

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX101018\
 Data File : VX005248.D
 Acq On : 11 Oct 2018 11:40
 Operator : JC/MD
 Sample : VU1010WBS07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VU1010WBS07

Quant Time: Oct 11 12:50:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	158684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268505	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	267236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145928	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	140025	61.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.54%	
35) Dibromofluoromethane	5.50	113	111183	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	8.72	98	380139	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	11.14	95	146612	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	32061	14.82	ug/l	98
3) Chloromethane	1.32	50	50568	19.26	ug/l	99
4) Vinyl Chloride	1.40	62	44539	18.09	ug/l	98
5) Bromomethane	1.64	94	29229	20.02	ug/l	97
6) Chloroethane	1.71	64	31034	21.82	ug/l	96
7) Trichlorofluoromethane	1.92	101	53047	17.40	ug/l	97
8) Diethyl Ether	2.19	74	28534	21.55	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	25787	14.85	ug/l	98
10) Methyl Iodide	2.51	142	40991	17.64	ug/l	91
11) Tert butyl alcohol	3.07	59	74276	117.19	ug/l	100
12) 1,1-Dichloroethene	2.37	96	30170	17.55	ug/l	95
13) Acrolein	2.29	56	38975	86.43	ug/l	93
14) Allyl chloride	2.73	41	80780	21.53	ug/l	95
15) Acrylonitrile	3.15	53	166509	119.34	ug/l	95
16) Acetone	2.45	43	165946	125.39	ug/l	96
17) Carbon Disulfide	2.57	76	84520	16.36	ug/l	100
18) Methyl Acetate	2.78	43	90362	26.95	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	143000	24.11	ug/l	95
20) Methylene Chloride	2.85	84	44342	22.58	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	36230	19.25	ug/l	84
22) Diisopropyl ether	3.89	45	142416	22.54	ug/l	# 85
23) Vinyl Acetate	3.82	43	680897	117.75	ug/l	# 93
24) 1,1-Dichloroethane	3.70	63	78631	20.87	ug/l	98
25) 2-Butanone	4.71	43	221921	113.76	ug/l	94
26) 2,2-Dichloropropane	4.58	77	51827	19.75	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	41272	19.63	ug/l	95
28) Bromochloromethane	5.03	49	35796	20.17	ug/l	97
29) Tetrahydrofuran	5.16	42	138254	114.03	ug/l	98
30) Chloroform	5.21	83	73744	20.71	ug/l	98
31) Cyclohexane	5.57	56	40469	14.03	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	55423	19.06	ug/l	95
36) 1,1-Dichloropropene	5.80	75	42606	13.72	ug/l	93
37) Ethyl Acetate	4.86	43	75749	18.38	ug/l	98
38) Carbon Tetrachloride	5.78	117	45788	14.03	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005248.D
 Acq On : 11 Oct 2018 11:40
 Operator : JC/MD
 Sample : VU1010WBS07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VU1010WBS07

Quant Time: Oct 11 12:50:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	34983	11.03	ug/l	90
40) Benzene	6.14	78	151475	15.58	ug/l	95
41) Methacrylonitrile	5.06	41	41542	18.18	ug/l #	96
42) 1,2-Dichloroethane	6.20	62	62261	18.12	ug/l	98
43) Isopropyl Acetate	6.47	43	104381	17.55	ug/l	97
44) Trichloroethene	7.21	130	38502	16.11	ug/l	95
45) 1,2-Dichloropropane	7.52	63	42712	17.92	ug/l	97
46) Dibromomethane	7.66	93	29512	19.70	ug/l	98
47) Bromodichloromethane	7.90	83	54866	19.56	ug/l	98
48) Methyl methacrylate	7.78	41	55028	20.38	ug/l	99
49) 1,4-Dioxane	7.76	88	23598	351.81	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	392989	104.92	ug/l	99
52) Toluene	8.79	92	95375	17.86	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	58016	18.30	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	65929	19.86	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	45066	19.26	ug/l	96
56) Ethyl methacrylate	9.18	69	63342	18.59	ug/l	98
57) 1,3-Dichloropropane	9.37	76	74042	19.02	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	170633	94.07	ug/l	99
59) 2-Hexanone	9.50	43	314565	100.79	ug/l	93
60) Dibromochloromethane	9.59	129	45052	19.26	ug/l	97
61) 1,2-Dibromoethane	9.67	107	46557	18.58	ug/l	95
64) Tetrachloroethene	9.34	164	36182	13.76	ug/l	94
65) Chlorobenzene	10.14	112	110156	16.07	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	40925	16.99	ug/l	99
67) Ethyl Benzene	10.26	91	168889	15.52	ug/l	95
68) m/p-Xylenes	10.36	106	133294	31.35	ug/l	96
69) o-Xylene	10.70	106	65427	16.76	ug/l	99
70) Styrene	10.71	104	114238	17.11	ug/l	99
71) Bromoform	10.86	173	37330	18.10	ug/l	96
73) Isopropylbenzene	11.02	105	164555	17.89	ug/l	99
74) N-amyl acetate	10.90	43	91251	19.17	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	74722	19.96	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	84499	25.83	ug/l	84
77) Bromobenzene	11.26	156	52687	19.72	ug/l	99
78) n-propylbenzene	11.36	91	185111	17.54	ug/l	99
79) 2-Chlorotoluene	11.42	91	123692	18.80	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	144837	17.05	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20223	18.18	ug/l	97
82) 4-Chlorotoluene	11.51	91	145865	18.84	ug/l	99
83) tert-Butylbenzene	11.77	119	137862	18.20	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	153685	17.55	ug/l	99
85) sec-Butylbenzene	11.94	105	155994	16.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	140972	16.87	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	92539	18.55	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	94664	18.38	ug/l	98
89) n-Butylbenzene	12.39	91	115225	15.18	ug/l	99
90) Hexachloroethane	12.60	117	24727	17.77	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	97014	18.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17756	21.60	ug/l	98

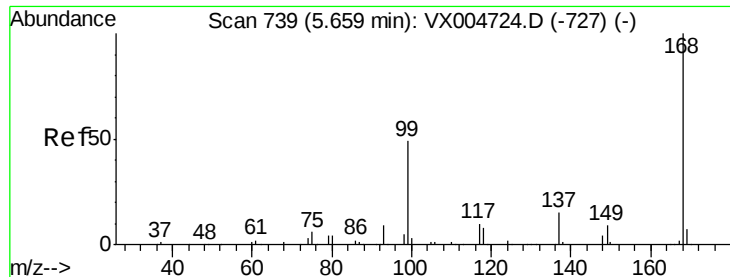
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
Data File : VX005248.D
Acq On : 11 Oct 2018 11:40
Operator : JC/MD
Sample : VU1010WBS07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

Quant Time: Oct 11 12:50:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	65290	17.85	ug/l	100
94) Hexachlorobutadiene	13.79	225	25384	13.39	ug/l	98
95) Naphthalene	13.83	128	217170	18.35	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	71076	18.81	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

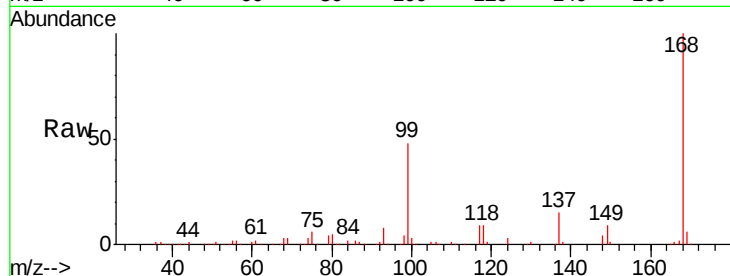
VU1010WBS07

Tgt Ion:168 Resp: 158684

Ion Ratio Lower Upper

168 100

99 47.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

30000

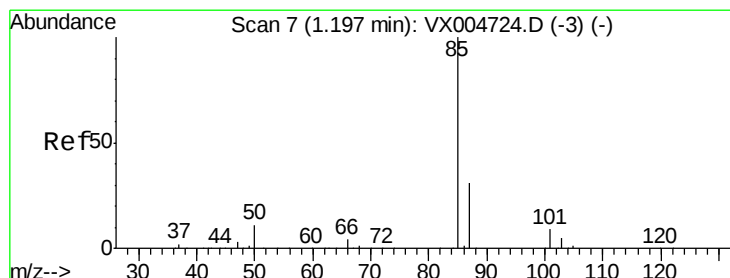
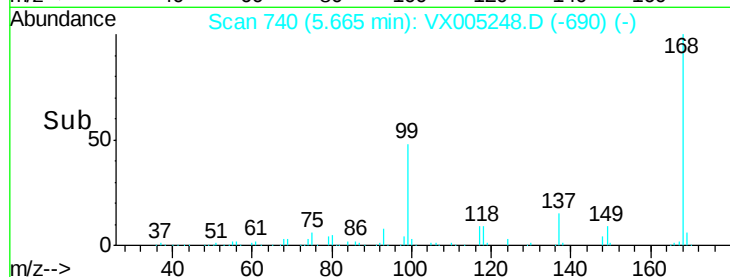
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 14.82 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005248.D

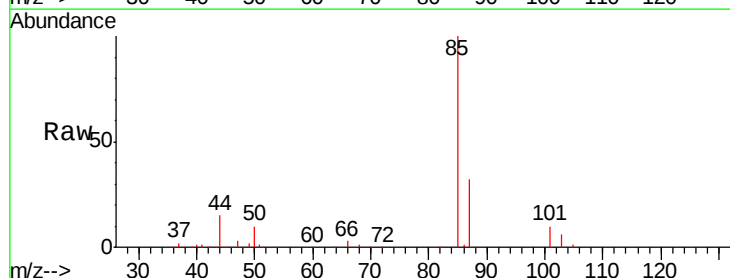
Acq: 11 Oct 2018 11:40

Tgt Ion: 85 Resp: 32061

Ion Ratio Lower Upper

85 100

87 32.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

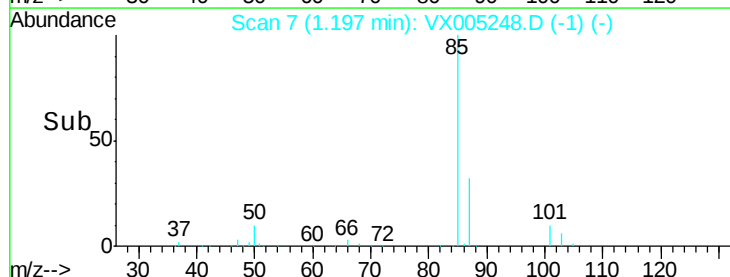
20000

10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.26 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

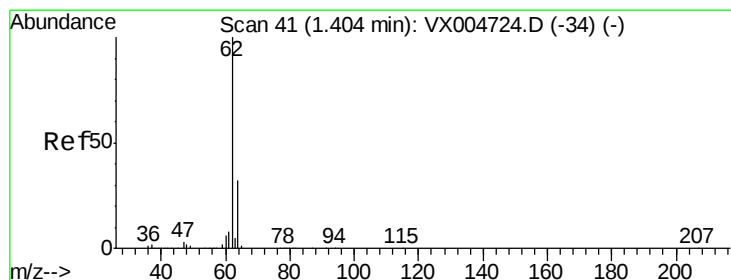
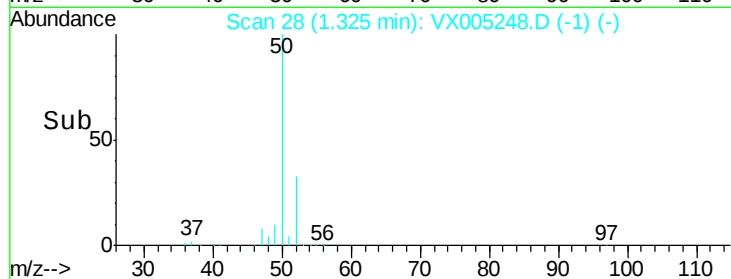
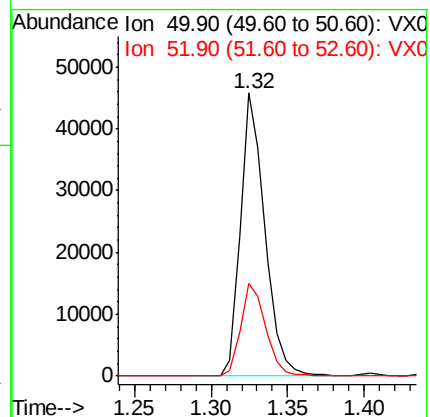
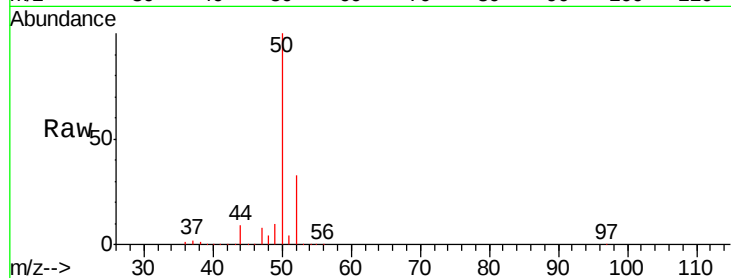
VU1010WBS07

Tgt Ion: 50 Resp: 50568

Ion Ratio Lower Upper

50 100

52 32.8 25.8 38.6



#4

Vinyl Chloride

Concen: 18.09 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005248.D

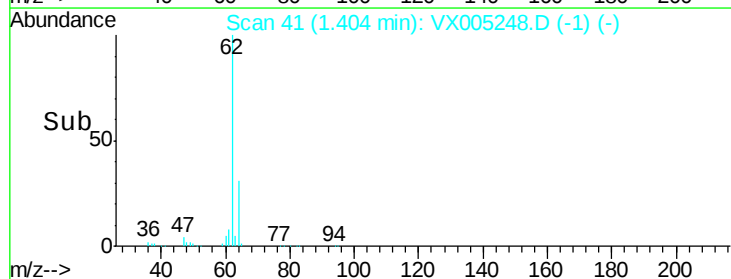
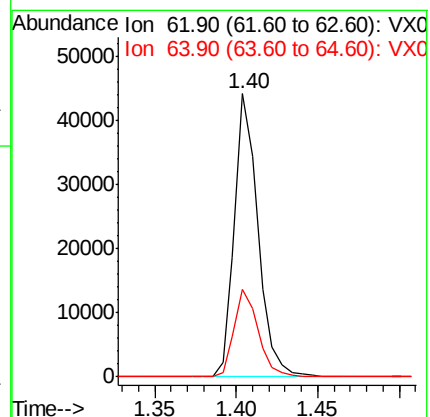
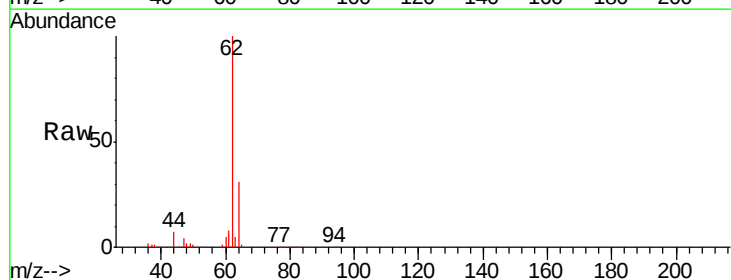
Acq: 11 Oct 2018 11:40

Tgt Ion: 62 Resp: 44539

Ion Ratio Lower Upper

62 100

64 30.8 25.5 38.3





#5

Bromomethane

Concen: 20.02 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

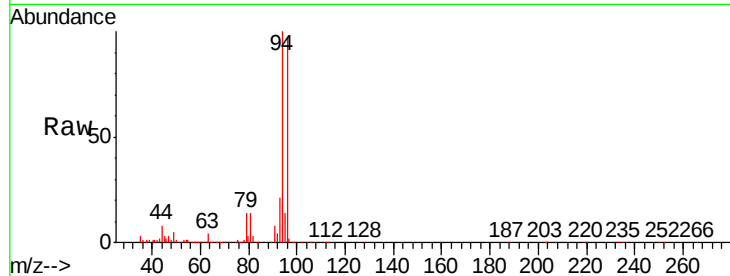
VU1010WBS07

Tgt Ion: 94 Resp: 29229

Ion Ratio Lower Upper

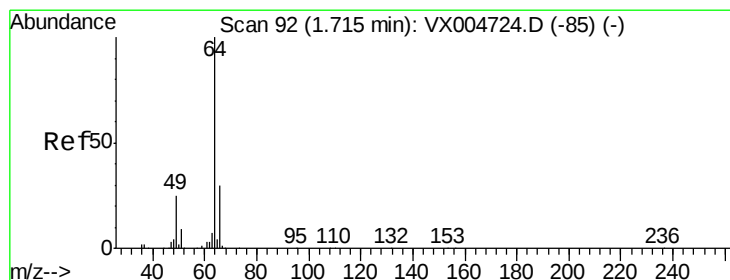
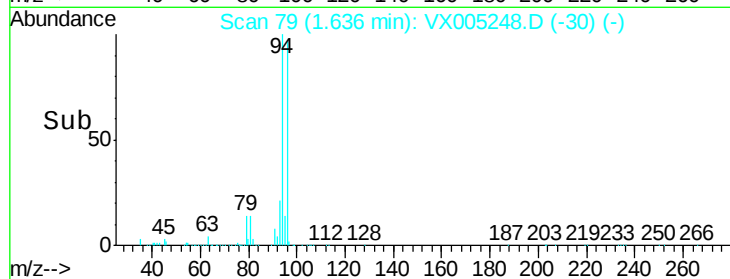
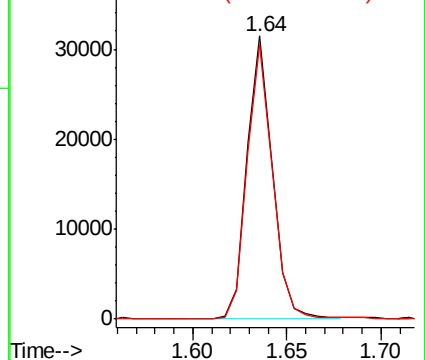
94 100

96 96.8 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.82 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005248.D

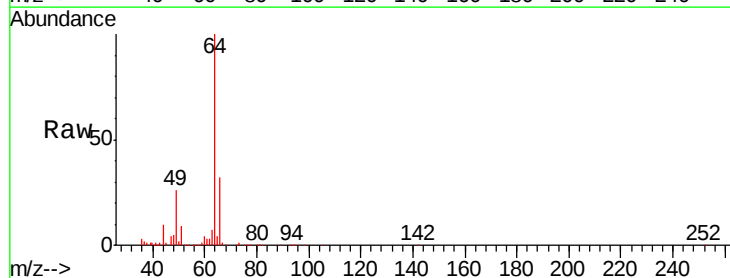
Acq: 11 Oct 2018 11:40

Tgt Ion: 64 Resp: 31034

Ion Ratio Lower Upper

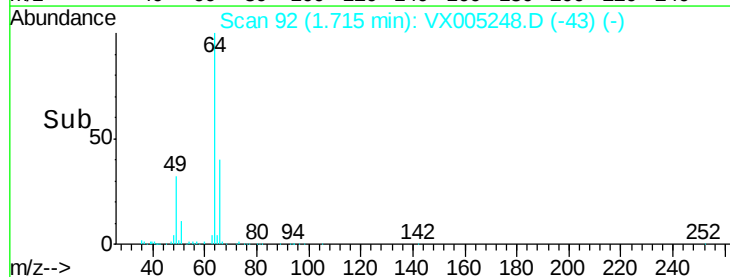
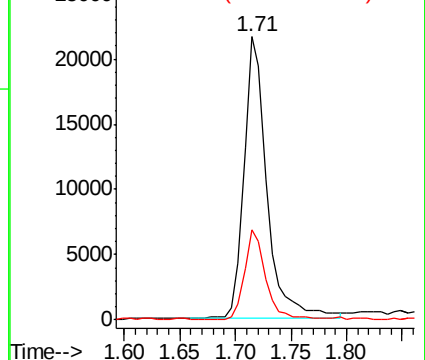
64 100

66 32.1 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



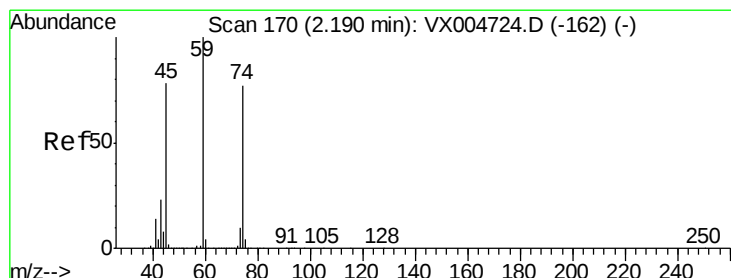
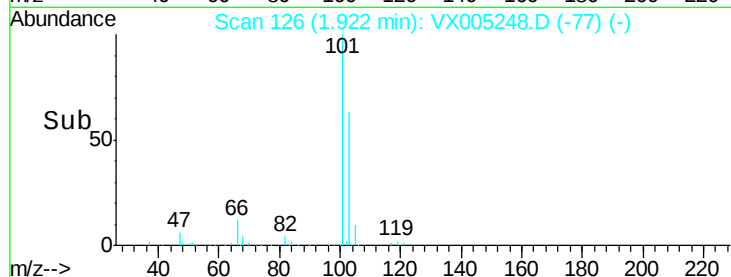
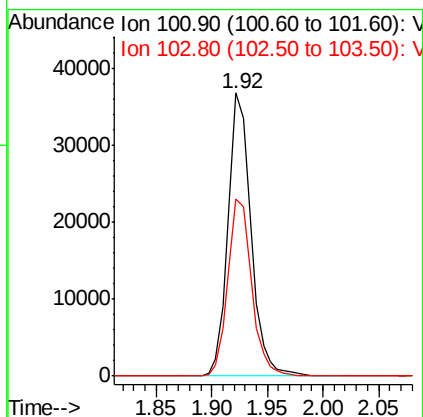
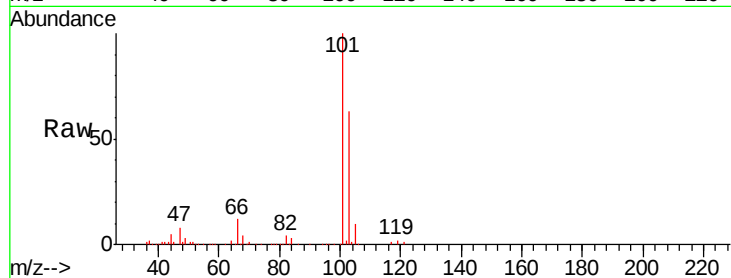


#7

Trichlorofluoromethane
 Concen: 17.40 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VU1010WBS07

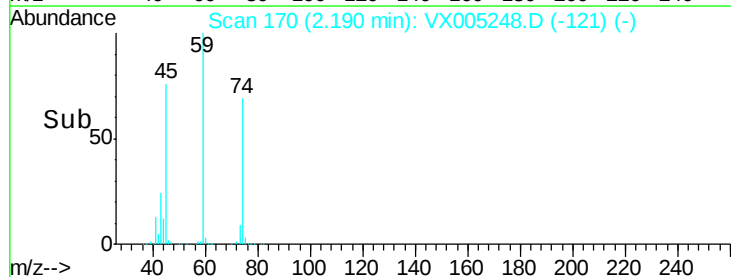
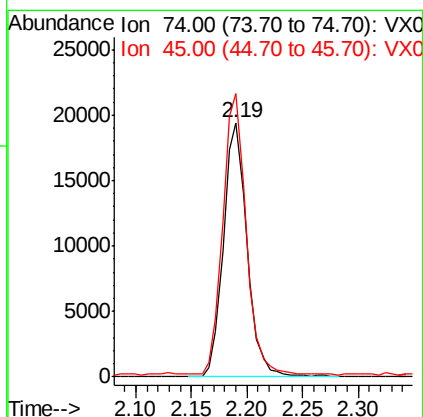
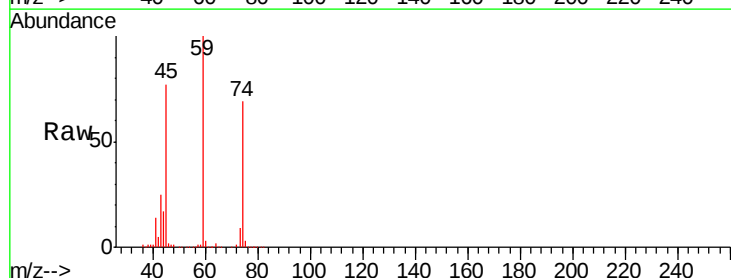
Tgt Ion: 101 Resp: 53047
 Ion Ratio Lower Upper
 101 100
 103 62.5 48.4 72.6

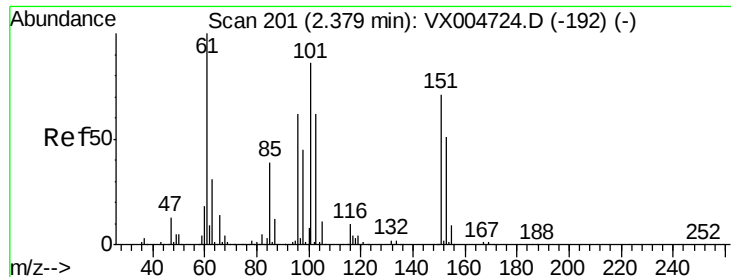


#8

Diethyl Ether
 Concen: 21.55 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Tgt Ion: 74 Resp: 28534
 Ion Ratio Lower Upper
 74 100
 45 108.5 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.85 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

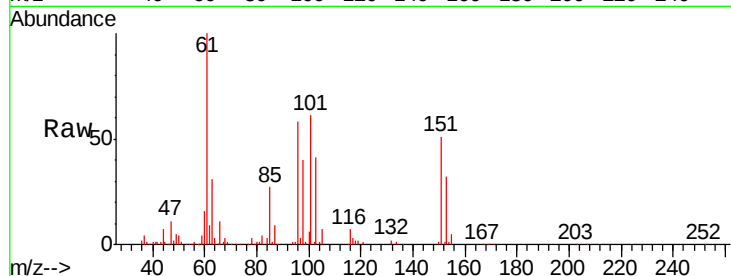
Tgt Ion:101 Resp: 25787

Ion Ratio Lower Upper

101 100

85 44.7 35.9 53.9

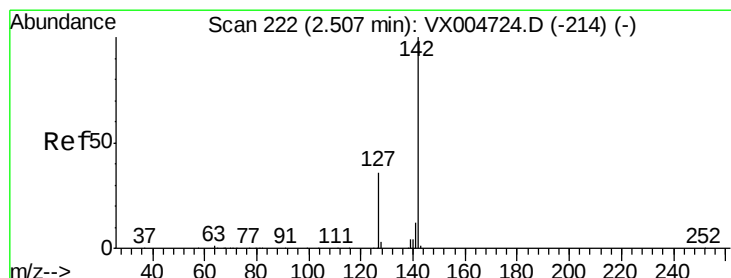
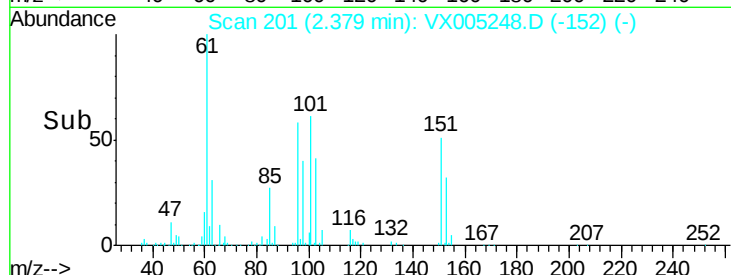
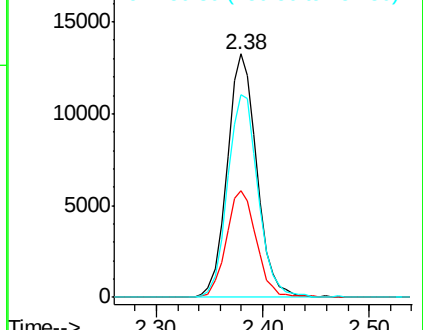
151 85.9 66.6 100.0



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: 17.64 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

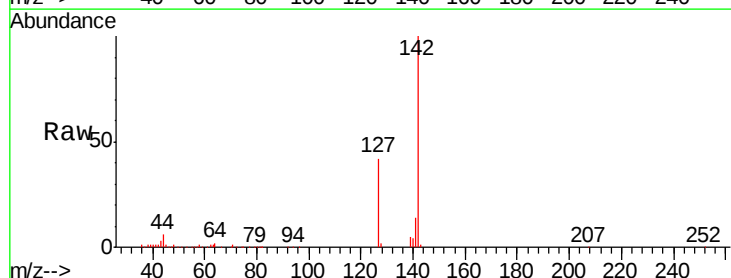
Tgt Ion:142 Resp: 40991

Ion Ratio Lower Upper

142 100

127 44.1 30.1 45.1

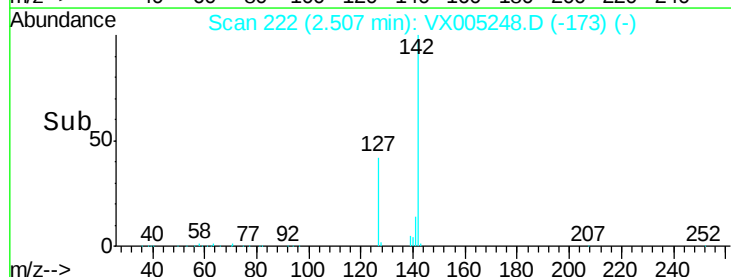
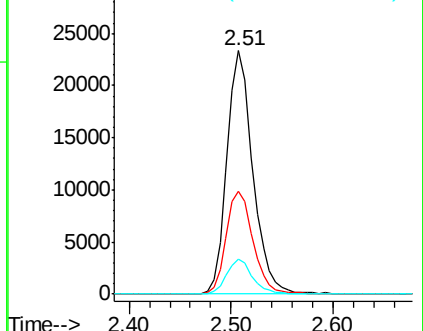
141 14.3 10.1 15.1

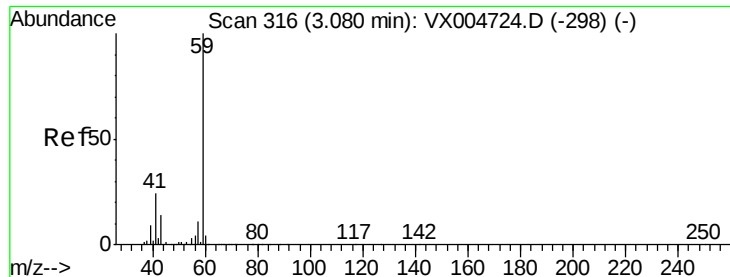


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



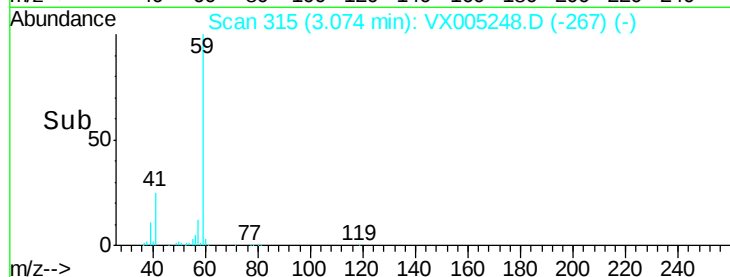
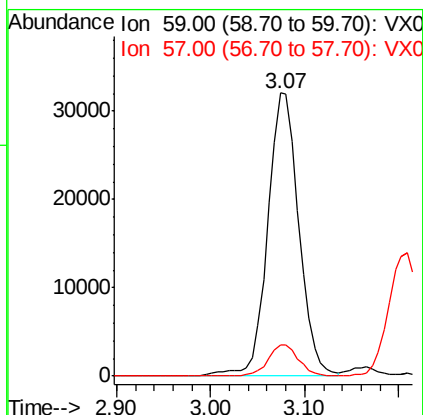
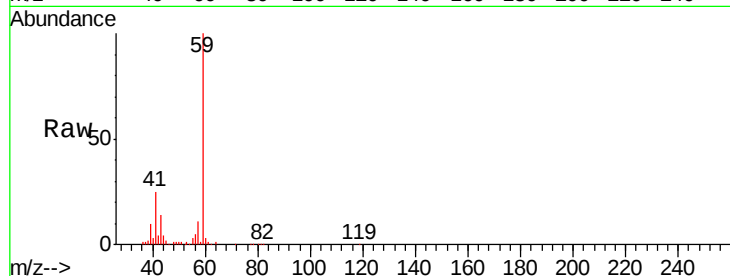


#11

Tert butyl alcohol
 Concen: 117.19 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VU1010WBS07

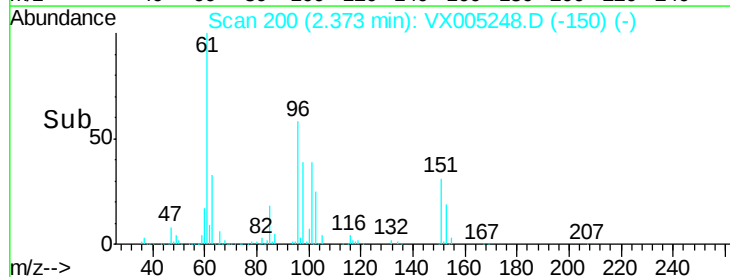
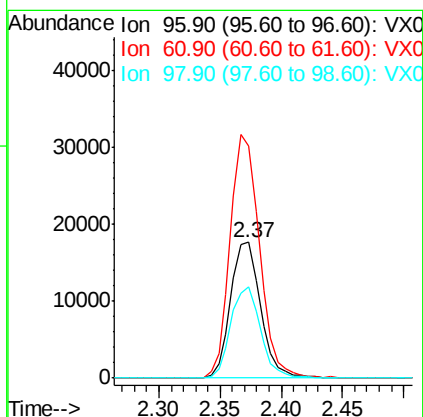
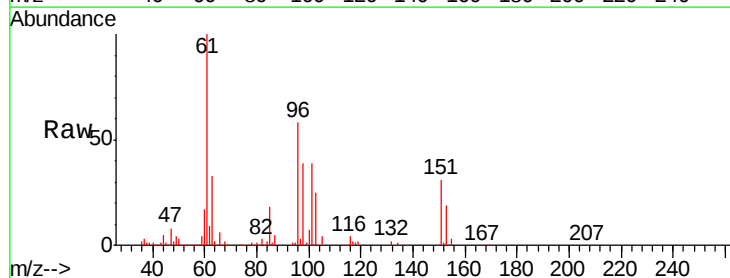
Tgt Ion: 59 Resp: 74276
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.6 12.8



#12

1,1-Dichloroethene
 Concen: 17.55 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Tgt Ion: 96 Resp: 30170
 Ion Ratio Lower Upper
 96 100
 61 171.3 130.2 195.4
 98 66.9 53.4 80.0





#13

Acrolein

Concen: 86.43 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

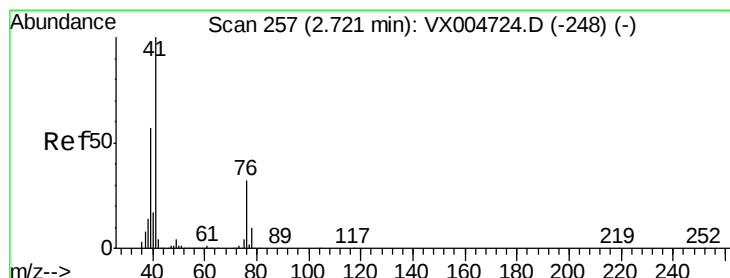
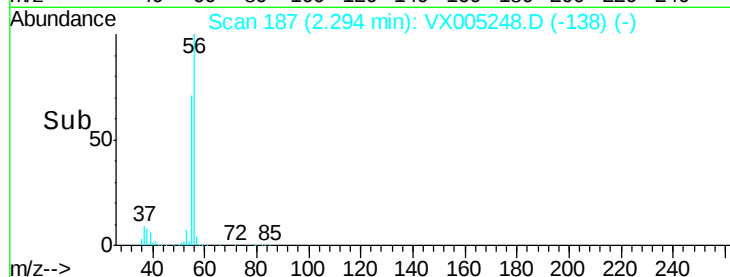
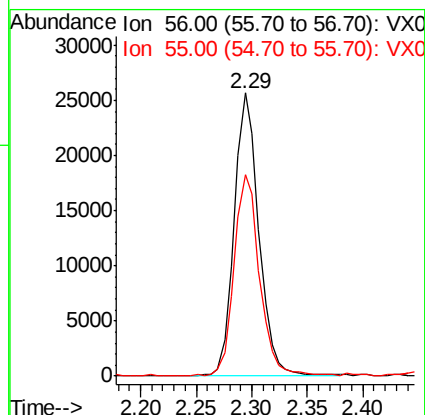
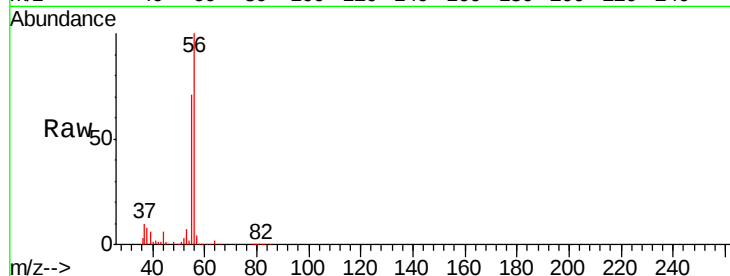
VU1010WBS07

Tgt Ion: 56 Resp: 38975

Ion Ratio Lower Upper

56 100

55 73.1 63.4 95.2



#14

Allyl chloride

Concen: 21.53 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

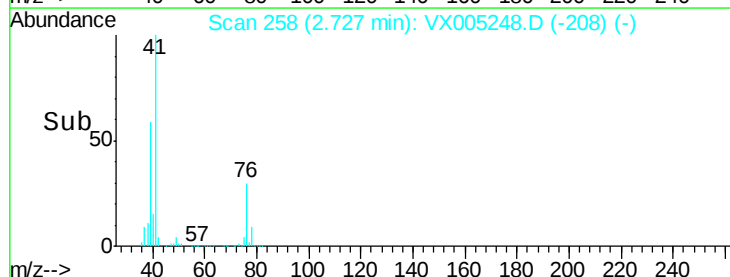
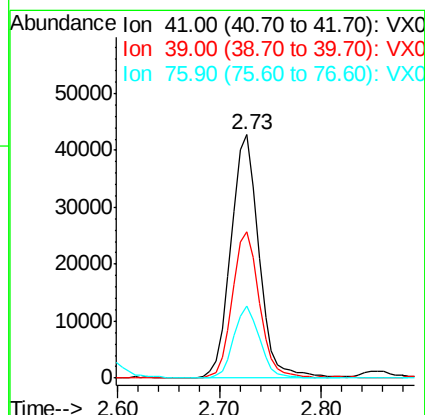
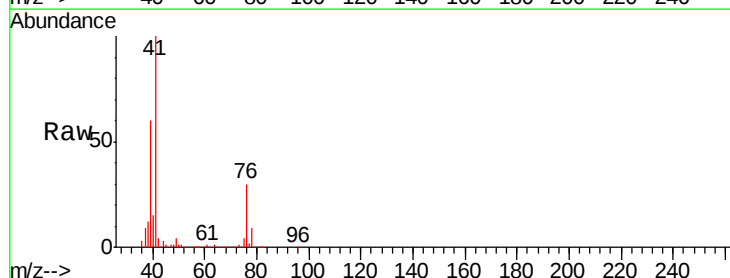
Tgt Ion: 41 Resp: 80780

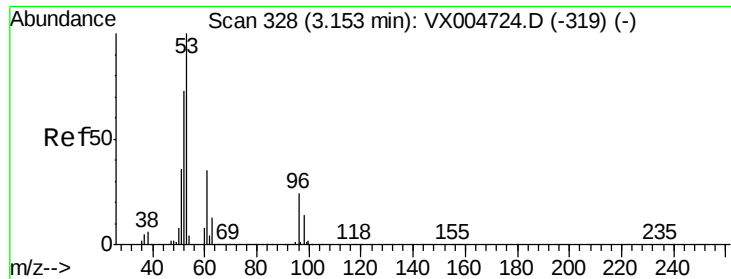
Ion Ratio Lower Upper

41 100

39 57.5 44.1 66.1

76 27.6 25.0 37.4





#15

Acrylonitrile

Concen: 119.34 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

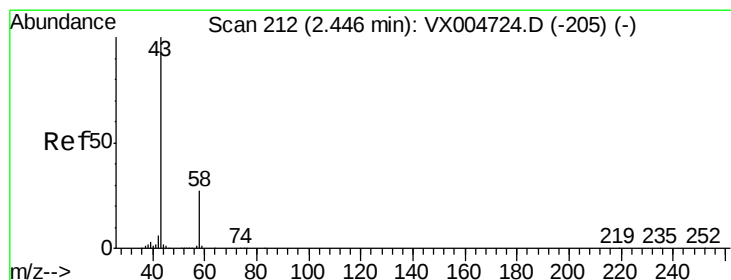
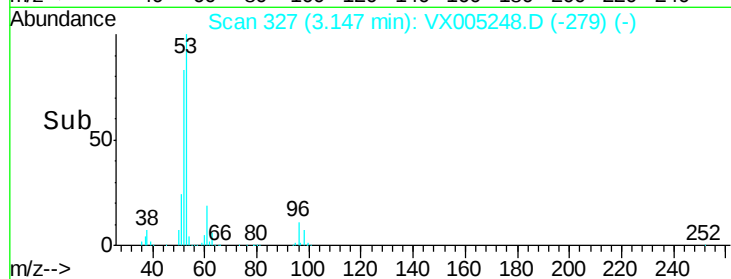
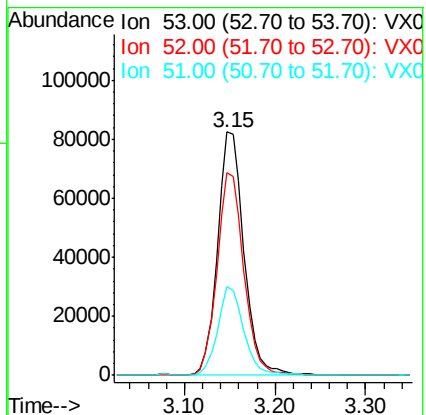
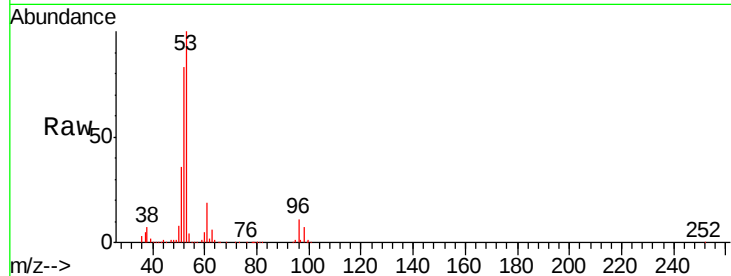
Tgt Ion: 53 Resp: 166509

Ion Ratio Lower Upper

53 100

52 84.4 63.0 94.4

51 36.1 28.6 42.8



#16

Acetone

Concen: 125.39 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005248.D

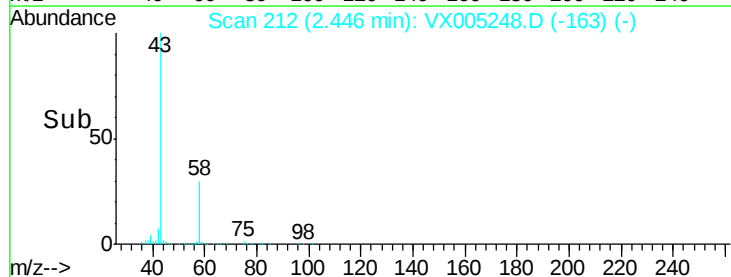
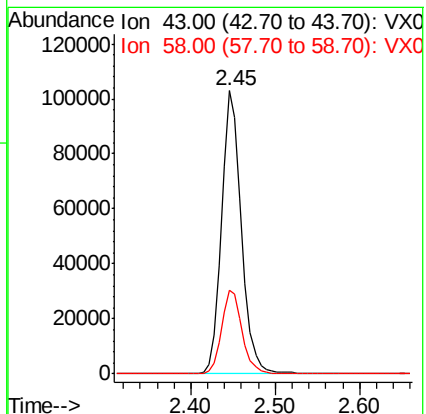
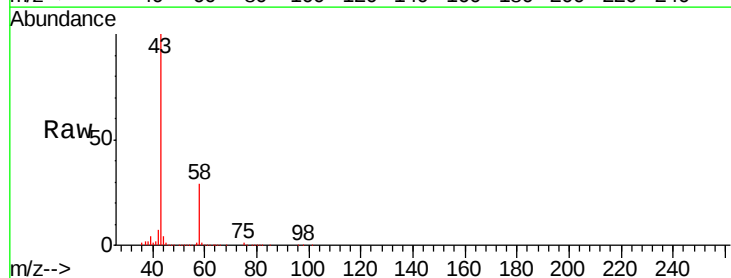
Acq: 11 Oct 2018 11:40

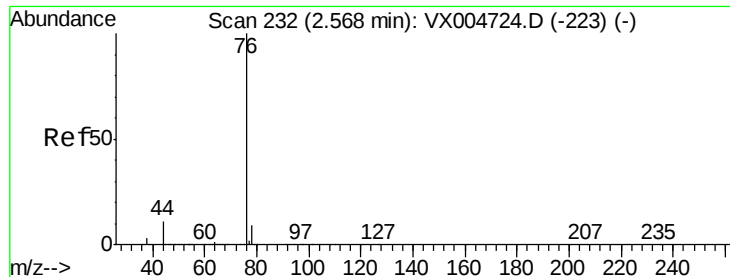
Tgt Ion: 43 Resp: 165946

Ion Ratio Lower Upper

43 100

58 29.5 21.8 32.6

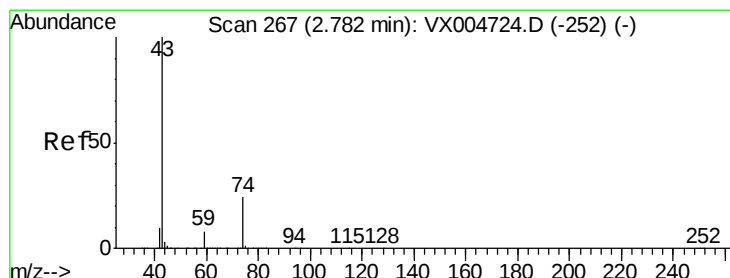
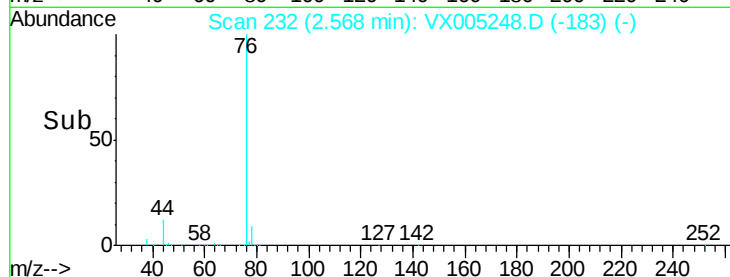
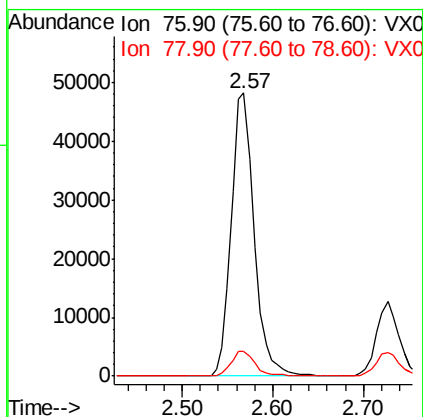
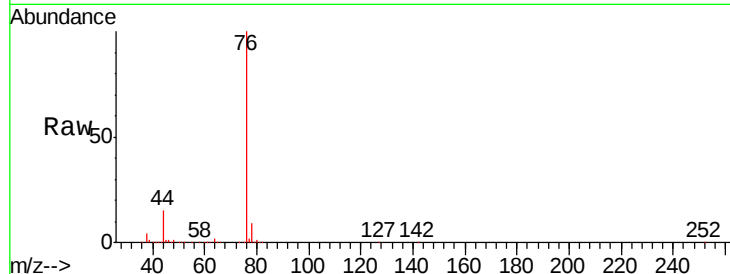




#17
Carbon Disulfide
Concen: 16.36 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

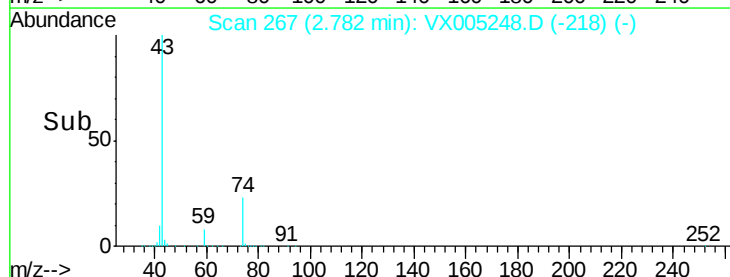
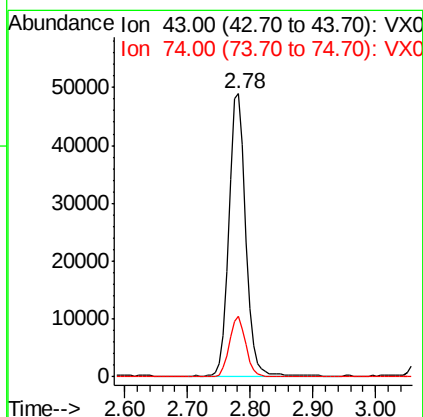
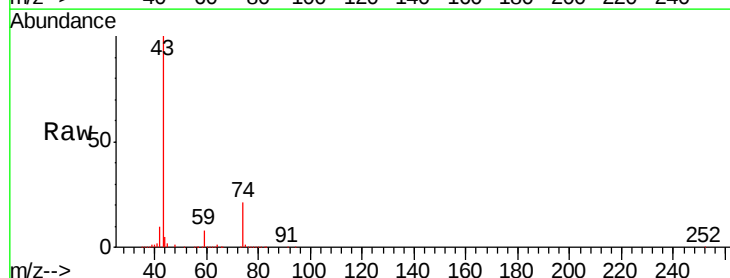
Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

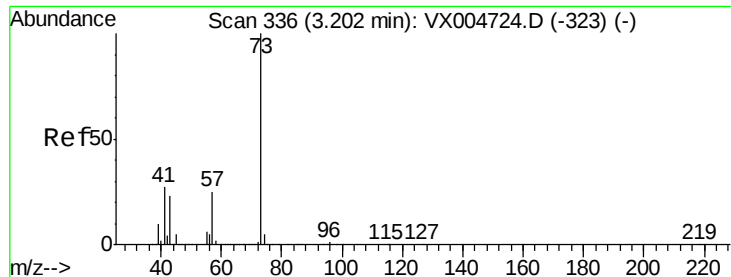
Tgt Ion: 76 Resp: 84520
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 26.95 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion: 43 Resp: 90362
Ion Ratio Lower Upper
43 100
74 21.1 17.8 26.8





#19

Methyl tert-butyl Ether

Concen: 24.11 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

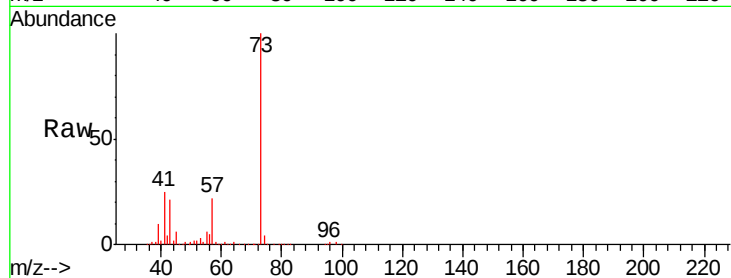
VU1010WBS07

Tgt Ion: 73 Resp: 143000

Ion Ratio Lower Upper

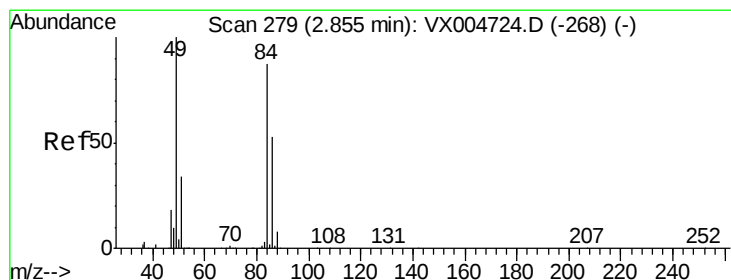
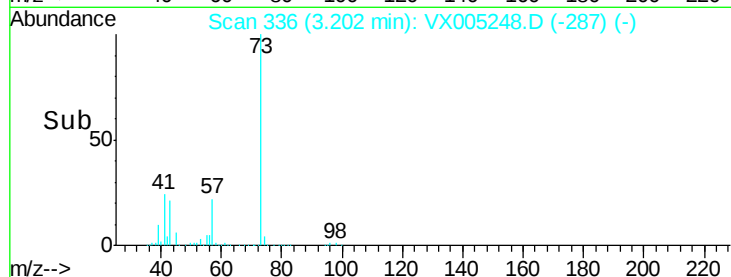
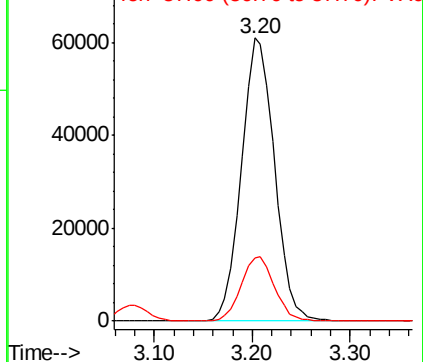
73 100

57 22.2 19.9 29.9



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 22.58 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Tgt Ion: 84 Resp: 44342

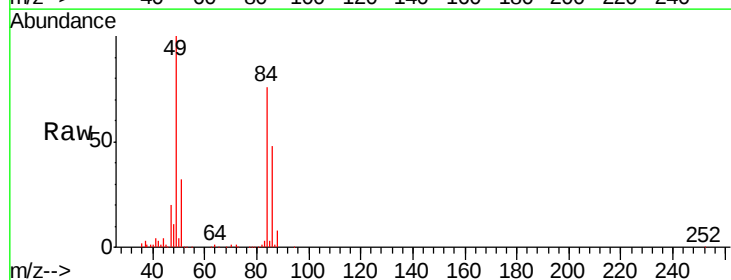
Ion Ratio Lower Upper

84 100

49 131.1 92.3 138.5

51 41.6 31.8 47.6

86 62.8 48.5 72.7

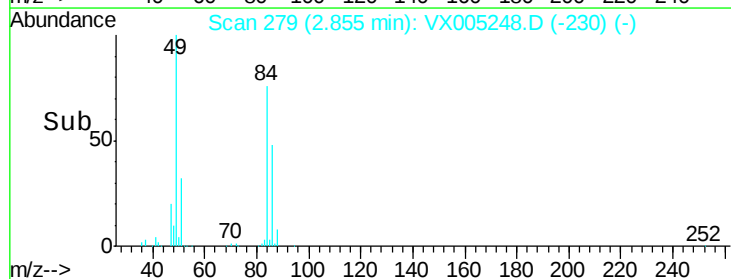
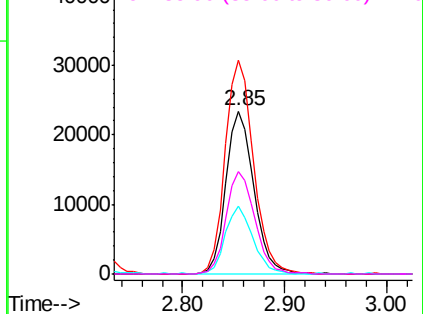


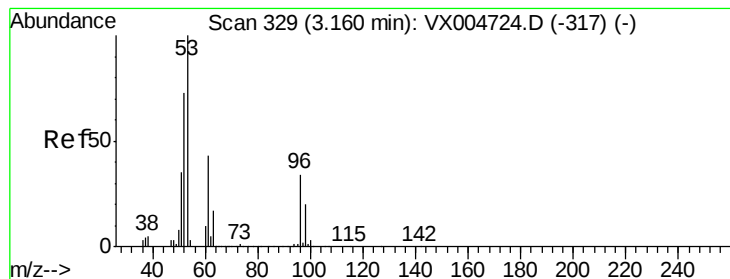
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 19.25 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

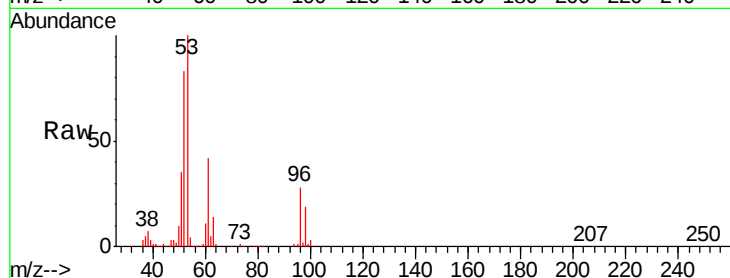
Tgt Ion: 96 Resp: 36230

Ion Ratio Lower Upper

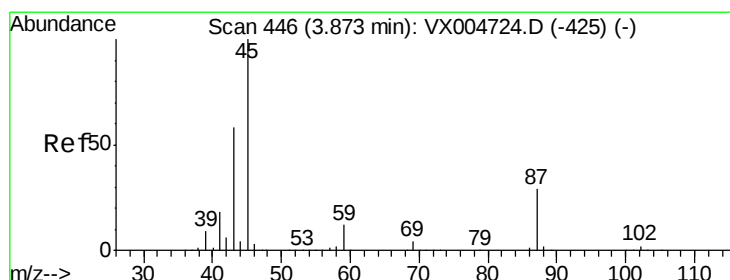
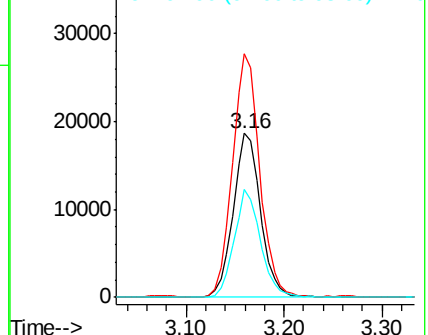
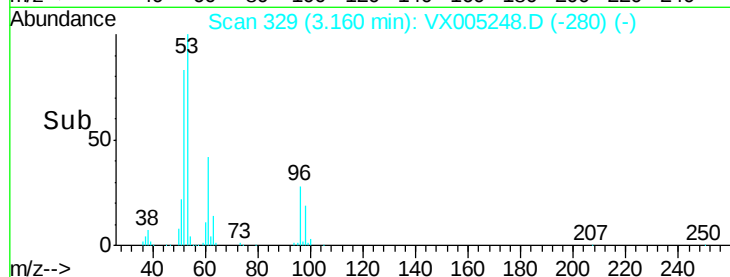
96 100

61 148.1 101.0 151.6

98 65.8 47.2 70.8



Abundance Ion 95.90 (95.60 to 96.60): VX005248.D (-280) (-)



#22

Diisopropyl ether

Concen: 22.54 ug/l

RT: 3.89 min Scan# 448

Delta R.T. 0.01 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Tgt Ion: 45 Resp: 142416

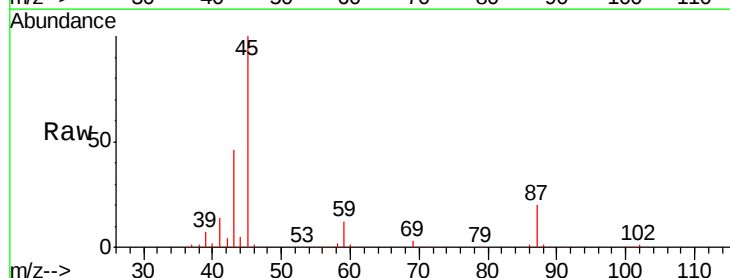
Ion Ratio Lower Upper

45 100

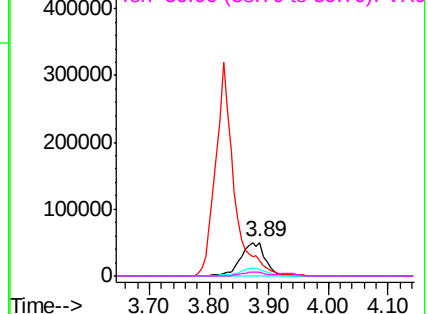
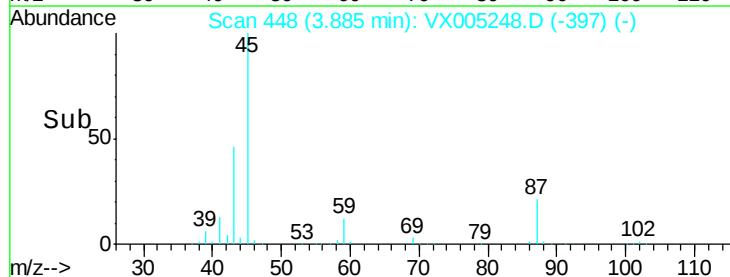
43 45.6 46.7 70.1#

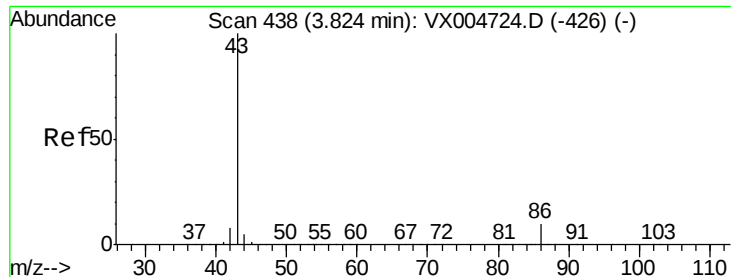
87 20.5 22.9 34.3#

59 11.7 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VX005248.D (-397) (-)





#23

Vinyl Acetate

Concen: 117.75 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

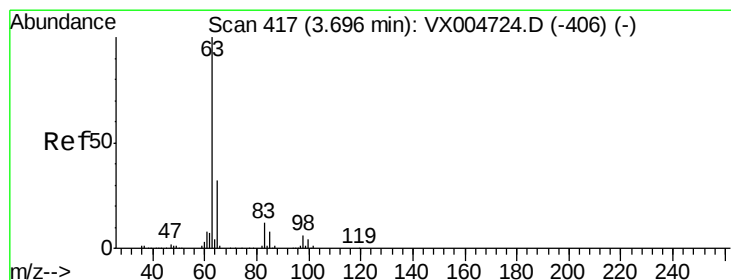
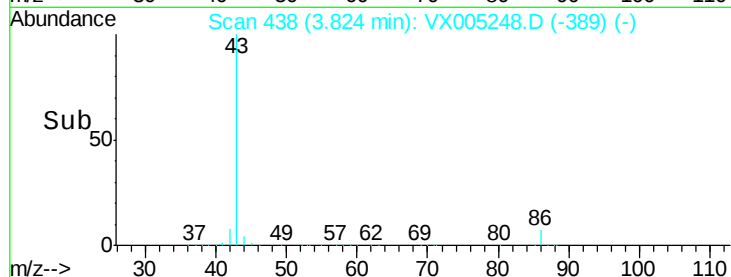
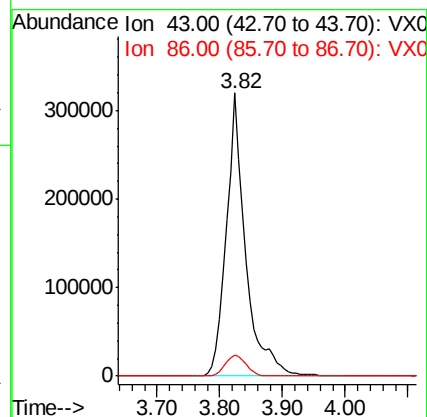
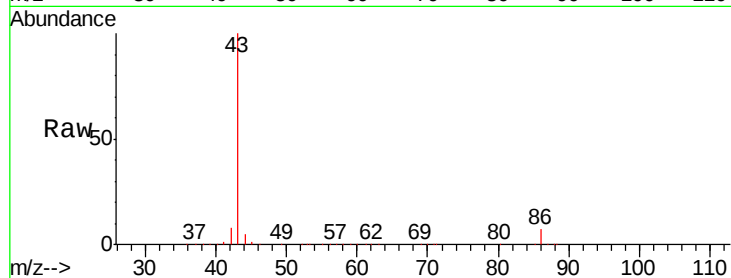
VU1010WBS07

Tgt Ion: 43 Resp: 680897

Ion Ratio Lower Upper

43 100

86 7.5 8.1 12.1#



#24

1,1-Dichloroethane

Concen: 20.87 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

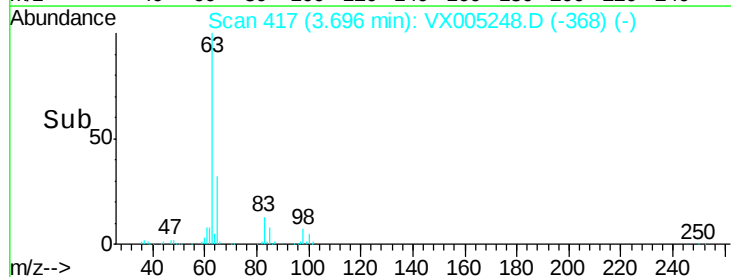
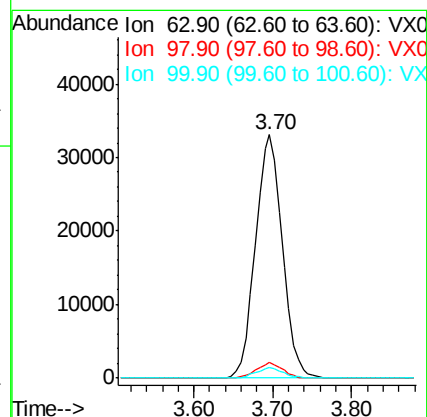
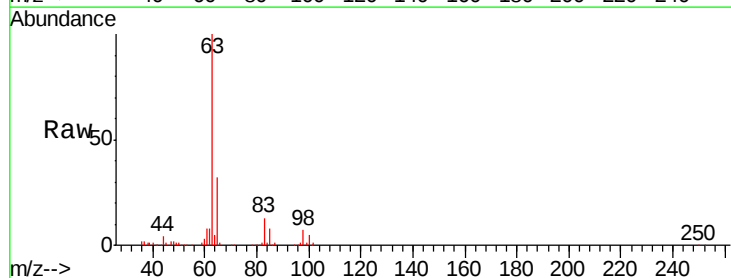
Tgt Ion: 63 Resp: 78631

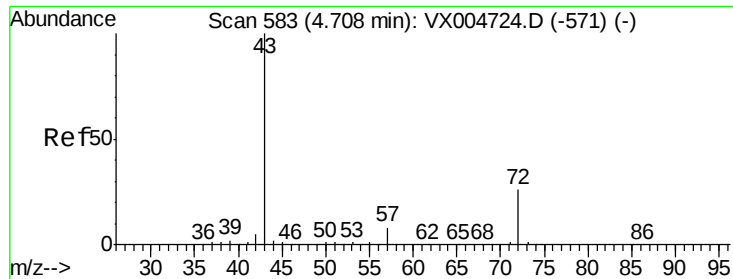
Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

100 4.6 2.0 5.8





#25

2-Butanone

Concen: 113.76 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

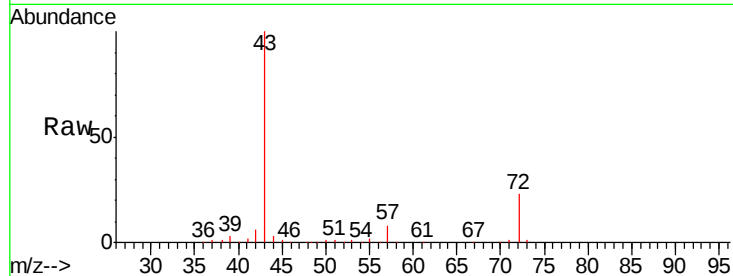
VU1010WBS07

Tgt Ion: 43 Resp: 221921

Ion Ratio Lower Upper

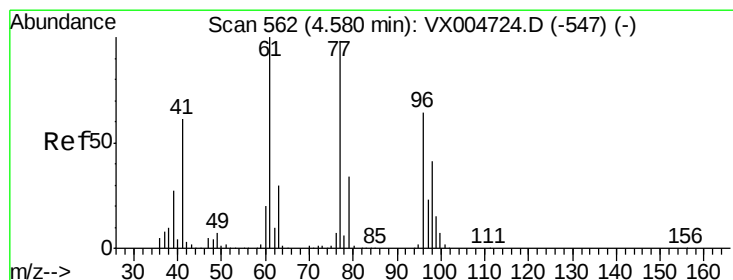
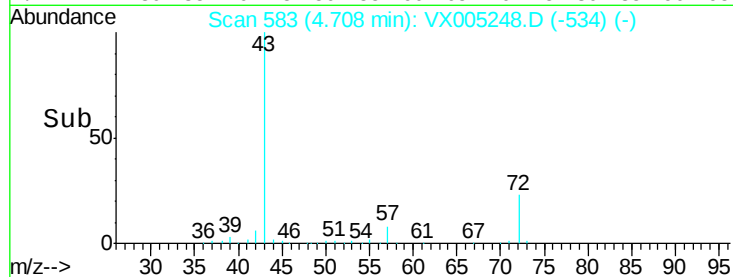
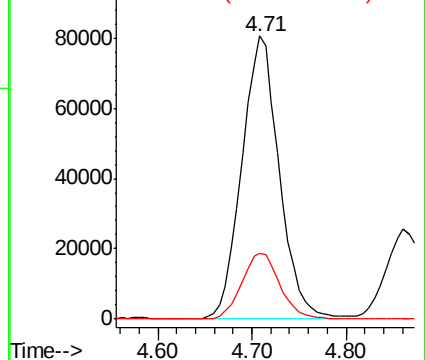
43 100

72 23.1 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.75 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005248.D

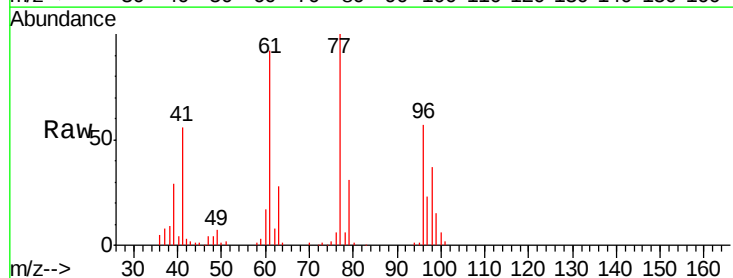
Acq: 11 Oct 2018 11:40

Tgt Ion: 77 Resp: 51827

Ion Ratio Lower Upper

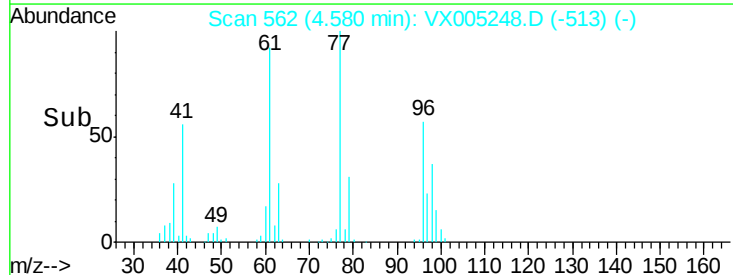
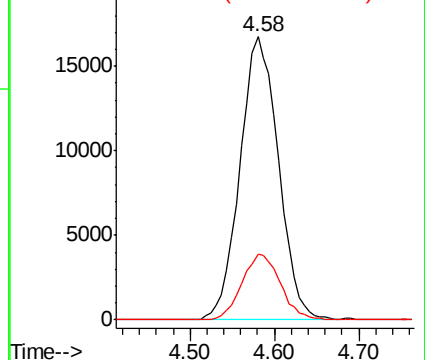
77 100

97 23.2 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



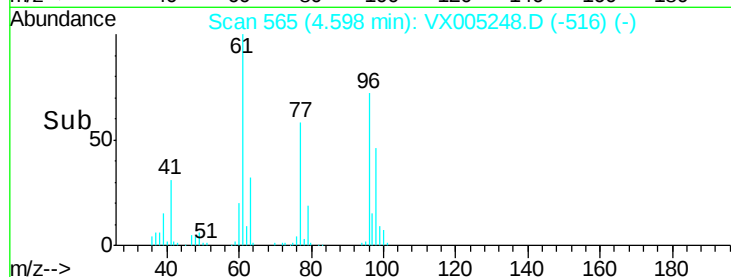
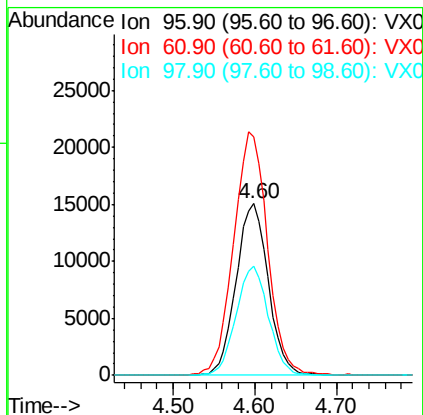
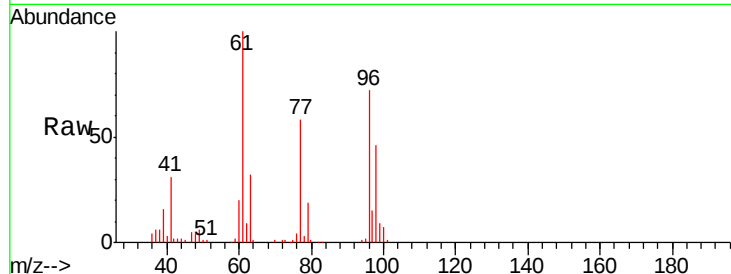


#27

cis-1,2-Dichloroethene
Concen: 19.63 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

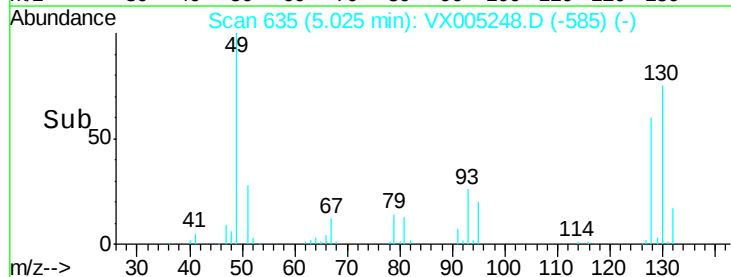
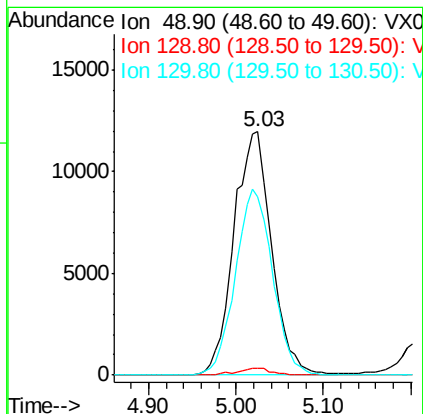
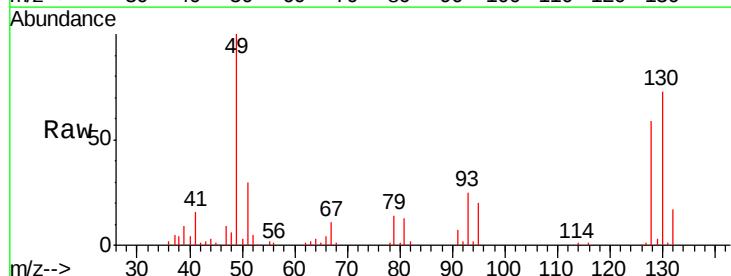
Tgt Ion: 96 Resp: 41272
Ion Ratio Lower Upper
96 100
61 149.7 0.0 285.8
98 64.0 0.0 136.2

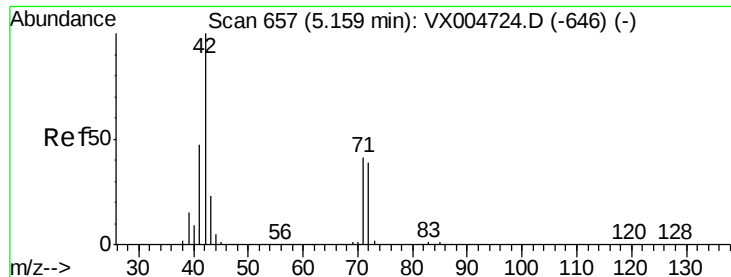


#28

Bromochloromethane
Concen: 20.17 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion: 49 Resp: 35796
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.2
130 75.2 62.0 93.0





#29

Tetrahydrofuran

Concen: 114.03 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

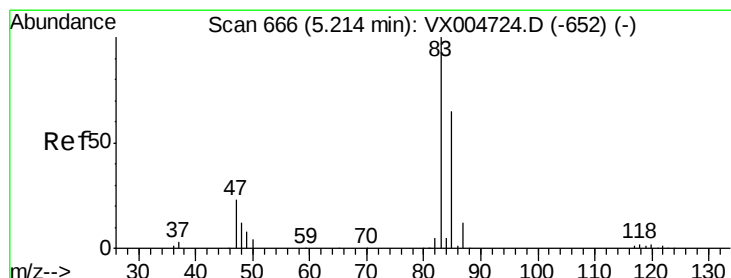
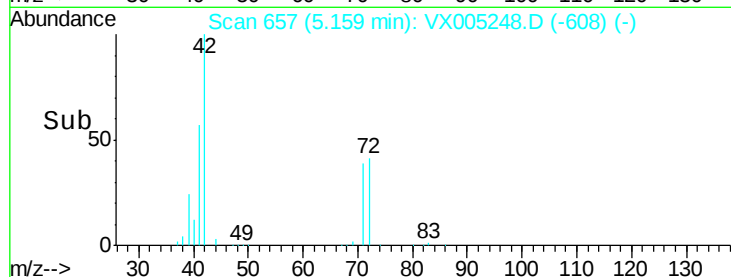
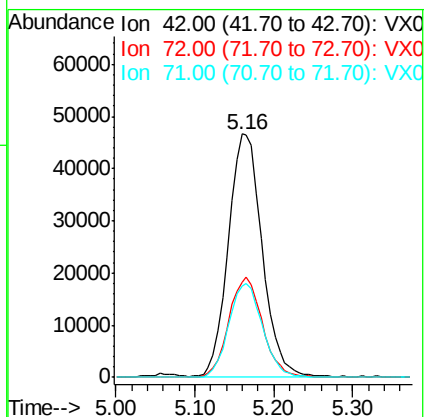
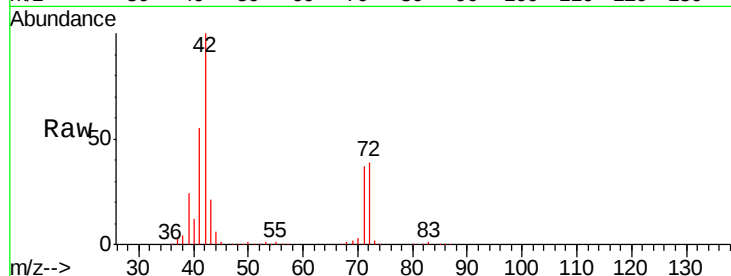
Tgt Ion: 42 Resp: 138254

Ion Ratio Lower Upper

42 100

72 41.3 33.7 50.5

71 38.8 32.2 48.4



#30

Chloroform

Concen: 20.71 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX005248.D

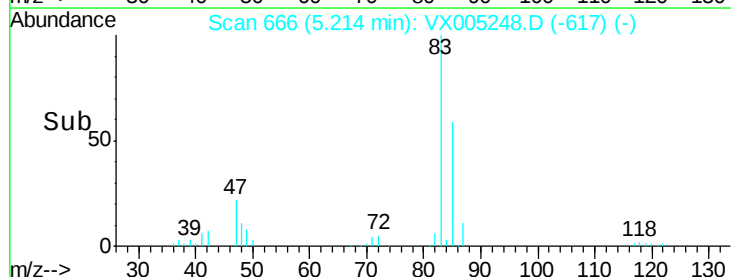
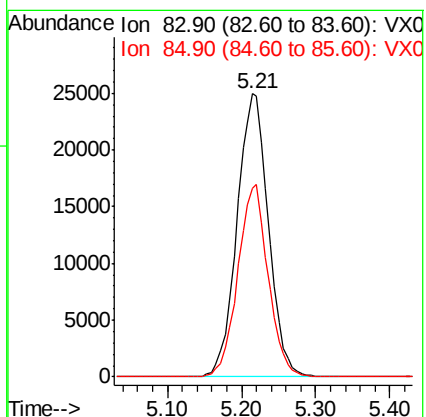
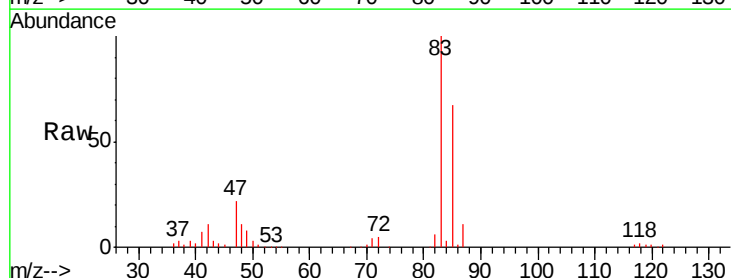
Acq: 11 Oct 2018 11:40

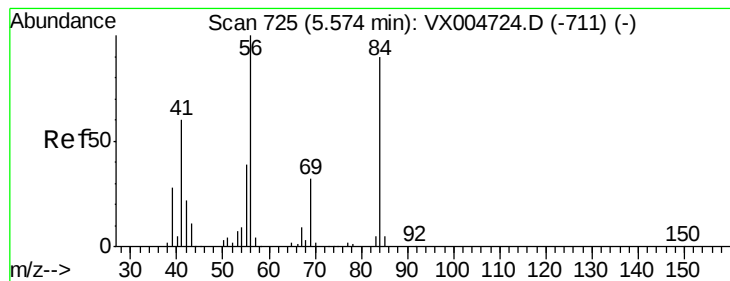
Tgt Ion: 83 Resp: 73744

Ion Ratio Lower Upper

83 100

85 66.8 52.4 78.6





#31

Cyclohexane

Concen: 14.03 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

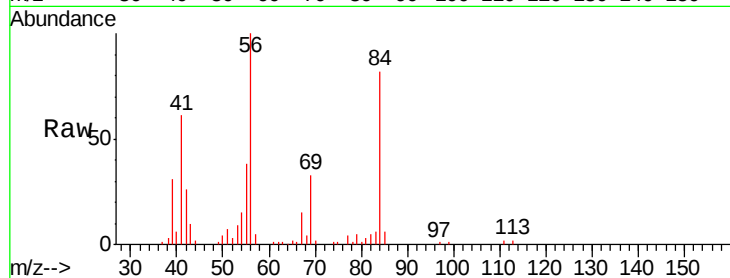
Tgt Ion: 56 Resp: 40469

Ion Ratio Lower Upper

56 100

69 33.0 25.9 38.9

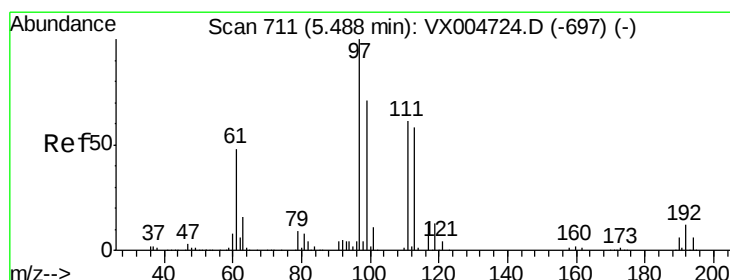
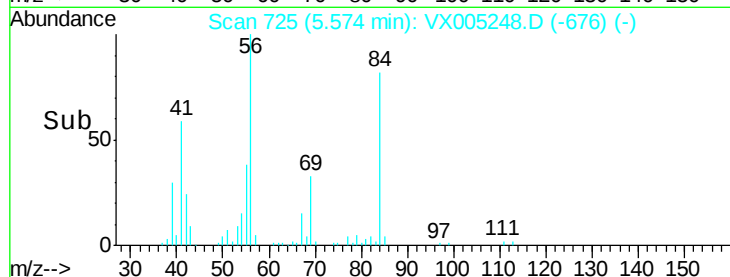
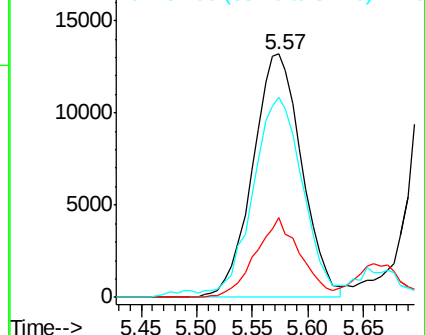
84 79.7 71.9 107.9



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: 19.06 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

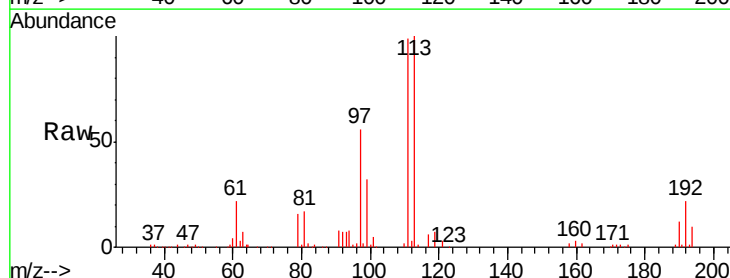
Tgt Ion: 97 Resp: 55423

Ion Ratio Lower Upper

97 100

99 63.6 54.6 82.0

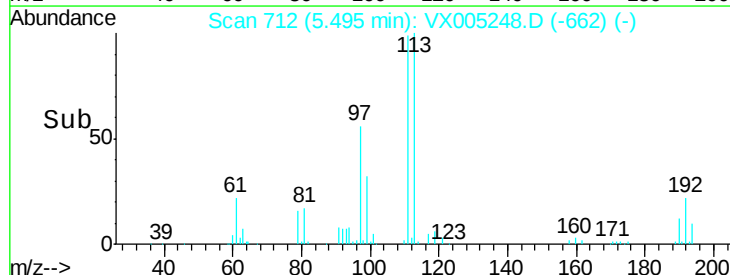
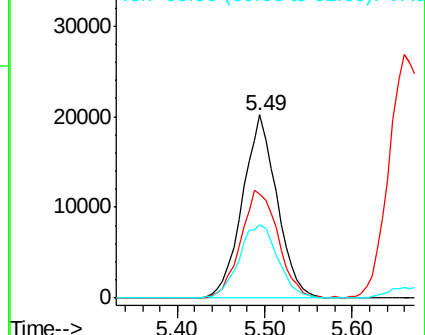
61 45.1 37.5 56.3

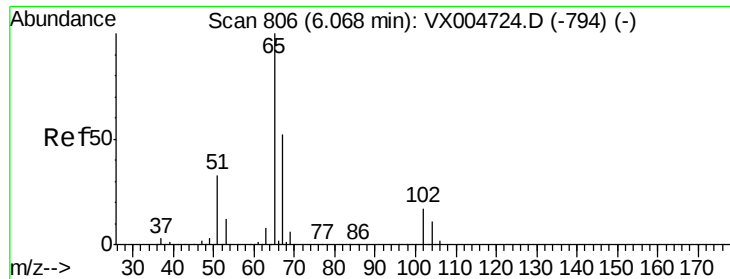


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 61.77 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

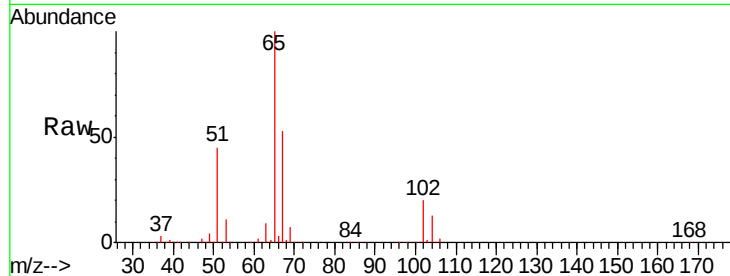
VU1010WBS07

Tgt Ion: 65 Resp: 140025

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

30000

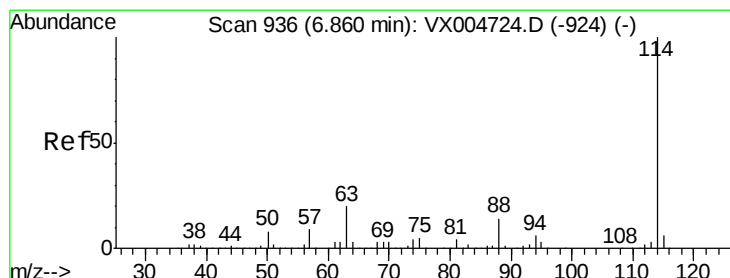
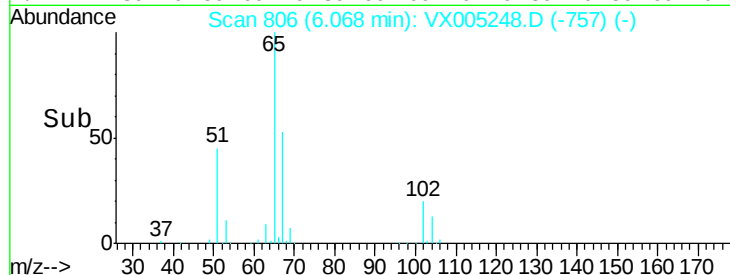
20000

10000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

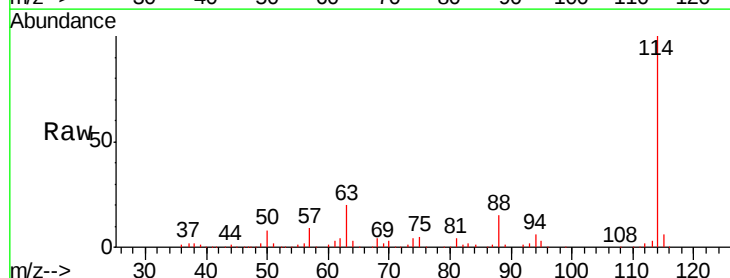
Tgt Ion: 114 Resp: 268505

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

88 15.1 0.0 27.0



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

150000

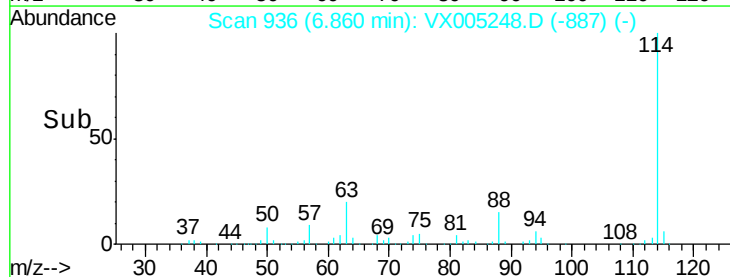
100000

50000

0

Time-->

6.80 7.00 7.20





#35

Dibromofluoromethane

Concen: 48.86 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

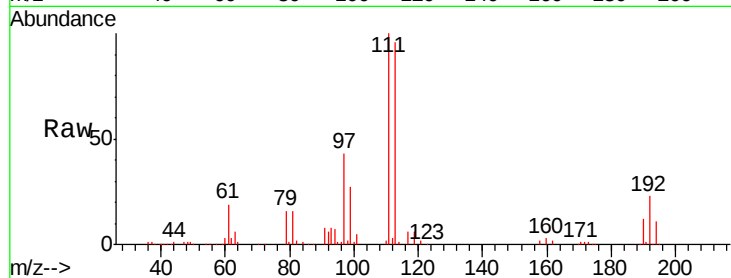
Tgt Ion:113 Resp: 111183

Ion Ratio Lower Upper

113 100

111 103.8 77.0 115.4

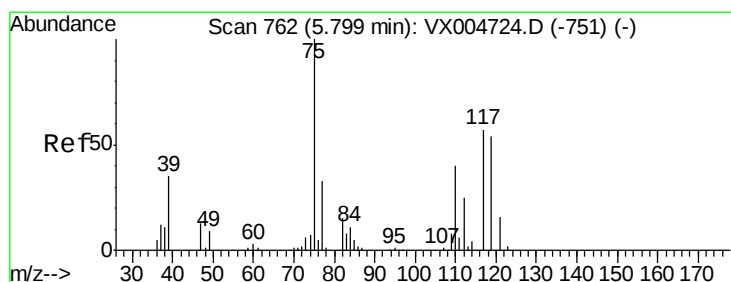
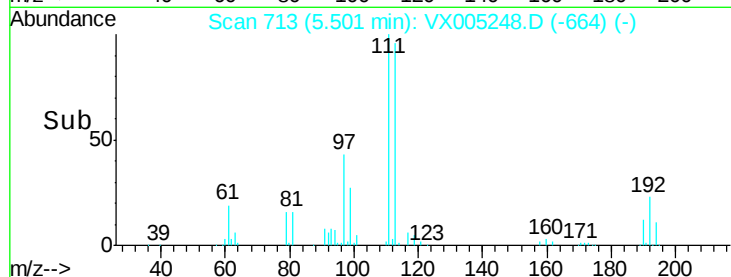
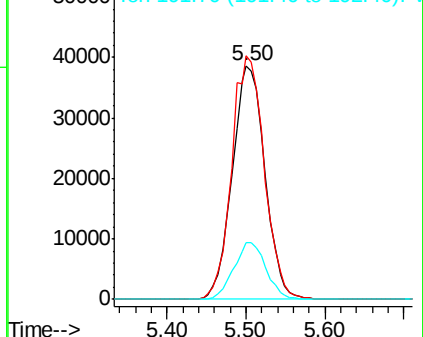
192 23.9 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 13.72 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

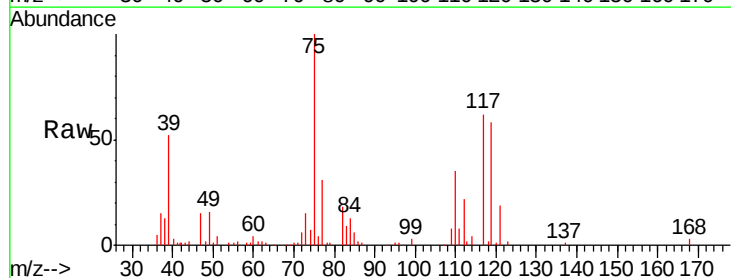
Tgt Ion: 75 Resp: 42606

Ion Ratio Lower Upper

75 100

110 35.0 20.0 59.9

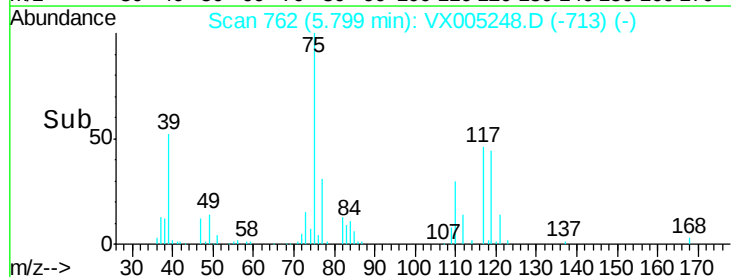
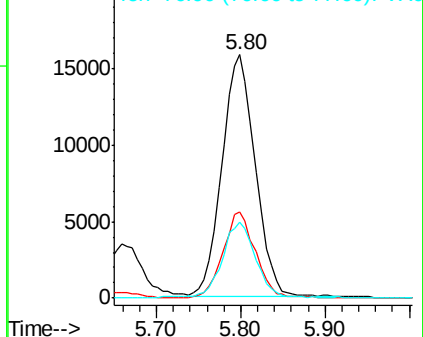
77 30.8 27.1 40.7

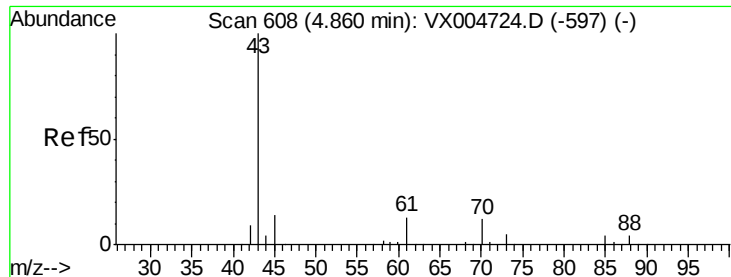


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 18.38 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampled :

VU1010WBS07

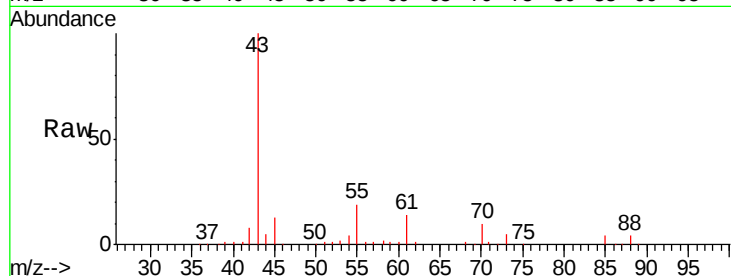
Tgt Ion: 43 Resp: 75749

Ion Ratio Lower Upper

43 100

61 14.1 10.4 15.6

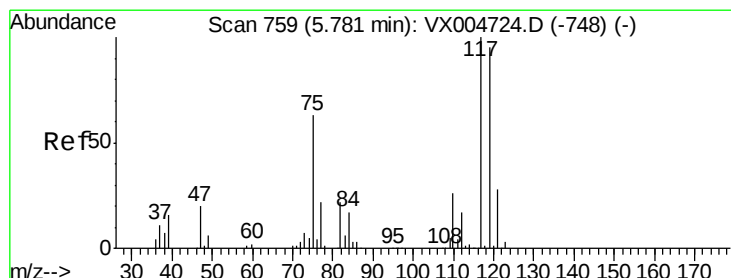
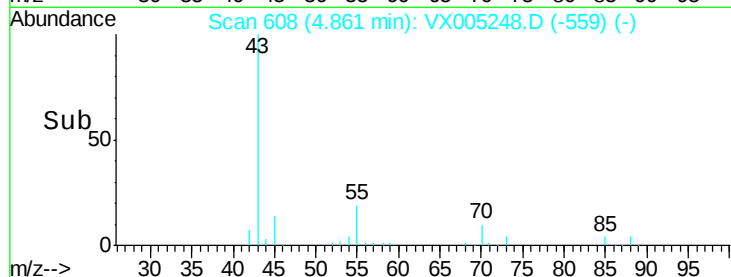
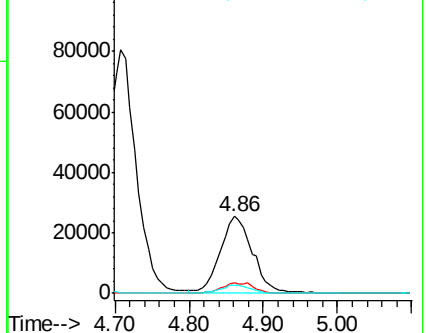
70 10.2 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX004724.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX004724.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 14.03 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

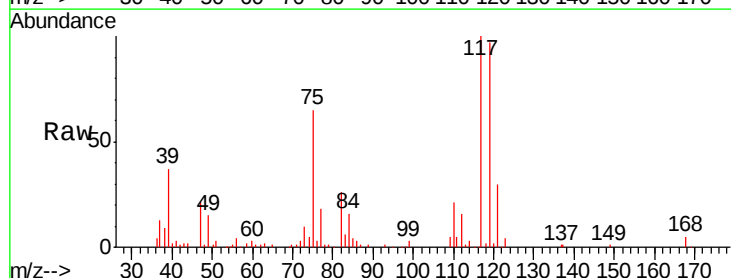
Tgt Ion: 117 Resp: 45788

Ion Ratio Lower Upper

117 100

119 97.1 75.2 112.8

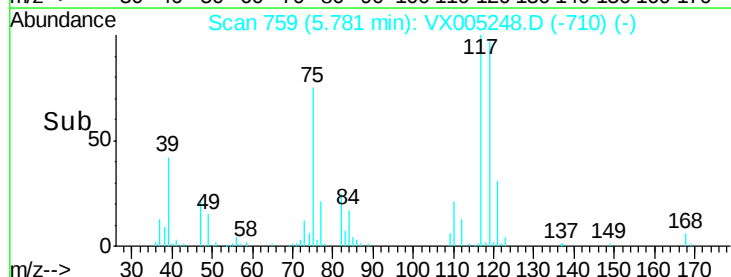
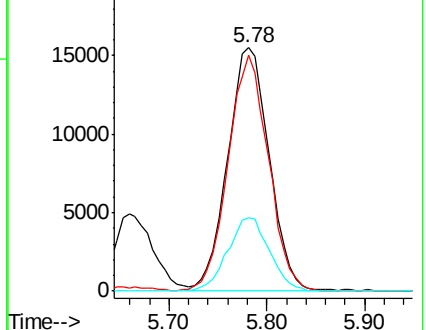
121 30.2 22.5 33.7

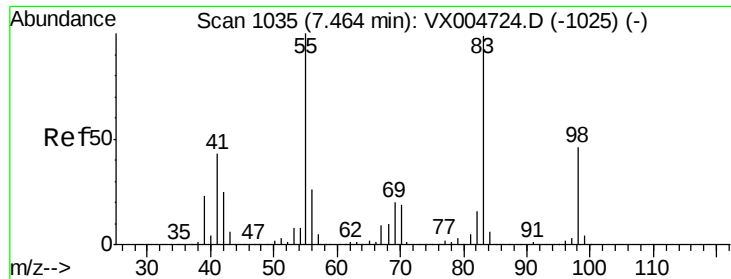


Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX004724.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX004724.D (-748) (-)

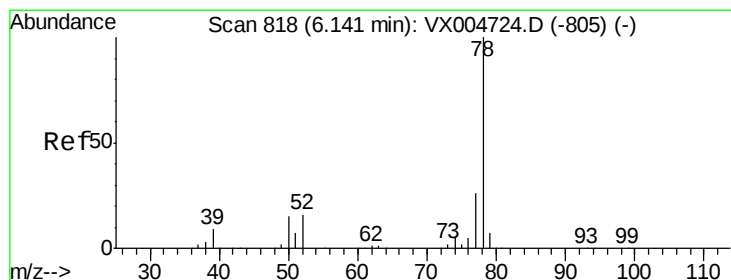
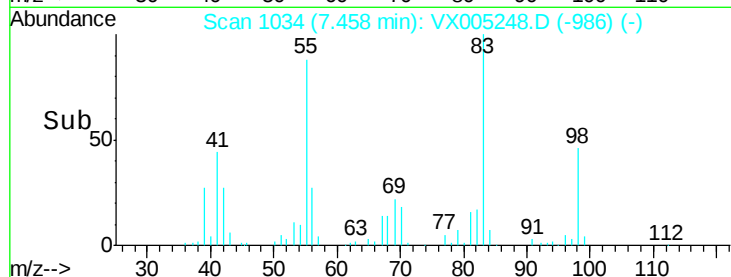
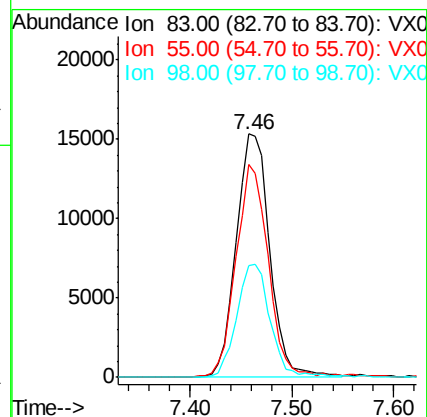
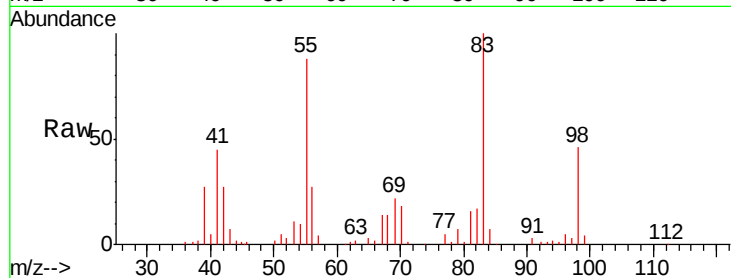




#39
Methylcyclohexane
Concen: 11.03 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

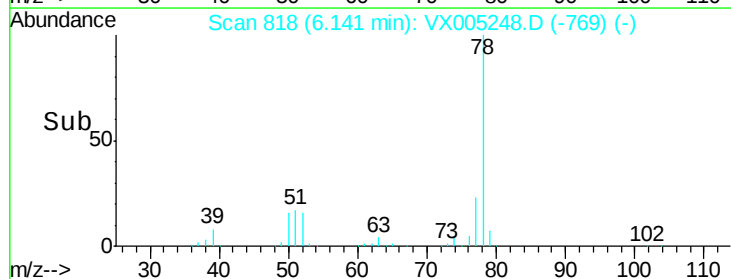
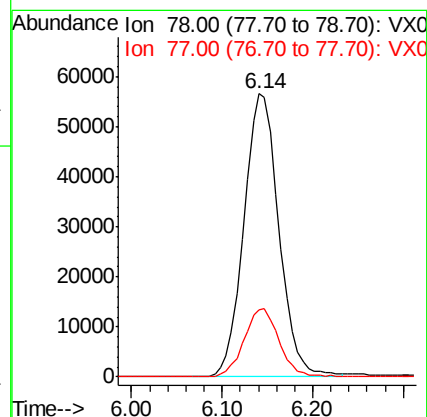
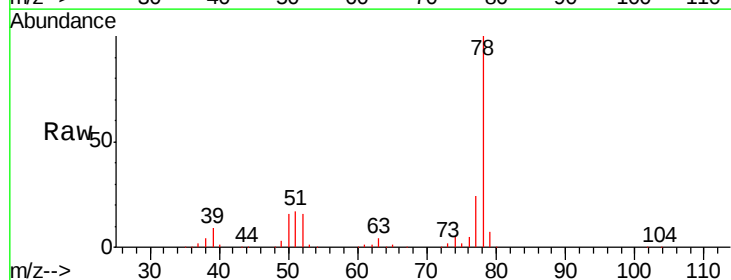
Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

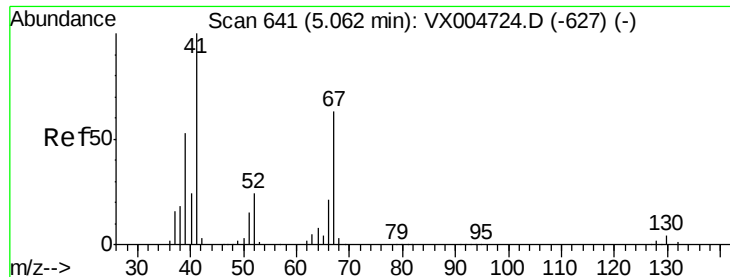
Tgt Ion: 83 Resp: 34983
Ion Ratio Lower Upper
83 100
55 87.2 81.1 121.7
98 45.7 37.3 55.9



#40
Benzene
Concen: 15.58 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion: 78 Resp: 151475
Ion Ratio Lower Upper
78 100
77 23.8 21.0 31.4

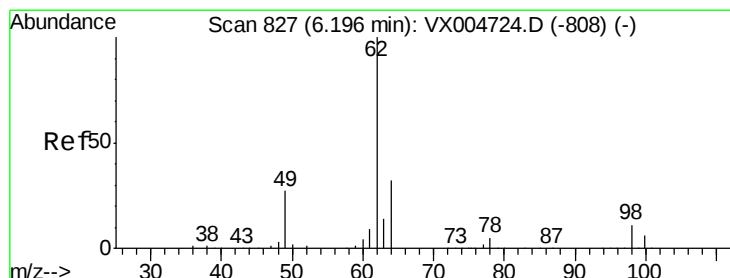
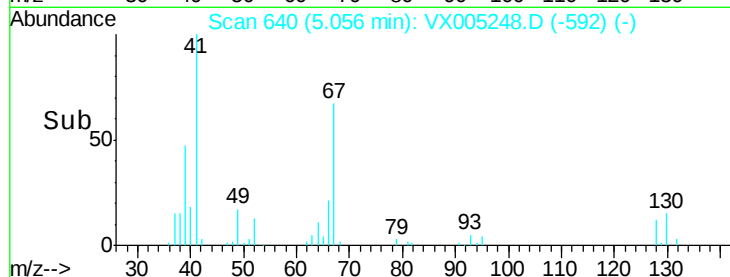
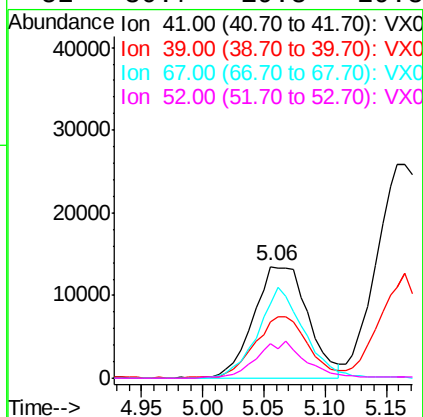
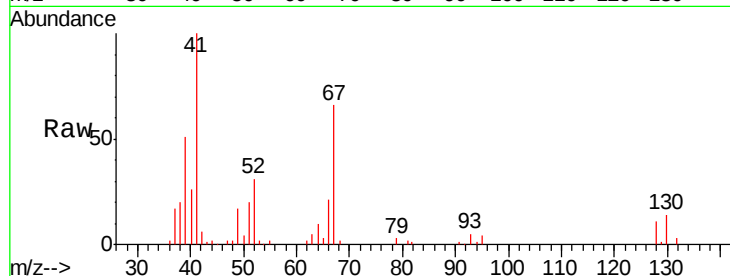




#41
Methacrylonitrile
Concen: 18.18 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

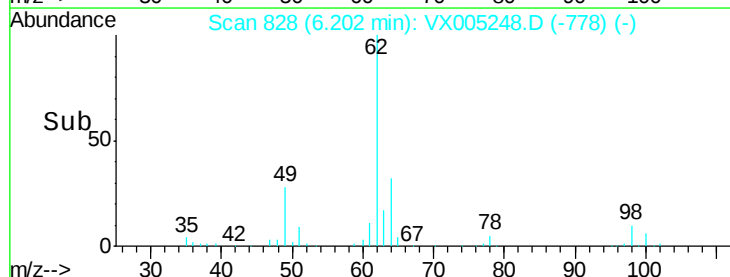
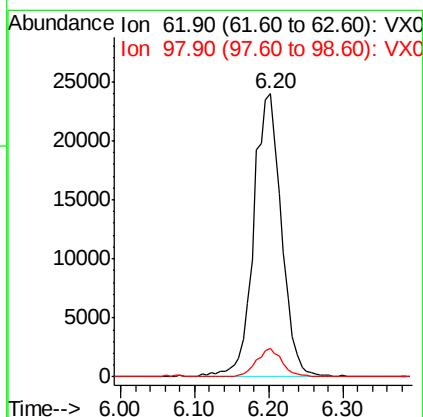
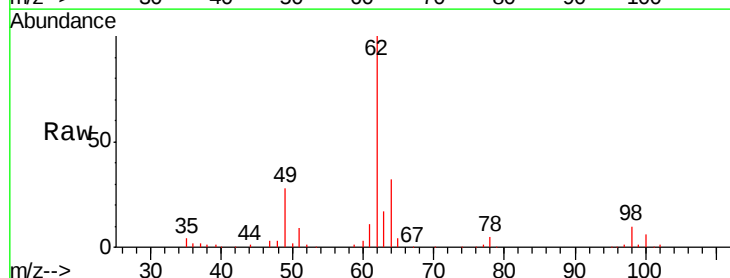
Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

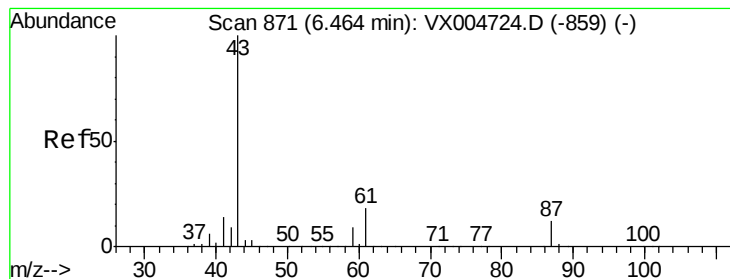
Tgt Ion:	41	Resp:	41542
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.5	63.7
67	69.2	53.0	79.6
52	30.7	19.8	29.8#



#42
1,2-Dichloroethane
Concen: 18.12 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion:	62	Resp:	62261
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.2





#43

Isopropyl Acetate

Concen: 17.55 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

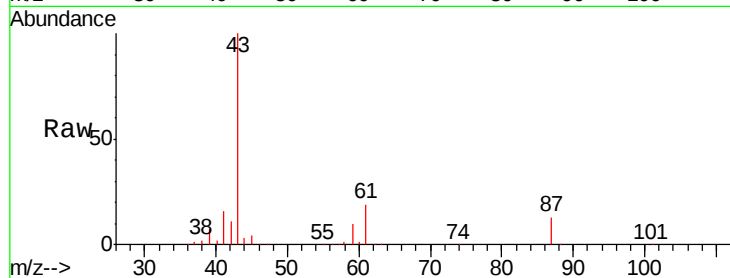
Tgt Ion: 43 Resp: 104381

Ion Ratio Lower Upper

43 100

61 19.4 14.2 21.4

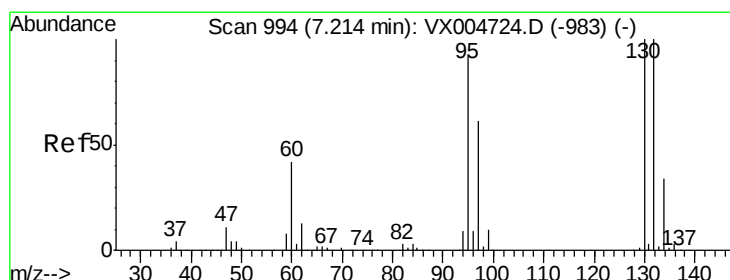
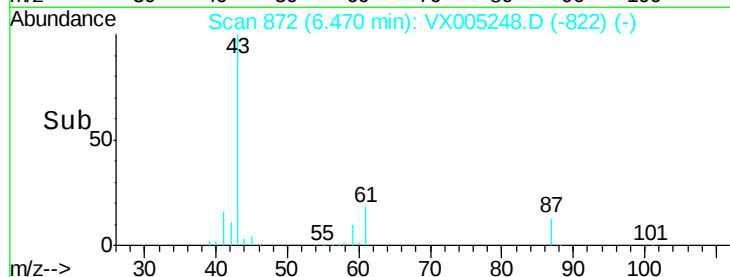
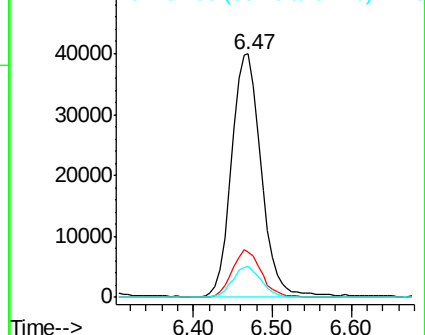
87 12.3 9.3 13.9



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: 16.11 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005248.D

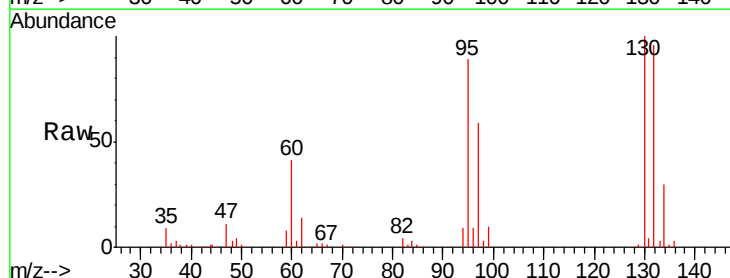
Acq: 11 Oct 2018 11:40

Tgt Ion: 130 Resp: 38502

Ion Ratio Lower Upper

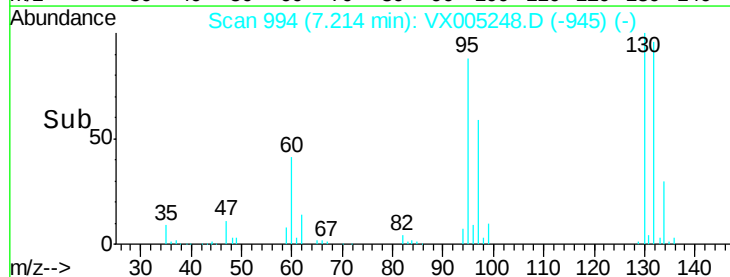
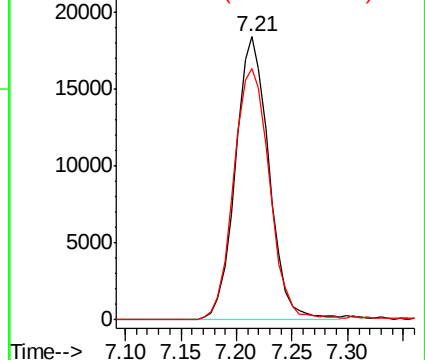
130 100

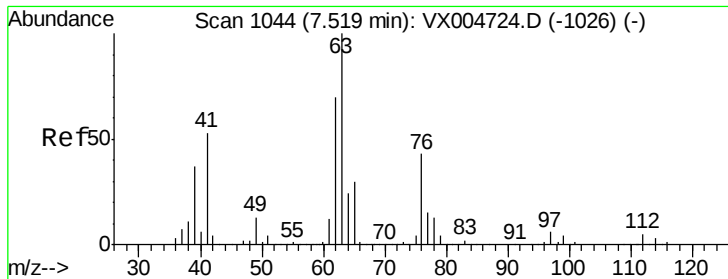
95 88.7 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 17.92 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

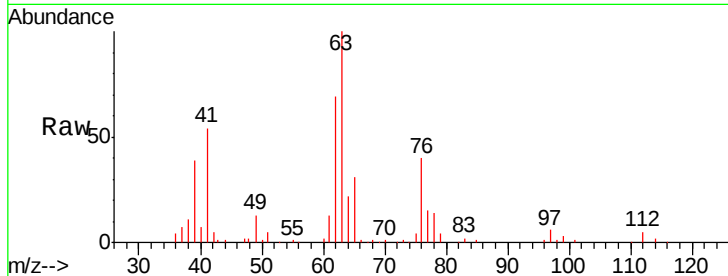
VU1010WBS07

Tgt Ion: 63 Resp: 42712

Ion Ratio Lower Upper

63 100

65 31.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

25000

20000

15000

10000

5000

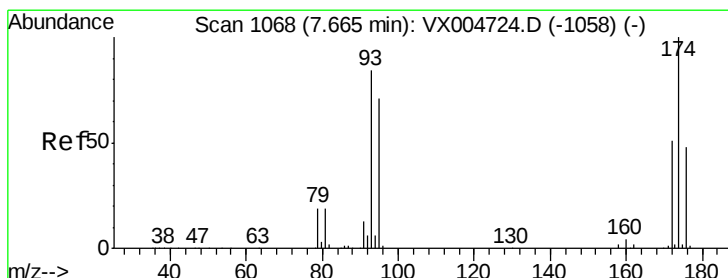
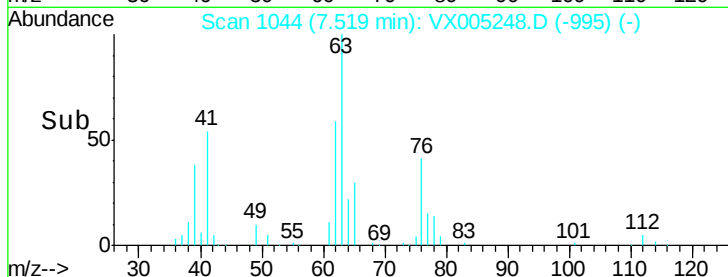
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 19.70 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

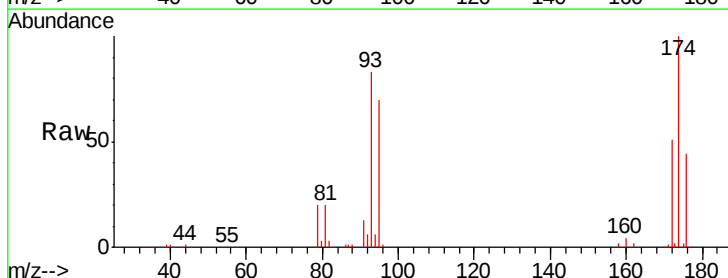
Tgt Ion: 93 Resp: 29512

Ion Ratio Lower Upper

93 100

95 85.0 66.7 100.1

174 117.5 92.7 139.1



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

25000

20000

15000

10000

5000

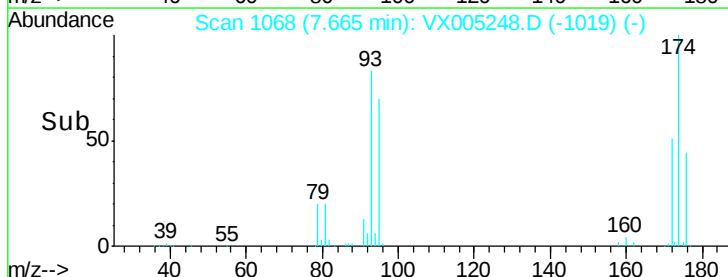
0

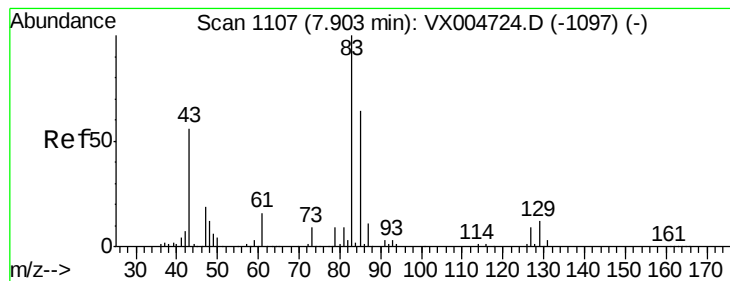
Time-->

7.60

7.70

7.80





#47

Bromodichloromethane

Concen: 19.56 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

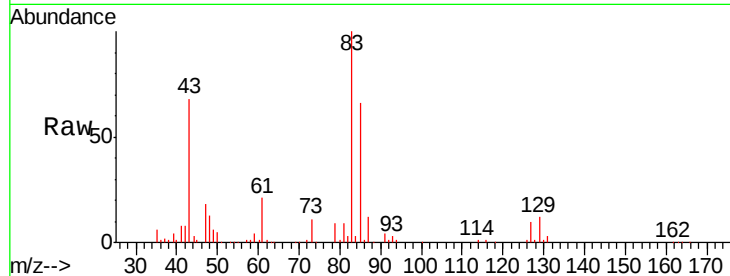
Tgt Ion: 83 Resp: 54866

Ion Ratio Lower Upper

83 100

85 65.6 51.2 76.8

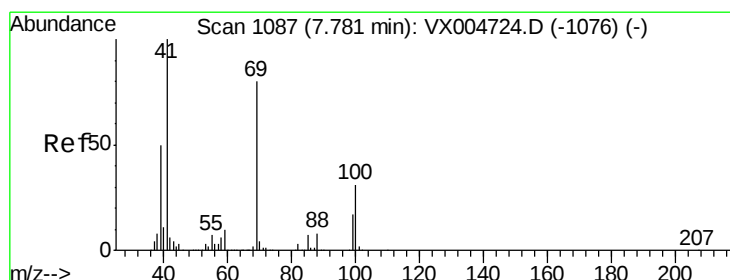
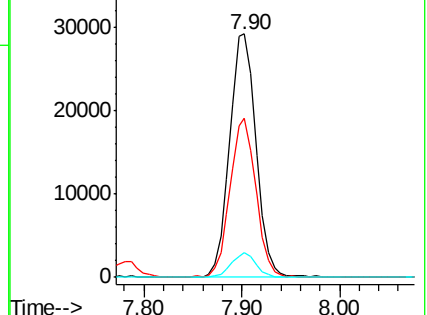
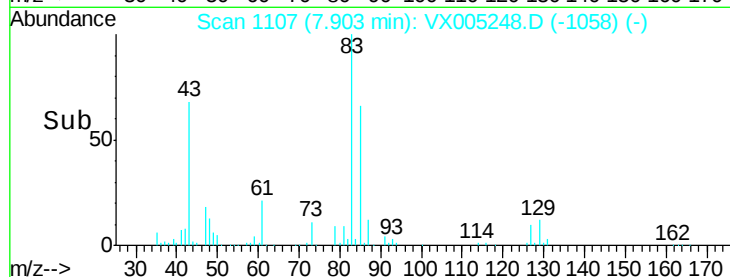
127 10.0 7.0 10.6



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: 20.38 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

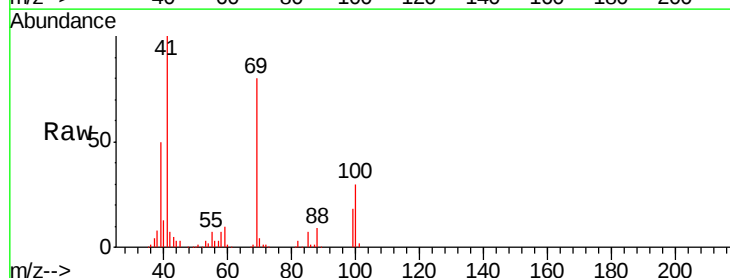
Tgt Ion: 41 Resp: 55028

Ion Ratio Lower Upper

41 100

69 80.4 63.8 95.6

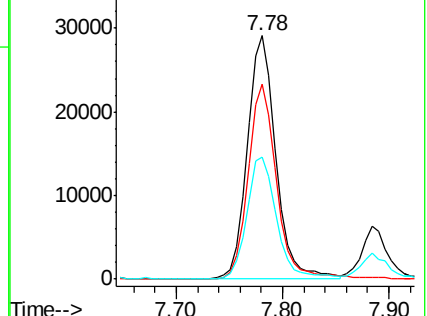
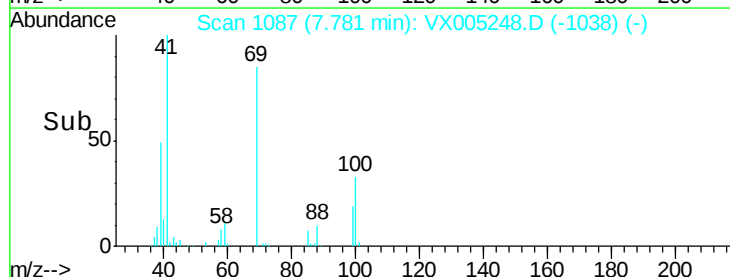
39 52.1 40.7 61.1

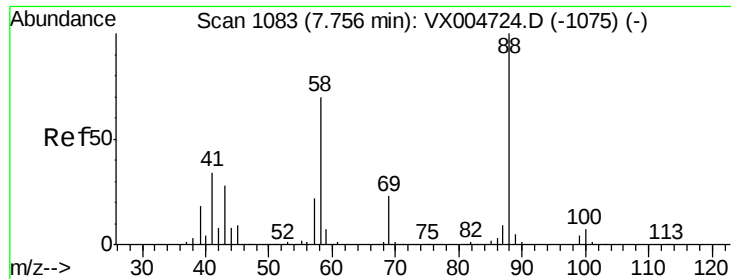


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

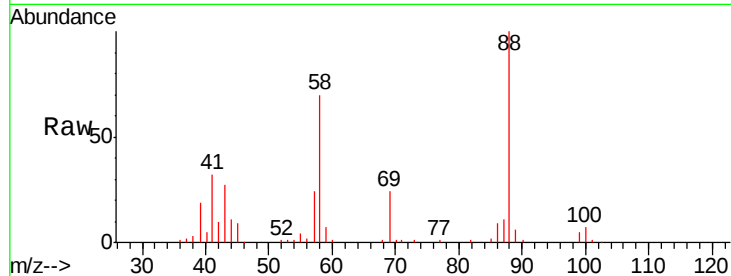




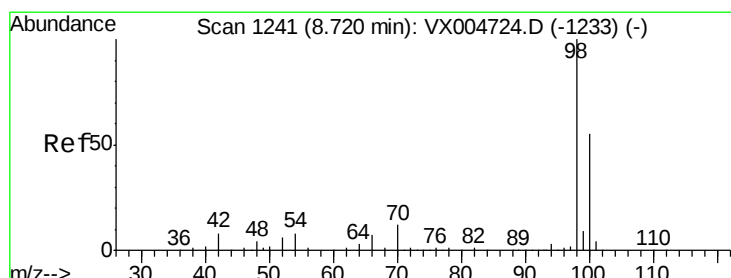
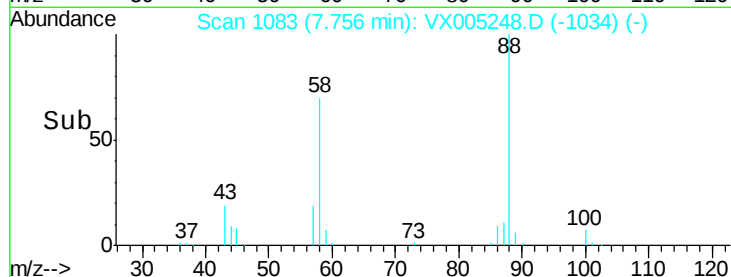
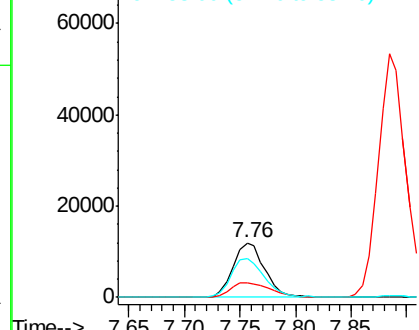
#49
1,4-Dioxane
Concen: 351.81 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

Tgt Ion: 88 Resp: 23598
Ion Ratio Lower Upper
88 100
43 35.1 25.1 37.7
58 75.4 56.2 84.2

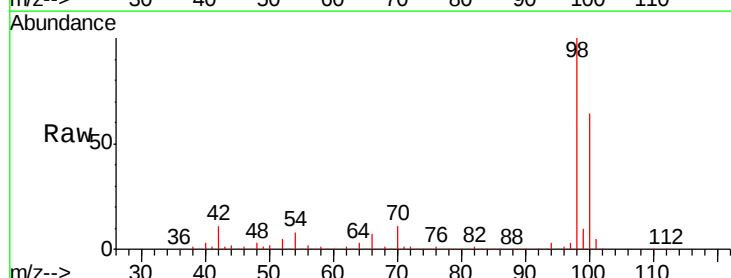


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

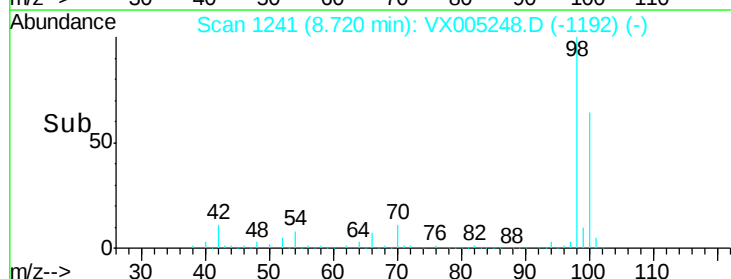
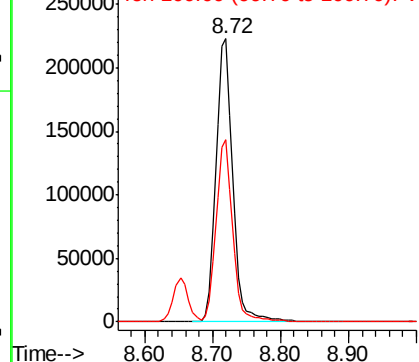


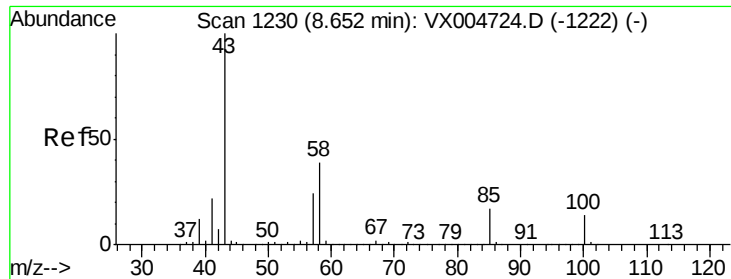
#50
Toluene-d8
Concen: 50.25 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion: 98 Resp: 380139
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 104.92 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

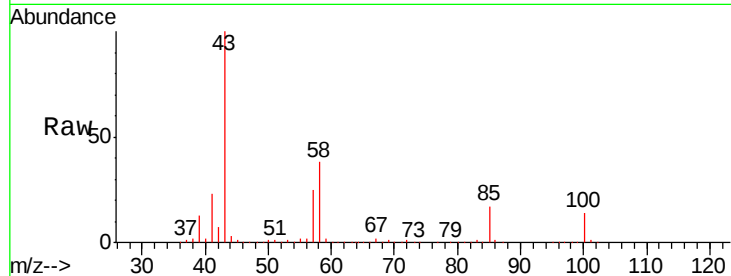
VU1010WBS07

Tgt Ion: 43 Resp: 392989

Ion Ratio Lower Upper

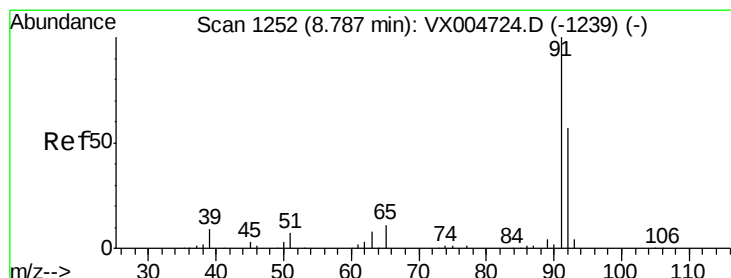
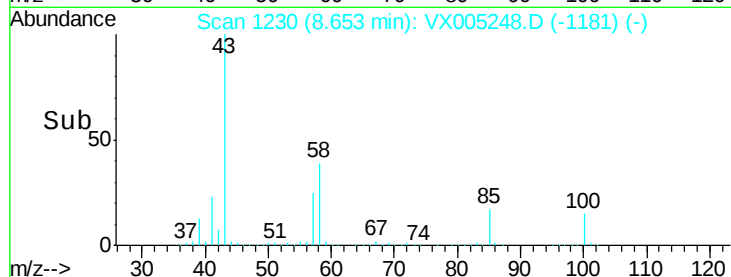
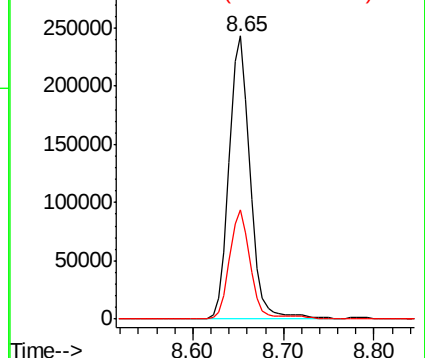
43 100

58 37.3 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 17.86 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005248.D

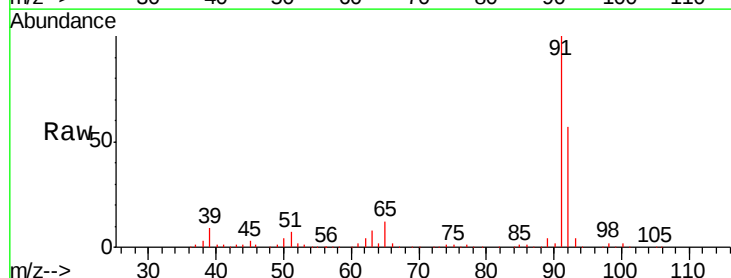
Acq: 11 Oct 2018 11:40

Tgt Ion: 92 Resp: 95375

Ion Ratio Lower Upper

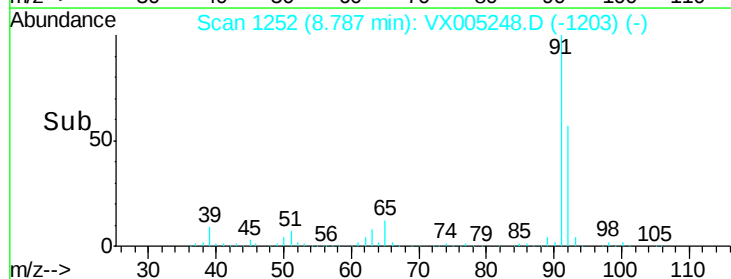
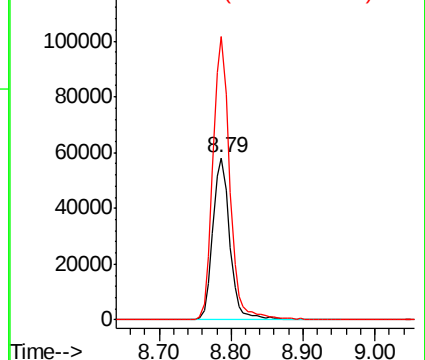
92 100

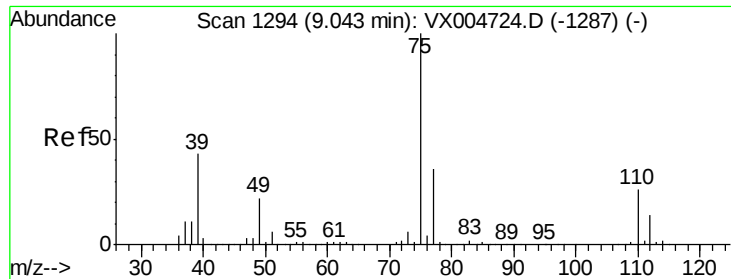
91 173.2 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.30 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

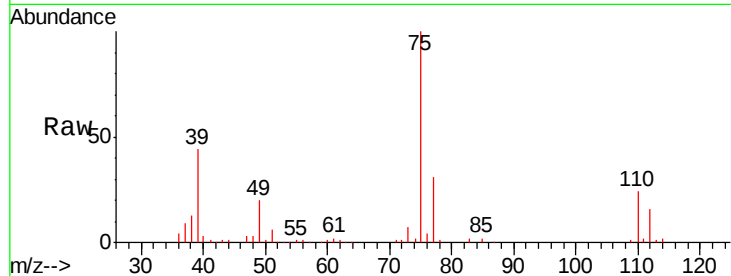
VU1010WBS07

Tgt Ion: 75 Resp: 58016

Ion Ratio Lower Upper

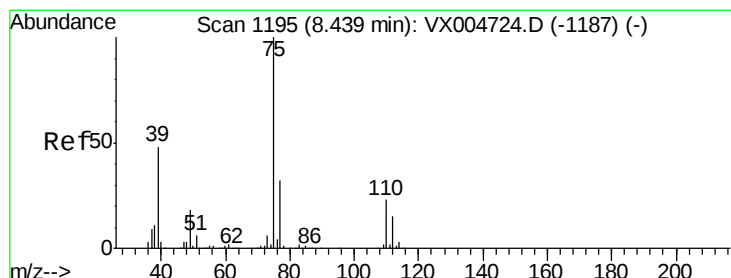
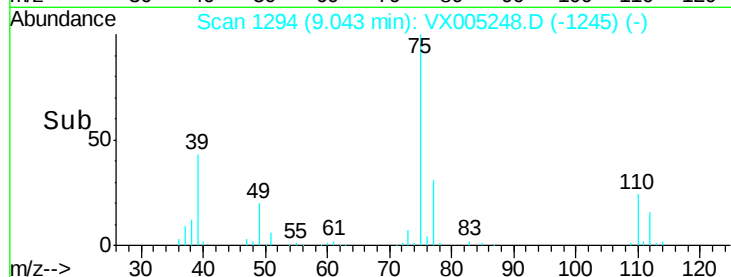
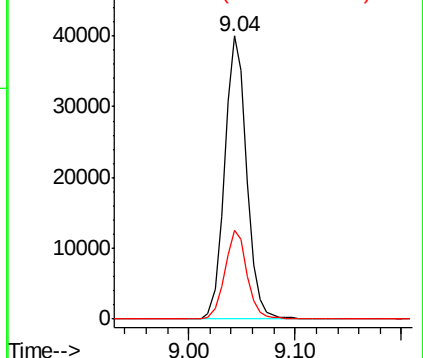
75 100

77 31.3 28.9 43.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.86 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

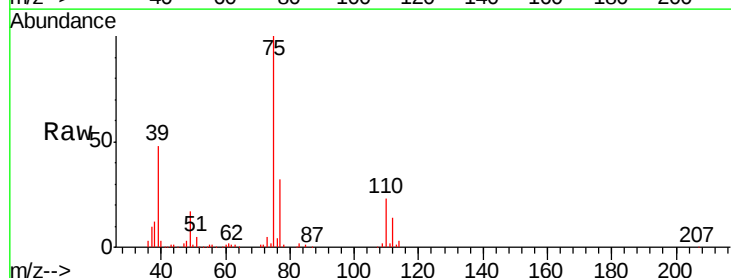
Tgt Ion: 75 Resp: 65929

Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5

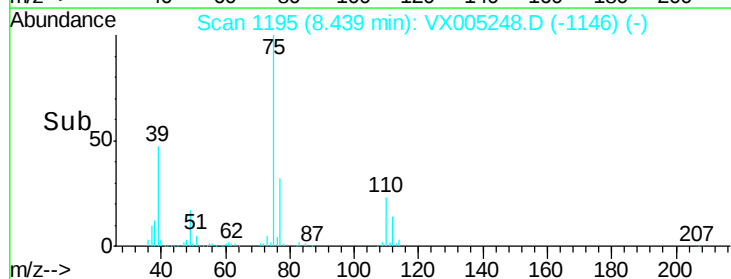
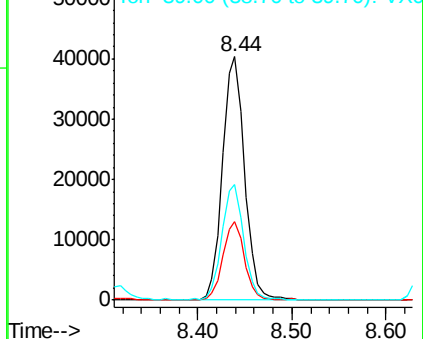
39 47.4 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

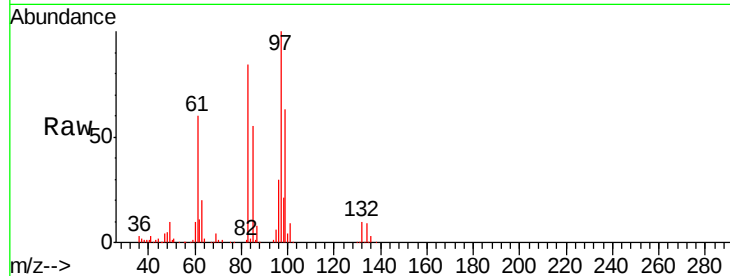




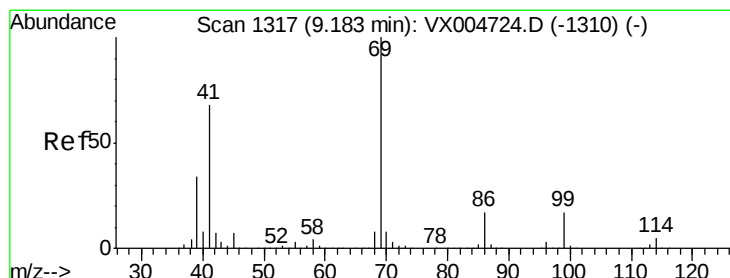
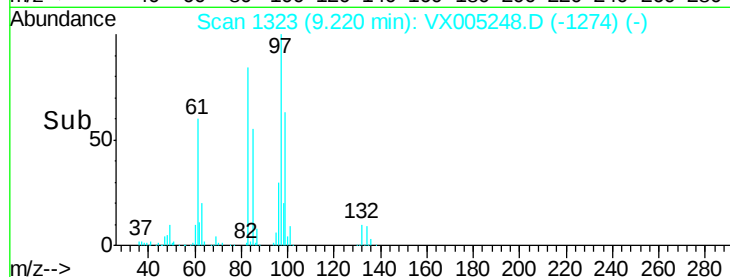
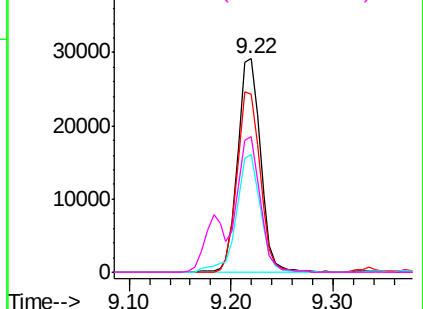
#55
 1,1,2-Trichloroethane
 Concen: 19.26 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VU1010WBS07

Tgt Ion: 97 Resp: 45066
 Ion Ratio Lower Upper
 97 100
 83 83.6 68.2 102.2
 85 55.2 49.9 74.9
 99 63.0 48.9 73.3

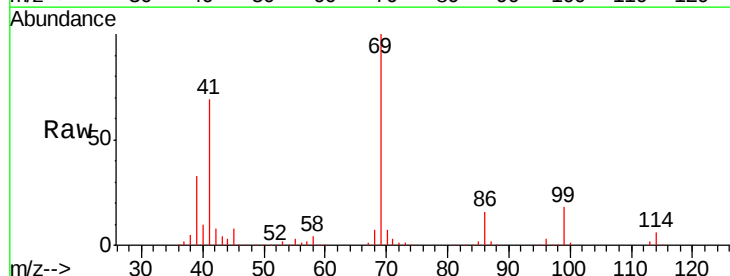


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

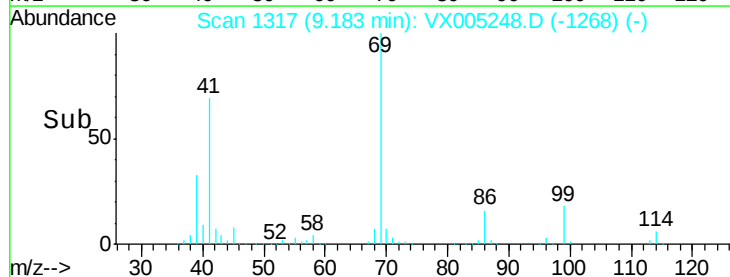
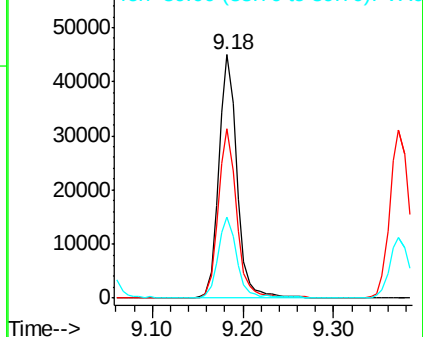


#56
 Ethyl methacrylate
 Concen: 18.59 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Tgt Ion: 69 Resp: 63342
 Ion Ratio Lower Upper
 69 100
 41 69.6 56.9 85.3
 39 34.3 28.4 42.6



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: 19.02 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

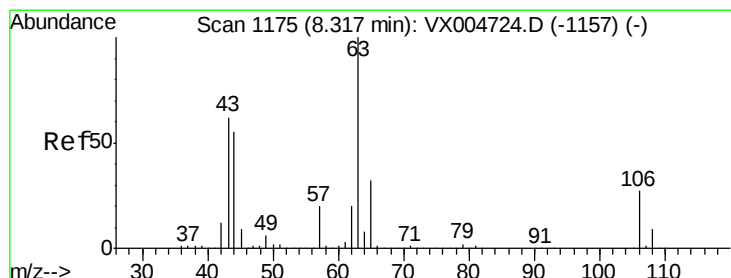
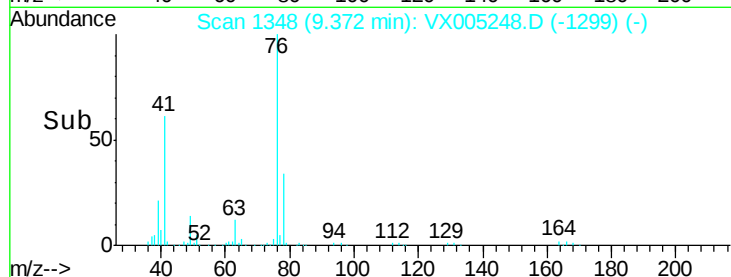
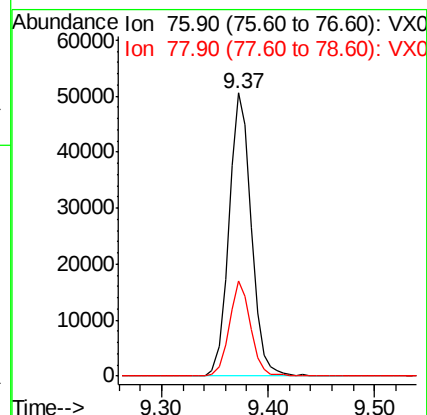
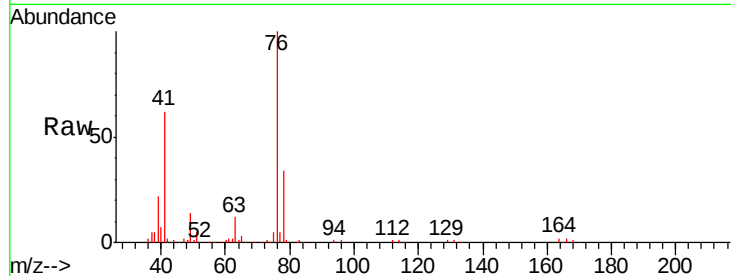
VU1010WBS07

Tgt Ion: 76 Resp: 74042

Ion Ratio Lower Upper

76 100

78 32.1 26.6 40.0



#58

2-Chloroethyl Vinyl ether

Concen: 94.07 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX005248.D

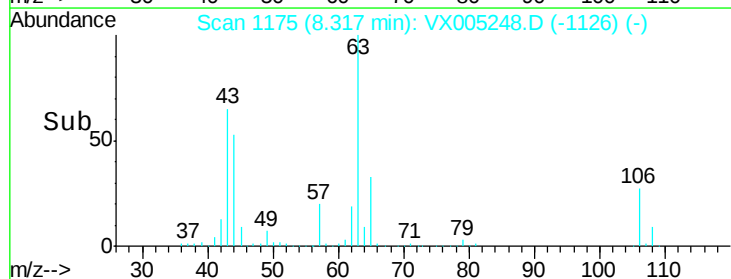
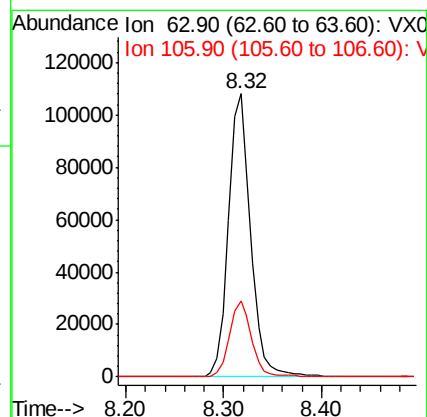
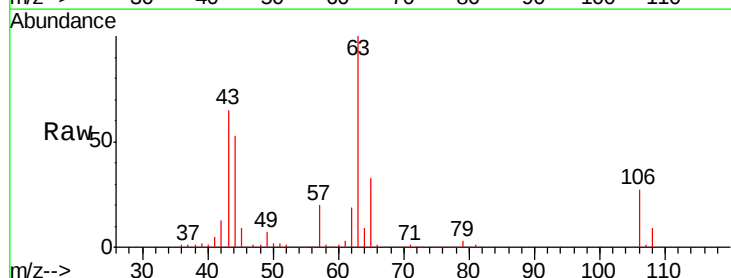
Acq: 11 Oct 2018 11:40

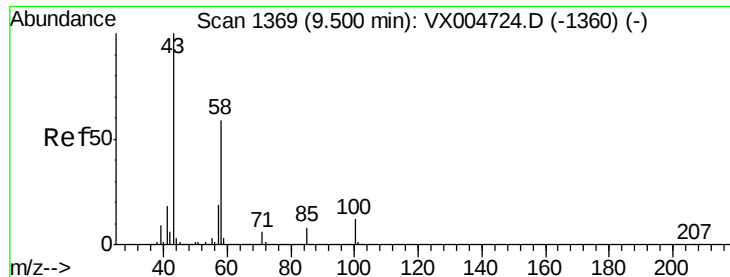
Tgt Ion: 63 Resp: 170633

Ion Ratio Lower Upper

63 100

106 26.7 21.0 31.6

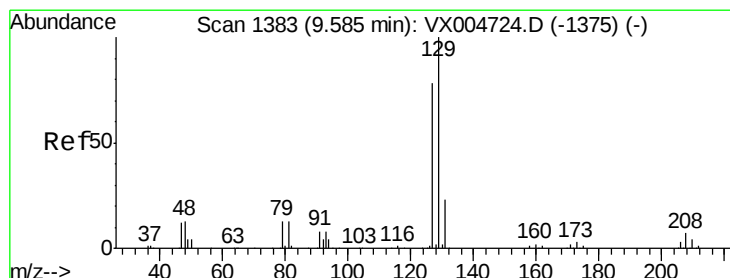
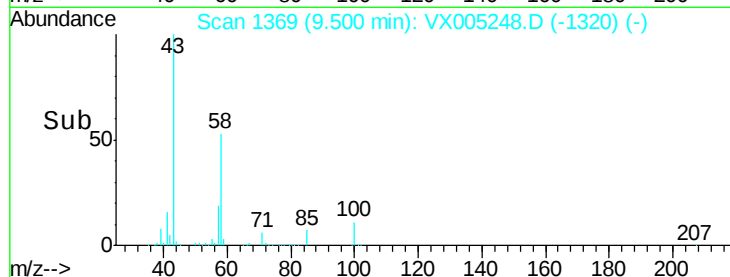
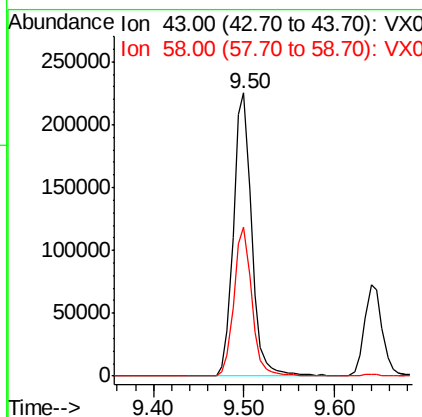
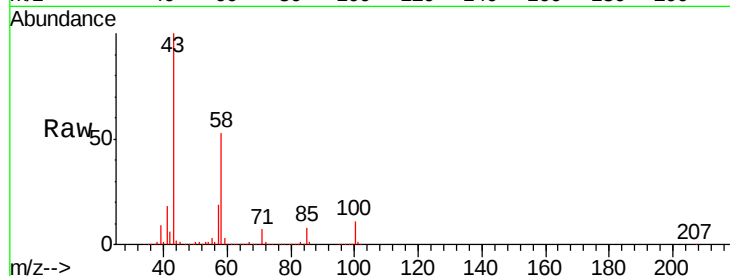




#59
2-Hexanone
Concen: 100.79 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

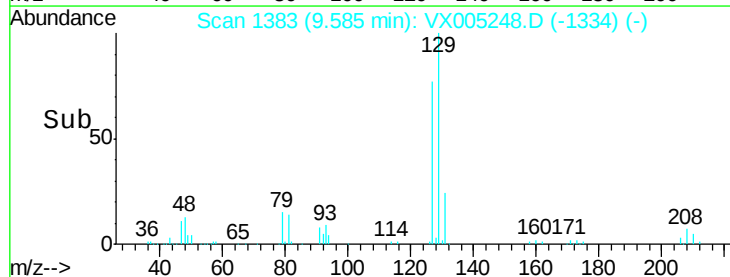
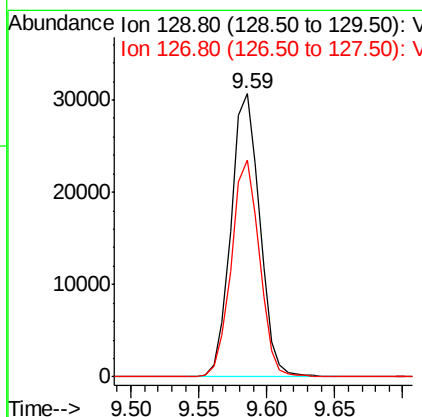
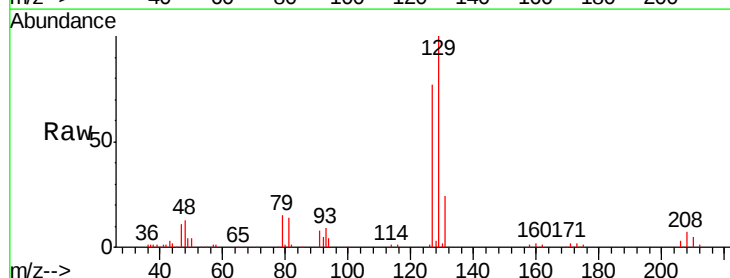
Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

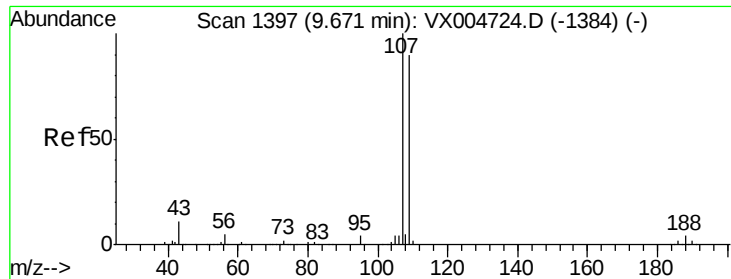
Tgt Ion: 43 Resp: 314565
Ion Ratio Lower Upper
43 100
58 51.8 28.4 85.3



#60
Dibromochloromethane
Concen: 19.26 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion: 129 Resp: 45052
Ion Ratio Lower Upper
129 100
127 75.4 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.58 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

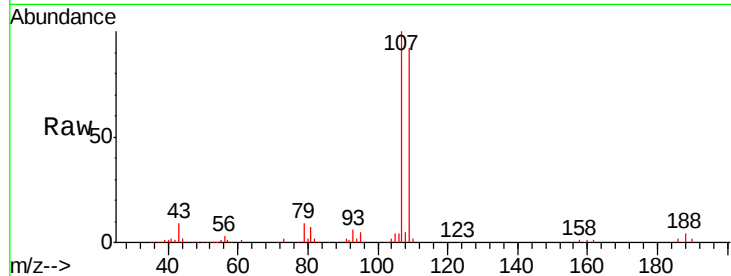
VU1010WBS07

Tgt Ion: 107 Resp: 46557

Ion Ratio Lower Upper

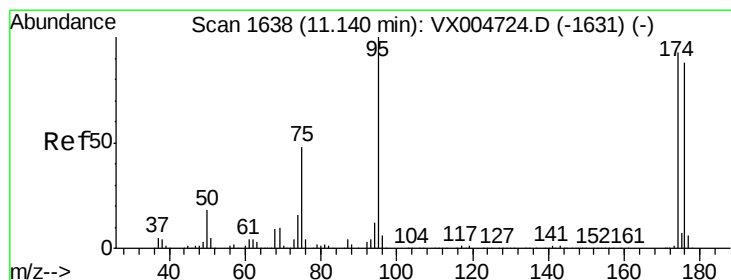
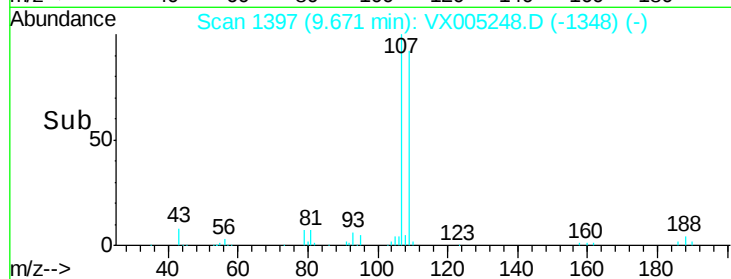
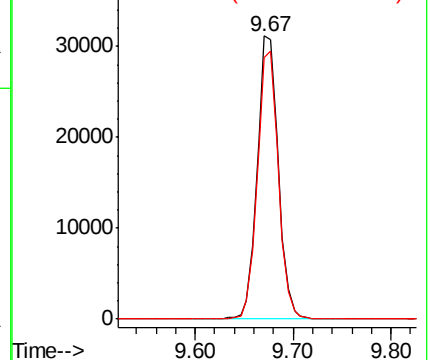
107 100

109 94.5 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.79 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

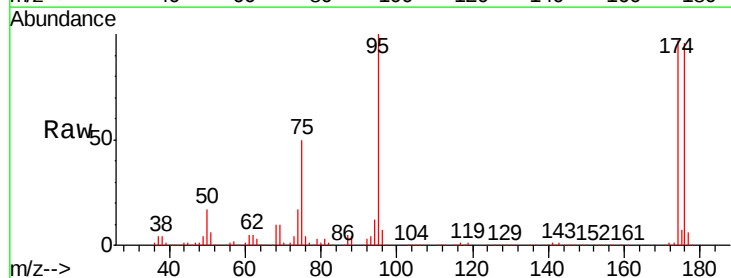
Tgt Ion: 95 Resp: 146612

Ion Ratio Lower Upper

95 100

174 93.8 0.0 185.0

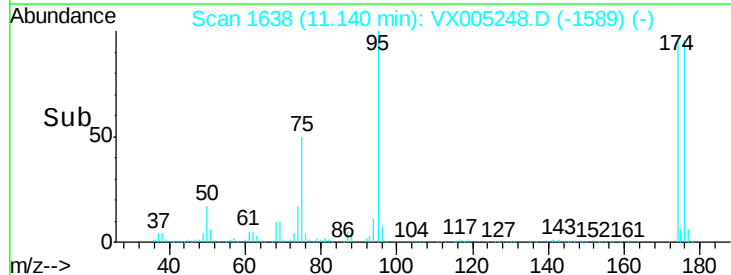
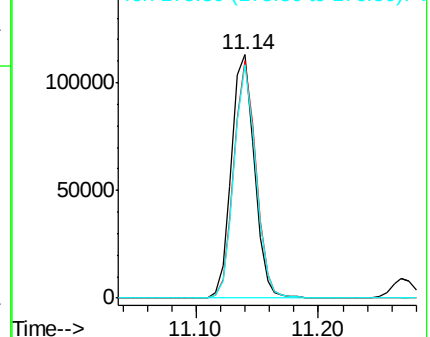
176 91.5 0.0 180.2

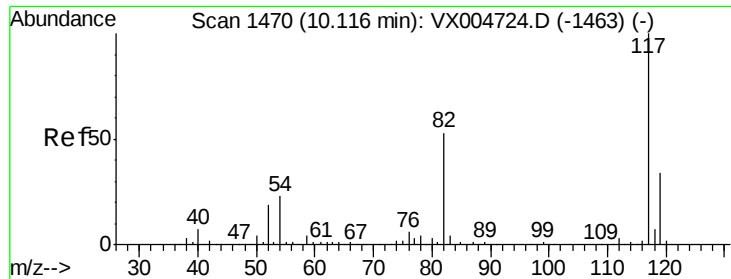


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

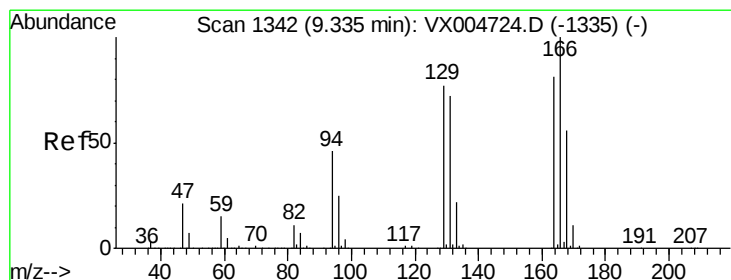
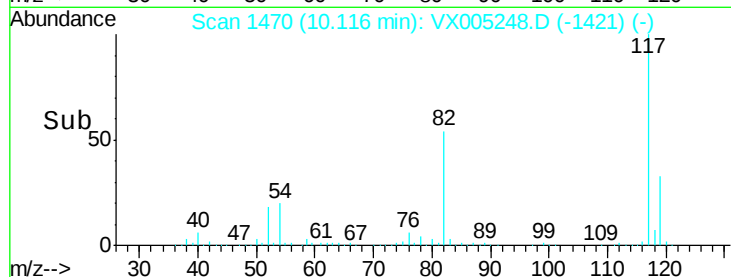
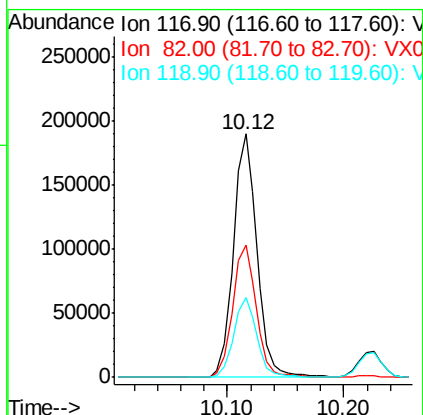
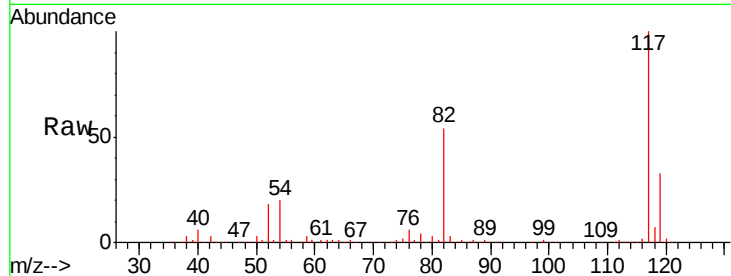




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

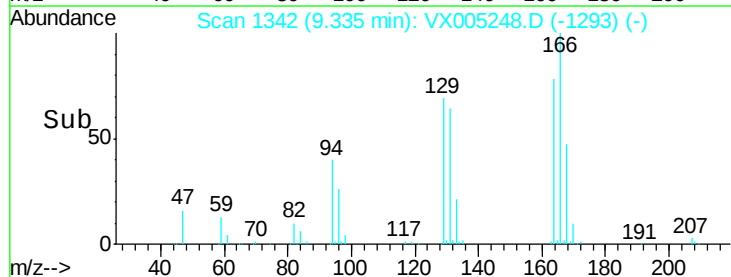
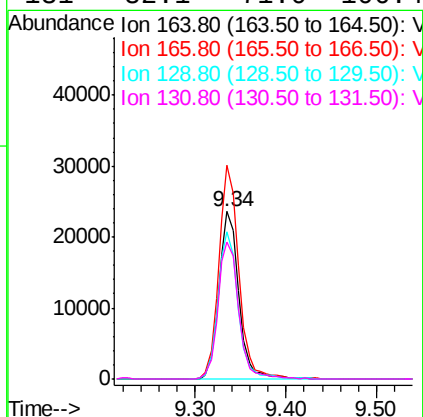
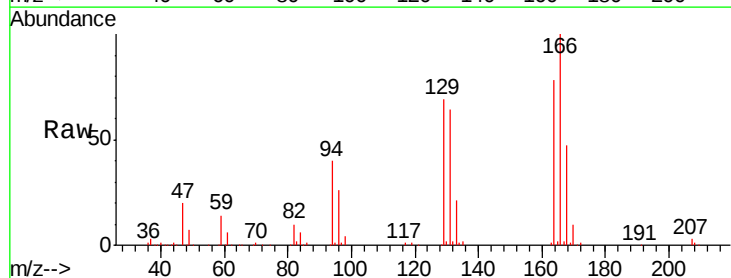
Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

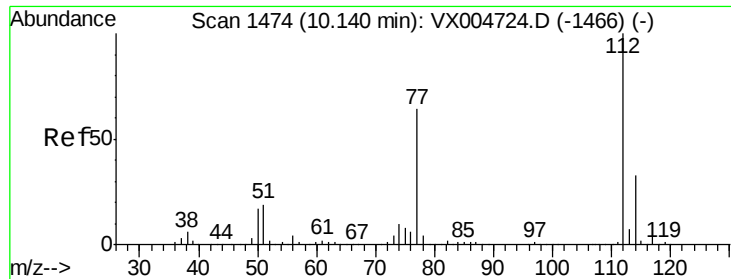
Tgt Ion:117 Resp: 267236
Ion Ratio Lower Upper
117 100
82 54.1 42.2 63.4
119 32.6 27.4 41.0



#64
Tetrachloroethene
Concen: 13.76 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion:164 Resp: 36182
Ion Ratio Lower Upper
164 100
166 127.7 98.4 147.6
129 87.9 76.1 114.1
131 82.1 71.0 106.4





#65

Chlorobenzene

Concen: 16.07 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

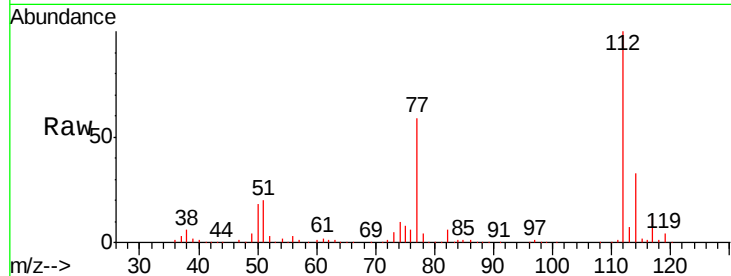
VU1010WBS07

Tgt Ion:112 Resp: 110156

Ion Ratio Lower Upper

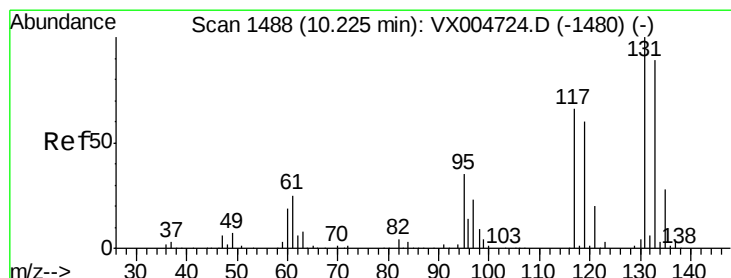
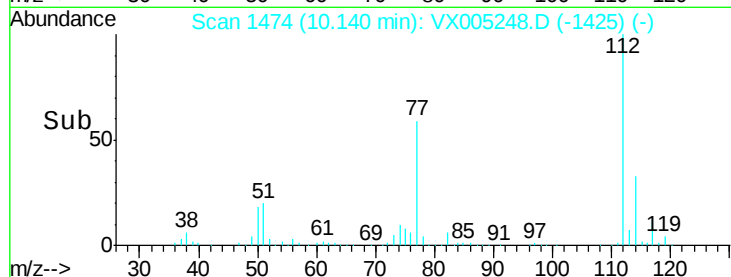
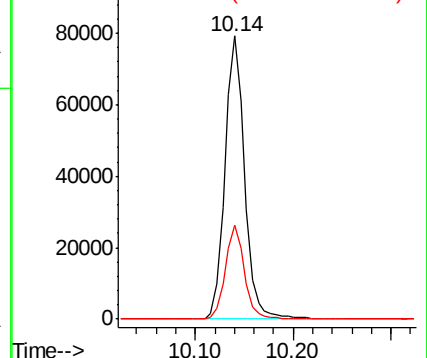
112 100

114 33.4 26.7 40.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 16.99 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

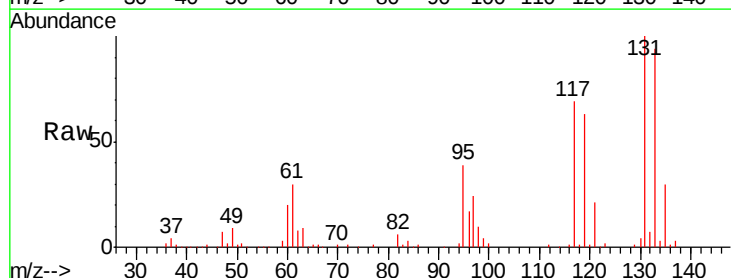
Tgt Ion:131 Resp: 40925

Ion Ratio Lower Upper

131 100

133 97.4 48.4 145.0

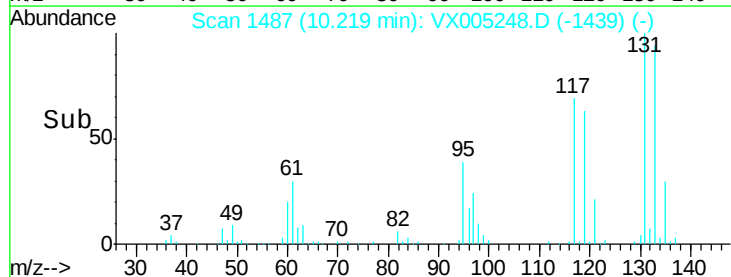
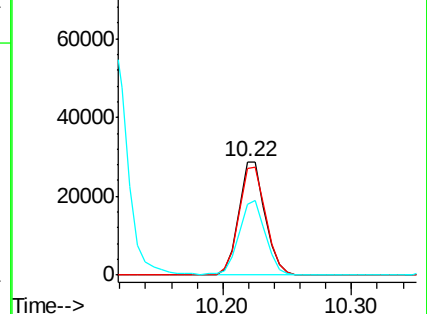
119 66.3 32.3 96.8

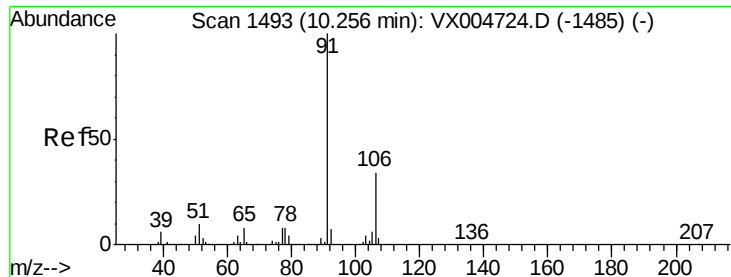


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

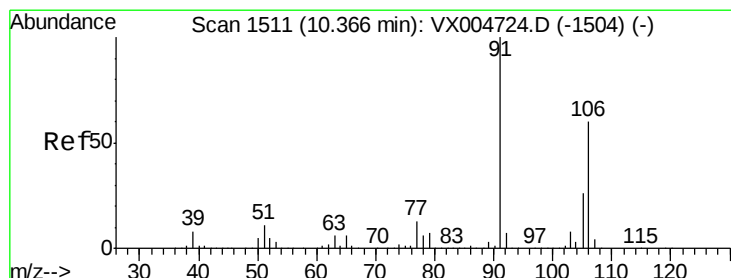
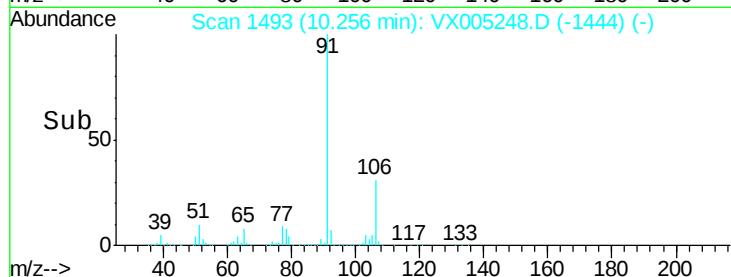
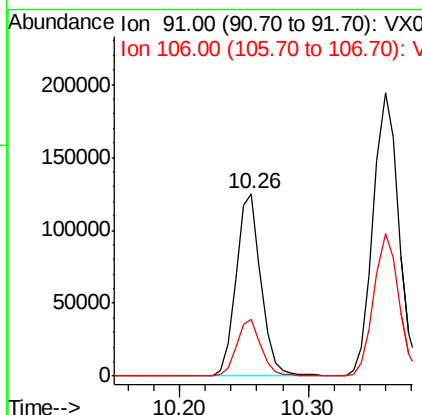
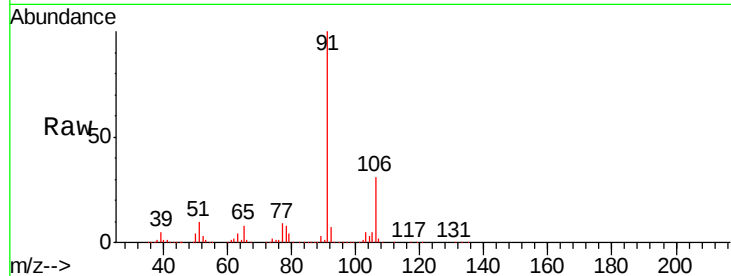




#67
Ethyl Benzene
Concen: 15.52 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

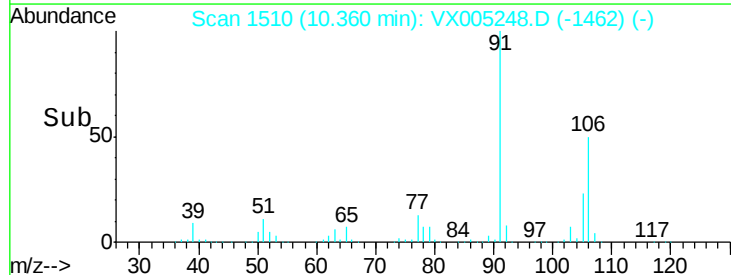
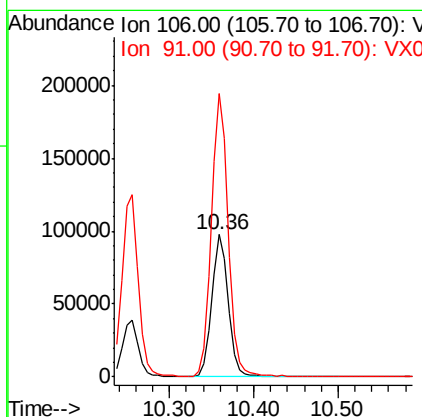
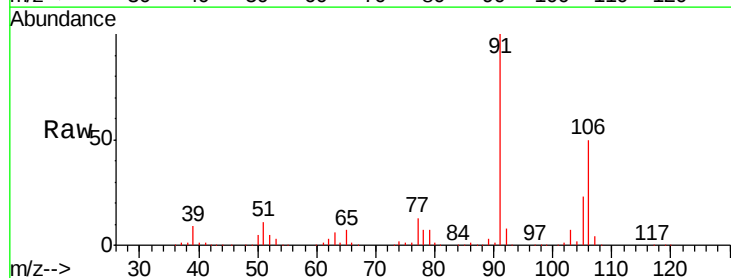
Instrument :
MSVOA_X
ClientSampled :
VU1010WBS07

Tgt Ion: 91 Resp: 168889
Ion Ratio Lower Upper
91 100
106 30.9 26.9 40.3



#68
m/p-Xylenes
Concen: 31.35 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion: 106 Resp: 133294
Ion Ratio Lower Upper
106 100
91 202.3 157.5 236.3

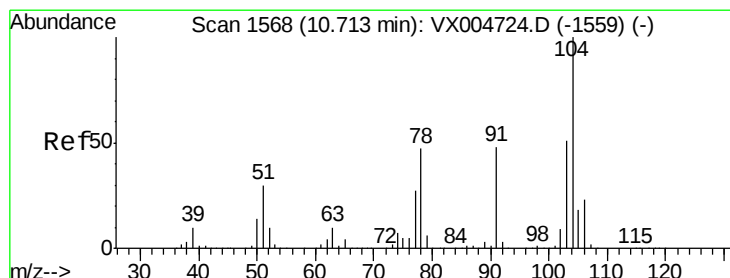
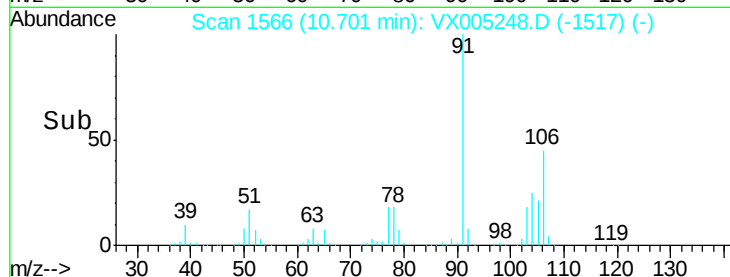
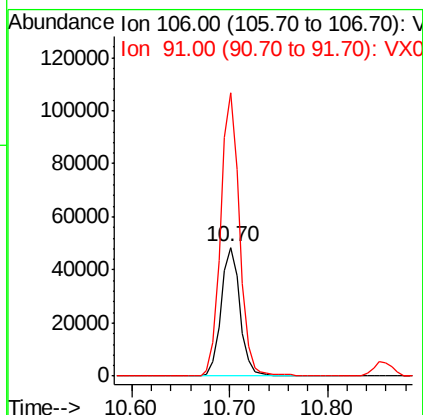
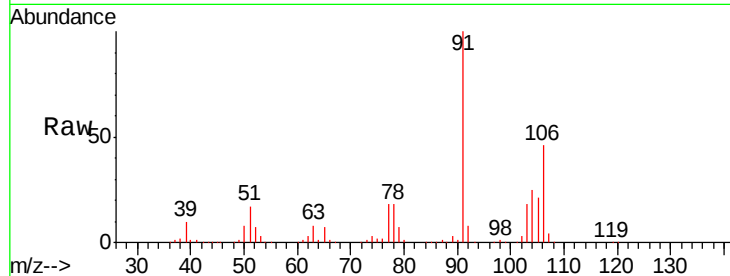




#69
o-Xylene
Concen: 16.76 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

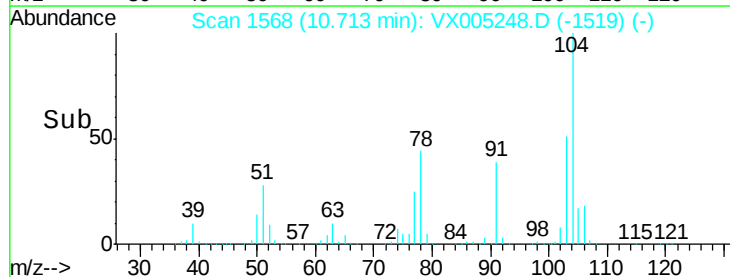
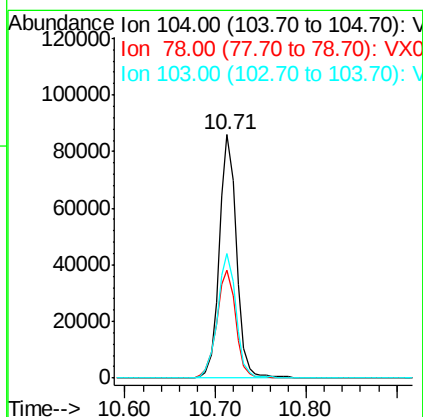
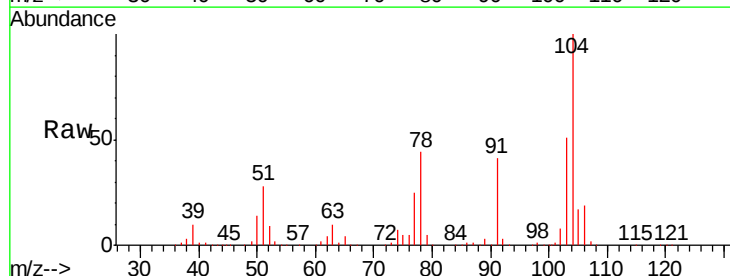
Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

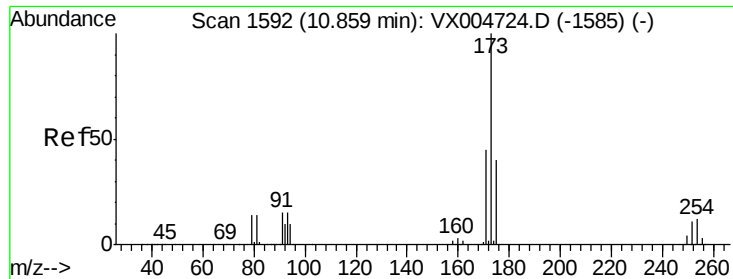
Tgt Ion:106 Resp: 65427
Ion Ratio Lower Upper
106 100
91 218.4 108.3 324.8



#70
Styrene
Concen: 17.11 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion:104 Resp: 114238
Ion Ratio Lower Upper
104 100
78 49.4 40.0 60.0
103 55.2 44.3 66.5

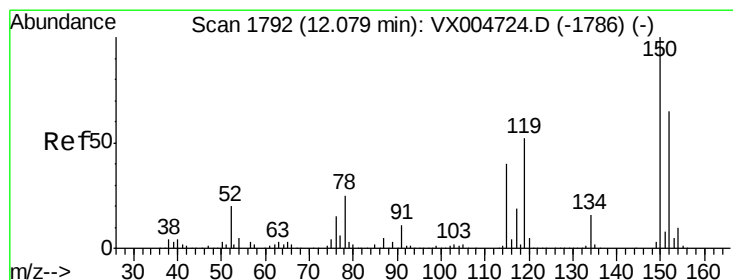
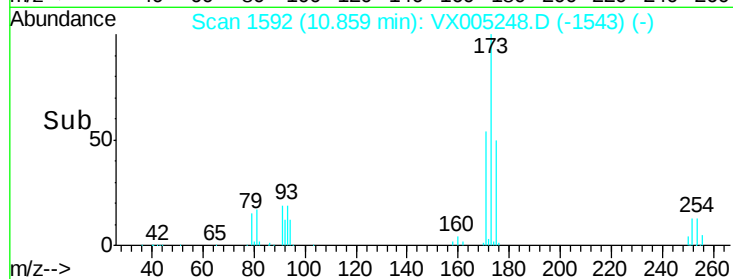
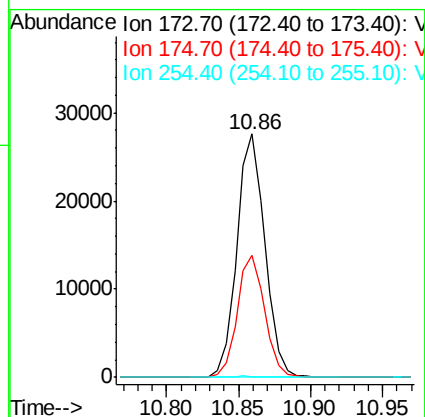
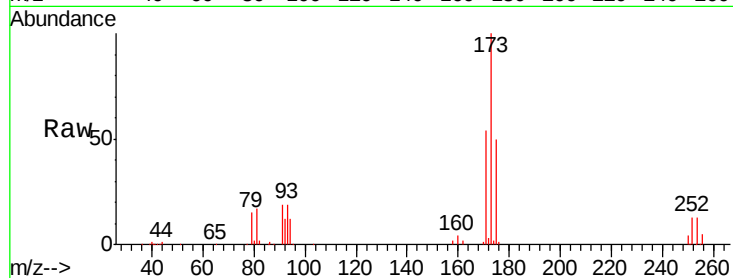




#71
Bromoform
Concen: 18.10 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

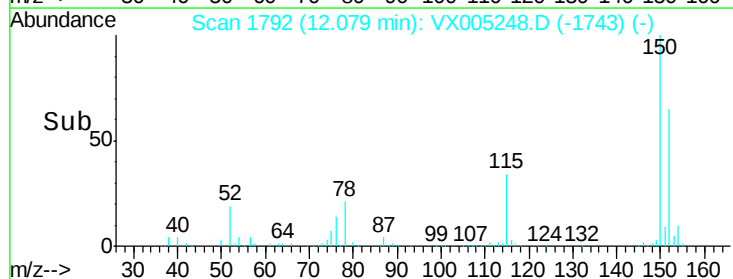
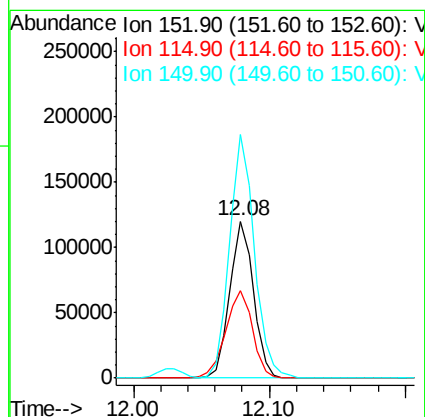
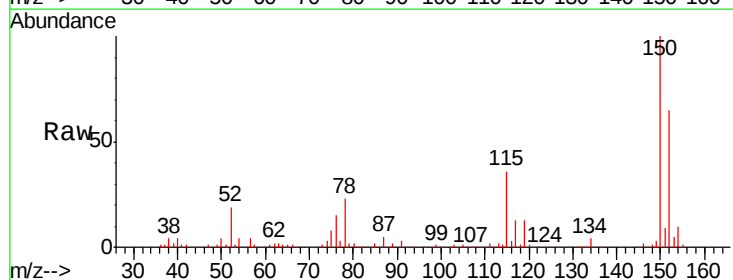
Instrument :
MSVOA_X
ClientSampleId :
VU1010WBS07

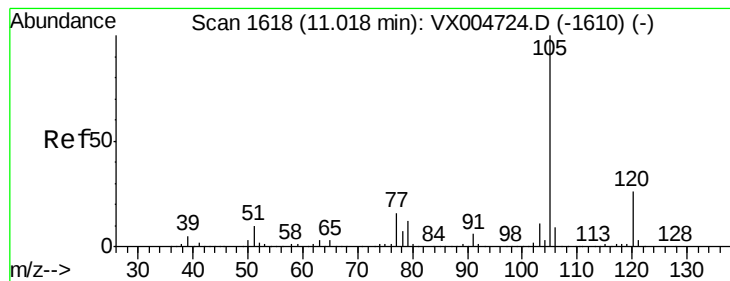
Tgt Ion:173 Resp: 37330
Ion Ratio Lower Upper
173 100
175 49.1 23.3 69.8
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005248.D
Acq: 11 Oct 2018 11:40

Tgt Ion:152 Resp: 145928
Ion Ratio Lower Upper
152 100
115 62.8 40.2 120.6
150 162.3 0.0 351.0





#73

Isopropylbenzene

Concen: 17.89 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

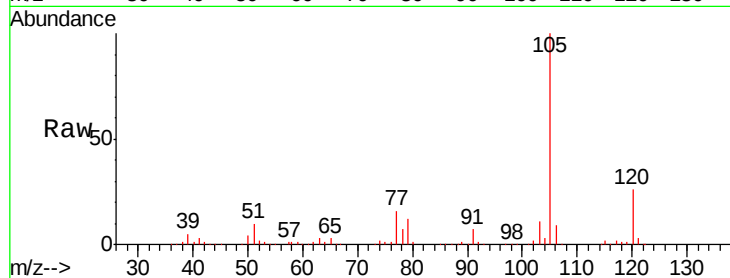
VU1010WBS07

Tgt Ion: 105 Resp: 164555

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

150000

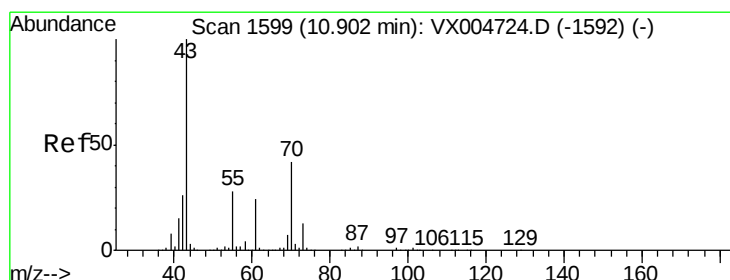
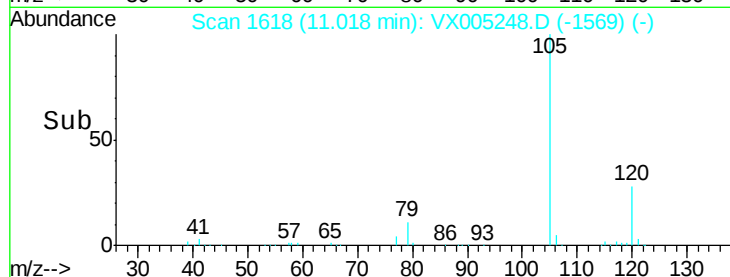
100000

50000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 19.17 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Tgt Ion: 43 Resp: 91251

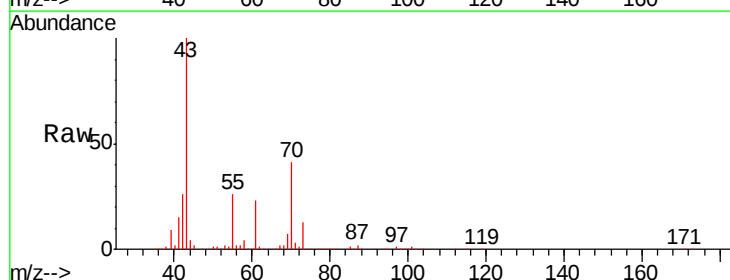
Ion Ratio Lower Upper

43 100

70 40.6 32.6 48.8

55 27.3 21.6 32.4

61 23.3 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

100000

80000

60000

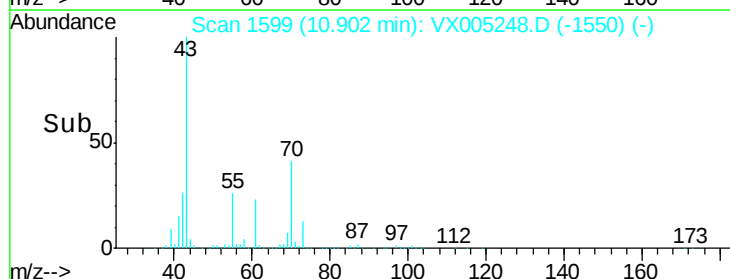
40000

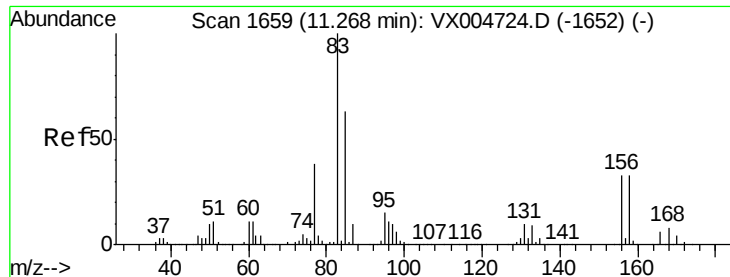
20000

0

Time-->

10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 19.96 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

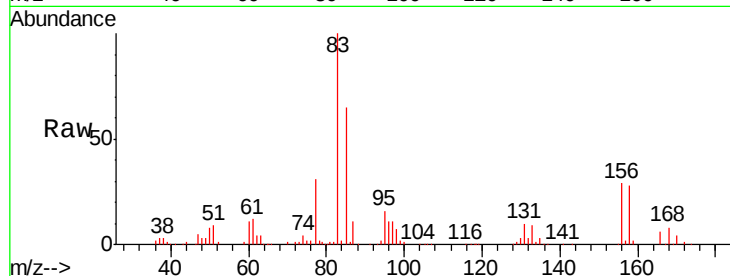
Tgt Ion: 83 Resp: 74722

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

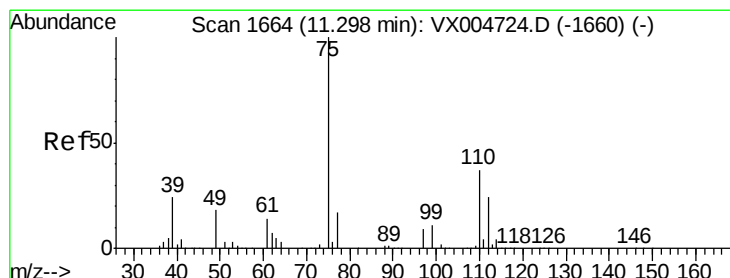
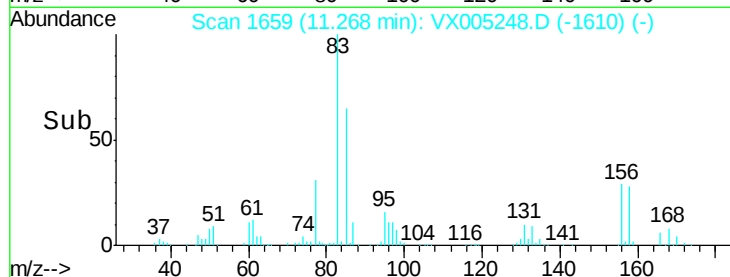
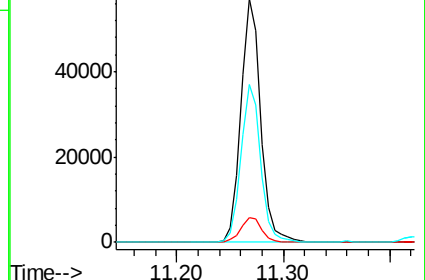
85 64.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.83 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005248.D

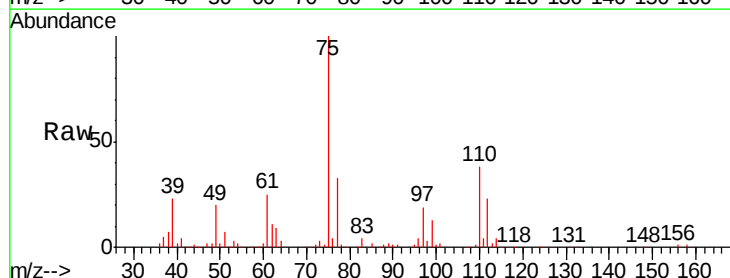
Acq: 11 Oct 2018 11:40

Tgt Ion: 75 Resp: 84499

Ion Ratio Lower Upper

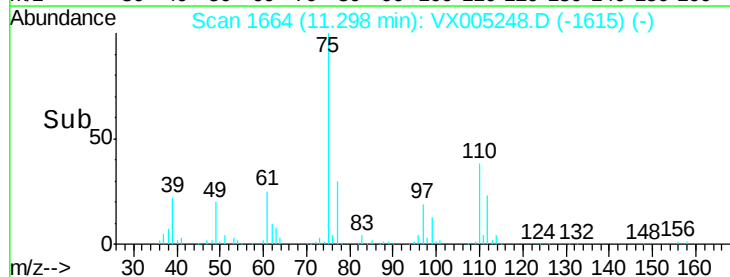
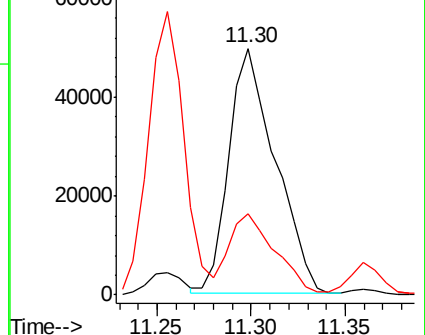
75 100

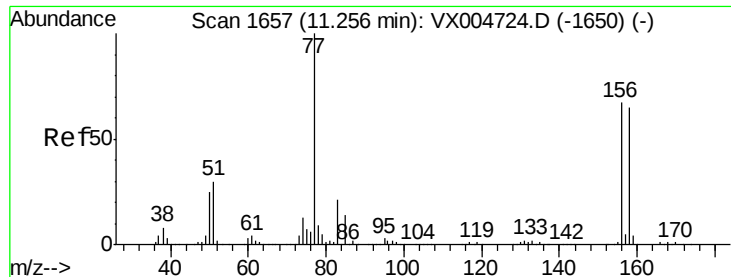
77 32.9 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.72 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

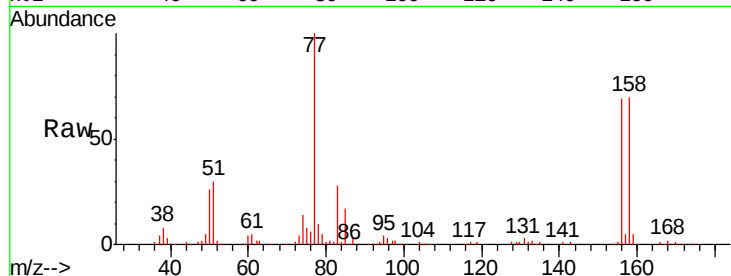
Tgt Ion:156 Resp: 52687

Ion Ratio Lower Upper

156 100

77 144.1 73.4 220.2

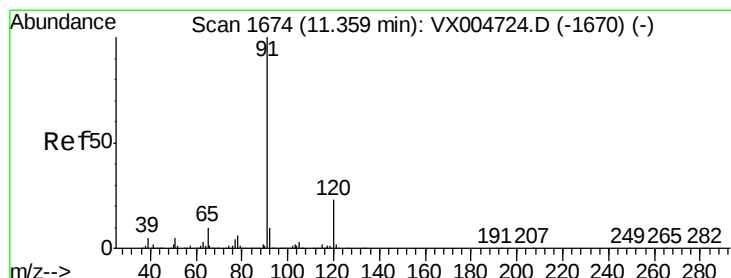
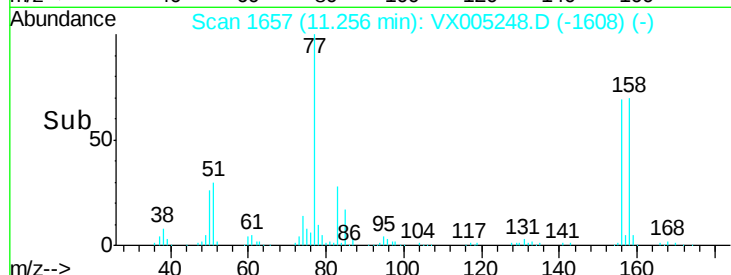
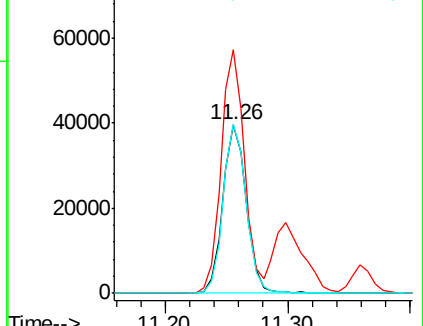
158 98.5 49.1 147.4



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: 17.54 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005248.D

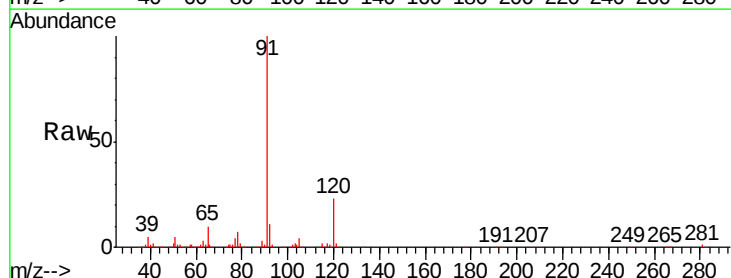
Acq: 11 Oct 2018 11:40

Tgt Ion: 91 Resp: 185111

Ion Ratio Lower Upper

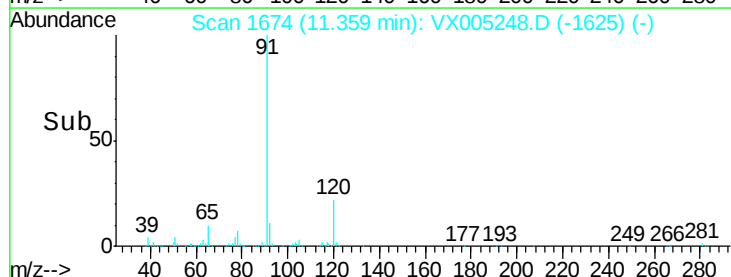
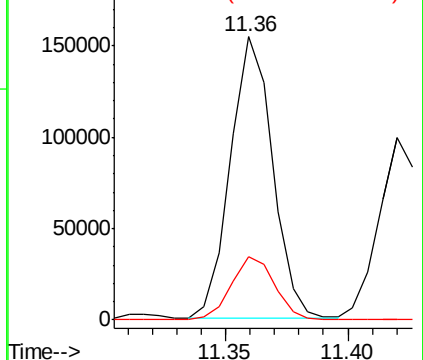
91 100

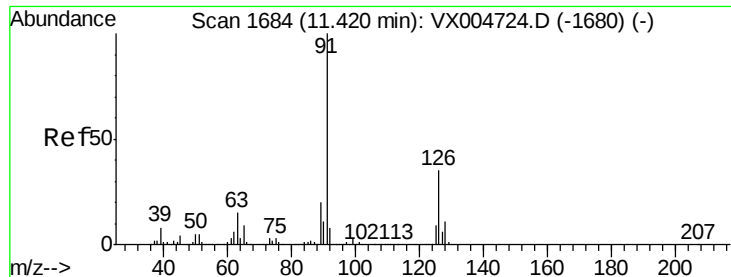
120 23.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

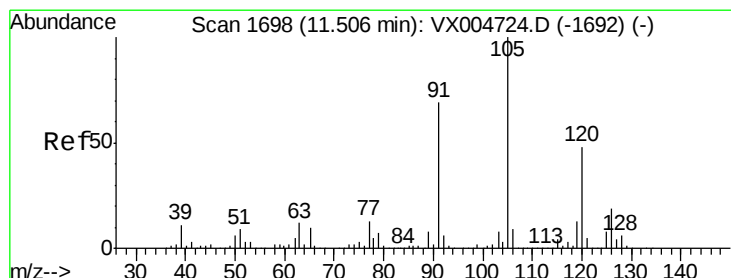
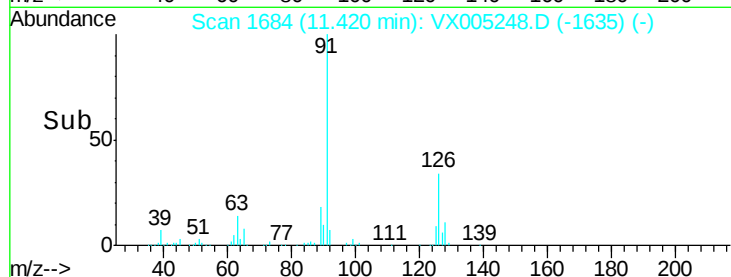
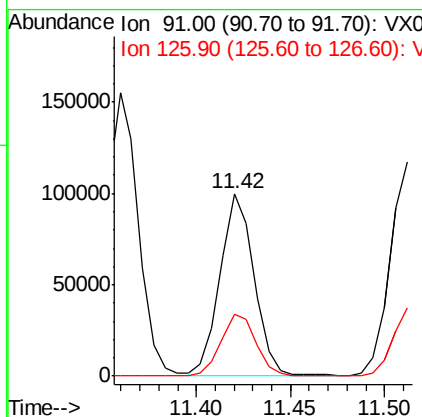
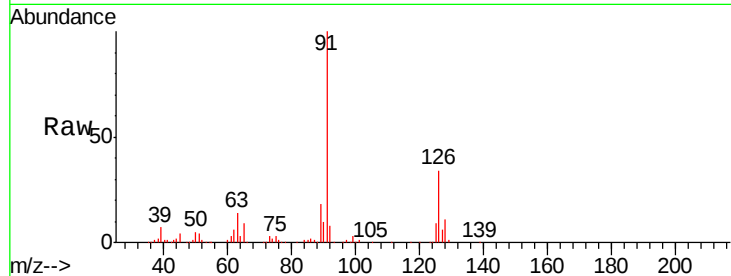




#79
 2-Chlorotoluene
 Concen: 18.80 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

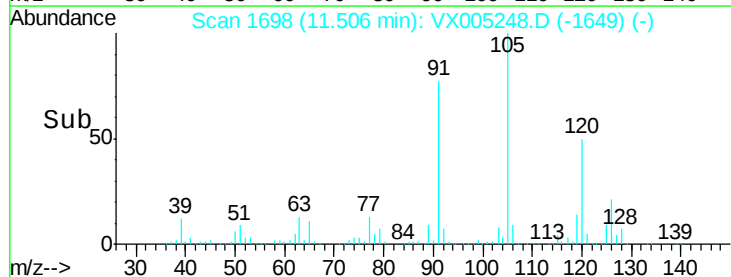
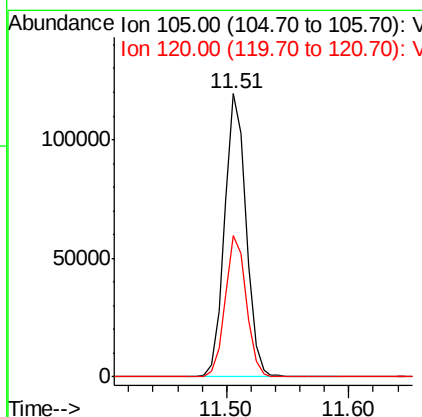
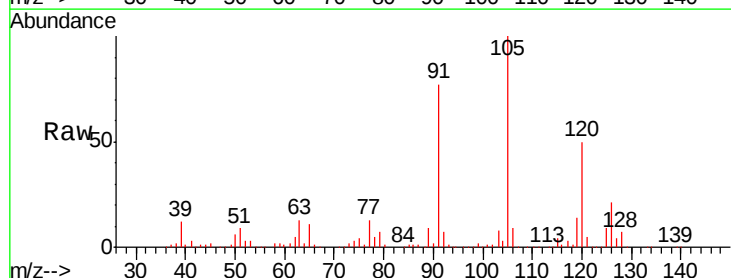
Instrument :
 MSVOA_X
 ClientSampleId :
 VU1010WBS07

Tgt Ion: 91 Resp: 123692
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 17.05 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Tgt Ion: 105 Resp: 144837
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.18 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

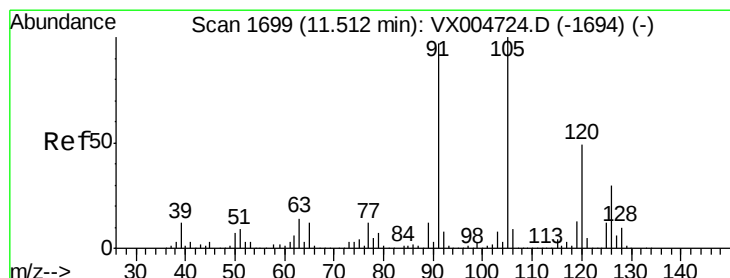
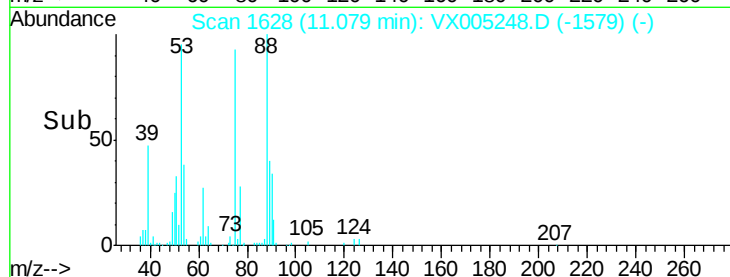
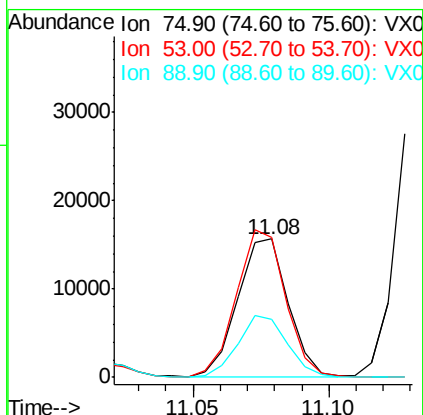
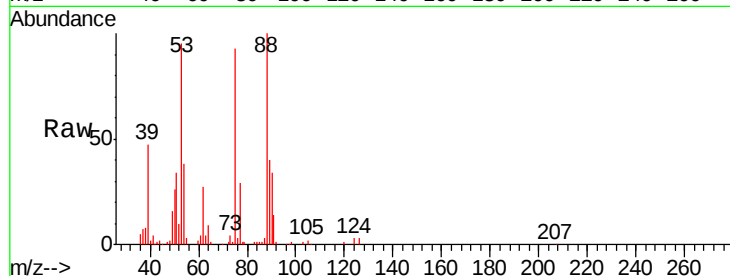
Tgt Ion: 75 Resp: 20223

Ion Ratio Lower Upper

75 100

53 104.1 80.2 120.4

89 44.5 37.1 55.7



#82

4-Chlorotoluene

Concen: 18.84 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005248.D

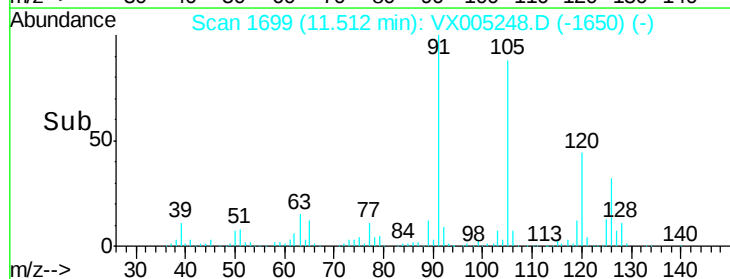
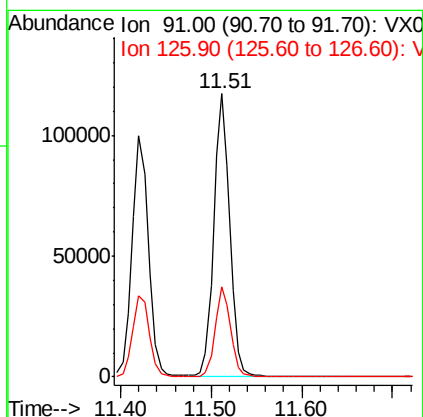
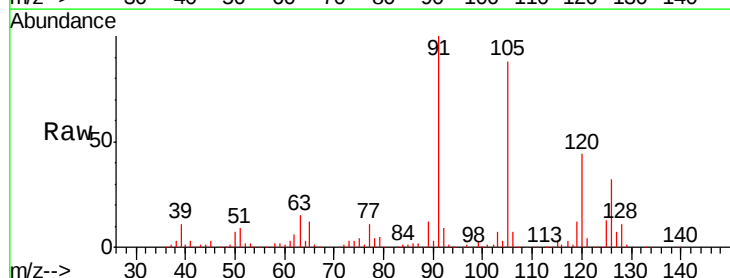
Acq: 11 Oct 2018 11:40

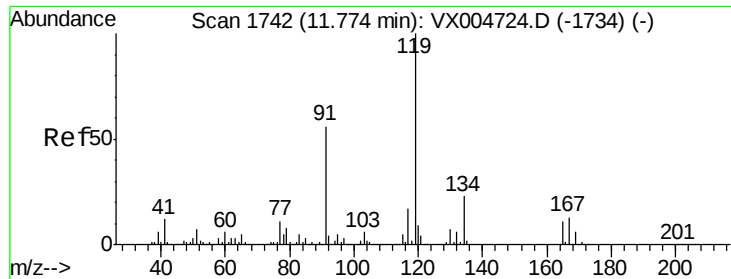
Tgt Ion: 91 Resp: 145865

Ion Ratio Lower Upper

91 100

126 30.6 15.5 46.5

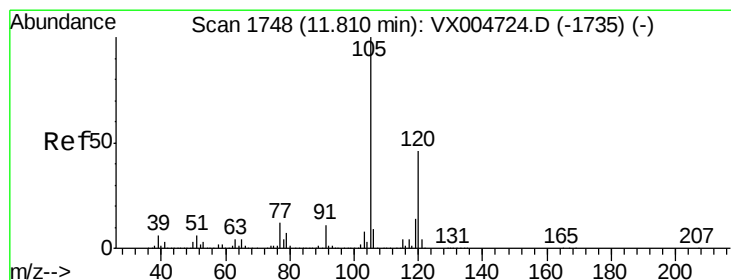
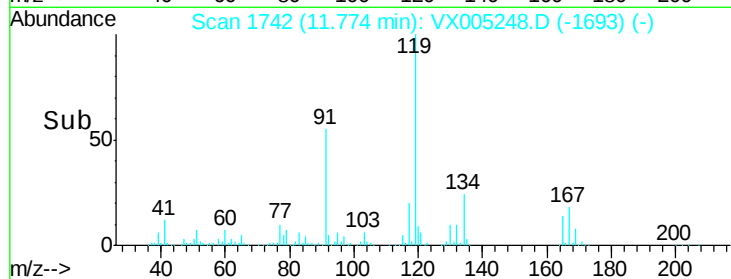
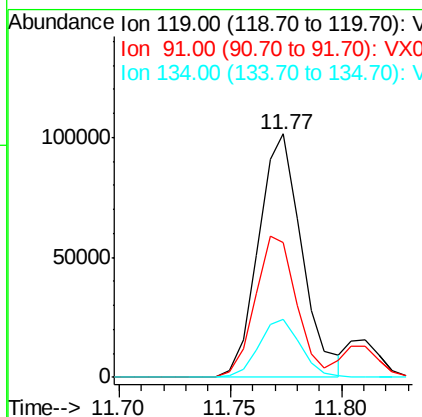
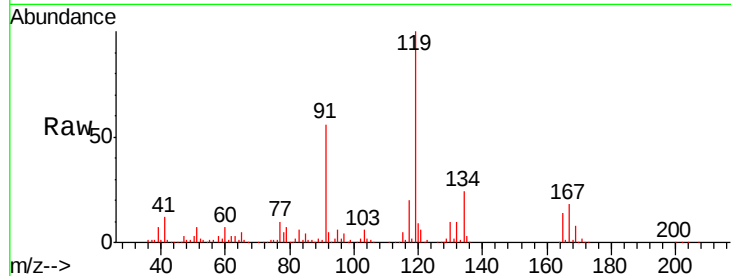




#83
 tert-Butylbenzene
 Concen: 18.20 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

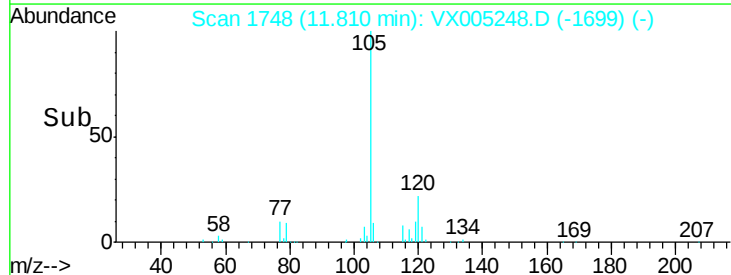
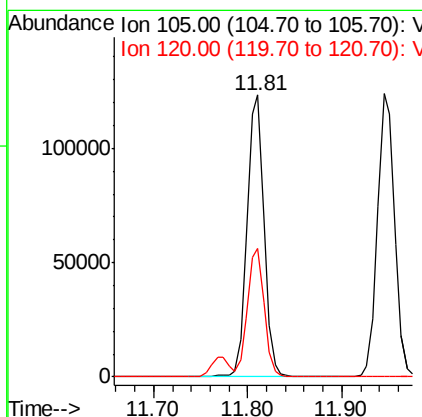
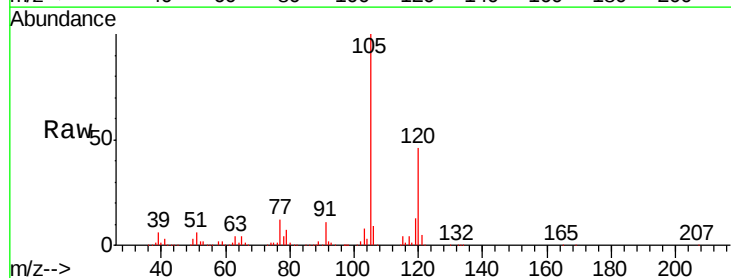
Instrument :
 MSVOA_X
 ClientSampled :
 VU1010WBS07

Tgt Ion:119 Resp: 137862
 Ion Ratio Lower Upper
 119 100
 91 55.5 27.5 82.5
 134 23.1 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 17.55 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Tgt Ion:105 Resp: 153685
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.8 68.3

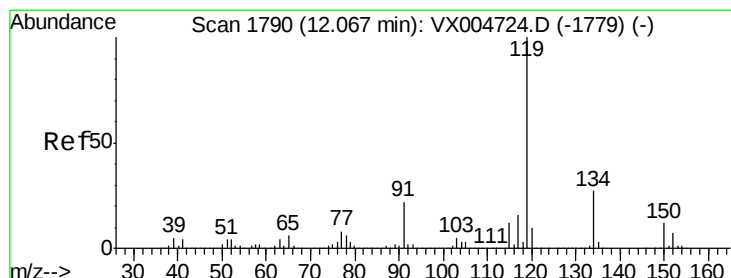
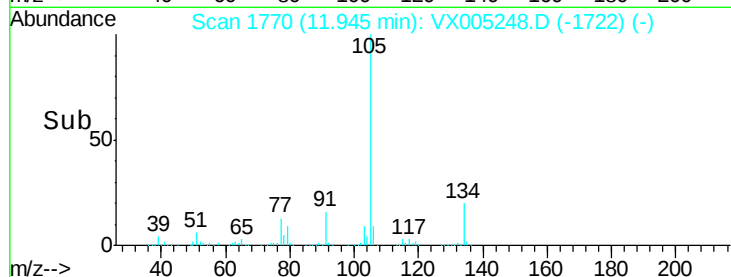
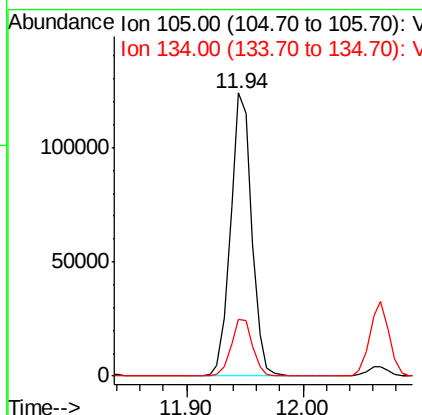
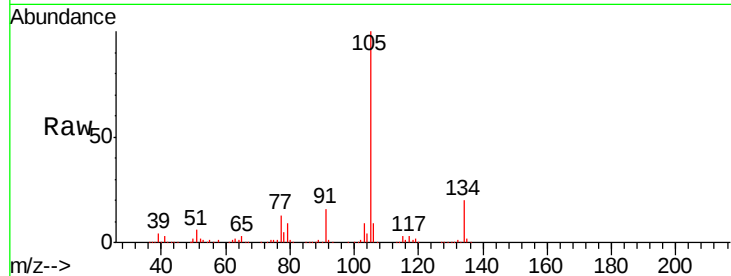




#85
 sec-Butylbenzene
 Concen: 16.91 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

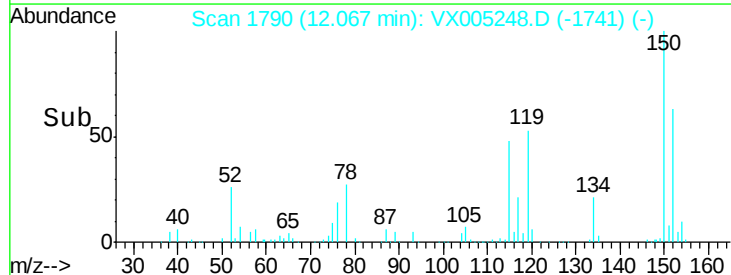
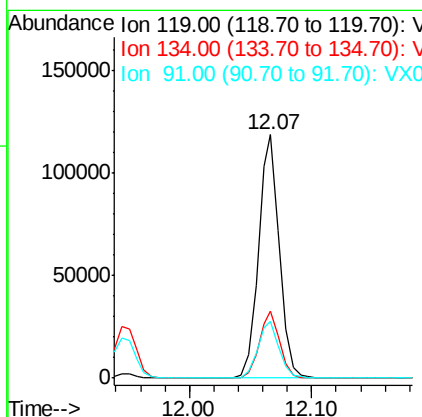
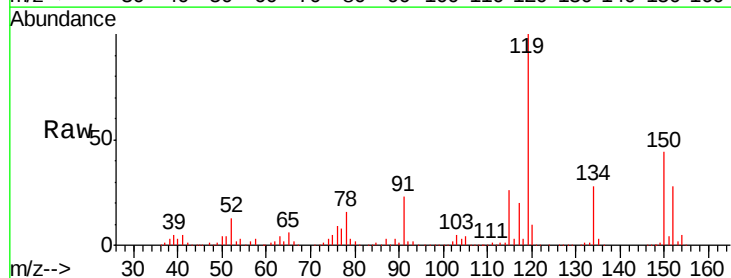
Instrument :
 MSVOA_X
 ClientSampled :
 VU1010WBS07

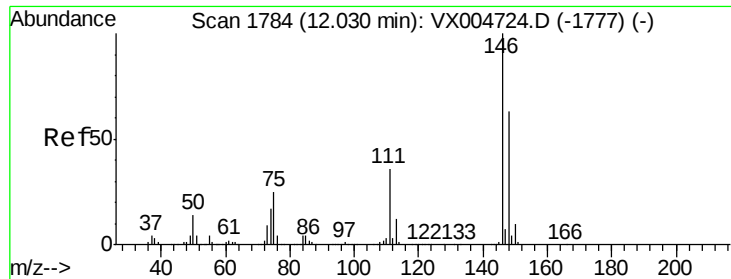
Tgt Ion:105 Resp: 155994
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 16.87 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Tgt Ion:119 Resp: 140972
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 23.9 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 18.55 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

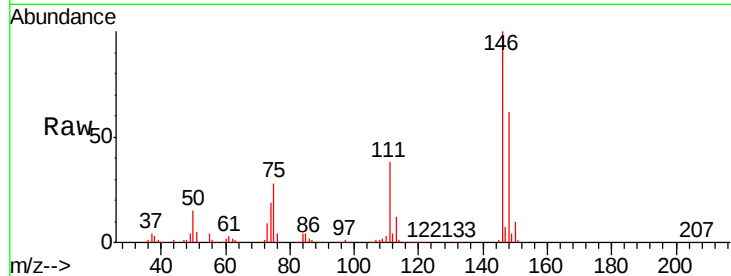
Tgt Ion:146 Resp: 92539

Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.9

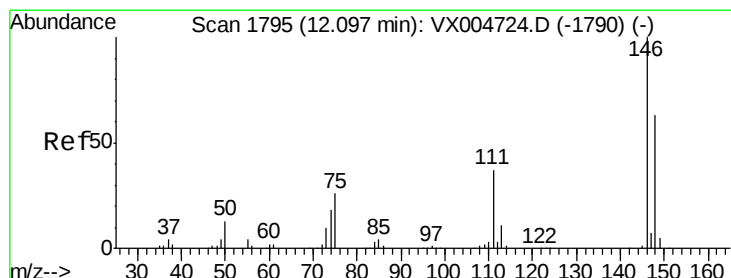
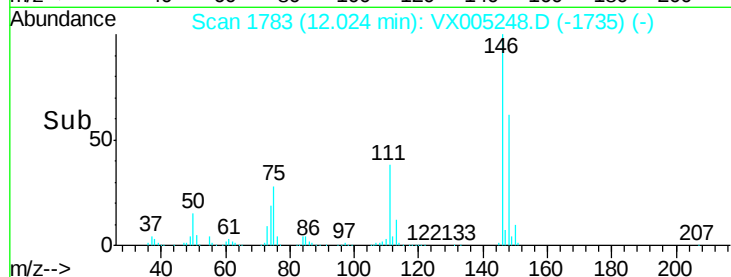
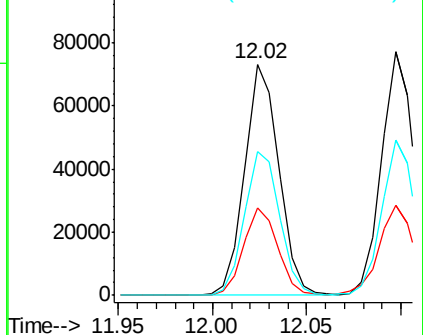
148 63.9 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.38 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

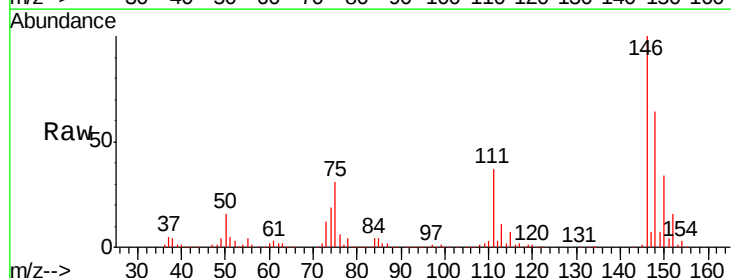
Tgt Ion:146 Resp: 94664

Ion Ratio Lower Upper

146 100

111 38.8 18.4 55.2

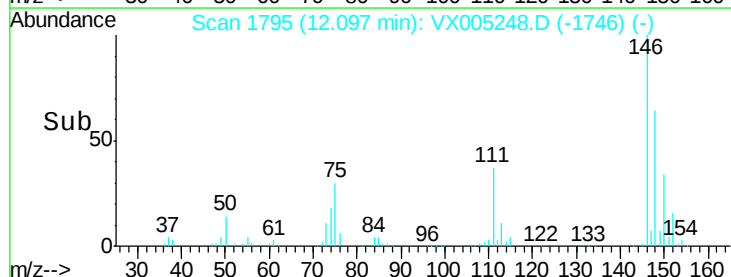
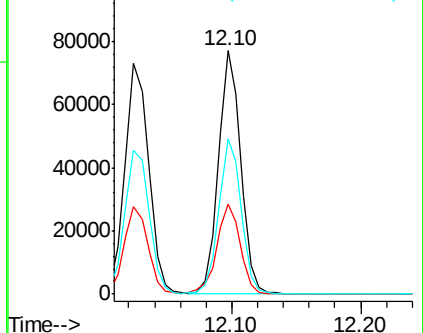
148 64.5 32.0 96.0

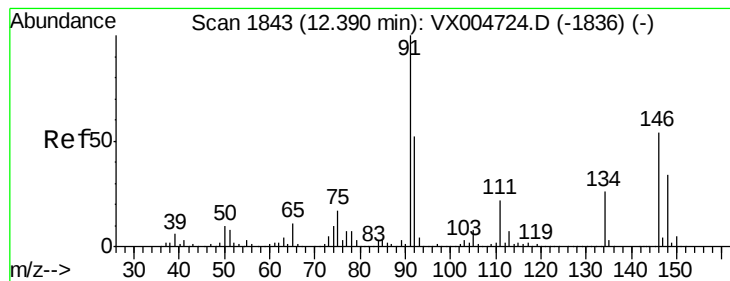


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 15.18 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

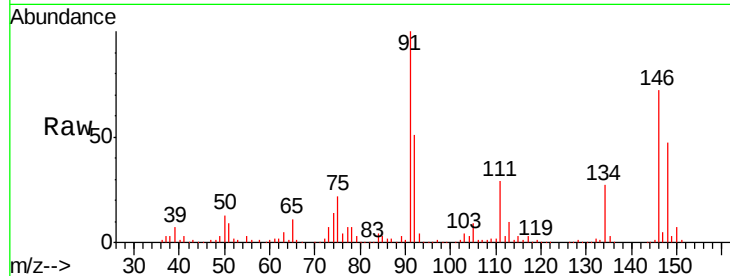
Tgt Ion: 91 Resp: 115225

Ion Ratio Lower Upper

91 100

92 51.5 26.0 78.0

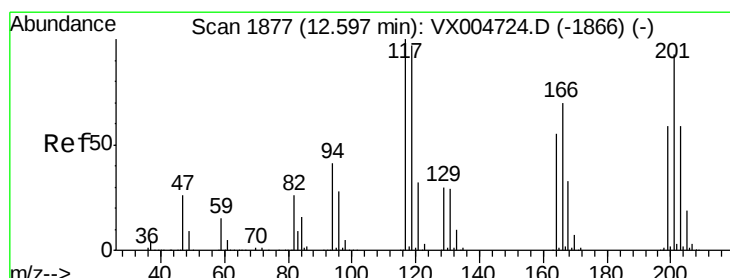
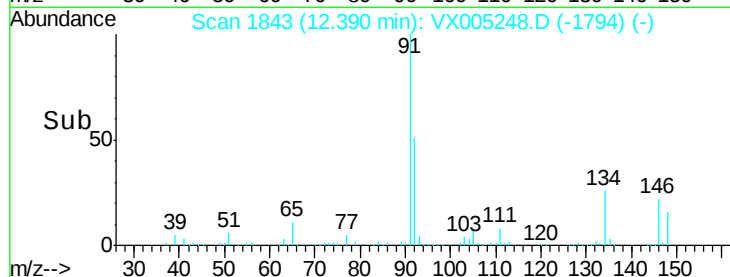
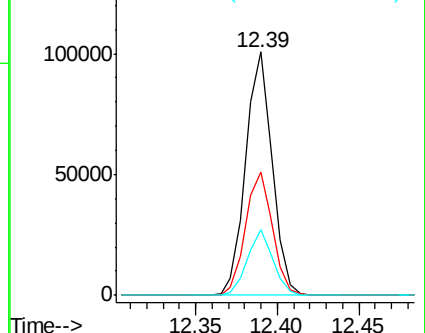
134 25.7 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 17.77 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX005248.D

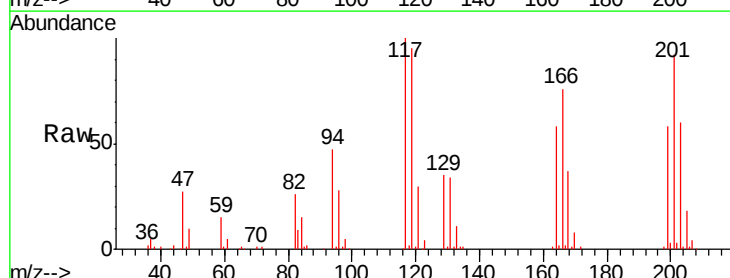
Acq: 11 Oct 2018 11:40

Tgt Ion: 117 Resp: 24727

Ion Ratio Lower Upper

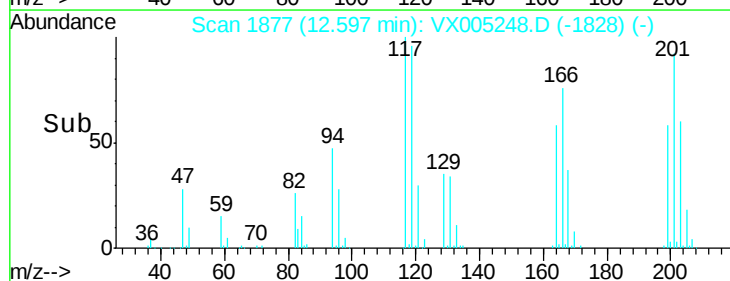
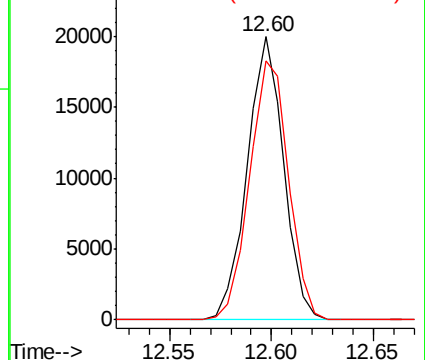
117 100

201 98.1 48.4 145.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

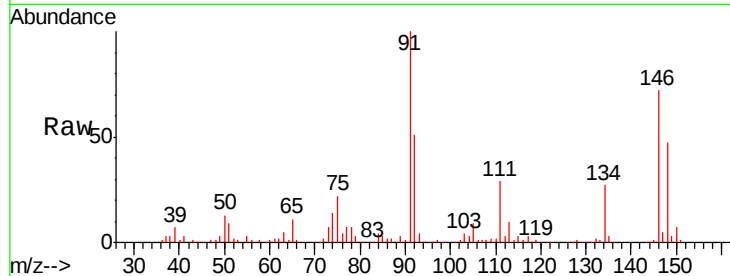




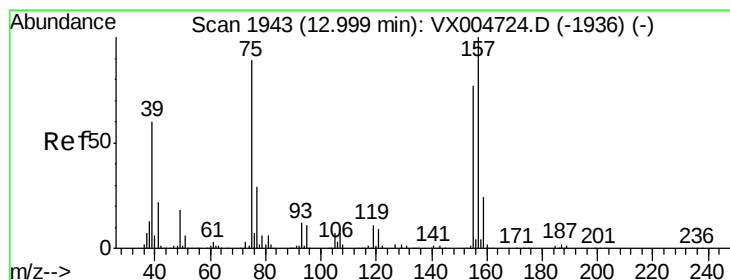
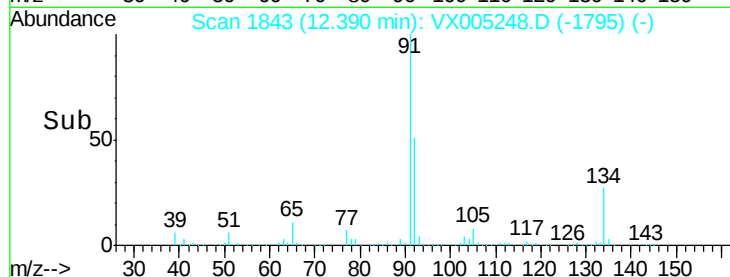
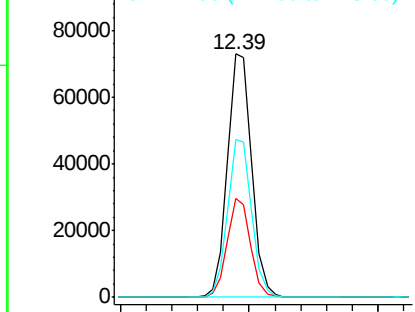
#91
 1,2-Dichlorobenzene
 Concen: 18.61 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VU1010WBS07

Tgt Ion: 146 Resp: 97014
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.6 58.7
 148 64.3 31.8 95.4

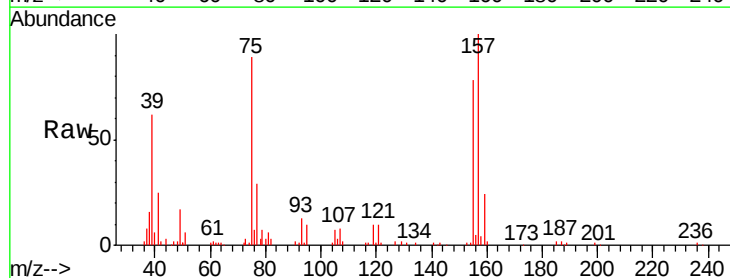


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

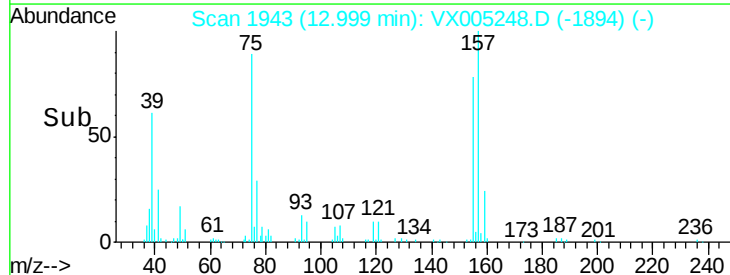
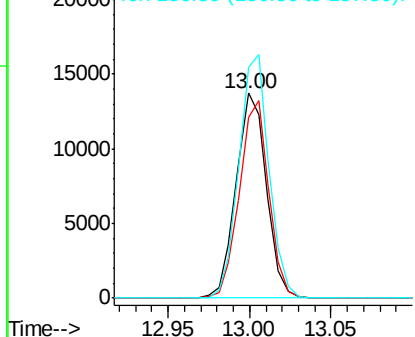


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.60 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Tgt Ion: 75 Resp: 17756
 Ion Ratio Lower Upper
 75 100
 155 93.4 46.1 138.3
 157 117.9 60.2 180.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

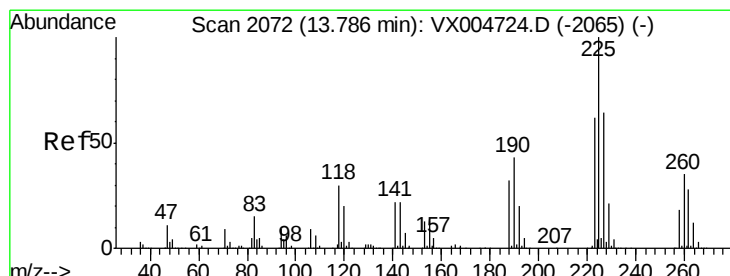
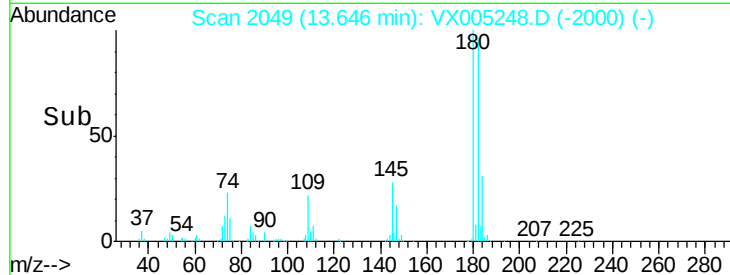
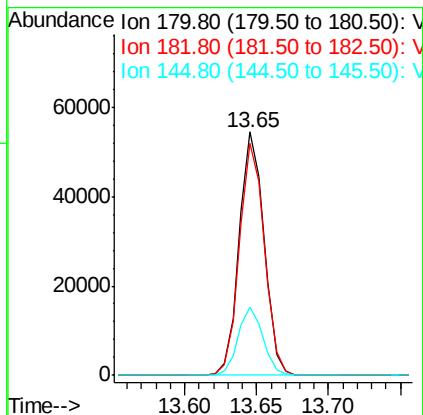
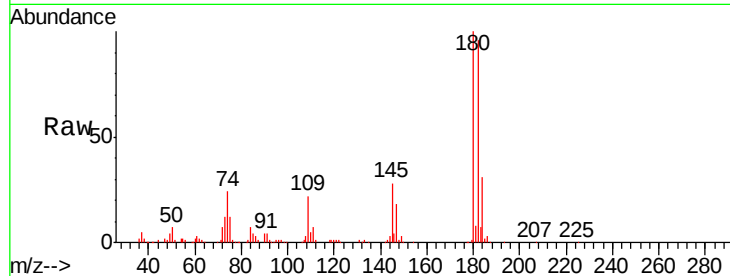




#93
 1,2,4-Trichlorobenzene
 Concen: 17.85 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

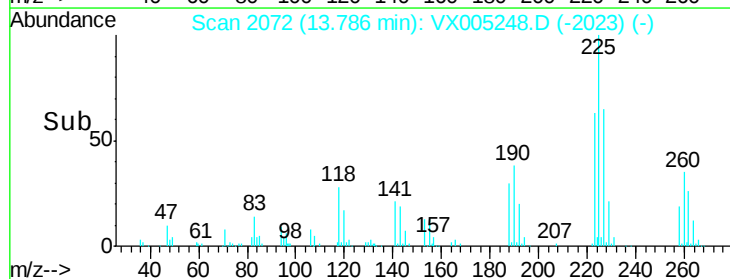
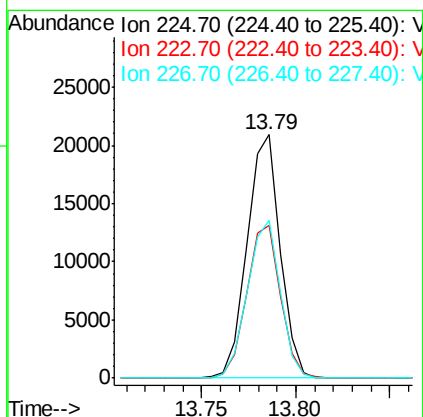
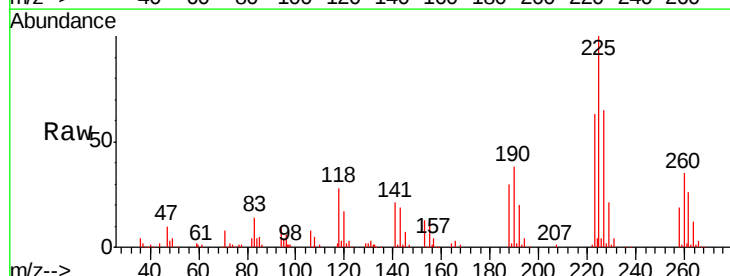
Instrument :
 MSVOA_X
 ClientSampleId :
 VU1010WBS07

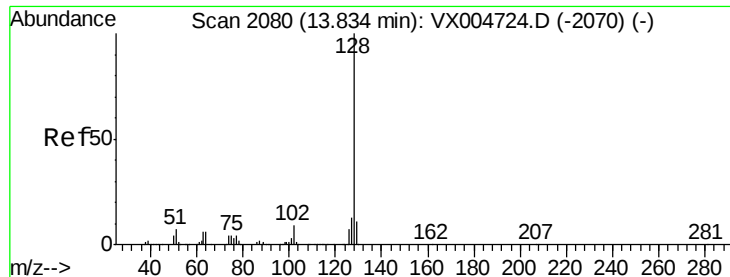
Tgt Ion:180 Resp: 65290
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.8 143.4
 145 27.9 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 13.39 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005248.D
 Acq: 11 Oct 2018 11:40

Tgt Ion:225 Resp: 25384
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.3 93.8
 227 64.7 31.9 95.5





#95

Naphthalene

Concen: 18.35 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

VU1010WBS07

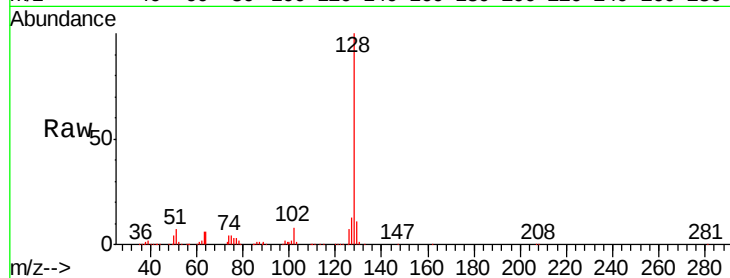
Tgt Ion:128 Resp: 217170

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

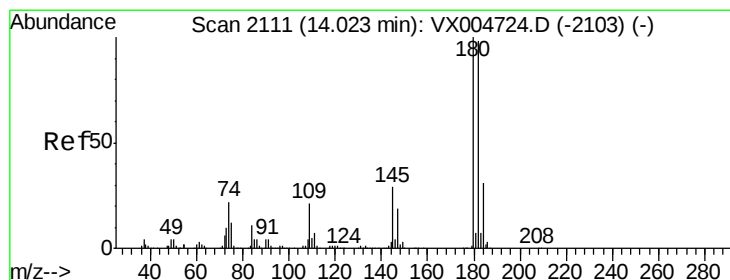
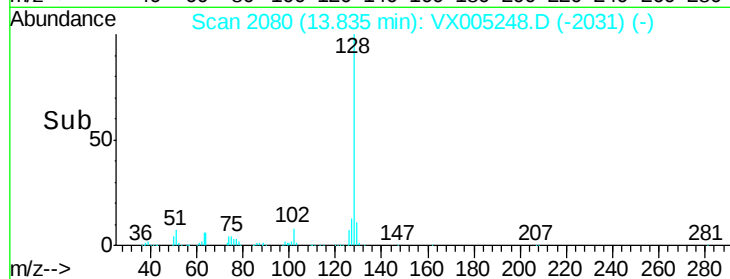
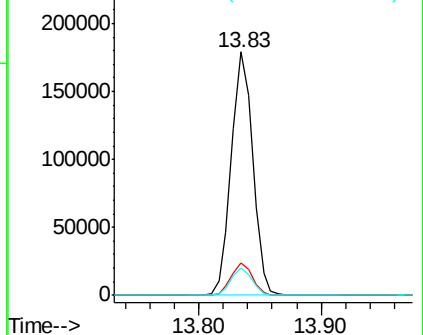
129 11.0 8.7 13.1



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: 18.81 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005248.D

Acq: 11 Oct 2018 11:40

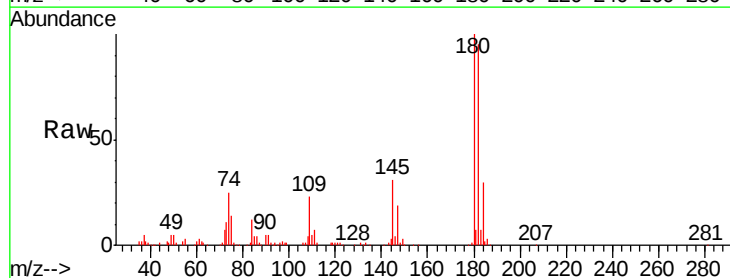
Tgt Ion:180 Resp: 71076

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.8

145 30.2 15.0 45.0



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

