

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111618\
 Data File : VX006040.D
 Acq On : 16 Nov 2018 10:55
 Operator : JC/MD
 Sample : VX1116WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Quant Time: Nov 17 00:40:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	137816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	216567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	176677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97946	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	80176	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
35) Dibromofluoromethane	5.50	113	65716	44.61	ug/l	0.00
Spiked Amount			Recovery	=	89.22%	
50) Toluene-d8	8.71	98	236293	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.14	95	89165	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	24292	19.550	ug/l	95
3) Chloromethane	1.32	50	31286	19.185	ug/l	96
4) Vinyl Chloride	1.40	62	33017	20.168	ug/l	95
5) Bromomethane	1.64	94	19404	19.369	ug/l	98
6) Chloroethane	1.72	64	19495	19.958	ug/l	98
7) Trichlorofluoromethane	1.93	101	43405	19.975	ug/l	95
8) Diethyl Ether	2.19	74	18831	22.116	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	26799	21.443	ug/l	99
10) Methyl Iodide	2.51	142	28730	18.967	ug/l	96
11) Tert butyl alcohol	3.06	59	46714	102.924	ug/l	99
12) 1,1-Dichloroethene	2.37	96	24835	20.388	ug/l	96
13) Acrolein	2.29	56	11125	66.630	ug/l	100
14) Allyl chloride	2.73	41	54898	20.179	ug/l	99
15) Acrylonitrile	3.15	53	101686	108.109	ug/l	99
16) Acetone	2.44	43	88463	103.700	ug/l	98
17) Carbon Disulfide	2.57	76	64421	17.730	ug/l	99
18) Methyl Acetate	2.78	43	52639	22.201	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	93882	22.581	ug/l	99
20) Methylene Chloride	2.85	84	29224	20.855	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	26844	20.893	ug/l	91
22) Diisopropyl ether	3.87	45	100195	21.023	ug/l #	94
23) Vinyl Acetate	3.82	43	417019	102.052	ug/l	98
24) 1,1-Dichloroethane	3.70	63	51765	20.358	ug/l	100
25) 2-Butanone	4.70	43	134329	100.159	ug/l	96
26) 2,2-Dichloropropane	4.59	77	40580	21.756	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	30627	21.588	ug/l	96
28) Bromochloromethane	5.01	49	21045	18.519	ug/l	95
29) Tetrahydrofuran	5.15	42	86011	99.882	ug/l	100
30) Chloroform	5.21	83	48030	19.579	ug/l	97
31) Cyclohexane	5.57	56	41344	18.732	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	42178	20.613	ug/l	99
36) 1,1-Dichloropropene	5.80	75	35486	16.997	ug/l	98
37) Ethyl Acetate	4.85	43	49360	17.979	ug/l	100
38) Carbon Tetrachloride	5.78	117	35291	16.885	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Quant Time: Nov 17 00:40:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	39718	18.770	ug/l	88
40) Benzene	6.14	78	114112	18.749	ug/l	100
41) Methacrylonitrile	5.06	41	26841	18.093	ug/l	99
42) 1,2-Dichloroethane	6.20	62	41256	18.925	ug/l	99
43) Isopropyl Acetate	6.46	43	75448	18.965	ug/l	99
44) Trichloroethene	7.22	130	32273	20.880	ug/l	85
45) 1,2-Dichloropropane	7.52	63	29803	20.175	ug/l	96
46) Dibromomethane	7.66	93	18130	19.558	ug/l	99
47) Bromodichloromethane	7.90	83	35134	20.055	ug/l	100
48) Methyl methacrylate	7.77	41	35666	19.967	ug/l	98
49) 1,4-Dioxane	7.75	88	15387	399.748	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	244946	97.697	ug/l	98
52) Toluene	8.79	92	65873	19.366	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	38827	18.781	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	42862	20.341	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	28332	18.689	ug/l	99
56) Ethyl methacrylate	9.18	69	42495	18.734	ug/l	98
57) 1,3-Dichloropropane	9.37	76	46708	18.334	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	127015	107.638	ug/l	100
59) 2-Hexanone	9.49	43	194597	88.053	ug/l	99
60) Dibromochloromethane	9.59	129	28429	17.352	ug/l	98
61) 1,2-Dibromoethane	9.67	107	28662	17.098	ug/l	99
64) Tetrachloroethene	9.34	164	30575	20.326	ug/l	98
65) Chlorobenzene	10.14	112	75937	21.455	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	27603	22.432	ug/l	100
67) Ethyl Benzene	10.25	91	126760	22.335	ug/l	100
68) m/p-Xylenes	10.36	106	98341	45.426	ug/l	100
69) o-Xylene	10.70	106	46877	24.148	ug/l	99
70) Styrene	10.71	104	79423	24.802	ug/l	100
71) Bromoform	10.86	173	23586	22.865	ug/l #	98
73) Isopropylbenzene	11.02	105	131432	23.204	ug/l	100
74) N-amyl acetate	10.90	43	61247	20.040	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	44745	21.523	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	54800	27.477	ug/l	85
77) Bromobenzene	11.26	156	34786	21.789	ug/l	99
78) n-propylbenzene	11.36	91	149745	22.433	ug/l	100
79) 2-Chlorotoluene	11.42	91	90803	22.505	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	110223	22.900	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13956	22.303	ug/l	98
82) 4-Chlorotoluene	11.51	91	106436	22.383	ug/l	100
83) tert-Butylbenzene	11.77	119	107529	22.082	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	113359	21.272	ug/l	100
85) sec-Butylbenzene	11.94	105	133168	22.364	ug/l	99
86) p-Isopropyltoluene	12.07	119	119981	22.747	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	64143	20.935	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	66050	21.058	ug/l	99
89) n-Butylbenzene	12.39	91	106103	21.705	ug/l	99
90) Hexachloroethane	12.60	117	18204	20.672	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	64848	21.128	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	10409	20.517	ug/l	95

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX1116WBS01

Quant Time: Nov 17 00:40:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

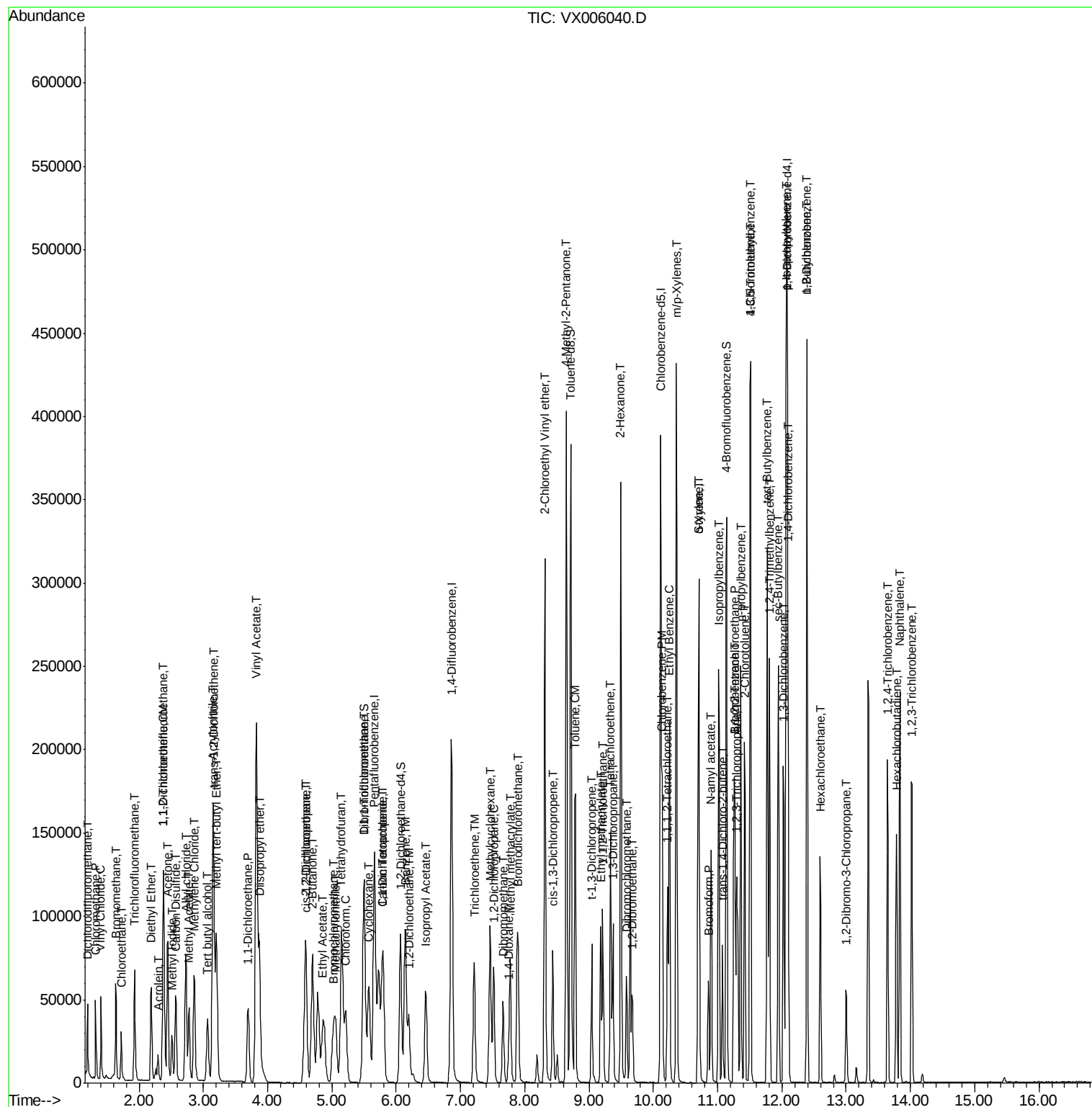
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	48189	22.302	ug/l	99
94) Hexachlorobutadiene	13.79	225	25276	22.269	ug/l	99
95) Naphthalene	13.83	128	144072	21.142	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	48998	22.259	ug/l	99

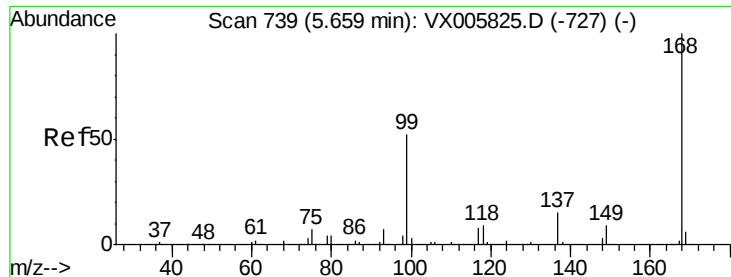
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111618\
 Data File : VX006040.D
 Acq On : 16 Nov 2018 10:55
 Operator : JC/MD
 Sample : VX1116WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Nov 17 00:40:27 2018
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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampled :

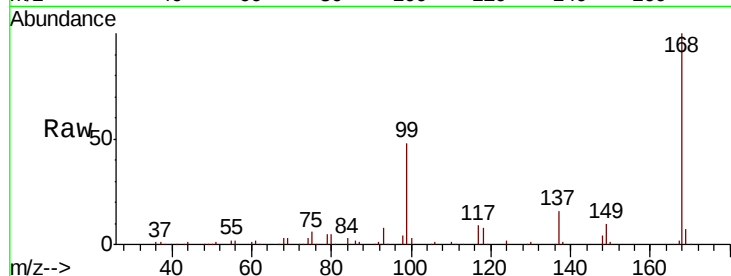
VX1116WBS01

Tot Ion:168 Resp: 137816

Ion Ratio Lower Upper

168 100

99 47.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

30000

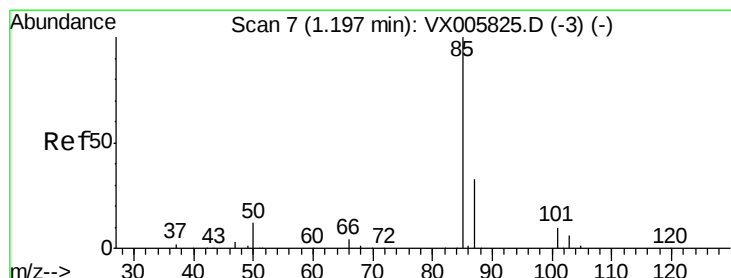
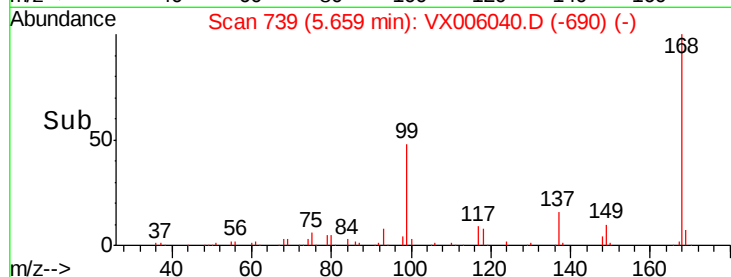
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.550 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006040.D

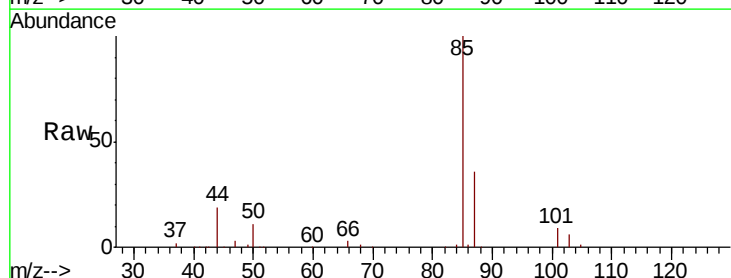
Acq: 16 Nov 2018 10:55

Tgt Ion: 85 Resp: 24292

Ion Ratio Lower Upper

85 100

87 35.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

25000

20000

15000

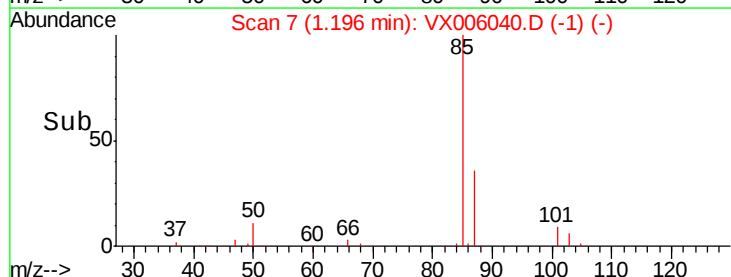
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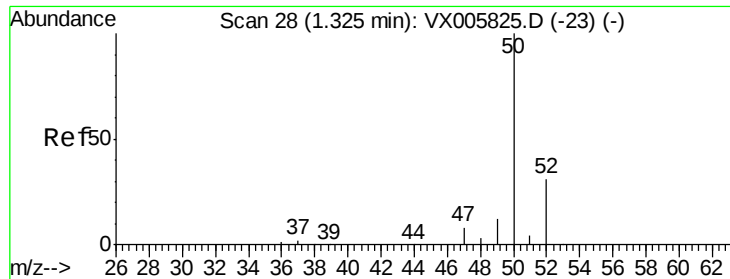
5000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 19.185 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

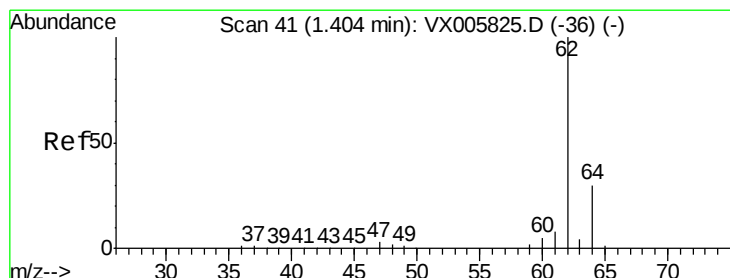
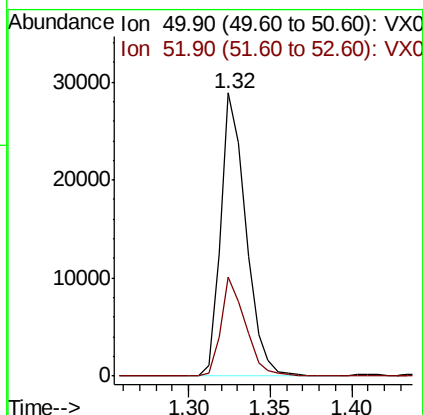
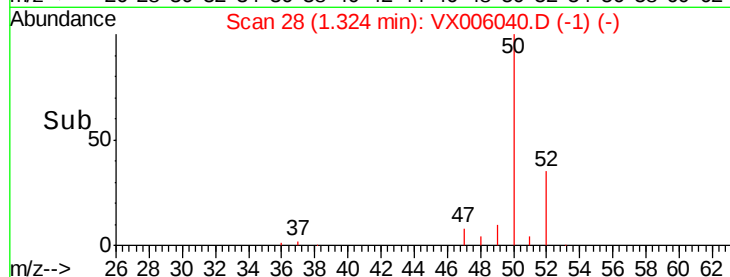
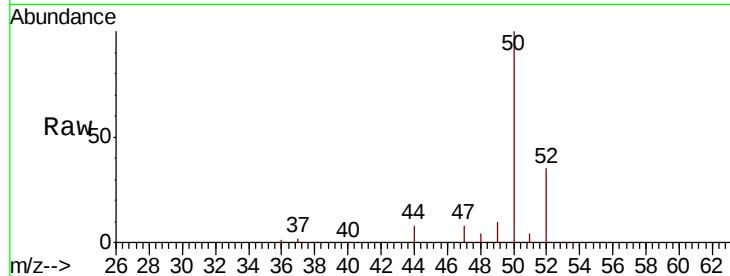
VX1116WBS01

Tot Ion: 50 Resp: 31286

Ion Ratio Lower Upper

50 100

52 35.0 26.2 39.2



#4

Vinyl Chloride

Concen: 20.168 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX006040.D

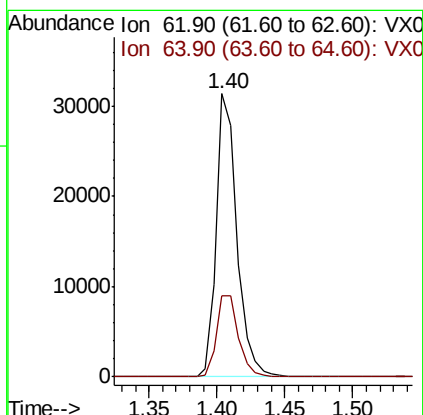
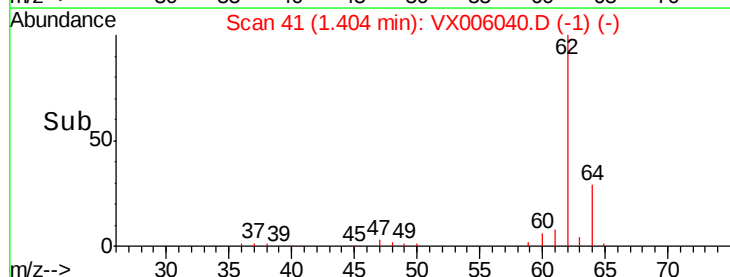
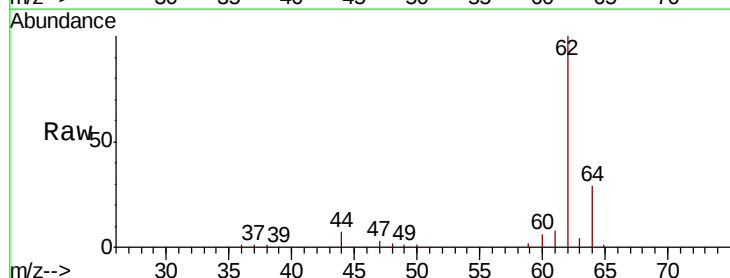
Acq: 16 Nov 2018 10:55

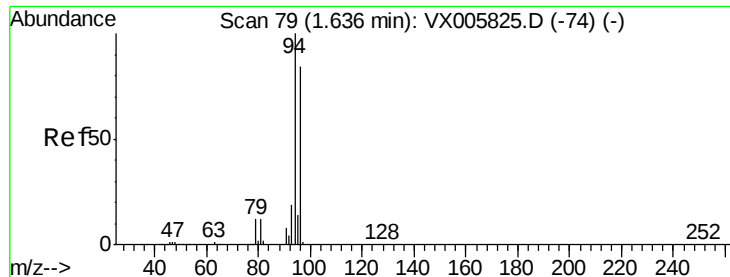
Tgt Ion: 62 Resp: 33017

Ion Ratio Lower Upper

62 100

64 28.7 25.3 37.9





#5

Bromomethane

Concen: 19.369 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

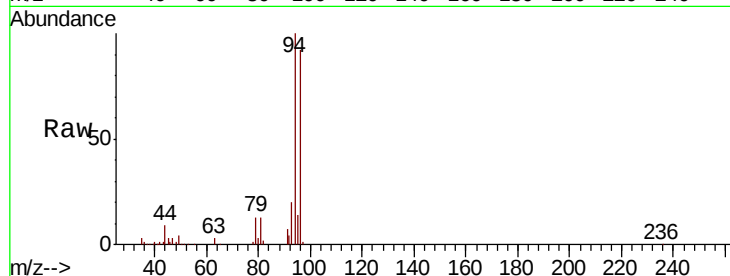
VX1116WBS01

Tot Ion: 94 Resp: 19404

Ion Ratio Lower Upper

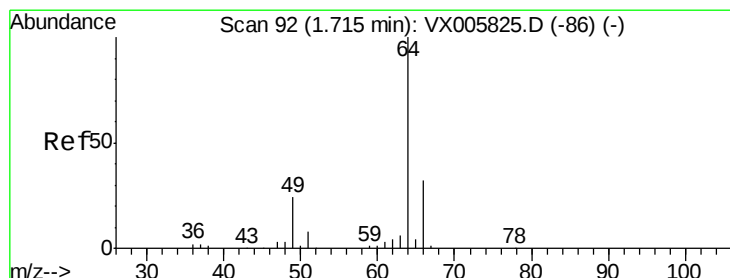
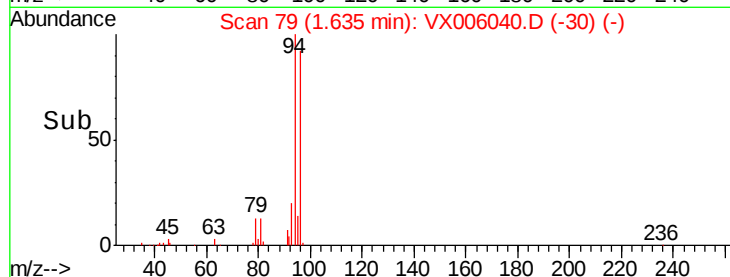
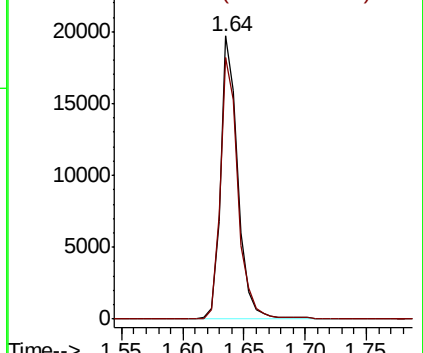
94 100

96 92.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.958 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006040.D

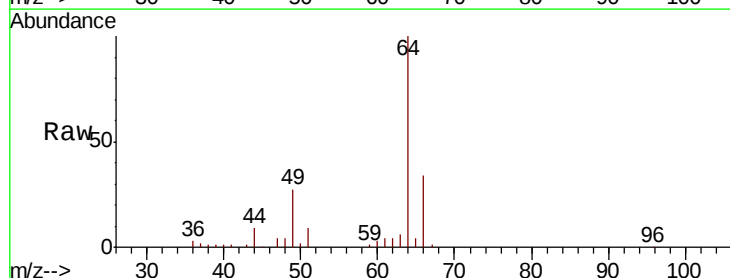
Acq: 16 Nov 2018 10:55

Tgt Ion: 64 Resp: 19495

Ion Ratio Lower Upper

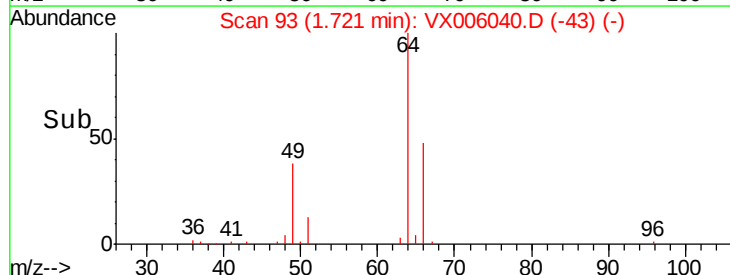
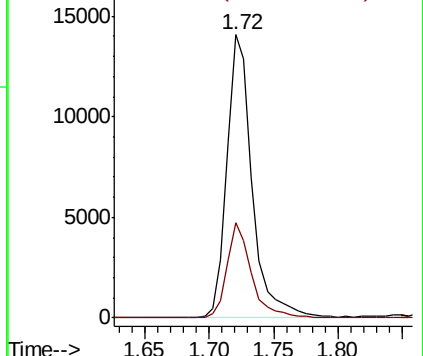
64 100

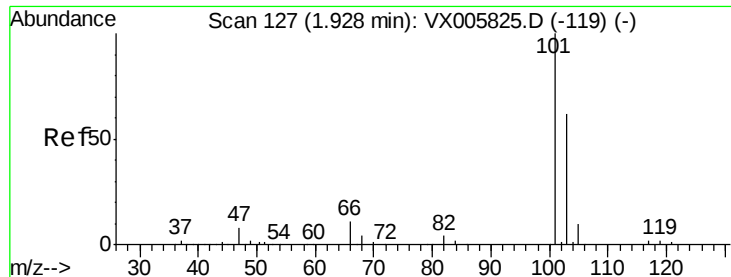
66 33.6 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



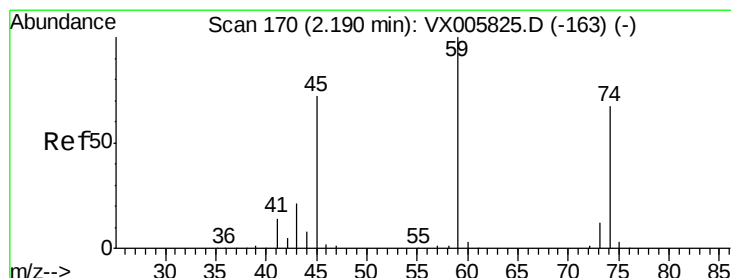
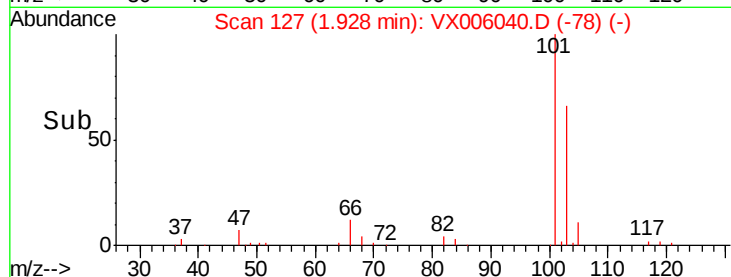
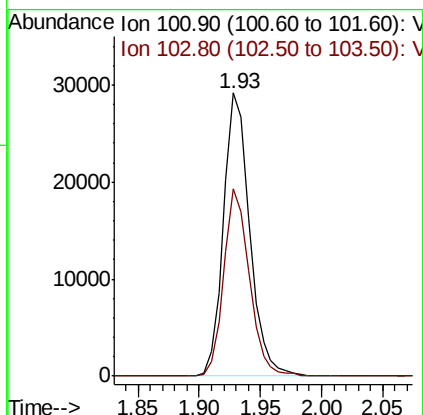
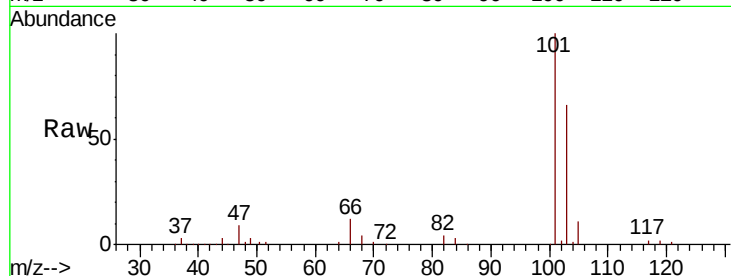


#7

Trichlorofluoromethane
Concen: 19.975 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

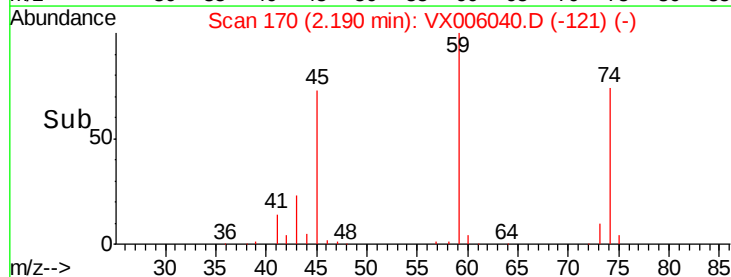
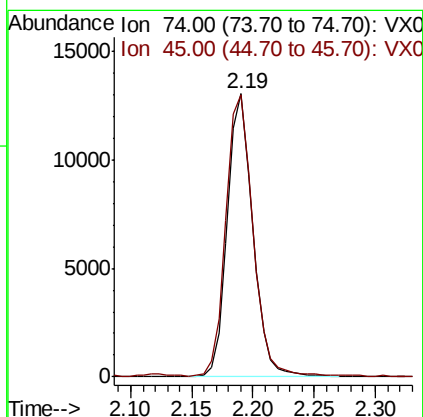
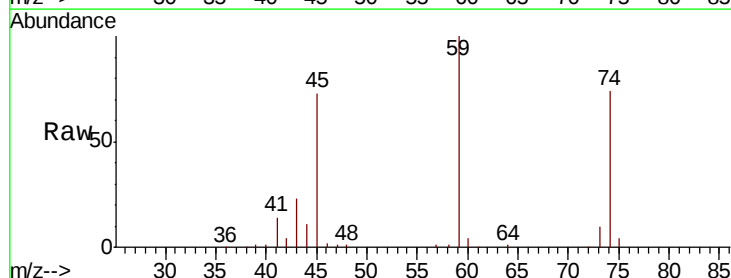
Tot Ion:101 Resp: 43405
Ion Ratio Lower Upper
101 100
103 66.1 50.0 75.0



#8

Diethyl Ether
Concen: 22.116 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion: 74 Resp: 18831
Ion Ratio Lower Upper
74 100
45 106.9 54.1 162.3

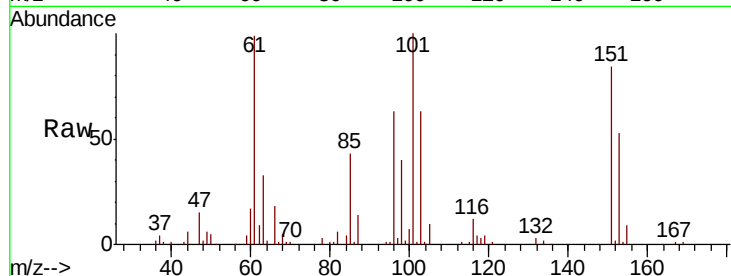




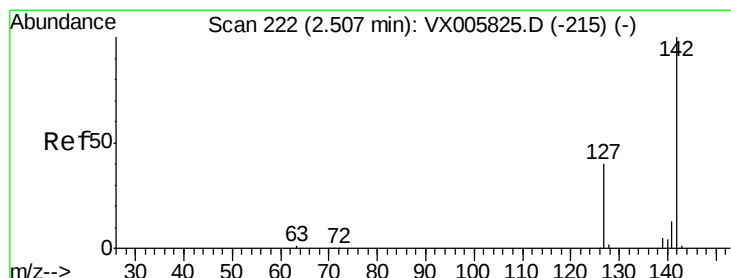
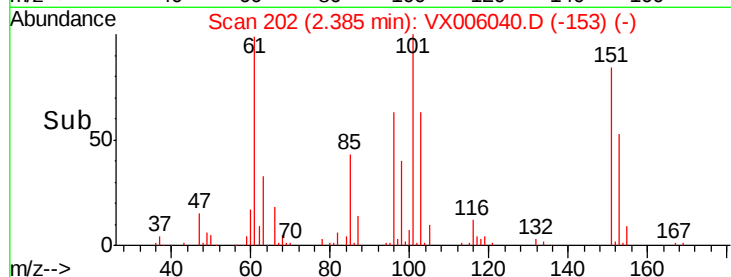
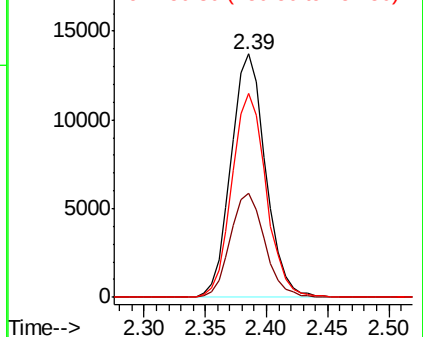
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.443 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Tot Ion:101 Resp: 26799
 Ion Ratio Lower Upper
 101 100
 85 42.6 35.0 52.4
 151 83.2 66.2 99.2

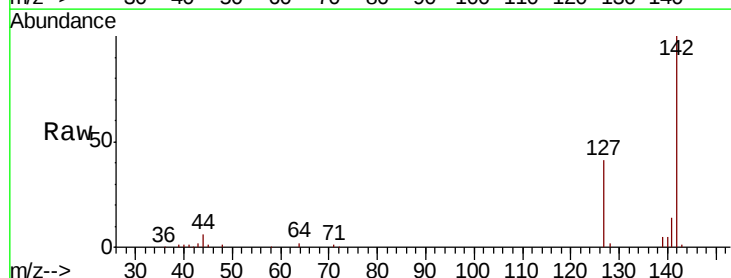


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

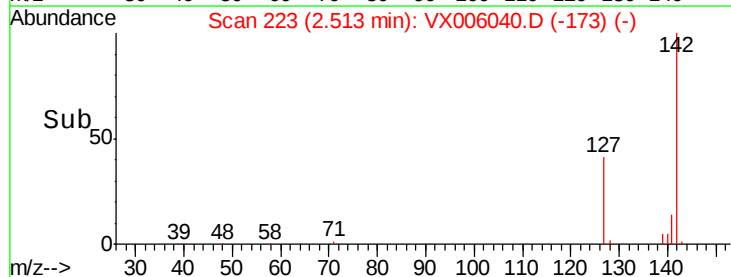
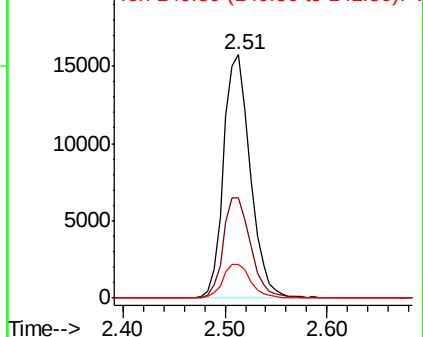


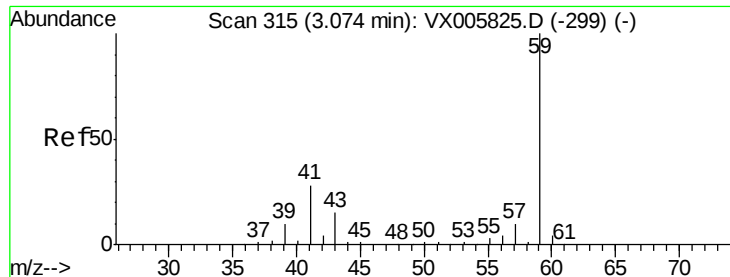
#10
 Methyl Iodide
 Concen: 18.967 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Tgt Ion:142 Resp: 28730
 Ion Ratio Lower Upper
 142 100
 127 41.9 36.0 54.0
 141 14.3 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V

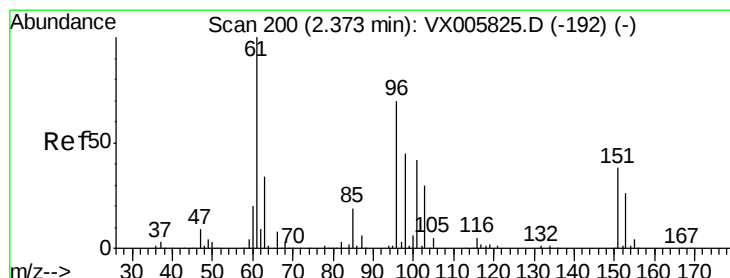
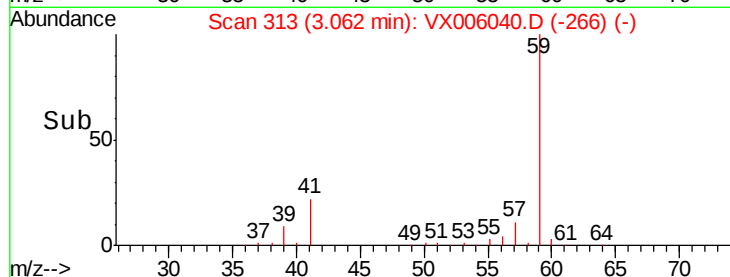
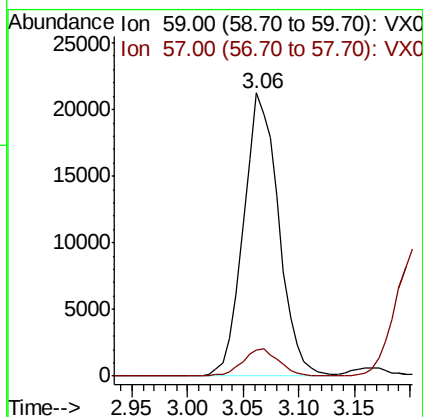
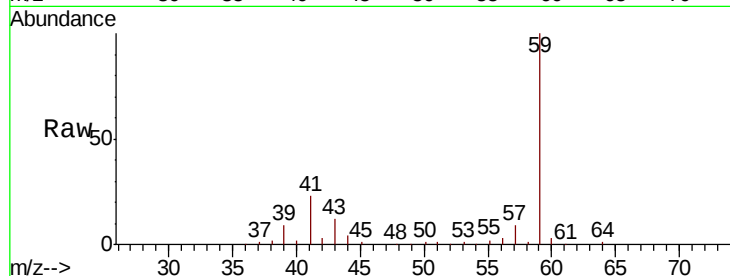




#11
Tert butyl alcohol
Concen: 102.924 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

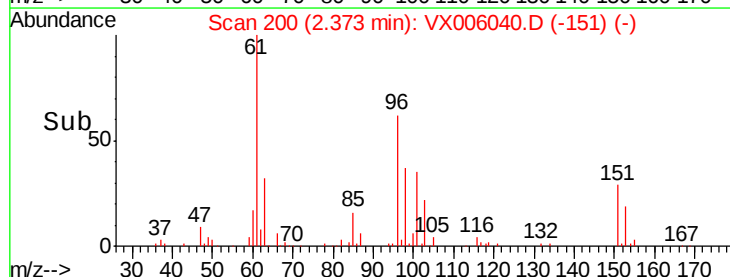
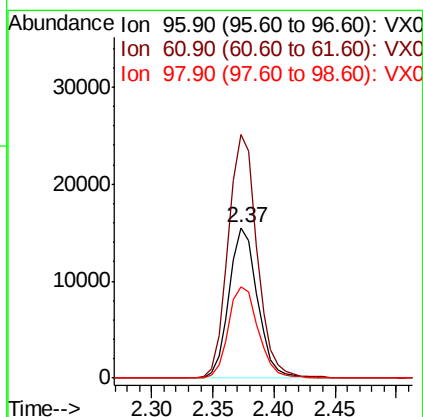
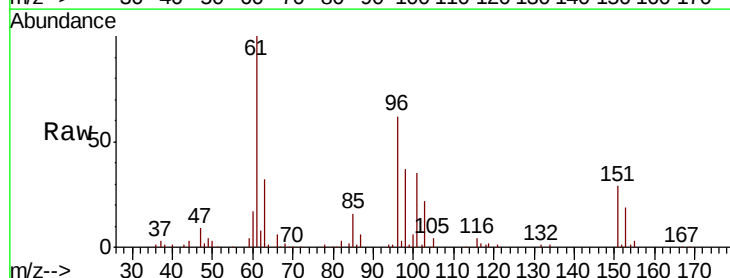
Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

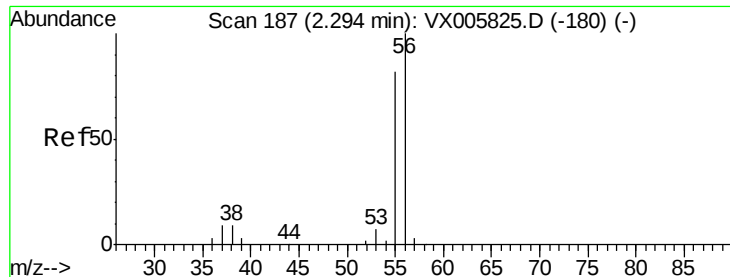
Tot Ion: 59 Resp: 46714
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7



#12
1,1-Dichloroethene
Concen: 20.388 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion: 96 Resp: 24835
Ion Ratio Lower Upper
96 100
61 162.1 131.8 197.8
98 60.6 53.4 80.2





#13

Acrolein

Concen: 66.630 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

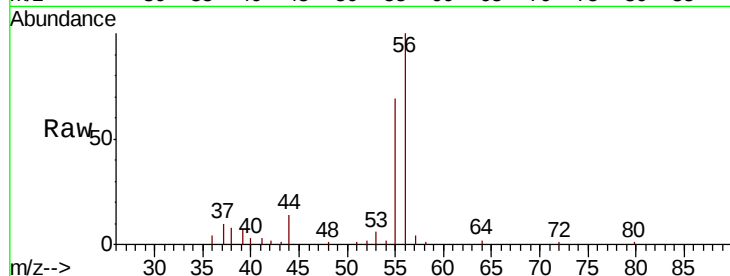
VX1116WBS01

Tot Ion: 56 Resp: 11125

Ion Ratio Lower Upper

56 100

55 71.5 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

8000

6000

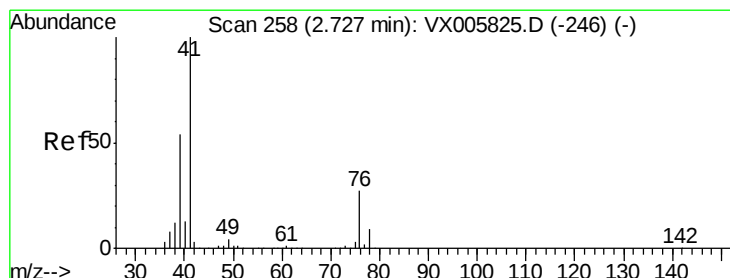
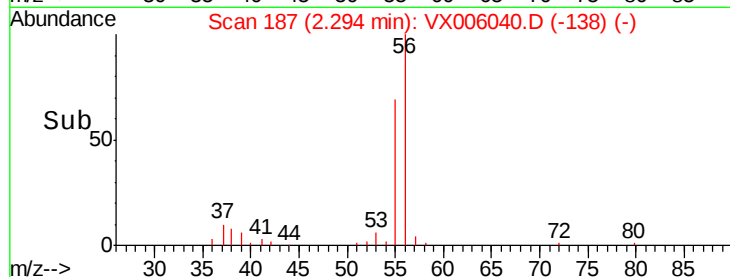
4000

2000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 20.179 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

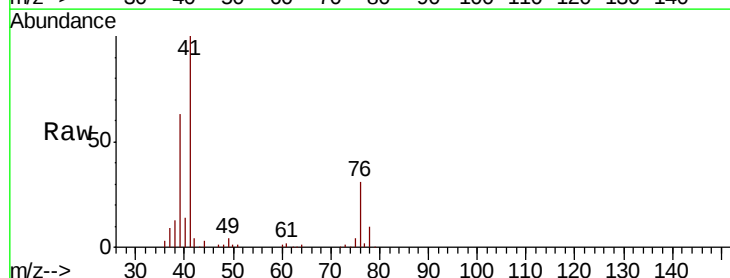
Tgt Ion: 41 Resp: 54898

Ion Ratio Lower Upper

41 100

39 60.0 48.2 72.4

76 29.1 21.9 32.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

50000

40000

30000

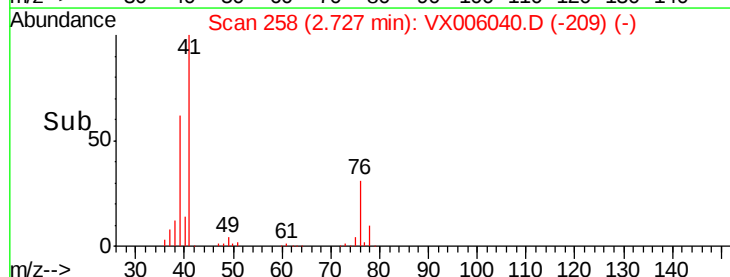
20000

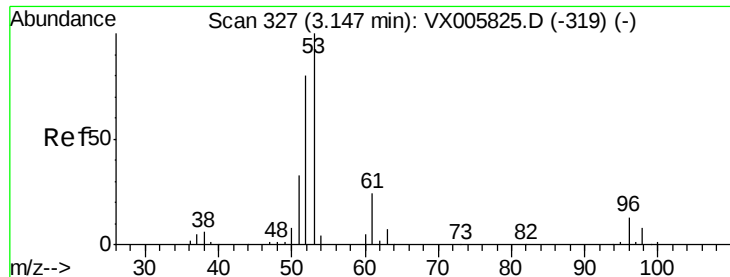
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 108.109 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1116WBS01

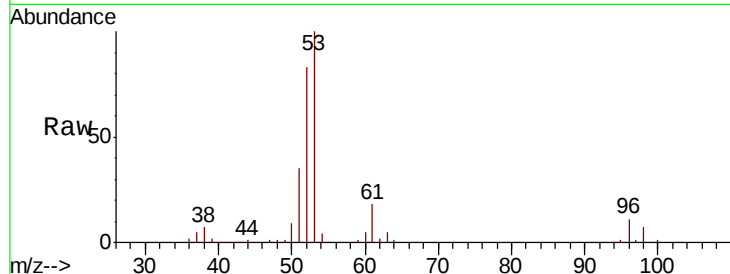
Tot Ion: 53 Resp: 101686

Ion Ratio Lower Upper

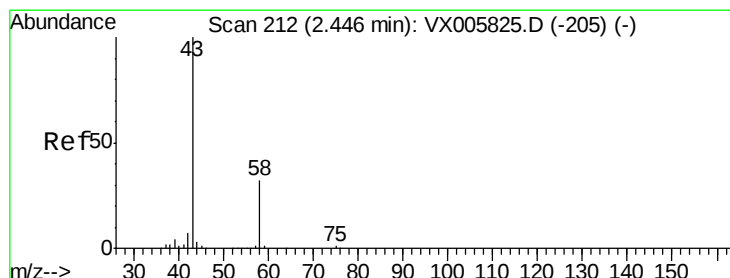
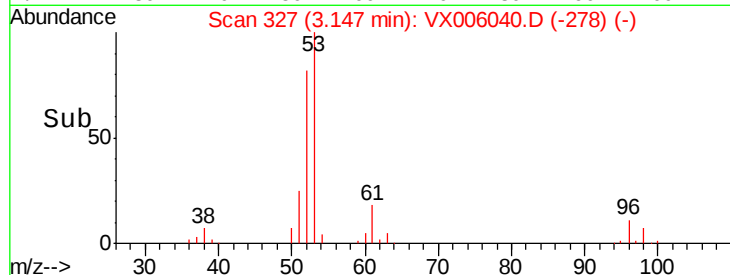
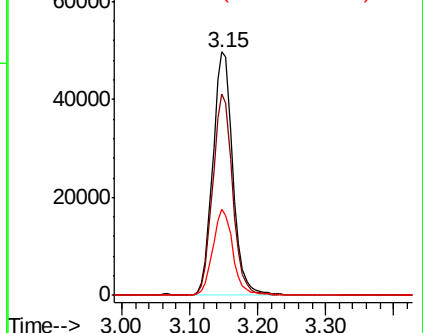
53 100

52 82.1 66.6 99.8

51 35.6 28.4 42.6



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



#16

Acetone

Concen: 103.700 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX006040.D

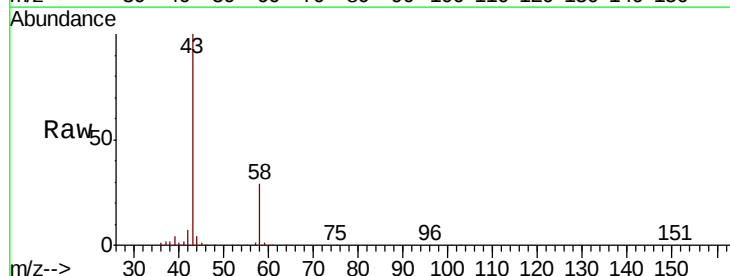
Acq: 16 Nov 2018 10:55

Tgt Ion: 43 Resp: 88463

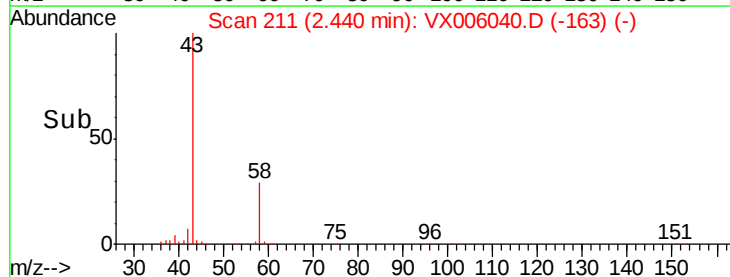
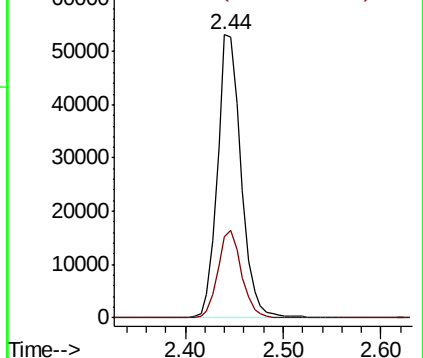
Ion Ratio Lower Upper

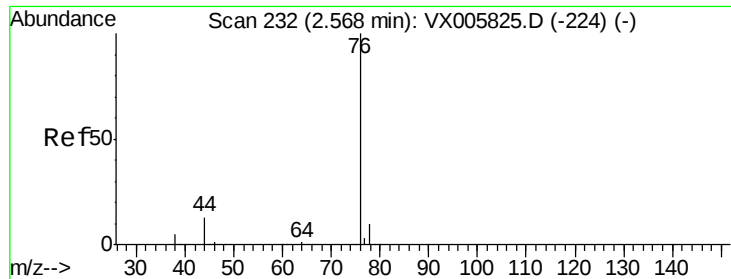
43 100

58 28.9 23.8 35.6



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

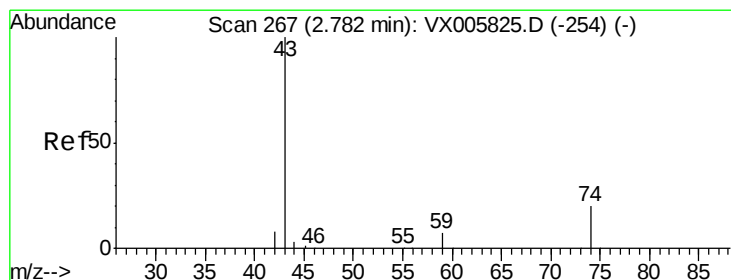
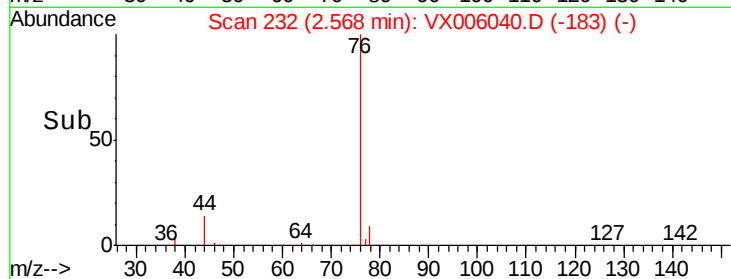
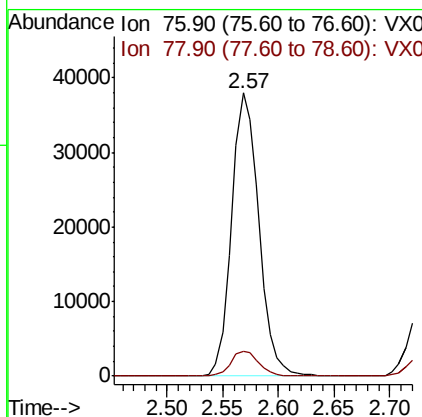
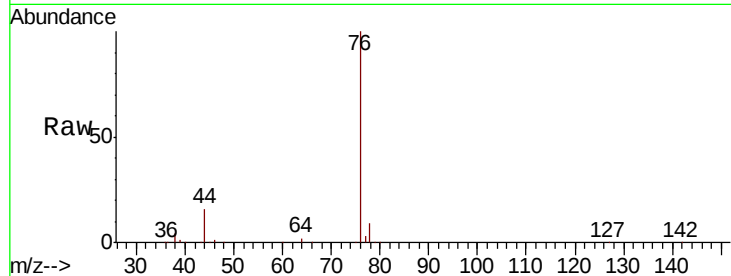




#17
Carbon Disulfide
Concen: 17.730 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

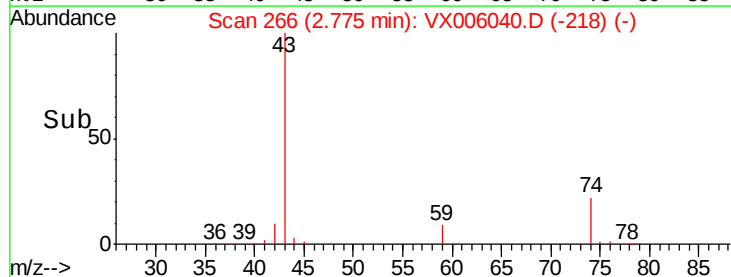
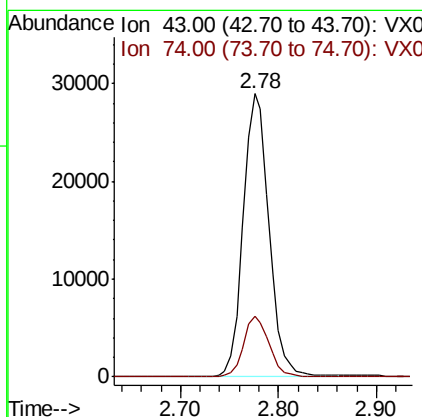
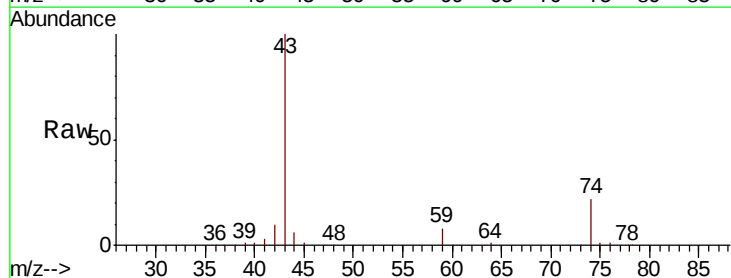
Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

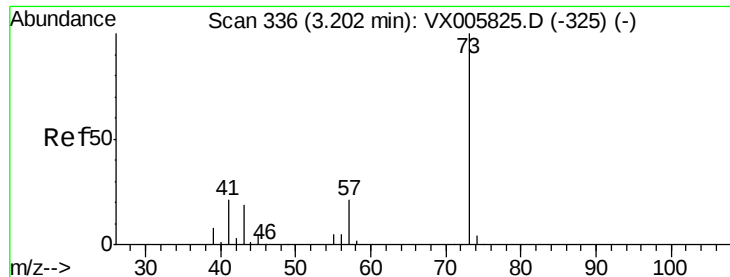
Tot Ion: 76 Resp: 64421
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 22.201 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion: 43 Resp: 52639
Ion Ratio Lower Upper
43 100
74 21.4 16.8 25.2

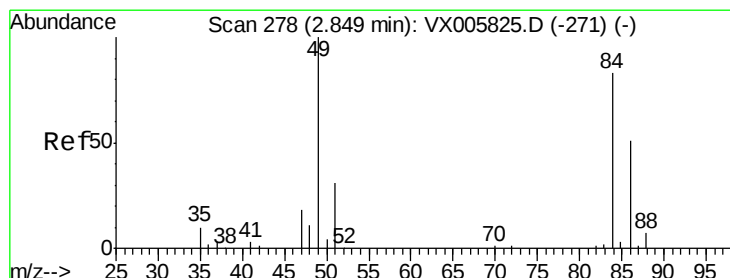
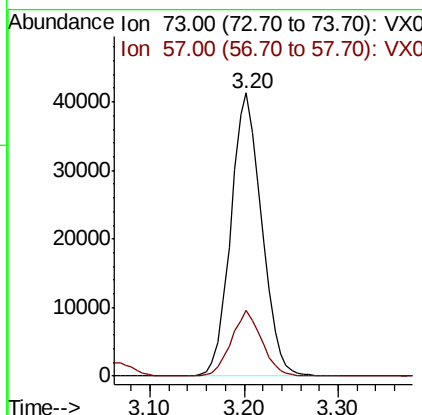
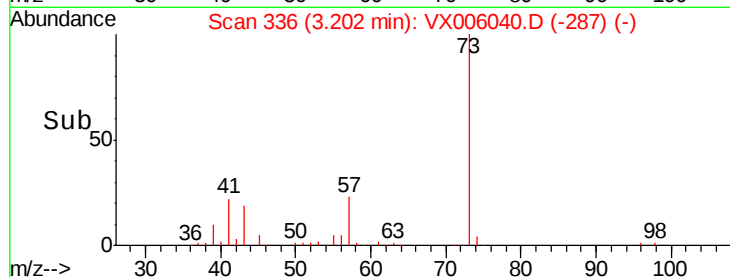
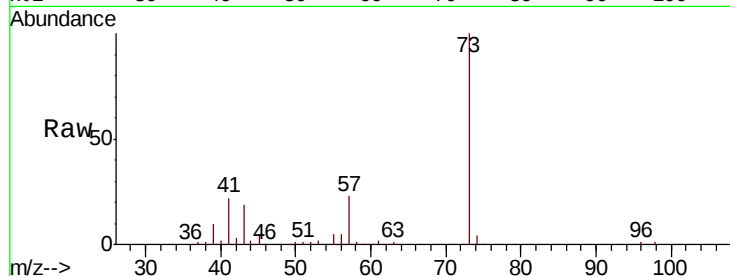




#19
Methvl tert-butvl Ether
Concen: 22.581 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

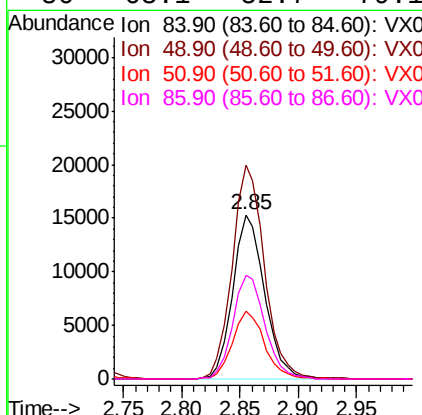
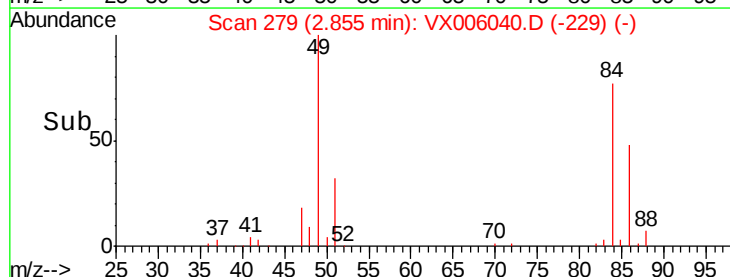
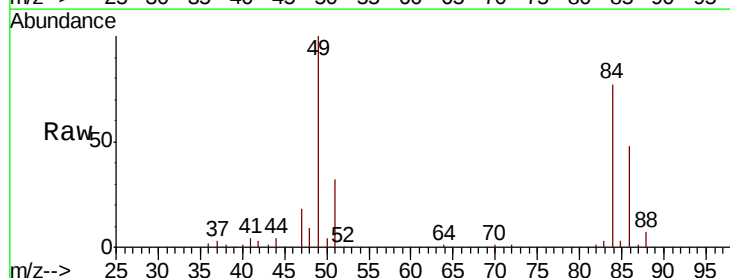
Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion: 73 Resp: 93882
Ion Ratio Lower Upper
73 100
57 23.2 18.8 28.2



#20
Methylene Chloride
Concen: 20.855 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion: 84 Resp: 29224
Ion Ratio Lower Upper
84 100
49 130.1 109.5 164.3
51 41.2 33.3 49.9
86 63.1 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 20.893 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1116WBS01

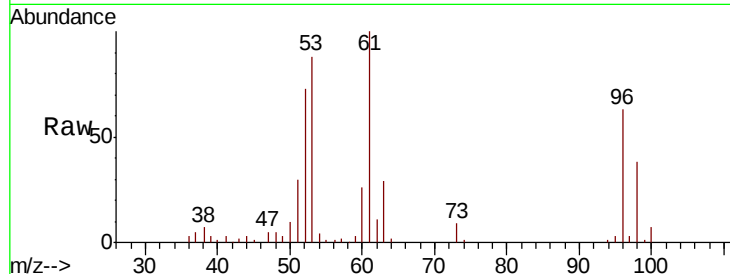
Tot Ion: 96 Resp: 26844

Ion Ratio Lower Upper

96 100

61 159.1 115.6 173.4

98 60.3 50.2 75.2

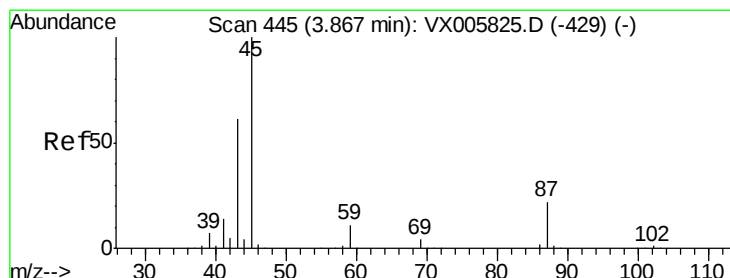
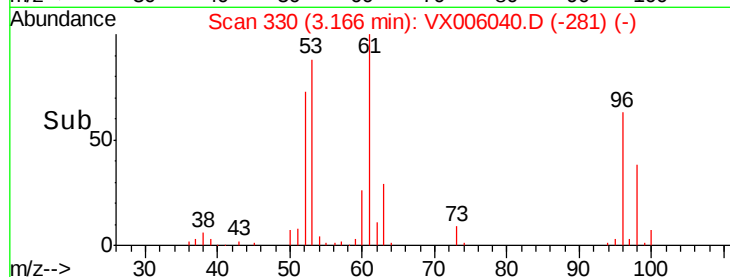
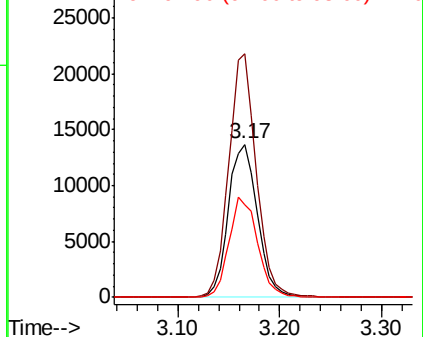


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.023 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Tgt Ion: 45 Resp: 100195

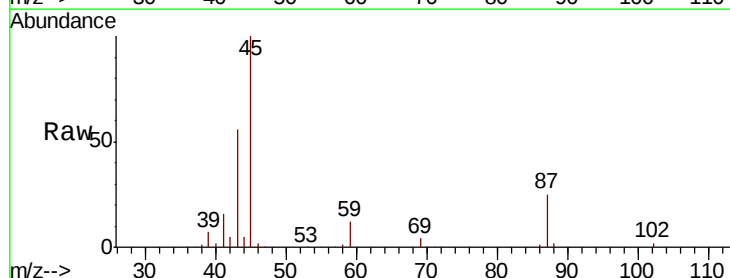
Ion Ratio Lower Upper

45 100

43 55.7 47.4 71.2

87 24.5 15.9 23.9#

59 11.6 7.7 11.5#



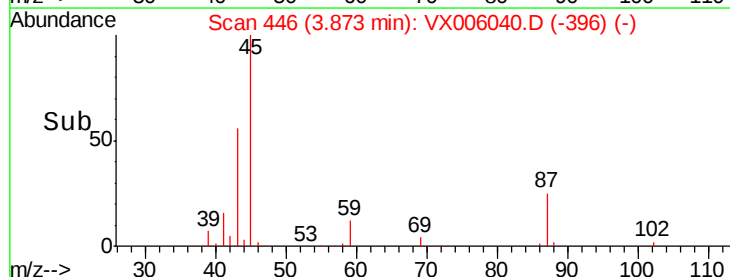
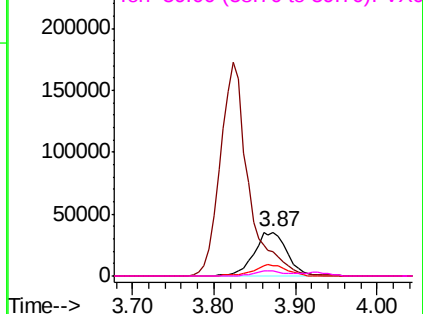
Abundance

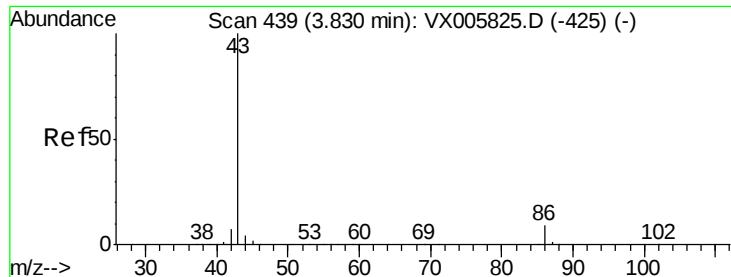
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 102.052 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

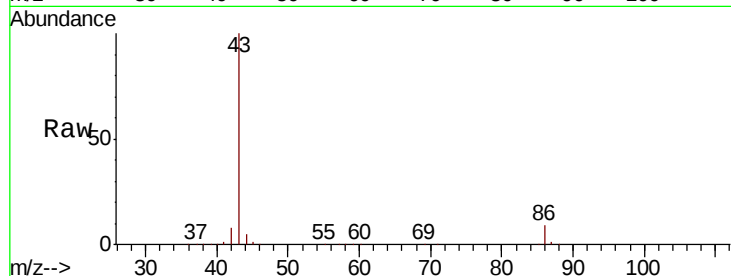
VX1116WBS01

Tot Ion: 43 Resp: 417019

Ion Ratio Lower Upper

43 100

86 8.6 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-425) (-)

Ion 86.00 (85.70 to 86.70): VX005825.D (-425) (-)

200000

150000

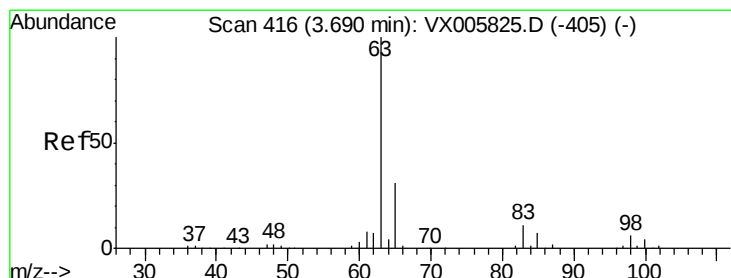
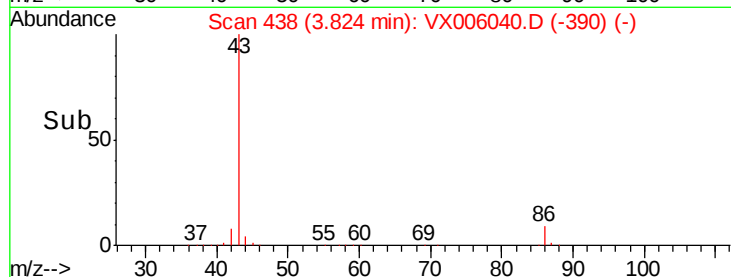
100000

50000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 20.358 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

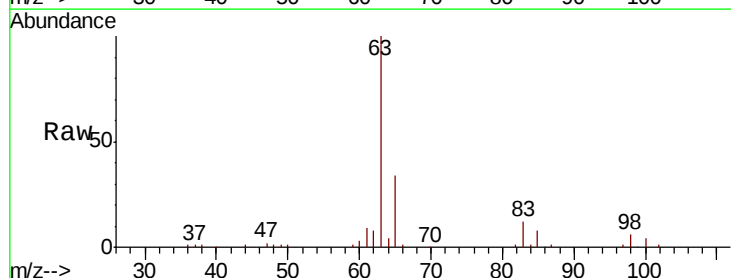
Tgt Ion: 63 Resp: 51765

Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 4.0 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX005825.D (-405) (-)

Ion 97.90 (97.60 to 98.60): VX005825.D (-405) (-)

Ion 99.90 (99.60 to 100.60): VX005825.D (-405) (-)

30000

25000

20000

15000

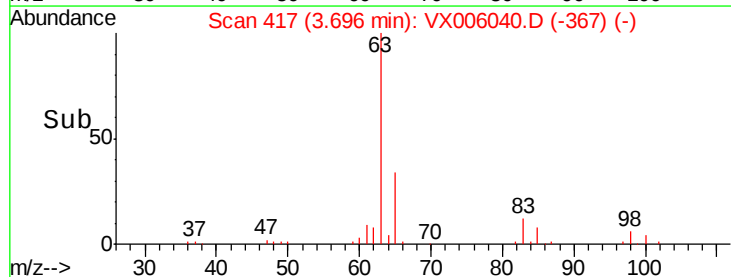
10000

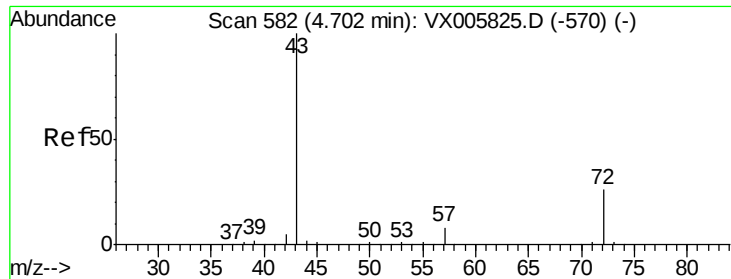
5000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 100.159 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

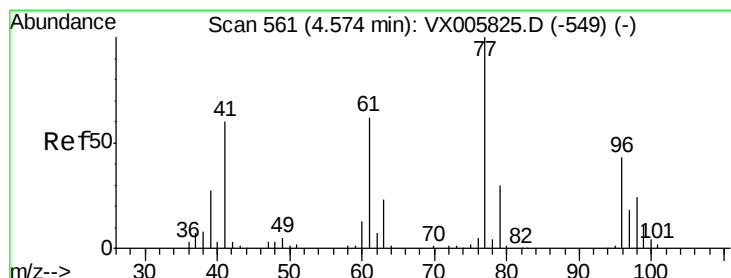
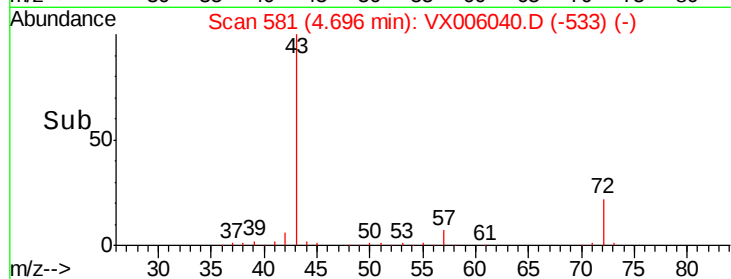
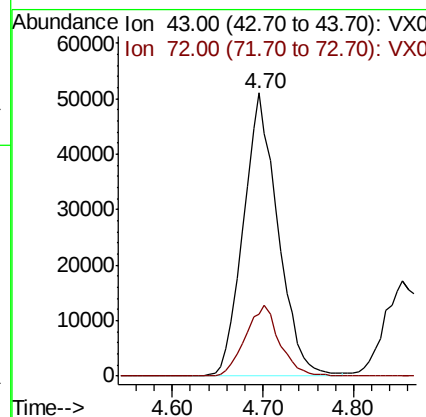
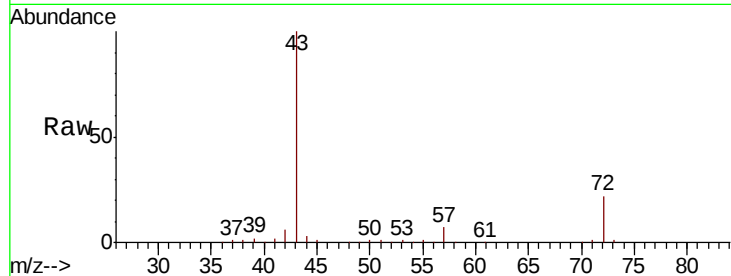
VX1116WBS01

Tot Ion: 43 Resp: 134329

Ion Ratio Lower Upper

43 100

72 22.1 19.2 28.8



#26

2,2-Dichloropropane

Concen: 21.756 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006040.D

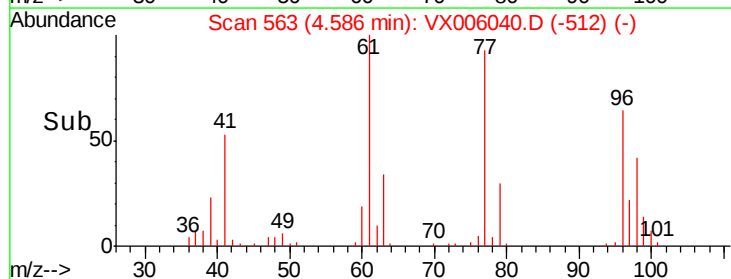
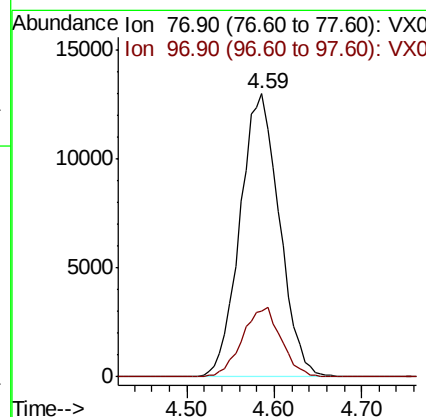
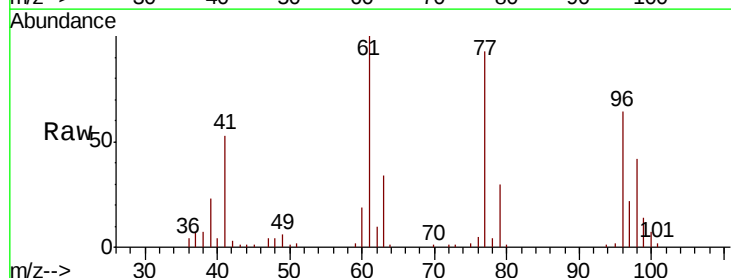
Acq: 16 Nov 2018 10:55

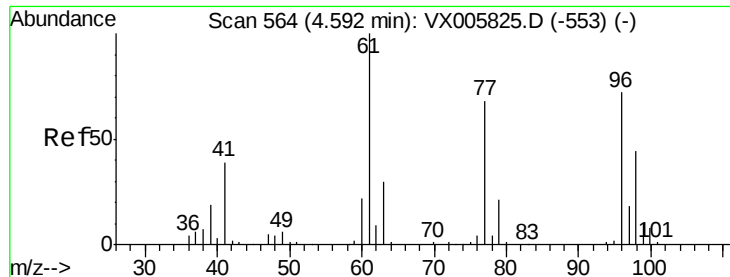
Tgt Ion: 77 Resp: 40580

Ion Ratio Lower Upper

77 100

97 24.2 11.5 34.5



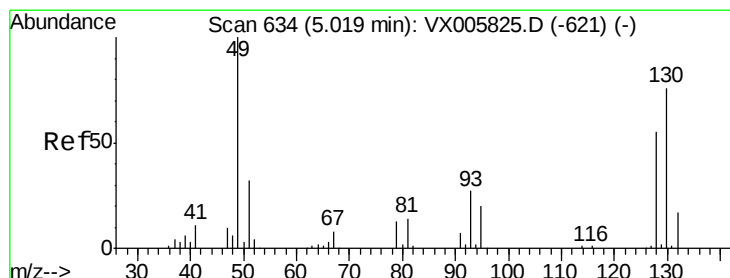
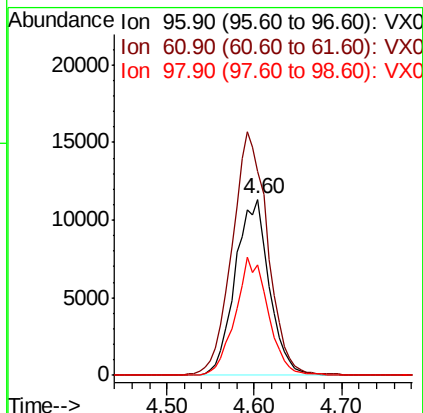
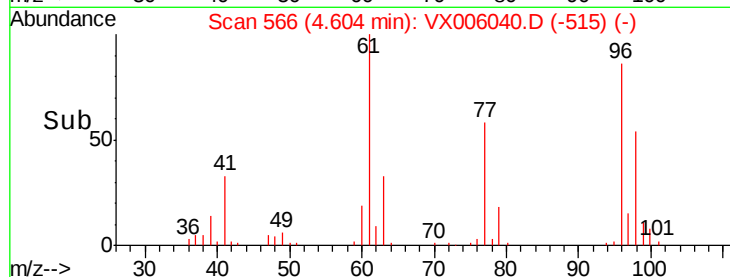
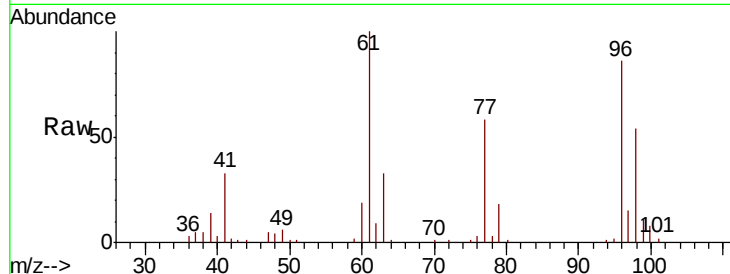


#27

cis-1,2-Dichloroethene
Concen: 21.588 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

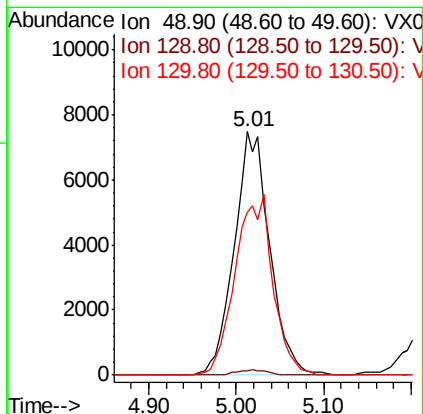
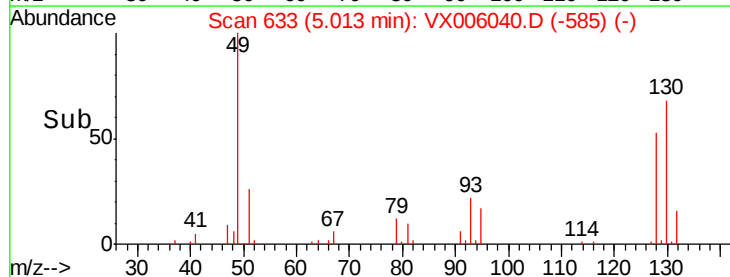
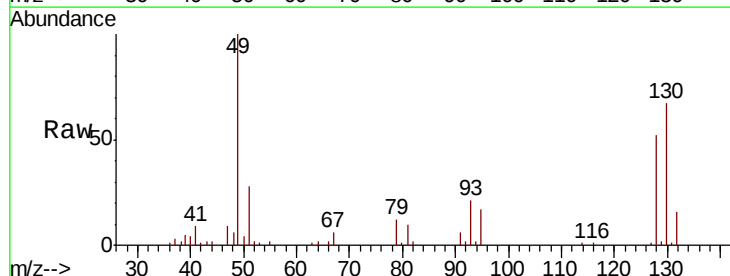
Tot Ion: 96 Resp: 30627
Ion Ratio Lower Upper
96 100
61 144.9 0.0 304.6
98 64.5 0.0 127.4



#28

Bromochloromethane
Concen: 18.519 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion: 49 Resp: 21045
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 77.9 58.9 88.3

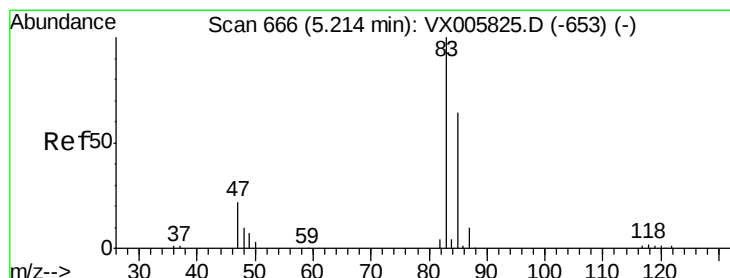
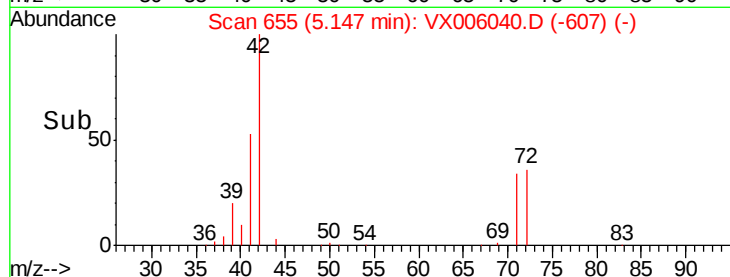
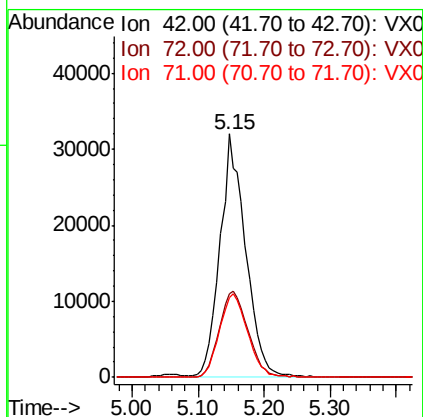
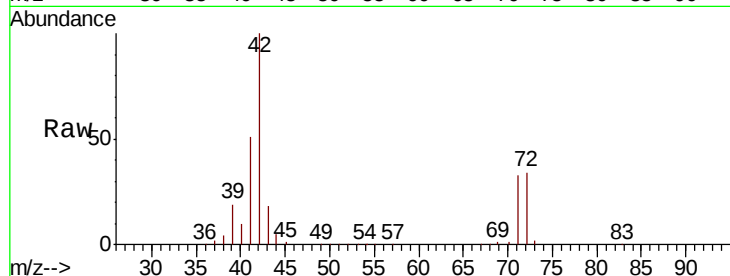




#29
Tetrahydrofuran
Concen: 99.882 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

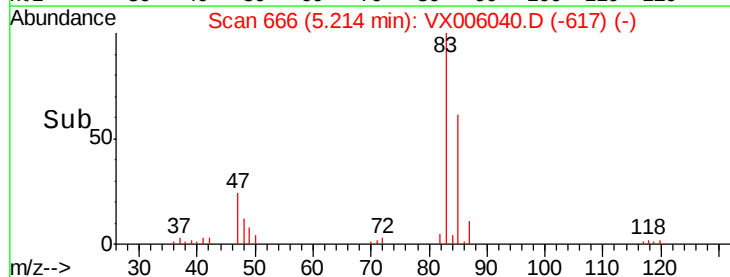
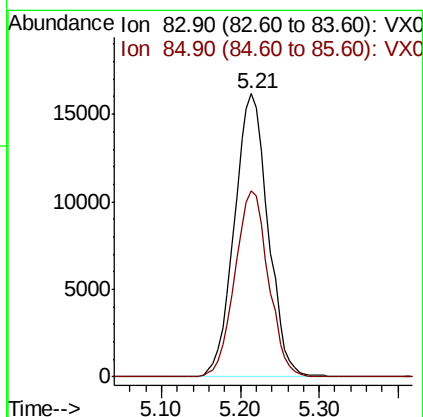
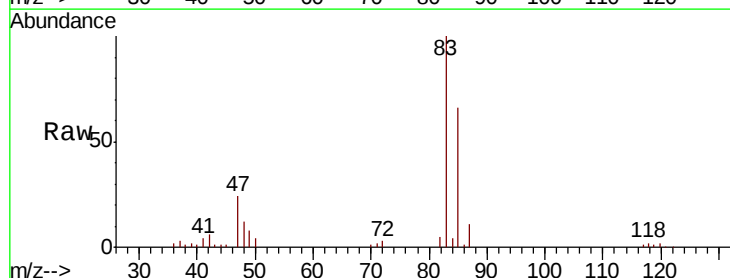
Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

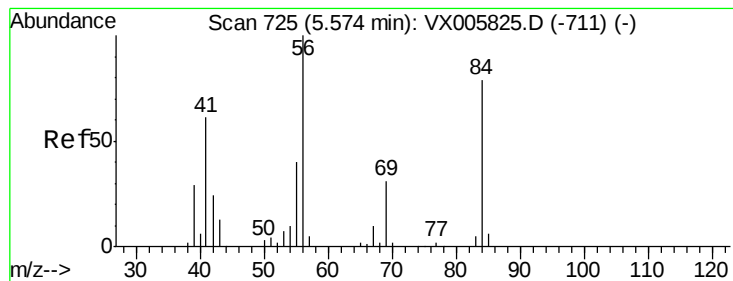
Tot Ion: 42 Resp: 86011
Ion Ratio Lower Upper
42 100
72 39.8 32.0 48.0
71 37.7 29.8 44.8



#30
Chloroform
Concen: 19.579 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion: 83 Resp: 48030
Ion Ratio Lower Upper
83 100
85 65.9 50.6 76.0





#31

Cyclohexane

Concen: 18.732 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1116WBS01

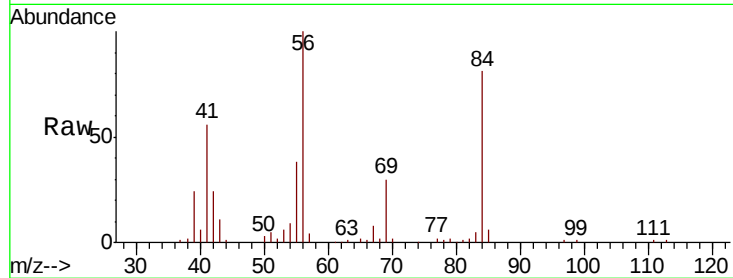
Tot Ion: 56 Resp: 41344

Ion Ratio Lower Upper

56 100

69 30.2 22.6 34.0

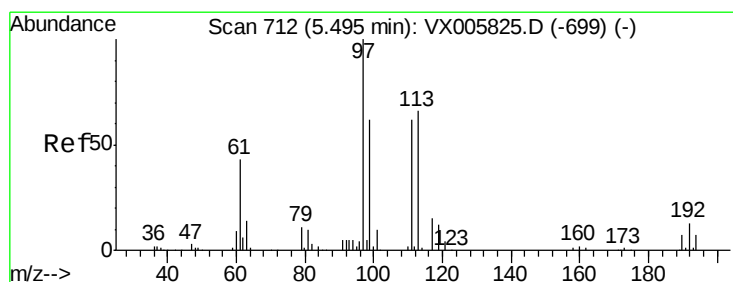
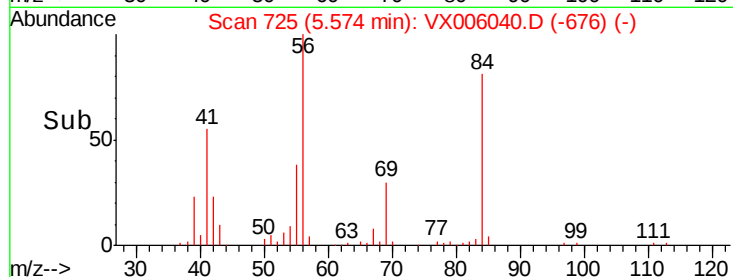
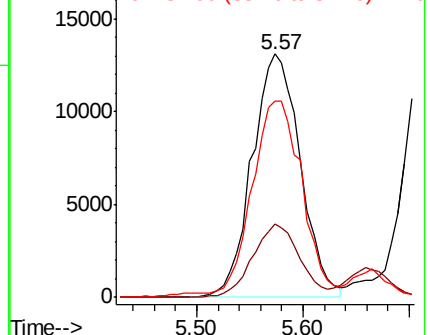
84 78.5 62.7 94.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.613 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

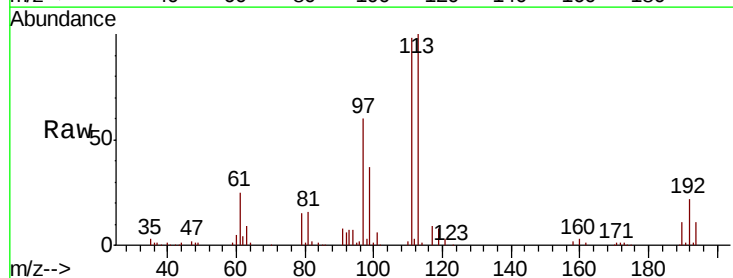
Tgt Ion: 97 Resp: 42178

Ion Ratio Lower Upper

97 100

99 65.1 52.3 78.5

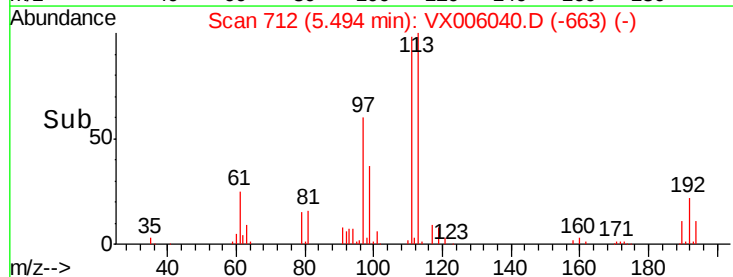
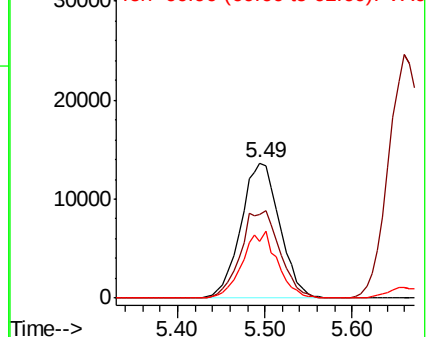
61 44.6 35.2 52.8

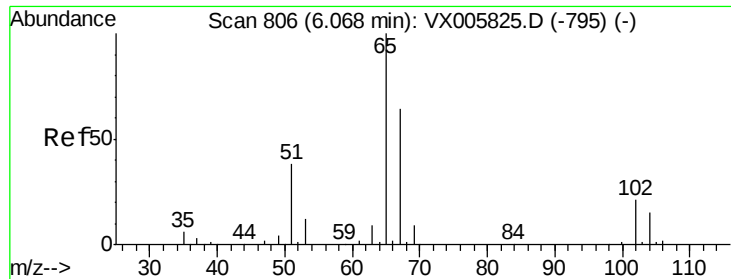


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

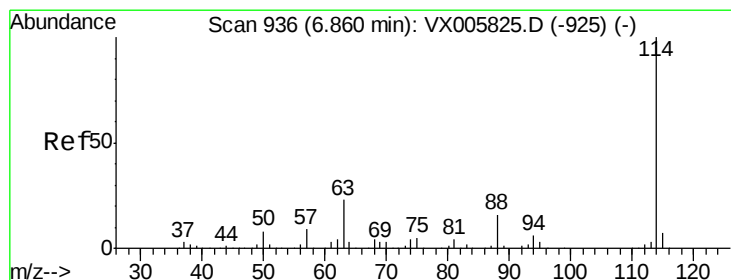
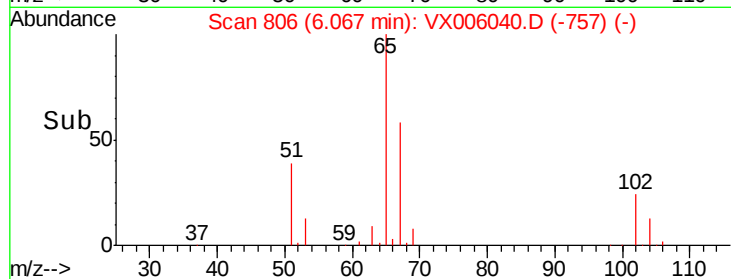
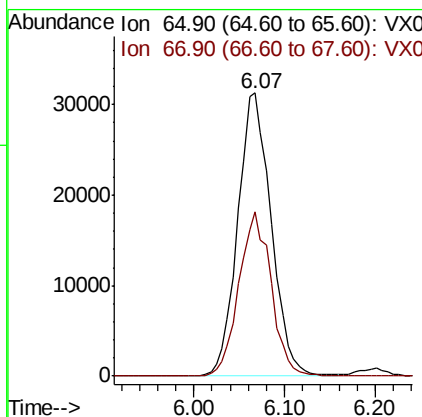
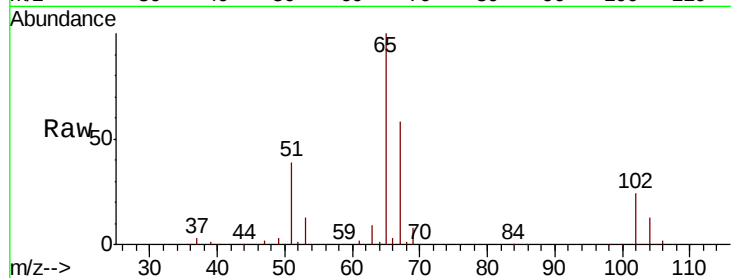




#33
 1,2-Dichloroethane-d4
 Concen: 50.604 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

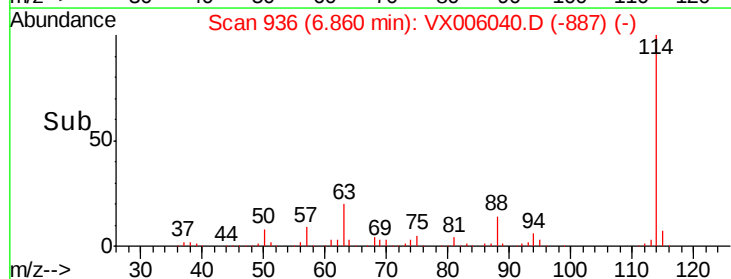
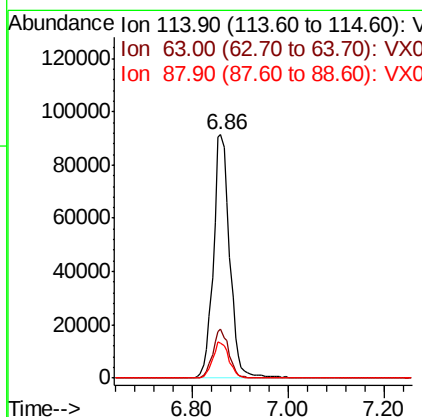
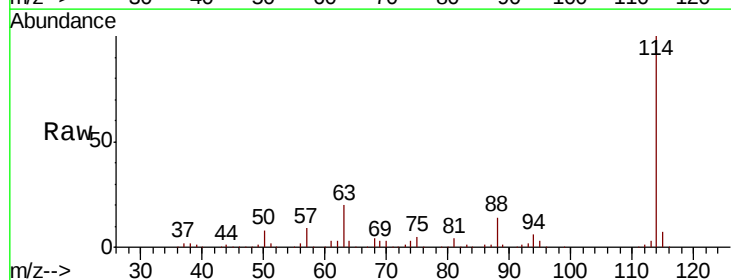
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

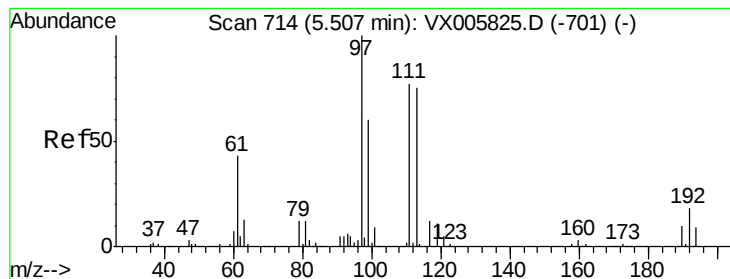
Tot Ion: 65 Resp: 80176
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Tgt Ion: 114 Resp: 216567
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.8
 88 14.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 44.614 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1116WBS01

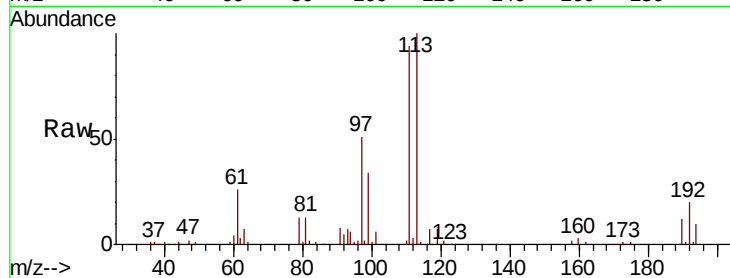
Tot Ion:113 Resp: 65716

Ion Ratio Lower Upper

113 100

111 99.9 82.3 123.5

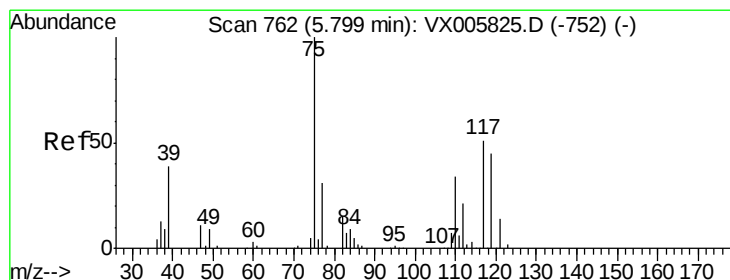
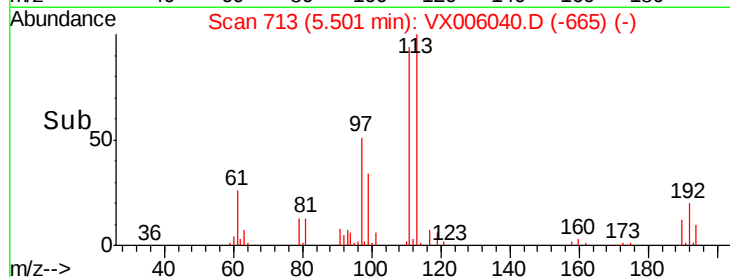
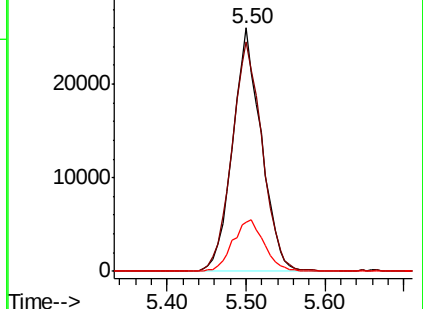
192 23.2 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.997 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

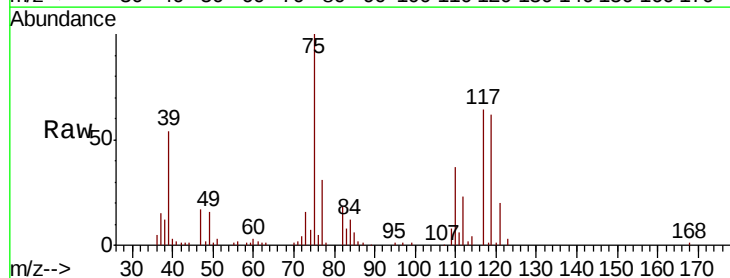
Tgt Ion: 75 Resp: 35486

Ion Ratio Lower Upper

75 100

110 35.6 17.4 52.2

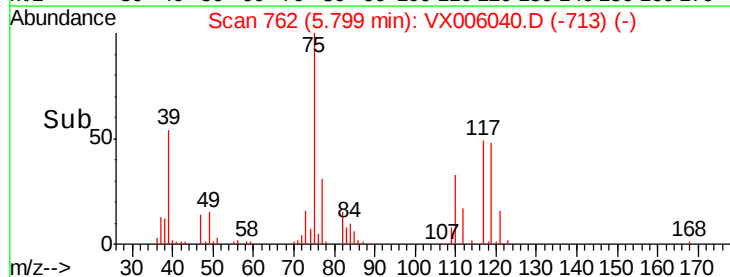
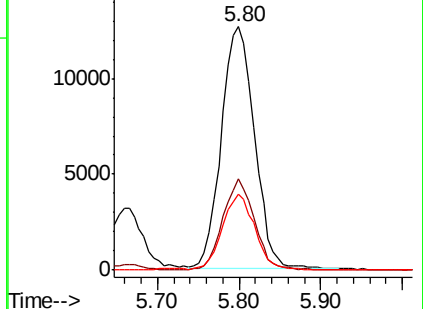
77 30.8 25.8 38.6

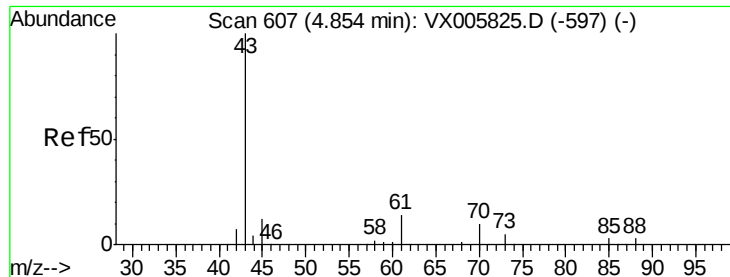


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

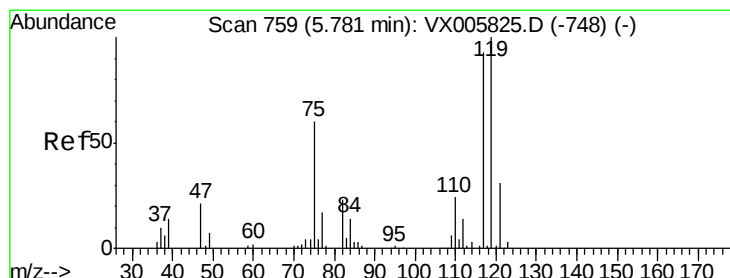
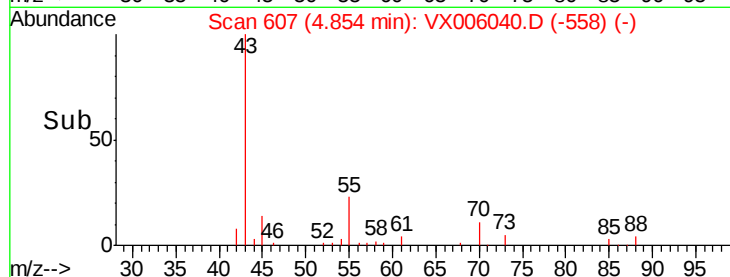
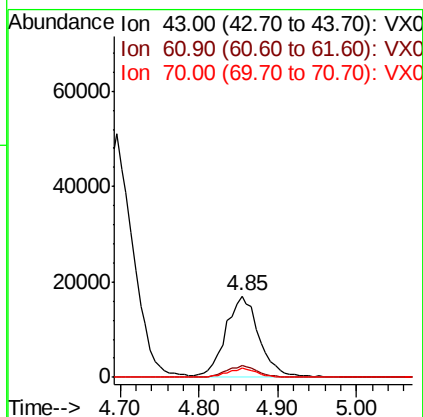
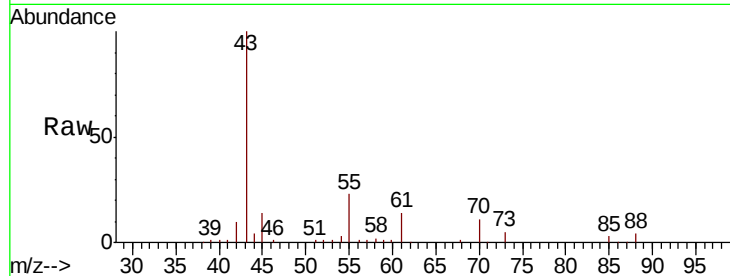




#37
Ethyl Acetate
Concen: 17.979 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

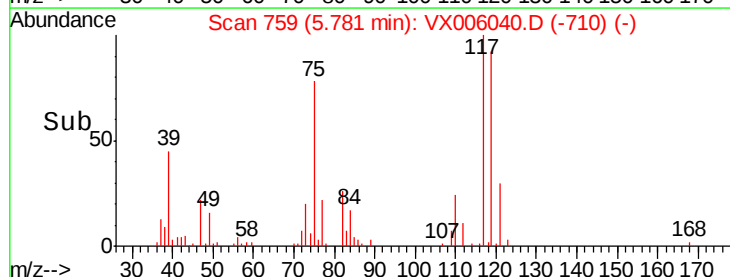
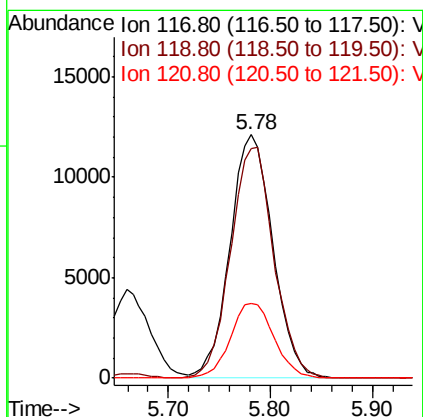
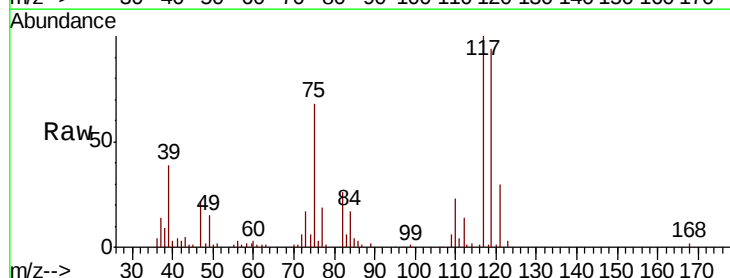
Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion: 43 Resp: 49360
Ion Ratio Lower Upper
43 100
61 13.6 10.8 16.2
70 10.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 16.885 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion: 117 Resp: 35291
Ion Ratio Lower Upper
117 100
119 94.1 78.1 117.1
121 30.4 24.6 36.8

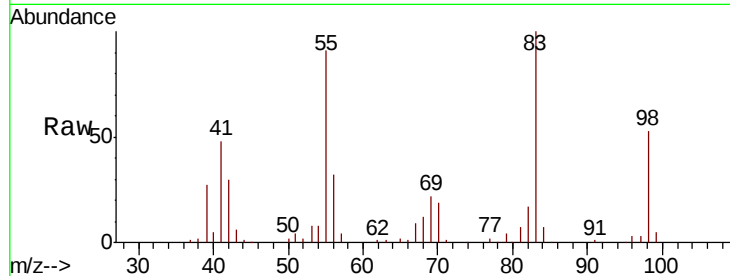




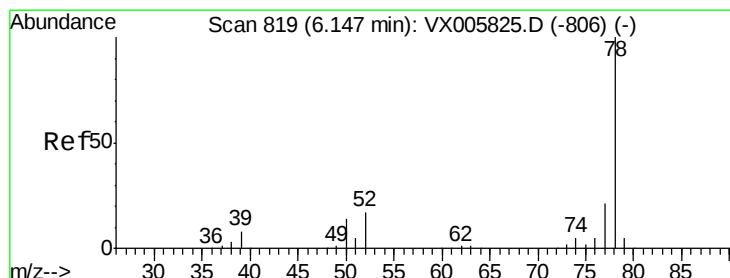
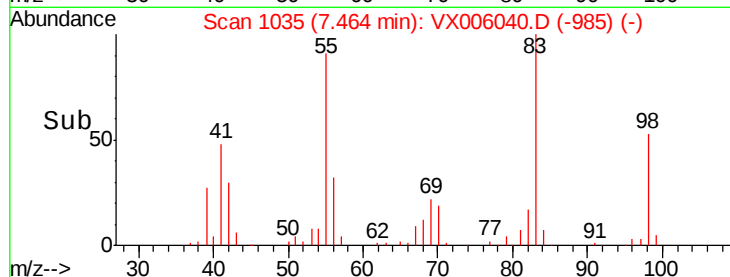
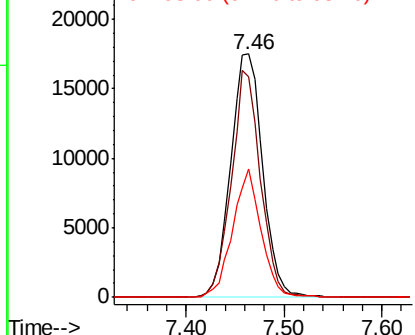
#39
Methvlcvclohexane
Concen: 18.770 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion: 83 Resp: 39718
Ion Ratio Lower Upper
83 100
55 90.6 63.7 95.5
98 52.9 36.2 54.2

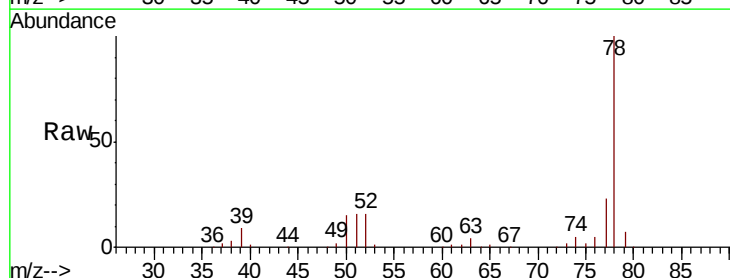


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

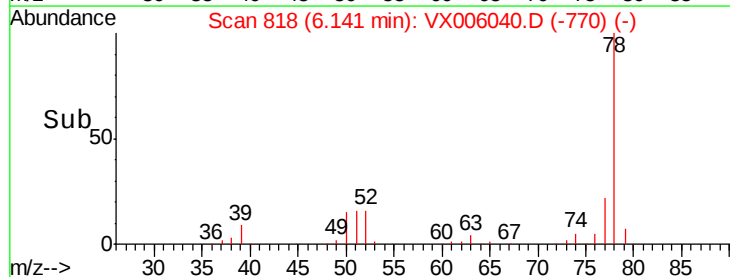
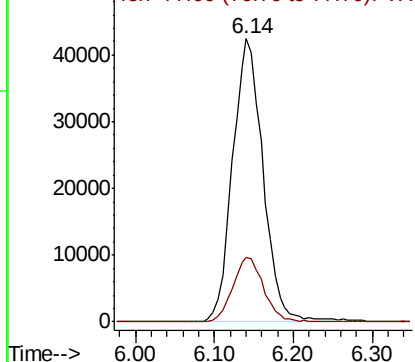


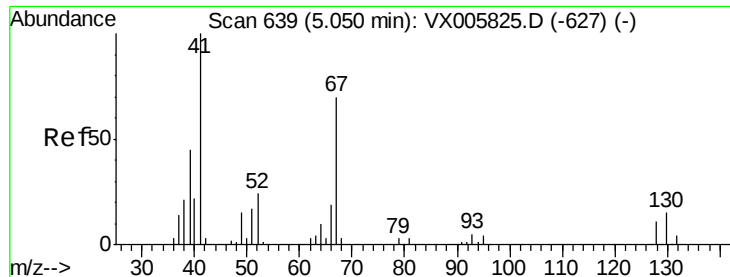
#40
Benzene
Concen: 18.749 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion: 78 Resp: 114112
Ion Ratio Lower Upper
78 100
77 22.9 18.4 27.6



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





#41

Methacrylonitrile

Concen: 18.093 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampled :

VX1116WBS01

Tot Ion: 41 Resp: 26841

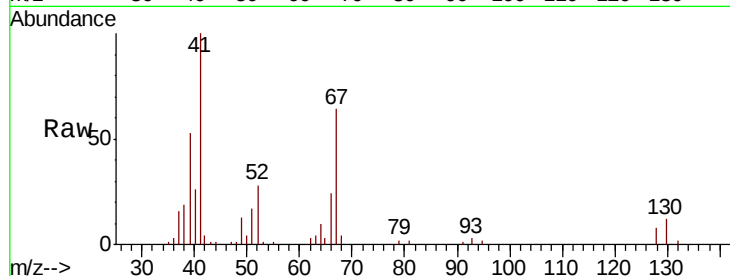
Ion Ratio Lower Upper

41 100

39 53.0 42.2 63.2

67 67.7 53.4 80.0

52 29.0 23.4 35.2

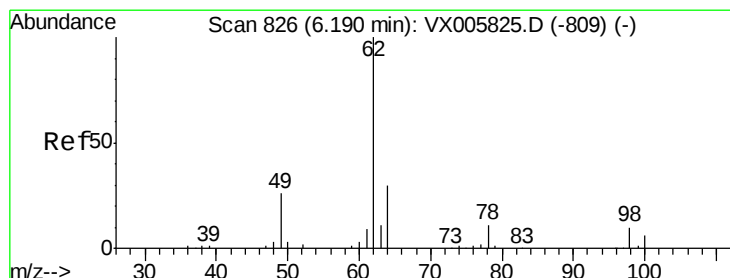
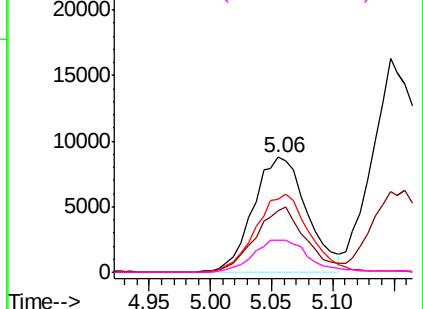
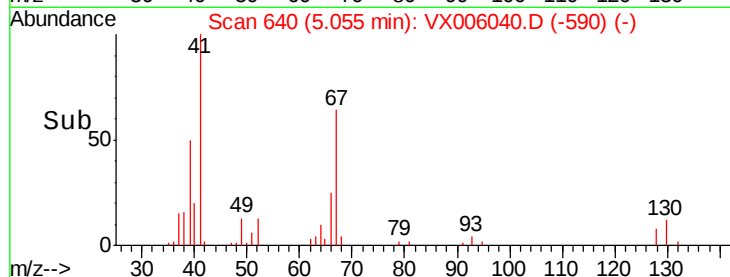


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.925 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX006040.D

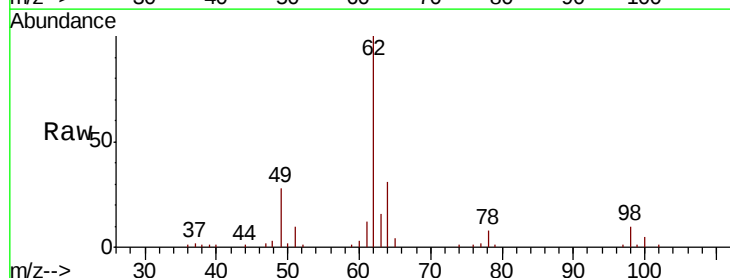
Acq: 16 Nov 2018 10:55

Tgt Ion: 62 Resp: 41256

Ion Ratio Lower Upper

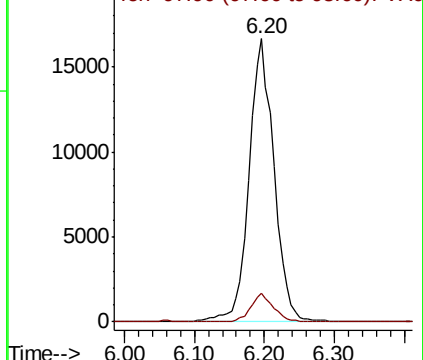
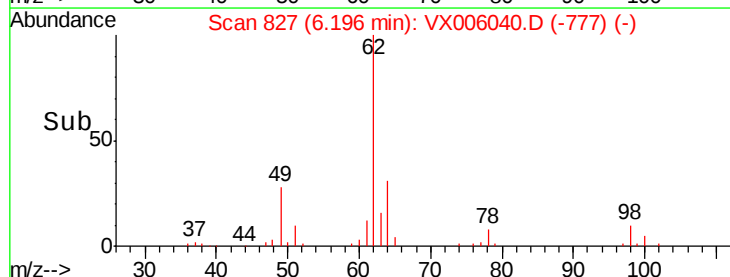
62 100

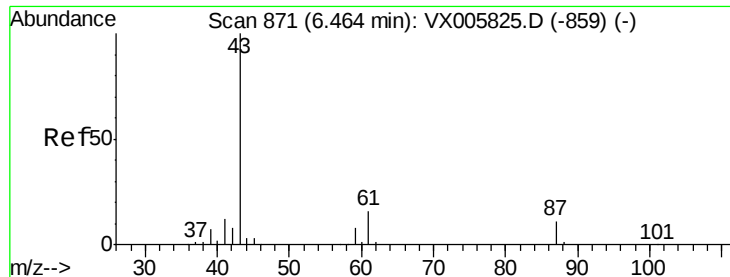
98 9.1 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



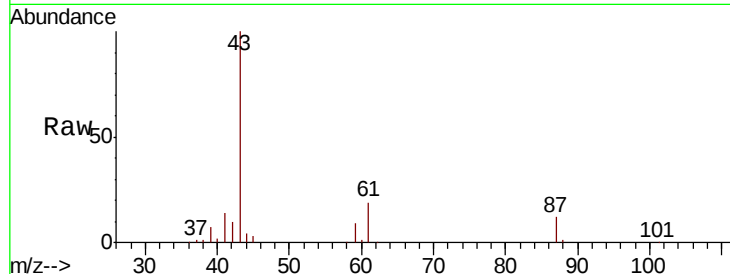


#43

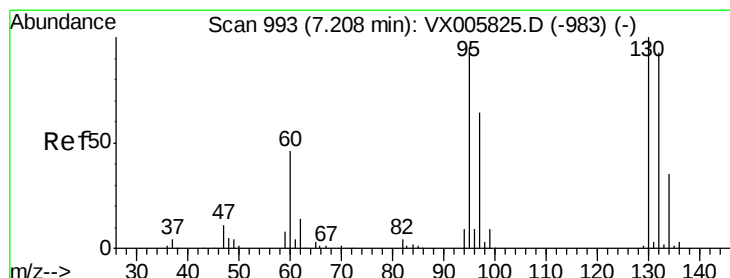
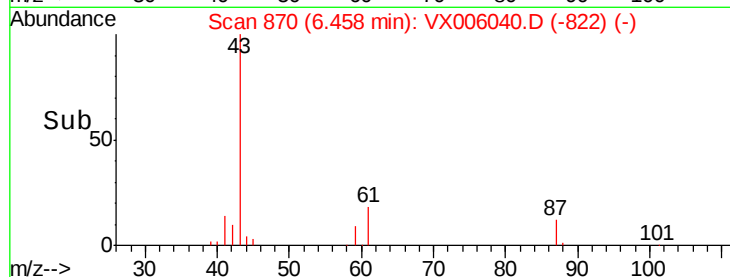
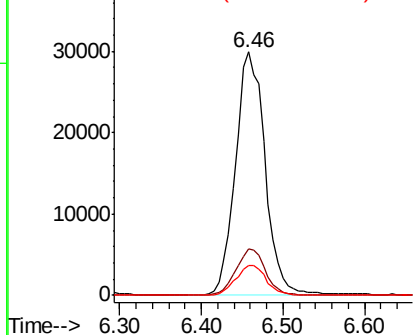
Isopropyl Acetate
 Concen: 18.965 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Tot Ion: 43 Resp: 75448
 Ion Ratio Lower Upper
 43 100
 61 18.9 14.6 22.0
 87 12.6 9.6 14.4



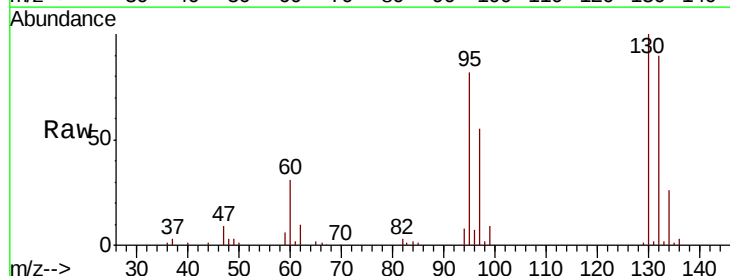
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



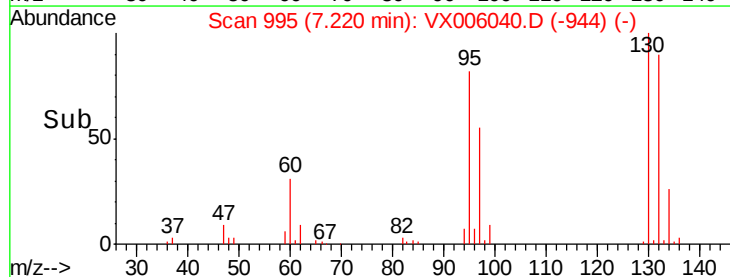
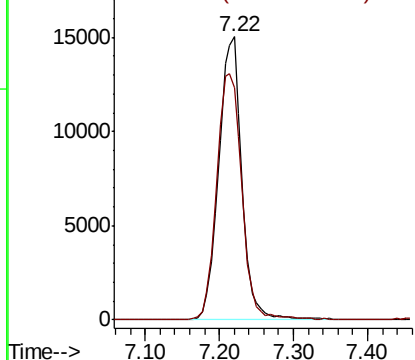
#44

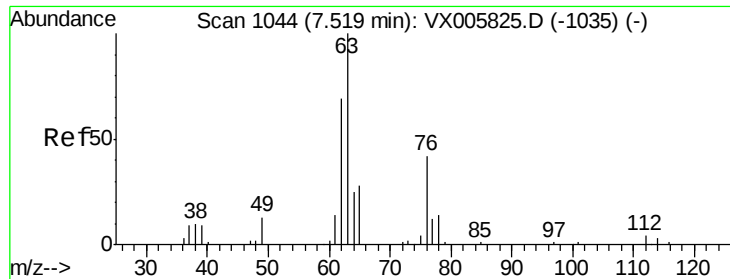
Trichloroethene
 Concen: 20.880 ug/l
 RT: 7.22 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Tgt Ion: 130 Resp: 32273
 Ion Ratio Lower Upper
 130 100
 95 82.2 0.0 194.2



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





#45

1,2-Dichloropropane

Concen: 20.175 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

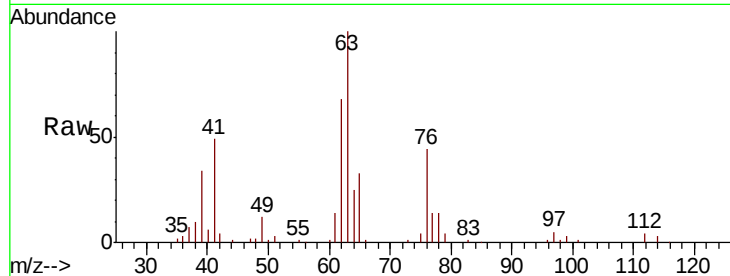
VX1116WBS01

Tot Ion: 63 Resp: 29803

Ion Ratio Lower Upper

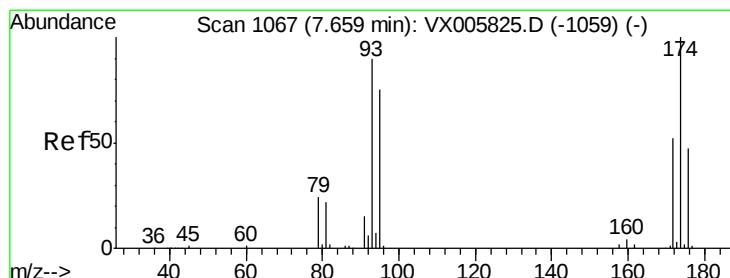
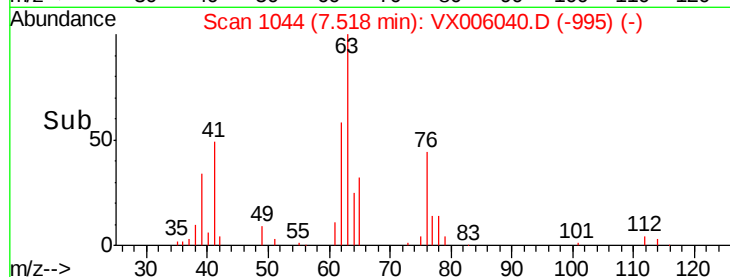
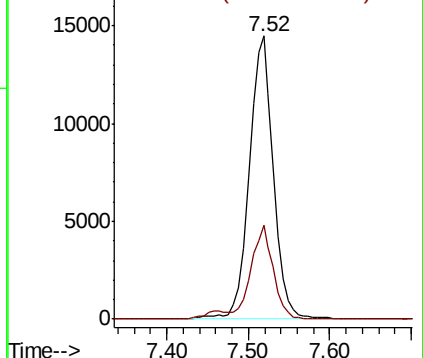
63 100

65 33.2 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.558 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

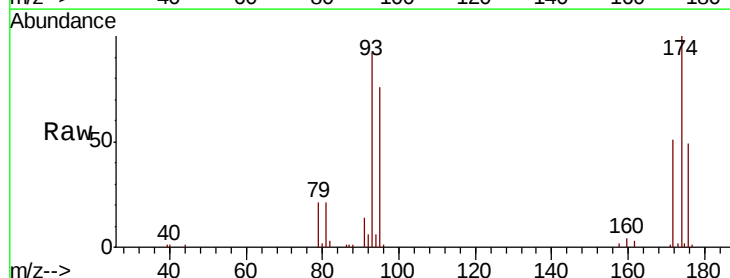
Tgt Ion: 93 Resp: 18130

Ion Ratio Lower Upper

93 100

95 84.5 67.4 101.0

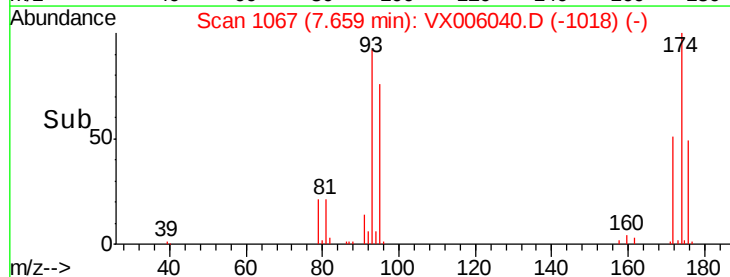
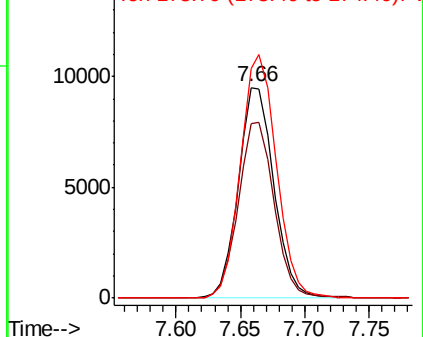
174 116.8 91.5 137.3



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.055 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1116WBS01

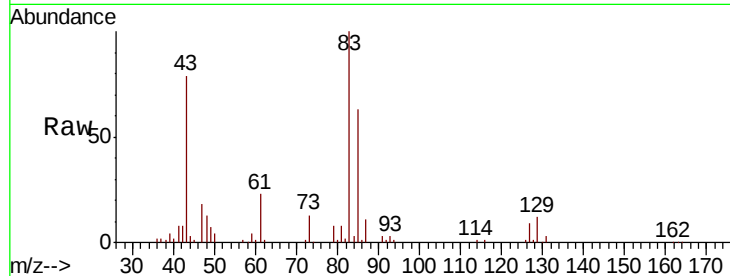
Tot Ion: 83 Resp: 35134

Ion Ratio Lower Upper

83 100

85 62.8 50.2 75.4

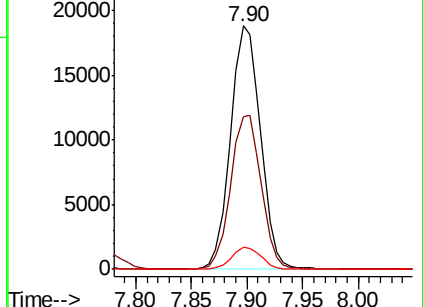
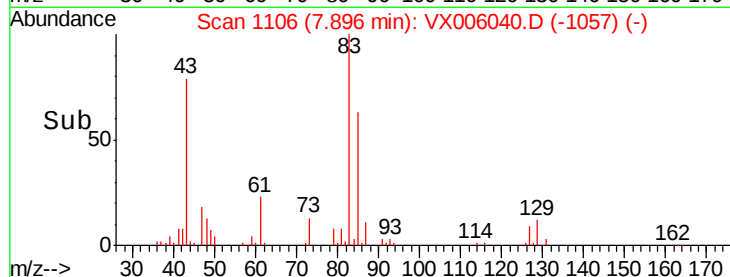
127 9.1 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.967 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

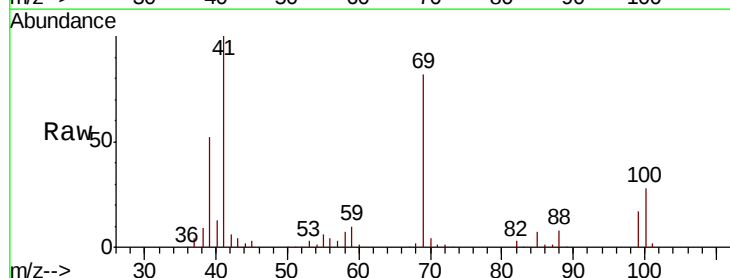
Tgt Ion: 41 Resp: 35666

Ion Ratio Lower Upper

41 100

69 79.7 63.2 94.8

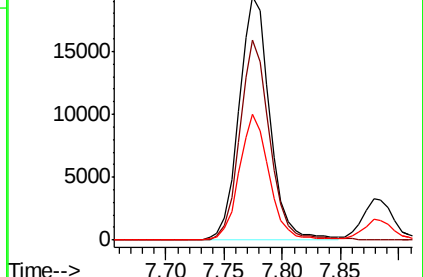
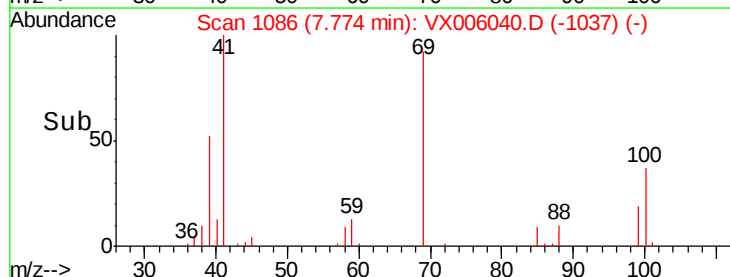
39 50.3 42.2 63.2

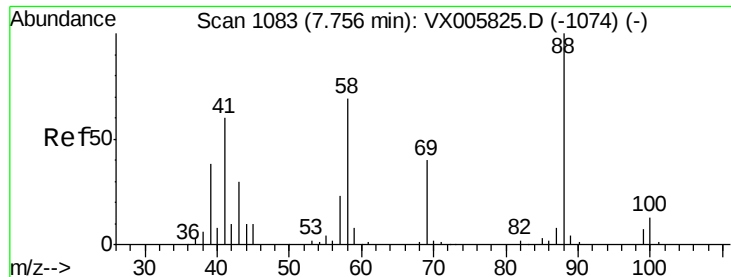


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

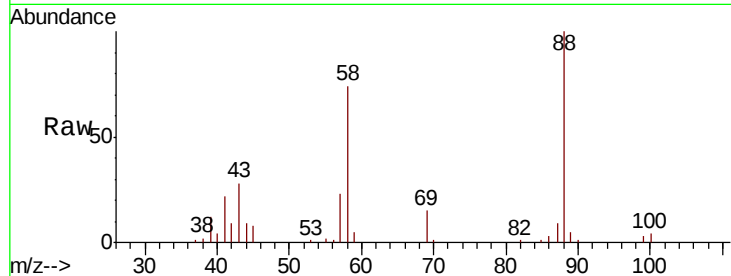




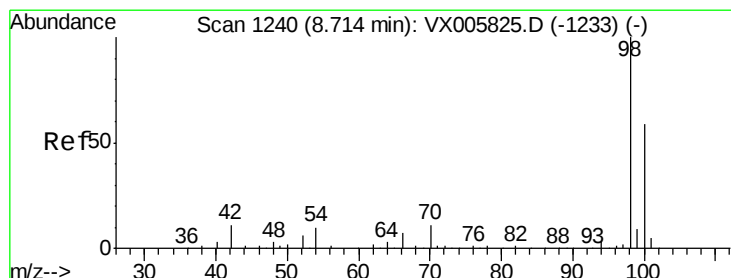
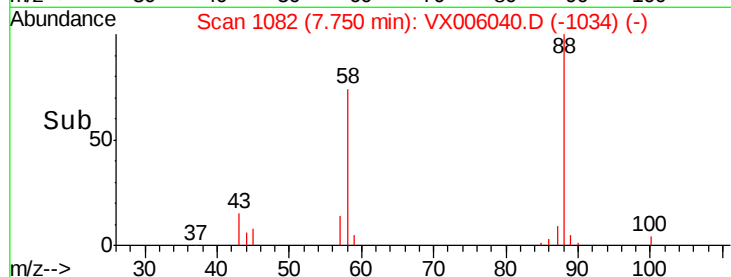
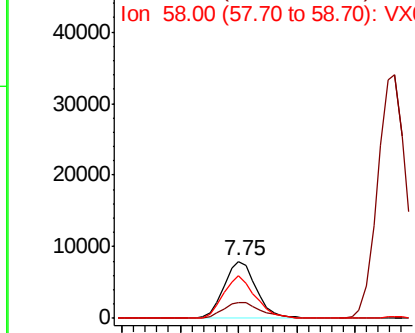
#49
1,4-Dioxane
Concen: 399.748 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion: 88 Resp: 15387
Ion Ratio Lower Upper
88 100
43 33.7 27.4 41.0
58 73.0 59.4 89.2

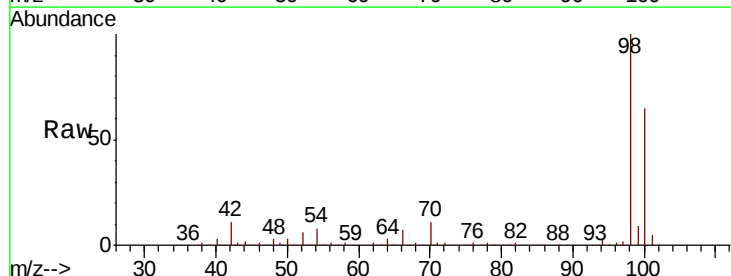


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

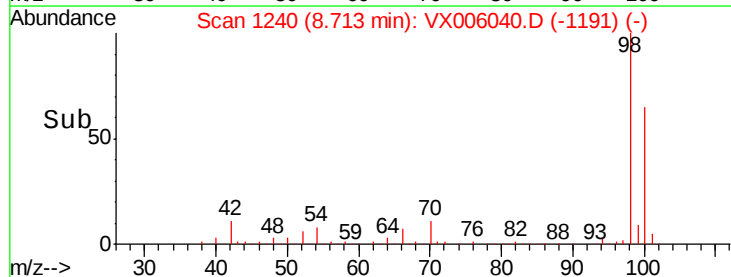
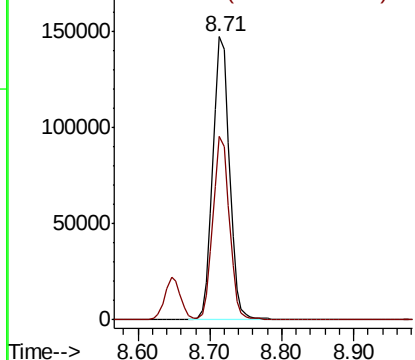


#50
Toluene-d8
Concen: 48.252 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion: 98 Resp: 236293
Ion Ratio Lower Upper
98 100
100 64.3 51.3 76.9



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





#51

4-Methyl-2-Pentanone

Concen: 97.697 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

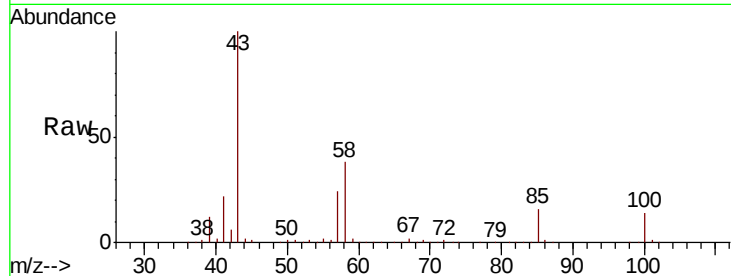
VX1116WBS01

Tot Ion: 43 Resp: 244946

Ion Ratio Lower Upper

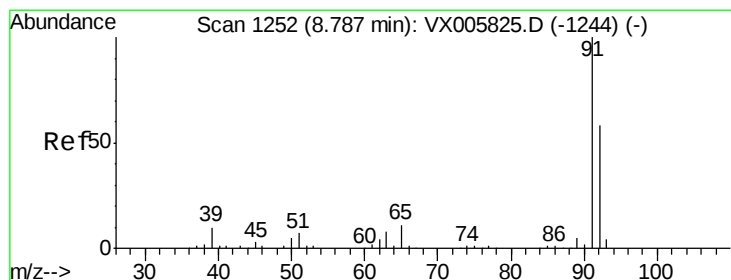
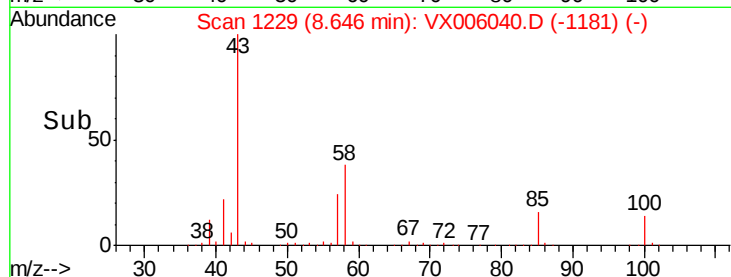
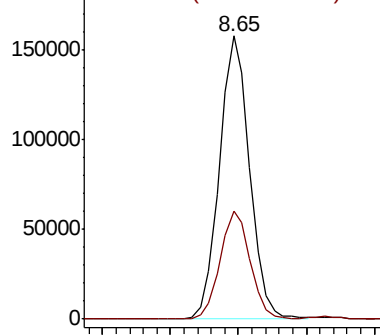
43 100

58 38.1 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.366 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006040.D

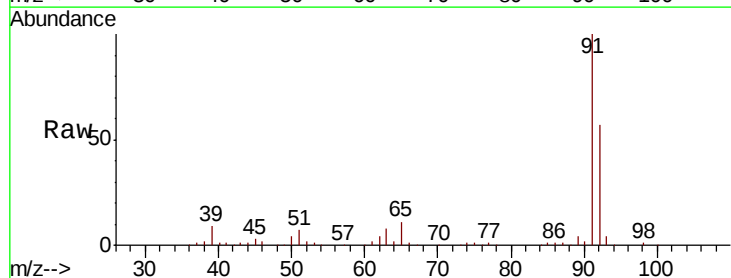
Acq: 16 Nov 2018 10:55

Tgt Ion: 92 Resp: 65873

Ion Ratio Lower Upper

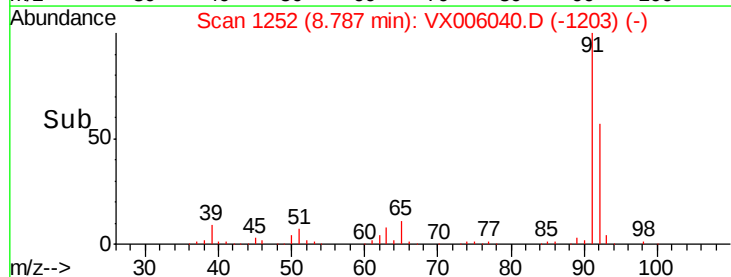
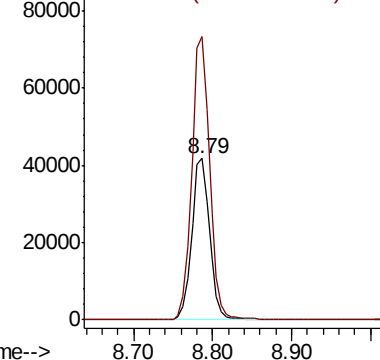
92 100

91 175.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

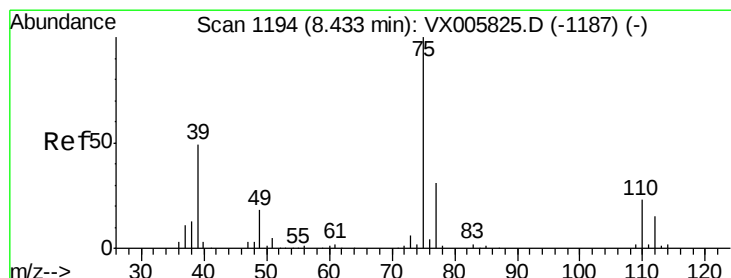
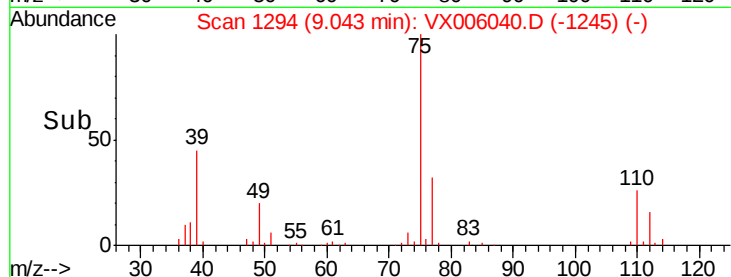
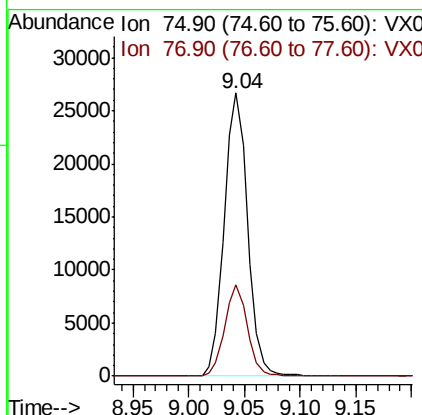
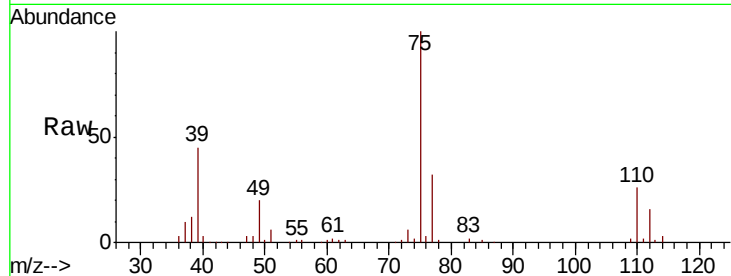




#53
 t-1,3-Dichloropropene
 Concen: 18.781 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

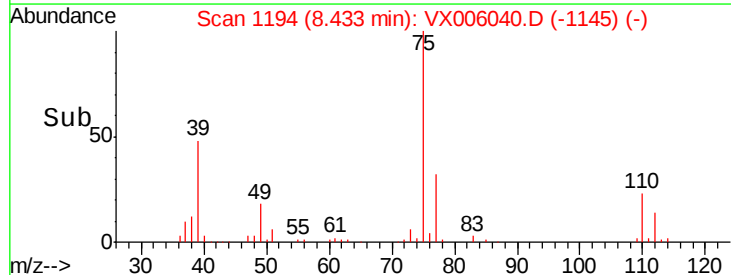
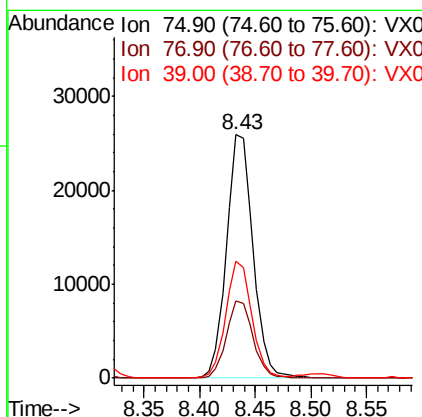
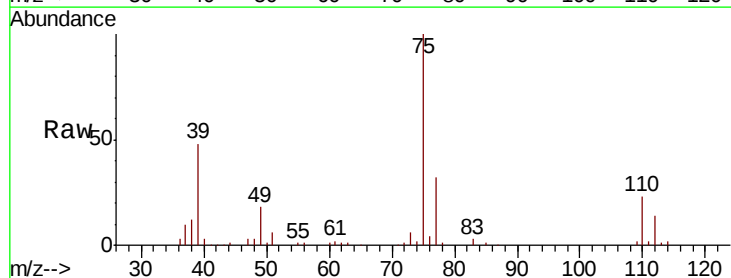
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

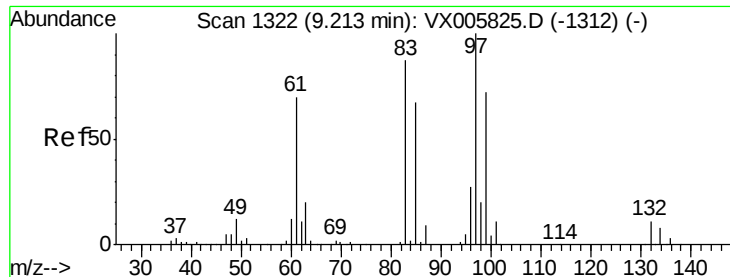
Tot Ion: 75 Resp: 38827
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.341 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Tgt Ion: 75 Resp: 42862
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.2 37.8
 39 48.0 38.2 57.2

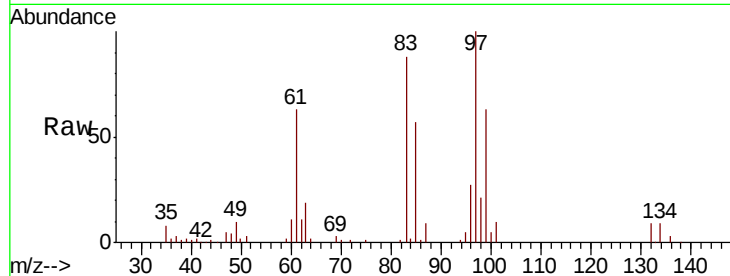




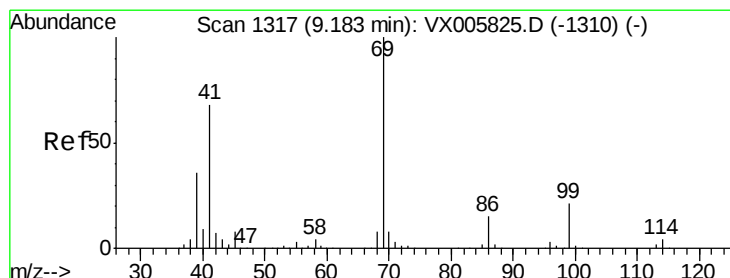
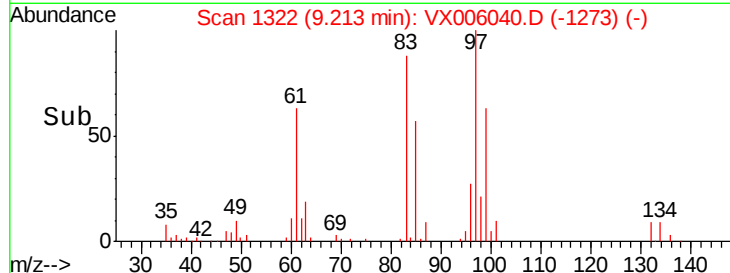
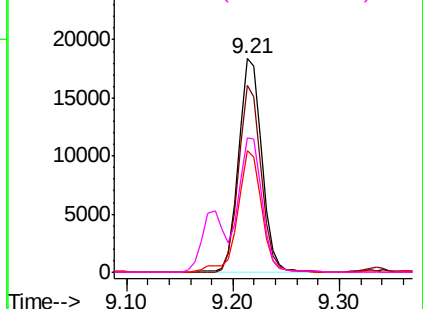
#55
 1,1,2-Trichloroethane
 Concen: 18.689 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Tot Ion: 97 Resp: 28332
 Ion Ratio Lower Upper
 97 100
 83 87.7 70.7 106.1
 85 57.1 45.8 68.6
 99 62.8 51.8 77.8

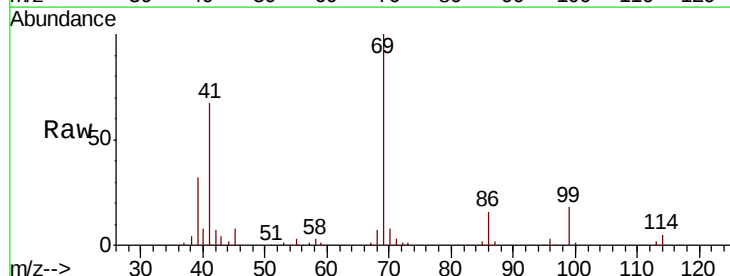


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

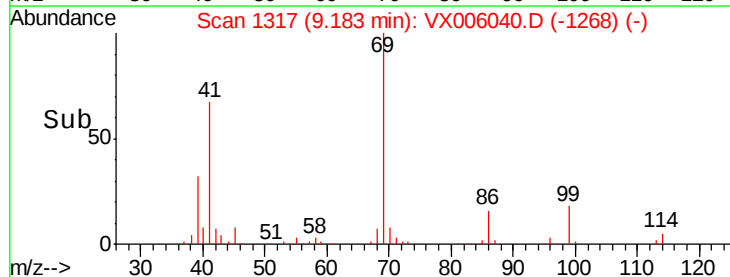
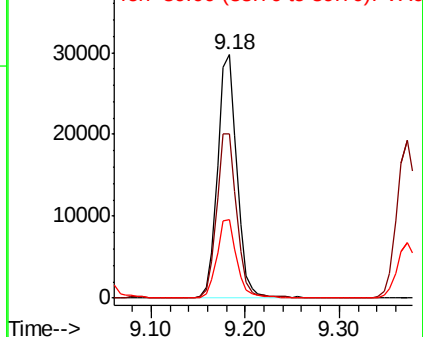


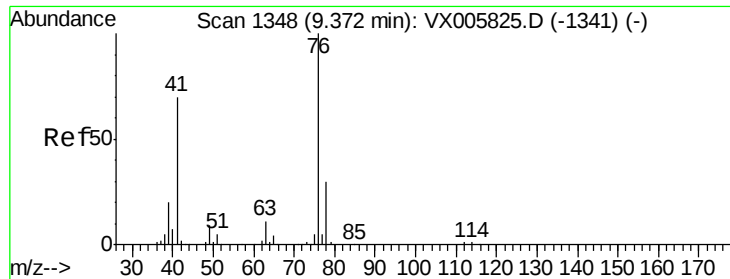
#56
 Ethyl methacrylate
 Concen: 18.734 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Tgt Ion: 69 Resp: 42495
 Ion Ratio Lower Upper
 69 100
 41 70.1 57.0 85.6
 39 33.5 28.3 42.5



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





#57

1,3-Dichloropropane

Concen: 18.334 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

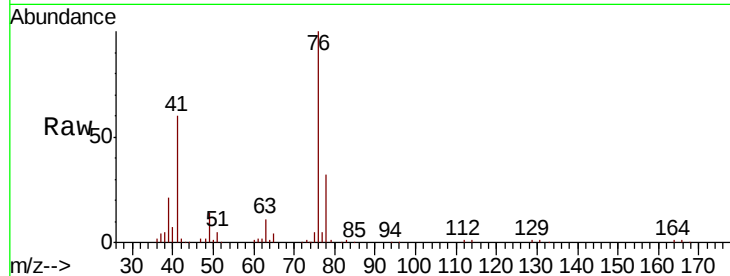
VX1116WBS01

Tot Ion: 76 Resp: 46708

Ion Ratio Lower Upper

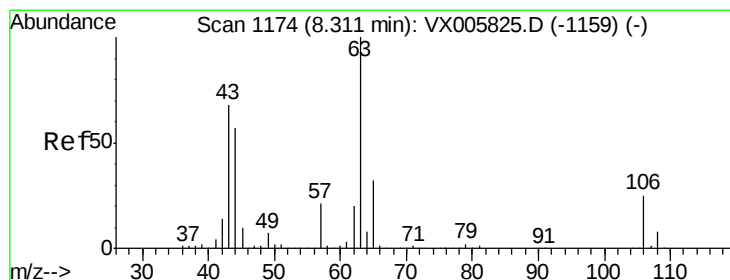
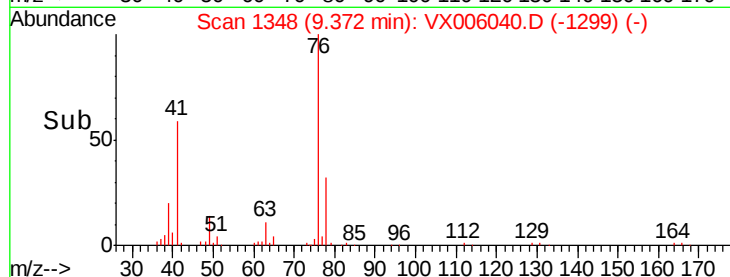
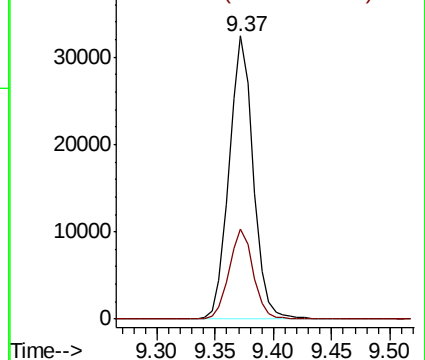
76 100

78 31.8 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 107.638 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006040.D

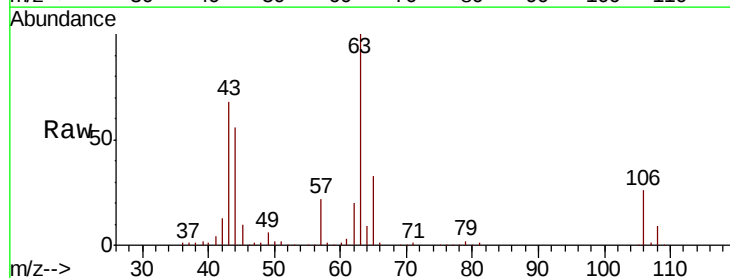
Acq: 16 Nov 2018 10:55

Tgt Ion: 63 Resp: 127015

Ion Ratio Lower Upper

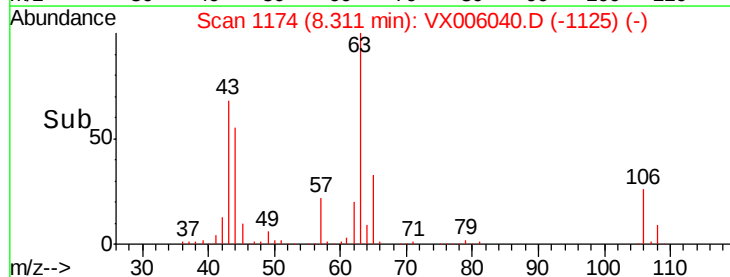
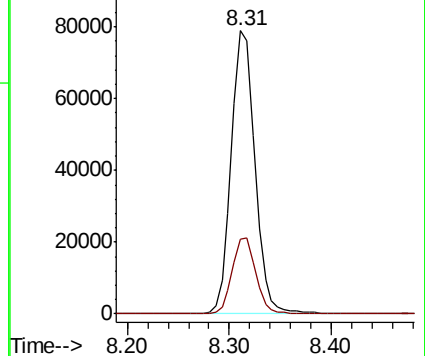
63 100

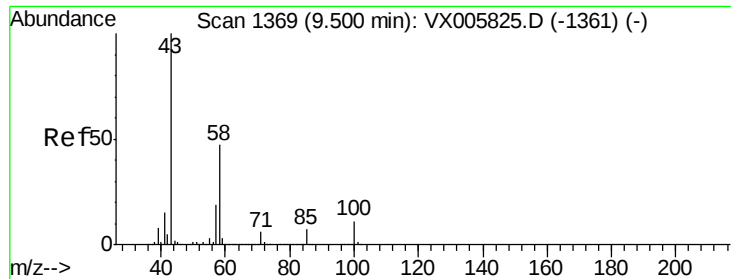
106 26.8 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

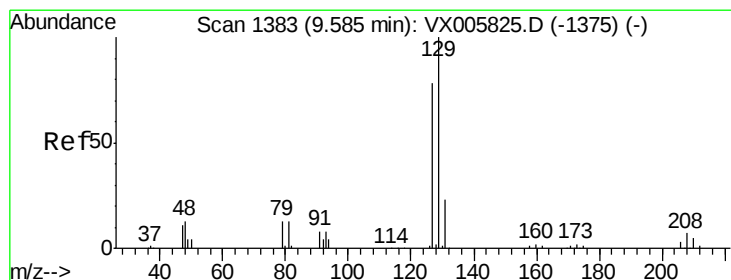
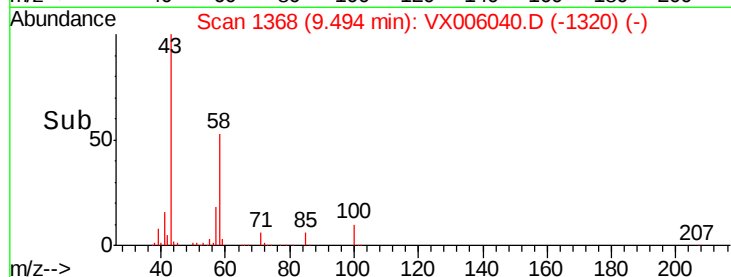
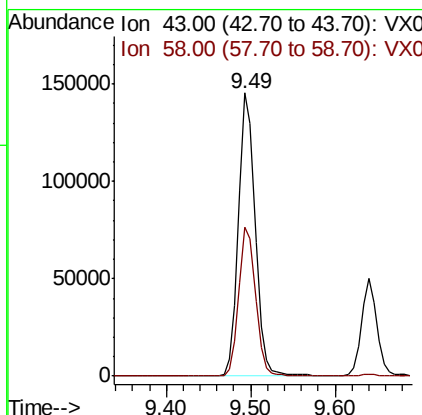
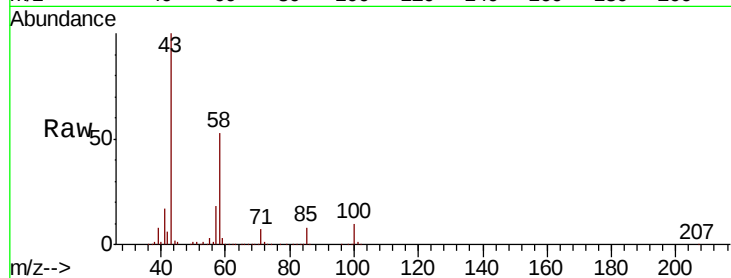




#59
2-Hexanone
Concen: 88.053 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

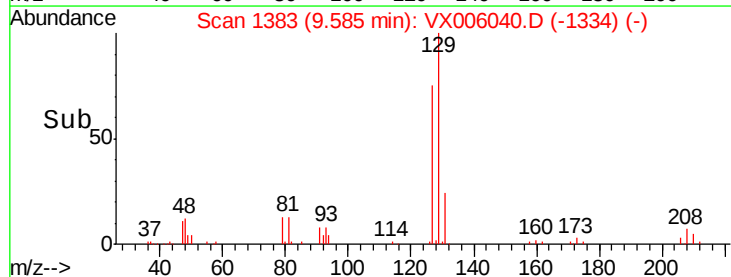
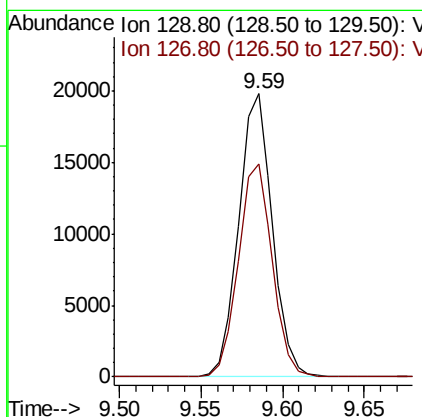
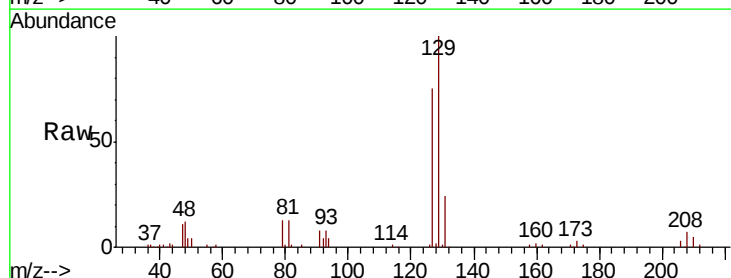
Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

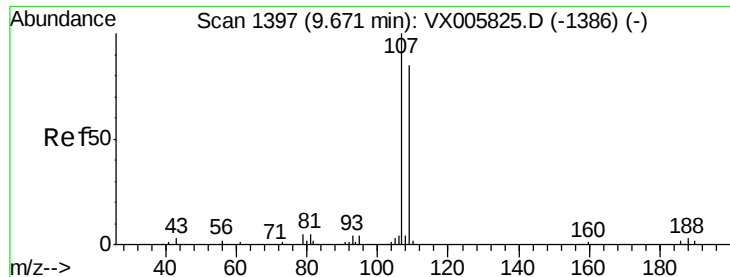
Tot Ion: 43 Resp: 194597
Ion Ratio Lower Upper
43 100
58 52.9 25.9 77.8



#60
Dibromochloromethane
Concen: 17.352 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion:129 Resp: 28429
Ion Ratio Lower Upper
129 100
127 76.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 17.098 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

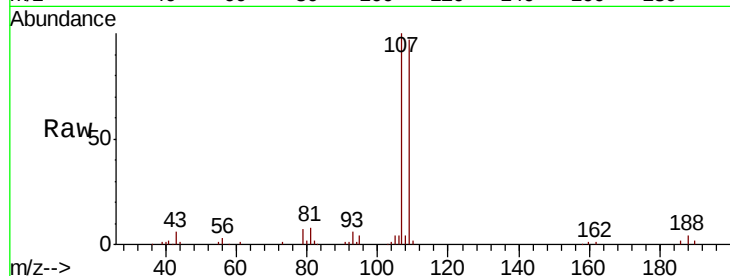
VX1116WBS01

Tot Ion:107 Resp: 28662

Ion Ratio Lower Upper

107 100

109 95.4 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

20000

15000

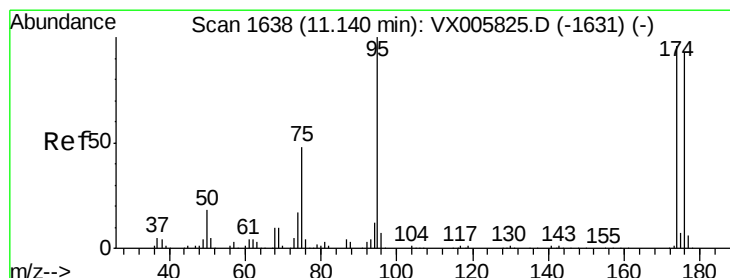
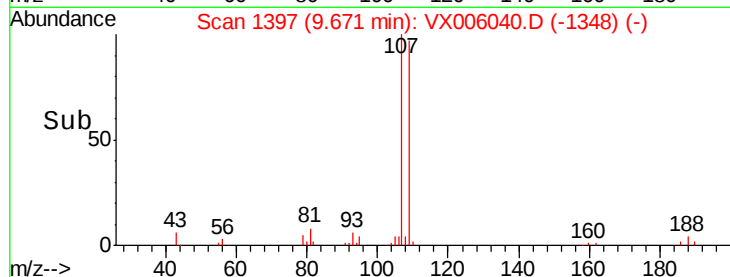
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.643 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

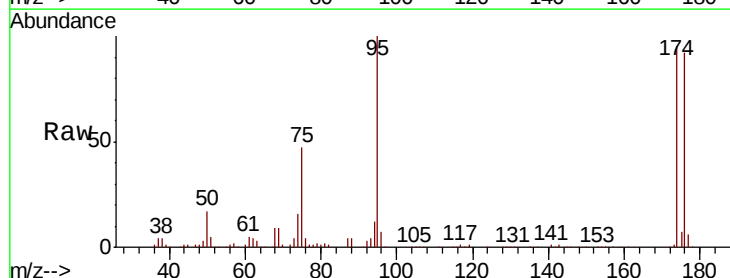
Tgt Ion: 95 Resp: 89165

Ion Ratio Lower Upper

95 100

174 91.2 0.0 184.4

176 88.5 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

80000

60000

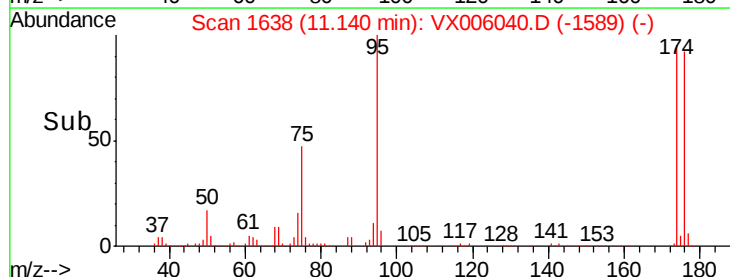
40000

20000

0

Time-->

11.10 11.20

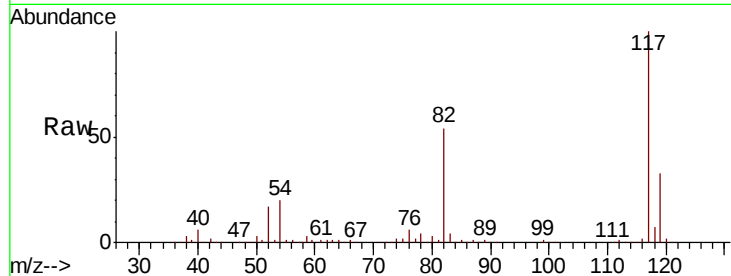




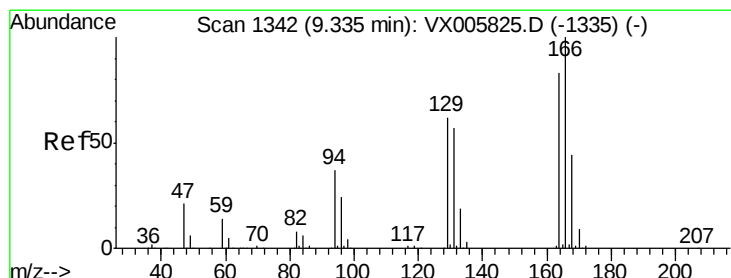
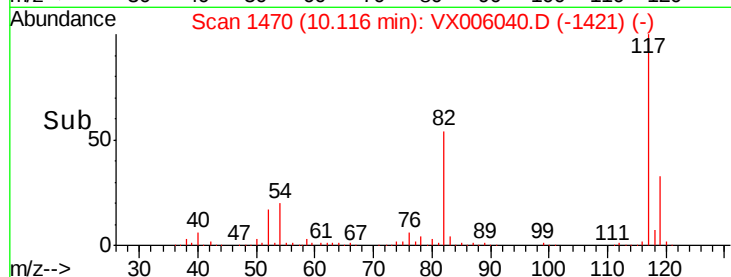
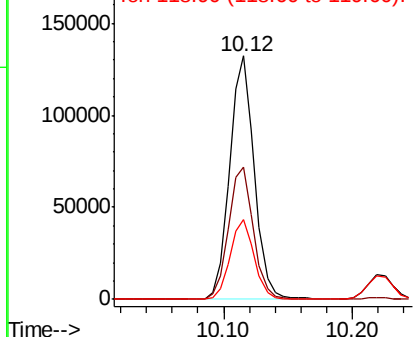
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion:117 Resp: 176677
Ion Ratio Lower Upper
117 100
82 54.2 44.1 66.1
119 32.7 26.2 39.2



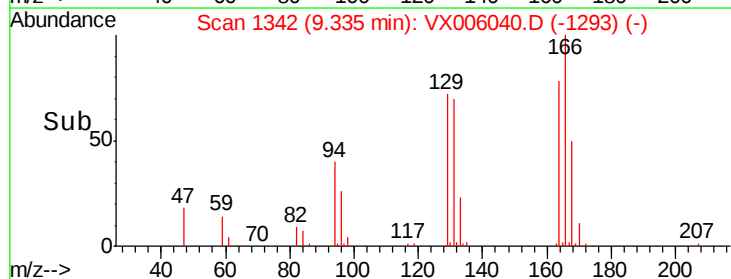
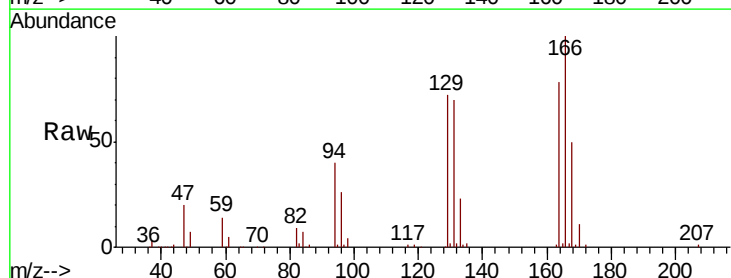
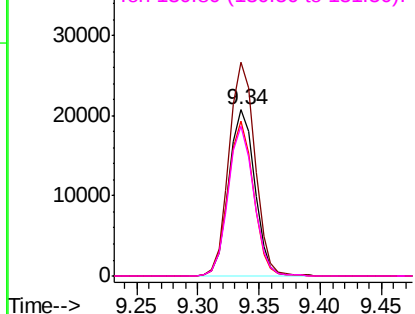
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

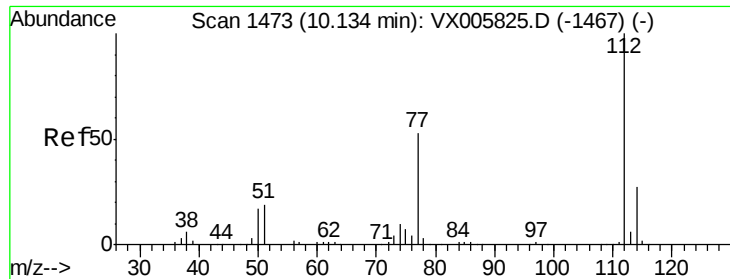


#64
Tetrachloroethene
Concen: 20.326 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion:164 Resp: 30575
Ion Ratio Lower Upper
164 100
166 128.7 101.9 152.9
129 93.0 72.6 109.0
131 90.5 71.1 106.7

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





#65

Chlorobenzene

Concen: 21.455 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

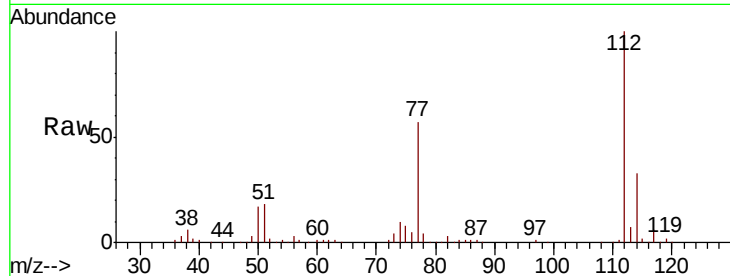
VX1116WBS01

Tot Ion:112 Resp: 75937

Ion Ratio Lower Upper

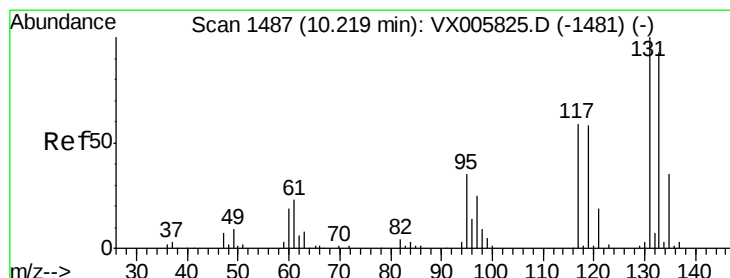
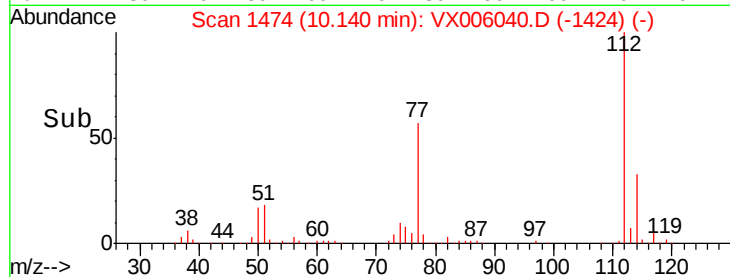
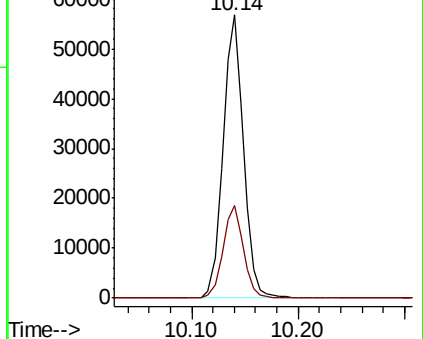
112 100

114 32.7 25.8 38.6



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: 22.432 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

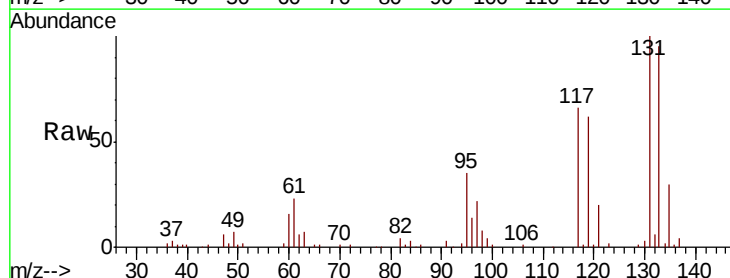
Tgt Ion:131 Resp: 27603

Ion Ratio Lower Upper

131 100

133 94.8 47.5 142.5

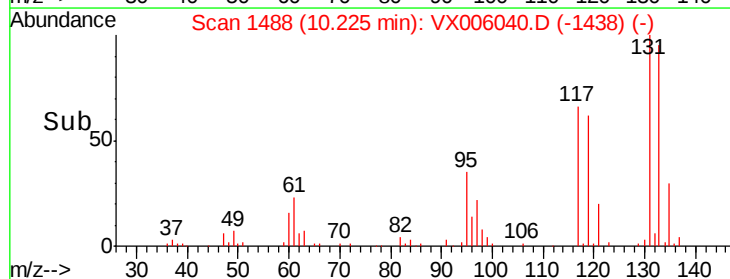
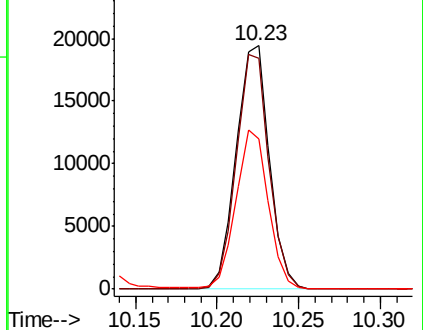
119 63.8 31.8 95.3

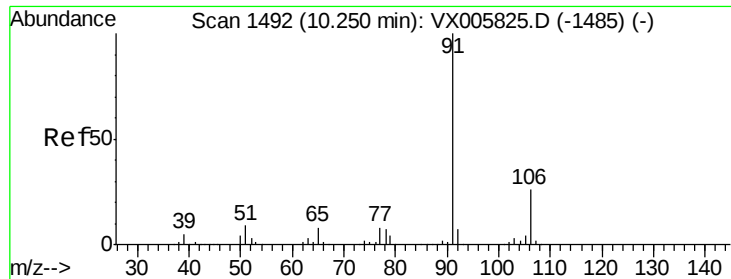


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 22.335 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

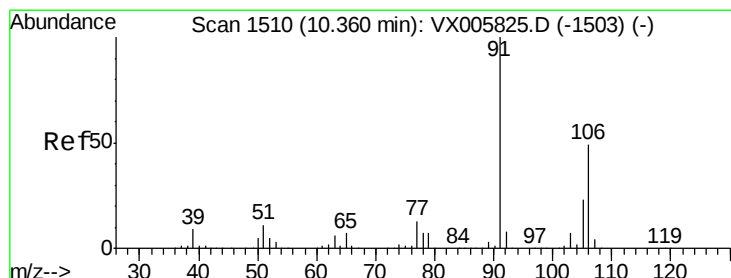
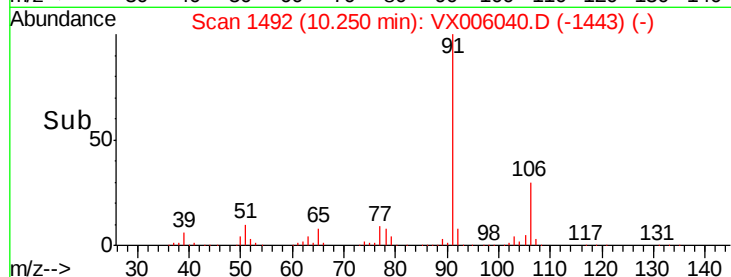
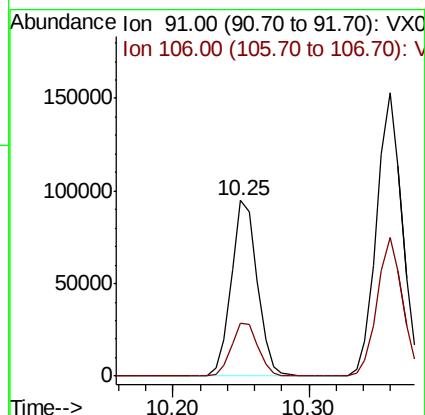
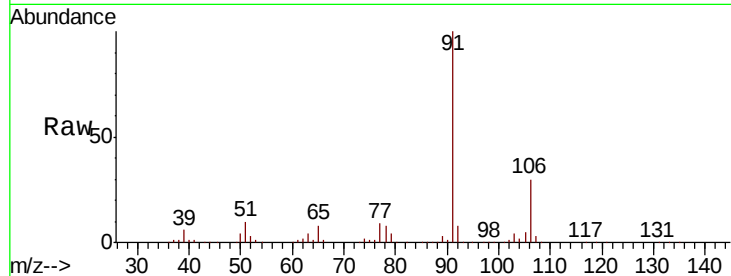
VX1116WBS01

Tot Ion: 91 Resp: 126760

Ion Ratio Lower Upper

91 100

106 30.4 24.4 36.6



#68

m/p-Xylenes

Concen: 45.426 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006040.D

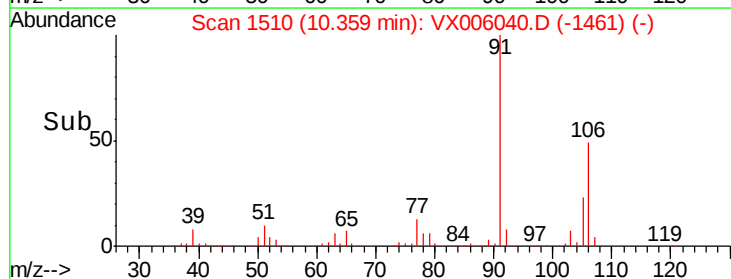
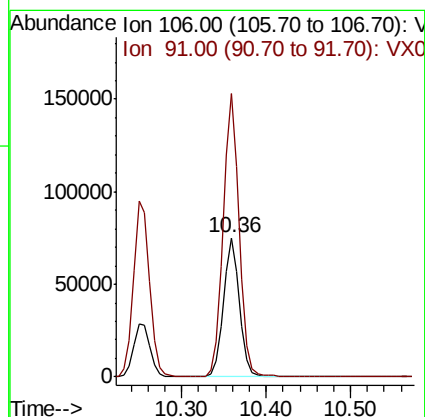
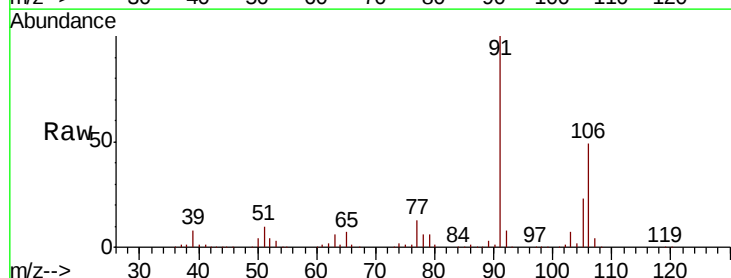
Acq: 16 Nov 2018 10:55

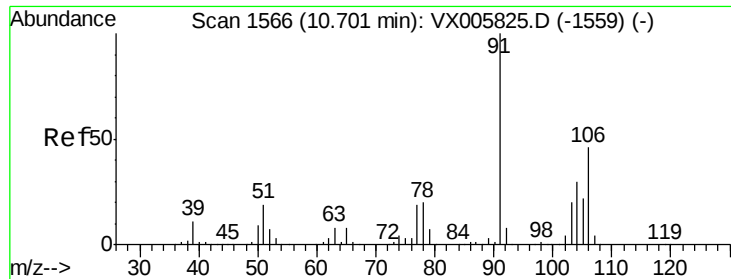
Tgt Ion: 106 Resp: 98341

Ion Ratio Lower Upper

106 100

91 204.5 164.2 246.4

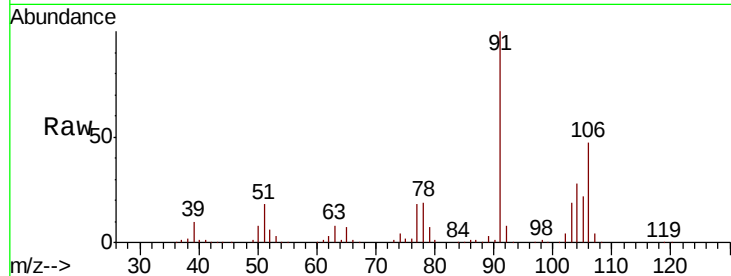




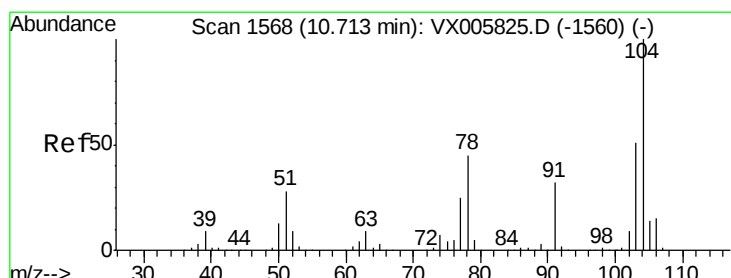
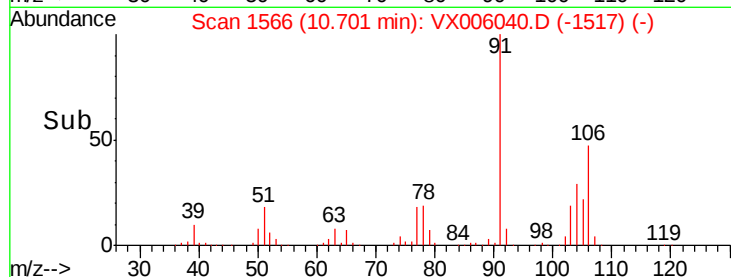
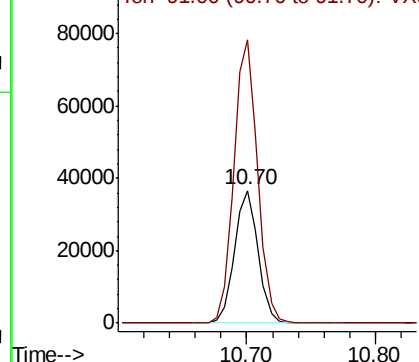
#69
o-Xylene
Concen: 24.148 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampled :
VX1116WBS01

Tot Ion:106 Resp: 46877
Ion Ratio Lower Upper
106 100
91 215.8 108.5 325.5

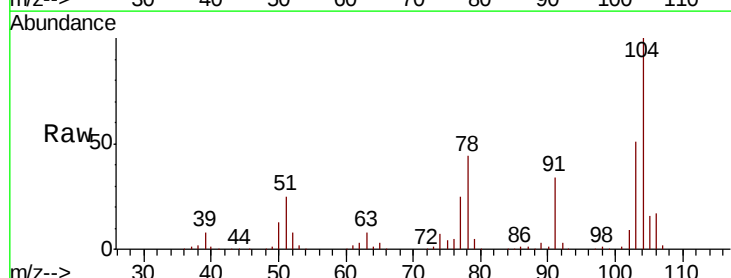


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

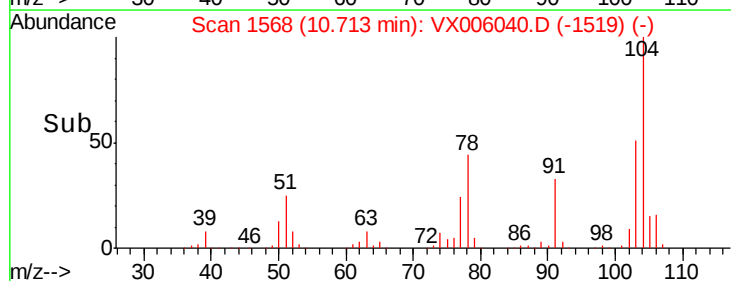
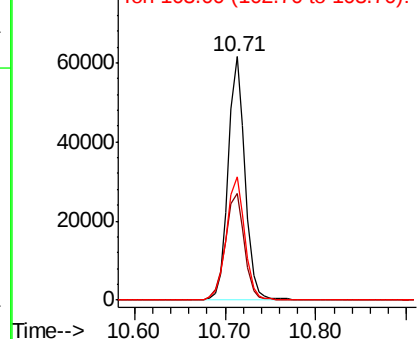


#70
Styrene
Concen: 24.802 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion:104 Resp: 79423
Ion Ratio Lower Upper
104 100
78 50.2 40.2 60.4
103 55.8 44.9 67.3



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





#71

Bromoform

Concen: 22.865 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1116WBS01

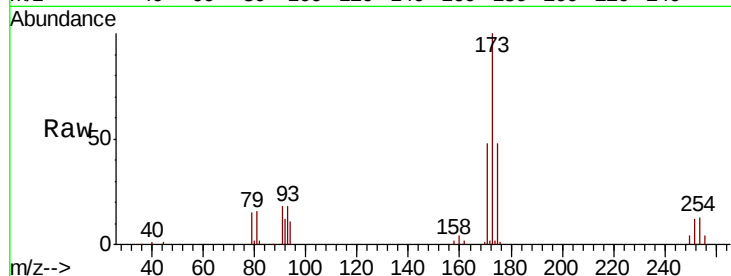
Tot Ion:173 Resp: 23586

Ion Ratio Lower Upper

173 100

175 47.8 24.8 74.3

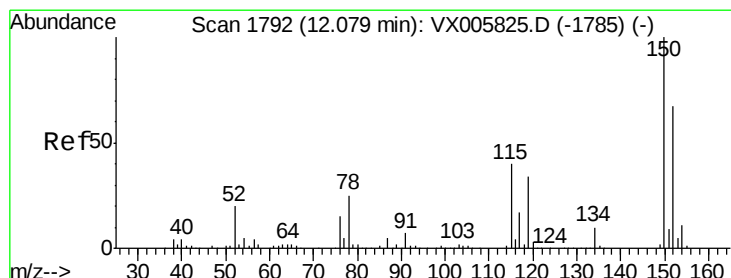
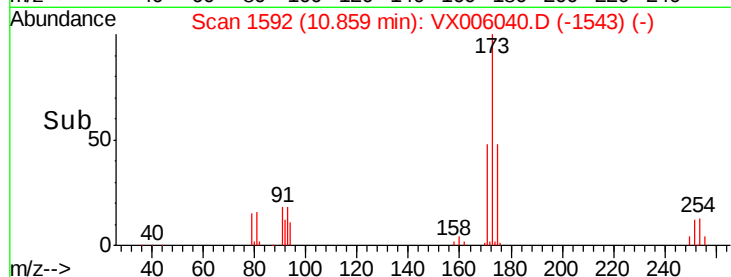
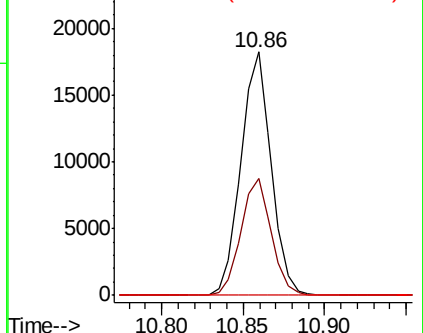
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

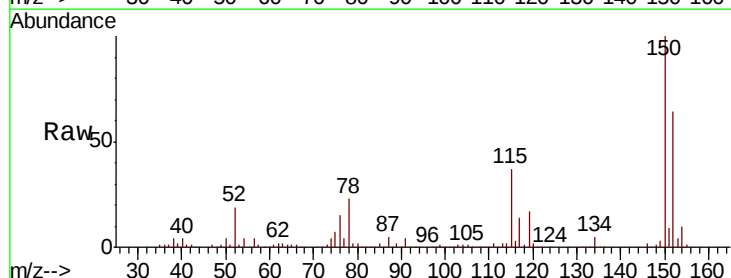
Tgt Ion:152 Resp: 97946

Ion Ratio Lower Upper

152 100

115 65.1 39.4 118.1

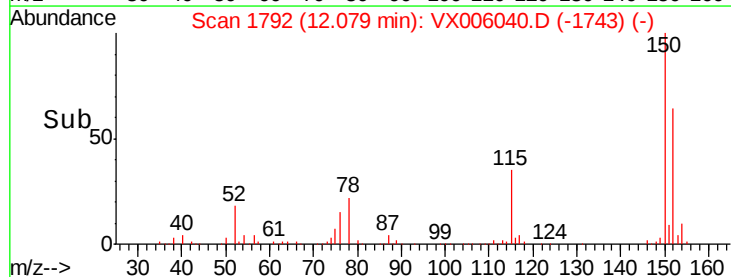
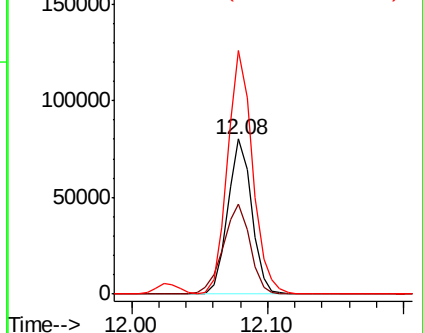
150 164.3 0.0 346.4

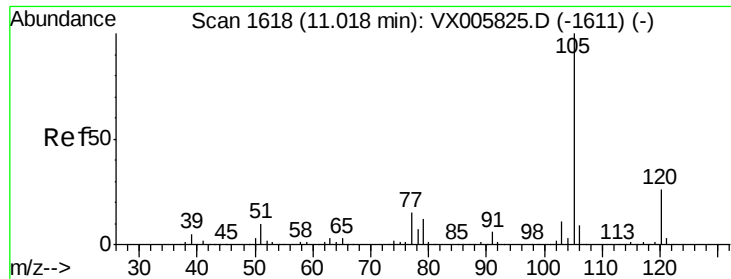


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

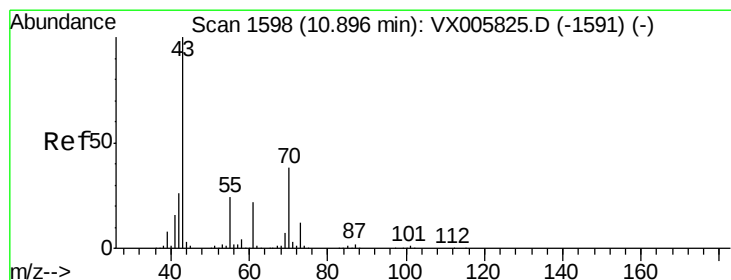
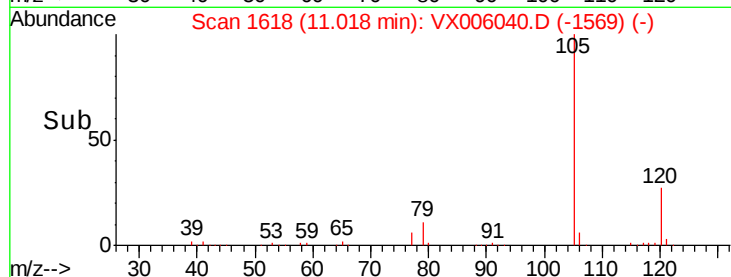
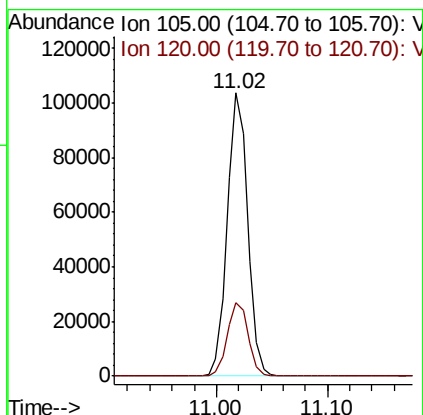
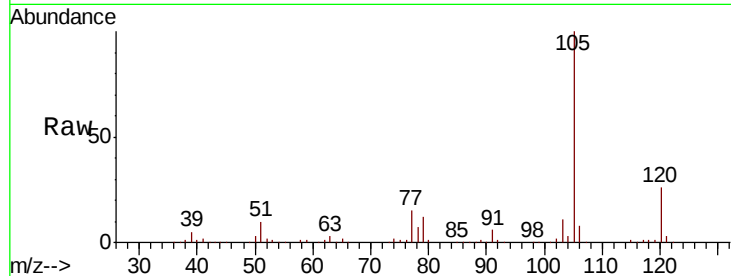




#73
Isopropylbenzene
Concen: 23.204 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

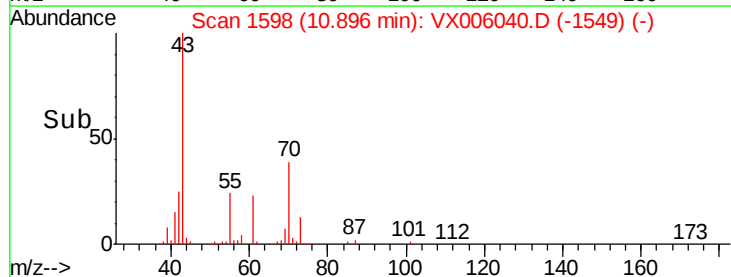
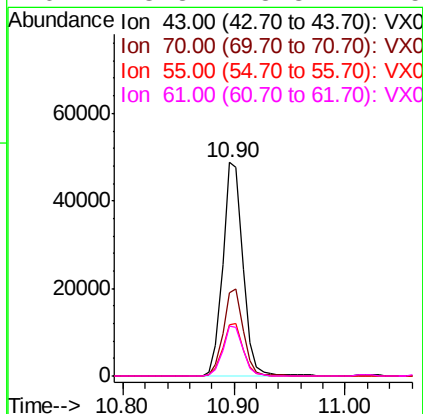
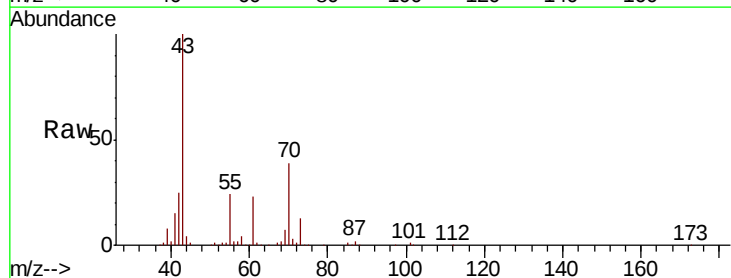
Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion:105 Resp: 131432
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3



#74
N-ethyl acetate
Concen: 20.040 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion: 43 Resp: 61247
Ion Ratio Lower Upper
43 100
70 40.2 31.6 47.4
55 25.0 19.7 29.5
61 23.3 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.523 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1116WBS01

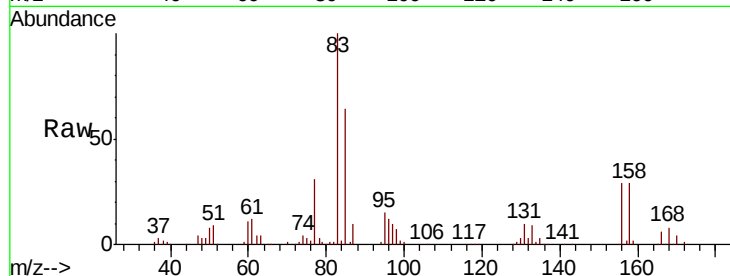
Tot Ion: 83 Resp: 44745

Ion Ratio Lower Upper

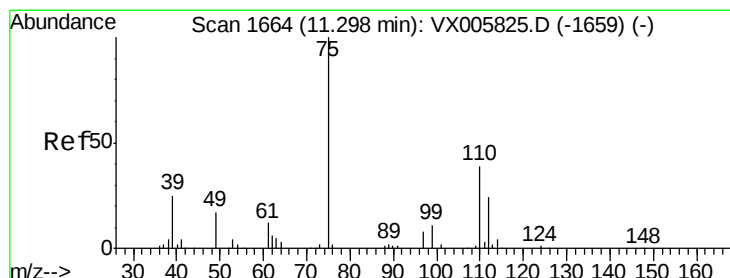
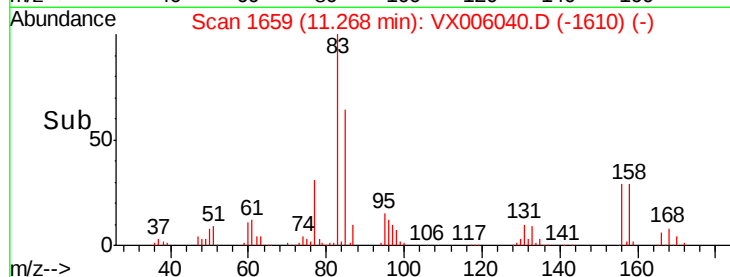
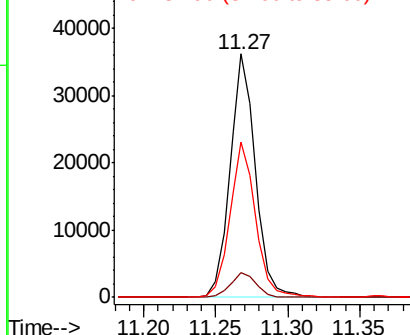
83 100

131 10.4 5.3 15.9

85 64.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.477 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006040.D

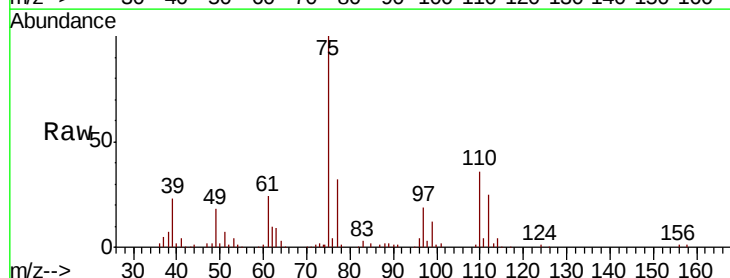
Acq: 16 Nov 2018 10:55

Tgt Ion: 75 Resp: 54800

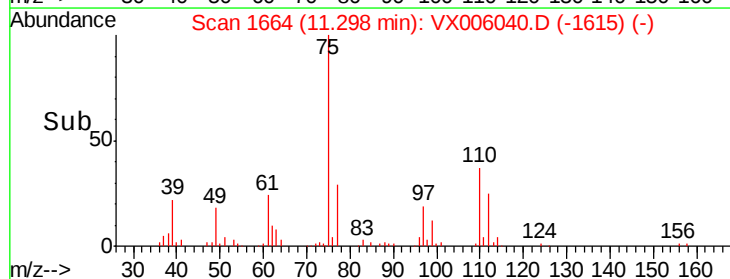
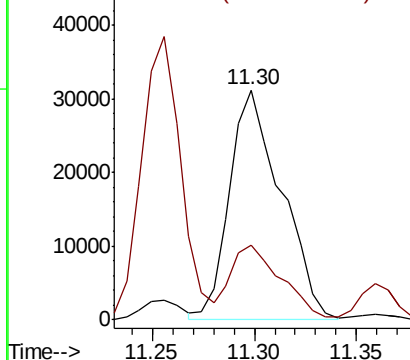
Ion Ratio Lower Upper

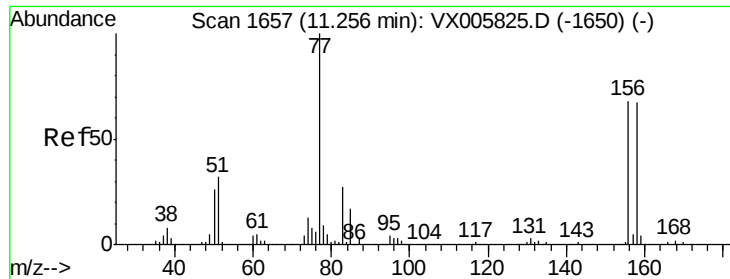
75 100

77 31.7 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.789 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1116WBS01

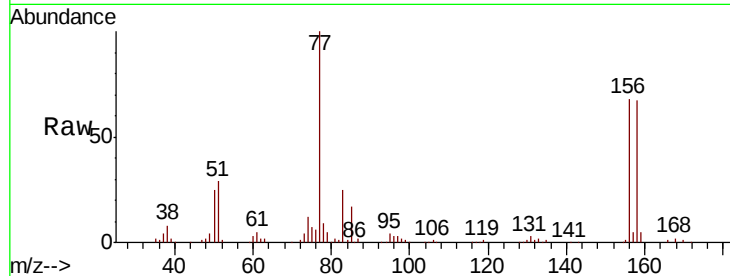
Tot Ion:156 Resp: 34786

Ion Ratio Lower Upper

156 100

77 147.8 74.8 224.4

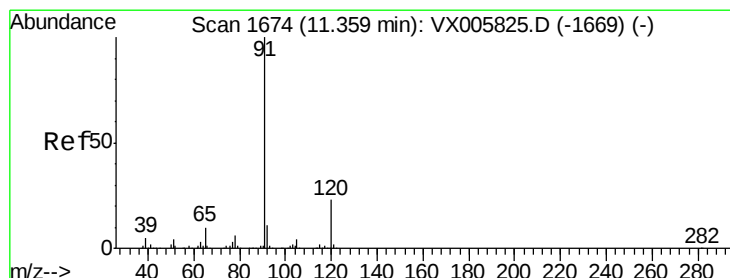
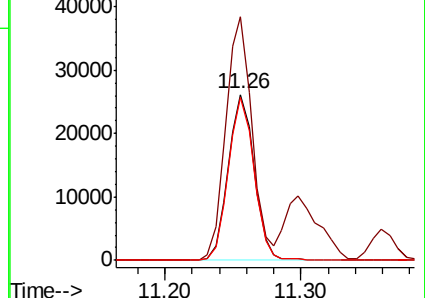
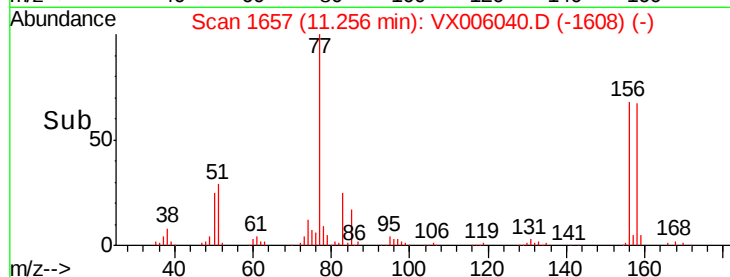
158 97.3 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.433 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006040.D

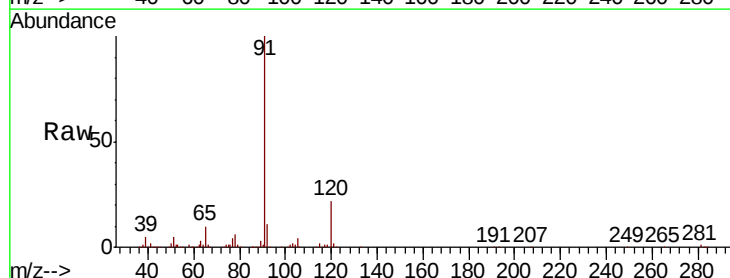
Acq: 16 Nov 2018 10:55

Tgt Ion: 91 Resp: 149745

Ion Ratio Lower Upper

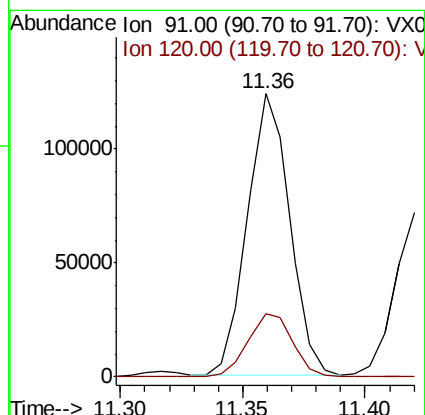
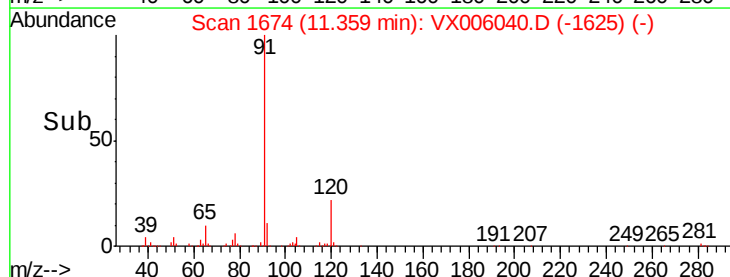
91 100

120 23.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.505 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampled :

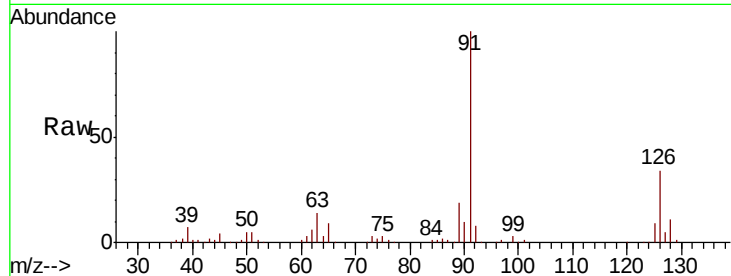
VX1116WBS01

Tot Ion: 91 Resp: 90803

Ion Ratio Lower Upper

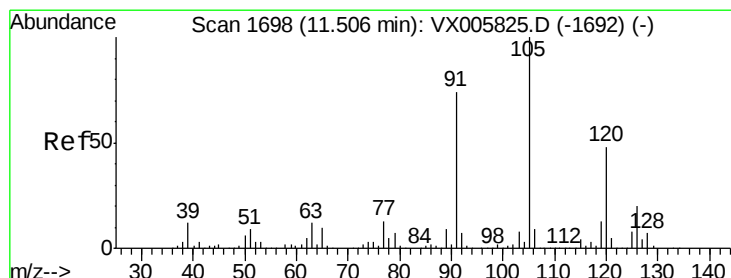
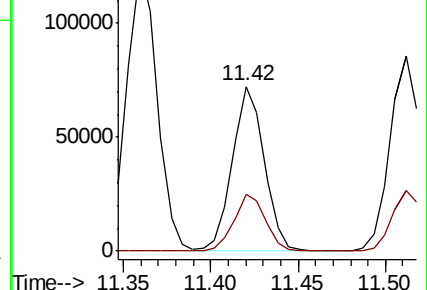
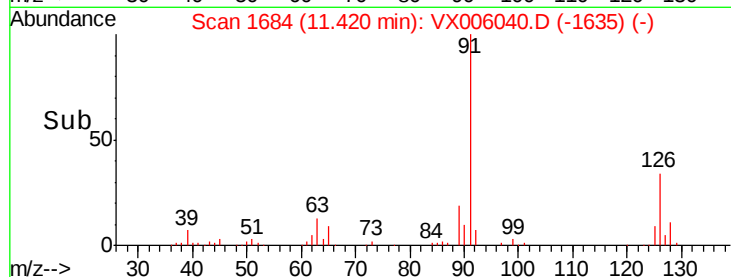
91 100

126 34.7 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.900 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006040.D

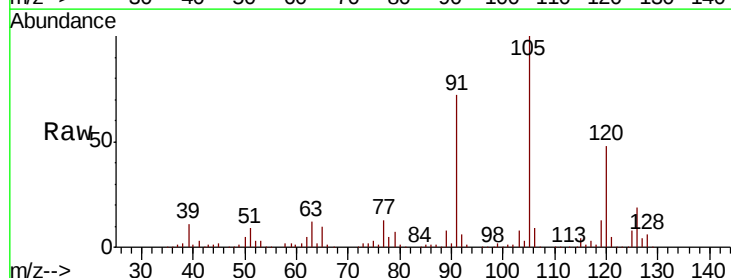
Acq: 16 Nov 2018 10:55

Tgt Ion:105 Resp: 110223

Ion Ratio Lower Upper

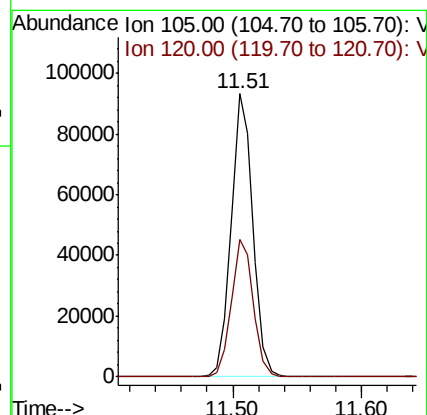
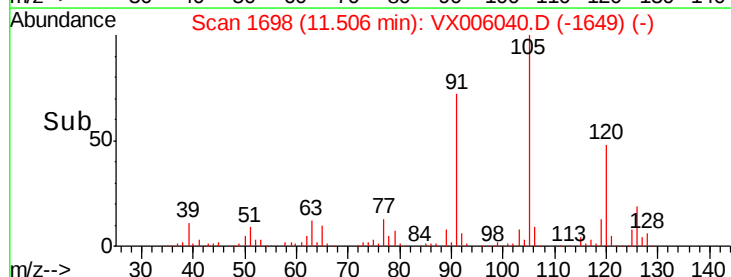
105 100

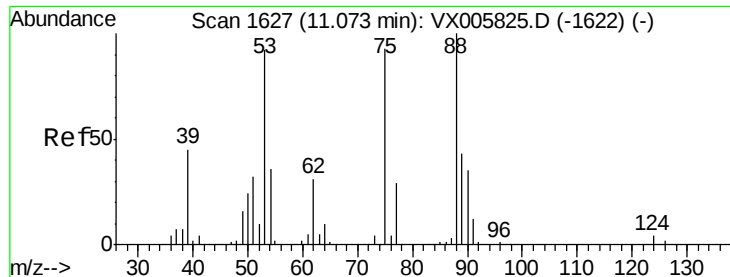
120 48.9 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 22.303 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1116WBS01

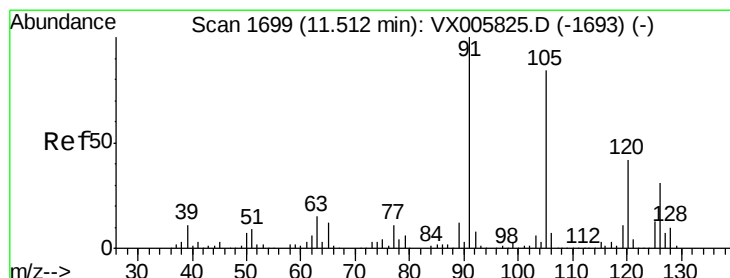
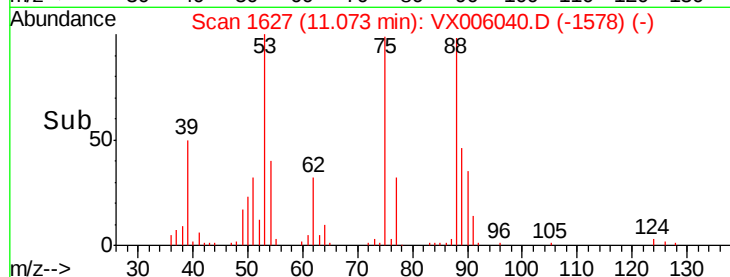
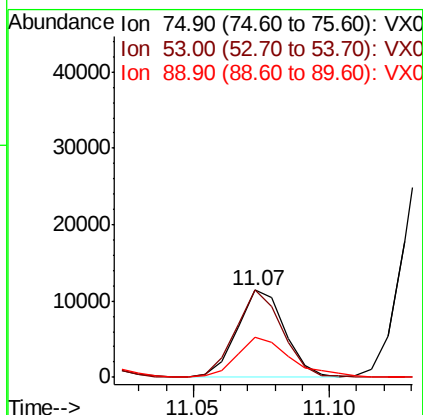
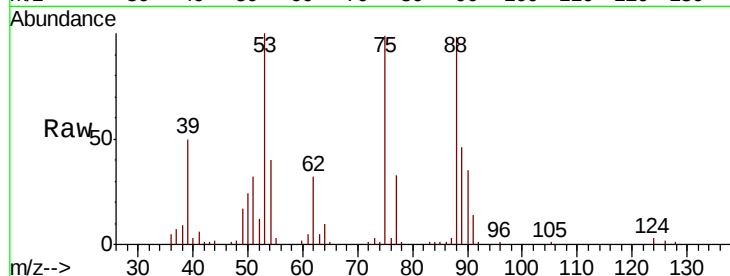
Tot Ion: 75 Resp: 13956

Ion Ratio Lower Upper

75 100

53 98.9 80.2 120.2

89 51.5 39.8 59.8



#82

4-Chlorotoluene

Concen: 22.383 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006040.D

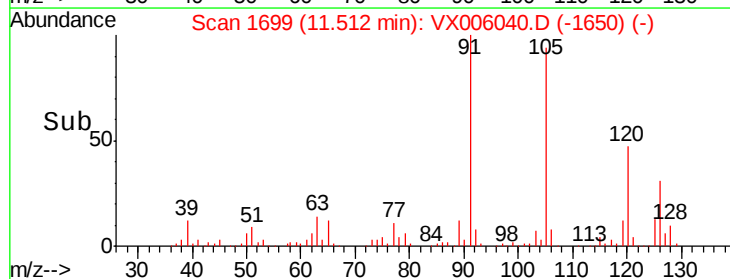
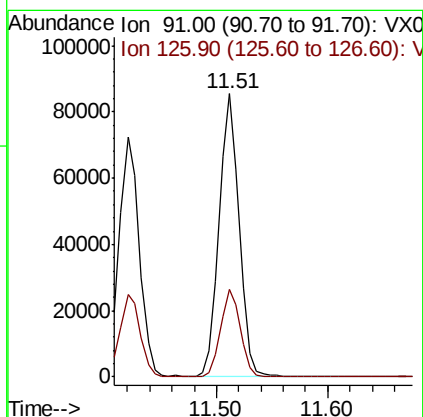
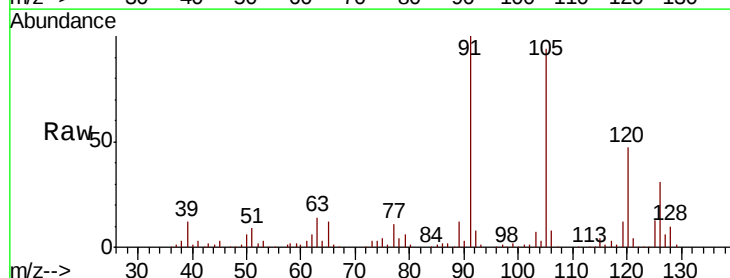
Acq: 16 Nov 2018 10:55

Tgt Ion: 91 Resp: 106436

Ion Ratio Lower Upper

91 100

126 30.6 15.2 45.6

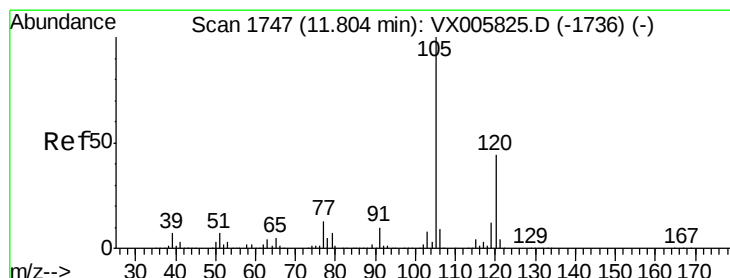
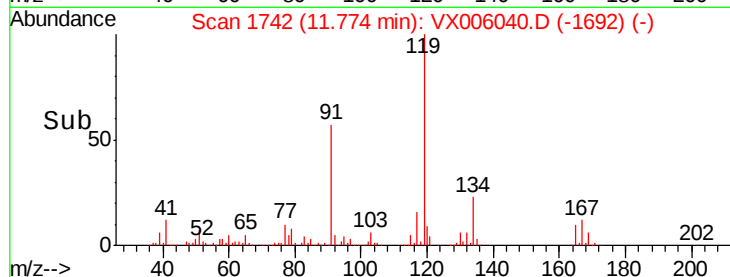
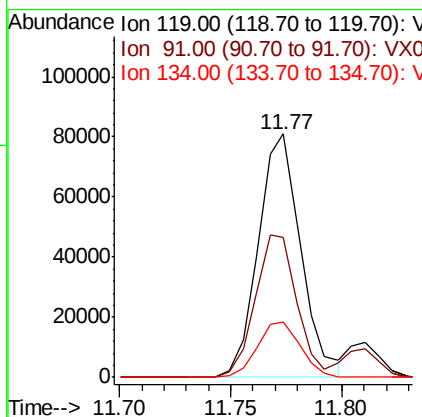
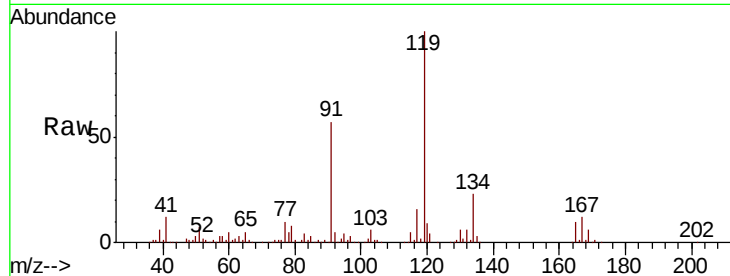




#83
tert-Butylbenzene
Concen: 22.082 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

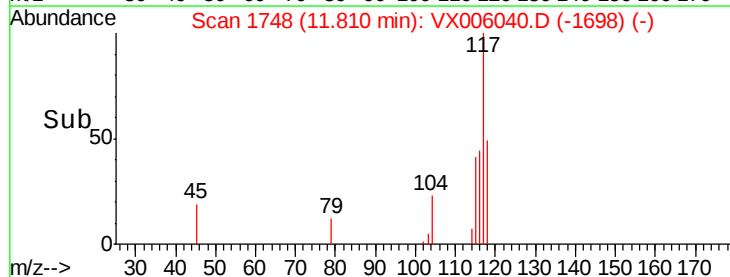
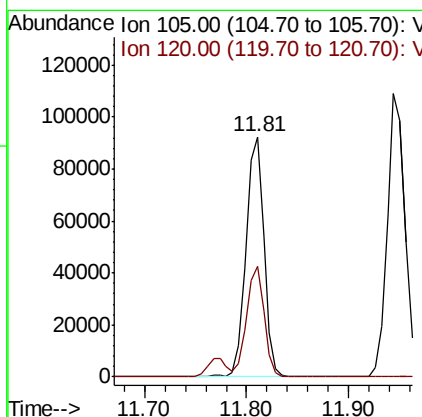
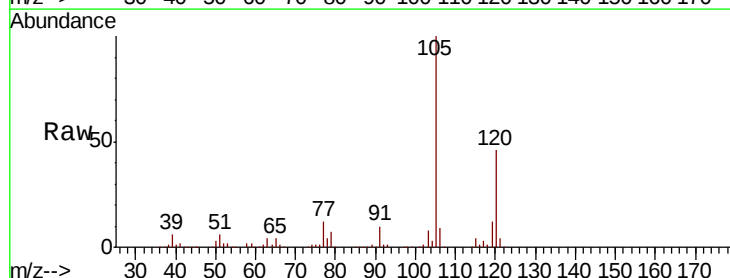
Instrument :
MSVOA_X
ClientSampled :
VX1116WBS01

Tot Ion:119 Resp: 107529
Ion Ratio Lower Upper
119 100
91 57.2 28.5 85.5
134 22.9 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 21.272 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion:105 Resp: 113359
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.0

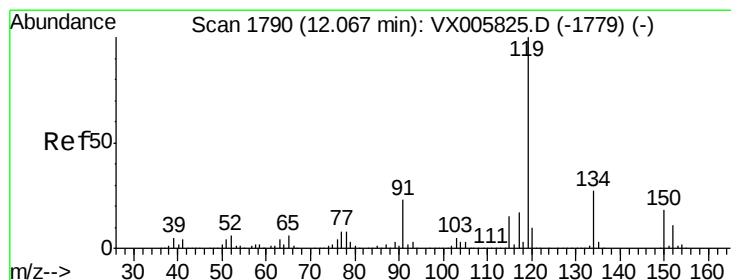
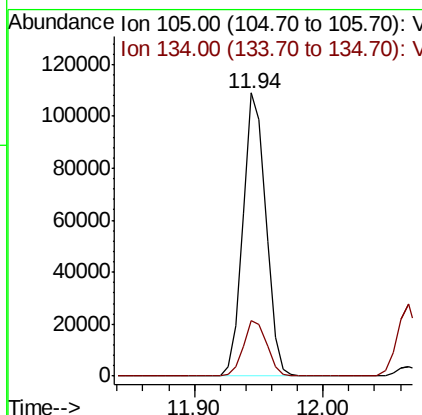
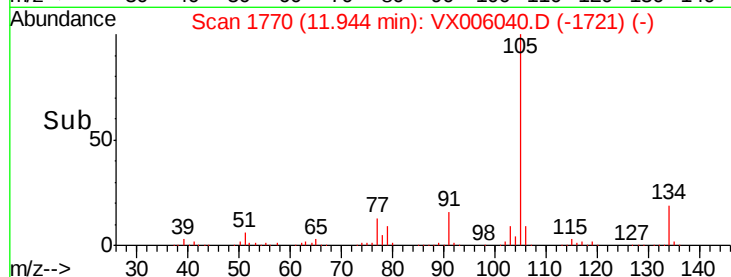
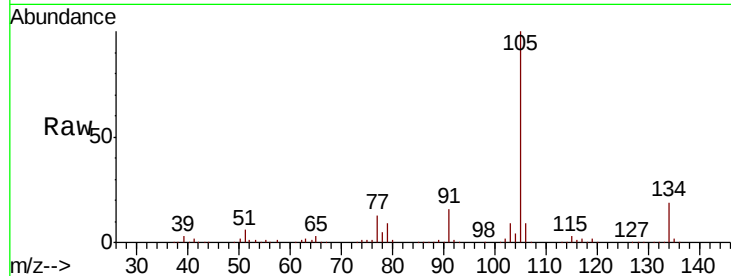




#85
 sec-Butylbenzene
 Concen: 22.364 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

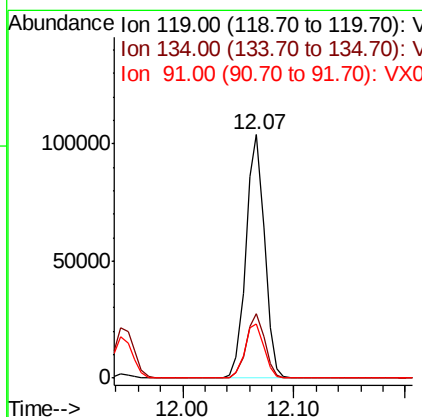
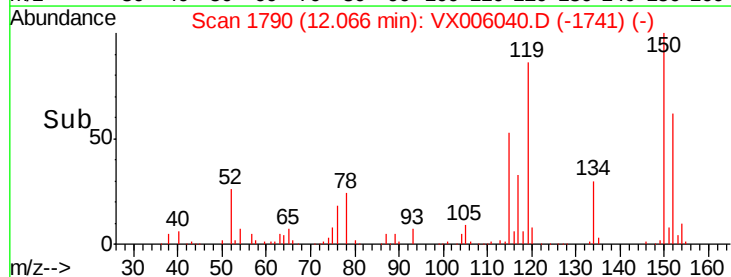
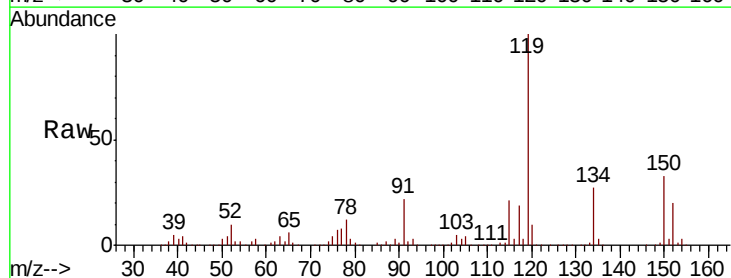
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Tot Ion:105 Resp: 133168
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 22.747 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Tgt Ion:119 Resp: 119981
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 23.2 11.4 34.2

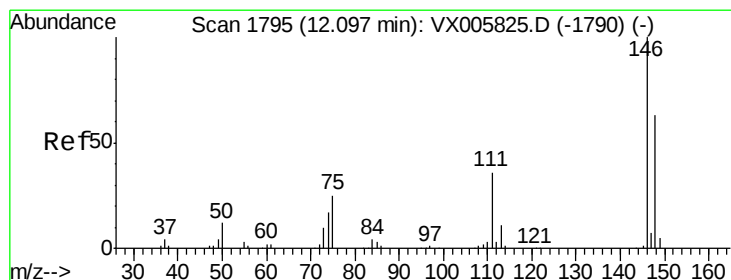
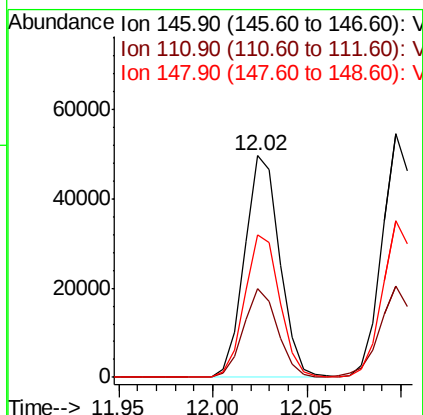
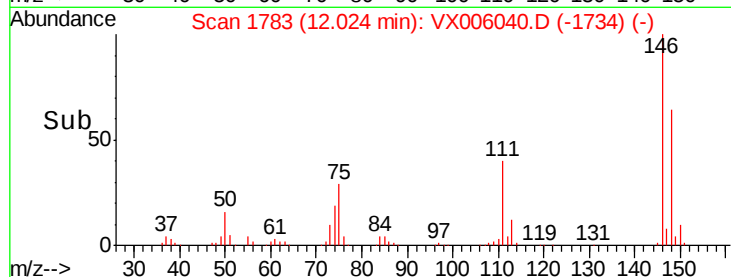
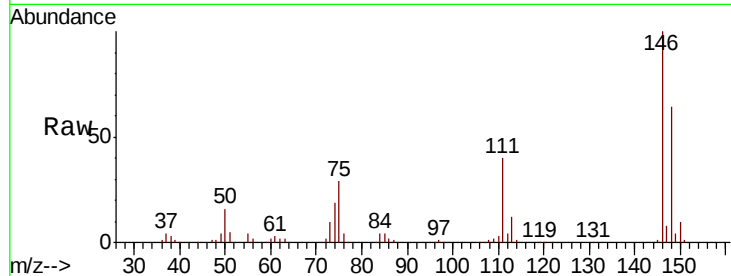




#87
 1,3-Dichlorobenzene
 Concen: 20.935 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

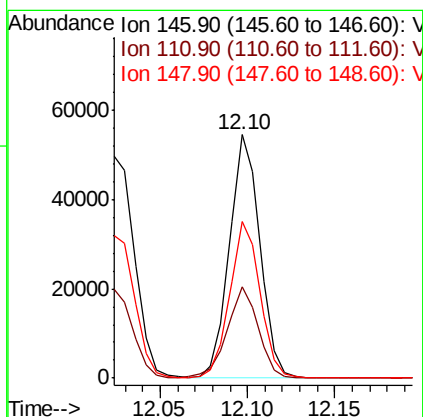
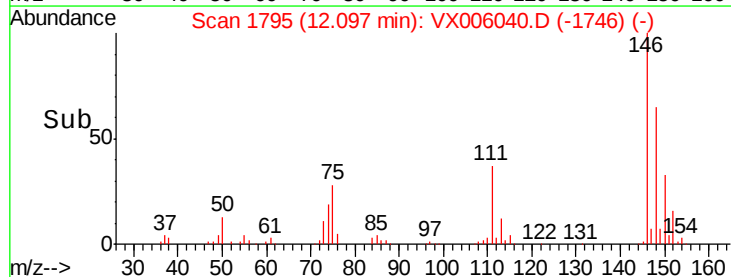
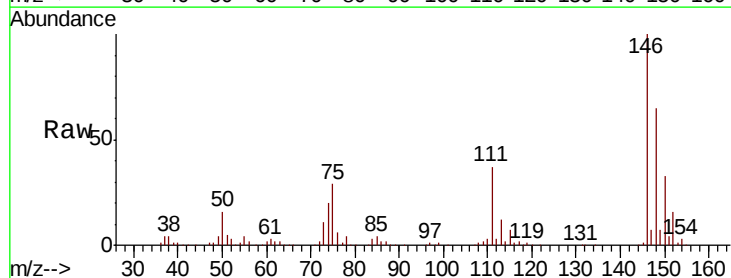
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

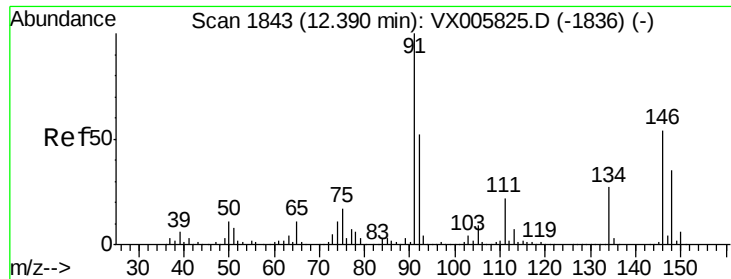
Tot Ion:146 Resp: 64143
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.0 57.0
 148 64.4 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 21.058 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Tgt Ion:146 Resp: 66050
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.6 55.8
 148 64.4 32.1 96.3

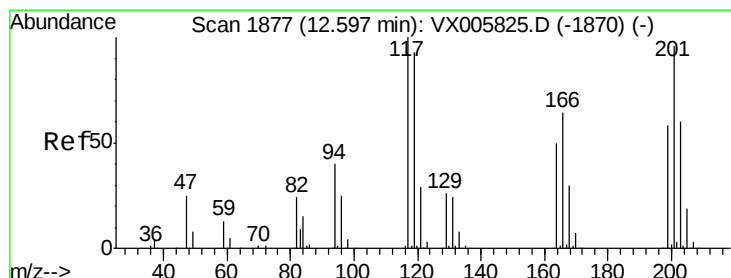
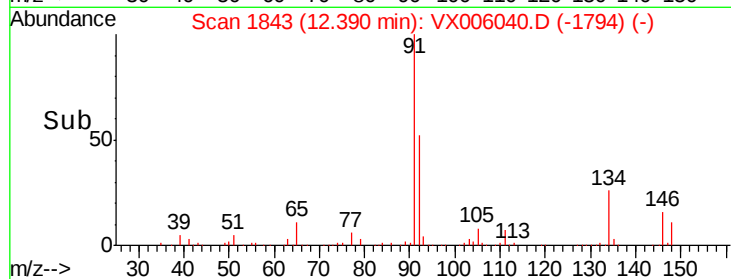
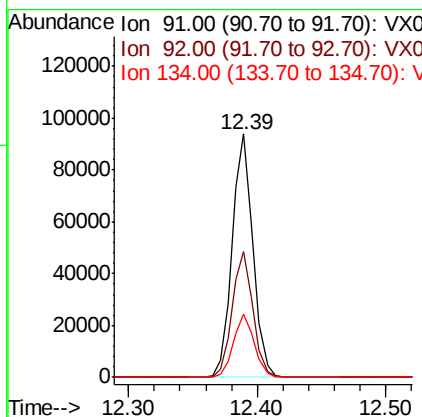
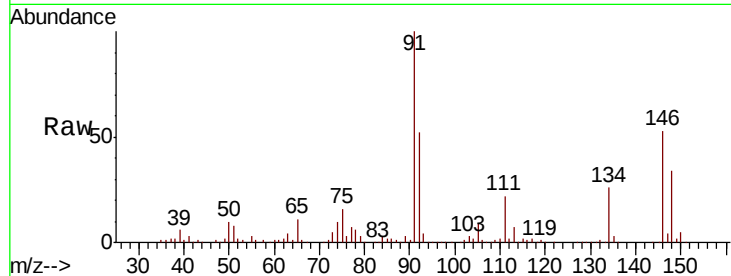




#89
n-Butylbenzene
Concen: 21.705 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

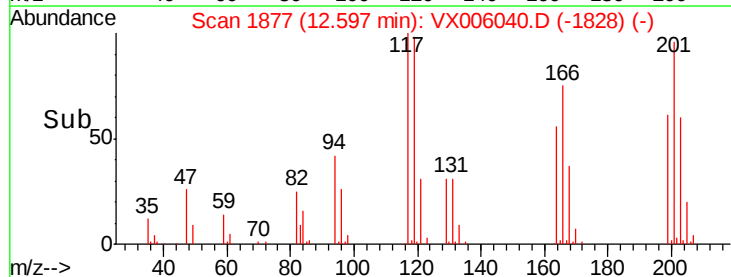
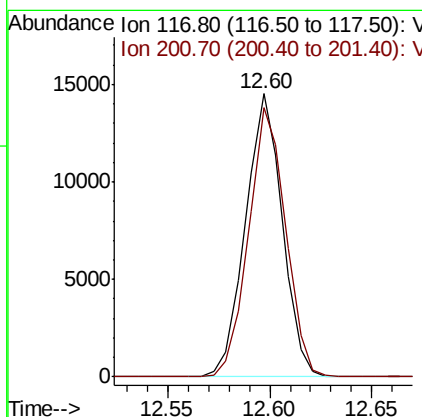
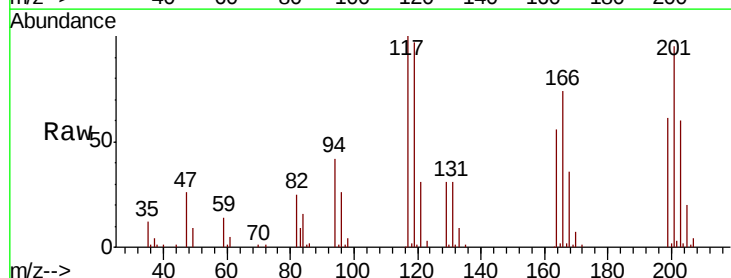
Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

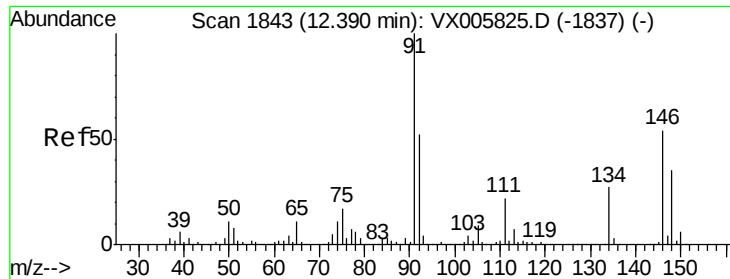
Tot Ion: 91 Resp: 106103
Ion Ratio Lower Upper
91 100
92 51.6 26.1 78.2
134 26.0 13.1 39.3



#90
Hexachloroethane
Concen: 20.672 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion: 117 Resp: 18204
Ion Ratio Lower Upper
117 100
201 95.7 47.9 143.6

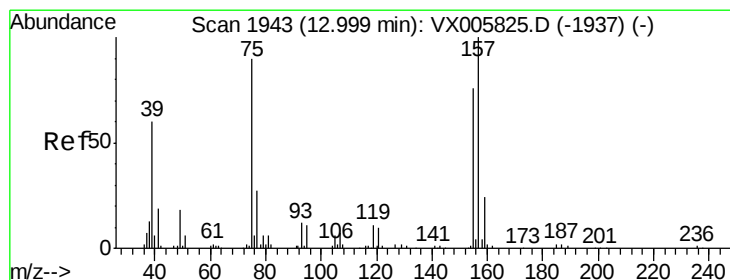
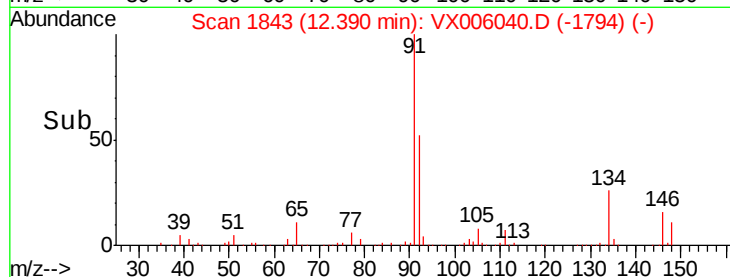
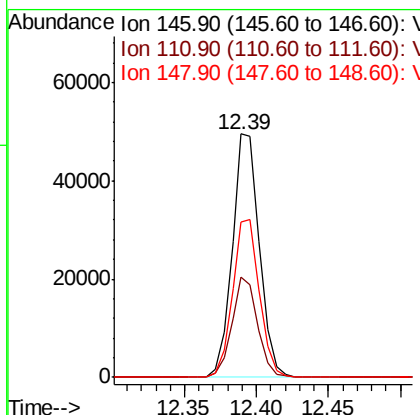
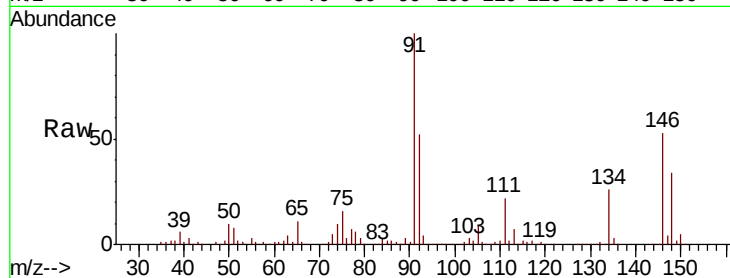




#91
 1,2-Dichlorobenzene
 Concen: 21.128 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

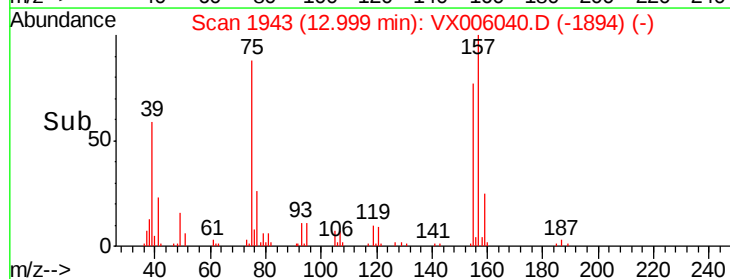
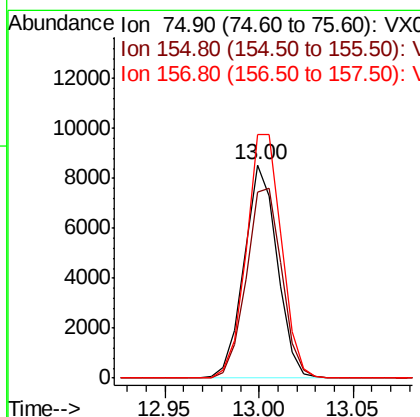
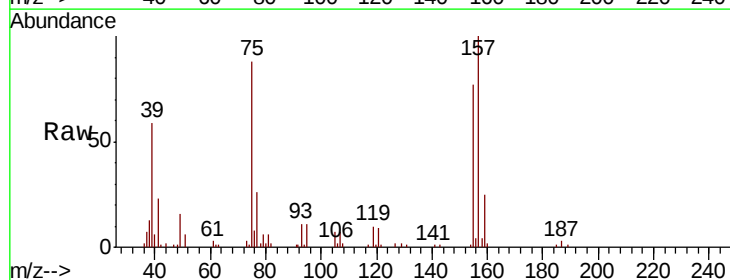
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

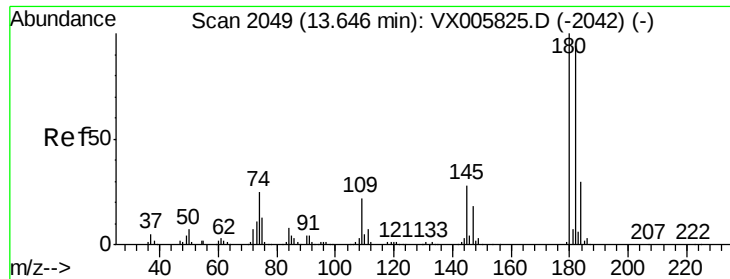
Tot Ion:146 Resp: 64848
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.0 59.9
 148 64.7 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.517 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Tgt Ion: 75 Resp: 10409
 Ion Ratio Lower Upper
 75 100
 155 95.0 45.4 136.1
 157 121.5 57.4 172.0

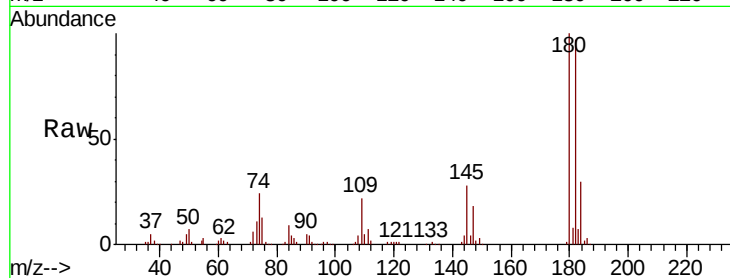




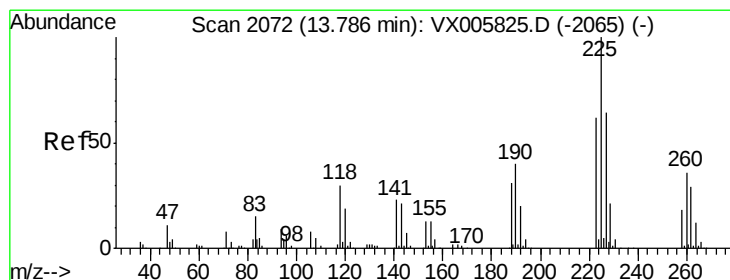
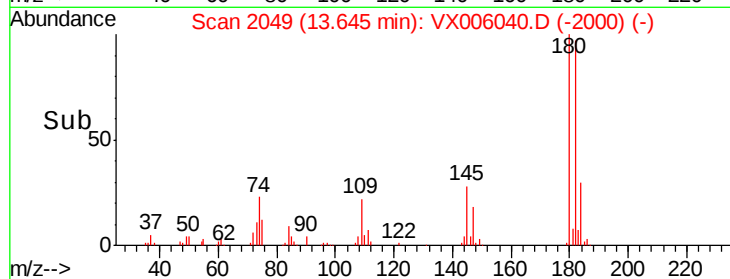
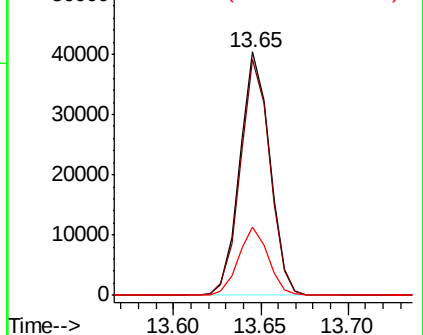
#93
 1,2,4-Trichlorobenzene
 Concen: 22.302 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Tot Ion:180 Resp: 48189
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.6 142.8
 145 27.7 14.1 42.2

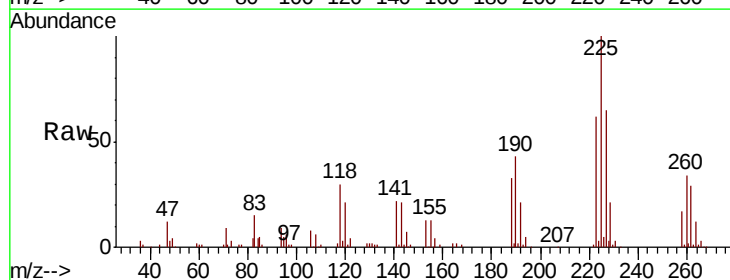


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

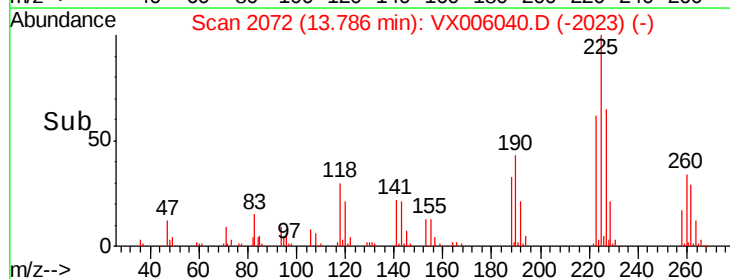
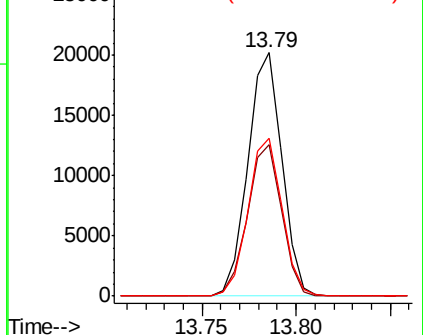


#94
 Hexachlorobutadiene
 Concen: 22.269 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Tgt Ion:225 Resp: 25276
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.7 95.1
 227 64.6 32.3 96.9



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





#95

Naphthalene

Concen: 21.142 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1116WBS01

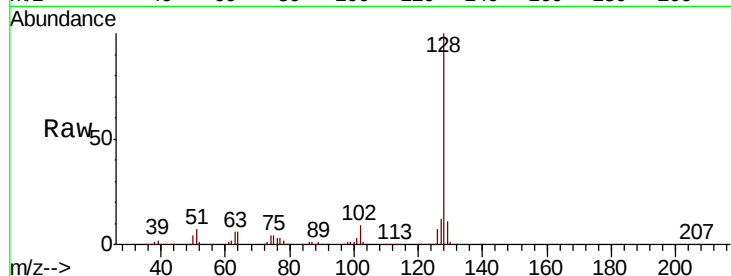
Tot Ion:128 Resp: 144072

Ion Ratio Lower Upper

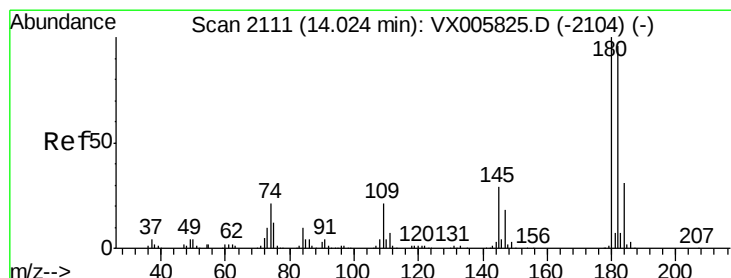
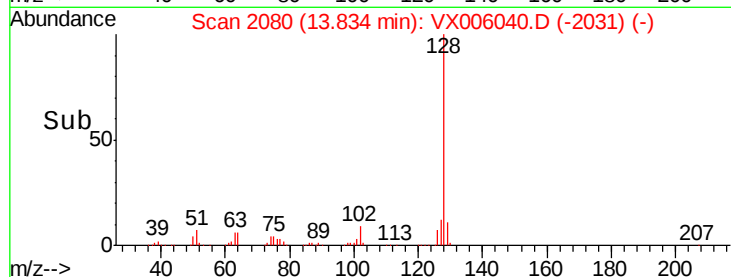
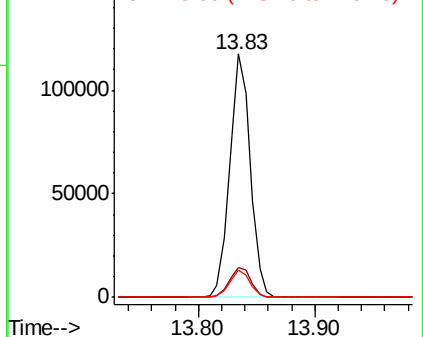
128 100

127 12.9 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: 22.259 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

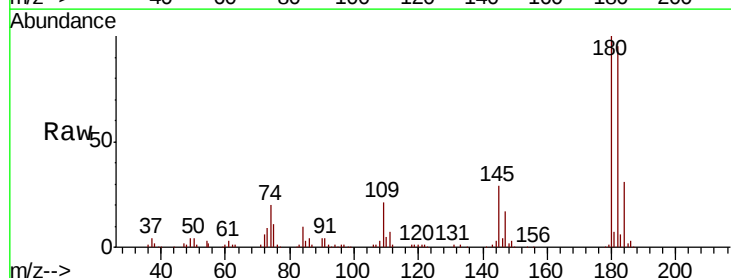
Tgt Ion:180 Resp: 48998

Ion Ratio Lower Upper

180 100

182 95.5 48.0 144.2

145 29.8 15.1 45.3



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

