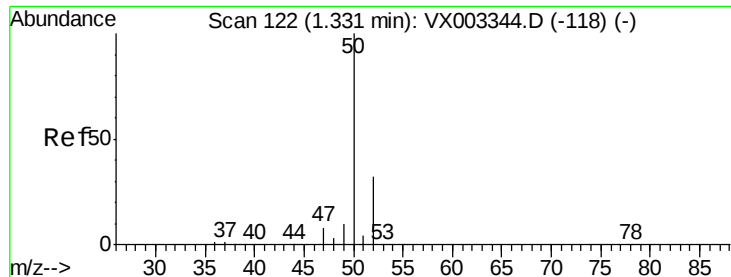
87 33.0 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

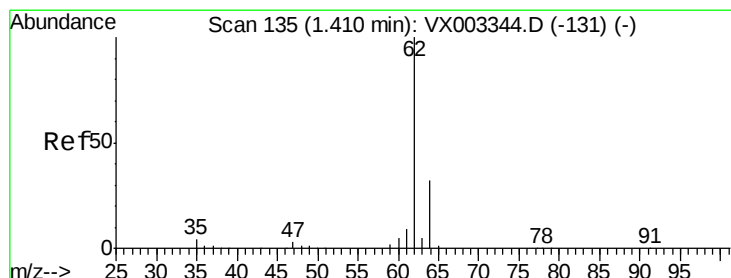
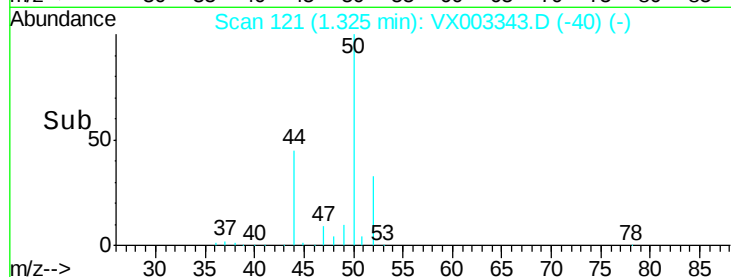
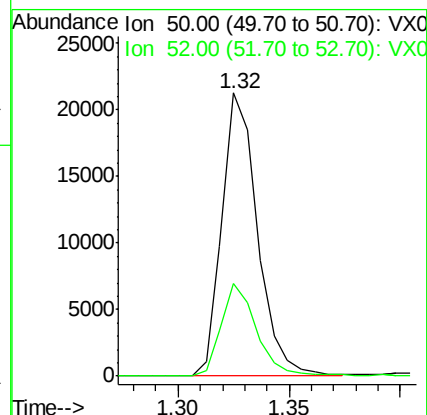
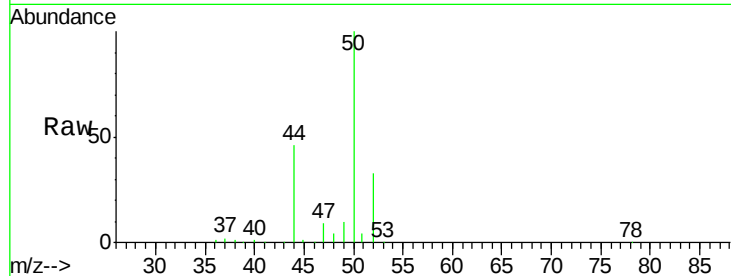




#3
Chloromethane
Concen: 7.081 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.01 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

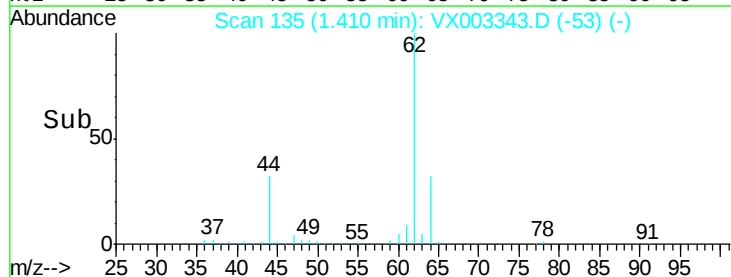
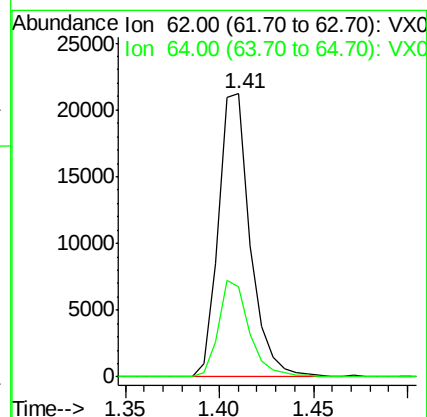
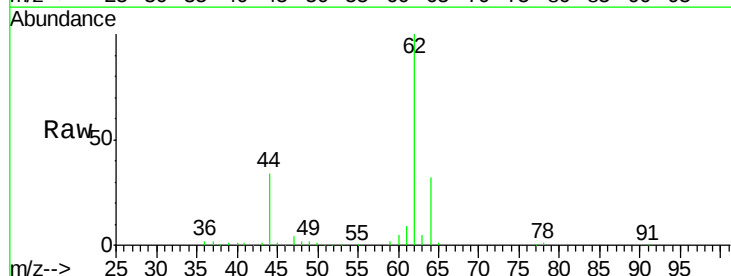
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

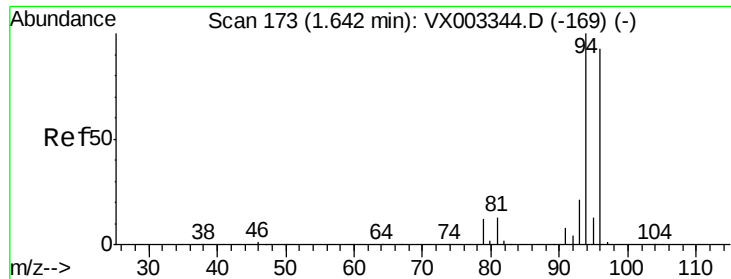
Tot Ion: 50 Resp: 23623
Ion Ratio Lower Upper
50 100
52 32.7 25.6 38.4



#4
Vinyl Chloride
Concen: 6.715 ug/l
RT: 1.41 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Tgt Ion: 62 Resp: 24959
Ion Ratio Lower Upper
62 100
64 31.9 25.3 37.9





#5

Bromomethane

Concen: 5.507 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

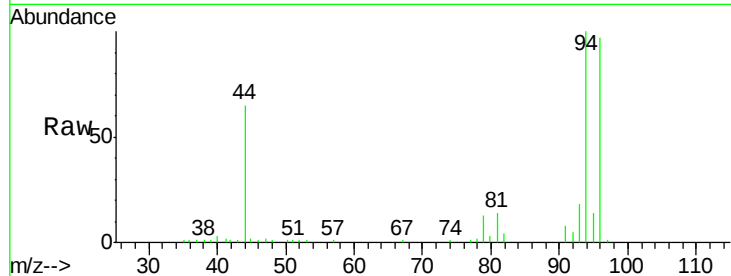
VSTDIC005

Tot Ion: 94 Resp: 11958

Ion Ratio Lower Upper

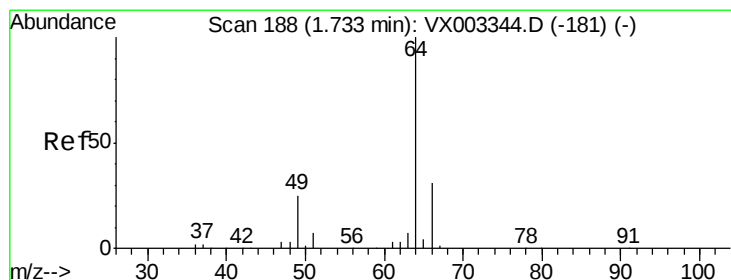
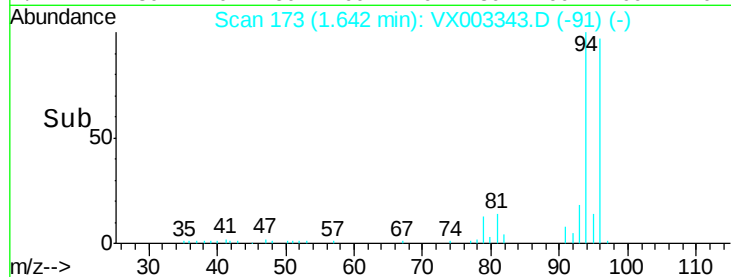
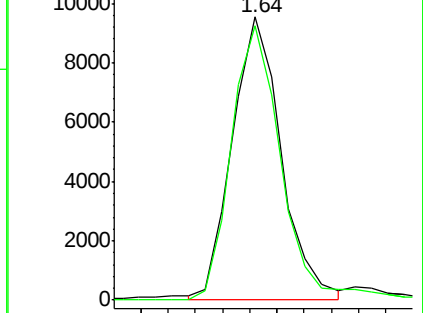
94 100

96 98.4 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 6.503 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX003343.D

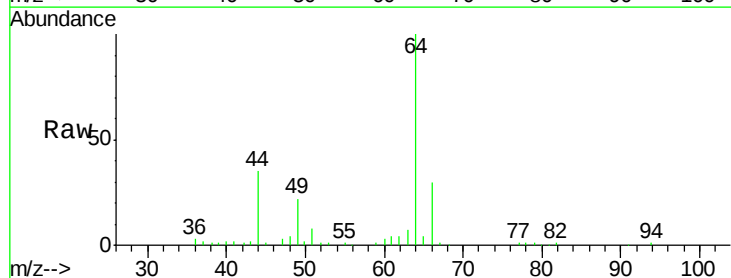
Acq: 12 Jul 2018 11:11

Tgt Ion: 64 Resp: 16256

Ion Ratio Lower Upper

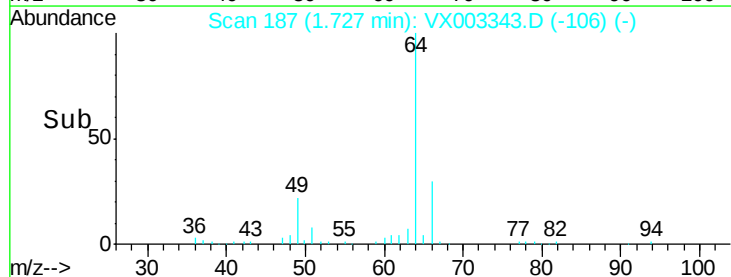
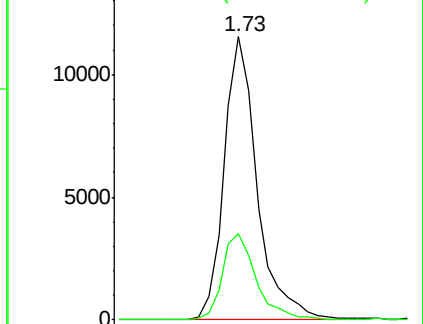
64 100

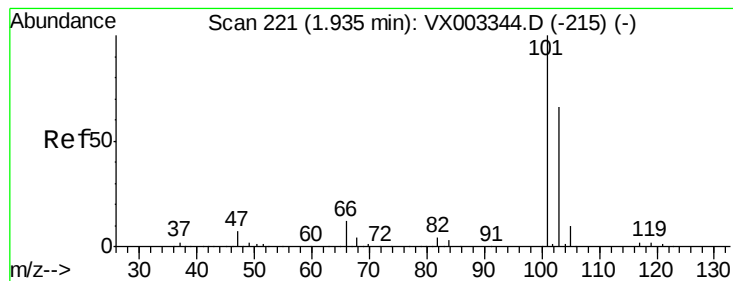
66 30.4 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



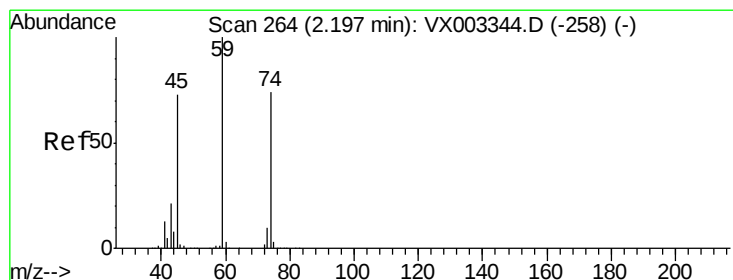
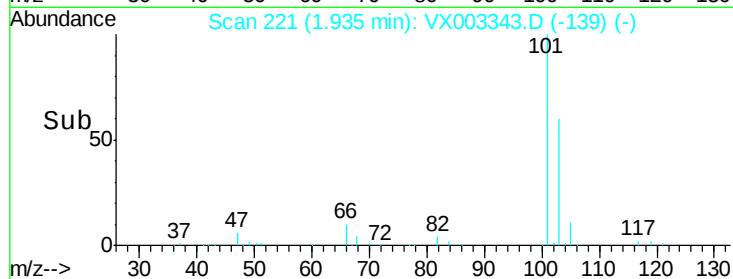
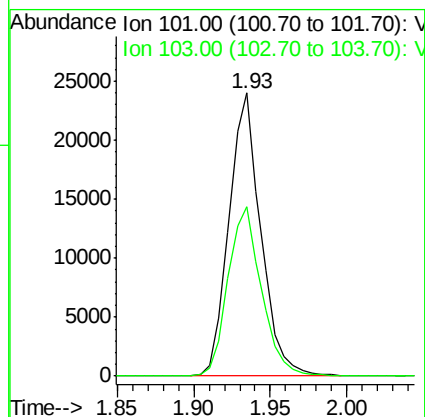
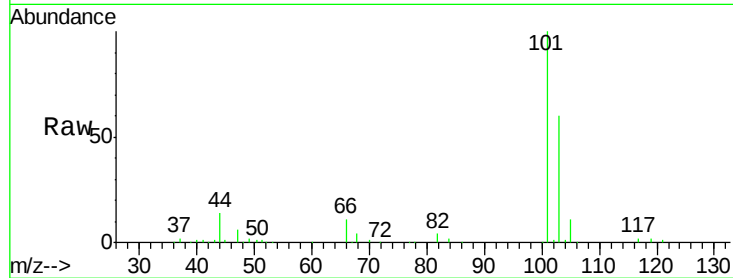


#7

Trichlorofluoromethane
 Concen: 5.232 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX003343.D
 Acq: 12 Jul 2018 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

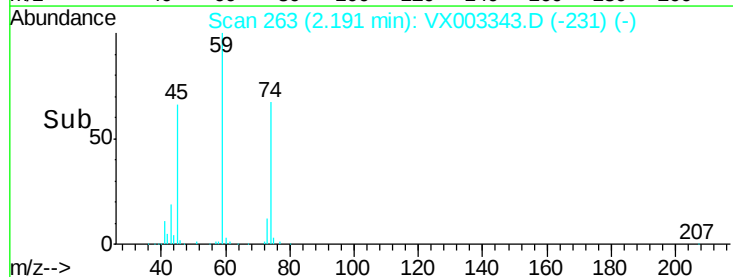
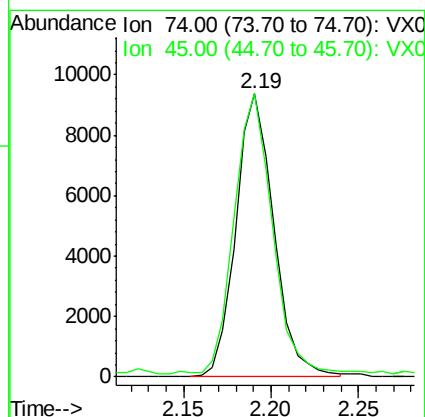
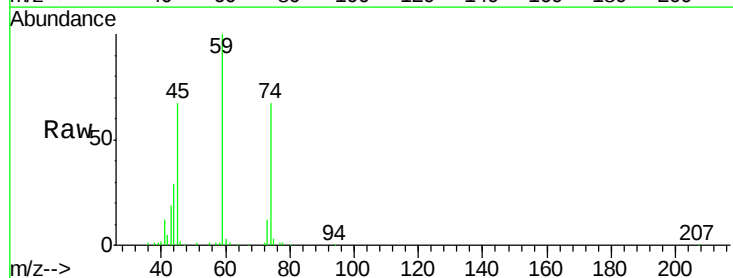
Tot Ion:101 Resp: 34566
 Ion Ratio Lower Upper
 101 100
 103 59.5 51.5 77.3

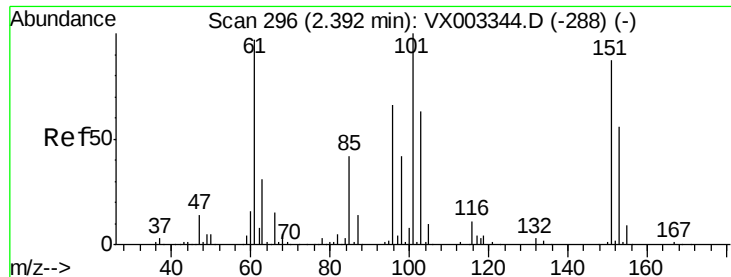


#8

Diethyl Ether
 Concen: 5.990 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX003343.D
 Acq: 12 Jul 2018 11:11

Tgt Ion: 74 Resp: 14111
 Ion Ratio Lower Upper
 74 100
 45 100.2 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.919 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

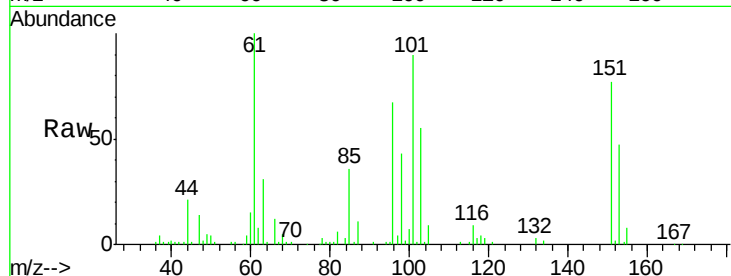
Tot Ion:101 Resp: 22382

Ion Ratio Lower Upper

101 100

85 43.2 0.0 87.0

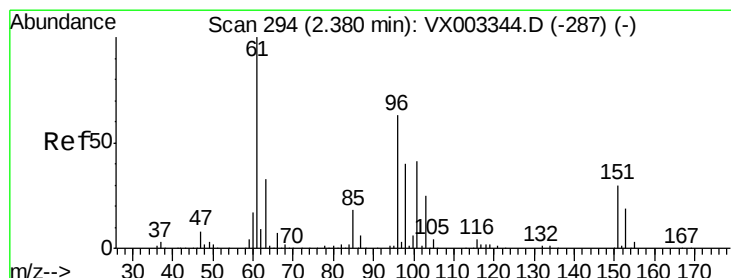
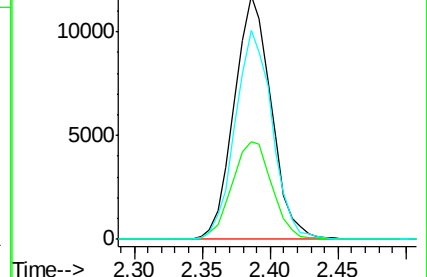
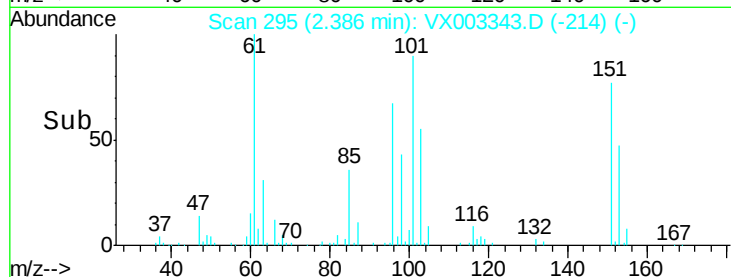
151 85.5 0.0 177.6



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: 6.049 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

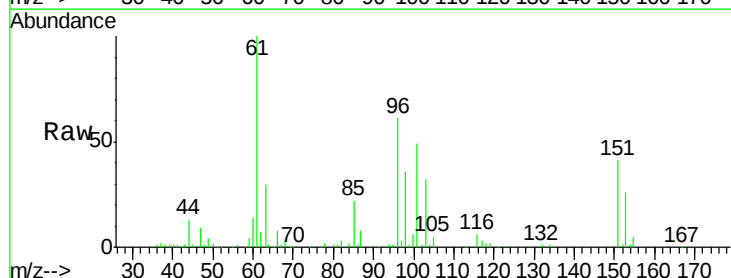
Tgt Ion: 96 Resp: 20132

Ion Ratio Lower Upper

96 100

61 165.2 137.5 206.3

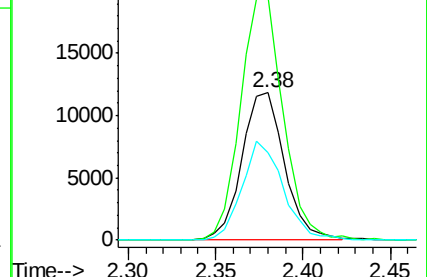
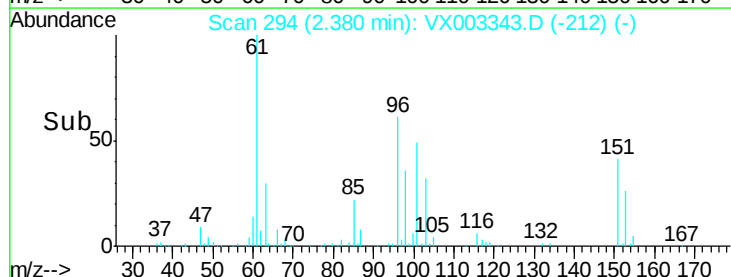
98 59.0 51.4 77.2

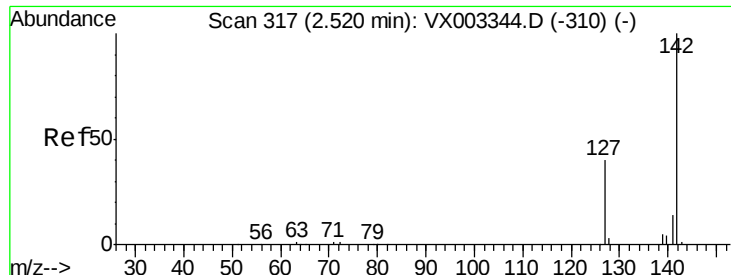


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

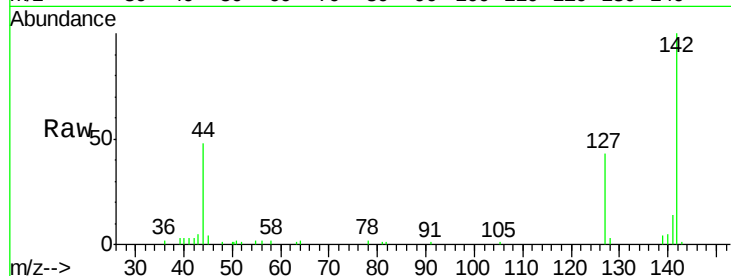




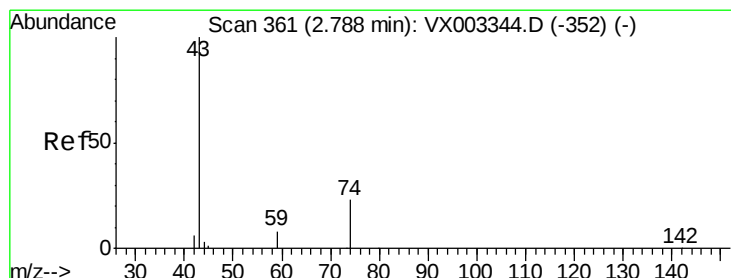
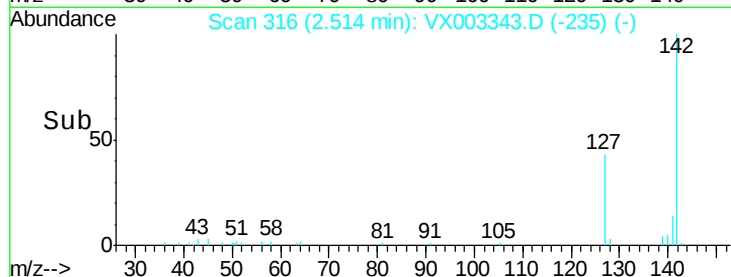
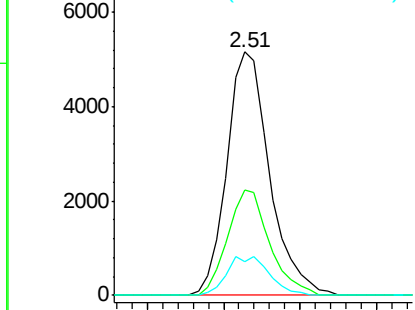
#11
Methyl Iodide
Concen: 2.600 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:142 Resp: 9966
Ion Ratio Lower Upper
142 100
127 43.1 23.2 69.6
141 13.8 7.4 22.2

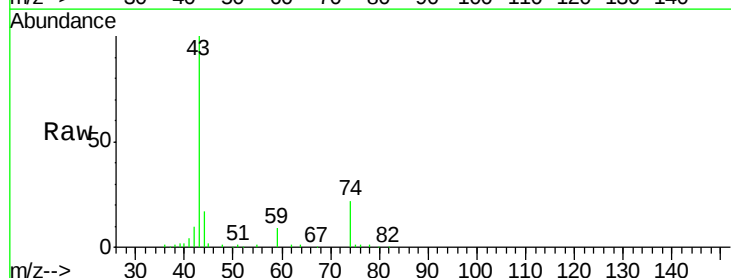


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

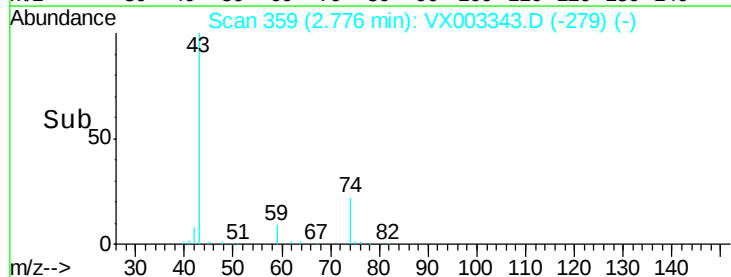
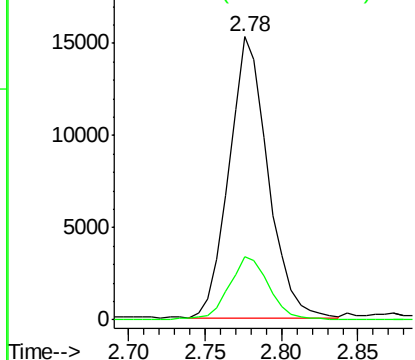


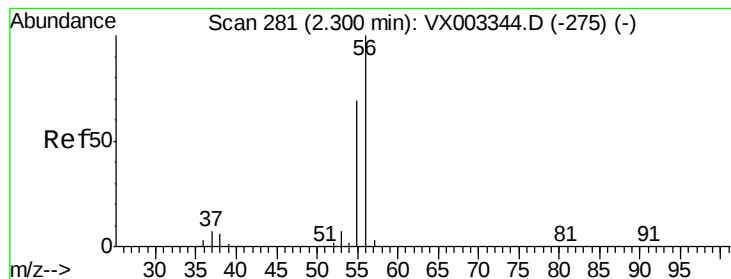
#12
Methyl Acetate
Concen: 4.988 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Tgt Ion: 43 Resp: 26944
Ion Ratio Lower Upper
43 100
74 22.0 16.4 24.6



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





#13

Acrolein

Concen: 39.955 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

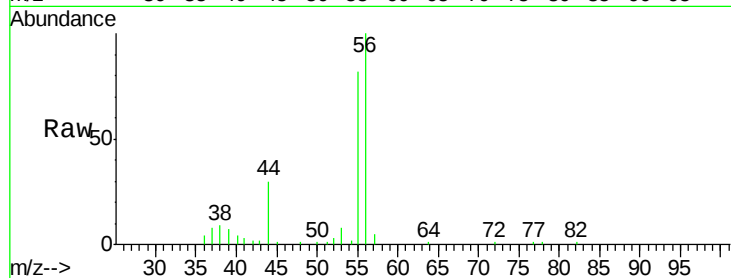
VSTDIC005

Tot Ion: 56 Resp: 15344

Ion Ratio Lower Upper

56 100

55 75.7 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

10000

8000

6000

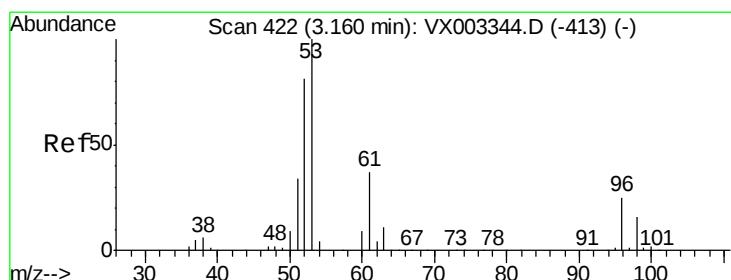
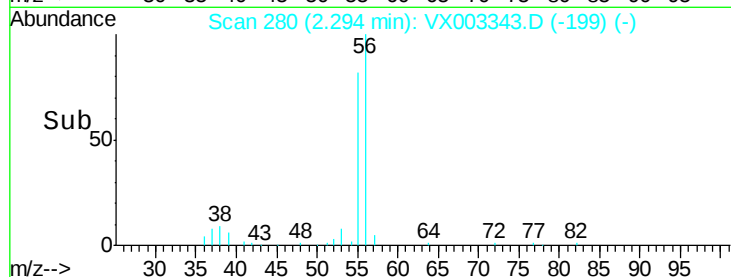
4000

2000

0

Time-->

2.25 2.30 2.35



#14

Acrylonitrile

Concen: 29.689 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

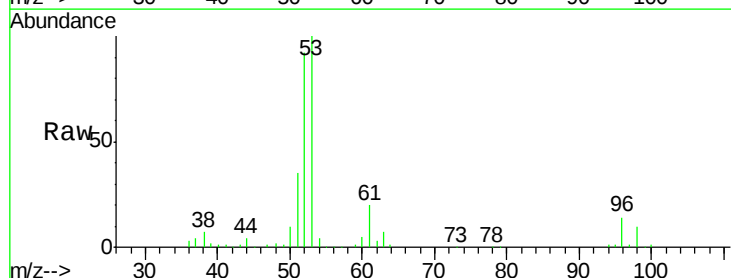
Tgt Ion: 53 Resp: 60314

Ion Ratio Lower Upper

53 100

52 82.7 41.5 124.6

51 33.9 17.9 53.8



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

3.15

30000

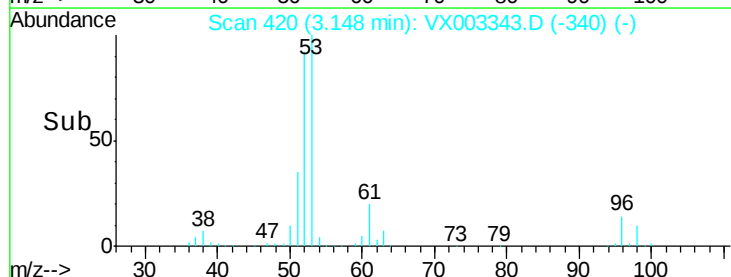
20000

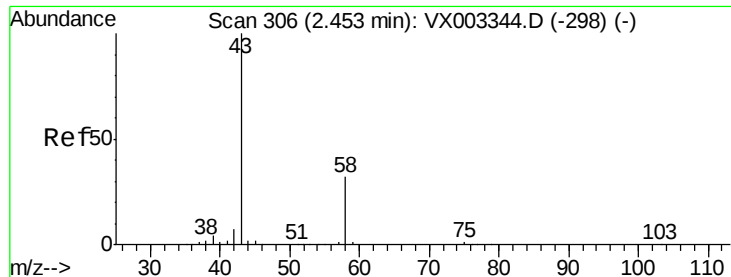
10000

0

Time-->

3.10 3.20 3.30





#15

Acetone

Concen: 28.711 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

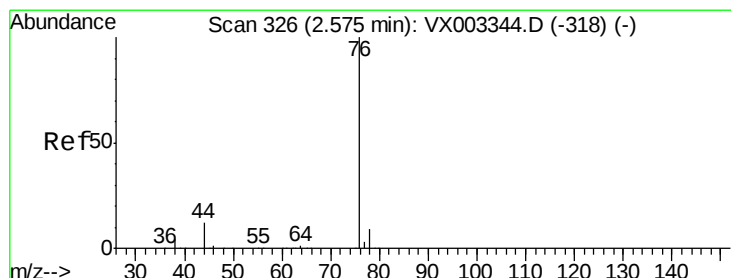
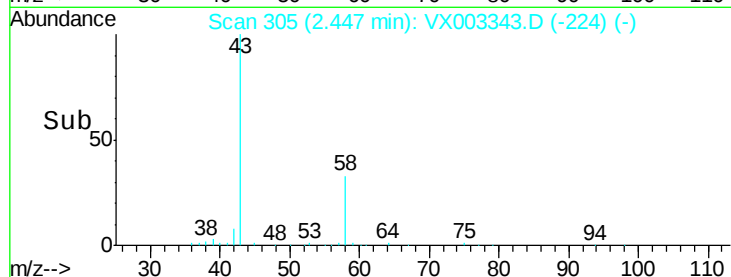
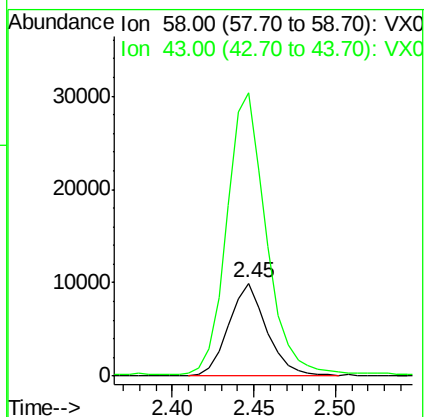
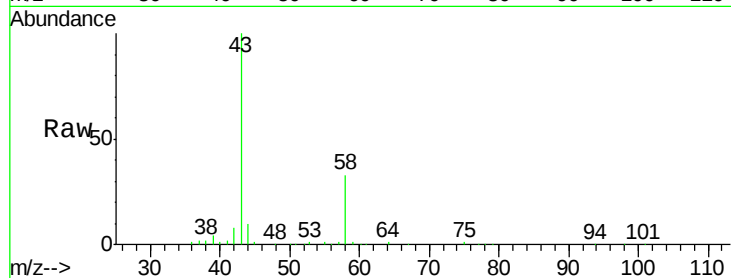
VSTDIC005

Tot Ion: 58 Resp: 16212

Ion Ratio Lower Upper

58 100

43 303.6 278.8 418.2



#16

Carbon Disulfide

Concen: 7.078 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX003343.D

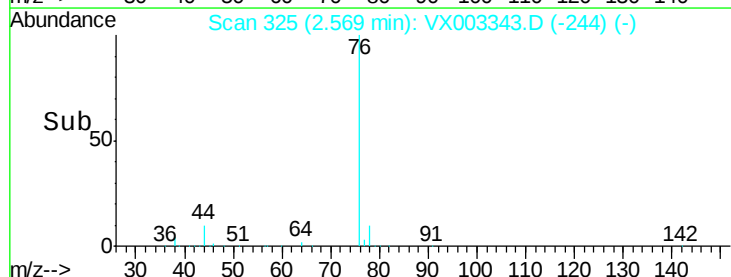
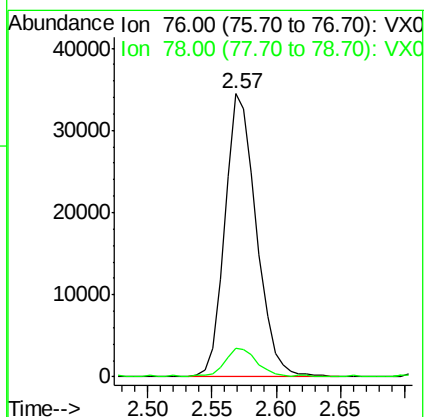
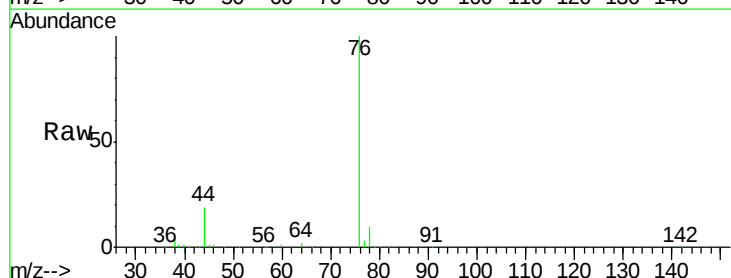
Acq: 12 Jul 2018 11:11

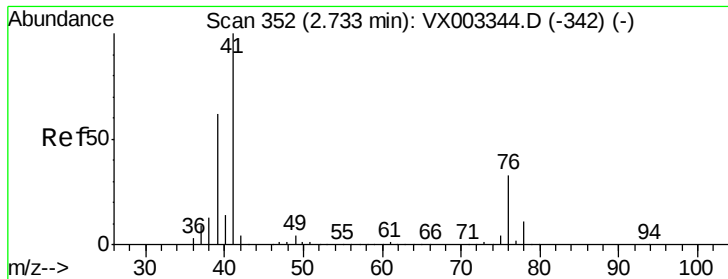
Tgt Ion: 76 Resp: 58990

Ion Ratio Lower Upper

76 100

78 10.0 7.4 11.0





#17

Allvl chloride

Concen: 5.696 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

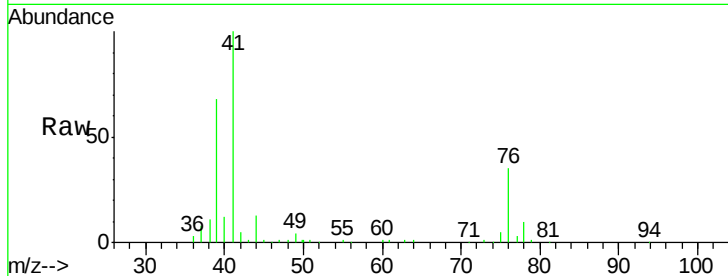
Tot Ion: 41 Resp: 37726

Ion Ratio Lower Upper

41 100

39 67.5 34.6 103.8

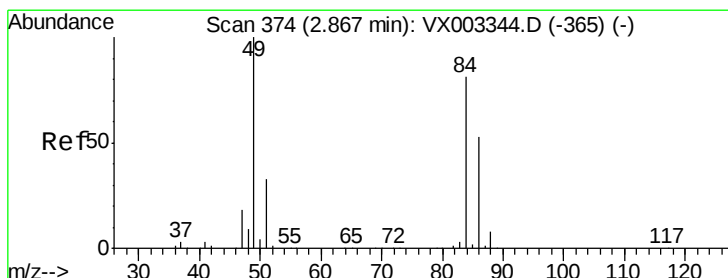
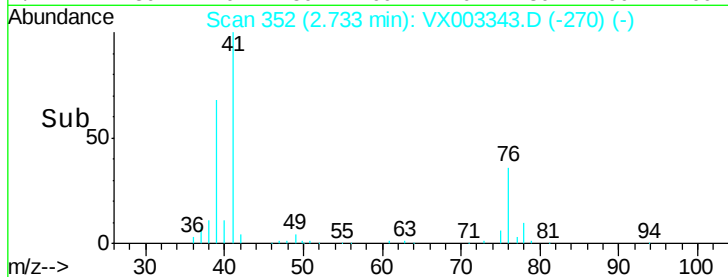
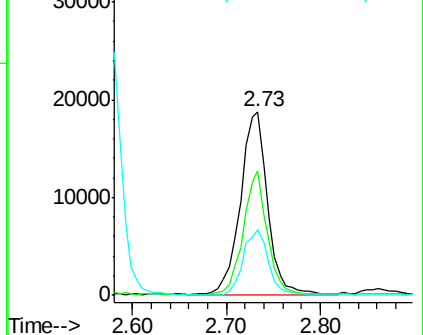
76 35.6 15.0 45.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 6.908 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

Tgt Ion: 84 Resp: 26315

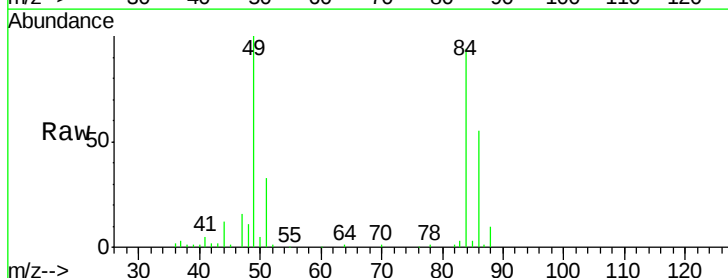
Ion Ratio Lower Upper

84 100

49 106.3 104.7 157.1

51 35.6 31.0 46.4

86 58.4 50.8 76.2

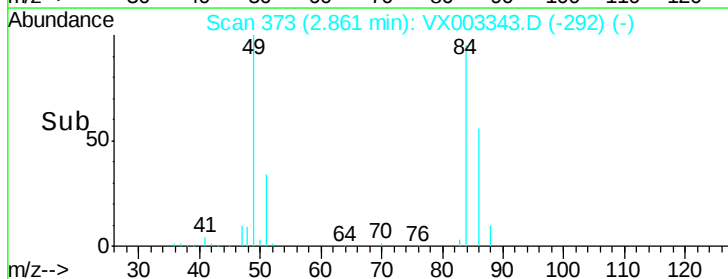
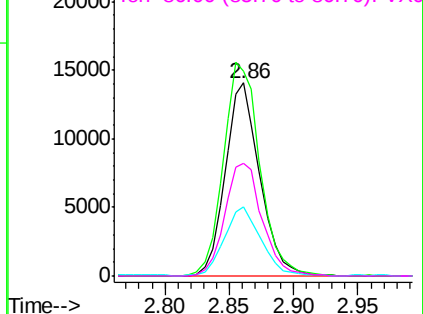


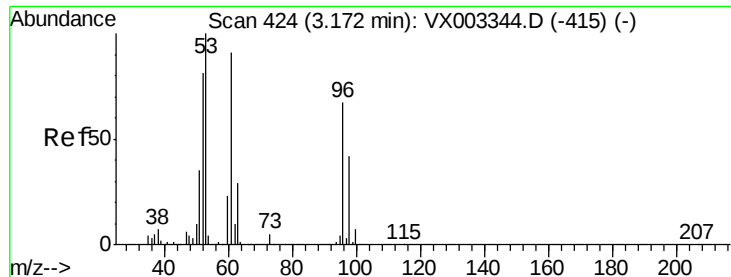
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

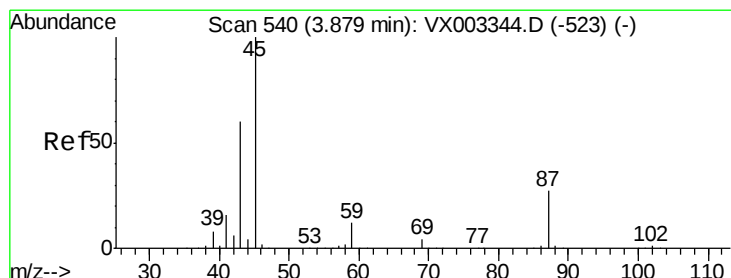
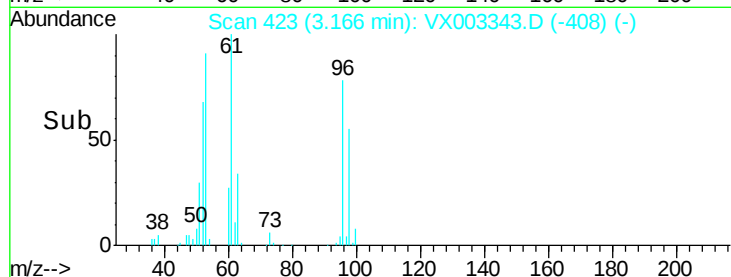
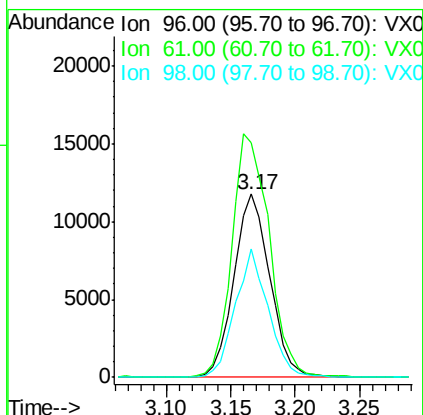
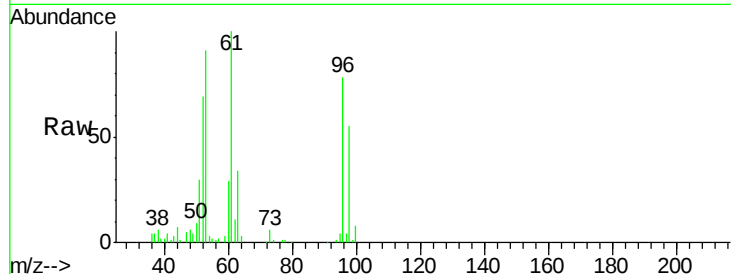




#19
trans-1,2-Dichloroethene
Concen: 6.387 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.01 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

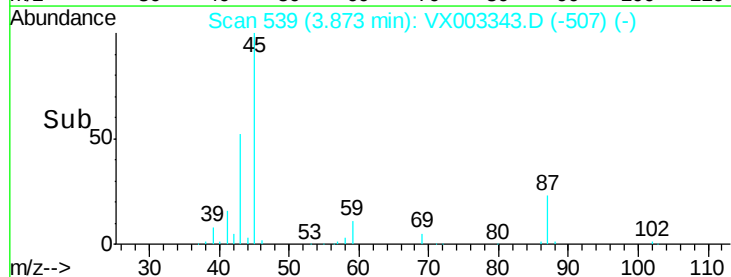
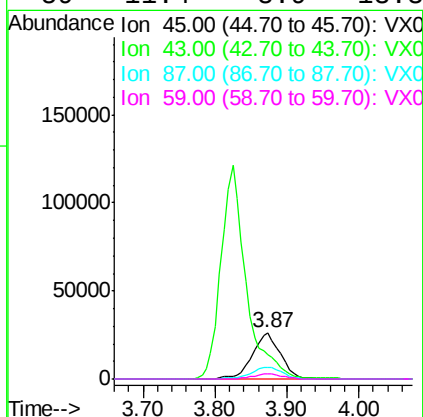
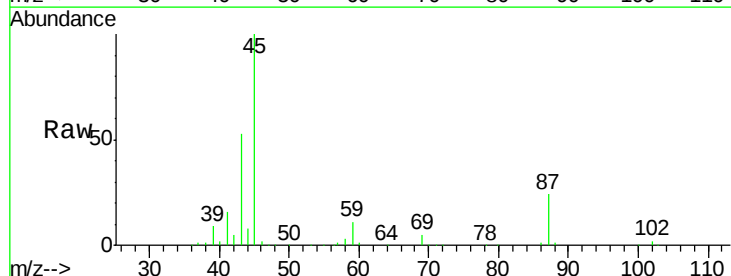
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

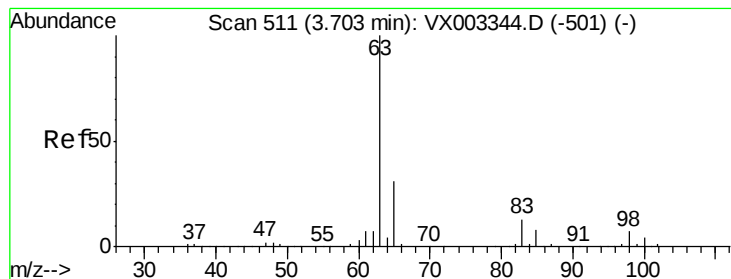
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.4	114.6	172.0
98	70.2	51.3	76.9



#20
Diisopropyl ether
Concen: 5.769 ug/l
RT: 3.87 min Scan# 539
Delta R.T. -0.01 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Tgt Ion	Ratio	Lower	Upper
45	100		
43	52.4	45.6	68.4
87	23.7	20.7	31.1
59	11.4	8.9	13.3





#21

1,1-Dichloroethane

Concen: 6.056 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

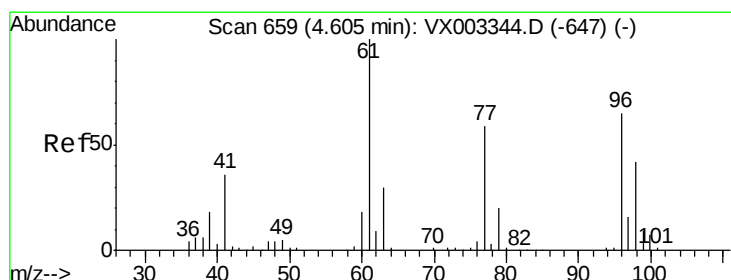
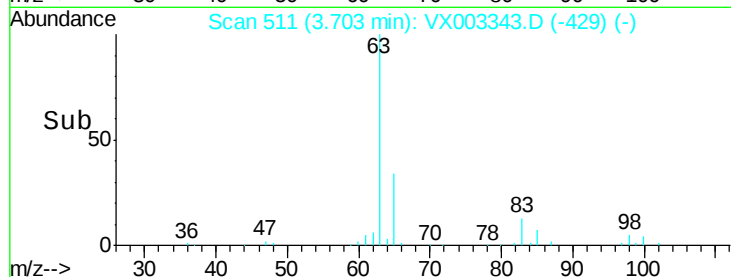
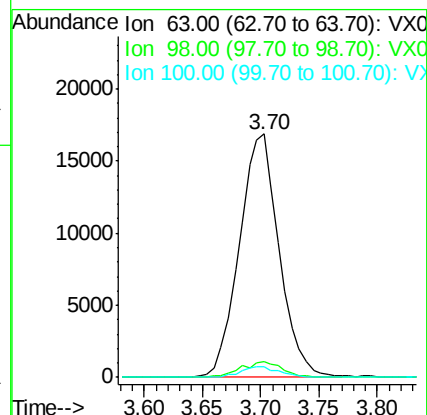
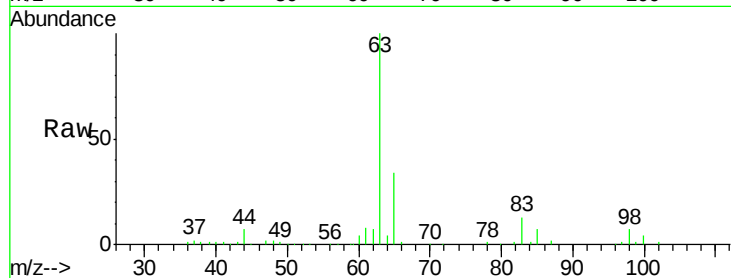
Tot Ion: 63 Resp: 40187

Ion Ratio Lower Upper

63 100

98 6.6 3.1 9.3

100 4.5 2.2 6.6



#22

cis-1,2-Dichloroethene

Concen: 6.298 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

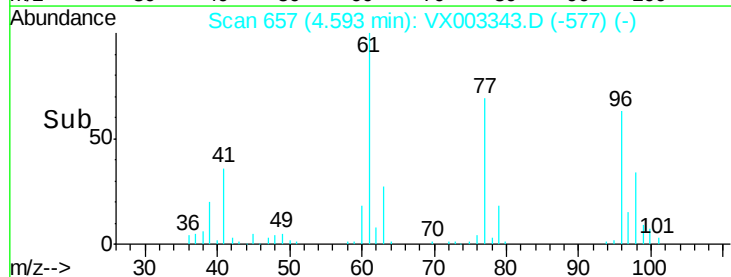
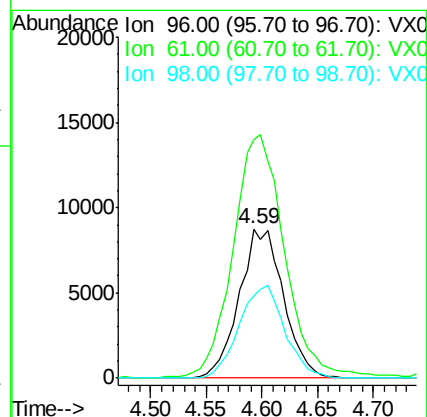
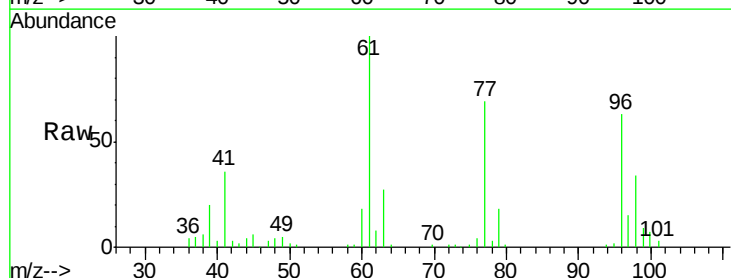
Tgt Ion: 96 Resp: 24160

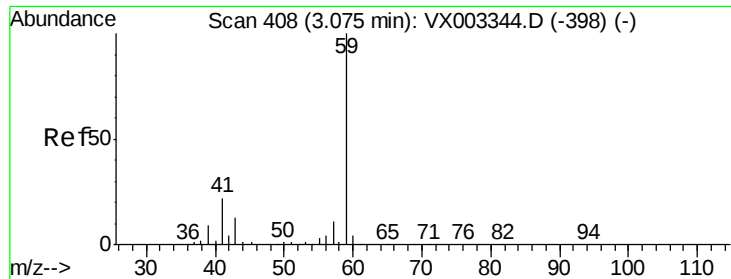
Ion Ratio Lower Upper

96 100

61 191.1 160.2 240.2

98 63.7 54.1 81.1



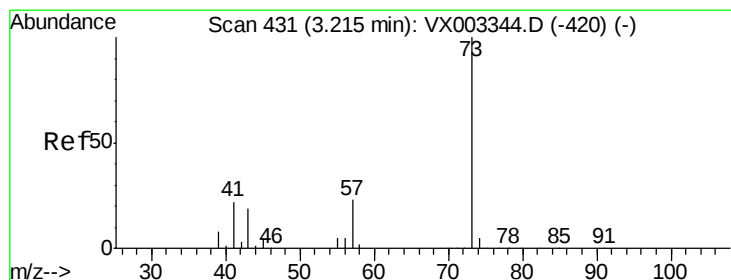
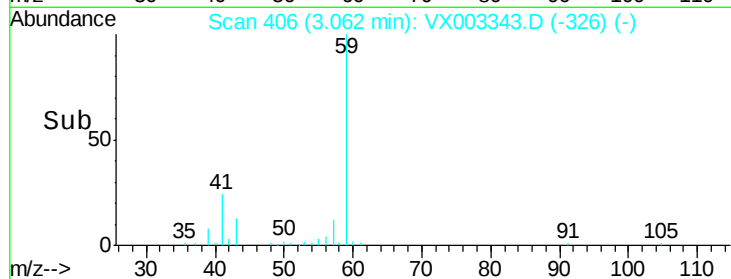
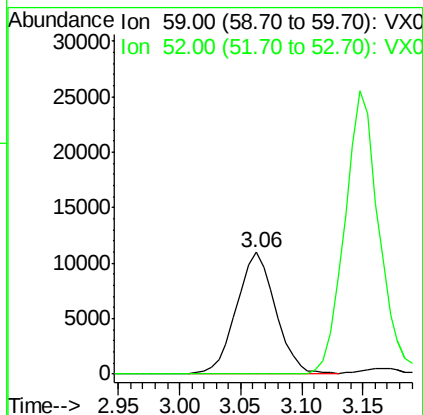
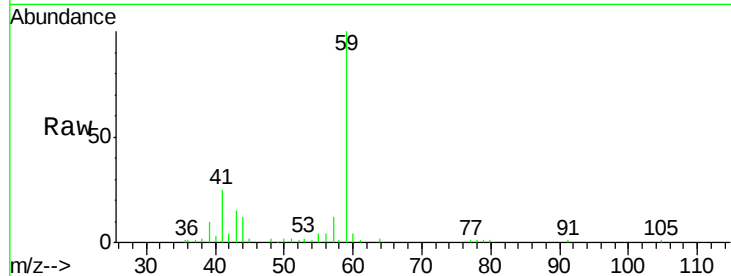


#23

tert-Butyl Alcohol
 Concen: 26.464 ug/l
 RT: 3.06 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: VX003343.D
 Acq: 12 Jul 2018 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

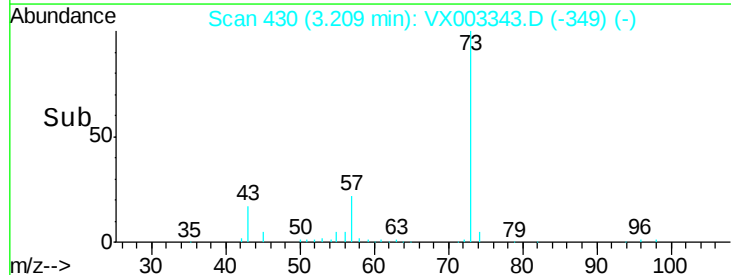
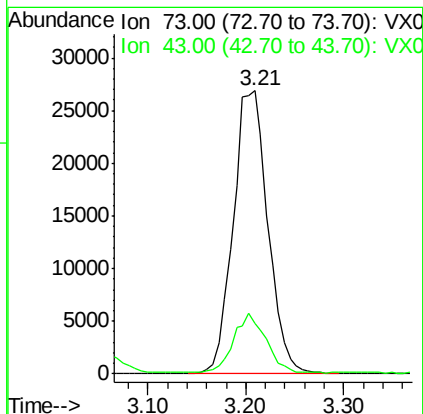
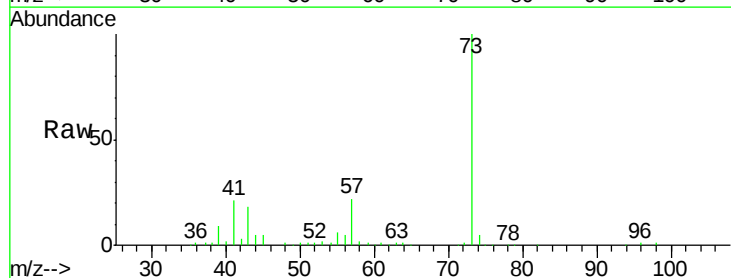
Tot Ion: 59 Resp: 24409
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.2#

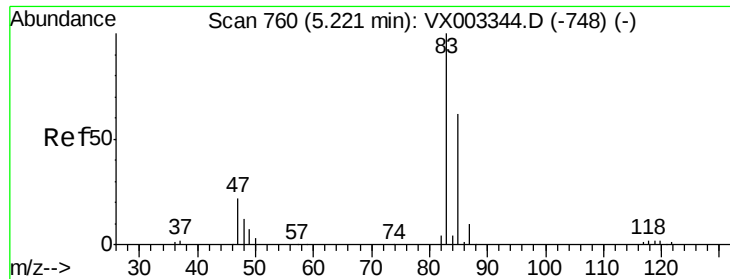


#24

Methyl tert-Butyl Ether
 Concen: 5.328 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX003343.D
 Acq: 12 Jul 2018 11:11

Tgt Ion: 73 Resp: 66206
 Ion Ratio Lower Upper
 73 100
 43 19.0 19.0 28.4

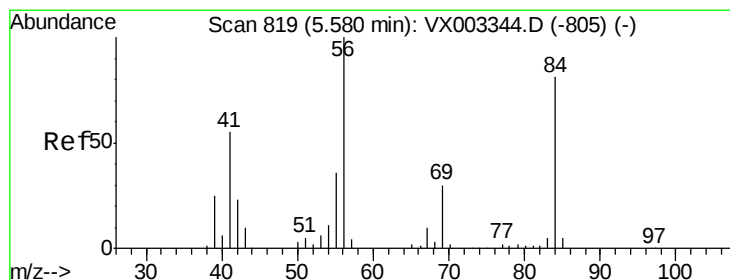
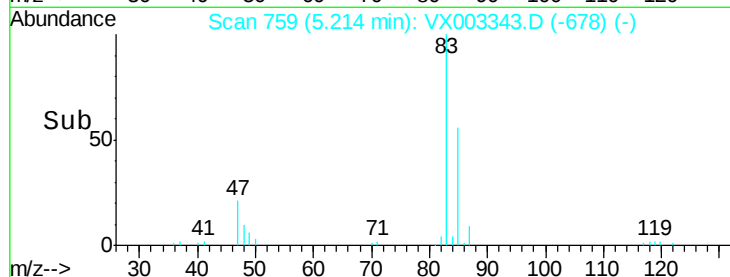
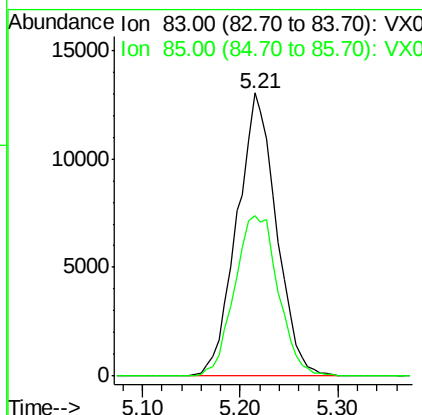
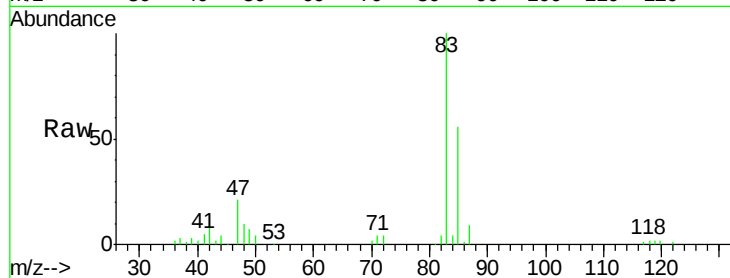




#25
Chloroform
Concen: 5.476 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

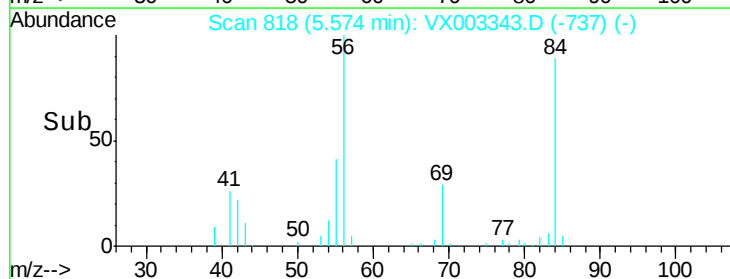
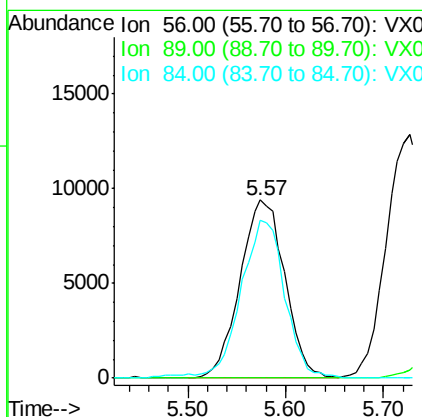
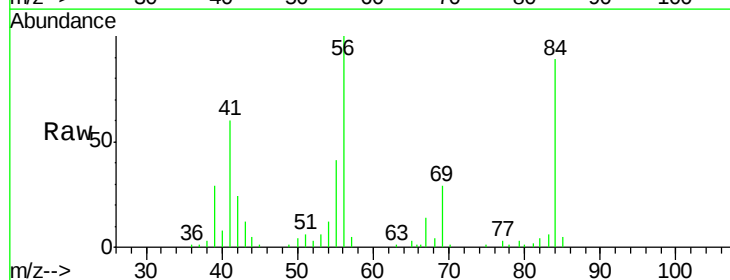
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

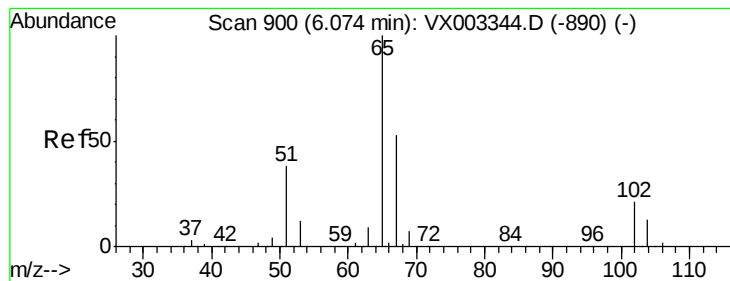
Tot Ion: 83 Resp: 36471
Ion Ratio Lower Upper
83 100
85 56.5 51.9 77.9



#26
Cyclohexane
Concen: 5.289 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Tgt Ion: 56 Resp: 29821
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 86.2 64.9 97.3





#27

1,2-Dichloroethane-d4

Concen: 24.526 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

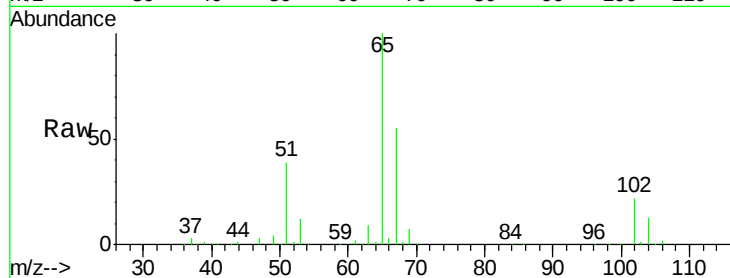
VSTDIC005

Tot Ion: 65 Resp: 120581

Ion Ratio Lower Upper

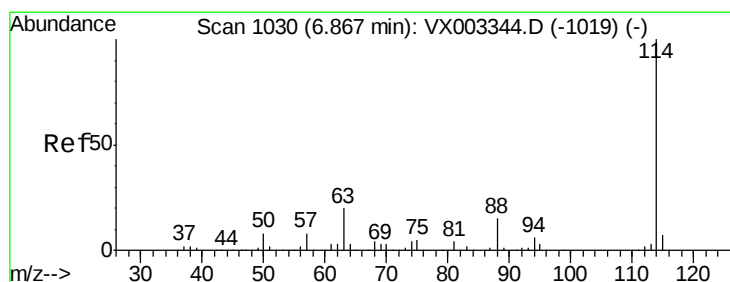
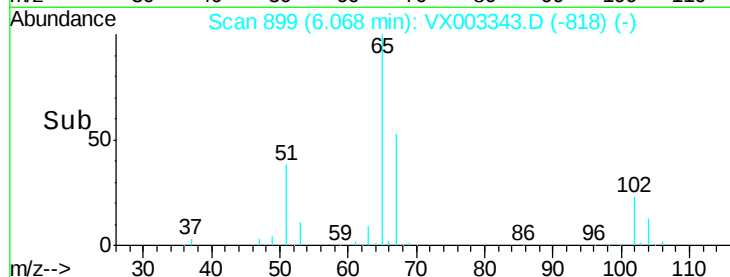
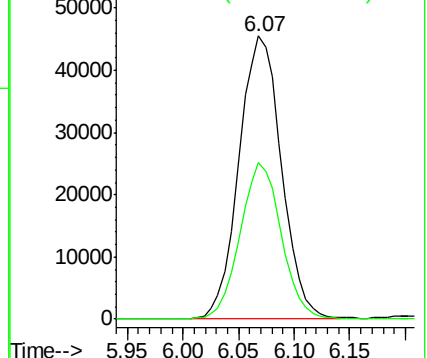
65 100

67 53.7 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

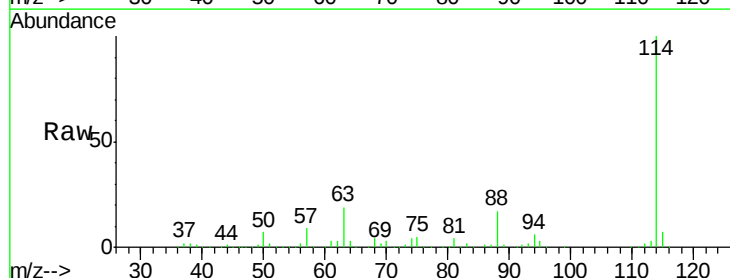
Tgt Ion: 114 Resp: 302038

Ion Ratio Lower Upper

114 100

63 20.1 17.1 25.7

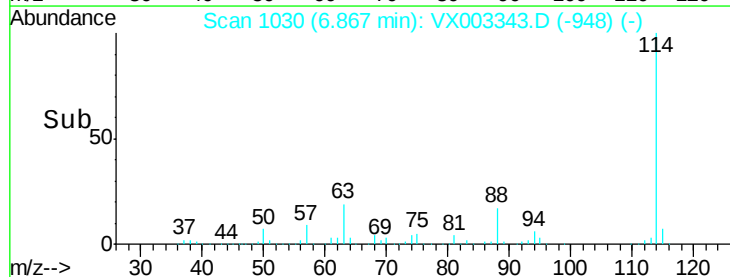
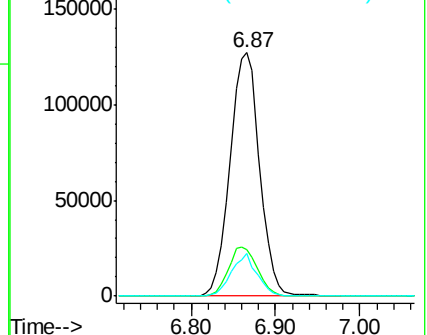
88 15.4 12.6 19.0

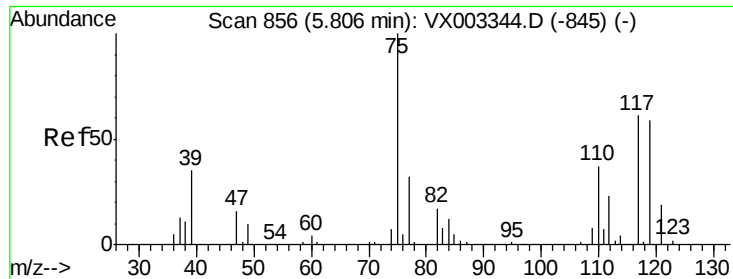


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

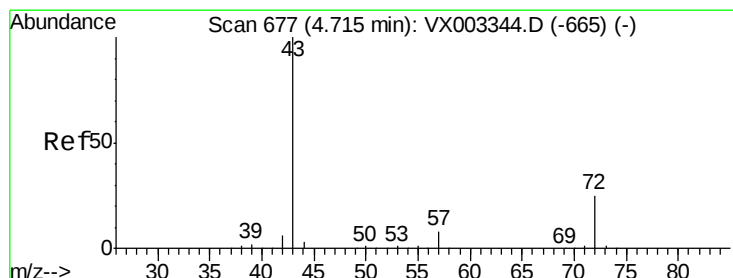
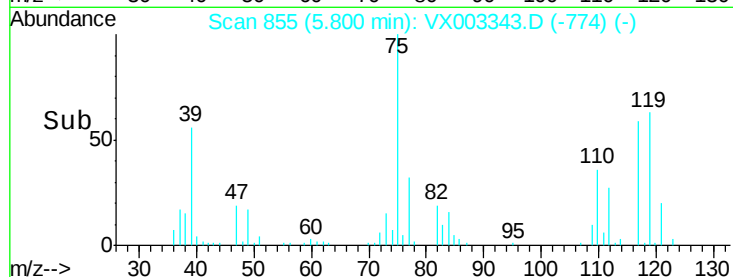
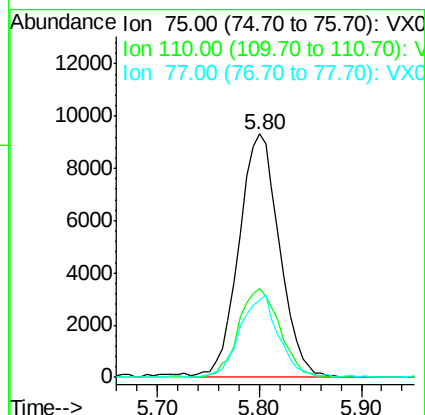
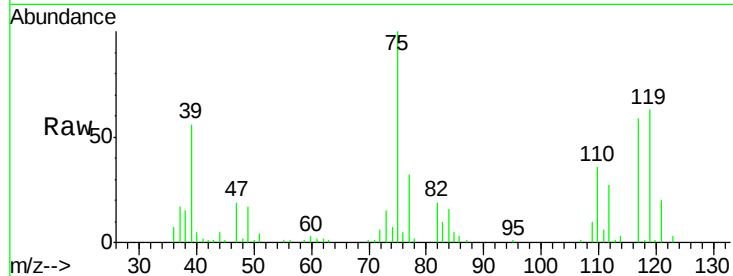




#29
 1,1-Dichloropropene
 Concen: 6.320 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX003343.D
 Acq: 12 Jul 2018 11:11

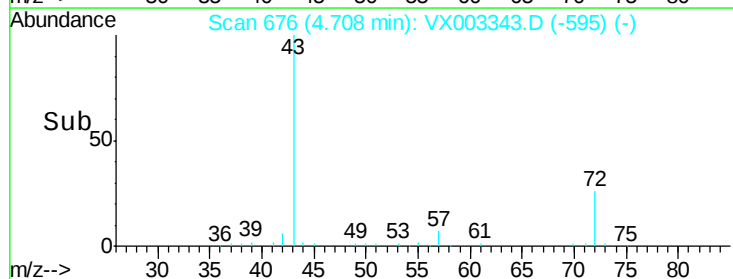
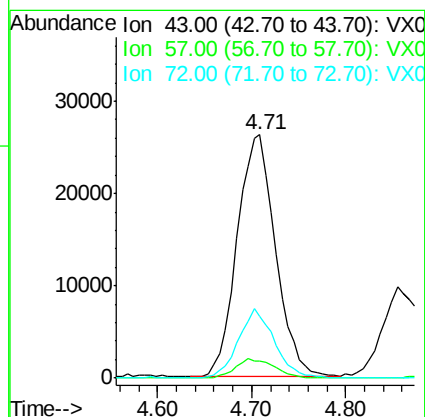
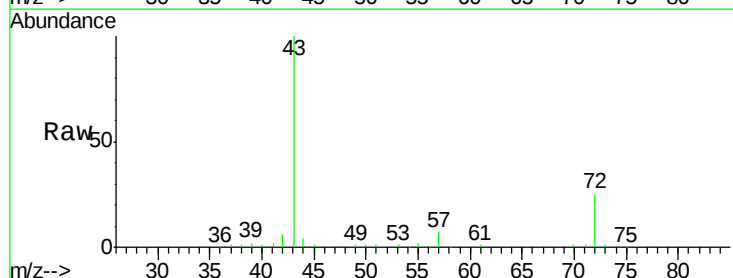
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

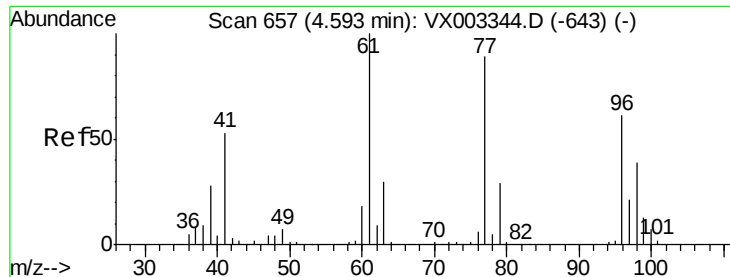
Tot Ion: 75 Resp: 25778
 Ion Ratio Lower Upper
 75 100
 110 36.7 0.0 71.4
 77 31.9 0.0 60.6



#30
 2-Butanone
 Concen: 32.056 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX003343.D
 Acq: 12 Jul 2018 11:11

Tgt Ion: 43 Resp: 74819
 Ion Ratio Lower Upper
 43 100
 57 8.1 6.1 9.1
 72 26.7 18.1 27.1

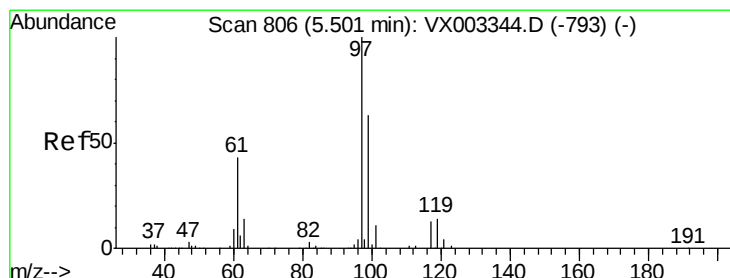
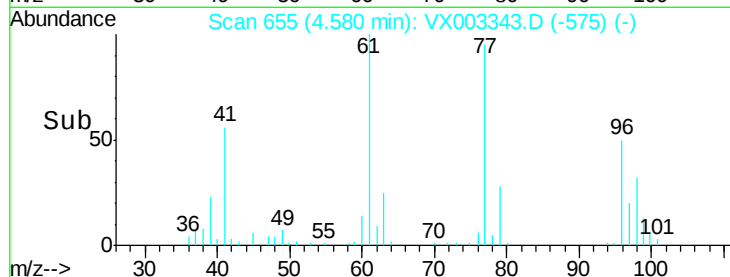
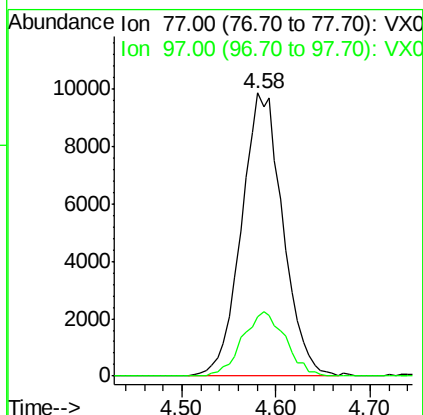
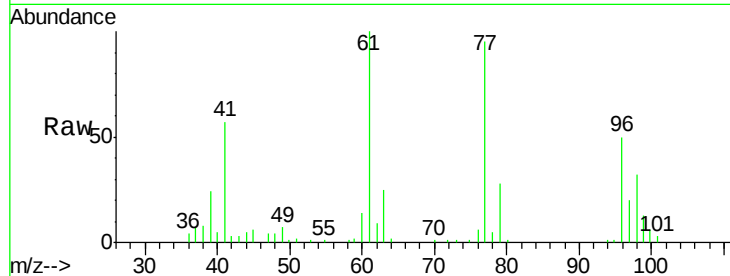




#31
 2,2-Dichloropropane
 Concen: 6.981 ug/l
 RT: 4.58 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: VX003343.D
 Acq: 12 Jul 2018 11:11

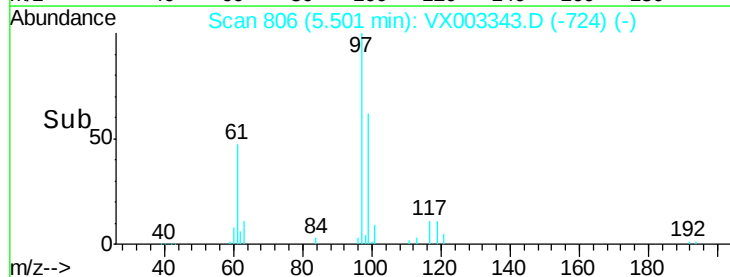
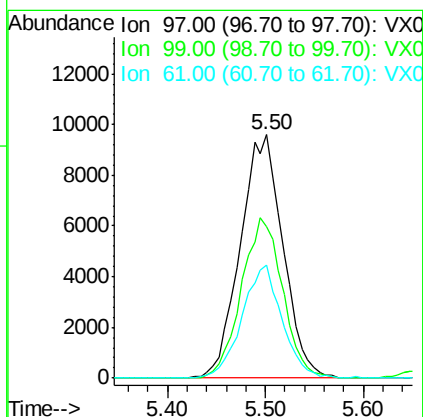
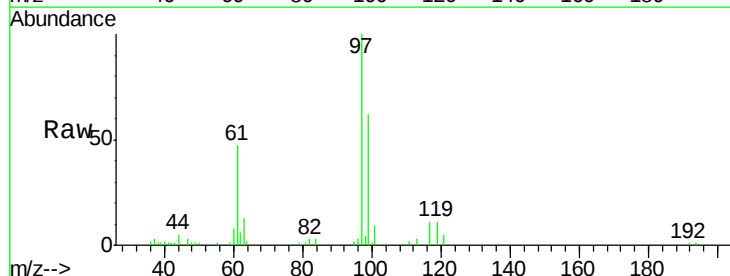
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

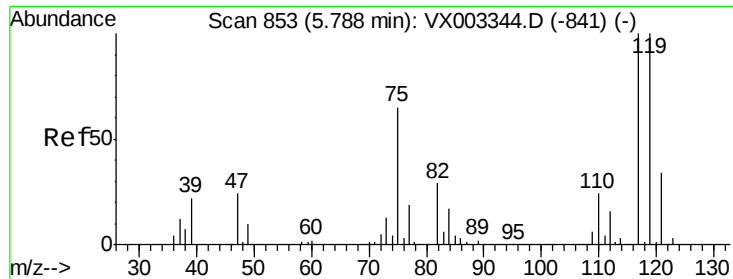
Tot Ion: 77 Resp: 30432
 Ion Ratio Lower Upper
 77 100
 97 23.5 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 5.908 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX003343.D
 Acq: 12 Jul 2018 11:11

Tgt Ion: 97 Resp: 29109
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.7 77.5
 61 43.4 36.4 54.6

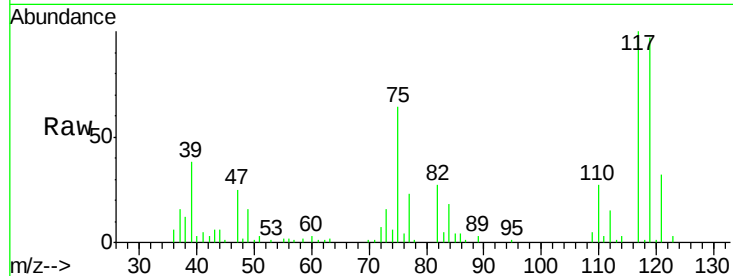




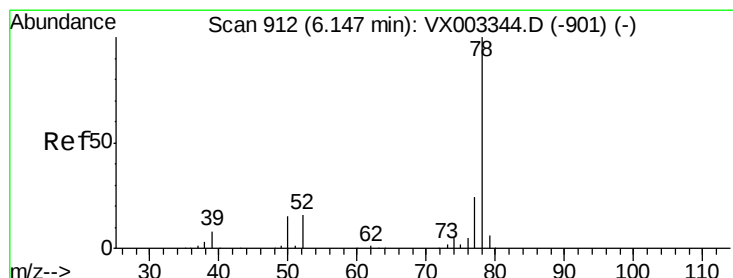
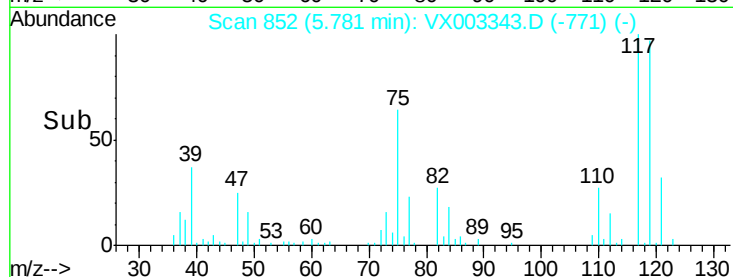
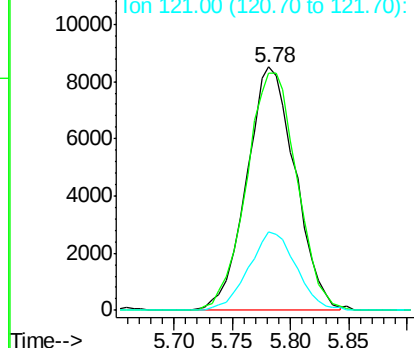
#33
Carbon Tetrachloride
Concen: 5.559 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:117 Resp: 24619
Ion Ratio Lower Upper
117 100
119 97.2 73.3 109.9
121 32.4 23.6 35.4

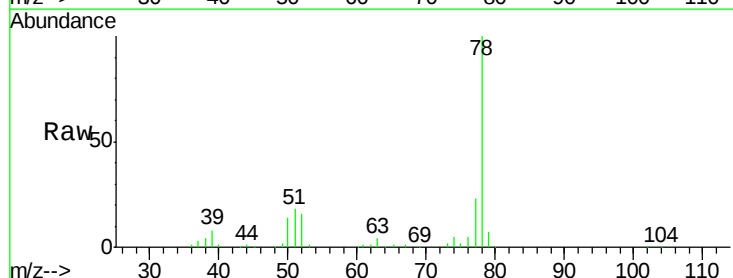


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

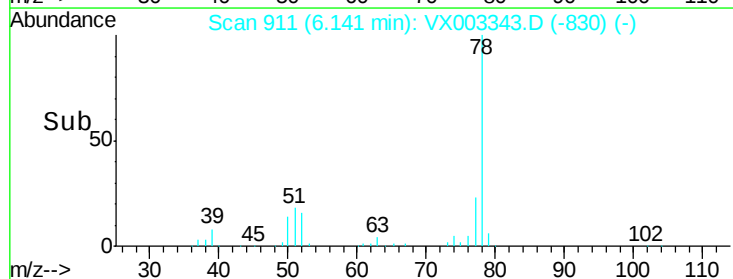
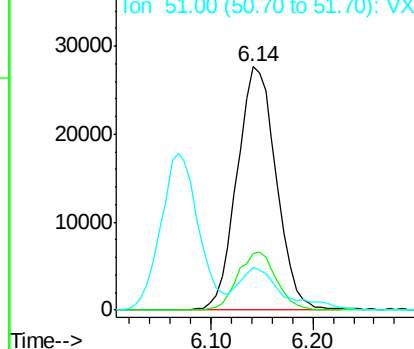


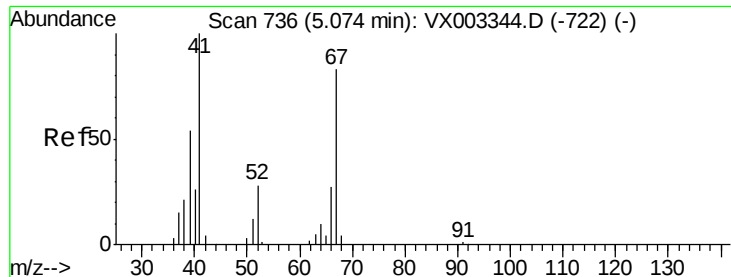
#34
Benzene
Concen: 6.114 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Tgt Ion: 78 Resp: 73851
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.0
51 16.5 13.8 20.6



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

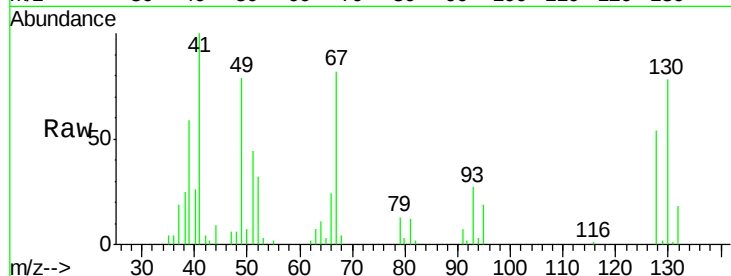




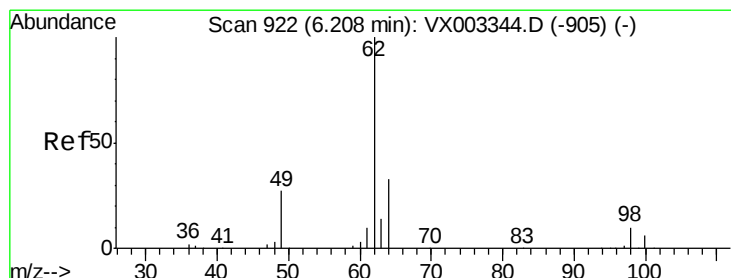
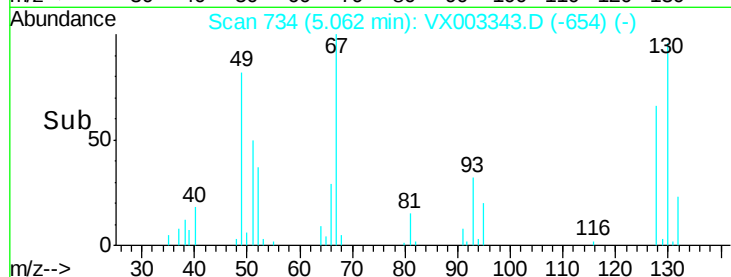
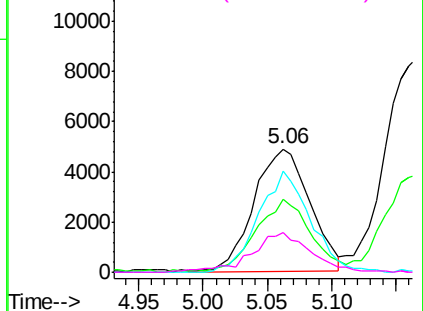
#35
Methacrylonitrile
Concen: 5.839 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	14838
Ion	Ratio	Lower	Upper
41	100		
39	58.9	28.8	86.5
67	82.9	30.4	91.2
52	30.2	13.0	39.0

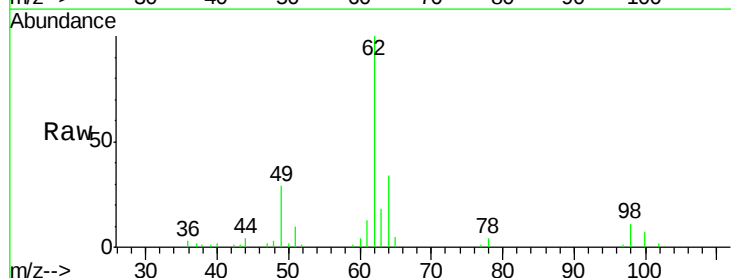


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

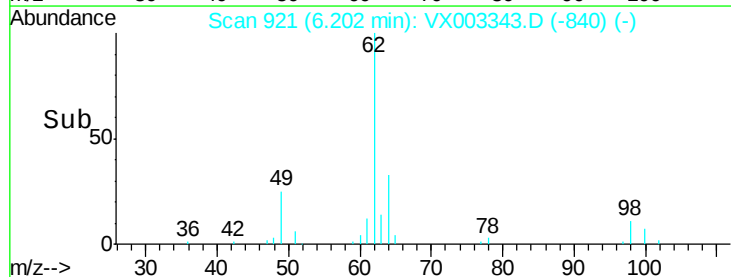
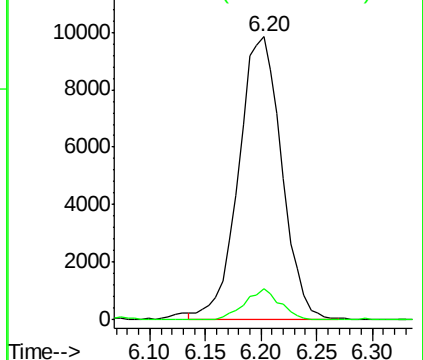


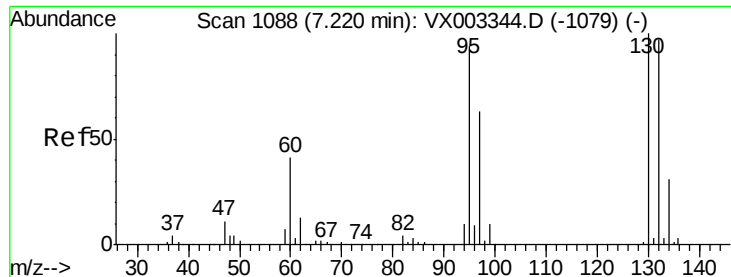
#36
1,2-Dichloroethane
Concen: 5.596 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Tgt Ion:	62	Resp:	26540
Ion	Ratio	Lower	Upper
62	100		
98	8.9	6.5	9.7



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

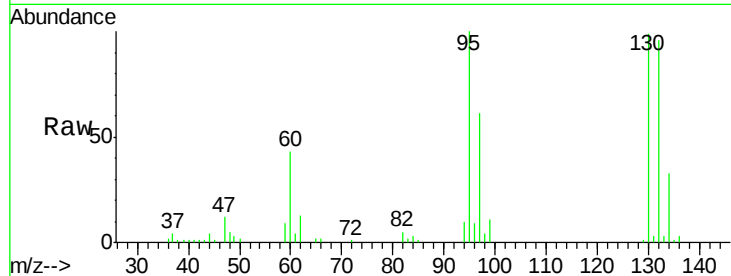




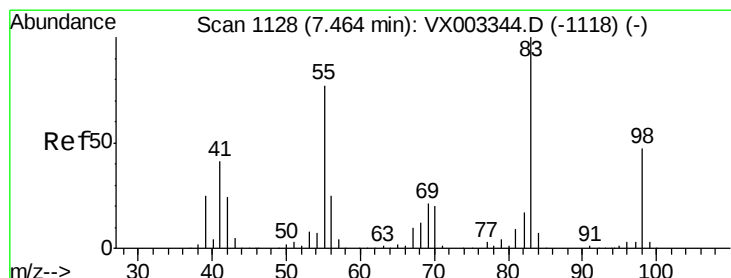
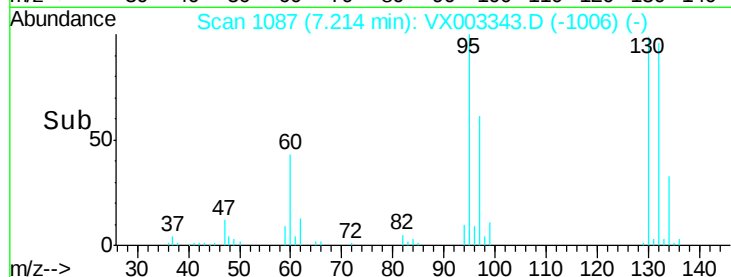
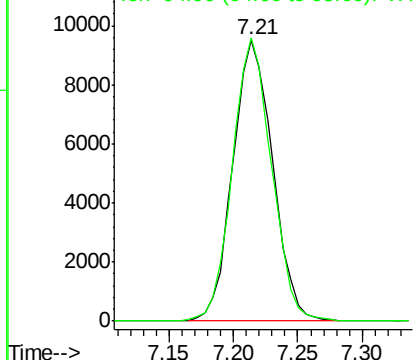
#37
 Trichloroethene
 Concen: 5.784 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX003343.D
 Acq: 12 Jul 2018 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:130 Resp: 20463
 Ion Ratio Lower Upper
 130 100
 95 100.8 81.5 122.3

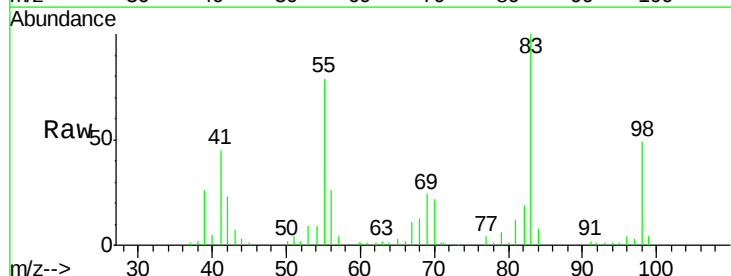


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

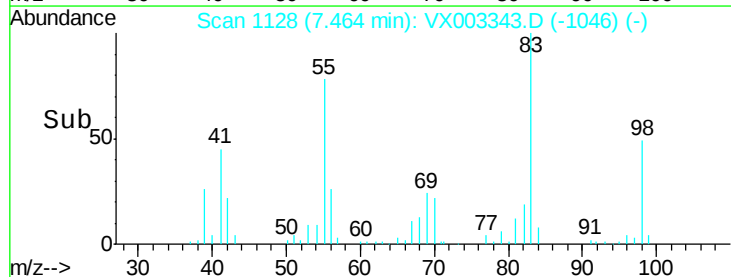
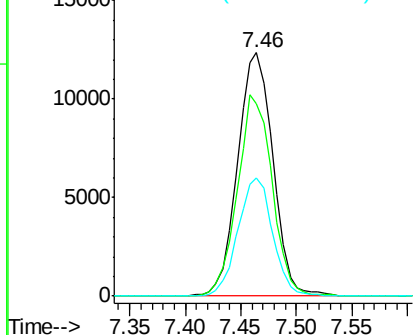


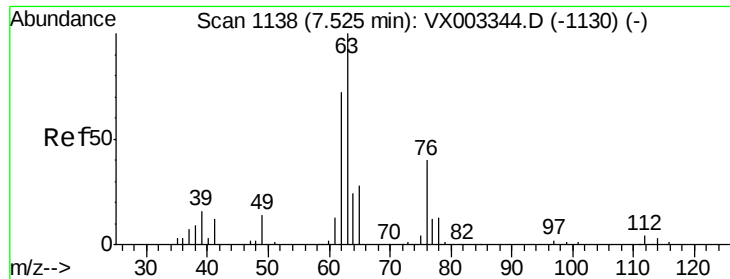
#38
 Methylcyclohexane
 Concen: 5.503 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX003343.D
 Acq: 12 Jul 2018 11:11

Tgt Ion: 83 Resp: 27310
 Ion Ratio Lower Upper
 83 100
 55 80.7 40.6 121.8
 98 47.6 23.5 70.5



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0

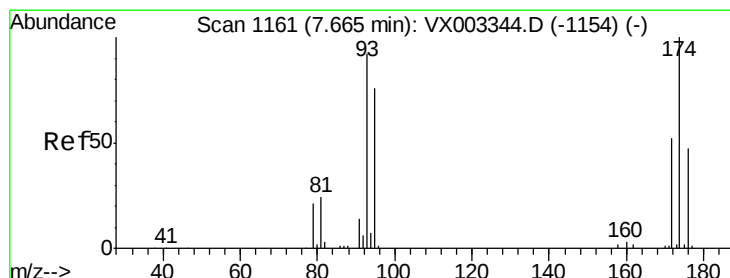
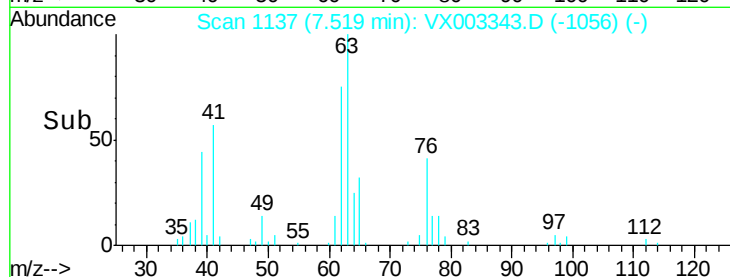
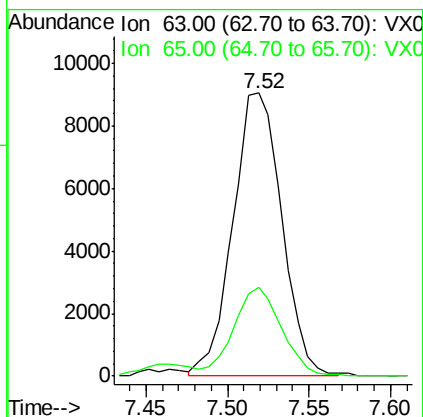
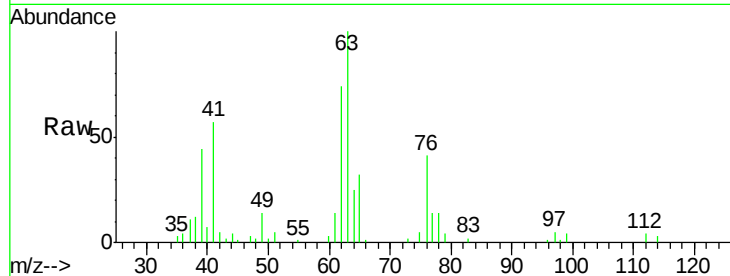




#39
 1,2-Dichloropropane
 Concen: 6.002 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX003343.D
 Acq: 12 Jul 2018 11:11

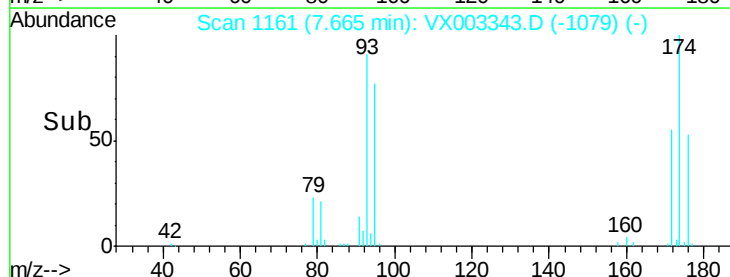
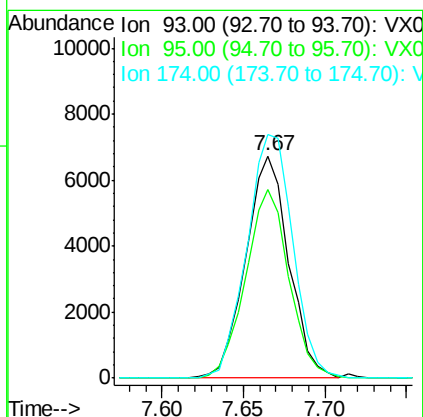
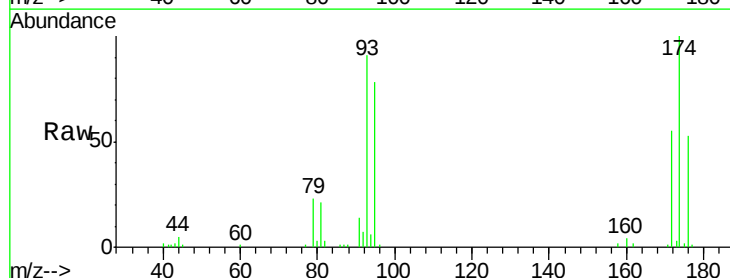
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

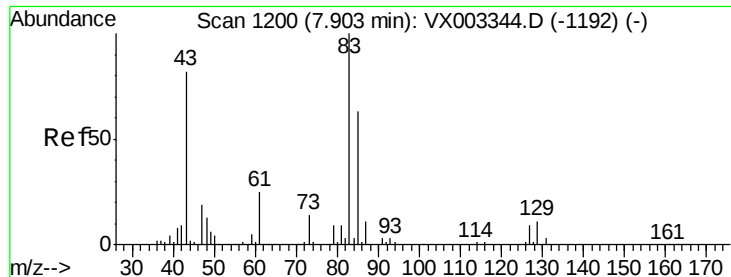
Tot Ion: 63 Resp: 18913
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.3 34.9



#40
 Dibromomethane
 Concen: 5.678 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003343.D
 Acq: 12 Jul 2018 11:11

Tgt Ion: 93 Resp: 12430
 Ion Ratio Lower Upper
 93 100
 95 85.0 0.0 162.6
 174 116.4 0.0 229.4





#41

Bromodichloromethane

Concen: 5.301 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

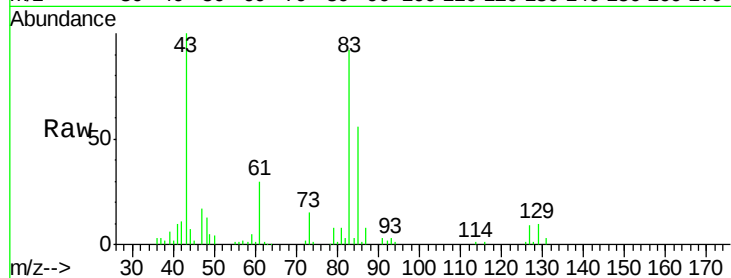
Tot Ion: 83 Resp: 21797

Ion Ratio Lower Upper

83 100

85 60.4 49.8 74.8

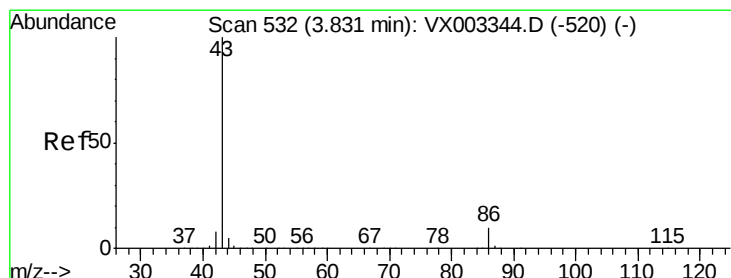
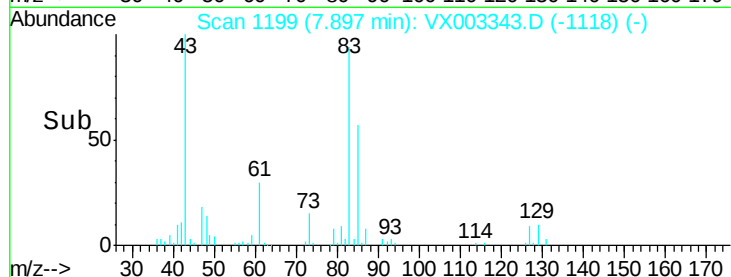
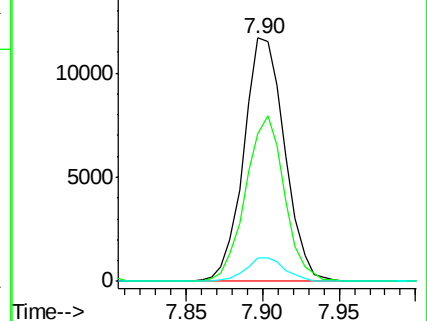
127 9.8 7.3 10.9



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: 33.436 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003343.D

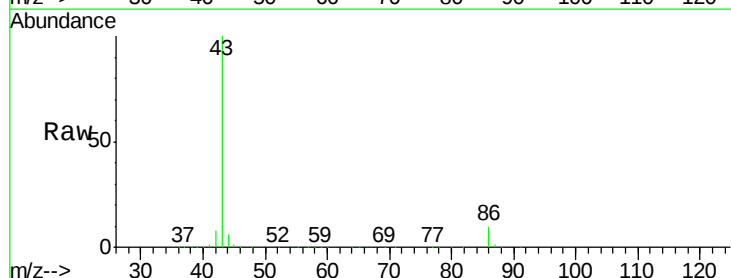
Acq: 12 Jul 2018 11:11

Tgt Ion: 43 Resp: 295972

Ion Ratio Lower Upper

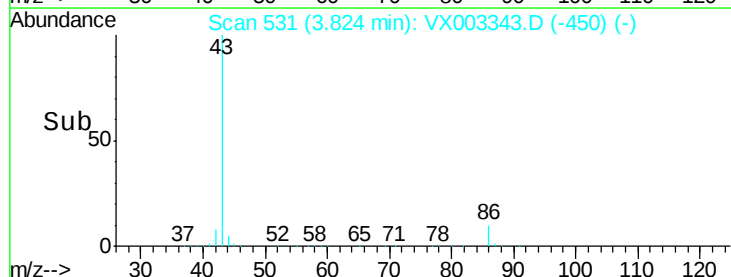
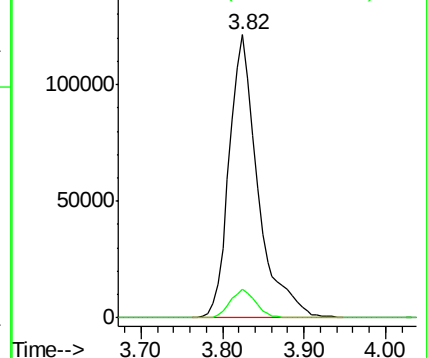
43 100

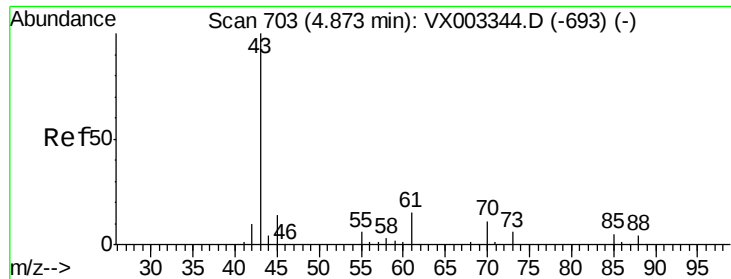
86 9.0 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

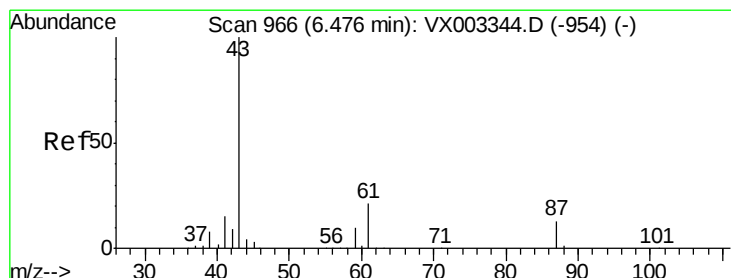
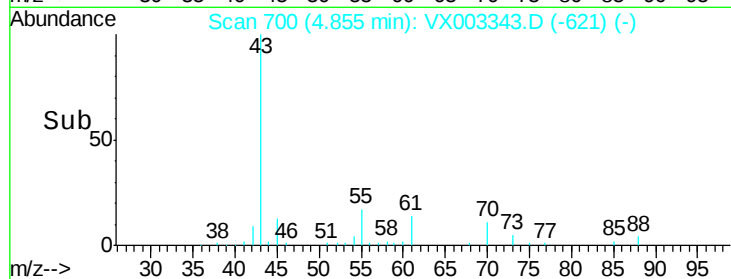
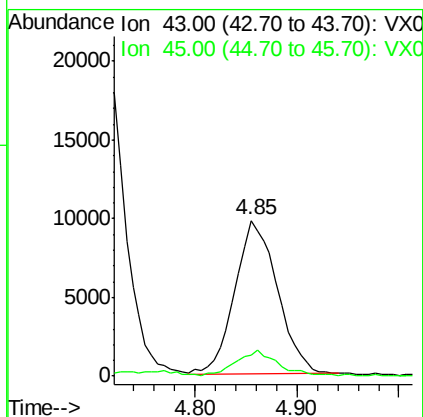
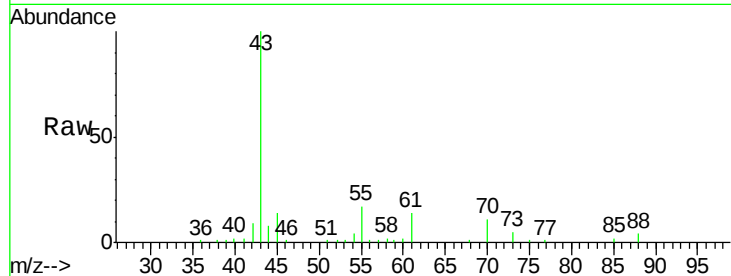




#43
Ethyl Acetate
Concen: 6.338 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.02 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

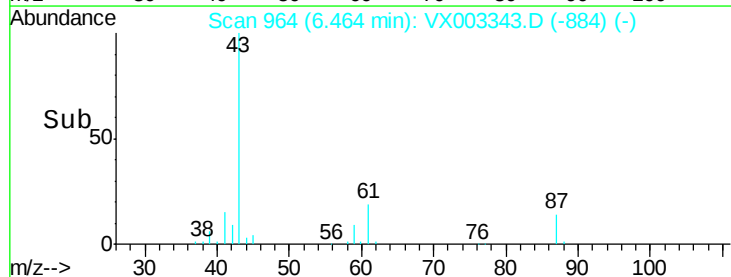
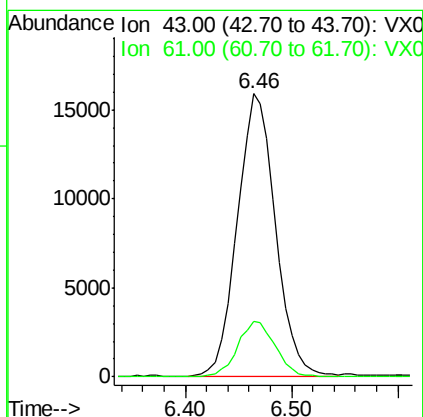
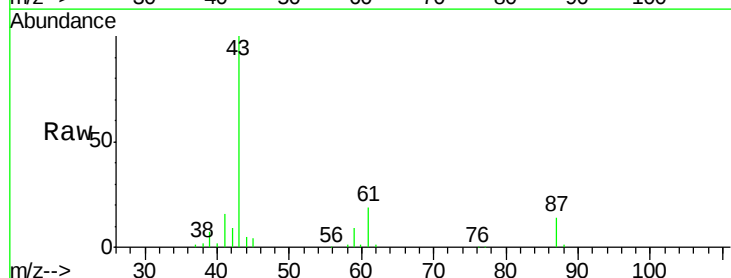
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

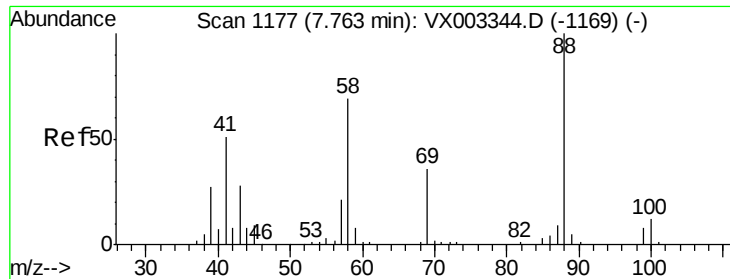
Tot Ion: 43 Resp: 28291
Ion Ratio Lower Upper
43 100
45 16.9 11.0 16.4#



#44
Isopropyl Acetate
Concen: 5.351 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Tgt Ion: 43 Resp: 40019
Ion Ratio Lower Upper
43 100
61 19.2 14.5 21.7

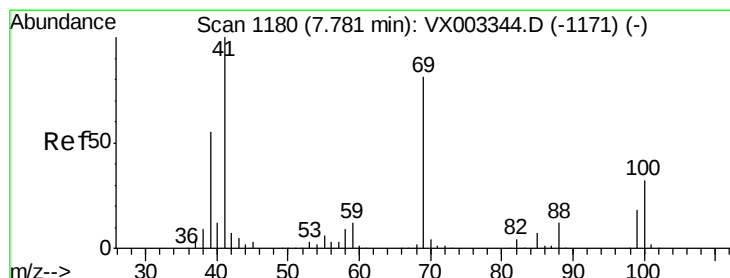
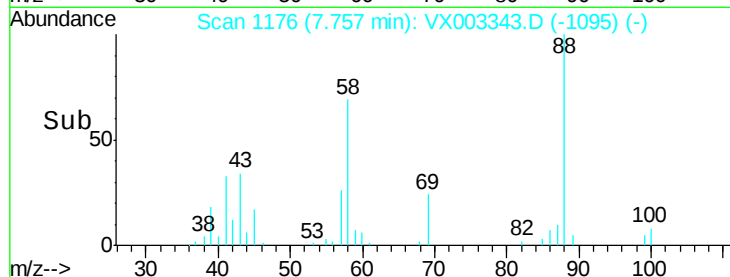
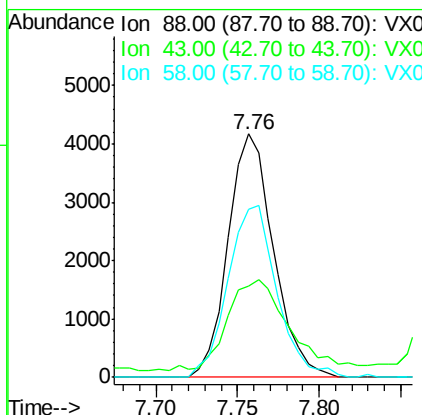
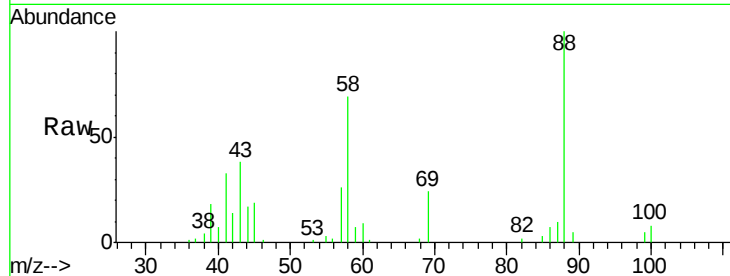




#45
1,4-Dioxane
Concen: 110.369 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

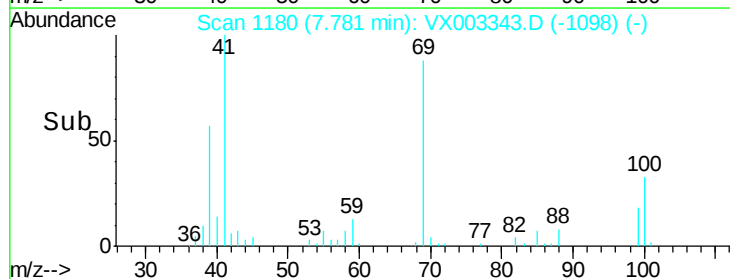
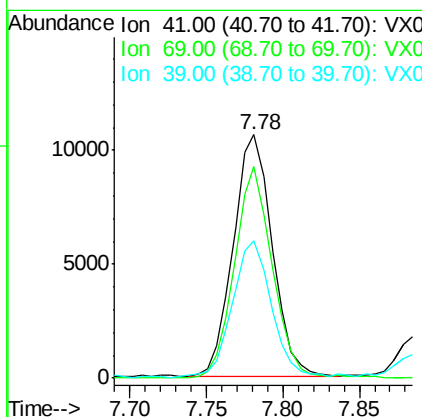
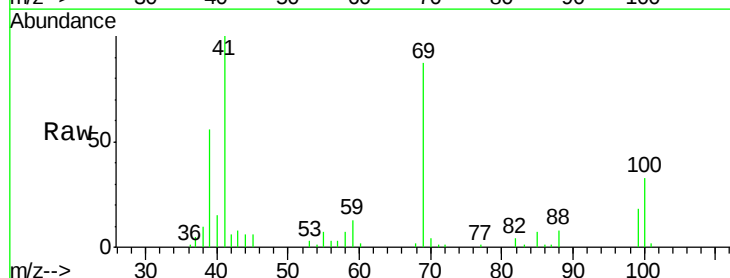
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

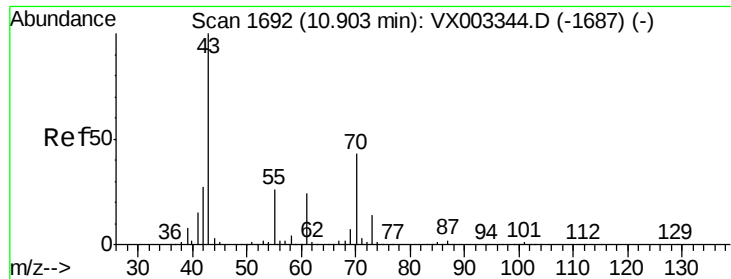
Tot Ion: 88 Resp: 8087
Ion Ratio Lower Upper
88 100
43 47.7 43.2 64.8
58 74.9 60.2 90.2



#46
Methyl methacrylate
Concen: 4.915 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Tgt Ion: 41 Resp: 18782
Ion Ratio Lower Upper
41 100
69 87.7 37.0 110.9
39 55.7 29.6 88.9

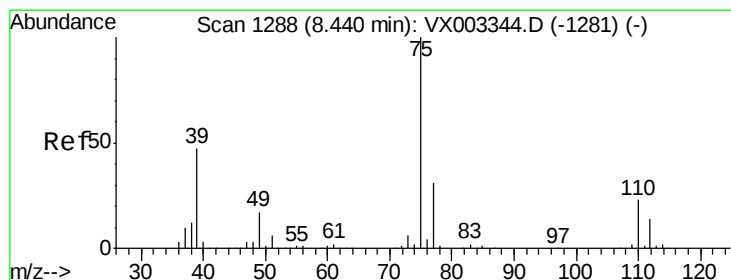
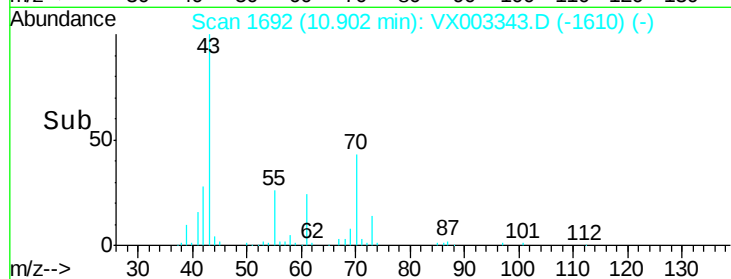
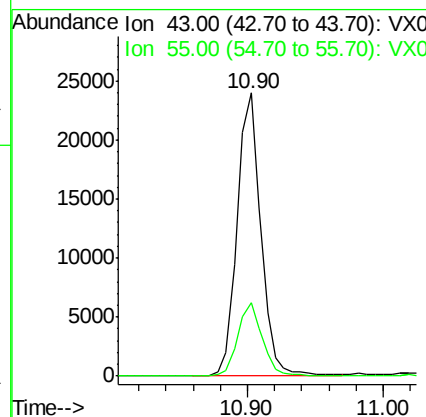
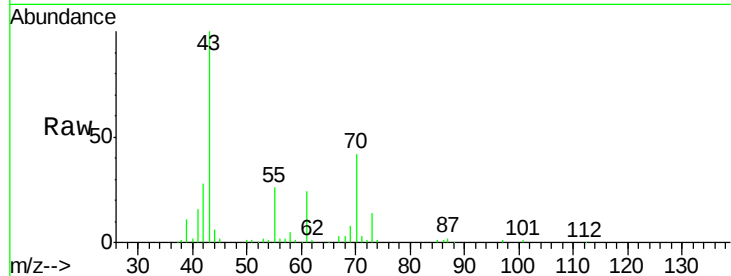




#47
n-amvl Acetate
Concen: 4.162 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

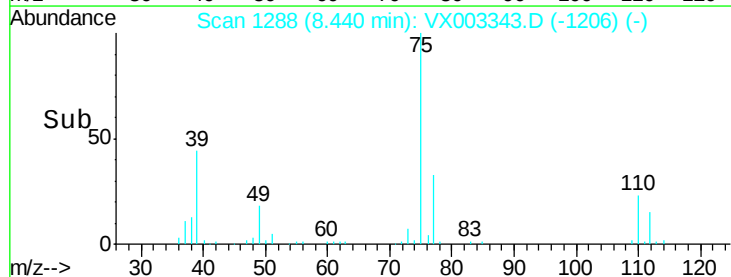
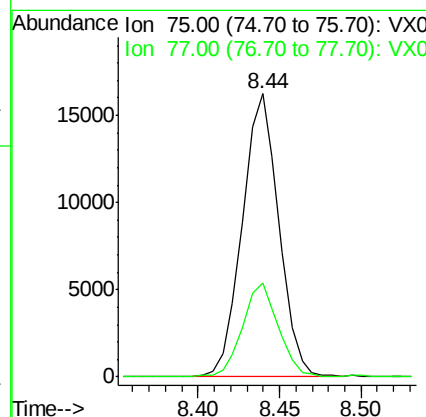
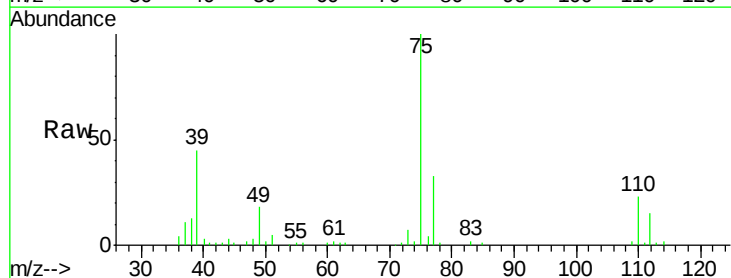
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

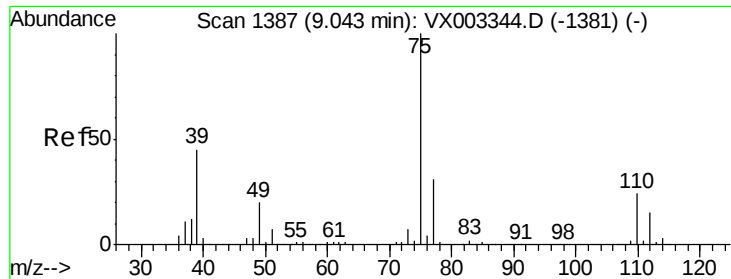
Tot Ion: 43 Resp: 29373
Ion Ratio Lower Upper
43 100
55 26.8 0.1 0.1#



#48
t-1,3-Dichloropropene
Concen: 5.260 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Tgt Ion: 75 Resp: 25395
Ion Ratio Lower Upper
75 100
77 33.0 25.6 38.4



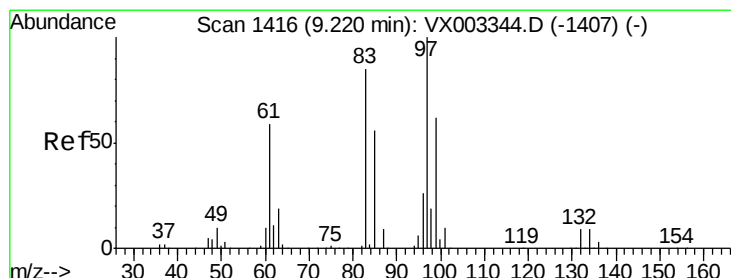
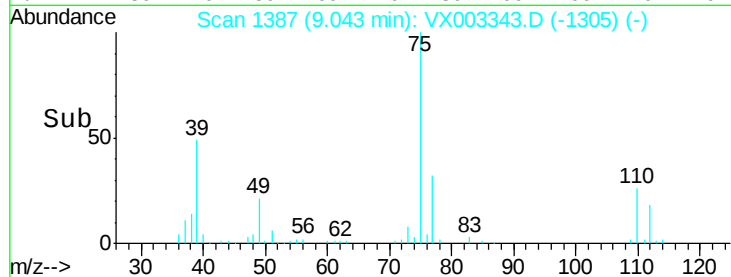
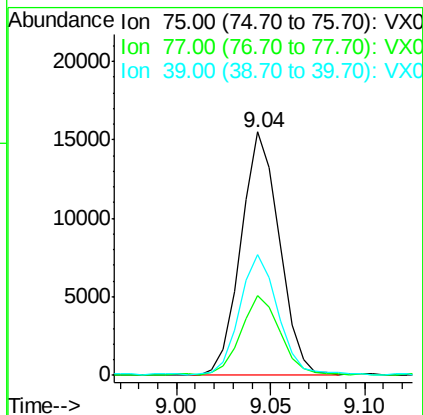
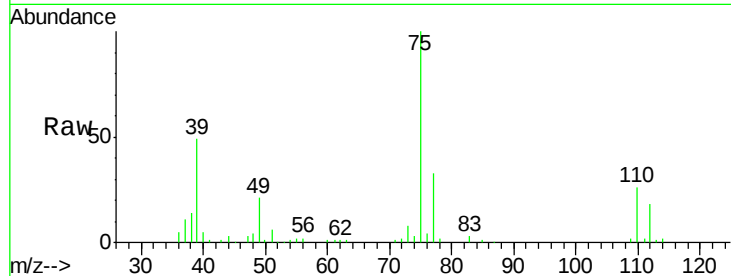


#49

cis-1,3-Dichloropropene
Concen: 4.876 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

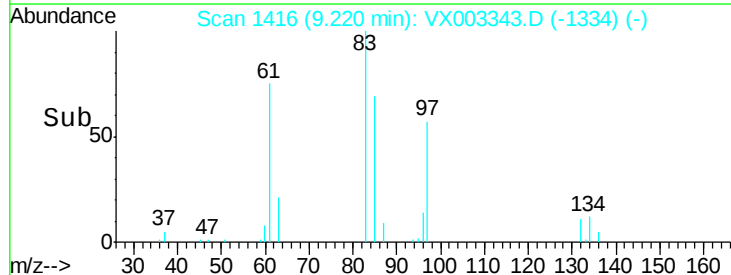
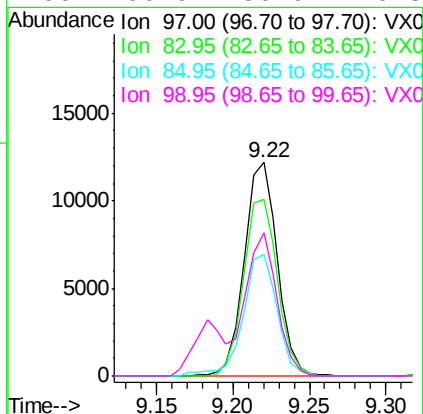
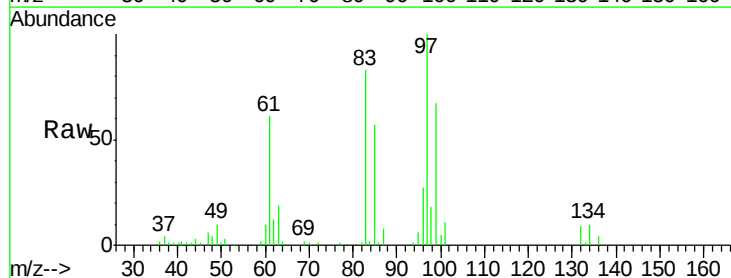
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.4	38.2
39	49.0	42.3	63.5

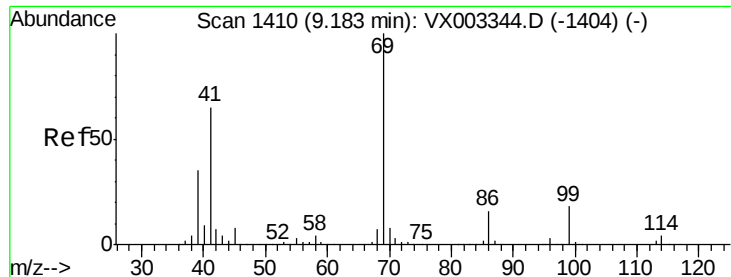


#50

1,1,2-Trichloroethane
Concen: 5.672 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.8	70.8	106.2
85	56.8	43.5	65.3
99	66.9	50.9	76.3





#51

Ethyl methacrylate

Concen: 5.007 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

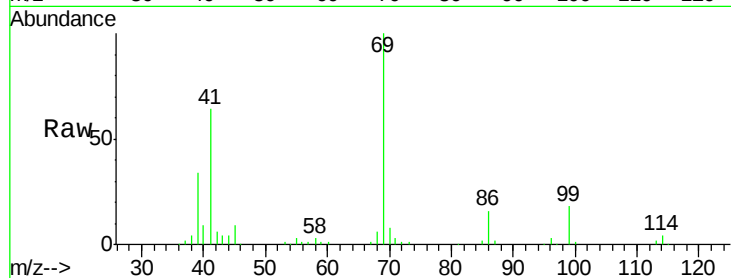
Tot Ion: 69 Resp: 24407

Ion Ratio Lower Upper

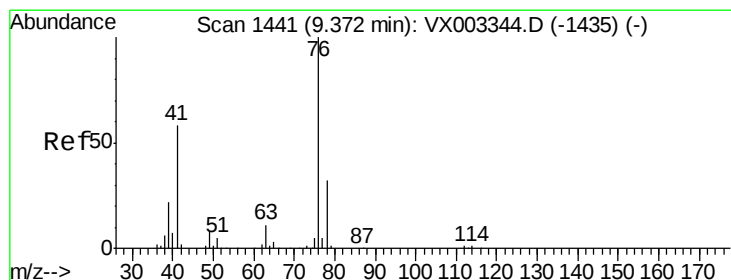
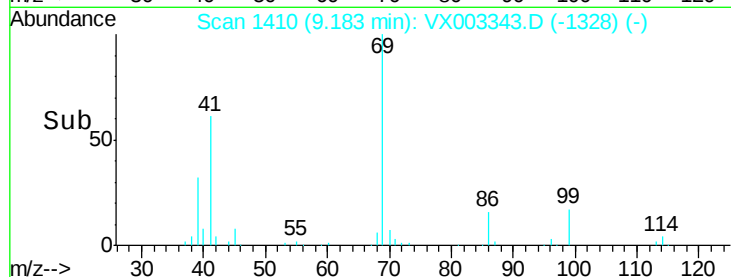
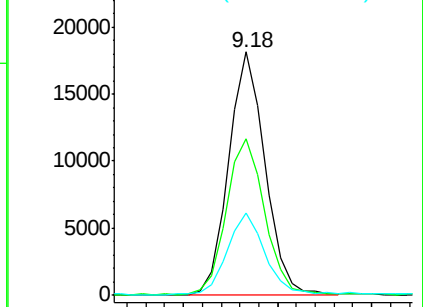
69 100

41 63.8 39.1 117.3

39 32.9 21.7 65.1



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



#52

1,3-Dichloropropane

Concen: 5.624 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX003343.D

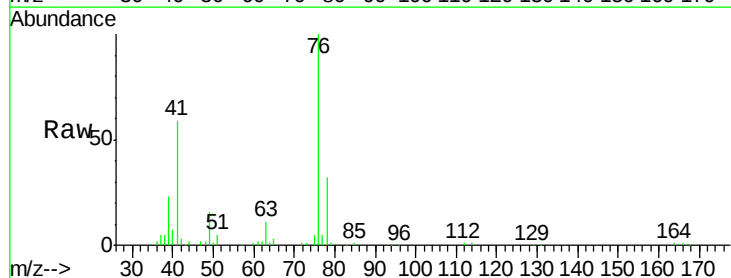
Acq: 12 Jul 2018 11:11

Tgt Ion: 76 Resp: 29663

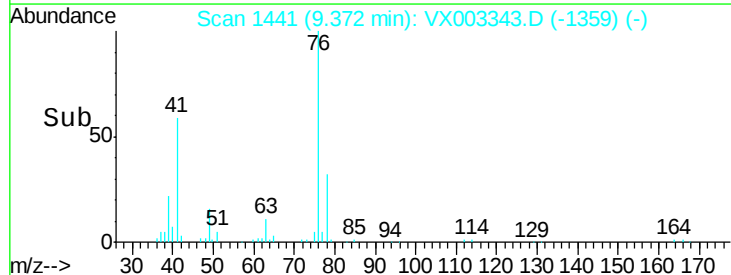
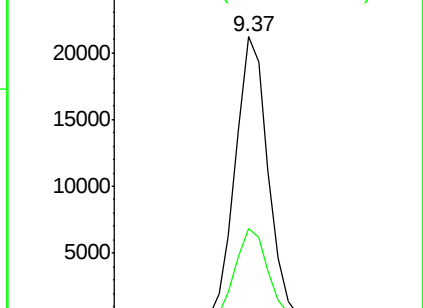
Ion Ratio Lower Upper

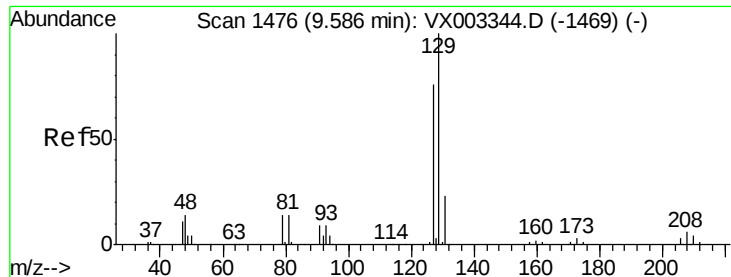
76 100

78 32.5 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0

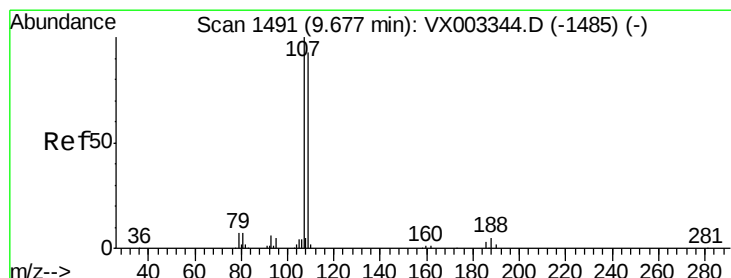
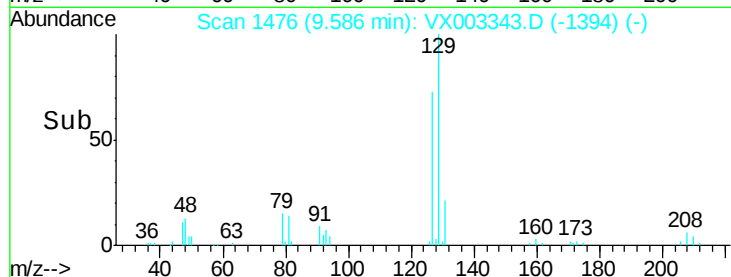
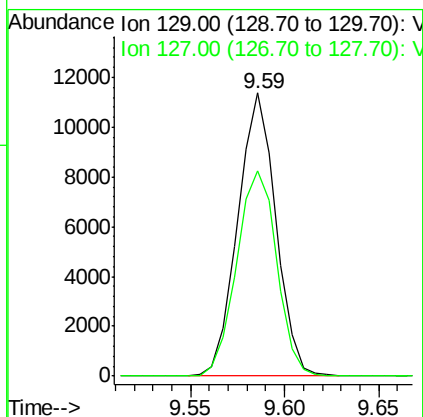
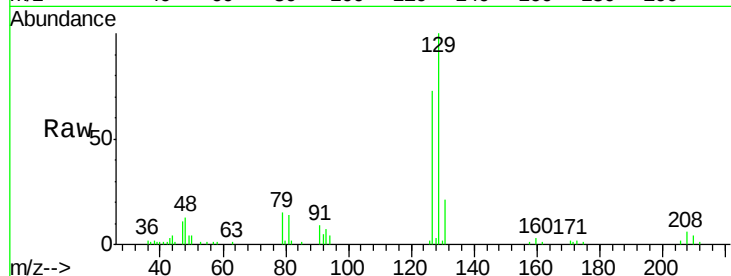




#53
Dibromochloromethane
Concen: 4.659 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

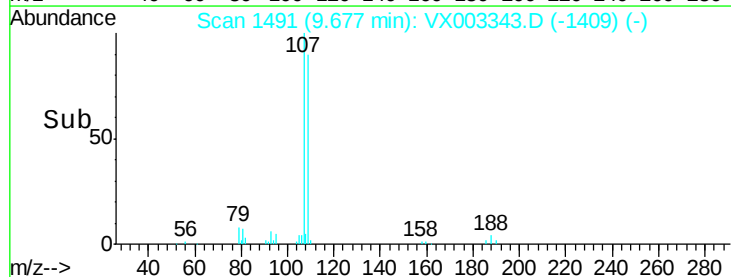
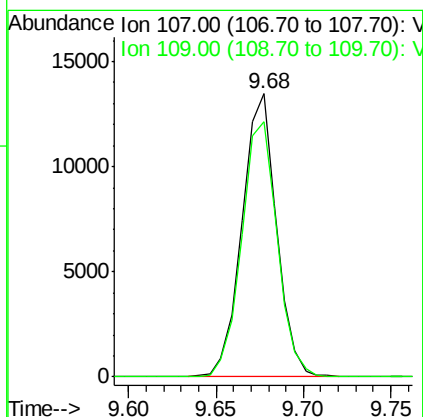
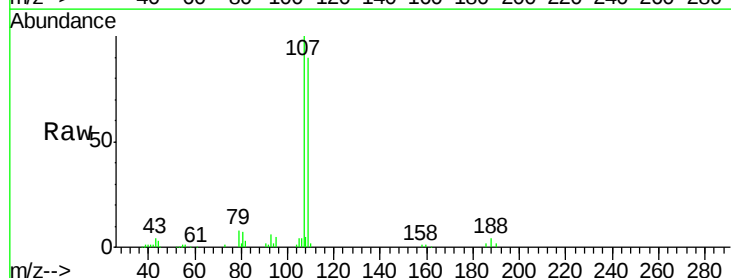
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

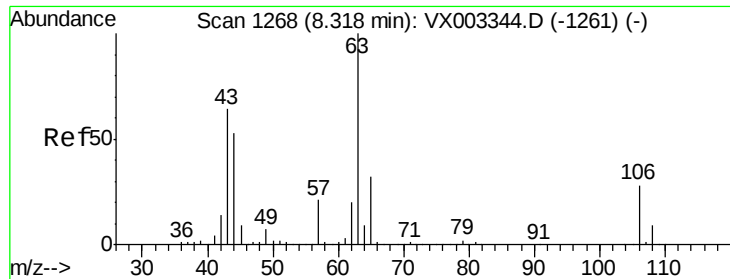
Tot Ion:129 Resp: 15970
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.3



#54
1,2-Dibromoethane
Concen: 5.446 ug/l
RT: 9.68 min Scan# 1491
Delta R.T. -0.00 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Tgt Ion:107 Resp: 18533
Ion Ratio Lower Upper
107 100
109 93.0 75.5 113.3

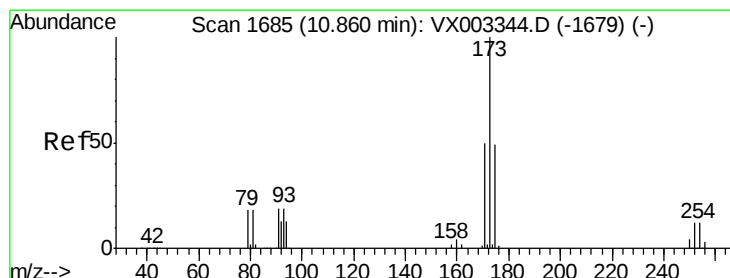
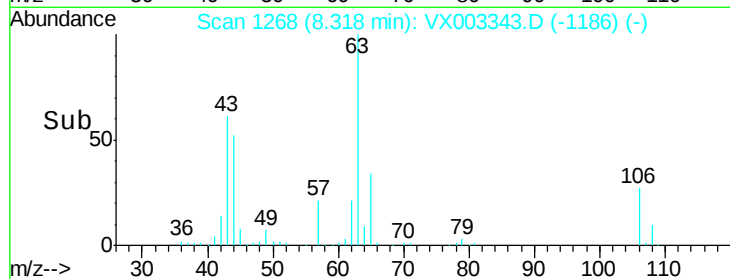
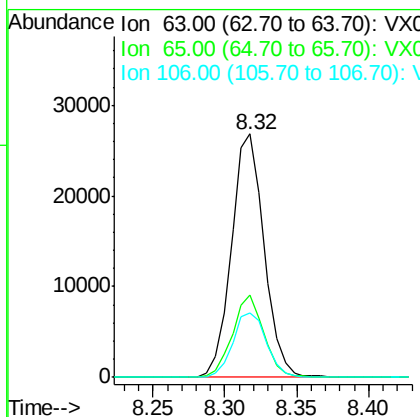
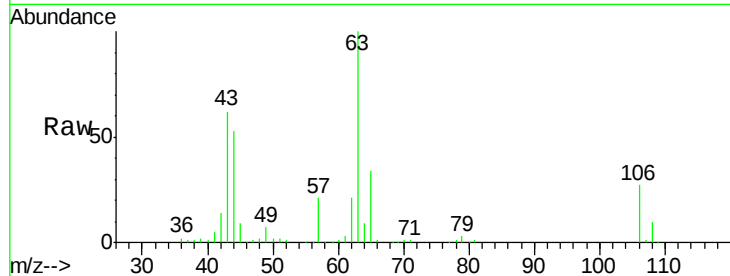




#55
2-Chloroethyl vinyl ether
Concen: 18.333 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.00 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

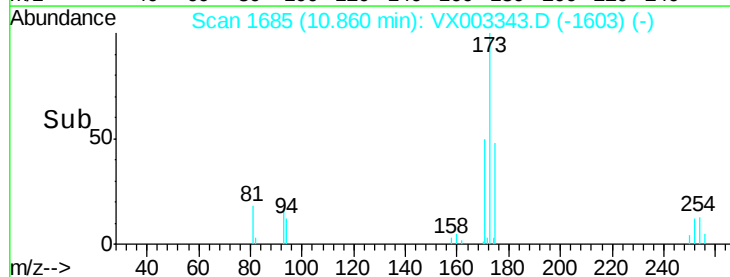
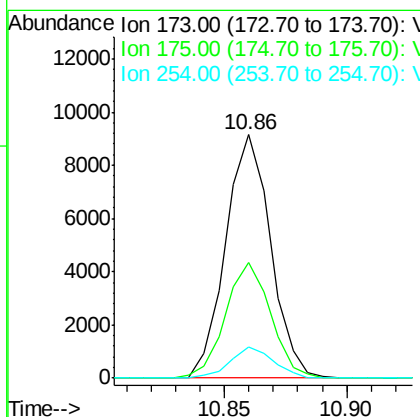
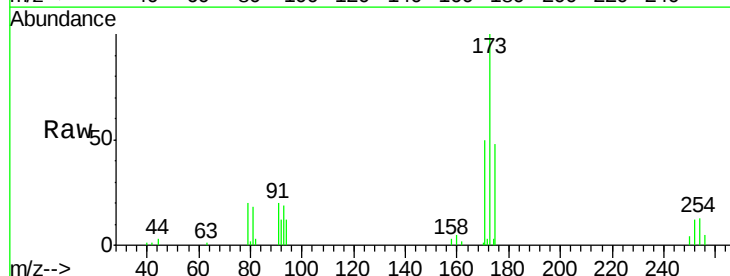
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

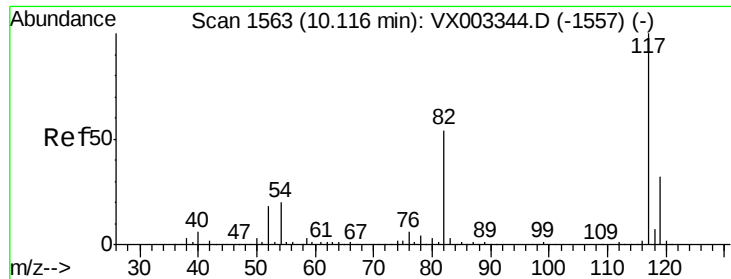
Tot Ion: 63 Resp: 42443
Ion Ratio Lower Upper
63 100
65 32.5 25.6 38.4
106 27.3 21.6 32.4



#56
Bromoform
Concen: 4.276 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Tgt Ion: 173 Resp: 11703
Ion Ratio Lower Upper
173 100
175 47.9 39.0 58.4
254 12.1 9.6 14.4

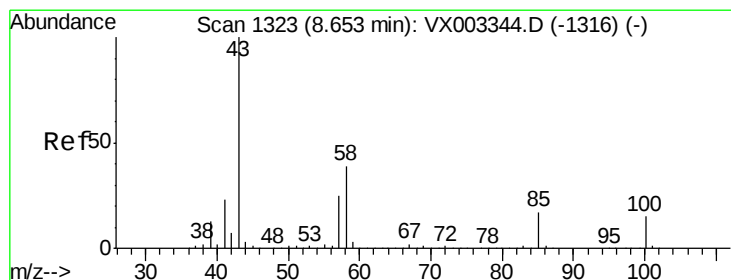
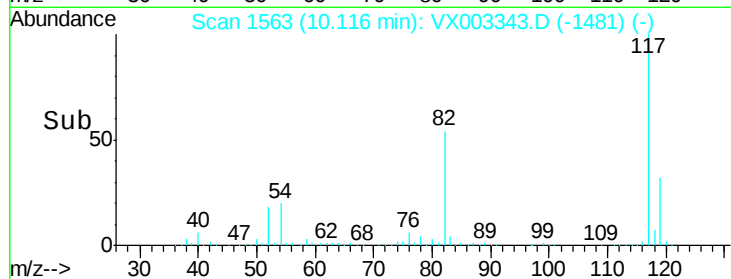
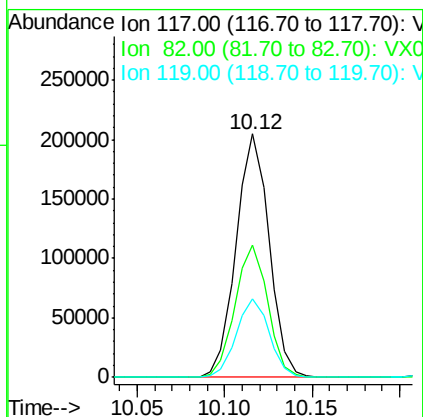
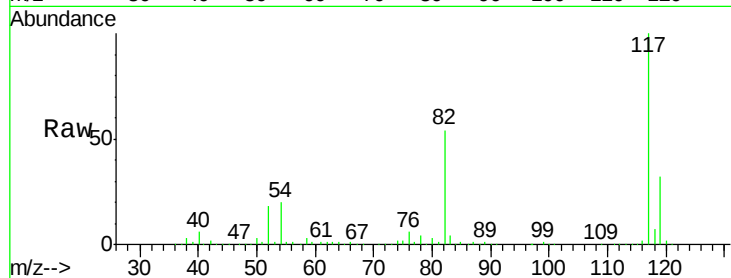




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

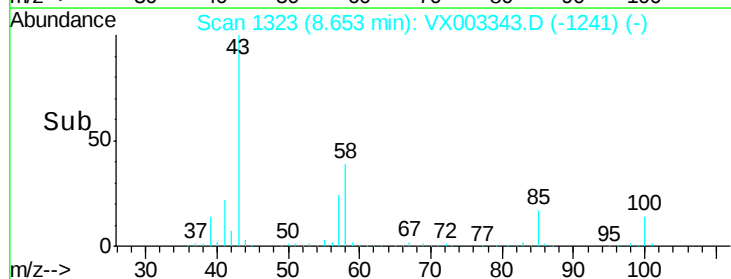
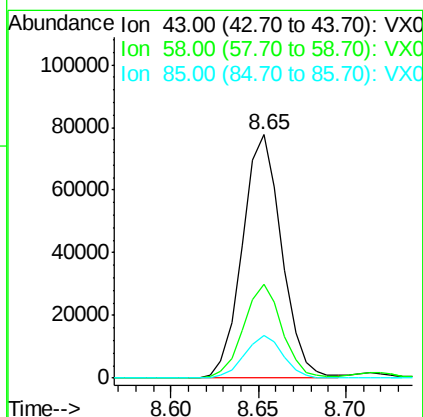
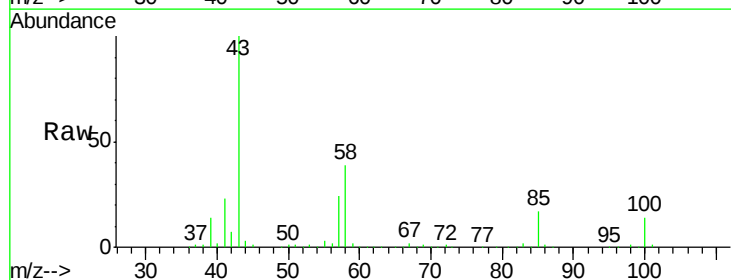
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

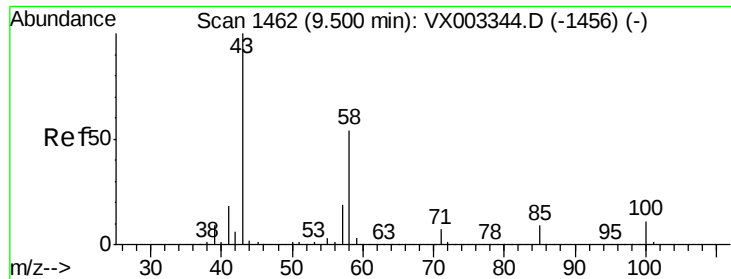
Tot Ion:117 Resp: 269614
Ion Ratio Lower Upper
117 100
82 53.8 44.3 66.5
119 32.2 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 26.477 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Tgt Ion: 43 Resp: 121203
Ion Ratio Lower Upper
43 100
58 38.0 28.2 42.4
85 17.2 12.4 18.6

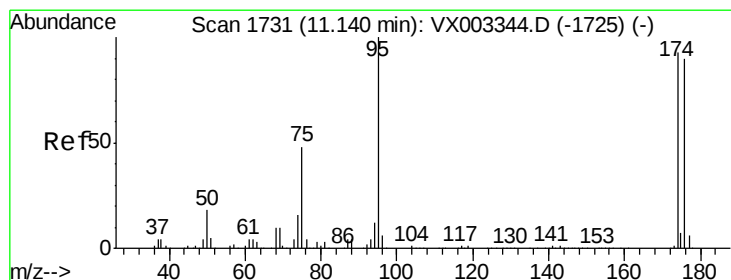
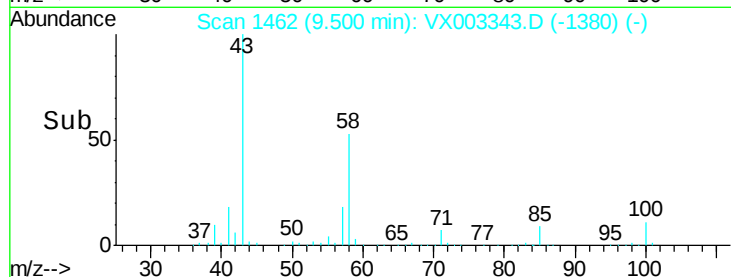
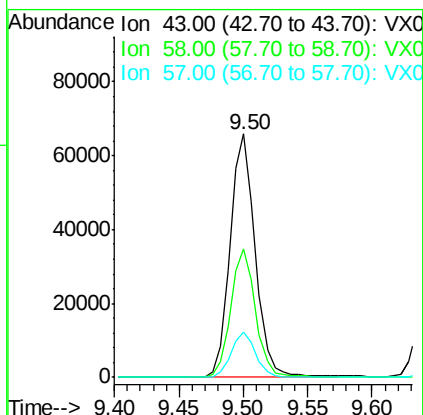
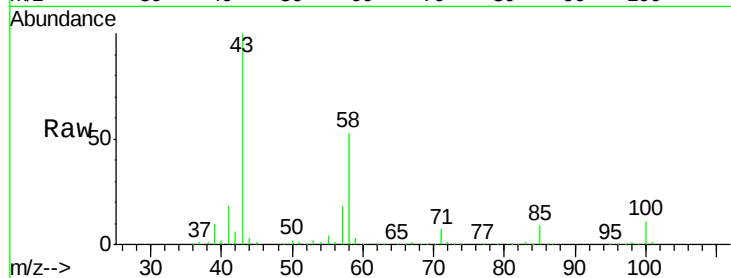




#59
2-Hexanone
Concen: 25.776 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

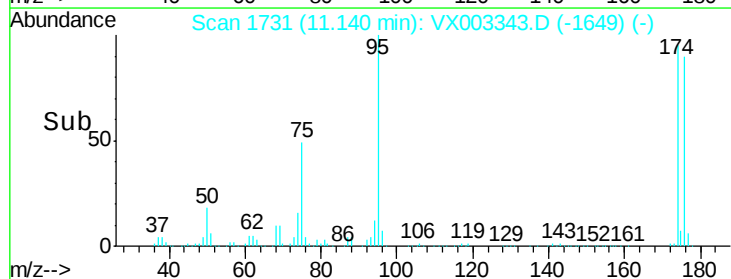
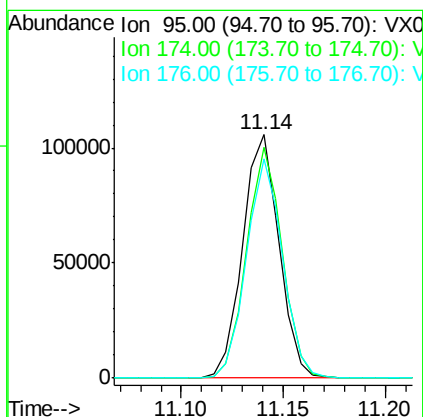
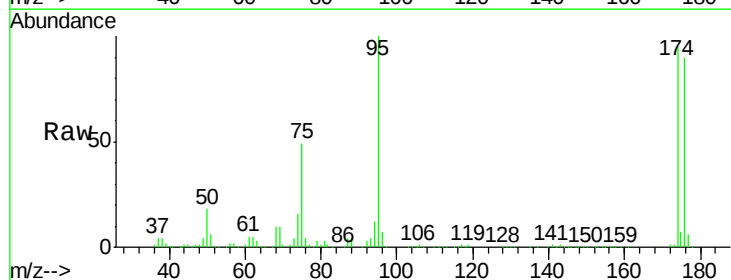
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

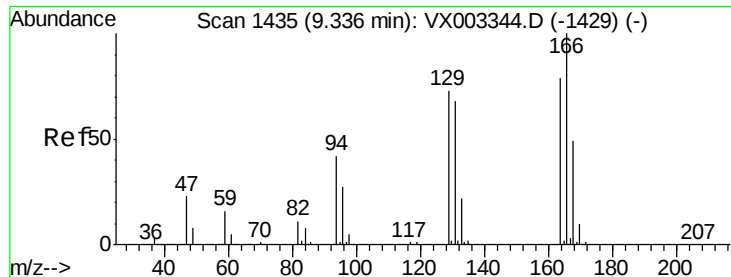
Tot Ion: 43 Resp: 90200
Ion Ratio Lower Upper
43 100
58 51.9 39.6 59.4
57 18.1 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.411 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Tgt Ion: 95 Resp: 130966
Ion Ratio Lower Upper
95 100
174 92.9 71.8 107.6
176 89.8 70.1 105.1





#61

Tetrachloroethene

Concen: 6.266 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:164 Resp: 23185

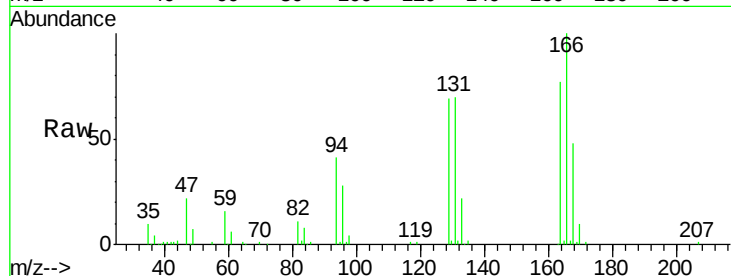
Ion Ratio Lower Upper

164 100

166 130.3 102.4 153.6

129 89.3 70.1 105.1

131 91.6 69.1 103.7

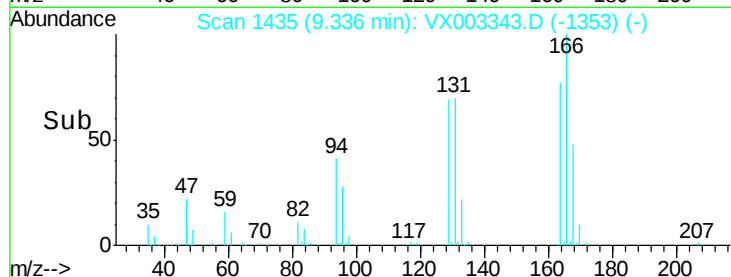
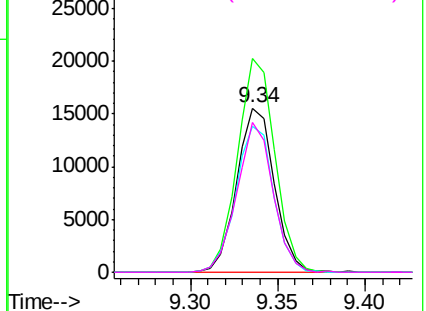


Abundance Ion 163.85 (163.55 to 164.55): V

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: 5.966 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003343.D

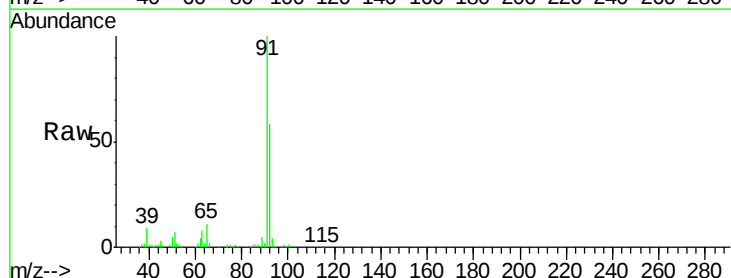
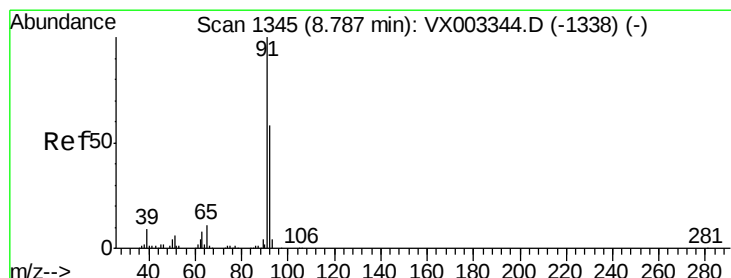
Acq: 12 Jul 2018 11:11

Tgt Ion: 91 Resp: 77535

Ion Ratio Lower Upper

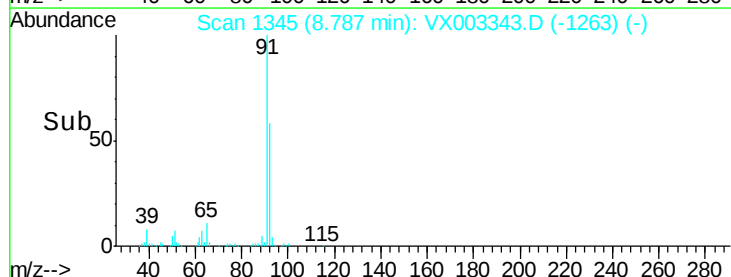
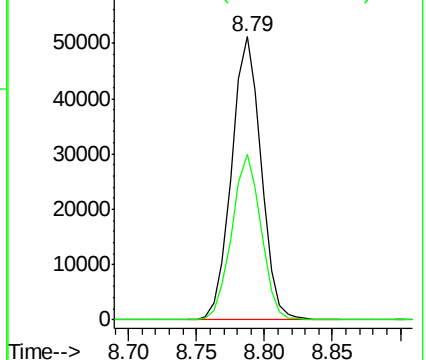
91 100

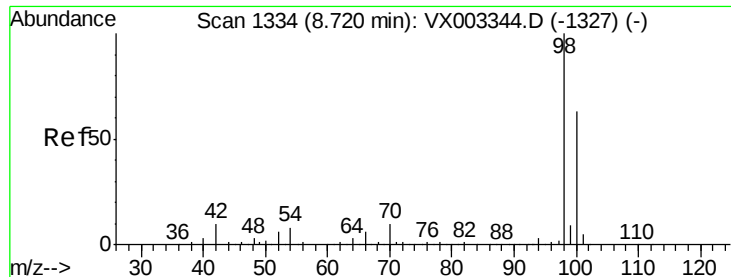
92 57.9 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.938 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

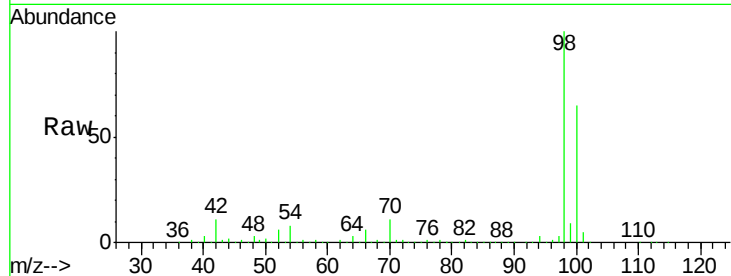
VSTDIC005

Tot Ion: 98 Resp: 364375

Ion Ratio Lower Upper

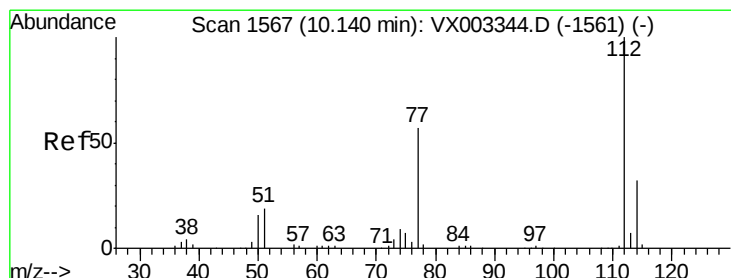
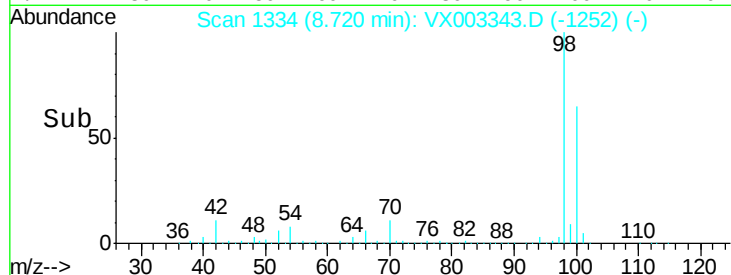
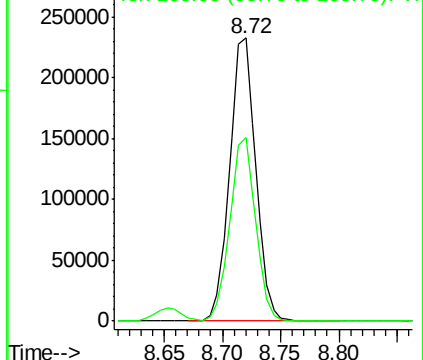
98 100

100 64.2 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#64

Chlorobenzene

Concen: 5.963 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003343.D

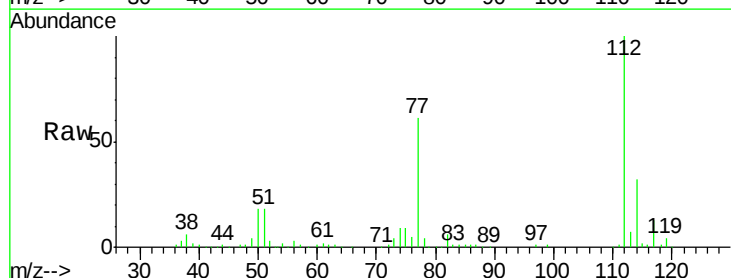
Acq: 12 Jul 2018 11:11

Tgt Ion: 112 Resp: 51484

Ion Ratio Lower Upper

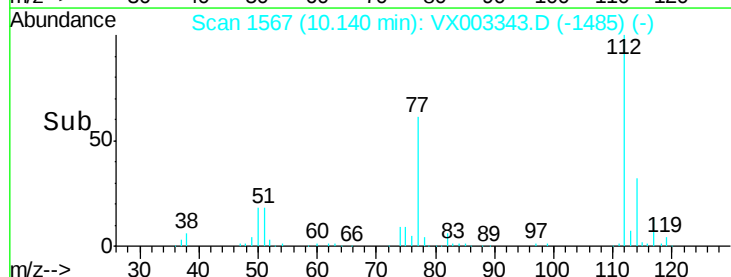
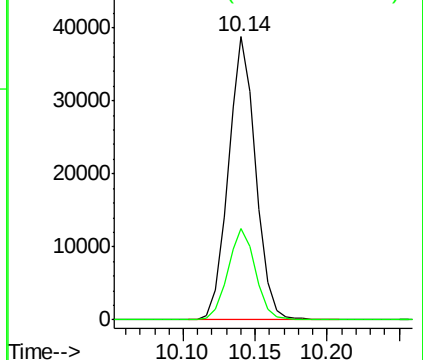
112 100

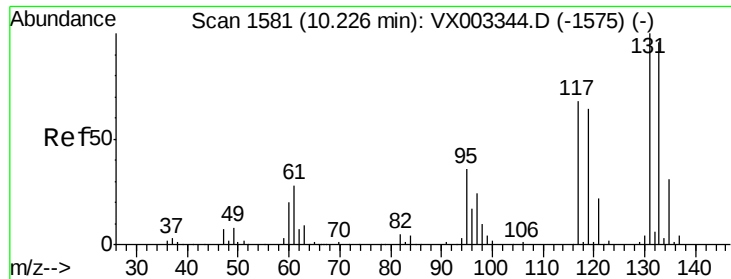
114 32.5 25.6 38.4



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: 5.314 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

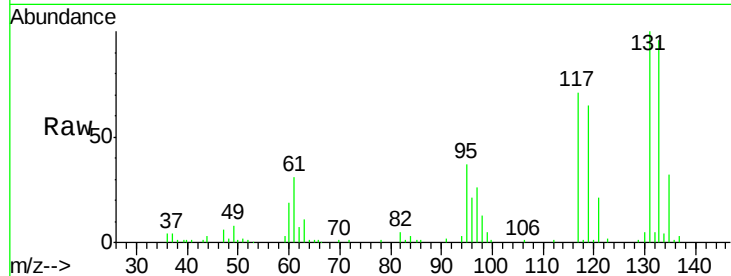
Tot Ion:131 Resp: 16820

Ion Ratio Lower Upper

131 100

133 93.9 0.0 191.2

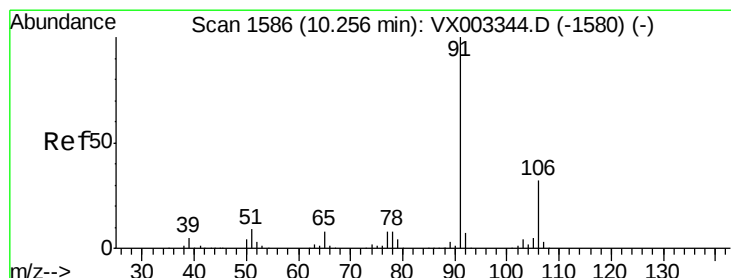
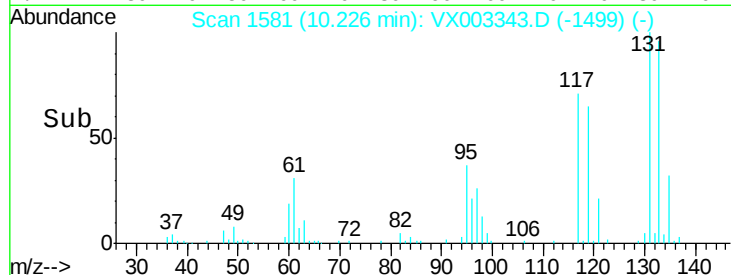
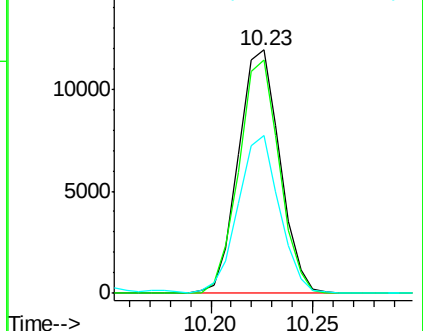
119 64.9 0.0 125.4



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: 5.489 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003343.D

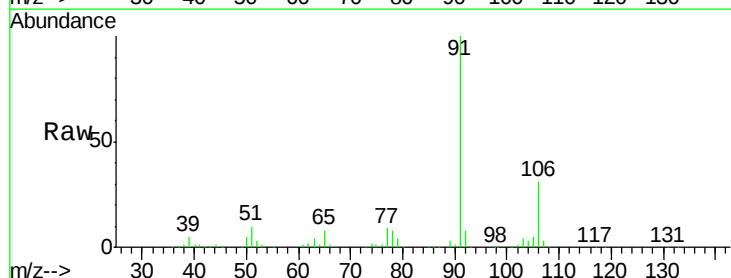
Acq: 12 Jul 2018 11:11

Tgt Ion: 91 Resp: 80339

Ion Ratio Lower Upper

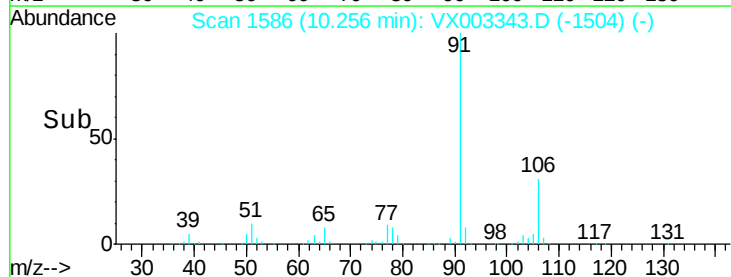
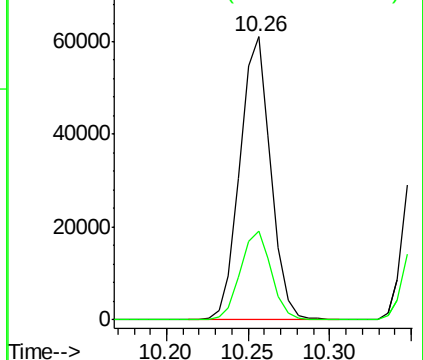
91 100

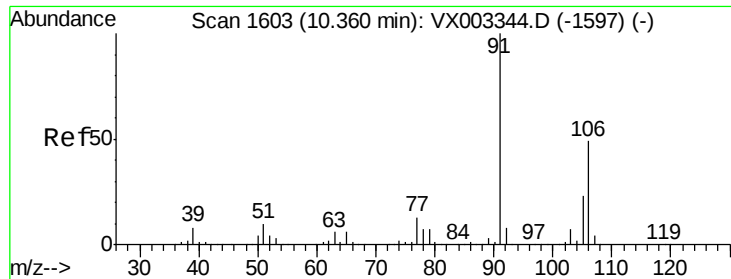
106 31.3 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

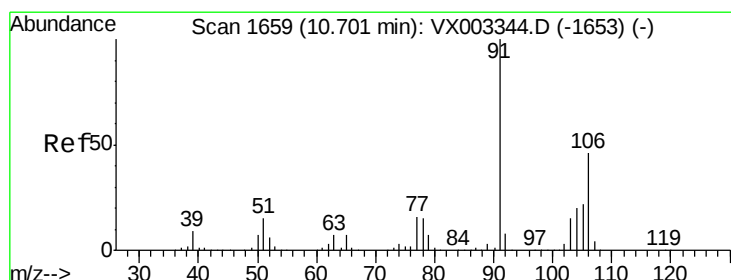
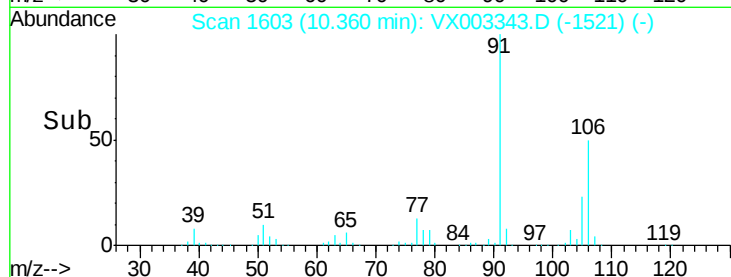
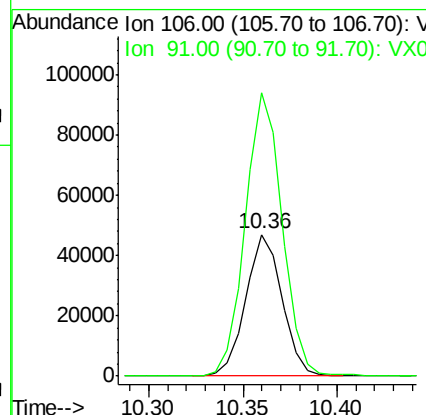
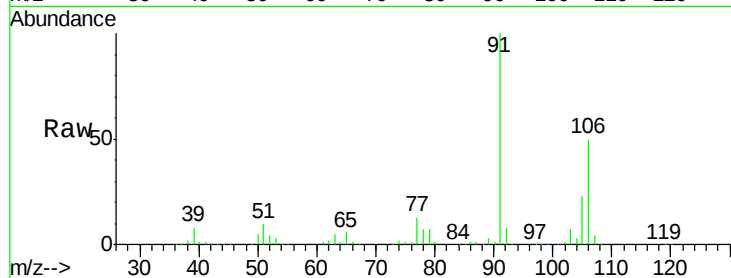




#67
m/p-Xylenes
Concen: 11.035 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

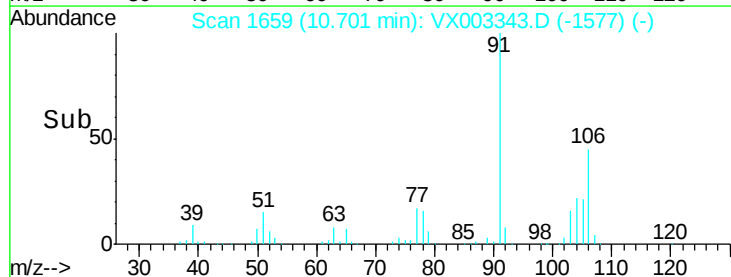
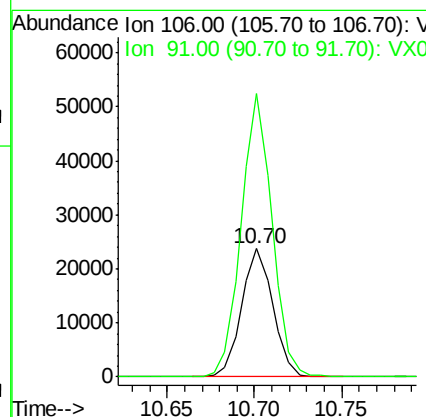
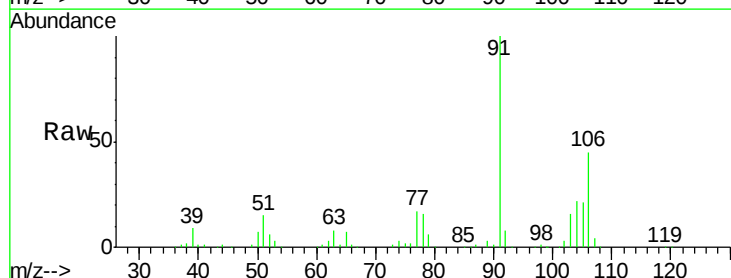
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

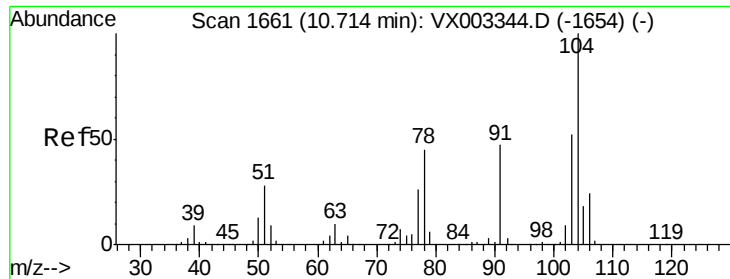
Tot Ion:106 Resp: 62768
Ion Ratio Lower Upper
106 100
91 202.6 164.1 246.1



#68
o-Xylene
Concen: 5.350 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Tgt Ion:106 Resp: 29645
Ion Ratio Lower Upper
106 100
91 216.6 109.1 327.3

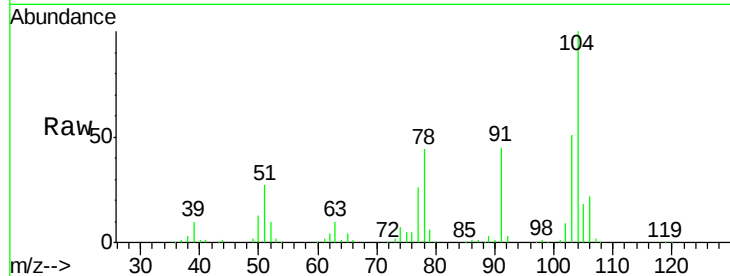




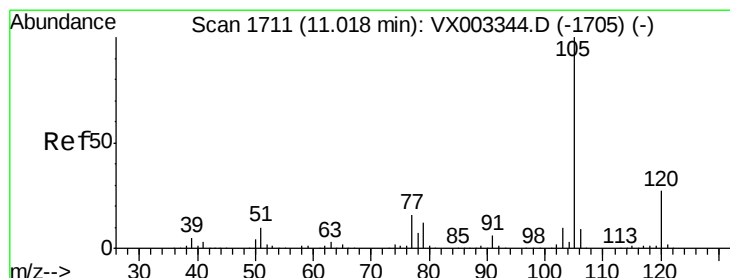
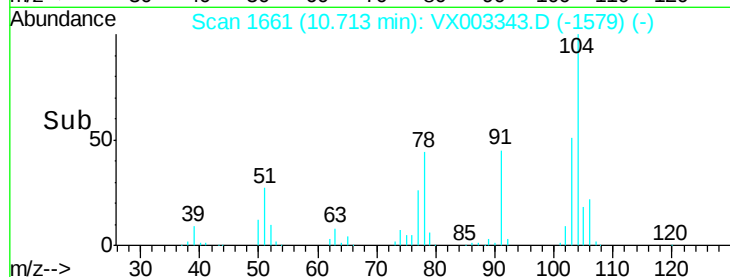
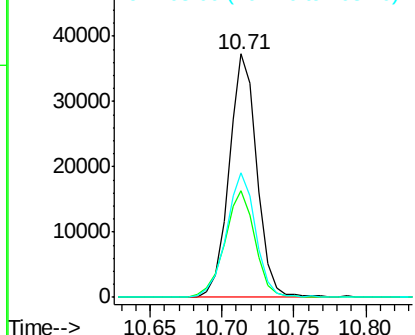
#69
Stvrene
Concen: 5.457 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:104 Resp: 50449
Ion Ratio Lower Upper
104 100
78 48.3 41.8 62.8
103 54.2 44.9 67.3

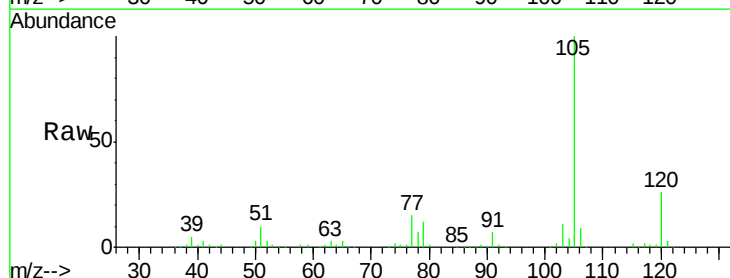


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX
Ion 103.00 (102.70 to 103.70): V

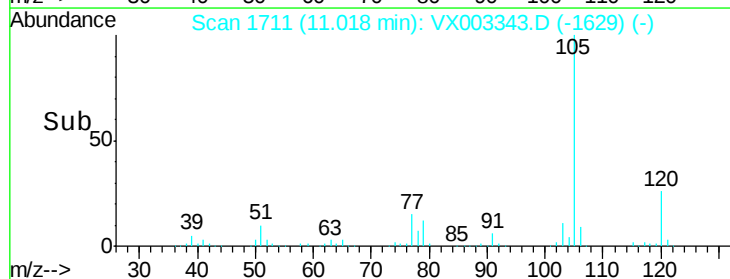
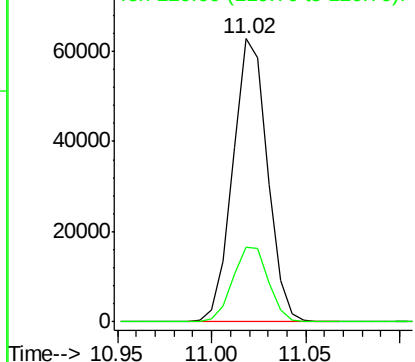


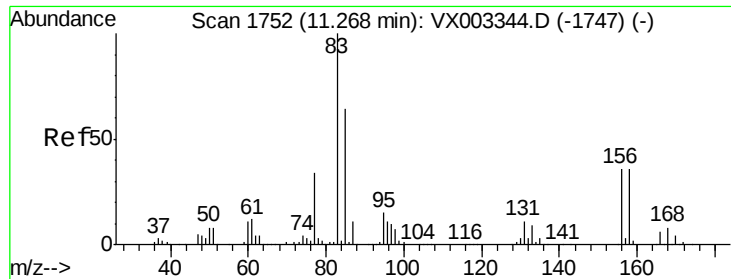
#70
Isopropylbenzene
Concen: 5.251 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.00 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Tgt Ion:105 Resp: 80233
Ion Ratio Lower Upper
105 100
120 27.4 19.0 35.2



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

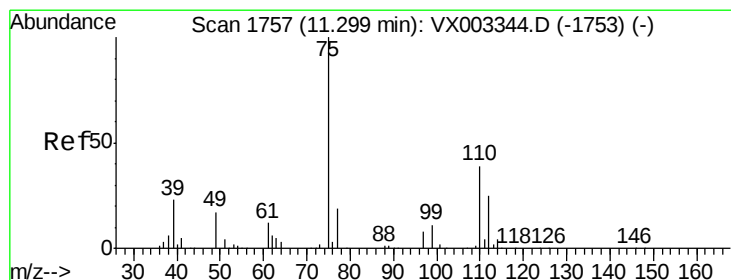
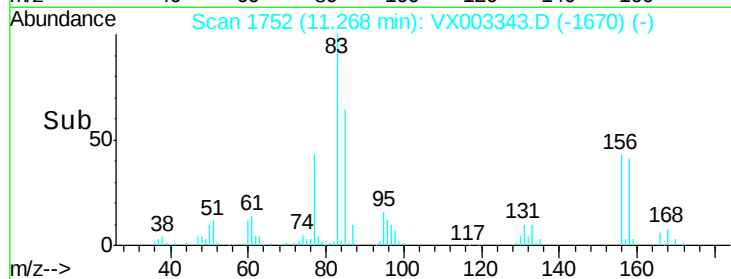
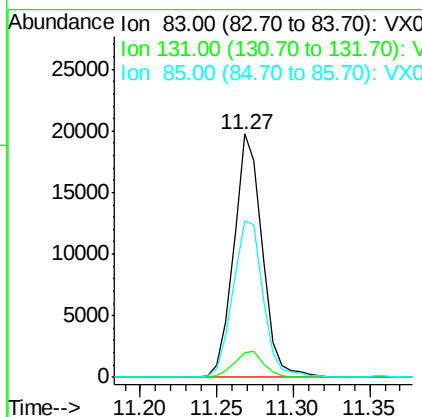
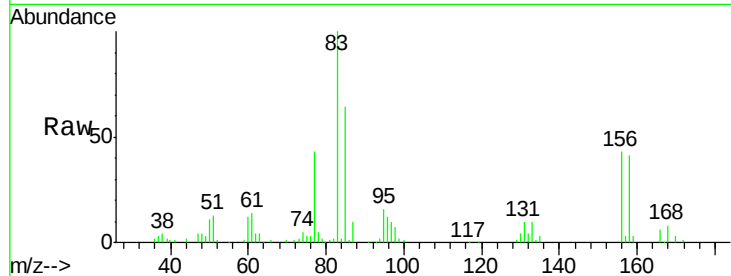




#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.572 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: VX003343.D
 Acq: 12 Jul 2018 11:11

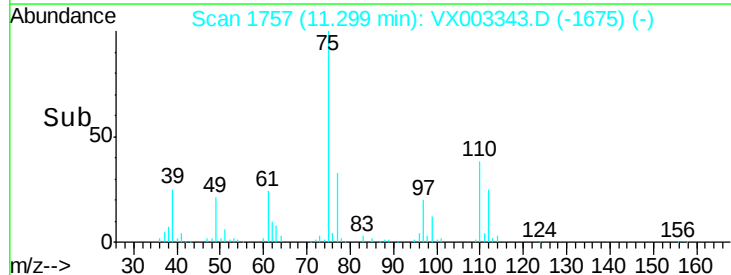
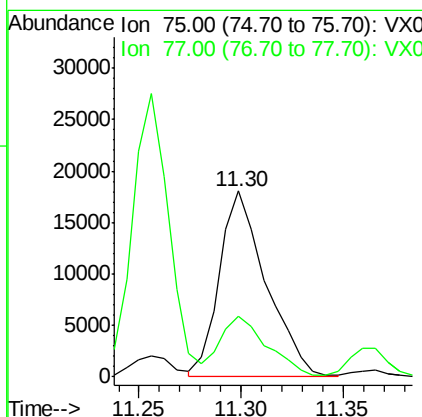
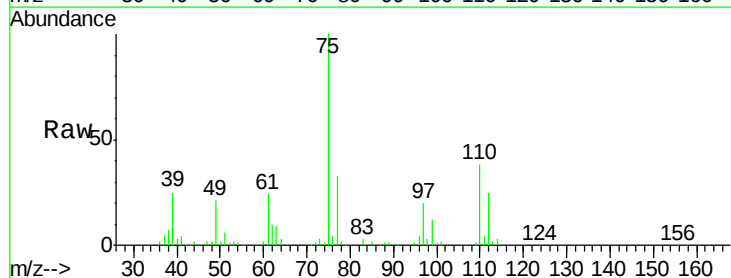
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

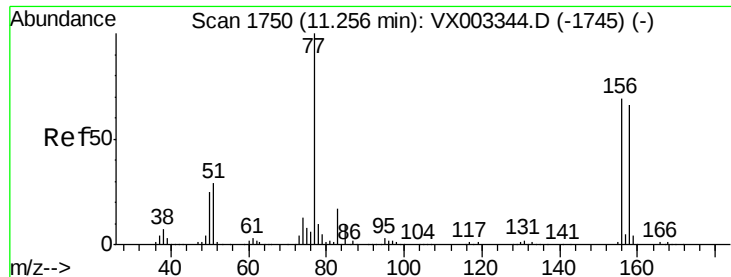
Tot Ion: 83 Resp: 25451
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.4 16.2
 85 68.5 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 7.265 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX003343.D
 Acq: 12 Jul 2018 11:11

Tgt Ion: 75 Resp: 28767
 Ion Ratio Lower Upper
 75 100
 77 32.2 0.0 71.8





#73

Bromobenzene

Concen: 5.692 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

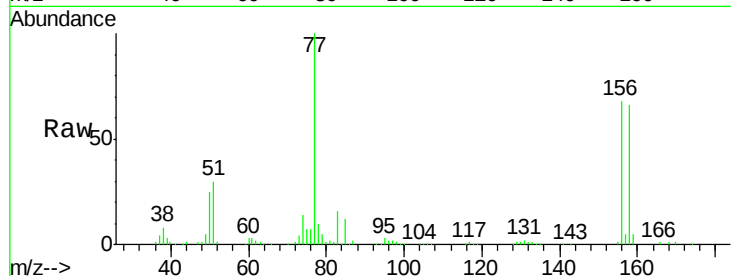
Tot Ion:156 Resp: 24188

Ion Ratio Lower Upper

156 100

77 141.8 0.0 301.0

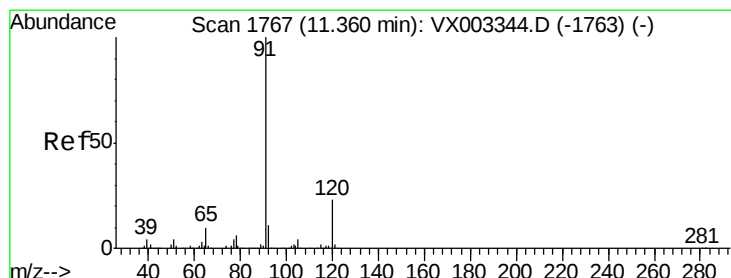
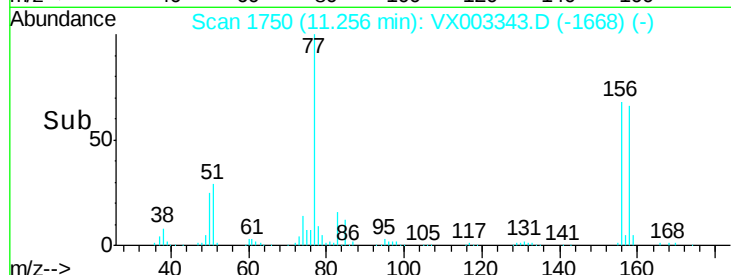
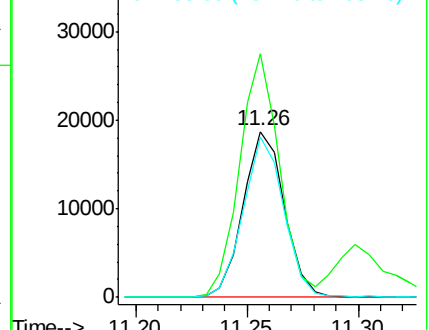
158 95.3 0.0 196.2



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: 5.395 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX003343.D

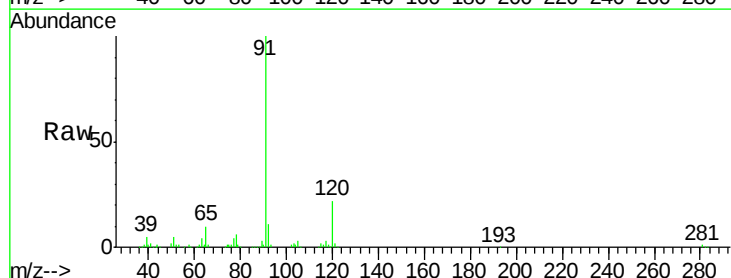
Acq: 12 Jul 2018 11:11

Tgt Ion: 91 Resp: 95700

Ion Ratio Lower Upper

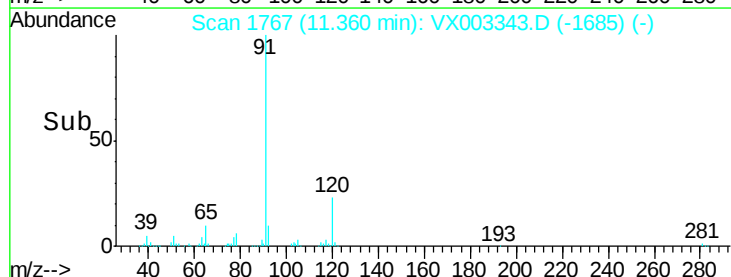
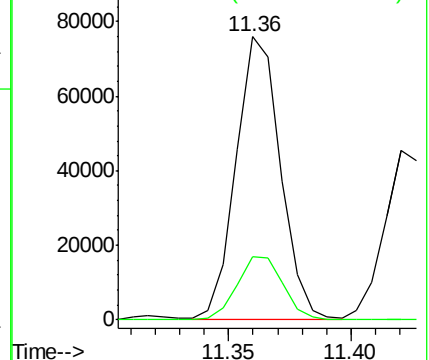
91 100

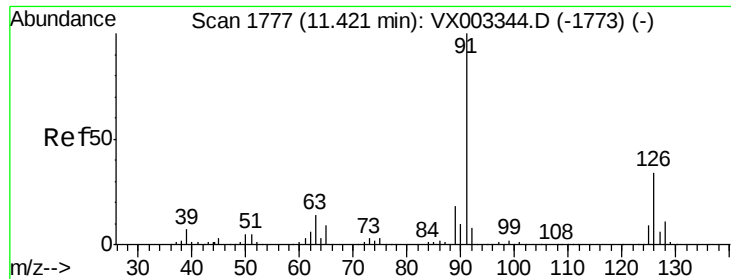
120 23.2 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 5.614 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

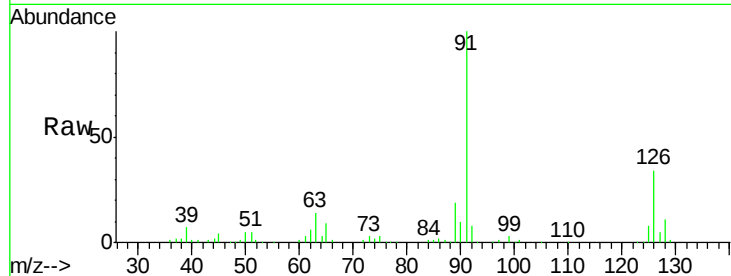
VSTDIC005

Tot Ion: 91 Resp: 57957

Ion Ratio Lower Upper

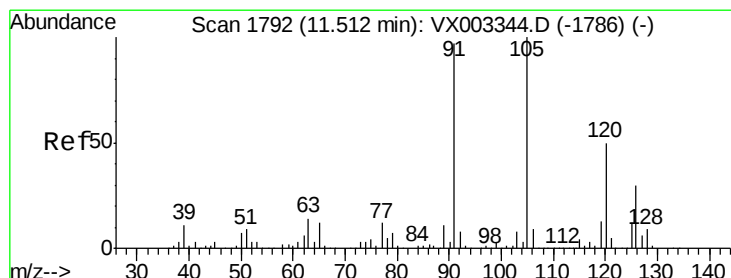
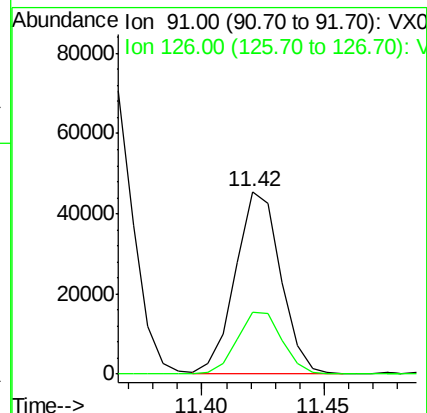
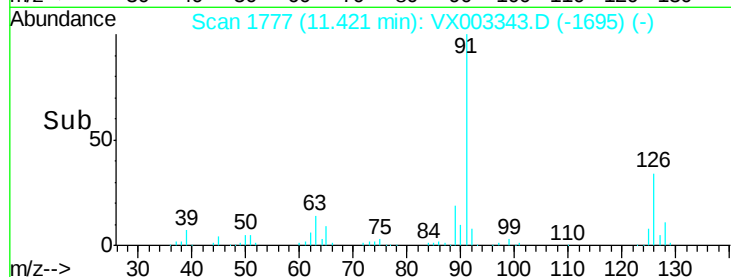
91 100

126 34.4 0.0 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX003344.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX003344.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 5.244 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003343.D

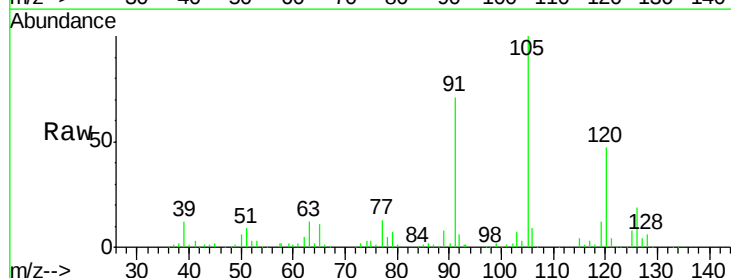
Acq: 12 Jul 2018 11:11

Tgt Ion: 105 Resp: 68035

Ion Ratio Lower Upper

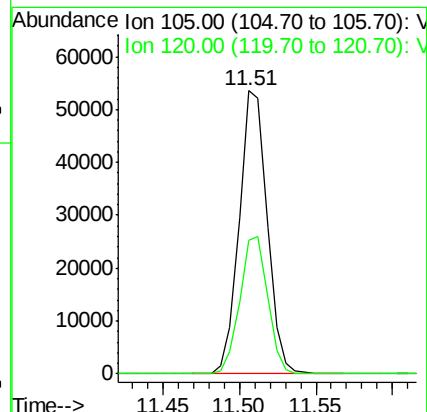
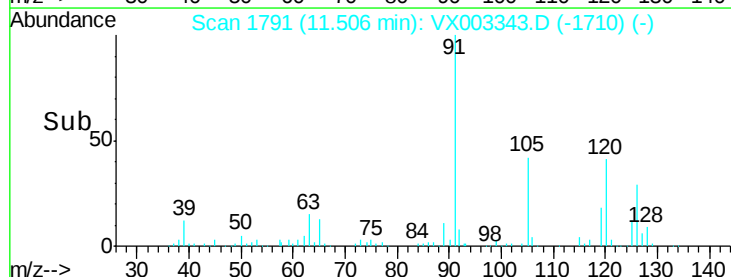
105 100

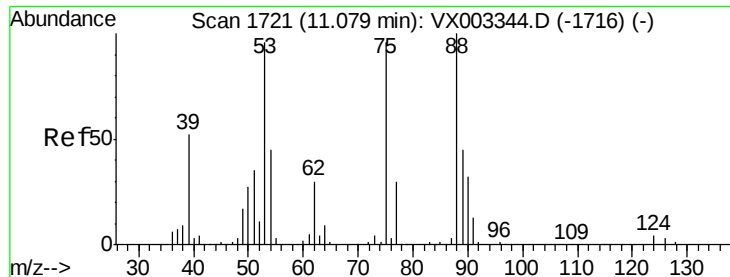
120 48.3 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX003344.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX003344.D (-1786) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 4.379 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

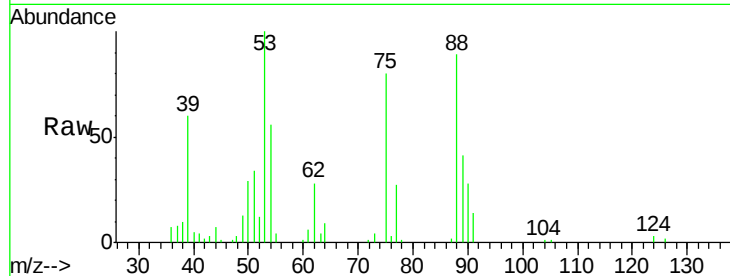
Tot Ion: 75 Resp: 5577

Ion Ratio Lower Upper

75 100

53 124.1 48.3 144.9

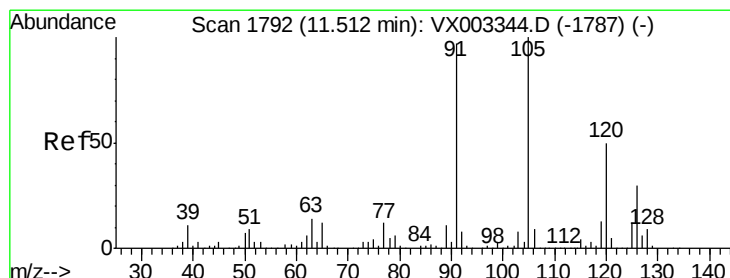
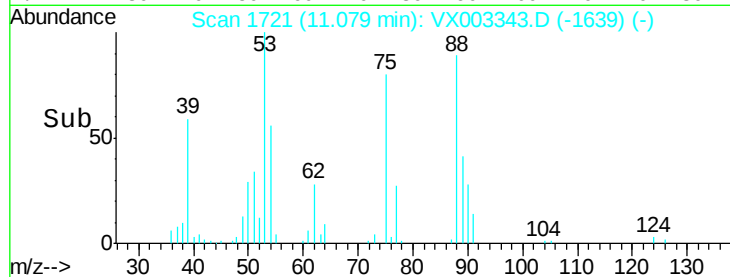
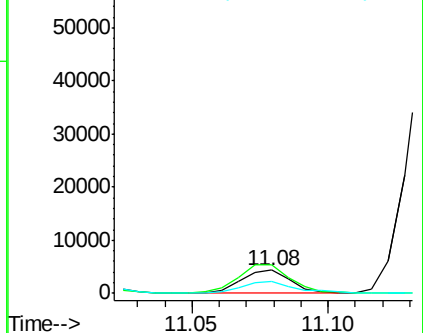
89 51.8 21.8 65.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 5.468 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003343.D

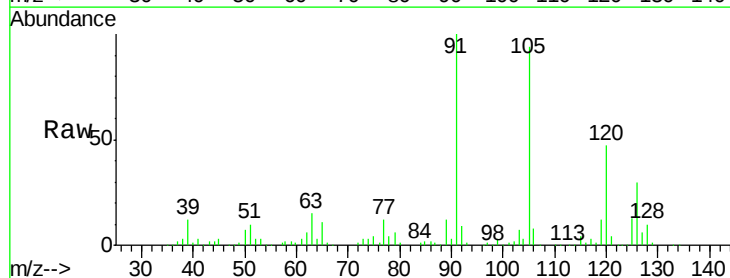
Acq: 12 Jul 2018 11:11

Tgt Ion: 91 Resp: 66864

Ion Ratio Lower Upper

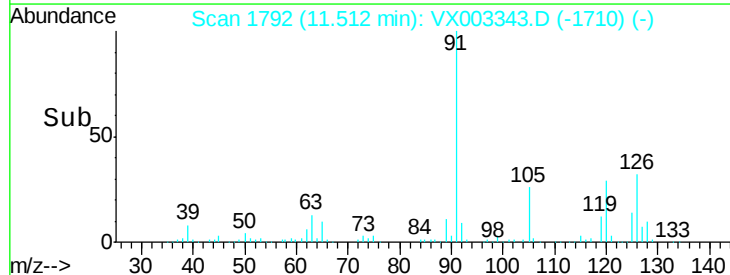
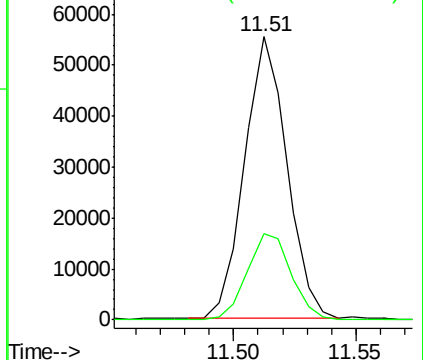
91 100

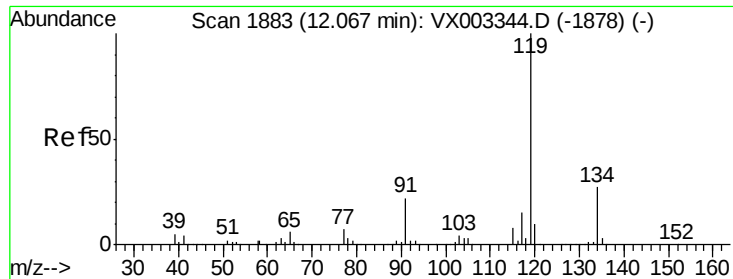
126 32.0 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

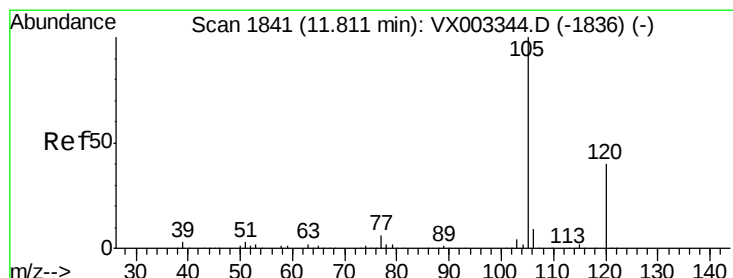
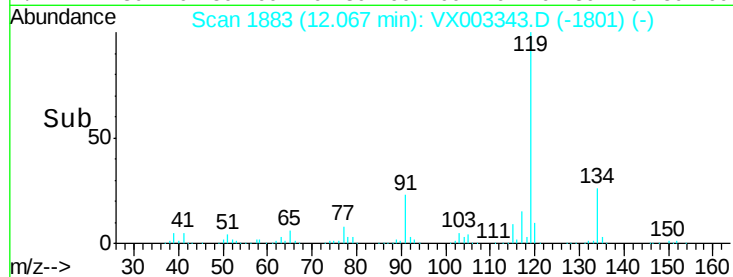
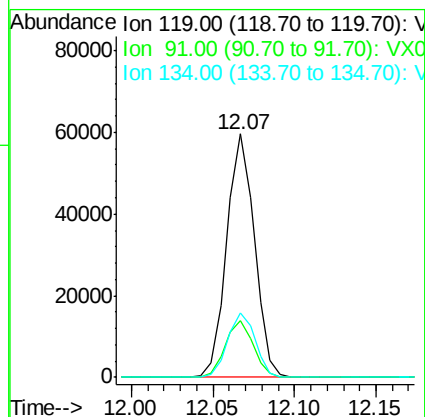
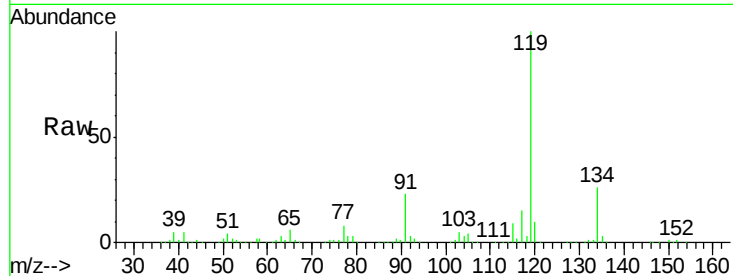




#79
tert-butylbenzene
Concen: 4.945 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

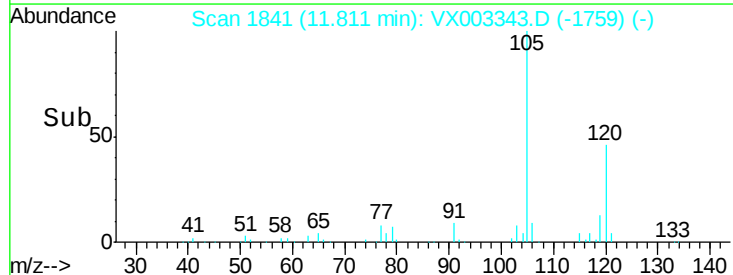
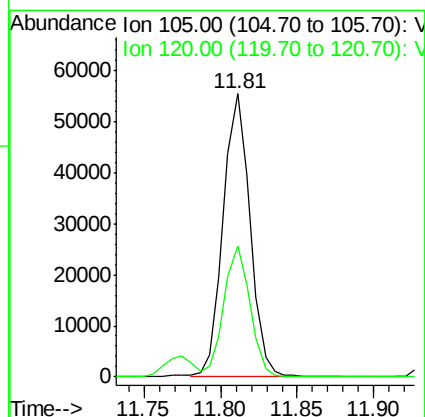
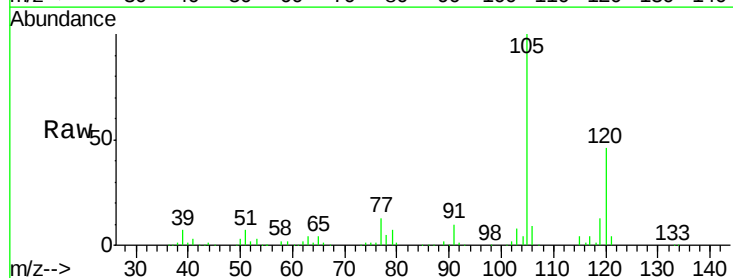
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

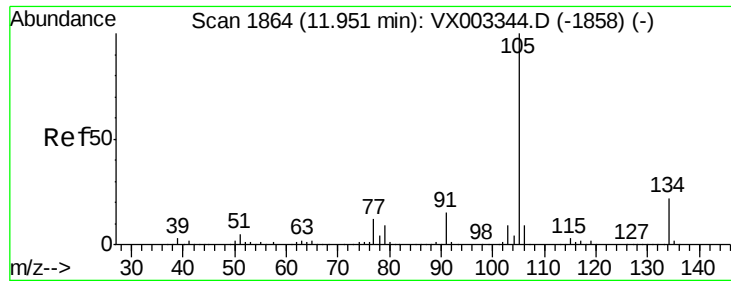
Tot Ion:119 Resp: 70767
Ion Ratio Lower Upper
119 100
91 23.6 0.0 48.0
134 26.5 0.0 52.6



#80
1,2,4-Trimethylbenzene
Concen: 5.096 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Tgt Ion:105 Resp: 67520
Ion Ratio Lower Upper
105 100
120 45.4 0.0 89.2

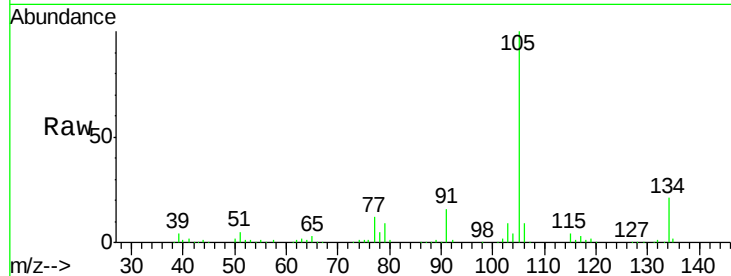




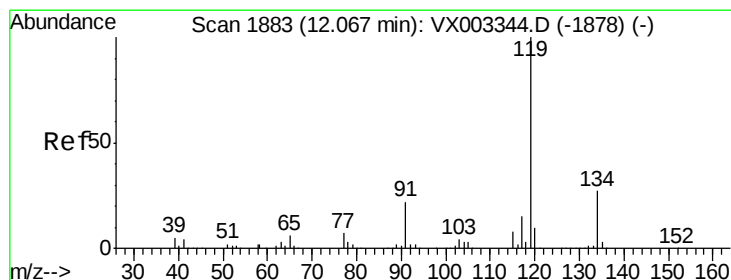
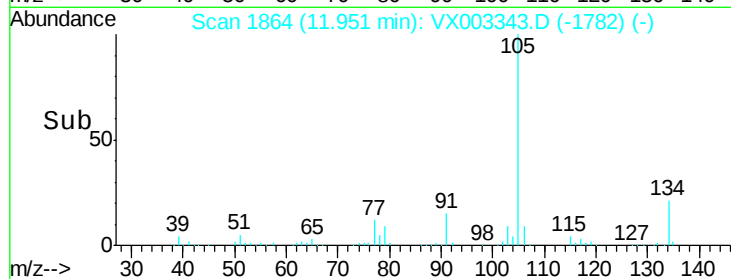
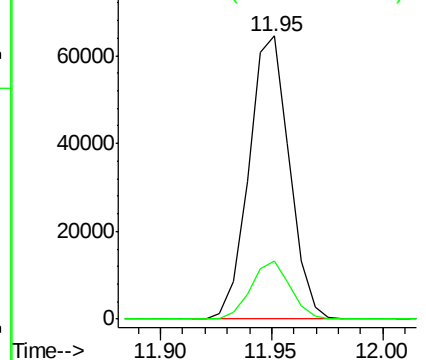
#81
 sec-Butylbenzene
 Concen: 5.121 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003343.D
 Acq: 12 Jul 2018 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:105 Resp: 81282
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 41.6

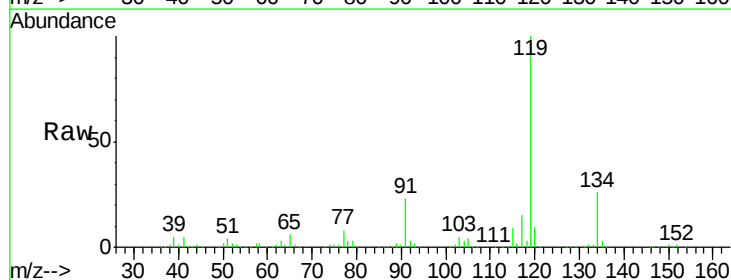


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

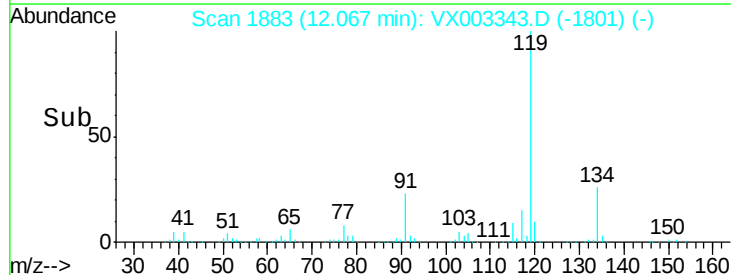
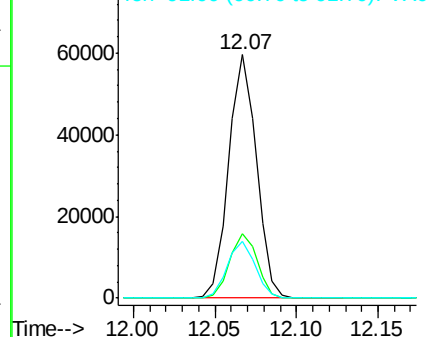


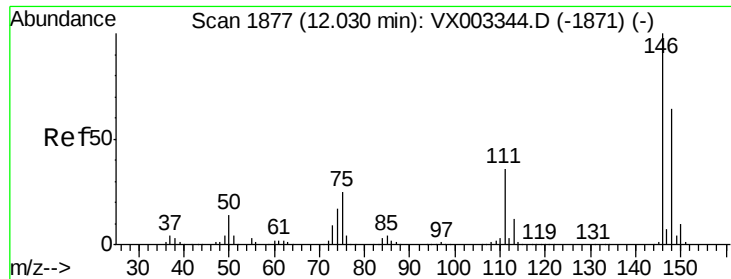
#82
 p-Isopropyltoluene
 Concen: 4.945 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003343.D
 Acq: 12 Jul 2018 11:11

Tgt Ion:119 Resp: 70767
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.6
 91 23.6 0.0 48.0



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

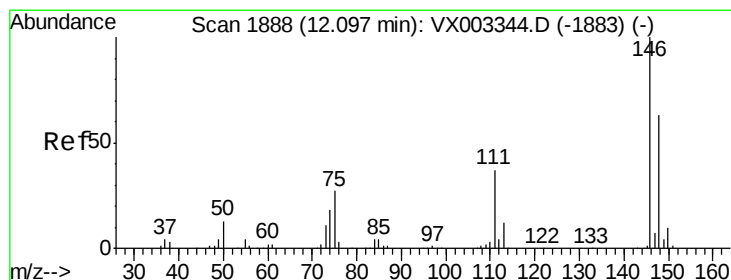
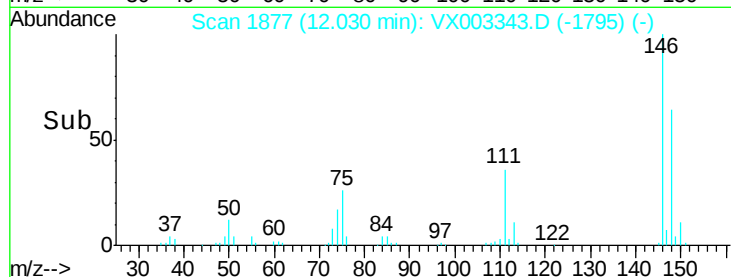
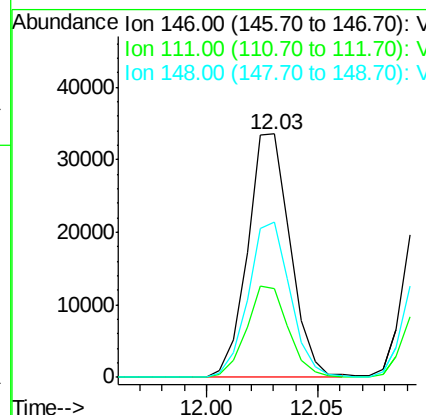
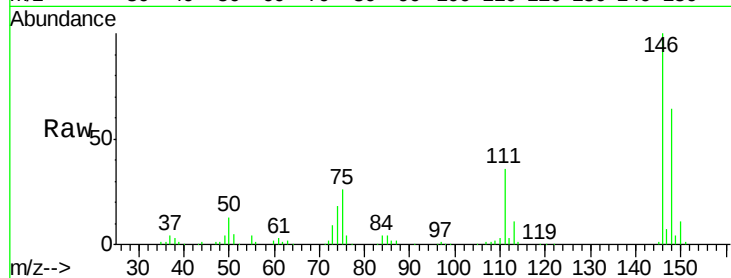




#83
 1,3-Dichlorobenzene
 Concen: 5.727 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003343.D
 Acq: 12 Jul 2018 11:11

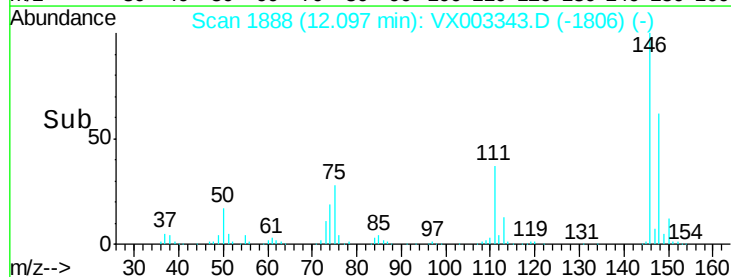
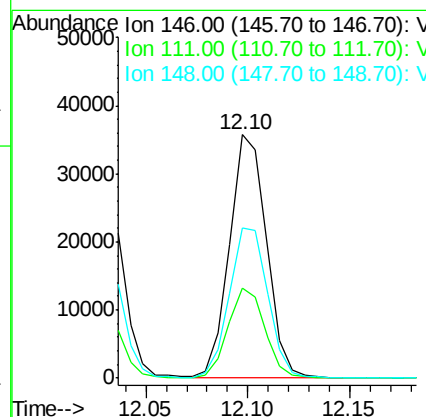
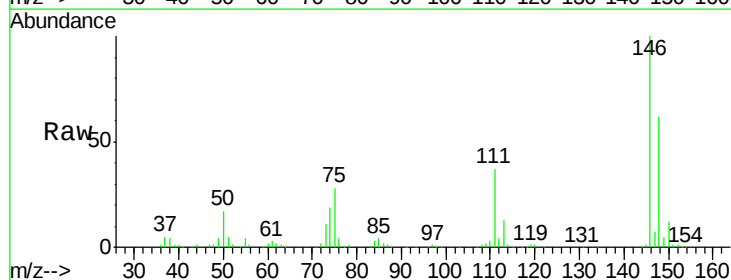
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

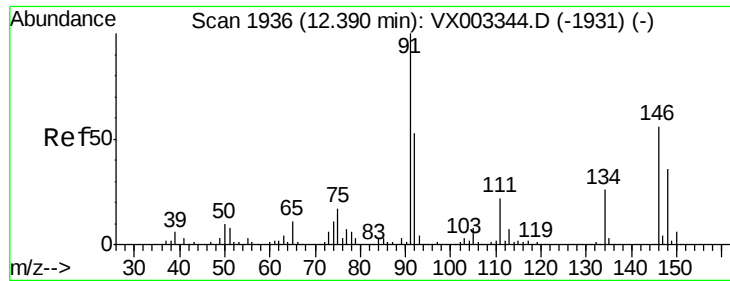
Tot Ion:146 Resp: 44783
 Ion Ratio Lower Upper
 146 100
 111 36.8 19.1 57.5
 148 63.2 31.9 95.7



#84
 1,4-Dichlorobenzene
 Concen: 5.659 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX003343.D
 Acq: 12 Jul 2018 11:11

Tgt Ion:146 Resp: 44694
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.5 55.5
 148 64.6 32.0 96.0





#85

n-Butylbenzene

Concen: 4.928 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

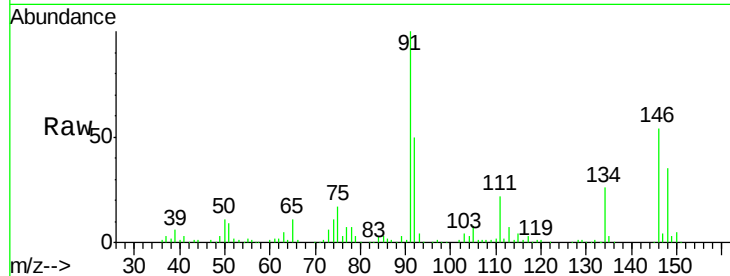
Tot Ion: 91 Resp: 62513

Ion Ratio Lower Upper

91 100

92 50.6 0.0 105.2

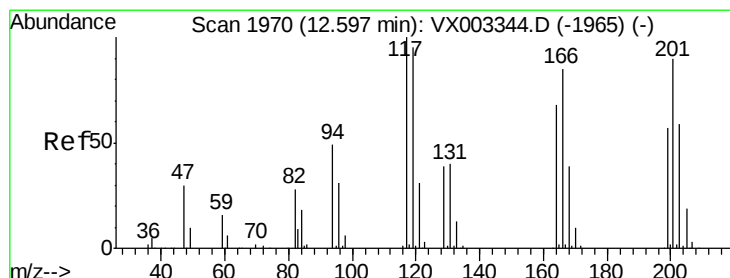
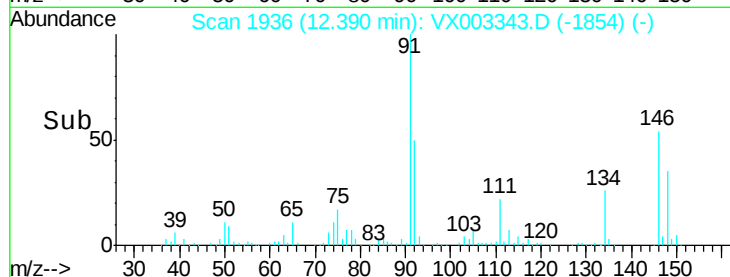
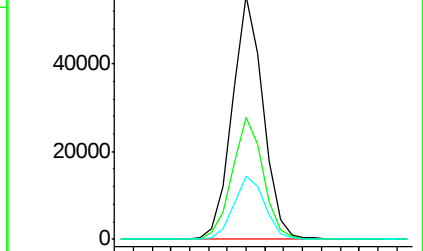
134 26.1 0.0 53.2



Abundance Ion 91.00 (90.70 to 91.70): VX003343.D (-1931) (-)

Ion 92.00 (91.70 to 92.70): VX003343.D (-1931) (-)

Ion 134.00 (133.70 to 134.70): VX003343.D (-1931) (-)



#86

Hexachloroethane

Concen: 4.395 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX003343.D

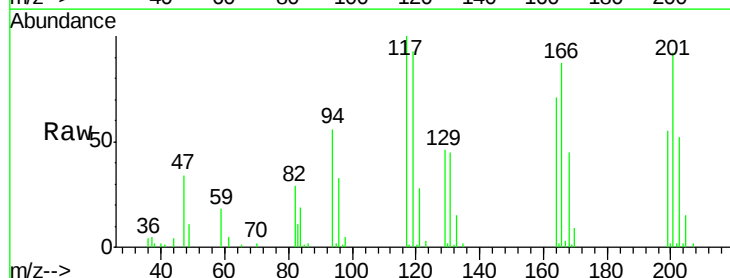
Acq: 12 Jul 2018 11:11

Tgt Ion: 117 Resp: 9533

Ion Ratio Lower Upper

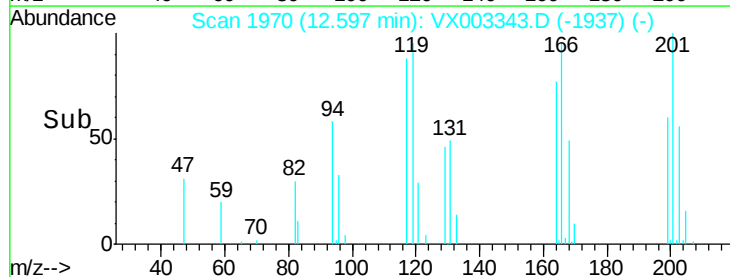
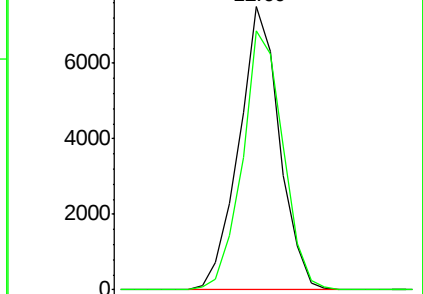
117 100

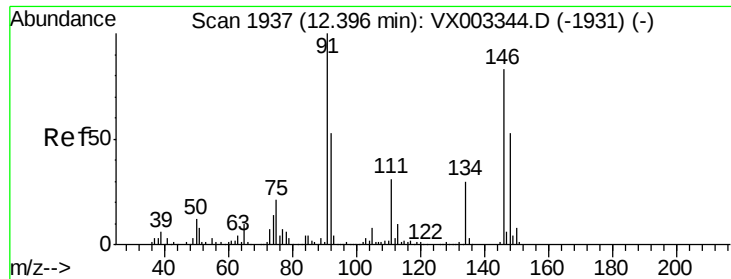
201 91.2 47.6 142.8



Abundance Ion 117.00 (116.70 to 117.70): VX003343.D (-1937) (-)

Ion 201.00 (200.70 to 201.70): VX003343.D (-1937) (-)





#87

1,2-Dichlorobenzene

Concen: 5.453 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

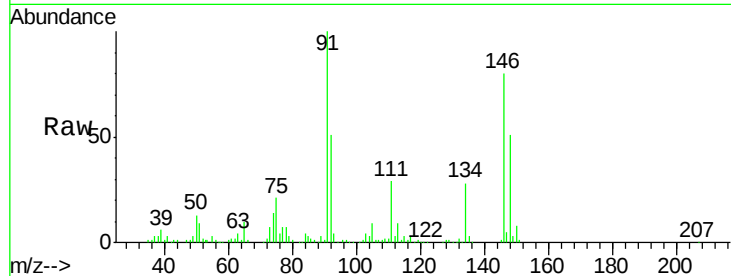
Tot Ion:146 Resp: 43059

Ion Ratio Lower Upper

146 100

111 38.9 20.0 59.9

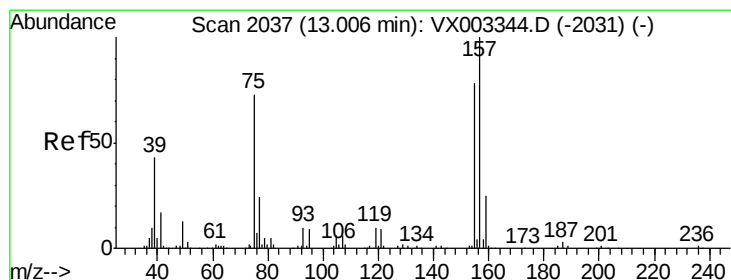
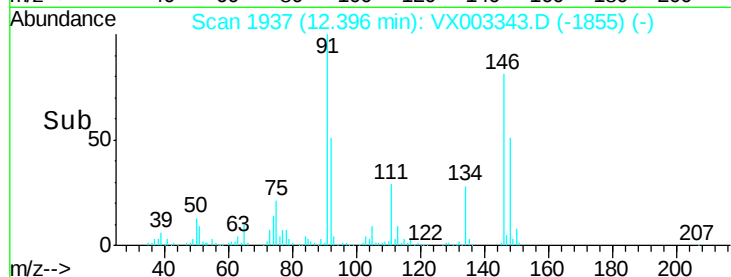
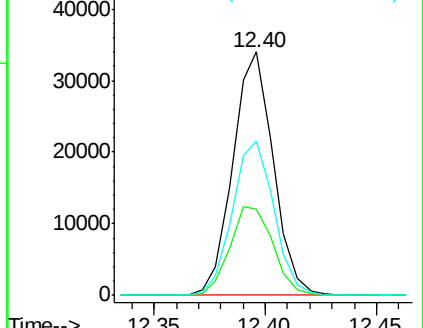
148 65.0 32.8 98.3



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: 4.374 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX003343.D

Acq: 12 Jul 2018 11:11

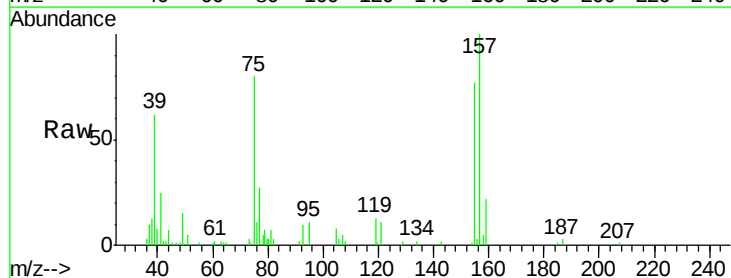
Tgt Ion: 75 Resp: 4463

Ion Ratio Lower Upper

75 100

155 94.1 73.1 109.7

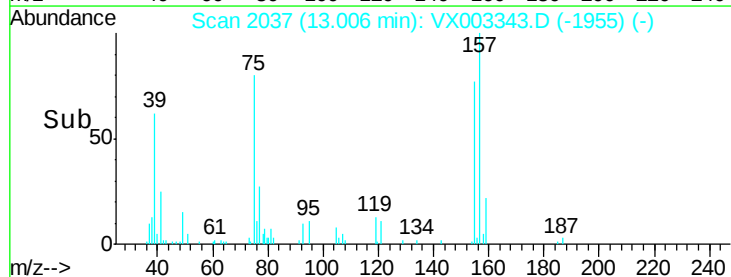
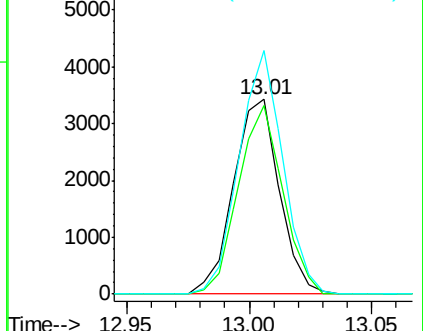
157 119.3 93.1 139.7

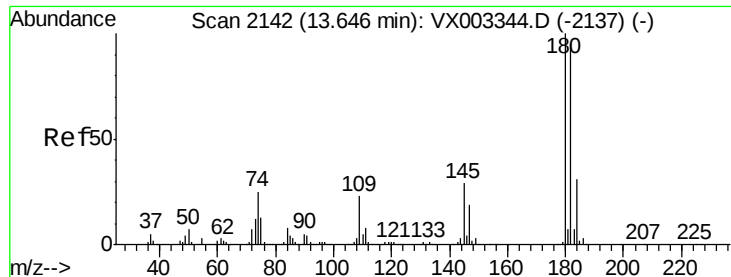


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

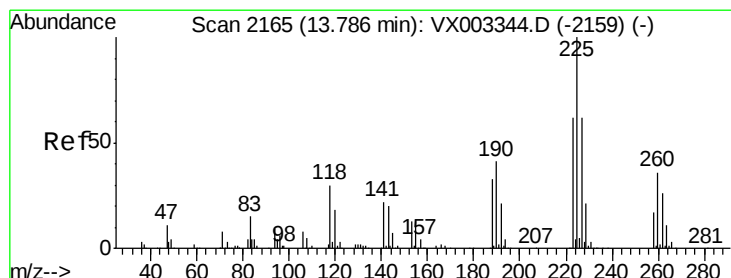
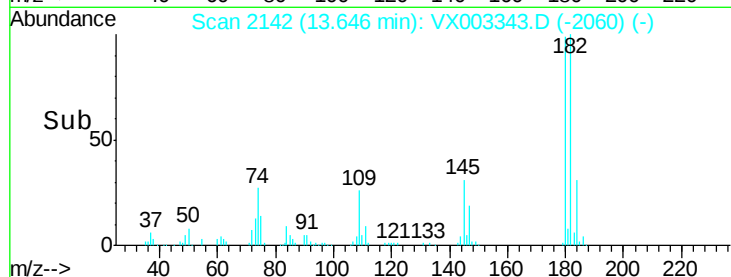
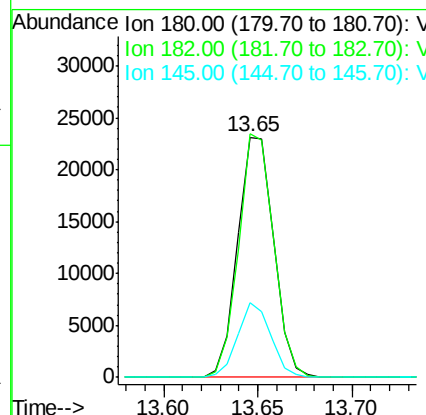
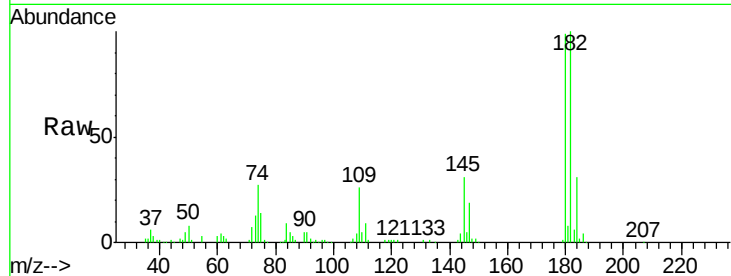




#89
 1,2,4-Trichlorobenzene
 Concen: 5.161 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX003343.D
 Acq: 12 Jul 2018 11:11

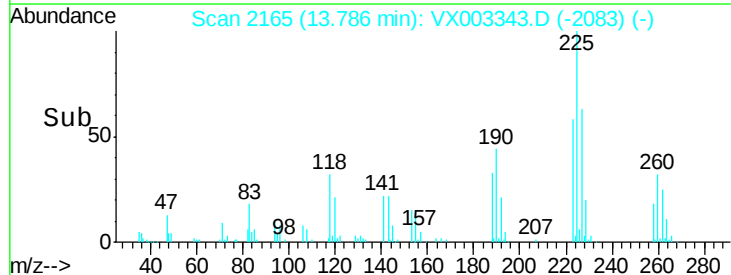
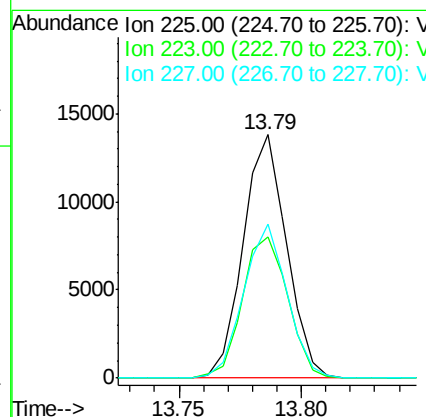
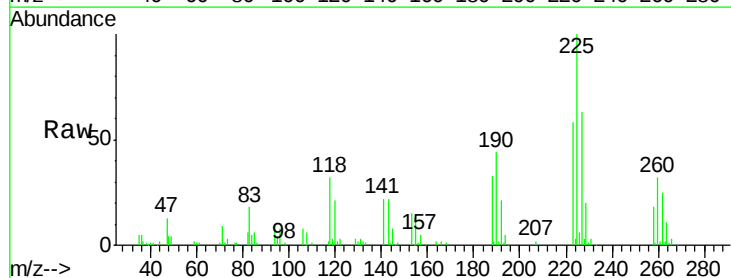
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

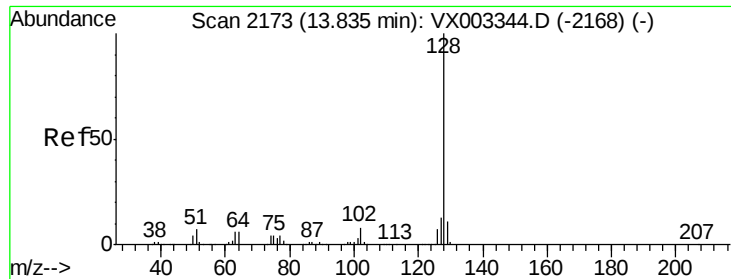
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.1	76.4	114.6
145	28.6	22.9	34.3



#90
 Hexachlorobutadiene
 Concen: 5.482 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003343.D
 Acq: 12 Jul 2018 11:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	0.0	122.4
227	63.2	0.0	128.0

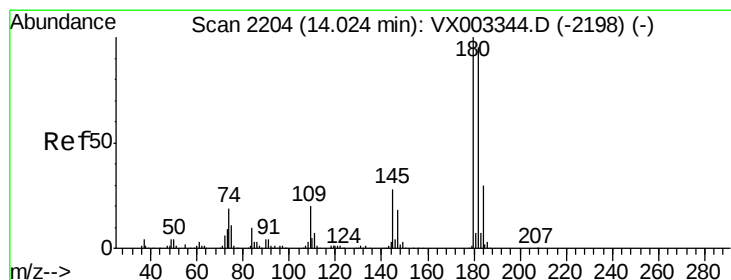
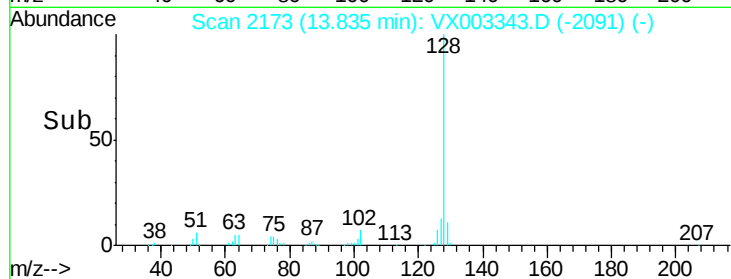
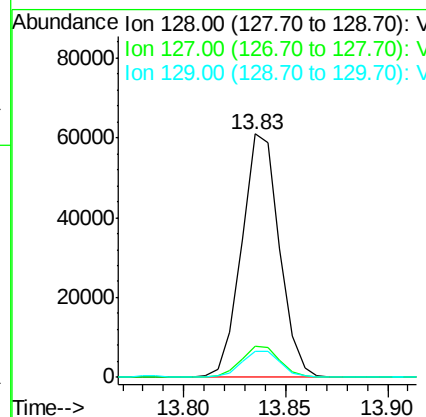
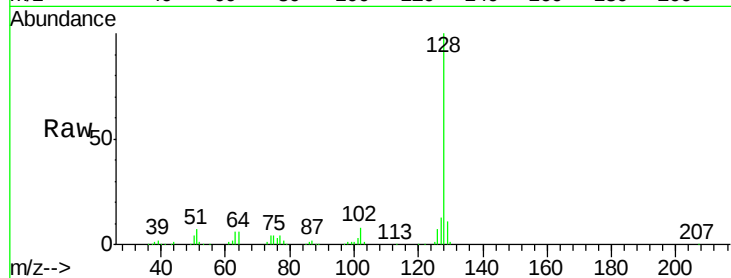




#91
Naphthalene
Concen: 4.945 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.1	8.9	13.3



#92
1,2,3-Trichlorobenzene
Concen: 5.454 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003343.D
Acq: 12 Jul 2018 11:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	0.0	191.0
145	29.5	0.0	60.6

