

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
 Data File : VX010273.D
 Acq On : 13 Jun 2019 15:25
 Operator : JC/SP
 Sample : VX0613MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 03:33:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	269159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	410651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	371682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191579	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	132726	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
35) Dibromofluoromethane	5.50	113	132131	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
50) Toluene-d8	8.71	98	496441	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
62) 4-Bromofluorobenzene	11.13	95	178200	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50760	20.495	ug/l	98
3) Chloromethane	1.33	50	48086	19.550	ug/l	99
4) Vinyl Chloride	1.41	62	51141	22.123	ug/l	98
5) Bromomethane	1.64	94	25331	29.038	ug/l	99
6) Chloroethane	1.72	64	30695	26.336	ug/l	100
7) Trichlorofluoromethane	1.93	101	79226	23.072	ug/l	98
8) Diethyl Ether	2.19	74	28634	24.194	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46401	19.603	ug/l	92
10) Methyl Iodide	2.51	142	67488	18.402	ug/l	97
11) Tert butyl alcohol	3.04	59	75947	118.001	ug/l	98
12) 1,1-Dichloroethene	2.37	96	46581	19.267	ug/l #	77
13) Acrolein	2.29	56	9630	82.057	ug/l	96
14) Allyl chloride	2.73	41	66764	18.295	ug/l #	87
15) Acrylonitrile	3.14	53	136442	103.716	ug/l	99
16) Acetone	2.44	43	117117	94.776	ug/l #	87
17) Carbon Disulfide	2.57	76	116299	16.648	ug/l	99
18) Methyl Acetate	2.78	43	56590	20.823	ug/l #	84
19) Methyl tert-butyl Ether	3.20	73	151501	19.506	ug/l	93
20) Methylene Chloride	2.86	84	52080	19.190	ug/l #	77
21) trans-1,2-Dichloroethene	3.17	96	49106	18.354	ug/l #	78
22) Diisopropyl ether	3.85	45	141564	20.289	ug/l #	93
23) Vinyl Acetate	3.81	43	617528	99.209	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	82139	19.389	ug/l #	92
25) 2-Butanone	4.67	43	188319	102.341	ug/l #	85
26) 2,2-Dichloropropane	4.59	77	63359	16.394	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	59451	19.974	ug/l	76
28) Bromochloromethane	5.02	49	36037	18.981	ug/l #	51
29) Tetrahydrofuran	5.13	42	120035	103.798	ug/l #	76
30) Chloroform	5.21	83	86223	19.598	ug/l	98
31) Cyclohexane	5.59	56	72901	19.067	ug/l #	79
32) 1,1,1-Trichloroethane	5.49	97	78100	18.883	ug/l	94
36) 1,1-Dichloropropene	5.80	75	61138	18.249	ug/l	91
37) Ethyl Acetate	4.84	43	68476	19.644	ug/l #	90
38) Carbon Tetrachloride	5.79	117	69257	18.263	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
 Data File : VX010273.D
 Acq On : 13 Jun 2019 15:25
 Operator : JC/SP
 Sample : VX0613MBS01
 Misc : 5.0µL/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 03:33:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	81415	17.846	ug/l #	80
40) Benzene	6.14	78	203942	19.686	ug/l	99
41) Methacrylonitrile	5.04	41	36456	19.334	ug/l #	82
42) 1,2-Dichloroethane	6.20	62	63739	19.272	ug/l	93
43) Isopropyl Acetate	6.45	43	113325	19.444	ug/l #	89
44) Trichloroethene	7.21	130	59758	19.137	ug/l	87
45) 1,2-Dichloropropane	7.51	63	51717	19.945	ug/l	97
46) Dibromomethane	7.66	93	36904	18.997	ug/l	91
47) Bromodichloromethane	7.90	83	67875	18.699	ug/l	98
48) Methyl methacrylate	7.77	41	52473	19.251	ug/l #	76
49) 1,4-Dioxane	7.74	88	31041	399.424	ug/l #	82
51) 4-Methyl-2-Pentanone	8.64	43	367572	105.568	ug/l	89
52) Toluene	8.78	92	132548	19.464	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	72338	17.229	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	80736	17.937	ug/l #	87
55) 1,1,2-Trichloroethane	9.21	97	55804	20.009	ug/l	97
56) Ethyl methacrylate	9.18	69	84788	19.246	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	84799	19.313	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	185666	89.396	ug/l #	86
59) 2-Hexanone	9.49	43	287212	103.458	ug/l	88
60) Dibromochloromethane	9.58	129	61390	18.609	ug/l	99
61) 1,2-Dibromoethane	9.67	107	59855	19.270	ug/l	100
64) Tetrachloroethene	9.34	164	58532	21.203	ug/l	95
65) Chlorobenzene	10.13	112	151203	19.710	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	57125	19.364	ug/l	99
67) Ethyl Benzene	10.25	91	251356	19.248	ug/l	94
68) m/p-Xylenes	10.36	106	197283	39.039	ug/l	89
69) o-Xylene	10.69	106	97452	19.400	ug/l	89
70) Styrene	10.71	104	163417	19.208	ug/l	95
71) Bromoform	10.85	173	48981	18.061	ug/l #	100
73) Isopropylbenzene	11.02	105	259287	19.388	ug/l	96
74) N-amyl acetate	10.90	43	99522	18.826	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	88482	19.328	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	98154	25.615	ug/l	83
77) Bromobenzene	11.26	156	70721	19.230	ug/l	80
78) n-propylbenzene	11.36	91	279265	18.757	ug/l	94
79) 2-Chlorotoluene	11.42	91	165348	18.491	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	212788	18.891	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	28740	16.571	ug/l	87
82) 4-Chlorotoluene	11.51	91	192173	18.919	ug/l	91
83) tert-Butylbenzene	11.77	119	215076	18.865	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	214899	18.888	ug/l	97
85) sec-Butylbenzene	11.94	105	249721	18.801	ug/l	95
86) p-Isopropyltoluene	12.06	119	231176	19.039	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	125857	19.429	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	124667	19.091	ug/l	98
89) n-Butylbenzene	12.38	91	192046	18.374	ug/l	97
90) Hexachloroethane	12.60	117	41292	17.071	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	127484	20.243	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19114	17.743	ug/l	67

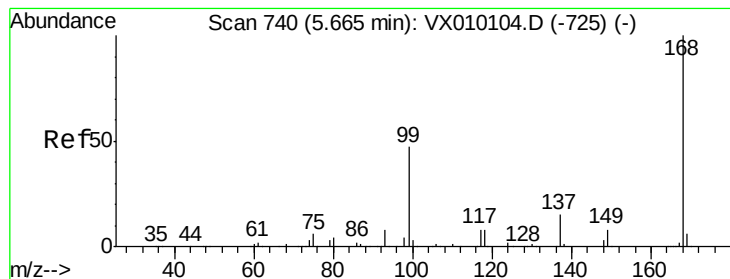
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
Data File : VX010273.D
Acq On : 13 Jun 2019 15:25
Operator : JC/SP
Sample : VX0613MBS01
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 14 03:33:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86266	18.713	ug/l	99
94) Hexachlorobutadiene	13.78	225	40602	19.804	ug/l	99
95) Naphthalene	13.83	128	279913	19.289	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	86413	18.959	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

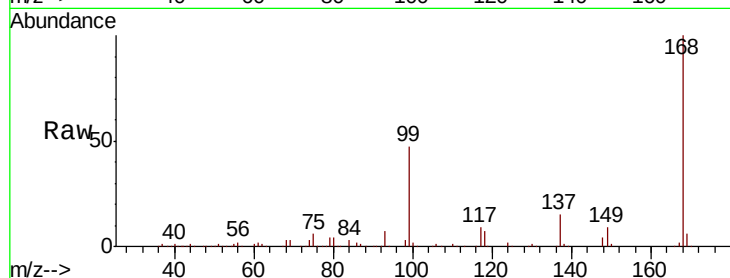
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 269159

Ion Ratio Lower Upper

168 100

99 46.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

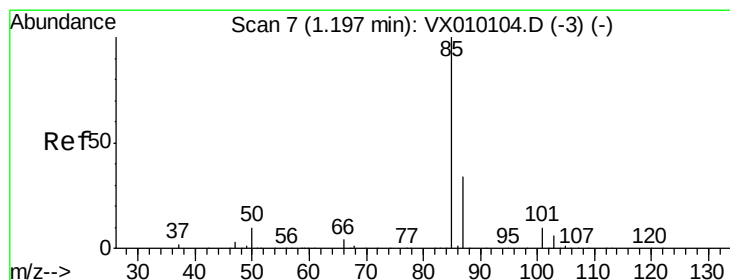
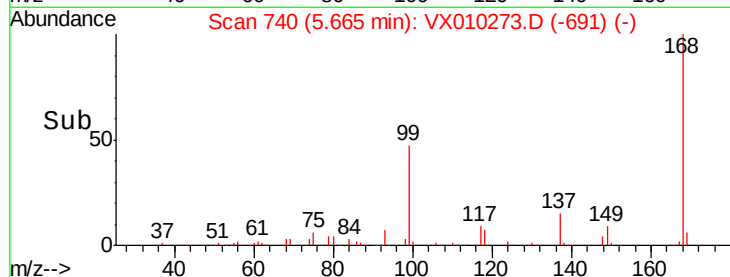
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.495 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010273.D

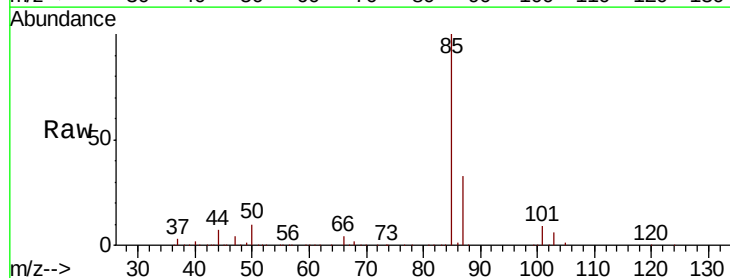
Acq: 13 Jun 2019 15:25

Tgt Ion: 85 Resp: 50760

Ion Ratio Lower Upper

85 100

87 33.4 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

60000

50000

40000

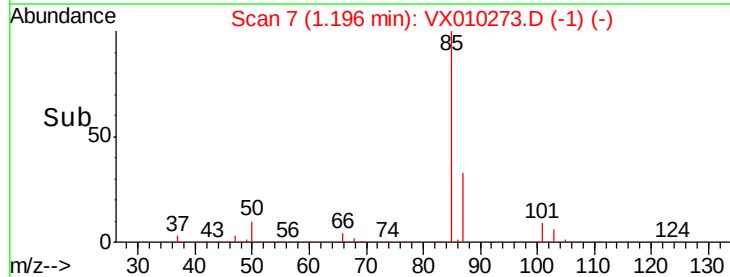
30000

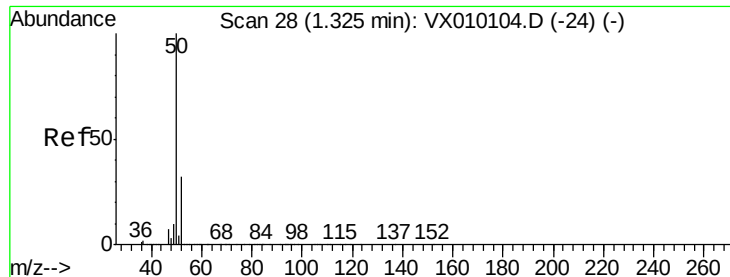
20000

10000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 19.550 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

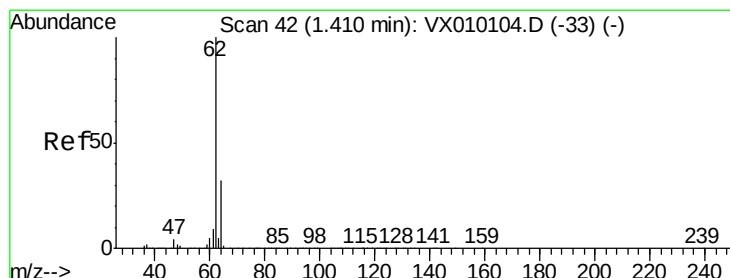
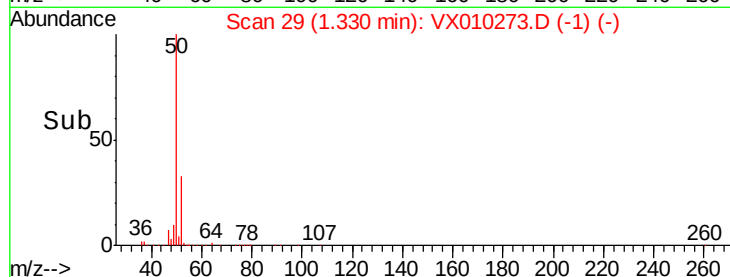
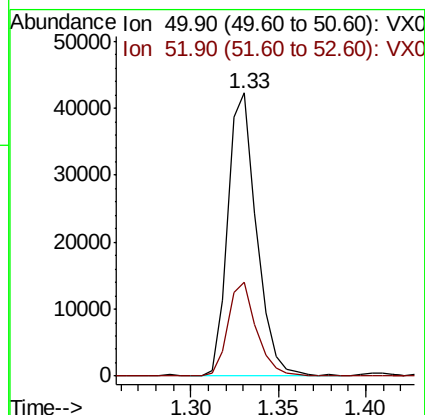
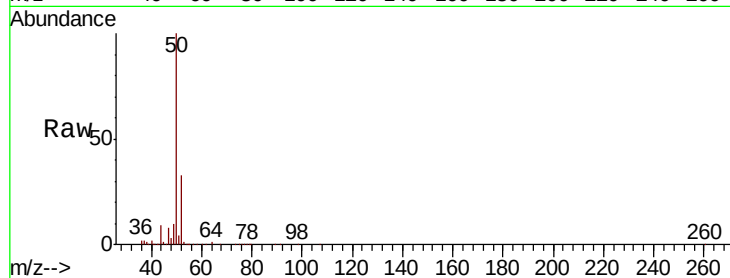
ClientSampleId :

Tot Ion: 50 Resp: 48086

Ion Ratio Lower Upper

50 100

52 33.1 26.0 39.0



#4

Vinyl Chloride

Concen: 22.123 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010273.D

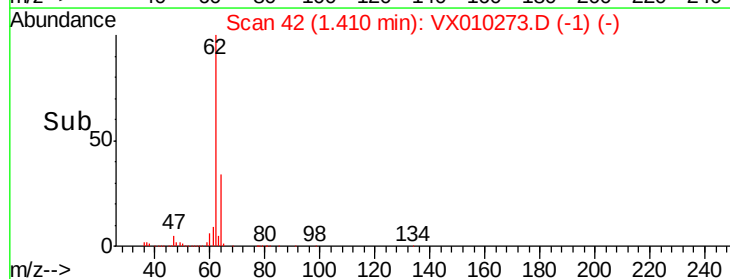
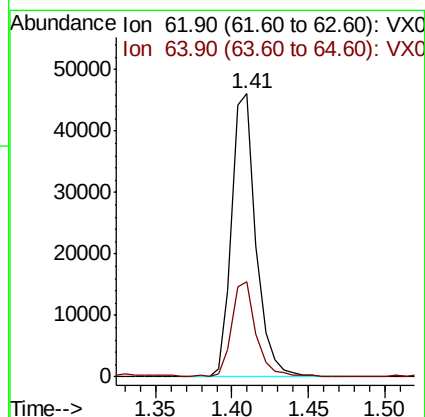
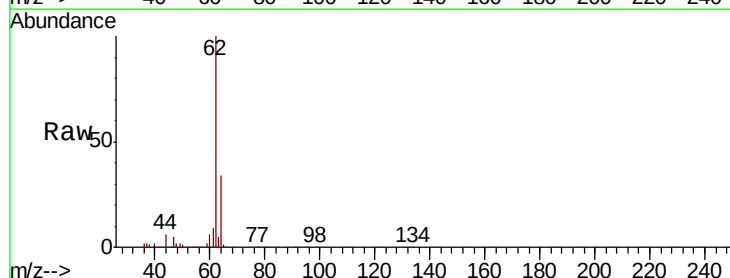
Acq: 13 Jun 2019 15:25

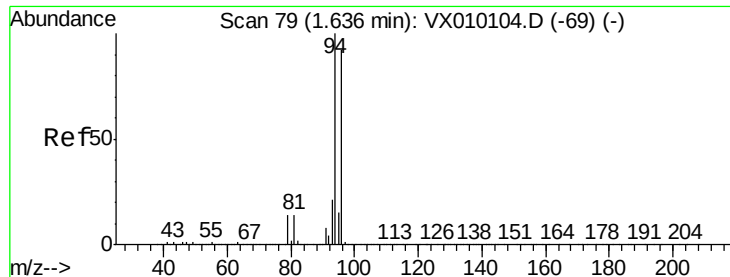
Tgt Ion: 62 Resp: 51141

Ion Ratio Lower Upper

62 100

64 33.4 25.7 38.5





#5

Bromomethane

Concen: 29.038 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

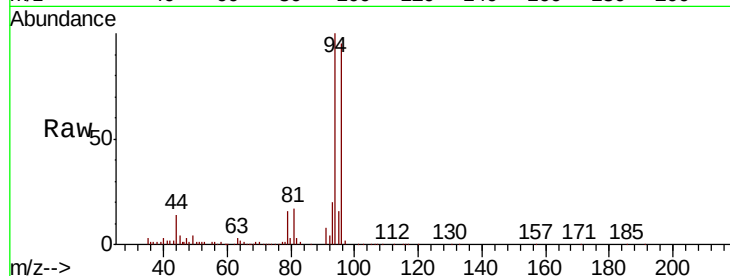
ClientSampleId :

Tot Ion: 94 Resp: 25331

Ion Ratio Lower Upper

94 100

96 94.2 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

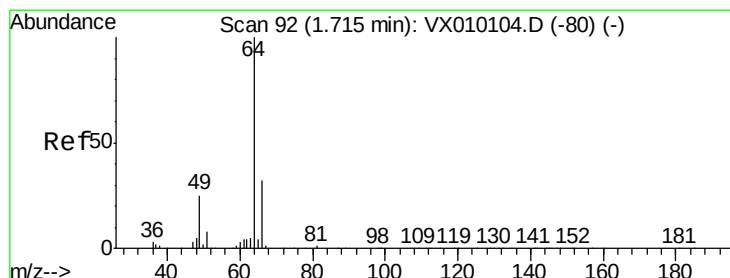
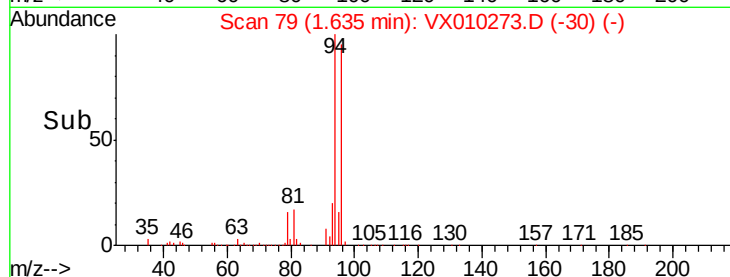
Time-->

1.55

1.60

1.65

1.70



#6

Chloroethane

Concen: 26.336 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010273.D

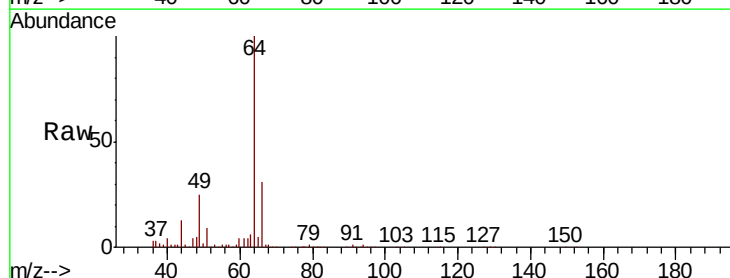
Acq: 13 Jun 2019 15:25

Tgt Ion: 64 Resp: 30695

Ion Ratio Lower Upper

64 100

66 31.6 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

25000

20000

15000

10000

5000

0

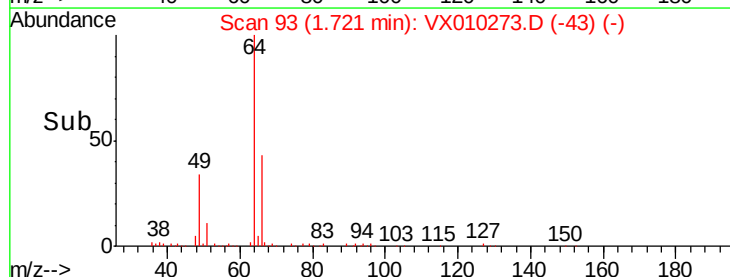
Time-->

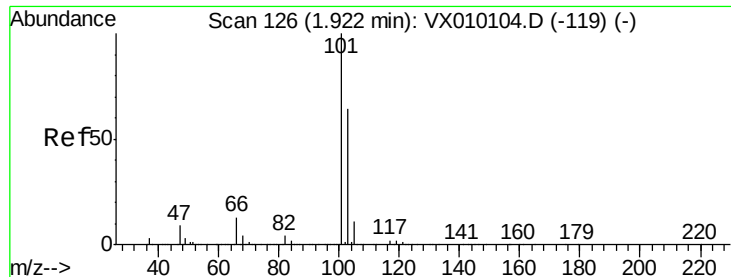
1.65

1.70

1.75

1.80



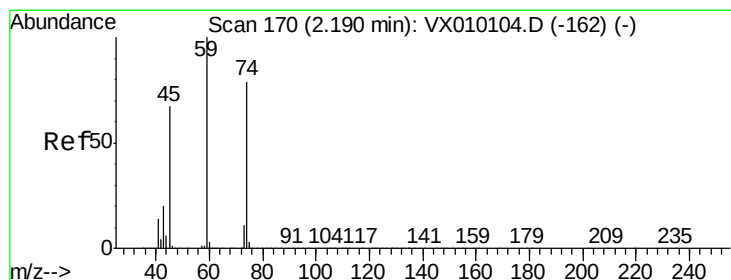
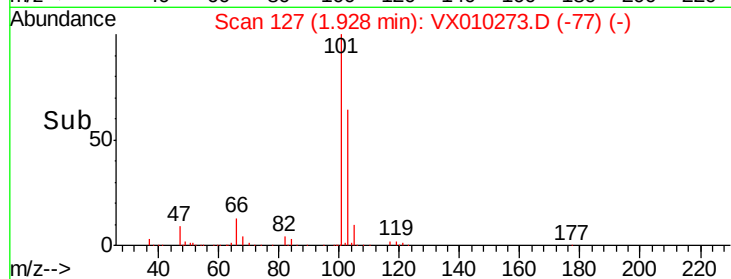
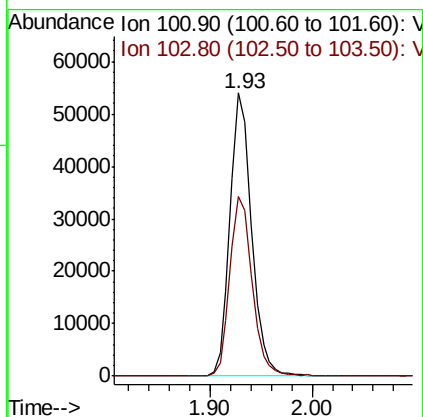
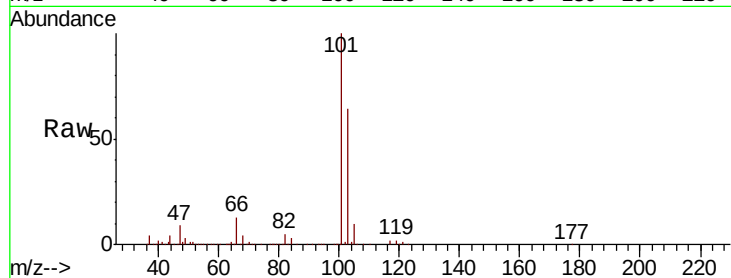


#7

Trichlorofluoromethane
Concen: 23.072 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010273.D
Acq: 13 Jun 2019 15:25

Instrument :
MSVOA_X
ClientSampled :

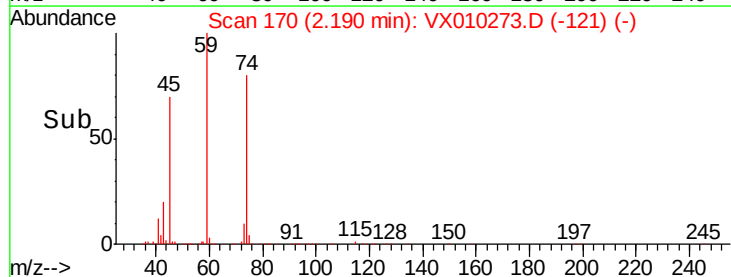
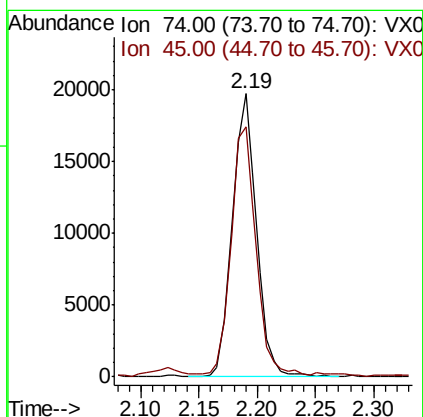
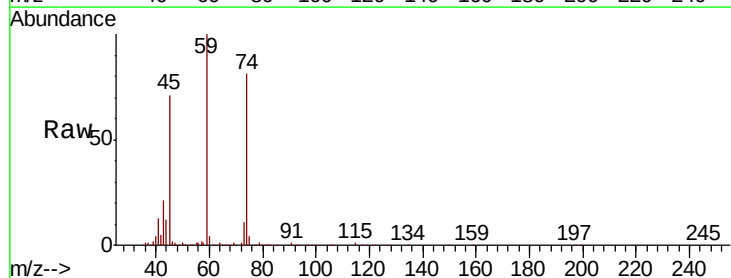
Tot Ion:101 Resp: 79226
Ion Ratio Lower Upper
101 100
103 63.6 52.2 78.4

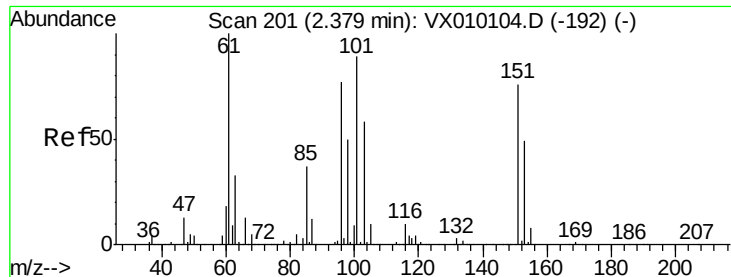


#8

Diethyl Ether
Concen: 24.194 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010273.D
Acq: 13 Jun 2019 15:25

Tgt Ion: 74 Resp: 28634
Ion Ratio Lower Upper
74 100
45 90.1 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.603 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

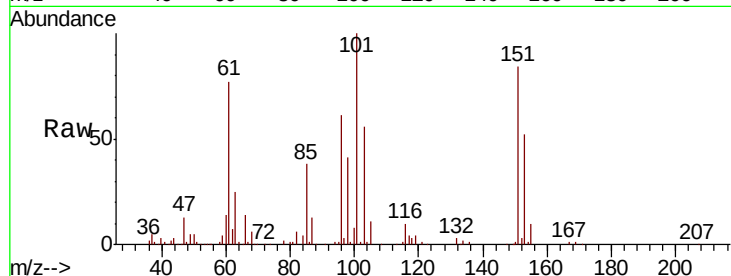
Tot Ion:101 Resp: 46401

Ion Ratio Lower Upper

101 100

85 40.8 35.2 52.8

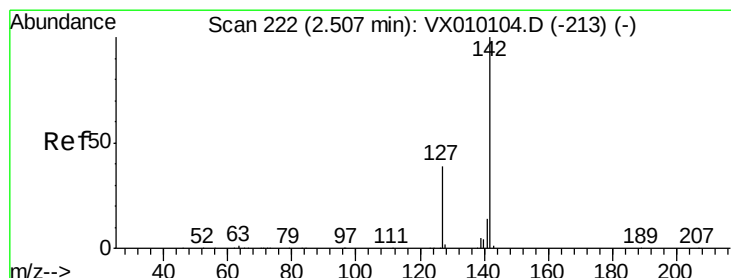
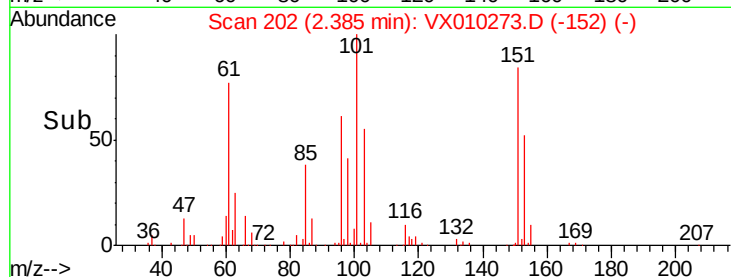
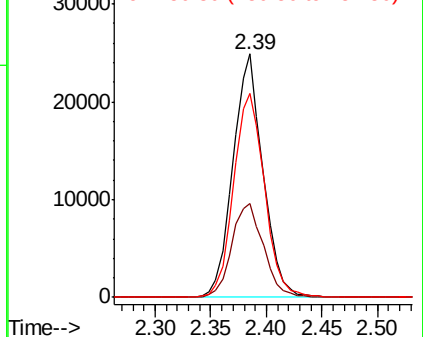
151 86.4 61.9 92.9



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: 18.402 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

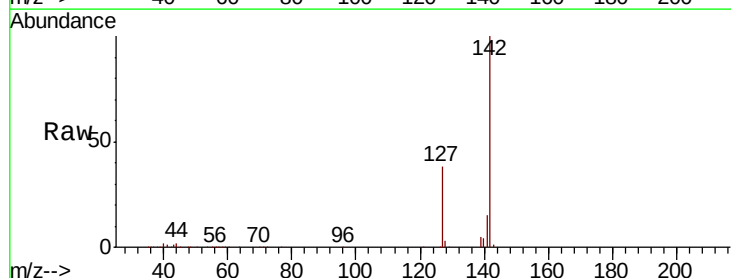
Tgt Ion:142 Resp: 67488

Ion Ratio Lower Upper

142 100

127 39.4 33.0 49.4

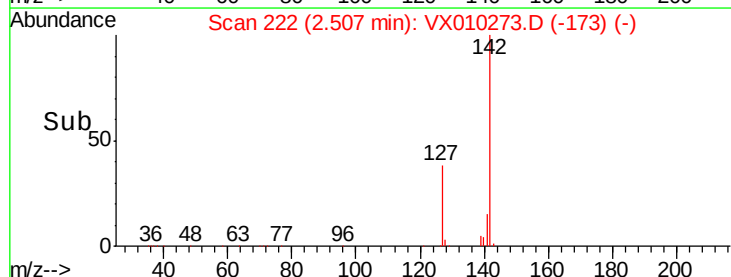
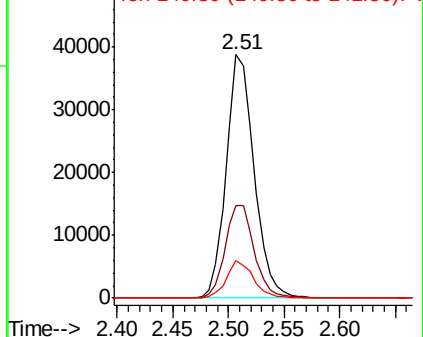
141 14.7 11.4 17.0

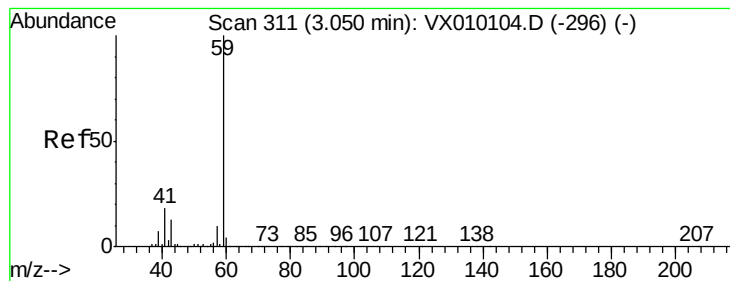


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



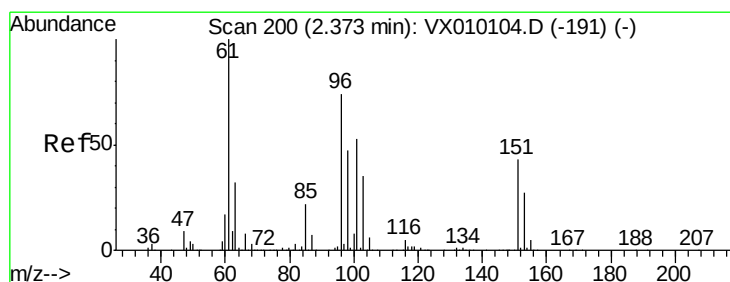
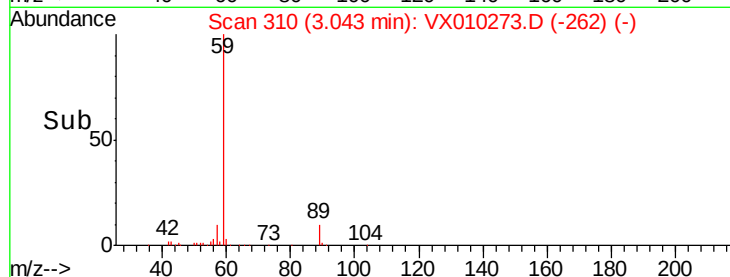
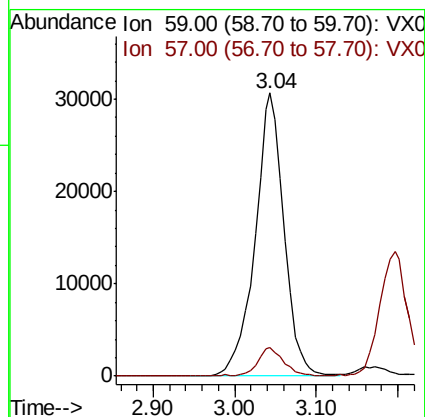
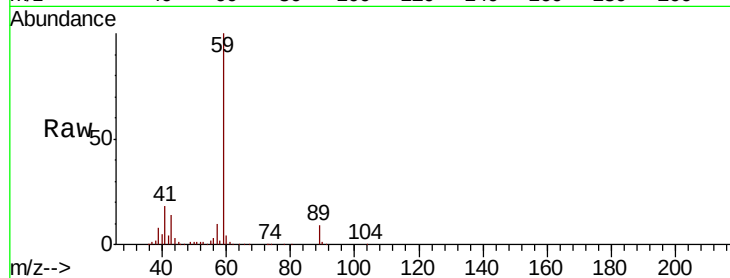


#11

Tert butyl alcohol
 Concen: 118.001 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010273.D
 Acq: 13 Jun 2019 15:25

Instrument :
 MSVOA_X
 ClientSampleId :

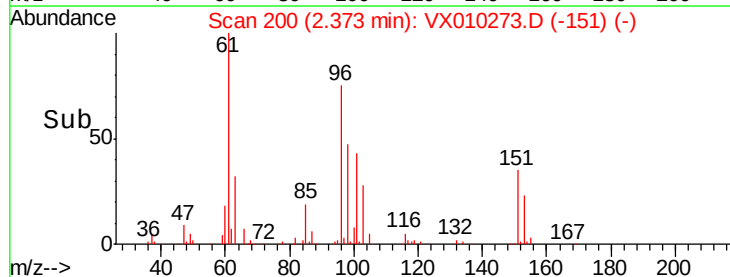
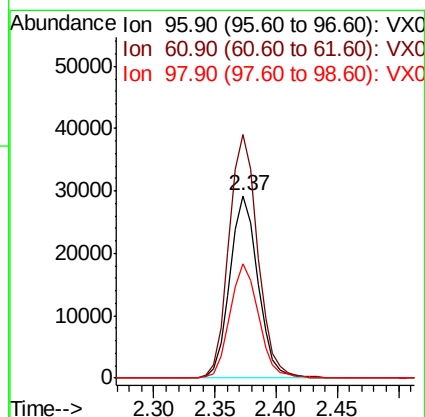
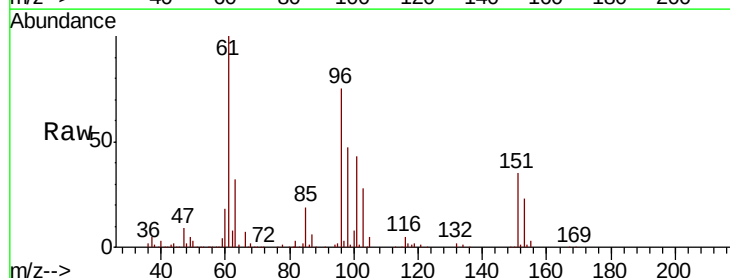
Tot Ion: 59 Resp: 75947
 Ion Ratio Lower Upper
 59 100
 57 9.4 8.2 12.2

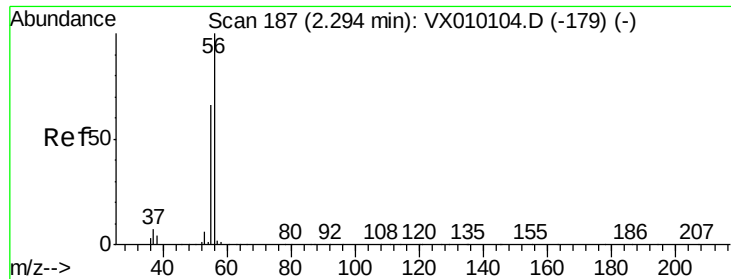


#12

1,1-Dichloroethene
 Concen: 19.267 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX010273.D
 Acq: 13 Jun 2019 15:25

Tgt Ion: 96 Resp: 46581
 Ion Ratio Lower Upper
 96 100
 61 133.3 140.7 211.1#
 98 62.8 50.1 75.1





#13

Acrolein

Concen: 82.057 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

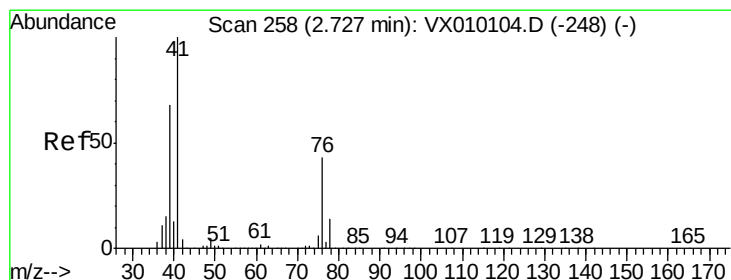
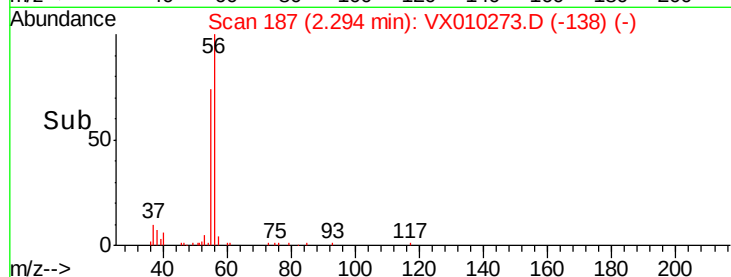
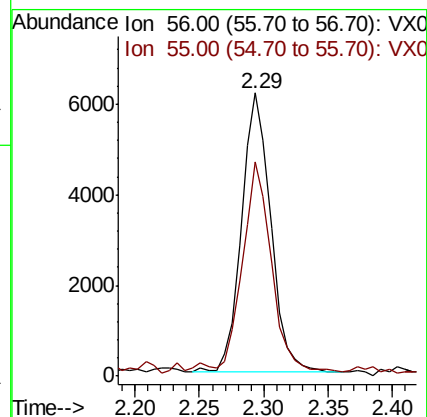
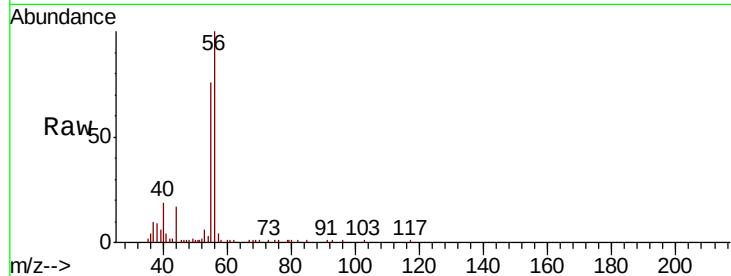
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 9630

Ion Ratio Lower Upper

56 100

55 74.3 57.0 85.4



#14

Allyl chloride

Concen: 18.295 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

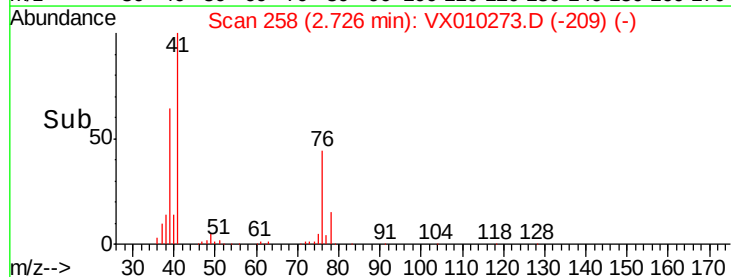
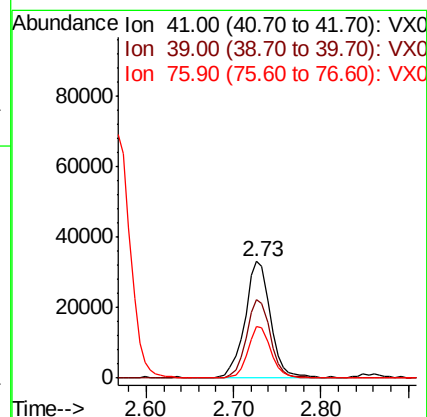
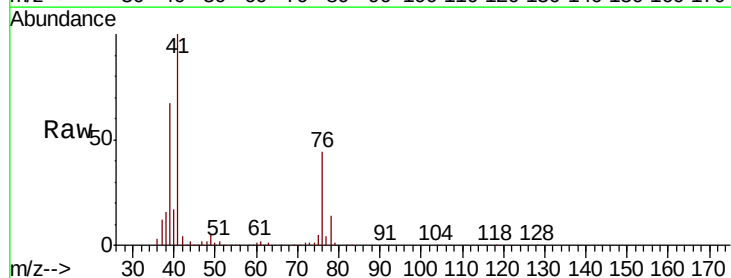
Tgt Ion: 41 Resp: 66764

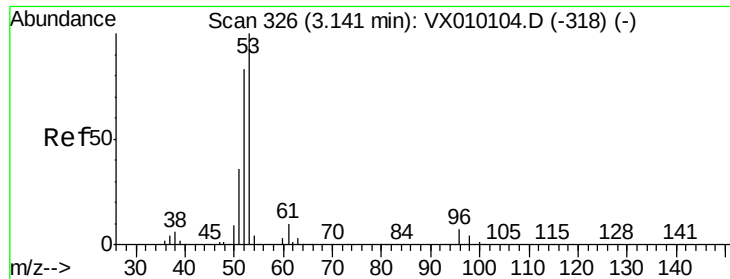
Ion Ratio Lower Upper

41 100

39 63.3 46.7 70.1

76 39.9 21.0 31.4#





#15

Acrylonitrile

Concen: 103.716 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

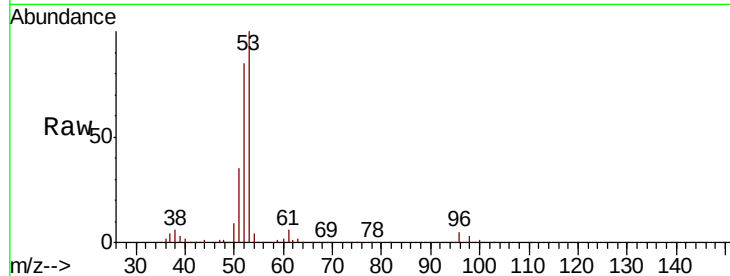
Tot Ion: 53 Resp: 136442

Ion Ratio Lower Upper

53 100

52 82.3 66.7 100.1

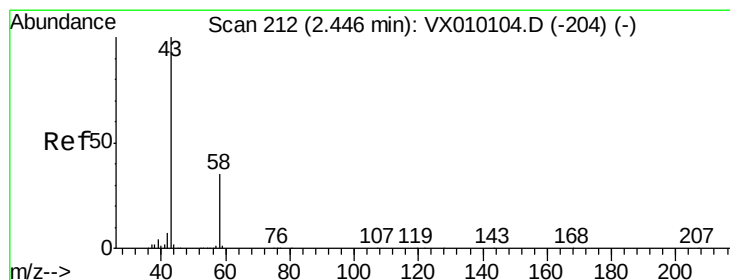
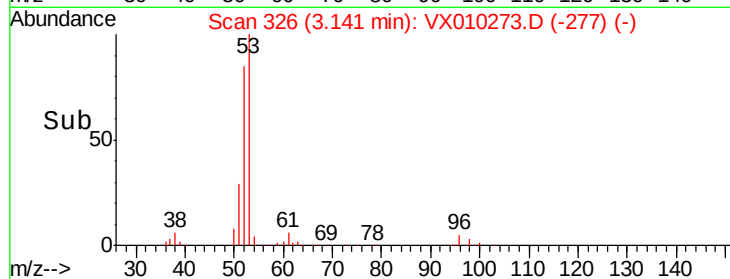
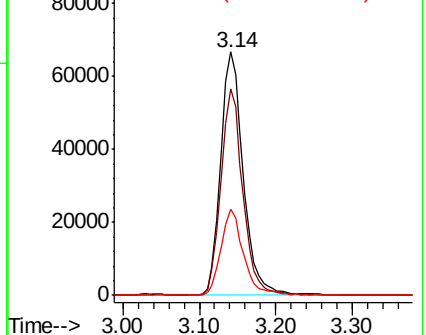
51 35.0 28.8 43.2



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: 94.776 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010273.D

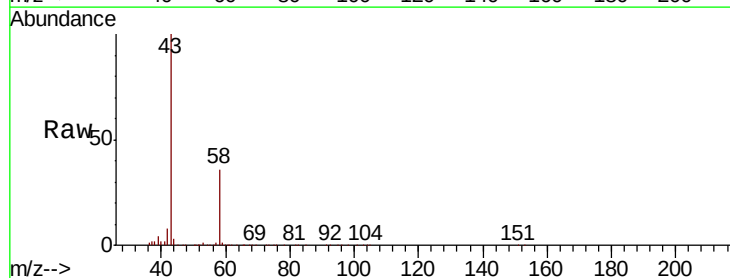
Acq: 13 Jun 2019 15:25

Tgt Ion: 43 Resp: 117117

Ion Ratio Lower Upper

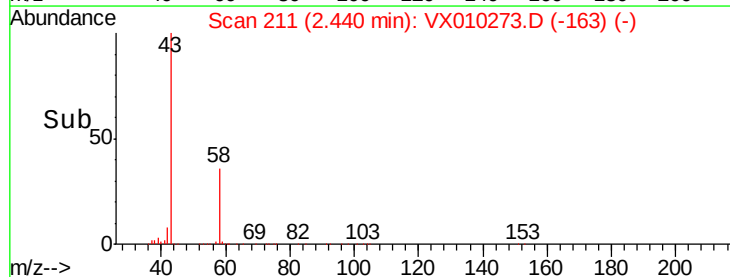
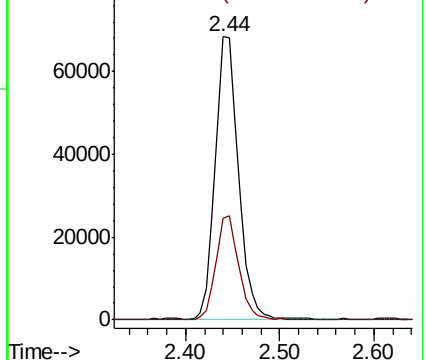
43 100

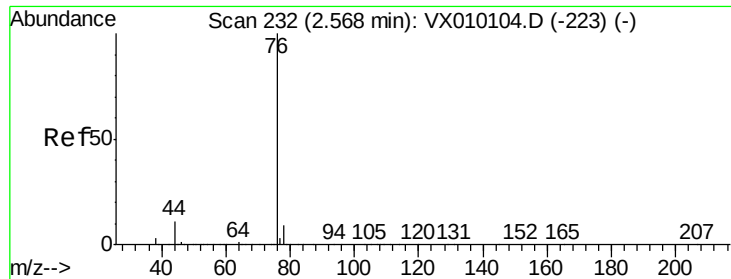
58 35.8 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.648 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

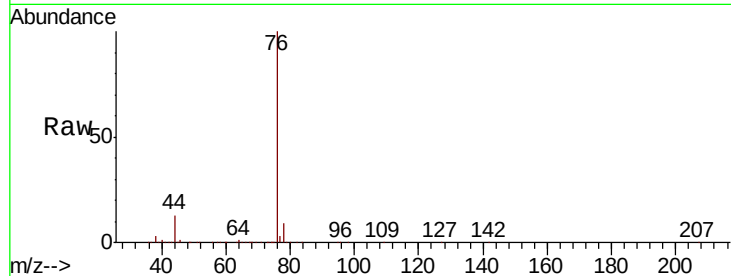
ClientSampleId :

Tot Ion: 76 Resp: 116299

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

80000

60000

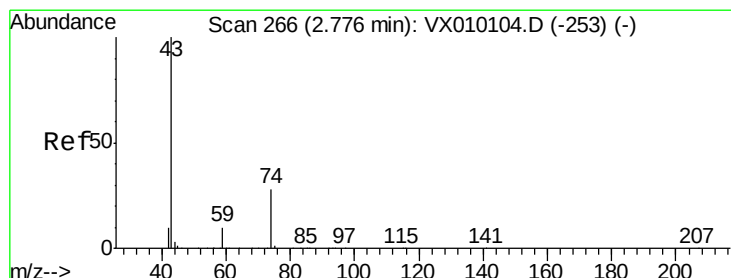
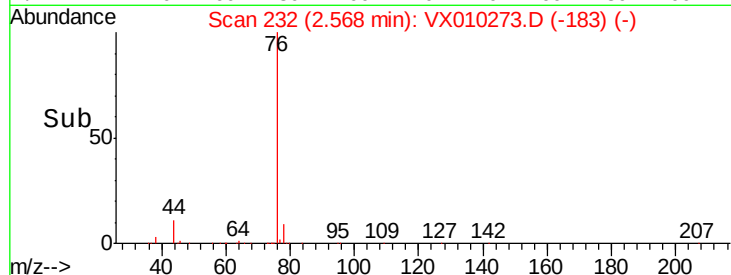
40000

20000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 20.823 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010273.D

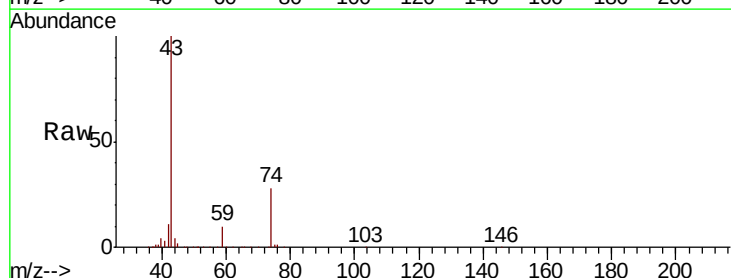
Acq: 13 Jun 2019 15:25

Tgt Ion: 43 Resp: 56590

Ion Ratio Lower Upper

43 100

74 27.0 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

30000

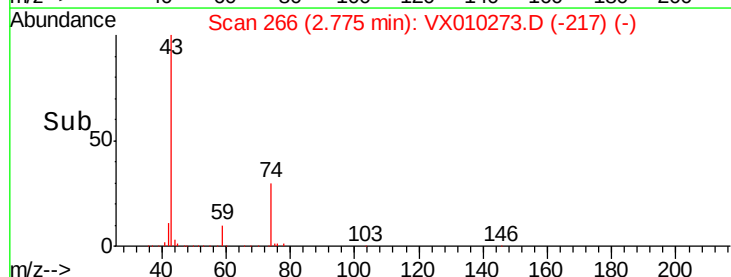
20000

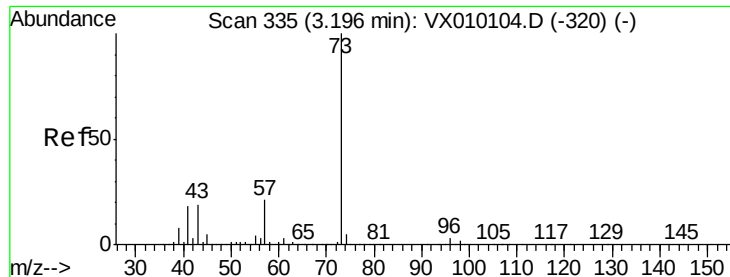
10000

0

Time-->

2.70 2.75 2.80 2.85

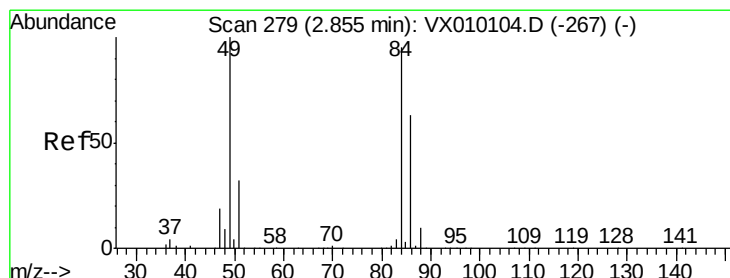
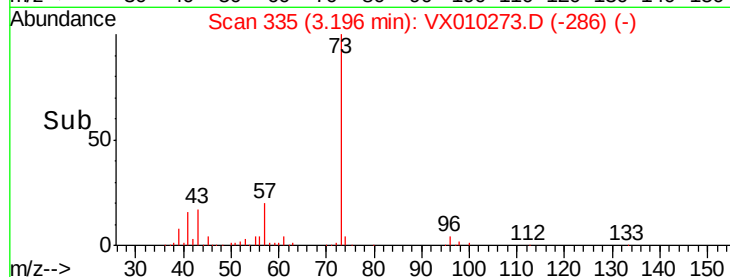
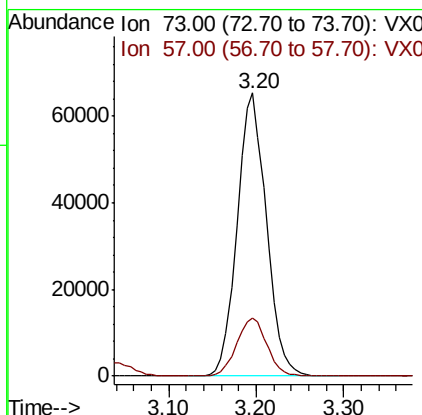
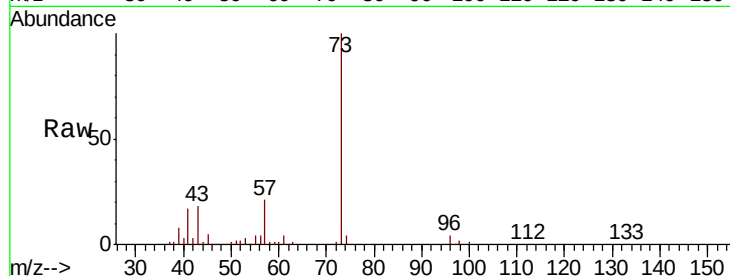




#19
Methvl tert-butvl Ether
Concen: 19.506 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010273.D
Acq: 13 Jun 2019 15:25

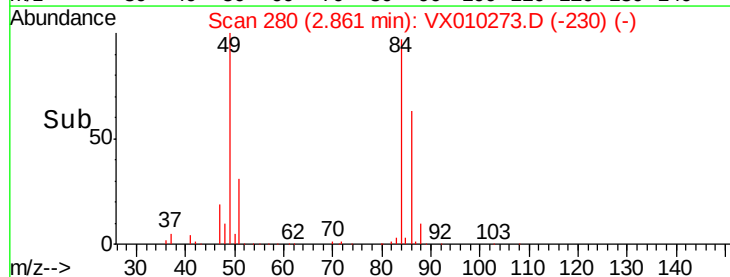
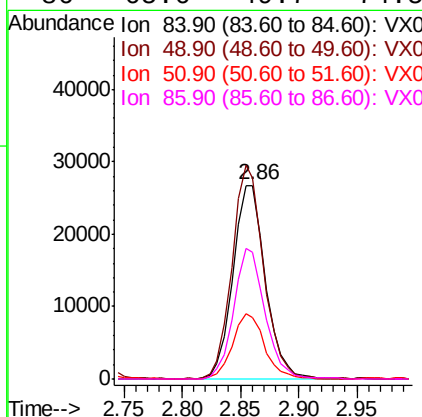
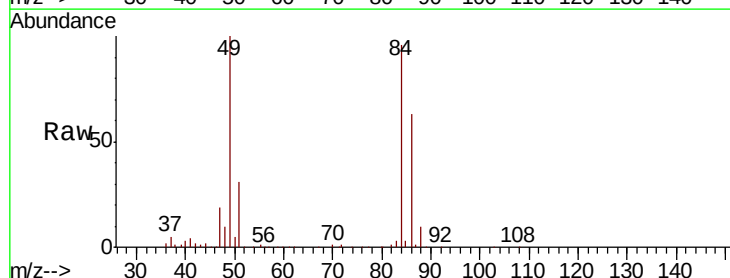
Instrument :
MSVOA_X
ClientSampleId :

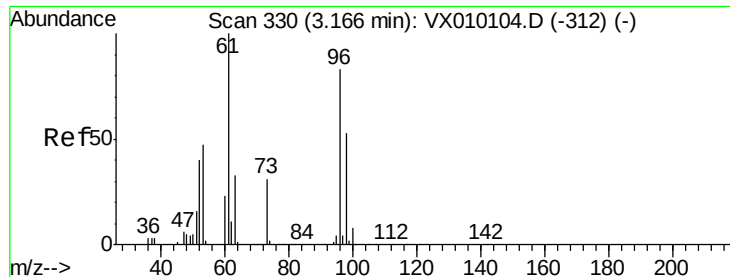
Tot Ion: 73 Resp: 151501
Ion Ratio Lower Upper
73 100
57 20.6 19.4 29.2



#20
Methylene Chloride
Concen: 19.190 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010273.D
Acq: 13 Jun 2019 15:25

Tgt Ion: 84 Resp: 52080
Ion Ratio Lower Upper
84 100
49 103.3 115.8 173.6#
51 32.0 34.4 51.6#
86 65.6 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 18.354 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

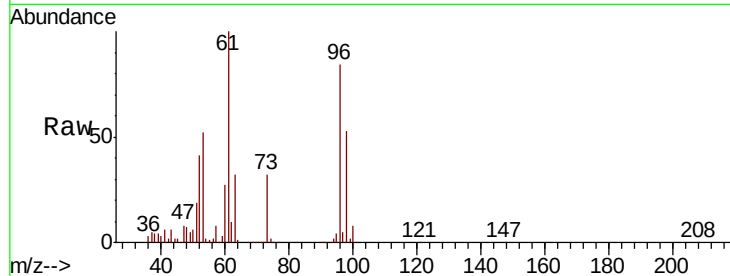
Tot Ion: 96 Resp: 49106

Ion Ratio Lower Upper

96 100

61 118.9 125.7 188.5#

98 62.8 49.0 73.6



Abundance

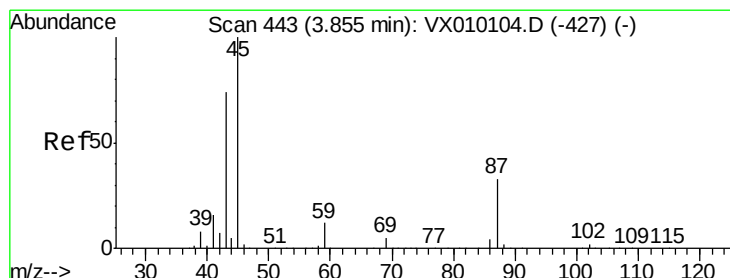
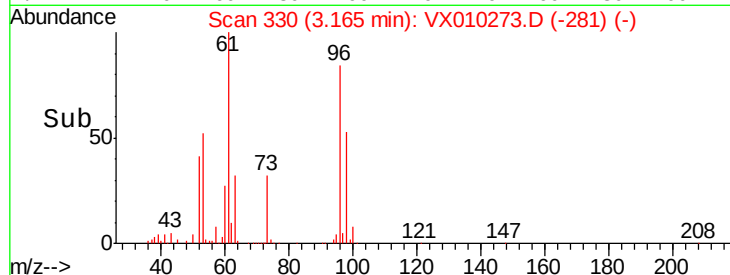
Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

3.17

Time-->



#22

Diisopropyl ether

Concen: 20.289 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Tgt Ion: 45 Resp: 141564

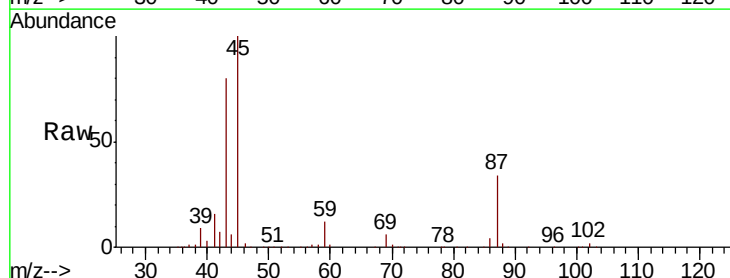
Ion Ratio Lower Upper

45 100

43 79.7 65.0 97.4

87 34.0 17.3 25.9#

59 12.1 8.1 12.1



Abundance

Ion 45.00 (44.70 to 45.70): VX0

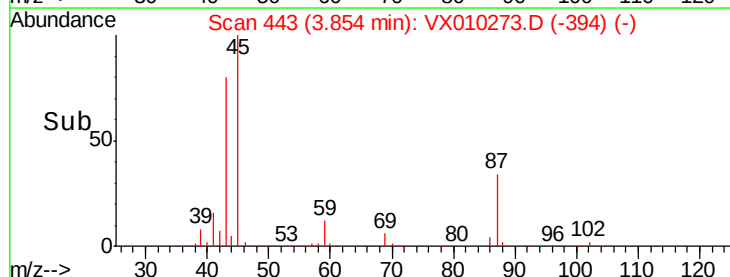
Ion 43.00 (42.70 to 43.70): VX0

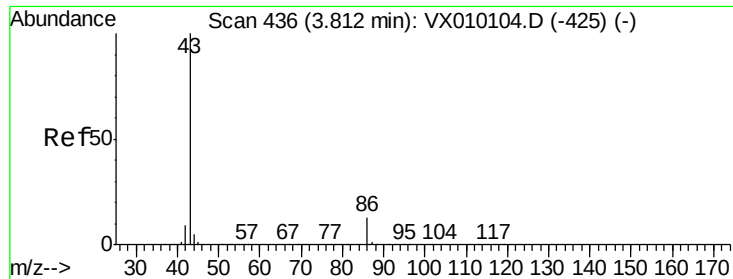
Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

3.85

Time-->





#23

Vinyl Acetate

Concen: 99.209 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

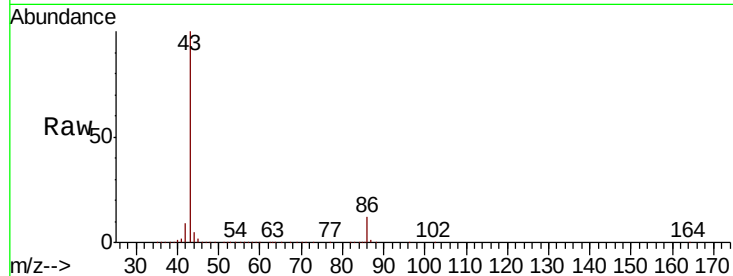
ClientSampled :

Tot Ion: 43 Resp: 617528

Ion Ratio Lower Upper

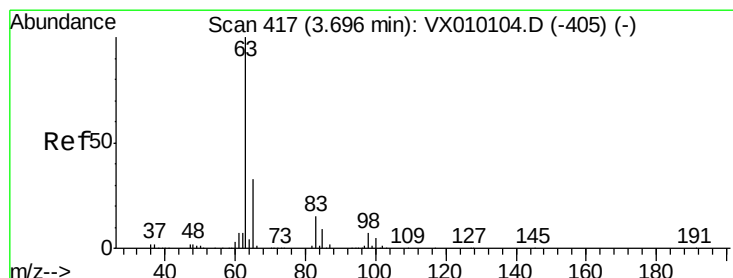
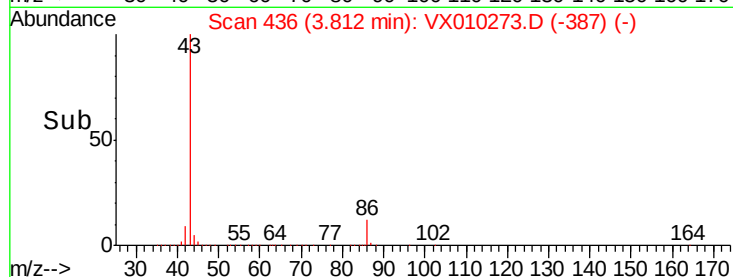
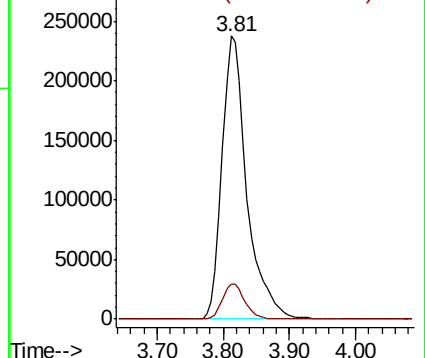
43 100

86 12.3 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.389 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

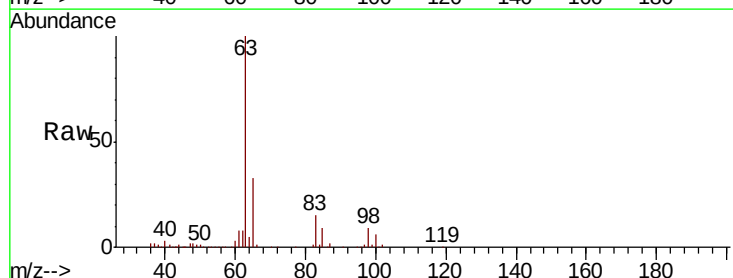
Tgt Ion: 63 Resp: 82139

Ion Ratio Lower Upper

63 100

98 8.8 2.9 8.8

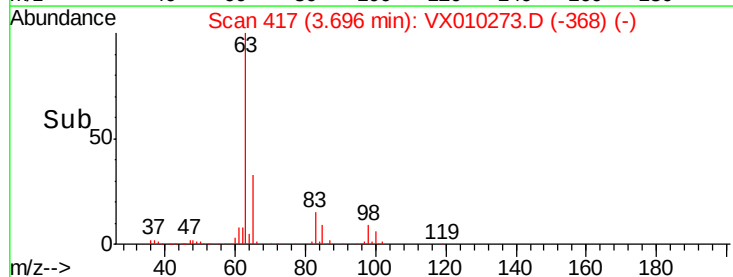
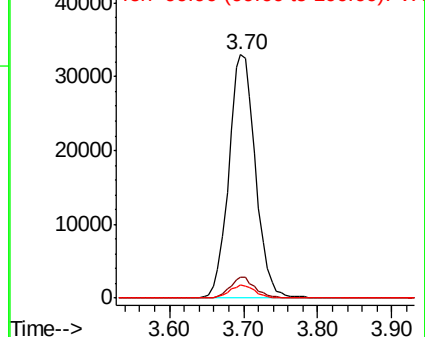
100 5.6 1.8 5.4#

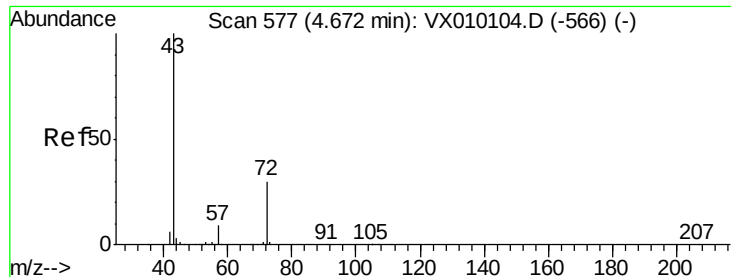


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 102.341 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

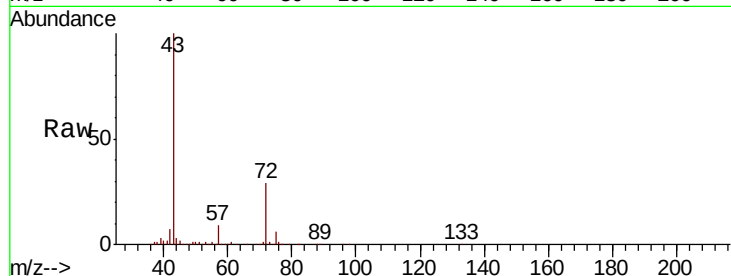
ClientSampleId :

Tot Ion: 43 Resp: 188319

Ion Ratio Lower Upper

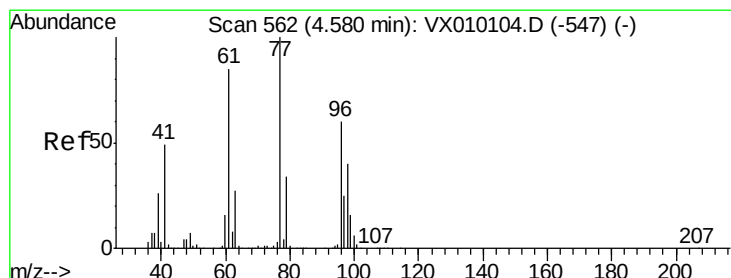
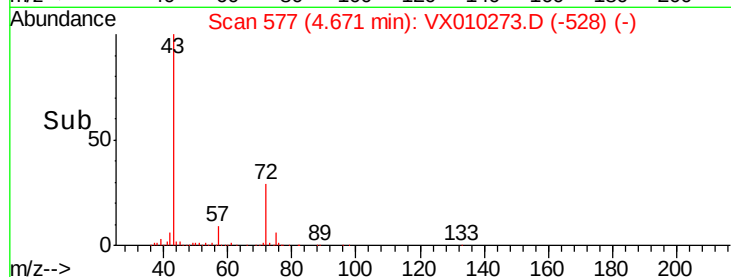
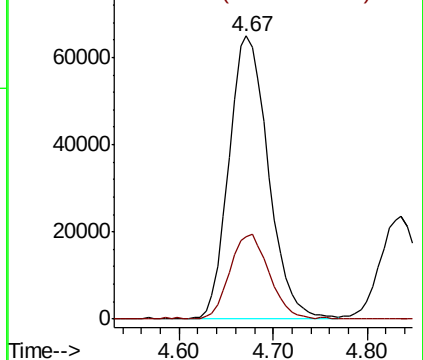
43 100

72 28.9 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.394 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010273.D

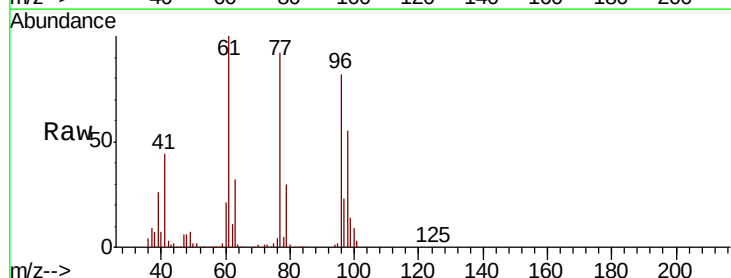
Acq: 13 Jun 2019 15:25

Tgt Ion: 77 Resp: 63359

Ion Ratio Lower Upper

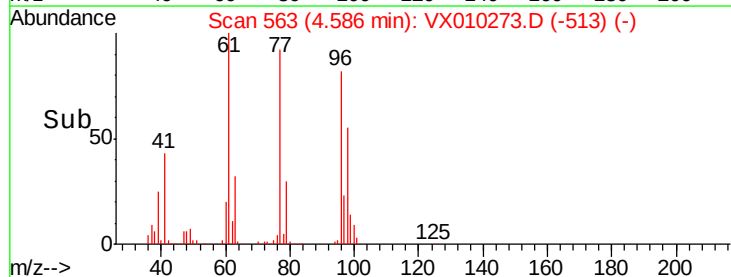
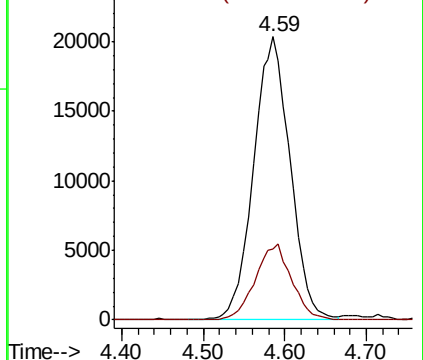
77 100

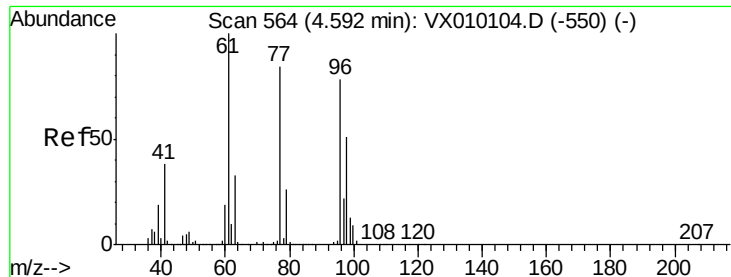
97 26.5 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



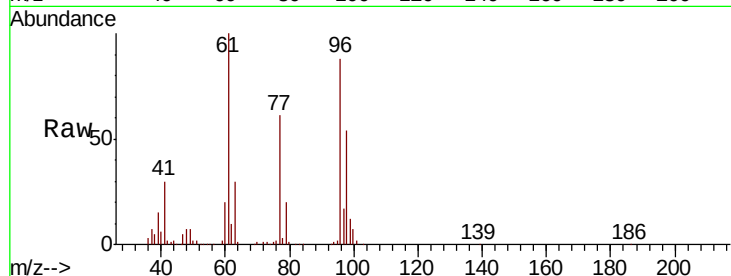


#27

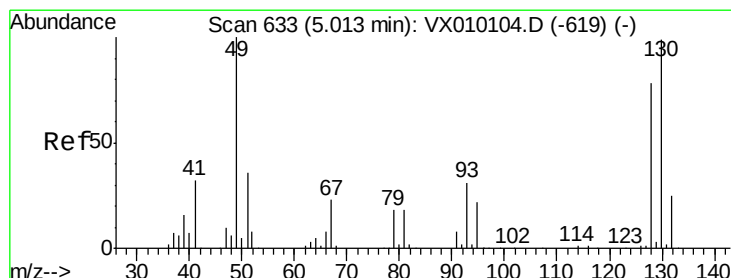
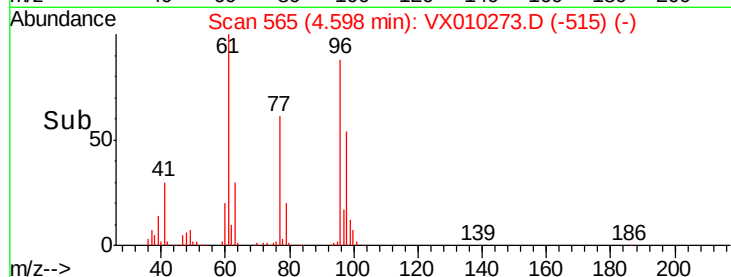
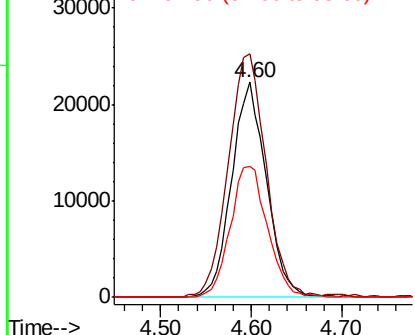
cis-1,2-Dichloroethene
Concen: 19.974 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010273.D
Acq: 13 Jun 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.1	0.0	334.0
98	65.0	0.0	131.6



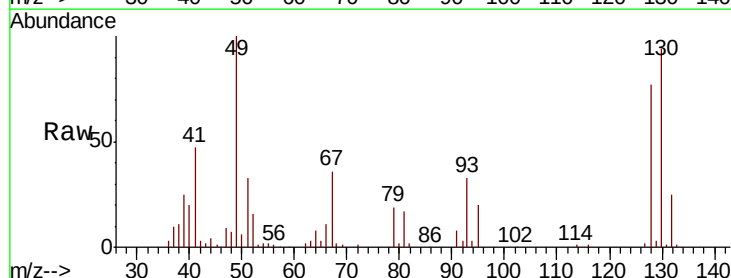
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



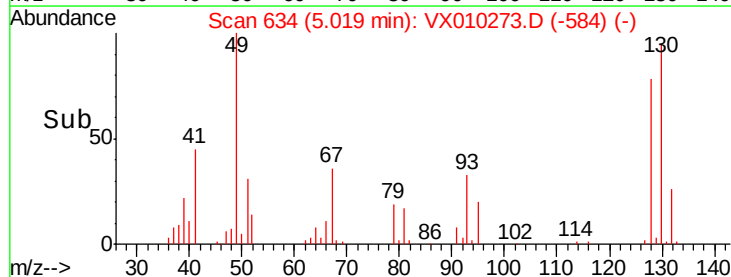
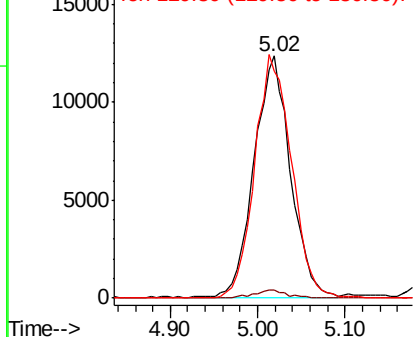
#28

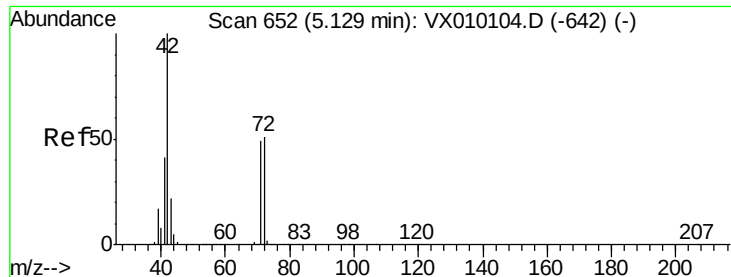
Bromochloromethane
Concen: 18.981 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010273.D
Acq: 13 Jun 2019 15:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	3.4
130	100.7	49.4	74.2#



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

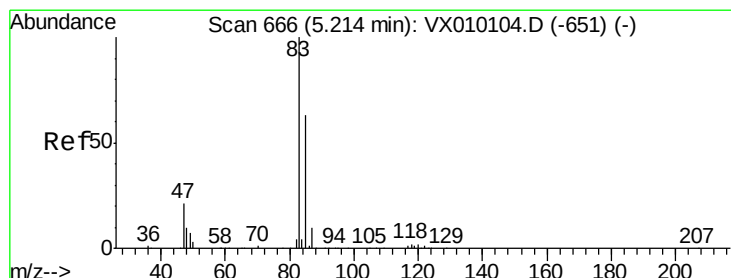
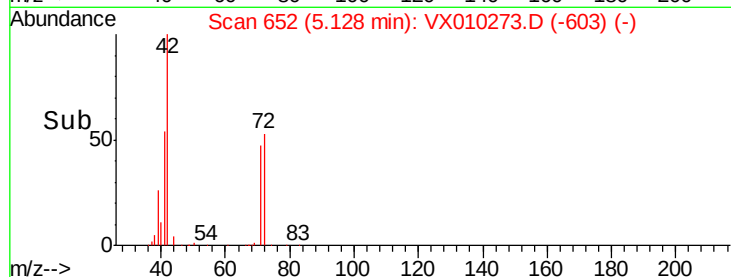
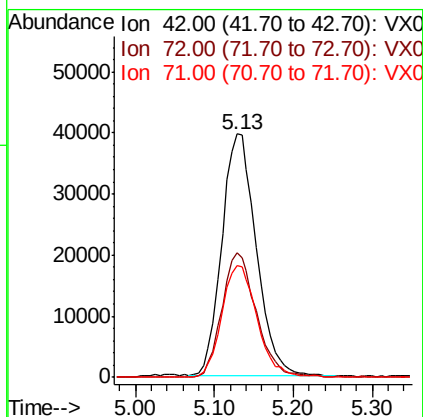
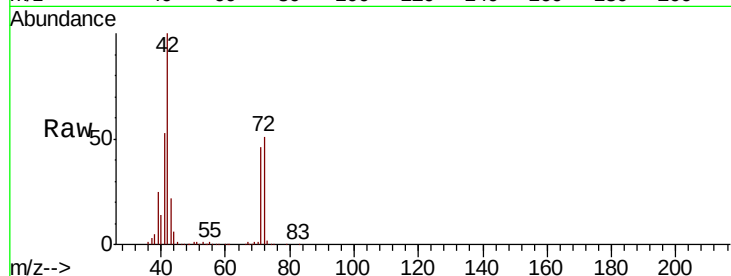




#29
Tetrahydrofuran
Concen: 103.798 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010273.D
Acq: 13 Jun 2019 15:25

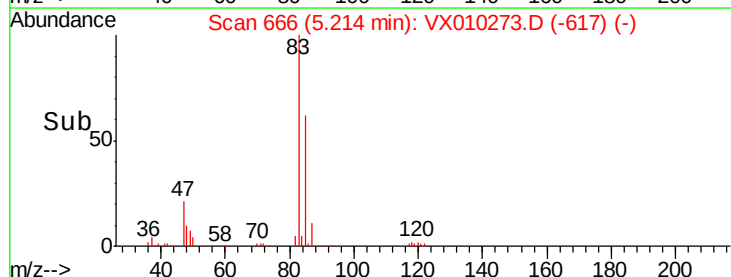
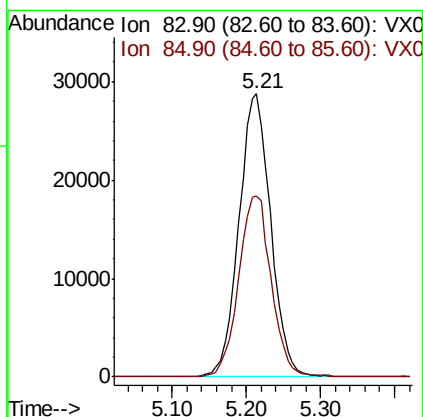
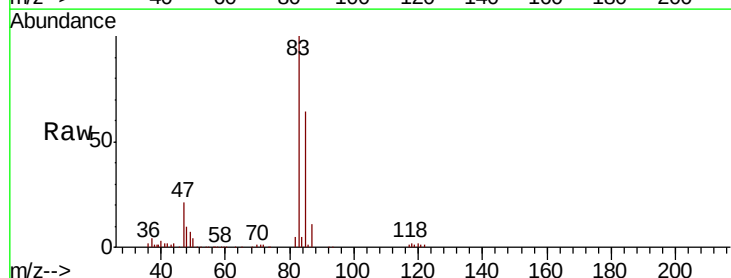
Instrument :
MSVOA_X
ClientSampleId :

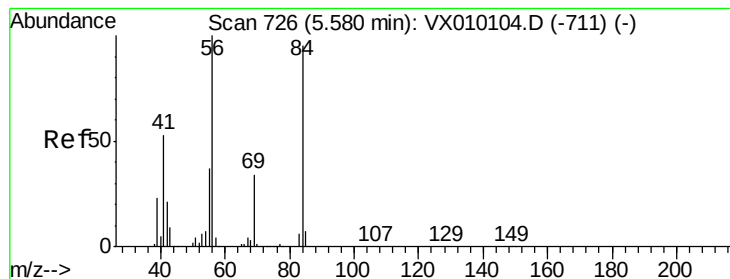
Tot Ion: 42 Resp: 120035
Ion Ratio Lower Upper
42 100
72 51.7 29.2 43.8#
71 47.4 27.6 41.4#



#30
Chloroform
Concen: 19.598 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010273.D
Acq: 13 Jun 2019 15:25

Tgt Ion: 83 Resp: 86223
Ion Ratio Lower Upper
83 100
85 64.0 52.6 78.8





#31

Cyclohexane

Concen: 19.067 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

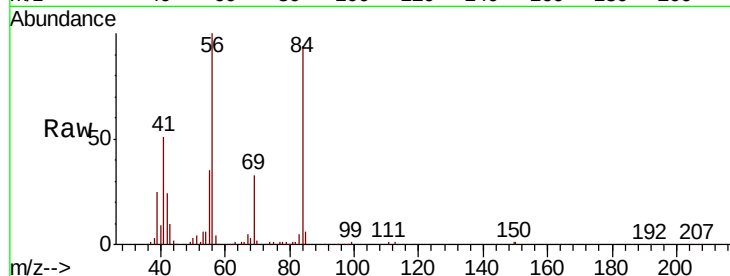
Tot Ion: 56 Resp: 72901

Ion Ratio Lower Upper

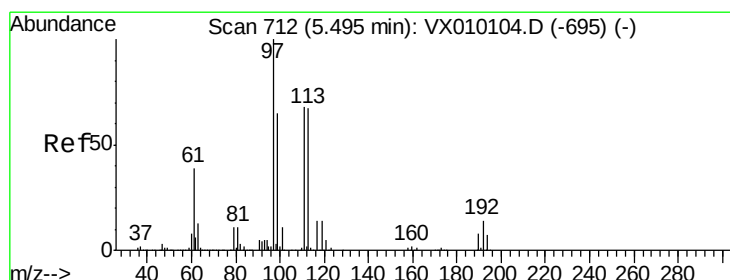
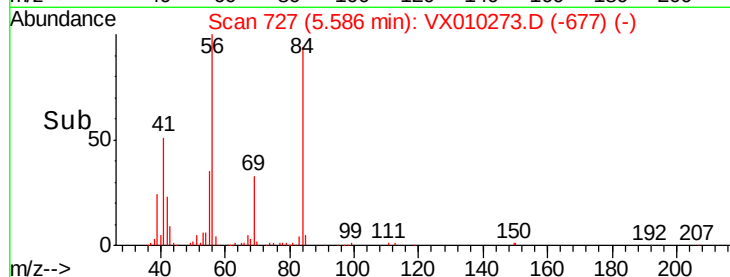
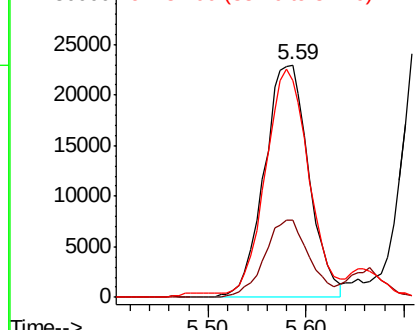
56 100

69 32.8 21.6 32.4#

84 91.8 56.8 85.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.883 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

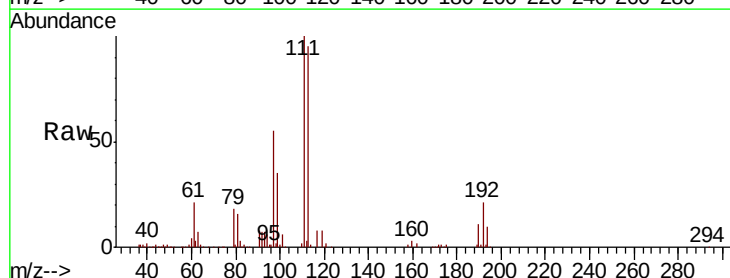
Tgt Ion: 97 Resp: 78100

Ion Ratio Lower Upper

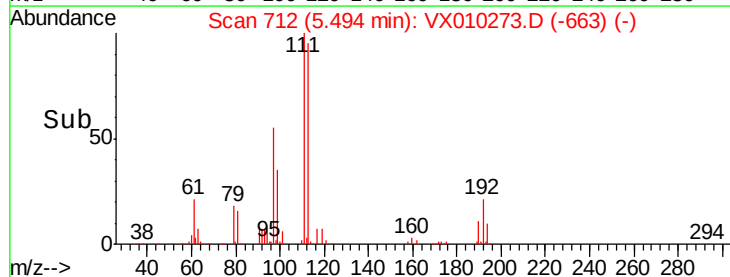
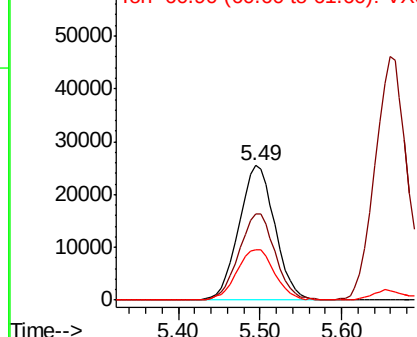
97 100

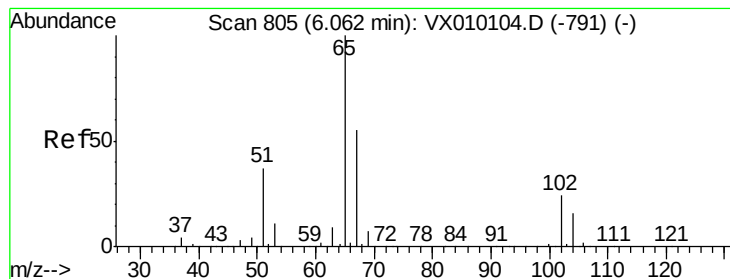
99 64.3 51.0 76.4

61 39.6 38.7 58.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.518 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

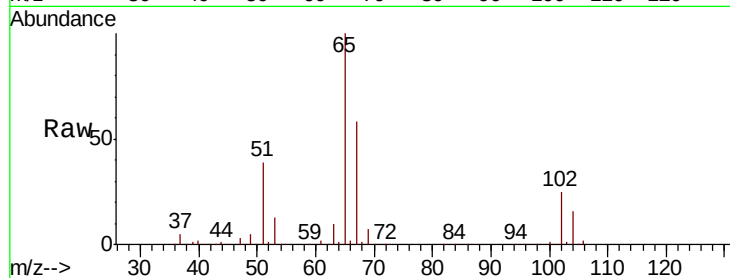
ClientSampled :

Tot Ion: 65 Resp: 132726

Ion Ratio Lower Upper

65 100

67 55.5 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

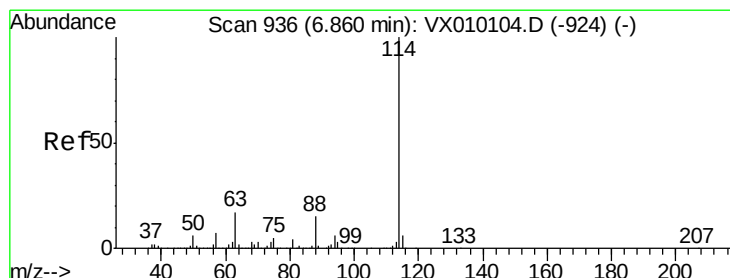
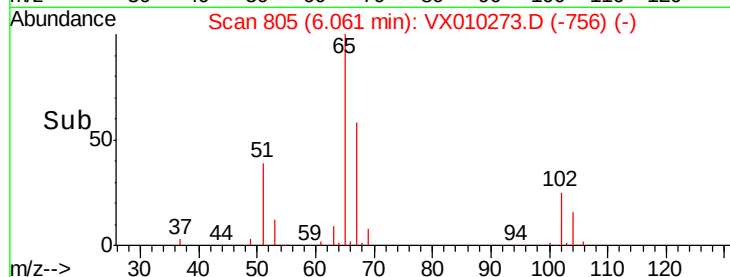
20000

10000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

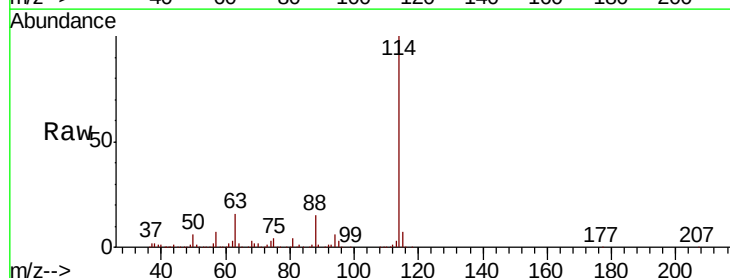
Tgt Ion: 114 Resp: 410651

Ion Ratio Lower Upper

114 100

63 16.5 0.0 47.4

88 14.7 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

200000

150000

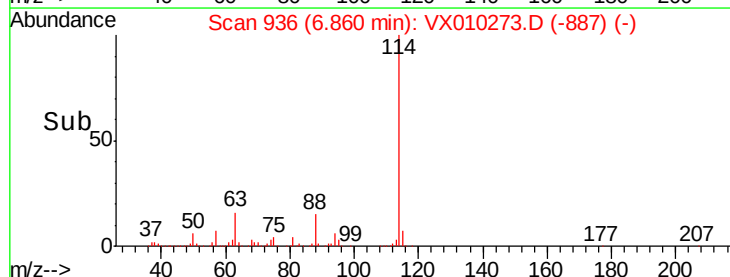
100000

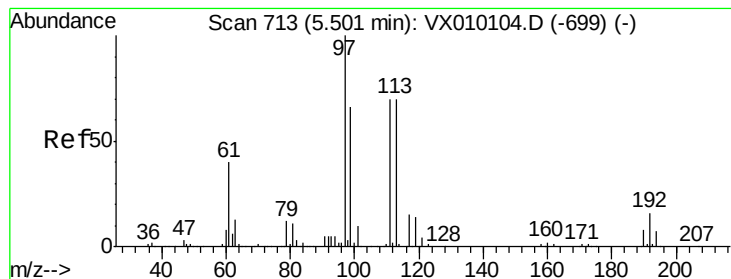
50000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 52.164 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

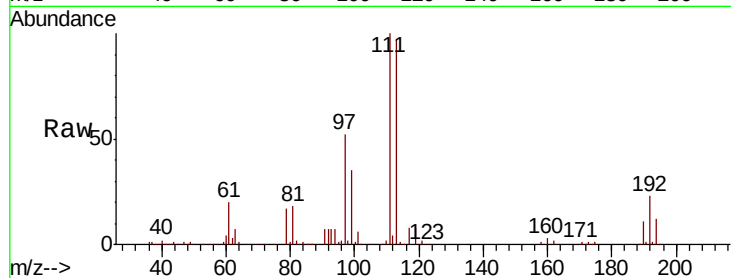
Tot Ion:113 Resp: 132131

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

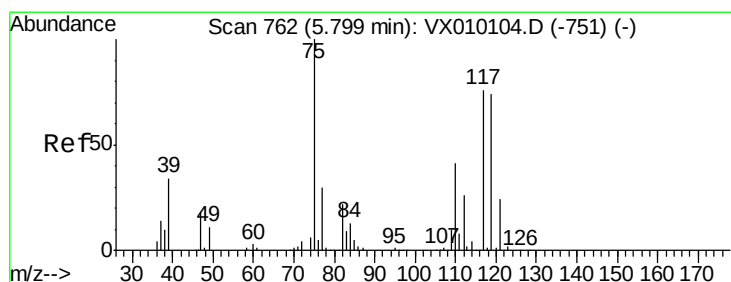
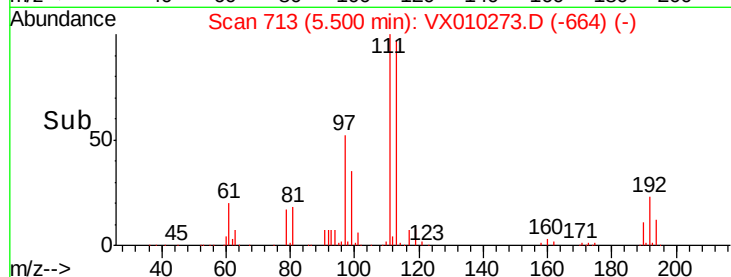
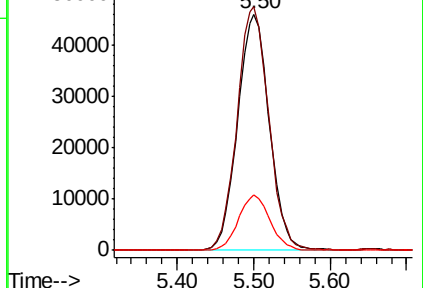
192 23.3 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.249 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

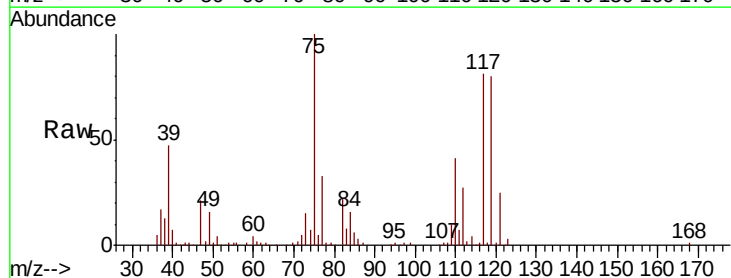
Tgt Ion: 75 Resp: 61138

Ion Ratio Lower Upper

75 100

110 42.3 16.7 50.1

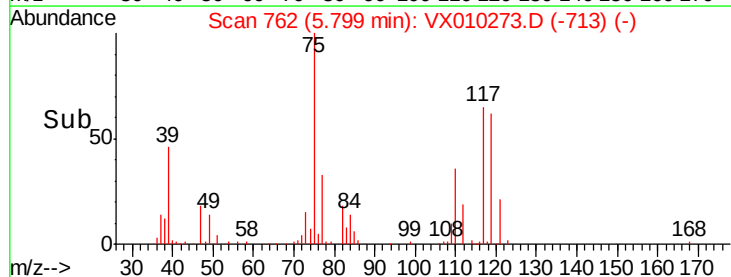
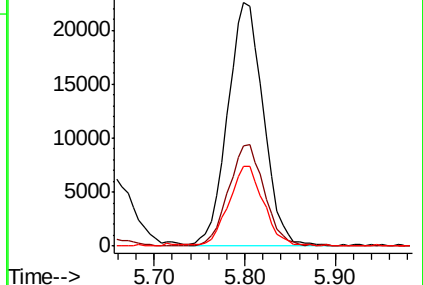
77 32.8 25.0 37.4

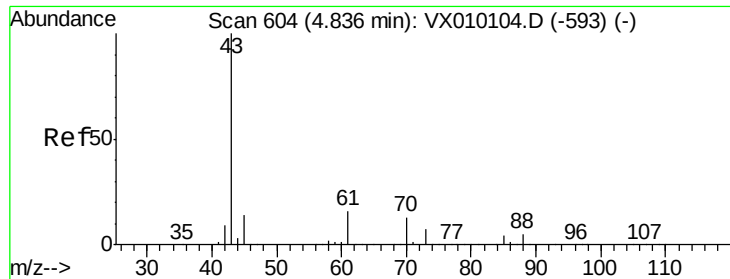


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

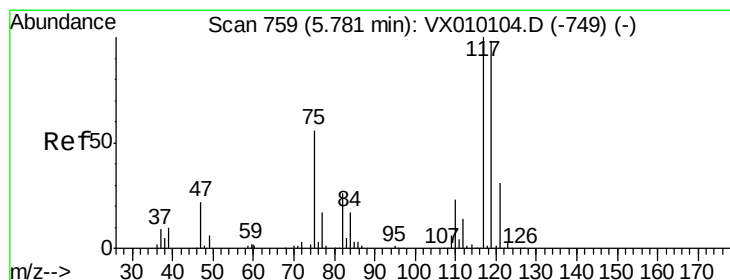
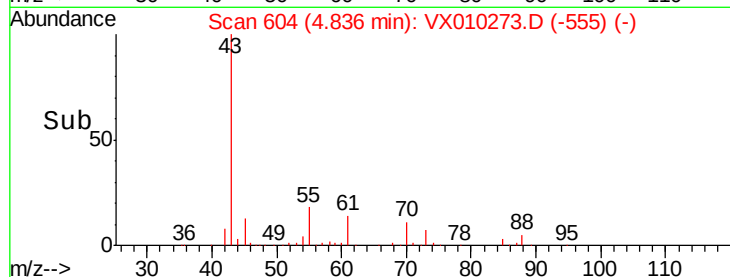
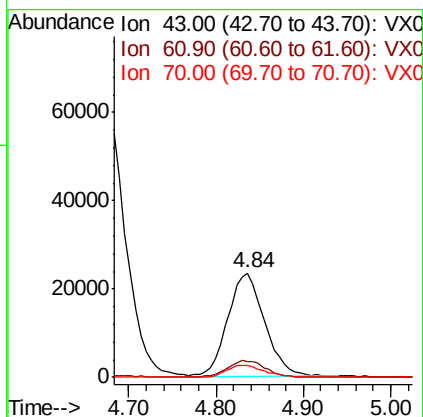
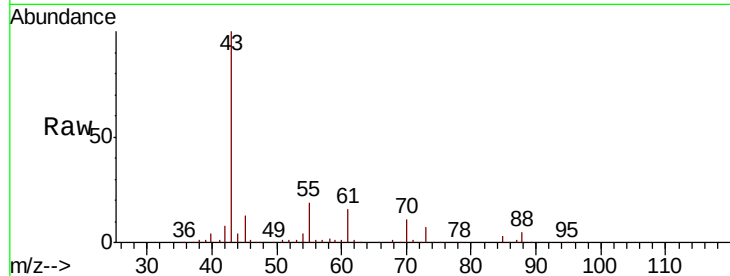




#37
Ethyl Acetate
Concen: 19.644 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010273.D
Acq: 13 Jun 2019 15:25

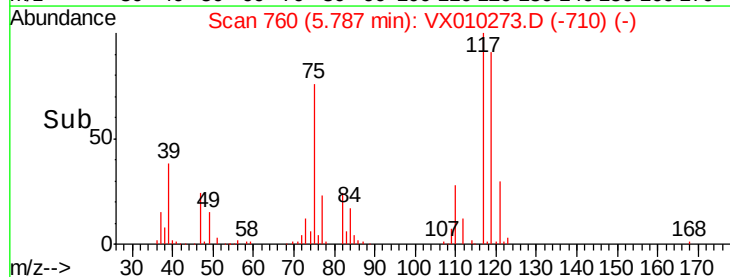
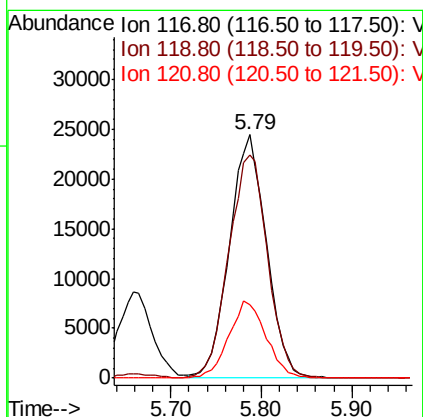
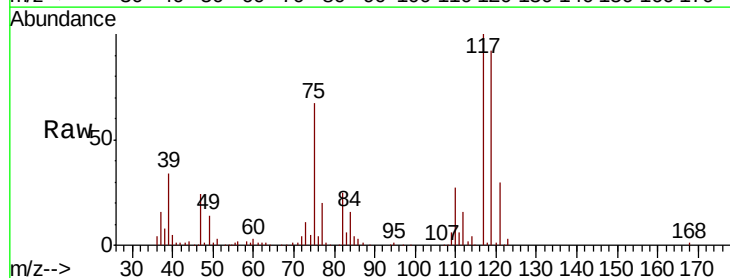
Instrument :
MSVOA_X
ClientSampleId :

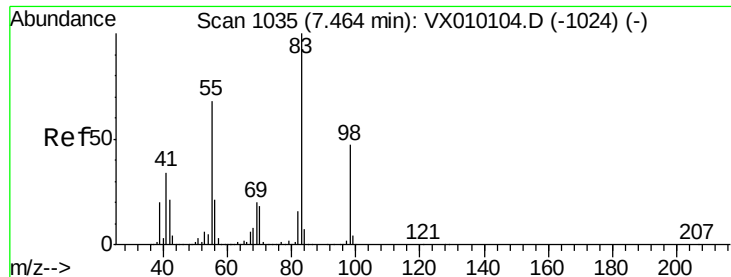
Tot Ion: 43 Resp: 68476
Ion Ratio Lower Upper
43 100
61 17.2 10.2 15.2#
70 12.4 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 18.263 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010273.D
Acq: 13 Jun 2019 15:25

Tgt Ion: 117 Resp: 69257
Ion Ratio Lower Upper
117 100
119 91.5 77.3 115.9
121 30.3 25.4 38.0

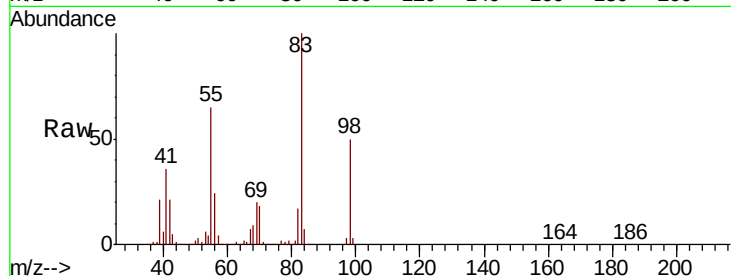




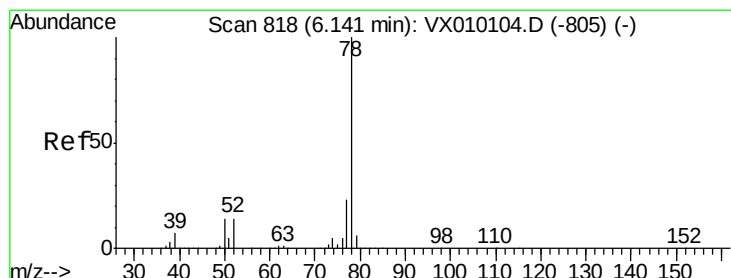
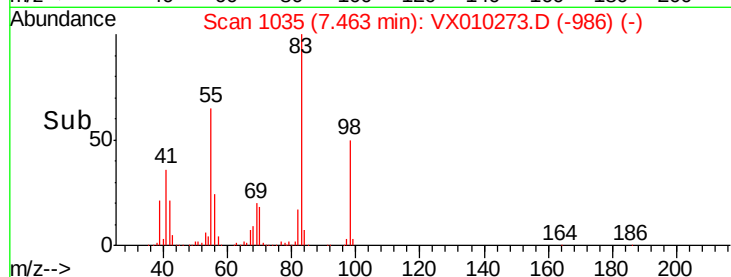
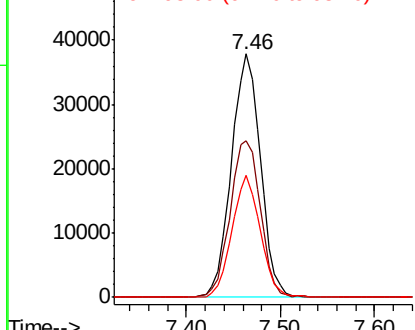
#39
Methylvlcyclohexane
Concen: 17.846 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010273.D
Acq: 13 Jun 2019 15:25

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 81415
Ion Ratio Lower Upper
83 100
55 64.6 69.9 104.9#
98 50.3 35.1 52.7

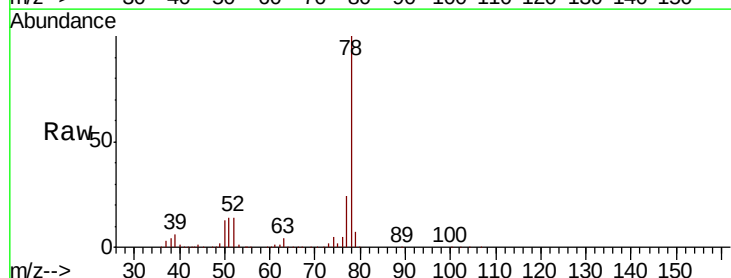


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

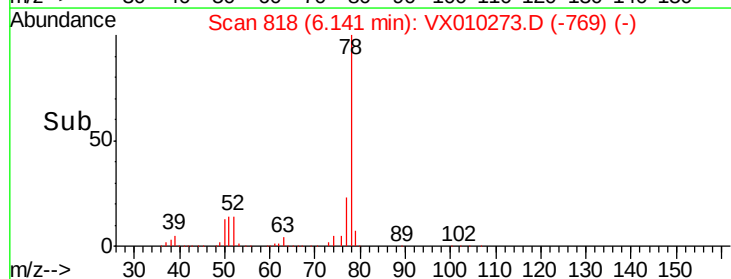
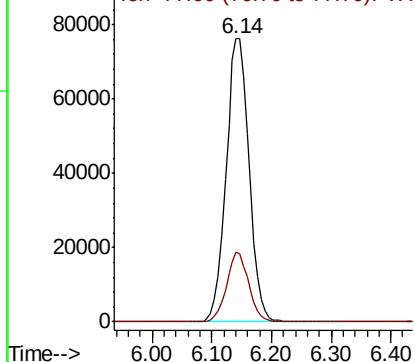


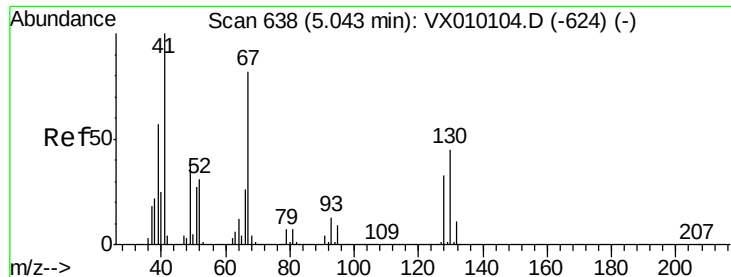
#40
Benzene
Concen: 19.686 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010273.D
Acq: 13 Jun 2019 15:25

Tgt Ion: 78 Resp: 203942
Ion Ratio Lower Upper
78 100
77 24.4 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: 19.334 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 36456

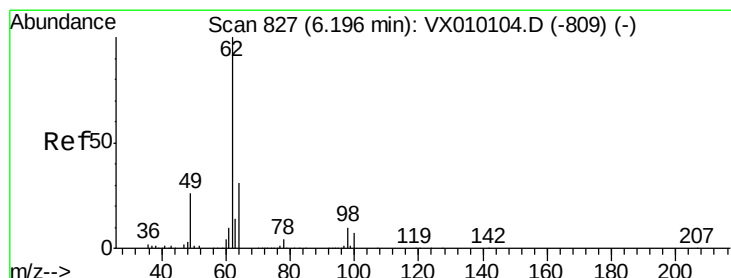
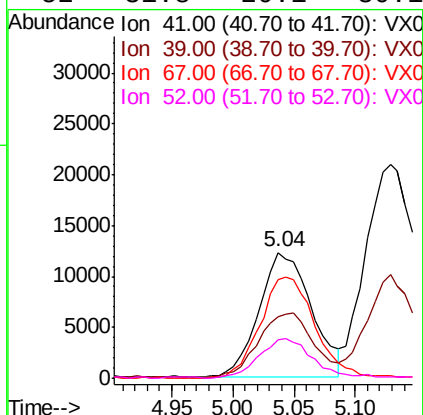
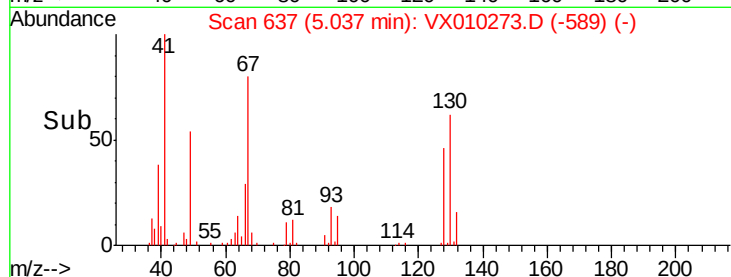
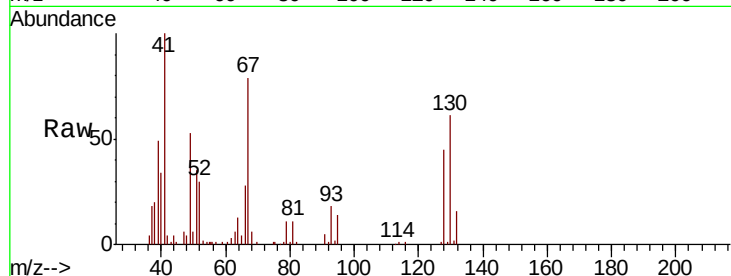
Ion Ratio Lower Upper

41 100

39 53.9 42.2 63.4

67 86.4 48.9 73.3#

52 31.8 20.1 30.1#



#42

1,2-Dichloroethane

Concen: 19.272 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX010273.D

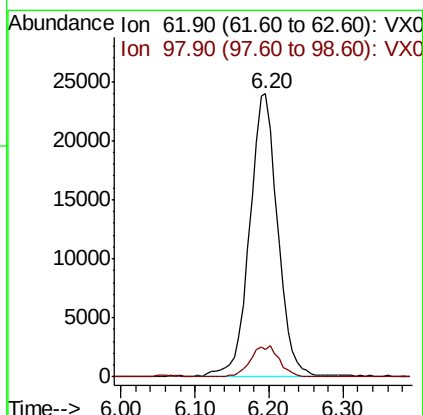
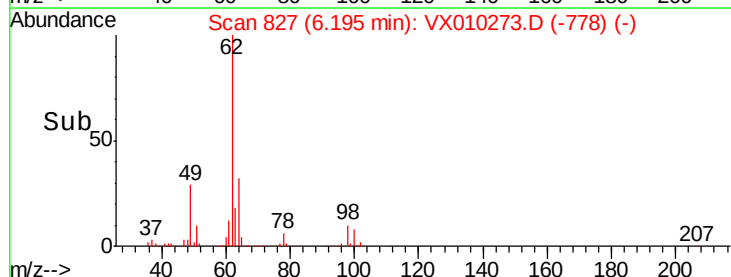
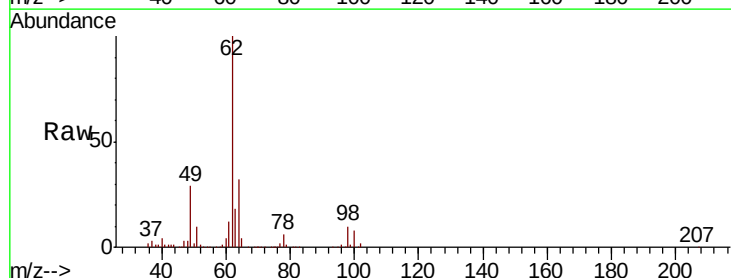
Acq: 13 Jun 2019 15:25

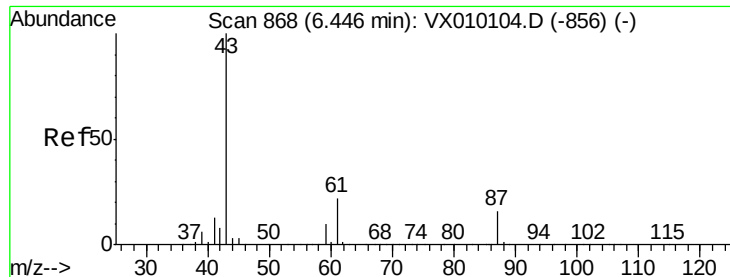
Tgt Ion: 62 Resp: 63739

Ion Ratio Lower Upper

62 100

98 11.2 0.0 17.2





#43

Isopropyl Acetate

Concen: 19.444 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

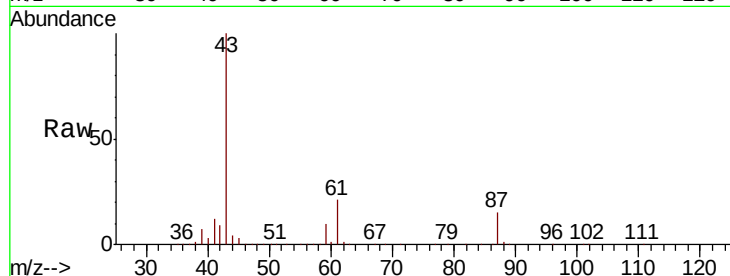
Tot Ion: 43 Resp: 113325

Ion Ratio Lower Upper

43 100

61 22.2 14.6 21.8#

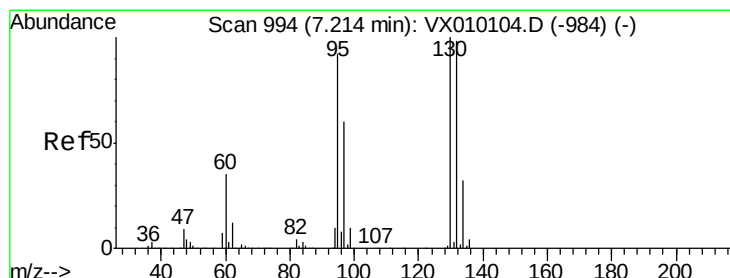
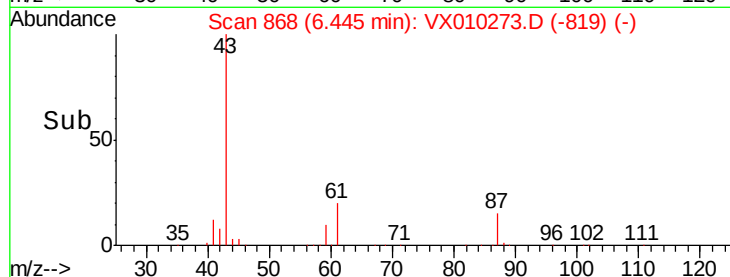
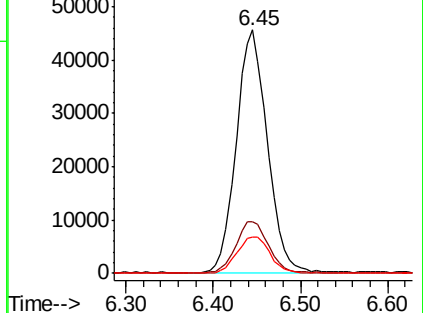
87 15.8 8.7 13.1#



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: 19.137 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010273.D

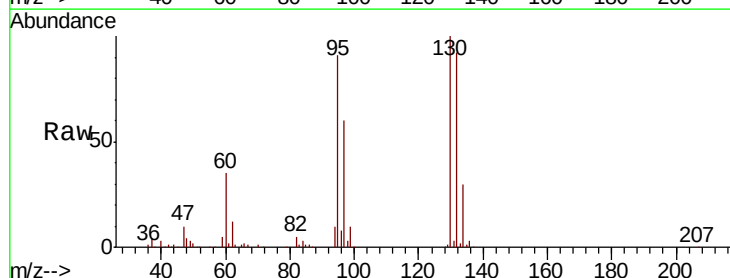
Acq: 13 Jun 2019 15:25

Tgt Ion:130 Resp: 59758

Ion Ratio Lower Upper

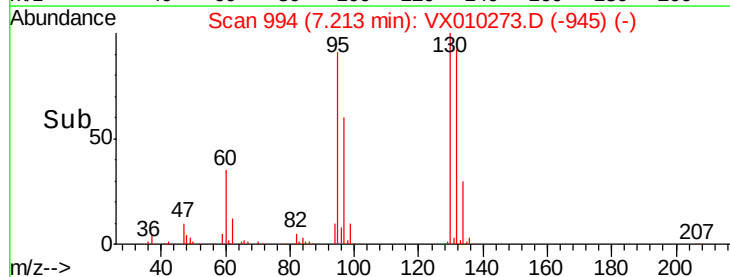
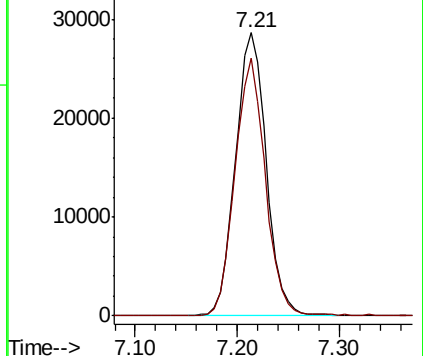
130 100

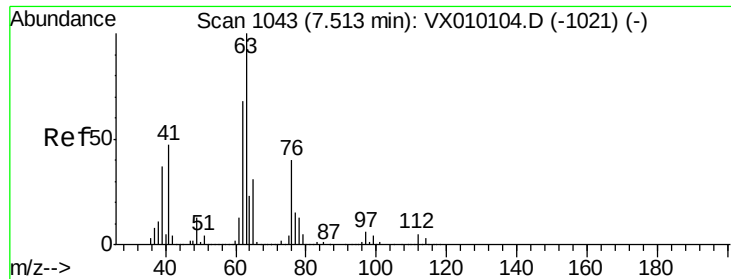
95 90.9 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

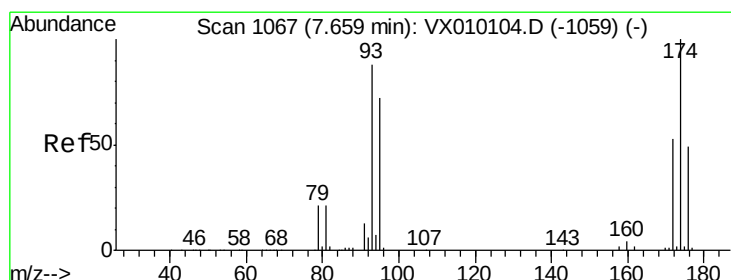
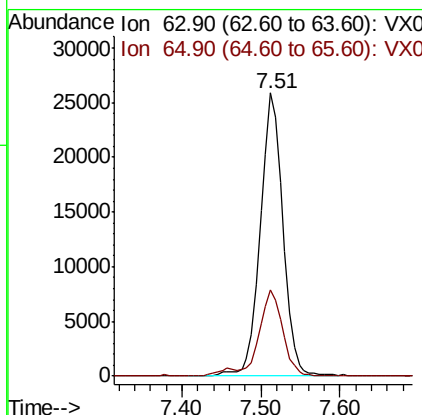
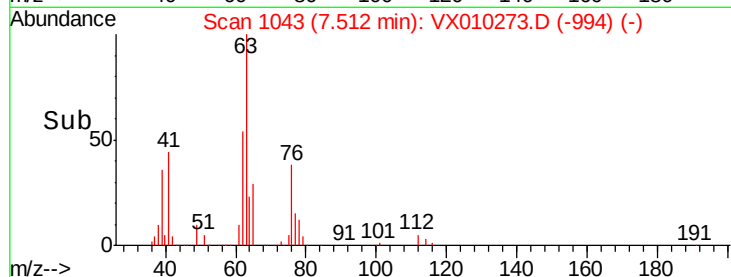
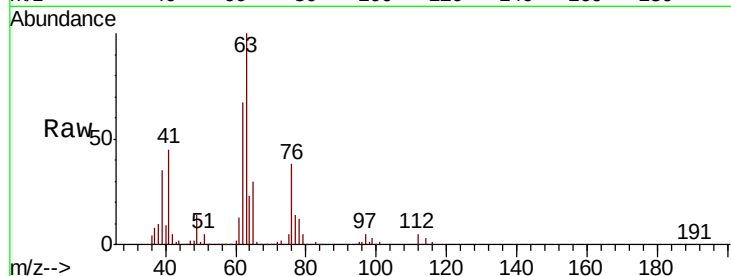




#45
 1,2-Dichloropropane
 Concen: 19.945 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010273.D
 Acq: 13 Jun 2019 15:25

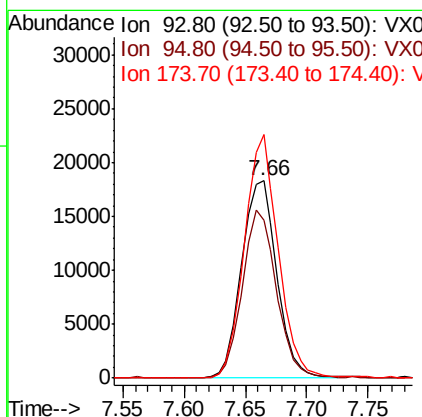
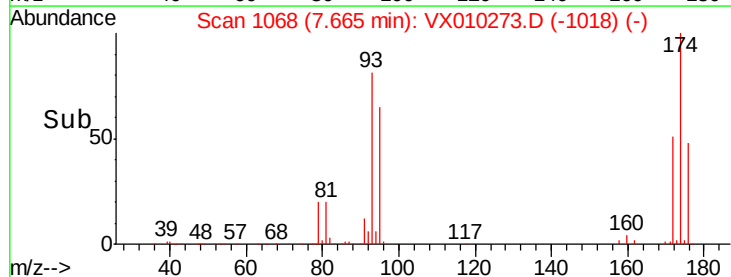
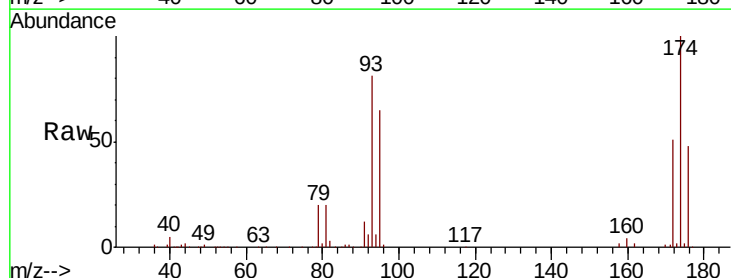
Instrument :
 MSVOA_X
 ClientSampleId :

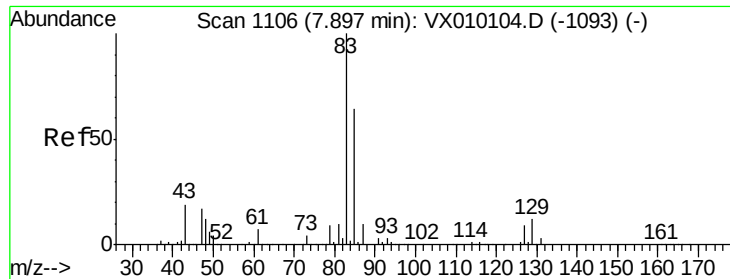
Tot Ion: 63 Resp: 51717
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.7 38.5



#46
 Dibromomethane
 Concen: 18.997 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX010273.D
 Acq: 13 Jun 2019 15:25

Tgt Ion: 93 Resp: 36904
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.8 100.2
 174 117.9 81.9 122.9





#47

Bromodichloromethane

Concen: 18.699 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

ClientSampled :

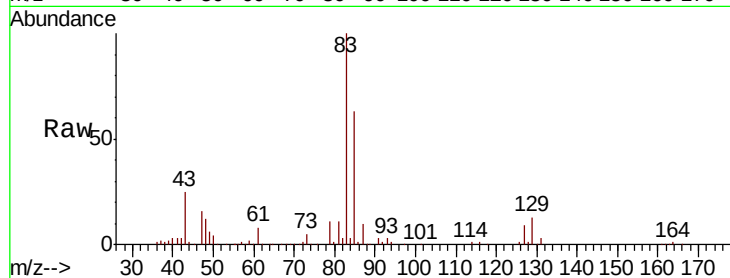
Tot Ion: 83 Resp: 67875

Ion Ratio Lower Upper

83 100

85 62.8 51.4 77.2

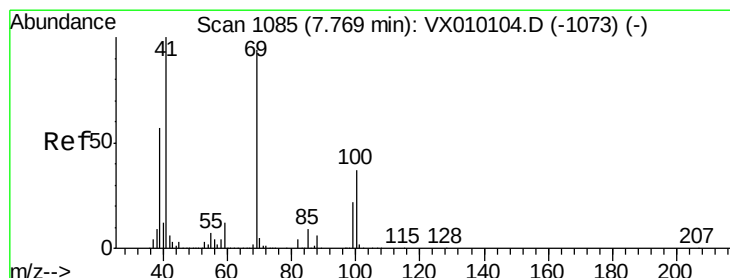
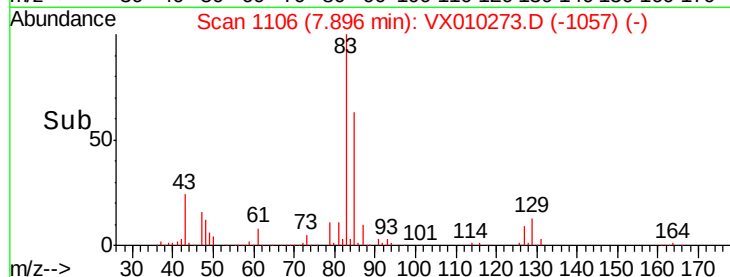
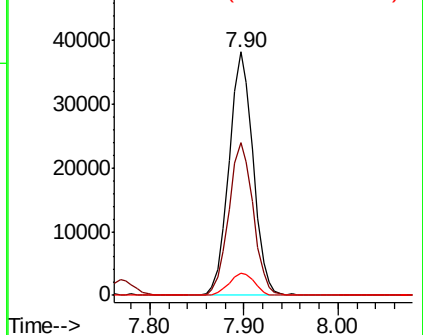
127 9.0 6.4 9.6



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: 19.251 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

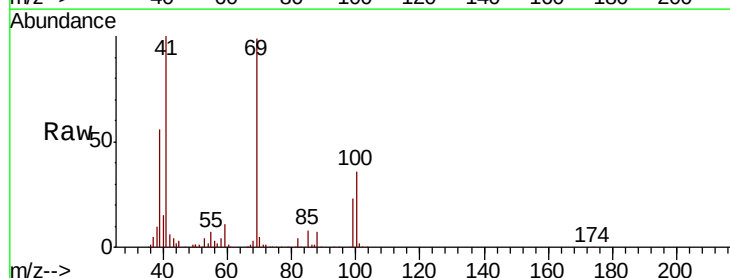
Tgt Ion: 41 Resp: 52473

Ion Ratio Lower Upper

41 100

69 99.0 56.4 84.6#

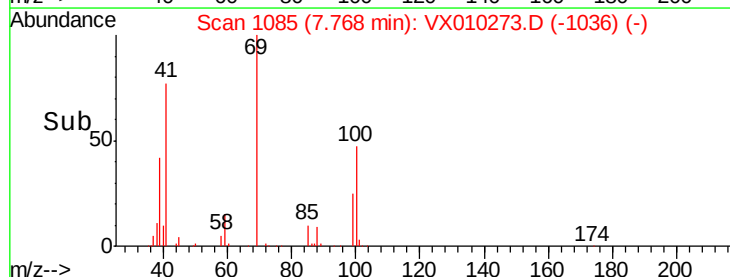
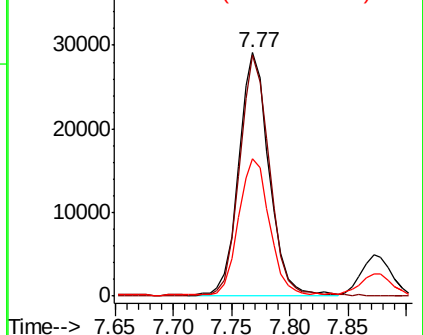
39 57.0 40.6 60.8

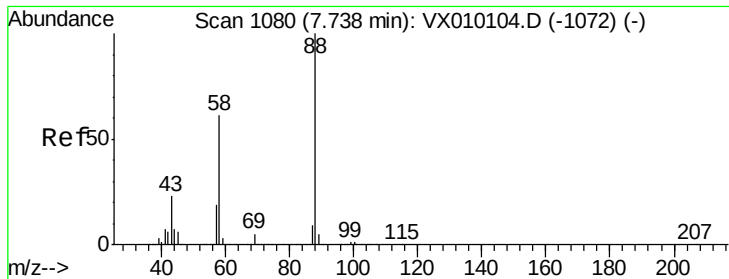


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

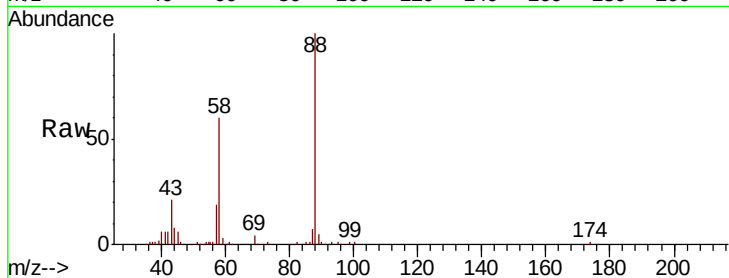




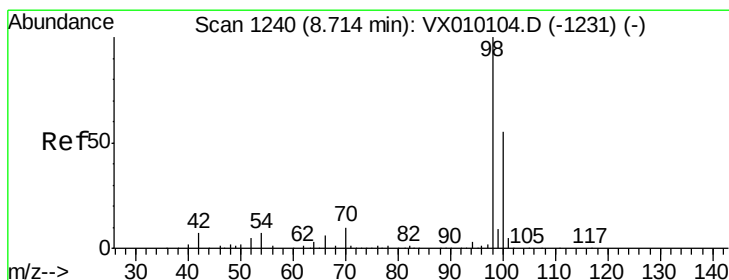
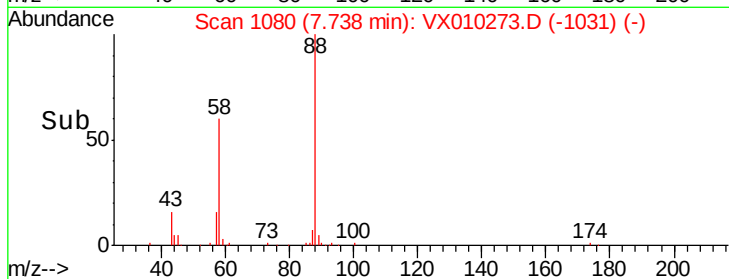
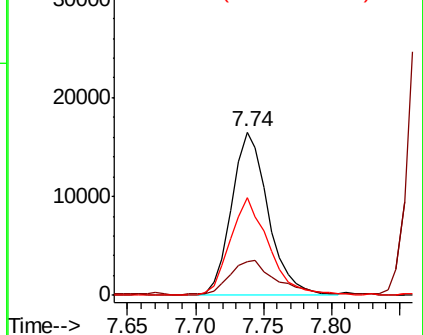
#49
1,4-Dioxane
Concen: 399.424 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010273.D
Acq: 13 Jun 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 31041
Ion Ratio Lower Upper
88 100
43 28.6 30.2 45.4#
58 63.3 64.0 96.0#

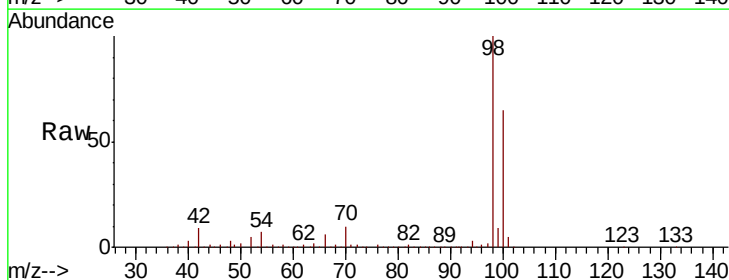


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

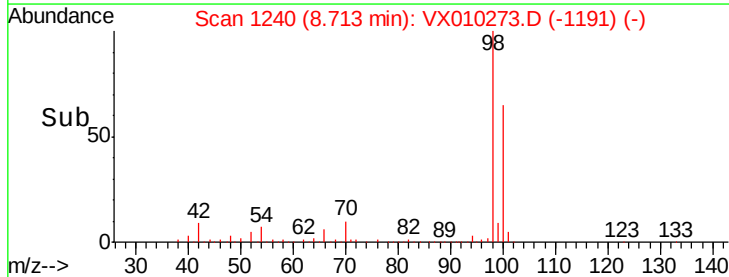
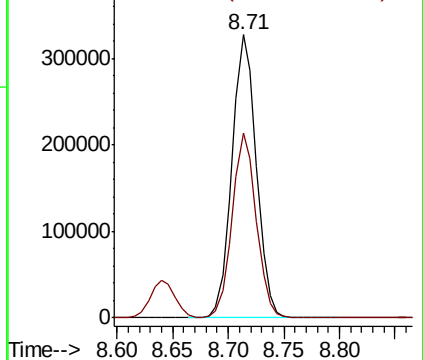


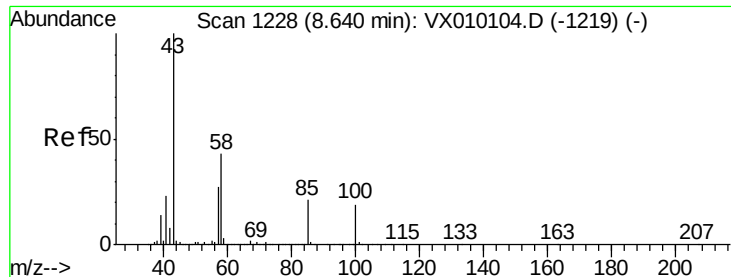
#50
Toluene-d8
Concen: 52.294 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010273.D
Acq: 13 Jun 2019 15:25

Tgt Ion: 98 Resp: 496441
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



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

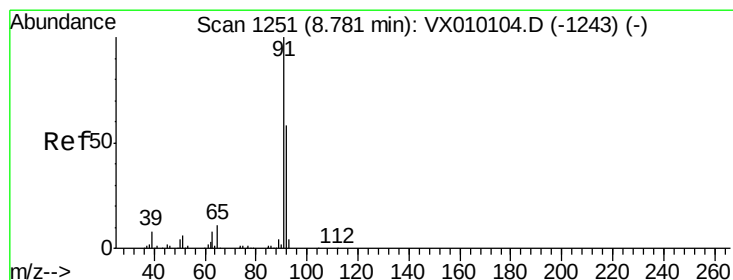
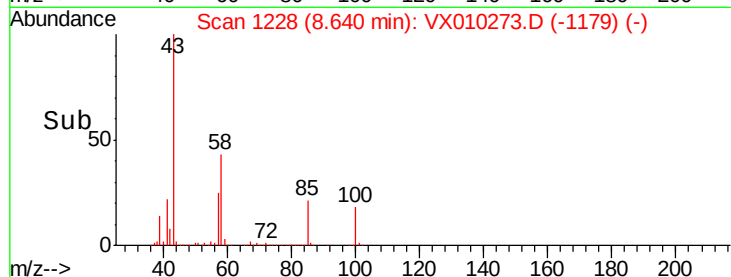
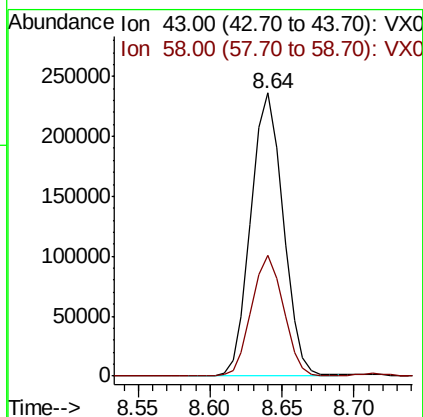
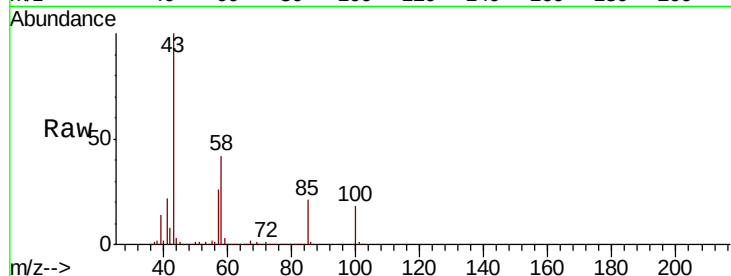




#51
 4-Methyl-2-Pentanone
 Concen: 105.568 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX010273.D
 Acq: 13 Jun 2019 15:25

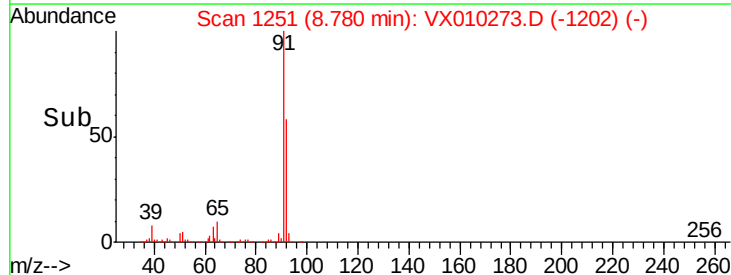
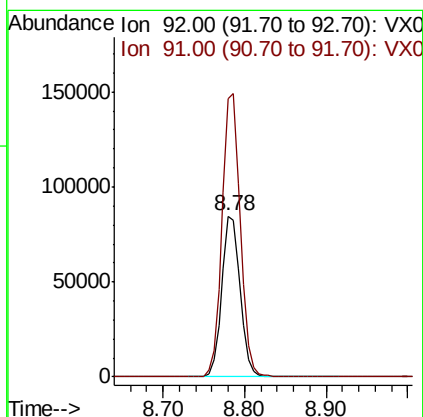
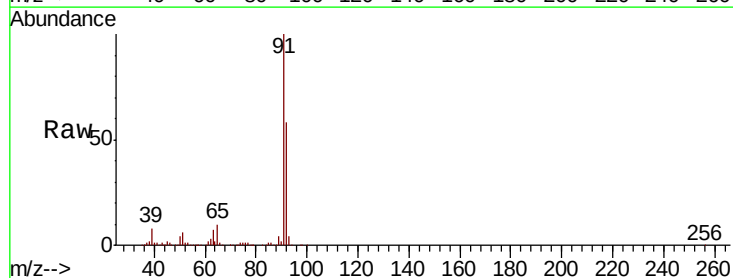
Instrument :
 MSVOA_X
 ClientSampleId :

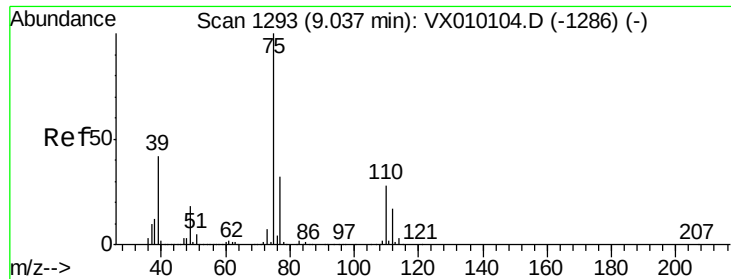
Tot Ion: 43 Resp: 367572
 Ion Ratio Lower Upper
 43 100
 58 42.2 28.8 43.2



#52
 Toluene
 Concen: 19.464 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX010273.D
 Acq: 13 Jun 2019 15:25

Tgt Ion: 92 Resp: 132548
 Ion Ratio Lower Upper
 92 100
 91 174.9 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 17.229 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

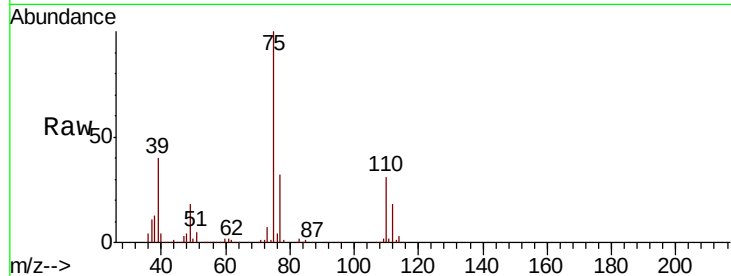
ClientSampled :

Tot Ion: 75 Resp: 72338

Ion Ratio Lower Upper

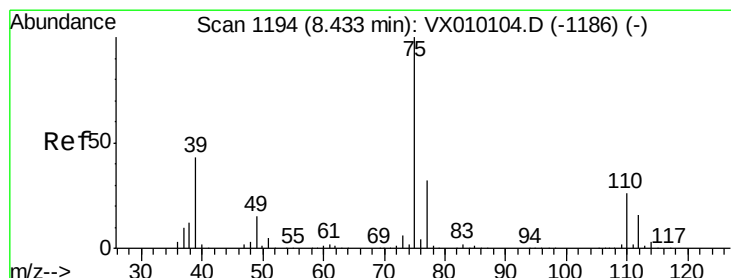
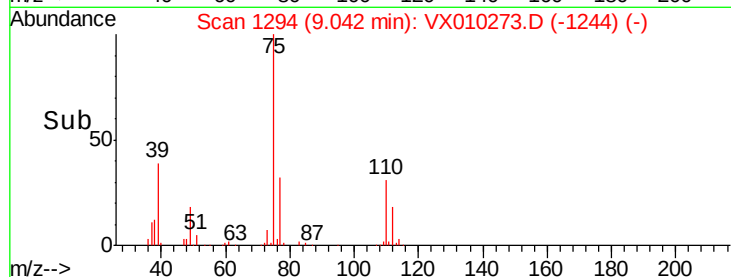
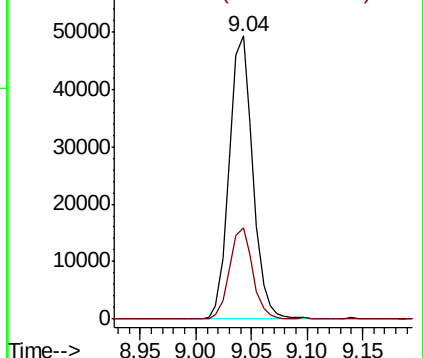
75 100

77 32.3 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 17.937 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

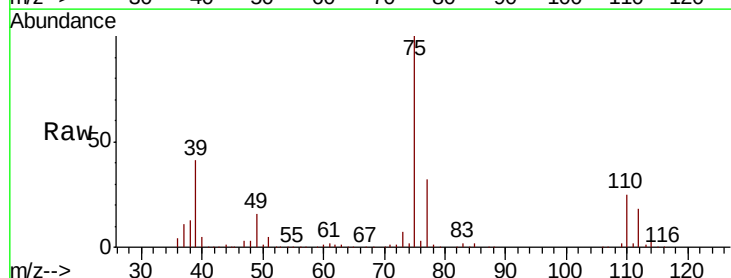
Tgt Ion: 75 Resp: 80736

Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

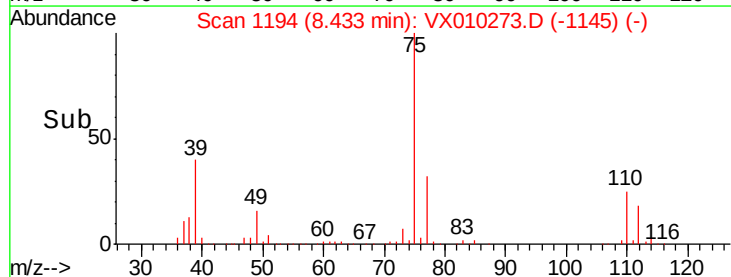
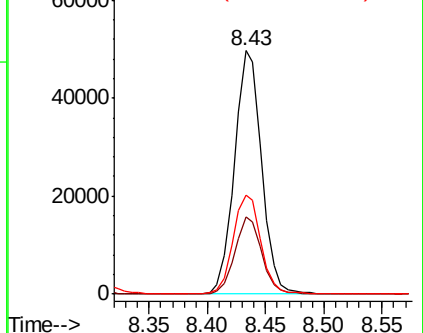
39 40.5 43.4 65.0#

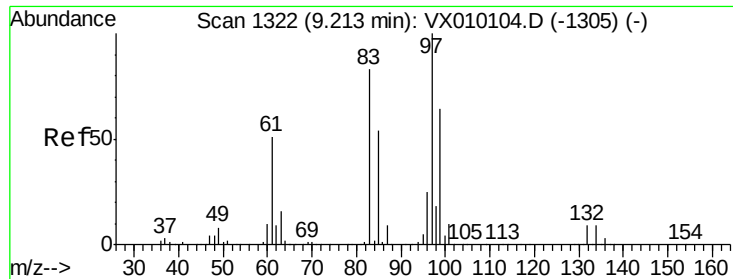


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

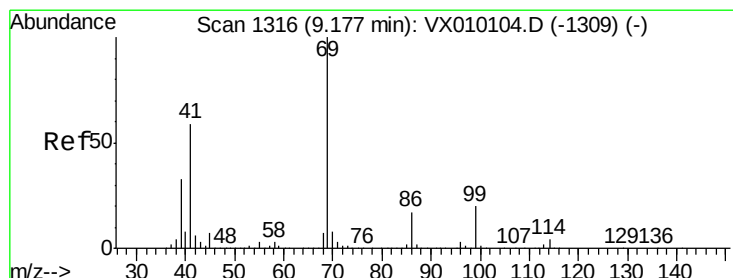
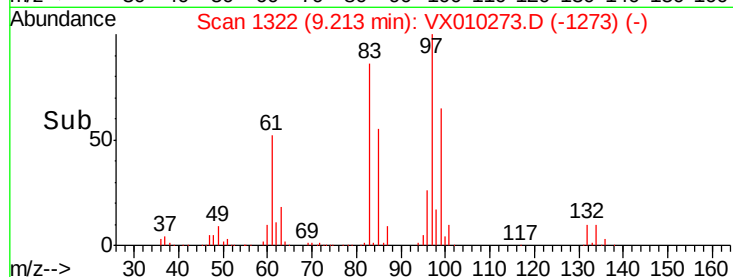
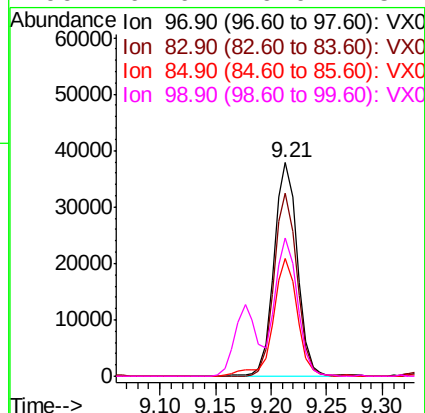
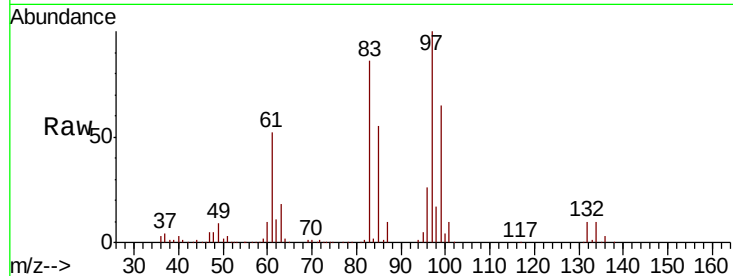




#55
 1,1,2-Trichloroethane
 Concen: 20.009 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010273.D
 Acq: 13 Jun 2019 15:25

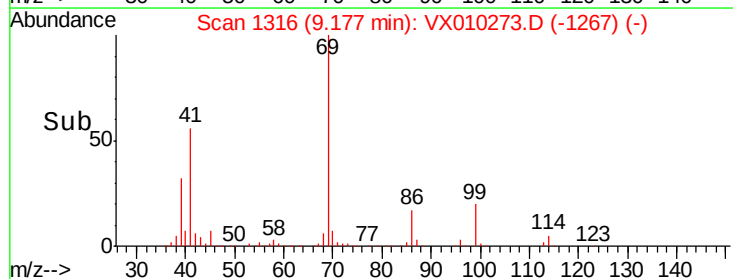
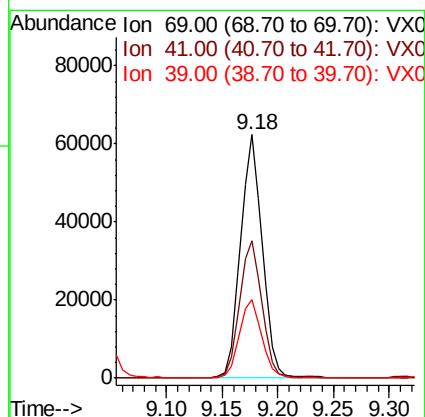
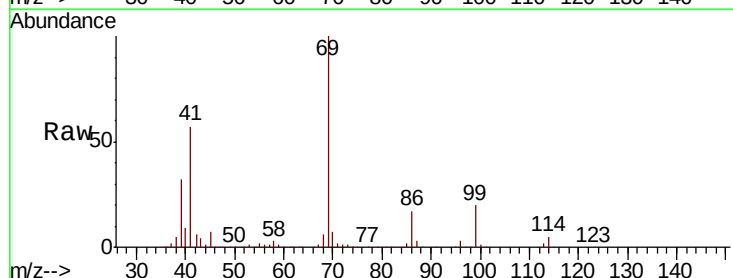
Instrument :
 MSVOA_X
 ClientSampled :

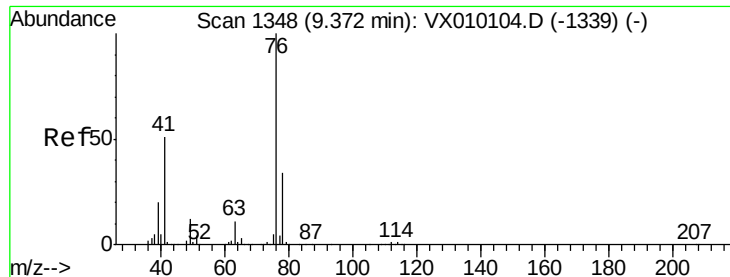
Tot Ion:	97	Resp:	55804
Ion	Ratio	Lower	Upper
97	100		
83	85.7	69.8	104.8
85	55.0	45.3	67.9
99	64.6	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 19.246 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010273.D
 Acq: 13 Jun 2019 15:25

Tgt Ion:	69	Resp:	84788
Ion	Ratio	Lower	Upper
69	100		
41	57.8	62.7	94.1#
39	32.2	29.5	44.3

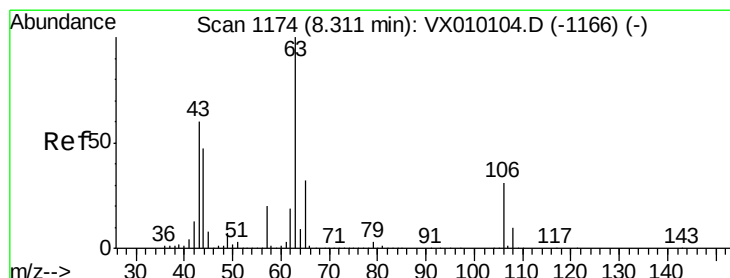
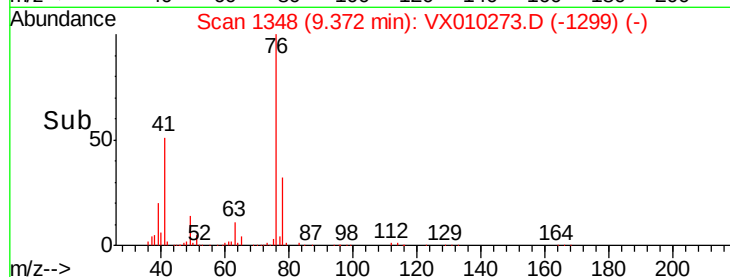
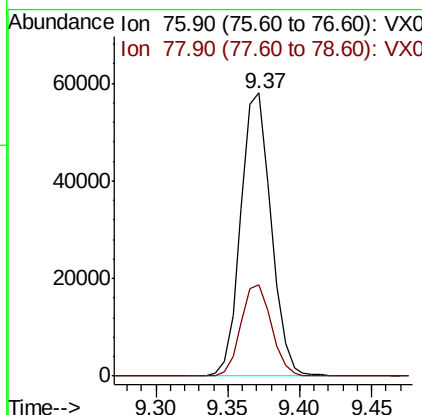
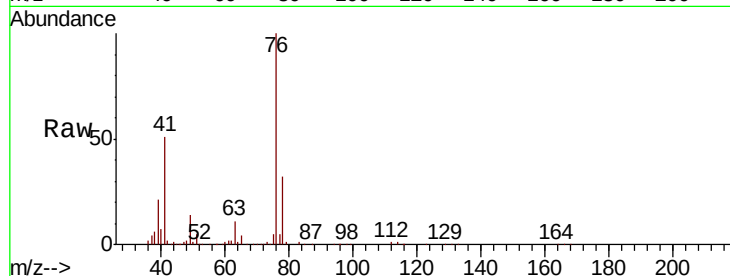




#57
 1,3-Dichloropropane
 Concen: 19.313 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010273.D
 Acq: 13 Jun 2019 15:25

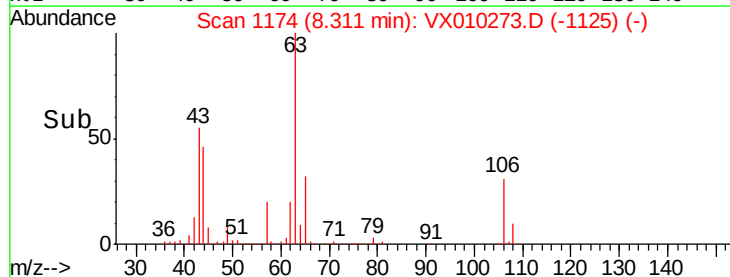
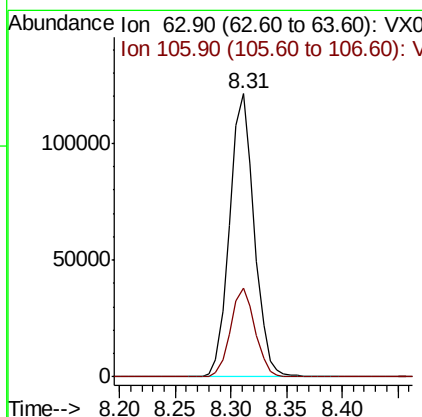
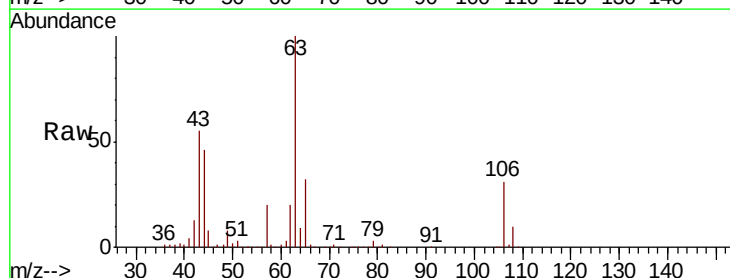
Instrument :
 MSVOA_X
 ClientSampleId :

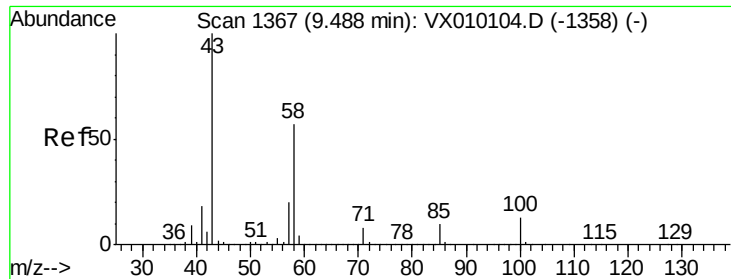
Tot Ion: 76 Resp: 84799
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.396 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010273.D
 Acq: 13 Jun 2019 15:25

Tgt Ion: 63 Resp: 185666
 Ion Ratio Lower Upper
 63 100
 106 31.3 19.4 29.2#

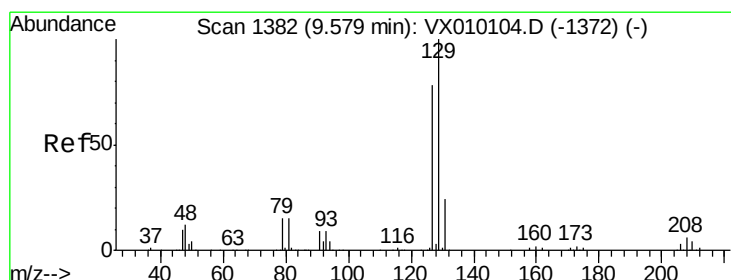
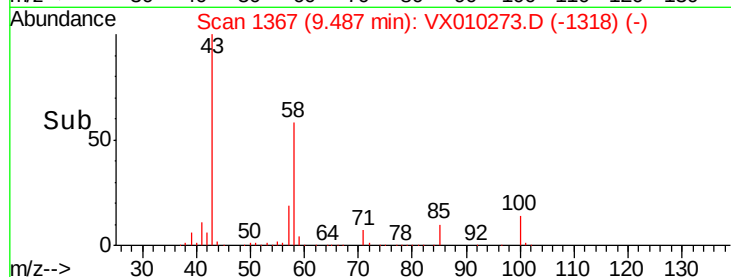
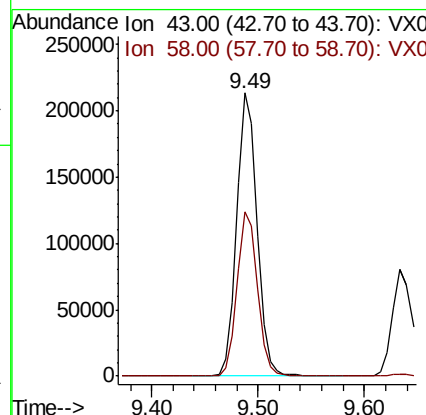
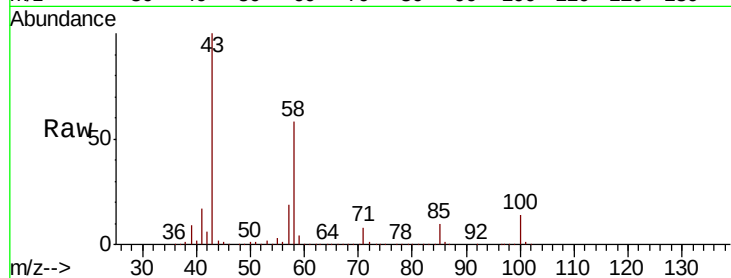




#59
2-Hexanone
Concen: 103.458 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010273.D
Acq: 13 Jun 2019 15:25

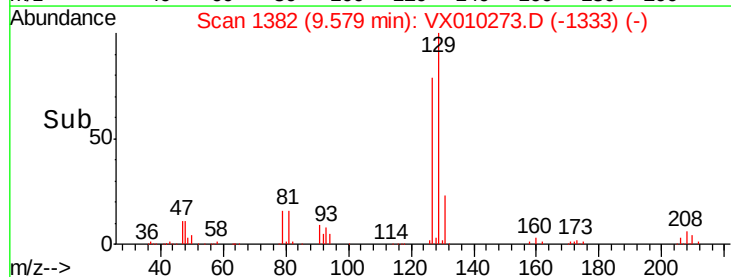
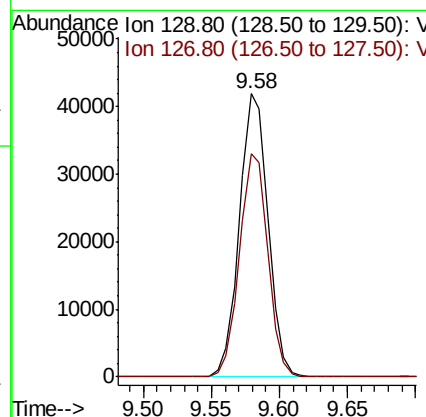
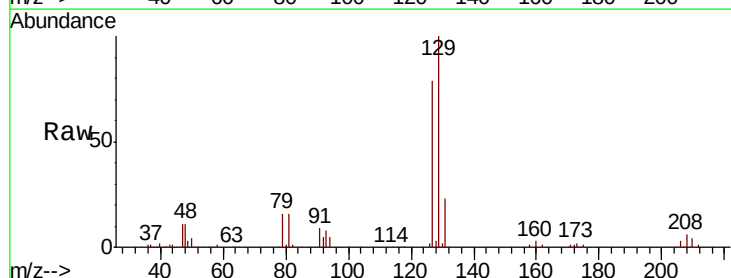
Instrument :
MSVOA_X
ClientSampleId :

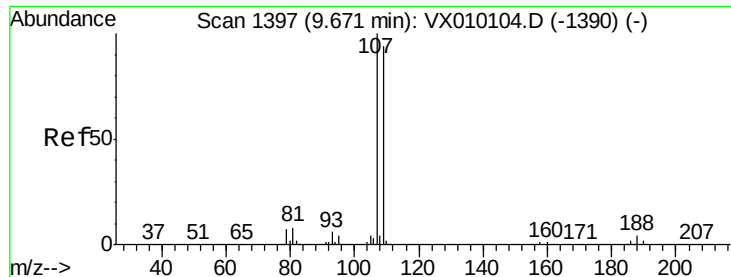
Tot Ion: 43 Resp: 287212
Ion Ratio Lower Upper
43 100
58 58.7 25.1 75.3



#60
Dibromochloromethane
Concen: 18.609 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010273.D
Acq: 13 Jun 2019 15:25

Tgt Ion: 129 Resp: 61390
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.270 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

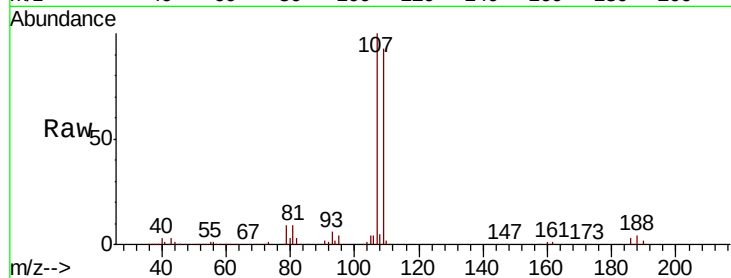
ClientSampleId :

Tot Ion:107 Resp: 59855

Ion Ratio Lower Upper

107 100

109 94.3 75.4 113.2

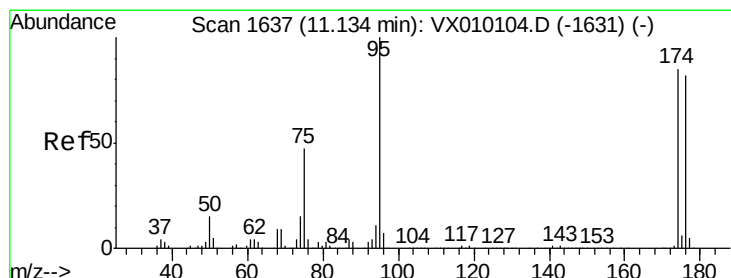
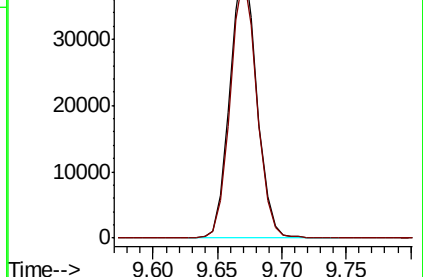
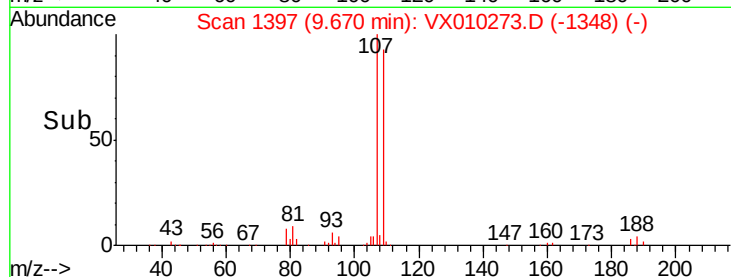


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

Time-->



#62

4-Bromofluorobenzene

Concen: 50.263 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

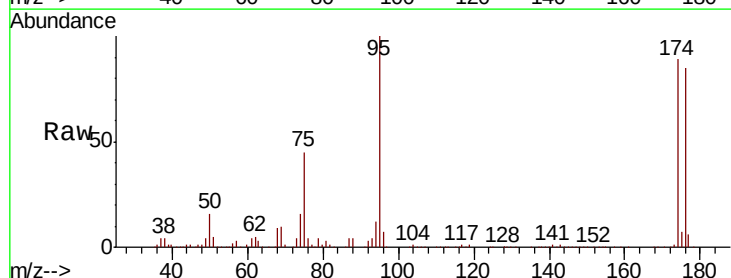
Tgt Ion: 95 Resp: 178200

Ion Ratio Lower Upper

95 100

174 94.6 0.0 160.4

176 90.8 0.0 154.6



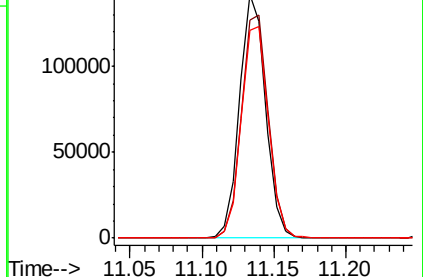
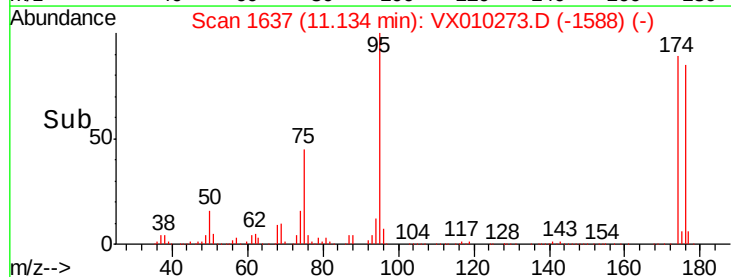
Abundance Ion 94.90 (94.60 to 95.60): VX0

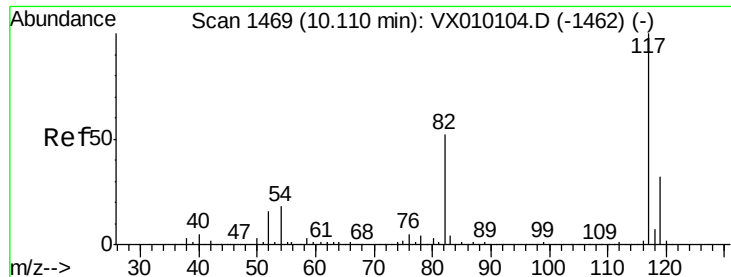
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

Time-->

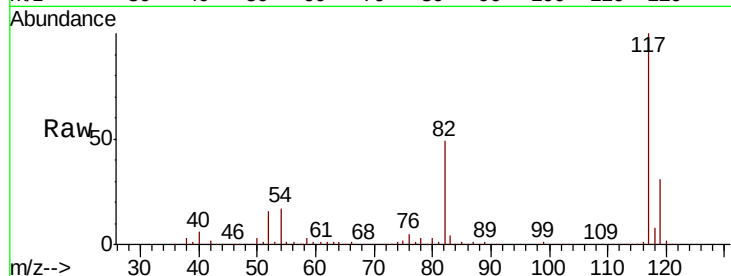




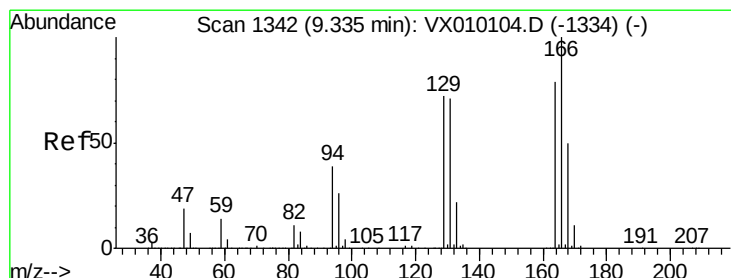
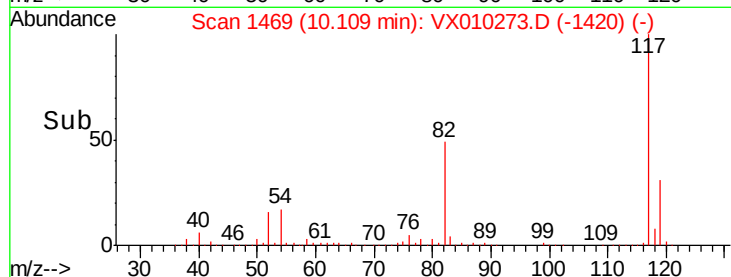
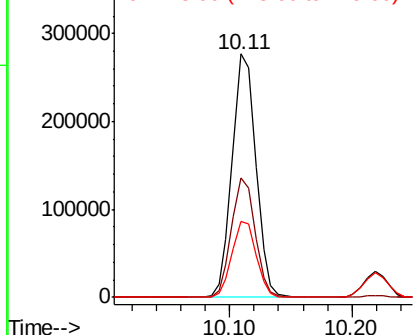
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010273.D
Acq: 13 Jun 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 371682
Ion Ratio Lower Upper
117 100
82 49.3 49.2 73.8
119 31.4 25.2 37.8

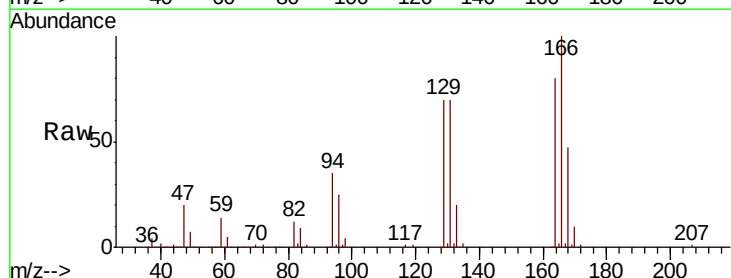


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

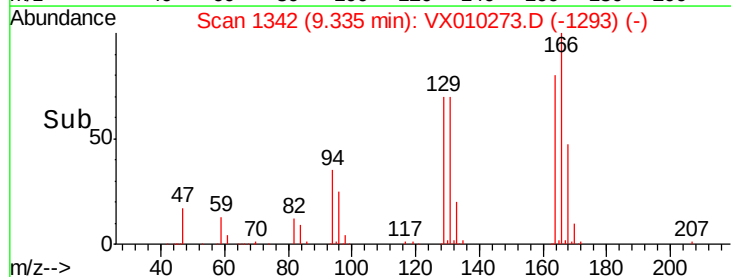
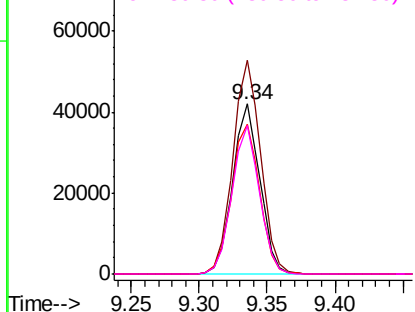


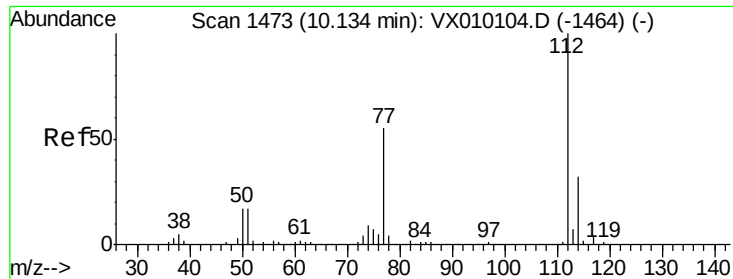
#64
Tetrachloroethene
Concen: 21.203 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010273.D
Acq: 13 Jun 2019 15:25

Tgt Ion:164 Resp: 58532
Ion Ratio Lower Upper
164 100
166 125.6 105.0 157.4
129 87.9 75.1 112.7
131 87.3 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

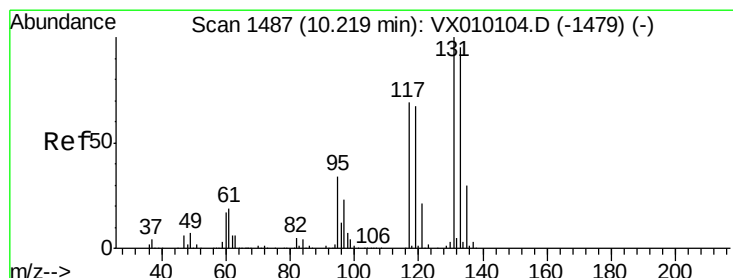
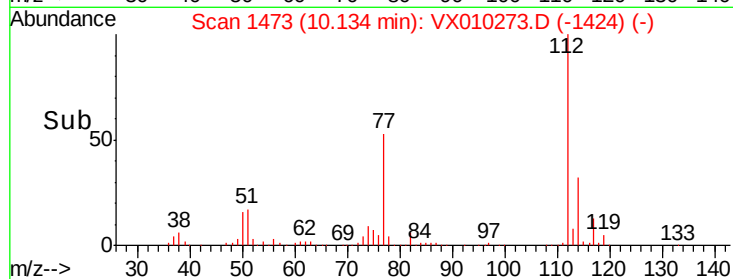
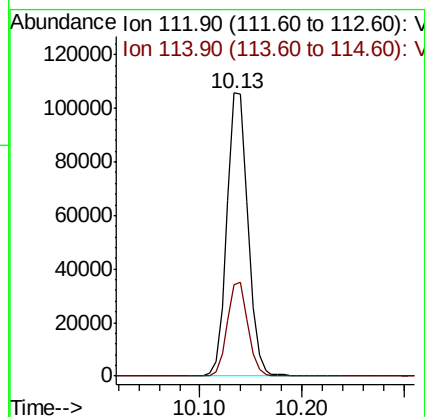
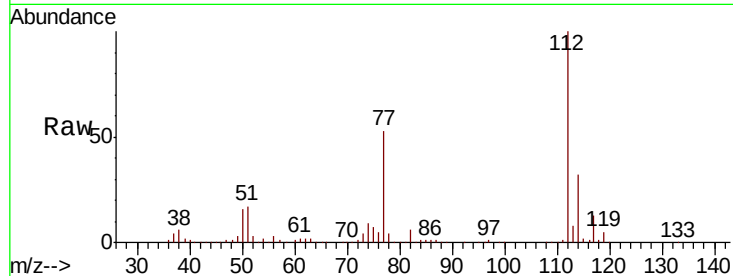




#65
Chlorobenzene
Concen: 19.710 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010273.D
Acq: 13 Jun 2019 15:25

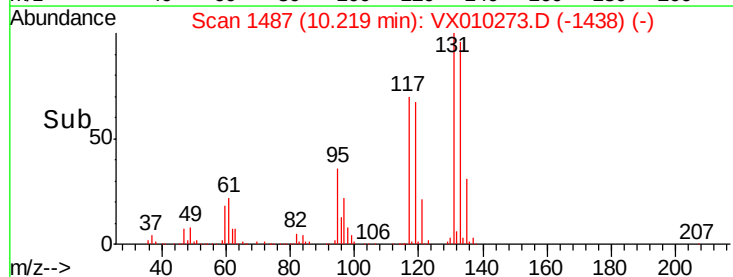
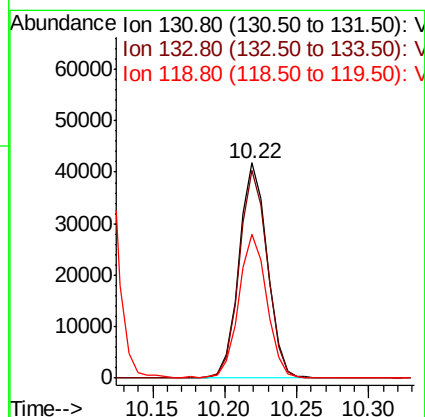
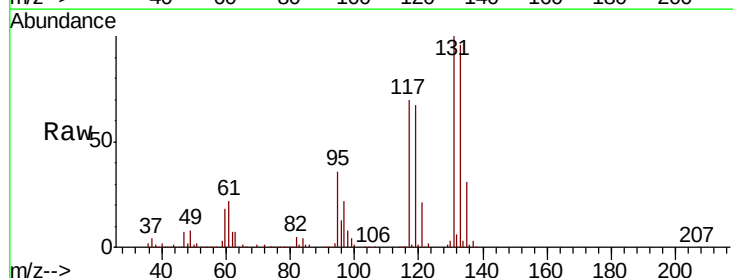
Instrument :
MSVOA_X
ClientSampled :

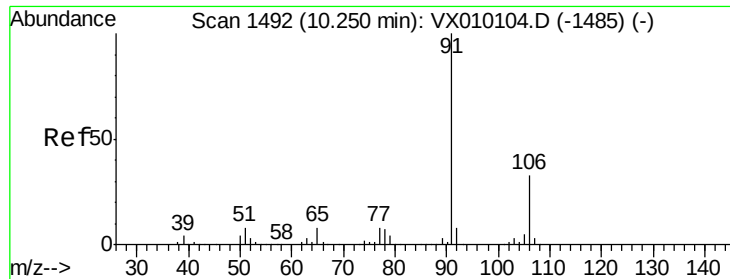
Tot Ion:112 Resp: 151203
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.364 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010273.D
Acq: 13 Jun 2019 15:25

Tgt Ion:131 Resp: 57125
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.6
119 66.5 33.4 100.1





#67

Ethyl Benzene

Concen: 19.248 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

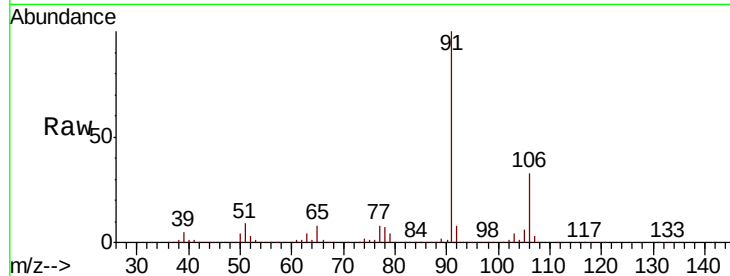
ClientSampled :

Tot Ion: 91 Resp: 251356

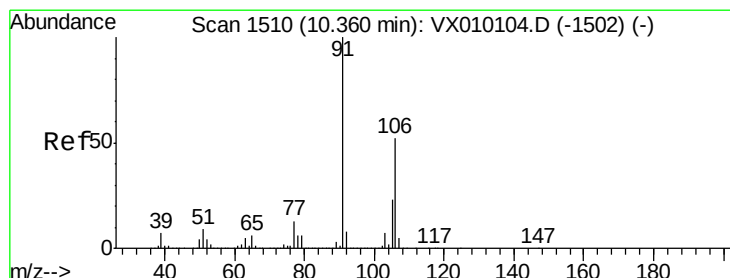
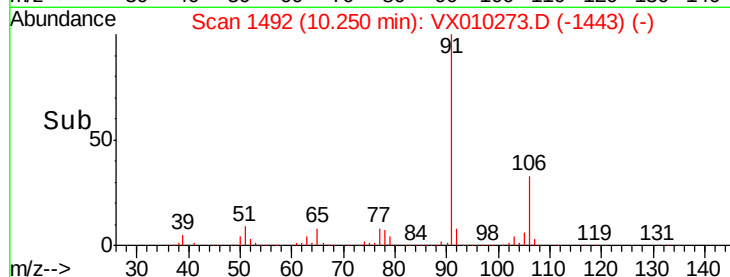
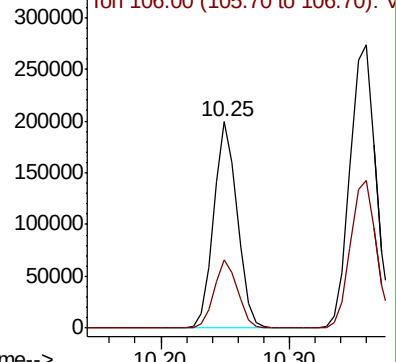
Ion Ratio Lower Upper

91 100

106 33.2 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX010104.D (-1485) (-)



#68

m/p-Xylenes

Concen: 39.039 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010273.D

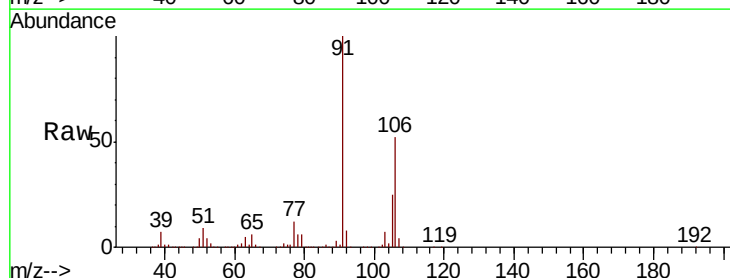
Acq: 13 Jun 2019 15:25

Tgt Ion: 106 Resp: 197283

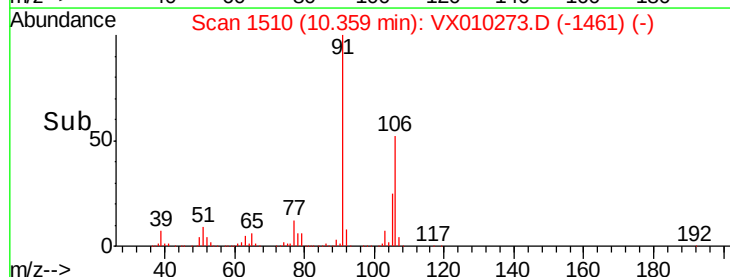
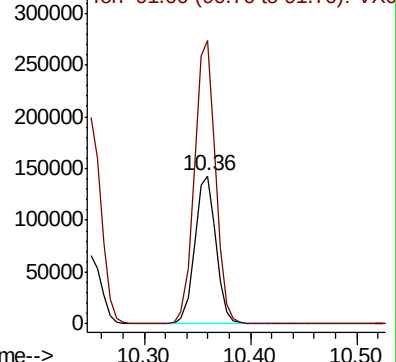
Ion Ratio Lower Upper

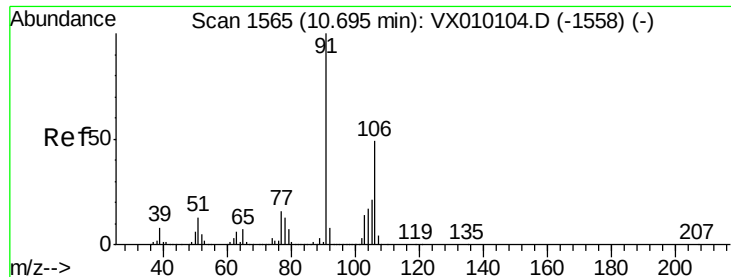
106 100

91 191.5 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): VX010104.D (-1502) (-)

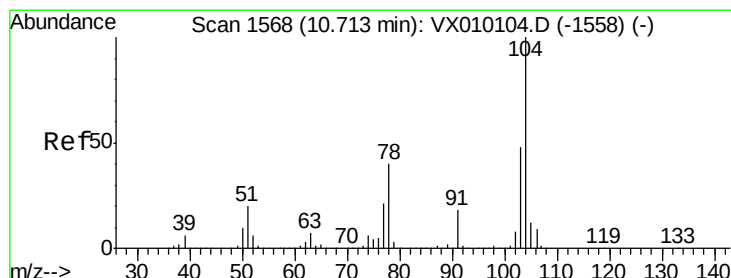
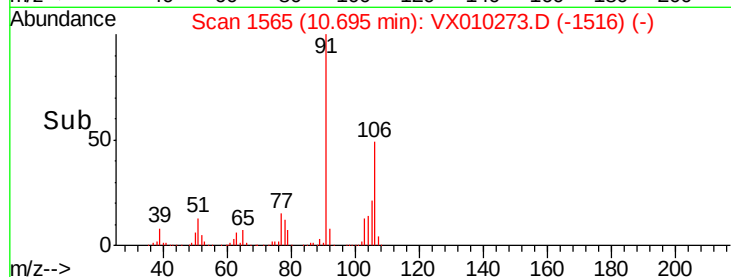
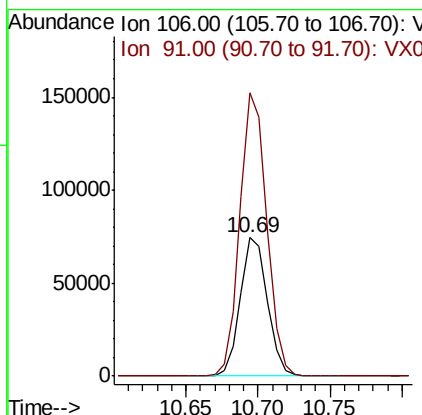
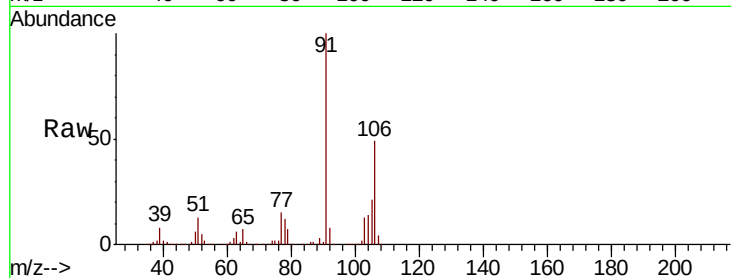




#69
o-Xylene
Concen: 19.400 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010273.D
Acq: 13 Jun 2019 15:25

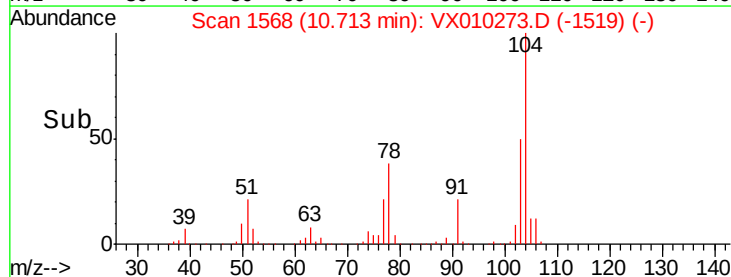
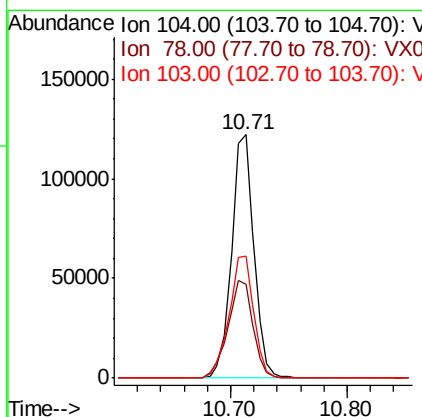
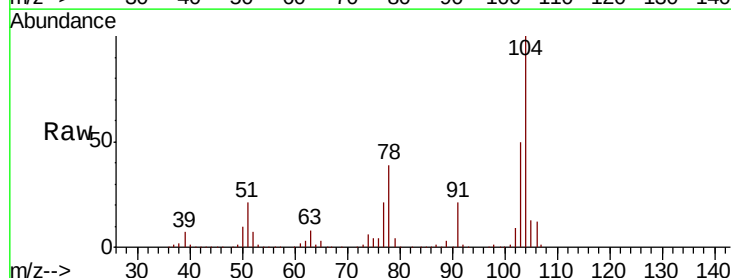
Instrument :
MSVOA_X
ClientSampled :

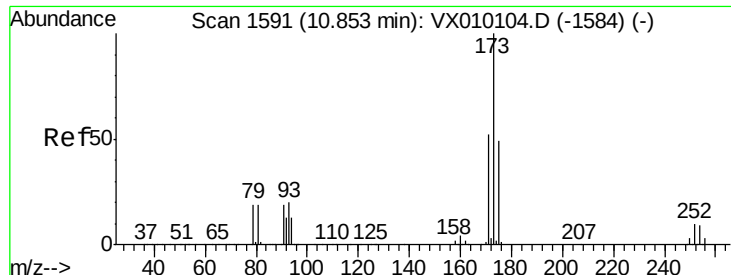
Tot Ion:106 Resp: 97452
Ion Ratio Lower Upper
106 100
91 203.3 110.4 331.2



#70
Styrene
Concen: 19.208 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010273.D
Acq: 13 Jun 2019 15:25

Tgt Ion:104 Resp: 163417
Ion Ratio Lower Upper
104 100
78 45.1 42.1 63.1
103 55.4 44.1 66.1





#71

Bromoform

Concen: 18.061 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

ClientSampled :

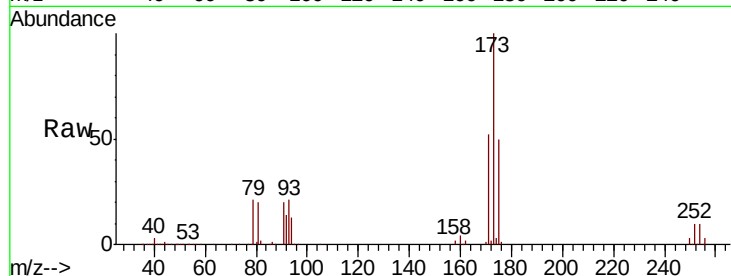
Tot Ion:173 Resp: 48981

Ion Ratio Lower Upper

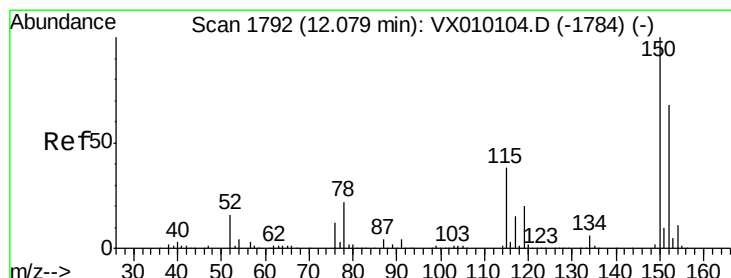
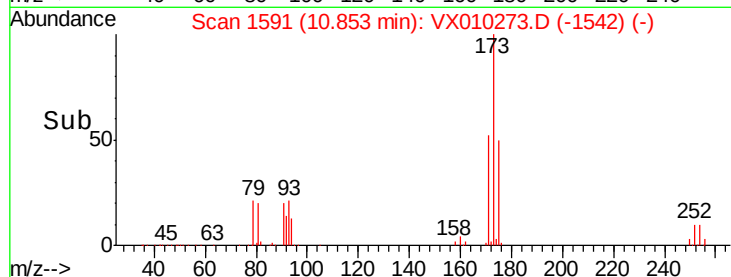
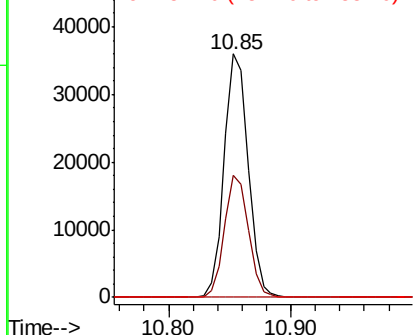
173 100

175 49.9 25.0 75.0

254 0.1 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: VX010273.D

Acq: 13 Jun 2019 15:25

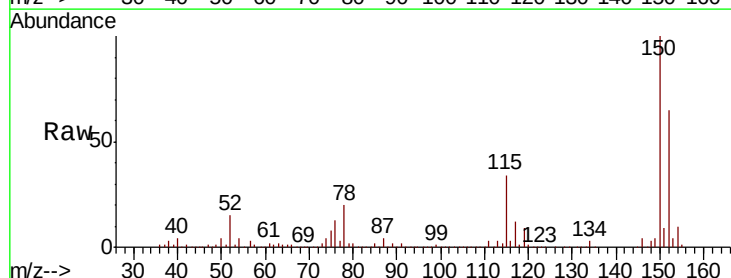
Tgt Ion:152 Resp: 191579

Ion Ratio Lower Upper

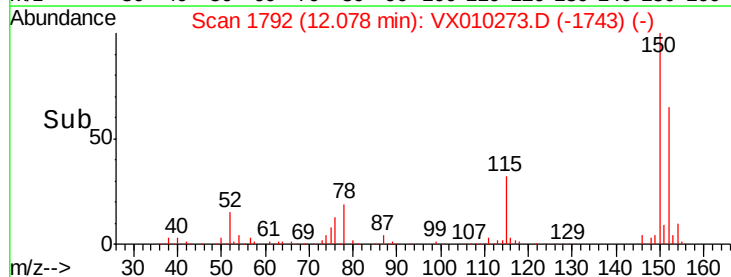
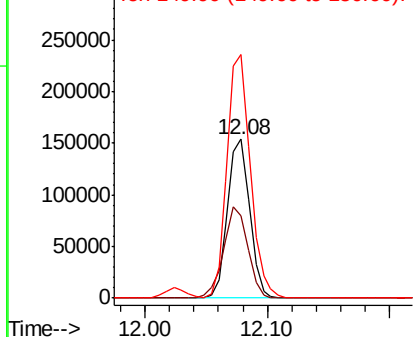
152 100

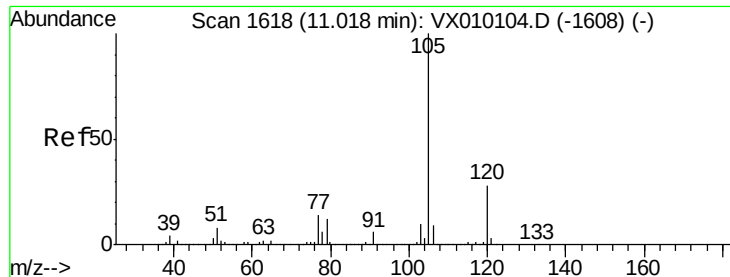
115 62.9 41.4 124.2

150 161.5 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: 19.388 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

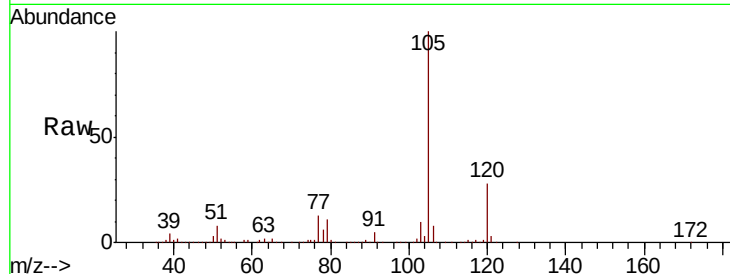
ClientSampleId :

Tot Ion:105 Resp: 259287

Ion Ratio Lower Upper

105 100

120 27.8 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

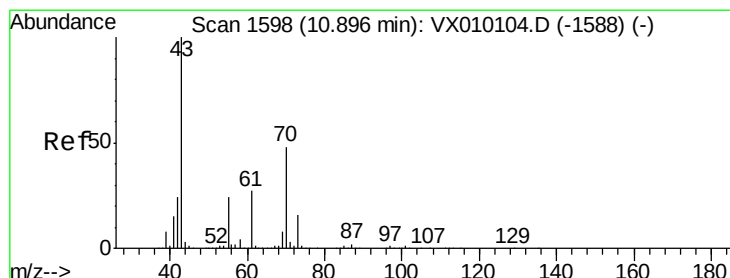
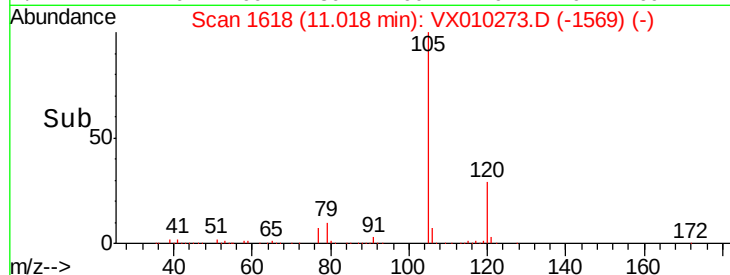
0

11.02

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 18.826 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Tgt Ion: 43 Resp: 99522

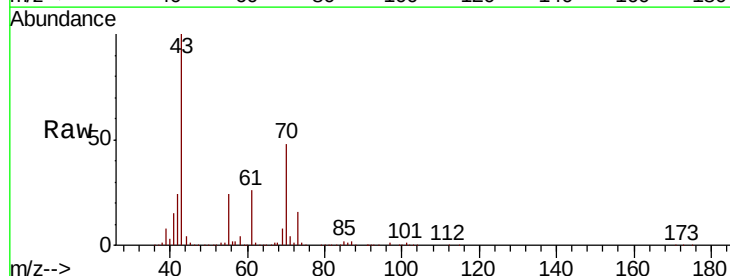
Ion Ratio Lower Upper

43 100

70 46.6 28.6 43.0#

55 24.5 17.8 26.8

61 26.0 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

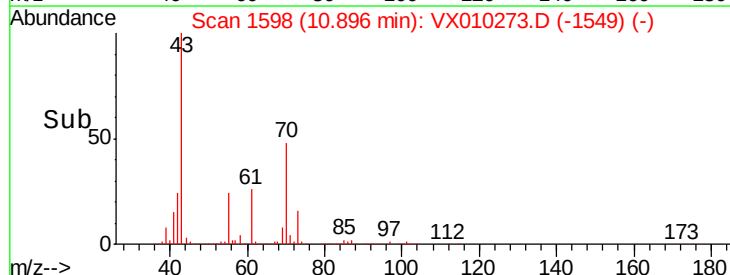
0

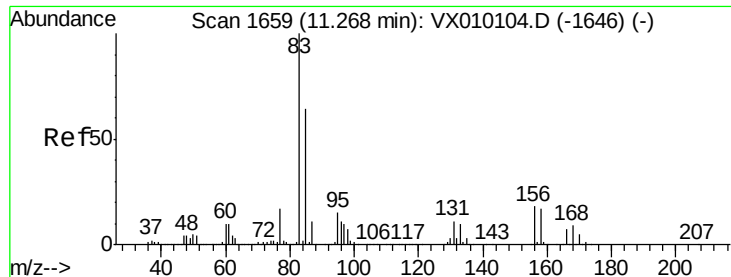
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.328 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

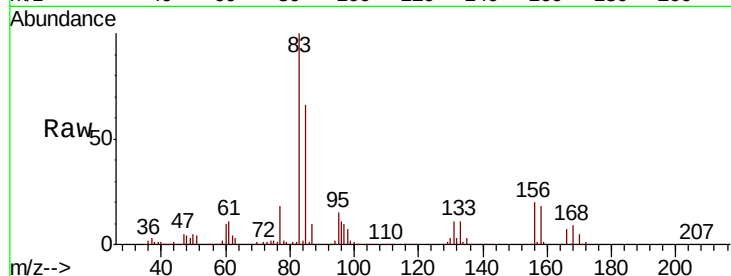
Tot Ion: 83 Resp: 88482

Ion Ratio Lower Upper

83 100

131 11.4 4.7 14.1

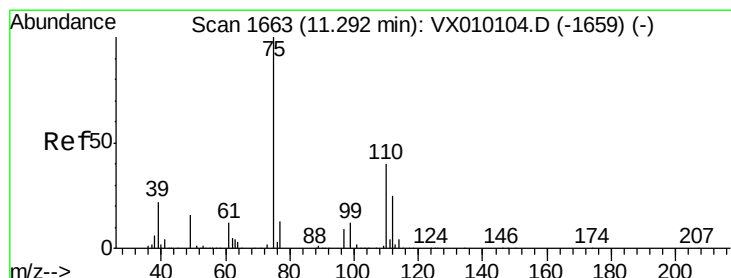
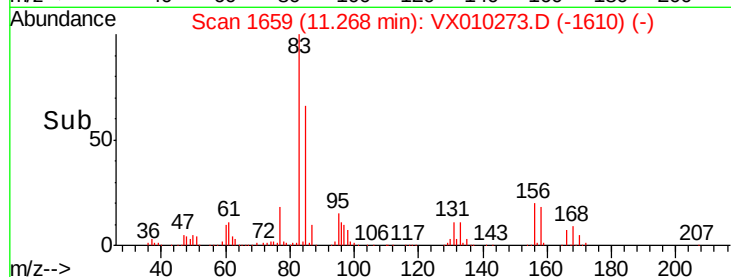
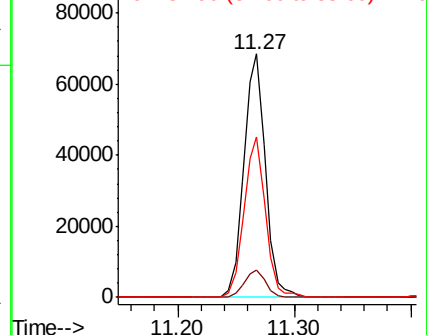
85 65.4 31.9 95.9



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: 25.615 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010273.D

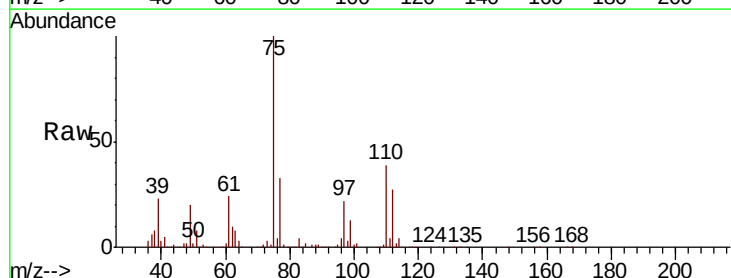
Acq: 13 Jun 2019 15:25

Tgt Ion: 75 Resp: 98154

Ion Ratio Lower Upper

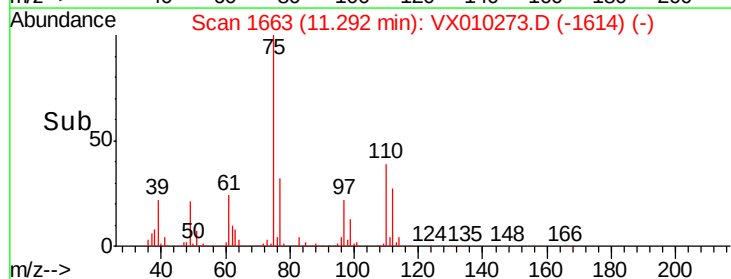
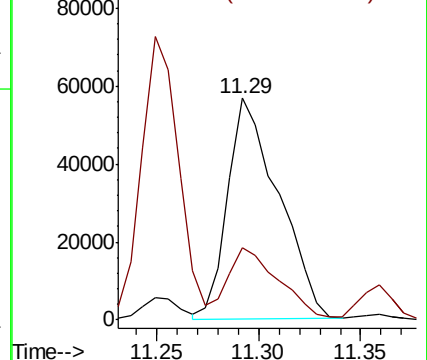
75 100

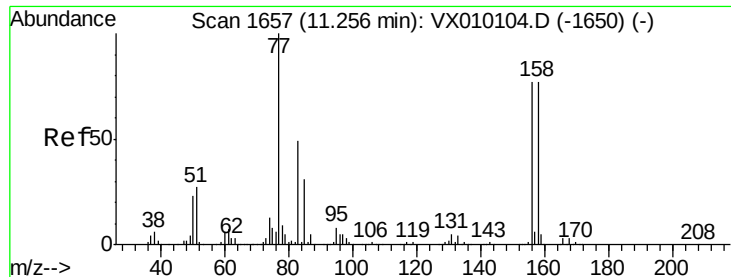
77 33.0 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.230 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

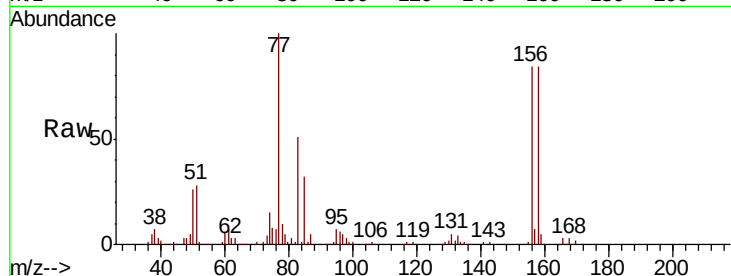
Tot Ion:156 Resp: 70721

Ion Ratio Lower Upper

156 100

77 130.3 86.8 260.3

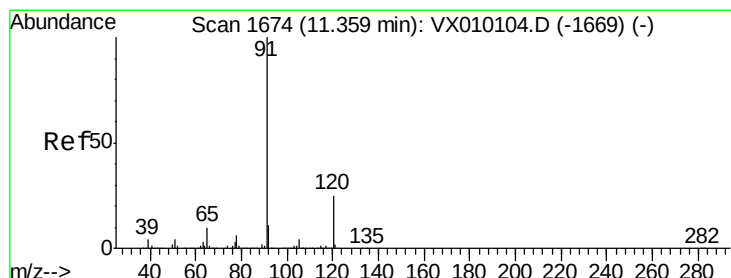
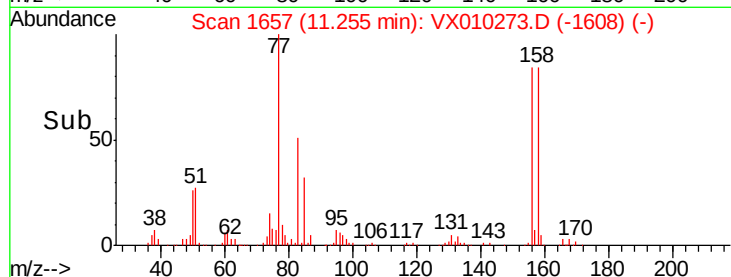
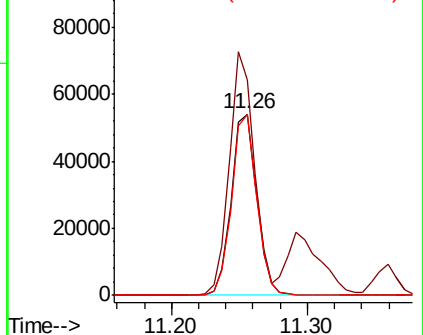
158 97.6 49.6 148.8



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: 18.757 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010273.D

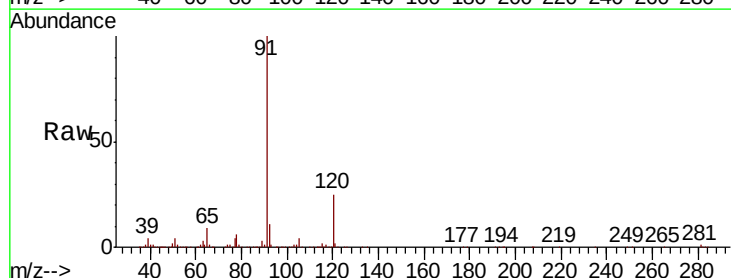
Acq: 13 Jun 2019 15:25

Tgt Ion: 91 Resp: 279265

Ion Ratio Lower Upper

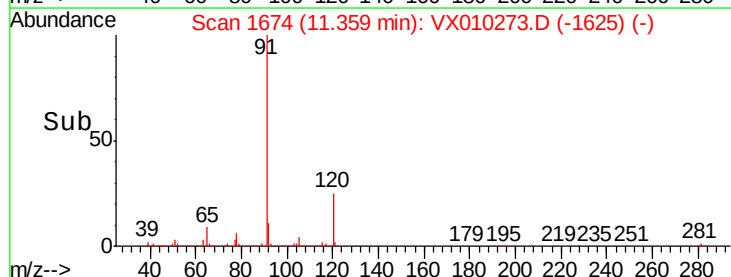
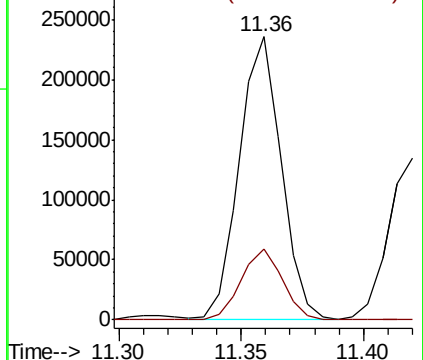
91 100

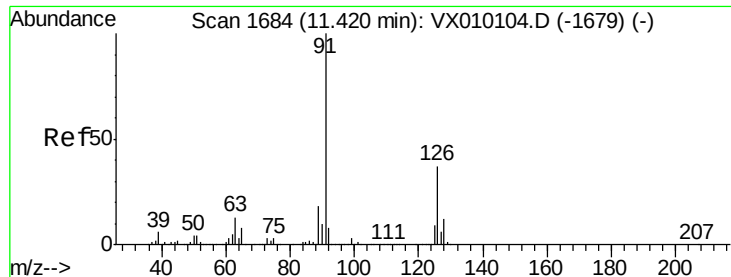
120 24.9 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.491 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

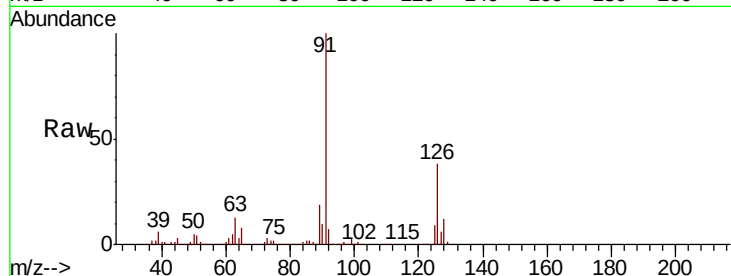
ClientSampled :

Tot Ion: 91 Resp: 165348

Ion Ratio Lower Upper

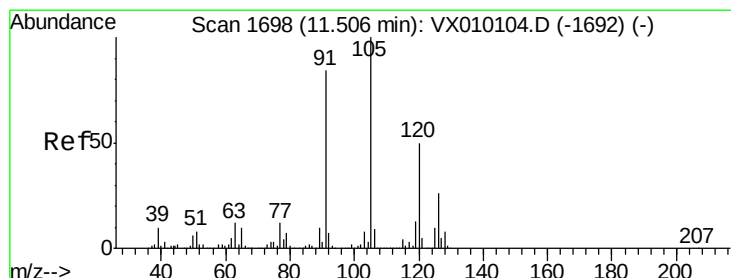
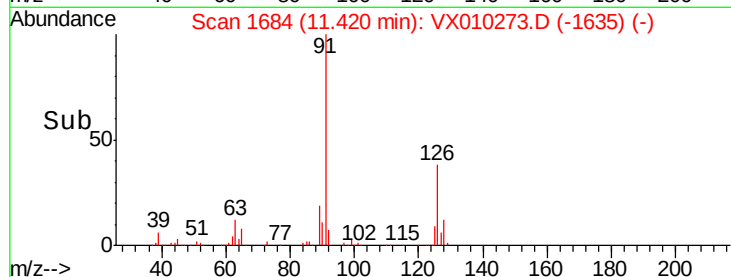
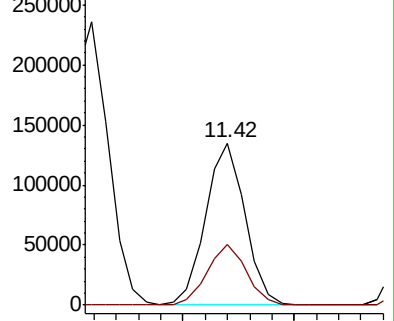
91 100

126 37.8 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX010104.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010104.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.891 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010273.D

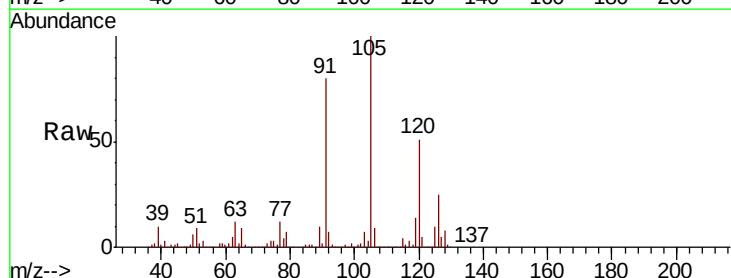
Acq: 13 Jun 2019 15:25

Tgt Ion:105 Resp: 212788

Ion Ratio Lower Upper

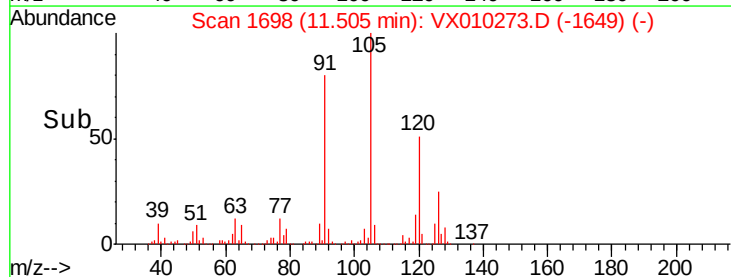
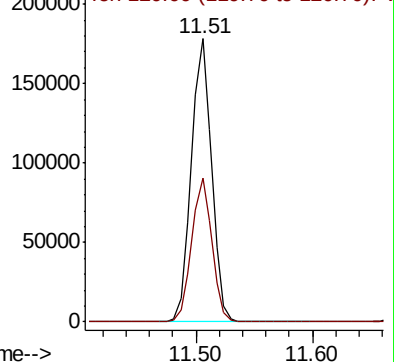
105 100

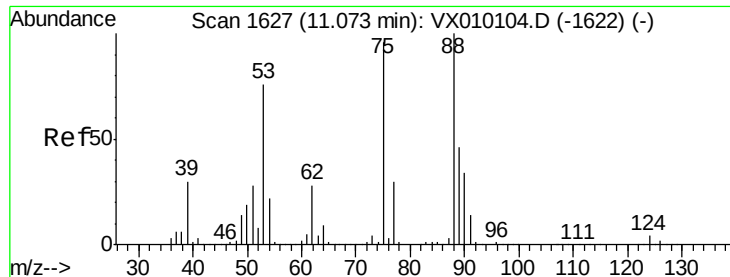
120 50.7 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX010104.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010104.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.571 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

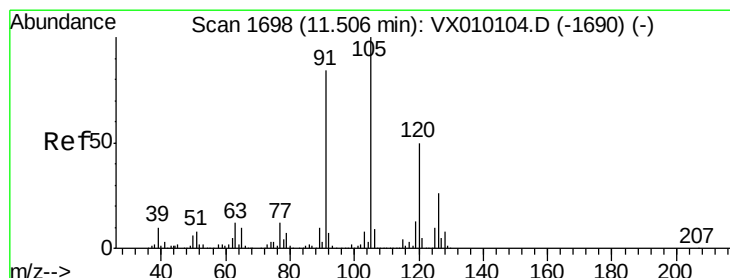
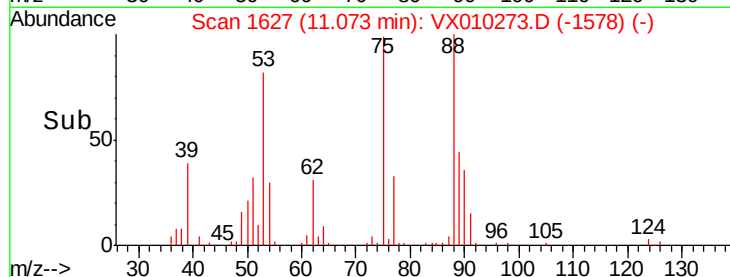
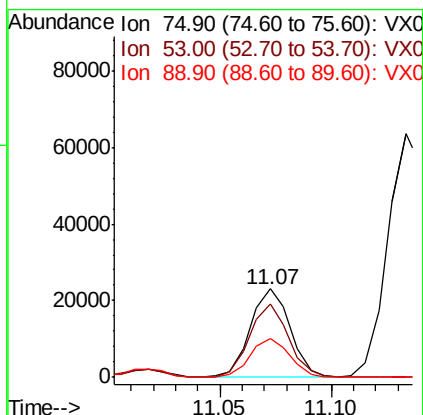
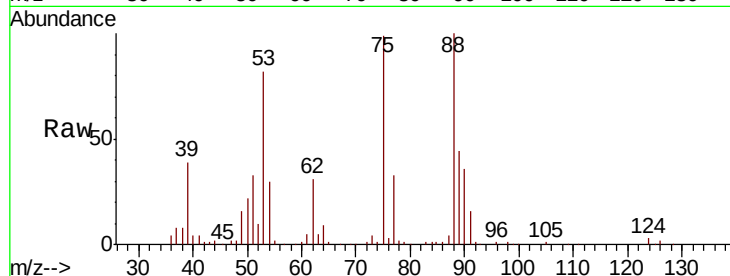
Tot Ion: 75 Resp: 28740

Ion Ratio Lower Upper

75 100

53 81.9 79.8 119.6

89 44.6 34.2 51.4



#82

4-Chlorotoluene

Concen: 18.919 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010273.D

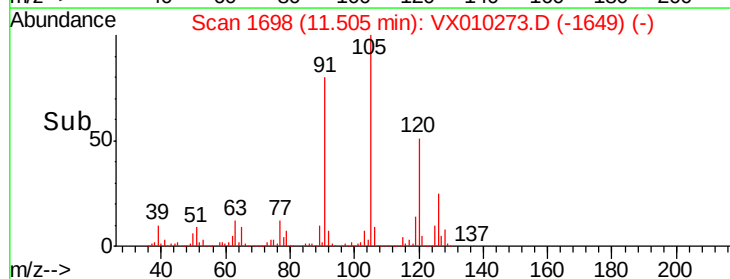
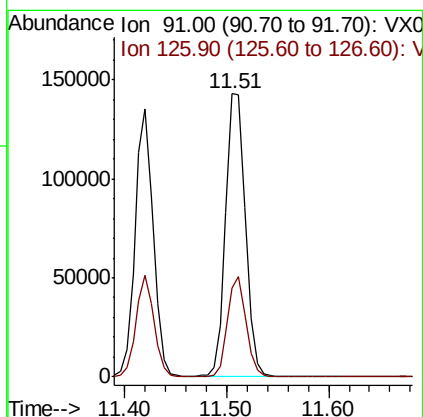
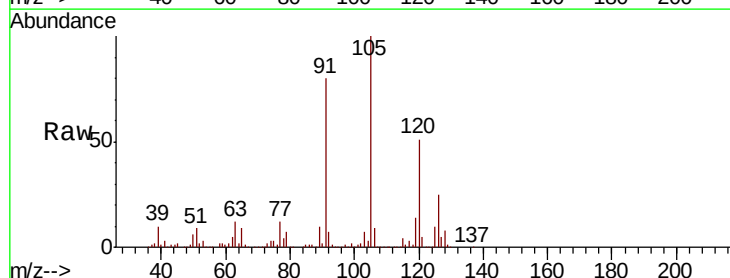
Acq: 13 Jun 2019 15:25

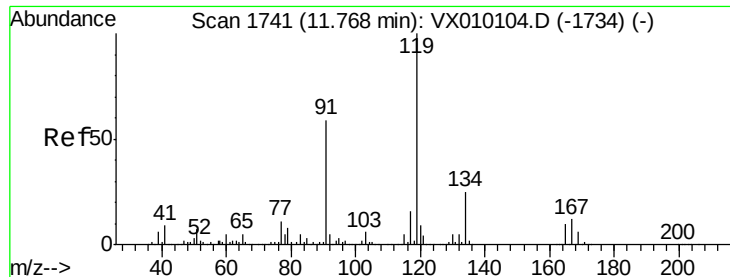
Tgt Ion: 91 Resp: 192173

Ion Ratio Lower Upper

91 100

126 33.0 14.2 42.6

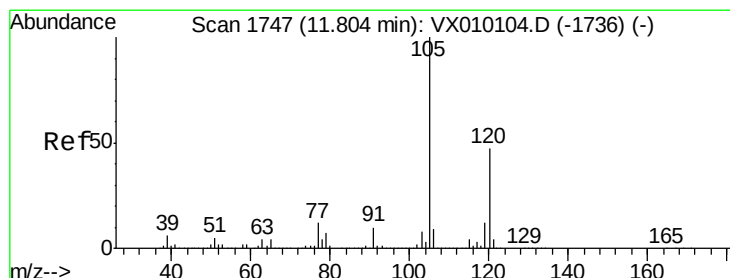
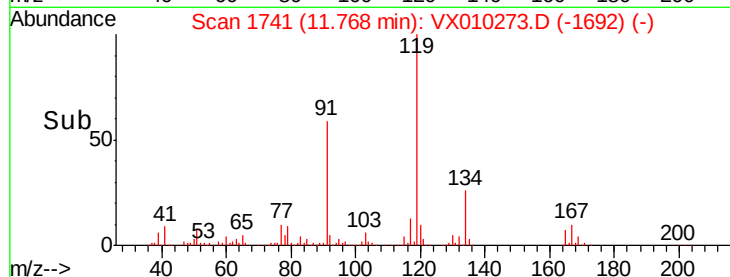
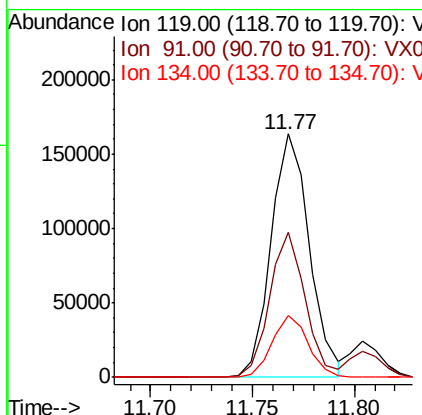
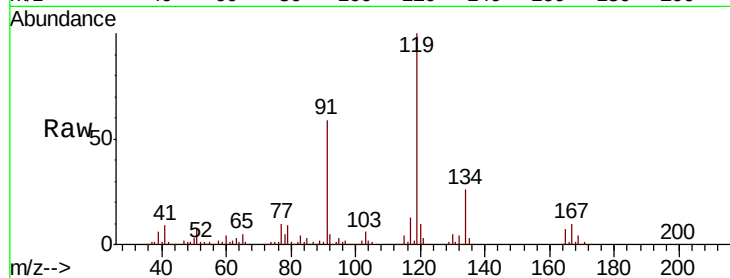




#83
 tert-Butylbenzene
 Concen: 18.865 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010273.D
 Acq: 13 Jun 2019 15:25

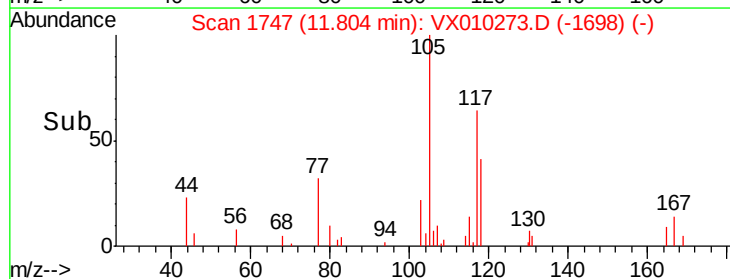
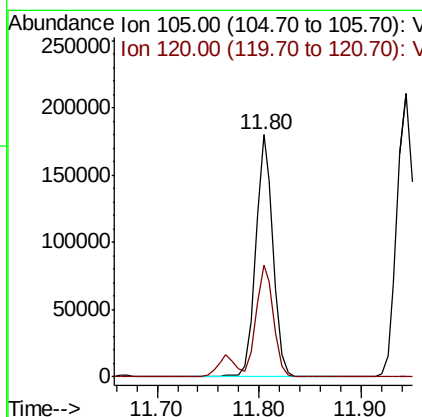
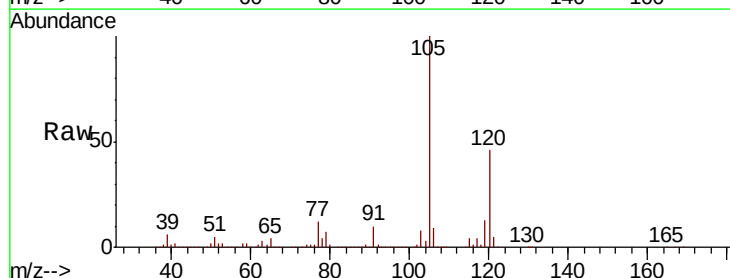
Instrument :
 MSVOA_X
 ClientSampled :

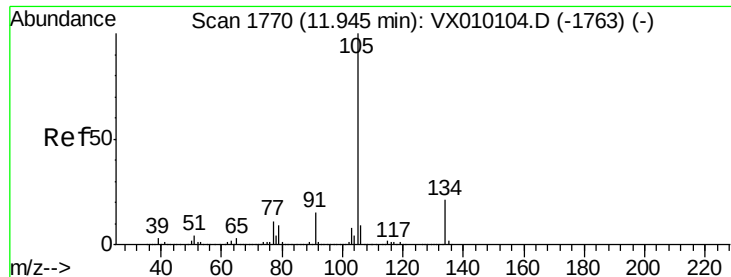
Tot Ion:119 Resp: 215076
 Ion Ratio Lower Upper
 119 100
 91 55.1 30.0 90.0
 134 23.9 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.888 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010273.D
 Acq: 13 Jun 2019 15:25

Tgt Ion:105 Resp: 214899
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.1 66.1





#85

sec-Butylbenzene

Concen: 18.801 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

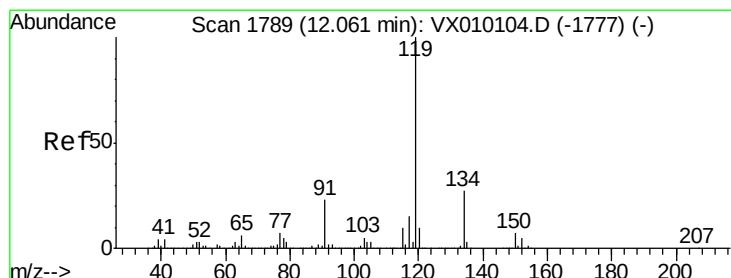
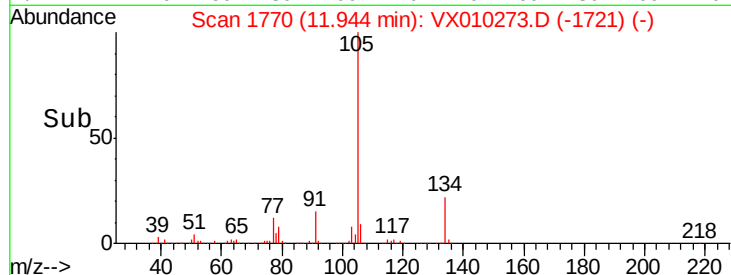
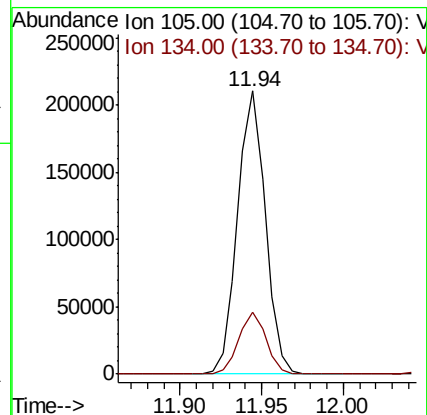
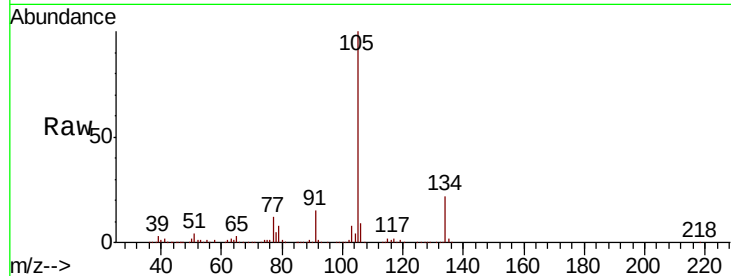
ClientSampleId :

Tot Ion:105 Resp: 249721

Ion Ratio Lower Upper

105 100

134 21.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.039 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

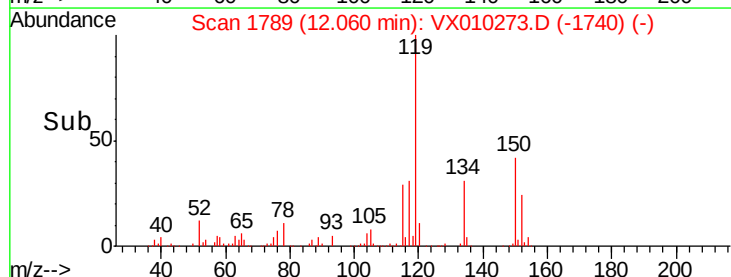
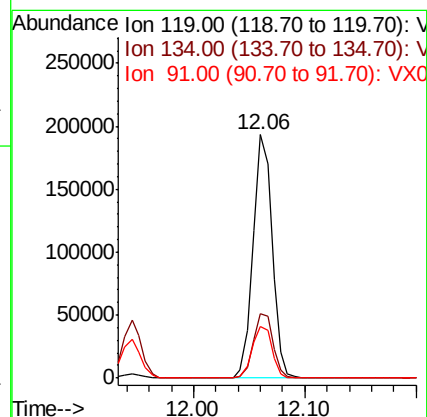
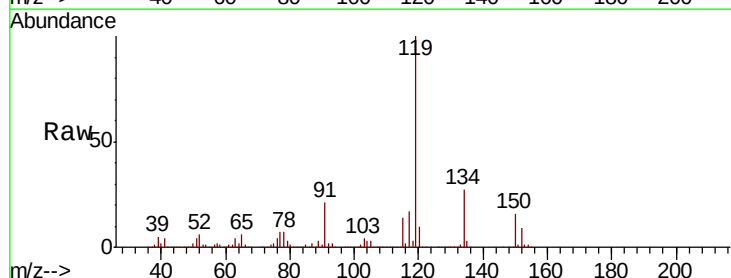
Tgt Ion:119 Resp: 231176

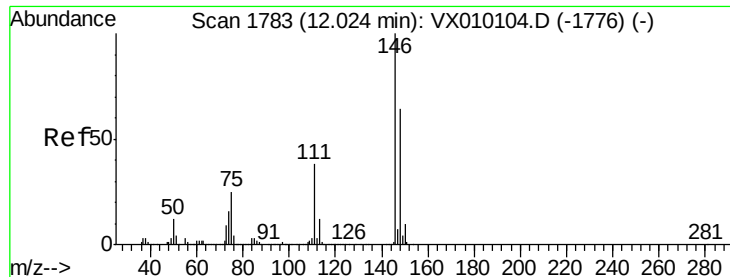
Ion Ratio Lower Upper

119 100

134 27.3 12.9 38.6

91 22.1 11.9 35.9

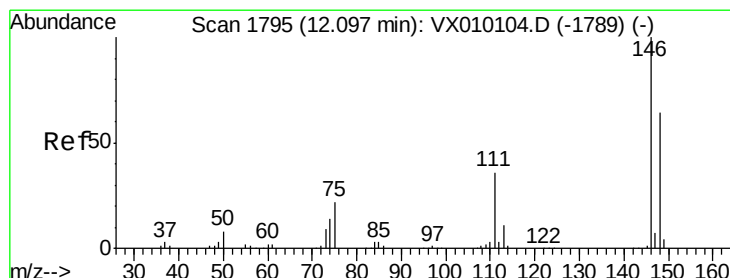
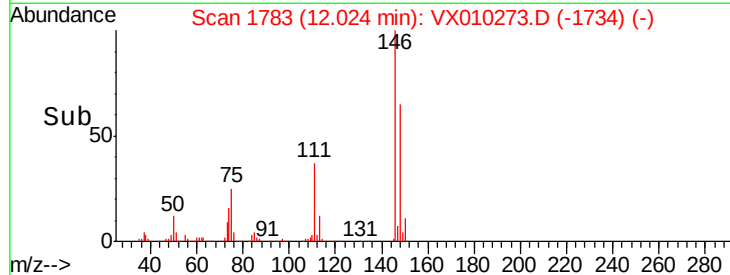
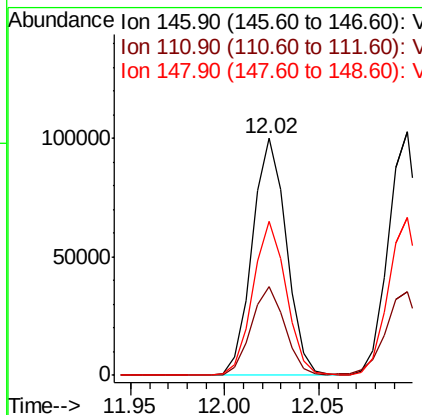
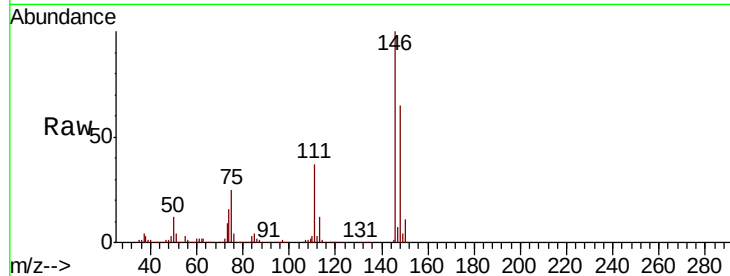




#87
 1,3-Dichlorobenzene
 Concen: 19.429 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010273.D
 Acq: 13 Jun 2019 15:25

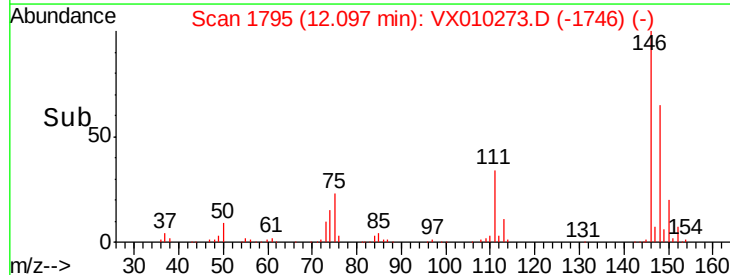
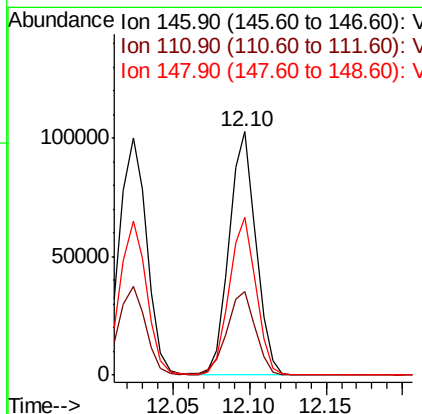
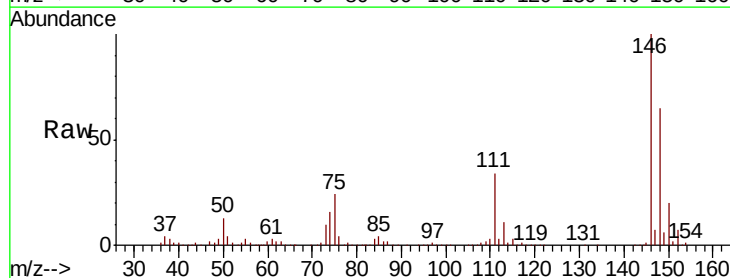
Instrument :
 MSVOA_X
 ClientSampleId :

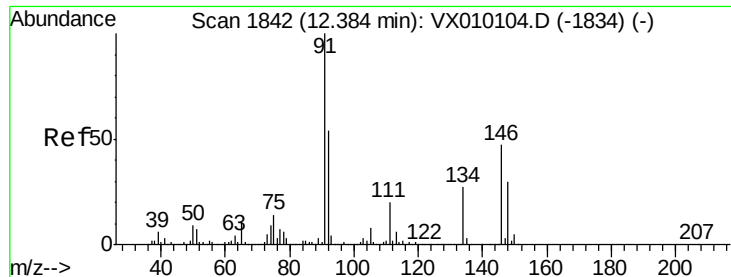
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	20.1	60.2
148	63.2	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.091 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010273.D
 Acq: 13 Jun 2019 15:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	20.0	59.9
148	65.2	32.3	96.9





#89

n-Butylbenzene

Concen: 18.374 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

ClientSampled :

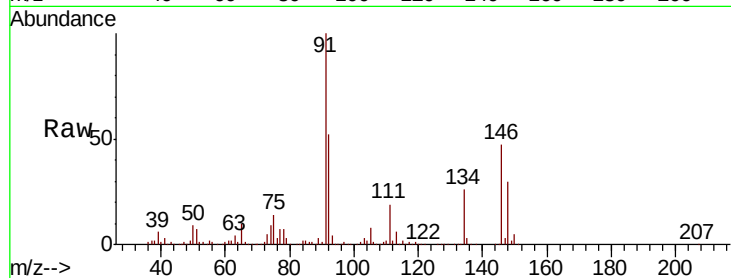
Tot Ion: 91 Resp: 192046

Ion Ratio Lower Upper

91 100

92 52.5 26.3 78.8

134 28.5 12.3 36.8

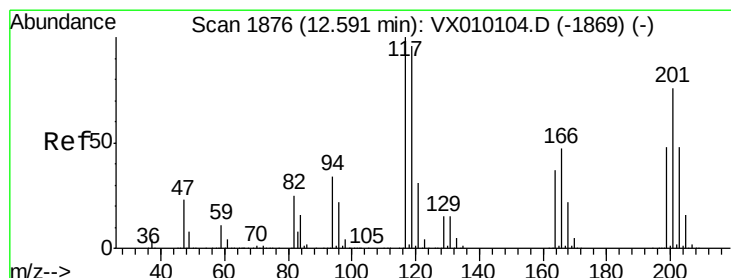
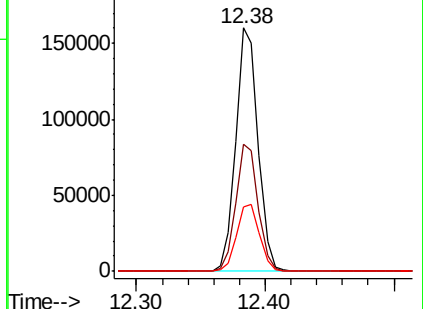
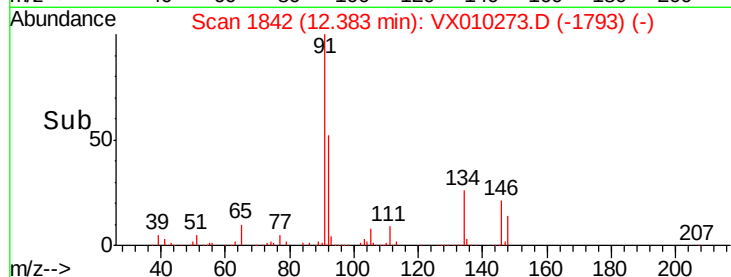


Abundance Ion 91.00 (90.70 to 91.70): VX010104.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX010104.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX010104.D (-1834) (-)

Time-->



#90

Hexachloroethane

Concen: 17.071 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX010273.D

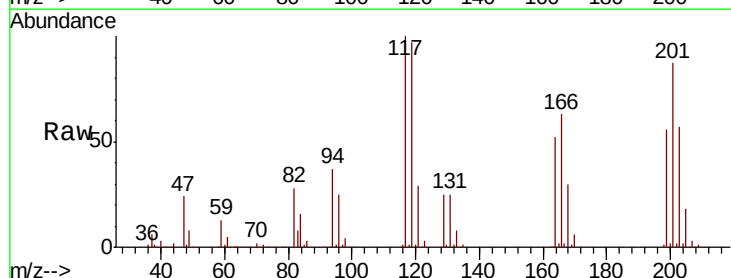
Acq: 13 Jun 2019 15:25

Tgt Ion: 117 Resp: 41292

Ion Ratio Lower Upper

117 100

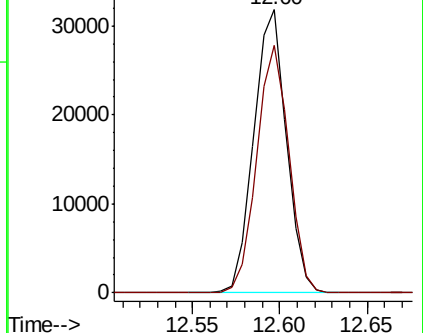
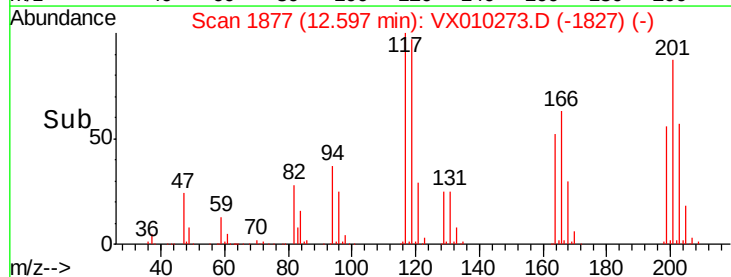
201 86.0 43.6 130.9

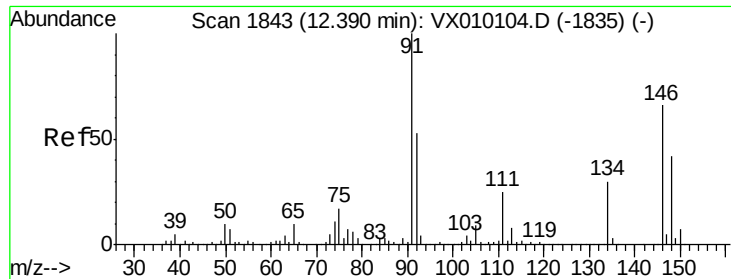


Abundance Ion 116.80 (116.50 to 117.50): VX010104.D (-1869) (-)

Ion 200.70 (200.40 to 201.40): VX010104.D (-1869) (-)

Time-->

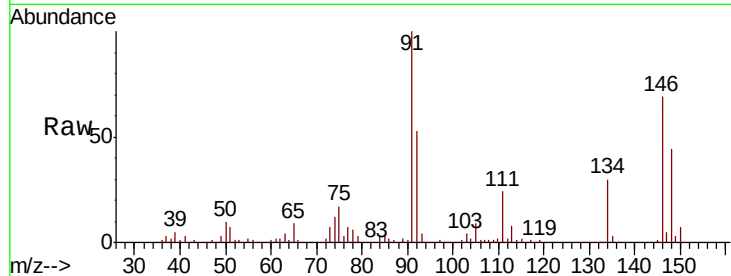




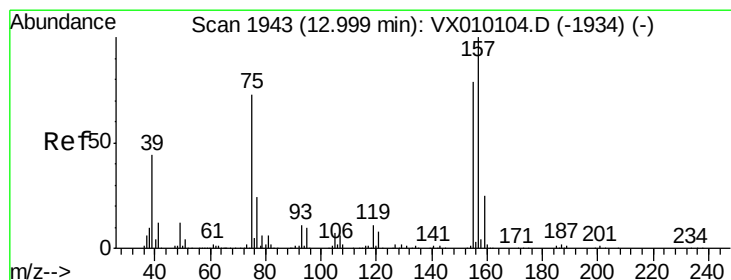
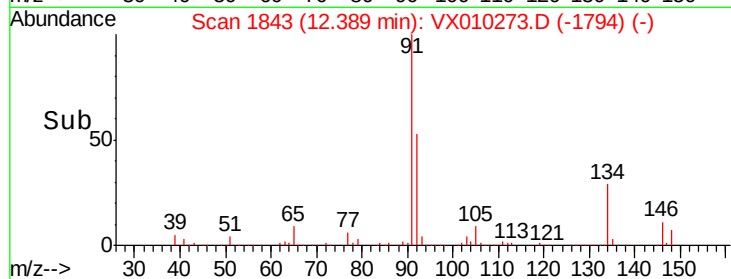
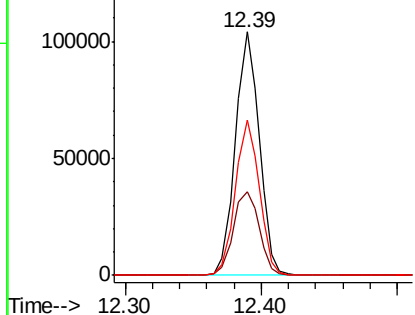
#91
 1,2-Dichlorobenzene
 Concen: 20.243 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010273.D
 Acq: 13 Jun 2019 15:25

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 127484
 Ion Ratio Lower Upper
 146 100
 111 37.0 21.1 63.1
 148 63.5 32.3 96.8

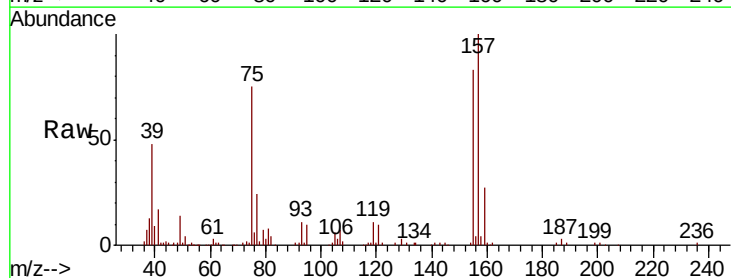


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

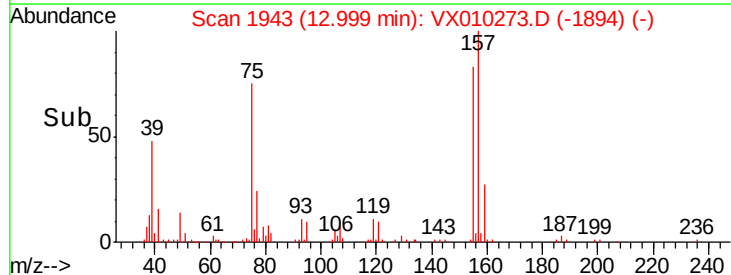
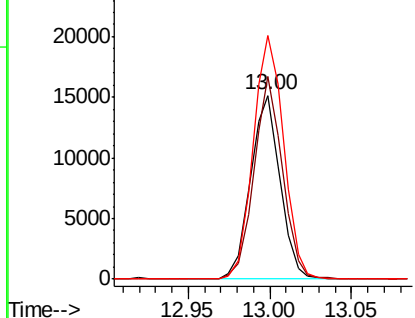


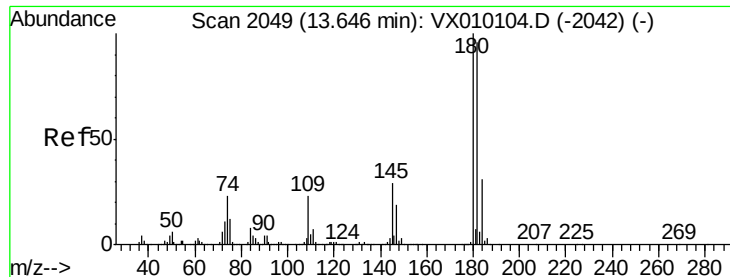
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.743 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010273.D
 Acq: 13 Jun 2019 15:25

Tgt Ion: 75 Resp: 19114
 Ion Ratio Lower Upper
 75 100
 155 105.8 39.3 117.8
 157 136.3 50.6 151.8



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

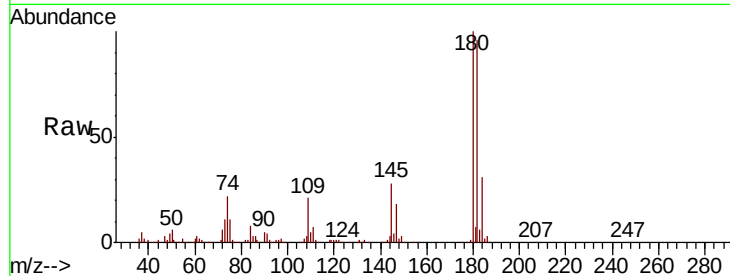




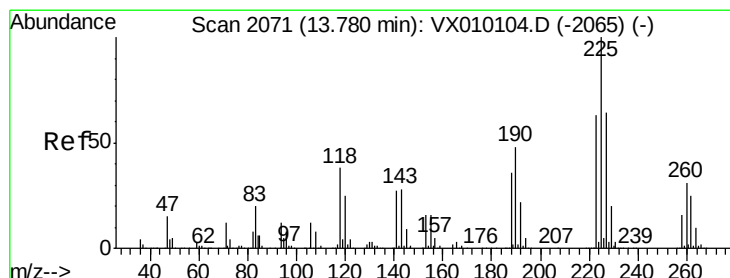
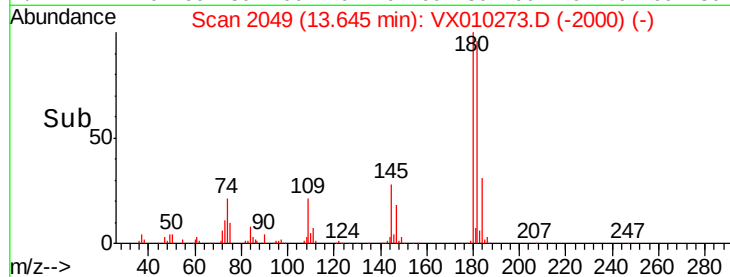
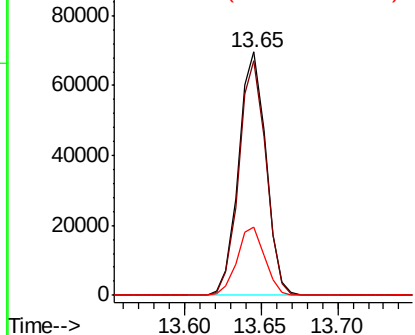
#93
 1,2,4-Trichlorobenzene
 Concen: 18.713 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010273.D
 Acq: 13 Jun 2019 15:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.4	142.2
145	28.5	14.5	43.5

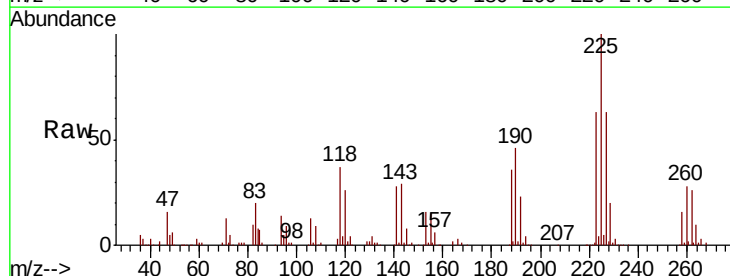


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

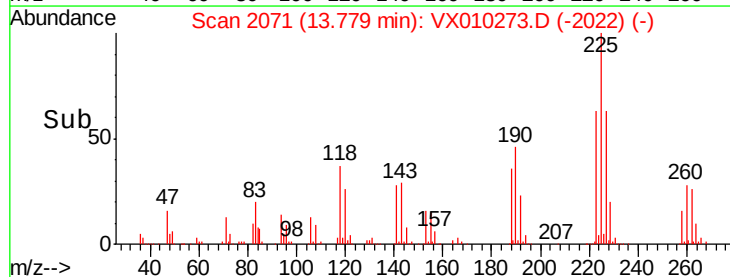
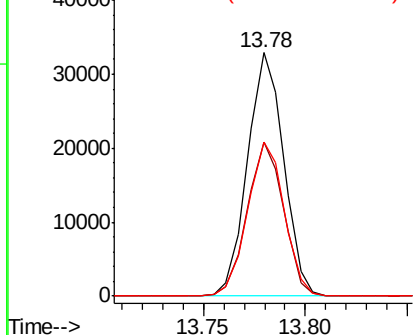


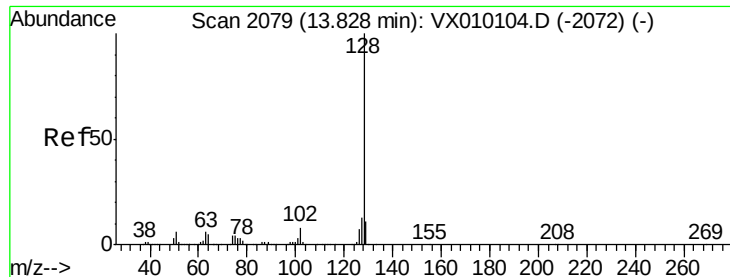
#94
 Hexachlorobutadiene
 Concen: 19.804 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010273.D
 Acq: 13 Jun 2019 15:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.3	93.8
227	63.9	32.3	96.8



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





#95

Naphthalene

Concen: 19.289 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

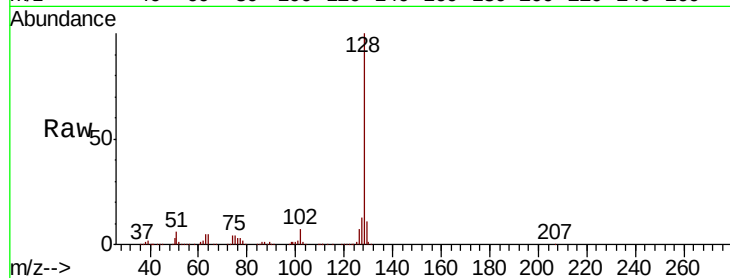
Tot Ion:128 Resp: 279913

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

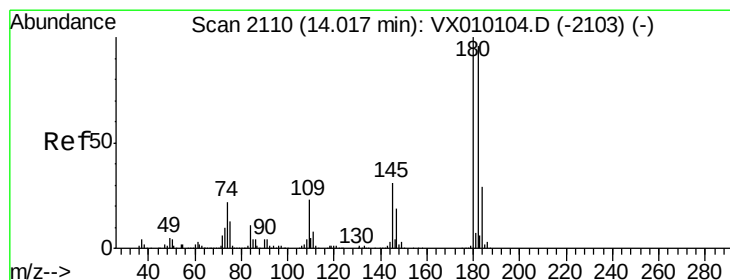
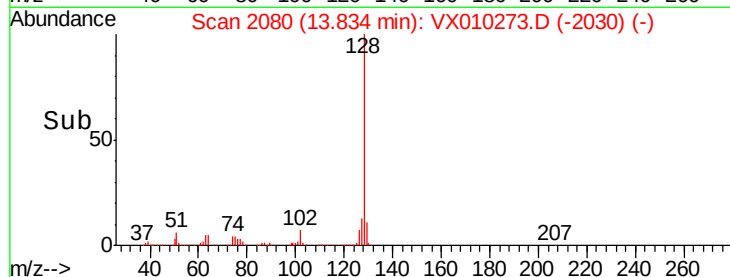
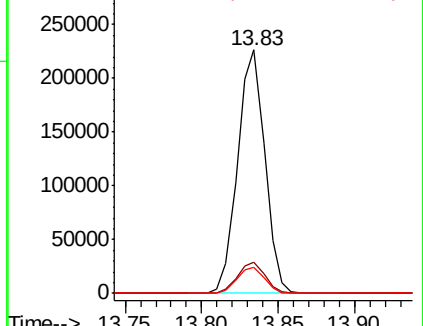
129 10.8 8.8 13.2



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: 18.959 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010273.D

Acq: 13 Jun 2019 15:25

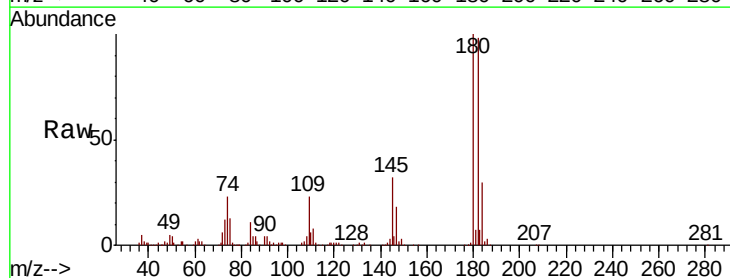
Tgt Ion:180 Resp: 86413

Ion Ratio Lower Upper

180 100

182 96.9 47.3 142.0

145 31.5 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

