

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
 Data File : VX004722.D
 Acq On : 26 Sep 2018 11:59
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 26 13:19:13 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	293577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	438294	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	382401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	251426	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	23074	5.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.30%	
35) Dibromofluoromethane	5.51	113	19001	4.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.76%	
50) Toluene-d8	8.72	98	63570	5.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.96%	
62) 4-Bromofluorobenzene	11.14	95	21203	5.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.16%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	15569	3.305	ug/l 98
3) Chloromethane	1.32	50	22621	4.356	ug/l 99
4) Vinyl Chloride	1.40	62	22127	4.536	ug/l 94
5) Bromomethane	1.64	94	14033	5.006	ug/l 93
6) Chloroethane	1.71	64	14921	5.592	ug/l 96
7) Trichlorofluoromethane	1.92	101	28007	4.485	ug/l 94
8) Diethyl Ether	2.19	74	12830	5.397	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	16804	5.399	ug/l 97
10) Methyl Iodide	2.51	142	19214	3.811	ug/l 96
11) Tert butyl alcohol	3.08	59	30062	25.315	ug/l 96
12) 1,1-Dichloroethene	2.37	96	17572	5.707	ug/l 89
13) Acrolein	2.29	56	20661	25.322	ug/l 97
14) Allyl chloride	2.73	41	37283	5.200	ug/l 93
15) Acrylonitrile	3.15	53	70286	25.991	ug/l 99
16) Acetone	2.45	43	60582	23.750	ug/l 97
17) Carbon Disulfide	2.56	76	46972	4.780	ug/l 98
18) Methyl Acetate	2.78	43	31929	5.141	ug/l 93
19) Methyl tert-butyl Ether	3.20	73	55586	5.134	ug/l 96
20) Methylene Chloride	2.85	84	21066	5.210	ug/l 96
21) trans-1,2-Dichloroethene	3.16	96	18718	5.168	ug/l 97
22) Diisopropyl ether	3.87	45	58924	4.875	ug/l 94
23) Vinyl Acetate	3.82	43	261545	22.805	ug/l 97
24) 1,1-Dichloroethane	3.70	63	37014	5.082	ug/l 99
25) 2-Butanone	4.71	43	91935	24.791	ug/l 93
26) 2,2-Dichloropropane	4.59	77	24008	4.961	ug/l 96
27) cis-1,2-Dichloroethene	4.59	96	20148	4.987	ug/l 99
28) Bromochloromethane	5.01	49	16939	5.299	ug/l 93
29) Tetrahydrofuran	5.16	42	56376	23.536	ug/l 91
30) Chloroform	5.22	83	35312	5.575	ug/l 100
31) Cyclohexane	5.57	56	25522	4.277	ug/l 93
32) 1,1,1-Trichloroethane	5.49	97	27565	5.092	ug/l 98
36) 1,1-Dichloropropene	5.79	75	24272	4.915	ug/l 99
37) Ethyl Acetate	4.86	43	32903	4.875	ug/l 99
38) Carbon Tetrachloride	5.78	117	24065	4.621	ug/l 94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
 Data File : VX004722.D
 Acq On : 26 Sep 2018 11:59
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Quant Time: Sep 26 13:19:13 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)
39) Methylcyclohexane	7.46	83	24198	4.780	ug/l	93
40) Benzene	6.14	78	77626	5.104	ug/l	98
41) Methacrylonitrile	5.06	41	15878	4.085	ug/l	94
42) 1,2-Dichloroethane	6.20	62	27993	5.129	ug/l	100
43) Isopropyl Acetate	6.46	43	43818	4.216	ug/l	95
44) Trichloroethene	7.21	130	19962	5.634	ug/l	93
45) 1,2-Dichloropropane	7.52	63	19310	5.306	ug/l	100
46) Dibromomethane	7.66	93	11371	5.013	ug/l	96
47) Bromodichloromethane	7.90	83	21686	4.992	ug/l #	94
48) Methyl methacrylate	7.77	41	18910	4.217	ug/l	97
49) 1,4-Dioxane	7.76	88	10718	95.267	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	145441	23.654	ug/l	95
52) Toluene	8.78	92	43751	5.003	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	21917	4.007	ug/l	95
54) cis-1,3-Dichloropropene	8.44	75	25327	4.730	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	19136	5.015	ug/l	94
56) Ethyl methacrylate	9.18	69	24564	4.229	ug/l	99
57) 1,3-Dichloropropane	9.37	76	30485	4.671	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.32	63	64250	20.695	ug/l	93
59) 2-Hexanone	9.50	43	119975	21.856	ug/l	91
60) Dibromochloromethane	9.59	129	17066	4.093	ug/l	94
61) 1,2-Dibromoethane	9.67	107	21699	5.008	ug/l	98
64) Tetrachloroethene	9.34	164	19731	5.149	ug/l	89
65) Chlorobenzene	10.14	112	49597	5.157	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	17927	5.337	ug/l	97
67) Ethyl Benzene	10.26	91	81498	5.299	ug/l	95
68) m/p-Xylenes	10.36	106	60848	9.671	ug/l	97
69) o-Xylene	10.70	106	26119	4.588	ug/l	99
70) Styrene	10.71	104	42752	4.389	ug/l	95
71) Bromoform	10.85	173	13602	4.508	ug/l #	98
73) Isopropylbenzene	11.02	105	69956	3.958	ug/l	98
74) N-amyl acetate	10.90	43	28415	3.292	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	30745	4.836	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	35365	6.070	ug/l	86
77) Bromobenzene	11.26	156	21437	4.469	ug/l	99
78) n-propylbenzene	11.36	91	76381	3.737	ug/l	98
79) 2-Chlorotoluene	11.42	91	49643	4.047	ug/l	92
80) 1,3,5-Trimethylbenzene	11.51	105	57035	3.747	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	6967	3.600	ug/l	88
82) 4-Chlorotoluene	11.51	91	62822	4.306	ug/l	99
83) tert-Butylbenzene	11.77	119	52001	3.591	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	56462	3.605	ug/l	97
85) sec-Butylbenzene	11.94	105	73014	4.143	ug/l	96
86) p-Isopropyltoluene	12.07	119	65056	4.061	ug/l	96
87) 1,3-Dichlorobenzene	12.03	146	40747	4.583	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	45756	5.070	ug/l	93
89) n-Butylbenzene	12.39	91	56496	3.921	ug/l	96
90) Hexachloroethane	12.60	117	10809	4.507	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	44874	4.941	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	6787	4.741	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004722.D
Acq On : 26 Sep 2018 11:59
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Sep 26 13:19:13 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)
93) 1,2,4-Trichlorobenzene	13.65	180	28782	4.312	ug/l	98
94) Hexachlorobutadiene	13.79	225	16472	5.142	ug/l	96
95) Naphthalene	13.83	128	80975	3.782	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	31403	4.566	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

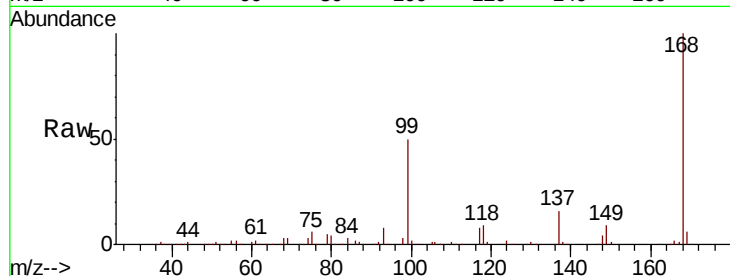
VSTDIC005

Tgt Ion:168 Resp: 293577

Ion Ratio Lower Upper

168 100

99 49.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX004722.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX004722.D (-727) (-)

5.67

100000

80000

60000

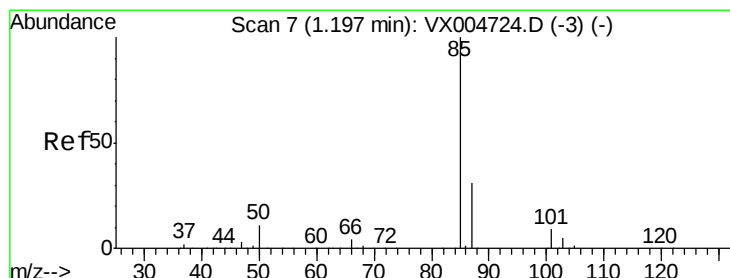
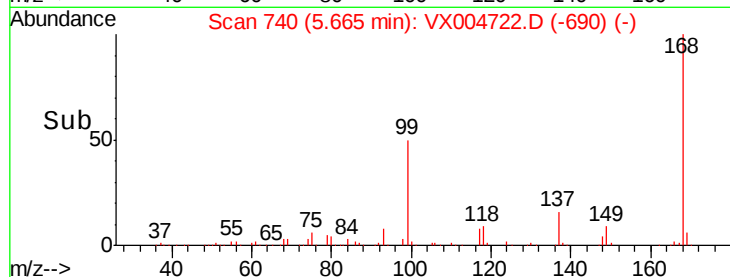
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 3.305 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX004722.D

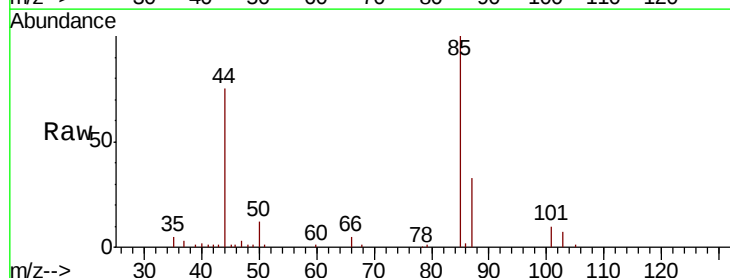
Acq: 26 Sep 2018 11:59

Tgt Ion: 85 Resp: 15569

Ion Ratio Lower Upper

85 100

87 32.6 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX004722.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX004722.D (-3) (-)

1.20

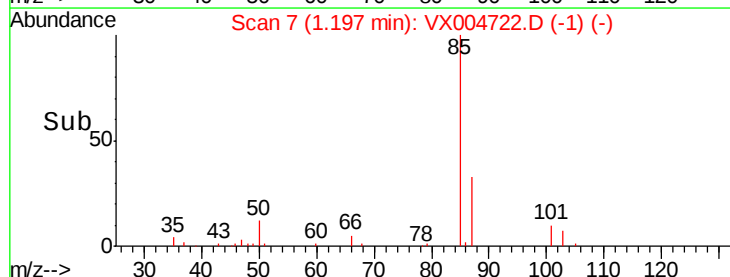
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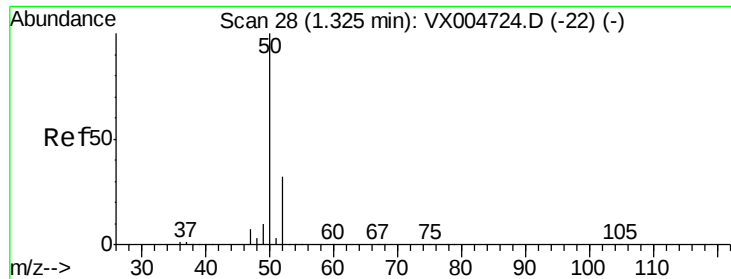
5000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 4.356 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

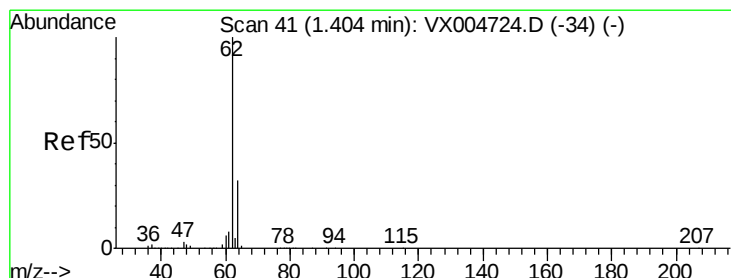
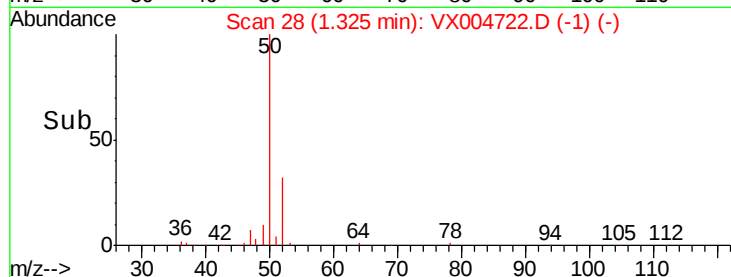
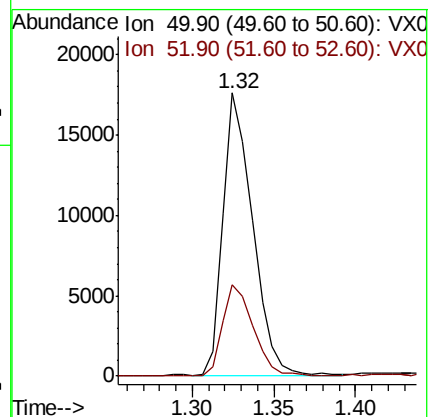
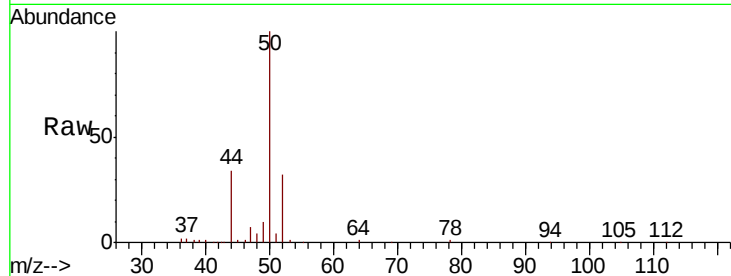
VSTDIC005

Tgt Ion: 50 Resp: 22621

Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.2



#4

Vinyl Chloride

Concen: 4.536 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004722.D

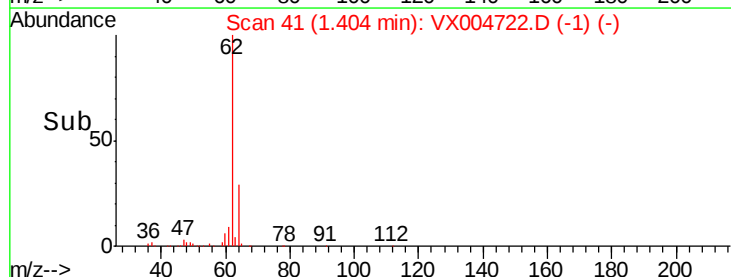
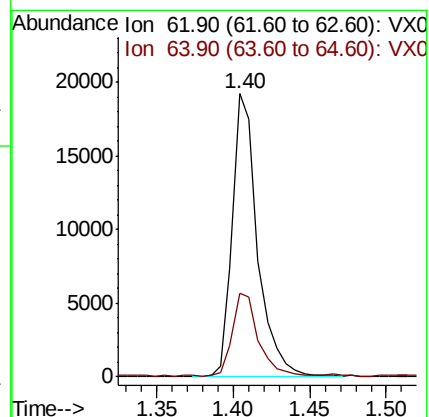
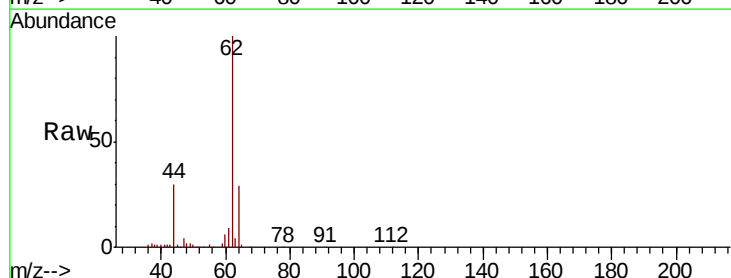
Acq: 26 Sep 2018 11:59

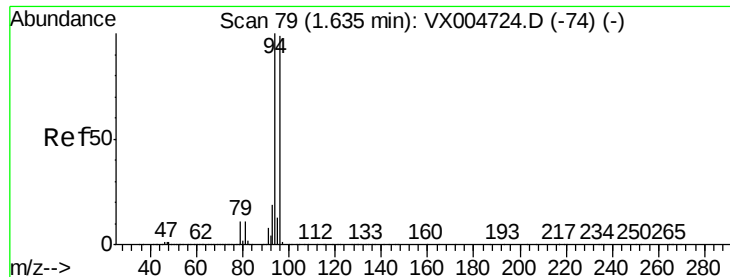
Tgt Ion: 62 Resp: 22127

Ion Ratio Lower Upper

62 100

64 29.0 25.8 38.8





#5

Bromomethane

Concen: 5.006 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

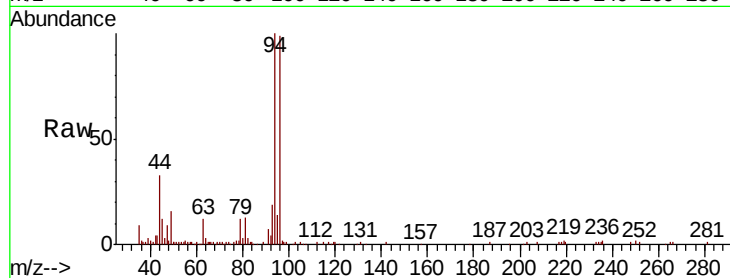
VSTDIC005

Tgt Ion: 94 Resp: 14033

Ion Ratio Lower Upper

94 100

96 99.4 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

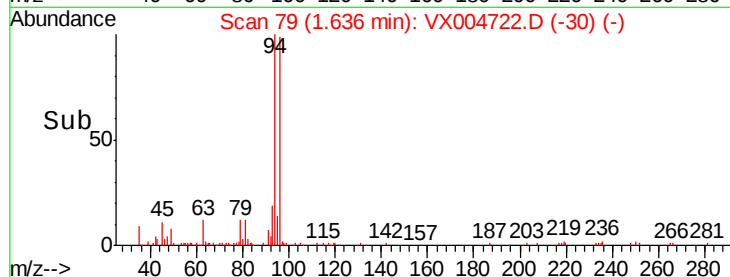
15000

10000

5000

0

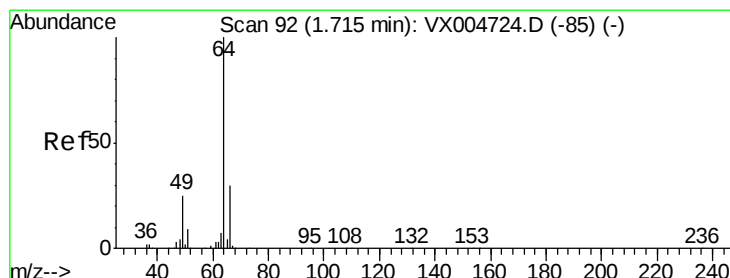
Time-->



1.64

1.65

1.70



#6

Chloroethane

Concen: 5.592 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX004722.D

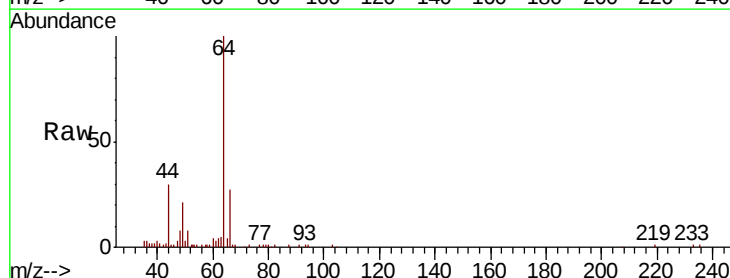
Acq: 26 Sep 2018 11:59

Tgt Ion: 64 Resp: 14921

Ion Ratio Lower Upper

64 100

66 28.6 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

12000

10000

8000

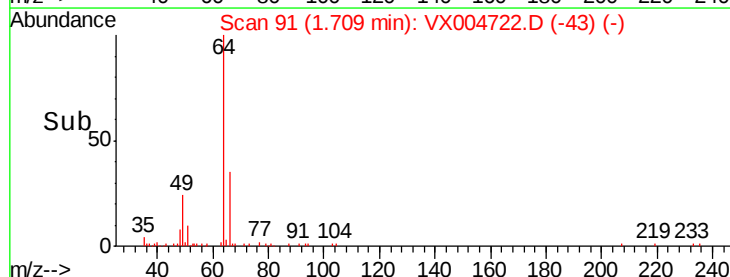
6000

4000

2000

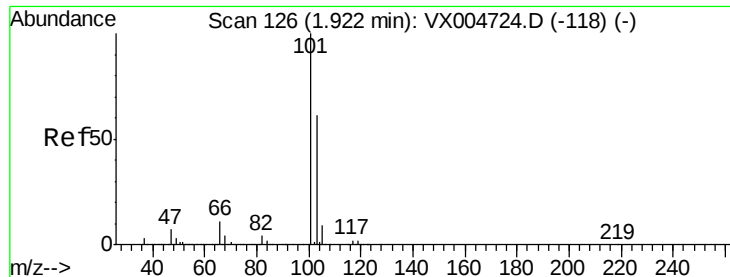
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Time-->



1.71

1.75

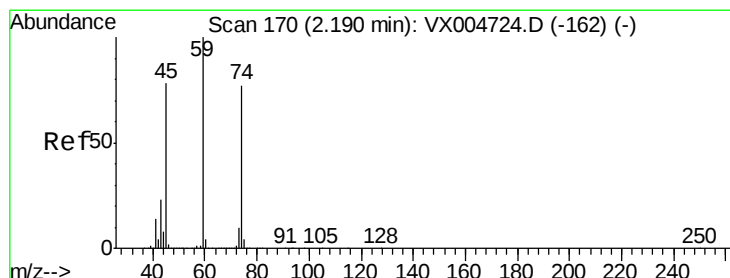
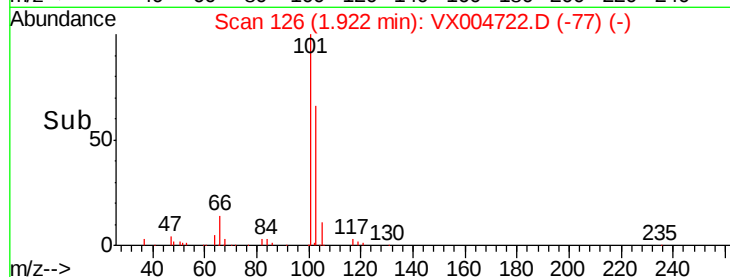
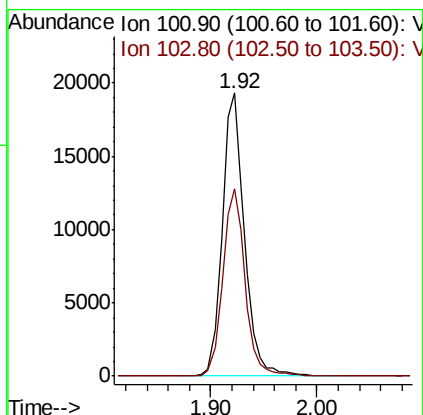
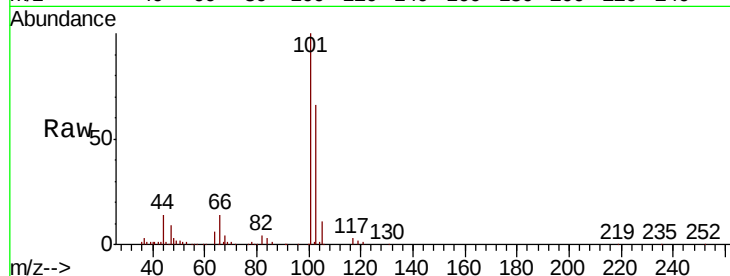


#7

Trichlorofluoromethane
 Concen: 4.485 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

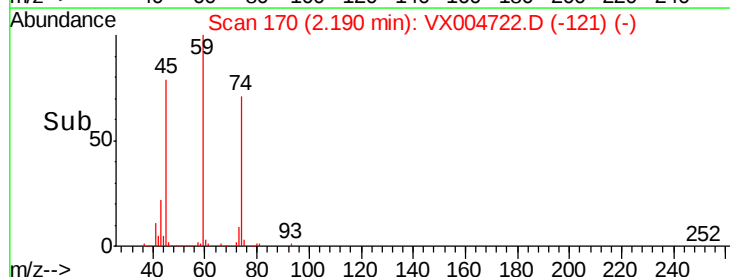
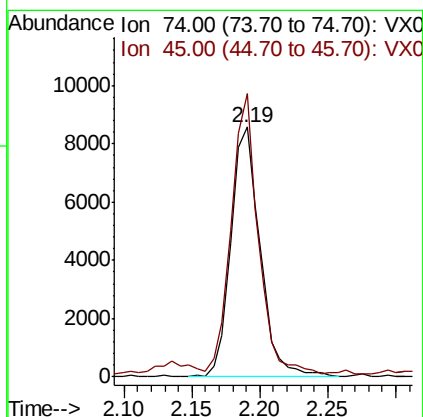
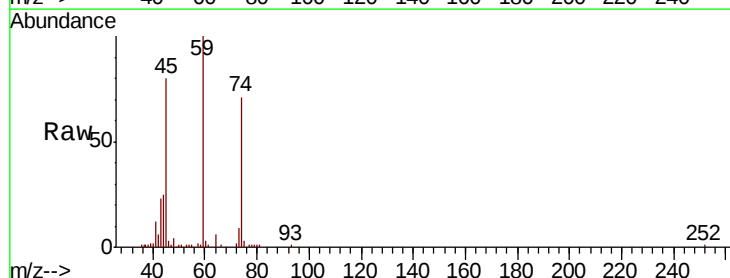
Tgt Ion:101 Resp: 28007
 Ion Ratio Lower Upper
 101 100
 103 66.0 48.9 73.3

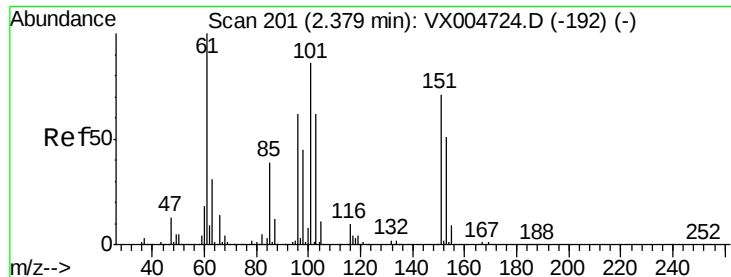


#8

Diethyl Ether
 Concen: 5.397 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

Tgt Ion: 74 Resp: 12830
 Ion Ratio Lower Upper
 74 100
 45 103.7 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.399 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

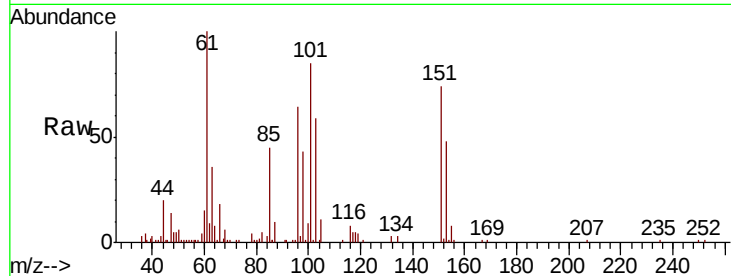
Tgt Ion:101 Resp: 16804

Ion Ratio Lower Upper

101 100

85 45.7 34.2 51.4

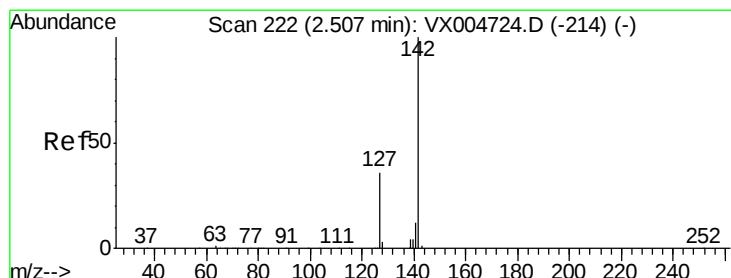
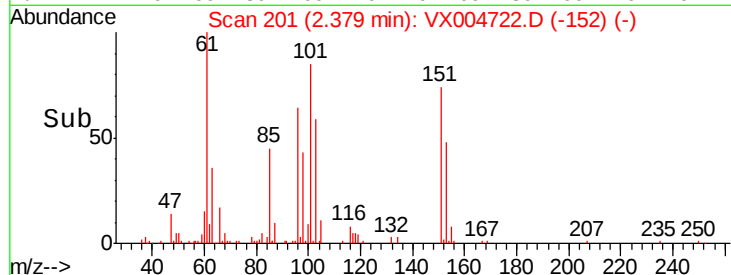
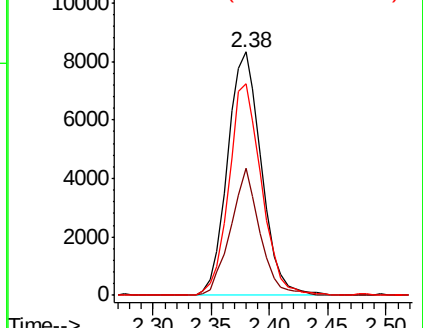
151 83.7 65.0 97.6



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: 3.811 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

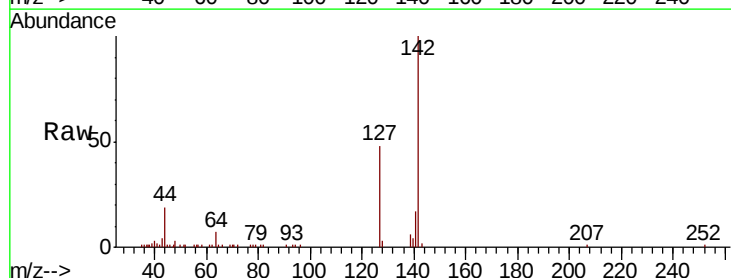
Tgt Ion:142 Resp: 19214

Ion Ratio Lower Upper

142 100

127 44.6 33.8 50.6

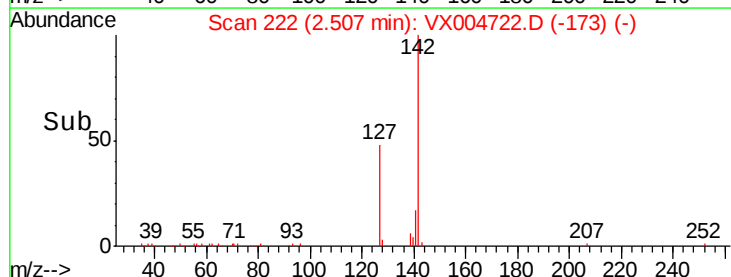
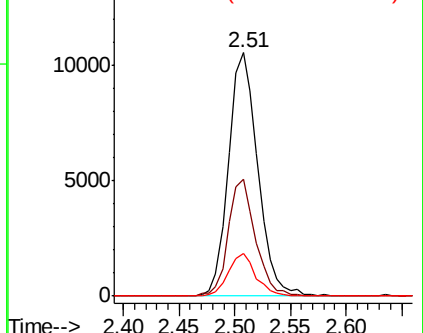
141 16.4 11.4 17.0

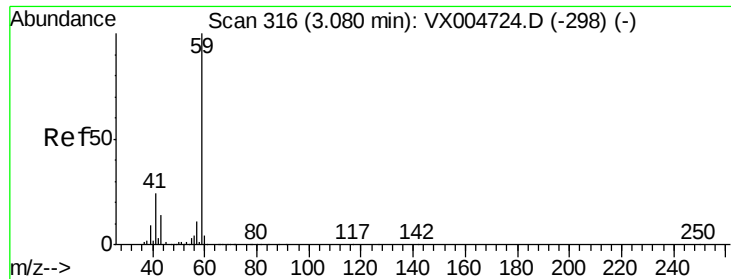


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

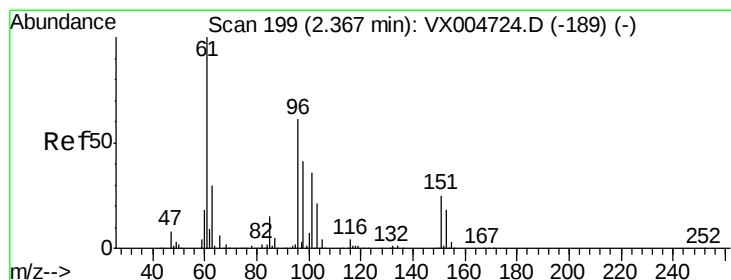
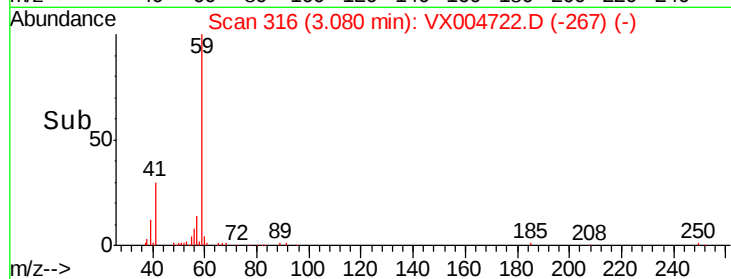
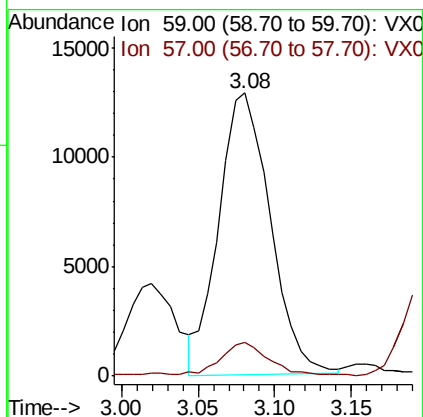
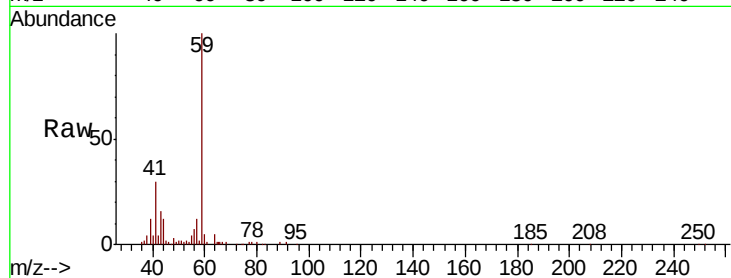




#11
Tert butyl alcohol
Concen: 25.315 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX004722.D
Acq: 26 Sep 2018 11:59

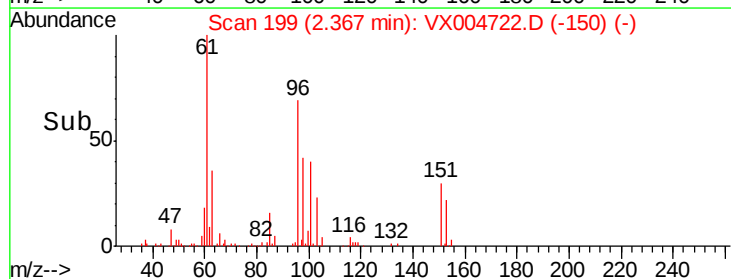
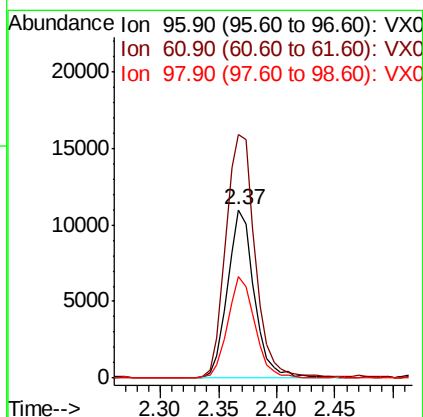
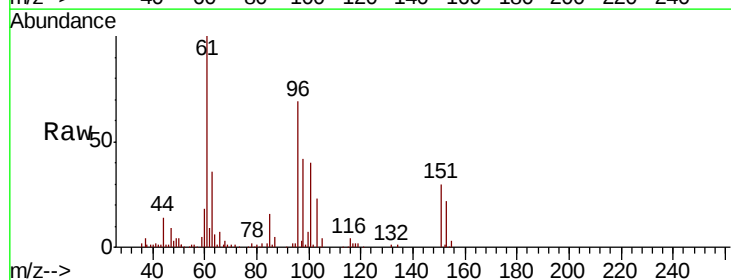
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion: 59 Resp: 30062
Ion Ratio Lower Upper
59 100
57 11.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 5.707 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX004722.D
Acq: 26 Sep 2018 11:59

Tgt Ion: 96 Resp: 17572
Ion Ratio Lower Upper
96 100
61 144.7 128.8 193.2
98 59.9 52.2 78.2





#13

Acrolein

Concen: 25.322 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

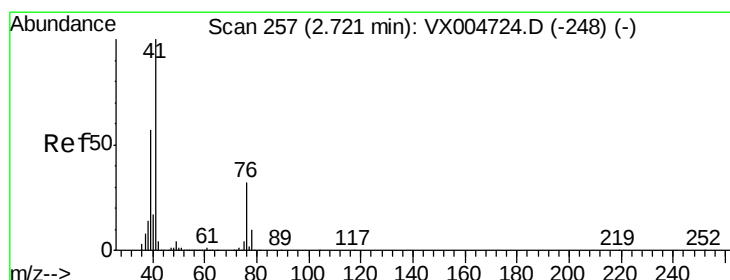
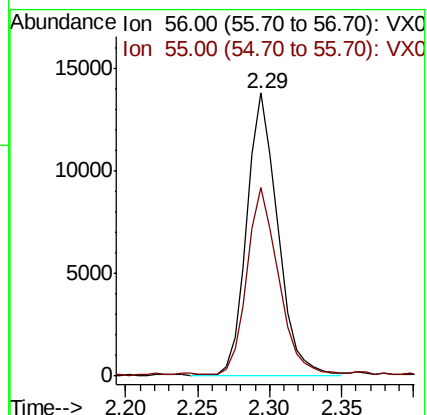
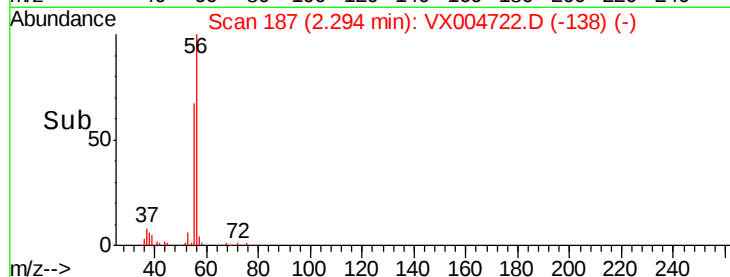
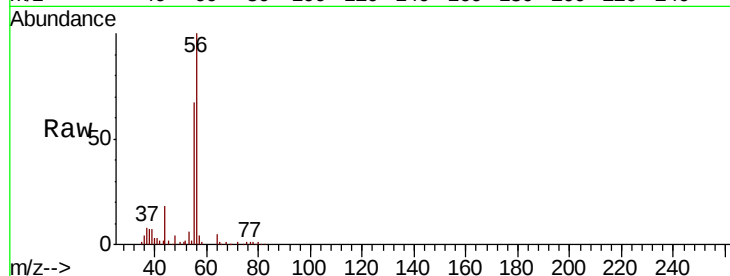
VSTDIC005

Tgt Ion: 56 Resp: 20661

Ion Ratio Lower Upper

56 100

55 65.7 54.7 82.1



#14

Allyl chloride

Concen: 5.200 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

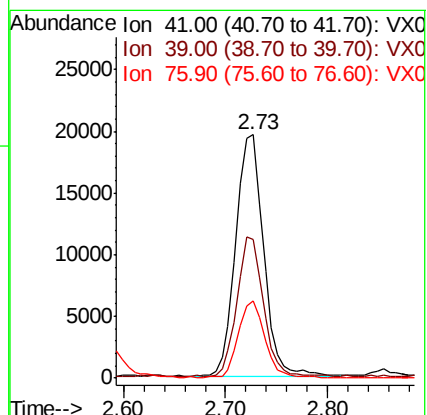
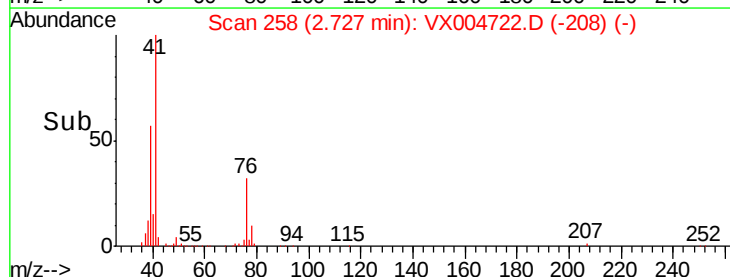
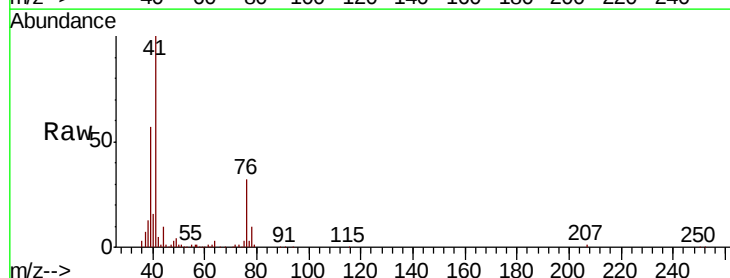
Tgt Ion: 41 Resp: 37283

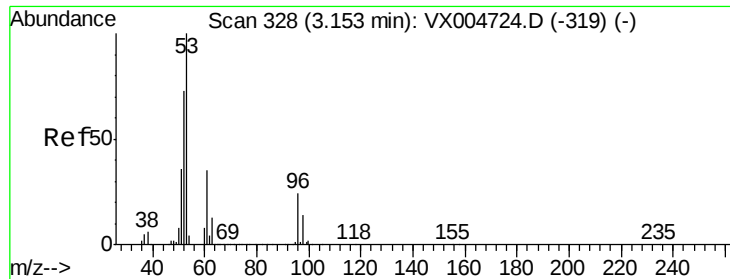
Ion Ratio Lower Upper

41 100

39 54.5 48.9 73.3

76 30.5 26.7 40.1

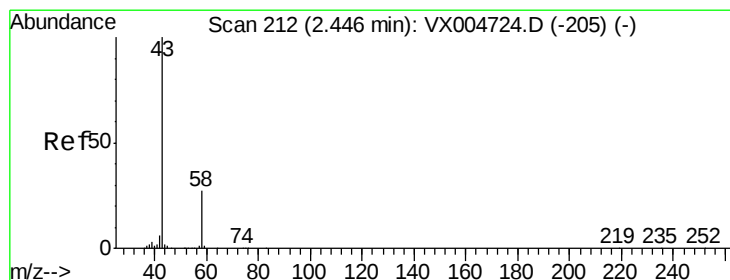
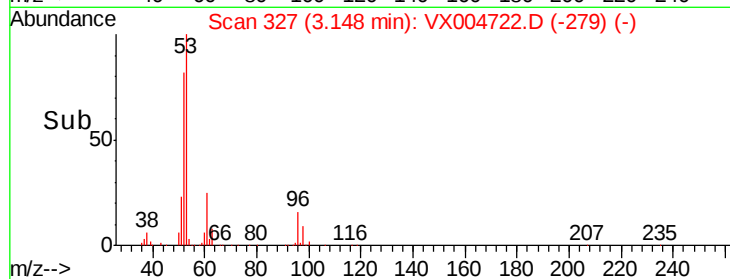
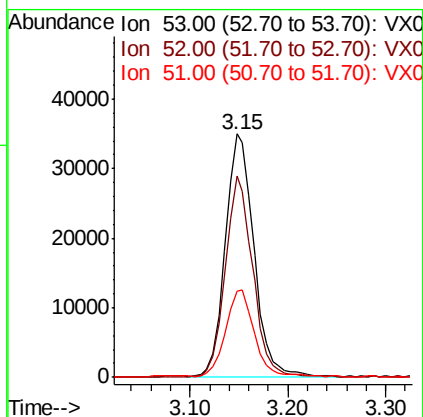
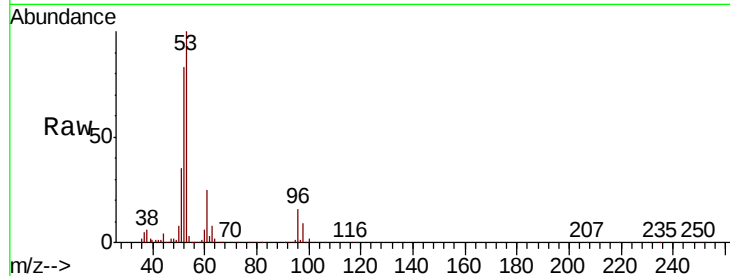




#15
 Acrylonitrile
 Concen: 25.991 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

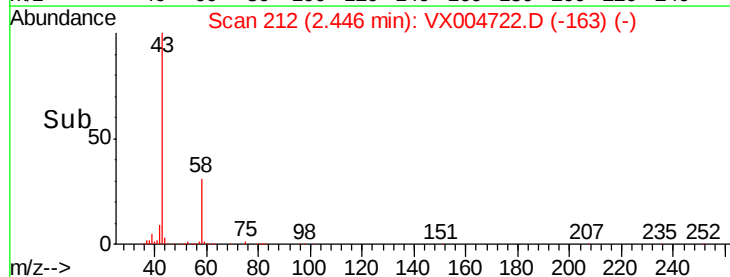
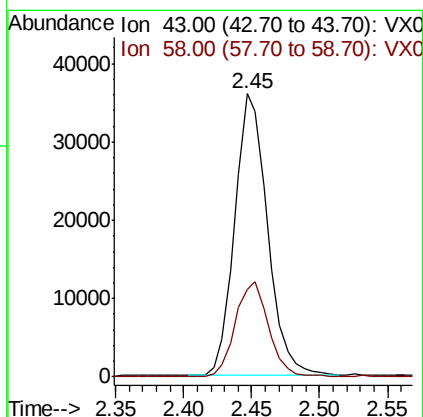
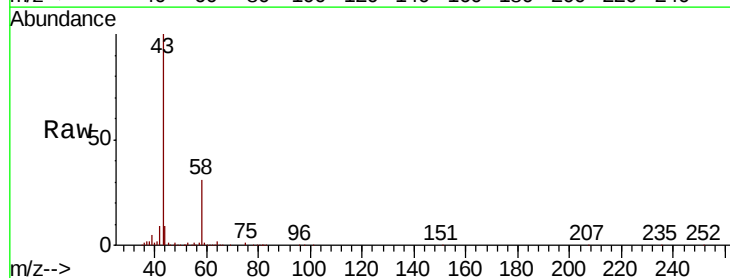
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

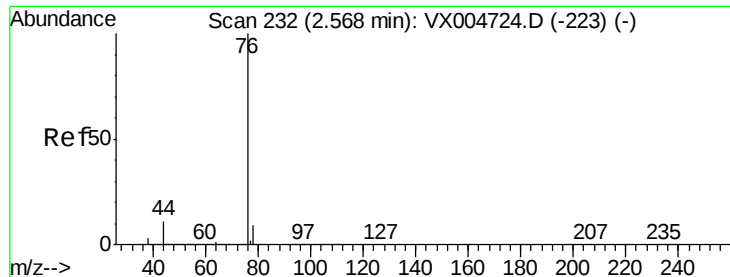
Tgt Ion: 53 Resp: 70286
 Ion Ratio Lower Upper
 53 100
 52 79.9 65.2 97.8
 51 35.6 28.2 42.2



#16
 Acetone
 Concen: 23.750 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

Tgt Ion: 43 Resp: 60582
 Ion Ratio Lower Upper
 43 100
 58 31.1 26.2 39.4

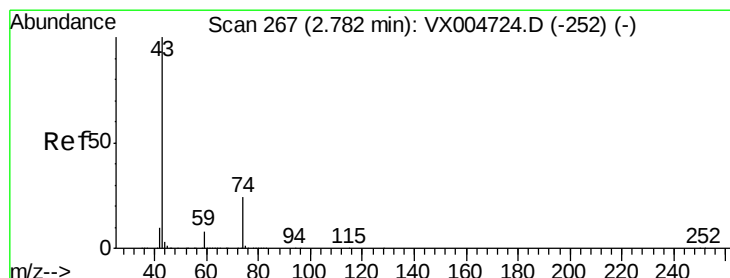
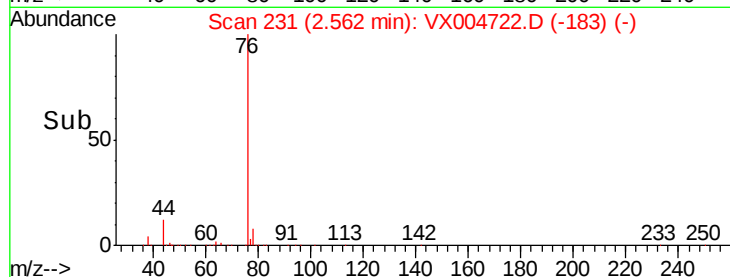
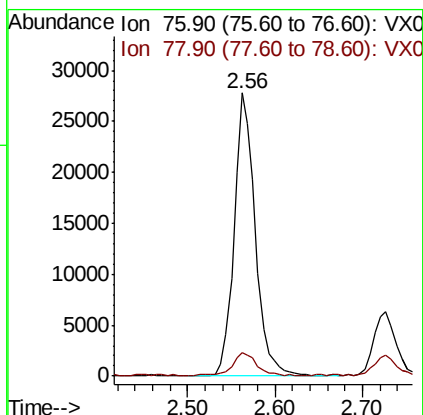
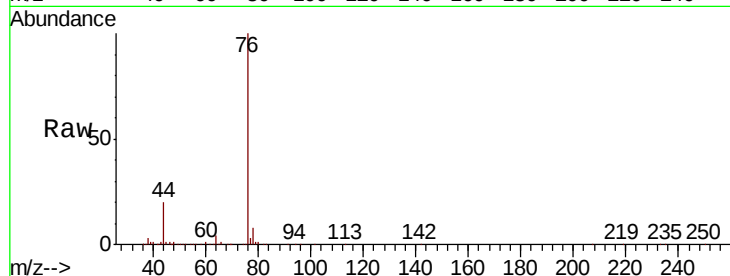




#17
Carbon Disulfide
Concen: 4.780 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX004722.D
Acq: 26 Sep 2018 11:59

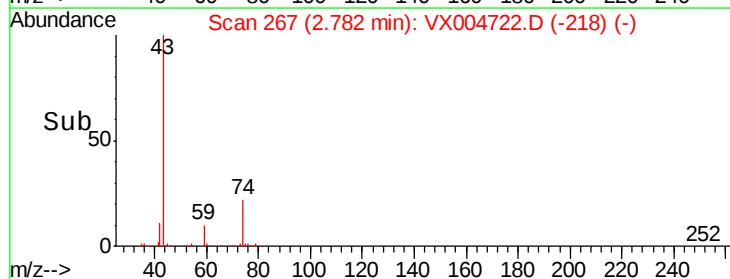
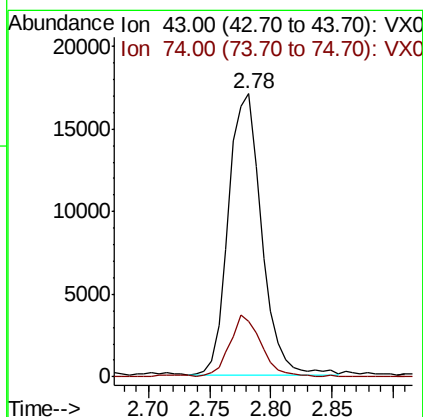
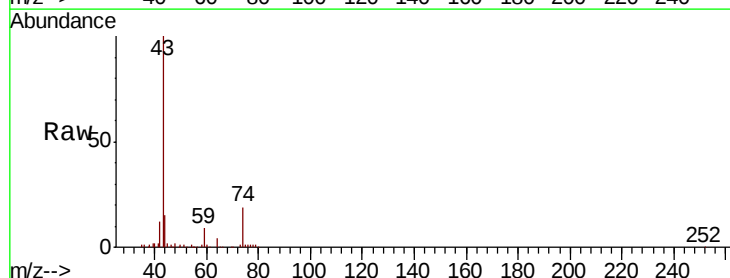
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

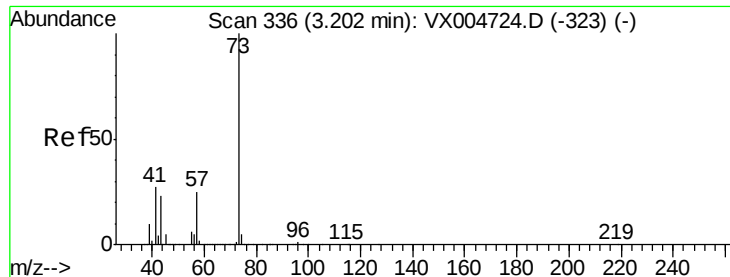
Tgt Ion: 76 Resp: 46972
Ion Ratio Lower Upper
76 100
78 7.9 7.0 10.6



#18
Methyl Acetate
Concen: 5.141 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX004722.D
Acq: 26 Sep 2018 11:59

Tgt Ion: 43 Resp: 31929
Ion Ratio Lower Upper
43 100
74 20.8 19.4 29.2



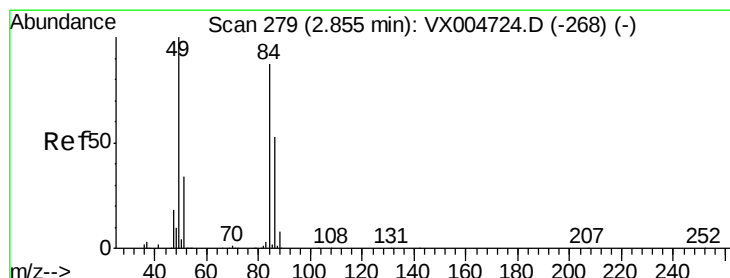
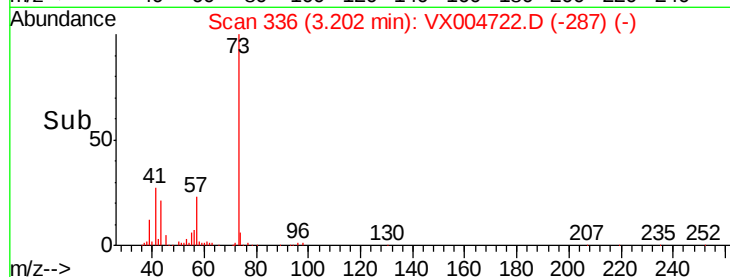
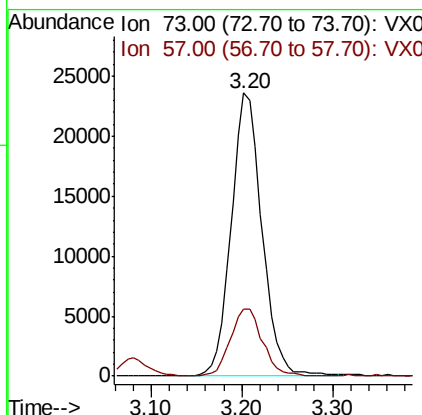
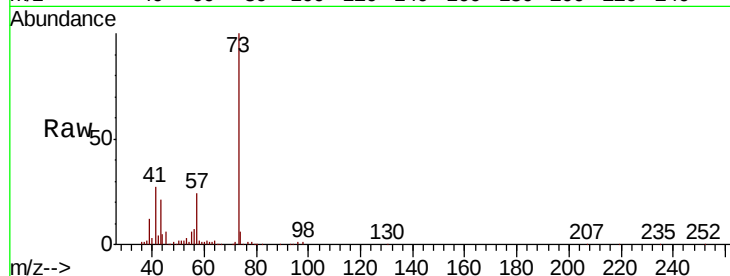


#19

Methyl tert-butyl Ether
 Concen: 5.134 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

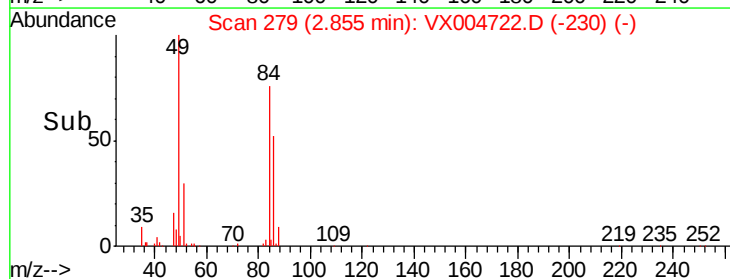
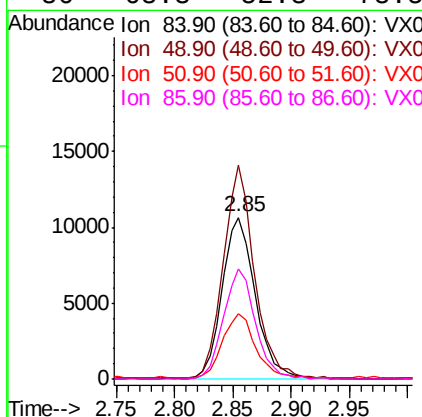
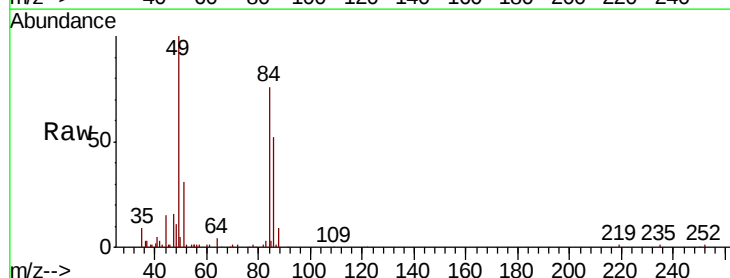
Tgt Ion: 73 Resp: 55586
 Ion Ratio Lower Upper
 73 100
 57 23.4 17.1 25.7

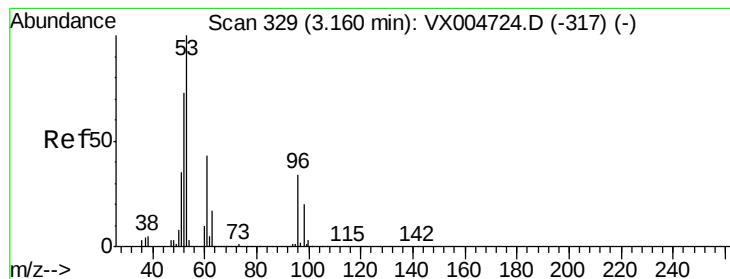


#20

Methylene Chloride
 Concen: 5.210 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

Tgt Ion: 84 Resp: 21066
 Ion Ratio Lower Upper
 84 100
 49 131.5 101.2 151.8
 51 39.8 29.5 44.3
 86 68.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 5.168 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

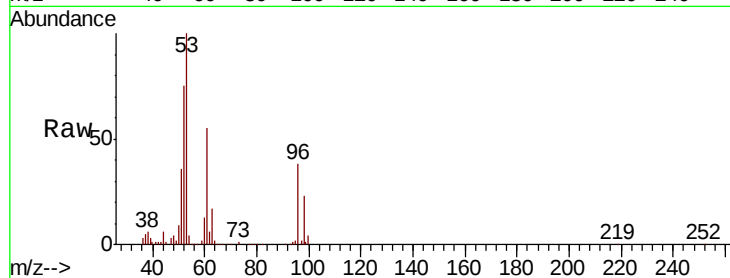
Tgt Ion: 96 Resp: 18718

Ion Ratio Lower Upper

96 100

61 145.1 113.8 170.6

98 61.3 51.8 77.8

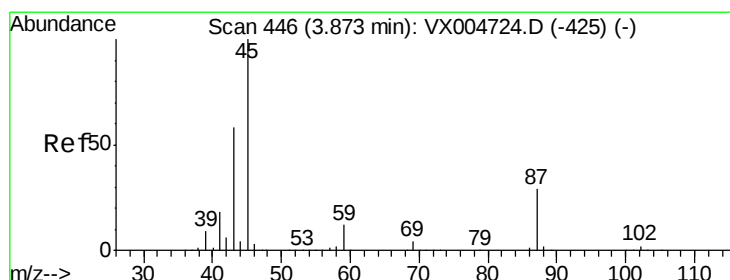
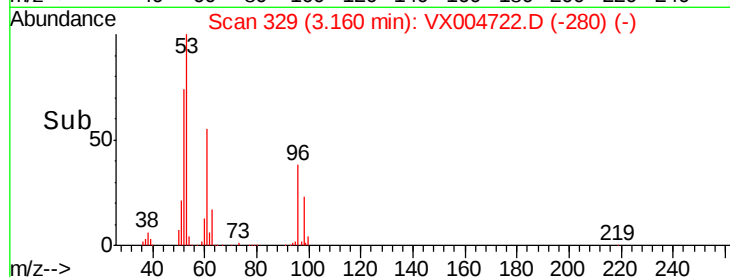
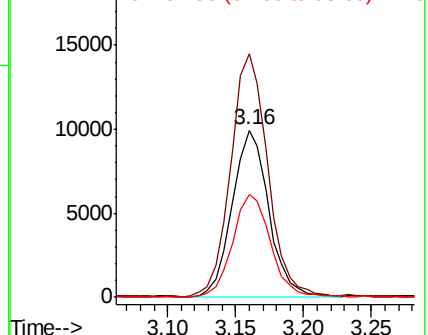


Abundance

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: 4.875 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Tgt Ion: 45 Resp: 58924

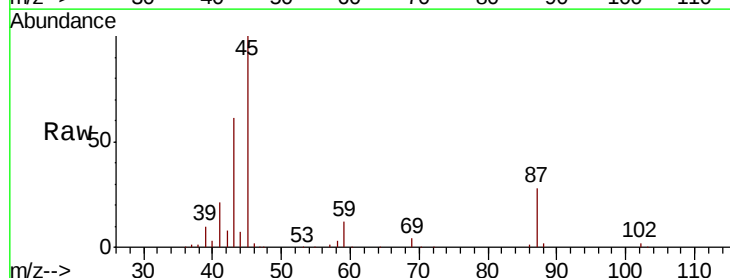
Ion Ratio Lower Upper

45 100

43 60.3 42.8 64.2

87 27.9 22.6 34.0

59 12.3 9.6 14.4



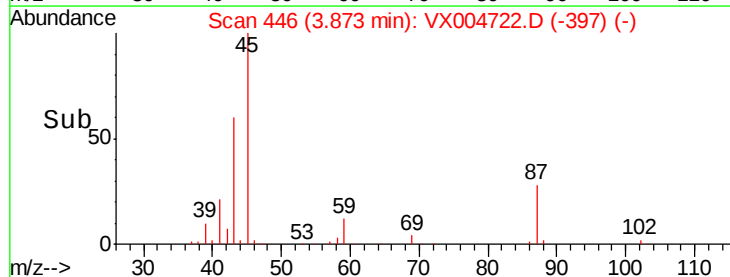
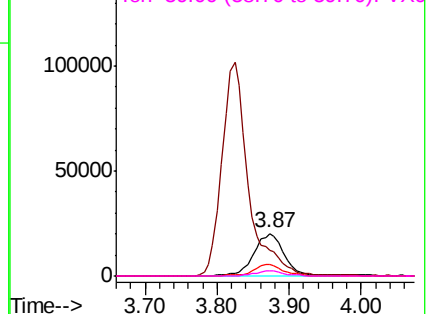
Abundance

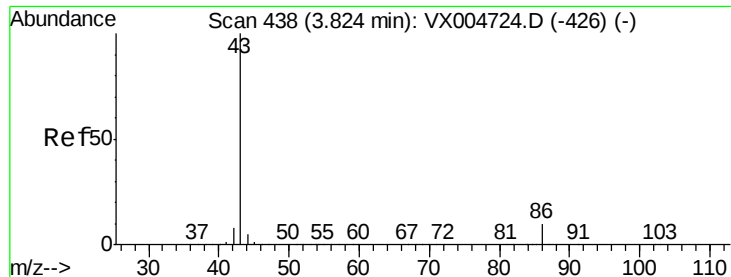
Ion 45.00 (44.70 to 45.70): VX0

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: 22.805 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

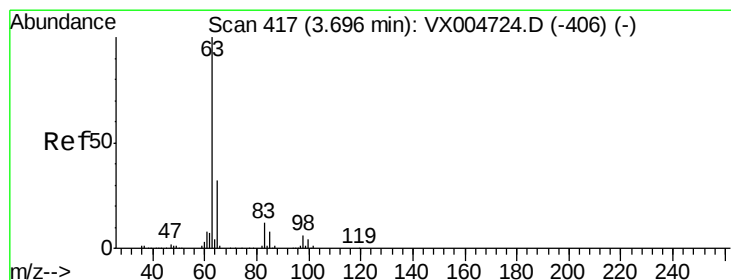
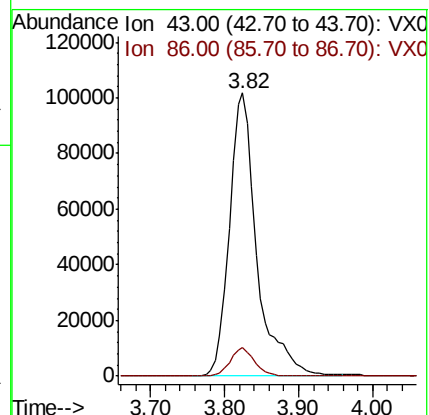
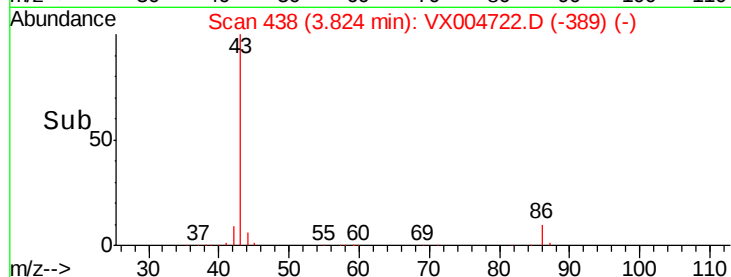
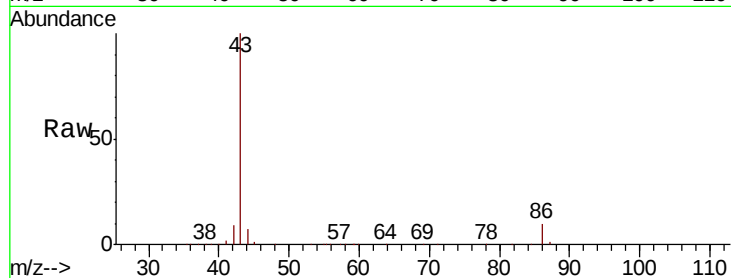
VSTDIC005

Tgt Ion: 43 Resp: 261545

Ion Ratio Lower Upper

43 100

86 10.1 8.9 13.3



#24

1,1-Dichloroethane

Concen: 5.082 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

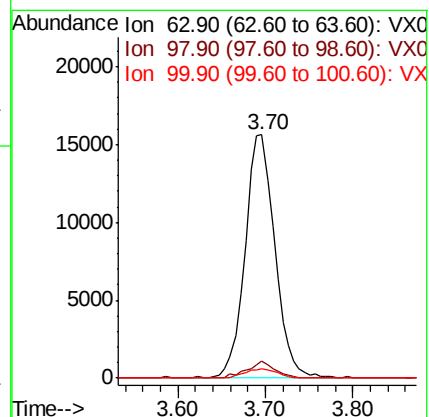
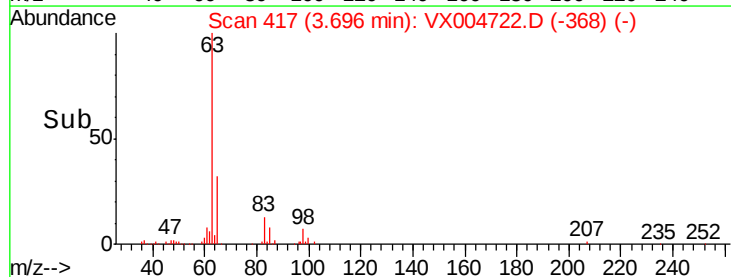
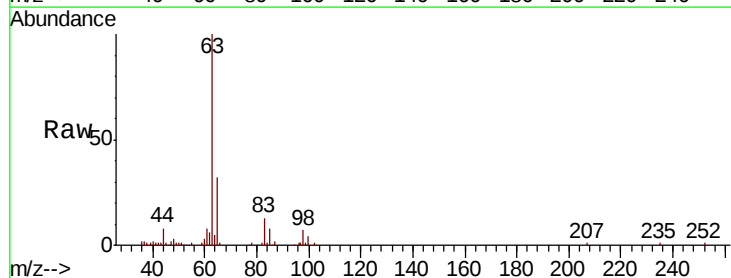
Tgt Ion: 63 Resp: 37014

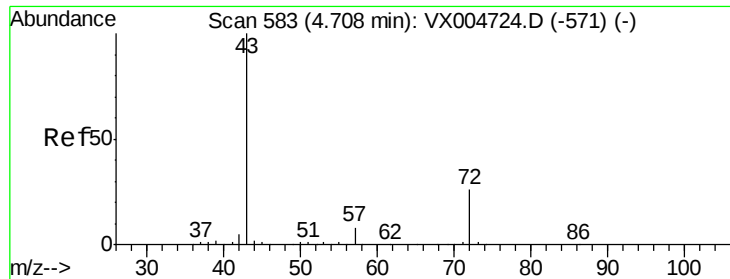
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 3.9 2.4 7.1





#25

2-Butanone

Concen: 24.791 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

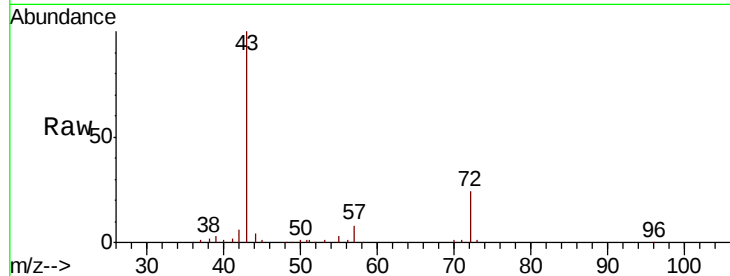
VSTDIC005

Tgt Ion: 43 Resp: 91935

Ion Ratio Lower Upper

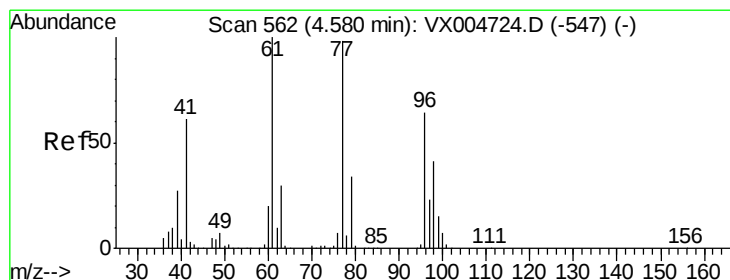
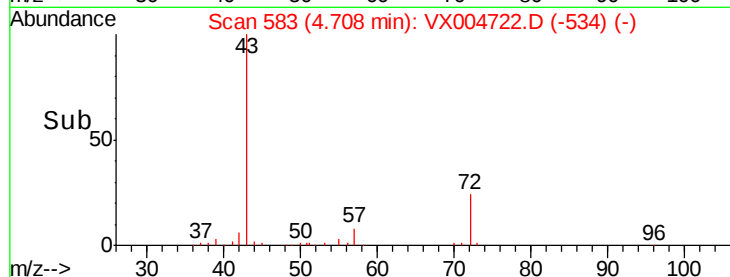
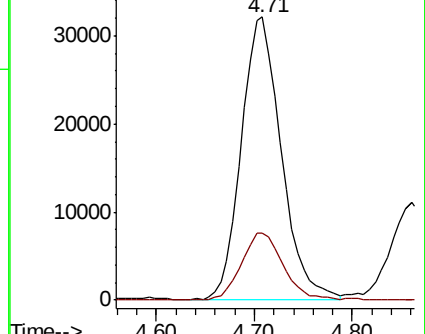
43 100

72 23.7 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 4.961 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX004722.D

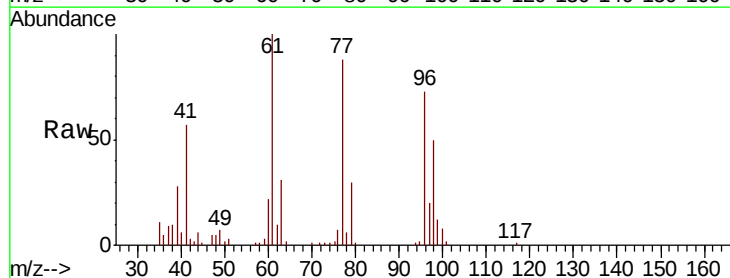
Acq: 26 Sep 2018 11:59

Tgt Ion: 77 Resp: 24008

Ion Ratio Lower Upper

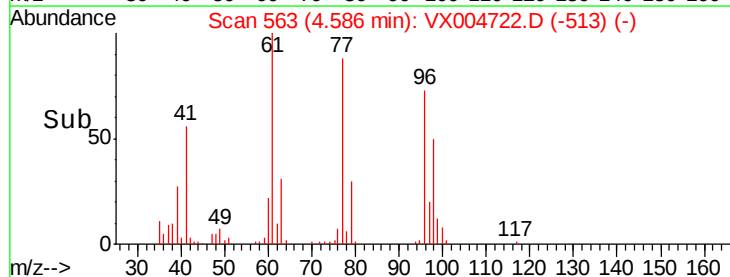
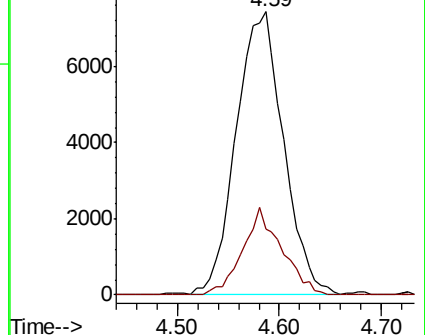
77 100

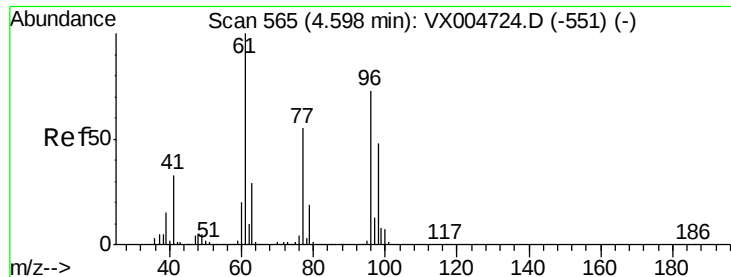
97 25.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 4.987 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

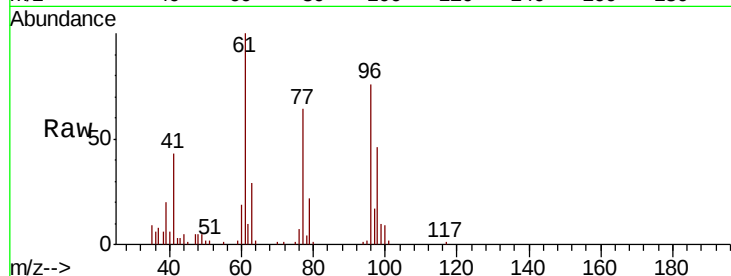
Tgt Ion: 96 Resp: 20148

Ion Ratio Lower Upper

96 100

61 140.6 0.0 282.6

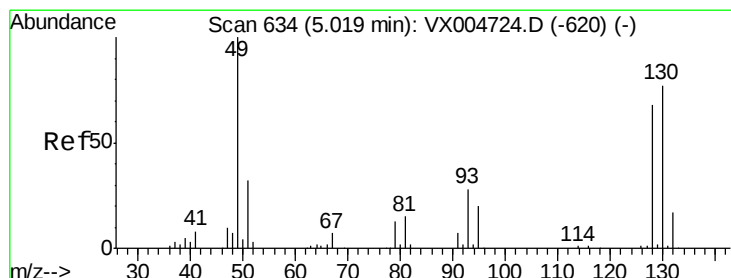
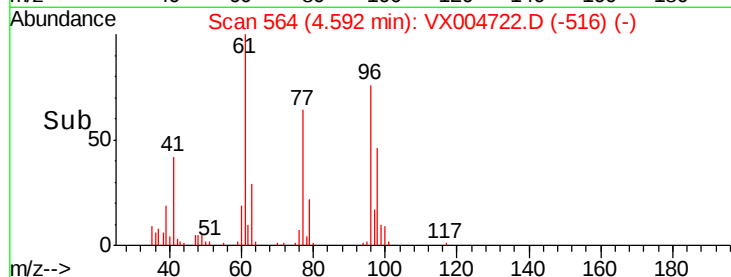
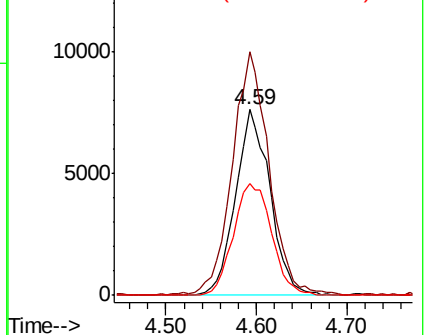
98 66.5 0.0 130.2



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



#28

Bromochloromethane

Concen: 5.299 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

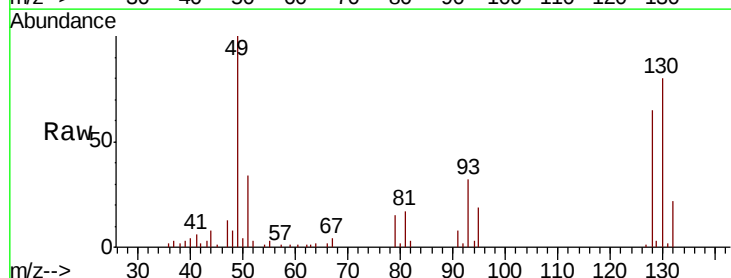
Tgt Ion: 49 Resp: 16939

Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.2

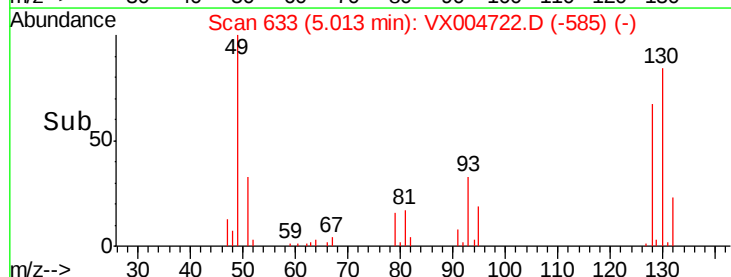
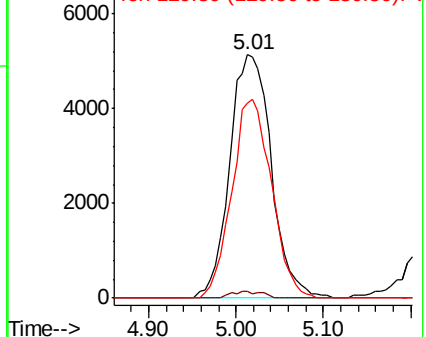
130 78.0 67.5 101.3

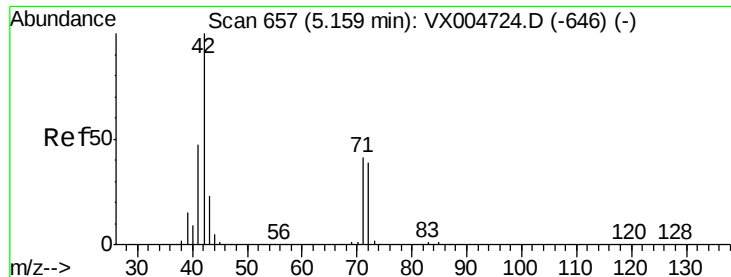


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 23.536 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

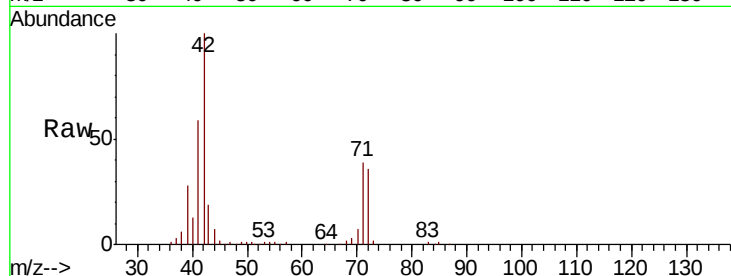
Tgt Ion: 42 Resp: 56376

Ion Ratio Lower Upper

42 100

72 39.1 37.4 56.0

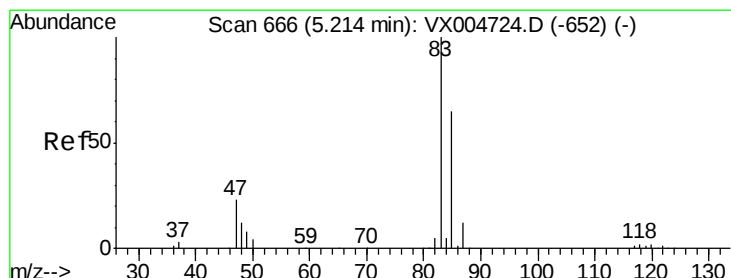
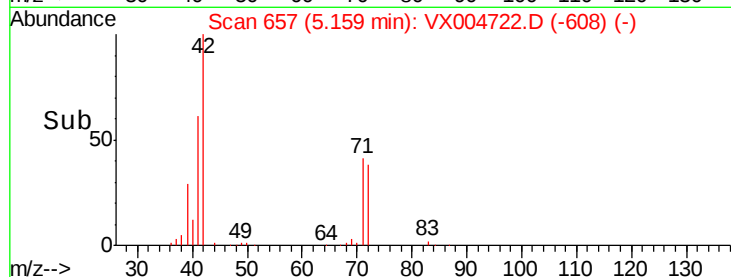
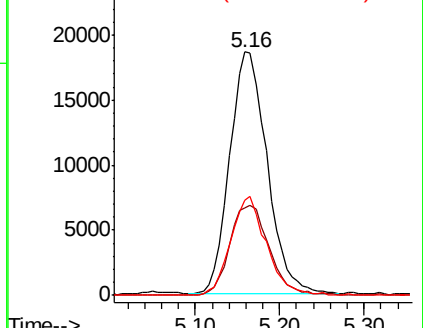
71 38.8 34.5 51.7



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: 5.575 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX004722.D

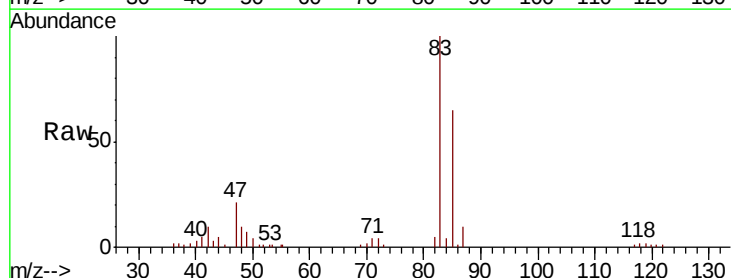
Acq: 26 Sep 2018 11:59

Tgt Ion: 83 Resp: 35312

Ion Ratio Lower Upper

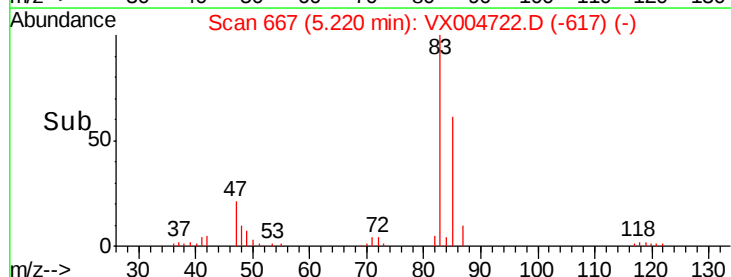
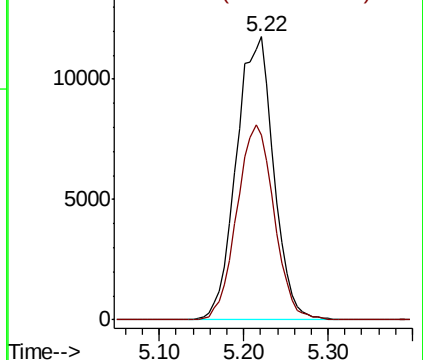
83 100

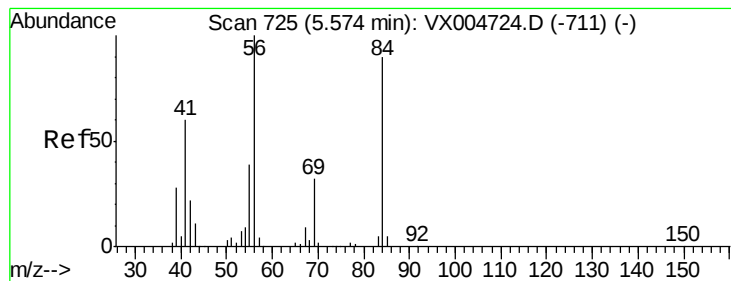
85 65.5 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 4.277 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

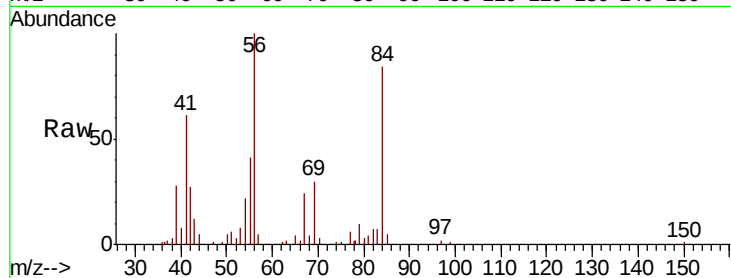
Tgt Ion: 56 Resp: 25522

Ion Ratio Lower Upper

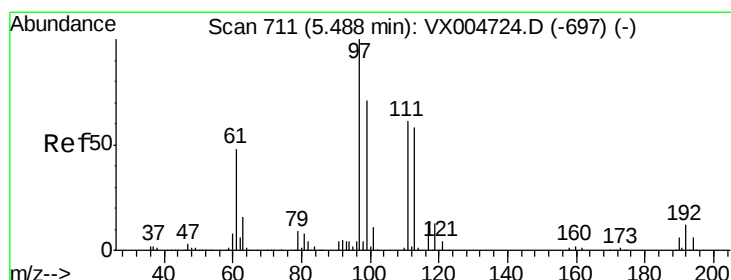
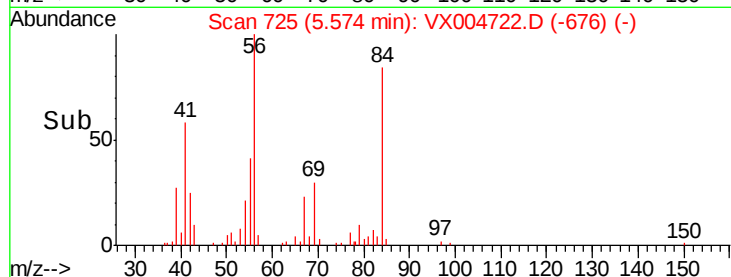
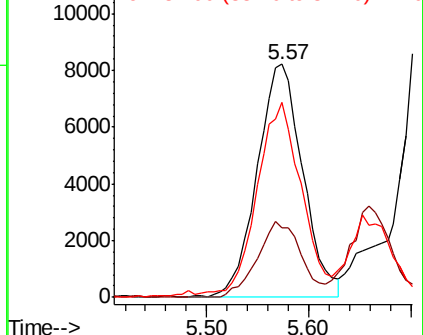
56 100

69 29.9 25.4 38.2

84 80.9 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: 5.092 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

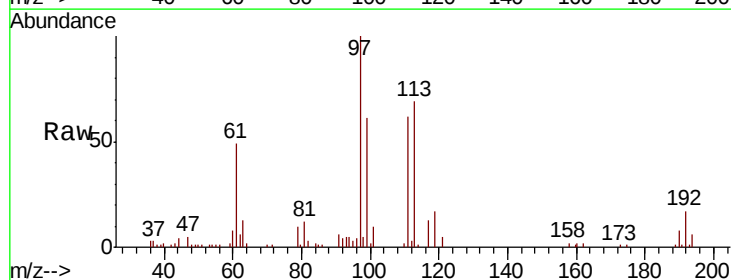
Tgt Ion: 97 Resp: 27565

Ion Ratio Lower Upper

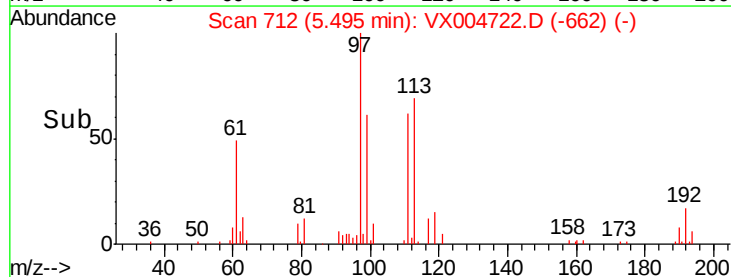
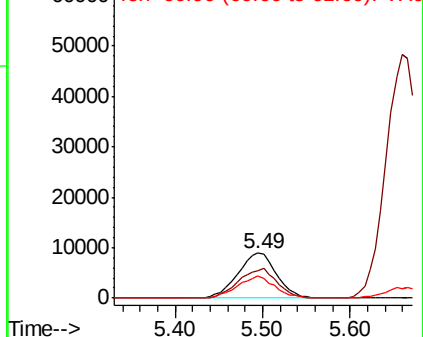
97 100

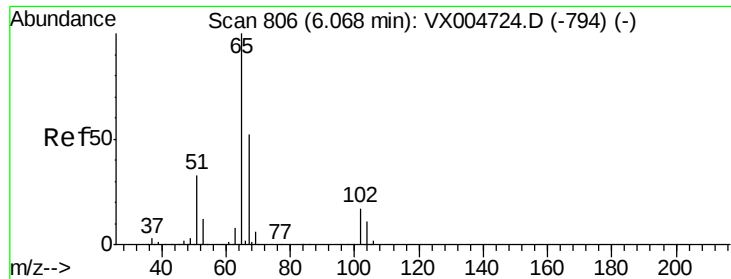
99 64.6 52.0 78.0

61 46.9 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: 5.147 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

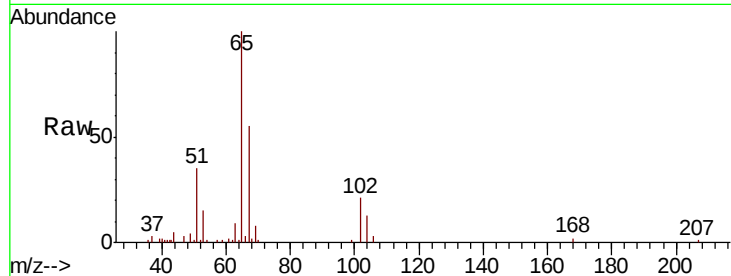
VSTDIC005

Tgt Ion: 65 Resp: 23074

Ion Ratio Lower Upper

65 100

67 56.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

10000

8000

6000

4000

2000

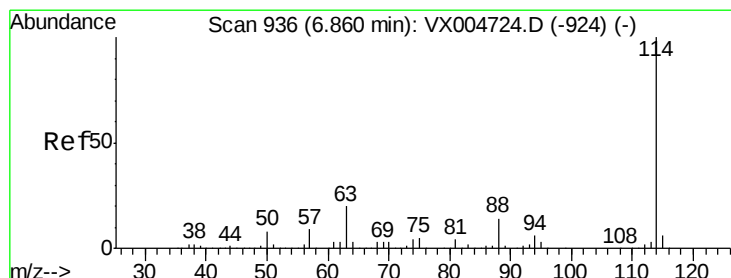
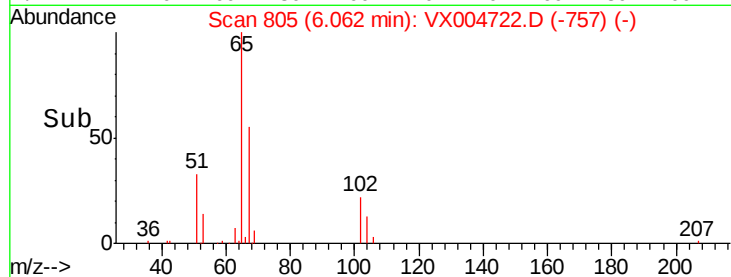
0

Time-->

6.00

6.10

6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

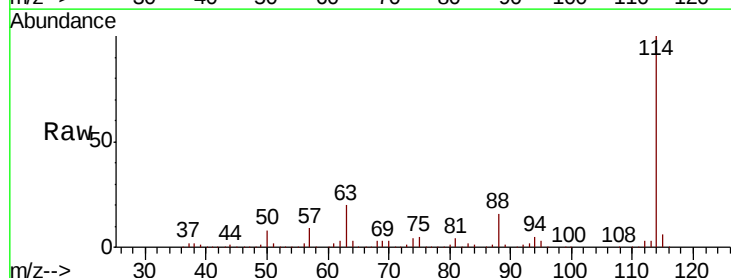
Tgt Ion: 114 Resp: 438294

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

88 15.9 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

200000

150000

100000

50000

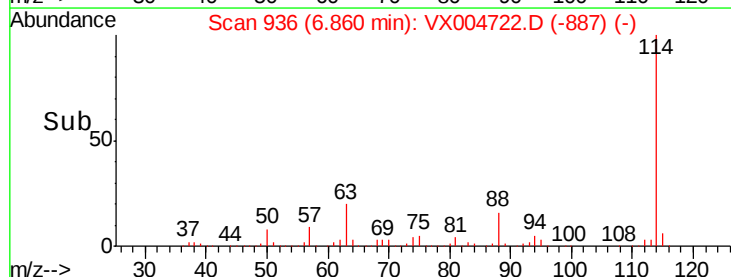
0

Time-->

6.80

7.00

7.20

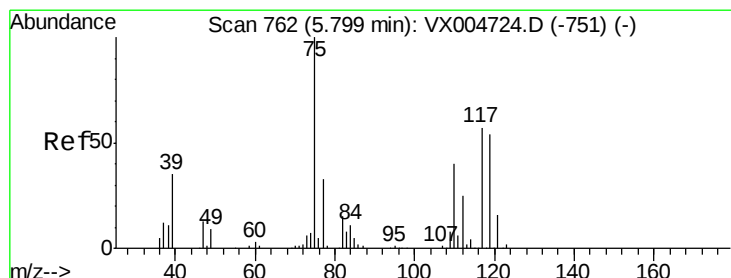
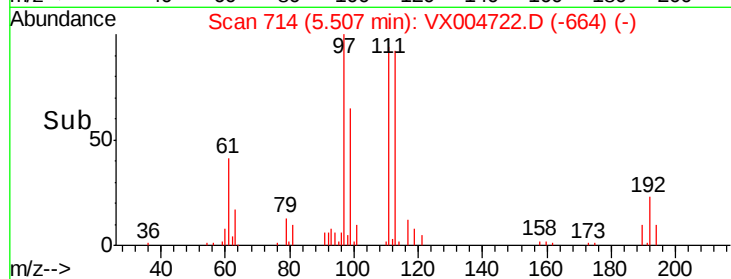
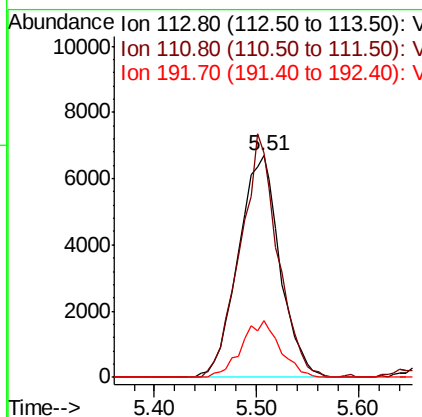
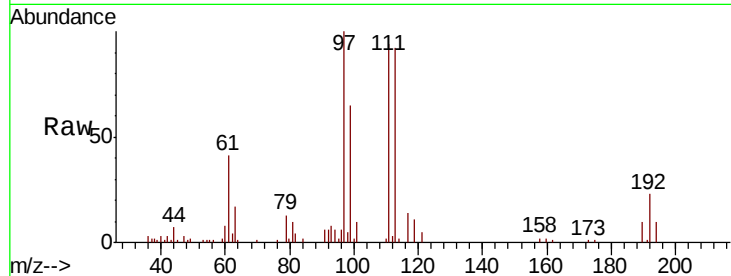




#35
 Dibromofluoromethane
 Concen: 4.882 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

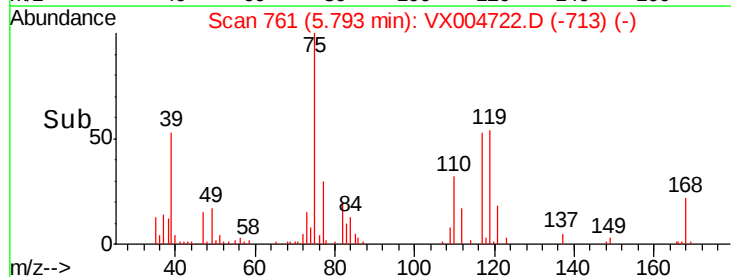
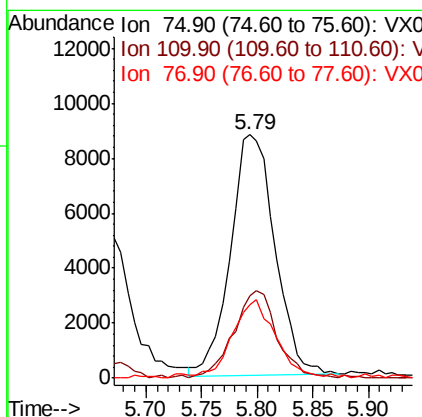
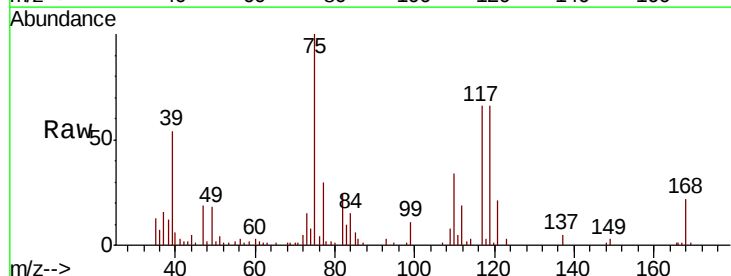
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

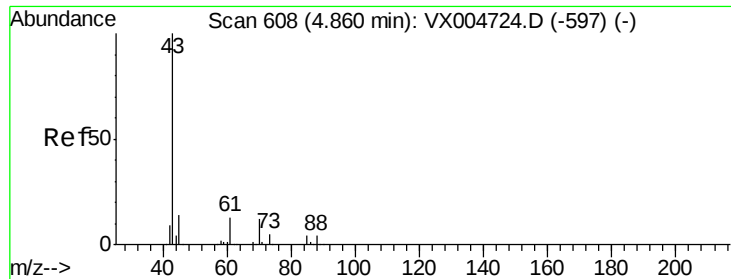
Tgt Ion: 113 Resp: 19001
 Ion Ratio Lower Upper
 113 100
 111 99.1 82.4 123.6
 192 23.5 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 4.915 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

Tgt Ion: 75 Resp: 24272
 Ion Ratio Lower Upper
 75 100
 110 35.5 18.0 54.0
 77 31.4 24.6 36.8

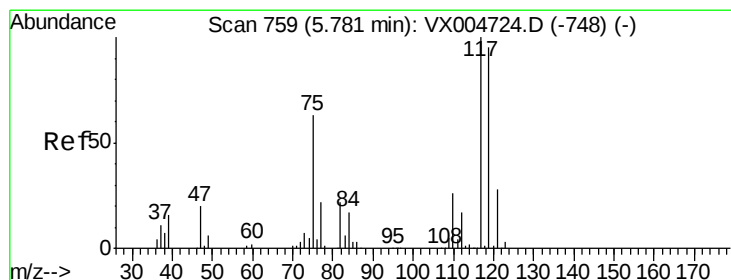
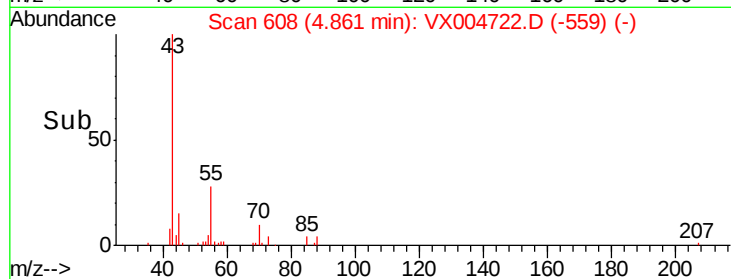
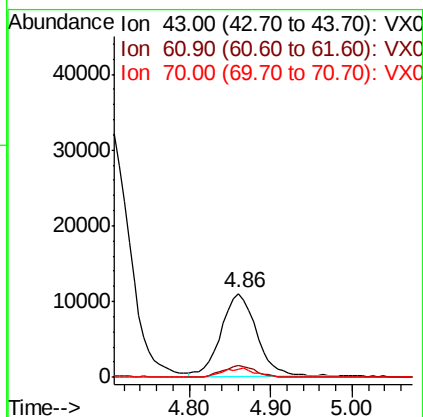
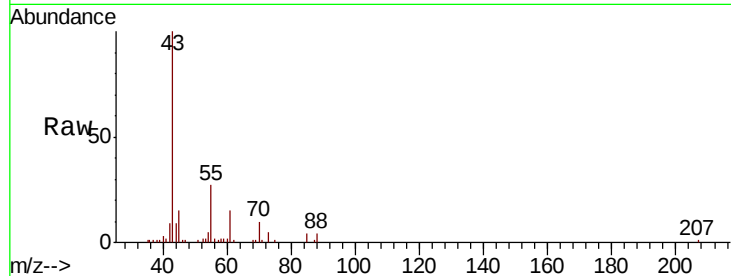




#37
 Ethyl Acetate
 Concen: 4.875 ug/l
 RT: 4.86 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

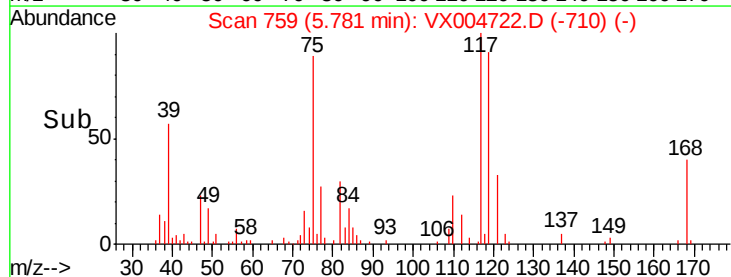
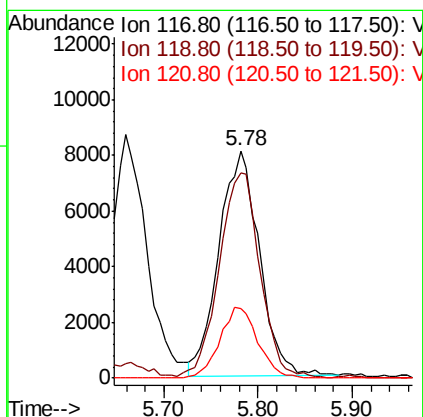
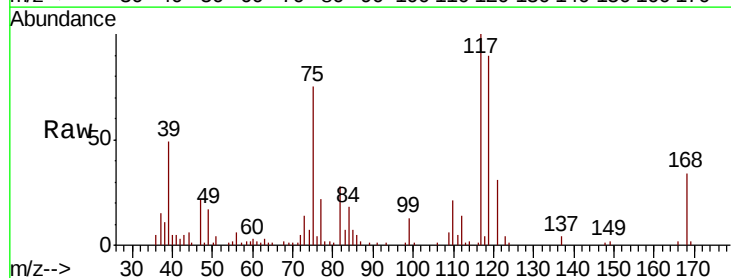
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

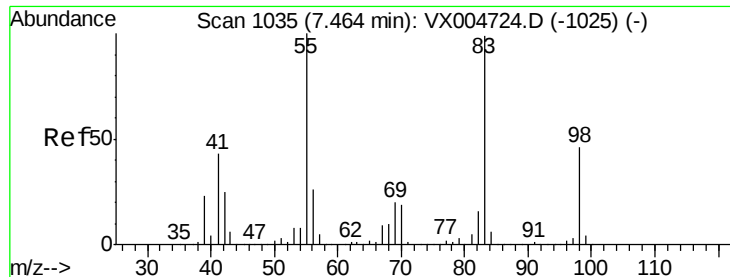
Tgt Ion: 43 Resp: 32903
 Ion Ratio Lower Upper
 43 100
 61 13.8 11.5 17.3
 70 11.0 9.0 13.6



#38
 Carbon Tetrachloride
 Concen: 4.621 ug/l
 RT: 5.78 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

Tgt Ion: 117 Resp: 24065
 Ion Ratio Lower Upper
 117 100
 119 90.5 78.8 118.2
 121 31.1 24.9 37.3

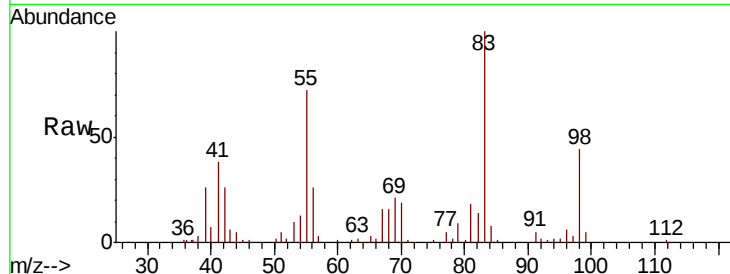




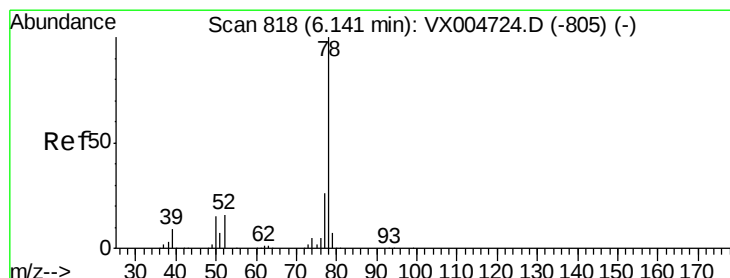
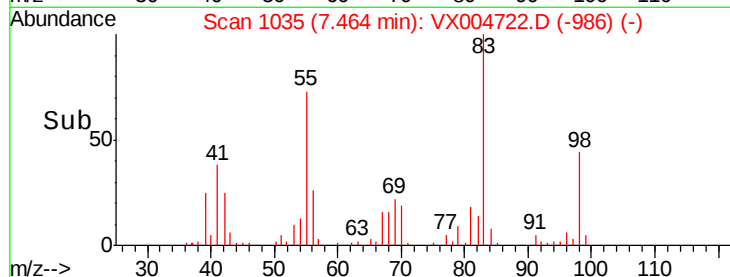
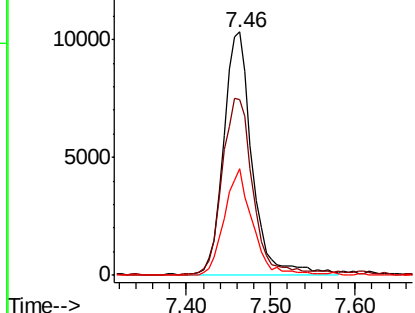
#39
Methylcyclohexane
Concen: 4.780 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004722.D
Acq: 26 Sep 2018 11:59

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion: 83 Resp: 24198
Ion Ratio Lower Upper
83 100
55 71.6 61.0 91.4
98 43.7 39.6 59.4

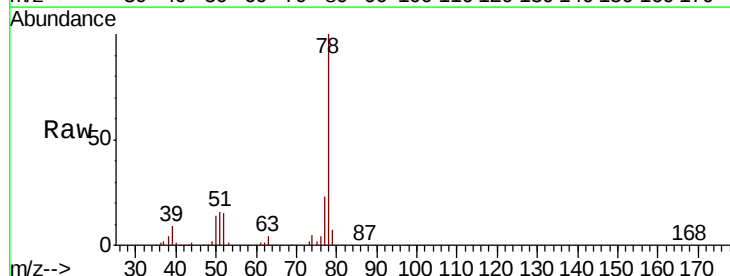


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

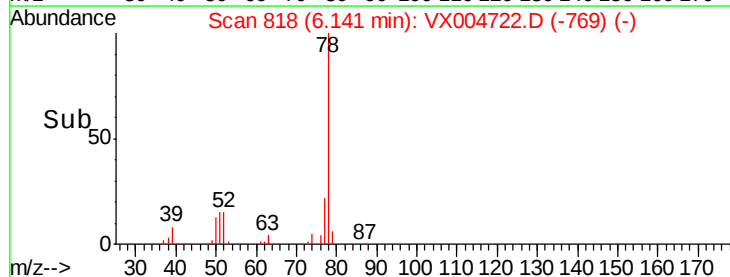
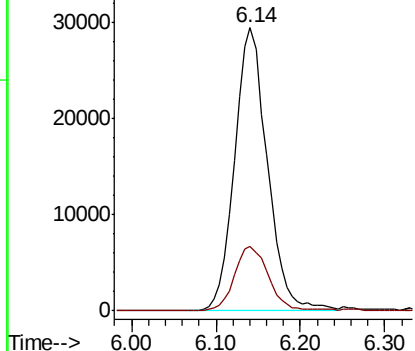


#40
Benzene
Concen: 5.104 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004722.D
Acq: 26 Sep 2018 11:59

Tgt Ion: 78 Resp: 77626
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

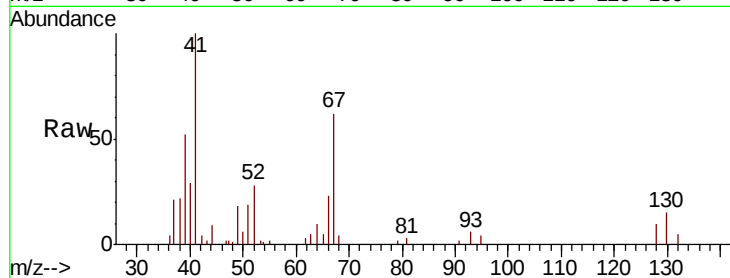




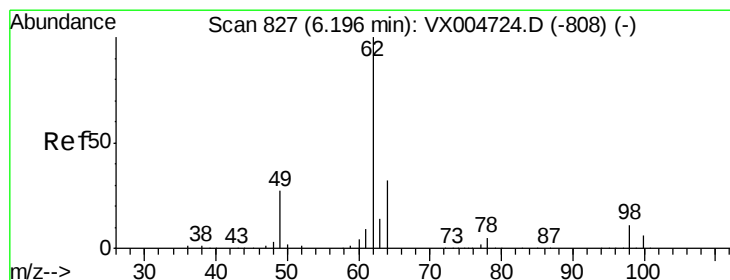
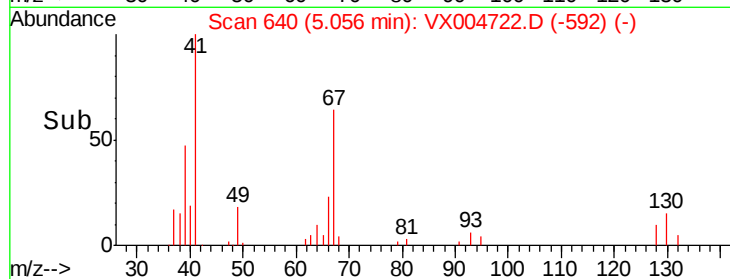
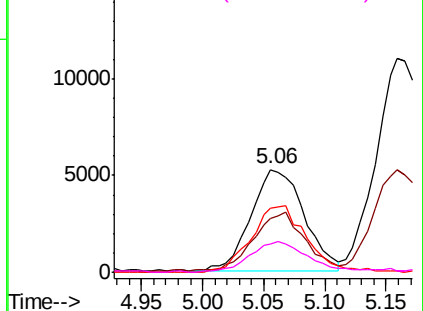
#41
Methacrylonitrile
Concen: 4.085 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004722.D
Acq: 26 Sep 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	15878
Ion	Ratio	Lower	Upper
41	100		
39	56.7	42.4	63.6
67	68.4	59.2	88.8
52	32.8	23.0	34.4

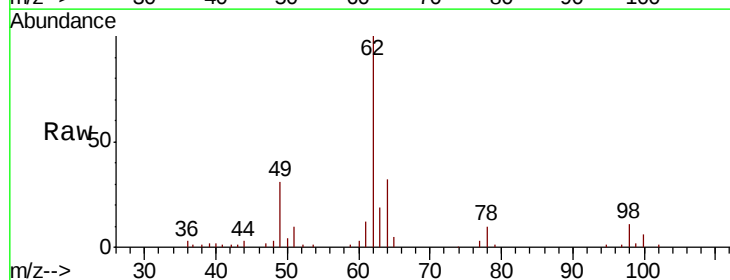


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

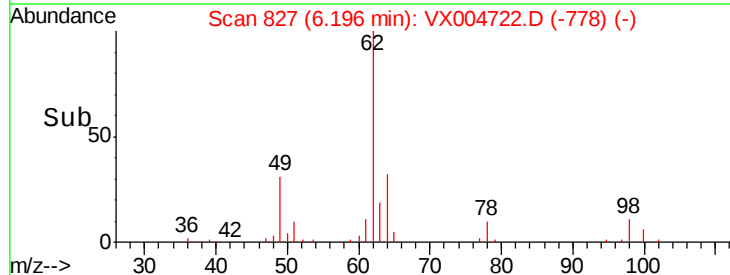
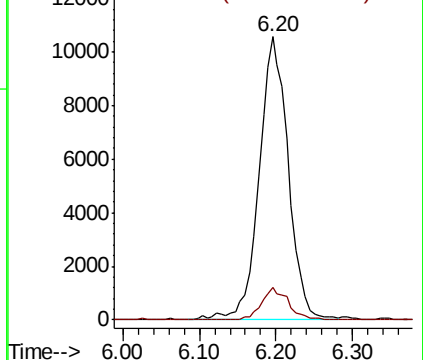


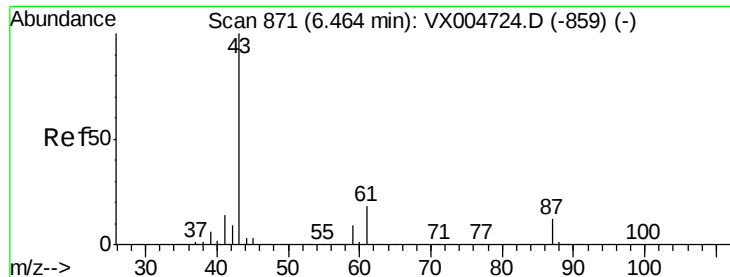
#42
1,2-Dichloroethane
Concen: 5.129 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX004722.D
Acq: 26 Sep 2018 11:59

Tgt Ion:	62	Resp:	27993
Ion	Ratio	Lower	Upper
62	100		
98	10.4	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: 4.216 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

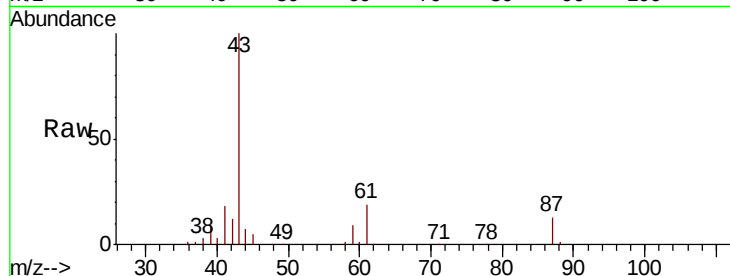
Tgt Ion: 43 Resp: 43818

Ion Ratio Lower Upper

43 100

61 18.9 17.0 25.4

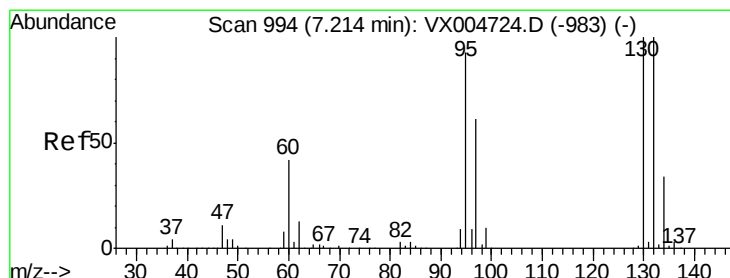
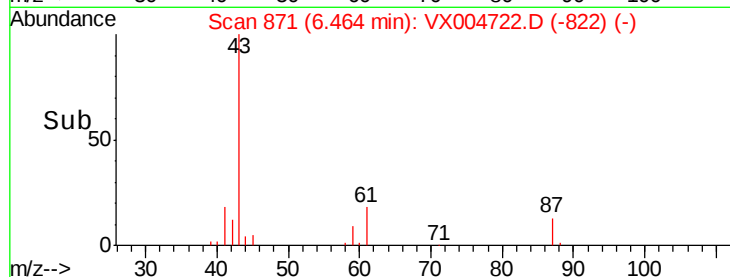
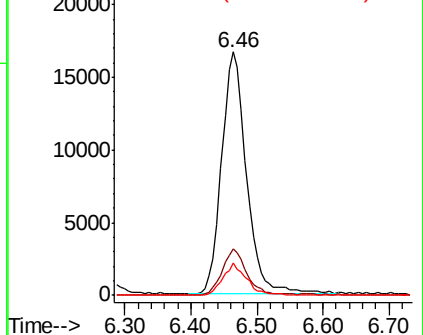
87 12.4 11.4 17.2



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: 5.634 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004722.D

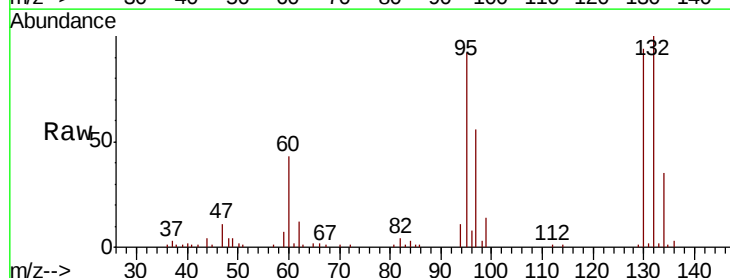
Acq: 26 Sep 2018 11:59

Tgt Ion: 130 Resp: 19962

Ion Ratio Lower Upper

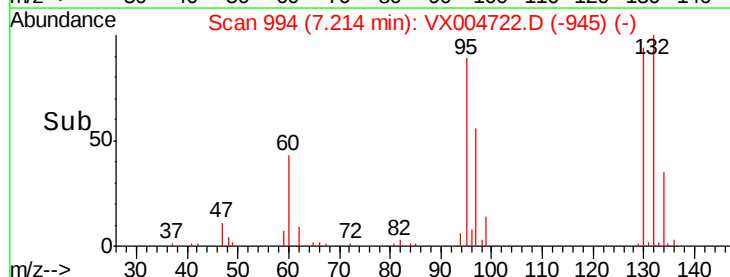
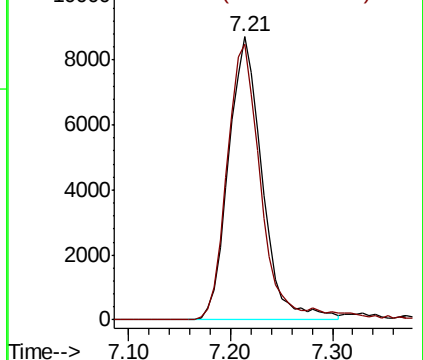
130 100

95 97.4 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

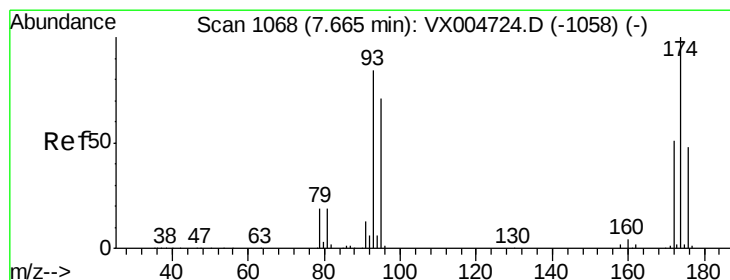
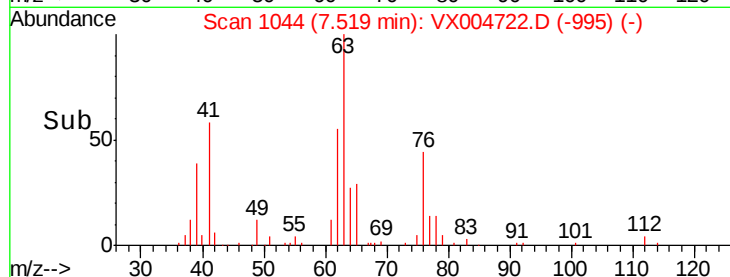
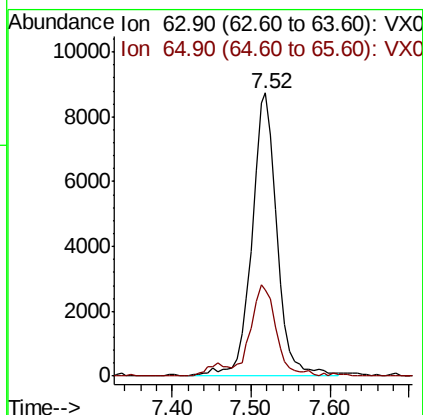
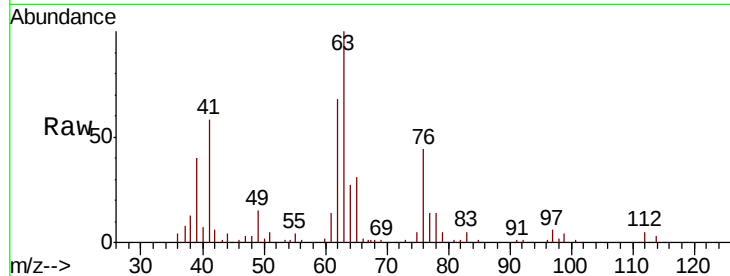




#45
 1,2-Dichloropropane
 Concen: 5.306 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

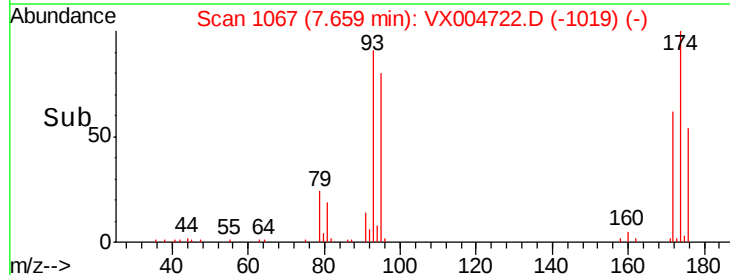
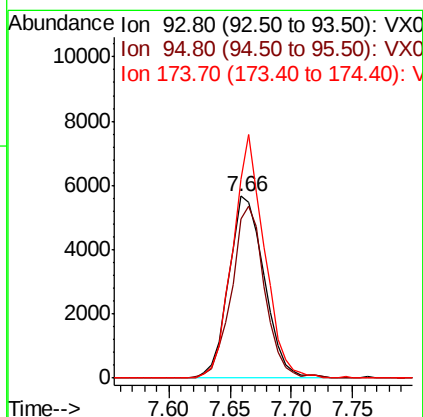
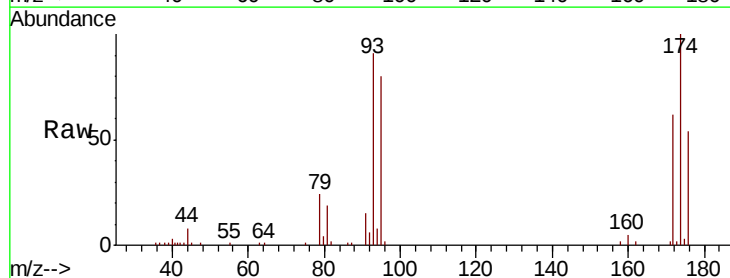
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

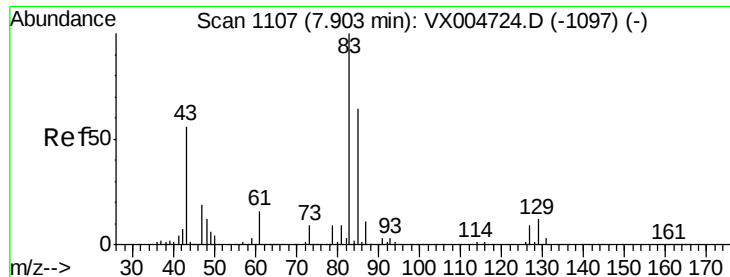
Tgt Ion: 63 Resp: 19310
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.3 36.5



#46
 Dibromomethane
 Concen: 5.013 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

Tgt Ion: 93 Resp: 11371
 Ion Ratio Lower Upper
 93 100
 95 87.9 65.5 98.3
 174 119.4 94.2 141.4





#47

Bromodichloromethane

Concen: 4.992 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

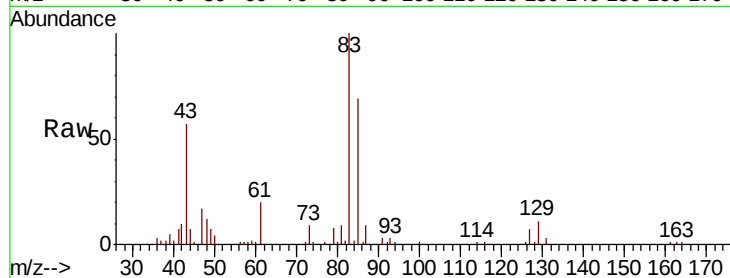
Tgt Ion: 83 Resp: 21686

Ion Ratio Lower Upper

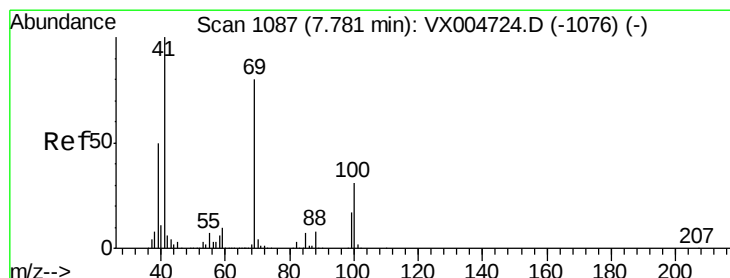
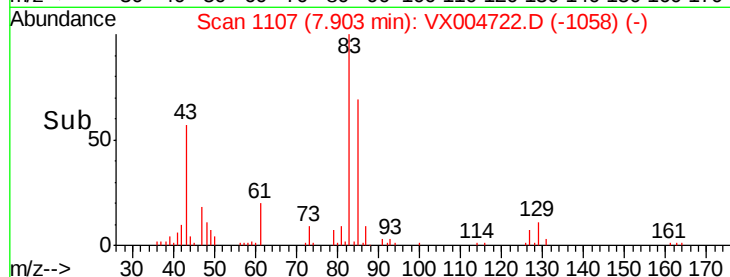
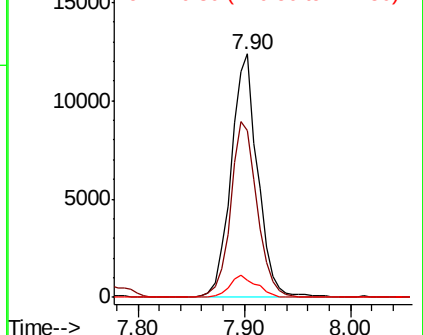
83 100

85 68.5 50.9 76.3

127 6.9 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: 4.217 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

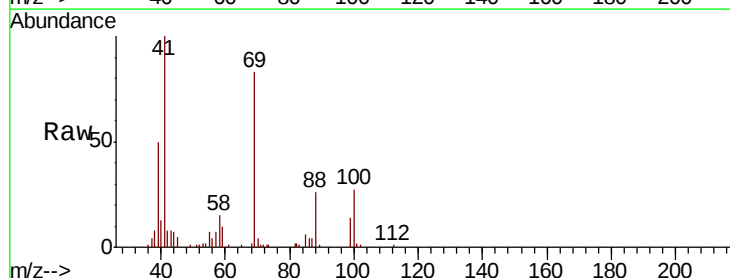
Tgt Ion: 41 Resp: 18910

Ion Ratio Lower Upper

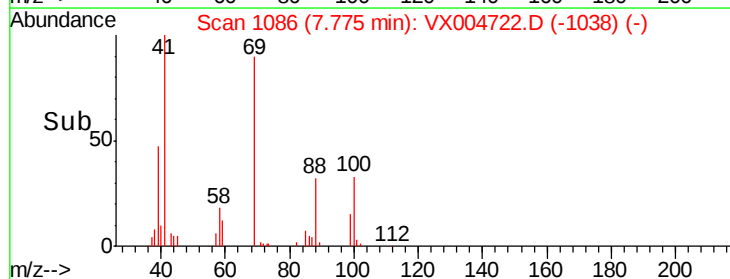
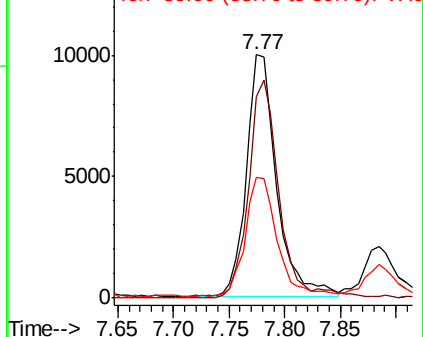
41 100

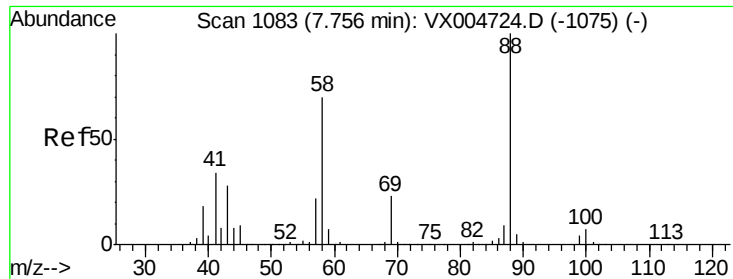
69 91.0 70.2 105.4

39 51.8 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

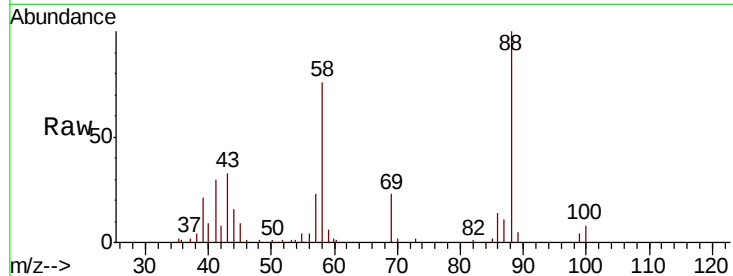




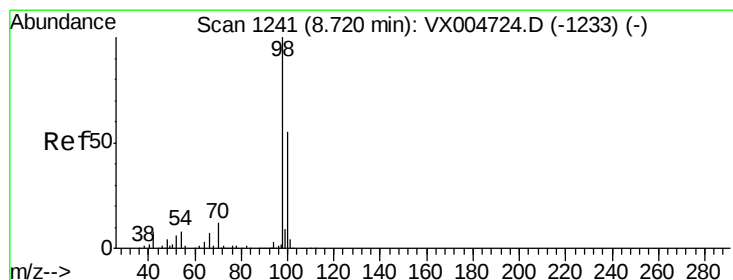
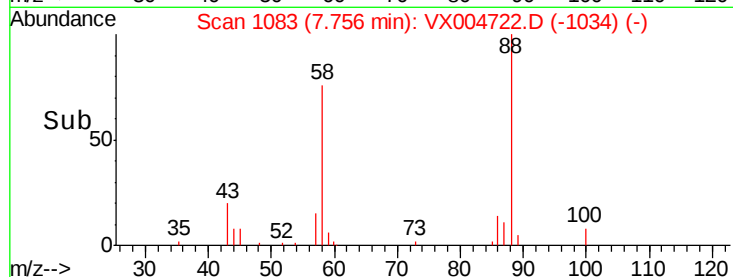
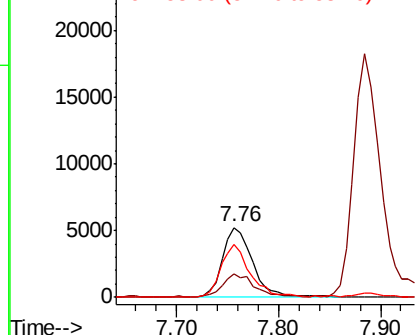
#49
1,4-Dioxane
Concen: 95.267 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004722.D
Acq: 26 Sep 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 10718
Ion Ratio Lower Upper
88 100
43 34.2 24.7 37.1
58 74.1 55.3 82.9

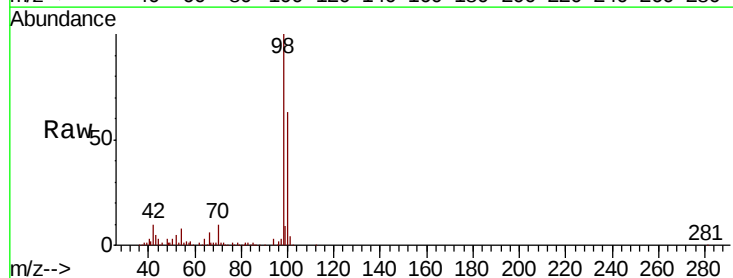


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

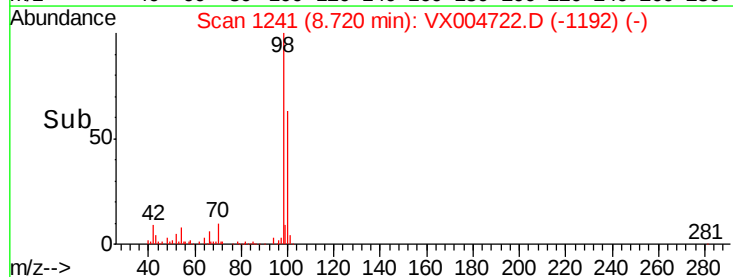
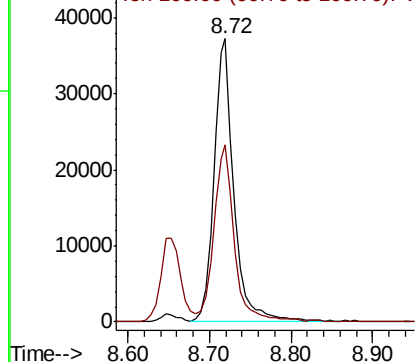


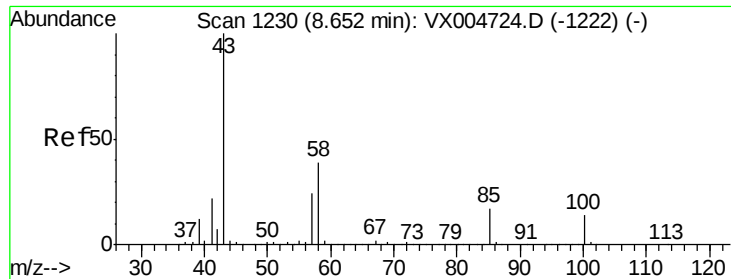
#50
Toluene-d8
Concen: 5.483 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004722.D
Acq: 26 Sep 2018 11:59

Tgt Ion: 98 Resp: 63570
Ion Ratio Lower Upper
98 100
100 65.1 52.9 79.3



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

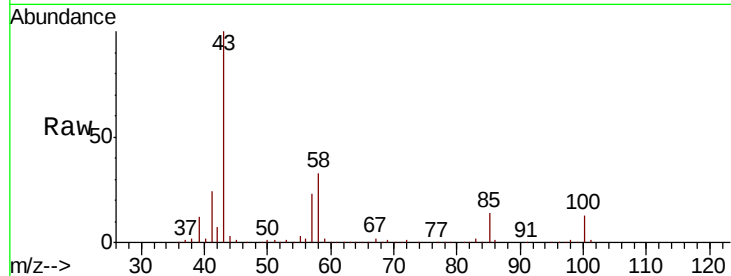




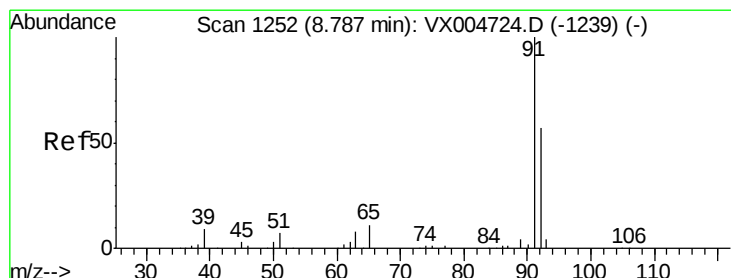
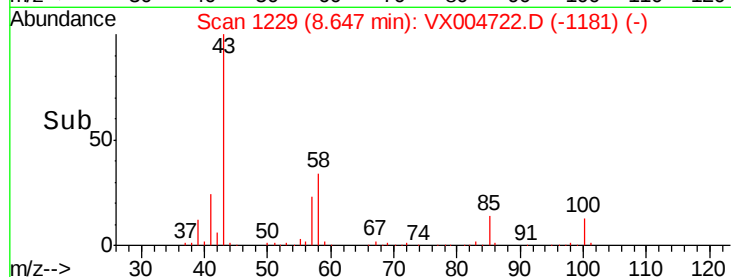
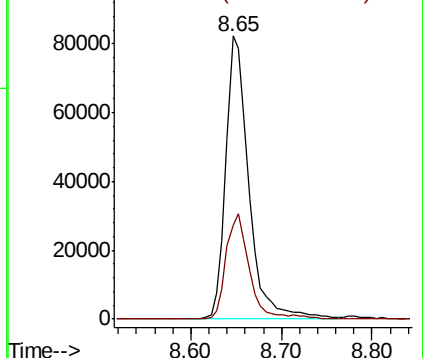
#51
 4-Methyl-2-Pentanone
 Concen: 23.654 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 145441
 Ion Ratio Lower Upper
 43 100
 58 38.4 33.1 49.7

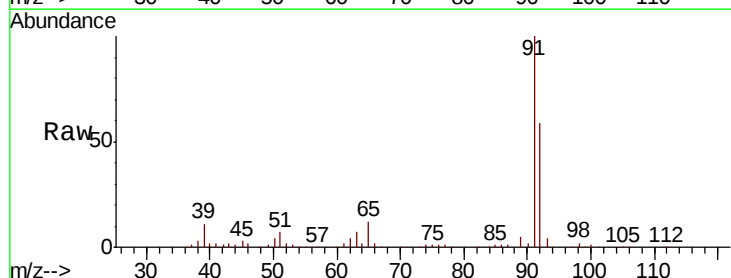


Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

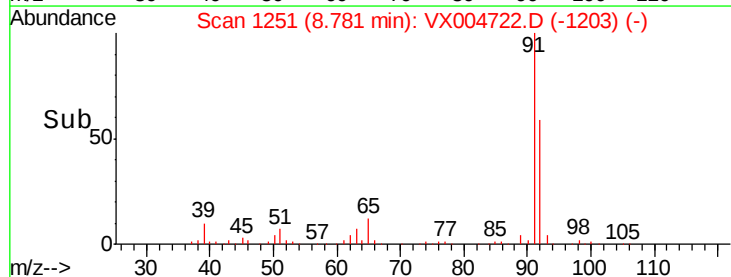
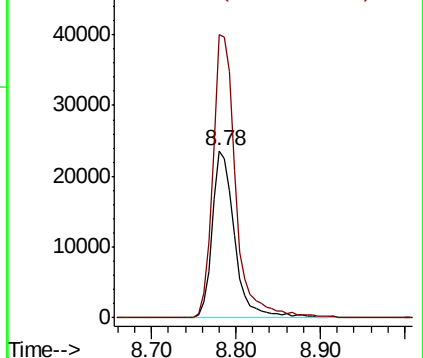


#52
 Toluene
 Concen: 5.003 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

Tgt Ion: 92 Resp: 43751
 Ion Ratio Lower Upper
 92 100
 91 172.4 136.4 204.6



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





#53

t-1,3-Dichloropropene

Concen: 4.007 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

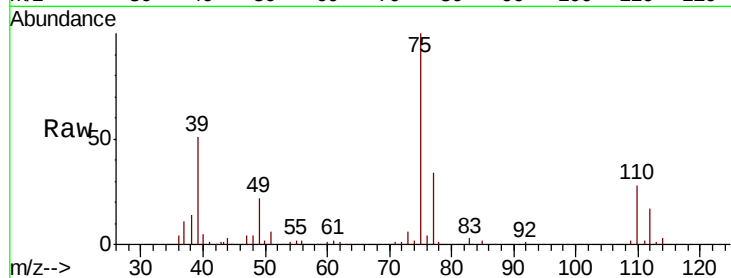
VSTDIC005

Tgt Ion: 75 Resp: 21917

Ion Ratio Lower Upper

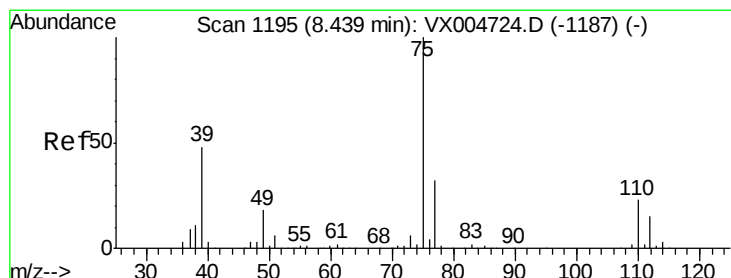
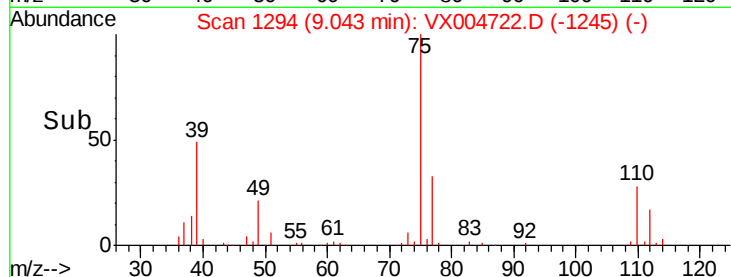
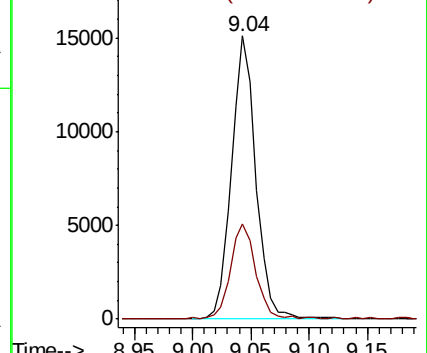
75 100

77 33.4 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 4.730 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

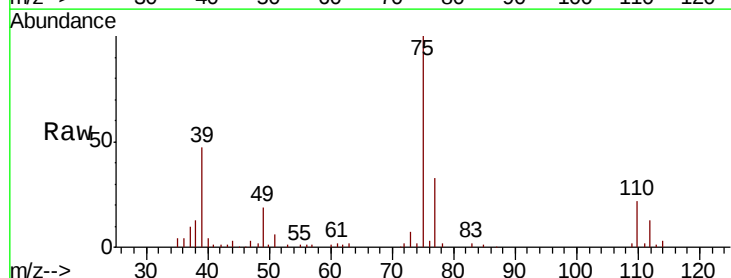
Tgt Ion: 75 Resp: 25327

Ion Ratio Lower Upper

75 100

77 33.5 26.2 39.2

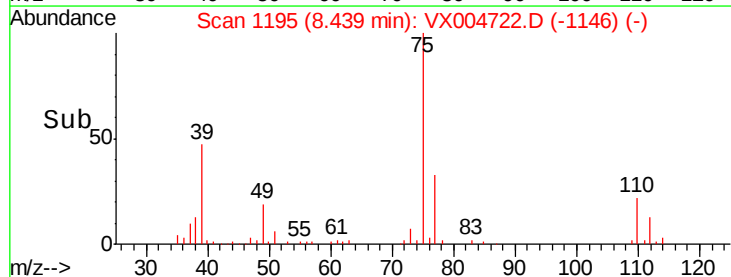
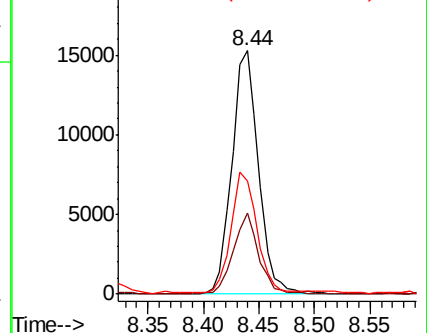
39 45.9 36.4 54.6



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

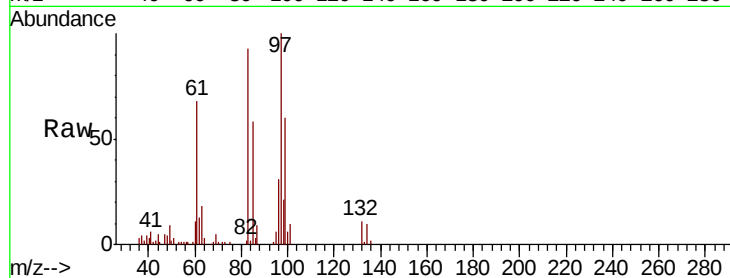




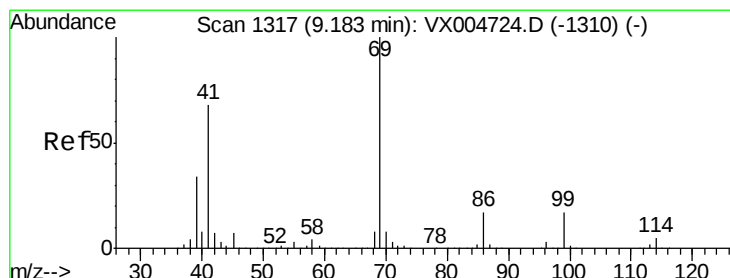
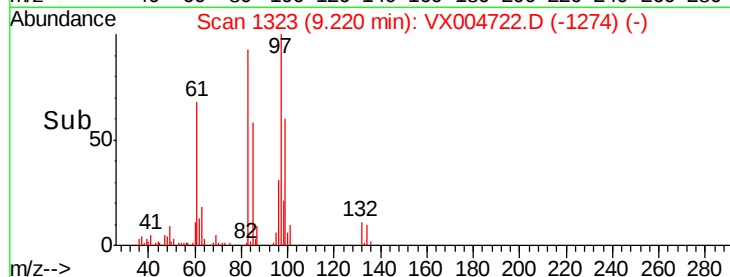
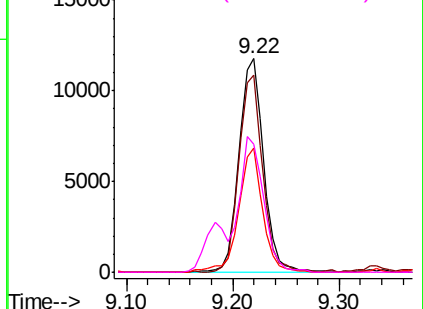
#55
 1,1,2-Trichloroethane
 Concen: 5.015 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	19136
Ion	Ratio	Lower	Upper
97	100		
83	92.6	66.4	99.6
85	57.9	43.3	64.9
99	60.0	49.0	73.4

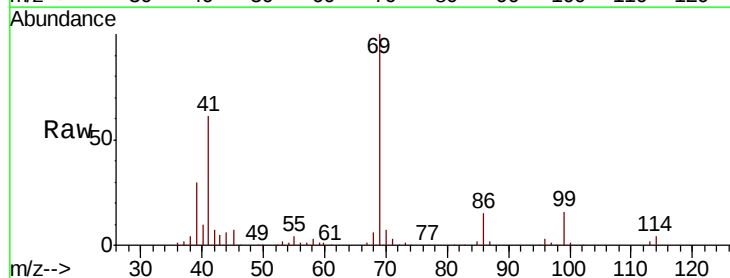


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

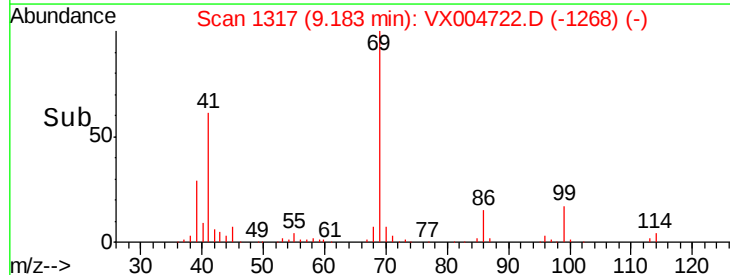
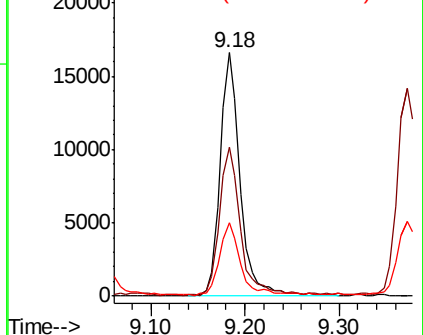


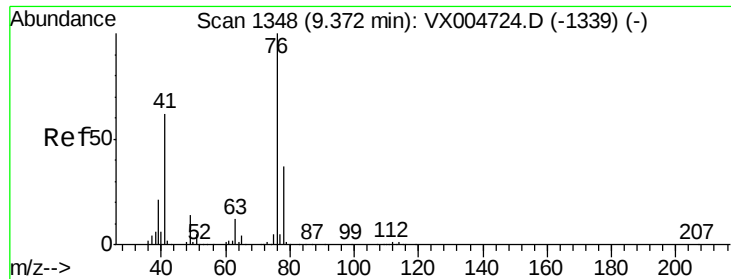
#56
 Ethyl methacrylate
 Concen: 4.229 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

Tgt Ion:	69	Resp:	24564
Ion	Ratio	Lower	Upper
69	100		
41	63.5	51.0	76.4
39	31.5	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

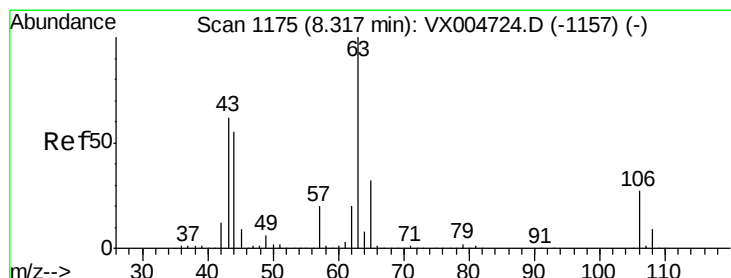
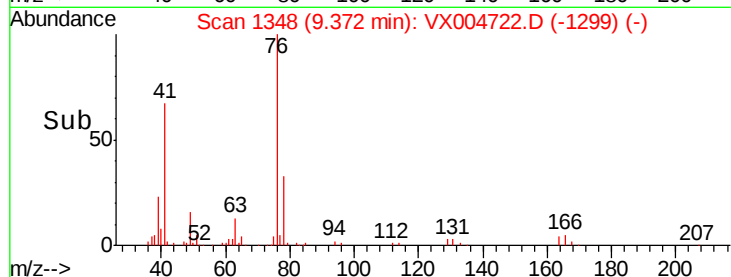
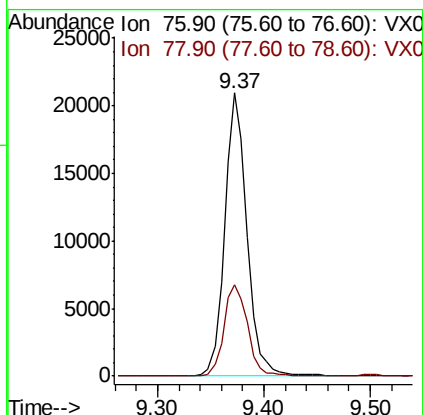
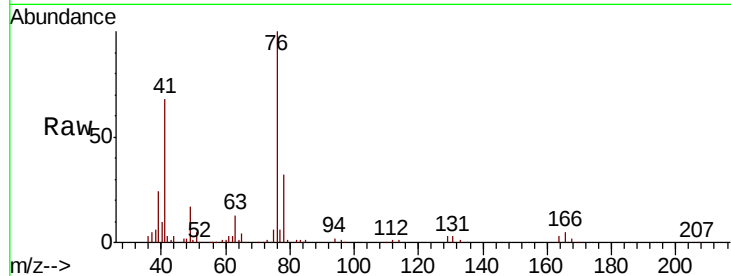




#57
 1,3-Dichloropropane
 Concen: 4.671 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

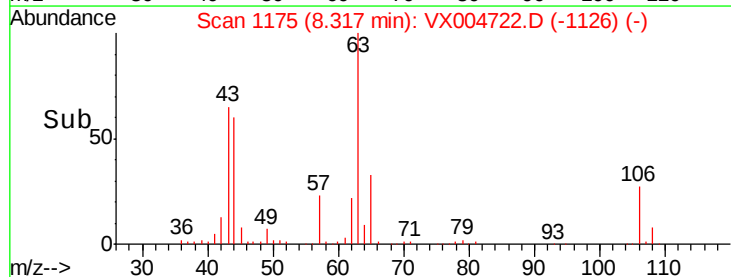
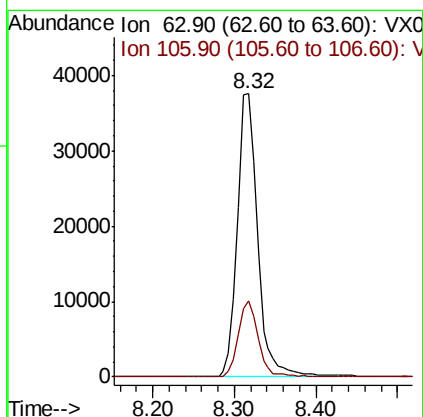
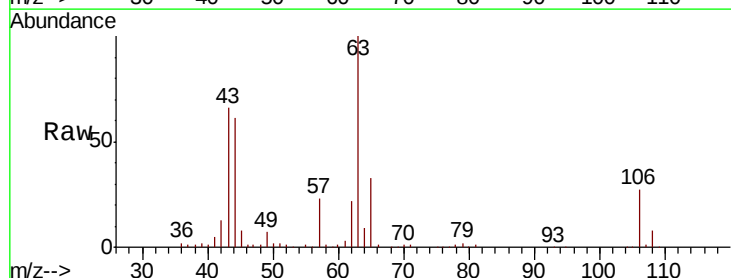
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

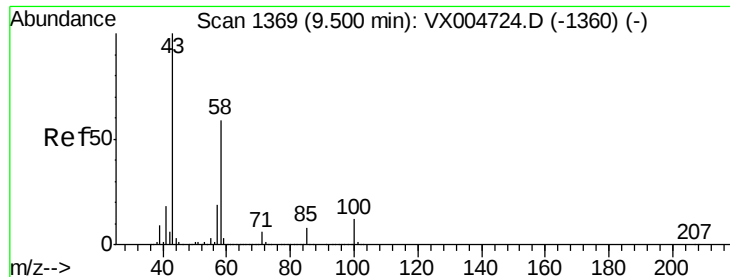
Tgt Ion: 76 Resp: 30485
 Ion Ratio Lower Upper
 76 100
 78 34.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 20.695 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

Tgt Ion: 63 Resp: 64250
 Ion Ratio Lower Upper
 63 100
 106 26.3 23.9 35.9

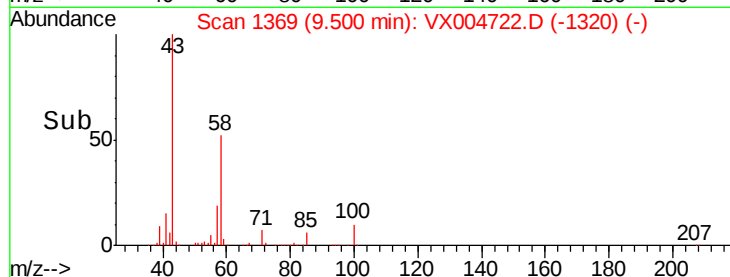
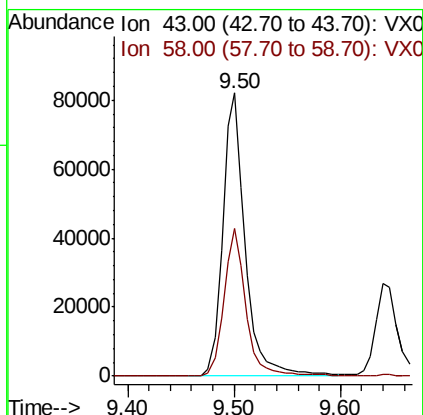
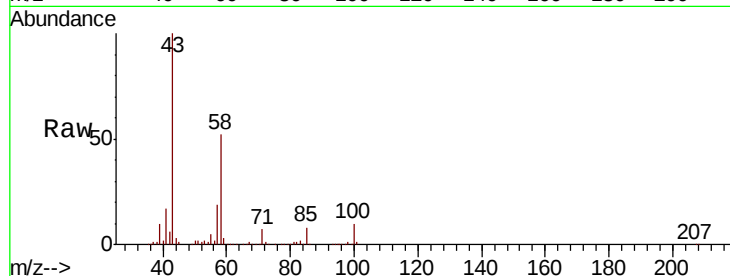




#59
2-Hexanone
Concen: 21.856 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004722.D
Acq: 26 Sep 2018 11:59

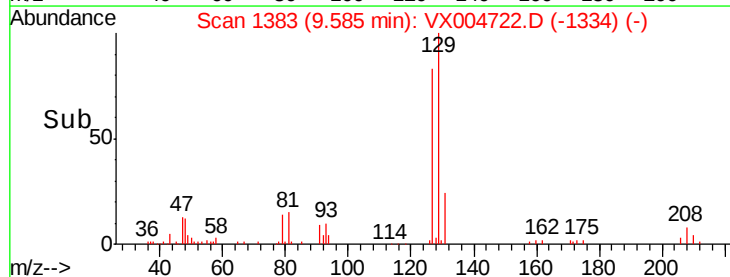
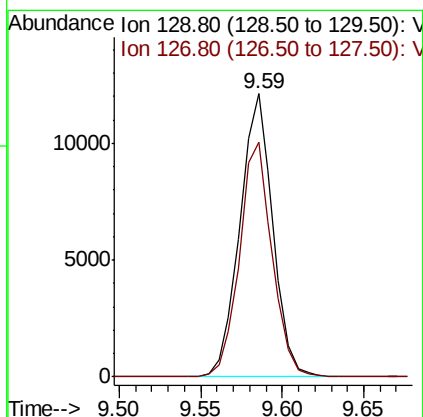
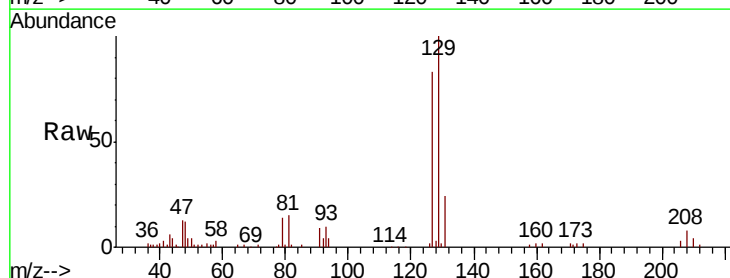
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

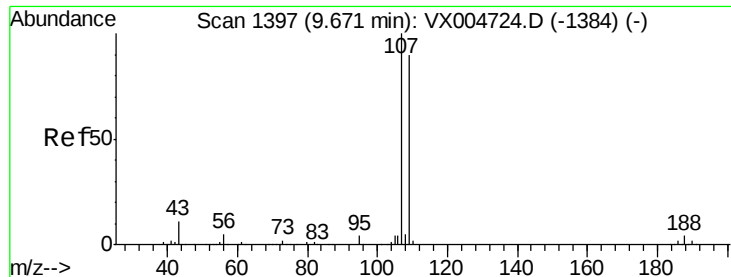
Tgt Ion: 43 Resp: 119975
Ion Ratio Lower Upper
43 100
58 51.5 29.0 87.0



#60
Dibromochloromethane
Concen: 4.093 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004722.D
Acq: 26 Sep 2018 11:59

Tgt Ion: 129 Resp: 17066
Ion Ratio Lower Upper
129 100
127 81.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 5.008 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

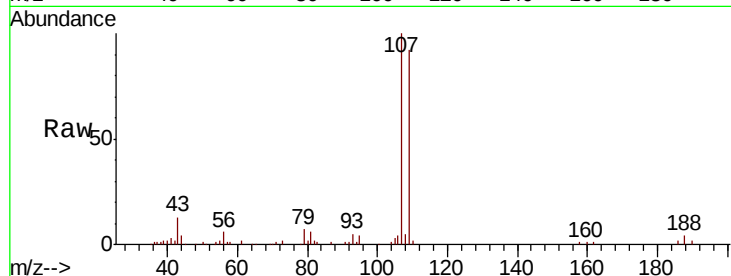
VSTDIC005

Tgt Ion: 107 Resp: 21699

Ion Ratio Lower Upper

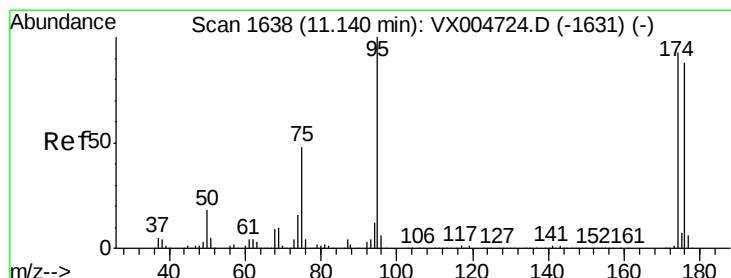
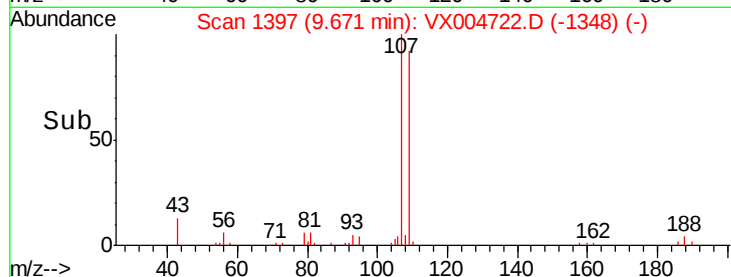
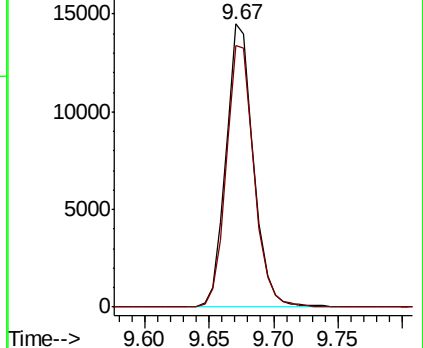
107 100

109 93.5 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.077 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

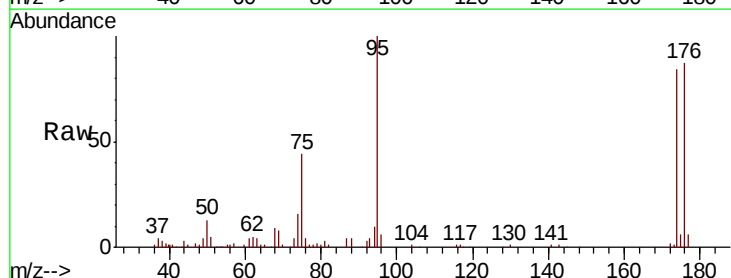
Tgt Ion: 95 Resp: 21203

Ion Ratio Lower Upper

95 100

174 90.4 0.0 185.2

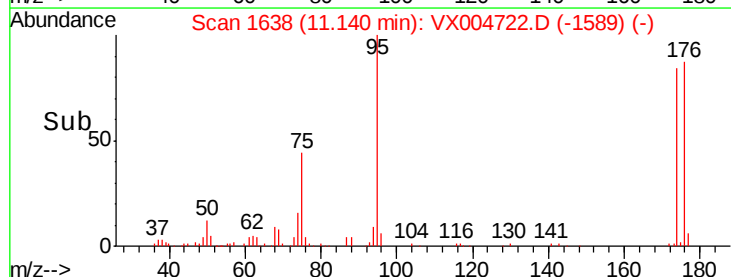
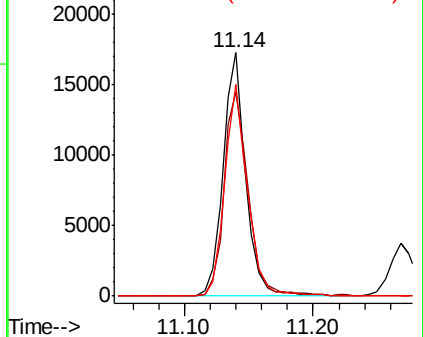
176 88.1 0.0 178.6

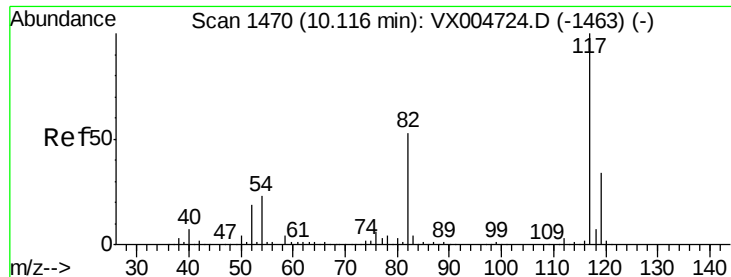


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

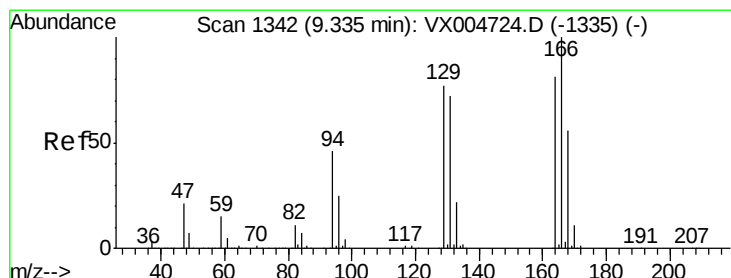
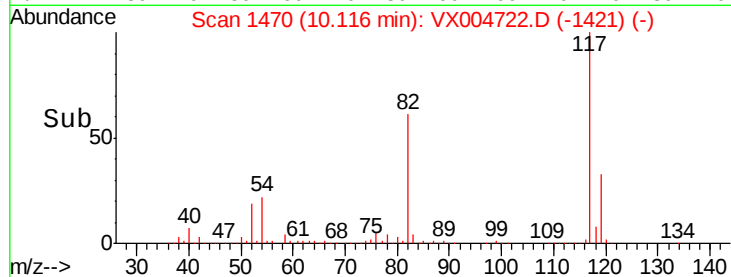
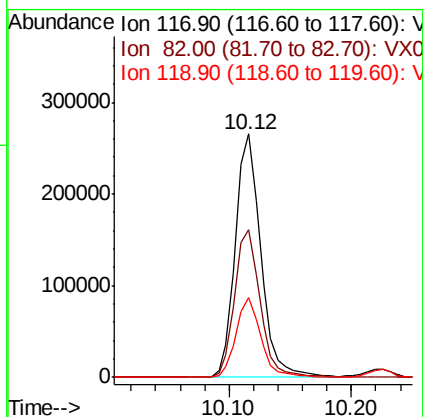
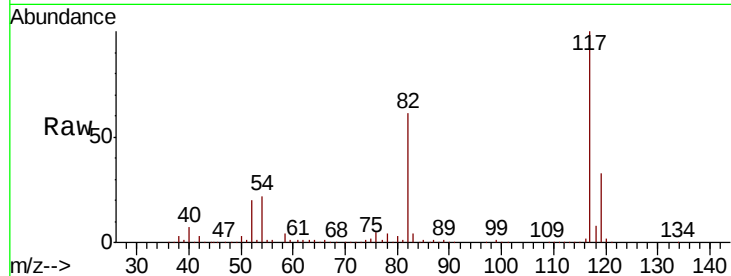




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004722.D
Acq: 26 Sep 2018 11:59

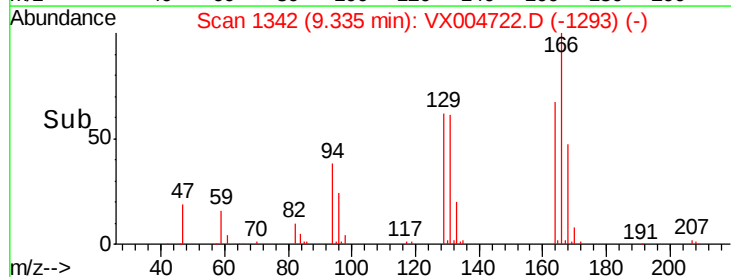
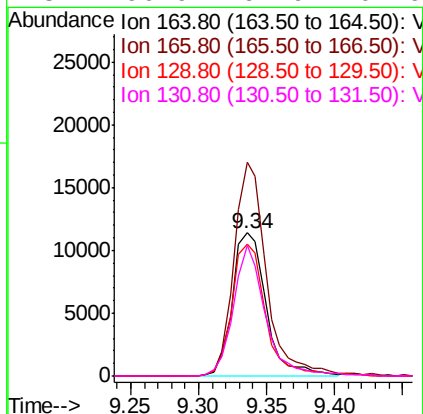
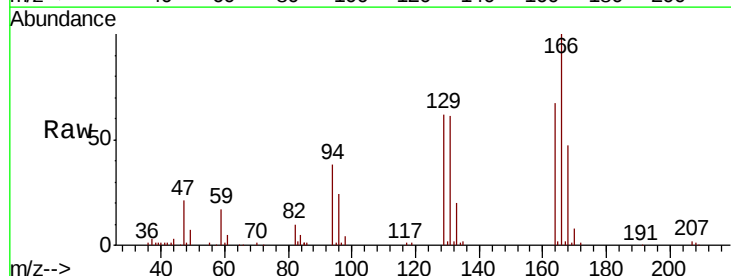
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 382401
Ion Ratio Lower Upper
117 100
82 60.6 47.8 71.6
119 32.8 29.3 43.9



#64
Tetrachloroethene
Concen: 5.149 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004722.D
Acq: 26 Sep 2018 11:59

Tgt Ion:164 Resp: 19731
Ion Ratio Lower Upper
164 100
166 149.3 102.8 154.2
129 92.2 69.4 104.0
131 90.9 67.9 101.9

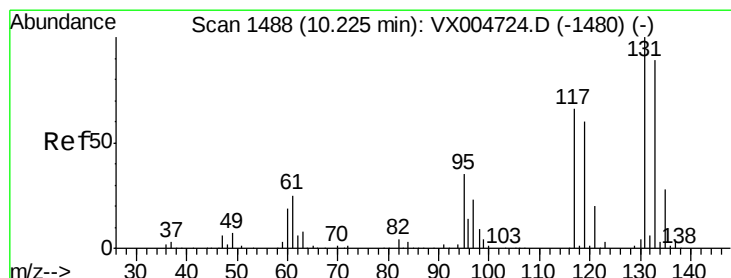
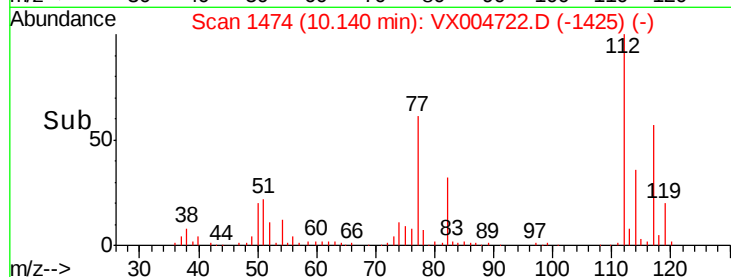
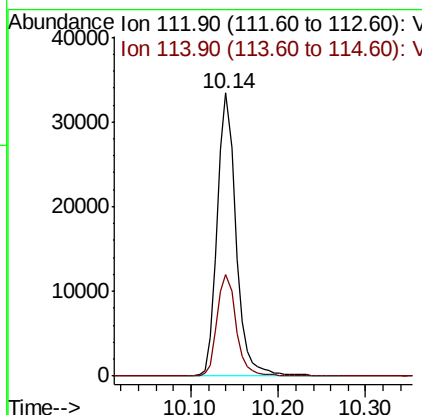
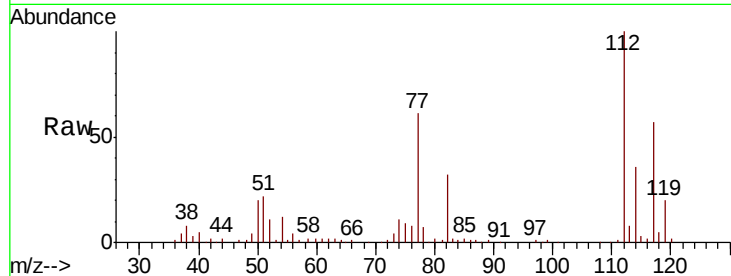




#65
Chlorobenzene
Concen: 5.157 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004722.D
Acq: 26 Sep 2018 11:59

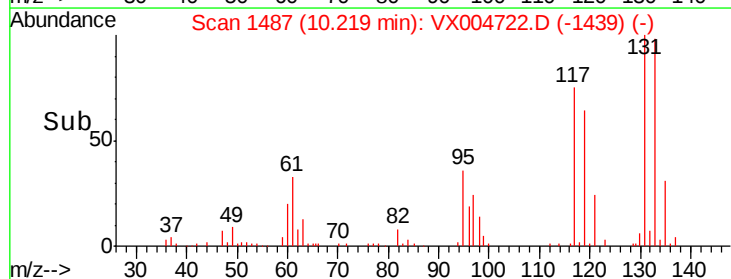
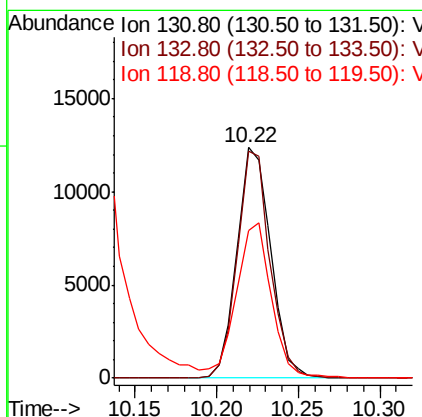
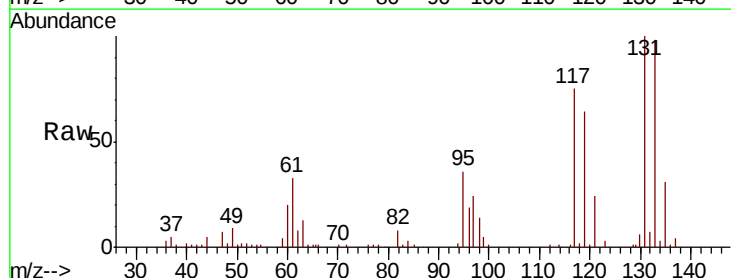
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 49597
Ion Ratio Lower Upper
112 100
114 35.8 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 5.337 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX004722.D
Acq: 26 Sep 2018 11:59

Tgt Ion:131 Resp: 17927
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.4
119 70.0 32.9 98.6





#67

Ethyl Benzene

Concen: 5.299 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

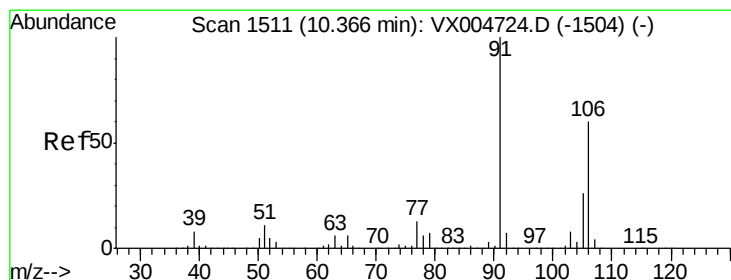
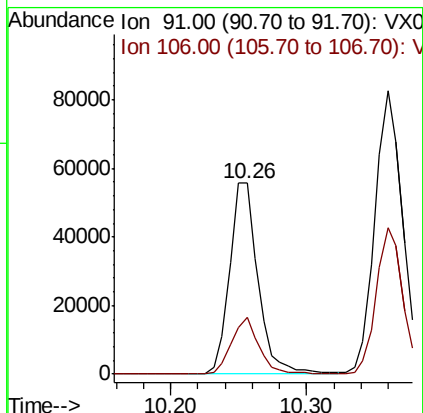
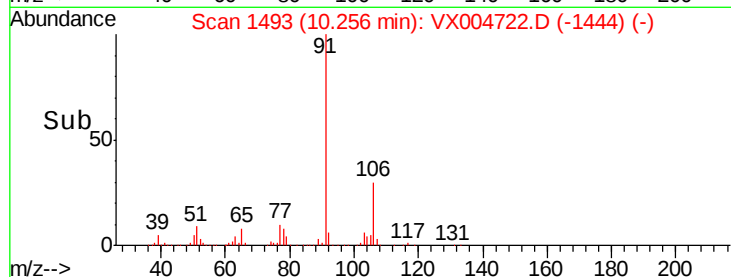
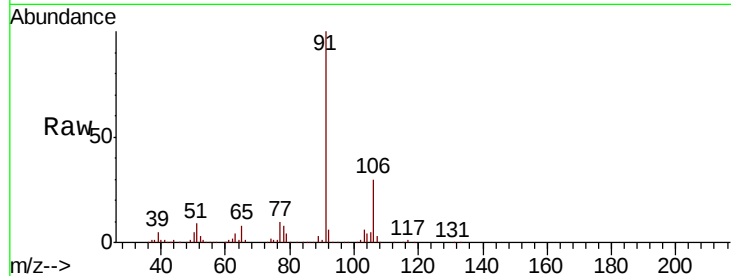
VSTDIC005

Tgt Ion: 91 Resp: 81498

Ion Ratio Lower Upper

91 100

106 29.9 25.9 38.9



#68

m/p-Xylenes

Concen: 9.671 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004722.D

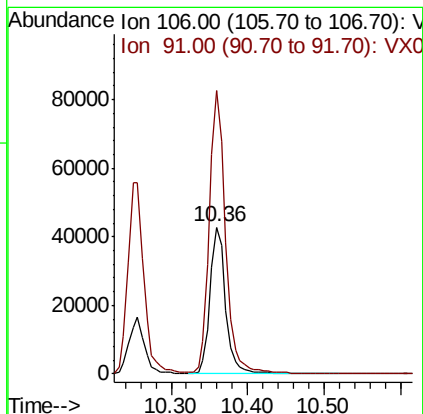
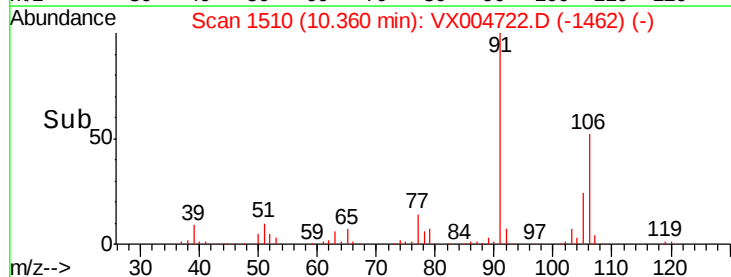
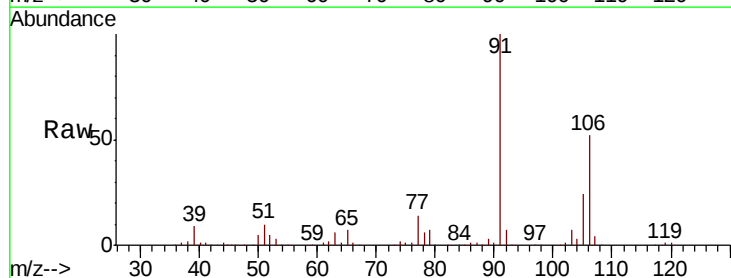
Acq: 26 Sep 2018 11:59

Tgt Ion: 106 Resp: 60848

Ion Ratio Lower Upper

106 100

91 200.9 157.1 235.7

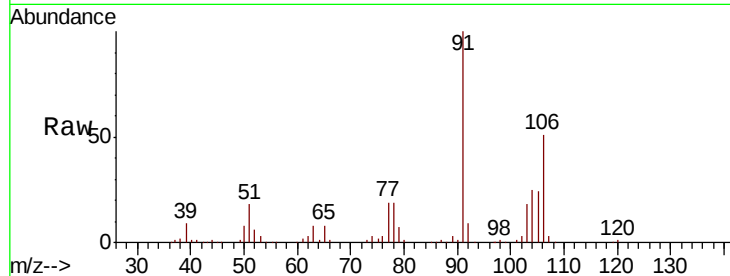




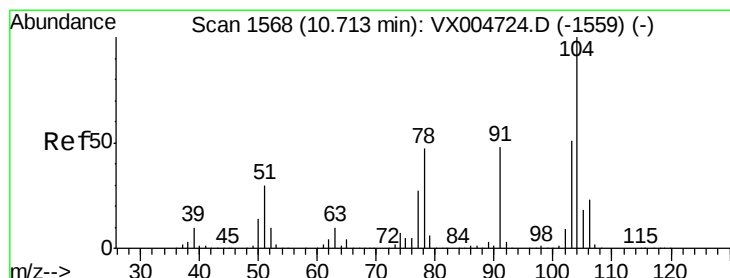
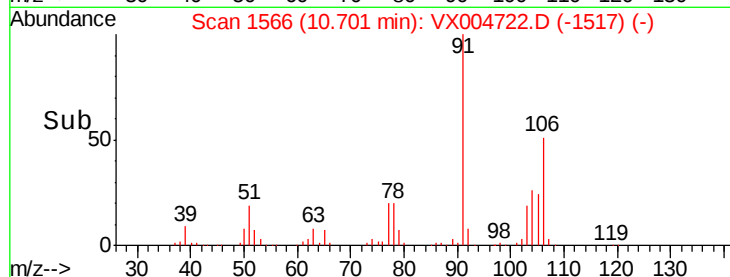
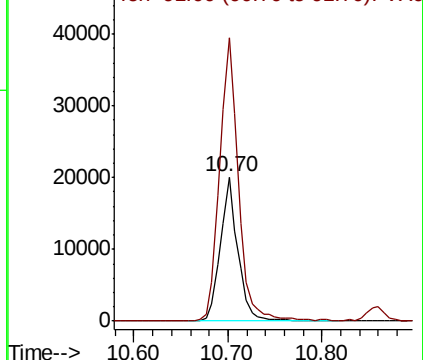
#69
o-Xylene
Concen: 4.588 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004722.D
Acq: 26 Sep 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 26119
Ion Ratio Lower Upper
106 100
91 211.3 105.1 315.1

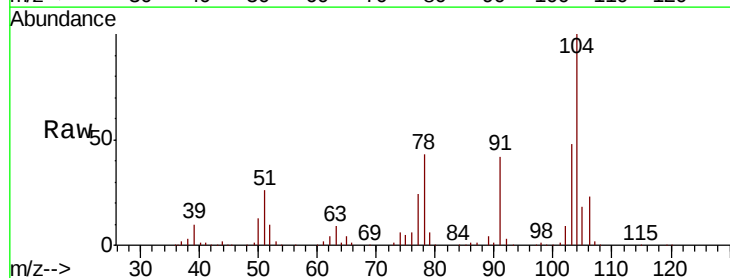


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

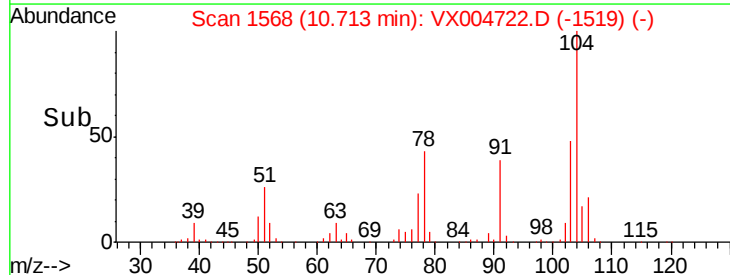
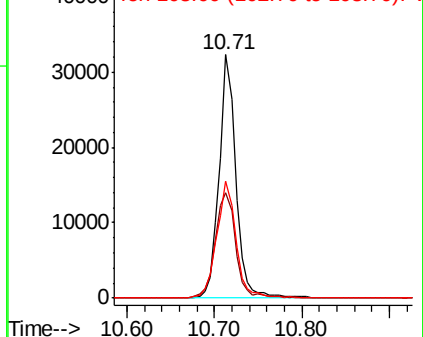


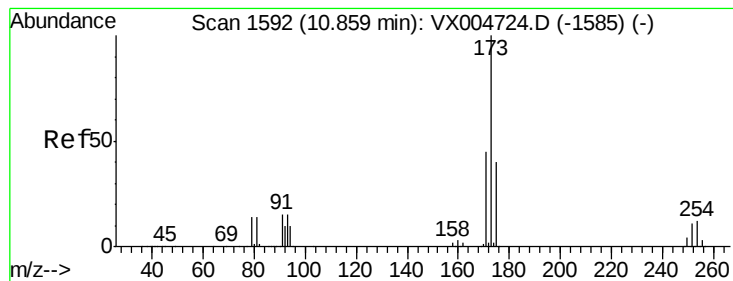
#70
Styrene
Concen: 4.389 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004722.D
Acq: 26 Sep 2018 11:59

Tgt Ion:104 Resp: 42752
Ion Ratio Lower Upper
104 100
78 53.2 37.4 56.0
103 55.1 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 4.508 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

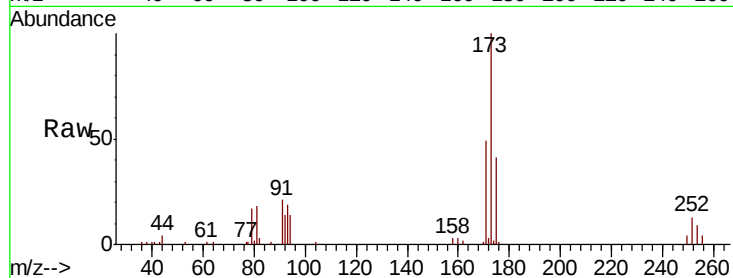
Tgt Ion:173 Resp: 13602

Ion Ratio Lower Upper

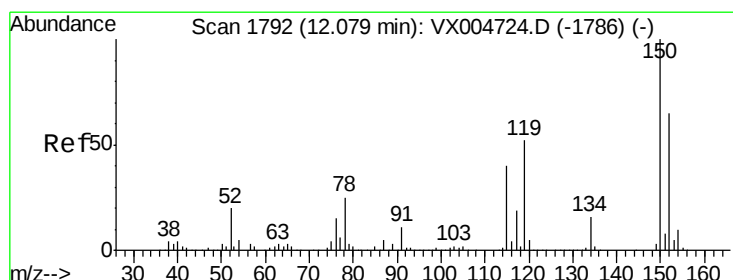
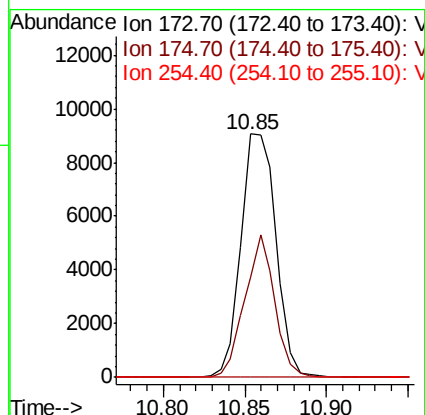
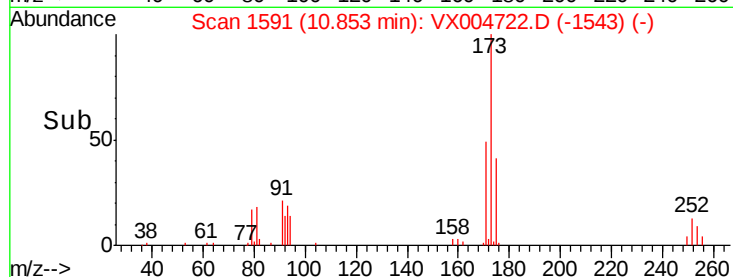
173 100

175 49.7 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: VX004722.D

Acq: 26 Sep 2018 11:59

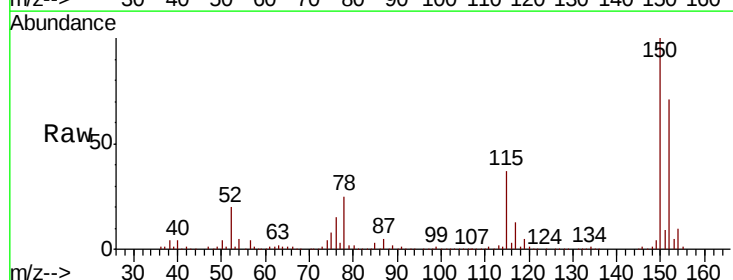
Tgt Ion:152 Resp: 251426

Ion Ratio Lower Upper

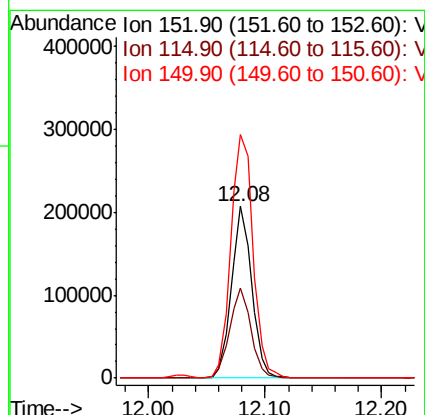
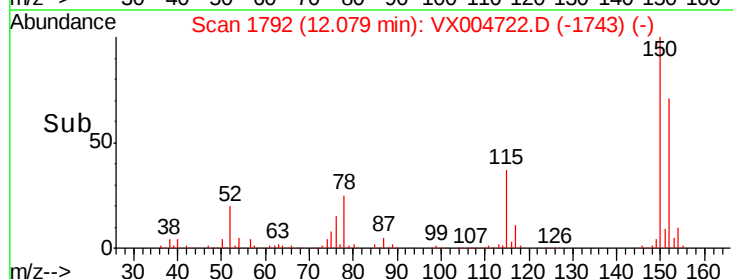
152 100

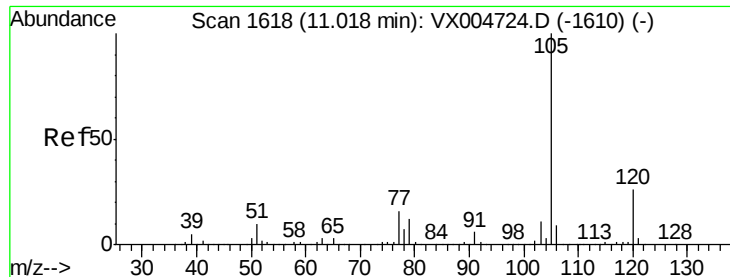
115 55.2 39.0 117.0

150 155.2 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: 3.958 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

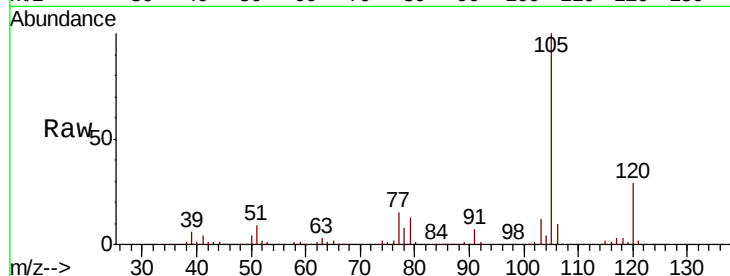
VSTDIC005

Tgt Ion: 105 Resp: 69956

Ion Ratio Lower Upper

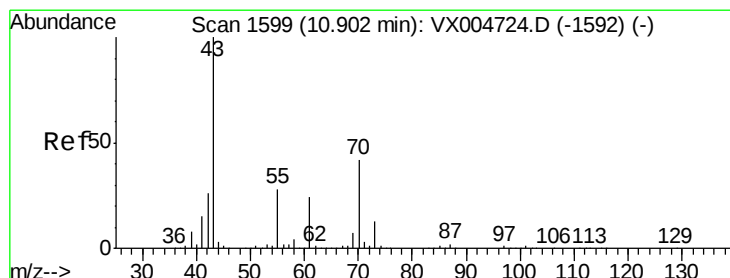
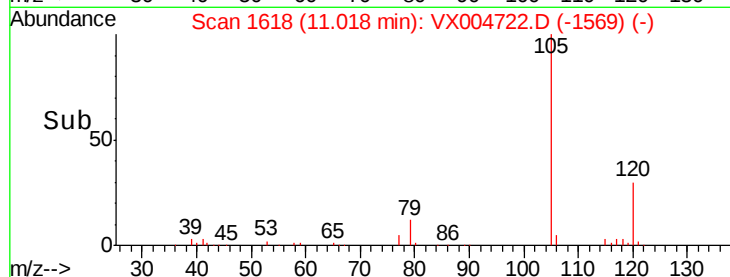
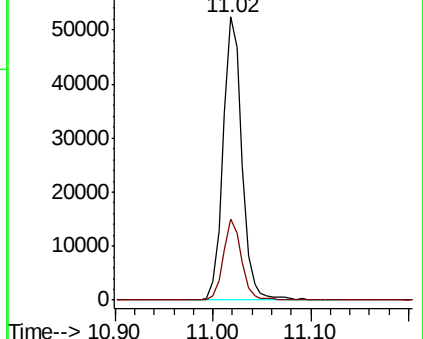
105 100

120 27.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 3.292 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Tgt Ion: 43 Resp: 28415

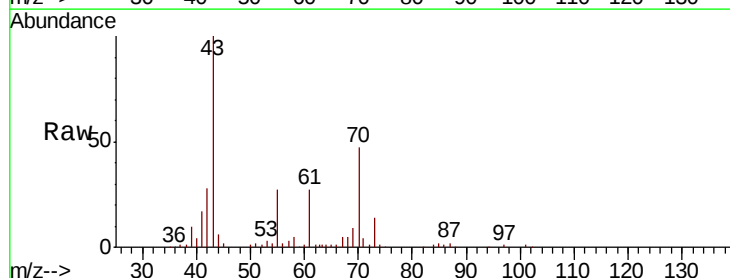
Ion Ratio Lower Upper

43 100

70 44.8 37.4 56.0

55 30.4 21.8 32.8

61 26.1 20.6 30.8

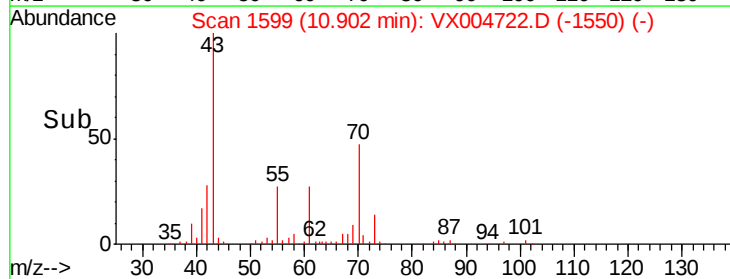
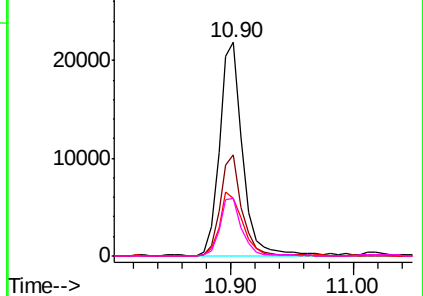


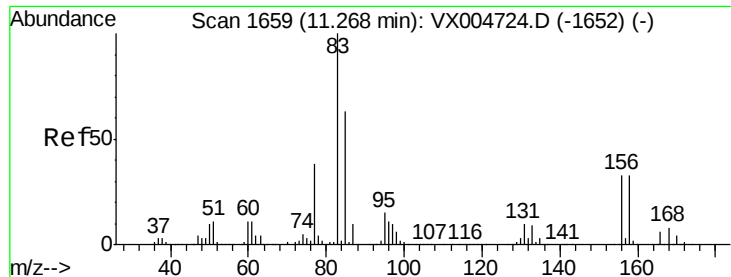
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 4.836 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

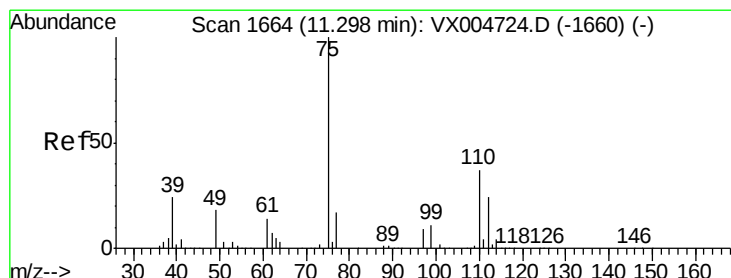
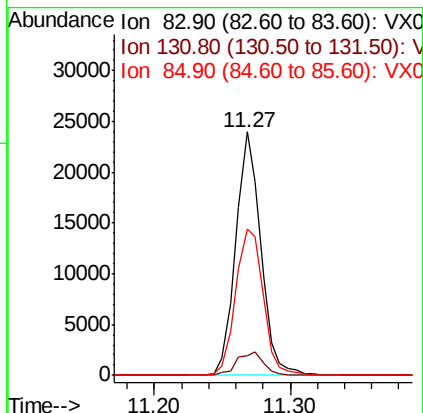
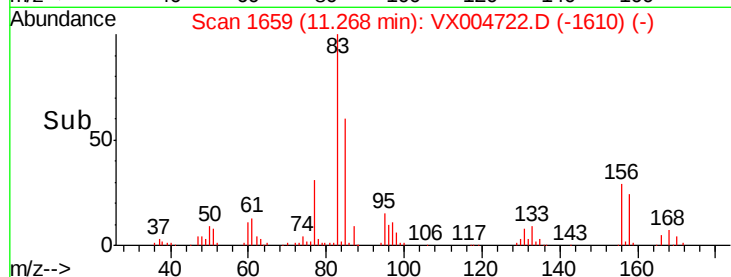
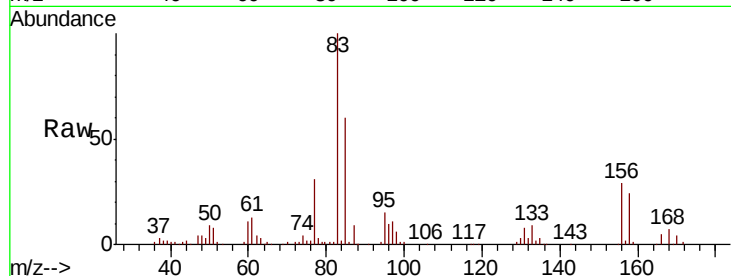
Tgt Ion: 83 Resp: 30745

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

85 65.9 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 6.070 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004722.D

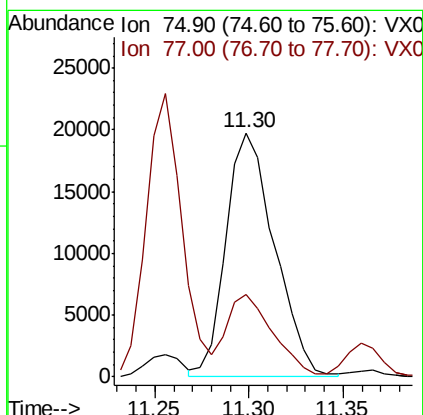
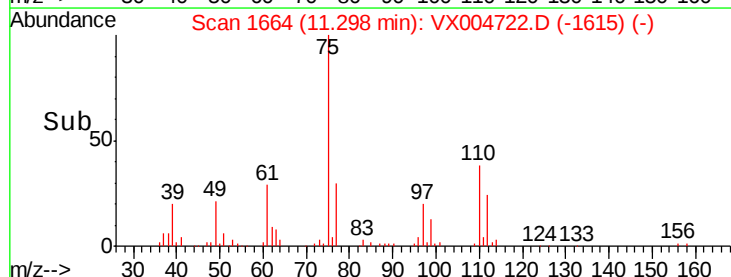
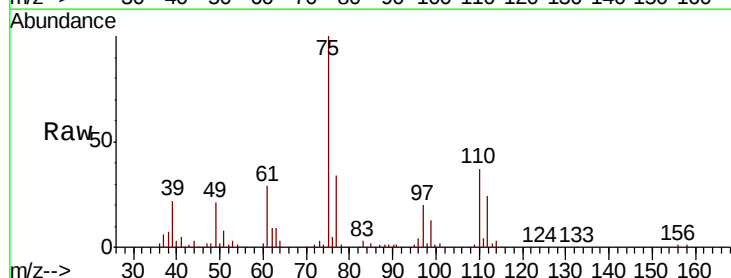
Acq: 26 Sep 2018 11:59

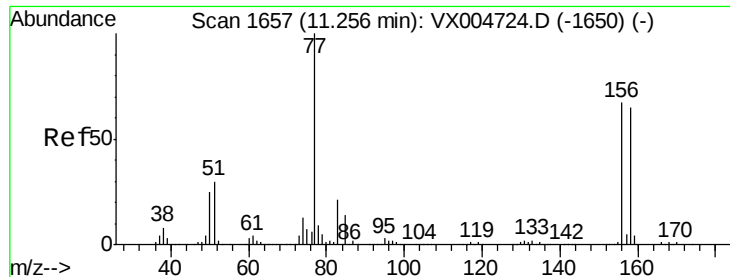
Tgt Ion: 75 Resp: 35365

Ion Ratio Lower Upper

75 100

77 31.6 20.2 60.6





#77

Bromobenzene

Concen: 4.469 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

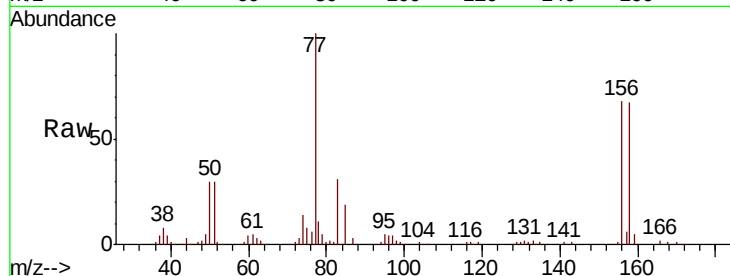
Tgt Ion:156 Resp: 21437

Ion Ratio Lower Upper

156 100

77 143.0 71.5 214.3

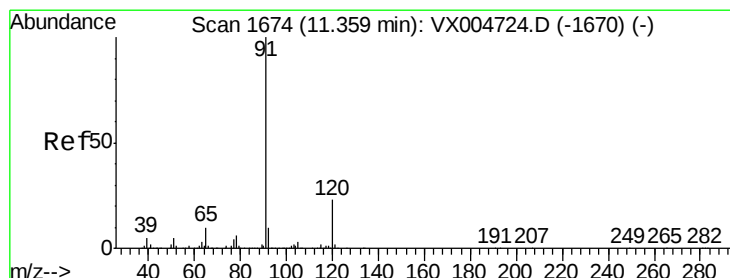
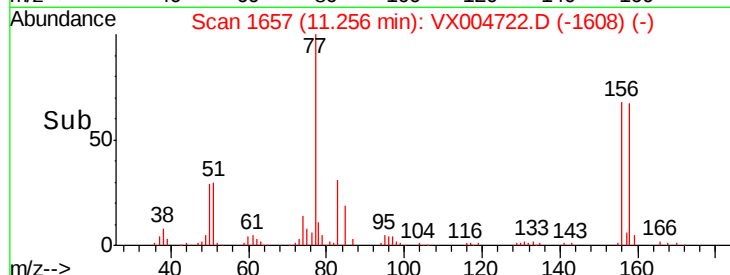
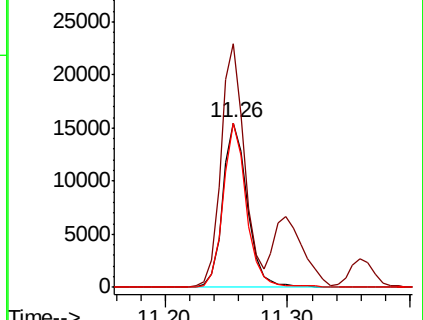
158 94.5 48.9 146.8



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: 3.737 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004722.D

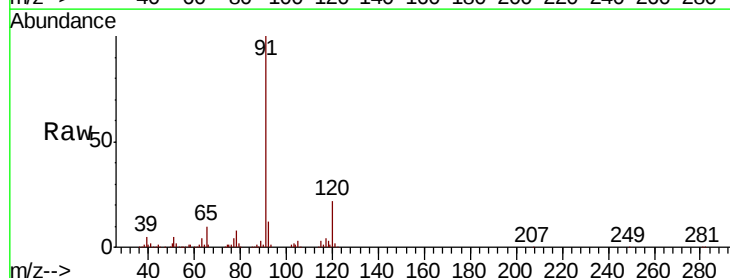
Acq: 26 Sep 2018 11:59

Tgt Ion: 91 Resp: 76381

Ion Ratio Lower Upper

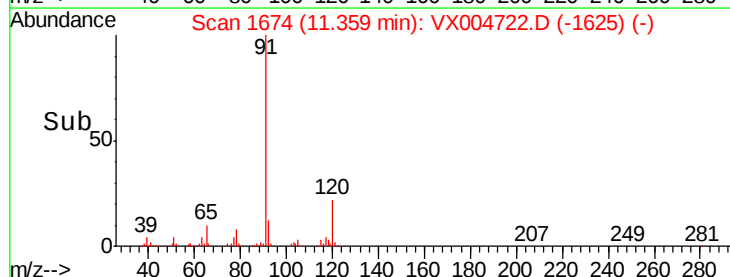
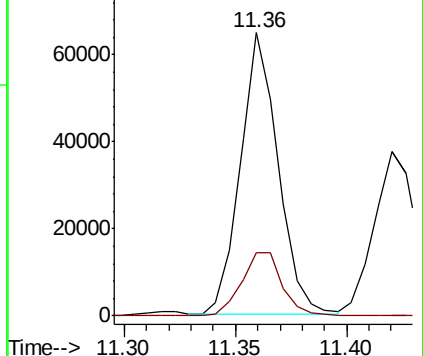
91 100

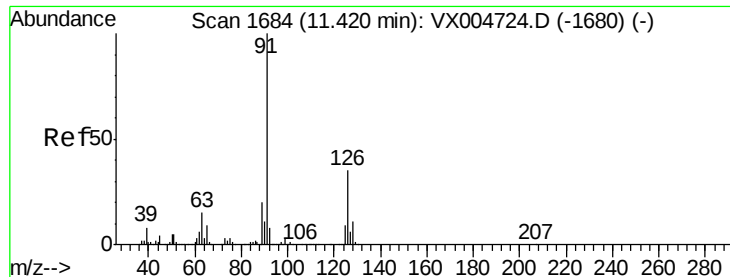
120 24.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

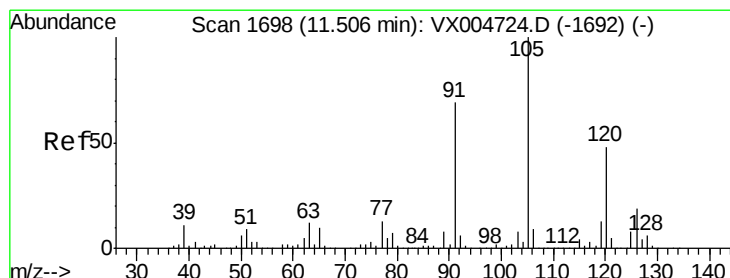
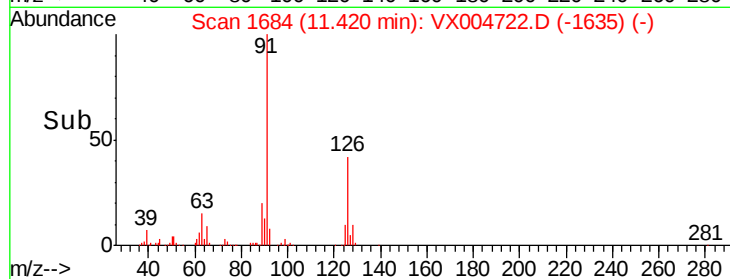
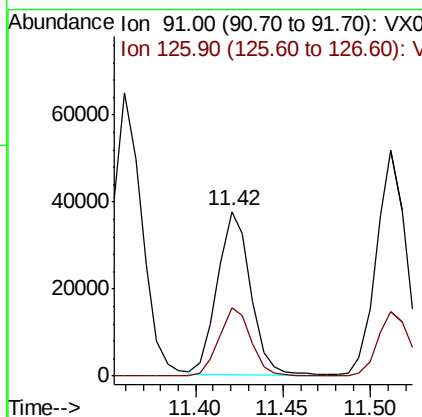
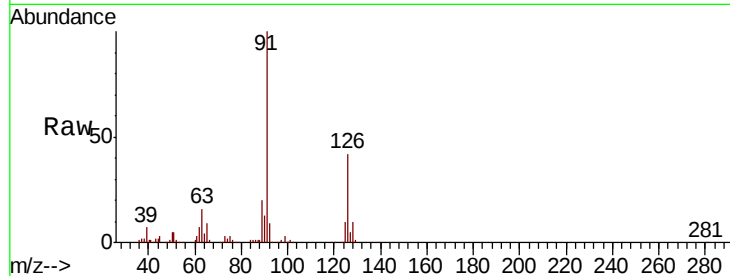




#79
 2-Chlorotoluene
 Concen: 4.047 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

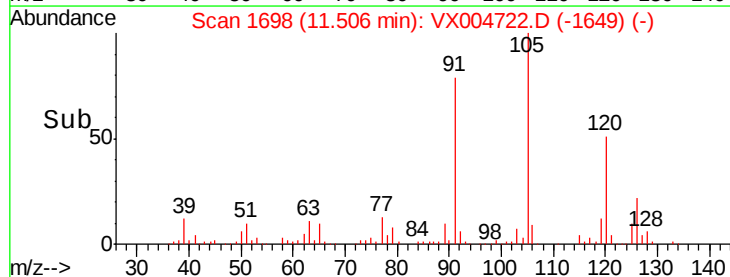
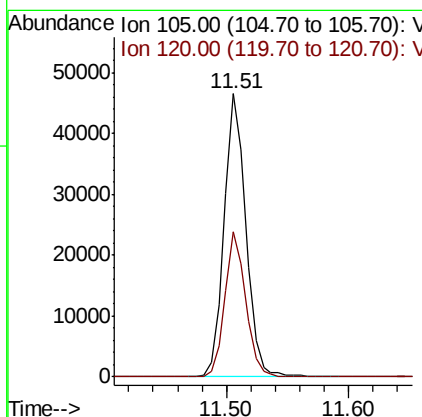
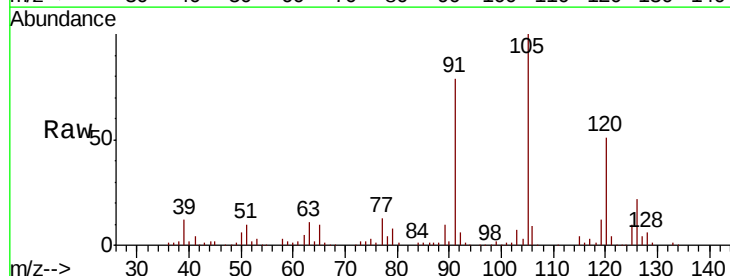
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

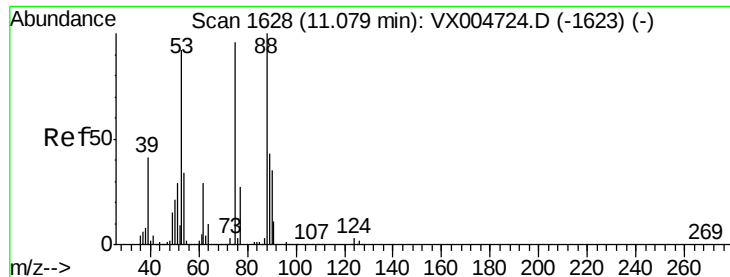
Tgt Ion: 91 Resp: 49643
 Ion Ratio Lower Upper
 91 100
 126 40.4 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 3.747 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

Tgt Ion: 105 Resp: 57035
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 3.600 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

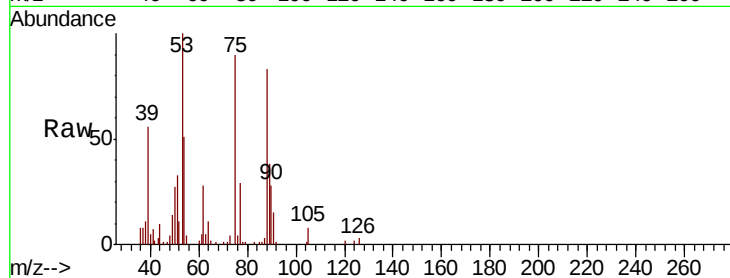
Tgt Ion: 75 Resp: 6967

Ion Ratio Lower Upper

75 100

53 114.9 80.1 120.1

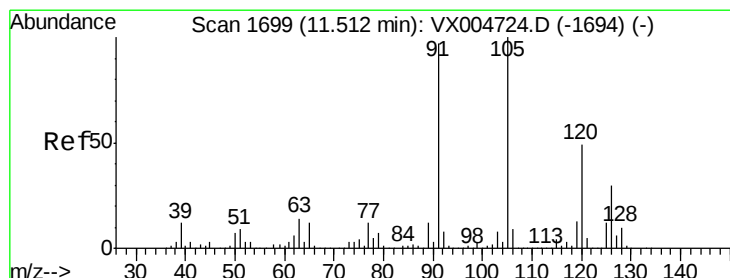
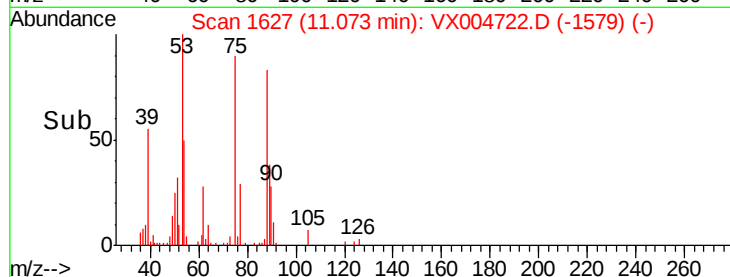
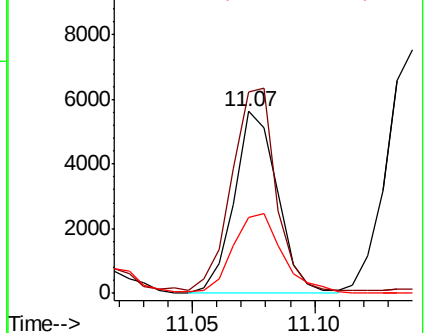
89 50.0 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 4.306 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004722.D

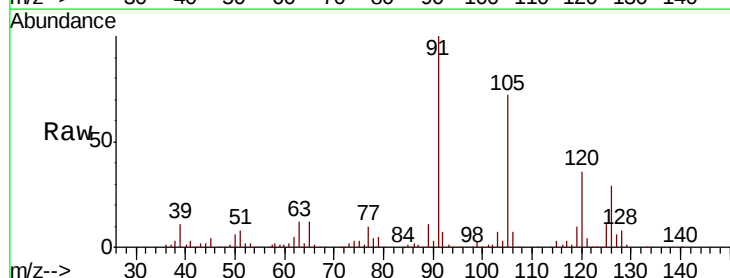
Acq: 26 Sep 2018 11:59

Tgt Ion: 91 Resp: 62822

Ion Ratio Lower Upper

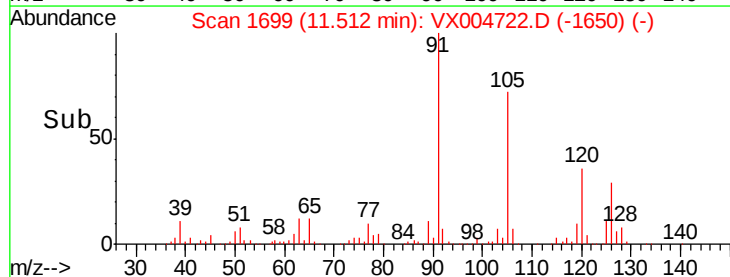
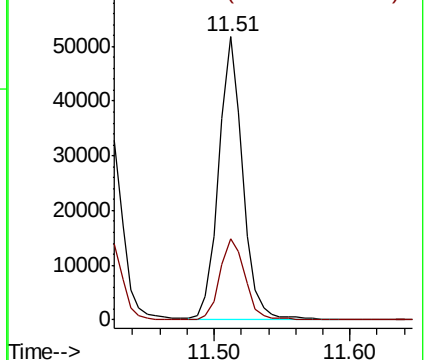
91 100

126 30.3 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

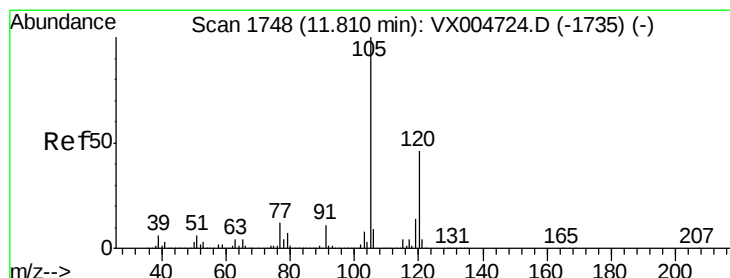
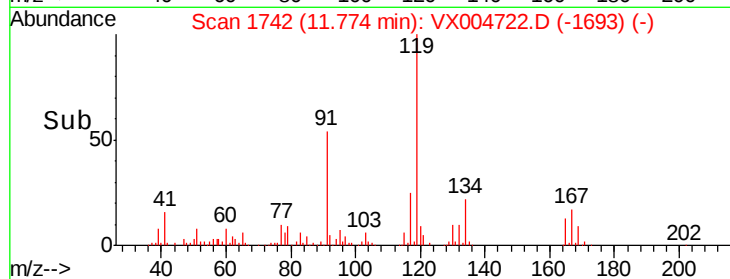
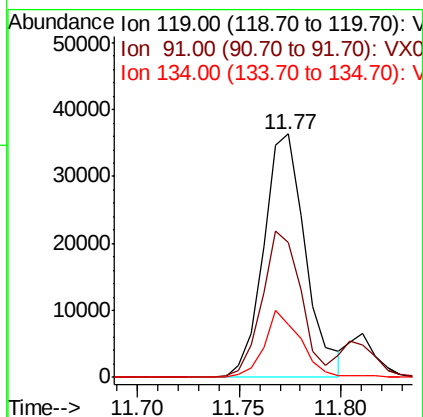
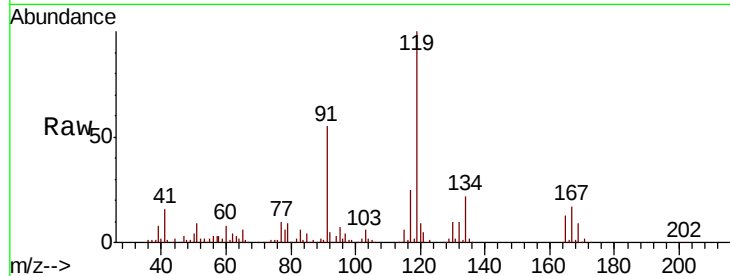




#83
 tert-Butylbenzene
 Concen: 3.591 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

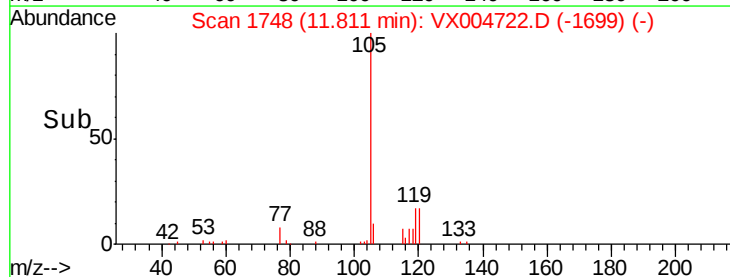
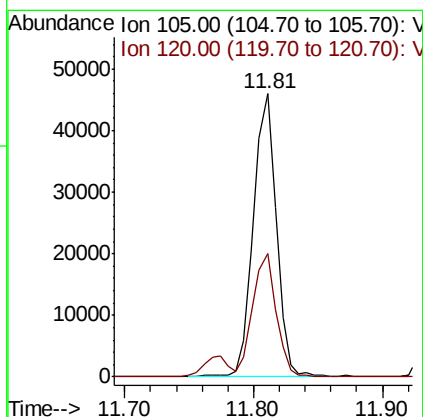
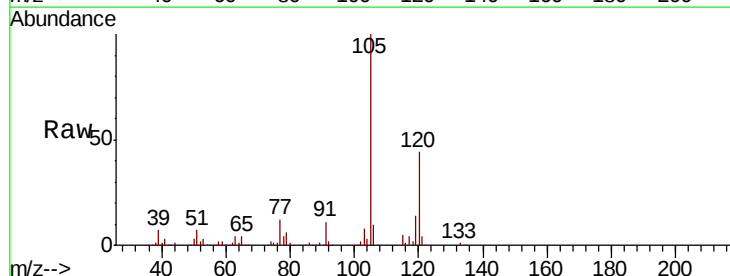
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:119 Resp: 52001
 Ion Ratio Lower Upper
 119 100
 91 55.8 27.0 81.0
 134 24.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 3.605 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

Tgt Ion:105 Resp: 56462
 Ion Ratio Lower Upper
 105 100
 120 44.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 4.143 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

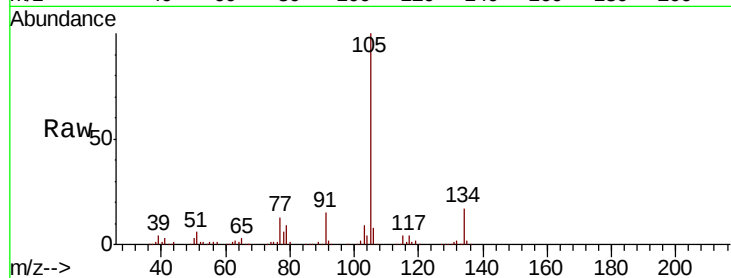
VSTDIC005

Tgt Ion:105 Resp: 73014

Ion Ratio Lower Upper

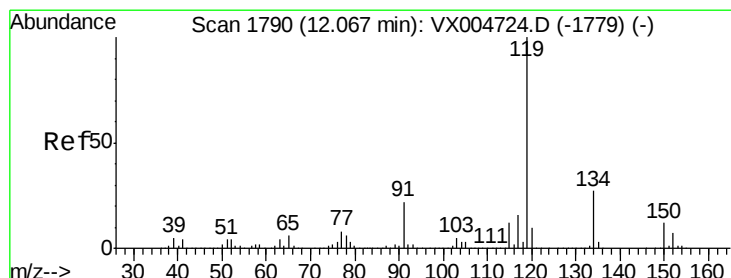
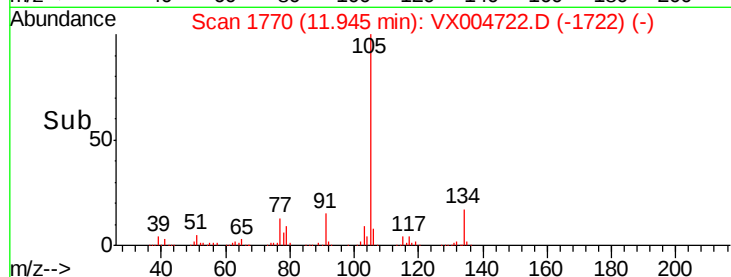
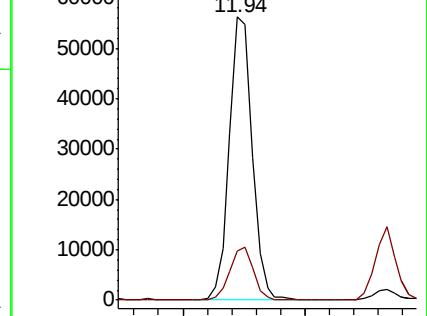
105 100

134 19.1 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.061 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

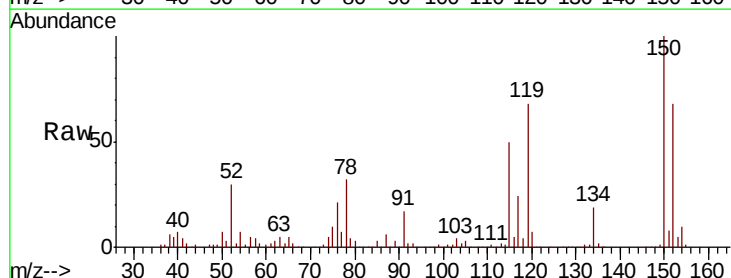
Tgt Ion:119 Resp: 65056

Ion Ratio Lower Upper

119 100

134 26.1 13.4 40.2

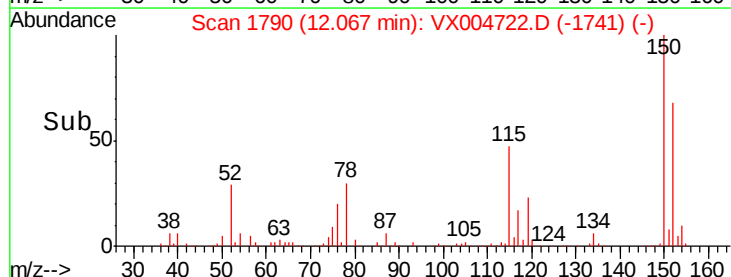
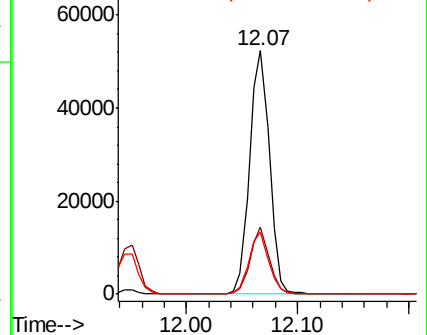
91 25.5 10.9 32.7

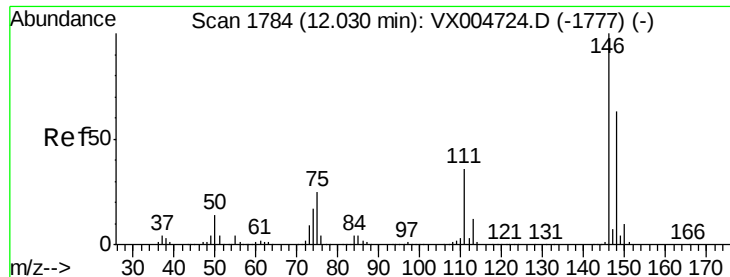


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 4.583 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

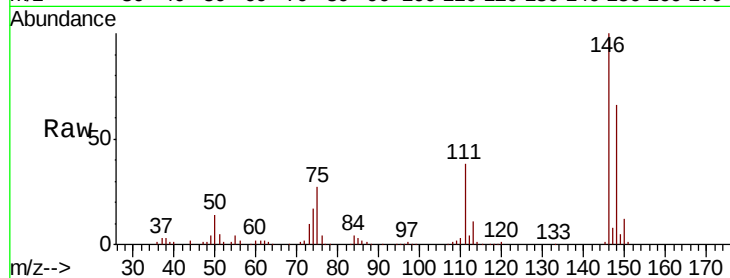
Tgt Ion:146 Resp: 40747

Ion Ratio Lower Upper

146 100

111 40.8 18.7 56.1

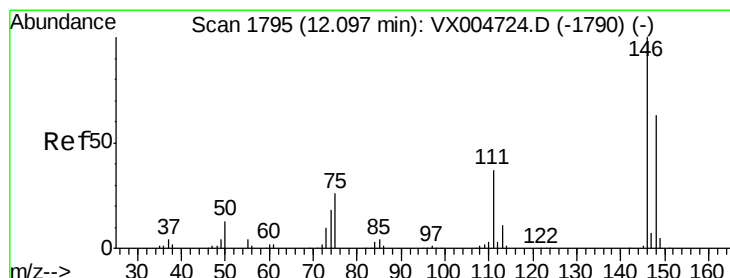
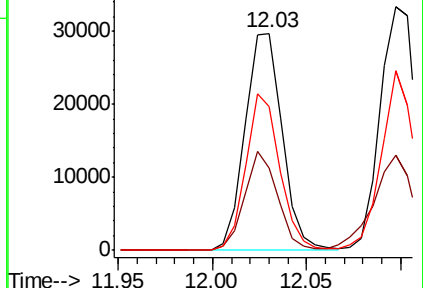
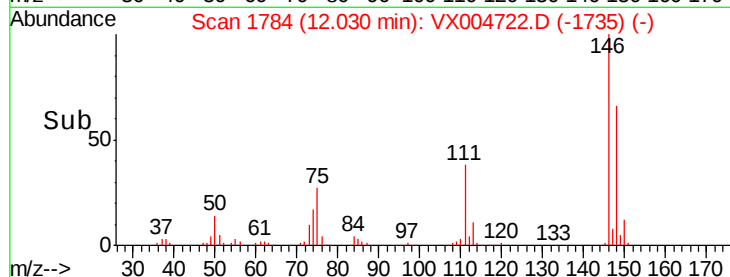
148 66.6 32.1 96.5



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



#88

1,4-Dichlorobenzene

Concen: 5.070 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

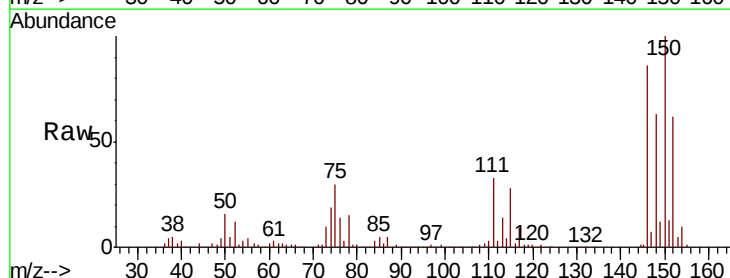
Tgt Ion:146 Resp: 45756

Ion Ratio Lower Upper

146 100

111 42.2 18.1 54.1

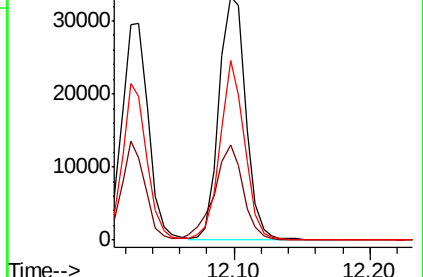
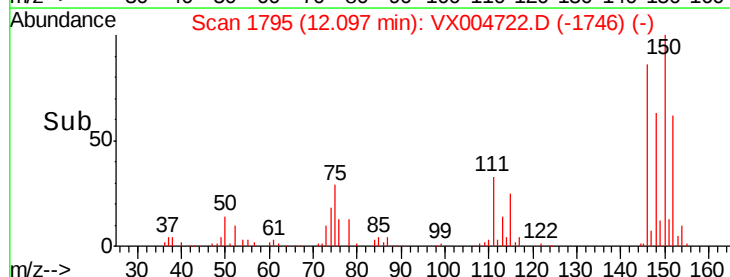
148 67.6 32.0 96.0



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

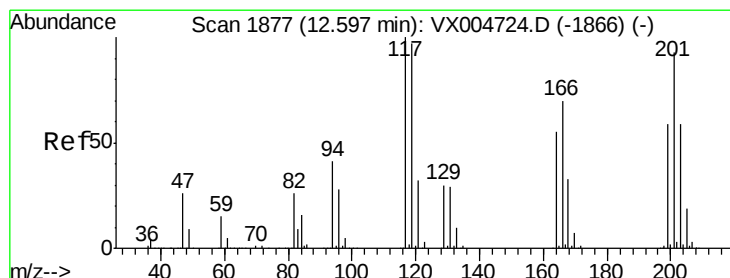
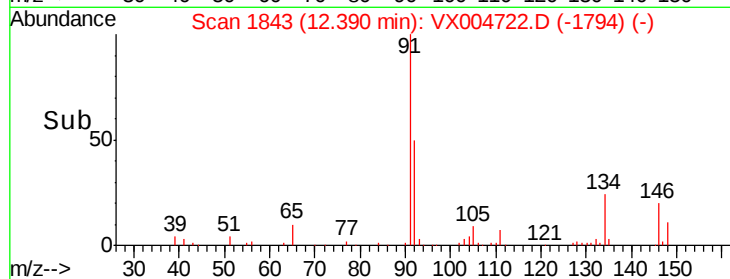
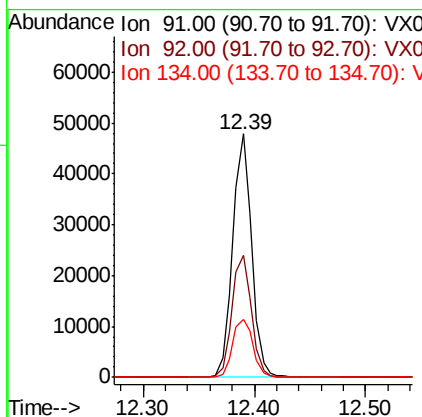
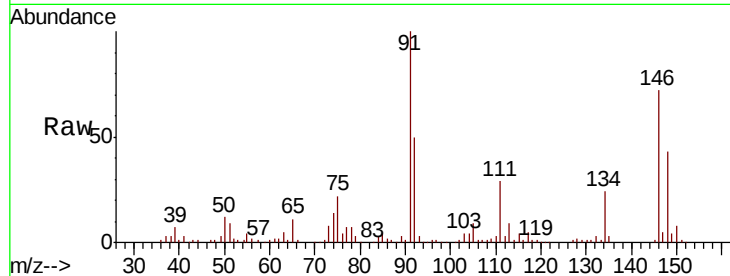




#89
n-Butylbenzene
Concen: 3.921 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004722.D
Acq: 26 Sep 2018 11:59

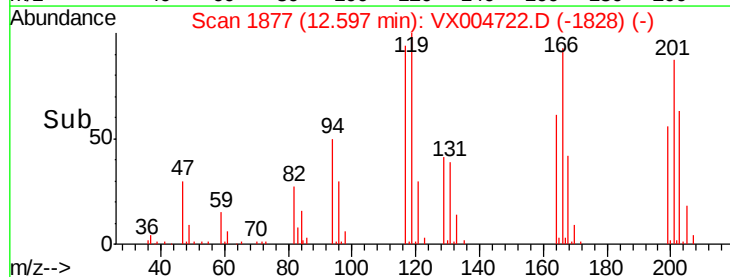
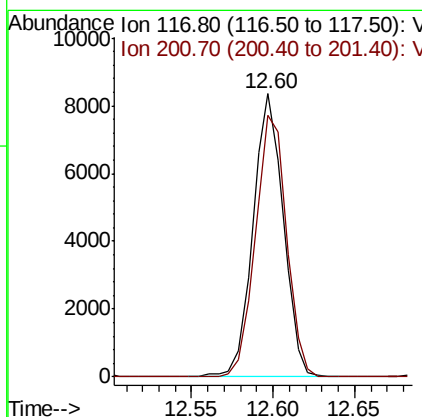
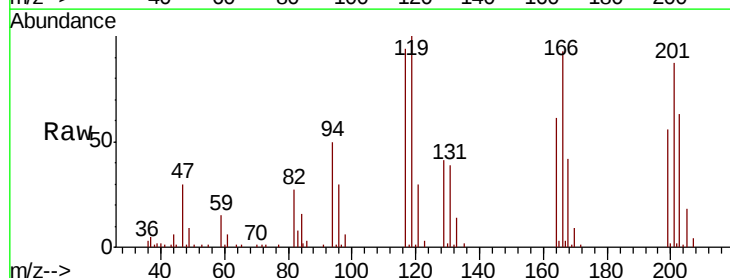
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 56496
Ion Ratio Lower Upper
91 100
92 51.2 27.3 81.9
134 25.7 13.6 40.7



#90
Hexachloroethane
Concen: 4.507 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004722.D
Acq: 26 Sep 2018 11:59

Tgt Ion: 117 Resp: 10809
Ion Ratio Lower Upper
117 100
201 94.7 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 4.941 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

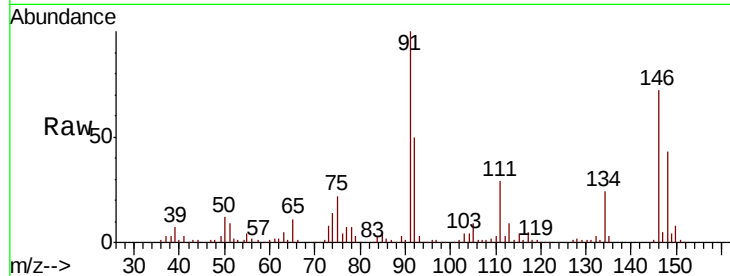
Tgt Ion:146 Resp: 44874

Ion Ratio Lower Upper

146 100

111 40.2 19.4 58.1

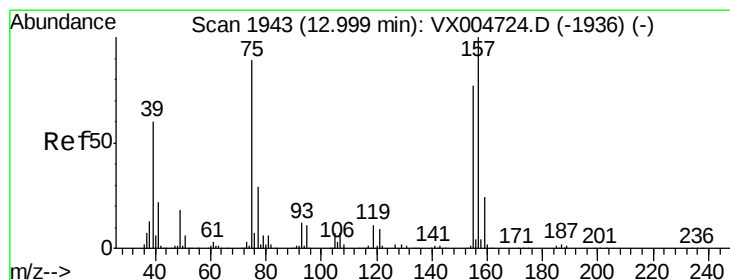
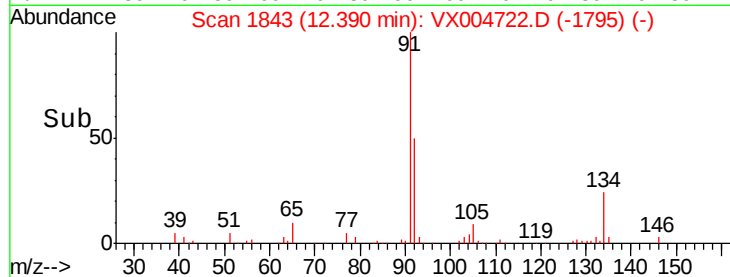
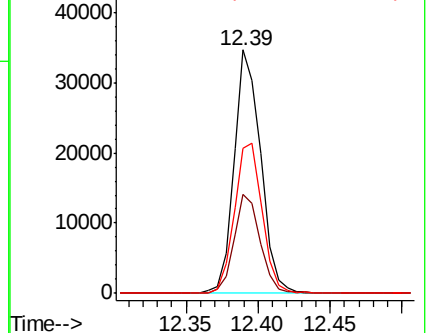
148 64.2 32.8 98.3



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: 4.741 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

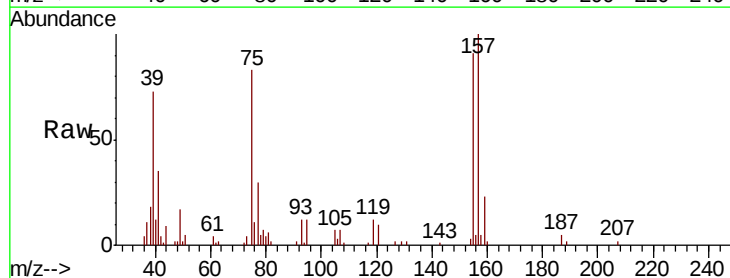
Tgt Ion: 75 Resp: 6787

Ion Ratio Lower Upper

75 100

155 99.5 48.0 144.2

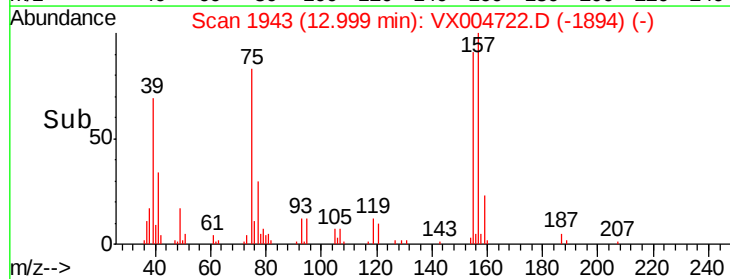
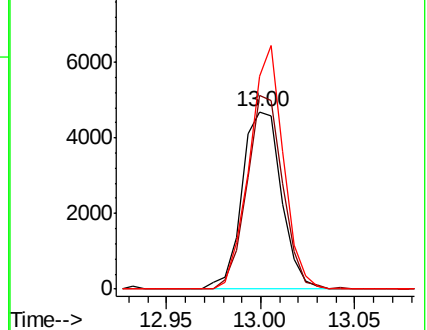
157 117.3 61.4 184.1

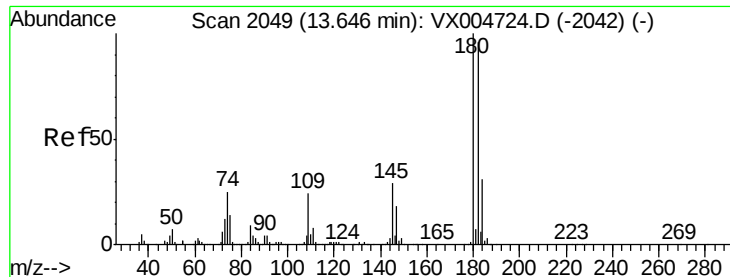


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

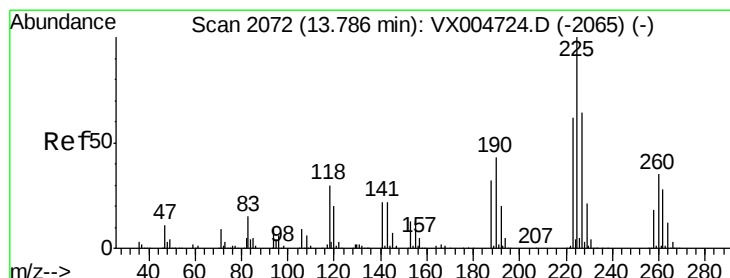
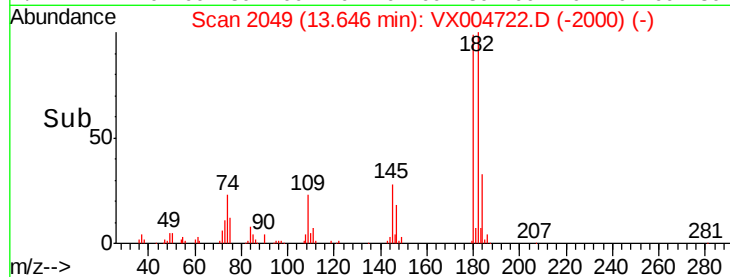
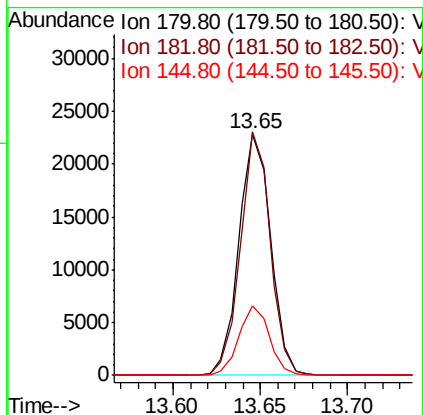
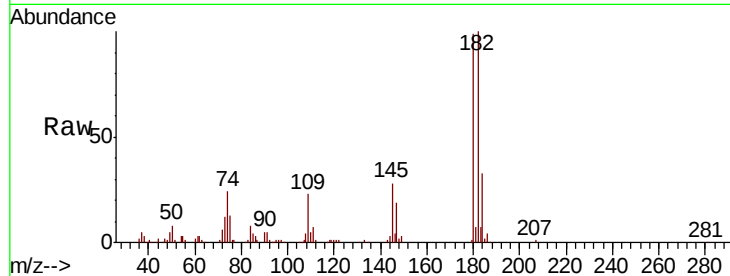




#93
 1,2,4-Trichlorobenzene
 Concen: 4.312 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

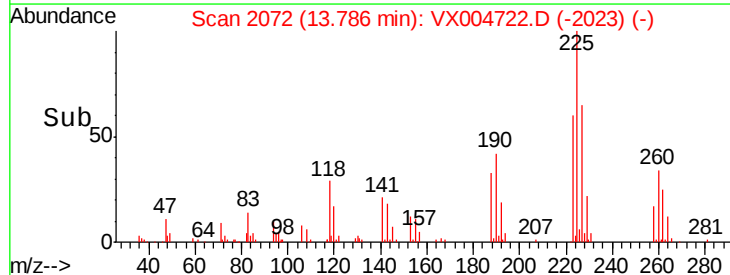
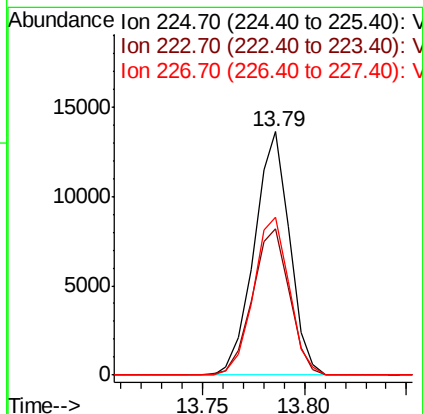
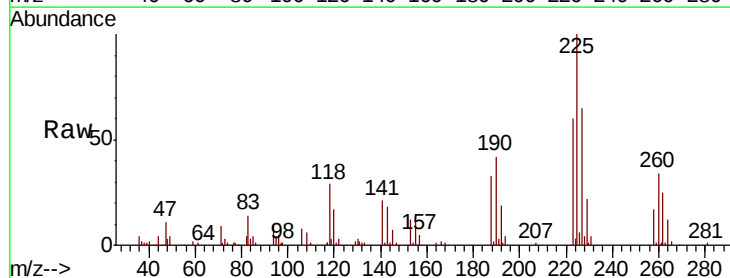
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

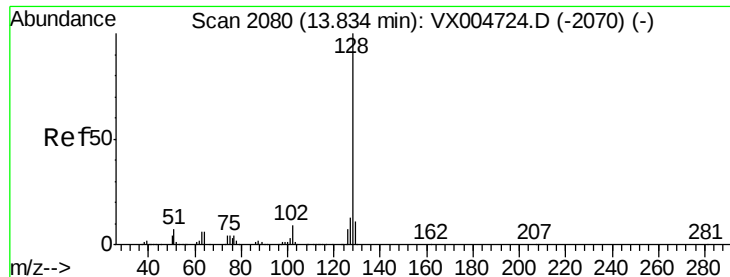
Tgt Ion:180 Resp: 28782
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.4 145.0
 145 28.1 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 5.142 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004722.D
 Acq: 26 Sep 2018 11:59

Tgt Ion:225 Resp: 16472
 Ion Ratio Lower Upper
 225 100
 223 62.8 30.1 90.5
 227 65.4 30.8 92.4





#95

Naphthalene

Concen: 3.782 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

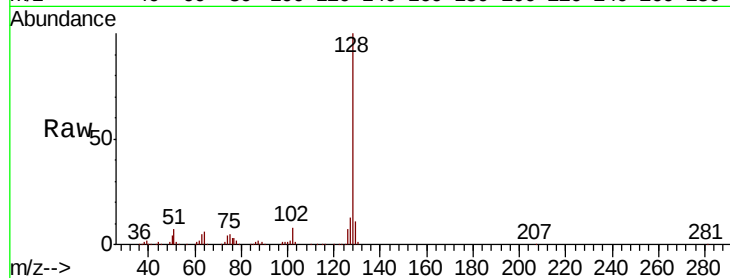
Tgt Ion:128 Resp: 80975

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

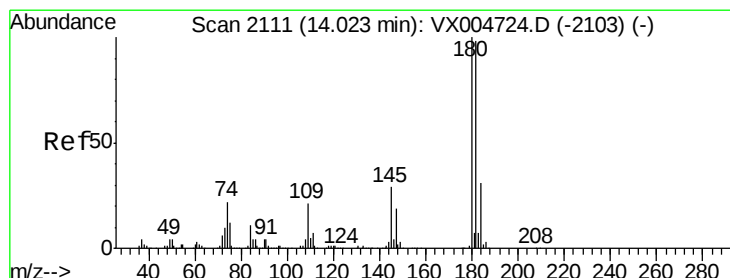
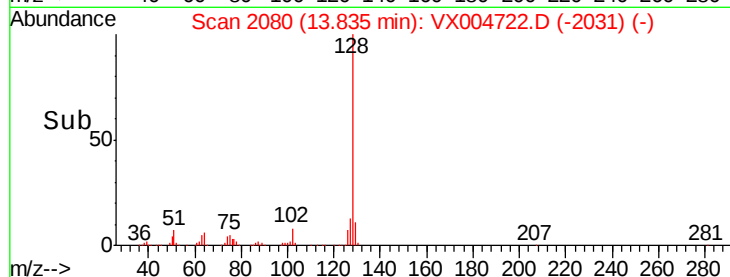
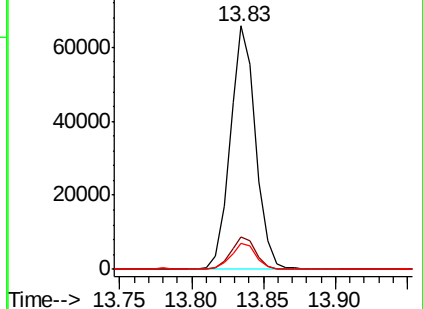
129 10.8 8.6 12.8



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: 4.566 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX004722.D

Acq: 26 Sep 2018 11:59

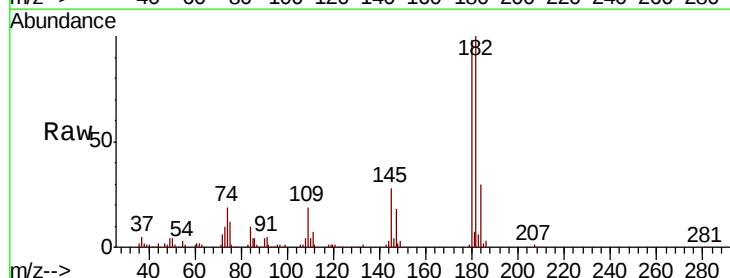
Tgt Ion:180 Resp: 31403

Ion Ratio Lower Upper

180 100

182 96.1 48.5 145.6

145 29.9 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

