

Data File : VX005823.D
Acq On : 07 Nov 2018 12:32
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Nov 19 07:56:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	124327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	182951	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	175764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	89068	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	7686	5.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.76%	
35) Dibromofluoromethane	5.49	113	6015	4.83	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	9.66%	
50) Toluene-d8	8.71	98	21265	5.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.28%	
62) 4-Bromofluorobenzene	11.14	95	6823	4.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.18%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	5303	4.731 ug/l	88
3) Chloromethane	1.32	50	8216	5.585 ug/l	98
4) Vinyl Chloride	1.41	62	7363	4.986 ug/l	100
5) Bromomethane	1.64	94	4815	5.328 ug/l	100
6) Chloroethane	1.71	64	4698	5.331 ug/l	98
7) Trichlorofluoromethane	1.93	101	10393	5.302 ug/l	96
8) Diethyl Ether	2.19	74	4192	5.457 ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	6360	5.641 ug/l	97
10) Methyl Iodide	2.51	142	5563	4.071 ug/l	98
11) Tert butyl alcohol	3.07	59	11493	28.070 ug/l	97
12) 1,1-Dichloroethene	2.37	96	6144	5.591 ug/l	95
13) Acrolein	2.29	56	2449	30.746 ug/l	89
14) Allyl chloride	2.73	41	12999	5.296 ug/l	99
15) Acrylonitrile	3.15	53	22156	26.111 ug/l	97
16) Acetone	2.44	43	19070	24.780 ug/l	94
17) Carbon Disulfide	2.57	76	16967	5.176 ug/l	99
18) Methyl Acetate	2.78	43	12546	4.741 ug/l	98
19) Methyl tert-butyl Ether	3.20	73	19564	5.216 ug/l	93
20) Methylene Chloride	2.85	84	7196	5.692 ug/l	84
21) trans-1,2-Dichloroethene	3.17	96	5924	5.111 ug/l	93
22) Diisopropyl ether	3.87	45	21576	5.018 ug/l	# 95
23) Vinyl Acetate	3.82	43	91684	24.871 ug/l	97
24) 1,1-Dichloroethane	3.70	63	12489	5.445 ug/l	98
25) 2-Butanone	4.70	43	30422	25.144 ug/l	95
26) 2,2-Dichloropropane	4.59	77	8721	5.183 ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	6677	5.217 ug/l	91
28) Bromochloromethane	5.01	49	5417	5.284 ug/l	97
29) Tetrahydrofuran	5.16	42	19161	24.665 ug/l	100
30) Chloroform	5.21	83	11935	5.393 ug/l	96
31) Cyclohexane	5.57	56	9850	4.947 ug/l	# 86
32) 1,1,1-Trichloroethane	5.49	97	9935	5.382 ug/l	97
36) 1,1-Dichloropropene	5.79	75	8460	4.797 ug/l	97
37) Ethyl Acetate	4.85	43	10799	4.656 ug/l	98
38) Carbon Tetrachloride	5.78	117	8846	5.010 ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Nov 19 07:56:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	7855	4.394	ug/l	92
40) Benzene	6.14	78	25635	4.986	ug/l	96
41) Methacrylonitrile	5.06	41	5895	4.704	ug/l	97
42) 1,2-Dichloroethane	6.19	62	9246	5.021	ug/l	99
43) Isopropyl Acetate	6.46	43	15789	4.698	ug/l	100
44) Trichloroethene	7.22	130	6330	4.848	ug/l	85
45) 1,2-Dichloropropane	7.52	63	6140	4.920	ug/l	91
46) Dibromomethane	7.66	93	3881	4.956	ug/l	99
47) Bromodichloromethane	7.89	83	7203	4.867	ug/l #	88
48) Methyl methacrylate	7.77	41	6941	4.600	ug/l	98
49) 1,4-Dioxane	7.75	88	2863	88.046	ug/l #	89
51) 4-Methyl-2-Pentanone	8.65	43	50037	23.624	ug/l	98
52) Toluene	8.78	92	14776	5.142	ug/l	94
53) t-1,3-Dichloropropene	9.04	75	8143	4.663	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	8523	4.788	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	6475	5.056	ug/l	92
56) Ethyl methacrylate	9.18	69	8594	4.485	ug/l	98
57) 1,3-Dichloropropane	9.37	76	10779	5.008	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	20568	27.324	ug/l	99
59) 2-Hexanone	9.49	43	44873	24.035	ug/l	89
60) Dibromochloromethane	9.58	129	6282	4.539	ug/l	99
61) 1,2-Dibromoethane	9.67	107	7123	5.030	ug/l	98
64) Tetrachloroethene	9.34	164	7479	4.998	ug/l	91
65) Chlorobenzene	10.13	112	17691	5.024	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	6303	5.149	ug/l	95
67) Ethyl Benzene	10.25	91	25794	4.568	ug/l	97
68) m/p-Xylenes	10.35	106	20486	9.512	ug/l	98
69) o-Xylene	10.70	106	9277	4.804	ug/l	90
70) Styrene	10.71	104	13345	4.189	ug/l	96
71) Bromoform	10.85	173	4753	4.632	ug/l #	94
73) Isopropylbenzene	11.02	105	24371	4.732	ug/l	100
74) N-amyl acetate	10.90	43	11499	5.130	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	9604	5.080	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	11457	6.317	ug/l	87
77) Bromobenzene	11.26	156	7478	5.151	ug/l	95
78) n-propylbenzene	11.36	91	30754	5.066	ug/l	95
79) 2-Chlorotoluene	11.42	91	18203	4.961	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	21155	4.833	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	2511	4.413	ug/l	90
82) 4-Chlorotoluene	11.51	91	21106	4.881	ug/l	100
83) tert-Butylbenzene	11.77	119	22790	5.147	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	23720	4.802	ug/l	97
85) sec-Butylbenzene	11.94	105	29607	5.468	ug/l	95
86) p-Isopropyltoluene	12.07	119	22867	4.767	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	15493	5.561	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	15447	5.416	ug/l	95
89) n-Butylbenzene	12.39	91	21072	4.740	ug/l	99
90) Hexachloroethane	12.60	117	3504	4.376	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	15176	5.437	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1946	4.218	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110718\
Quantitation Report (Not Reviewed)

Data File : VX005823.D
Acq On : 07 Nov 2018 12:32
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Nov 19 07:56:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	8094	4.119	ug/l	97
94) Hexachlorobutadiene	13.79	225	4472	4.333	ug/l	99
95) Naphthalene	13.83	128	21787	4.497	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	8365	4.179	ug/l	99

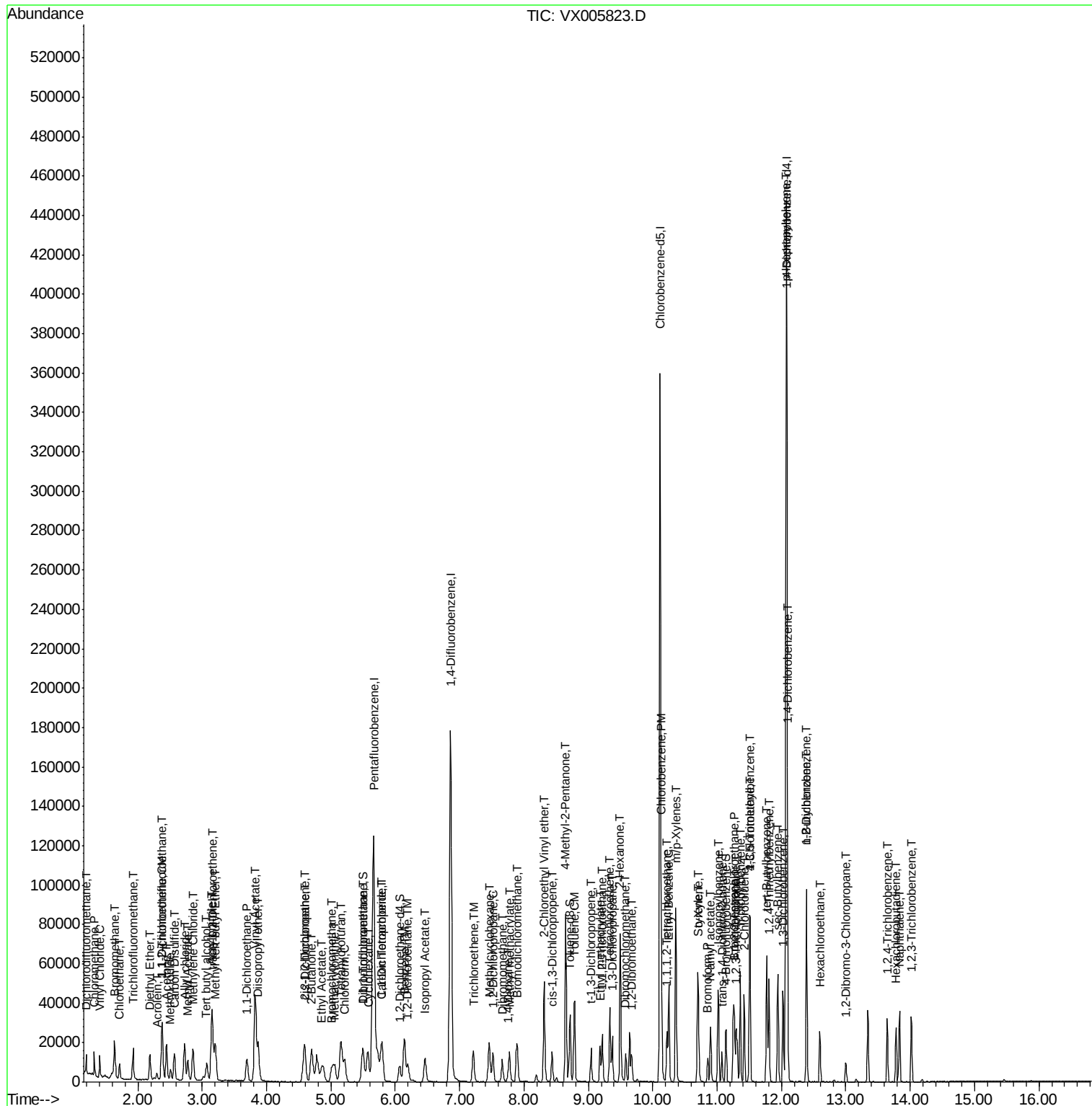
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX005823.D

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Acq On       : 07 Nov 2018   12:32
Operator    : JC/MD
Sample      : VSTDIC005
Misc        : 5.0mL/MSV0A_X/WATER
ALS Vial     : 3      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Nov 19 07:56:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

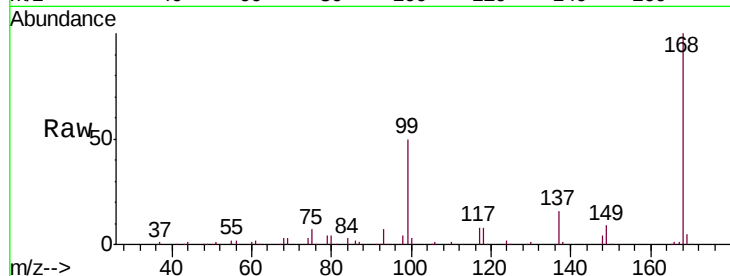
VSTDIC005

Tgt Ion:168 Resp: 124327

Ion Ratio Lower Upper

168 100

99 50.5 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

50000

40000

30000

20000

10000

0

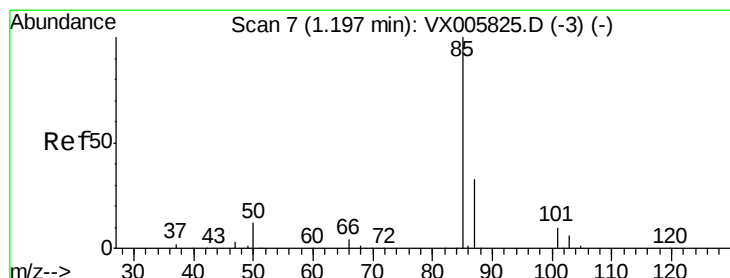
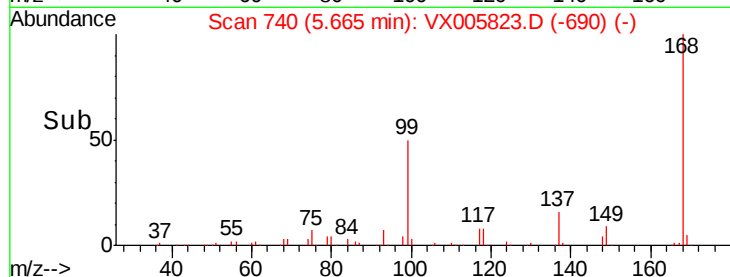
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 4.731 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005823.D

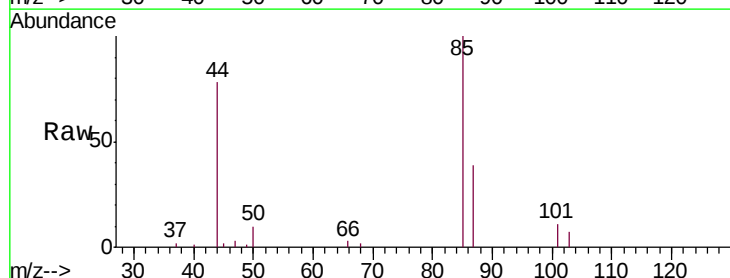
Acq: 07 Nov 2018 12:32

Tgt Ion: 85 Resp: 5303

Ion Ratio Lower Upper

85 100

87 39.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

6000

5000

4000

3000

2000

1000

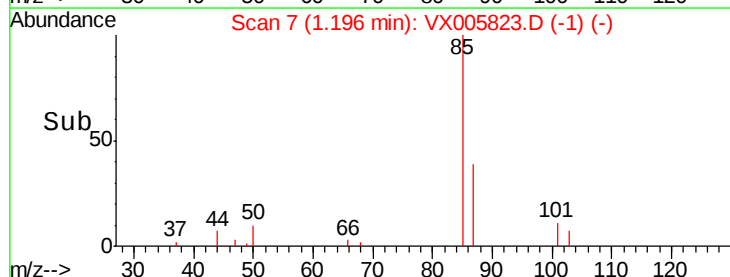
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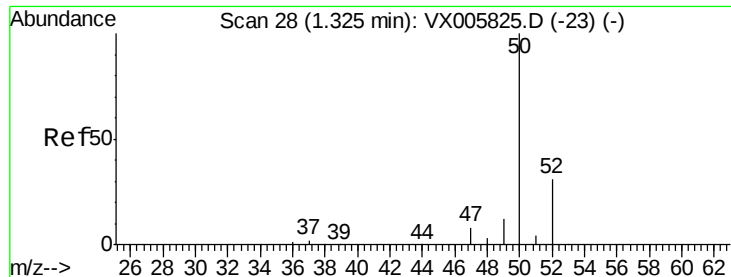
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 5.585 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

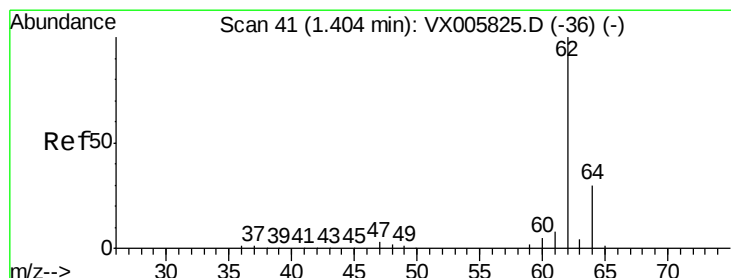
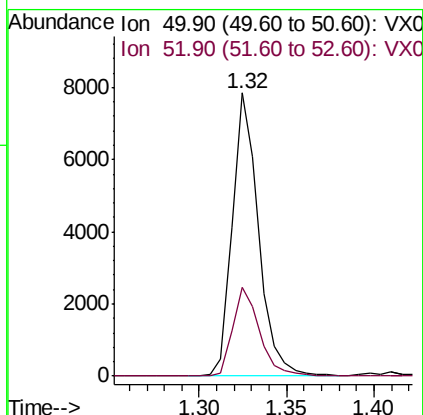
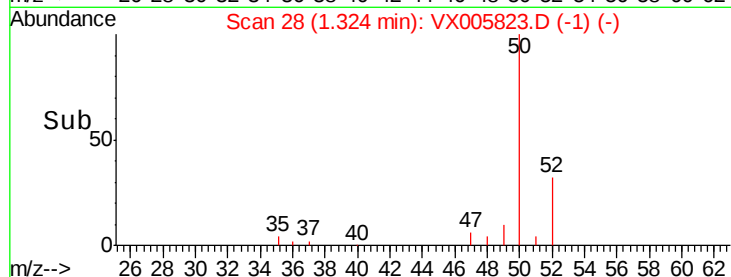
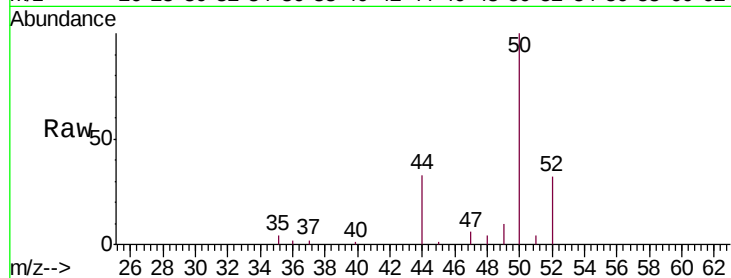
VSTDIC005

Tgt Ion: 50 Resp: 8216

Ion Ratio Lower Upper

50 100

52 31.5 26.2 39.2



#4

Vinyl Chloride

Concen: 4.986 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005823.D

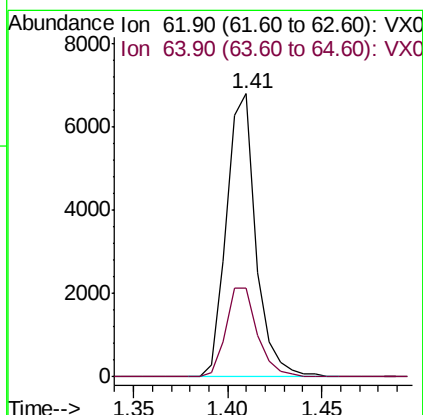
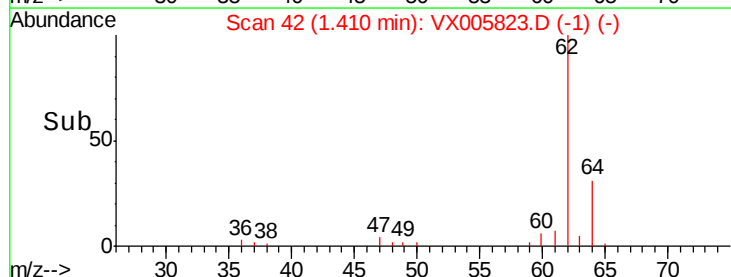
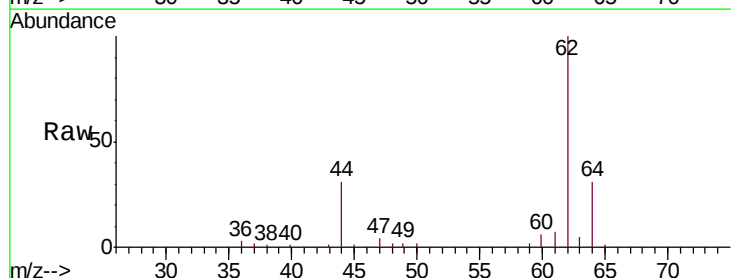
Acq: 07 Nov 2018 12:32

Tgt Ion: 62 Resp: 7363

Ion Ratio Lower Upper

62 100

64 31.5 25.3 37.9





#5

Bromomethane

Concen: 5.328 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

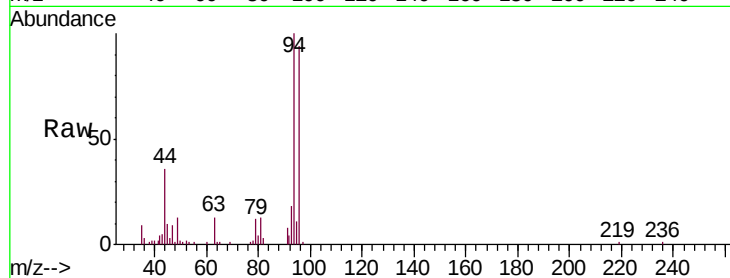
VSTDIC005

Tgt Ion: 94 Resp: 4815

Ion Ratio Lower Upper

94 100

96 93.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

6000

5000

4000

3000

2000

1000

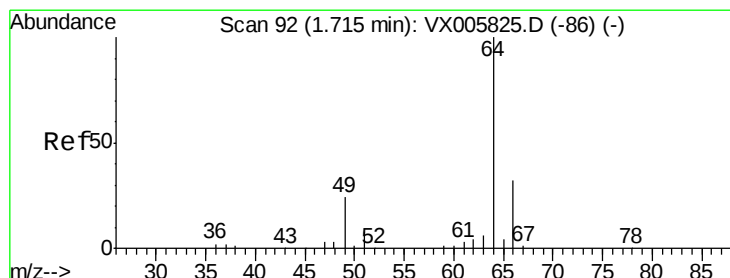
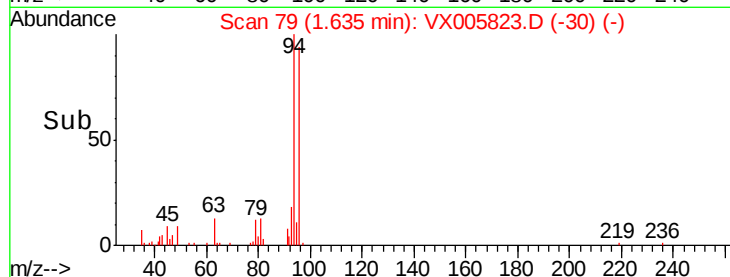
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Time-->

1.60

1.65

1.70



#6

Chloroethane

Concen: 5.331 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005823.D

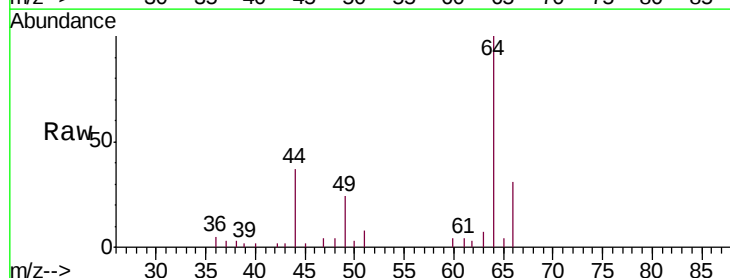
Acq: 07 Nov 2018 12:32

Tgt Ion: 64 Resp: 4698

Ion Ratio Lower Upper

64 100

66 31.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

4000

3000

2000

1000

0

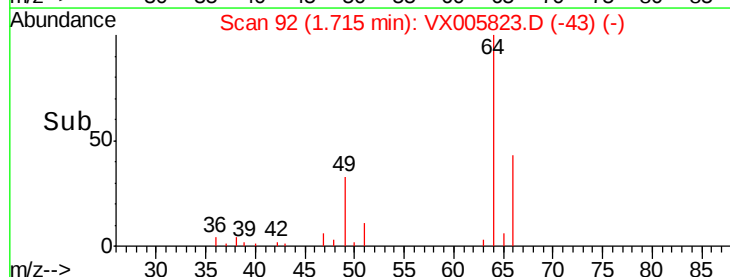
Time-->

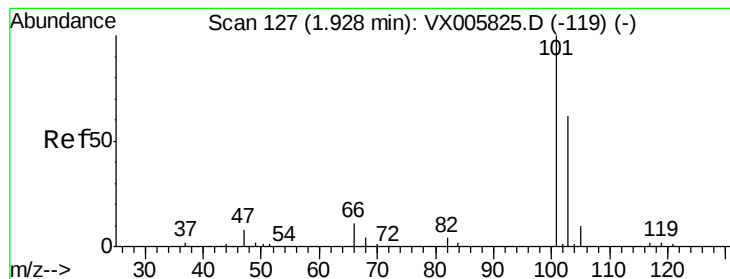
1.65

1.70

1.75

1.80





#7

Trichlorofluoromethane

Concen: 5.302 ug/l

RT: 1.93 min Scan# 127

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

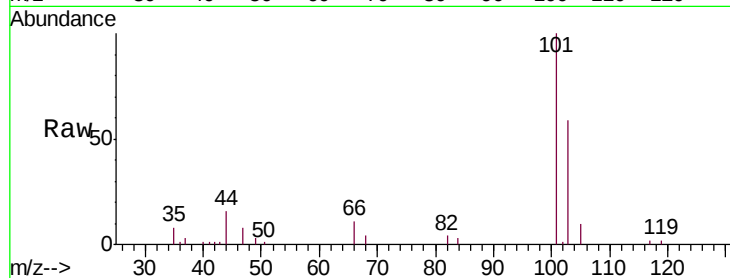
VSTDIC005

Tgt Ion: 101 Resp: 10393

Ion Ratio Lower Upper

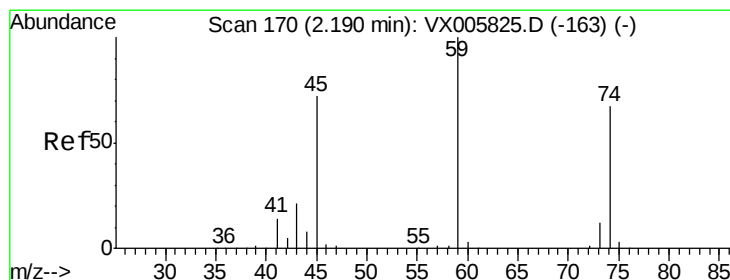
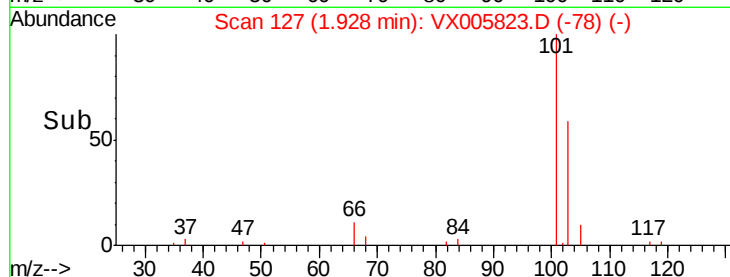
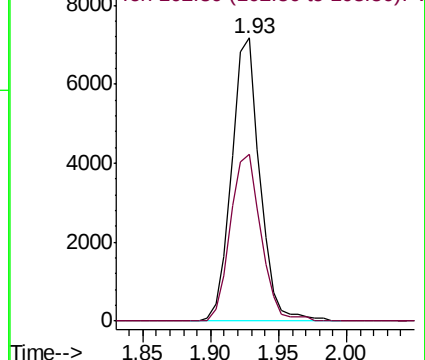
101 100

103 59.1 50.0 75.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.457 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX005823.D

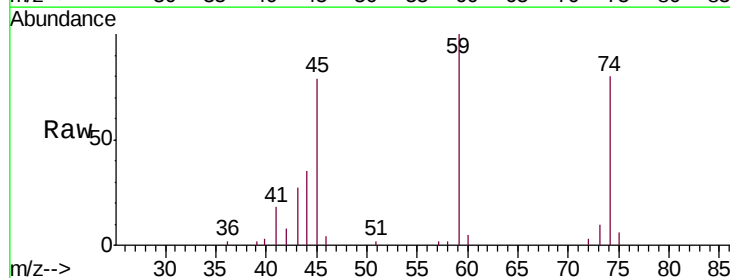
Acq: 07 Nov 2018 12:32

Tgt Ion: 74 Resp: 4192

Ion Ratio Lower Upper

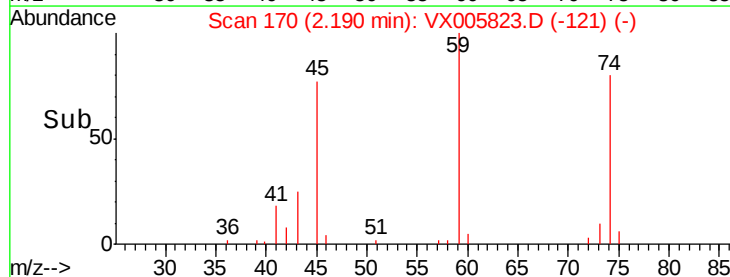
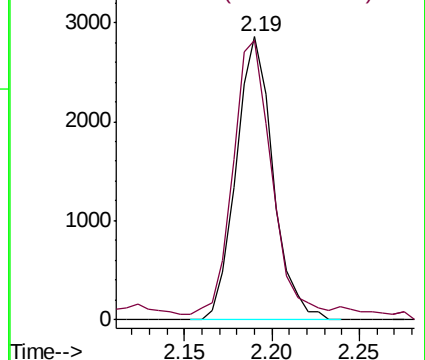
74 100

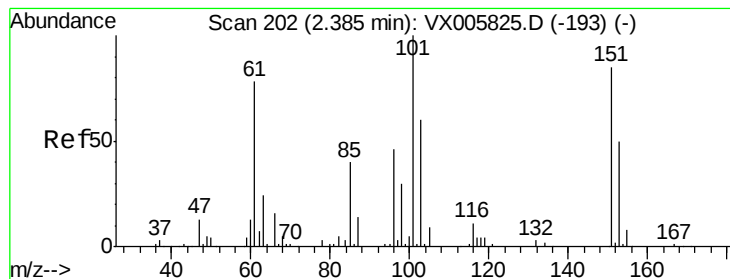
45 100.6 54.1 162.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.641 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

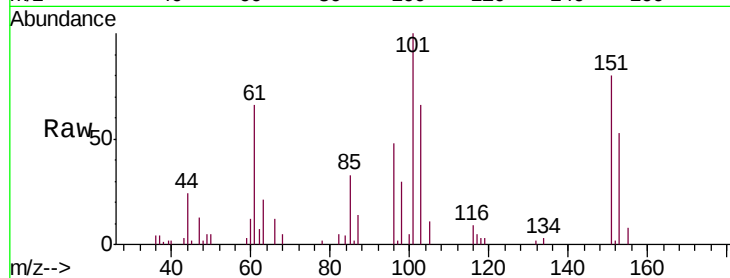
Tgt Ion:101 Resp: 6360

Ion Ratio Lower Upper

101 100

85 39.3 35.0 52.4

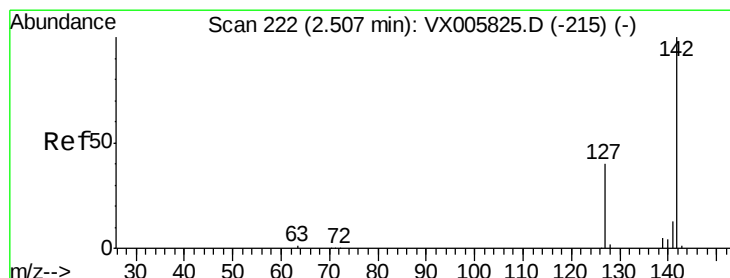
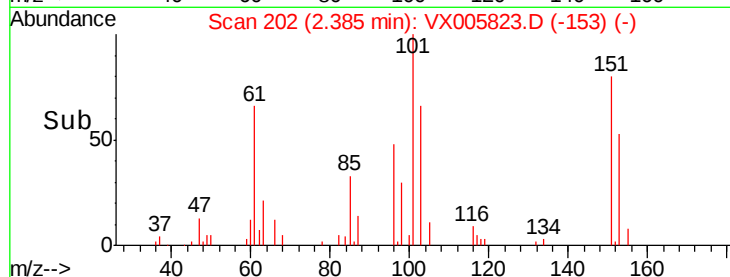
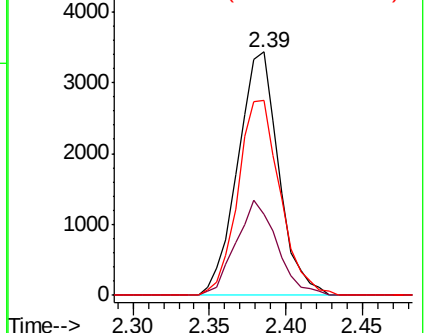
151 82.9 66.2 99.2



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: 4.071 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

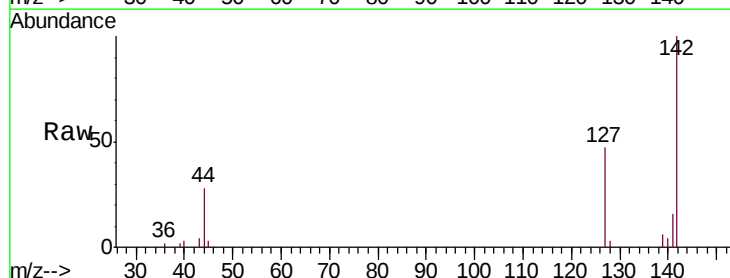
Tgt Ion:142 Resp: 5563

Ion Ratio Lower Upper

142 100

127 43.4 36.0 54.0

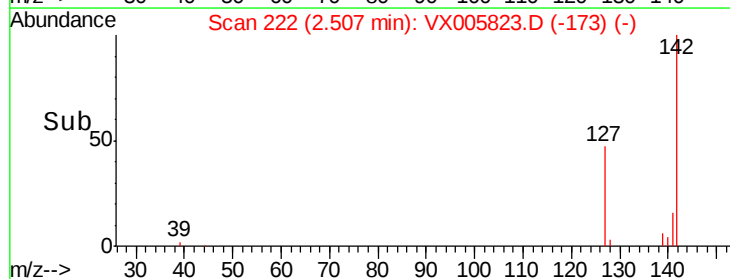
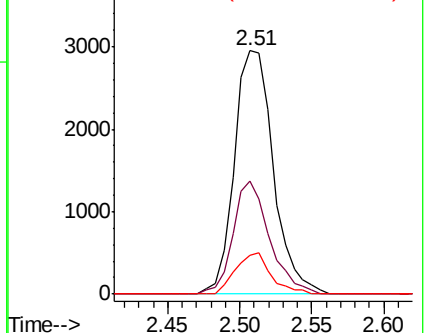
141 15.5 11.7 17.5

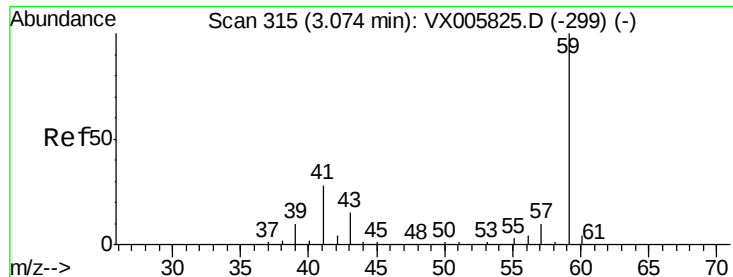


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



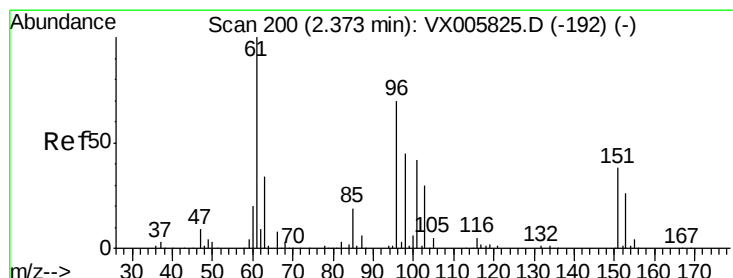
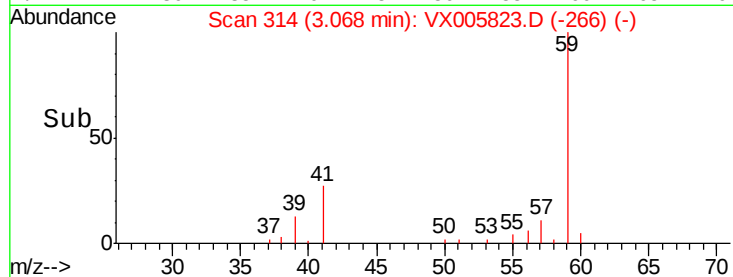
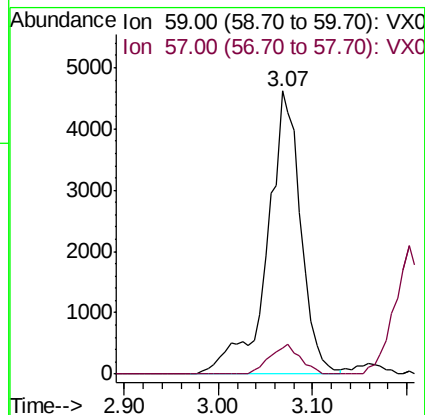
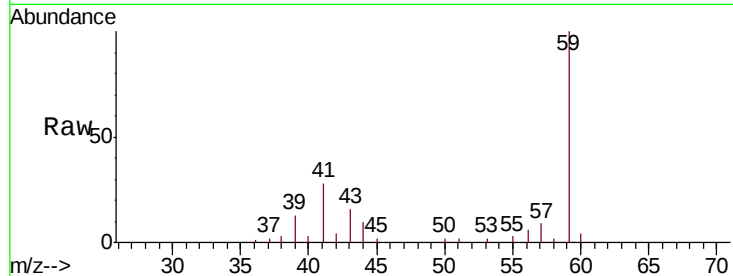


#11

Tert butyl alcohol
 Concen: 28.070 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

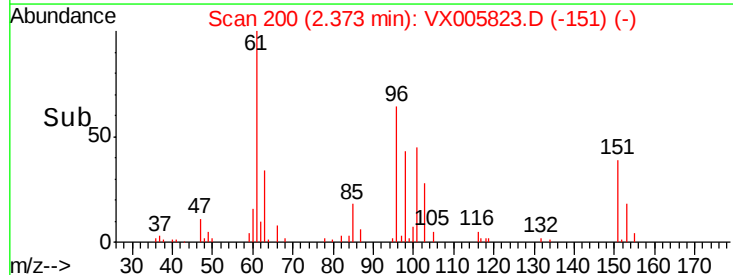
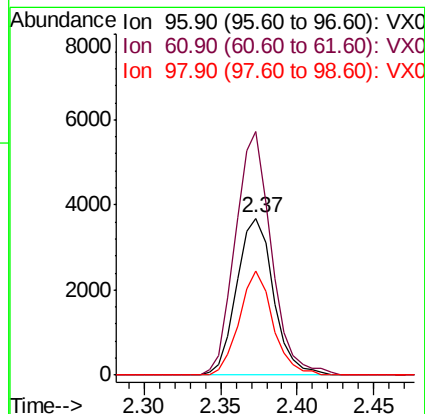
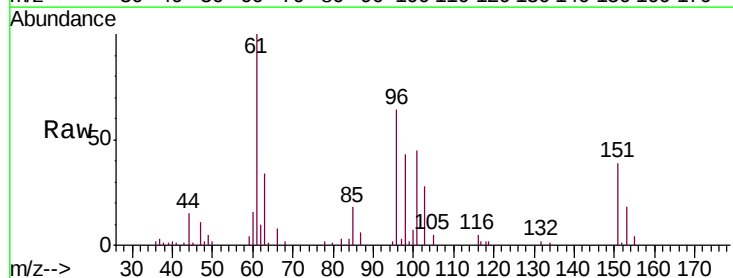
Tgt Ion: 59 Resp: 11493
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.5 12.7

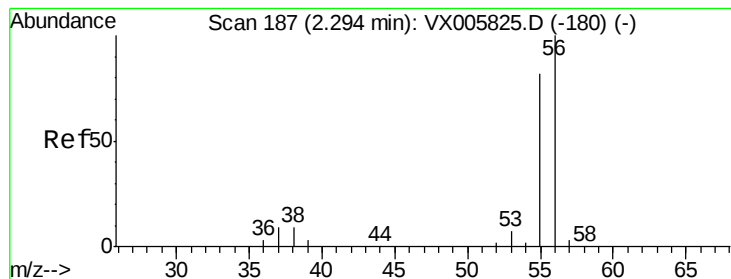


#12

1,1-Dichloroethene
 Concen: 5.591 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

Tgt Ion: 96 Resp: 6144
 Ion Ratio Lower Upper
 96 100
 61 155.5 131.8 197.8
 98 66.3 53.4 80.2





#13

Acrolein

Concen: 30.746 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

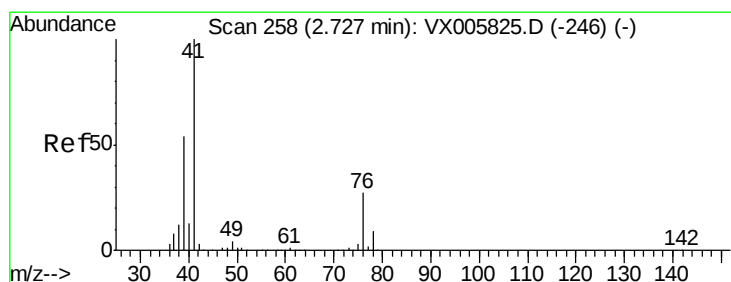
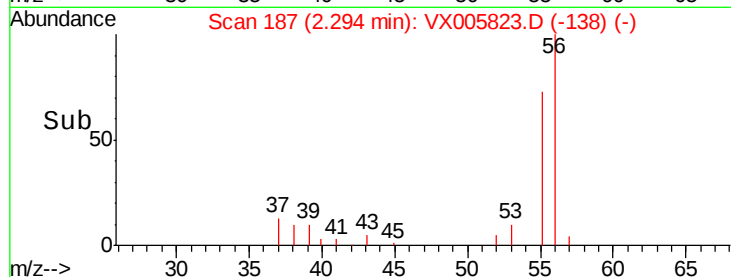
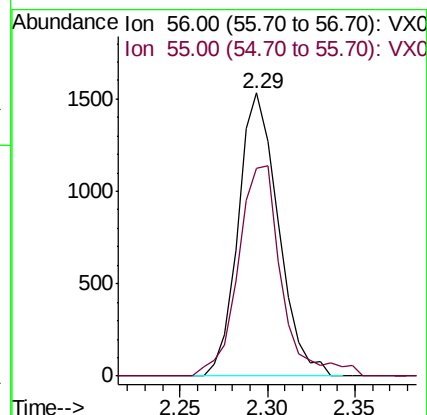
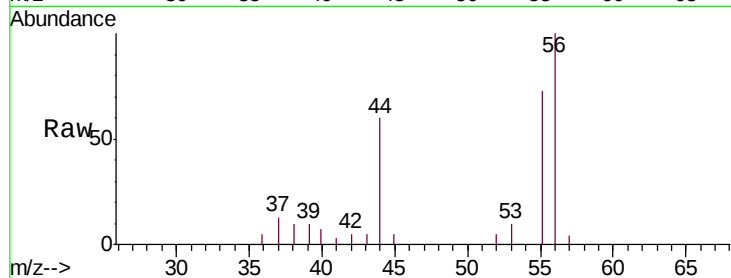
VSTDIC005

Tgt Ion: 56 Resp: 2449

Ion Ratio Lower Upper

56 100

55 80.4 57.3 85.9



#14

Allyl chloride

Concen: 5.296 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

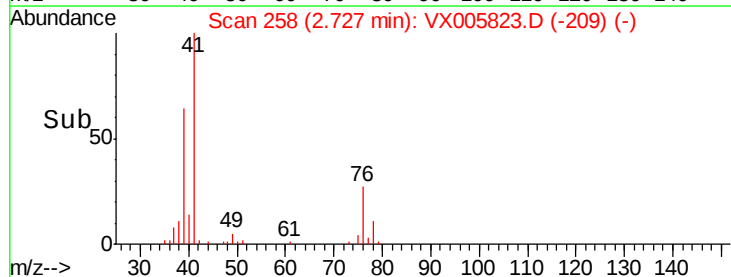
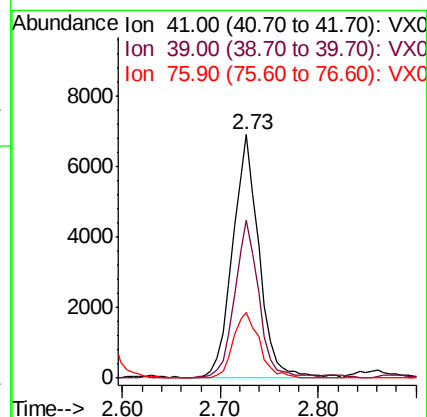
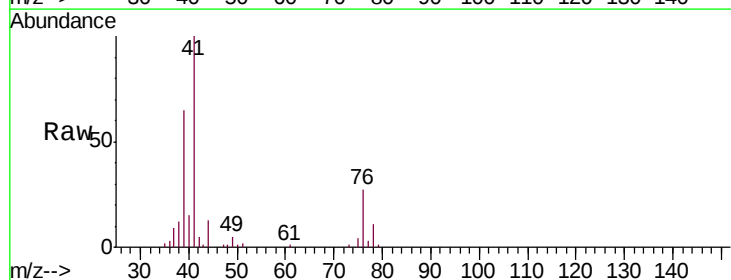
Tgt Ion: 41 Resp: 12999

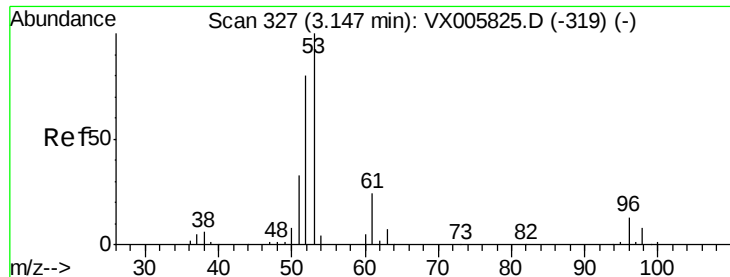
Ion Ratio Lower Upper

41 100

39 59.7 48.2 72.4

76 26.5 21.9 32.9





#15

Acrylonitrile

Concen: 26.111 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

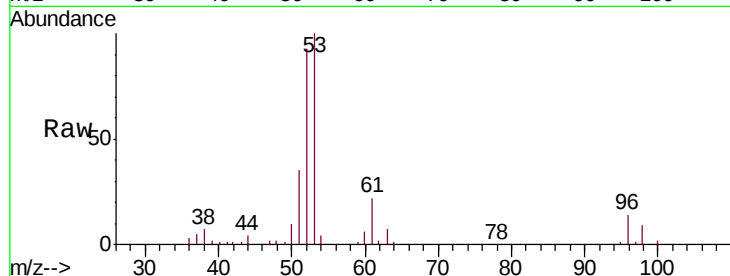
Tgt Ion: 53 Resp: 22156

Ion Ratio Lower Upper

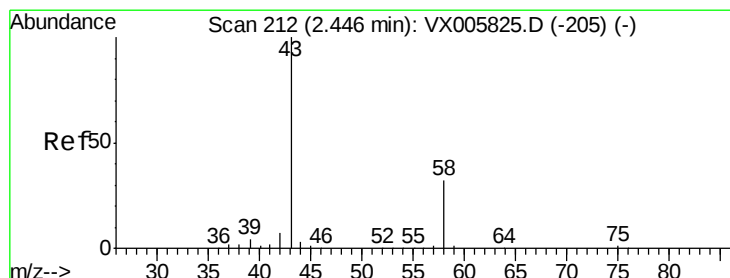
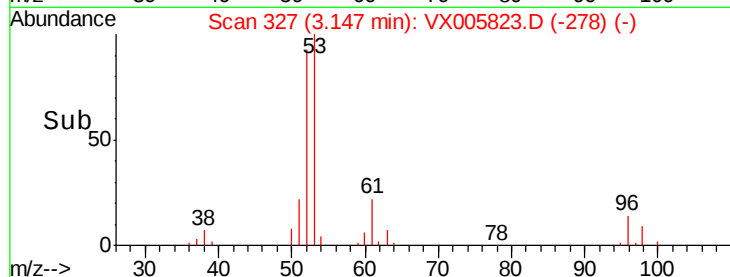
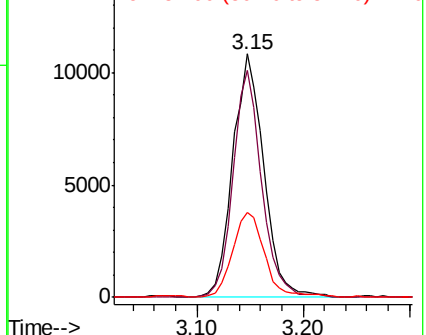
53 100

52 86.1 66.6 99.8

51 36.1 28.4 42.6



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



#16

Acetone

Concen: 24.780 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005823.D

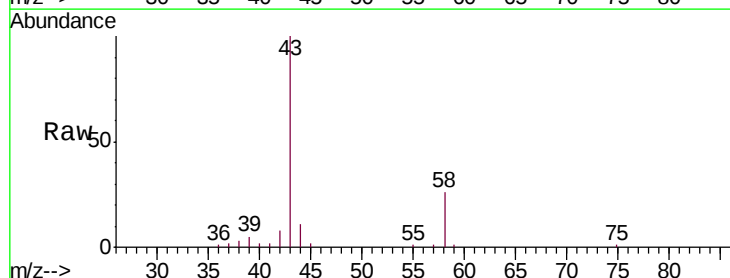
Acq: 07 Nov 2018 12:32

Tgt Ion: 43 Resp: 19070

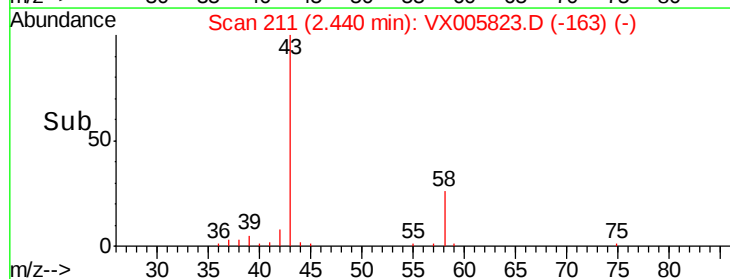
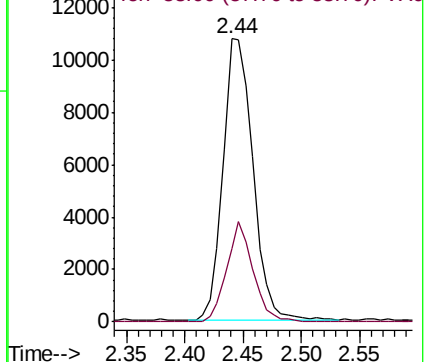
Ion Ratio Lower Upper

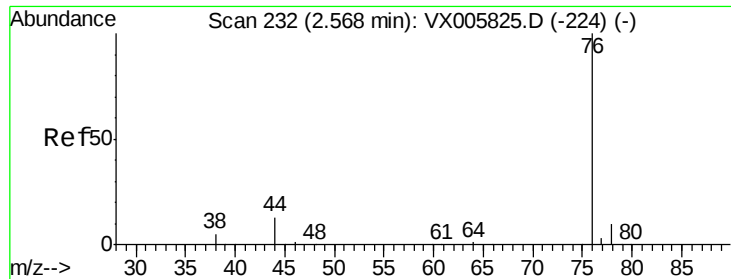
43 100

58 26.3 23.8 35.6



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





#17

Carbon Disulfide

Concen: 5.176 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

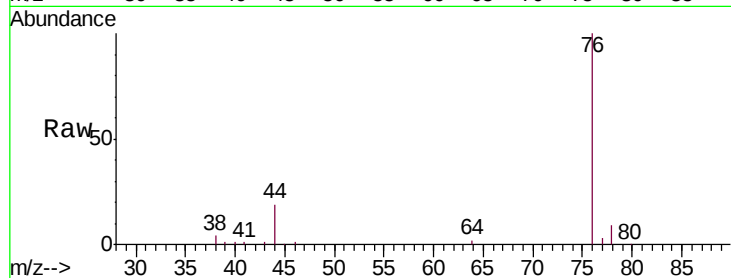
VSTDIC005

Tgt Ion: 76 Resp: 16967

Ion Ratio Lower Upper

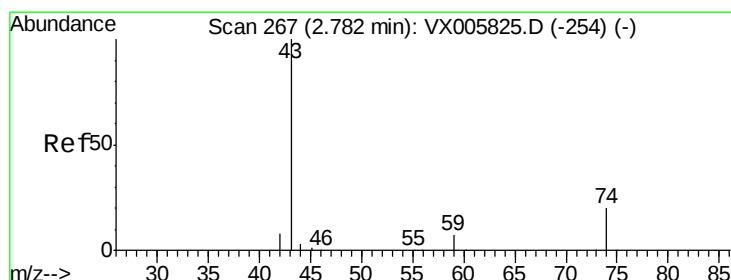
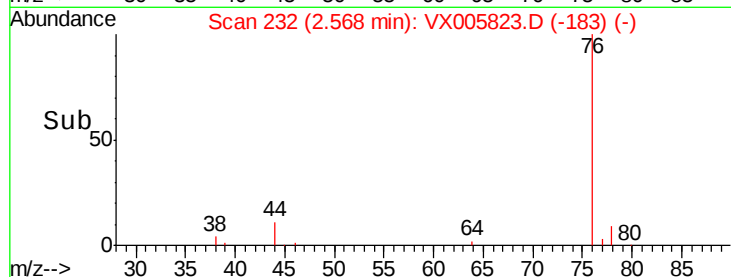
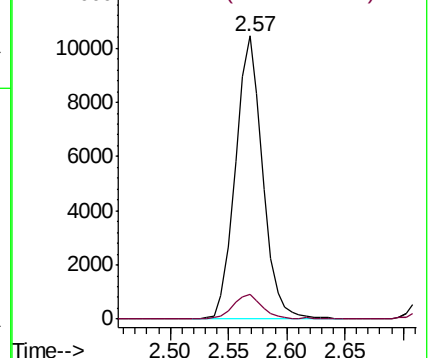
76 100

78 8.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 4.741 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005823.D

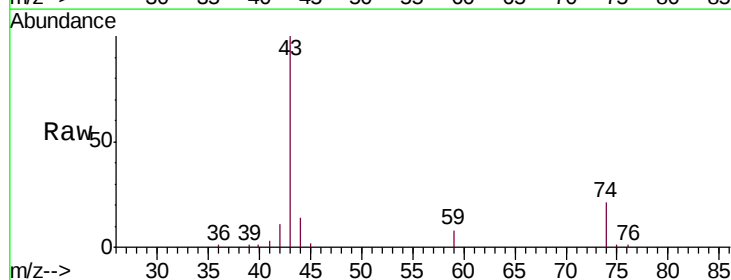
Acq: 07 Nov 2018 12:32

Tgt Ion: 43 Resp: 12546

Ion Ratio Lower Upper

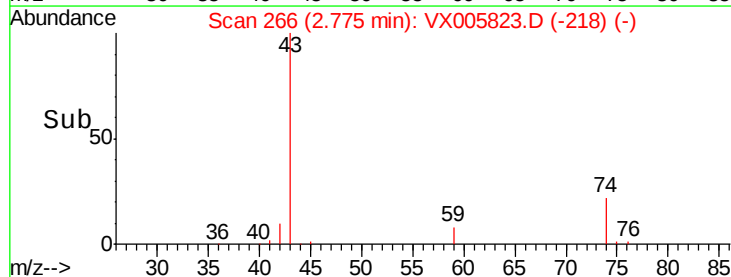
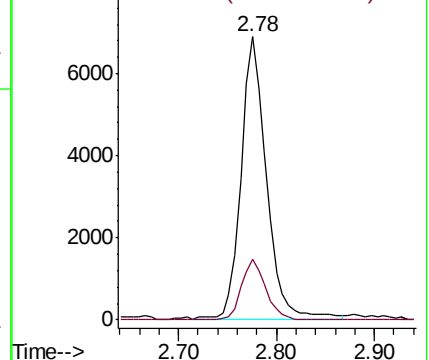
43 100

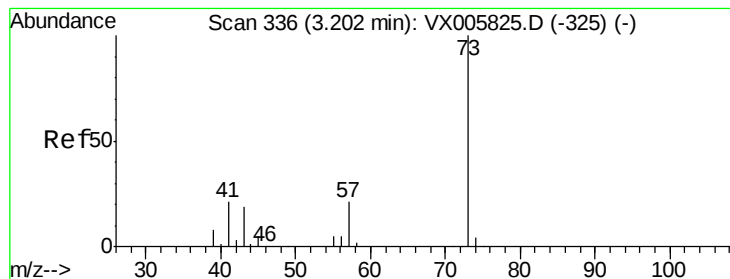
74 20.2 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



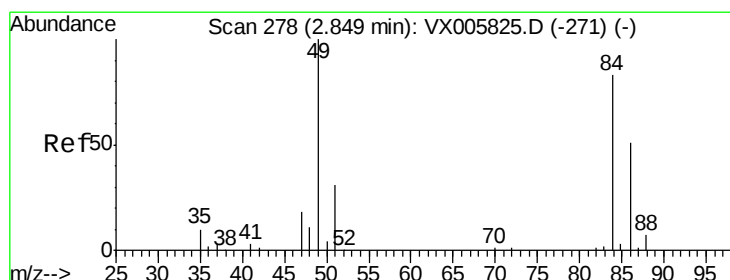
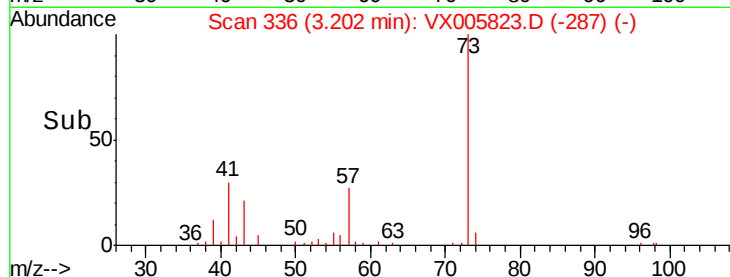
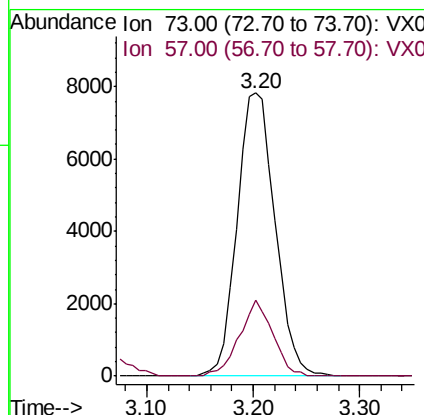
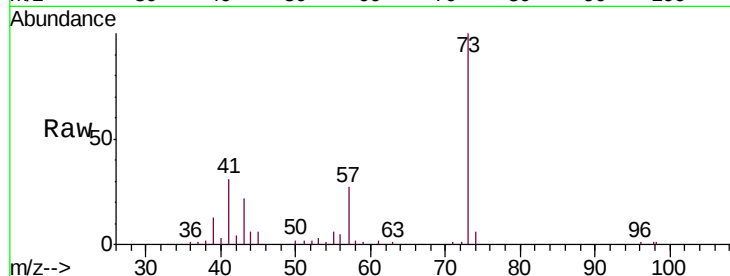


#19

Methyl tert-butyl Ether
 Concen: 5.216 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

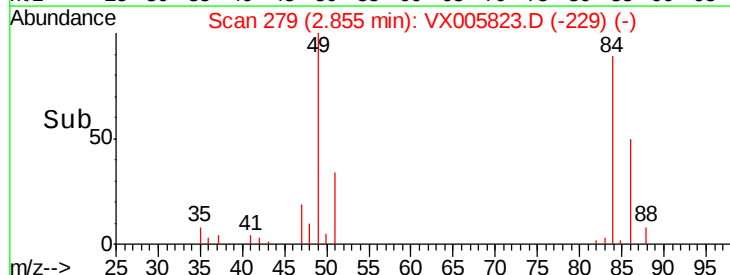
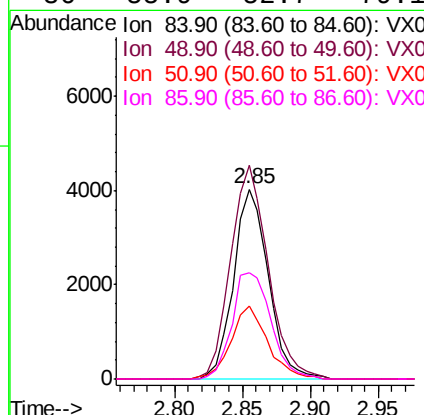
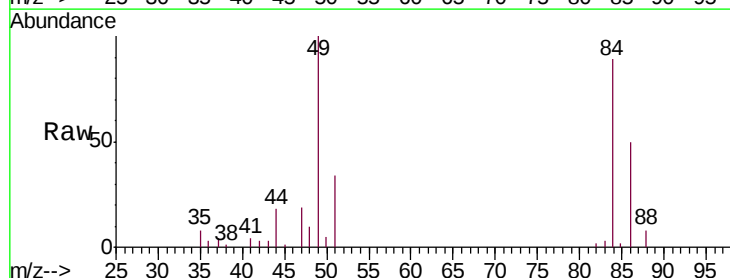
Tgt Ion: 73 Resp: 19564
 Ion Ratio Lower Upper
 73 100
 57 26.7 18.8 28.2

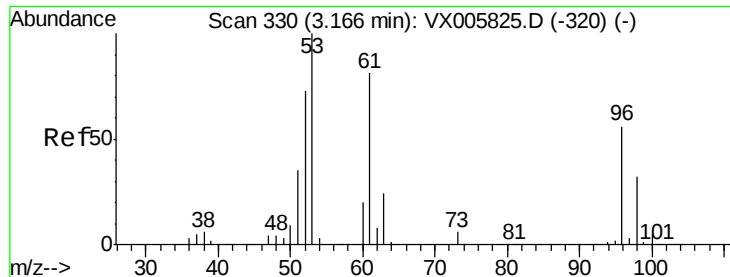


#20

Methylene Chloride
 Concen: 5.692 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.01 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

Tgt Ion: 84 Resp: 7196
 Ion Ratio Lower Upper
 84 100
 49 112.5 109.5 164.3
 51 38.7 33.3 49.9
 86 55.9 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 5.111 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

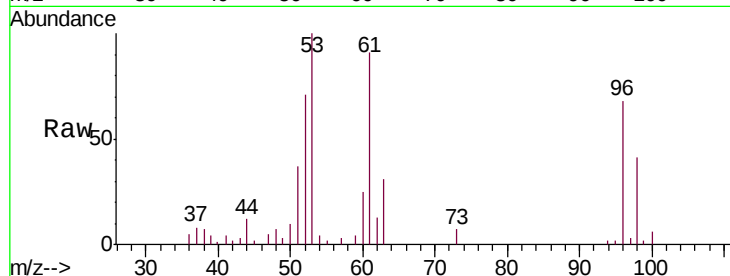
Tgt Ion: 96 Resp: 5924

Ion Ratio Lower Upper

96 100

61 134.5 115.6 173.4

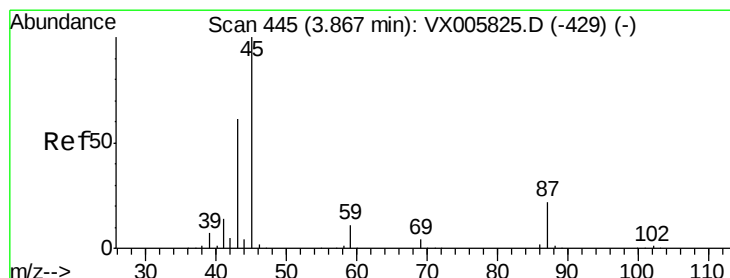
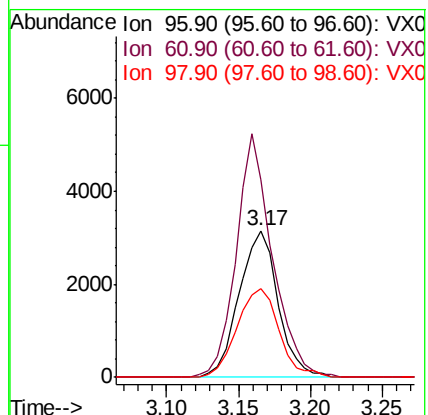
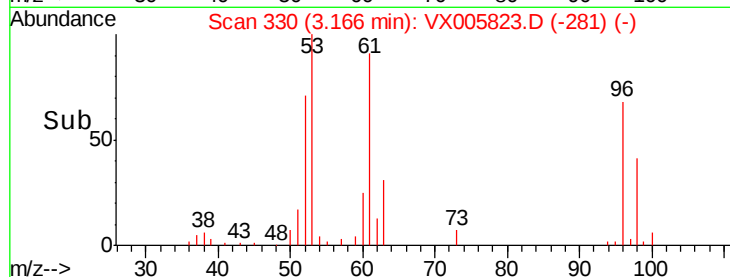
98 60.4 50.2 75.2



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



#22

Diisopropyl ether

Concen: 5.018 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Tgt Ion: 45 Resp: 21576

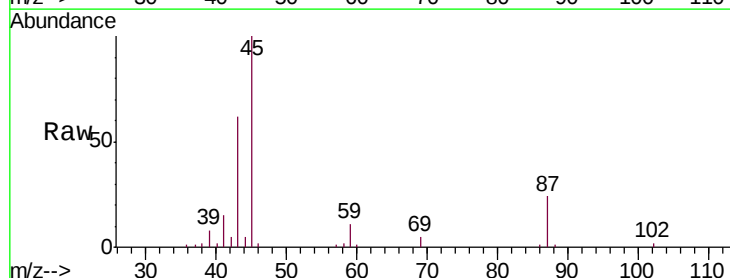
Ion Ratio Lower Upper

45 100

43 61.9 47.4 71.2

87 24.1 15.9 23.9#

59 11.1 7.7 11.5

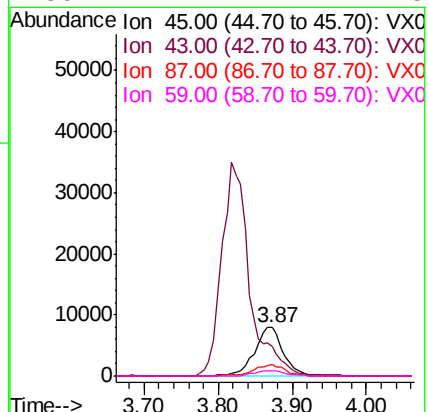
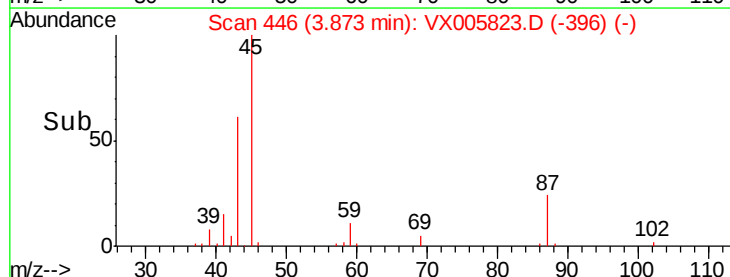


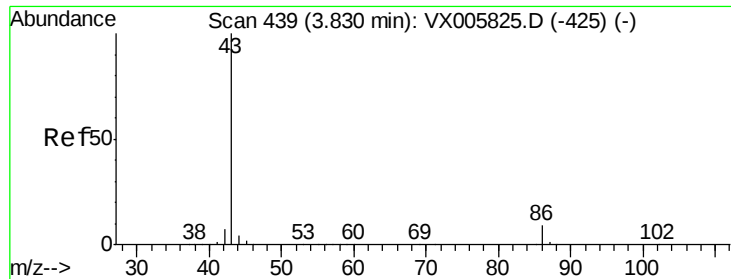
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 24.871 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

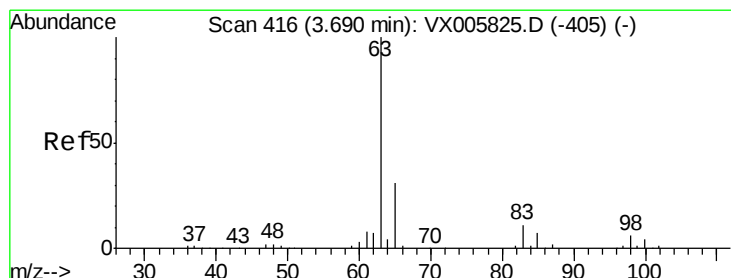
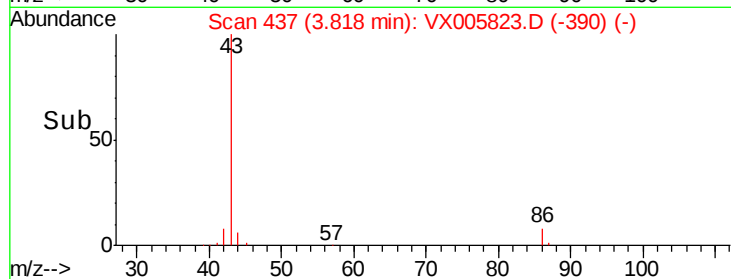
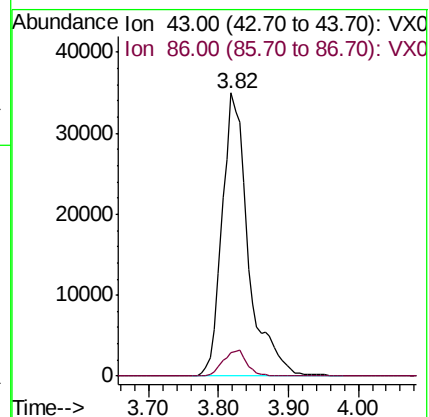
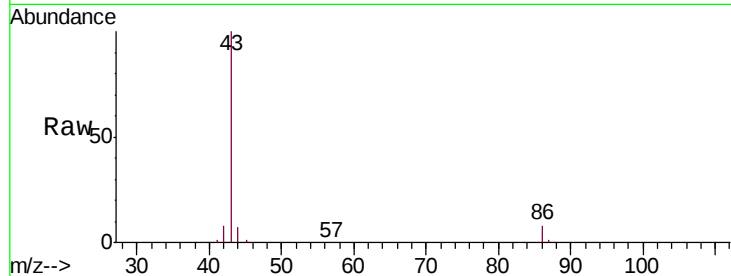
VSTDIC005

Tgt Ion: 43 Resp: 91684

Ion Ratio Lower Upper

43 100

86 8.3 7.4 11.2



#24

1,1-Dichloroethane

Concen: 5.445 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

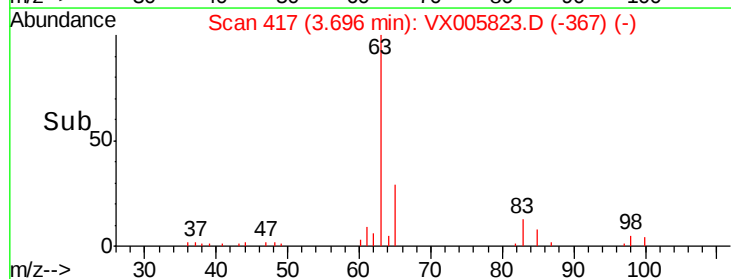
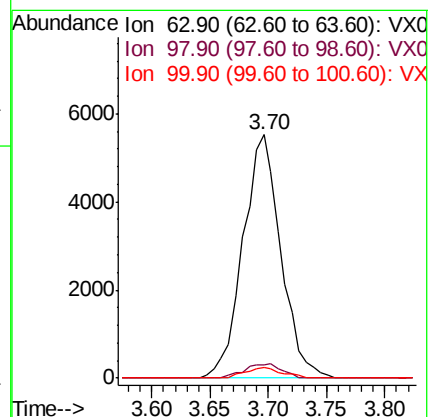
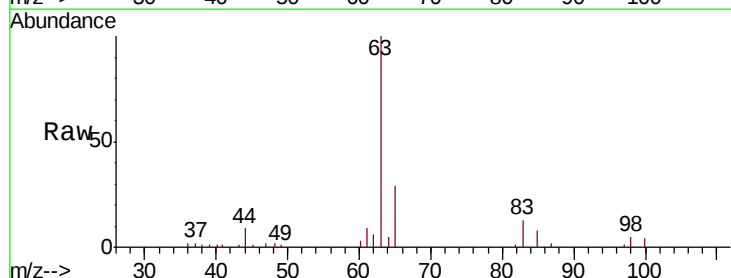
Tgt Ion: 63 Resp: 12489

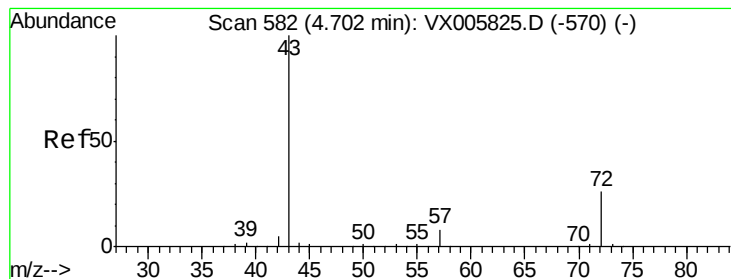
Ion Ratio Lower Upper

63 100

98 5.3 3.2 9.6

100 4.4 2.1 6.2





#25

2-Butanone

Concen: 25.144 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

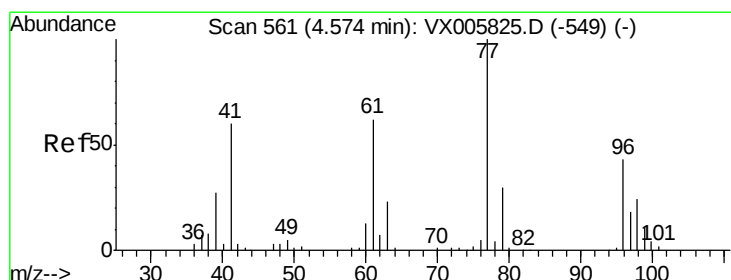
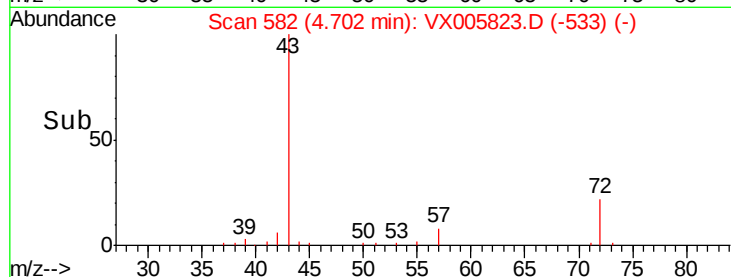
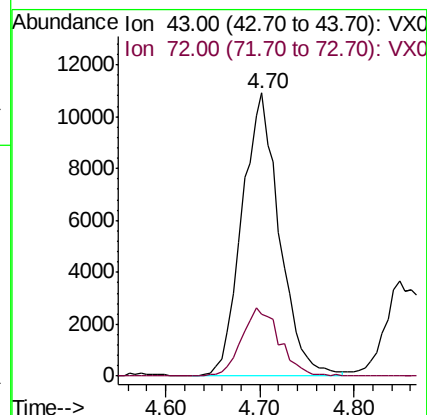
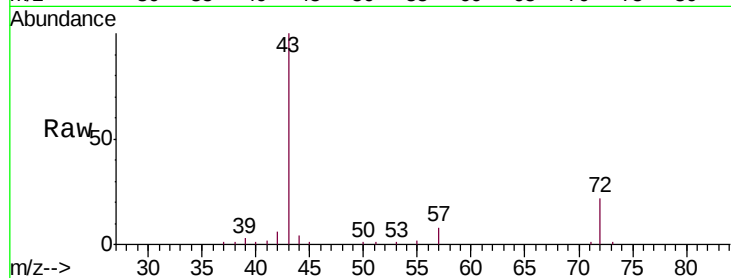
VSTDIC005

Tgt Ion: 43 Resp: 30422

Ion Ratio Lower Upper

43 100

72 21.7 19.2 28.8



#26

2,2-Dichloropropane

Concen: 5.183 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.02 min

Lab File: VX005823.D

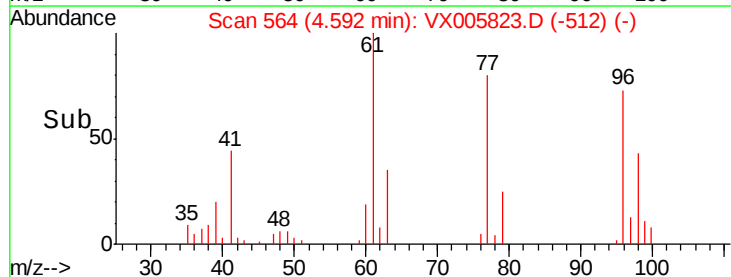
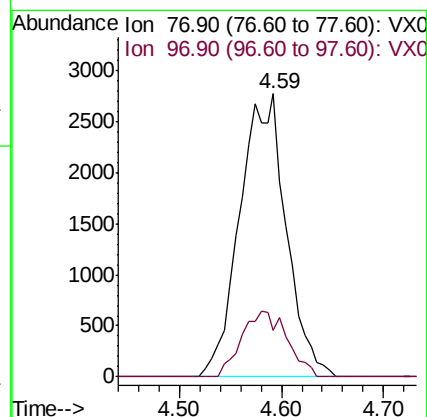
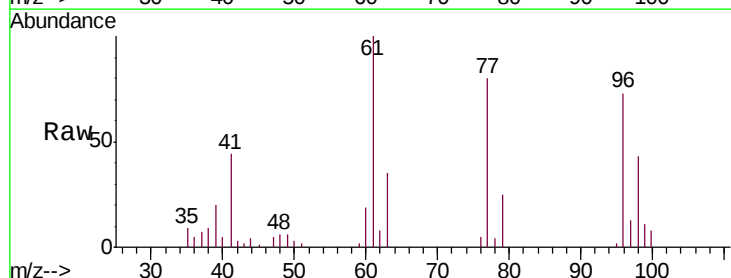
Acq: 07 Nov 2018 12:32

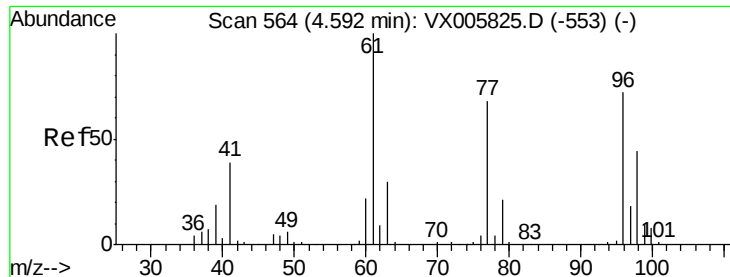
Tgt Ion: 77 Resp: 8721

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.5



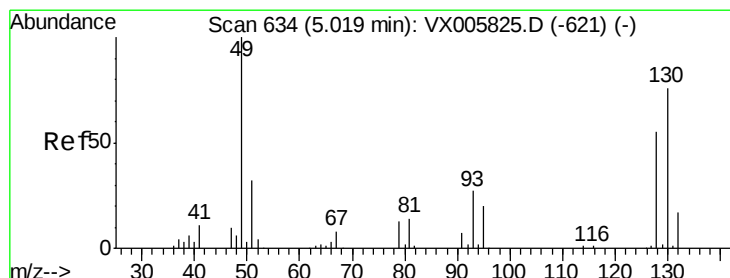
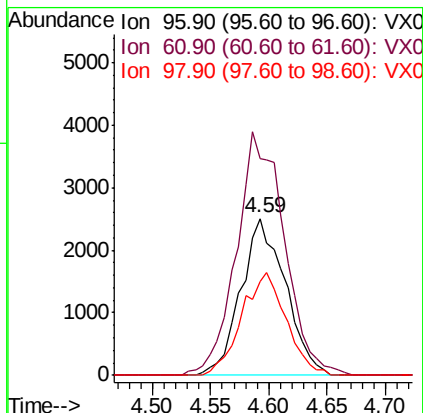
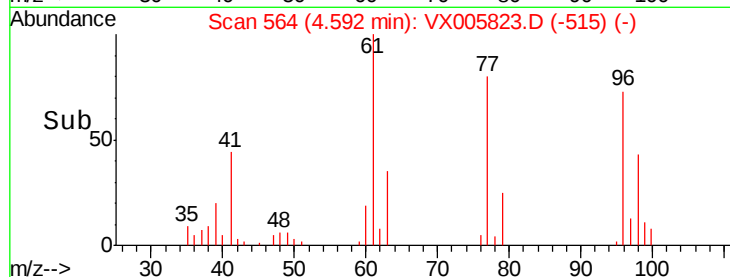
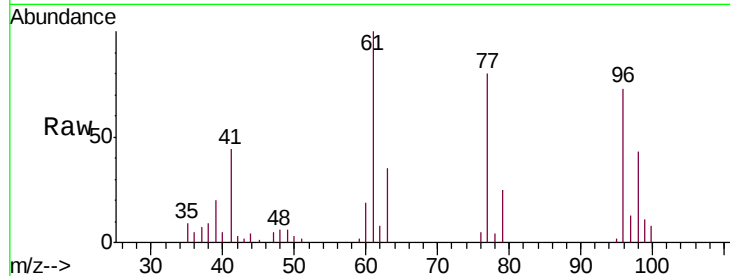


#27

cis-1,2-Dichloroethene
Concen: 5.217 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

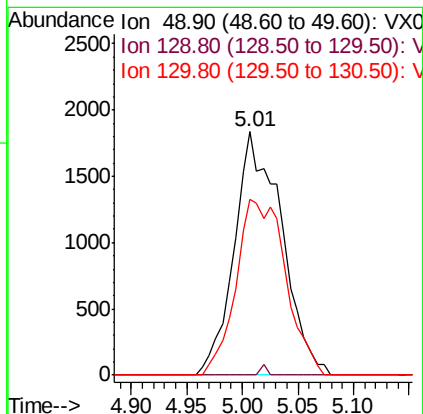
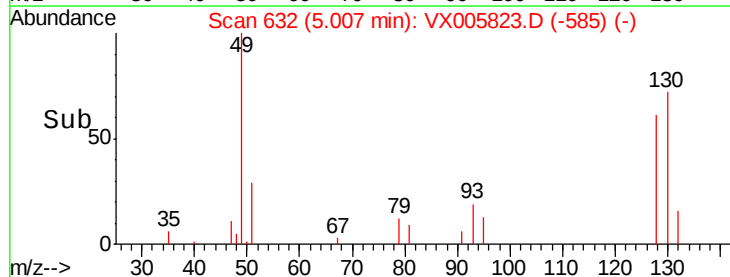
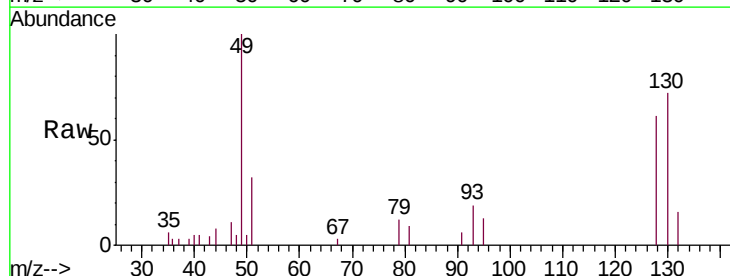
Tgt Ion: 96 Resp: 6677
Ion Ratio Lower Upper
96 100
61 166.8 0.0 304.6
98 65.4 0.0 127.4



#28

Bromochloromethane
Concen: 5.284 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

Tgt Ion: 49 Resp: 5417
Ion Ratio Lower Upper
49 100
129 0.6 0.0 4.0
130 75.8 58.9 88.3

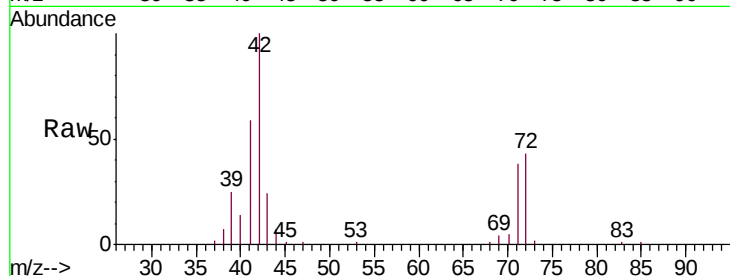




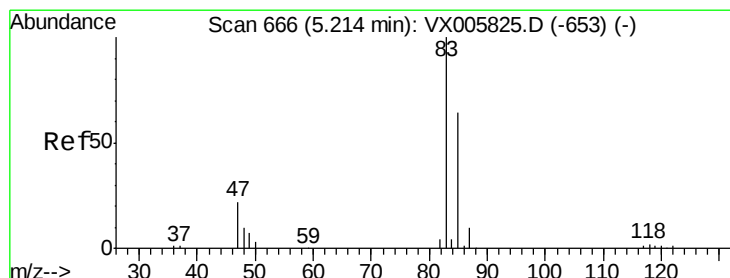
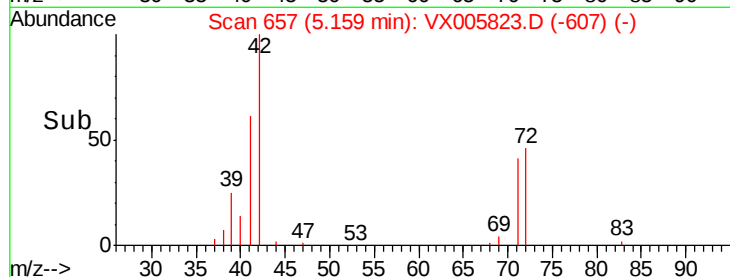
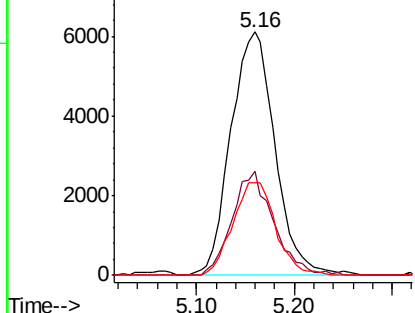
#29
Tetrahydrofuran
Concen: 24.665 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 19161
Ion Ratio Lower Upper
42 100
72 40.0 32.0 48.0
71 37.1 29.8 44.8

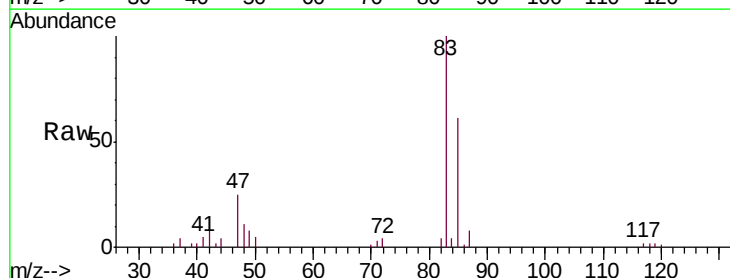


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

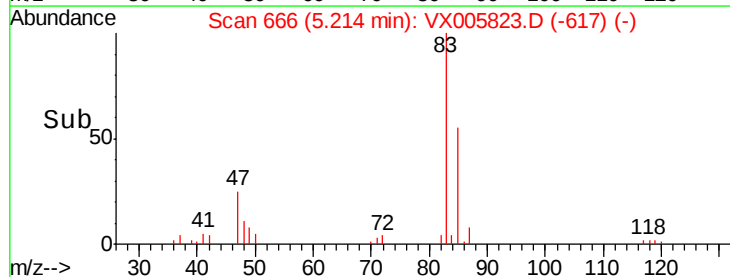
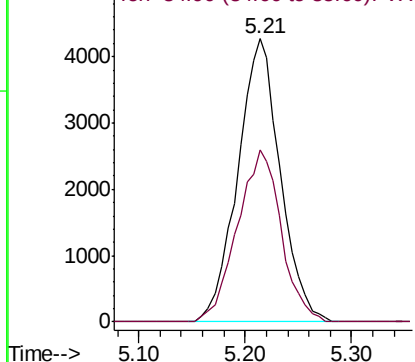


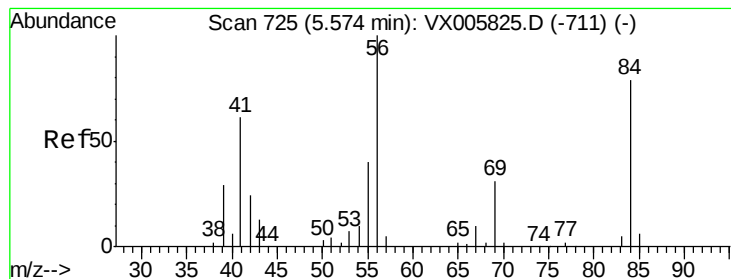
#30
Chloroform
Concen: 5.393 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

Tgt Ion: 83 Resp: 11935
Ion Ratio Lower Upper
83 100
85 60.6 50.6 76.0



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





#31

Cyclohexane

Concen: 4.947 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

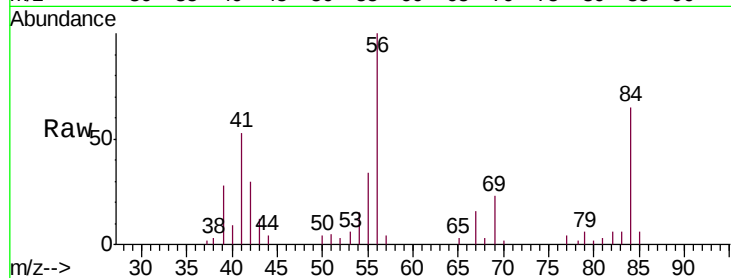
Tgt Ion: 56 Resp: 9850

Ion Ratio Lower Upper

56 100

69 22.6 22.6 34.0#

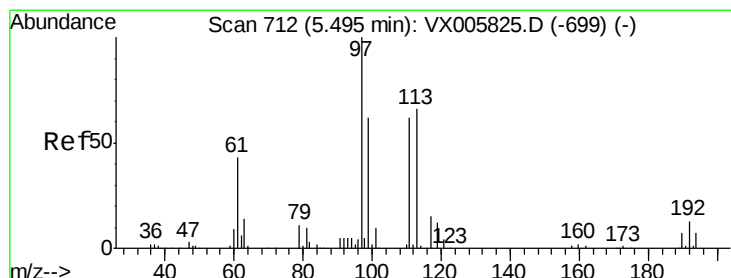
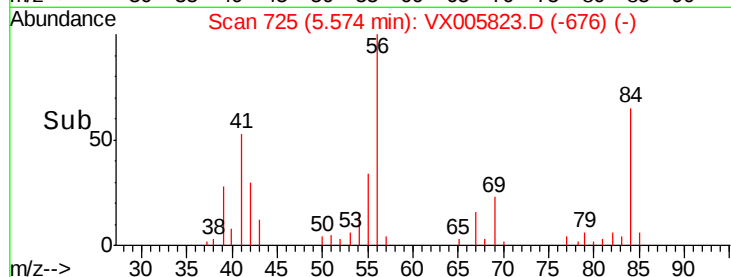
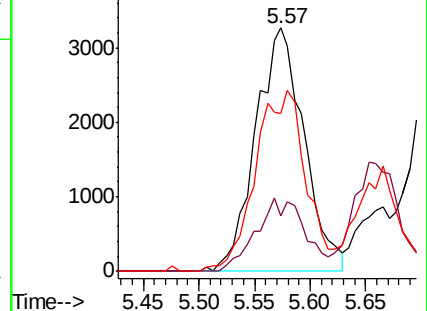
84 64.6 62.7 94.1



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: 5.382 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

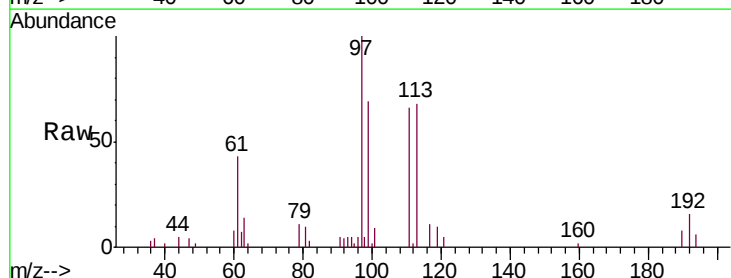
Tgt Ion: 97 Resp: 9935

Ion Ratio Lower Upper

97 100

99 62.5 52.3 78.5

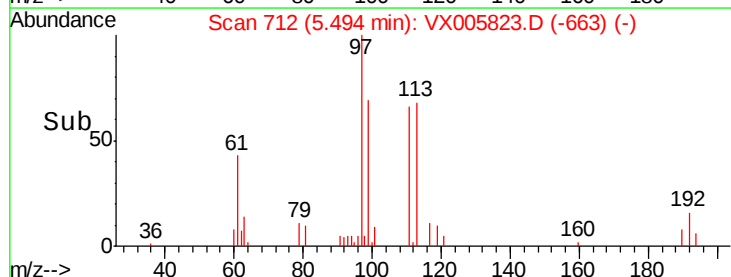
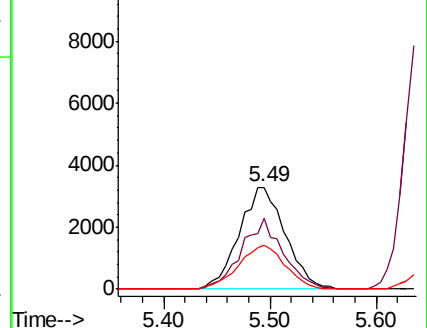
61 43.5 35.2 52.8



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

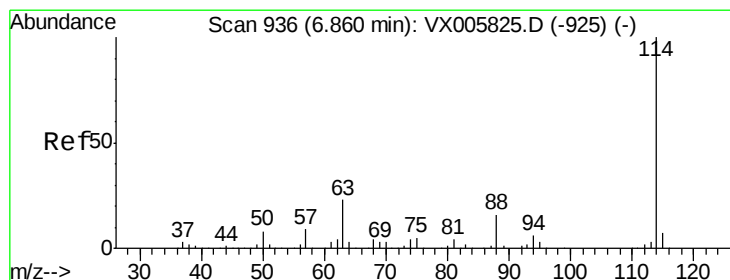
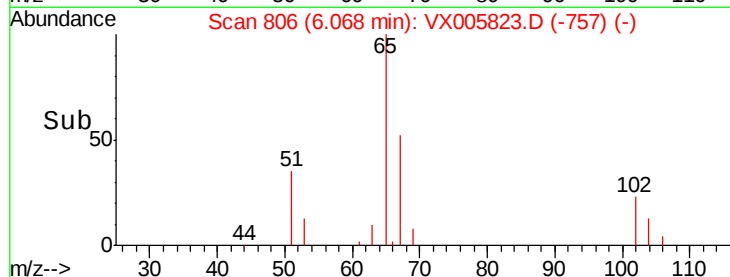
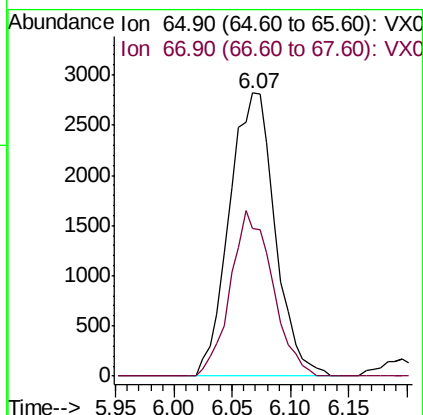
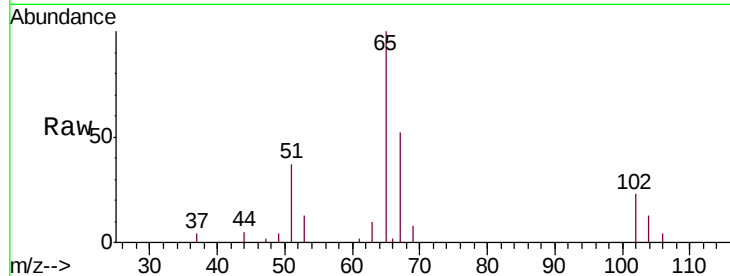




#33
 1,2-Dichloroethane-d4
 Concen: 5.377 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

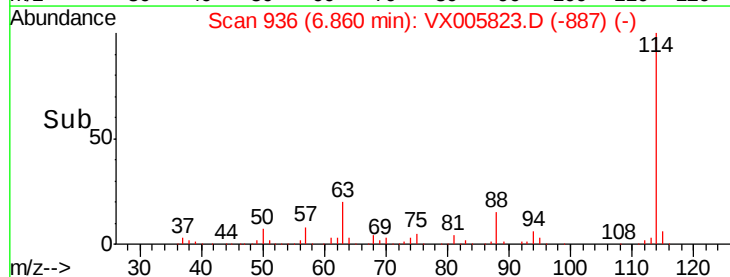
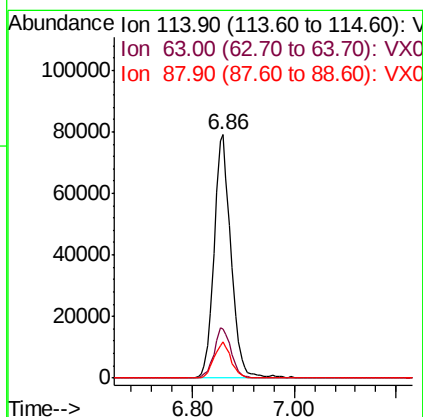
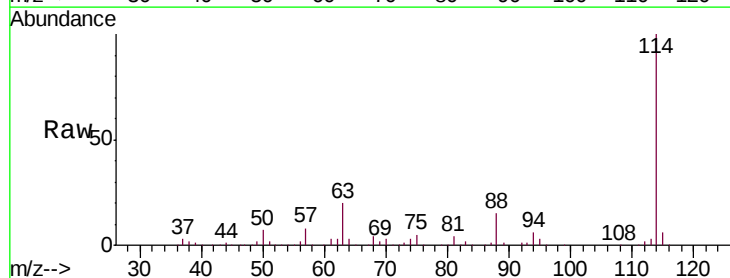
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

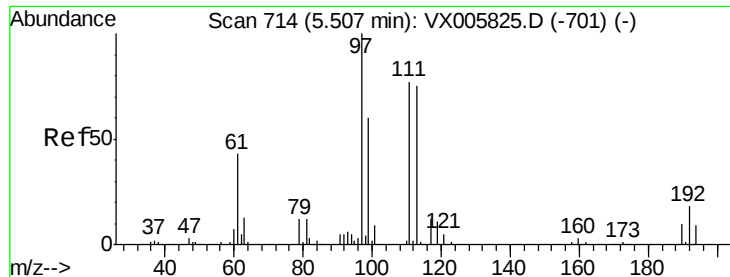
Tgt Ion: 65 Resp: 7686
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

Tgt Ion: 114 Resp: 182951
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.8
 88 14.8 0.0 31.2

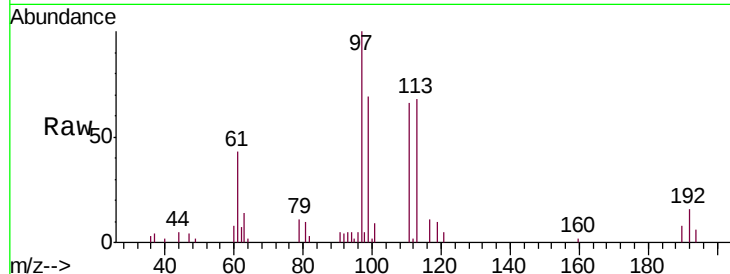




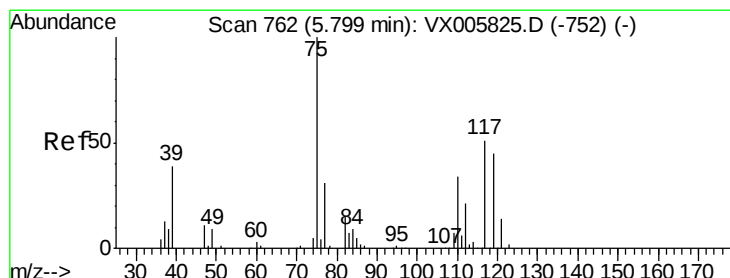
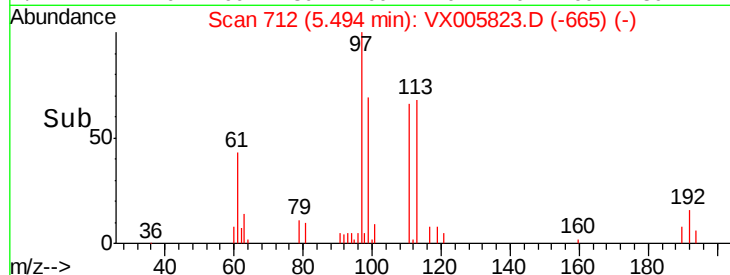
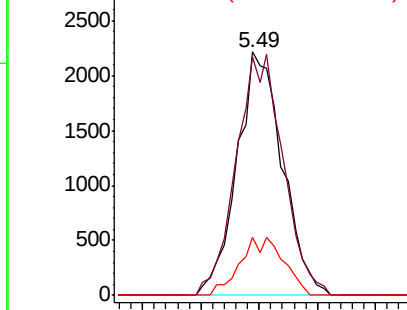
#35
 Dibromofluoromethane
 Concen: 4.834 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:113 Resp: 6015
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.3 123.5
 192 22.7 17.9 26.9

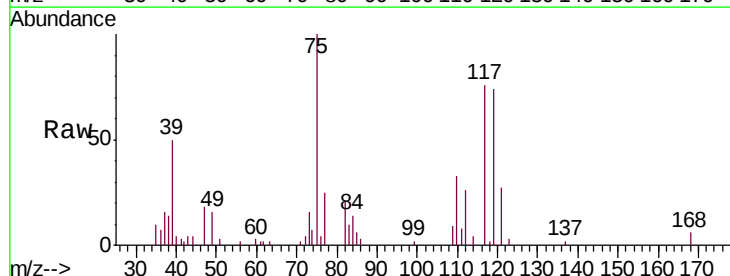


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

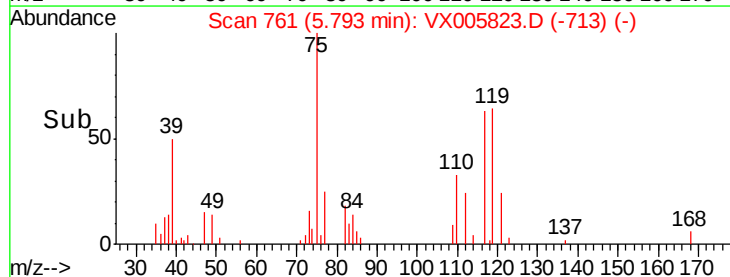
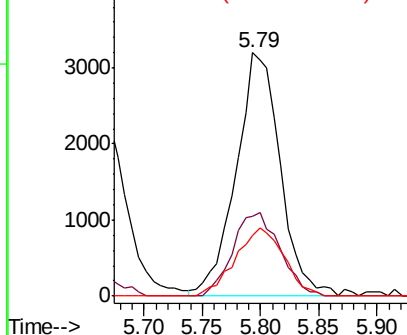


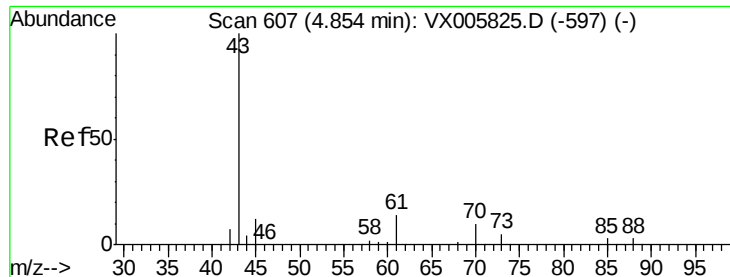
#36
 1,1-Dichloropropene
 Concen: 4.797 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

Tgt Ion: 75 Resp: 8460
 Ion Ratio Lower Upper
 75 100
 110 36.3 17.4 52.2
 77 30.5 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

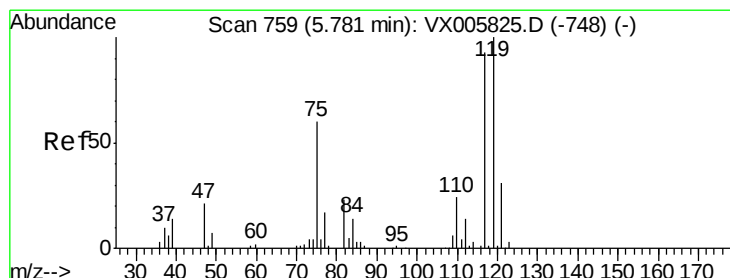
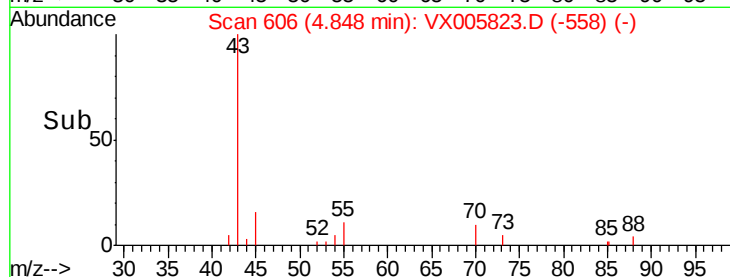
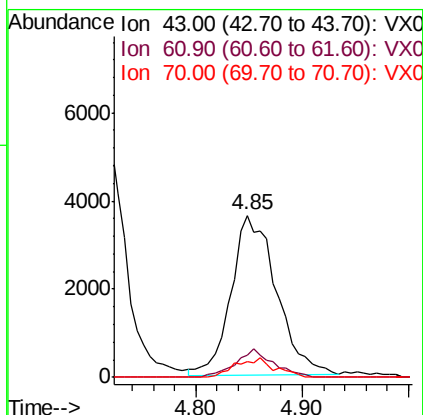
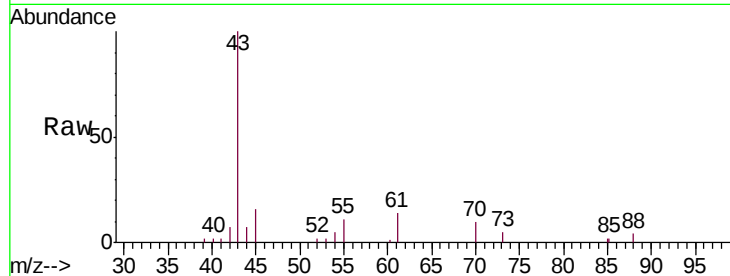




#37
Ethyl Acetate
Concen: 4.656 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

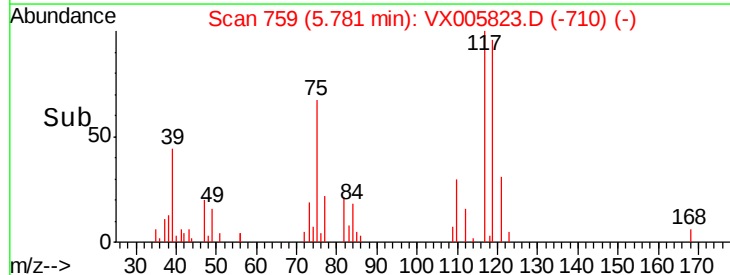
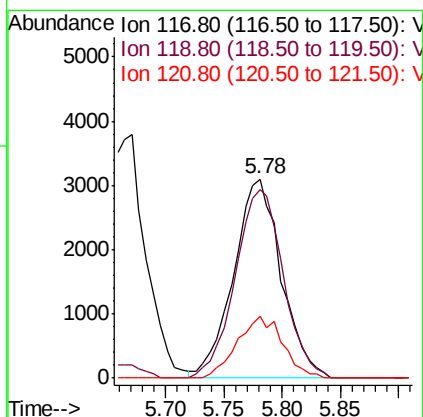
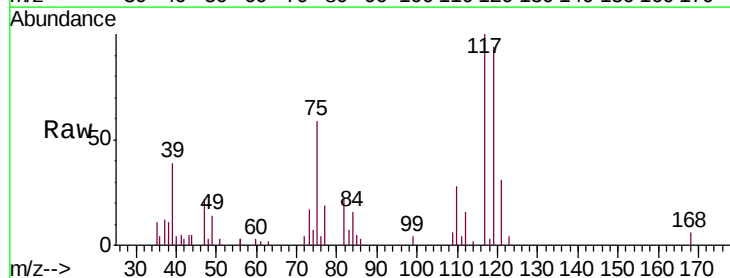
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 10799
Ion Ratio Lower Upper
43 100
61 14.6 10.8 16.2
70 10.4 7.8 11.8



#38
Carbon Tetrachloride
Concen: 5.010 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

Tgt Ion: 117 Resp: 8846
Ion Ratio Lower Upper
117 100
119 94.4 78.1 117.1
121 30.8 24.6 36.8

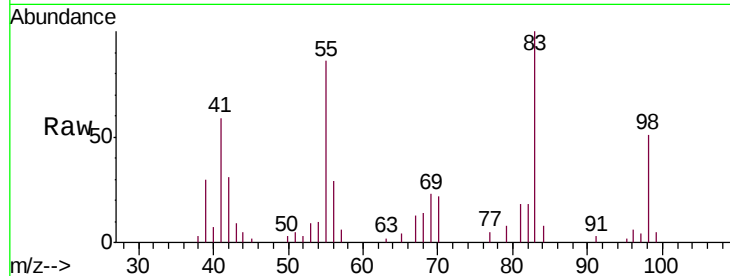




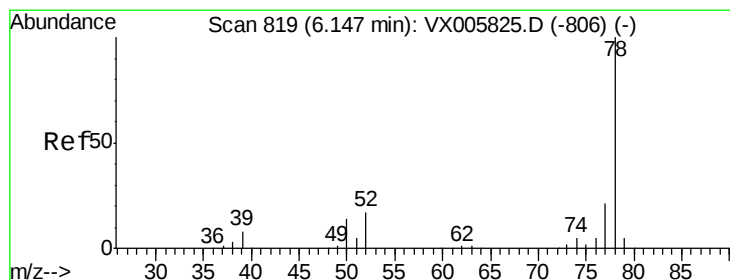
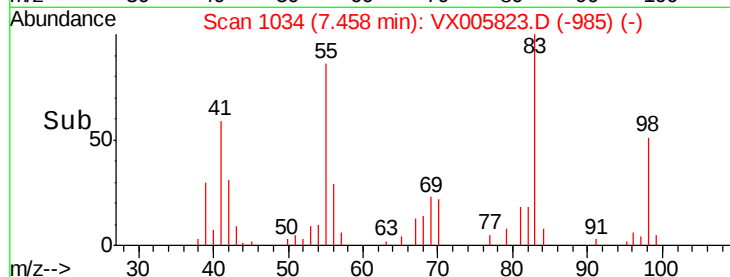
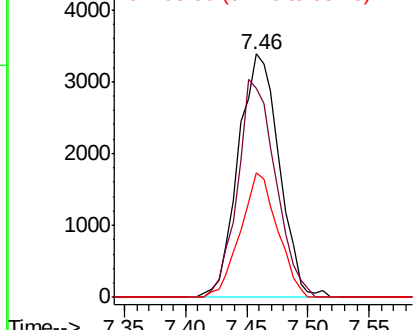
#39
Methylcyclohexane
Concen: 4.394 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 7855
Ion Ratio Lower Upper
83 100
55 86.1 63.7 95.5
98 51.4 36.2 54.2

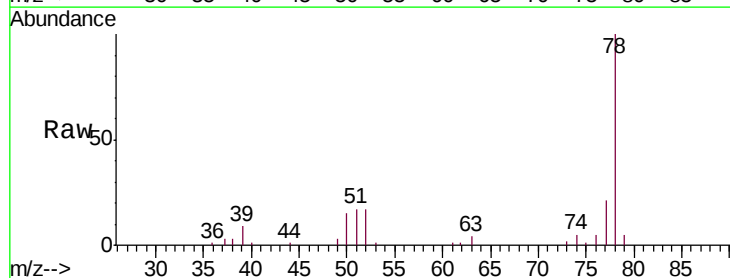


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

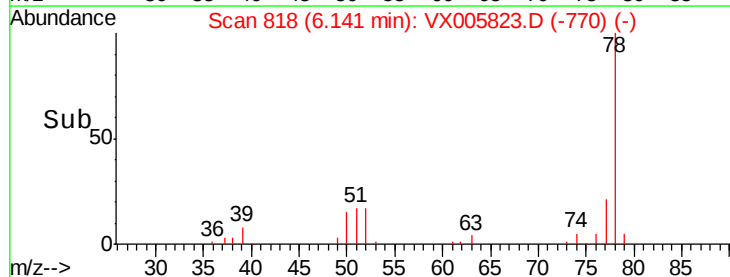
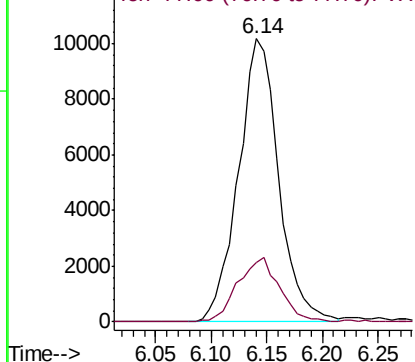


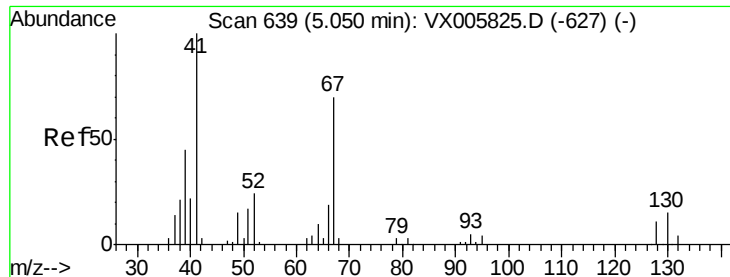
#40
Benzene
Concen: 4.986 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

Tgt Ion: 78 Resp: 25635
Ion Ratio Lower Upper
78 100
77 20.9 18.4 27.6



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

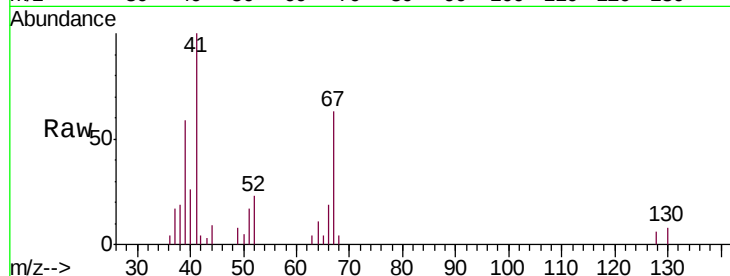




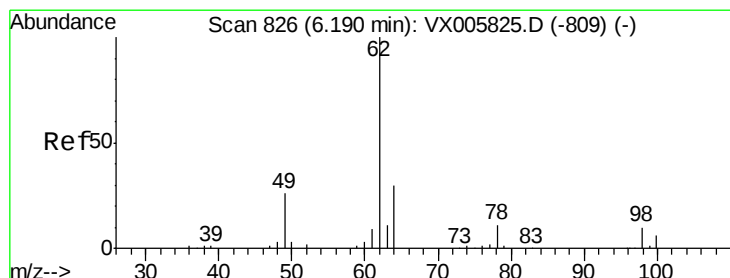
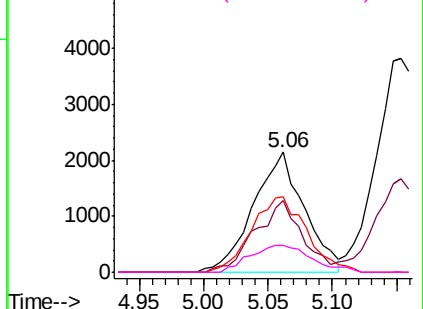
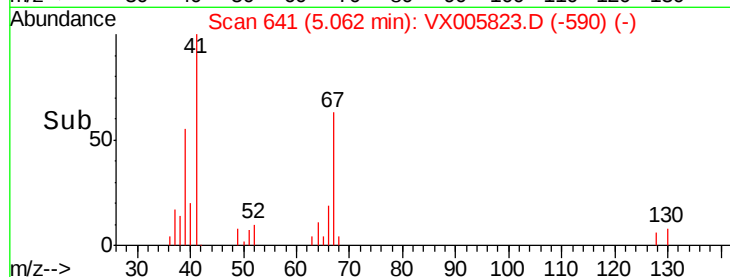
#41
Methacrylonitrile
Concen: 4.704 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	5895
Ion	Ratio	Lower	Upper
41	100		
39	56.0	42.2	63.2
67	67.7	53.4	80.0
52	27.1	23.4	35.2

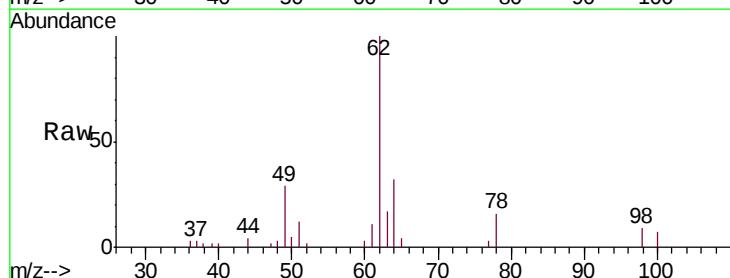


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

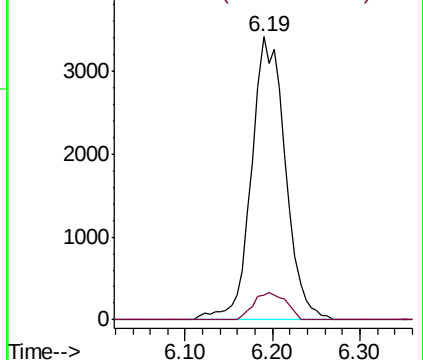
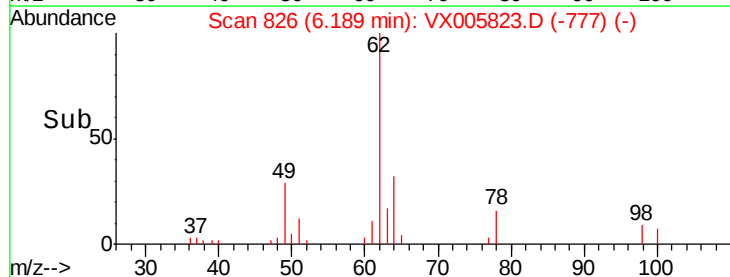


#42
1,2-Dichloroethane
Concen: 5.021 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

Tgt Ion:	62	Resp:	9246
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 4.698 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

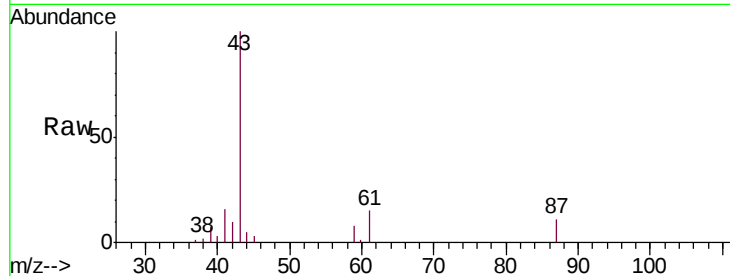
Tgt Ion: 43 Resp: 15789

Ion Ratio Lower Upper

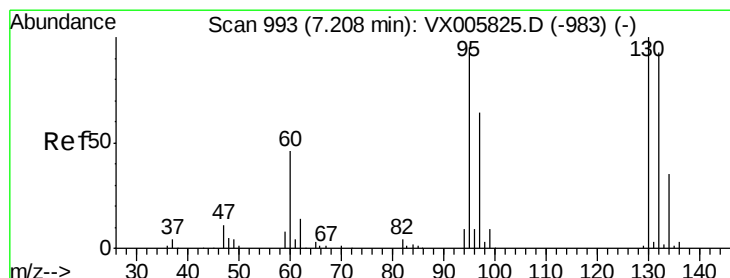
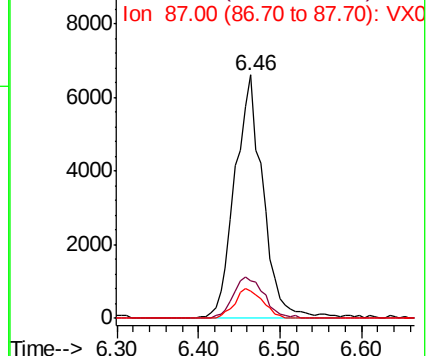
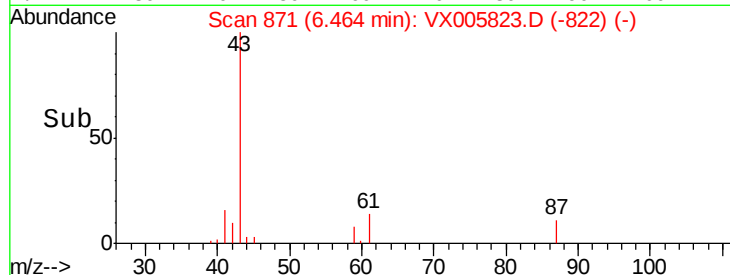
43 100

61 18.6 14.6 22.0

87 12.0 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX005823.D (-822) (-)



#44

Trichloroethene

Concen: 4.848 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX005823.D

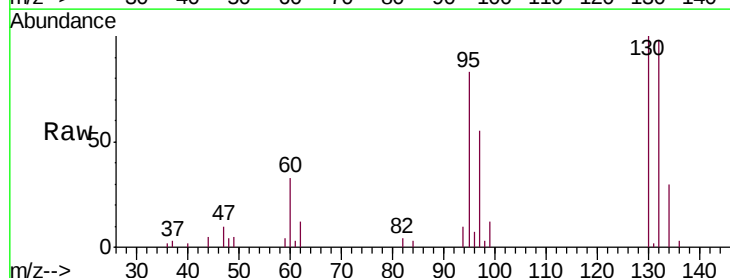
Acq: 07 Nov 2018 12:32

Tgt Ion: 130 Resp: 6330

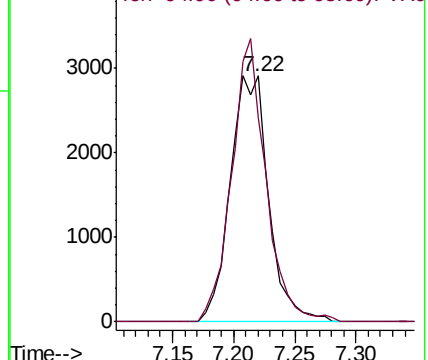
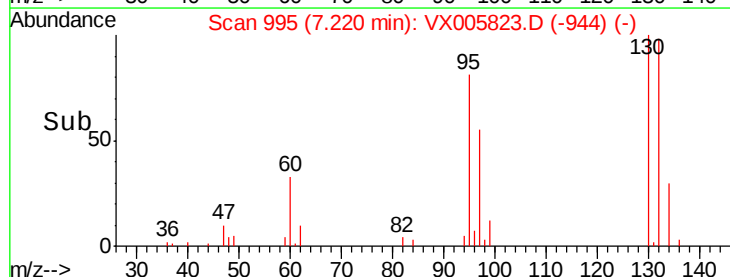
Ion Ratio Lower Upper

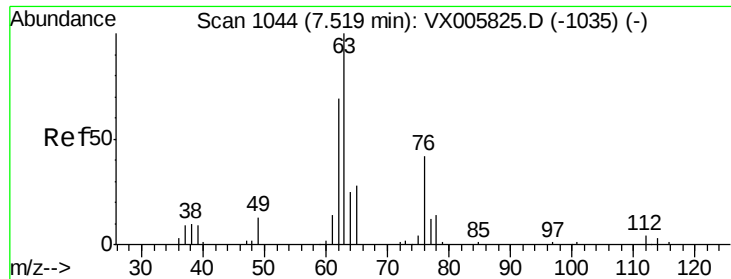
130 100

95 82.7 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): VX005823.D (-944) (-)

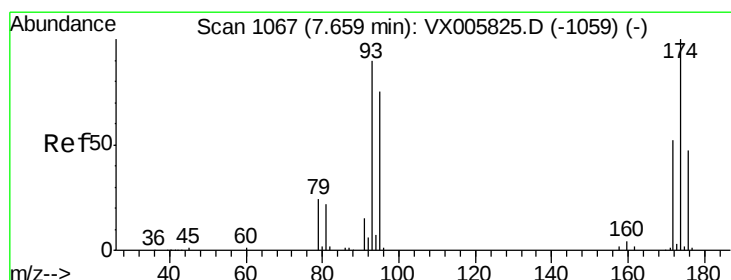
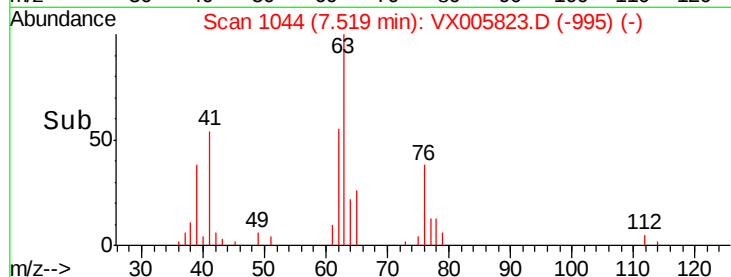
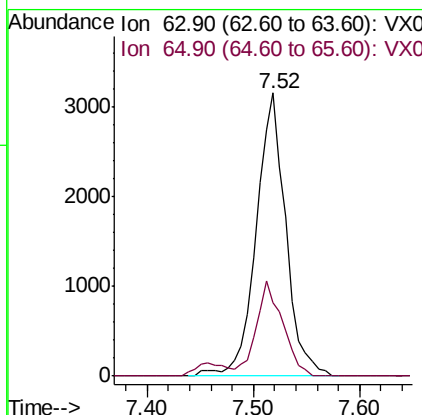
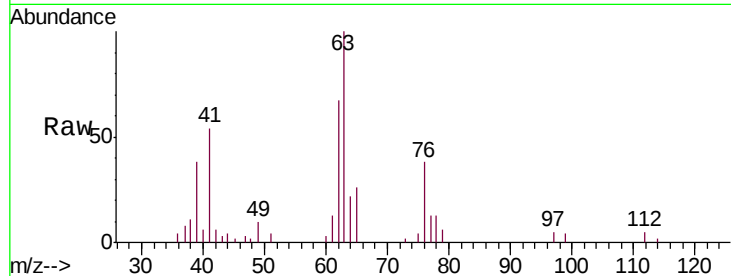




#45
 1,2-Dichloropropane
 Concen: 4.920 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

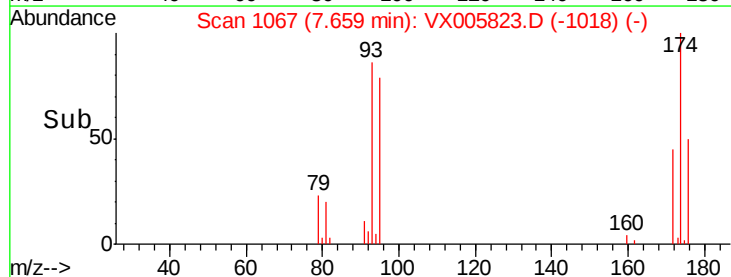
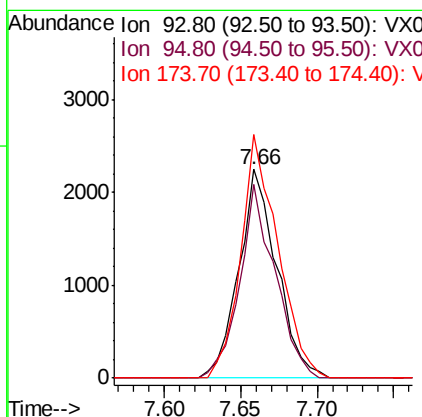
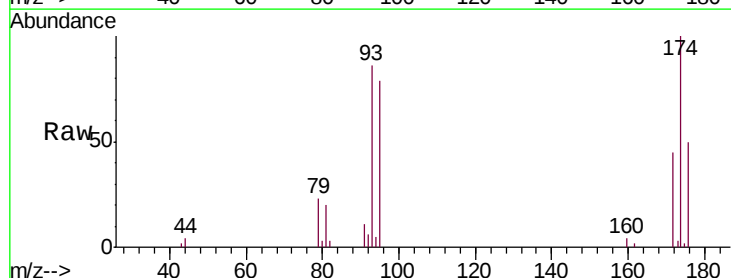
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 63 Resp: 6140
 Ion Ratio Lower Upper
 63 100
 65 26.0 24.8 37.2



#46
 Dibromomethane
 Concen: 4.956 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

Tgt Ion: 93 Resp: 3881
 Ion Ratio Lower Upper
 93 100
 95 85.8 67.4 101.0
 174 113.8 91.5 137.3





#47

Bromodichloromethane

Concen: 4.867 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

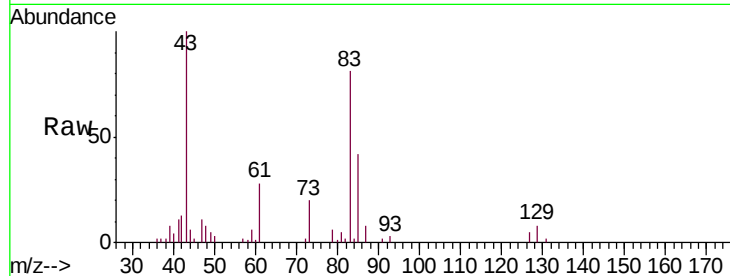
Tgt Ion: 83 Resp: 7203

Ion Ratio Lower Upper

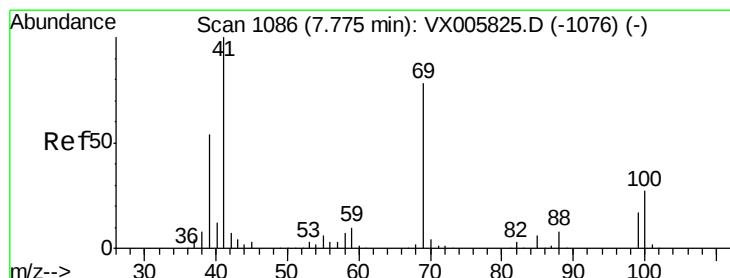
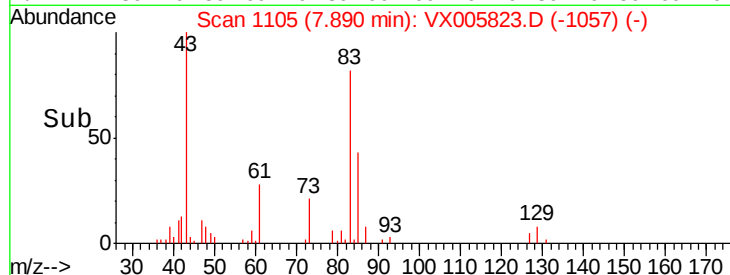
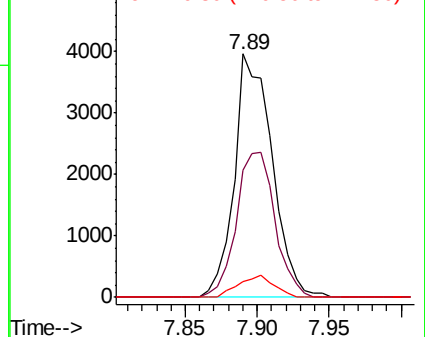
83 100

85 52.5 50.2 75.4

127 6.6 6.9 10.3#



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: 4.600 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

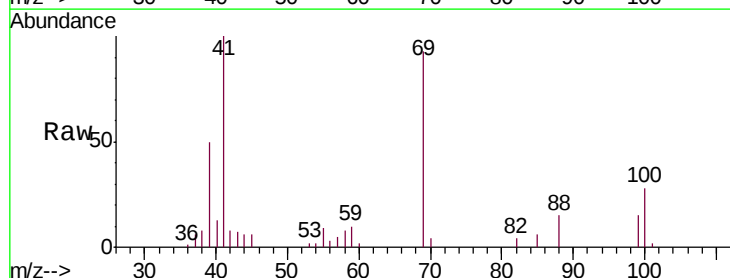
Tgt Ion: 41 Resp: 6941

Ion Ratio Lower Upper

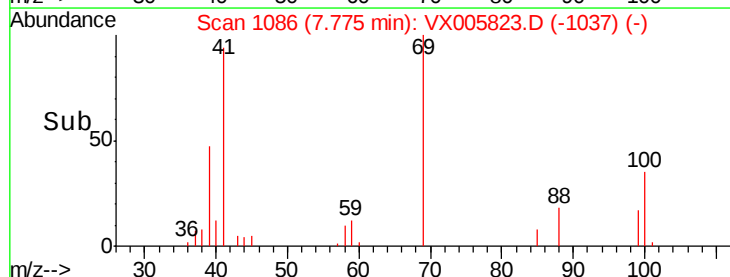
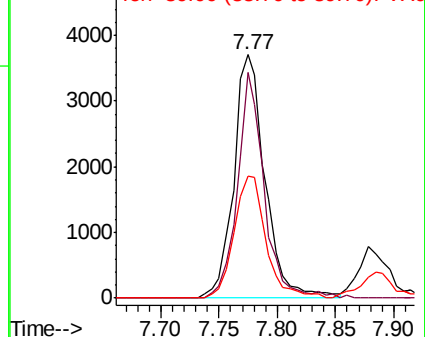
41 100

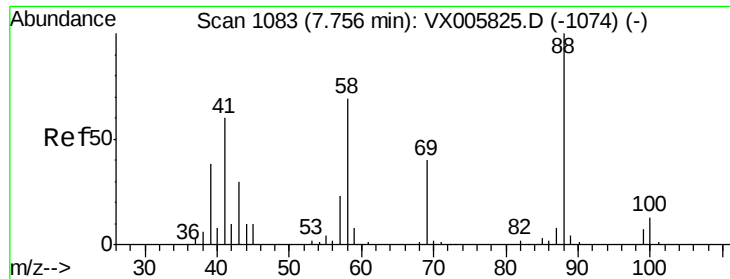
69 77.5 63.2 94.8

39 51.1 42.2 63.2



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

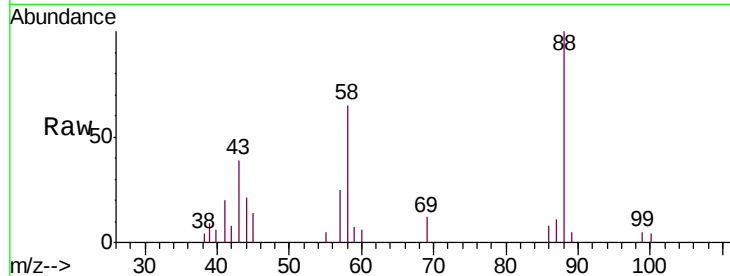




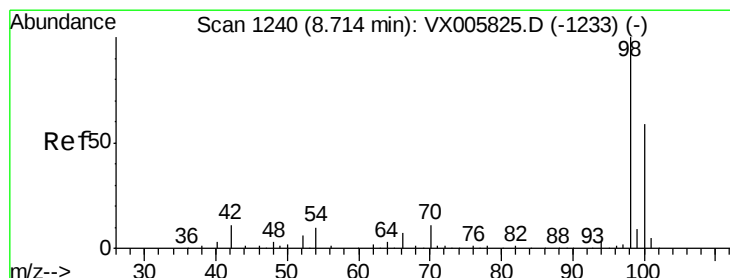
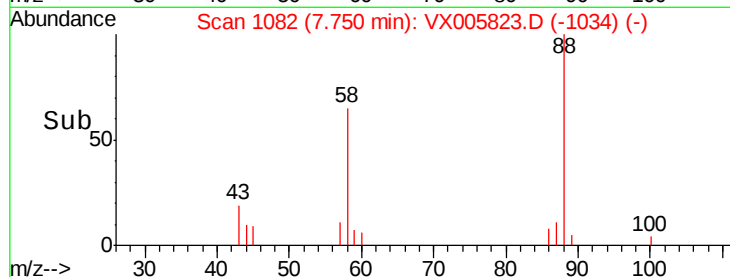
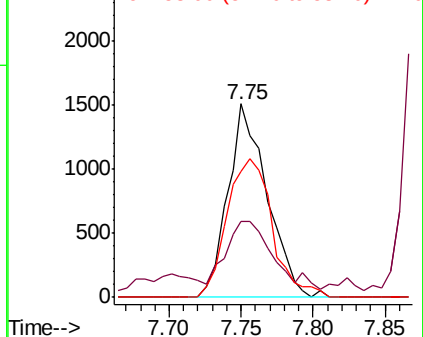
#49
1,4-Dioxane
Concen: 88.046 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 2863
Ion Ratio Lower Upper
88 100
43 42.0 27.4 41.0#
58 82.7 59.4 89.2

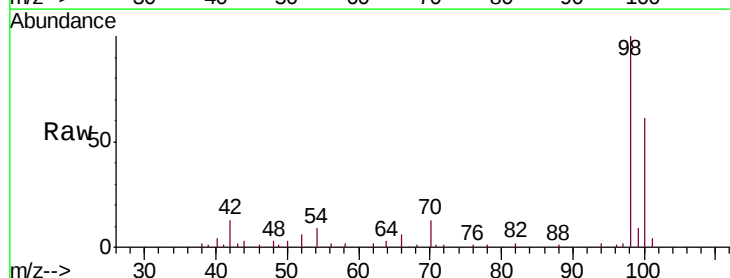


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

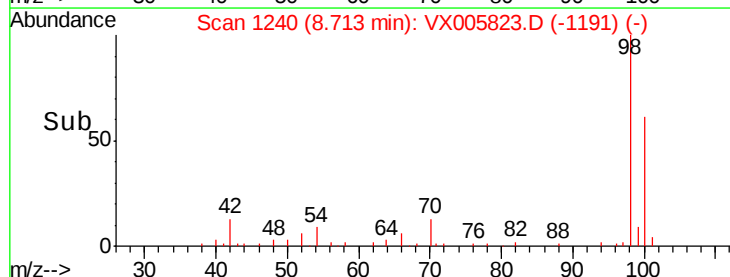
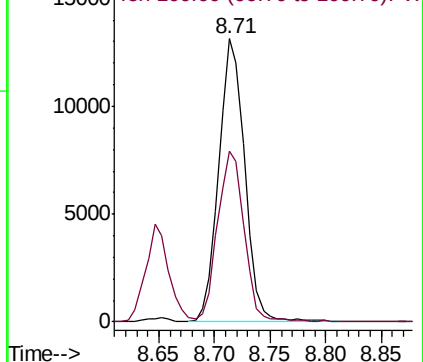


#50
Toluene-d8
Concen: 5.140 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

Tgt Ion: 98 Resp: 21265
Ion Ratio Lower Upper
98 100
100 61.4 51.3 76.9



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

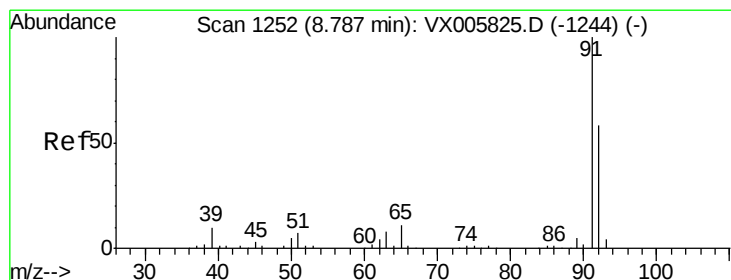
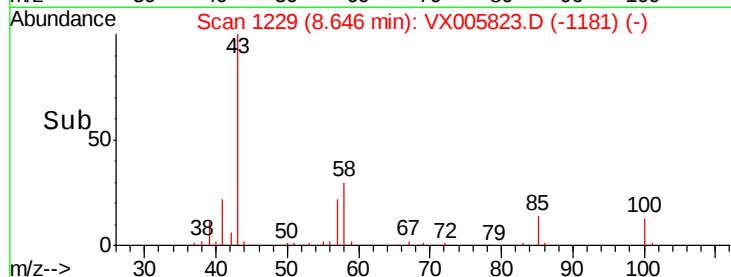
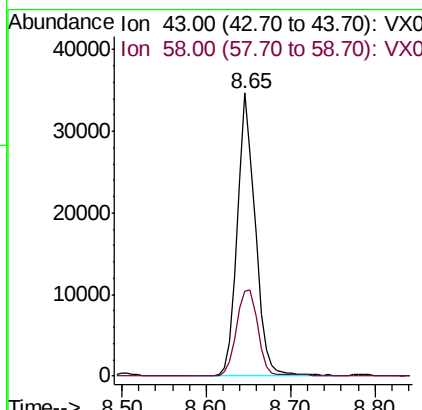
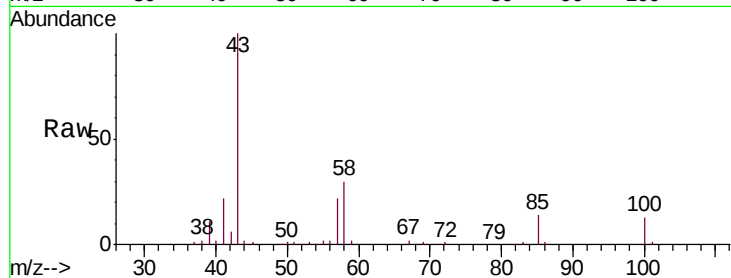




#51
4-Methyl-2-Pentanone
Concen: 23.624 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

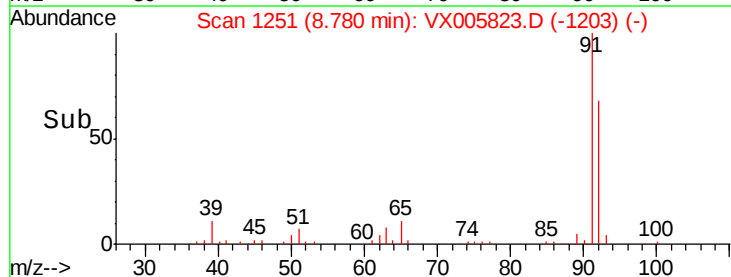
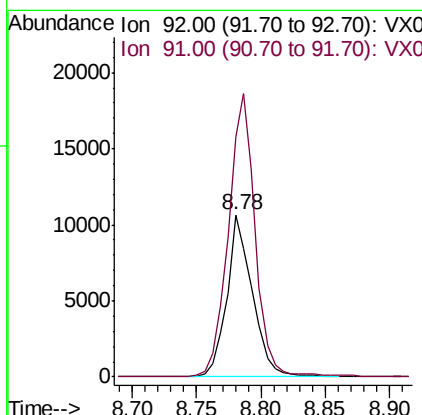
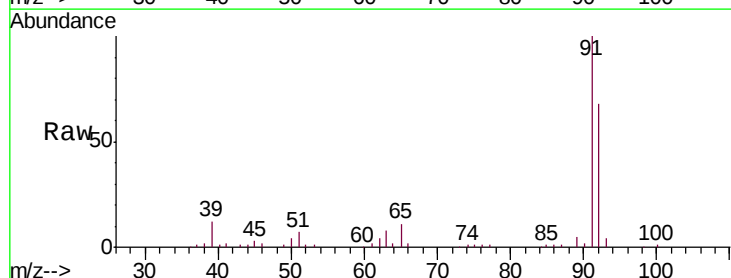
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 50037
Ion Ratio Lower Upper
43 100
58 35.8 29.7 44.5



#52
Toluene
Concen: 5.142 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

Tgt Ion: 92 Resp: 14776
Ion Ratio Lower Upper
92 100
91 184.2 140.4 210.6

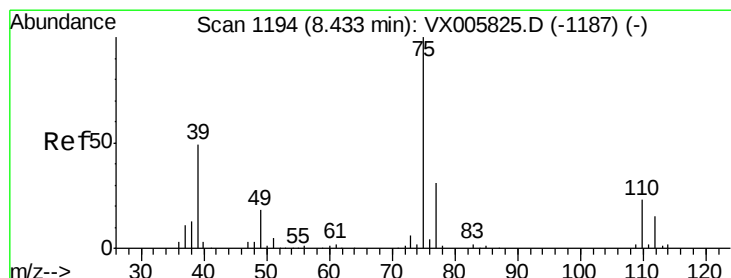
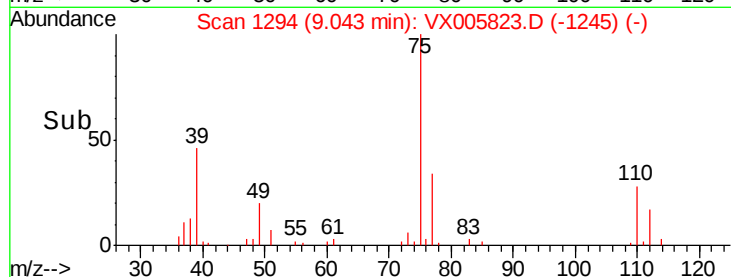
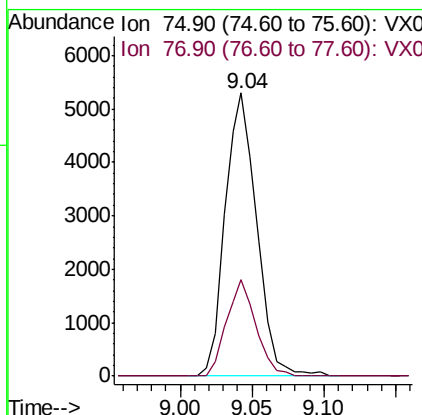
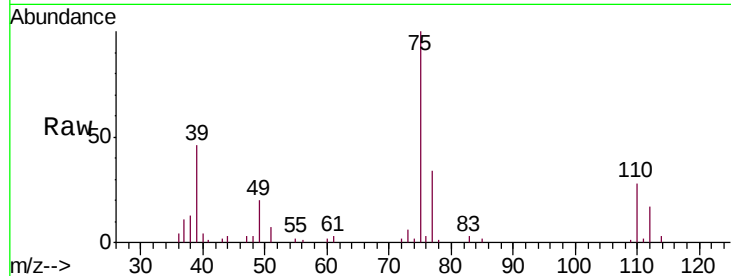




#53
t-1,3-Dichloropropene
Concen: 4.663 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

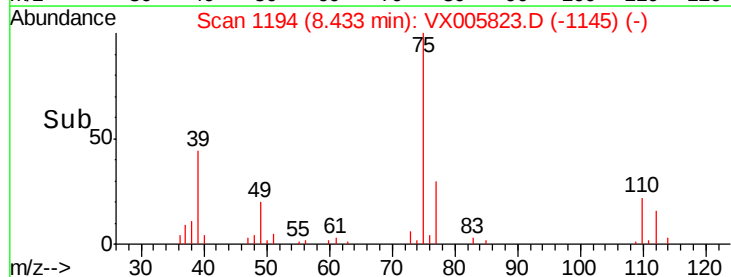
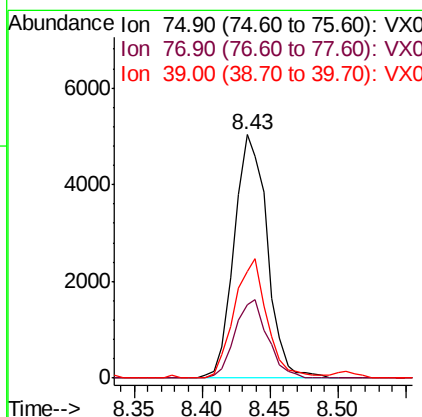
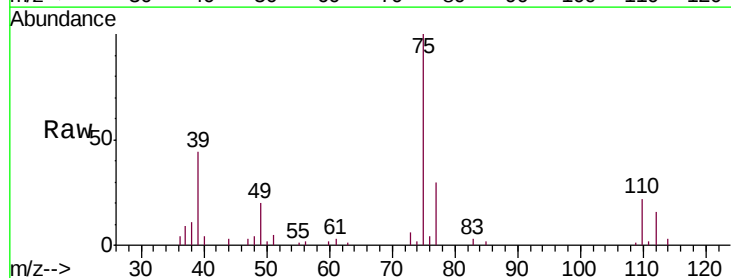
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 8143
Ion Ratio Lower Upper
75 100
77 34.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 4.788 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

Tgt Ion: 75 Resp: 8523
Ion Ratio Lower Upper
75 100
77 29.9 25.2 37.8
39 43.8 38.2 57.2

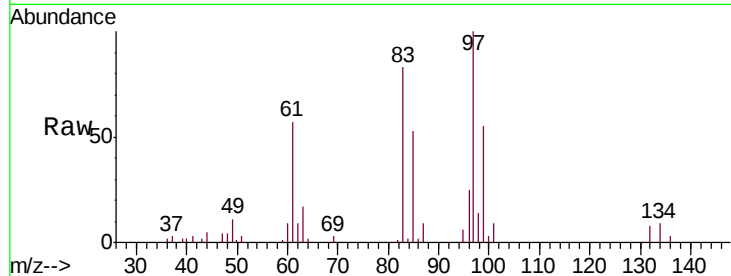




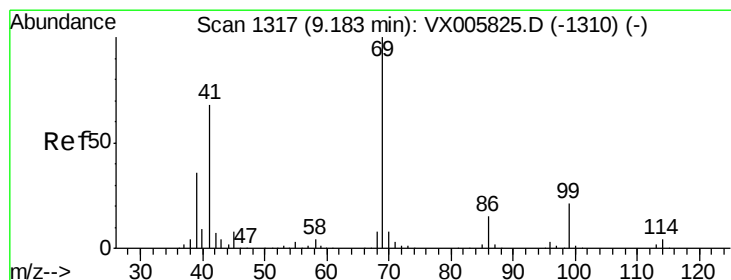
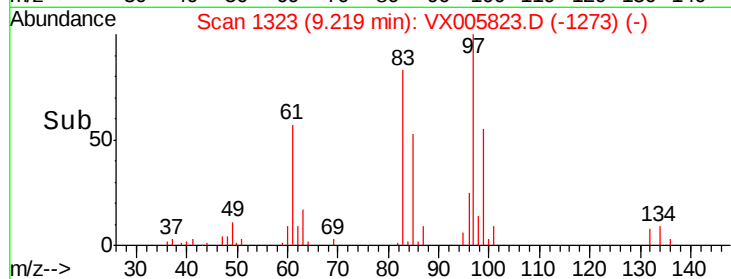
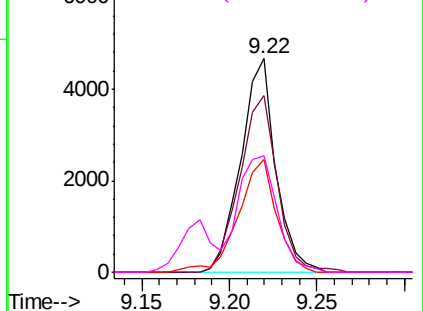
#55
 1,1,2-Trichloroethane
 Concen: 5.056 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	6475
Ion	Ratio	Lower	Upper
97	100		
83	82.6	70.7	106.1
85	52.7	45.8	68.6
99	54.5	51.8	77.8

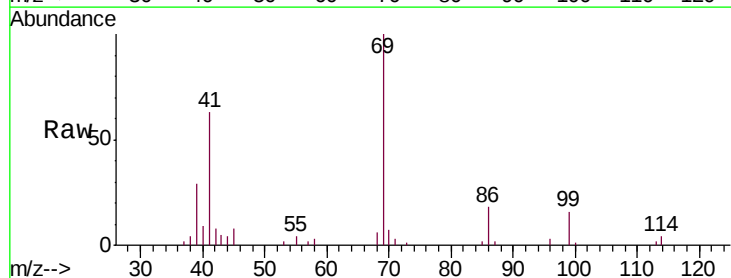


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

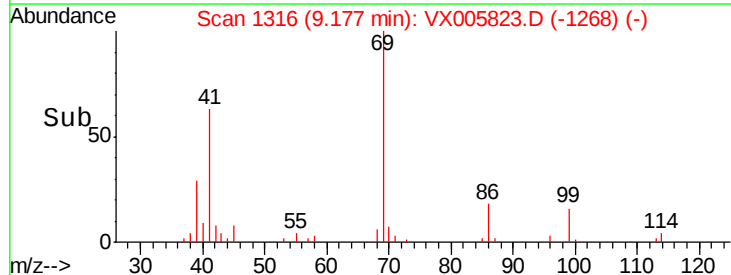
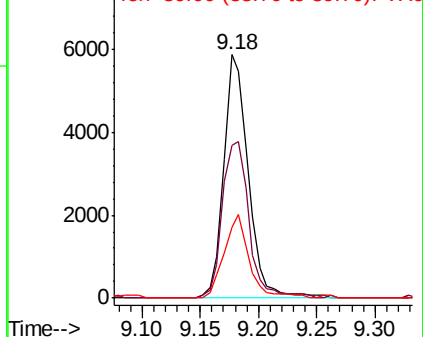


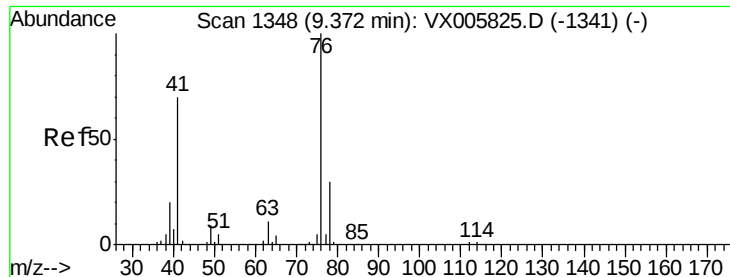
#56
 Ethyl methacrylate
 Concen: 4.485 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

Tgt Ion:	69	Resp:	8594
Ion	Ratio	Lower	Upper
69	100		
41	69.8	57.0	85.6
39	34.9	28.3	42.5



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: 5.008 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

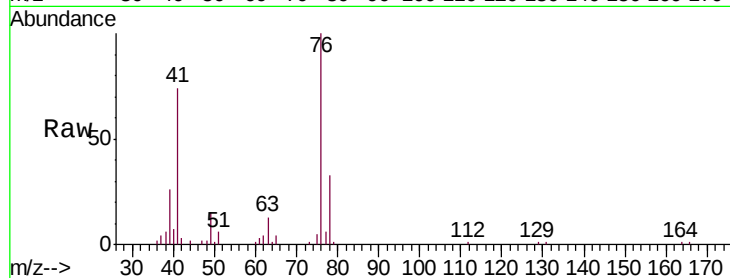
VSTDIC005

Tgt Ion: 76 Resp: 10779

Ion Ratio Lower Upper

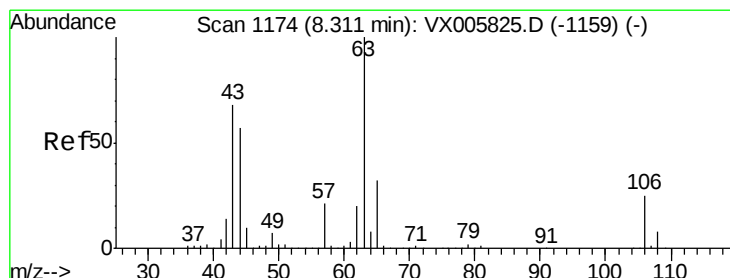
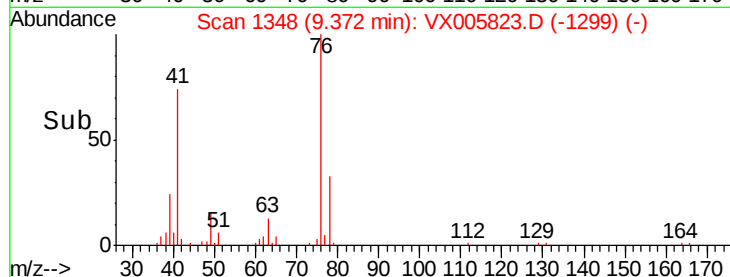
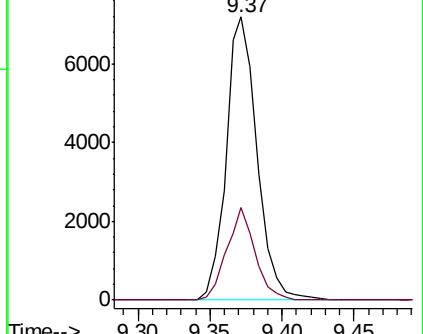
76 100

78 30.0 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 27.324 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX005823.D

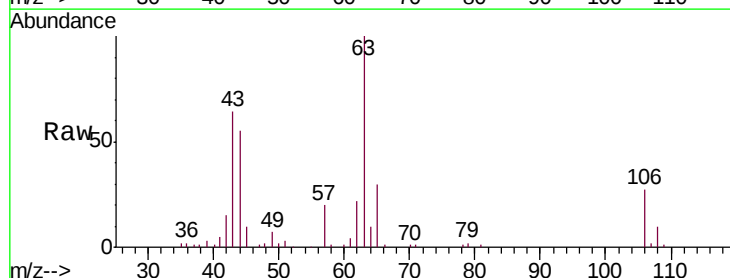
Acq: 07 Nov 2018 12:32

Tgt Ion: 63 Resp: 20568

Ion Ratio Lower Upper

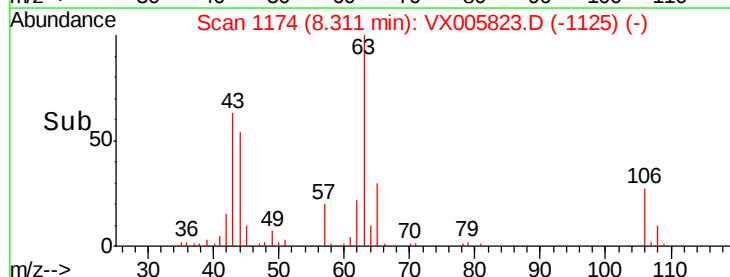
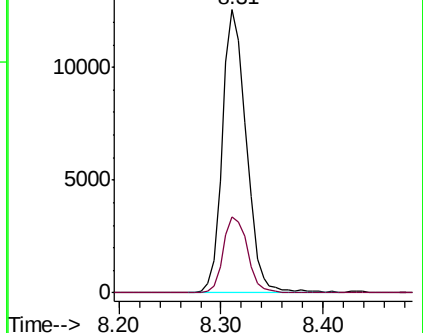
63 100

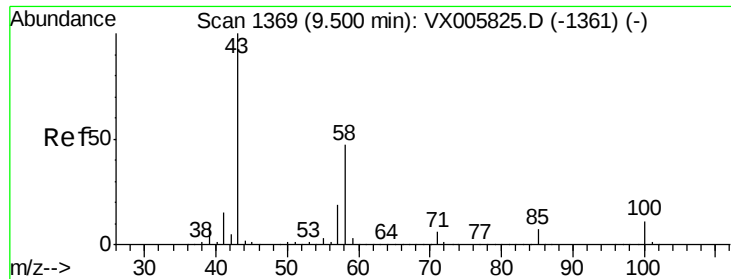
106 26.9 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

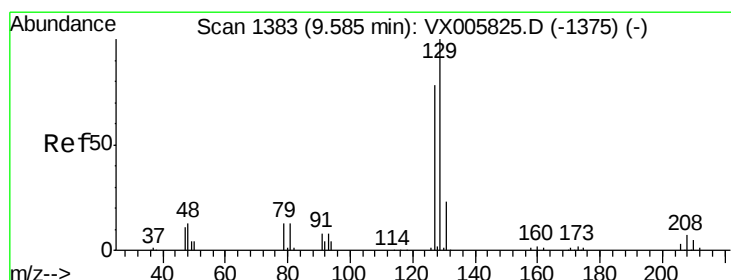
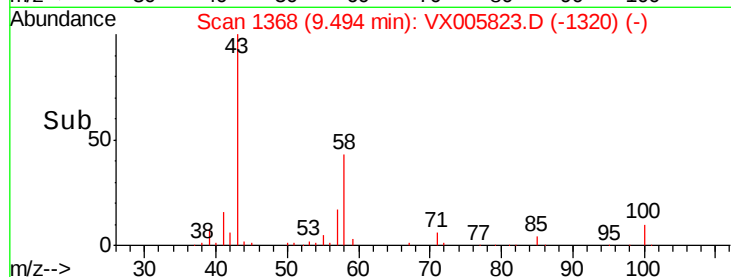
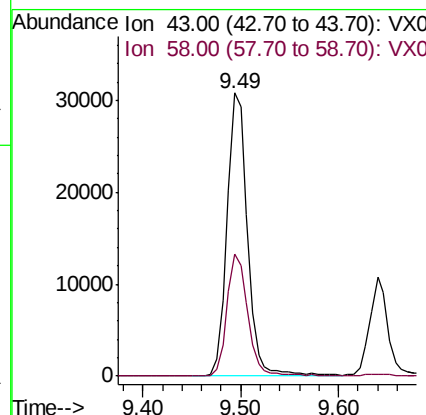
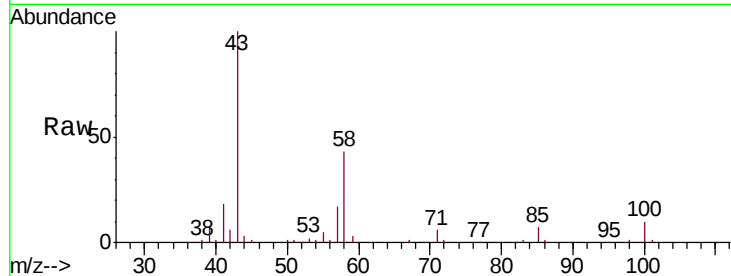




#59
2-Hexanone
Concen: 24.035 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

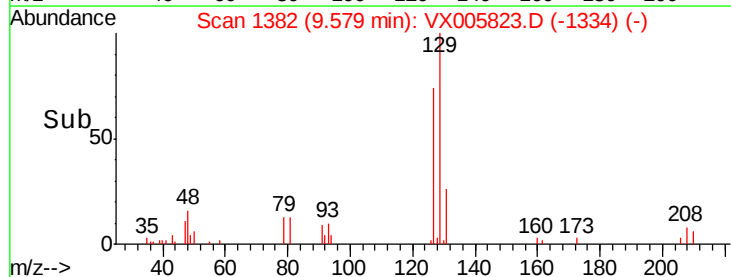
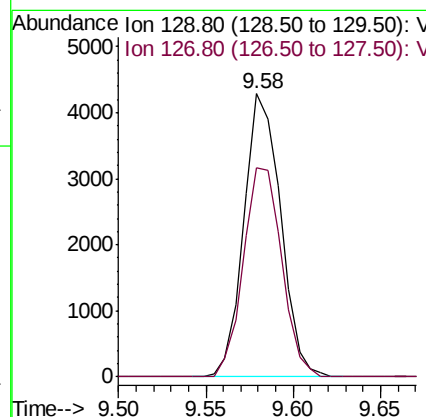
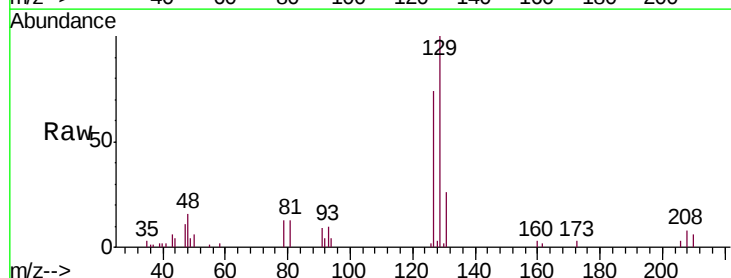
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

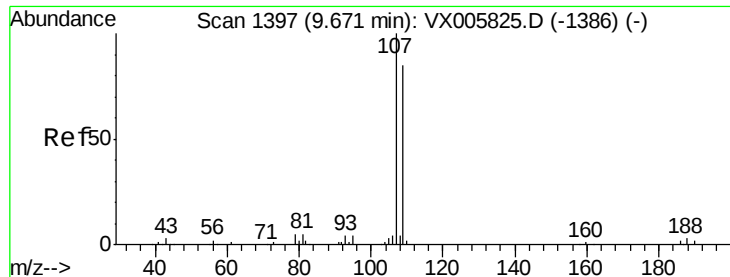
Tgt Ion: 43 Resp: 44873
Ion Ratio Lower Upper
43 100
58 44.2 25.9 77.8



#60
Dibromochloromethane
Concen: 4.539 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

Tgt Ion: 129 Resp: 6282
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 5.030 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

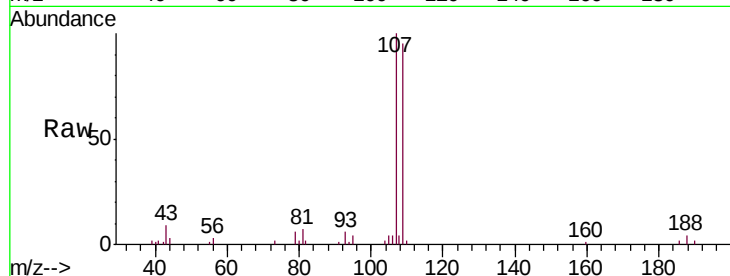
VSTDIC005

Tgt Ion:107 Resp: 7123

Ion Ratio Lower Upper

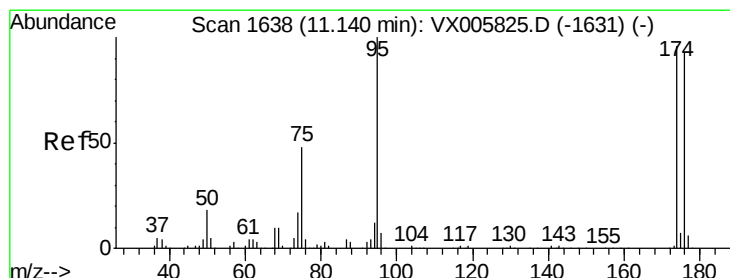
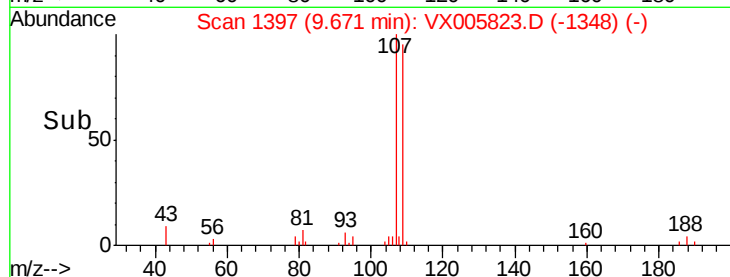
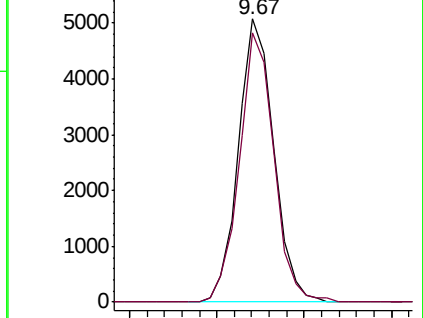
107 100

109 92.9 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.587 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

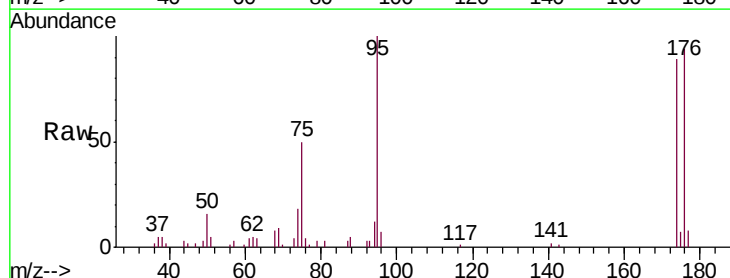
Tgt Ion: 95 Resp: 6823

Ion Ratio Lower Upper

95 100

174 95.2 0.0 184.4

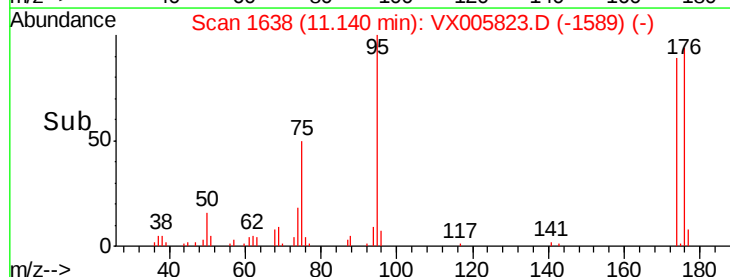
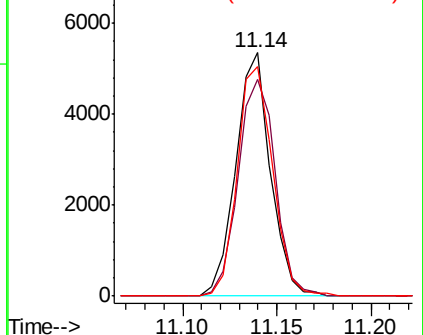
176 96.4 0.0 177.4

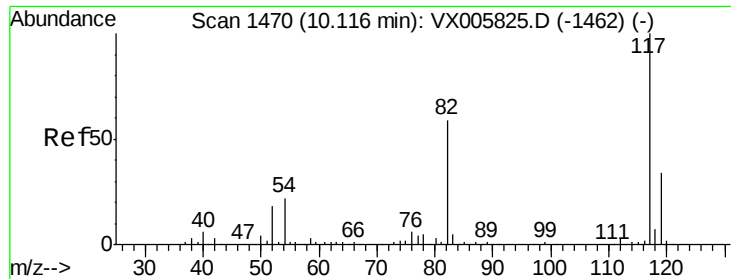


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

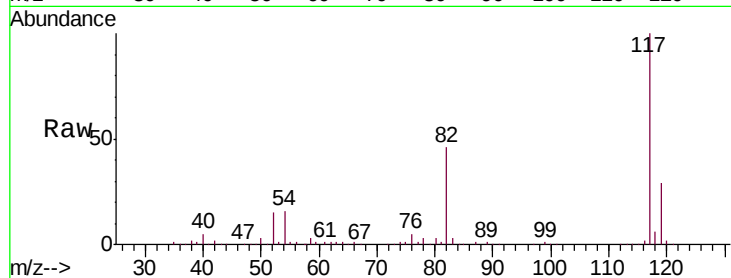




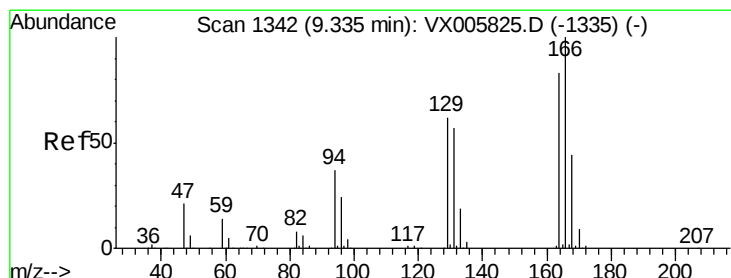
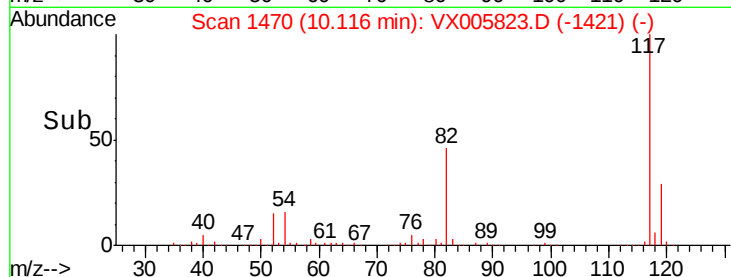
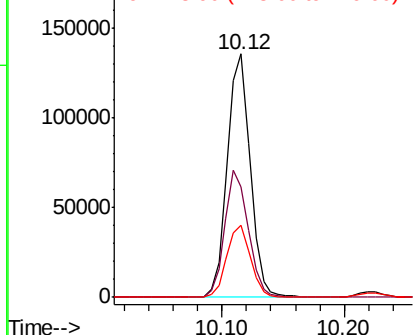
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 175764
Ion Ratio Lower Upper
117 100
82 45.5 44.1 66.1
119 29.5 26.2 39.2

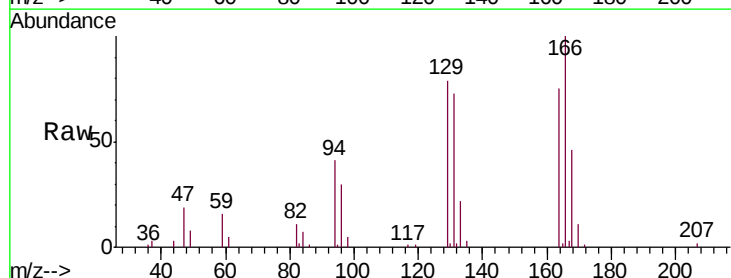


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

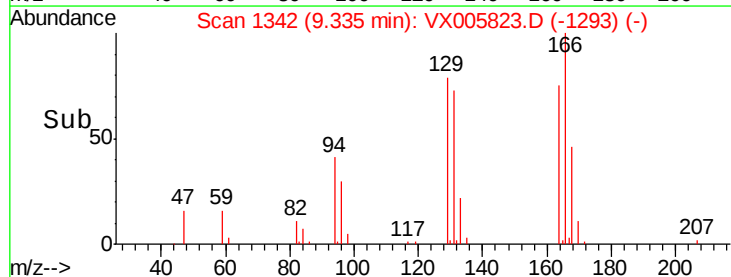
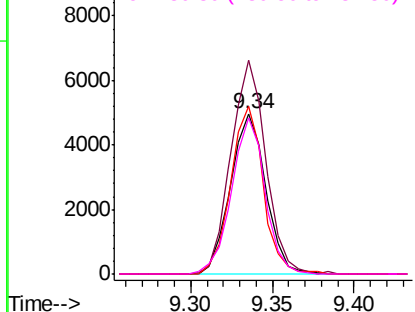


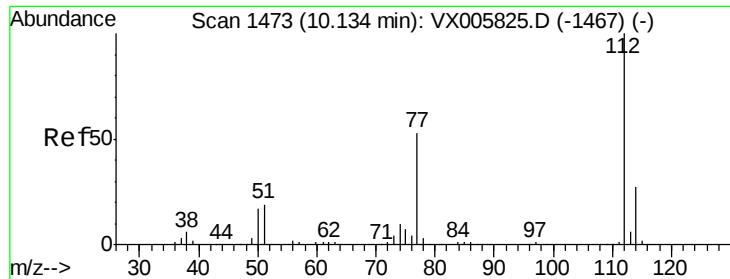
#64
Tetrachloroethene
Concen: 4.998 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

Tgt Ion:164 Resp: 7479
Ion Ratio Lower Upper
164 100
166 133.0 101.9 152.9
129 104.6 72.6 109.0
131 96.9 71.1 106.7



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

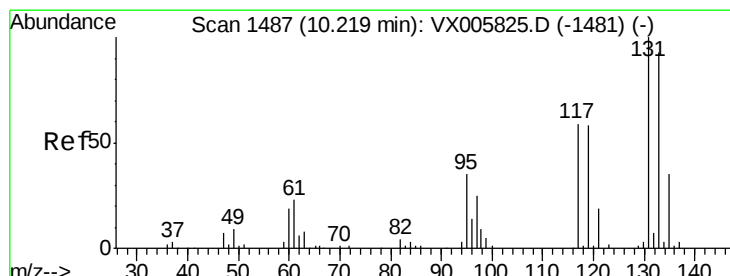
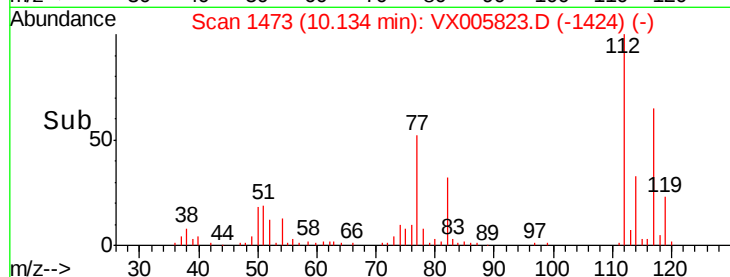
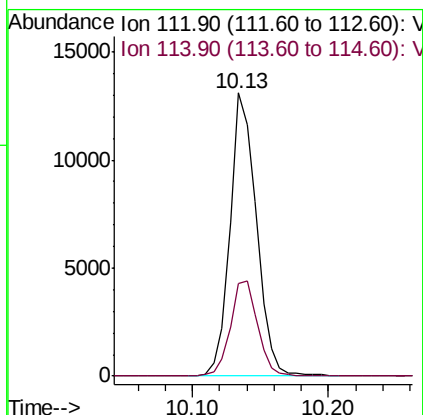
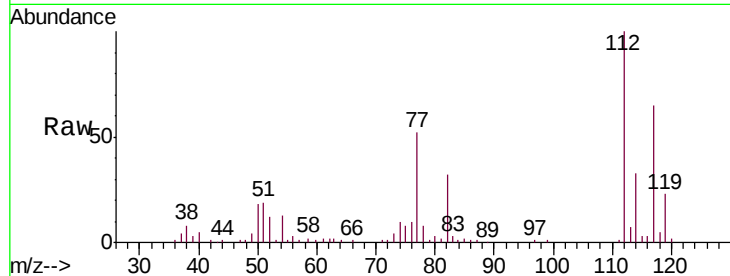




#65
Chlorobenzene
Concen: 5.024 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

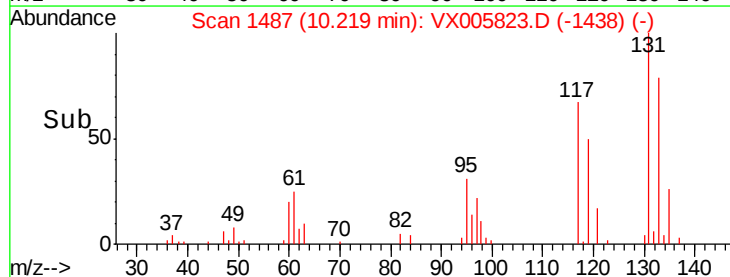
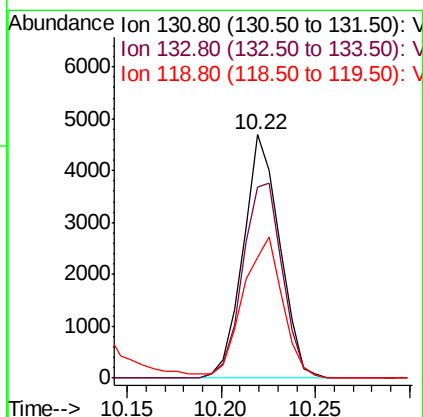
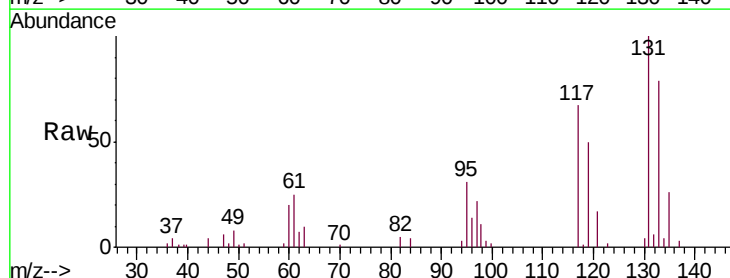
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

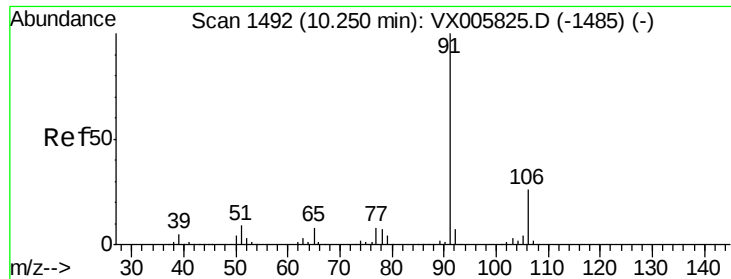
Tgt Ion:112 Resp: 17691
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 5.149 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

Tgt Ion:131 Resp: 6303
Ion Ratio Lower Upper
131 100
133 86.8 47.5 142.5
119 63.0 31.8 95.3





#67

Ethyl Benzene

Concen: 4.568 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

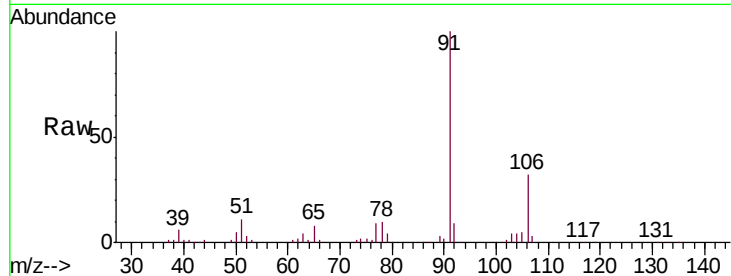
VSTDIC005

Tgt Ion: 91 Resp: 25794

Ion Ratio Lower Upper

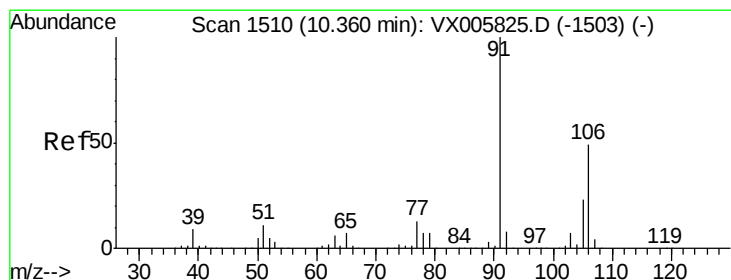
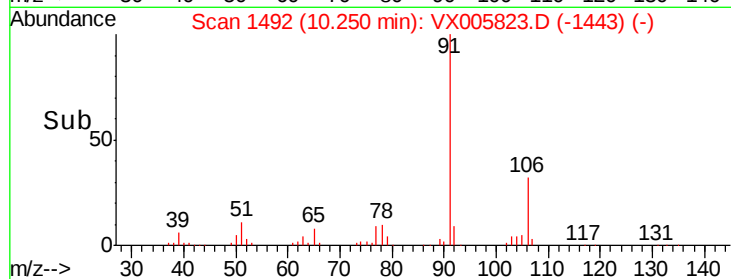
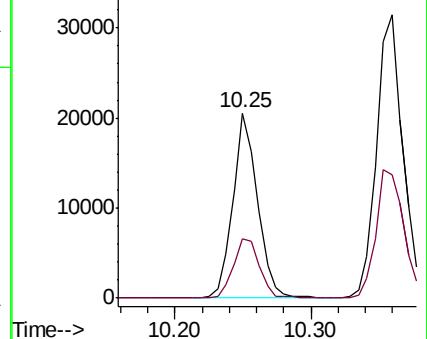
91 100

106 32.0 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX005825.D (-1485) (-)



#68

m/p-Xylenes

Concen: 9.512 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX005823.D

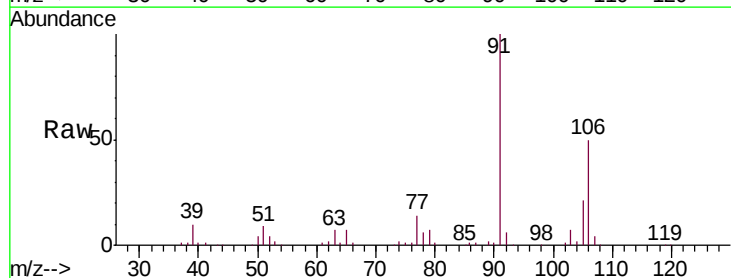
Acq: 07 Nov 2018 12:32

Tgt Ion: 106 Resp: 20486

Ion Ratio Lower Upper

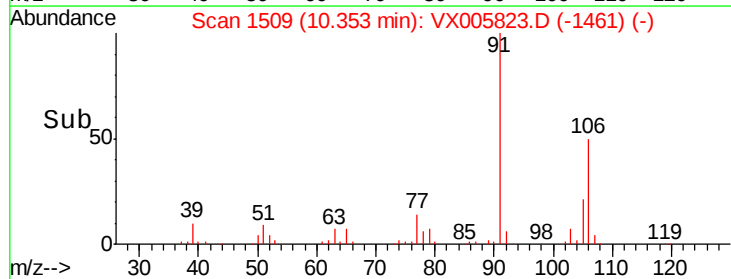
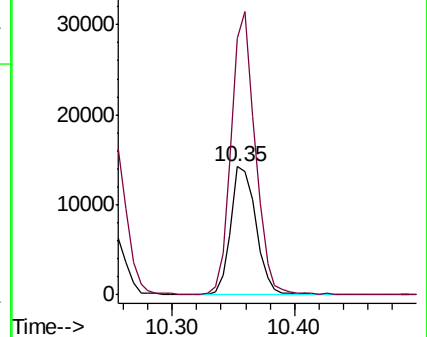
106 100

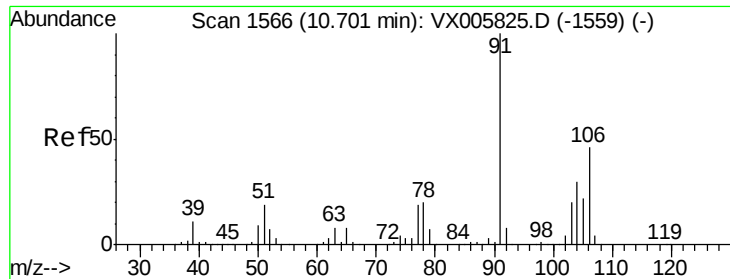
91 208.9 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005825.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX005825.D (-1503) (-)

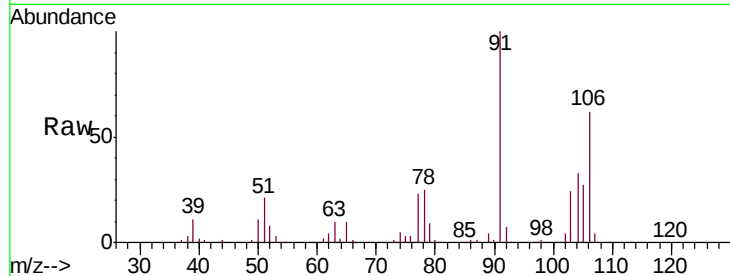




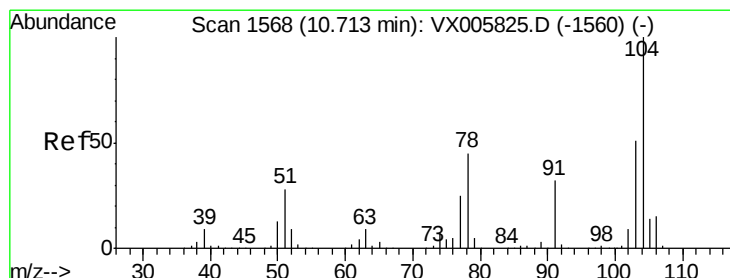
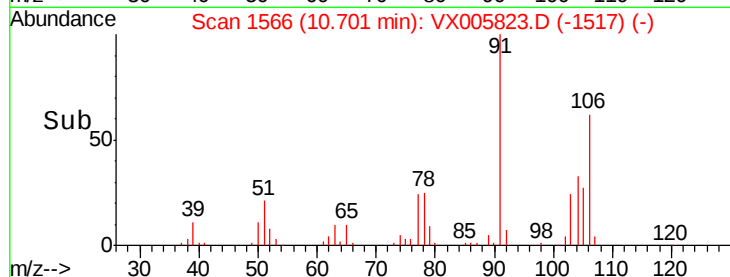
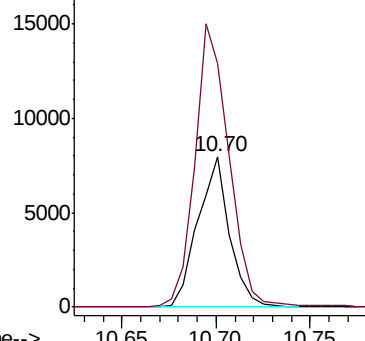
#69
o-Xylene
Concen: 4.804 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 9277
Ion Ratio Lower Upper
106 100
91 201.8 108.5 325.5

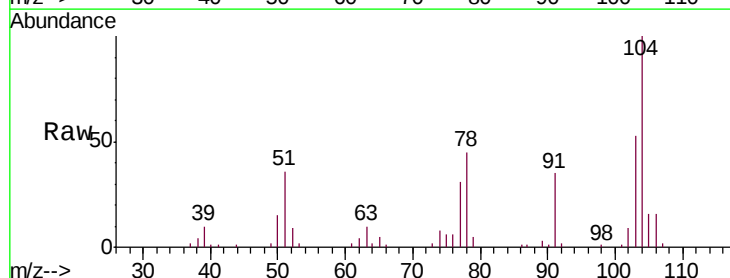


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

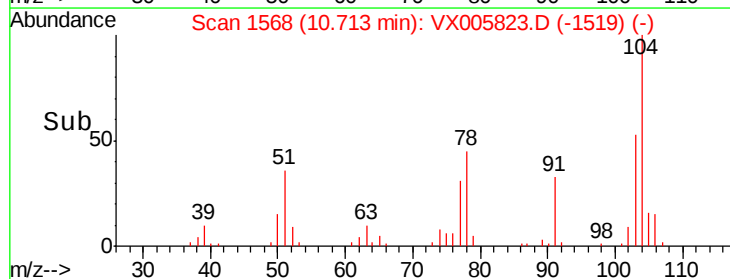
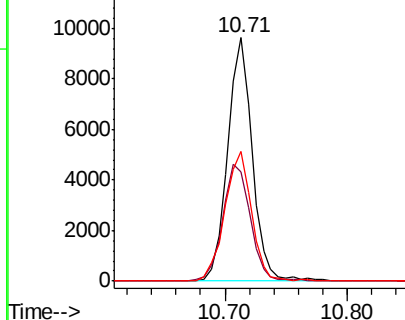


#70
Styrene
Concen: 4.189 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

Tgt Ion:104 Resp: 13345
Ion Ratio Lower Upper
104 100
78 53.9 40.2 60.4
103 57.5 44.9 67.3



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: 4.632 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

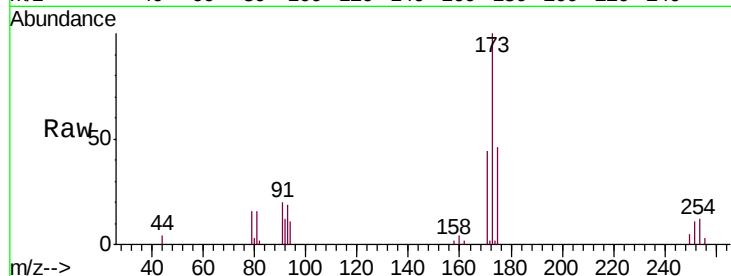
Tgt Ion:173 Resp: 4753

Ion Ratio Lower Upper

173 100

175 53.4 24.8 74.3

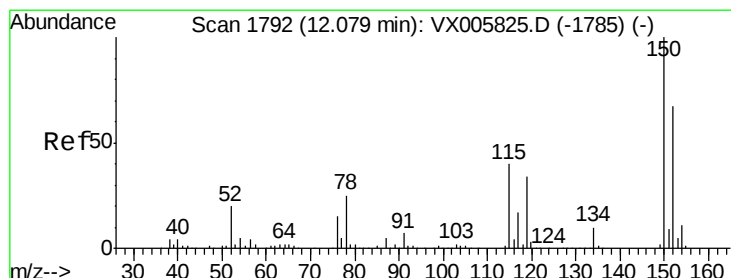
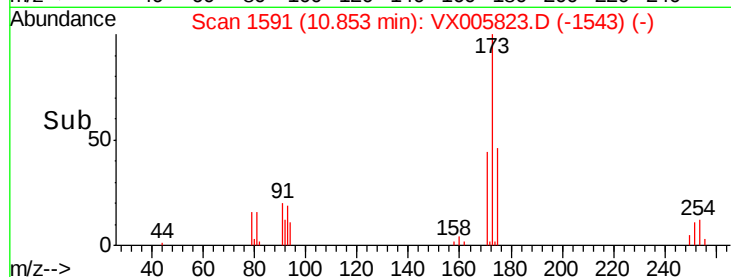
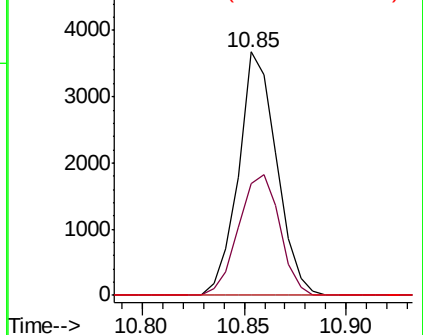
254 0.0 0.2 0.2#



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: VX005823.D

Acq: 07 Nov 2018 12:32

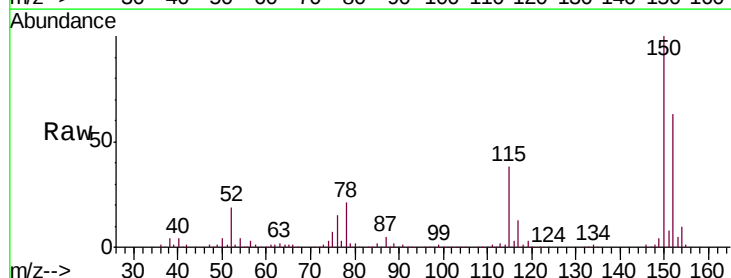
Tgt Ion:152 Resp: 89068

Ion Ratio Lower Upper

152 100

115 61.2 39.4 118.1

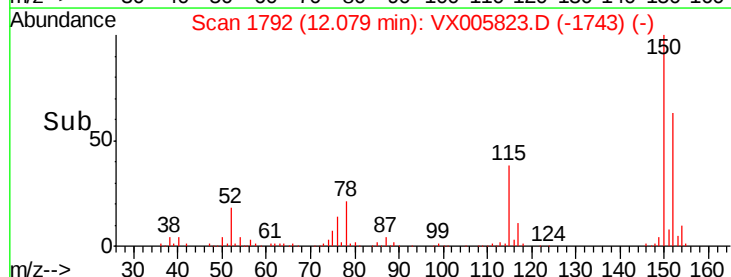
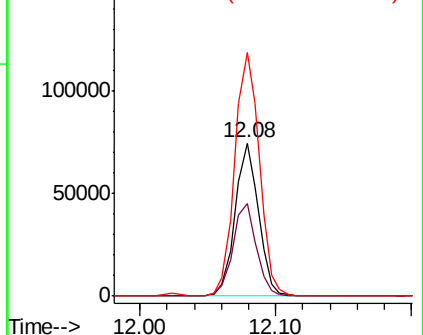
150 167.7 0.0 346.4

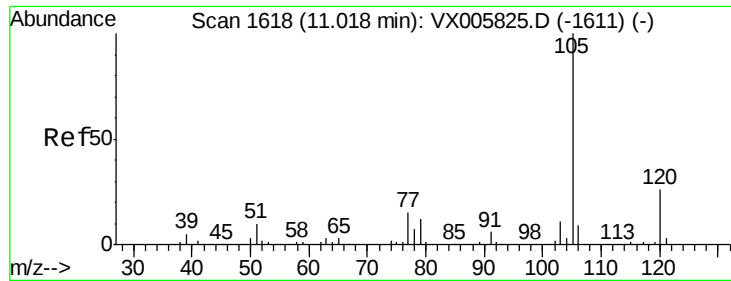


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.732 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

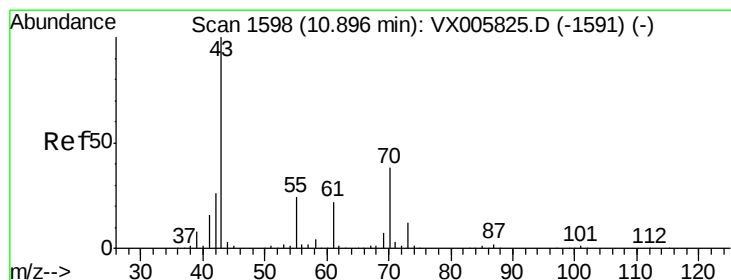
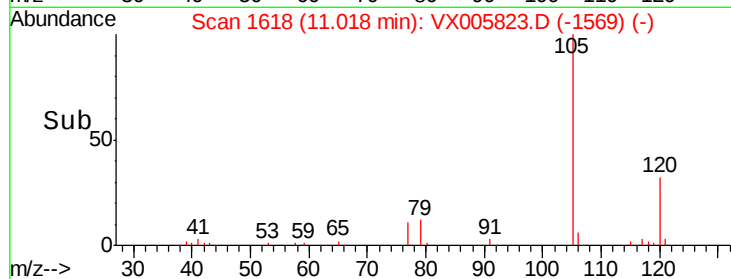
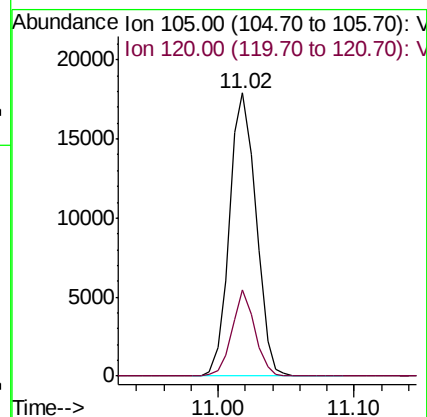
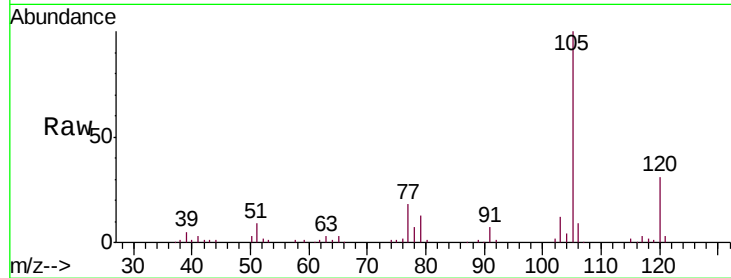
VSTDIC005

Tgt Ion: 105 Resp: 24371

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.3



#74

N-ethyl acetate

Concen: 5.130 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Tgt Ion: 43 Resp: 11499

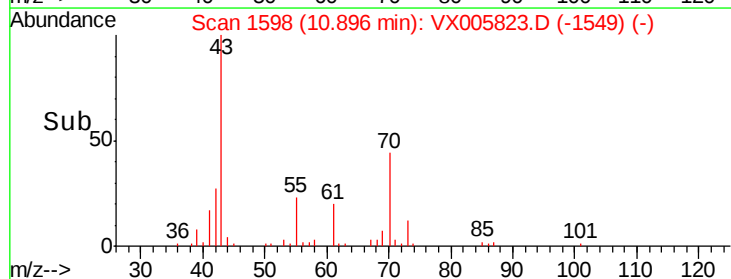
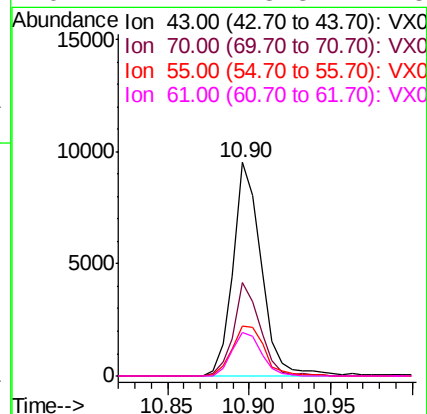
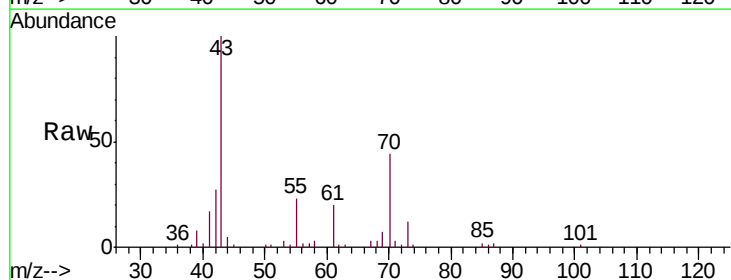
Ion Ratio Lower Upper

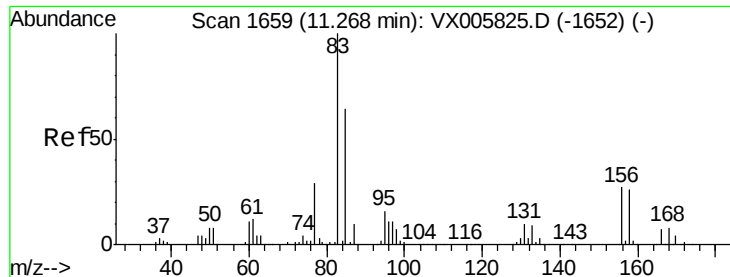
43 100

70 41.1 31.6 47.4

55 27.1 19.7 29.5

61 21.1 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 5.080 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

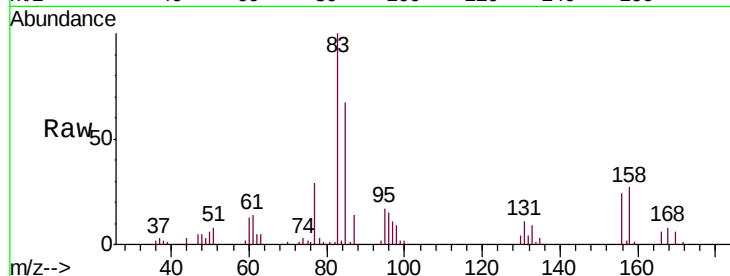
Tgt Ion: 83 Resp: 9604

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.9

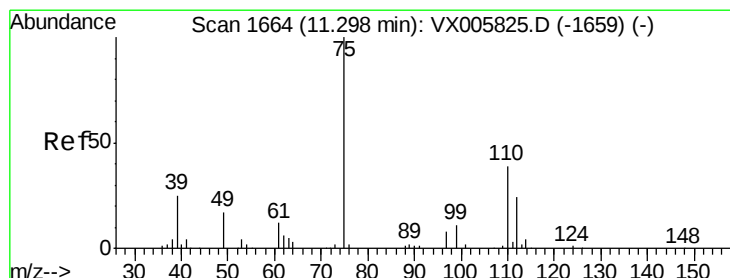
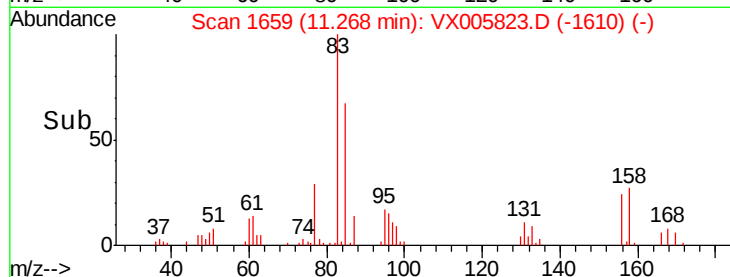
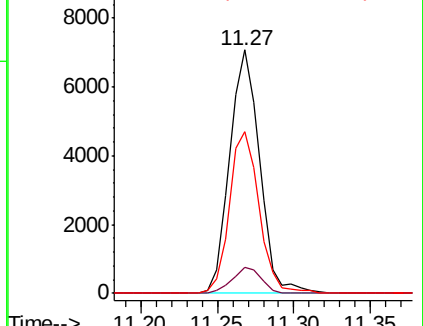
85 65.7 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 6.317 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005823.D

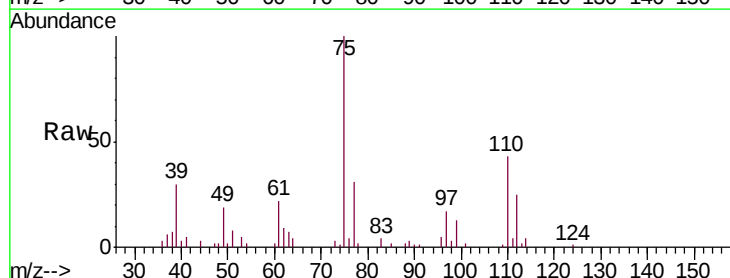
Acq: 07 Nov 2018 12:32

Tgt Ion: 75 Resp: 11457

Ion Ratio Lower Upper

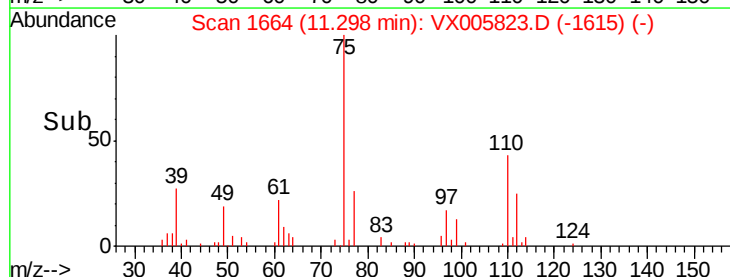
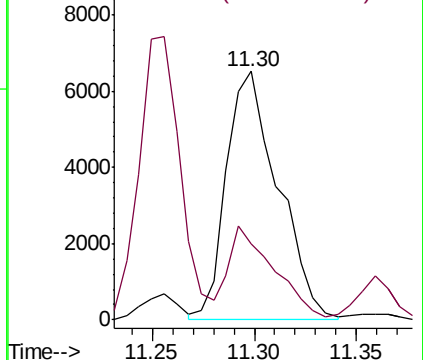
75 100

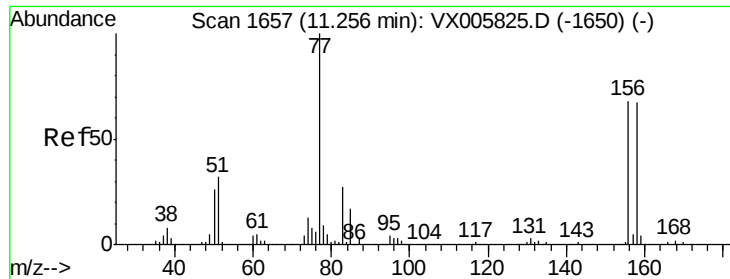
77 33.2 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.151 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

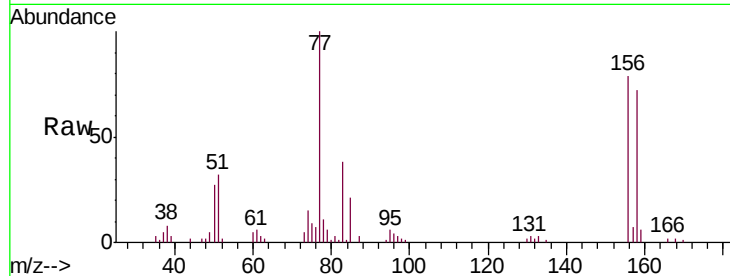
Tgt Ion:156 Resp: 7478

Ion Ratio Lower Upper

156 100

77 139.9 74.8 224.4

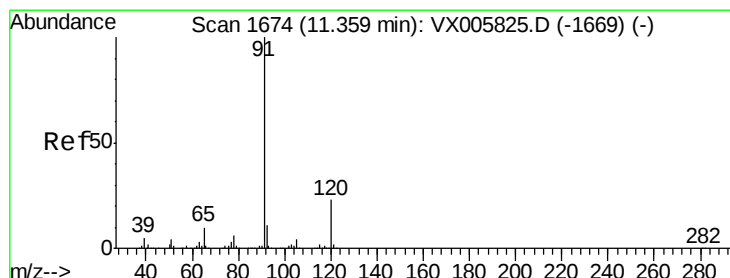
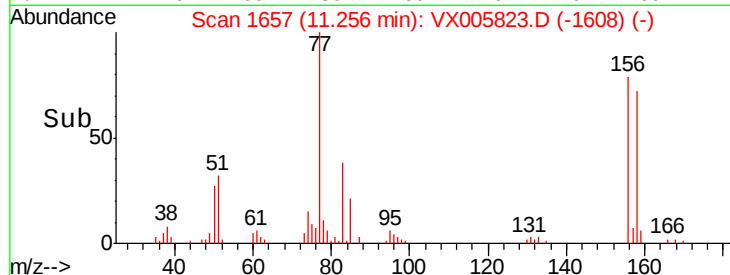
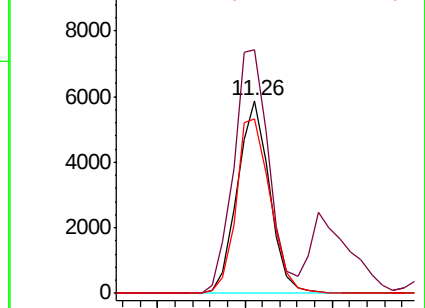
158 96.6 49.1 147.3



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: 5.066 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005823.D

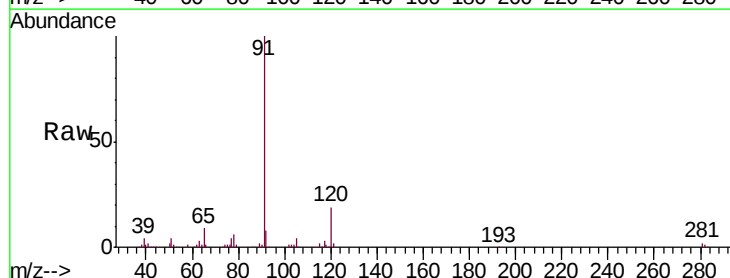
Acq: 07 Nov 2018 12:32

Tgt Ion: 91 Resp: 30754

Ion Ratio Lower Upper

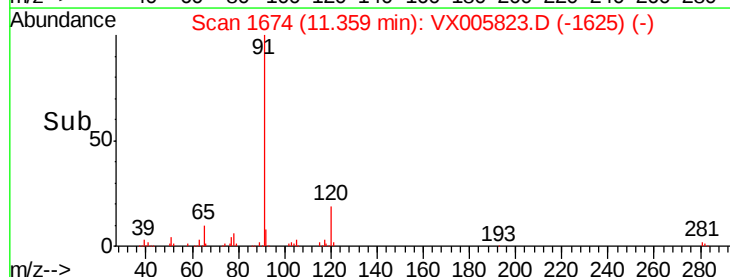
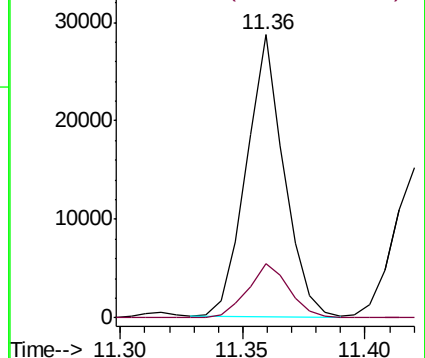
91 100

120 21.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

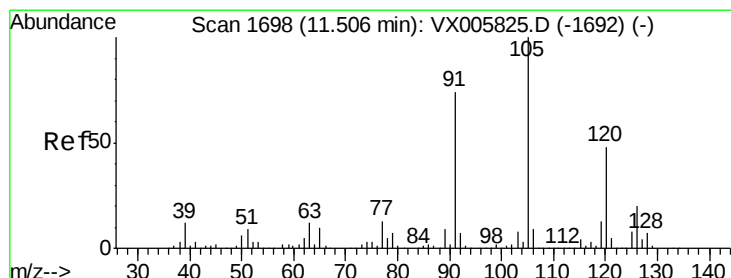
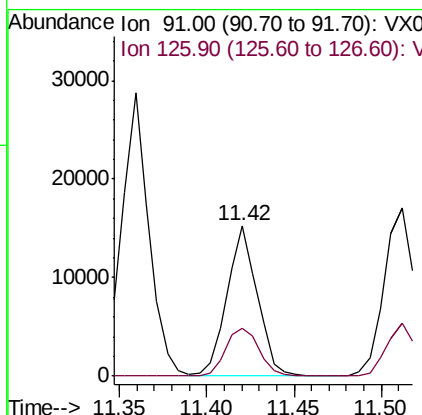
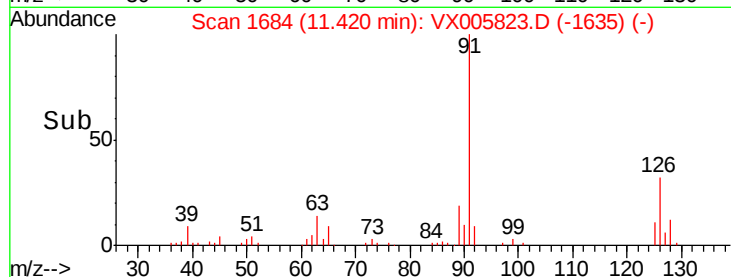
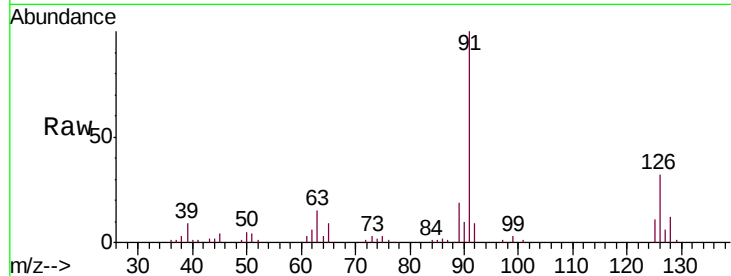




#79
 2-Chlorotoluene
 Concen: 4.961 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

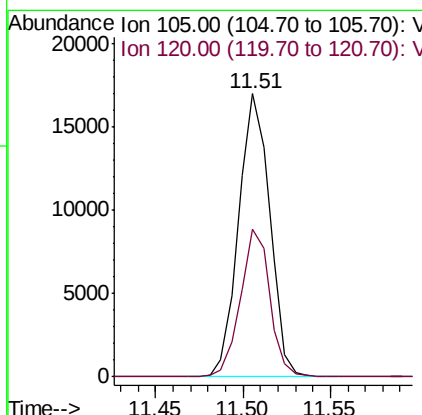
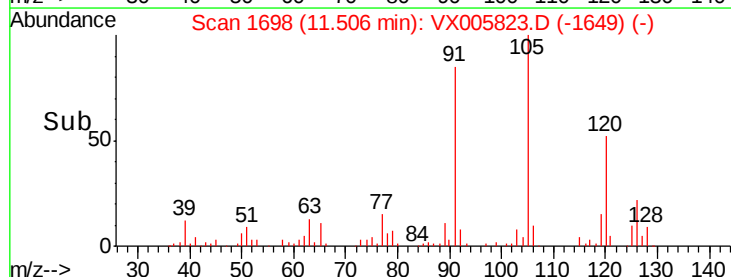
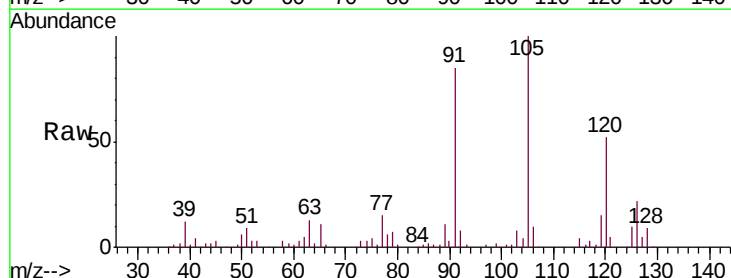
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 91 Resp: 18203
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 4.833 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

Tgt Ion: 105 Resp: 21155
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 4.413 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

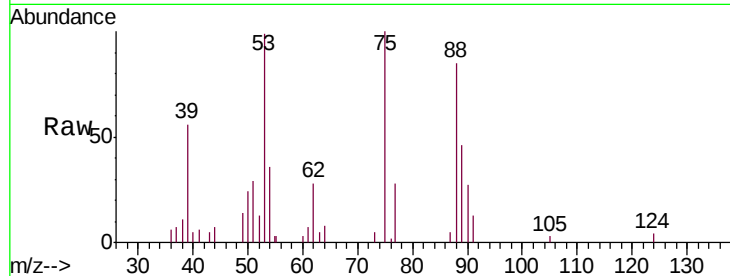
Tgt Ion: 75 Resp: 2511

Ion Ratio Lower Upper

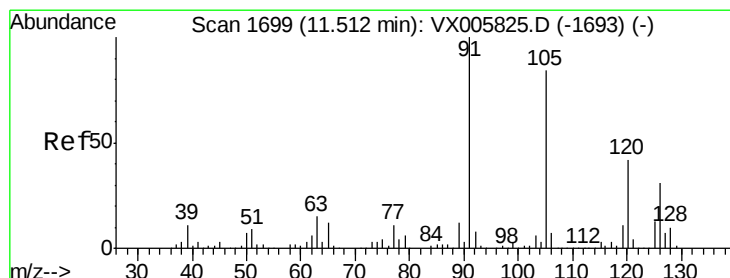
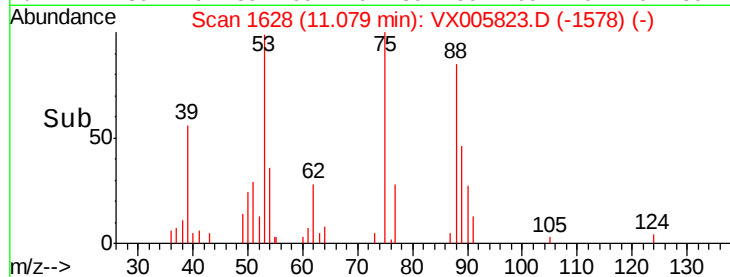
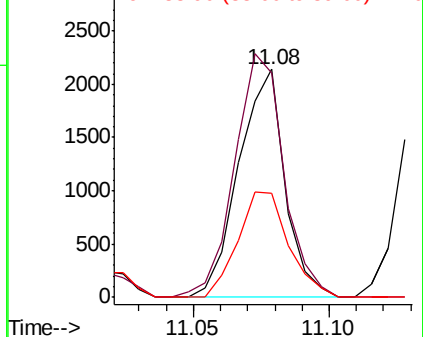
75 100

53 114.1 80.2 120.2

89 50.7 39.8 59.8



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: 4.881 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005823.D

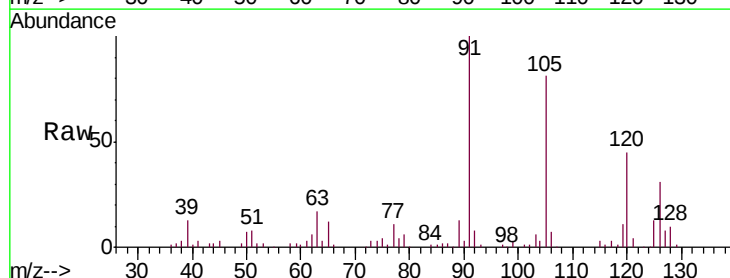
Acq: 07 Nov 2018 12:32

Tgt Ion: 91 Resp: 21106

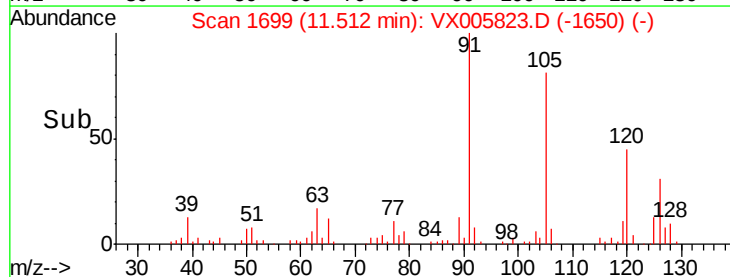
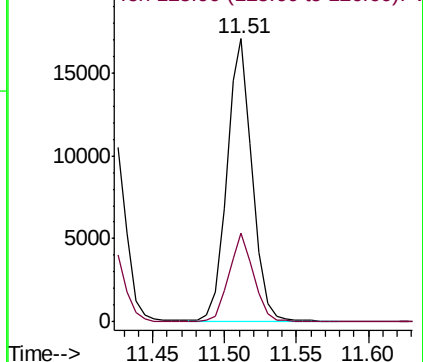
Ion Ratio Lower Upper

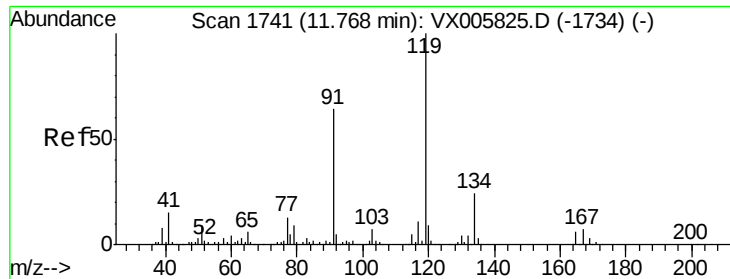
91 100

126 30.5 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

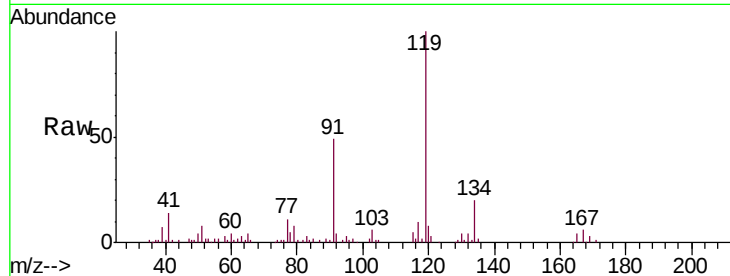




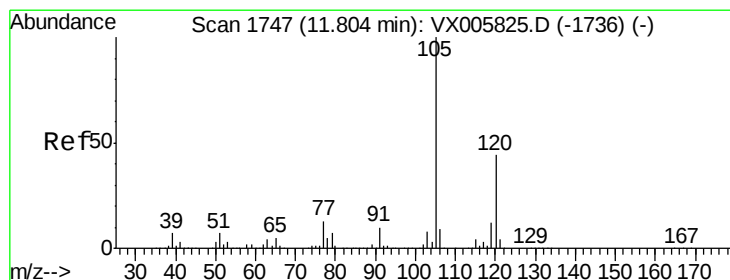
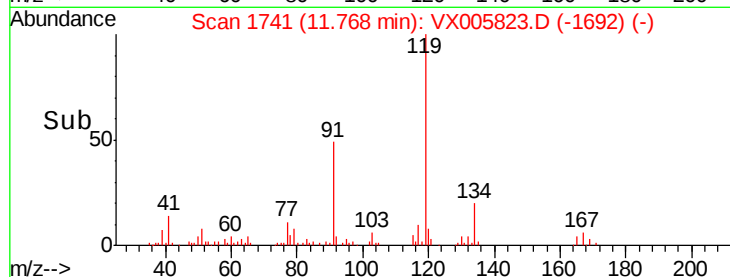
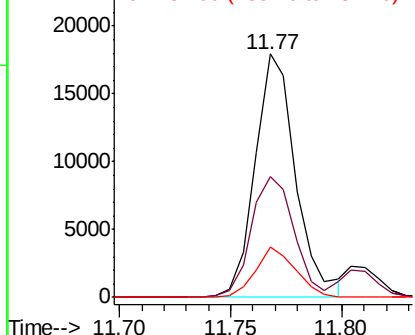
#83
 tert-Butylbenzene
 Concen: 5.147 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:119 Resp: 22790
 Ion Ratio Lower Upper
 119 100
 91 52.3 28.5 85.5
 134 20.4 11.3 33.8

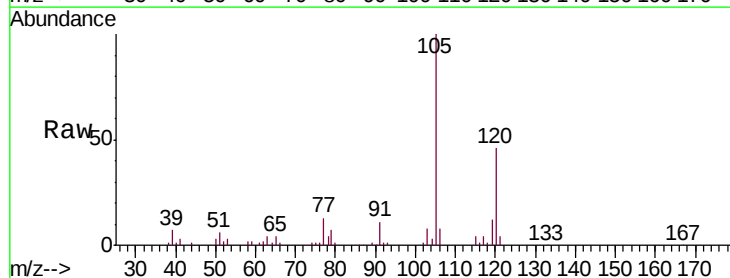


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

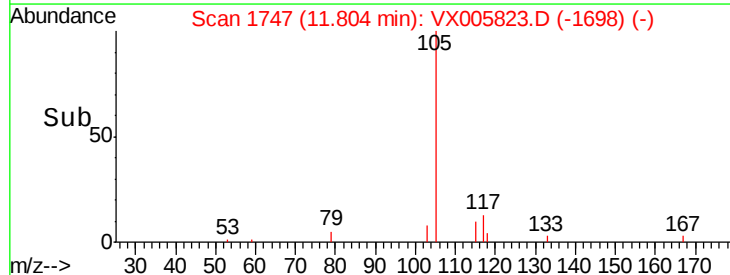
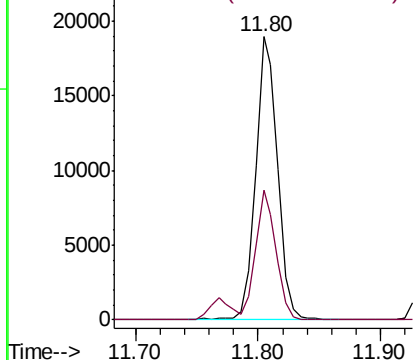


#84
 1,2,4-Trimethylbenzene
 Concen: 4.802 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

Tgt Ion:105 Resp: 23720
 Ion Ratio Lower Upper
 105 100
 120 42.7 22.4 67.0



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

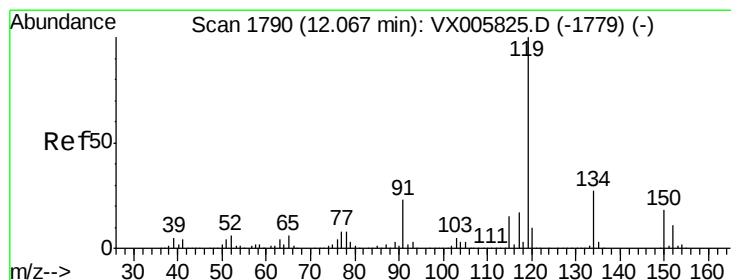
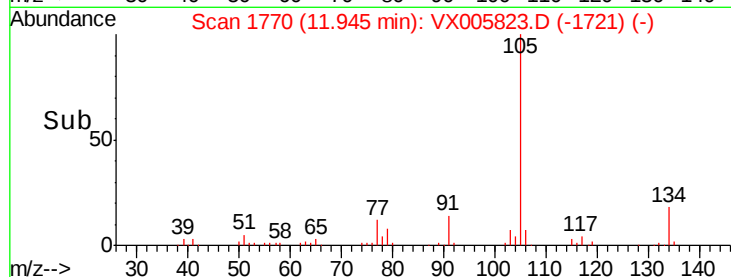
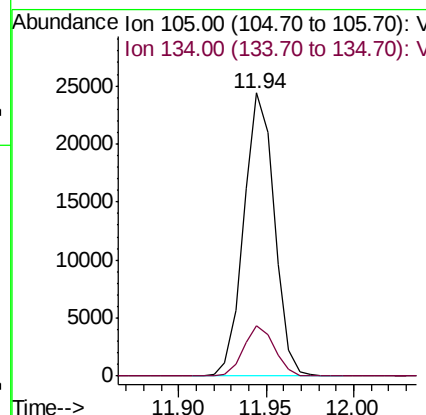
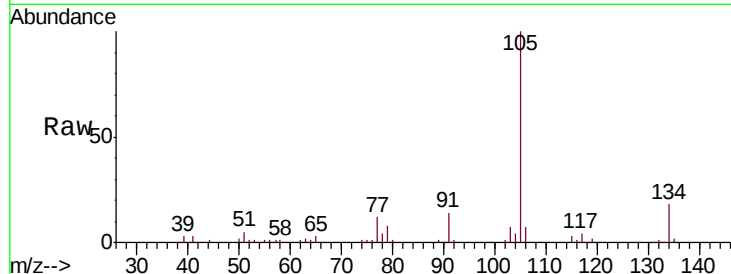




#85
 sec-Butylbenzene
 Concen: 5.468 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

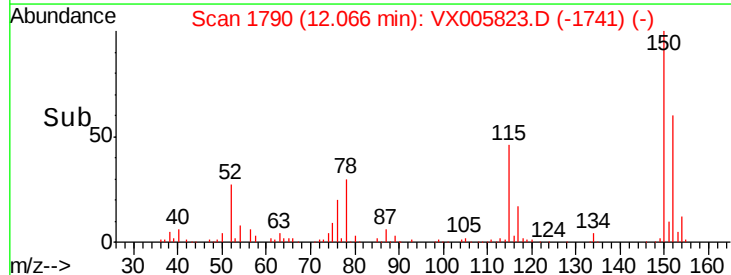
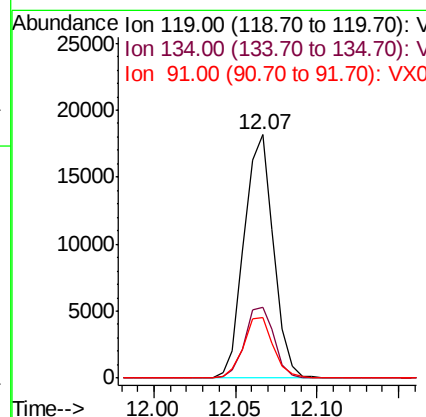
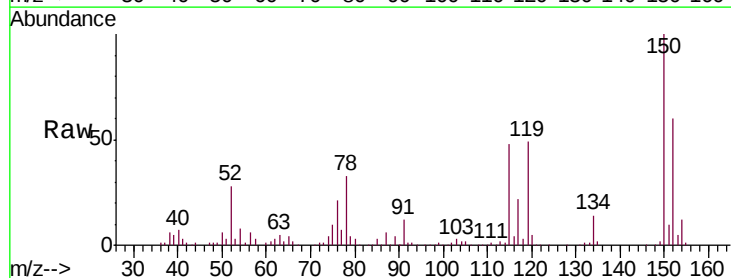
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 29607
 Ion Ratio Lower Upper
 105 100
 134 18.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 4.767 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

Tgt Ion:119 Resp: 22867
 Ion Ratio Lower Upper
 119 100
 134 29.0 13.0 39.0
 91 25.6 11.4 34.2

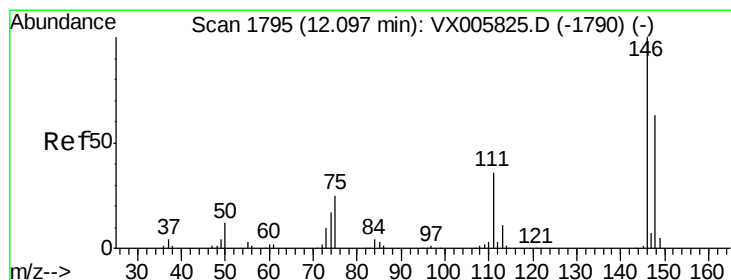
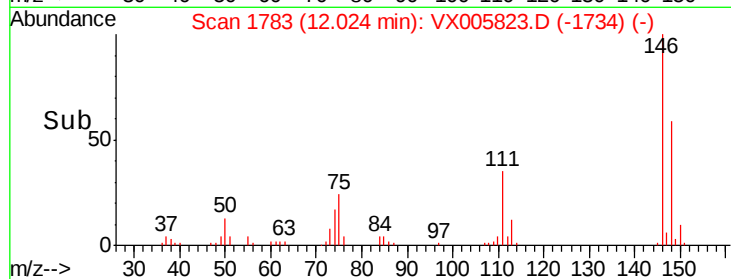
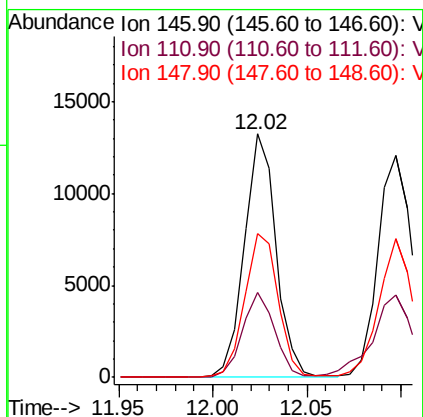
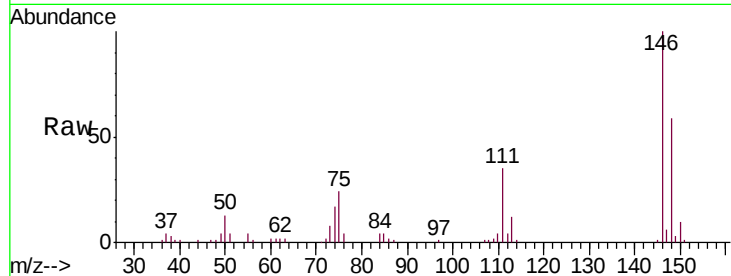




#87
 1,3-Dichlorobenzene
 Concen: 5.561 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

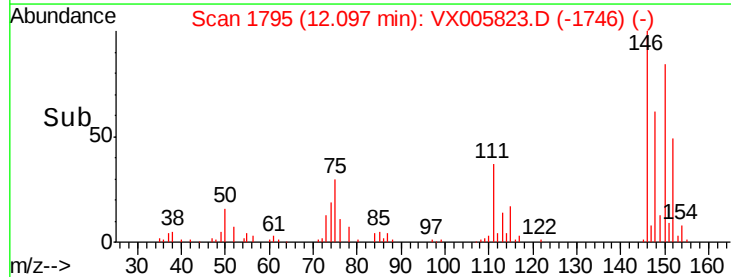
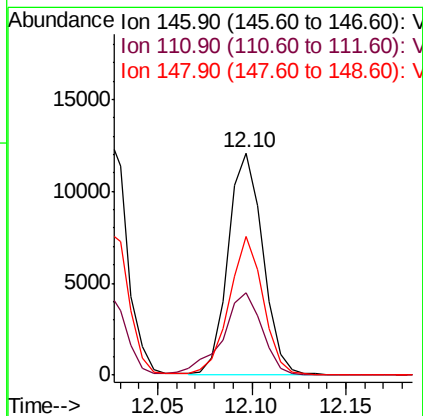
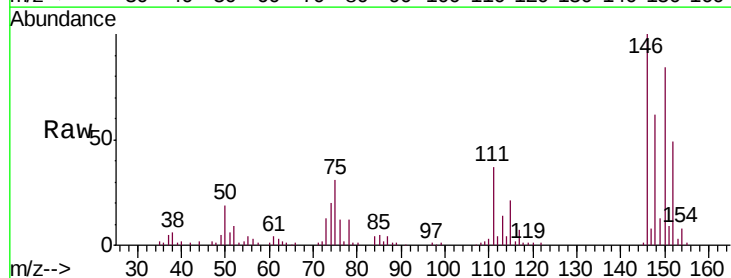
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

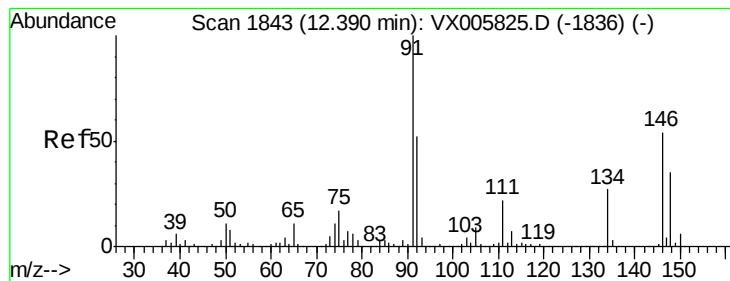
Tgt Ion:146 Resp: 15493
 Ion Ratio Lower Upper
 146 100
 111 35.2 19.0 57.0
 148 62.7 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 5.416 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

Tgt Ion:146 Resp: 15447
 Ion Ratio Lower Upper
 146 100
 111 42.4 18.6 55.8
 148 61.4 32.1 96.3





#89

n-Butylbenzene

Concen: 4.740 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005823.D

Acq: 07 Nov 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

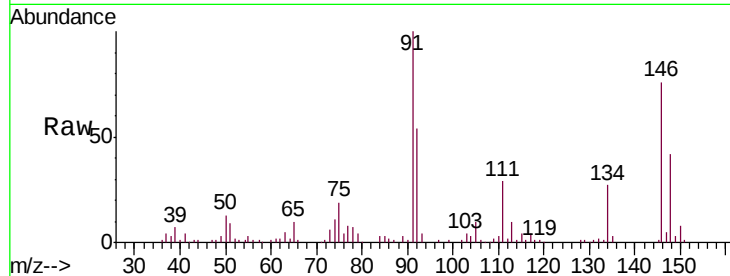
Tgt Ion: 91 Resp: 21072

Ion Ratio Lower Upper

91 100

92 53.0 26.1 78.2

134 25.7 13.1 39.3

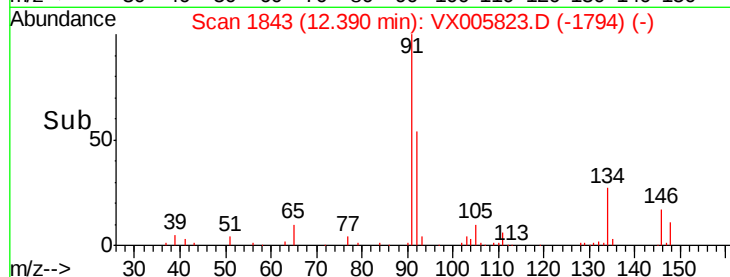


Abundance Ion 91.00 (90.70 to 91.70): VX005823.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX005823.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX005823.D (-1836) (-)

Time-->

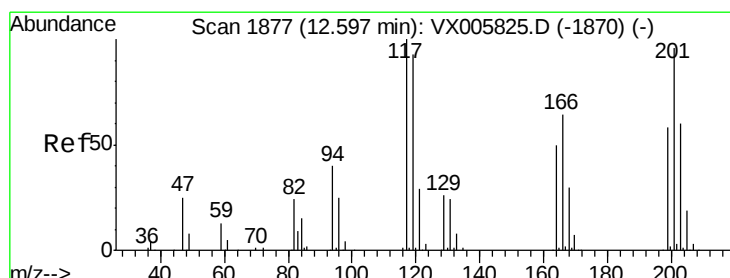


Abundance Ion 91.00 (90.70 to 91.70): VX005823.D (-1794) (-)

Ion 92.00 (91.70 to 92.70): VX005823.D (-1794) (-)

Ion 134.00 (133.70 to 134.70): VX005823.D (-1794) (-)

Time-->



#90

Hexachloroethane

Concen: 4.376 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005823.D

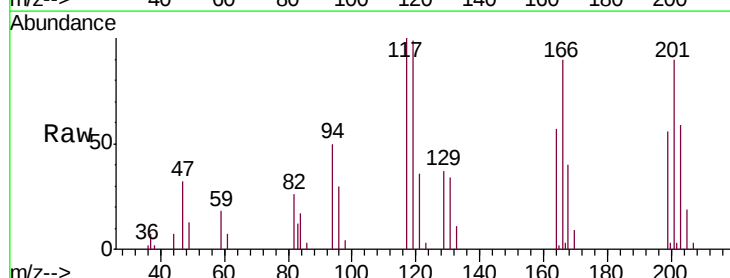
Acq: 07 Nov 2018 12:32

Tgt Ion: 117 Resp: 3504

Ion Ratio Lower Upper

117 100

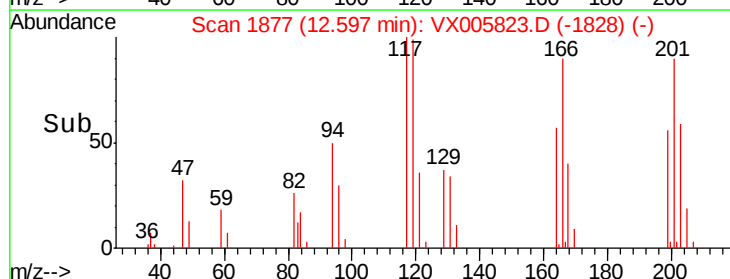
201 93.5 47.9 143.6



Abundance Ion 116.80 (116.50 to 117.50): VX005823.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX005823.D (-1870) (-)

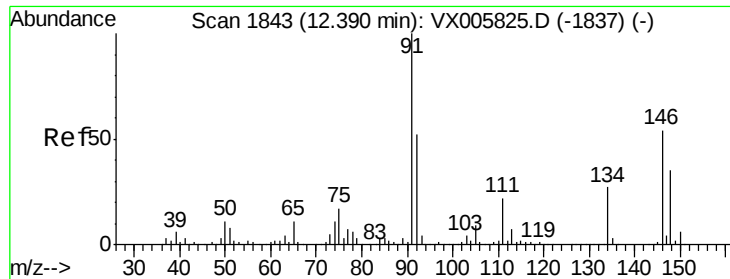
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX005823.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX005823.D (-1828) (-)

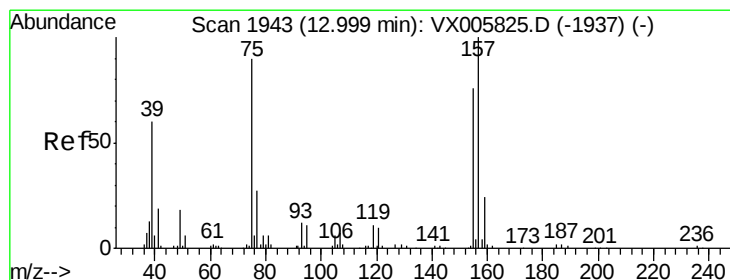
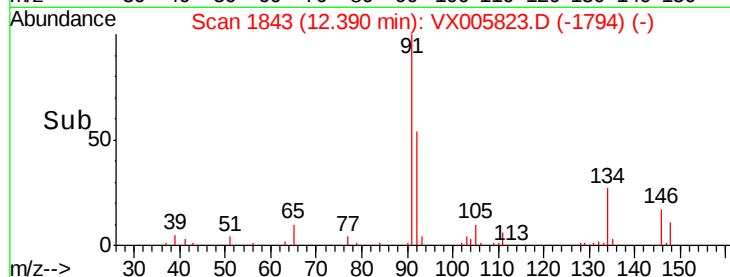
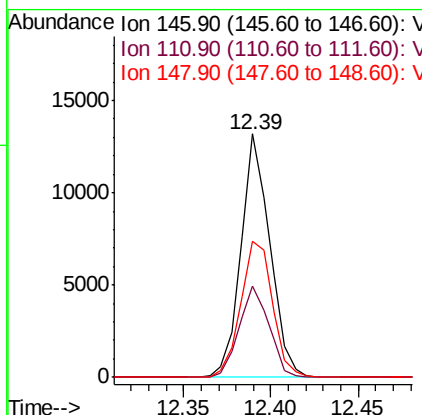
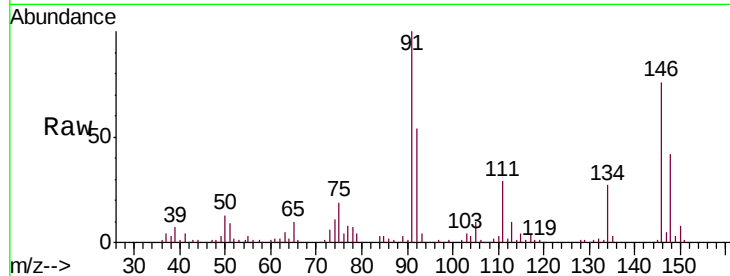
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 5.437 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

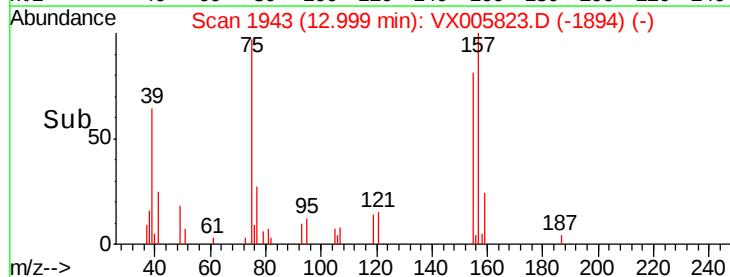
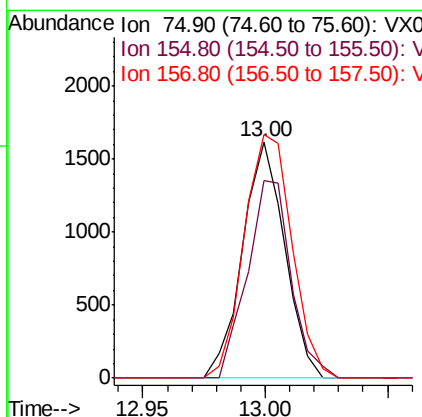
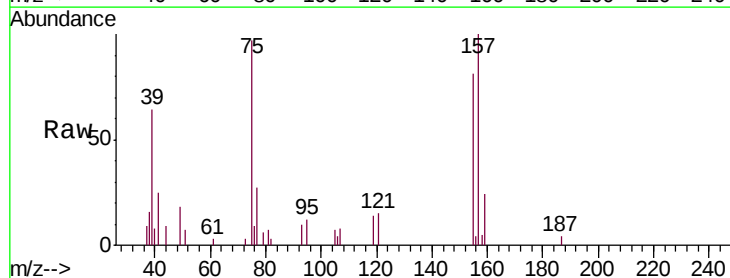
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

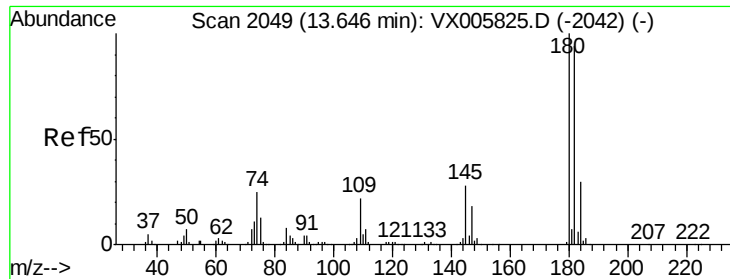
Tgt Ion: 146 Resp: 15176
 Ion Ratio Lower Upper
 146 100
 111 38.6 20.0 59.9
 148 61.1 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.218 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

Tgt Ion: 75 Resp: 1946
 Ion Ratio Lower Upper
 75 100
 155 87.0 45.4 136.1
 157 116.4 57.4 172.0

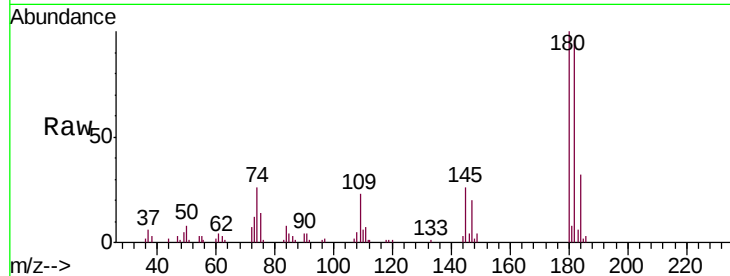




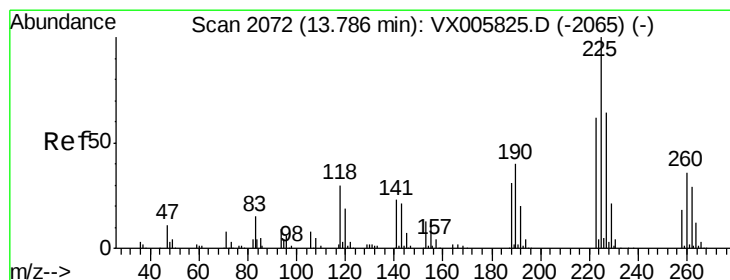
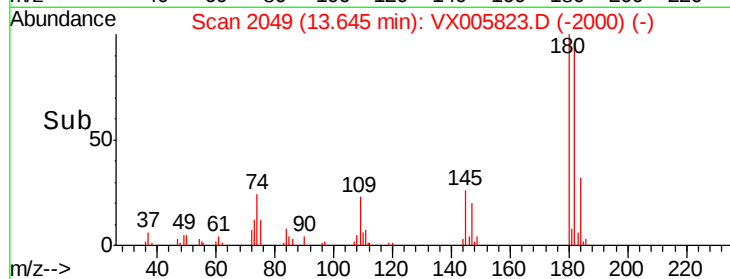
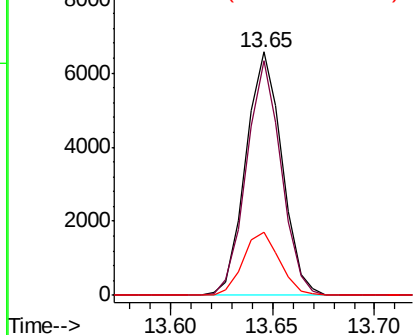
#93
 1,2,4-Trichlorobenzene
 Concen: 4.119 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 8094
 Ion Ratio Lower Upper
 180 100
 182 92.3 47.6 142.8
 145 26.4 14.1 42.2

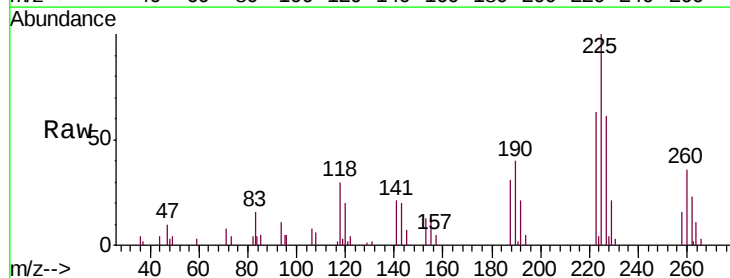


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

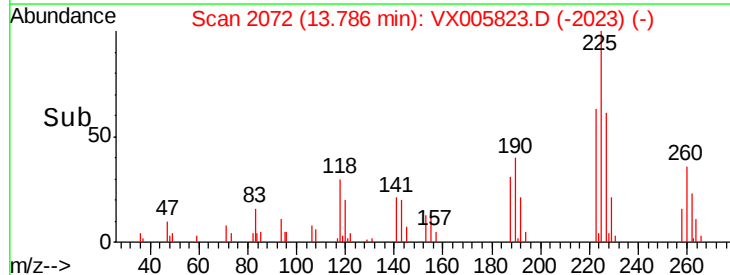
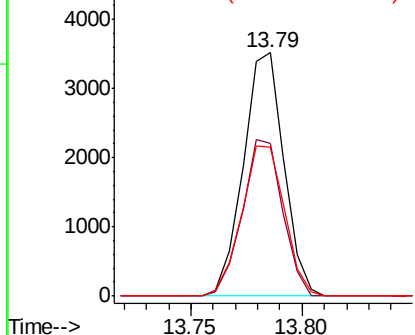


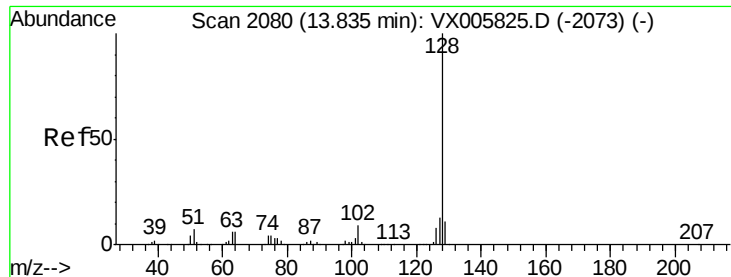
#94
 Hexachlorobutadiene
 Concen: 4.333 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005823.D
 Acq: 07 Nov 2018 12:32

Tgt Ion:225 Resp: 4472
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.7 95.1
 227 65.3 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

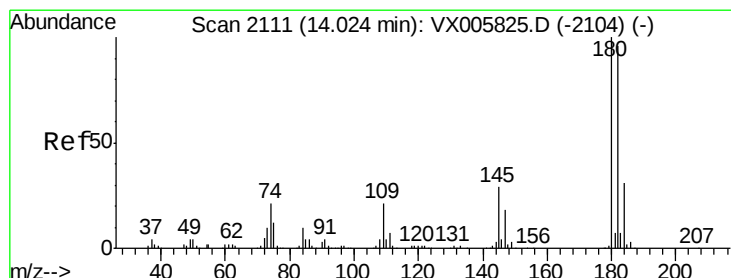
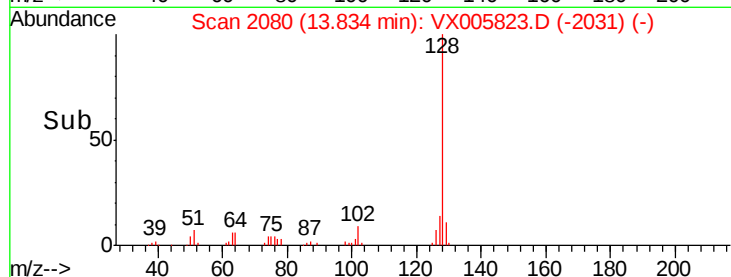
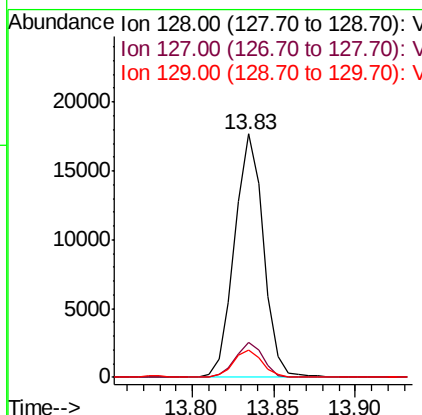
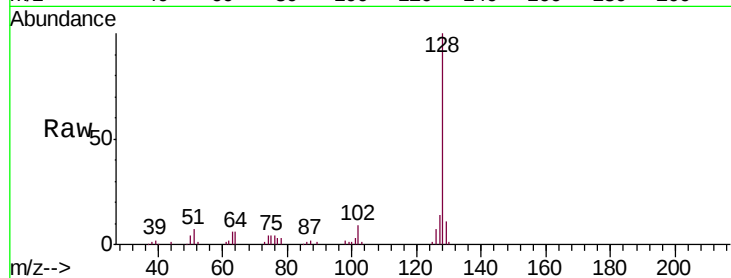




#95
Naphthalene
Concen: 4.497 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 21787
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.179 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005823.D
Acq: 07 Nov 2018 12:32

Tgt Ion:180 Resp: 8365
Ion Ratio Lower Upper
180 100
182 97.2 48.0 144.2
145 30.5 15.1 45.3

