

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
 Data File : VX010033.D
 Acq On : 03 Jun 2019 14:04
 Operator : JC/SP
 Sample : VX0603WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 03:39:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	164444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	258218	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	236557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115243	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	106847	46.00	ug/l	0.00
Spiked Amount			Recovery	=	92.00%	
35) Dibromofluoromethane	5.50	113	78863	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
50) Toluene-d8	8.71	98	320810	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.13	95	115225	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	40566	20.187	ug/l	98
3) Chloromethane	1.32	50	46678	17.279	ug/l	97
4) Vinyl Chloride	1.41	62	42200	17.328	ug/l	100
5) Bromomethane	1.64	94	23162	15.698	ug/l	96
6) Chloroethane	1.72	64	25504	17.013	ug/l	100
7) Trichlorofluoromethane	1.93	101	48876	18.162	ug/l	99
8) Diethyl Ether	2.19	74	21649	17.119	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	30444	18.738	ug/l	98
10) Methyl Iodide	2.51	142	28889	17.679	ug/l	99
11) Tert butyl alcohol	3.04	59	61386	107.381	ug/l	99
12) 1,1-Dichloroethene	2.37	96	31031	18.633	ug/l	99
13) Acrolein	2.29	56	36505	103.582	ug/l	99
14) Allyl chloride	2.73	41	72749	17.973	ug/l	99
15) Acrylonitrile	3.14	53	125628	91.205	ug/l	99
16) Acetone	2.45	43	123224	91.813	ug/l	98
17) Carbon Disulfide	2.57	76	86689	17.443	ug/l	100
18) Methyl Acetate	2.78	43	59013	18.897	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	116414	18.515	ug/l	99
20) Methylene Chloride	2.85	84	37161	18.081	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	32434	17.503	ug/l	97
22) Diisopropyl ether	3.85	45	144114	18.712	ug/l	96
23) Vinyl Acetate	3.82	43	623944	90.183	ug/l	98
24) 1,1-Dichloroethane	3.70	63	68242	18.284	ug/l	99
25) 2-Butanone	4.67	43	192298	91.964	ug/l	100
26) 2,2-Dichloropropane	4.59	77	49104	17.392	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	38900	18.186	ug/l	96
28) Bromochloromethane	5.02	49	34050	17.581	ug/l	97
29) Tetrahydrofuran	5.13	42	123264	91.927	ug/l	97
30) Chloroform	5.21	83	63065	18.736	ug/l	98
31) Cyclohexane	5.58	56	66303	18.756	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	52536	19.165	ug/l	100
36) 1,1-Dichloropropene	5.80	75	47824	18.254	ug/l	100
37) Ethyl Acetate	4.84	43	68884	18.870	ug/l	99
38) Carbon Tetrachloride	5.79	117	43026	19.005	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58068	18.685	ug/l	97
40) Benzene	6.14	78	148107	19.057	ug/l	100
41) Methacrylonitrile	5.04	41	39348	18.446	ug/l	98
42) 1,2-Dichloroethane	6.20	62	54283	18.893	ug/l	99
43) Isopropyl Acetate	6.45	43	108293	18.385	ug/l	99
44) Trichloroethene	7.21	130	35112	18.599	ug/l	94
45) 1,2-Dichloropropane	7.51	63	41872	18.716	ug/l	99
46) Dibromomethane	7.66	93	24466	18.578	ug/l	99
47) Bromodichloromethane	7.90	83	47987	19.162	ug/l	97
48) Methyl methacrylate	7.77	41	54713	18.764	ug/l	98
49) 1,4-Dioxane	7.74	88	21624	398.683	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	367697	95.962	ug/l	100
52) Toluene	8.79	92	90826	19.248	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	53841	17.927	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	61116	18.677	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	36538	19.238	ug/l	97
56) Ethyl methacrylate	9.18	69	65746	19.444	ug/l	99
57) 1,3-Dichloropropane	9.37	76	64079	18.787	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	160024	90.254	ug/l	98
59) 2-Hexanone	9.49	43	288198	97.693	ug/l	99
60) Dibromochloromethane	9.58	129	35332	18.911	ug/l	98
61) 1,2-Dibromoethane	9.67	107	37309	19.121	ug/l	99
64) Tetrachloroethene	9.34	164	33050	20.002	ug/l	98
65) Chlorobenzene	10.14	112	94458	19.073	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	33165	19.308	ug/l	98
67) Ethyl Benzene	10.25	91	171027	19.234	ug/l	99
68) m/p-Xylenes	10.36	106	126078	38.380	ug/l	99
69) o-Xylene	10.70	106	61491	19.518	ug/l	98
70) Styrene	10.71	104	108266	19.598	ug/l	99
71) Bromoform	10.85	173	27300	19.444	ug/l #	97
73) Isopropylbenzene	11.02	105	165402	19.452	ug/l	100
74) N-amyl acetate	10.90	43	96078	18.910	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	61013	19.234	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	70470	25.571	ug/l	82
77) Bromobenzene	11.26	156	41811	19.295	ug/l	95
78) n-propylbenzene	11.36	91	188105	19.193	ug/l	100
79) 2-Chlorotoluene	11.42	91	114516	19.124	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	139313	19.448	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19905	17.871	ug/l	95
82) 4-Chlorotoluene	11.51	91	129181	18.532	ug/l	98
83) tert-Butylbenzene	11.77	119	133266	19.446	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	140373	19.296	ug/l	99
85) sec-Butylbenzene	11.94	105	159518	19.565	ug/l	100
86) p-Isopropyltoluene	12.06	119	144686	19.730	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	73164	18.965	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	72016	18.304	ug/l	98
89) n-Butylbenzene	12.38	91	128461	18.639	ug/l	100
90) Hexachloroethane	12.60	117	24156	19.194	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	73824	19.409	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14048	18.814	ug/l	95

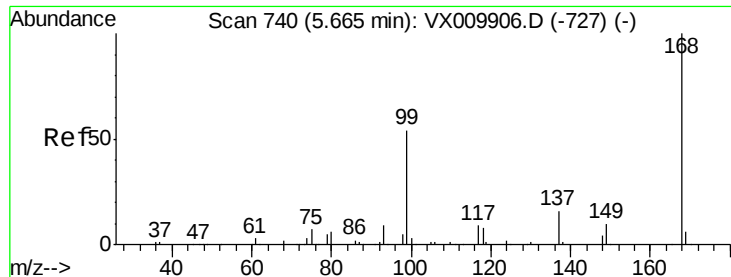
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51113	18.805	ug/l	99
94) Hexachlorobutadiene	13.78	225	26105	19.148	ug/l	99
95) Naphthalene	13.83	128	163618	19.344	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	52263	19.209	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

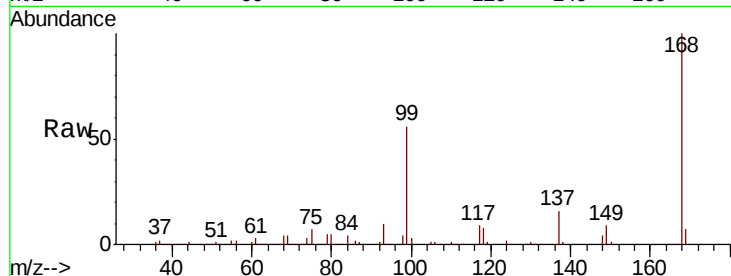
ClientSampleId :

Tot Ion:168 Resp: 164444

Ion Ratio Lower Upper

168 100

99 56.3 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

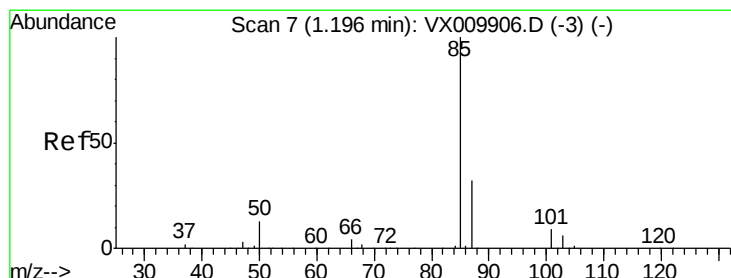
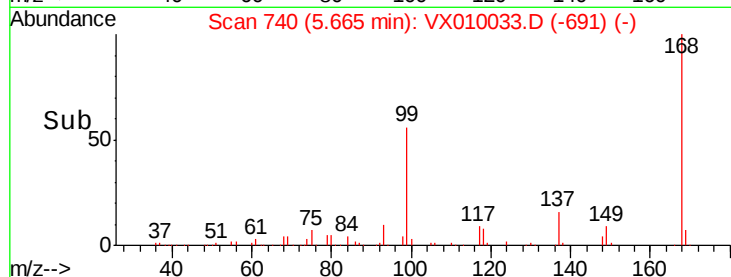
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.187 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010033.D

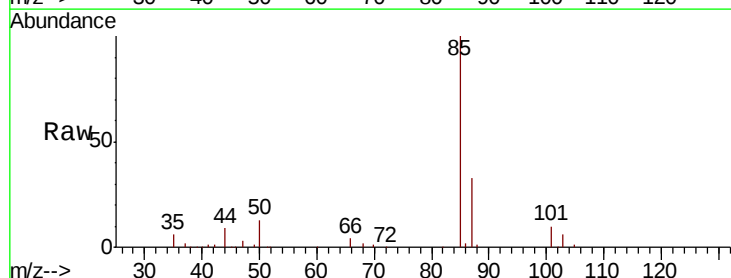
Acq: 03 Jun 2019 14:04

Tgt Ion: 85 Resp: 40566

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

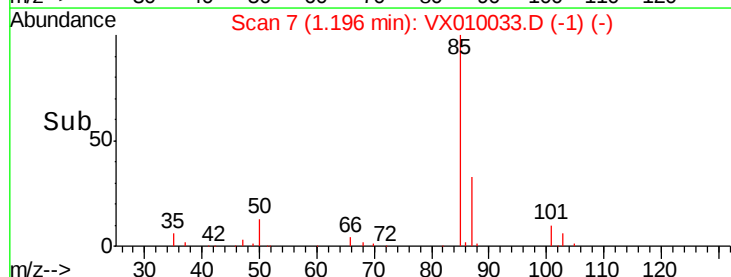
30000

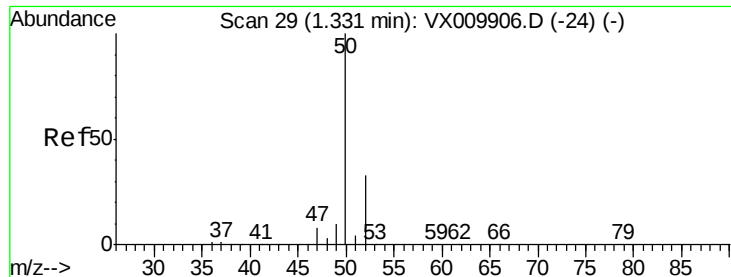
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.279 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

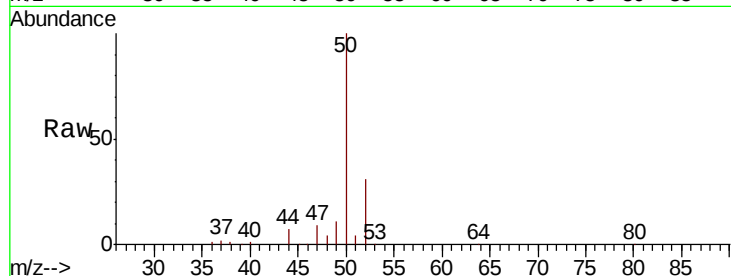
ClientSampleId :

Tot Ion: 50 Resp: 46678

Ion Ratio Lower Upper

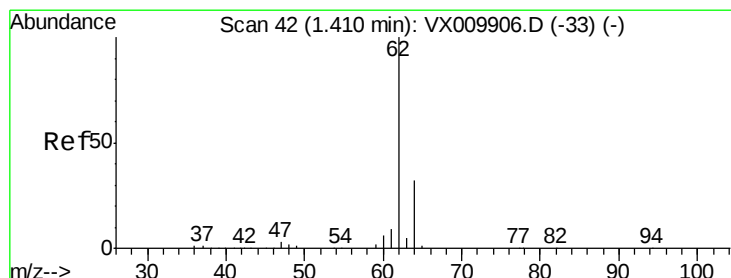
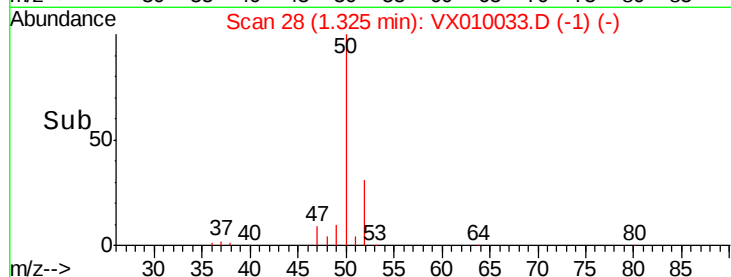
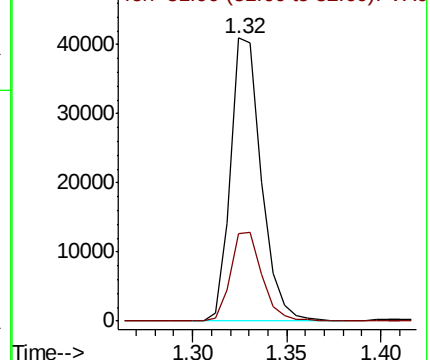
50 100

52 31.0 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.328 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010033.D

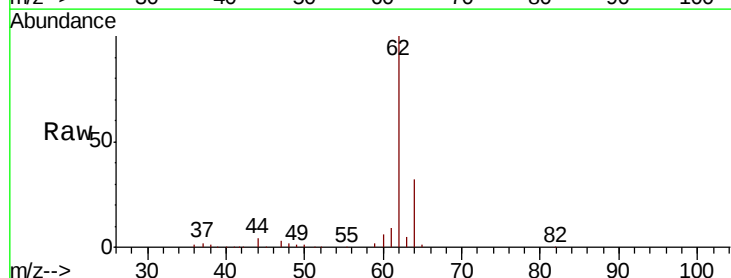
Acq: 03 Jun 2019 14:04

Tgt Ion: 62 Resp: 42200

Ion Ratio Lower Upper

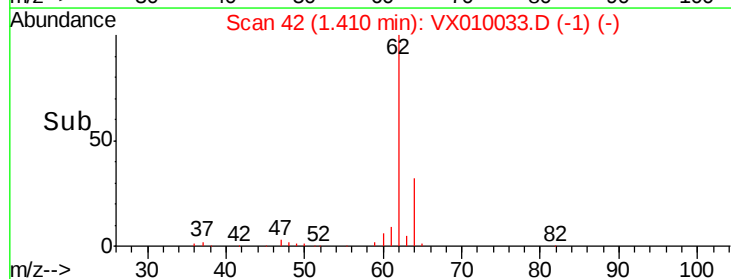
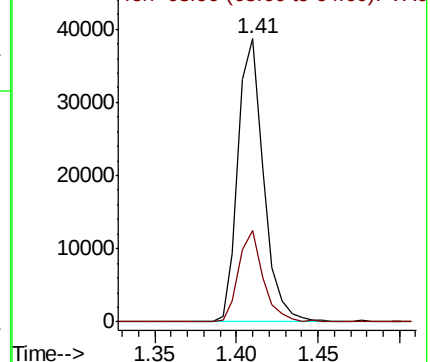
62 100

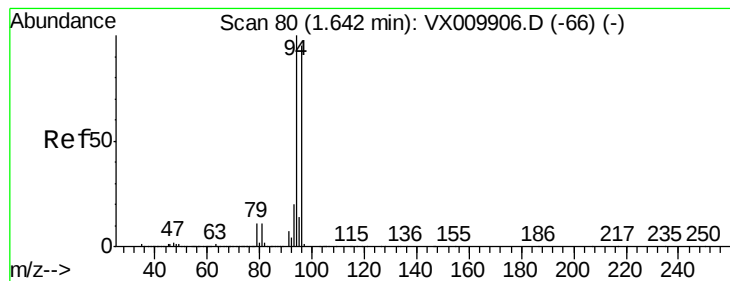
64 32.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.698 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

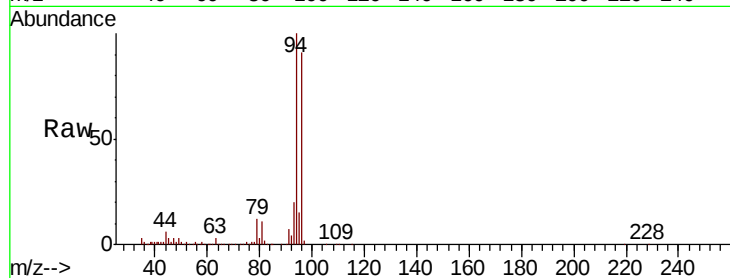
ClientSampled :

Tot Ion: 94 Resp: 23162

Ion Ratio Lower Upper

94 100

96 91.0 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

10000

5000

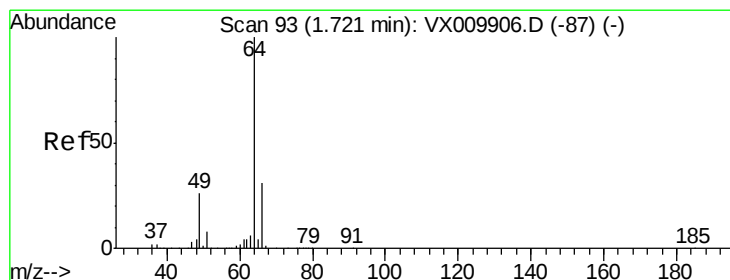
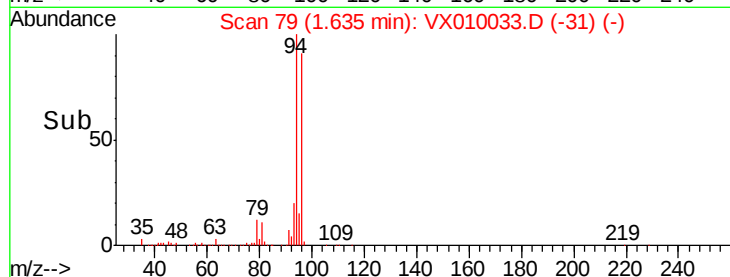
0

Time-->

1.60

1.65

1.70



#6

Chloroethane

Concen: 17.013 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX010033.D

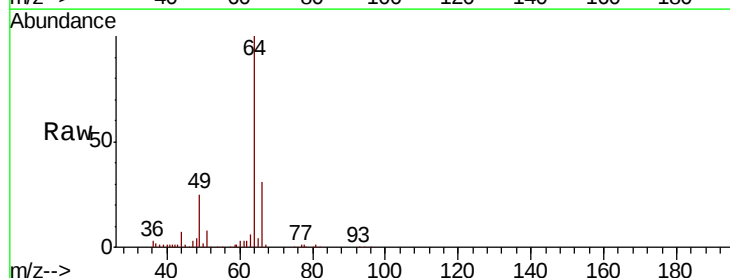
Acq: 03 Jun 2019 14:04

Tgt Ion: 64 Resp: 25504

Ion Ratio Lower Upper

64 100

66 31.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

10000

5000

0

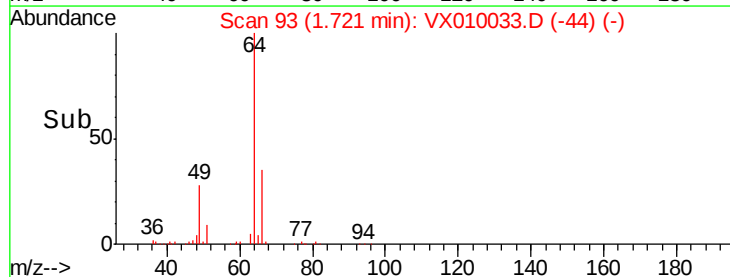
Time-->

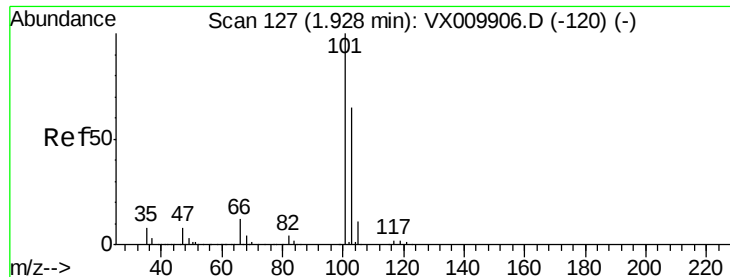
1.65

1.70

1.75

1.80



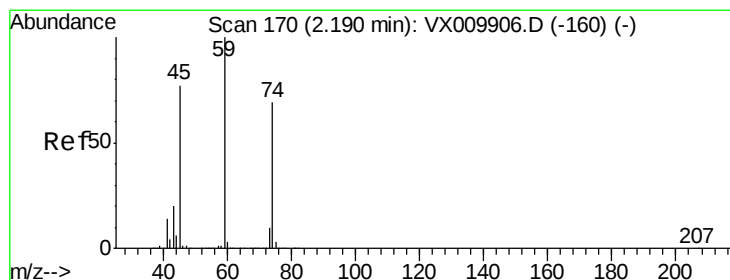
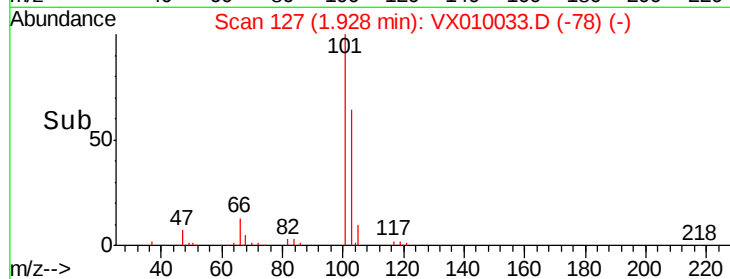
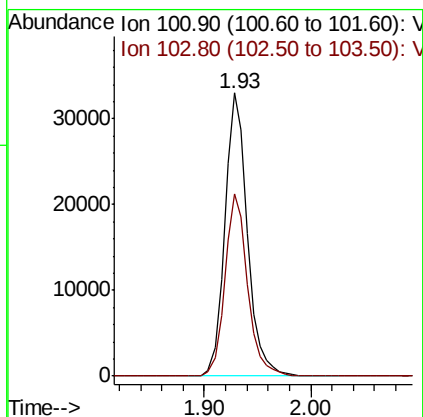
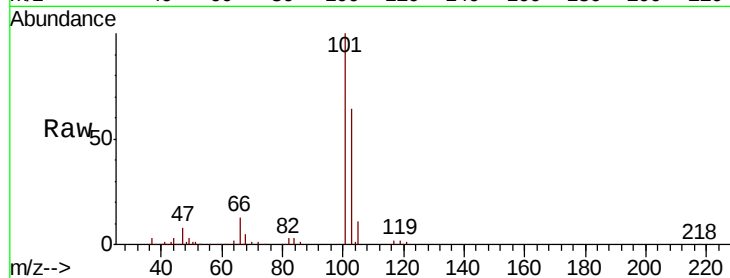


#7

Trichlorofluoromethane
 Concen: 18.162 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Instrument :
 MSVOA_X
 ClientSampleId :

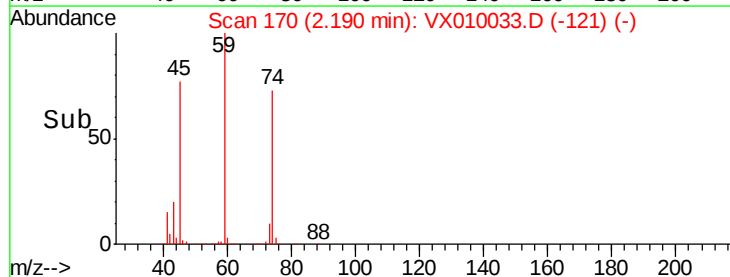
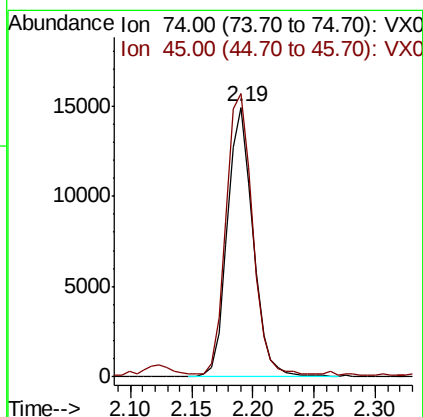
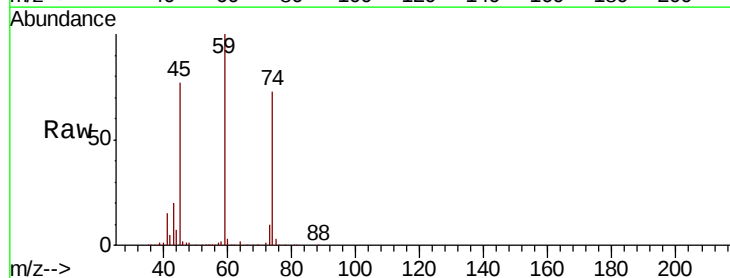
Tot Ion:101 Resp: 48876
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.2 78.4

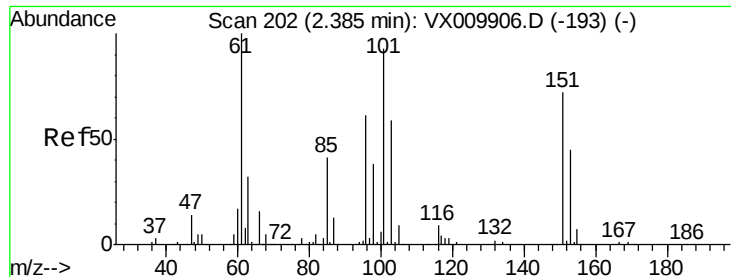


#8

Diethyl Ether
 Concen: 17.119 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Tgt Ion: 74 Resp: 21649
 Ion Ratio Lower Upper
 74 100
 45 106.1 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.738 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

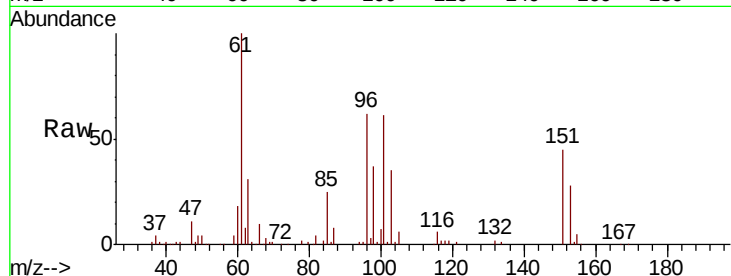
Tot Ion:101 Resp: 30444

Ion Ratio Lower Upper

101 100

85 43.4 35.2 52.8

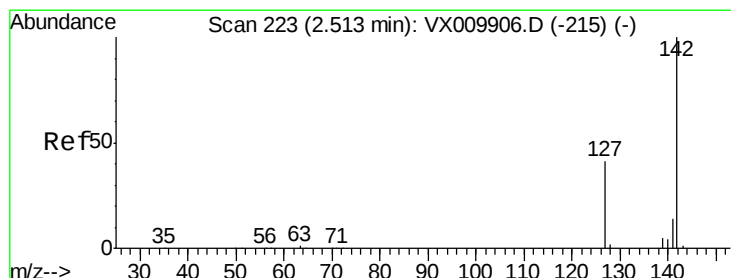
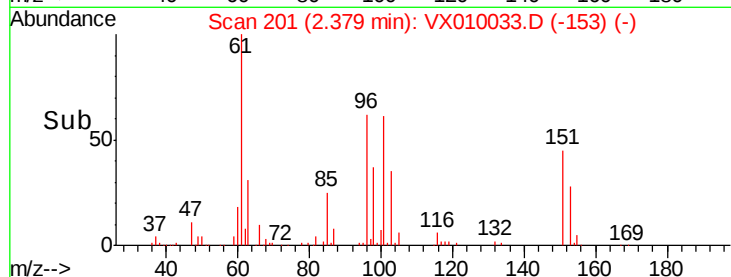
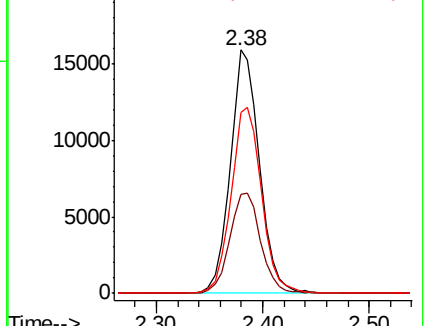
151 80.0 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.679 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

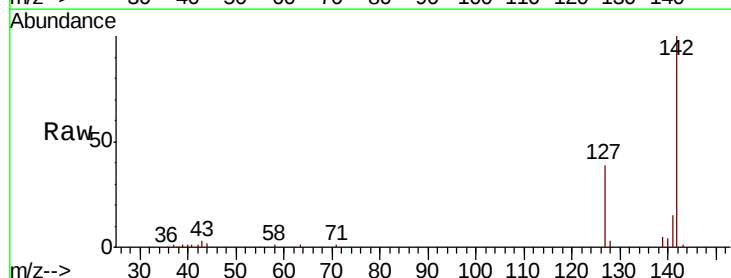
Tgt Ion:142 Resp: 28889

Ion Ratio Lower Upper

142 100

127 40.5 33.0 49.4

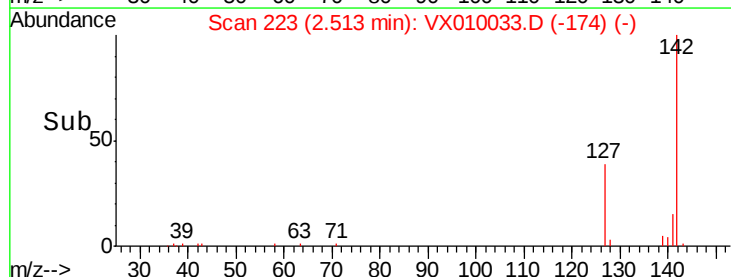
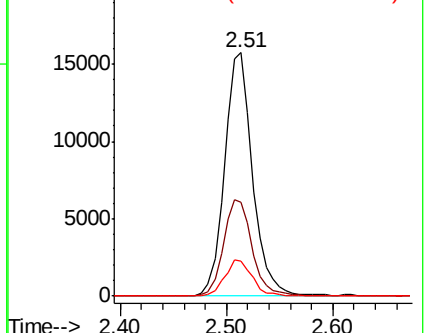
141 14.7 11.4 17.0

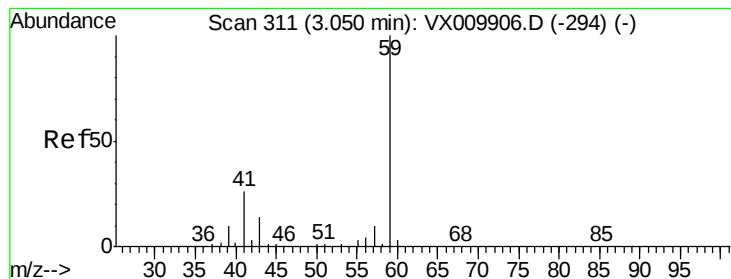


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



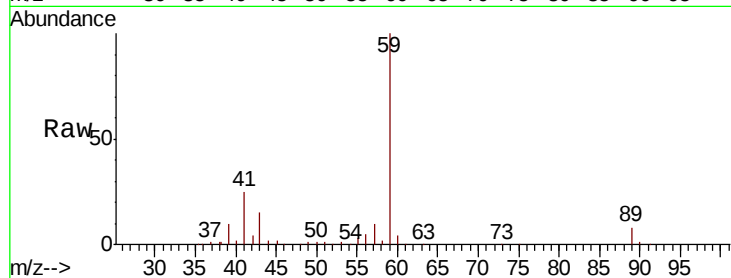


#11

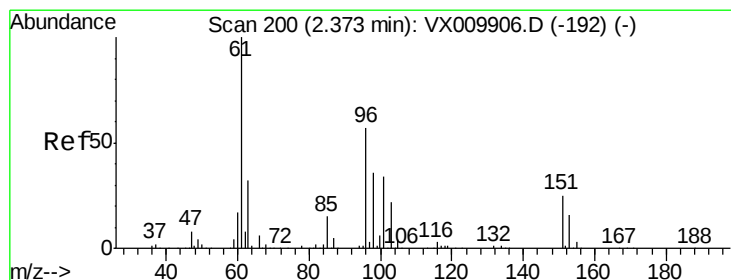
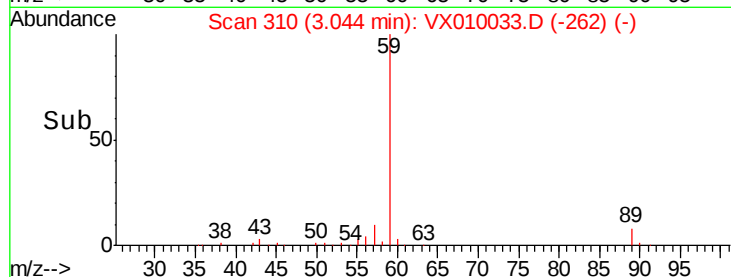
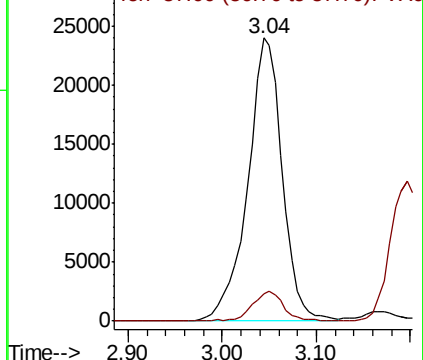
Tert butyl alcohol
Concen: 107.381 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 59 Resp: 61386
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.2



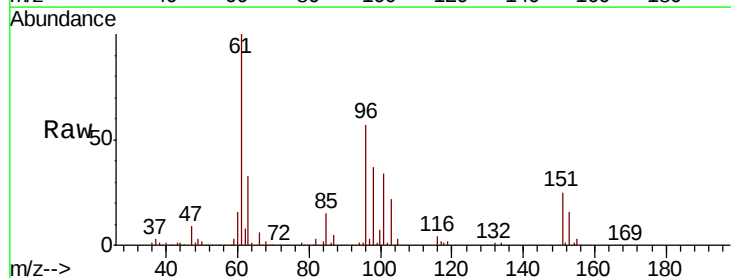
Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



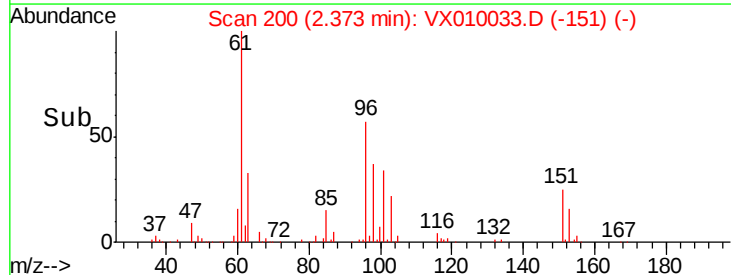
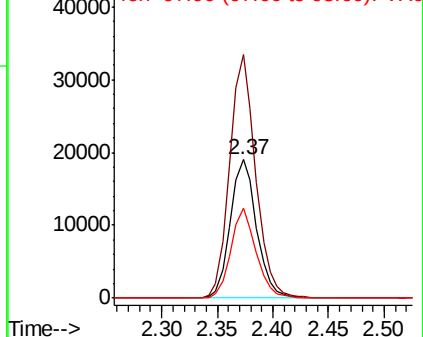
#12

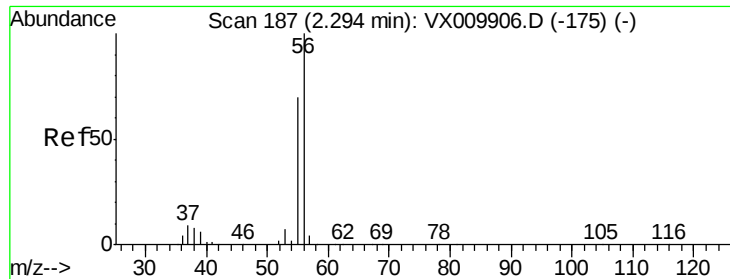
1,1-Dichloroethene
Concen: 18.633 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion: 96 Resp: 31031
Ion Ratio Lower Upper
96 100
61 176.3 140.7 211.1
98 65.5 50.1 75.1



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

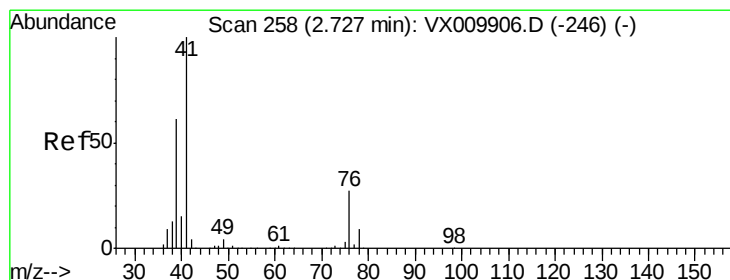
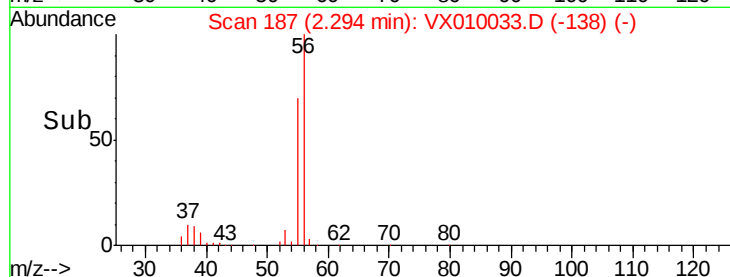
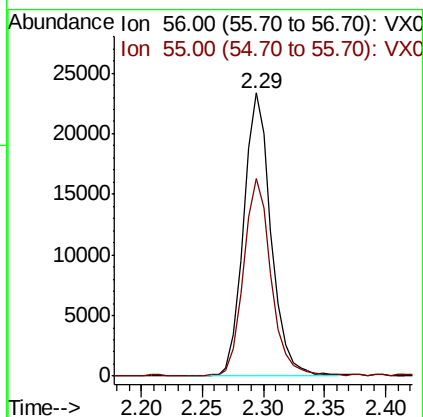
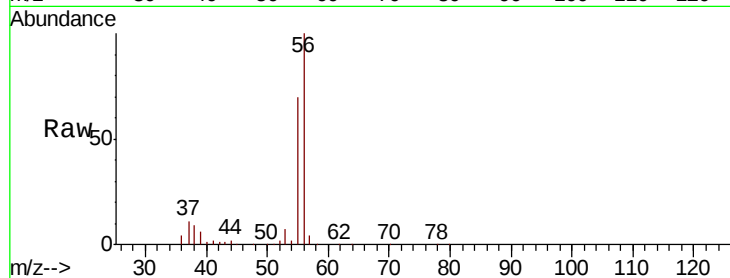




#13
Acrolein
Concen: 103.582 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

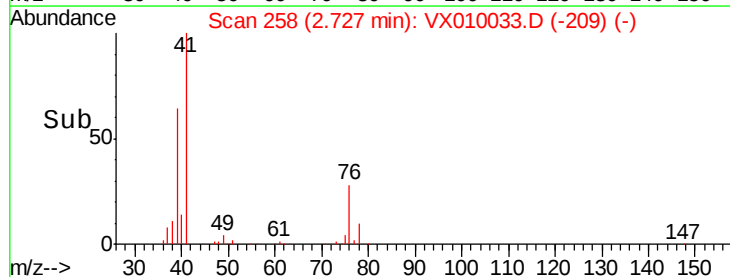
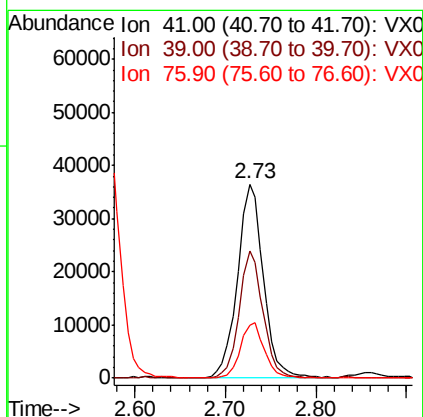
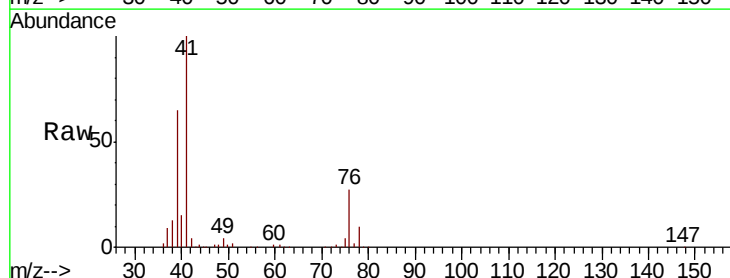
Instrument :
MSVOA_X
ClientSampled :

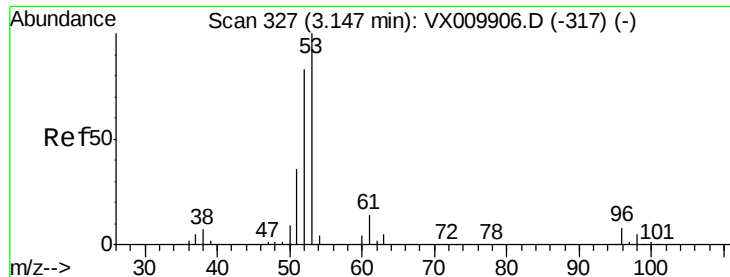
Tot Ion: 56 Resp: 36505
Ion Ratio Lower Upper
56 100
55 70.0 57.0 85.4



#14
Allyl chloride
Concen: 17.973 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion: 41 Resp: 72749
Ion Ratio Lower Upper
41 100
39 59.3 46.7 70.1
76 26.2 21.0 31.4





#15

Acrylonitrile

Concen: 91.205 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

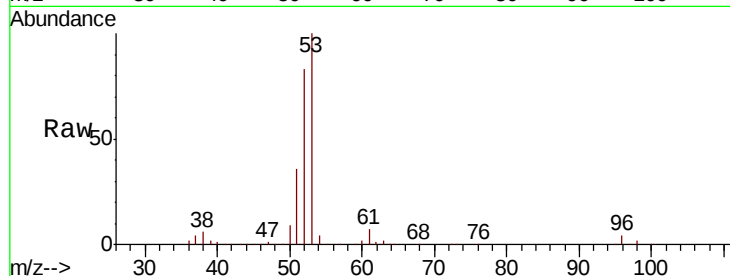
Tot Ion: 53 Resp: 125628

Ion Ratio Lower Upper

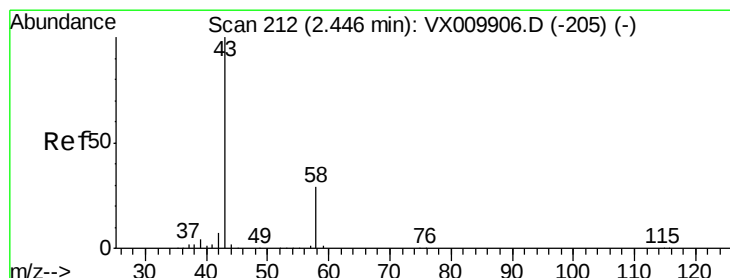
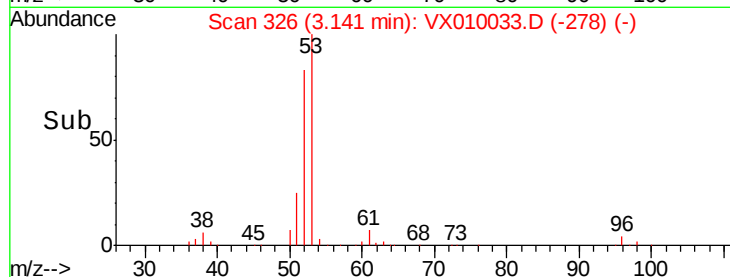
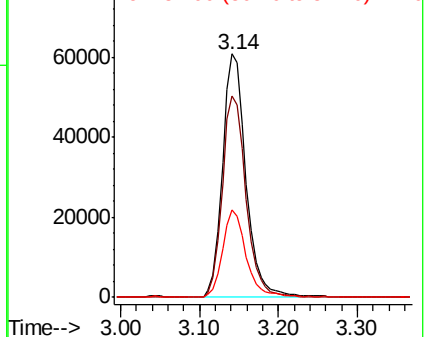
53 100

52 84.4 66.7 100.1

51 36.3 28.8 43.2



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



#16

Acetone

Concen: 91.813 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010033.D

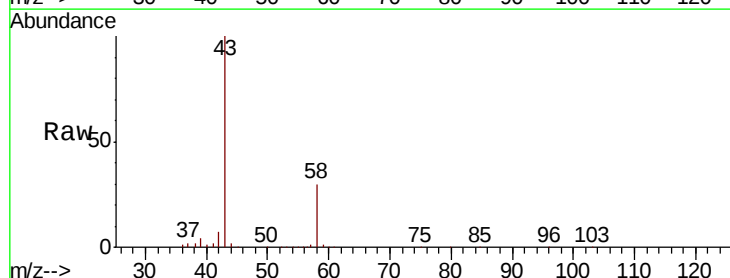
Acq: 03 Jun 2019 14:04

Tgt Ion: 43 Resp: 123224

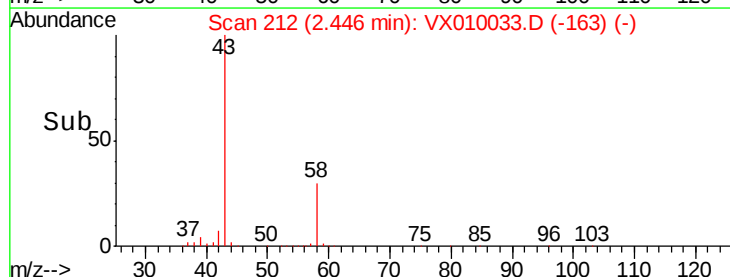
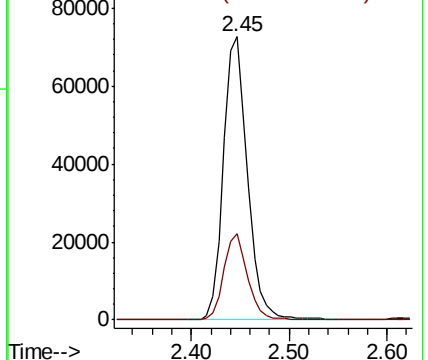
Ion Ratio Lower Upper

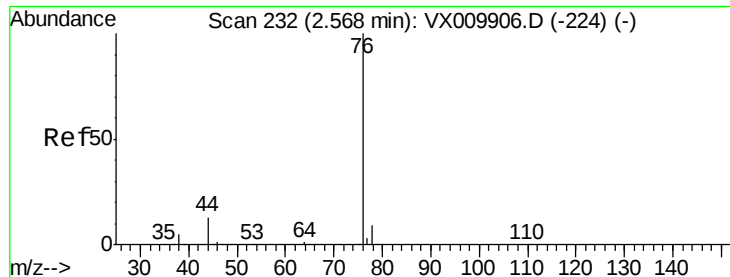
43 100

58 30.3 23.2 34.8



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

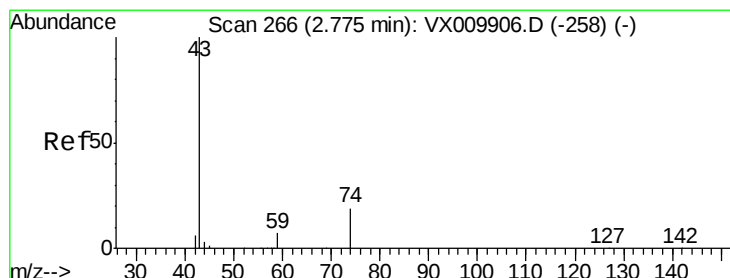
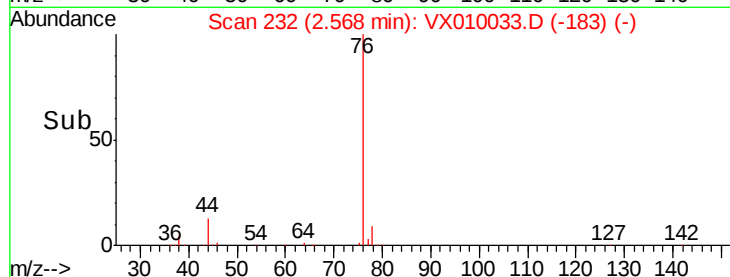
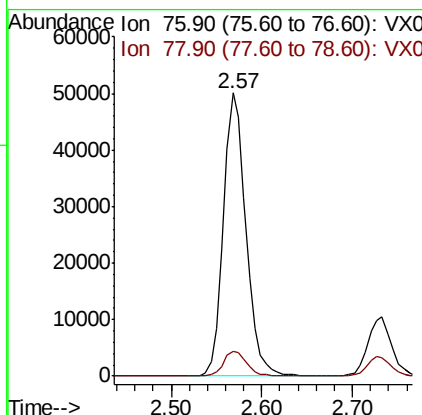
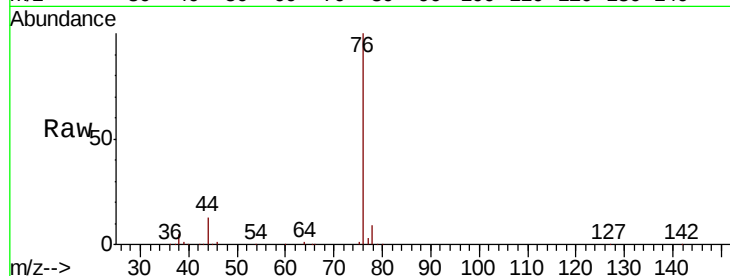




#17
Carbon Disulfide
Concen: 17.443 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

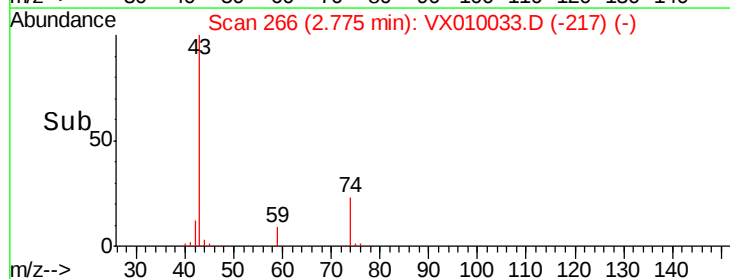
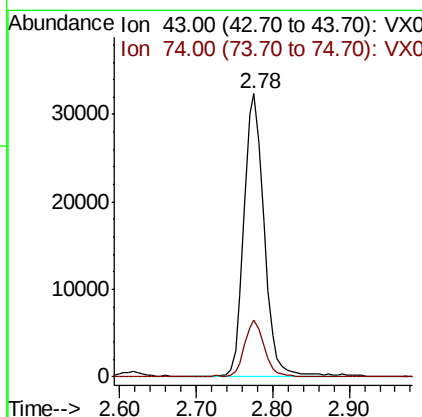
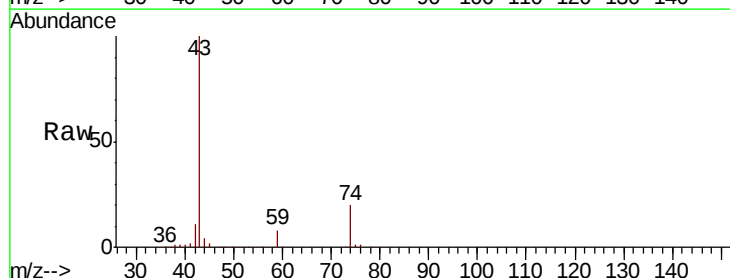
Instrument :
MSVOA_X
ClientSampled :

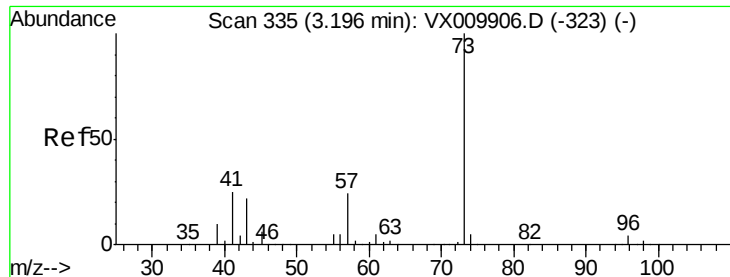
Tot Ion: 76 Resp: 86689
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 18.897 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion: 43 Resp: 59013
Ion Ratio Lower Upper
43 100
74 20.3 15.8 23.6



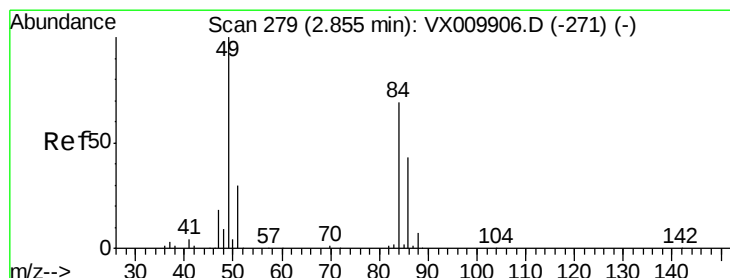
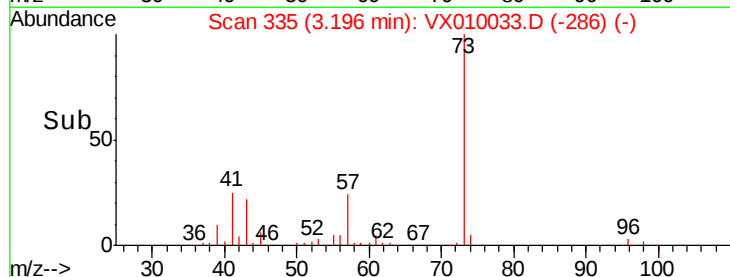
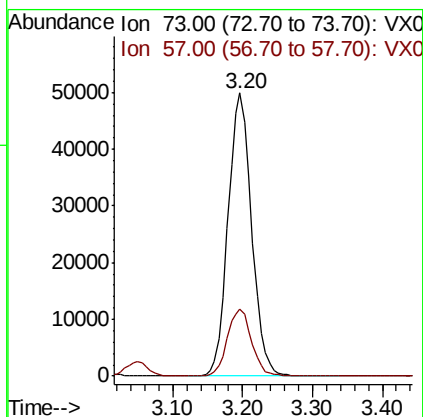
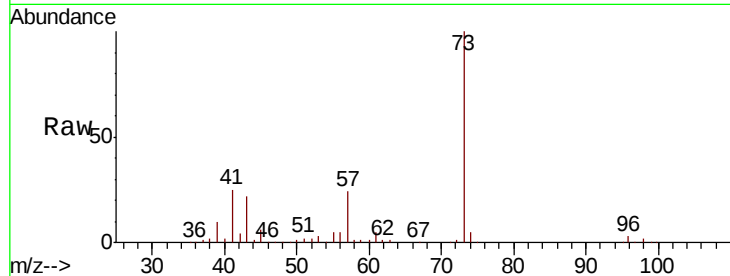


#19

Methyl tert-butyl Ether
 Concen: 18.515 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Instrument :
 MSVOA_X
 ClientSampled :

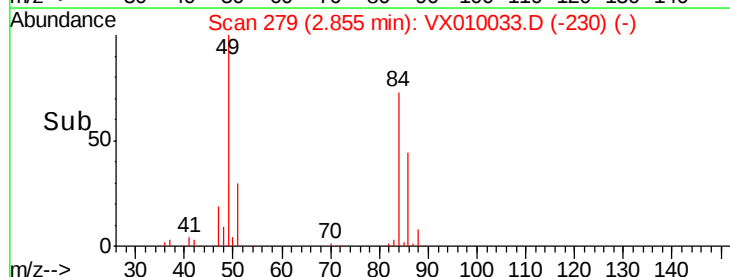
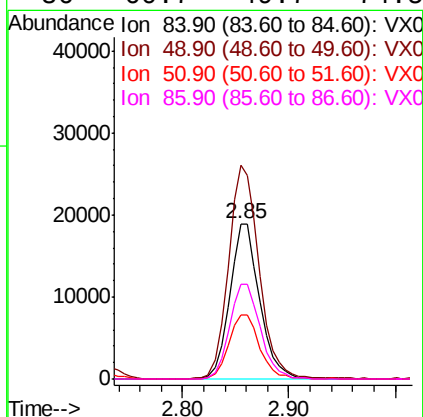
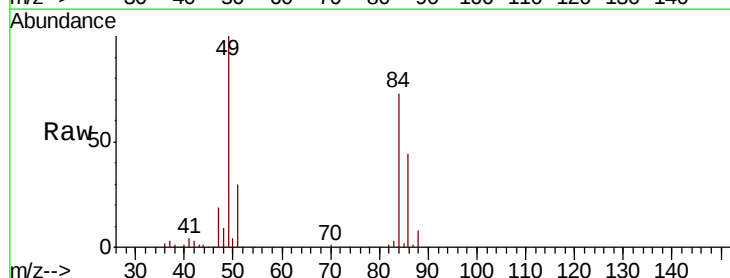
Tot Ion: 73 Resp: 116414
 Ion Ratio Lower Upper
 73 100
 57 23.8 19.4 29.2

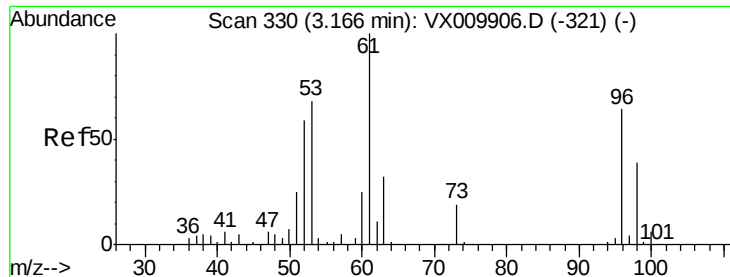


#20

Methylene Chloride
 Concen: 18.081 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Tgt Ion: 84 Resp: 37161
 Ion Ratio Lower Upper
 84 100
 49 137.3 115.8 173.6
 51 41.3 34.4 51.6
 86 60.7 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 17.503 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

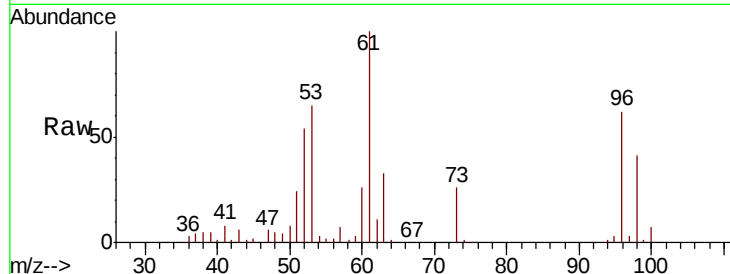
Tot Ion: 96 Resp: 32434

Ion Ratio Lower Upper

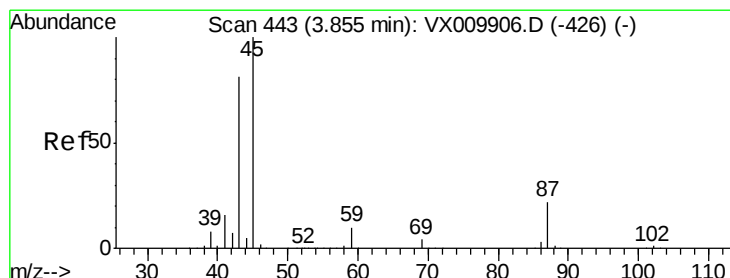
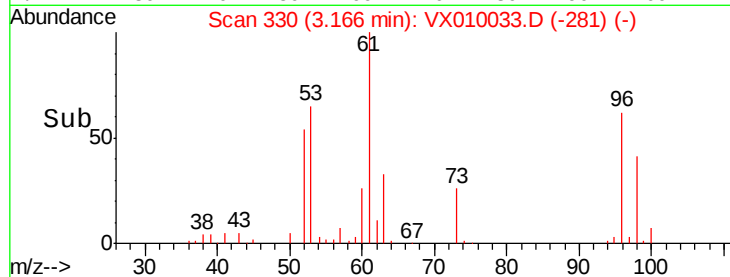
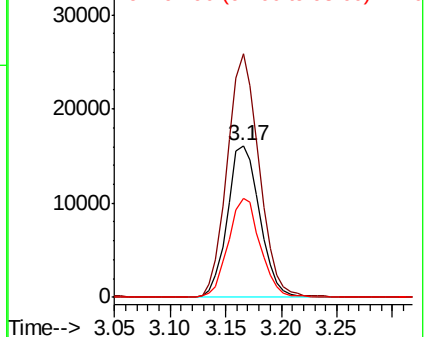
96 100

61 160.6 125.7 188.5

98 65.3 49.0 73.6



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: 18.712 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Tgt Ion: 45 Resp: 144114

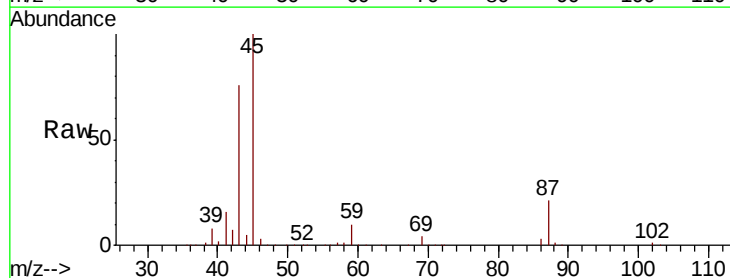
Ion Ratio Lower Upper

45 100

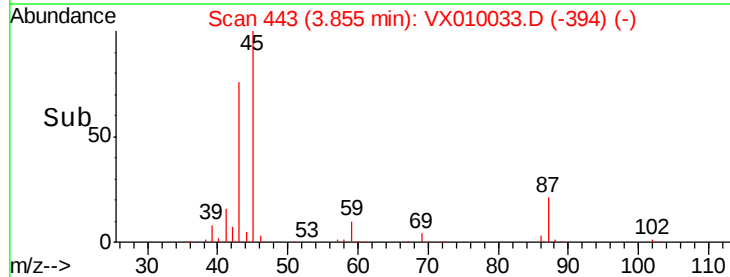
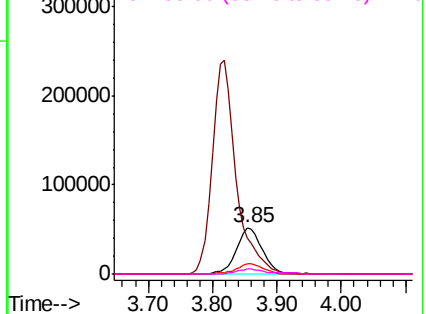
43 76.0 65.0 97.4

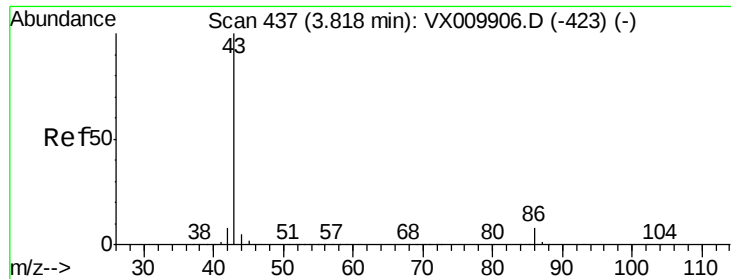
87 21.4 17.3 25.9

59 10.1 8.1 12.1



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: 90.183 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

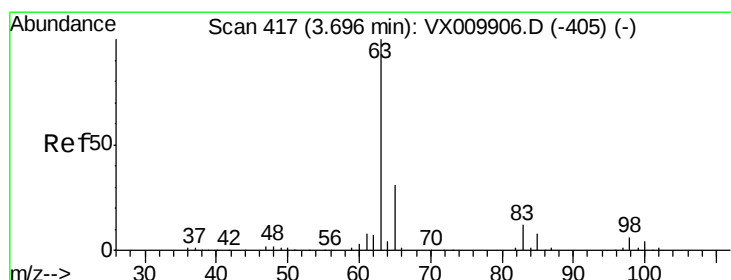
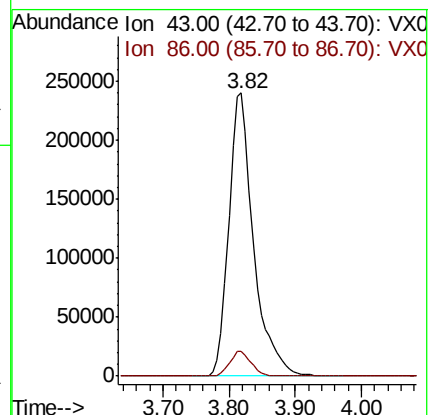
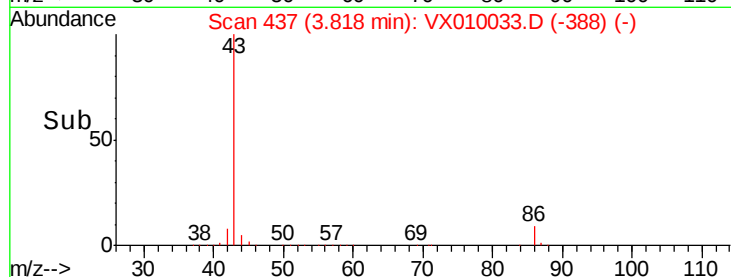
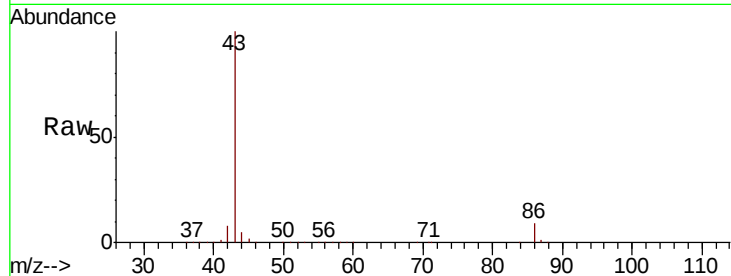
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 623944

Ion Ratio Lower Upper

43 100

86 8.8 6.5 9.7



#24

1,1-Dichloroethane

Concen: 18.284 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

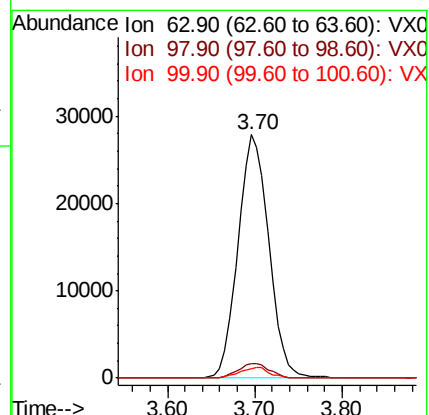
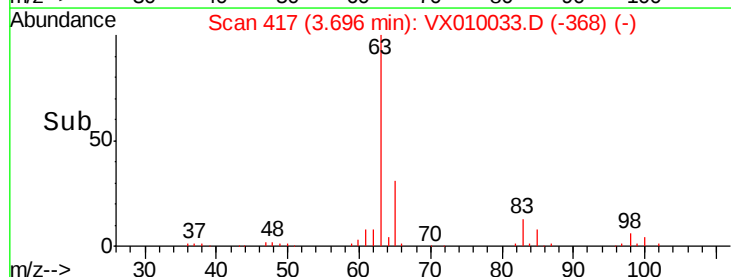
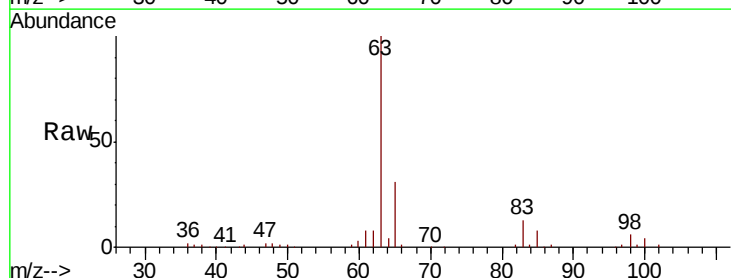
Tgt Ion: 63 Resp: 68242

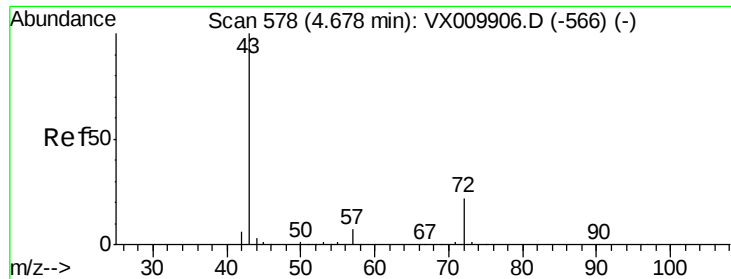
Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

100 3.7 1.8 5.4





#25

2-Butanone

Concen: 91.964 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

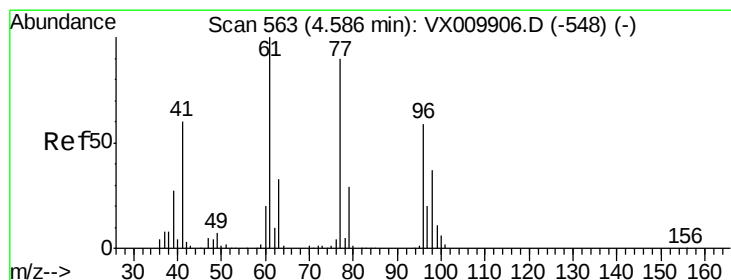
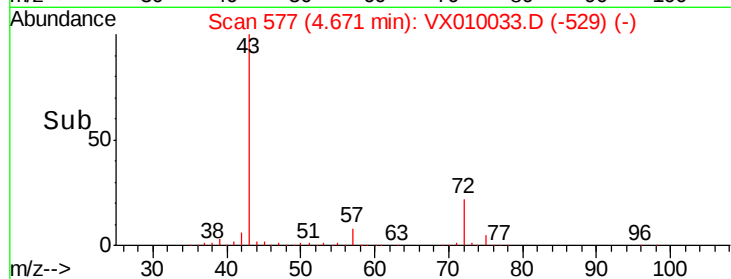
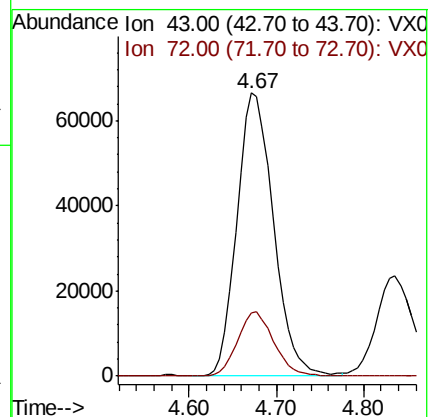
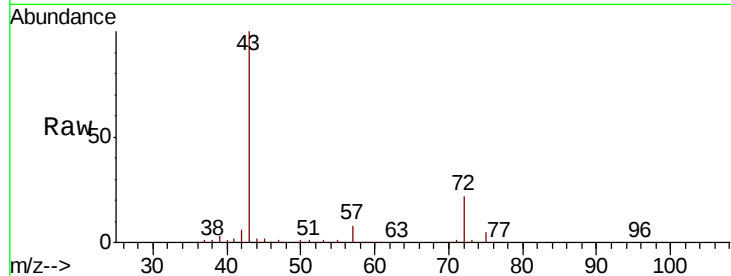
ClientSampleId :

Tot Ion: 43 Resp: 192298

Ion Ratio Lower Upper

43 100

72 22.1 17.5 26.3



#26

2,2-Dichloropropane

Concen: 17.392 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX010033.D

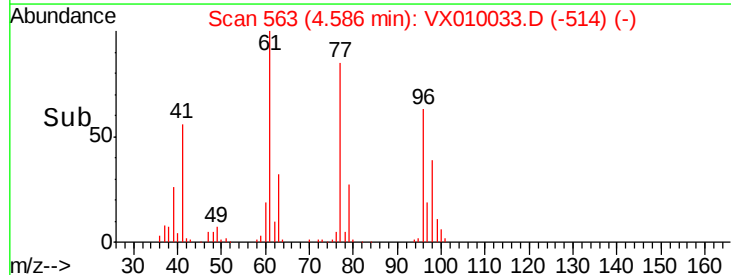
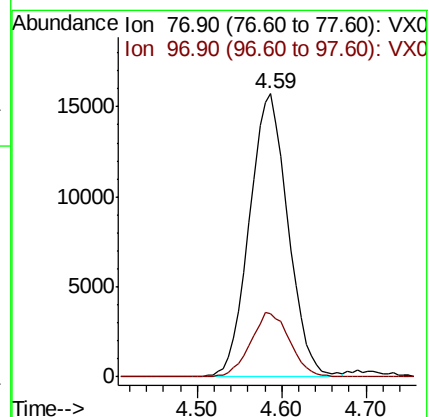
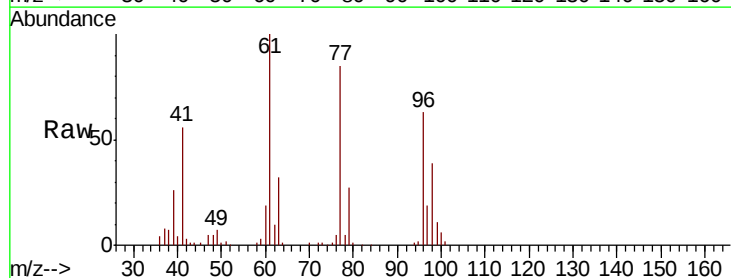
Acq: 03 Jun 2019 14:04

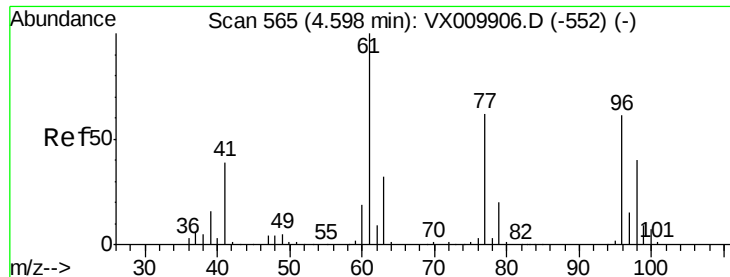
Tgt Ion: 77 Resp: 49104

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.2



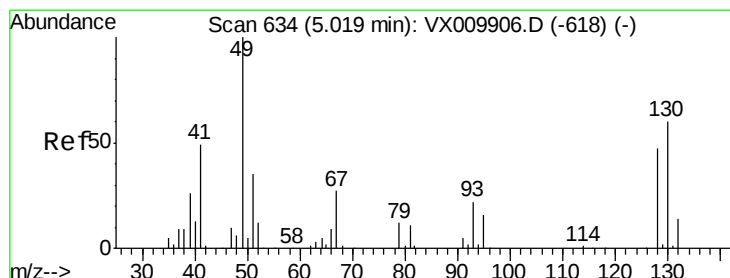
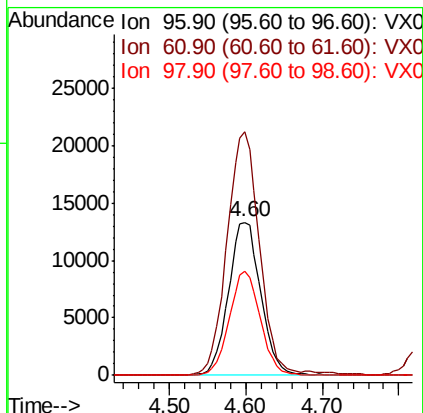
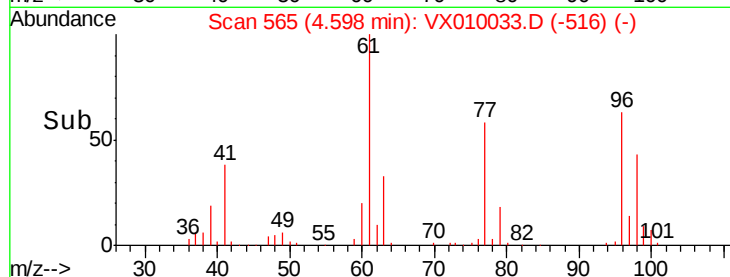
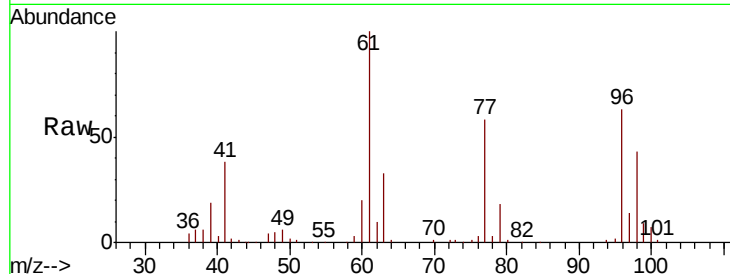


#27

cis-1,2-Dichloroethene
Concen: 18.186 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampleId :

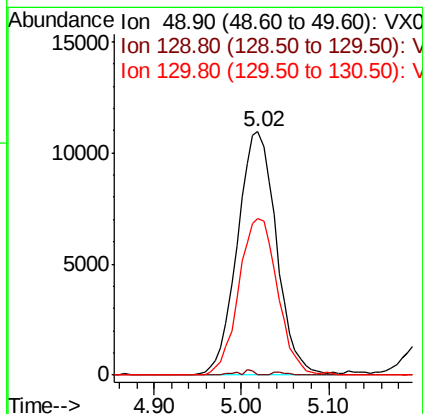
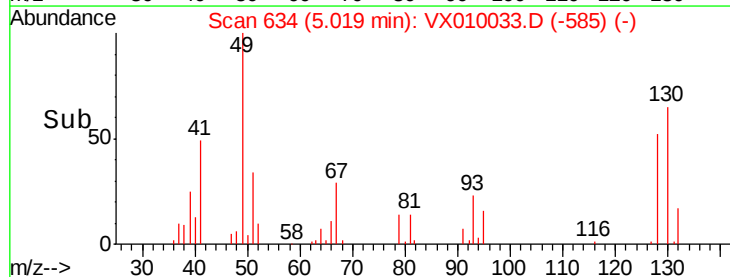
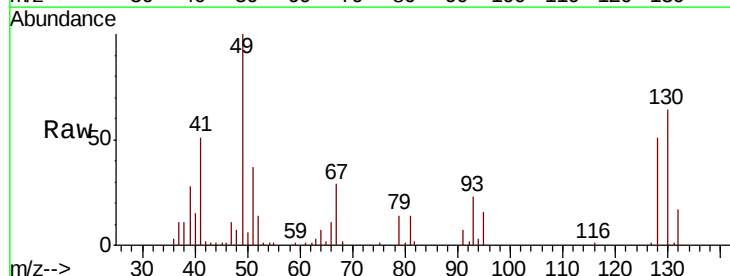
Tot Ion	Ratio	Lower	Upper
96	100		
61	158.9	0.0	334.0
98	65.3	0.0	131.6

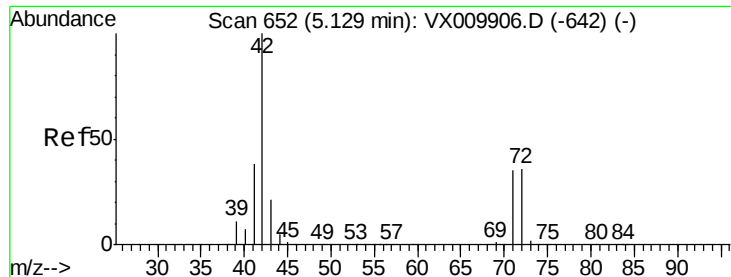


#28

Bromochloromethane
Concen: 17.581 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.4
130	64.0	49.4	74.2

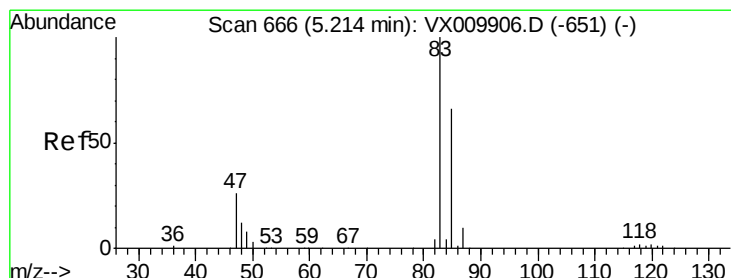
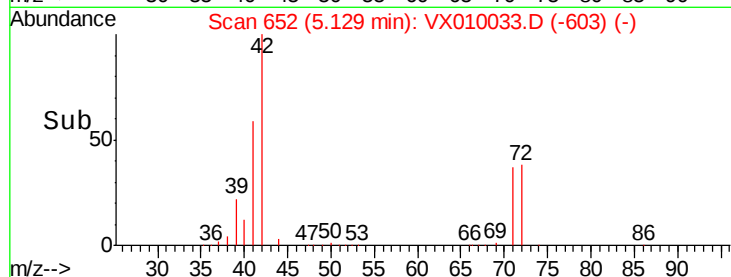
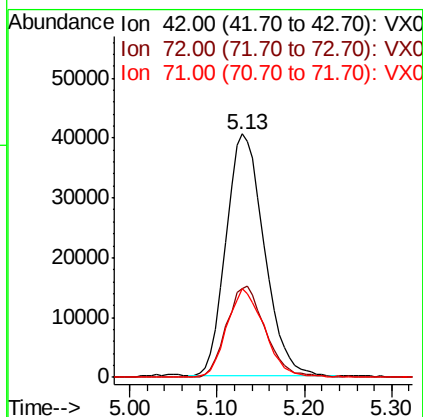
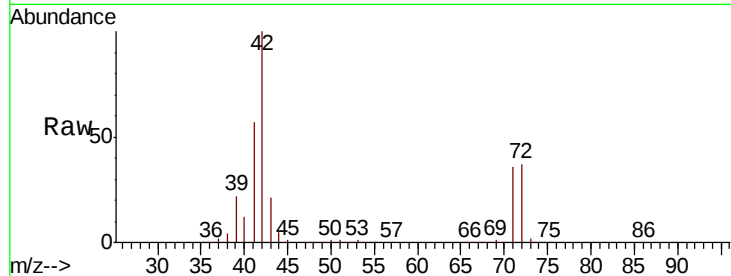




#29
Tetrahydrofuran
Concen: 91.927 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

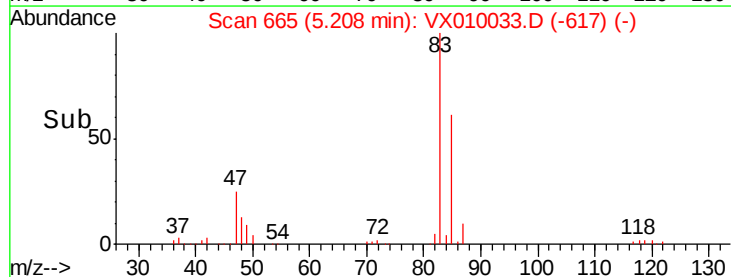
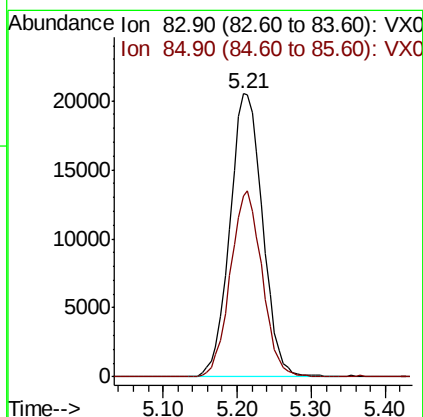
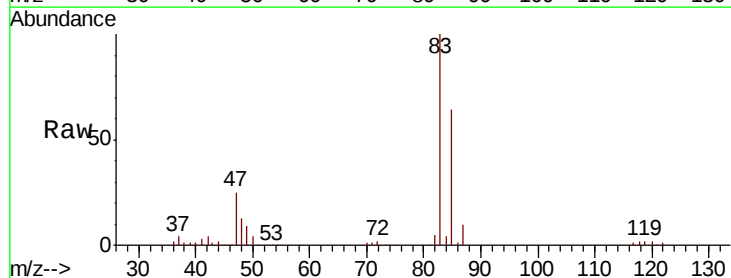
Instrument :
MSVOA_X
ClientSampled :

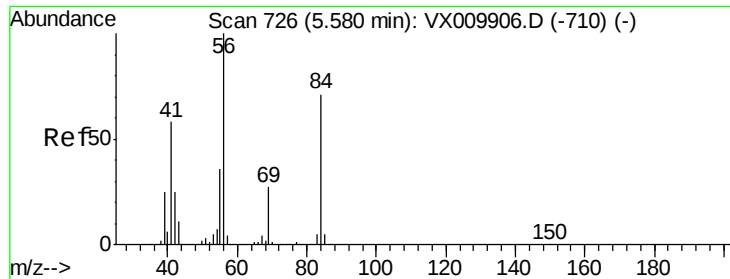
Tot Ion: 42 Resp: 123264
Ion Ratio Lower Upper
42 100
72 38.1 29.2 43.8
71 35.9 27.6 41.4



#30
Chloroform
Concen: 18.736 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion: 83 Resp: 63065
Ion Ratio Lower Upper
83 100
85 63.8 52.6 78.8

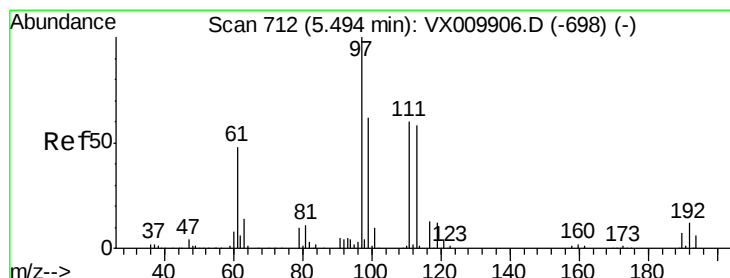
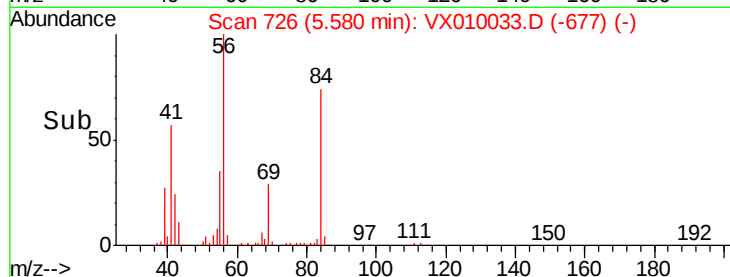
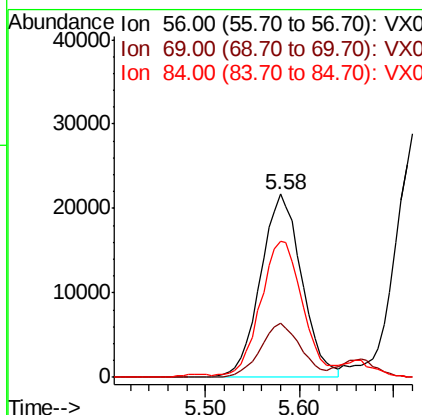
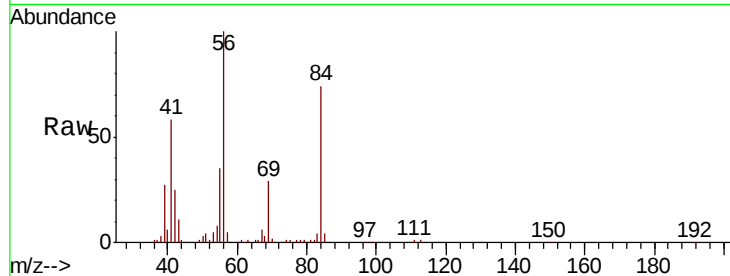




#31
Cyclohexane
Concen: 18.756 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

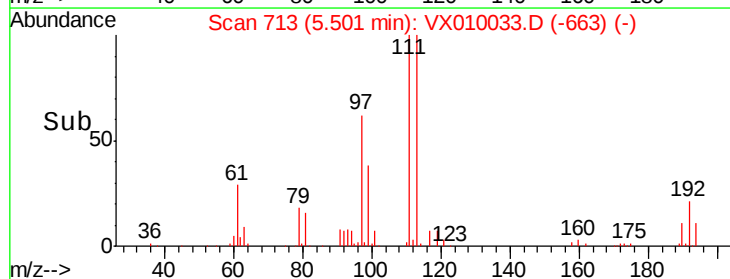
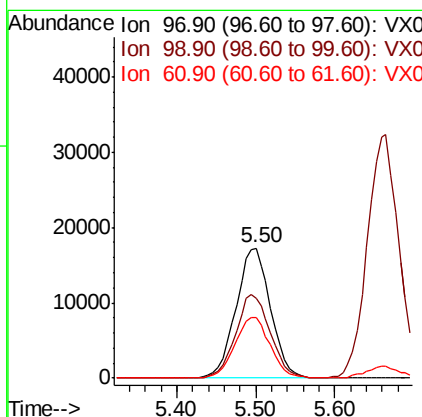
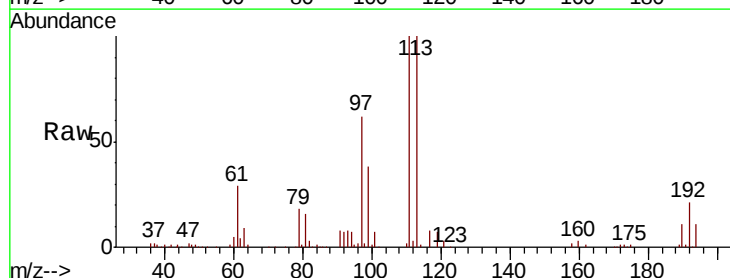
Instrument :
MSVOA_X
ClientSampleId :

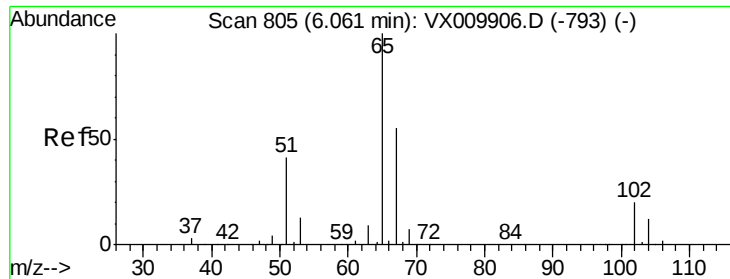
Tot Ion: 56 Resp: 66303
Ion Ratio Lower Upper
56 100
69 29.3 21.6 32.4
84 72.8 56.8 85.2



#32
1,1,1-Trichloroethane
Concen: 19.165 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion: 97 Resp: 52536
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 48.0 38.7 58.1

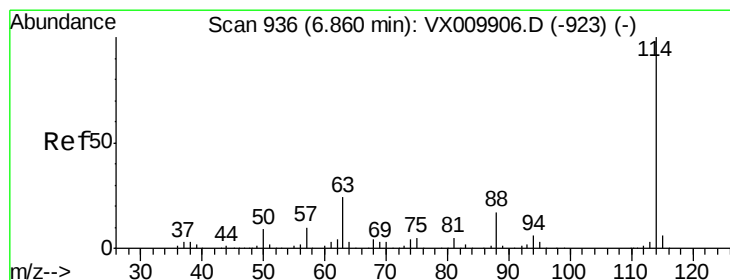
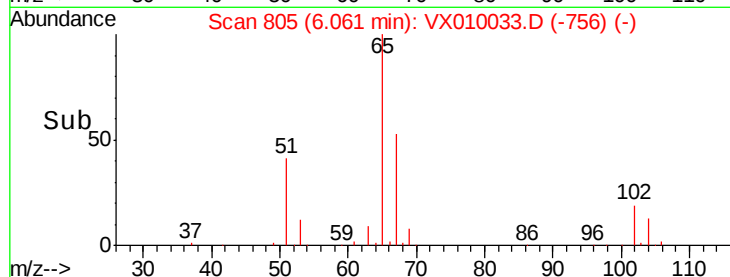
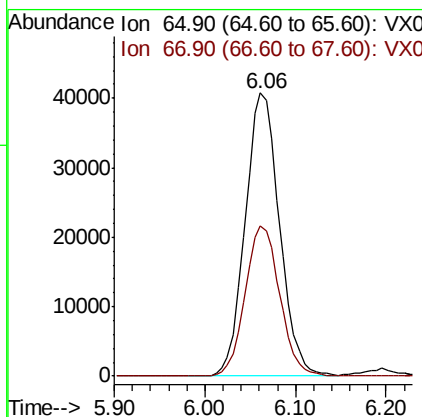
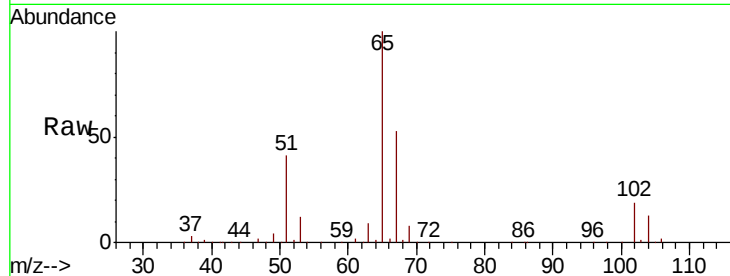




#33
 1,2-Dichloroethane-d4
 Concen: 45.997 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

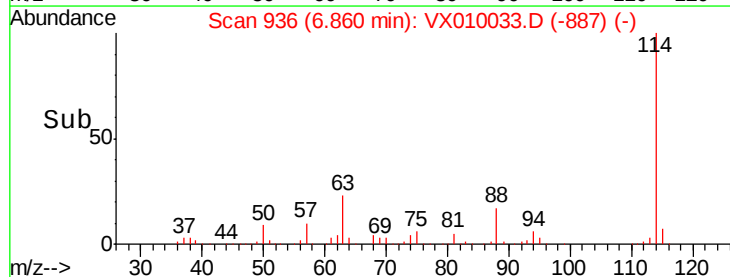
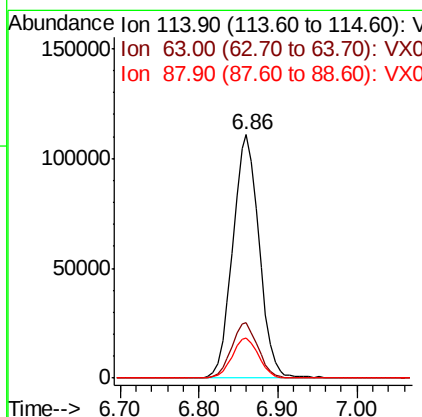
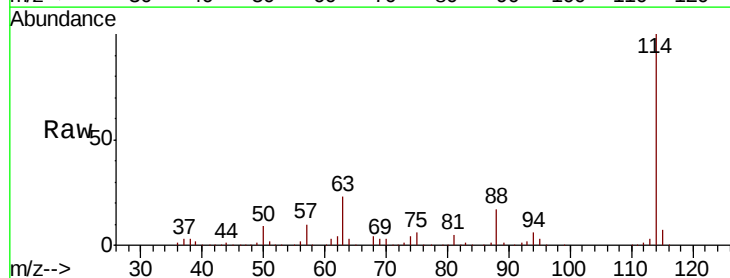
Instrument :
 MSVOA_X
 ClientSampled :

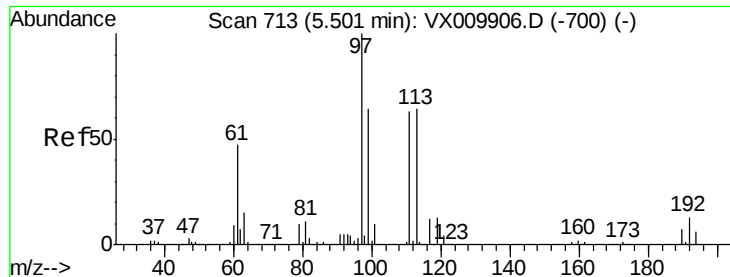
Tot Ion: 65 Resp: 106847
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Tgt Ion: 114 Resp: 258218
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.4
 88 16.7 0.0 33.0

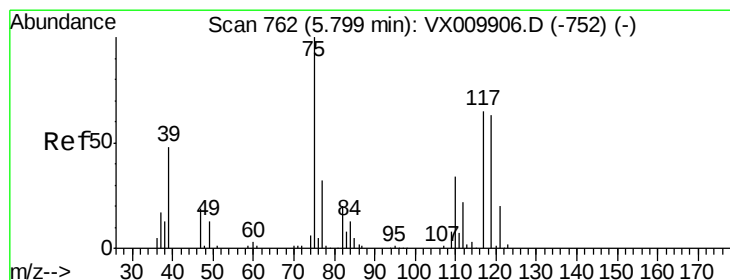
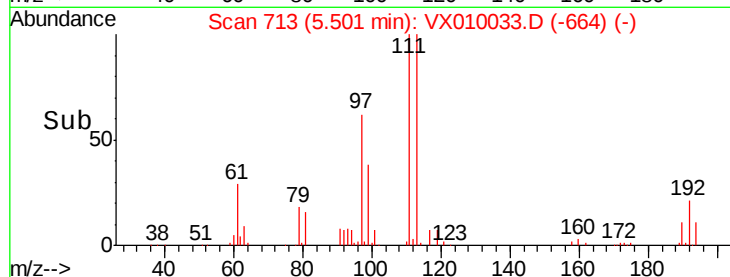
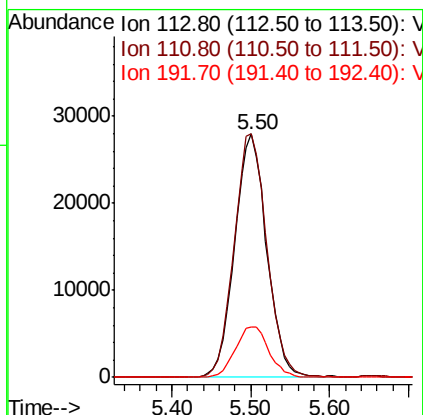
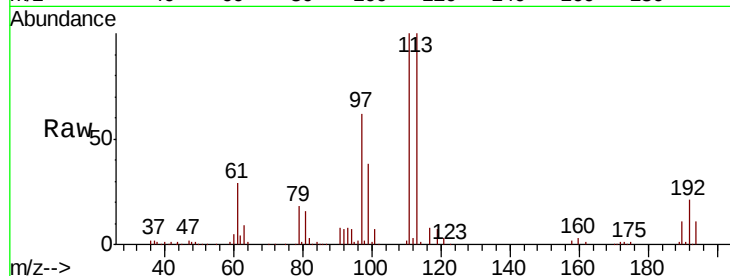




#35
 Dibromofluoromethane
 Concen: 48.578 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

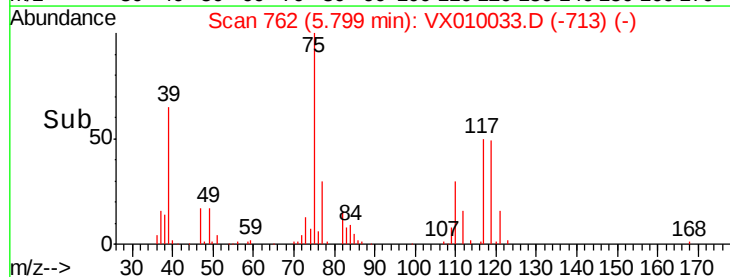
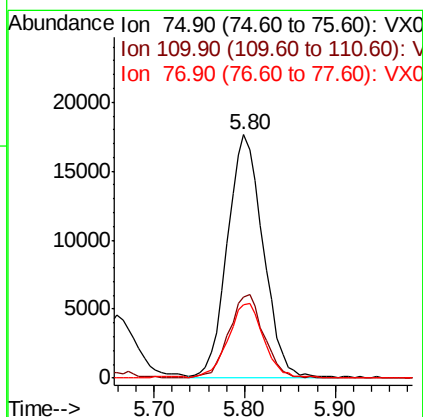
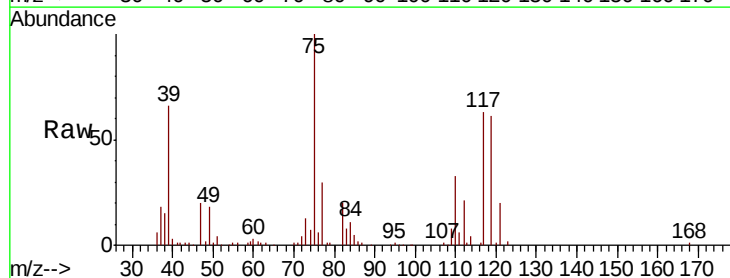
Instrument :
 MSVOA_X
 ClientSampleId :

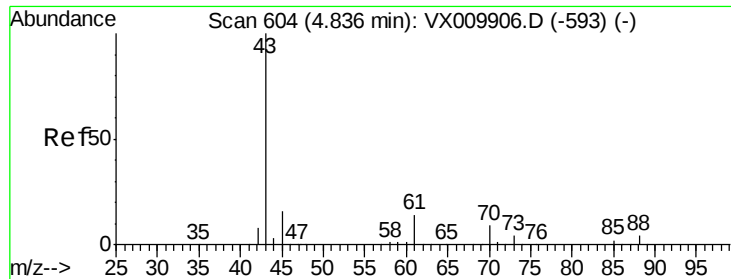
Tot Ion:113 Resp: 78863
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.2
 192 22.0 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 18.254 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Tgt Ion: 75 Resp: 47824
 Ion Ratio Lower Upper
 75 100
 110 33.8 16.7 50.1
 77 31.2 25.0 37.4

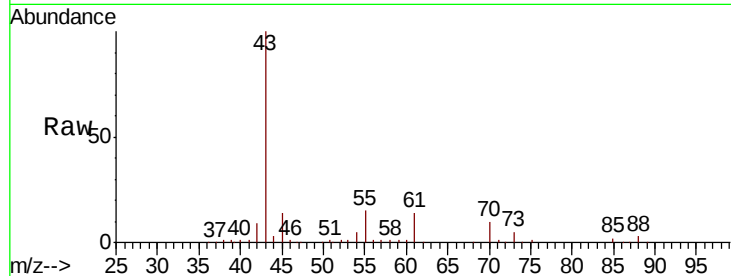




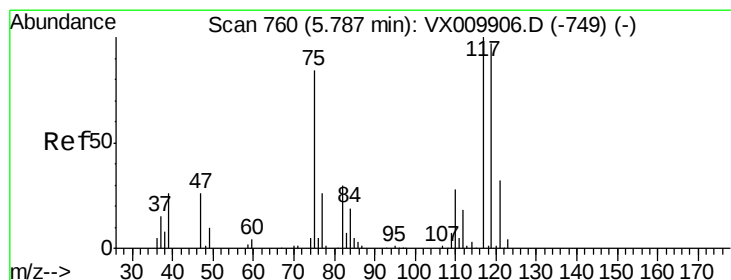
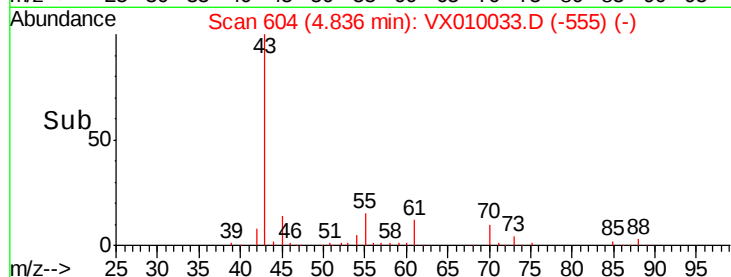
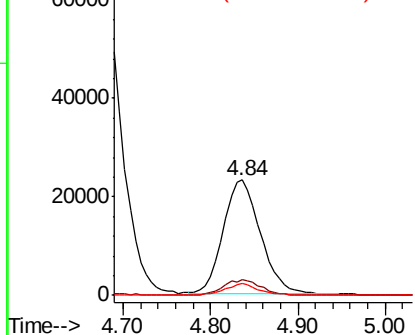
#37
Ethyl Acetate
Concen: 18.870 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 68884
Ion Ratio Lower Upper
43 100
61 13.0 10.2 15.2
70 9.4 7.4 11.2

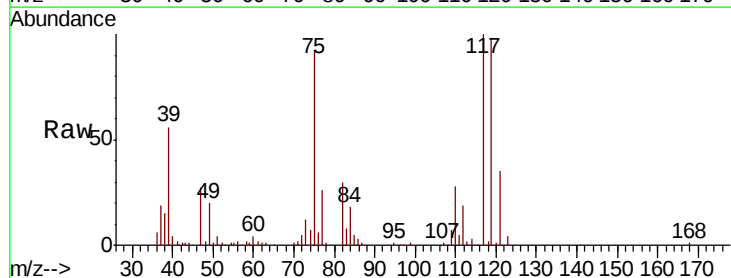


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

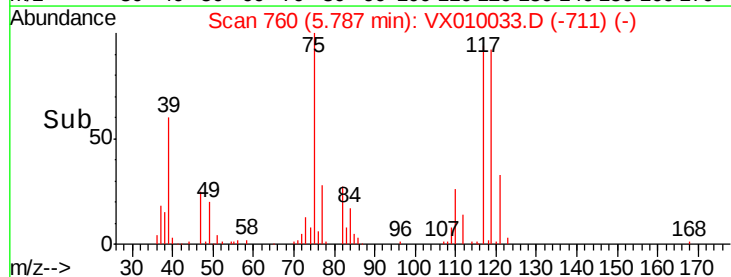
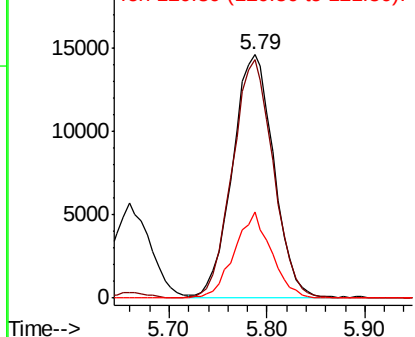


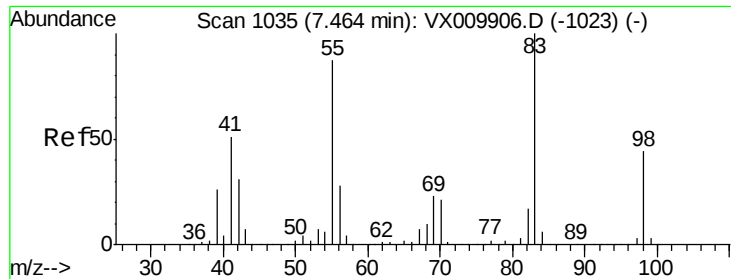
#38
Carbon Tetrachloride
Concen: 19.005 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion: 117 Resp: 43026
Ion Ratio Lower Upper
117 100
119 97.8 77.3 115.9
121 35.2 25.4 38.0



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

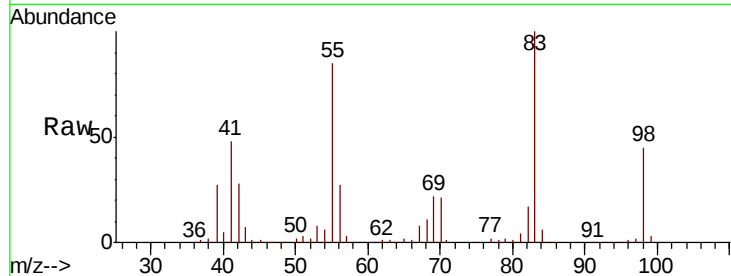




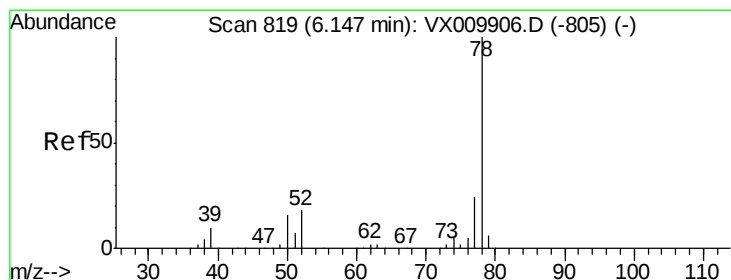
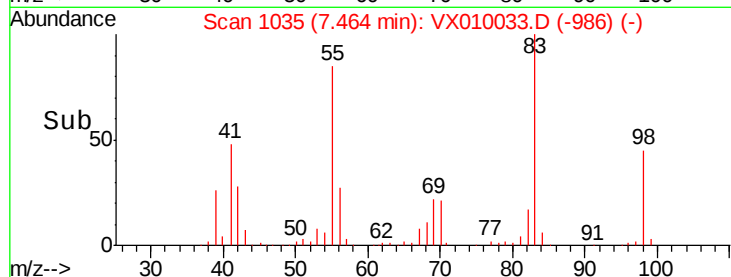
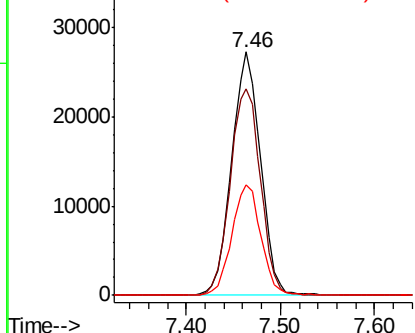
#39
Methvlcvclohexane
Concen: 18.685 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 58068
Ion Ratio Lower Upper
83 100
55 84.7 69.9 104.9
98 45.1 35.1 52.7

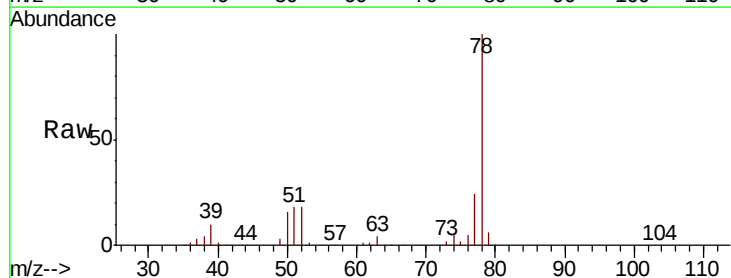


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

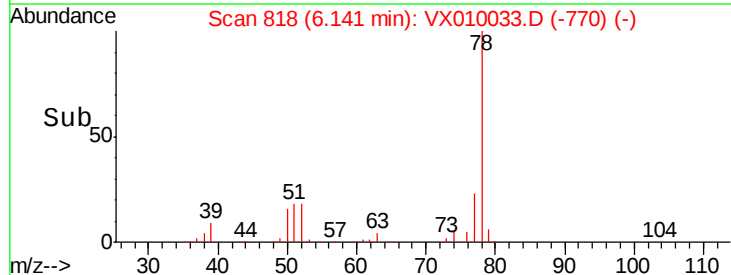
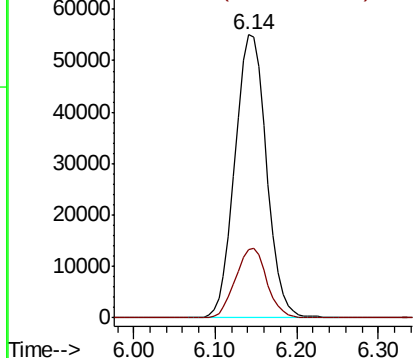


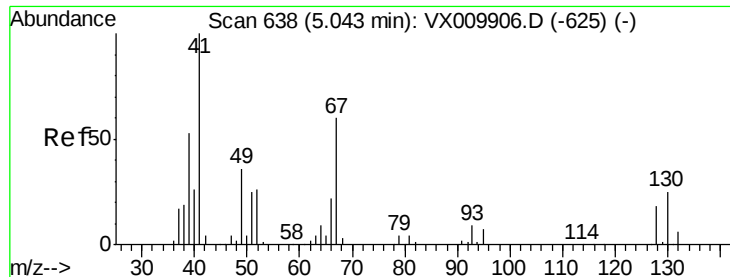
#40
Benzene
Concen: 19.057 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion: 78 Resp: 148107
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8



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





#41

Methacrylonitrile

Concen: 18.446 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 39348

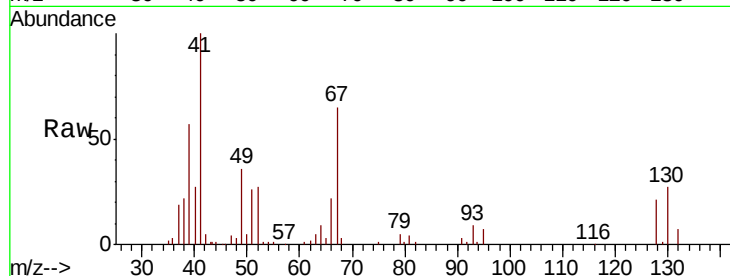
Ion Ratio Lower Upper

41 100

39 54.4 42.2 63.4

67 62.2 48.9 73.3

52 27.3 20.1 30.1

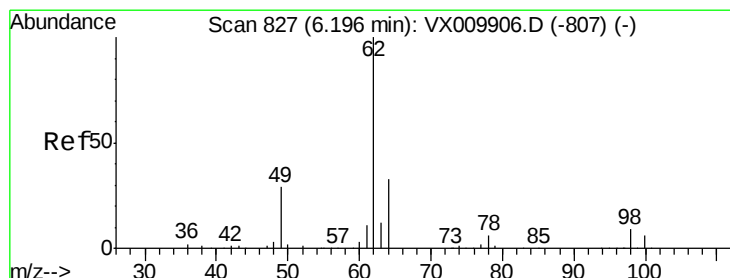
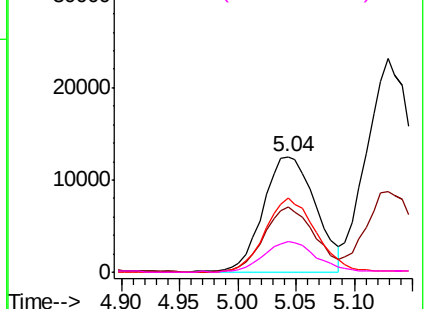
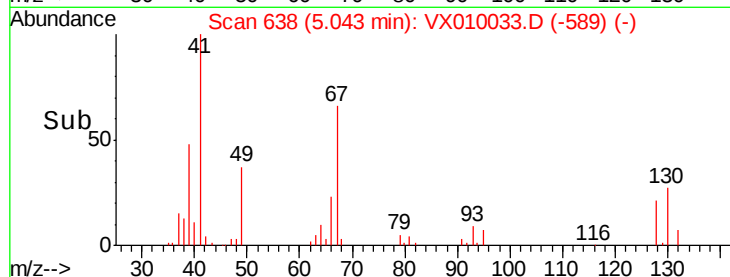


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.893 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX010033.D

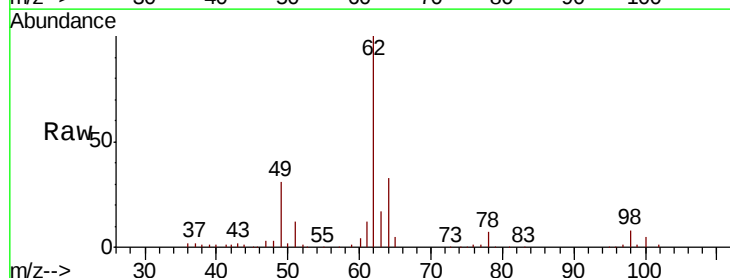
Acq: 03 Jun 2019 14:04

Tgt Ion: 62 Resp: 54283

Ion Ratio Lower Upper

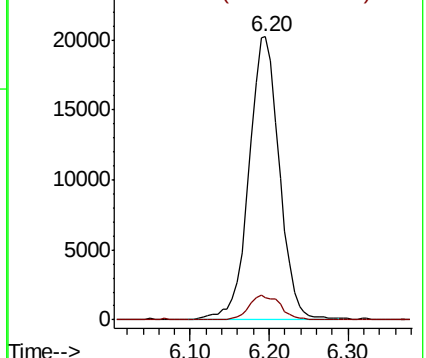
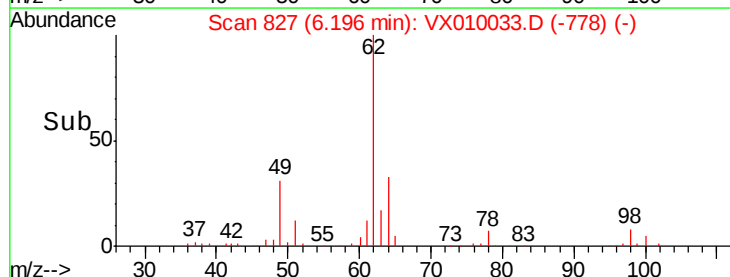
62 100

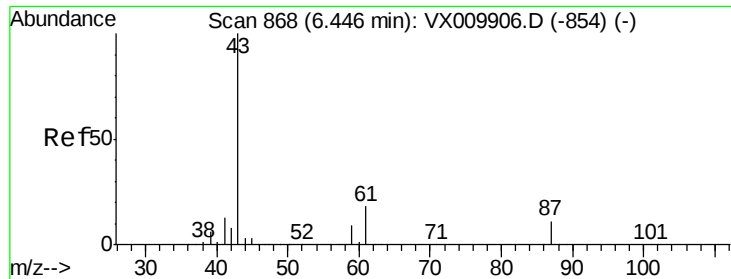
98 9.0 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



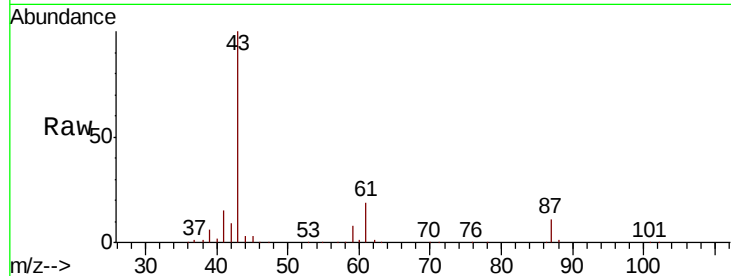


#43

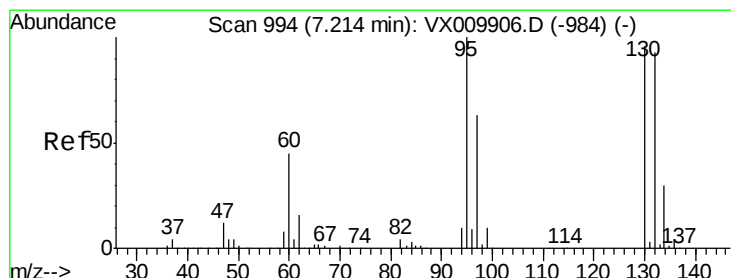
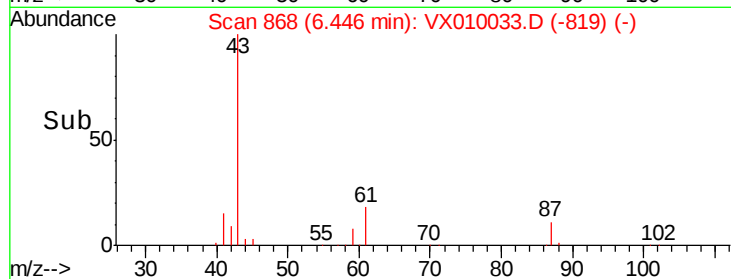
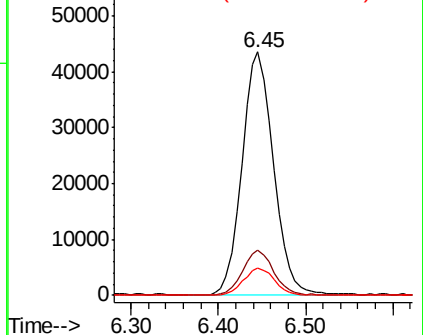
Isopropyl Acetate
 Concen: 18.385 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 108293
 Ion Ratio Lower Upper
 43 100
 61 18.7 14.6 21.8
 87 11.2 8.7 13.1



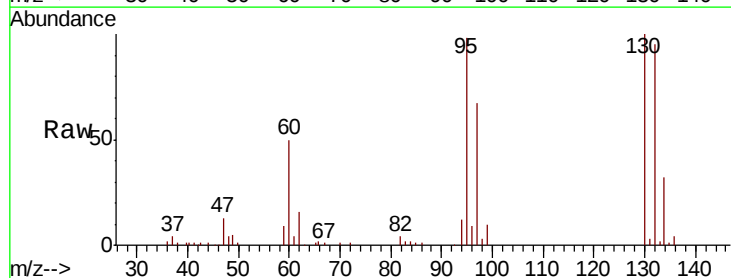
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



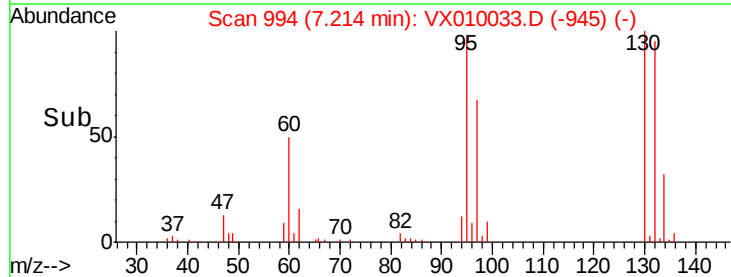
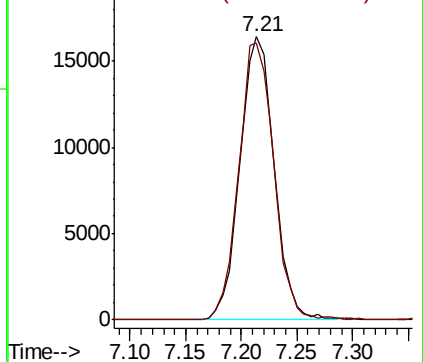
#44

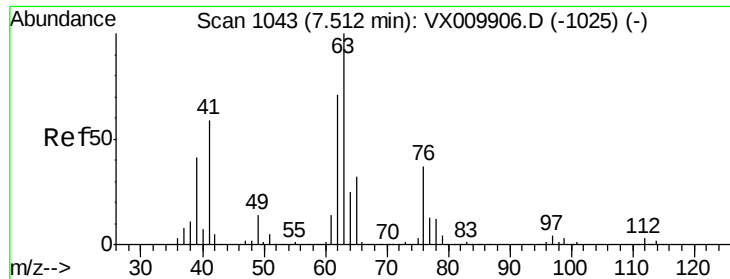
Trichloroethene
 Concen: 18.599 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Tgt Ion:130 Resp: 35112
 Ion Ratio Lower Upper
 130 100
 95 97.6 0.0 207.4



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





#45

1,2-Dichloropropane

Concen: 18.716 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

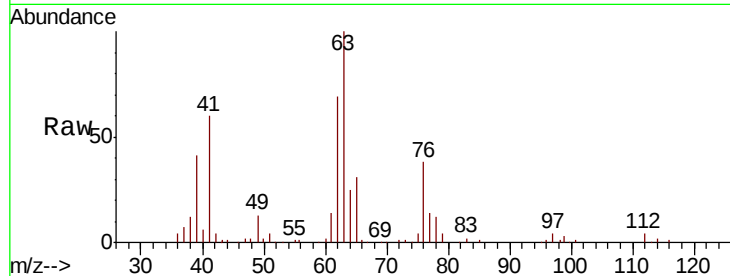
ClientSampleId :

Tot Ion: 63 Resp: 41872

Ion Ratio Lower Upper

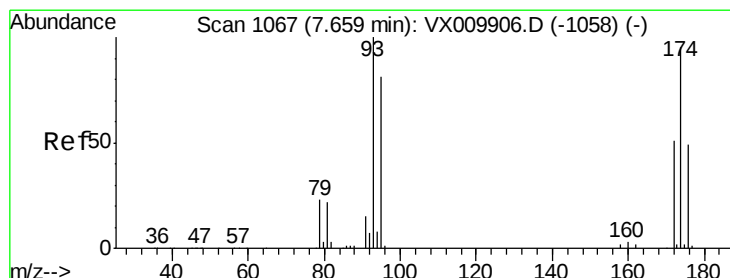
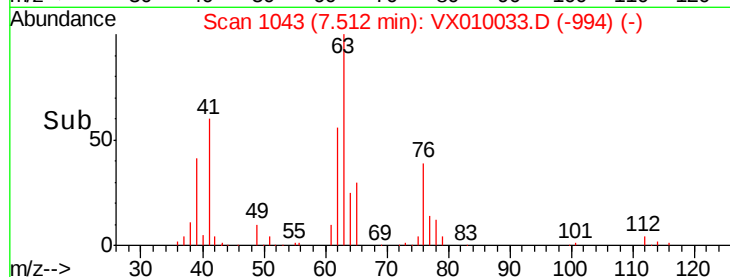
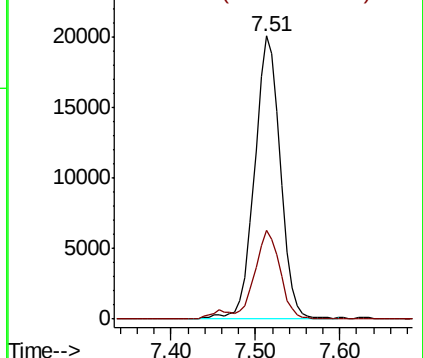
63 100

65 31.4 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.578 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

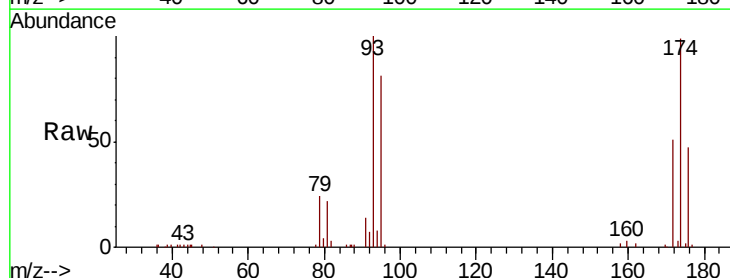
Tgt Ion: 93 Resp: 24466

Ion Ratio Lower Upper

93 100

95 80.9 66.8 100.2

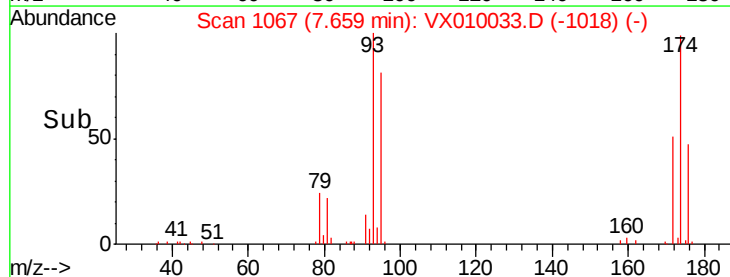
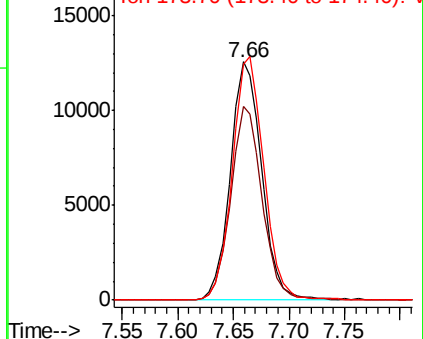
174 102.7 81.9 122.9

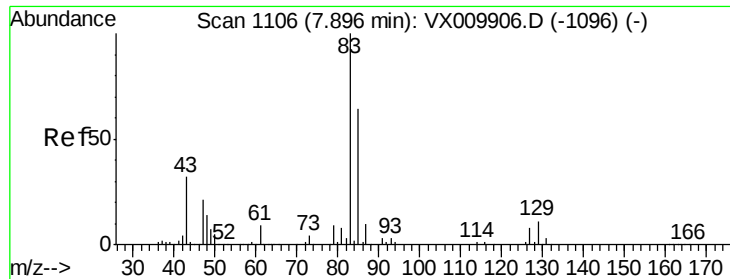


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.162 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

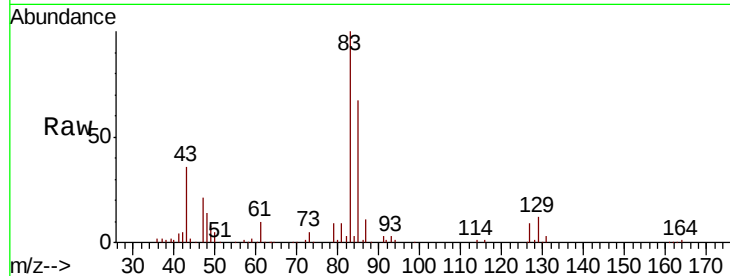
Tot Ion: 83 Resp: 47987

Ion Ratio Lower Upper

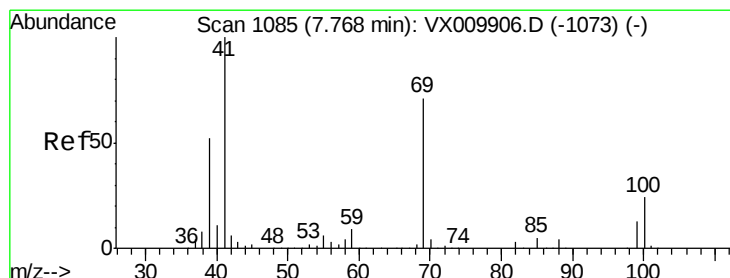
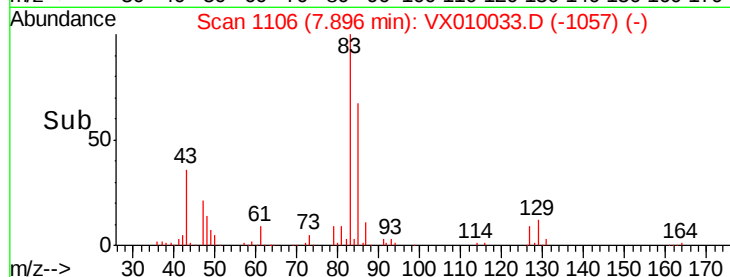
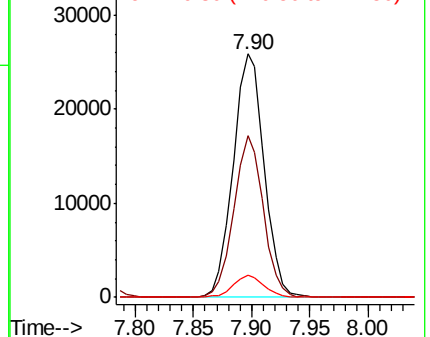
83 100

85 66.6 51.4 77.2

127 8.9 6.4 9.6



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



#48

Methyl methacrylate

Concen: 18.764 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

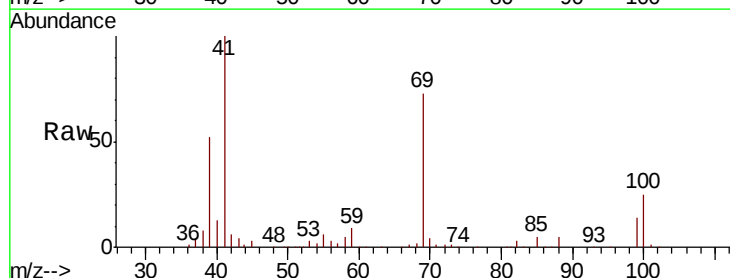
Tgt Ion: 41 Resp: 54713

Ion Ratio Lower Upper

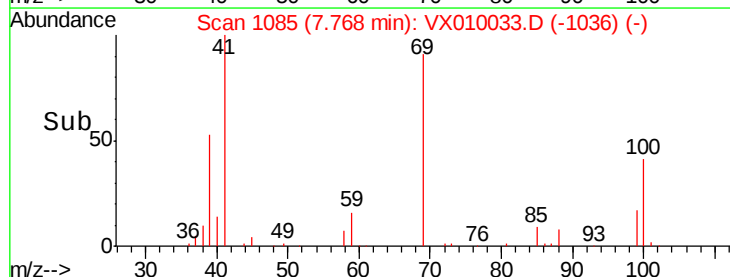
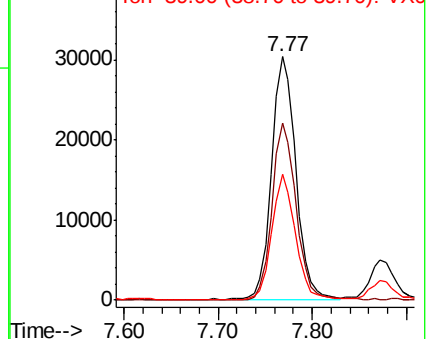
41 100

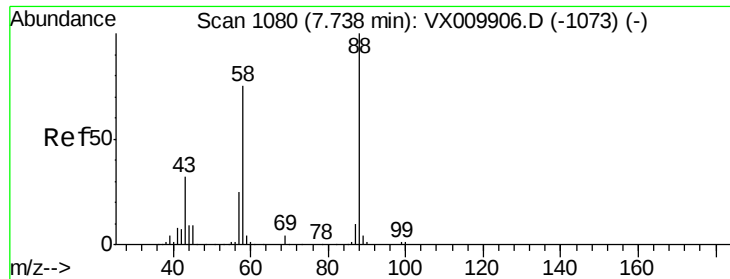
69 72.5 56.4 84.6

39 50.3 40.6 60.8



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: 398.683 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

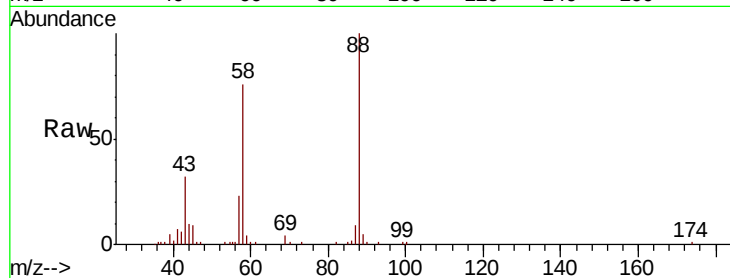
Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 21624

Ion	Ratio	Lower	Upper
88	100		
43	36.2	30.2	45.4
58	80.1	64.0	96.0

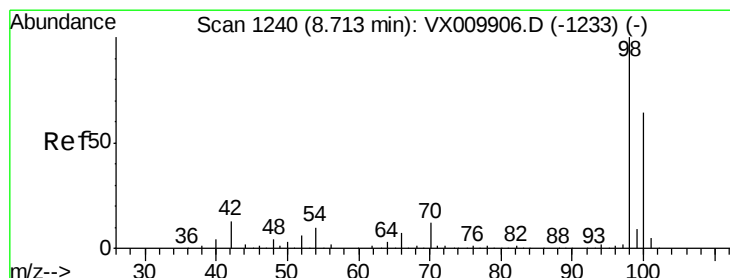
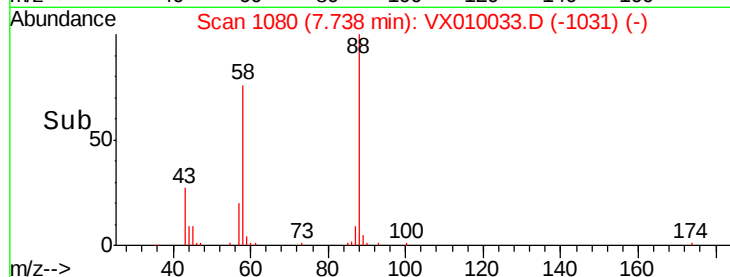
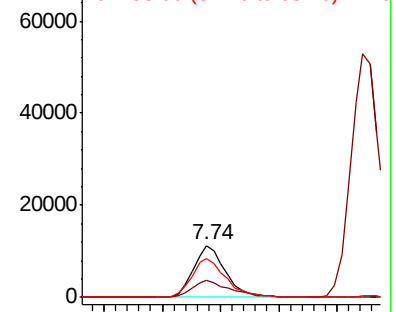


Abundance

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: 48.664 ug/l

RT: 8.71 min Scan# 1240

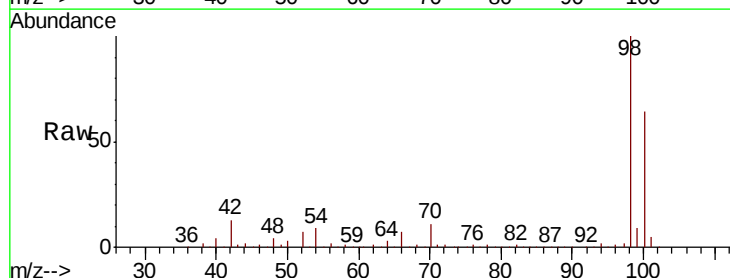
Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Tgt Ion: 98 Resp: 320810

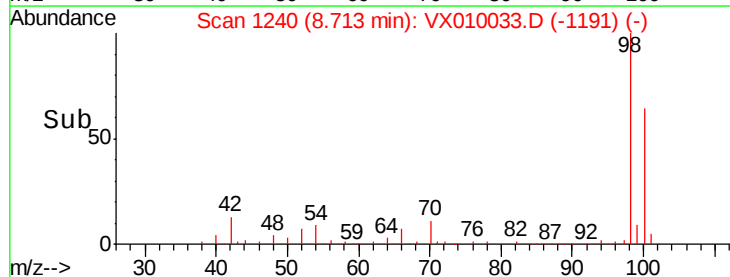
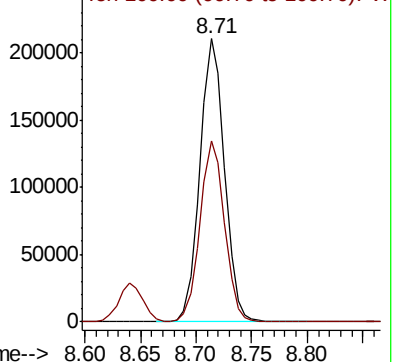
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.5	77.3

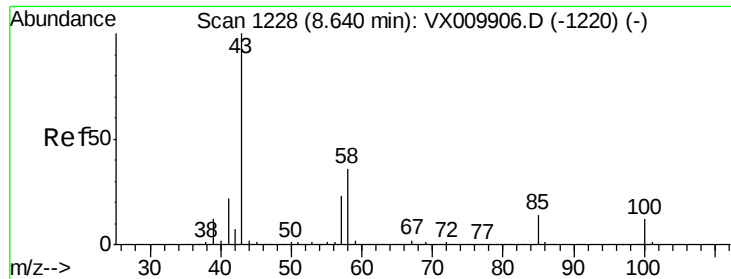


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 95.962 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

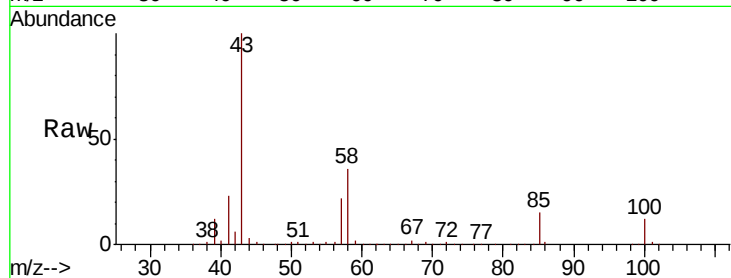
ClientSampleId :

Tot Ion: 43 Resp: 367697

Ion Ratio Lower Upper

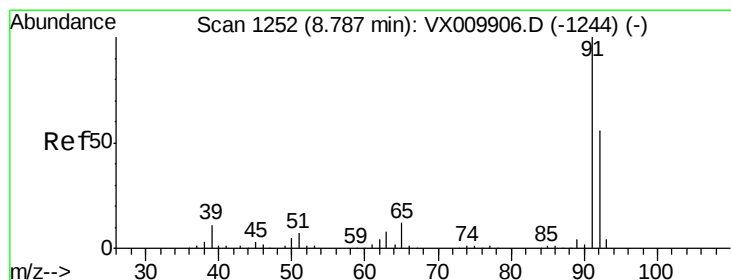
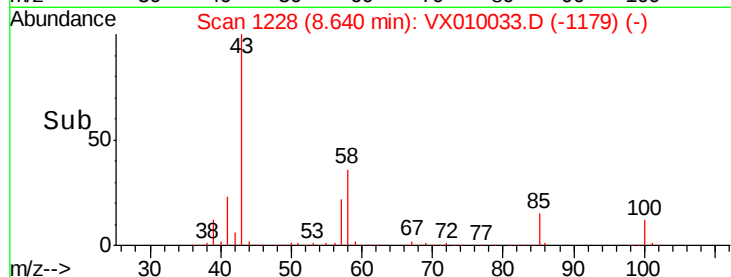
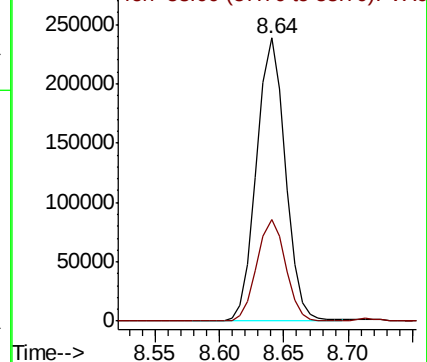
43 100

58 36.0 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.248 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010033.D

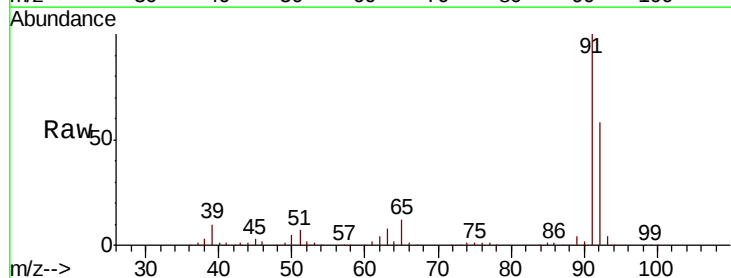
Acq: 03 Jun 2019 14:04

Tgt Ion: 92 Resp: 90826

Ion Ratio Lower Upper

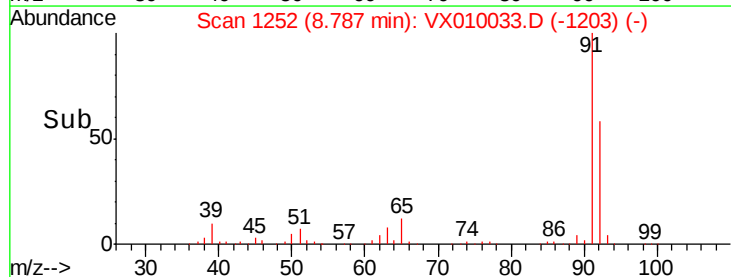
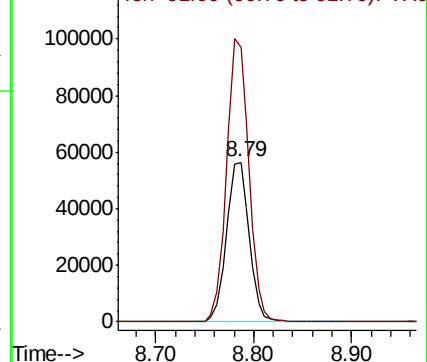
92 100

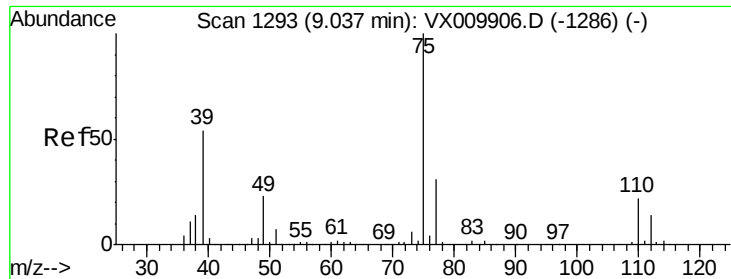
91 174.4 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

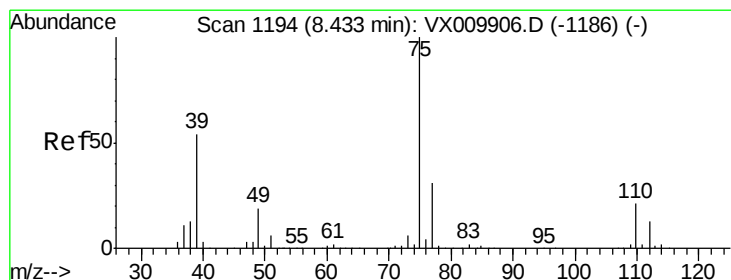
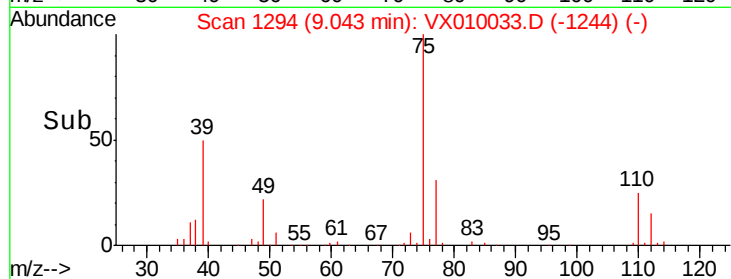
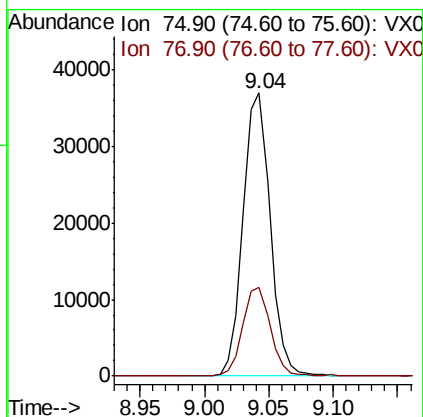
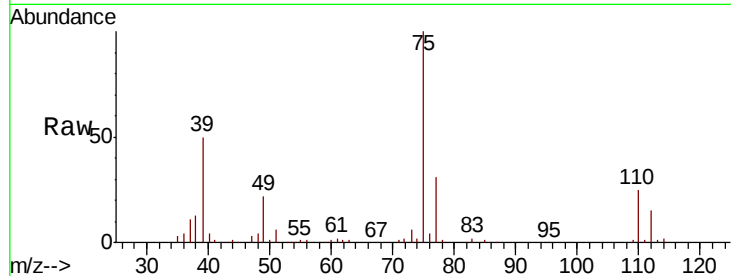




#53
t-1,3-Dichloropropene
Concen: 17.927 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

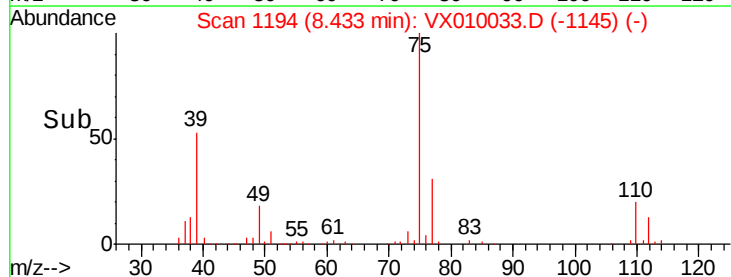
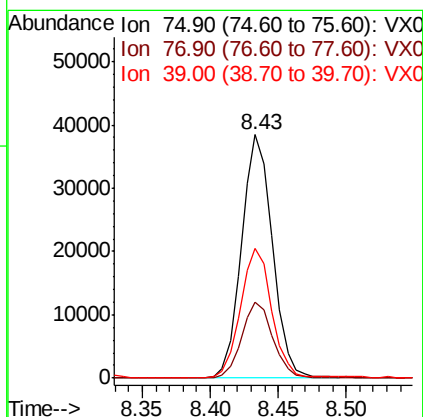
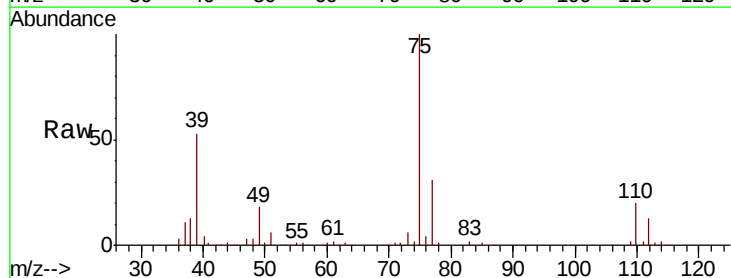
Instrument :
MSVOA_X
ClientSampleId :

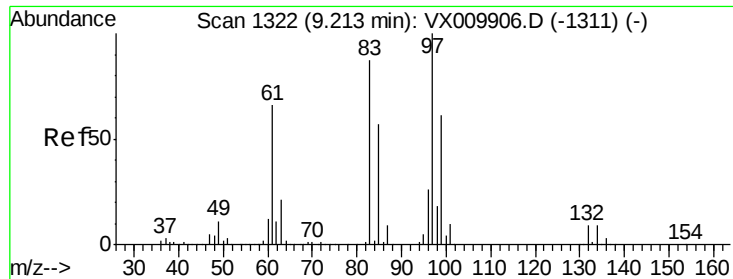
Tot Ion: 75 Resp: 53841
Ion Ratio Lower Upper
75 100
77 31.2 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 18.677 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion: 75 Resp: 61116
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2
39 53.0 43.4 65.0

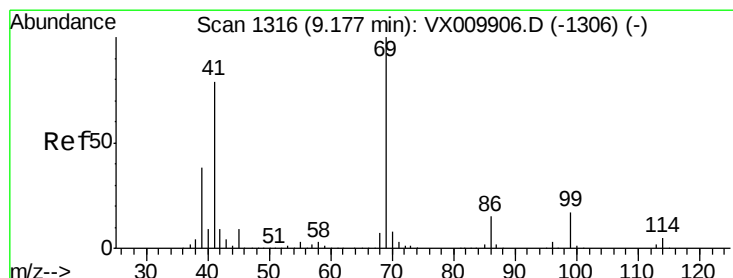
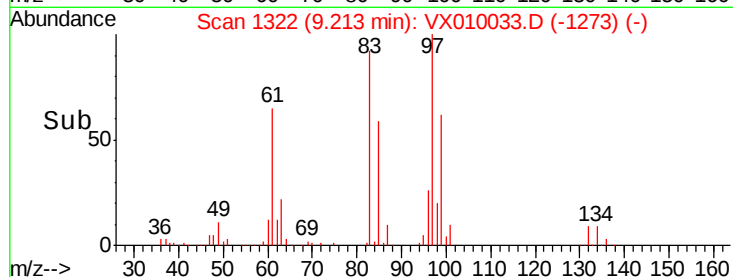
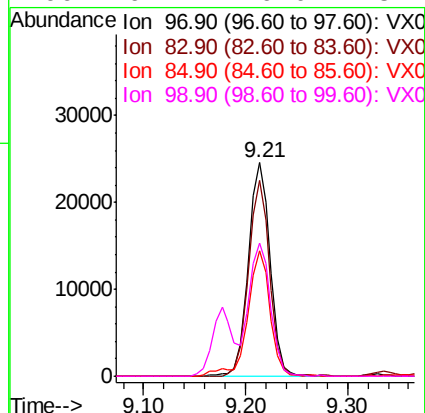
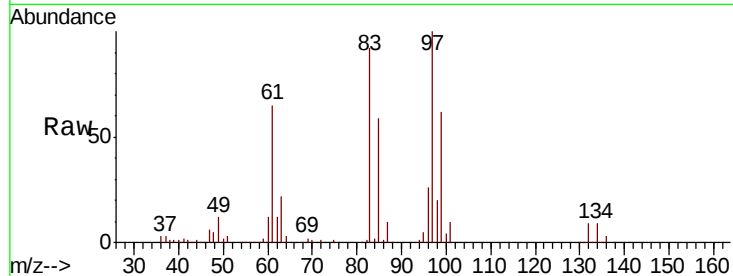




#55
 1,1,2-Trichloroethane
 Concen: 19.238 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

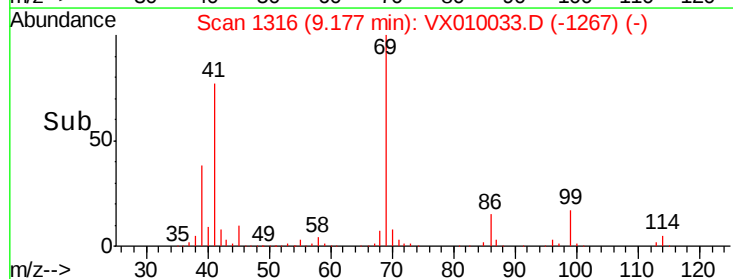
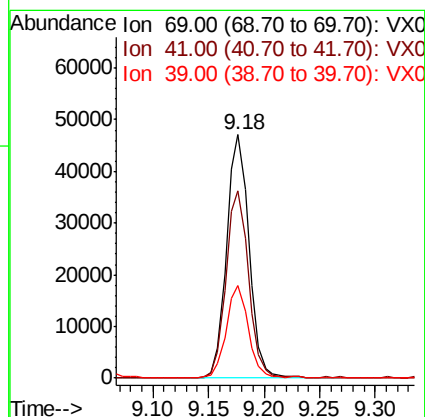
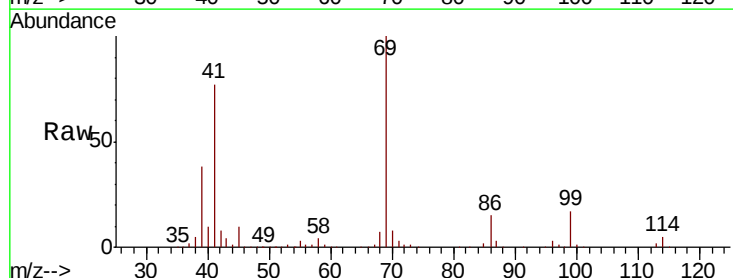
Instrument :
 MSVOA_X
 ClientSampleId :

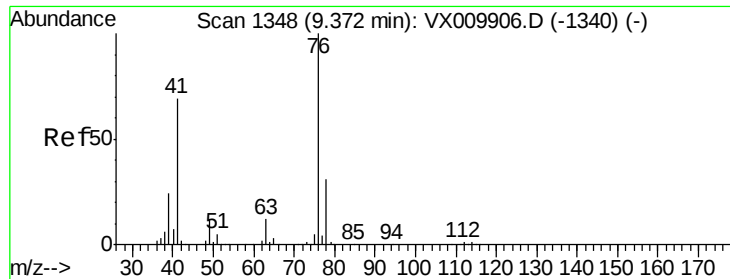
Tot Ion: 97 Resp: 36538
 Ion Ratio Lower Upper
 97 100
 83 91.5 69.8 104.8
 85 58.6 45.3 67.9
 99 62.1 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 19.444 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Tgt Ion: 69 Resp: 65746
 Ion Ratio Lower Upper
 69 100
 41 77.3 62.7 94.1
 39 37.6 29.5 44.3





#57

1,3-Dichloropropane

Concen: 18.787 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

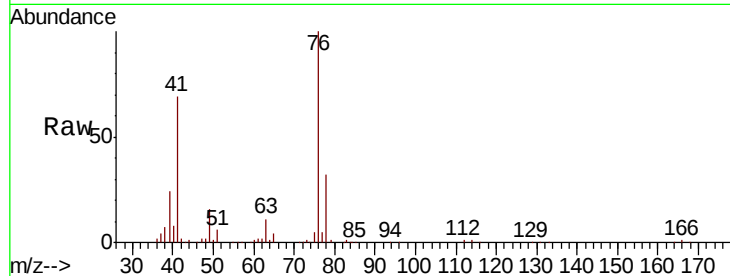
ClientSampleId :

Tot Ion: 76 Resp: 64079

Ion Ratio Lower Upper

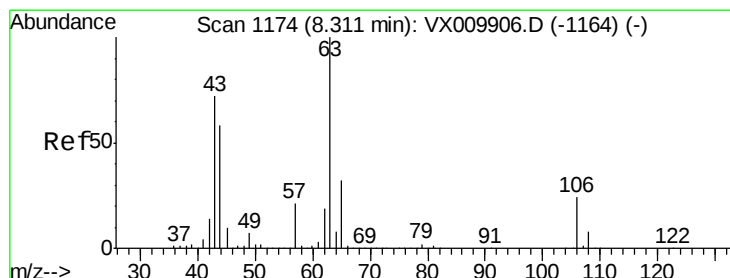
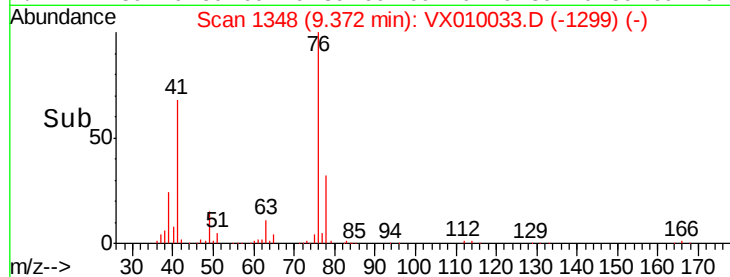
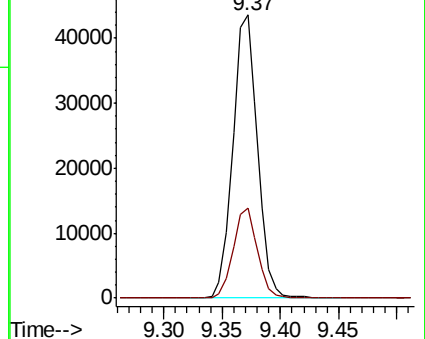
76 100

78 31.4 25.4 38.0



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: 90.254 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010033.D

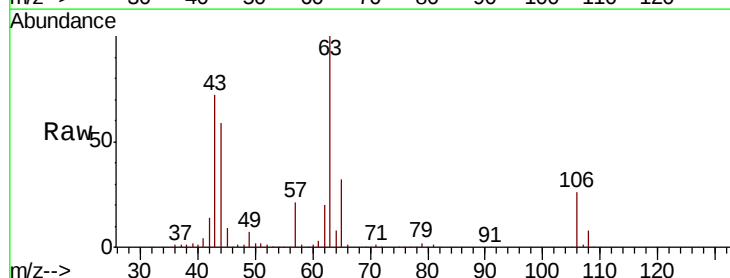
Acq: 03 Jun 2019 14:04

Tgt Ion: 63 Resp: 160024

Ion Ratio Lower Upper

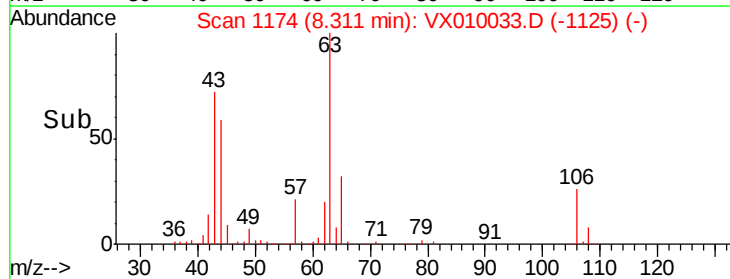
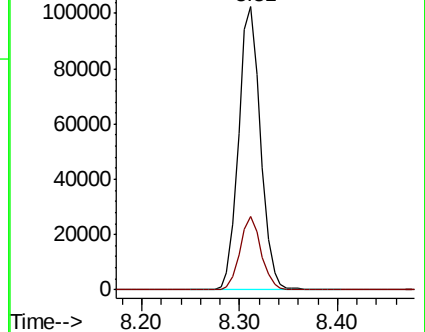
63 100

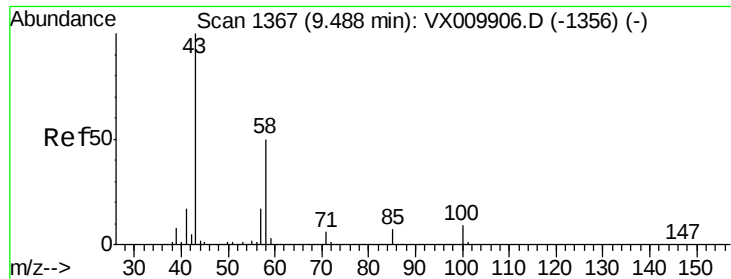
106 25.1 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

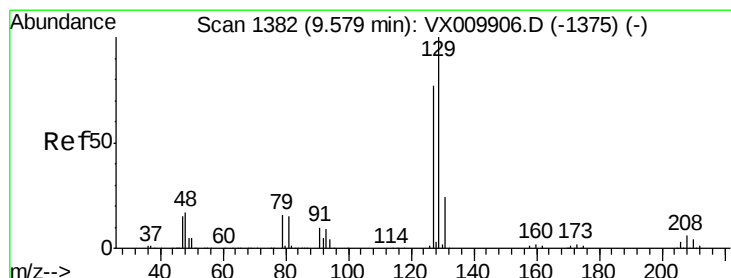
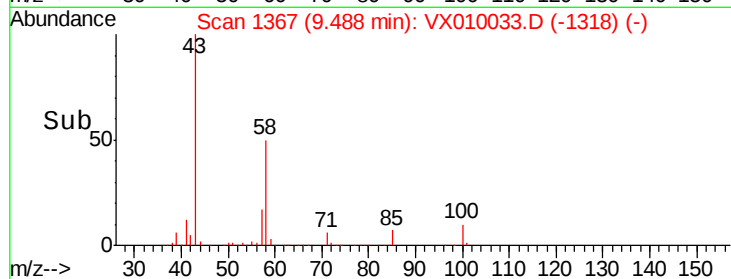
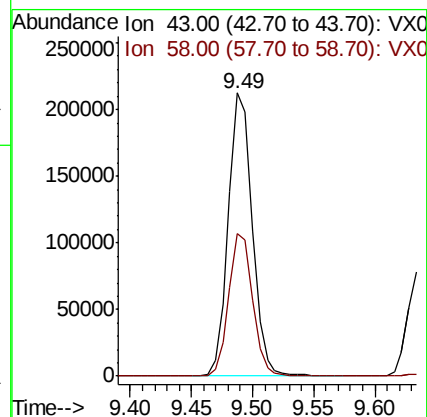
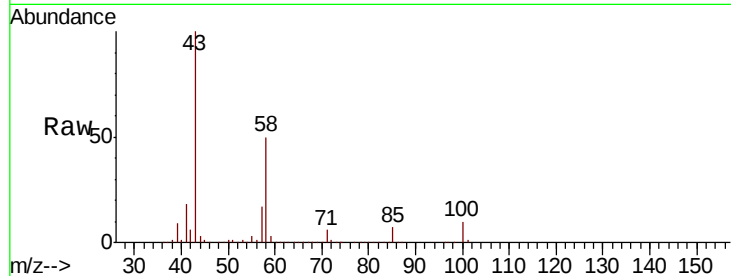




#59
2-Hexanone
Concen: 97.693 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

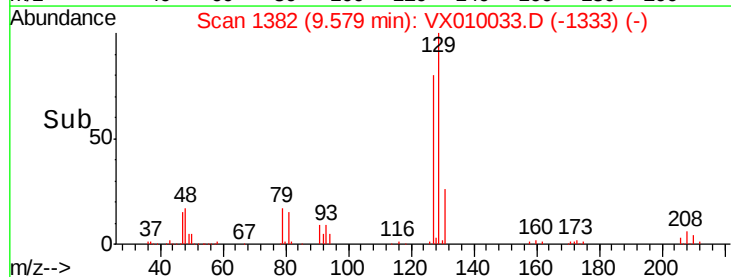
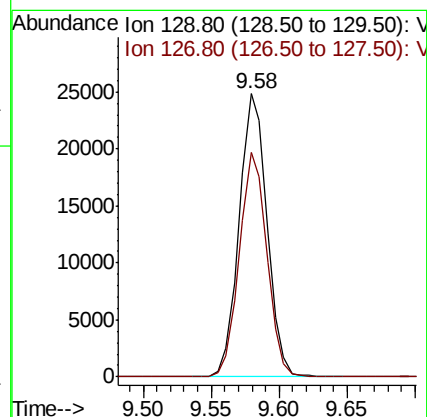
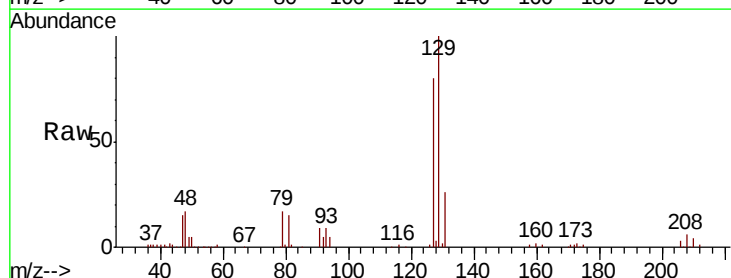
Instrument :
MSVOA_X
ClientSampled :

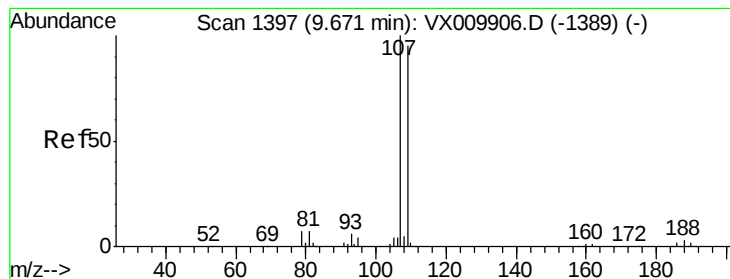
Tot Ion: 43 Resp: 288198
Ion Ratio Lower Upper
43 100
58 50.6 25.1 75.3



#60
Dibromochloromethane
Concen: 18.911 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion: 129 Resp: 35332
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.121 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

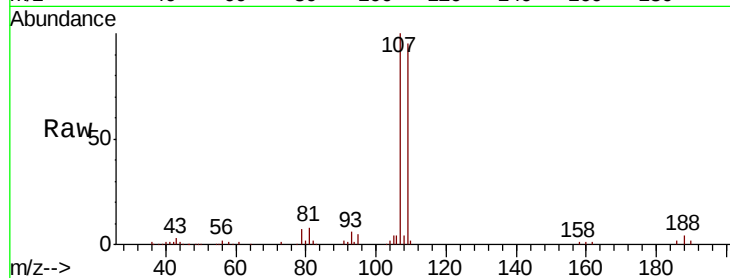
ClientSampleId :

Tot Ion:107 Resp: 37309

Ion Ratio Lower Upper

107 100

109 95.1 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

25000

20000

15000

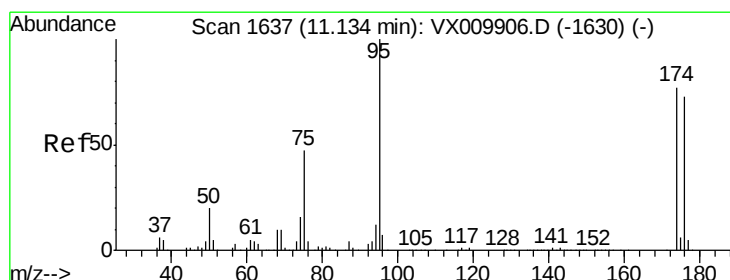
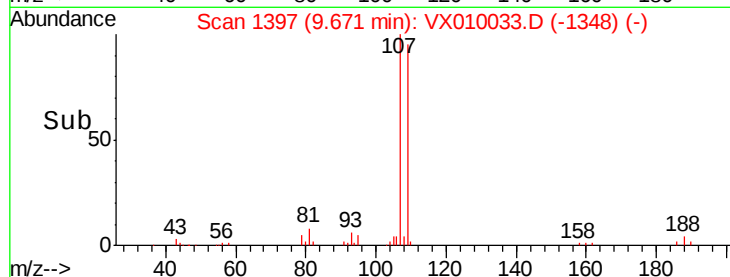
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.662 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

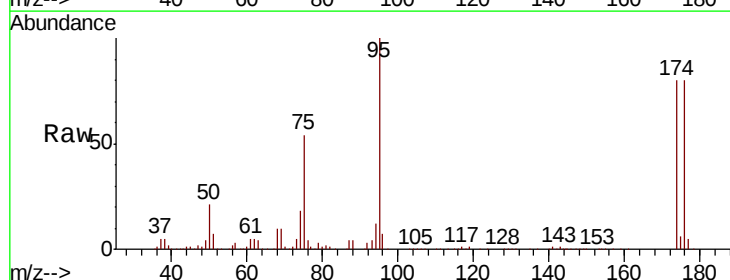
Tgt Ion: 95 Resp: 115225

Ion Ratio Lower Upper

95 100

174 83.0 0.0 160.4

176 81.2 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

120000

100000

80000

60000

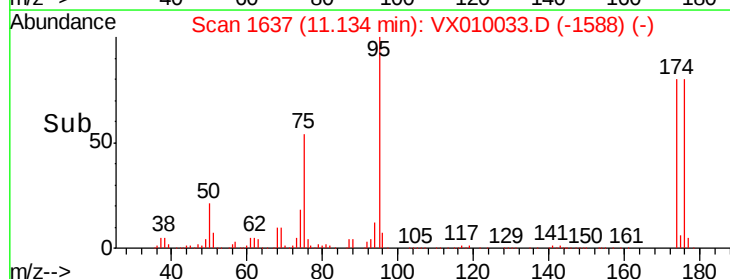
40000

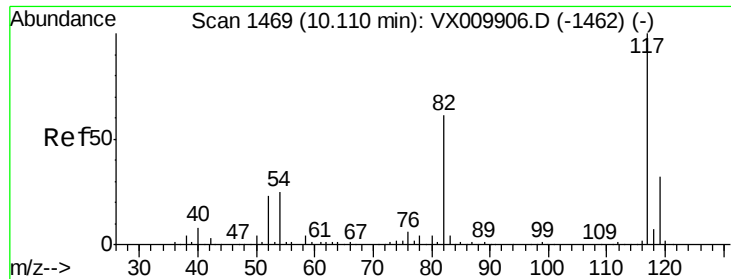
20000

0

Time-->

11.10 11.20

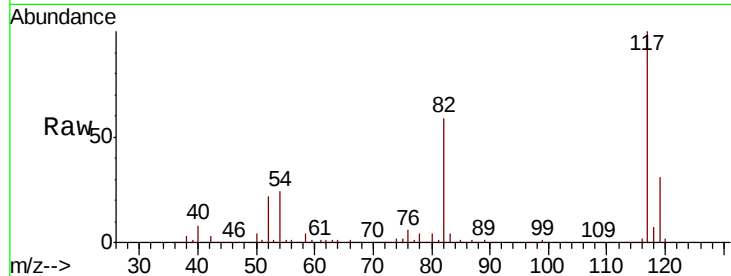




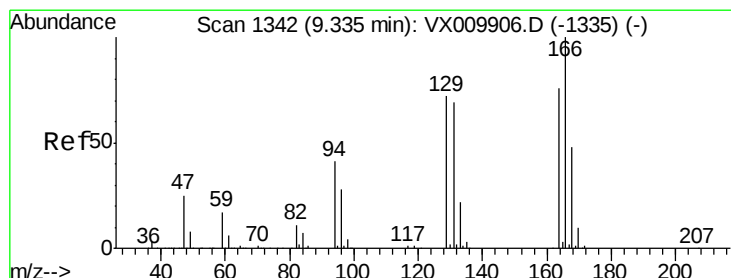
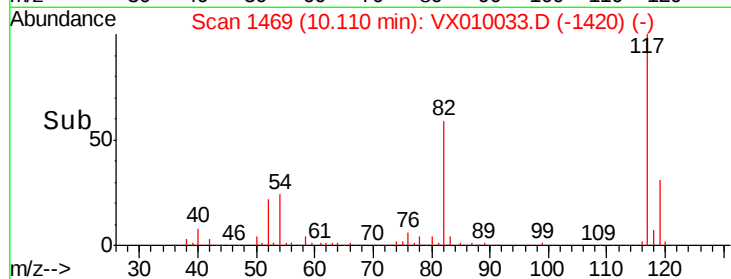
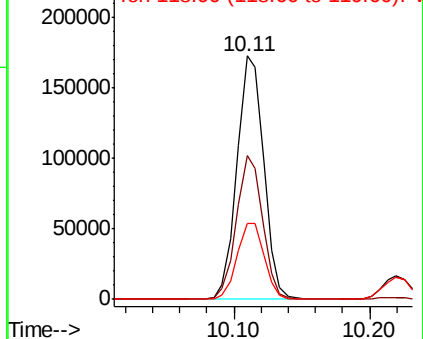
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 236557
Ion Ratio Lower Upper
117 100
82 58.9 49.2 73.8
119 31.4 25.2 37.8

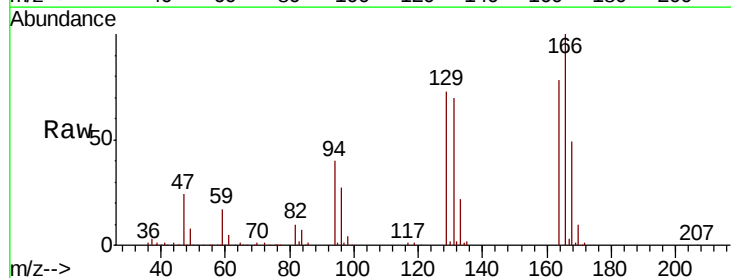


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

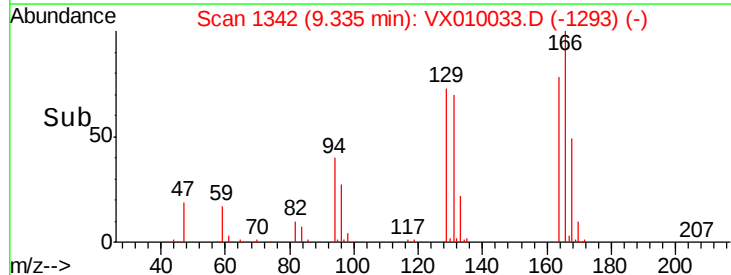
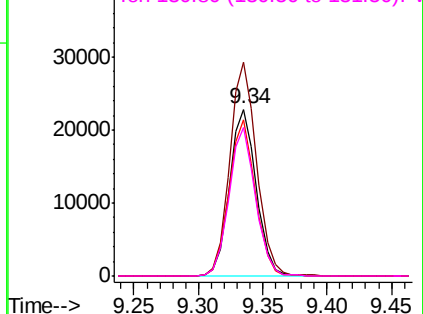


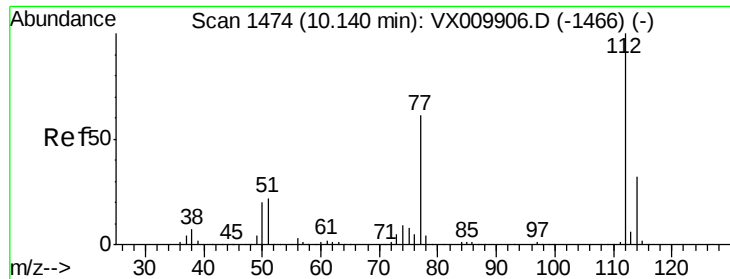
#64
Tetrachloroethene
Concen: 20.002 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion:164 Resp: 33050
Ion Ratio Lower Upper
164 100
166 128.1 105.0 157.4
129 93.5 75.1 112.7
131 89.3 72.2 108.4



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

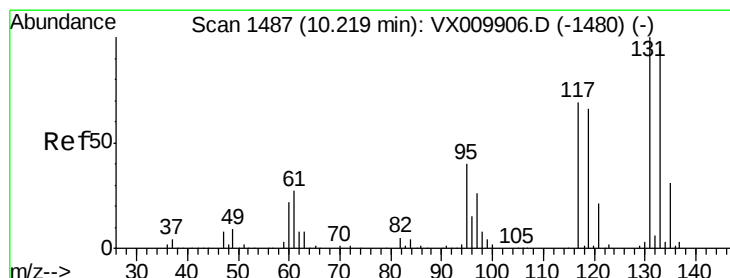
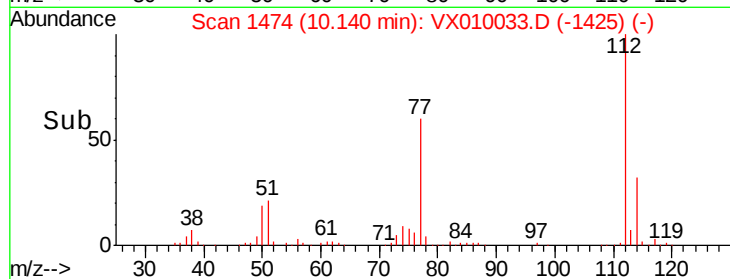
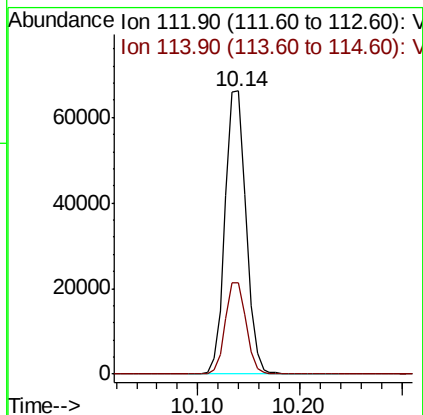
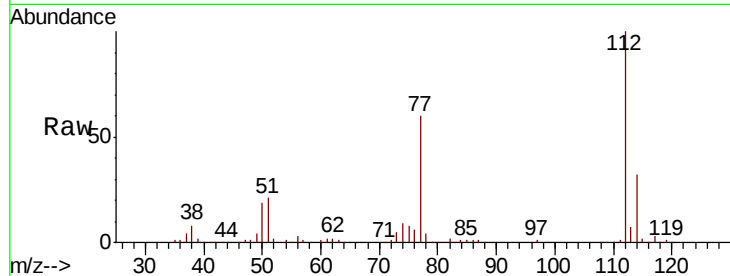




#65
Chlorobenzene
Concen: 19.073 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

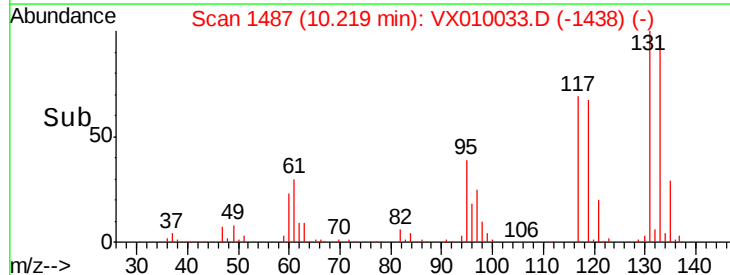
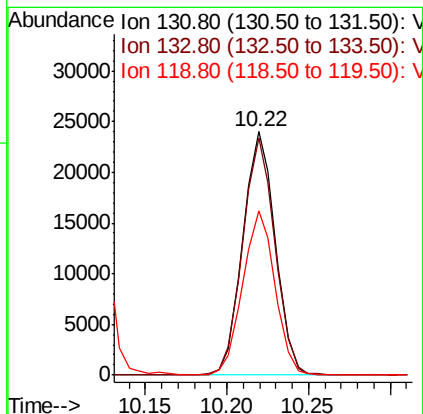
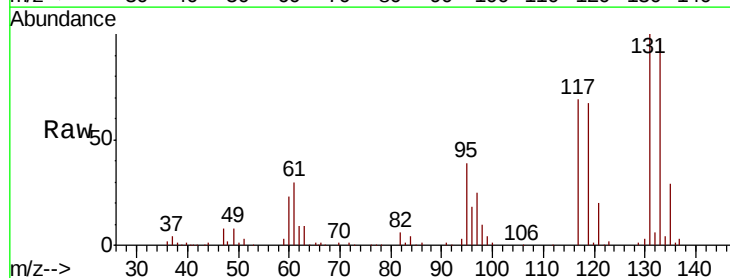
Instrument :
MSVOA_X
ClientSampleId :

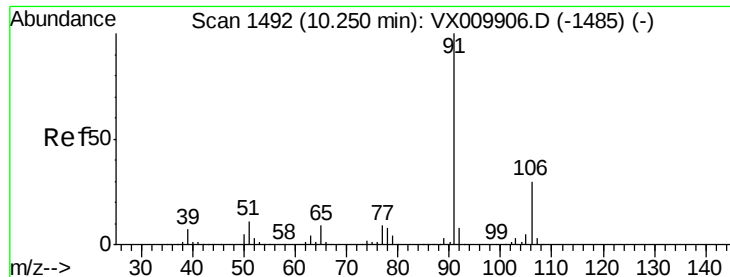
Tot Ion:112 Resp: 94458
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.308 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion:131 Resp: 33165
Ion Ratio Lower Upper
131 100
133 97.6 47.5 142.6
119 67.5 33.4 100.1





#67

Ethyl Benzene

Concen: 19.234 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

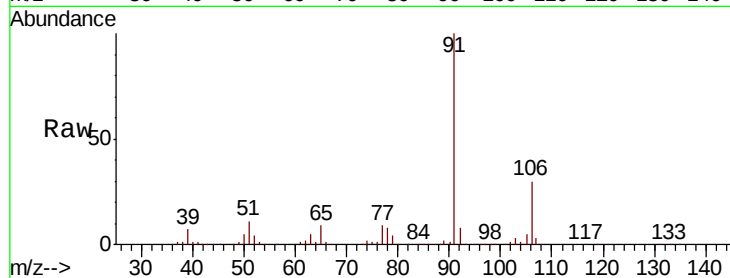
ClientSampleId :

Tot Ion: 91 Resp: 171027

Ion Ratio Lower Upper

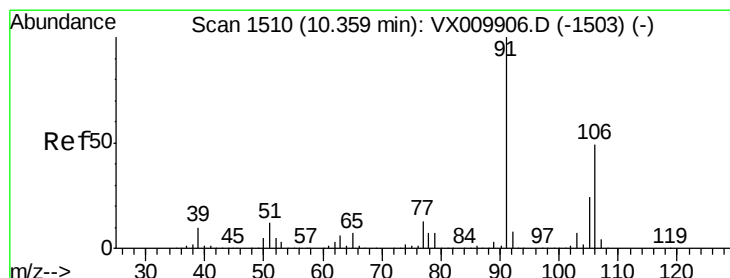
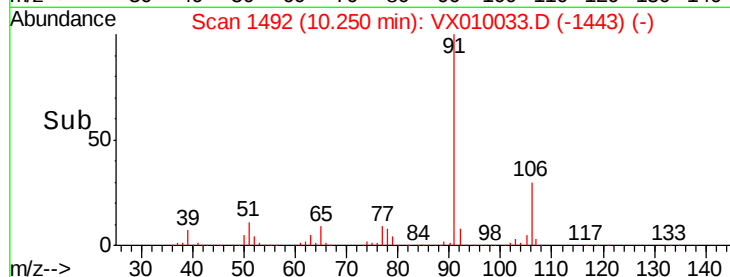
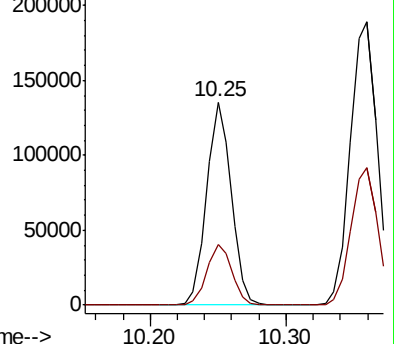
91 100

106 29.5 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.380 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010033.D

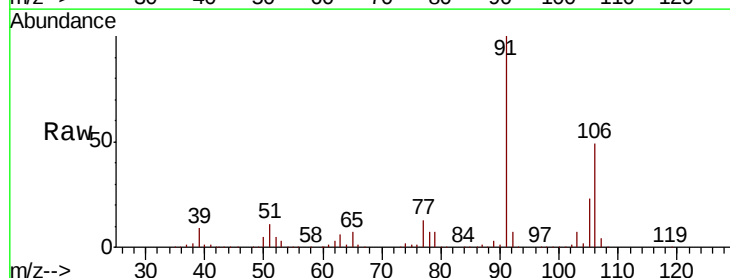
Acq: 03 Jun 2019 14:04

Tgt Ion: 106 Resp: 126078

Ion Ratio Lower Upper

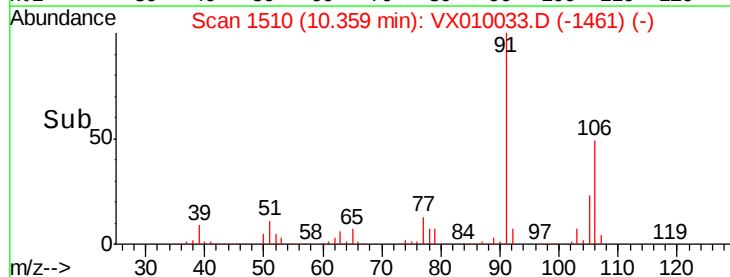
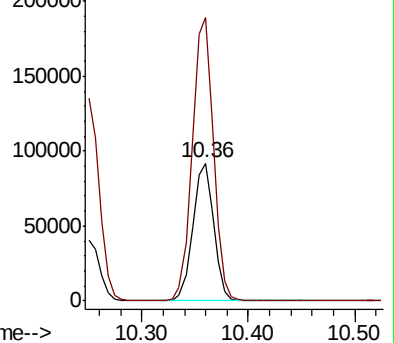
106 100

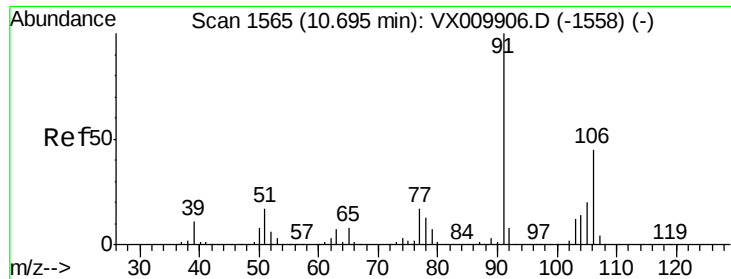
91 208.2 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

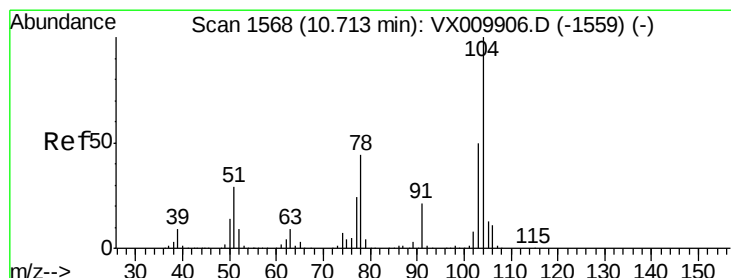
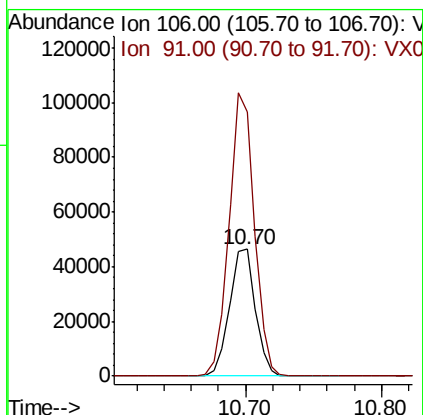
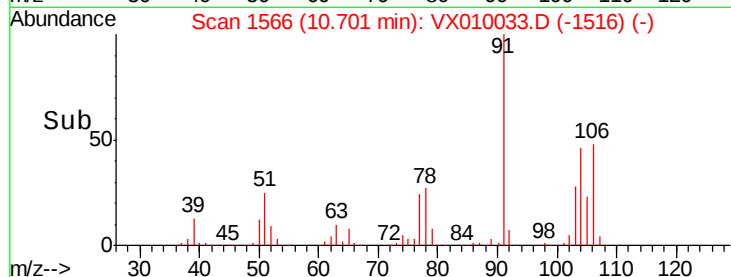
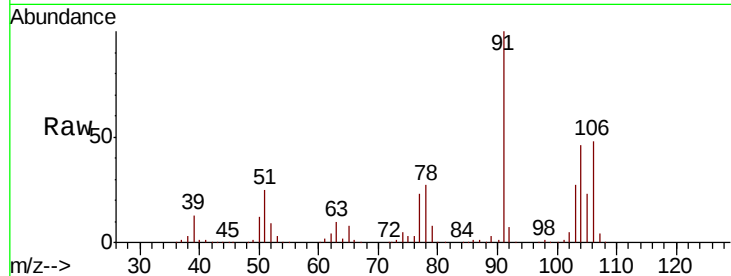




#69
o-Xylene
Concen: 19.518 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

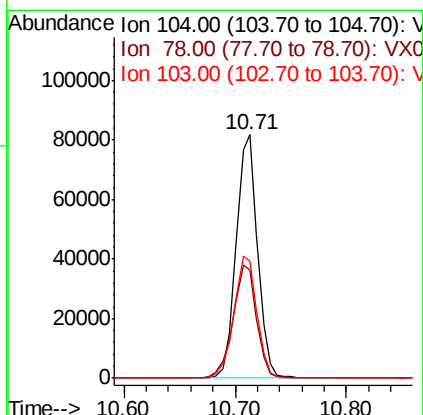
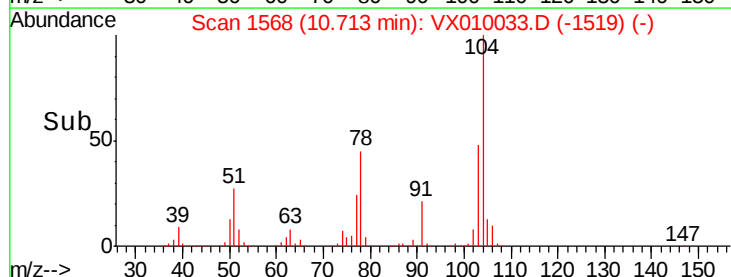
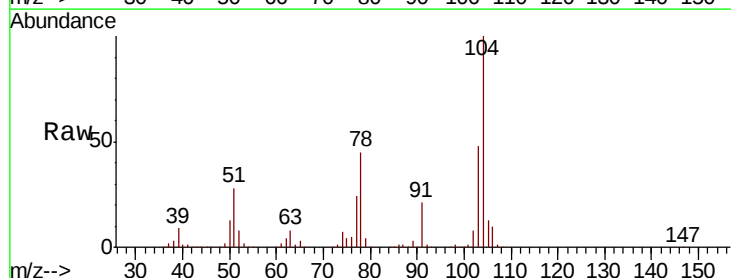
Instrument :
MSVOA_X
ClientSampled :

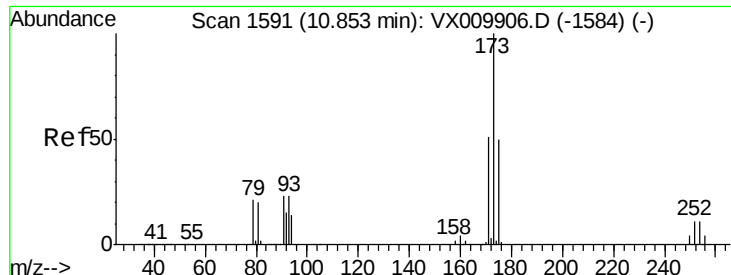
Tot Ion:106 Resp: 61491
Ion Ratio Lower Upper
106 100
91 218.3 110.4 331.2



#70
Styrene
Concen: 19.598 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion:104 Resp: 108266
Ion Ratio Lower Upper
104 100
78 51.1 42.1 63.1
103 54.5 44.1 66.1





#71

Bromoform

Concen: 19.444 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampled :

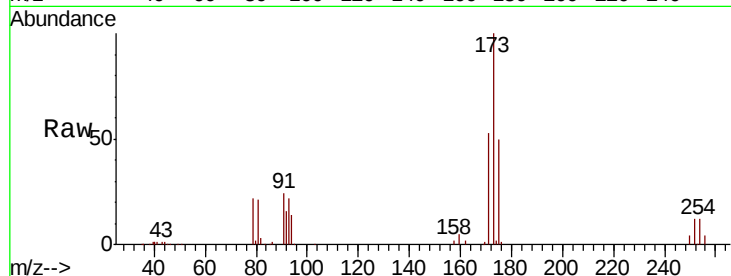
Tot Ion:173 Resp: 27300

Ion Ratio Lower Upper

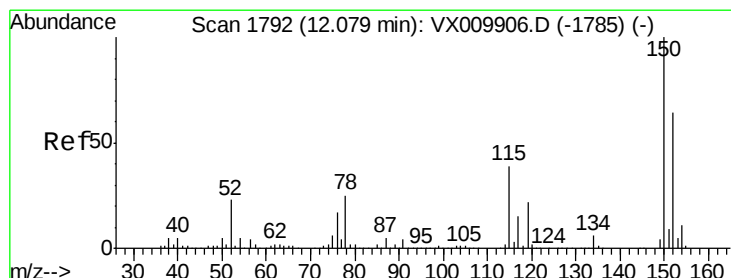
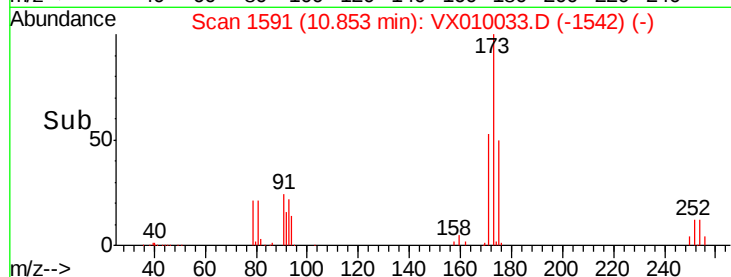
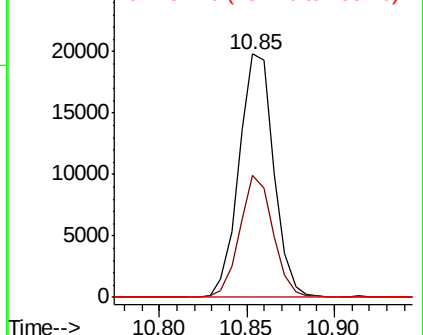
173 100

175 47.9 25.0 75.0

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: VX010033.D

Acq: 03 Jun 2019 14:04

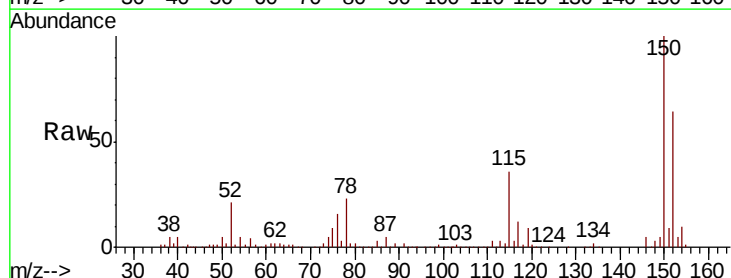
Tgt Ion:152 Resp: 115243

Ion Ratio Lower Upper

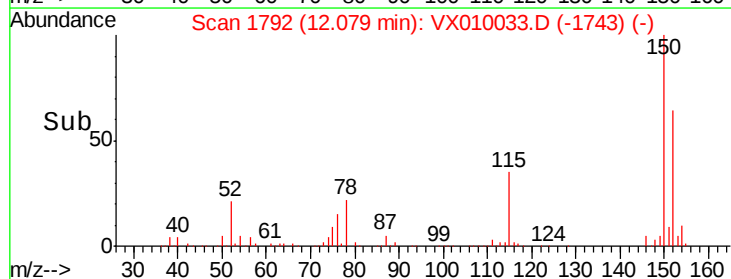
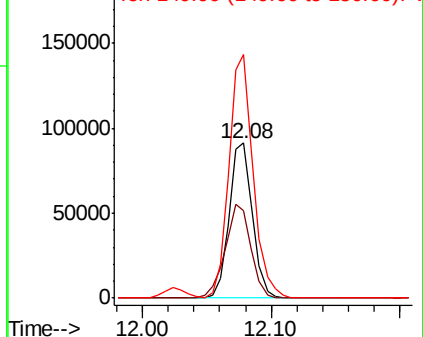
152 100

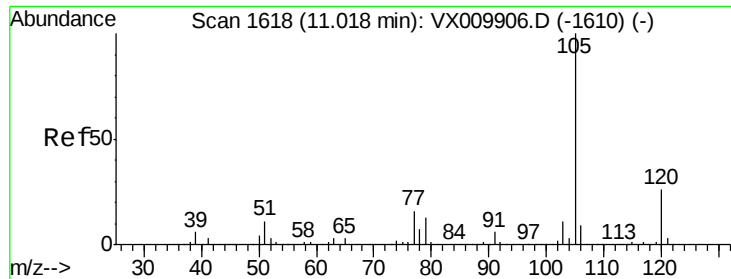
115 67.2 41.4 124.2

150 162.8 0.0 345.2



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: 19.452 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

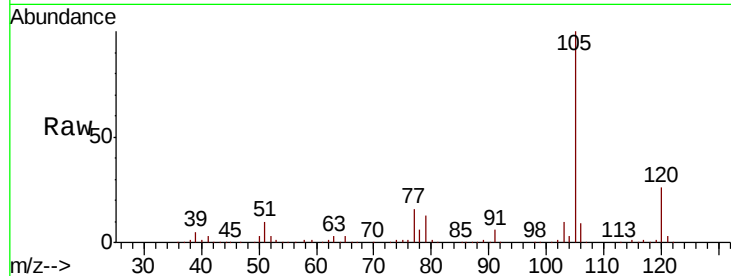
ClientSampleId :

Tot Ion:105 Resp: 165402

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

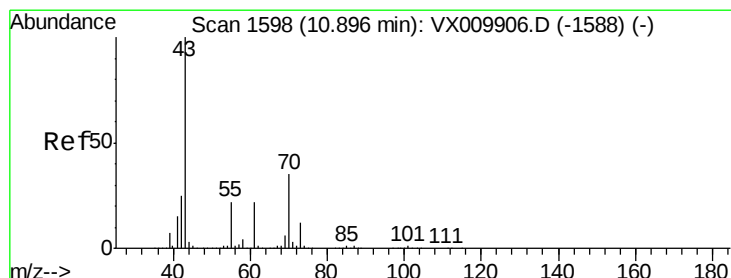
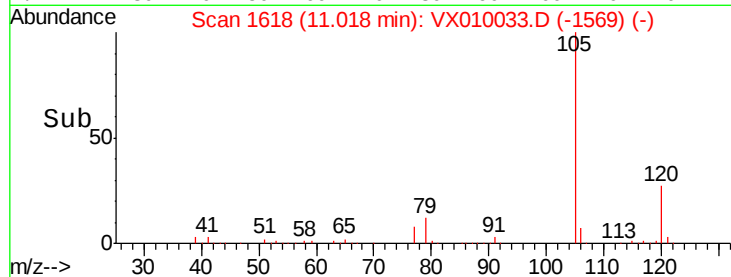
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.910 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Tgt Ion: 43 Resp: 96078

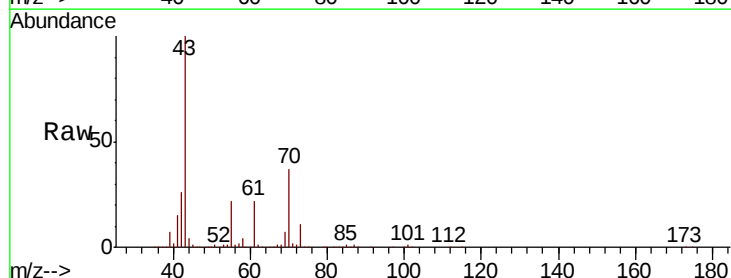
Ion Ratio Lower Upper

43 100

70 36.9 28.6 43.0

55 22.7 17.8 26.8

61 22.2 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

120000

100000

80000

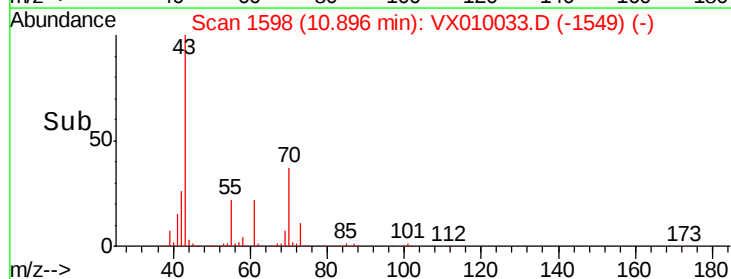
60000

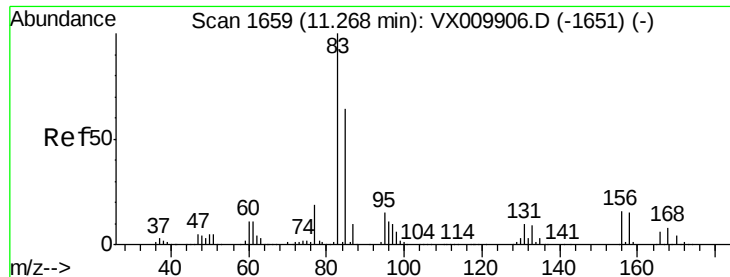
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.234 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

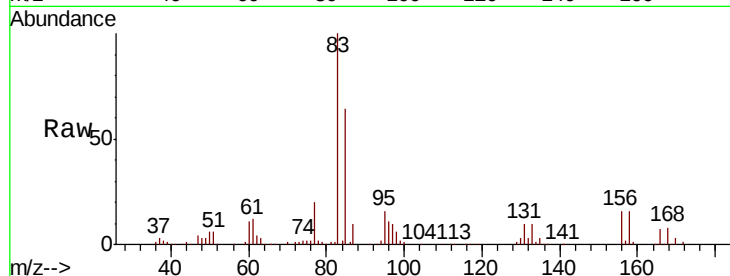
Tot Ion: 83 Resp: 61013

Ion Ratio Lower Upper

83 100

131 9.8 4.7 14.1

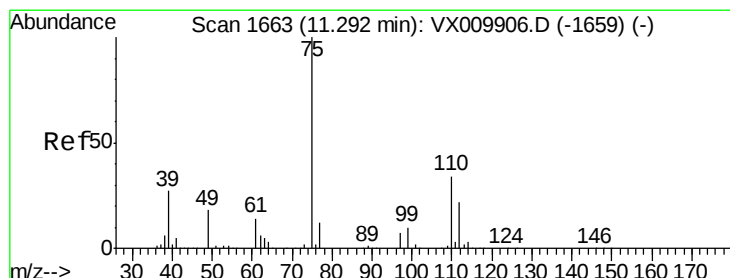
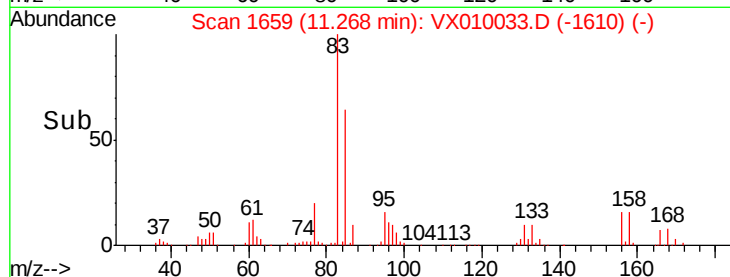
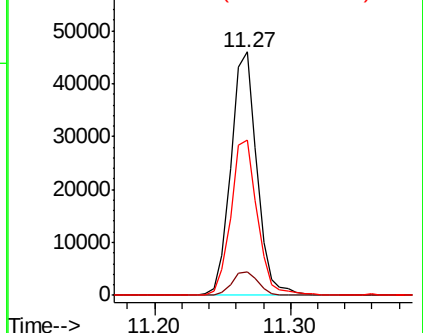
85 65.1 31.9 95.9



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: 25.571 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010033.D

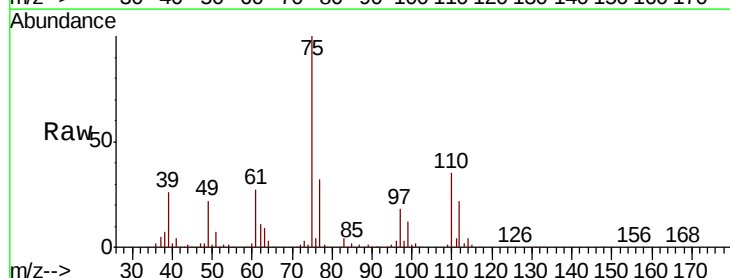
Acq: 03 Jun 2019 14:04

Tgt Ion: 75 Resp: 70470

Ion Ratio Lower Upper

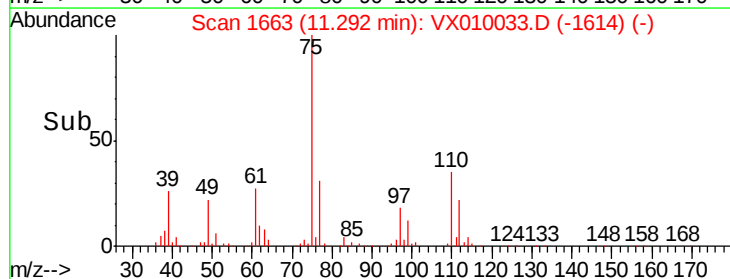
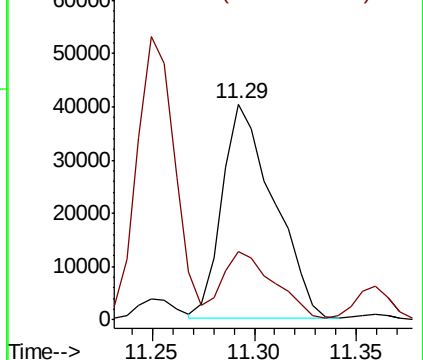
75 100

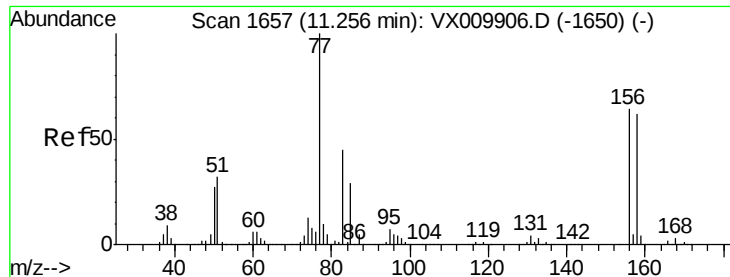
77 32.3 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.295 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

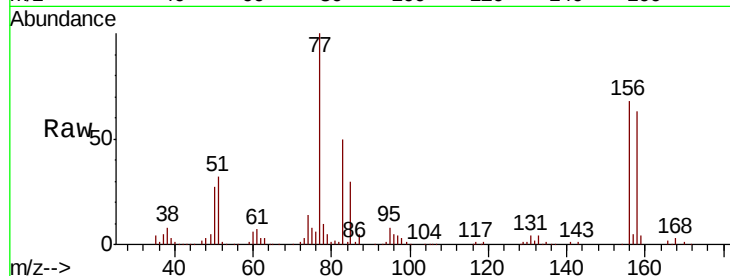
Tot Ion:156 Resp: 41811

Ion Ratio Lower Upper

156 100

77 164.8 86.8 260.3

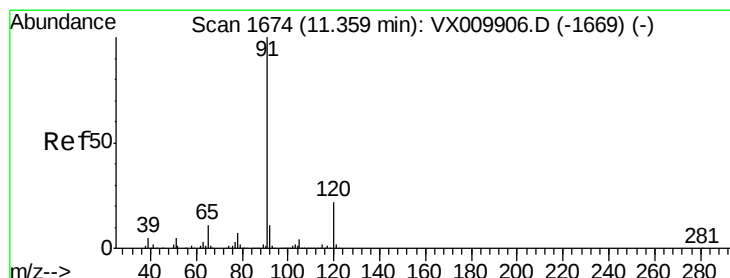
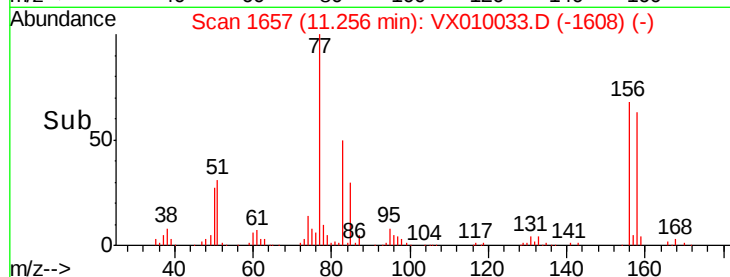
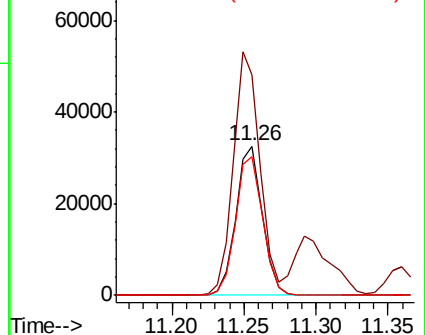
158 95.6 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.193 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010033.D

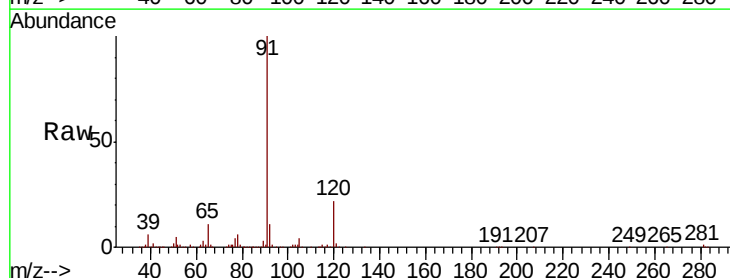
Acq: 03 Jun 2019 14:04

Tgt Ion: 91 Resp: 188105

Ion Ratio Lower Upper

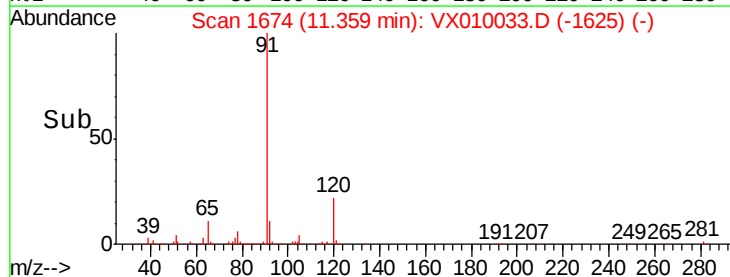
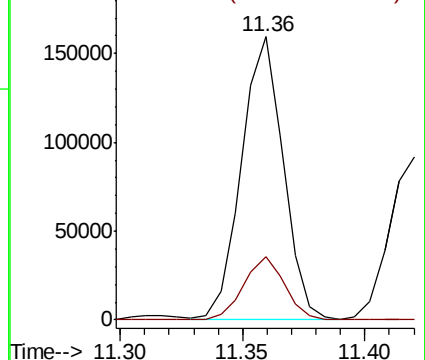
91 100

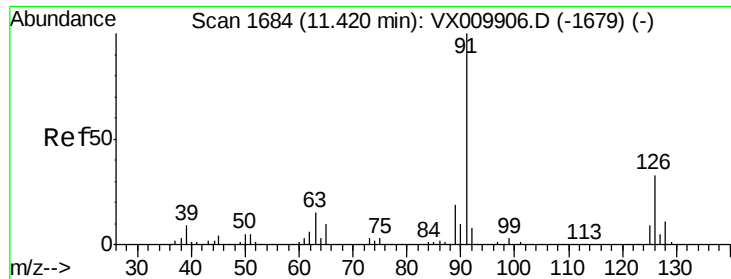
120 22.1 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.124 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

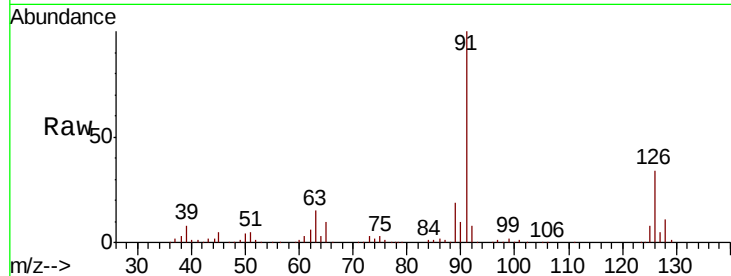
ClientSampleId :

Tot Ion: 91 Resp: 114516

Ion Ratio Lower Upper

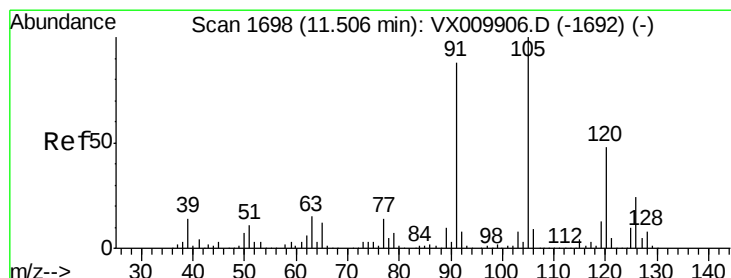
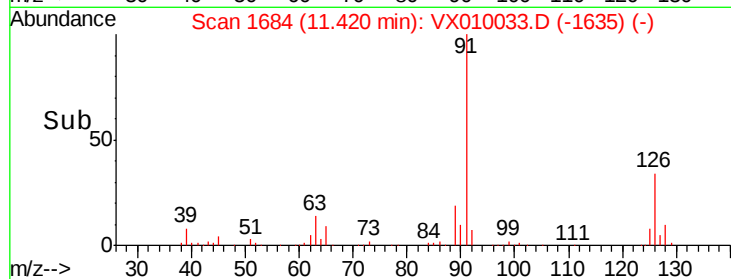
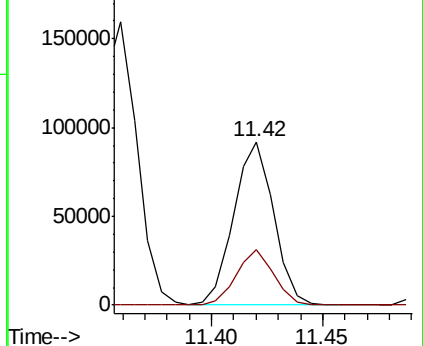
91 100

126 32.3 16.1 48.3



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: 19.448 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010033.D

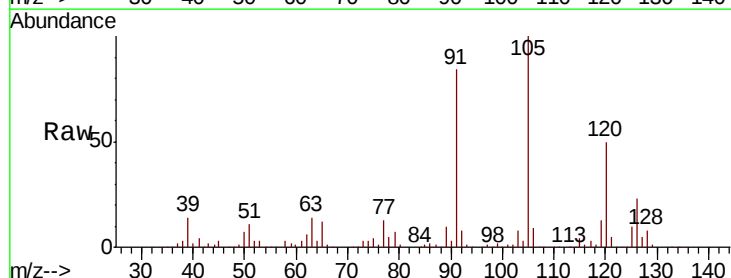
Acq: 03 Jun 2019 14:04

Tgt Ion:105 Resp: 139313

Ion Ratio Lower Upper

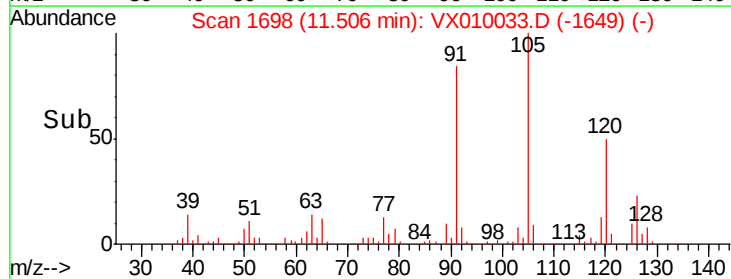
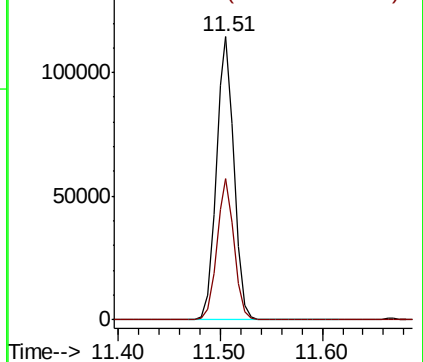
105 100

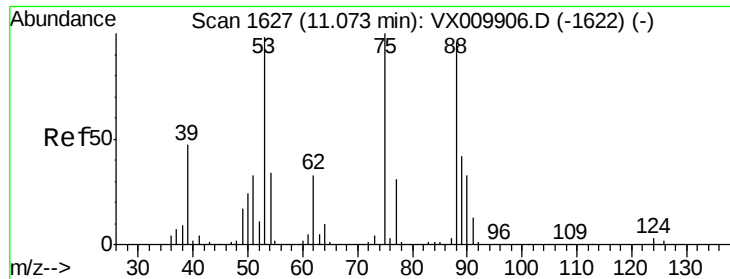
120 48.4 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.871 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010033.D

Acq: 03 Jun 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

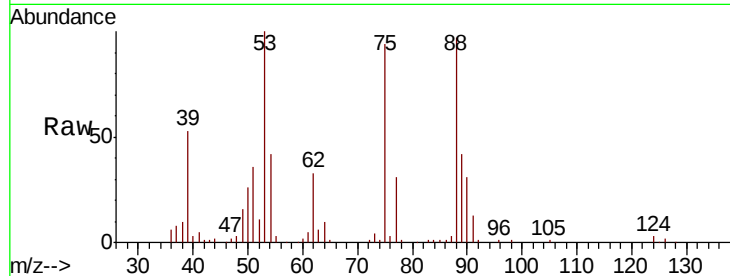
Tot Ion: 75 Resp: 19905

Ion Ratio Lower Upper

75 100

53 105.7 79.8 119.6

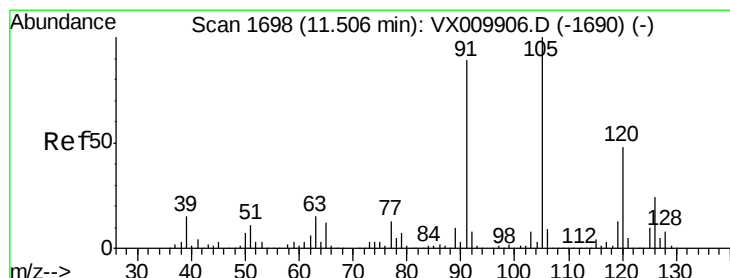
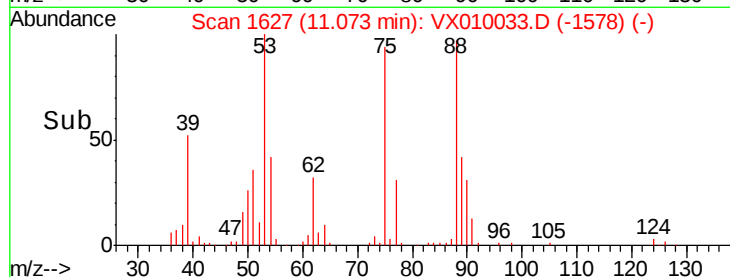
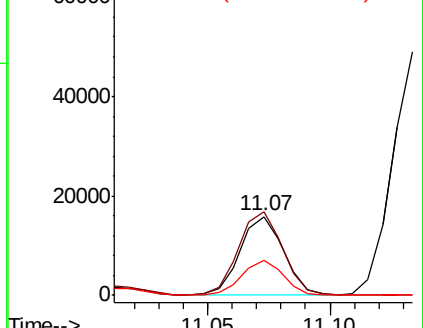
89 43.5 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.532 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX010033.D

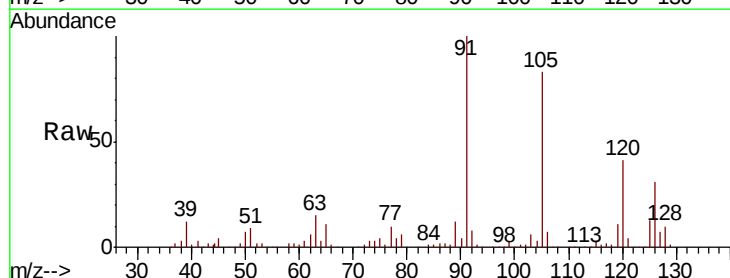
Acq: 03 Jun 2019 14:04

Tgt Ion: 91 Resp: 129181

Ion Ratio Lower Upper

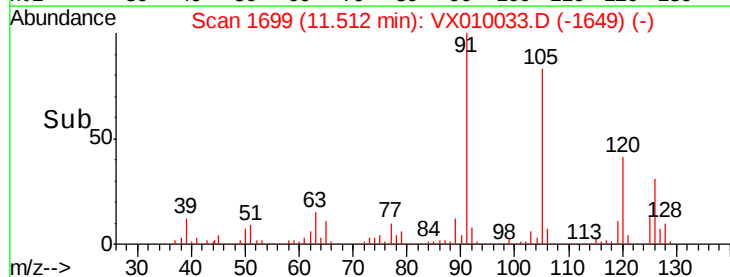
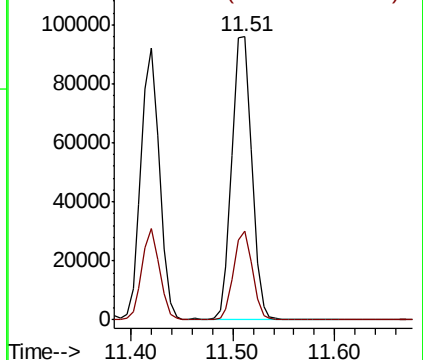
91 100

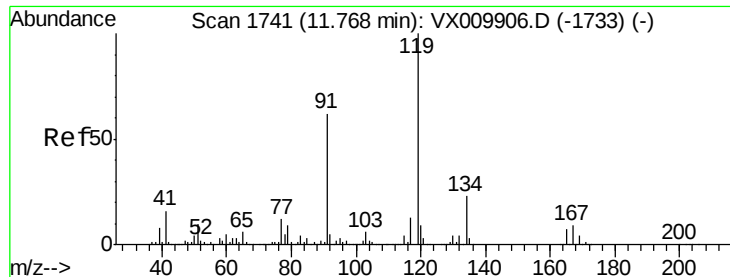
126 29.6 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

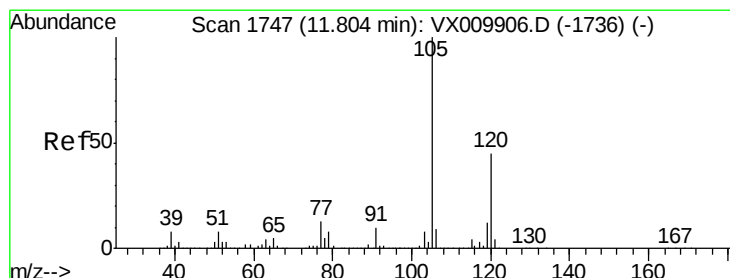
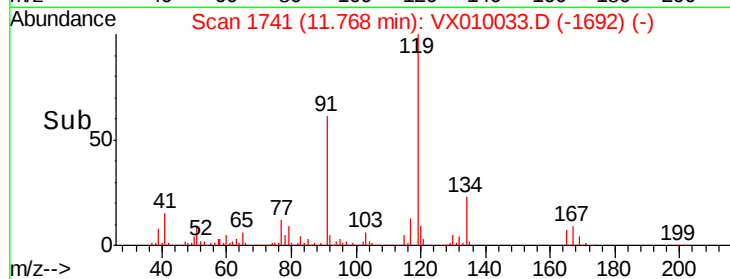
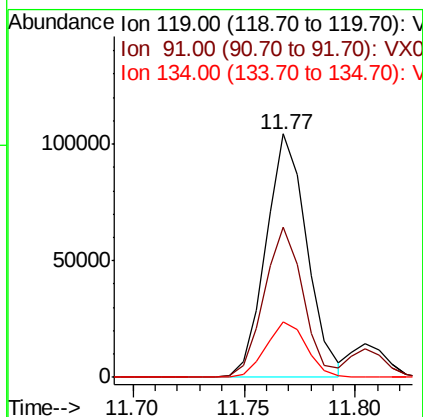
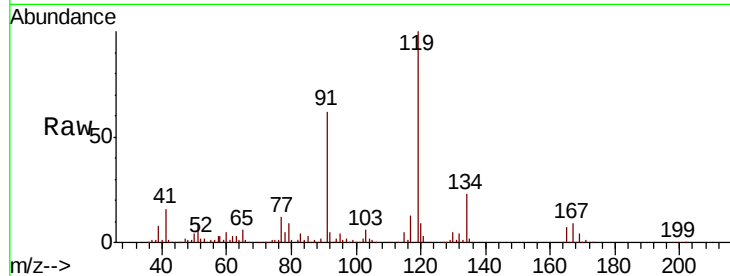




#83
tert-Butylbenzene
Concen: 19.446 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

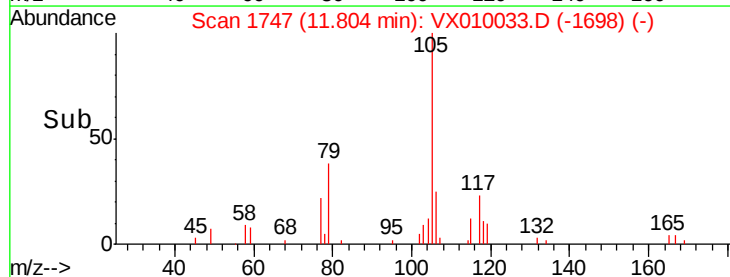
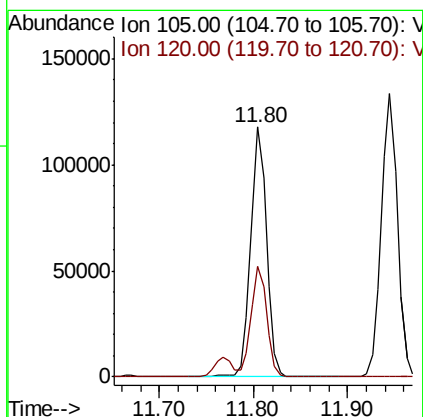
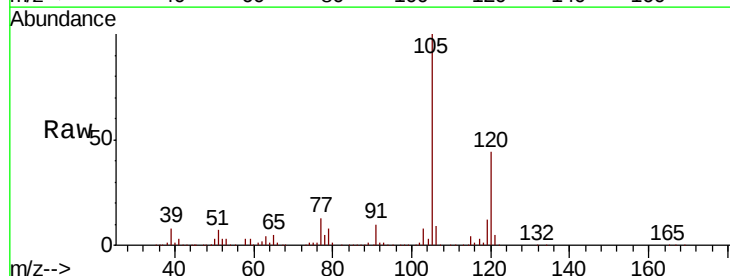
Instrument :
MSVOA_X
ClientSampled :

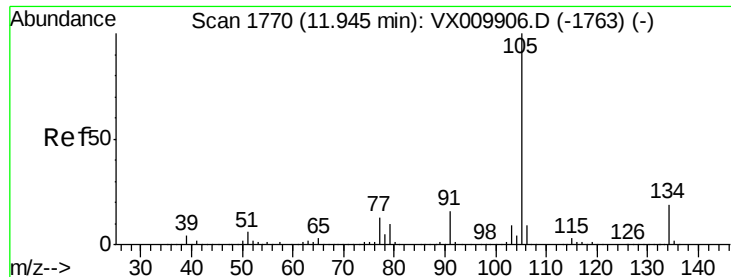
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.4	30.0	90.0
134	22.7	11.2	33.5



#84
1,2,4-Trimethylbenzene
Concen: 19.296 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.2	22.1	66.1

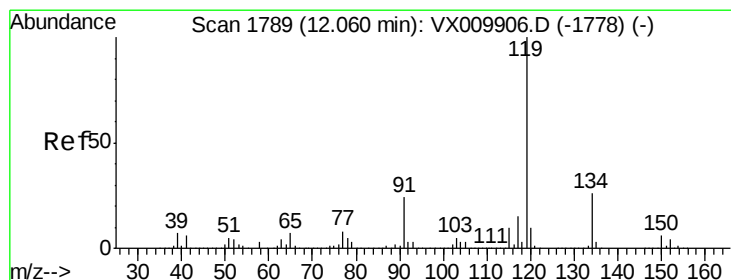
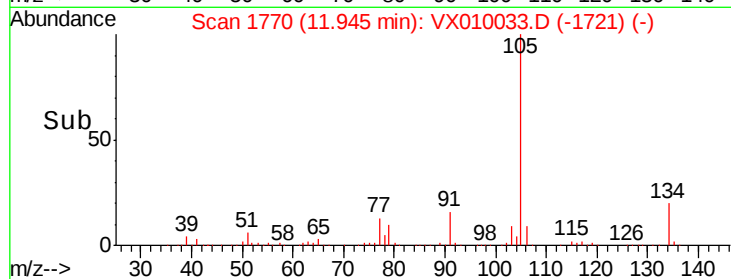
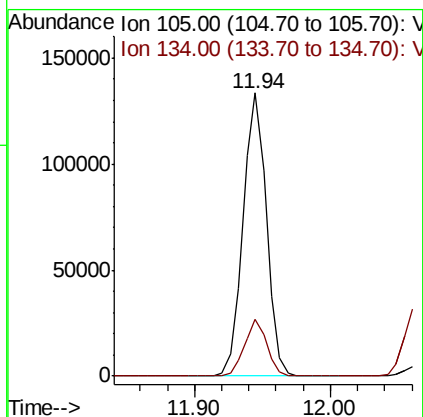
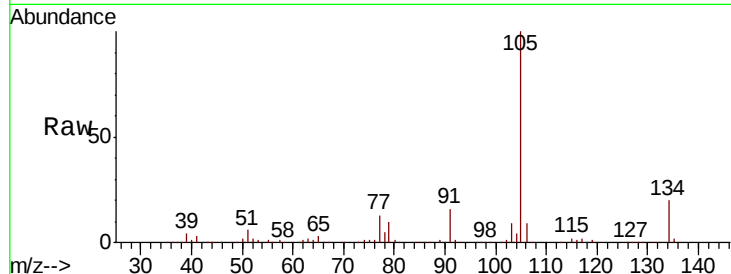




#85
 sec-Butylbenzene
 Concen: 19.565 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

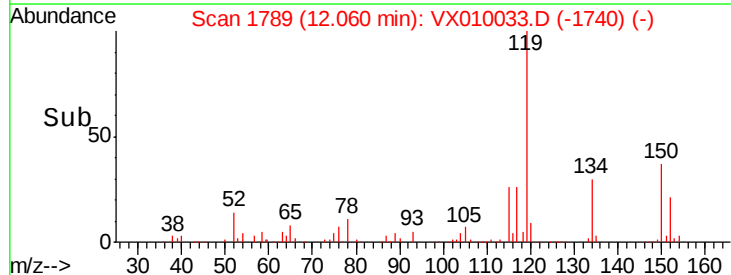
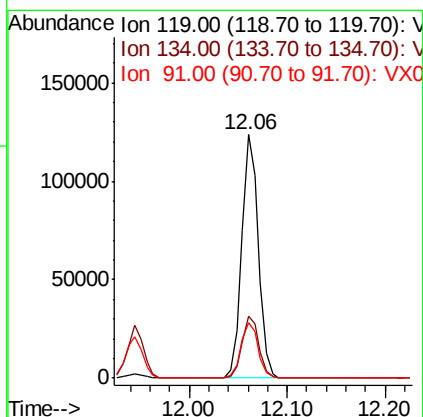
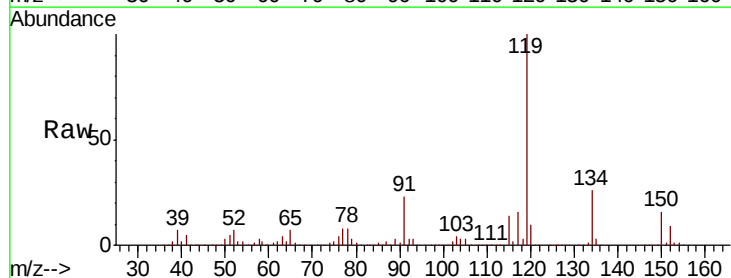
Instrument :
 MSVOA_X
 ClientSampled :

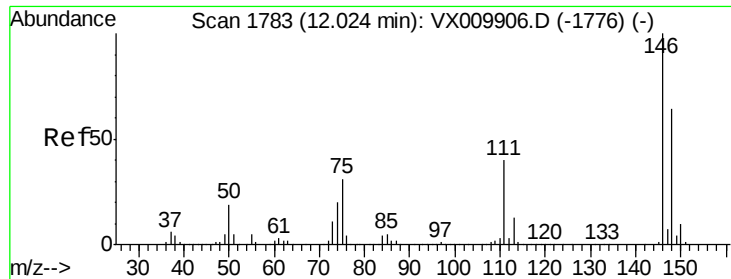
Tot Ion:105 Resp: 159518
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 19.730 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Tgt Ion:119 Resp: 144686
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 23.7 11.9 35.9

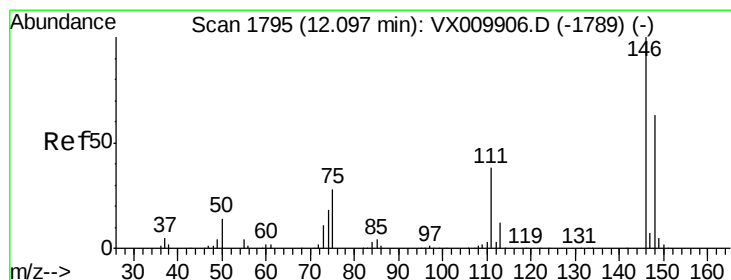
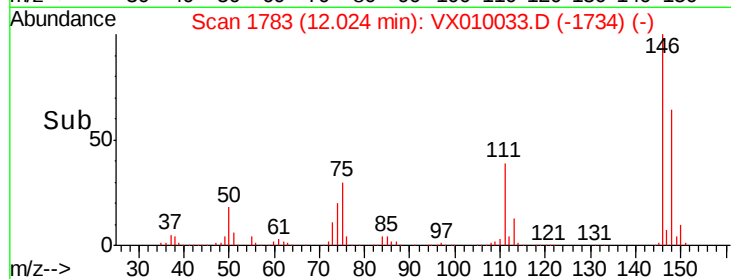
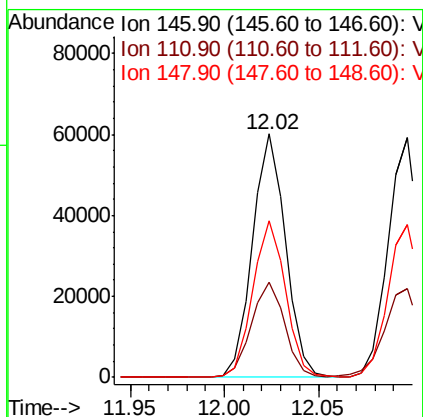
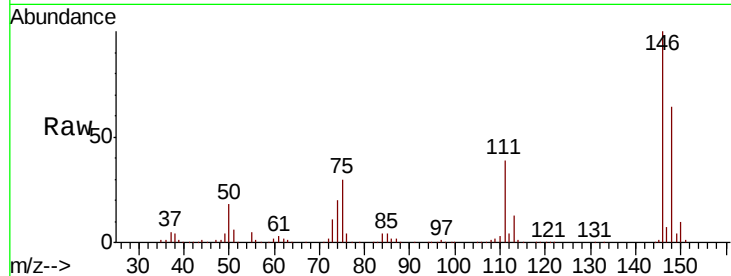




#87
 1,3-Dichlorobenzene
 Concen: 18.965 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

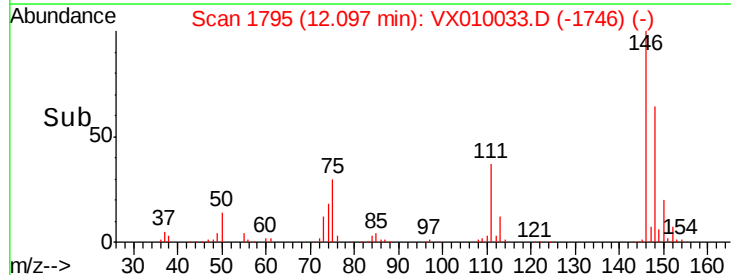
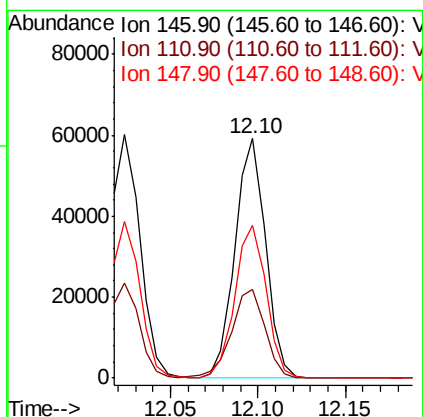
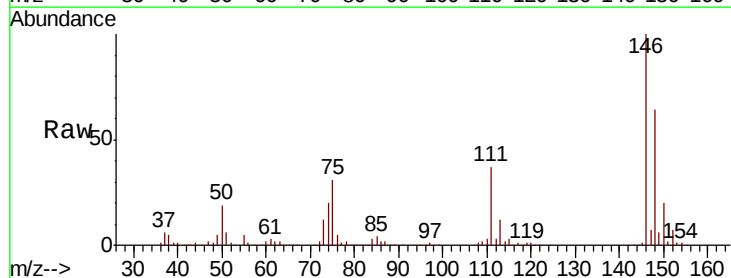
Instrument :
 MSVOA_X
 ClientSampleId :

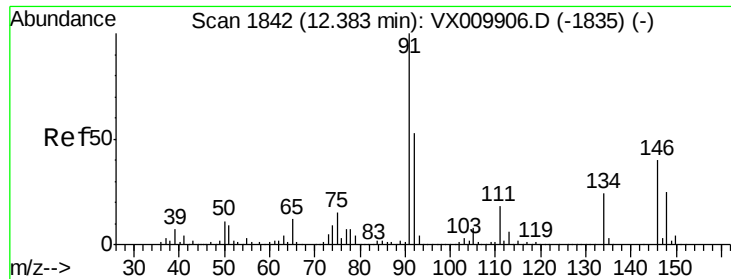
Tot Ion:146 Resp: 73164
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.1 60.2
 148 63.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.304 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Tgt Ion:146 Resp: 72016
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.0 59.9
 148 65.7 32.3 96.9

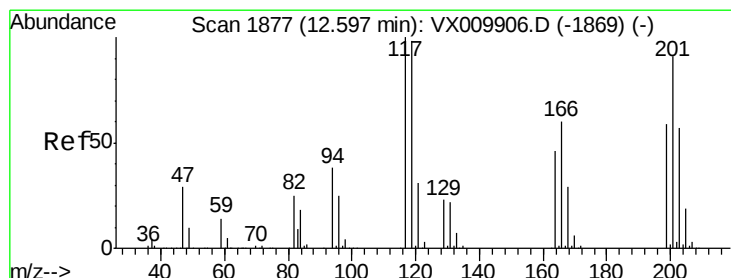
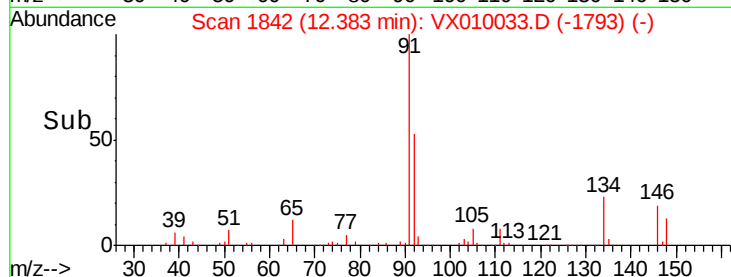
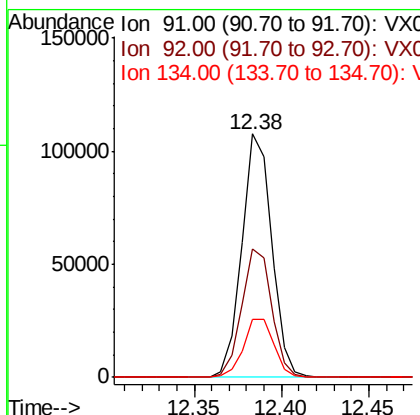
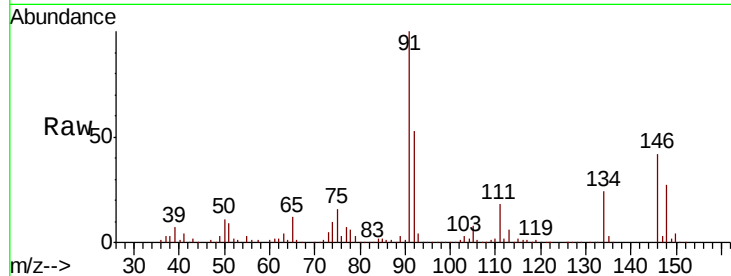




#89
n-Butylbenzene
Concen: 18.639 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

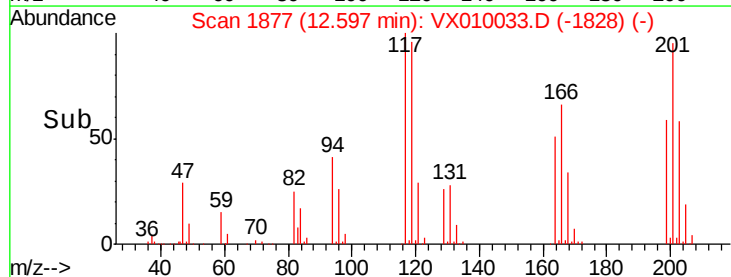
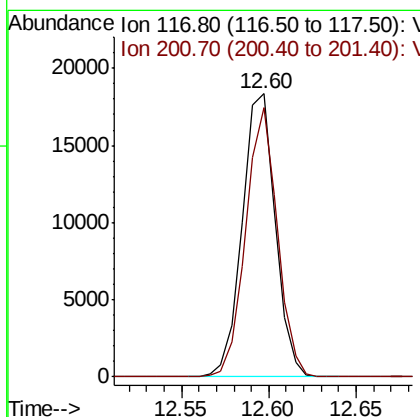
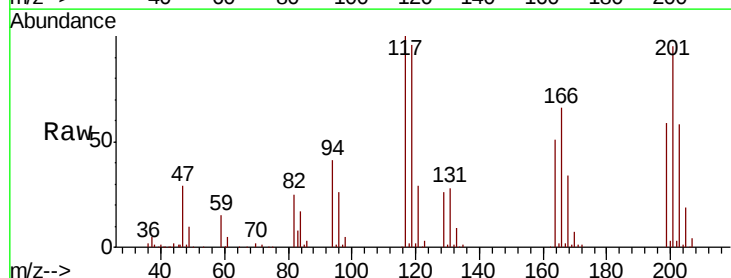
Instrument :
MSVOA_X
ClientSampleId :

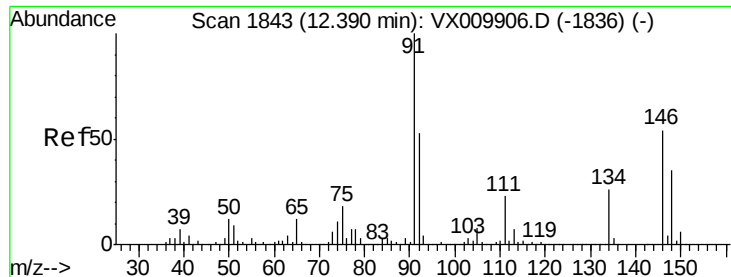
Tot Ion: 91 Resp: 128461
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.8
134 24.4 12.3 36.8



#90
Hexachloroethane
Concen: 19.194 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion: 117 Resp: 24156
Ion Ratio Lower Upper
117 100
201 90.6 43.6 130.9

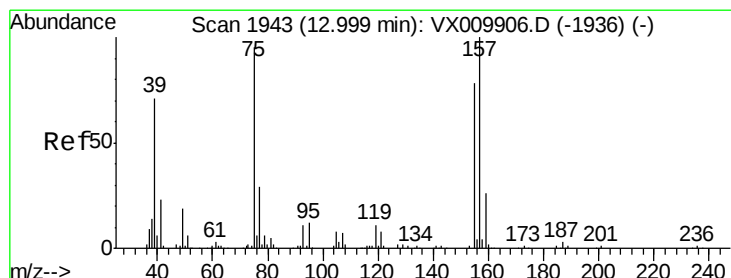
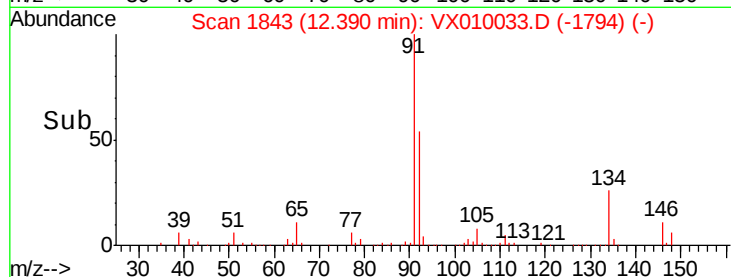
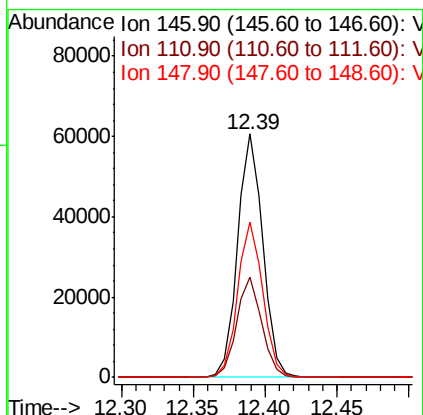
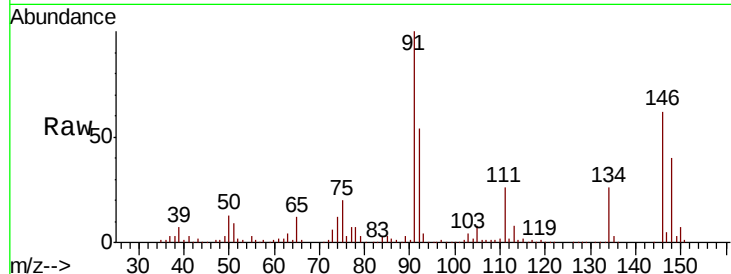




#91
 1,2-Dichlorobenzene
 Concen: 19.409 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

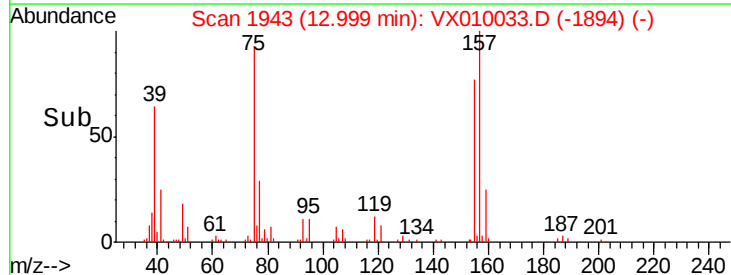
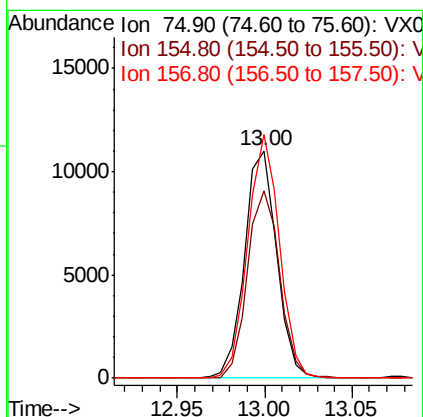
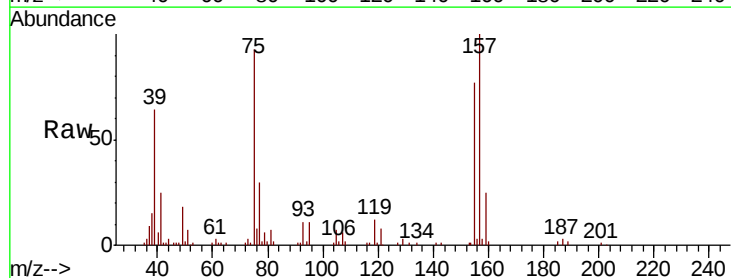
Instrument :
 MSVOA_X
 ClientSampleId :

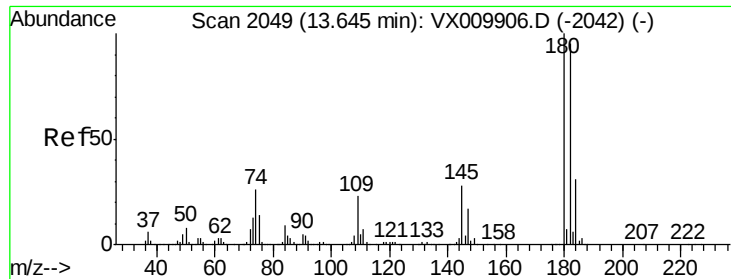
Tot Ion:146 Resp: 73824
 Ion Ratio Lower Upper
 146 100
 111 40.9 21.1 63.1
 148 63.7 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.814 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Tgt Ion: 75 Resp: 14048
 Ion Ratio Lower Upper
 75 100
 155 82.8 39.3 117.8
 157 105.5 50.6 151.8

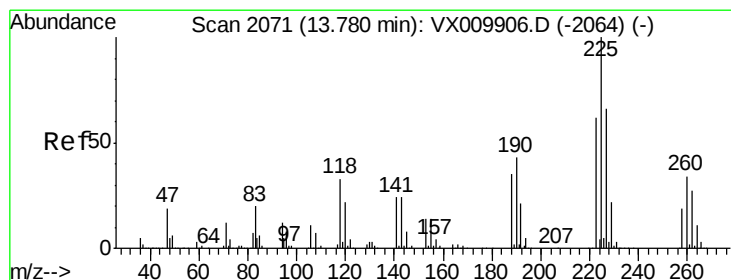
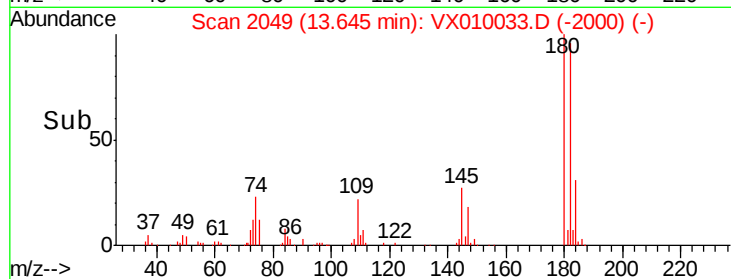
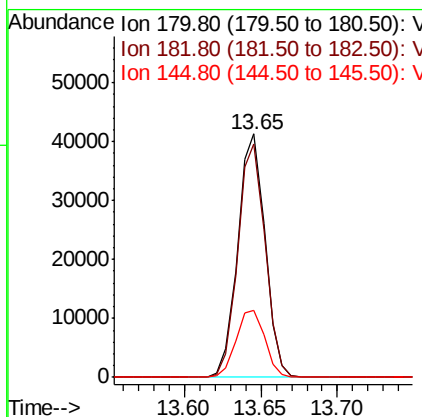
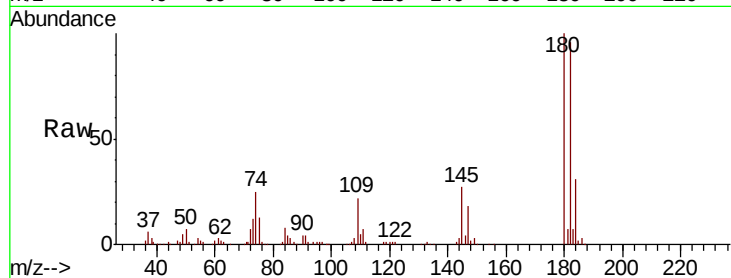




#93
 1,2,4-Trichlorobenzene
 Concen: 18.805 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

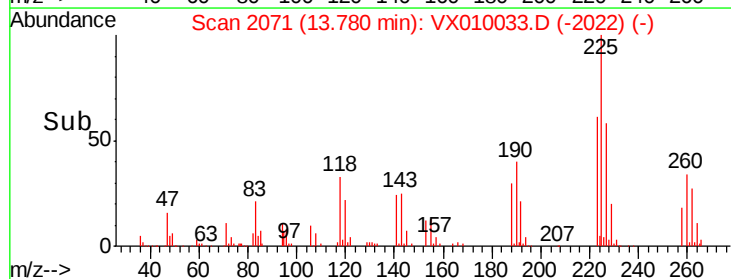
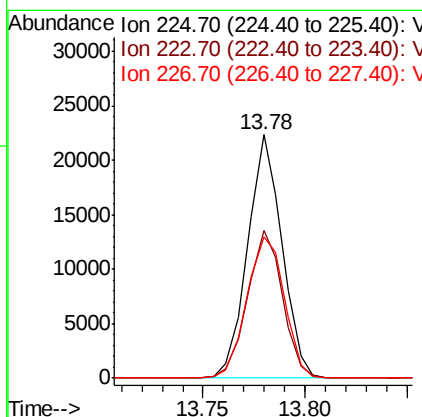
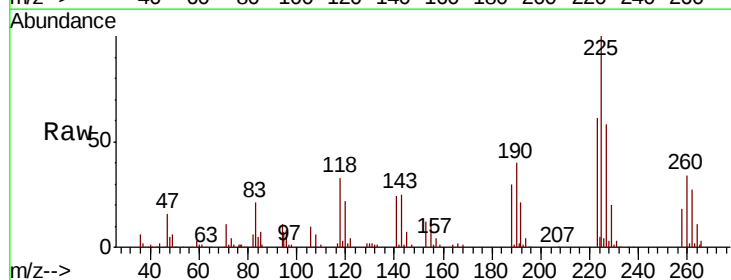
Instrument :
 MSVOA_X
 ClientSampled :

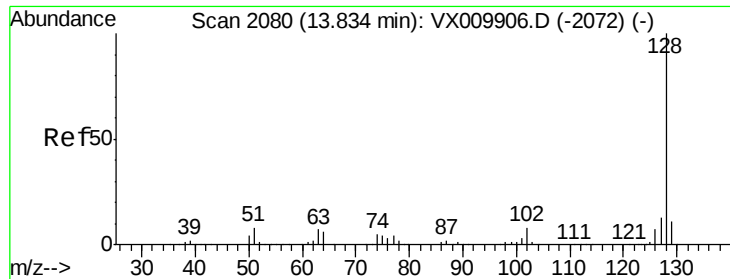
Tot Ion:180 Resp: 51113
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.4 142.2
 145 29.0 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 19.148 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010033.D
 Acq: 03 Jun 2019 14:04

Tgt Ion:225 Resp: 26105
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.3 93.8
 227 63.6 32.3 96.8

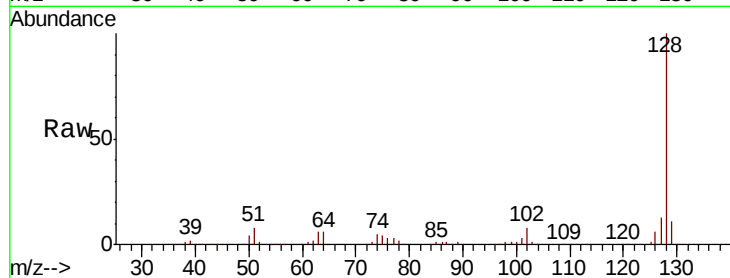




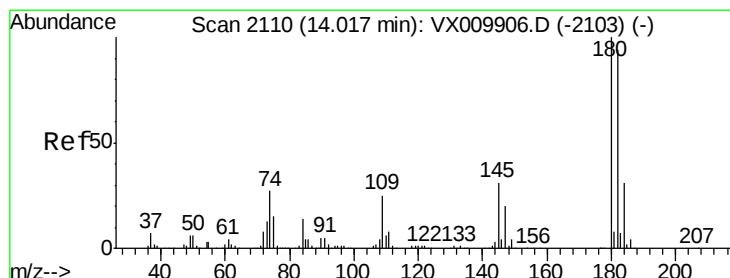
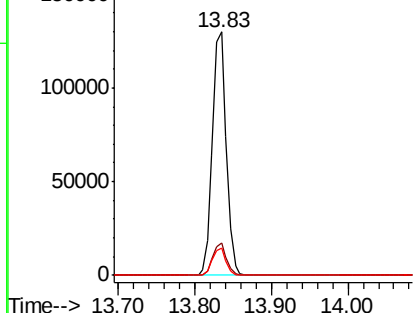
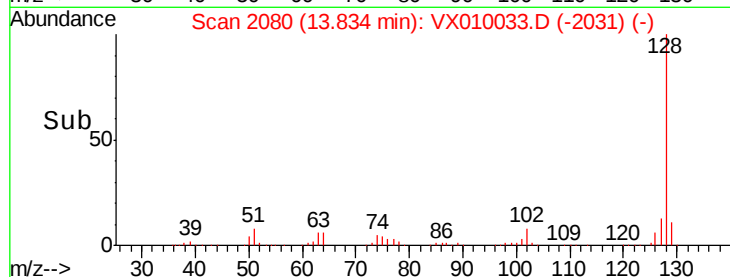
#95
Naphthalene
Concen: 19.344 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 163618
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.7 8.8 13.2

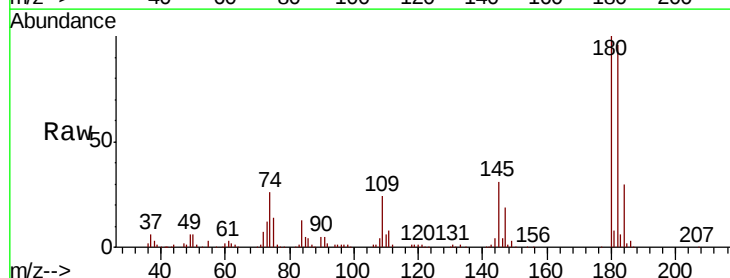


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.209 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010033.D
Acq: 03 Jun 2019 14:04

Tgt Ion:180 Resp: 52263
Ion Ratio Lower Upper
180 100
182 96.0 47.3 142.0
145 30.6 15.6 46.7



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

