

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
 Data File : VX010430.D
 Acq On : 25 Jun 2019 11:48
 Operator : JC/SP
 Sample : VX0625WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD02

Quant Time: Jun 26 01:19:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	323964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	471492	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	428902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220174	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	134831	44.39	ug/l	0.00
Spiked Amount			Recovery	=	88.78%	
35) Dibromofluoromethane	5.49	113	130766	45.33	ug/l	0.00
Spiked Amount			Recovery	=	90.66%	
50) Toluene-d8	8.71	98	501556	45.45	ug/l	0.00
Spiked Amount			Recovery	=	90.90%	
62) 4-Bromofluorobenzene	11.13	95	180527	45.31	ug/l	0.00
Spiked Amount			Recovery	=	90.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	36306	16.120	ug/l	97
3) Chloromethane	1.32	50	41196	15.708	ug/l	97
4) Vinyl Chloride	1.41	62	44130	15.362	ug/l	98
5) Bromomethane	1.64	94	24394	17.431	ug/l	100
6) Chloroethane	1.72	64	28223	16.653	ug/l	97
7) Trichlorofluoromethane	1.93	101	78150	17.162	ug/l	96
8) Diethyl Ether	2.19	74	27682	16.951	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	46618	16.893	ug/l	99
10) Methyl Iodide	2.51	142	54574	13.857	ug/l	99
11) Tert butyl alcohol	3.04	59	66239	83.339	ug/l	99
12) 1,1-Dichloroethene	2.37	96	45557	16.224	ug/l	100
13) Acrolein	2.29	56	34943	66.273	ug/l	97
14) Allyl chloride	2.73	41	66226	16.612	ug/l	100
15) Acrylonitrile	3.14	53	128562	81.697	ug/l	100
16) Acetone	2.44	43	124632	81.871	ug/l	97
17) Carbon Disulfide	2.57	76	112419	14.922	ug/l	100
18) Methyl Acetate	2.77	43	49549	16.331	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	146633	16.599	ug/l	98
20) Methylene Chloride	2.85	84	51480	16.433	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	48536	16.071	ug/l	96
22) Diisopropyl ether	3.85	45	140019	16.799	ug/l	97
23) Vinyl Acetate	3.81	43	615041	85.415	ug/l	99
24) 1,1-Dichloroethane	3.70	63	79379	16.476	ug/l	98
25) 2-Butanone	4.67	43	184251	82.512	ug/l	100
26) 2,2-Dichloropropane	4.58	77	70713	16.895	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	56907	16.306	ug/l	98
28) Bromochloromethane	5.01	49	41144	17.861	ug/l	98
29) Tetrahydrofuran	5.13	42	111021	80.267	ug/l	99
30) Chloroform	5.21	83	85786	16.549	ug/l	99
31) Cyclohexane	5.57	56	73144	16.671	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	74724	16.325	ug/l	99
36) 1,1-Dichloropropene	5.80	75	61876	16.515	ug/l	99
37) Ethyl Acetate	4.84	43	65979	17.117	ug/l	100
38) Carbon Tetrachloride	5.79	117	67058	16.528	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
 Data File : VX010430.D
 Acq On : 25 Jun 2019 11:48
 Operator : JC/SP
 Sample : VX0625WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD02

Quant Time: Jun 26 01:19:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83916	17.039	ug/l	98
40) Benzene	6.14	78	197656	16.933	ug/l	99
41) Methacrylonitrile	5.04	41	34972	16.536	ug/l	98
42) 1,2-Dichloroethane	6.20	62	61673	17.357	ug/l	99
43) Isopropyl Acetate	6.45	43	109713	17.204	ug/l	99
44) Trichloroethene	7.21	130	58949	16.877	ug/l	99
45) 1,2-Dichloropropane	7.51	63	50265	17.052	ug/l	95
46) Dibromomethane	7.66	93	35450	16.762	ug/l	98
47) Bromodichloromethane	7.90	83	64040	16.523	ug/l	95
48) Methyl methacrylate	7.77	41	49356	16.651	ug/l	98
49) 1,4-Dioxane	7.74	88	29887	350.001	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	349469	85.684	ug/l	99
52) Toluene	8.78	92	131969	17.168	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	71077	16.357	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	79951	16.931	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	55364	17.463	ug/l	96
56) Ethyl methacrylate	9.18	69	80004	16.659	ug/l	98
57) 1,3-Dichloropropane	9.37	76	83825	17.033	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	202865	88.942	ug/l	100
59) 2-Hexanone	9.49	43	276037	85.993	ug/l	99
60) Dibromochloromethane	9.58	129	58714	16.541	ug/l	99
61) 1,2-Dibromoethane	9.67	107	58434	17.076	ug/l	98
64) Tetrachloroethene	9.34	164	58088	16.745	ug/l	99
65) Chlorobenzene	10.13	112	146873	16.867	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	54929	17.318	ug/l	98
67) Ethyl Benzene	10.25	91	251842	17.132	ug/l	99
68) m/p-Xylenes	10.36	106	197057	34.596	ug/l	100
69) o-Xylene	10.69	106	95474	17.044	ug/l	99
70) Styrene	10.71	104	161274	17.168	ug/l	100
71) Bromoform	10.85	173	44249	16.043	ug/l #	99
73) Isopropylbenzene	11.02	105	255313	17.106	ug/l	99
74) N-amyl acetate	10.90	43	95203	16.878	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	82923	16.777	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	90464	22.548	ug/l	81
77) Bromobenzene	11.26	156	69792	16.747	ug/l	98
78) n-propylbenzene	11.36	91	285753	17.420	ug/l	99
79) 2-Chlorotoluene	11.42	91	165557	16.949	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	211009	17.150	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26381	15.339	ug/l	96
82) 4-Chlorotoluene	11.51	91	191757	17.253	ug/l	98
83) tert-Butylbenzene	11.77	119	213426	17.282	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	216952	17.550	ug/l	98
85) sec-Butylbenzene	11.94	105	250868	17.302	ug/l	100
86) p-Isopropyltoluene	12.06	119	232877	17.364	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	123813	17.020	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	123652	16.696	ug/l	98
89) n-Butylbenzene	12.38	91	200589	17.601	ug/l	100
90) Hexachloroethane	12.59	117	38317	16.523	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	123452	17.075	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16603	15.580	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
Data File : VX010430.D
Acq On : 25 Jun 2019 11:48
Operator : JC/SP
Sample : VX0625WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Quant Time: Jun 26 01:19:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

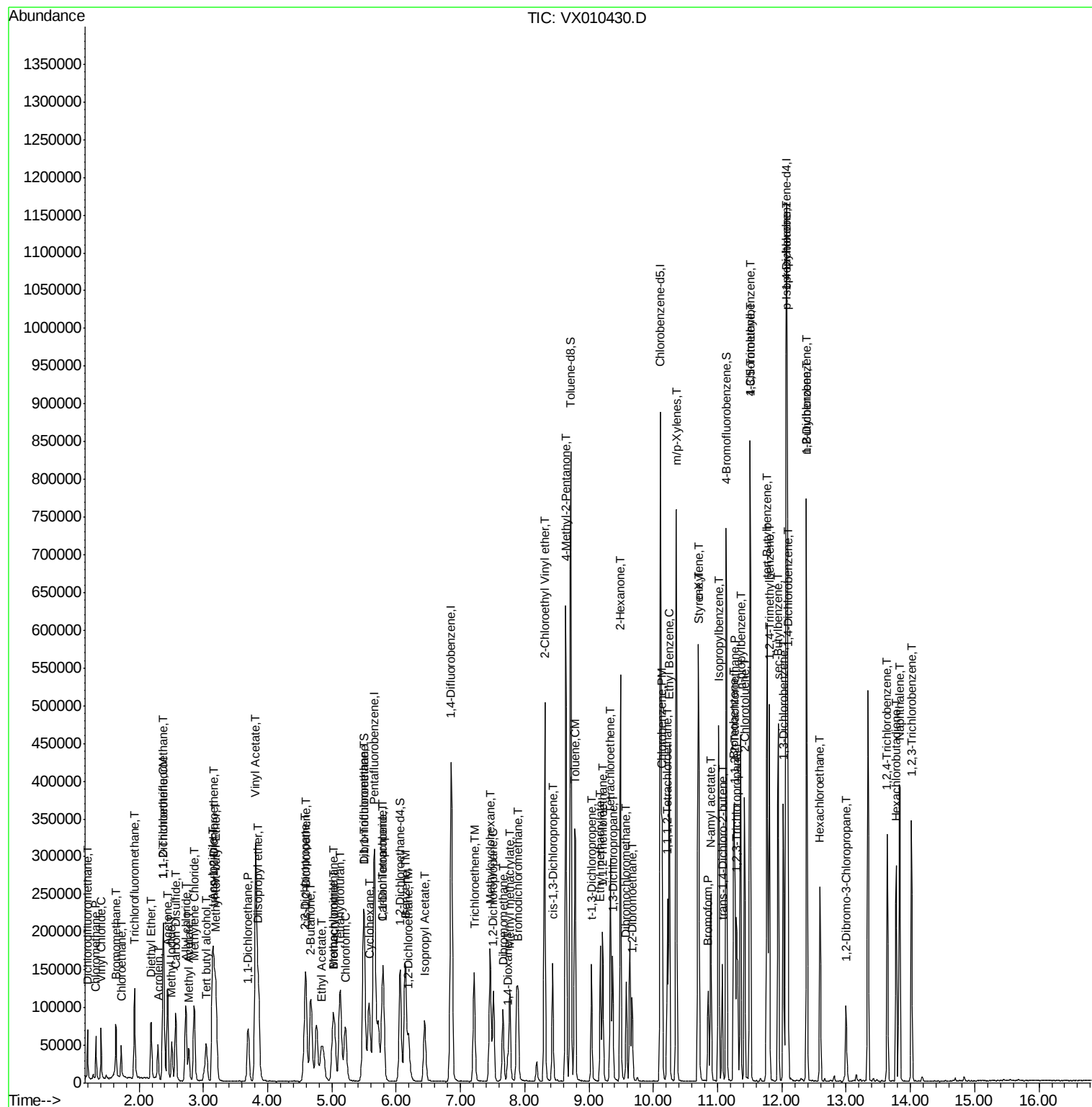
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86788	17.309	ug/l	99
94) Hexachlorobutadiene	13.78	225	41567	16.963	ug/l	97
95) Naphthalene	13.83	128	264439	17.162	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	85450	17.141	ug/l	99

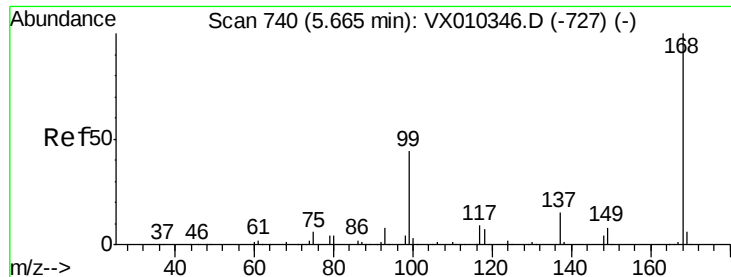
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062519\
Data File : VX010430.D
Acq On : 25 Jun 2019 11:48
Operator : JC/SP
Sample : VX0625WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Quant Time: Jun 26 01:19:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

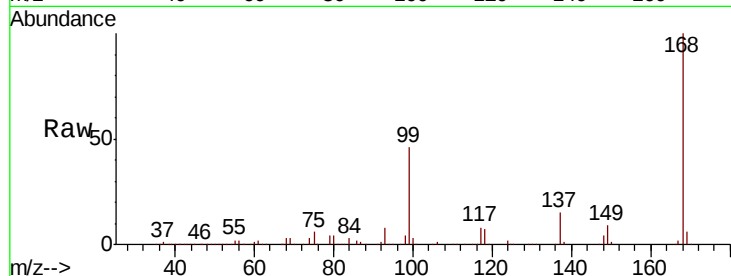
VX0625WBSD02

Tot Ion:168 Resp: 323964

Ion Ratio Lower Upper

168 100

99 45.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

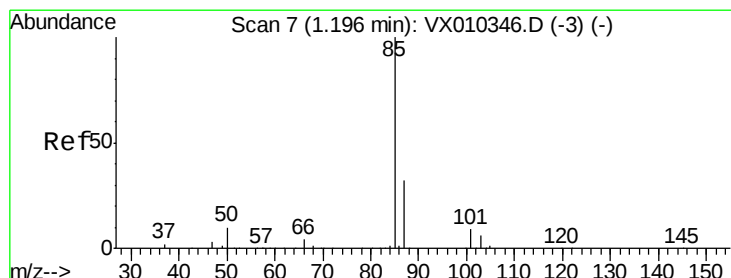
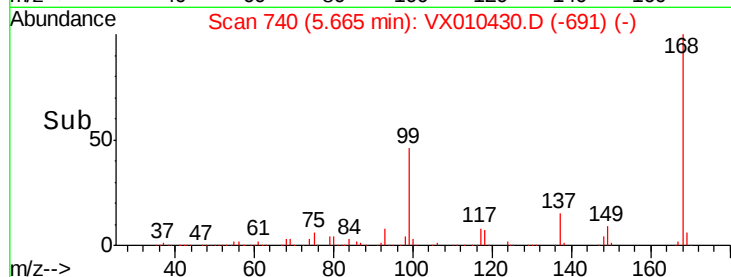
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.120 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010430.D

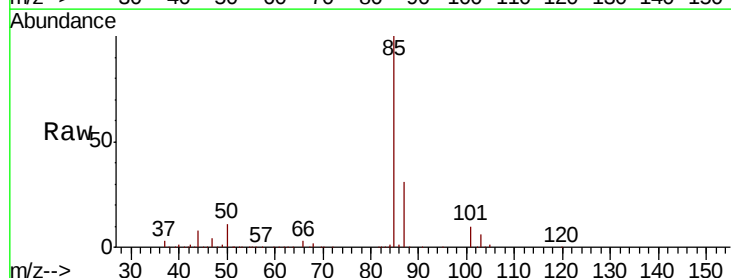
Acq: 25 Jun 2019 11:48

Tgt Ion: 85 Resp: 36306

Ion Ratio Lower Upper

85 100

87 30.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

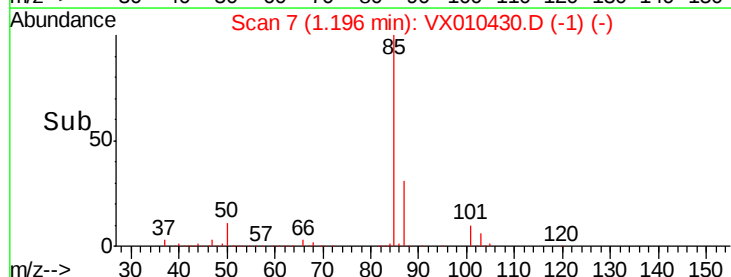
30000

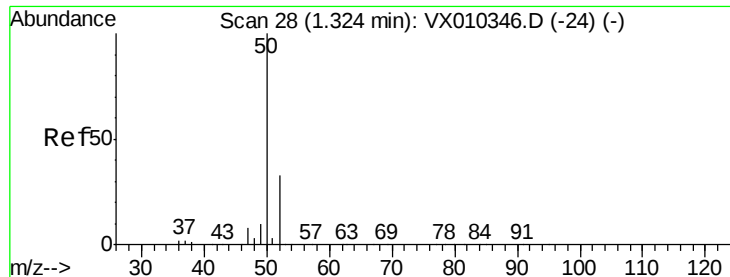
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 15.708 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

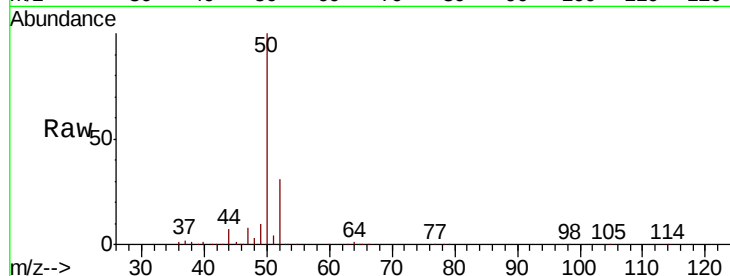
VX0625WBSD02

Tot Ion: 50 Resp: 41196

Ion Ratio Lower Upper

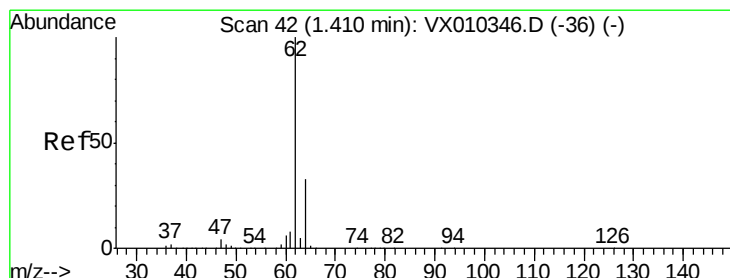
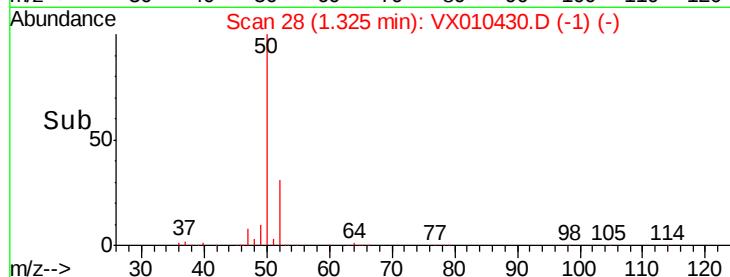
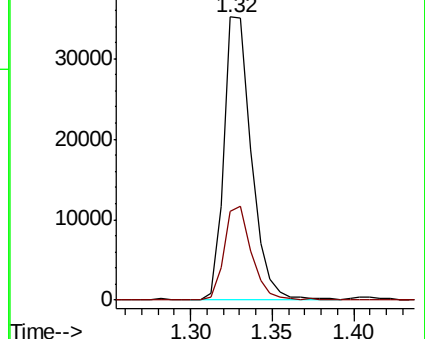
50 100

52 31.5 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 15.362 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010430.D

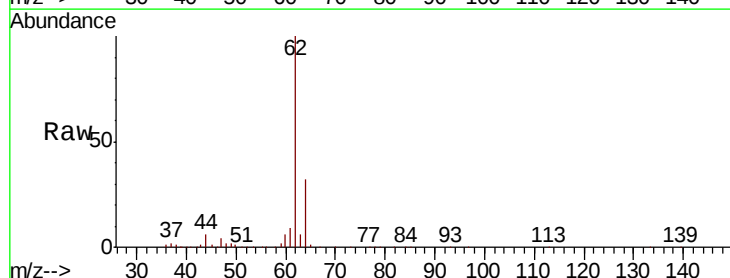
Acq: 25 Jun 2019 11:48

Tgt Ion: 62 Resp: 44130

Ion Ratio Lower Upper

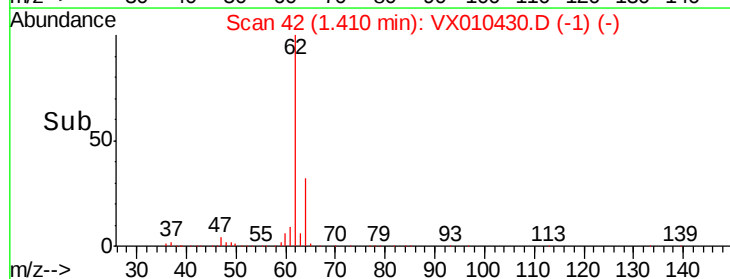
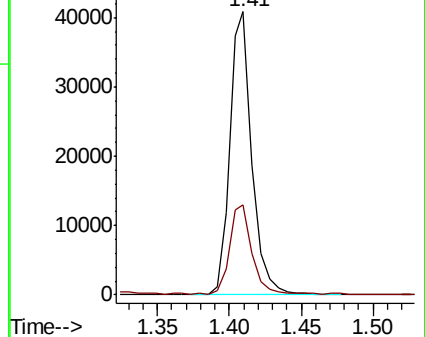
62 100

64 31.6 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.431 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

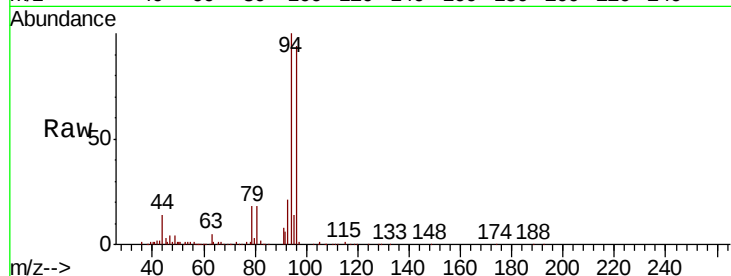
VX0625WBSD02

Tot Ion: 94 Resp: 24394

Ion Ratio Lower Upper

94 100

96 94.0 75.5 113.3



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

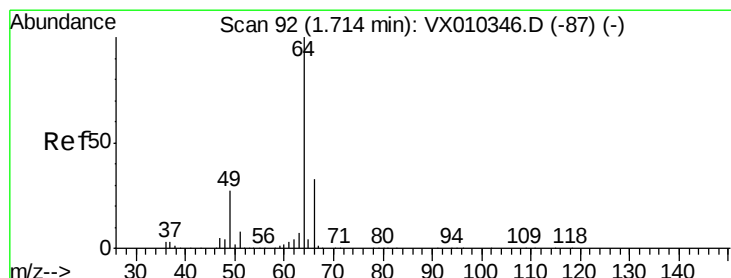
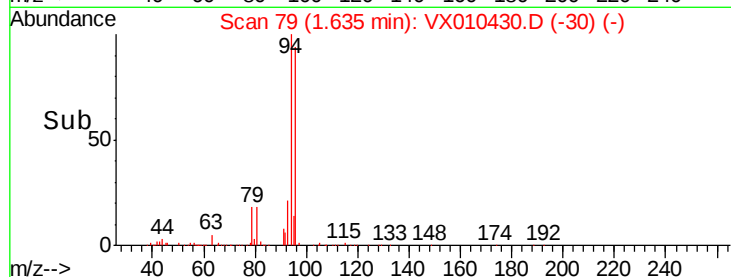
Time-->

1.55

1.60

1.65

1.70



#6

Chloroethane

Concen: 16.653 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010430.D

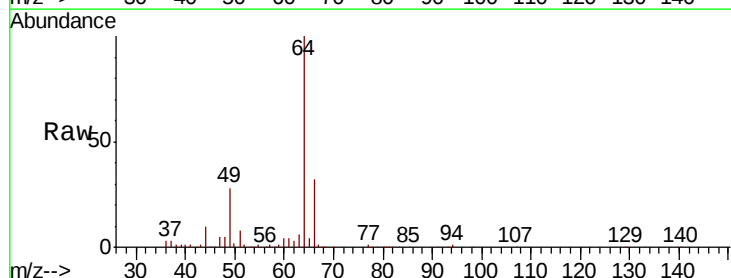
Acq: 25 Jun 2019 11:48

Tgt Ion: 64 Resp: 28223

Ion Ratio Lower Upper

64 100

66 31.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

25000

20000

15000

10000

5000

0

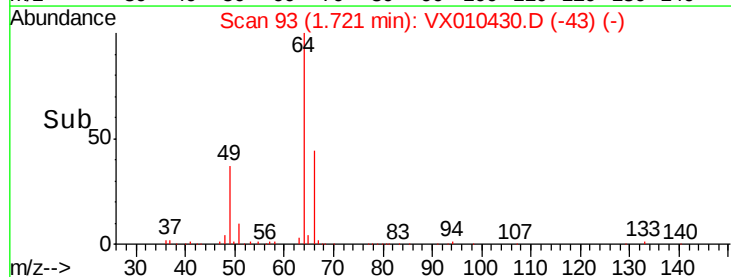
Time-->

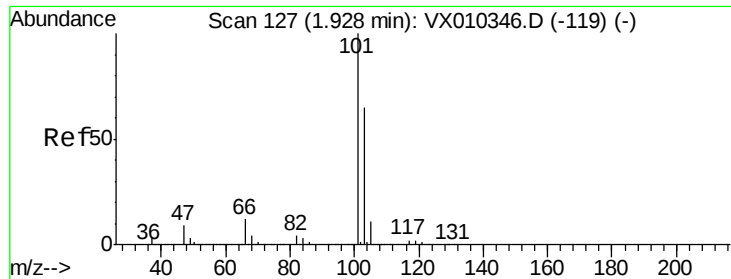
1.65

1.70

1.75

1.80



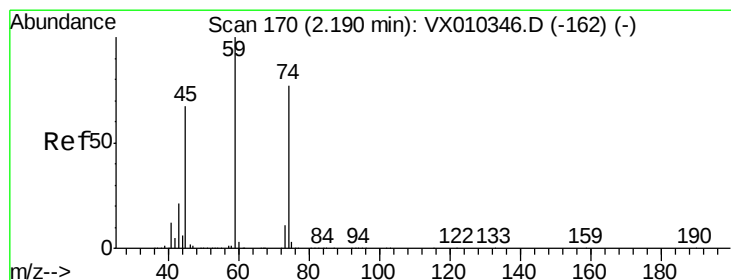
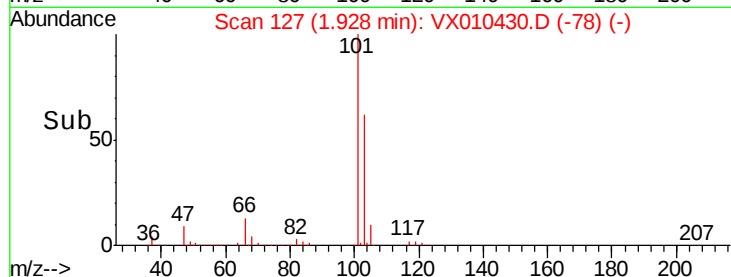
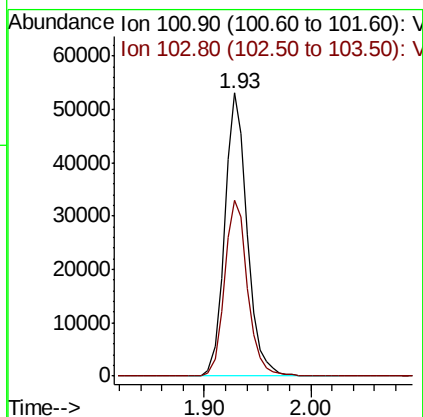
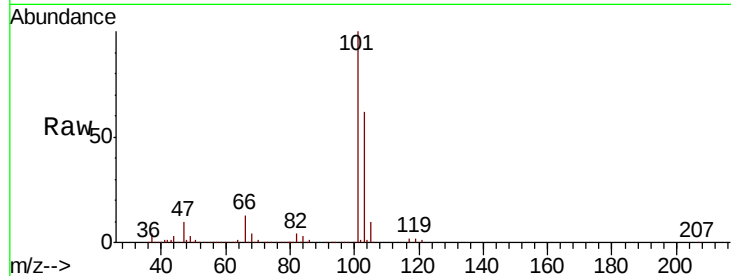


#7

Trichlorofluoromethane
 Concen: 17.162 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD02

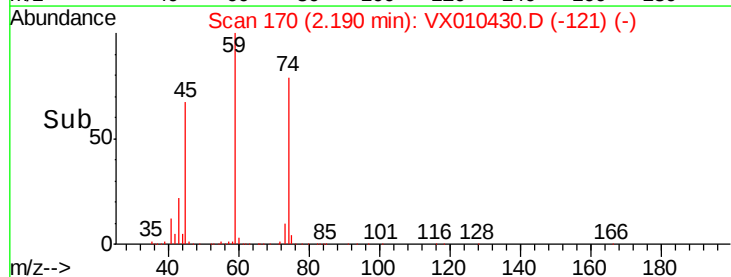
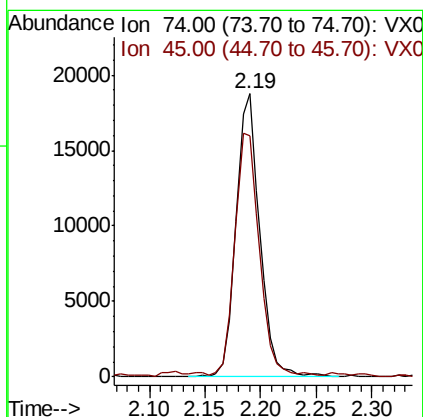
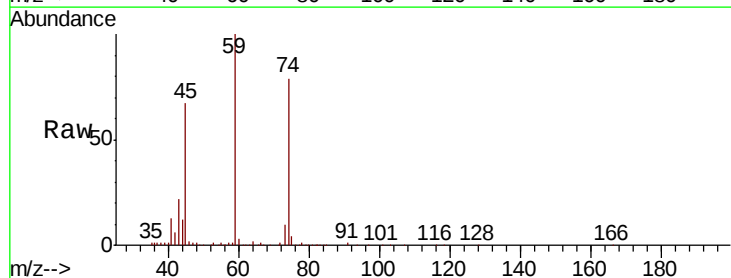
Tot Ion:101 Resp: 78150
 Ion Ratio Lower Upper
 101 100
 103 62.2 52.3 78.5



#8

Diethyl Ether
 Concen: 16.951 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Tgt Ion: 74 Resp: 27682
 Ion Ratio Lower Upper
 74 100
 45 87.5 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.893 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

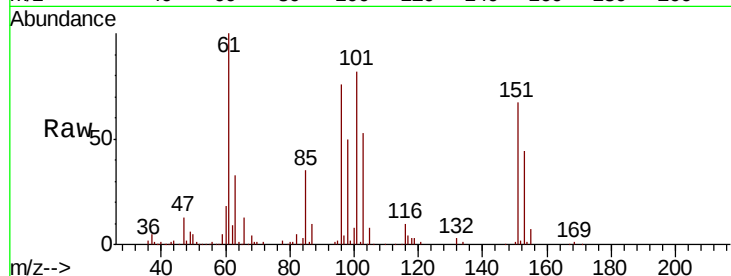
Tot Ion:101 Resp: 46618

Ion Ratio Lower Upper

101 100

85 43.0 33.7 50.5

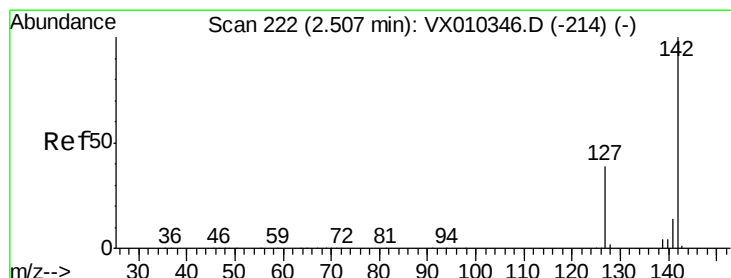
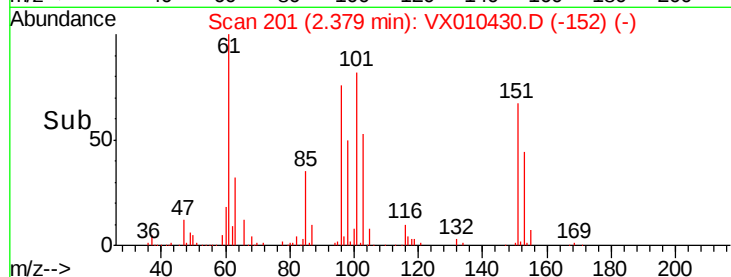
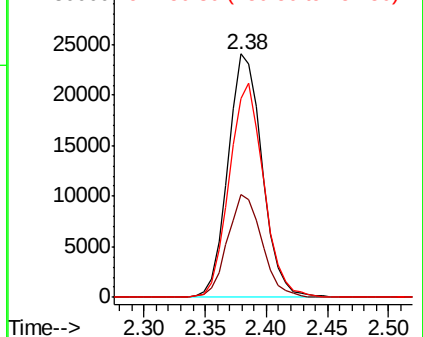
151 88.4 70.1 105.1



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: 13.857 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

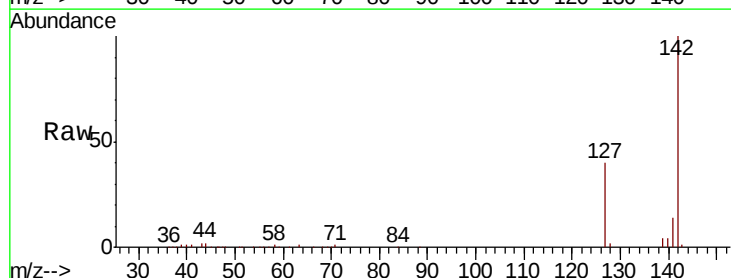
Tgt Ion:142 Resp: 54574

Ion Ratio Lower Upper

142 100

127 39.6 31.1 46.7

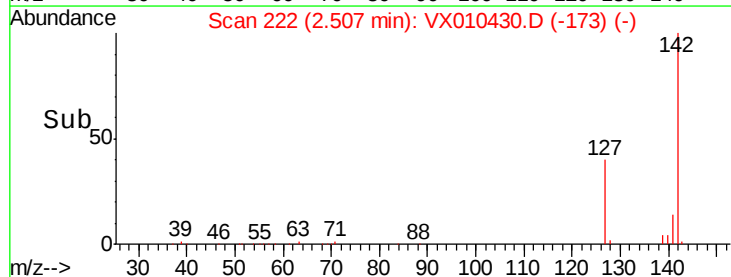
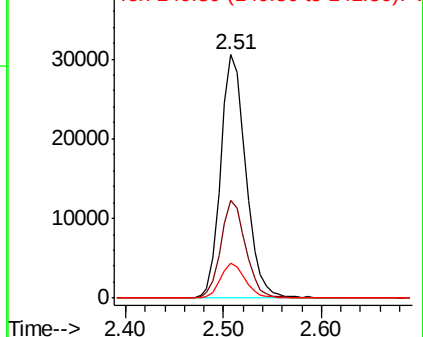
141 14.1 11.2 16.8



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



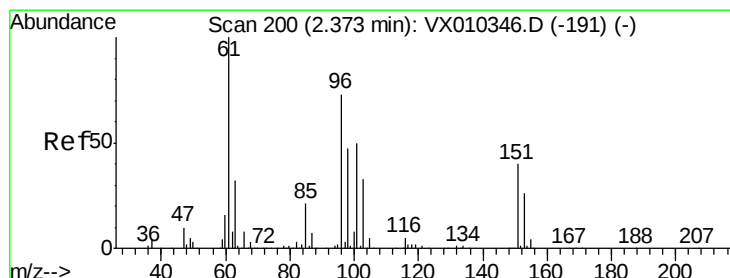
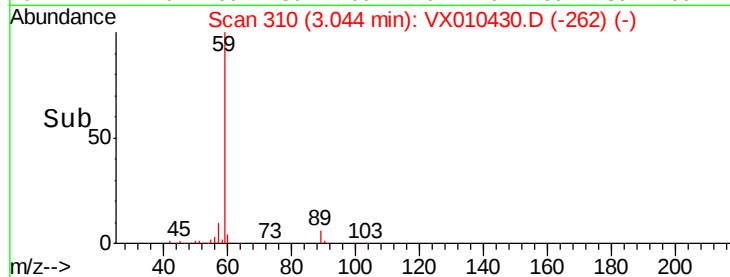
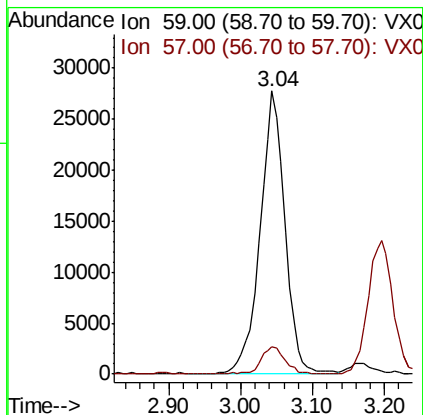
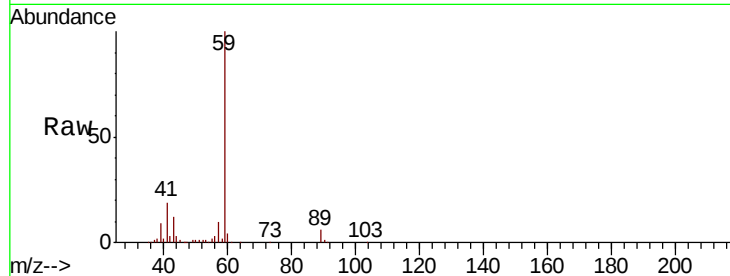


#11

Tert butyl alcohol
 Concen: 83.339 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD02

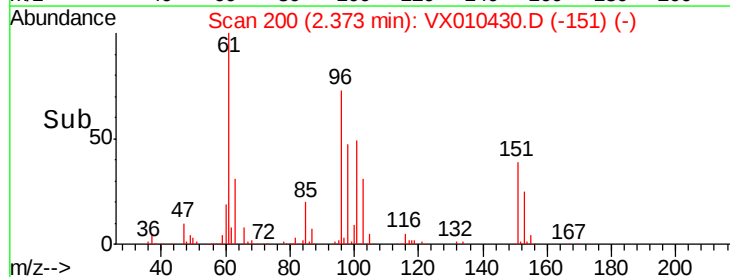
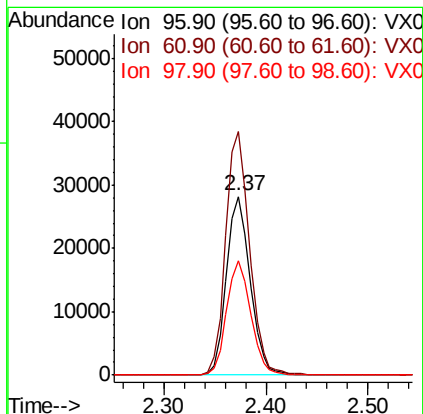
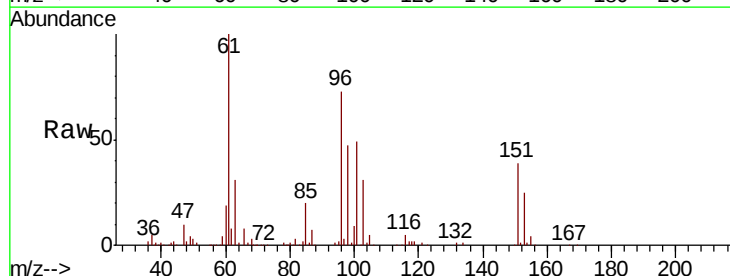
Tot Ion: 59 Resp: 66239
 Ion Ratio Lower Upper
 59 100
 57 9.4 7.7 11.5



#12

1,1-Dichloroethene
 Concen: 16.224 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Tgt Ion: 96 Resp: 45557
 Ion Ratio Lower Upper
 96 100
 61 136.3 109.2 163.8
 98 64.3 51.1 76.7





#13

Acrolein

Concen: 66.273 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

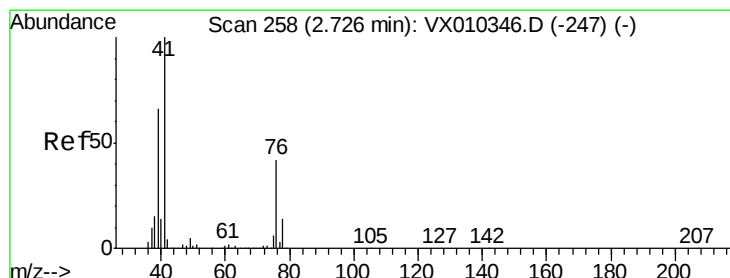
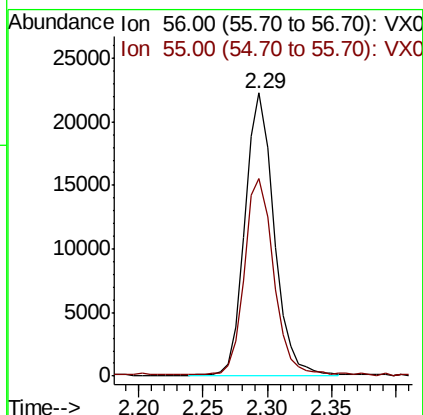
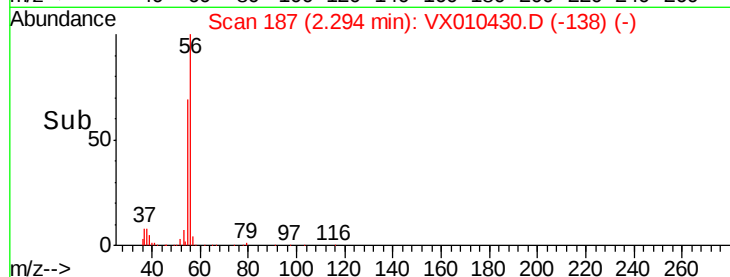
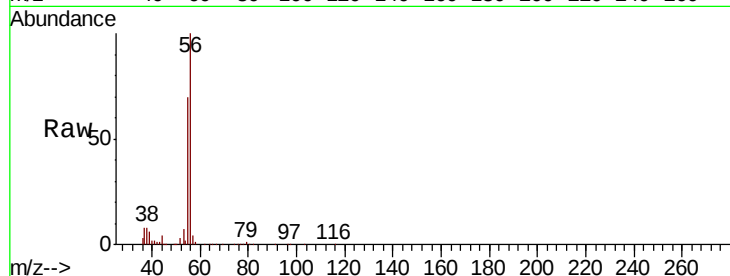
VX0625WBSD02

Tot Ion: 56 Resp: 34943

Ion Ratio Lower Upper

56 100

55 69.0 56.9 85.3



#14

Allyl chloride

Concen: 16.612 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

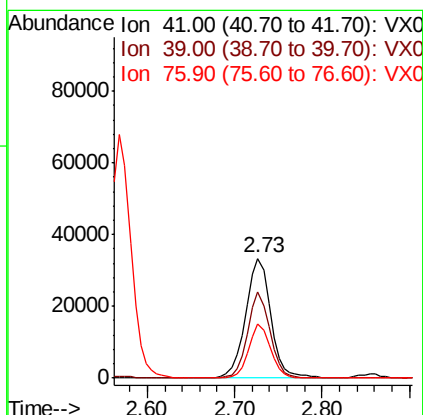
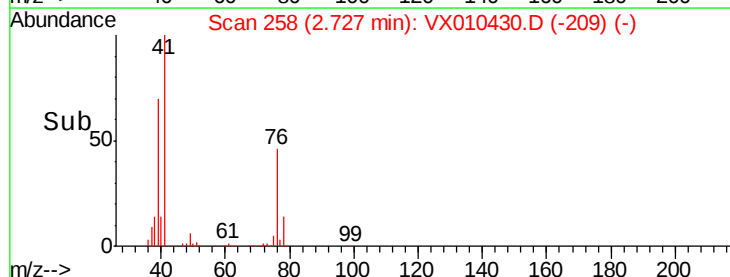
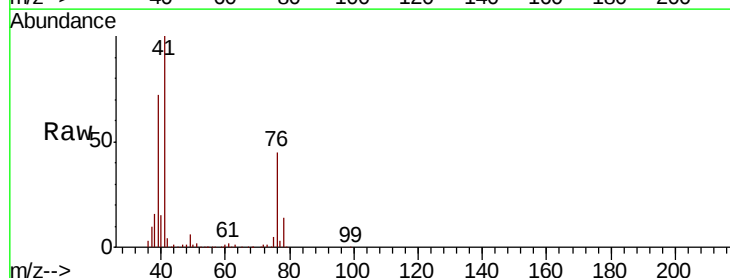
Tgt Ion: 41 Resp: 66226

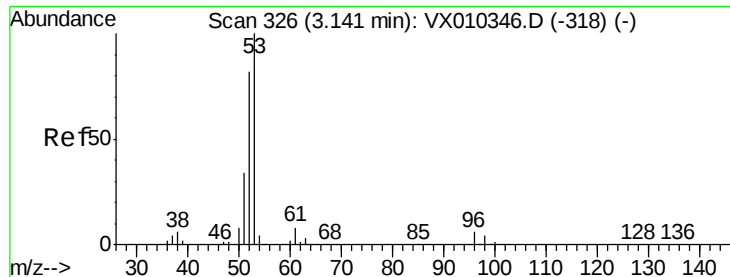
Ion Ratio Lower Upper

41 100

39 63.2 50.3 75.5

76 39.4 31.3 46.9





#15

Acrylonitrile

Concen: 81.697 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

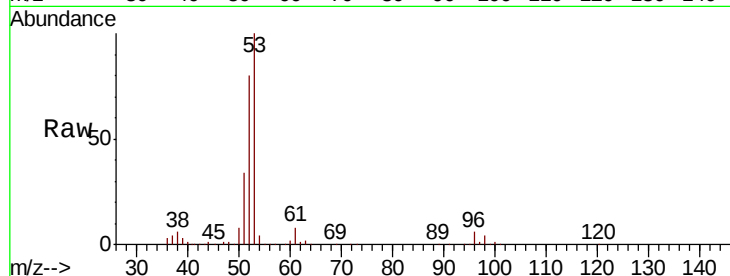
Tot Ion: 53 Resp: 128562

Ion Ratio Lower Upper

53 100

52 82.0 65.5 98.3

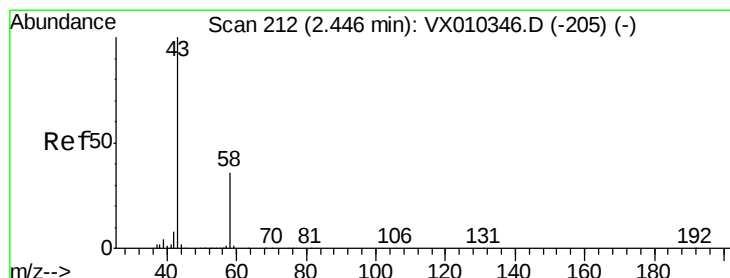
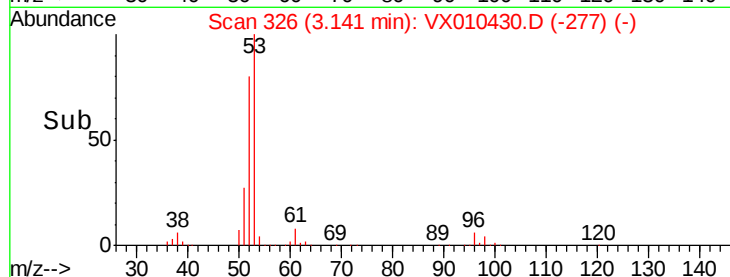
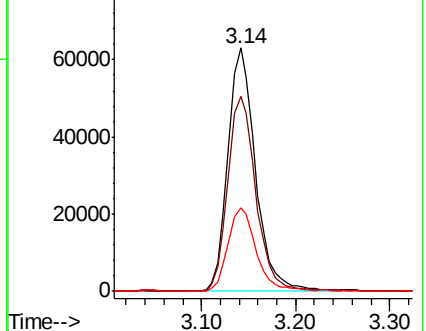
51 35.2 28.2 42.4



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: 81.871 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010430.D

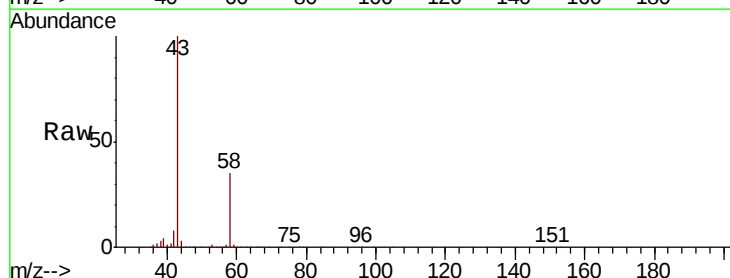
Acq: 25 Jun 2019 11:48

Tgt Ion: 43 Resp: 124632

Ion Ratio Lower Upper

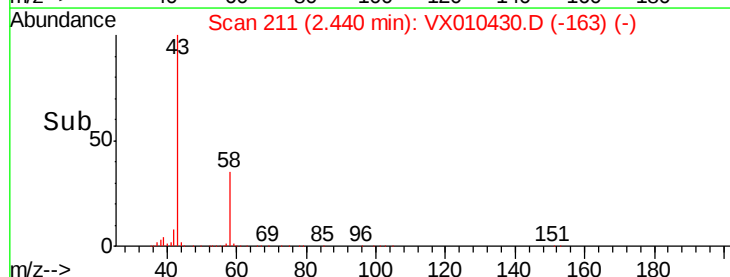
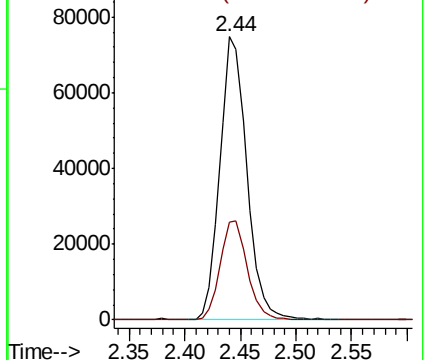
43 100

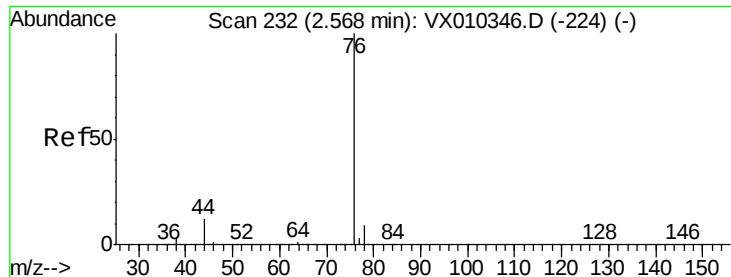
58 34.6 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

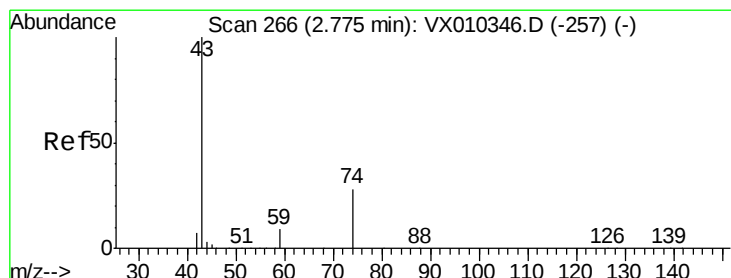
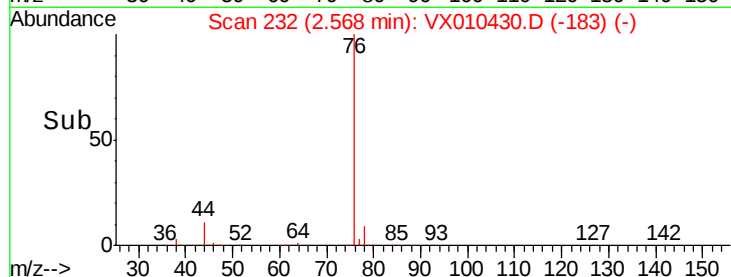
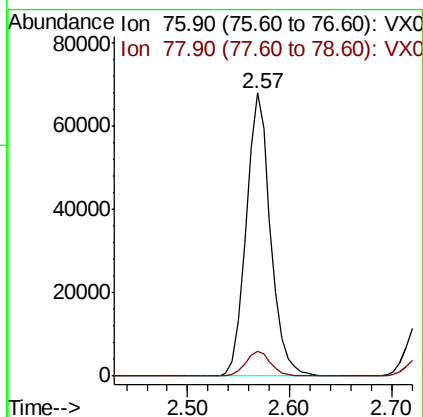
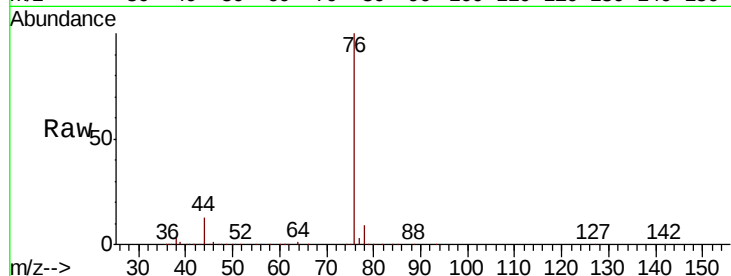




#17
Carbon Disulfide
Concen: 14.922 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

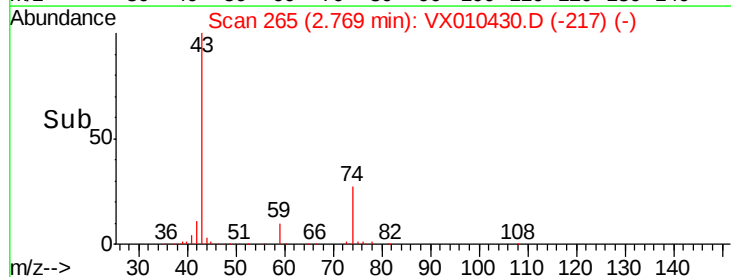
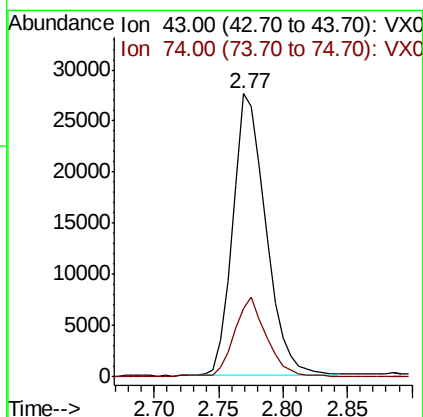
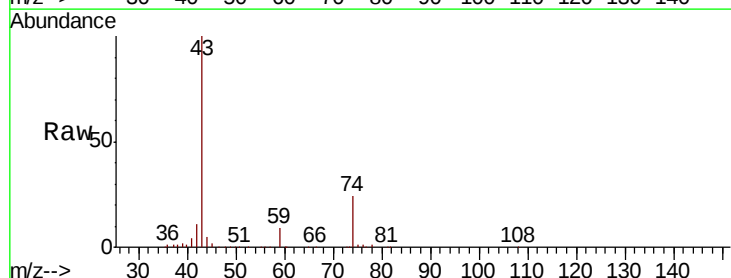
Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

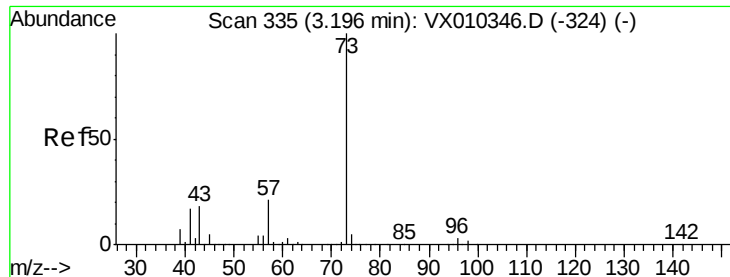
Tot Ion: 76 Resp: 112419
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 16.331 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion: 43 Resp: 49549
Ion Ratio Lower Upper
43 100
74 27.7 21.3 31.9



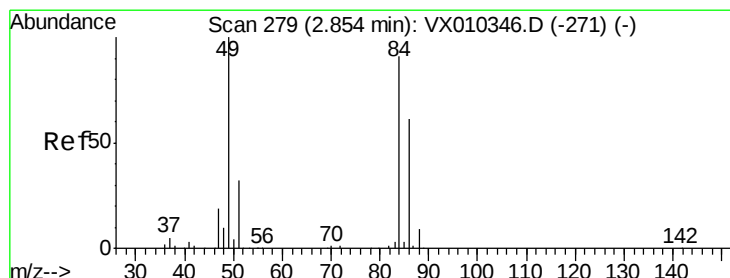
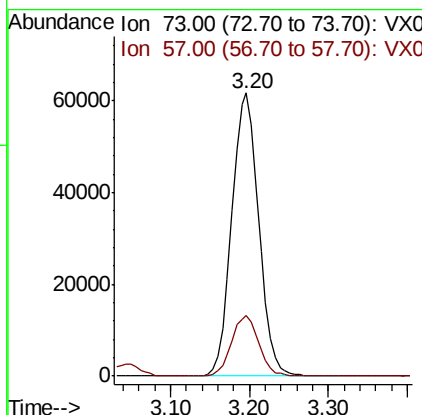
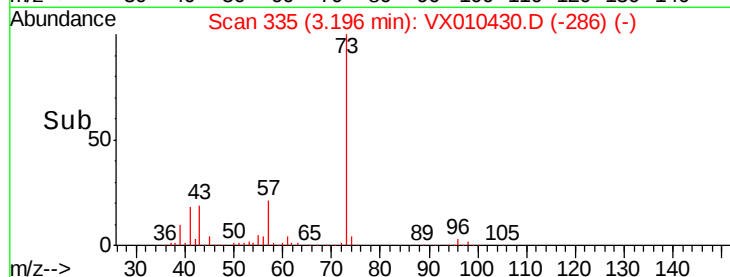
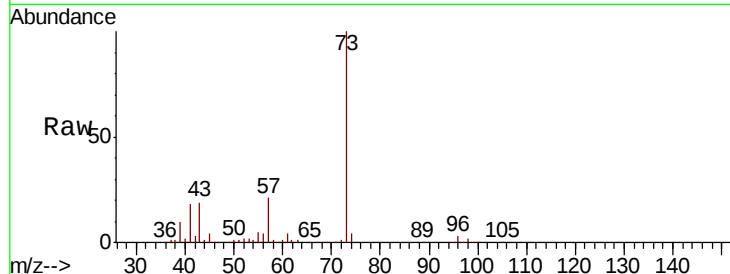


#19

Methvl tert-butvl Ether
 Concen: 16.599 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD02

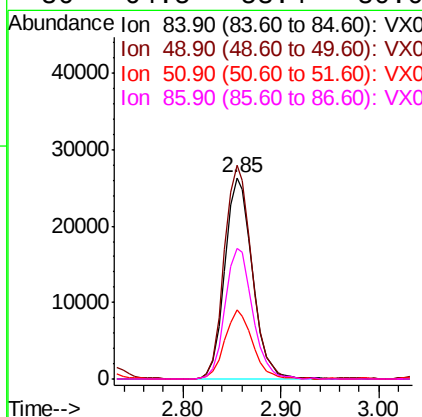
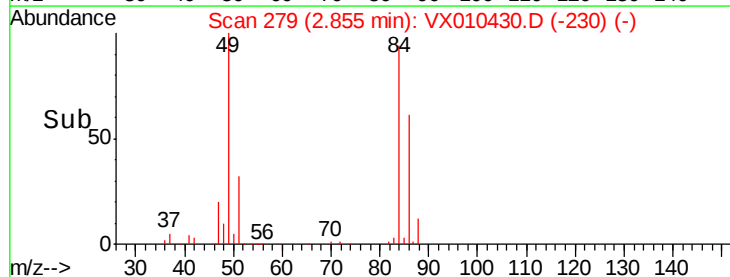
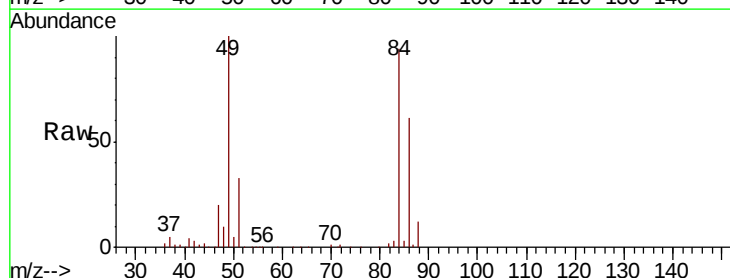
Tot Ion: 73 Resp: 146633
 Ion Ratio Lower Upper
 73 100
 57 21.3 16.4 24.6

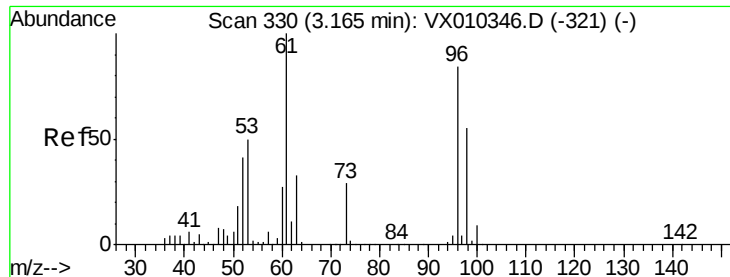


#20

Methylene Chloride
 Concen: 16.433 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Tgt Ion: 84 Resp: 51480
 Ion Ratio Lower Upper
 84 100
 49 105.9 87.5 131.3
 51 34.3 27.7 41.5
 86 64.5 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 16.071 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

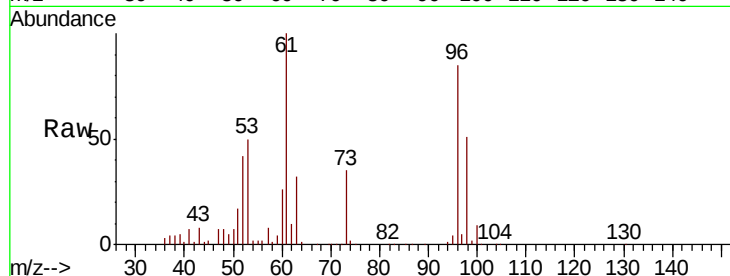
Tot Ion: 96 Resp: 48536

Ion Ratio Lower Upper

96 100

61 117.1 95.6 143.4

98 59.3 52.5 78.7

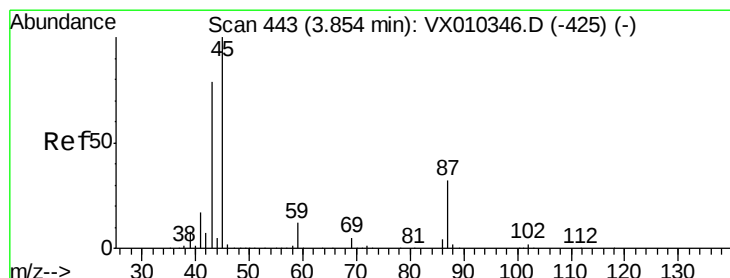
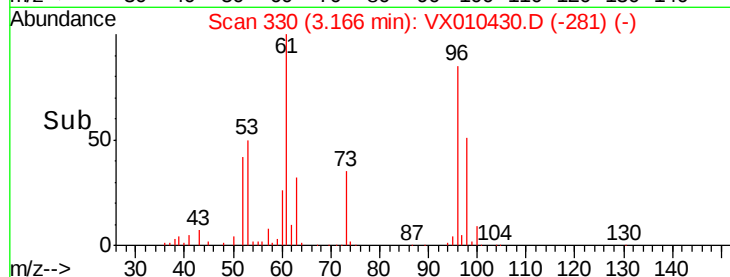
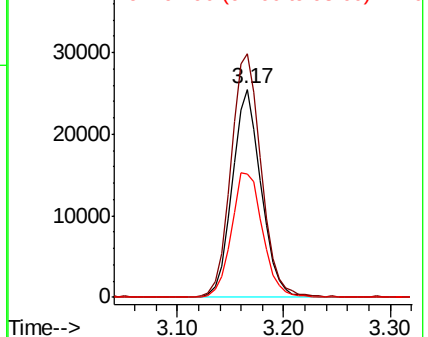


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 16.799 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Tgt Ion: 45 Resp: 140019

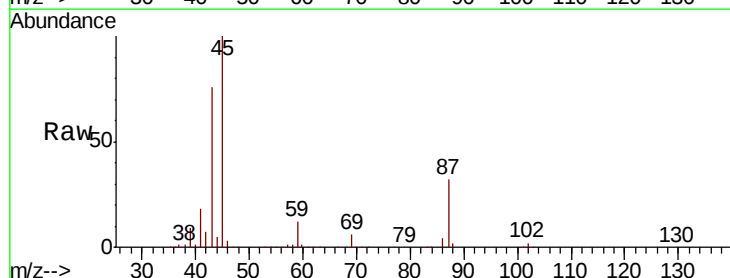
Ion Ratio Lower Upper

45 100

43 75.6 63.3 94.9

87 31.7 25.8 38.8

59 11.7 9.6 14.4



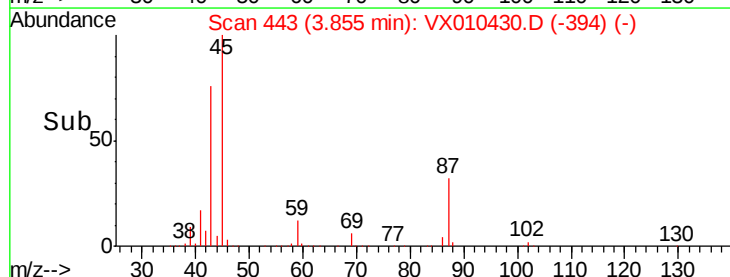
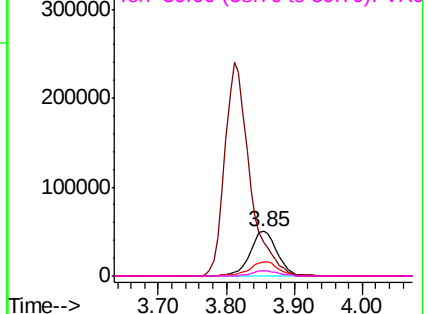
Abundance

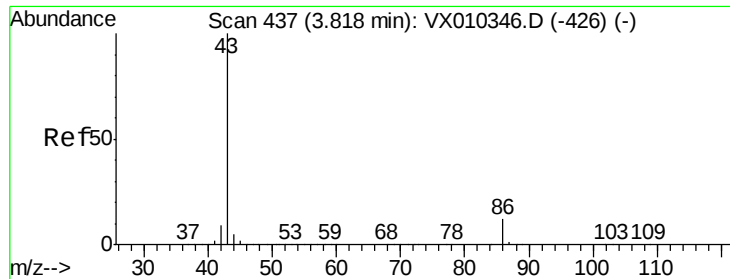
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 85.415 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleID :

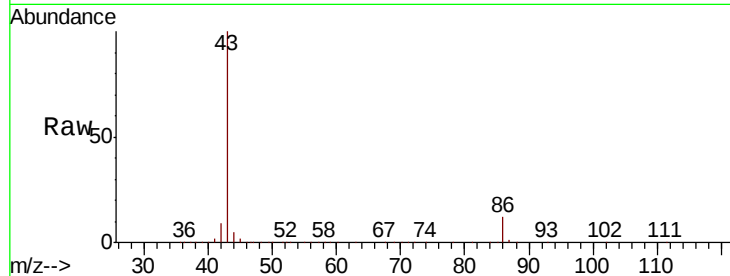
VX0625WBSD02

Tot Ion: 43 Resp: 615041

Ion Ratio Lower Upper

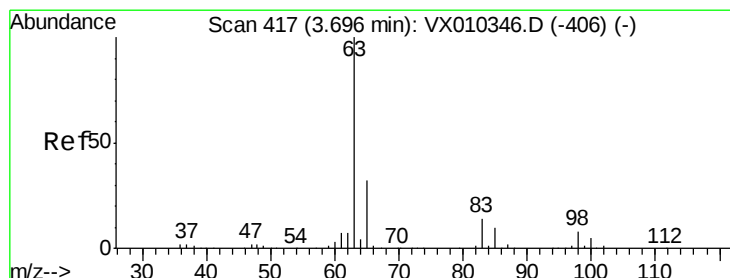
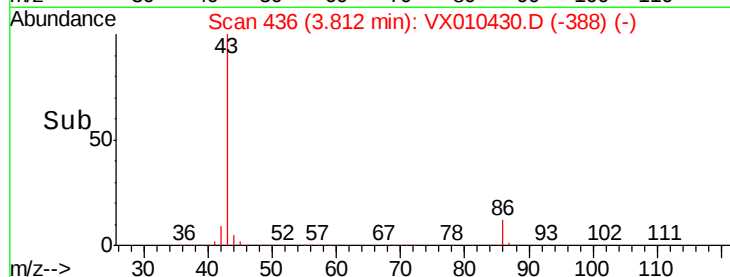
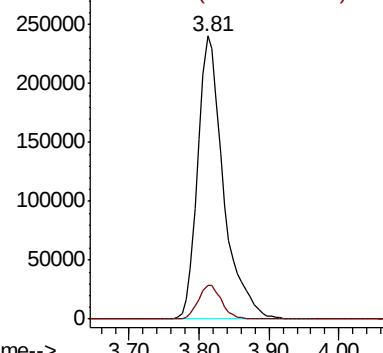
43 100

86 12.0 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 16.476 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

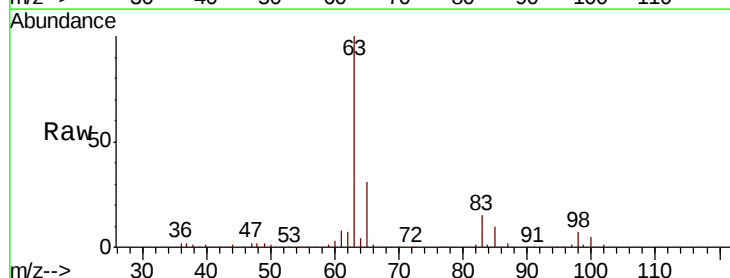
Tgt Ion: 63 Resp: 79379

Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.7

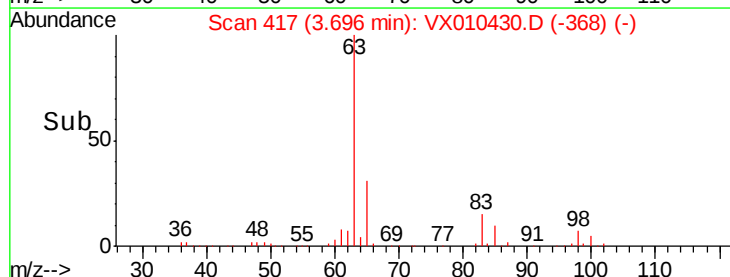
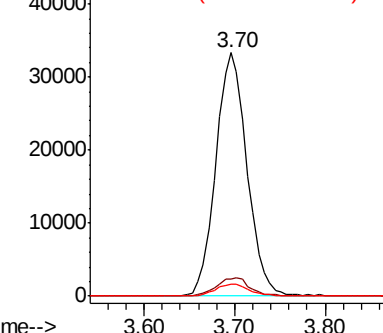
100 4.9 2.4 7.1

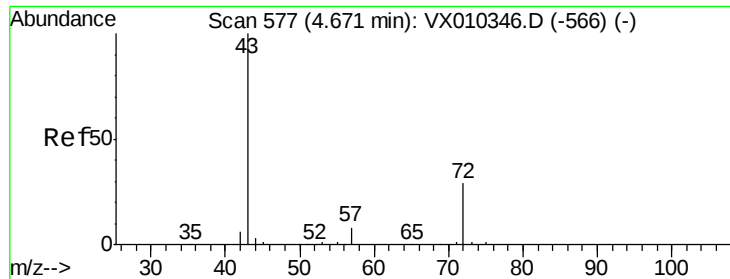


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 82.512 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

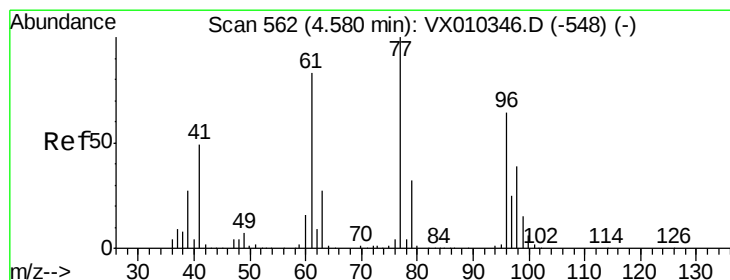
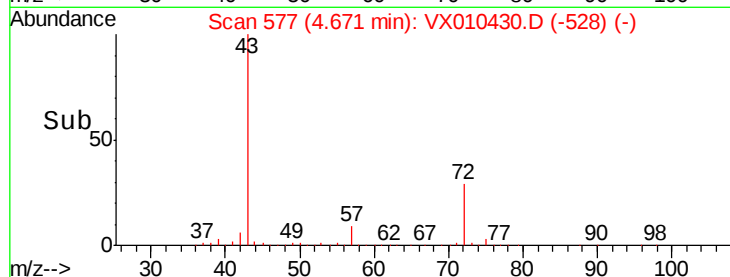
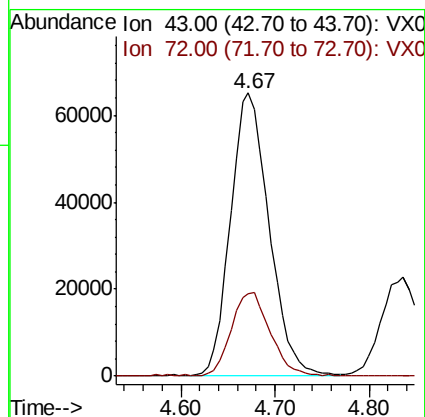
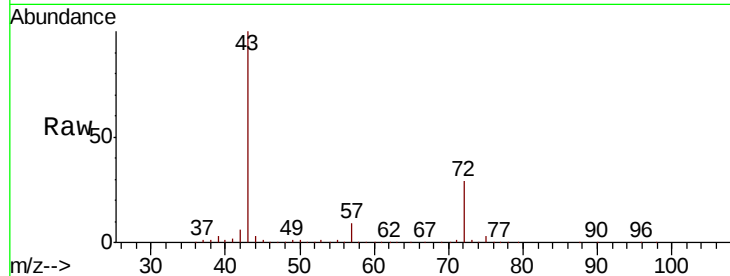
VX0625WBSD02

Tot Ion: 43 Resp: 184251

Ion Ratio Lower Upper

43 100

72 29.1 23.3 34.9



#26

2,2-Dichloropropane

Concen: 16.895 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010430.D

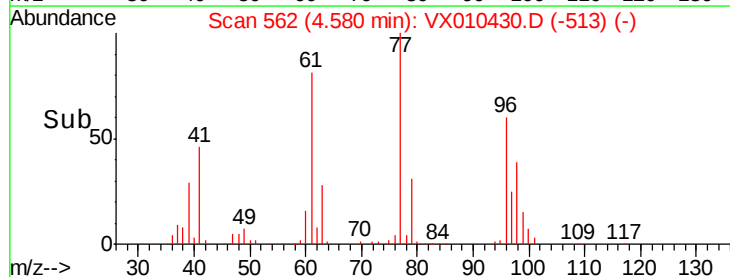
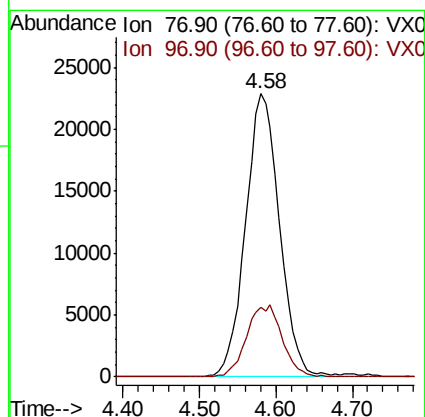
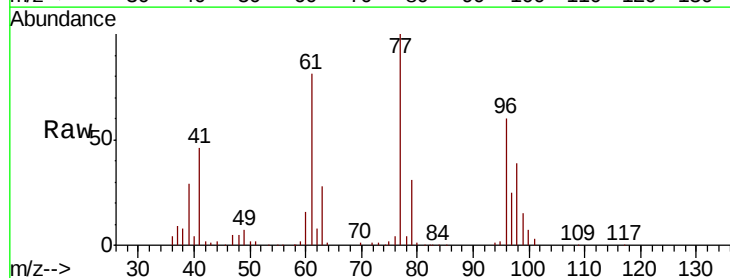
Acq: 25 Jun 2019 11:48

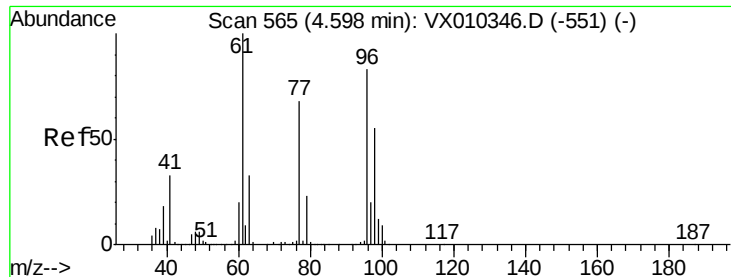
Tgt Ion: 77 Resp: 70713

Ion Ratio Lower Upper

77 100

97 26.4 13.1 39.3



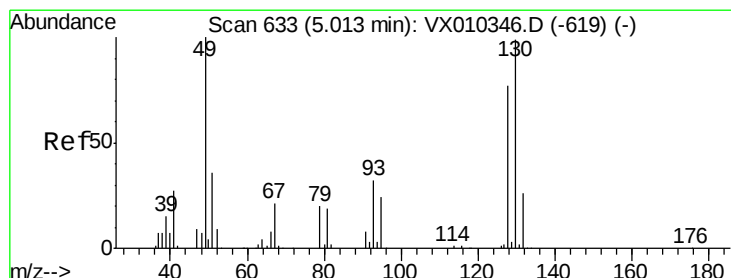
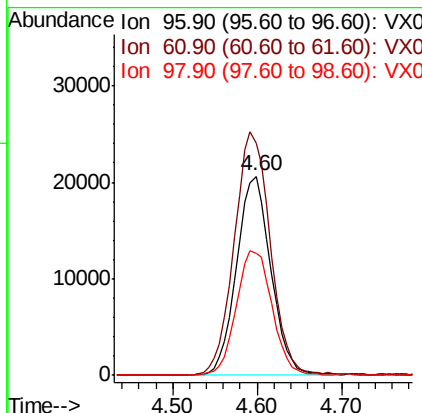
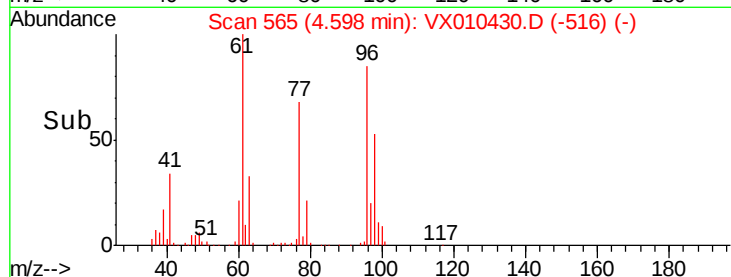
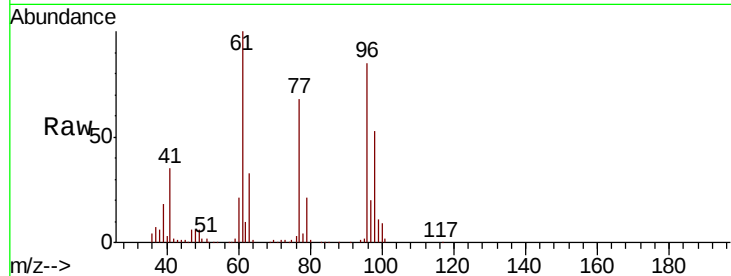


#27

cis-1,2-Dichloroethene
Concen: 16.306 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

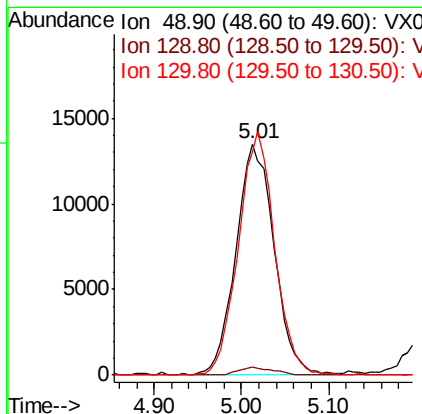
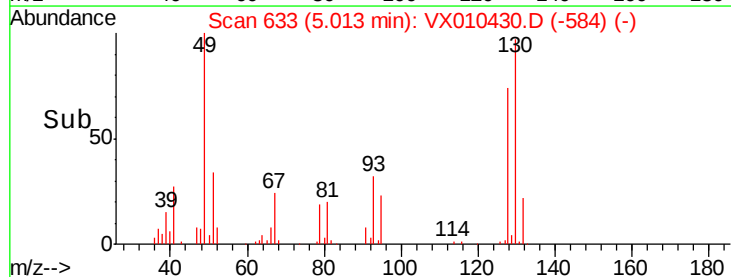
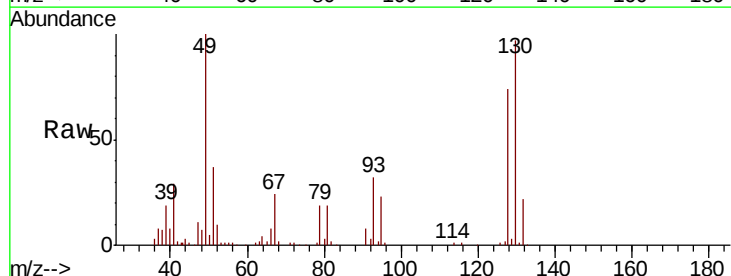
Tot Ion: 96 Resp: 56907
Ion Ratio Lower Upper
96 100
61 129.0 0.0 251.8
98 65.2 0.0 129.4

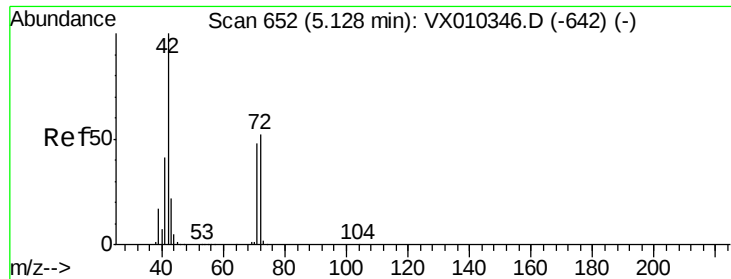


#28

Bromochloromethane
Concen: 17.861 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion: 49 Resp: 41144
Ion Ratio Lower Upper
49 100
129 3.3 0.0 5.6
130 99.3 81.4 122.0





#29

Tetrahydrofuran

Concen: 80.267 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

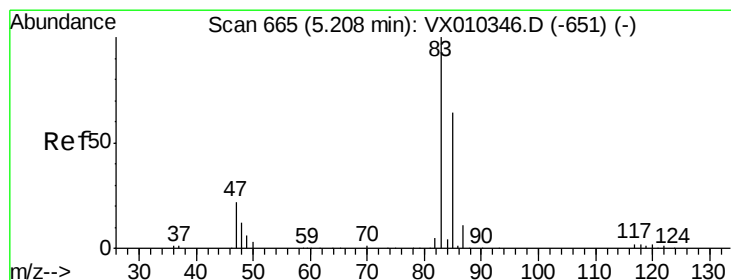
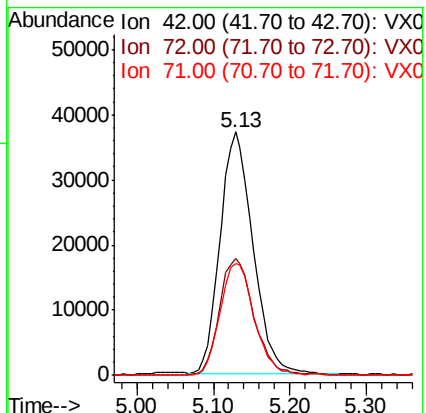
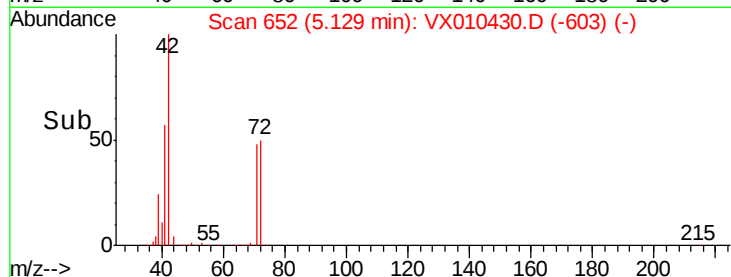
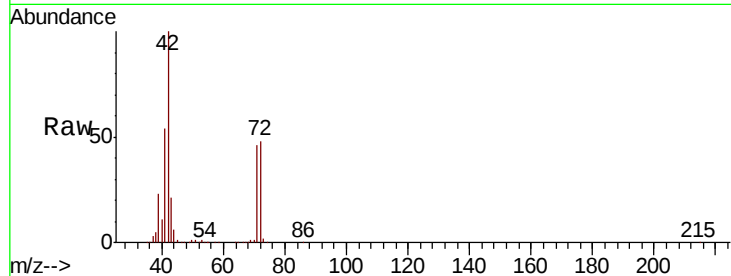
Tot Ion: 42 Resp: 111021

Ion Ratio Lower Upper

42 100

72 50.9 40.6 60.8

71 48.0 37.8 56.8



#30

Chloroform

Concen: 16.549 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010430.D

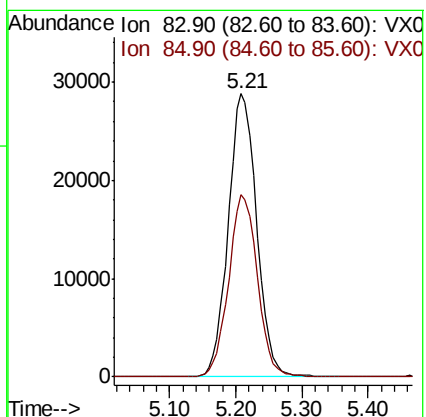
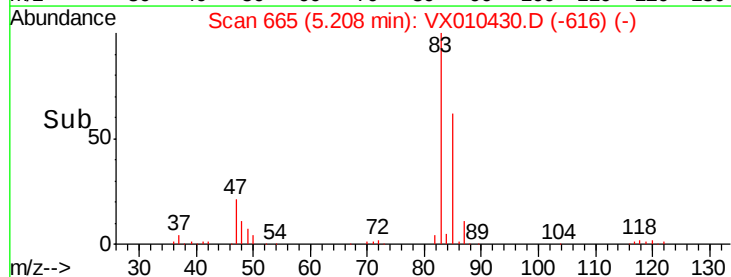
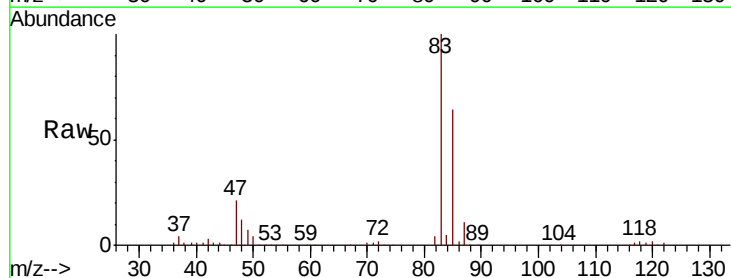
Acq: 25 Jun 2019 11:48

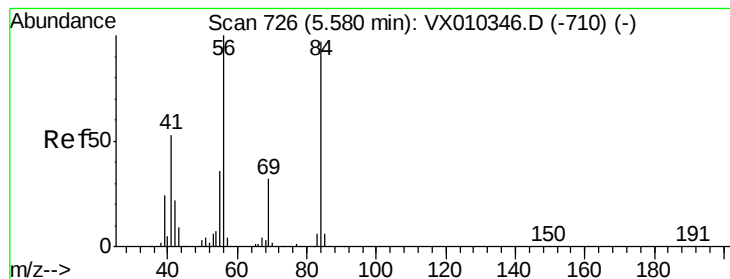
Tgt Ion: 83 Resp: 85786

Ion Ratio Lower Upper

83 100

85 64.5 50.9 76.3





#31

Cyclohexane

Concen: 16.671 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

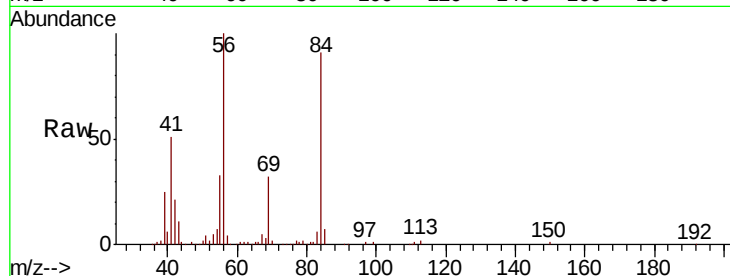
Tot Ion: 56 Resp: 73144

Ion Ratio Lower Upper

56 100

69 31.5 25.9 38.9

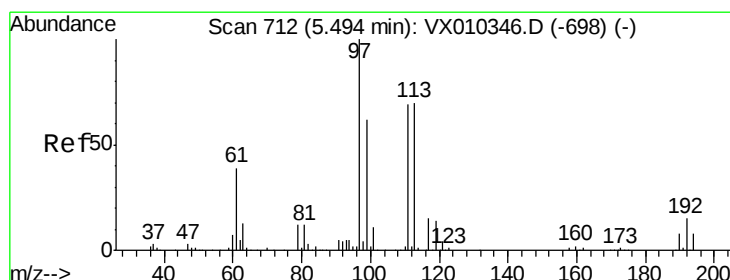
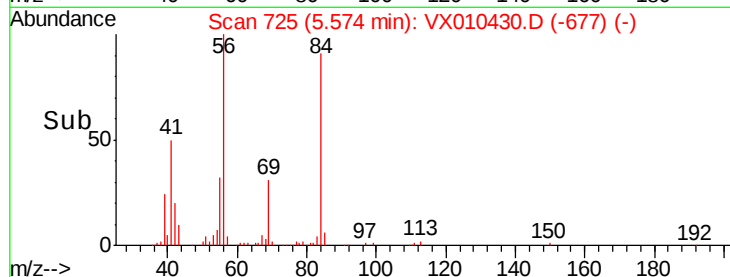
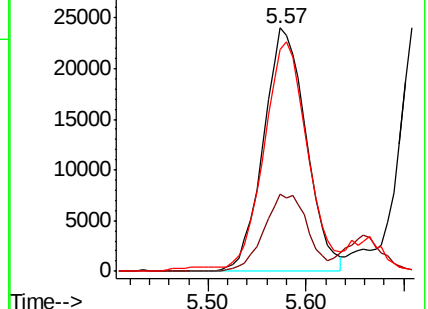
84 89.5 78.0 117.0



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: 16.325 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

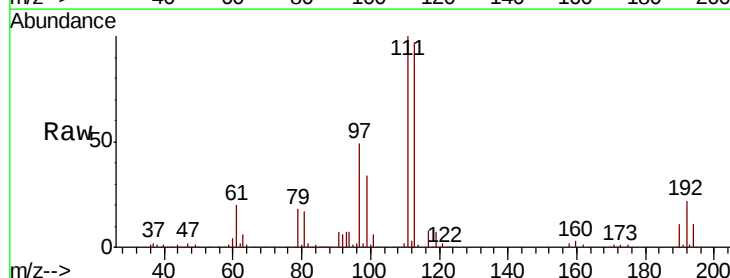
Tgt Ion: 97 Resp: 74724

Ion Ratio Lower Upper

97 100

99 66.0 51.8 77.8

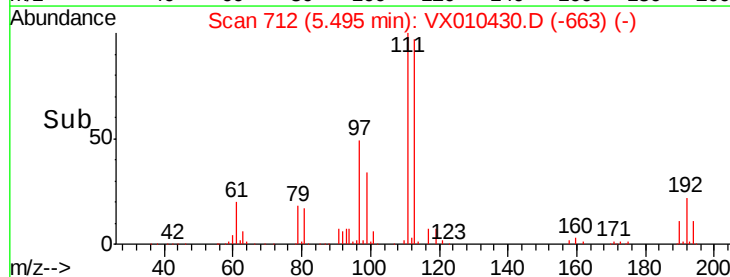
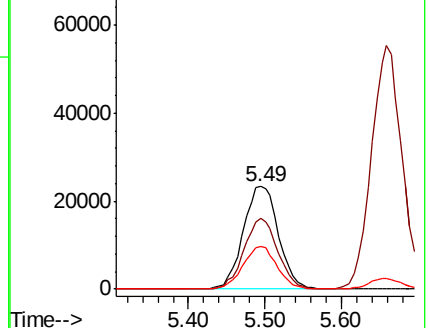
61 40.4 32.1 48.1

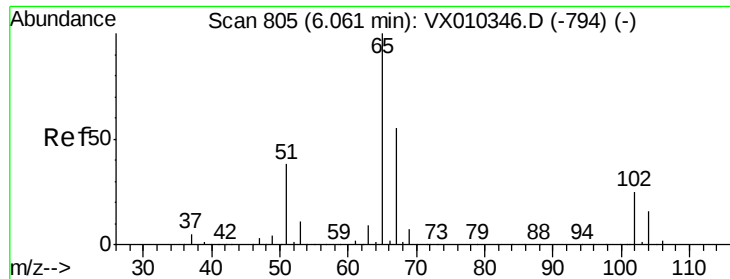


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.389 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

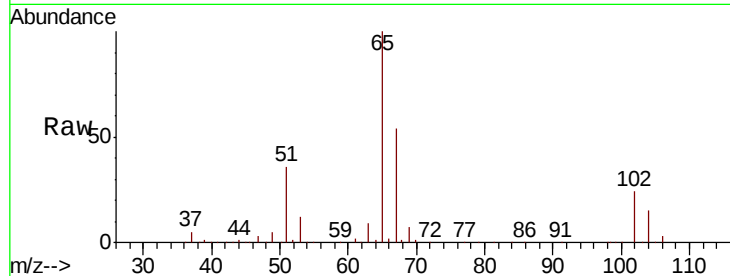
VX0625WBSD02

Tot Ion: 65 Resp: 134831

Ion Ratio Lower Upper

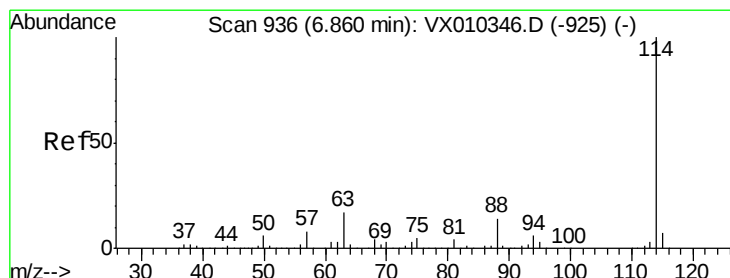
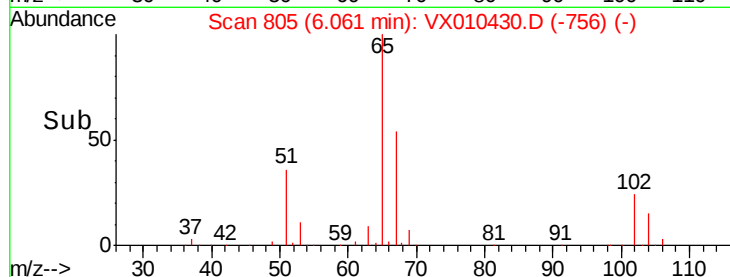
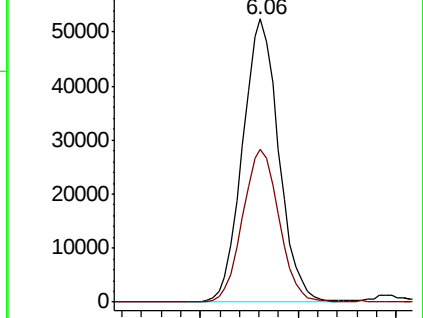
65 100

67 54.4 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

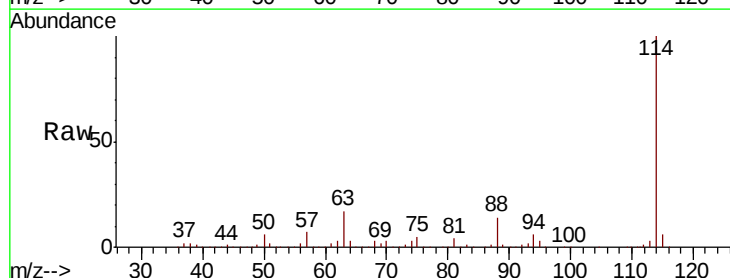
Tgt Ion: 114 Resp: 471492

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.8

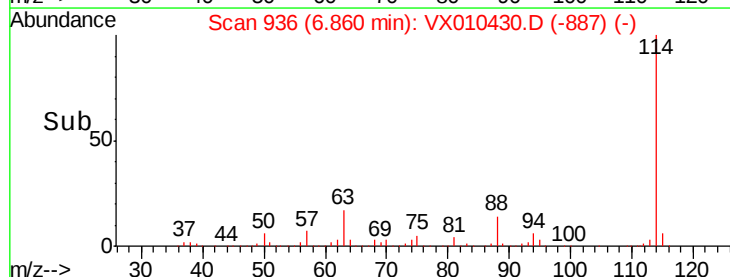
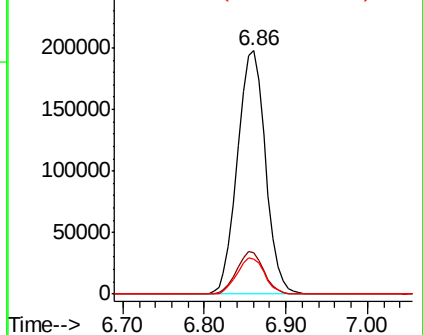
88 14.4 0.0 27.6

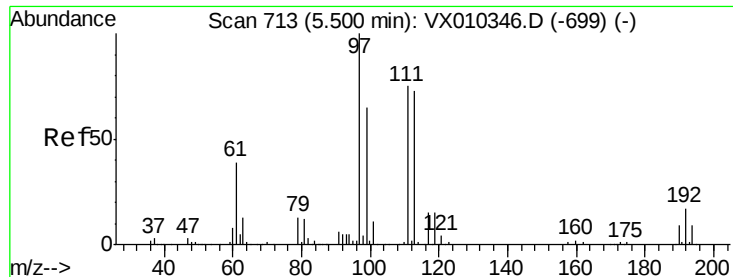


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

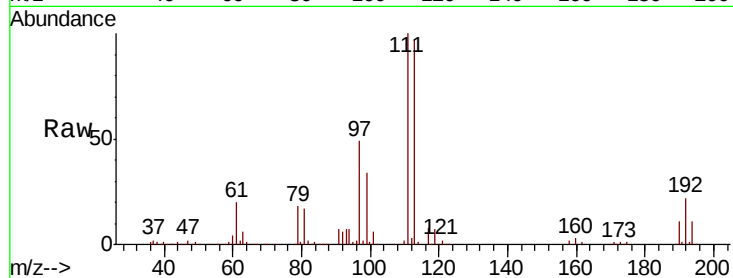




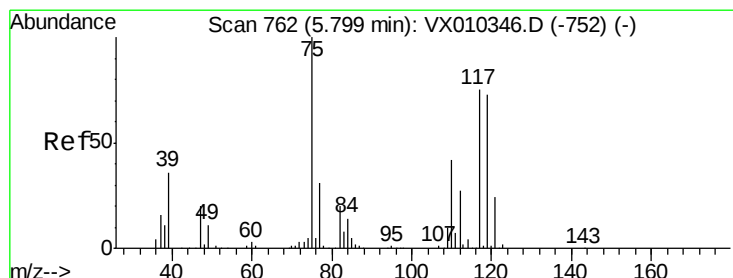
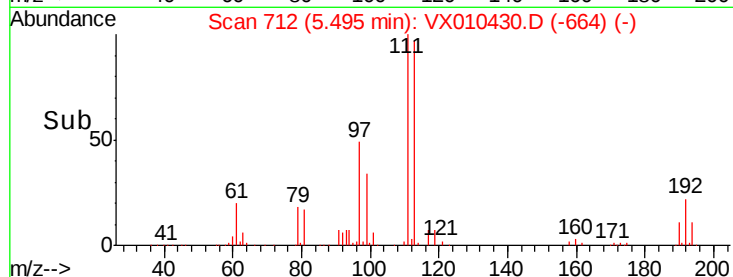
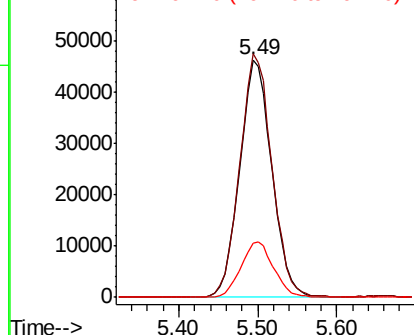
#35
 Dibromofluoromethane
 Concen: 45.330 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD02

Tot Ion:113 Resp: 130766
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.2 121.8
 192 23.7 18.6 27.8

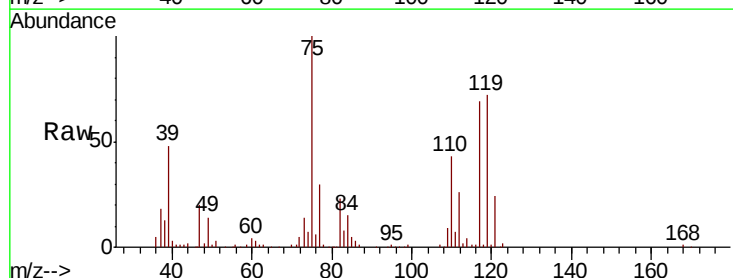


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

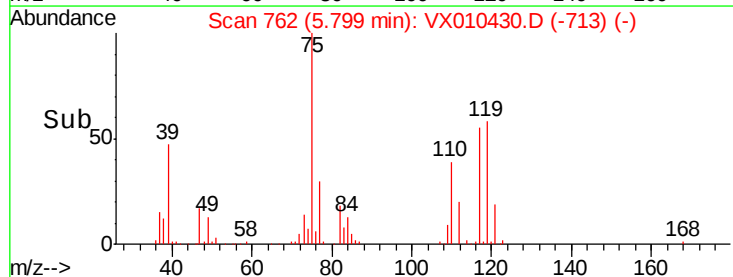
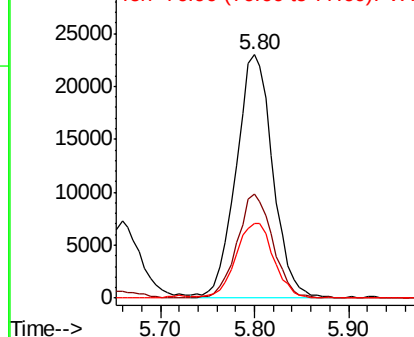


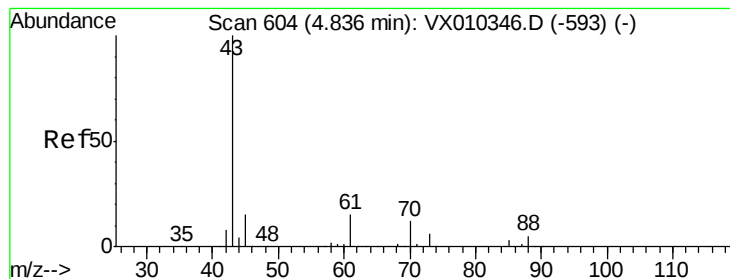
#36
 1,1-Dichloropropene
 Concen: 16.515 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Tgt Ion: 75 Resp: 61876
 Ion Ratio Lower Upper
 75 100
 110 42.2 20.8 62.2
 77 32.1 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 17.117 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

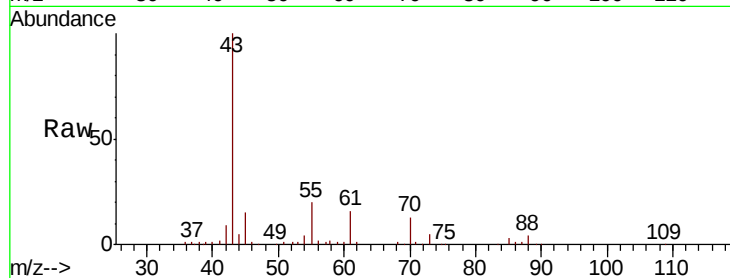
Tot Ion: 43 Resp: 65979

Ion Ratio Lower Upper

43 100

61 15.4 12.4 18.6

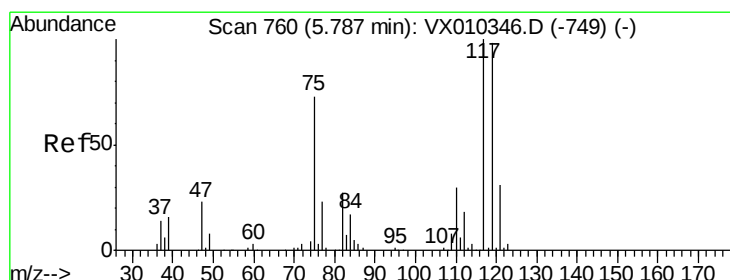
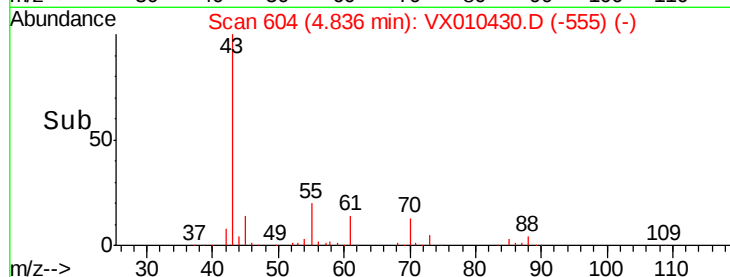
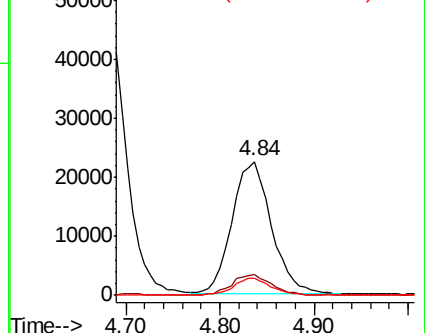
70 12.4 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 16.528 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

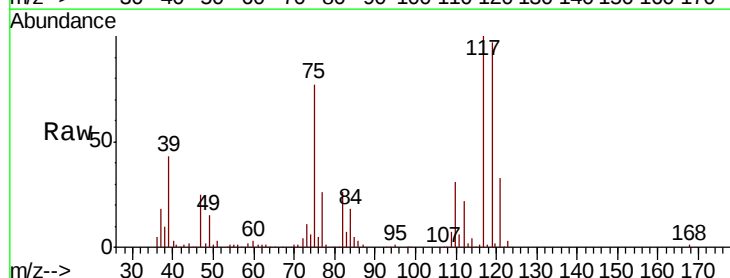
Tgt Ion: 117 Resp: 67058

Ion Ratio Lower Upper

117 100

119 96.6 78.2 117.4

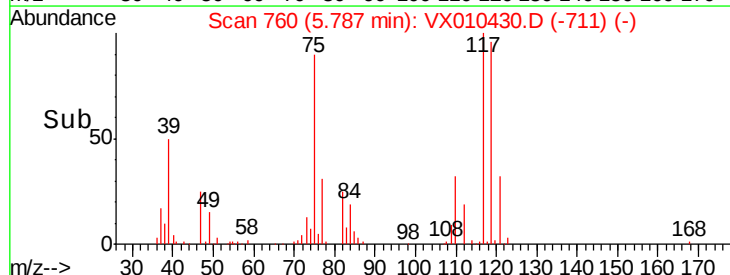
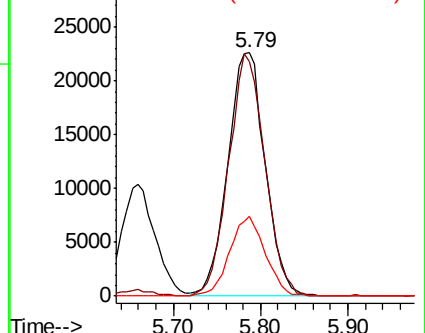
121 32.8 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

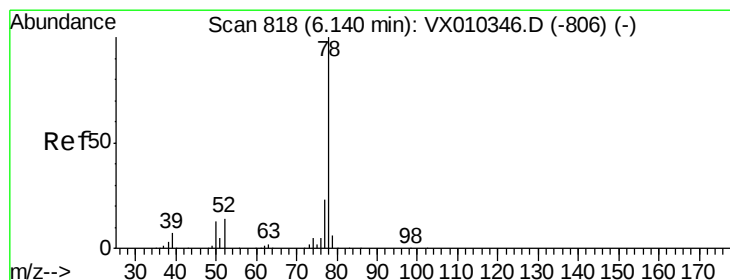
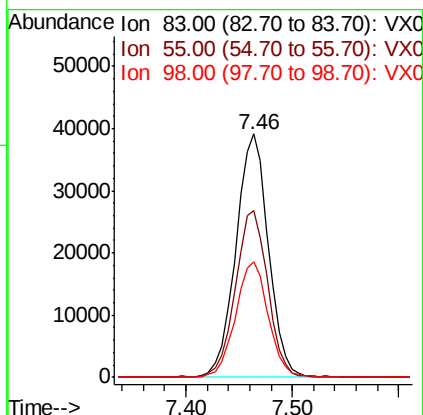
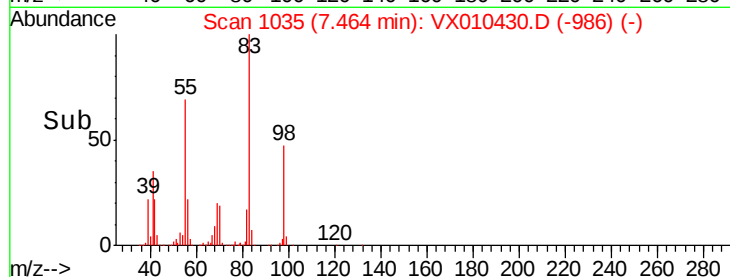
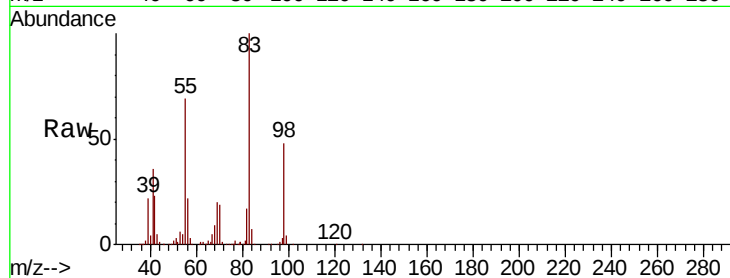




#39
Methvlcvclohexane
Concen: 17.039 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

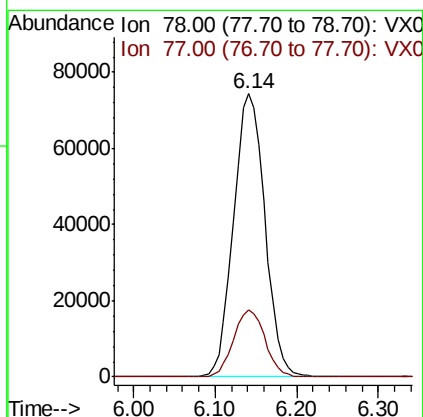
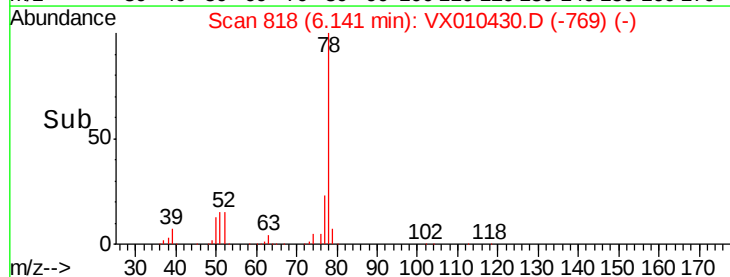
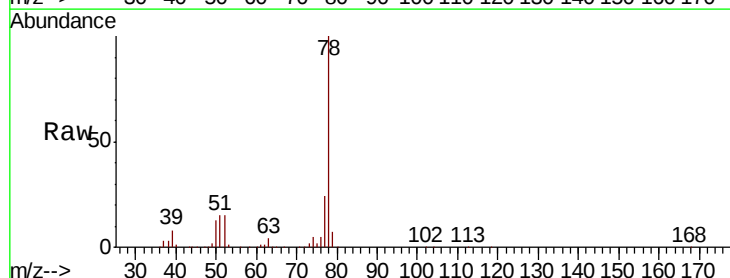
Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

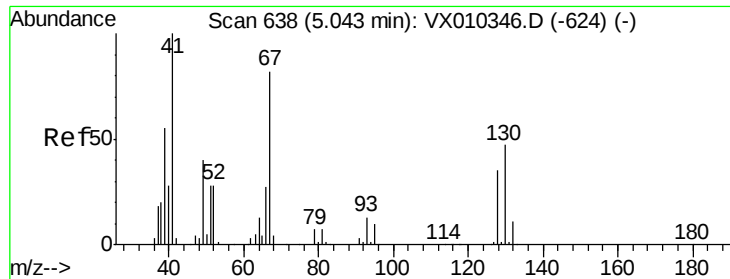
Tot Ion: 83 Resp: 83916
Ion Ratio Lower Upper
83 100
55 68.5 53.0 79.6
98 47.5 37.8 56.8



#40
Benzene
Concen: 16.933 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion: 78 Resp: 197656
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0

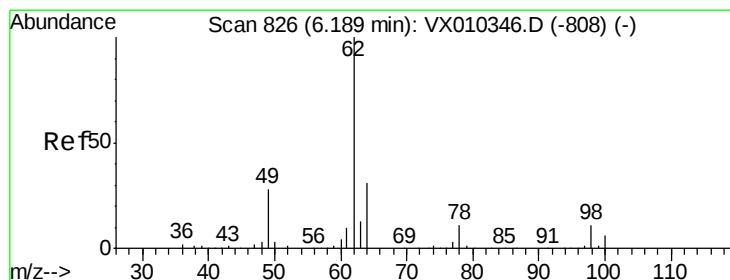
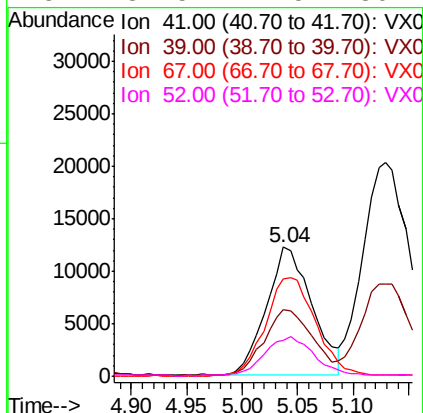
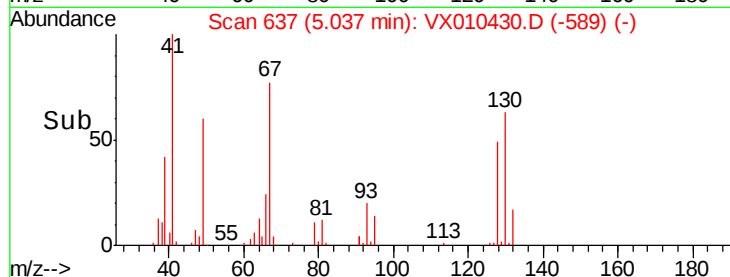
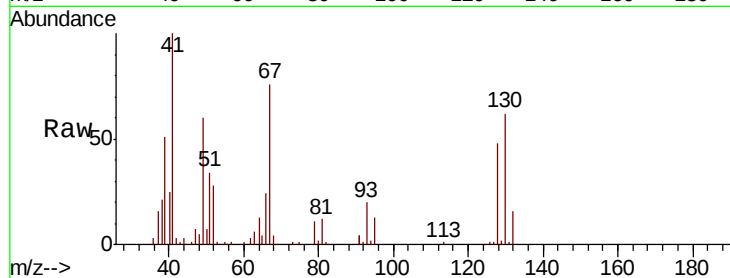




#41
Methacrylonitrile
Concen: 16.536 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

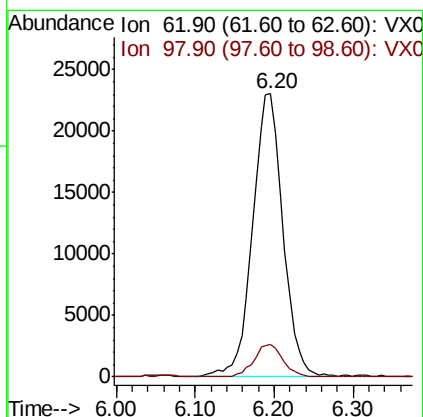
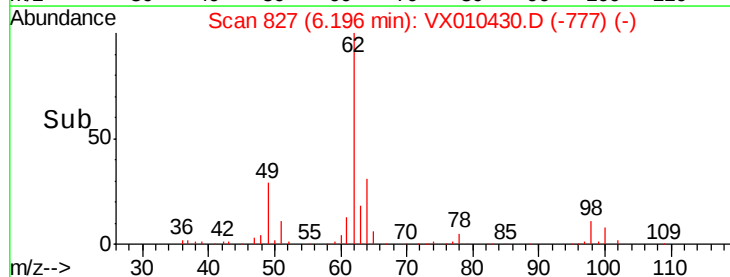
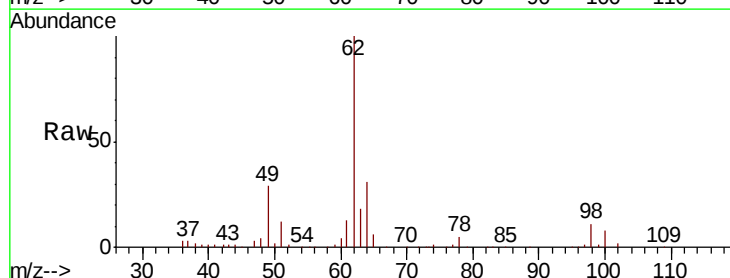
Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

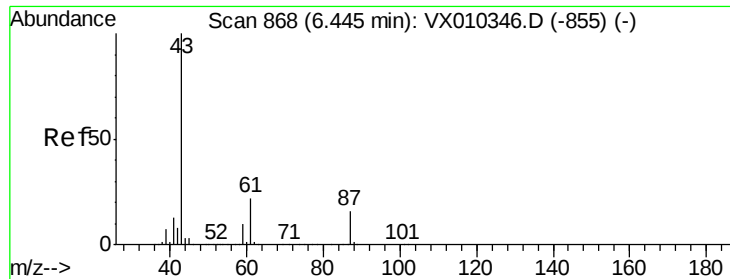
Tot Ion: 41 Resp: 34972
Ion Ratio Lower Upper
41 100
39 54.5 43.8 65.8
67 84.6 66.6 100.0
52 32.5 24.5 36.7



#42
1,2-Dichloroethane
Concen: 17.357 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion: 62 Resp: 61673
Ion Ratio Lower Upper
62 100
98 10.9 0.0 22.2



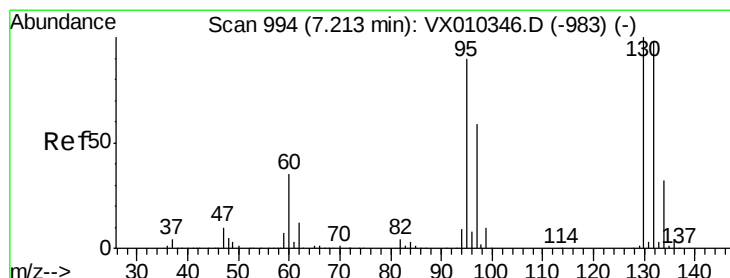
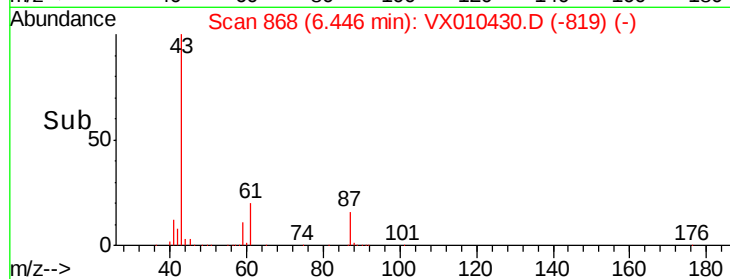
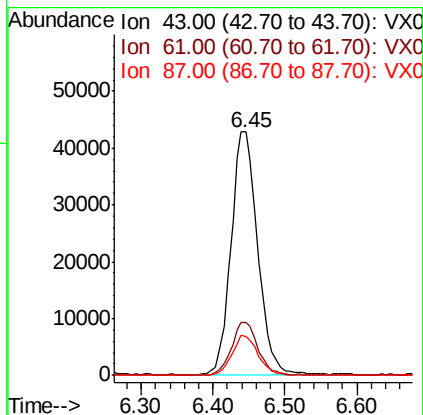
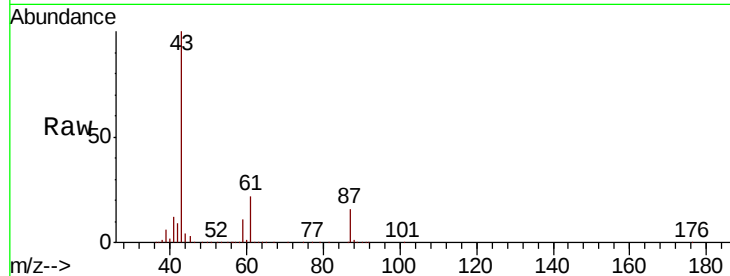


#43

Isopropyl Acetate
 Concen: 17.204 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD02

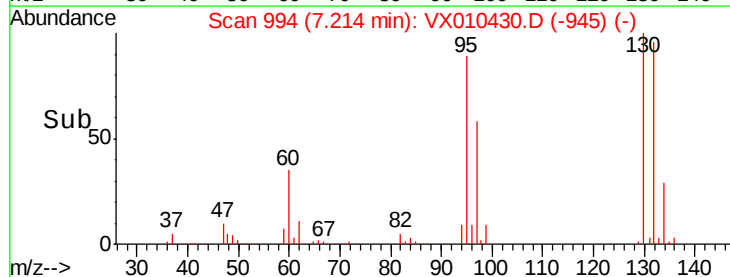
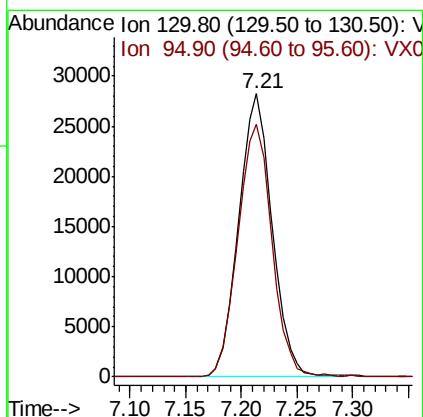
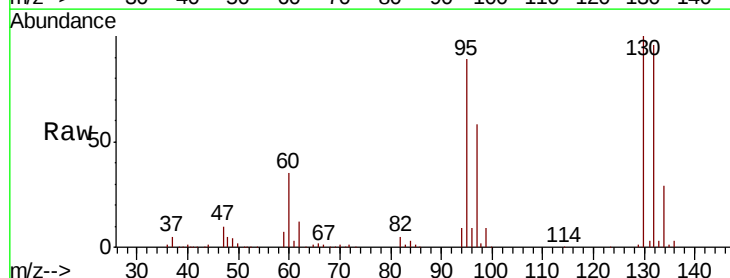
Tot Ion: 43 Resp: 109713
 Ion Ratio Lower Upper
 43 100
 61 21.6 17.8 26.6
 87 16.1 13.0 19.4

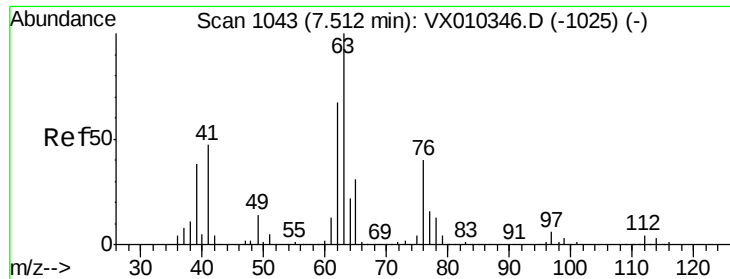


#44

Trichloroethene
 Concen: 16.877 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Tgt Ion: 130 Resp: 58949
 Ion Ratio Lower Upper
 130 100
 95 89.3 0.0 180.8





#45

1,2-Dichloropropane

Concen: 17.052 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

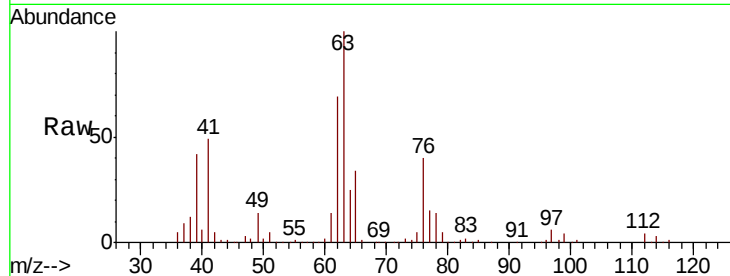
VX0625WBSD02

Tot Ion: 63 Resp: 50265

Ion Ratio Lower Upper

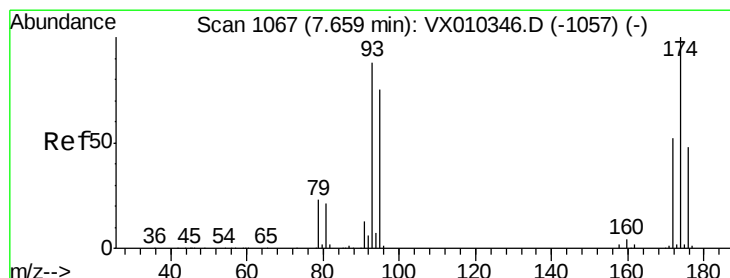
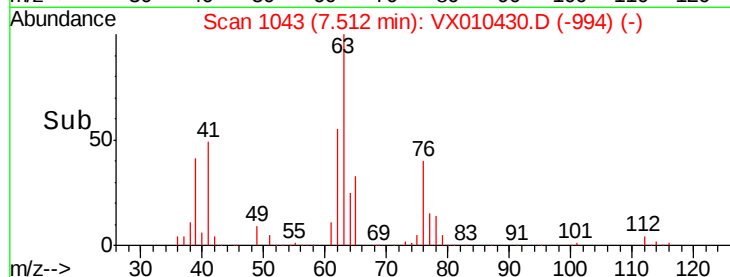
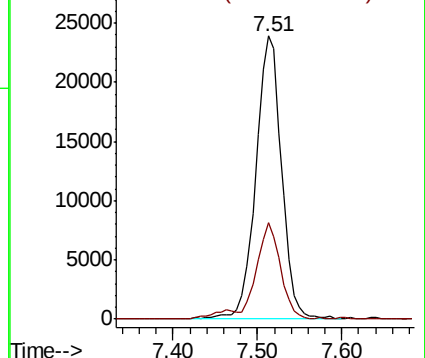
63 100

65 33.9 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 16.762 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

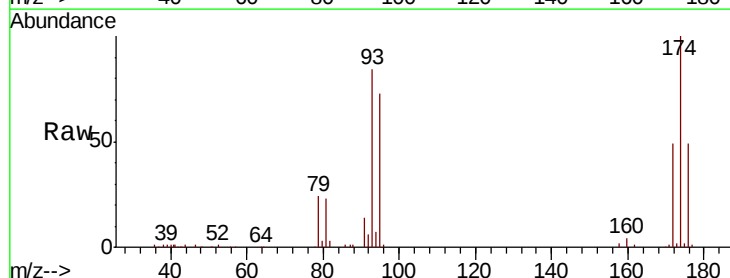
Tgt Ion: 93 Resp: 35450

Ion Ratio Lower Upper

93 100

95 84.0 67.5 101.3

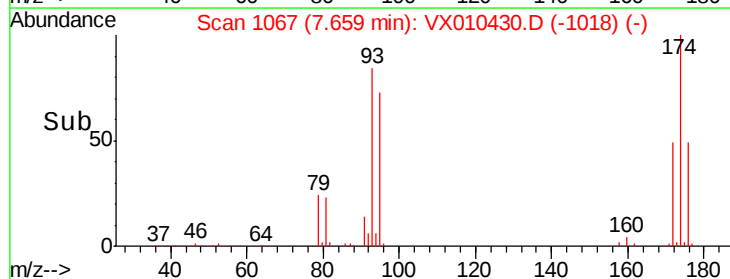
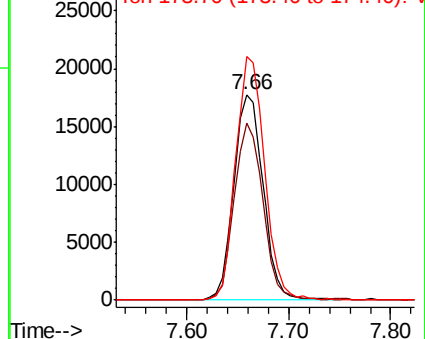
174 116.2 95.8 143.6

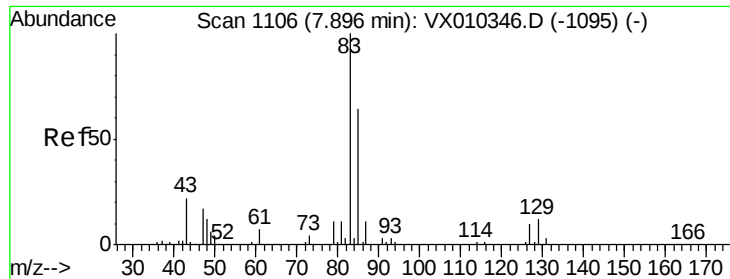


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 16.523 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

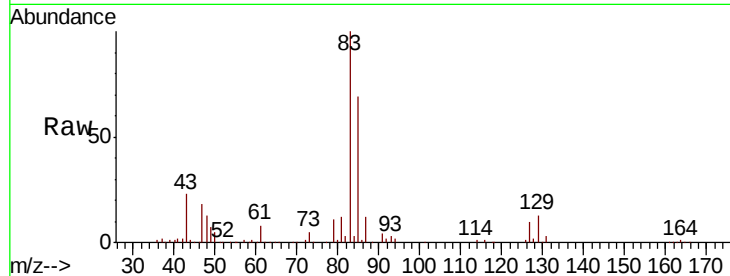
Tot Ion: 83 Resp: 64040

Ion Ratio Lower Upper

83 100

85 68.8 51.5 77.3

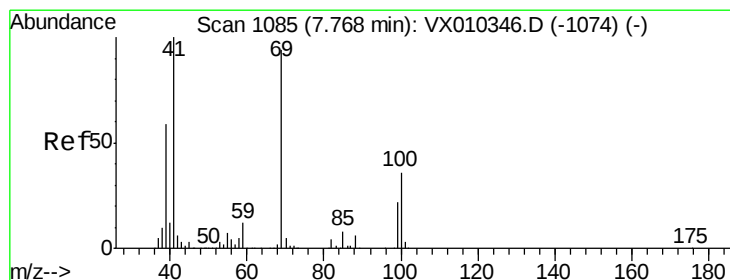
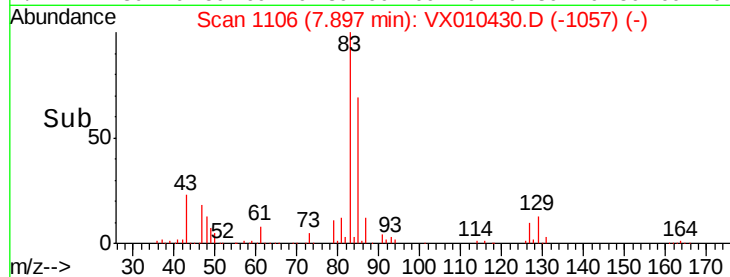
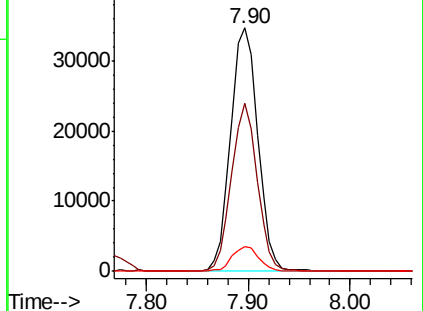
127 10.2 7.8 11.8



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: 16.651 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

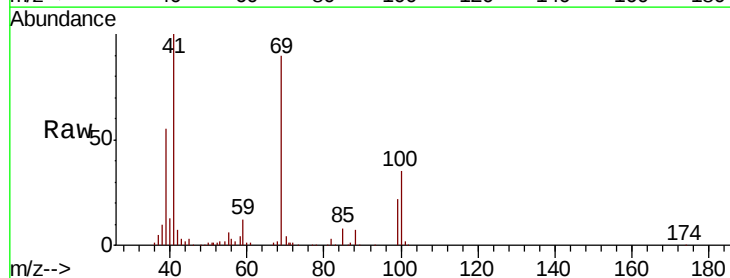
Tgt Ion: 41 Resp: 49356

Ion Ratio Lower Upper

41 100

69 96.9 76.1 114.1

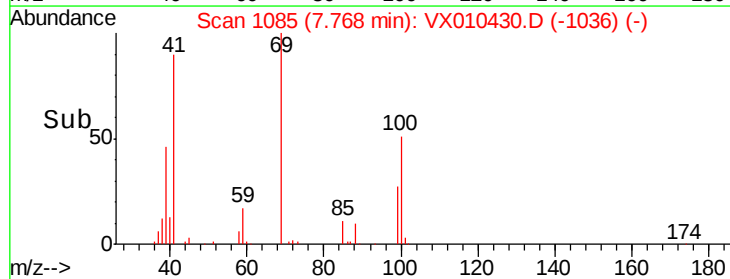
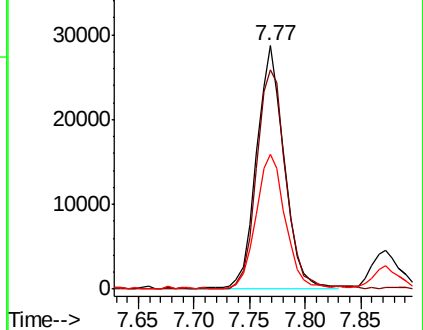
39 58.3 47.6 71.4

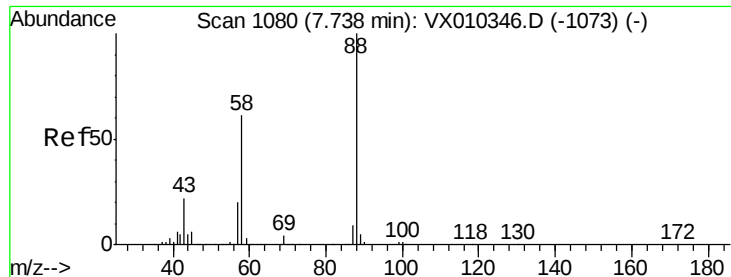


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 350.001 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

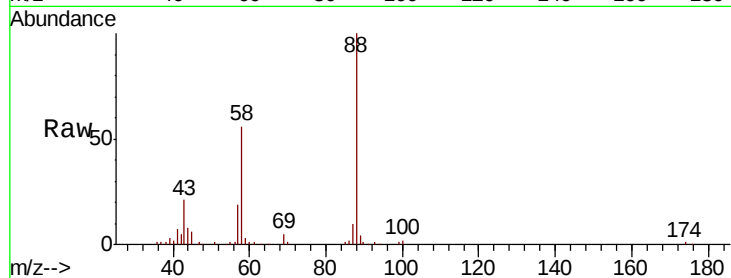
Tot Ion: 88 Resp: 29887

Ion Ratio Lower Upper

88 100

43 25.1 20.2 30.2

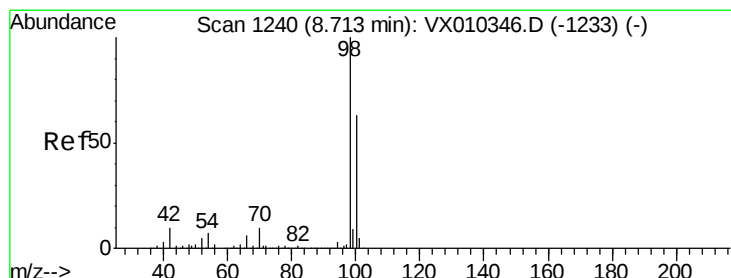
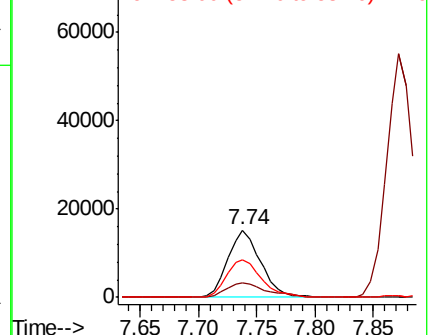
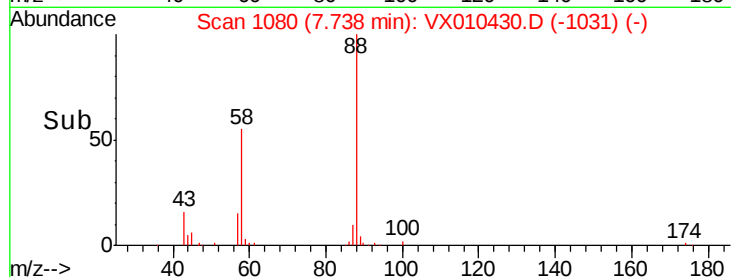
58 59.1 49.5 74.3



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: 45.445 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010430.D

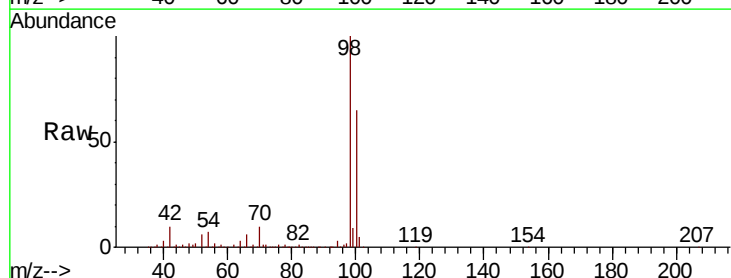
Acq: 25 Jun 2019 11:48

Tgt Ion: 98 Resp: 501556

Ion Ratio Lower Upper

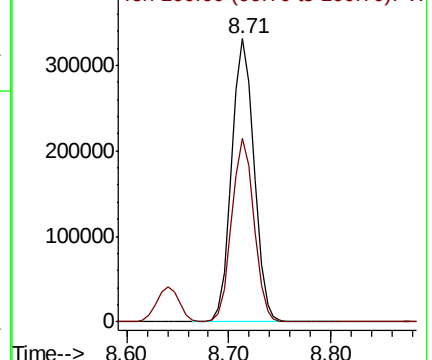
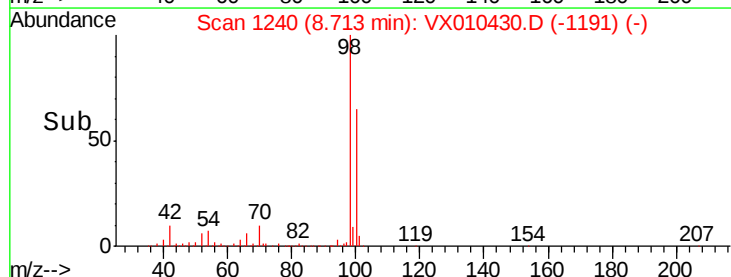
98 100

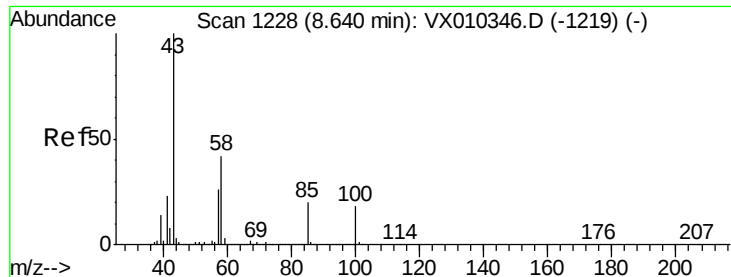
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

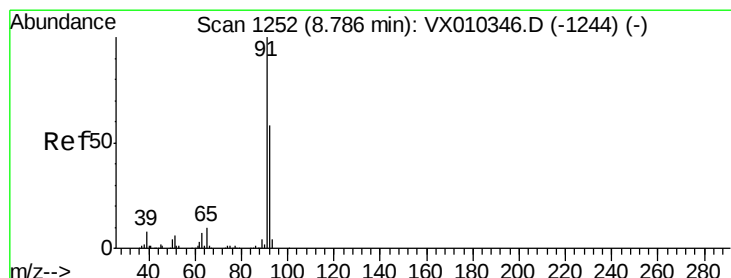
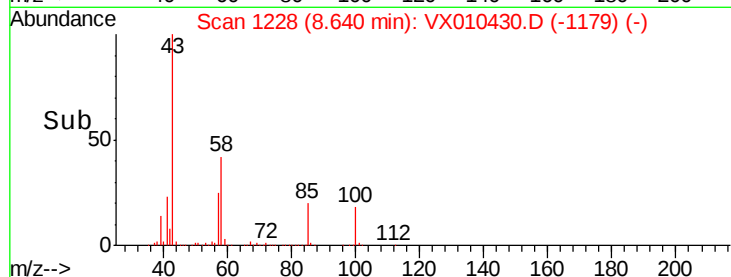
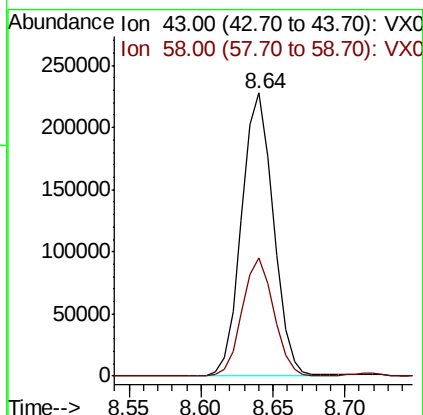
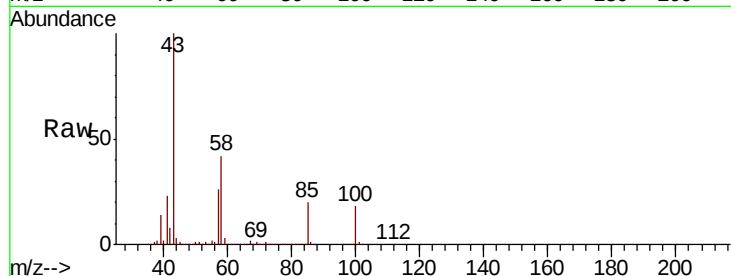




#51
4-Methyl-2-Pentanone
Concen: 85.684 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

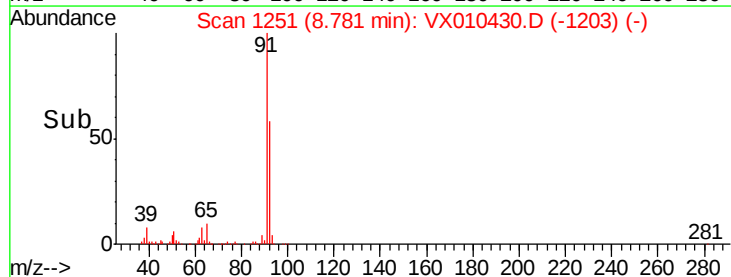
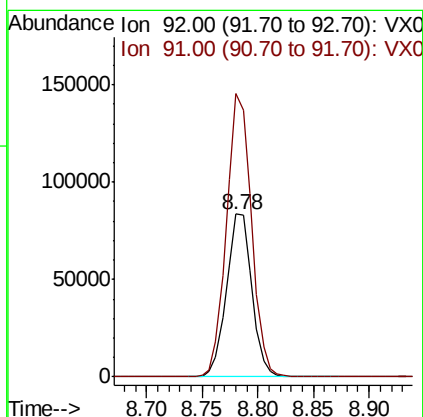
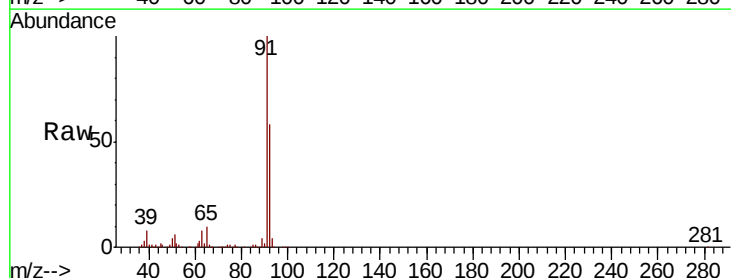
Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

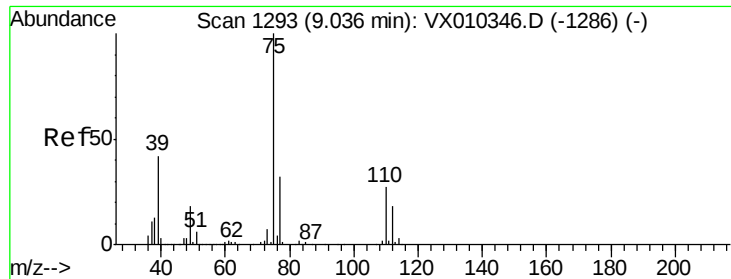
Tot Ion: 43 Resp: 349469
Ion Ratio Lower Upper
43 100
58 41.6 33.5 50.3



#52
Toluene
Concen: 17.168 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion: 92 Resp: 131969
Ion Ratio Lower Upper
92 100
91 171.4 139.8 209.6

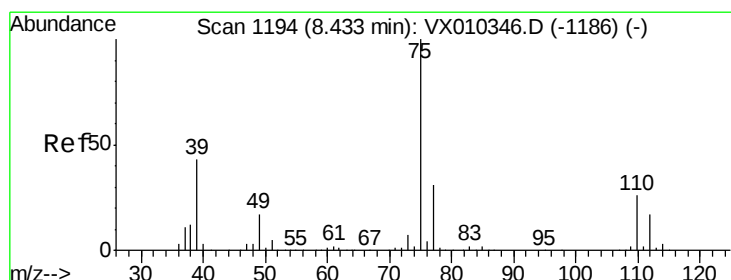
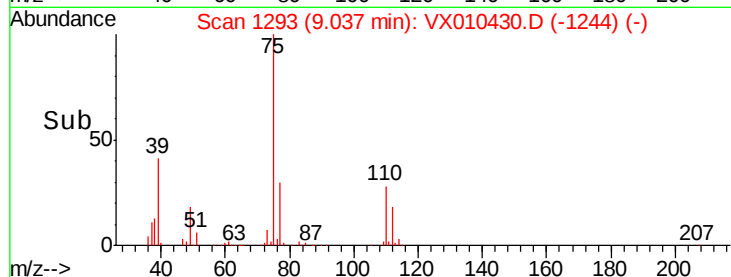
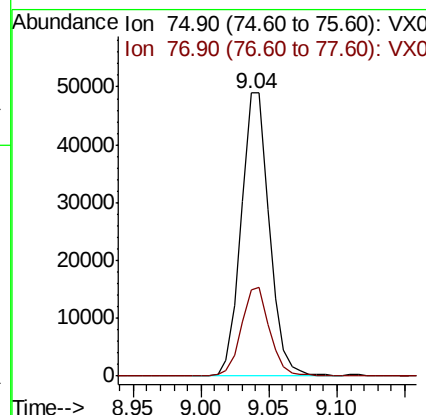
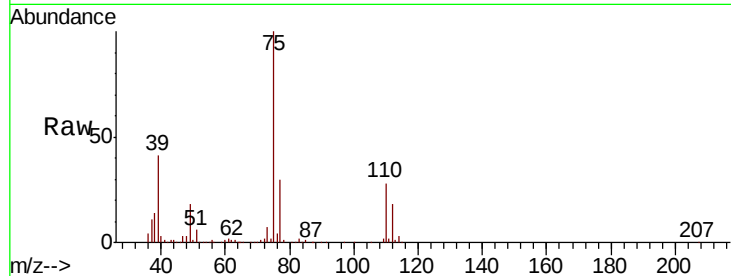




#53
t-1,3-Dichloropropene
Concen: 16.357 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

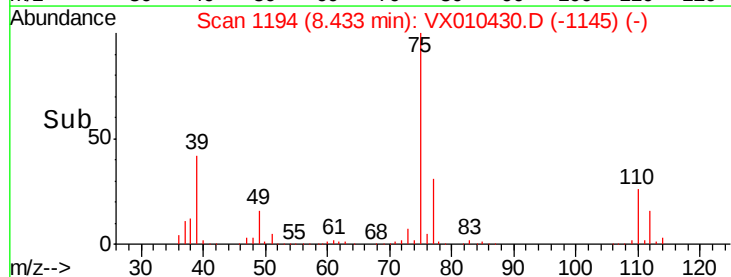
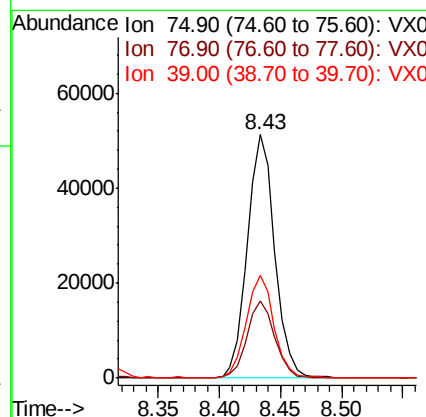
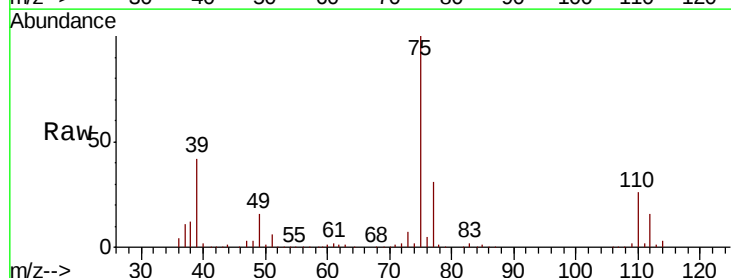
Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

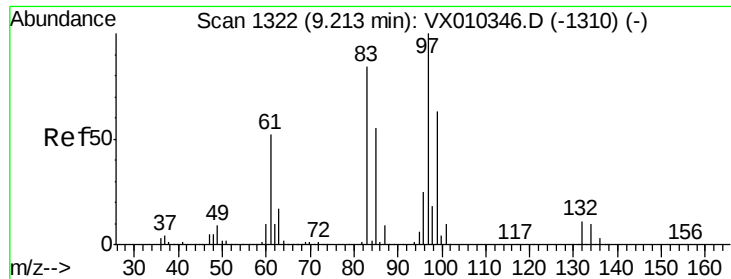
Tot Ion: 75 Resp: 71077
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 16.931 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion: 75 Resp: 79951
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8
39 41.9 34.5 51.7

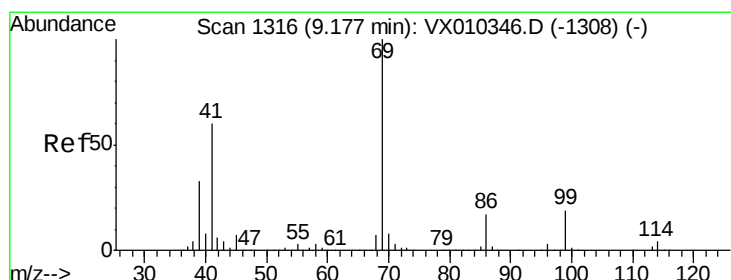
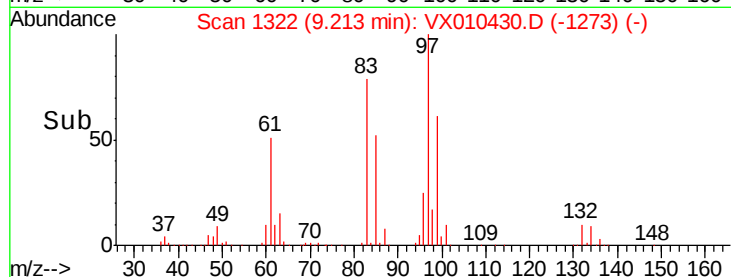
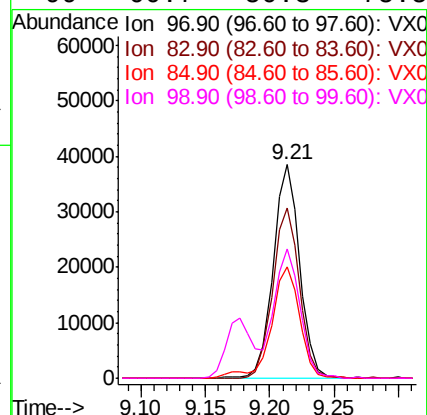
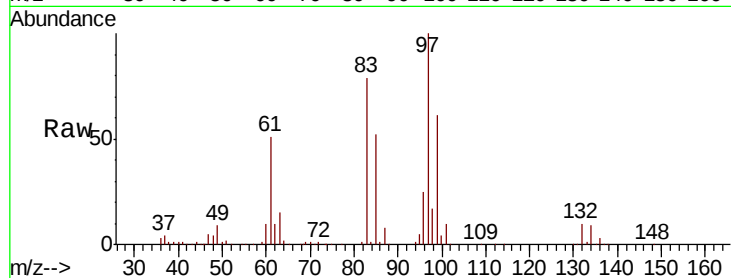




#55
 1,1,2-Trichloroethane
 Concen: 17.463 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

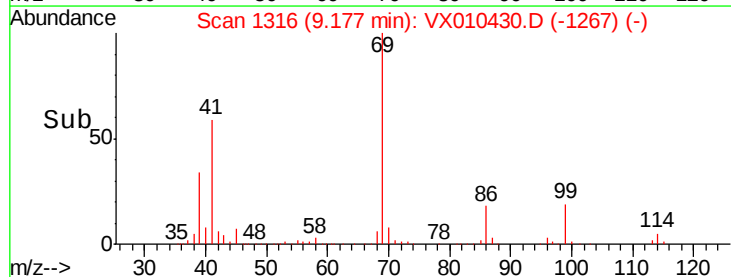
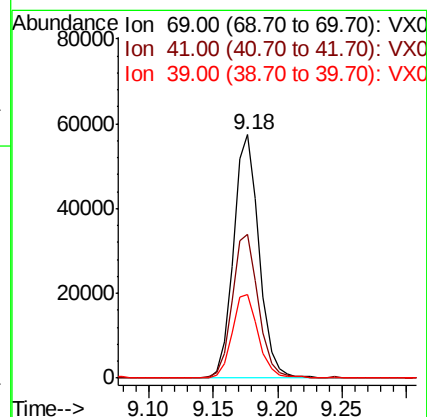
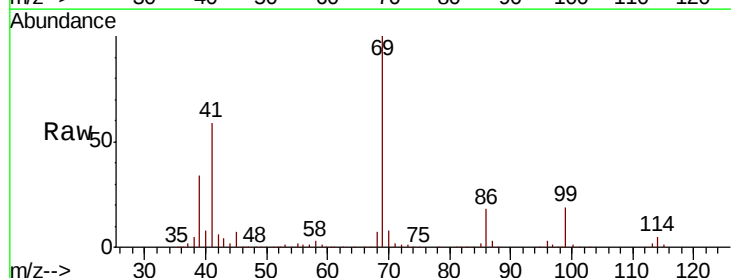
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD02

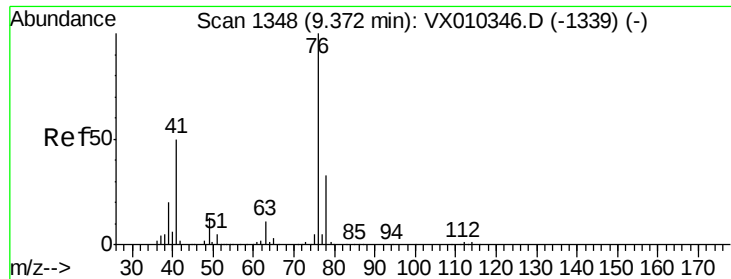
Tot Ion: 97 Resp: 55364
 Ion Ratio Lower Upper
 97 100
 83 79.4 67.4 101.0
 85 52.1 43.8 65.8
 99 60.7 50.3 75.5



#56
 Ethyl methacrylate
 Concen: 16.659 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Tgt Ion: 69 Resp: 80004
 Ion Ratio Lower Upper
 69 100
 41 59.7 47.1 70.7
 39 34.9 26.6 40.0





#57

1,3-Dichloropropane

Concen: 17.033 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

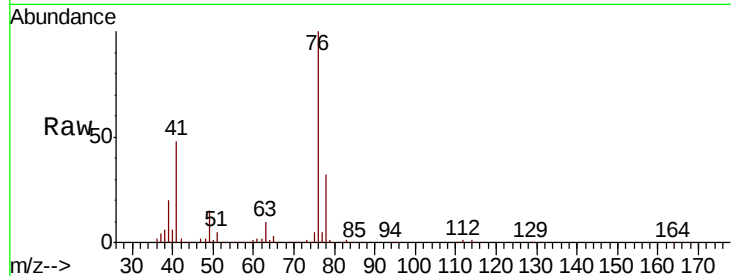
VX0625WBSD02

Tot Ion: 76 Resp: 83825

Ion Ratio Lower Upper

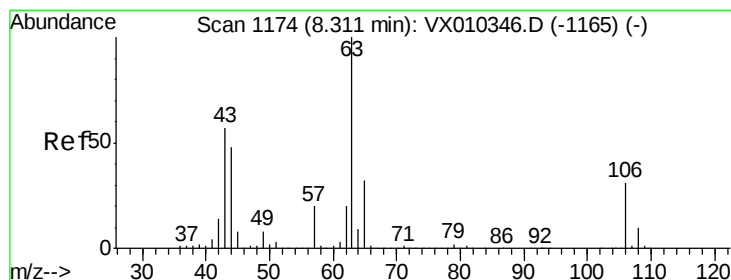
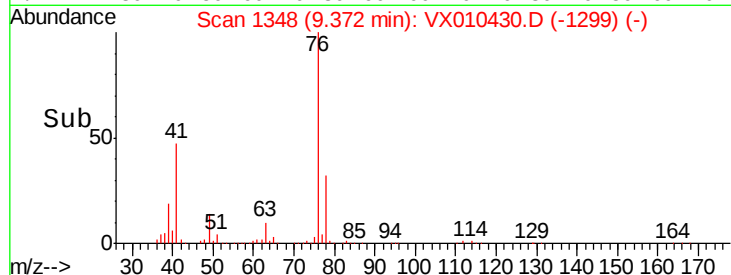
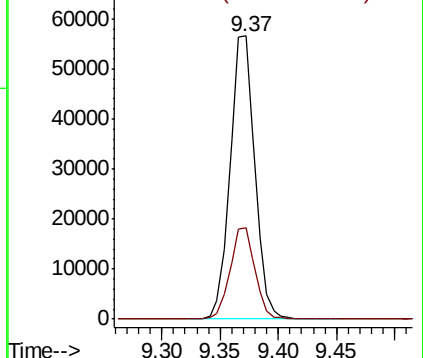
76 100

78 32.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 88.942 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010430.D

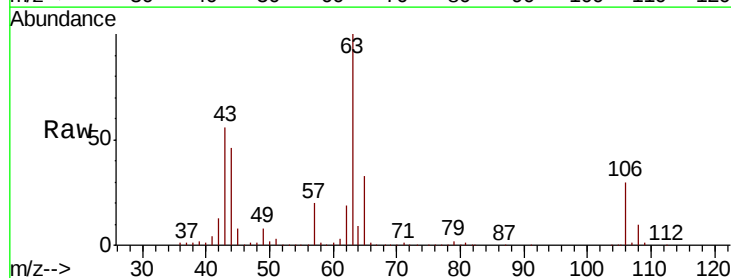
Acq: 25 Jun 2019 11:48

Tgt Ion: 63 Resp: 202865

Ion Ratio Lower Upper

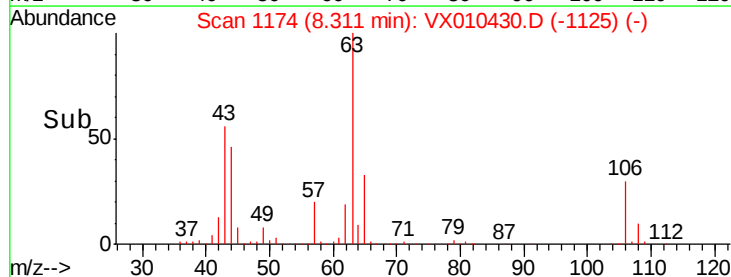
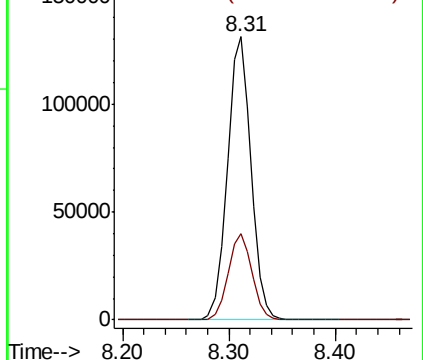
63 100

106 30.9 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

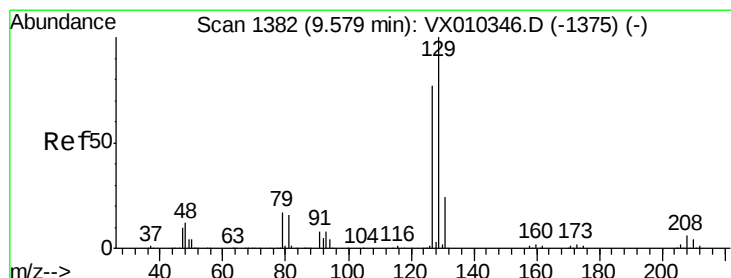
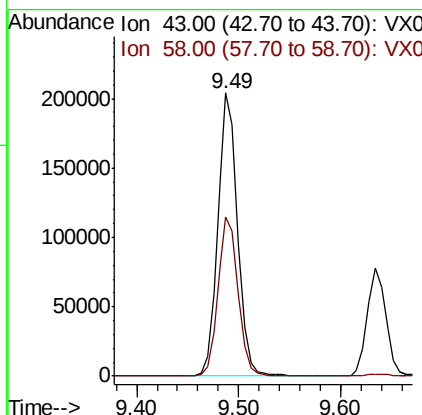
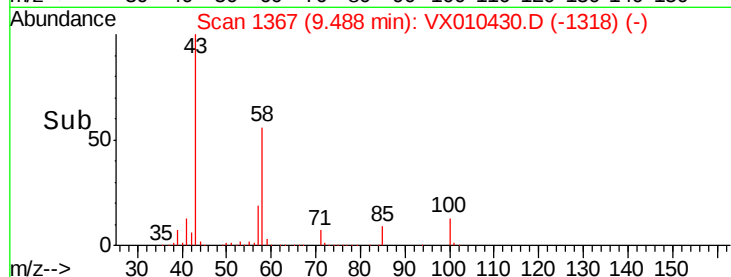
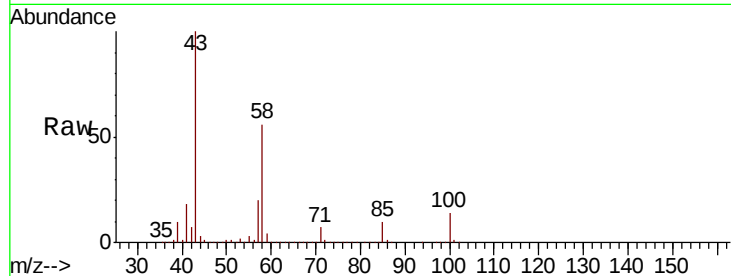




#59
2-Hexanone
Concen: 85.993 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

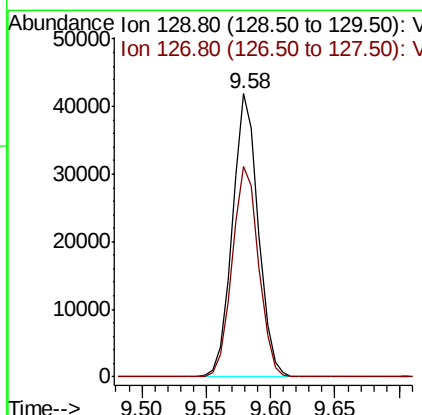
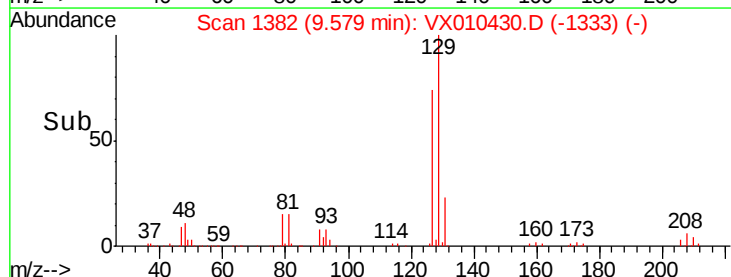
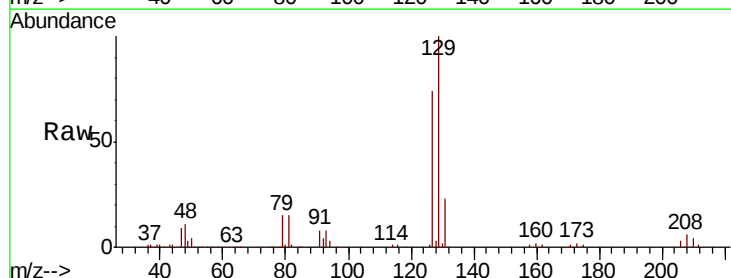
Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Tot Ion: 43 Resp: 276037
Ion Ratio Lower Upper
43 100
58 57.6 29.0 87.1



#60
Dibromochloromethane
Concen: 16.541 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion: 129 Resp: 58714
Ion Ratio Lower Upper
129 100
127 75.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 17.076 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

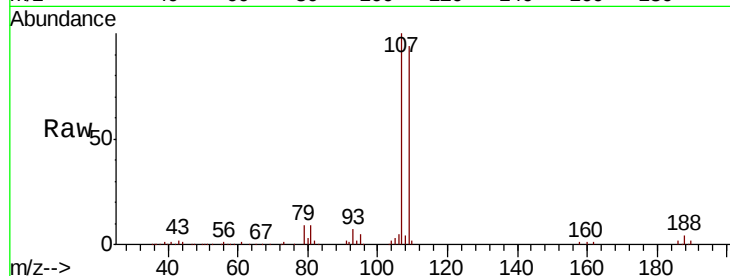
VX0625WBSD02

Tot Ion:107 Resp: 58434

Ion Ratio Lower Upper

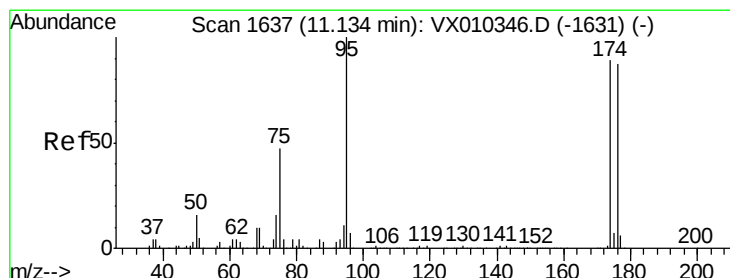
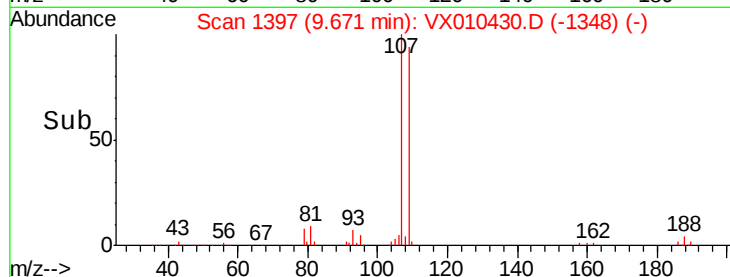
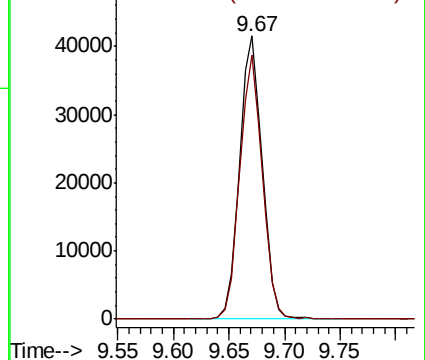
107 100

109 93.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.307 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

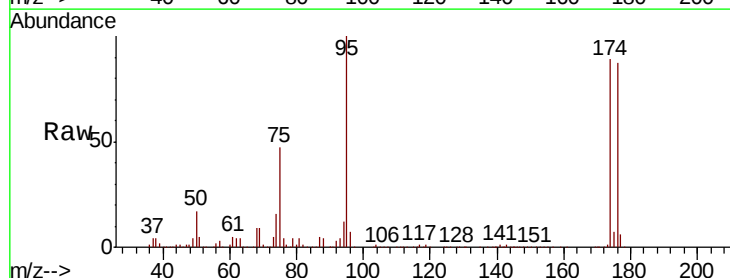
Tgt Ion: 95 Resp: 180527

Ion Ratio Lower Upper

95 100

174 93.6 0.0 187.6

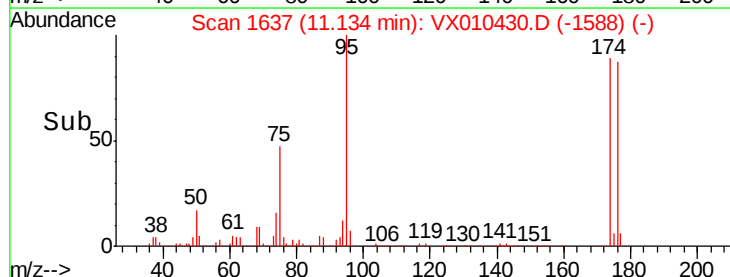
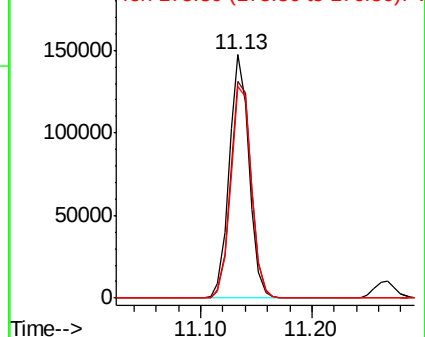
176 91.2 0.0 184.0

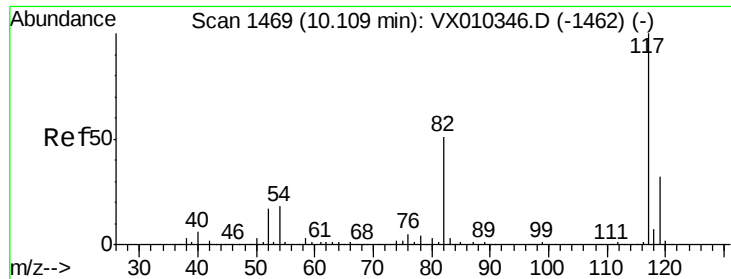


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

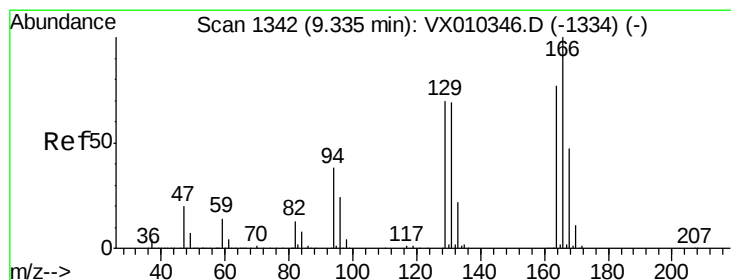
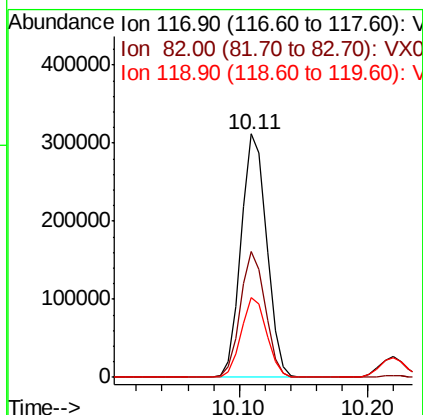
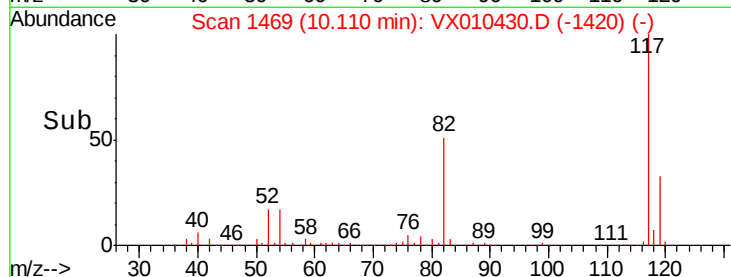
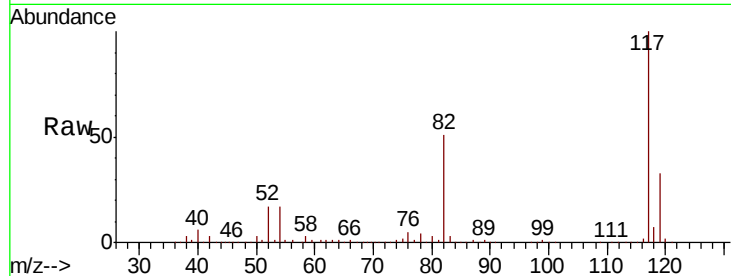




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

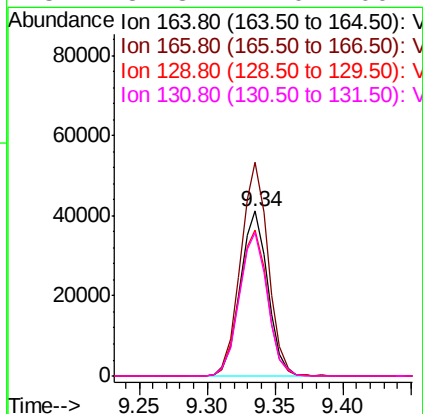
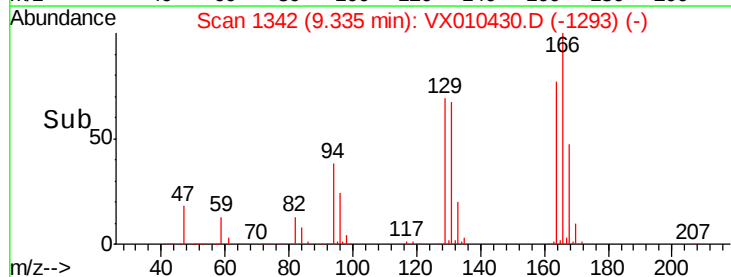
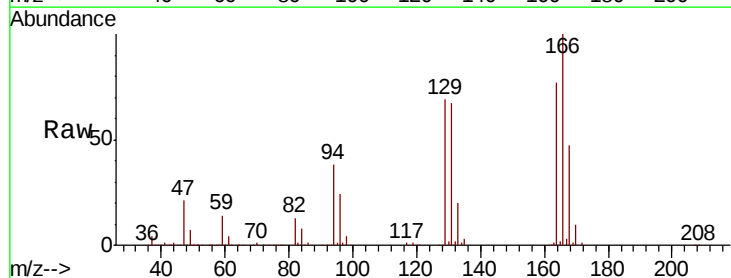
Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

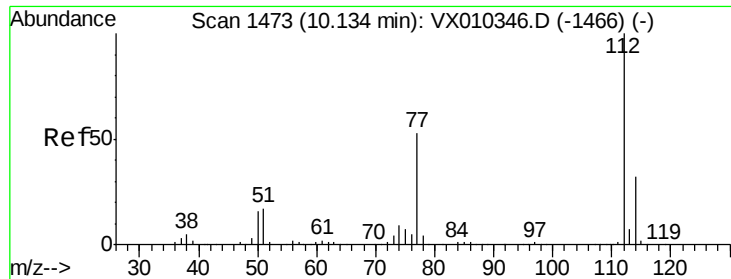
Tot Ion:117 Resp: 428902
Ion Ratio Lower Upper
117 100
82 51.4 41.2 61.8
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 16.745 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion:164 Resp: 58088
Ion Ratio Lower Upper
164 100
166 129.8 103.6 155.4
129 89.0 73.0 109.4
131 87.3 71.0 106.4

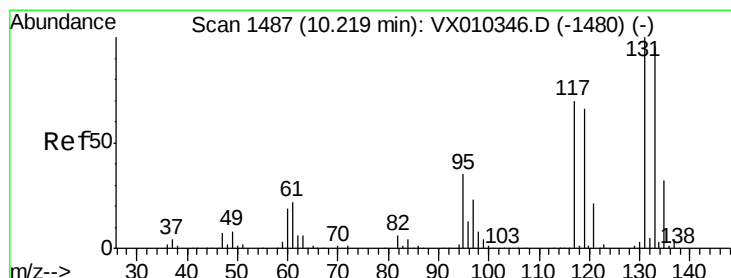
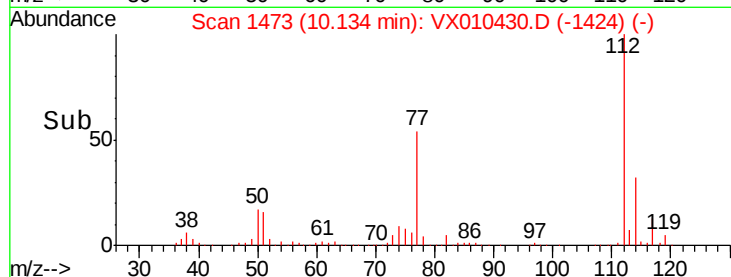
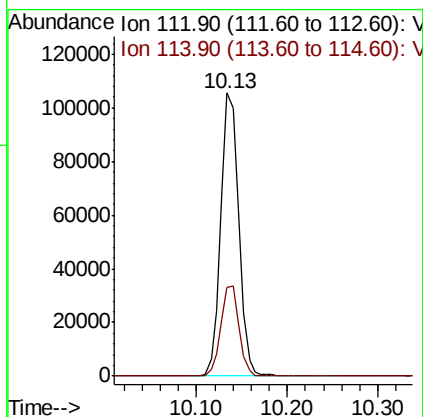
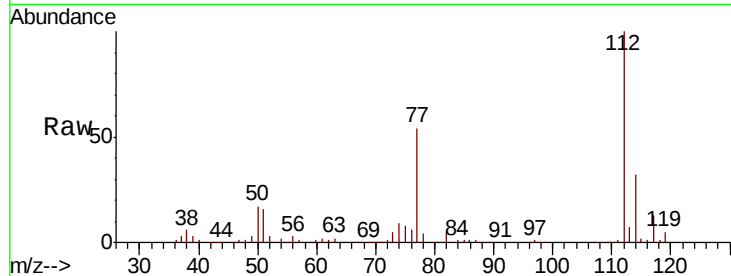




#65
Chlorobenzene
Concen: 16.867 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

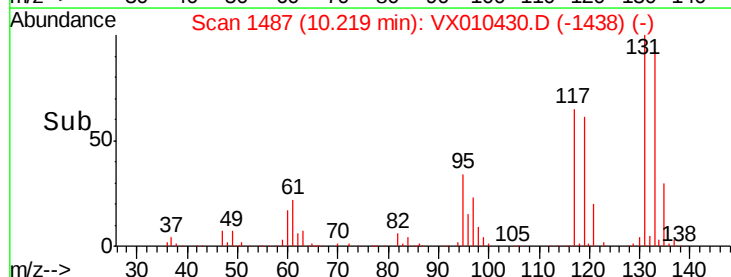
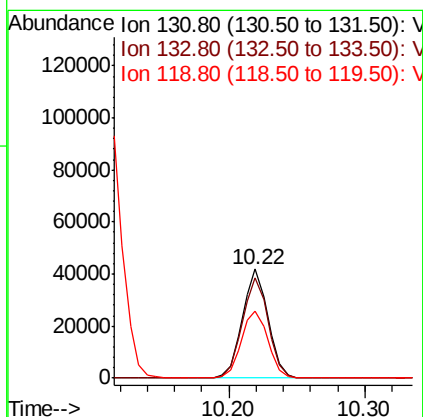
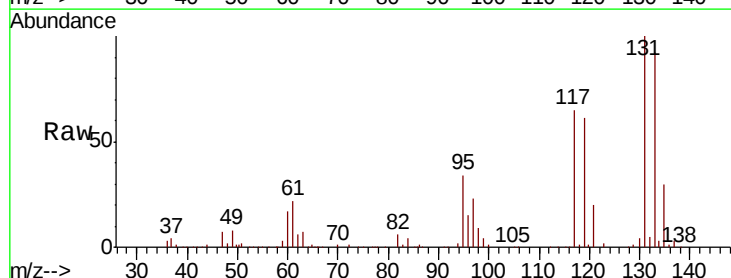
Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

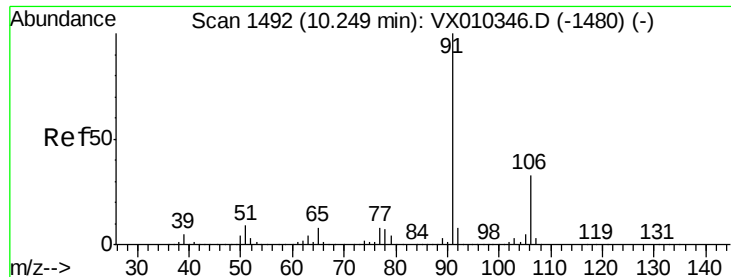
Tot Ion:112 Resp: 146873
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 17.318 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion:131 Resp: 54929
Ion Ratio Lower Upper
131 100
133 93.8 47.7 143.1
119 64.0 32.6 97.7

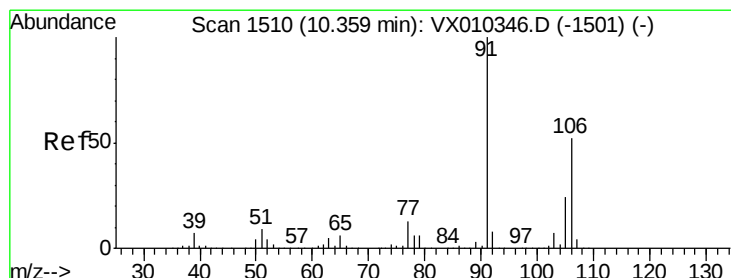
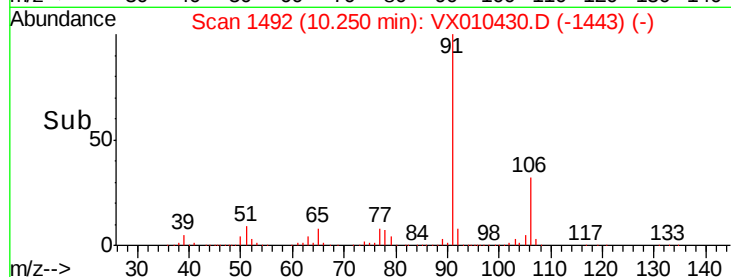
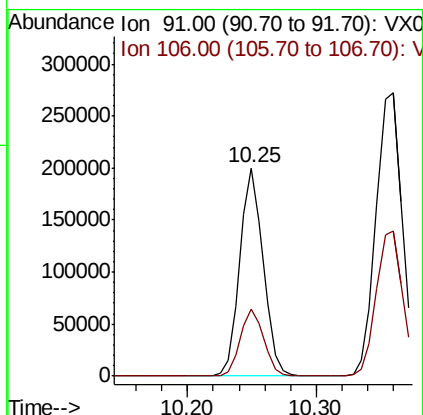
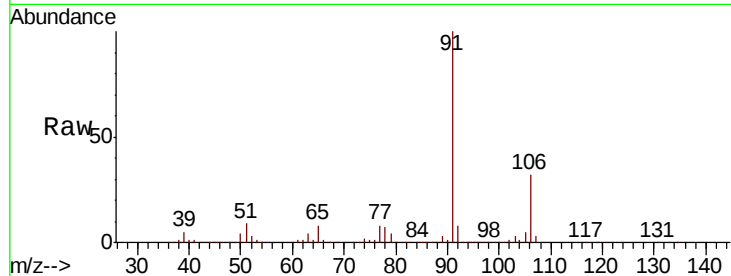




#67
Ethyl Benzene
Concen: 17.132 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

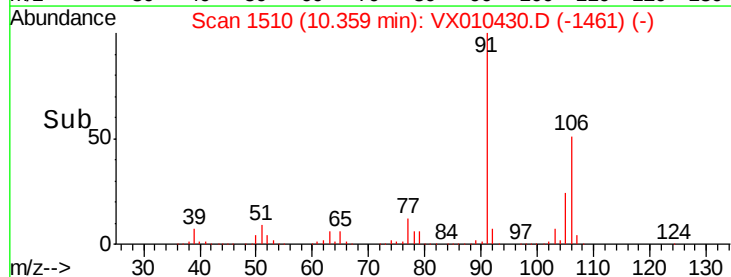
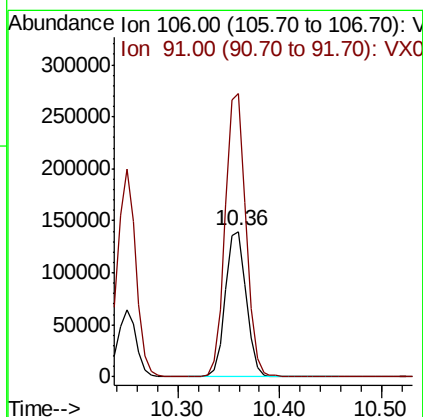
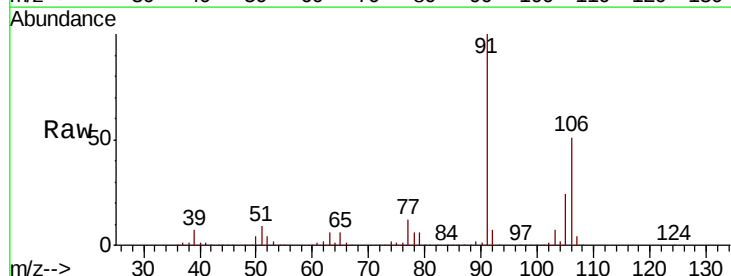
Instrument :
MSVOA_X
ClientSampleID :
VX0625WBSD02

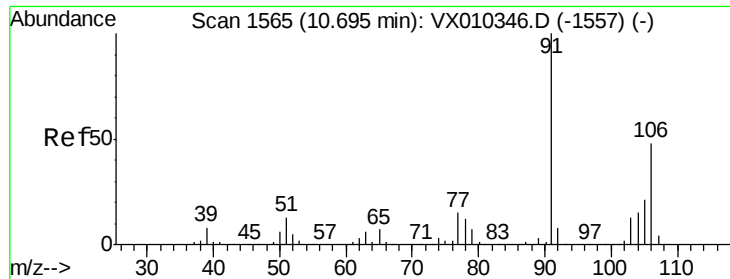
Tot Ion: 91 Resp: 251842
Ion Ratio Lower Upper
91 100
106 32.4 26.2 39.2



#68
m/p-Xylenes
Concen: 34.596 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion: 106 Resp: 197057
Ion Ratio Lower Upper
106 100
91 193.7 155.3 232.9

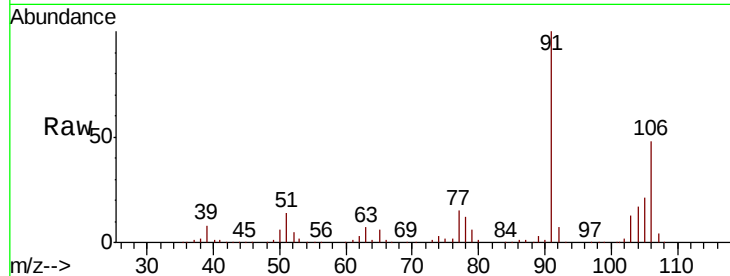




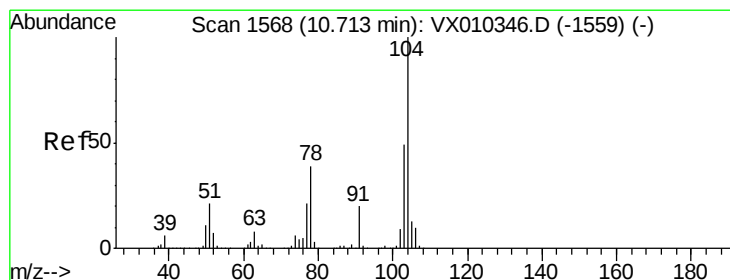
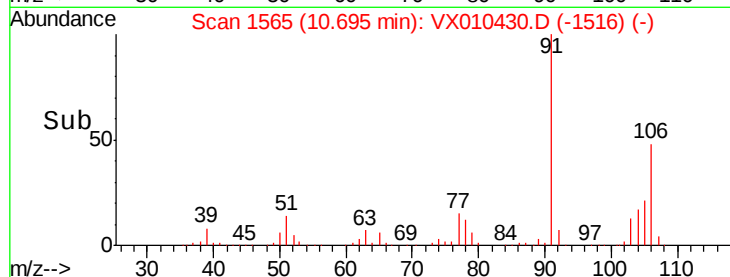
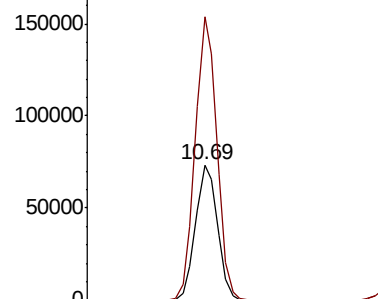
#69
o-Xylene
Concen: 17.044 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Tot Ion:106 Resp: 95474
Ion Ratio Lower Upper
106 100
91 206.3 102.7 308.1

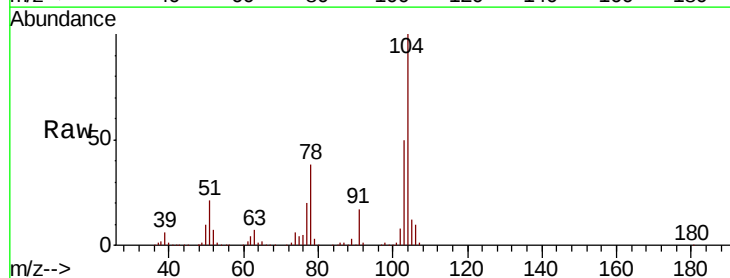


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

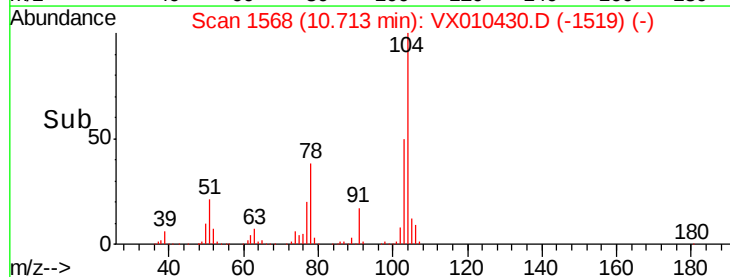
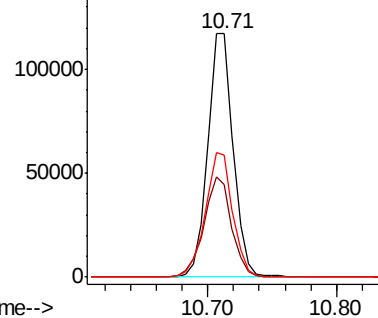


#70
Styrene
Concen: 17.168 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion:104 Resp: 161274
Ion Ratio Lower Upper
104 100
78 45.2 36.2 54.2
103 55.2 44.2 66.4



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





#71

Bromoform

Concen: 16.043 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

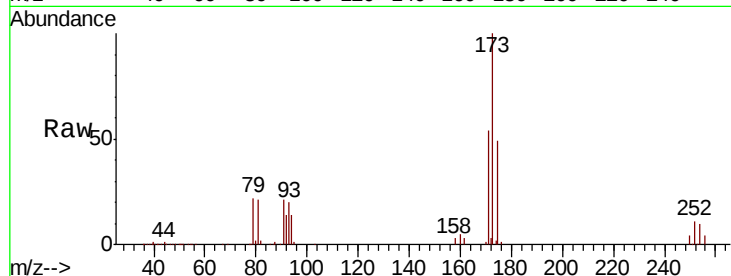
Tot Ion:173 Resp: 44249

Ion Ratio Lower Upper

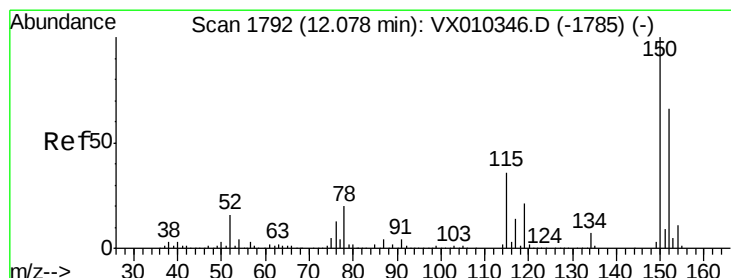
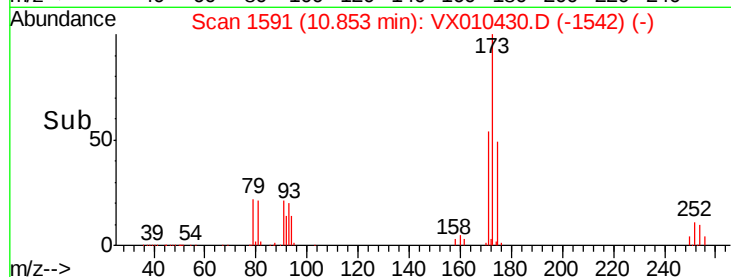
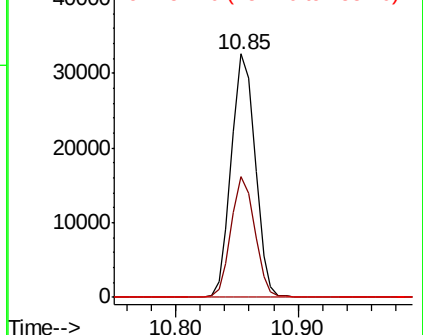
173 100

175 48.8 24.1 72.3

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: VX010430.D

Acq: 25 Jun 2019 11:48

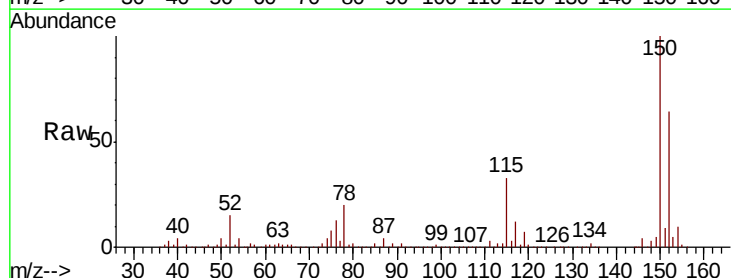
Tgt Ion:152 Resp: 220174

Ion Ratio Lower Upper

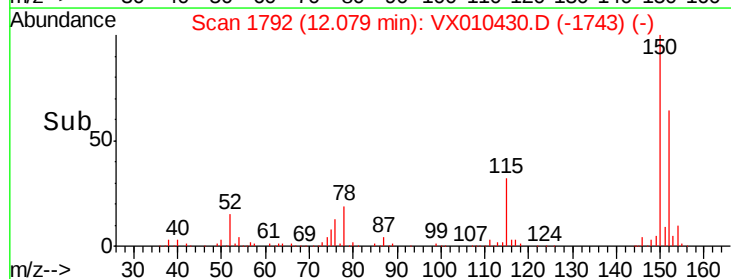
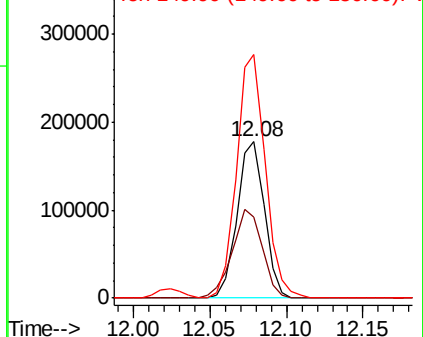
152 100

115 62.3 38.6 115.7

150 163.1 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.106 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

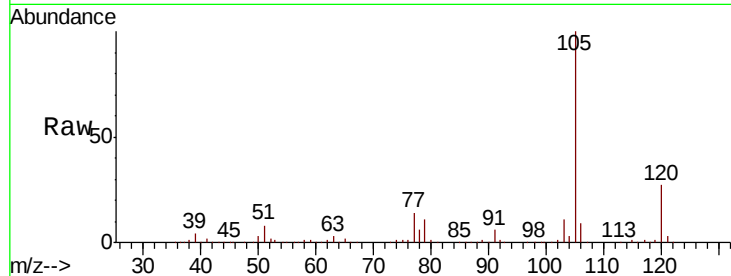
VX0625WBSD02

Tot Ion:105 Resp: 255313

Ion Ratio Lower Upper

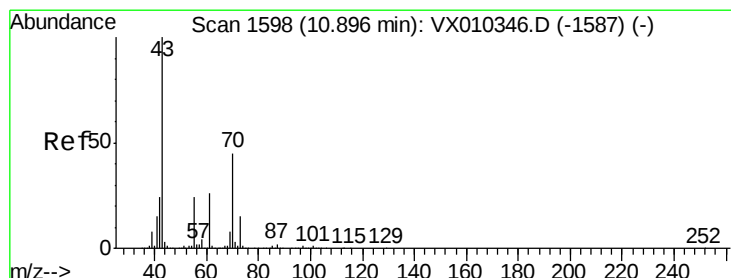
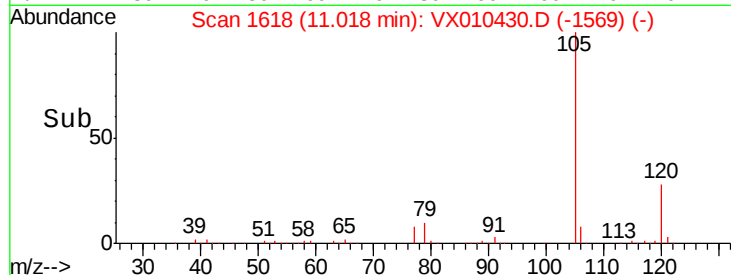
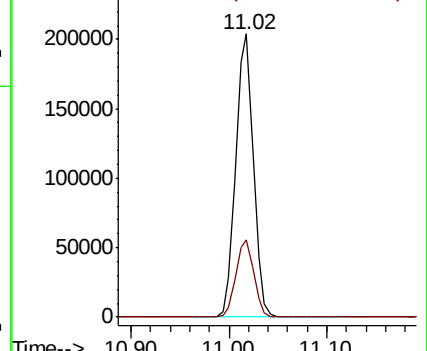
105 100

120 27.8 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.878 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Tgt Ion: 43 Resp: 95203

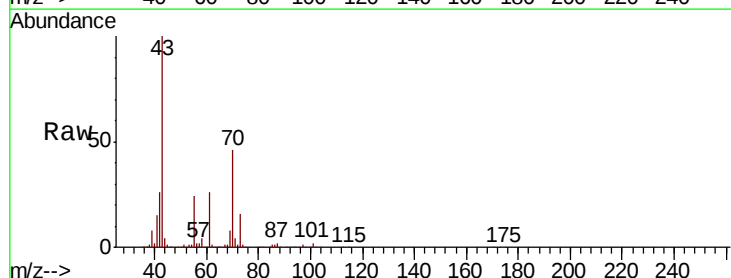
Ion Ratio Lower Upper

43 100

70 46.8 36.6 54.8

55 24.3 18.7 28.1

61 26.9 20.6 31.0

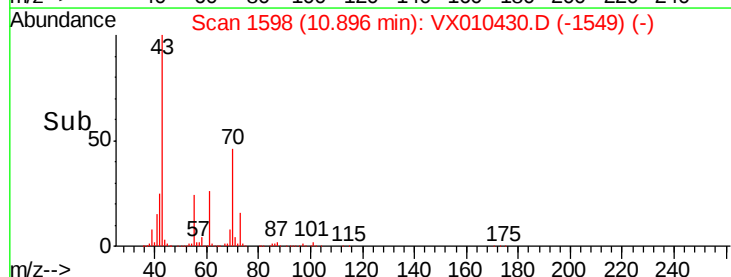
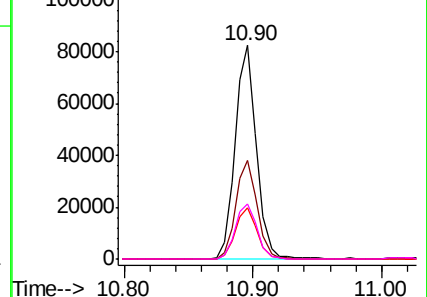


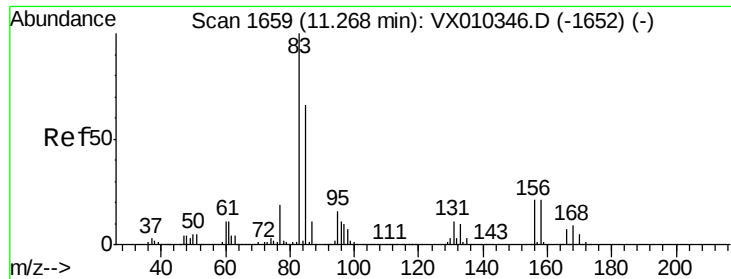
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.777 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

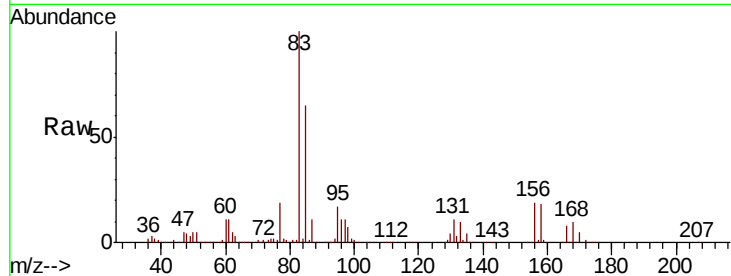
Tot Ion: 83 Resp: 82923

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

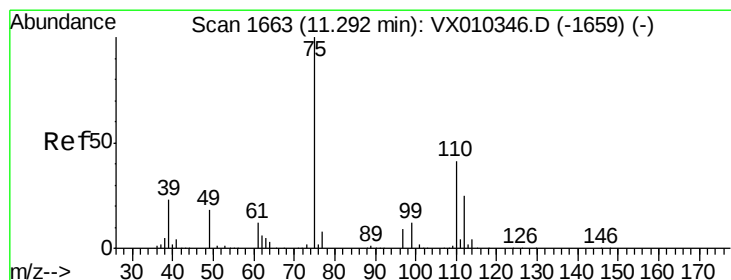
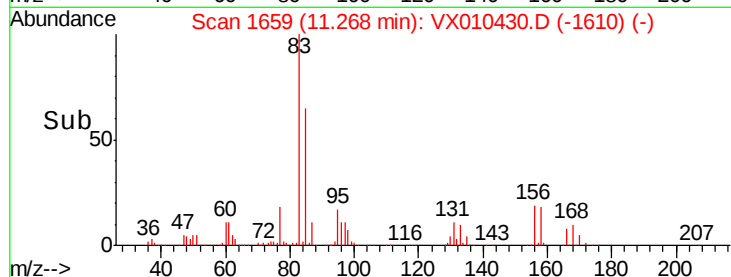
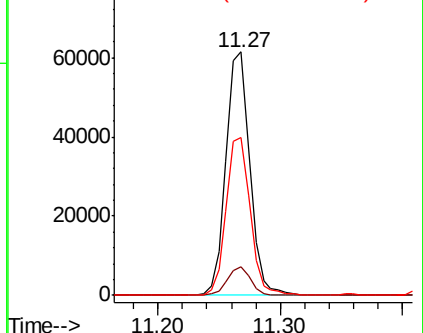
85 65.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.548 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010430.D

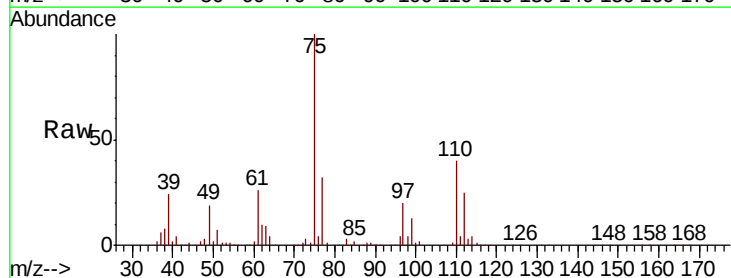
Acq: 25 Jun 2019 11:48

Tgt Ion: 75 Resp: 90464

Ion Ratio Lower Upper

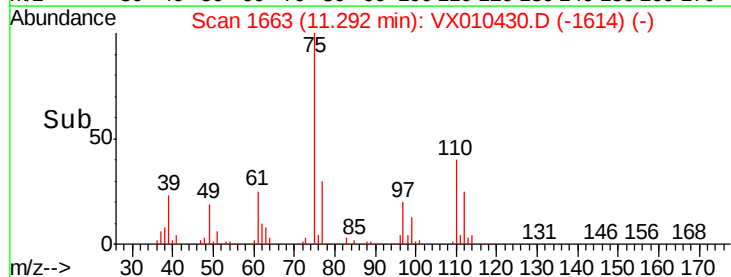
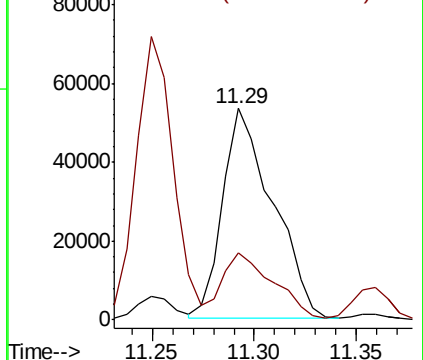
75 100

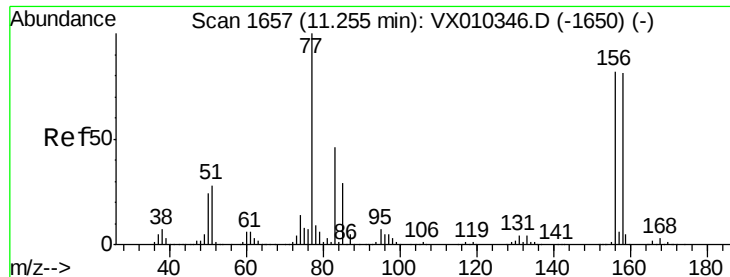
77 33.1 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

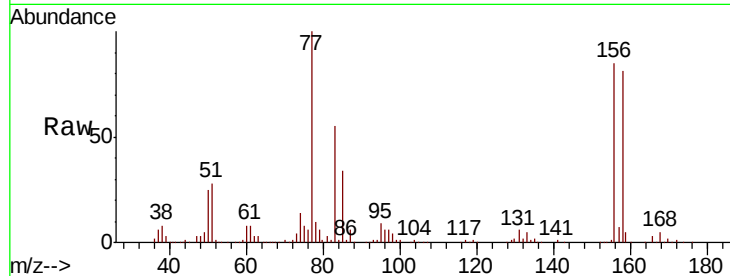




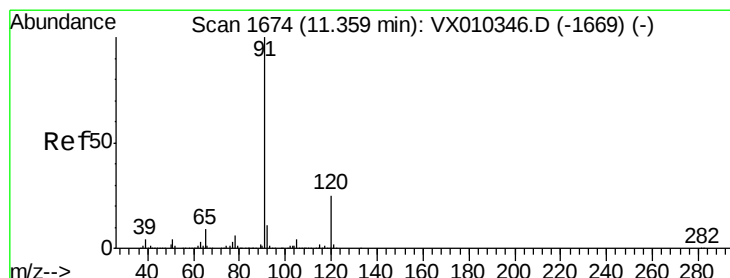
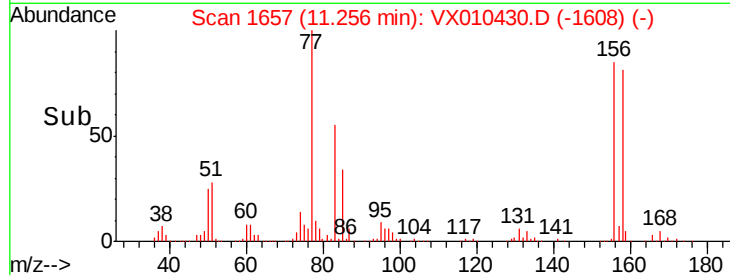
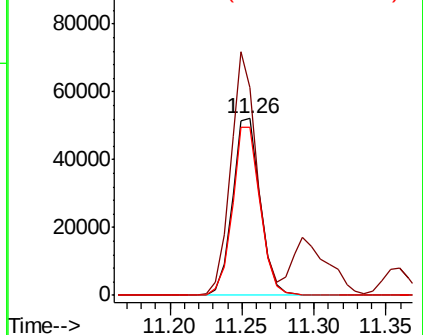
#77
Bromobenzene
Concen: 16.747 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Tot Ion:156 Resp: 69792
Ion Ratio Lower Upper
156 100
77 130.5 66.3 198.7
158 95.3 48.9 146.7

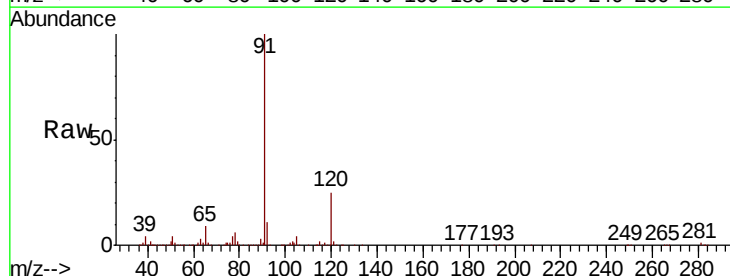


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

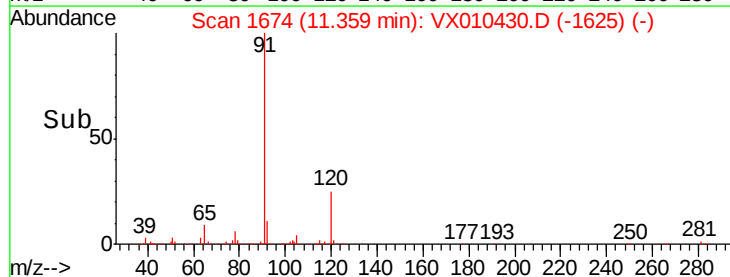
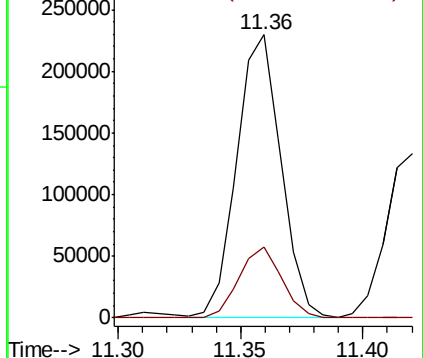


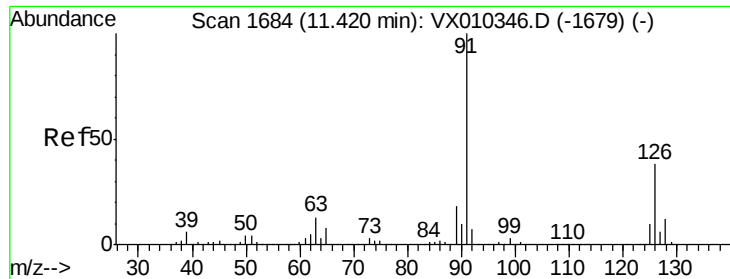
#78
n-propylbenzene
Concen: 17.420 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion: 91 Resp: 285753
Ion Ratio Lower Upper
91 100
120 24.6 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V

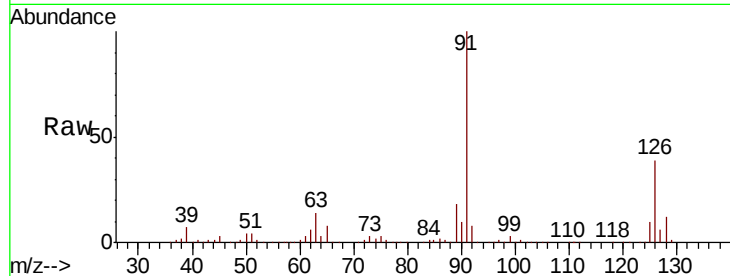




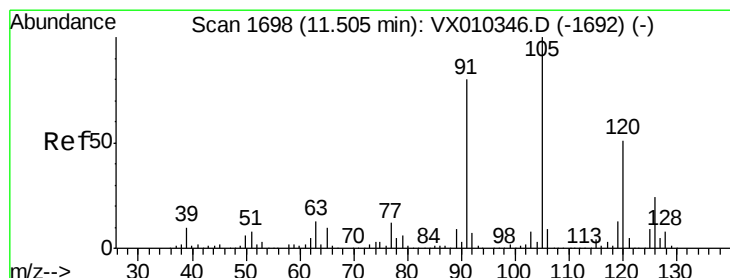
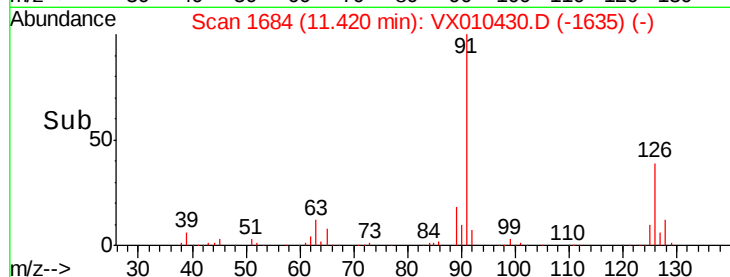
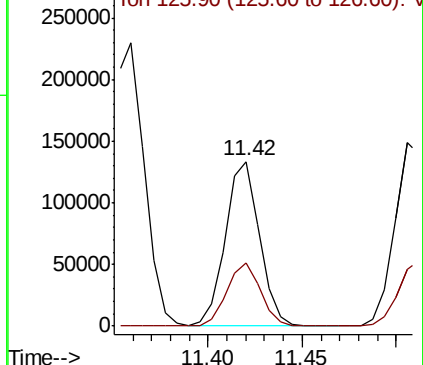
#79
 2-Chlorotoluene
 Concen: 16.949 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD02

Tot Ion: 91 Resp: 165557
 Ion Ratio Lower Upper
 91 100
 126 38.3 18.7 56.1

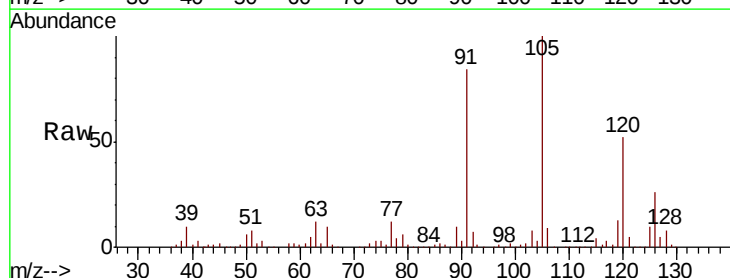


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

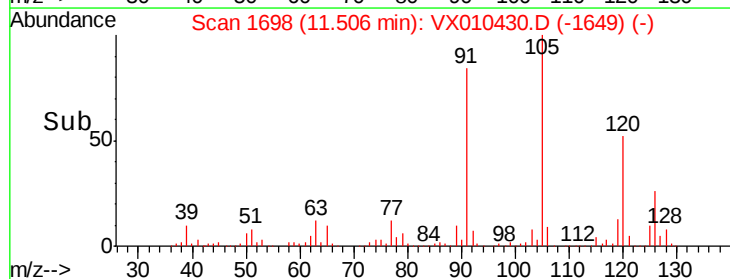
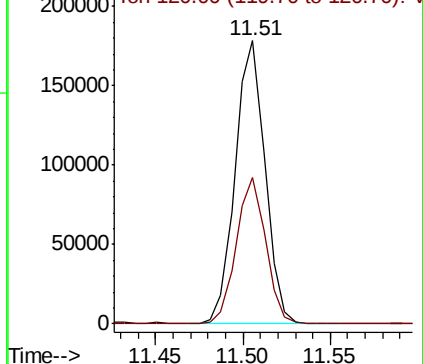


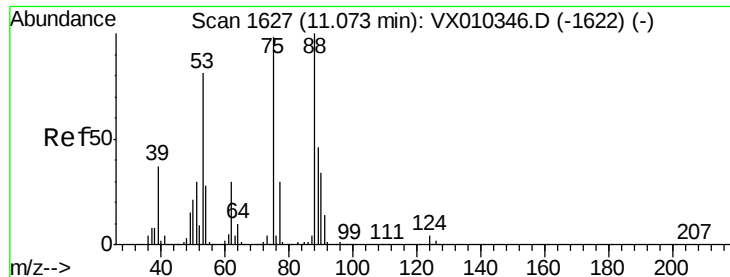
#80
 1,3,5-Trimethylbenzene
 Concen: 17.150 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Tgt Ion:105 Resp: 211009
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 15.339 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

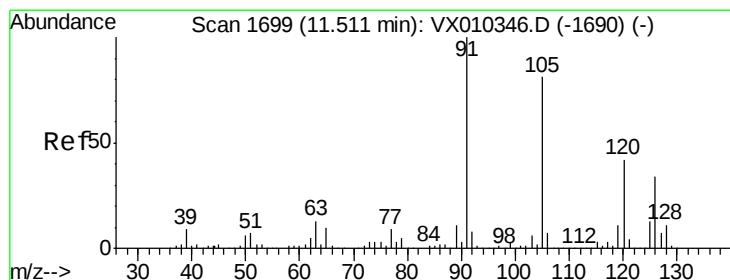
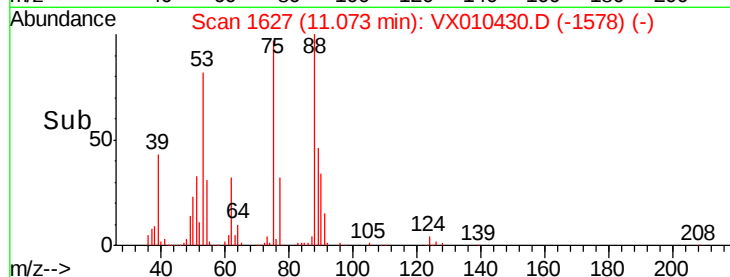
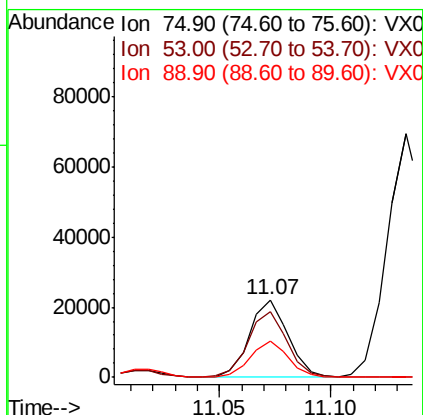
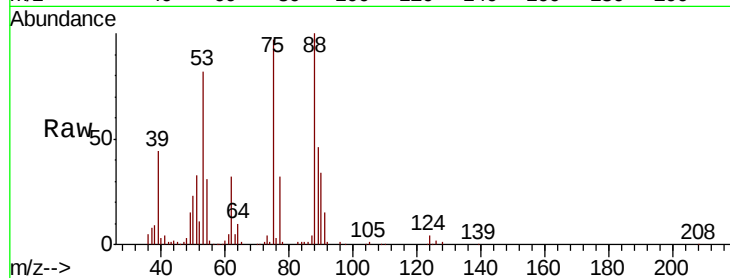
Tot Ion: 75 Resp: 26381

Ion Ratio Lower Upper

75 100

53 88.2 66.1 99.1

89 47.4 37.8 56.6



#82

4-Chlorotoluene

Concen: 17.253 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010430.D

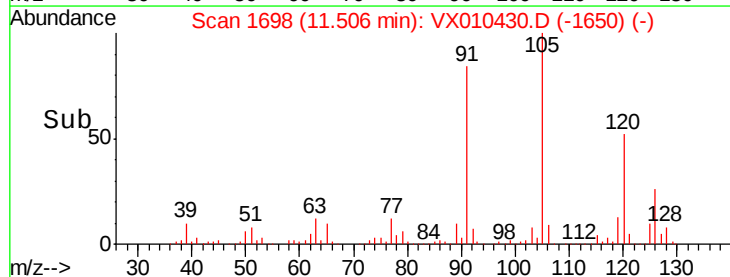
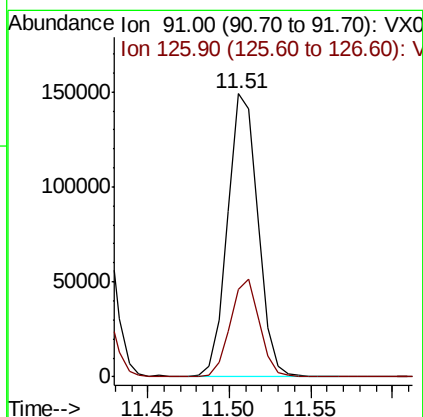
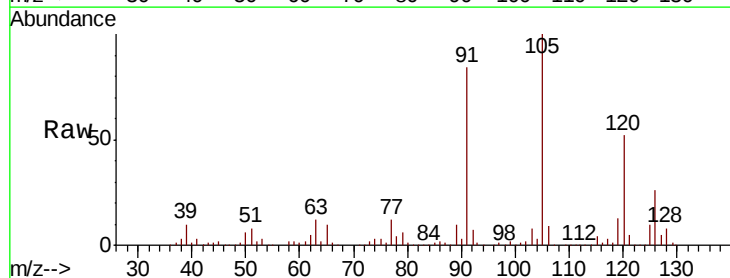
Acq: 25 Jun 2019 11:48

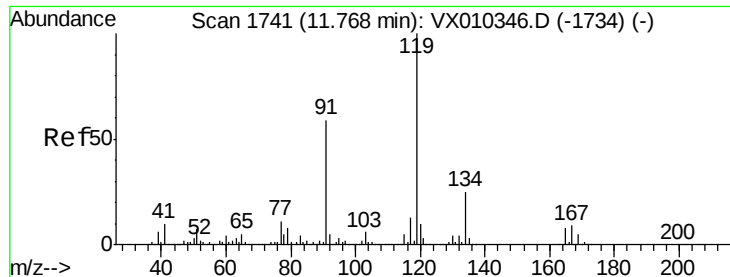
Tgt Ion: 91 Resp: 191757

Ion Ratio Lower Upper

91 100

126 33.3 16.2 48.6





#83

tert-Butylbenzene

Concen: 17.282 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampled :

VX0625WBSD02

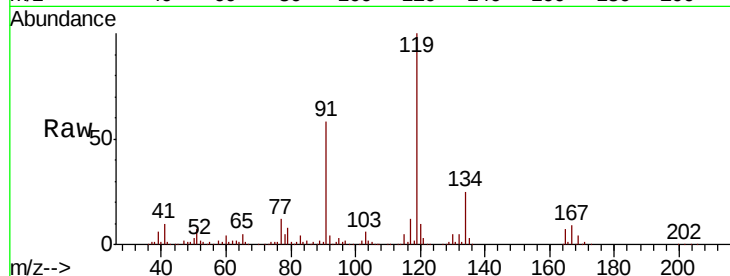
Tot Ion:119 Resp: 213426

Ion Ratio Lower Upper

119 100

91 54.5 27.6 82.7

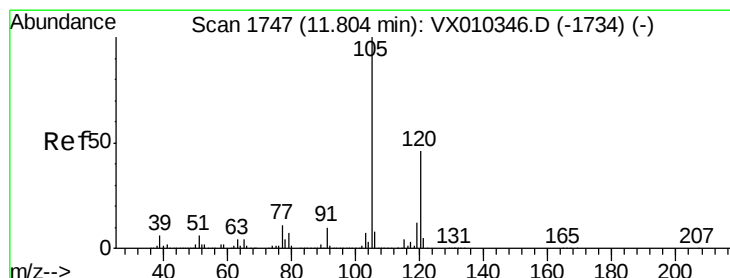
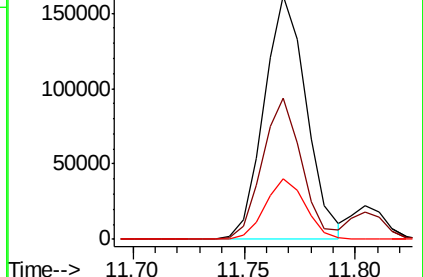
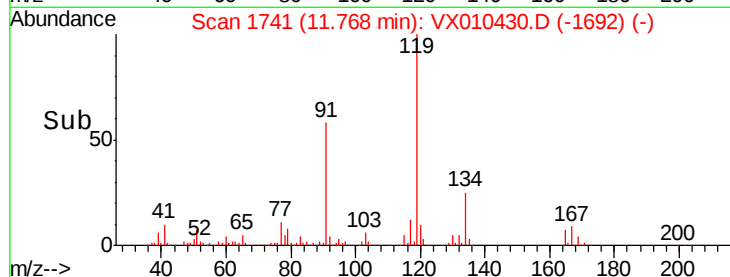
134 23.8 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.550 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010430.D

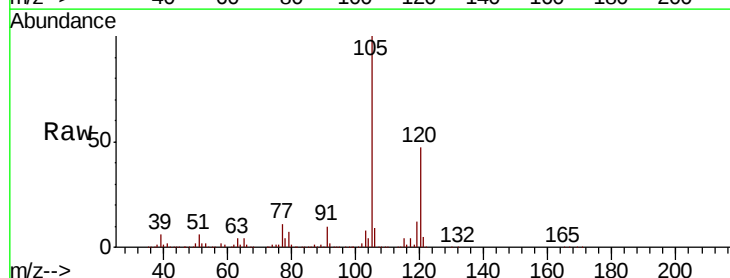
Acq: 25 Jun 2019 11:48

Tgt Ion:105 Resp: 216952

Ion Ratio Lower Upper

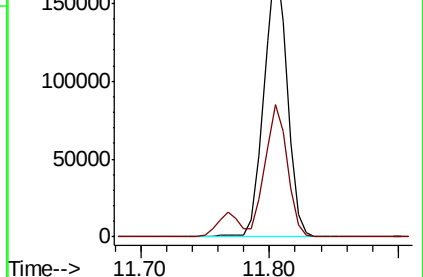
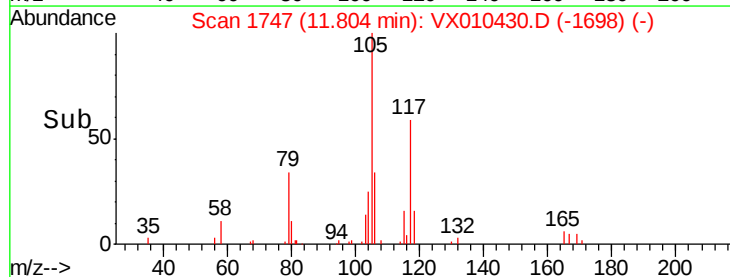
105 100

120 47.5 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 17.302 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

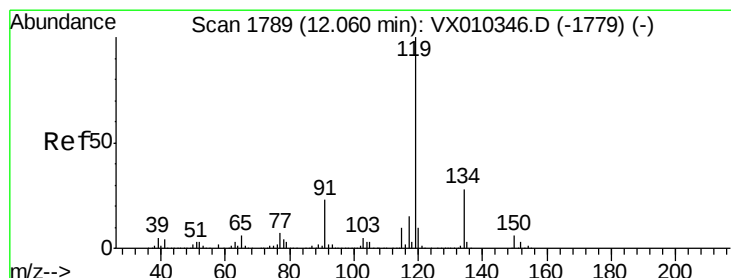
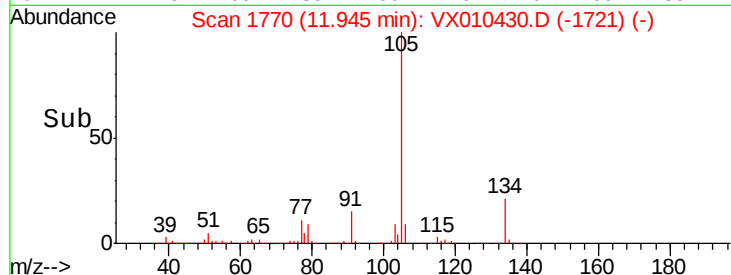
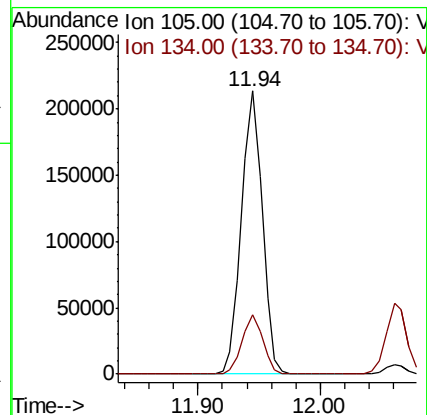
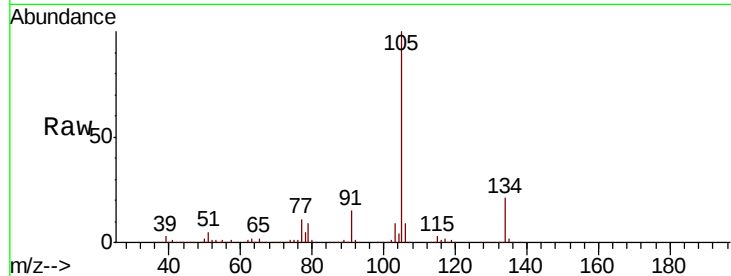
VX0625WBSD02

Tot Ion:105 Resp: 250868

Ion Ratio Lower Upper

105 100

134 21.1 10.7 31.9



#86

p-Isopropyltoluene

Concen: 17.364 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

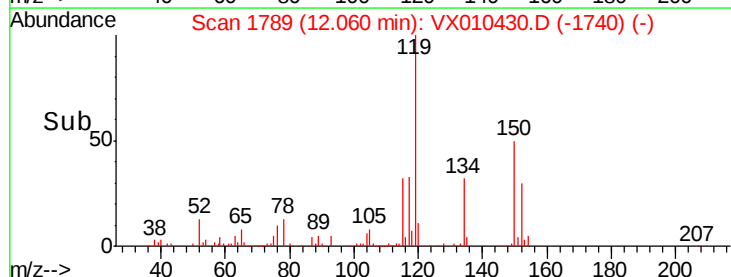
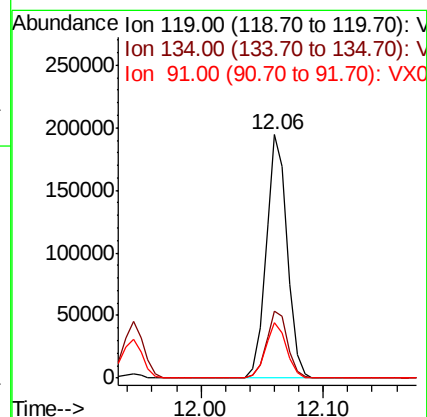
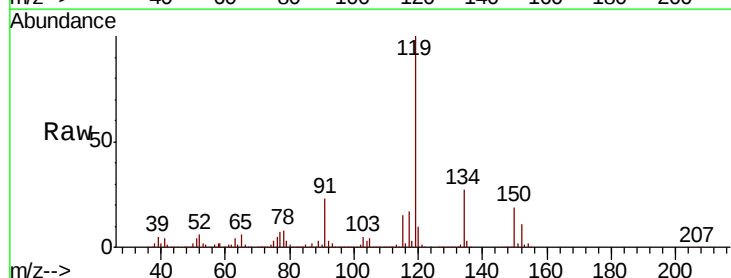
Tgt Ion:119 Resp: 232877

Ion Ratio Lower Upper

119 100

134 27.7 13.7 41.1

91 22.4 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 17.020 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

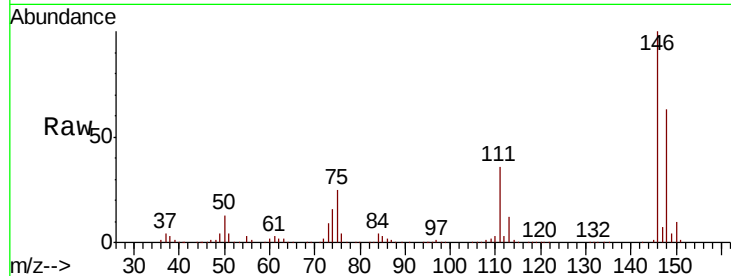
Tot Ion:146 Resp: 123813

Ion Ratio Lower Upper

146 100

111 37.0 19.1 57.1

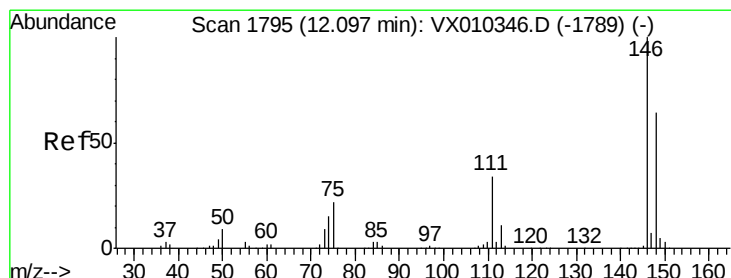
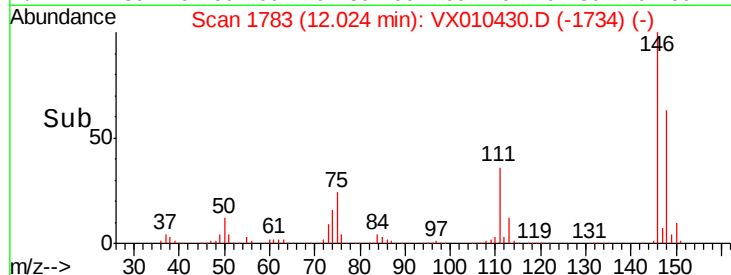
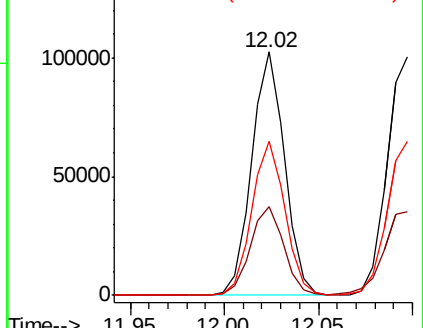
148 63.7 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 16.696 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

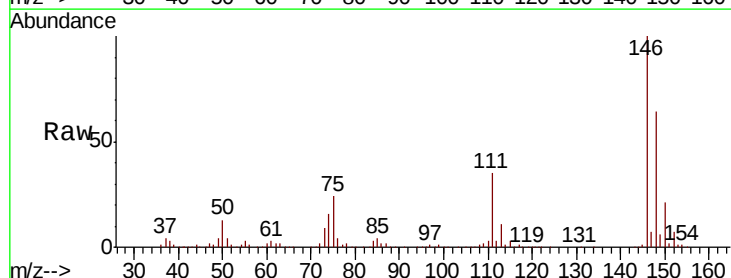
Tgt Ion:146 Resp: 123652

Ion Ratio Lower Upper

146 100

111 38.0 18.1 54.3

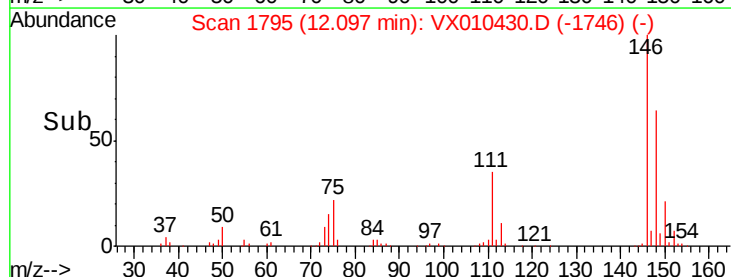
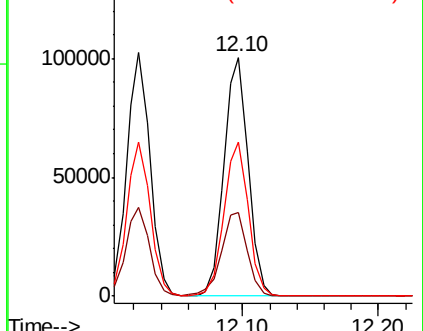
148 65.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

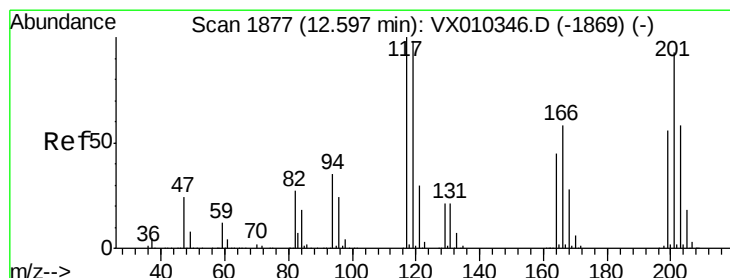
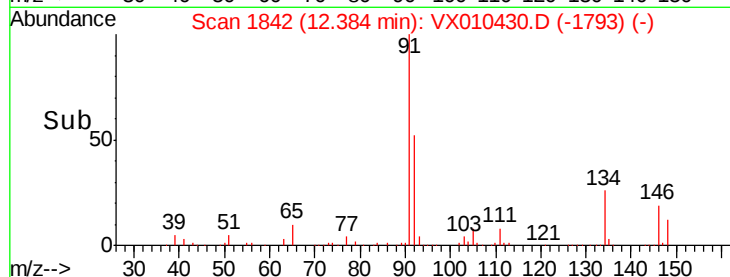
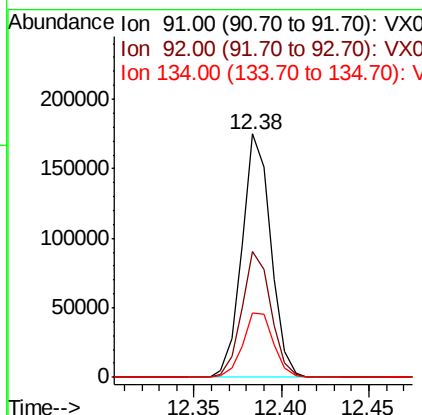
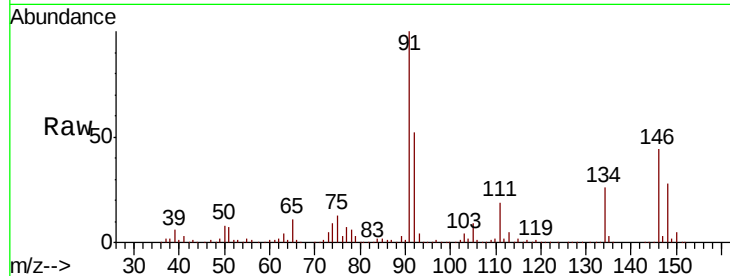




#89
n-Butylbenzene
Concen: 17.601 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

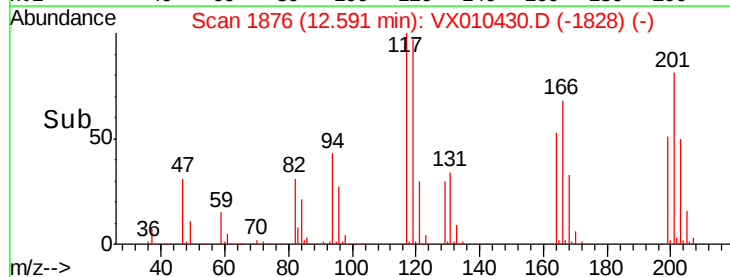
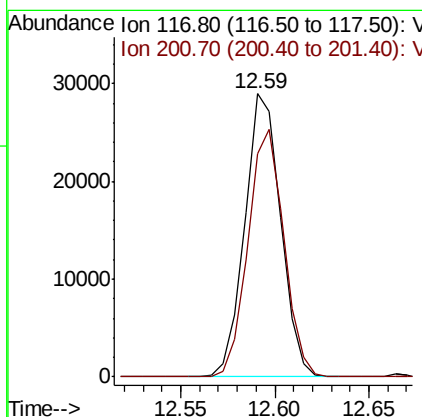
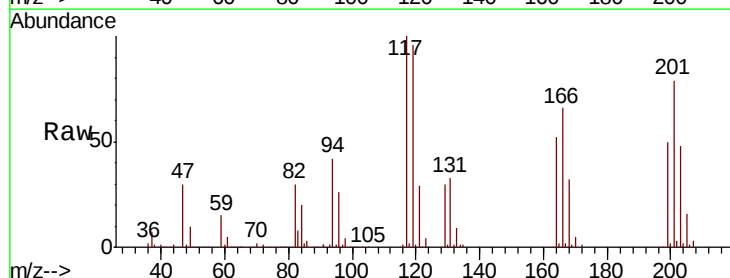
Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Tot Ion: 91 Resp: 200589
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.5
134 28.1 14.1 42.4



#90
Hexachloroethane
Concen: 16.523 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion: 117 Resp: 38317
Ion Ratio Lower Upper
117 100
201 87.1 44.0 131.8

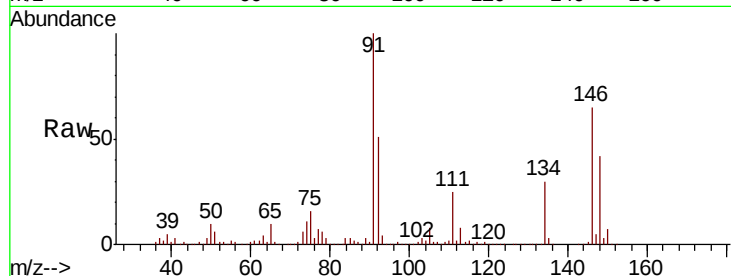




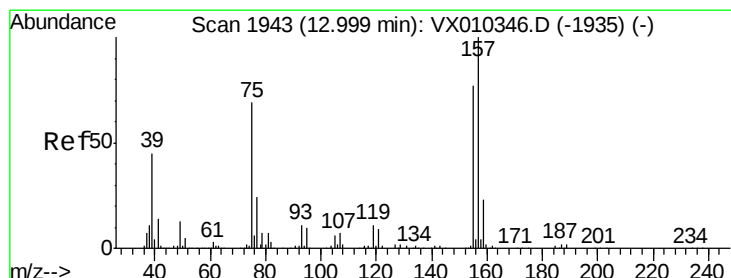
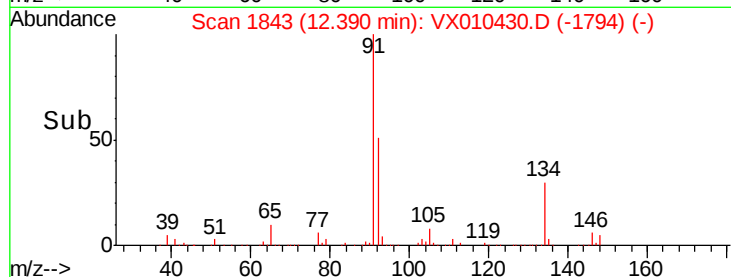
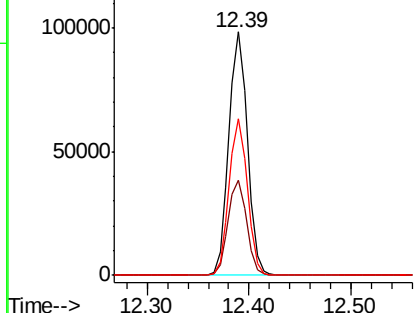
#91
1,2-Dichlorobenzene
Concen: 17.075 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.2	57.6
148	63.3	32.0	96.0

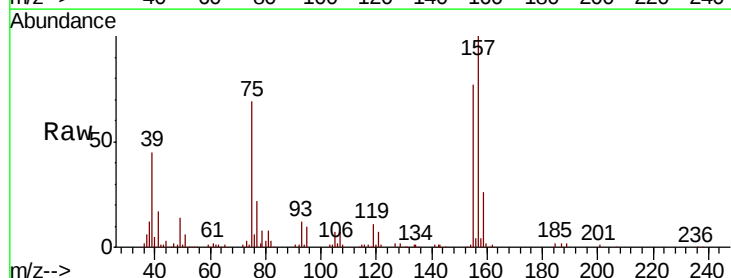


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

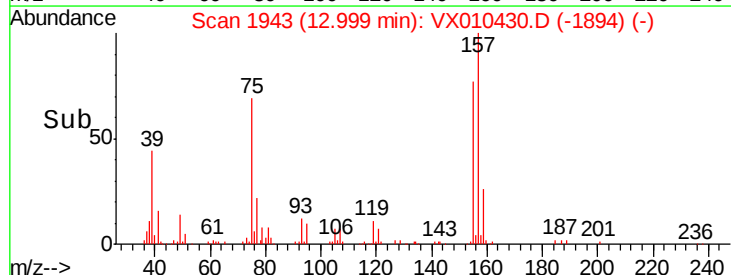
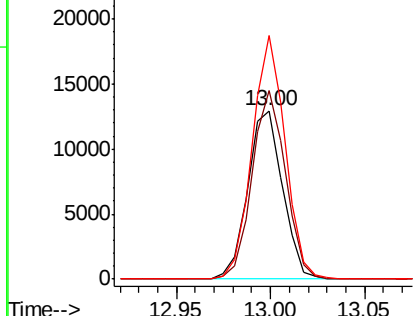


#92
1,2-Dibromo-3-Chloropropane
Concen: 15.580 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.5	54.4	163.1
157	136.2	69.5	208.3



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

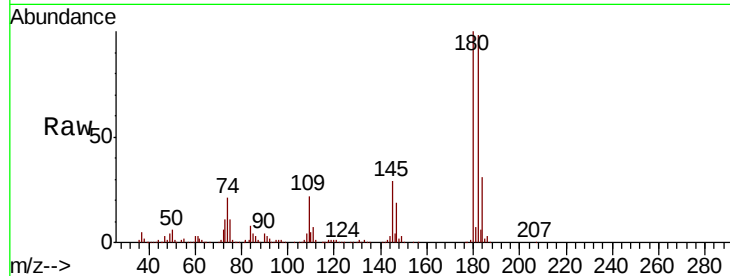




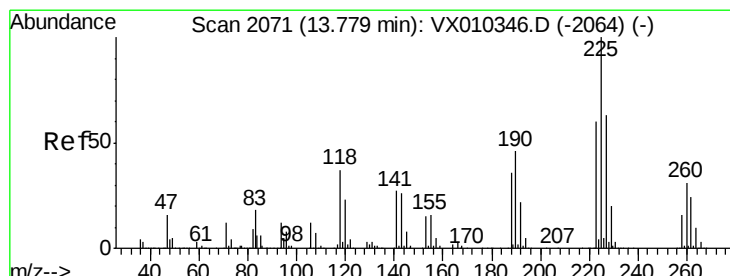
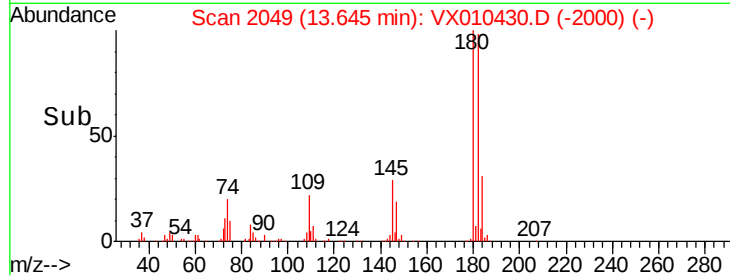
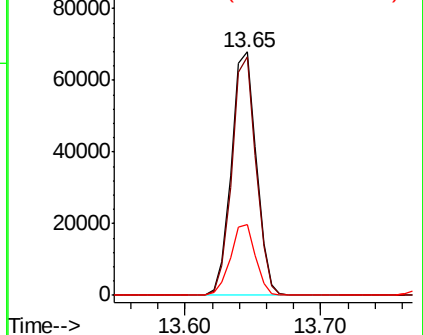
#93
 1,2,4-Trichlorobenzene
 Concen: 17.309 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD02

Tot Ion:180 Resp: 86788
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.0 144.0
 145 29.1 14.4 43.4

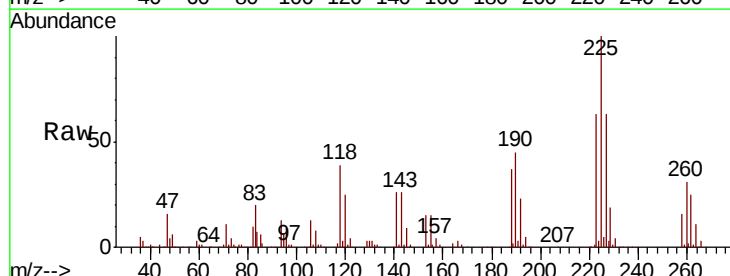


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

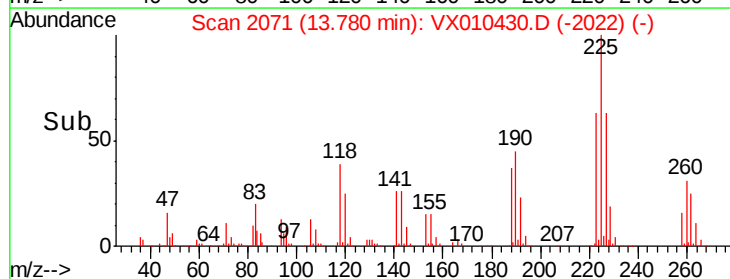
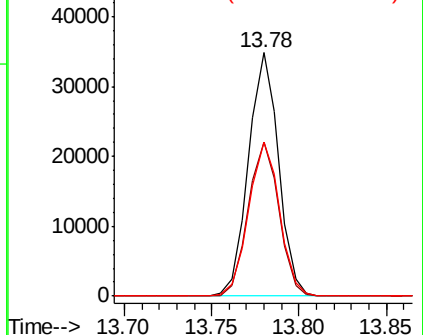


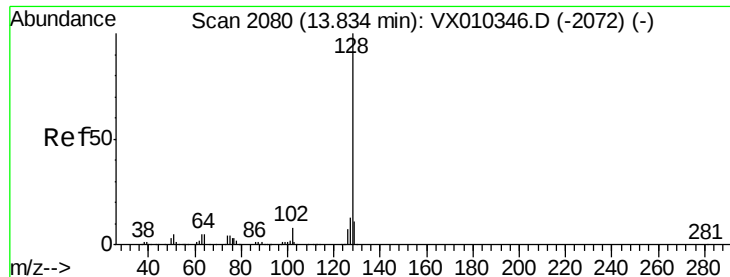
#94
 Hexachlorobutadiene
 Concen: 16.963 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Tgt Ion:225 Resp: 41567
 Ion Ratio Lower Upper
 225 100
 223 64.8 30.9 92.7
 227 65.2 31.9 95.5



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: 17.162 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

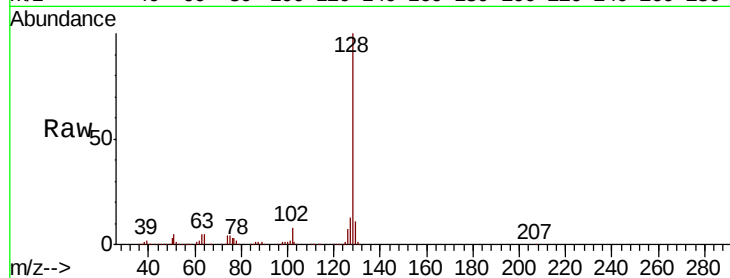
Tot Ion:128 Resp: 264439

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

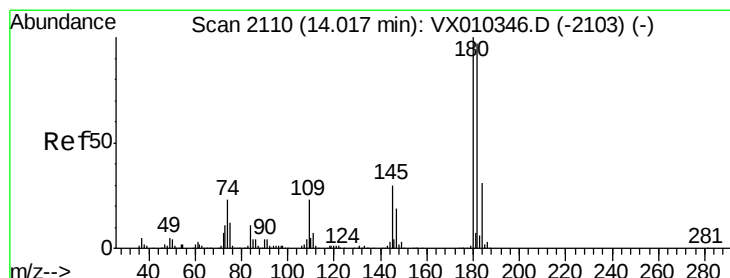
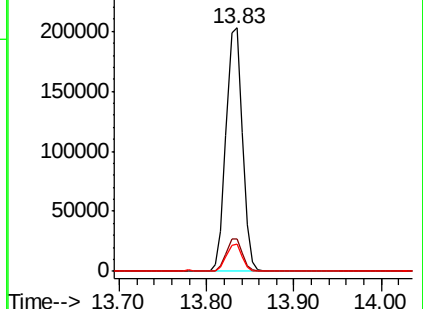
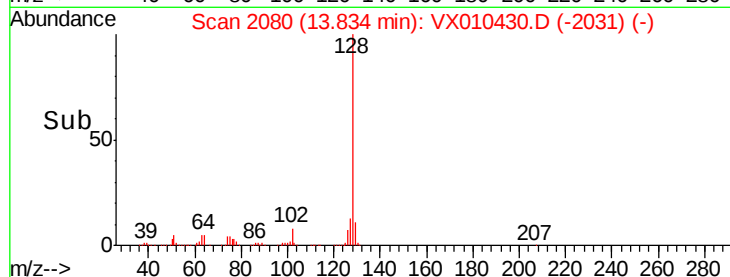
129 11.0 8.9 13.3



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: 17.141 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

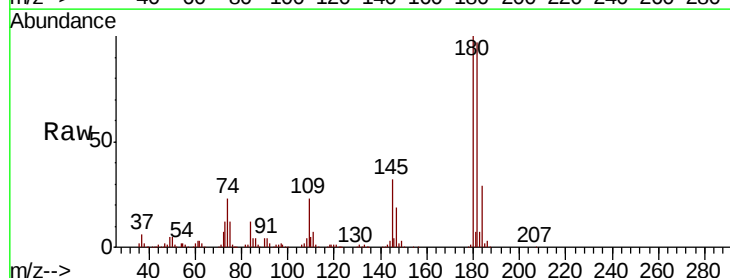
Tgt Ion:180 Resp: 85450

Ion Ratio Lower Upper

180 100

182 95.9 47.8 143.3

145 31.1 15.2 45.6



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

