

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004765.D
 Acq On : 27 Sep 2018 11:16
 Operator : JC/MD
 Sample : VX0927WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Quant Time: Sep 28 05:46:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	290120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	421015	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	390278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233702	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	186958	45.11	ug/l	0.00
Spiked Amount			Recovery	=	90.22%	
35) Dibromofluoromethane	5.50	113	152112	42.63	ug/l	0.00
Spiked Amount			Recovery	=	85.26%	
50) Toluene-d8	8.71	98	592761	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.14	95	215541	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	86531	21.875	ug/l	97
3) Chloromethane	1.32	50	91121	18.987	ug/l	100
4) Vinyl Chloride	1.40	62	89674	19.922	ug/l	99
5) Bromomethane	1.64	94	43895	16.445	ug/l	98
6) Chloroethane	1.72	64	51517	19.585	ug/l	96
7) Trichlorofluoromethane	1.93	101	112648	20.215	ug/l	93
8) Diethyl Ether	2.19	74	44775	18.496	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	65901	20.761	ug/l	98
10) Methyl Iodide	2.51	142	51556	12.138	ug/l	100
11) Tert butyl alcohol	3.07	59	117496	101.394	ug/l	99
12) 1,1-Dichloroethene	2.37	96	61372	19.523	ug/l	97
13) Acrolein	2.29	56	73205	88.789	ug/l	96
14) Allyl chloride	2.73	41	132749	19.354	ug/l	96
15) Acrylonitrile	3.15	53	241023	94.483	ug/l	99
16) Acetone	2.44	43	223975	92.568	ug/l	97
17) Carbon Disulfide	2.57	76	181876	19.254	ug/l	99
18) Methyl Acetate	2.78	43	117874	19.228	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	220826	20.365	ug/l	95
20) Methylene Chloride	2.85	84	70199	19.442	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	66230	19.246	ug/l	97
22) Diisopropyl ether	3.87	45	225260	19.503	ug/l	92
23) Vinyl Acetate	3.82	43	1014341	95.943	ug/l	95
24) 1,1-Dichloroethane	3.70	63	128164	18.602	ug/l	99
25) 2-Butanone	4.70	43	327709	91.885	ug/l	95
26) 2,2-Dichloropropane	4.58	77	94859	19.772	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	71179	18.516	ug/l	95
28) Bromochloromethane	5.02	49	57691	17.782	ug/l	90
29) Tetrahydrofuran	5.15	42	213032	96.103	ug/l	92
30) Chloroform	5.21	83	116666	17.917	ug/l	97
31) Cyclohexane	5.57	56	113616	21.546	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	99302	18.674	ug/l	100
36) 1,1-Dichloropropene	5.79	75	90272	18.543	ug/l	100
37) Ethyl Acetate	4.85	43	115368	17.853	ug/l	98
38) Carbon Tetrachloride	5.78	117	86925	16.986	ug/l	99

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 Acq On : 27 Sep 2018 11:16
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 Sample : VX0927WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0927WBS01

Quant Time: Sep 28 05:46:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	110564	22.242	ug/l	95
40) Benzene	6.14	78	267663	17.562	ug/l	100
41) Methacrylonitrile	5.06	41	64449	17.984	ug/l	97
42) 1,2-Dichloroethane	6.20	62	93106	17.281	ug/l	97
43) Isopropyl Acetate	6.46	43	170025	18.229	ug/l	97
44) Trichloroethene	7.21	130	73709	19.673	ug/l	97
45) 1,2-Dichloropropane	7.51	63	73355	19.626	ug/l	99
46) Dibromomethane	7.66	93	45521	19.379	ug/l	98
47) Bromodichloromethane	7.90	83	84009	19.102	ug/l	97
48) Methyl methacrylate	7.77	41	87891	20.761	ug/l	95
49) 1,4-Dioxane	7.75	88	42300	402.184	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	602936	102.665	ug/l	94
52) Toluene	8.79	92	168489	20.119	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	95279	19.172	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	106743	20.506	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	68967	18.800	ug/l	99
56) Ethyl methacrylate	9.18	69	106547	19.736	ug/l	96
57) 1,3-Dichloropropane	9.37	76	115928	18.988	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	299649	103.641	ug/l	94
59) 2-Hexanone	9.49	43	476682	97.403	ug/l	94
60) Dibromochloromethane	9.59	129	67485	18.395	ug/l	100
61) 1,2-Dibromoethane	9.67	107	70599	17.970	ug/l	100
64) Tetrachloroethene	9.34	164	69694	18.144	ug/l	98
65) Chlorobenzene	10.14	112	187568	18.742	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	64920	18.452	ug/l	99
67) Ethyl Benzene	10.25	91	316463	19.918	ug/l	96
68) m/p-Xylenes	10.36	106	246596	39.717	ug/l	94
69) o-Xylene	10.70	106	117314	20.571	ug/l	96
70) Styrene	10.71	104	195636	19.697	ug/l	97
71) Bromoform	10.86	173	52427	17.405	ug/l	98
73) Isopropylbenzene	11.02	105	320760	21.775	ug/l	100
74) N-amyl acetate	10.90	43	149737	19.595	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	109708	18.296	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	126934	24.233	ug/l	88
77) Bromobenzene	11.26	156	84639	19.782	ug/l	97
78) n-propylbenzene	11.36	91	371890	22.003	ug/l	99
79) 2-Chlorotoluene	11.42	91	218671	20.757	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	268977	19.803	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	29857	16.916	ug/l	96
82) 4-Chlorotoluene	11.51	91	258139	20.817	ug/l	99
83) tert-Butylbenzene	11.77	119	266148	21.945	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	278017	19.848	ug/l	97
85) sec-Butylbenzene	11.94	105	327223	22.151	ug/l	98
86) p-Isopropyltoluene	12.07	119	291959	21.814	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	157986	19.774	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	159735	19.368	ug/l	98
89) n-Butylbenzene	12.39	91	258163	21.239	ug/l	98
90) Hexachloroethane	12.60	117	42957	19.277	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	155746	18.654	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24780	18.821	ug/l	98

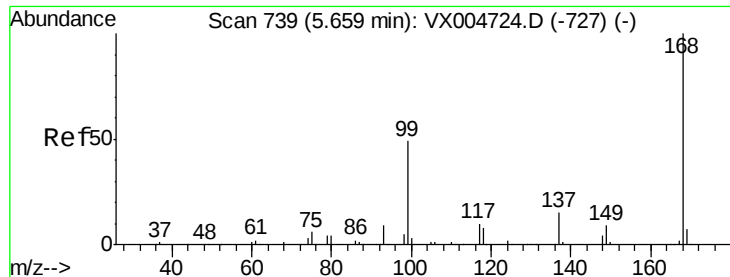
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
Data File : VX004765.D
Acq On : 27 Sep 2018 11:16
Operator : JC/MD
Sample : VX0927WBS01
Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Sep 28 05:46:52 2018
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Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	117047	19.985	ug/l	99
94) Hexachlorobutadiene	13.79	225	59508	19.594	ug/l	96
95) Naphthalene	13.83	128	357239	18.832	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	119369	19.730	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

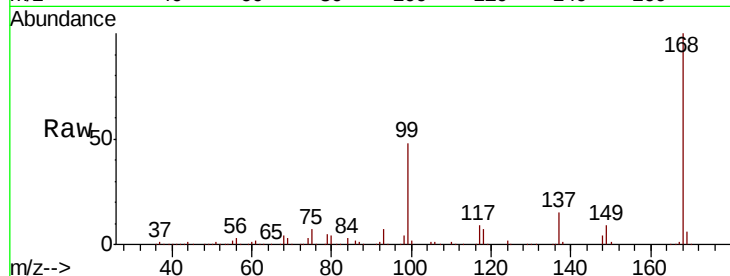
VX0927WBS01

Tot Ion:168 Resp: 290120

Ion Ratio Lower Upper

168 100

99 48.1 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

100000

80000

60000

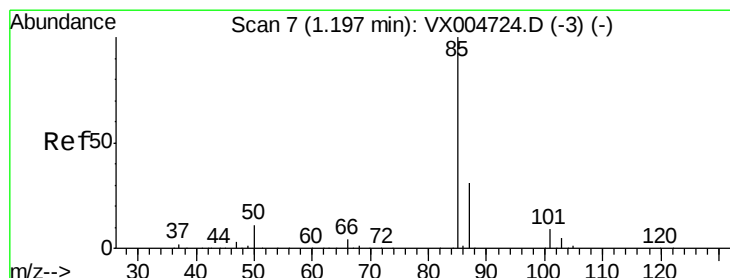
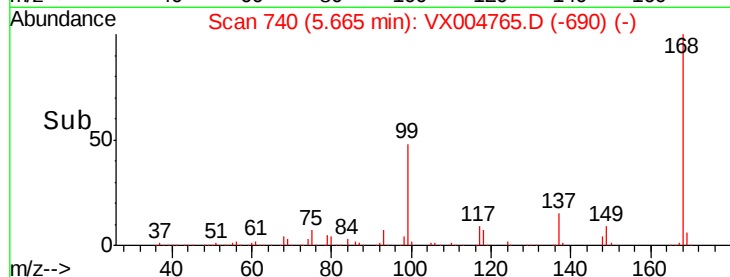
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.875 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004765.D

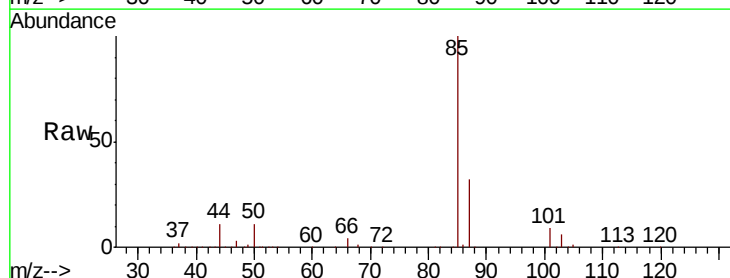
Acq: 27 Sep 2018 11:16

Tgt Ion: 85 Resp: 86531

Ion Ratio Lower Upper

85 100

87 32.3 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

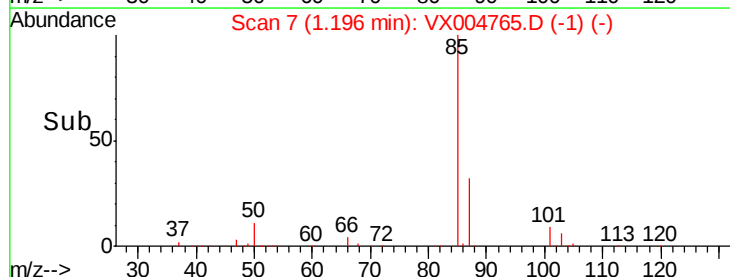
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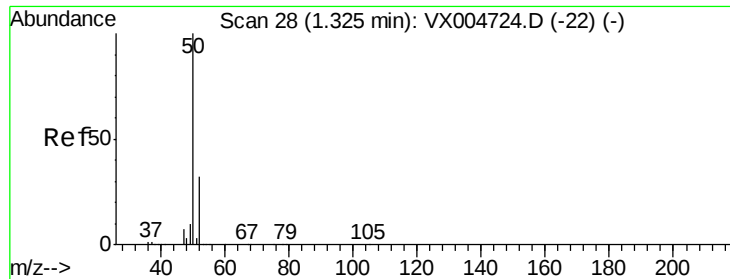
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.987 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

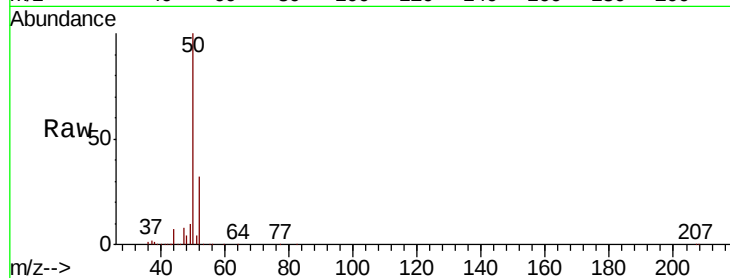
VX0927WBS01

Tot Ion: 50 Resp: 91121

Ion Ratio Lower Upper

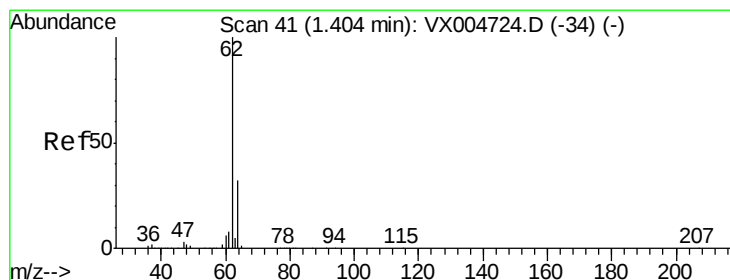
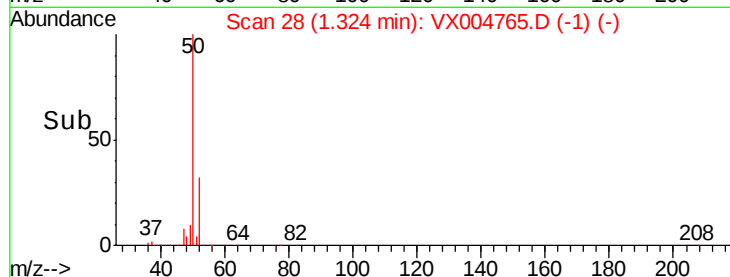
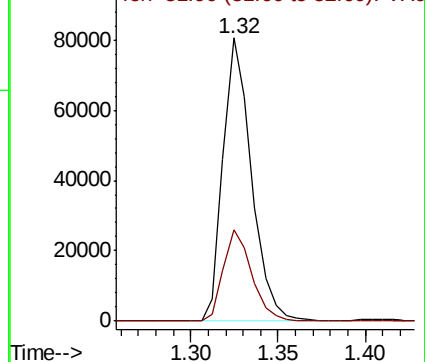
50 100

52 32.5 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: 19.922 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004765.D

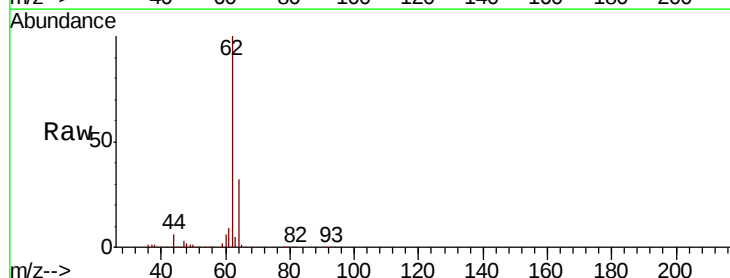
Acq: 27 Sep 2018 11:16

Tgt Ion: 62 Resp: 89674

Ion Ratio Lower Upper

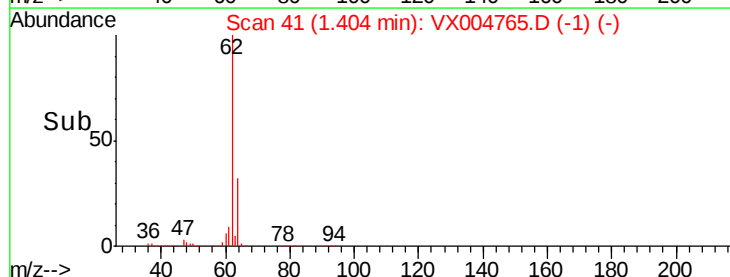
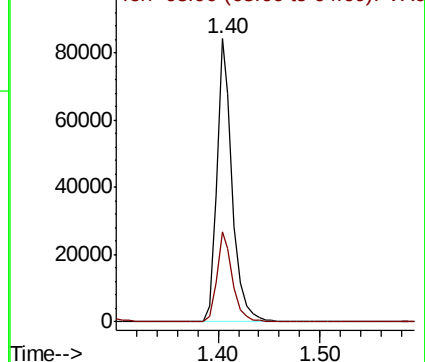
62 100

64 32.0 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: 16.445 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

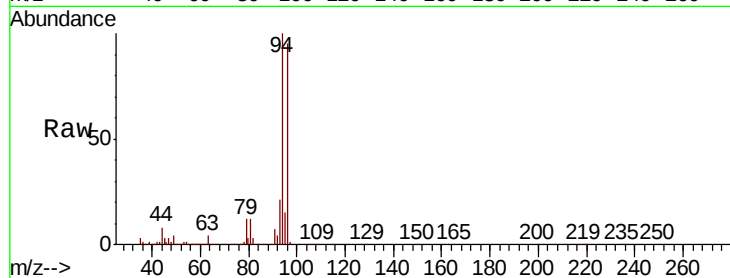
VX0927WBS01

Tot Ion: 94 Resp: 43895

Ion Ratio Lower Upper

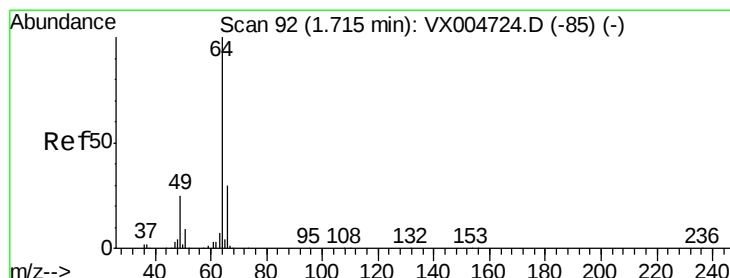
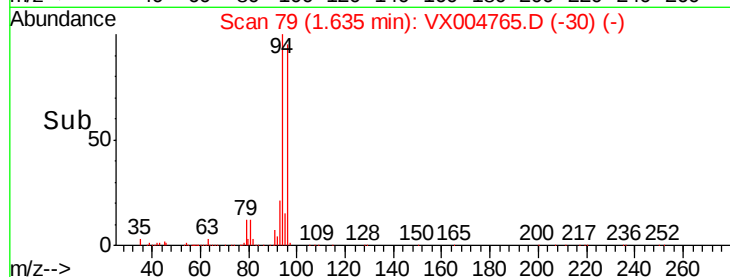
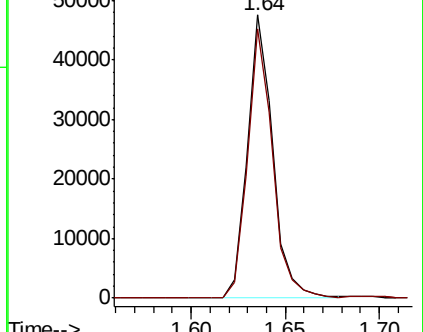
94 100

96 95.2 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: 19.585 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004765.D

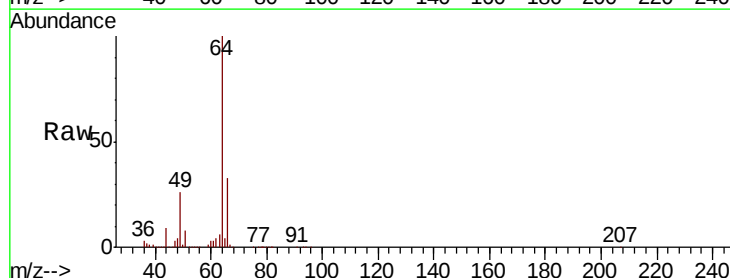
Acq: 27 Sep 2018 11:16

Tgt Ion: 64 Resp: 51517

Ion Ratio Lower Upper

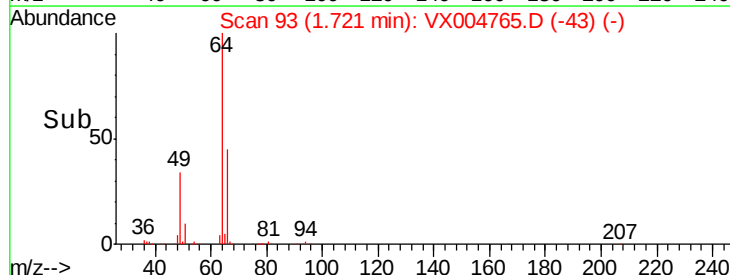
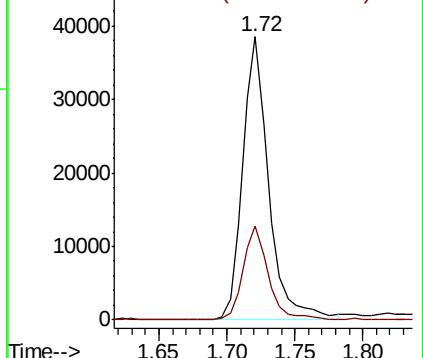
64 100

66 33.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



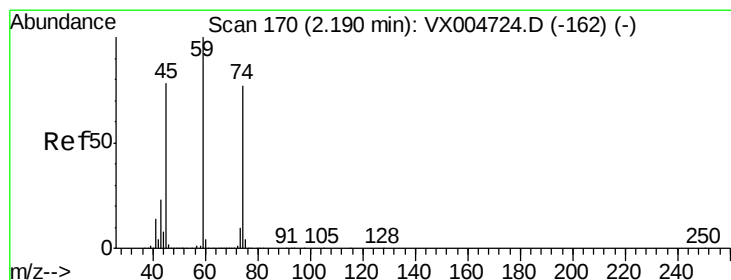
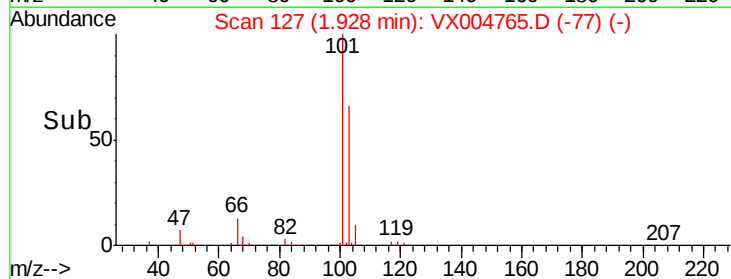
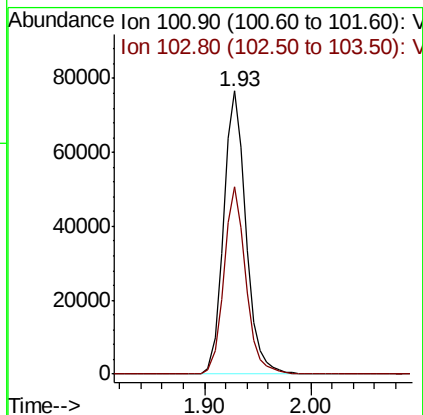
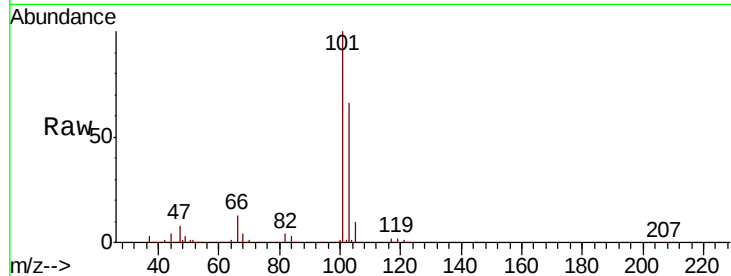


#7

Trichlorofluoromethane
Concen: 20.215 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

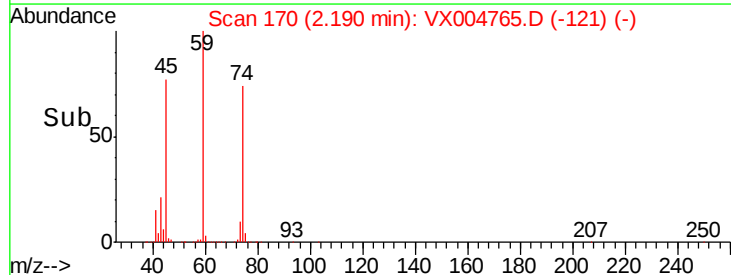
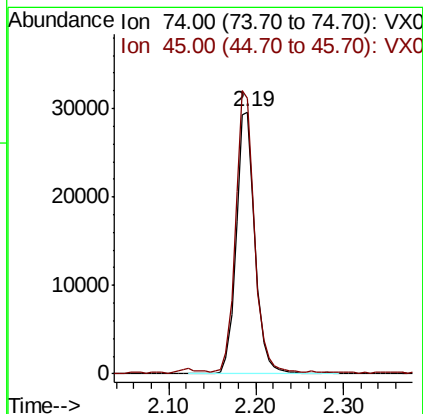
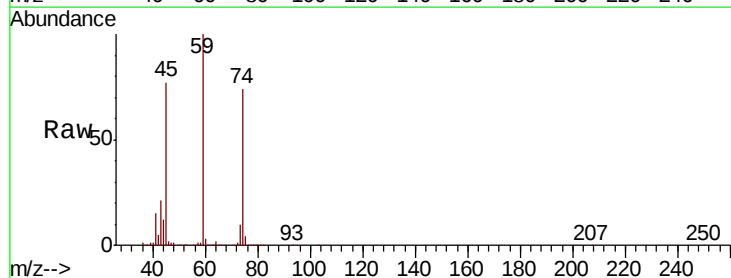
Tot Ion:101 Resp: 112648
Ion Ratio Lower Upper
101 100
103 66.4 48.9 73.3

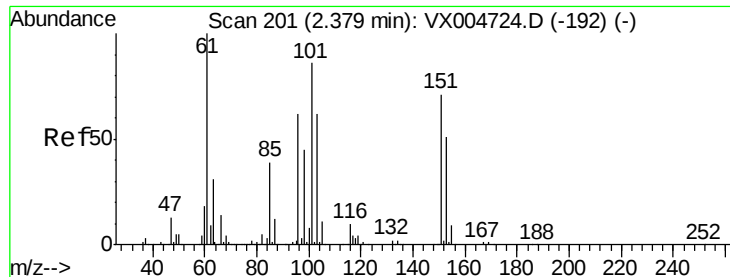


#8

Diethyl Ether
Concen: 18.496 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion: 74 Resp: 44775
Ion Ratio Lower Upper
74 100
45 107.4 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.761 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

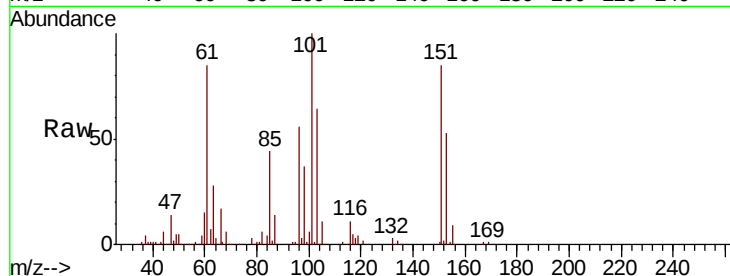
Tot Ion:101 Resp: 65901

Ion Ratio Lower Upper

101 100

85 43.6 34.2 51.4

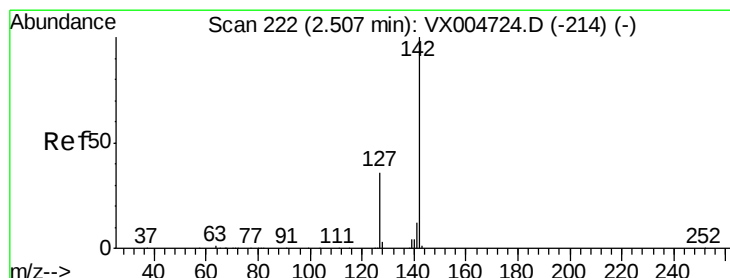
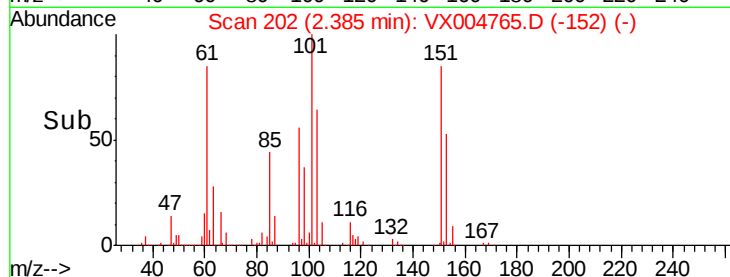
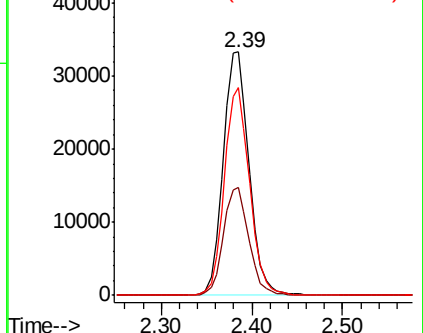
151 83.4 65.0 97.6



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: 12.138 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

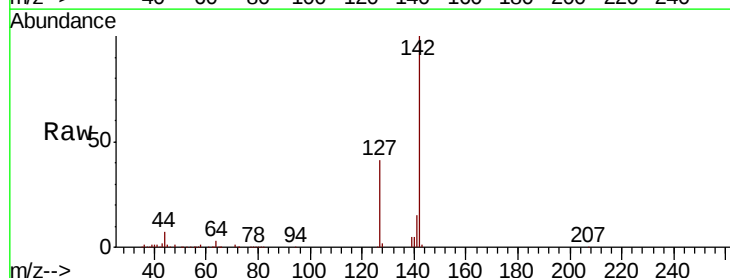
Tgt Ion:142 Resp: 51556

Ion Ratio Lower Upper

142 100

127 42.2 33.8 50.6

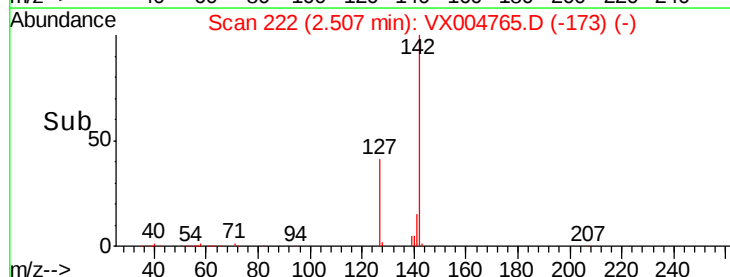
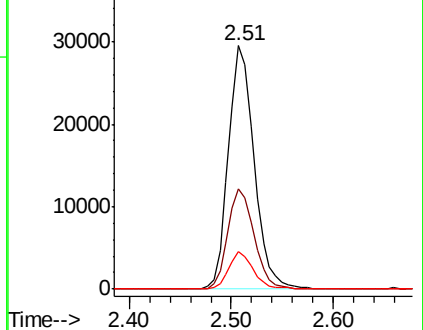
141 14.6 11.4 17.0

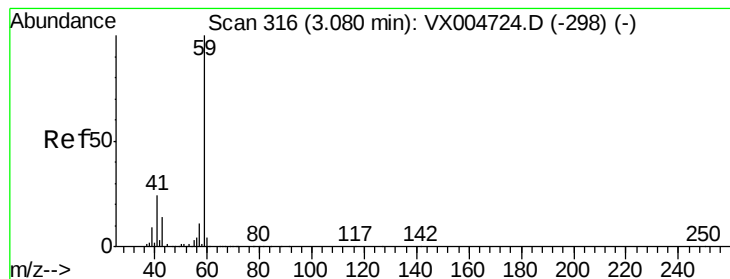


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



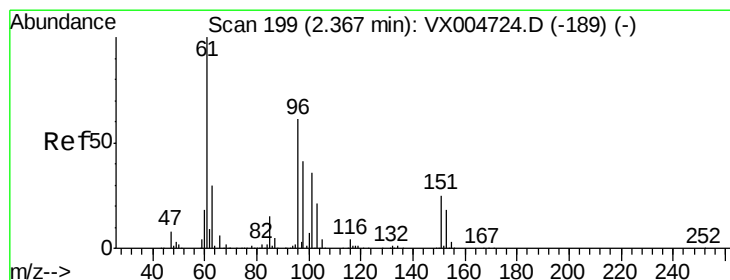
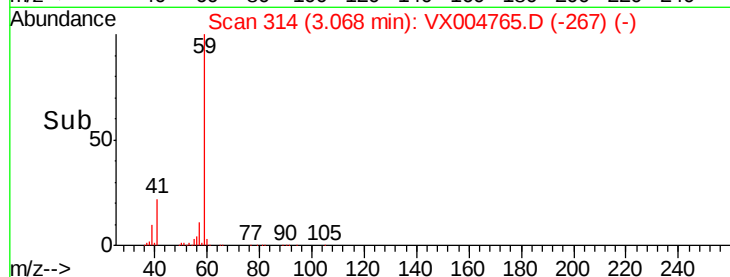
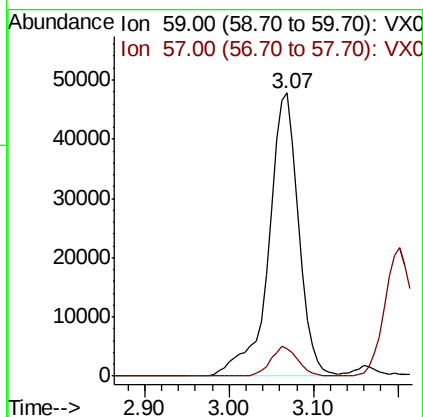
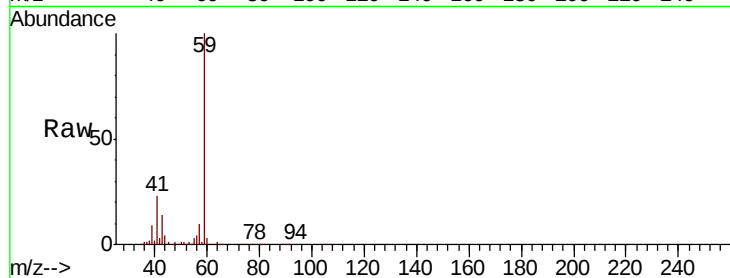


#11

Tert butyl alcohol
 Concen: 101.394 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Instrument :
 MSVOA_X
 ClientSampled :
 VX0927WBS01

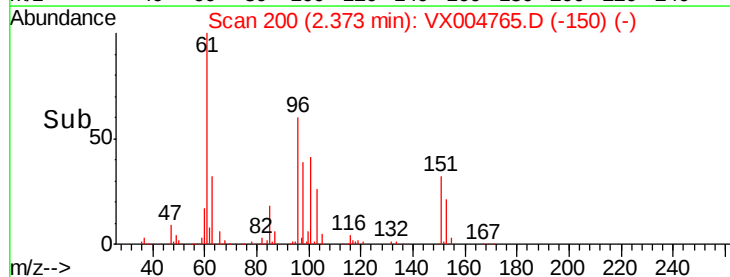
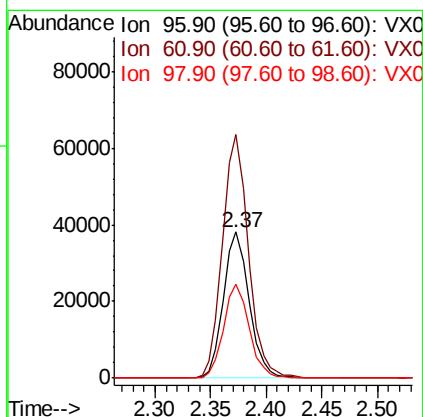
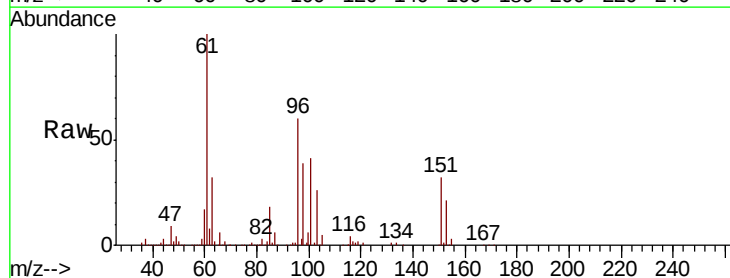
Tot Ion: 59 Resp: 117496
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.4

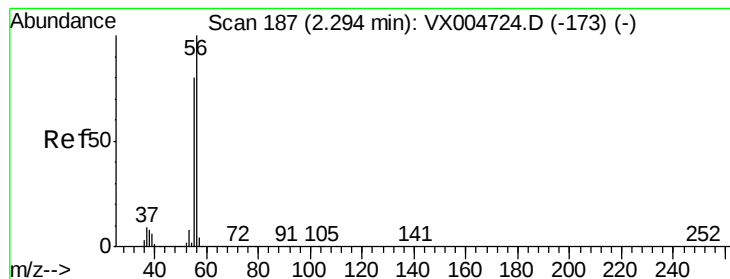


#12

1,1-Dichloroethene
 Concen: 19.523 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion: 96 Resp: 61372
 Ion Ratio Lower Upper
 96 100
 61 166.6 128.8 193.2
 98 64.6 52.2 78.2





#13

Acrolein

Concen: 88.789 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

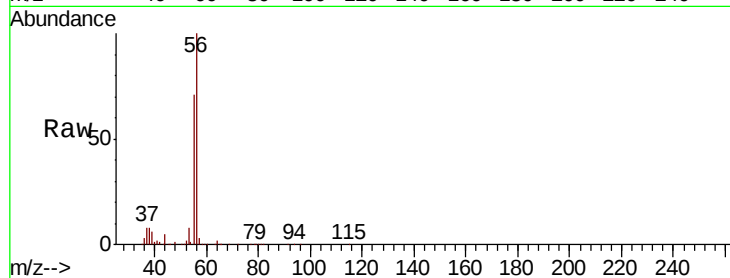
VX0927WBS01

Tot Ion: 56 Resp: 73205

Ion Ratio Lower Upper

56 100

55 71.3 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

50000

40000

30000

20000

10000

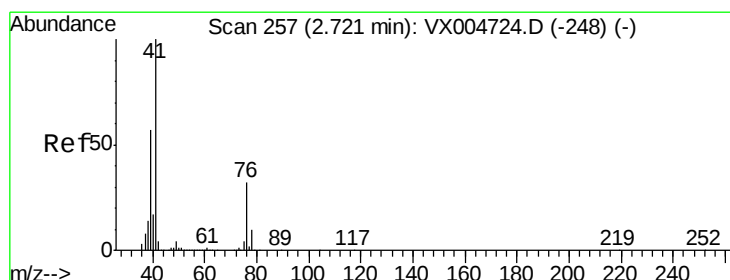
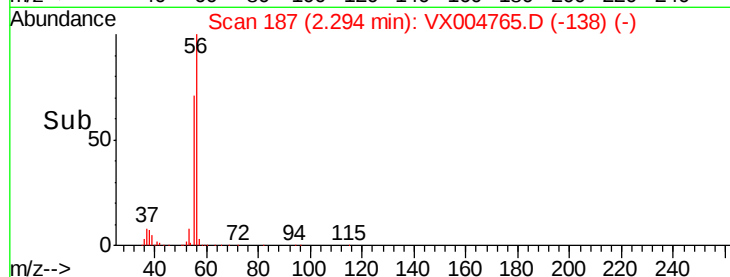
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 19.354 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

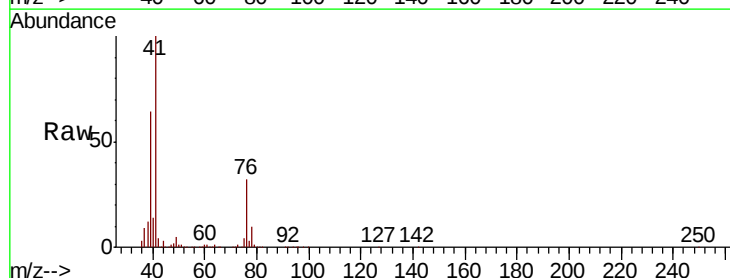
Tgt Ion: 41 Resp: 132749

Ion Ratio Lower Upper

41 100

39 59.3 48.9 73.3

76 29.4 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

150000

100000

50000

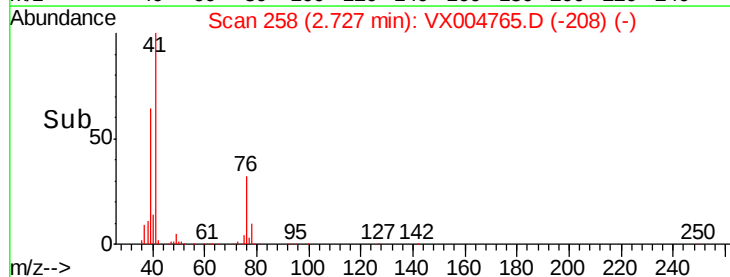
0

Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 94.483 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

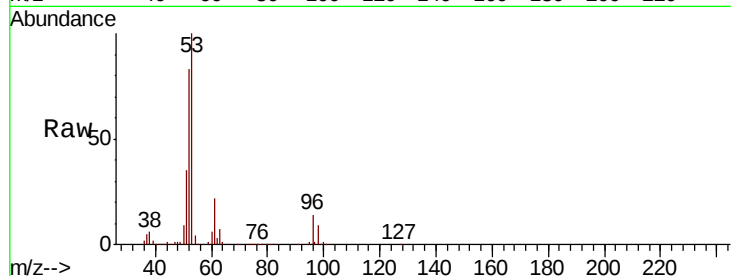
Tot Ion: 53 Resp: 241023

Ion Ratio Lower Upper

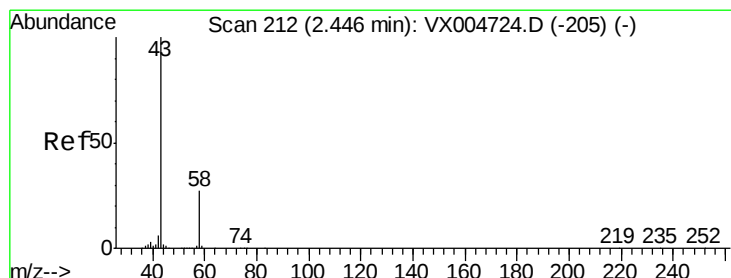
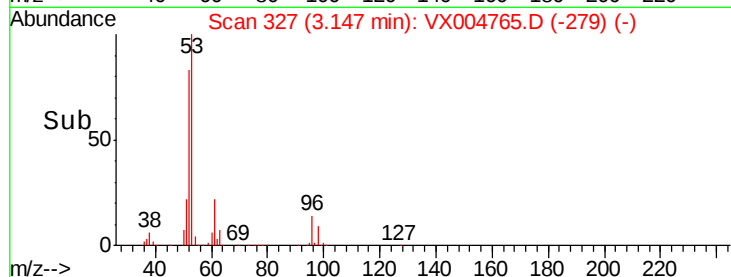
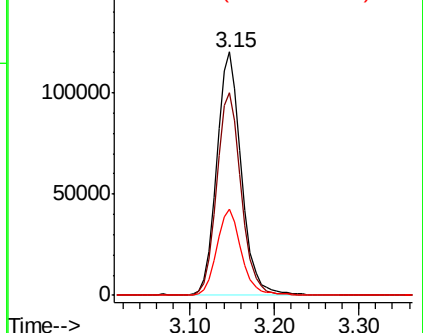
53 100

52 83.1 65.2 97.8

51 35.4 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: 92.568 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004765.D

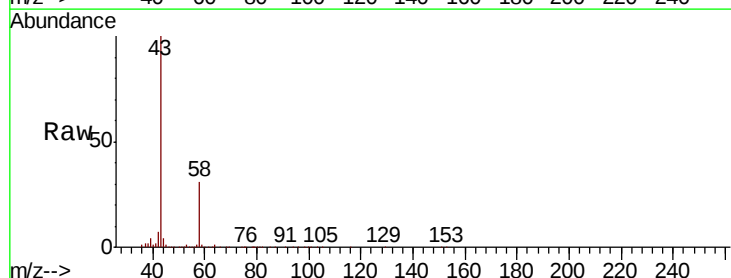
Acq: 27 Sep 2018 11:16

Tgt Ion: 43 Resp: 223975

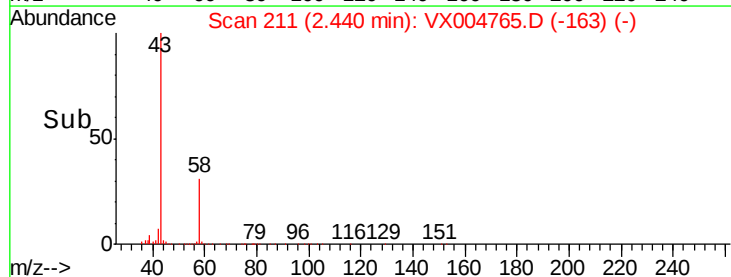
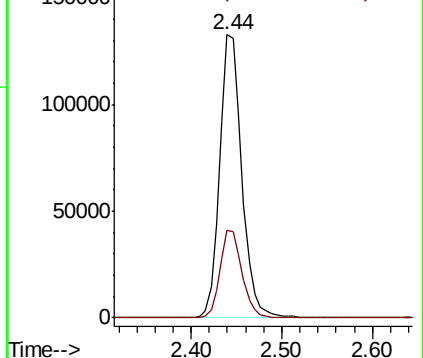
Ion Ratio Lower Upper

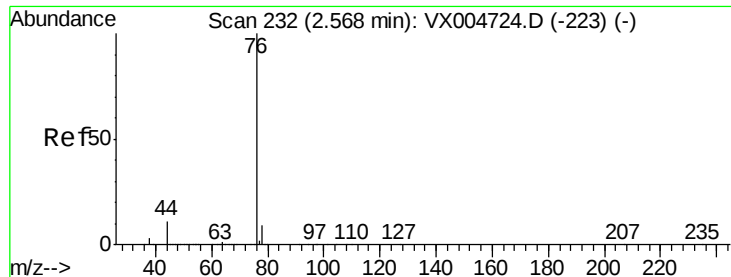
43 100

58 30.9 26.2 39.4



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

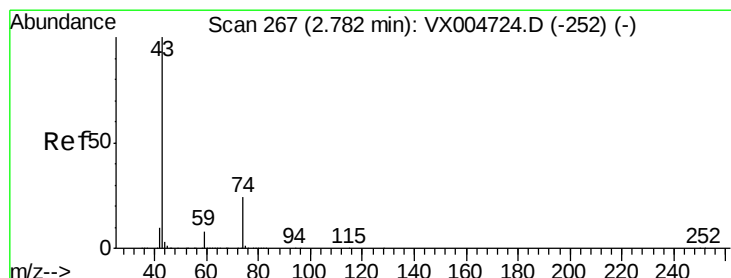
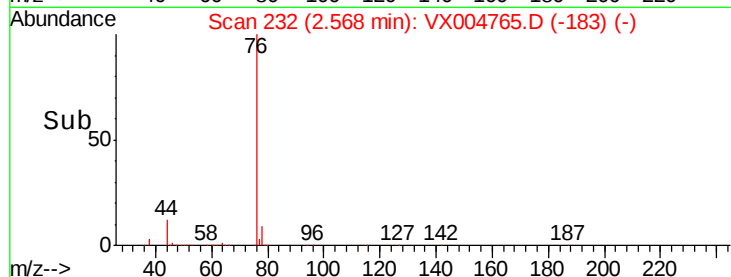
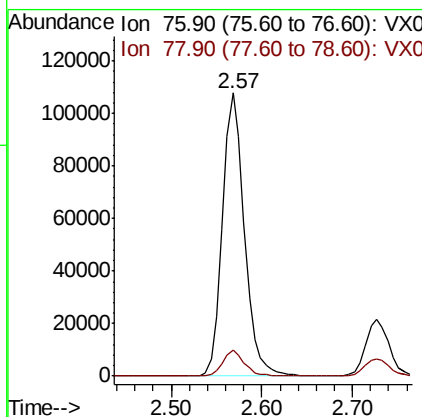
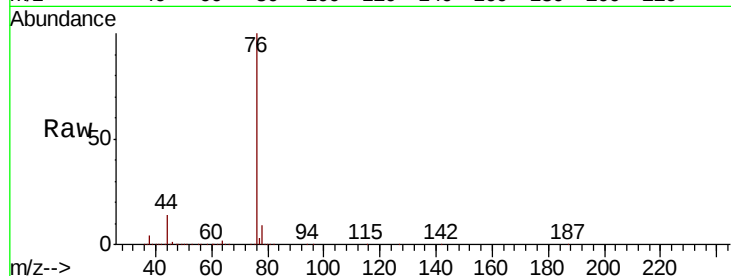




#17
Carbon Disulfide
Concen: 19.254 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

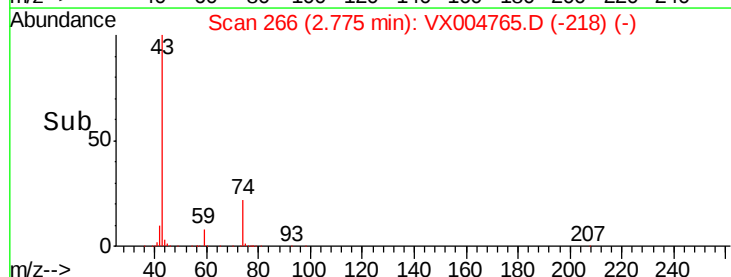
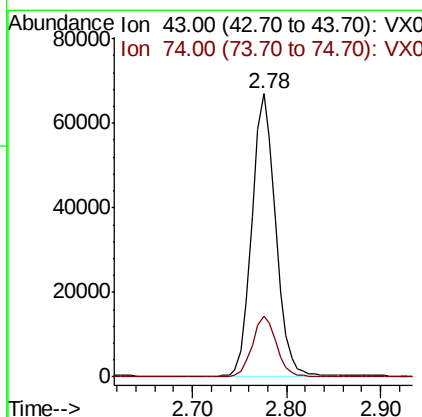
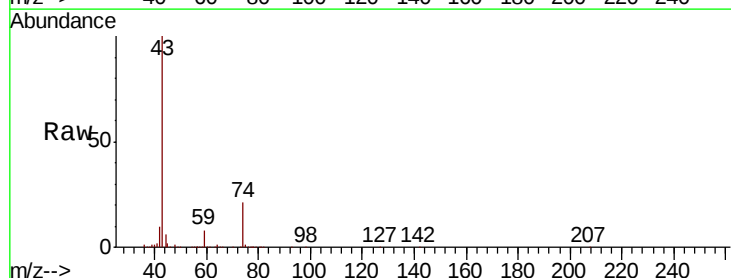
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

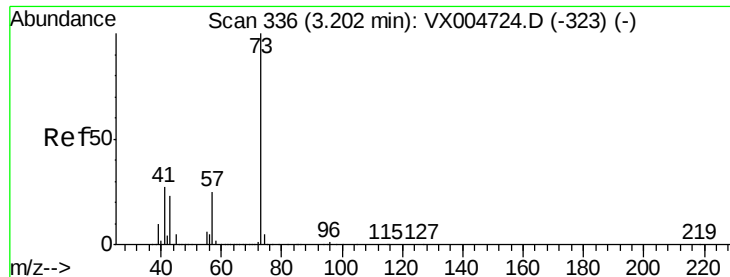
Tot Ion: 76 Resp: 181876
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 19.228 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion: 43 Resp: 117874
Ion Ratio Lower Upper
43 100
74 22.0 19.4 29.2

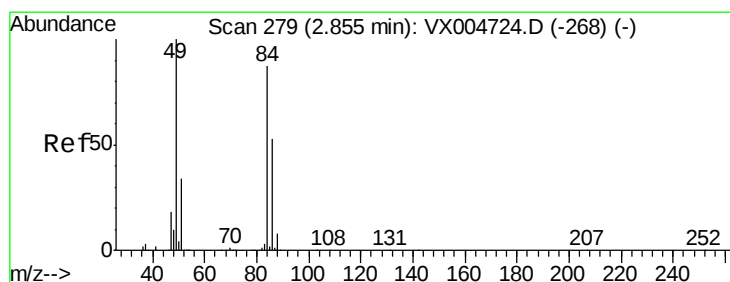
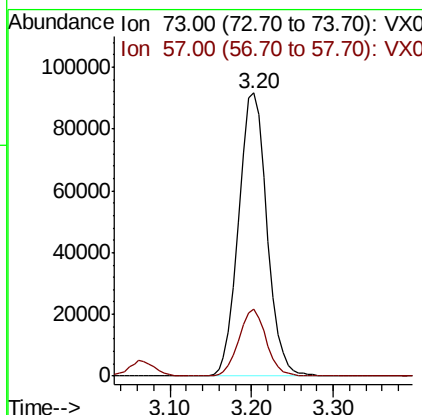
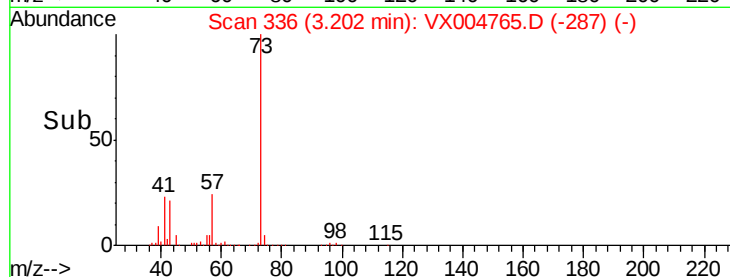
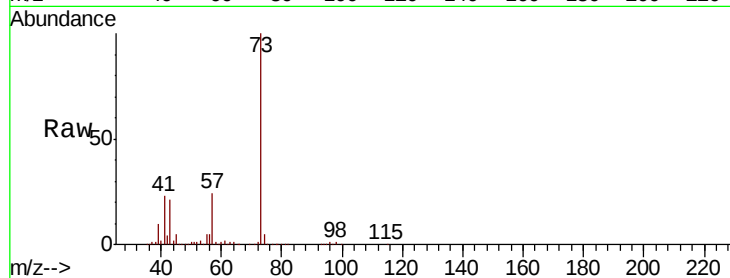




#19
Methvl tert-butvl Ether
Concen: 20.365 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

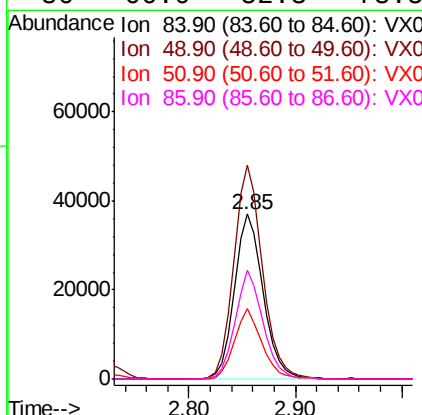
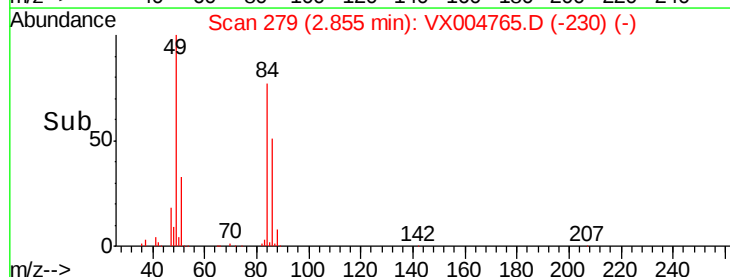
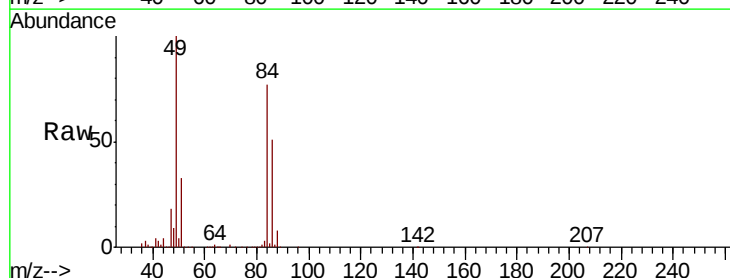
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

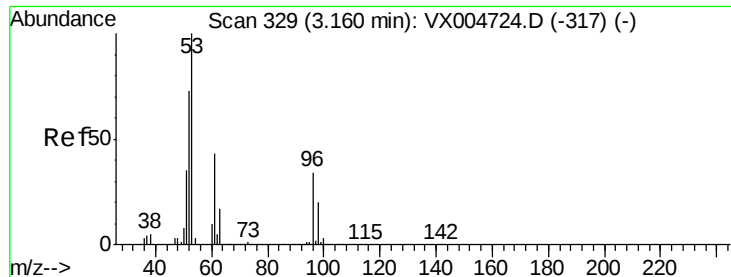
Tot Ion: 73 Resp: 220826
Ion Ratio Lower Upper
73 100
57 23.6 17.1 25.7



#20
Methylene Chloride
Concen: 19.442 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion: 84 Resp: 70199
Ion Ratio Lower Upper
84 100
49 129.6 101.2 151.8
51 42.3 29.5 44.3
86 66.0 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.246 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

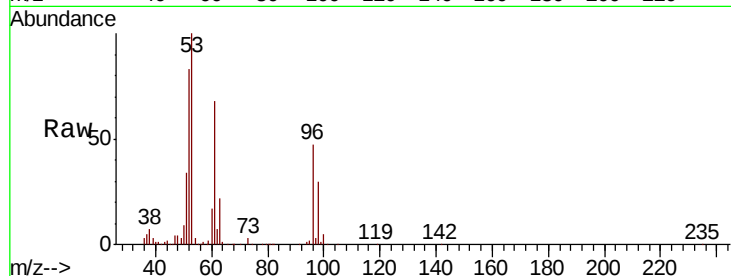
Tot Ion: 96 Resp: 66230

Ion Ratio Lower Upper

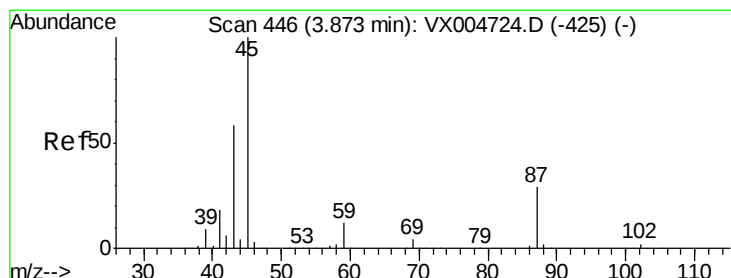
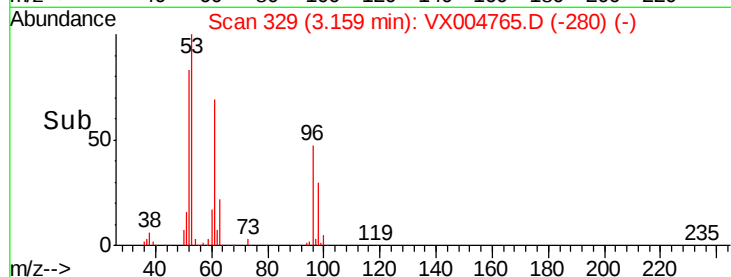
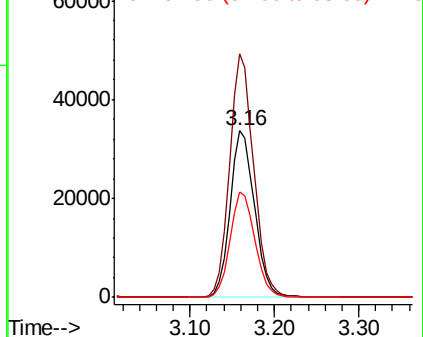
96 100

61 146.0 113.8 170.6

98 63.4 51.8 77.8



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



#22

Diisopropyl ether

Concen: 19.503 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Tgt Ion: 45 Resp: 225260

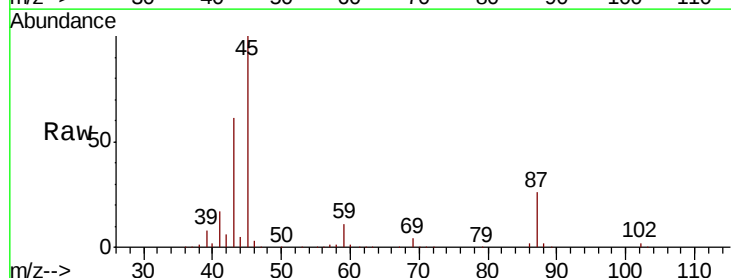
Ion Ratio Lower Upper

45 100

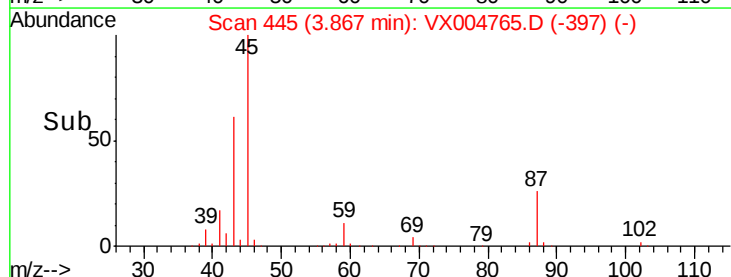
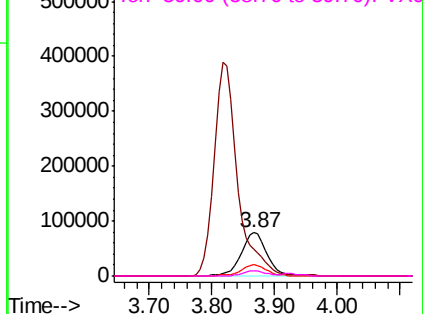
43 61.0 42.8 64.2

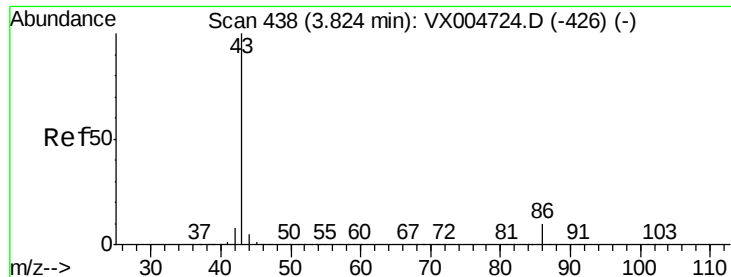
87 25.8 22.6 34.0

59 11.4 9.6 14.4



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





#23

Vinyl Acetate

Concen: 95.943 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

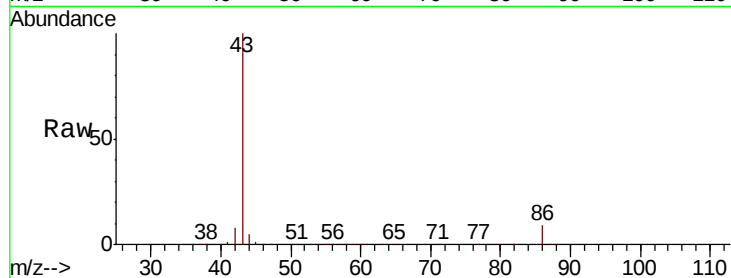
VX0927WBS01

Tot Ion: 43 Resp: 1014341

Ion Ratio Lower Upper

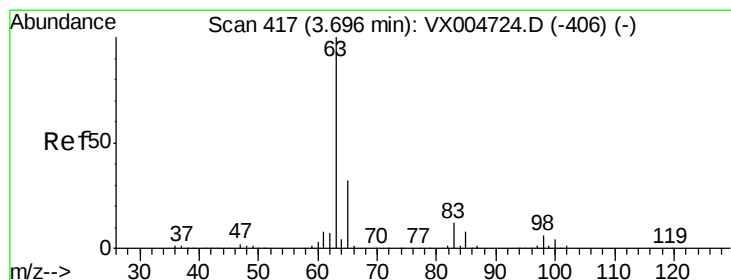
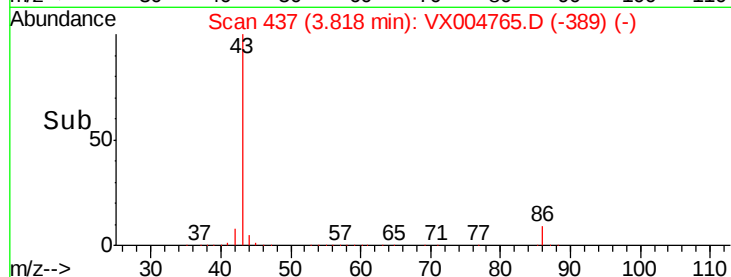
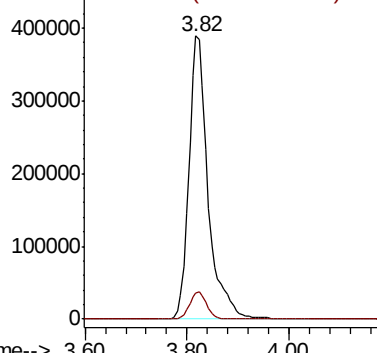
43 100

86 9.2 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: 18.602 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

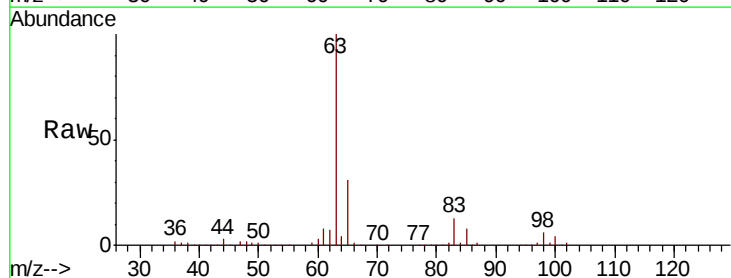
Tgt Ion: 63 Resp: 128164

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

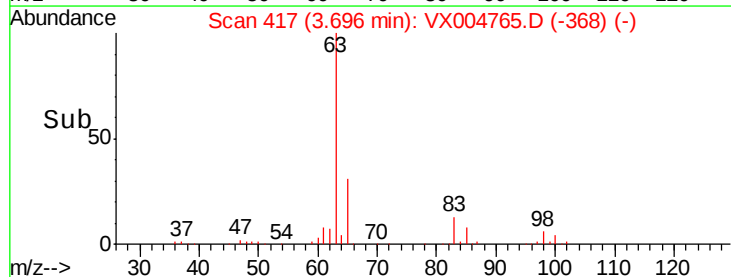
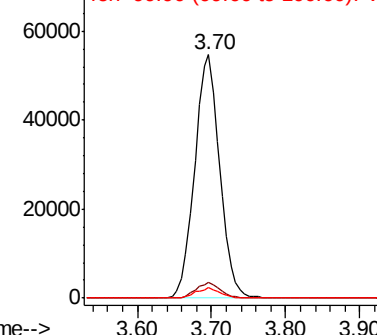
100 4.2 2.4 7.1

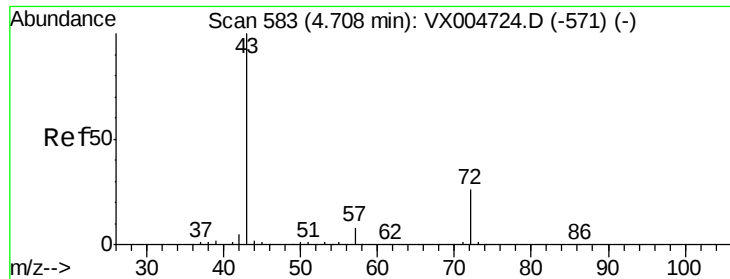


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 91.885 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampled :

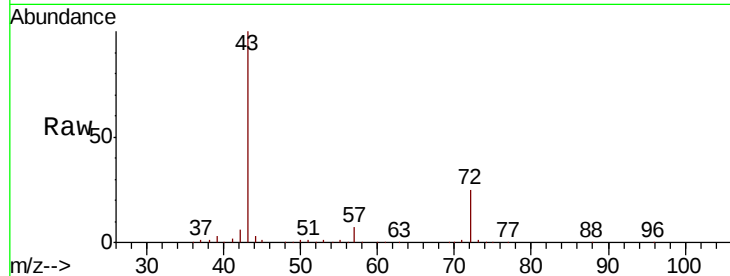
VX0927WBS01

Tot Ion: 43 Resp: 327709

Ion Ratio Lower Upper

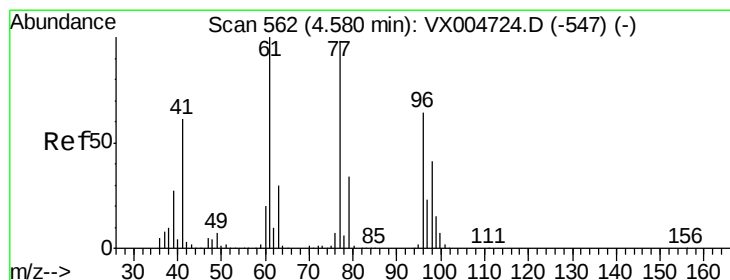
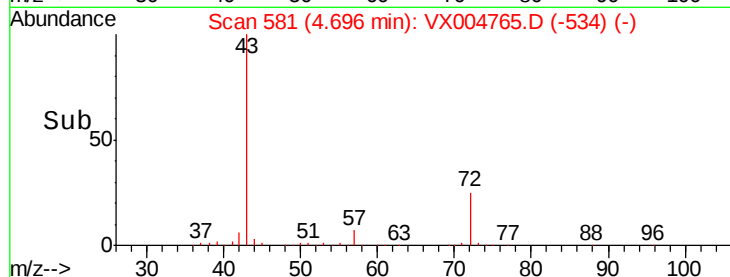
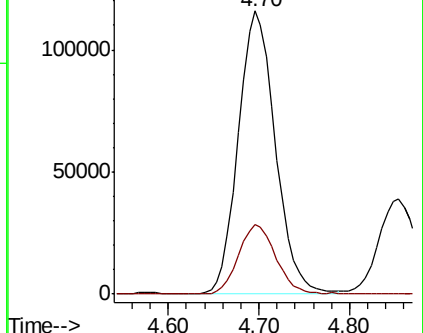
43 100

72 24.7 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.772 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004765.D

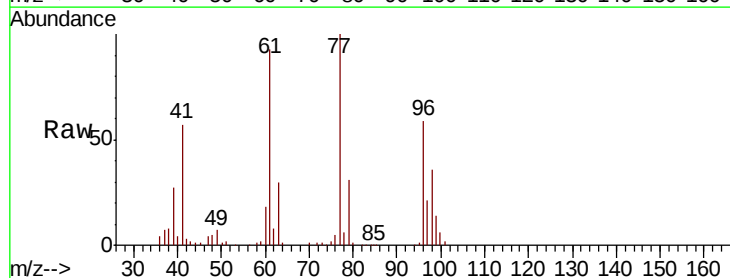
Acq: 27 Sep 2018 11:16

Tgt Ion: 77 Resp: 94859

Ion Ratio Lower Upper

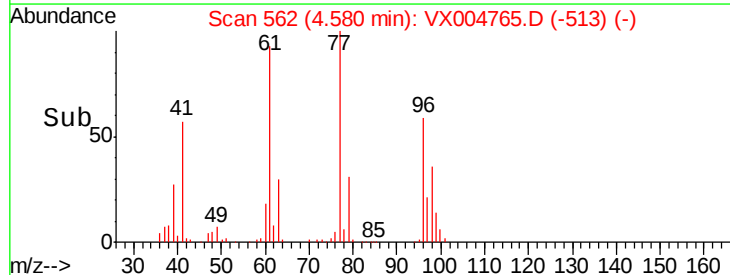
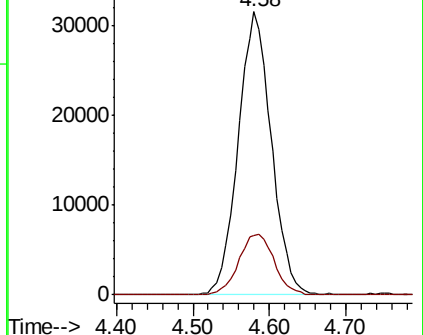
77 100

97 22.9 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



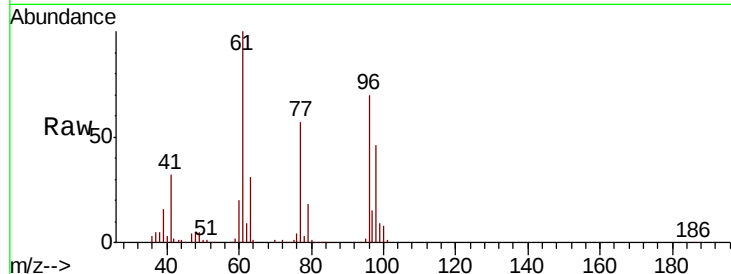


#27

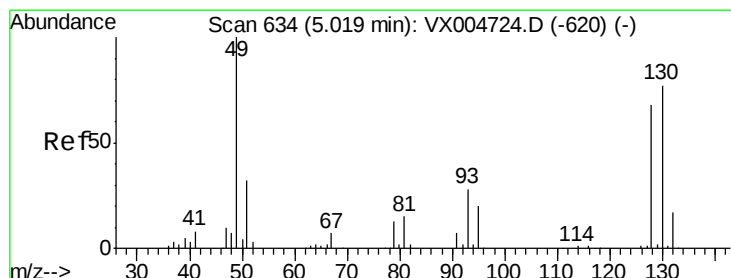
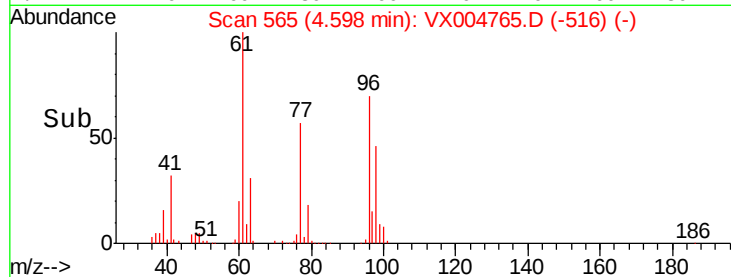
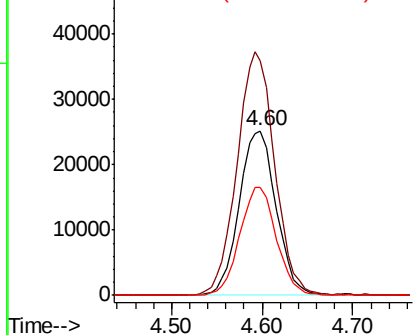
cis-1,2-Dichloroethene
 Concen: 18.516 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion: 96 Resp: 71179
 Ion Ratio Lower Upper
 96 100
 61 150.7 0.0 282.6
 98 65.1 0.0 130.2



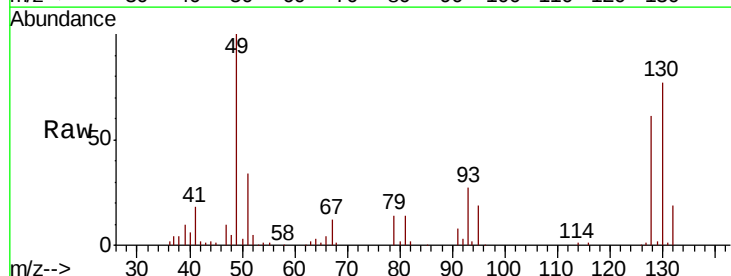
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



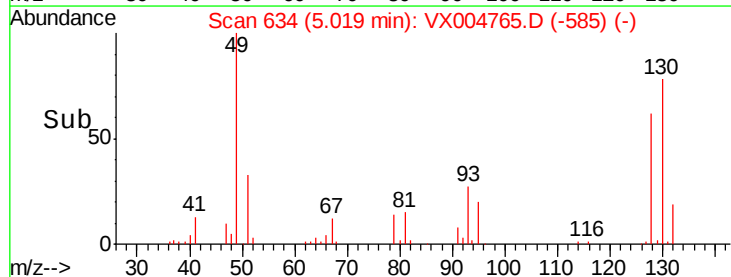
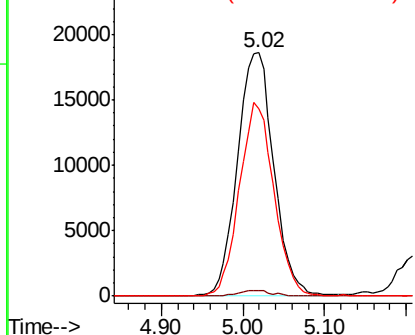
#28

Bromochloromethane
 Concen: 17.782 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion: 49 Resp: 57691
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 75.3 67.5 101.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

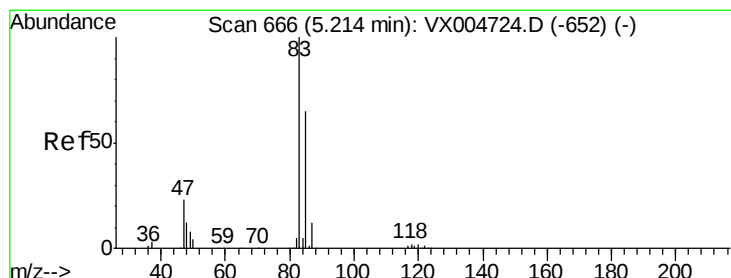
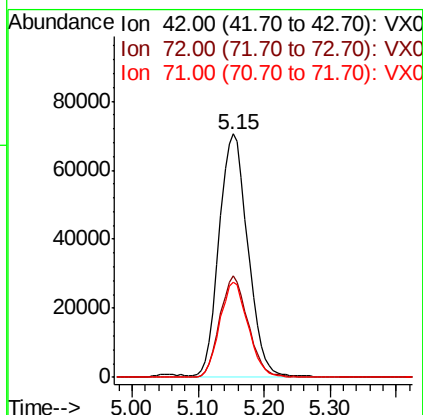
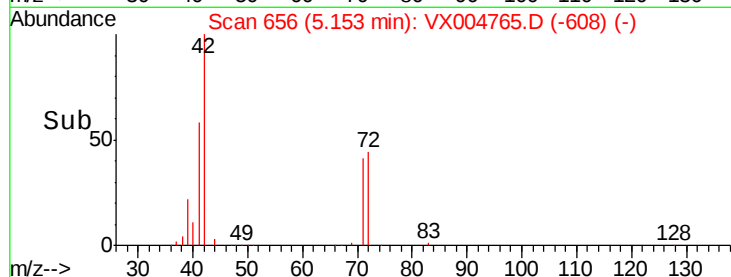
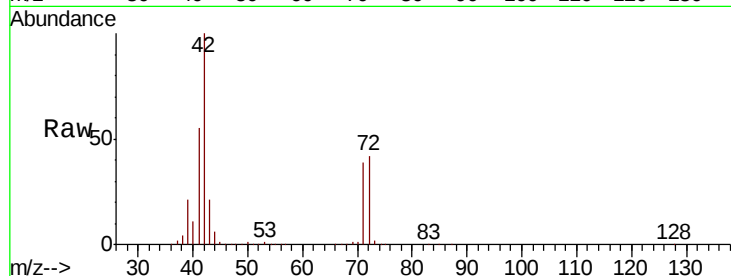




#29
Tetrahydrofuran
Concen: 96.103 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

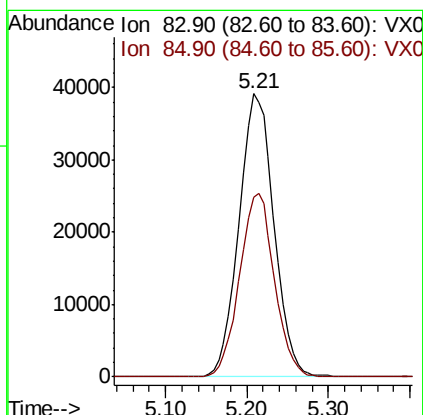
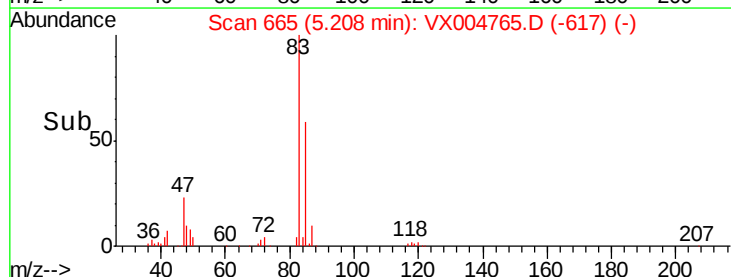
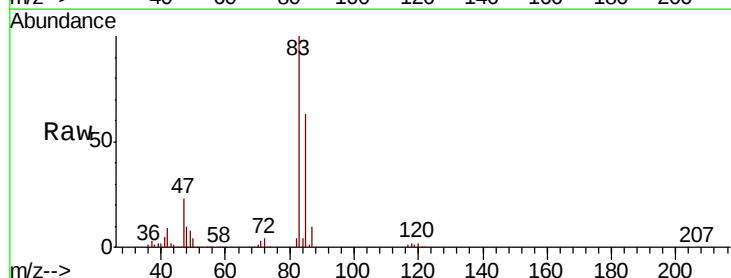
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

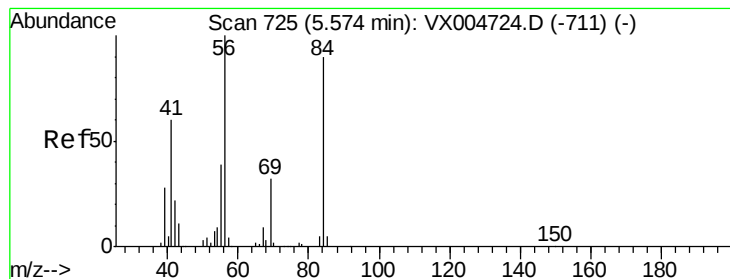
Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	37.4	56.0
71	38.5	34.5	51.7



#30
Chloroform
Concen: 17.917 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.6	79.0





#31

Cyclohexane

Concen: 21.546 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampled :

VX0927WBS01

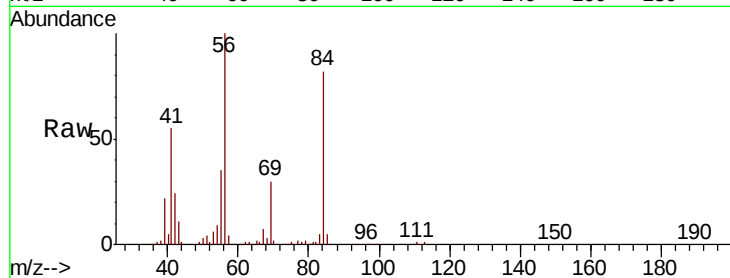
Tot Ion: 56 Resp: 113616

Ion Ratio Lower Upper

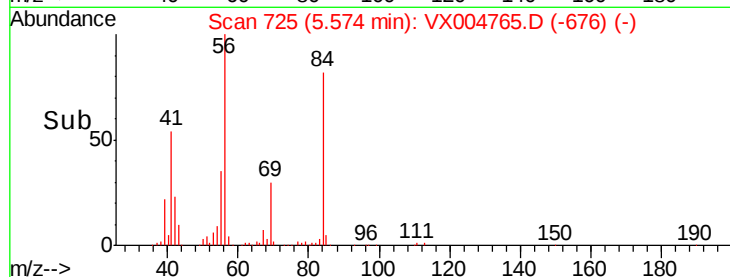
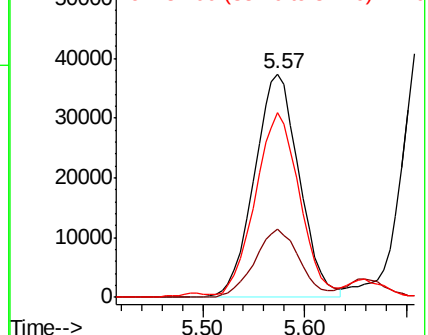
56 100

69 30.4 25.4 38.2

84 80.8 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: 18.674 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

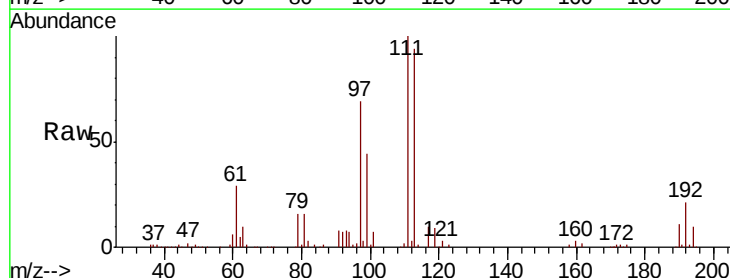
Tgt Ion: 97 Resp: 99302

Ion Ratio Lower Upper

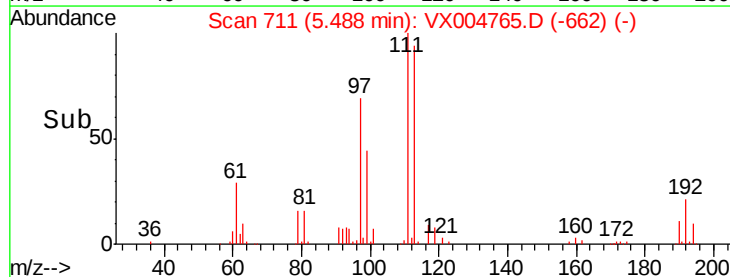
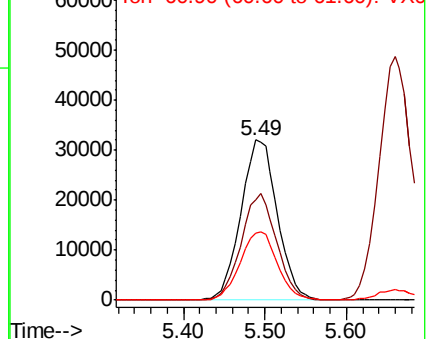
97 100

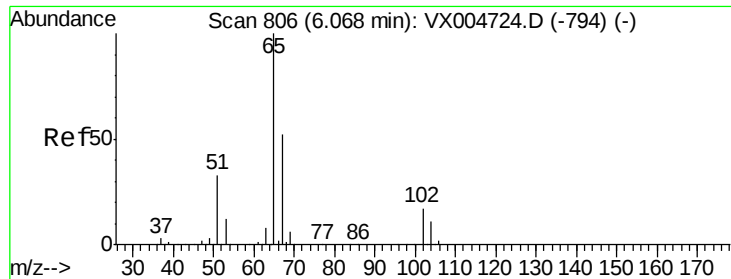
99 64.7 52.0 78.0

61 43.8 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: 45.111 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

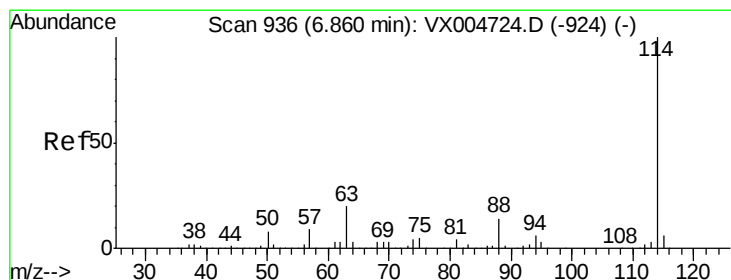
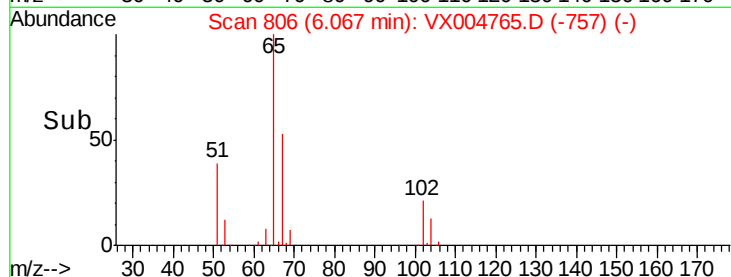
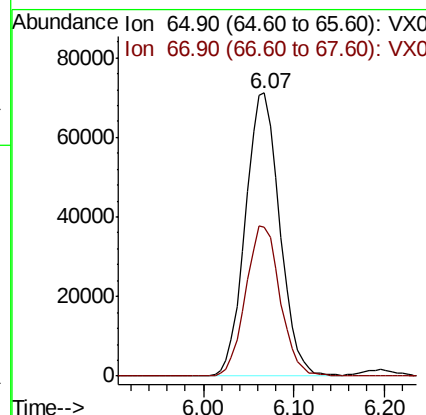
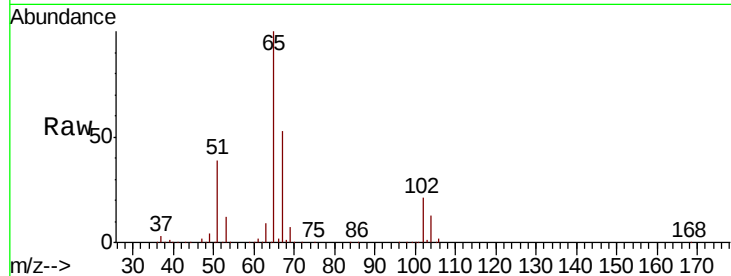
VX0927WBS01

Tot Ion: 65 Resp: 186958

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

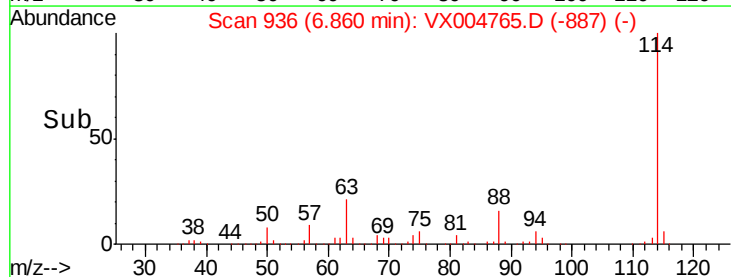
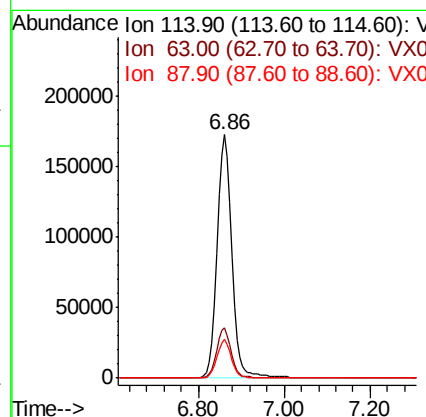
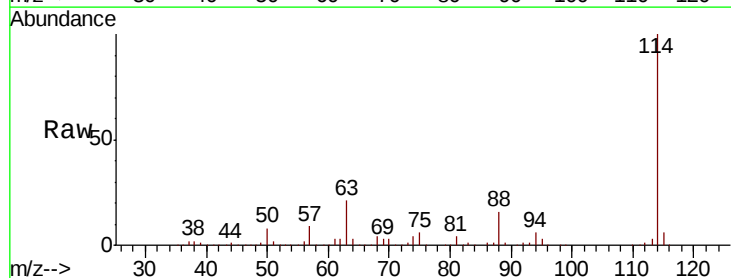
Tgt Ion: 114 Resp: 421015

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.0

88 15.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 42.630 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

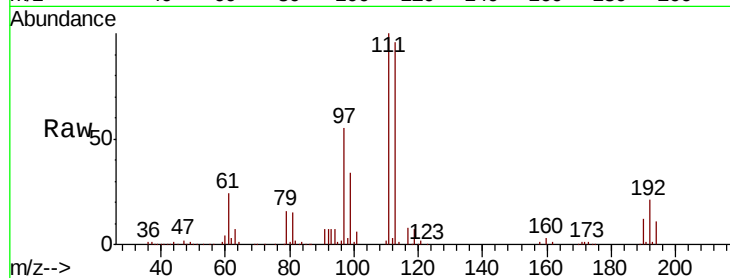
Tot Ion:113 Resp: 152112

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

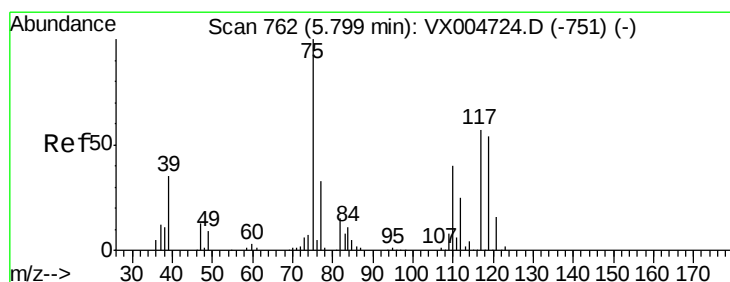
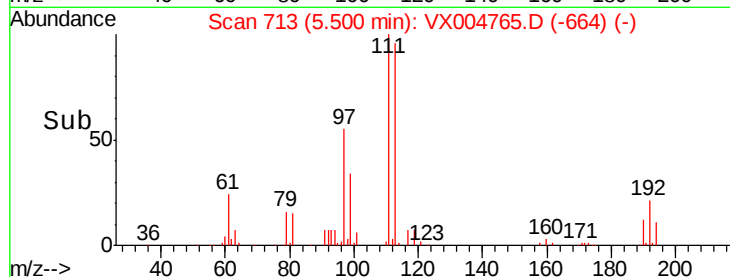
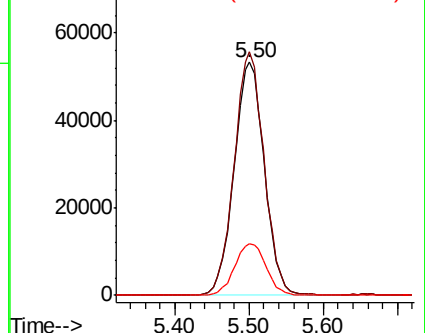
192 23.0 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.543 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

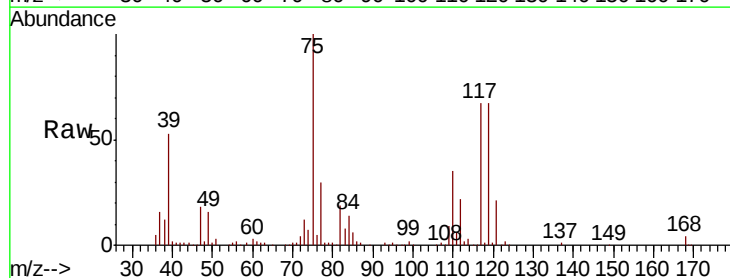
Tgt Ion: 75 Resp: 90272

Ion Ratio Lower Upper

75 100

110 36.3 18.0 54.0

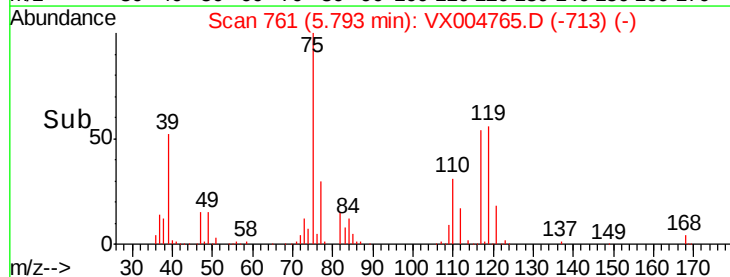
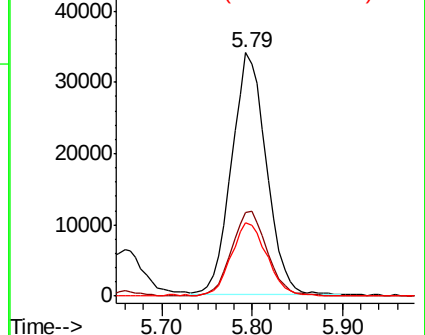
77 30.7 24.6 36.8

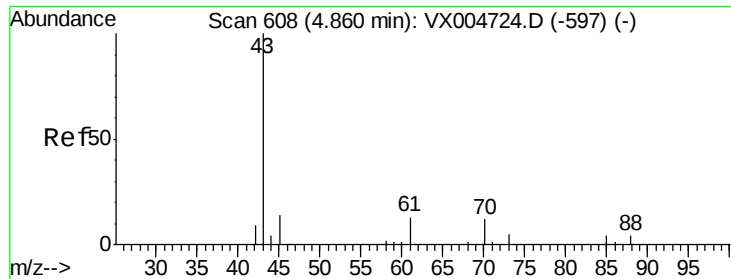


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

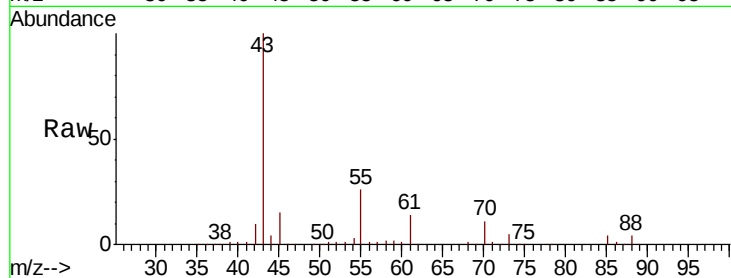




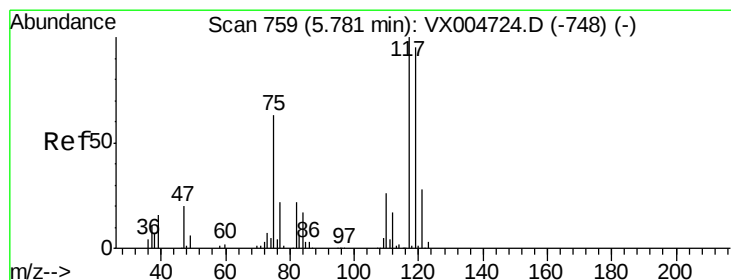
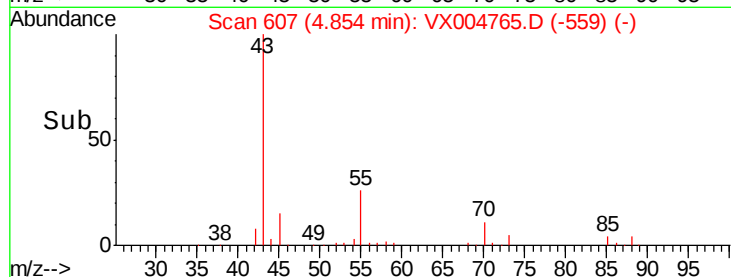
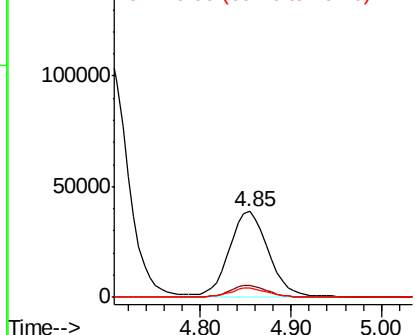
#37
Ethyl Acetate
Concen: 17.853 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Instrument :
MSVOA_X
ClientSampled :
VX0927WBS01

Tot Ion: 43 Resp: 115368
Ion Ratio Lower Upper
43 100
61 13.8 11.5 17.3
70 10.5 9.0 13.6

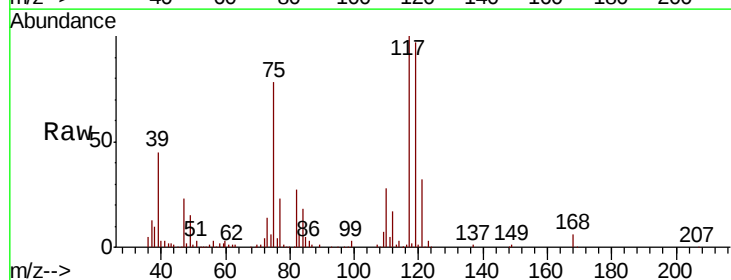


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

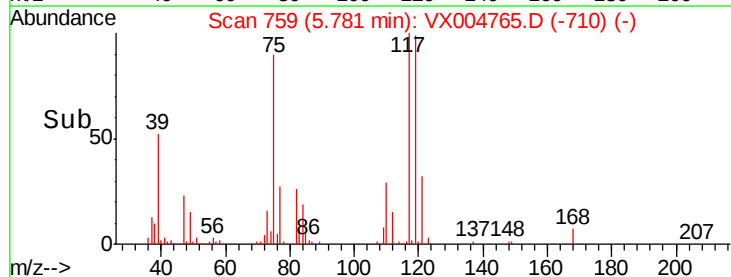
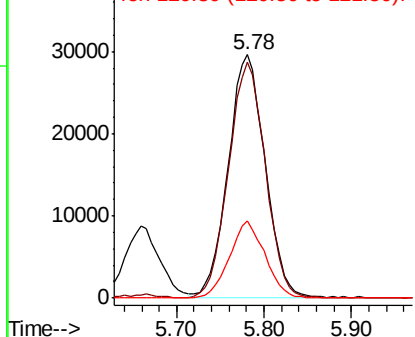


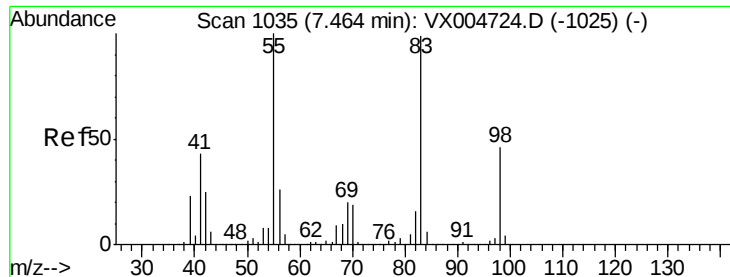
#38
Carbon Tetrachloride
Concen: 16.986 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion: 117 Resp: 86925
Ion Ratio Lower Upper
117 100
119 97.3 78.8 118.2
121 31.7 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

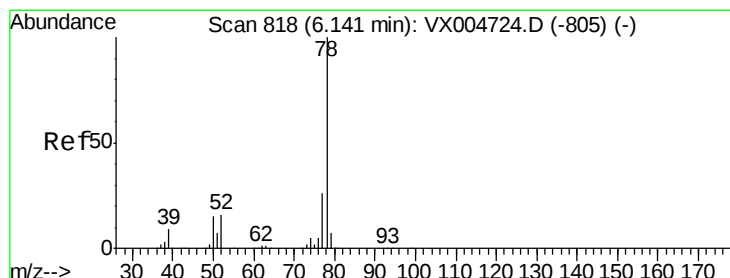
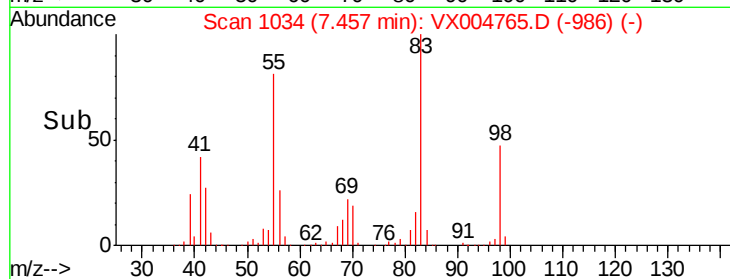
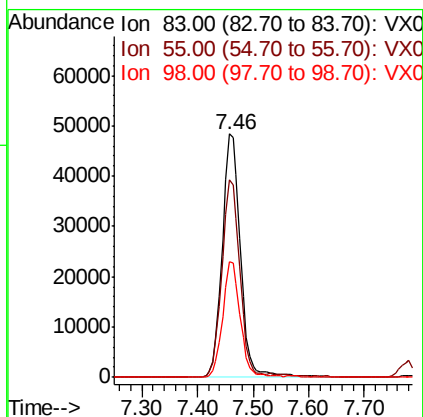
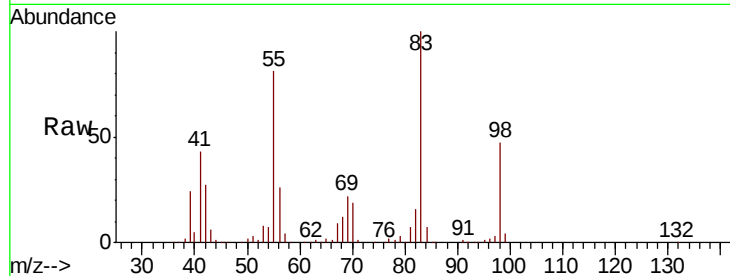




#39
Methvlcvclohexane
Concen: 22.242 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

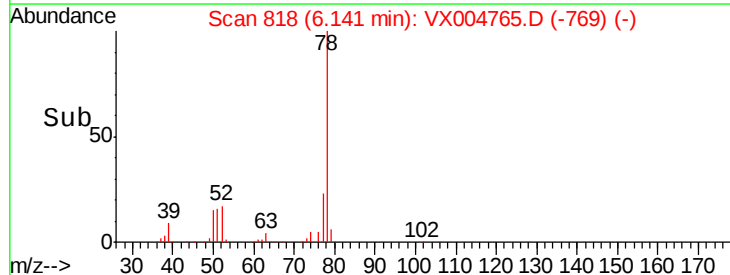
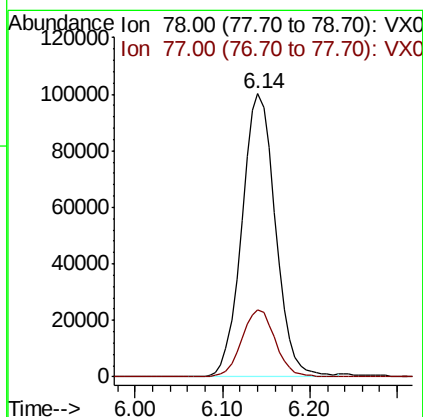
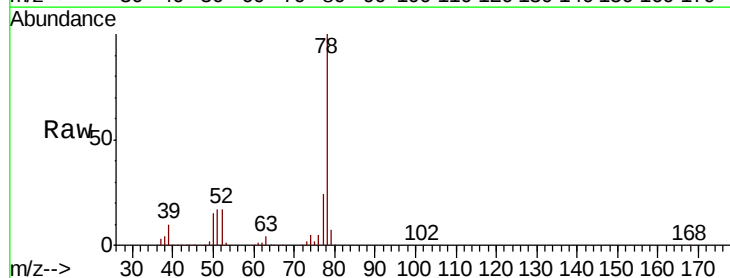
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion: 83 Resp: 110564
Ion Ratio Lower Upper
83 100
55 81.2 61.0 91.4
98 47.2 39.6 59.4



#40
Benzene
Concen: 17.562 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion: 78 Resp: 267663
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

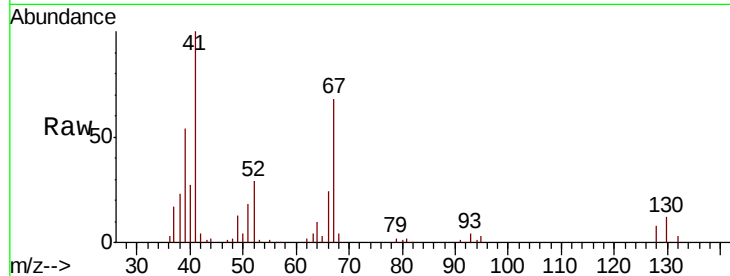




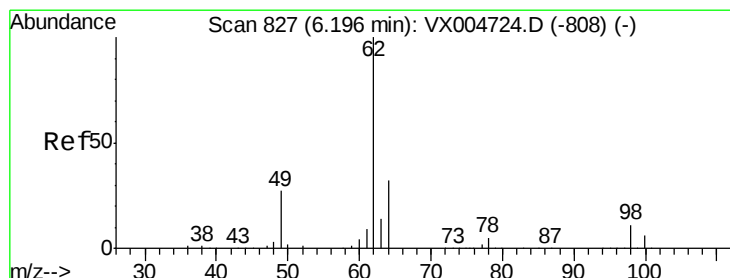
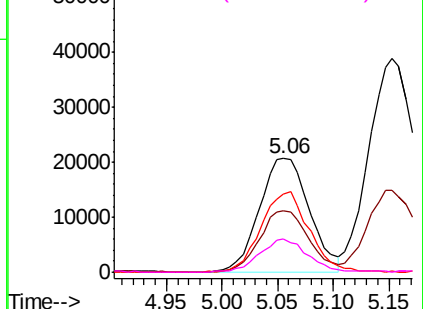
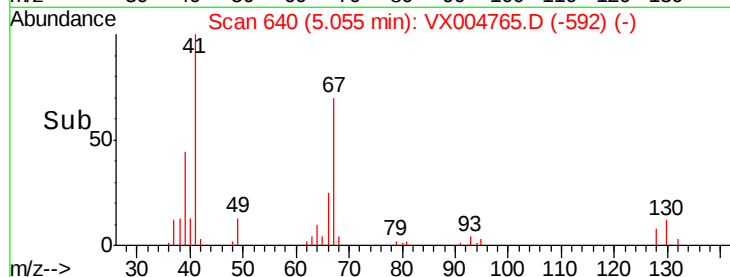
#41
Methacrylonitrile
Concen: 17.984 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Instrument :
MSVOA_X
ClientSampled :
VX0927WBS01

Tot Ion:	41	Resp:	64449
Ion	Ratio	Lower	Upper
41	100		
39	53.3	42.4	63.6
67	68.5	59.2	88.8
52	28.2	23.0	34.4

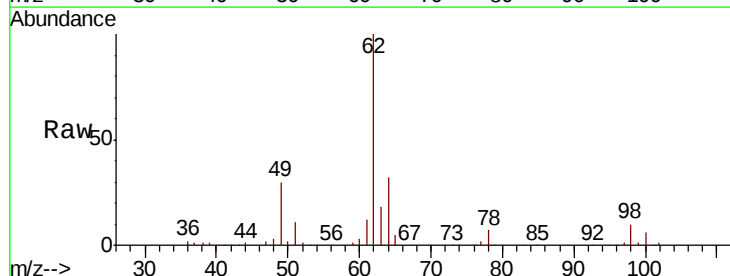


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

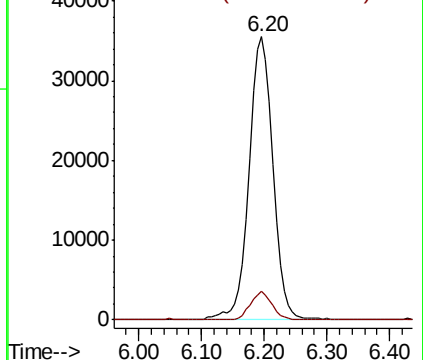
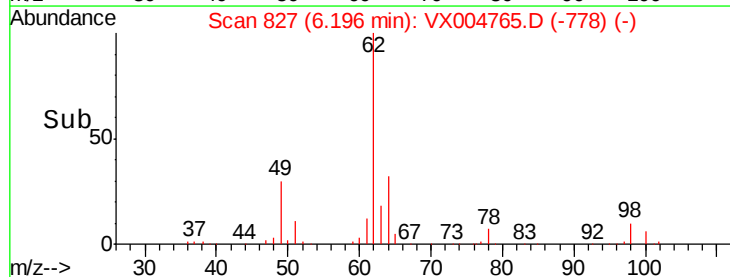


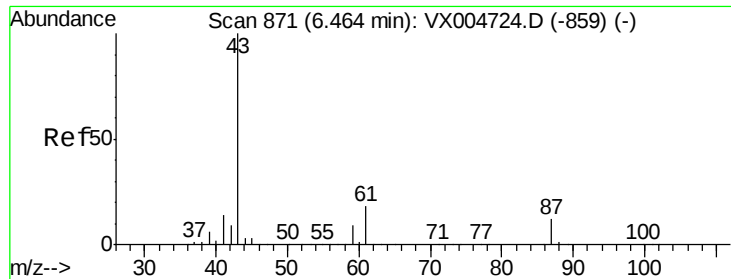
#42
1,2-Dichloroethane
Concen: 17.281 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion:	62	Resp:	93106
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.6



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



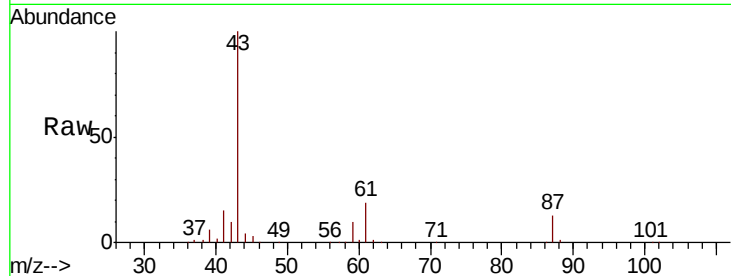


#43

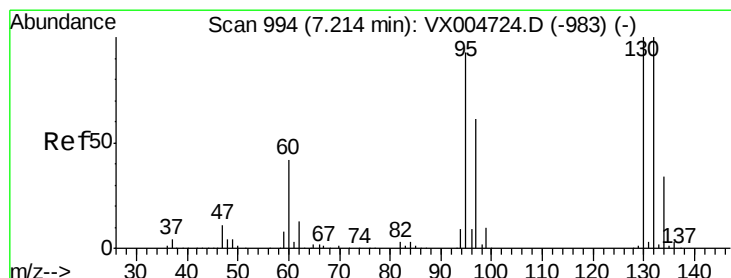
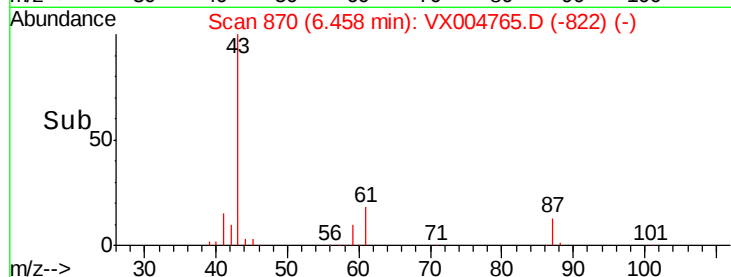
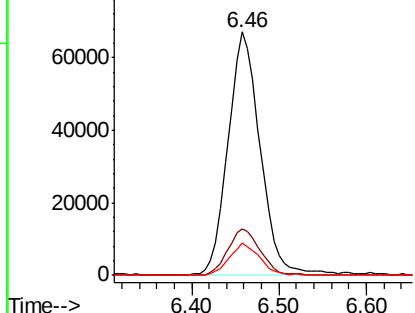
Isopropyl Acetate
 Concen: 18.229 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion: 43 Resp: 170025
 Ion Ratio Lower Upper
 43 100
 61 19.7 17.0 25.4
 87 12.7 11.4 17.2



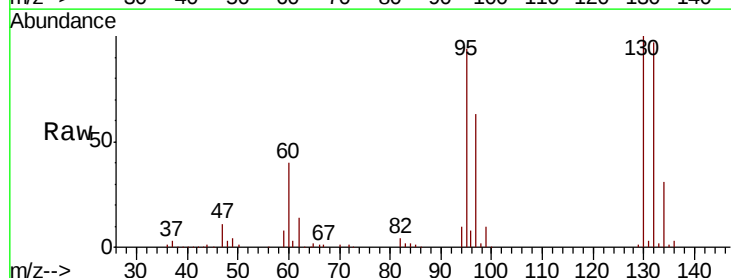
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



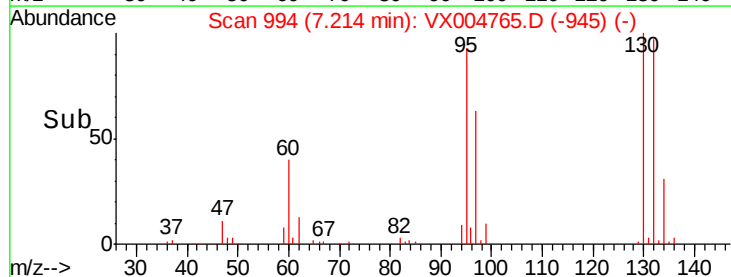
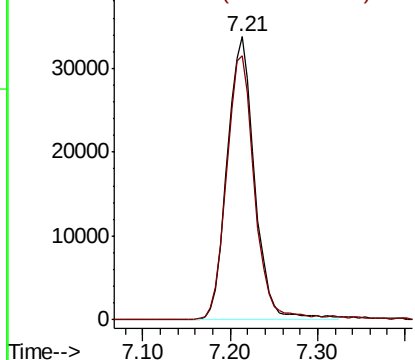
#44

Trichloroethene
 Concen: 19.673 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion:130 Resp: 73709
 Ion Ratio Lower Upper
 130 100
 95 93.6 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: 19.626 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

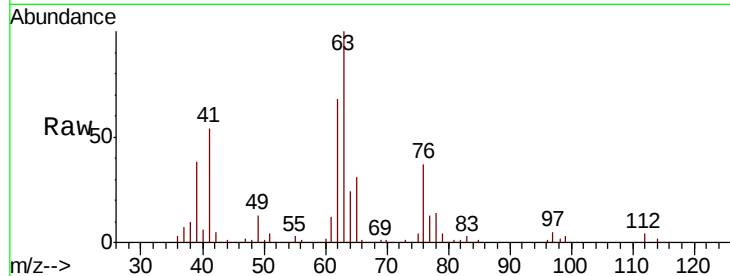
VX0927WBS01

Tot Ion: 63 Resp: 73355

Ion Ratio Lower Upper

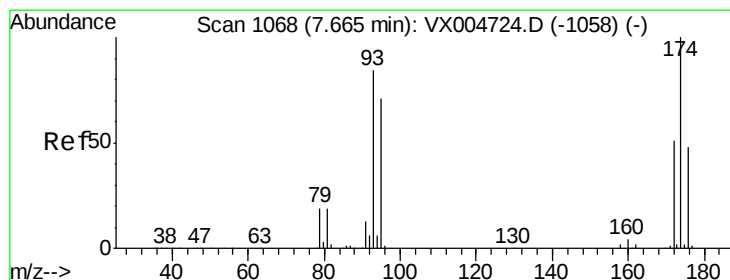
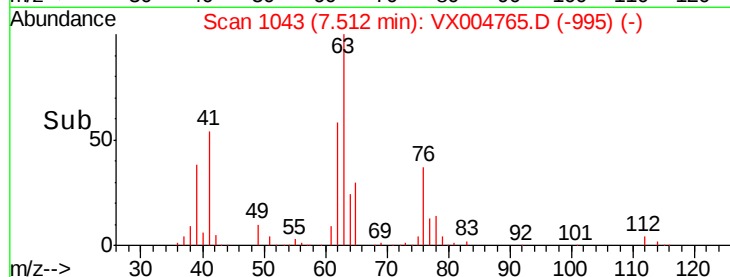
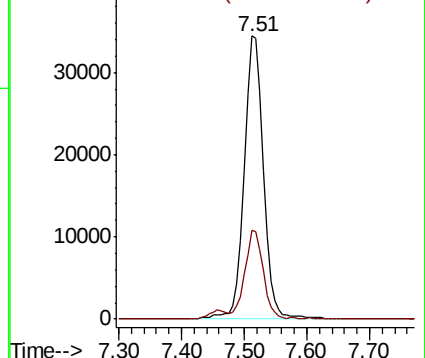
63 100

65 31.2 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.379 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

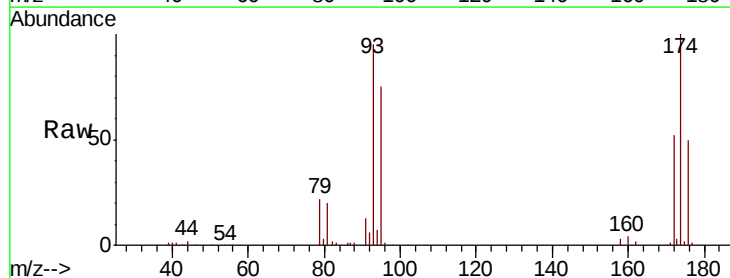
Tgt Ion: 93 Resp: 45521

Ion Ratio Lower Upper

93 100

95 83.0 65.5 98.3

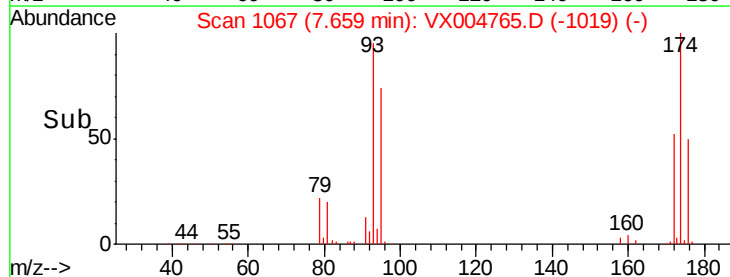
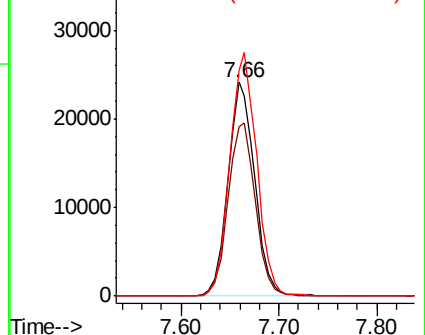
174 114.9 94.2 141.4

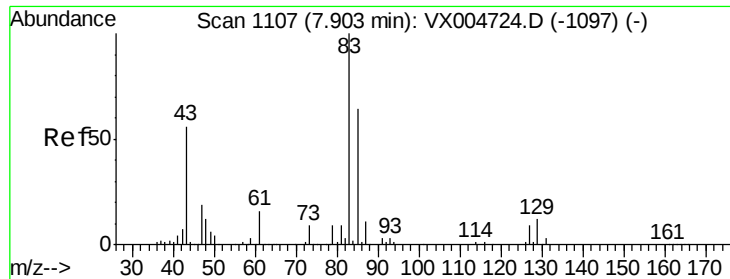


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.102 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

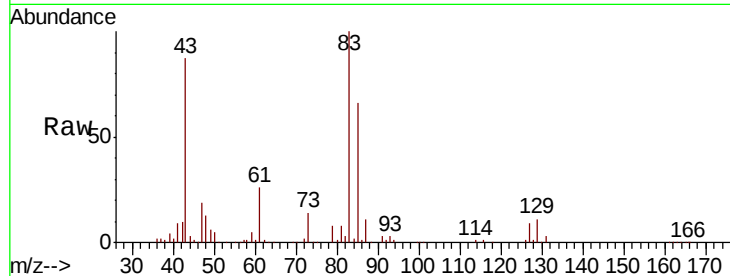
Tot Ion: 83 Resp: 84009

Ion Ratio Lower Upper

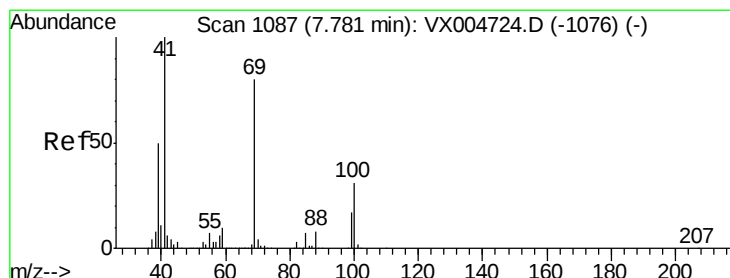
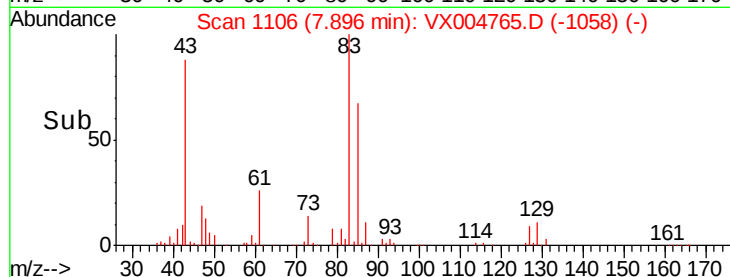
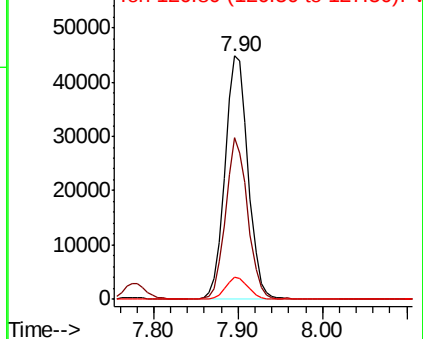
83 100

85 66.4 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: 20.761 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

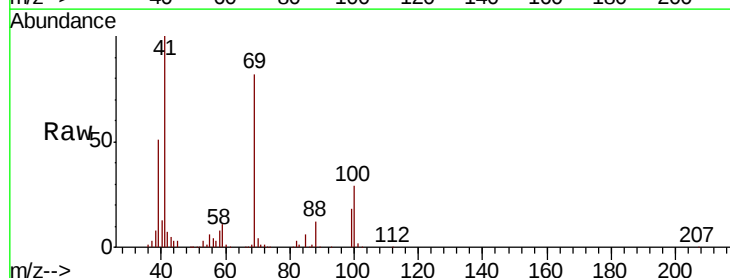
Tgt Ion: 41 Resp: 87891

Ion Ratio Lower Upper

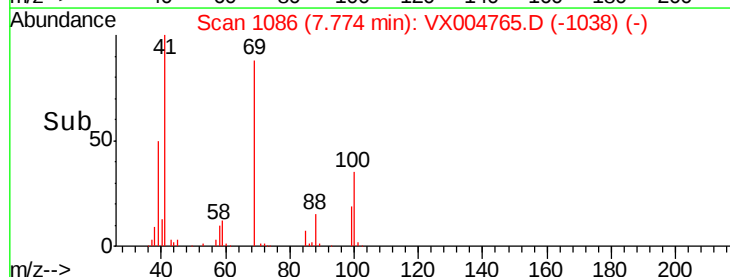
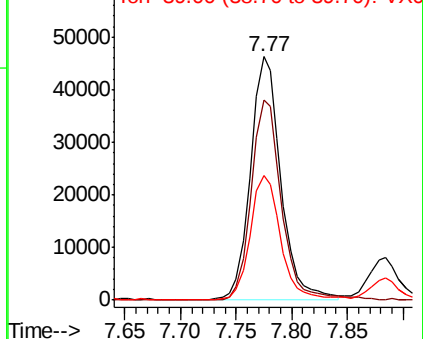
41 100

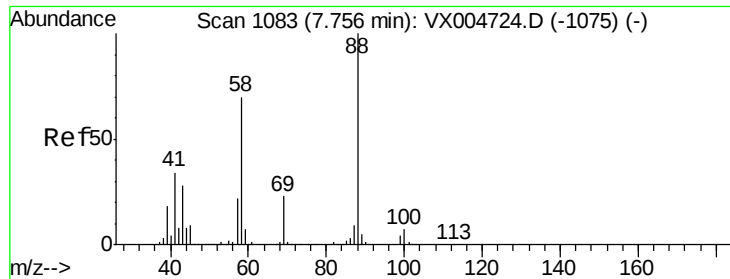
69 82.7 70.2 105.4

39 50.9 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: 402.184 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

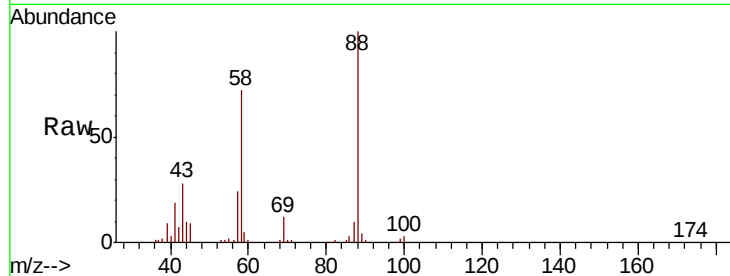
MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion: 88 Resp: 42300

Ion	Ratio	Lower	Upper
88	100		
43	31.8	24.7	37.1
58	72.4	55.3	82.9

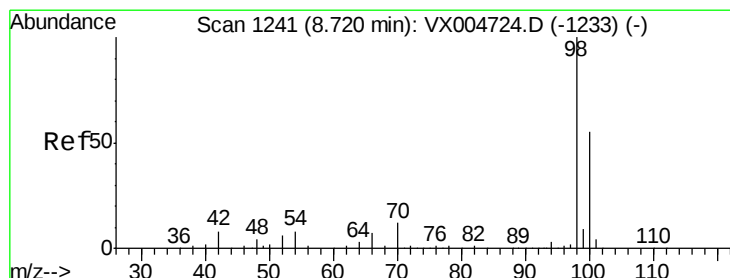
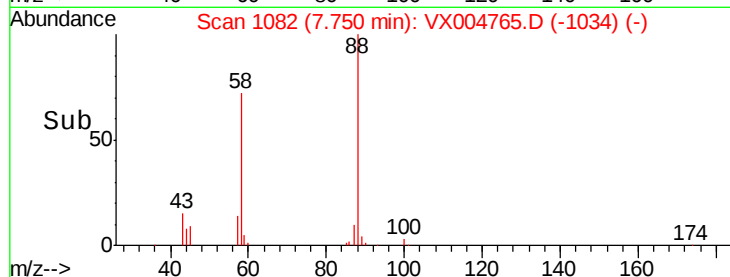
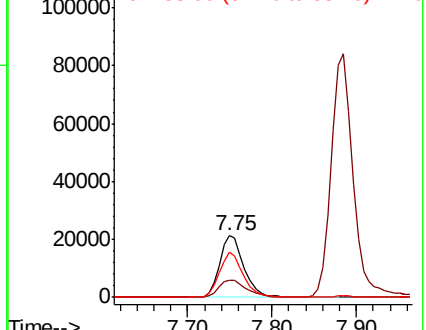


Abundance

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: 49.970 ug/l

RT: 8.71 min Scan# 1240

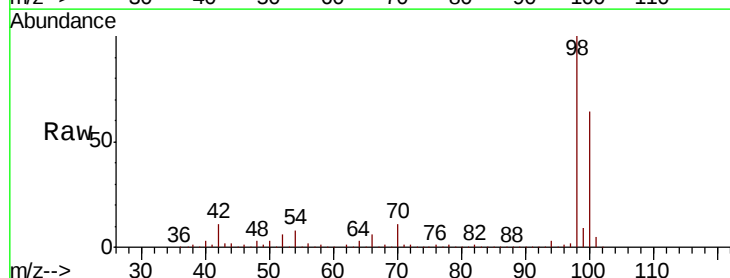
Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Tgt Ion: 98 Resp: 592761

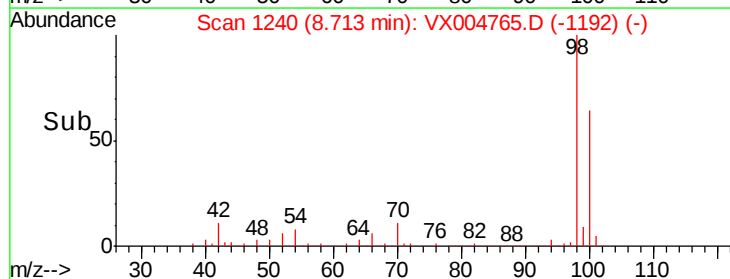
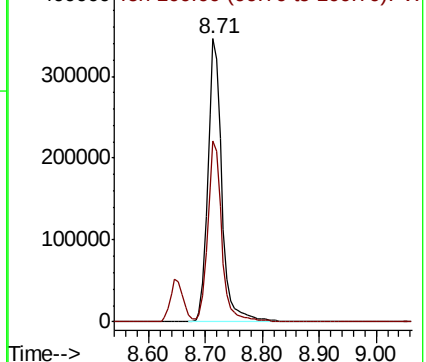
Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.9	79.3

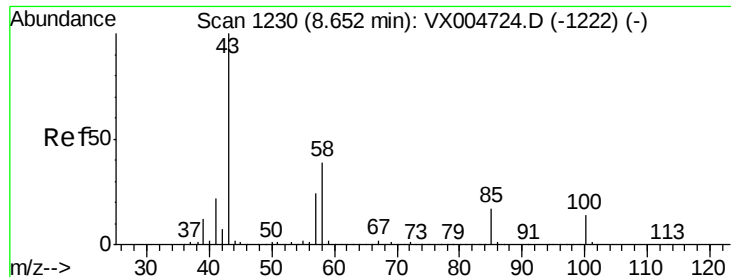


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

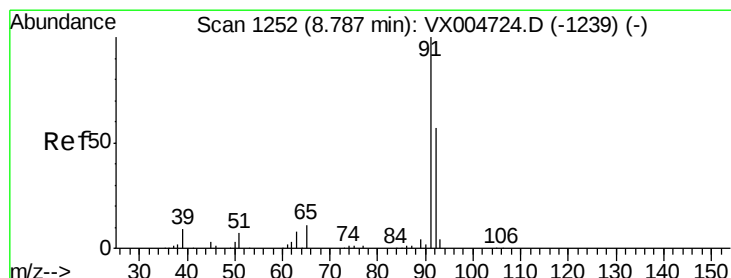
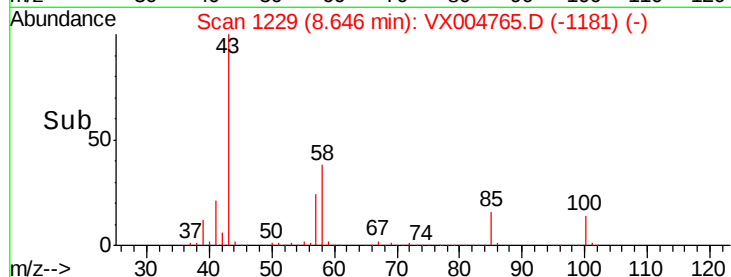
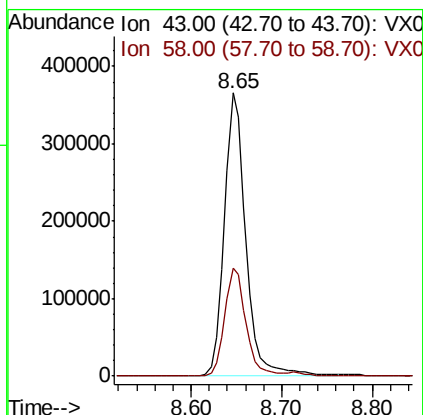
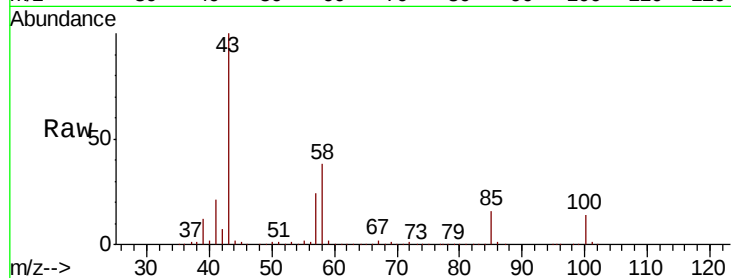




#51
4-Methyl-2-Pentanone
Concen: 102.665 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

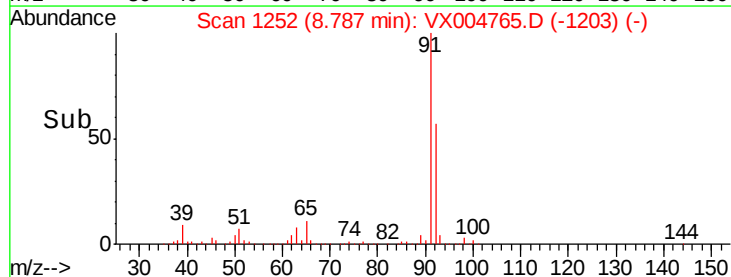
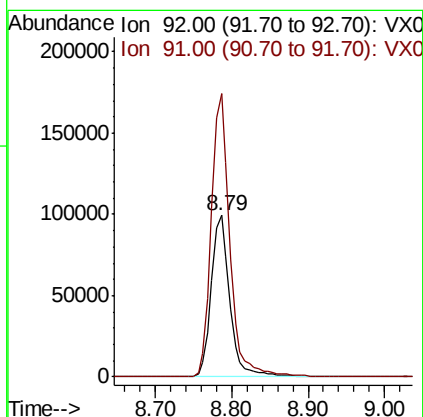
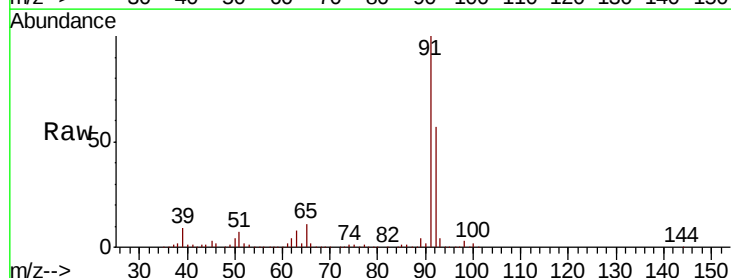
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion: 43 Resp: 602936
Ion Ratio Lower Upper
43 100
58 37.7 33.1 49.7



#52
Toluene
Concen: 20.119 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion: 92 Resp: 168489
Ion Ratio Lower Upper
92 100
91 174.4 136.4 204.6

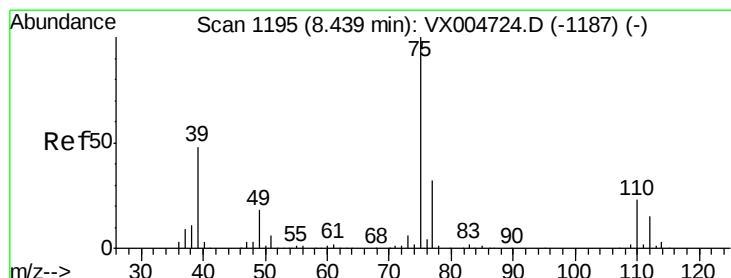
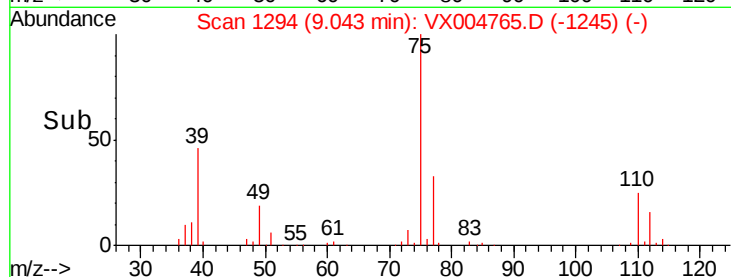
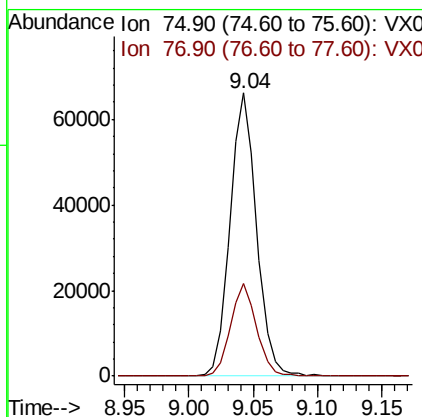
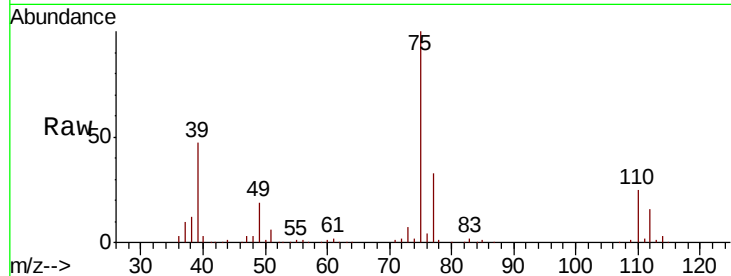




#53
 t-1,3-Dichloropropene
 Concen: 19.172 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

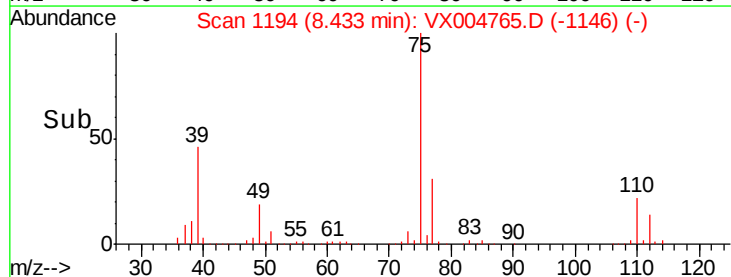
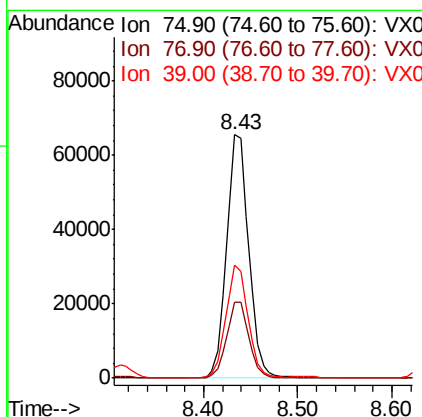
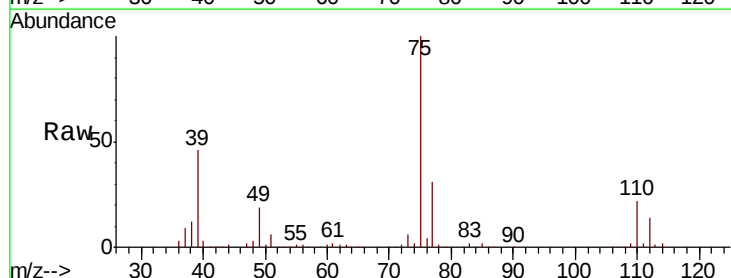
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion: 75 Resp: 95279
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.506 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion: 75 Resp: 106743
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.2 39.2
 39 46.0 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 18.800 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tot Ion: 97 Resp: 68967

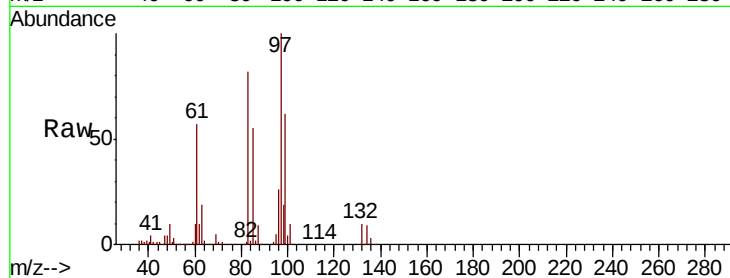
Ion Ratio Lower Upper

97 100

83 81.6 66.4 99.6

85 54.5 43.3 64.9

99 61.9 49.0 73.4

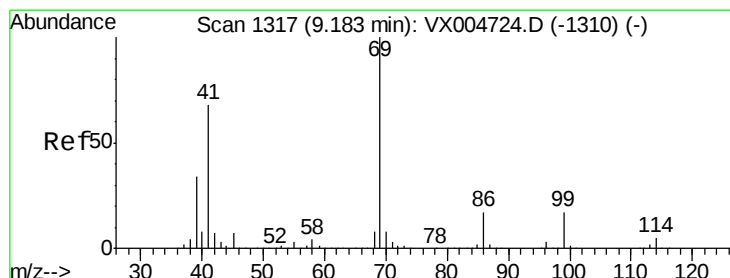
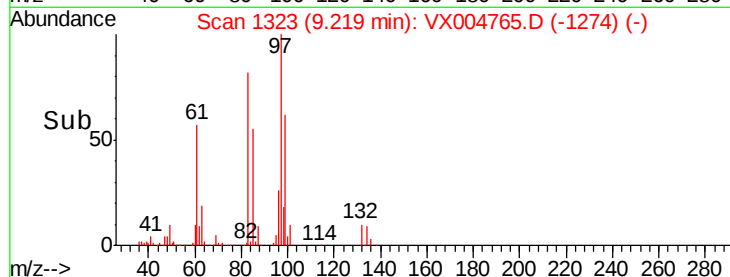
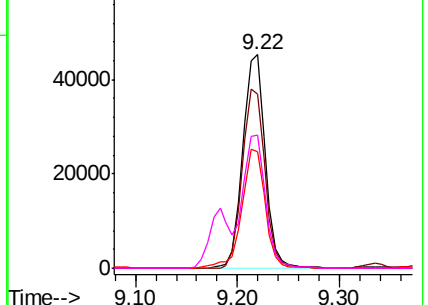


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.736 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

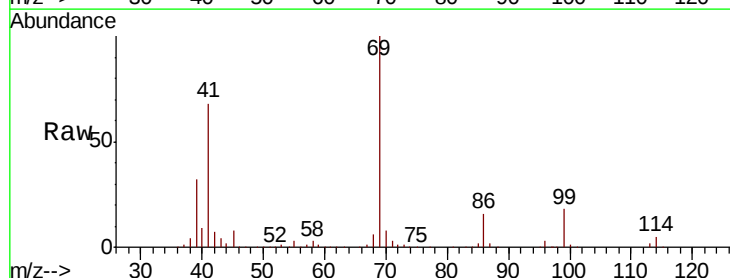
Tgt Ion: 69 Resp: 106547

Ion Ratio Lower Upper

69 100

41 68.8 51.0 76.4

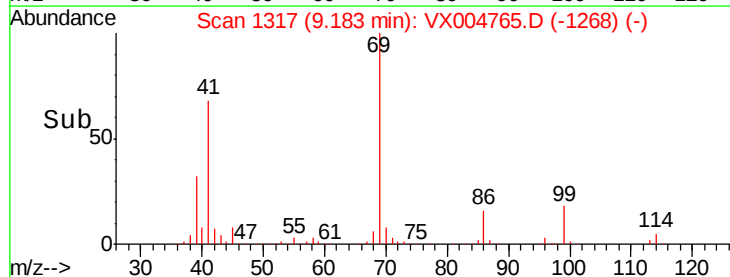
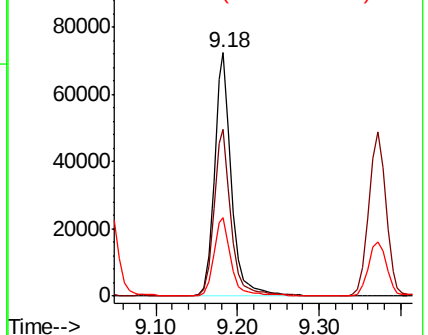
39 32.5 26.1 39.1



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

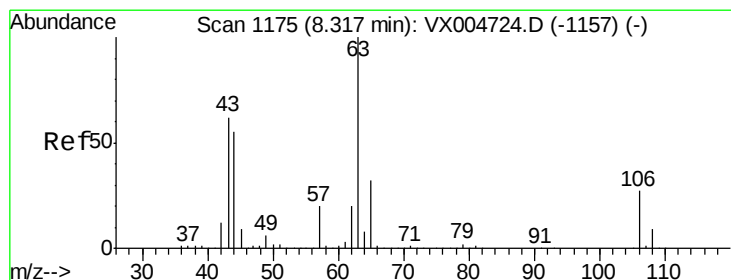
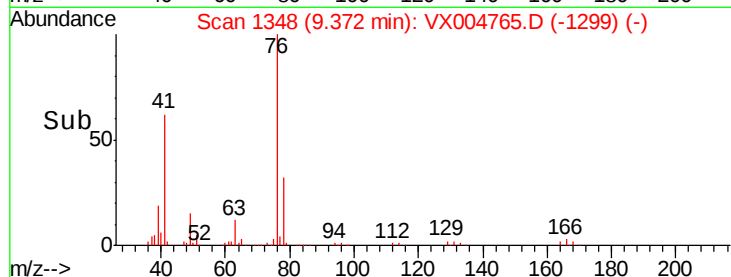
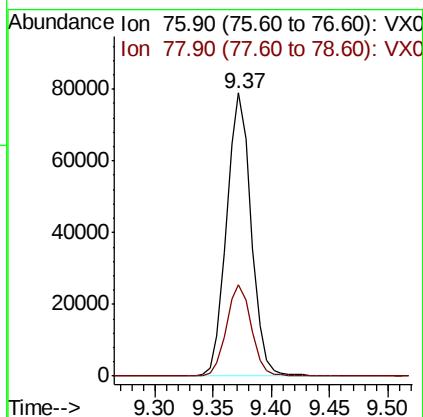
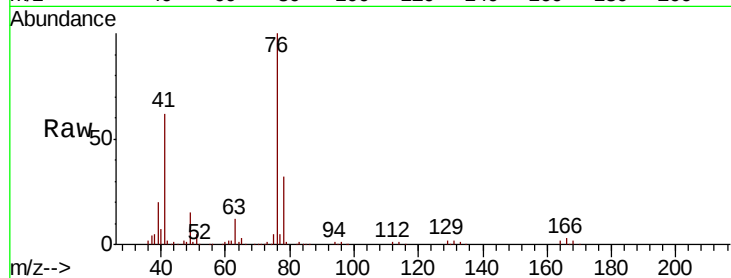




#57
 1,3-Dichloropropane
 Concen: 18.988 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

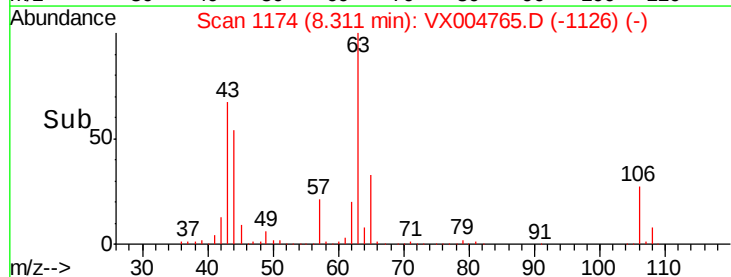
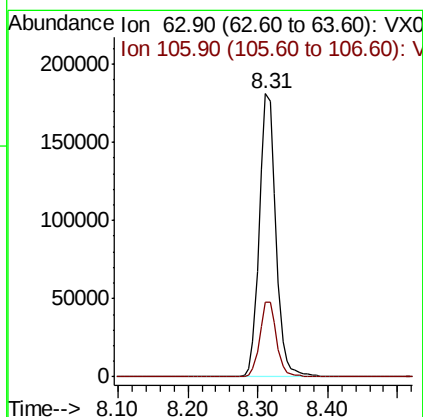
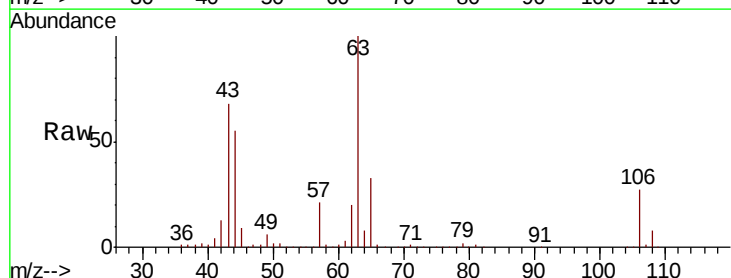
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tot Ion: 76 Resp: 115928
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.641 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion: 63 Resp: 299649
 Ion Ratio Lower Upper
 63 100
 106 26.8 23.9 35.9

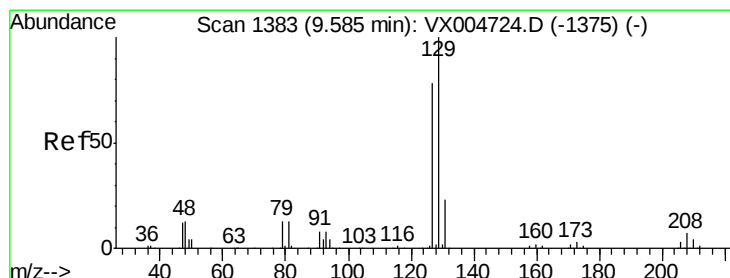
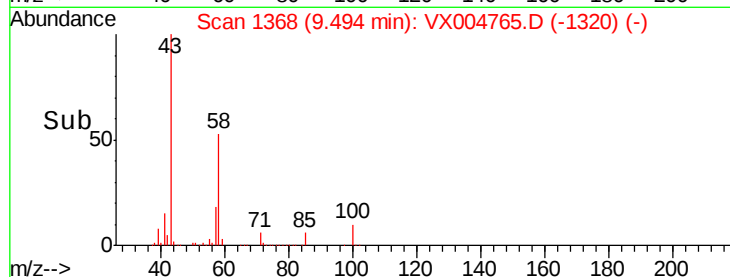
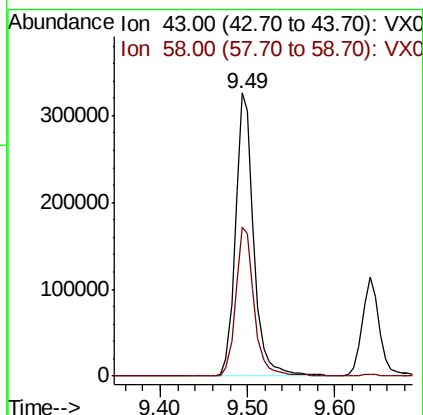
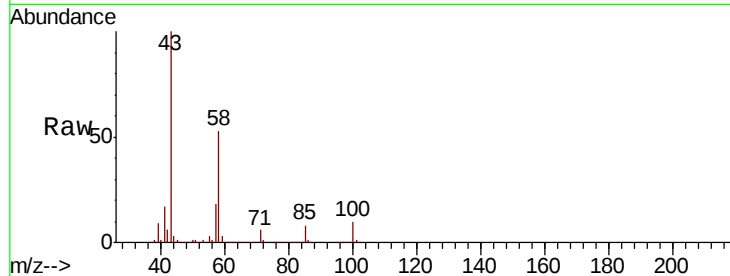




#59
2-Hexanone
Concen: 97.403 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

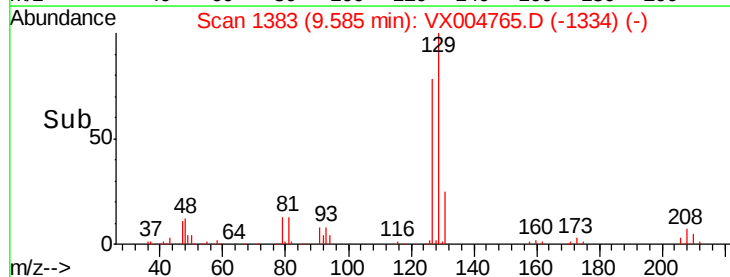
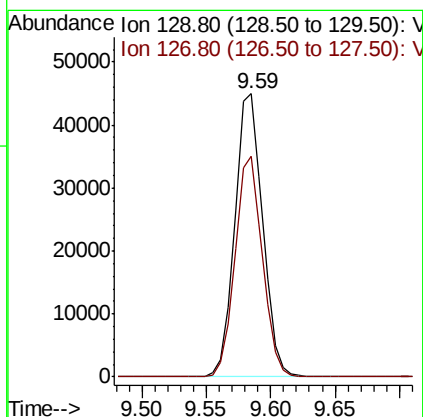
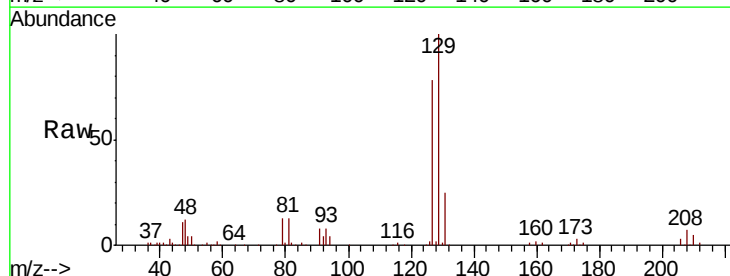
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

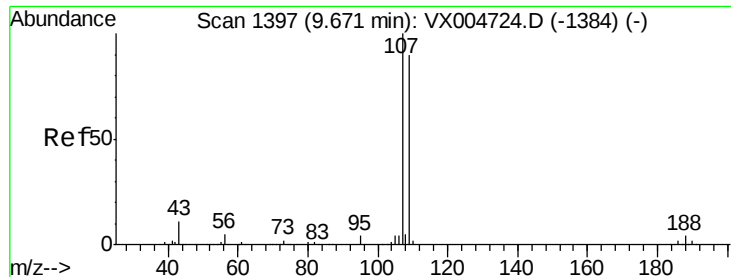
Tot Ion: 43 Resp: 476682
Ion Ratio Lower Upper
43 100
58 53.4 29.0 87.0



#60
Dibromochloromethane
Concen: 18.395 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion: 129 Resp: 67485
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 17.970 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

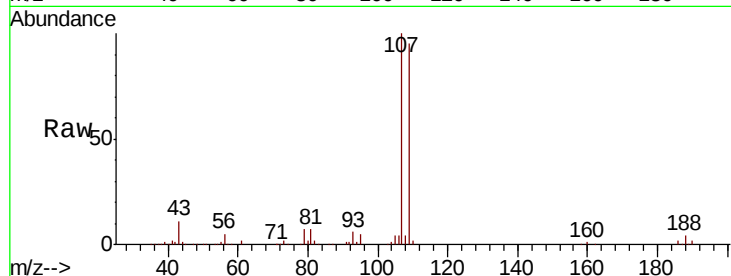
VX0927WBS01

Tot Ion:107 Resp: 70599

Ion Ratio Lower Upper

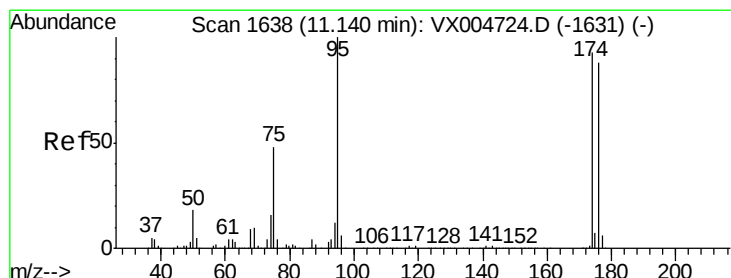
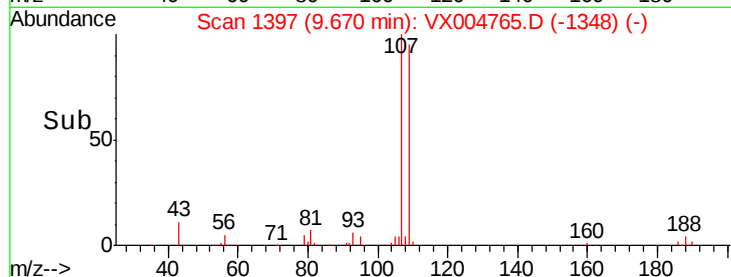
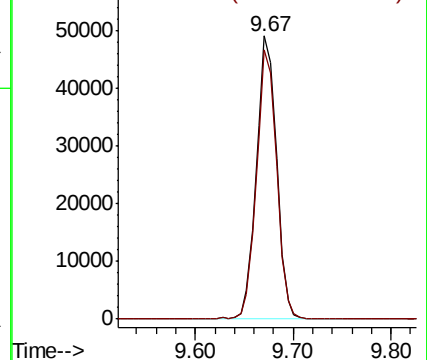
107 100

109 95.3 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: 50.437 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

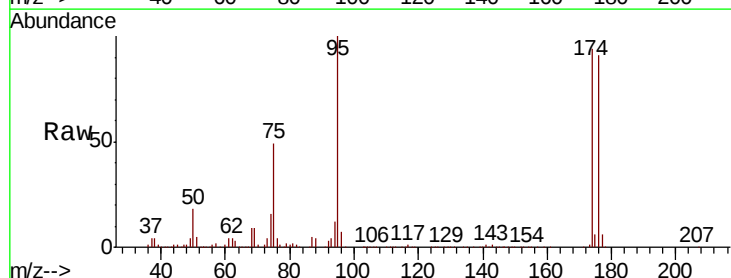
Tgt Ion: 95 Resp: 215541

Ion Ratio Lower Upper

95 100

174 90.7 0.0 185.2

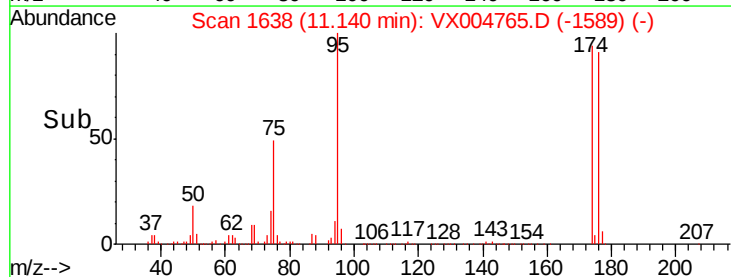
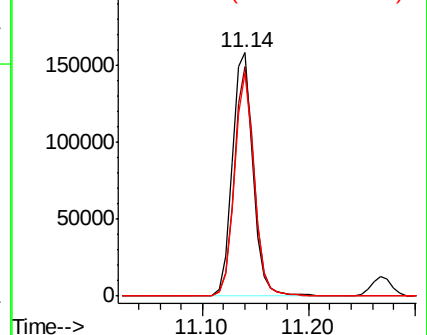
176 87.7 0.0 178.6



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

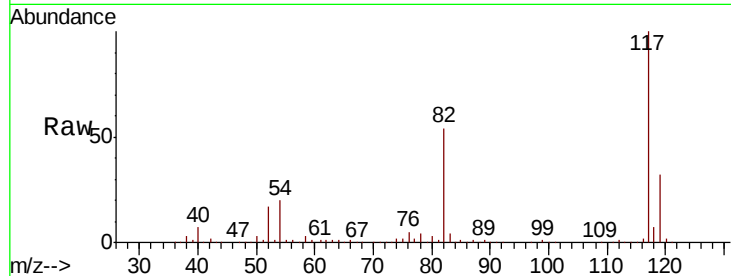




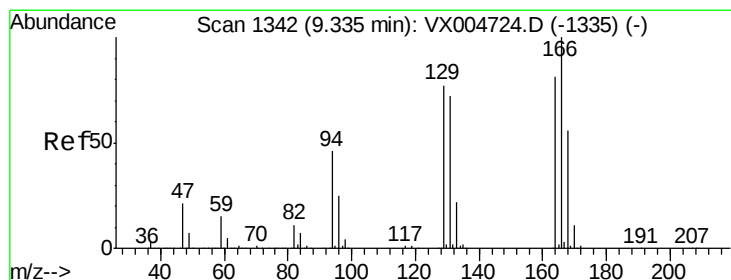
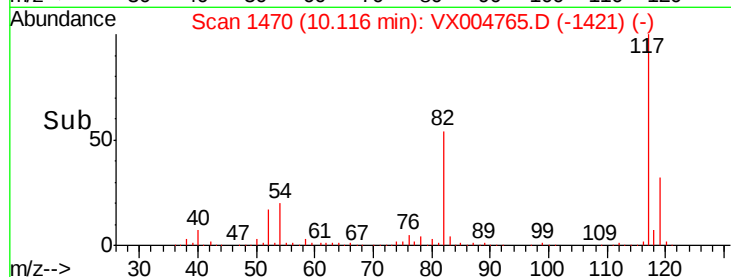
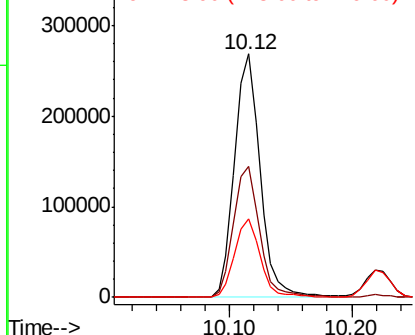
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion:117 Resp: 390278
Ion Ratio Lower Upper
117 100
82 53.8 47.8 71.6
119 32.2 29.3 43.9

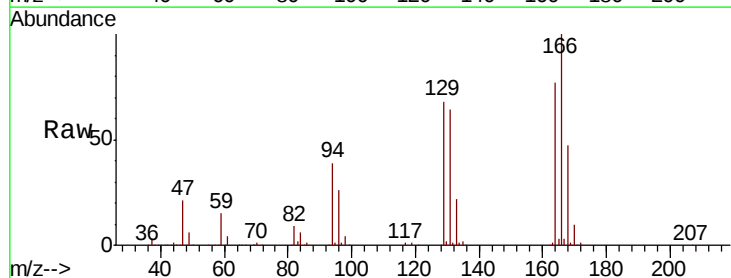


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

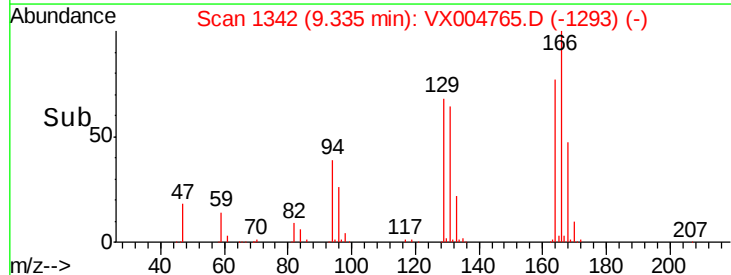
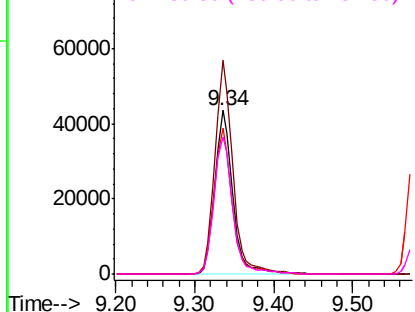


#64
Tetrachloroethene
Concen: 18.144 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion:164 Resp: 69694
Ion Ratio Lower Upper
164 100
166 130.5 102.8 154.2
129 88.9 69.4 104.0
131 83.6 67.9 101.9



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

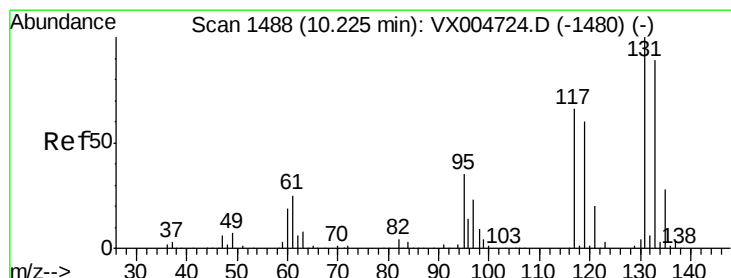
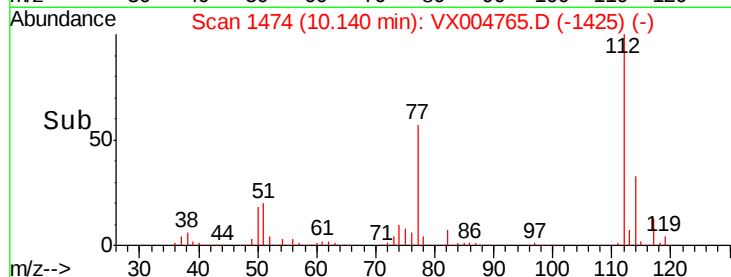
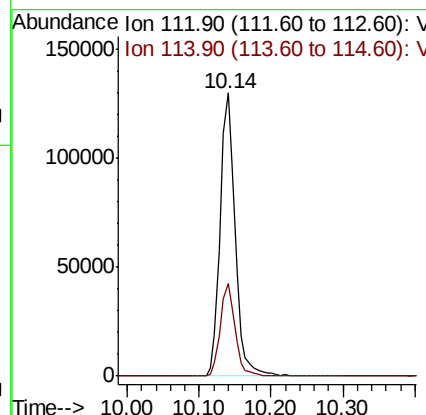
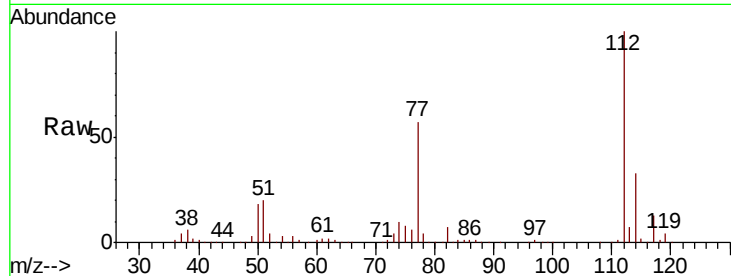




#65
Chlorobenzene
Concen: 18.742 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

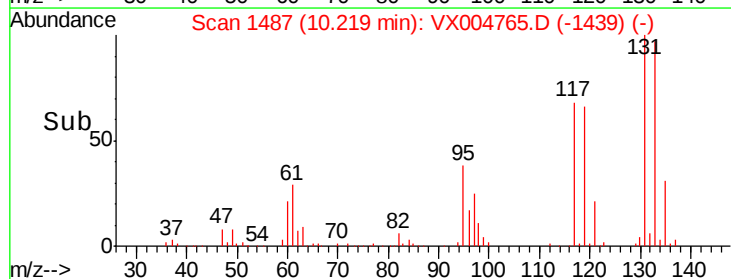
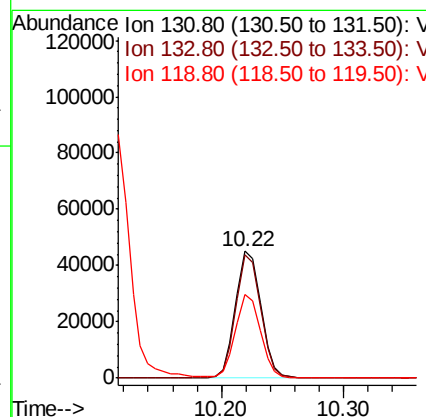
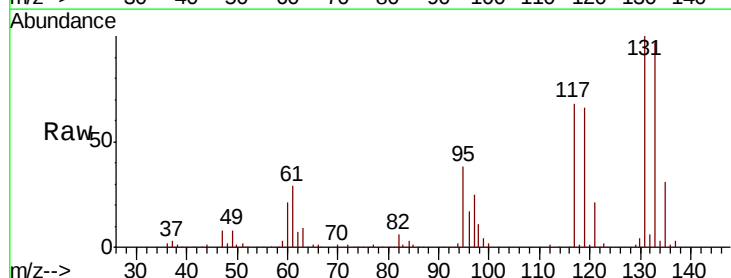
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion:112 Resp: 187568
Ion Ratio Lower Upper
112 100
114 32.7 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.452 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion:131 Resp: 64920
Ion Ratio Lower Upper
131 100
133 95.6 48.1 144.4
119 65.4 32.9 98.6





#67

Ethyl Benzene

Concen: 19.918 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

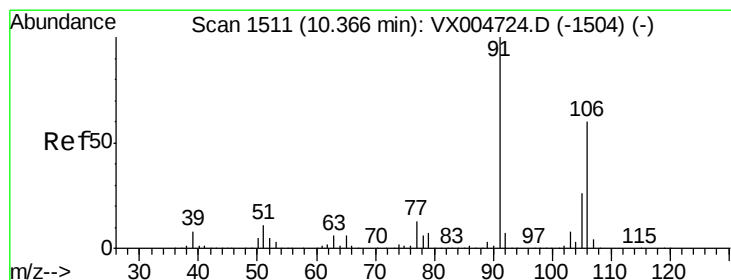
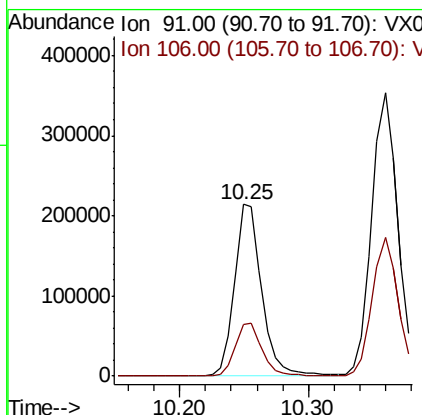
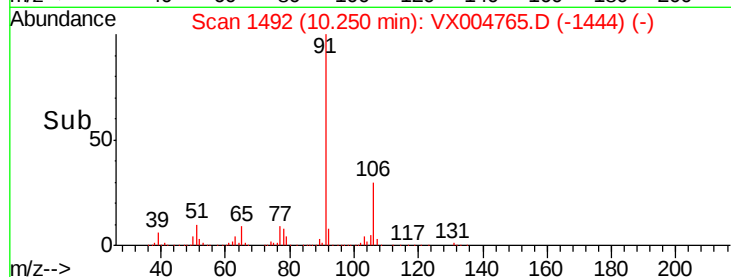
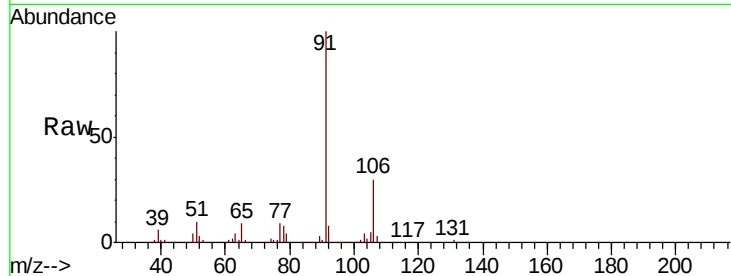
VX0927WBS01

Tot Ion: 91 Resp: 316463

Ion Ratio Lower Upper

91 100

106 29.9 25.9 38.9



#68

m/p-Xylenes

Concen: 39.717 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004765.D

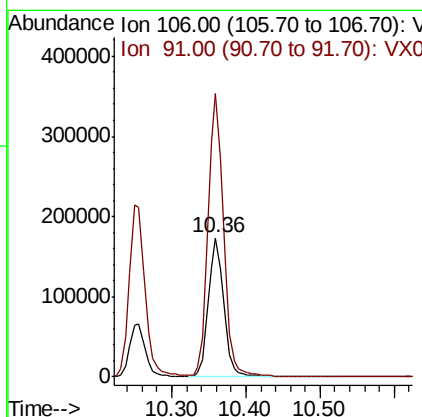
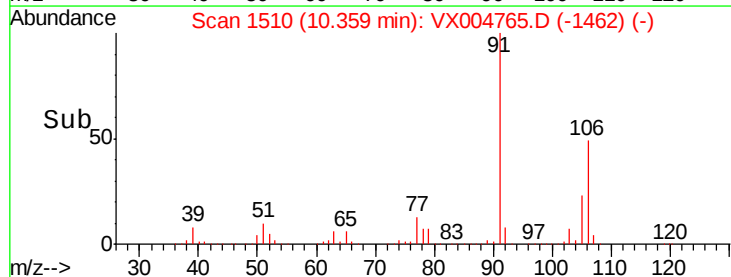
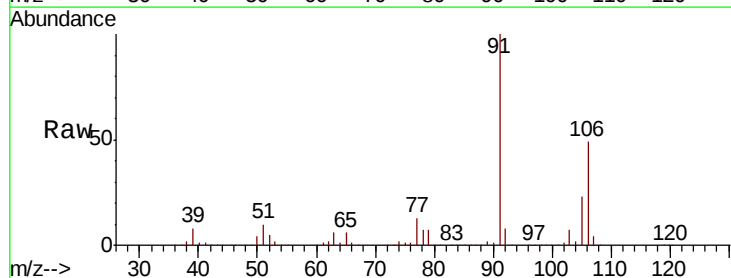
Acq: 27 Sep 2018 11:16

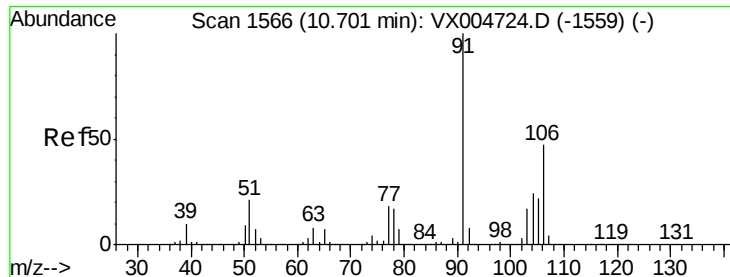
Tgt Ion:106 Resp: 246596

Ion Ratio Lower Upper

106 100

91 205.7 157.1 235.7

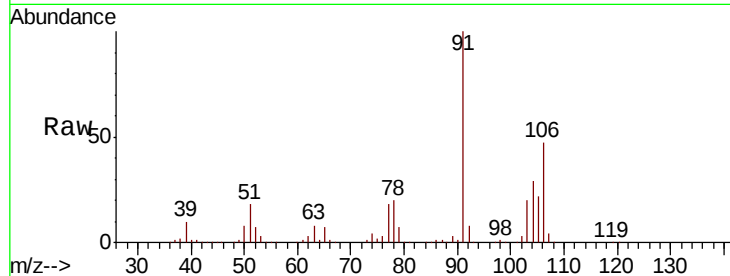




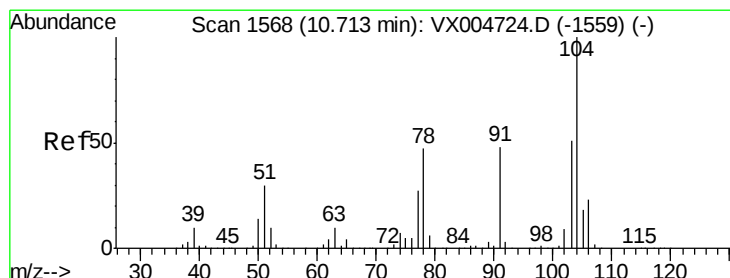
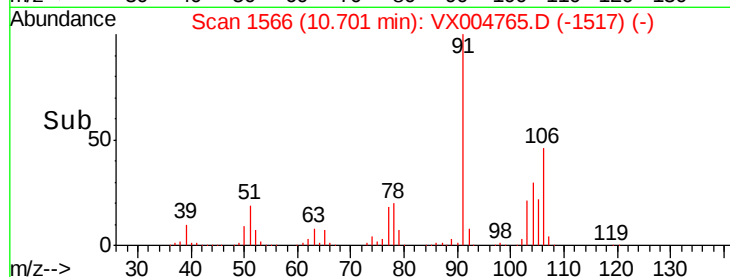
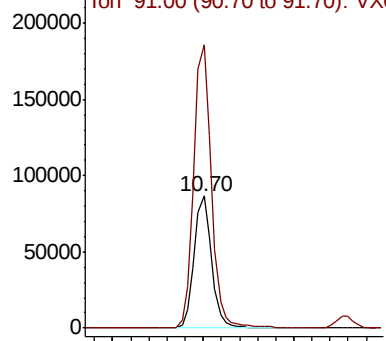
#69
o-Xylene
Concen: 20.571 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Instrument :
MSVOA_X
ClientSampled :
VX0927WBS01

Tot Ion:106 Resp: 117314
Ion Ratio Lower Upper
106 100
91 216.6 105.1 315.1

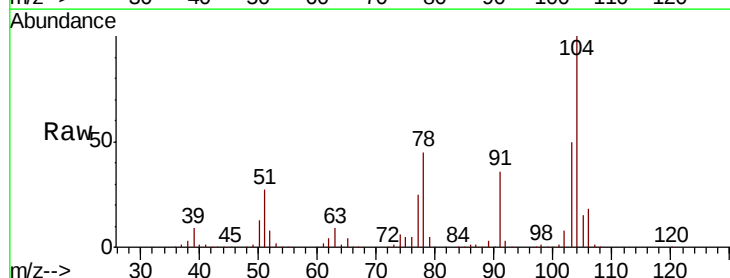


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

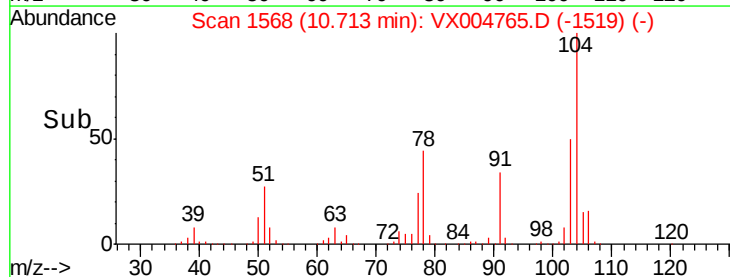
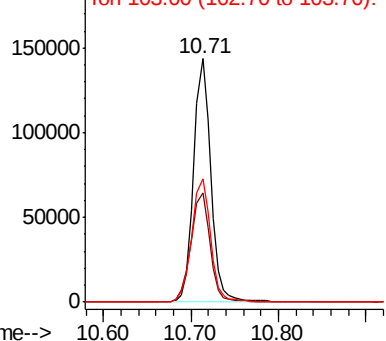


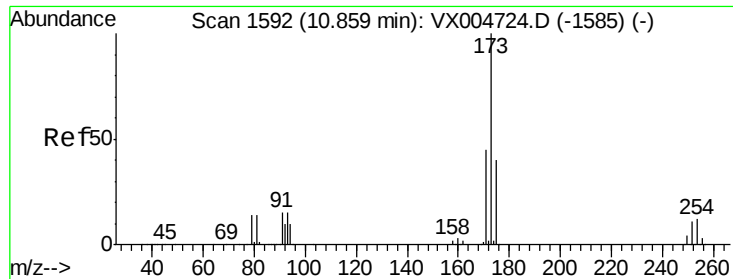
#70
Styrene
Concen: 19.697 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion:104 Resp: 195636
Ion Ratio Lower Upper
104 100
78 49.9 37.4 56.0
103 55.6 43.8 65.6



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

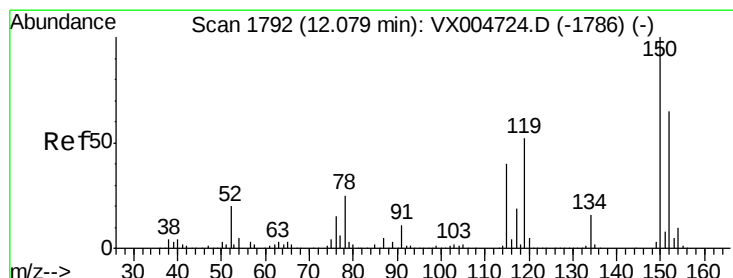
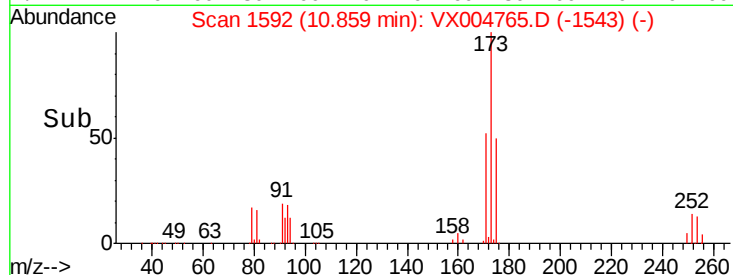
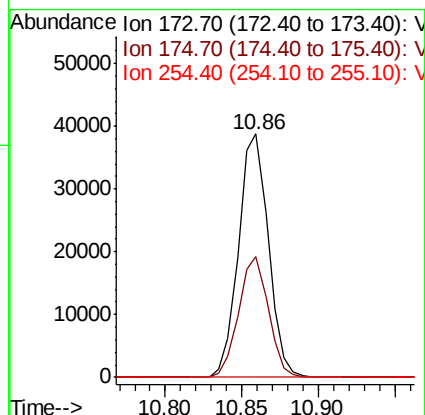
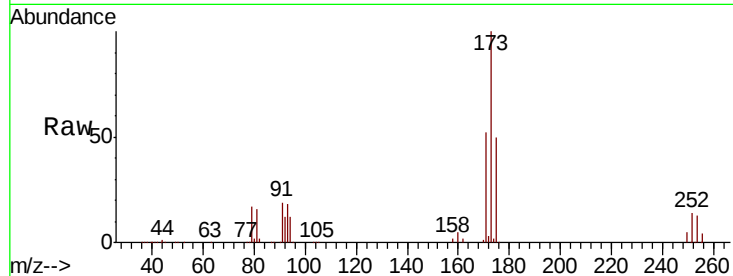




#71
Bromoform
Concen: 17.405 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

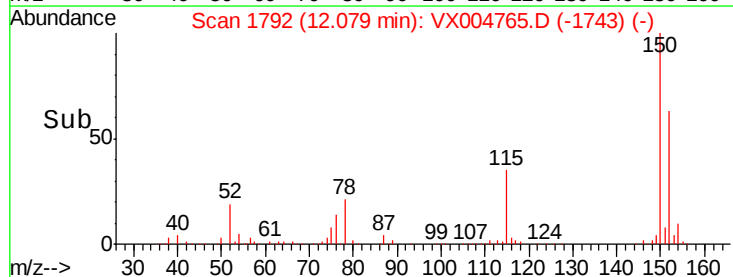
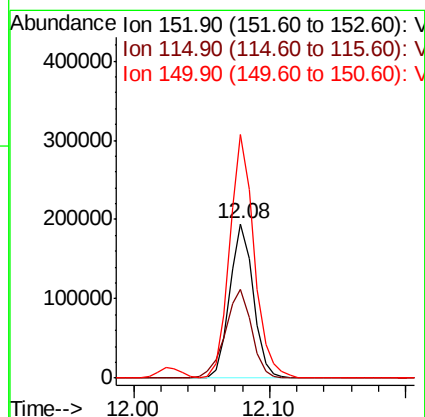
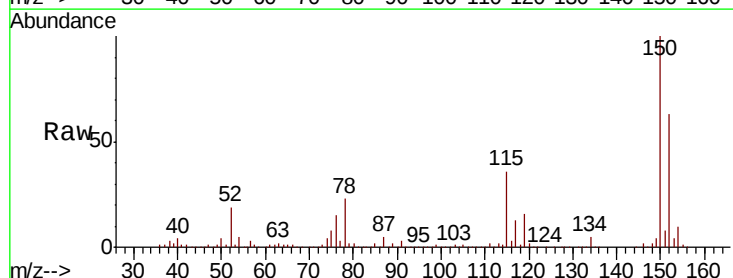
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

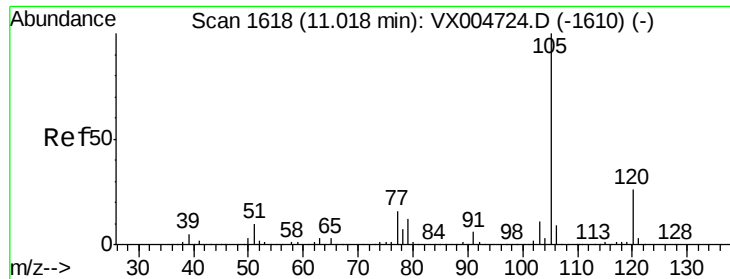
Tot Ion:173 Resp: 52427
Ion Ratio Lower Upper
173 100
175 49.5 24.1 72.3
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion:152 Resp: 233702
Ion Ratio Lower Upper
152 100
115 64.5 39.0 117.0
150 163.6 0.0 351.0





#73

Isopropylbenzene

Concen: 21.775 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

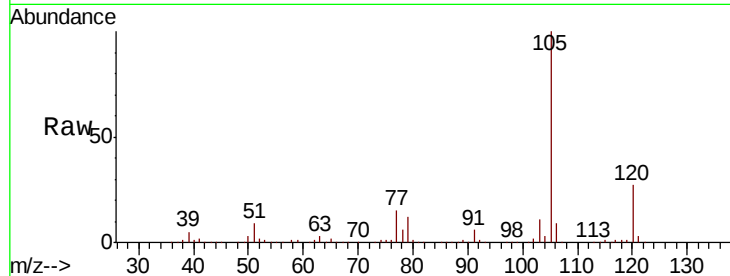
VX0927WBS01

Tot Ion: 105 Resp: 320760

Ion Ratio Lower Upper

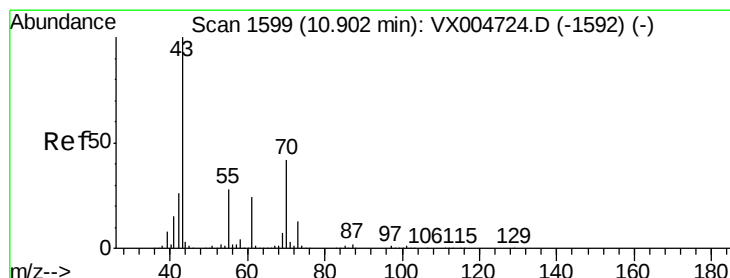
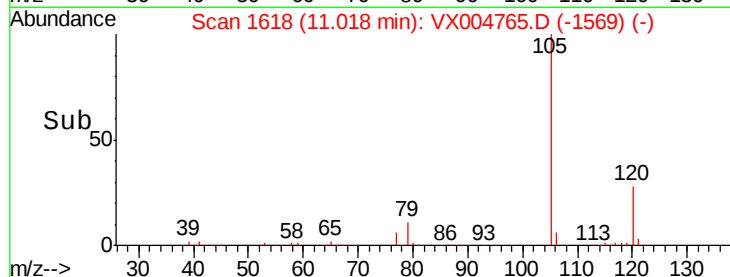
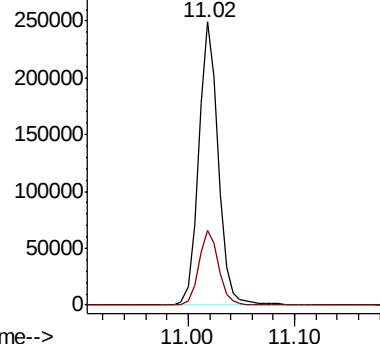
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.595 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Tgt Ion: 43 Resp: 149737

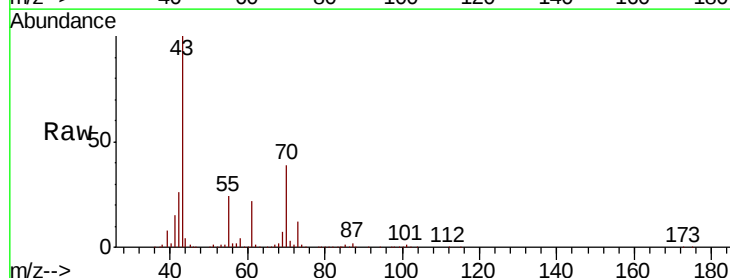
Ion Ratio Lower Upper

43 100

70 40.5 37.4 56.0

55 25.2 21.8 32.8

61 23.6 20.6 30.8

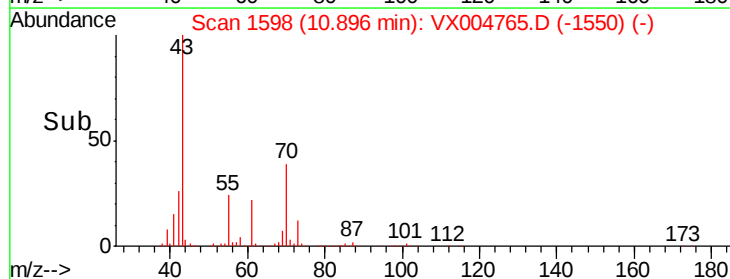
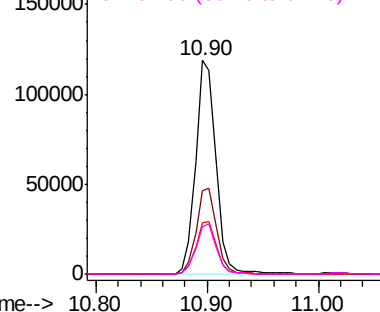


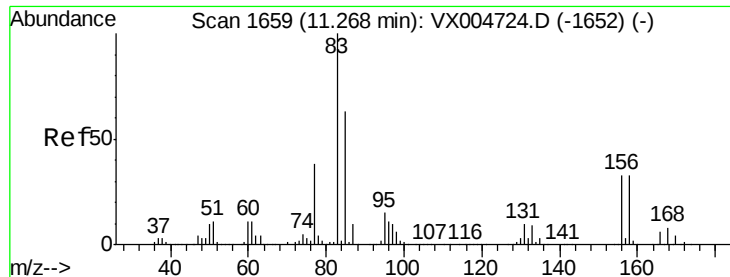
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.296 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

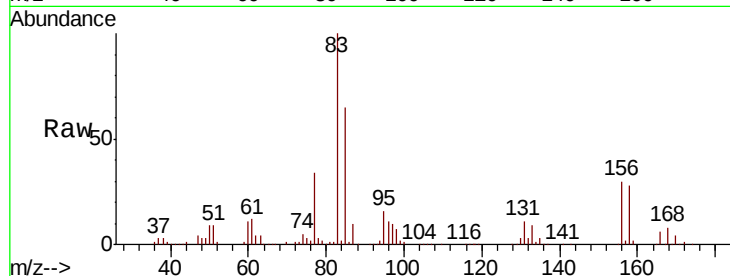
Tot Ion: 83 Resp: 109708

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

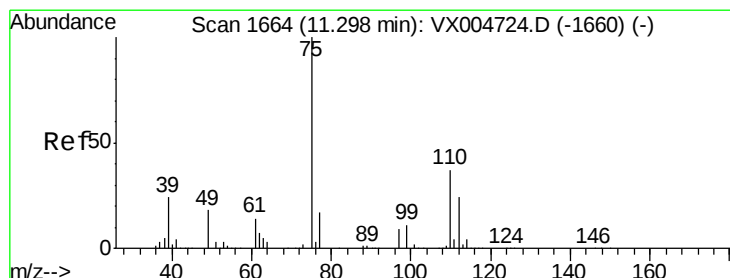
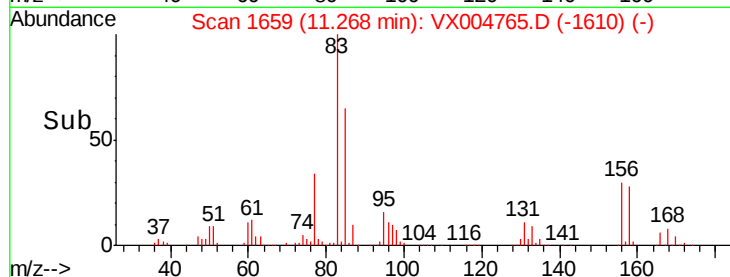
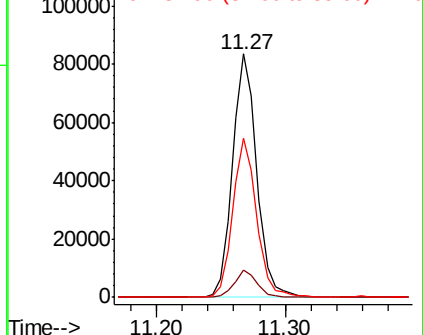
85 64.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.233 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004765.D

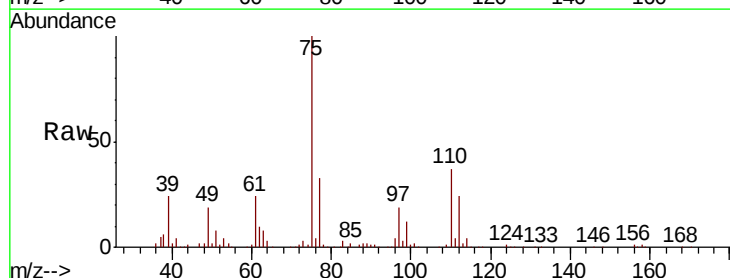
Acq: 27 Sep 2018 11:16

Tgt Ion: 75 Resp: 126934

Ion Ratio Lower Upper

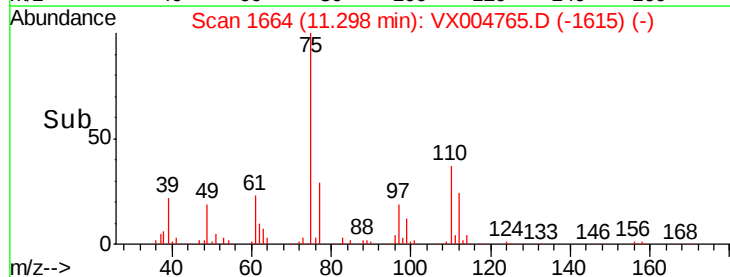
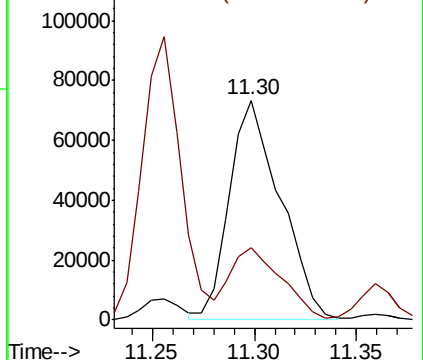
75 100

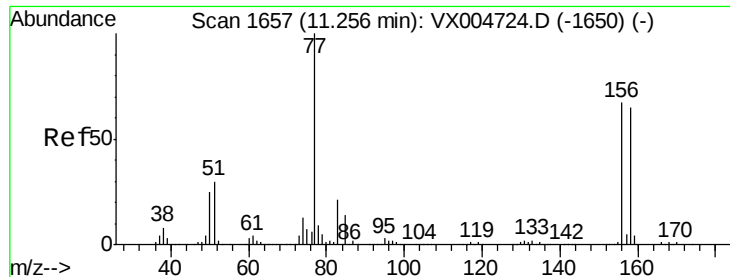
77 32.9 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

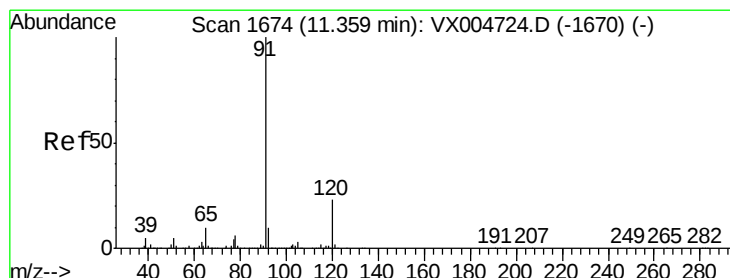
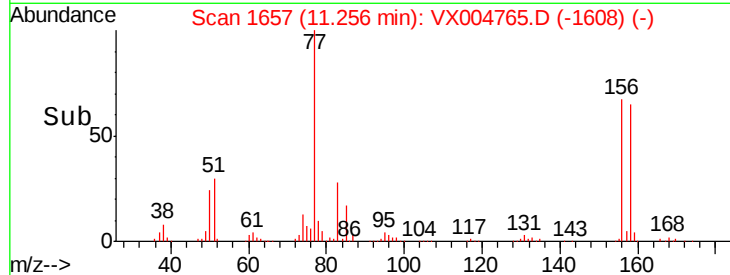
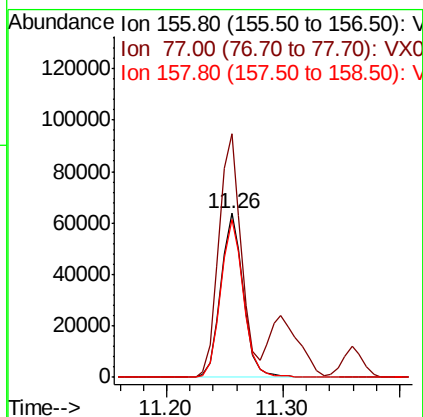
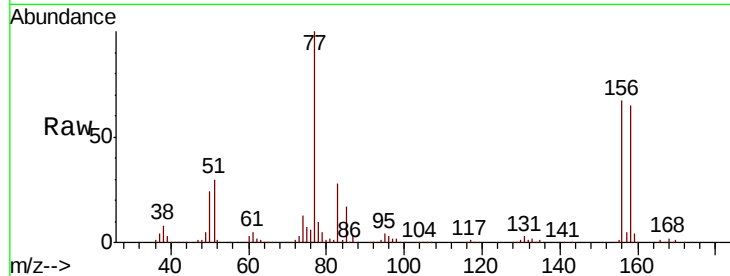




#77
Bromobenzene
Concen: 19.782 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

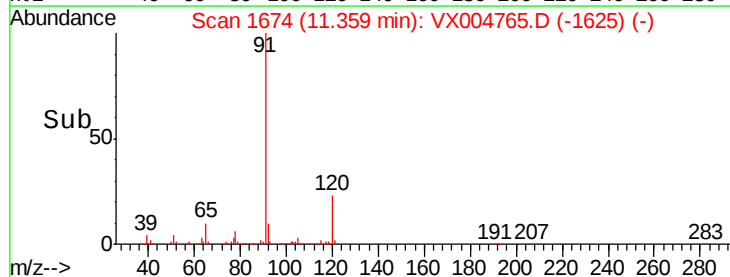
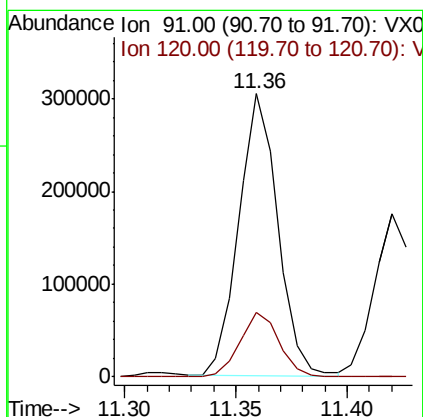
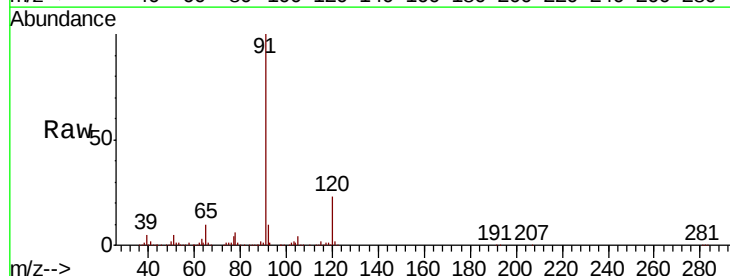
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion:156 Resp: 84639
Ion Ratio Lower Upper
156 100
77 147.7 71.5 214.3
158 97.0 48.9 146.8



#78
n-propylbenzene
Concen: 22.003 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion: 91 Resp: 371890
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.9

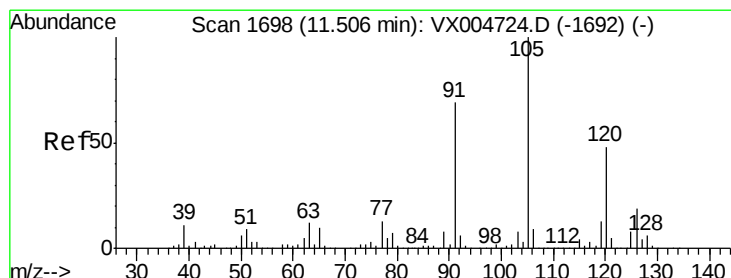
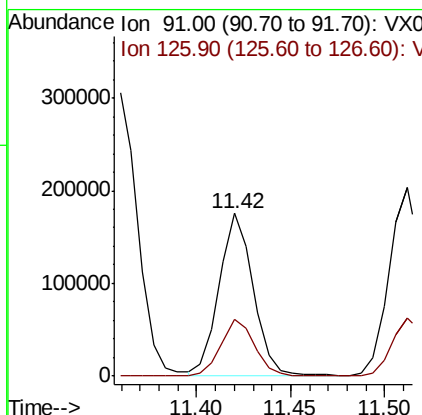
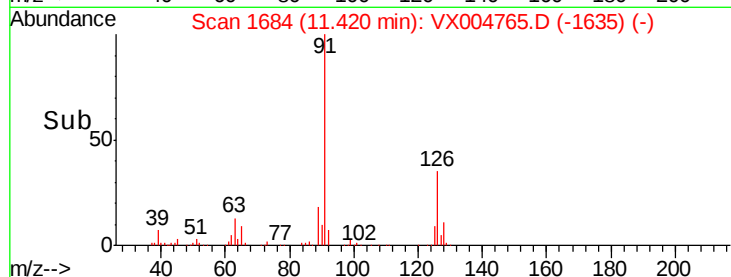
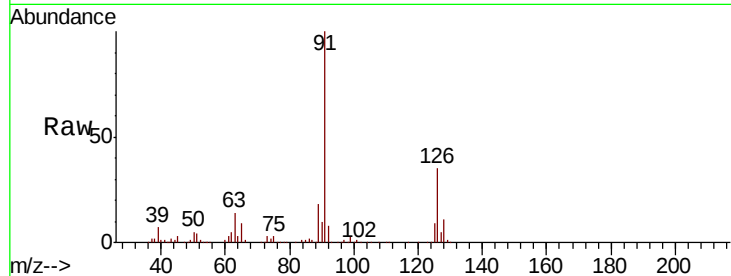




#79
 2-Chlorotoluene
 Concen: 20.757 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

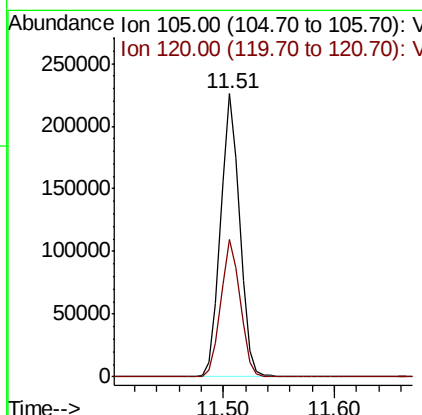
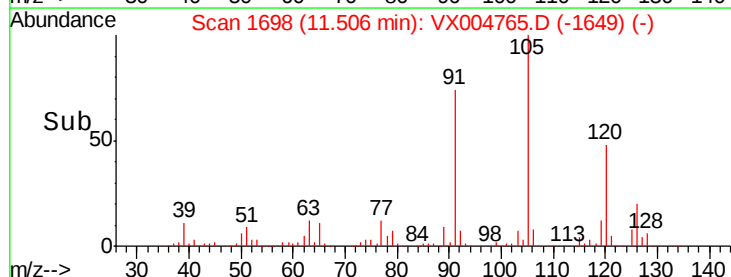
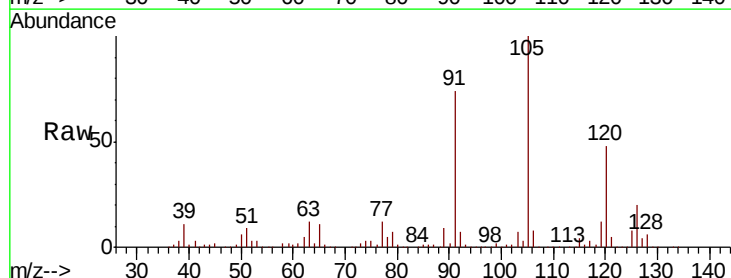
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

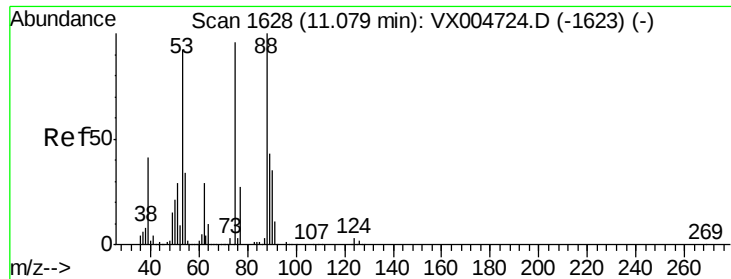
Tot Ion: 91 Resp: 218671
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.803 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion:105 Resp: 268977
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.916 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

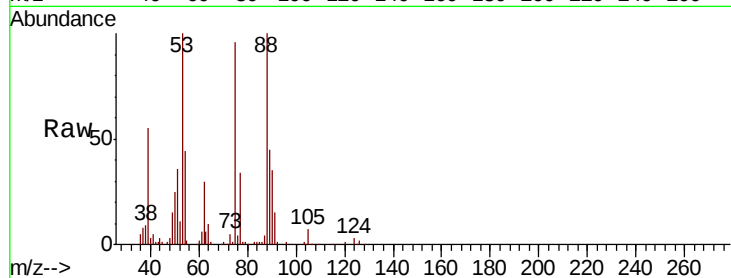
Tot Ion: 75 Resp: 29857

Ion Ratio Lower Upper

75 100

53 104.7 80.1 120.1

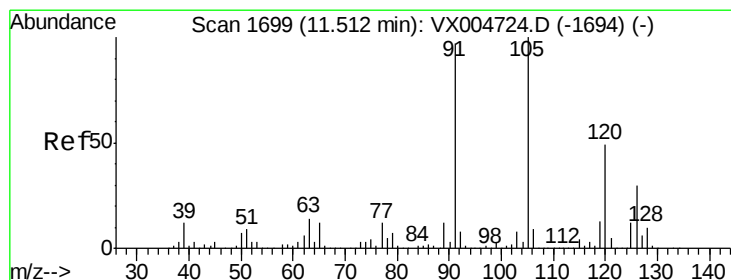
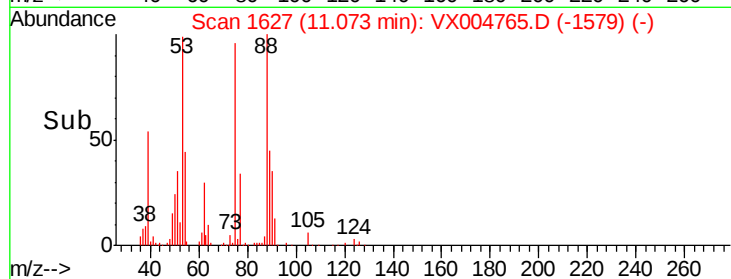
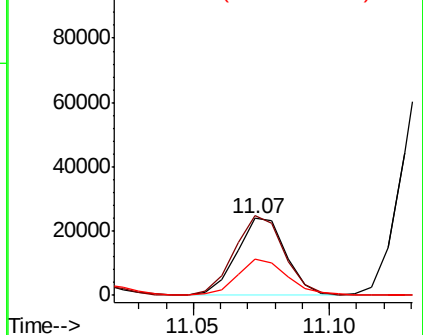
89 48.0 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.817 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004765.D

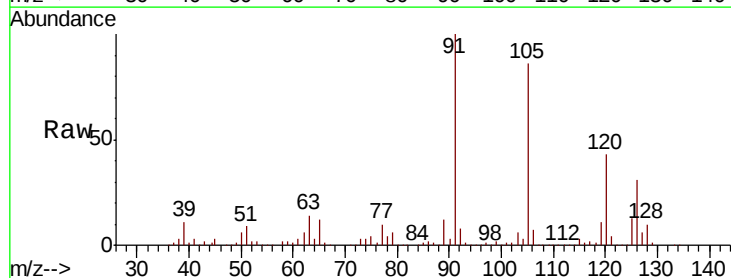
Acq: 27 Sep 2018 11:16

Tgt Ion: 91 Resp: 258139

Ion Ratio Lower Upper

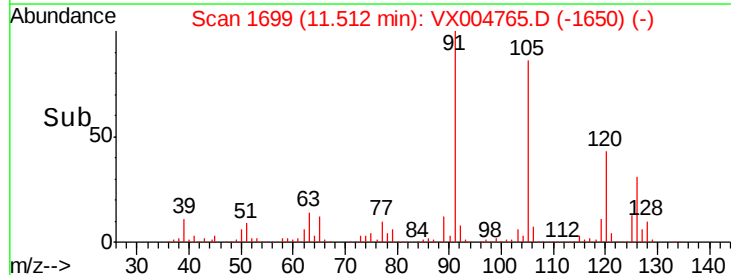
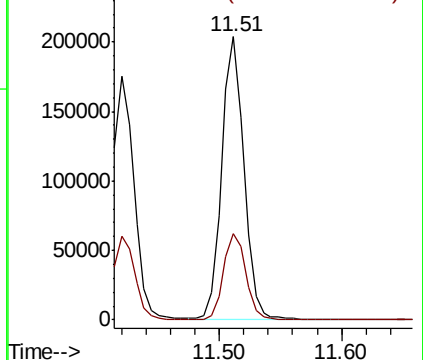
91 100

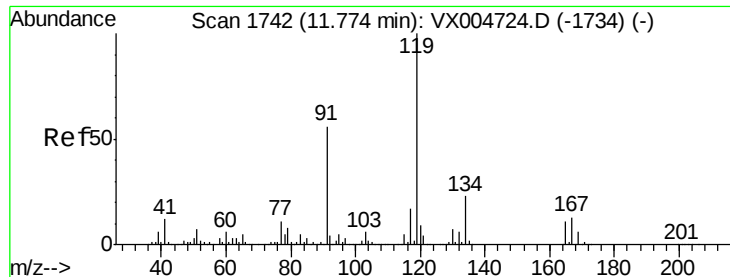
126 30.6 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

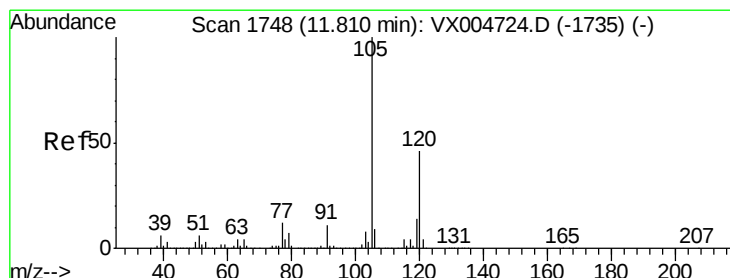
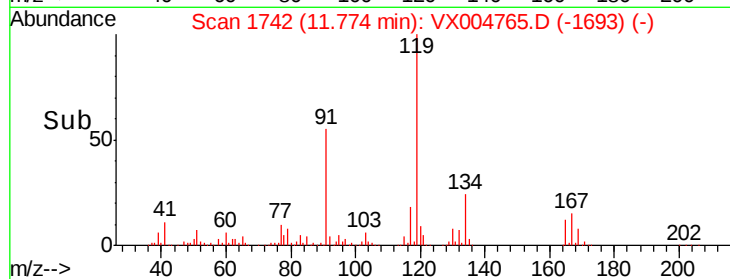
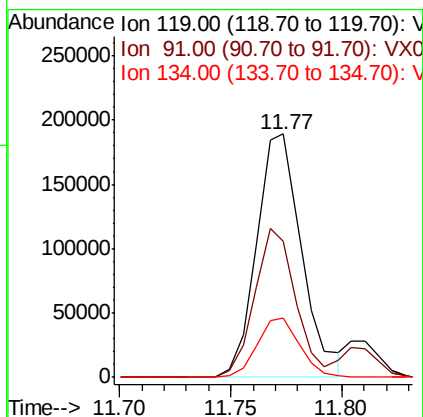
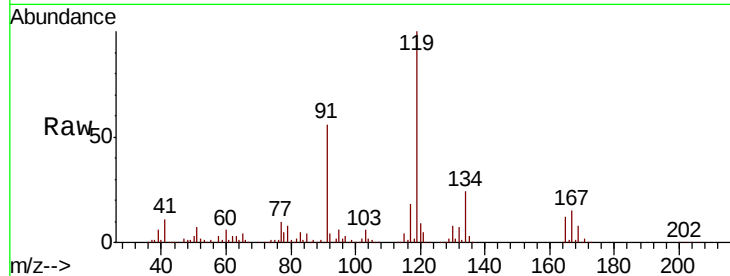




#83
 tert-Butylbenzene
 Concen: 21.945 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

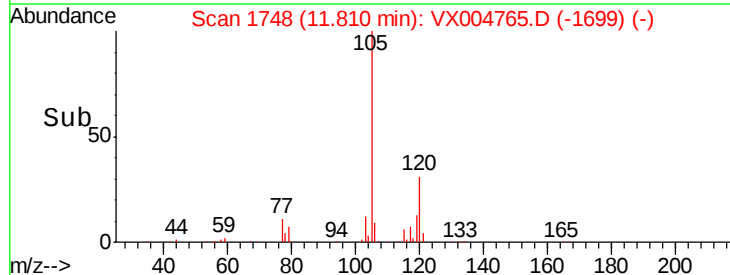
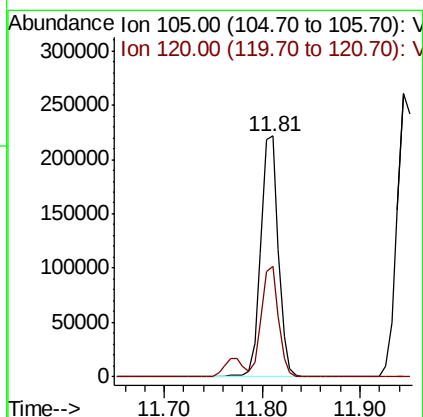
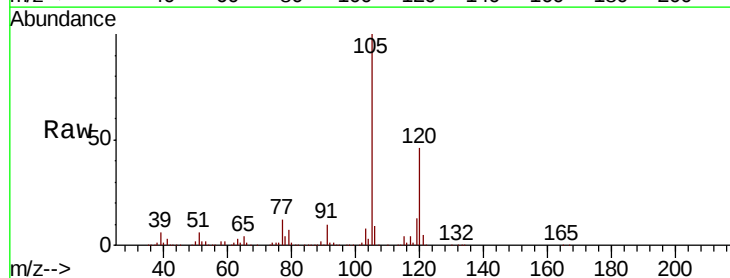
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

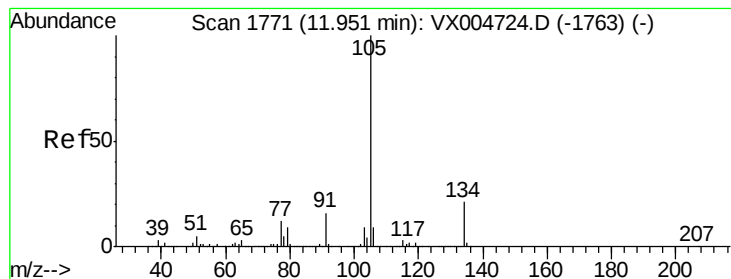
Tot Ion:119 Resp: 266148
 Ion Ratio Lower Upper
 119 100
 91 55.4 27.0 81.0
 134 23.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.848 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion:105 Resp: 278017
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.151 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

Instrument :

MSVOA_X

ClientSampleId :

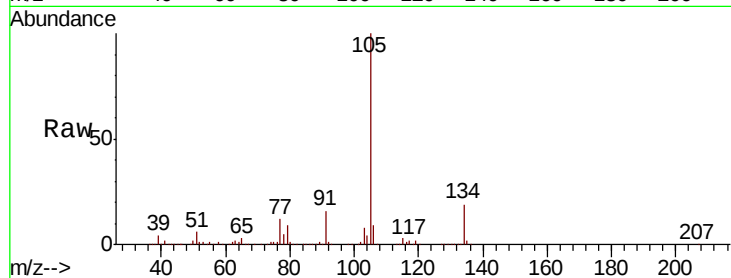
VX0927WBS01

Tot Ion:105 Resp: 327223

Ion Ratio Lower Upper

105 100

134 20.2 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

250000

200000

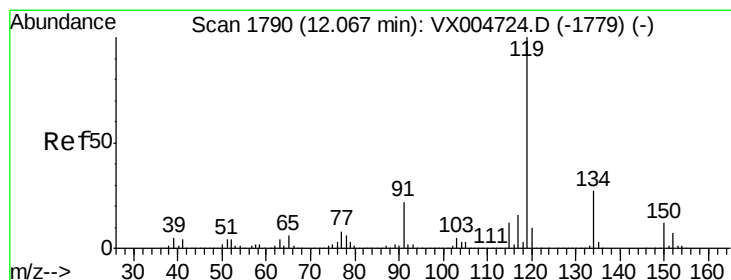
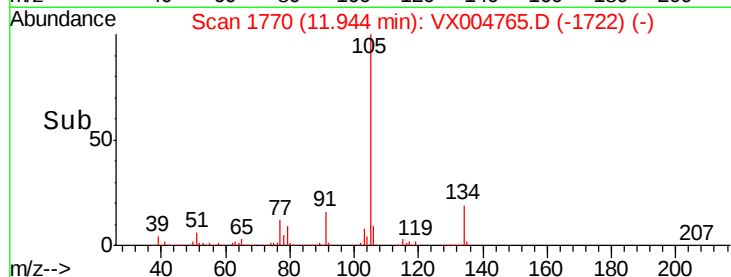
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.814 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004765.D

Acq: 27 Sep 2018 11:16

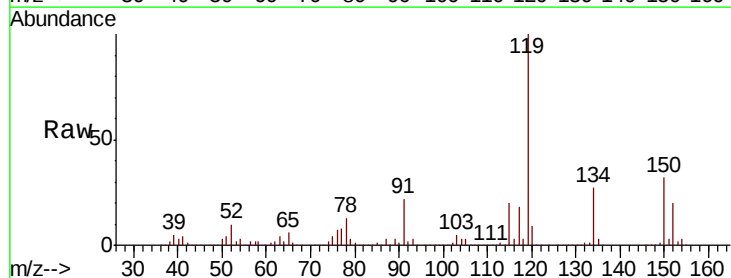
Tgt Ion:119 Resp: 291959

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 22.8 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

12.07

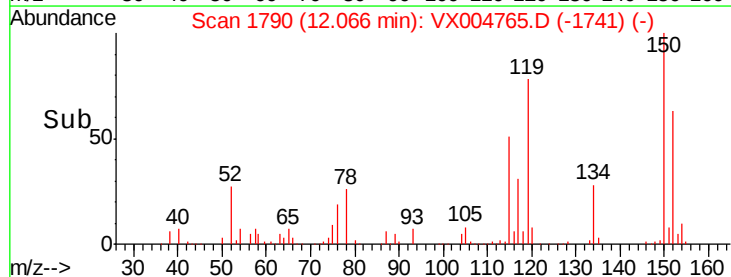
300000

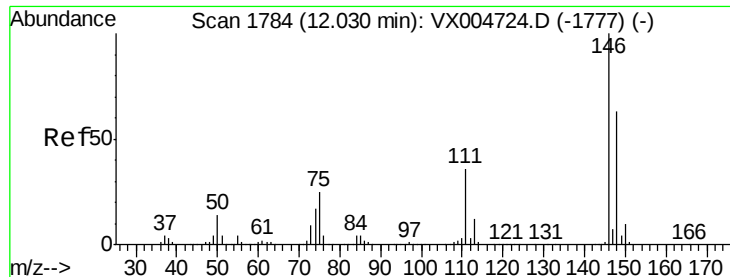
200000

100000

0

Time-->

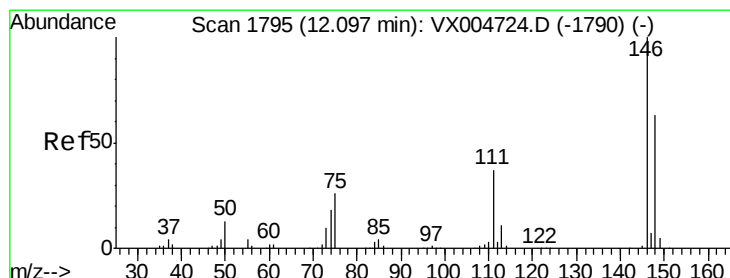
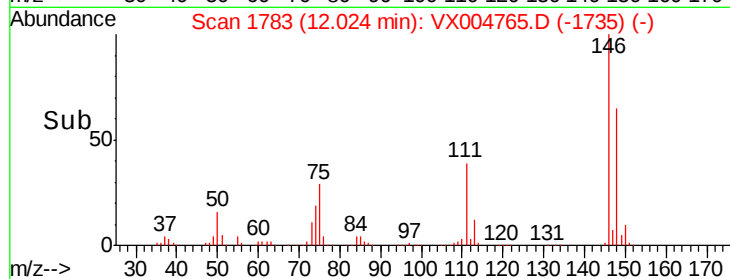
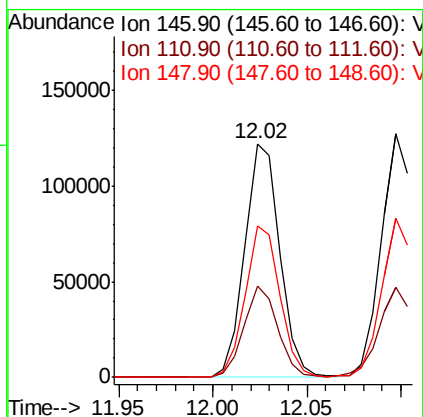
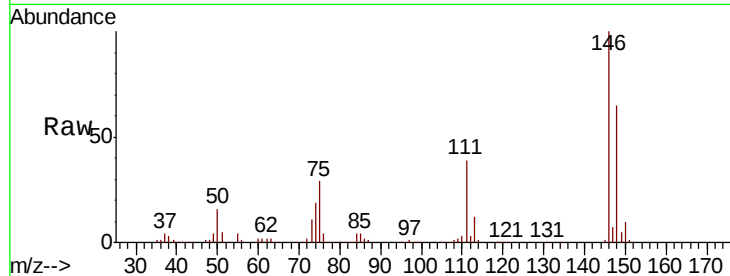




#87
 1,3-Dichlorobenzene
 Concen: 19.774 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

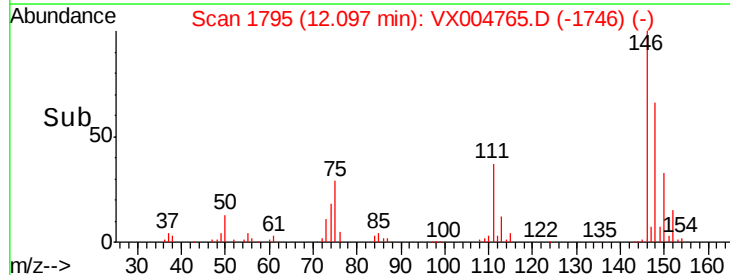
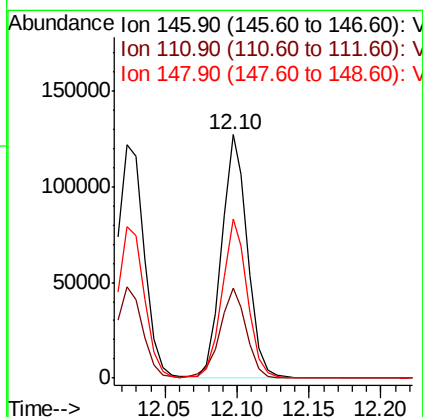
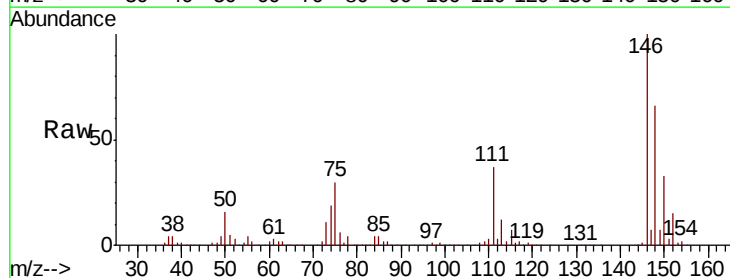
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

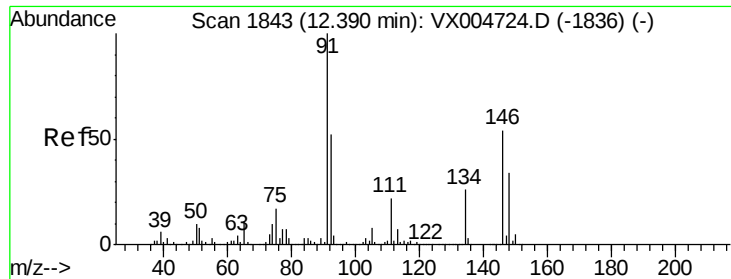
Tot Ion:146 Resp: 157986
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.7 56.1
 148 64.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.368 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion:146 Resp: 159735
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.1 54.1
 148 64.6 32.0 96.0

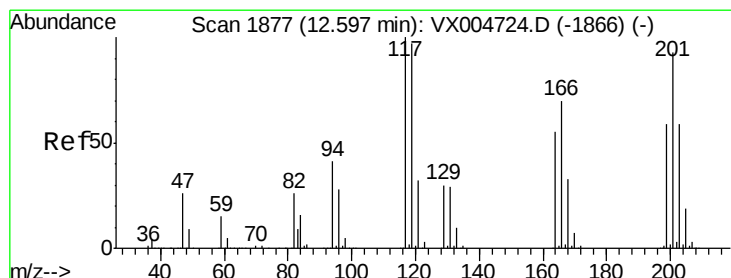
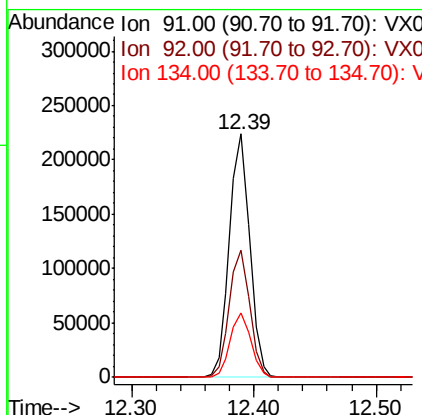
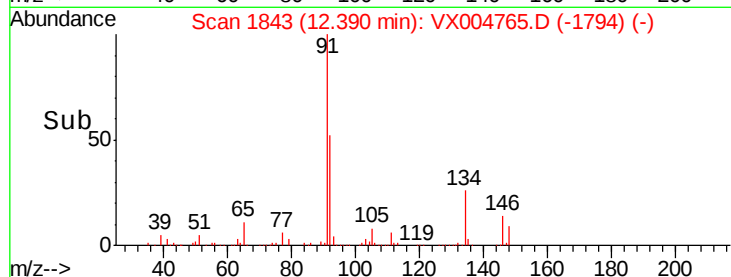
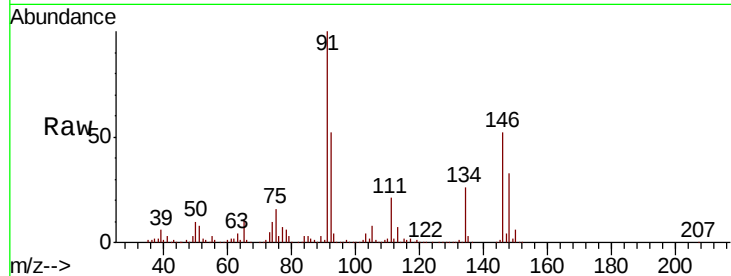




#89
n-Butylbenzene
Concen: 21.239 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

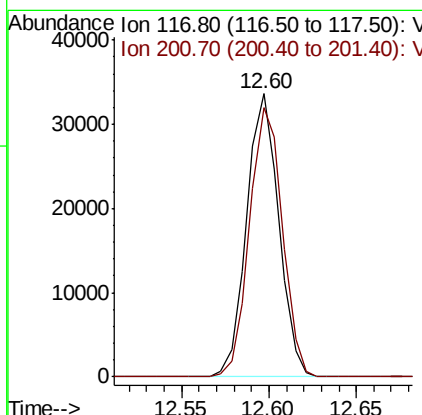
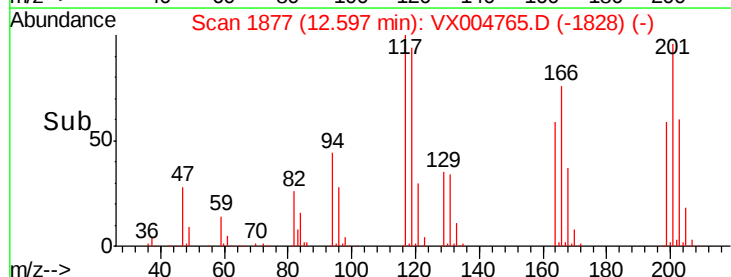
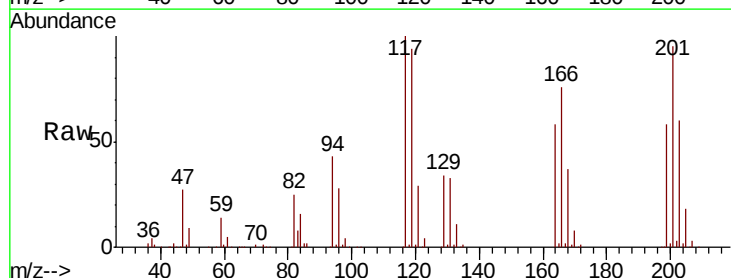
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

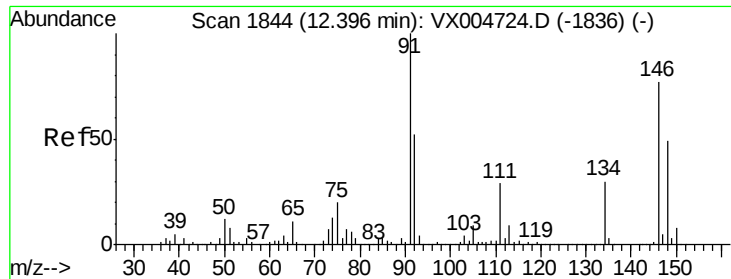
Tot Ion: 91 Resp: 258163
Ion Ratio Lower Upper
91 100
92 52.4 27.3 81.9
134 26.6 13.6 40.7



#90
Hexachloroethane
Concen: 19.277 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion: 117 Resp: 42957
Ion Ratio Lower Upper
117 100
201 97.2 46.9 140.6

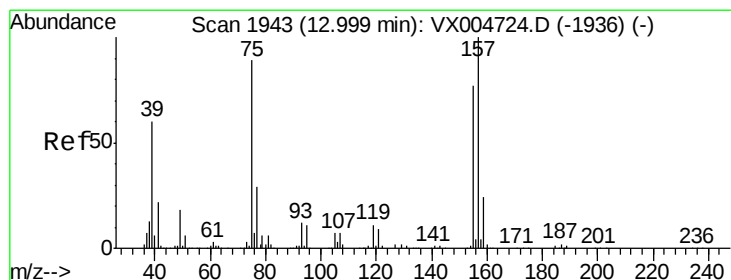
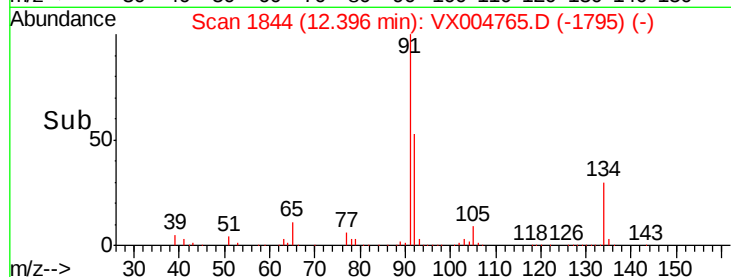
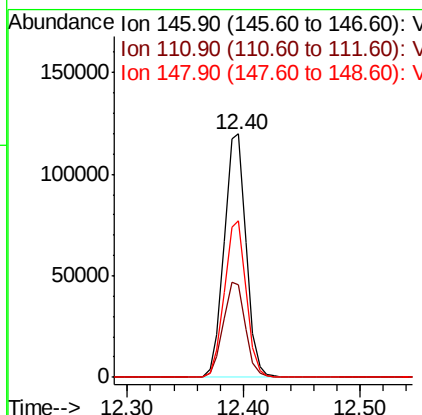
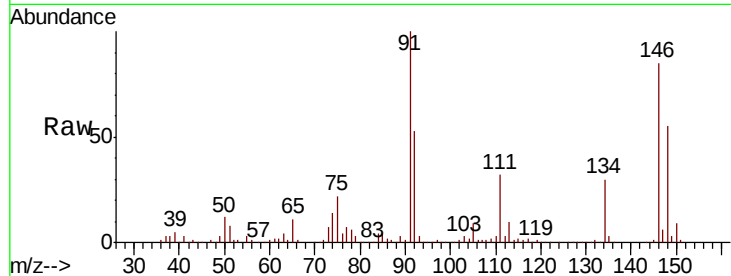




#91
 1,2-Dichlorobenzene
 Concen: 18.654 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

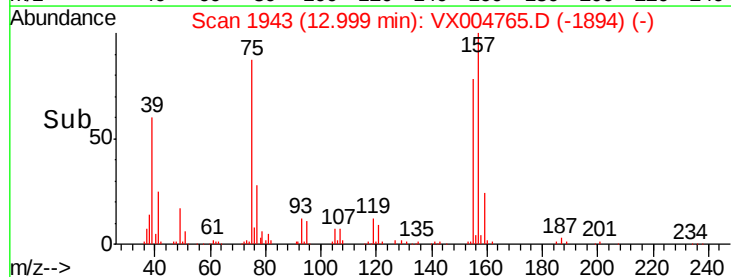
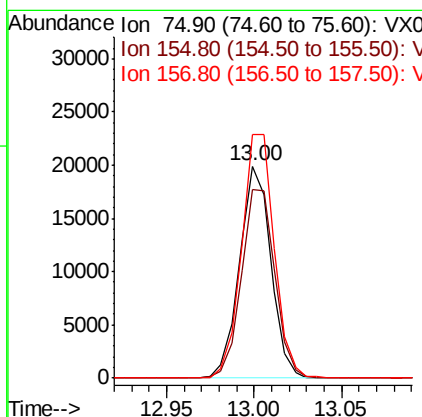
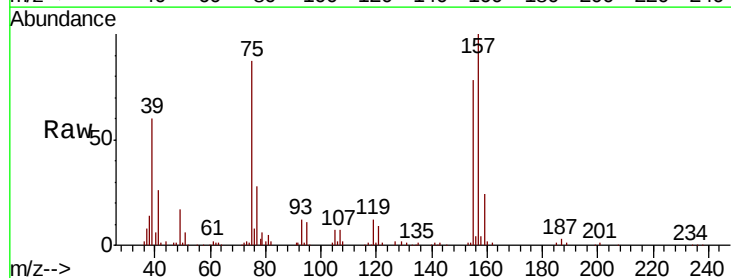
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

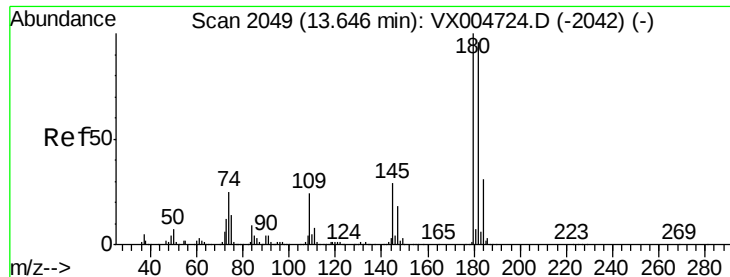
Tot Ion:146 Resp: 155746
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.4 58.1
 148 63.7 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.821 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion: 75 Resp: 24780
 Ion Ratio Lower Upper
 75 100
 155 94.7 48.0 144.2
 157 119.4 61.4 184.1

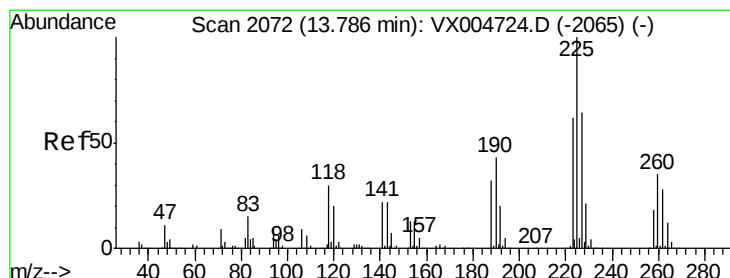
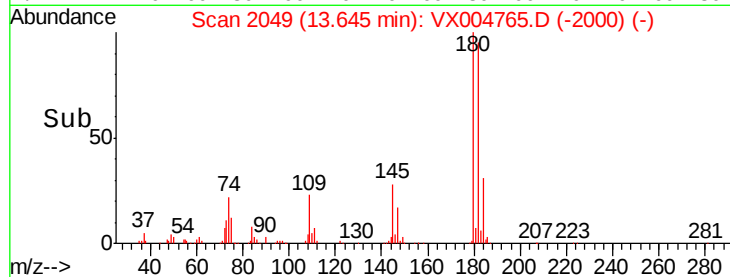
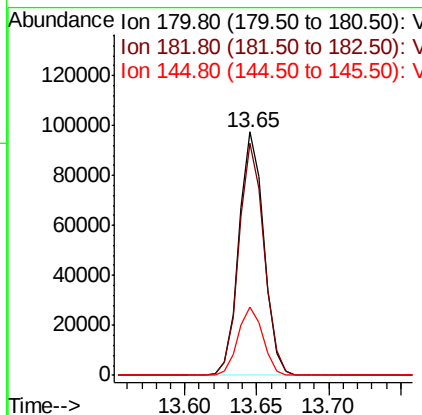
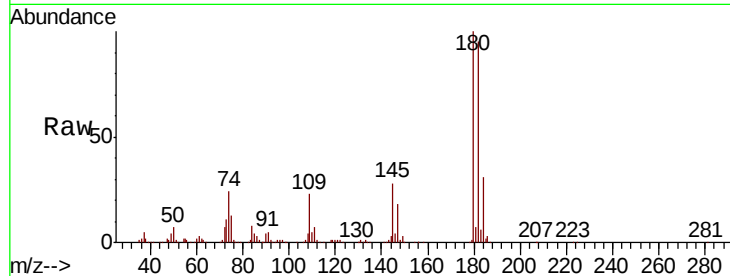




#93
 1,2,4-Trichlorobenzene
 Concen: 19.985 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

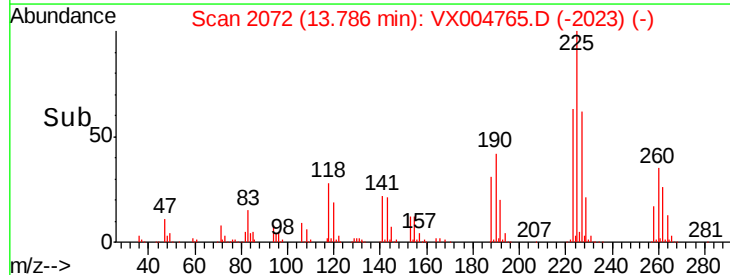
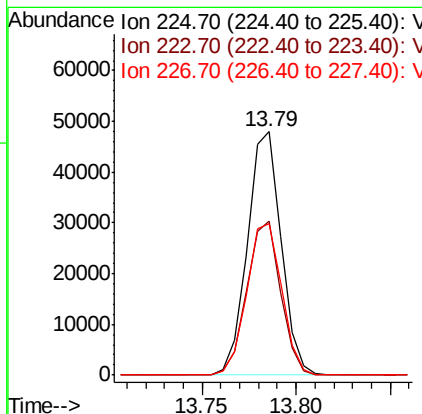
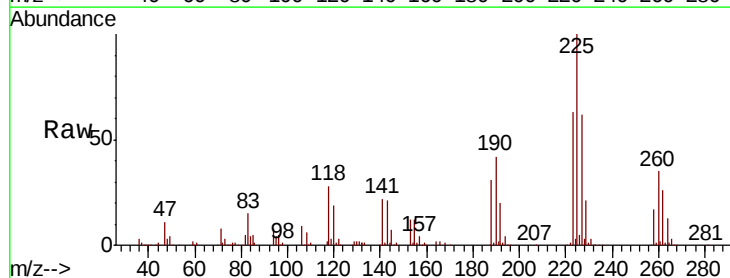
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

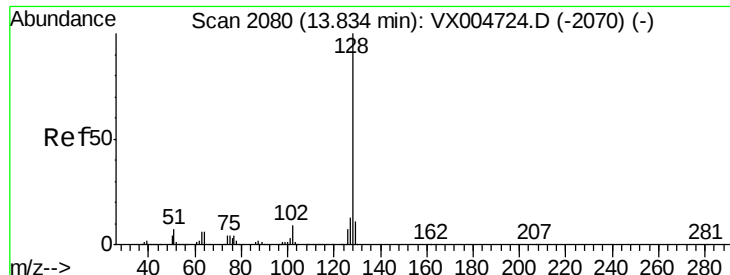
Tot Ion:180 Resp: 117047
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.4 145.0
 145 28.2 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 19.594 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004765.D
 Acq: 27 Sep 2018 11:16

Tgt Ion:225 Resp: 59508
 Ion Ratio Lower Upper
 225 100
 223 63.3 30.1 90.5
 227 64.4 30.8 92.4

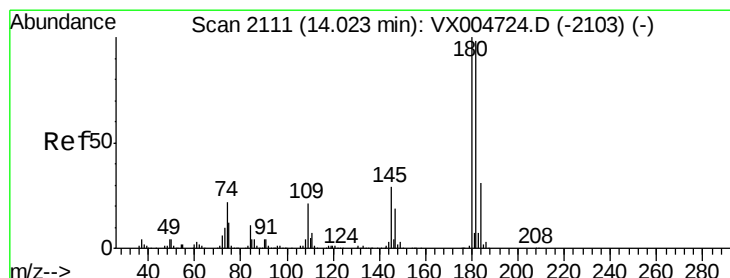
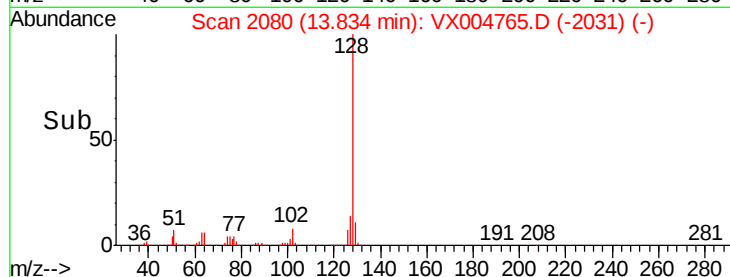
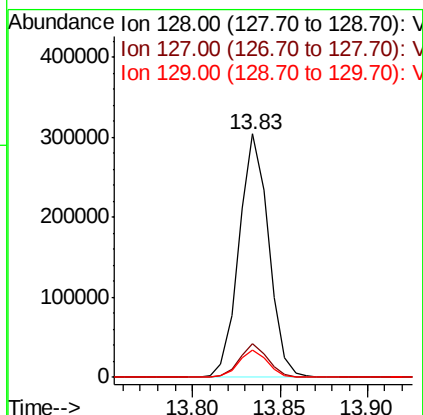
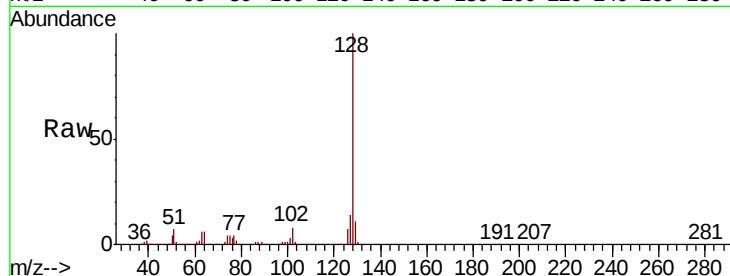




#95
Naphthalene
Concen: 18.832 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tot Ion:128 Resp: 357239
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.730 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX004765.D
Acq: 27 Sep 2018 11:16

Tgt Ion:180 Resp: 119369
Ion Ratio Lower Upper
180 100
182 95.6 48.5 145.6
145 30.4 14.9 44.9

