

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
 Data File : VX004723.D
 Acq On : 26 Sep 2018 12:25
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 26 13:19:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 13:18:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	325159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	472295	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	392694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214026	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	91776	18.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.96%	
35) Dibromofluoromethane	5.50	113	71929	17.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.30%	
50) Toluene-d8	8.71	98	260407	20.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.68%	
62) 4-Bromofluorobenzene	11.14	95	82775	18.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	90359	17.316	ug/l	98
3) Chloromethane	1.32	50	106032	18.437	ug/l	98
4) Vinyl Chloride	1.40	62	97112	17.974	ug/l	95
5) Bromomethane	1.64	94	58668	18.897	ug/l	99
6) Chloroethane	1.72	64	61997	20.979	ug/l	100
7) Trichlorofluoromethane	1.93	101	129418	18.713	ug/l	98
8) Diethyl Ether	2.19	74	46068	17.496	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	2.38	101	66023	19.153	ug/l	98
10) Methyl Iodide	2.51	142	93298	16.710	ug/l	97
11) Tert butyl alcohol	3.07	59	124766	94.860	ug/l	100
12) 1,1-Dichloroethene	2.37	96	69424	20.357	ug/l	98
13) Acrolein	2.29	56	93028	102.942	ug/l	95
14) Allyl chloride	2.73	41	138941	17.495	ug/l	99
15) Acrylonitrile	3.15	53	257793	86.069	ug/l	90
16) Acetone	2.45	43	266591	94.362	ug/l	94
17) Carbon Disulfide	2.57	76	204086	18.751	ug/l	99
18) Methyl Acetate	2.78	43	128366	18.660	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	242286	20.203	ug/l	99
20) Methylene Chloride	2.85	84	74114	16.549	ug/l	# 84
21) trans-1,2-Dichloroethene	3.17	96	67838	16.910	ug/l	98
22) Diisopropyl ether	3.87	45	239105	17.859	ug/l	95
23) Vinyl Acetate	3.82	43	1140815	89.811	ug/l	96
24) 1,1-Dichloroethane	3.70	63	135571	16.805	ug/l	99
25) 2-Butanone	4.70	43	395961	96.404	ug/l	96
26) 2,2-Dichloropropane	4.58	77	102170	19.063	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	82940	18.537	ug/l	98
28) Bromochloromethane	5.01	49	71615	20.228	ug/l	94
29) Tetrahydrofuran	5.16	42	232257	87.544	ug/l	98
30) Chloroform	5.21	83	141710	20.199	ug/l	98
31) Cyclohexane	5.57	56	110705	16.749	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	116548	19.439	ug/l	96
36) 1,1-Dichloropropene	5.80	75	99857	18.766	ug/l	96
37) Ethyl Acetate	4.86	43	129498	17.807	ug/l	98
38) Carbon Tetrachloride	5.78	117	104408	18.605	ug/l	98

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 ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	93807	17.196	ug/l	91
40) Benzene	6.14	78	334983	20.438	ug/l	94
41) Methacrylonitrile	5.06	41	75649	18.062	ug/l	96
42) 1,2-Dichloroethane	6.20	62	107129	18.214	ug/l	96
43) Isopropyl Acetate	6.46	43	185652	16.576	ug/l	97
44) Trichloroethene	7.21	130	71507	18.729	ug/l	81
45) 1,2-Dichloropropane	7.52	63	73978	18.866	ug/l	98
46) Dibromomethane	7.66	93	47572	19.462	ug/l	98
47) Bromodichloromethane	7.90	83	90903	19.420	ug/l	85
48) Methyl methacrylate	7.77	41	84297	17.445	ug/l	94
49) 1,4-Dioxane	7.76	88	40419	333.402	ug/l	89
51) 4-Methyl-2-Pentanone	8.65	43	603248	91.047	ug/l	96
52) Toluene	8.79	92	192130	20.391	ug/l	94
53) t-1,3-Dichloropropene	9.04	75	109724	18.616	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	105476	18.280	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	77717	18.900	ug/l	96
56) Ethyl methacrylate	9.18	69	116219	18.569	ug/l	98
57) 1,3-Dichloropropane	9.37	76	132215	18.799	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.32	63	288146	86.131	ug/l	96
59) 2-Hexanone	9.50	43	520812	88.046	ug/l	97
60) Dibromochloromethane	9.59	129	75167	16.731	ug/l	100
61) 1,2-Dibromoethane	9.67	107	83616	17.909	ug/l	97
64) Tetrachloroethene	9.34	164	81829	20.794	ug/l	90
65) Chlorobenzene	10.14	112	205041	20.761	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	67537	19.578	ug/l	96
67) Ethyl Benzene	10.26	91	318648	20.175	ug/l	99
68) m/p-Xylenes	10.36	106	266005	41.170	ug/l	99
69) o-Xylene	10.70	106	110850	18.962	ug/l	99
70) Styrene	10.71	104	194547	19.448	ug/l	98
71) Bromoform	10.86	173	53356	17.218	ug/l #	99
73) Isopropylbenzene	11.02	105	294795	19.595	ug/l	97
74) N-amyl acetate	10.90	43	136496	18.575	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	110491	20.416	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	120465	24.291	ug/l	91
77) Bromobenzene	11.26	156	84132	20.604	ug/l	93
78) n-propylbenzene	11.36	91	332479	19.112	ug/l	99
79) 2-Chlorotoluene	11.42	91	206593	19.785	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	247941	19.136	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	35435	21.508	ug/l	91
82) 4-Chlorotoluene	11.51	91	241612	19.454	ug/l	100
83) tert-Butylbenzene	11.77	119	233254	18.921	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	258189	19.368	ug/l	98
85) sec-Butylbenzene	11.94	105	286415	19.090	ug/l	99
86) p-Isopropyltoluene	12.07	119	260672	19.117	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	146595	19.369	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	150118	19.541	ug/l	98
89) n-Butylbenzene	12.39	91	224373	18.292	ug/l	97
90) Hexachloroethane	12.60	117	39042	19.123	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	150144	19.421	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23862	19.582	ug/l	93

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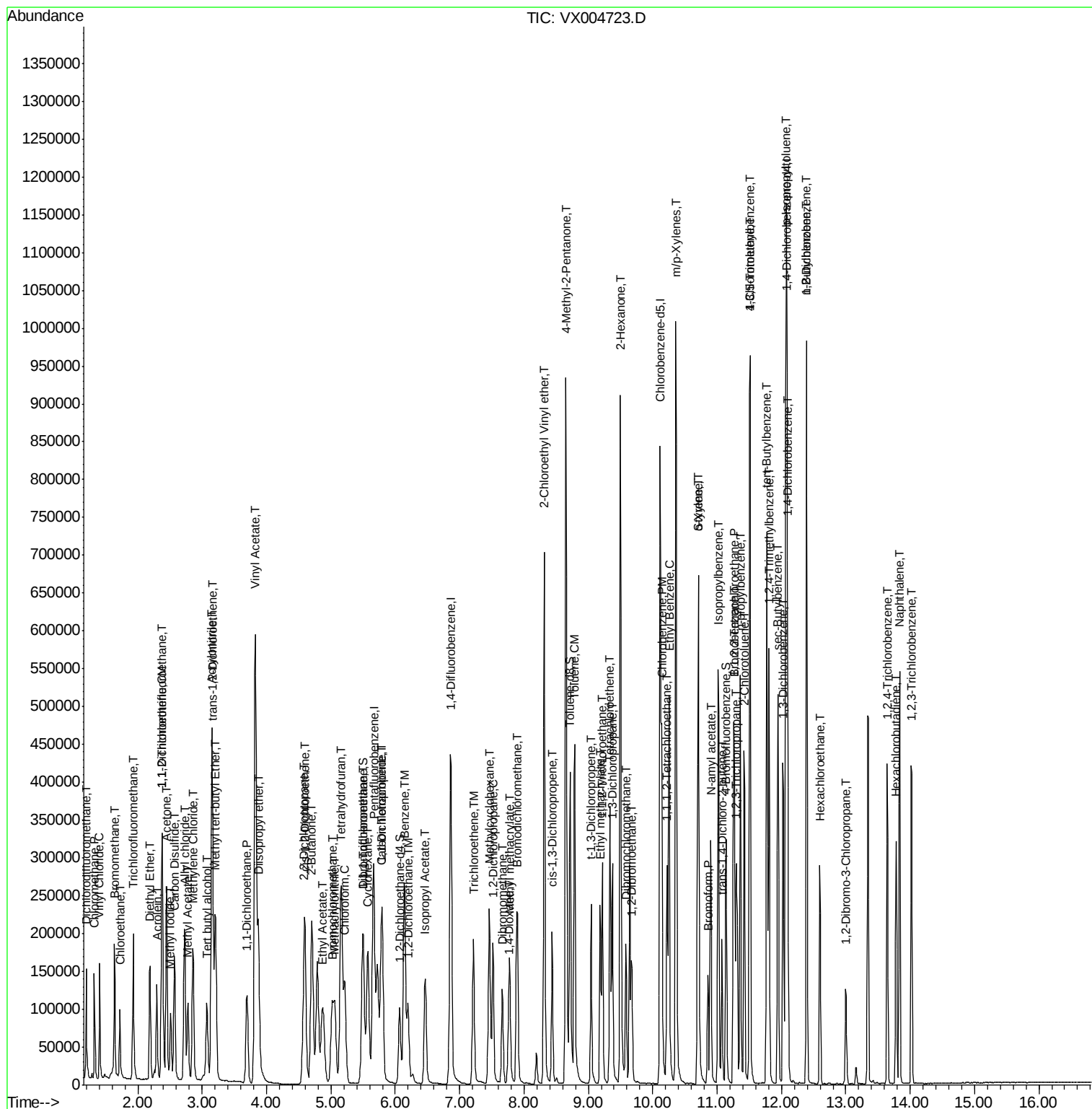
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Sep 26 13:19:23 2018
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	106759	18.790	ug/l	98
94) Hexachlorobutadiene	13.79	225	53273	19.537	ug/l	96
95) Naphthalene	13.83	128	327908	17.993	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	110031	18.794	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

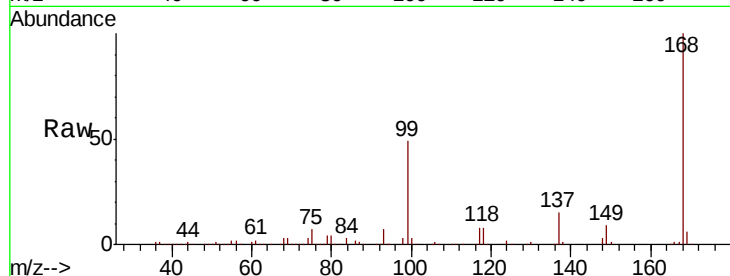
VSTDIC020

Tgt Ion:168 Resp: 325159

Ion Ratio Lower Upper

168 100

99 48.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

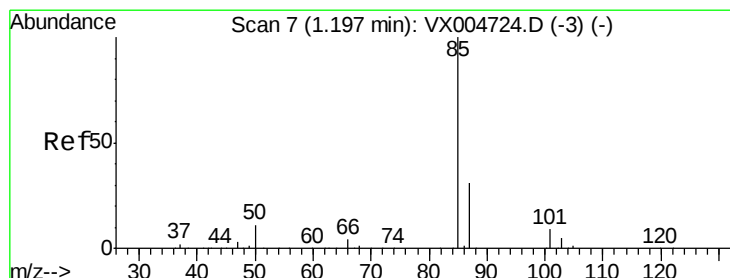
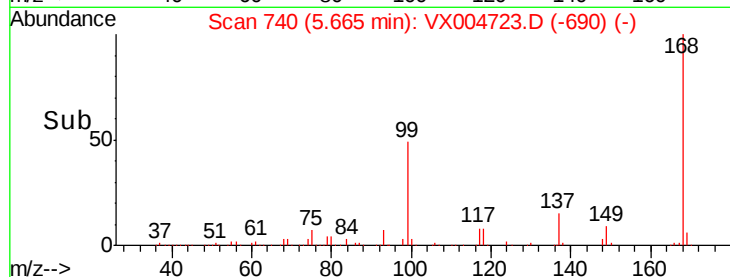
40000

20000

0

5.60 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.316 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004723.D

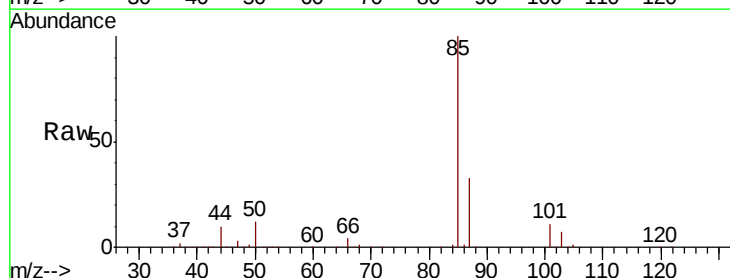
Acq: 26 Sep 2018 12:25

Tgt Ion: 85 Resp: 90359

Ion Ratio Lower Upper

85 100

87 32.7 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

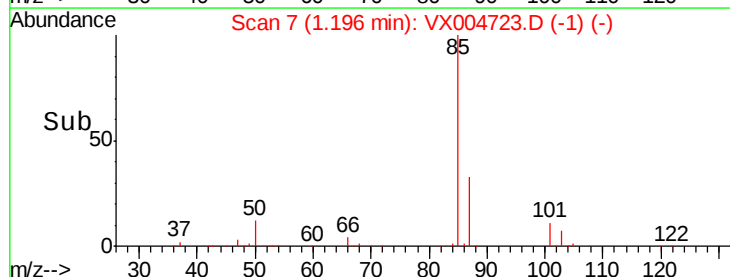
40000

20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.437 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

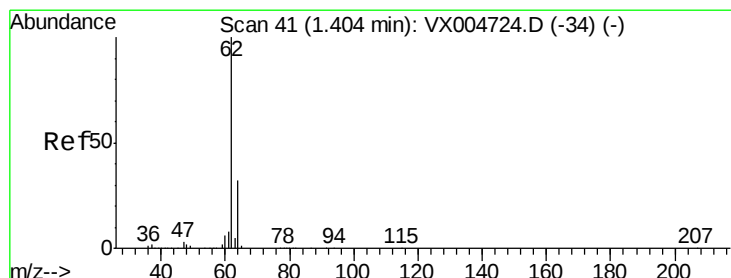
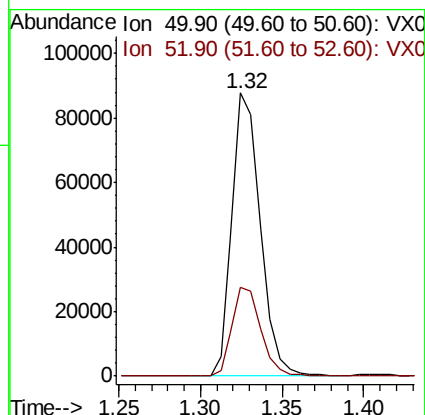
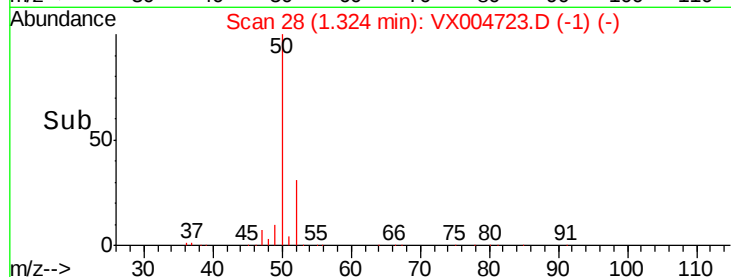
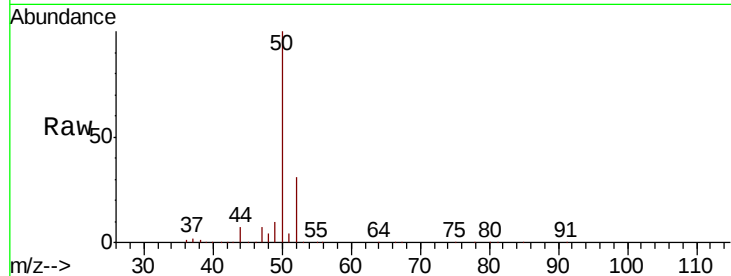
VSTDIC020

Tgt Ion: 50 Resp: 106032

Ion Ratio Lower Upper

50 100

52 31.5 26.2 39.2



#4

Vinyl Chloride

Concen: 17.974 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004723.D

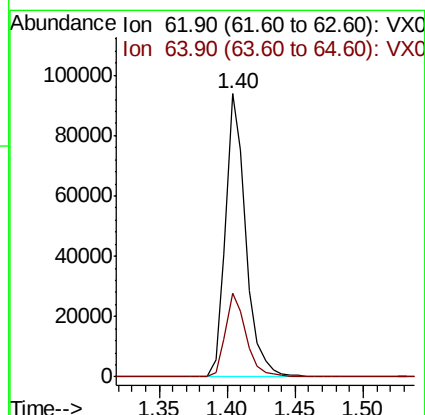
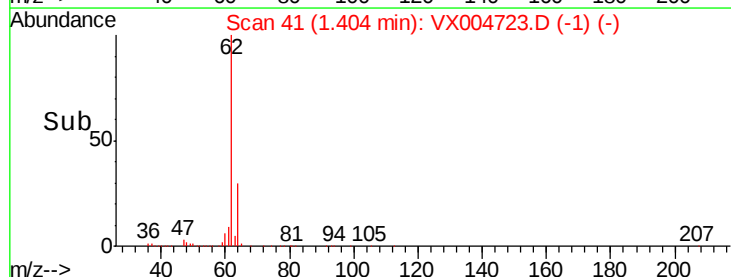
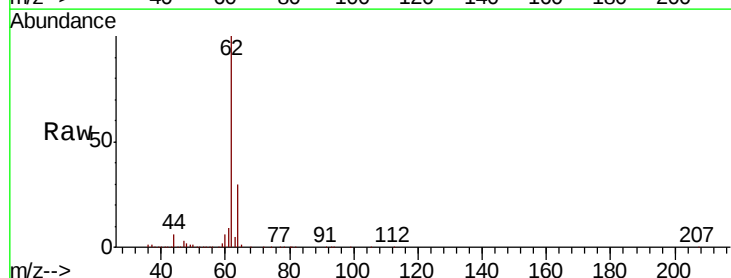
Acq: 26 Sep 2018 12:25

Tgt Ion: 62 Resp: 97112

Ion Ratio Lower Upper

62 100

64 29.6 25.8 38.8





#5

Bromomethane

Concen: 18.897 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

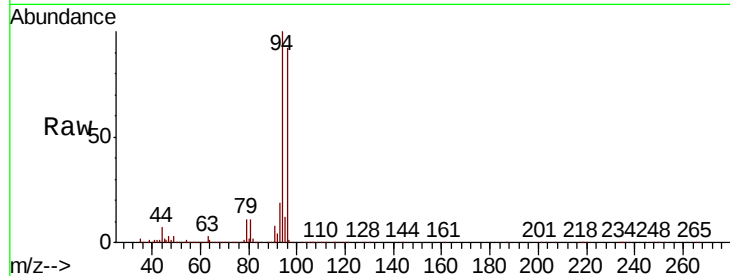
VSTDIC020

Tgt Ion: 94 Resp: 58668

Ion Ratio Lower Upper

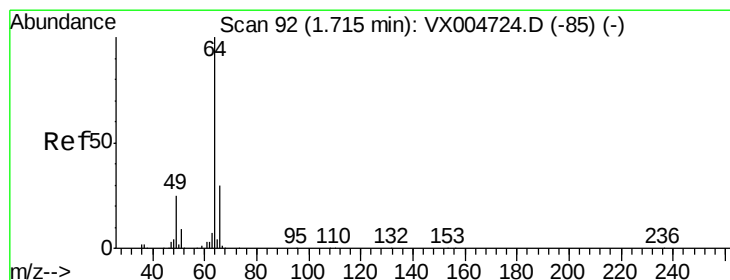
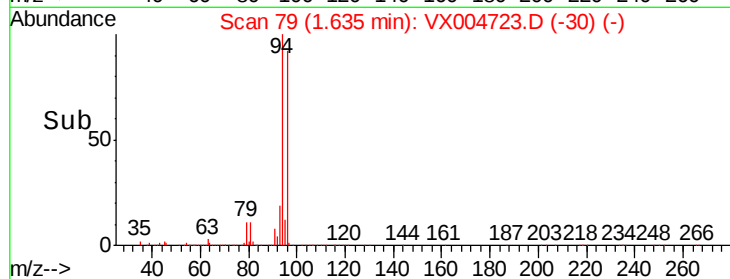
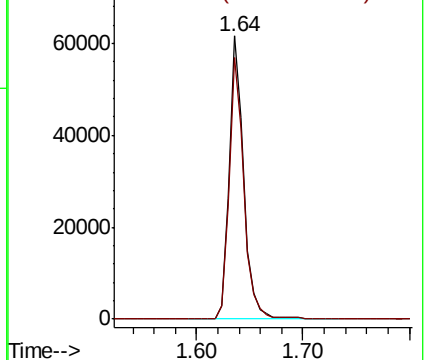
94 100

96 92.4 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.979 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004723.D

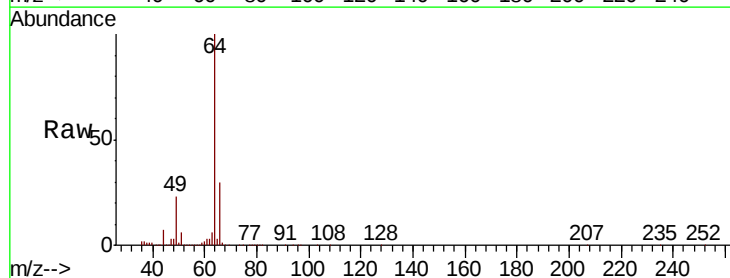
Acq: 26 Sep 2018 12:25

Tgt Ion: 64 Resp: 61997

Ion Ratio Lower Upper

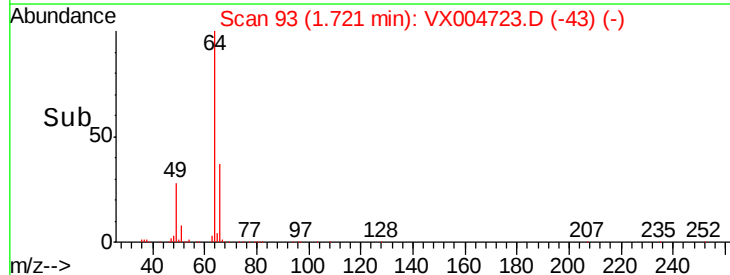
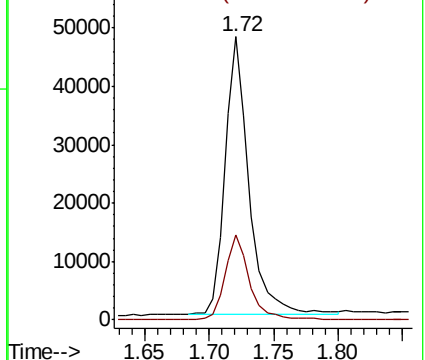
64 100

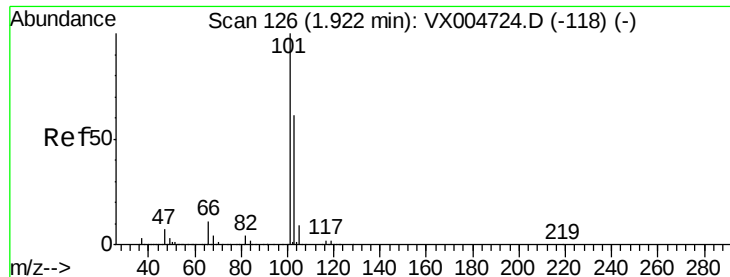
66 30.5 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



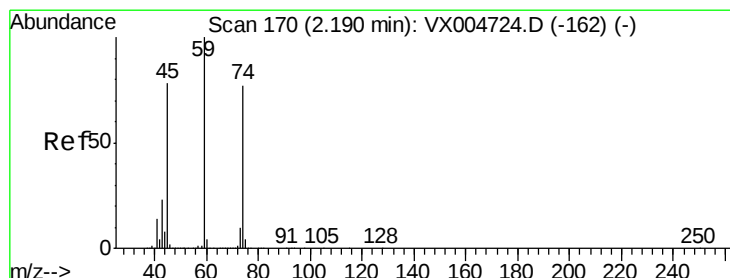
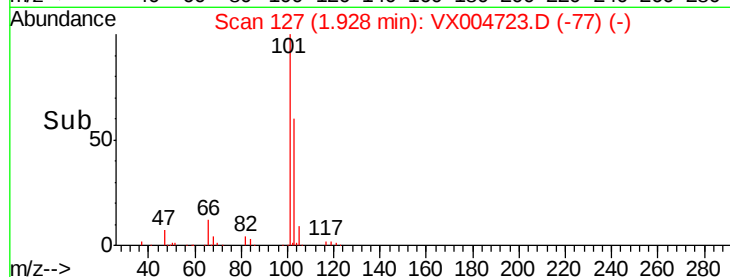
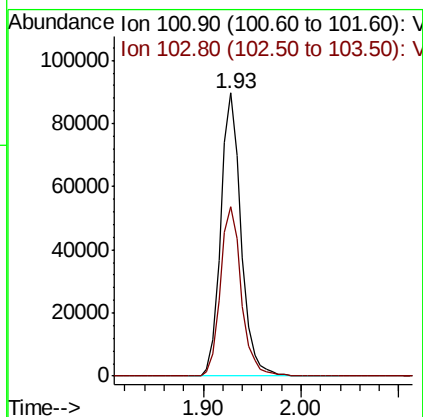
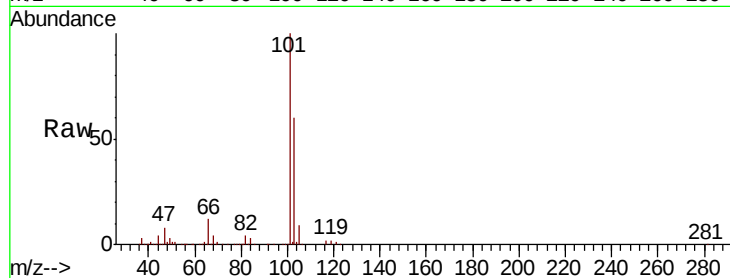


#7

Trichlorofluoromethane
 Concen: 18.713 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004723.D
 Acq: 26 Sep 2018 12:25

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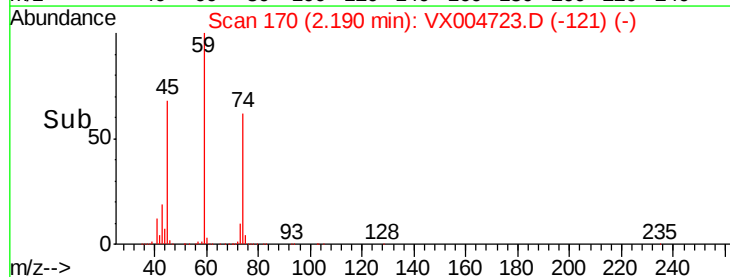
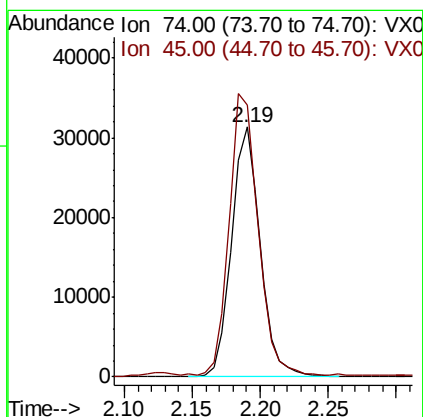
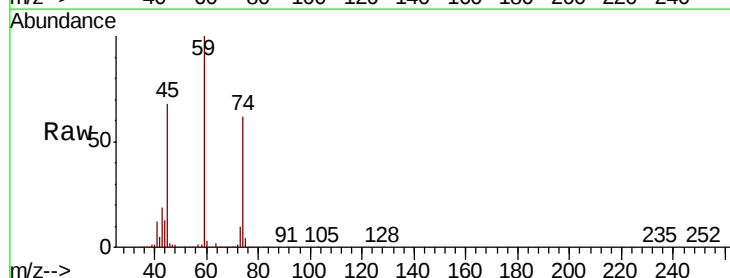
Tgt Ion: 101 Resp: 129418
 Ion Ratio Lower Upper
 101 100
 103 59.8 48.9 73.3

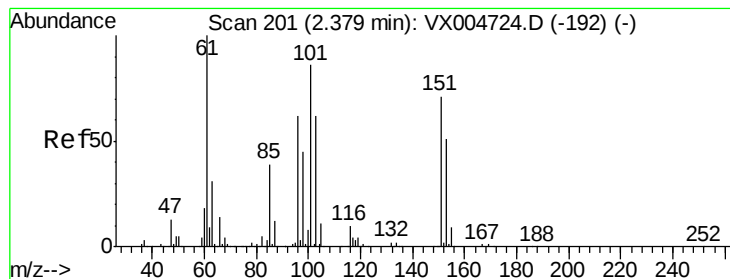


#8

Diethyl Ether
 Concen: 17.496 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004723.D
 Acq: 26 Sep 2018 12:25

Tgt Ion: 74 Resp: 46068
 Ion Ratio Lower Upper
 74 100
 45 114.1 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.153 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

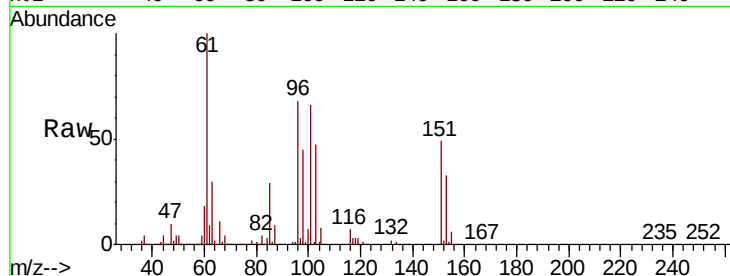
Tgt Ion:101 Resp: 66023

Ion Ratio Lower Upper

101 100

85 45.5 34.2 51.4

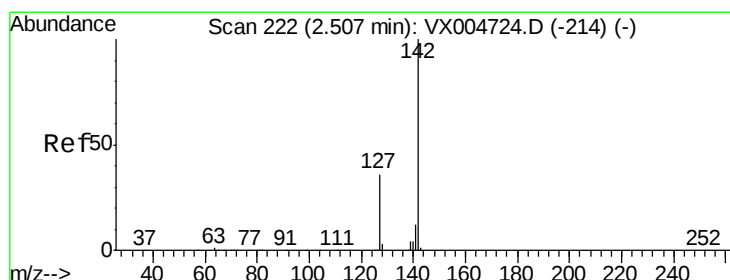
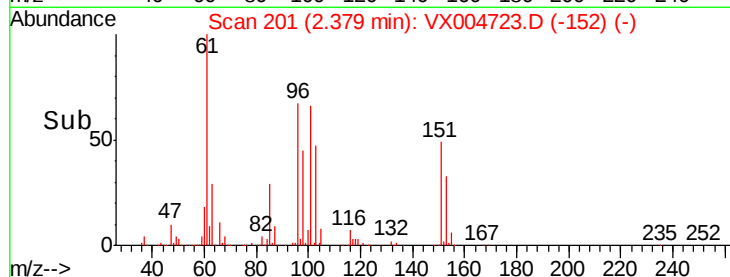
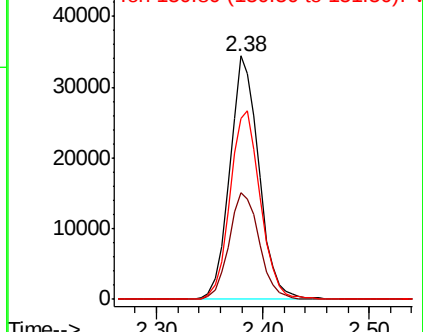
151 80.6 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.710 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

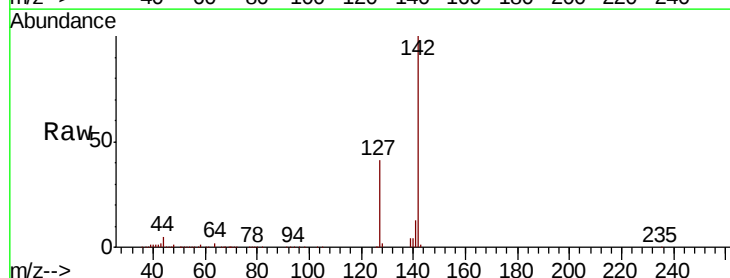
Tgt Ion:142 Resp: 93298

Ion Ratio Lower Upper

142 100

127 39.7 33.8 50.6

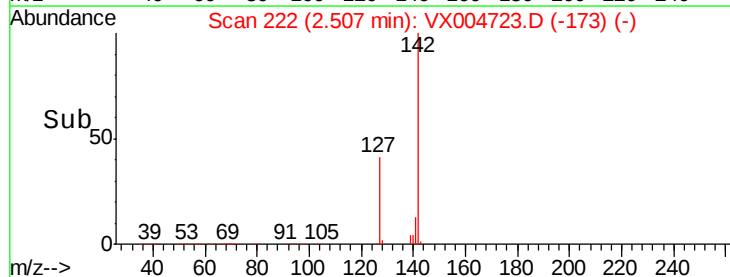
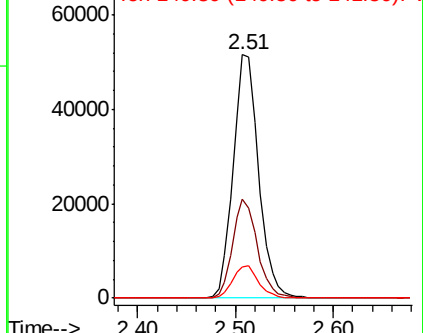
141 13.5 11.4 17.0

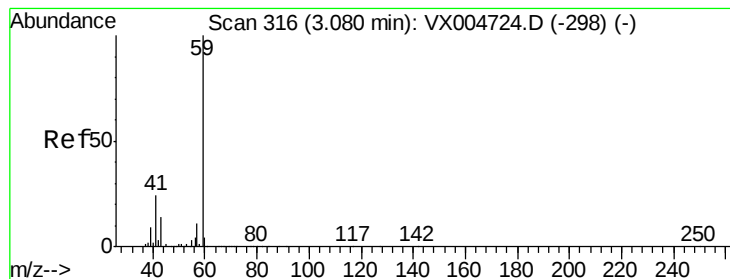


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 94.860 ug/l

RT: 3.07 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

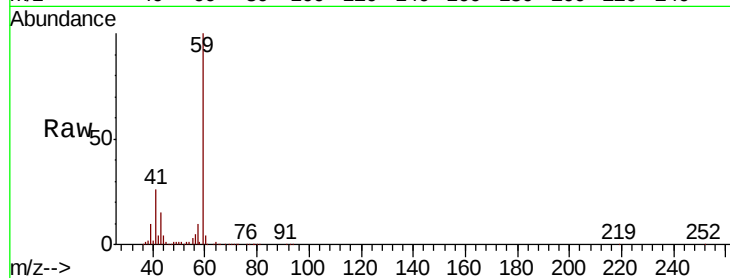
VSTDIC020

Tgt Ion: 59 Resp: 124766

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

60000

50000

40000

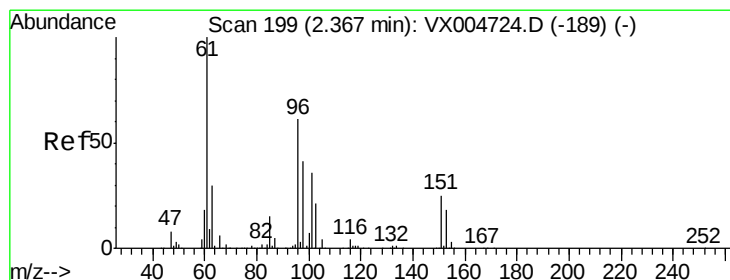
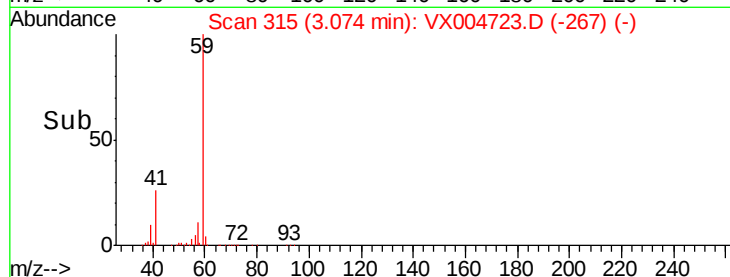
30000

20000

10000

0

Time--> 2.90 3.00 3.10



#12

1,1-Dichloroethene

Concen: 20.357 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

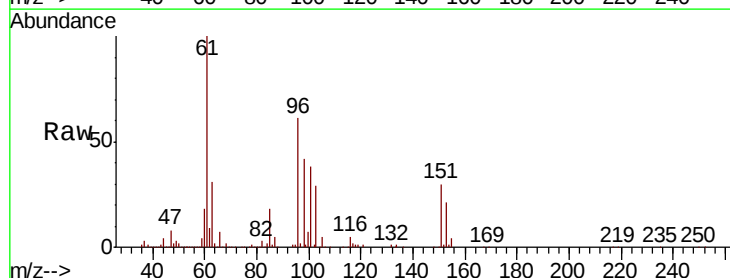
Tgt Ion: 96 Resp: 69424

Ion Ratio Lower Upper

96 100

61 162.9 128.8 193.2

98 69.0 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

80000

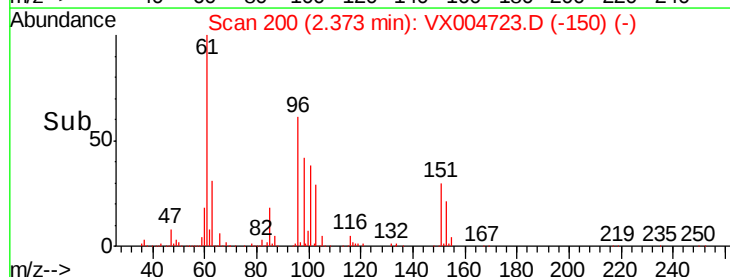
60000

40000

20000

0

Time--> 2.30 2.40 2.50





#13

Acrolein

Concen: 102.942 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

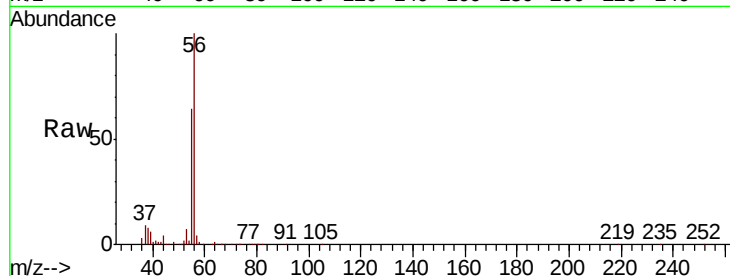
VSTDIC020

Tgt Ion: 56 Resp: 93028

Ion Ratio Lower Upper

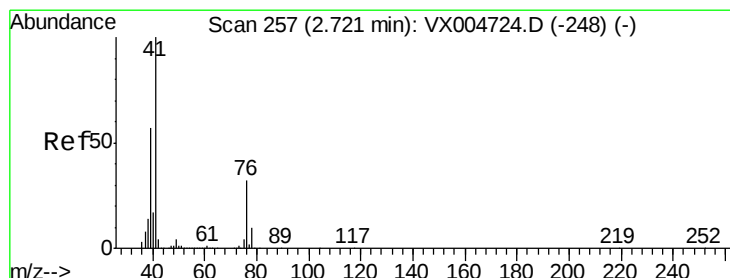
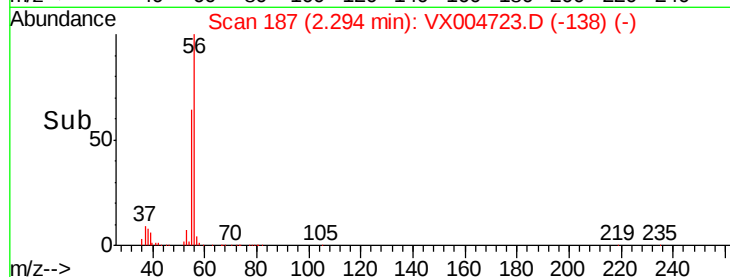
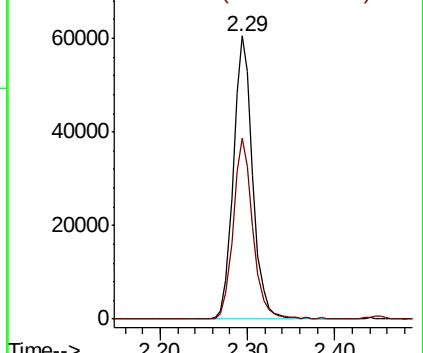
56 100

55 64.6 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.495 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

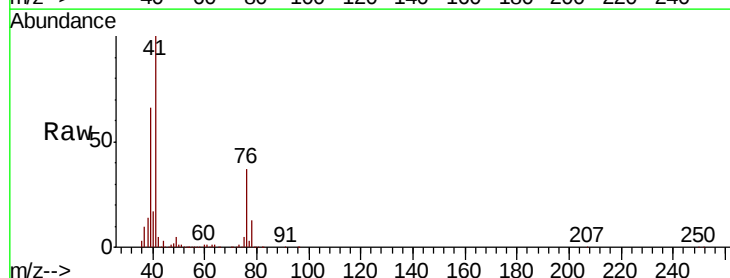
Tgt Ion: 41 Resp: 138941

Ion Ratio Lower Upper

41 100

39 60.7 48.9 73.3

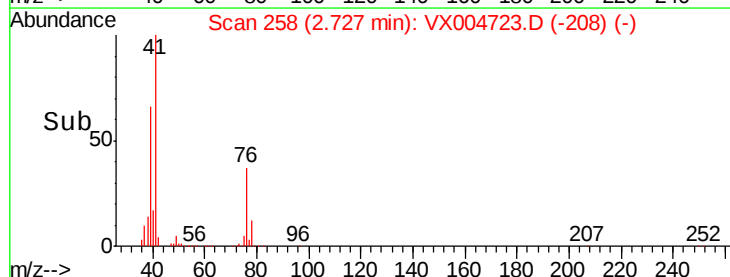
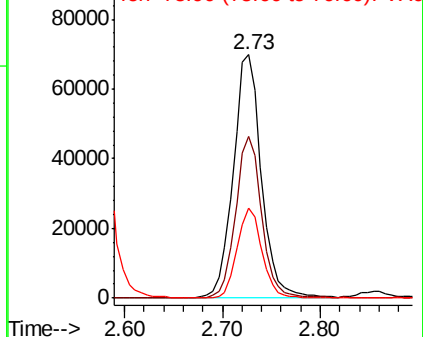
76 33.0 26.7 40.1

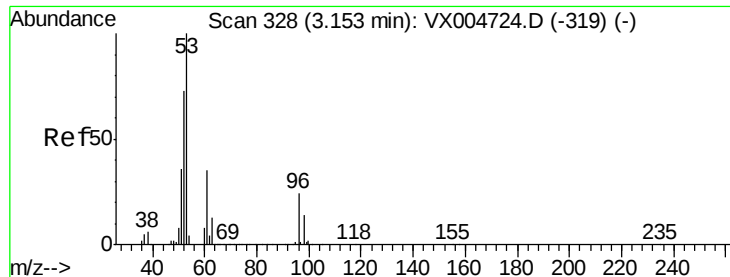


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 86.069 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

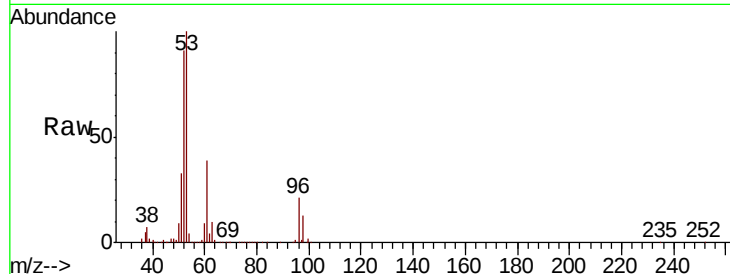
Tgt Ion: 53 Resp: 257793

Ion Ratio Lower Upper

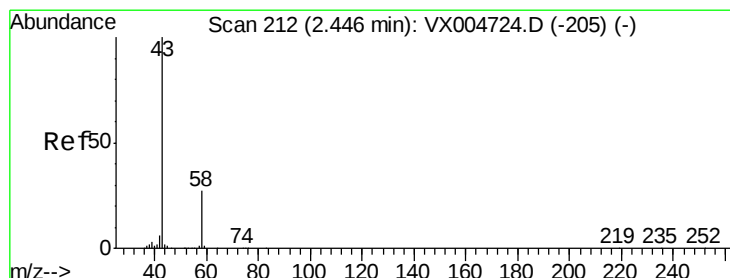
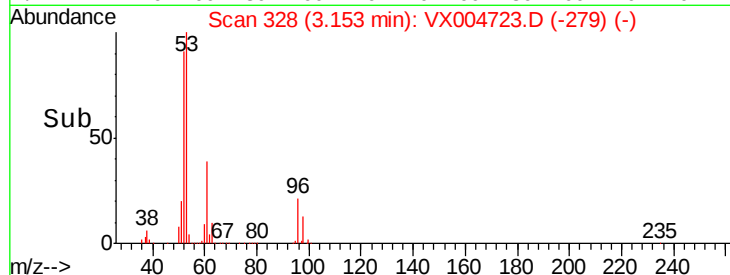
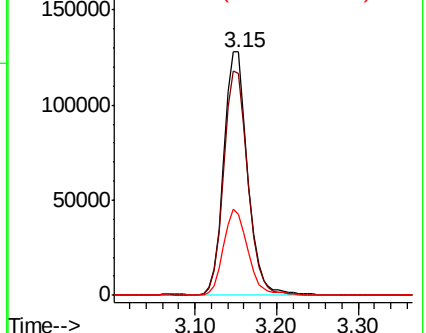
53 100

52 93.1 65.2 97.8

51 36.5 28.2 42.2



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



#16

Acetone

Concen: 94.362 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004723.D

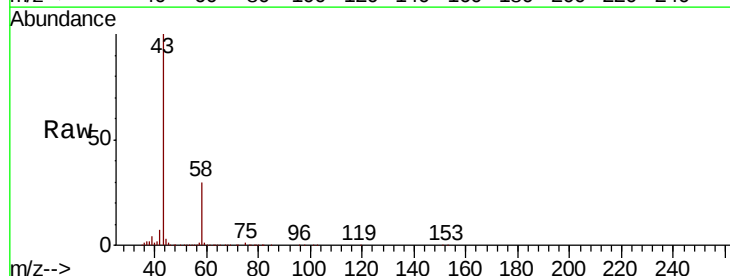
Acq: 26 Sep 2018 12:25

Tgt Ion: 43 Resp: 266591

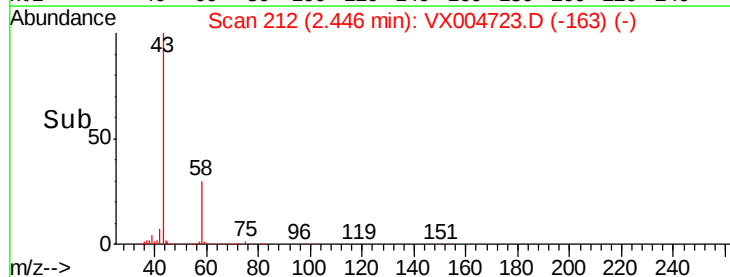
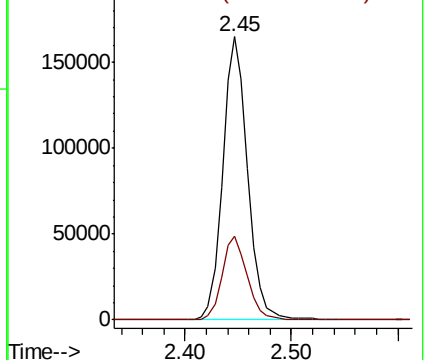
Ion Ratio Lower Upper

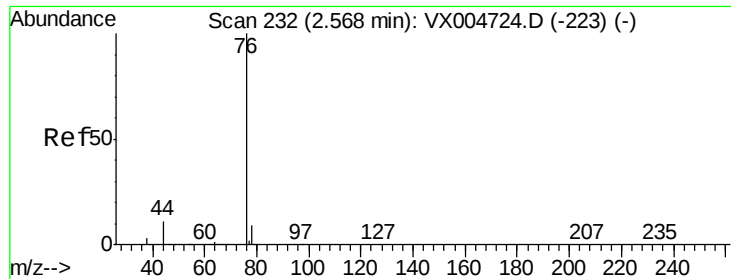
43 100

58 29.5 26.2 39.4



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

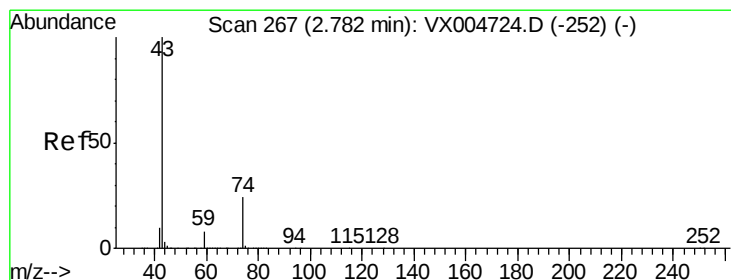
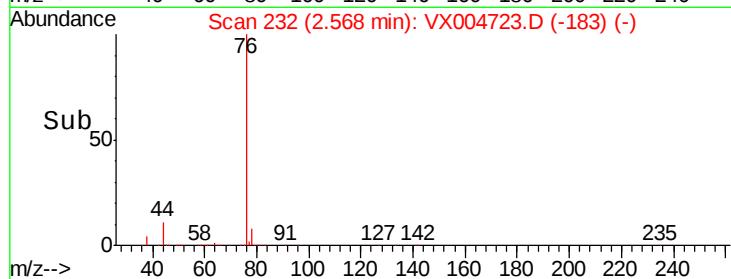
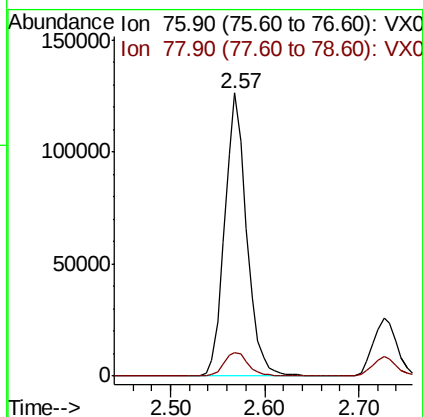
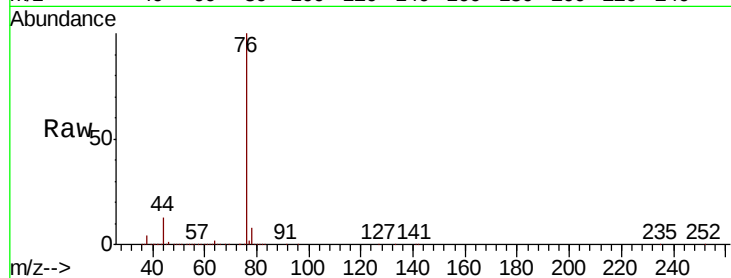




#17
Carbon Disulfide
Concen: 18.751 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004723.D
Acq: 26 Sep 2018 12:25

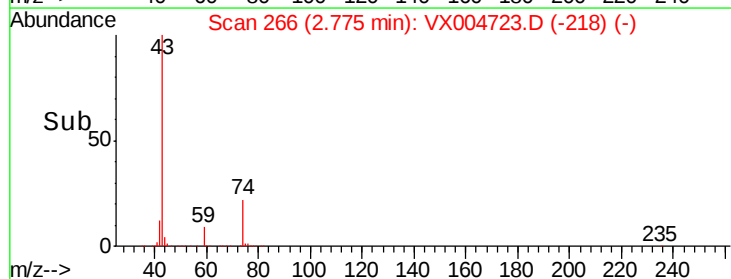
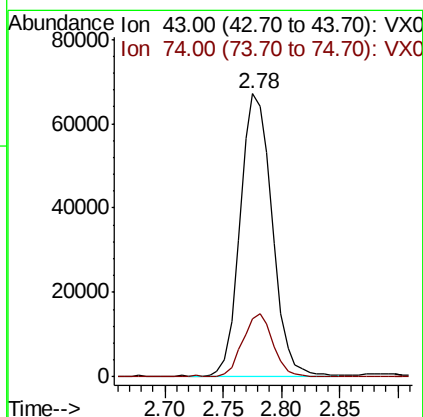
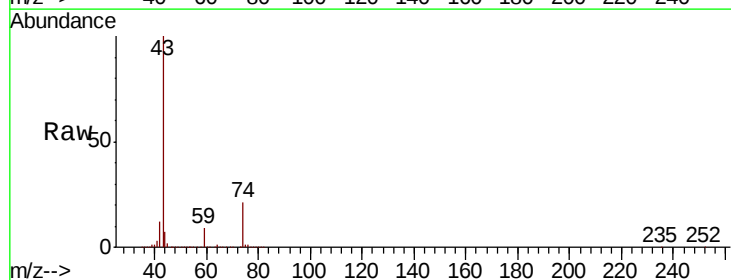
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

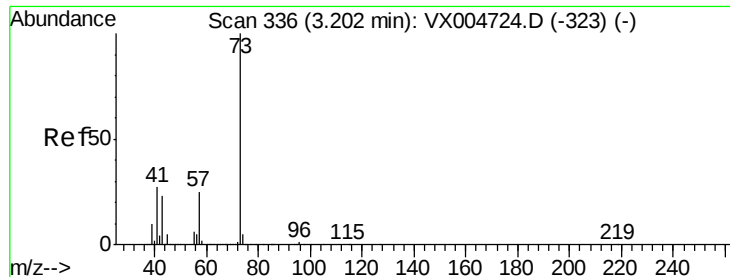
Tgt Ion: 76 Resp: 204086
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6



#18
Methyl Acetate
Concen: 18.660 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004723.D
Acq: 26 Sep 2018 12:25

Tgt Ion: 43 Resp: 128366
Ion Ratio Lower Upper
43 100
74 21.0 19.4 29.2



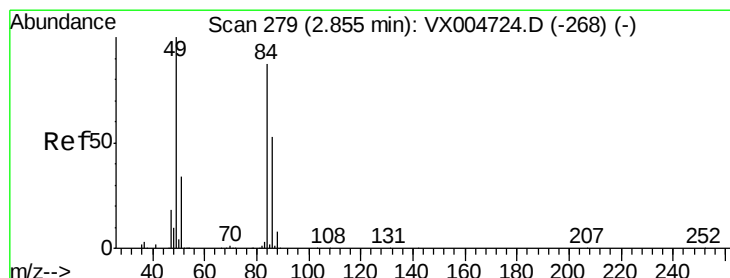
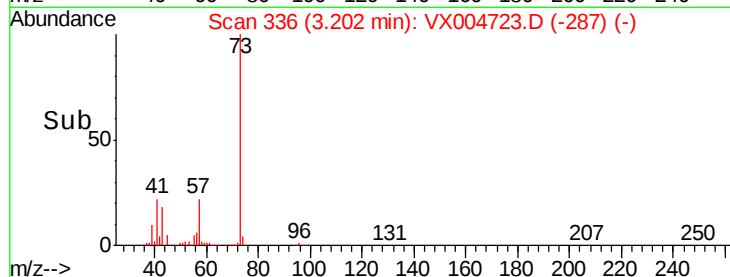
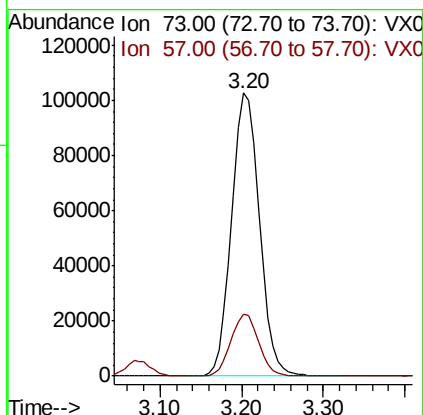
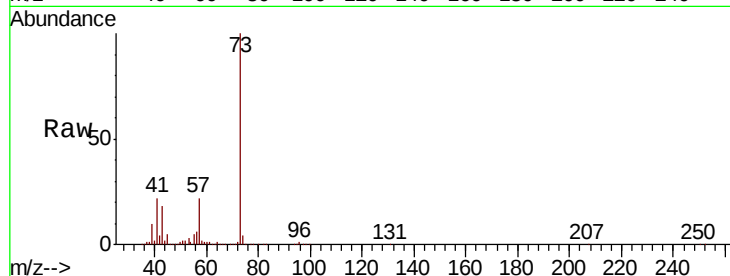


#19

Methyl tert-butyl Ether
 Concen: 20.203 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004723.D
 Acq: 26 Sep 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

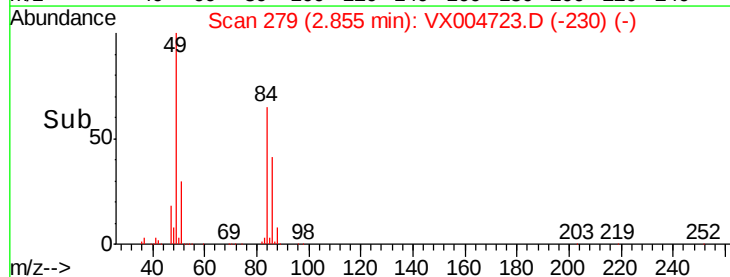
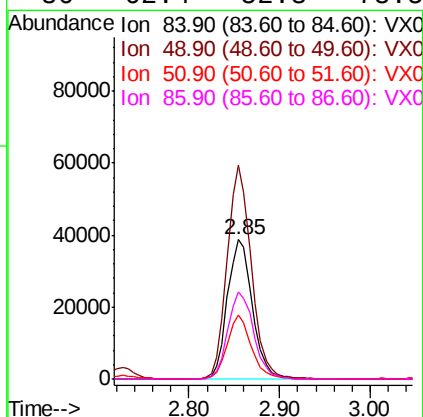
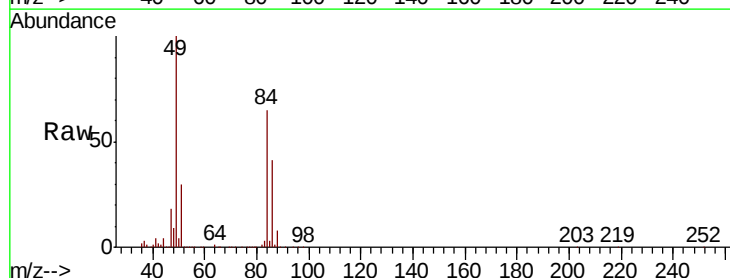
Tgt Ion: 73 Resp: 242286
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.1 25.7

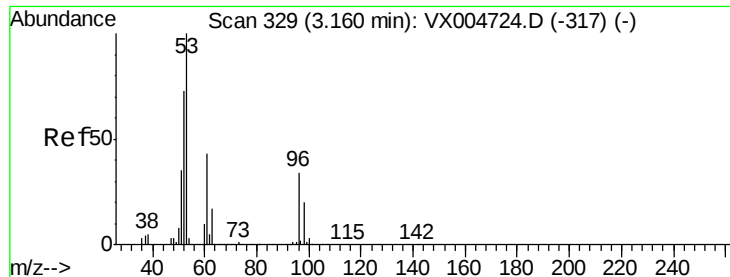


#20

Methylene Chloride
 Concen: 16.549 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004723.D
 Acq: 26 Sep 2018 12:25

Tgt Ion: 84 Resp: 74114
 Ion Ratio Lower Upper
 84 100
 49 153.3 101.2 151.8#
 51 46.0 29.5 44.3#
 86 62.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 16.910 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

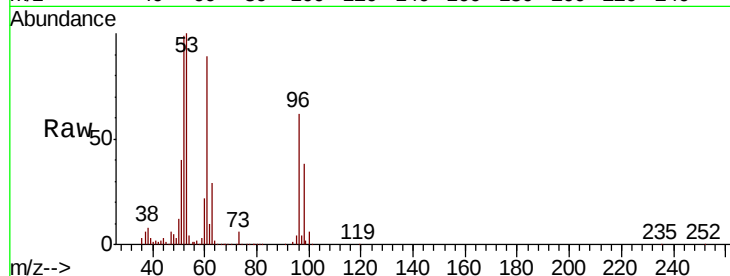
Tgt Ion: 96 Resp: 67838

Ion Ratio Lower Upper

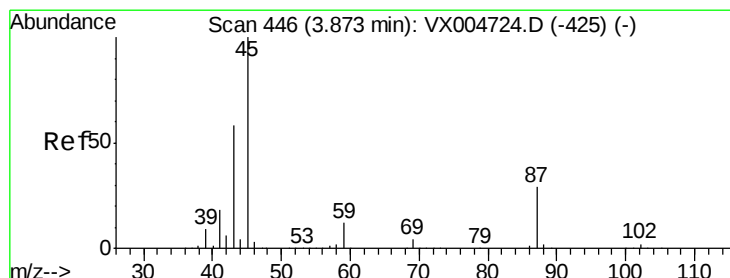
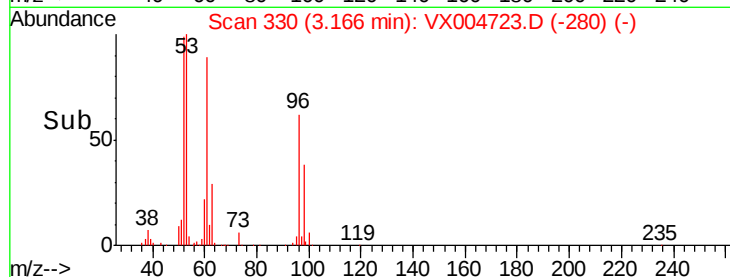
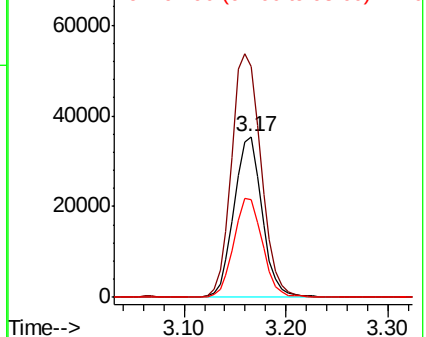
96 100

61 143.6 113.8 170.6

98 60.7 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.859 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Tgt Ion: 45 Resp: 239105

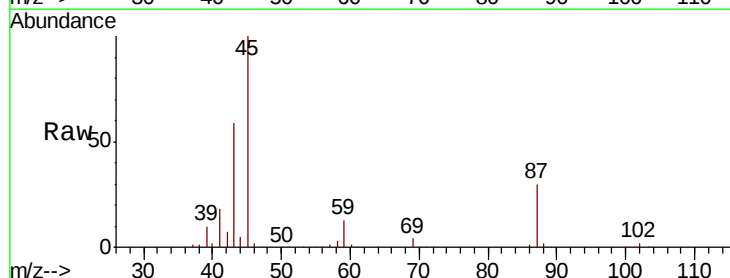
Ion Ratio Lower Upper

45 100

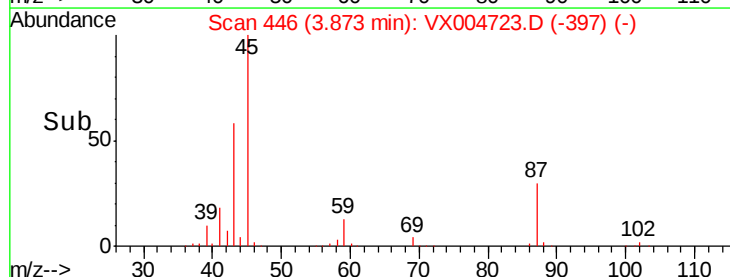
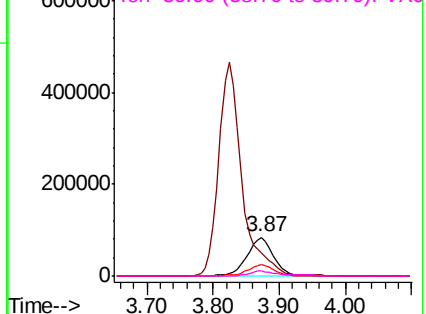
43 58.4 42.8 64.2

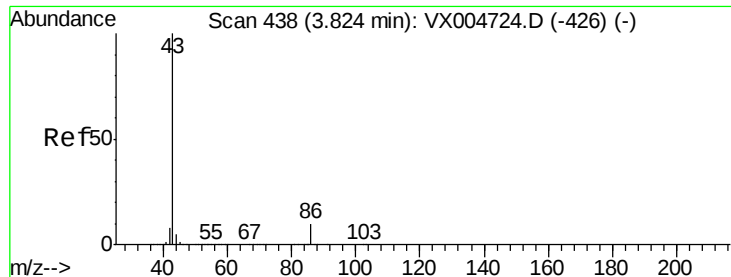
87 29.7 22.6 34.0

59 12.6 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 89.811 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

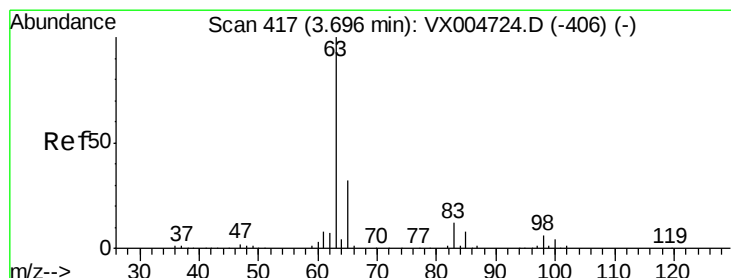
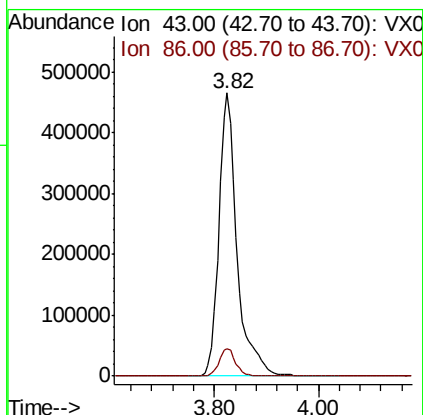
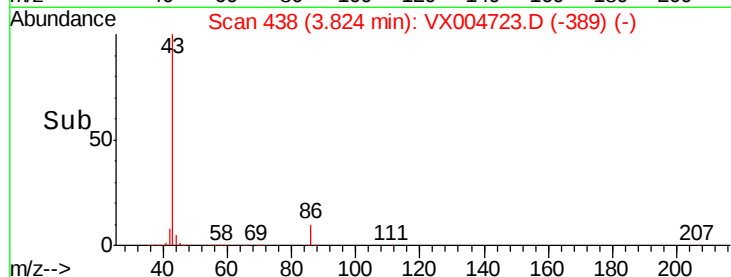
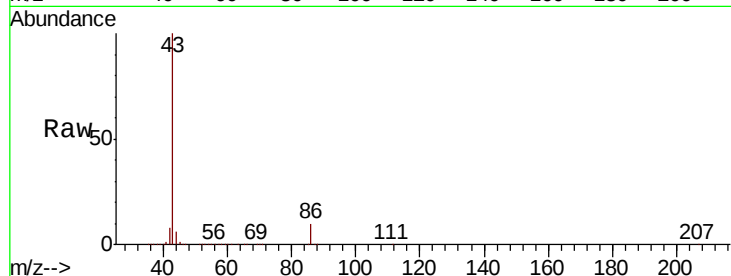
VSTDIC020

Tgt Ion: 43 Resp: 1140815

Ion Ratio Lower Upper

43 100

86 9.7 8.9 13.3



#24

1,1-Dichloroethane

Concen: 16.805 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

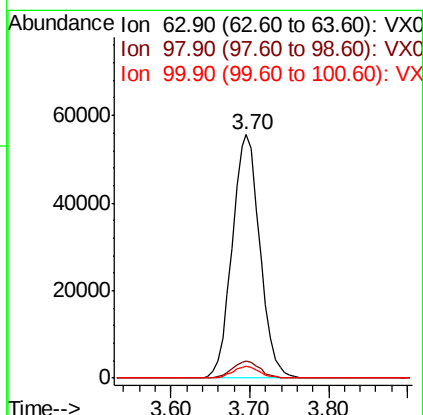
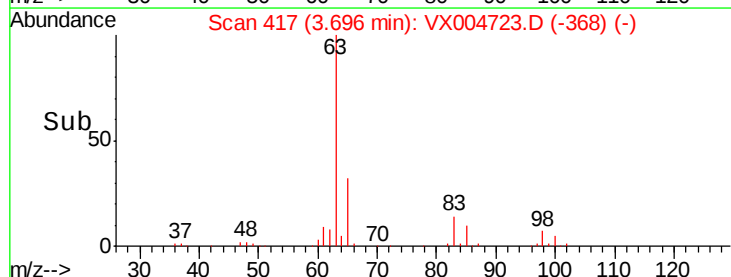
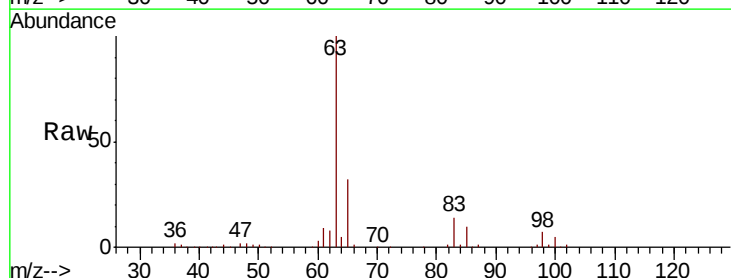
Tgt Ion: 63 Resp: 135571

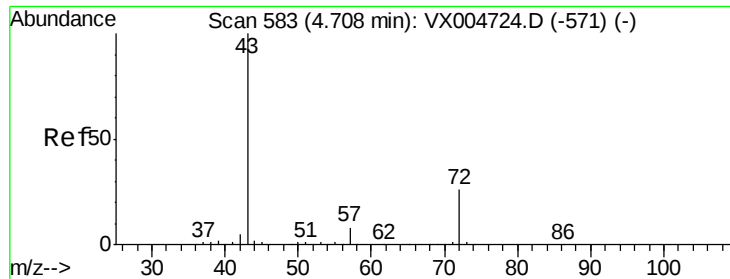
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 96.404 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

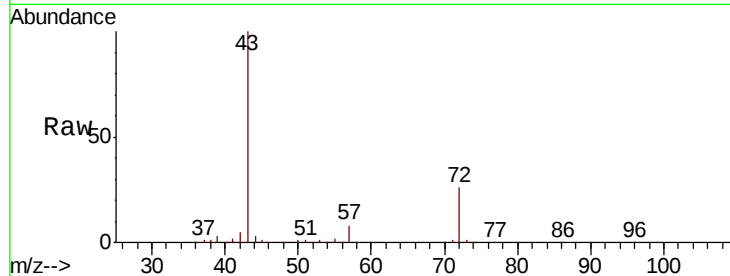
VSTDIC020

Tgt Ion: 43 Resp: 395961

Ion Ratio Lower Upper

43 100

72 25.7 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

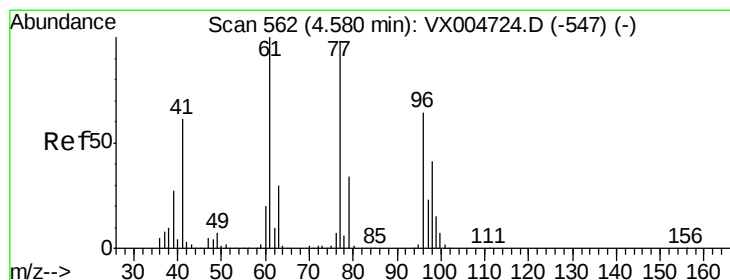
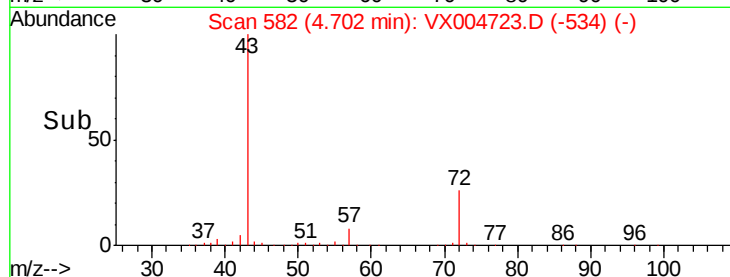
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 19.063 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004723.D

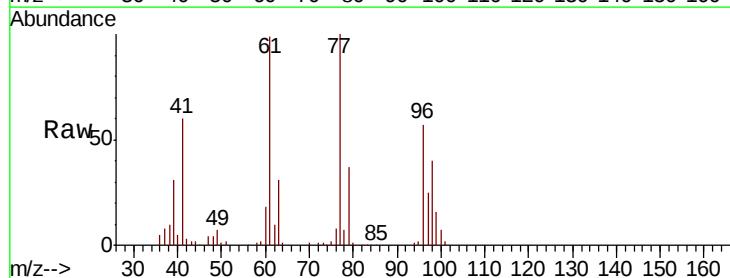
Acq: 26 Sep 2018 12:25

Tgt Ion: 77 Resp: 102170

Ion Ratio Lower Upper

77 100

97 24.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

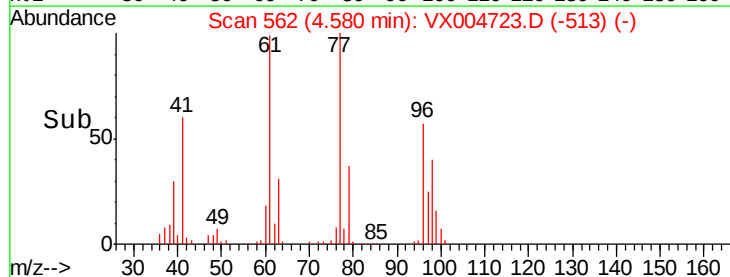
20000

10000

0

4.40 4.50 4.60 4.70

Time-->



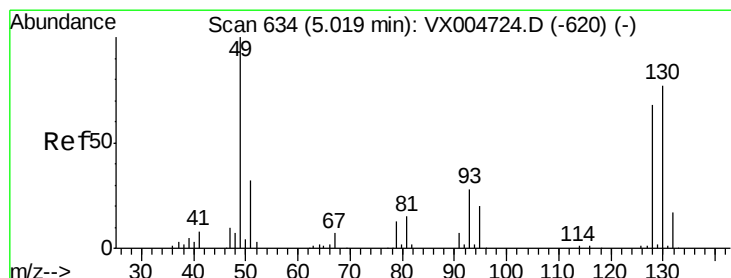
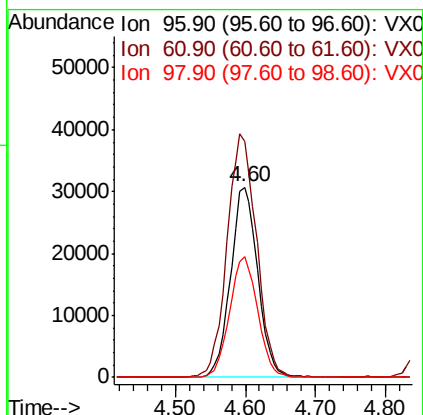
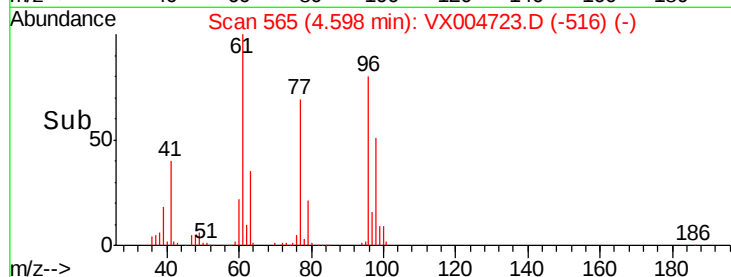
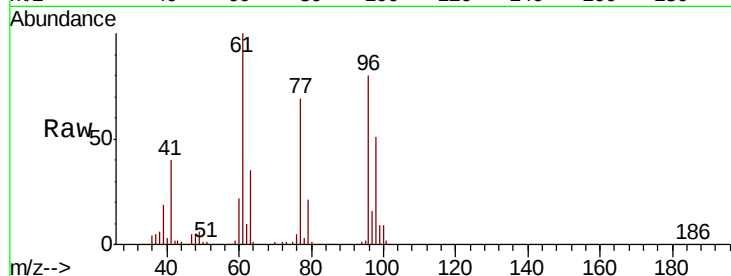


#27

cis-1,2-Dichloroethene
 Concen: 18.537 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX004723.D
 Acq: 26 Sep 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

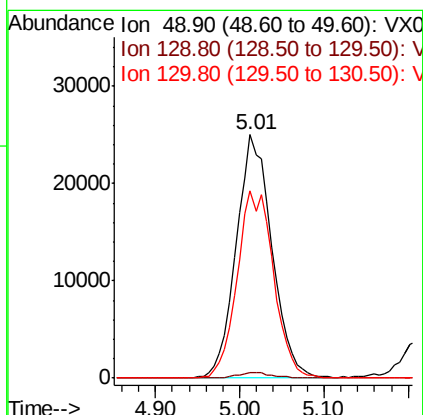
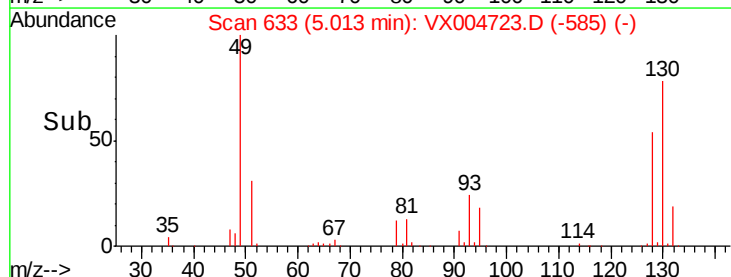
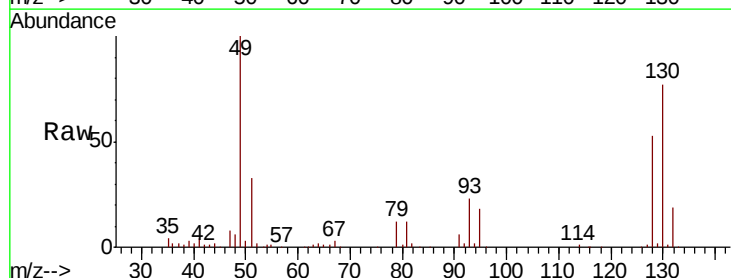
Tgt Ion: 96 Resp: 82940
 Ion Ratio Lower Upper
 96 100
 61 138.3 0.0 282.6
 98 65.4 0.0 130.2

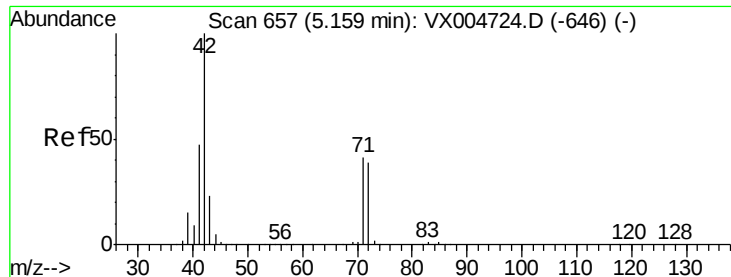


#28

Bromochloromethane
 Concen: 20.228 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX004723.D
 Acq: 26 Sep 2018 12:25

Tgt Ion: 49 Resp: 71615
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 78.6 67.5 101.3





#29

Tetrahydrofuran

Concen: 87.544 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

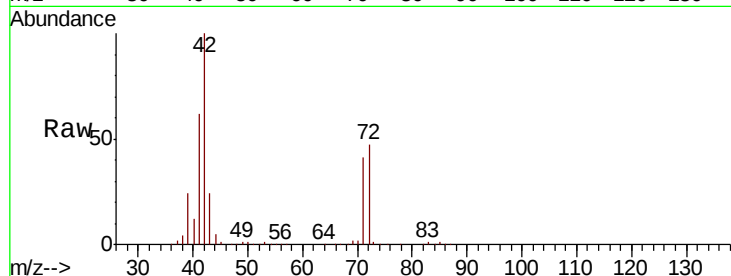
Tgt Ion: 42 Resp: 232257

Ion Ratio Lower Upper

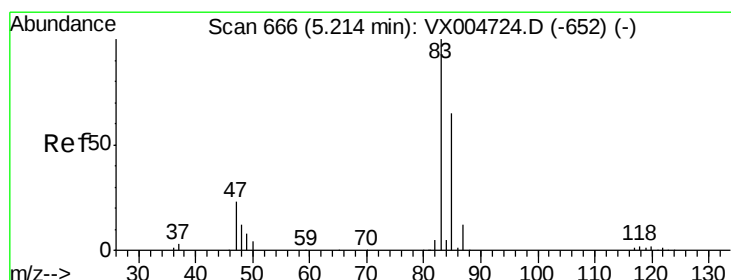
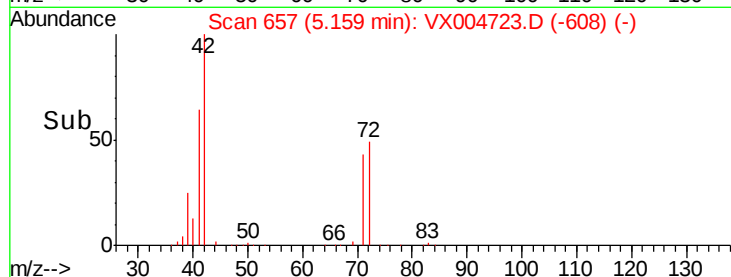
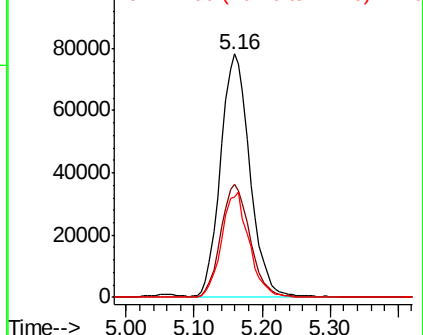
42 100

72 46.6 37.4 56.0

71 41.0 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.199 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004723.D

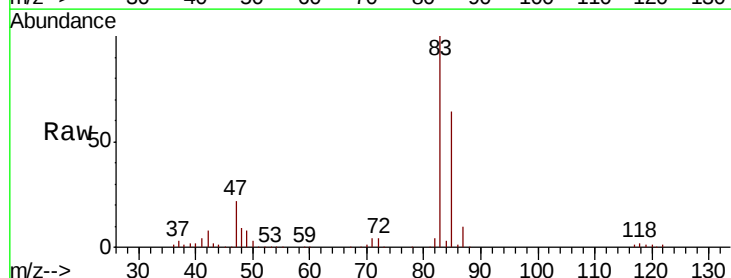
Acq: 26 Sep 2018 12:25

Tgt Ion: 83 Resp: 141710

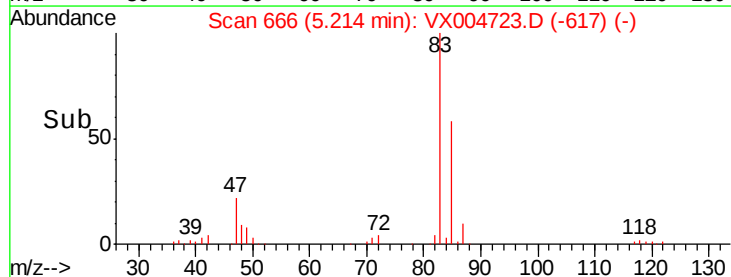
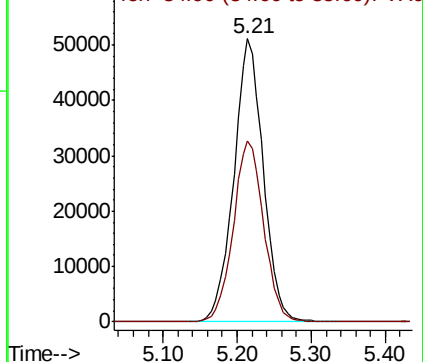
Ion Ratio Lower Upper

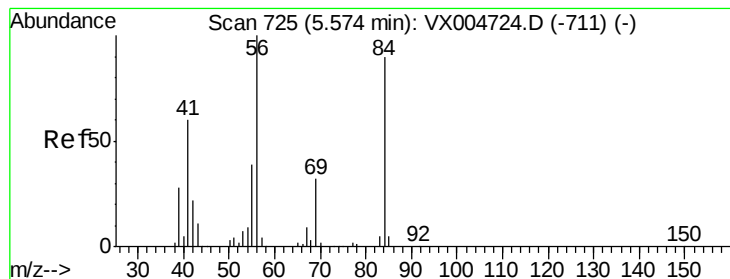
83 100

85 64.0 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 16.749 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

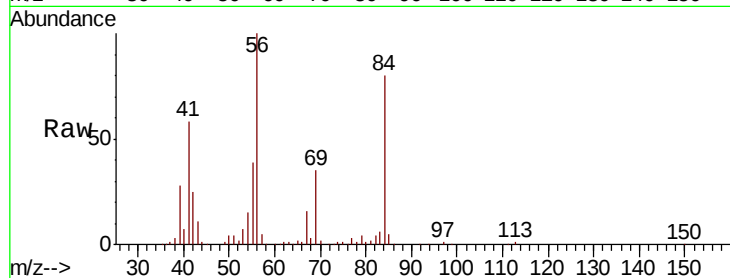
Tgt Ion: 56 Resp: 110705

Ion Ratio Lower Upper

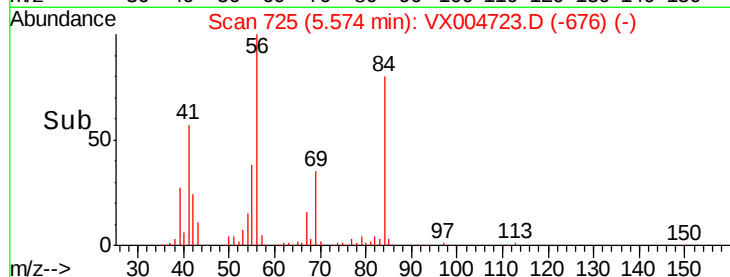
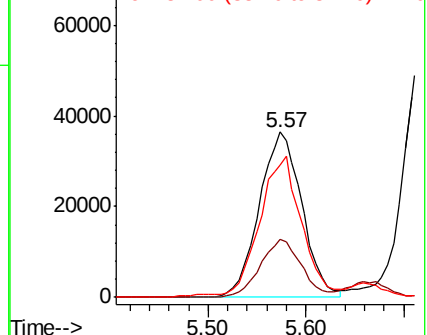
56 100

69 34.8 25.4 38.2

84 79.2 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.439 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

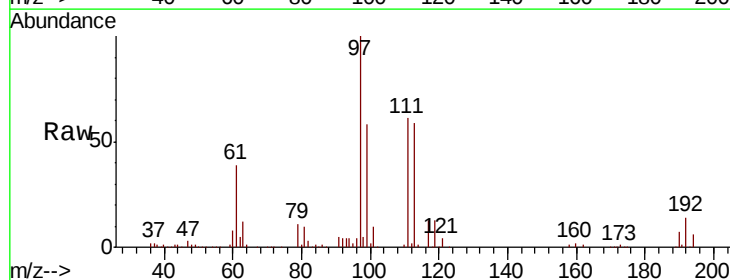
Tgt Ion: 97 Resp: 116548

Ion Ratio Lower Upper

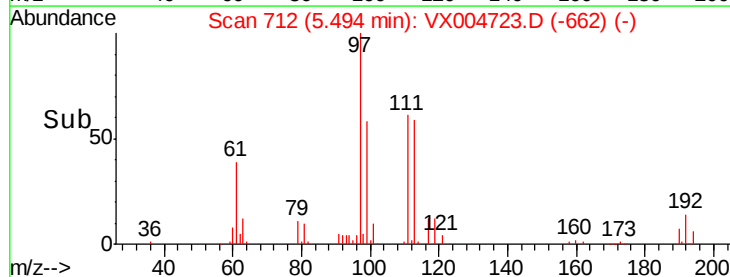
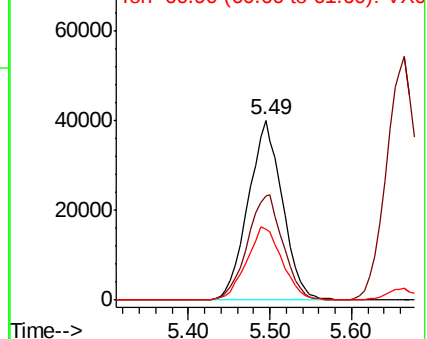
97 100

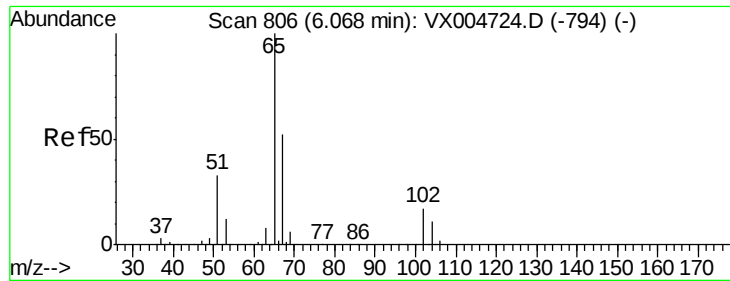
99 61.2 52.0 78.0

61 42.4 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

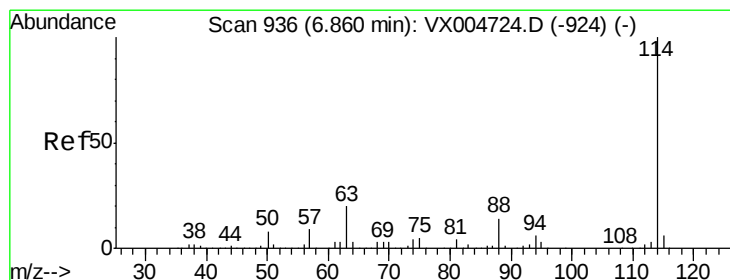
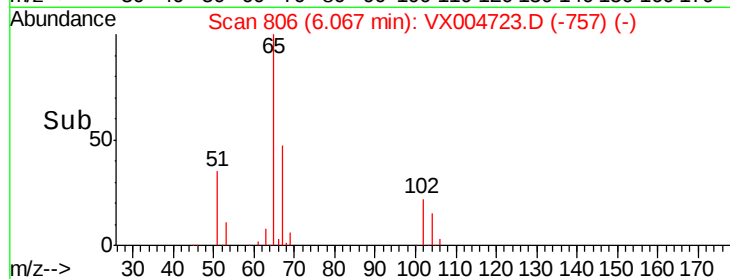
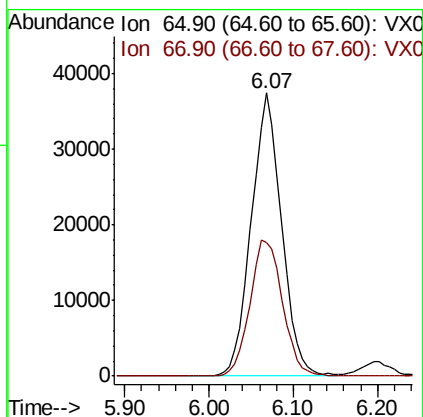
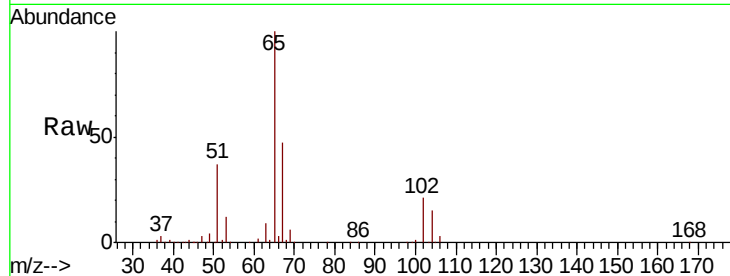




#33
 1,2-Dichloroethane-d4
 Concen: 18.484 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004723.D
 Acq: 26 Sep 2018 12:25

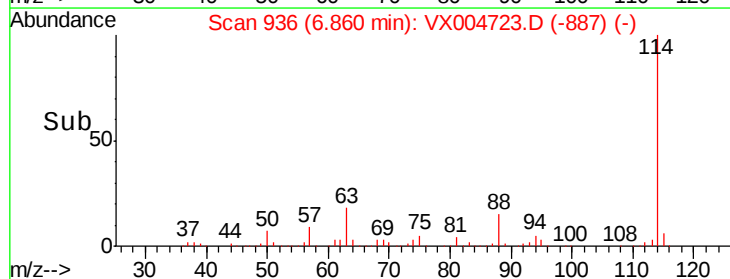
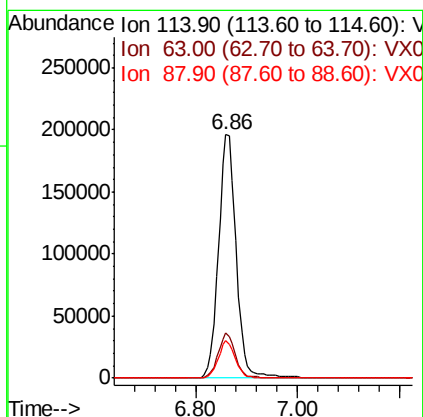
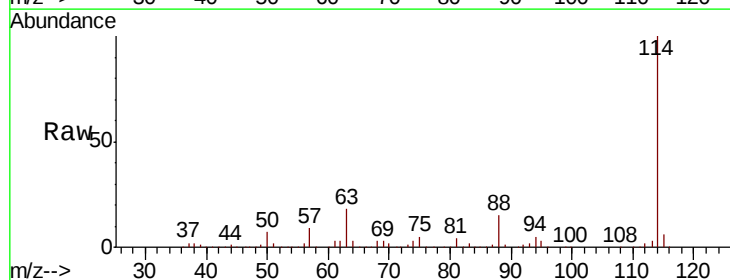
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 65 Resp: 91776
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004723.D
 Acq: 26 Sep 2018 12:25

Tgt Ion: 114 Resp: 472295
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.0
 88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 17.152 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

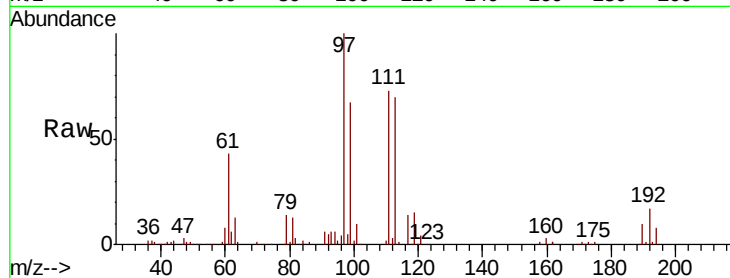
Tgt Ion:113 Resp: 71929

Ion Ratio Lower Upper

113 100

111 104.8 82.4 123.6

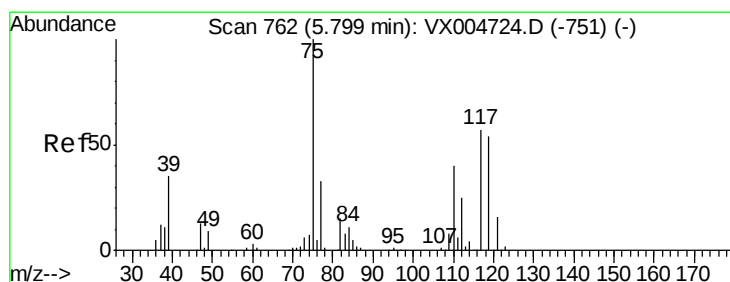
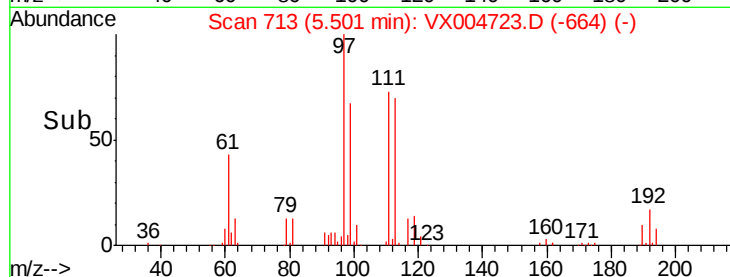
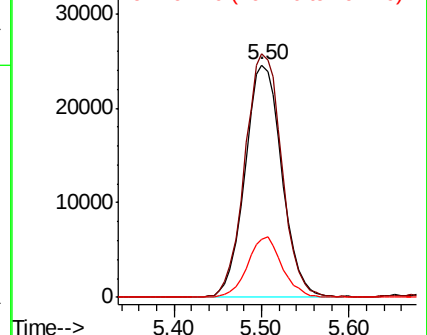
192 24.3 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.766 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

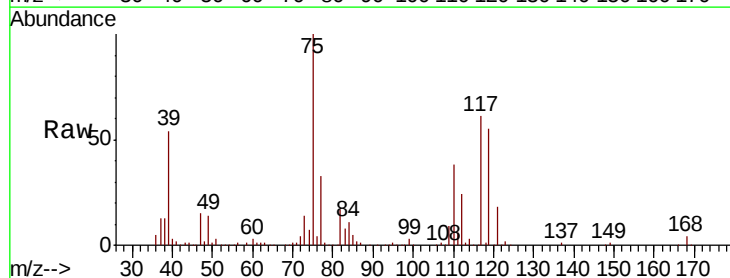
Tgt Ion: 75 Resp: 99857

Ion Ratio Lower Upper

75 100

110 39.2 18.0 54.0

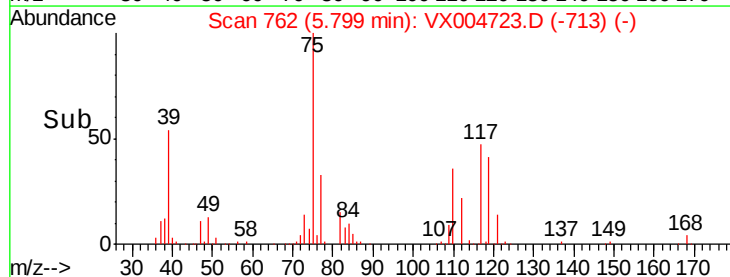
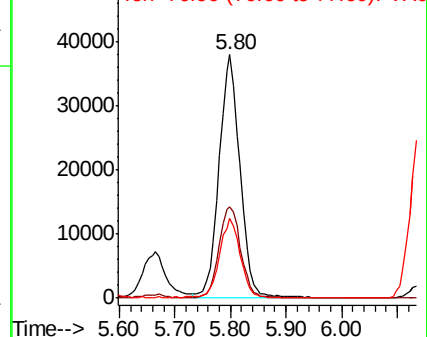
77 31.7 24.6 36.8

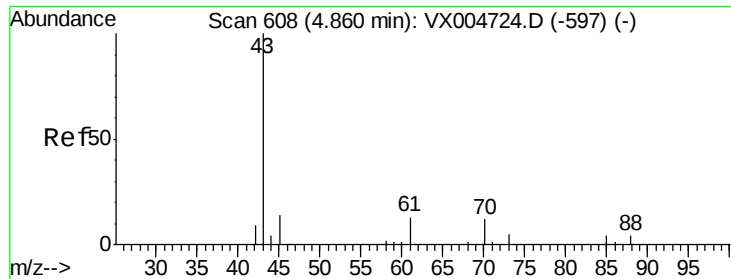


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 17.807 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

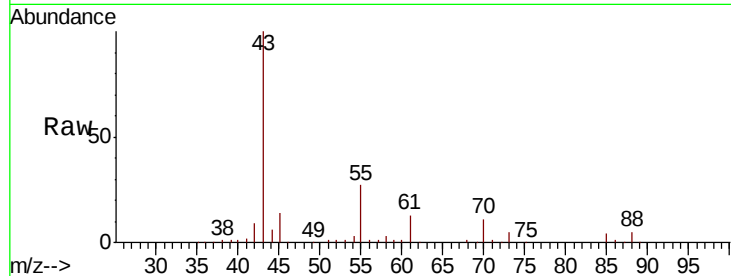
Tgt Ion: 43 Resp: 129498

Ion Ratio Lower Upper

43 100

61 13.5 11.5 17.3

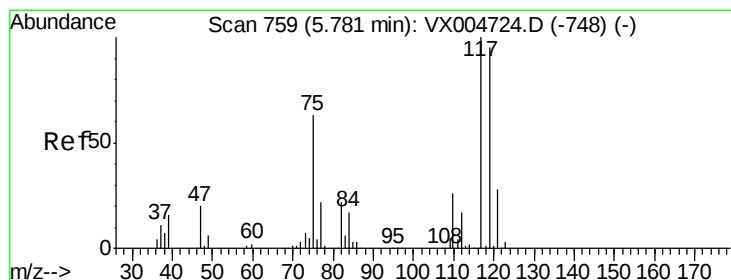
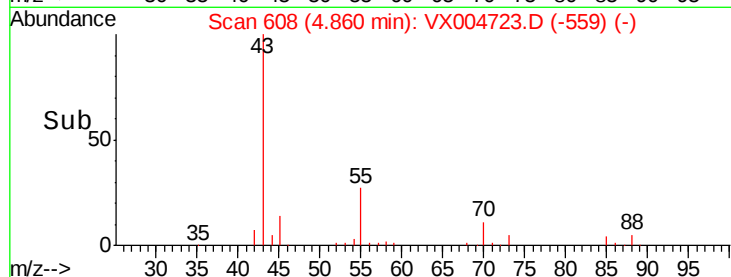
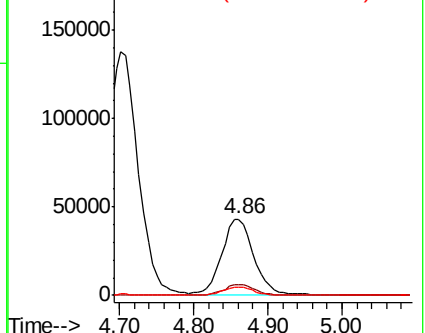
70 11.0 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 18.605 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

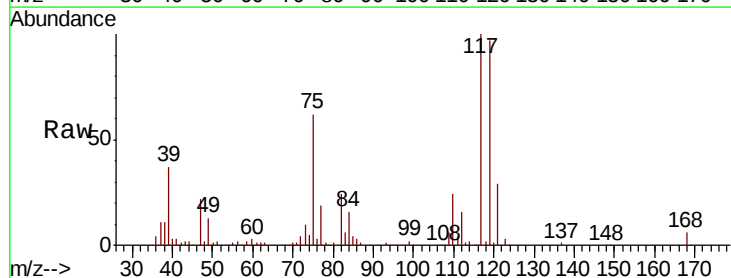
Tgt Ion: 117 Resp: 104408

Ion Ratio Lower Upper

117 100

119 97.4 78.8 118.2

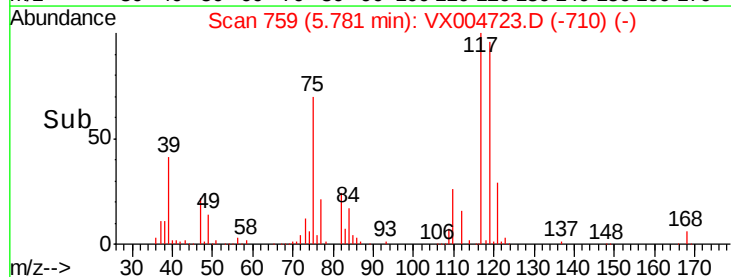
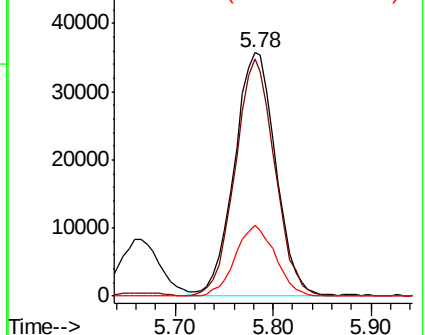
121 29.0 24.9 37.3

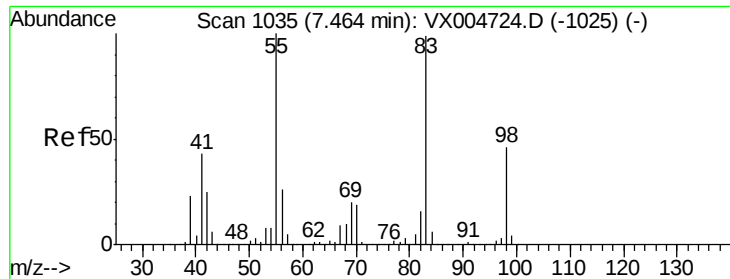


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

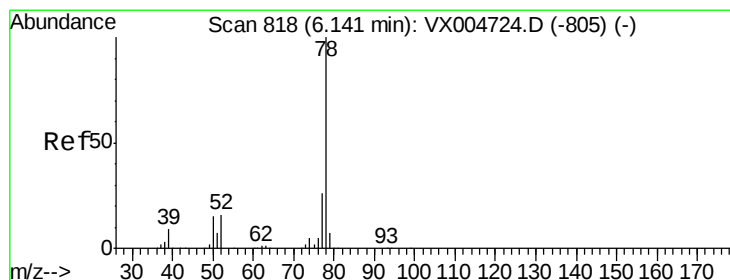
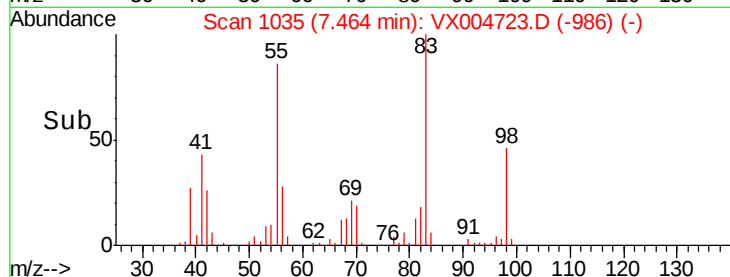
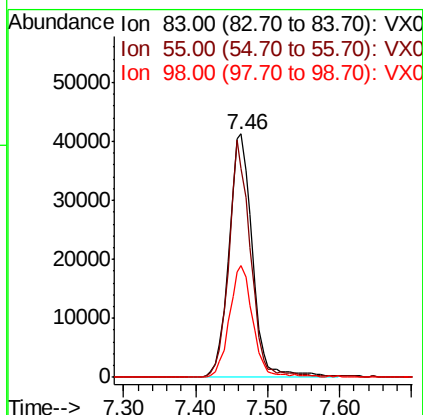
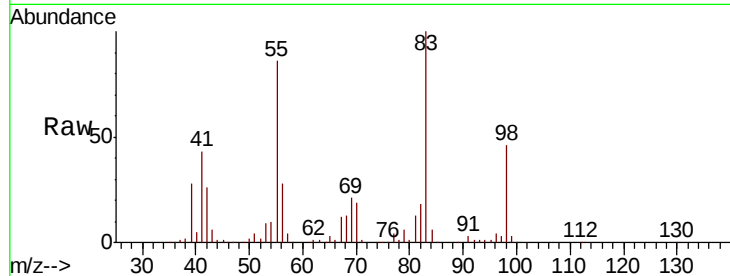




#39
Methylcyclohexane
Concen: 17.196 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004723.D
Acq: 26 Sep 2018 12:25

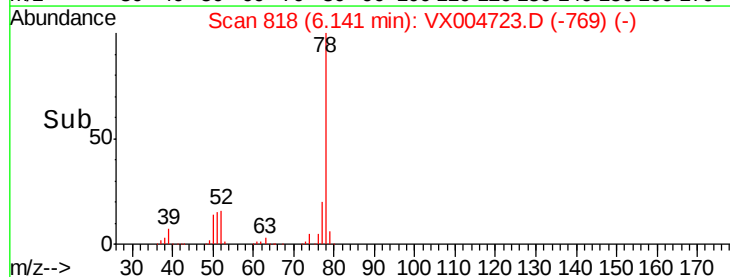
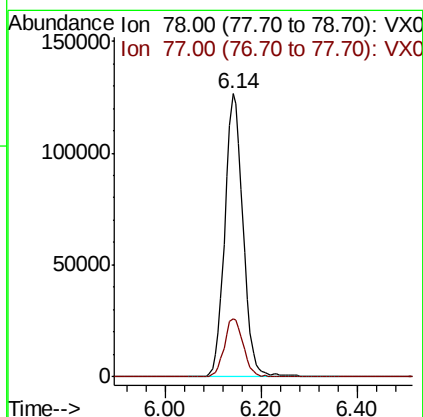
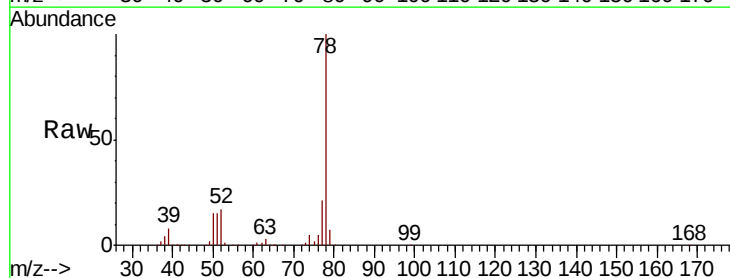
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
83	100		
55	86.1	61.0	91.4
98	45.8	39.6	59.4



#40
Benzene
Concen: 20.438 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004723.D
Acq: 26 Sep 2018 12:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.7	19.0	28.4

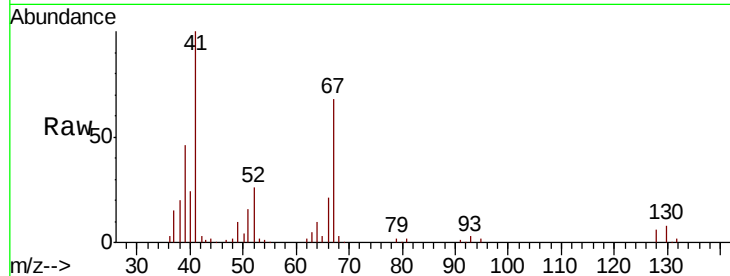




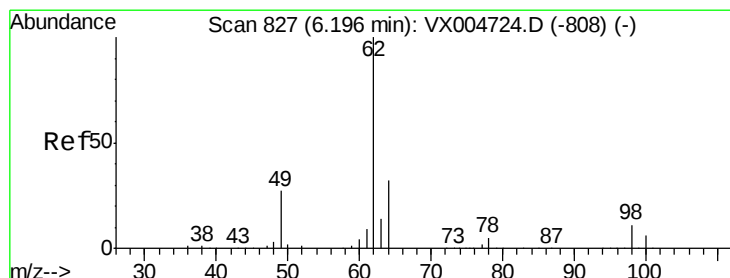
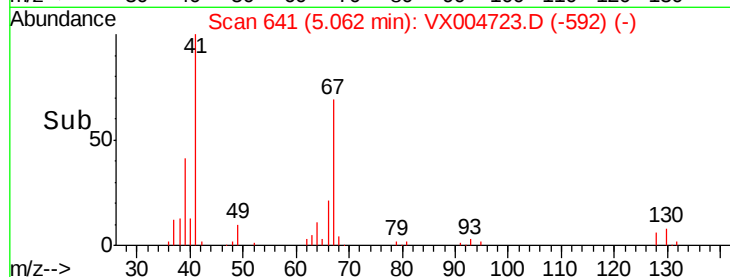
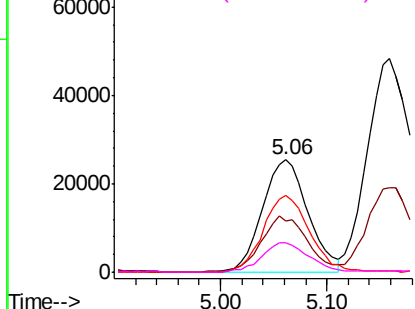
#41
Methacrylonitrile
Concen: 18.062 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004723.D
Acq: 26 Sep 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:	41	Resp:	75649
Ion	Ratio	Lower	Upper
41	100		
39	50.0	42.4	63.6
67	70.1	59.2	88.8
52	26.6	23.0	34.4

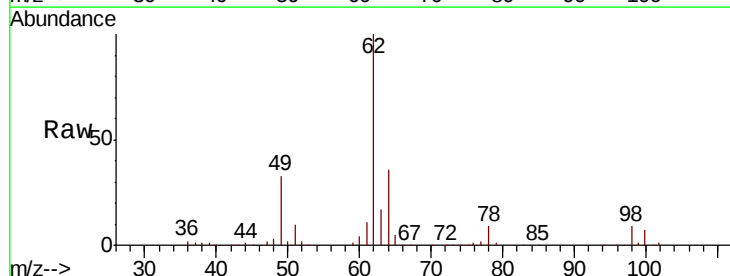


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

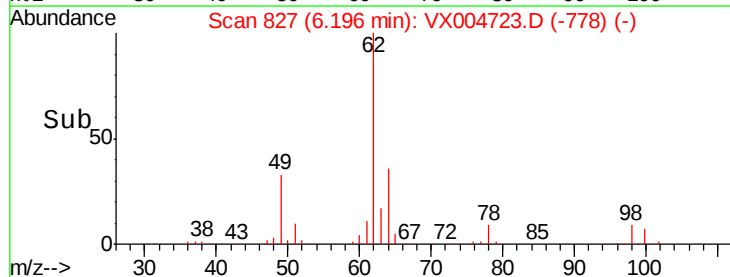
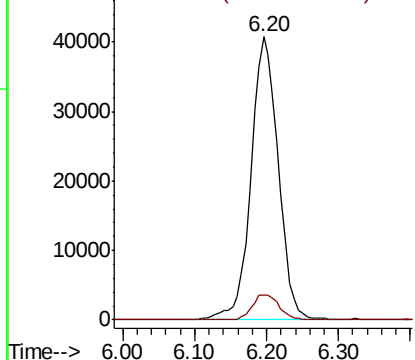


#42
1,2-Dichloroethane
Concen: 18.214 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004723.D
Acq: 26 Sep 2018 12:25

Tgt Ion:	62	Resp:	107129
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 16.576 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

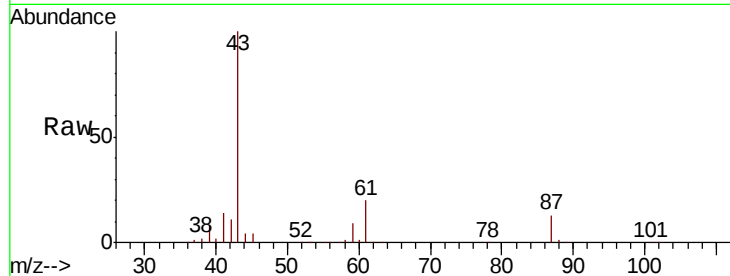
Tgt Ion: 43 Resp: 185652

Ion Ratio Lower Upper

43 100

61 19.9 17.0 25.4

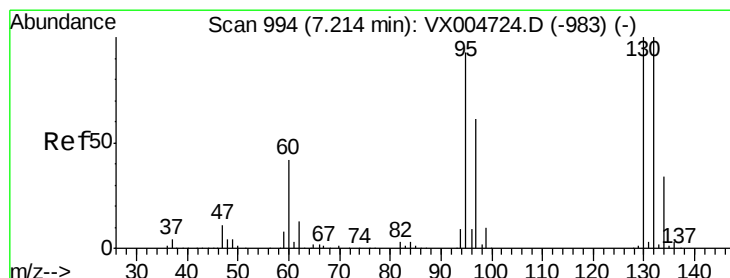
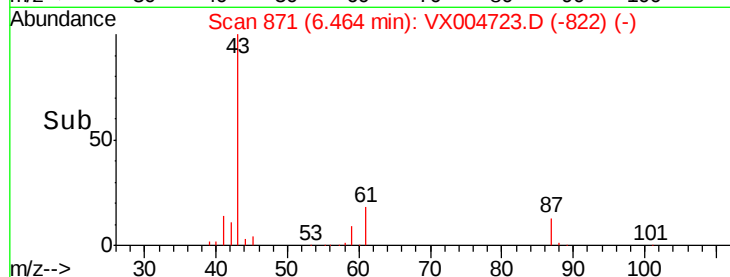
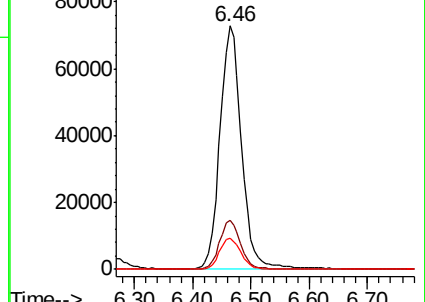
87 12.8 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.729 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004723.D

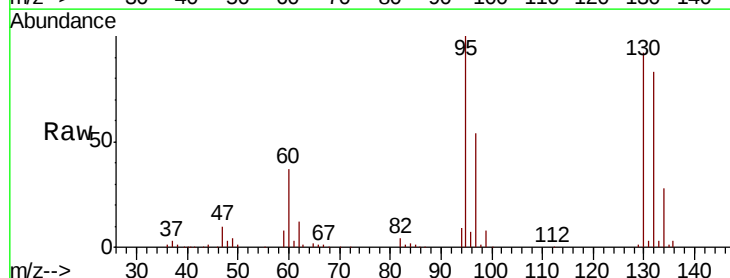
Acq: 26 Sep 2018 12:25

Tgt Ion: 130 Resp: 71507

Ion Ratio Lower Upper

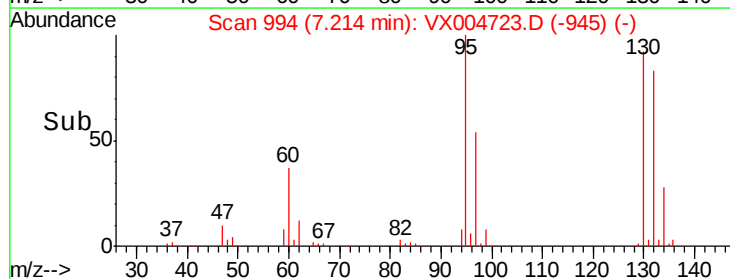
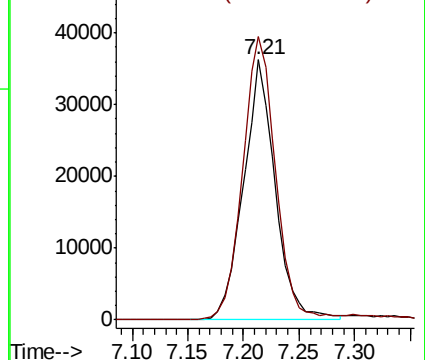
130 100

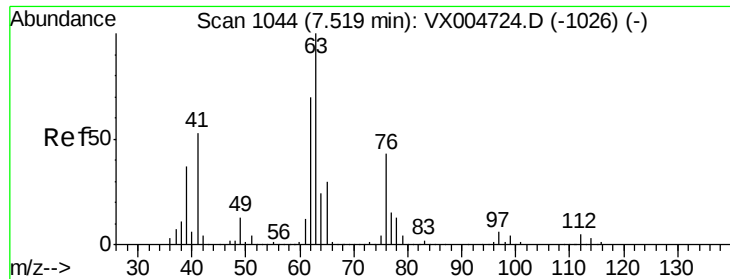
95 108.8 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.866 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

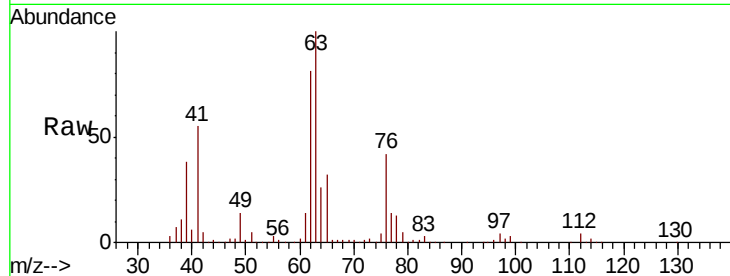
VSTDIC020

Tgt Ion: 63 Resp: 73978

Ion Ratio Lower Upper

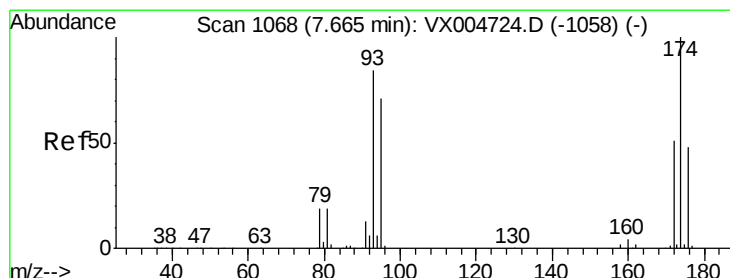
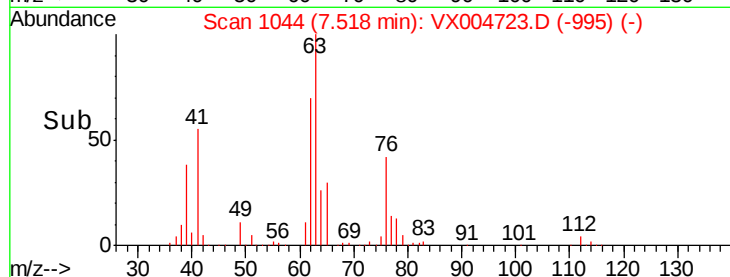
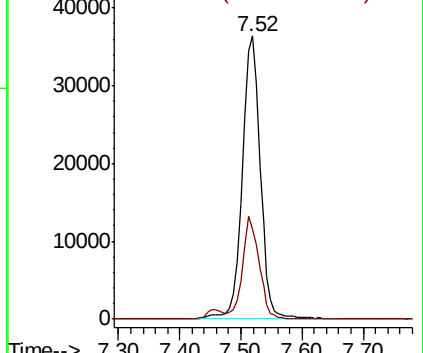
63 100

65 31.7 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.462 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

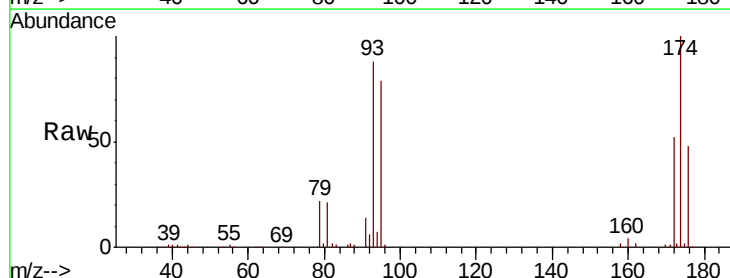
Tgt Ion: 93 Resp: 47572

Ion Ratio Lower Upper

93 100

95 83.9 65.5 98.3

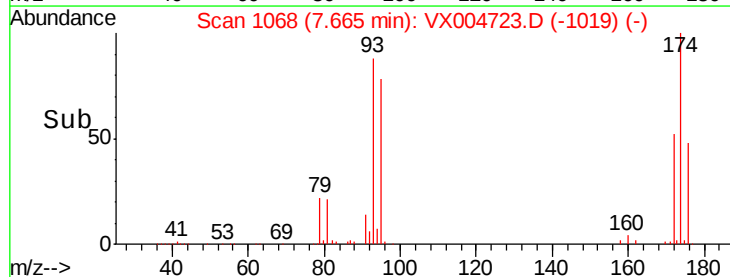
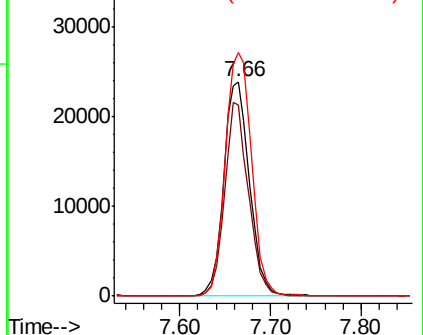
174 116.2 94.2 141.4

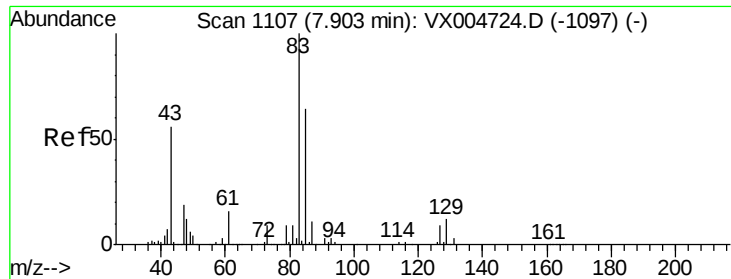


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.420 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

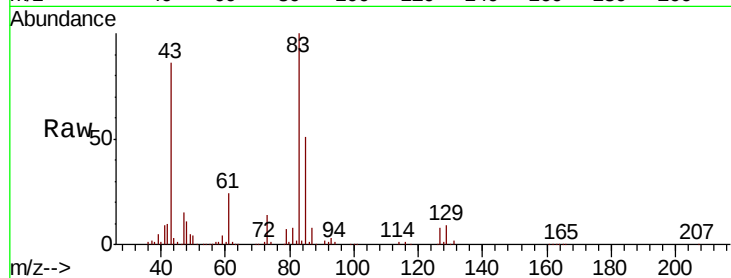
Tgt Ion: 83 Resp: 90903

Ion Ratio Lower Upper

83 100

85 51.0 50.9 76.3

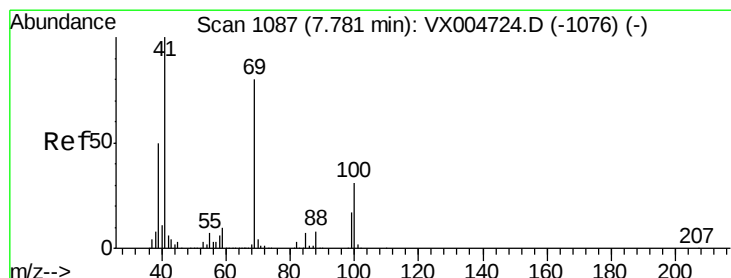
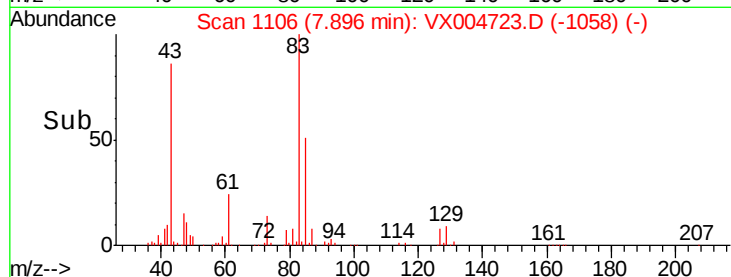
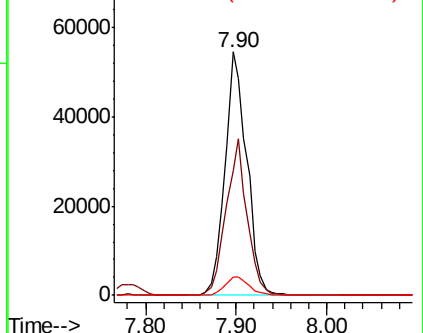
127 7.5 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.445 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

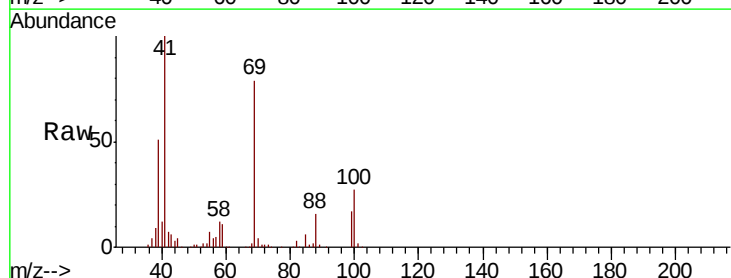
Tgt Ion: 41 Resp: 84297

Ion Ratio Lower Upper

41 100

69 80.5 70.2 105.4

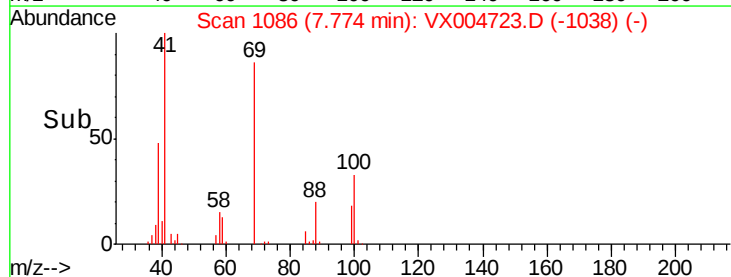
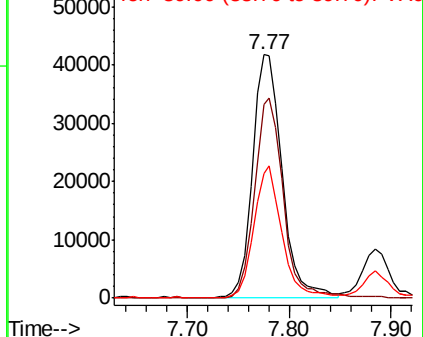
39 51.1 42.7 64.1

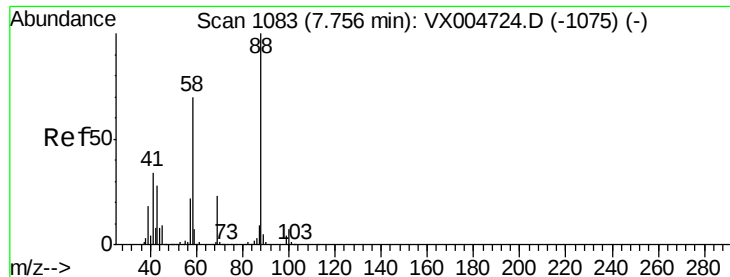


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 333.402 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

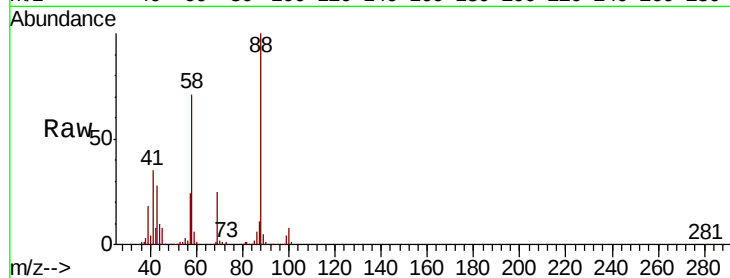
Tgt Ion: 88 Resp: 40419

Ion Ratio Lower Upper

88 100

43 35.0 24.7 37.1

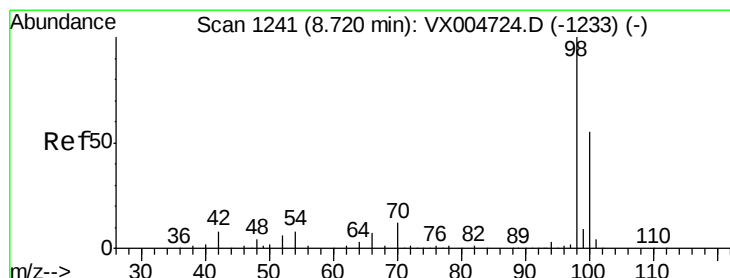
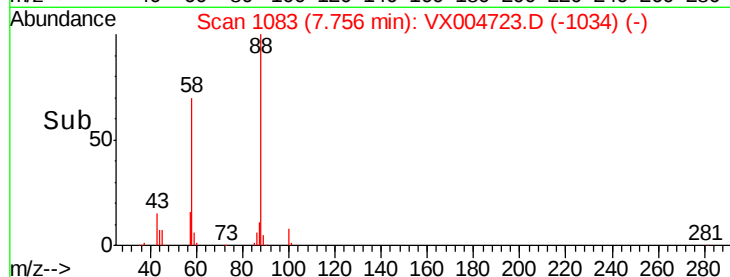
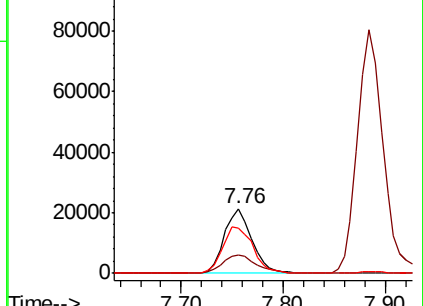
58 79.0 55.3 82.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 20.844 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004723.D

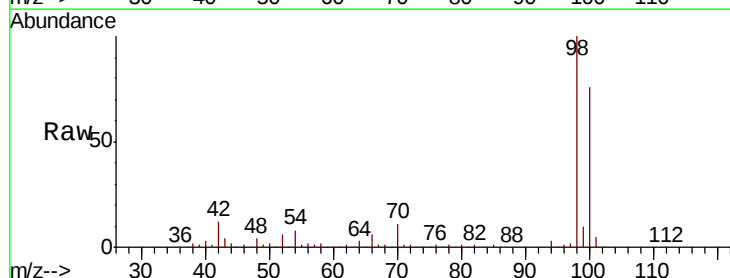
Acq: 26 Sep 2018 12:25

Tgt Ion: 98 Resp: 260407

Ion Ratio Lower Upper

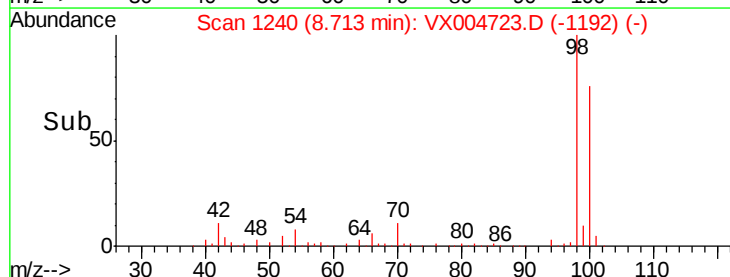
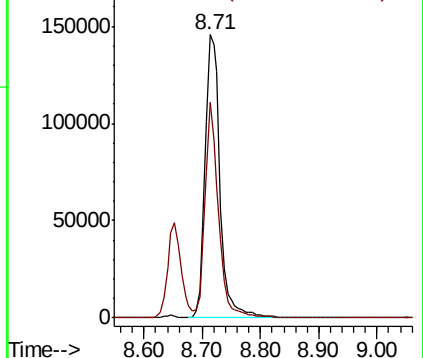
98 100

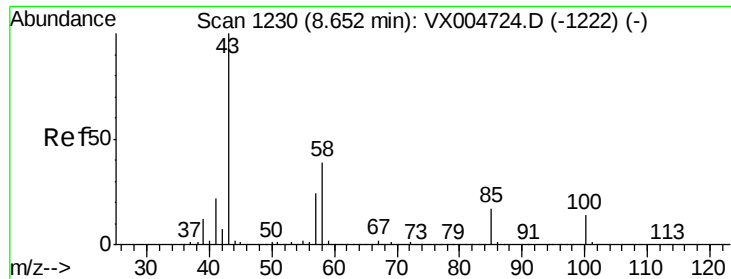
100 69.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

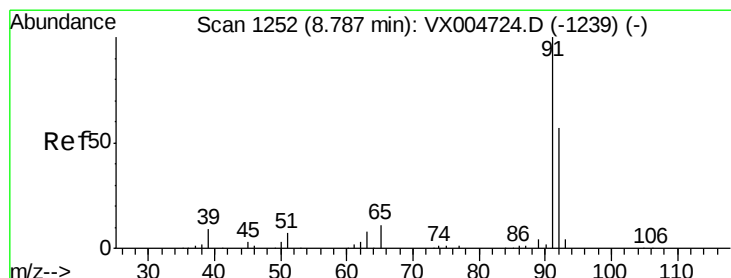
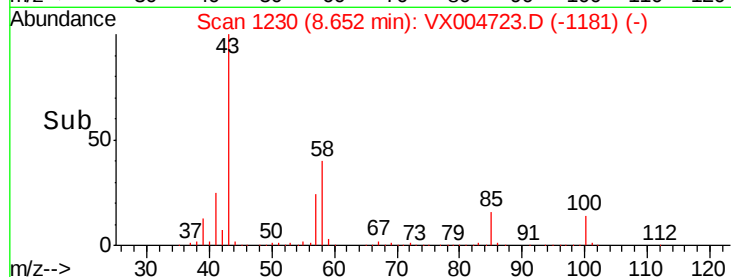
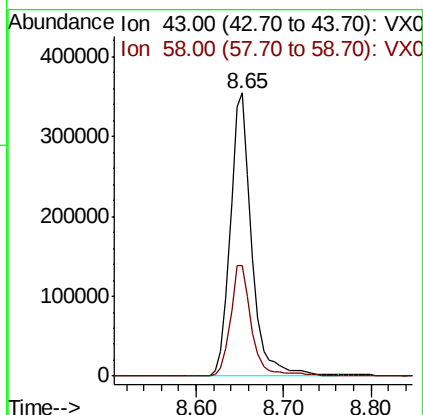
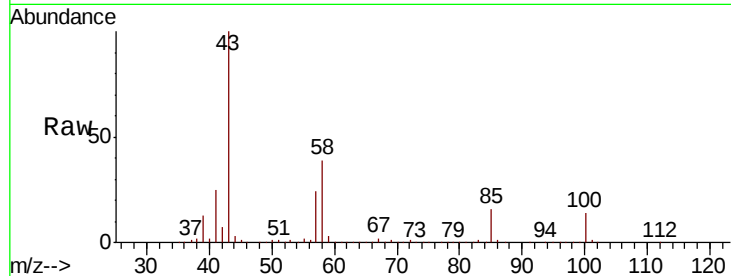




#51
 4-Methyl-2-Pentanone
 Concen: 91.047 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VX004723.D
 Acq: 26 Sep 2018 12:25

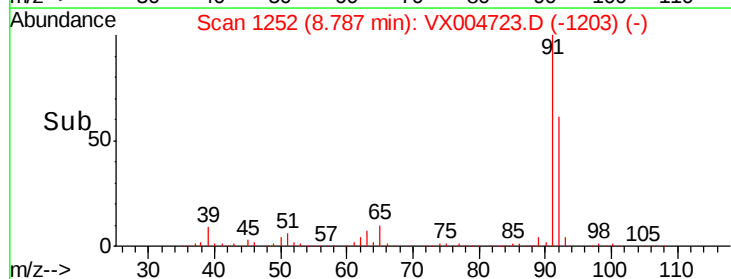
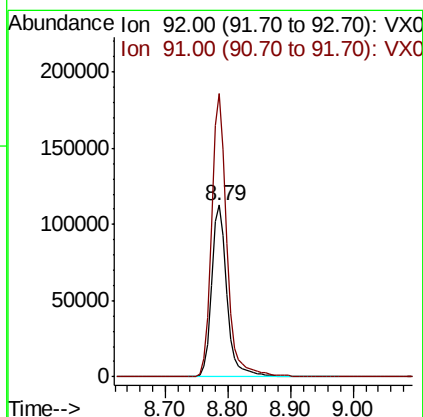
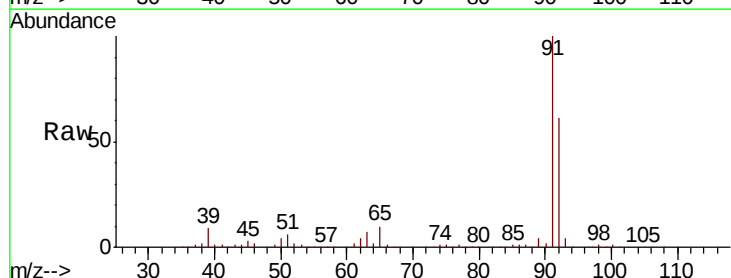
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

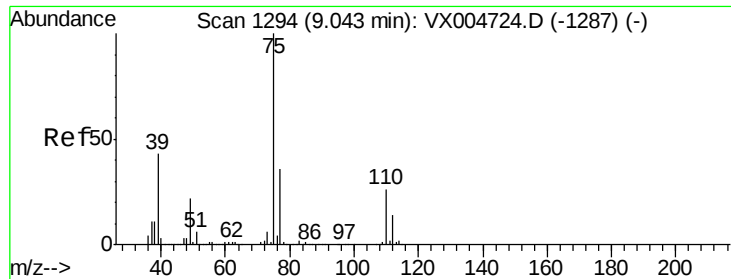
Tgt Ion: 43 Resp: 603248
 Ion Ratio Lower Upper
 43 100
 58 39.2 33.1 49.7



#52
 Toluene
 Concen: 20.391 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX004723.D
 Acq: 26 Sep 2018 12:25

Tgt Ion: 92 Resp: 192130
 Ion Ratio Lower Upper
 92 100
 91 162.9 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 18.616 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

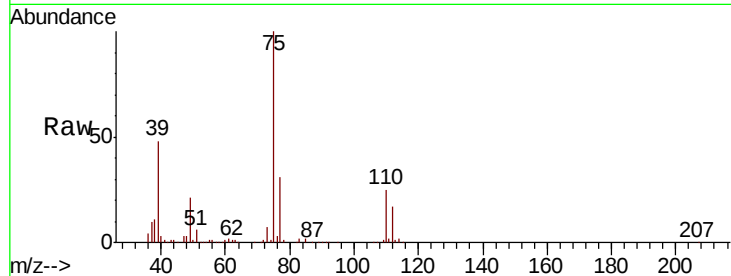
VSTDIC020

Tgt Ion: 75 Resp: 109724

Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

80000

60000

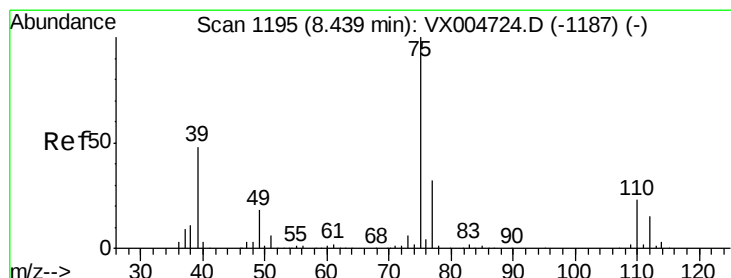
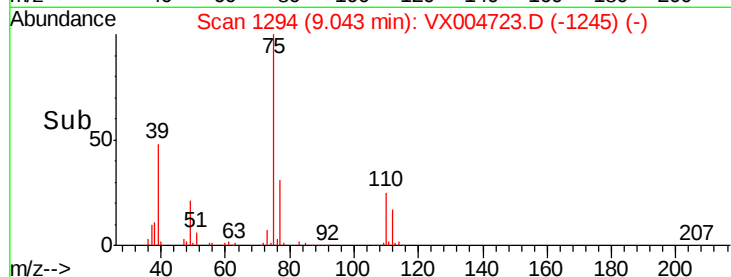
40000

20000

0

Time-->

9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 18.280 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

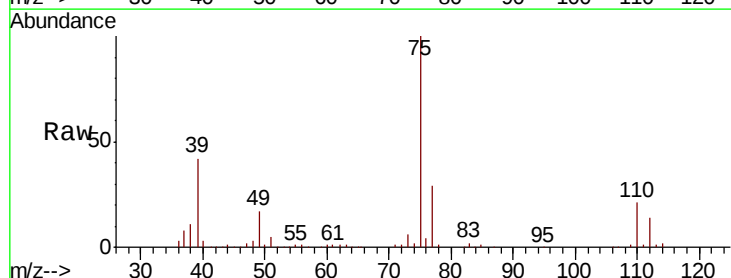
Tgt Ion: 75 Resp: 105476

Ion Ratio Lower Upper

75 100

77 28.7 26.2 39.2

39 41.5 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.44

80000

60000

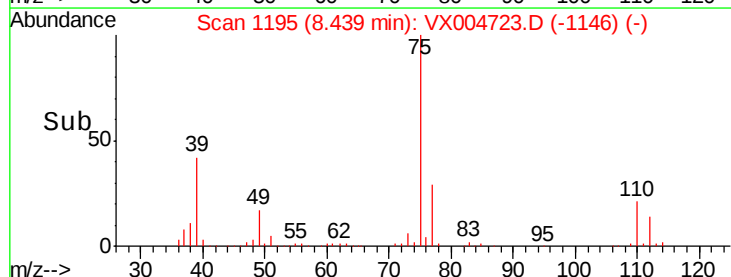
40000

20000

0

Time-->

8.40 8.50





#55

1,1,2-Trichloroethane

Concen: 18.900 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 77717

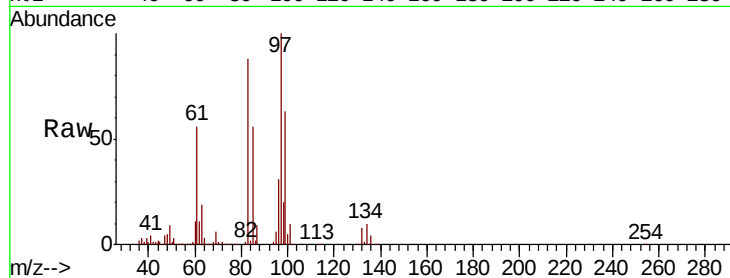
Ion Ratio Lower Upper

97 100

83 87.9 66.4 99.6

85 56.5 43.3 64.9

99 63.0 49.0 73.4

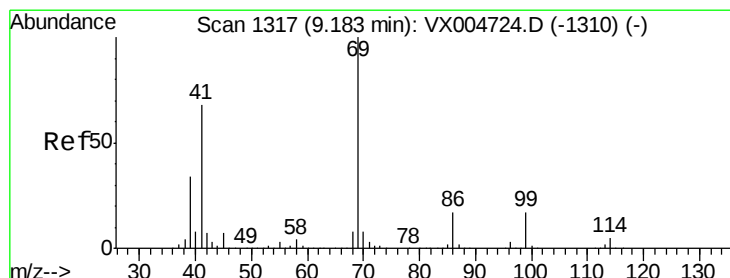
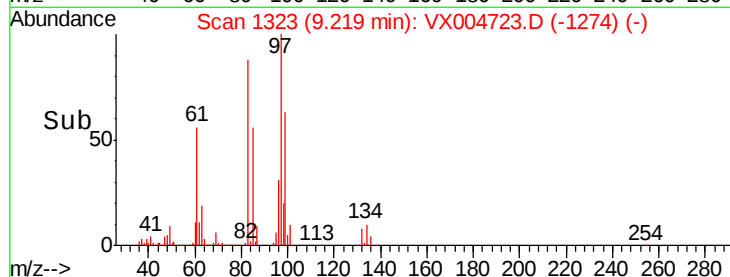
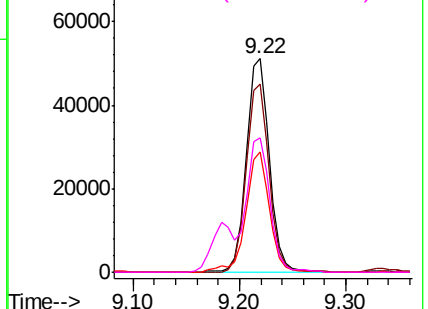


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.569 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

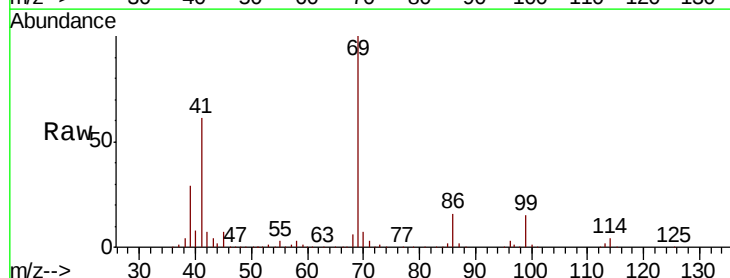
Tgt Ion: 69 Resp: 116219

Ion Ratio Lower Upper

69 100

41 64.7 51.0 76.4

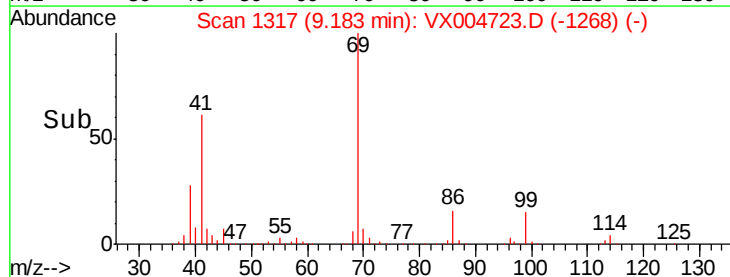
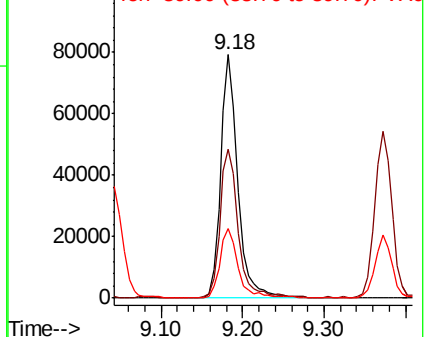
39 30.3 26.1 39.1



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.799 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

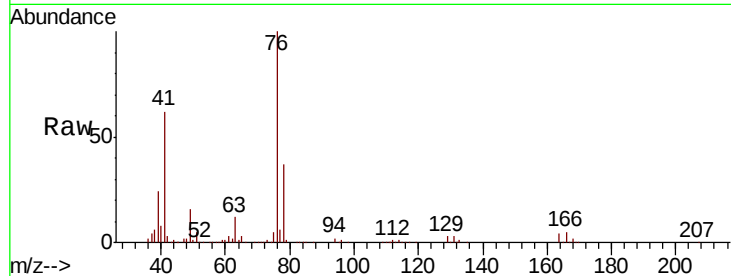
VSTDIC020

Tgt Ion: 76 Resp: 132215

Ion Ratio Lower Upper

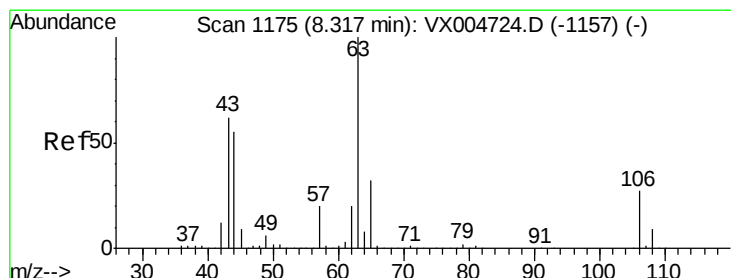
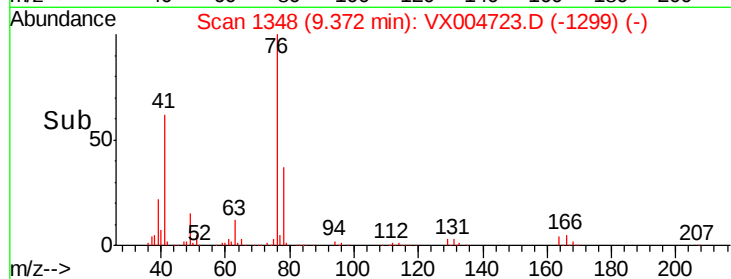
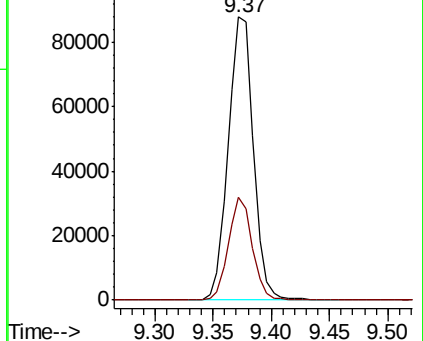
76 100

78 34.3 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 86.131 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX004723.D

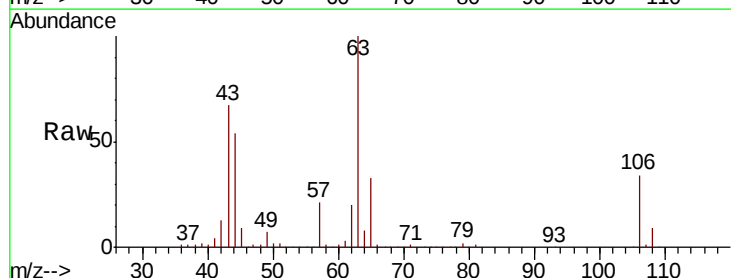
Acq: 26 Sep 2018 12:25

Tgt Ion: 63 Resp: 288146

Ion Ratio Lower Upper

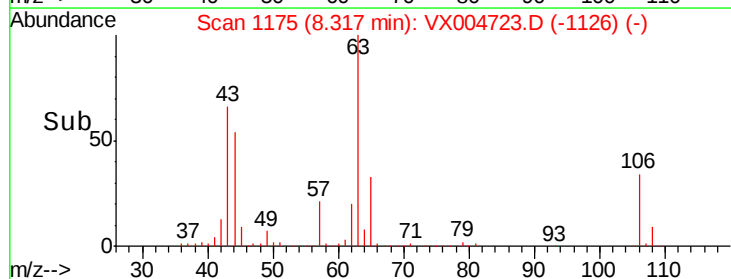
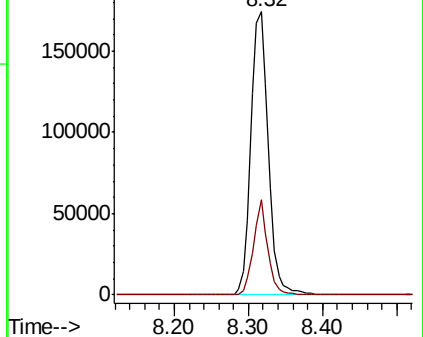
63 100

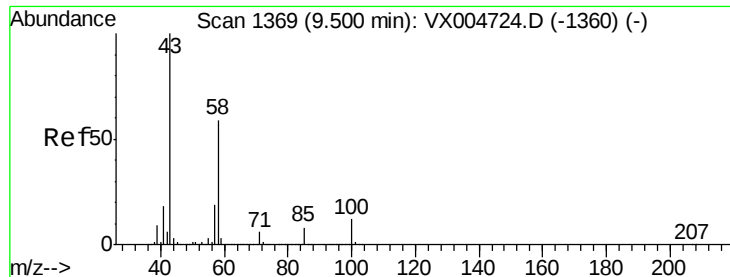
106 27.5 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

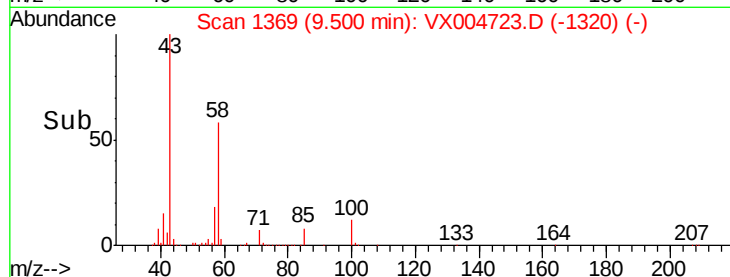
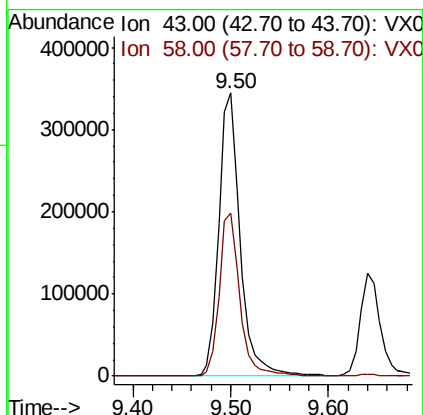
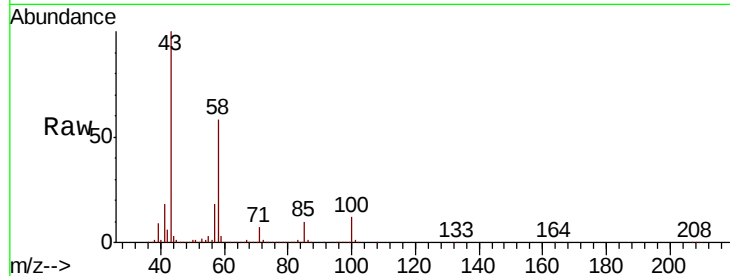




#59
2-Hexanone
Concen: 88.046 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004723.D
Acq: 26 Sep 2018 12:25

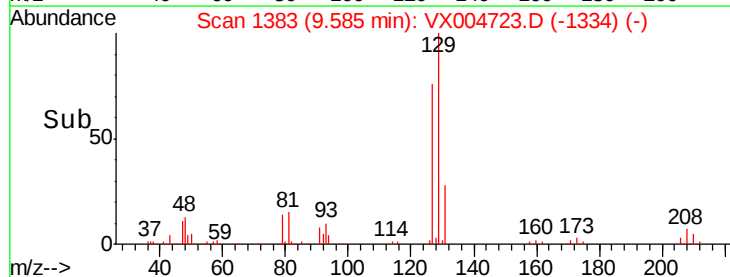
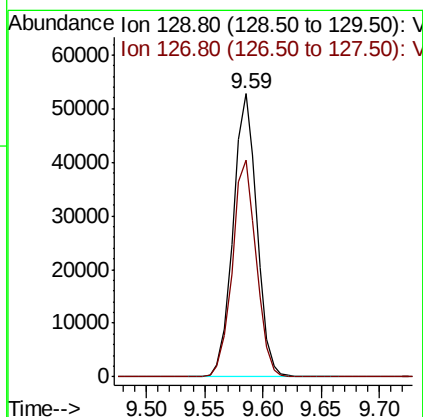
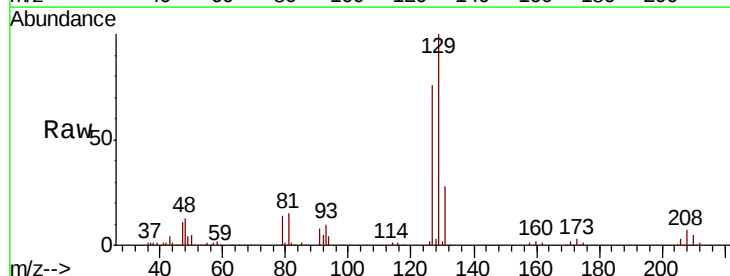
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

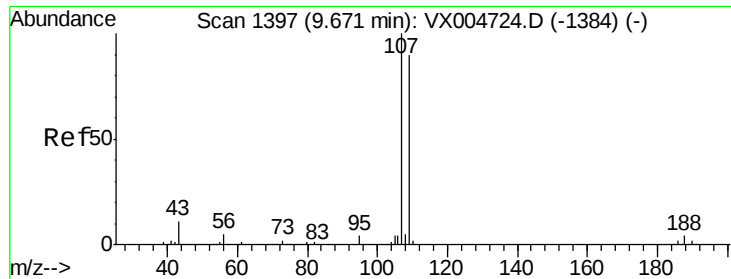
Tgt Ion: 43 Resp: 520812
Ion Ratio Lower Upper
43 100
58 55.7 29.0 87.0



#60
Dibromochloromethane
Concen: 16.731 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004723.D
Acq: 26 Sep 2018 12:25

Tgt Ion: 129 Resp: 75167
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5

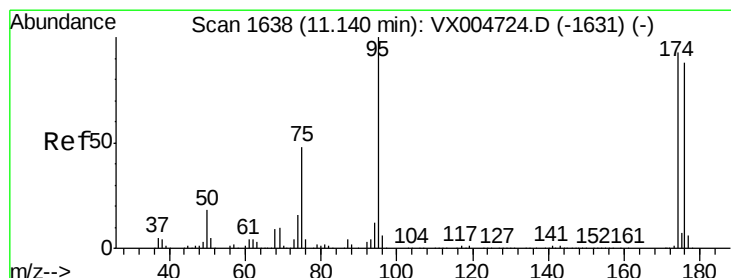
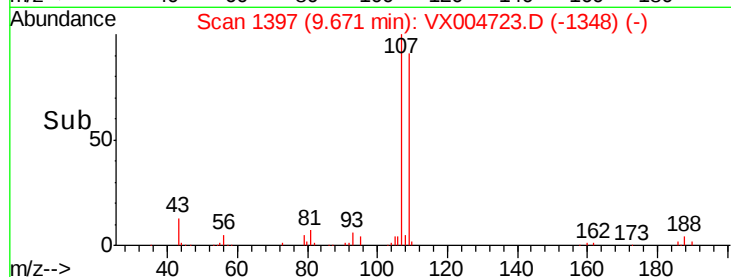
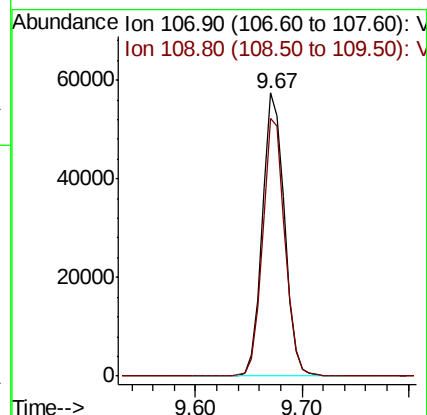
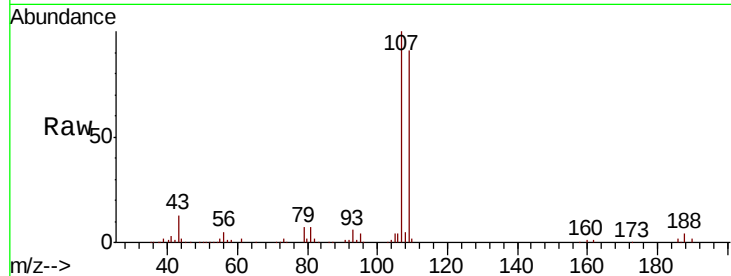




#61
 1,2-Dibromoethane
 Concen: 17.909 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX004723.D
 Acq: 26 Sep 2018 12:25

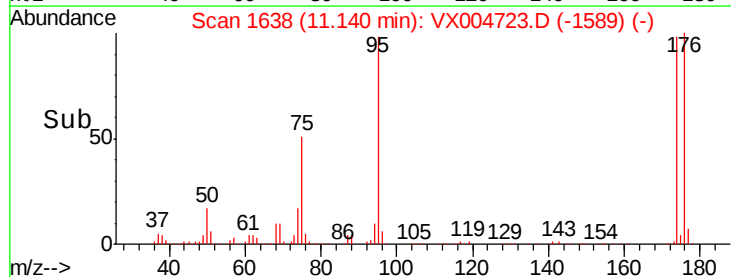
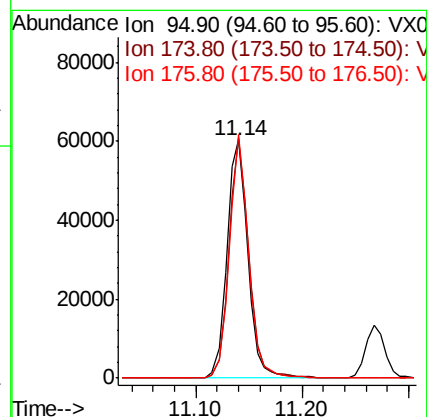
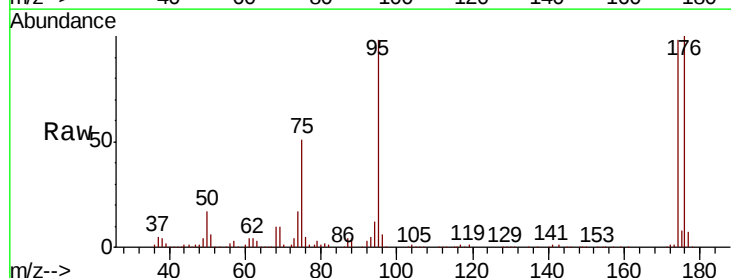
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

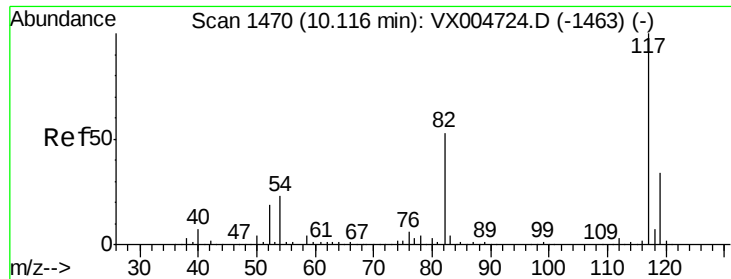
Tgt Ion: 107 Resp: 83616
 Ion Ratio Lower Upper
 107 100
 109 91.8 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 18.393 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX004723.D
 Acq: 26 Sep 2018 12:25

Tgt Ion: 95 Resp: 82775
 Ion Ratio Lower Upper
 95 100
 174 95.9 0.0 185.2
 176 94.2 0.0 178.6

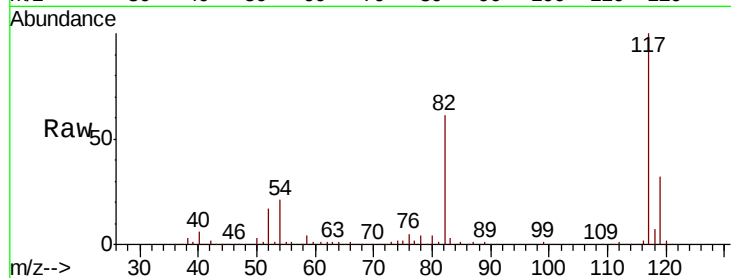




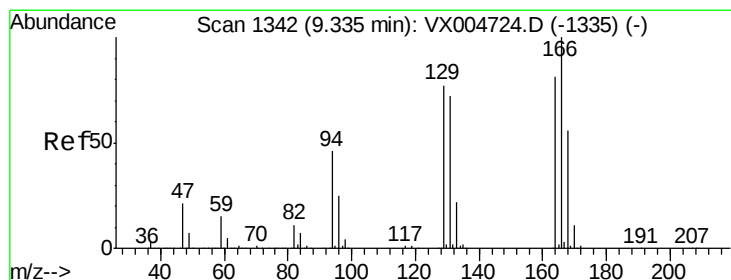
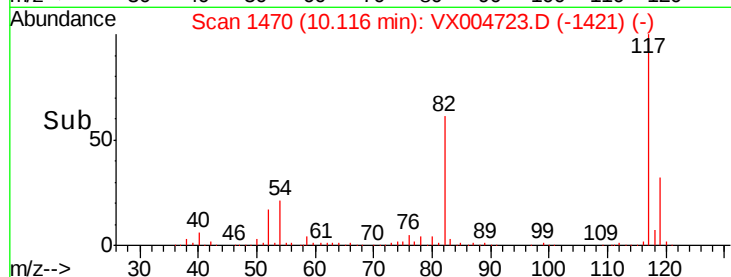
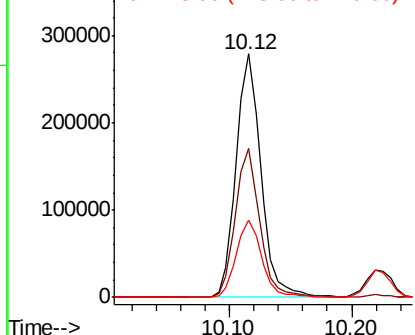
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004723.D
Acq: 26 Sep 2018 12:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 392694
Ion Ratio Lower Upper
117 100
82 61.0 47.8 71.6
119 31.9 29.3 43.9

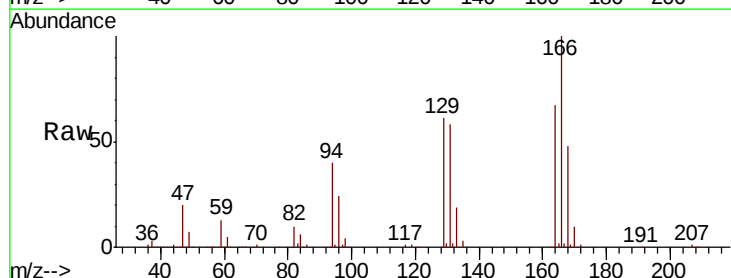


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

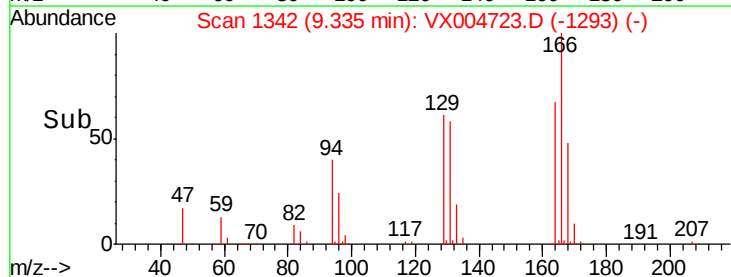
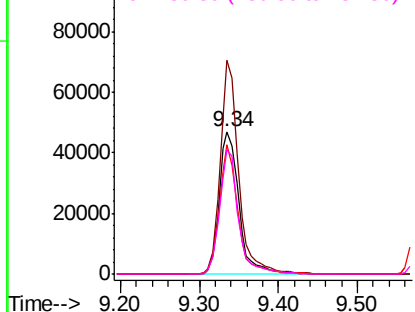


#64
Tetrachloroethene
Concen: 20.794 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004723.D
Acq: 26 Sep 2018 12:25

Tgt Ion:164 Resp: 81829
Ion Ratio Lower Upper
164 100
166 150.0 102.8 154.2
129 91.1 69.4 104.0
131 87.5 67.9 101.9



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

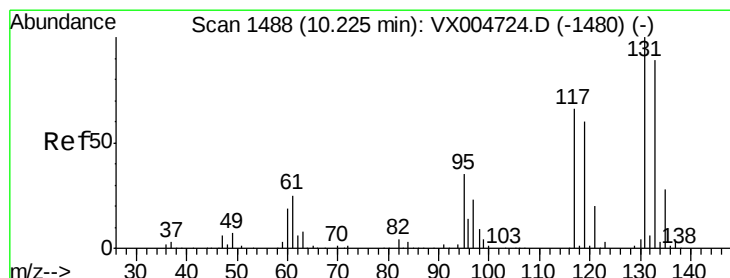
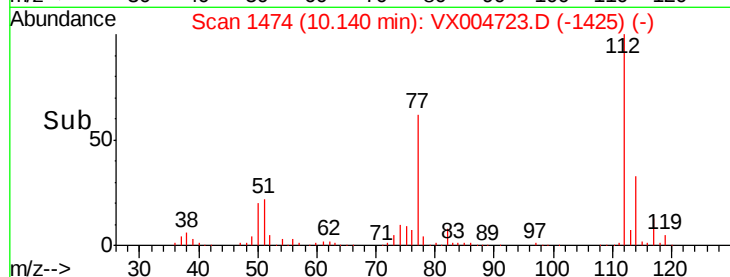
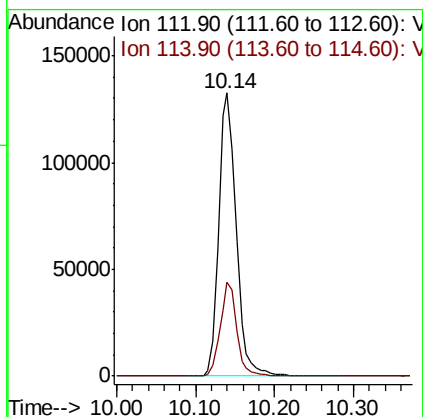
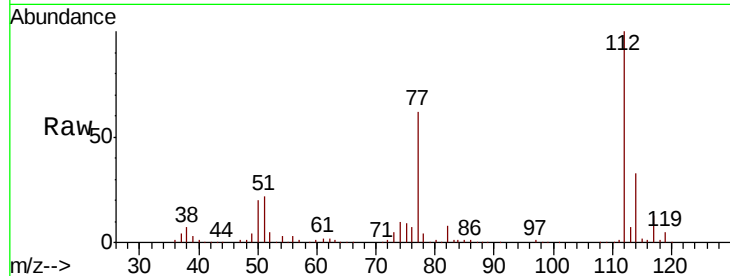




#65
Chlorobenzene
Concen: 20.761 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004723.D
Acq: 26 Sep 2018 12:25

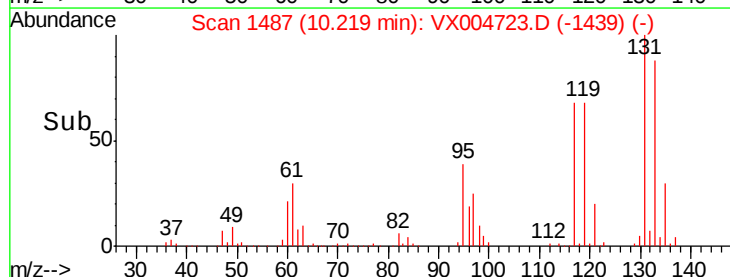
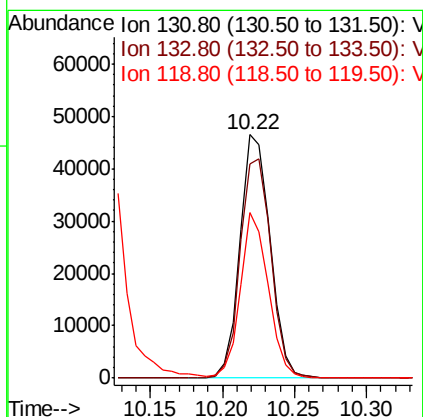
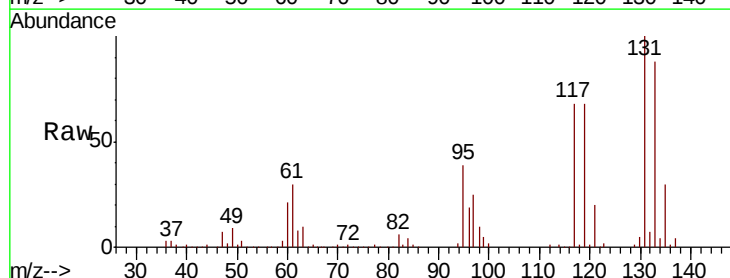
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion:112 Resp: 205041
Ion Ratio Lower Upper
112 100
114 33.0 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.578 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX004723.D
Acq: 26 Sep 2018 12:25

Tgt Ion:131 Resp: 67537
Ion Ratio Lower Upper
131 100
133 92.1 48.1 144.4
119 63.3 32.9 98.6





#67

Ethyl Benzene

Concen: 20.175 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

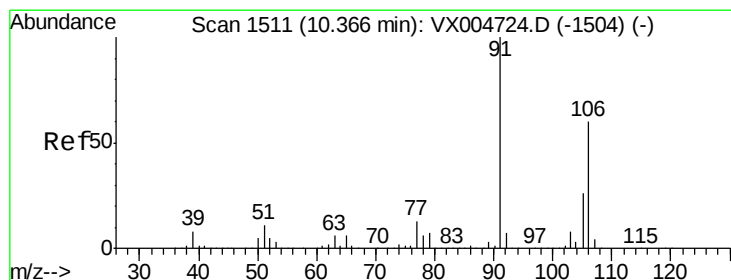
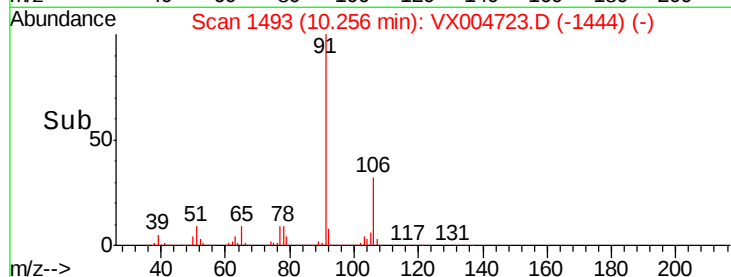
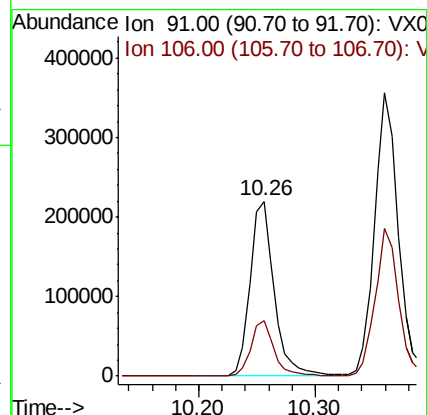
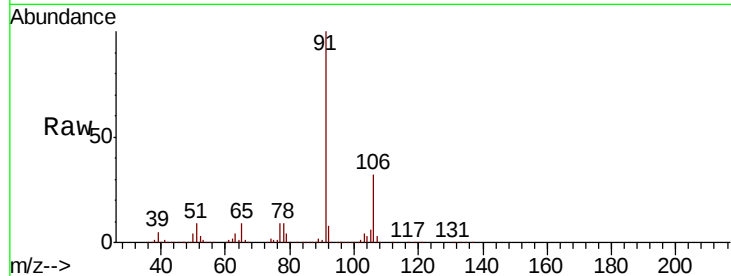
VSTDIC020

Tgt Ion: 91 Resp: 318648

Ion Ratio Lower Upper

91 100

106 32.1 25.9 38.9



#68

m/p-Xylenes

Concen: 41.170 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004723.D

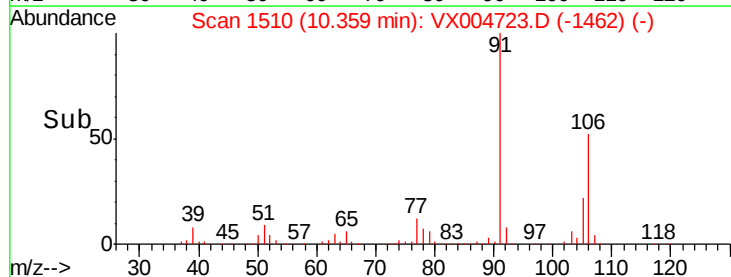
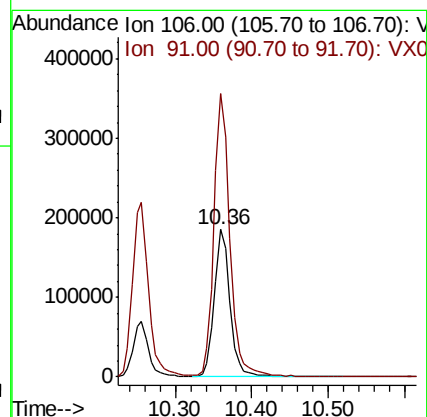
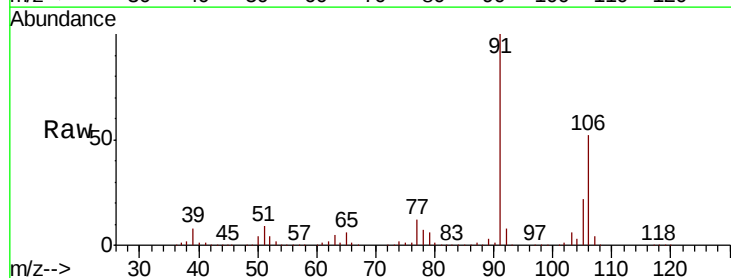
Acq: 26 Sep 2018 12:25

Tgt Ion: 106 Resp: 266005

Ion Ratio Lower Upper

106 100

91 194.6 157.1 235.7

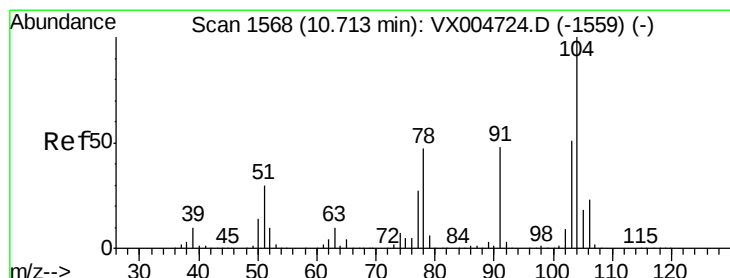
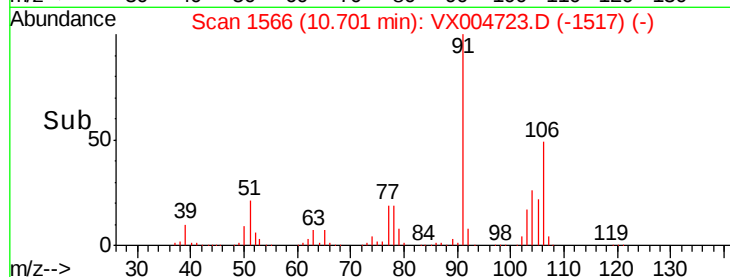
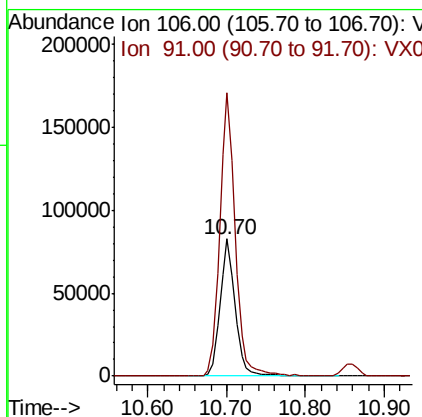
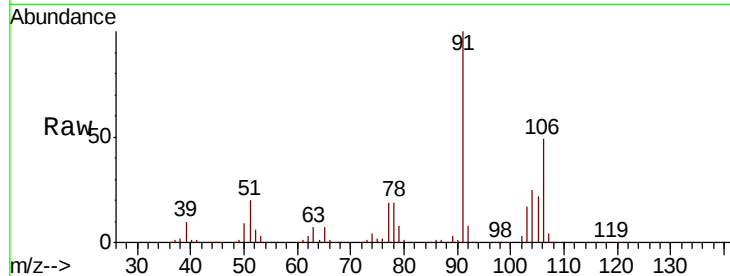




#69
o-Xylene
Concen: 18.962 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004723.D
Acq: 26 Sep 2018 12:25

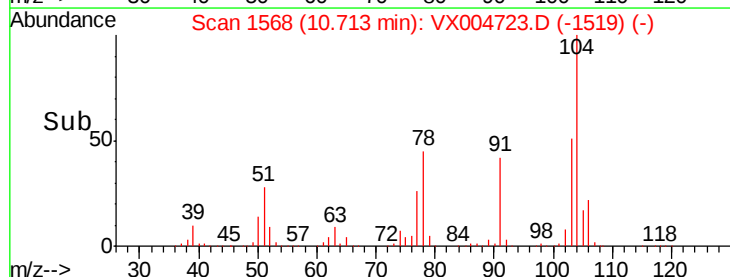
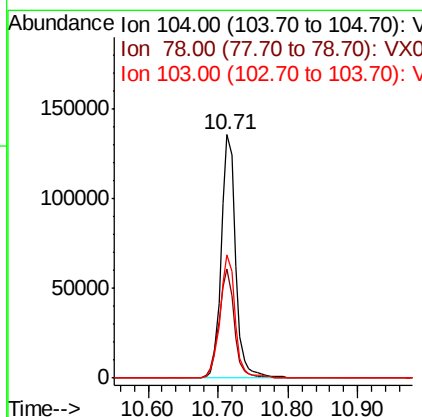
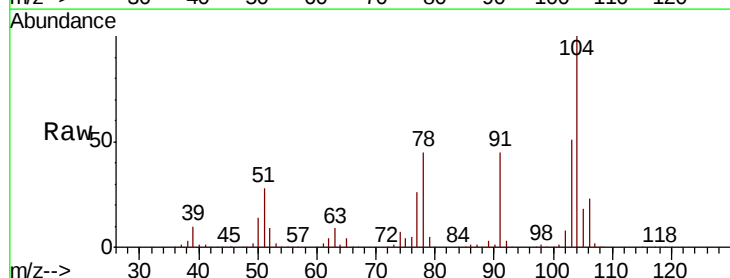
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

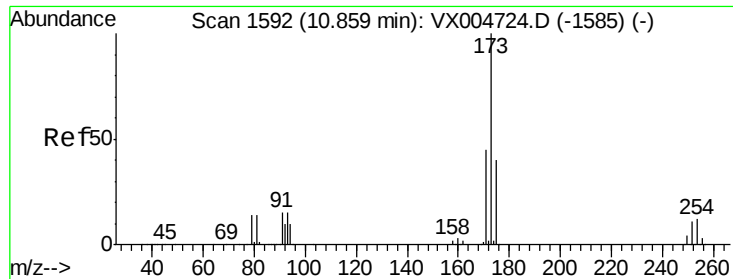
Tgt Ion:106 Resp: 110850
Ion Ratio Lower Upper
106 100
91 211.0 105.1 315.1



#70
Styrene
Concen: 19.448 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004723.D
Acq: 26 Sep 2018 12:25

Tgt Ion:104 Resp: 194547
Ion Ratio Lower Upper
104 100
78 48.1 37.4 56.0
103 53.6 43.8 65.6





#71

Bromoform

Concen: 17.218 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

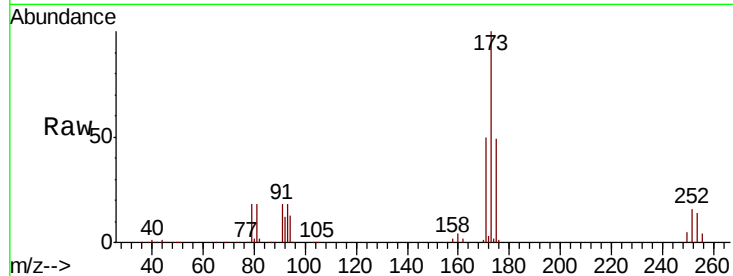
Tgt Ion:173 Resp: 53356

Ion Ratio Lower Upper

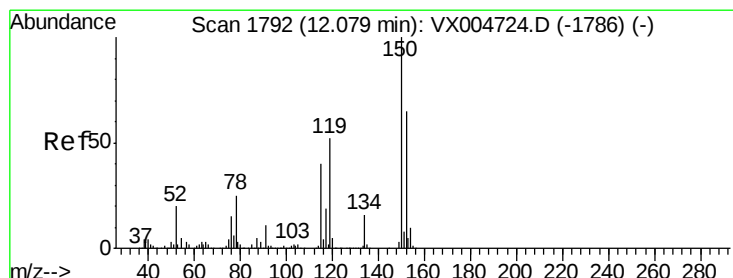
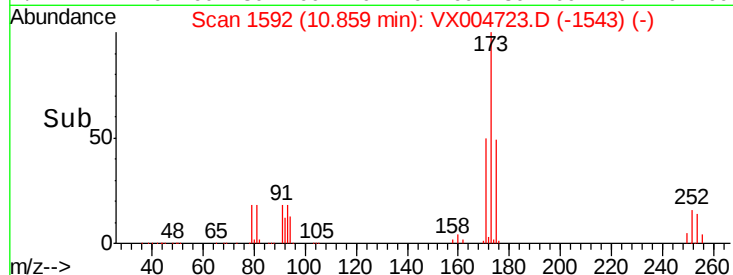
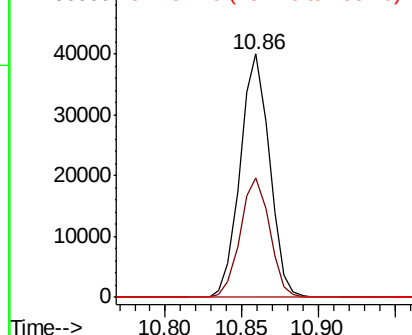
173 100

175 49.1 24.1 72.3

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

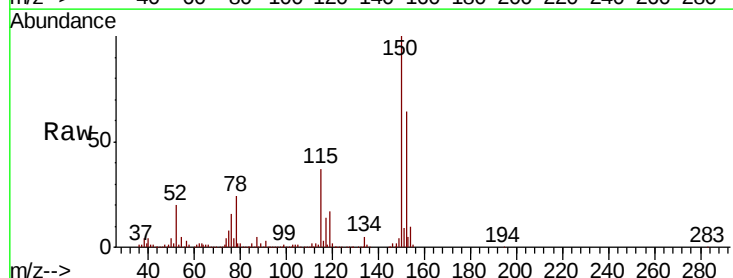
Tgt Ion:152 Resp: 214026

Ion Ratio Lower Upper

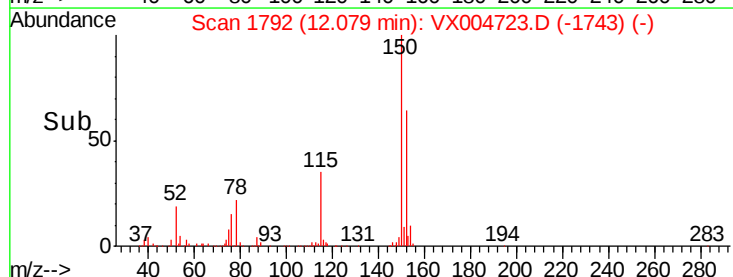
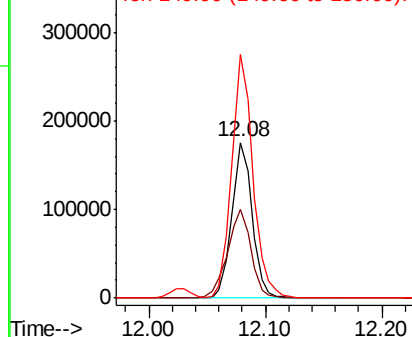
152 100

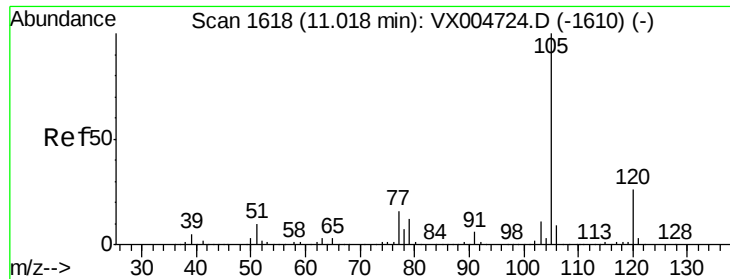
115 65.4 39.0 117.0

150 164.1 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.595 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

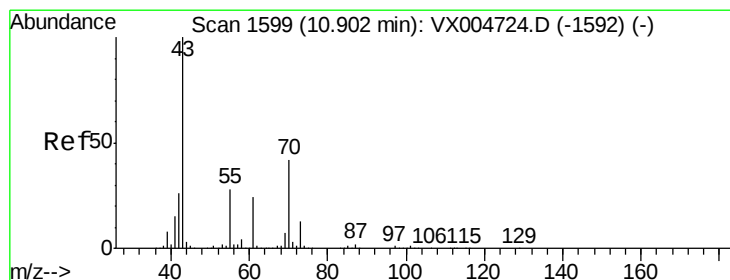
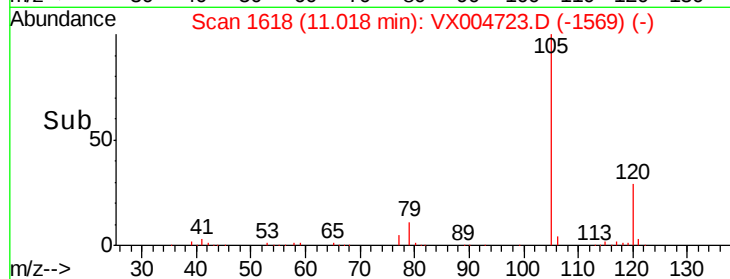
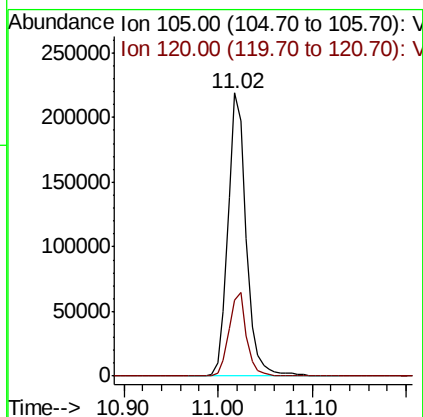
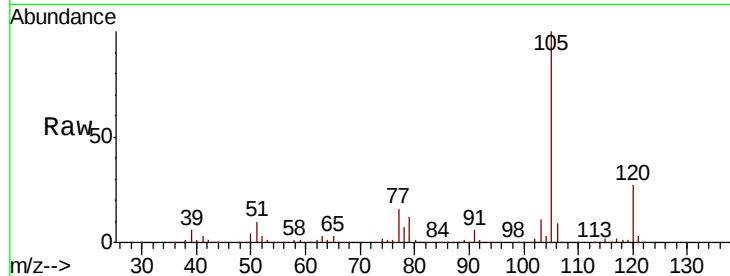
VSTDIC020

Tgt Ion: 105 Resp: 294795

Ion Ratio Lower Upper

105 100

120 28.5 13.5 40.4



#74

N-ethyl acetate

Concen: 18.575 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Tgt Ion: 43 Resp: 136496

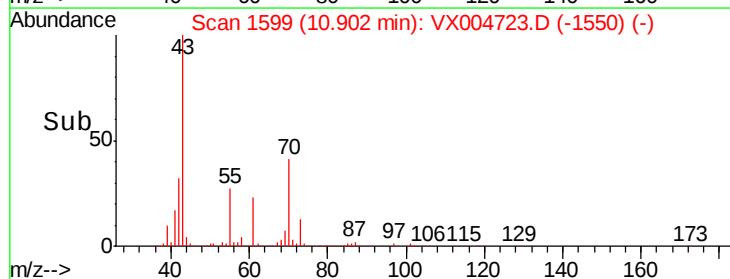
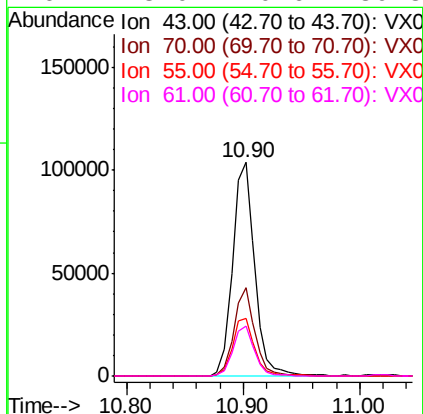
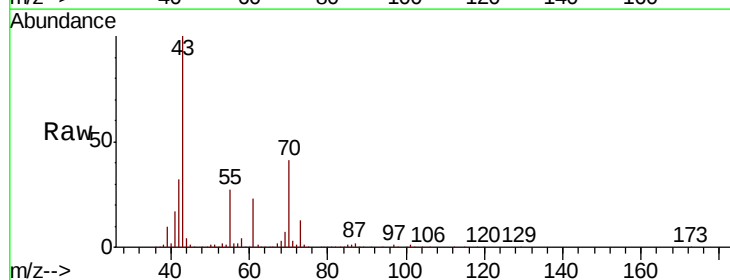
Ion Ratio Lower Upper

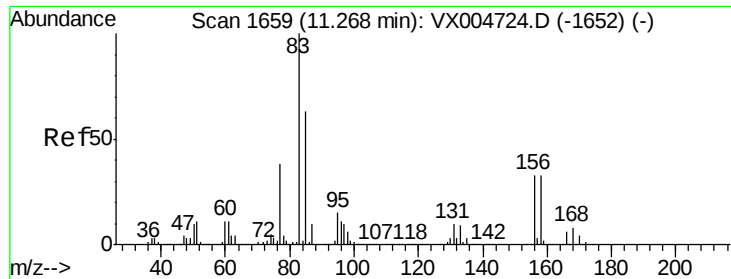
43 100

70 39.1 37.4 56.0

55 27.5 21.8 32.8

61 23.0 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.416 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

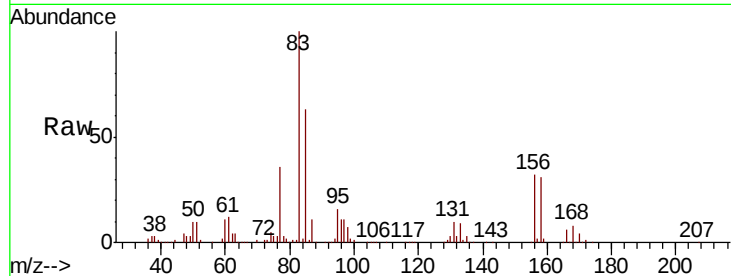
Tgt Ion: 83 Resp: 110491

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

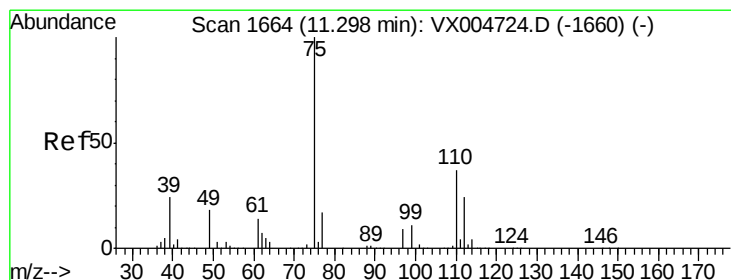
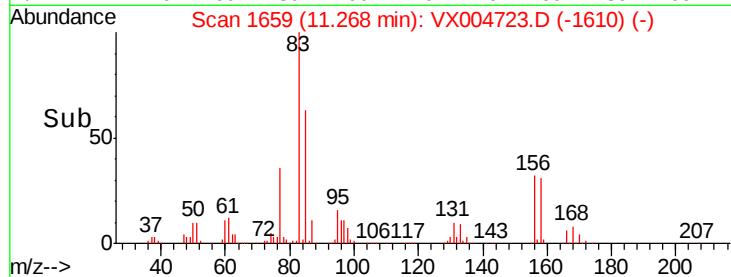
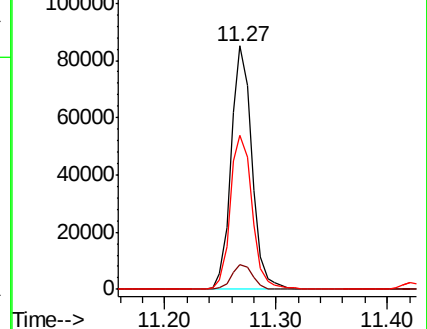
85 66.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.291 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004723.D

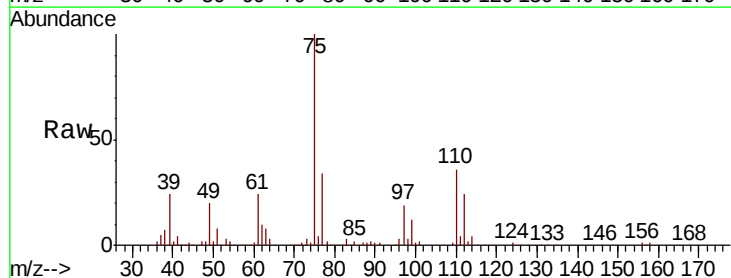
Acq: 26 Sep 2018 12:25

Tgt Ion: 75 Resp: 120465

Ion Ratio Lower Upper

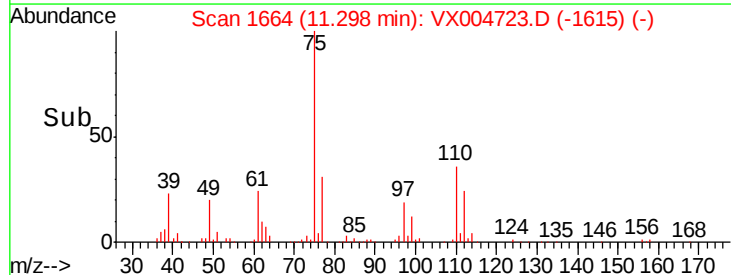
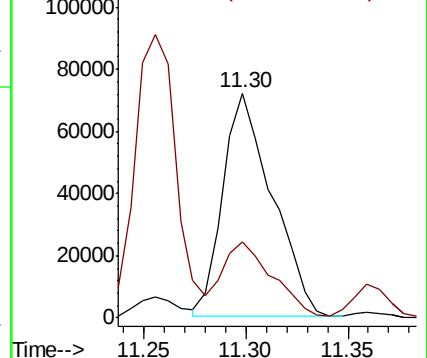
75 100

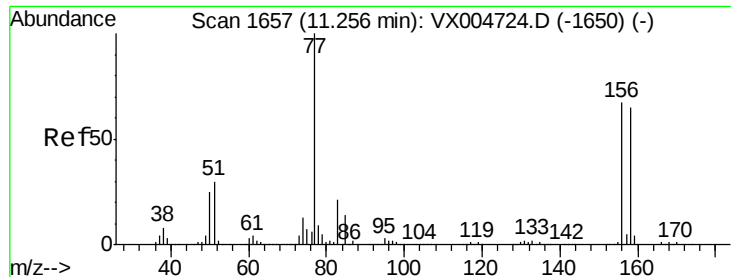
77 34.7 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.604 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

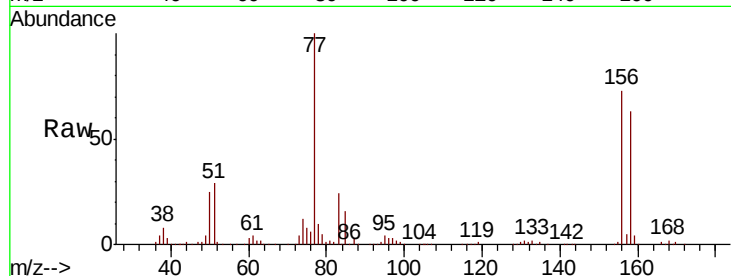
Tgt Ion:156 Resp: 84132

Ion Ratio Lower Upper

156 100

77 153.5 71.5 214.3

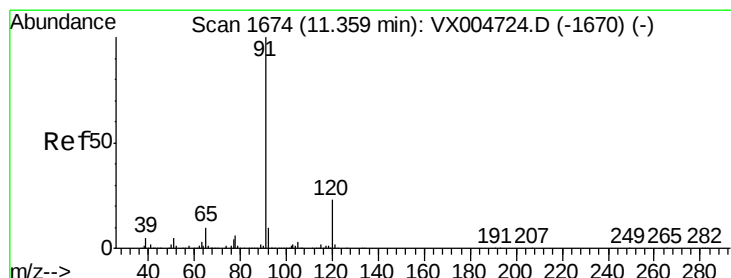
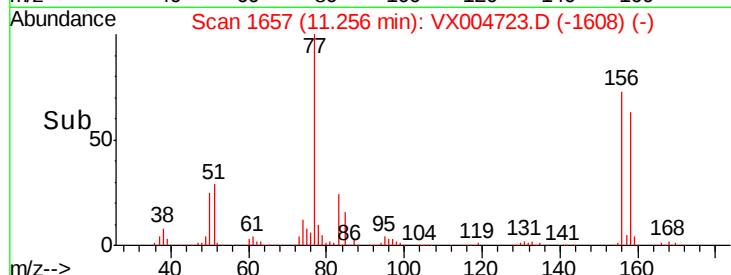
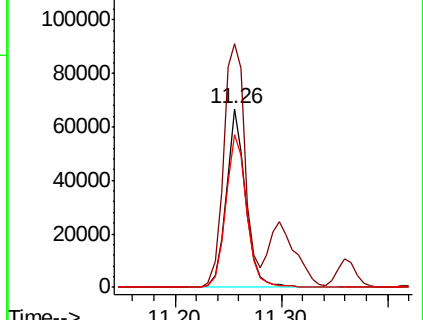
158 93.2 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.112 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004723.D

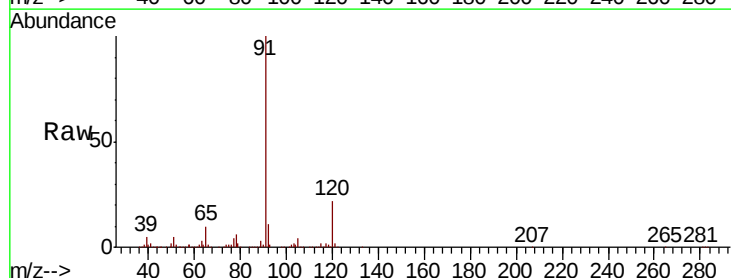
Acq: 26 Sep 2018 12:25

Tgt Ion: 91 Resp: 332479

Ion Ratio Lower Upper

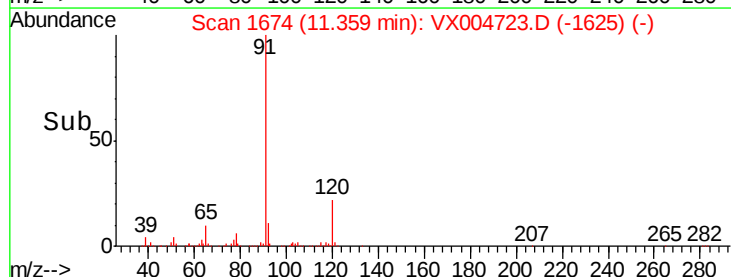
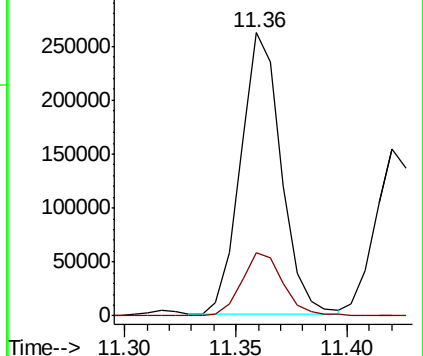
91 100

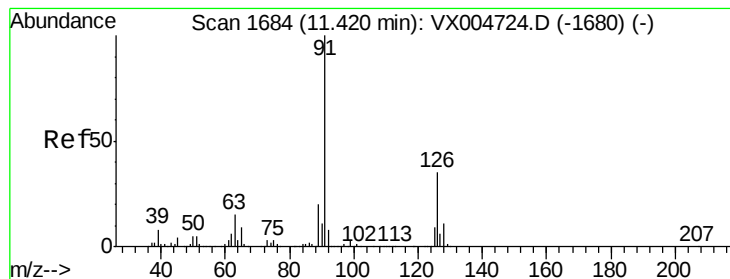
120 23.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.785 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

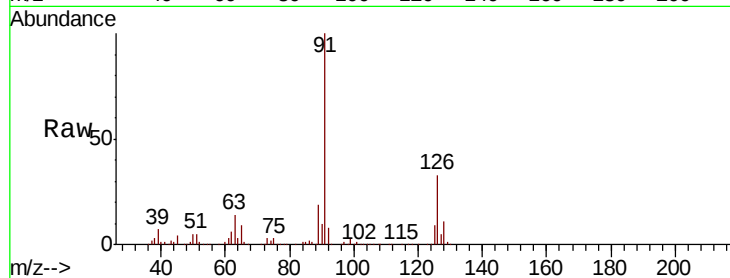
VSTDIC020

Tgt Ion: 91 Resp: 206593

Ion Ratio Lower Upper

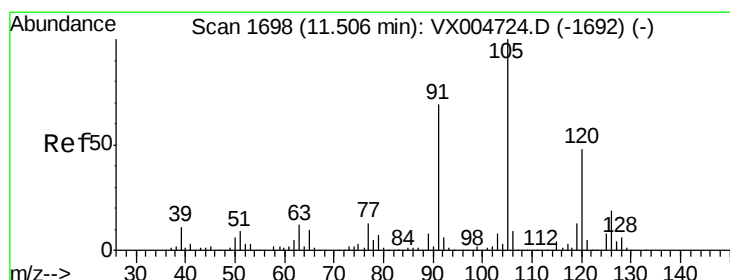
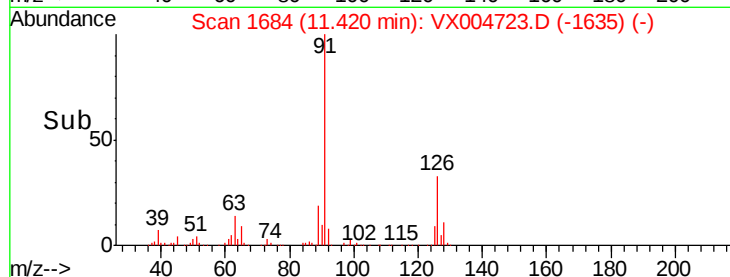
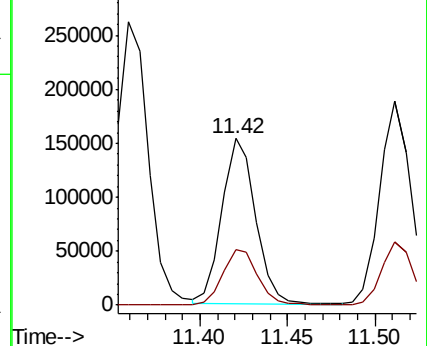
91 100

126 34.8 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.136 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004723.D

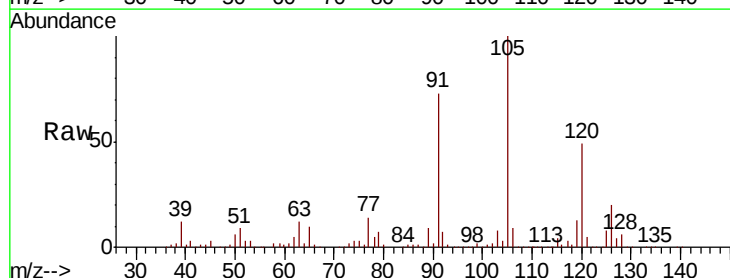
Acq: 26 Sep 2018 12:25

Tgt Ion: 105 Resp: 247941

Ion Ratio Lower Upper

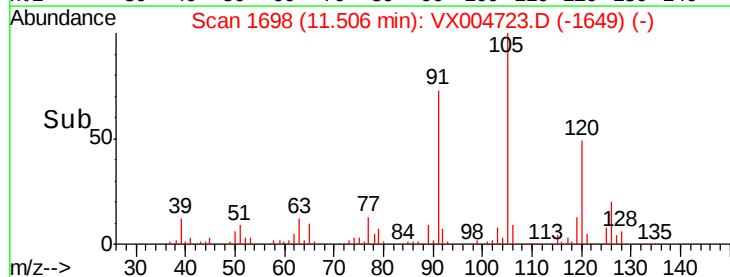
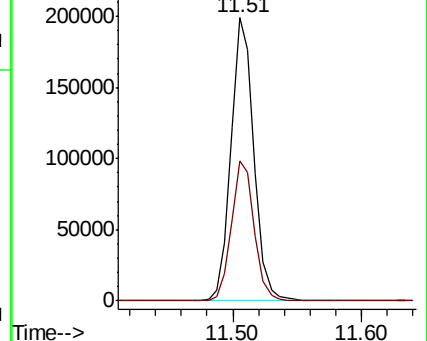
105 100

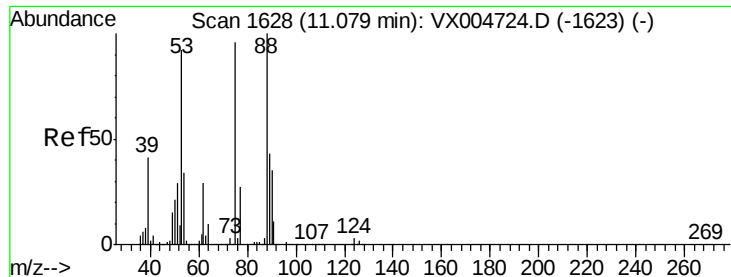
120 49.6 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

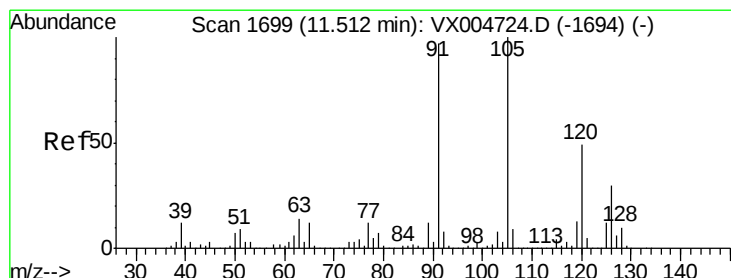
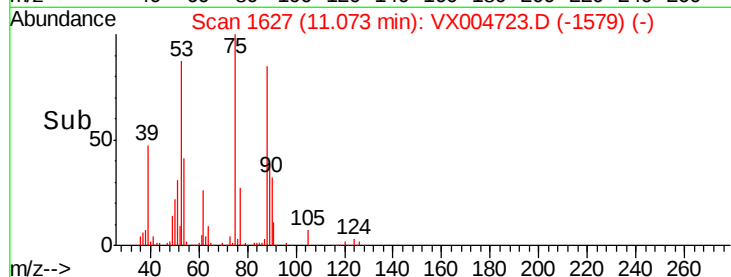
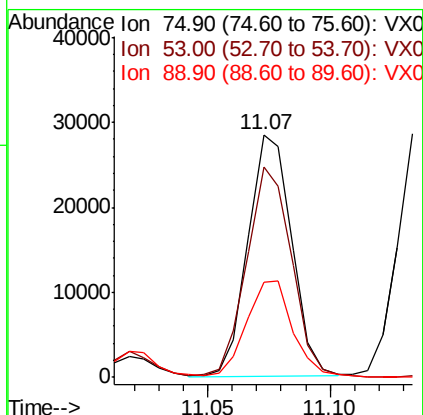
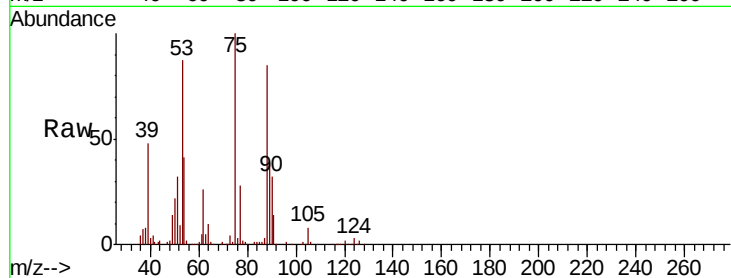




#81
trans-1,4-Dichloro-2-butene
Concen: 21.508 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VX004723.D
Acq: 26 Sep 2018 12:25

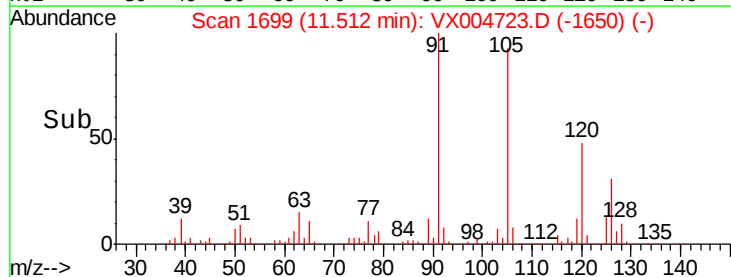
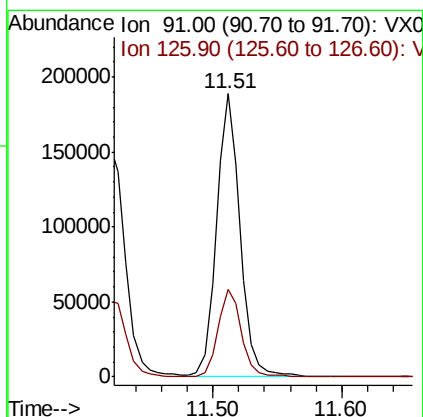
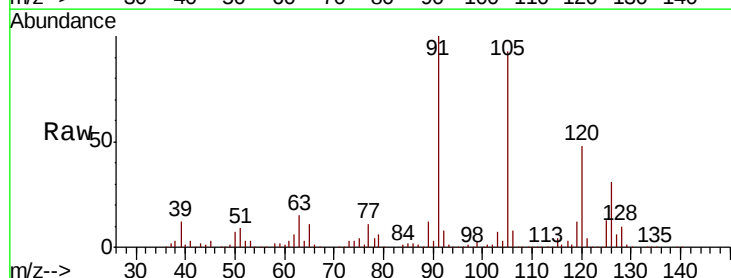
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

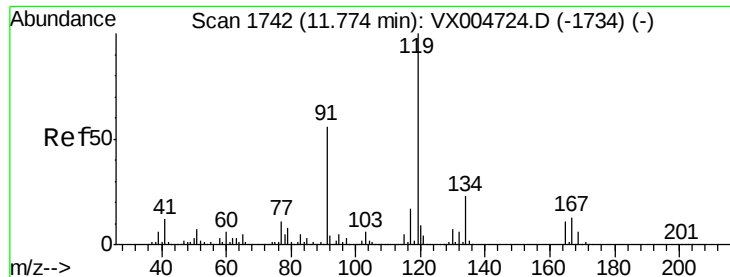
Tgt Ion: 75 Resp: 35435
Ion Ratio Lower Upper
75 100
53 89.4 80.1 120.1
89 42.9 37.2 55.8



#82
4-Chlorotoluene
Concen: 19.454 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX004723.D
Acq: 26 Sep 2018 12:25

Tgt Ion: 91 Resp: 241612
Ion Ratio Lower Upper
91 100
126 30.8 15.5 46.5

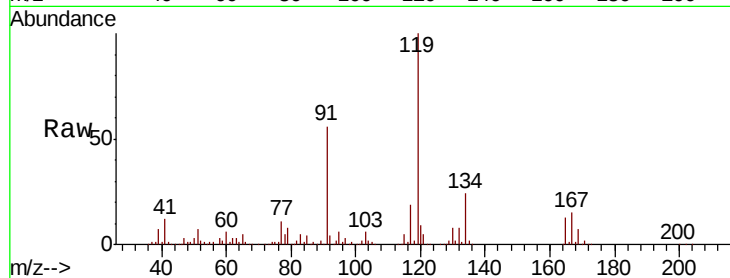




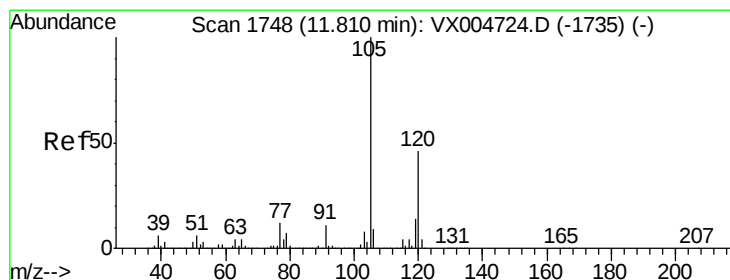
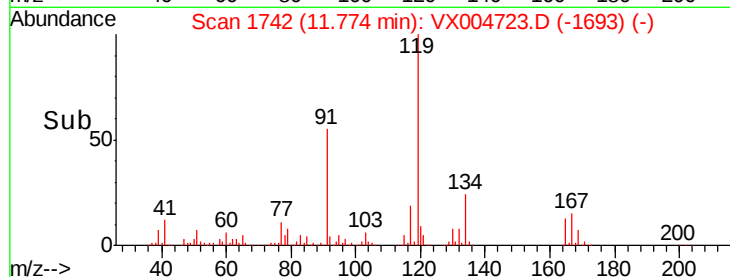
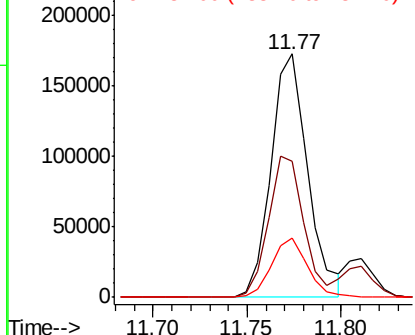
#83
 tert-Butylbenzene
 Concen: 18.921 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004723.D
 Acq: 26 Sep 2018 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:119 Resp: 233254
 Ion Ratio Lower Upper
 119 100
 91 55.5 27.0 81.0
 134 23.9 11.7 35.1

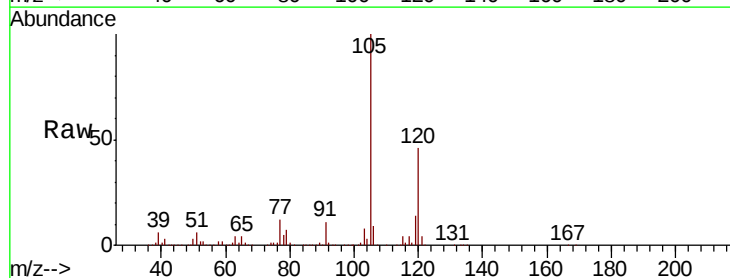


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

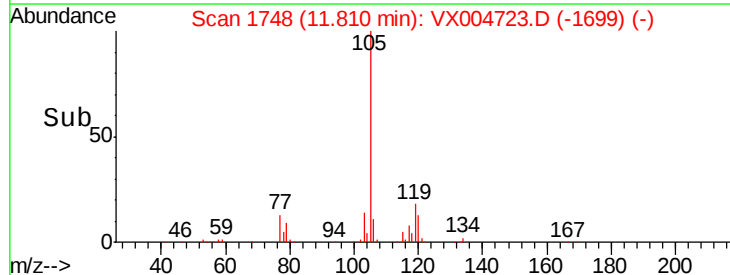
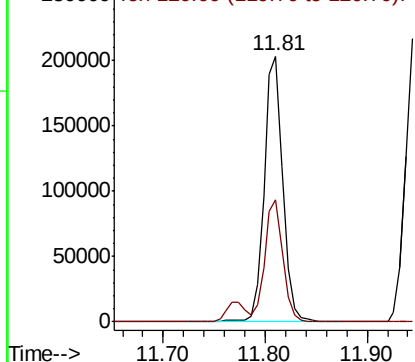


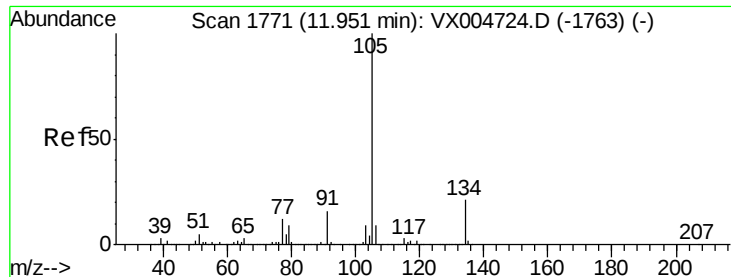
#84
 1,2,4-Trimethylbenzene
 Concen: 19.368 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004723.D
 Acq: 26 Sep 2018 12:25

Tgt Ion:105 Resp: 258189
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.2 69.6



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

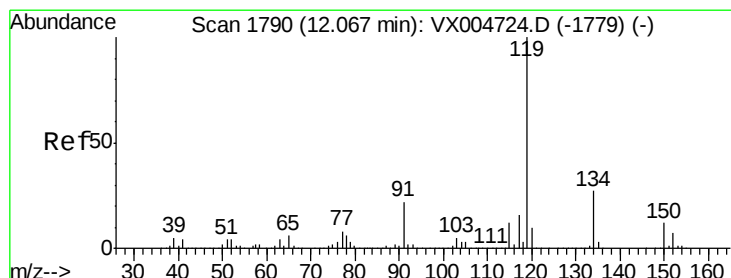
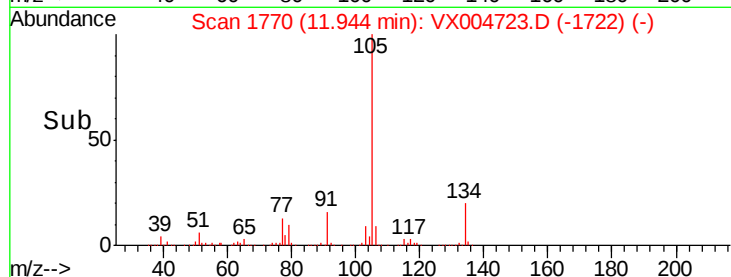
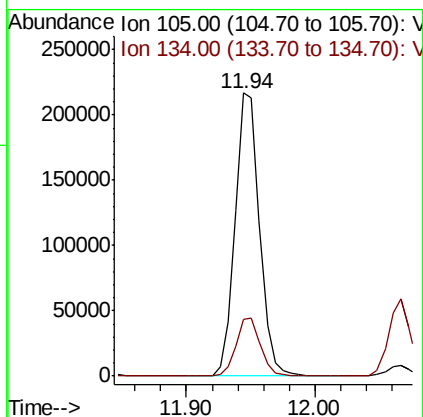
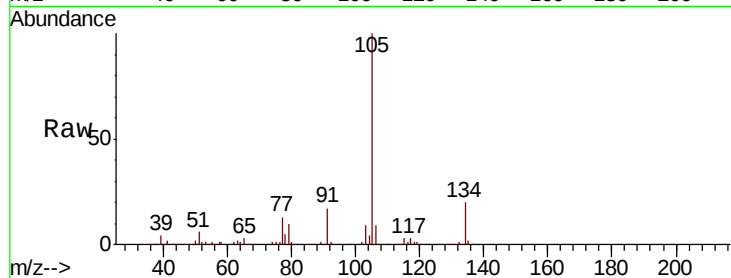




#85
 sec-Butylbenzene
 Concen: 19.090 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX004723.D
 Acq: 26 Sep 2018 12:25

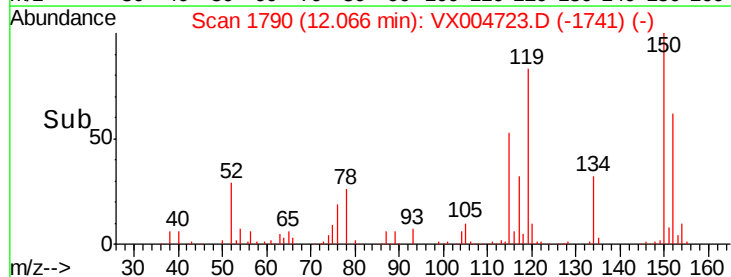
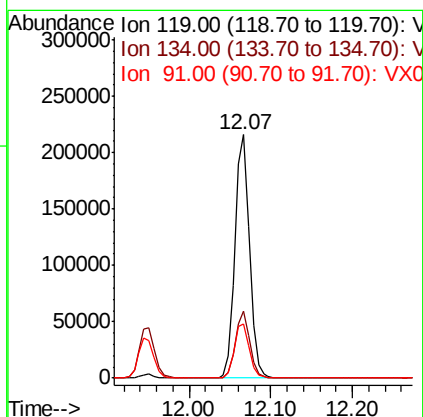
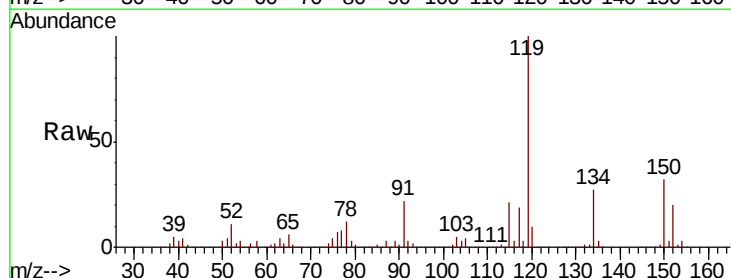
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

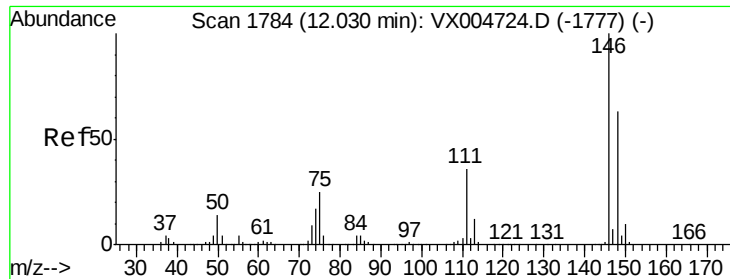
Tgt Ion:105 Resp: 286415
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 19.117 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004723.D
 Acq: 26 Sep 2018 12:25

Tgt Ion:119 Resp: 260672
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.2
 91 22.9 10.9 32.7

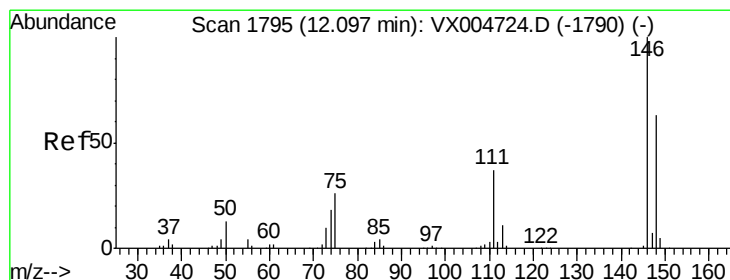
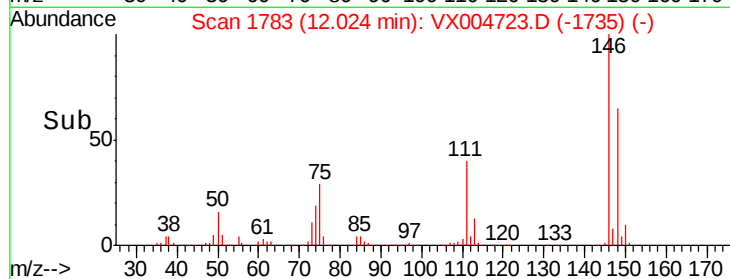
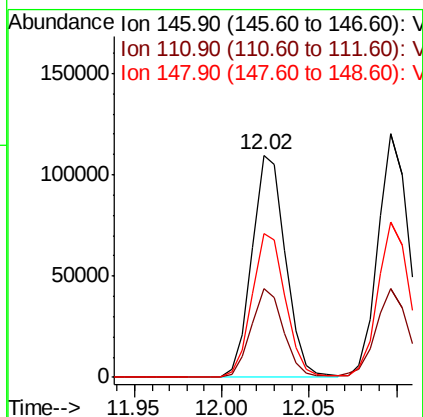
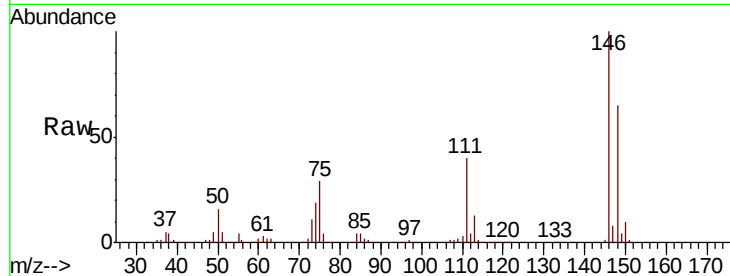




#87
 1,3-Dichlorobenzene
 Concen: 19.369 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004723.D
 Acq: 26 Sep 2018 12:25

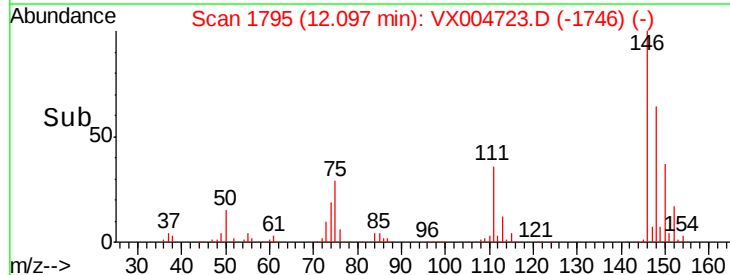
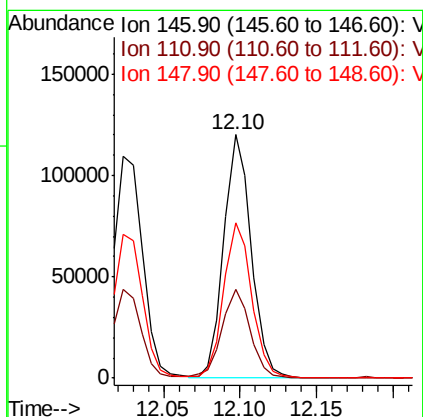
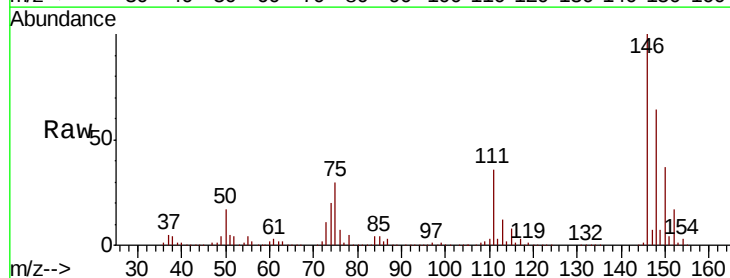
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:146 Resp: 146595
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.7 56.1
 148 64.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.541 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004723.D
 Acq: 26 Sep 2018 12:25

Tgt Ion:146 Resp: 150118
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.1 54.1
 148 65.1 32.0 96.0

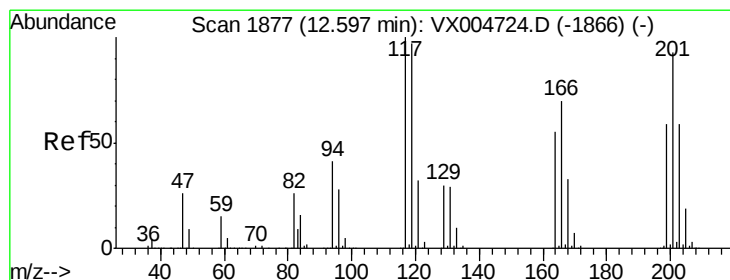
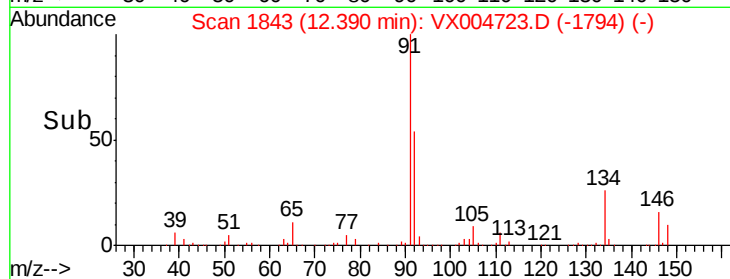
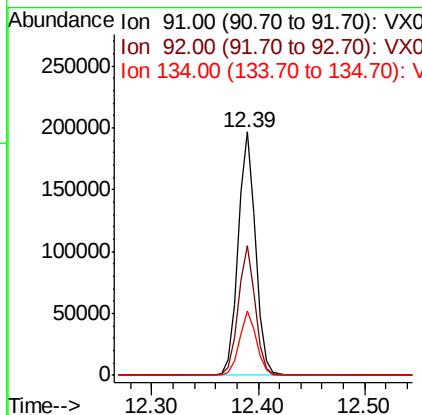
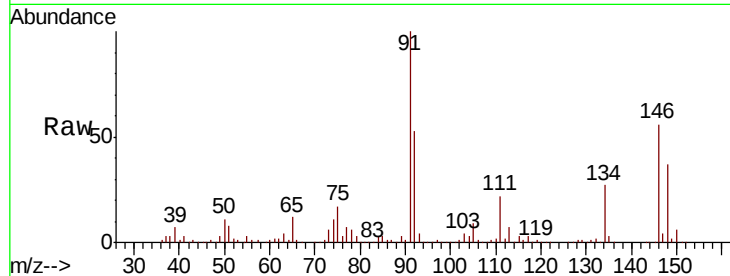




#89
n-Butylbenzene
Concen: 18.292 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004723.D
Acq: 26 Sep 2018 12:25

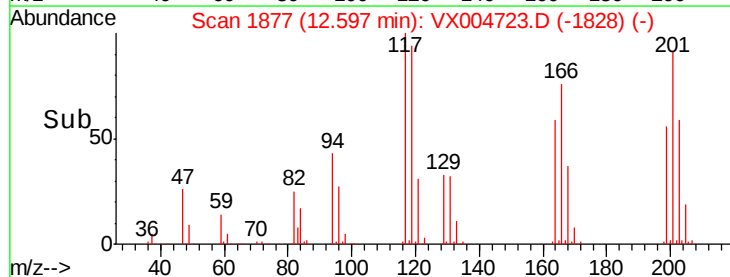
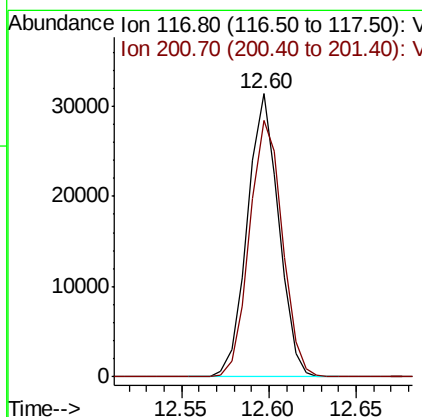
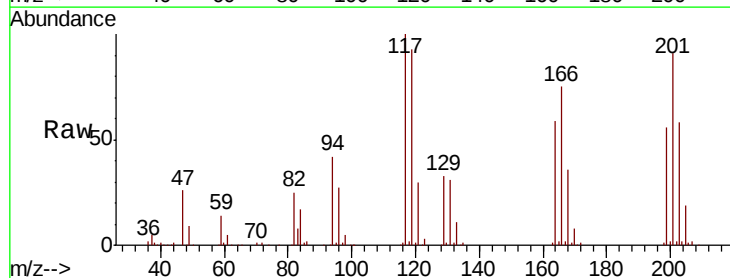
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

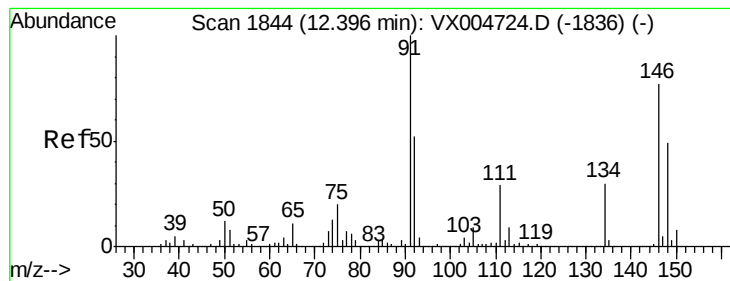
Tgt Ion: 91 Resp: 224373
Ion Ratio Lower Upper
91 100
92 52.1 27.3 81.9
134 26.0 13.6 40.7



#90
Hexachloroethane
Concen: 19.123 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004723.D
Acq: 26 Sep 2018 12:25

Tgt Ion: 117 Resp: 39042
Ion Ratio Lower Upper
117 100
201 94.9 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 19.421 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

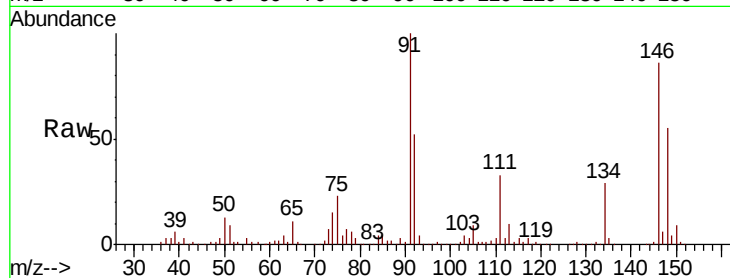
Tgt Ion:146 Resp: 150144

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.1

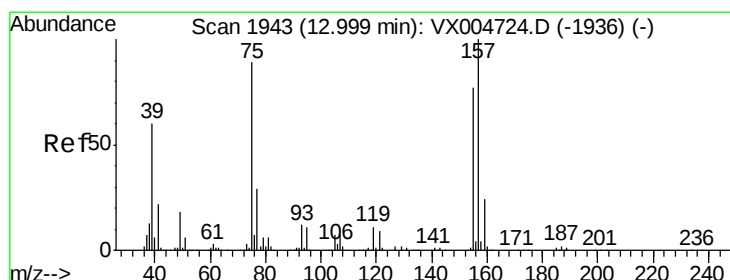
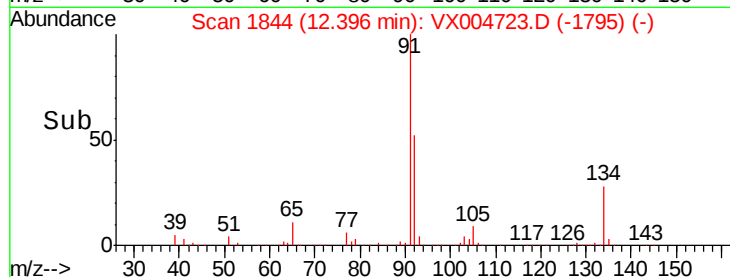
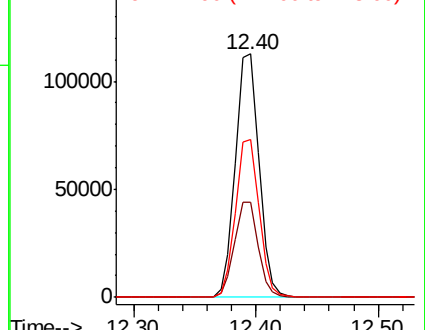
148 64.5 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.582 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

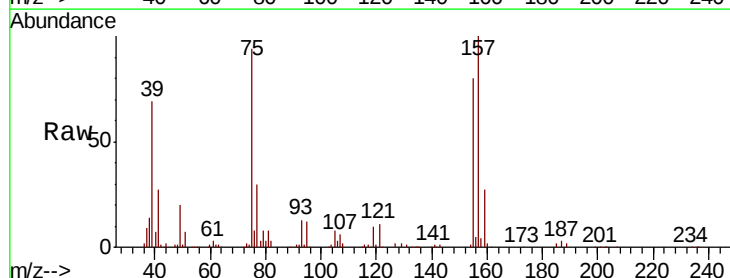
Tgt Ion: 75 Resp: 23862

Ion Ratio Lower Upper

75 100

155 89.8 48.0 144.2

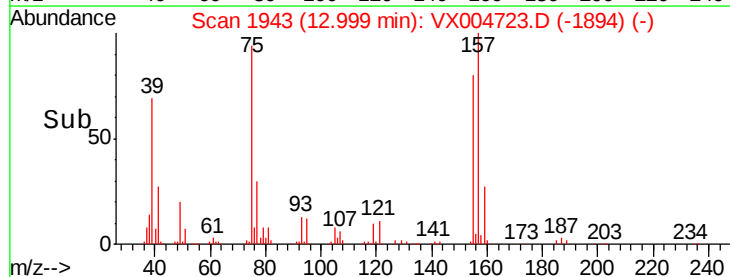
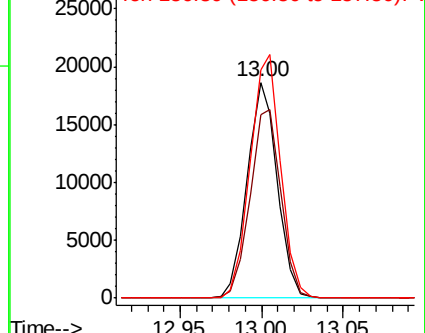
157 114.5 61.4 184.1

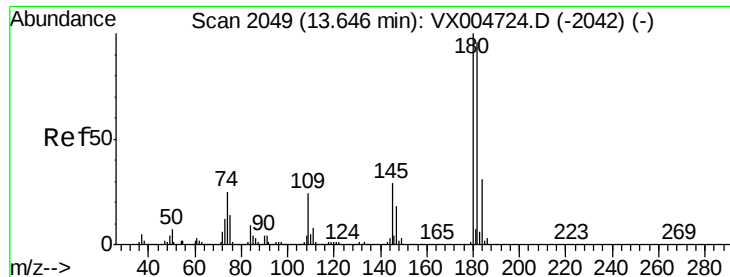


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 18.790 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

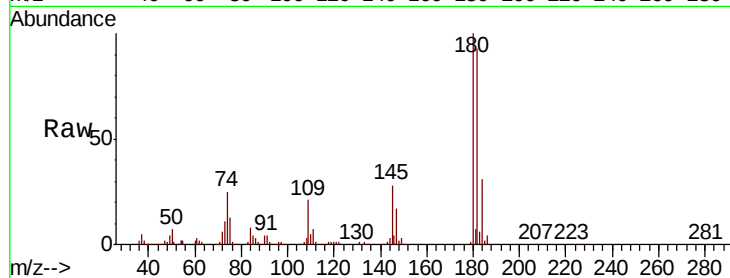
Tgt Ion:180 Resp: 106759

Ion Ratio Lower Upper

180 100

182 94.6 48.4 145.0

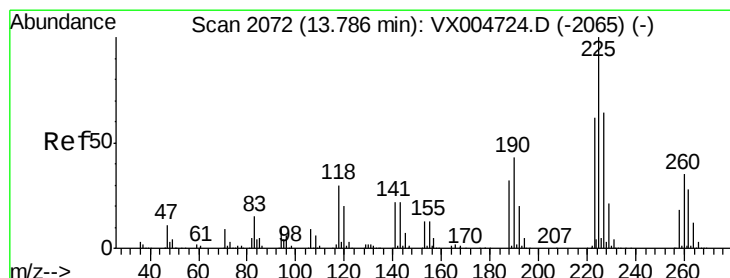
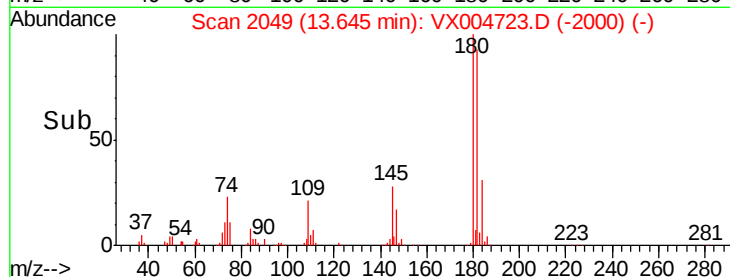
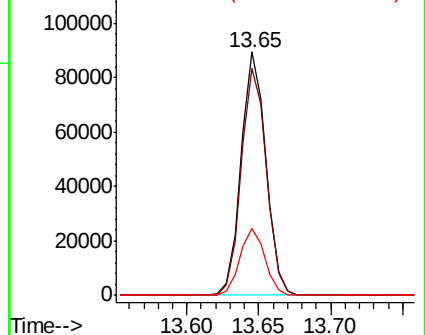
145 27.8 14.3 42.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.537 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

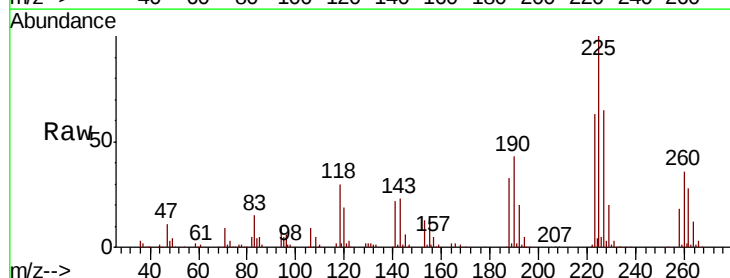
Tgt Ion:225 Resp: 53273

Ion Ratio Lower Upper

225 100

223 63.4 30.1 90.5

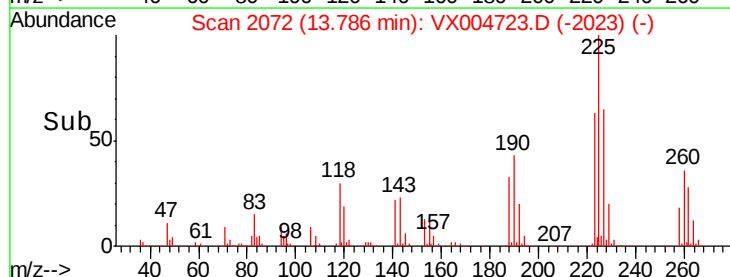
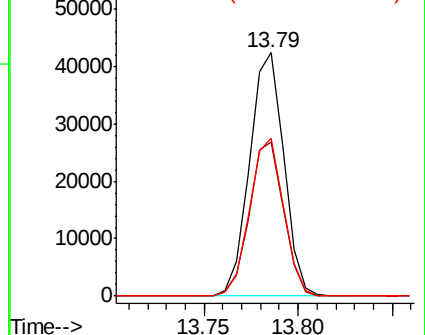
227 64.7 30.8 92.4



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.993 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

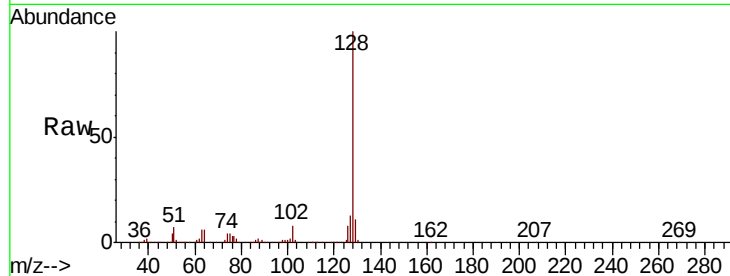
Tgt Ion:128 Resp: 327908

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

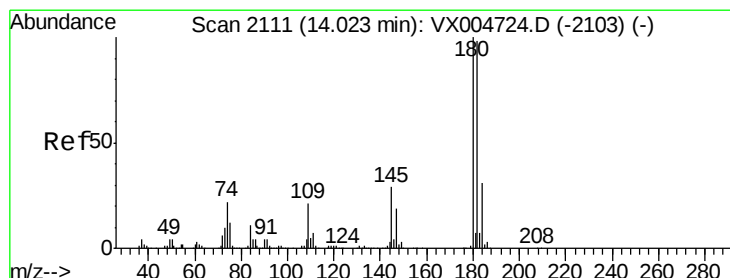
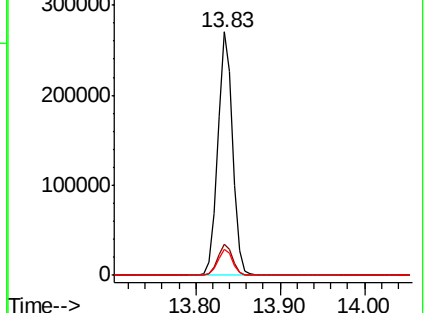
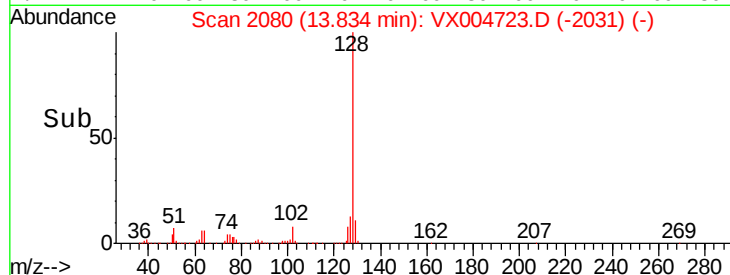
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.794 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004723.D

Acq: 26 Sep 2018 12:25

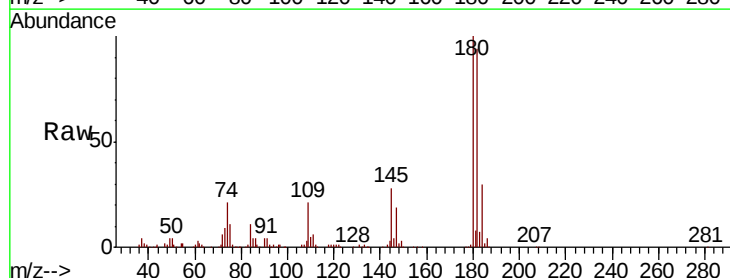
Tgt Ion:180 Resp: 110031

Ion Ratio Lower Upper

180 100

182 95.6 48.5 145.6

145 29.2 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

