

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
 Data File : VX004425.D
 Acq On : 08 Sep 2018 00:05
 Operator : JC/MD
 Sample : VX0907WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD02

Quant Time: Sep 08 04:57:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	322839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	480535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	433400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	277949	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	203205	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	5.50	113	178984	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	8.71	98	660392	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
62) 4-Bromofluorobenzene	11.14	95	251365	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	58481	15.64	ug/l	99
3) Chloromethane	1.32	50	70199	17.18	ug/l	100
4) Vinyl Chloride	1.40	62	78811	18.63	ug/l	100
5) Bromomethane	1.64	94	39781	17.77	ug/l	100
6) Chloroethane	1.72	64	55643	17.84	ug/l	97
7) Trichlorofluoromethane	1.93	101	112736	19.45	ug/l	96
8) Diethyl Ether	2.18	74	51626	20.80	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	70967	19.55	ug/l	100
10) Methyl Iodide	2.51	142	64774	18.73	ug/l	98
11) Tert butyl alcohol	3.07	59	106891	119.17	ug/l	99
12) 1,1-Dichloroethene	2.37	96	66679	19.50	ug/l	96
13) Acrolein	2.29	56	19411	89.77	ug/l	95
14) Allyl chloride	2.73	41	129409	20.59	ug/l	95
15) Acrylonitrile	3.15	53	246260	110.86	ug/l	99
16) Acetone	2.45	43	198958	111.35	ug/l	98
17) Carbon Disulfide	2.57	76	161253	17.50	ug/l	100
18) Methyl Acetate	2.78	43	179162	28.69	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	241674	21.44	ug/l	97
20) Methylene Chloride	2.85	84	81328	20.08	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	72294	19.10	ug/l	98
22) Diisopropyl ether	3.87	45	250249	21.33	ug/l	96
23) Vinyl Acetate	3.82	43	910057	95.70	ug/l	100
24) 1,1-Dichloroethane	3.69	63	141520	20.70	ug/l	99
25) 2-Butanone	4.70	43	309750	108.25	ug/l	99
26) 2,2-Dichloropropane	4.58	77	75901	14.15	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	84505	19.68	ug/l	97
28) Bromochloromethane	5.01	49	65970	21.79	ug/l	98
29) Tetrahydrofuran	5.16	42	196124	108.48	ug/l	100
30) Chloroform	5.21	83	141129	20.59	ug/l	99
31) Cyclohexane	5.57	56	110993	18.81	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	115261	20.16	ug/l	100
36) 1,1-Dichloropropene	5.80	75	100114	18.53	ug/l	99
37) Ethyl Acetate	4.86	43	107963	20.32	ug/l	99
38) Carbon Tetrachloride	5.78	117	96649	19.02	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0907WBSD02

Quant Time: Sep 08 04:57:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	111548	18.09	ug/l	98
40) Benzene	6.14	78	318682	19.74	ug/l	100
41) Methacrylonitrile	5.06	41	65490	21.27	ug/l	99
42) 1,2-Dichloroethane	6.20	62	107882	19.59	ug/l	99
43) Isopropyl Acetate	6.46	43	167251	20.49	ug/l	100
44) Trichloroethene	7.21	130	86148	19.28	ug/l	96
45) 1,2-Dichloropropane	7.52	63	84055	20.80	ug/l	100
46) Dibromomethane	7.66	93	52280	19.43	ug/l	97
47) Bromodichloromethane	7.90	83	101169	20.21	ug/l	98
48) Methyl methacrylate	7.77	41	88312	20.22	ug/l	98
49) 1,4-Dioxane	7.76	88	45315	456.88	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	597503	100.73	ug/l	100
52) Toluene	8.79	92	203209	20.11	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	105268	19.04	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	116725	19.38	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	85195	20.89	ug/l	98
56) Ethyl methacrylate	9.18	69	114810	20.68	ug/l	99
57) 1,3-Dichloropropane	9.37	76	142356	20.70	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	302435	106.30	ug/l	99
59) 2-Hexanone	9.50	43	452147	99.91	ug/l	99
60) Dibromochloromethane	9.59	129	80312	20.21	ug/l	100
61) 1,2-Dibromoethane	9.67	107	85455	20.24	ug/l	99
64) Tetrachloroethene	9.34	164	94717	22.12	ug/l	99
65) Chlorobenzene	10.14	112	217554	20.00	ug/l	89
66) 1,1,1,2-Tetrachloroethane	10.22	131	81044	21.60	ug/l	97
67) Ethyl Benzene	10.25	91	365432	20.69	ug/l	96
68) m/p-Xylenes	10.36	106	277805	40.22	ug/l	96
69) o-Xylene	10.70	106	136806	20.94	ug/l	99
70) Styrene	10.71	104	225445	21.31	ug/l	98
71) Bromoform	10.86	173	60875	20.13	ug/l #	99
73) Isopropylbenzene	11.02	105	386548	21.17	ug/l	100
74) N-amyl acetate	10.90	43	140513	19.99	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	128219	20.07	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	138318	24.47	ug/l	88
77) Bromobenzene	11.26	156	103217	20.16	ug/l	97
78) n-propylbenzene	11.36	91	435867	20.76	ug/l	100
79) 2-Chlorotoluene	11.42	91	264075	20.43	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	317441	21.00	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	30296	17.39	ug/l	98
82) 4-Chlorotoluene	11.51	91	306890	20.18	ug/l	100
83) tert-Butylbenzene	11.77	119	311760	20.50	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	326497	21.04	ug/l	99
85) sec-Butylbenzene	11.94	105	384166	21.27	ug/l	100
86) p-Isopropyltoluene	12.07	119	341988	21.13	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	191876	19.90	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	193649	19.05	ug/l	98
89) n-Butylbenzene	12.39	91	282391	21.46	ug/l	100
90) Hexachloroethane	12.60	117	48146	21.28	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	185082	21.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21804	19.38	ug/l	92

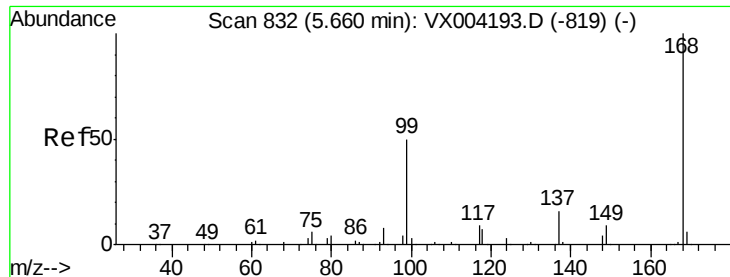
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
Data File : VX004425.D
Acq On : 08 Sep 2018 00:05
Operator : JC/MD
Sample : VX0907WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Quant Time: Sep 08 04:57:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	129799	20.24	ug/l	98
94) Hexachlorobutadiene	13.79	225	65722	21.96	ug/l	96
95) Naphthalene	13.83	128	399192	22.01	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	141896	20.91	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

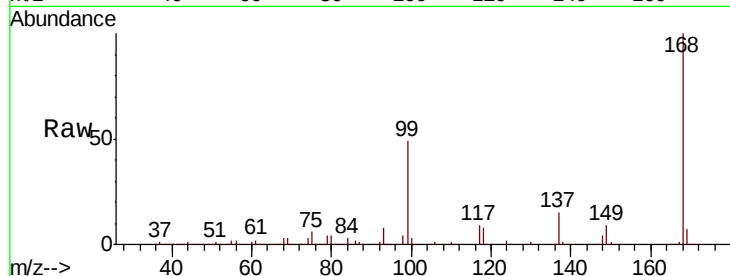
VX0907WBSD02

Tot Ion:168 Resp: 322839

Ion Ratio Lower Upper

168 100

99 49.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

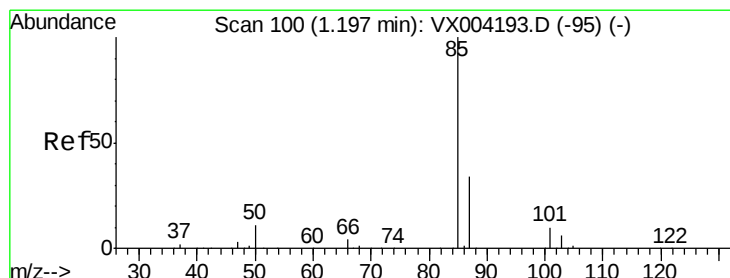
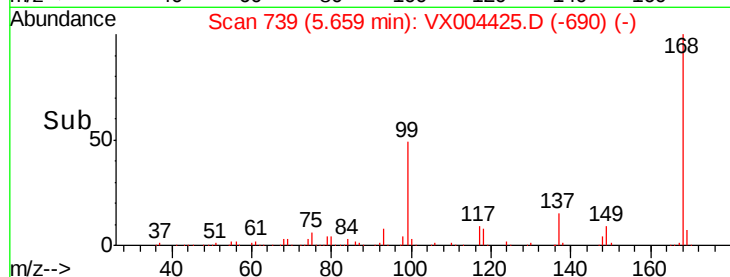
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 15.64 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004425.D

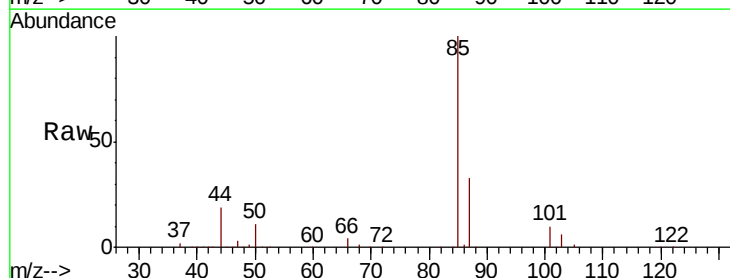
Acq: 08 Sep 2018 00:05

Tgt Ion: 85 Resp: 58481

Ion Ratio Lower Upper

85 100

87 33.4 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

60000

50000

40000

30000

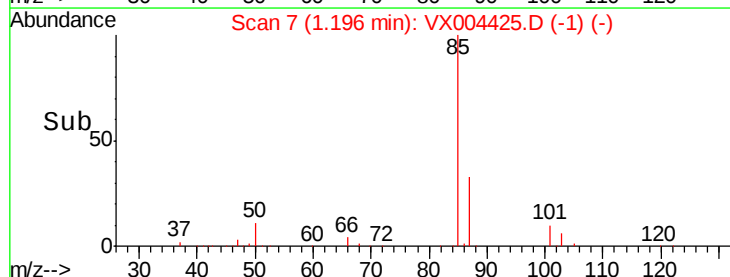
20000

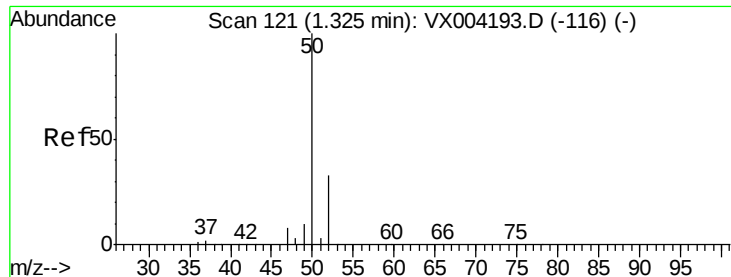
10000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 17.18 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

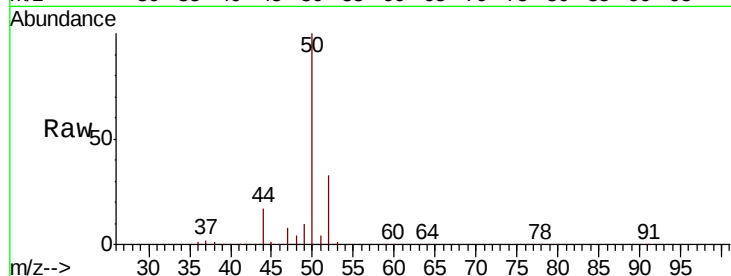
VX0907WBSD02

Tot Ion: 50 Resp: 70199

Ion Ratio Lower Upper

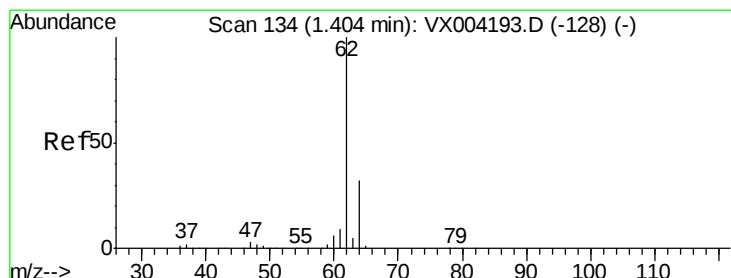
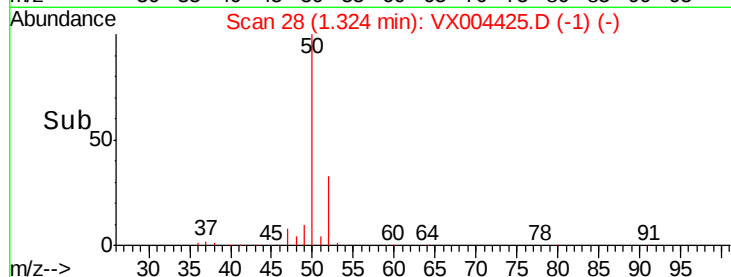
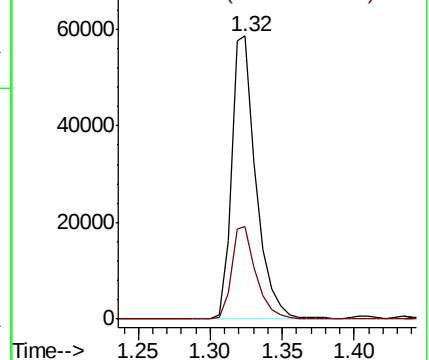
50 100

52 32.6 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: 18.63 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004425.D

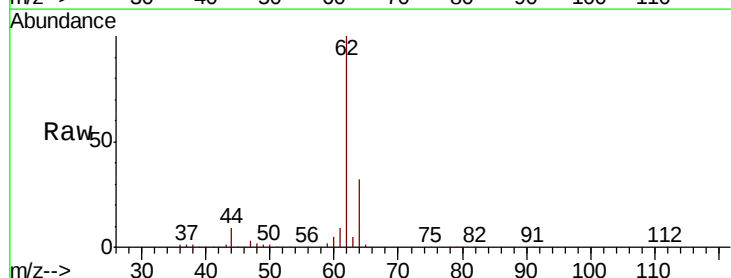
Acq: 08 Sep 2018 00:05

Tgt Ion: 62 Resp: 78811

Ion Ratio Lower Upper

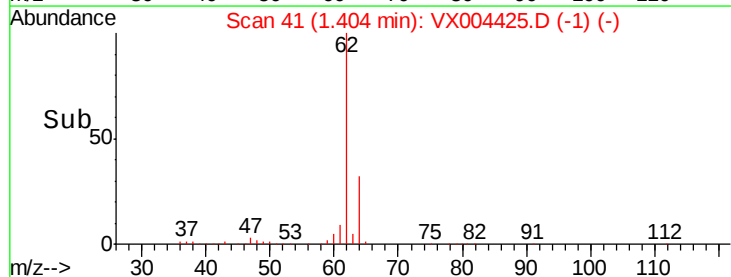
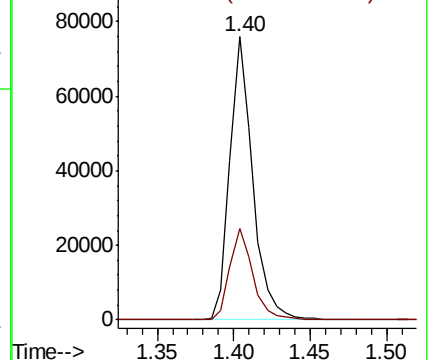
62 100

64 32.4 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: 17.77 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

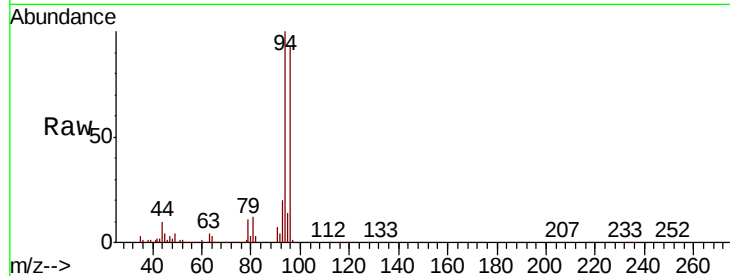
VX0907WBSD02

Tot Ion: 94 Resp: 39781

Ion Ratio Lower Upper

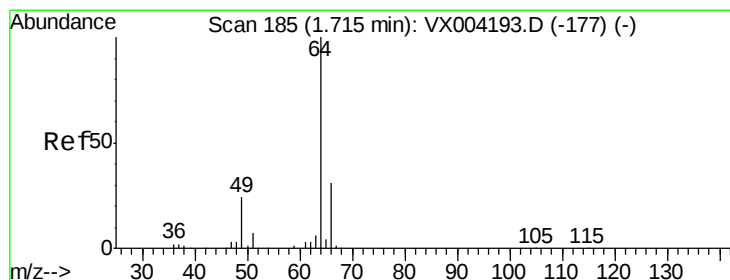
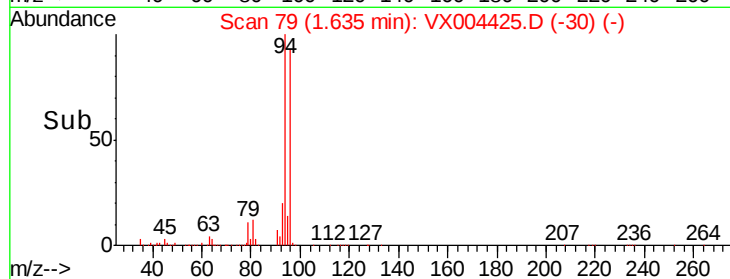
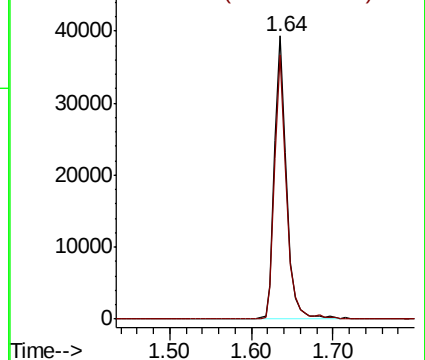
94 100

96 93.4 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.84 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004425.D

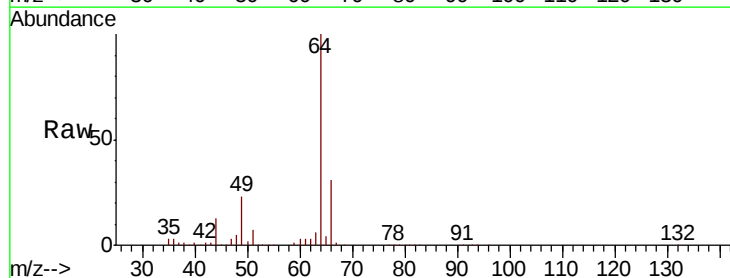
Acq: 08 Sep 2018 00:05

Tgt Ion: 64 Resp: 55643

Ion Ratio Lower Upper

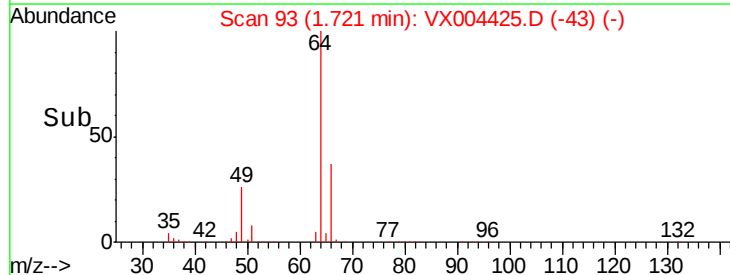
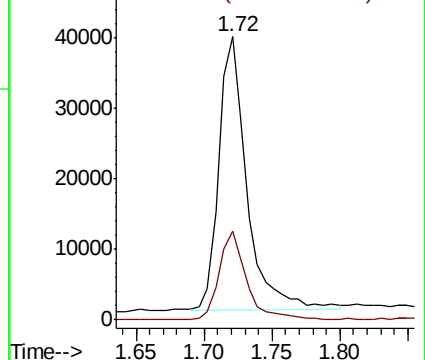
64 100

66 32.2 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: 19.45 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.01 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

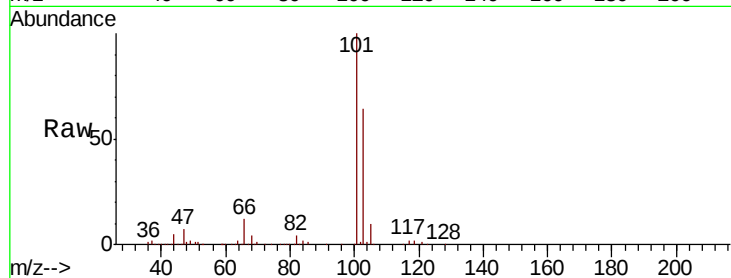
VX0907WBSD02

Tot Ion:101 Resp: 112736

Ion Ratio Lower Upper

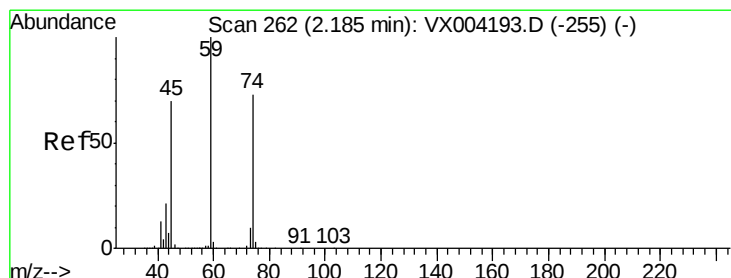
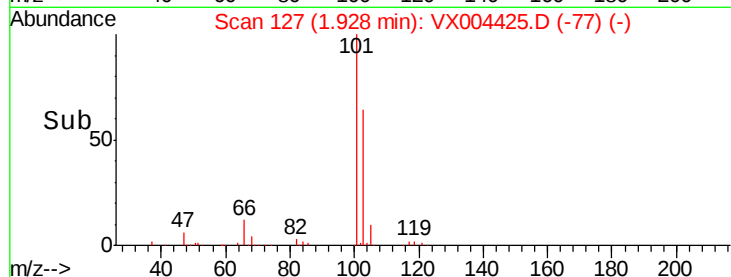
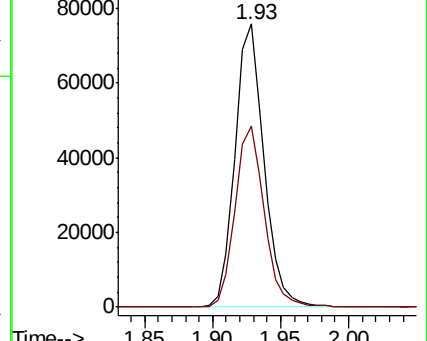
101 100

103 63.8 48.9 73.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.80 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.00 min

Lab File: VX004425.D

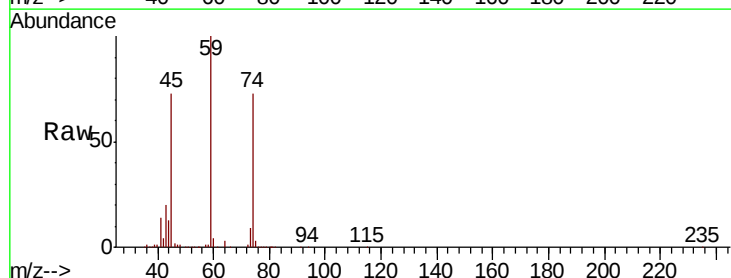
Acq: 08 Sep 2018 00:05

Tgt Ion: 74 Resp: 51626

Ion Ratio Lower Upper

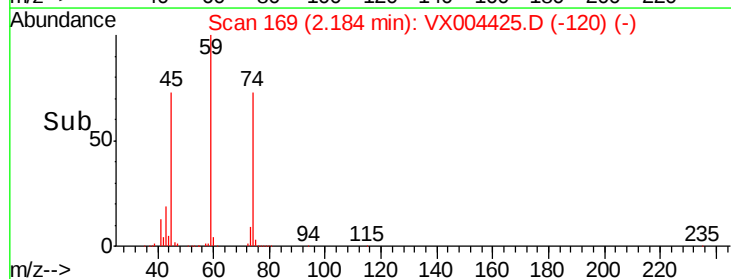
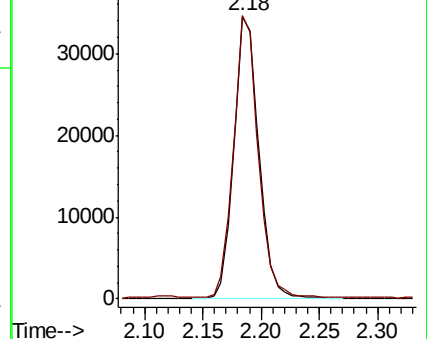
74 100

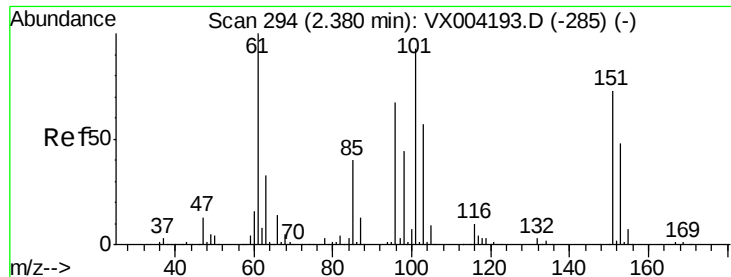
45 98.7 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.55 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD02

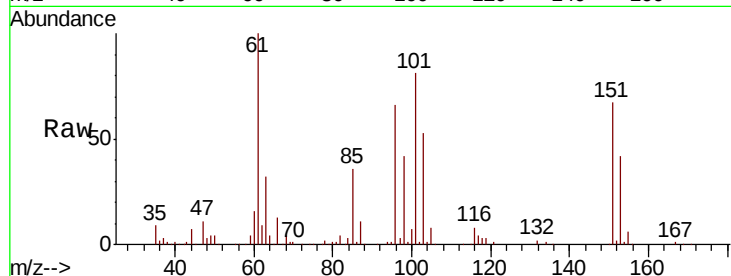
Tot Ion:101 Resp: 70967

Ion Ratio Lower Upper

101 100

85 42.1 34.2 51.4

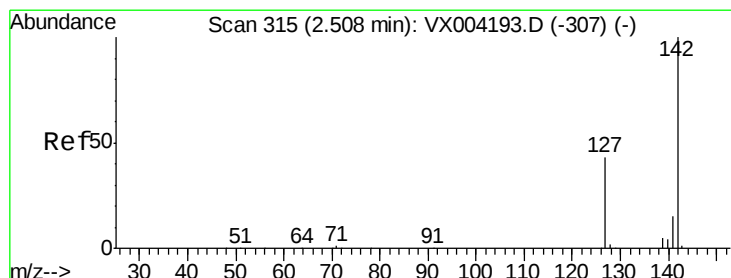
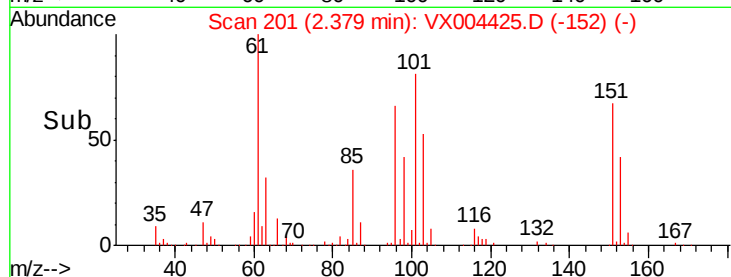
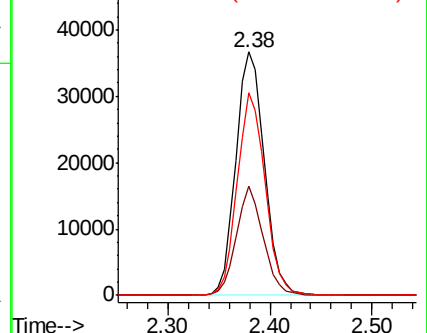
151 81.4 65.0 97.6



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: 18.73 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

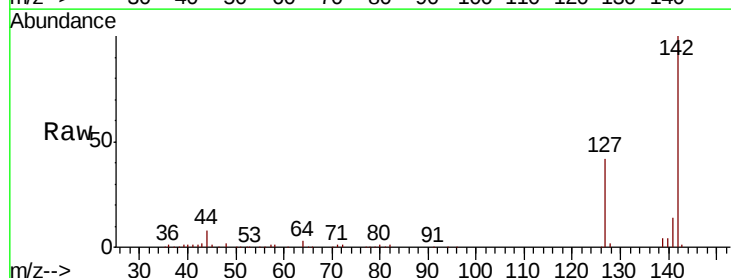
Tgt Ion:142 Resp: 64774

Ion Ratio Lower Upper

142 100

127 40.8 33.8 50.6

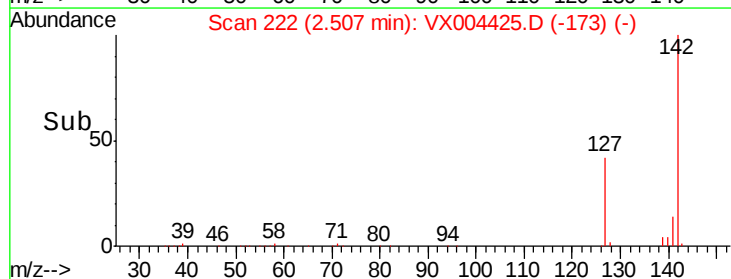
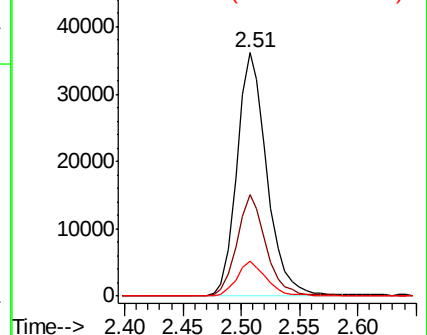
141 14.0 11.4 17.0

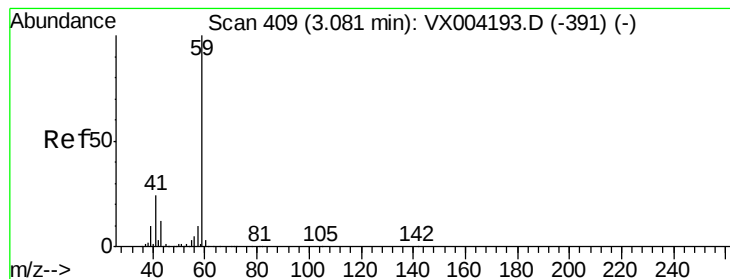


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



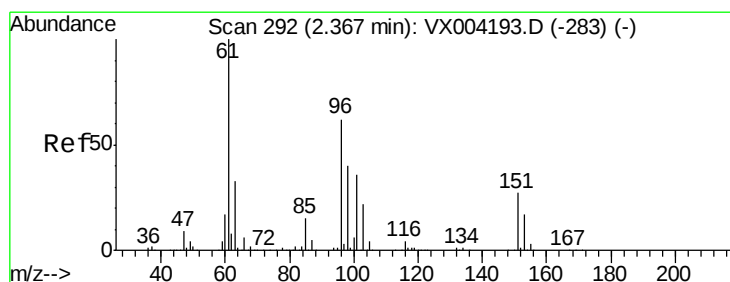
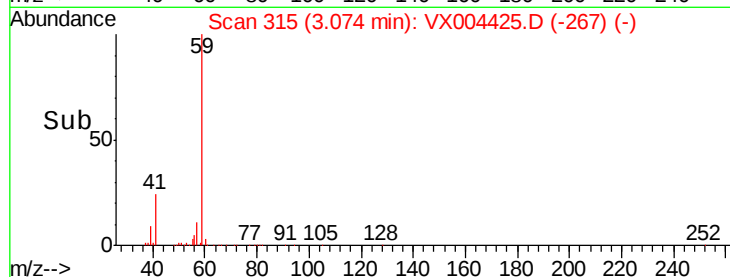
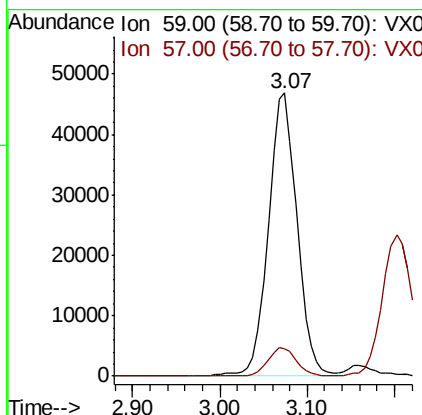
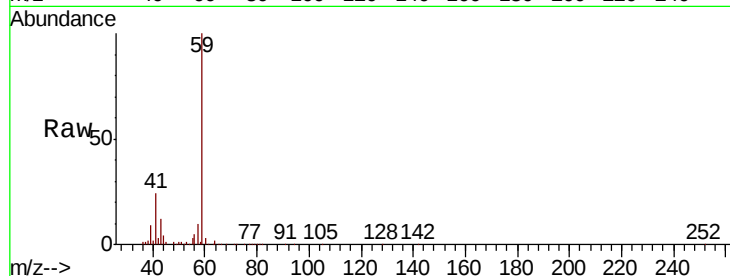


#11

Tert butyl alcohol
 Concen: 119.17 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0907WBSD02

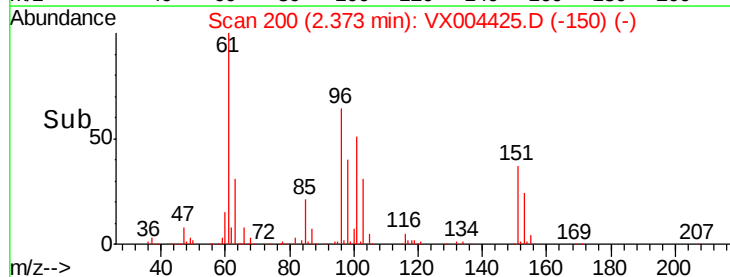
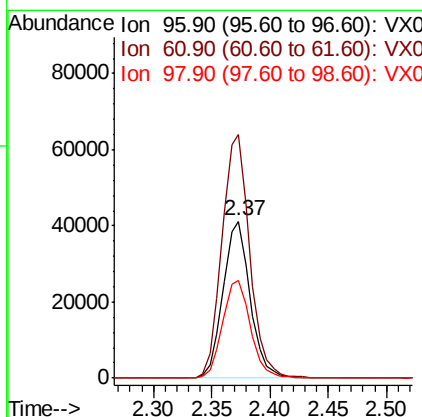
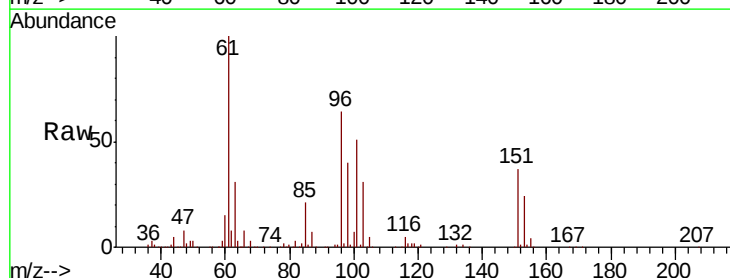
Tot Ion: 59 Resp: 106891
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

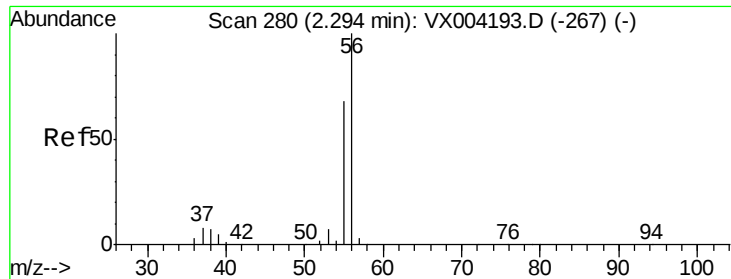


#12

1,1-Dichloroethene
 Concen: 19.50 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Tgt Ion: 96 Resp: 66679
 Ion Ratio Lower Upper
 96 100
 61 155.0 128.8 193.2
 98 62.1 52.2 78.2





#13

Acrolein

Concen: 89.77 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

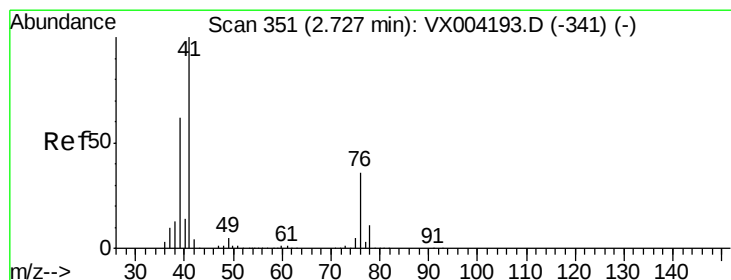
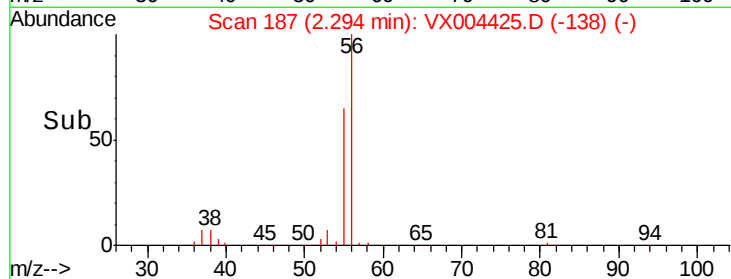
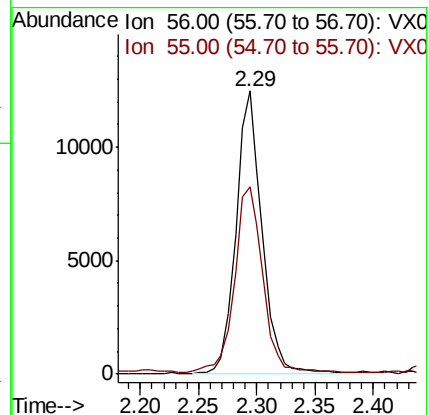
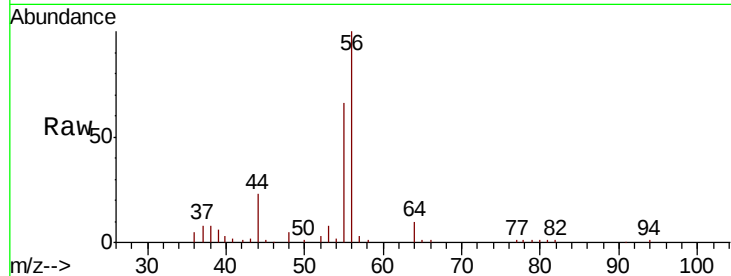
VX0907WBSD02

Tot Ion: 56 Resp: 19411

Ion Ratio Lower Upper

56 100

55 72.7 54.7 82.1



#14

Allyl chloride

Concen: 20.59 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

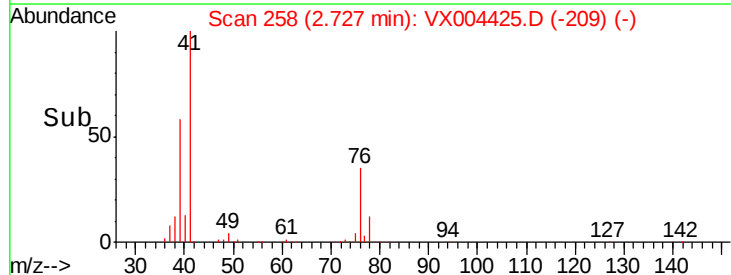
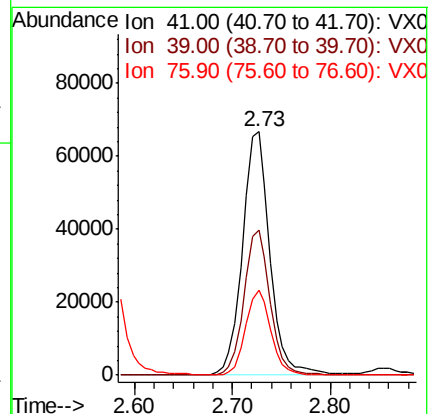
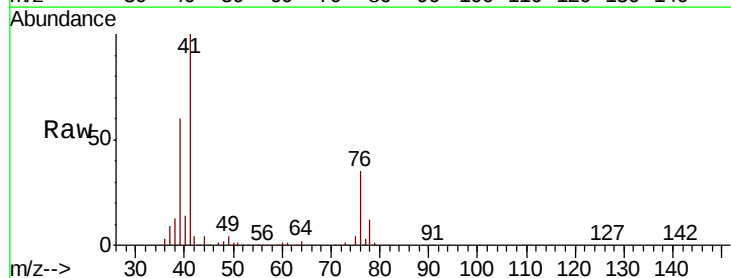
Tgt Ion: 41 Resp: 129409

Ion Ratio Lower Upper

41 100

39 55.9 48.9 73.3

76 32.2 26.7 40.1





#15

Acrylonitrile

Concen: 110.86 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD02

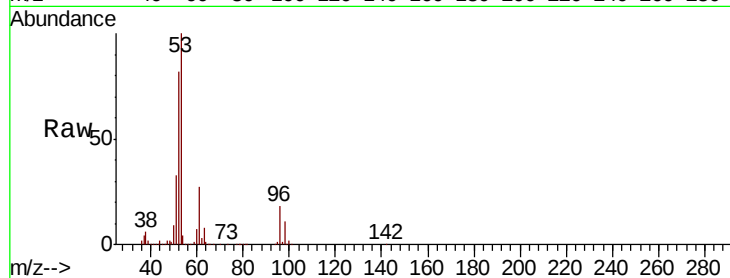
Tot Ion: 53 Resp: 246260

Ion Ratio Lower Upper

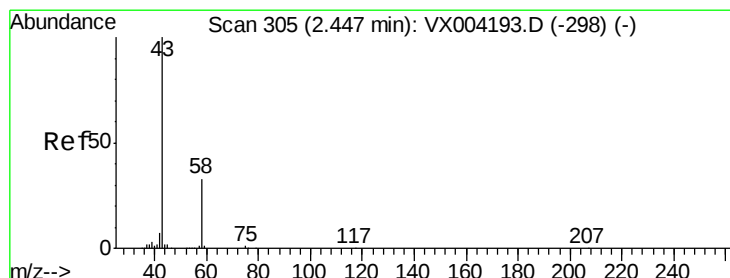
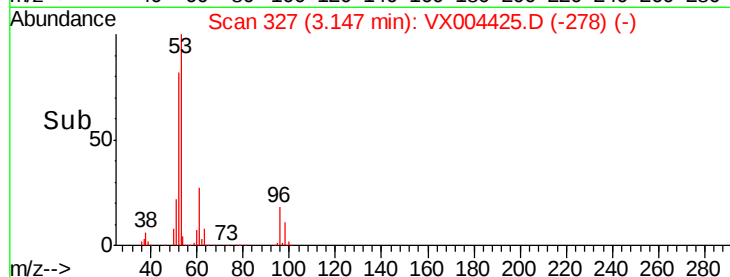
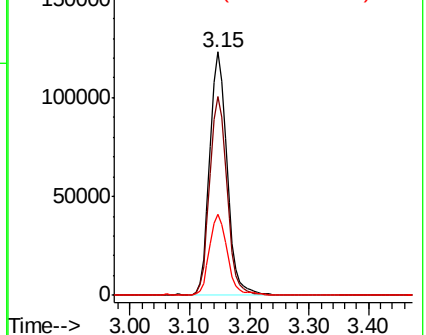
53 100

52 81.5 65.2 97.8

51 34.2 28.2 42.2



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



#16

Acetone

Concen: 111.35 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004425.D

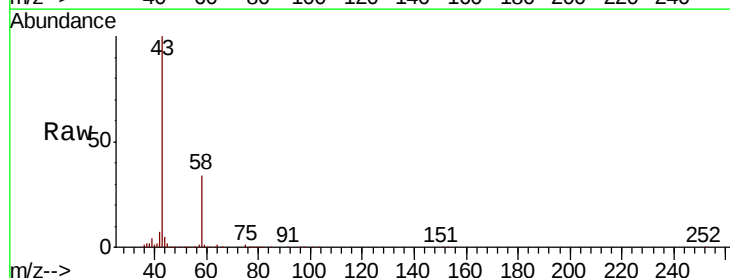
Acq: 08 Sep 2018 00:05

Tgt Ion: 43 Resp: 198958

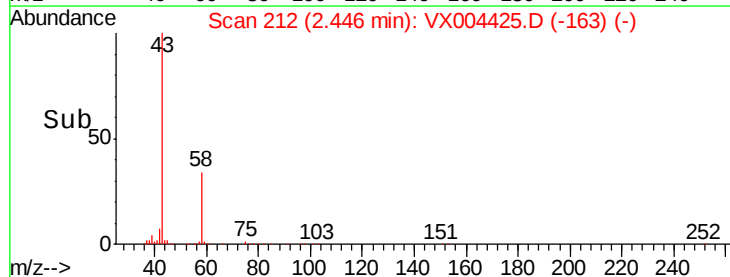
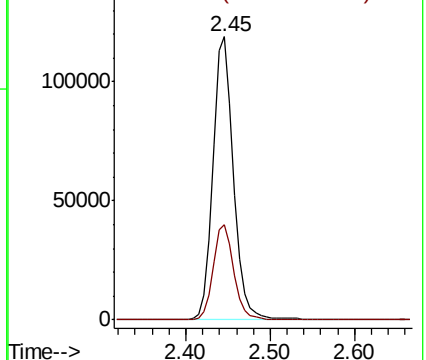
Ion Ratio Lower Upper

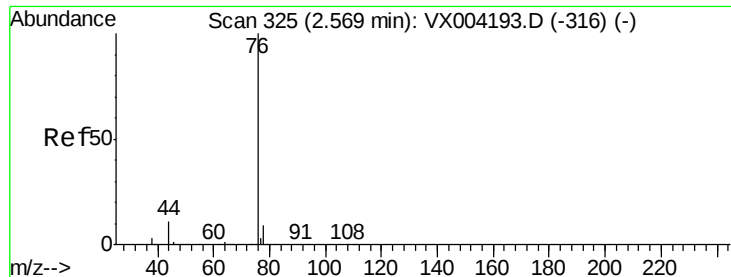
43 100

58 33.8 26.2 39.4



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

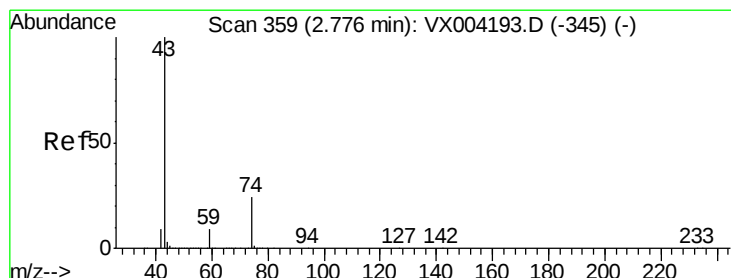
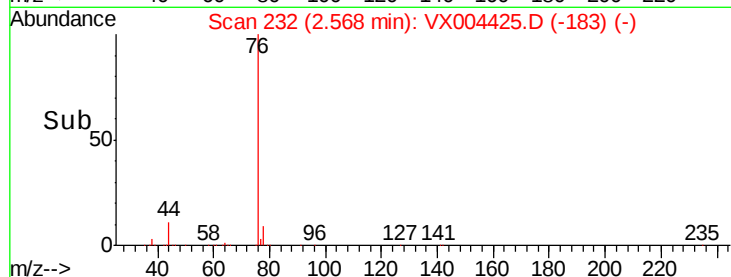
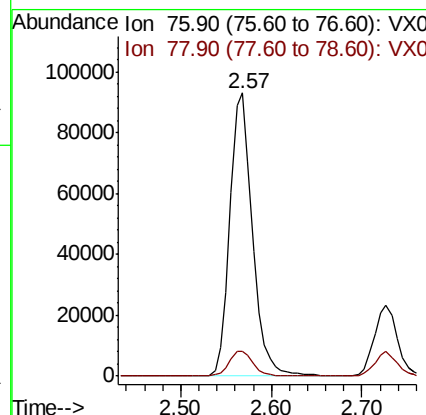
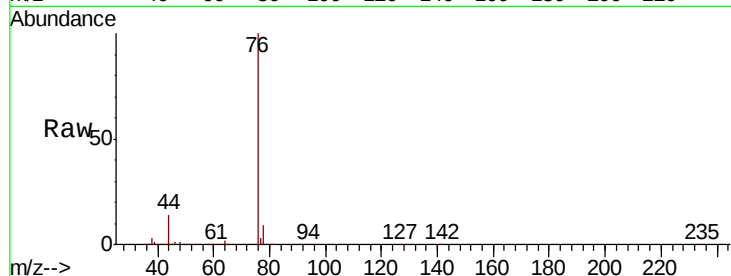




#17
 Carbon Disulfide
 Concen: 17.50 ug/l
 RT: 2.57 min Scan# 232
 Delta R.T. 0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

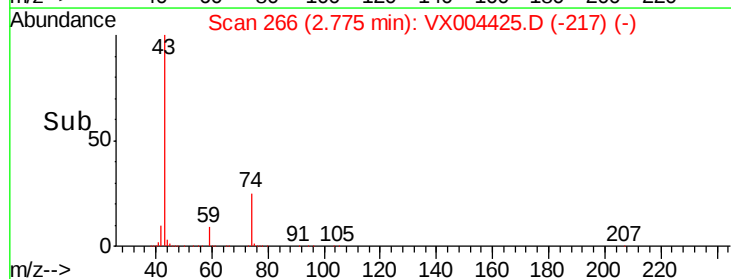
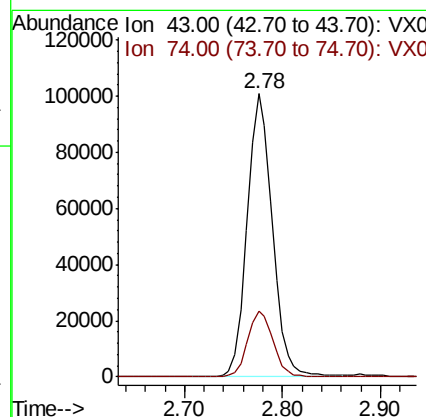
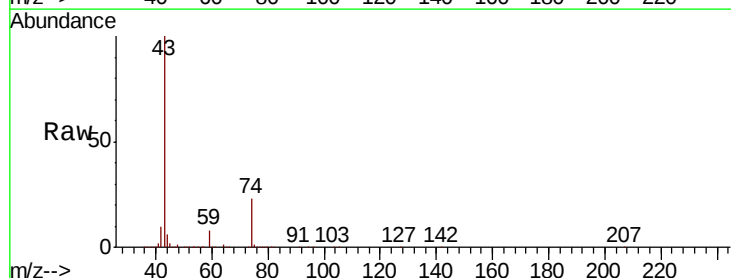
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD02

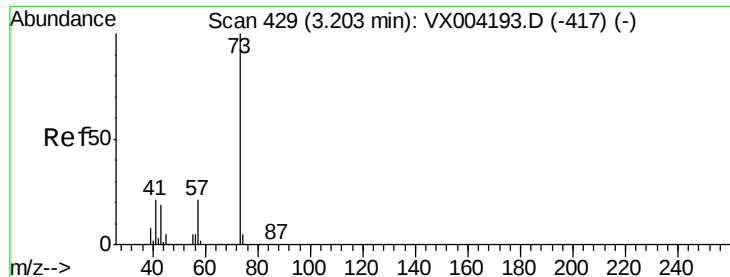
Tot Ion: 76 Resp: 161253
 Ion Ratio Lower Upper
 76 100
 78 8.8 7.0 10.6



#18
 Methyl Acetate
 Concen: 28.69 ug/l
 RT: 2.78 min Scan# 266
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Tgt Ion: 43 Resp: 179162
 Ion Ratio Lower Upper
 43 100
 74 23.9 19.4 29.2



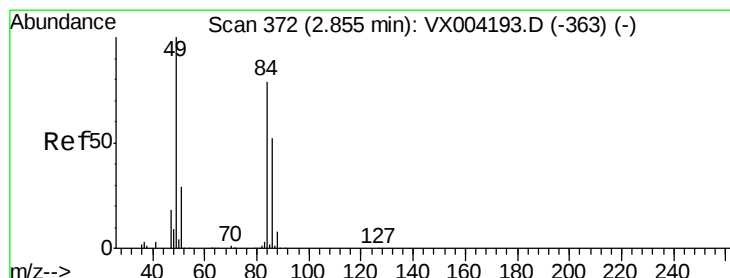
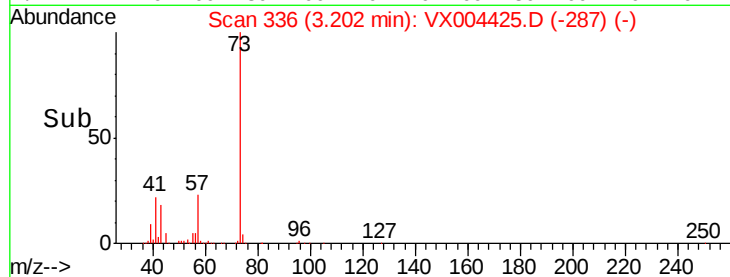
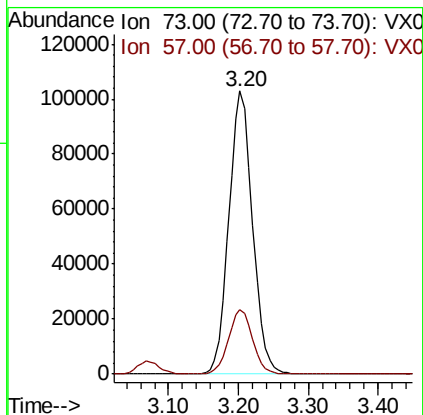
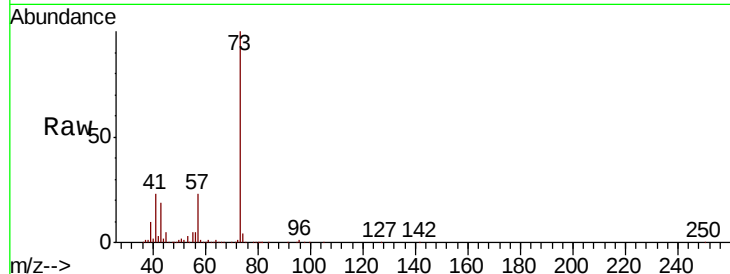


#19

Methyl tert-butyl Ether
 Concen: 21.44 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD02

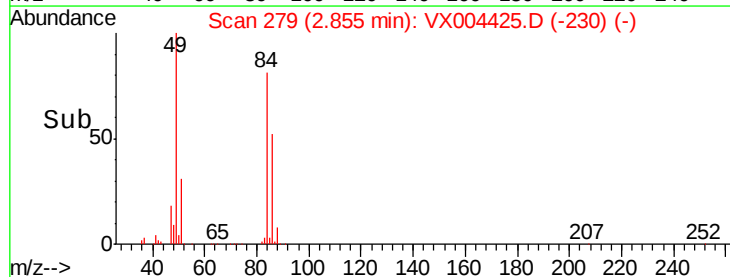
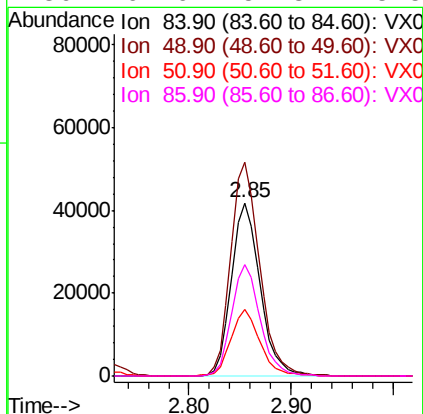
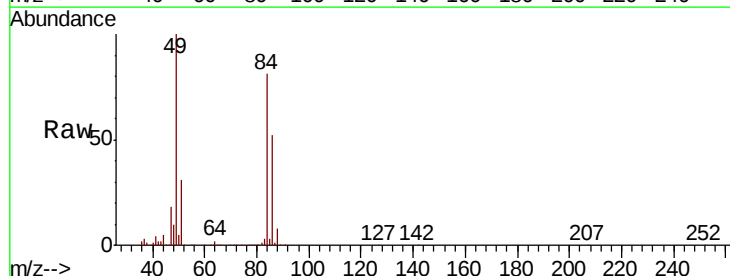
Tot Ion: 73 Resp: 241674
 Ion Ratio Lower Upper
 73 100
 57 22.7 17.1 25.7

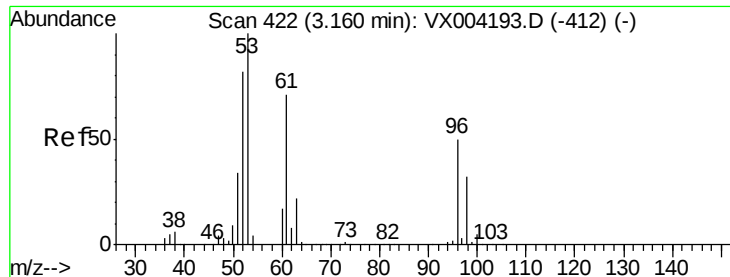


#20

Methylene Chloride
 Concen: 20.08 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Tgt Ion: 84 Resp: 81328
 Ion Ratio Lower Upper
 84 100
 49 123.5 101.2 151.8
 51 38.7 29.5 44.3
 86 64.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.10 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD02

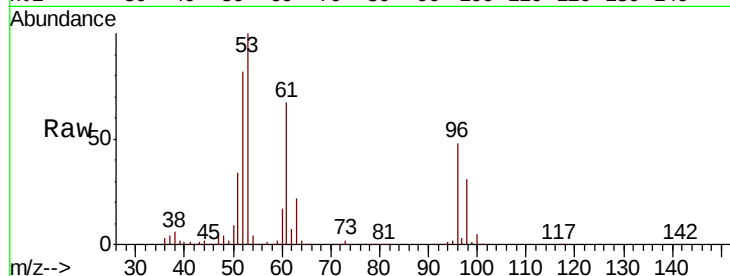
Tot Ion: 96 Resp: 72294

Ion Ratio Lower Upper

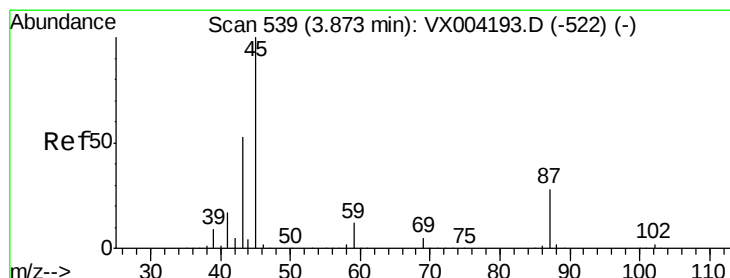
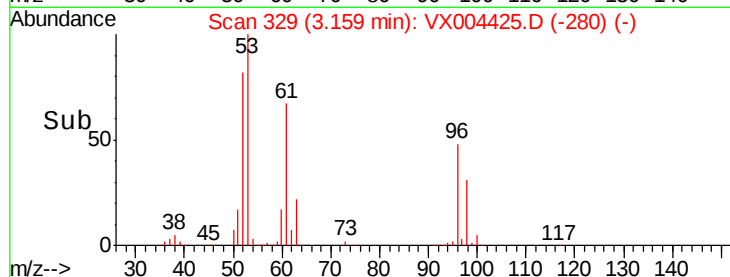
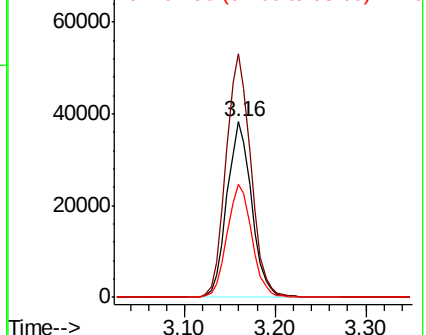
96 100

61 138.7 113.8 170.6

98 64.2 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: 21.33 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Tgt Ion: 45 Resp: 250249

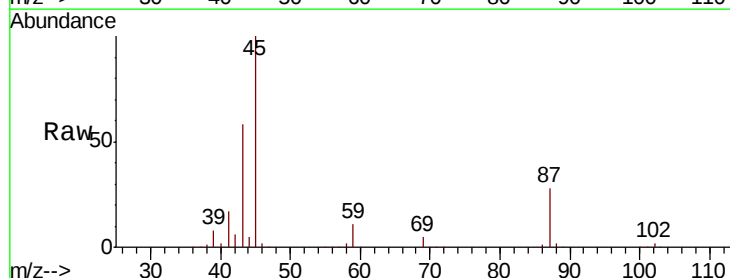
Ion Ratio Lower Upper

45 100

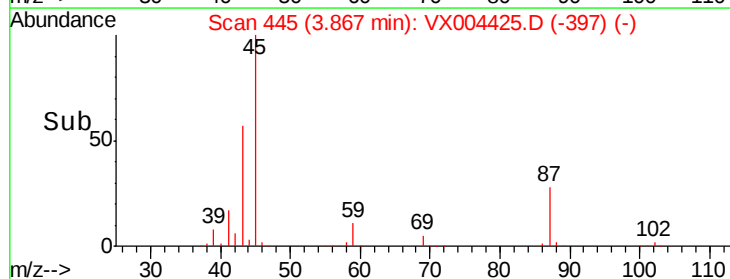
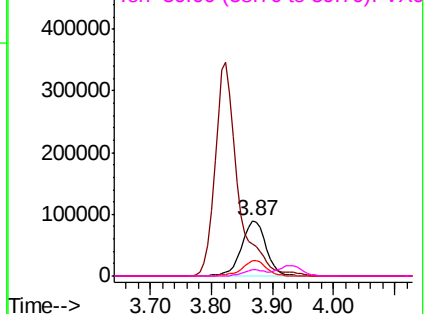
43 57.3 42.8 64.2

87 27.6 22.6 34.0

59 11.1 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: 95.70 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

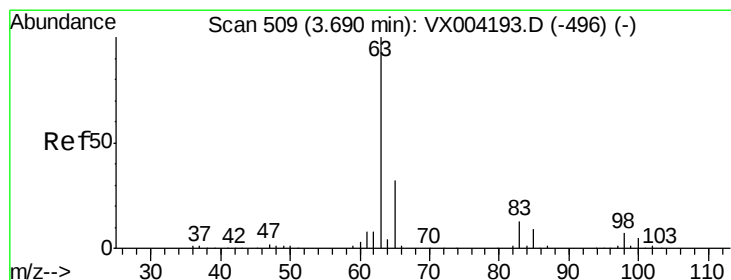
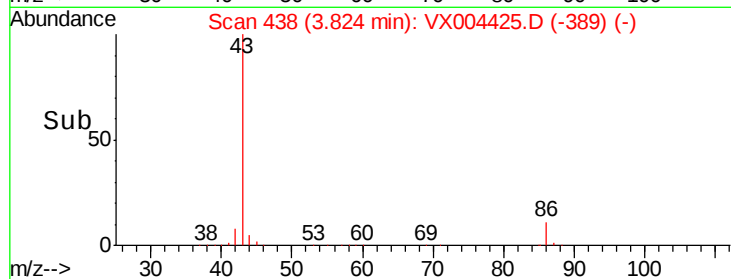
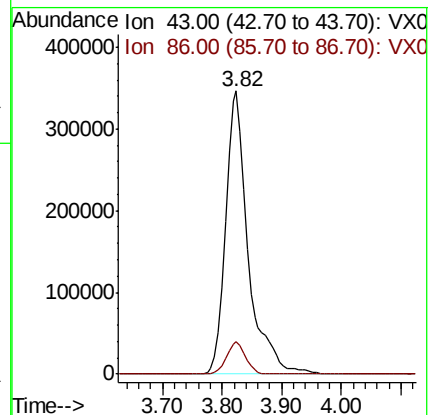
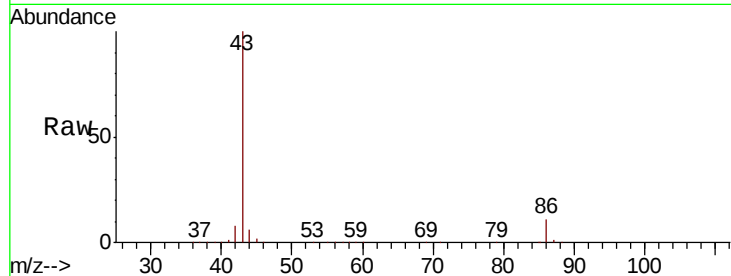
VX0907WBSD02

Tot Ion: 43 Resp: 910057

Ion Ratio Lower Upper

43 100

86 11.3 8.9 13.3



#24

1,1-Dichloroethane

Concen: 20.70 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

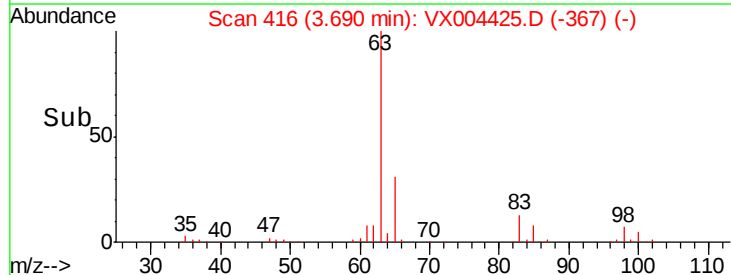
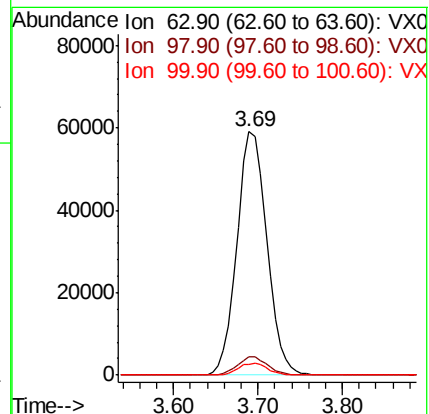
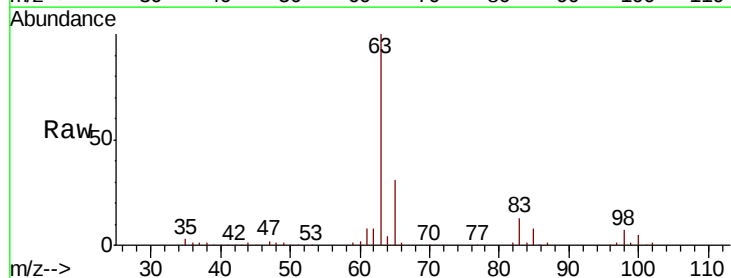
Tgt Ion: 63 Resp: 141520

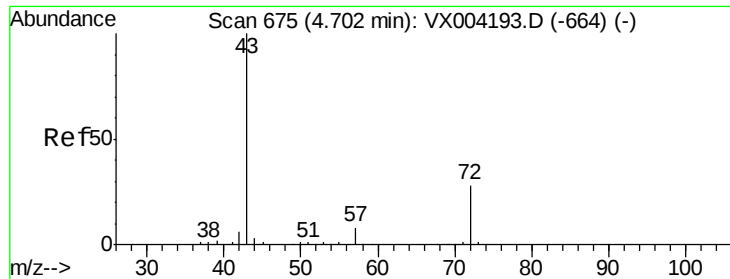
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 4.5 2.4 7.1





#25

2-Butanone

Concen: 108.25 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

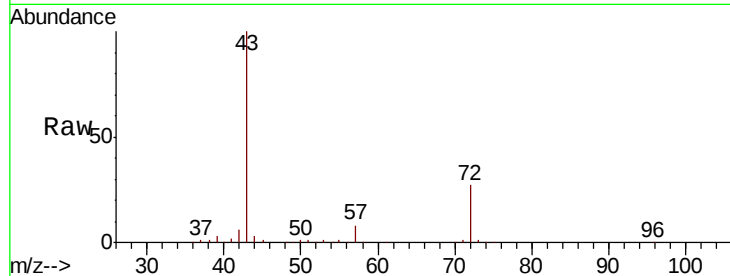
VX0907WBSD02

Tot Ion: 43 Resp: 309750

Ion Ratio Lower Upper

43 100

72 26.9 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

40000

20000

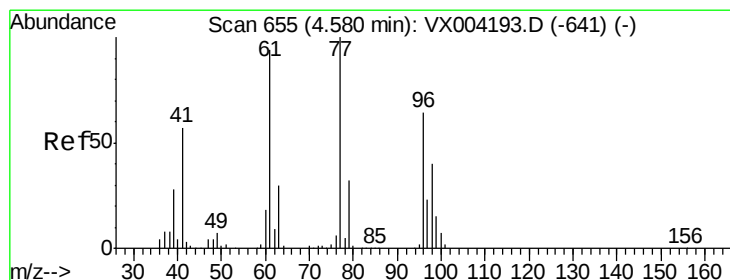
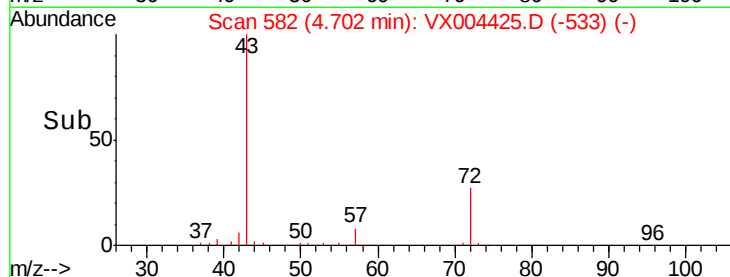
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 14.15 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004425.D

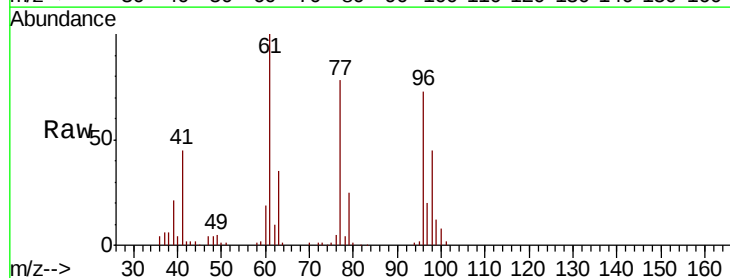
Acq: 08 Sep 2018 00:05

Tgt Ion: 77 Resp: 75901

Ion Ratio Lower Upper

77 100

97 25.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

10000

5000

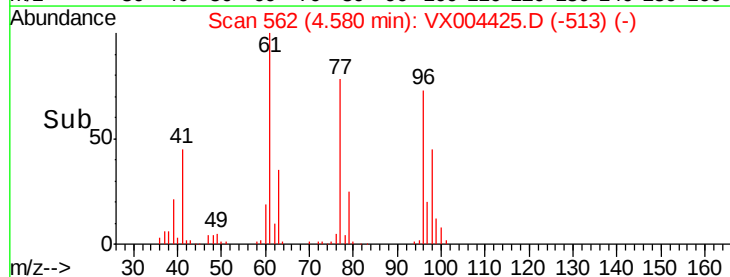
0

4.50

4.60

4.70

Time-->



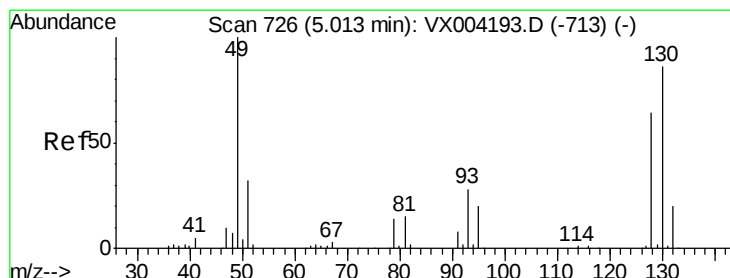
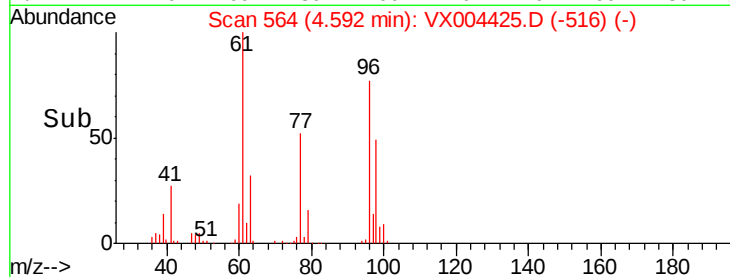
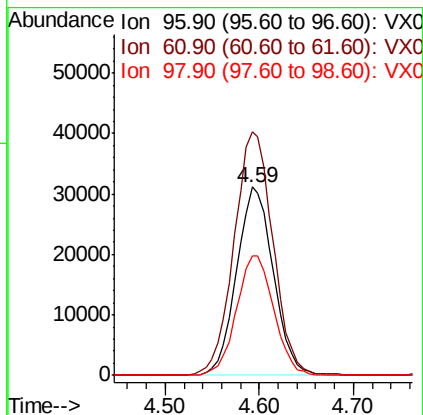
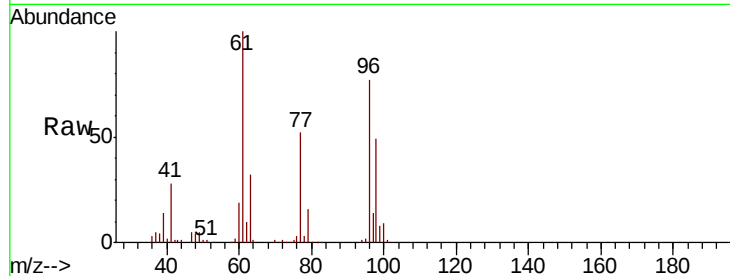


#27

cis-1,2-Dichloroethene
 Concen: 19.68 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD02

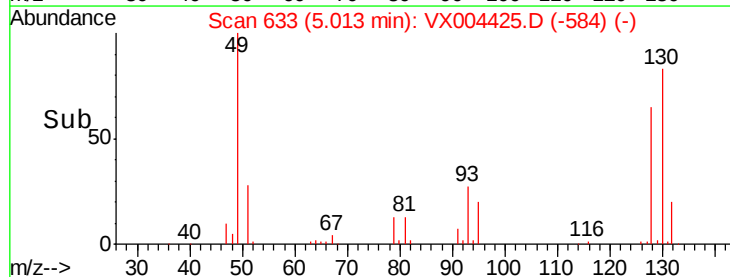
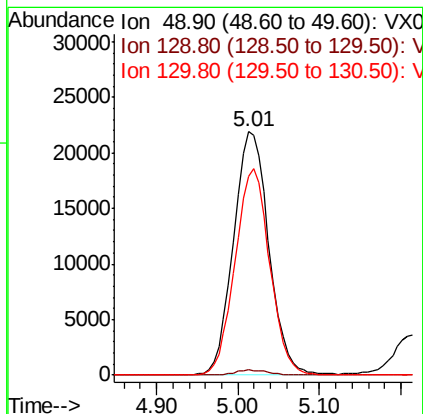
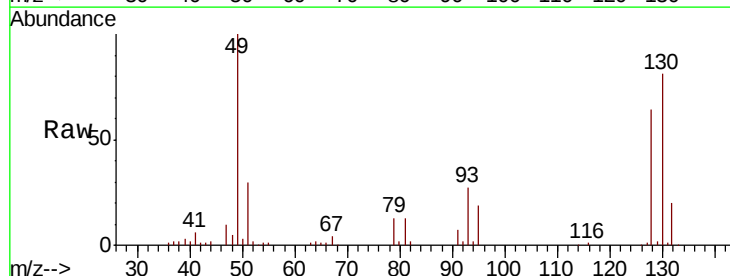
Tot Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	282.6
98	64.6	0.0	130.2

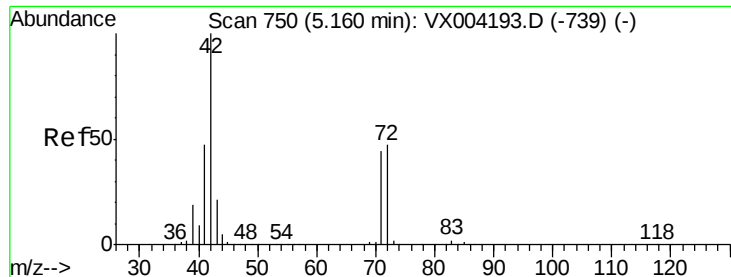


#28

Bromochloromethane
 Concen: 21.79 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	82.9	67.5	101.3





#29

Tetrahydrofuran

Concen: 108.48 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD02

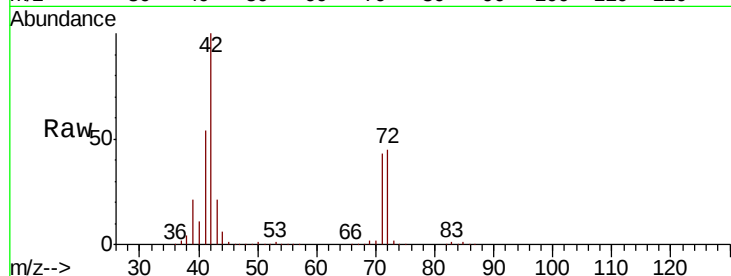
Tot Ion: 42 Resp: 196124

Ion Ratio Lower Upper

42 100

72 46.7 37.4 56.0

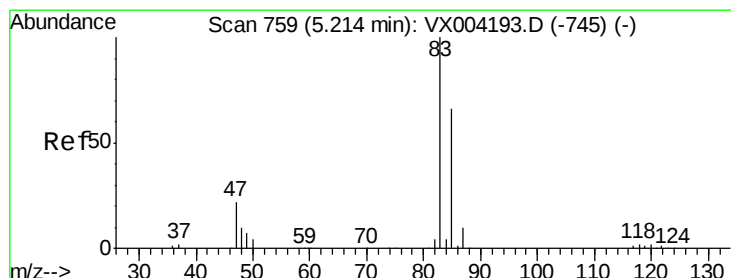
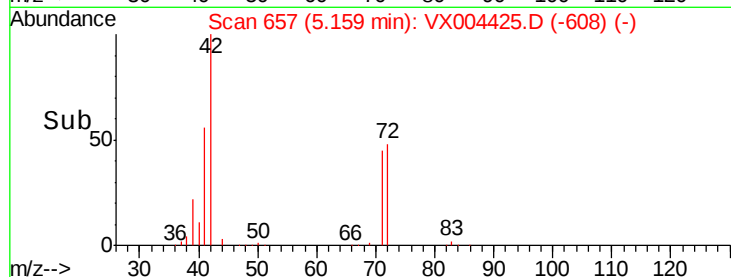
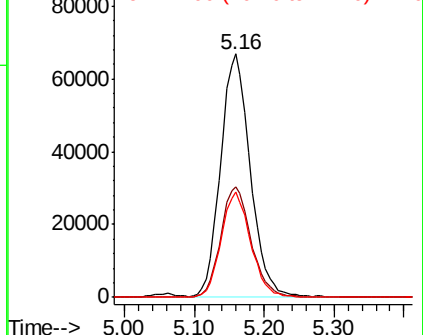
71 43.2 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.59 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004425.D

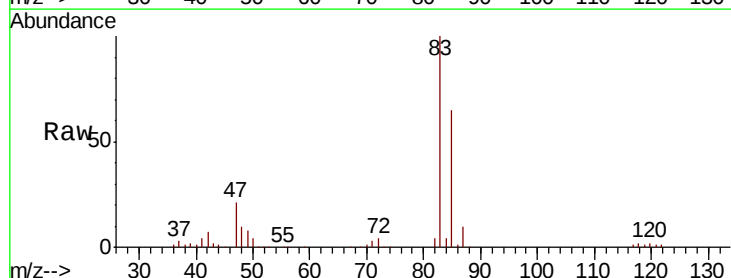
Acq: 08 Sep 2018 00:05

Tgt Ion: 83 Resp: 141129

Ion Ratio Lower Upper

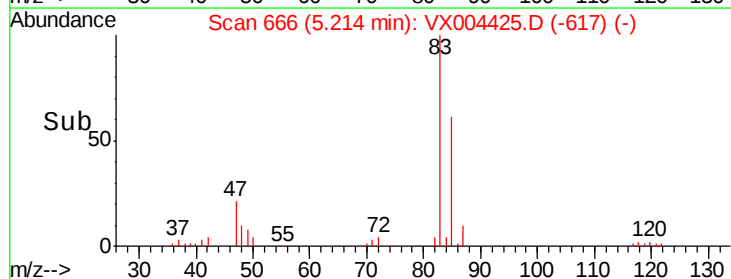
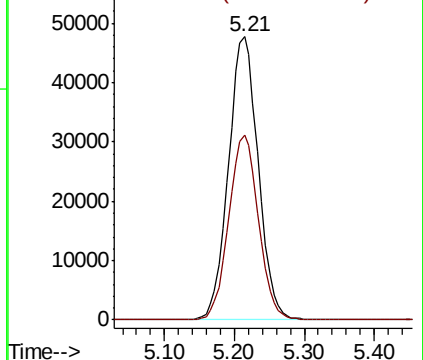
83 100

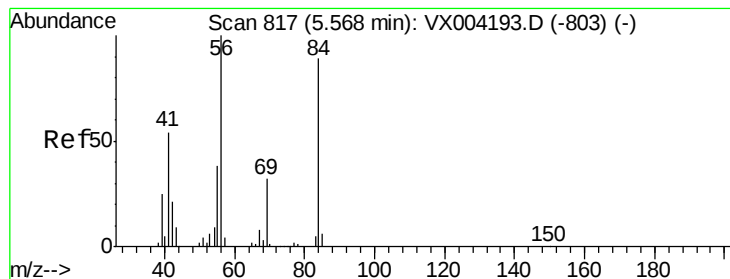
85 65.2 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.81 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD02

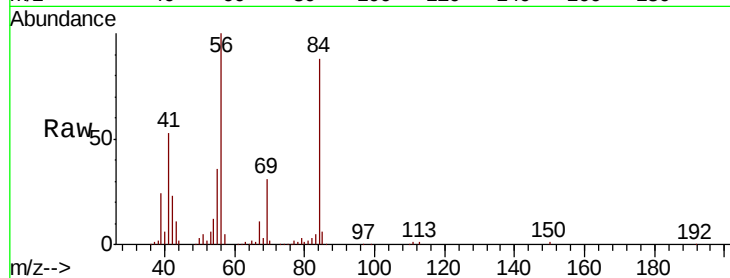
Tot Ion: 56 Resp: 110993

Ion Ratio Lower Upper

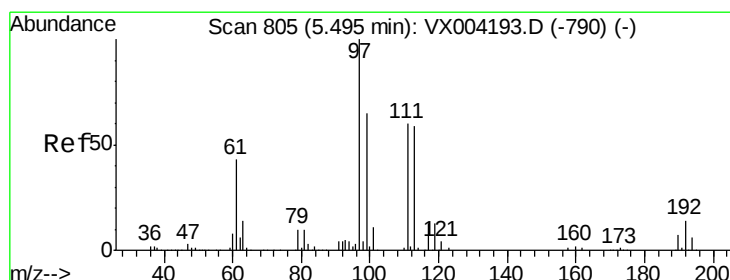
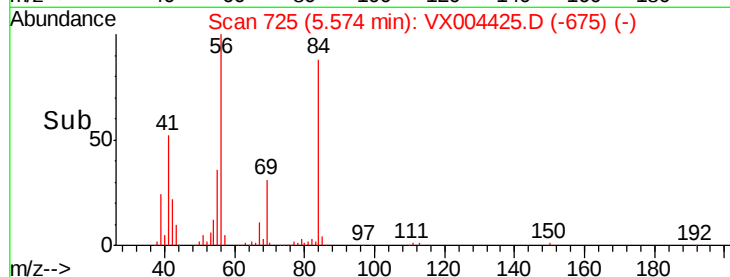
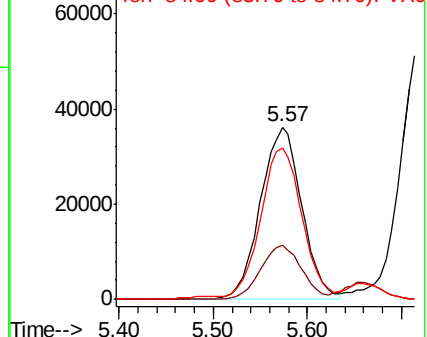
56 100

69 31.1 25.4 38.2

84 86.6 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: 20.16 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

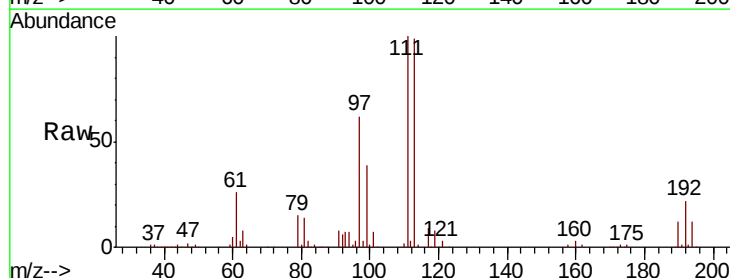
Tgt Ion: 97 Resp: 115261

Ion Ratio Lower Upper

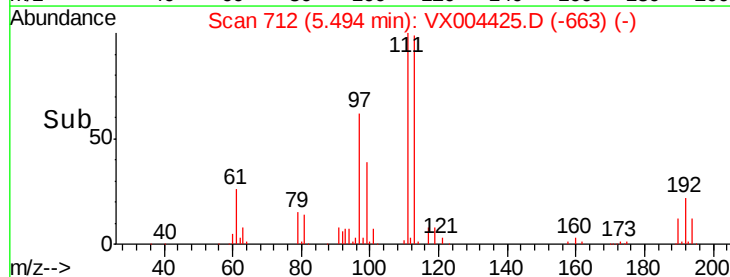
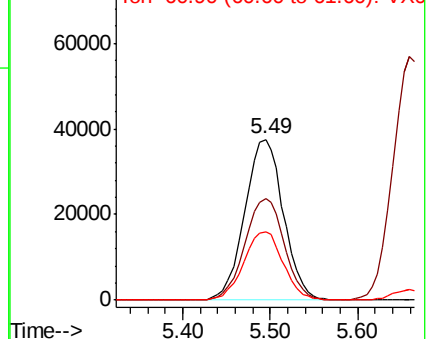
97 100

99 64.4 52.0 78.0

61 43.6 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: 48.29 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

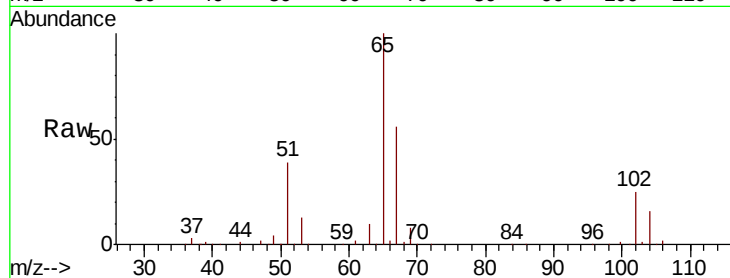
VX0907WBSD02

Tot Ion: 65 Resp: 203205

Ion Ratio Lower Upper

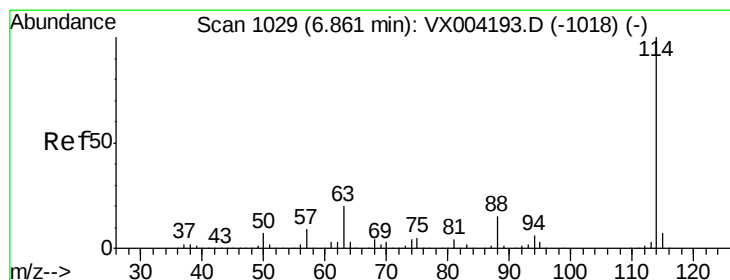
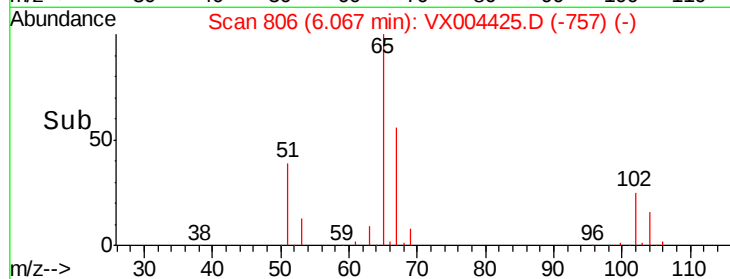
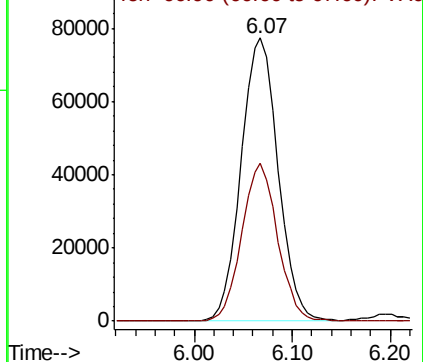
65 100

67 53.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

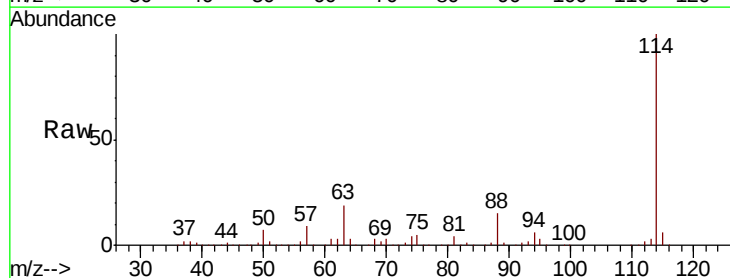
Tgt Ion: 114 Resp: 480535

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.0

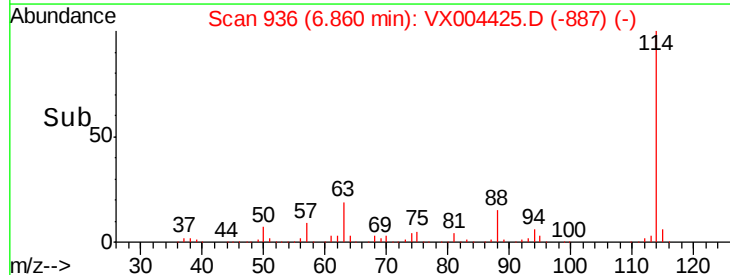
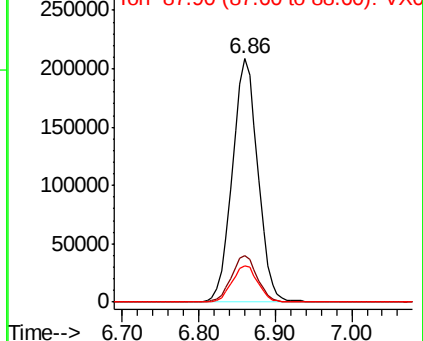
88 15.1 0.0 30.4

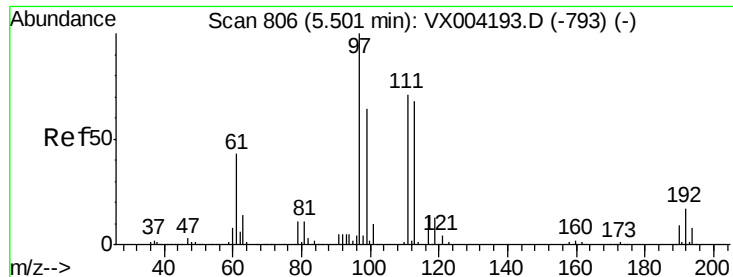


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

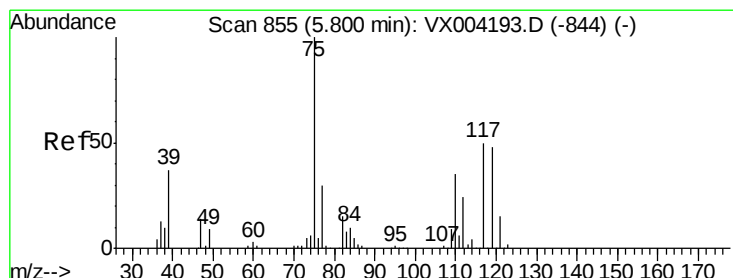
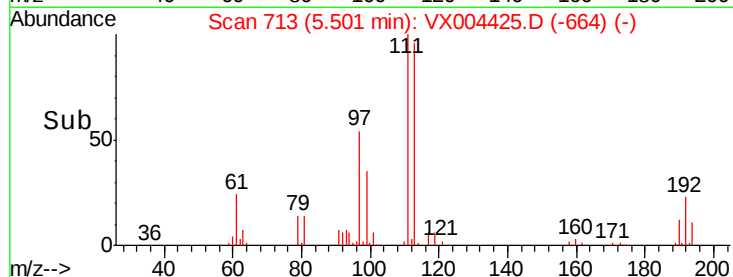
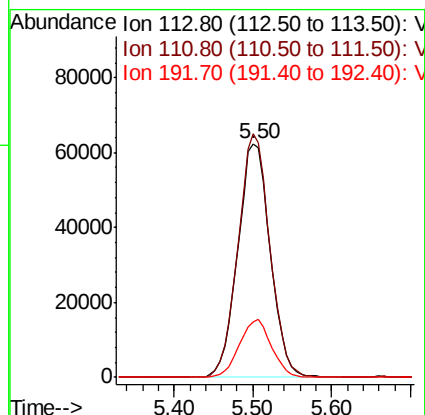
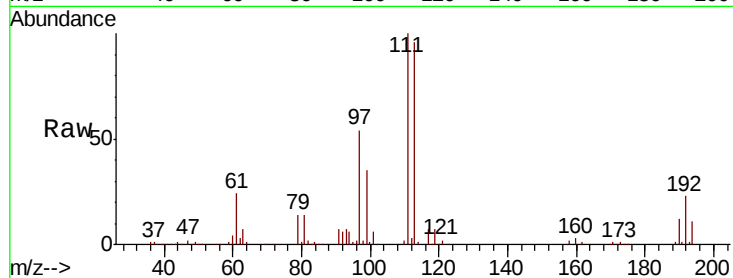




#35
Dibromofluoromethane
Concen: 50.07 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

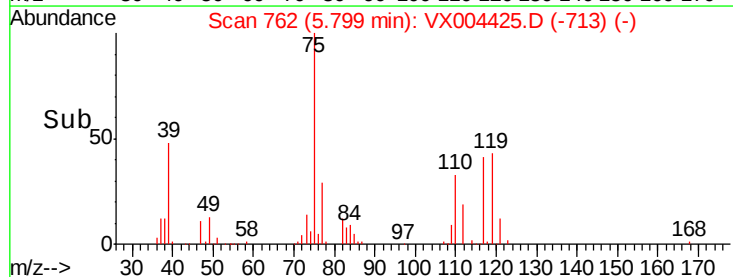
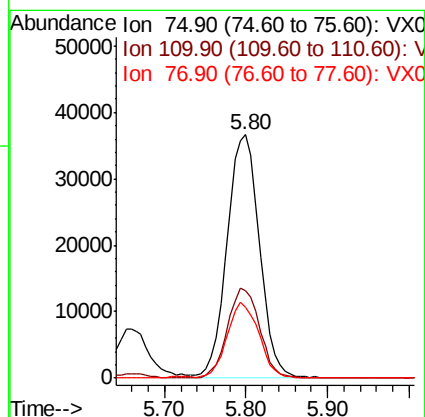
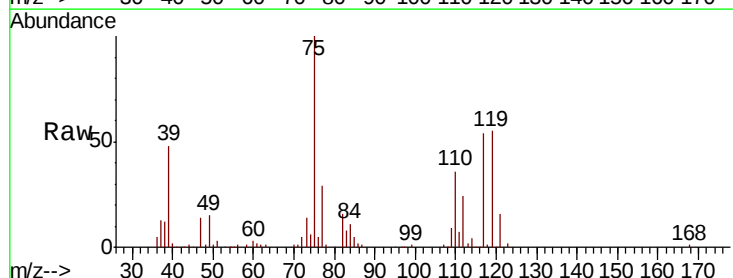
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion:113 Resp: 178984
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 24.2 19.4 29.2



#36
1,1-Dichloropropene
Concen: 18.53 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion: 75 Resp: 100114
Ion Ratio Lower Upper
75 100
110 37.0 18.0 54.0
77 30.7 24.6 36.8





#37

Ethyl Acetate

Concen: 20.32 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD02

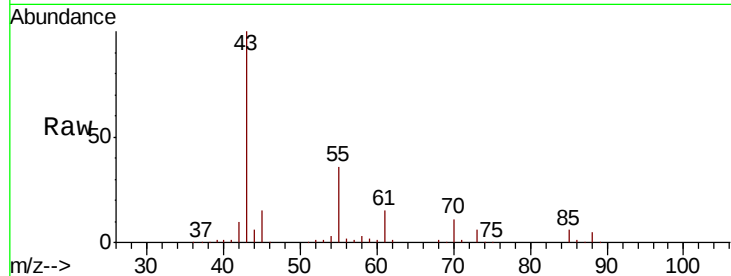
Tot Ion: 43 Resp: 107963

Ion Ratio Lower Upper

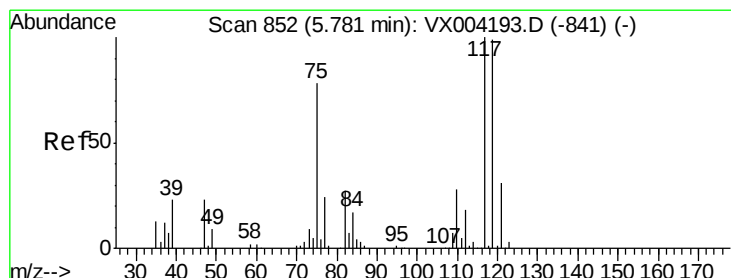
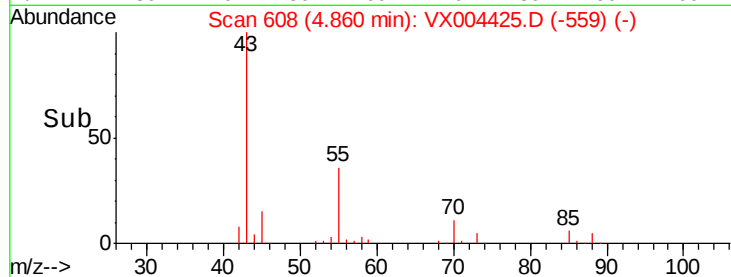
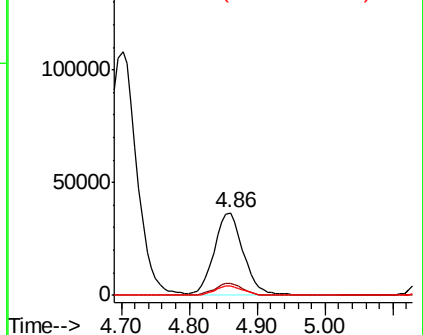
43 100

61 14.7 11.5 17.3

70 11.4 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: 19.02 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

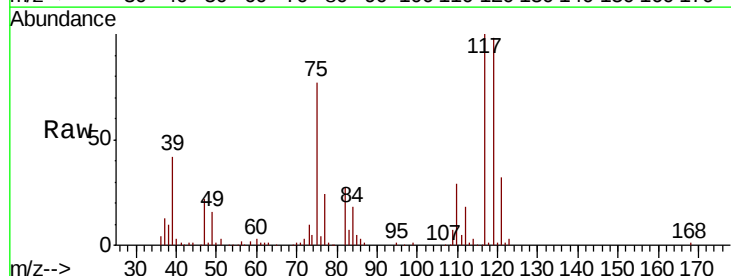
Tgt Ion: 117 Resp: 96649

Ion Ratio Lower Upper

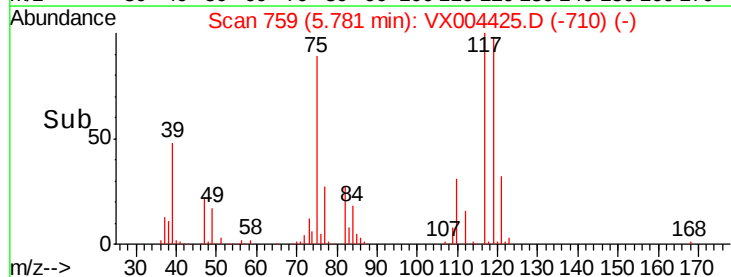
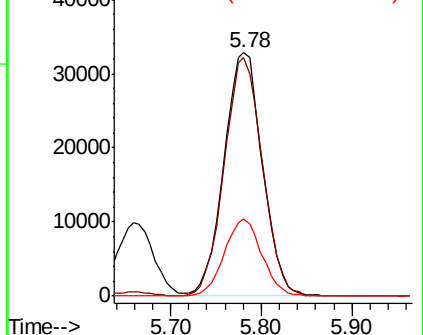
117 100

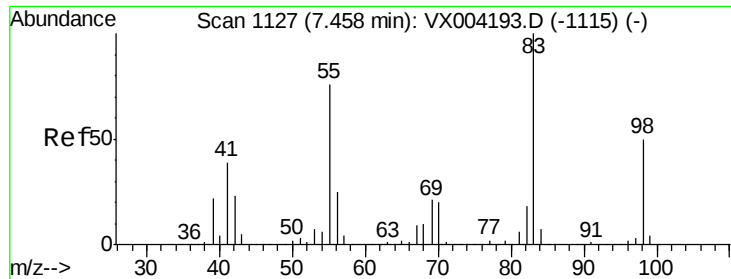
119 97.8 78.8 118.2

121 32.0 24.9 37.3



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

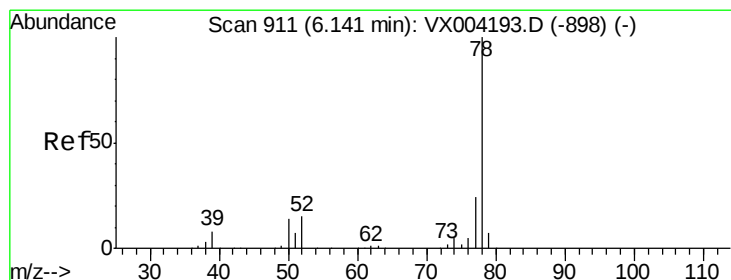
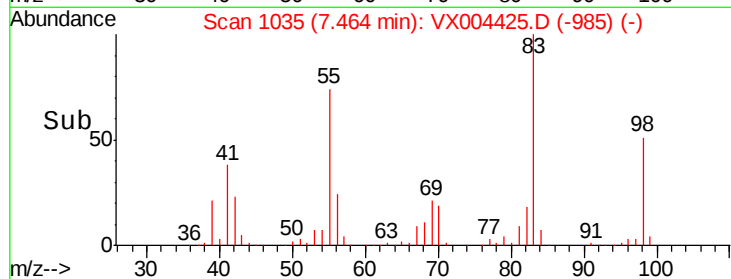
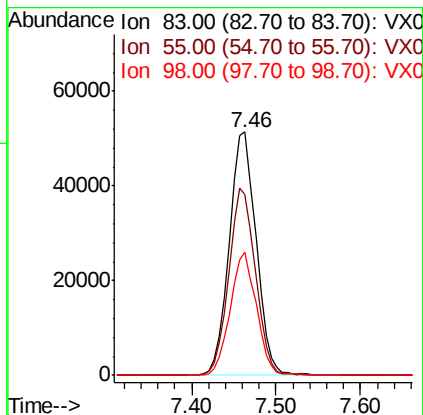
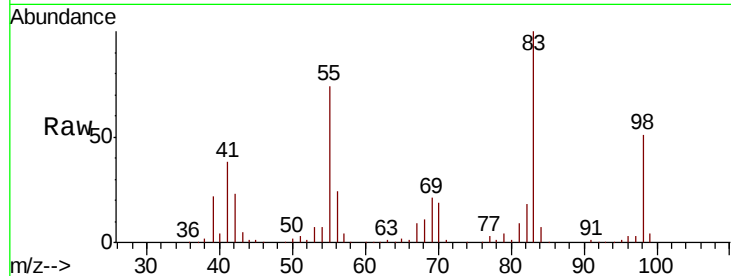




#39
Methvlcvclohexane
Concen: 18.09 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

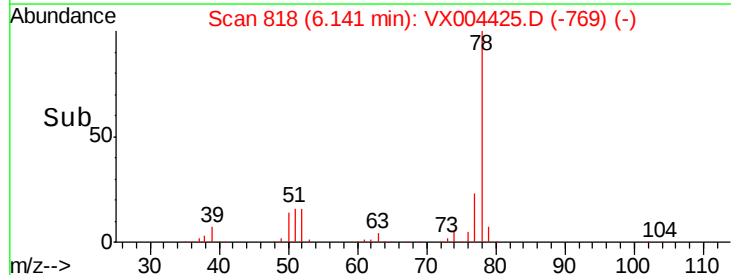
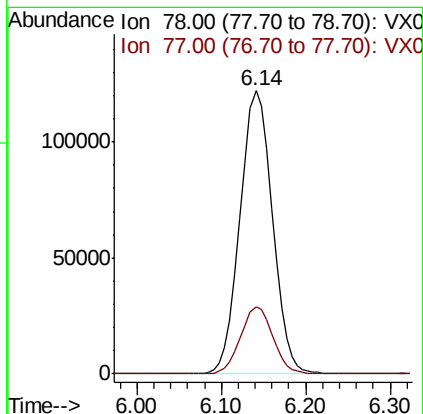
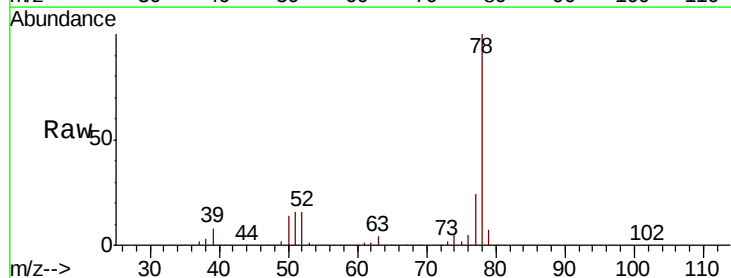
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion: 83 Resp: 111548
Ion Ratio Lower Upper
83 100
55 74.2 61.0 91.4
98 50.8 39.6 59.4



#40
Benzene
Concen: 19.74 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion: 78 Resp: 318682
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

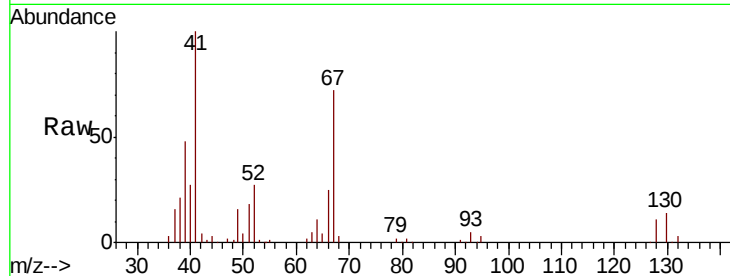




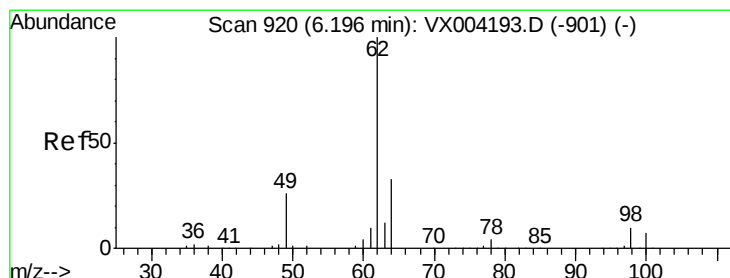
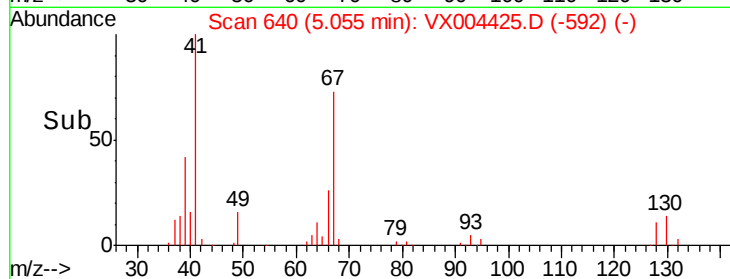
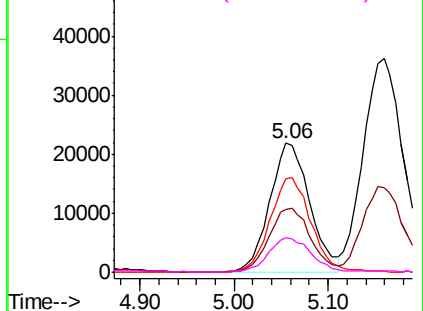
#41
Methacrylonitrile
Concen: 21.27 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion:	41	Resp:	65490
Ion	Ratio	Lower	Upper
41	100		
39	51.3	42.4	63.6
67	74.4	59.2	88.8
52	28.3	23.0	34.4

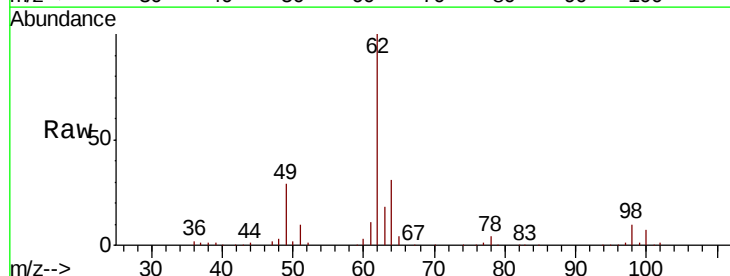


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

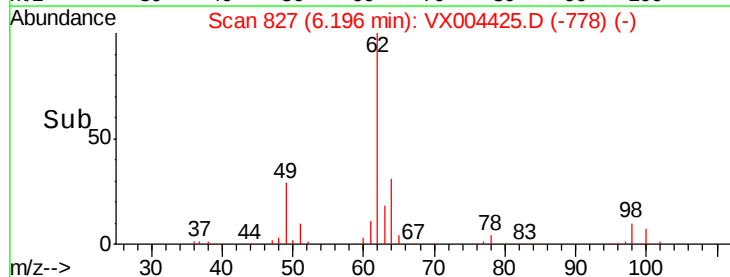
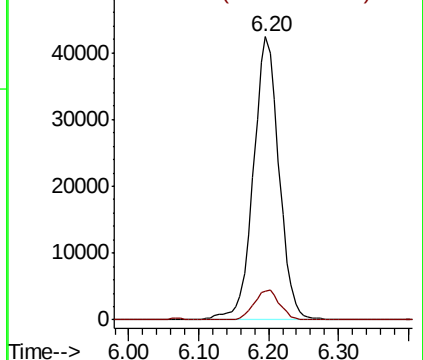


#42
1,2-Dichloroethane
Concen: 19.59 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion:	62	Resp:	107882
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.6



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



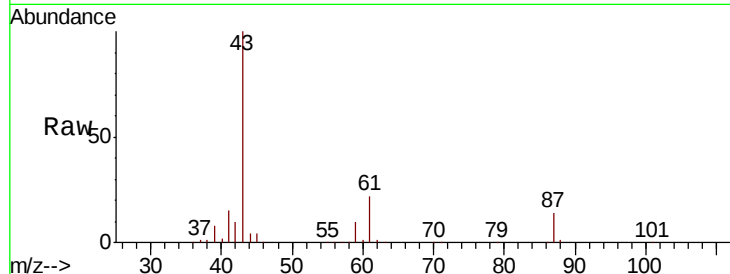


#43

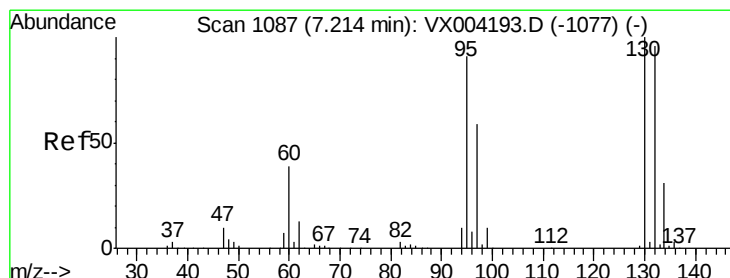
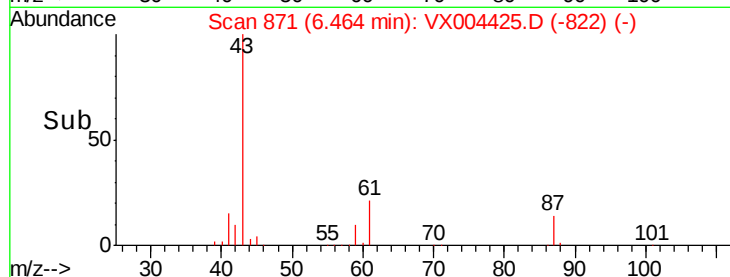
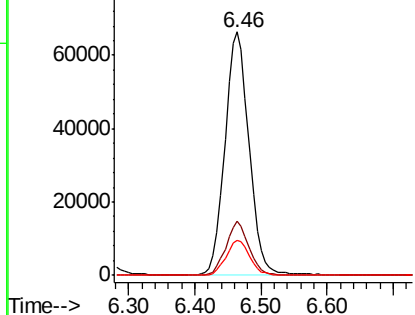
Isopropyl Acetate
 Concen: 20.49 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD02

Tot Ion: 43 Resp: 167251
 Ion Ratio Lower Upper
 43 100
 61 21.2 17.0 25.4
 87 14.3 11.4 17.2



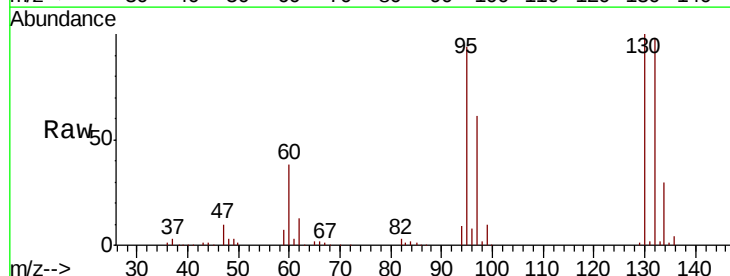
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



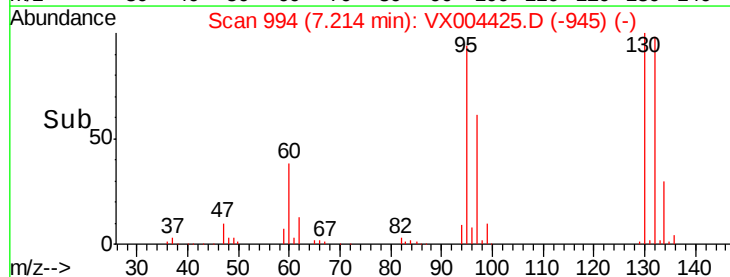
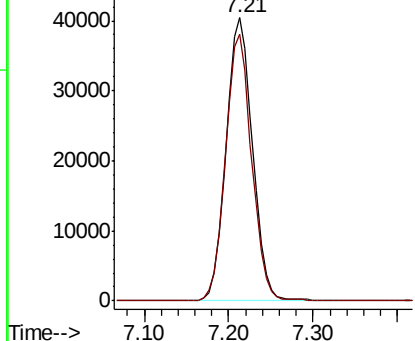
#44

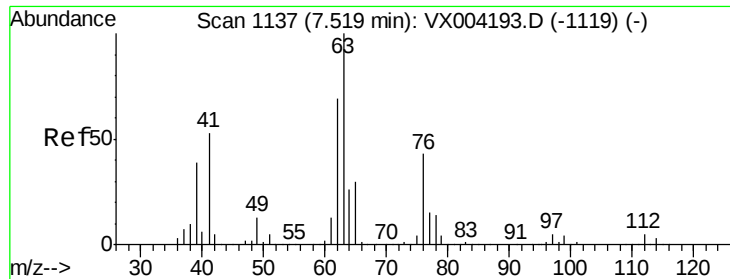
Trichloroethene
 Concen: 19.28 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Tgt Ion:130 Resp: 86148
 Ion Ratio Lower Upper
 130 100
 95 94.4 0.0 181.6



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

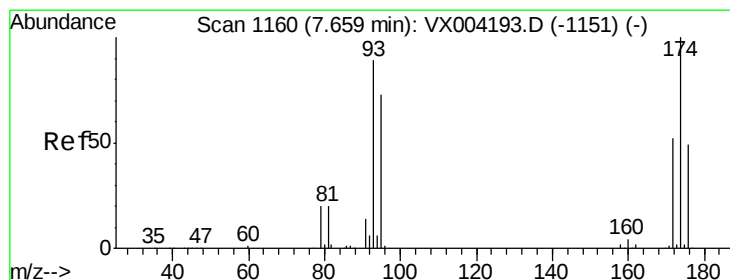
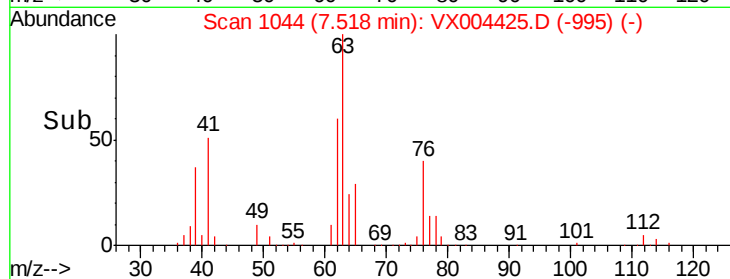
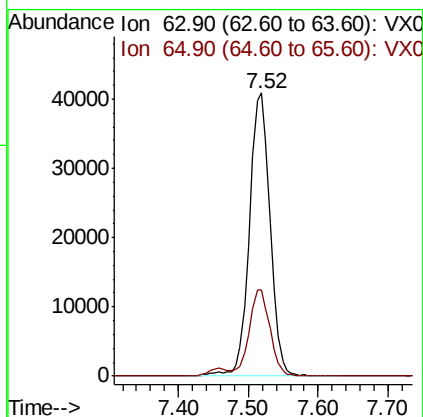
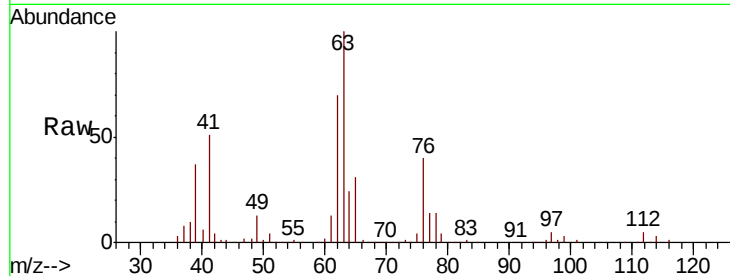




#45
 1,2-Dichloropropane
 Concen: 20.80 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

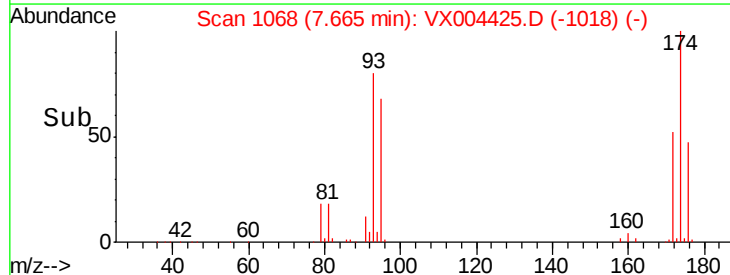
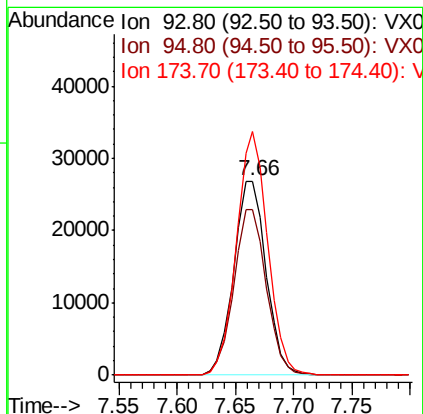
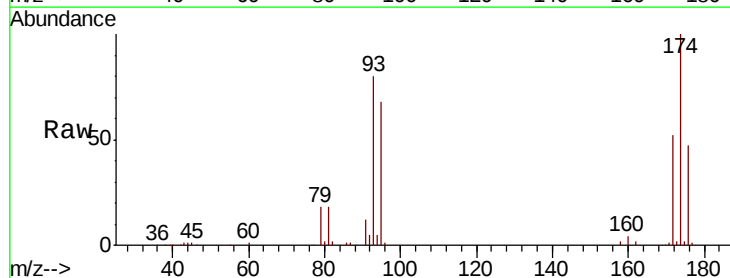
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD02

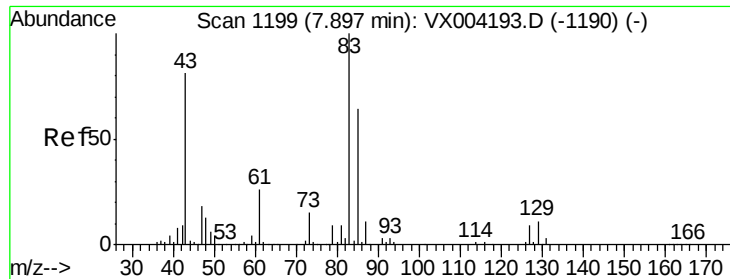
Tot Ion: 63 Resp: 84055
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.3 36.5



#46
 Dibromomethane
 Concen: 19.43 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Tgt Ion: 93 Resp: 52280
 Ion Ratio Lower Upper
 93 100
 95 85.5 65.5 98.3
 174 120.8 94.2 141.4





#47

Bromodichloromethane

Concen: 20.21 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD02

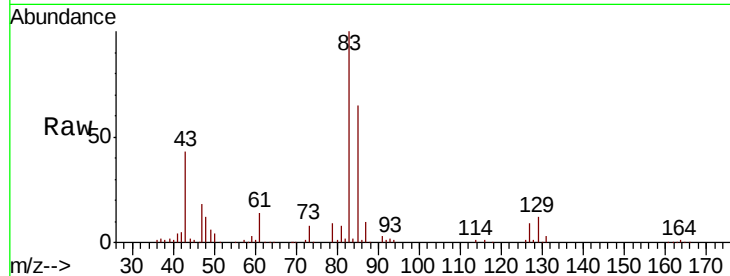
Tot Ion: 83 Resp: 101169

Ion Ratio Lower Upper

83 100

85 65.2 50.9 76.3

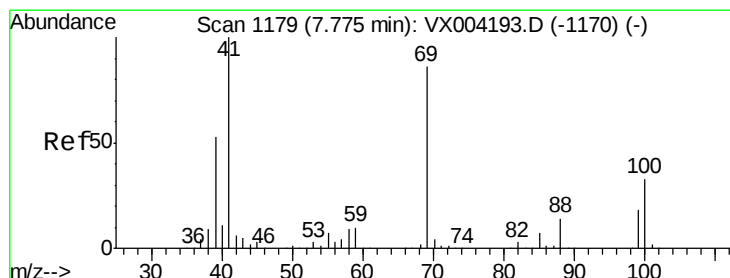
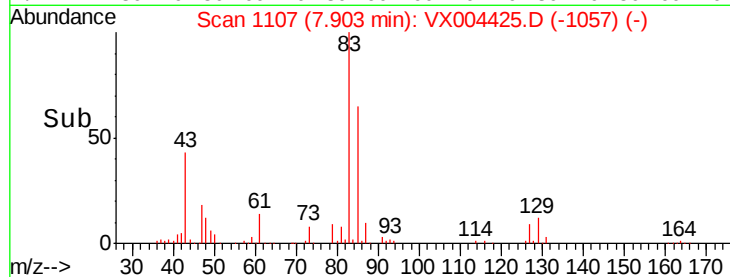
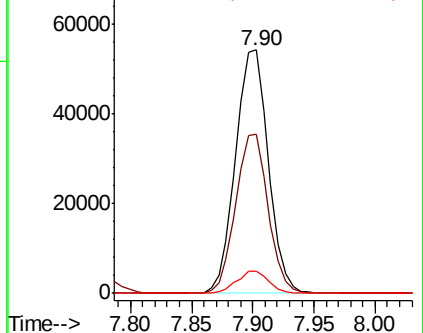
127 9.3 7.3 10.9



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: 20.22 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

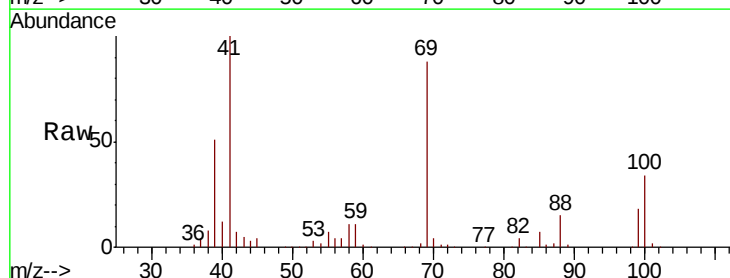
Tgt Ion: 41 Resp: 88312

Ion Ratio Lower Upper

41 100

69 88.6 70.2 105.4

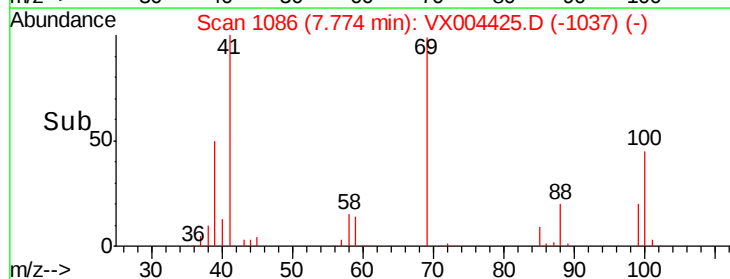
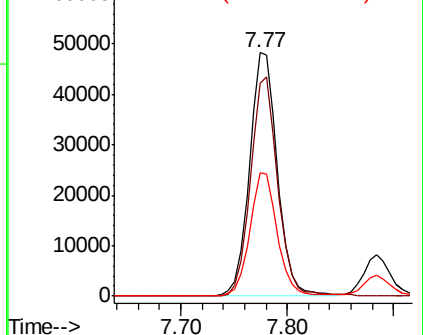
39 50.6 42.7 64.1

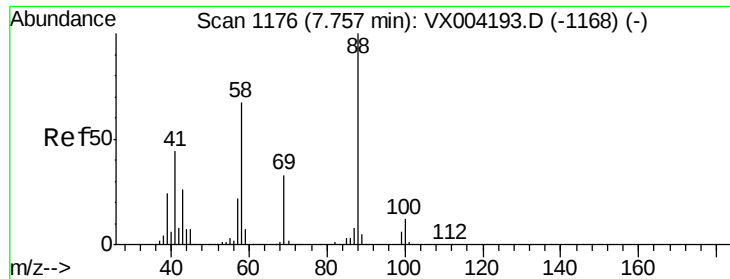


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 456.88 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD02

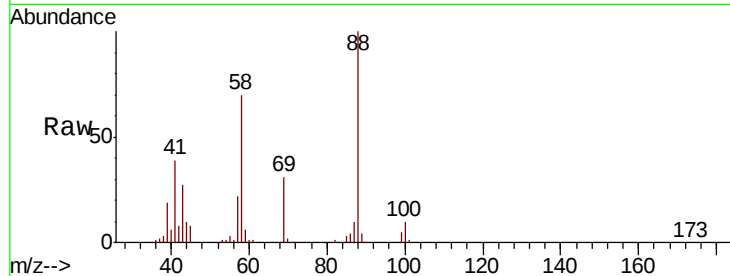
Tot Ion: 88 Resp: 45315

Ion Ratio Lower Upper

88 100

43 28.5 24.7 37.1

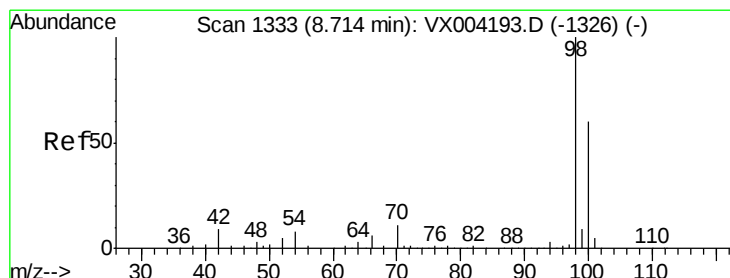
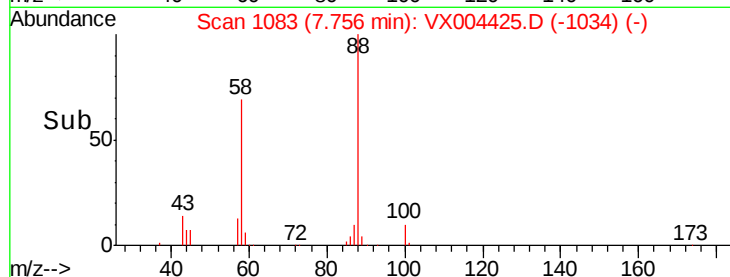
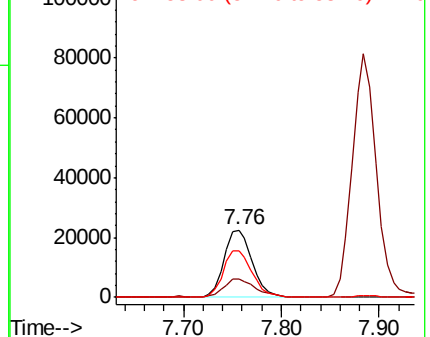
58 70.9 55.3 82.9



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: 48.94 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX004425.D

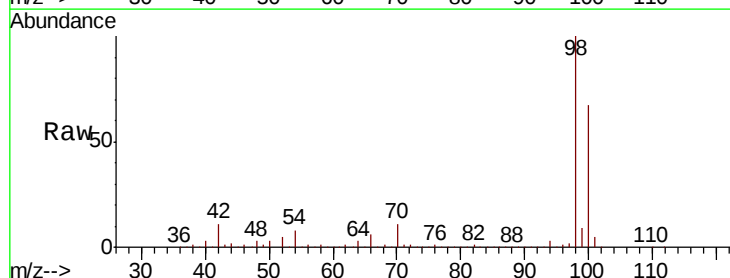
Acq: 08 Sep 2018 00:05

Tgt Ion: 98 Resp: 660392

Ion Ratio Lower Upper

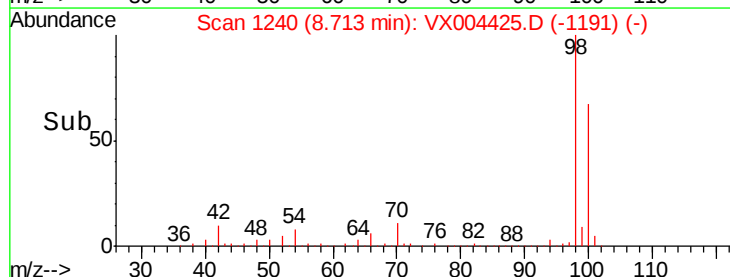
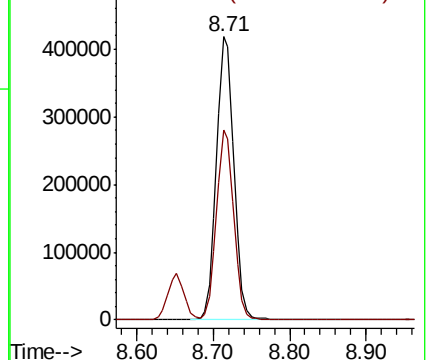
98 100

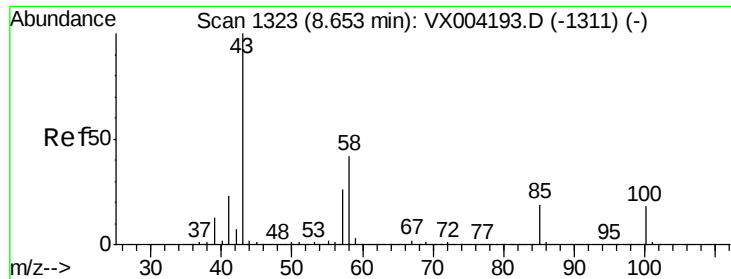
100 66.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 100.73 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

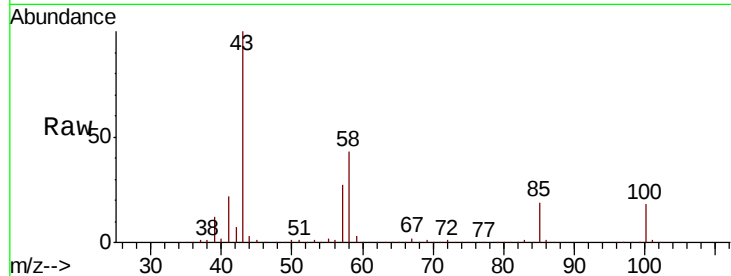
VX0907WBSD02

Tot Ion: 43 Resp: 597503

Ion Ratio Lower Upper

43 100

58 41.2 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

400000

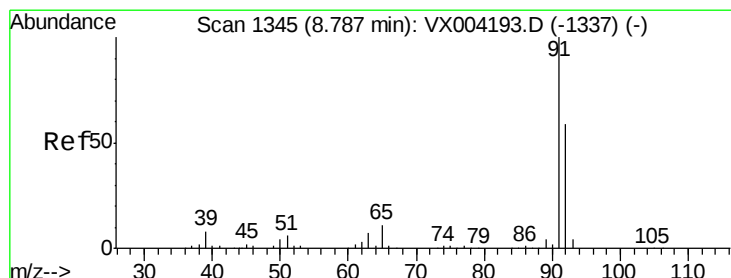
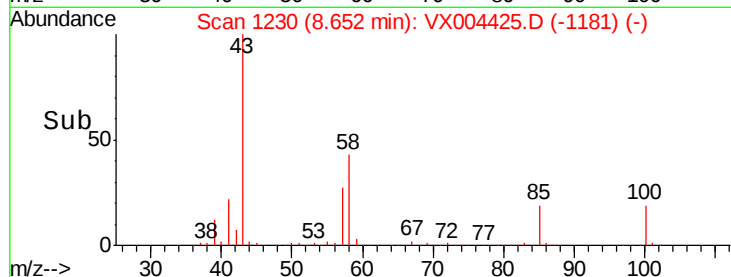
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.11 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004425.D

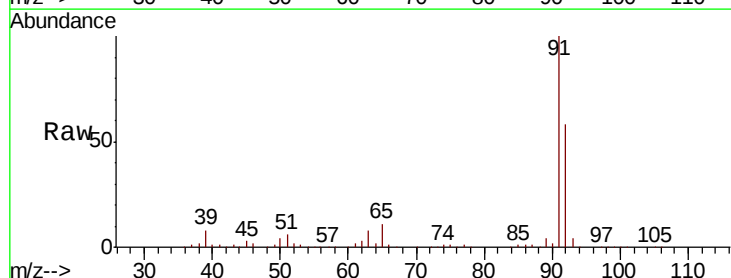
Acq: 08 Sep 2018 00:05

Tgt Ion: 92 Resp: 203209

Ion Ratio Lower Upper

92 100

91 170.3 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

250000

200000

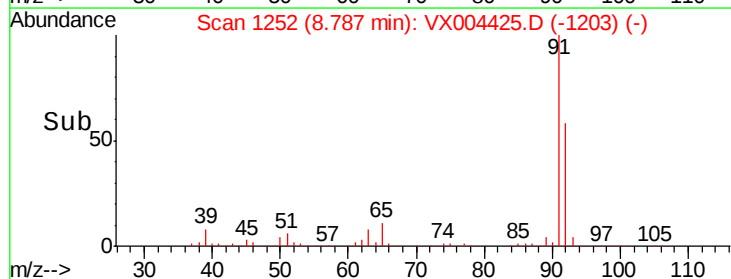
150000

100000

50000

0

Time-->

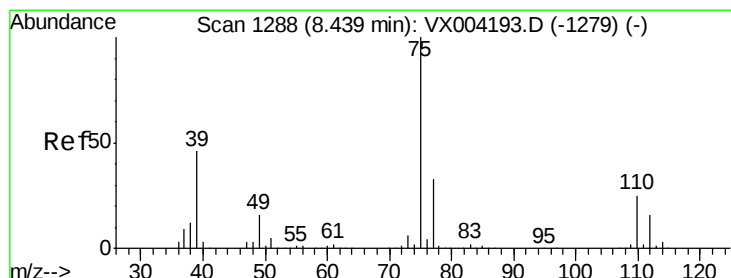
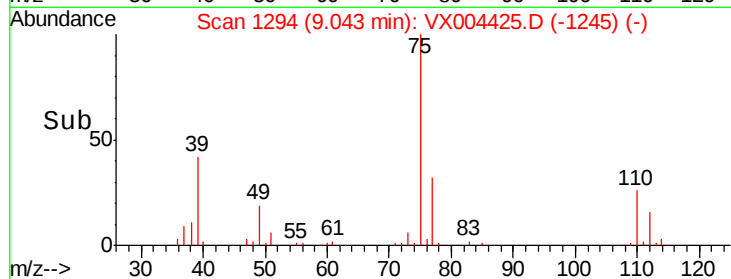
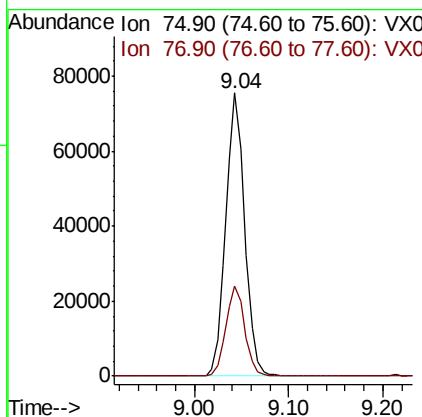
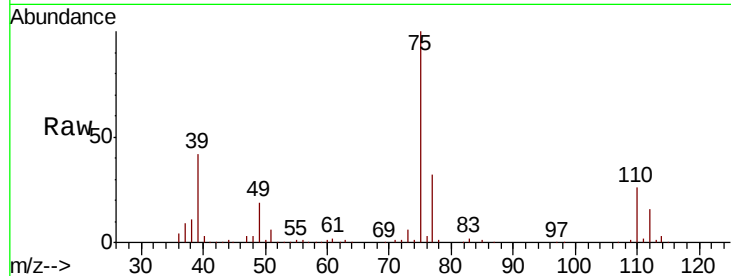




#53
 t-1,3-Dichloropropene
 Concen: 19.04 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

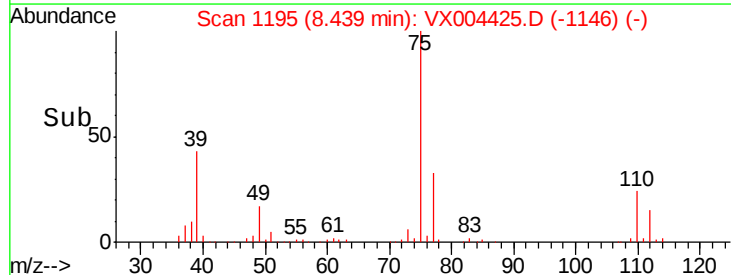
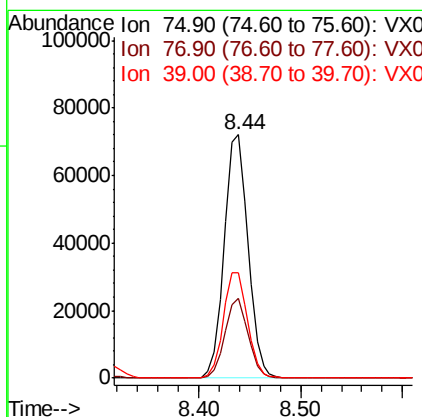
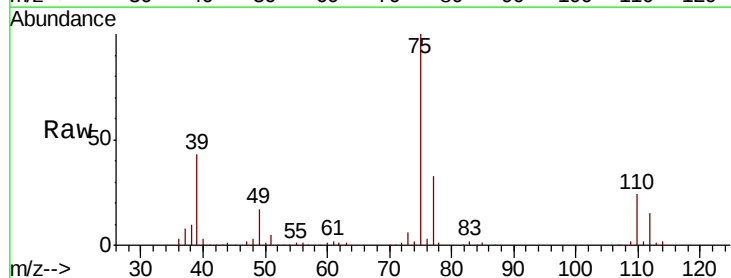
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD02

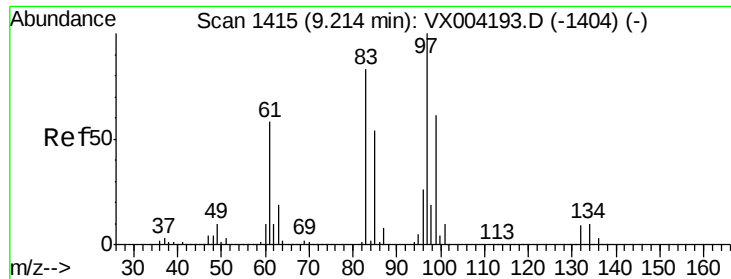
Tot Ion: 75 Resp: 105268
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.38 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Tgt Ion: 75 Resp: 116725
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.2 39.2
 39 43.0 36.4 54.6

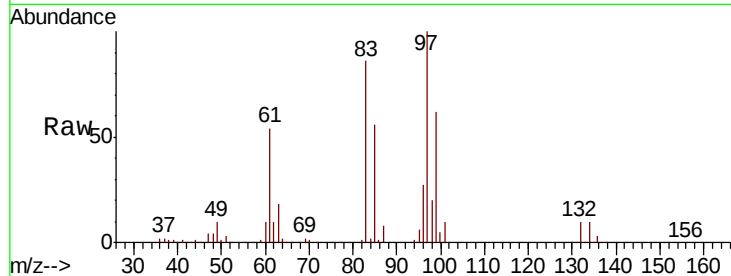




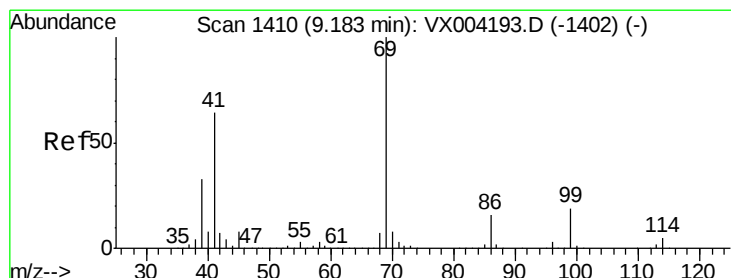
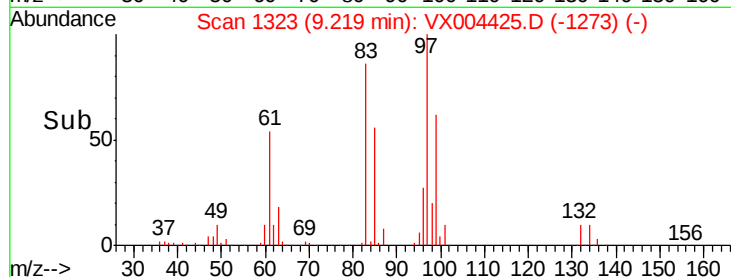
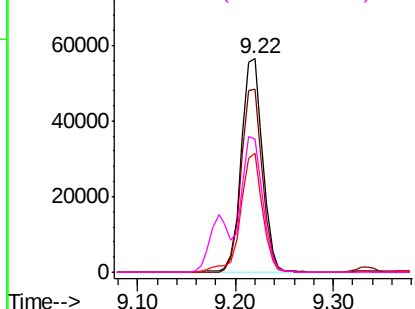
#55
 1,1,2-Trichloroethane
 Concen: 20.89 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD02

Tot Ion:	97	Resp:	85195
Ion	Ratio	Lower	Upper
97	100		
83	85.6	66.4	99.6
85	55.9	43.3	64.9
99	62.2	49.0	73.4

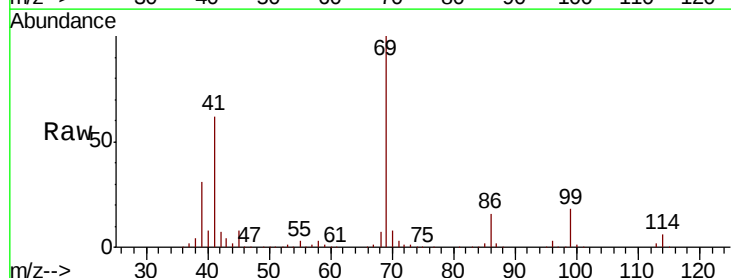


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

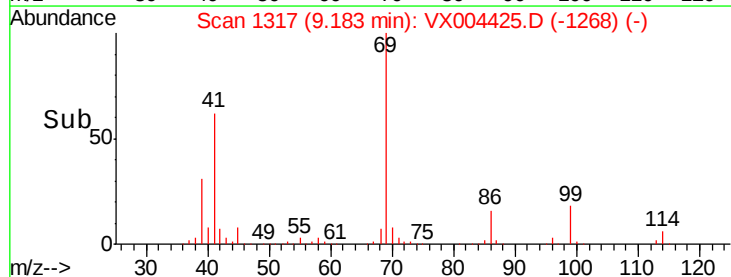
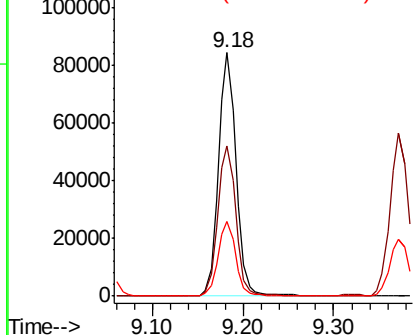


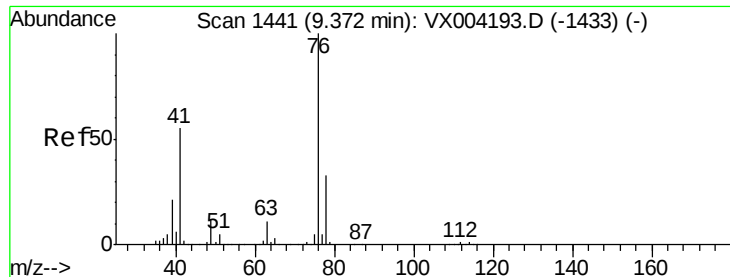
#56
 Ethyl methacrylate
 Concen: 20.68 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Tgt Ion:	69	Resp:	114810
Ion	Ratio	Lower	Upper
69	100		
41	63.4	51.0	76.4
39	30.6	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: 20.70 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

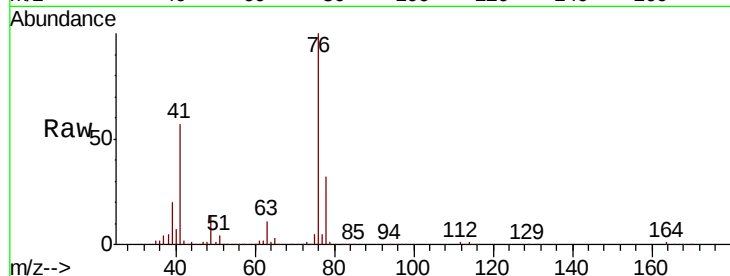
VX0907WBSD02

Tot Ion: 76 Resp: 142356

Ion Ratio Lower Upper

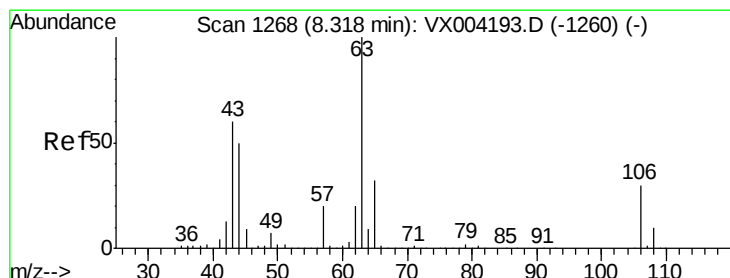
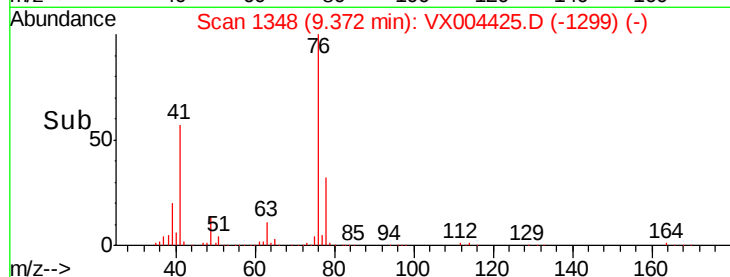
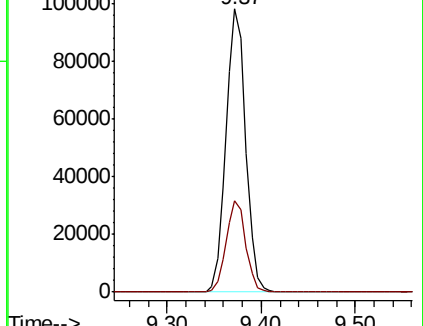
76 100

78 32.1 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 106.30 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX004425.D

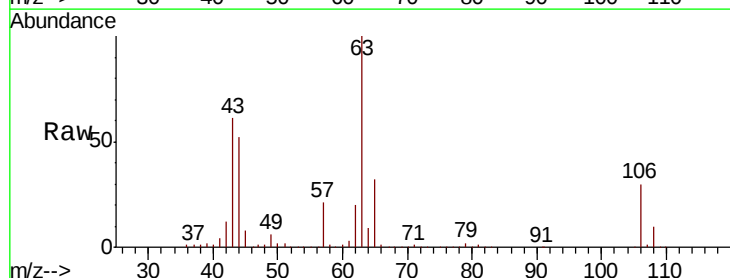
Acq: 08 Sep 2018 00:05

Tgt Ion: 63 Resp: 302435

Ion Ratio Lower Upper

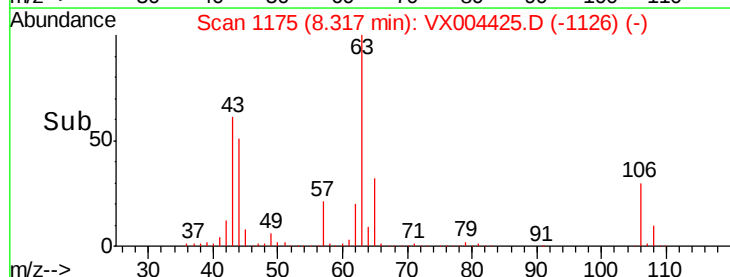
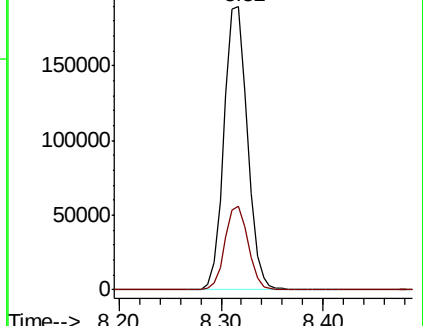
63 100

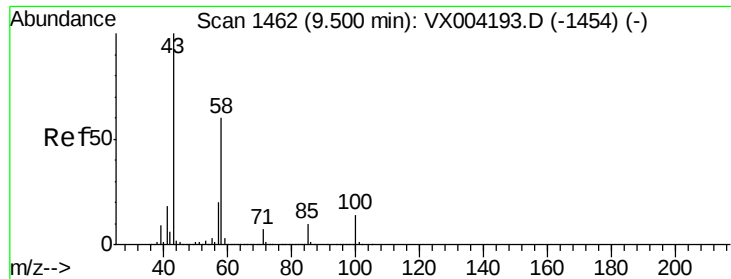
106 29.5 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

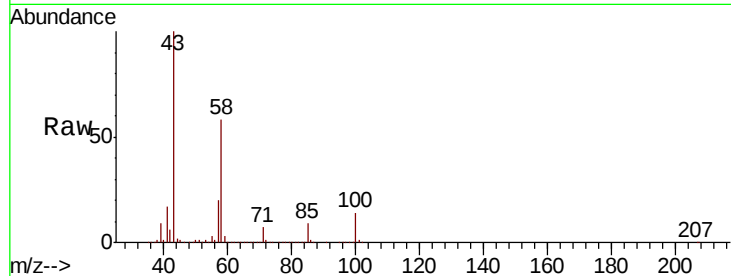




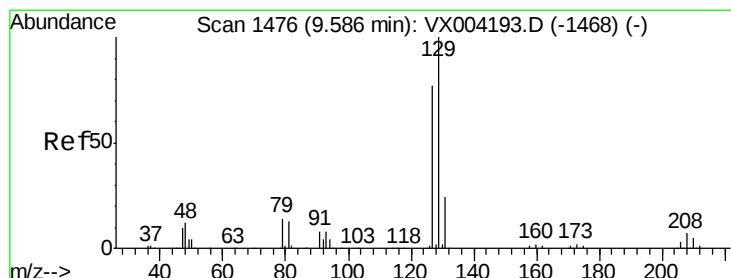
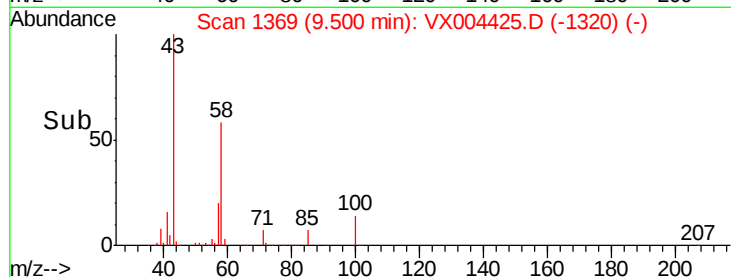
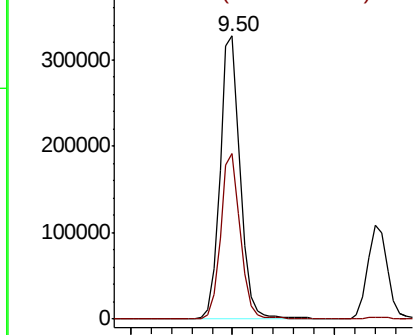
#59
2-Hexanone
Concen: 99.91 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion: 43 Resp: 452147
Ion Ratio Lower Upper
43 100
58 57.3 29.0 87.0

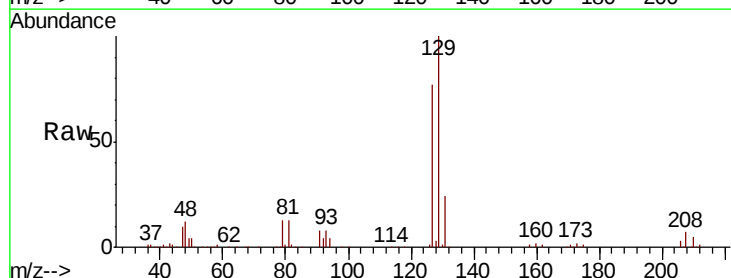


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

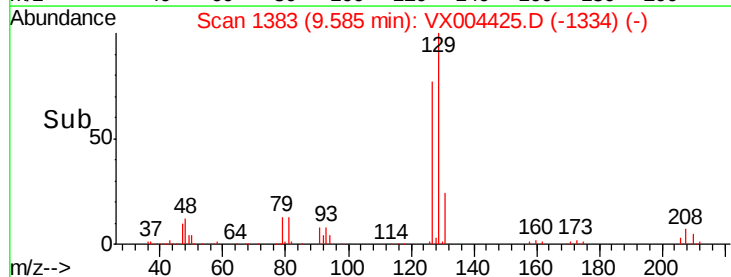
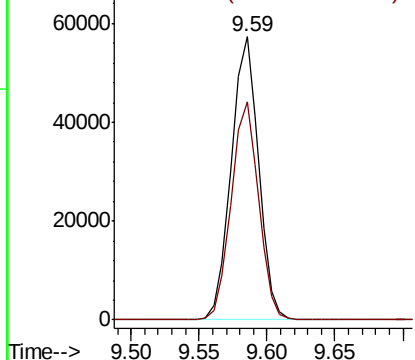


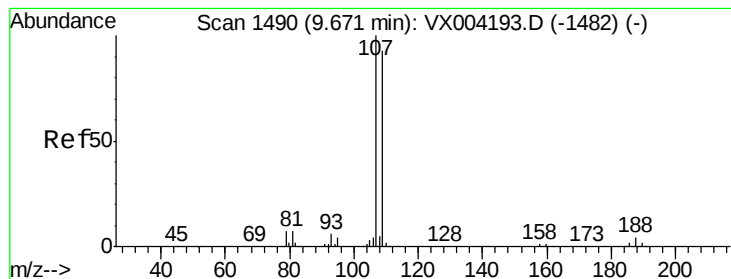
#60
Dibromochloromethane
Concen: 20.21 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion:129 Resp: 80312
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 20.24 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

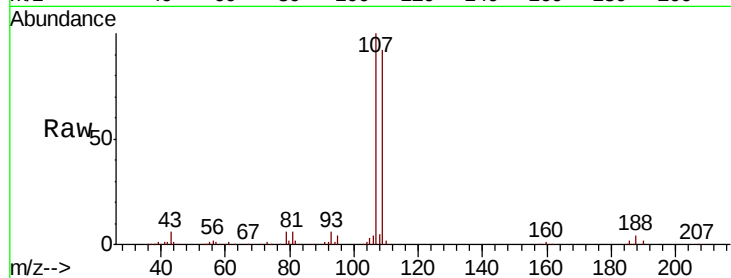
VX0907WBSD02

Tot Ion:107 Resp: 85455

Ion Ratio Lower Upper

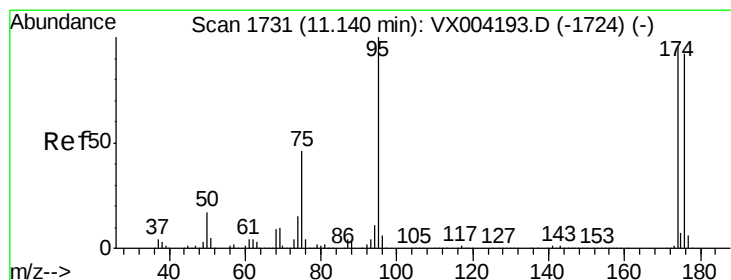
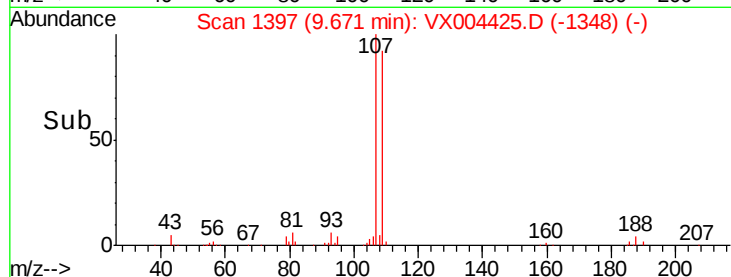
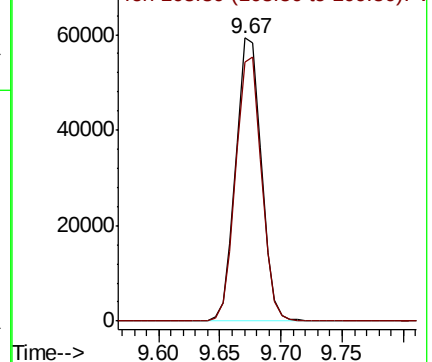
107 100

109 94.1 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: 49.92 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

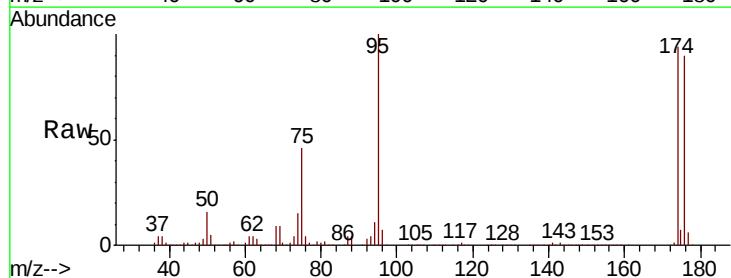
Tgt Ion: 95 Resp: 251365

Ion Ratio Lower Upper

95 100

174 91.0 0.0 185.2

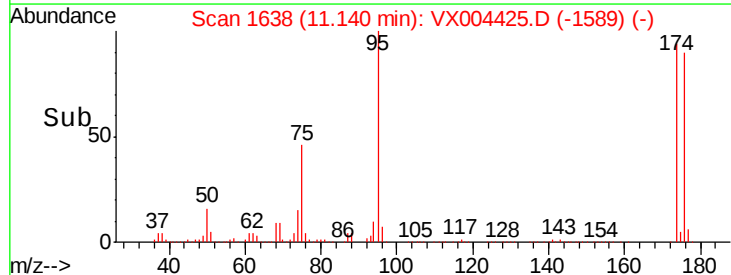
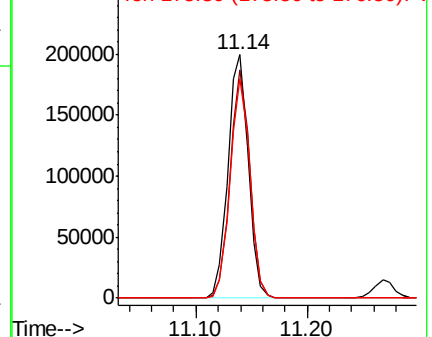
176 88.3 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

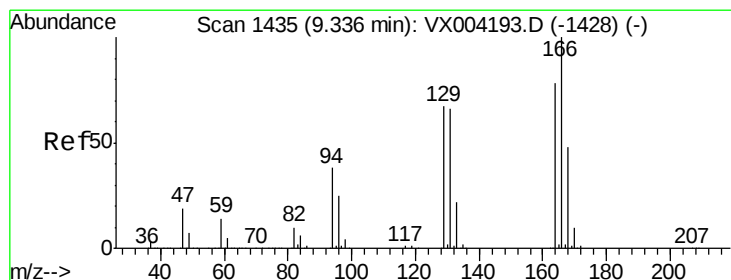
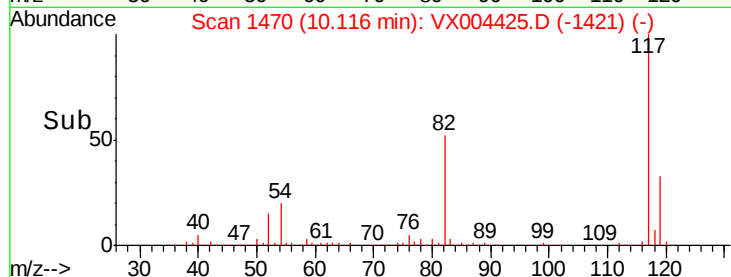
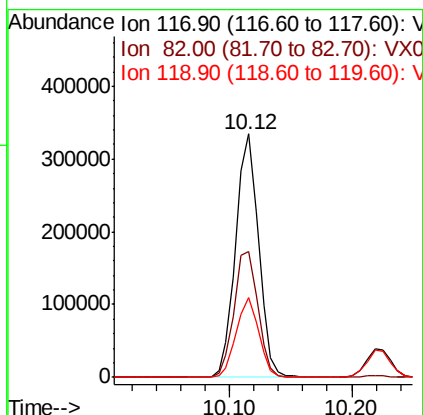
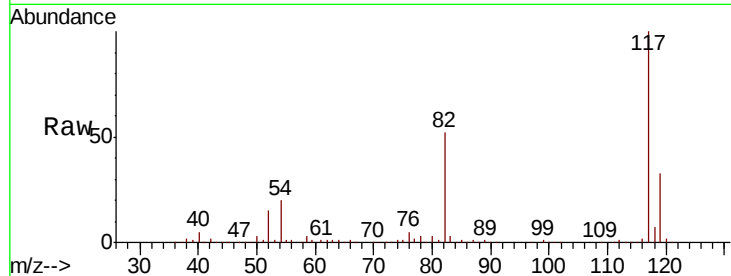




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

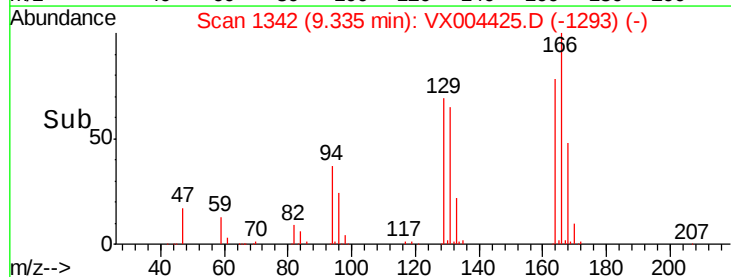
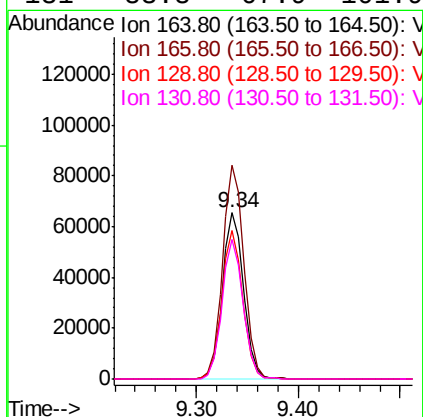
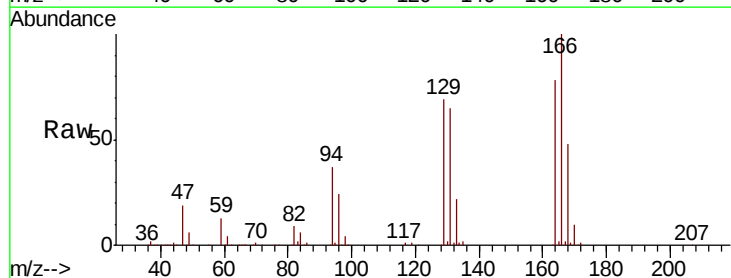
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion:117 Resp: 433400
Ion Ratio Lower Upper
117 100
82 51.9 47.8 71.6
119 32.8 29.3 43.9



#64
Tetrachloroethene
Concen: 22.12 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion:164 Resp: 94717
Ion Ratio Lower Upper
164 100
166 128.4 102.8 154.2
129 89.1 69.4 104.0
131 83.8 67.9 101.9

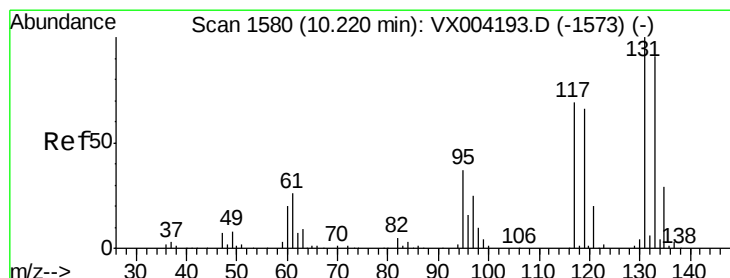
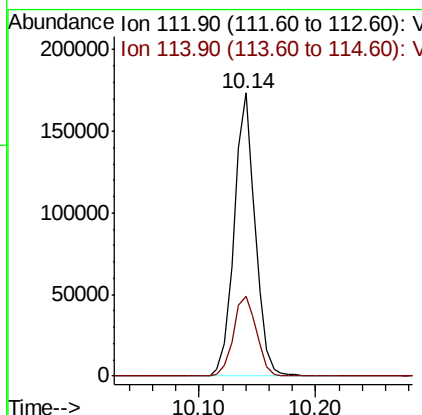
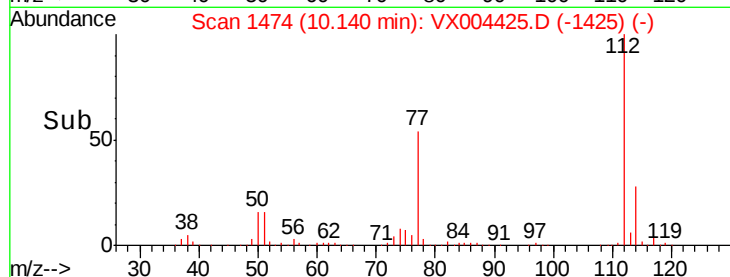
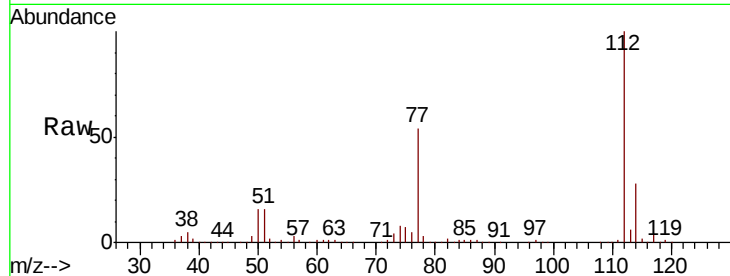




#65
Chlorobenzene
Concen: 20.00 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

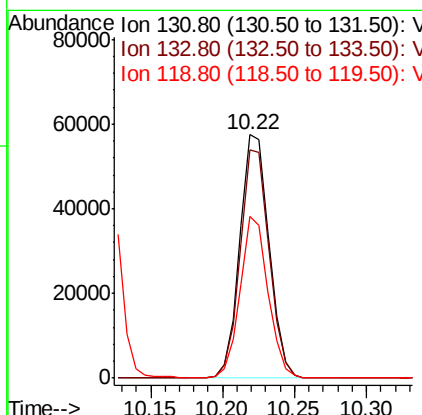
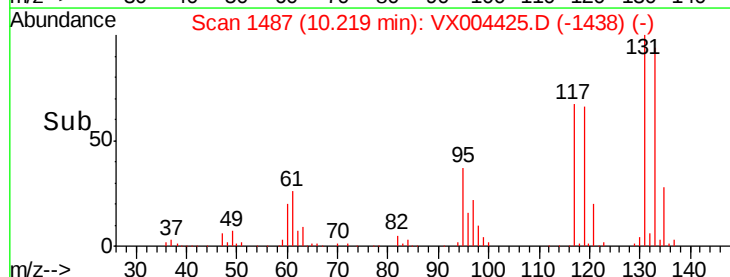
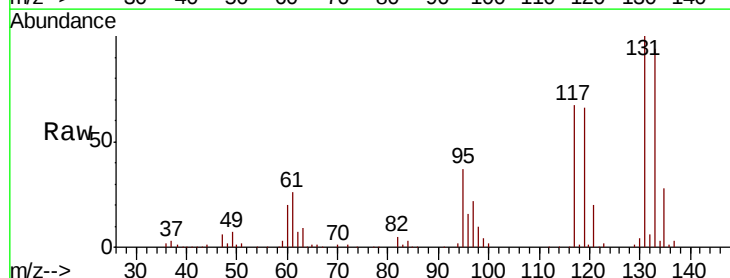
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

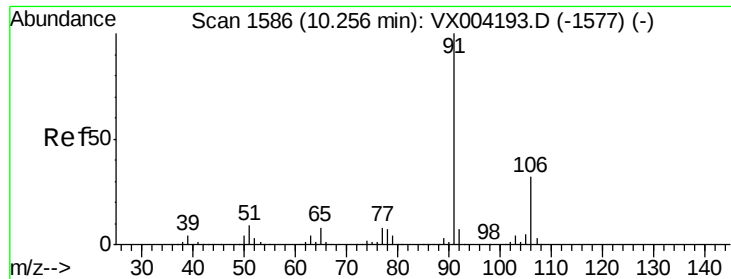
Tot Ion:112 Resp: 217554
Ion Ratio Lower Upper
112 100
114 28.3 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.60 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion:131 Resp: 81044
Ion Ratio Lower Upper
131 100
133 93.1 48.1 144.4
119 63.5 32.9 98.6

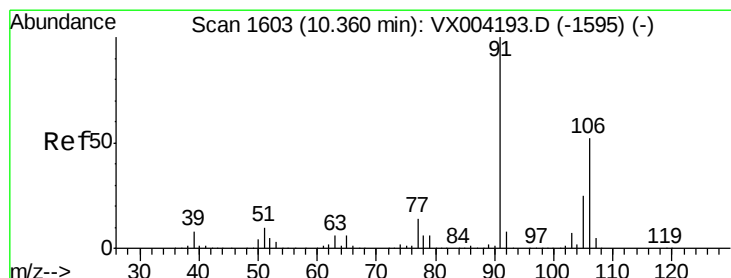
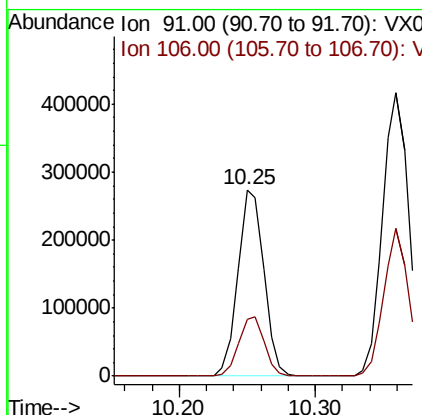
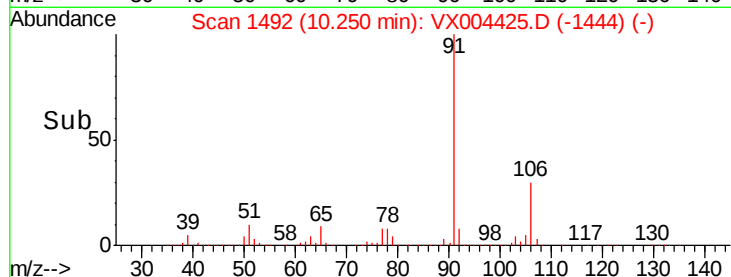
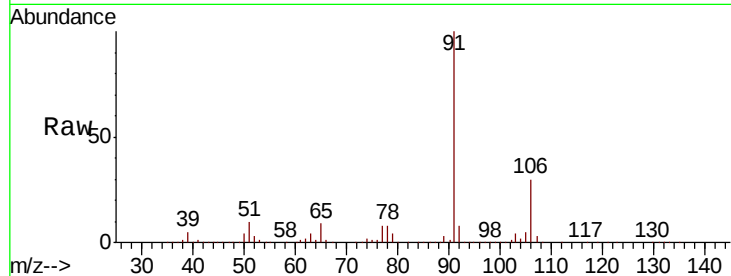




#67
Ethyl Benzene
Concen: 20.69 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

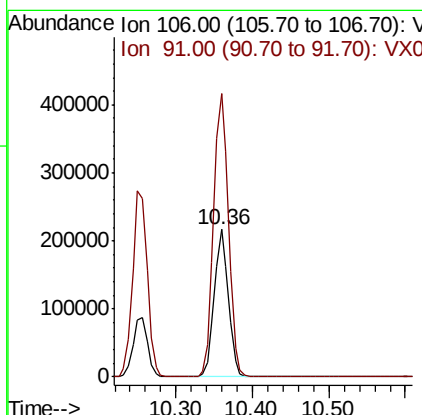
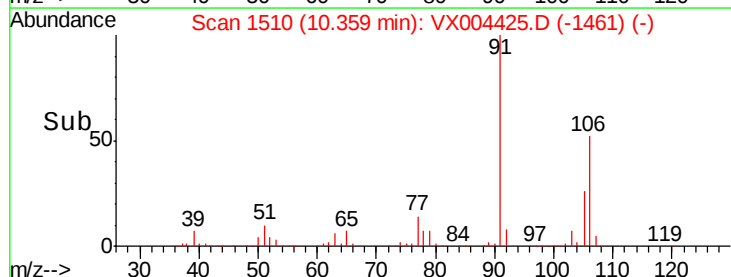
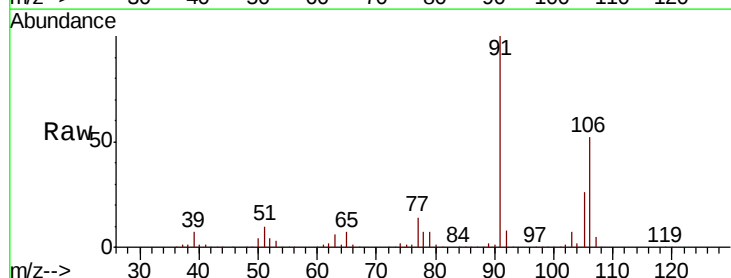
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

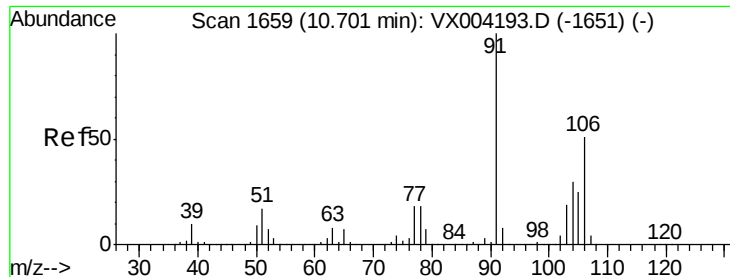
Tot Ion: 91 Resp: 365432
Ion Ratio Lower Upper
91 100
106 30.4 25.9 38.9



#68
m/p-Xylenes
Concen: 40.22 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion: 106 Resp: 277805
Ion Ratio Lower Upper
106 100
91 202.5 157.1 235.7

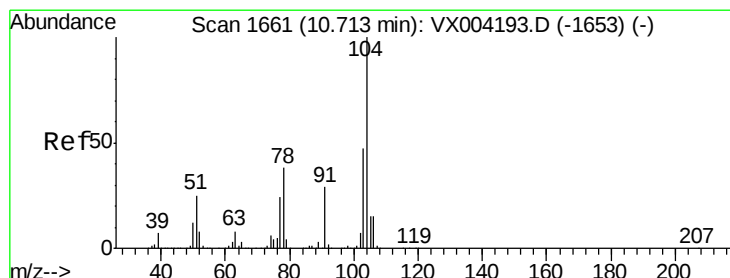
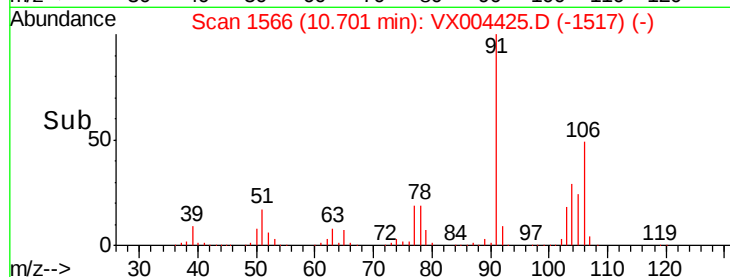
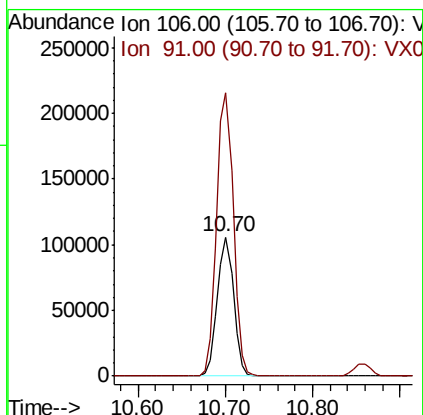
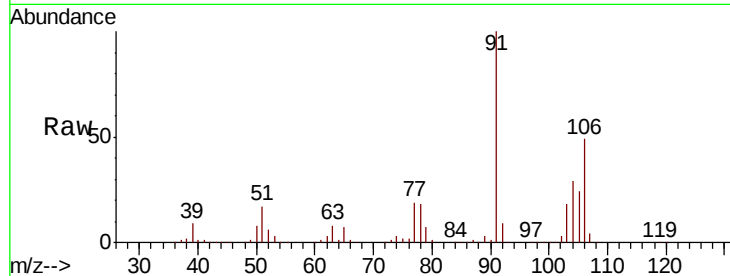




#69
o-Xylene
Concen: 20.94 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

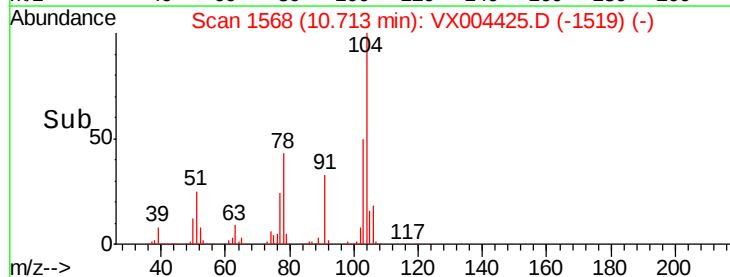
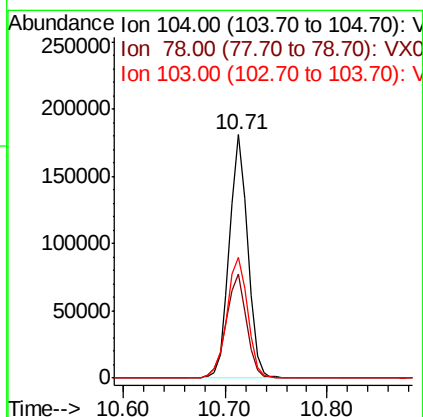
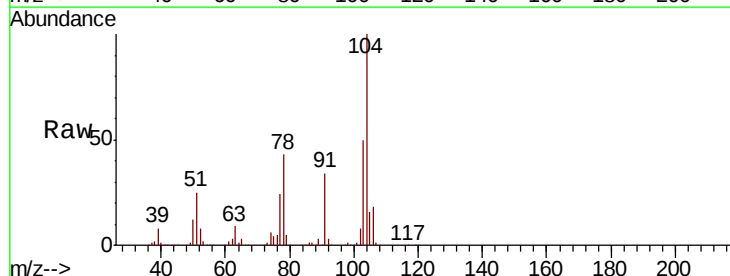
Instrument :
MSVOA_X
ClientSampled :
VX0907WBSD02

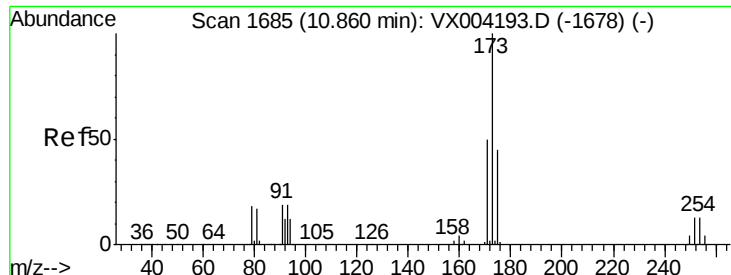
Tot Ion:106 Resp: 136806
Ion Ratio Lower Upper
106 100
91 208.7 105.1 315.1



#70
Styrene
Concen: 21.31 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion:104 Resp: 225445
Ion Ratio Lower Upper
104 100
78 47.3 37.4 56.0
103 56.3 43.8 65.6

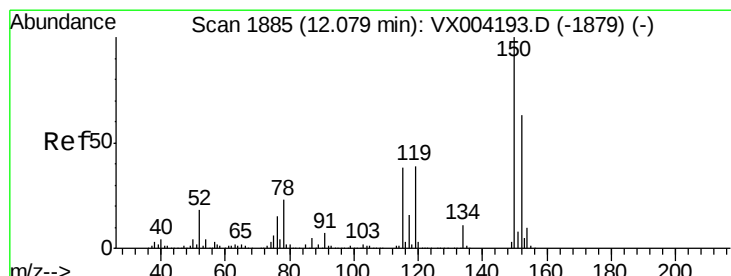
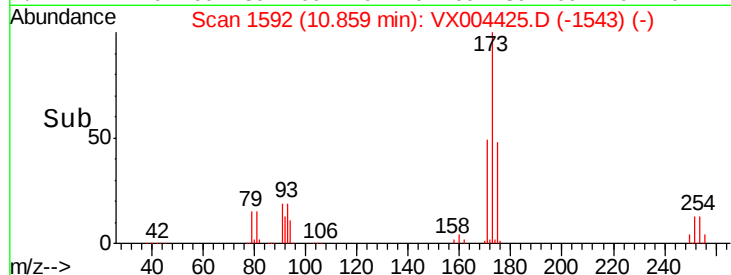
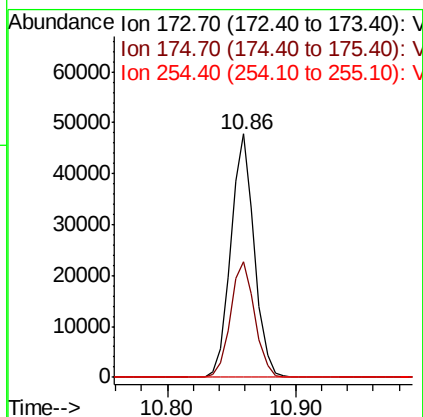
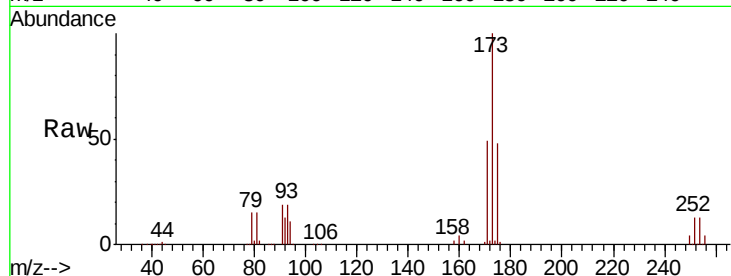




#71
Bromoform
Concen: 20.13 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

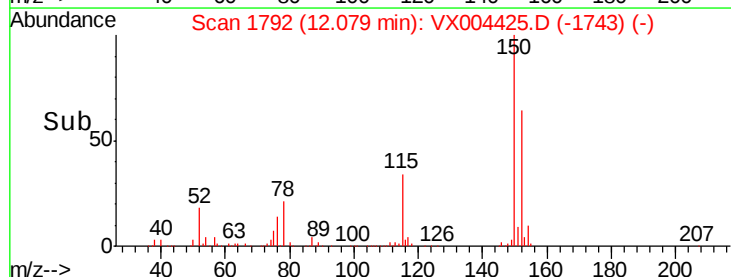
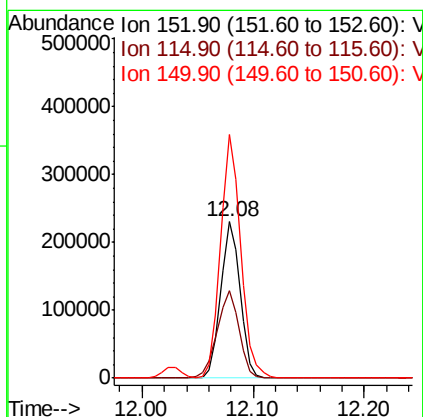
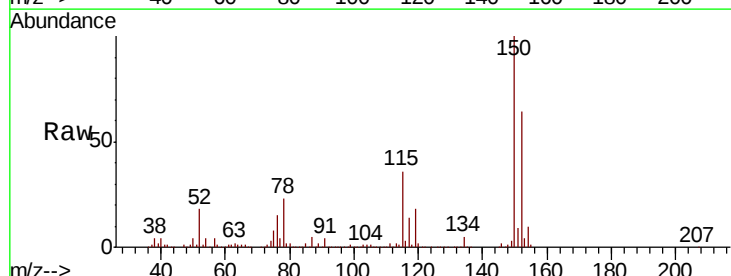
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion:173 Resp: 60875
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.3
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion:152 Resp: 277949
Ion Ratio Lower Upper
152 100
115 63.1 39.0 117.0
150 162.3 0.0 351.0





#73

Isopropylbenzene

Concen: 21.17 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

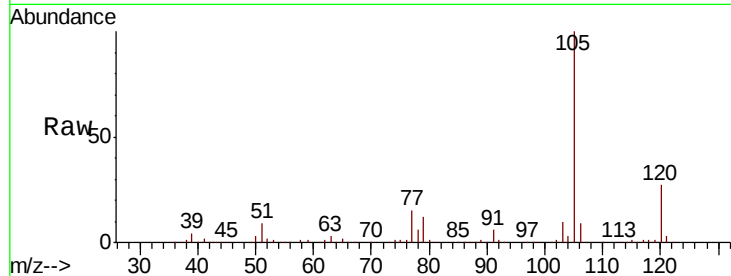
VX0907WBSD02

Tot Ion:105 Resp: 386548

Ion Ratio Lower Upper

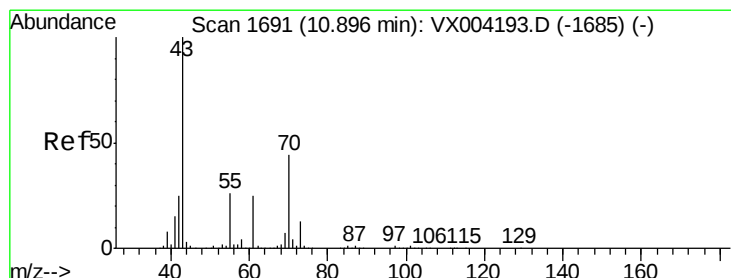
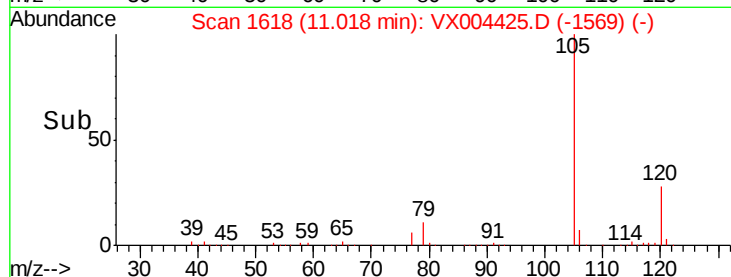
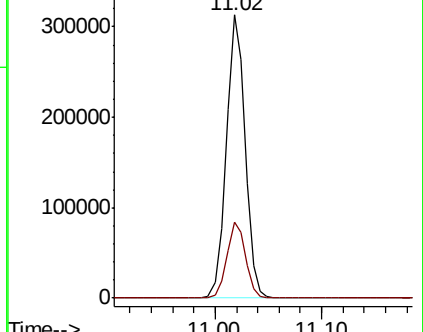
105 100

120 26.9 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: 19.99 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Tgt Ion: 43 Resp: 140513

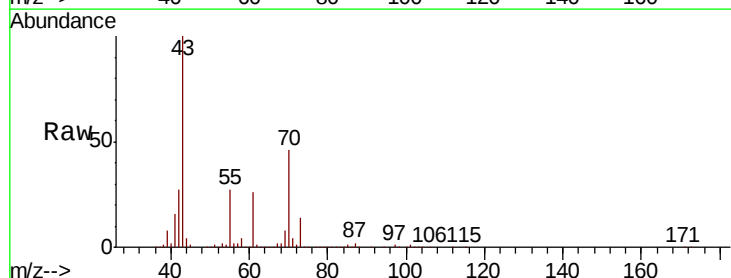
Ion Ratio Lower Upper

43 100

70 45.9 37.4 56.0

55 28.2 21.8 32.8

61 25.9 20.6 30.8

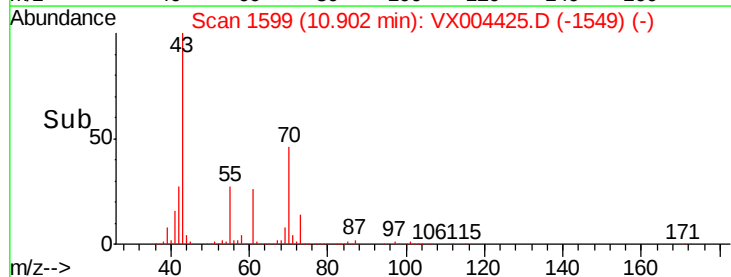
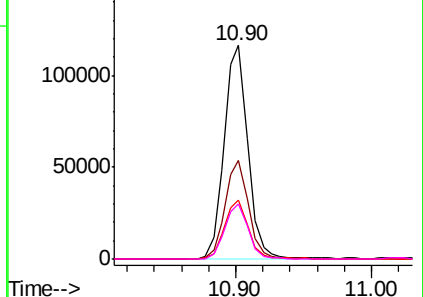


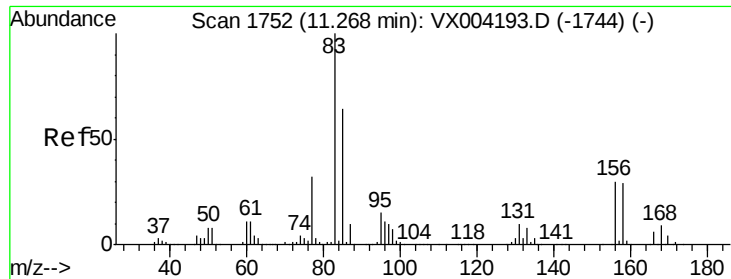
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.07 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampled :

VX0907WBSD02

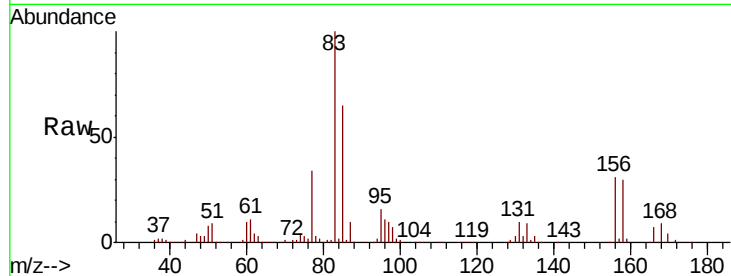
Tot Ion: 83 Resp: 128219

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

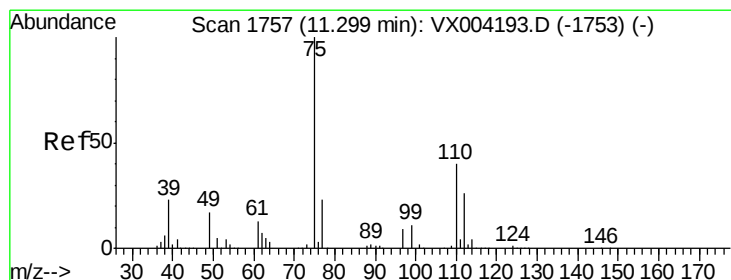
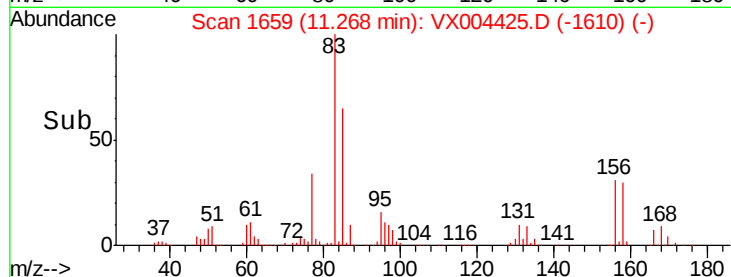
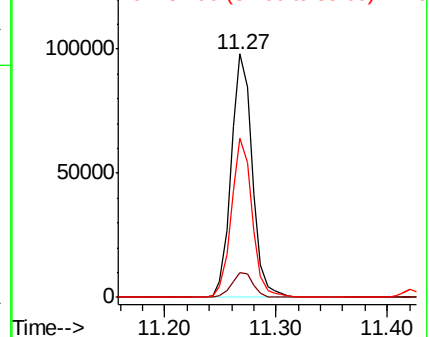
85 64.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.47 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004425.D

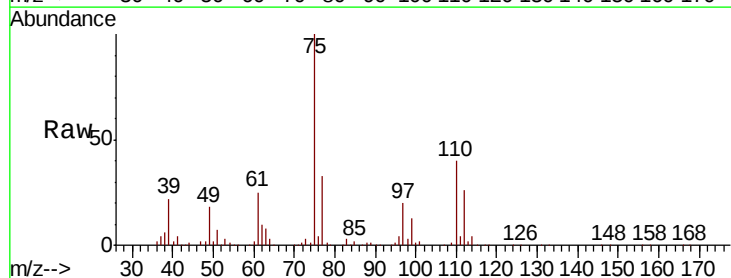
Acq: 08 Sep 2018 00:05

Tgt Ion: 75 Resp: 138318

Ion Ratio Lower Upper

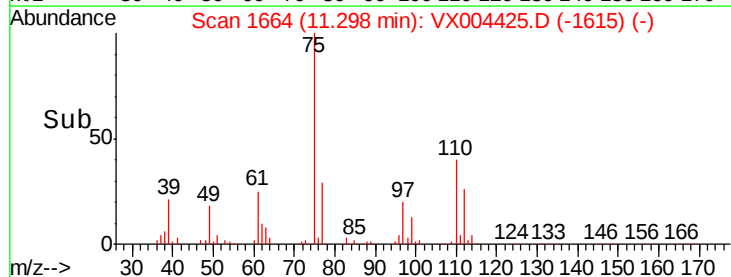
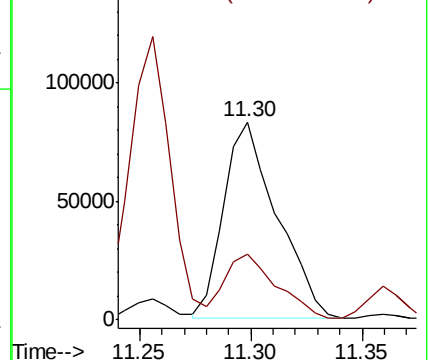
75 100

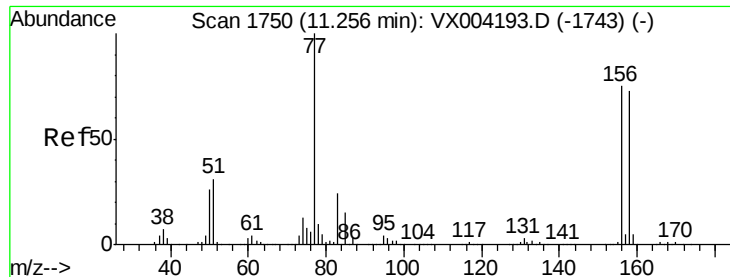
77 32.8 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.16 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD02

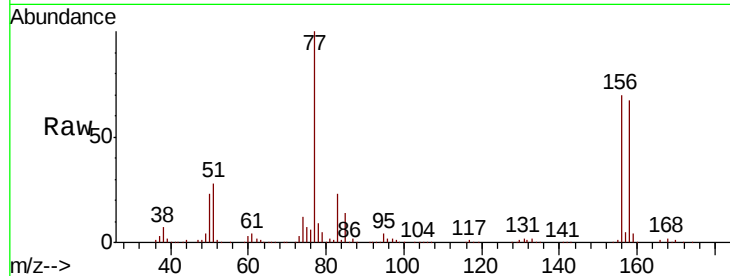
Tot Ion:156 Resp: 103217

Ion Ratio Lower Upper

156 100

77 147.6 71.5 214.3

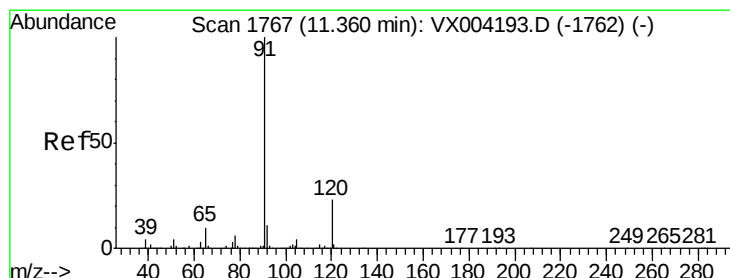
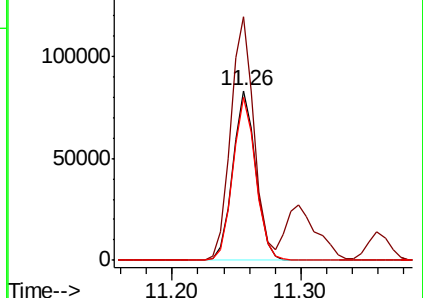
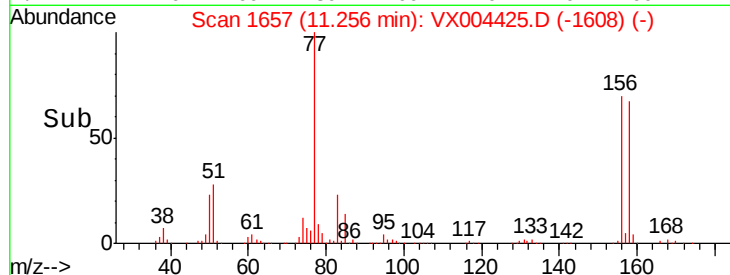
158 96.9 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.76 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004425.D

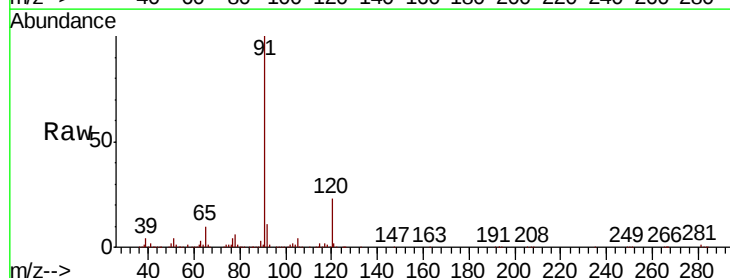
Acq: 08 Sep 2018 00:05

Tgt Ion: 91 Resp: 435867

Ion Ratio Lower Upper

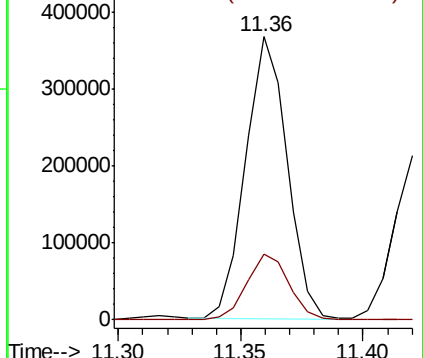
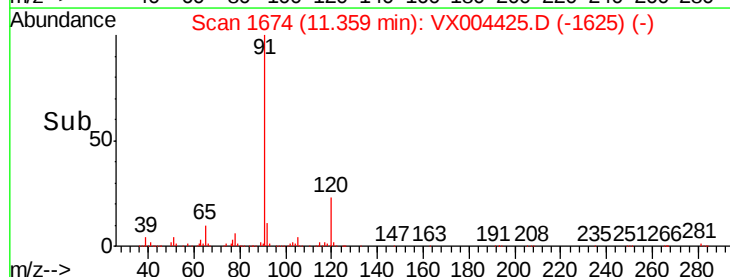
91 100

120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.43 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

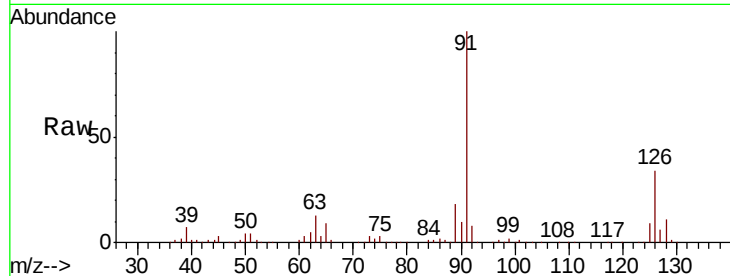
VX0907WBSD02

Tot Ion: 91 Resp: 264075

Ion Ratio Lower Upper

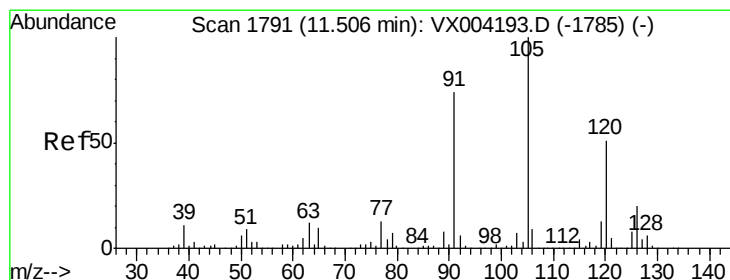
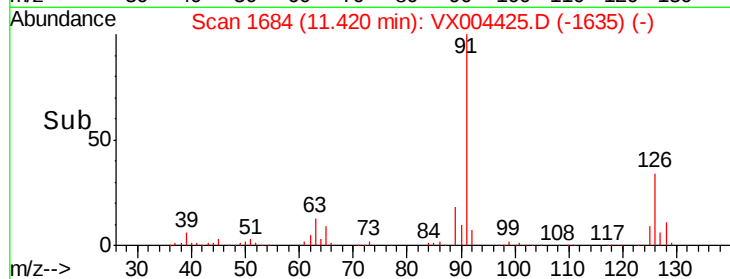
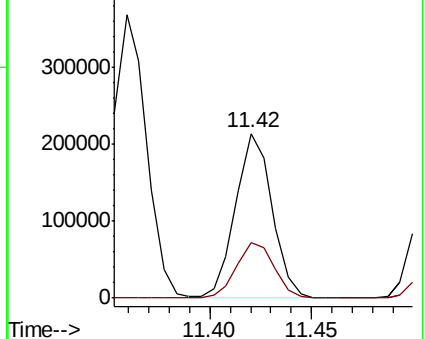
91 100

126 35.1 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.00 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004425.D

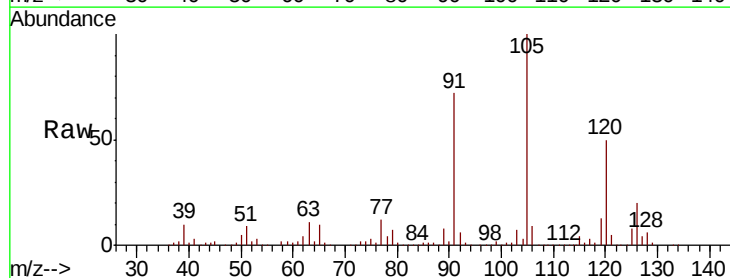
Acq: 08 Sep 2018 00:05

Tgt Ion:105 Resp: 317441

Ion Ratio Lower Upper

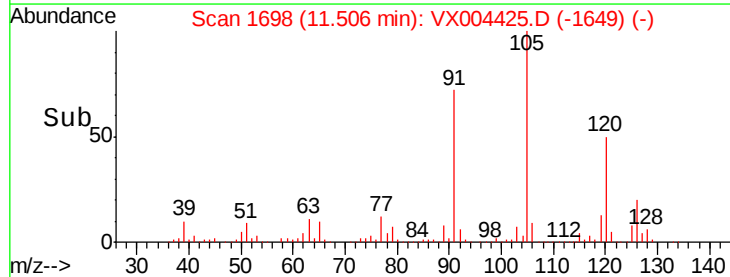
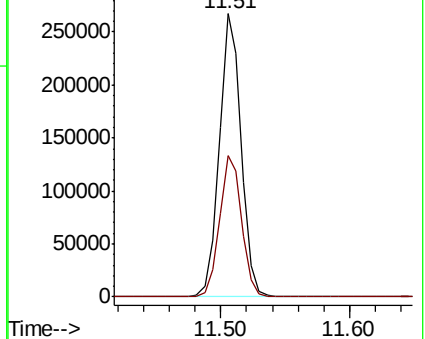
105 100

120 50.6 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.39 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD02

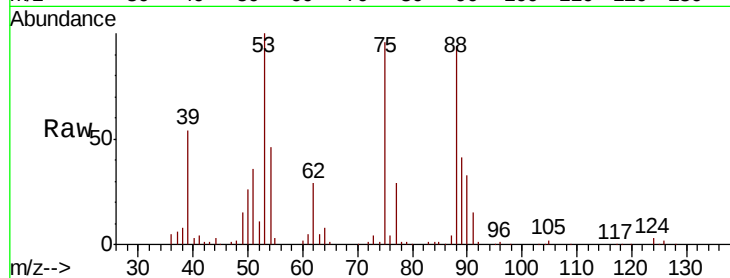
Tot Ion: 75 Resp: 30296

Ion Ratio Lower Upper

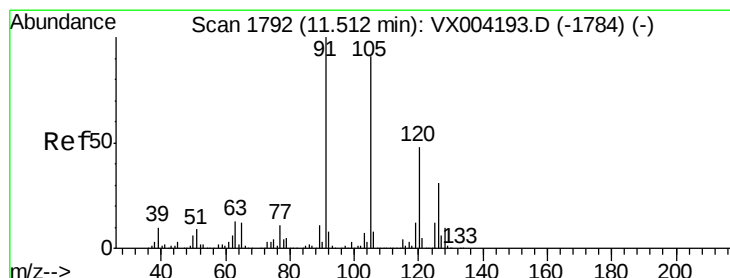
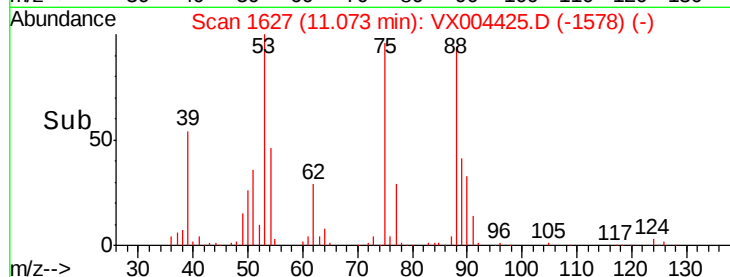
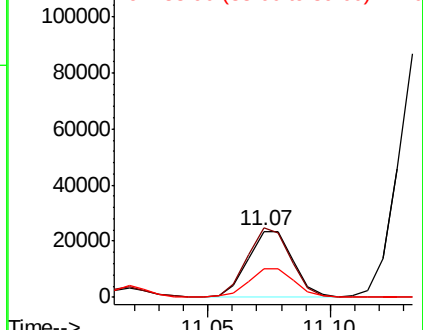
75 100

53 101.7 80.1 120.1

89 44.0 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: 20.18 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004425.D

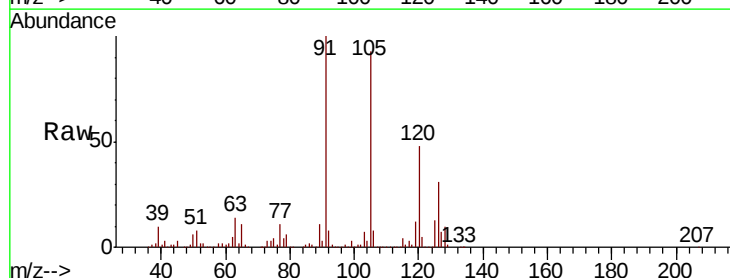
Acq: 08 Sep 2018 00:05

Tgt Ion: 91 Resp: 306890

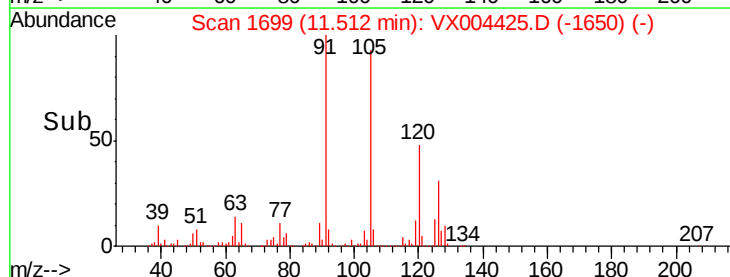
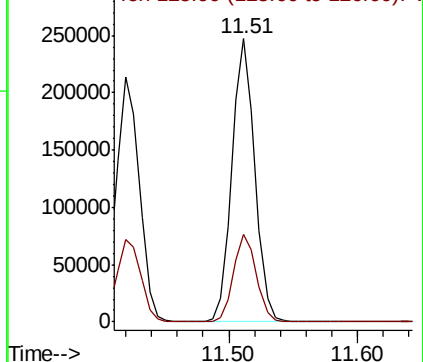
Ion Ratio Lower Upper

91 100

126 30.8 15.5 46.5



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

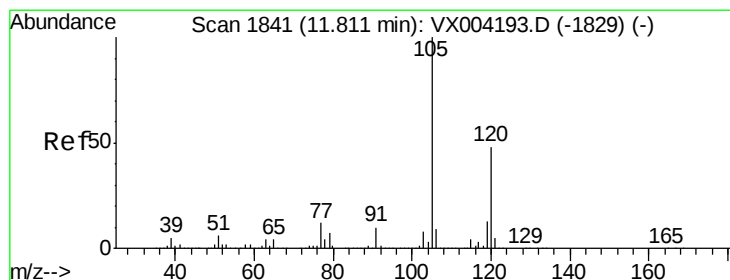
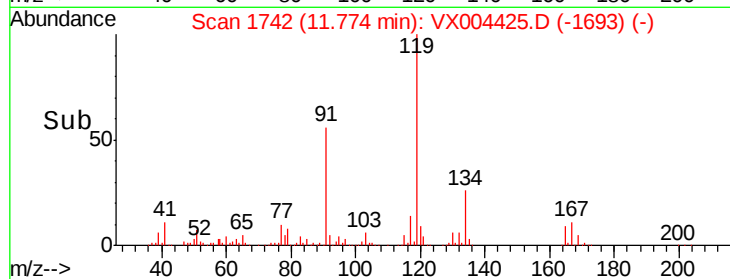
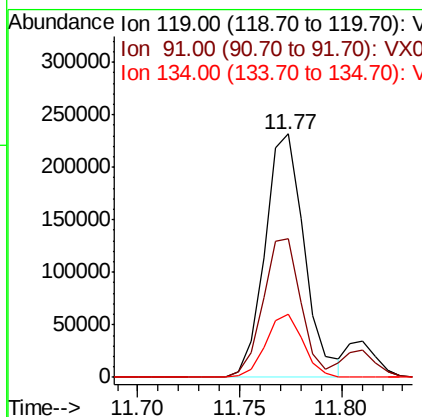
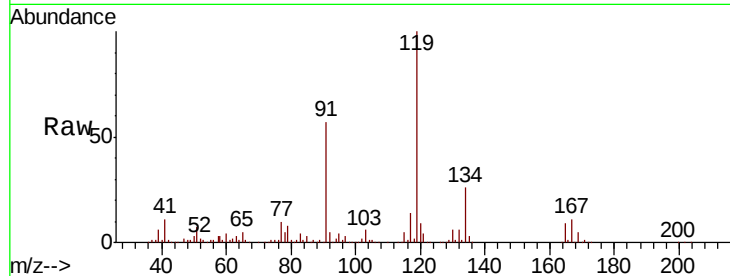




#83
 tert-Butylbenzene
 Concen: 20.50 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

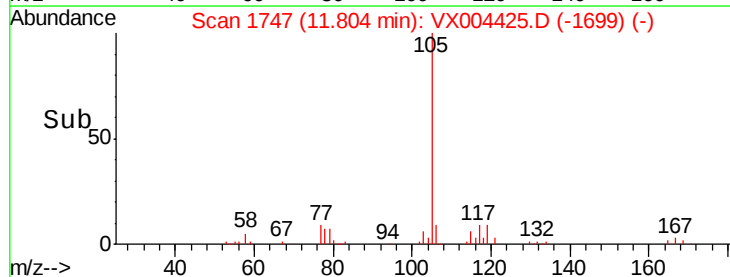
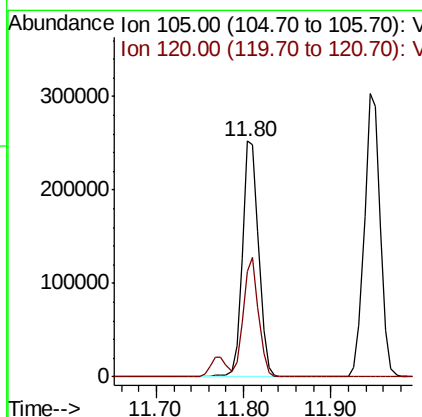
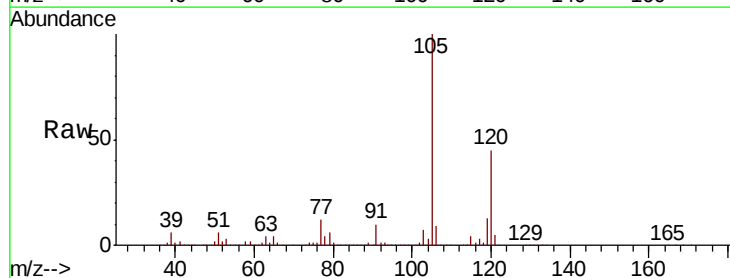
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD02

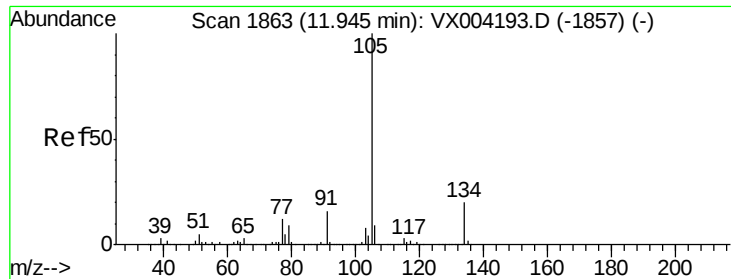
Tot Ion:119 Resp: 311760
 Ion Ratio Lower Upper
 119 100
 91 54.8 27.0 81.0
 134 24.4 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.04 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Tgt Ion:105 Resp: 326497
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.27 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

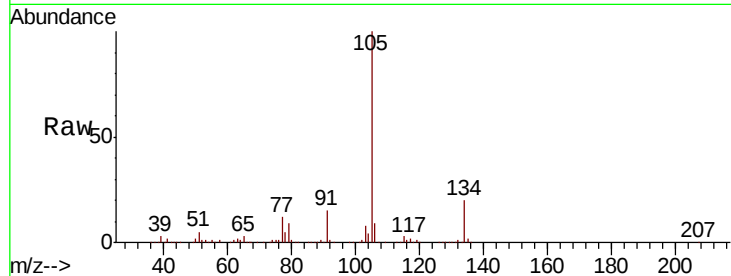
VX0907WBSD02

Tot Ion:105 Resp: 384166

Ion Ratio Lower Upper

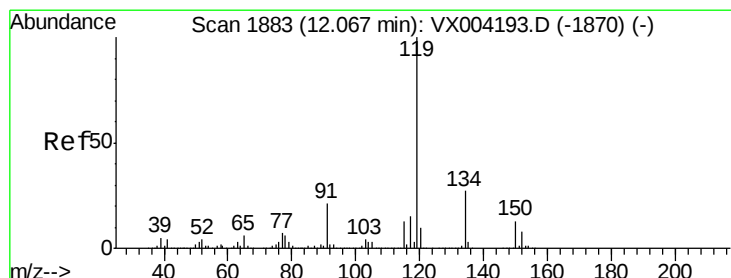
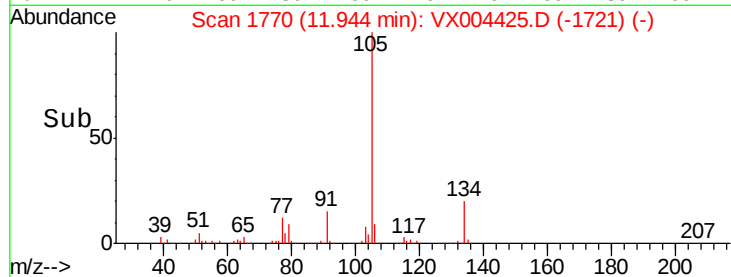
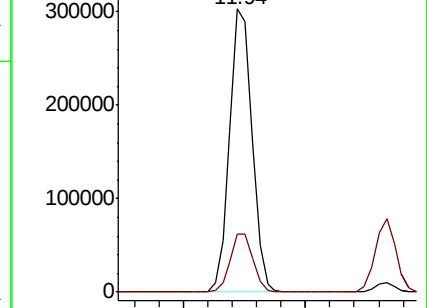
105 100

134 20.9 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.13 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

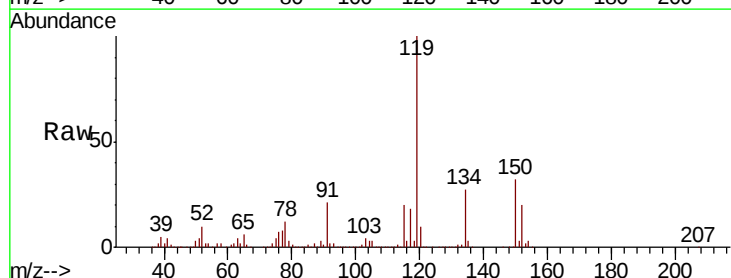
Tgt Ion:119 Resp: 341988

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

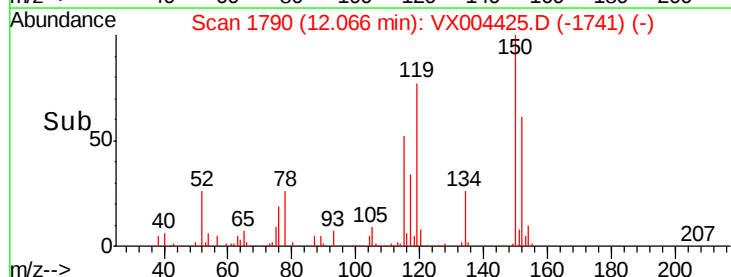
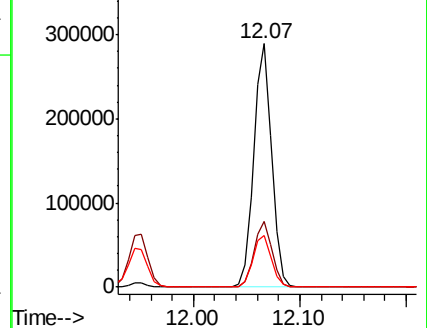
91 21.9 10.9 32.7

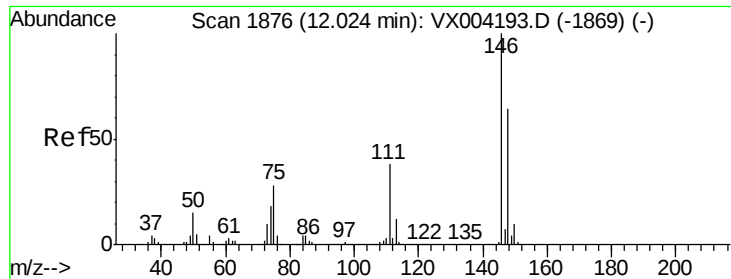


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.90 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD02

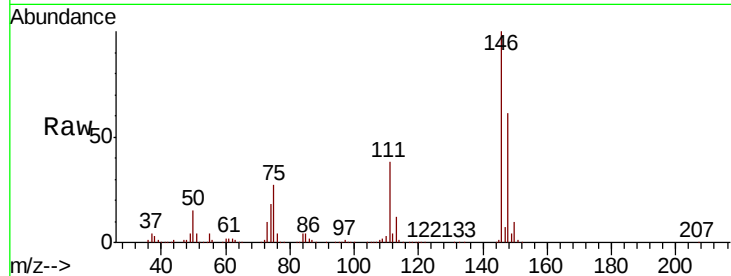
Tot Ion:146 Resp: 191876

Ion Ratio Lower Upper

146 100

111 37.2 18.7 56.1

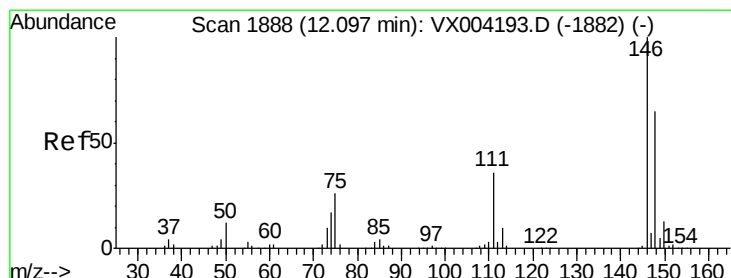
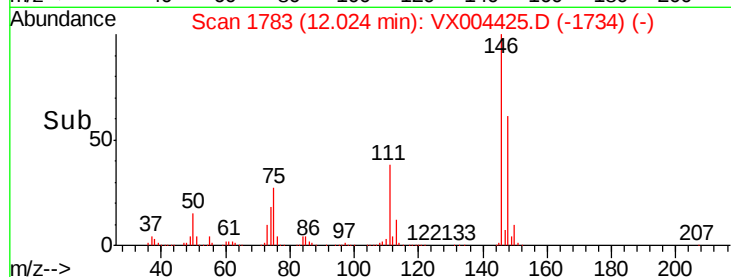
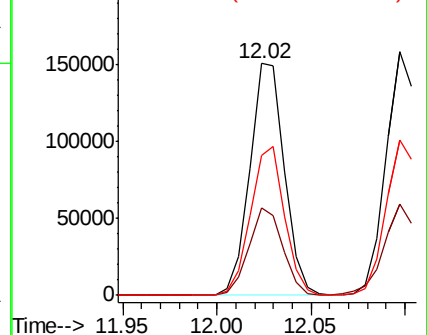
148 63.1 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.05 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

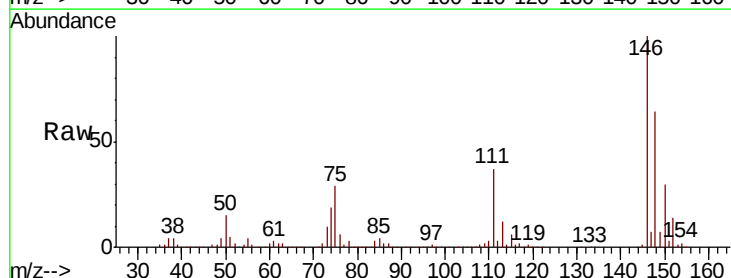
Tgt Ion:146 Resp: 193649

Ion Ratio Lower Upper

146 100

111 37.7 18.1 54.1

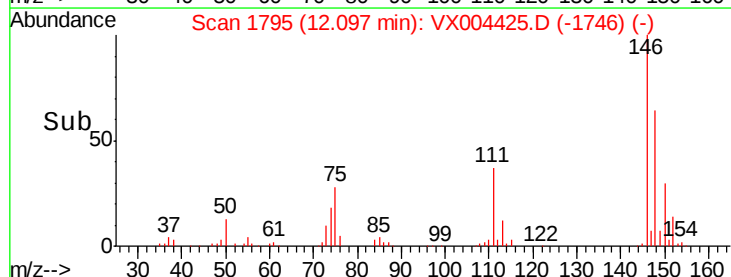
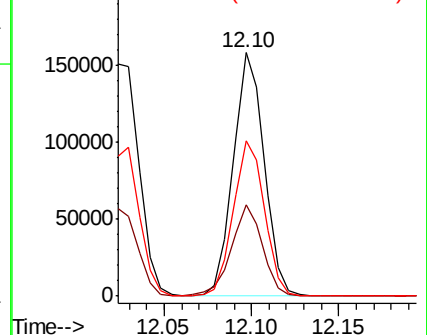
148 64.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

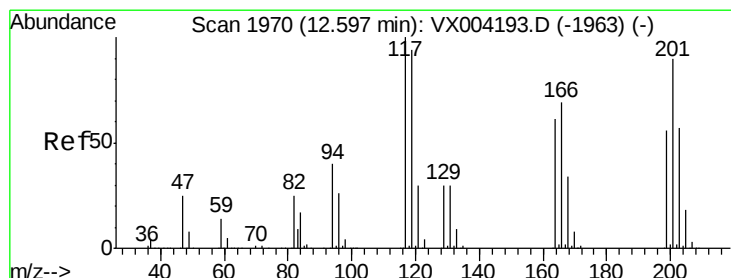
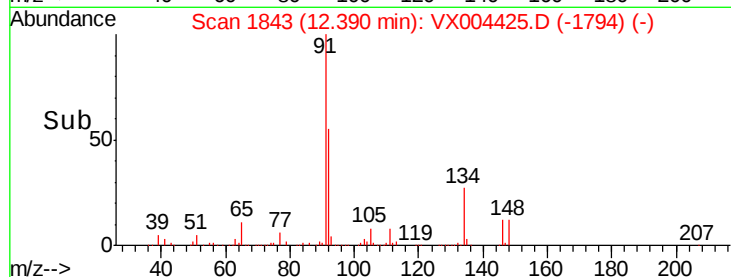
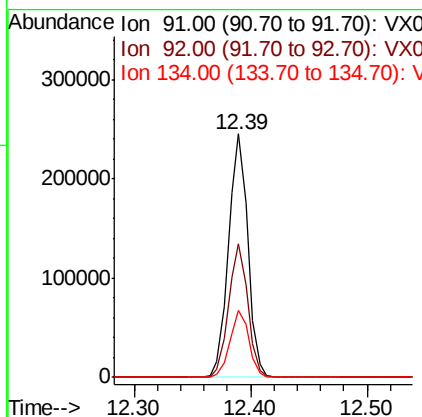
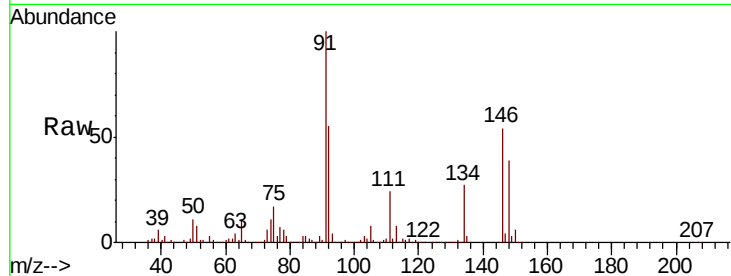




#89
n-Butylbenzene
Concen: 21.46 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

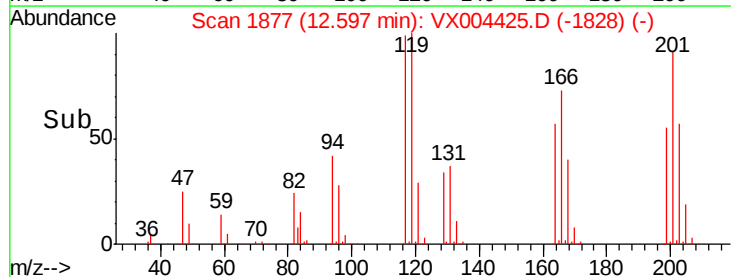
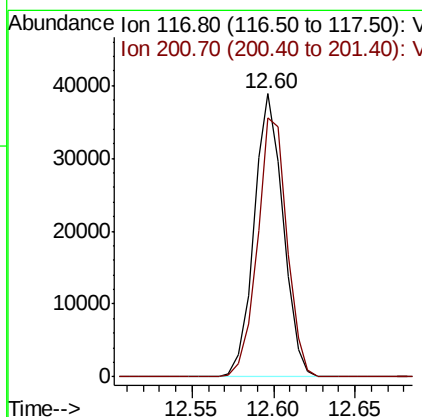
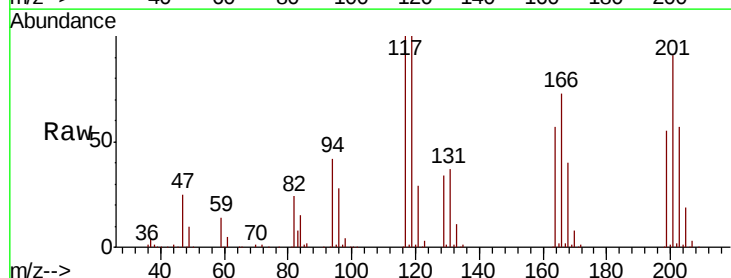
Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

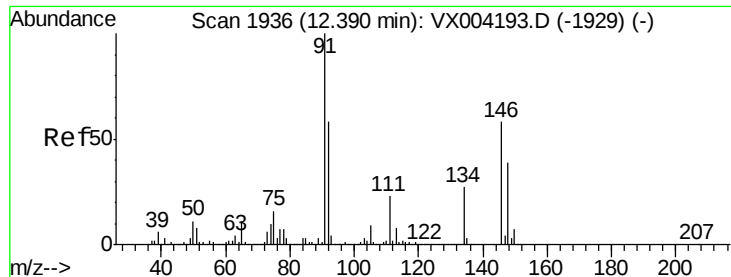
Tot Ion: 91 Resp: 282391
Ion Ratio Lower Upper
91 100
92 54.3 27.3 81.9
134 26.9 13.6 40.7



#90
Hexachloroethane
Concen: 21.28 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion: 117 Resp: 48146
Ion Ratio Lower Upper
117 100
201 93.1 46.9 140.6

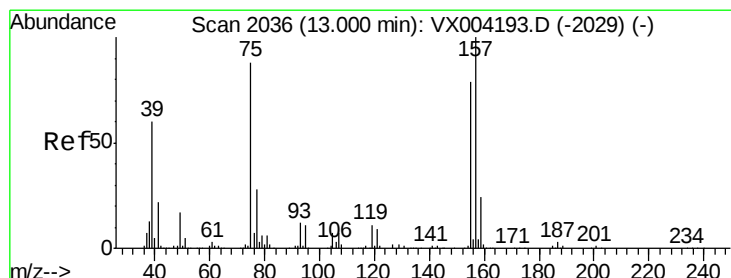
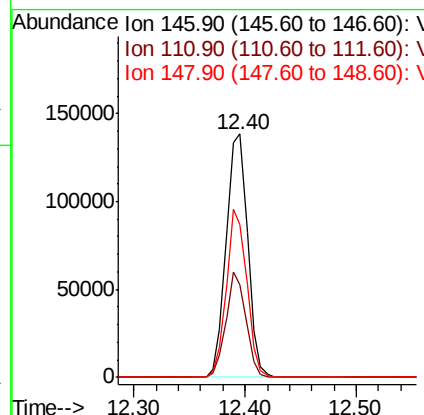
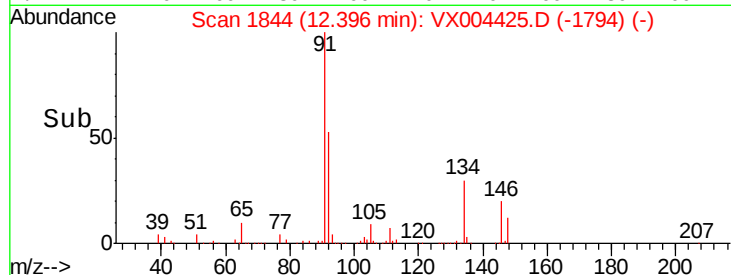
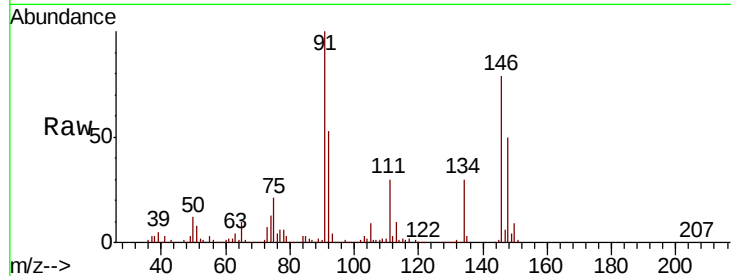




#91
 1,2-Dichlorobenzene
 Concen: 21.00 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

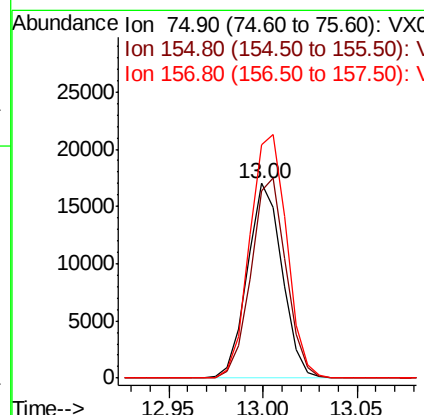
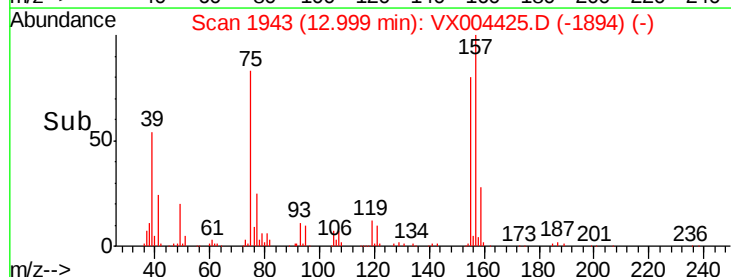
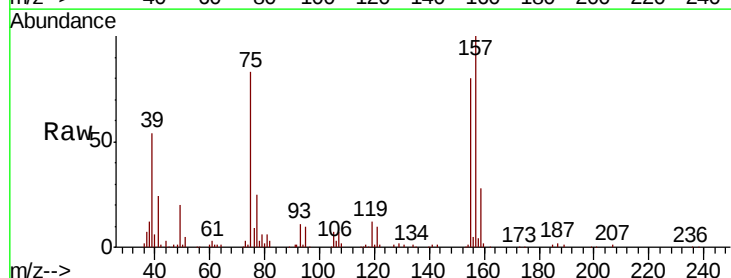
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD02

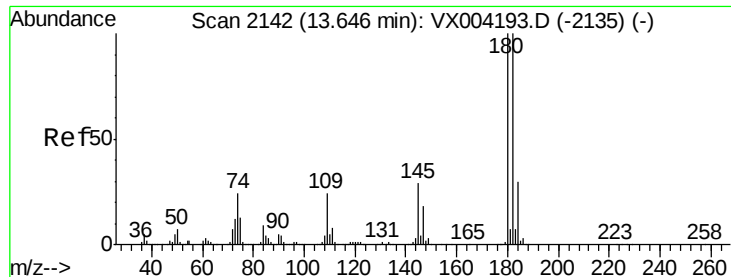
Tot Ion:146 Resp: 185082
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.4 58.1
 148 65.5 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.38 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Tgt Ion: 75 Resp: 21804
 Ion Ratio Lower Upper
 75 100
 155 102.9 48.0 144.2
 157 132.4 61.4 184.1

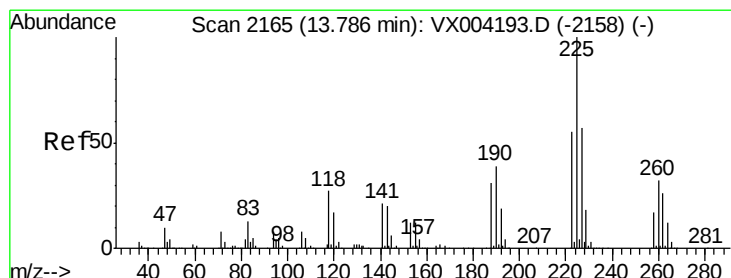
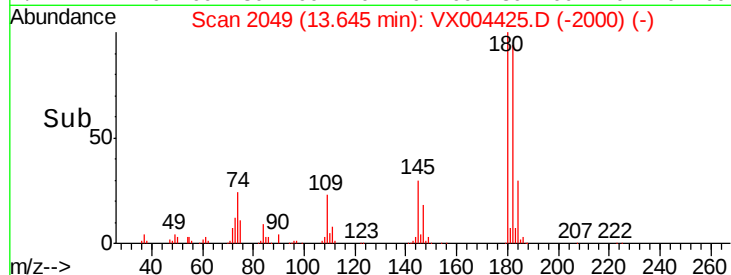
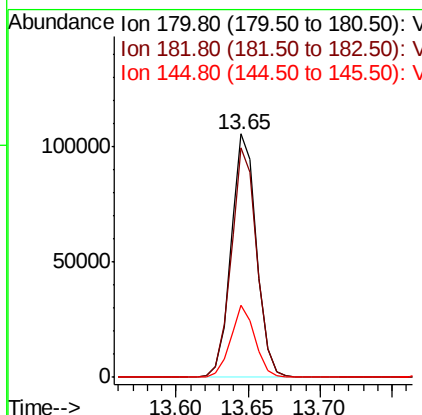
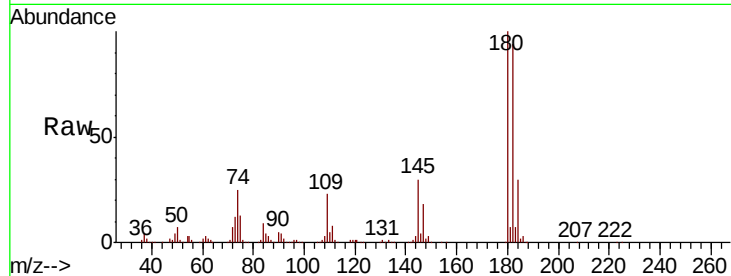




#93
 1,2,4-Trichlorobenzene
 Concen: 20.24 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

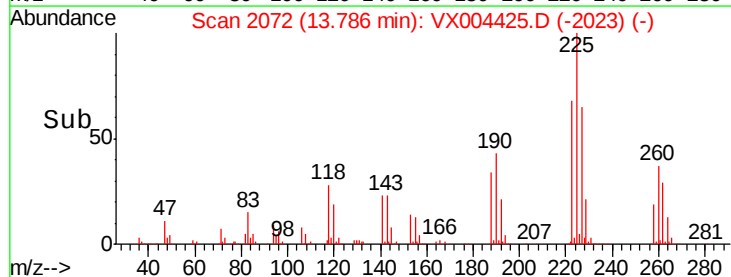
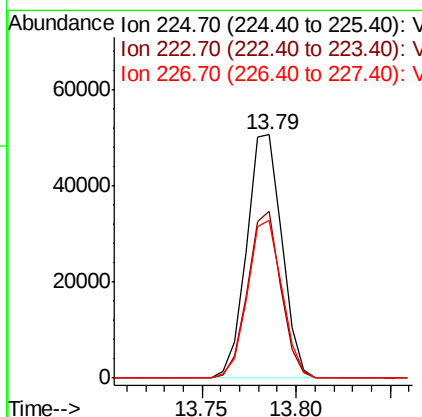
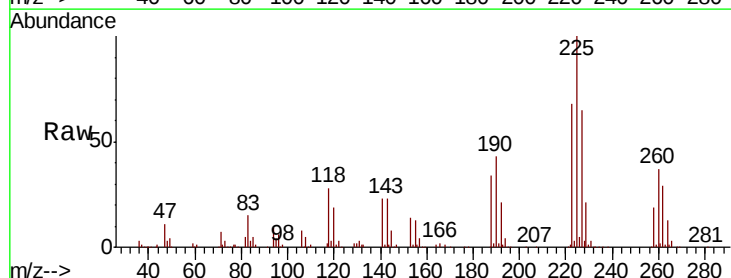
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD02

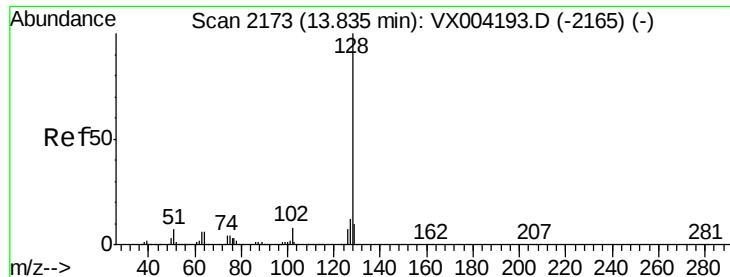
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.4	145.0
145	28.3	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 21.96 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	30.1	90.5
227	63.3	30.8	92.4





#95

Naphthalene

Concen: 22.01 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD02

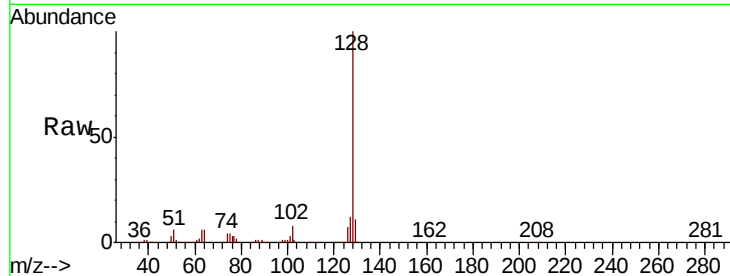
Tot Ion:128 Resp: 399192

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

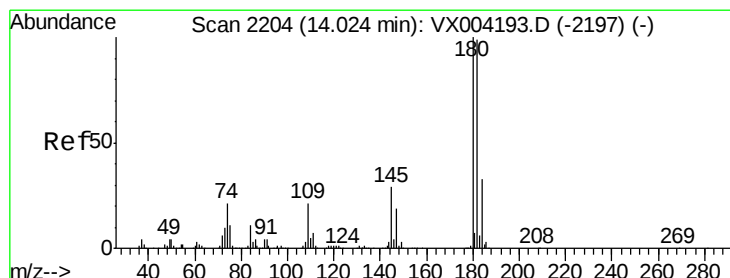
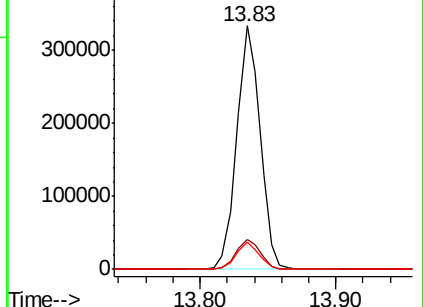
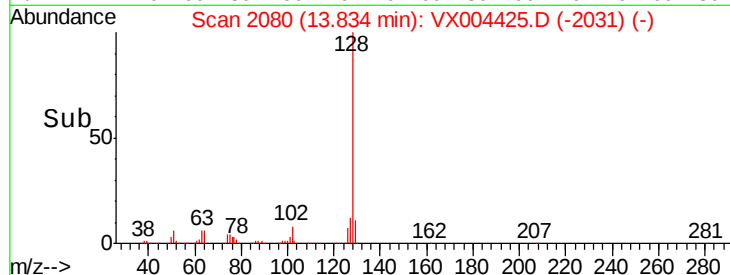
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.91 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

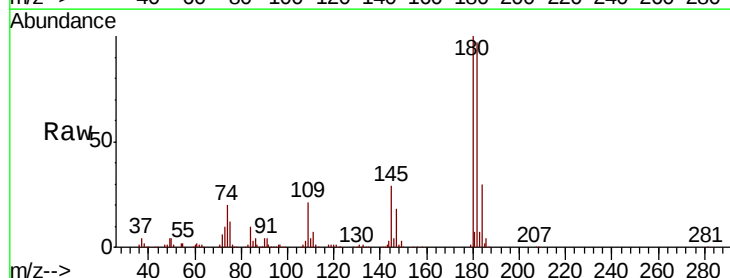
Tgt Ion:180 Resp: 141896

Ion Ratio Lower Upper

180 100

182 96.3 48.5 145.6

145 29.3 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

