

Data File : VX004914.D
Acq On : 02 Oct 2018 11:51
Operator : JC/MD
Sample : VSTDICC200
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC200

Quant Time: Oct 03 04:27:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X100218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 03 04:23:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	44590	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	268203	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	255089	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	105214	31.05	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.50%
60) 4-Bromofluorobenzene	11.14	95	133294	31.44	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	104.80%
63) Toluene-d8	8.72	98	327634	28.77	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.90%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	744440	214.434	ug/l	99
3) Chloromethane	1.32	50	772339	214.421	ug/l	100
4) Vinyl Chloride	1.40	62	762640	207.112	ug/l	100
5) Bromomethane	1.64	94	389349	220.347	ug/l	98
6) Chloroethane	1.70	64	380434	179.954	ug/l	100
7) Trichlorofluoromethane	1.91	101	947653	202.032	ug/l	99
8) Diethyl Ether	2.19	74	390620	204.282	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	537168	199.411	ug/l	99
10) 1,1-Dichloroethene	2.36	96	522784	204.892	ug/l	99
11) Methyl Iodide	2.50	142	618728	297.835	ug/l	99
12) Methyl Acetate	2.78	43	1025297	199.279	ug/l	99
13) Acrolein	2.30	56	476523	1002.438	ug/l	99
14) Acrylonitrile	3.16	53	2089447	993.774	ug/l	99
15) Acetone	2.46	58	597364	849.946	ug/l	99
16) Carbon Disulfide	2.56	76	1583235	211.563	ug/l	100
17) Allyl chloride	2.72	41	1095325	193.051	ug/l	95
18) Methylene Chloride	2.85	84	585314	197.260	ug/l	97
19) trans-1,2-Dichloroethene	3.15	96	553474	203.038	ug/l	99
20) Diisopropyl ether	3.87	45	1967897	203.425	ug/l	95
21) 1,1-Dichloroethane	3.69	63	1048567	196.728	ug/l	100
22) cis-1,2-Dichloroethene	4.59	96	617905	204.884	ug/l	98
23) tert-Butyl Alcohol	3.01	59	7657	7.888	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	1901374	202.781	ug/l	100
25) Chloroform	5.22	83	1010110	201.363	ug/l	98
26) Cyclohexane	5.57	56	963416	210.618	ug/l	# 99
29) 1,1-Dichloropropene	5.79	75	779951	196.520	ug/l	99
30) 2-Butanone	4.71	43	2880291	892.631	ug/l	100
31) 2,2-Dichloropropane	4.58	77	842166	193.404	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	891827	195.480	ug/l	99
33) Carbon Tetrachloride	5.78	117	792375	197.759	ug/l	99
34) Benzene	6.14	78	2310852	191.873	ug/l	99
35) Methacrylonitrile	5.07	41	572483	190.911	ug/l	98
36) 1,2-Dichloroethane	6.20	62	814952	187.832	ug/l	99
37) Trichloroethene	7.21	130	614596	193.732	ug/l	98
38) Methylcyclohexane	7.46	83	962223	204.209	ug/l	97
39) 1,2-Dichloropropane	7.52	63	624980	194.761	ug/l	96
40) Dibromomethane	7.66	93	403070	193.797	ug/l	97

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Quant Time: Oct 03 04:27:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X100218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 03 04:23:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	803231	200.328	ug/l	97
42) Vinyl Acetate	3.83	43	8734762	935.665	ug/l	99
43) Ethyl Acetate	4.87	43	1009825	189.718	ug/l	99
44) Isopropyl Acetate	6.47	43	1601312	201.594	ug/l	100
45) 1,4-Dioxane	7.76	88	362662	3875.303	ug/l	97
46) Methyl methacrylate	7.78	41	841310	204.146	ug/l	97
47) n-amyl Acetate	10.90	43	1669914	227.865	ug/l	97
48) t-1,3-Dichloropropene	9.04	75	973077	200.268	ug/l	98
49) cis-1,3-Dichloropropene	8.44	75	1011584	215.255	ug/l	99
50) 1,1,2-Trichloroethane	9.22	97	610097	193.750	ug/l	99
51) Ethyl methacrylate	9.18	69	1080648	216.243	ug/l	99
52) 1,3-Dichloropropane	9.37	76	1032042	194.271	ug/l	100
53) Dibromochloromethane	9.58	129	682137	208.800	ug/l	100
54) 1,2-Dibromoethane	9.68	107	647024	197.168	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	2673766	1013.962	ug/l	100
56) Bromoform	10.86	173	640970	234.935	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	5662915	988.725	ug/l	98
59) 2-Hexanone	9.51	43	4711345	998.416	ug/l	99
61) Tetrachloroethene	9.34	164	574947	185.208	ug/l	97
62) Toluene	8.79	91	2549510	190.175	ug/l	100
64) Chlorobenzene	10.14	112	1679676	194.010	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	628848	199.809	ug/l	99
66) Ethyl Benzene	10.26	91	2918737	199.426	ug/l	98
67) m/p-Xylenes	10.36	106	2273289	398.916	ug/l	96
68) o-Xylene	10.70	106	1118078	203.539	ug/l	98
69) Styrene	10.71	104	1932659	209.232	ug/l	99
70) Isopropylbenzene	11.02	105	2966269	201.659	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	1164951	213.226	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	1419533	285.197	ug/l	87
73) Bromobenzene	11.26	156	828951	205.014	ug/l	99
74) n-propylbenzene	11.37	91	3516485	203.181	ug/l	98
75) 2-Chlorotoluene	11.43	91	2140699	202.806	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	2634273	207.560	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	407349	248.918	ug/l	90
78) 4-Chlorotoluene	11.51	91	2554018	208.169	ug/l	99
79) tert-butylbenzene	12.07	119	2836442	210.584	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	2705349	209.017	ug/l	99
81) sec-Butylbenzene	11.95	105	3126828	208.711	ug/l	100
82) p-Isopropyltoluene	12.07	119	2836442	210.584	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	1578952	211.176	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	1598272	210.640	ug/l	99
85) n-Butylbenzene	12.39	91	2717488	222.130	ug/l	98
86) Hexachloroethane	12.60	117	516081	232.609	ug/l	99
87) 1,2-Dichlorobenzene	12.40	146	1615469	212.545	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	279349	221.266	ug/l	95
89) 1,2,4-Trichlorobenzene	13.65	180	1262704	222.705	ug/l	100
90) Hexachlorobutadiene	13.79	225	594924	212.540	ug/l	99
91) Naphthalene	13.83	128	3852120	218.501	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	1247163	214.513	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100218\
Quantitation Report (Not Reviewed)

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VSTDICC200

Quant Time: Oct 03 04:27:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X100218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 03 04:23:23 2018
Response via : Initial Calibration

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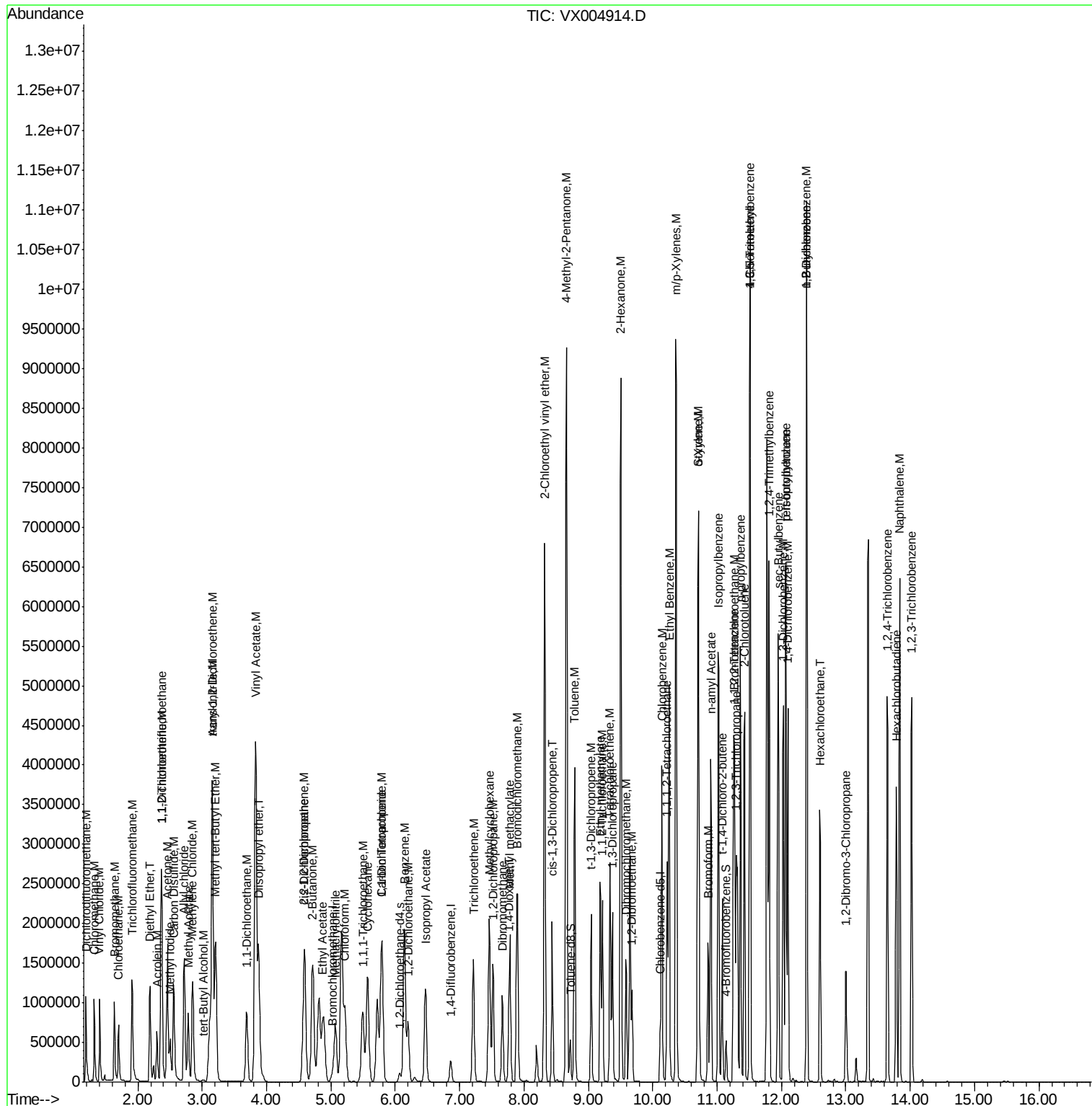
(#) = qualifier out of range (m) = manual integration (+) = signals summed

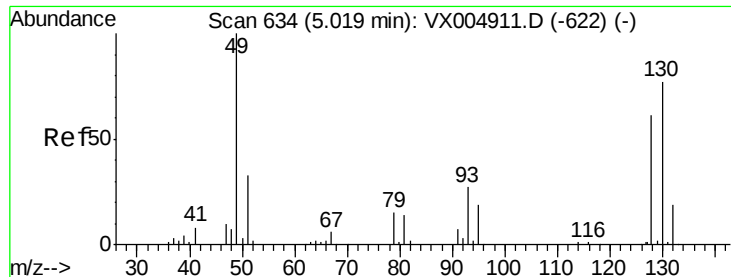
Data File : VX004914.D

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Acq On      : 02 Oct 2018   11:51
Operator    : JC/MD
Sample      : VSTDICC200
Misc       : 5.0mL/MSVOA_X/WATER
ALS Vial    : 6      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC200

Quant Time: Oct 03 04:27:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X100218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 03 04:23:23 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC200

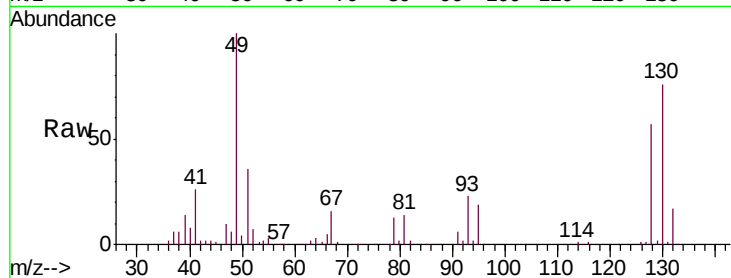
Tgt Ion:128 Resp: 44590

Ion Ratio Lower Upper

128 100

49 183.4 0.0 429.5

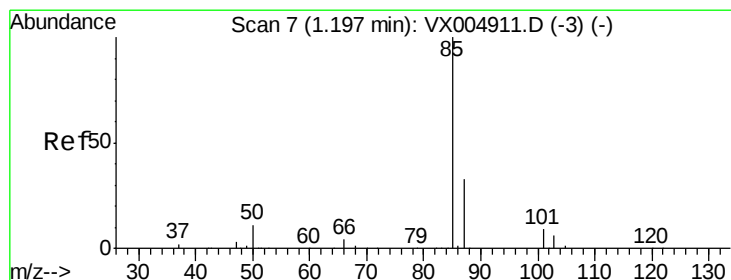
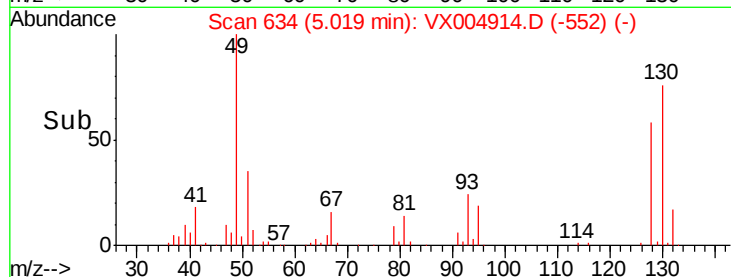
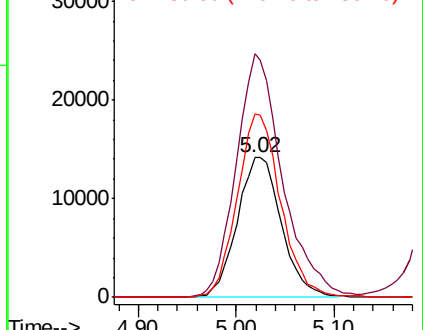
130 129.2 0.0 325.8



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: 214.434 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX004914.D

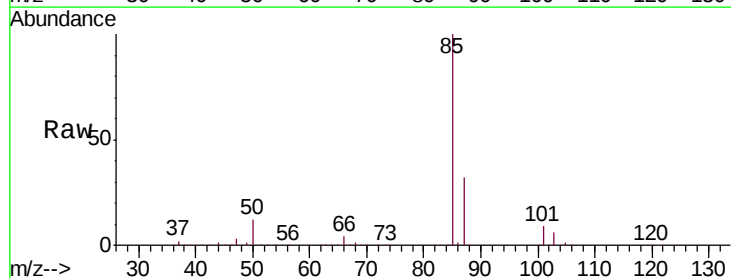
Acq: 02 Oct 2018 11:51

Tgt Ion: 85 Resp: 744440

Ion Ratio Lower Upper

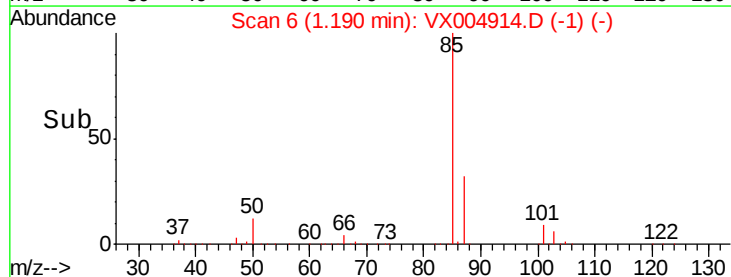
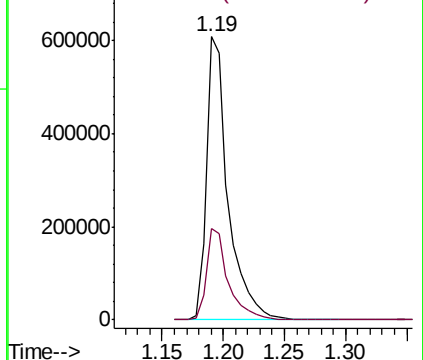
85 100

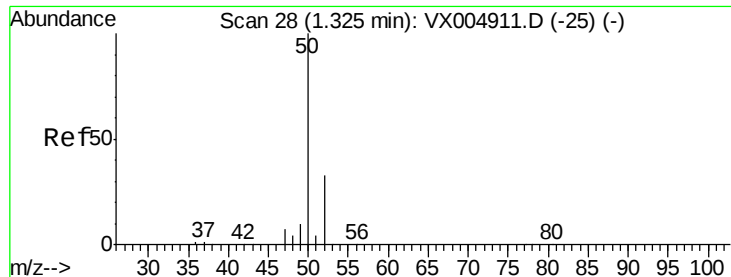
87 32.4 16.5 49.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 214.421 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

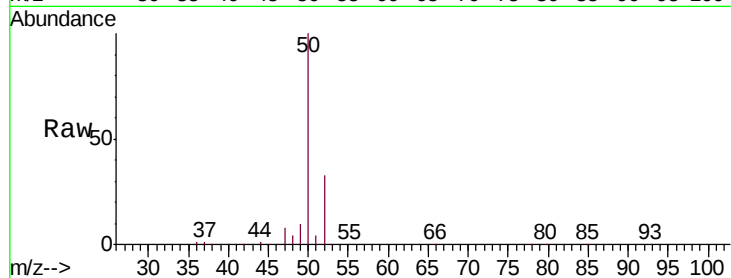
VSTDIC200

Tgt Ion: 50 Resp: 772339

Ion Ratio Lower Upper

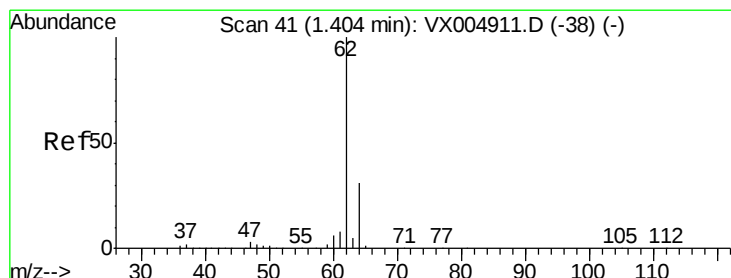
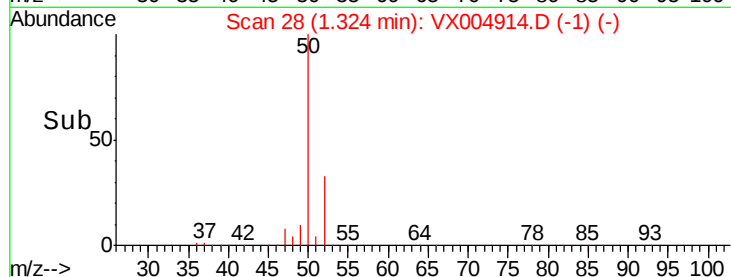
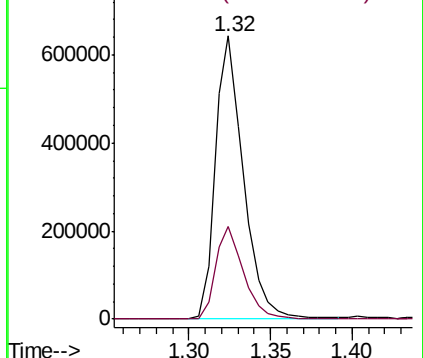
50 100

52 32.8 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 207.112 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004914.D

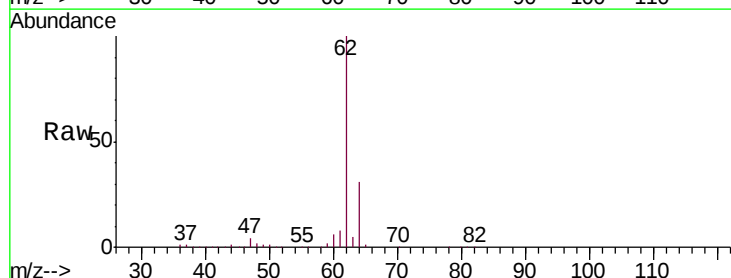
Acq: 02 Oct 2018 11:51

Tgt Ion: 62 Resp: 762640

Ion Ratio Lower Upper

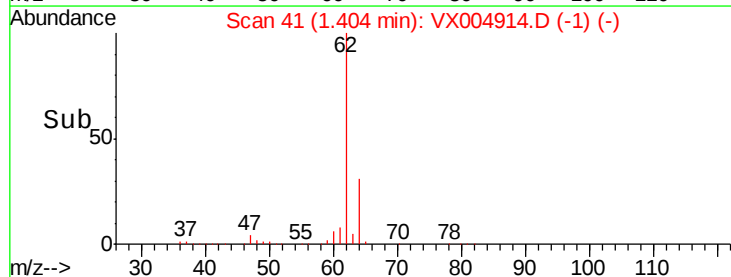
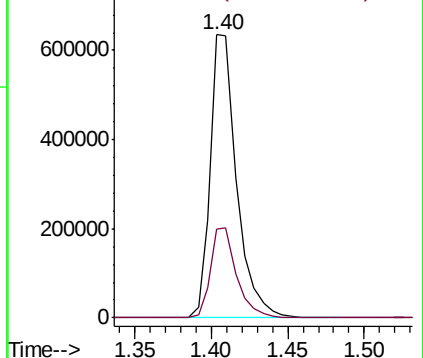
62 100

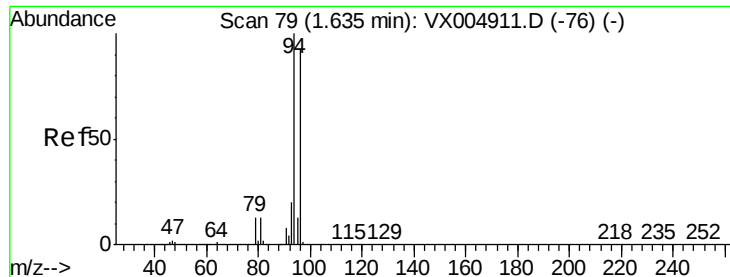
64 31.3 25.2 37.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 220.347 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

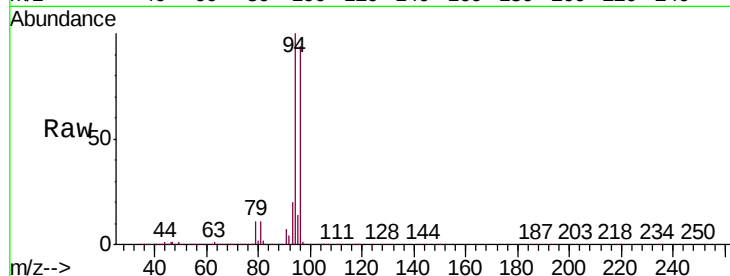
VSTDIC200

Tgt Ion: 94 Resp: 389349

Ion Ratio Lower Upper

94 100

96 94.0 73.8 110.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

400000

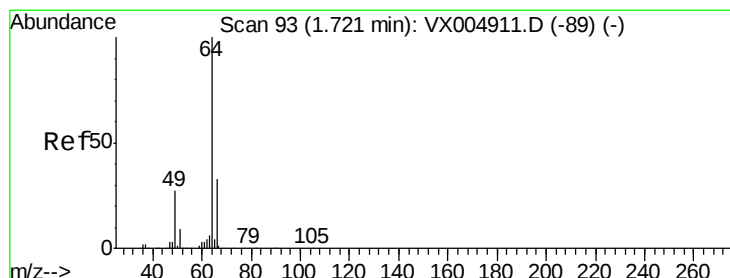
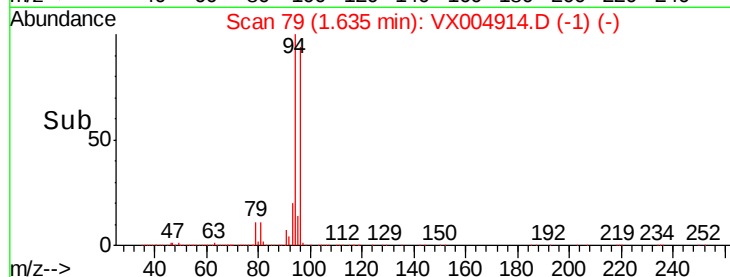
300000

200000

100000

0

Time-->



#6

Chloroethane

Concen: 179.954 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.02 min

Lab File: VX004914.D

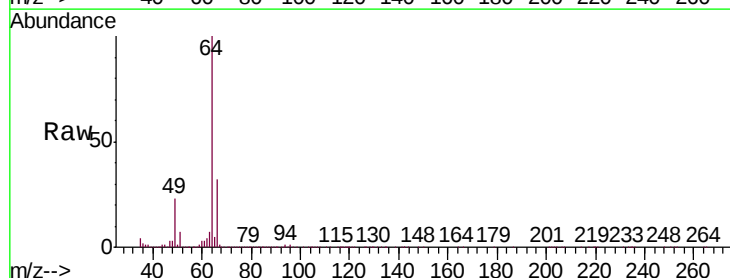
Acq: 02 Oct 2018 11:51

Tgt Ion: 64 Resp: 380434

Ion Ratio Lower Upper

64 100

66 32.5 26.0 39.0



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.70

400000

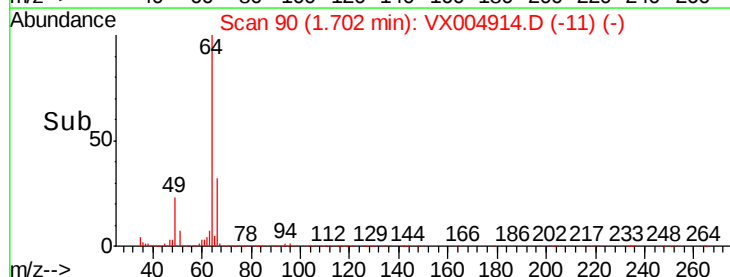
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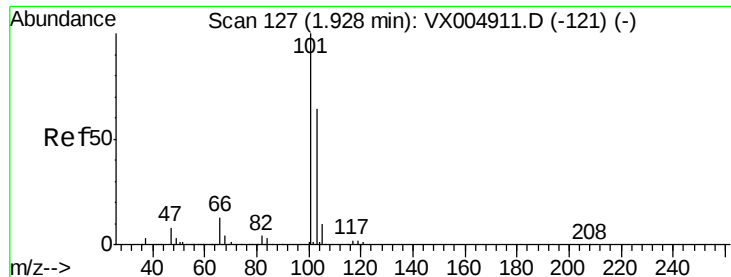
200000

100000

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Time-->



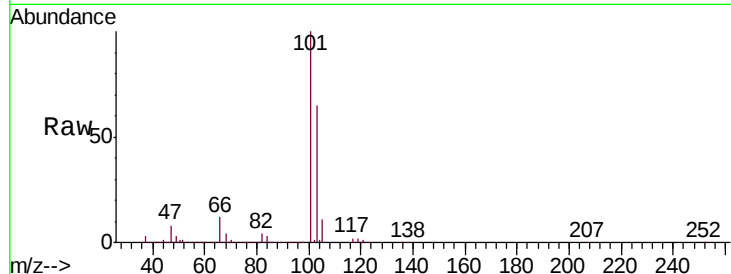


#7

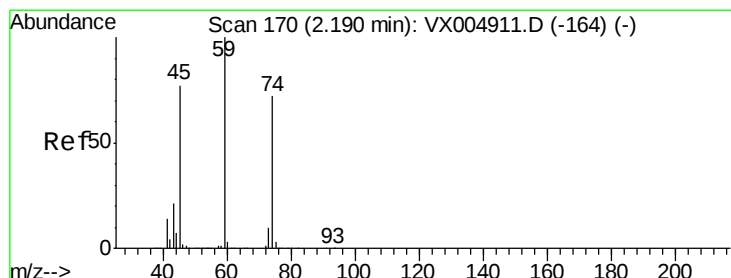
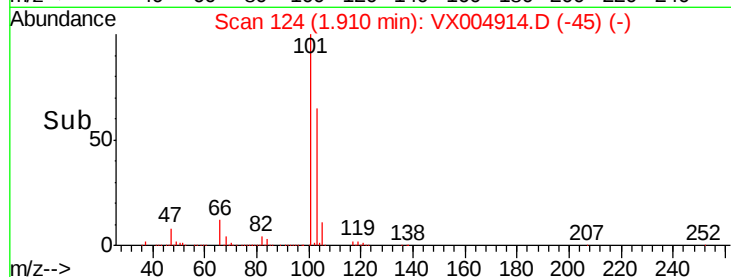
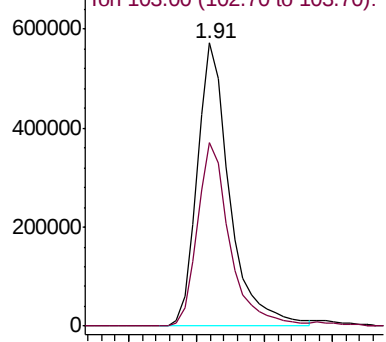
Trichlorofluoromethane
Concen: 202.032 ug/l
RT: 1.91 min Scan# 124
Delta R.T. -0.02 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

Tgt Ion:101 Resp: 947653
Ion Ratio Lower Upper
101 100
103 65.0 51.1 76.7



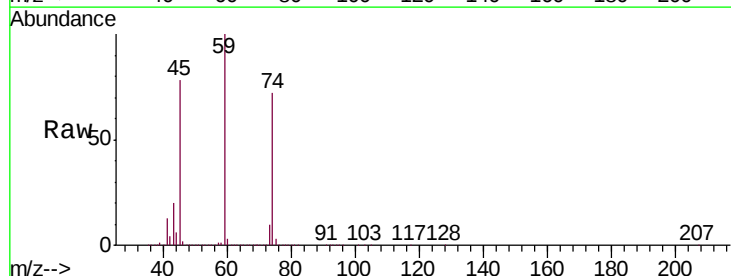
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



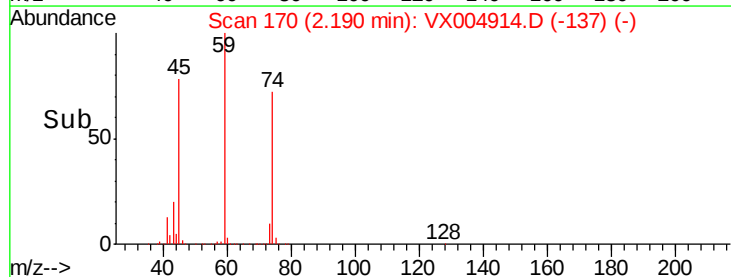
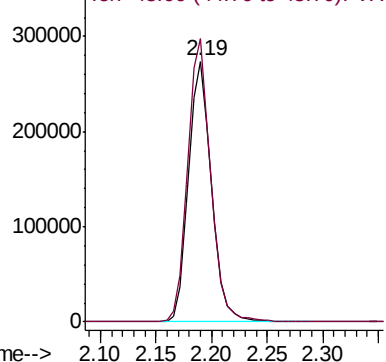
#8

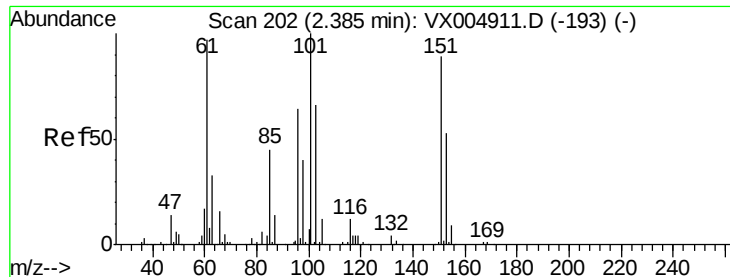
Diethyl Ether
Concen: 204.282 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion: 74 Resp: 390620
Ion Ratio Lower Upper
74 100
45 109.1 21.6 194.8



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 199.411 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.02 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC200

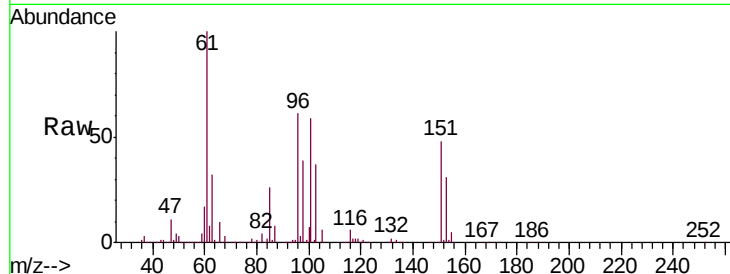
Tgt Ion:101 Resp: 537168

Ion Ratio Lower Upper

101 100

85 43.6 0.0 88.0

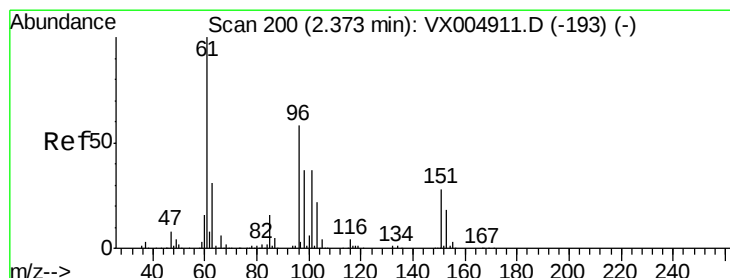
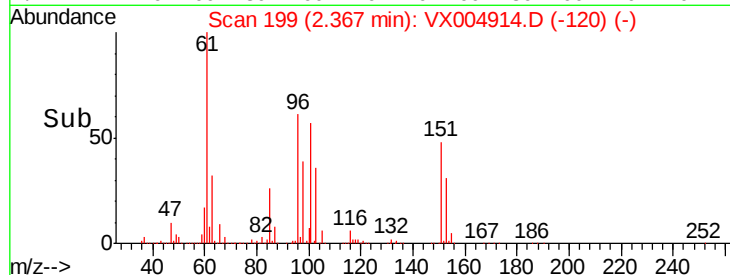
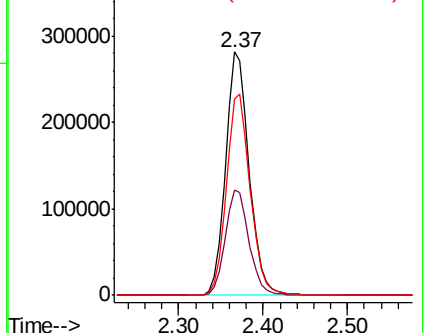
151 83.5 0.0 164.8



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: 204.892 ug/l

RT: 2.36 min Scan# 198

Delta R.T. -0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

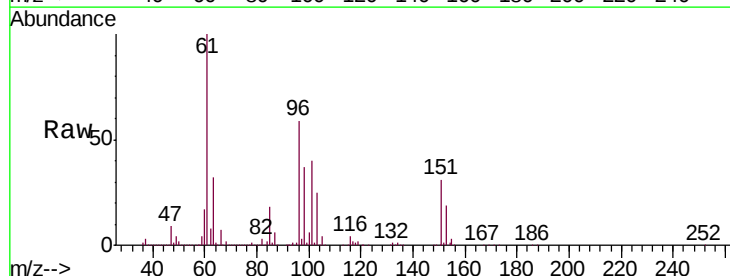
Tgt Ion: 96 Resp: 522784

Ion Ratio Lower Upper

96 100

61 170.2 137.9 206.9

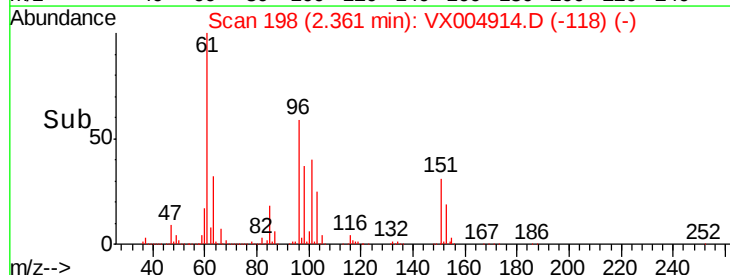
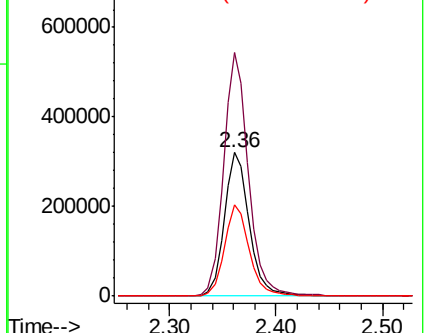
98 63.6 51.0 76.4

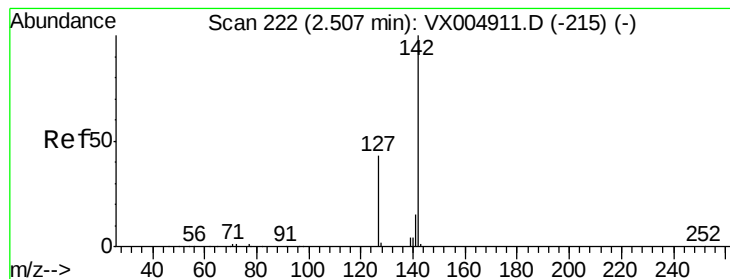


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methyl Iodide

Concen: 297.835 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC200

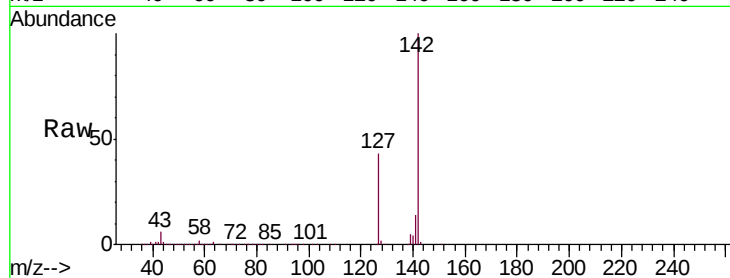
Tgt Ion:142 Resp: 618728

Ion Ratio Lower Upper

142 100

127 42.6 21.6 64.8

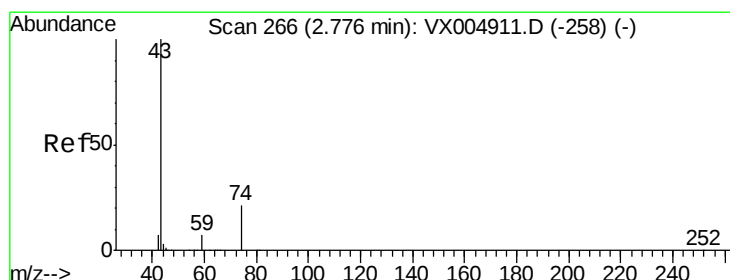
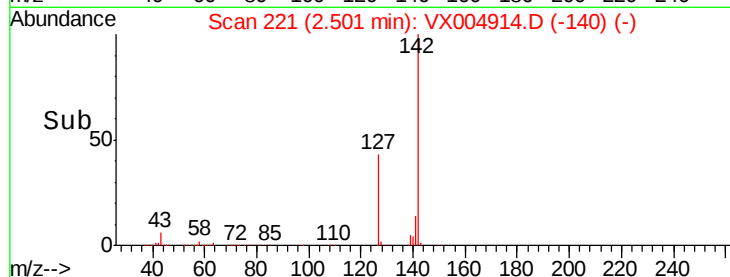
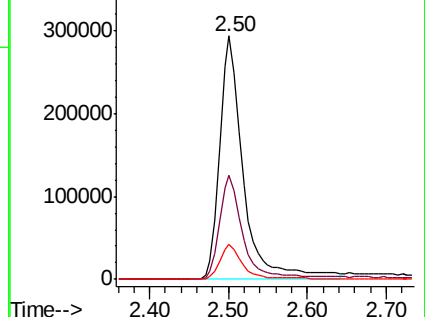
141 14.4 7.5 22.6



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: 199.279 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX004914.D

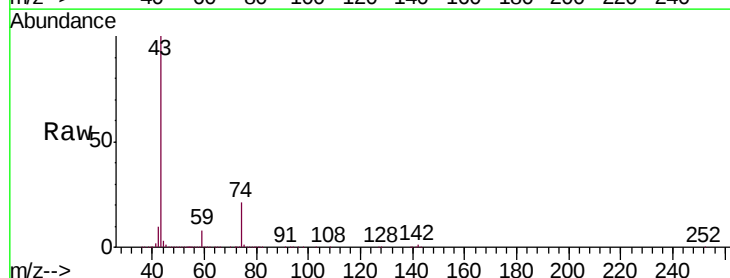
Acq: 02 Oct 2018 11:51

Tgt Ion: 43 Resp: 1025297

Ion Ratio Lower Upper

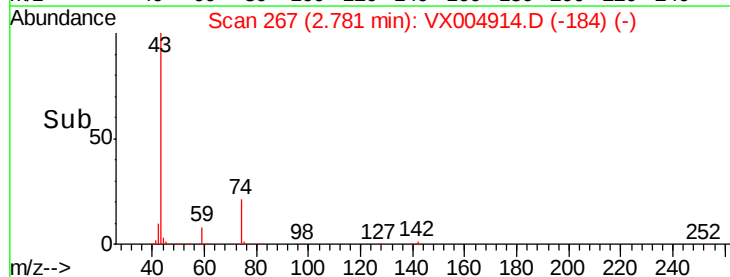
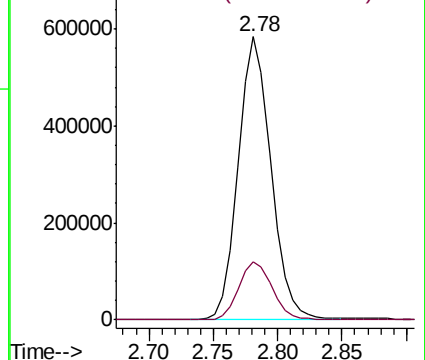
43 100

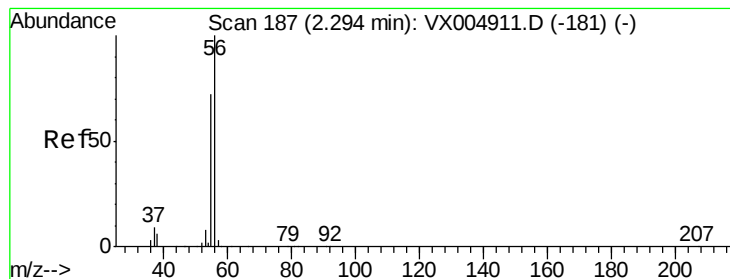
74 20.7 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 1002.438 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

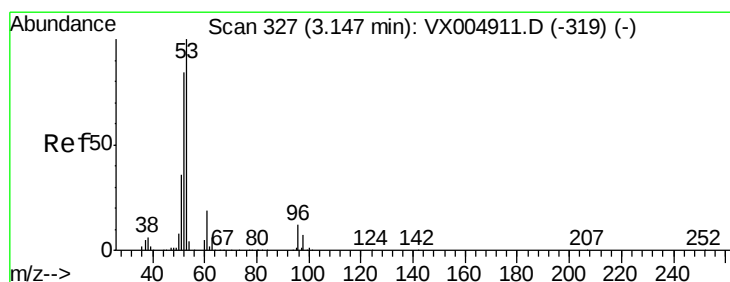
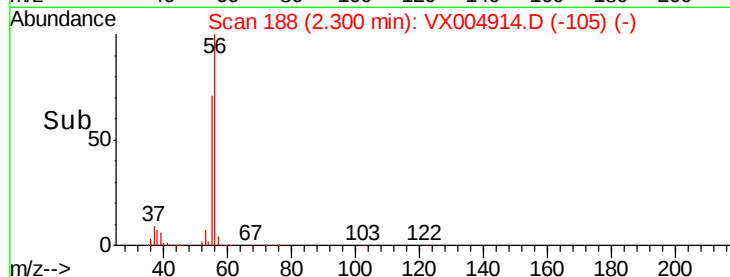
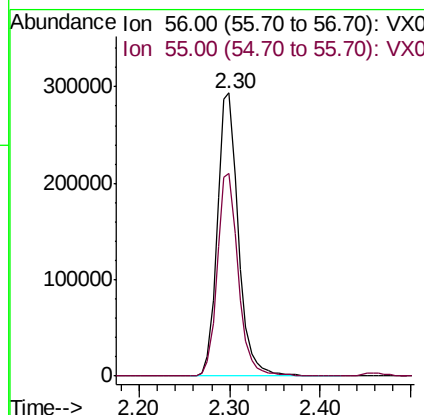
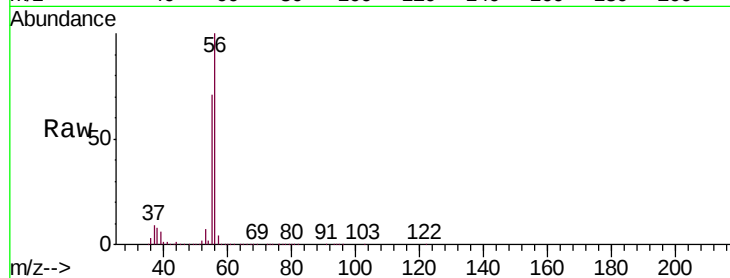
VSTDIC200

Tgt Ion: 56 Resp: 476523

Ion Ratio Lower Upper

56 100

55 71.5 57.9 86.9



#14

Acrylonitrile

Concen: 993.774 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

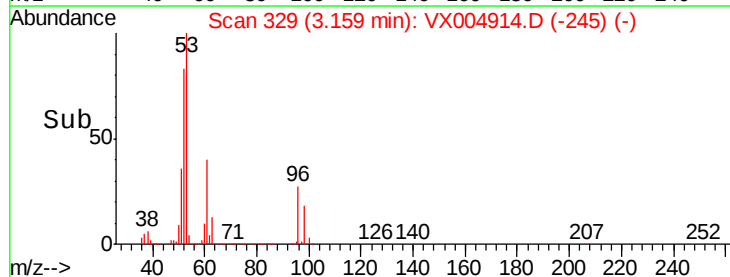
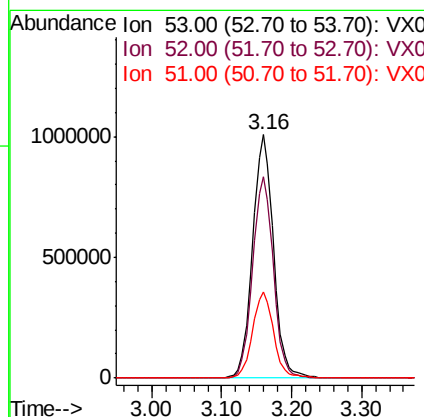
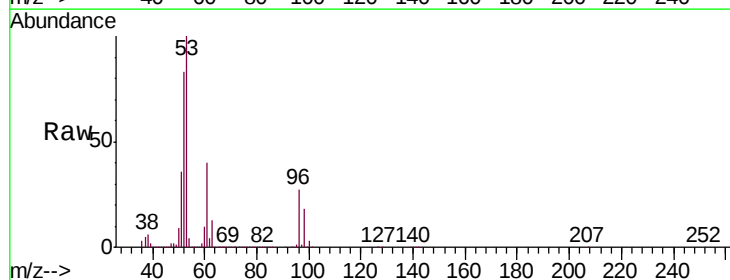
Tgt Ion: 53 Resp: 2089447

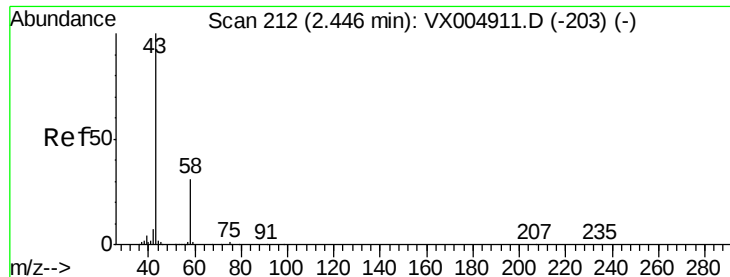
Ion Ratio Lower Upper

53 100

52 82.4 41.5 124.6

51 36.0 18.0 54.0





#15

Acetone

Concen: 849.946 ug/l

RT: 2.46 min Scan# 214

Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

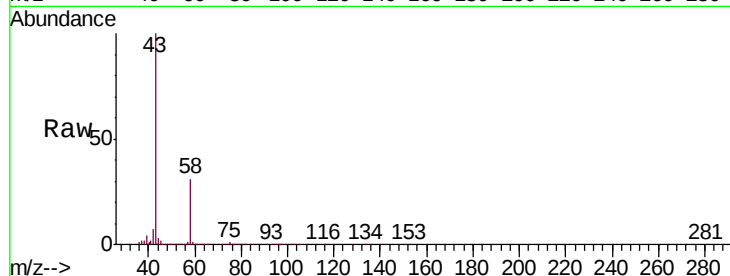
VSTDIC200

Tgt Ion: 58 Resp: 597364

Ion Ratio Lower Upper

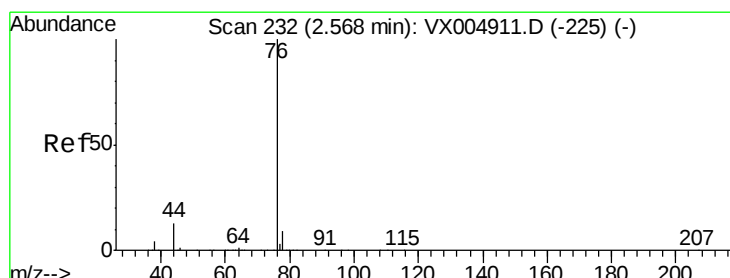
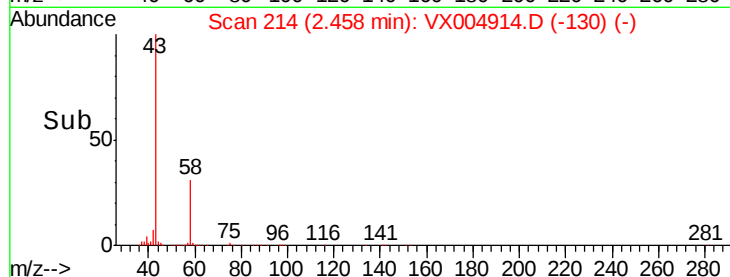
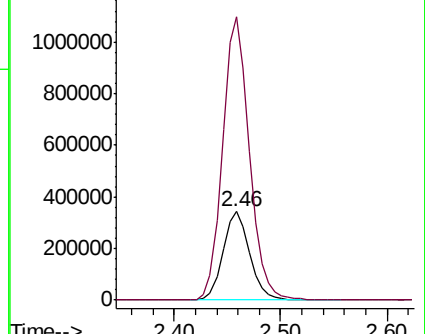
58 100

43 321.0 258.6 388.0



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 211.563 ug/l

RT: 2.56 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX004914.D

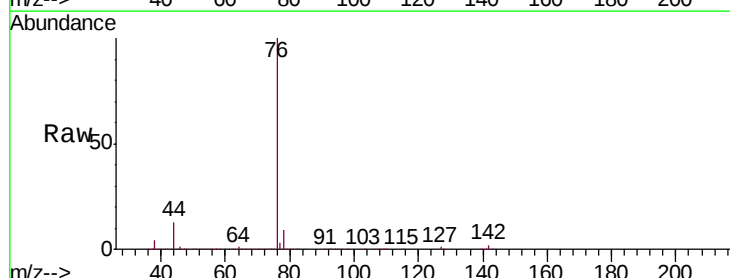
Acq: 02 Oct 2018 11:51

Tgt Ion: 76 Resp: 1583235

Ion Ratio Lower Upper

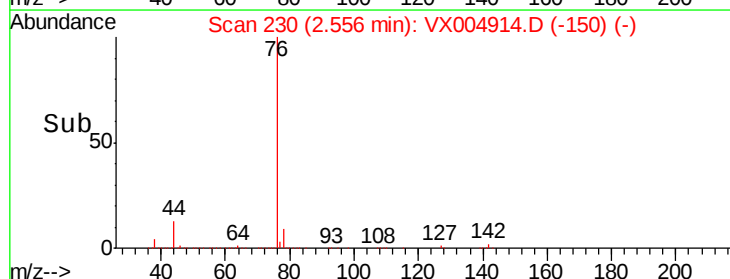
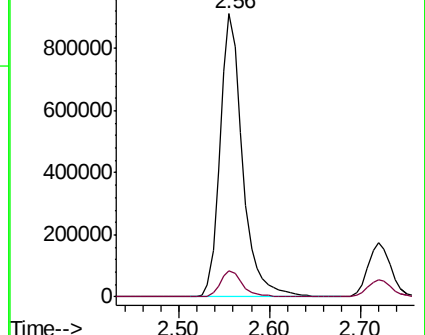
76 100

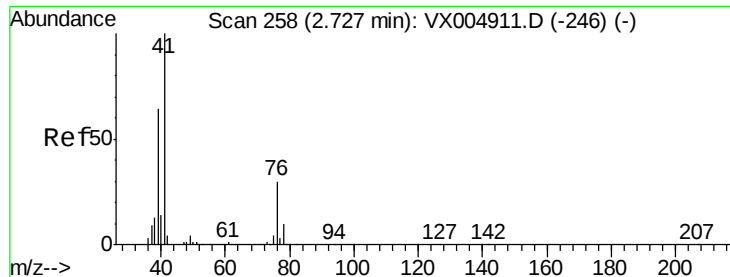
78 9.0 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allyl chloride

Concen: 193.051 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC200

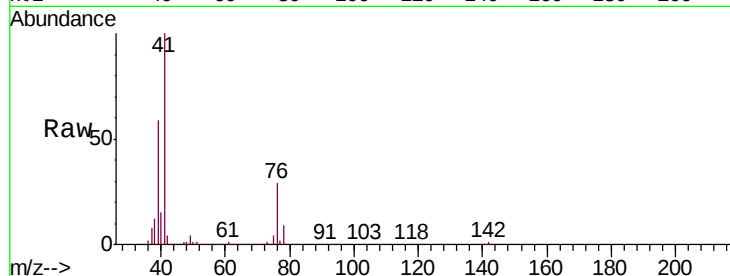
Tgt Ion: 41 Resp: 1095325

Ion Ratio Lower Upper

41 100

39 59.0 31.8 95.4

76 29.0 15.3 45.8

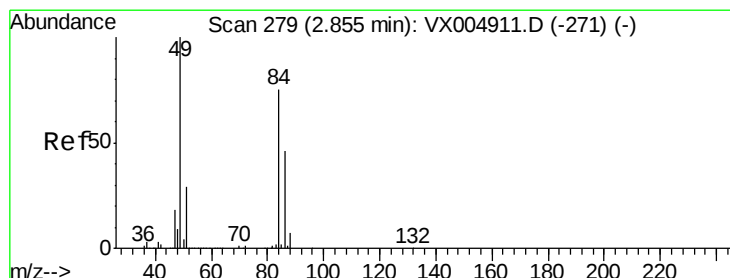
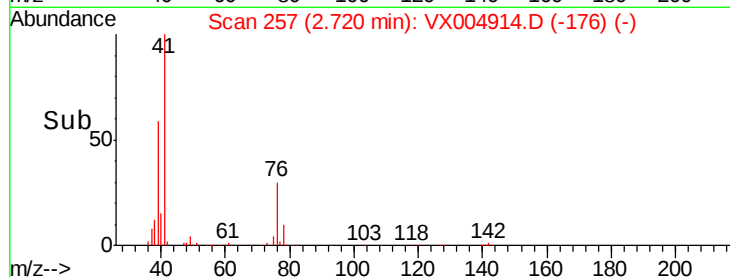
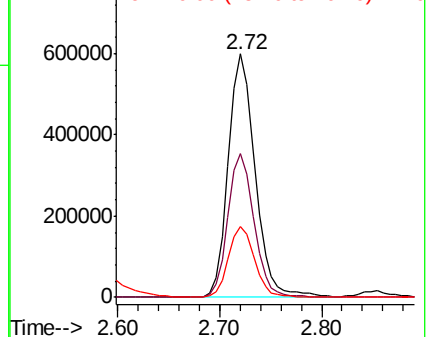


Abundance

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: 197.260 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Tgt Ion: 84 Resp: 585314

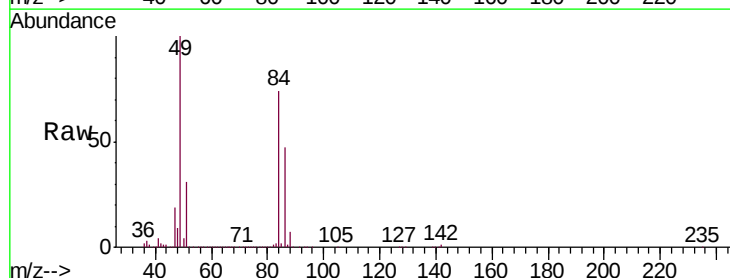
Ion Ratio Lower Upper

84 100

49 135.5 106.2 159.4

51 41.7 31.3 46.9

86 63.7 48.9 73.3



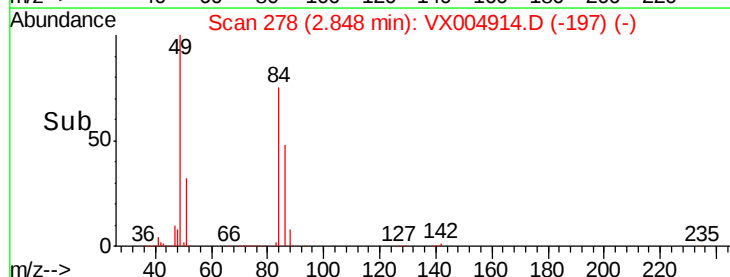
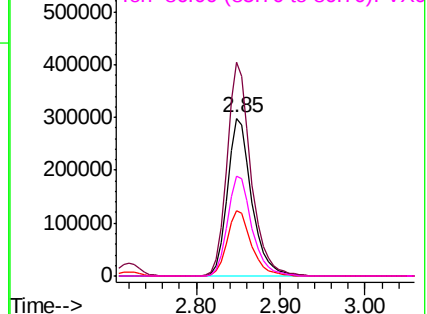
Abundance

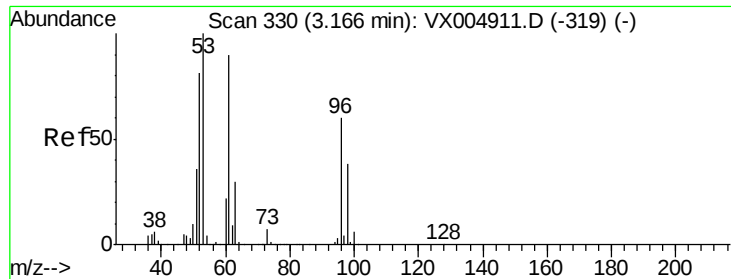
Ion 84.00 (83.70 to 84.70): VX0

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

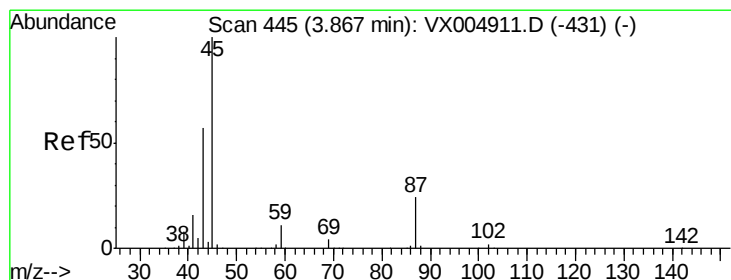
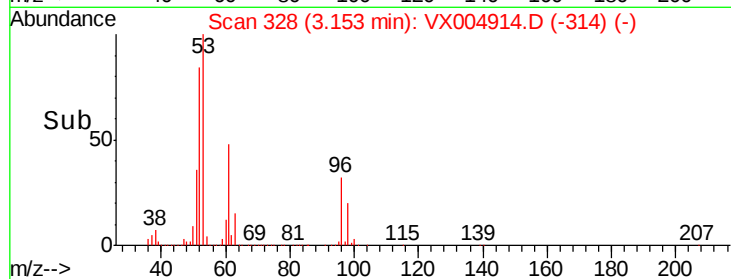
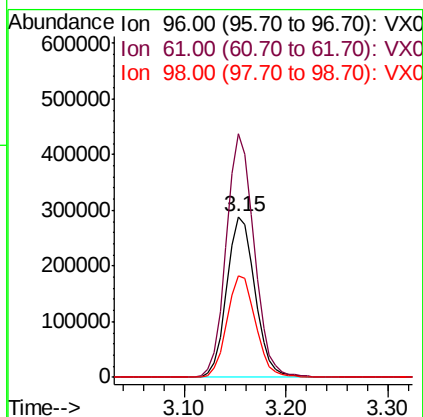
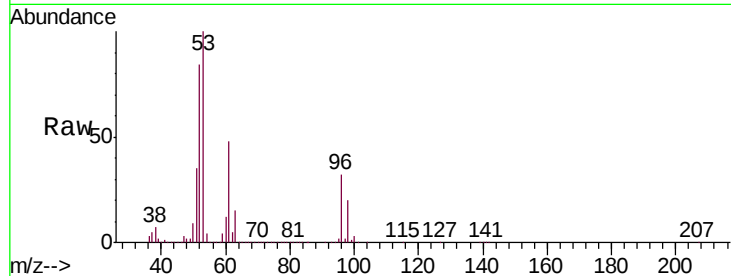




#19
trans-1,2-Dichloroethene
Concen: 203.038 ug/l
RT: 3.15 min Scan# 328
Delta R.T. -0.01 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

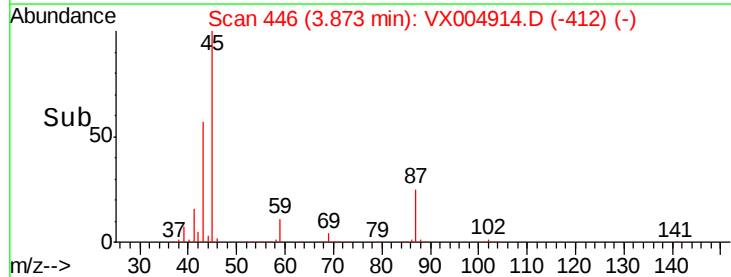
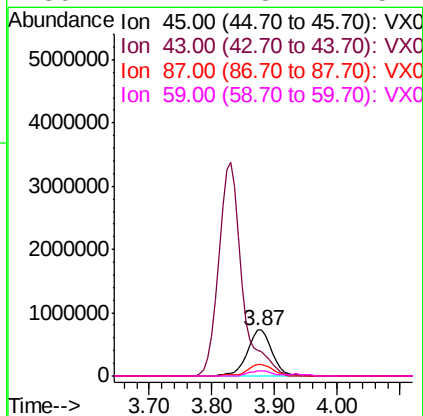
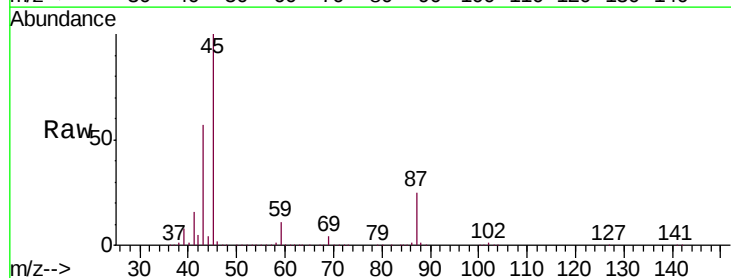
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

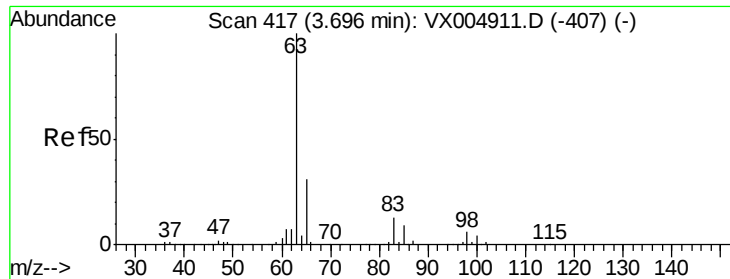
Tgt Ion: 96 Resp: 553474
Ion Ratio Lower Upper
96 100
61 151.3 119.5 179.3
98 62.9 50.6 75.8



#20
Diisopropyl ether
Concen: 203.425 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.01 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion: 45 Resp: 1967897
Ion Ratio Lower Upper
45 100
43 57.4 49.8 74.8
87 25.1 19.1 28.7
59 11.1 8.7 13.1





#21

1,1-Dichloroethane

Concen: 196.728 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC200

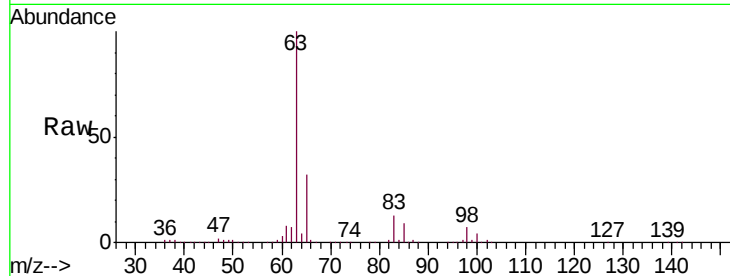
Tgt Ion: 63 Resp: 1048567

Ion Ratio Lower Upper

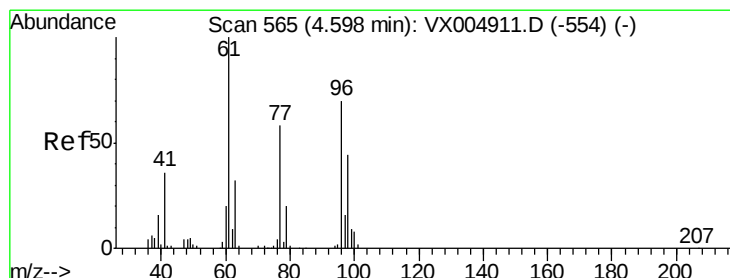
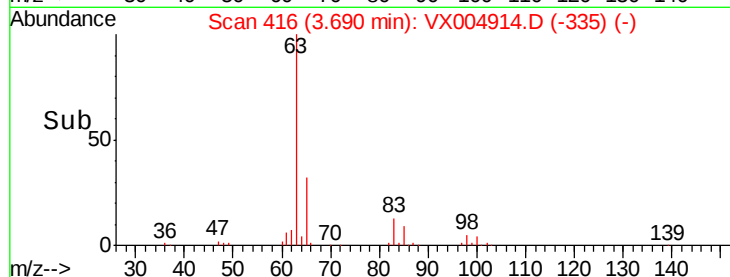
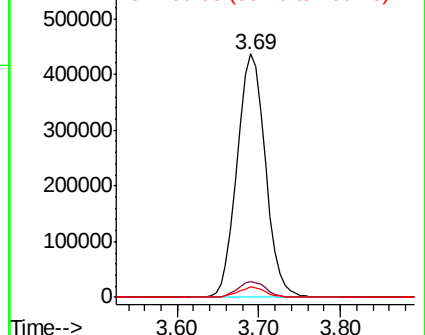
63 100

98 6.6 3.2 9.6

100 4.2 2.1 6.5



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 204.884 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

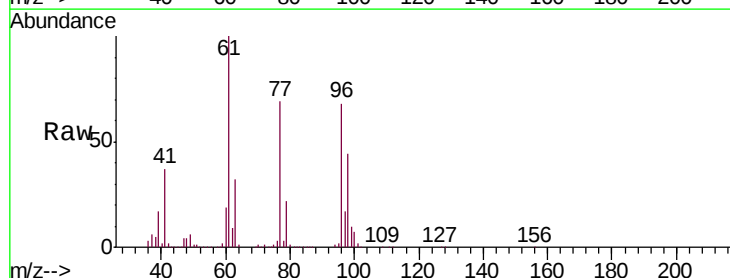
Tgt Ion: 96 Resp: 617905

Ion Ratio Lower Upper

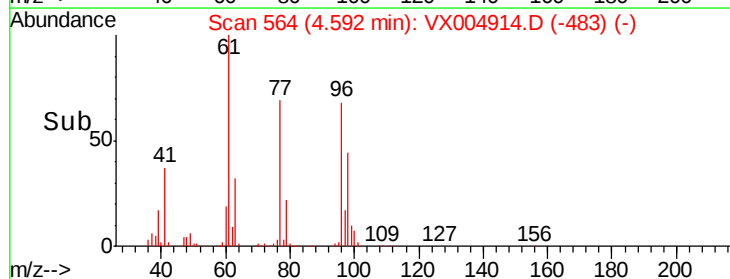
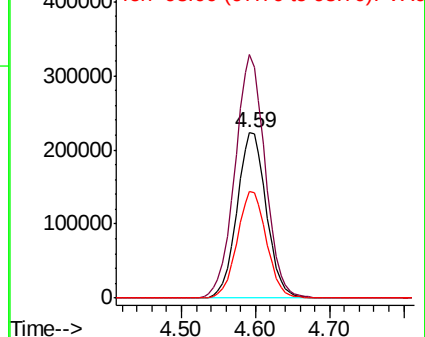
96 100

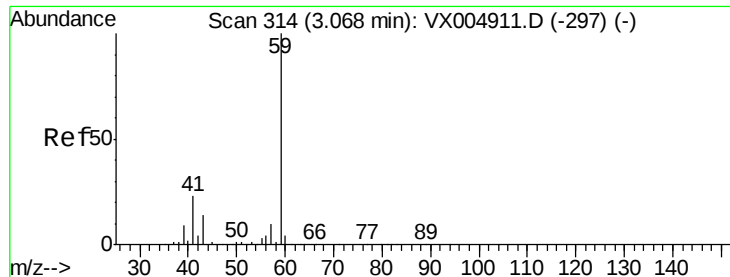
61 151.0 123.3 184.9

98 64.5 51.4 77.0



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

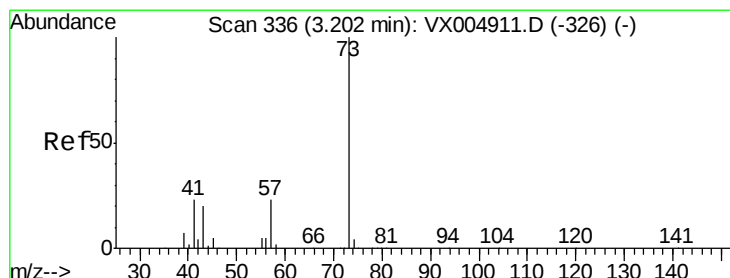
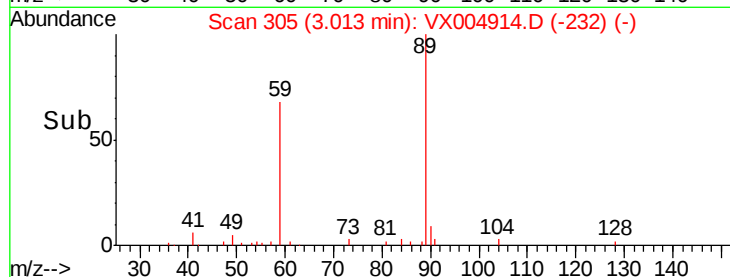
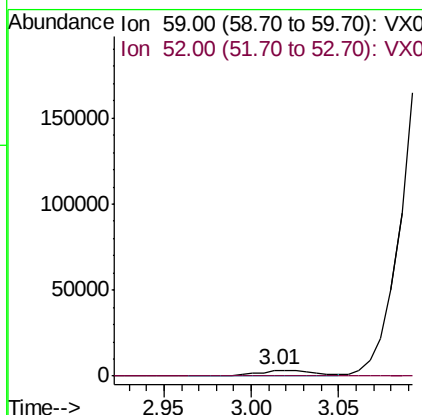
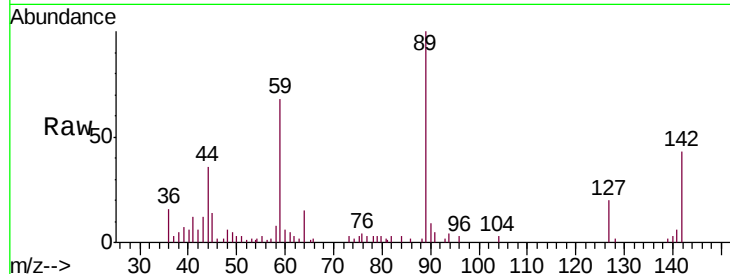




#23
 tert-Butyl Alcohol
 Concen: 7.888 ug/l
 RT: 3.01 min Scan# 305
 Delta R.T. -0.06 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

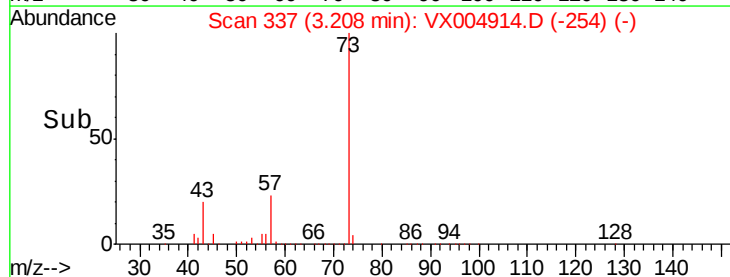
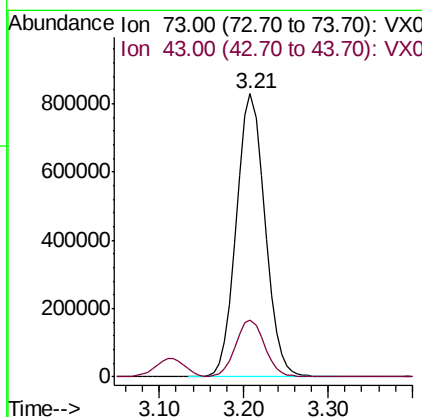
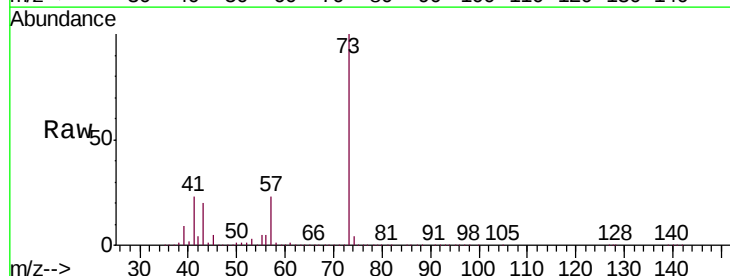
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC200

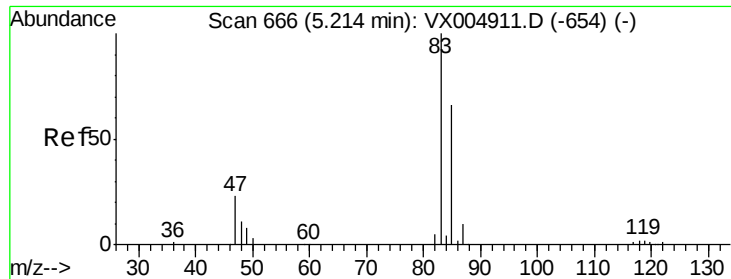
Tgt Ion: 59 Resp: 7657
 Ion Ratio Lower Upper
 59 100
 52 0.8 0.1 0.1#



#24
 Methyl tert-Butyl Ether
 Concen: 202.781 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Tgt Ion: 73 Resp: 1901374
 Ion Ratio Lower Upper
 73 100
 43 20.2 16.3 24.5





#25

Chloroform

Concen: 201.363 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

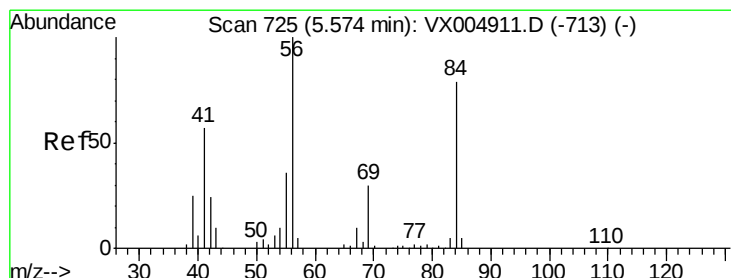
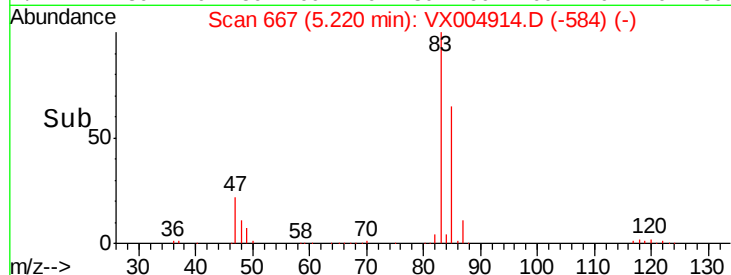
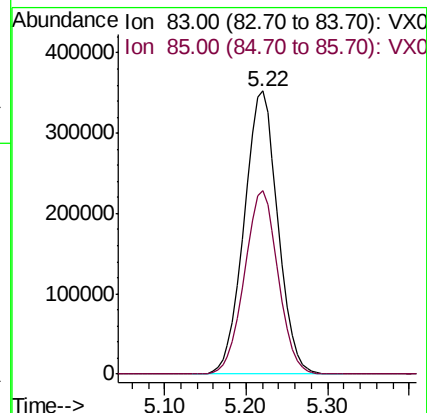
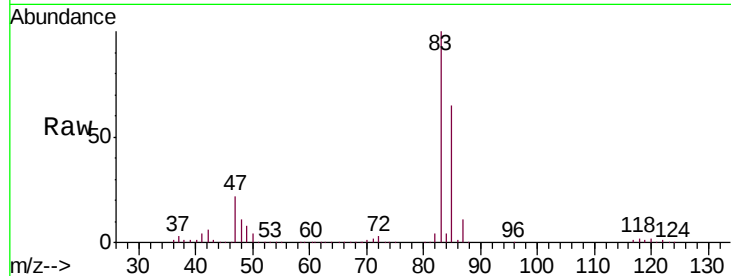
VSTDIC200

Tgt Ion: 83 Resp: 1010110

Ion Ratio Lower Upper

83 100

85 64.8 53.1 79.7



#26

Cyclohexane

Concen: 210.618 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

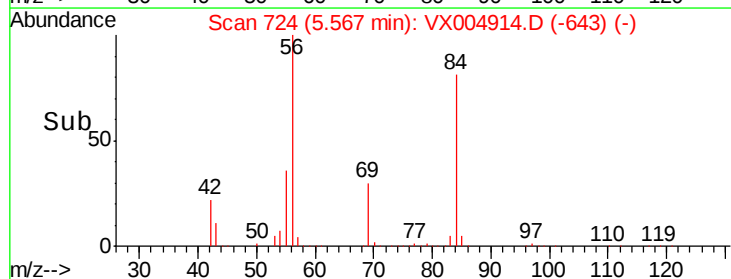
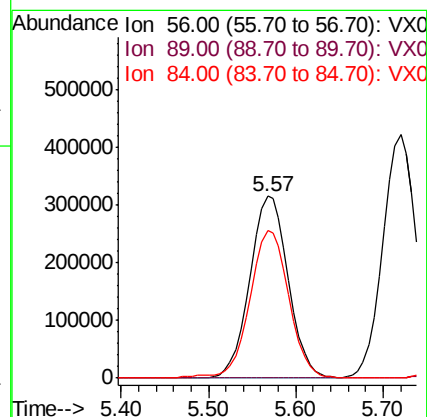
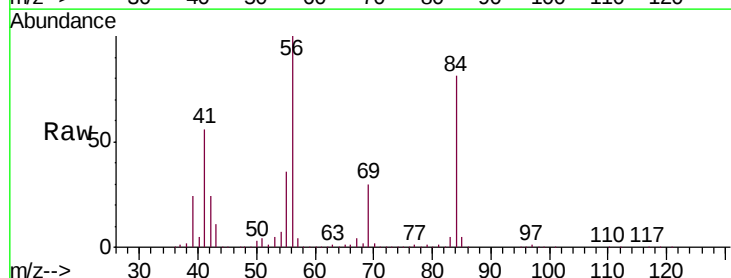
Tgt Ion: 56 Resp: 963416

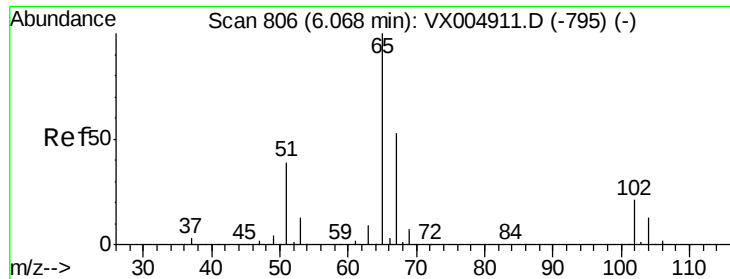
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 81.7 65.8 98.6

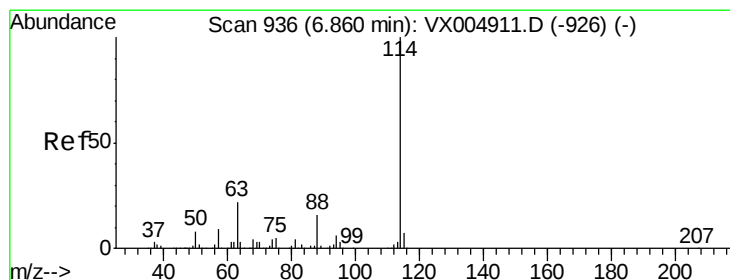
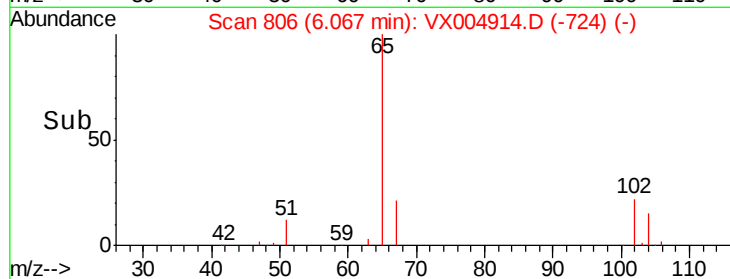
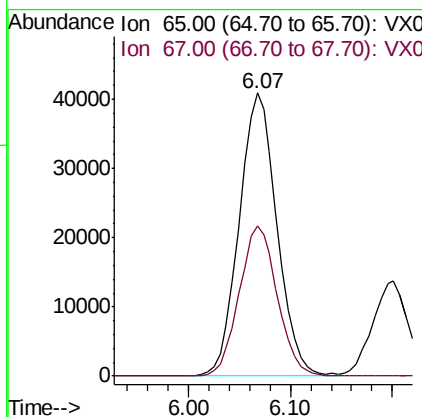
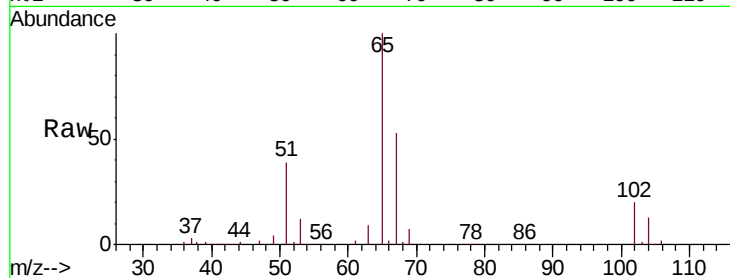




#27
 1,2-Dichloroethane-d4
 Concen: 31.052 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

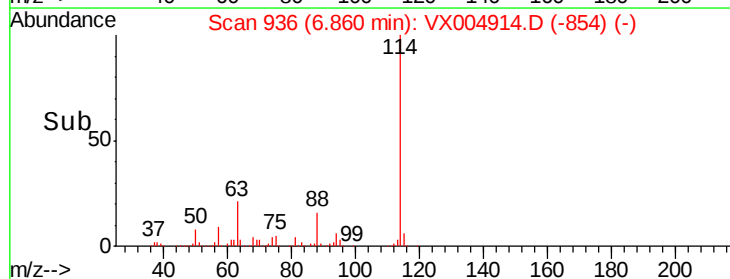
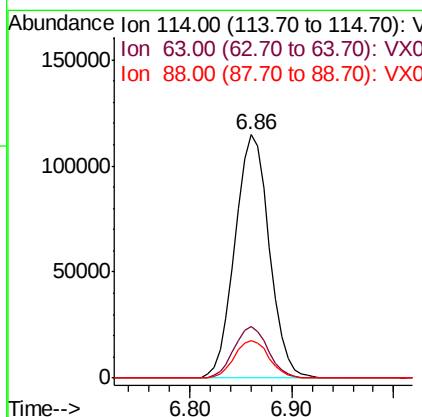
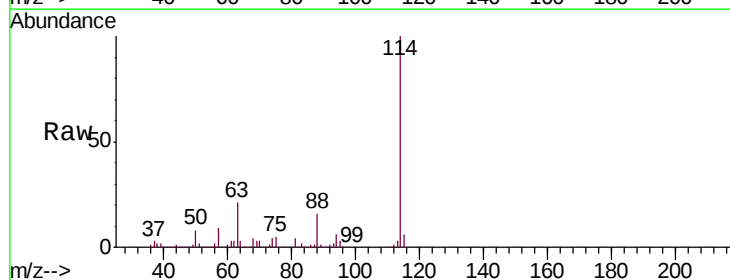
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC200

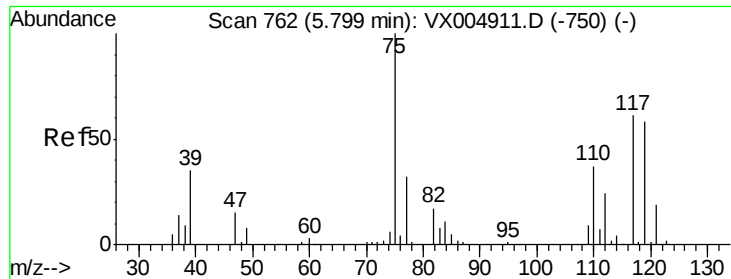
Tgt Ion: 65 Resp: 105214
 Ion Ratio Lower Upper
 65 100
 67 53.5 43.0 64.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Tgt Ion: 114 Resp: 268203
 Ion Ratio Lower Upper
 114 100
 63 21.0 16.6 24.8
 88 15.7 12.4 18.6

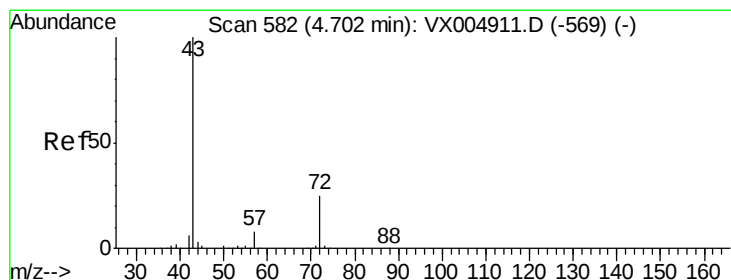
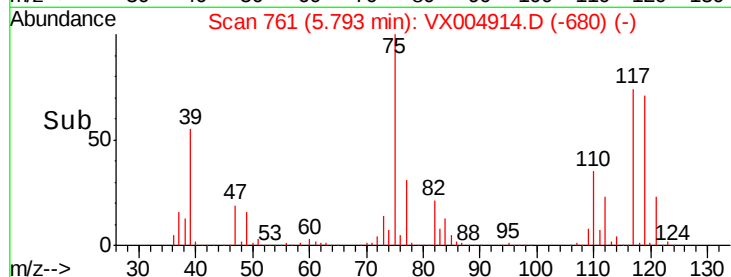
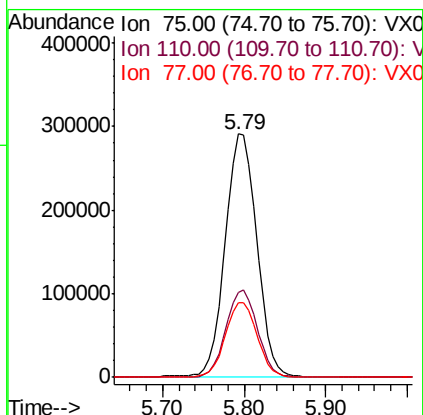
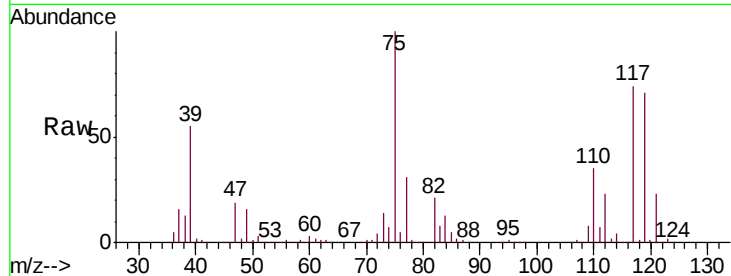




#29
 1,1-Dichloropropene
 Concen: 196.520 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

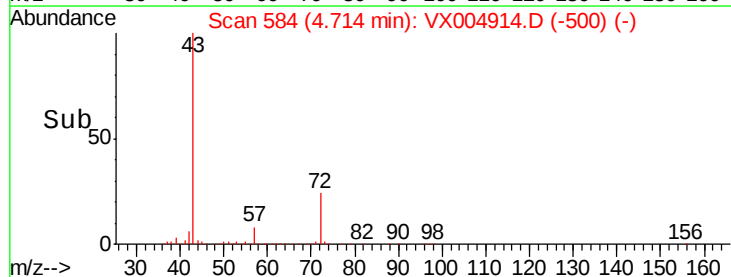
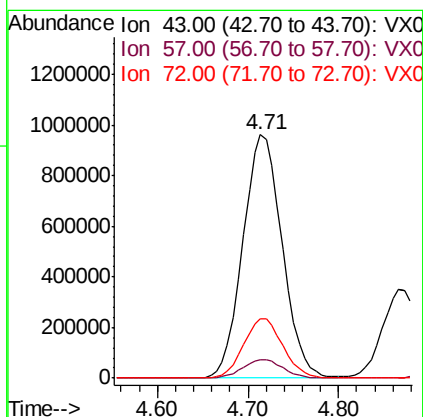
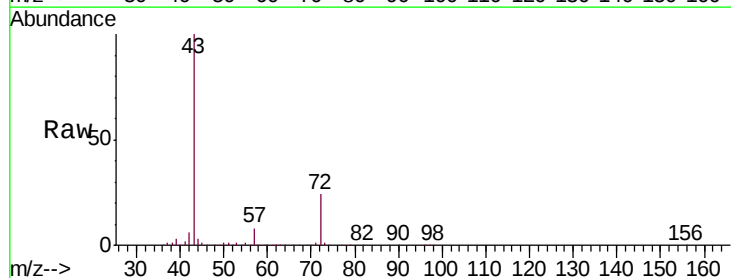
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC200

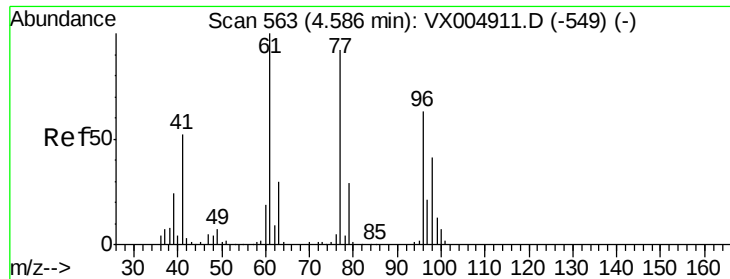
Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	0.0	70.8
77	30.8	0.0	63.0



#30
 2-Butanone
 Concen: 892.631 ug/l
 RT: 4.71 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.2	9.4
72	24.4	19.7	29.5





#31

2,2-Dichloropropane

Concen: 193.404 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

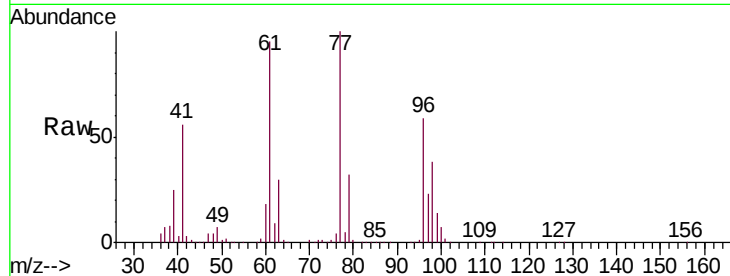
VSTDIC200

Tgt Ion: 77 Resp: 842166

Ion Ratio Lower Upper

77 100

97 23.3 18.5 27.7



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0

300000

250000

200000

150000

100000

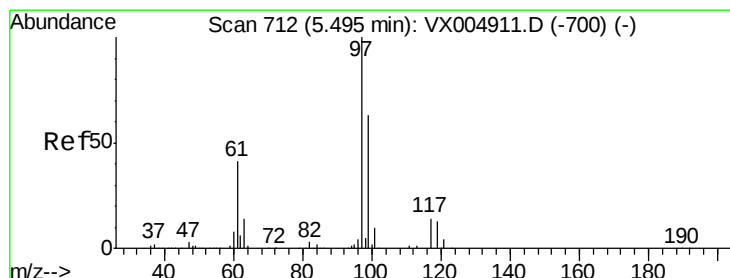
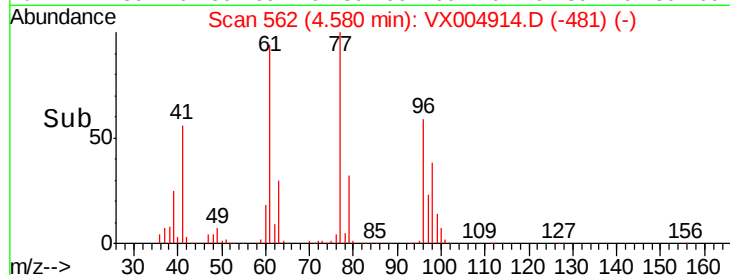
50000

0

4.58

4.40 4.50 4.60 4.70

Time-->



#32

1,1,1-Trichloroethane

Concen: 195.480 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

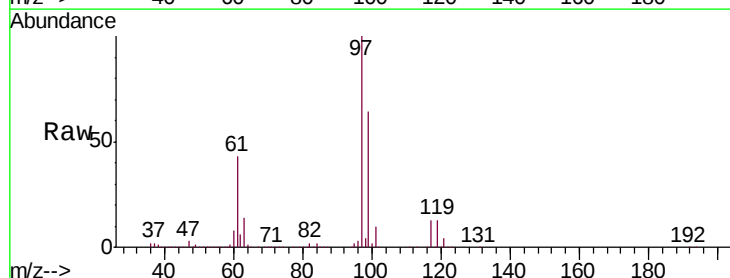
Tgt Ion: 97 Resp: 891827

Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.6

61 43.0 35.8 53.6



Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

200000

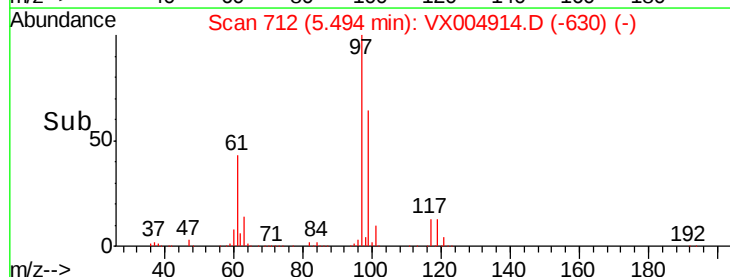
100000

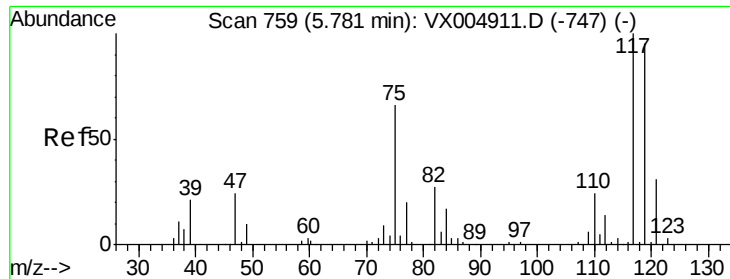
0

5.49

5.30 5.40 5.50 5.60

Time-->

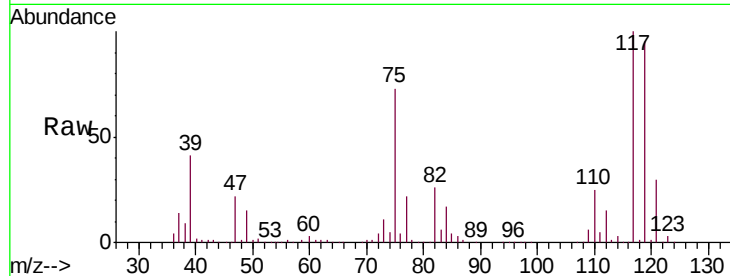




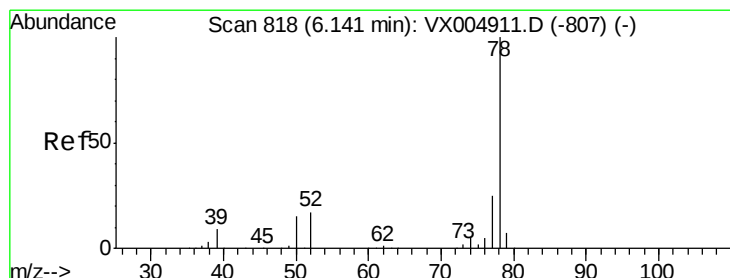
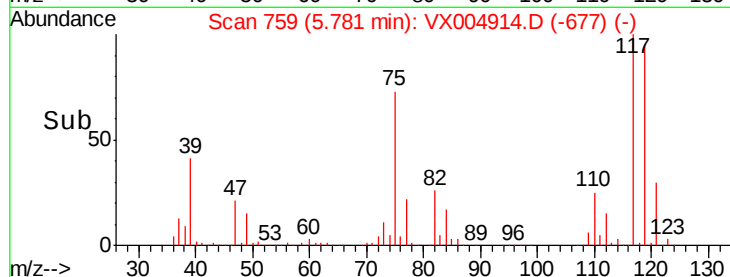
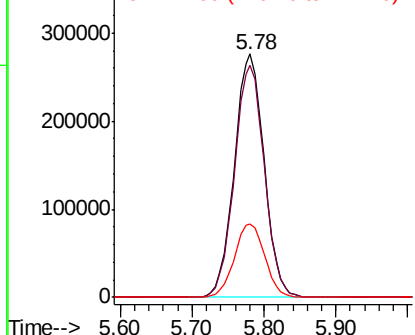
#33
Carbon Tetrachloride
Concen: 197.759 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

Tgt Ion: 117 Resp: 792375
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.4
121 30.3 25.2 37.8

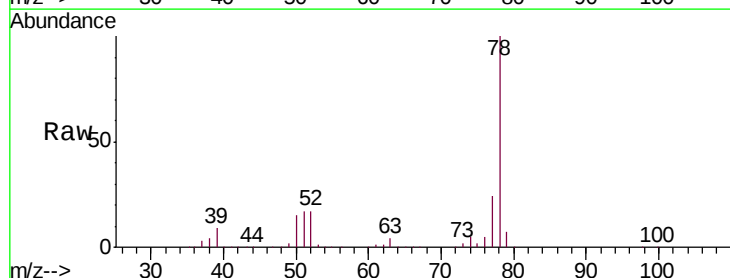


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

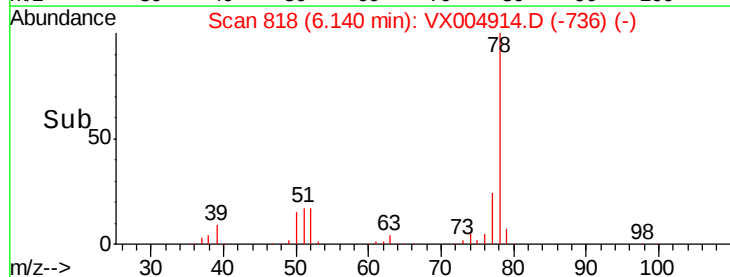
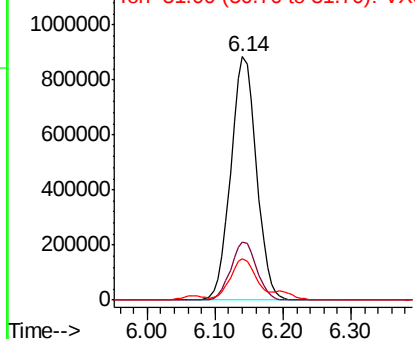


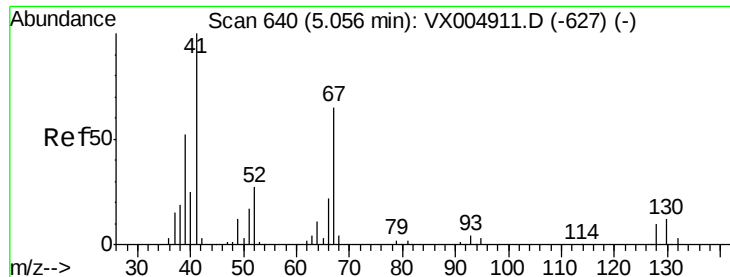
#34
Benzene
Concen: 191.873 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion: 78 Resp: 2310852
Ion Ratio Lower Upper
78 100
77 23.8 19.8 29.8
51 17.1 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: 190.911 ug/l

RT: 5.07 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC200

Tgt Ion: 41 Resp: 572483

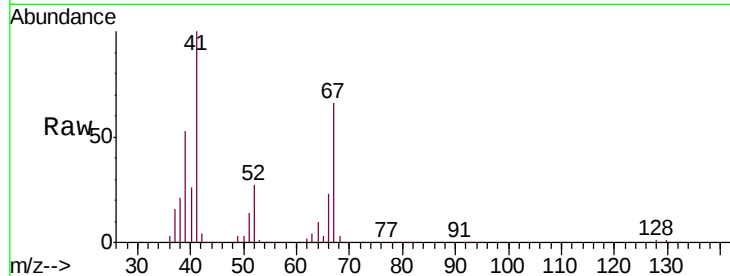
Ion Ratio Lower Upper

41 100

39 52.9 26.1 78.3

67 66.5 32.3 96.9

52 27.3 13.5 40.5

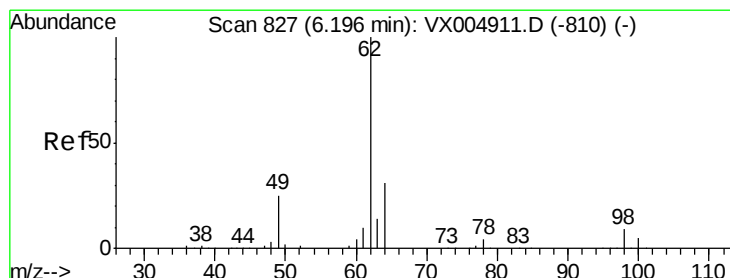
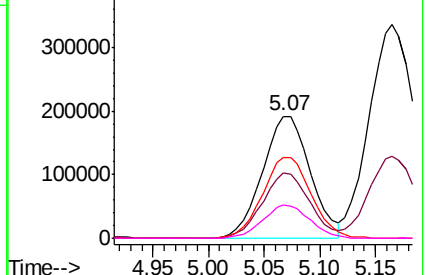
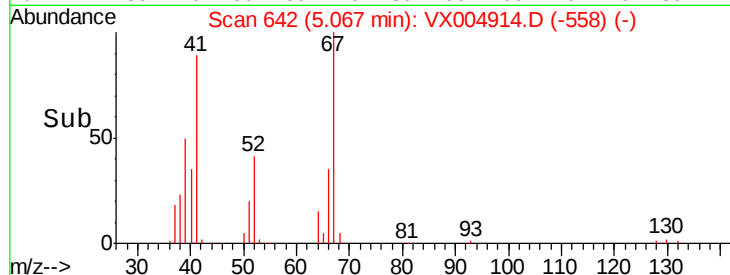


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 187.832 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX004914.D

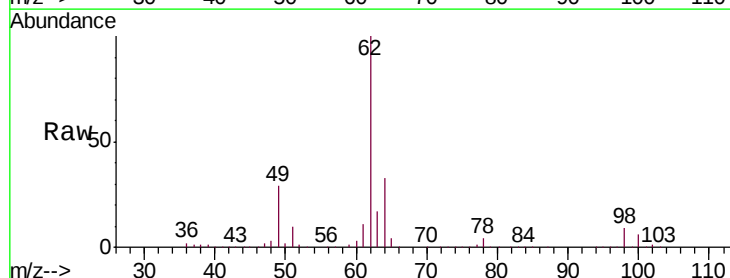
Acq: 02 Oct 2018 11:51

Tgt Ion: 62 Resp: 814952

Ion Ratio Lower Upper

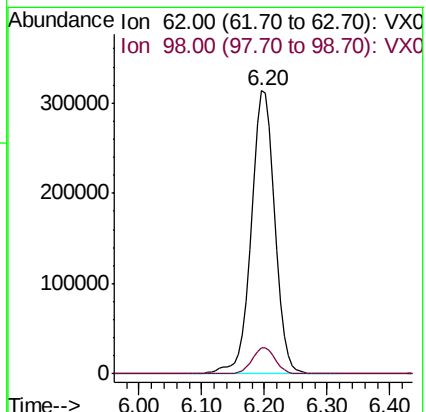
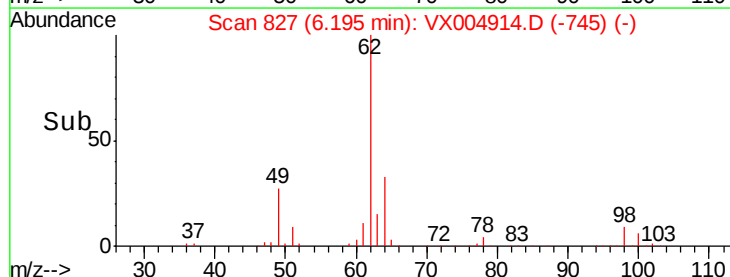
62 100

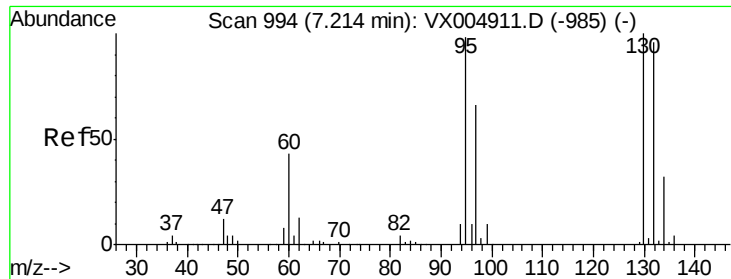
98 9.1 7.5 11.3



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

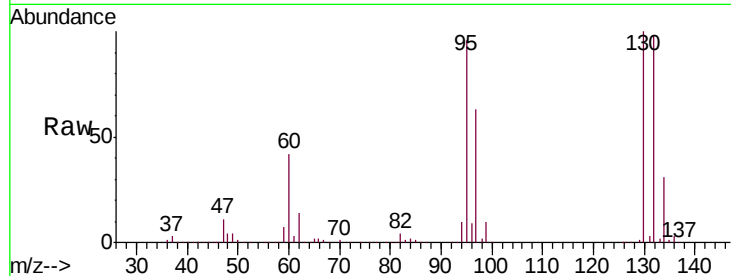




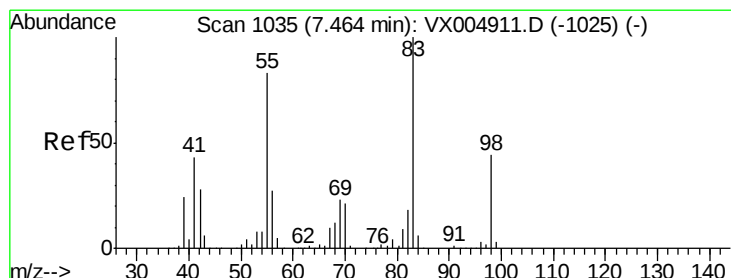
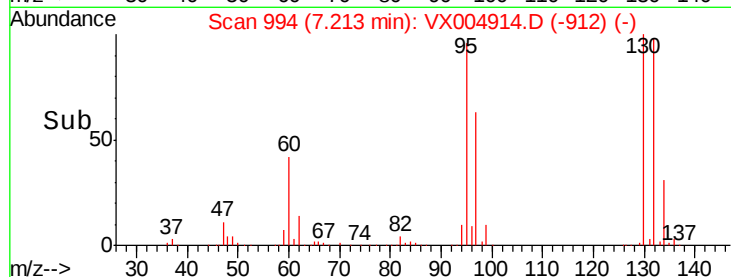
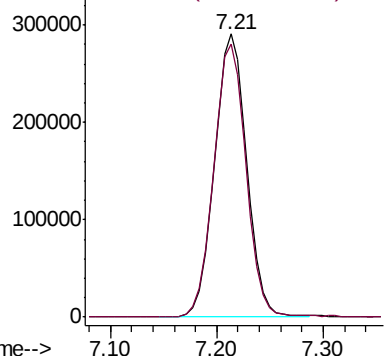
#37
 Trichloroethene
 Concen: 193.732 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC200

Tgt Ion:130 Resp: 614596
 Ion Ratio Lower Upper
 130 100
 95 96.3 78.5 117.7

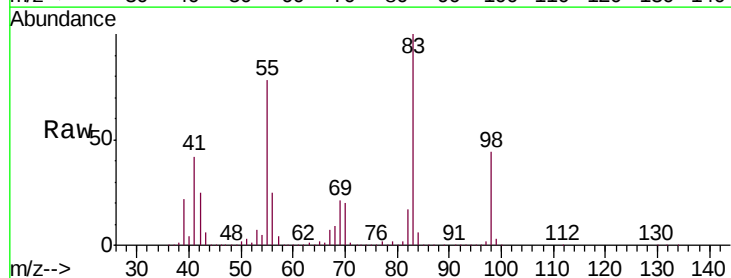


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

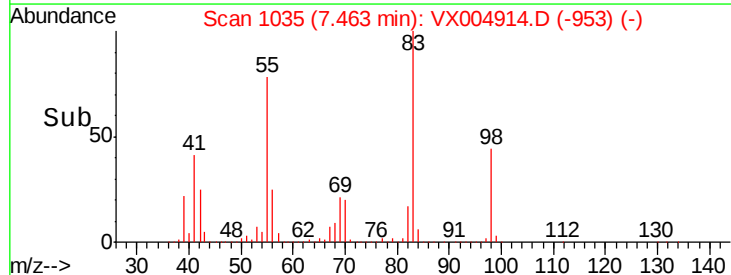
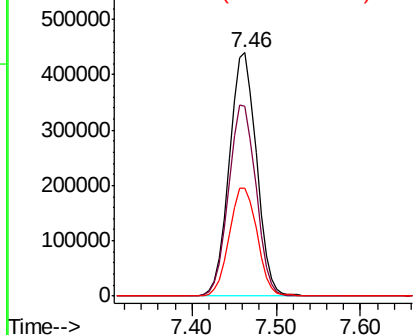


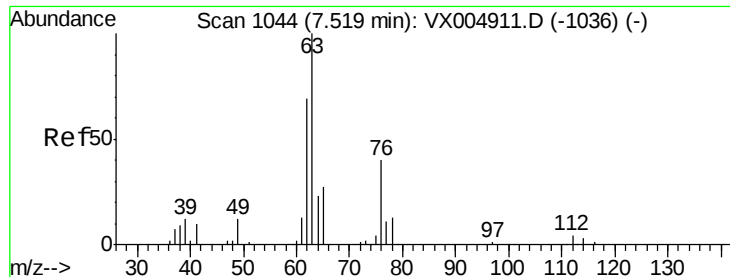
#38
 Methylcyclohexane
 Concen: 204.209 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Tgt Ion: 83 Resp: 962223
 Ion Ratio Lower Upper
 83 100
 55 79.4 41.8 125.3
 98 45.7 22.4 67.3



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

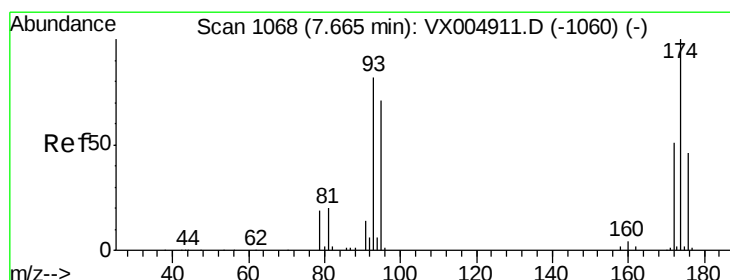
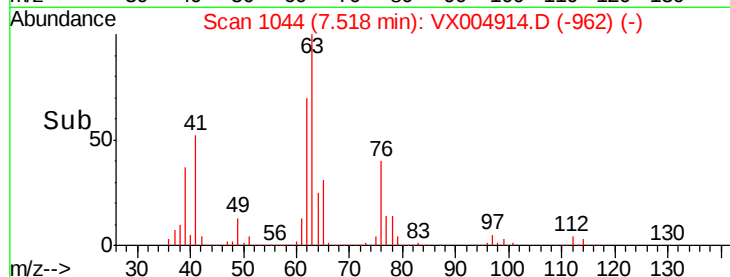
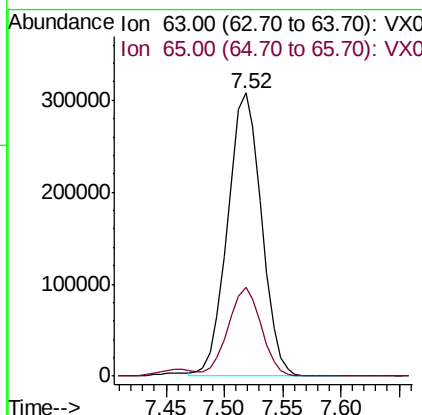
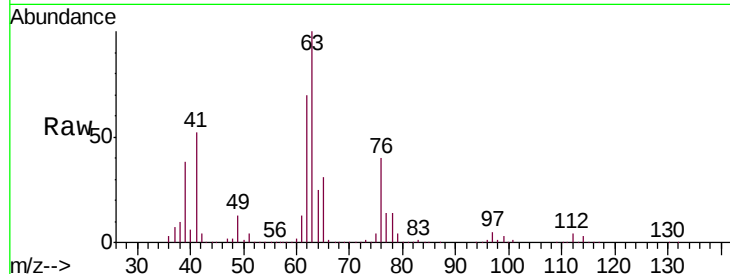




#39
 1,2-Dichloropropane
 Concen: 194.761 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

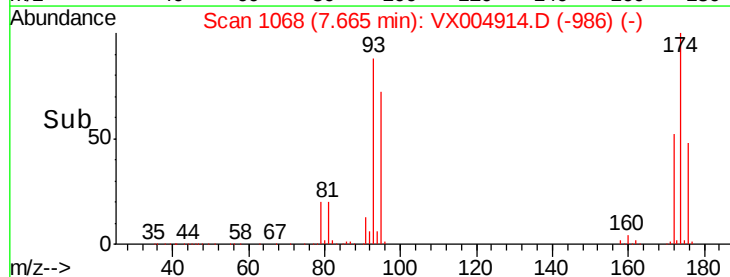
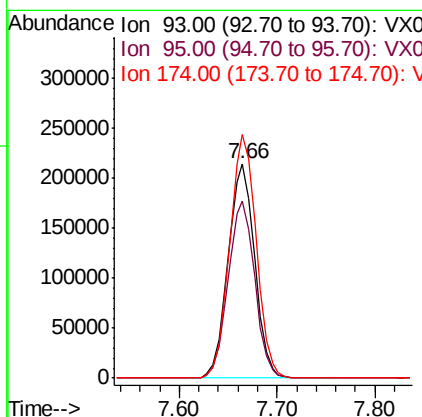
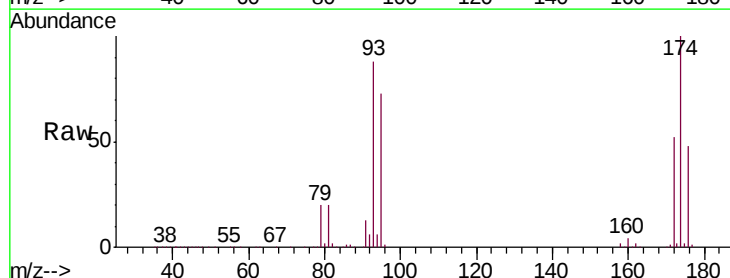
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC200

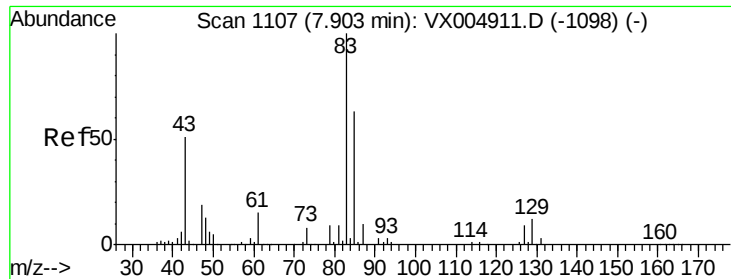
Tgt Ion: 63 Resp: 624980
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.2 34.8



#40
 Dibromomethane
 Concen: 193.797 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Tgt Ion: 93 Resp: 403070
 Ion Ratio Lower Upper
 93 100
 95 83.0 0.0 172.4
 174 113.7 0.0 234.0





#41

Bromodichloromethane

Concen: 200.328 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC200

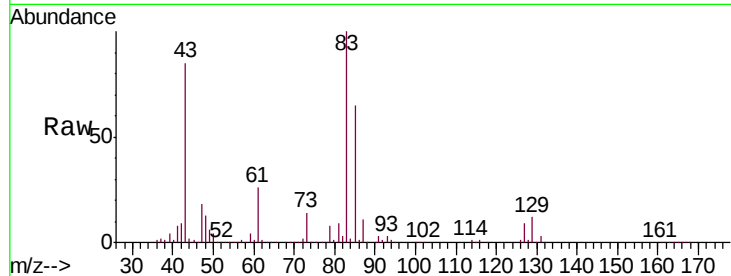
Tgt Ion: 83 Resp: 803231

Ion Ratio Lower Upper

83 100

85 64.9 50.2 75.4

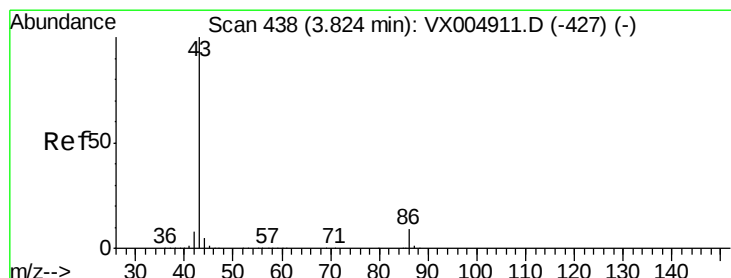
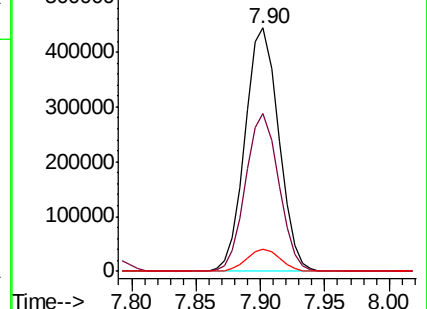
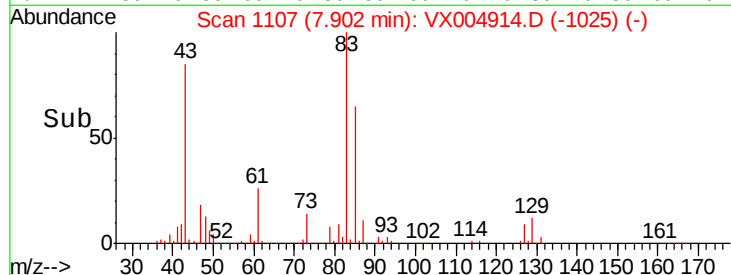
127 9.2 6.9 10.3



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: 935.665 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX004914.D

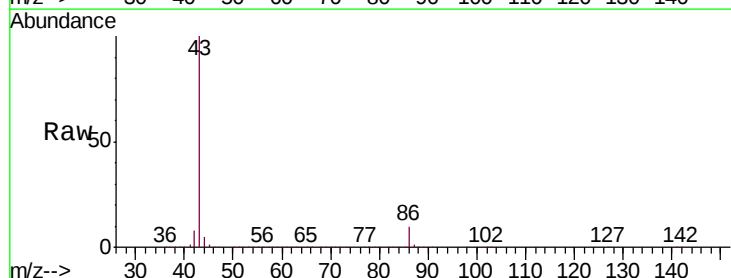
Acq: 02 Oct 2018 11:51

Tgt Ion: 43 Resp: 8734762

Ion Ratio Lower Upper

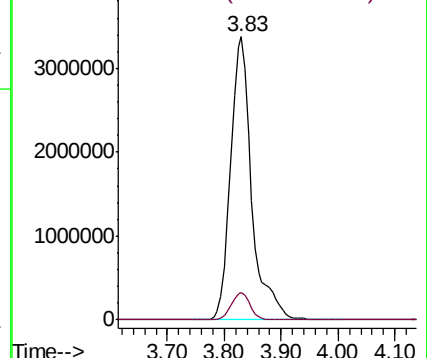
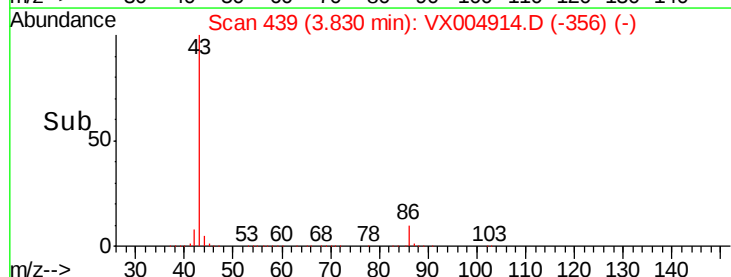
43 100

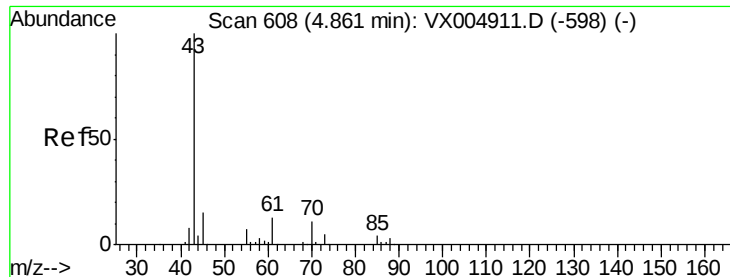
86 8.7 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

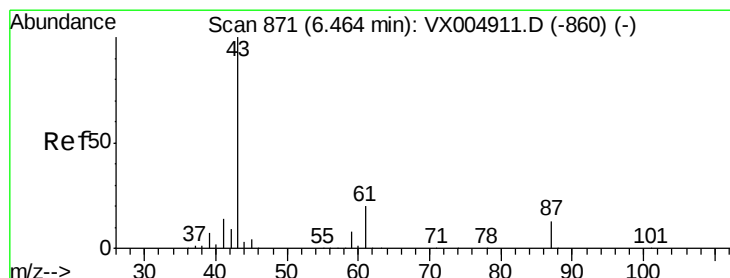
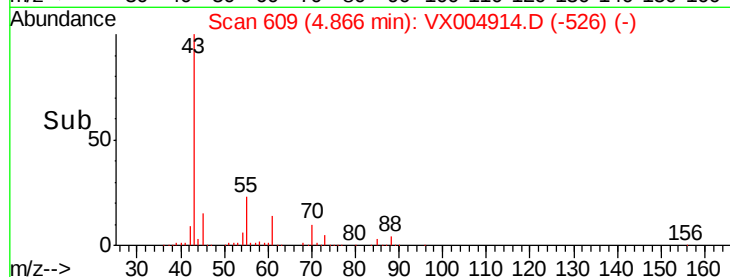
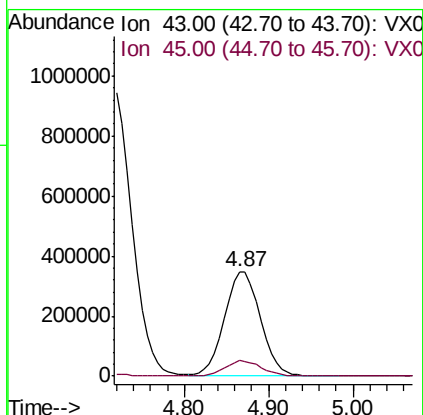
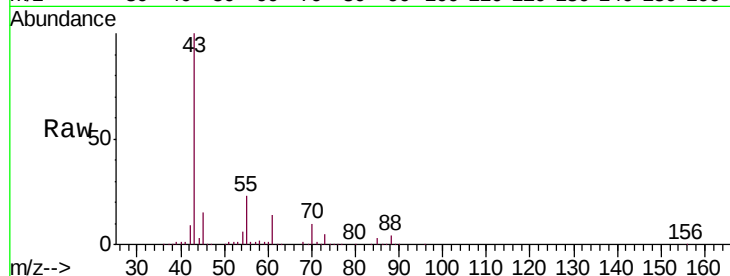




#43
Ethyl Acetate
Concen: 189.718 ug/l
RT: 4.87 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

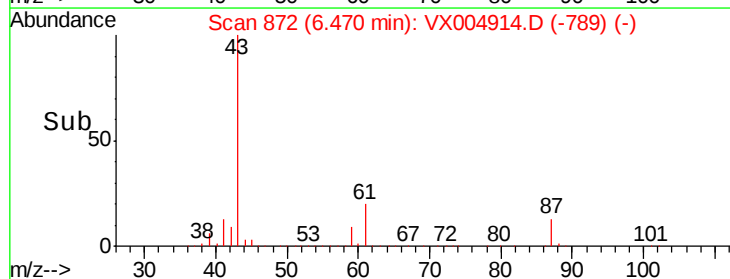
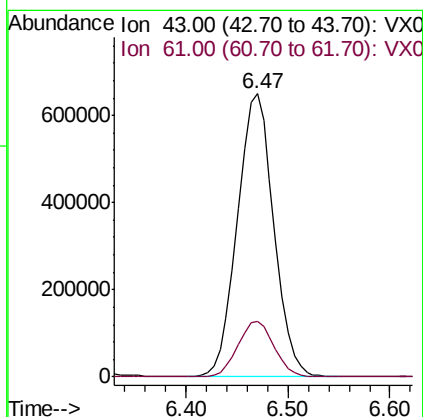
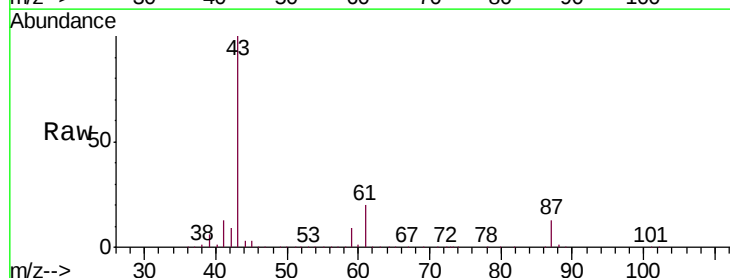
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC200

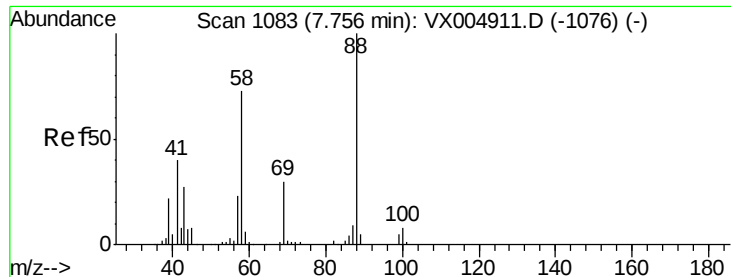
Tgt Ion: 43 Resp: 1009825
Ion Ratio Lower Upper
43 100
45 15.0 12.3 18.5



#44
Isopropyl Acetate
Concen: 201.594 ug/l
RT: 6.47 min Scan# 872
Delta R.T. 0.01 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion: 43 Resp: 1601312
Ion Ratio Lower Upper
43 100
61 19.8 15.7 23.5

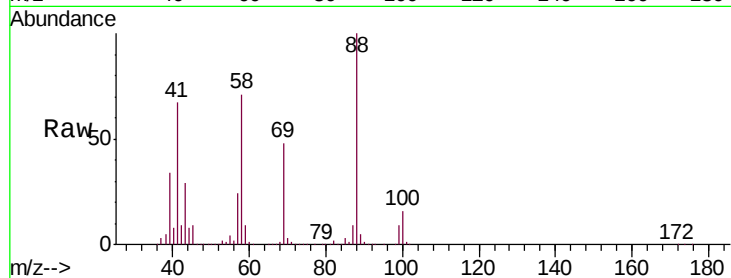




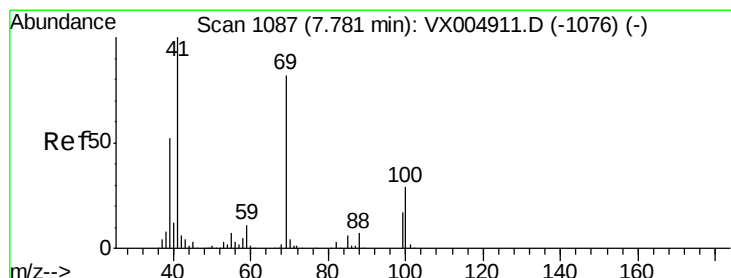
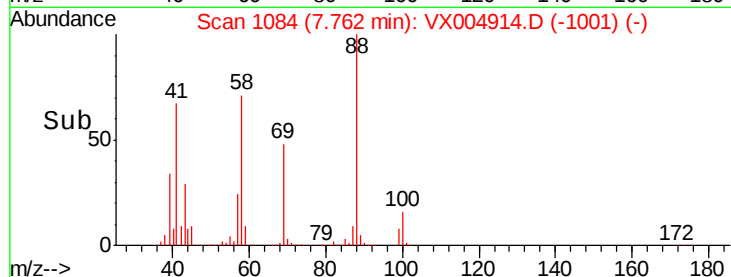
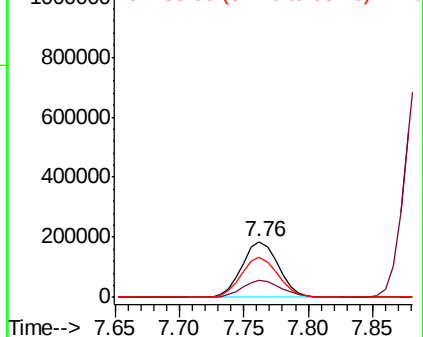
#45
 1,4-Dioxane
 Concen: 3875.303 ug/l
 RT: 7.76 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC200

Tgt Ion: 88 Resp: 362662
 Ion Ratio Lower Upper
 88 100
 43 32.7 25.4 38.0
 58 73.1 61.0 91.6

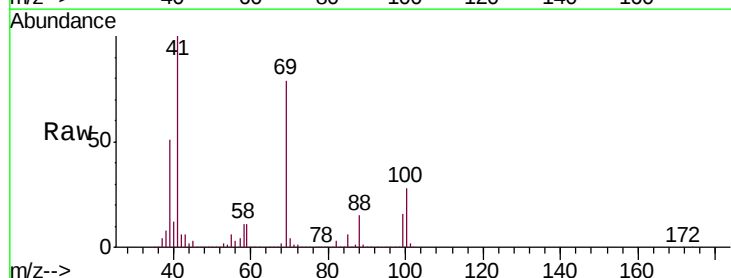


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

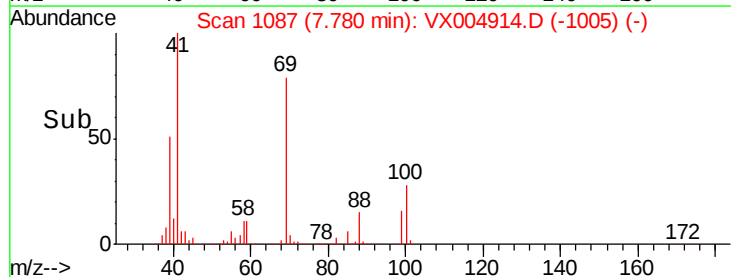
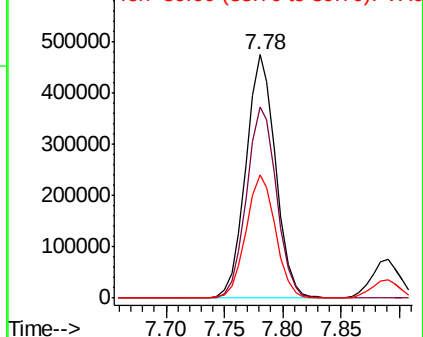


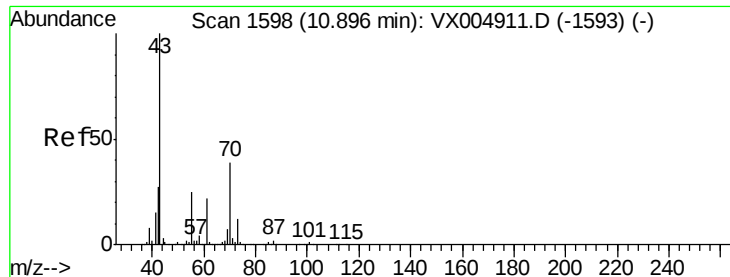
#46
 Methyl methacrylate
 Concen: 204.146 ug/l
 RT: 7.78 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Tgt Ion: 41 Resp: 841310
 Ion Ratio Lower Upper
 41 100
 69 78.7 41.0 123.0
 39 50.6 25.9 77.7



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





#47

n-amyl Acetate

Concen: 227.865 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

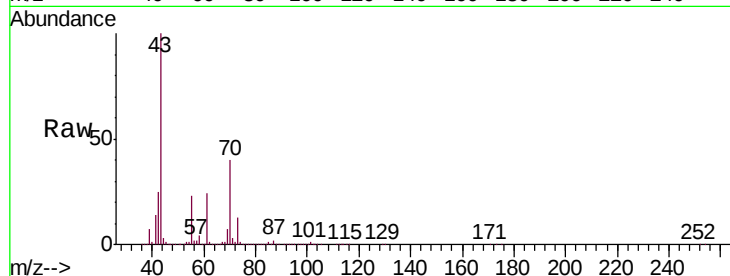
VSTDIC200

Tgt Ion: 43 Resp: 1669914

Ion Ratio Lower Upper

43 100

55 23.4 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.90

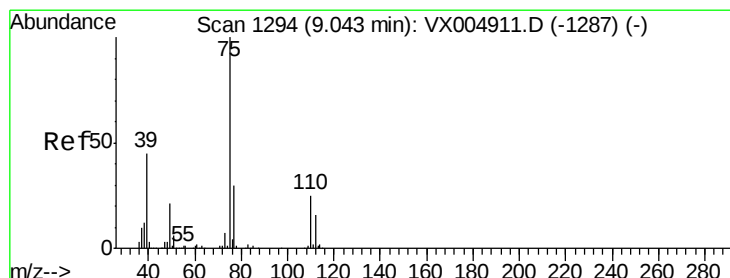
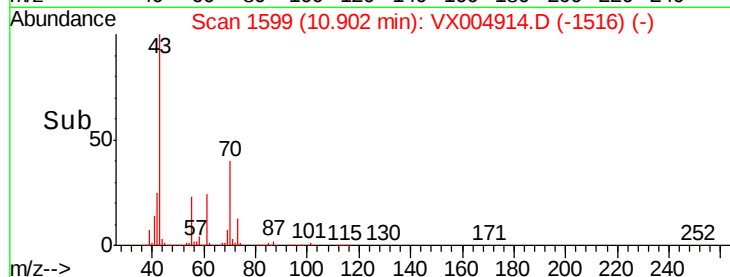
1500000

1000000

500000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 200.268 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004914.D

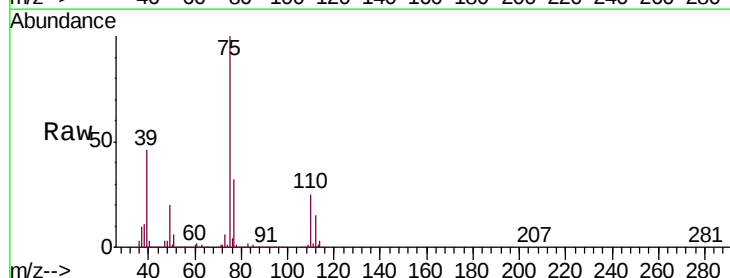
Acq: 02 Oct 2018 11:51

Tgt Ion: 75 Resp: 973077

Ion Ratio Lower Upper

75 100

77 31.6 24.4 36.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.04

800000

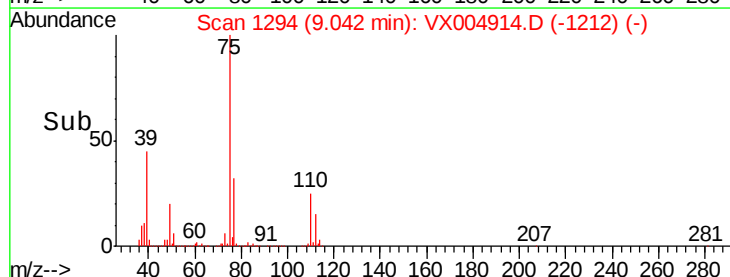
600000

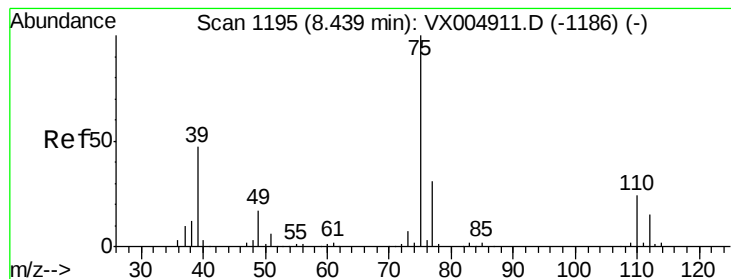
400000

200000

0

Time-->



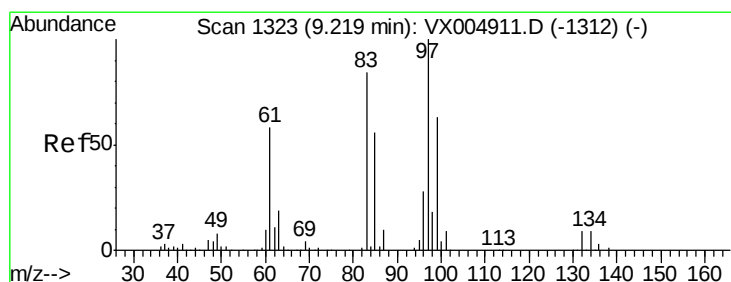
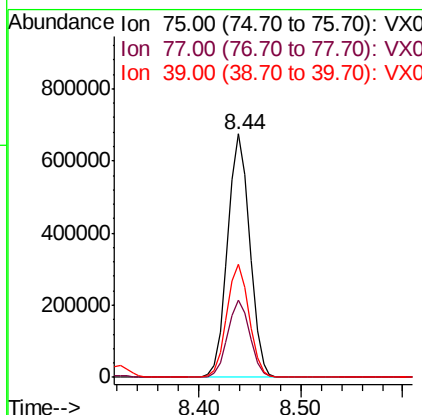
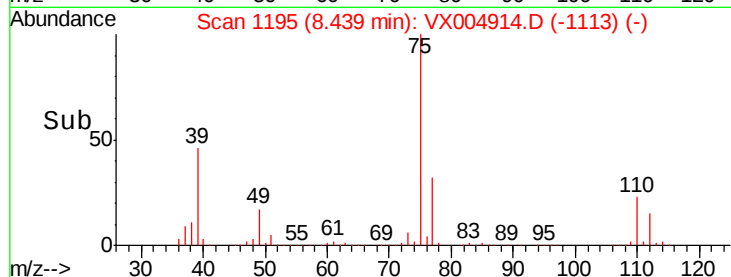
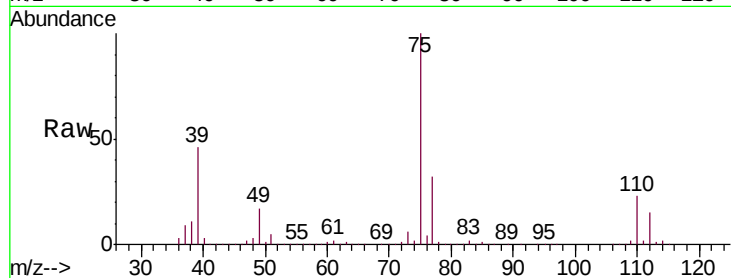


#49

cis-1,3-Dichloropropene
Concen: 215.255 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

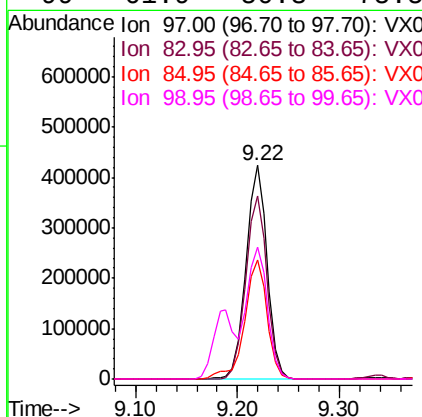
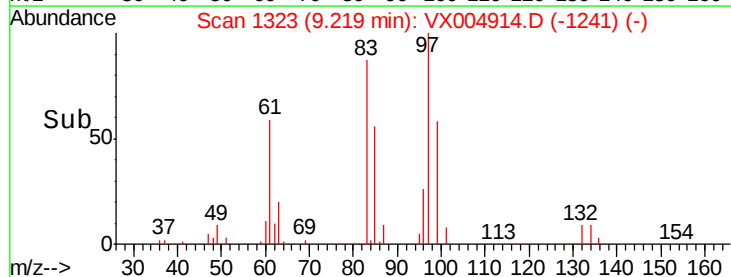
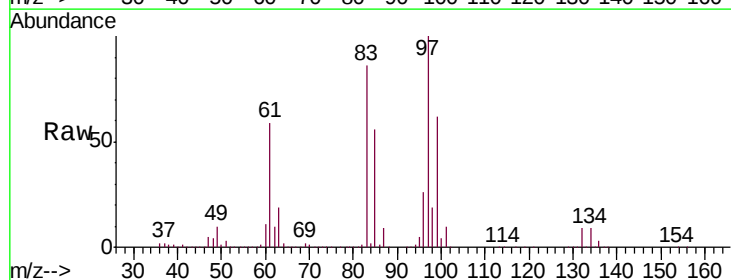
Tgt Ion: 75 Resp: 1011584
Ion Ratio Lower Upper
75 100
77 31.7 24.9 37.3
39 46.4 38.0 57.0

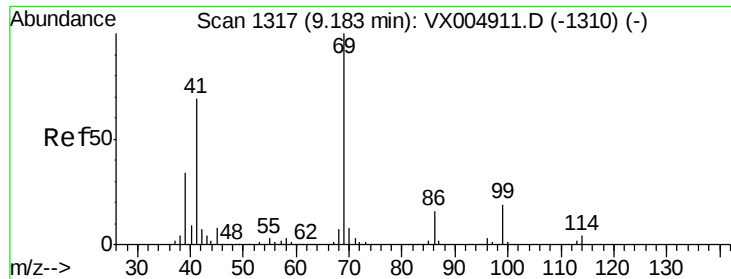


#50

1,1,2-Trichloroethane
Concen: 193.750 ug/l
RT: 9.22 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion: 97 Resp: 610097
Ion Ratio Lower Upper
97 100
83 85.7 67.2 100.8
85 55.8 44.7 67.1
99 61.9 50.3 75.5





#51

Ethyl methacrylate

Concen: 216.243 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampled :

VSTDIC200

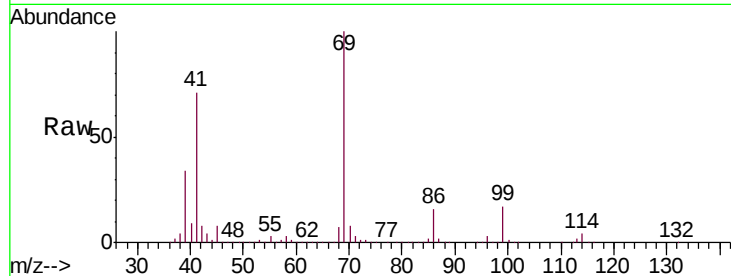
Tgt Ion: 69 Resp: 1080648

Ion Ratio Lower Upper

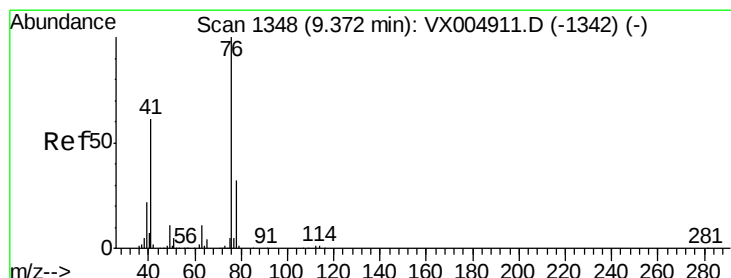
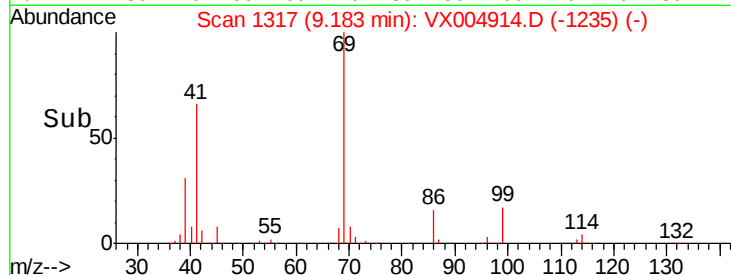
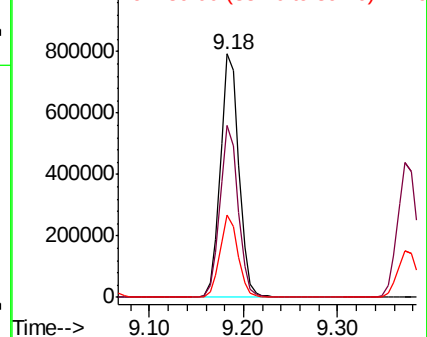
69 100

41 70.8 34.6 103.9

39 33.6 17.0 51.0



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: 194.271 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004914.D

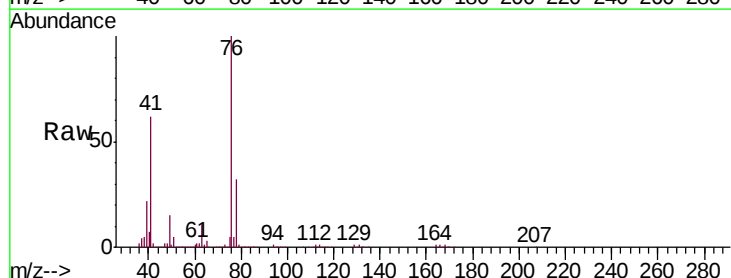
Acq: 02 Oct 2018 11:51

Tgt Ion: 76 Resp: 1032042

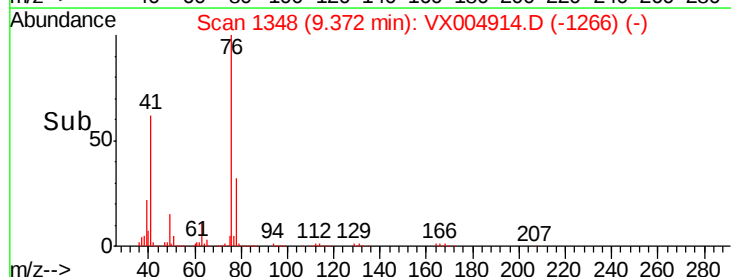
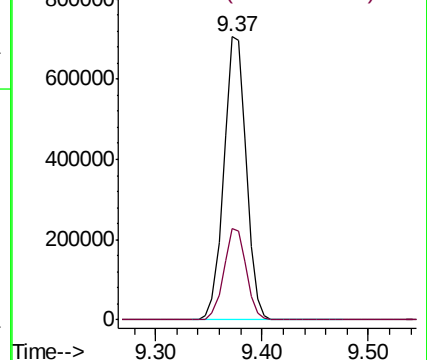
Ion Ratio Lower Upper

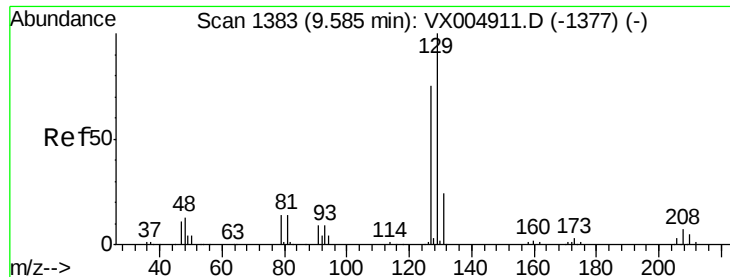
76 100

78 32.1 0.0 64.4



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





#53

Dibromochloromethane

Concen: 208.800 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

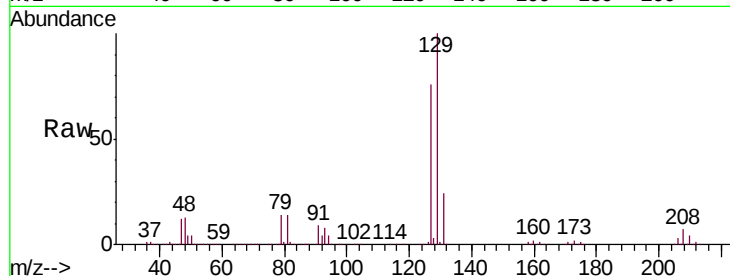
VSTDIC200

Tgt Ion:129 Resp: 682137

Ion Ratio Lower Upper

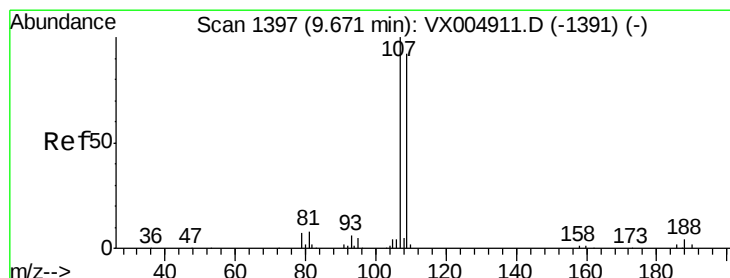
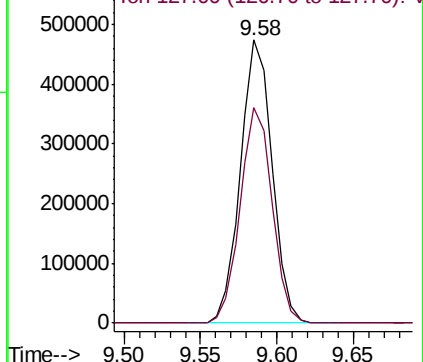
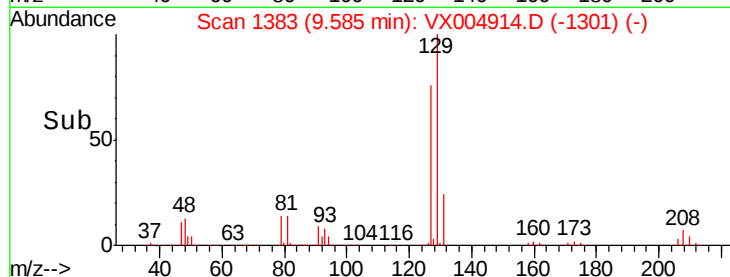
129 100

127 76.6 38.3 114.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 197.168 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004914.D

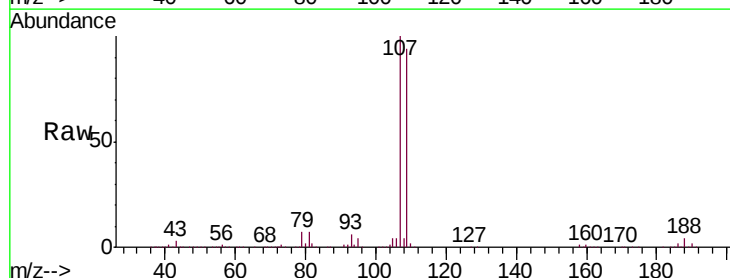
Acq: 02 Oct 2018 11:51

Tgt Ion:107 Resp: 647024

Ion Ratio Lower Upper

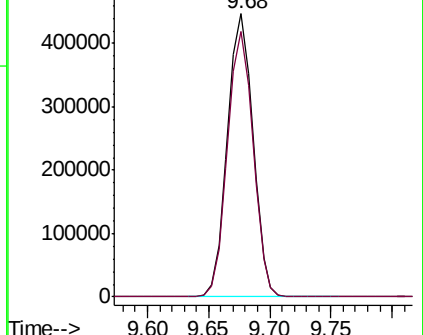
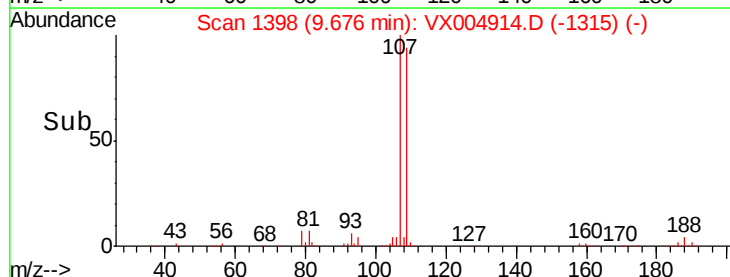
107 100

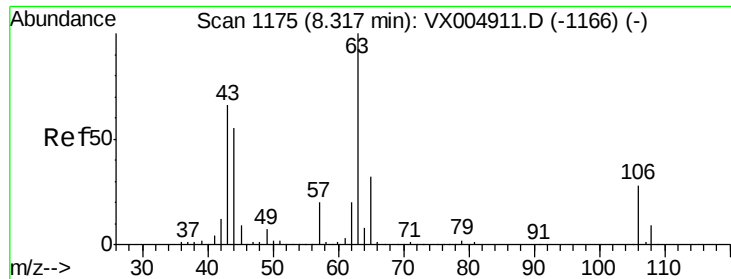
109 94.0 74.8 112.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

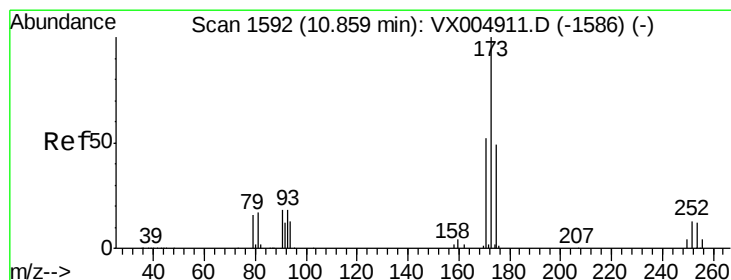
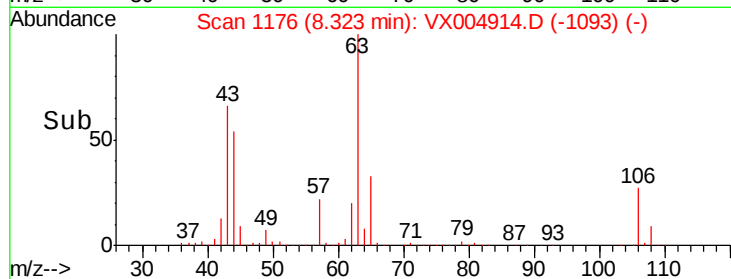
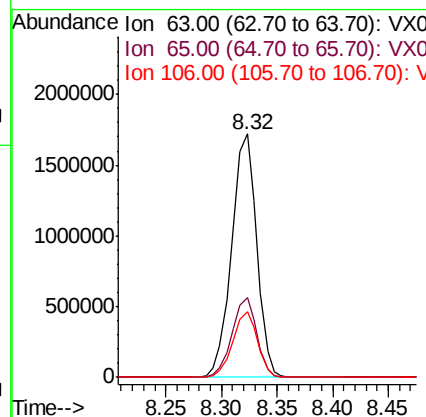
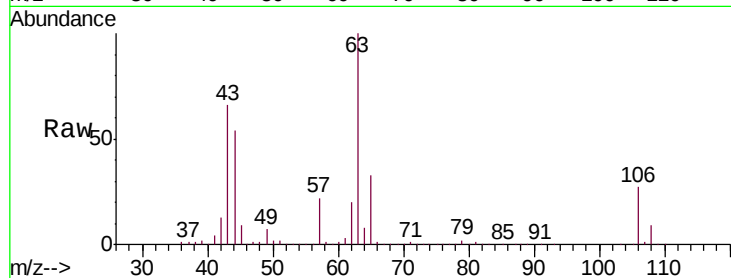




#55
2-Chloroethyl vinyl ether
Concen: 1013.962 ug/l
RT: 8.32 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

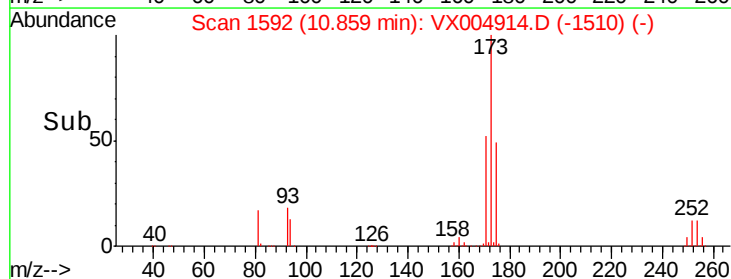
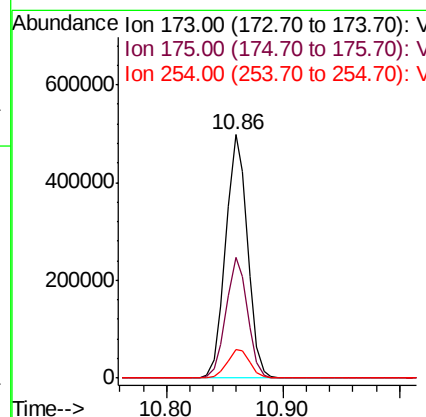
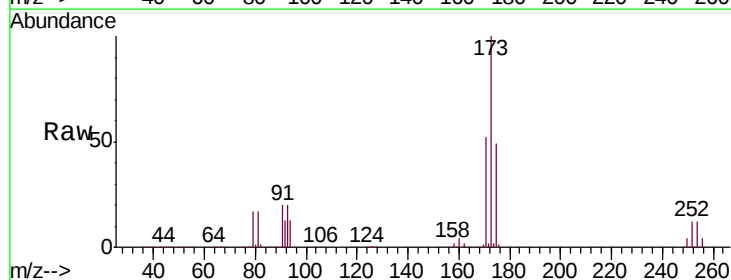
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC200

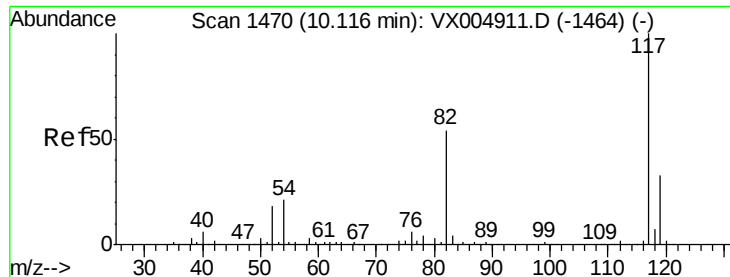
Tgt Ion: 63 Resp: 2673766
Ion Ratio Lower Upper
63 100
65 32.4 25.9 38.9
106 26.9 21.8 32.6



#56
Bromoform
Concen: 234.935 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion: 173 Resp: 640970
Ion Ratio Lower Upper
173 100
175 49.0 39.7 59.5
254 12.3 9.6 14.4

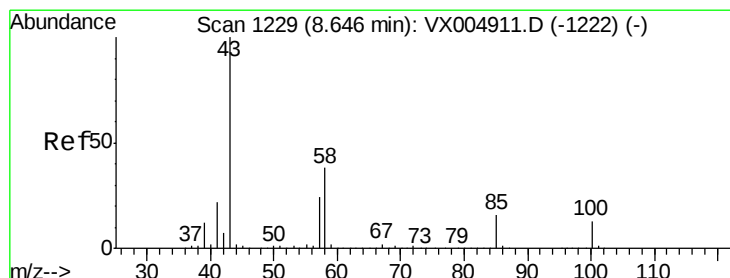
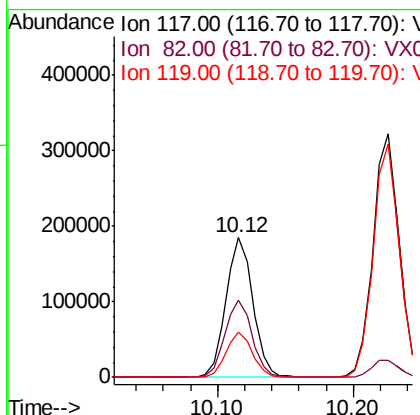
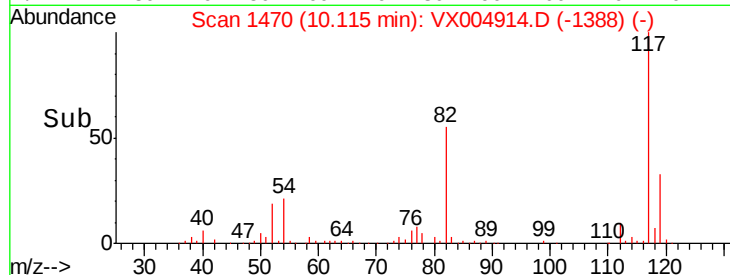
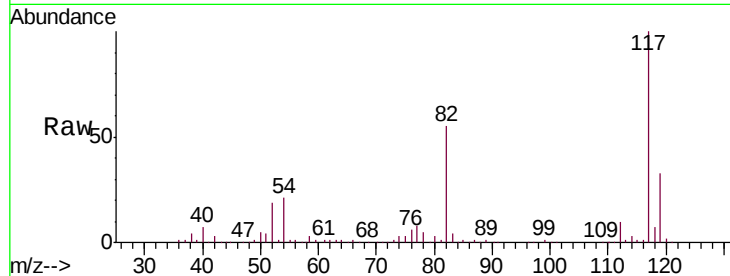




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

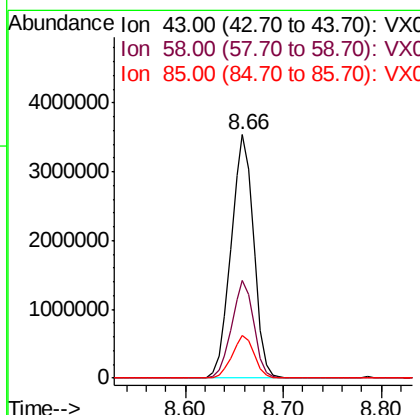
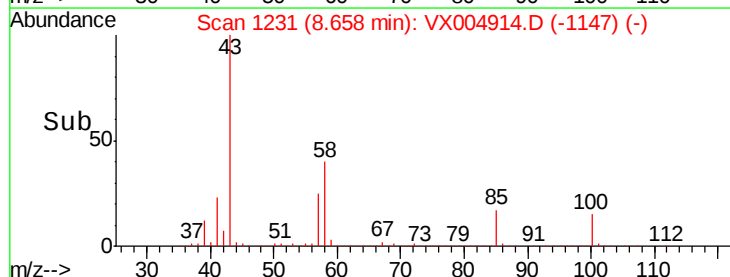
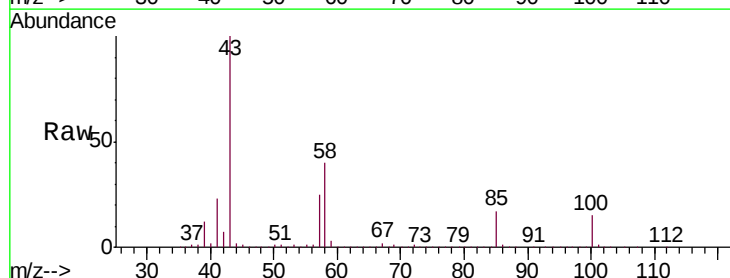
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

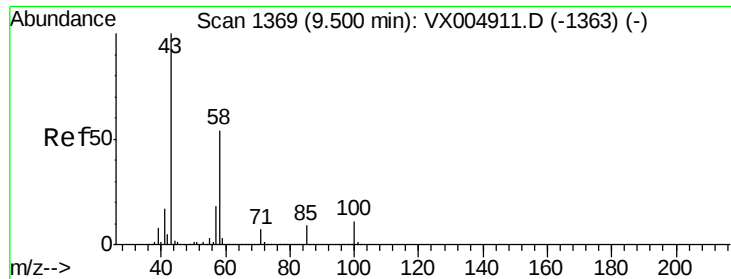
Tgt Ion: 117 Resp: 255089
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.4
119 31.8 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 988.725 ug/l
RT: 8.66 min Scan# 1231
Delta R.T. 0.01 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion: 43 Resp: 5662915
Ion Ratio Lower Upper
43 100
58 39.4 30.8 46.2
85 17.1 13.1 19.7

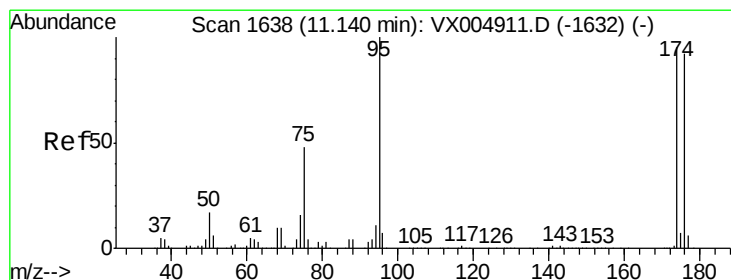
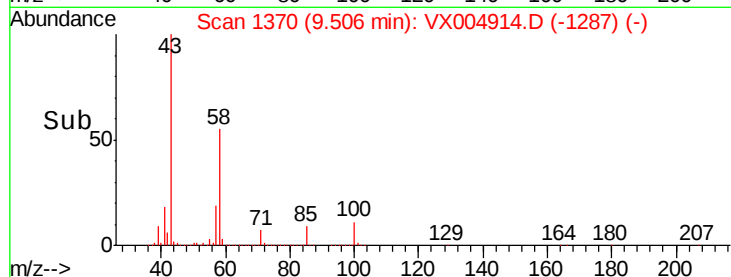
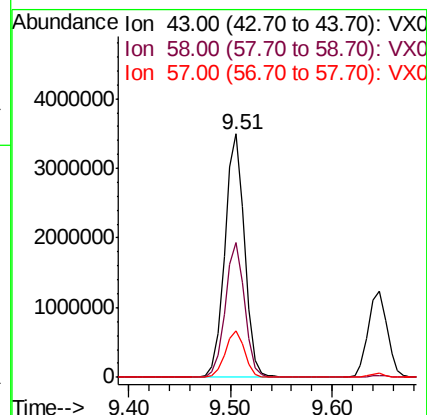
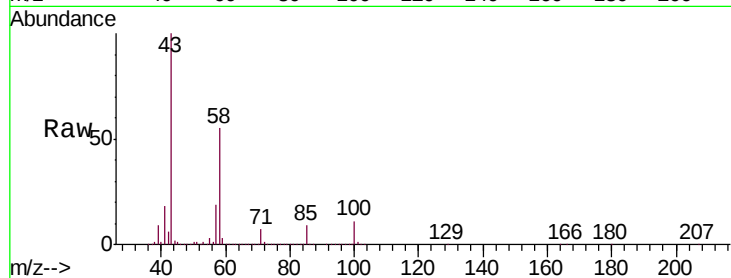




#59
2-Hexanone
Concen: 998.416 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

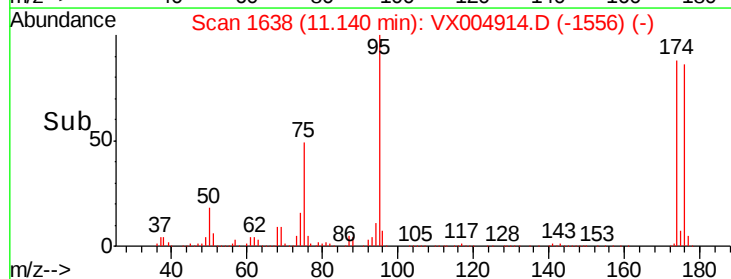
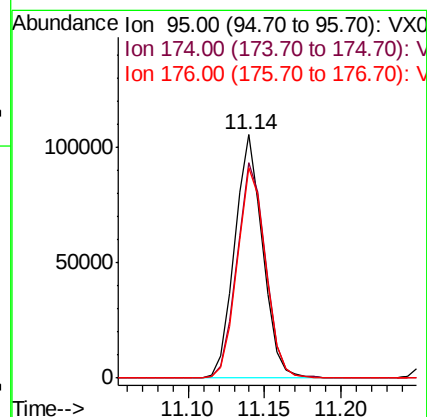
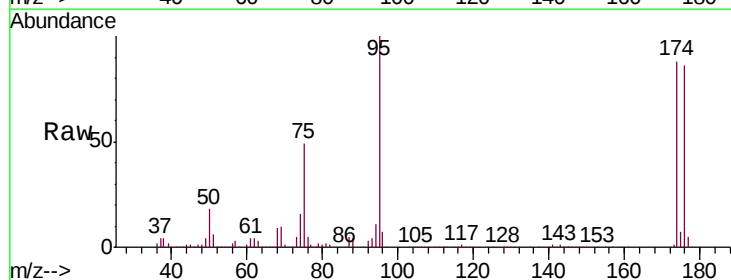
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC200

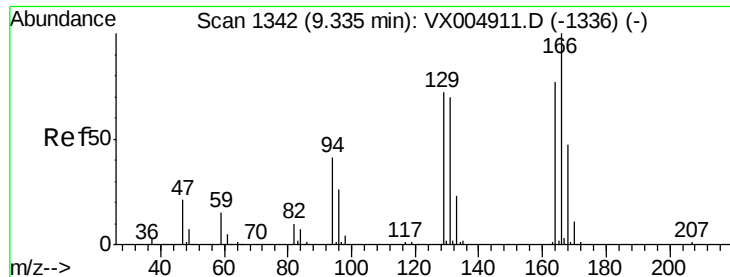
Tgt Ion: 43 Resp: 4711345
Ion Ratio Lower Upper
43 100
58 54.4 42.7 64.1
57 19.0 14.6 22.0



#60
4-Bromofluorobenzene
Concen: 31.436 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion: 95 Resp: 133294
Ion Ratio Lower Upper
95 100
174 90.8 73.1 109.7
176 87.8 71.0 106.6

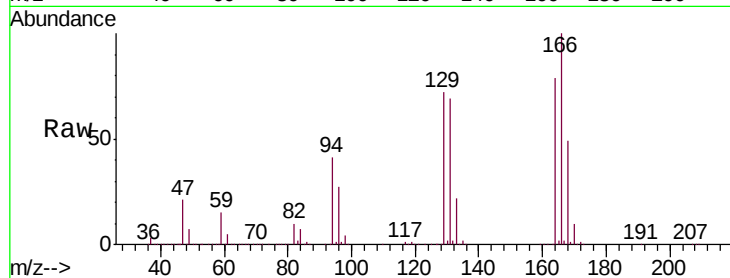




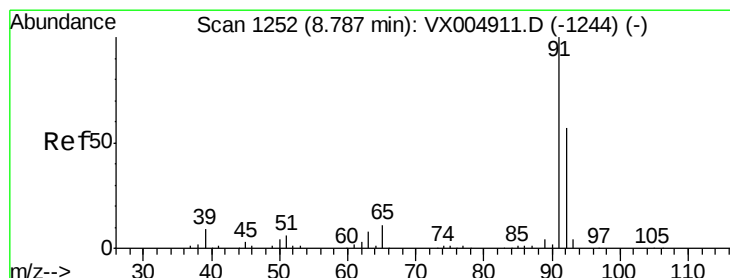
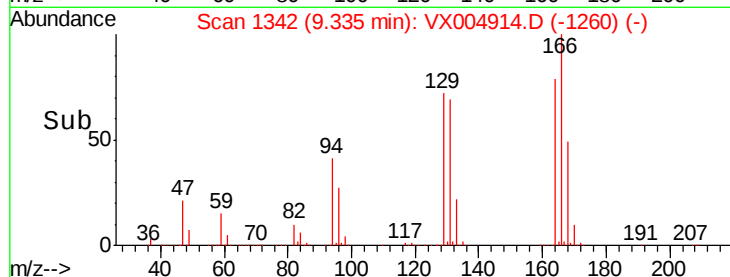
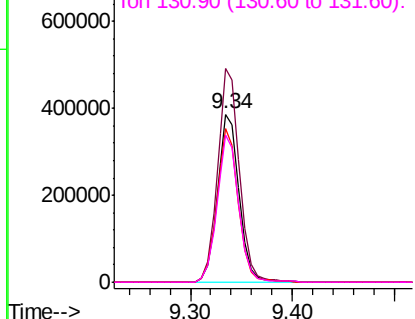
#61
Tetrachloroethene
Concen: 185.208 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

Tgt Ion:164 Resp: 574947
Ion Ratio Lower Upper
164 100
166 127.3 104.0 156.0
129 91.4 75.1 112.7
131 87.6 72.5 108.7

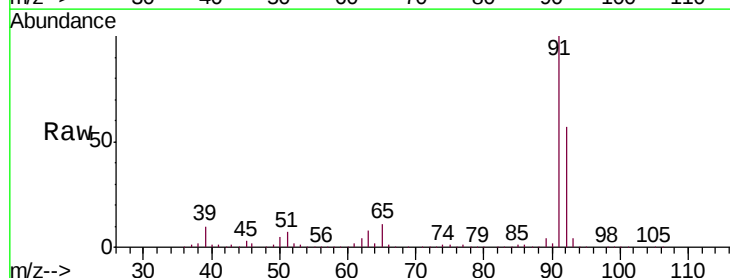


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

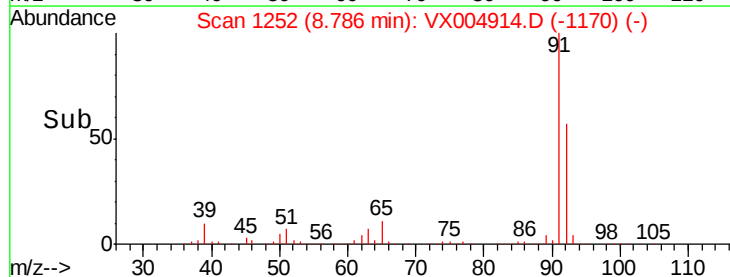
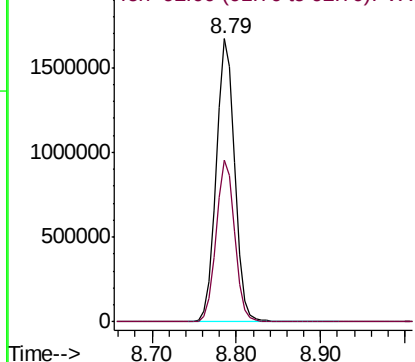


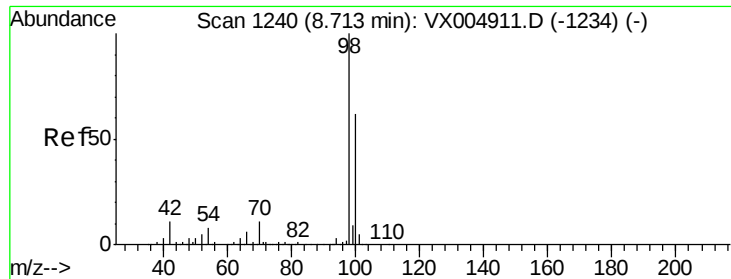
#62
Toluene
Concen: 190.175 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion: 91 Resp: 2549510
Ion Ratio Lower Upper
91 100
92 57.5 46.2 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 28.774 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

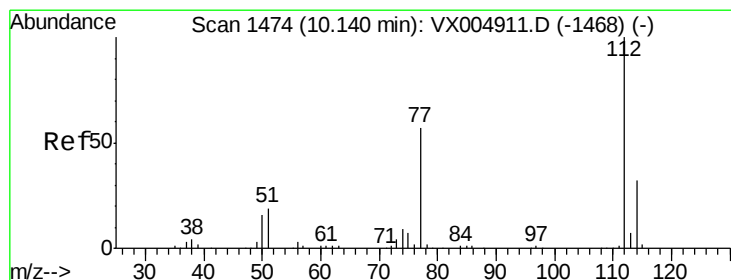
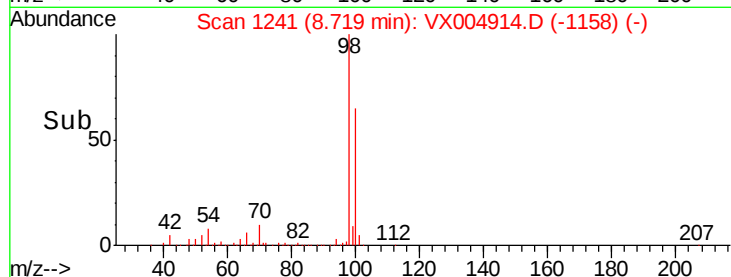
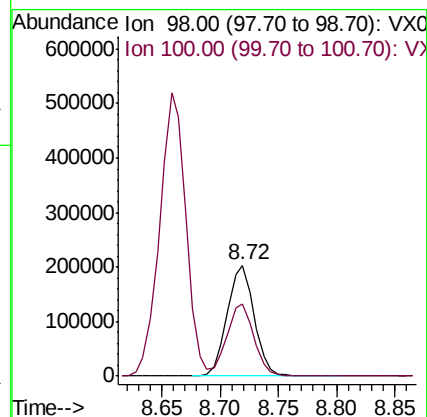
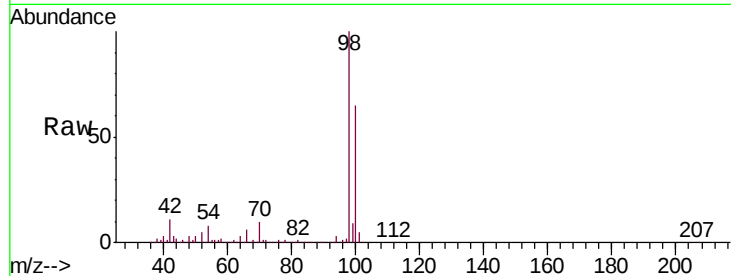
VSTDIC200

Tgt Ion: 98 Resp: 327634

Ion Ratio Lower Upper

98 100

100 65.5 51.6 77.4



#64

Chlorobenzene

Concen: 194.010 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX004914.D

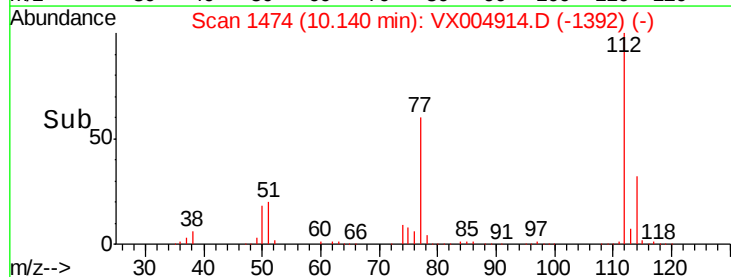
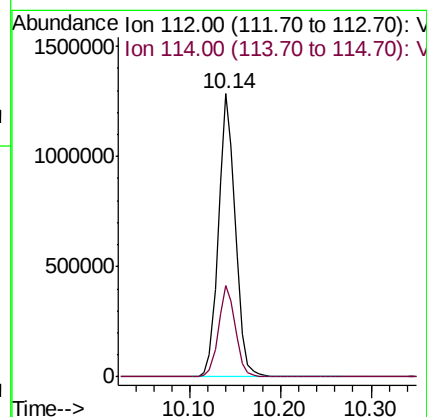
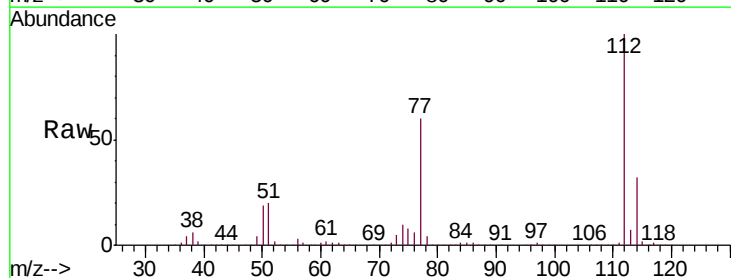
Acq: 02 Oct 2018 11:51

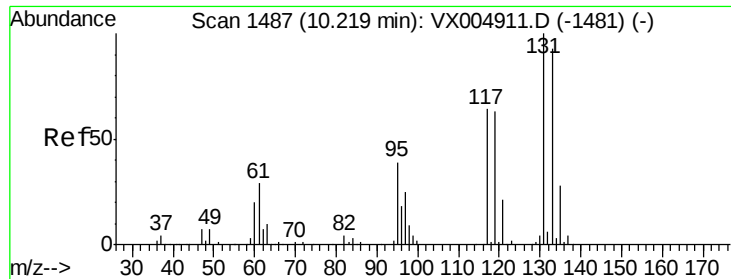
Tgt Ion: 112 Resp: 1679676

Ion Ratio Lower Upper

112 100

114 32.4 25.7 38.5

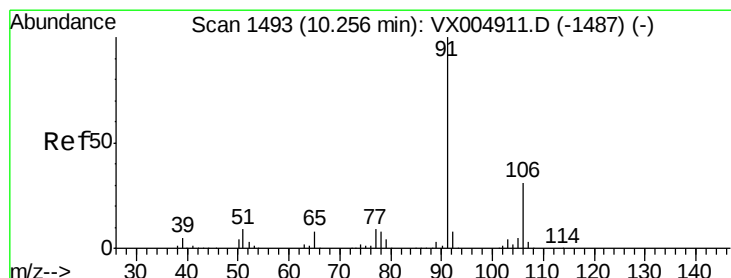
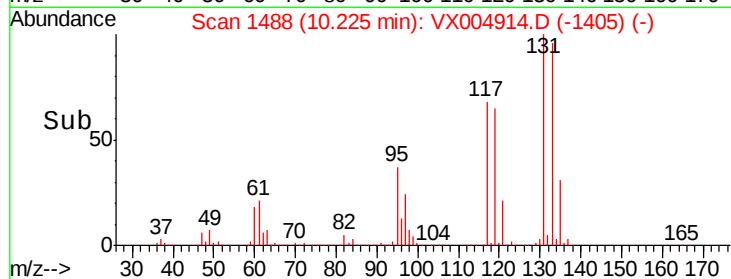
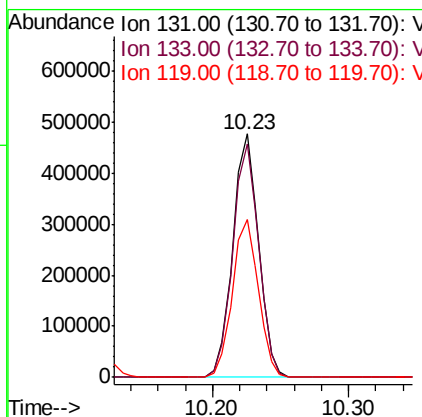
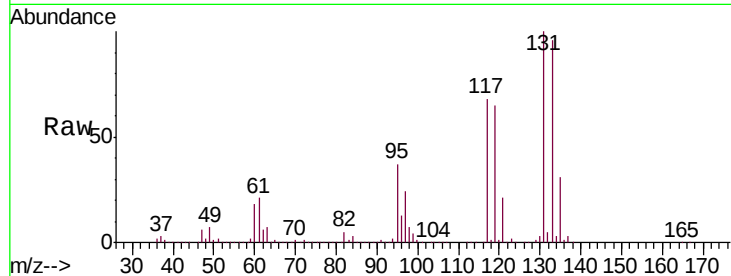




#65
 1,1,1,2-Tetrachloroethane
 Concen: 199.809 ug/l
 RT: 10.23 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

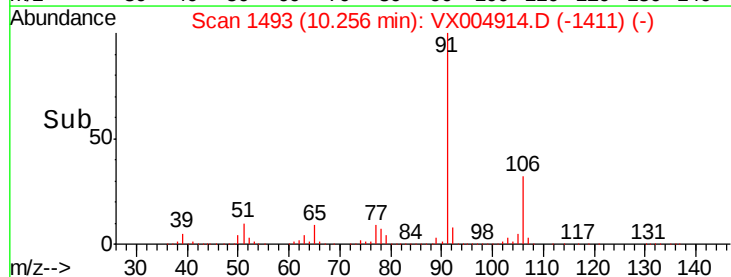
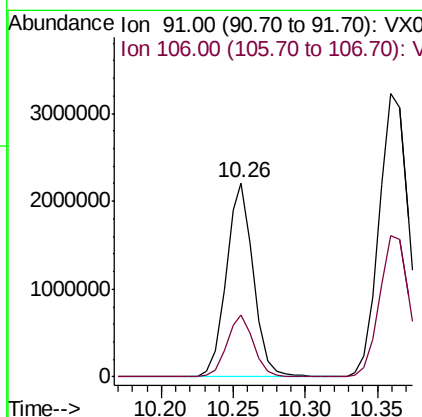
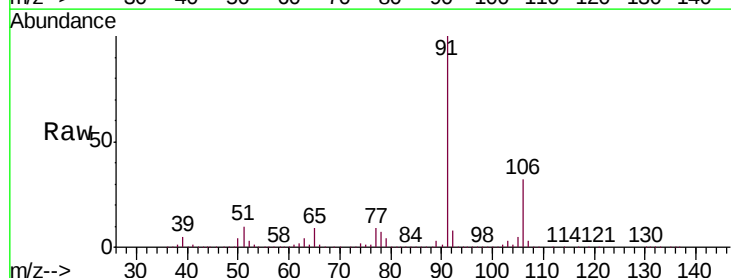
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC200

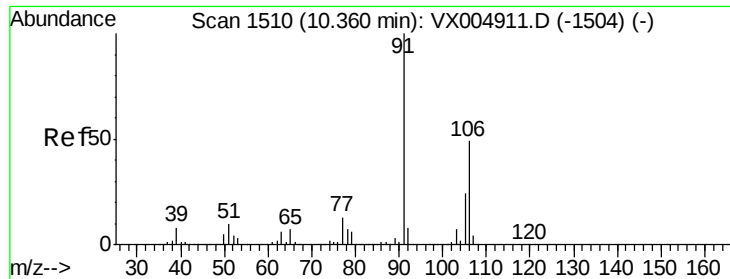
Tgt Ion:131 Resp: 628848
 Ion Ratio Lower Upper
 131 100
 133 96.5 0.0 190.4
 119 65.3 0.0 129.0



#66
 Ethyl Benzene
 Concen: 199.426 ug/l
 RT: 10.26 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Tgt Ion: 91 Resp: 2918737
 Ion Ratio Lower Upper
 91 100
 106 31.6 24.5 36.7

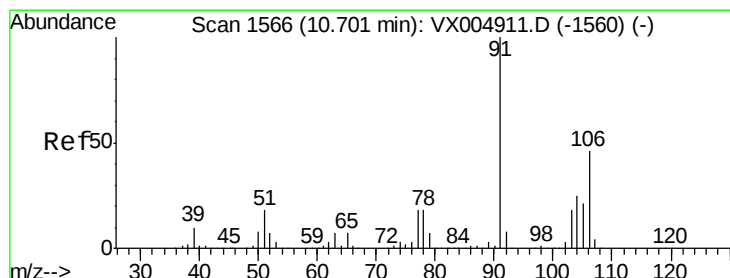
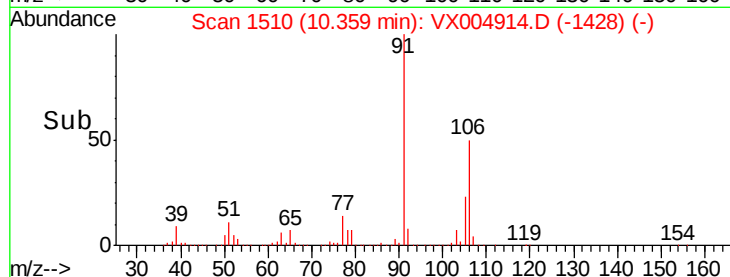
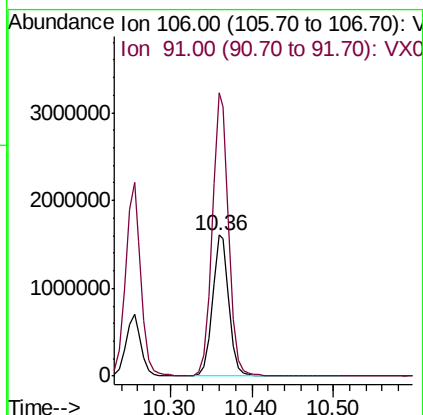
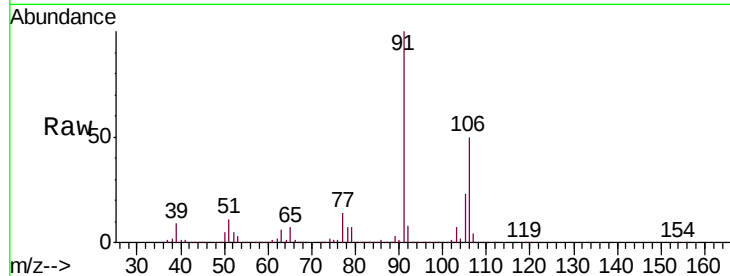




#67
m/p-Xylenes
Concen: 398.916 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

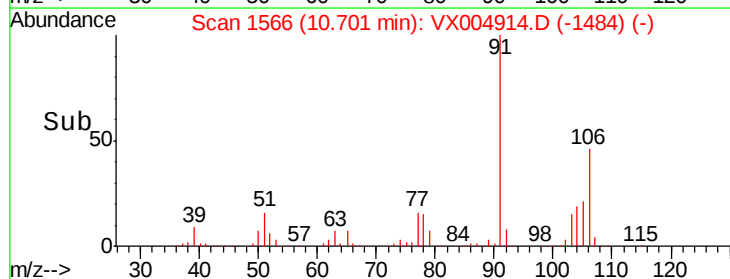
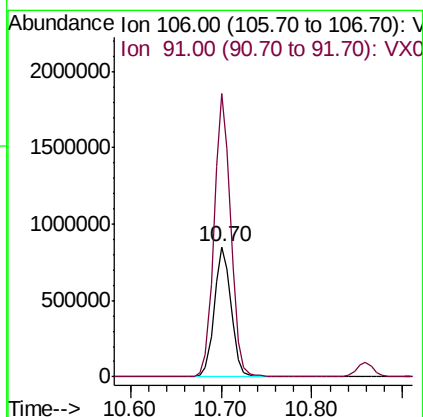
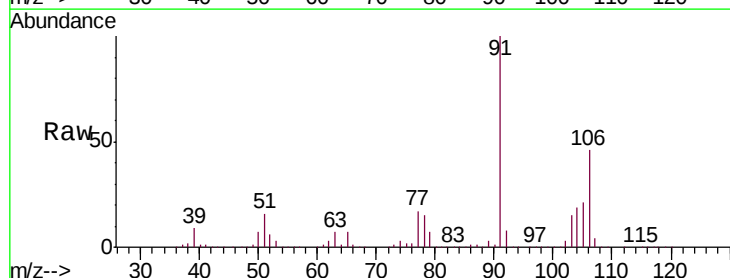
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

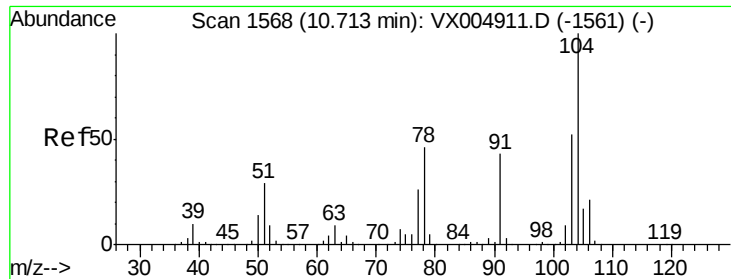
Tgt Ion:106 Resp: 2273289
Ion Ratio Lower Upper
106 100
91 200.7 165.5 248.3



#68
o-Xylene
Concen: 203.539 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion:106 Resp: 1118078
Ion Ratio Lower Upper
106 100
91 214.6 109.1 327.2

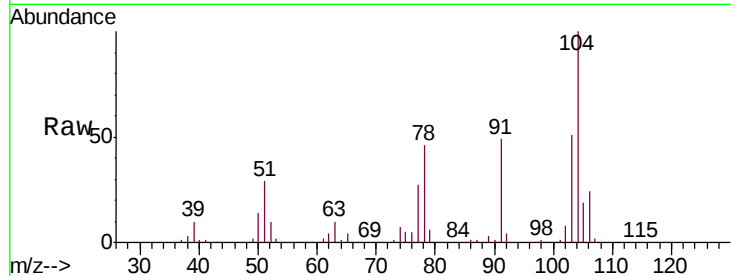




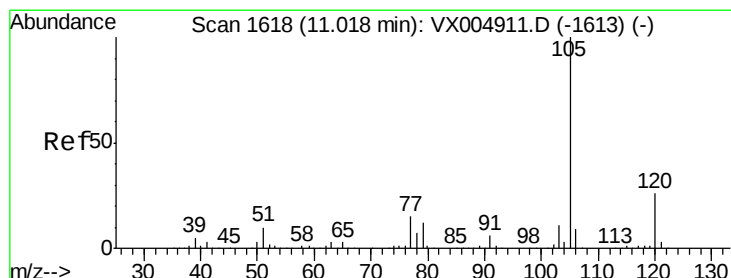
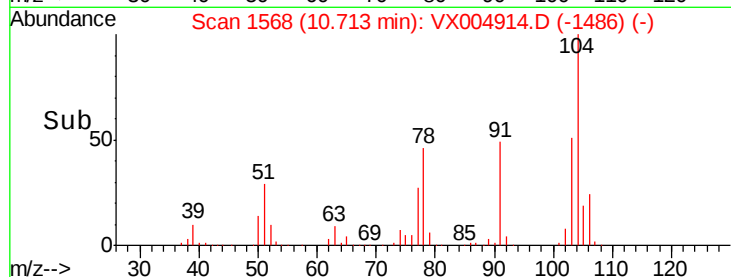
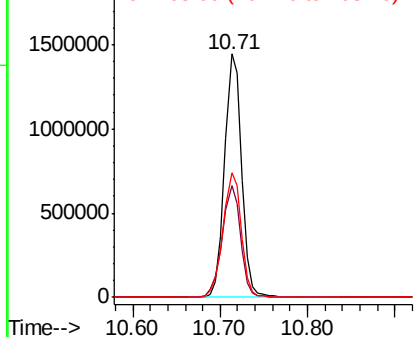
#69
Styrene
Concen: 209.232 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

Tgt Ion:104 Resp: 1932659
Ion Ratio Lower Upper
104 100
78 49.7 40.3 60.5
103 55.2 44.6 66.8

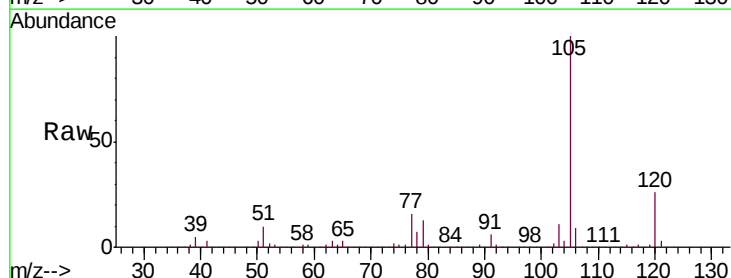


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX
Ion 103.00 (102.70 to 103.70): V

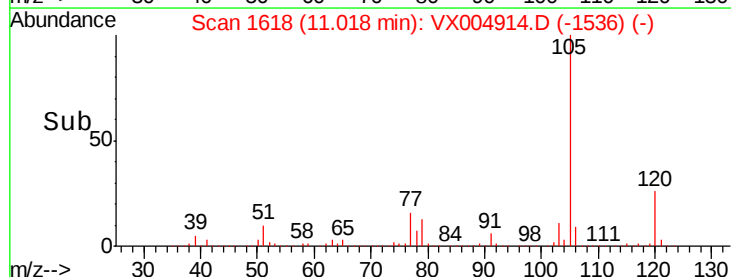
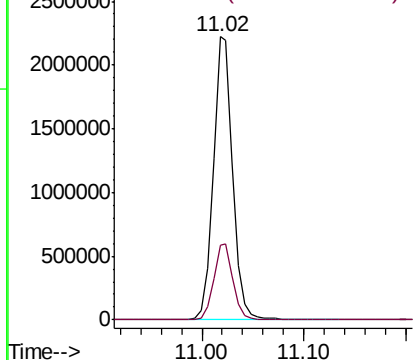


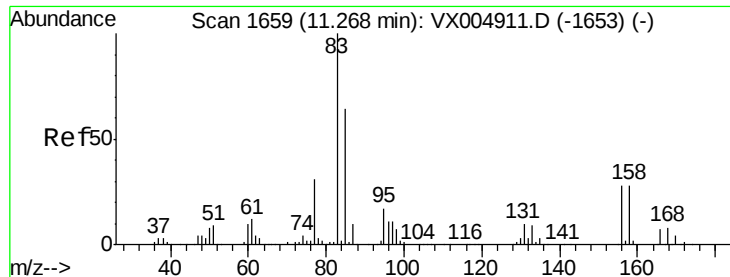
#70
Isopropylbenzene
Concen: 201.659 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion:105 Resp: 2966269
Ion Ratio Lower Upper
105 100
120 26.7 18.3 34.1



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

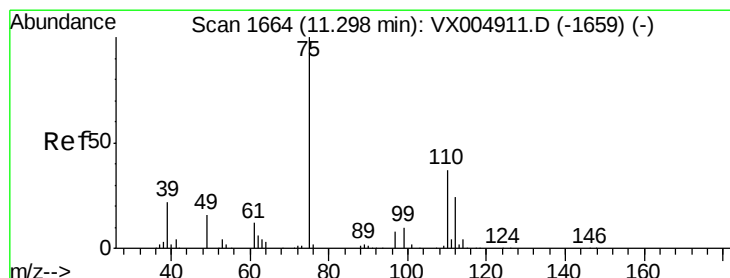
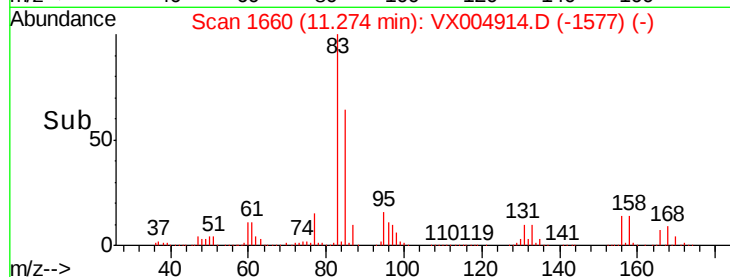
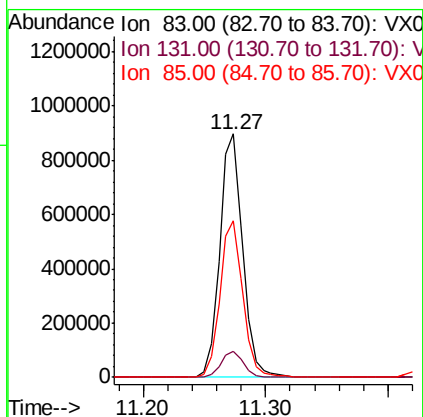
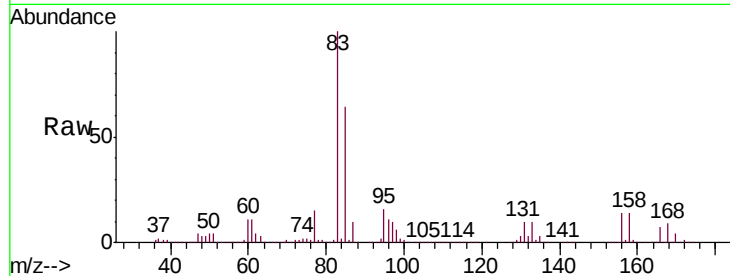




#71
 1,1,2,2-Tetrachloroethane
 Concen: 213.226 ug/l
 RT: 11.27 min Scan# 1660
 Delta R.T. 0.01 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

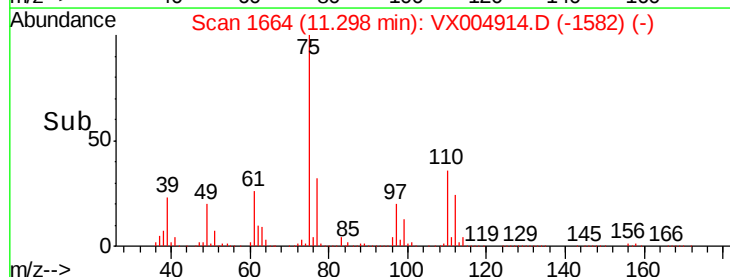
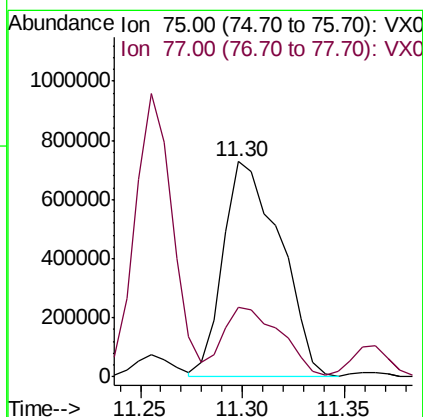
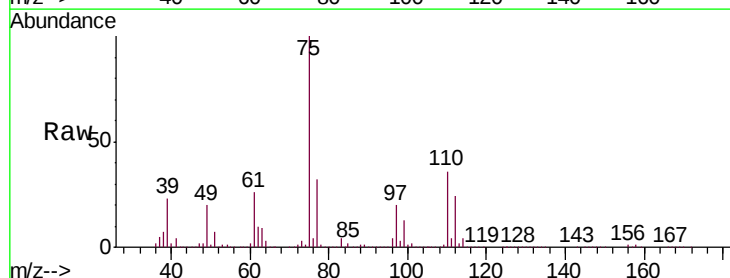
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC200

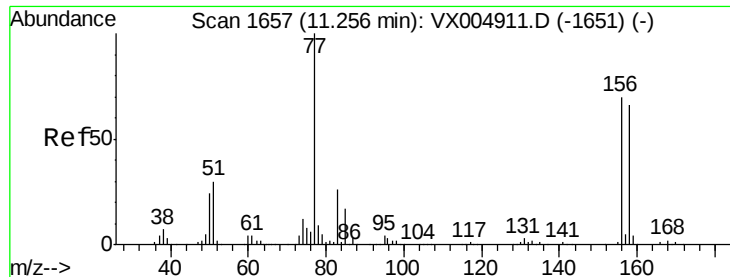
Tgt Ion: 83 Resp: 1164951
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.1 15.2
 85 64.2 32.2 96.6



#72
 1,2,3-Trichloropropane
 Concen: 285.197 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Tgt Ion: 75 Resp: 1419533
 Ion Ratio Lower Upper
 75 100
 77 32.6 0.0 81.2





#73

Bromobenzene

Concen: 205.014 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC200

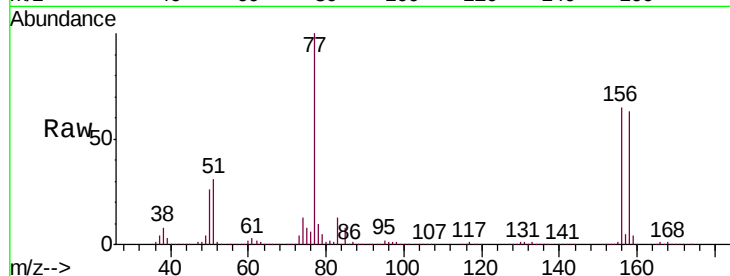
Tgt Ion:156 Resp: 828951

Ion Ratio Lower Upper

156 100

77 147.6 0.0 292.4

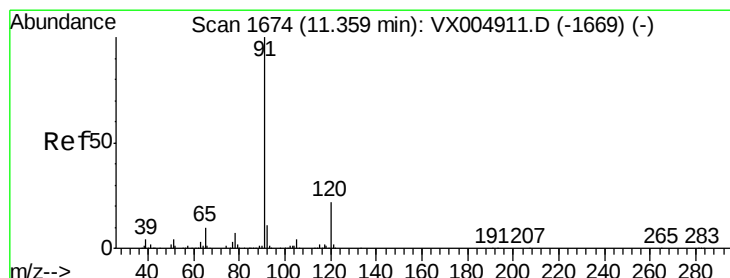
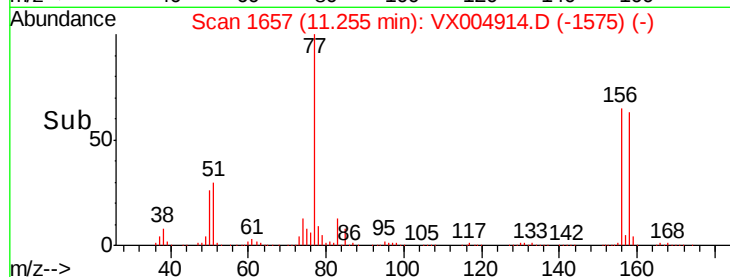
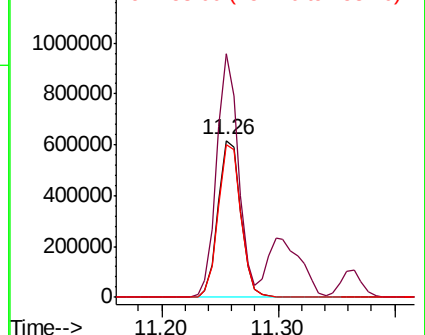
158 97.7 0.0 194.2



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: 203.181 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VX004914.D

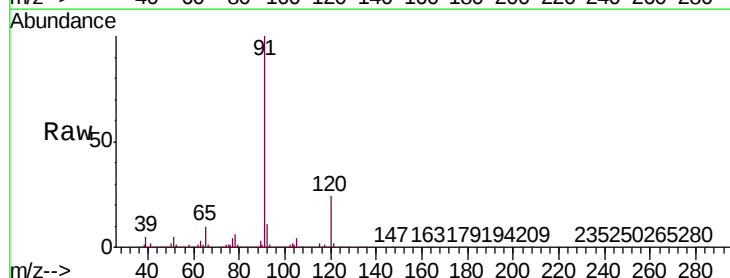
Acq: 02 Oct 2018 11:51

Tgt Ion: 91 Resp: 3516485

Ion Ratio Lower Upper

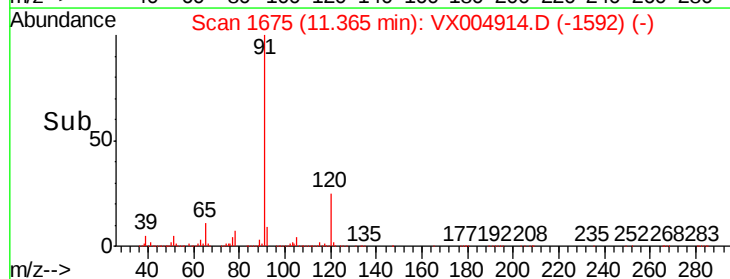
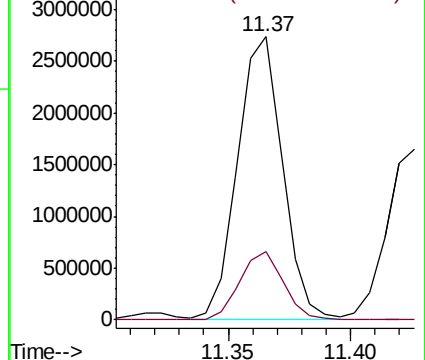
91 100

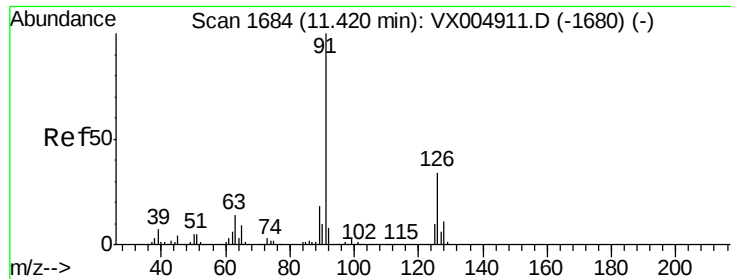
120 23.6 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 202.806 ug/l

RT: 11.43 min Scan# 1685

Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

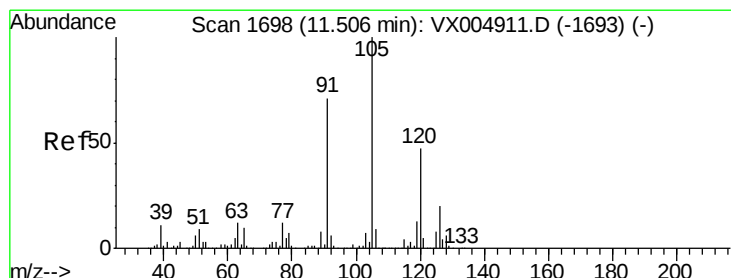
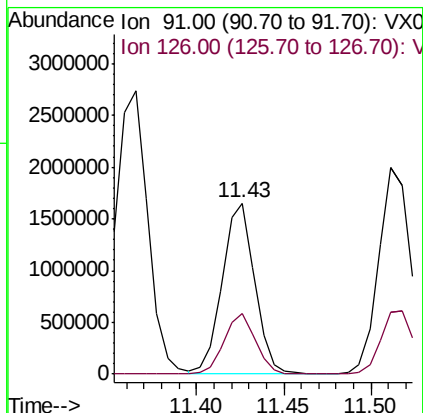
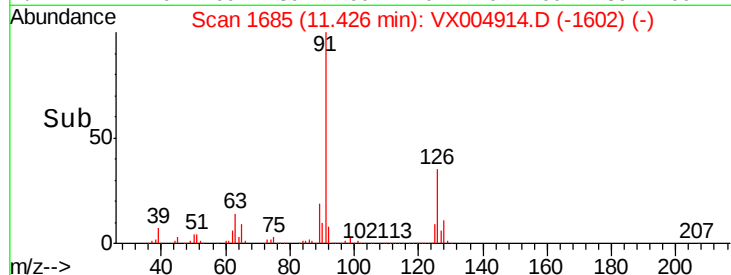
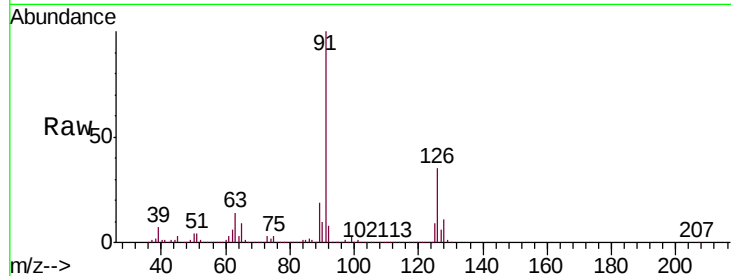
VSTDIC200

Tgt Ion: 91 Resp: 2140699

Ion Ratio Lower Upper

91 100

126 34.3 0.0 68.2



#76

1,3,5-Trimethylbenzene

Concen: 207.560 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX004914.D

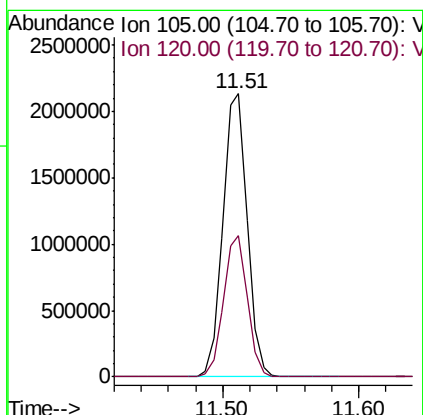
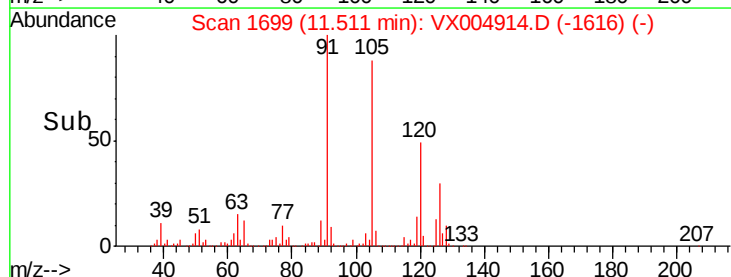
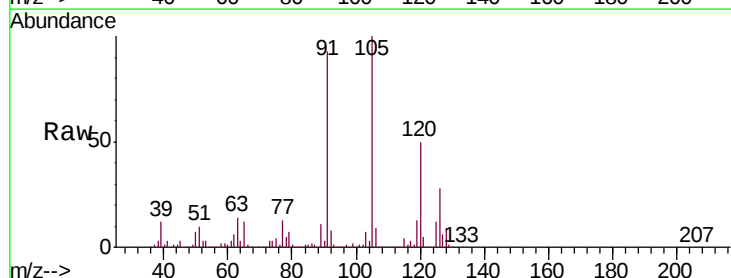
Acq: 02 Oct 2018 11:51

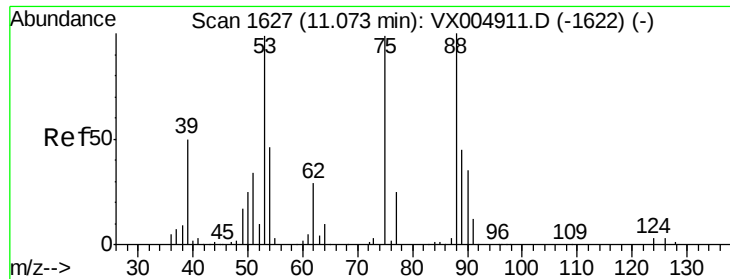
Tgt Ion: 105 Resp: 2634273

Ion Ratio Lower Upper

105 100

120 49.0 0.0 96.8





#77

t-1,4-Dichloro-2-butene

Concen: 248.918 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC200

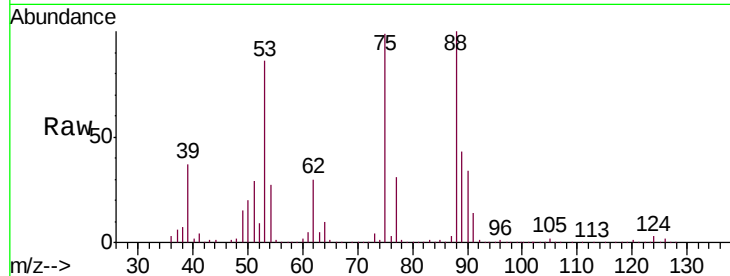
Tgt Ion: 75 Resp: 407349

Ion Ratio Lower Upper

75 100

53 87.2 50.3 150.9

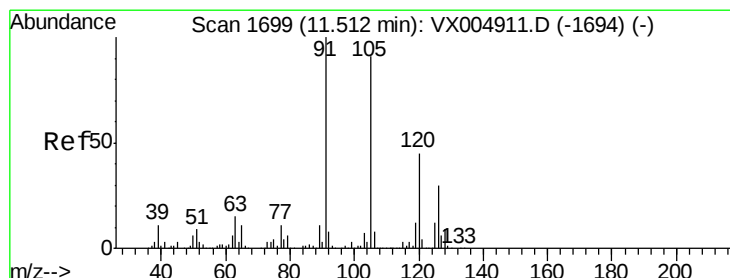
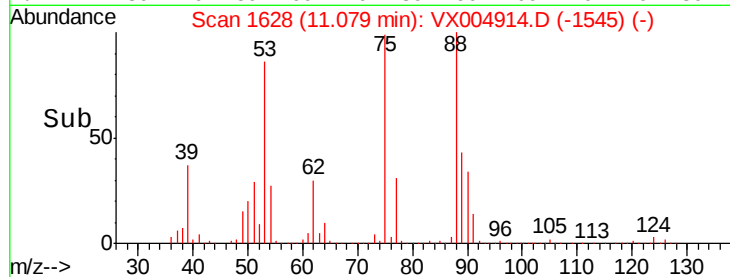
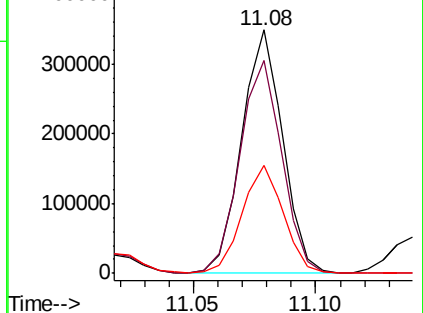
89 44.0 22.6 67.8



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: 208.169 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004914.D

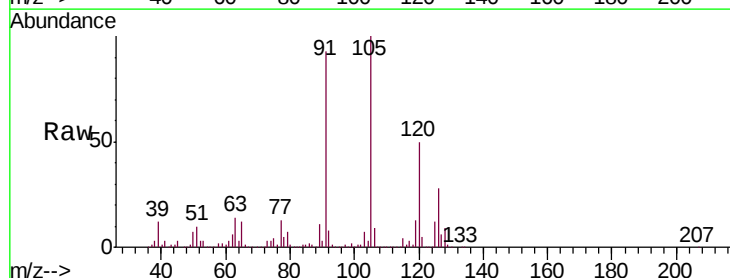
Acq: 02 Oct 2018 11:51

Tgt Ion: 91 Resp: 2554018

Ion Ratio Lower Upper

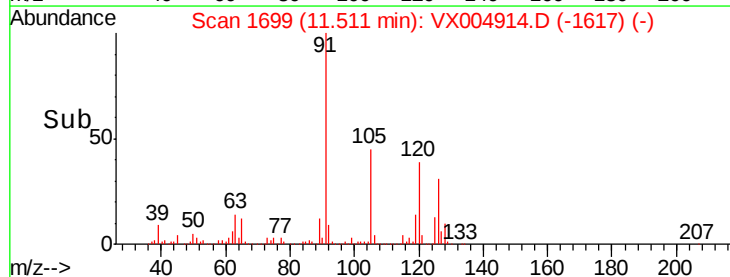
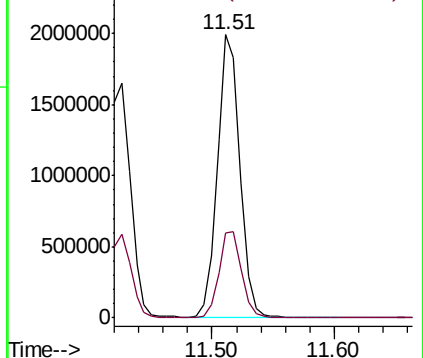
91 100

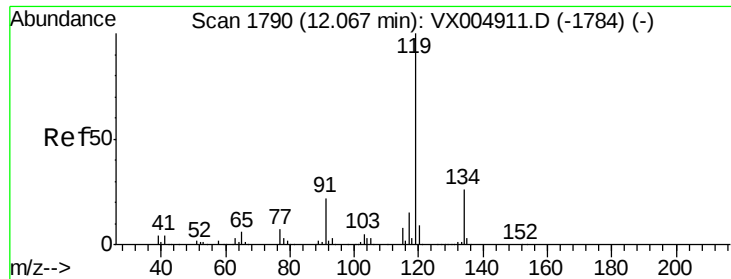
126 30.8 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

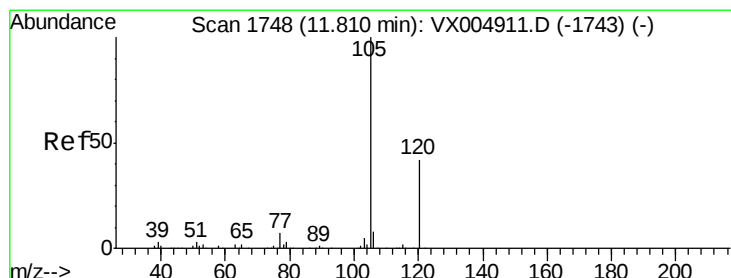
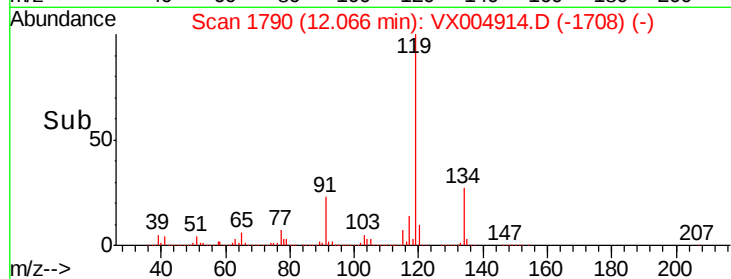
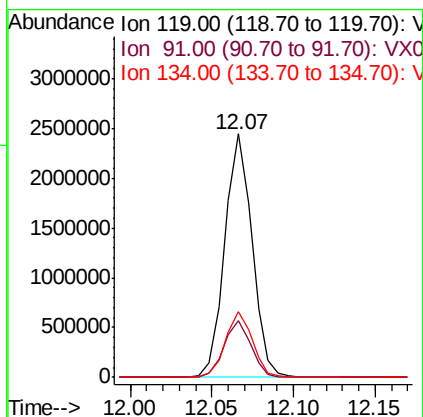
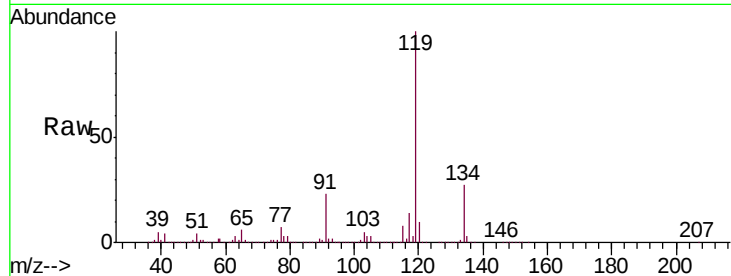




#79
tert-butylbenzene
Concen: 210.584 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

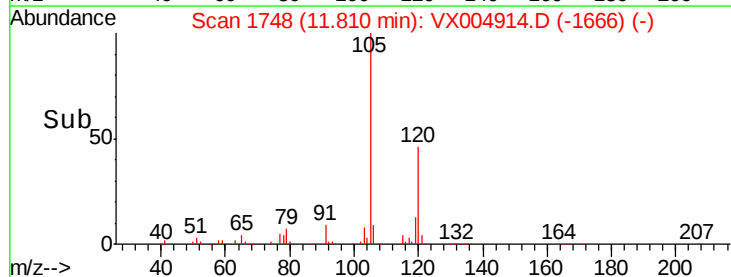
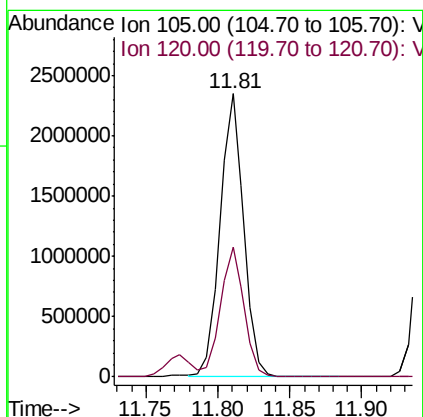
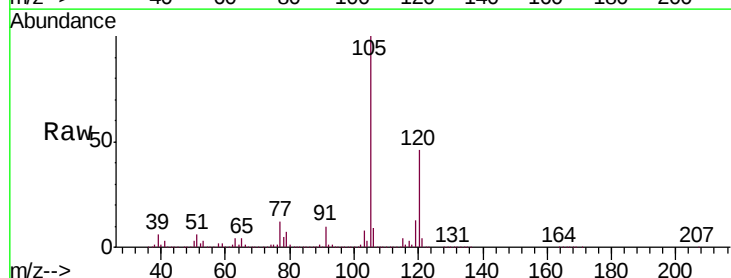
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

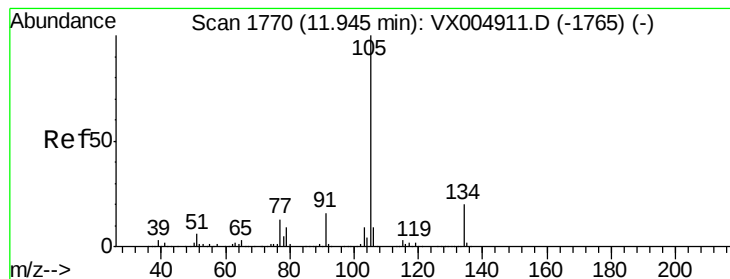
Tgt Ion:119 Resp: 2836442
Ion Ratio Lower Upper
119 100
91 23.0 0.0 45.8
134 26.7 0.0 52.8



#80
1,2,4-Trimethylbenzene
Concen: 209.017 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion:105 Resp: 2705349
Ion Ratio Lower Upper
105 100
120 45.8 0.0 90.6





#81

sec-Butylbenzene

Concen: 208.711 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

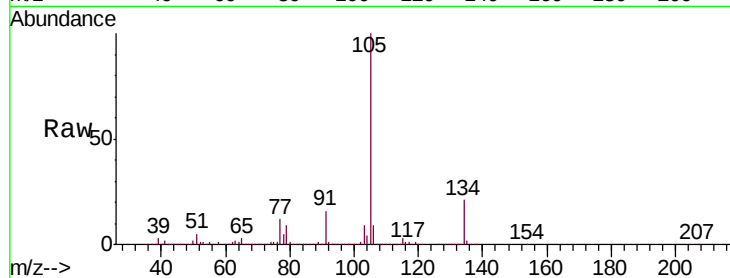
VSTDIC200

Tgt Ion:105 Resp: 3126828

Ion Ratio Lower Upper

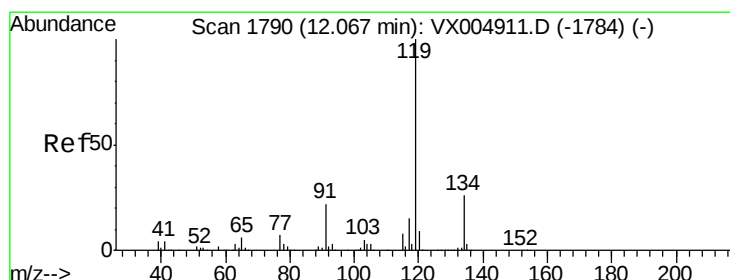
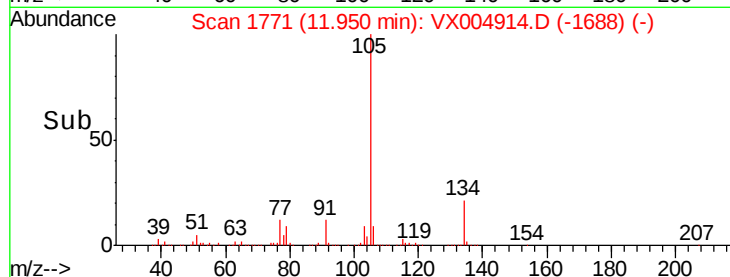
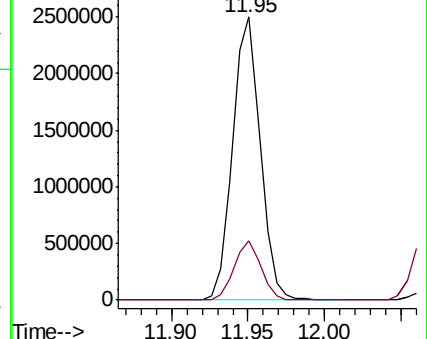
105 100

134 20.4 0.0 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 210.584 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

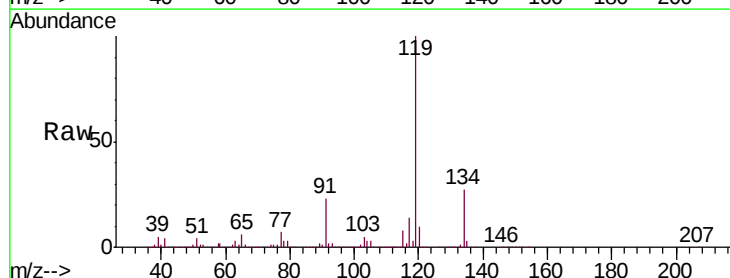
Tgt Ion:119 Resp: 2836442

Ion Ratio Lower Upper

119 100

134 26.7 0.0 52.8

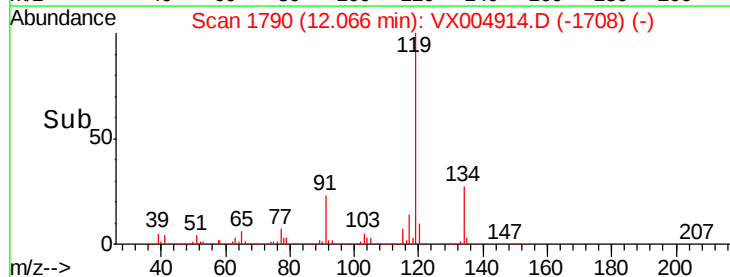
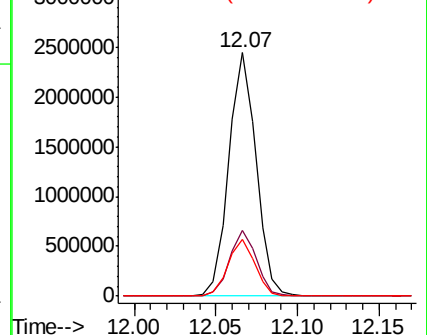
91 23.0 0.0 45.8

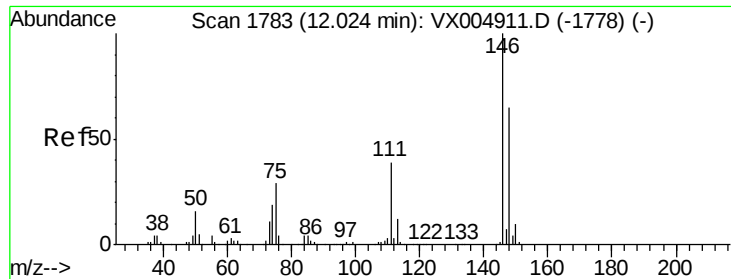


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

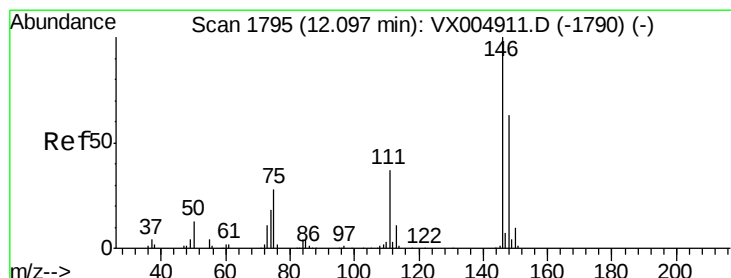
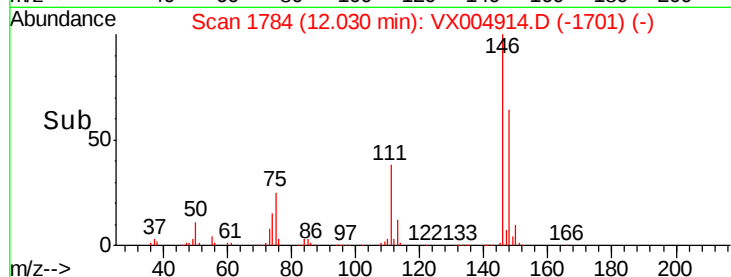
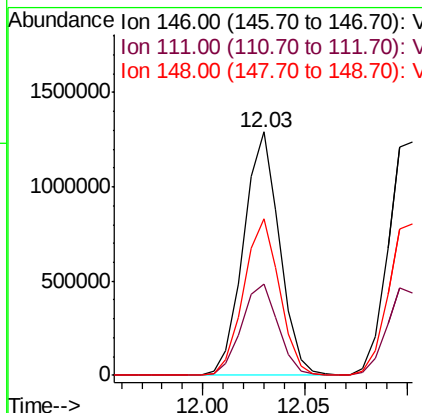
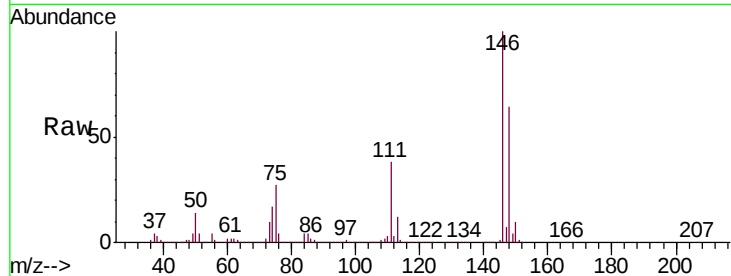




#83
 1,3-Dichlorobenzene
 Concen: 211.176 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

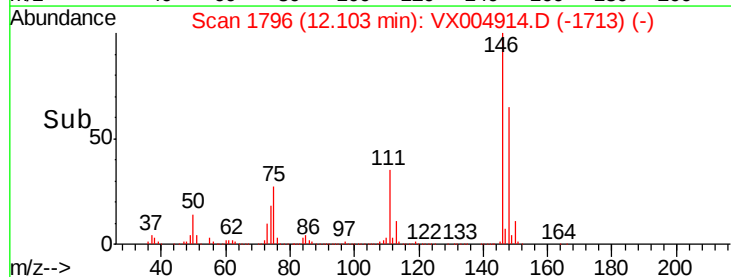
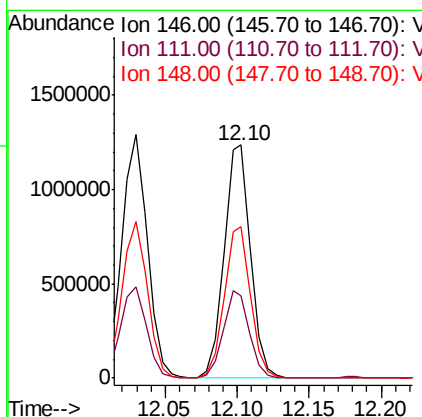
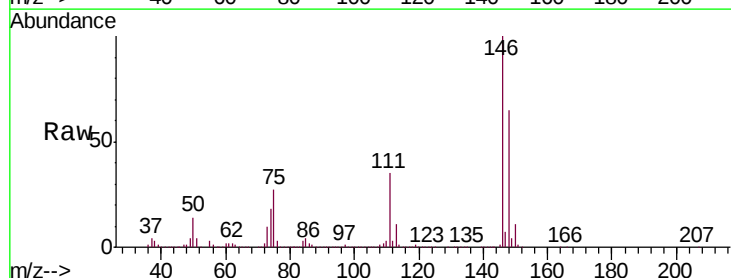
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC200

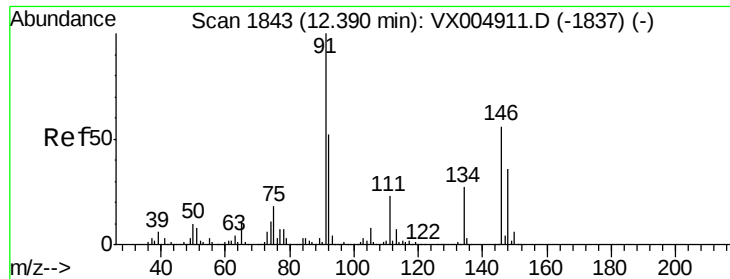
Tgt Ion:146 Resp: 1578952
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.3 57.8
 148 64.0 32.4 97.2



#84
 1,4-Dichlorobenzene
 Concen: 210.640 ug/l
 RT: 12.10 min Scan# 1796
 Delta R.T. 0.01 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Tgt Ion:146 Resp: 1598272
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.1 54.4
 148 64.4 31.9 95.7

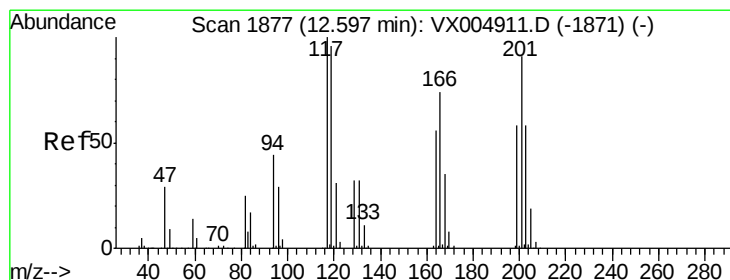
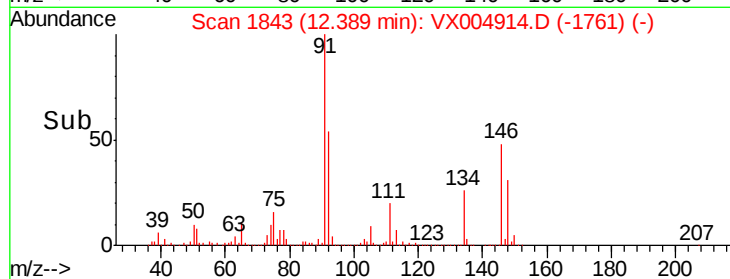
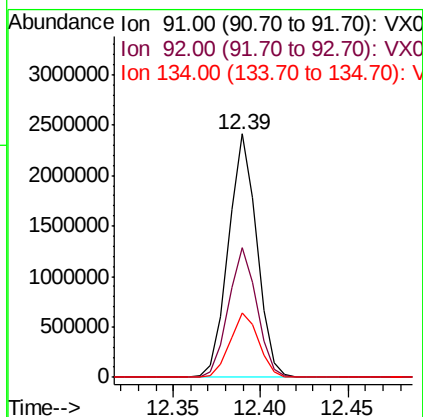
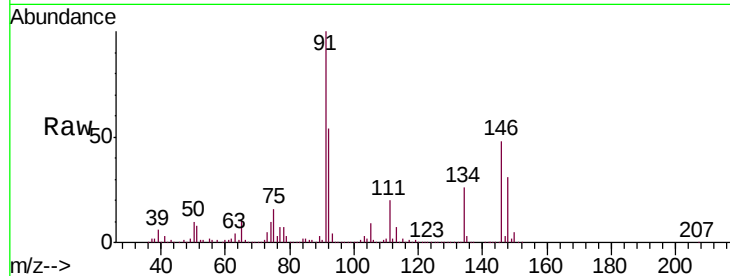




#85
n-Butylbenzene
Concen: 222.130 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

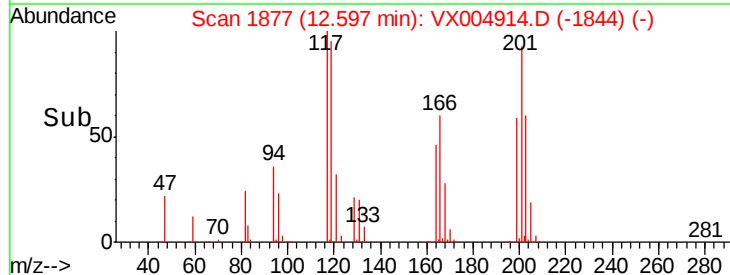
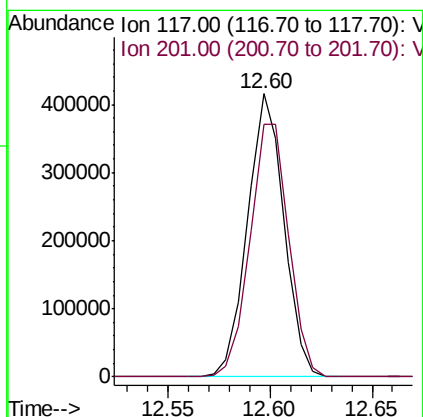
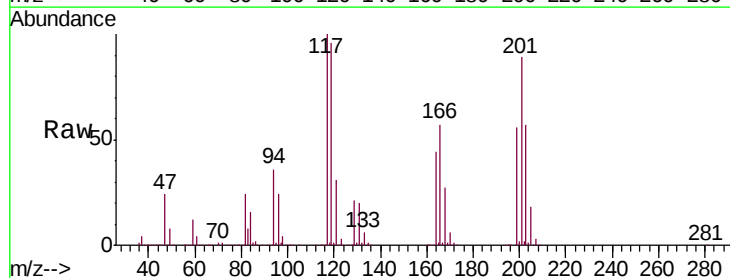
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

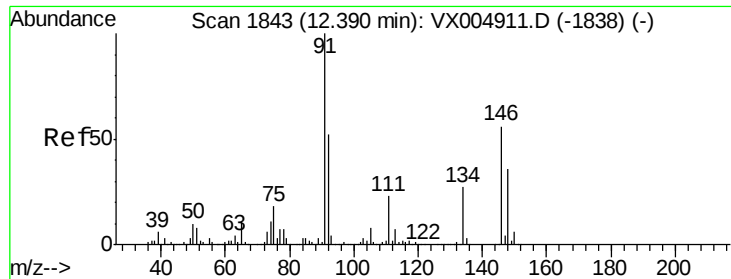
Tgt Ion: 91 Resp: 2717488
Ion Ratio Lower Upper
91 100
92 53.2 0.0 103.6
134 26.8 0.0 52.2



#86
Hexachloroethane
Concen: 232.609 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion: 117 Resp: 516081
Ion Ratio Lower Upper
117 100
201 95.2 47.1 141.4





#87

1,2-Dichlorobenzene

Concen: 212.545 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC200

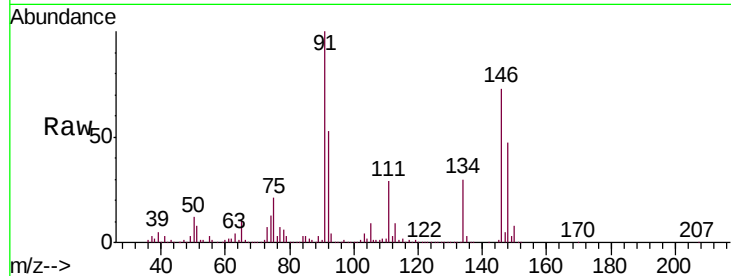
Tgt Ion:146 Resp: 1615469

Ion Ratio Lower Upper

146 100

111 40.0 19.6 58.7

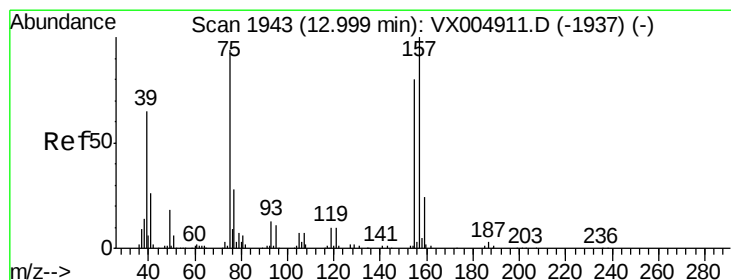
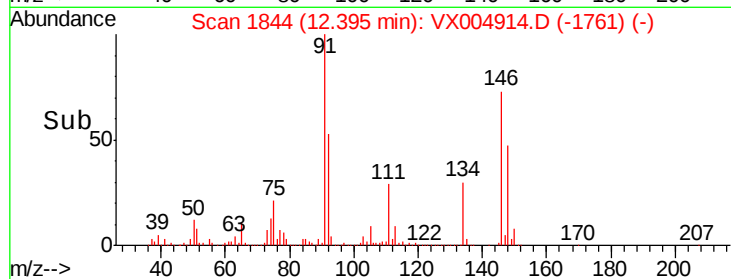
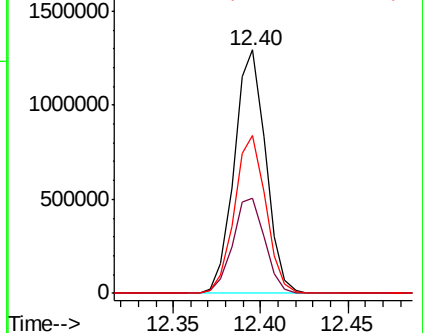
148 64.6 31.9 95.9



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: 221.266 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

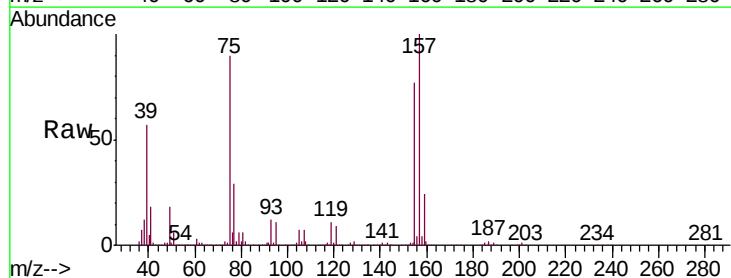
Tgt Ion: 75 Resp: 279349

Ion Ratio Lower Upper

75 100

155 93.1 71.6 107.4

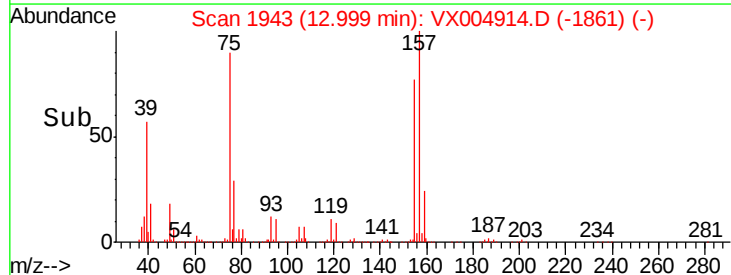
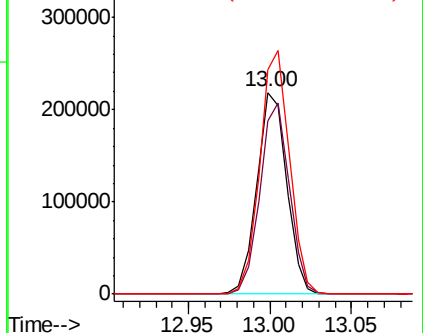
157 119.7 91.3 136.9

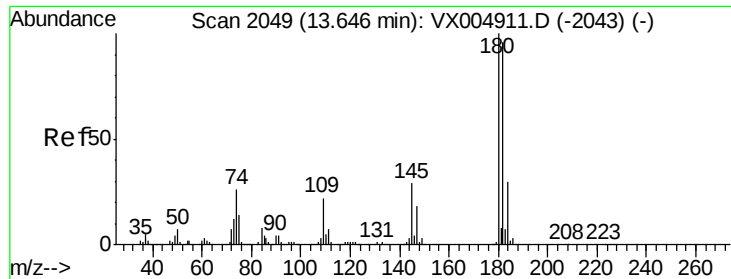


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

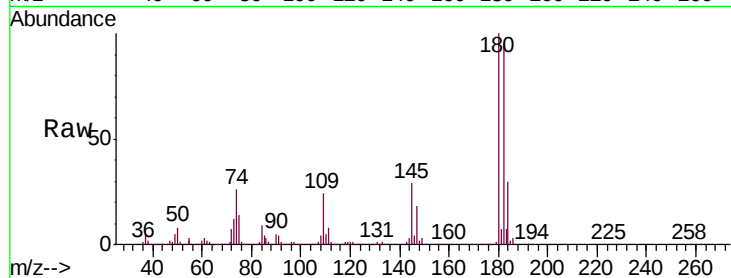




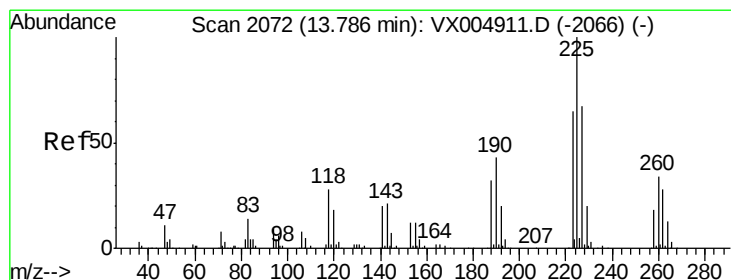
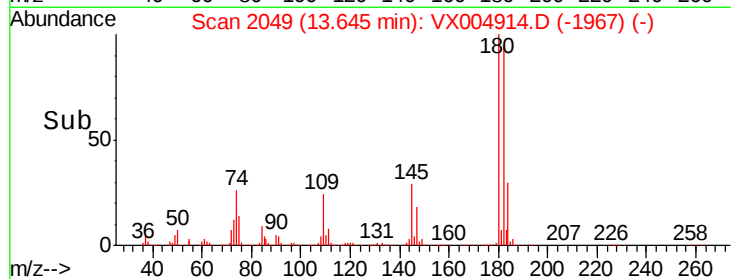
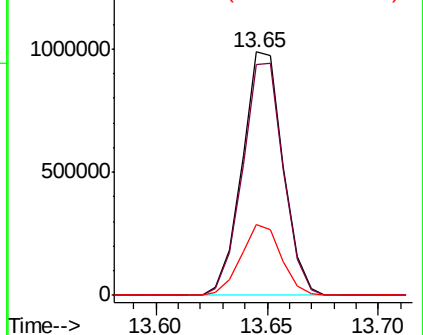
#89
1,2,4-Trichlorobenzene
Concen: 222.705 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC200

Tgt Ion:180 Resp: 1262704
Ion Ratio Lower Upper
180 100
182 95.6 76.8 115.2
145 28.4 22.6 33.8

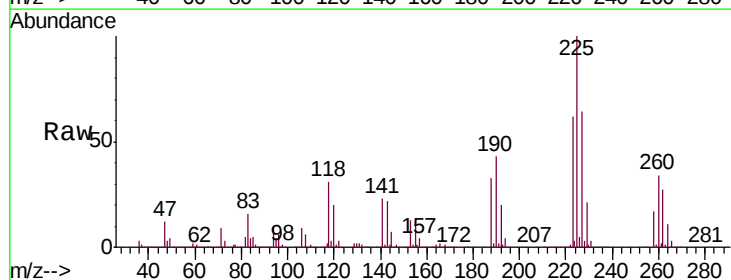


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

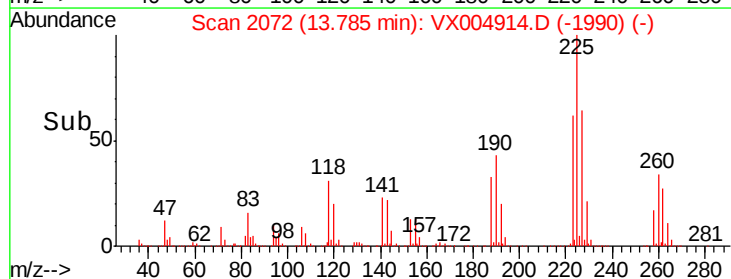
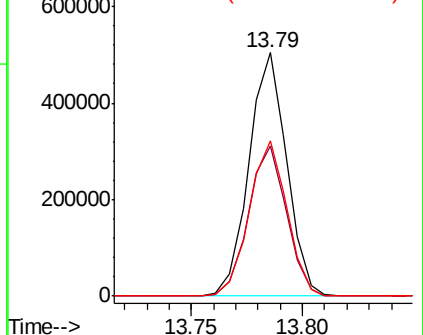


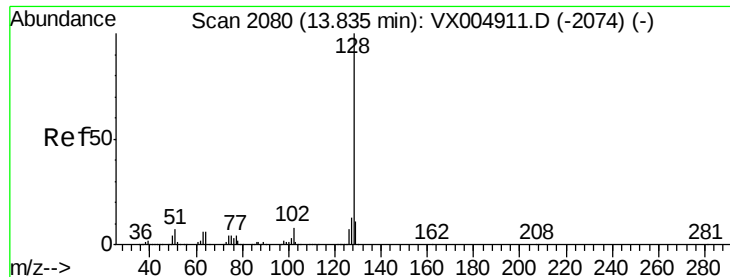
#90
Hexachlorobutadiene
Concen: 212.540 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion:225 Resp: 594924
Ion Ratio Lower Upper
225 100
223 62.3 0.0 126.6
227 63.9 0.0 129.6



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

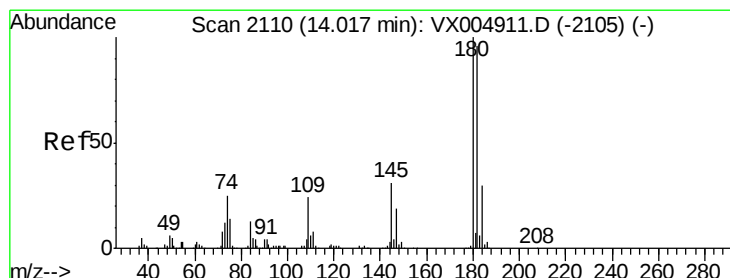
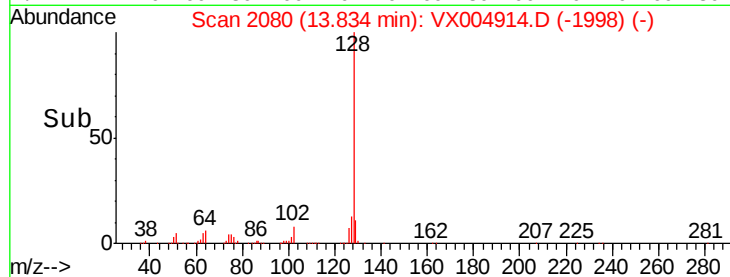
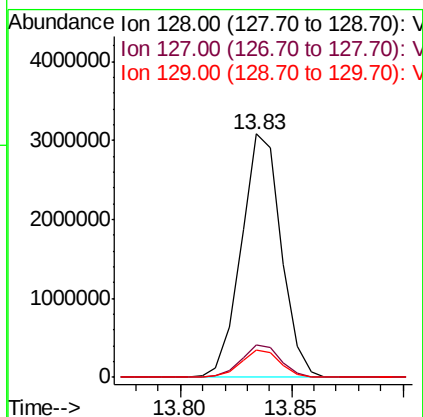
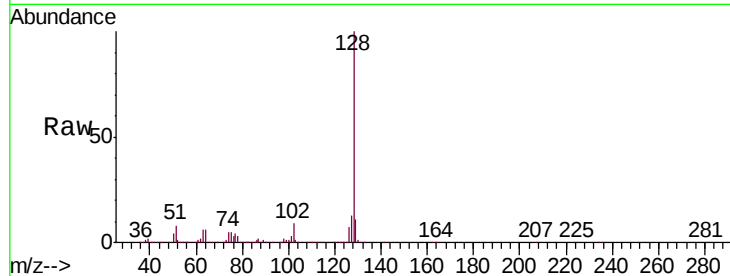




#91
Naphthalene
Concen: 218.501 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC200

Tgt Ion:128 Resp: 3852120
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.1 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 214.513 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion:180 Resp: 1247163
Ion Ratio Lower Upper
180 100
182 95.8 0.0 192.2
145 30.0 0.0 60.4

