

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
 Data File : VX004725.D
 Acq On : 26 Sep 2018 13:21
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 26 13:45:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 13:18:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	300019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	386680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	355238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229125	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	405930	88.61	ug/l	0.00
Spiked Amount			Recovery	=	177.22%	
35) Dibromofluoromethane	5.50	113	332167	96.74	ug/l	0.00
Spiked Amount			Recovery	=	193.48%	
50) Toluene-d8	8.72	98	1123453	109.84	ug/l	0.00
Spiked Amount			Recovery	=	219.68%	
62) 4-Bromofluorobenzene	11.14	95	431641	117.15	ug/l	0.00
Spiked Amount			Recovery	=	234.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	434470	90.238	ug/l	99
3) Chloromethane	1.32	50	451577	85.098	ug/l	99
4) Vinyl Chloride	1.40	62	461148	92.504	ug/l	96
5) Bromomethane	1.64	94	242610	84.695	ug/l	96
6) Chloroethane	1.70	64	242620	88.981	ug/l	97
7) Trichlorofluoromethane	1.92	101	538753	84.426	ug/l	97
8) Diethyl Ether	2.19	74	240191	98.865	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	302225	95.021	ug/l	98
10) Methyl Iodide	2.50	142	428925	83.259	ug/l	96
11) Tert butyl alcohol	3.10	59	587798	484.352	ug/l	100
12) 1,1-Dichloroethene	2.36	96	301566	95.835	ug/l	96
13) Acrolein	2.29	56	459881	551.535	ug/l	96
14) Allyl chloride	2.72	41	719806	98.230	ug/l	90
15) Acrylonitrile	3.15	53	1242400	449.555	ug/l	97
16) Acetone	2.45	43	1127740	432.619	ug/l	97
17) Carbon Disulfide	2.56	76	947836	94.382	ug/l	99
18) Methyl Acetate	2.78	43	608082	95.802	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	1025707	92.697	ug/l	93
20) Methylene Chloride	2.85	84	329783	79.806	ug/l	89
21) trans-1,2-Dichloroethene	3.15	96	324239	87.595	ug/l	90
22) Diisopropyl ether	3.87	45	1217958	98.595	ug/l	94
23) Vinyl Acetate	3.82	43	5528836	471.733	ug/l	97
24) 1,1-Dichloroethane	3.70	63	656978	88.263	ug/l	97
25) 2-Butanone	4.71	43	1802822	475.710	ug/l	94
26) 2,2-Dichloropropane	4.58	77	482954	97.662	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	363756	88.109	ug/l	90
28) Bromochloromethane	5.01	49	314609	96.309	ug/l	91
29) Tetrahydrofuran	5.16	42	1185979	484.485	ug/l	92
30) Chloroform	5.21	83	669371	103.403	ug/l	95
31) Cyclohexane	5.57	56	551580	90.444	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	518109	93.655	ug/l	98
36) 1,1-Dichloropropene	5.80	75	465474	106.842	ug/l	99
37) Ethyl Acetate	4.86	43	659866	110.824	ug/l	95
38) Carbon Tetrachloride	5.78	117	467029	101.651	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	504832	113.029	ug/l	94
40) Benzene	6.14	78	1432922	106.783	ug/l	96
41) Methacrylonitrile	5.07	41	356161	103.866	ug/l	95
42) 1,2-Dichloroethane	6.20	62	509422	105.791	ug/l	98
43) Isopropyl Acetate	6.46	43	916705	99.973	ug/l	99
44) Trichloroethene	7.21	130	337826	108.072	ug/l	92
45) 1,2-Dichloropropane	7.51	63	347399	108.209	ug/l	94
46) Dibromomethane	7.66	93	213230	106.546	ug/l	98
47) Bromodichloromethane	7.90	83	414711	108.215	ug/l	98
48) Methyl methacrylate	7.78	41	441238	111.530	ug/l	93
49) 1,4-Dioxane	7.76	88	204791	2063.268	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	2963840	546.367	ug/l	96
52) Toluene	8.79	92	775274	100.496	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	489299	101.398	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	518603	109.777	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	320719	95.267	ug/l	97
56) Ethyl methacrylate	9.18	69	538642	105.119	ug/l	94
57) 1,3-Dichloropropane	9.37	76	544732	94.604	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1467357	535.729	ug/l	94
59) 2-Hexanone	9.50	43	2416357	498.942	ug/l	94
60) Dibromochloromethane	9.59	129	346540	94.215	ug/l	100
61) 1,2-Dibromoethane	9.68	107	341236	89.268	ug/l	99
64) Tetrachloroethene	9.34	164	317051	89.062	ug/l	97
65) Chlorobenzene	10.14	112	886037	99.174	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	321627	103.067	ug/l	99
67) Ethyl Benzene	10.26	91	1528303	106.967	ug/l	98
68) m/p-Xylenes	10.36	106	1194284	204.331	ug/l	96
69) o-Xylene	10.70	106	577757	109.254	ug/l	97
70) Styrene	10.71	104	986800	109.048	ug/l	97
71) Bromoform	10.86	173	301246	107.463	ug/l	98
73) Isopropylbenzene	11.02	105	1523113	94.568	ug/l	100
74) N-amyl acetate	10.90	43	793123	100.818	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	571960	98.719	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	673489	126.857	ug/l	88
77) Bromobenzene	11.26	156	420164	96.117	ug/l	98
78) n-propylbenzene	11.36	91	1796520	96.464	ug/l	99
79) 2-Chlorotoluene	11.42	91	1085864	97.139	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	1327238	95.685	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	186309	105.633	ug/l	97
82) 4-Chlorotoluene	11.51	91	1277465	96.078	ug/l	100
83) tert-Butylbenzene	11.77	119	1302551	98.695	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1371995	96.137	ug/l	98
85) sec-Butylbenzene	11.95	105	1554391	96.775	ug/l	99
86) p-Isopropyltoluene	12.07	119	1410106	96.601	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	785734	96.974	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	800687	97.359	ug/l	100
89) n-Butylbenzene	12.39	91	1308274	99.629	ug/l	98
90) Hexachloroethane	12.60	117	226154	103.470	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	796651	96.257	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	130919	100.357	ug/l	98

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MSVOA_X
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Quant Title : SW846 8260
QLast Update : Wed Sep 26 13:18:49 2018
Response via : Initial Calibration

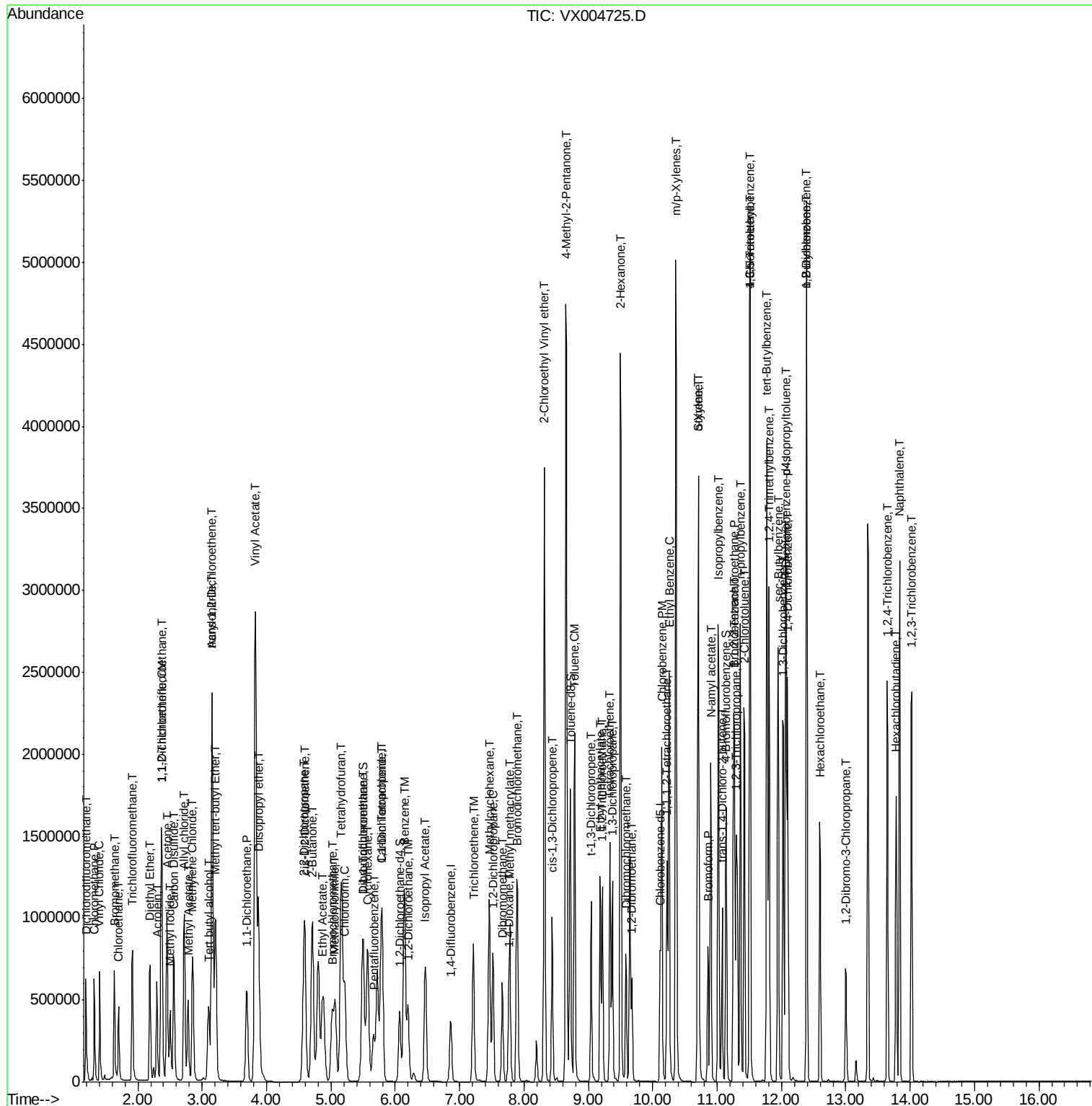
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	609974	100.284	ug/l	99
94) Hexachlorobutadiene	13.79	225	288906	98.970	ug/l	96
95) Naphthalene	13.83	128	1937347	99.302	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	620345	98.976	ug/l	99

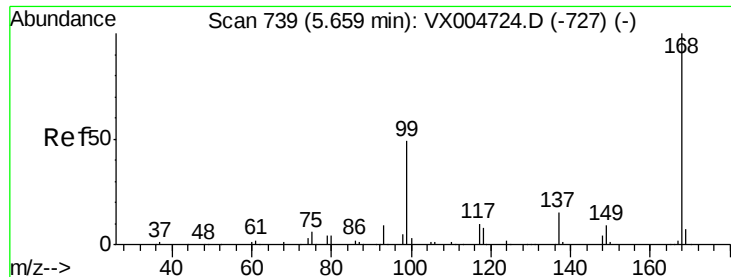
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004725.D
Acq On    : 26 Sep 2018   13:21
Operator  : JC/MD
Sample    : VSTDICC100
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 6      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Sep 26 13:45:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 13:18:49 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

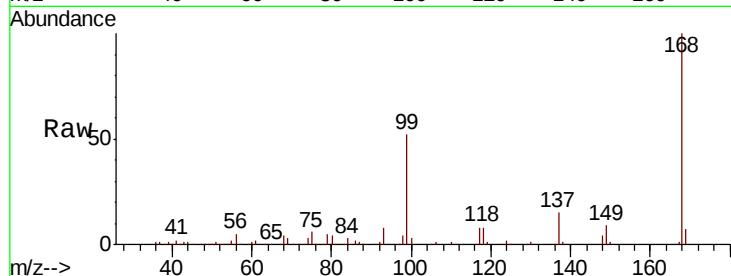
VSTDIC100

Tgt Ion:168 Resp: 300019

Ion Ratio Lower Upper

168 100

99 51.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

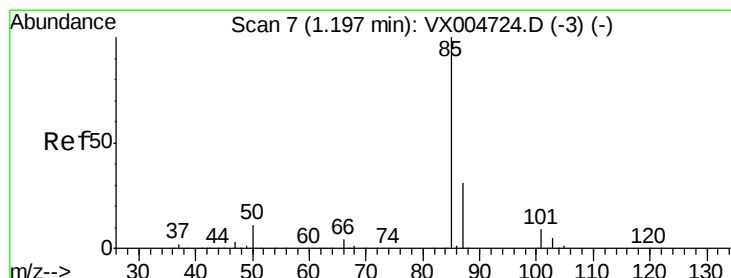
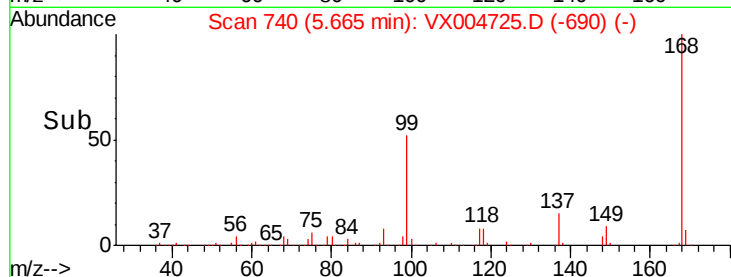
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 90.238 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX004725.D

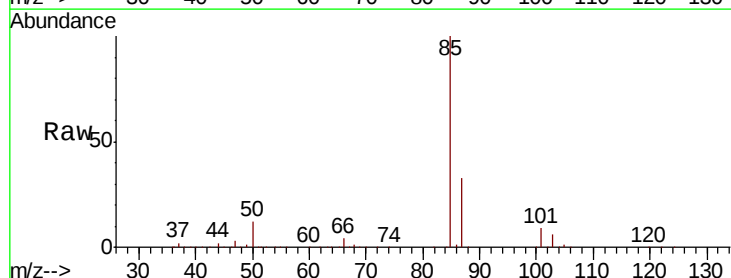
Acq: 26 Sep 2018 13:21

Tgt Ion: 85 Resp: 434470

Ion Ratio Lower Upper

85 100

87 33.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400000

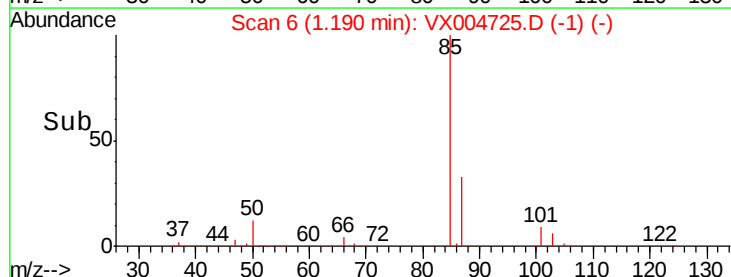
300000

200000

100000

0

Time-->





#3

Chloromethane

Concen: 85.098 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

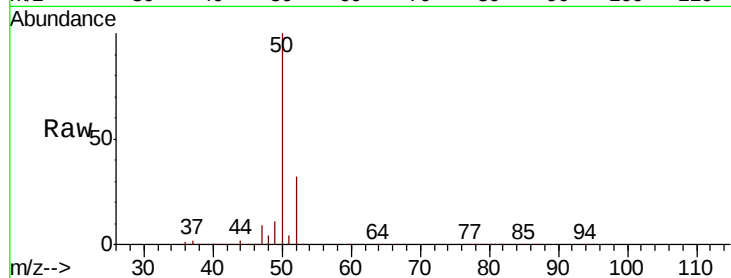
VSTDIC100

Tgt Ion: 50 Resp: 451577

Ion Ratio Lower Upper

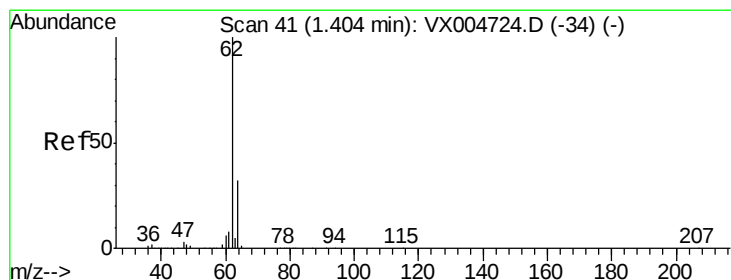
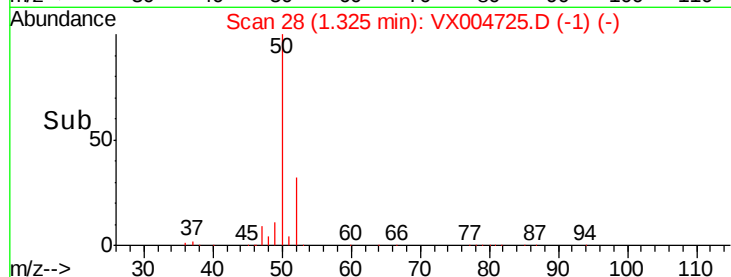
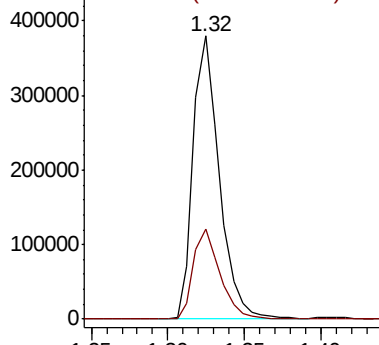
50 100

52 31.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 92.504 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004725.D

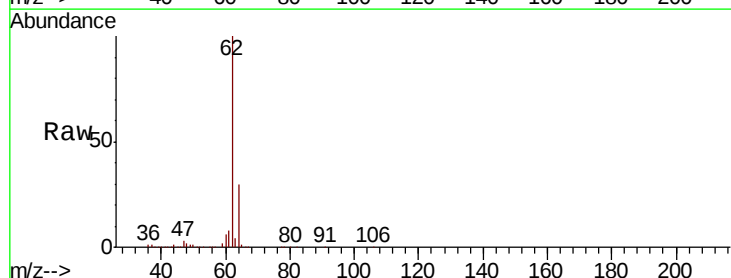
Acq: 26 Sep 2018 13:21

Tgt Ion: 62 Resp: 461148

Ion Ratio Lower Upper

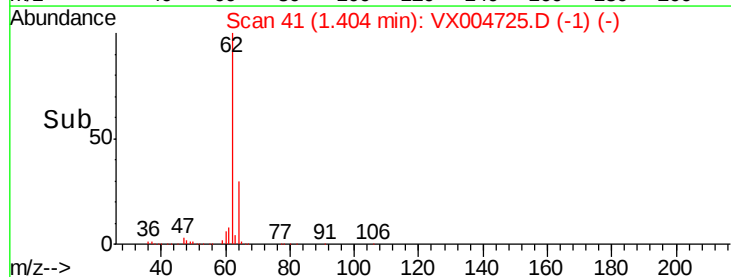
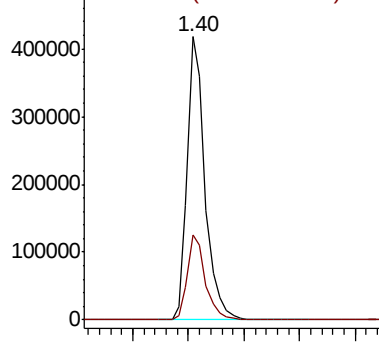
62 100

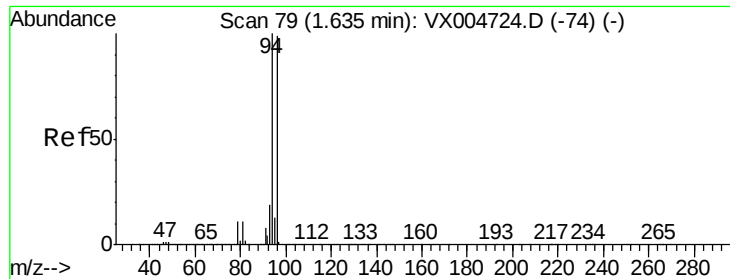
64 30.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 84.695 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

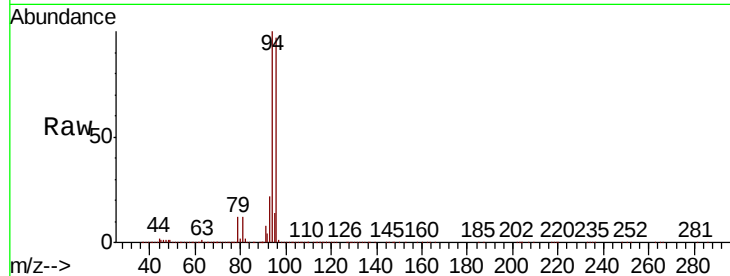
VSTDIC100

Tgt Ion: 94 Resp: 242610

Ion Ratio Lower Upper

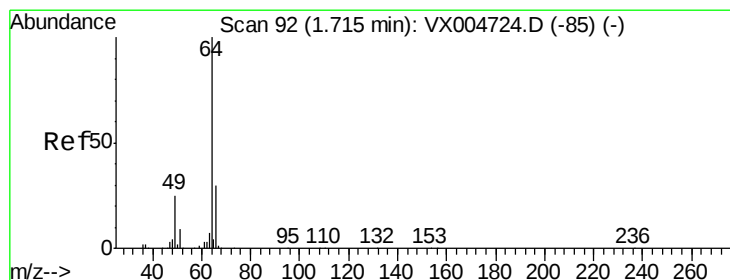
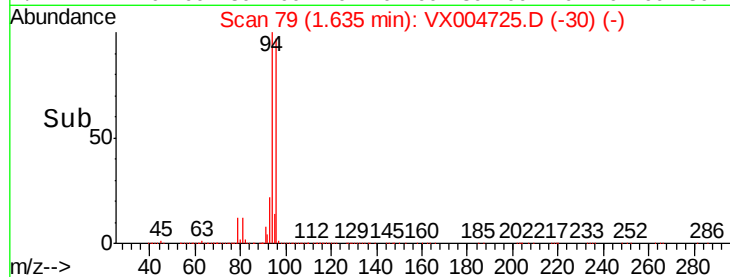
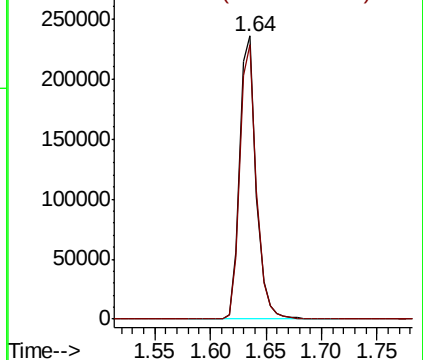
94 100

96 96.8 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 88.981 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX004725.D

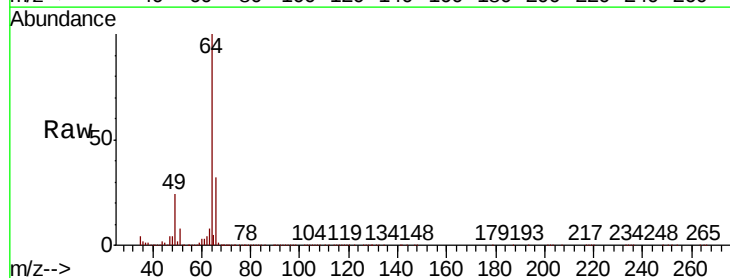
Acq: 26 Sep 2018 13:21

Tgt Ion: 64 Resp: 242620

Ion Ratio Lower Upper

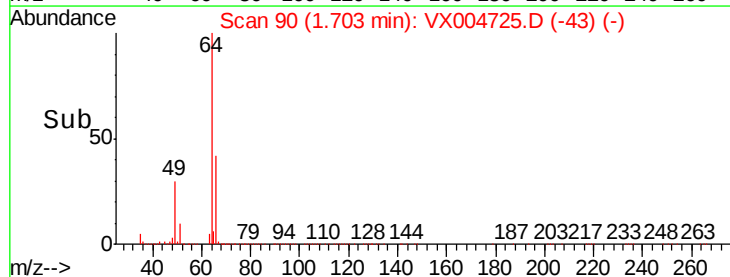
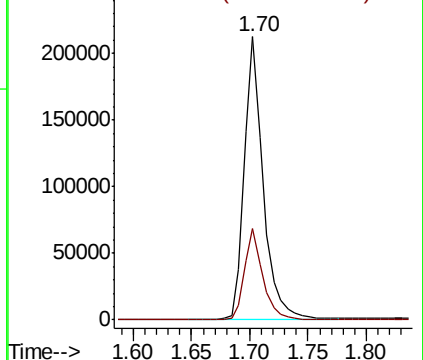
64 100

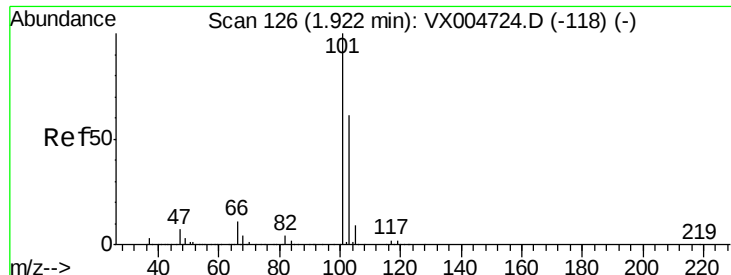
66 32.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



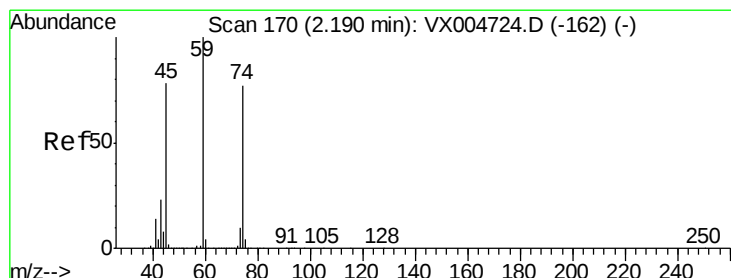
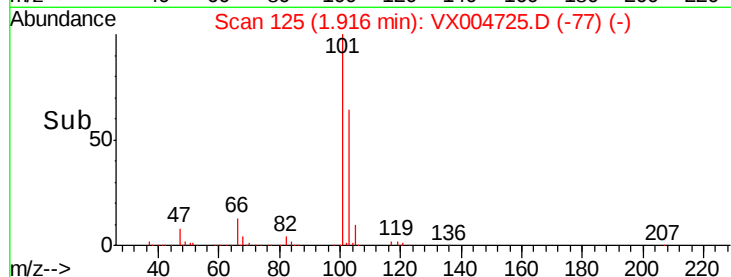
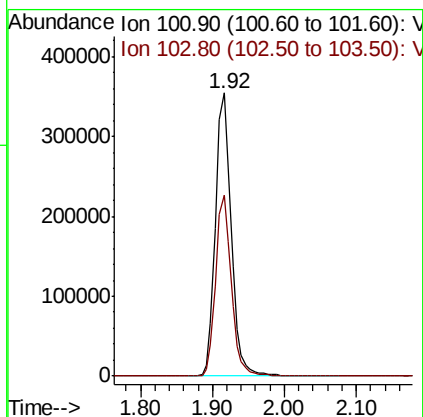
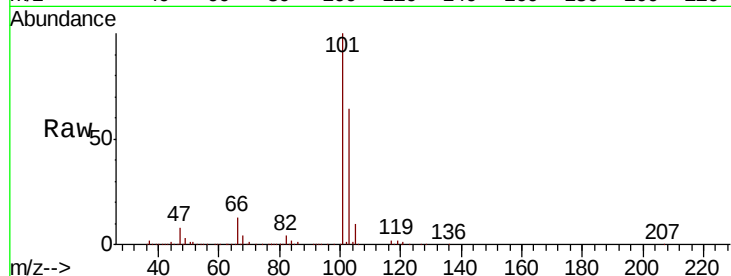


#7

Trichlorofluoromethane
 Concen: 84.426 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

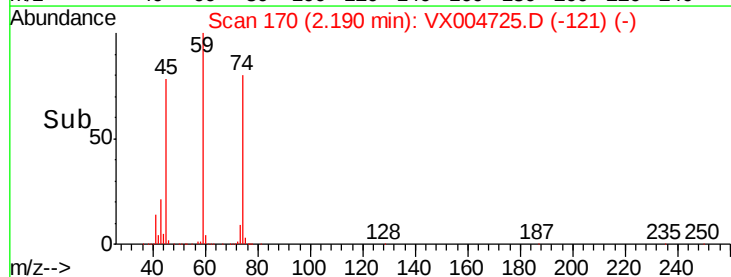
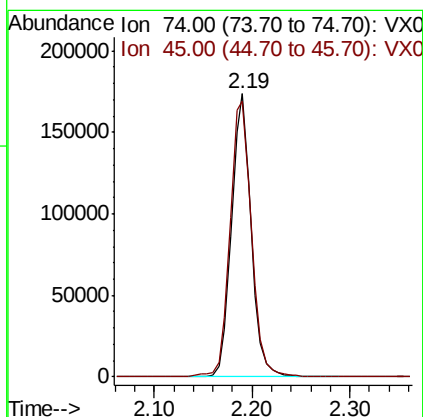
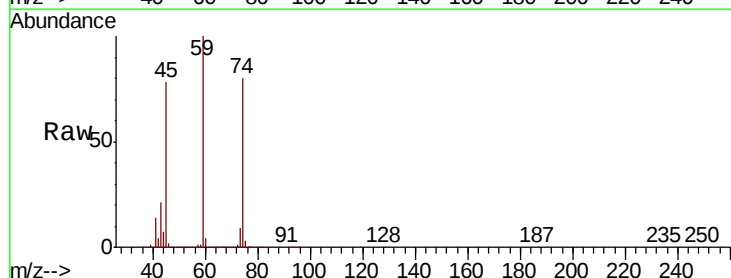
Tgt Ion: 101 Resp: 538753
 Ion Ratio Lower Upper
 101 100
 103 63.7 48.9 73.3

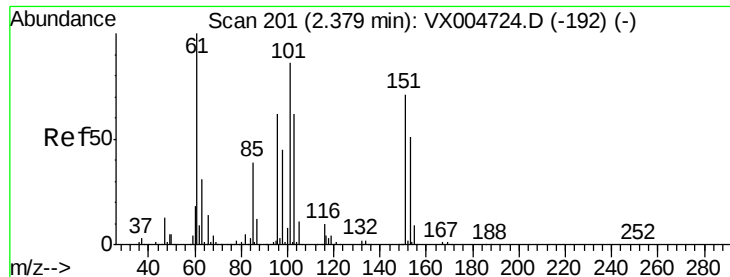


#8

Diethyl Ether
 Concen: 98.865 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Tgt Ion: 74 Resp: 240191
 Ion Ratio Lower Upper
 74 100
 45 106.5 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 95.021 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

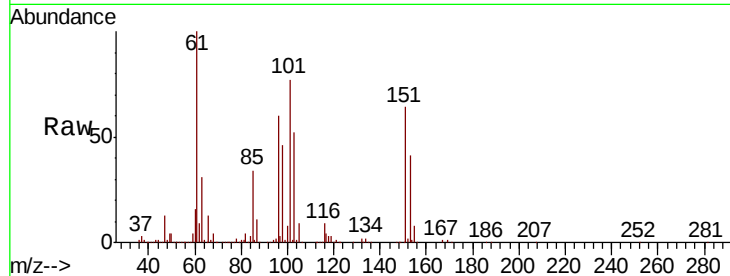
Tgt Ion:101 Resp: 302225

Ion Ratio Lower Upper

101 100

85 44.5 34.2 51.4

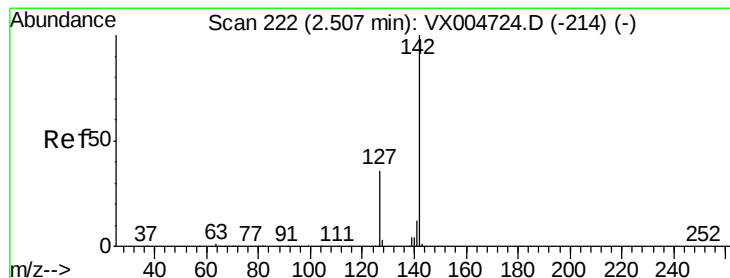
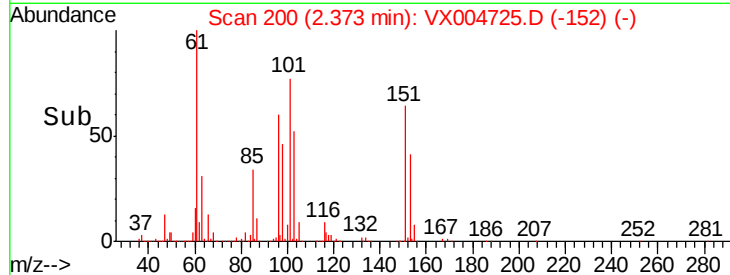
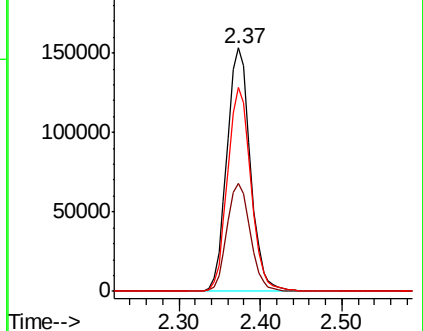
151 83.4 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 83.259 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

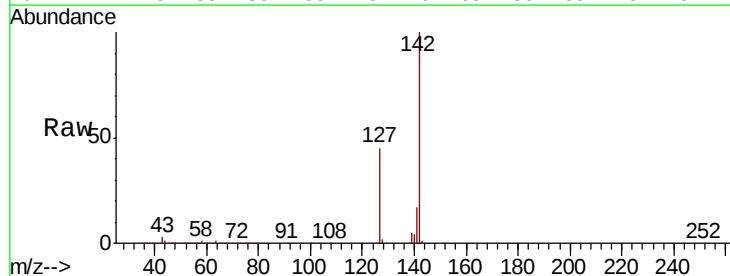
Tgt Ion:142 Resp: 428925

Ion Ratio Lower Upper

142 100

127 44.4 33.8 50.6

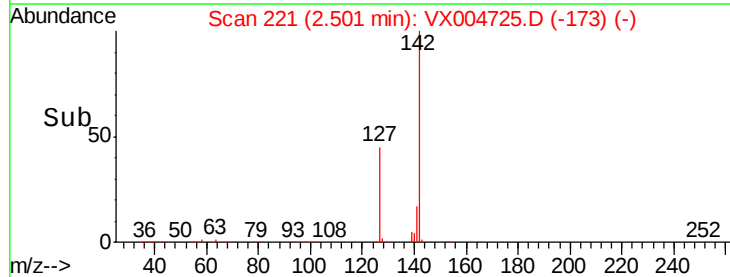
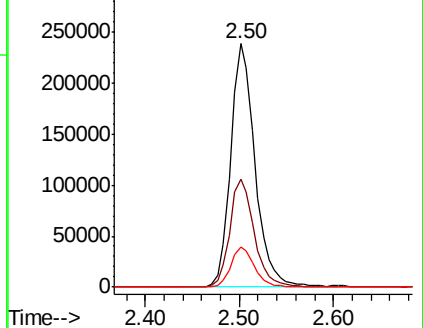
141 16.2 11.4 17.0

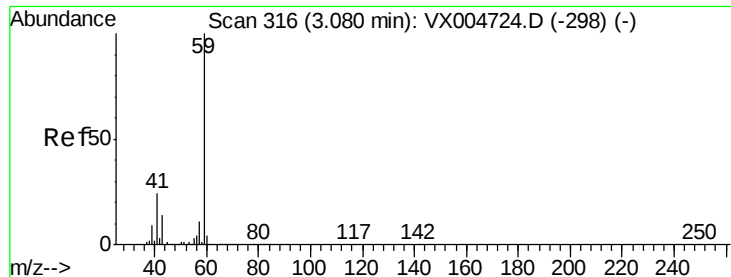


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

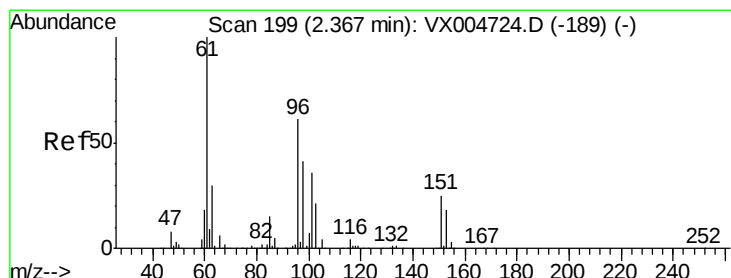
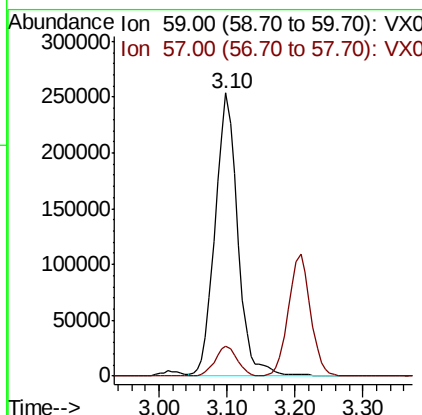
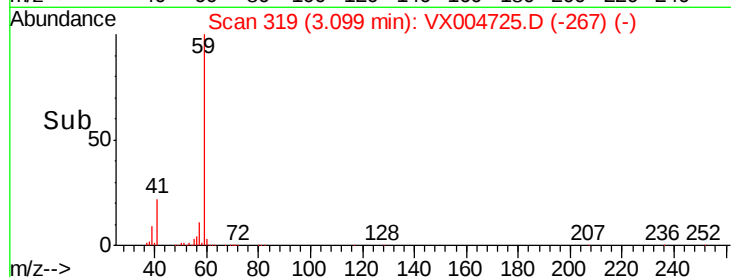
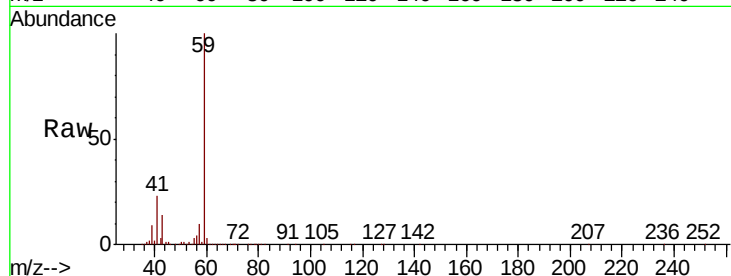




#11
Tert butyl alcohol
Concen: 484.352 ug/l
RT: 3.10 min Scan# 319
Delta R.T. 0.02 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

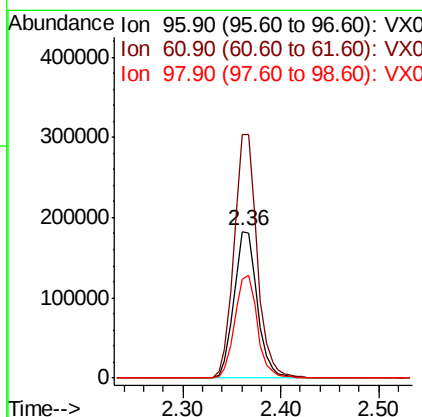
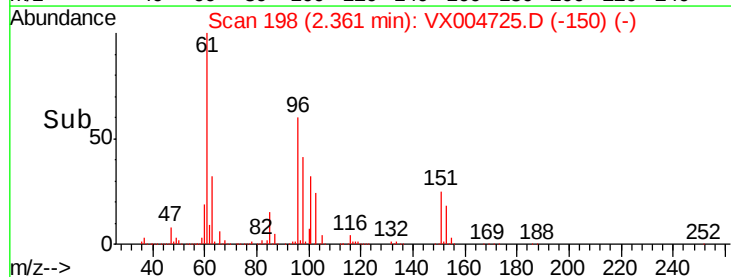
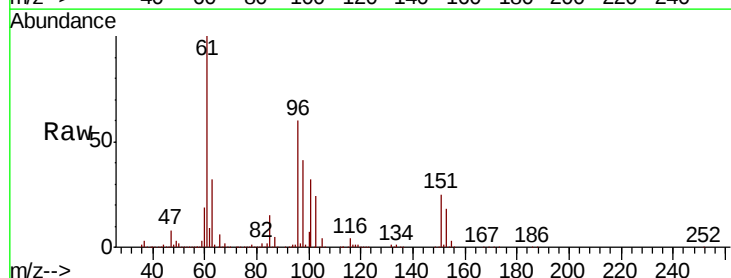
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 587798
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 95.835 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion: 96 Resp: 301566
Ion Ratio Lower Upper
96 100
61 165.8 128.8 193.2
98 67.8 52.2 78.2





#13

Acrolein

Concen: 551.535 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

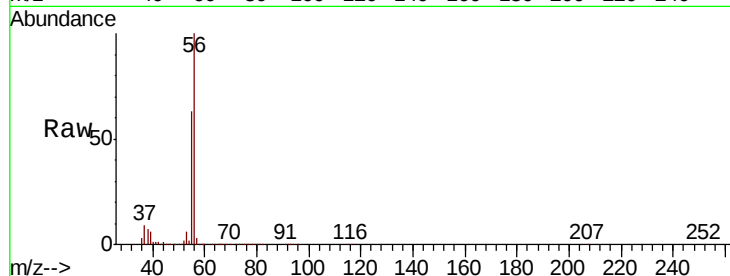
VSTDIC100

Tgt Ion: 56 Resp: 459881

Ion Ratio Lower Upper

56 100

55 64.8 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

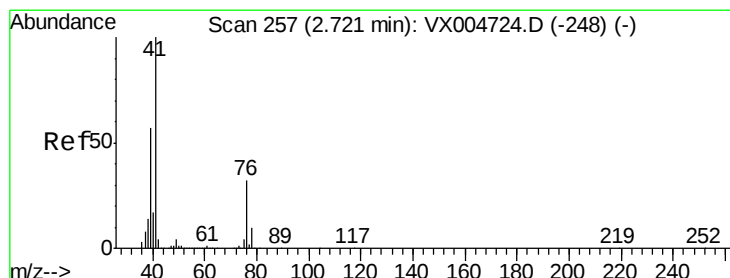
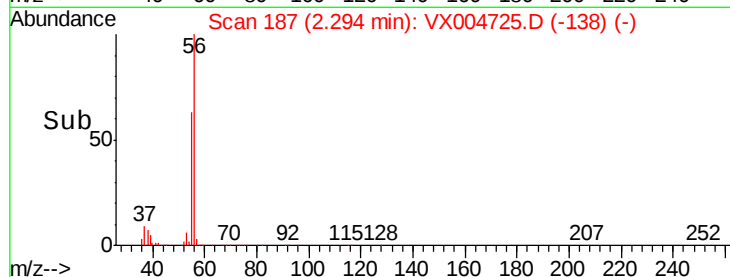
300000

200000

100000

0

Time-->



#14

Allyl chloride

Concen: 98.230 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

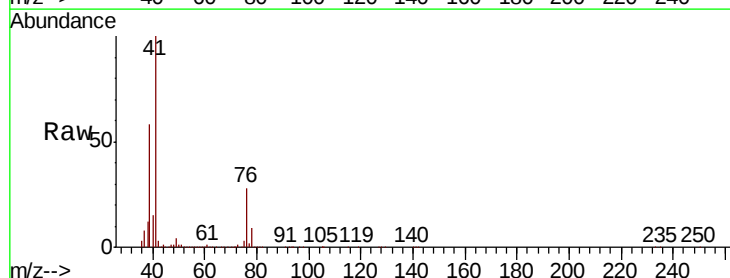
Tgt Ion: 41 Resp: 719806

Ion Ratio Lower Upper

41 100

39 53.6 48.9 73.3

76 28.0 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

500000

400000

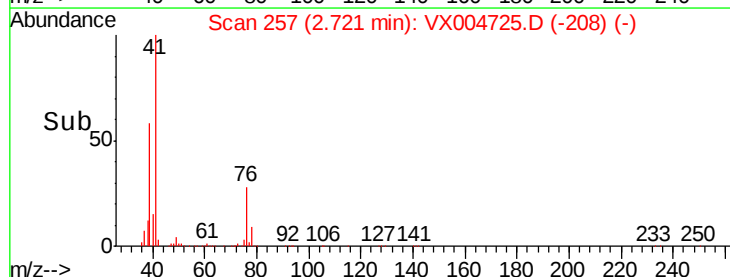
300000

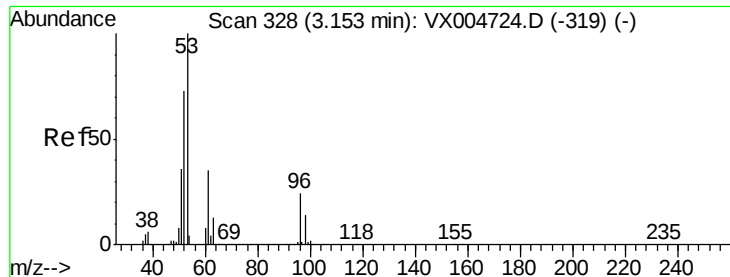
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 449.555 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

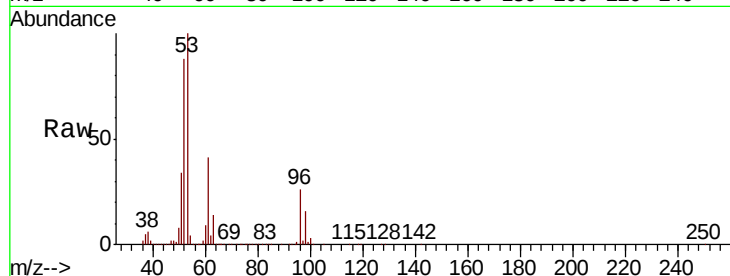
MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 53 Resp: 1242400

Ion	Ratio	Lower	Upper
53	100		
52	84.1	65.2	97.8
51	36.2	28.2	42.2

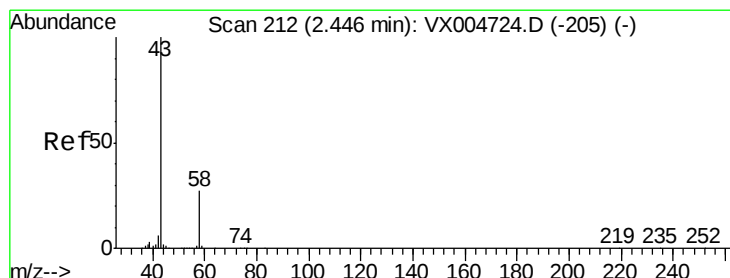
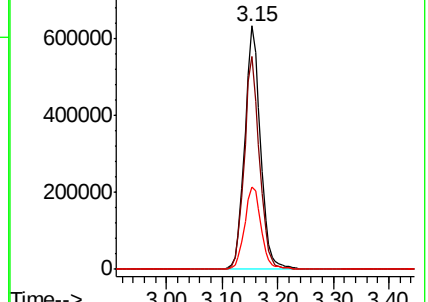
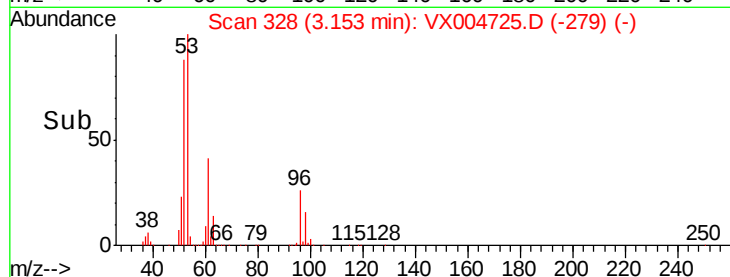


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 432.619 ug/l

RT: 2.45 min Scan# 213

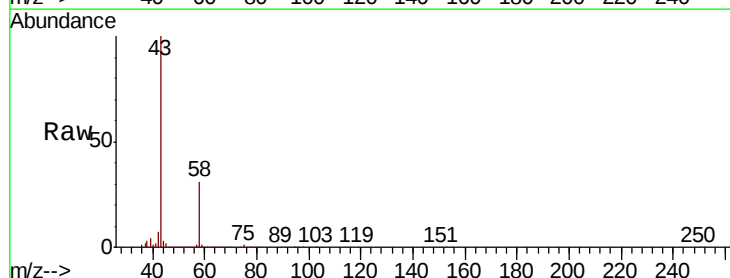
Delta R.T. 0.01 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Tgt Ion: 43 Resp: 1127740

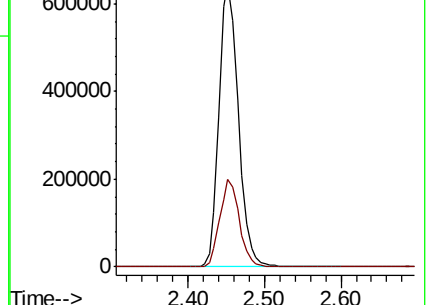
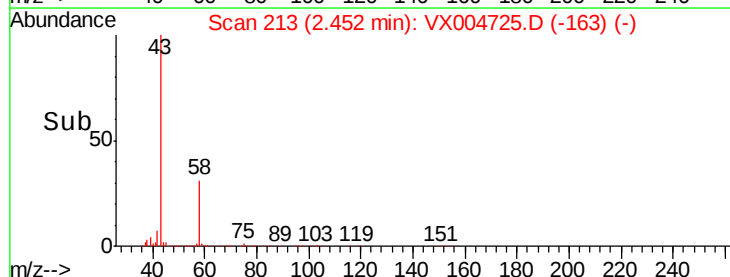
Ion	Ratio	Lower	Upper
43	100		
58	31.1	26.2	39.4

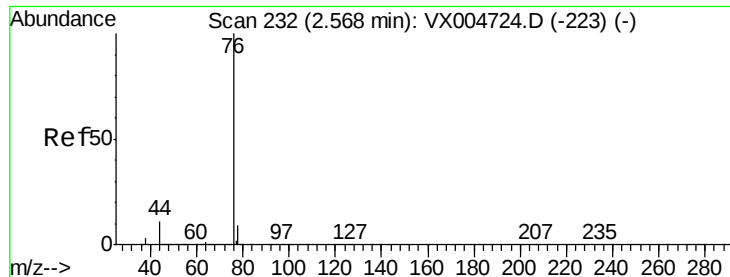


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 94.382 ug/l

RT: 2.56 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

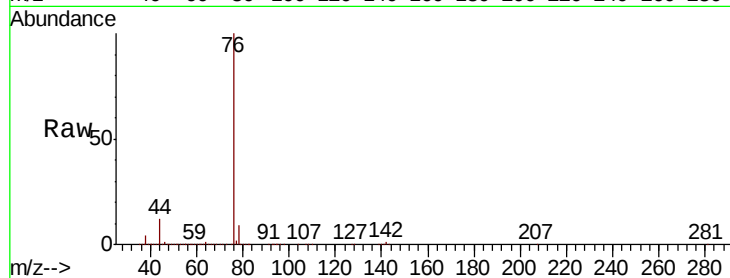
VSTDIC100

Tgt Ion: 76 Resp: 947836

Ion Ratio Lower Upper

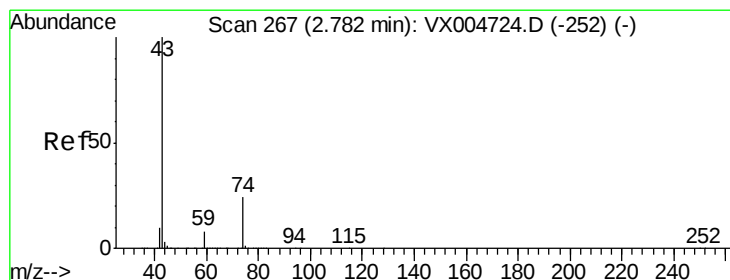
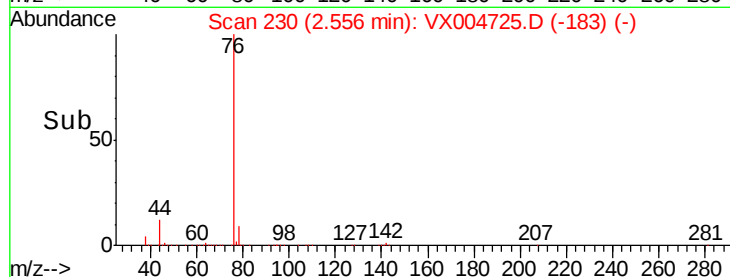
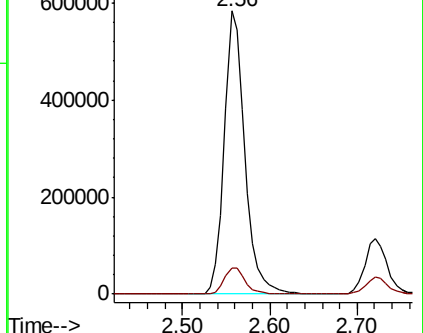
76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 95.802 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX004725.D

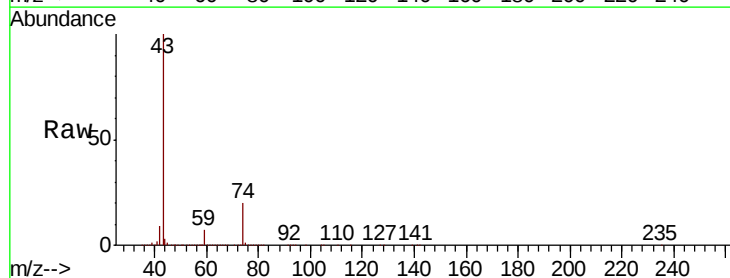
Acq: 26 Sep 2018 13:21

Tgt Ion: 43 Resp: 608082

Ion Ratio Lower Upper

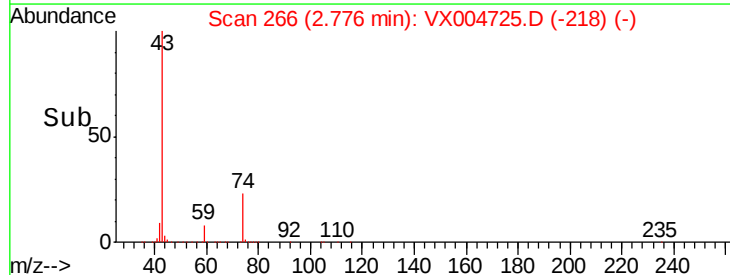
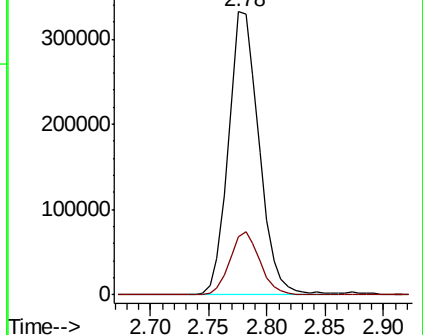
43 100

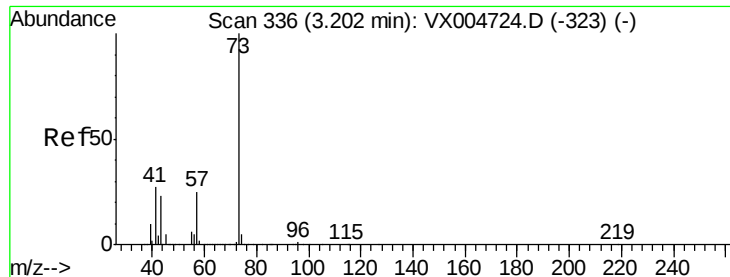
74 21.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



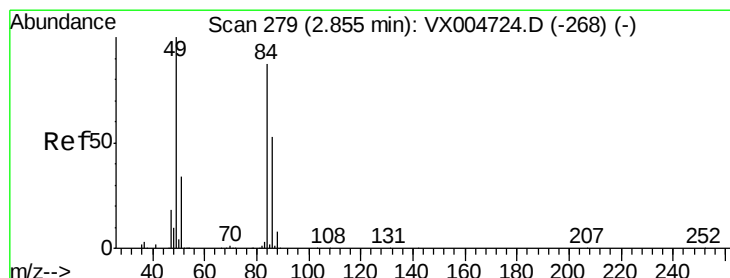
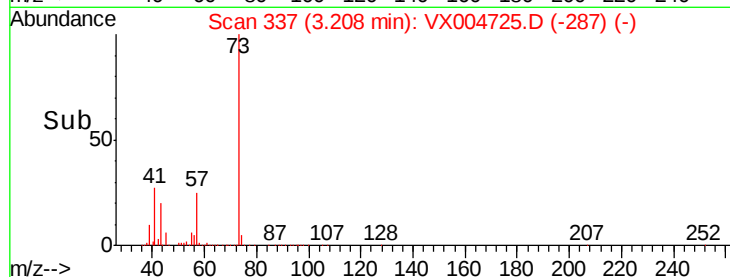
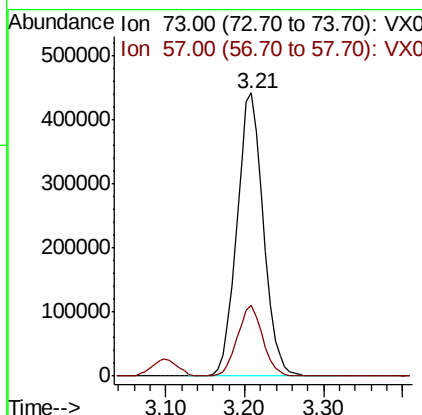
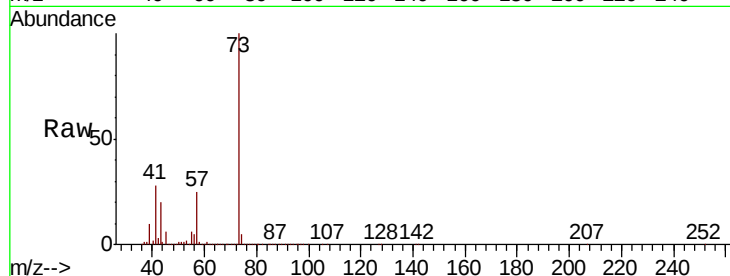


#19

Methyl tert-butyl Ether
 Concen: 92.697 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

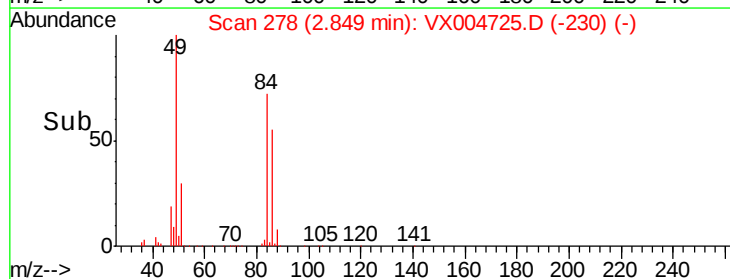
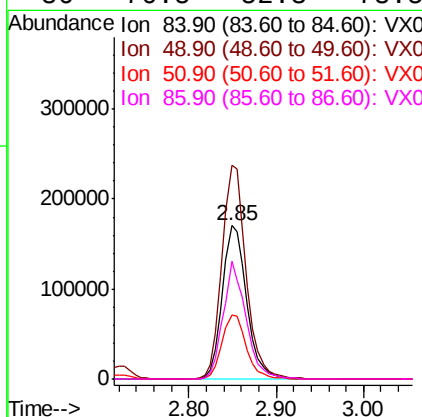
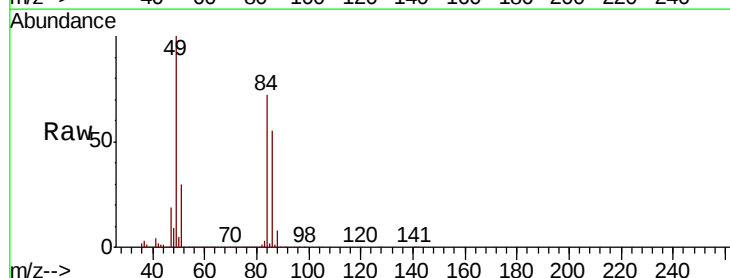
Tgt Ion: 73 Resp: 1025707
 Ion Ratio Lower Upper
 73 100
 57 24.8 17.1 25.7

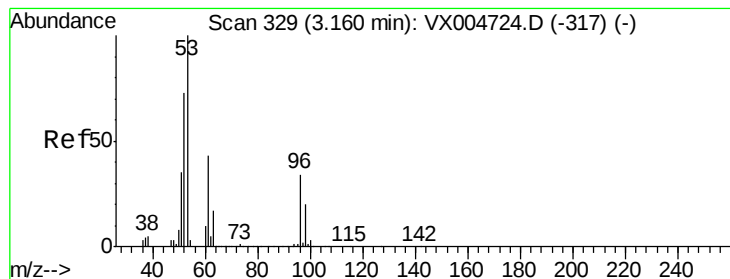


#20

Methylene Chloride
 Concen: 79.806 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. -0.01 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Tgt Ion: 84 Resp: 329783
 Ion Ratio Lower Upper
 84 100
 49 139.2 101.2 151.8
 51 41.3 29.5 44.3
 86 76.5 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 87.595 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

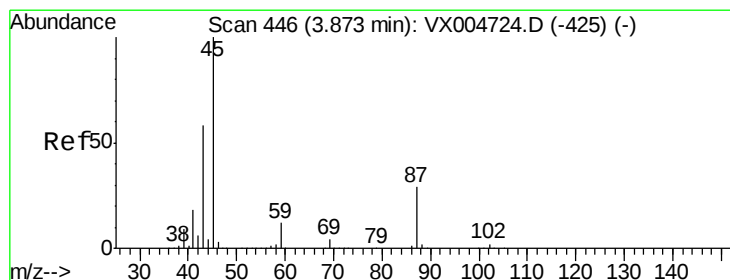
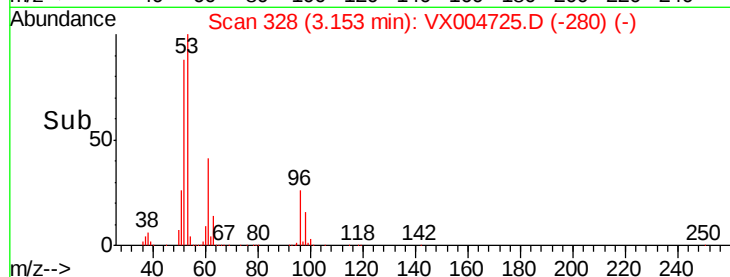
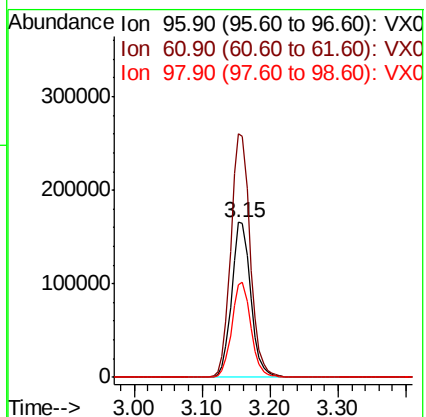
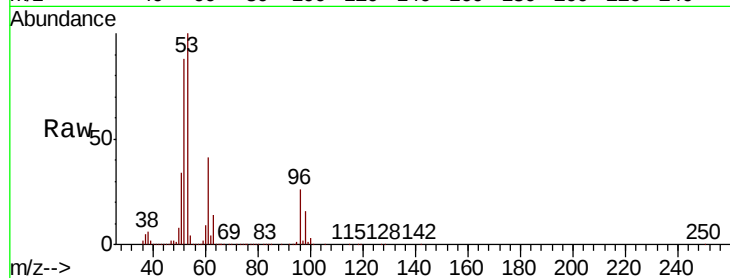
Tgt Ion: 96 Resp: 324239

Ion Ratio Lower Upper

96 100

61 156.8 113.8 170.6

98 59.8 51.8 77.8



#22

Diisopropyl ether

Concen: 98.595 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Tgt Ion: 45 Resp: 1217958

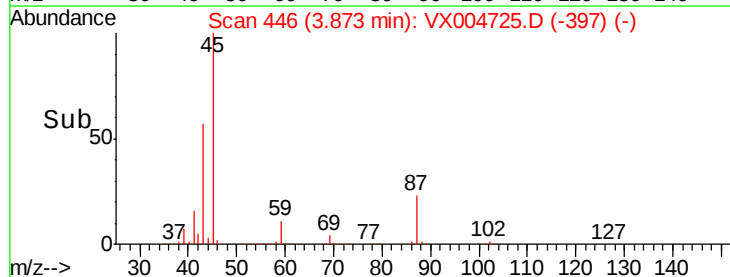
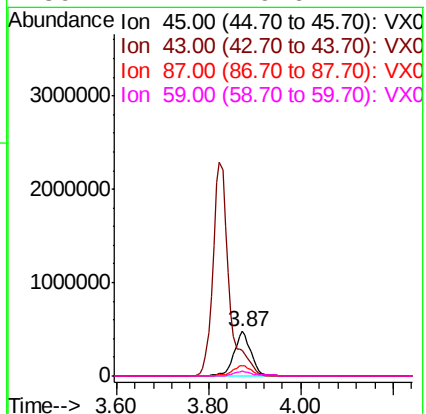
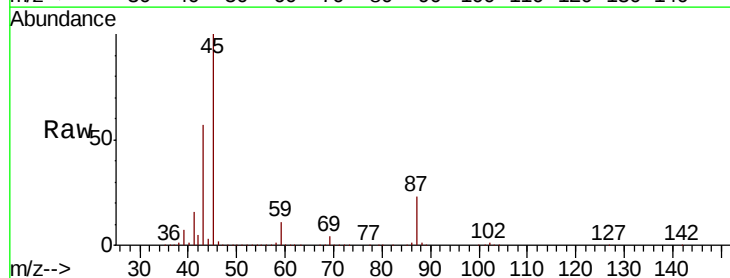
Ion Ratio Lower Upper

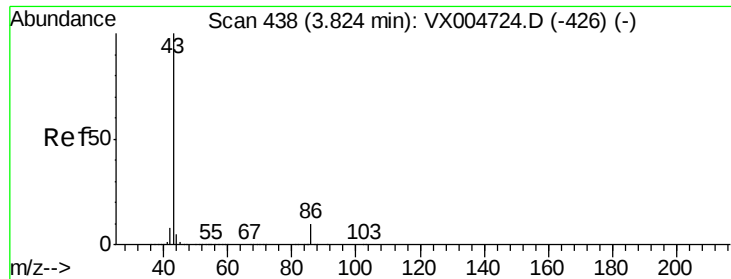
45 100

43 56.9 42.8 64.2

87 23.2 22.6 34.0

59 11.1 9.6 14.4





#23

Vinyl Acetate

Concen: 471.733 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

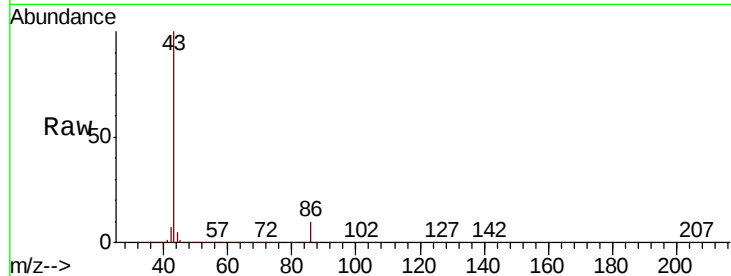
VSTDICC100

Tgt Ion: 43 Resp: 5528836

Ion Ratio Lower Upper

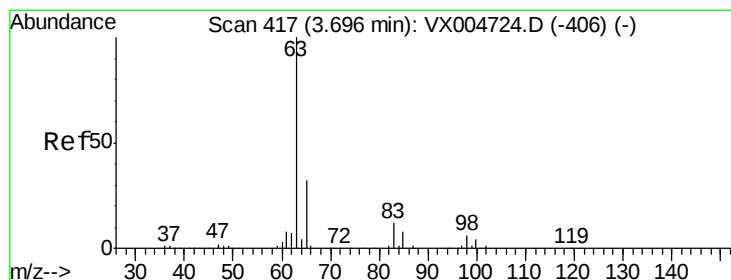
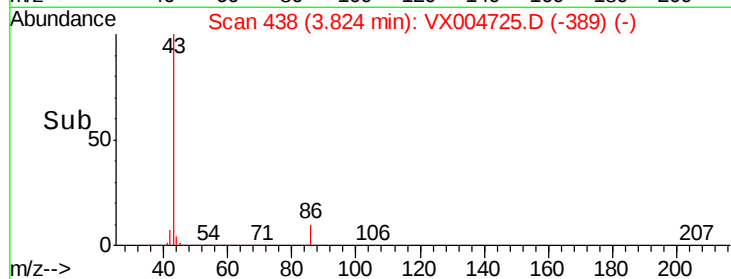
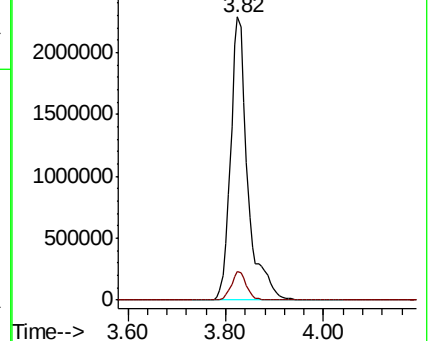
43 100

86 10.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 88.263 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

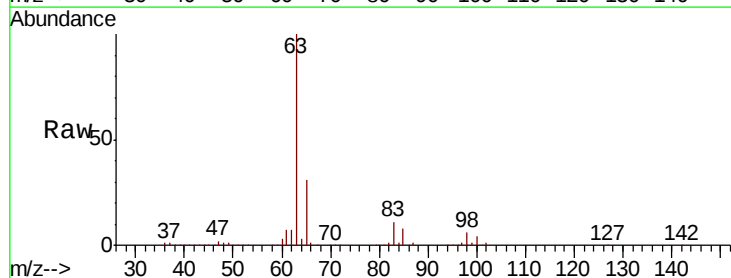
Tgt Ion: 63 Resp: 656978

Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.4

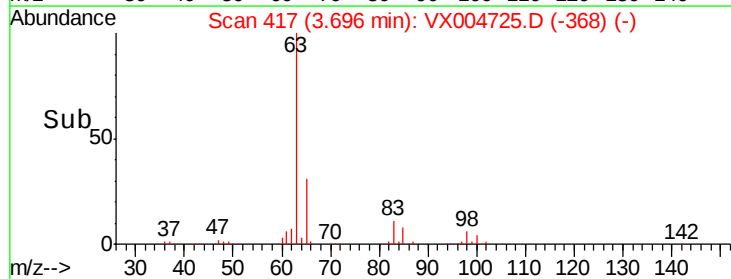
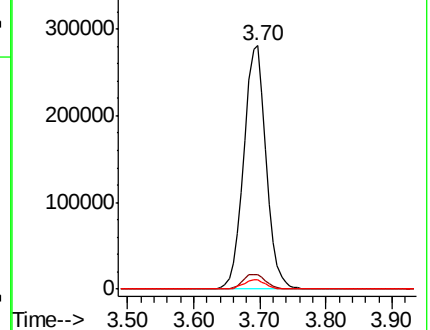
100 3.7 2.4 7.1

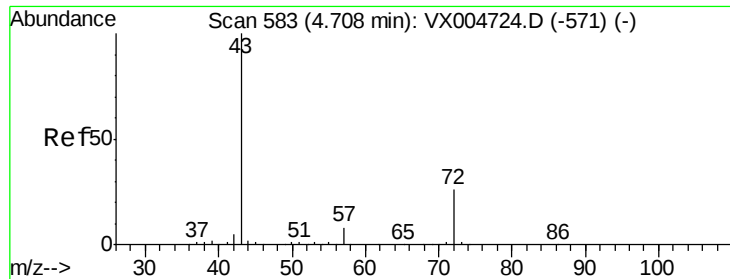


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 475.710 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

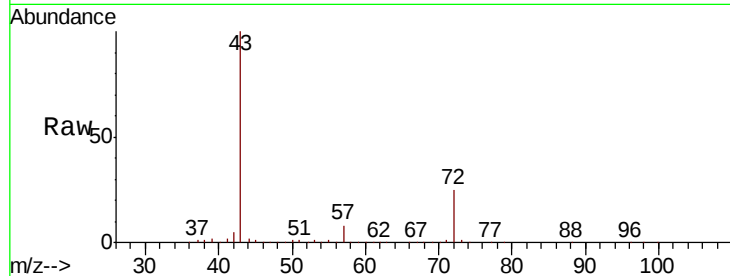
VSTDIC100

Tgt Ion: 43 Resp: 1802822

Ion Ratio Lower Upper

43 100

72 24.6 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

600000

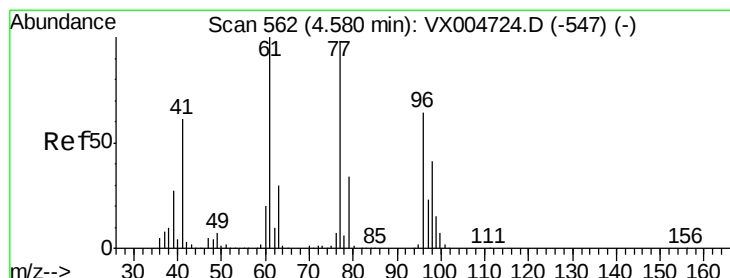
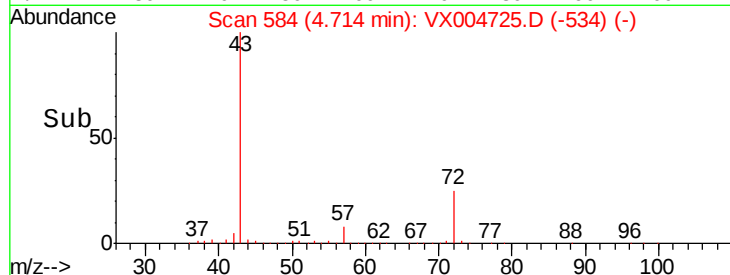
400000

200000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 97.662 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004725.D

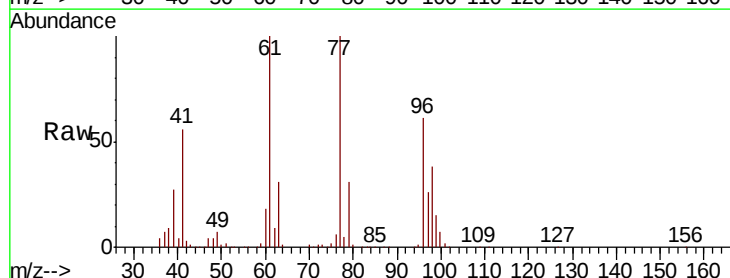
Acq: 26 Sep 2018 13:21

Tgt Ion: 77 Resp: 482954

Ion Ratio Lower Upper

77 100

97 24.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

150000

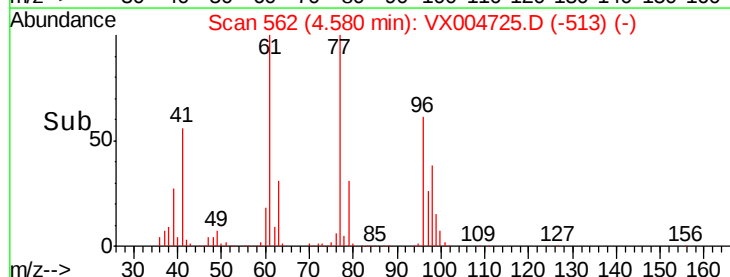
100000

50000

0

4.40 4.50 4.60 4.70

Time-->



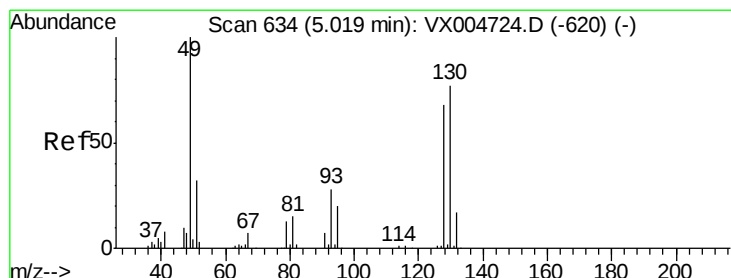
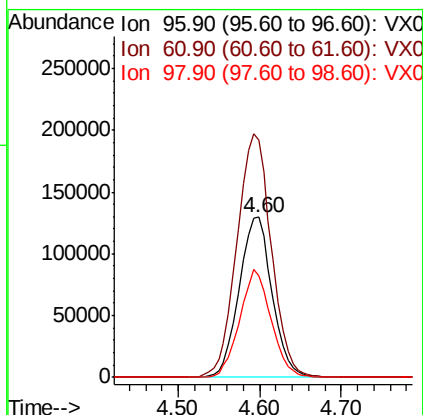
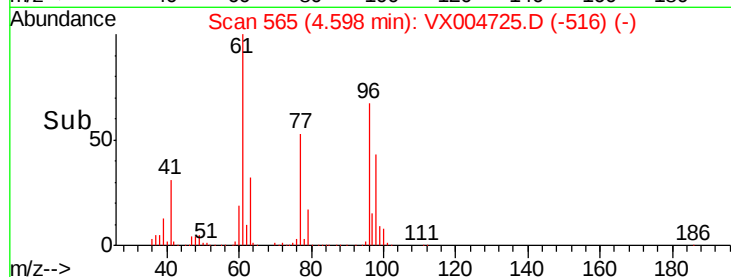
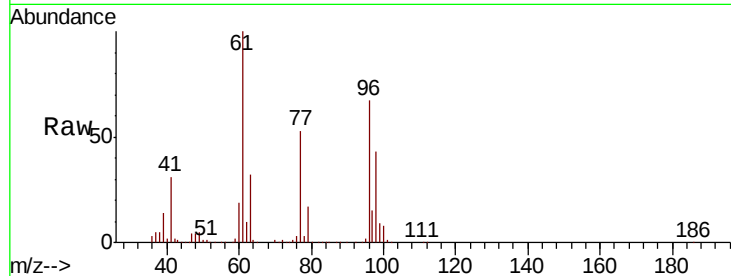


#27

cis-1,2-Dichloroethene
Concen: 88.109 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

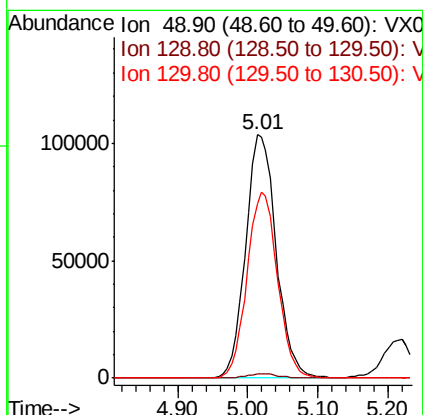
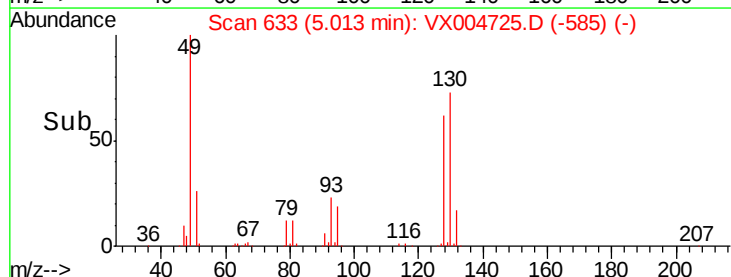
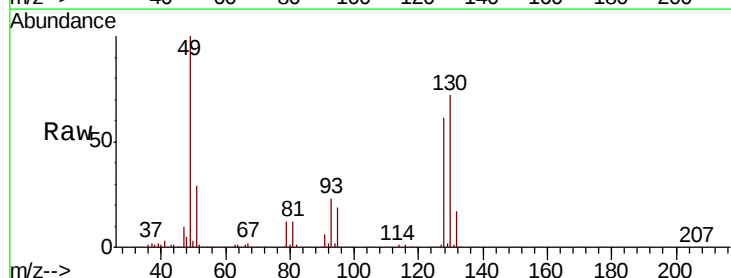
Tgt Ion: 96 Resp: 363756
Ion Ratio Lower Upper
96 100
61 158.9 0.0 282.6
98 64.0 0.0 130.2

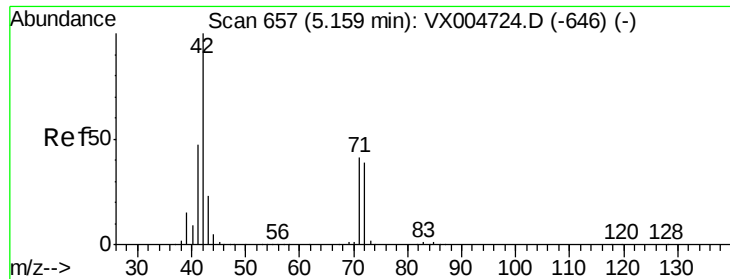


#28

Bromochloromethane
Concen: 96.309 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion: 49 Resp: 314609
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.2
130 76.2 67.5 101.3





#29

Tetrahydrofuran

Concen: 484.485 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

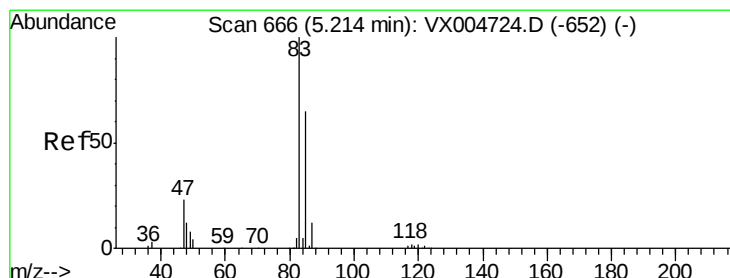
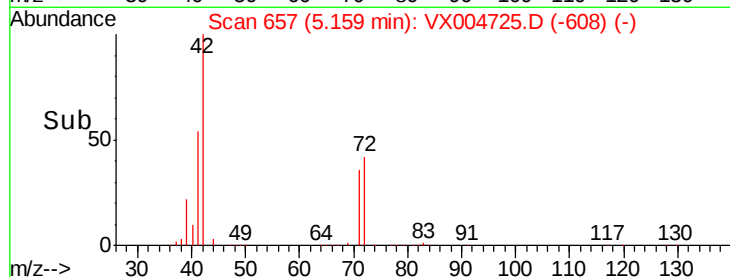
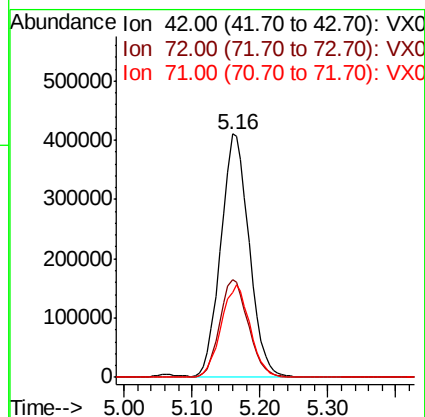
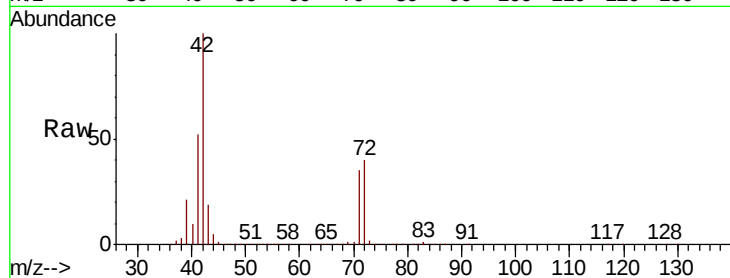
Tgt Ion: 42 Resp: 1185979

Ion Ratio Lower Upper

42 100

72 40.5 37.4 56.0

71 38.5 34.5 51.7



#30

Chloroform

Concen: 103.403 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX004725.D

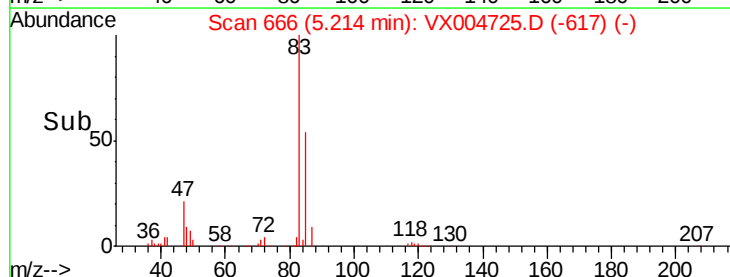
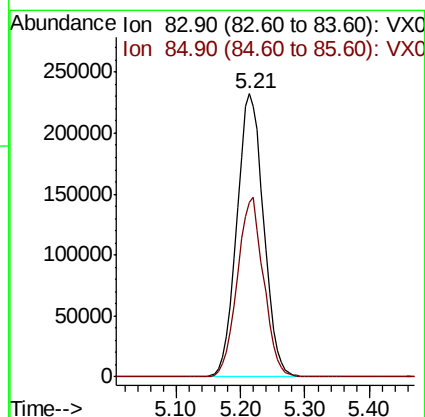
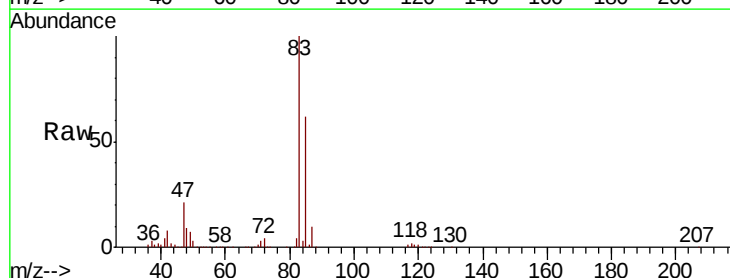
Acq: 26 Sep 2018 13:21

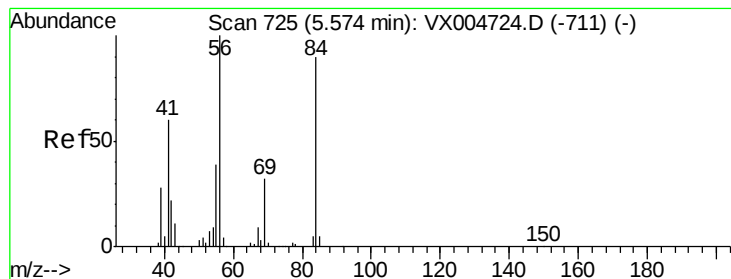
Tgt Ion: 83 Resp: 669371

Ion Ratio Lower Upper

83 100

85 61.6 52.6 79.0





#31

Cyclohexane

Concen: 90.444 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

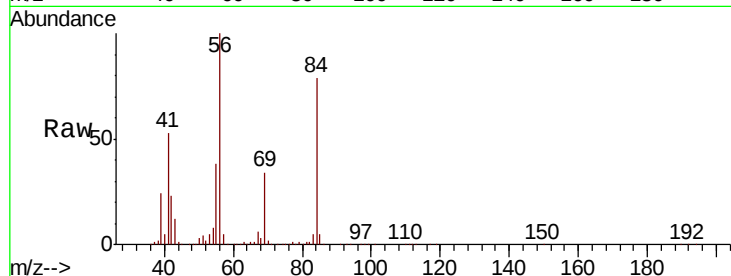
Tgt Ion: 56 Resp: 551580

Ion Ratio Lower Upper

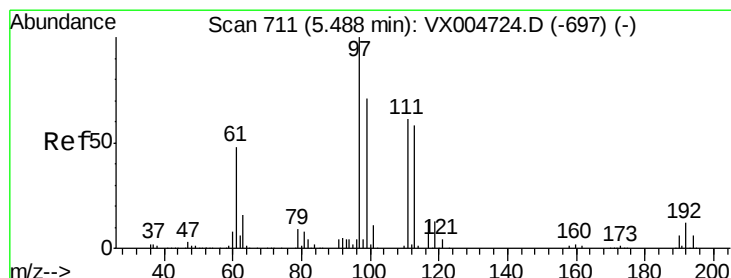
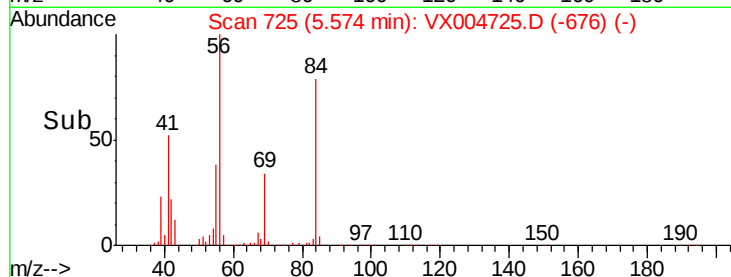
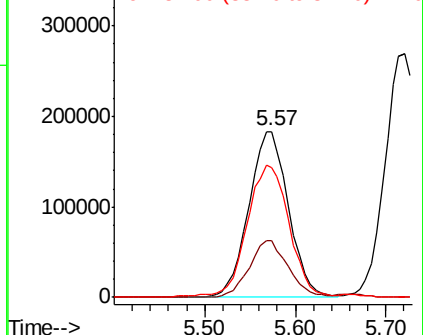
56 100

69 33.9 25.4 38.2

84 77.4 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 93.655 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

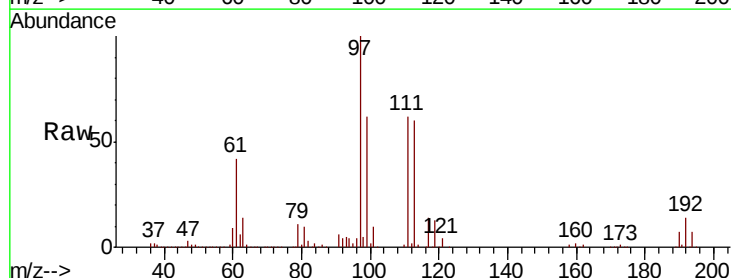
Tgt Ion: 97 Resp: 518109

Ion Ratio Lower Upper

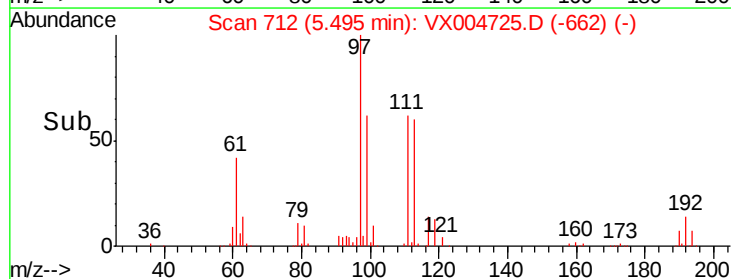
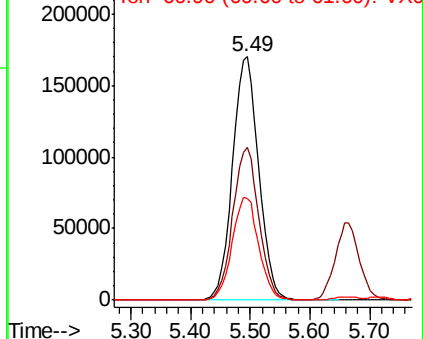
97 100

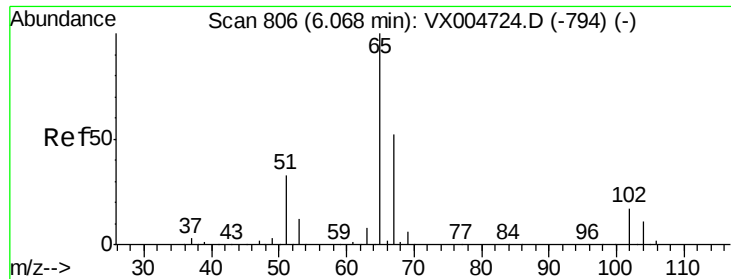
99 62.6 52.0 78.0

61 43.0 34.9 52.3



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





#33

1,2-Dichloroethane-d4

Concen: 88.607 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

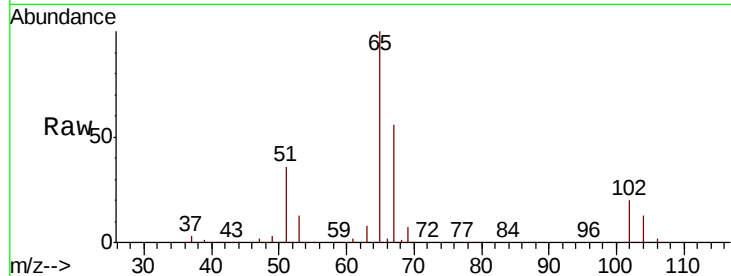
VSTDIC100

Tgt Ion: 65 Resp: 405930

Ion Ratio Lower Upper

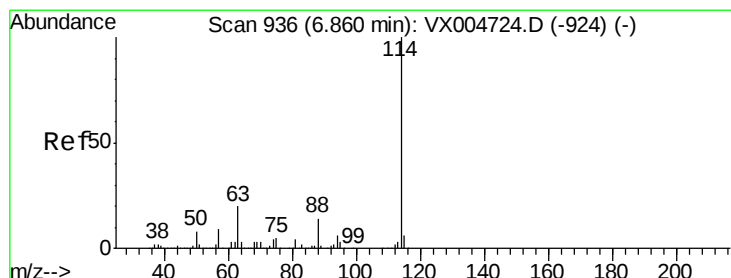
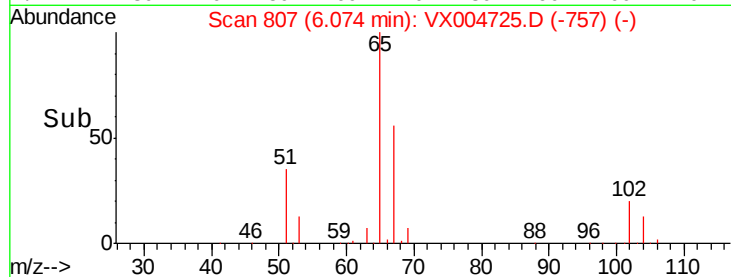
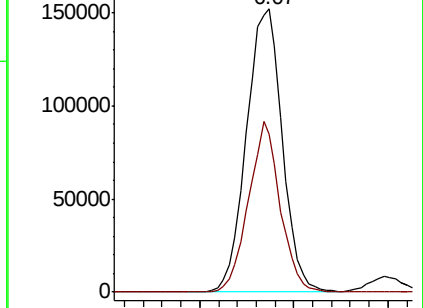
65 100

67 53.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

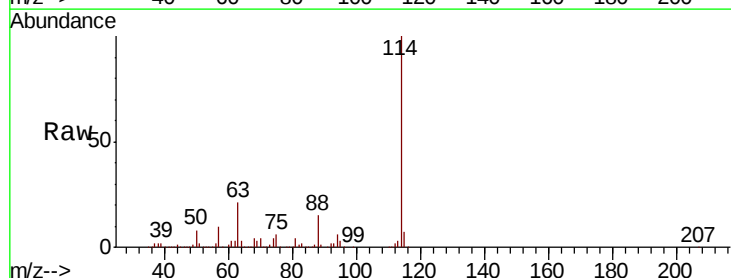
Tgt Ion: 114 Resp: 386680

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.0

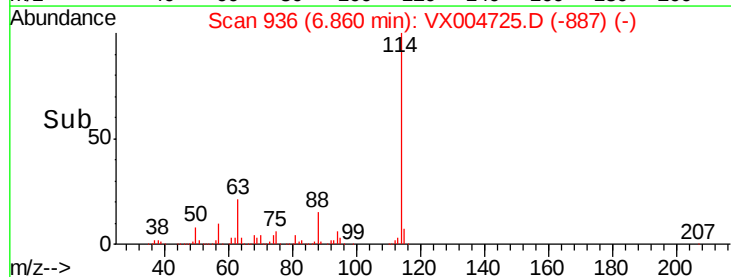
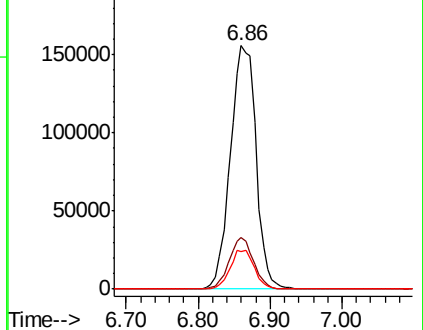
88 15.5 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

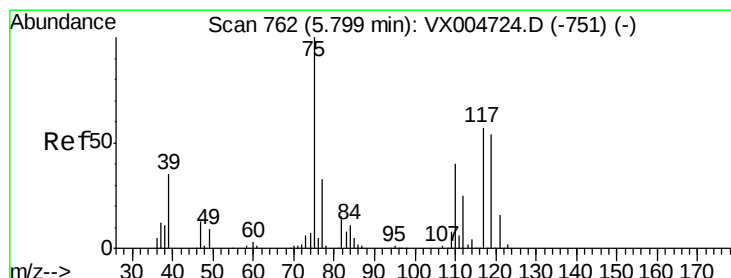
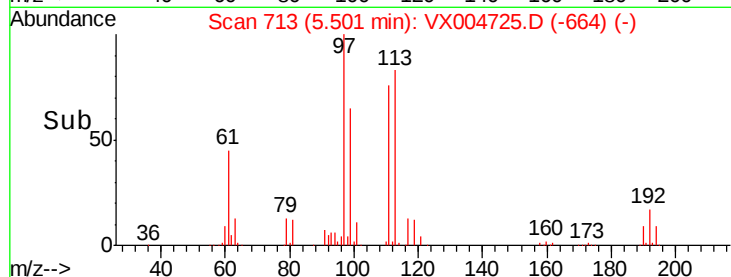
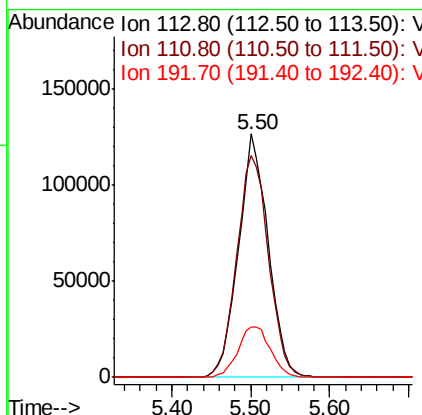
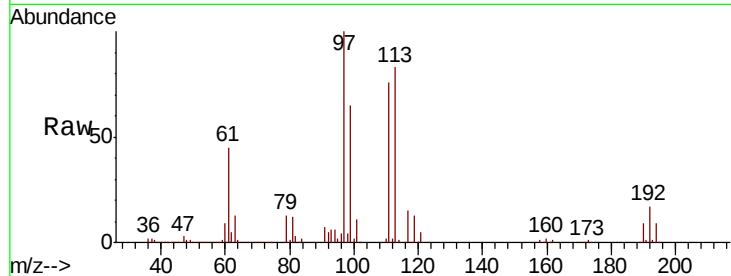




#35
 Dibromofluoromethane
 Concen: 96.742 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

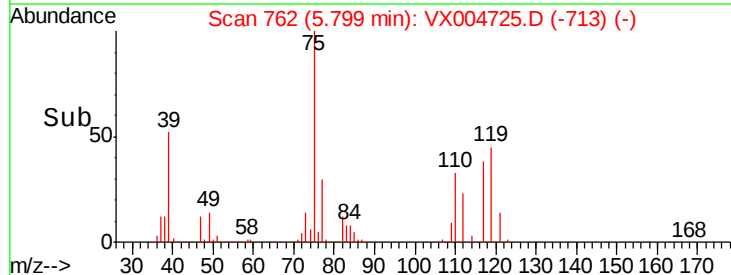
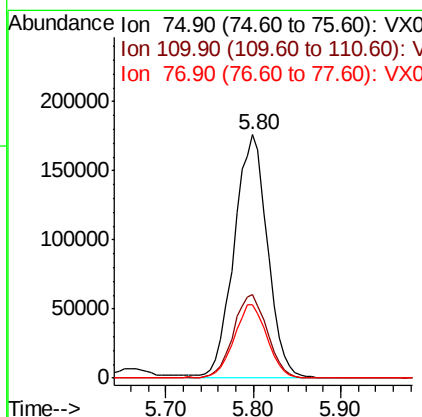
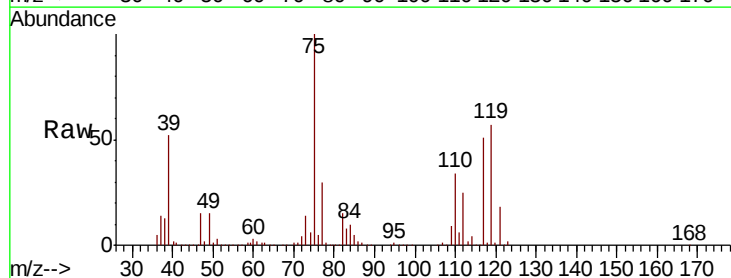
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

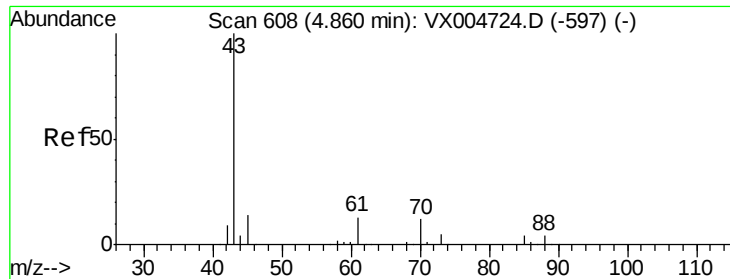
Tgt Ion	Ratio	Lower	Upper
113	100		
111	97.6	82.4	123.6
192	22.8	19.4	29.2



#36
 1,1-Dichloropropene
 Concen: 106.842 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	18.0	54.0
77	30.5	24.6	36.8





#37

Ethyl Acetate

Concen: 110.824 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

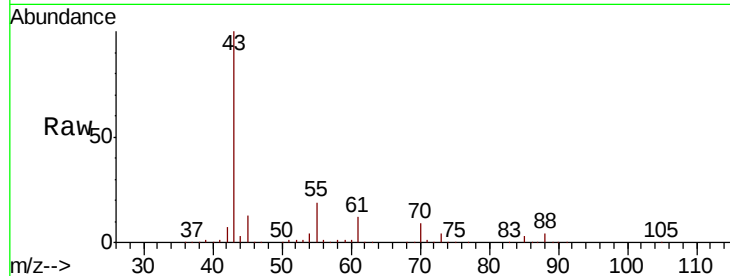
Tgt Ion: 43 Resp: 659866

Ion Ratio Lower Upper

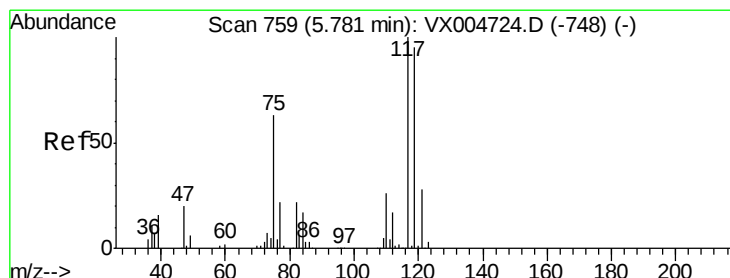
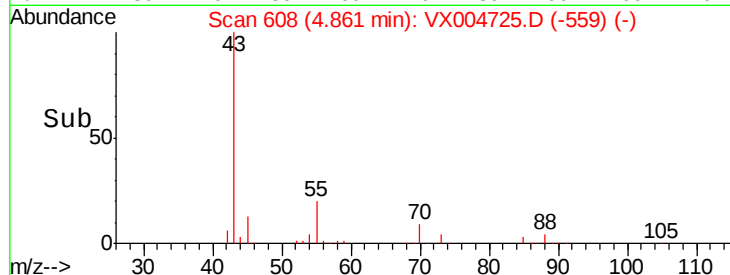
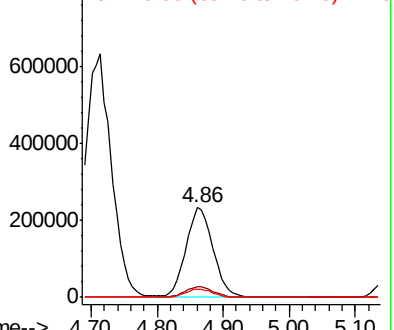
43 100

61 12.6 11.5 17.3

70 9.2 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 101.651 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

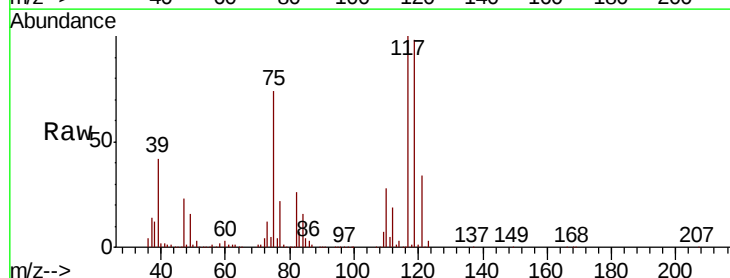
Tgt Ion: 117 Resp: 467029

Ion Ratio Lower Upper

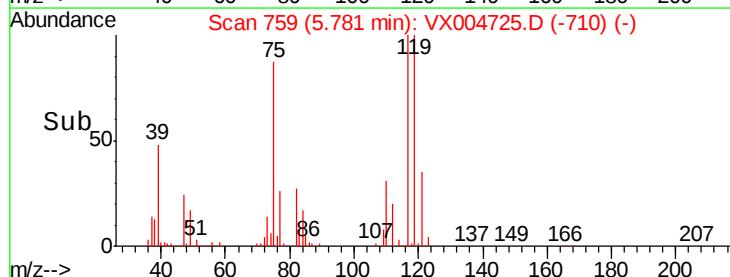
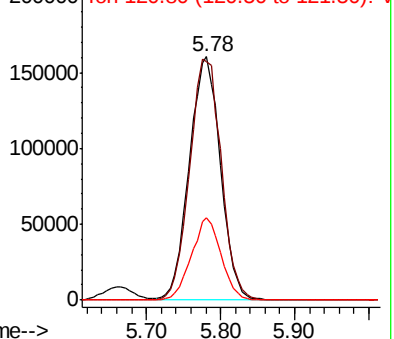
117 100

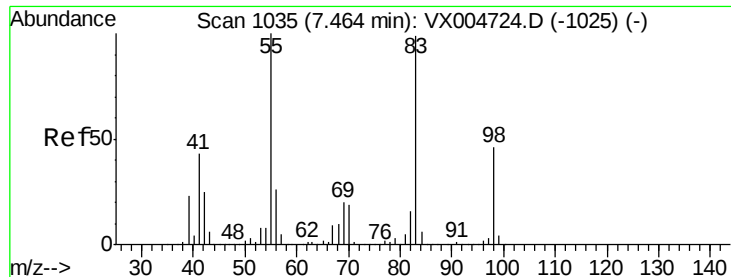
119 97.9 78.8 118.2

121 33.7 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

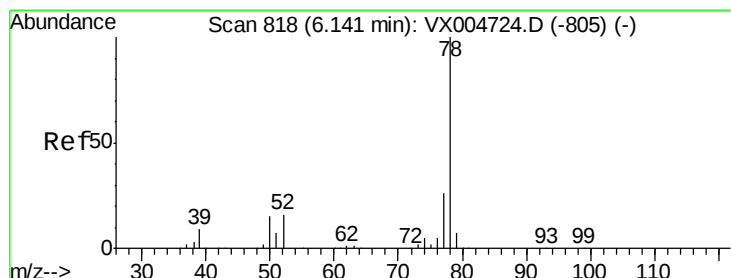
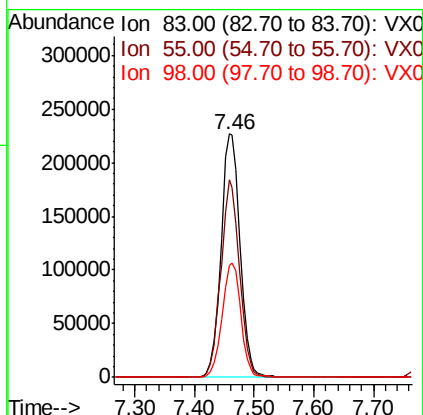
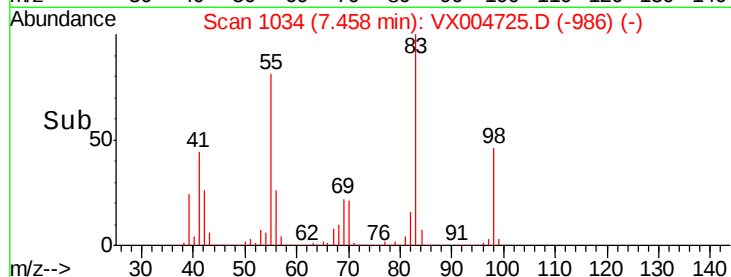
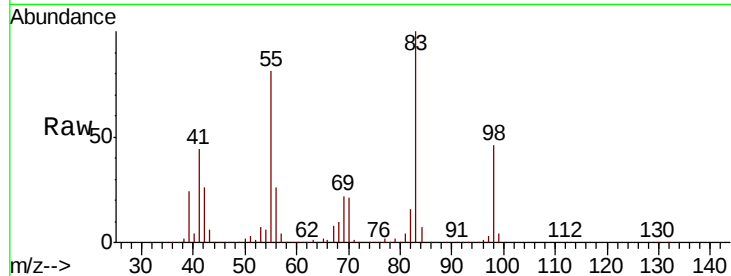




#39
Methylcyclohexane
Concen: 113.029 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

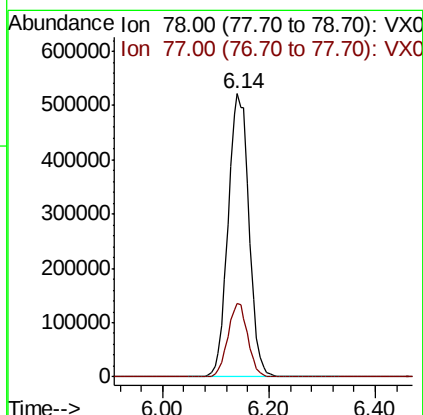
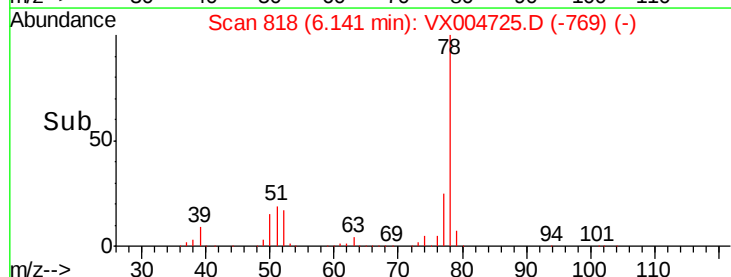
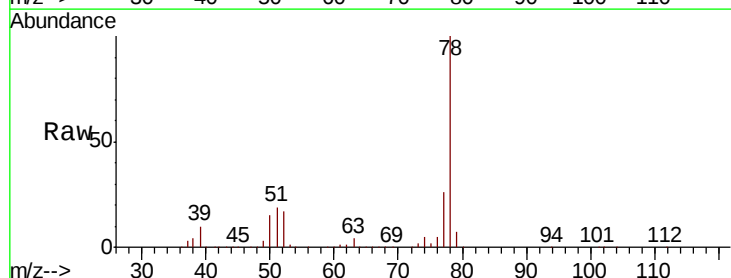
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

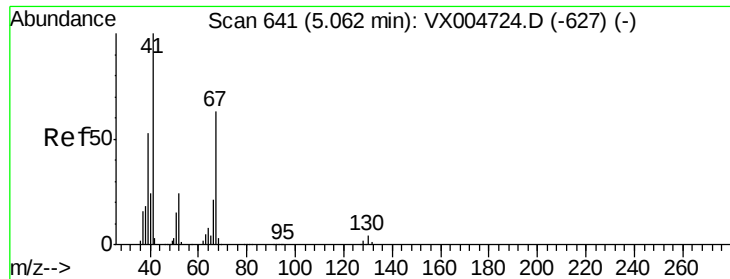
Tgt Ion: 83 Resp: 504832
Ion Ratio Lower Upper
83 100
55 81.1 61.0 91.4
98 45.8 39.6 59.4



#40
Benzene
Concen: 106.783 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion: 78 Resp: 1432922
Ion Ratio Lower Upper
78 100
77 25.8 19.0 28.4

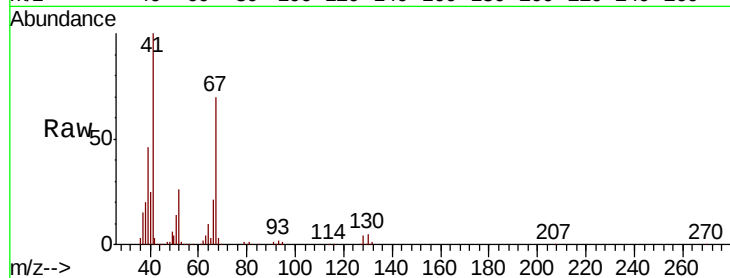




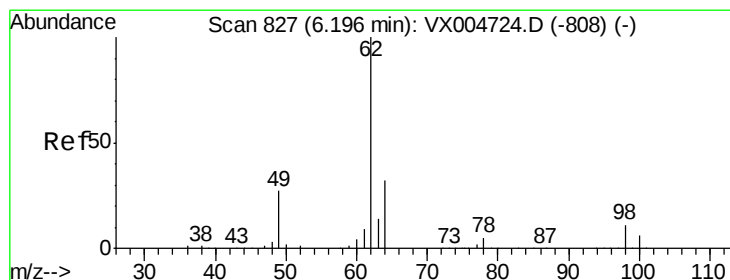
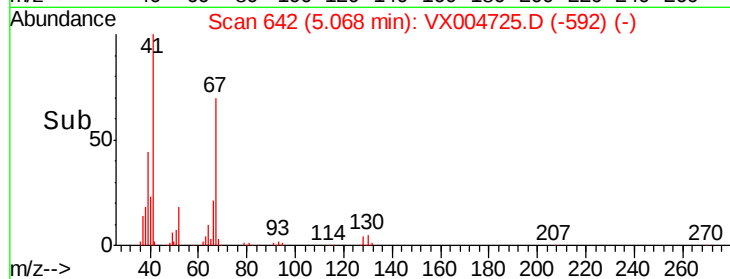
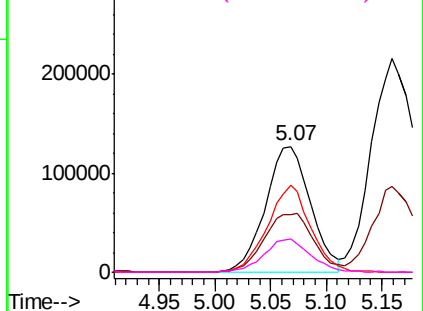
#41
Methacrylonitrile
Concen: 103.866 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:	41	Resp:	356161
Ion	Ratio	Lower	Upper
41	100		
39	51.9	42.4	63.6
67	66.9	59.2	88.8
52	27.4	23.0	34.4

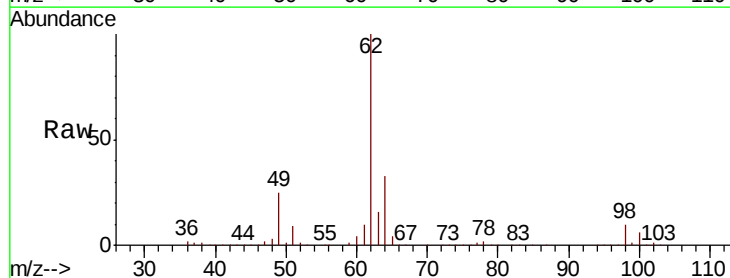


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

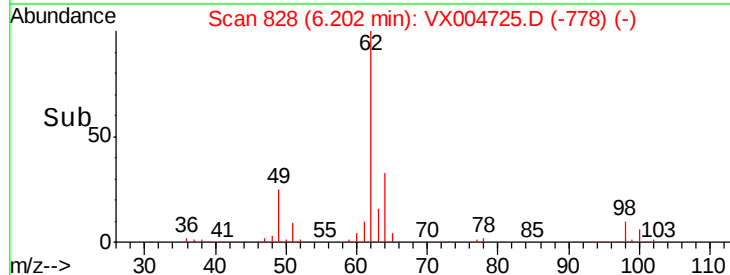
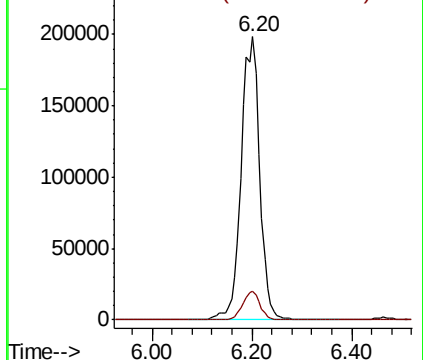


#42
1,2-Dichloroethane
Concen: 105.791 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion:	62	Resp:	509422
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 99.973 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

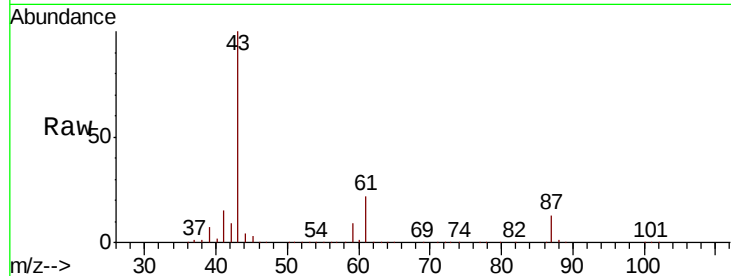
Tgt Ion: 43 Resp: 916705

Ion Ratio Lower Upper

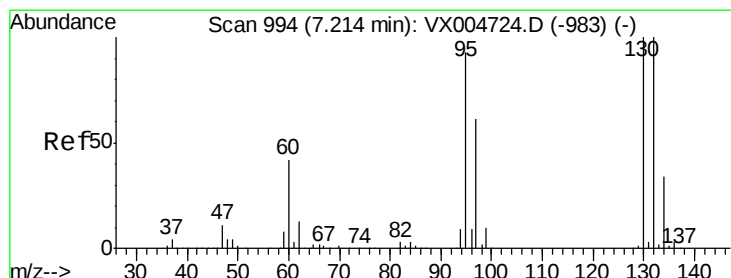
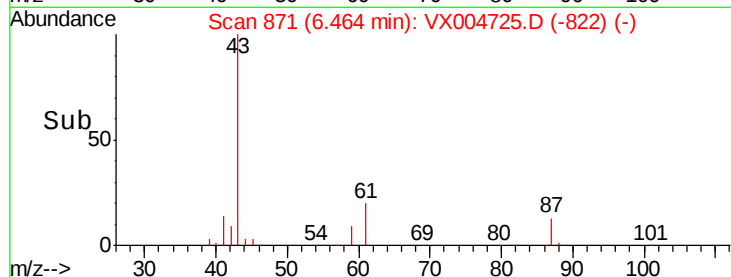
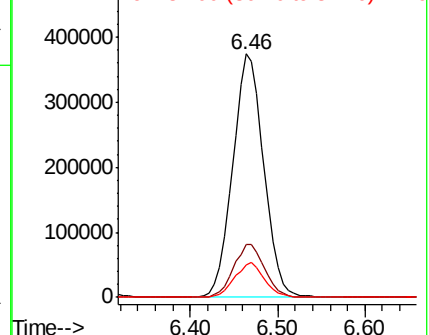
43 100

61 21.9 17.0 25.4

87 13.9 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 108.072 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004725.D

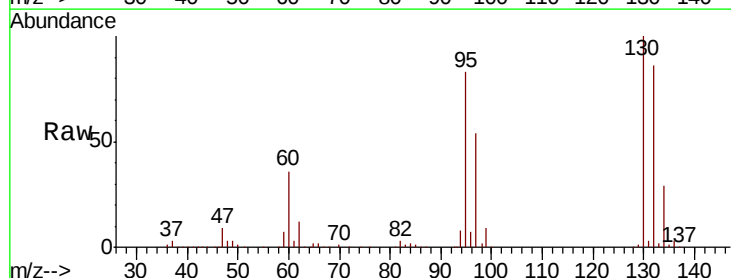
Acq: 26 Sep 2018 13:21

Tgt Ion: 130 Resp: 337826

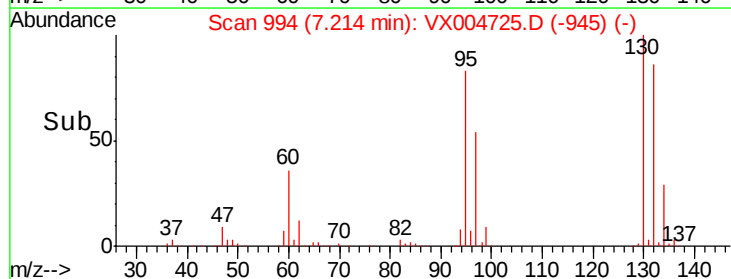
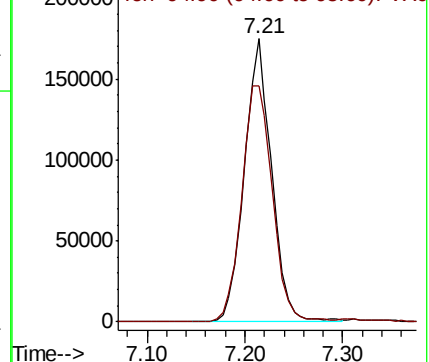
Ion Ratio Lower Upper

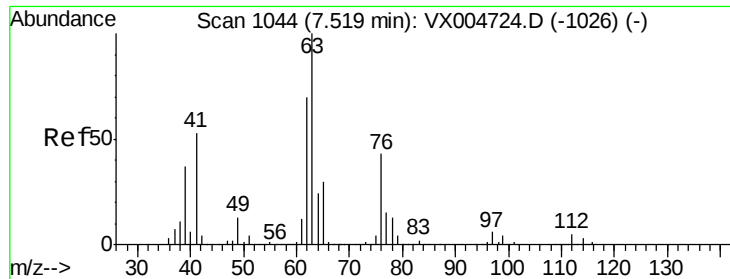
130 100

95 83.5 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

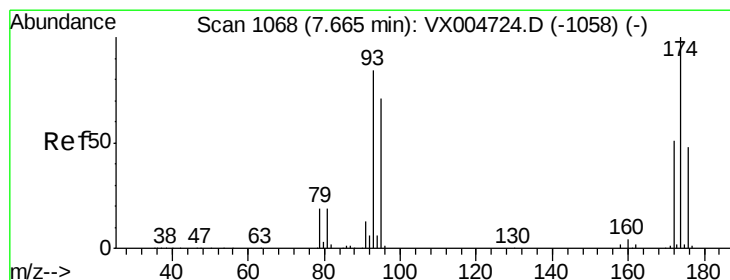
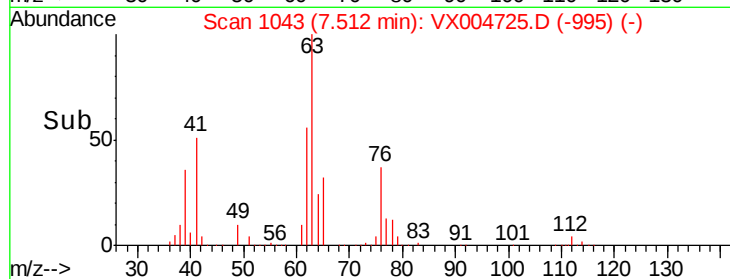
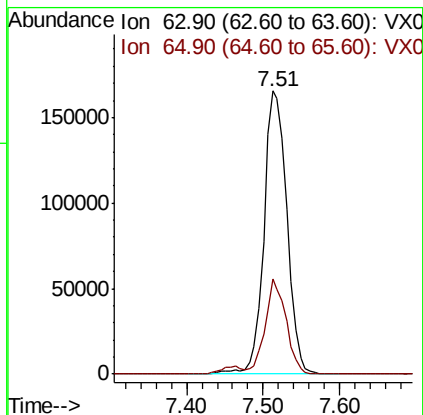
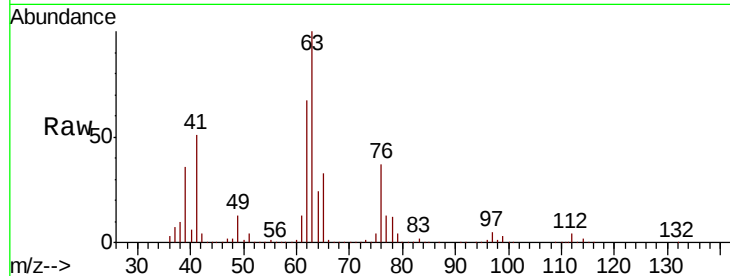




#45
 1,2-Dichloropropane
 Concen: 108.209 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

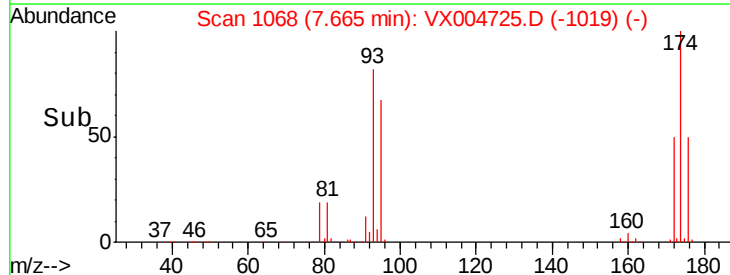
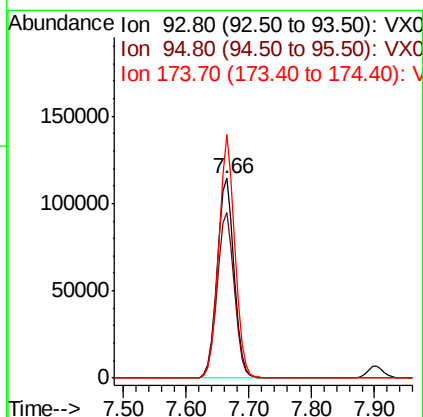
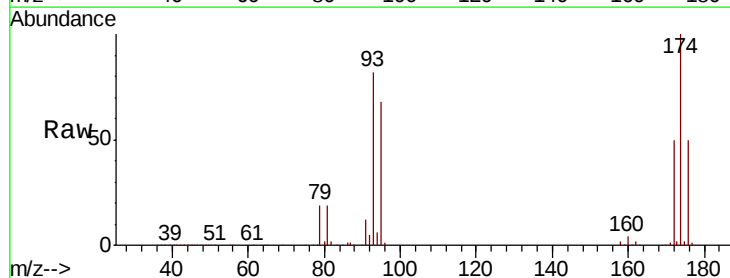
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

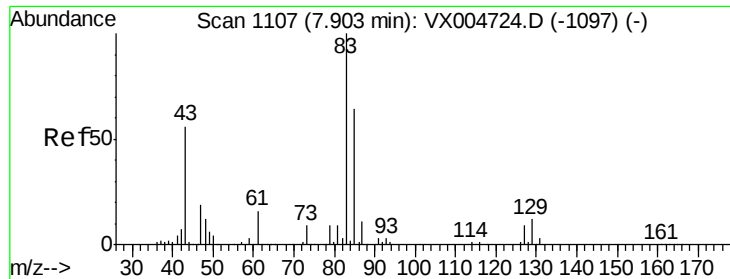
Tgt Ion: 63 Resp: 347399
 Ion Ratio Lower Upper
 63 100
 65 33.4 24.3 36.5



#46
 Dibromomethane
 Concen: 106.546 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Tgt Ion: 93 Resp: 213230
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.5 98.3
 174 116.0 94.2 141.4

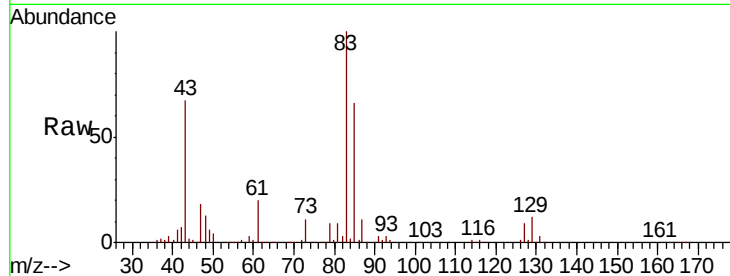




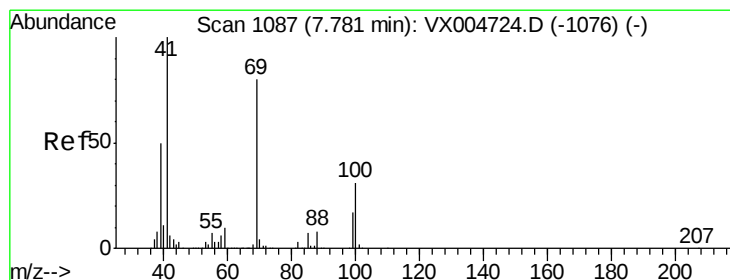
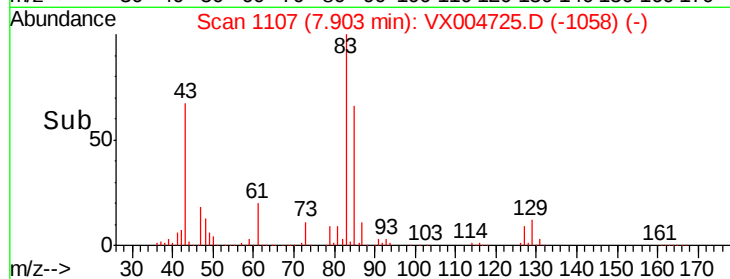
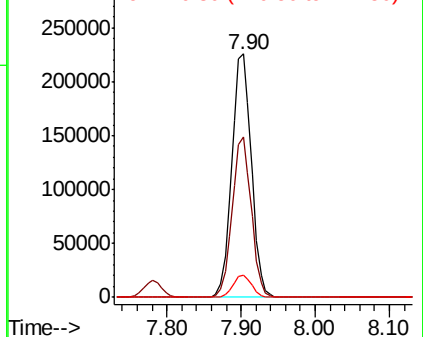
#47
 Bromodichloromethane
 Concen: 108.215 ug/l
 RT: 7.90 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 83 Resp: 414711
 Ion Ratio Lower Upper
 83 100
 85 65.6 50.9 76.3
 127 9.1 7.3 10.9

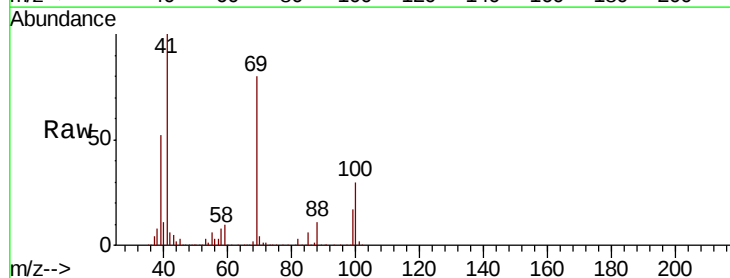


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

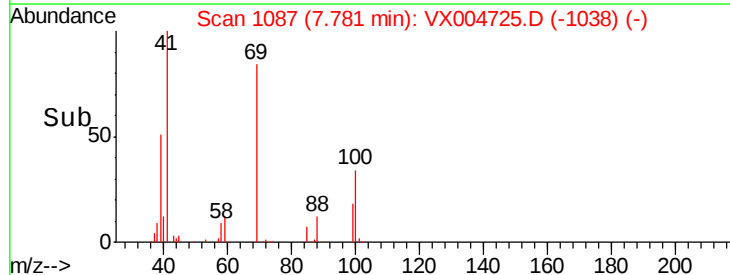
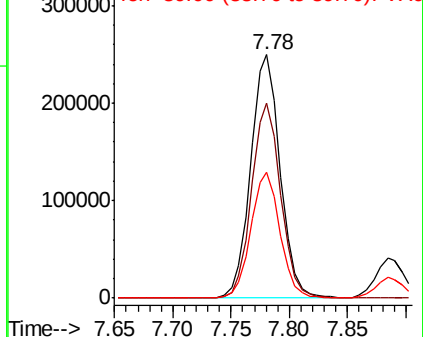


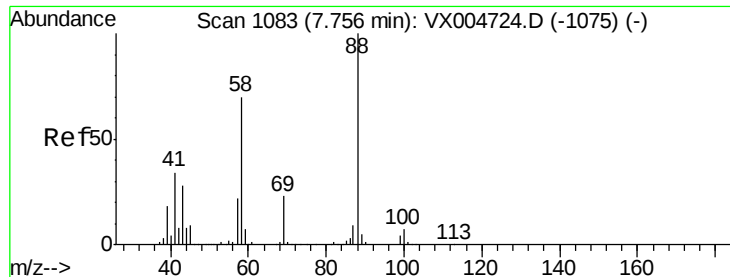
#48
 Methyl methacrylate
 Concen: 111.530 ug/l
 RT: 7.78 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Tgt Ion: 41 Resp: 441238
 Ion Ratio Lower Upper
 41 100
 69 79.5 70.2 105.4
 39 51.0 42.7 64.1



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

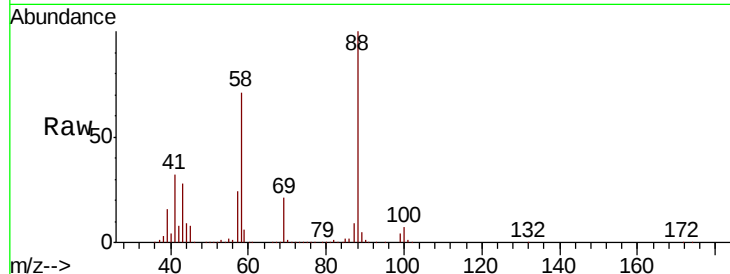




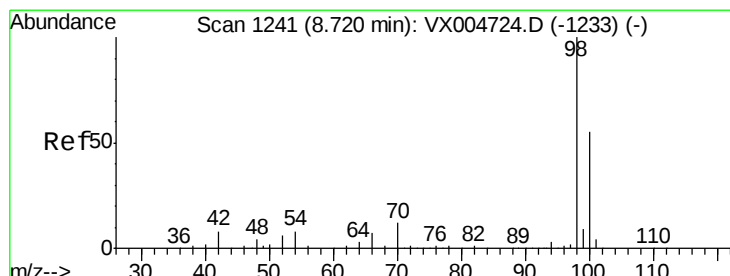
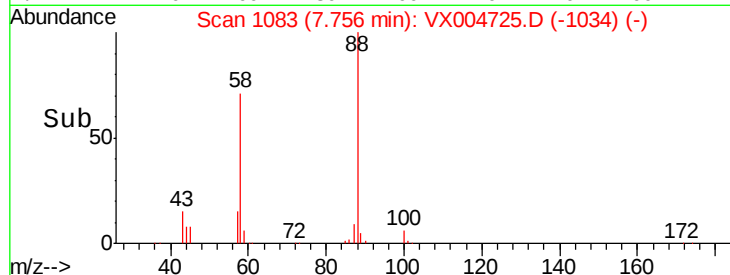
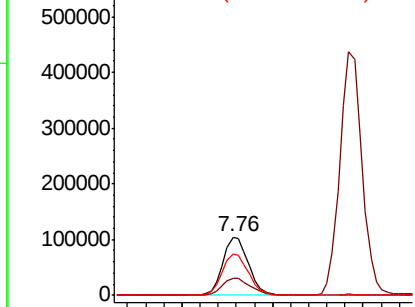
#49
 1,4-Dioxane
 Concen: 2063.268 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tgt Ion: 88 Resp: 204791
 Ion Ratio Lower Upper
 88 100
 43 32.4 24.7 37.1
 58 72.7 55.3 82.9

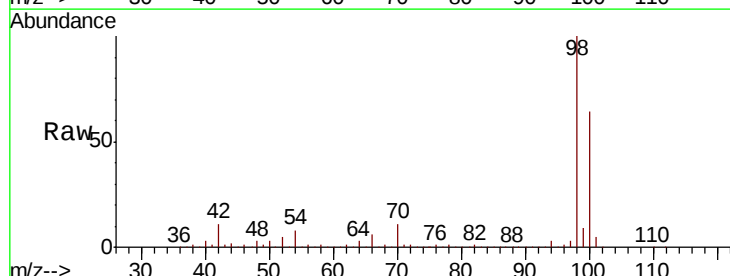


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

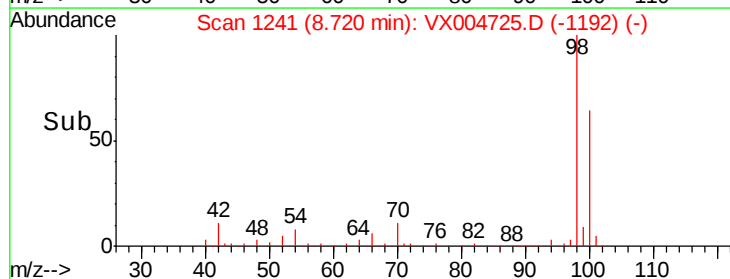
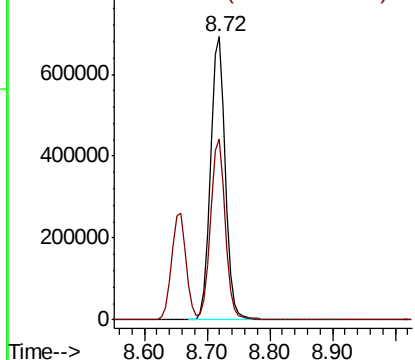


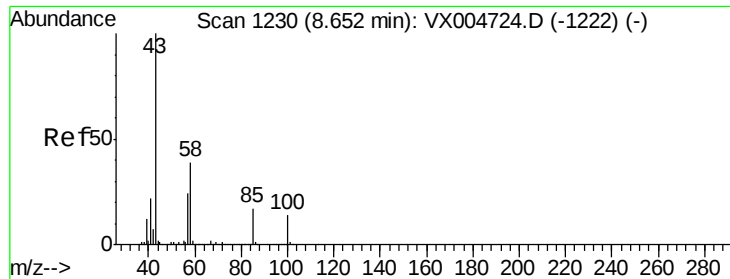
#50
 Toluene-d8
 Concen: 109.836 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Tgt Ion: 98 Resp: 1123453
 Ion Ratio Lower Upper
 98 100
 100 64.2 52.9 79.3



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

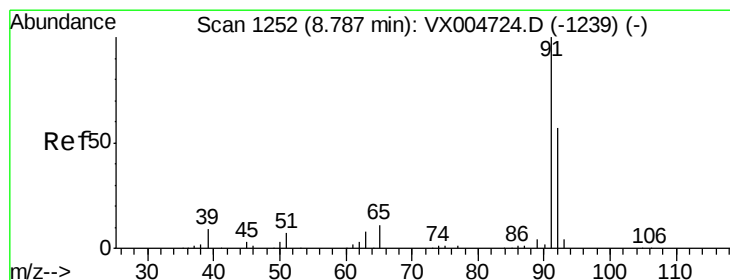
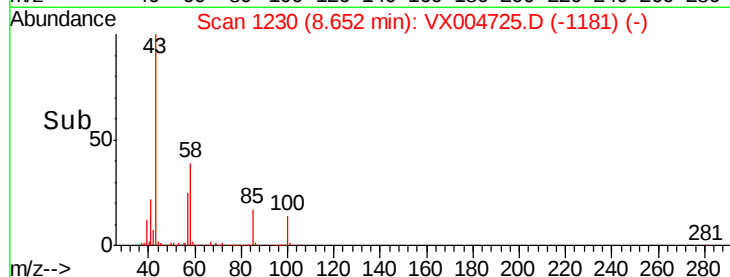
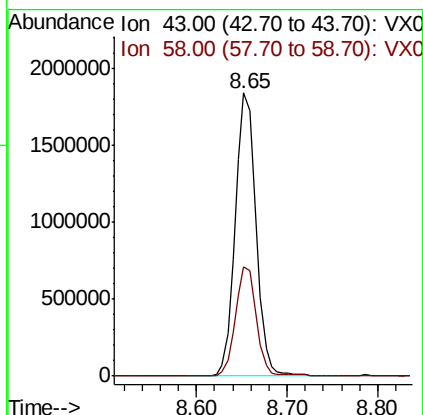
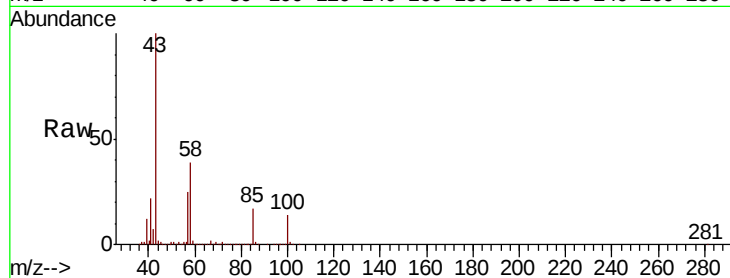




#51
 4-Methyl-2-Pentanone
 Concen: 546.367 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

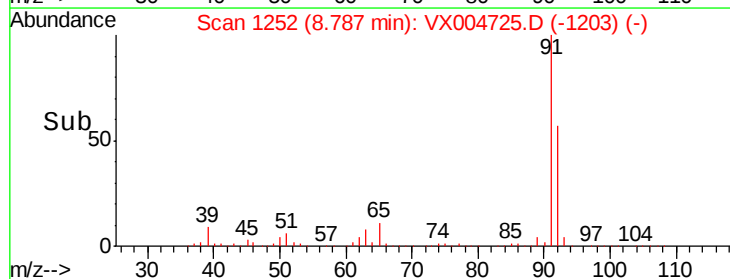
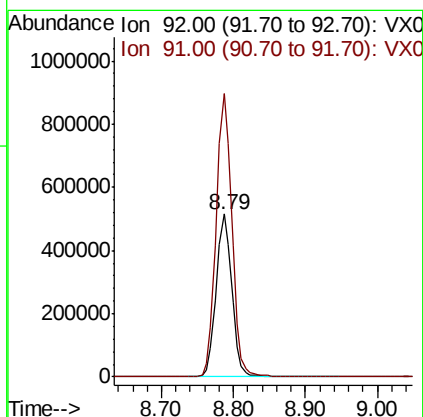
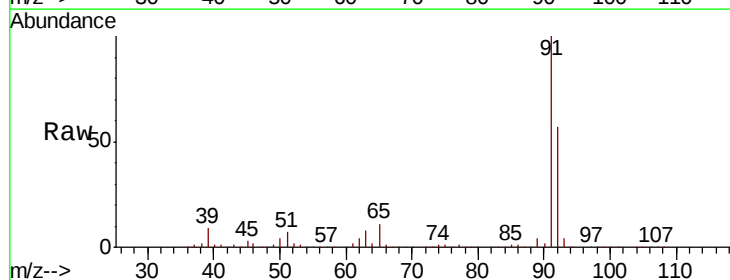
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

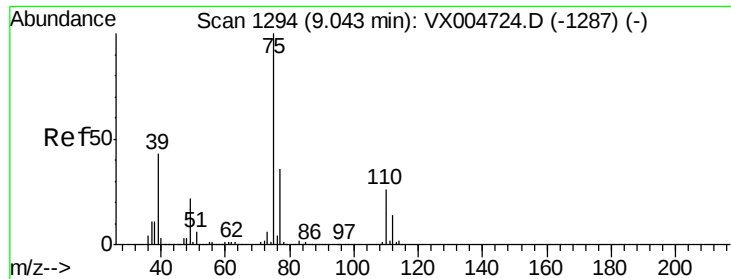
Tgt Ion: 43 Resp: 2963840
 Ion Ratio Lower Upper
 43 100
 58 39.0 33.1 49.7



#52
 Toluene
 Concen: 100.496 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Tgt Ion: 92 Resp: 775274
 Ion Ratio Lower Upper
 92 100
 91 175.2 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 101.398 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

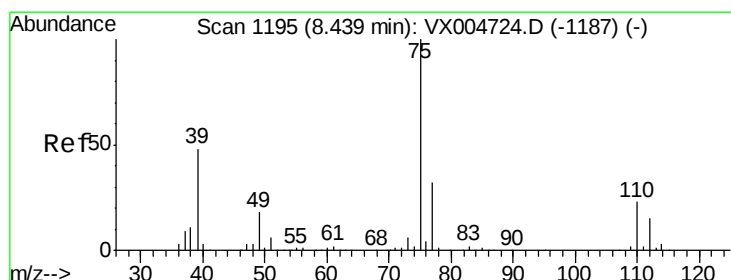
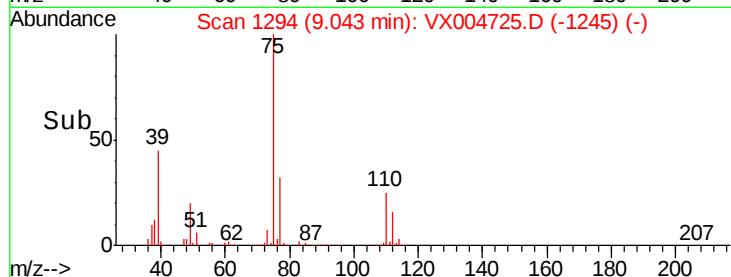
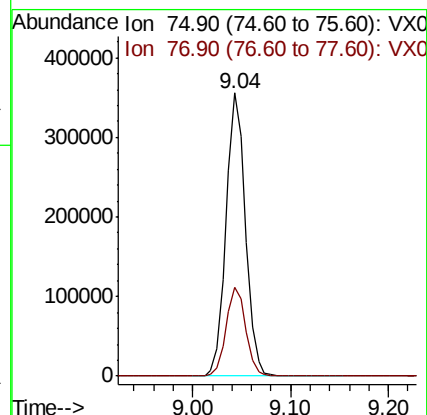
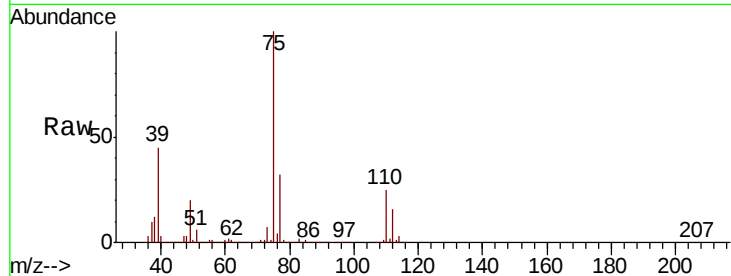
VSTDIC100

Tgt Ion: 75 Resp: 489299

Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 109.777 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

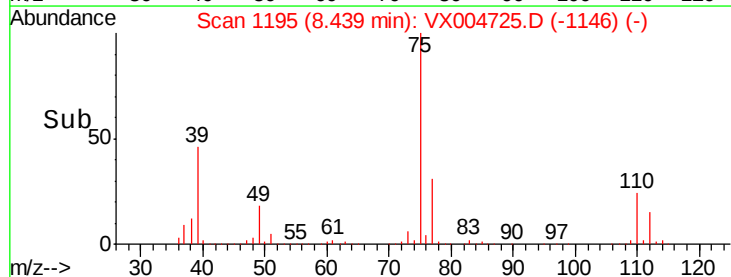
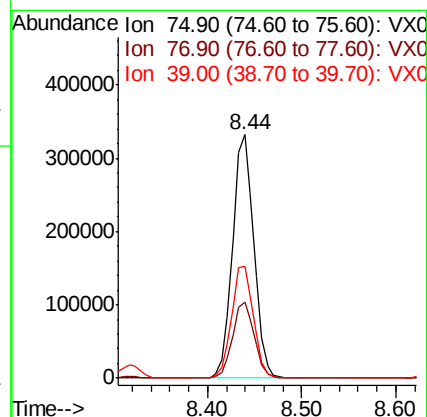
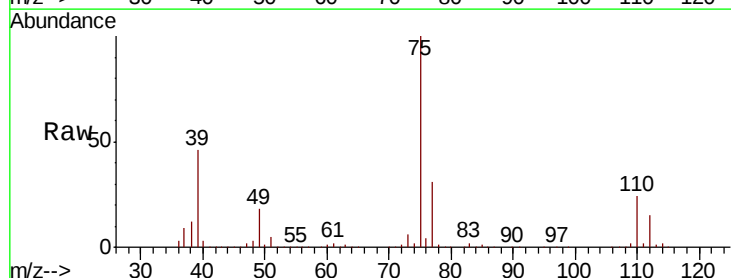
Tgt Ion: 75 Resp: 518603

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.2

39 46.0 36.4 54.6

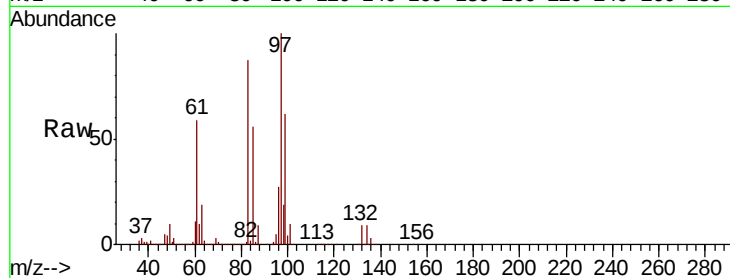




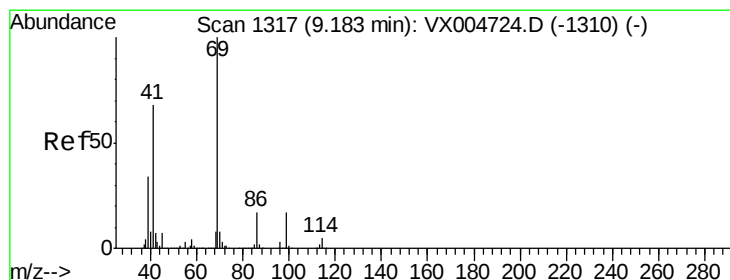
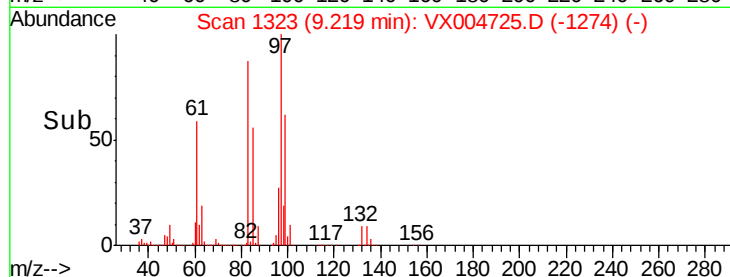
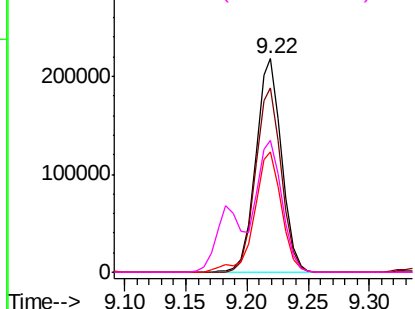
#55
 1,1,2-Trichloroethane
 Concen: 95.267 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	320719
Ion	Ratio	Lower	Upper
97	100		
83	86.5	66.4	99.6
85	56.3	43.3	64.9
99	61.9	49.0	73.4

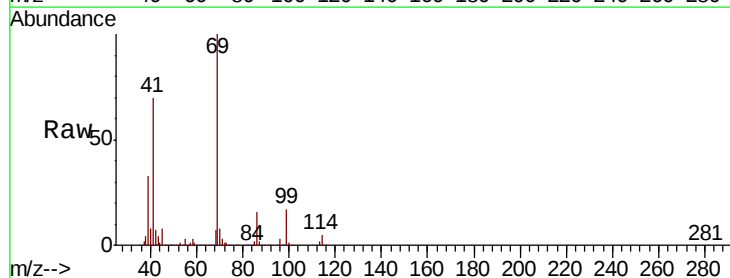


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

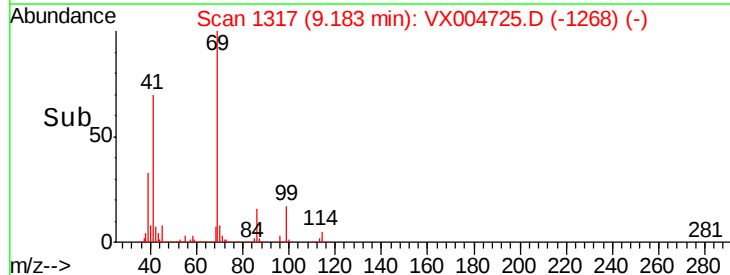
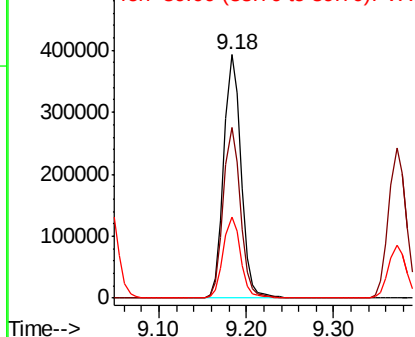


#56
 Ethyl methacrylate
 Concen: 105.119 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Tgt Ion:	69	Resp:	538642
Ion	Ratio	Lower	Upper
69	100		
41	69.6	51.0	76.4
39	33.5	26.1	39.1



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

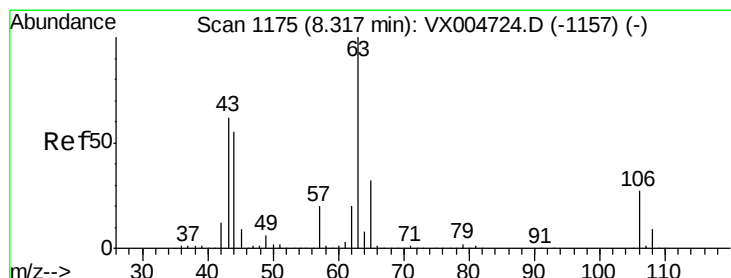
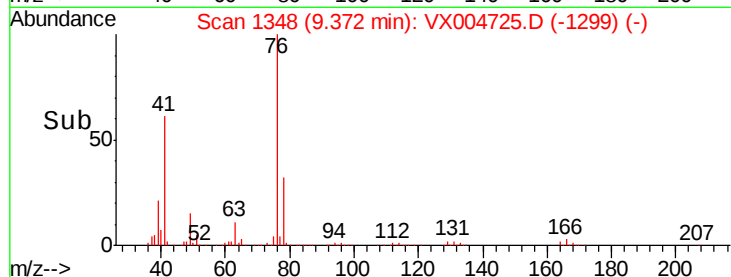
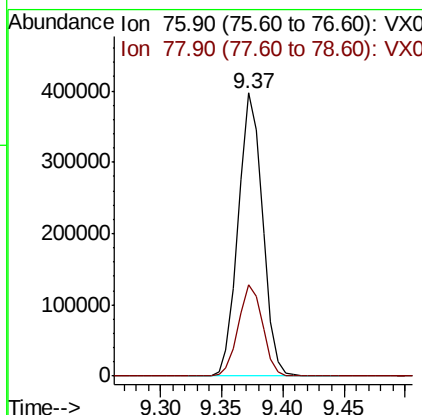
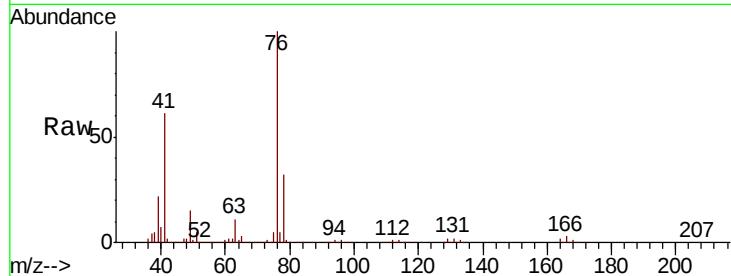




#57
 1,3-Dichloropropane
 Concen: 94.604 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

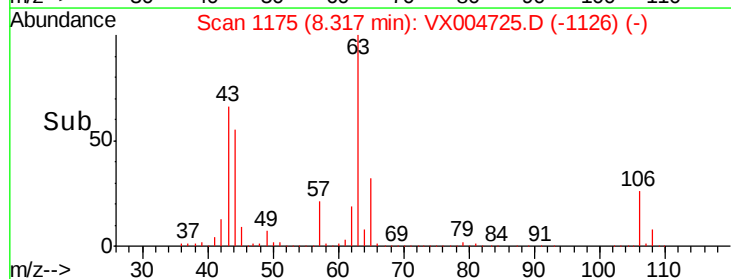
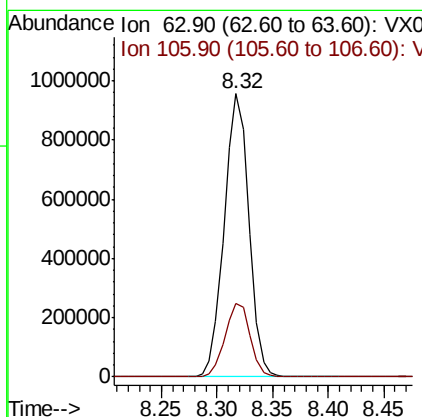
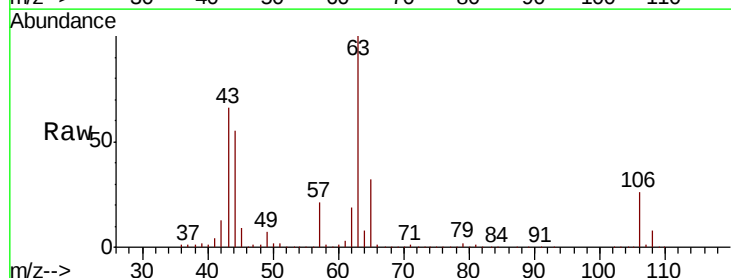
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

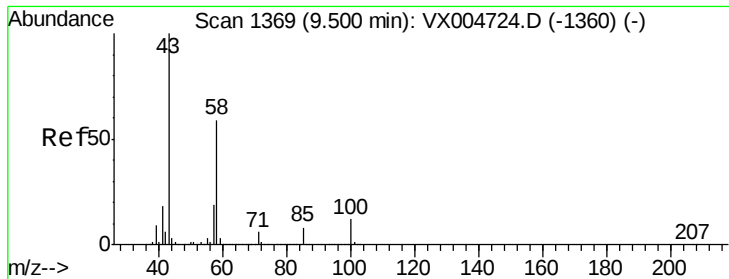
Tgt Ion: 76 Resp: 544732
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 535.729 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Tgt Ion: 63 Resp: 1467357
 Ion Ratio Lower Upper
 63 100
 106 26.6 23.9 35.9

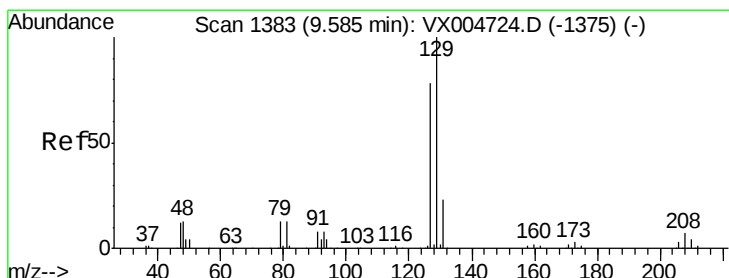
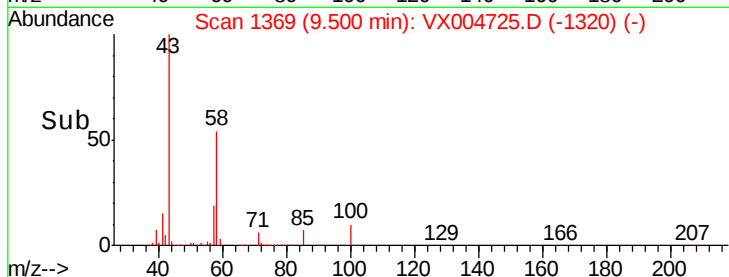
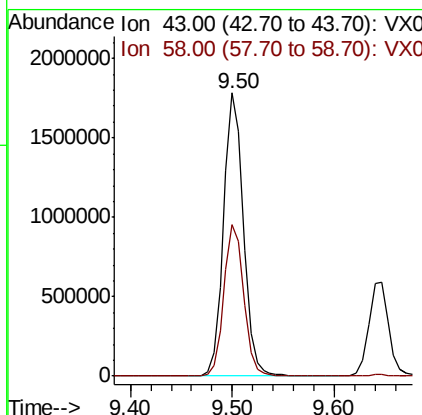
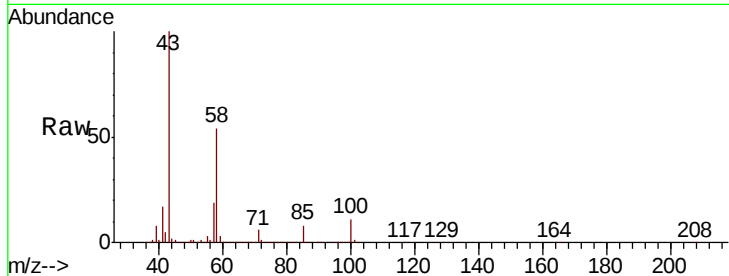




#59
2-Hexanone
Concen: 498.942 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

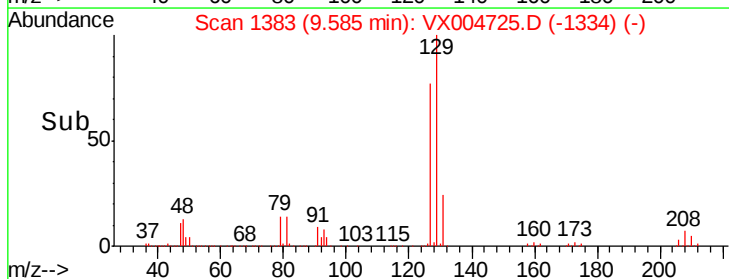
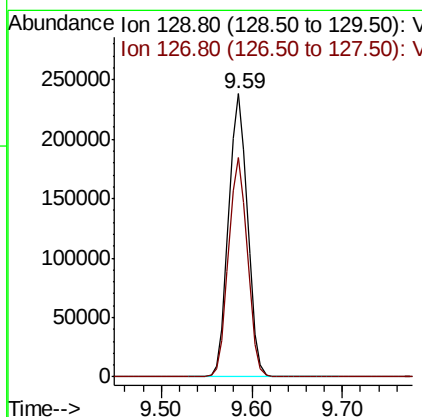
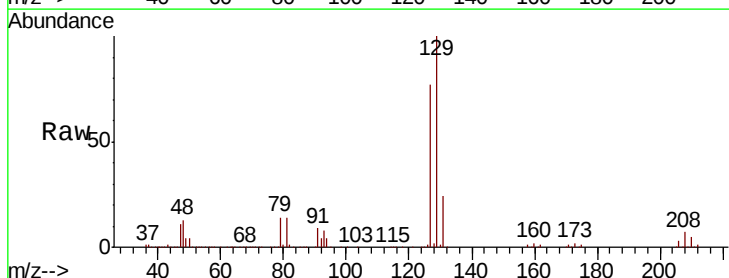
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

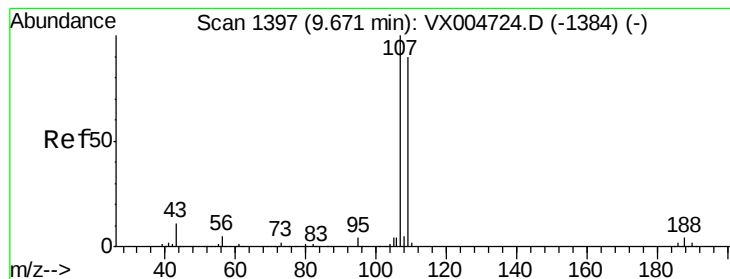
Tgt Ion: 43 Resp: 2416357
Ion Ratio Lower Upper
43 100
58 53.7 29.0 87.0



#60
Dibromochloromethane
Concen: 94.215 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion: 129 Resp: 346540
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 89.268 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

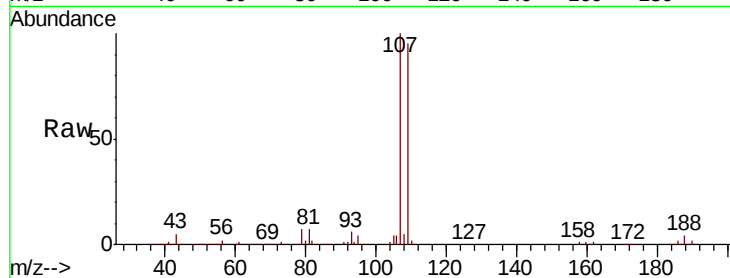
VSTDIC100

Tgt Ion: 107 Resp: 341236

Ion Ratio Lower Upper

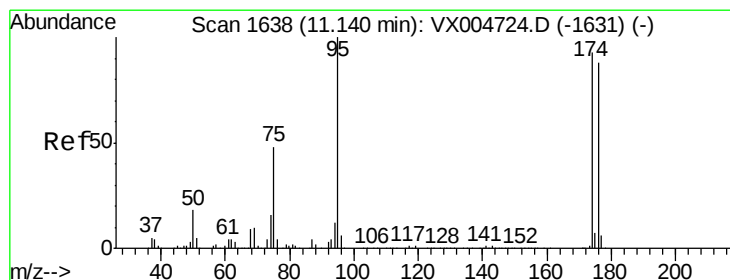
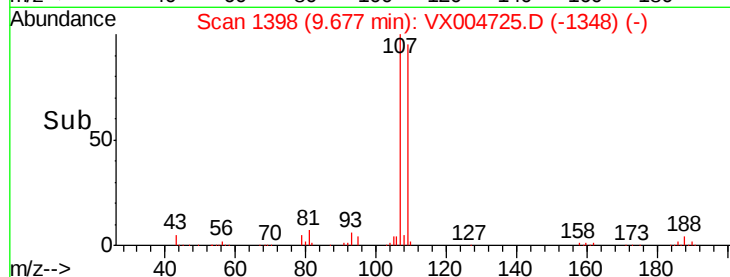
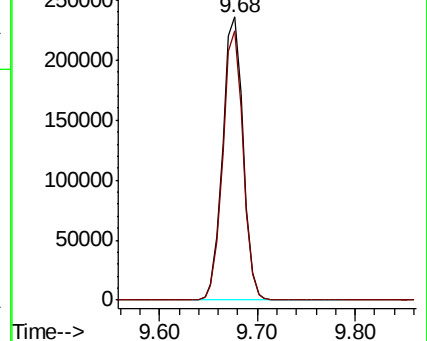
107 100

109 94.3 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 117.152 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

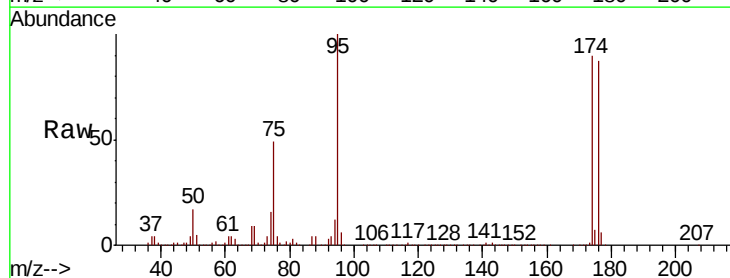
Tgt Ion: 95 Resp: 431641

Ion Ratio Lower Upper

95 100

174 92.0 0.0 185.2

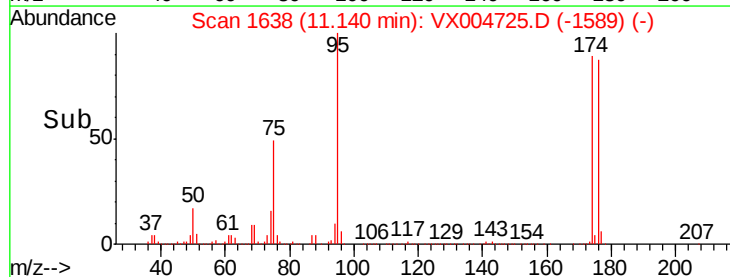
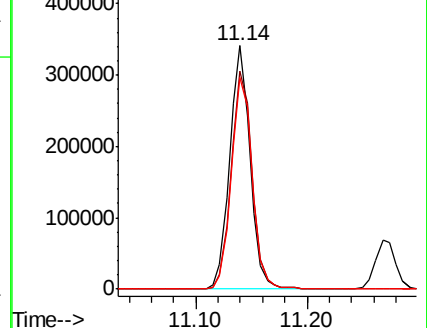
176 89.3 0.0 178.6

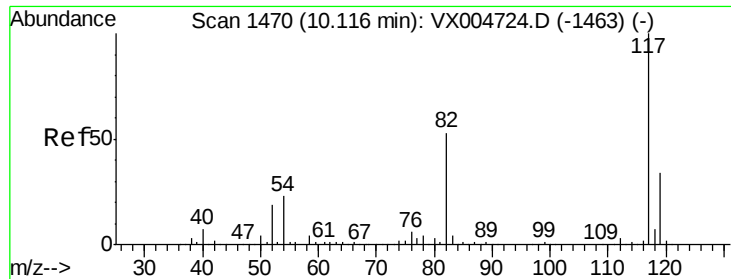


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

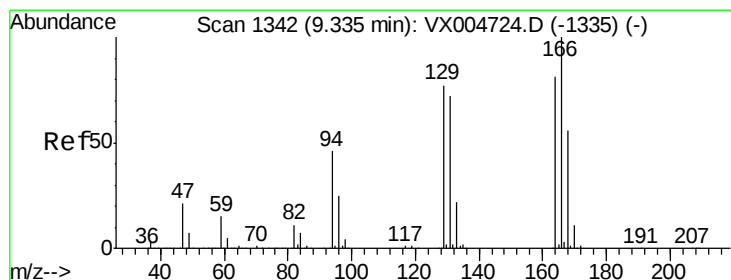
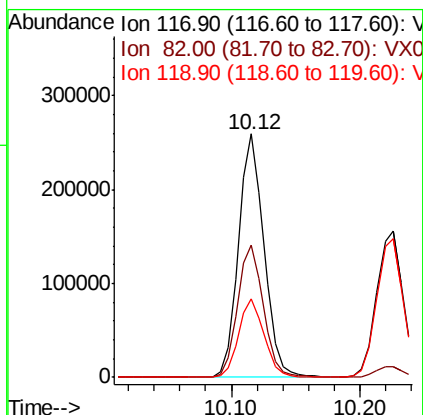
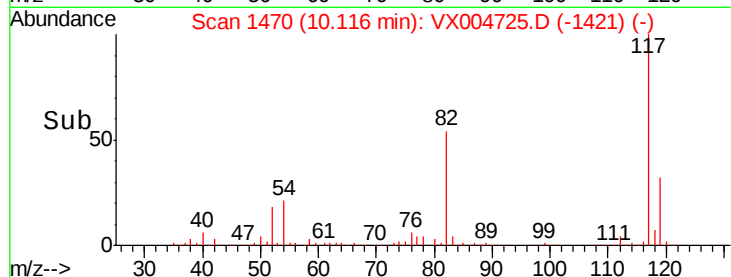
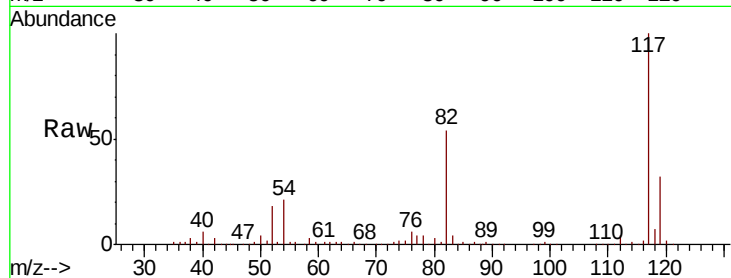




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

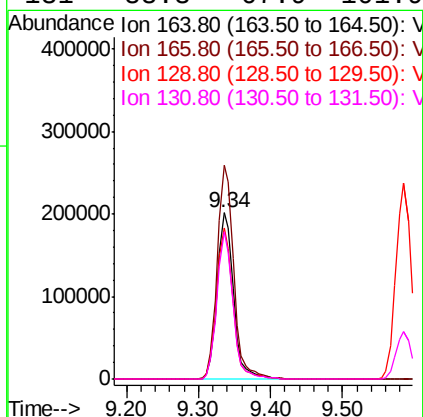
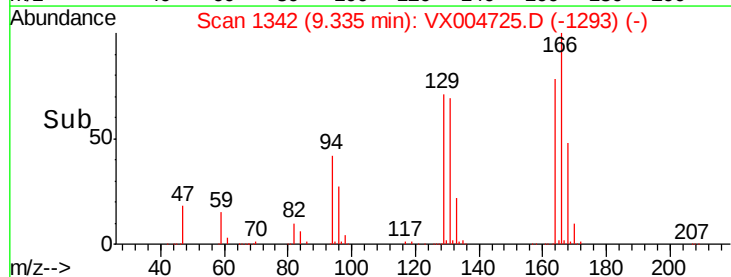
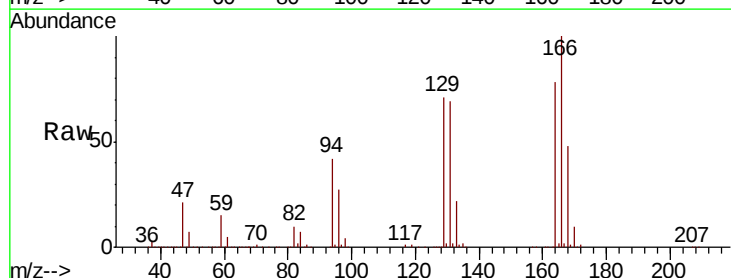
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 355238
Ion Ratio Lower Upper
117 100
82 54.1 47.8 71.6
119 32.3 29.3 43.9



#64
Tetrachloroethene
Concen: 89.062 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion:164 Resp: 317051
Ion Ratio Lower Upper
164 100
166 128.6 102.8 154.2
129 91.3 69.4 104.0
131 88.3 67.9 101.9

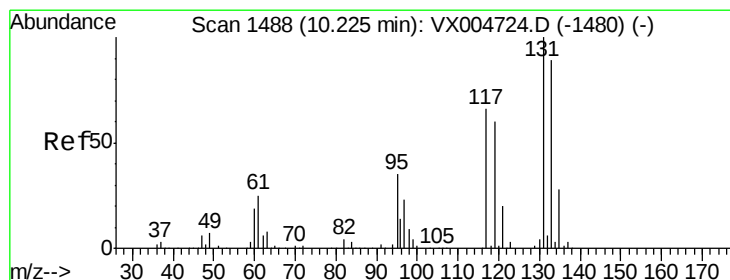
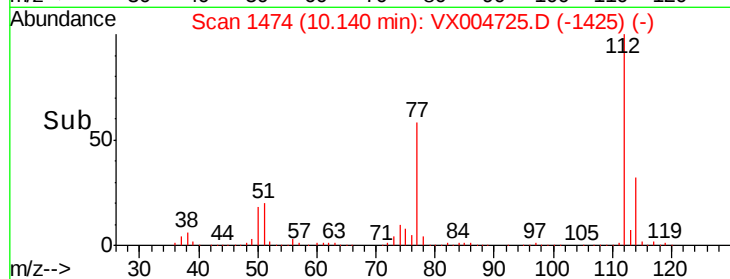
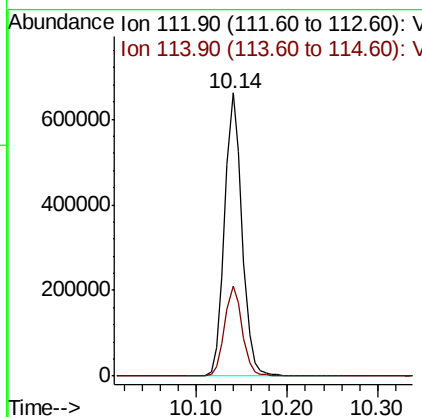
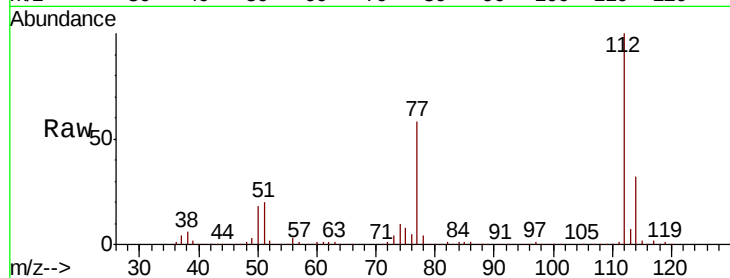




#65
Chlorobenzene
Concen: 99.174 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

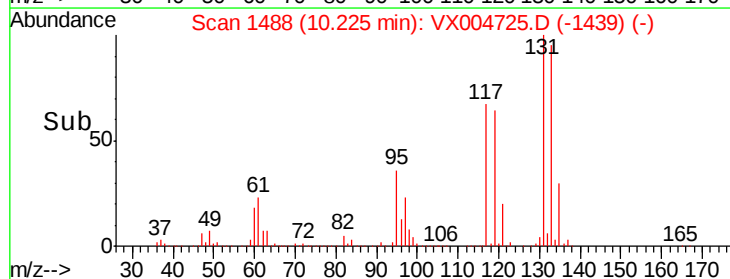
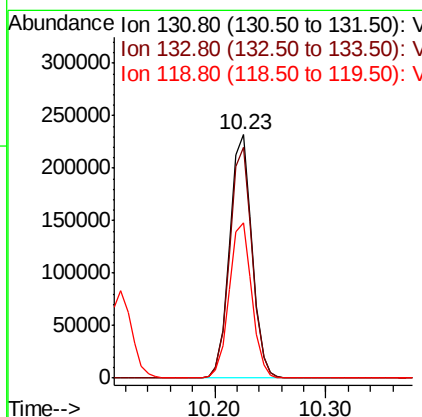
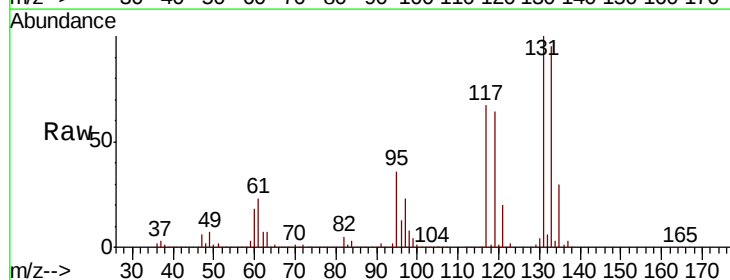
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

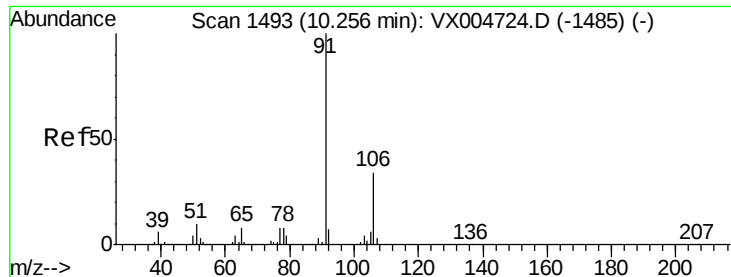
Tgt Ion:112 Resp: 886037
Ion Ratio Lower Upper
112 100
114 31.9 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 103.067 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion:131 Resp: 321627
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.4
119 64.6 32.9 98.6





#67

Ethyl Benzene

Concen: 106.967 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

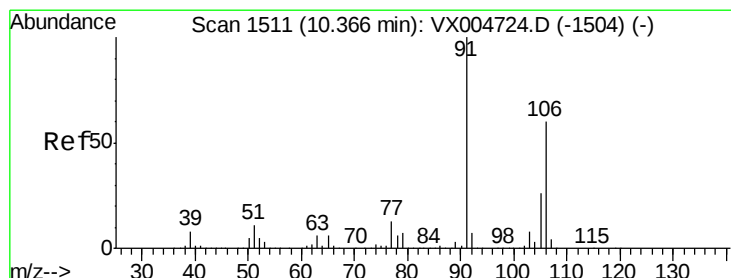
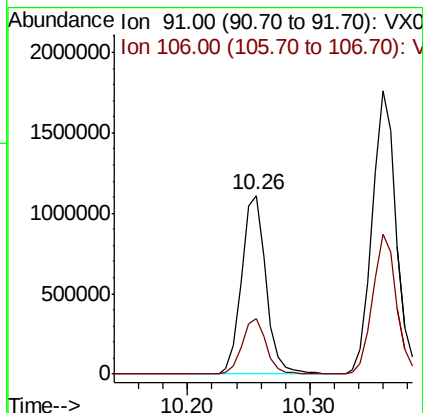
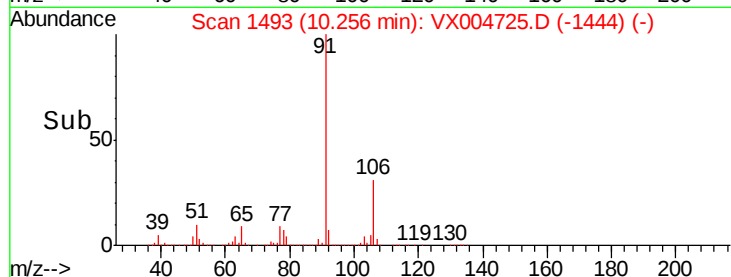
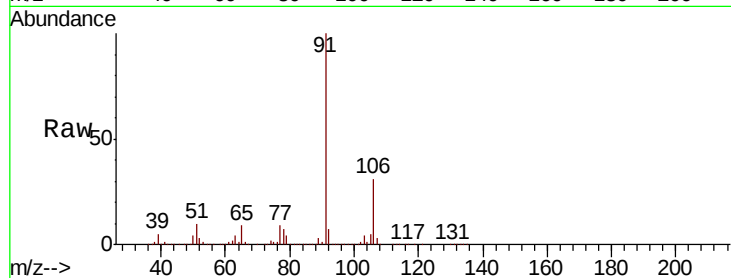
VSTDIC100

Tgt Ion: 91 Resp: 1528303

Ion Ratio Lower Upper

91 100

106 31.2 25.9 38.9



#68

m/p-Xylenes

Concen: 204.331 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004725.D

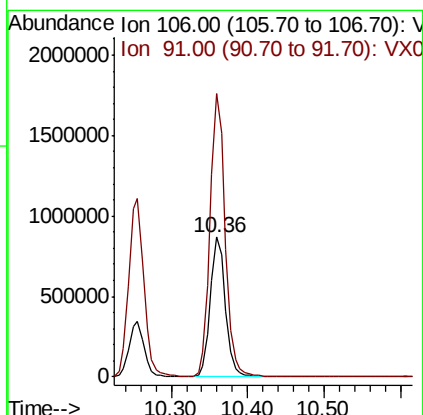
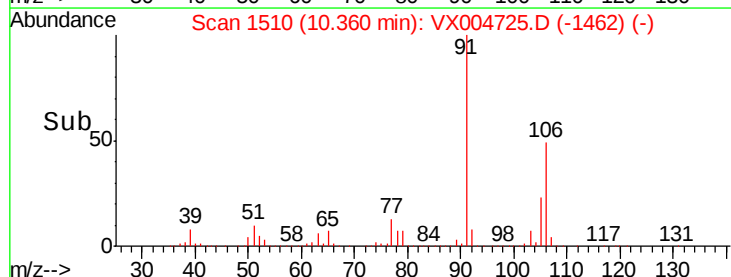
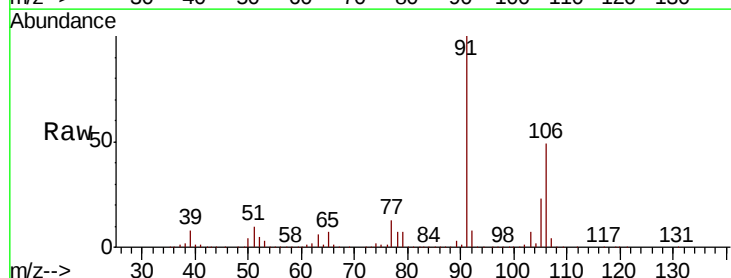
Acq: 26 Sep 2018 13:21

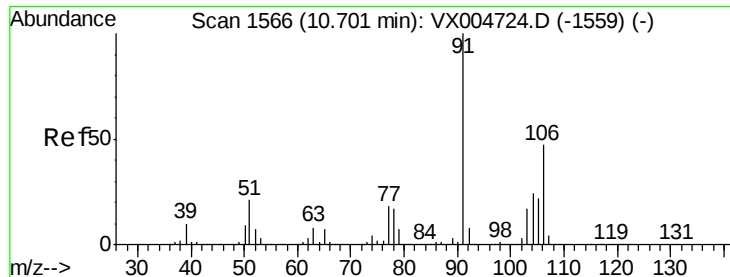
Tgt Ion: 106 Resp: 1194284

Ion Ratio Lower Upper

106 100

91 202.7 157.1 235.7

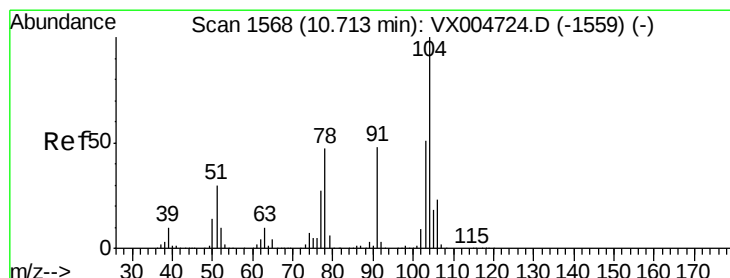
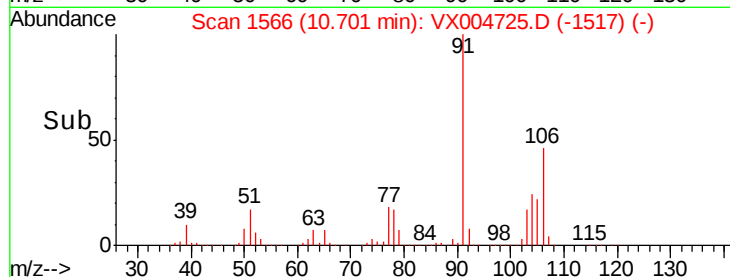
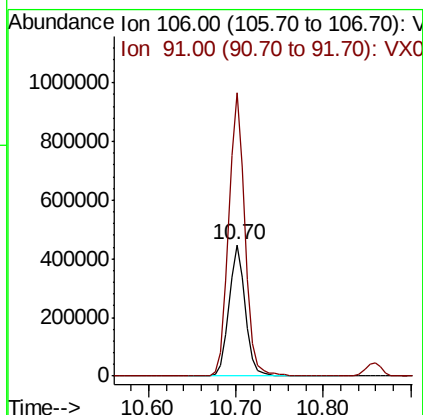
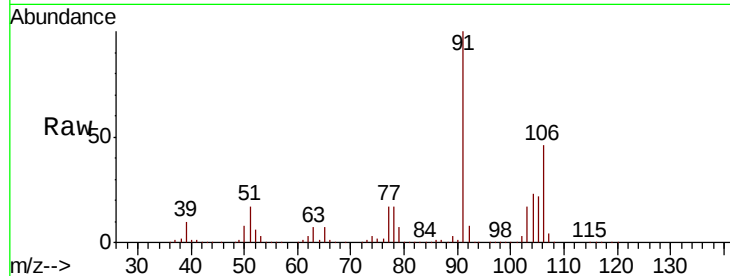




#69
o-Xylene
Concen: 109.254 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

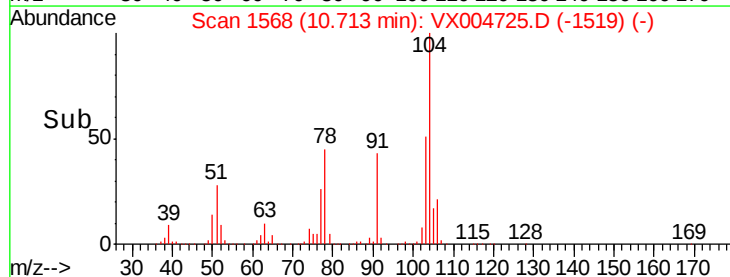
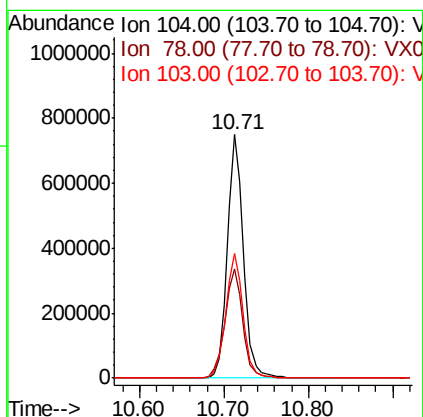
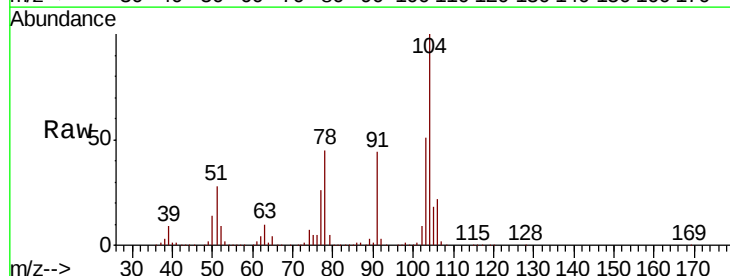
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

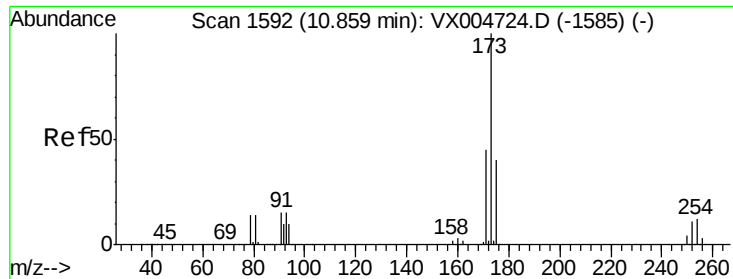
Tgt Ion:106 Resp: 577757
Ion Ratio Lower Upper
106 100
91 215.0 105.1 315.1



#70
Styrene
Concen: 109.048 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion:104 Resp: 986800
Ion Ratio Lower Upper
104 100
78 49.8 37.4 56.0
103 55.5 43.8 65.6

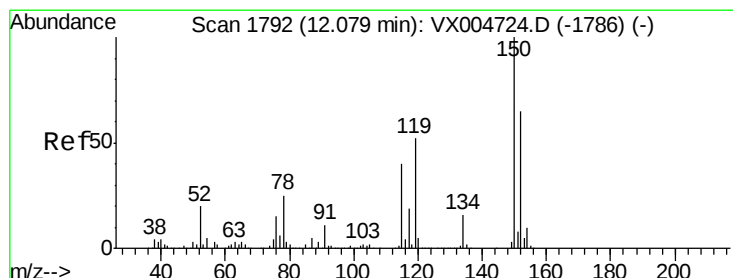
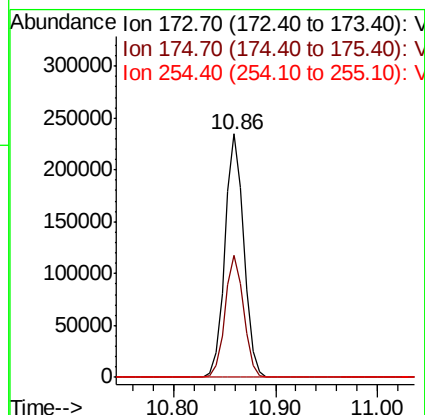
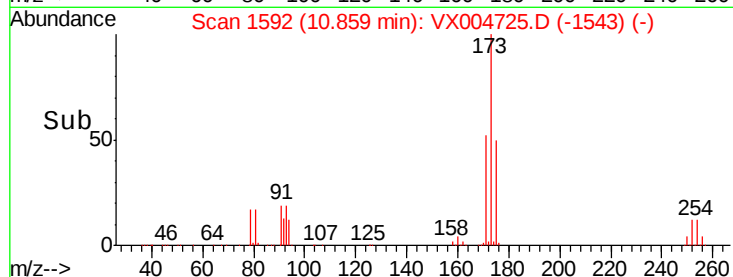
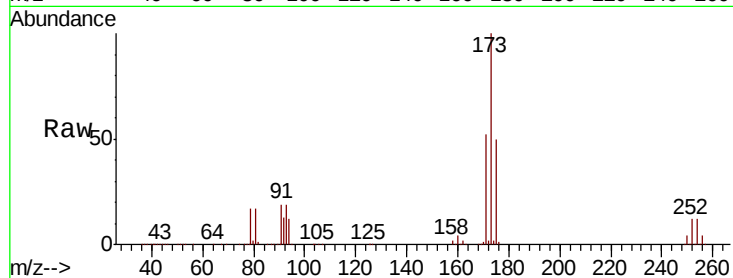




#71
Bromoform
Concen: 107.463 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

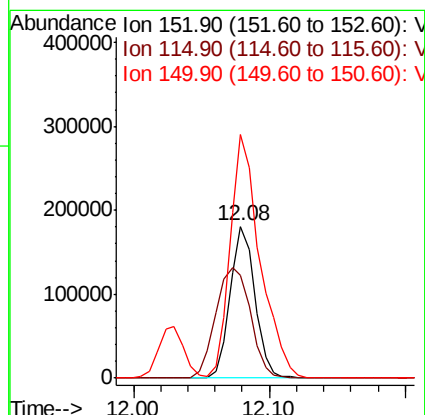
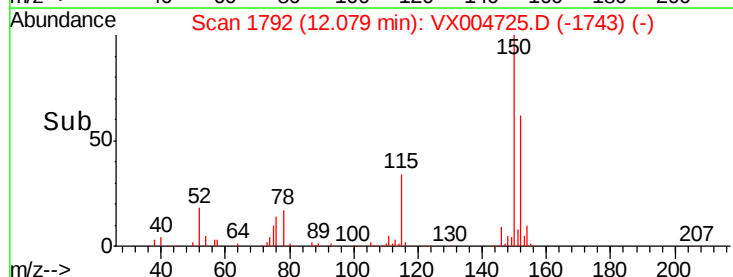
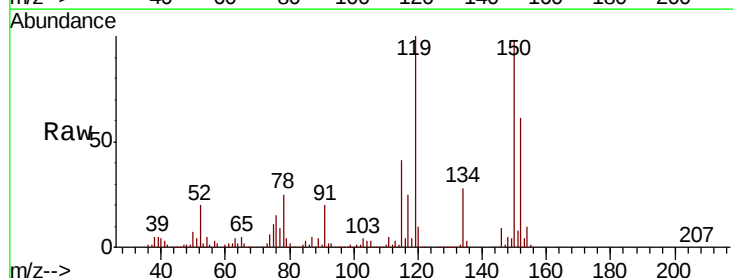
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:173 Resp: 301246
Ion Ratio Lower Upper
173 100
175 49.5 24.1 72.3
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion:152 Resp: 229125
Ion Ratio Lower Upper
152 100
115 101.7 39.0 117.0
150 193.6 0.0 351.0





#73

Isopropylbenzene

Concen: 94.568 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

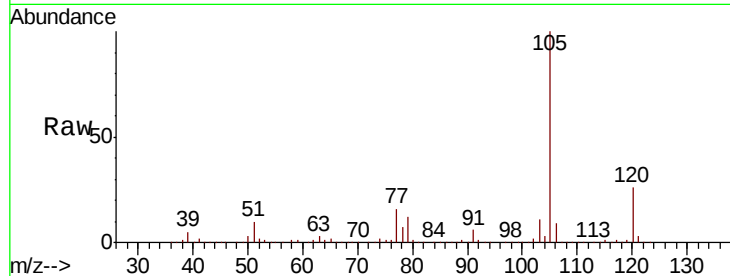
VSTDIC100

Tgt Ion: 105 Resp: 1523113

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

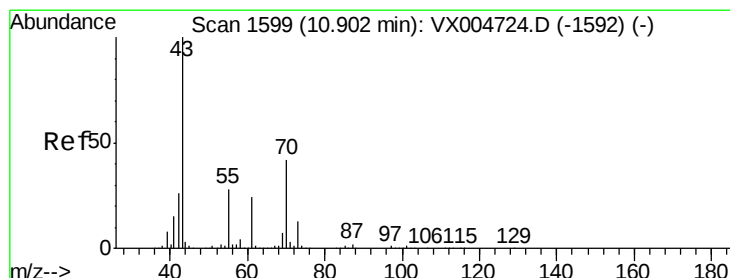
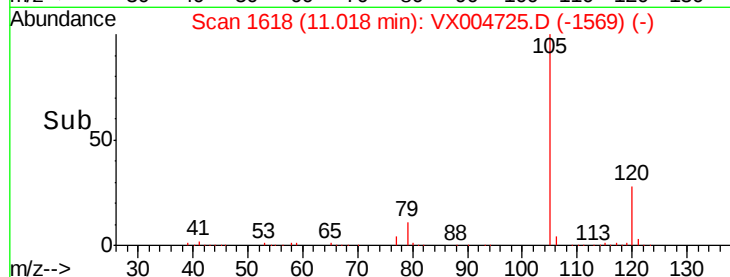
11.02

1000000

500000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 100.818 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Tgt Ion: 43 Resp: 793123

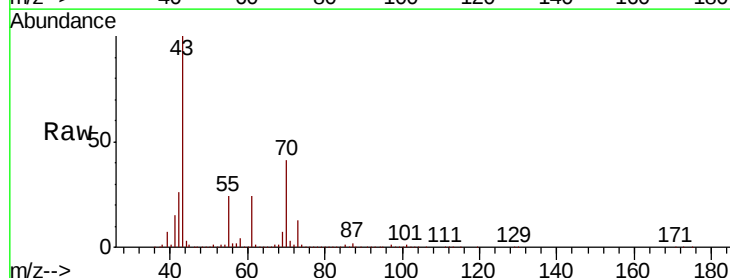
Ion Ratio Lower Upper

43 100

70 40.5 37.4 56.0

55 24.5 21.8 32.8

61 23.8 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

1000000

800000

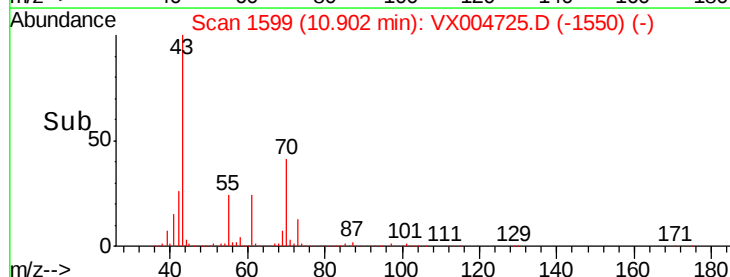
600000

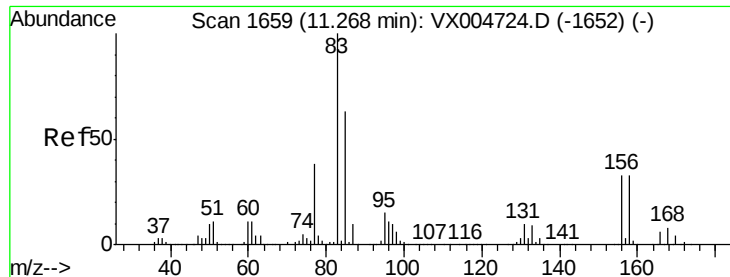
400000

200000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 98.719 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

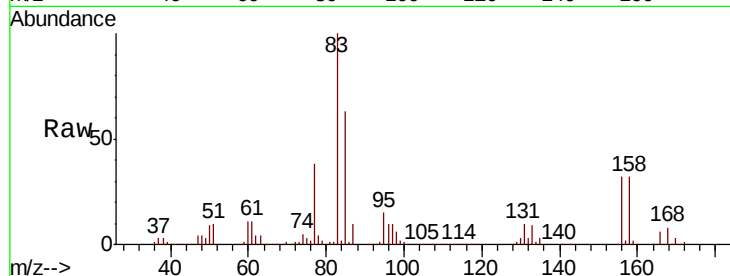
Tgt Ion: 83 Resp: 571960

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

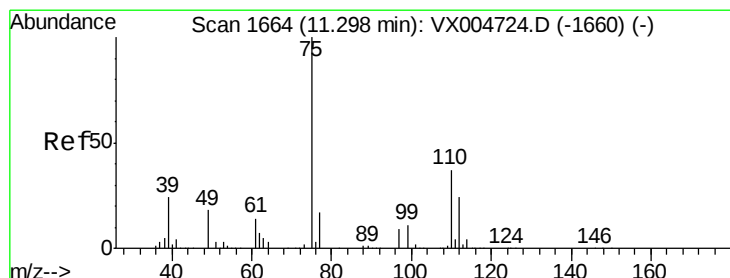
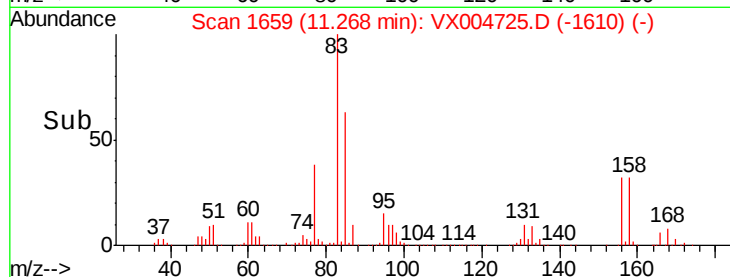
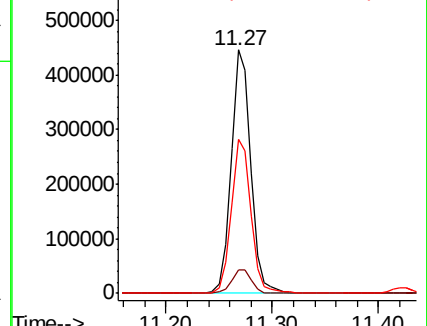
85 64.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 126.857 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004725.D

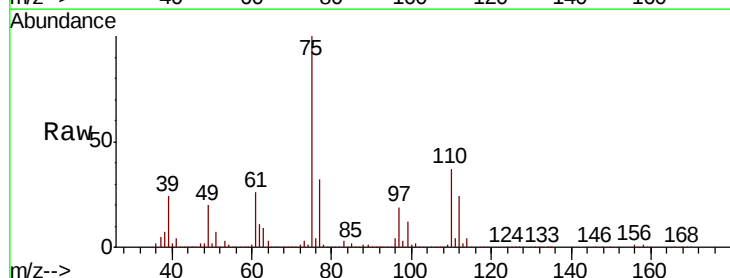
Acq: 26 Sep 2018 13:21

Tgt Ion: 75 Resp: 673489

Ion Ratio Lower Upper

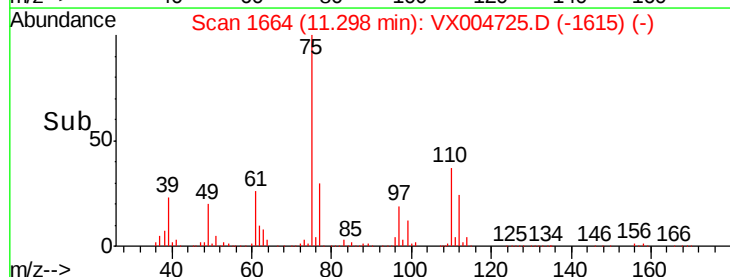
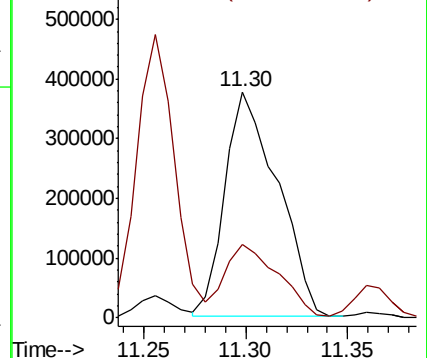
75 100

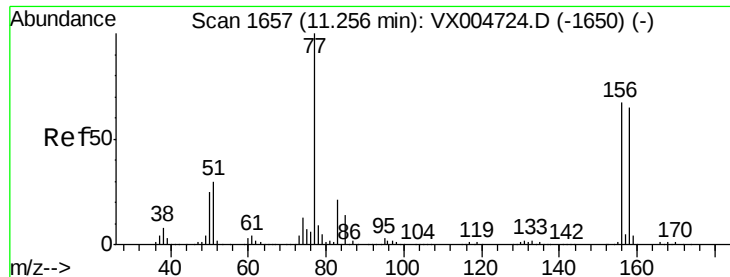
77 33.0 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 96.117 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

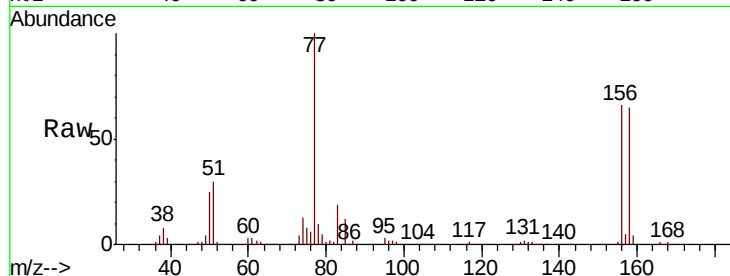
Tgt Ion:156 Resp: 420164

Ion Ratio Lower Upper

156 100

77 146.9 71.5 214.3

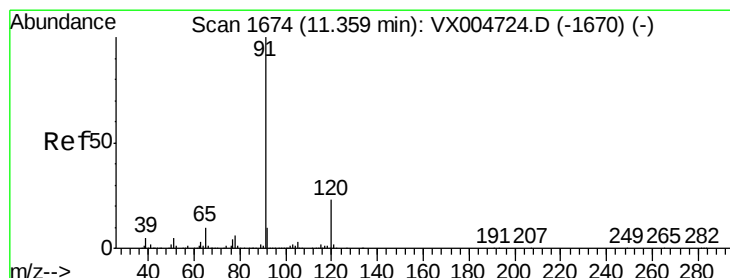
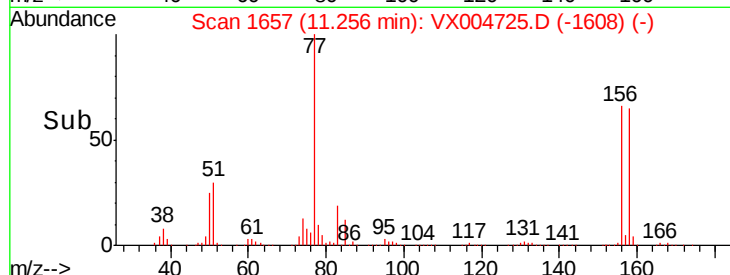
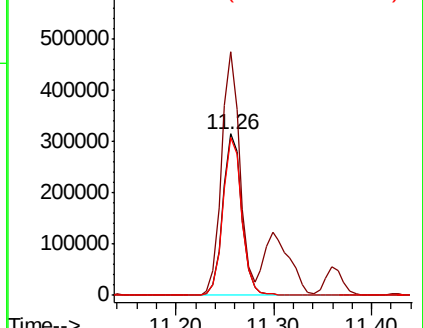
158 97.4 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 96.464 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004725.D

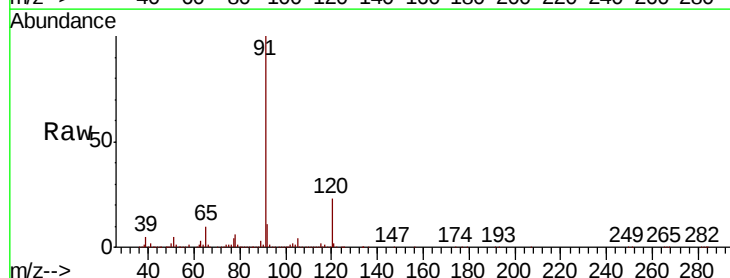
Acq: 26 Sep 2018 13:21

Tgt Ion: 91 Resp: 1796520

Ion Ratio Lower Upper

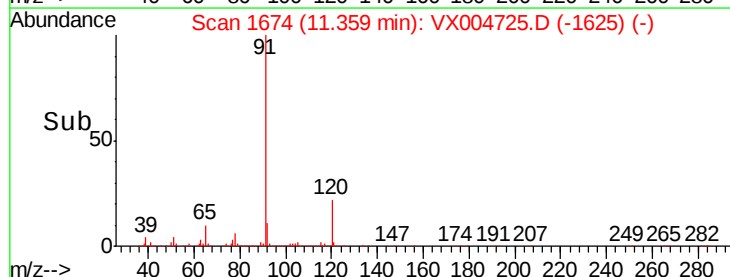
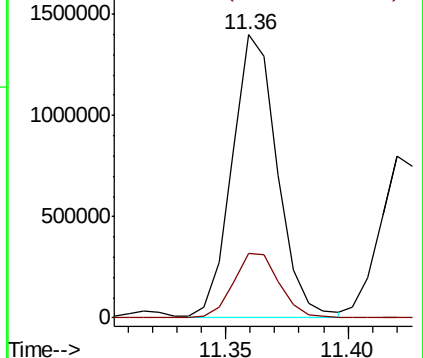
91 100

120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 97.139 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

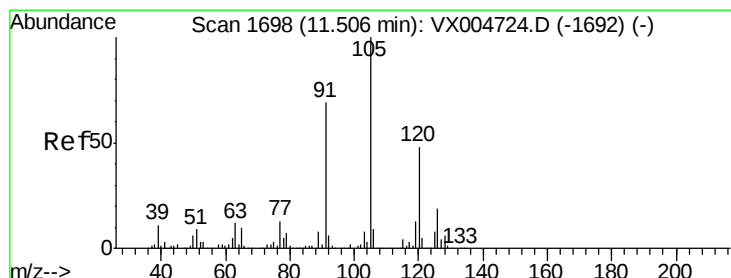
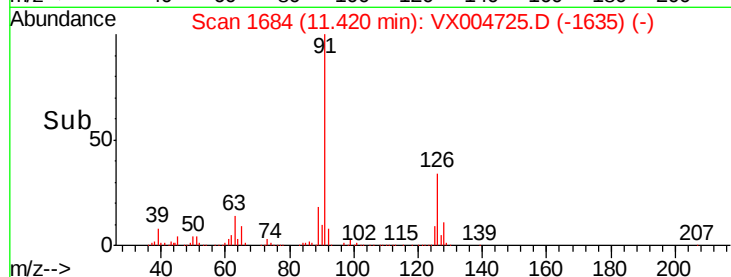
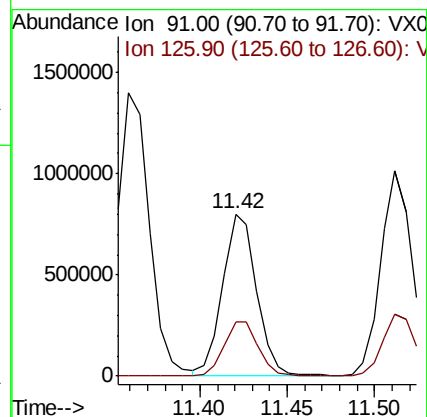
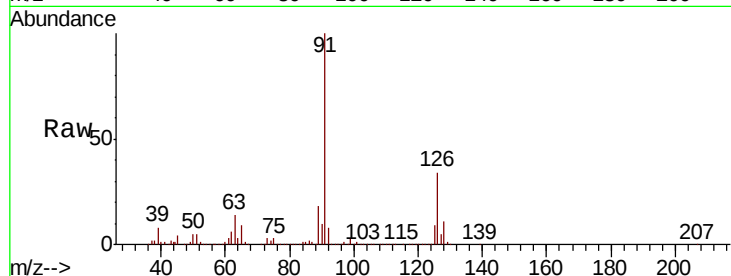
VSTDIC100

Tgt Ion: 91 Resp: 1085864

Ion Ratio Lower Upper

91 100

126 34.3 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 95.685 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004725.D

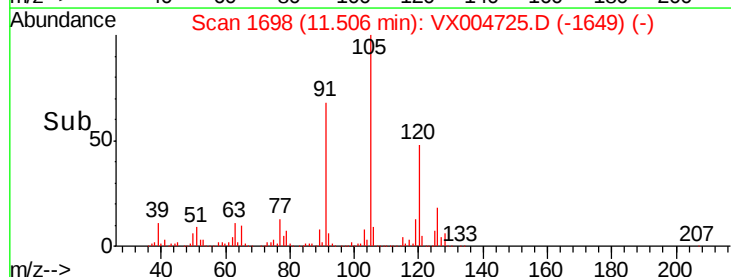
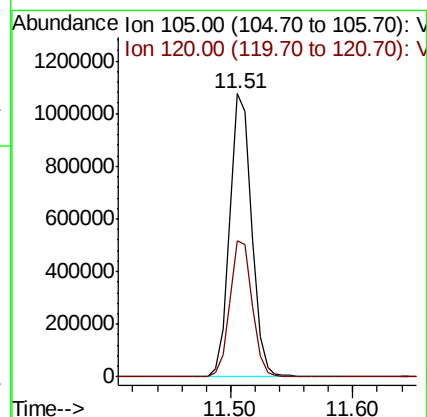
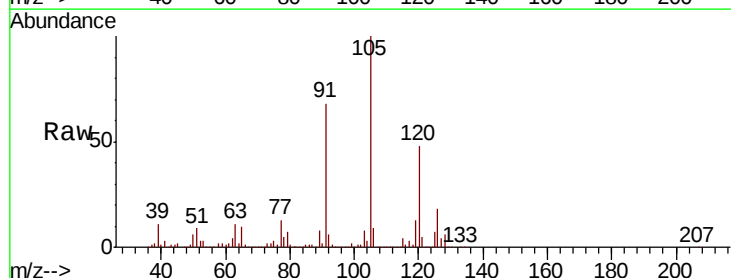
Acq: 26 Sep 2018 13:21

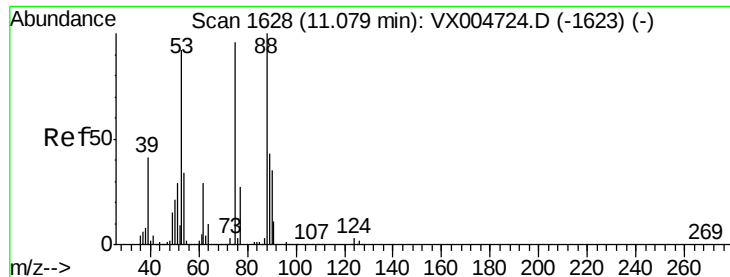
Tgt Ion: 105 Resp: 1327238

Ion Ratio Lower Upper

105 100

120 48.9 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 105.633 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

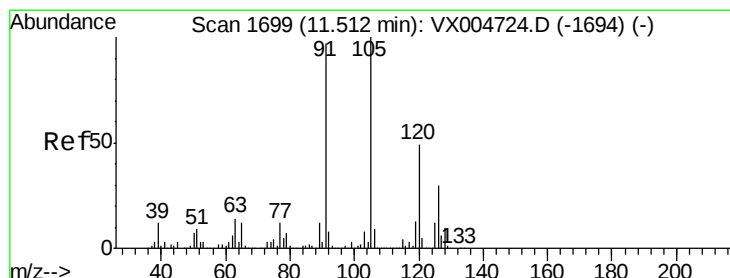
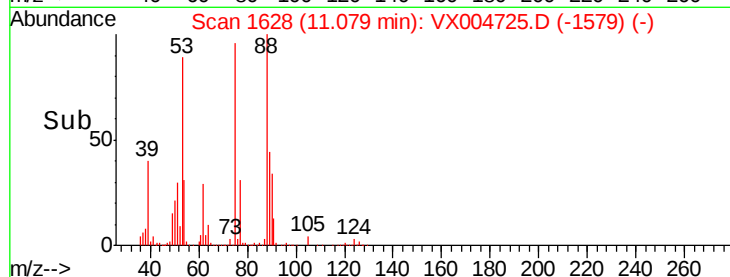
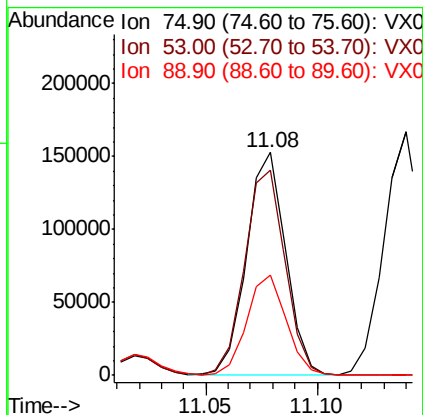
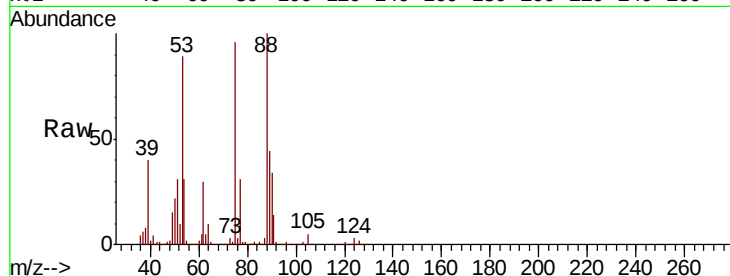
Tgt Ion: 75 Resp: 186309

Ion Ratio Lower Upper

75 100

53 95.8 80.1 120.1

89 45.8 37.2 55.8



#82

4-Chlorotoluene

Concen: 96.078 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004725.D

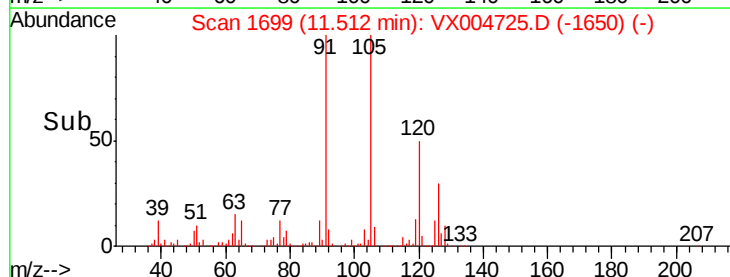
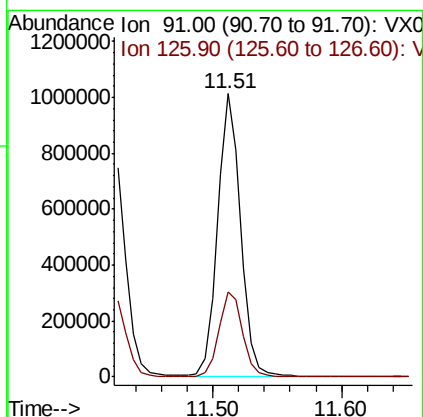
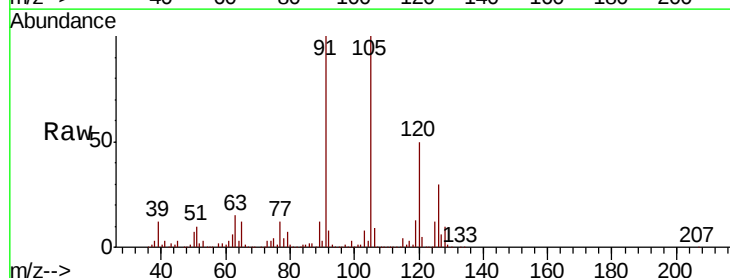
Acq: 26 Sep 2018 13:21

Tgt Ion: 91 Resp: 1277465

Ion Ratio Lower Upper

91 100

126 30.9 15.5 46.5

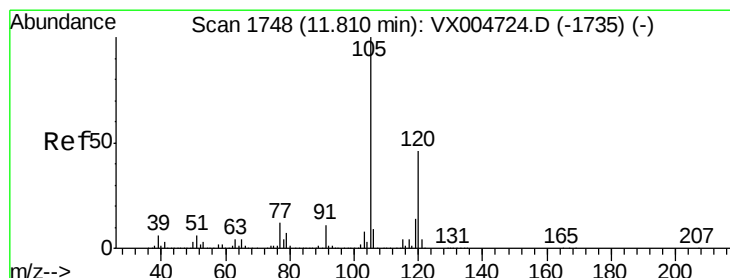
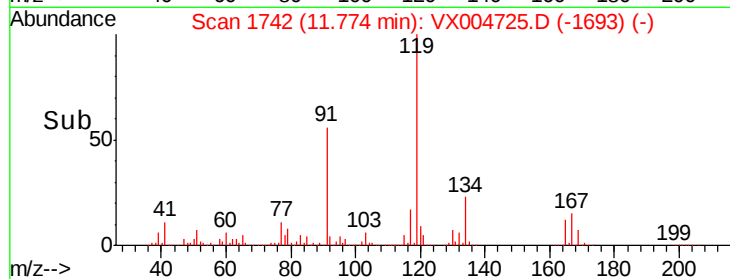
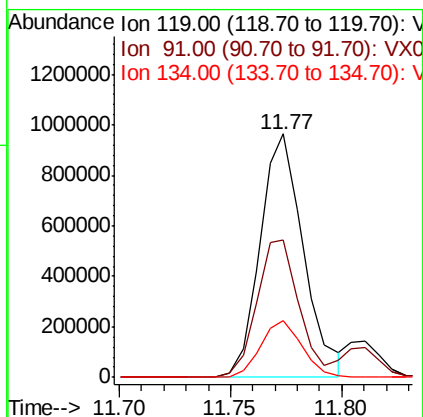
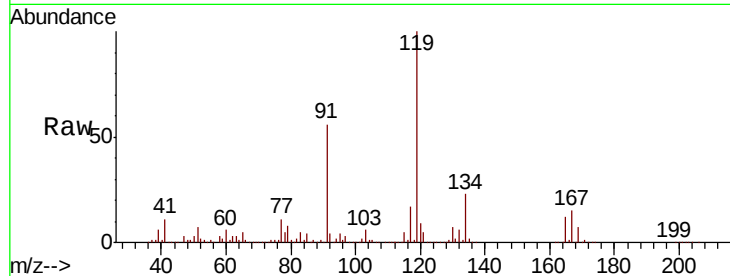




#83
 tert-Butylbenzene
 Concen: 98.695 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

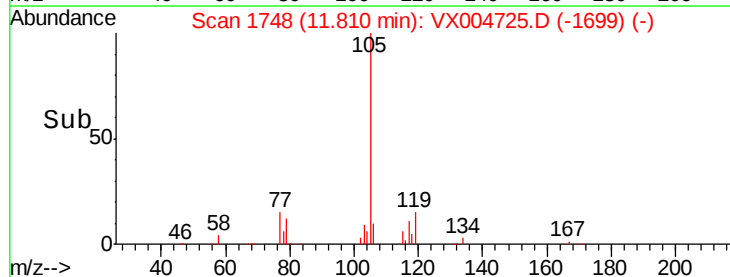
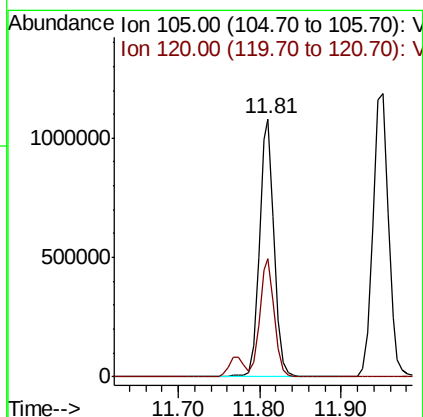
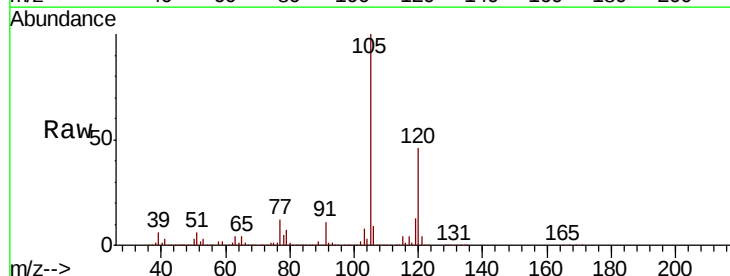
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

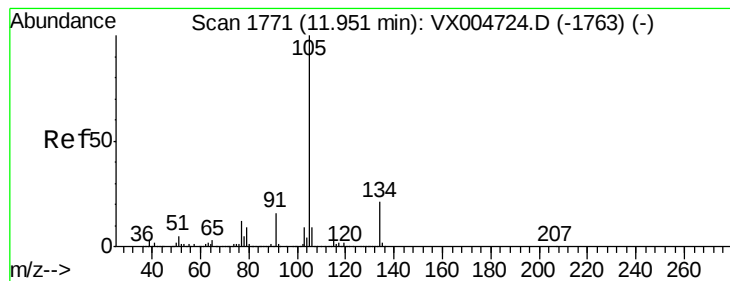
Tgt Ion:119 Resp: 1302551
 Ion Ratio Lower Upper
 119 100
 91 54.7 27.0 81.0
 134 22.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 96.137 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004725.D
 Acq: 26 Sep 2018 13:21

Tgt Ion:105 Resp: 1371995
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 96.775 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampled :

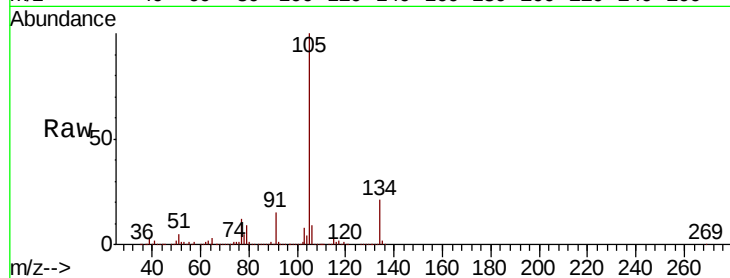
VSTDICC100

Tgt Ion:105 Resp: 1554391

Ion Ratio Lower Upper

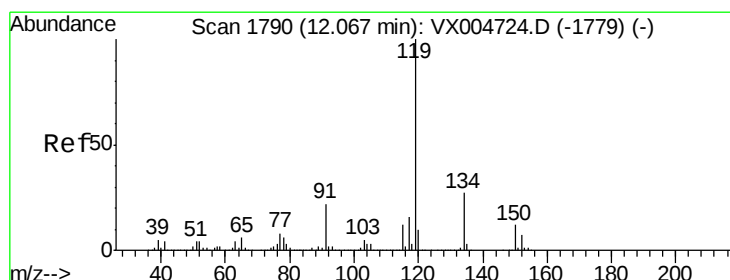
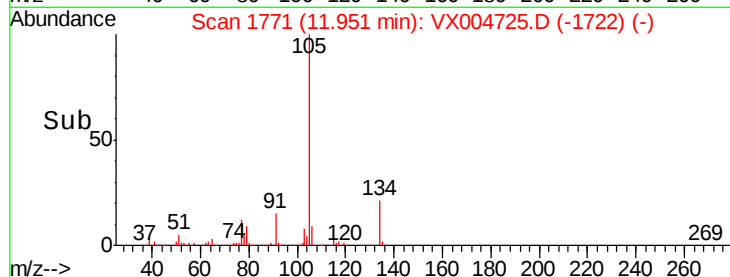
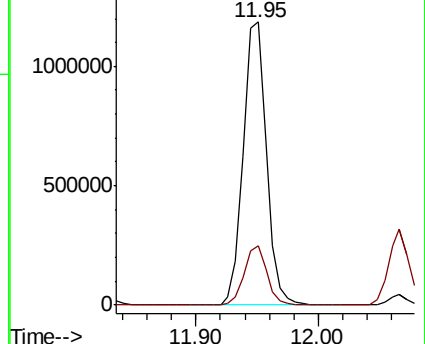
105 100

134 20.4 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 96.601 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

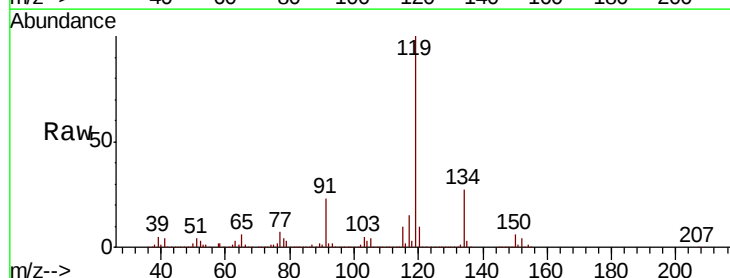
Tgt Ion:119 Resp: 1410106

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

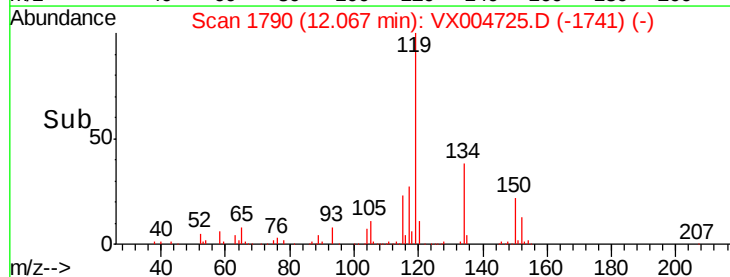
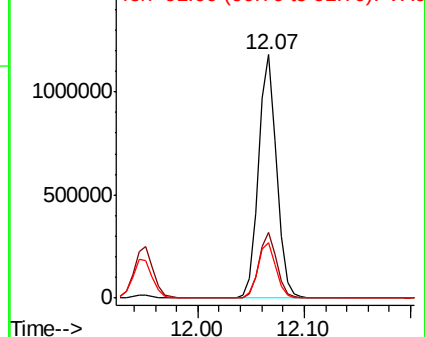
91 22.9 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 96.974 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

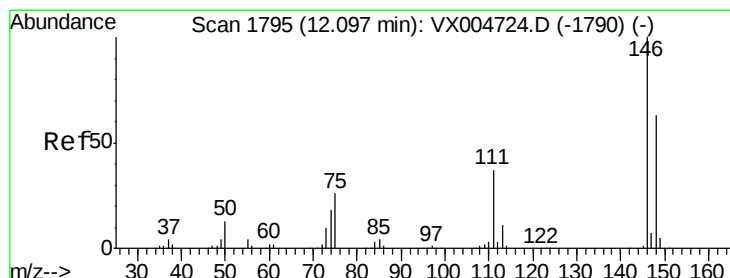
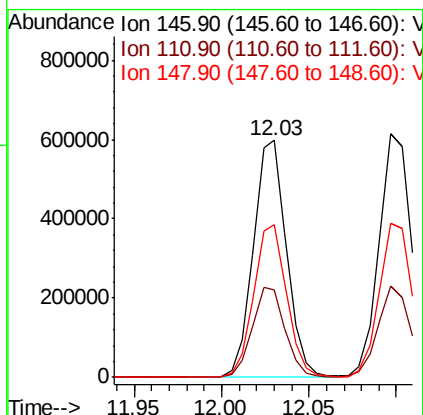
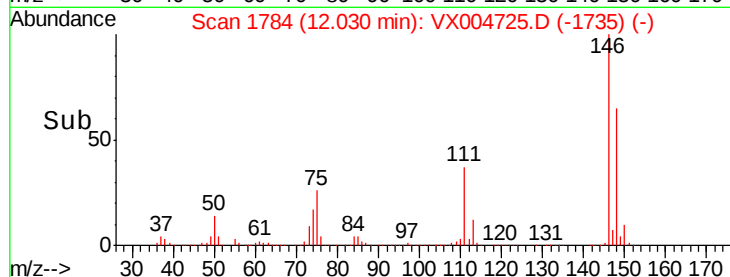
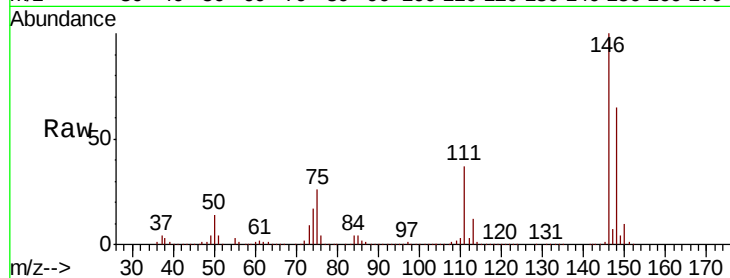
Tgt Ion:146 Resp: 785734

Ion Ratio Lower Upper

146 100

111 38.0 18.7 56.1

148 64.3 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 97.359 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

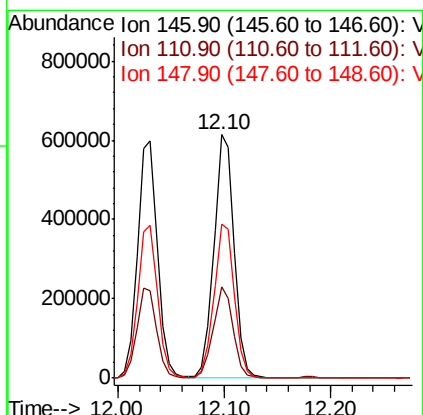
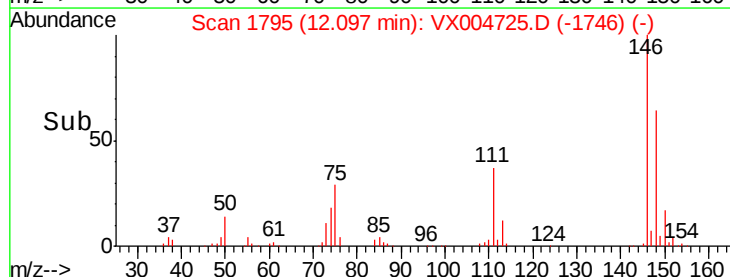
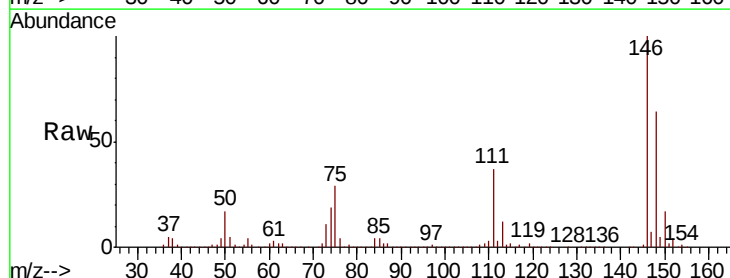
Tgt Ion:146 Resp: 800687

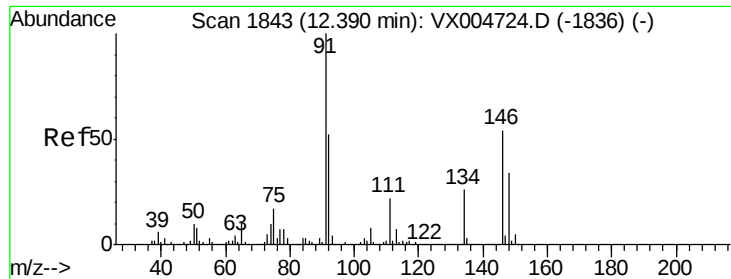
Ion Ratio Lower Upper

146 100

111 36.7 18.1 54.1

148 63.8 32.0 96.0





#89

n-Butylbenzene

Concen: 99.629 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

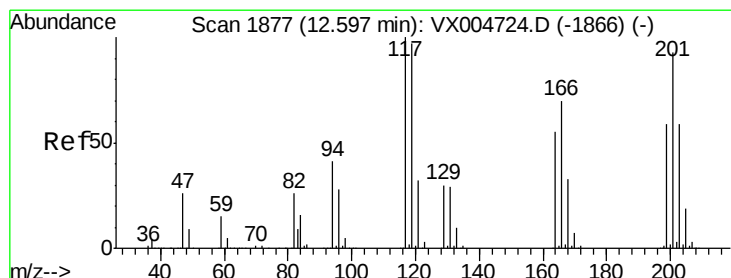
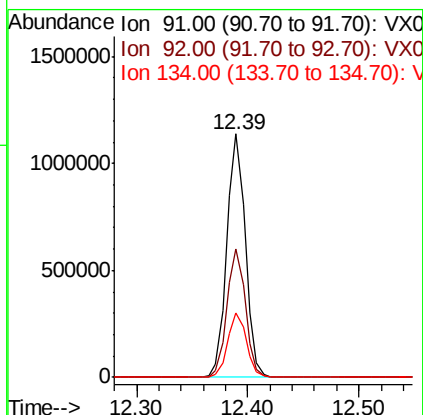
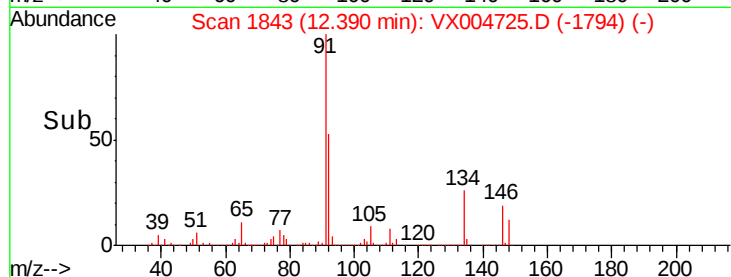
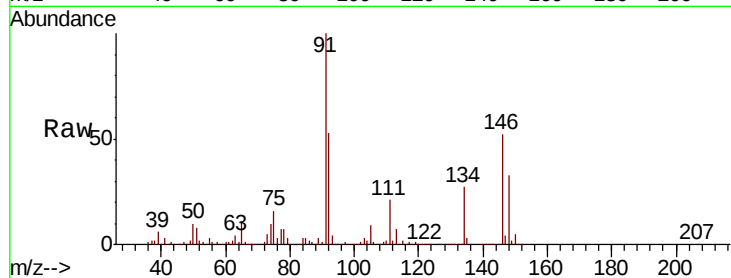
Tgt Ion: 91 Resp: 1308274

Ion Ratio Lower Upper

91 100

92 52.8 27.3 81.9

134 26.7 13.6 40.7



#90

Hexachloroethane

Concen: 103.470 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX004725.D

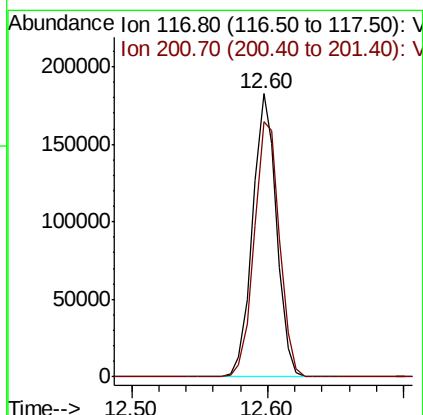
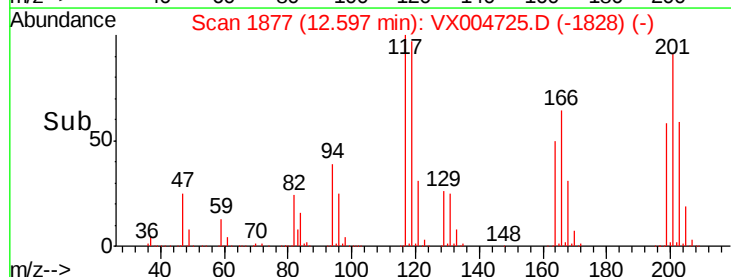
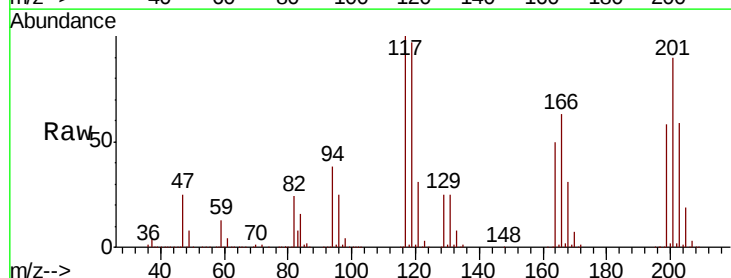
Acq: 26 Sep 2018 13:21

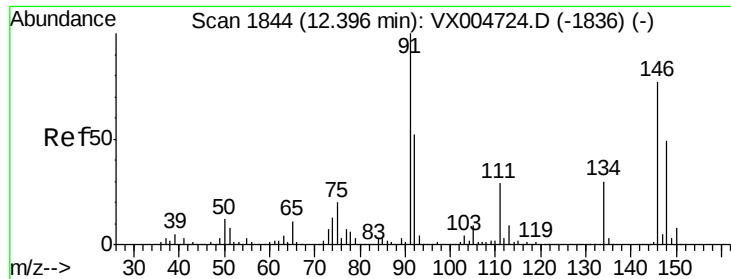
Tgt Ion: 117 Resp: 226154

Ion Ratio Lower Upper

117 100

201 95.3 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 96.257 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

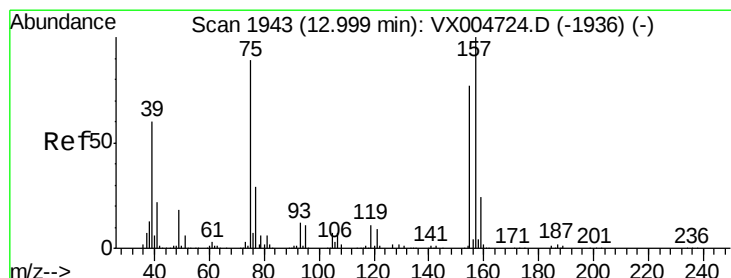
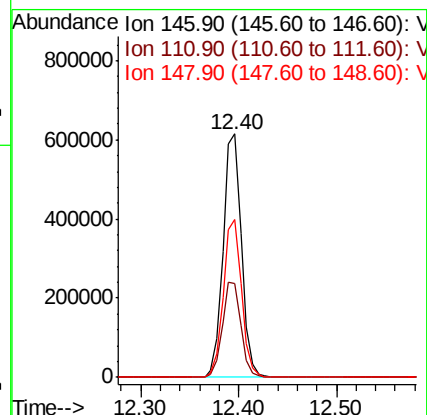
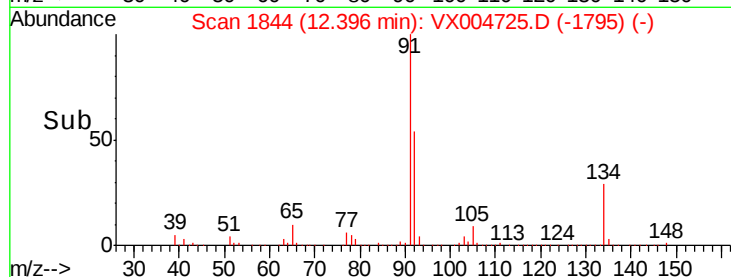
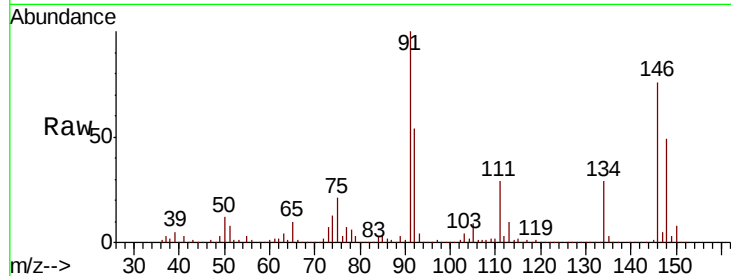
Tgt Ion:146 Resp: 796651

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.1

148 64.2 32.8 98.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 100.357 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

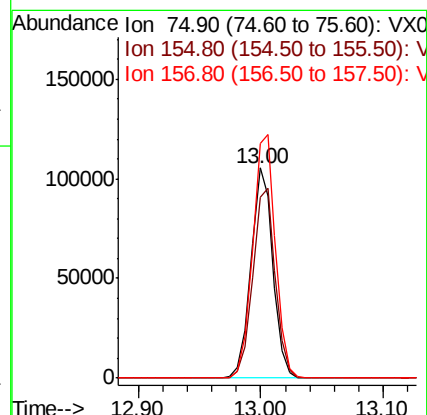
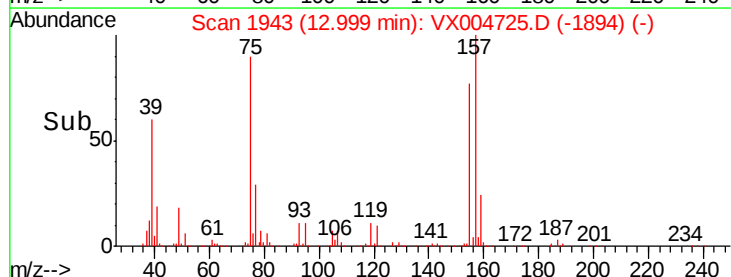
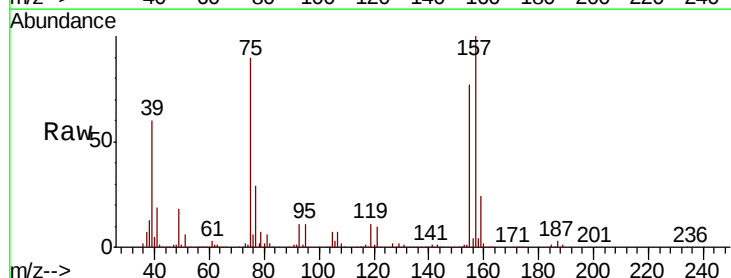
Tgt Ion: 75 Resp: 130919

Ion Ratio Lower Upper

75 100

155 93.4 48.0 144.2

157 120.5 61.4 184.1





#93

1,2,4-Trichlorobenzene

Concen: 100.284 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

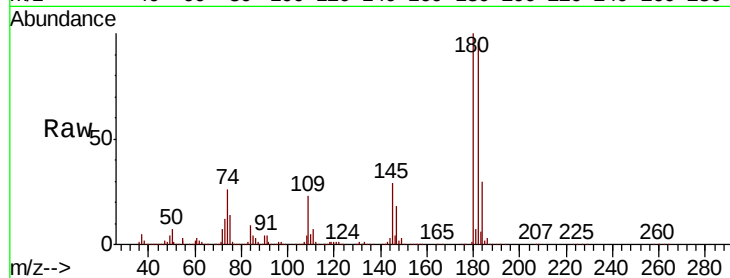
Tgt Ion:180 Resp: 609974

Ion Ratio Lower Upper

180 100

182 95.7 48.4 145.0

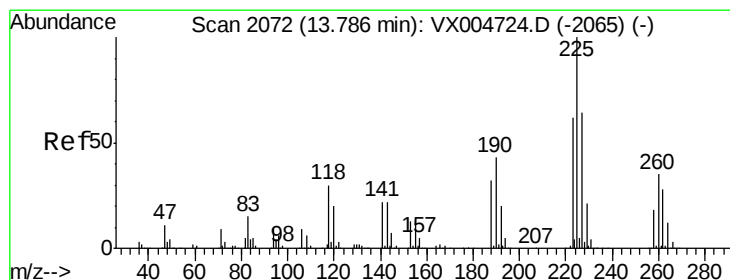
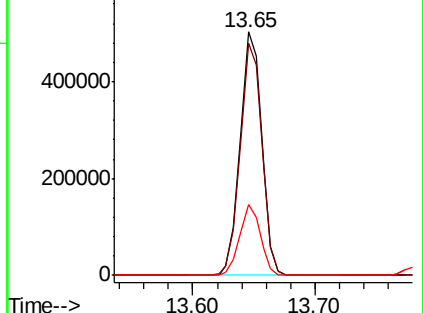
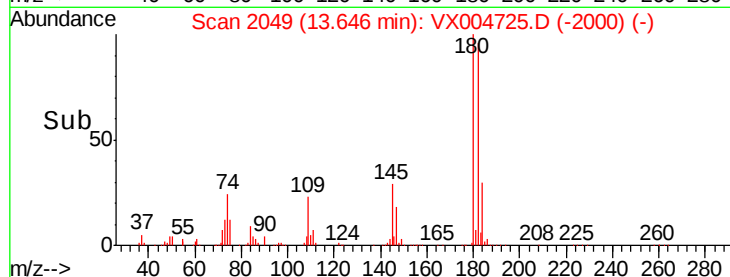
145 28.1 14.3 42.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 98.970 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VX004725.D

Acq: 26 Sep 2018 13:21

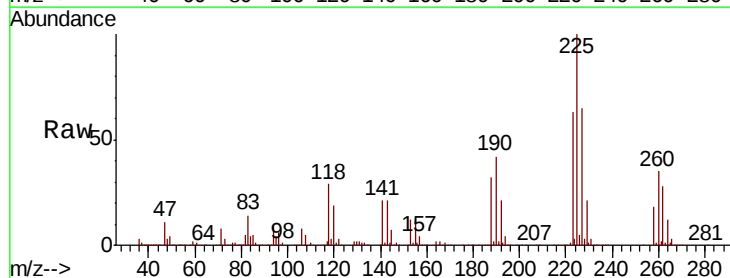
Tgt Ion:225 Resp: 288906

Ion Ratio Lower Upper

225 100

223 62.7 30.1 90.5

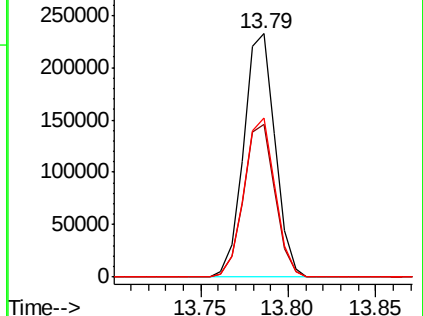
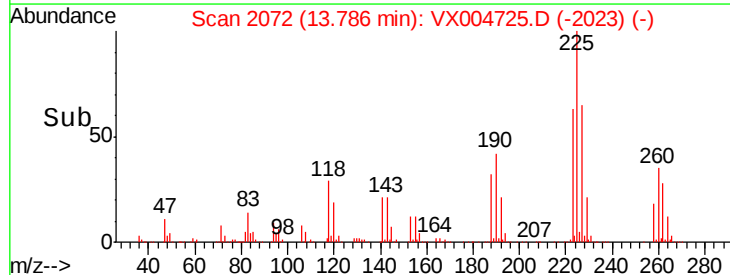
227 64.7 30.8 92.4

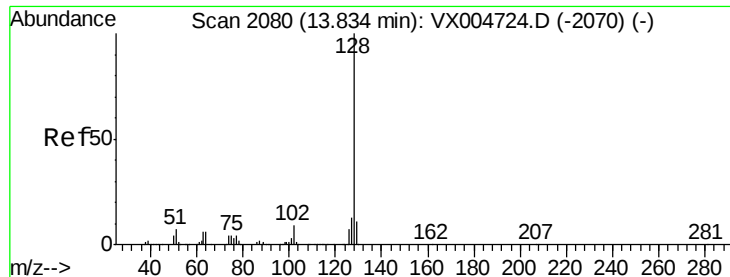


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

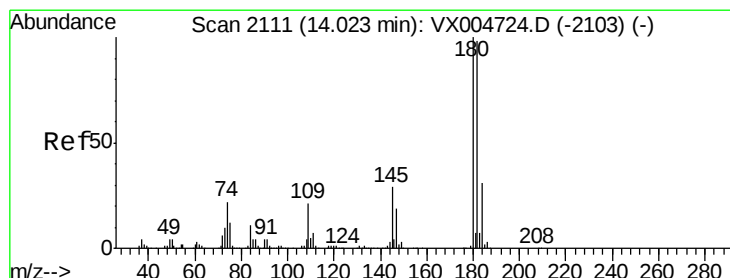
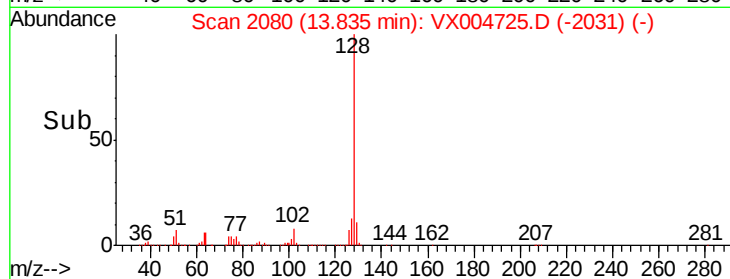
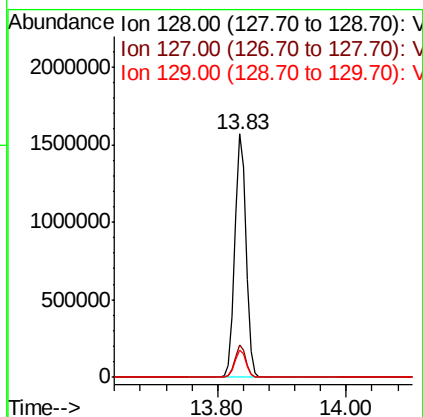
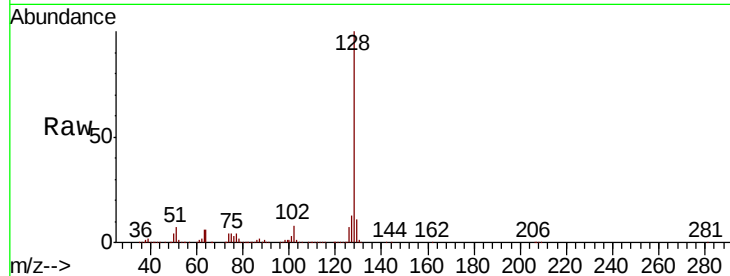




#95
Naphthalene
Concen: 99.302 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1937347
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 98.976 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX004725.D
Acq: 26 Sep 2018 13:21

Tgt Ion:180 Resp: 620345
Ion Ratio Lower Upper
180 100
182 96.0 48.5 145.6
145 29.7 14.9 44.9

