

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012619\
 Data File : VX007230.D
 Acq On : 25 Jan 2019 15:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 00:11:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	499520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	708383	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	650031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	344417	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	255744	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
35) Dibromofluoromethane	5.50	113	233763	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
50) Toluene-d8	8.71	98	856538	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	11.13	95	310701	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	182454	44.479	ug/l	99
3) Chloromethane	1.33	50	200367	41.959	ug/l	99
4) Vinyl Chloride	1.41	62	225006	43.803	ug/l	98
5) Bromomethane	1.64	94	221088	40.284	ug/l	97
6) Chloroethane	1.71	64	149252	41.612	ug/l	97
7) Trichlorofluoromethane	1.93	101	381137	45.921	ug/l	100
8) Diethyl Ether	2.19	74	150029	45.435	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	232258	46.741	ug/l	99
10) Methyl Iodide	2.51	142	333386	49.738	ug/l	100
11) Tert butyl alcohol	3.07	59	275120	223.410	ug/l	99
12) 1,1-Dichloroethene	2.37	96	205339	44.727	ug/l	97
13) Acrolein	2.30	56	130551	245.860	ug/l	99
14) Allyl chloride	2.73	41	373833	47.513	ug/l	98
15) Acrylonitrile	3.15	53	672868	238.016	ug/l	99
16) Acetone	2.45	43	614924	238.268	ug/l	99
17) Carbon Disulfide	2.57	76	449727	38.048	ug/l	99
18) Methyl Acetate	2.78	43	374642	50.127	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	760757	47.742	ug/l	99
20) Methylene Chloride	2.85	84	236837	48.228	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	222613	43.512	ug/l	98
22) Diisopropyl ether	3.87	45	712299	48.155	ug/l	98
23) Vinyl Acetate	3.82	43	2913972	233.598	ug/l	100
24) 1,1-Dichloroethane	3.70	63	401632	48.559	ug/l	99
25) 2-Butanone	4.70	43	891212	241.341	ug/l	98
26) 2,2-Dichloropropane	4.59	77	307825	48.399	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	254146	45.036	ug/l	97
28) Bromochloromethane	5.01	49	159359	43.975	ug/l	96
29) Tetrahydrofuran	5.15	42	561357	233.915	ug/l	97
30) Chloroform	5.21	83	420349	48.540	ug/l	98
31) Cyclohexane	5.57	56	328184	44.581	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	353372	48.143	ug/l	98
36) 1,1-Dichloropropene	5.79	75	293223	47.610	ug/l	99
37) Ethyl Acetate	4.85	43	325333	49.272	ug/l	97
38) Carbon Tetrachloride	5.78	117	307263	49.587	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	370454	47.182	ug/l	98
40) Benzene	6.14	78	906587	48.242	ug/l	99
41) Methacrylonitrile	5.06	41	182812	48.061	ug/l	99
42) 1,2-Dichloroethane	6.20	62	317475	48.888	ug/l	99
43) Isopropyl Acetate	6.46	43	527250	50.624	ug/l	98
44) Trichloroethene	7.21	130	274511	48.747	ug/l	93
45) 1,2-Dichloropropane	7.51	63	236037	49.960	ug/l	99
46) Dibromomethane	7.66	93	164652	49.588	ug/l	98
47) Bromodichloromethane	7.90	83	301856	53.409	ug/l	98
48) Methyl methacrylate	7.77	41	273731	51.179	ug/l	97
49) 1,4-Dioxane	7.75	88	117244	959.540	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1743252	260.447	ug/l	99
52) Toluene	8.78	92	595486	49.301	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	336348	53.669	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	368959	53.310	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	254024	52.543	ug/l	98
56) Ethyl methacrylate	9.18	69	367204	52.028	ug/l	95
57) 1,3-Dichloropropane	9.37	76	407196	51.411	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	952530	262.488	ug/l	98
59) 2-Hexanone	9.49	43	1305955	256.035	ug/l	100
60) Dibromochloromethane	9.58	129	265524	56.560	ug/l	99
61) 1,2-Dibromoethane	9.67	107	276697	51.988	ug/l	99
64) Tetrachloroethene	9.34	164	291954	51.877	ug/l	97
65) Chlorobenzene	10.14	112	705418	49.756	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	257422	53.974	ug/l	99
67) Ethyl Benzene	10.25	91	1155968	49.389	ug/l	99
68) m/p-Xylenes	10.36	106	919574	99.722	ug/l	100
69) o-Xylene	10.69	106	445687	49.559	ug/l	97
70) Styrene	10.71	104	725425	50.931	ug/l	99
71) Bromoform	10.86	173	201415	47.468	ug/l	99
73) Isopropylbenzene	11.02	105	1207880	49.735	ug/l	99
74) N-amyl acetate	10.90	43	466718	47.731	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	367095	47.612	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	424613	60.838	ug/l	91
77) Bromobenzene	11.26	156	320049	47.827	ug/l	99
78) n-propylbenzene	11.36	91	1350316	50.647	ug/l	100
79) 2-Chlorotoluene	11.42	91	776462	48.381	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	999253	49.241	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	104385	45.503	ug/l	99
82) 4-Chlorotoluene	11.51	91	917628	49.383	ug/l	100
83) tert-Butylbenzene	11.77	119	1010606	49.914	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1018777	49.925	ug/l	99
85) sec-Butylbenzene	11.94	105	1221922	50.534	ug/l	100
86) p-Isopropyltoluene	12.07	119	1091080	50.446	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	587939	48.609	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	591755	51.632	ug/l	100
89) n-Butylbenzene	12.39	91	963195	52.241	ug/l	99
90) Hexachloroethane	12.60	117	173043	50.109	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	579264	48.530	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	76628	50.252	ug/l	99

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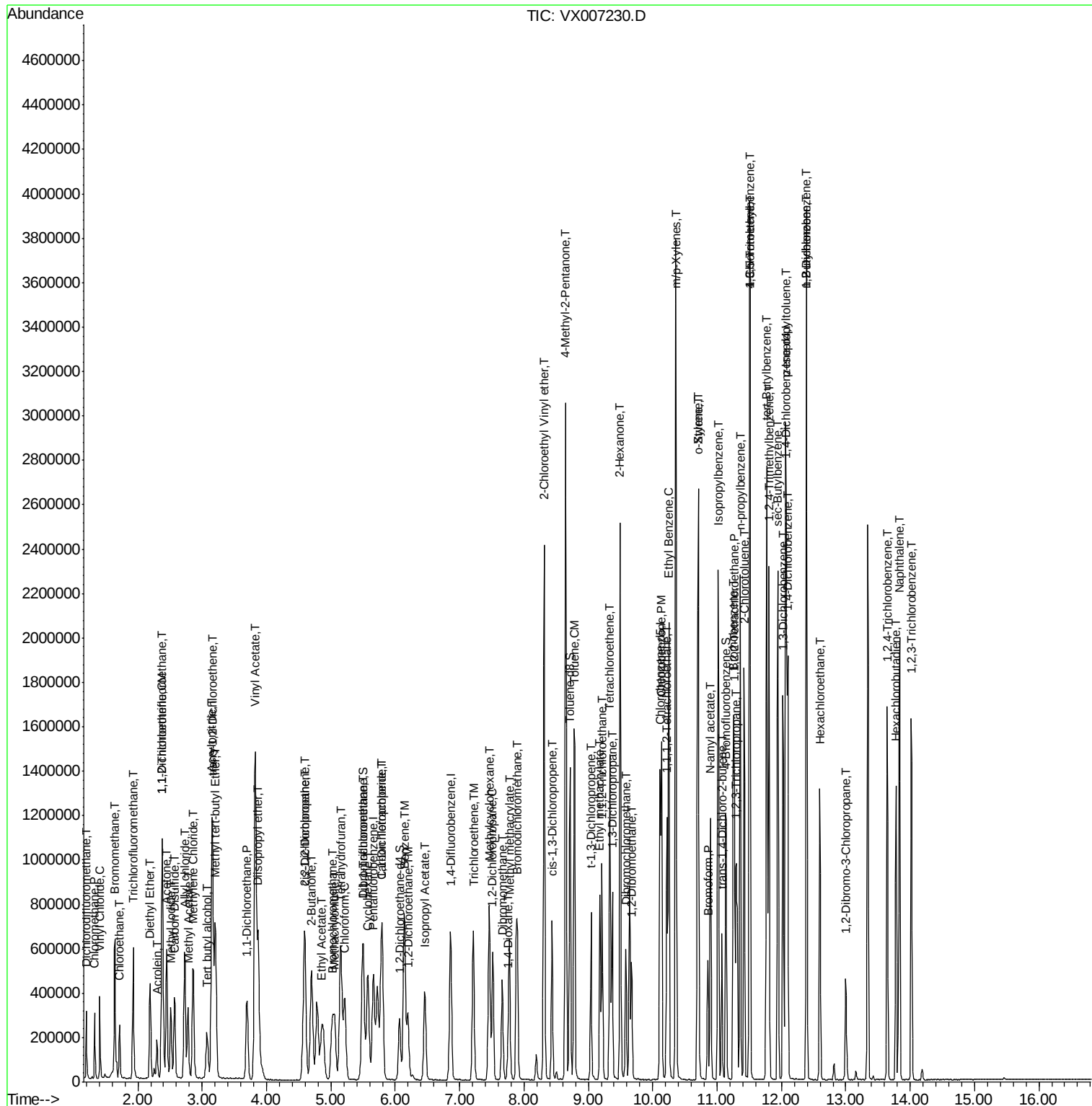
Instrument :
MSVOA_X
ClientSampleId :

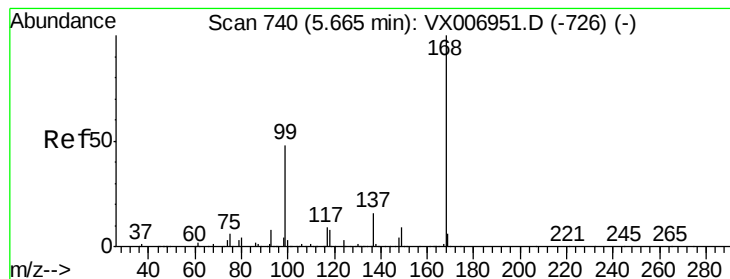
Quant Time: Jan 28 00:11:28 2019
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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	419514	51.228	ug/l	99
94) Hexachlorobutadiene	13.78	225	198845	54.717	ug/l	99
95) Naphthalene	13.83	128	1251887	50.449	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	408269	50.187	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :

MSVOA_X

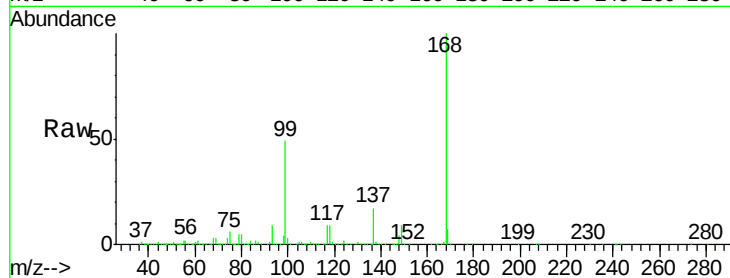
ClientSampleId :

Tot Ion:168 Resp: 499520

Ion Ratio Lower Upper

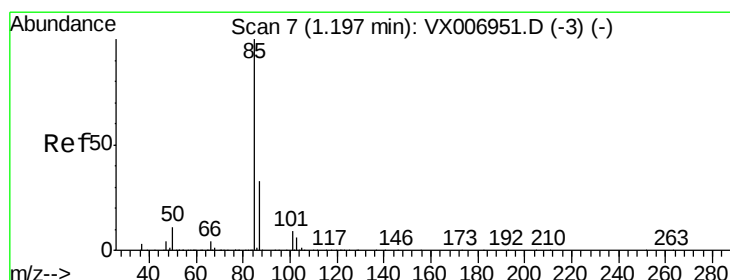
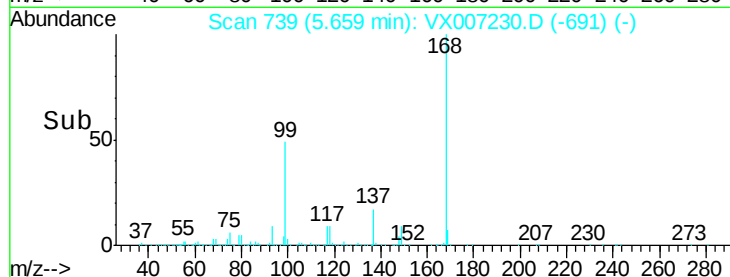
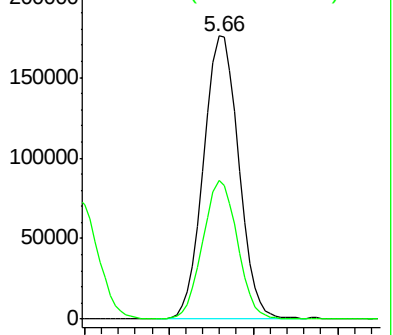
168 100

99 48.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.479 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007230.D

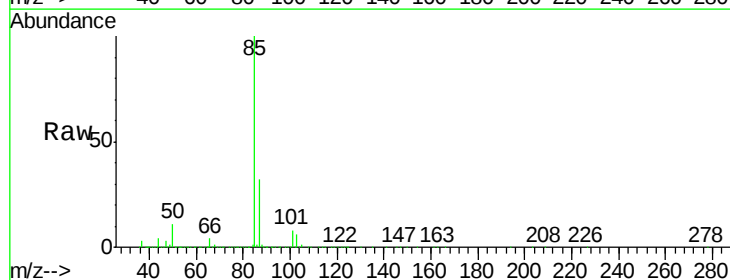
Acq: 25 Jan 2019 15:34

Tgt Ion: 85 Resp: 182454

Ion Ratio Lower Upper

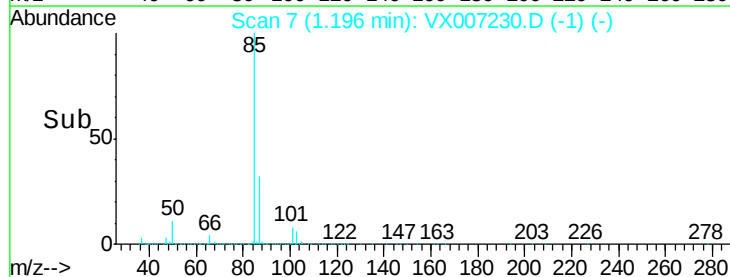
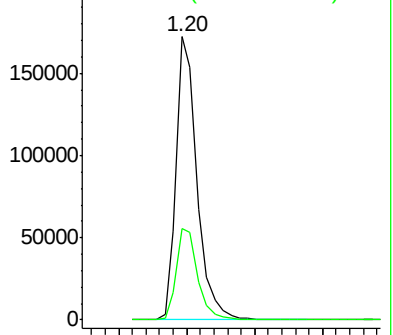
85 100

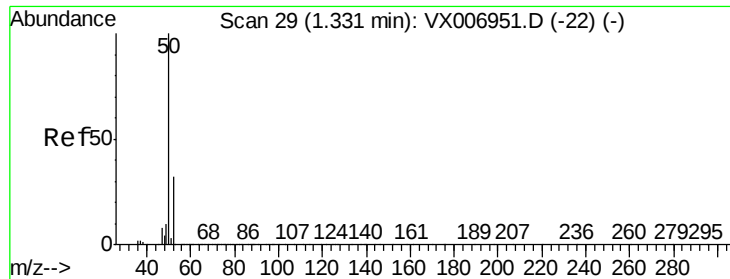
87 32.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 41.959 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :

MSVOA_X

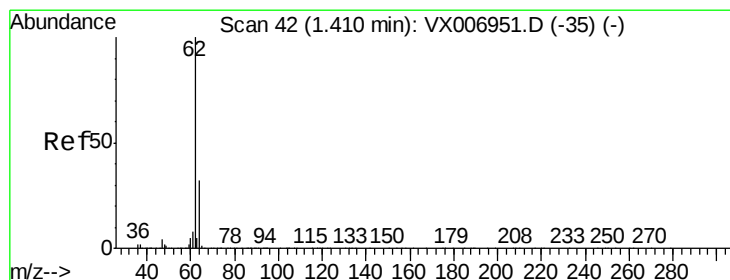
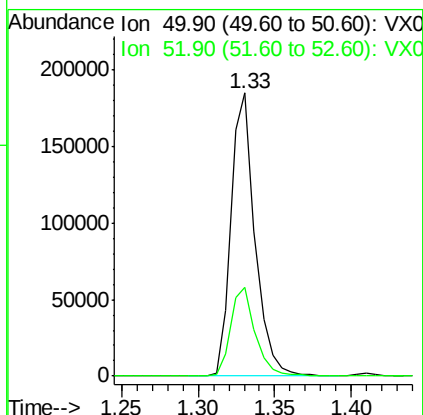
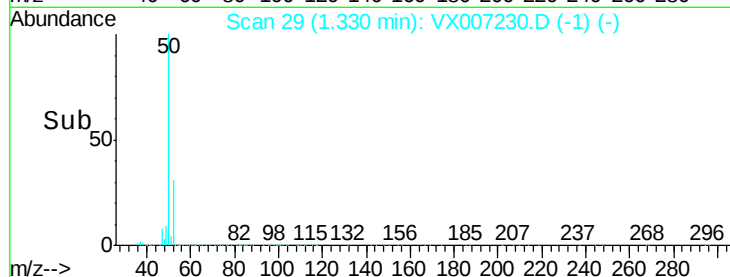
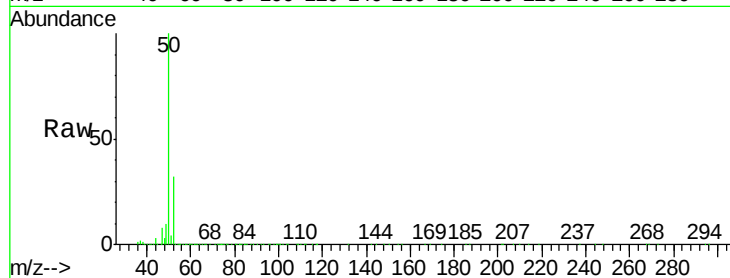
ClientSampleId :

Tot Ion: 50 Resp: 200367

Ion Ratio Lower Upper

50 100

52 31.5 25.4 38.2



#4

Vinyl Chloride

Concen: 43.803 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007230.D

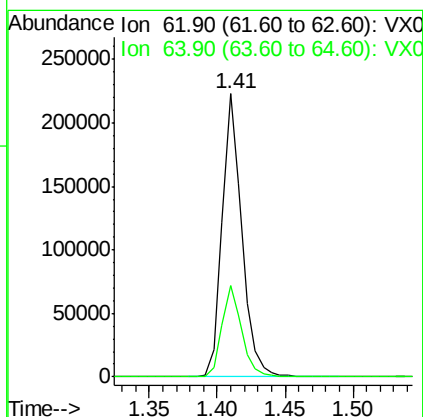
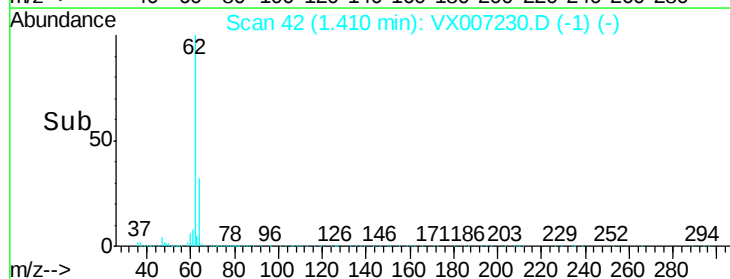
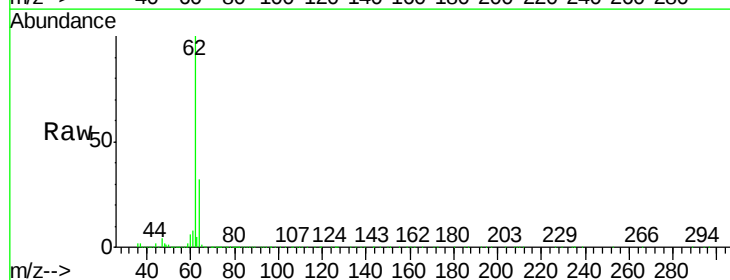
Acq: 25 Jan 2019 15:34

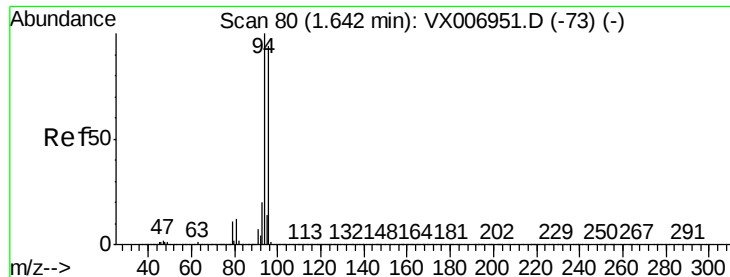
Tgt Ion: 62 Resp: 225006

Ion Ratio Lower Upper

62 100

64 32.3 25.1 37.7





#5

Bromomethane

Concen: 40.284 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

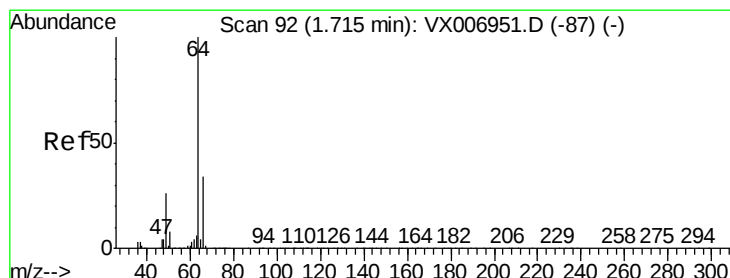
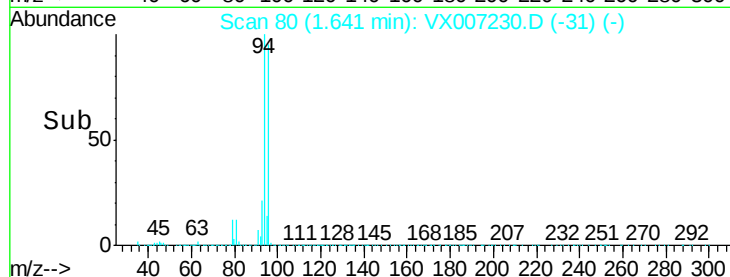
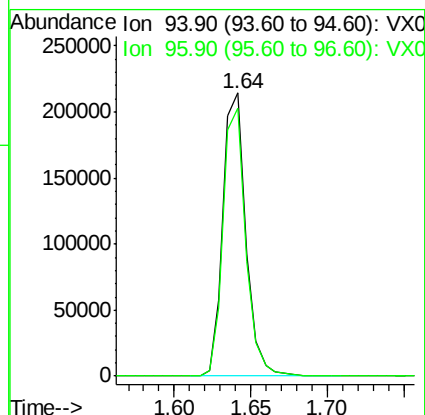
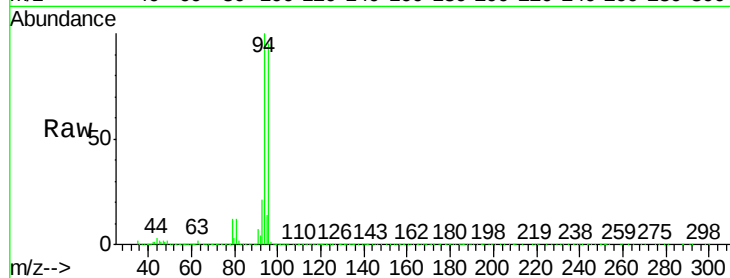
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 221088

Ion Ratio Lower Upper

94 100

96 94.7 73.4 110.2



#6

Chloroethane

Concen: 41.612 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX007230.D

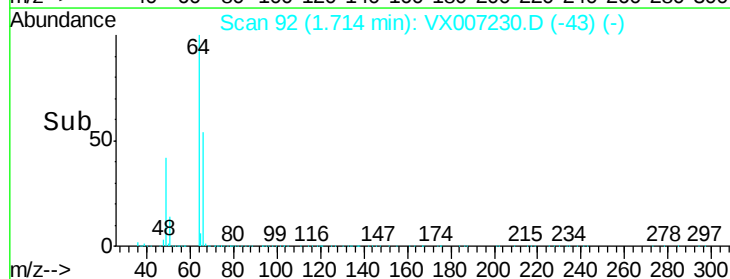
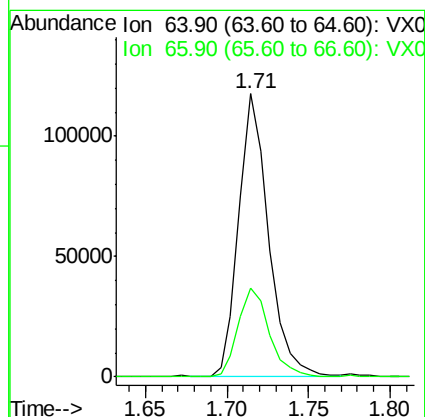
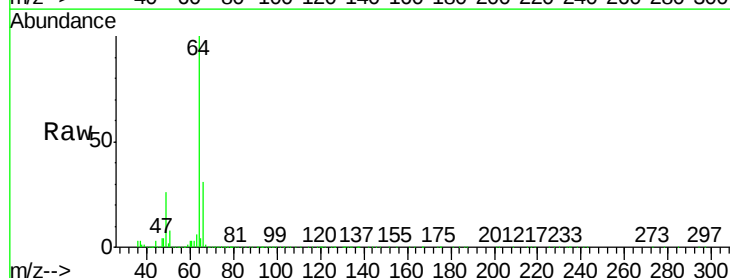
Acq: 25 Jan 2019 15:34

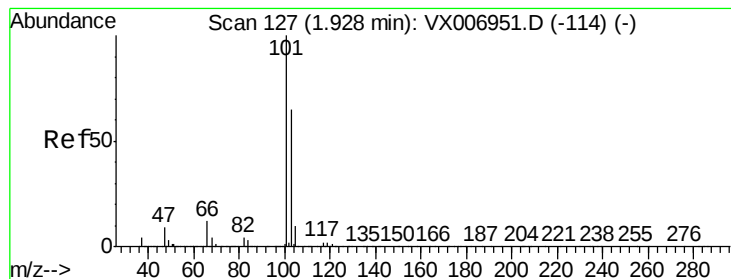
Tgt Ion: 64 Resp: 149252

Ion Ratio Lower Upper

64 100

66 31.1 26.4 39.6



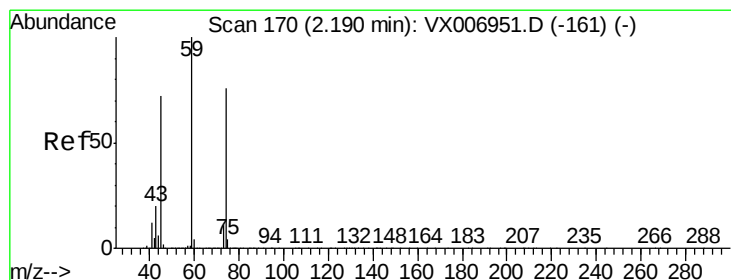
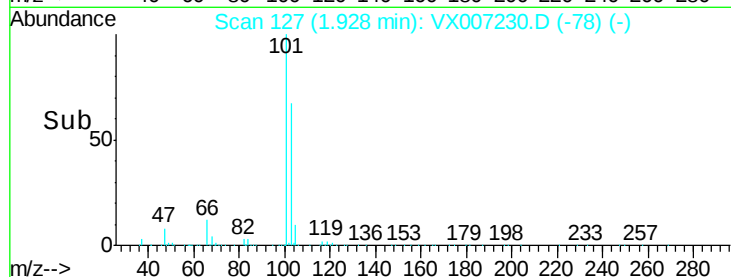
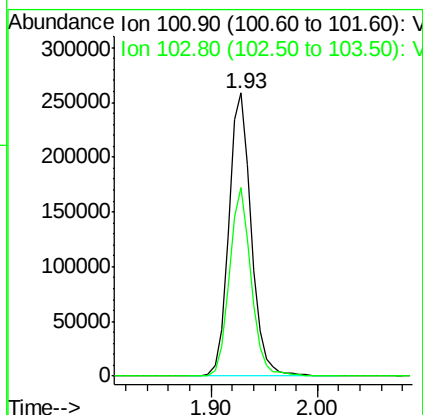
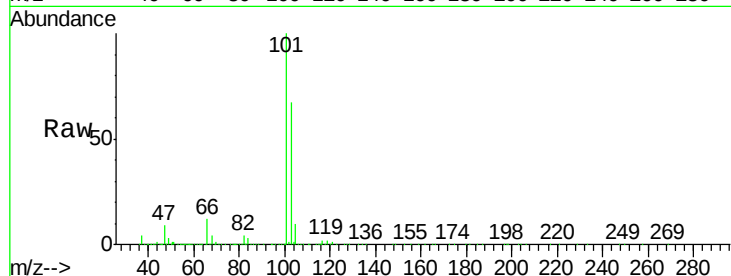


#7

Trichlorofluoromethane
Concen: 45.921 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007230.D
Acq: 25 Jan 2019 15:34

Instrument :
MSVOA_X
ClientSampleId :

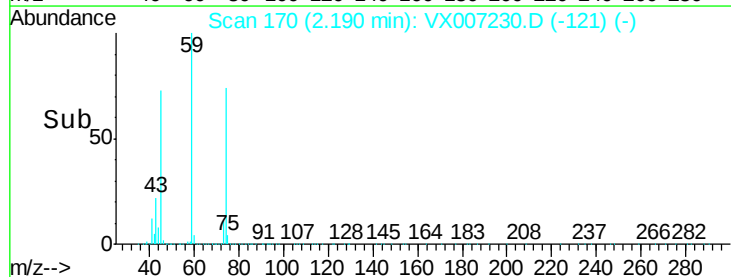
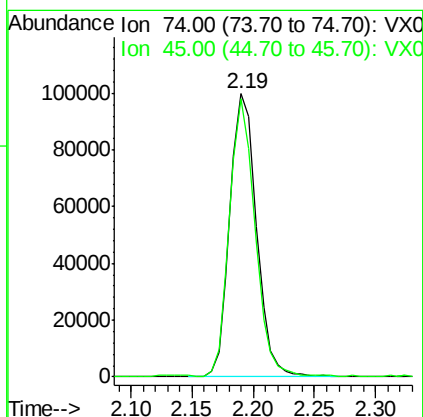
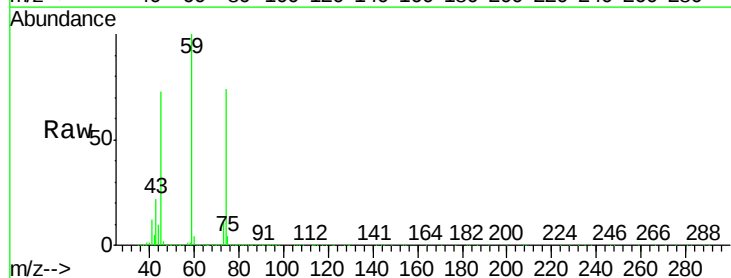
Tot Ion:101 Resp: 381137
Ion Ratio Lower Upper
101 100
103 66.7 53.2 79.8

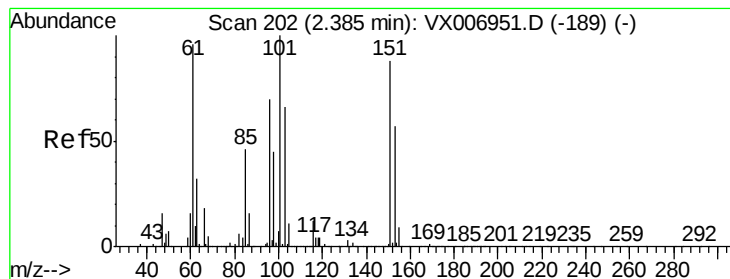


#8

Diethyl Ether
Concen: 45.435 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007230.D
Acq: 25 Jan 2019 15:34

Tgt Ion: 74 Resp: 150029
Ion Ratio Lower Upper
74 100
45 94.3 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.741 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :

MSVOA_X

ClientSampleId :

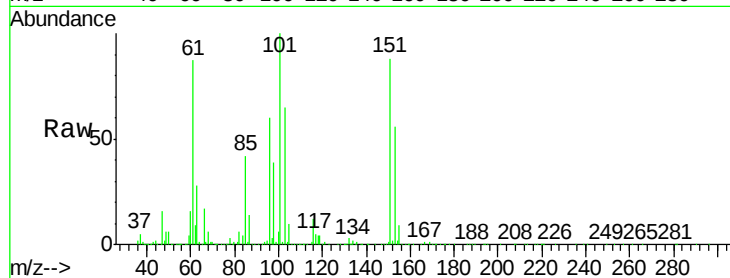
Tot Ion:101 Resp: 232258

Ion Ratio Lower Upper

101 100

85 44.0 35.1 52.7

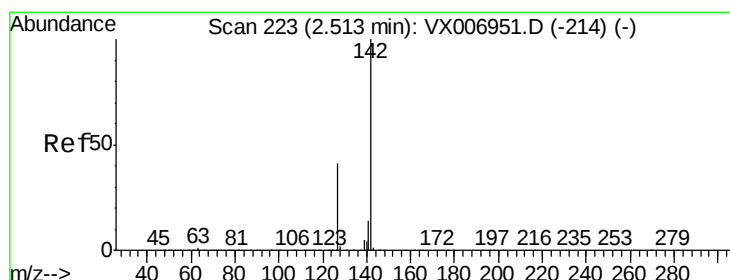
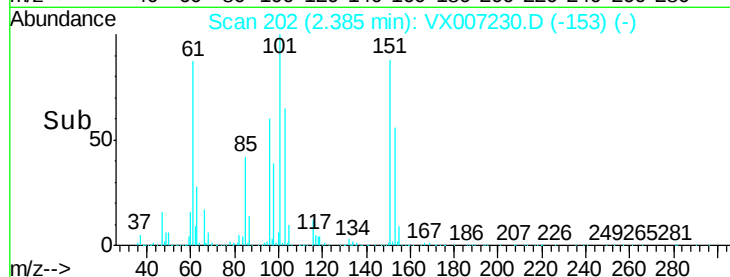
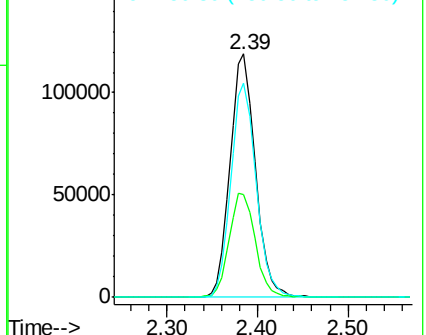
151 87.9 68.9 103.3



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: 49.738 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

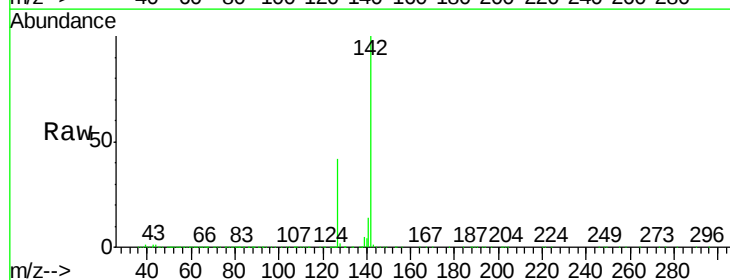
Tgt Ion:142 Resp: 333386

Ion Ratio Lower Upper

142 100

127 42.2 33.9 50.9

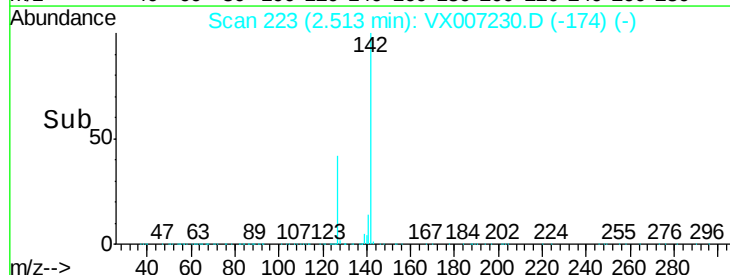
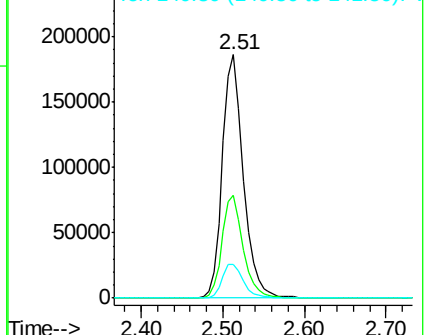
141 14.2 11.4 17.0

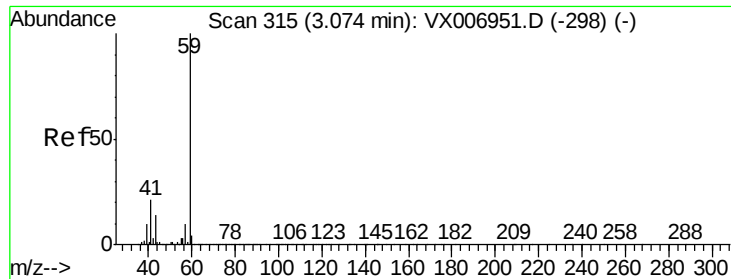


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



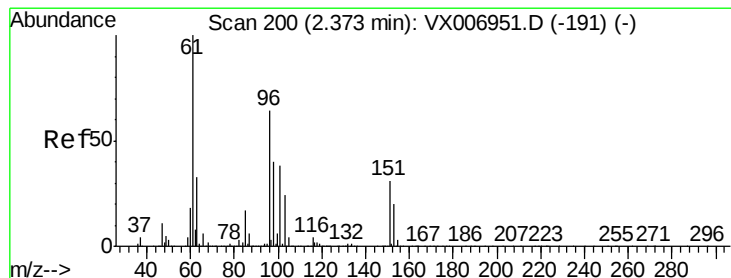
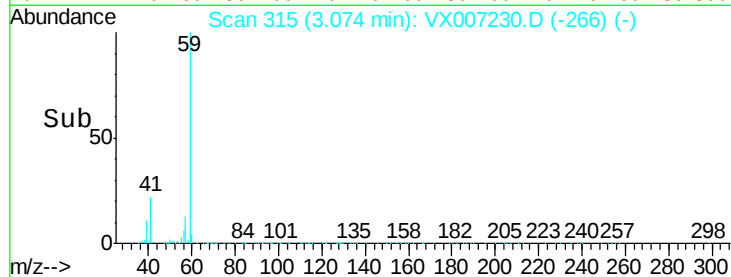
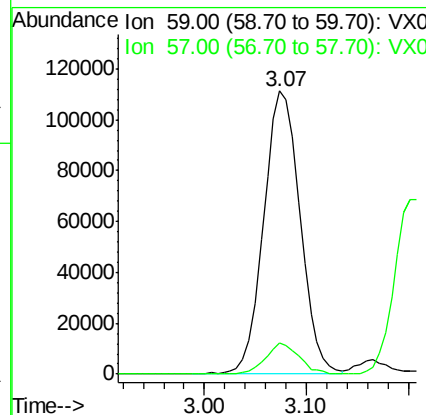
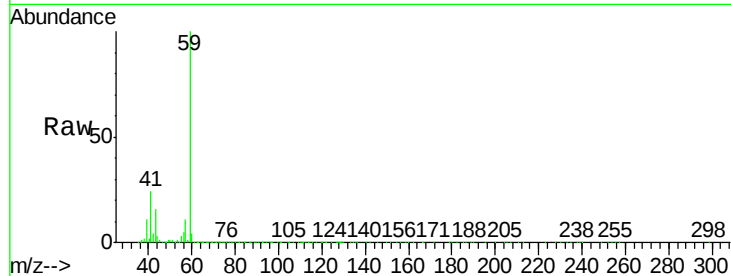


#11

Tert butyl alcohol
 Concen: 223.410 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX007230.D
 Acq: 25 Jan 2019 15:34

Instrument :
 MSVOA_X
 ClientSampleId :

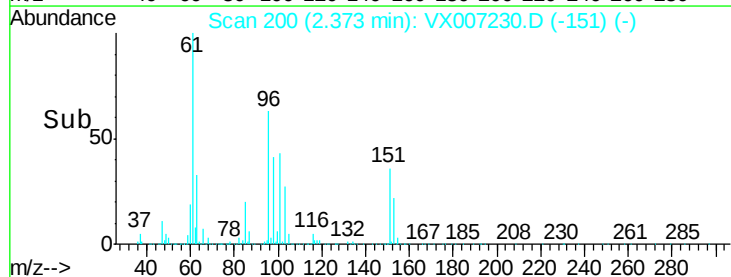
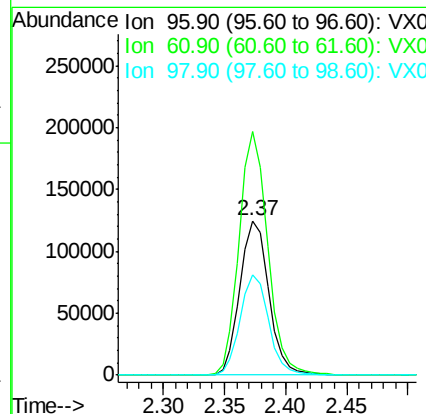
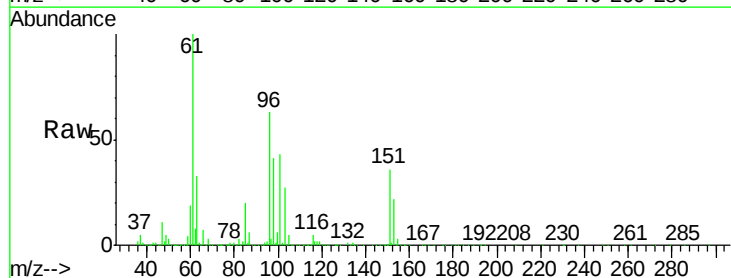
Tot Ion: 59 Resp: 275120
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

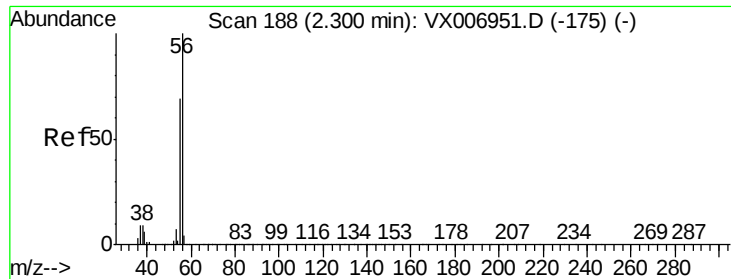


#12

1,1-Dichloroethene
 Concen: 44.727 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX007230.D
 Acq: 25 Jan 2019 15:34

Tgt Ion: 96 Resp: 205339
 Ion Ratio Lower Upper
 96 100
 61 157.8 121.4 182.2
 98 65.3 51.9 77.9





#13

Acrolein

Concen: 245.860 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :

MSVOA_X

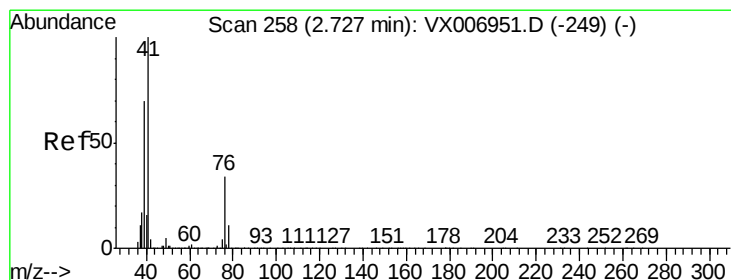
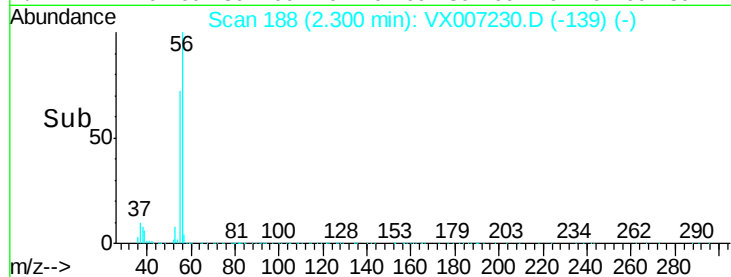
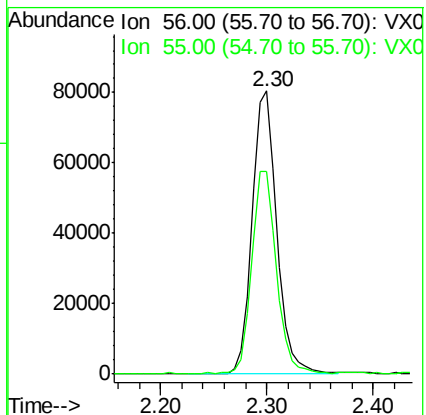
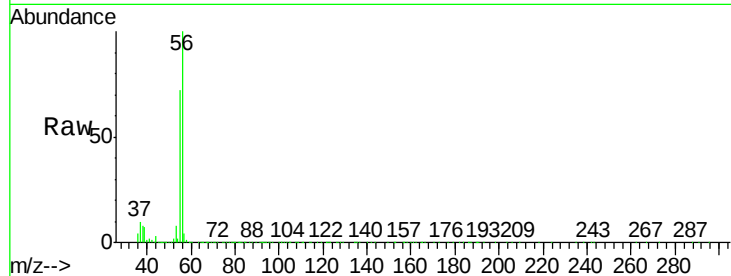
ClientSampleId :

Tot Ion: 56 Resp: 130551

Ion Ratio Lower Upper

56 100

55 71.8 58.2 87.4



#14

Allyl chloride

Concen: 47.513 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

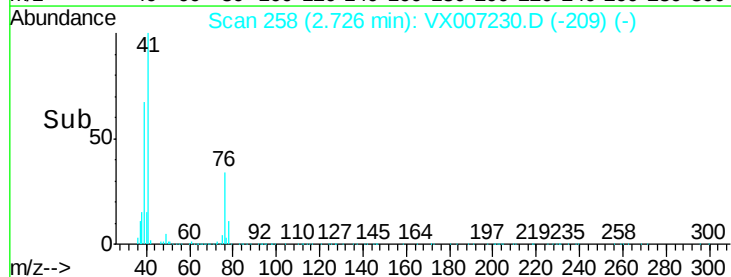
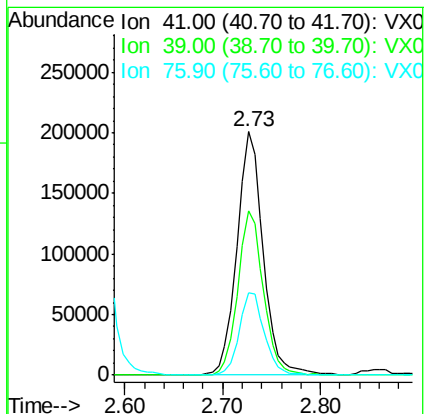
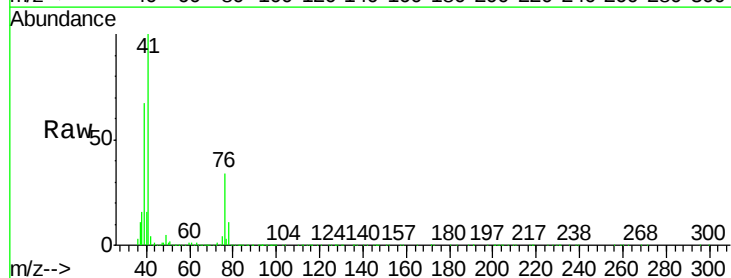
Tgt Ion: 41 Resp: 373833

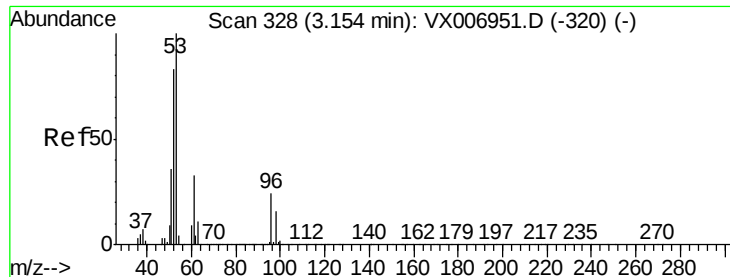
Ion Ratio Lower Upper

41 100

39 65.4 53.6 80.4

76 32.5 27.4 41.2





#15

Acrylonitrile

Concen: 238.016 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :
MSVOA_X
ClientSampleId :

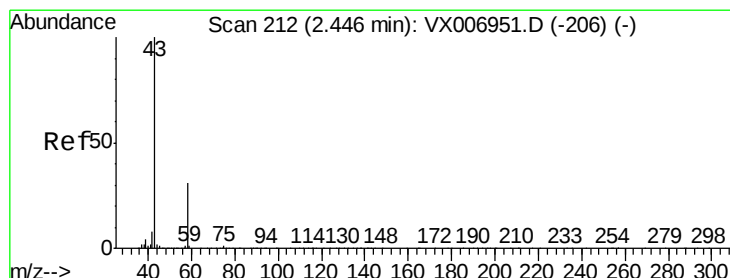
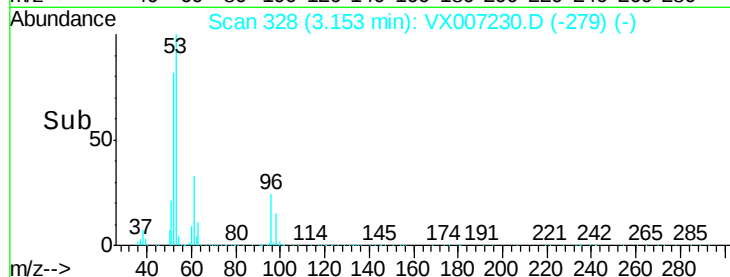
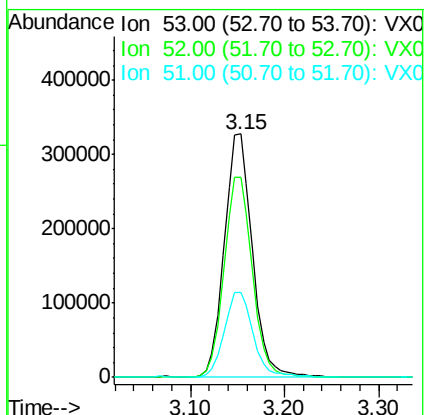
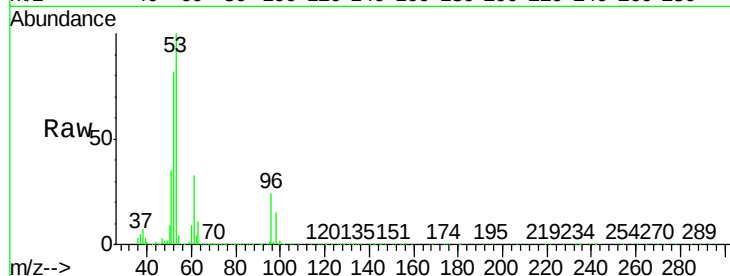
Tot Ion: 53 Resp: 672868

Ion Ratio Lower Upper

53 100

52 83.3 66.0 99.0

51 36.3 28.6 42.8



#16

Acetone

Concen: 238.268 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007230.D

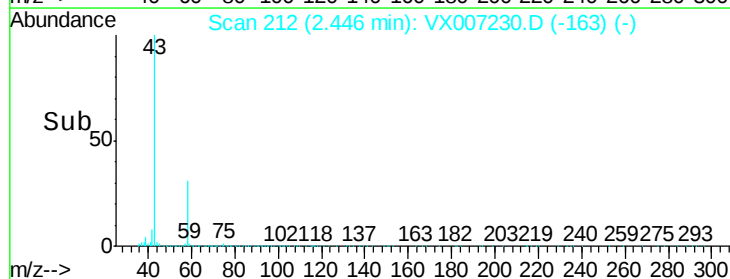
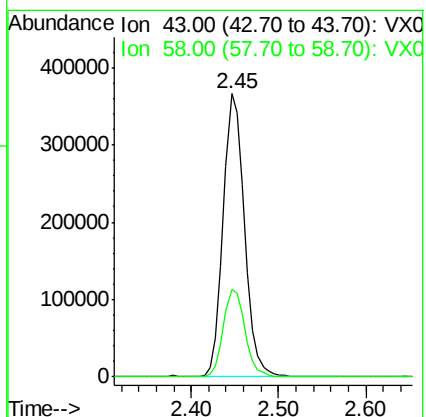
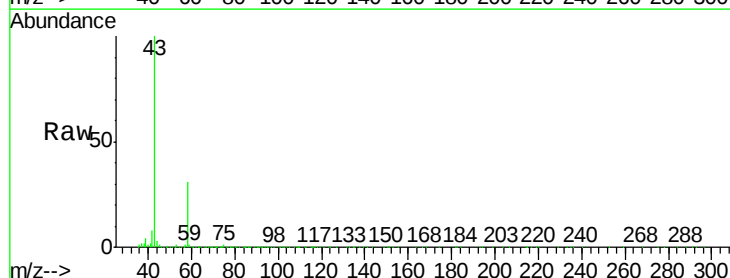
Acq: 25 Jan 2019 15:34

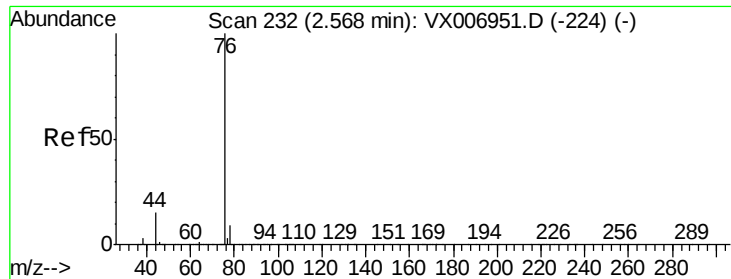
Tgt Ion: 43 Resp: 614924

Ion Ratio Lower Upper

43 100

58 31.0 25.0 37.6





#17

Carbon Disulfide

Concen: 38.048 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :

MSVOA_X

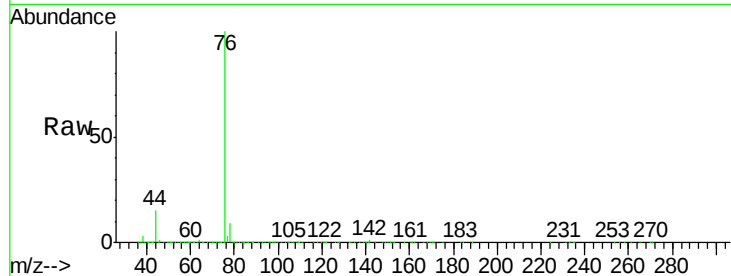
ClientSampleId :

Tot Ion: 76 Resp: 449727

Ion Ratio Lower Upper

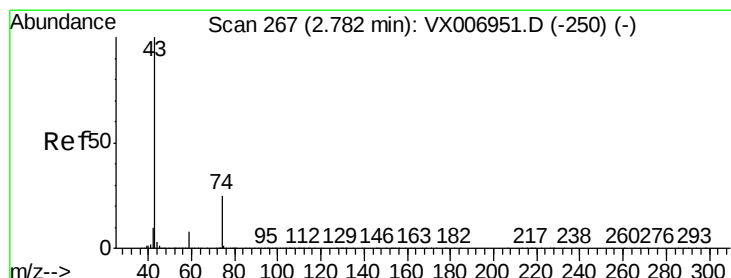
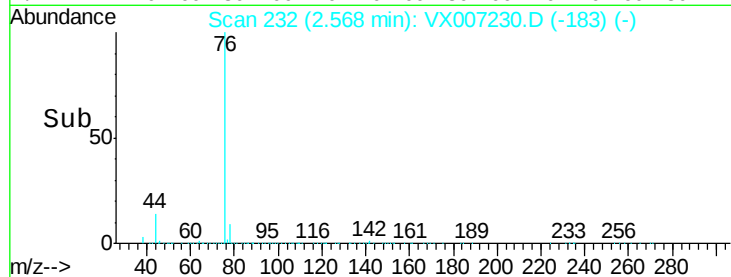
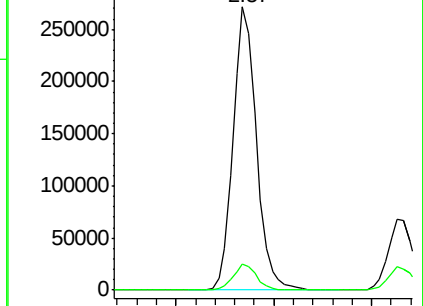
76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.127 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007230.D

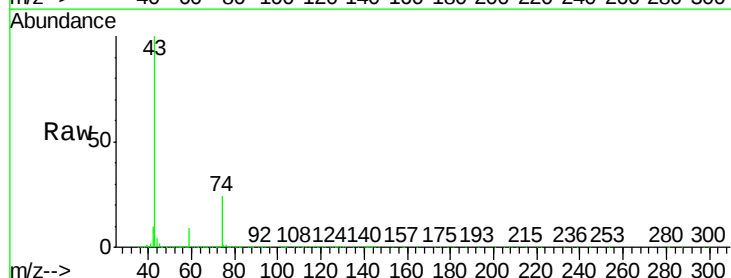
Acq: 25 Jan 2019 15:34

Tgt Ion: 43 Resp: 374642

Ion Ratio Lower Upper

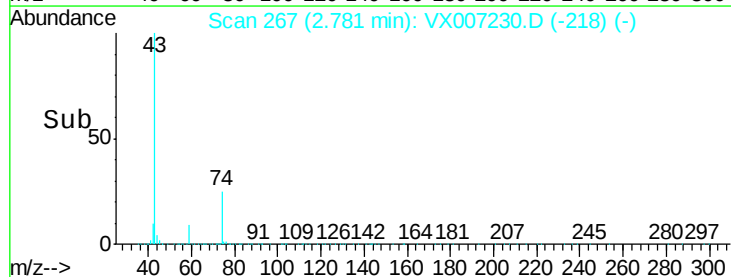
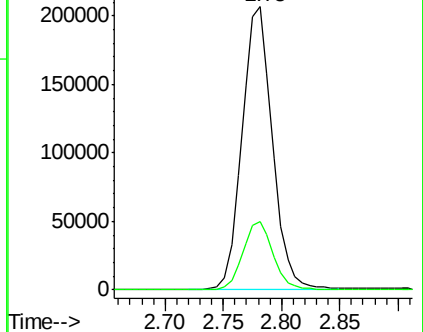
43 100

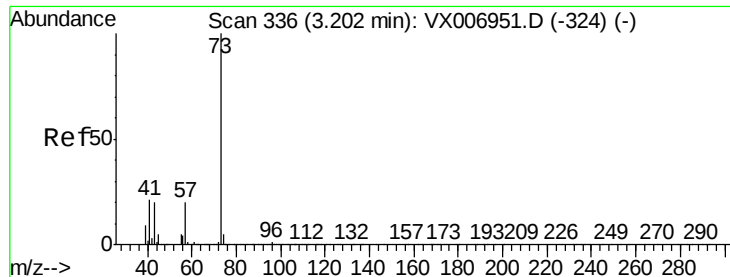
74 24.5 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

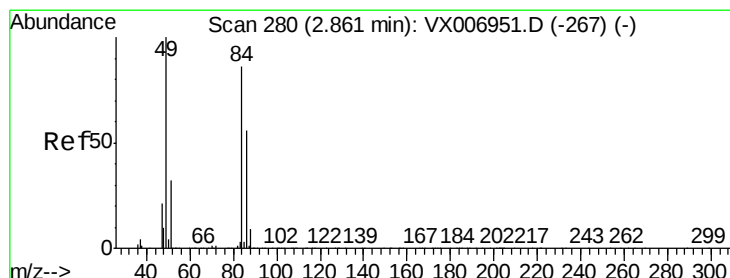
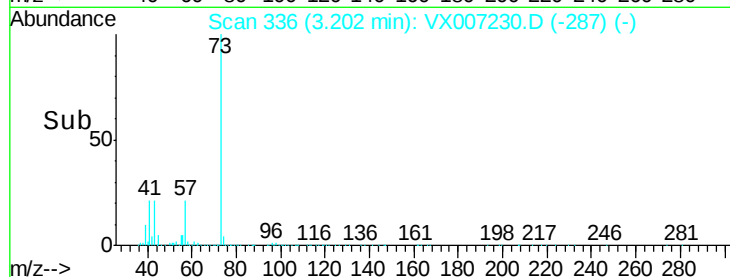
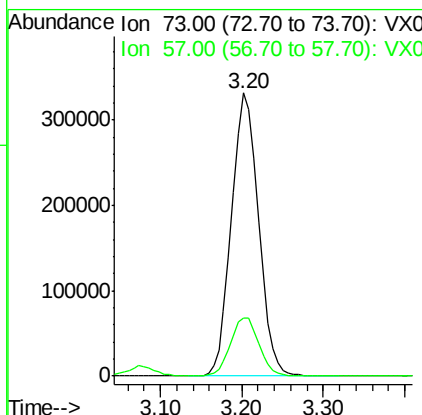
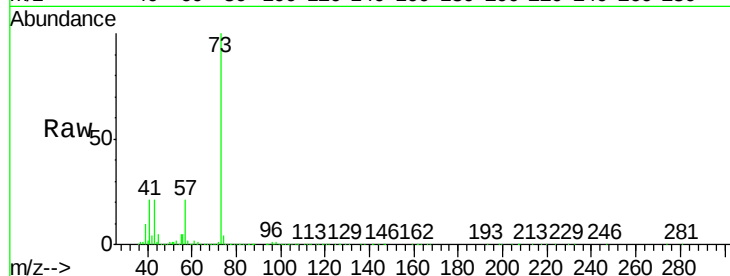




#19
Methvl tert-butvl Ether
Concen: 47.742 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007230.D
Acq: 25 Jan 2019 15:34

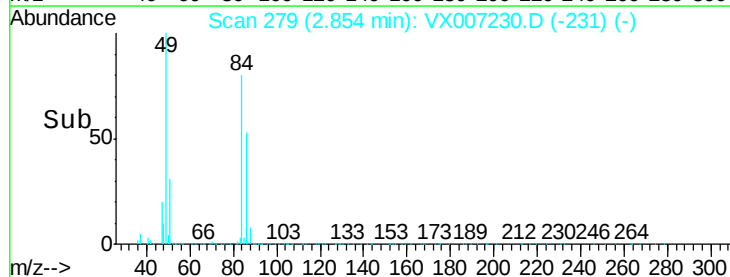
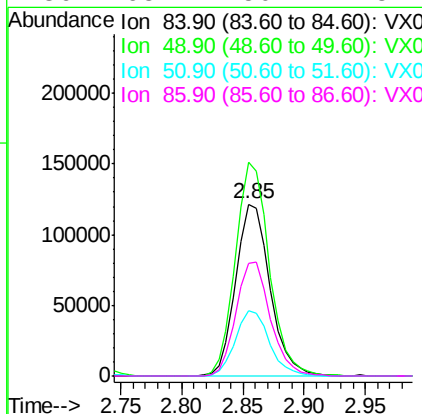
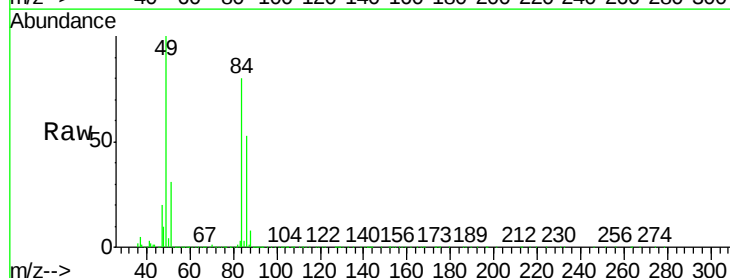
Instrument :
MSVOA_X
ClientSampleId :

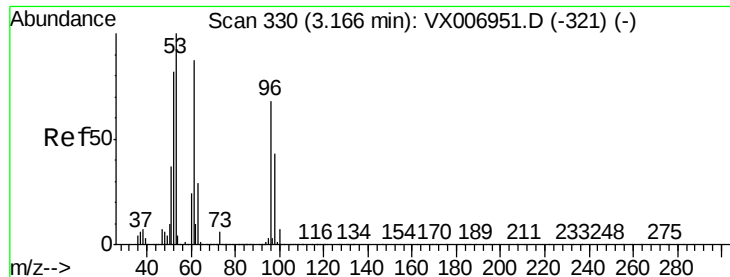
Tot Ion: 73 Resp: 760757
Ion Ratio Lower Upper
73 100
57 20.6 16.8 25.2



#20
Methylene Chloride
Concen: 48.228 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007230.D
Acq: 25 Jan 2019 15:34

Tgt Ion: 84 Resp: 236837
Ion Ratio Lower Upper
84 100
49 124.3 91.8 137.6
51 38.2 28.5 42.7
86 65.7 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 43.512 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :
MSVOA_X
ClientSampleId :

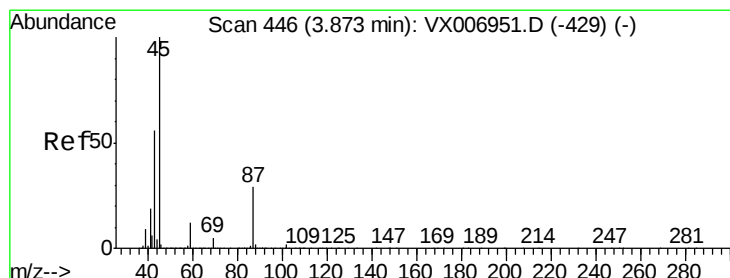
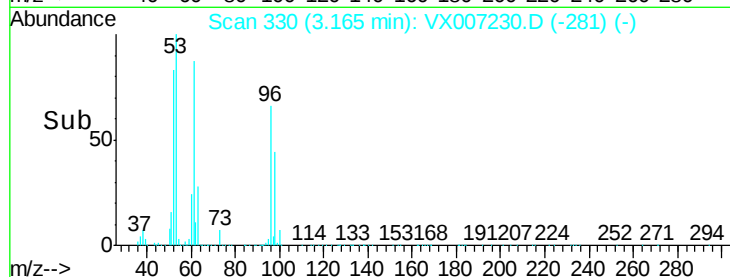
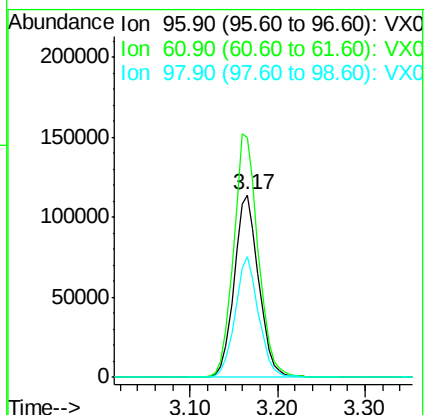
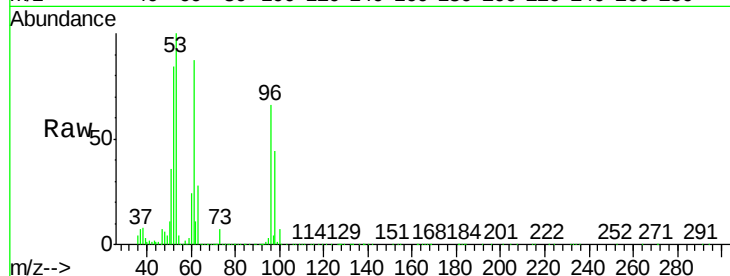
Tot Ion: 96 Resp: 222613

Ion Ratio Lower Upper

96 100

61 131.2 103.7 155.5

98 66.1 51.0 76.6



#22

Diisopropyl ether

Concen: 48.155 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Tgt Ion: 45 Resp: 712299

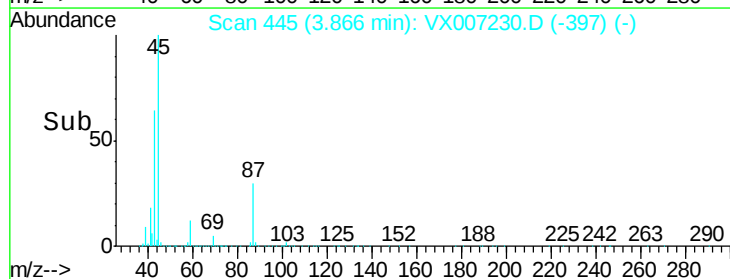
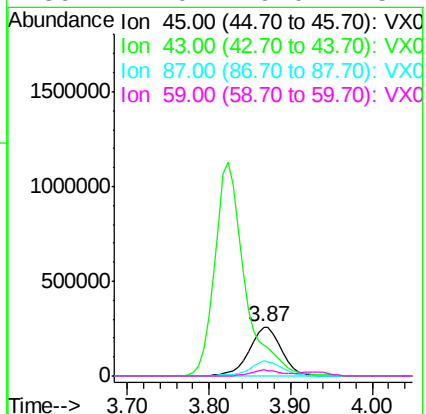
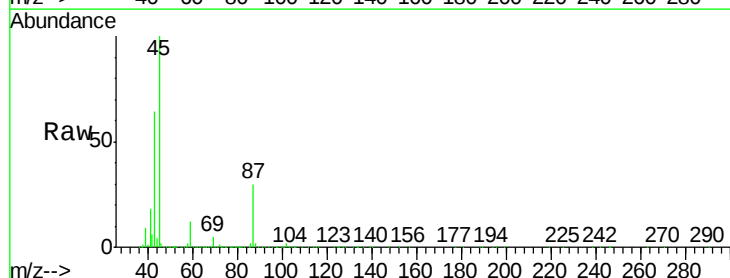
Ion Ratio Lower Upper

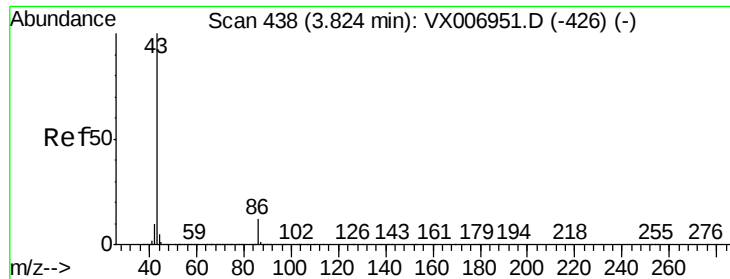
45 100

43 62.9 51.2 76.8

87 30.5 25.8 38.6

59 12.0 9.0 13.4





#23

Vinyl Acetate

Concen: 233.598 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

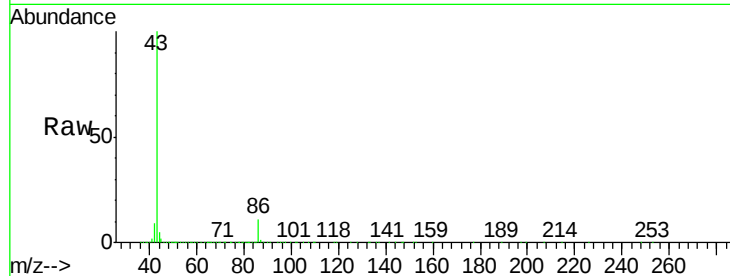
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 2913972

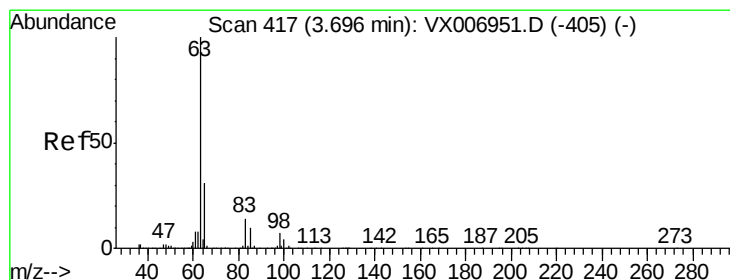
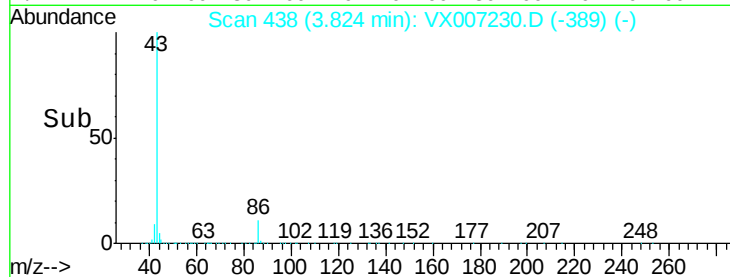
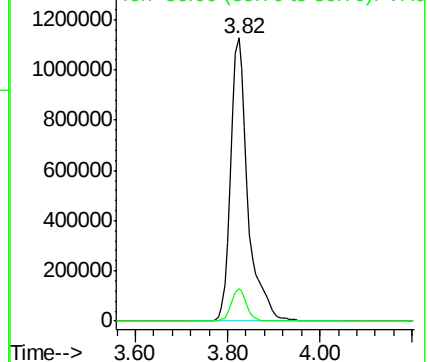
Ion Ratio Lower Upper

43 100

86 11.3 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.559 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

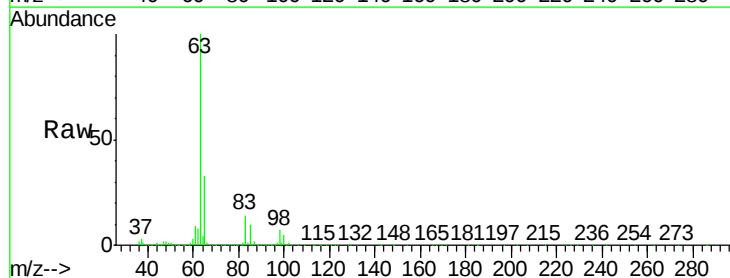
Tgt Ion: 63 Resp: 401632

Ion Ratio Lower Upper

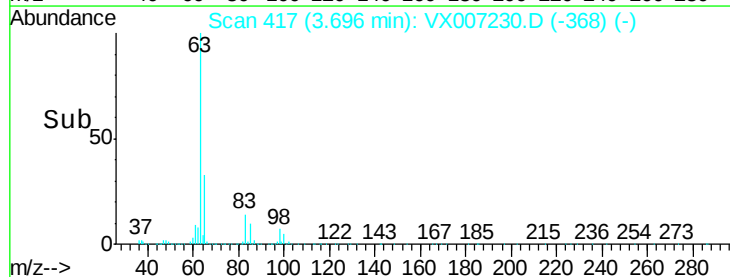
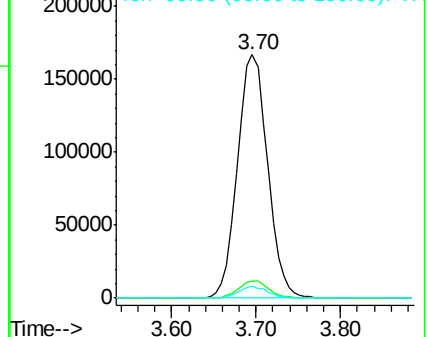
63 100

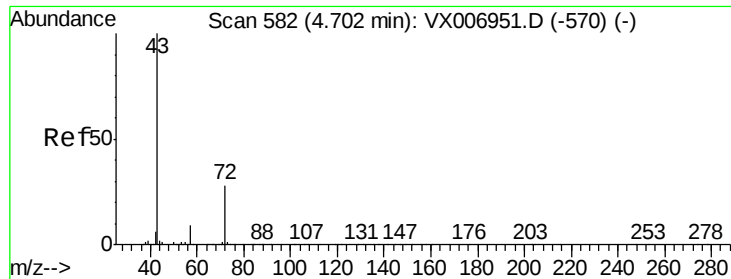
98 7.0 3.9 11.5

100 5.0 2.4 7.2



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: 241.341 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :

MSVOA_X

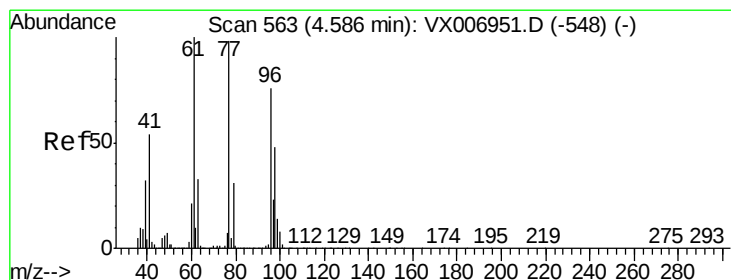
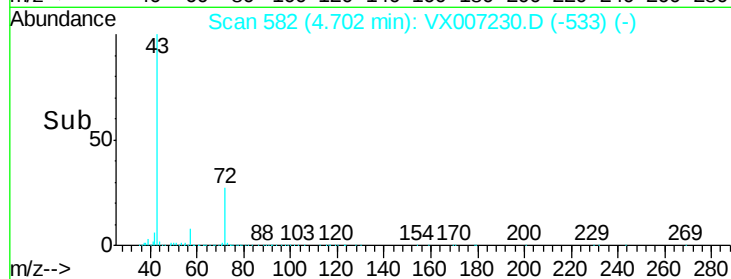
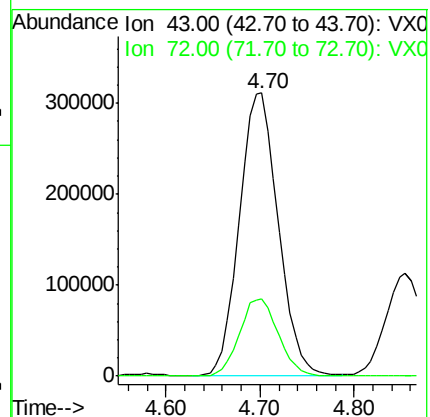
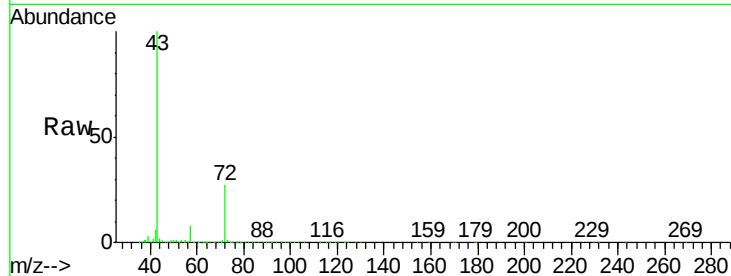
ClientSampleId :

Tot Ion: 43 Resp: 891212

Ion Ratio Lower Upper

43 100

72 27.2 22.4 33.6



#26

2,2-Dichloropropane

Concen: 48.399 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007230.D

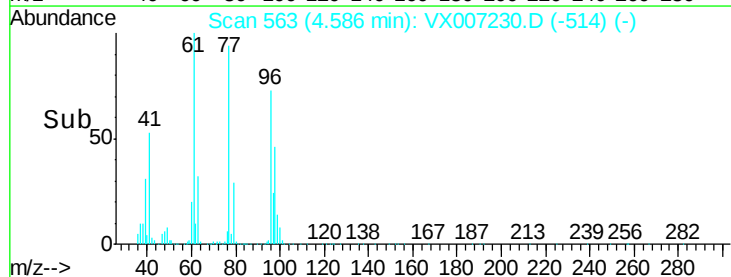
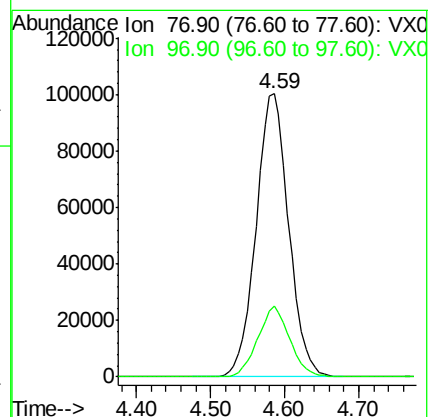
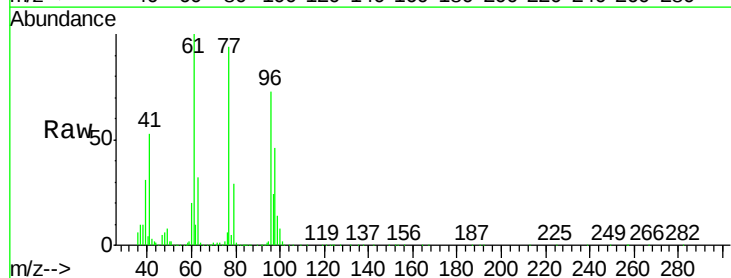
Acq: 25 Jan 2019 15:34

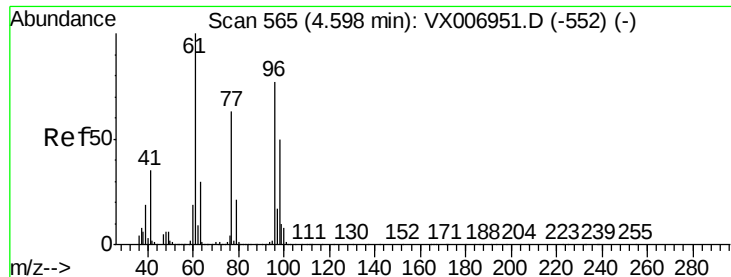
Tgt Ion: 77 Resp: 307825

Ion Ratio Lower Upper

77 100

97 24.6 12.4 37.4



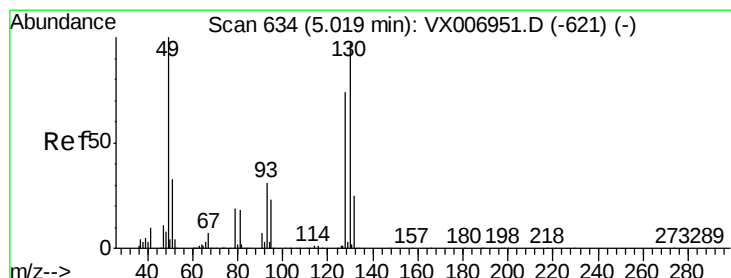
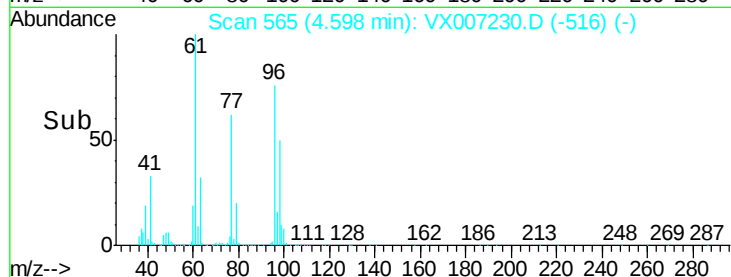
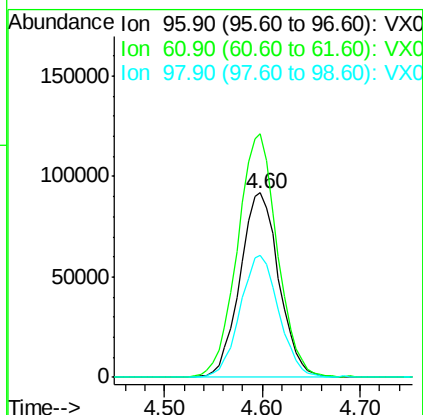
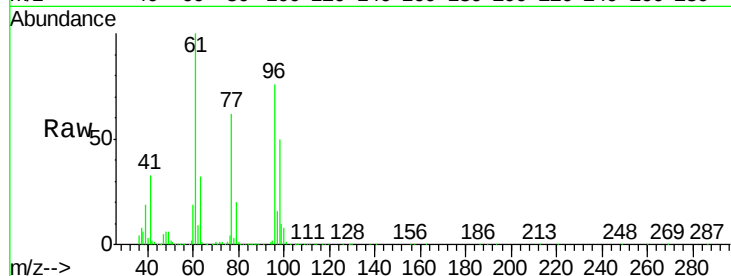


#27

cis-1,2-Dichloroethene
Concen: 45.036 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007230.D
Acq: 25 Jan 2019 15:34

Instrument :
MSVOA_X
ClientSampleId :

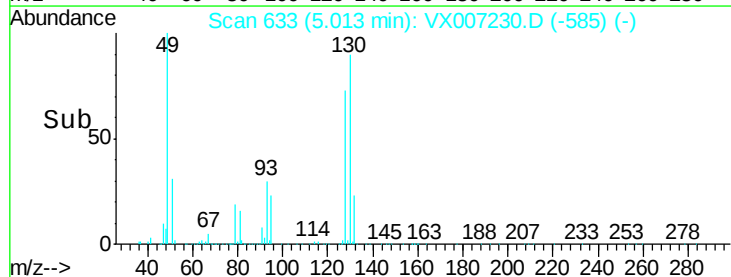
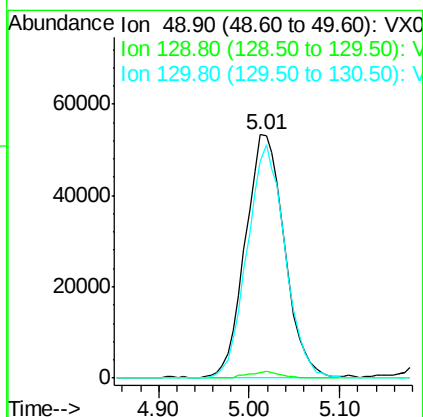
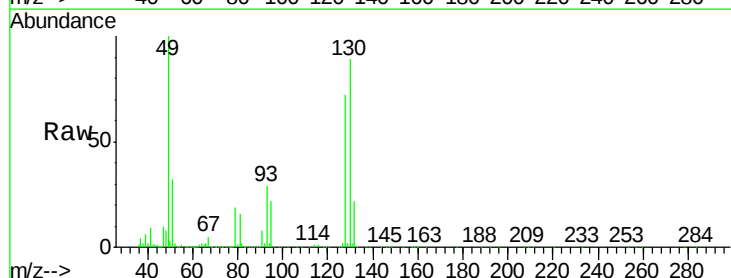
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.8	0.0	258.6
98	65.9	0.0	132.0

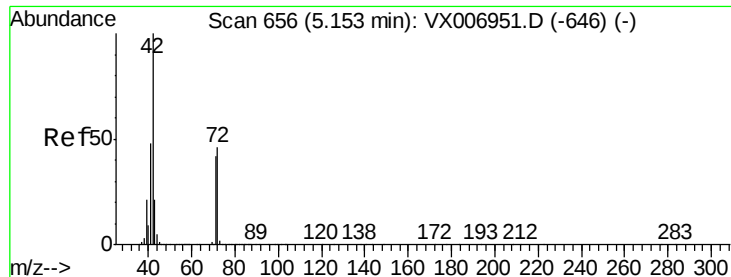


#28

Bromochloromethane
Concen: 43.975 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX007230.D
Acq: 25 Jan 2019 15:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.4
130	93.0	77.7	116.5





#29

Tetrahydrofuran

Concen: 233.915 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :

MSVOA_X

ClientSampled :

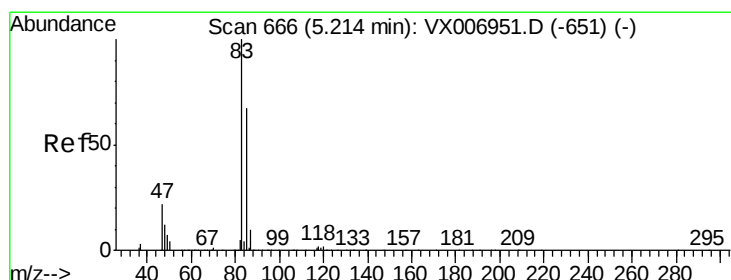
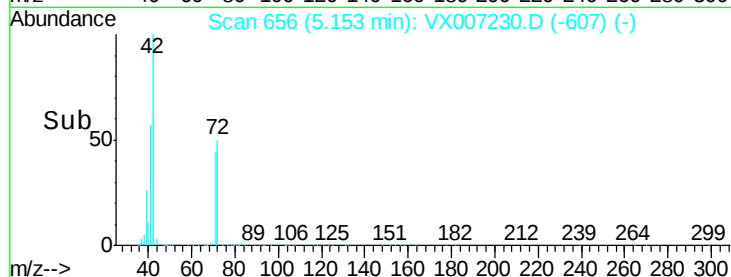
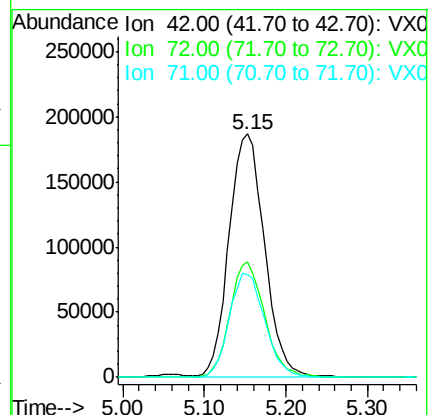
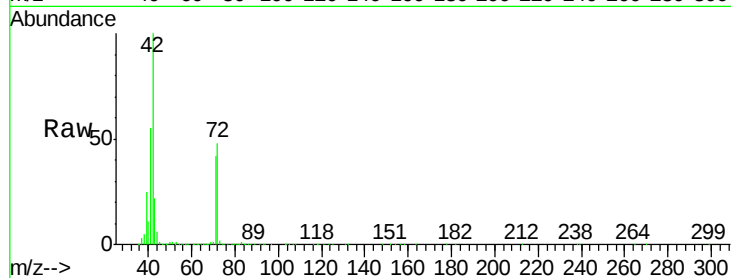
Tot Ion: 42 Resp: 561357

Ion Ratio Lower Upper

42 100

72 46.4 38.9 58.3

71 43.1 36.2 54.4



#30

Chloroform

Concen: 48.540 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007230.D

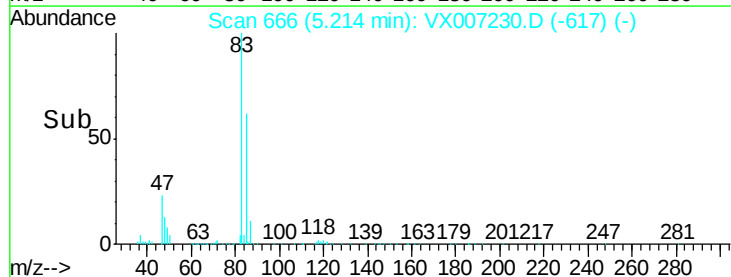
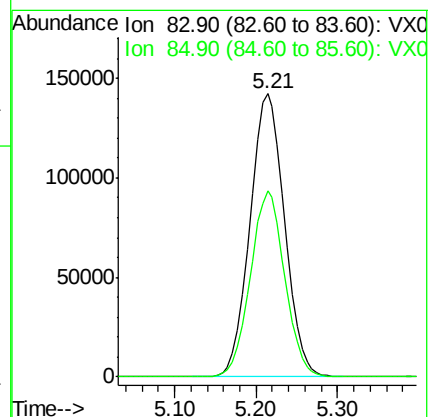
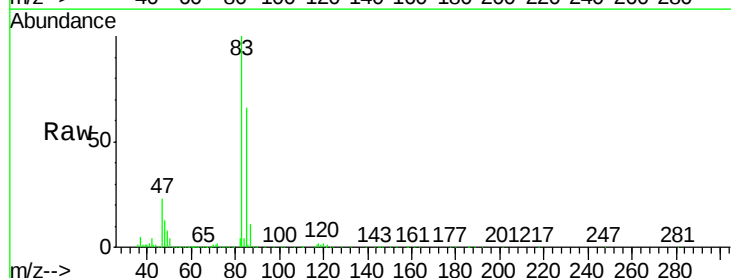
Acq: 25 Jan 2019 15:34

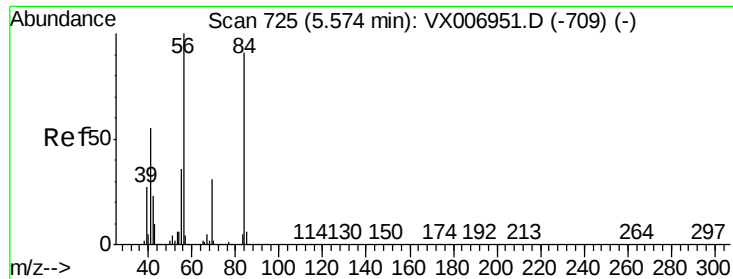
Tgt Ion: 83 Resp: 420349

Ion Ratio Lower Upper

83 100

85 65.4 51.2 76.8

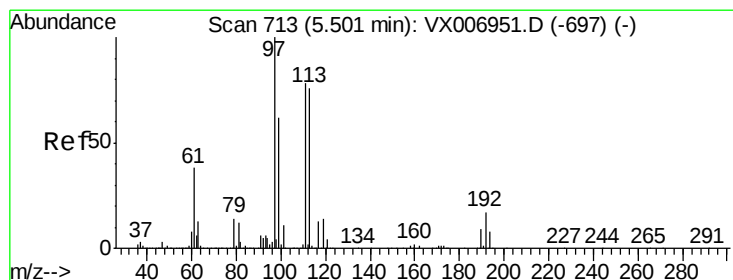
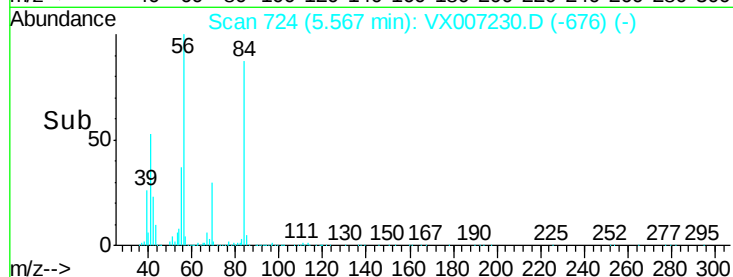
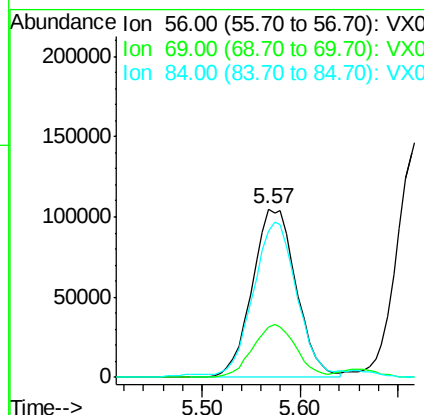
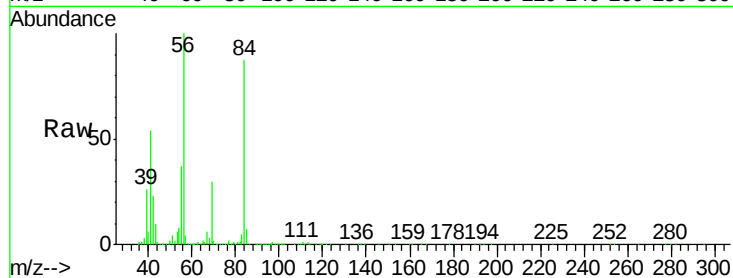




#31
Cyclohexane
Concen: 44.581 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX007230.D
Acq: 25 Jan 2019 15:34

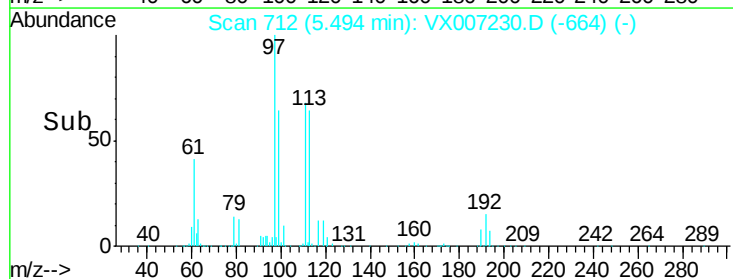
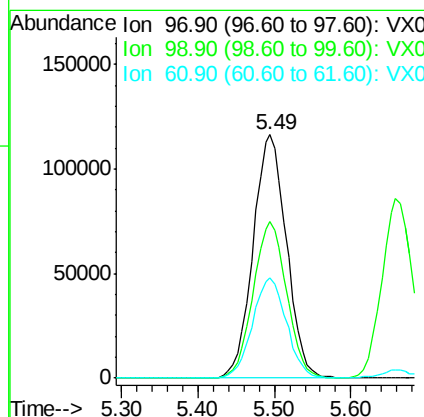
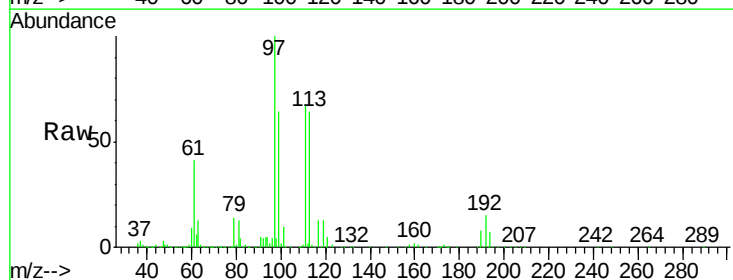
Instrument :
MSVOA_X
ClientSampleId :

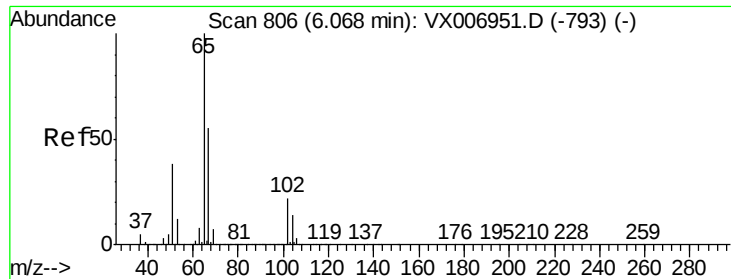
Tot Ion: 56 Resp: 328184
Ion Ratio Lower Upper
56 100
69 30.2 24.4 36.6
84 85.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 48.143 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007230.D
Acq: 25 Jan 2019 15:34

Tgt Ion: 97 Resp: 353372
Ion Ratio Lower Upper
97 100
99 64.7 51.7 77.5
61 41.6 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 48.989 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :

MSVOA_X

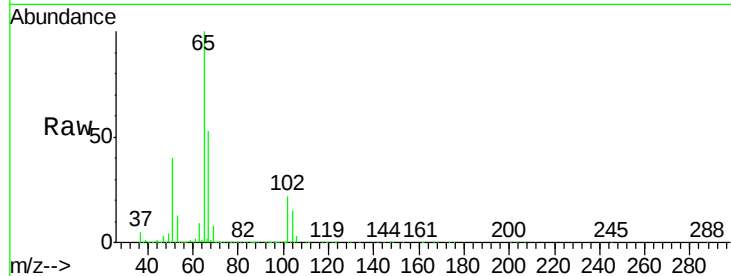
ClientSampleId :

Tot Ion: 65 Resp: 255744

Ion Ratio Lower Upper

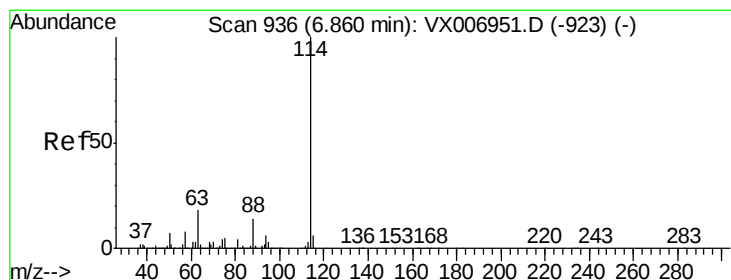
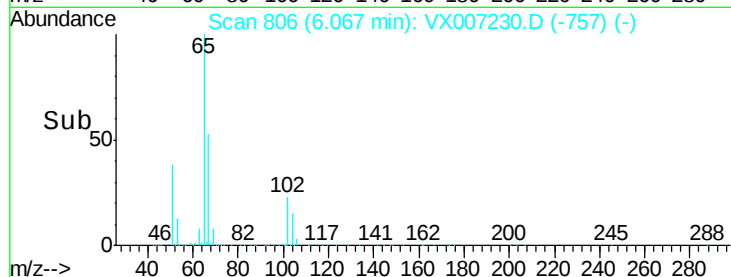
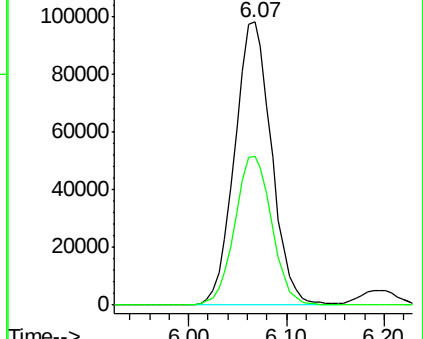
65 100

67 53.0 0.0 105.0



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: VX007230.D

Acq: 25 Jan 2019 15:34

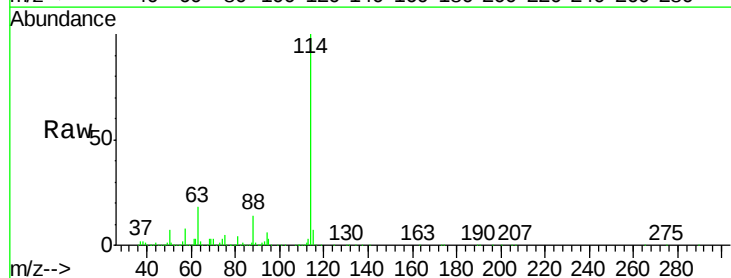
Tgt Ion: 114 Resp: 708383

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.8

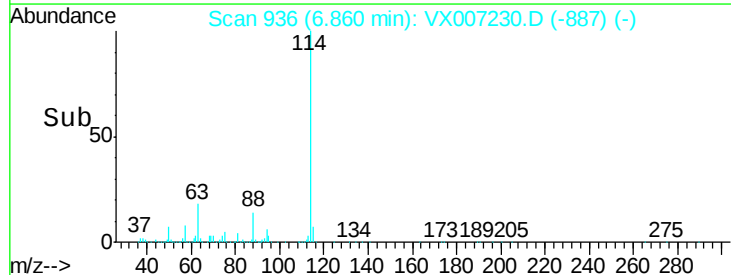
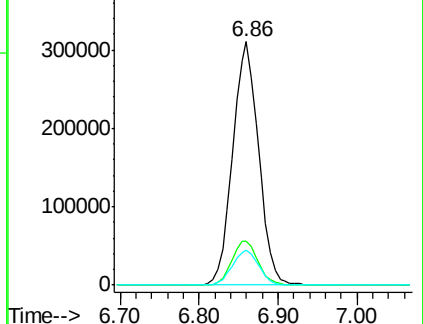
88 14.5 0.0 28.8

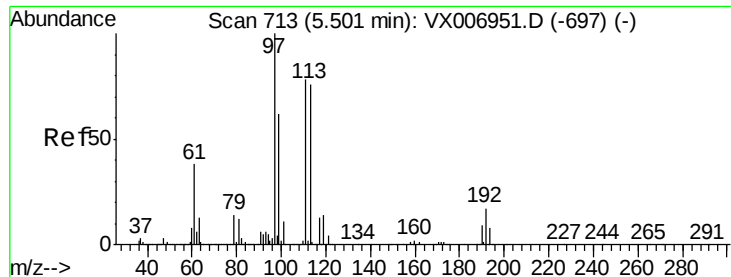


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.530 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :
MSVOA_X
ClientSampleId :

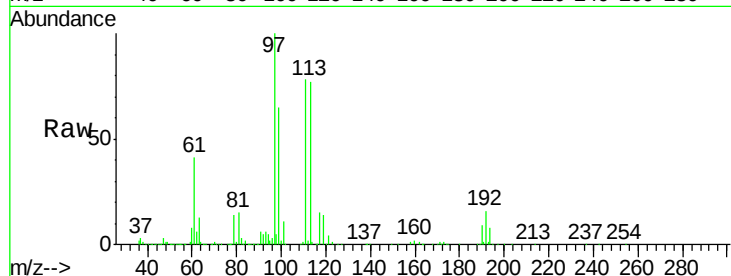
Tot Ion:113 Resp: 233763

Ion Ratio Lower Upper

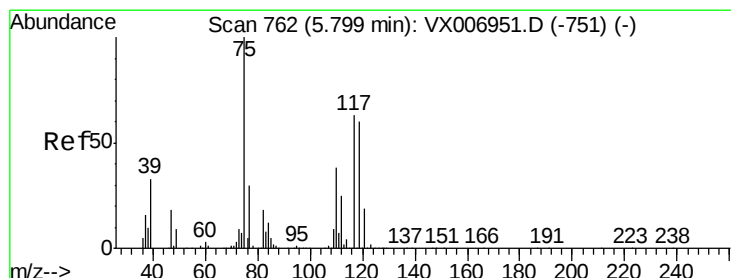
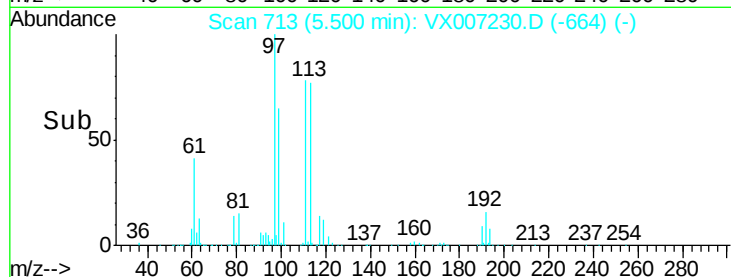
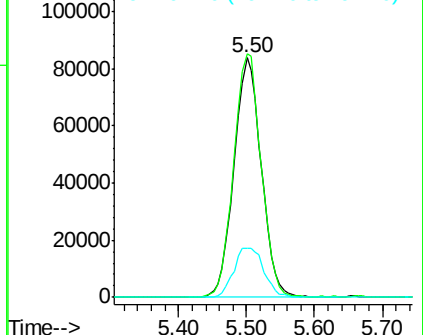
113 100

111 102.2 81.6 122.4

192 22.8 16.7 25.1



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: 47.610 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

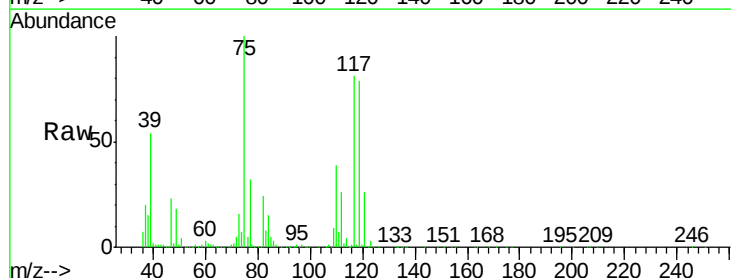
Tgt Ion: 75 Resp: 293223

Ion Ratio Lower Upper

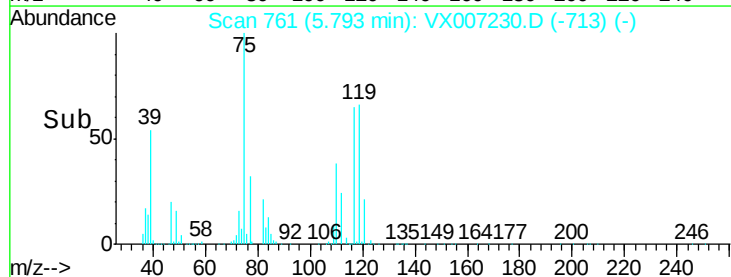
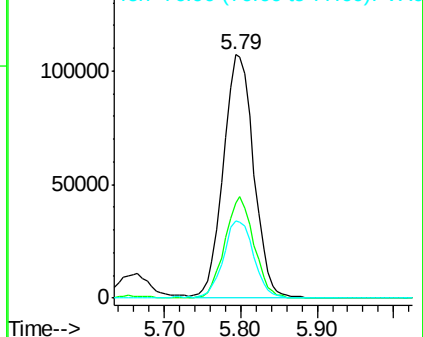
75 100

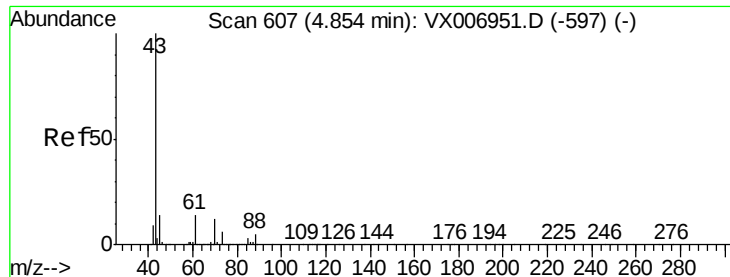
110 40.0 20.2 60.5

77 31.5 24.8 37.2



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

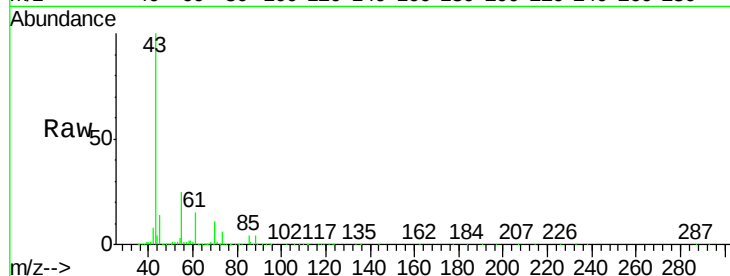




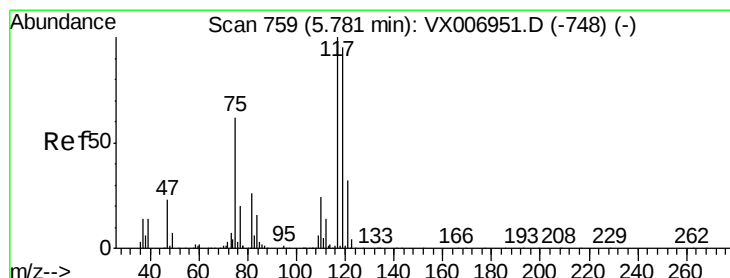
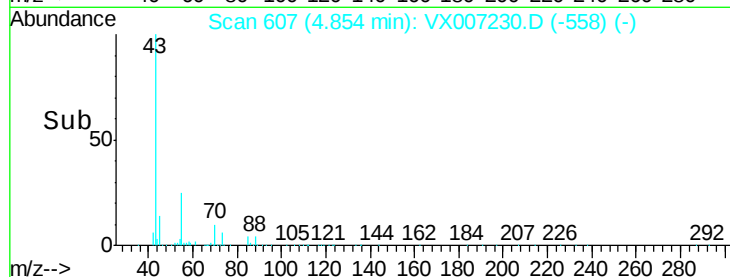
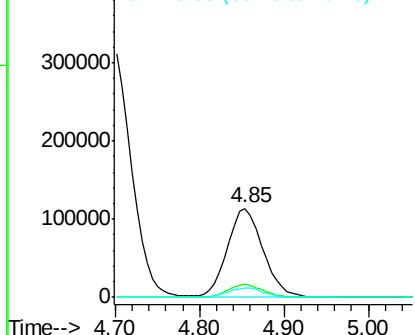
#37
Ethyl Acetate
Concen: 49.272 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007230.D
Acq: 25 Jan 2019 15:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	43	Resp	325333
Ion Ratio	Lower	Upper	
43	100		
61	14.3	11.9	17.9
70	10.6	9.7	14.5

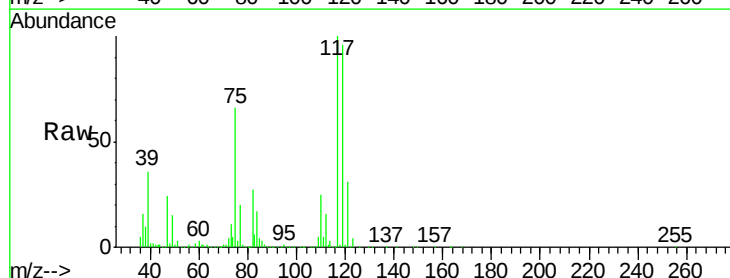


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

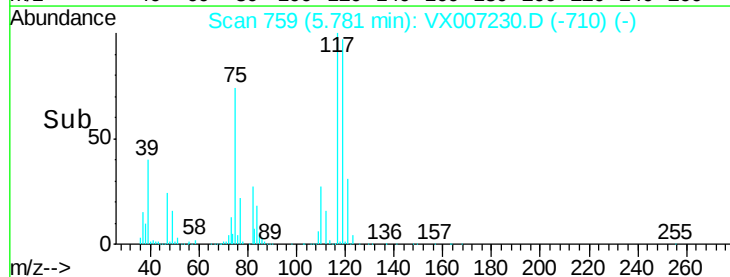
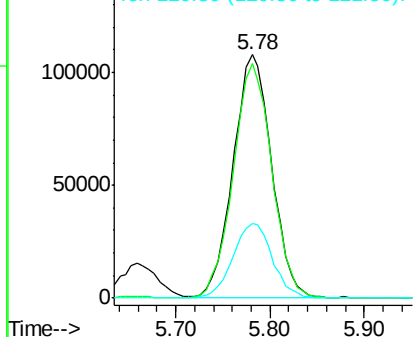


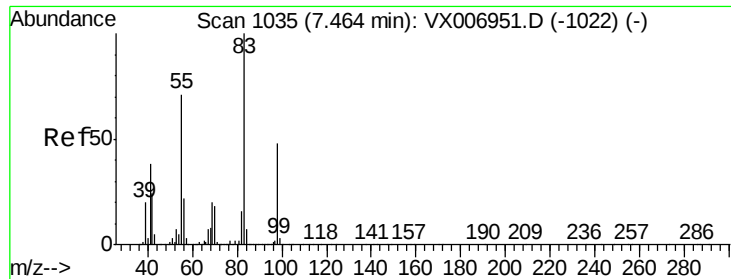
#38
Carbon Tetrachloride
Concen: 49.587 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007230.D
Acq: 25 Jan 2019 15:34

Tgt Ion	117	Resp	307263
Ion Ratio	Lower	Upper	
117	100		
119	96.3	79.4	119.2
121	31.0	24.0	36.0



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

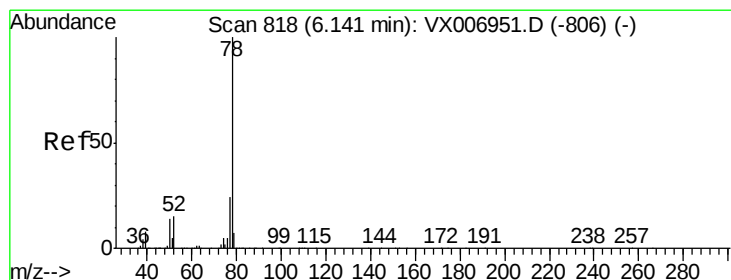
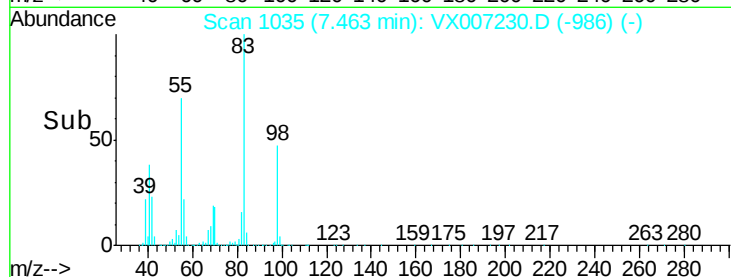
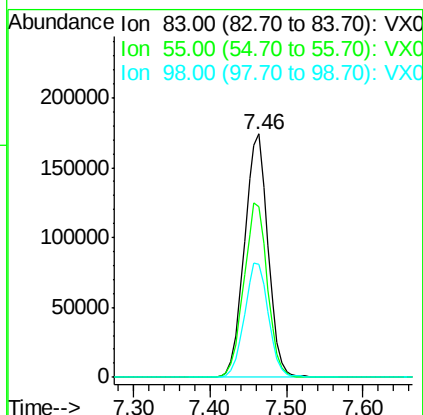
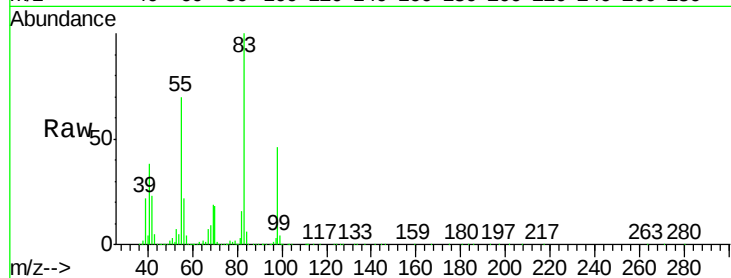




#39
Methvlcvclohexane
Concen: 47.182 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007230.D
Acq: 25 Jan 2019 15:34

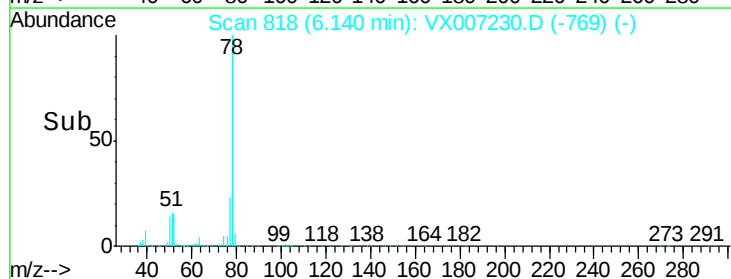
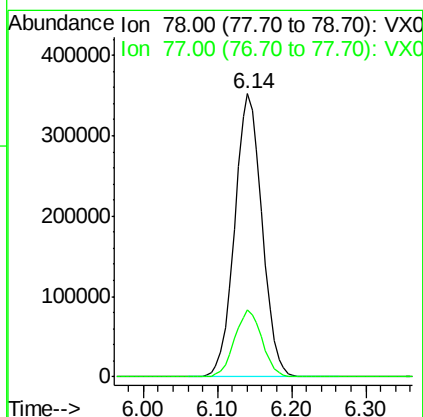
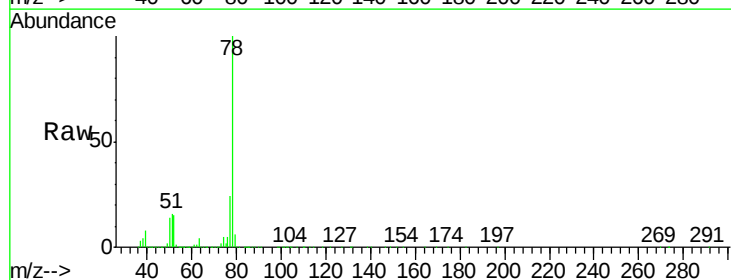
Instrument :
MSVOA_X
ClientSampled :

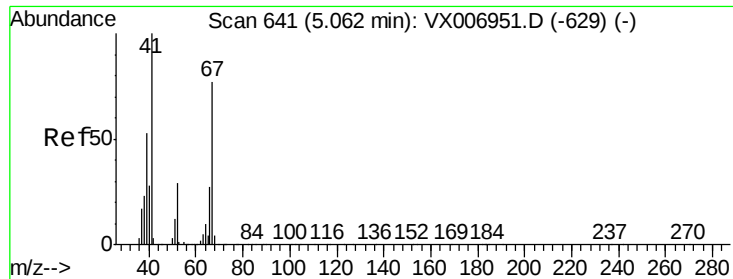
Tot Ion	83	Resp	370454
Ion Ratio	Lower	Upper	
83	100		
55	70.2	54.9	82.3
98	46.5	37.9	56.9



#40
Benzene
Concen: 48.242 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007230.D
Acq: 25 Jan 2019 15:34

Tgt Ion	78	Resp	906587
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.2	28.8





#41

Methacrylonitrile

Concen: 48.061 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 182812

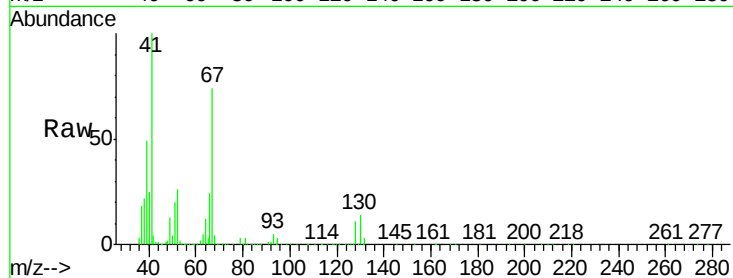
Ion Ratio Lower Upper

41 100

39 55.1 42.8 64.2

67 76.4 62.1 93.1

52 29.2 23.4 35.0

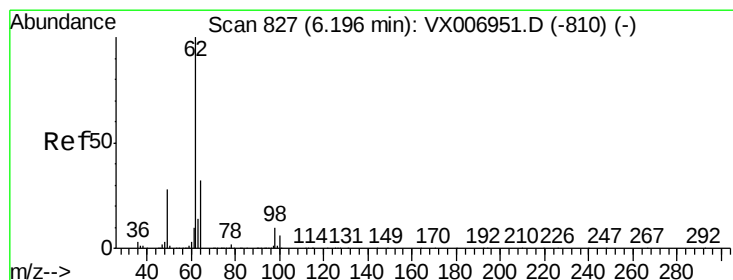
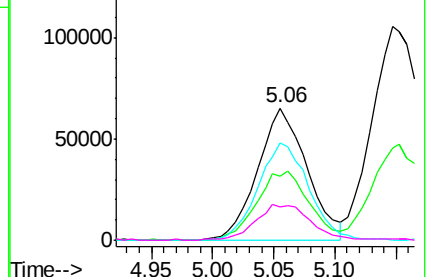
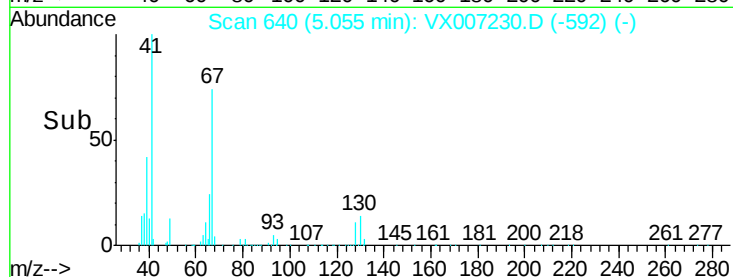


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.888 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007230.D

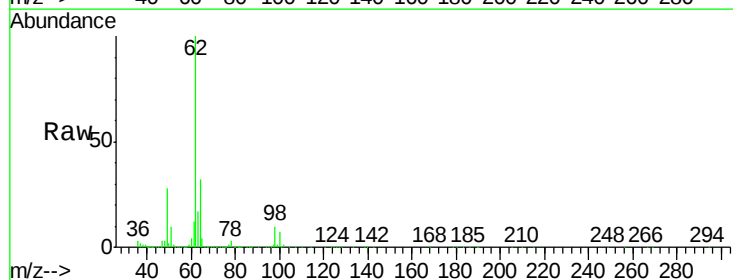
Acq: 25 Jan 2019 15:34

Tgt Ion: 62 Resp: 317475

Ion Ratio Lower Upper

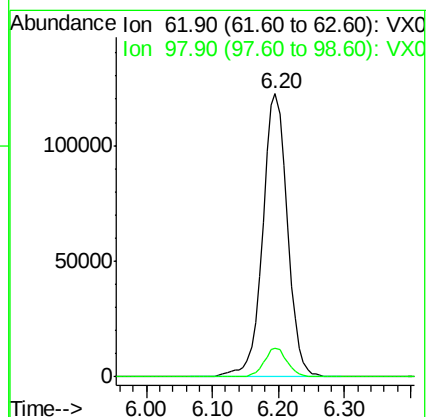
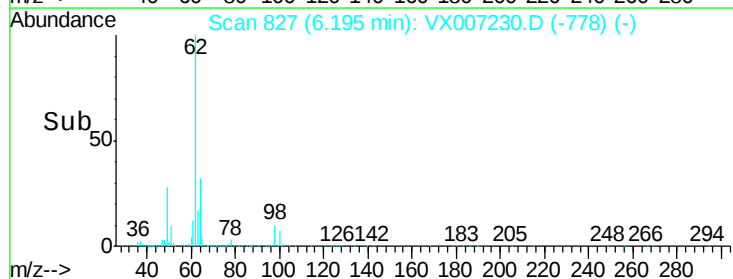
62 100

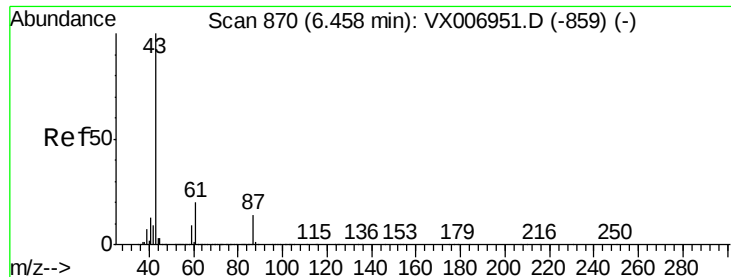
98 9.6 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



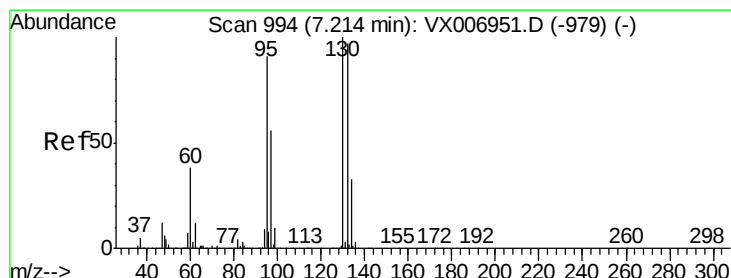
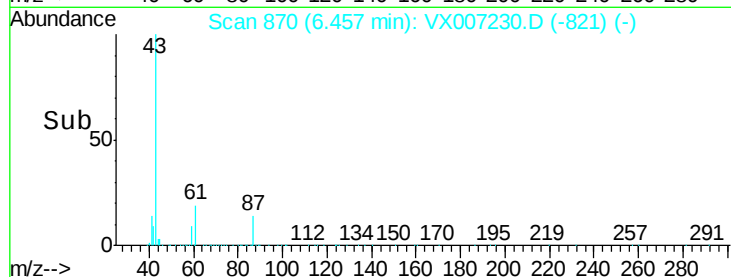
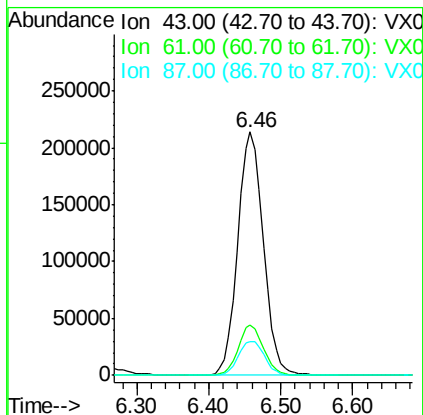
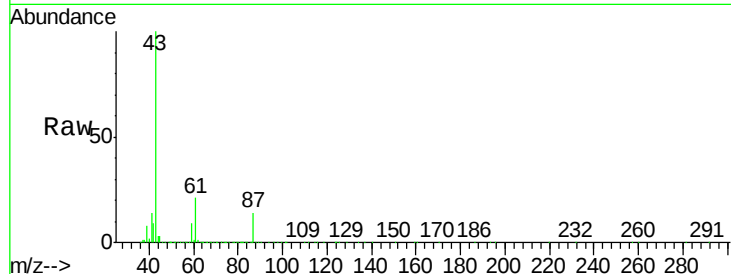


#43

Isopropyl Acetate
 Concen: 50.624 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007230.D
 Acq: 25 Jan 2019 15:34

Instrument :
 MSVOA_X
 ClientSampled :

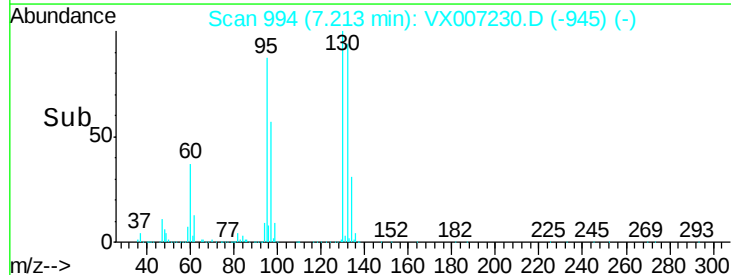
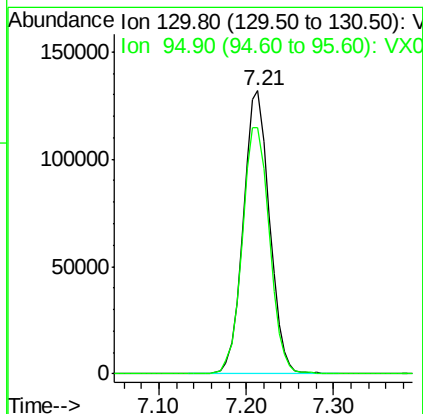
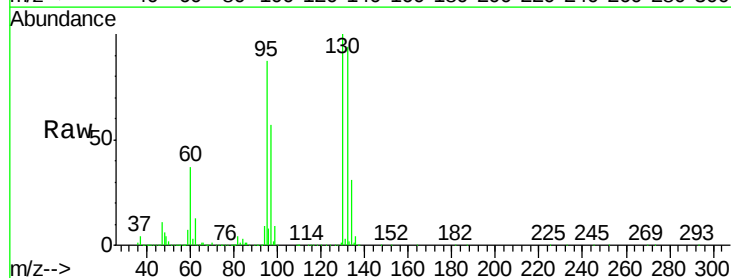
Tot Ion: 43 Resp: 527250
 Ion Ratio Lower Upper
 43 100
 61 20.5 16.8 25.2
 87 14.6 12.4 18.6

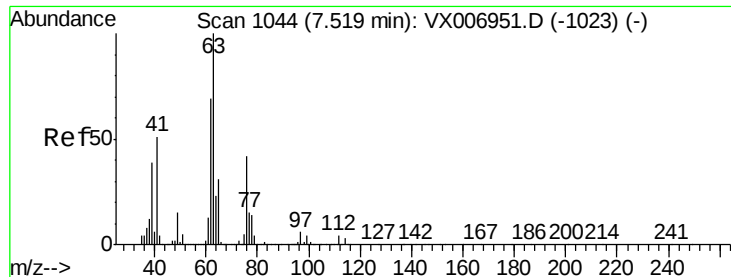


#44

Trichloroethene
 Concen: 48.747 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007230.D
 Acq: 25 Jan 2019 15:34

Tgt Ion:130 Resp: 274511
 Ion Ratio Lower Upper
 130 100
 95 87.1 0.0 187.0





#45

1,2-Dichloropropane

Concen: 49.960 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

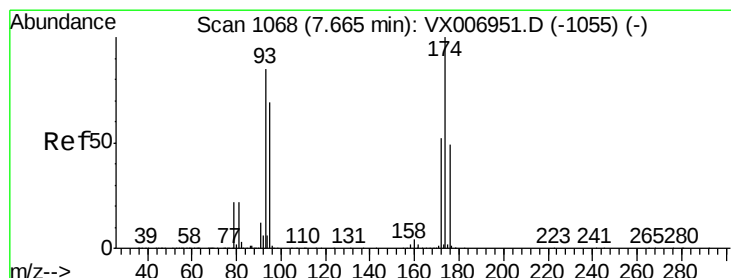
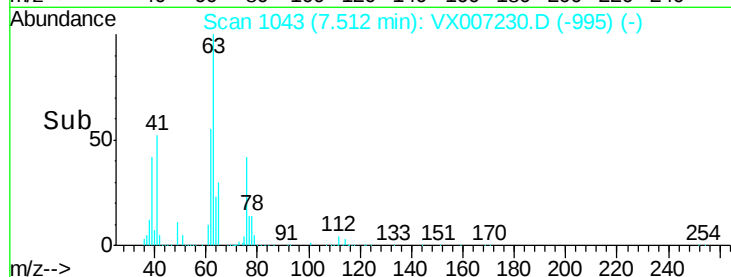
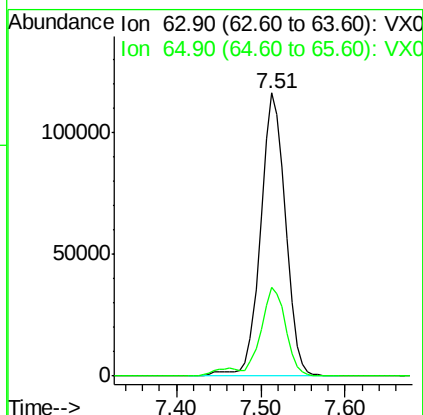
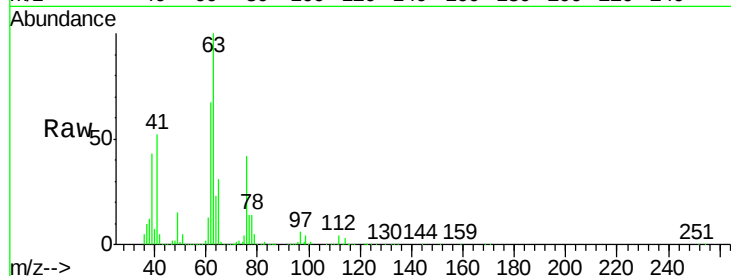
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 236037

Ion Ratio Lower Upper

63 100

65 31.2 25.4 38.0



#46

Dibromomethane

Concen: 49.588 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

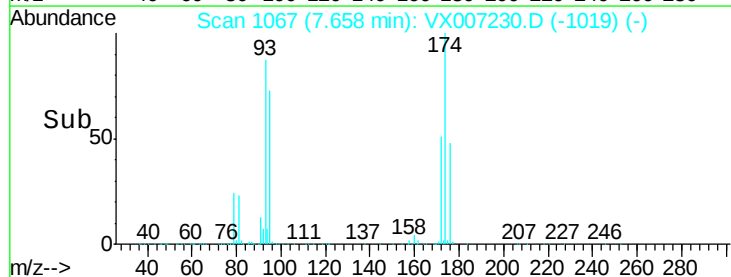
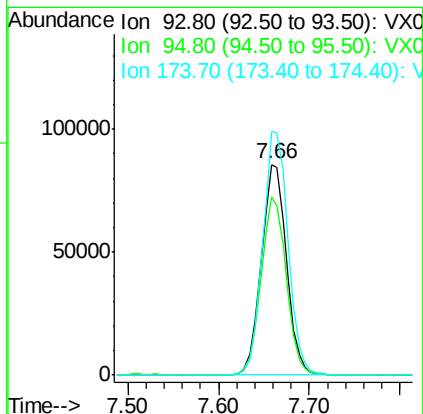
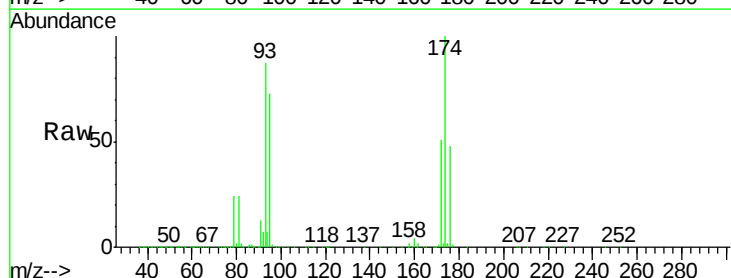
Tgt Ion: 93 Resp: 164652

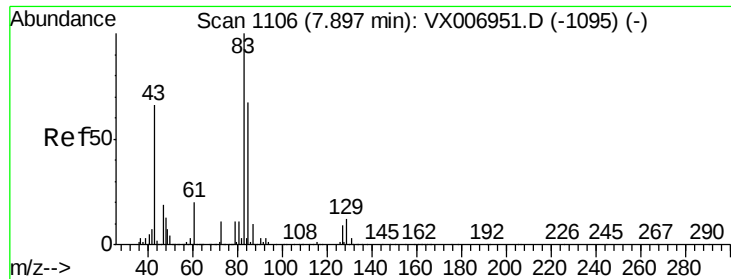
Ion Ratio Lower Upper

93 100

95 84.2 66.2 99.4

174 116.8 91.0 136.4





#47

Bromodichloromethane

Concen: 53.409 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :
MSVOA_X
ClientSampleId :

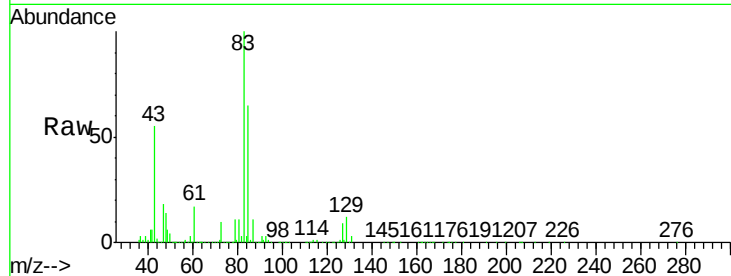
Tot Ion: 83 Resp: 301856

Ion Ratio Lower Upper

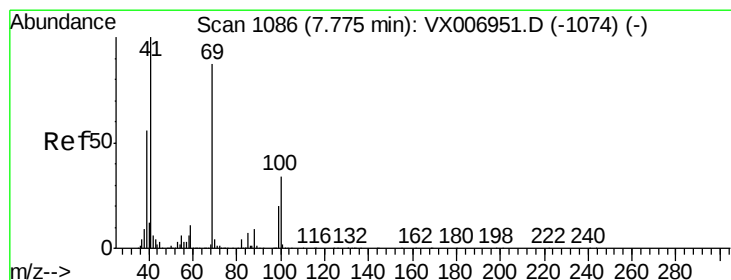
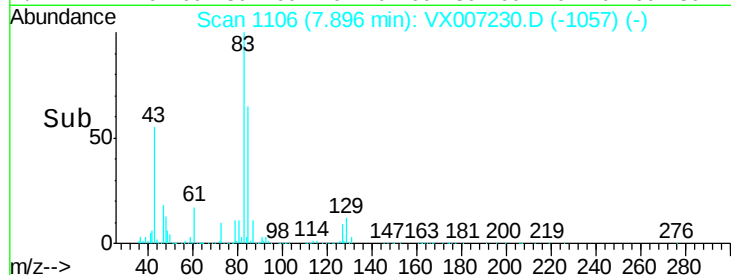
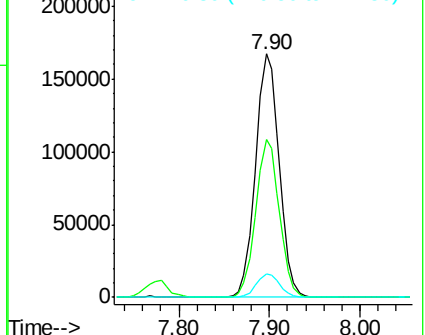
83 100

85 64.8 53.2 79.8

127 9.5 7.8 11.6



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



#48

Methyl methacrylate

Concen: 51.179 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

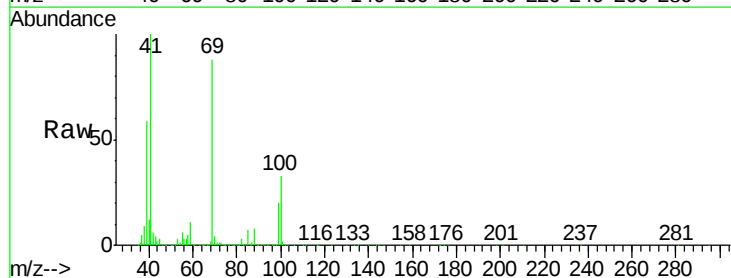
Tgt Ion: 41 Resp: 273731

Ion Ratio Lower Upper

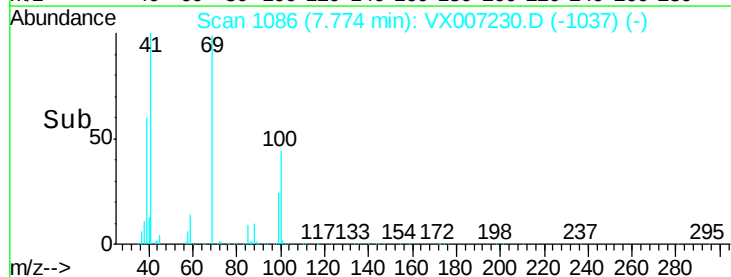
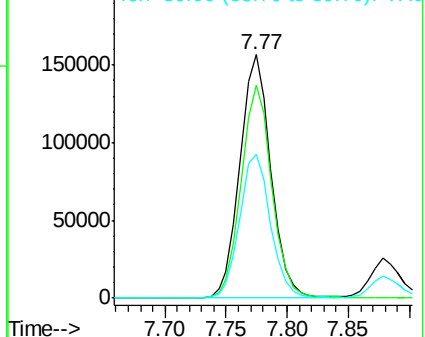
41 100

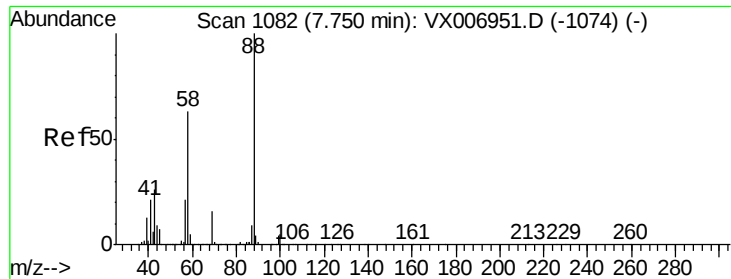
69 86.9 72.4 108.6

39 59.2 45.8 68.8



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





#49

1,4-Dioxane

Concen: 959.540 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :
MSVOA_X
ClientSampleId :

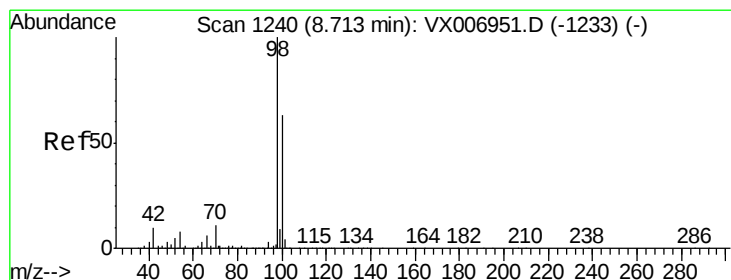
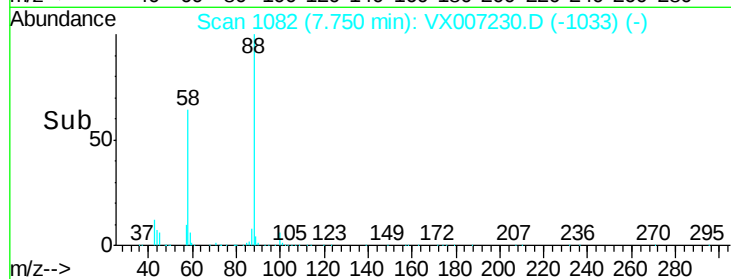
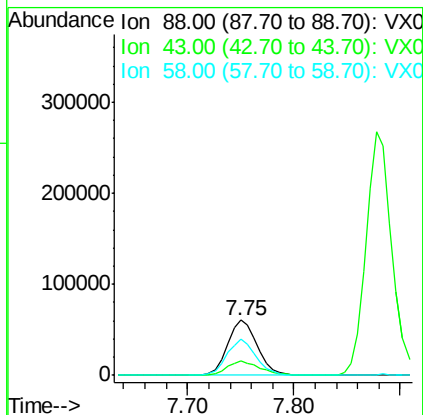
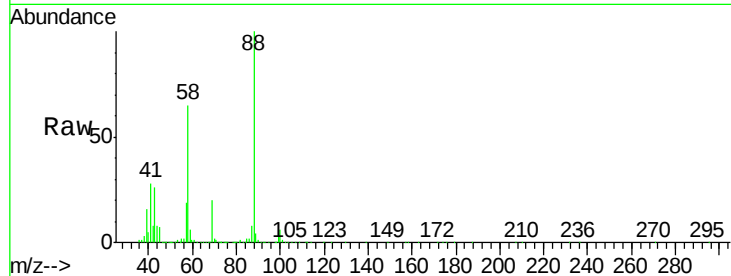
Tot Ion: 88 Resp: 117244

Ion Ratio Lower Upper

88 100

43 29.1 22.2 33.4

58 63.9 51.0 76.4



#50

Toluene-d8

Concen: 51.584 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007230.D

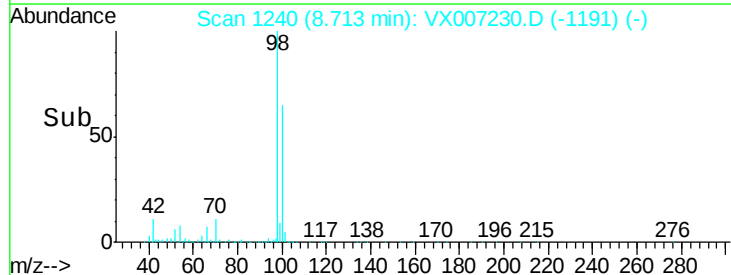
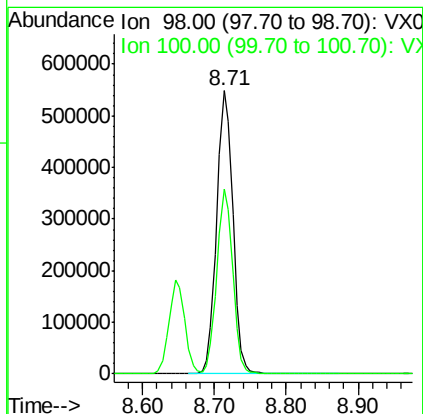
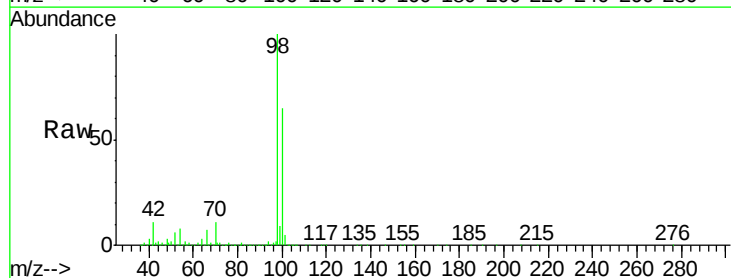
Acq: 25 Jan 2019 15:34

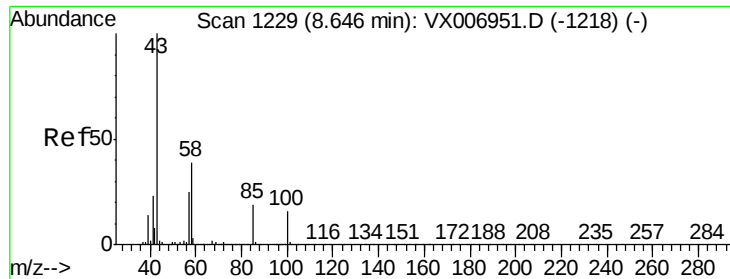
Tgt Ion: 98 Resp: 856538

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 260.447 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :

MSVOA_X

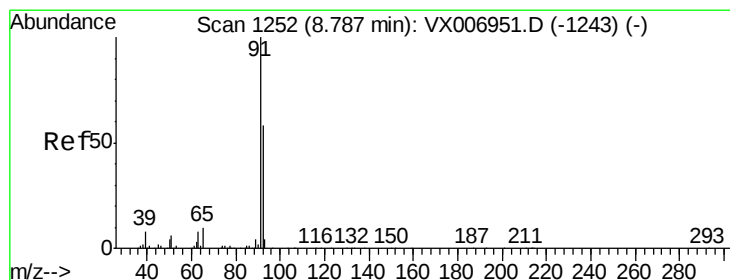
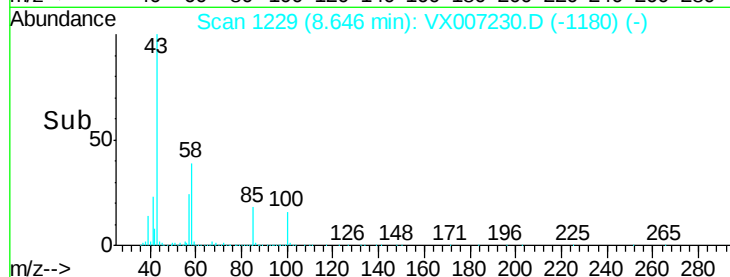
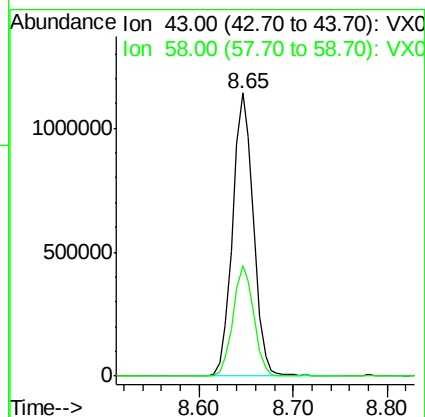
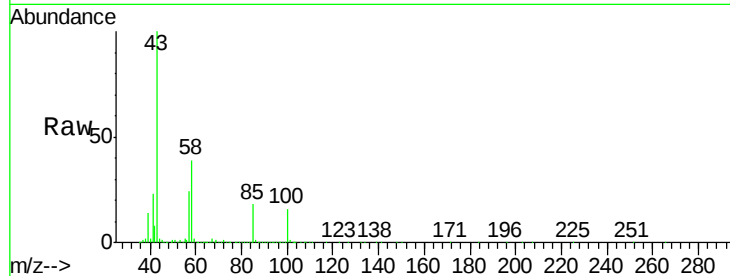
ClientSampled :

Tot Ion: 43 Resp: 1743252

Ion Ratio Lower Upper

43 100

58 38.9 31.8 47.6



#52

Toluene

Concen: 49.301 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007230.D

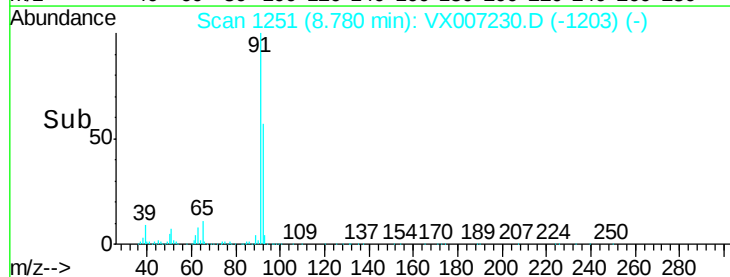
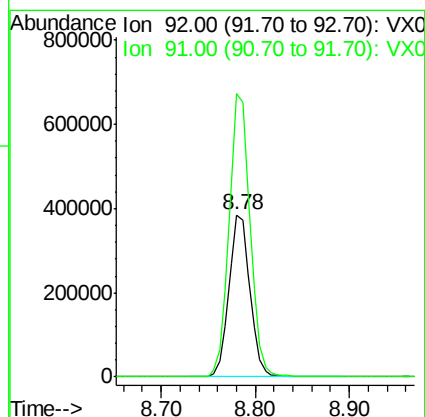
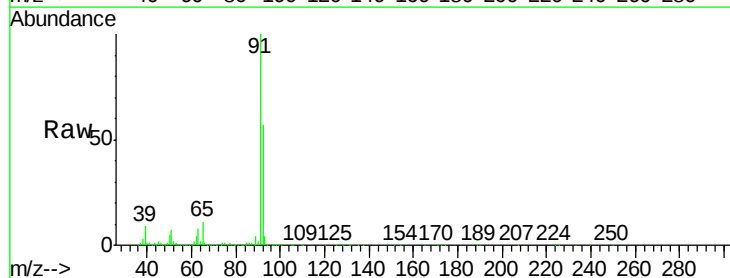
Acq: 25 Jan 2019 15:34

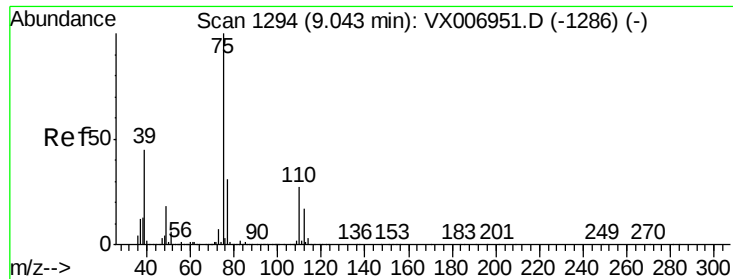
Tgt Ion: 92 Resp: 595486

Ion Ratio Lower Upper

92 100

91 175.0 137.6 206.4

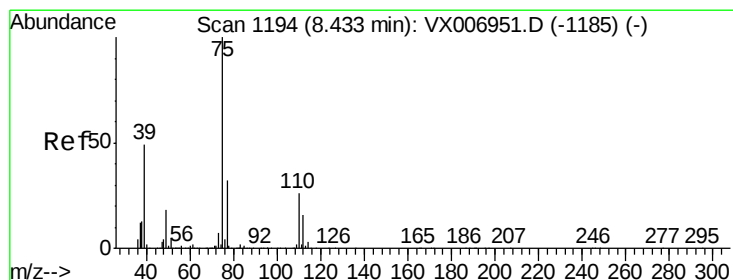
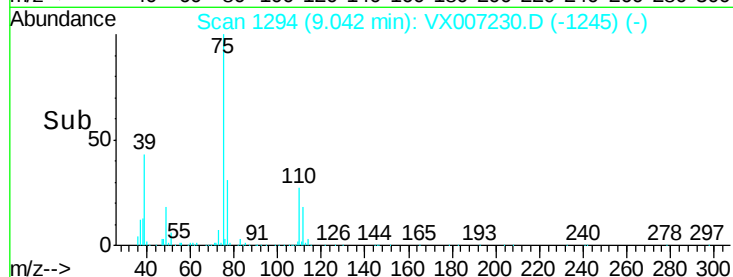
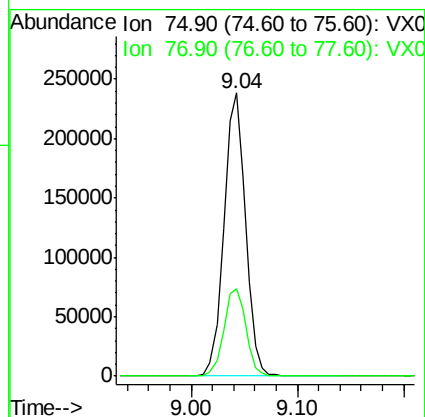
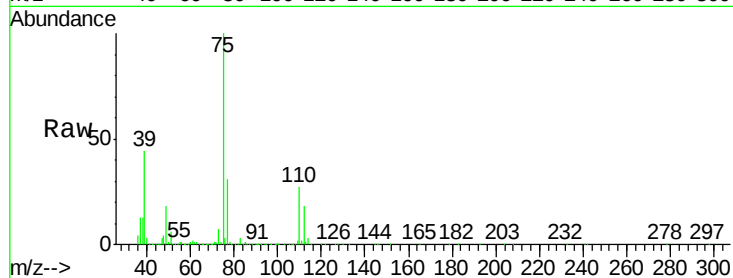




#53
 t-1,3-Dichloropropene
 Concen: 53.669 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX007230.D
 Acq: 25 Jan 2019 15:34

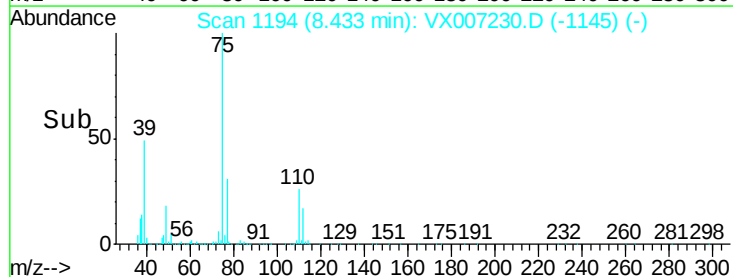
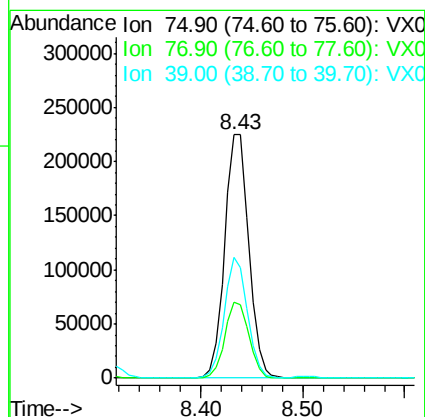
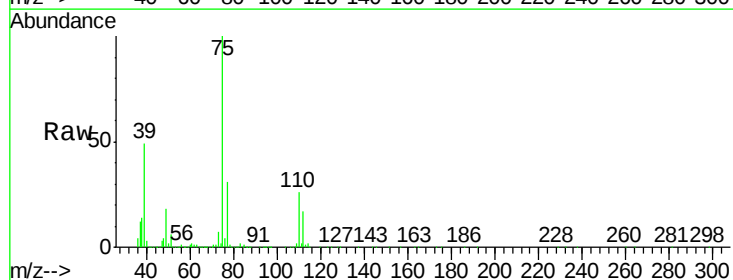
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 336348
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.310 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX007230.D
 Acq: 25 Jan 2019 15:34

Tgt Ion: 75 Resp: 368959
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.2 39.2
 39 49.2 36.7 55.1

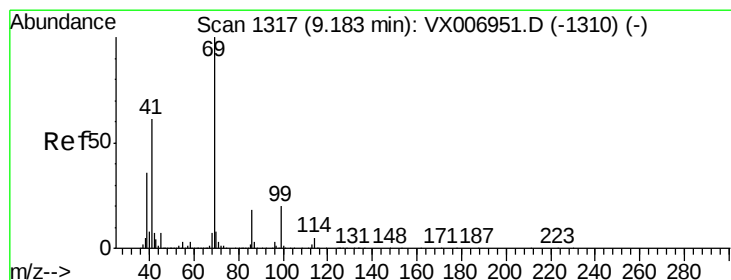
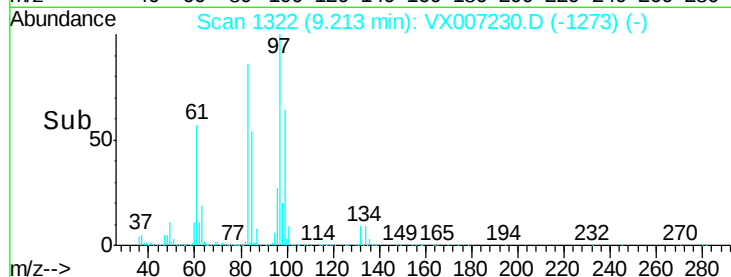
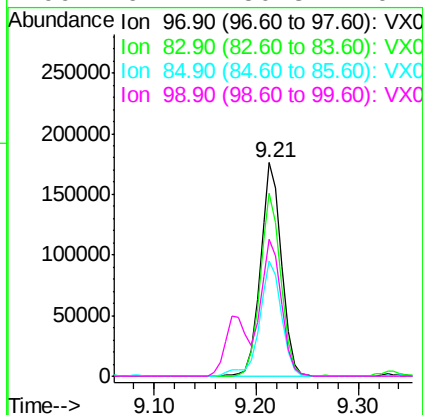
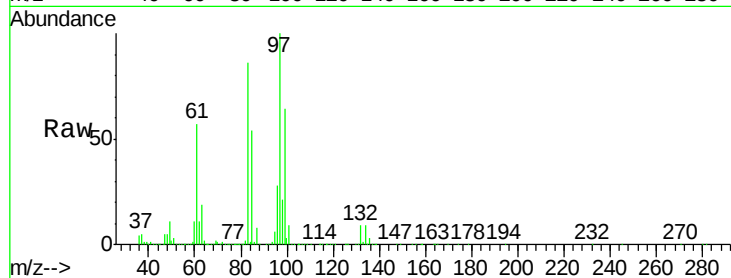




#55
 1,1,2-Trichloroethane
 Concen: 52.543 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007230.D
 Acq: 25 Jan 2019 15:34

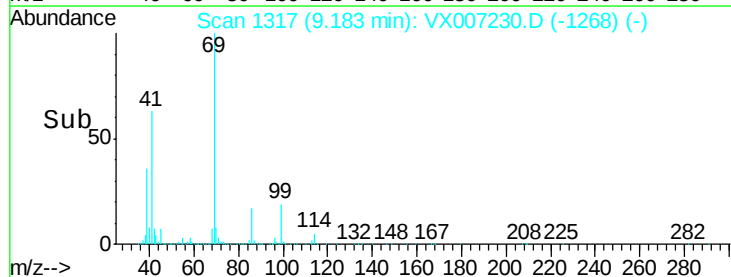
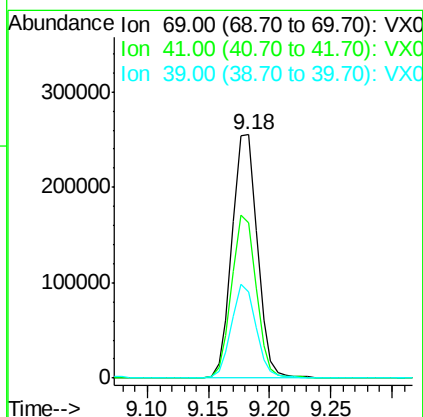
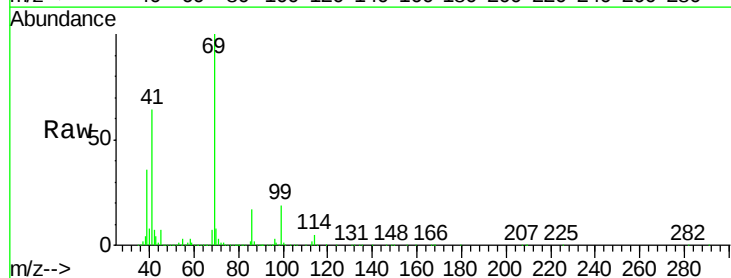
Instrument :
 MSVOA_X
 ClientSampleId :

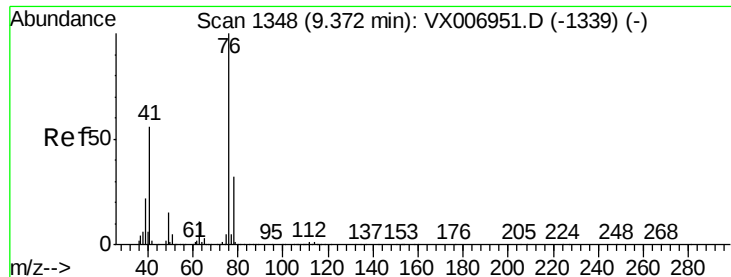
Tot Ion:	97	Resp:	254024
Ion	Ratio	Lower	Upper
97	100		
83	86.0	66.6	99.8
85	54.2	42.7	64.1
99	64.4	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 52.028 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX007230.D
 Acq: 25 Jan 2019 15:34

Tgt Ion:	69	Resp:	367204
Ion	Ratio	Lower	Upper
69	100		
41	64.7	48.7	73.1
39	37.0	27.0	40.6





#57

1,3-Dichloropropane

Concen: 51.411 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :

MSVOA_X

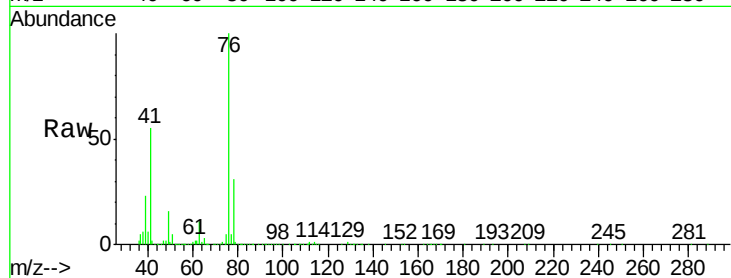
ClientSampleId :

Tot Ion: 76 Resp: 407196

Ion Ratio Lower Upper

76 100

78 31.7 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

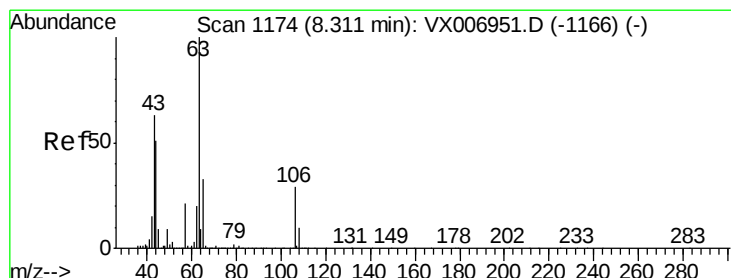
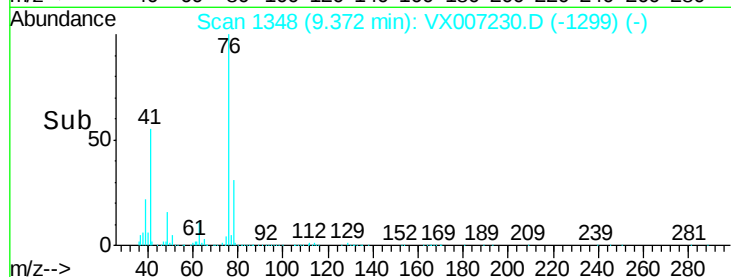
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 262.488 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007230.D

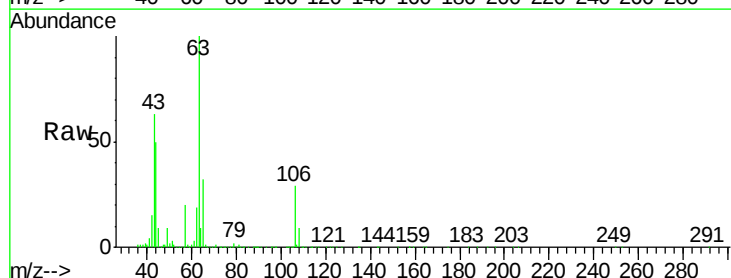
Acq: 25 Jan 2019 15:34

Tgt Ion: 63 Resp: 952530

Ion Ratio Lower Upper

63 100

106 29.9 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

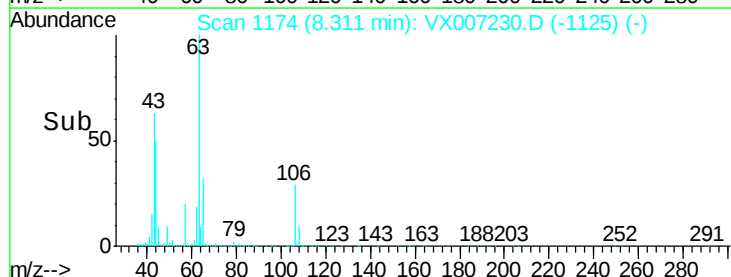
600000

400000

200000

0

Time-->

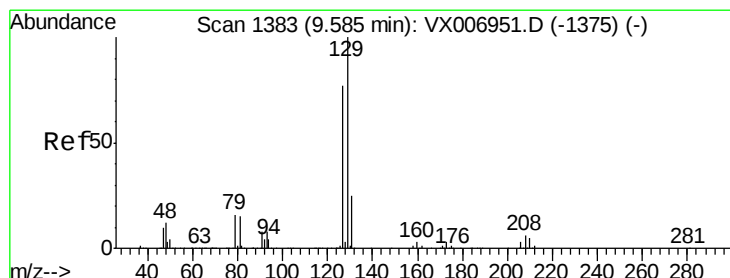
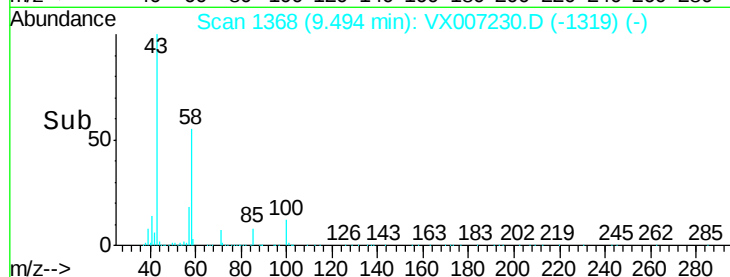
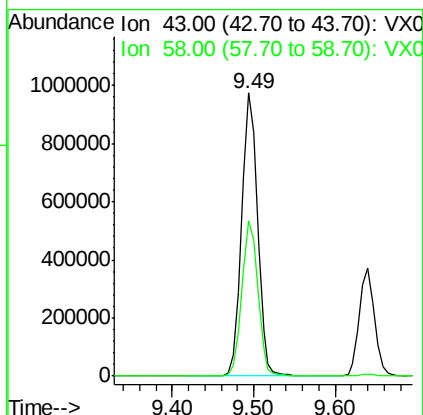
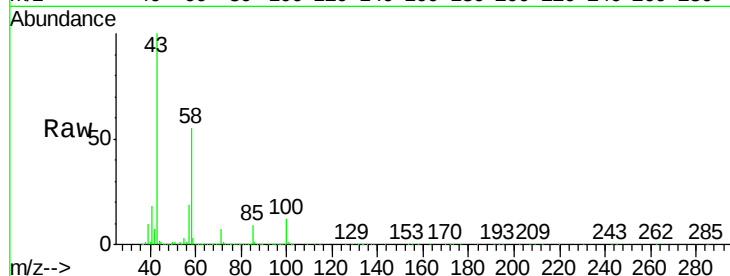




#59
2-Hexanone
Concen: 256.035 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007230.D
Acq: 25 Jan 2019 15:34

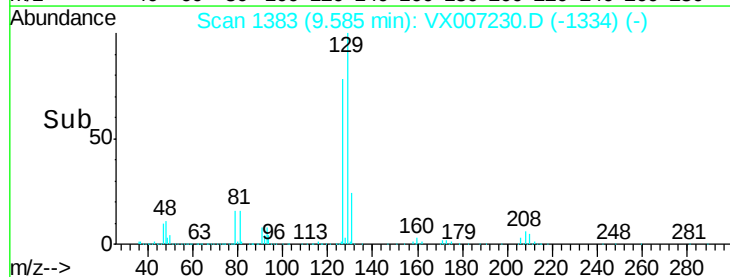
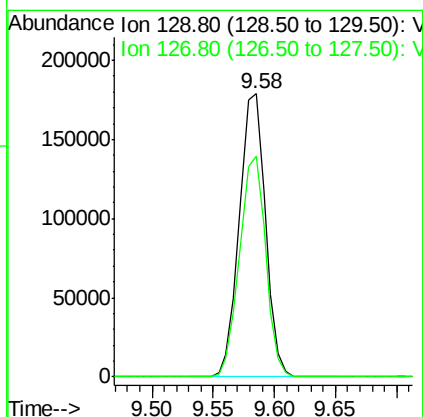
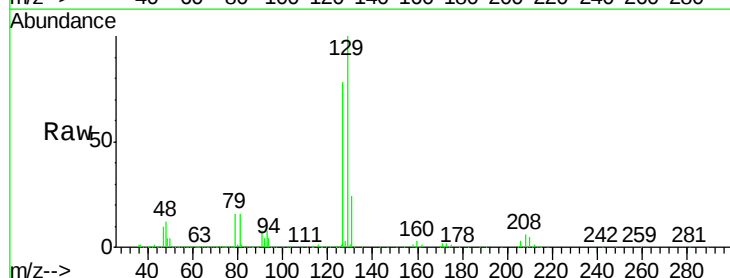
Instrument :
MSVOA_X
ClientSampleId :

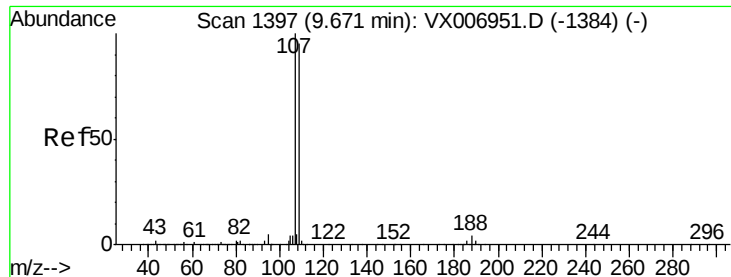
Tot Ion: 43 Resp: 1305955
Ion Ratio Lower Upper
43 100
58 55.1 27.7 83.1



#60
Dibromochloromethane
Concen: 56.560 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007230.D
Acq: 25 Jan 2019 15:34

Tgt Ion: 129 Resp: 265524
Ion Ratio Lower Upper
129 100
127 77.9 39.3 117.8





#61

1,2-Dibromoethane

Concen: 51.988 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :

MSVOA_X

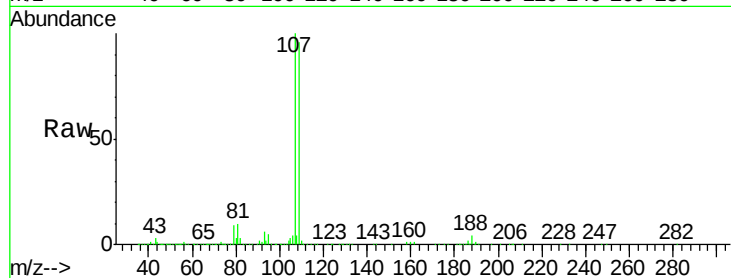
ClientSampleId :

Tot Ion:107 Resp: 276697

Ion Ratio Lower Upper

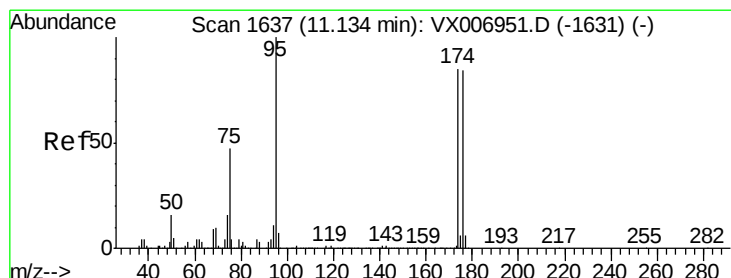
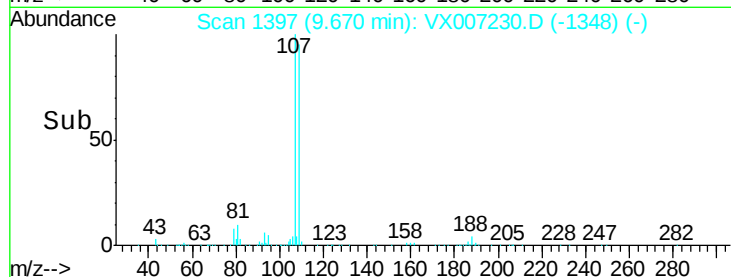
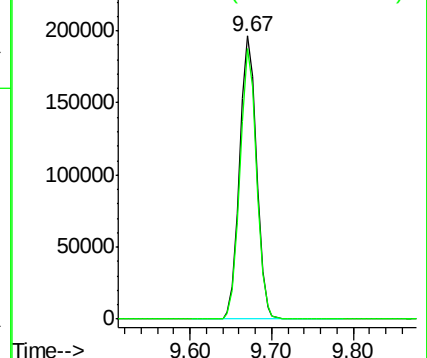
107 100

109 93.5 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: 53.672 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

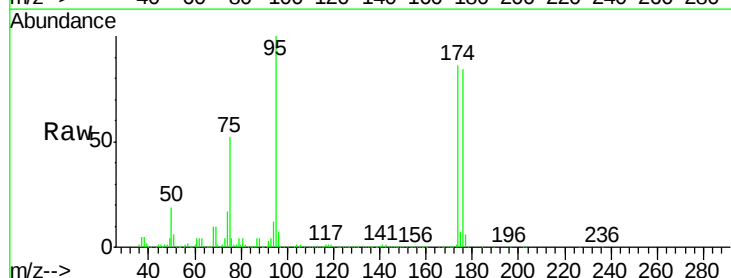
Tgt Ion: 95 Resp: 310701

Ion Ratio Lower Upper

95 100

174 94.7 0.0 182.2

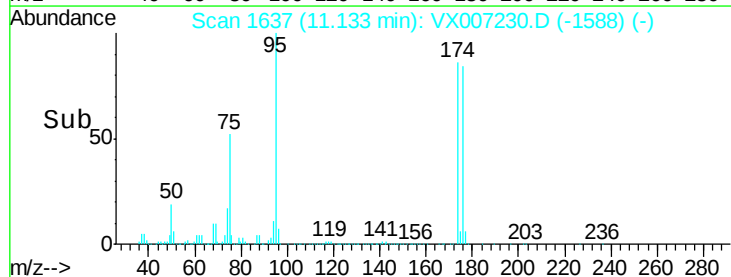
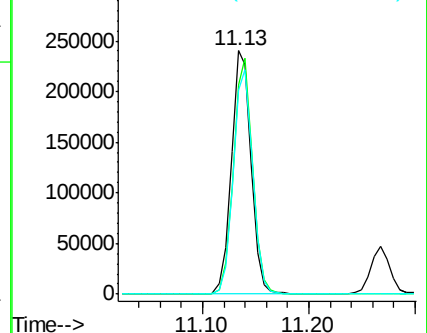
176 91.7 0.0 178.8

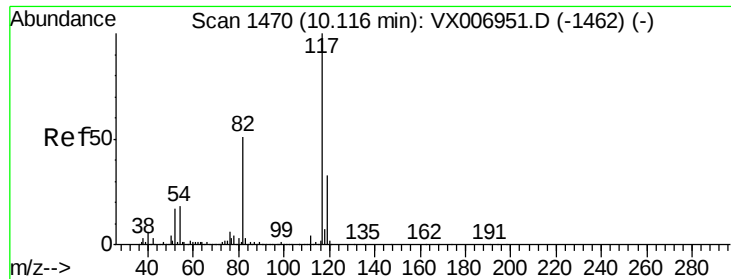


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :

MSVOA_X

ClientSampleId :

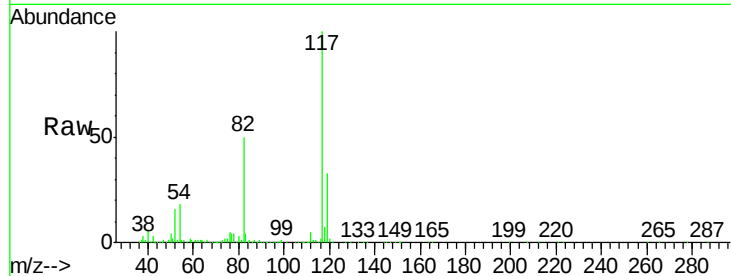
Tot Ion:117 Resp: 650031

Ion Ratio Lower Upper

117 100

82 50.4 41.0 61.6

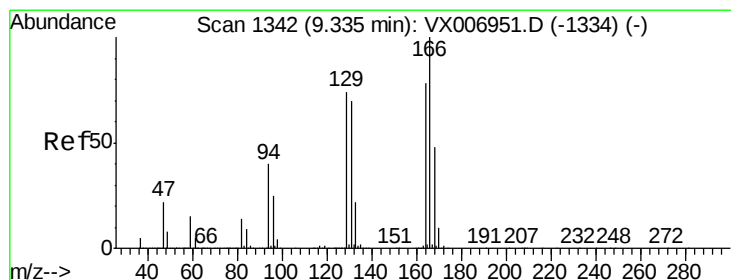
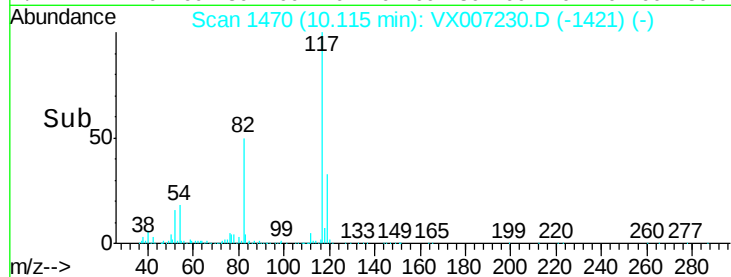
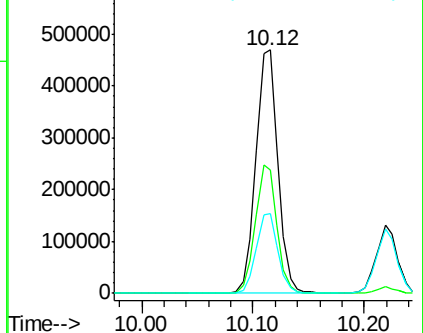
119 32.8 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 51.877 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Tgt Ion:164 Resp: 291954

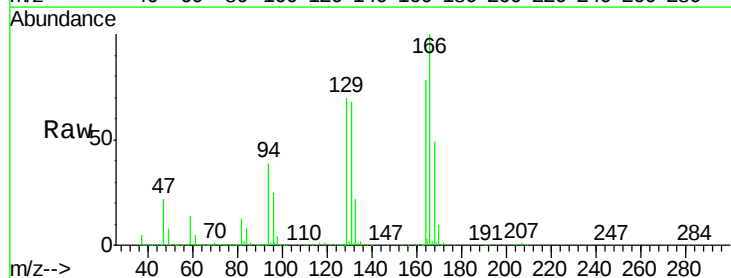
Ion Ratio Lower Upper

164 100

166 128.1 102.5 153.7

129 89.4 75.1 112.7

131 86.5 72.7 109.1

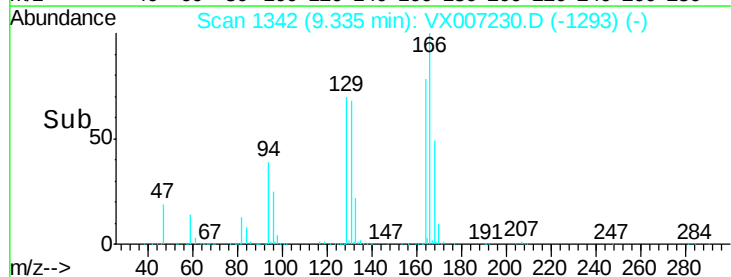
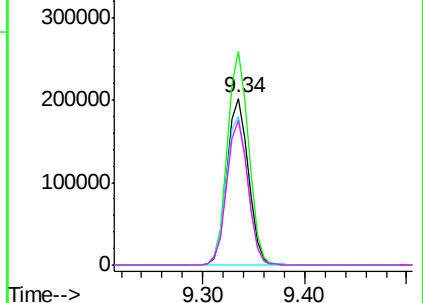


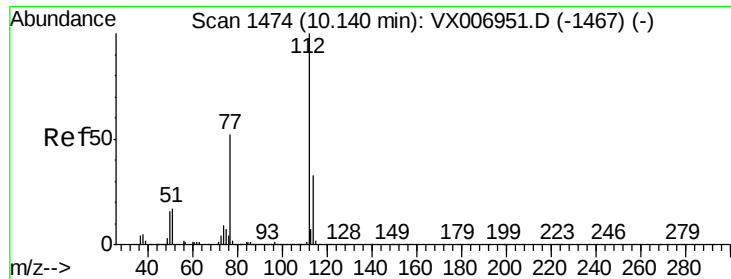
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 49.756 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :

MSVOA_X

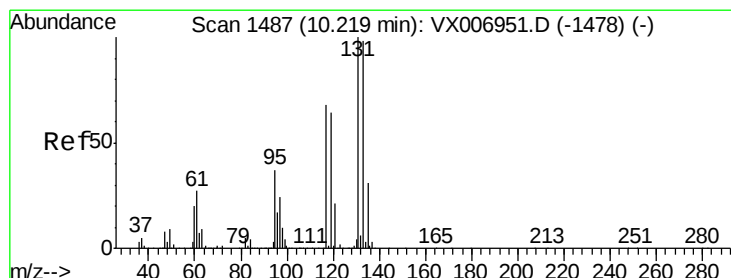
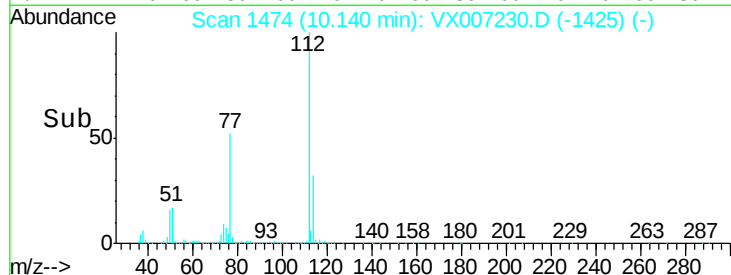
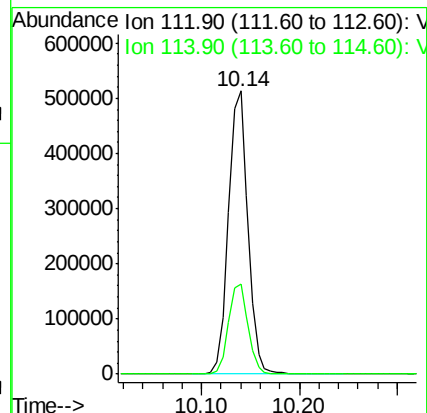
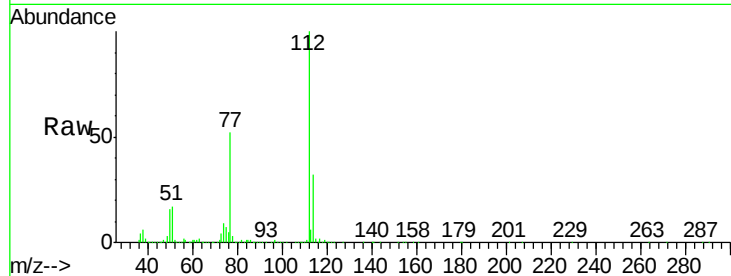
ClientSampleId :

Tot Ion:112 Resp: 705418

Ion Ratio Lower Upper

112 100

114 31.7 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 53.974 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

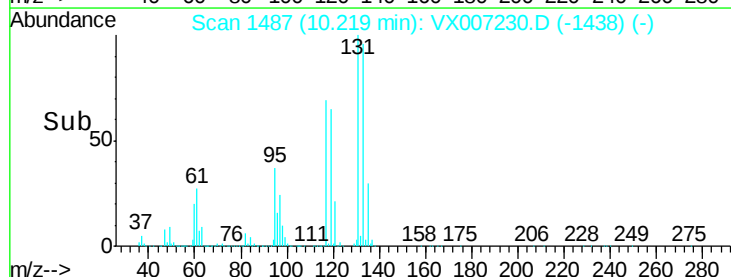
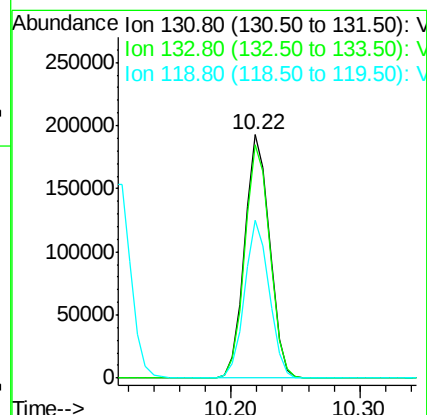
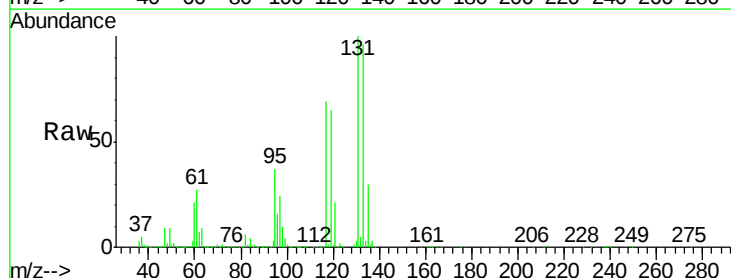
Tgt Ion:131 Resp: 257422

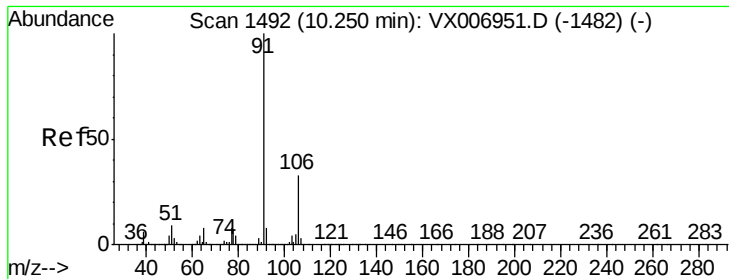
Ion Ratio Lower Upper

131 100

133 96.4 48.0 144.2

119 63.8 32.6 97.8





#67

Ethyl Benzene

Concen: 49.389 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :

MSVOA_X

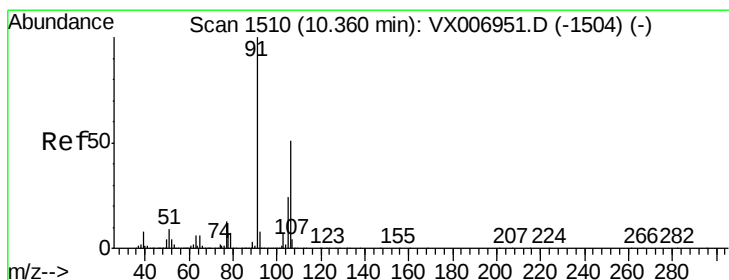
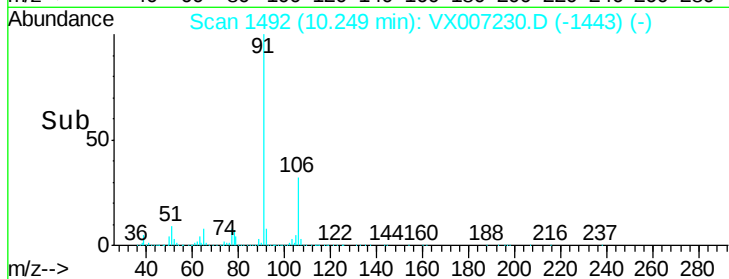
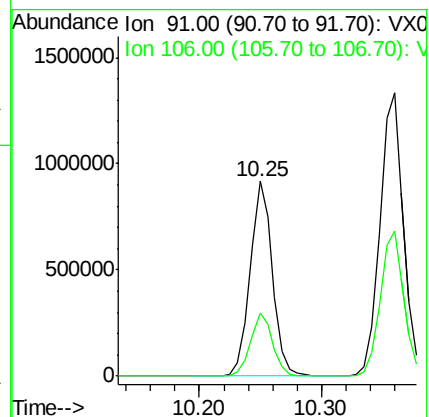
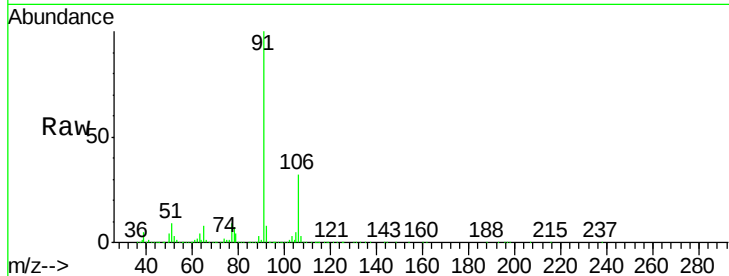
ClientSampleId :

Tot Ion: 91 Resp: 1155968

Ion Ratio Lower Upper

91 100

106 32.2 26.4 39.6



#68

m/p-Xylenes

Concen: 99.722 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007230.D

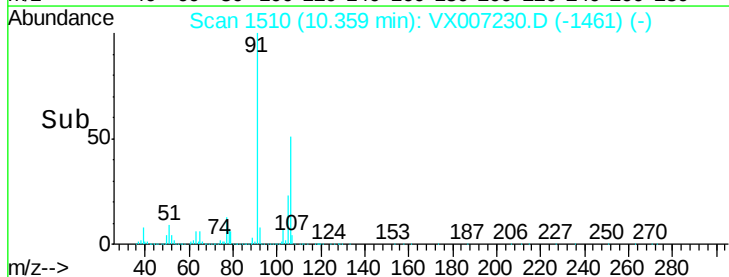
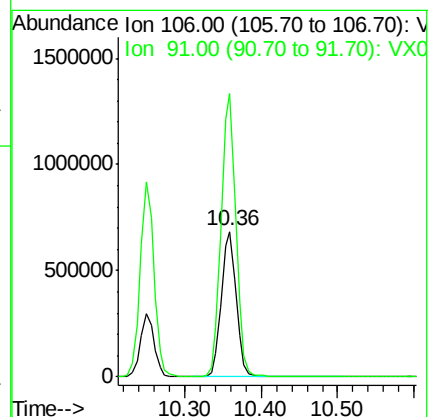
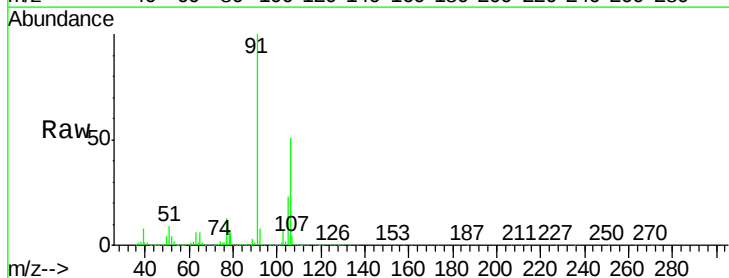
Acq: 25 Jan 2019 15:34

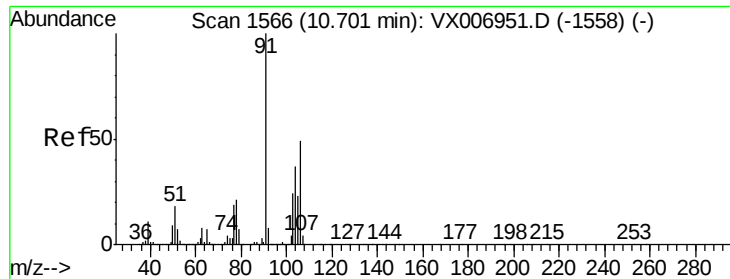
Tgt Ion: 106 Resp: 919574

Ion Ratio Lower Upper

106 100

91 194.4 155.8 233.6

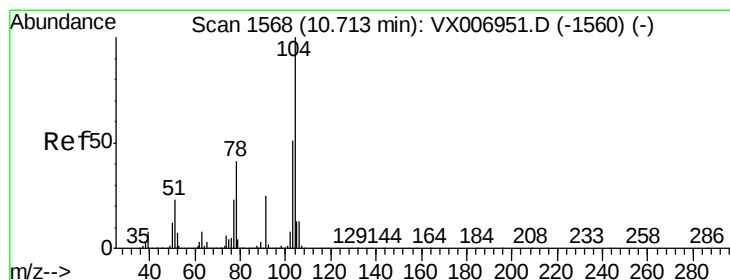
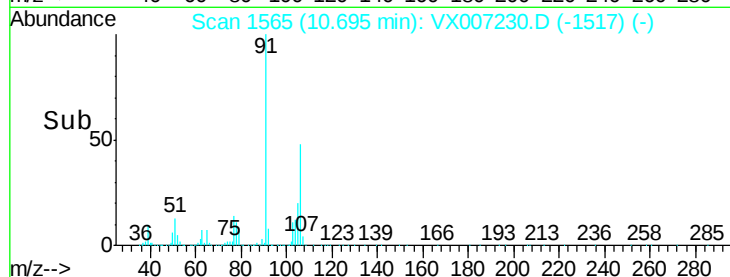
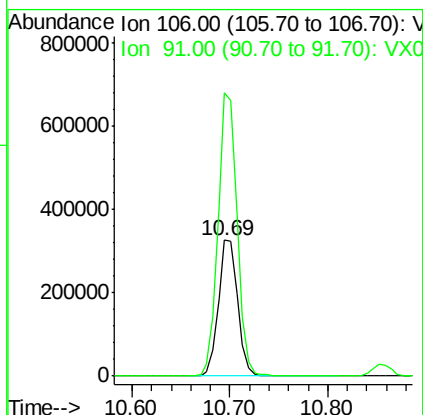
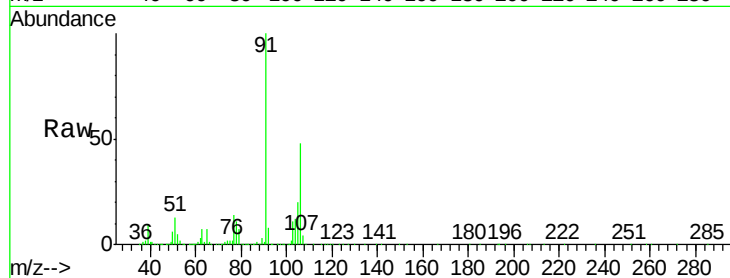




#69
o-Xylene
Concen: 49.559 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007230.D
Acq: 25 Jan 2019 15:34

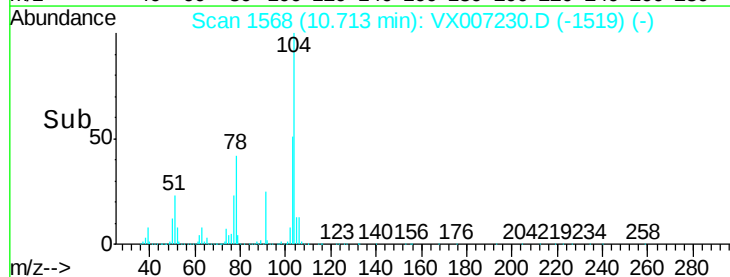
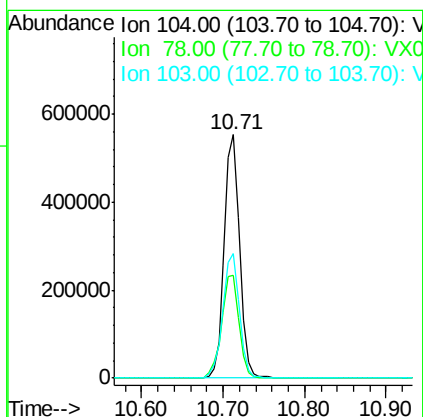
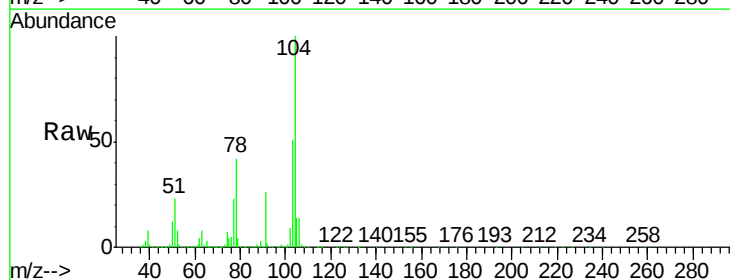
Instrument :
MSVOA_X
ClientSampleId :

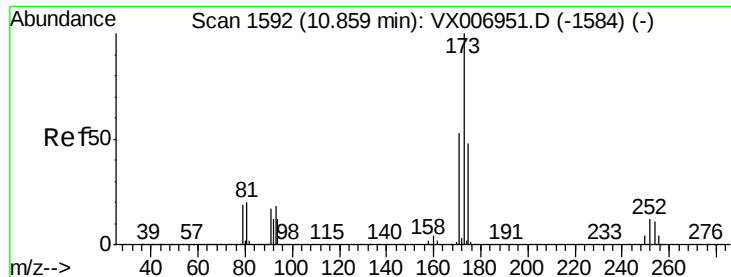
Tot Ion:106 Resp: 445687
Ion Ratio Lower Upper
106 100
91 206.4 101.3 303.7



#70
Styrene
Concen: 50.931 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007230.D
Acq: 25 Jan 2019 15:34

Tgt Ion:104 Resp: 725425
Ion Ratio Lower Upper
104 100
78 48.0 37.7 56.5
103 55.7 43.8 65.8





#71

Bromoform

Concen: 47.468 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :

MSVOA_X

ClientSampled :

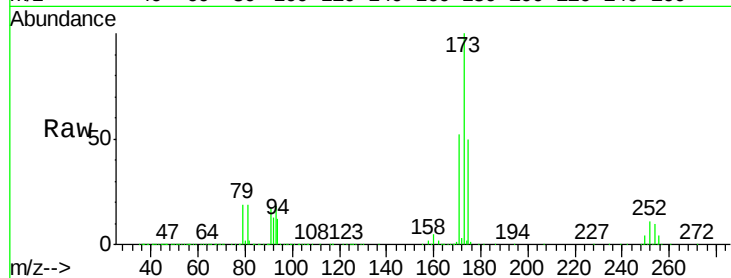
Tot Ion:173 Resp: 201415

Ion Ratio Lower Upper

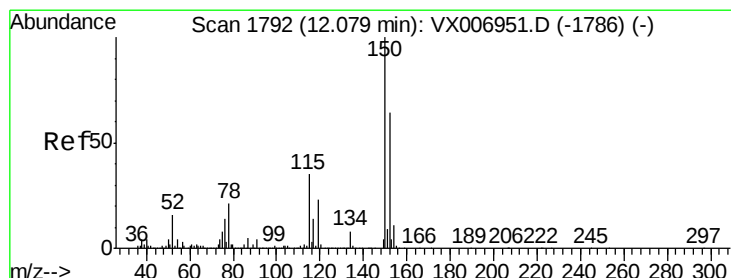
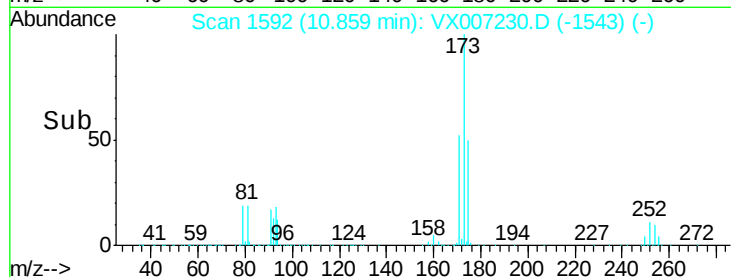
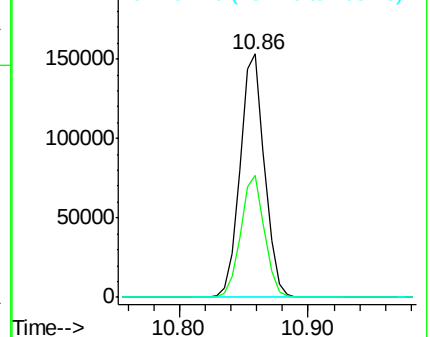
173 100

175 48.7 24.7 74.1

254 0.2 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: VX007230.D

Acq: 25 Jan 2019 15:34

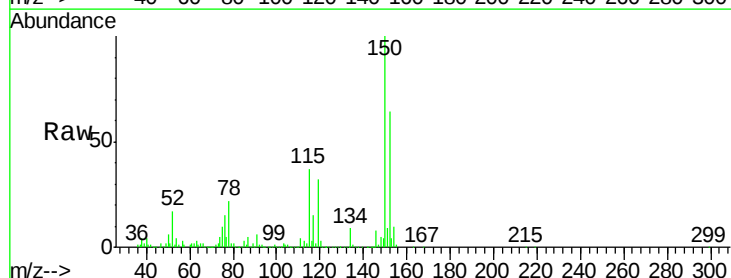
Tgt Ion:152 Resp: 344417

Ion Ratio Lower Upper

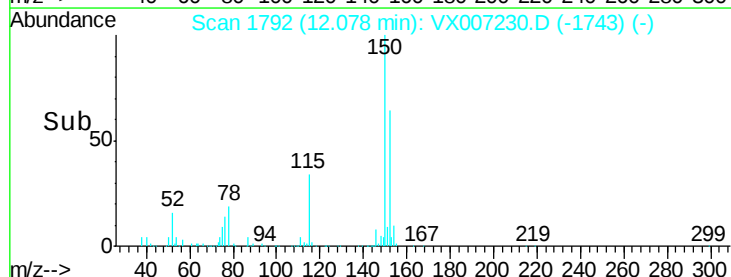
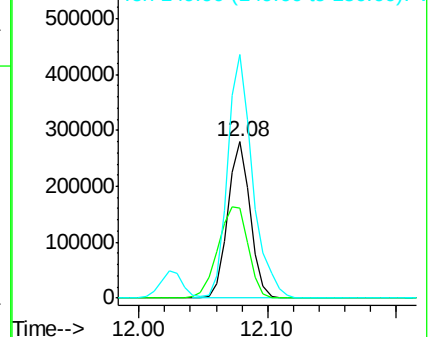
152 100

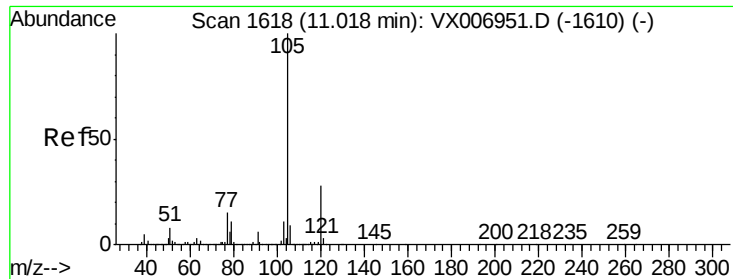
115 78.7 39.1 117.2

150 173.3 0.0 344.8



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: 49.735 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :

MSVOA_X

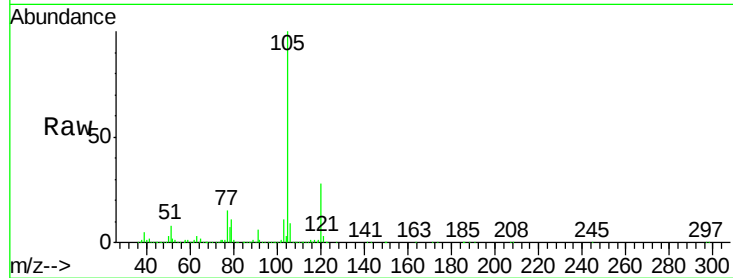
ClientSampled :

Tot Ion:105 Resp: 1207880

Ion Ratio Lower Upper

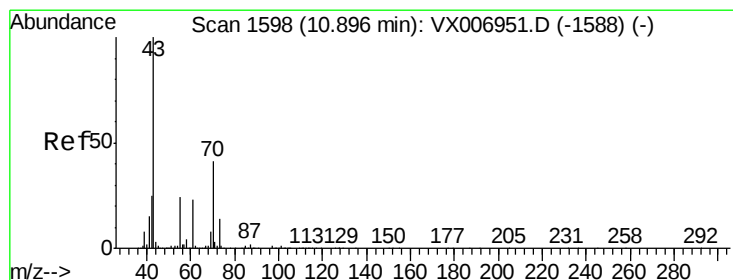
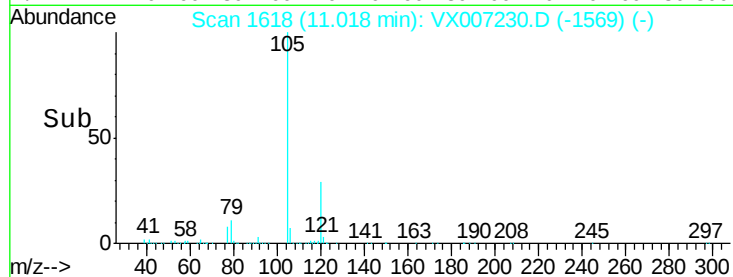
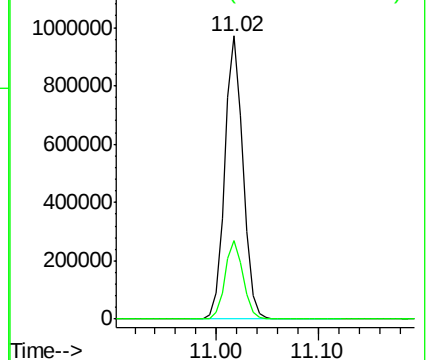
105 100

120 27.6 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: 47.731 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Tgt Ion: 43 Resp: 466718

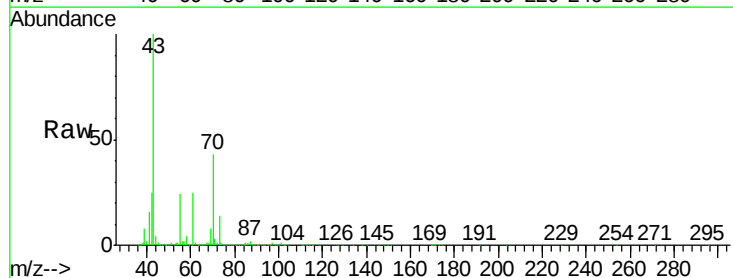
Ion Ratio Lower Upper

43 100

70 43.3 35.8 53.8

55 24.6 19.4 29.0

61 24.5 20.1 30.1

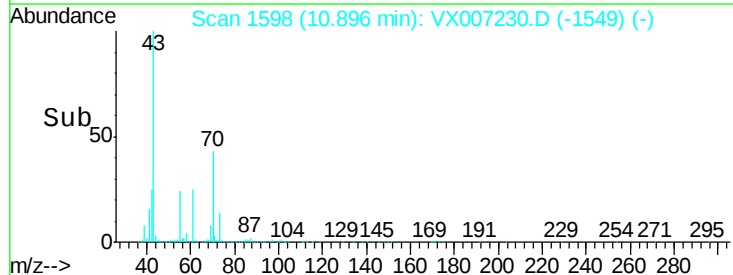
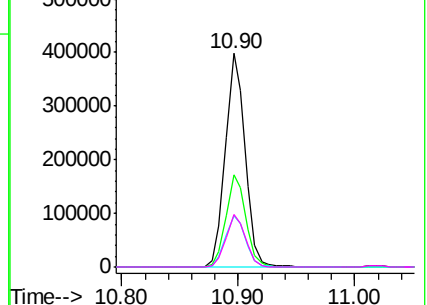


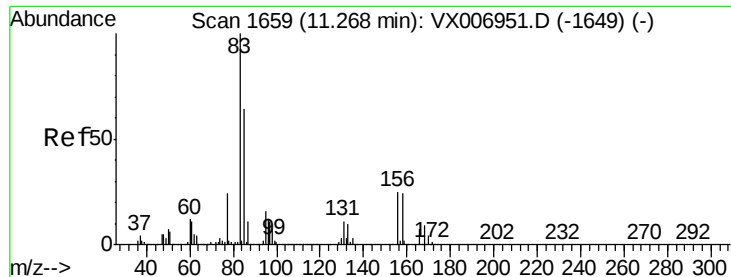
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.612 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :

MSVOA_X

ClientSampleId :

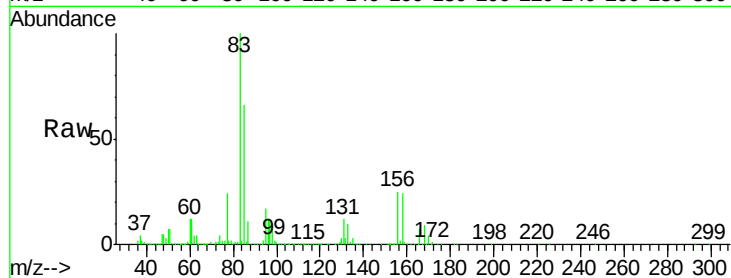
Tot Ion: 83 Resp: 367095

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.1

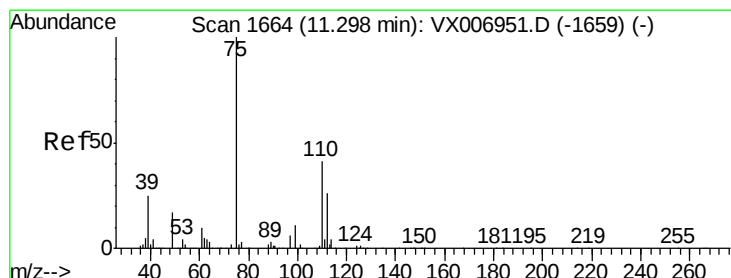
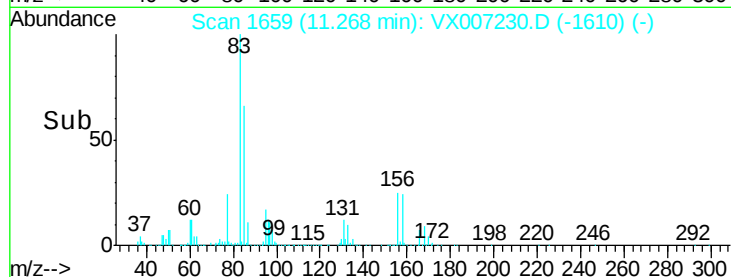
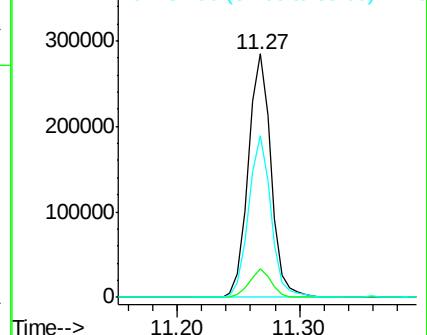
85 65.6 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.838 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007230.D

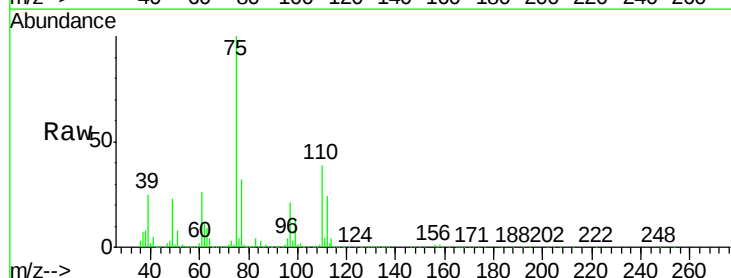
Acq: 25 Jan 2019 15:34

Tgt Ion: 75 Resp: 424613

Ion Ratio Lower Upper

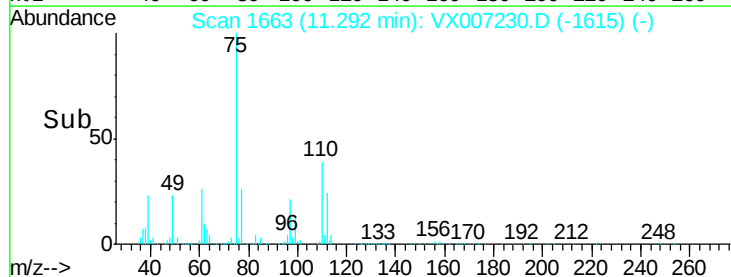
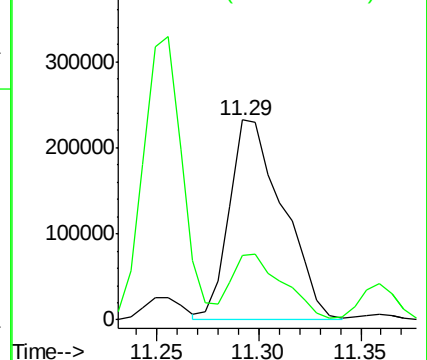
75 100

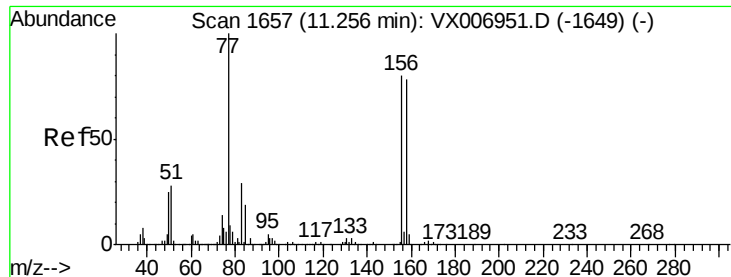
77 31.5 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.827 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :

MSVOA_X

ClientSampleId :

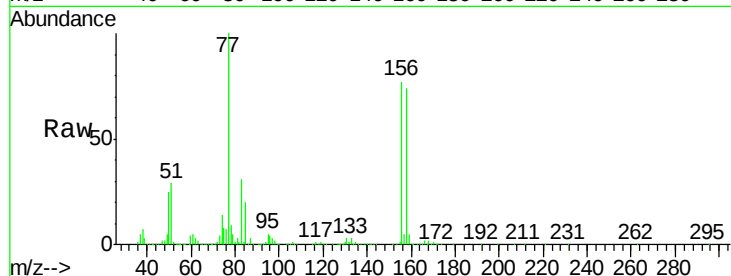
Tot Ion:156 Resp: 320049

Ion Ratio Lower Upper

156 100

77 137.2 68.0 204.0

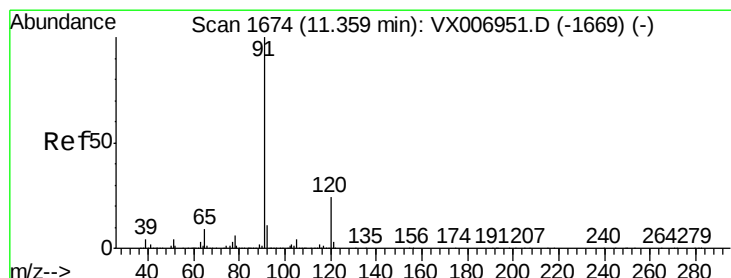
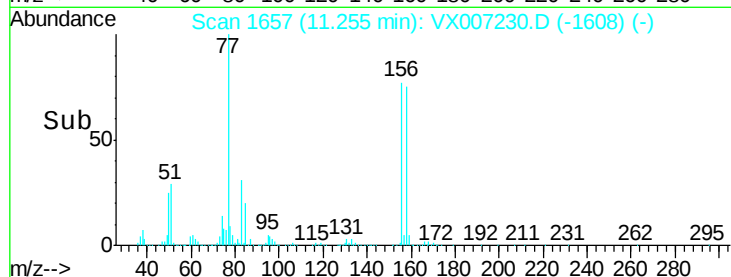
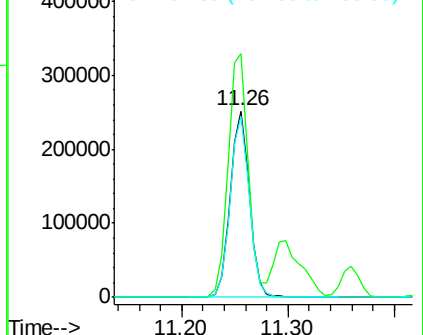
158 97.4 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.647 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007230.D

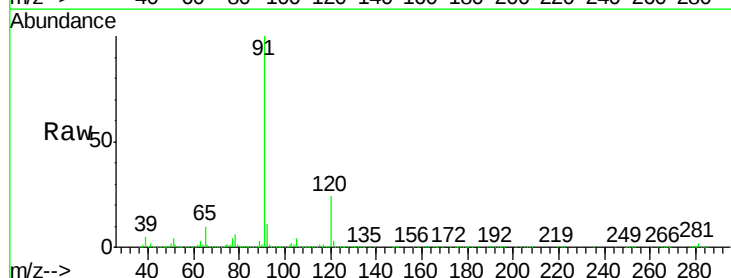
Acq: 25 Jan 2019 15:34

Tgt Ion: 91 Resp: 1350316

Ion Ratio Lower Upper

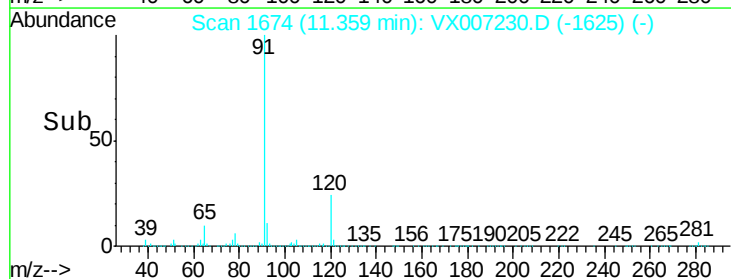
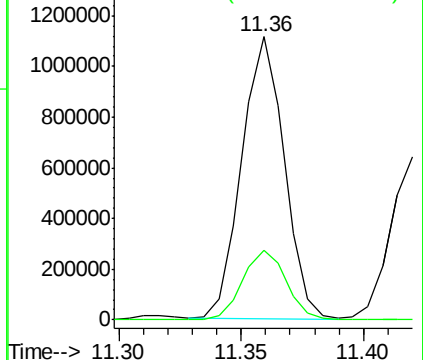
91 100

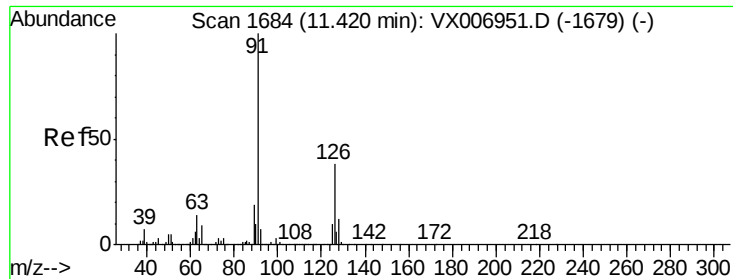
120 25.2 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

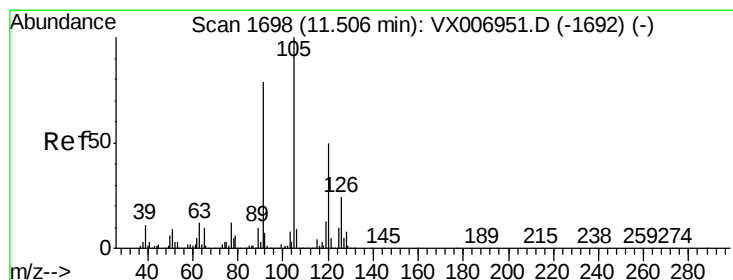
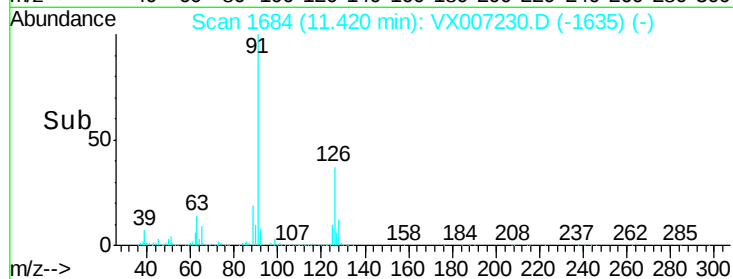
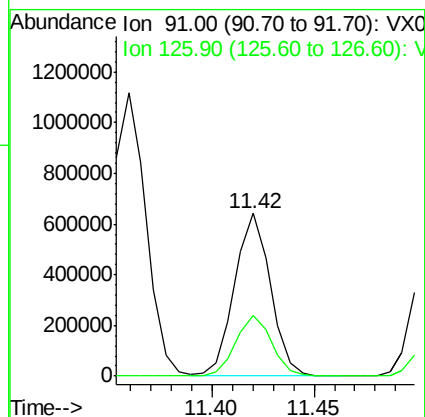
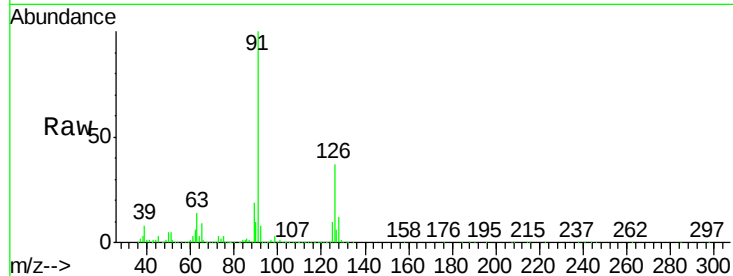




#79
 2-Chlorotoluene
 Concen: 48.381 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007230.D
 Acq: 25 Jan 2019 15:34

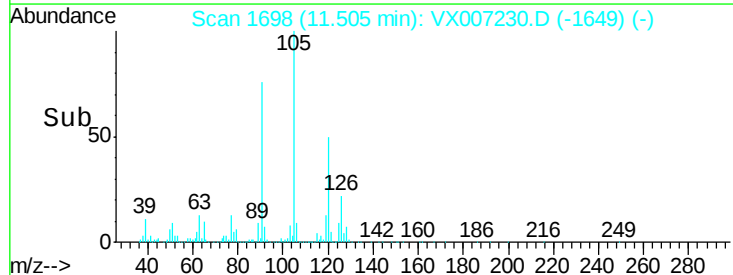
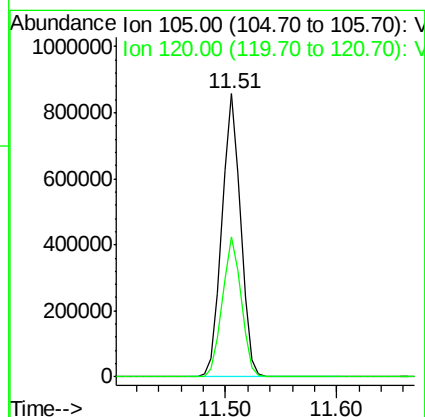
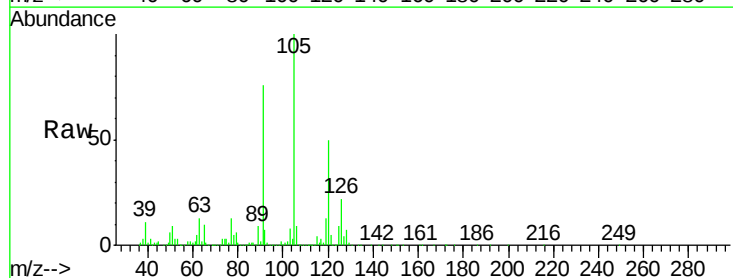
Instrument :
 MSVOA_X
 ClientSampleId :

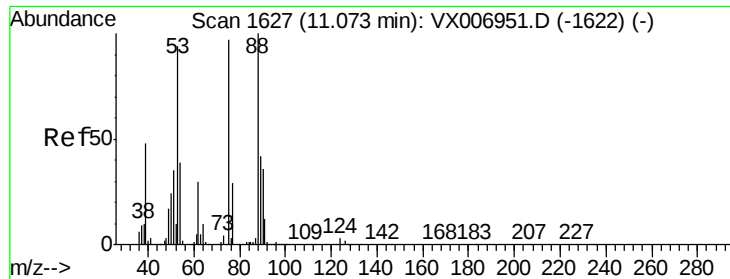
Tot Ion: 91 Resp: 776462
 Ion Ratio Lower Upper
 91 100
 126 37.6 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 49.241 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007230.D
 Acq: 25 Jan 2019 15:34

Tgt Ion: 105 Resp: 999253
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.1 75.3

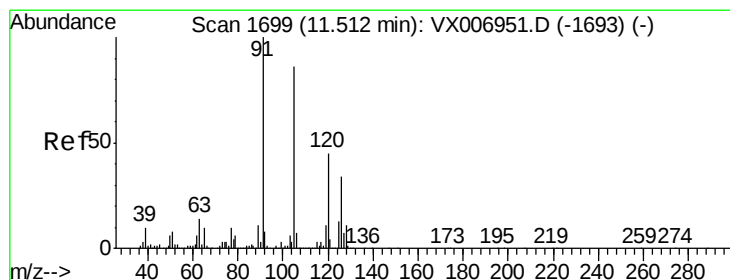
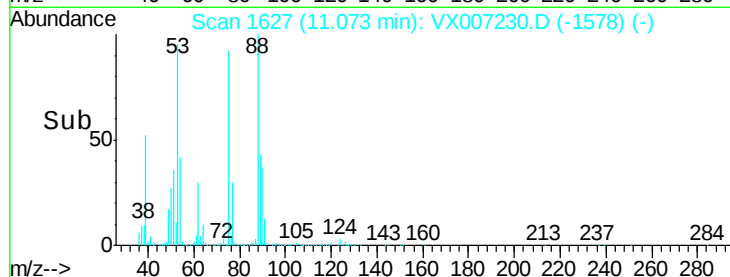
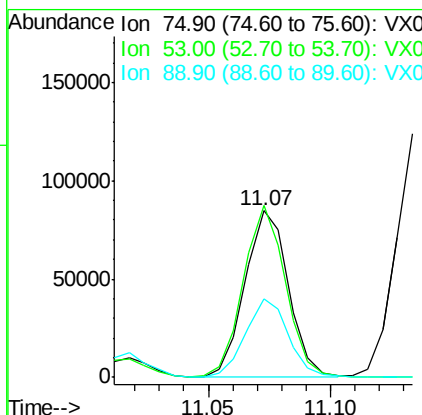
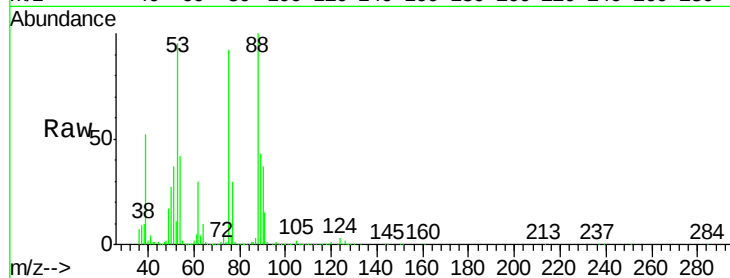




#81
trans-1,4-Dichloro-2-butene
Concen: 45.503 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007230.D
Acq: 25 Jan 2019 15:34

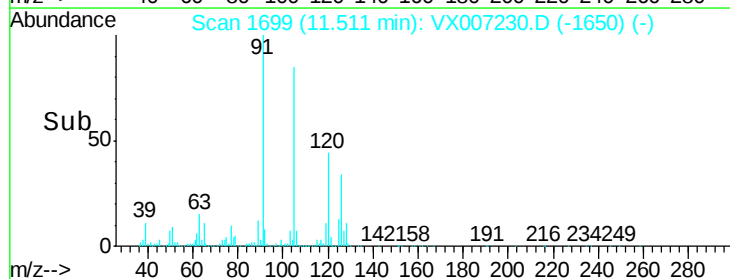
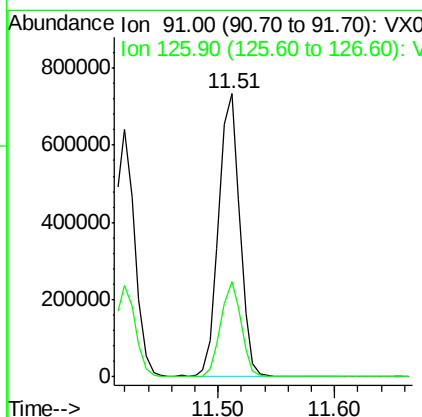
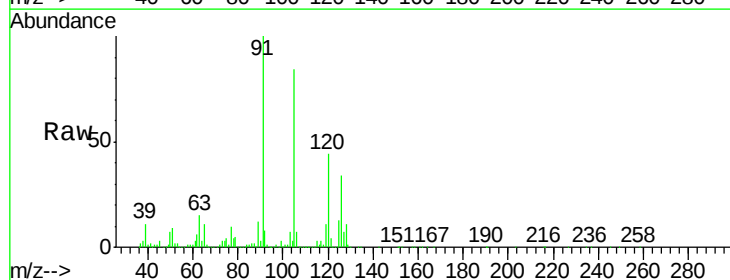
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 104385
Ion Ratio Lower Upper
75 100
53 100.2 79.7 119.5
89 46.6 38.0 57.0



#82
4-Chlorotoluene
Concen: 49.383 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007230.D
Acq: 25 Jan 2019 15:34

Tgt Ion: 91 Resp: 917628
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.9





#83

tert-Butylbenzene

Concen: 49.914 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :

MSVOA_X

ClientSampleId :

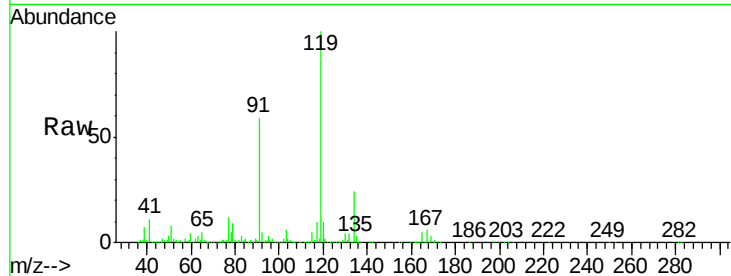
Tot Ion:119 Resp: 1010606

Ion Ratio Lower Upper

119 100

91 55.5 27.7 83.1

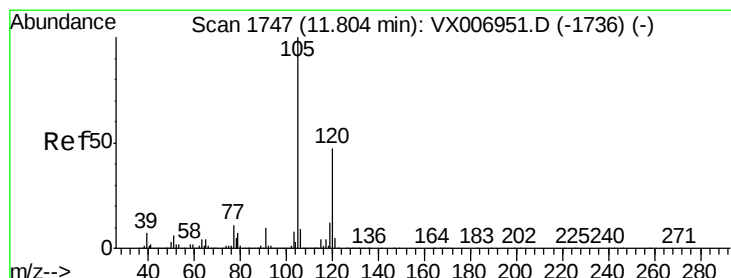
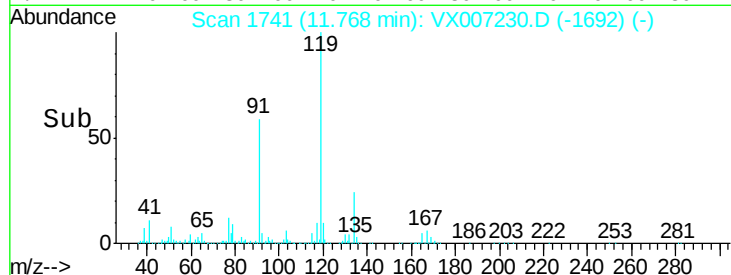
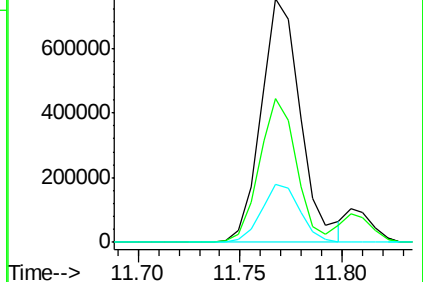
134 23.3 11.9 35.5



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: 49.925 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007230.D

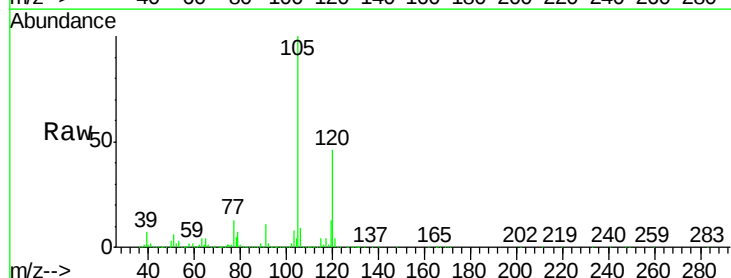
Acq: 25 Jan 2019 15:34

Tgt Ion:105 Resp: 1018777

Ion Ratio Lower Upper

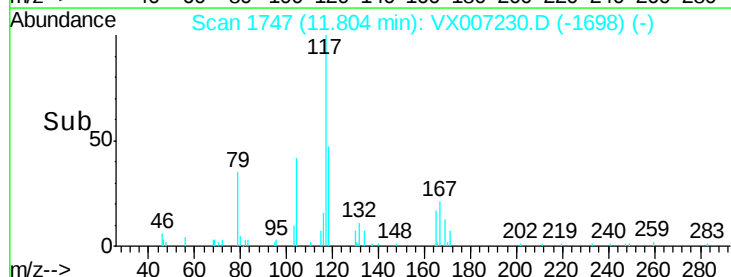
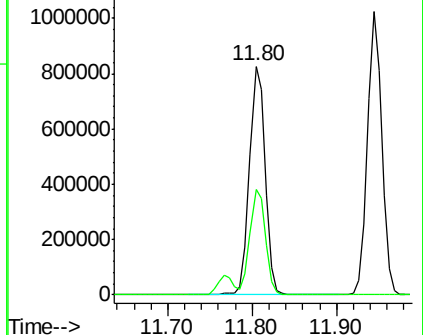
105 100

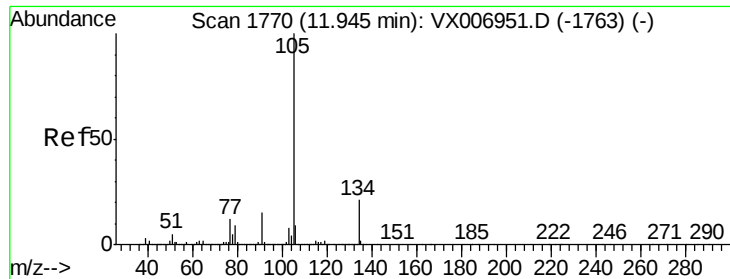
120 45.6 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.534 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :

MSVOA_X

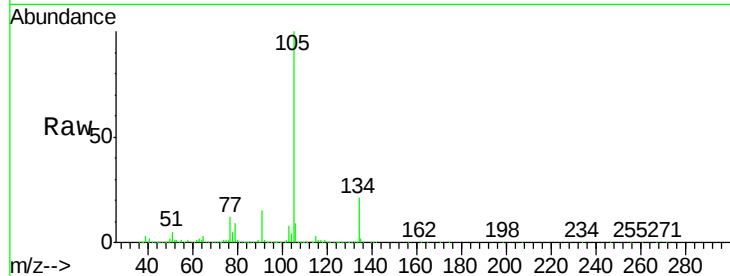
ClientSampled :

Tot Ion:105 Resp: 1221922

Ion Ratio Lower Upper

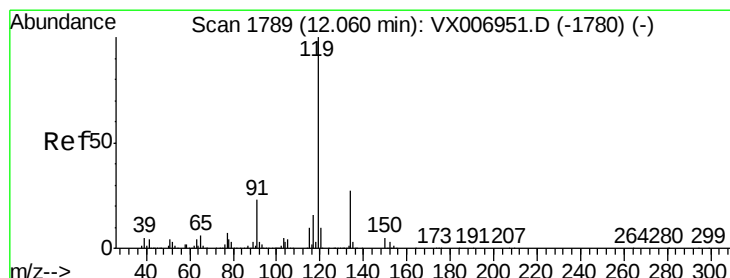
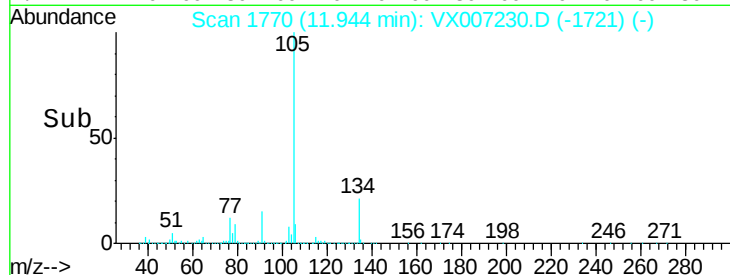
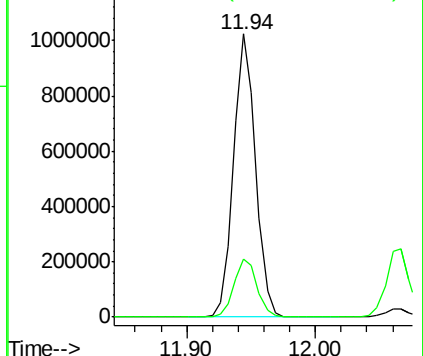
105 100

134 21.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.446 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

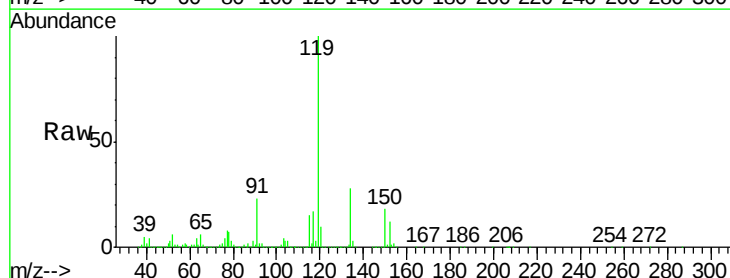
Tgt Ion:119 Resp: 1091080

Ion Ratio Lower Upper

119 100

134 27.7 14.0 41.9

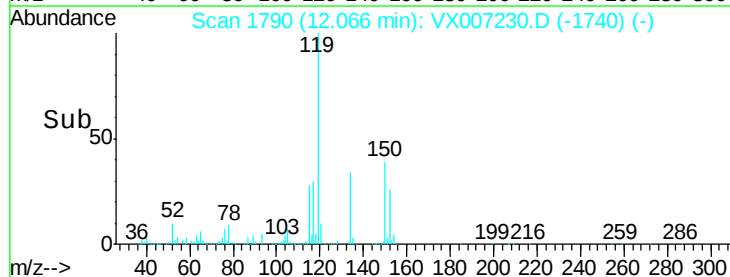
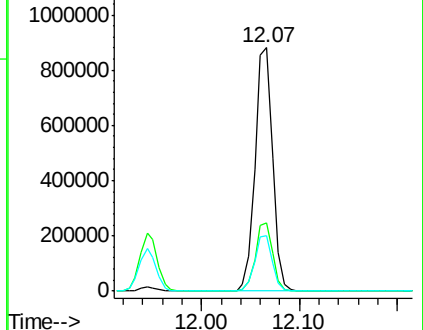
91 22.8 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

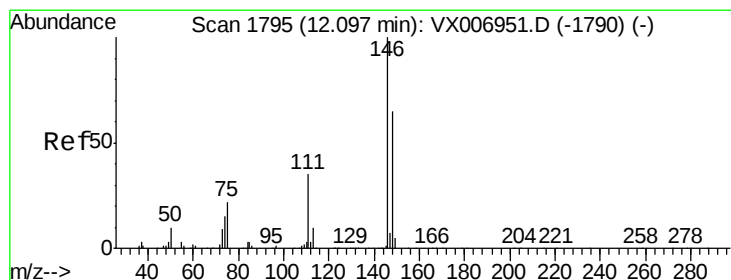
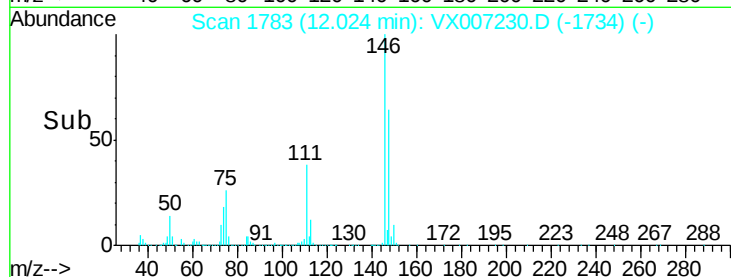
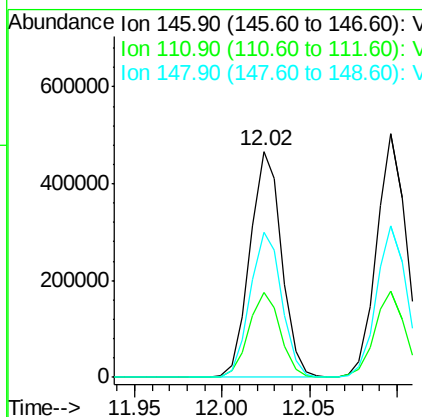
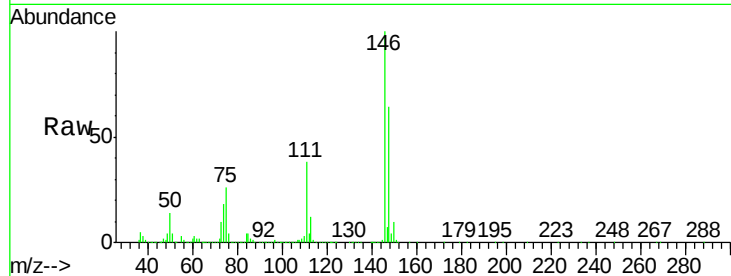




#87
 1,3-Dichlorobenzene
 Concen: 48.609 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007230.D
 Acq: 25 Jan 2019 15:34

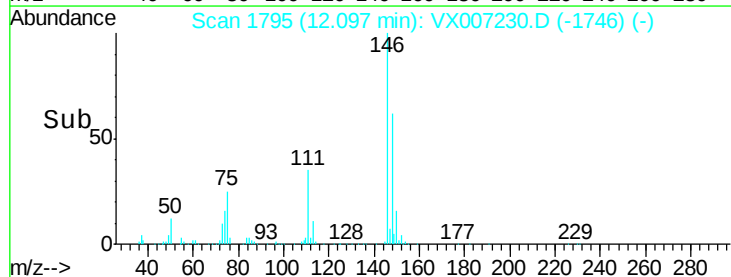
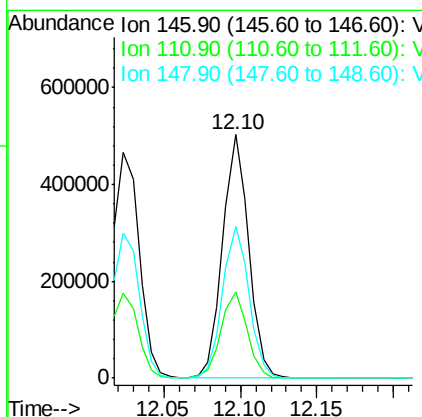
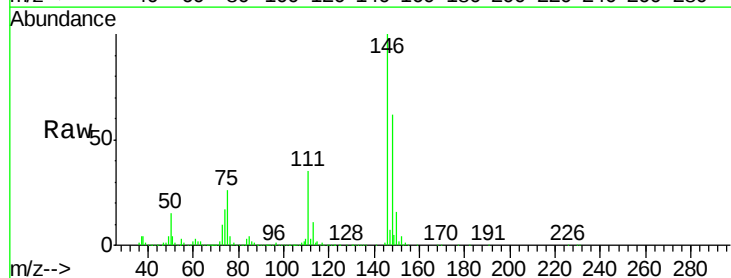
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	64.4	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.632 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007230.D
 Acq: 25 Jan 2019 15:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.1
148	63.7	31.9	95.9

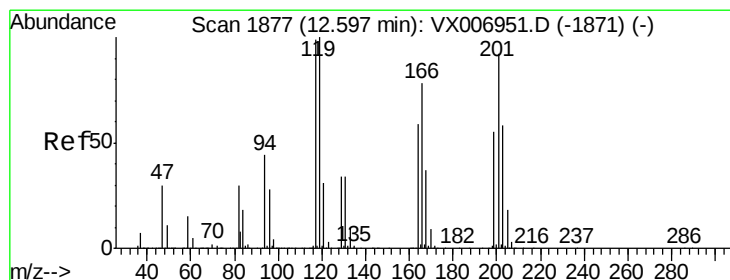
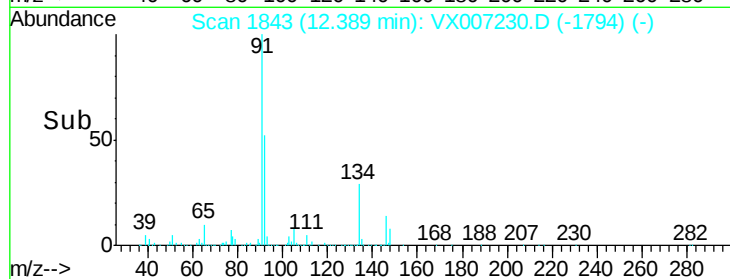
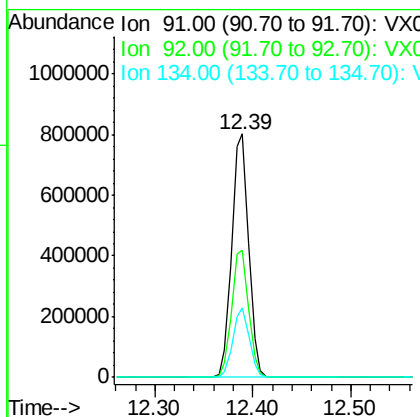
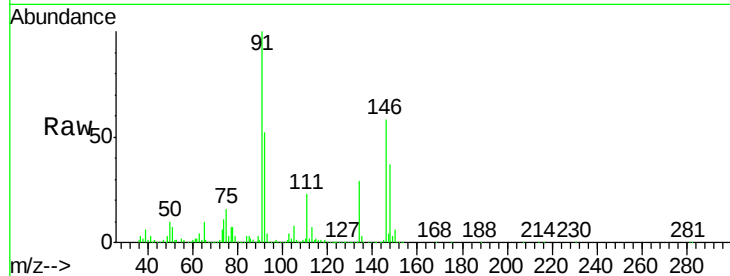




#89
n-Butylbenzene
Concen: 52.241 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007230.D
Acq: 25 Jan 2019 15:34

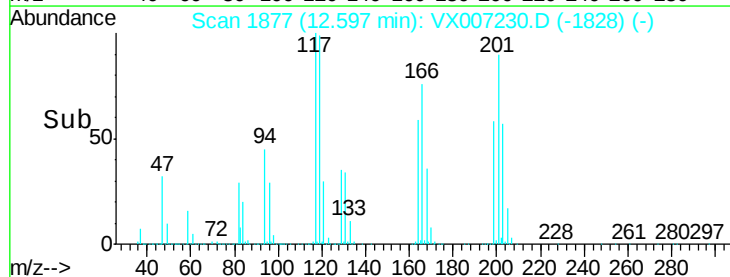
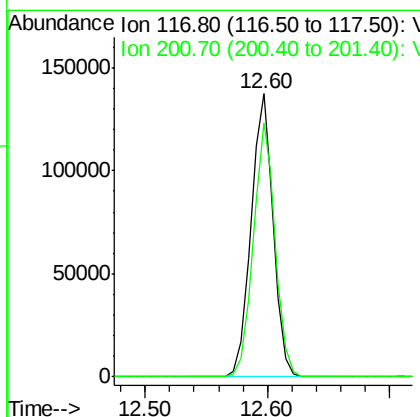
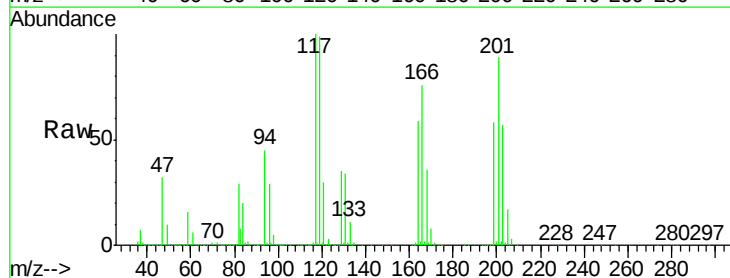
Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.8	80.4
134	28.0	14.4	43.2



#90
Hexachloroethane
Concen: 50.109 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007230.D
Acq: 25 Jan 2019 15:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.5	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 48.530 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

Instrument :

MSVOA_X

ClientSampleId :

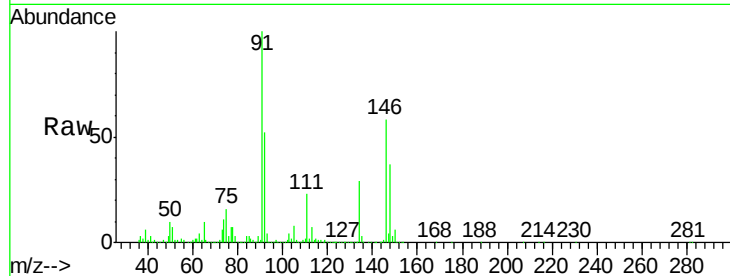
Tot Ion:146 Resp: 579264

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.2

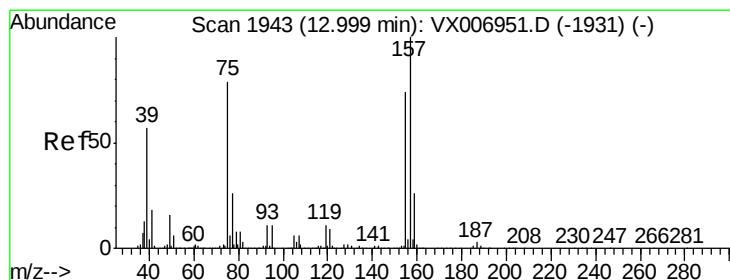
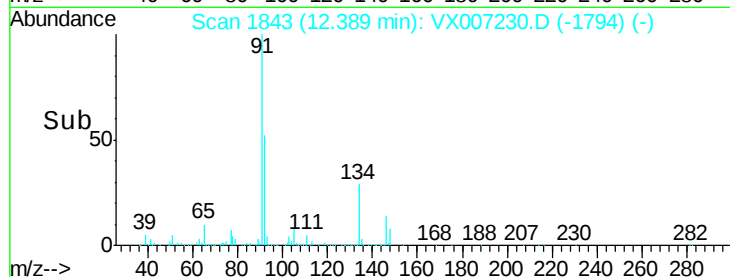
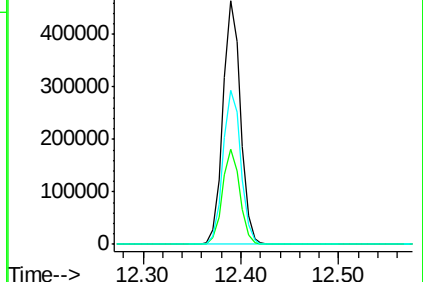
148 64.1 32.3 96.9



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: 50.252 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007230.D

Acq: 25 Jan 2019 15:34

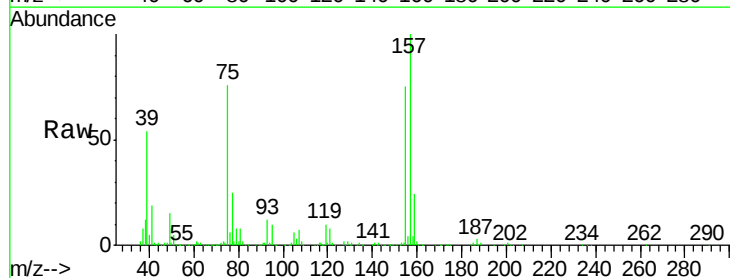
Tgt Ion: 75 Resp: 76628

Ion Ratio Lower Upper

75 100

155 102.2 50.6 151.8

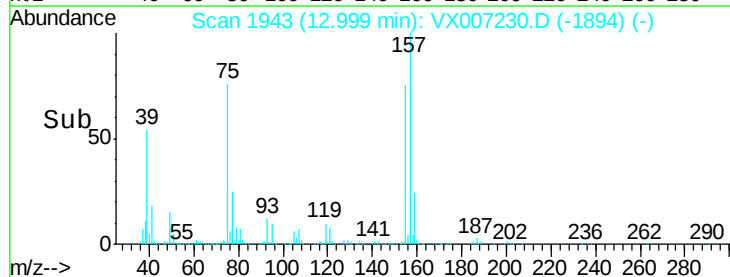
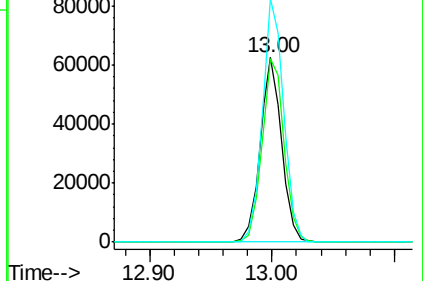
157 131.3 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

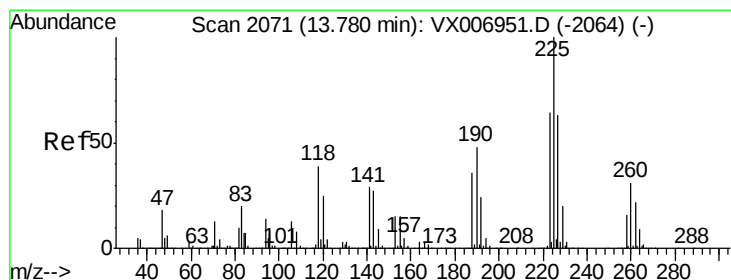
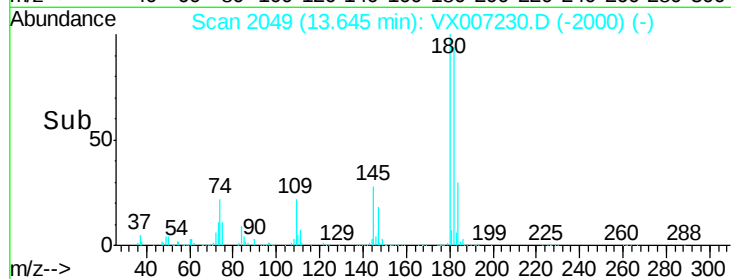
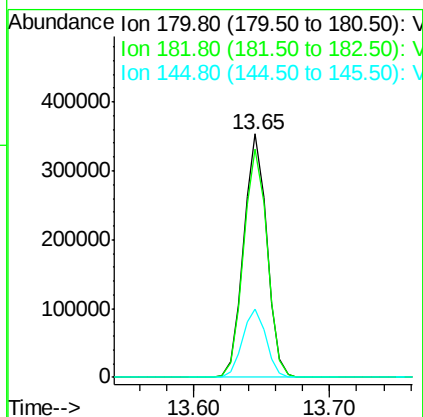
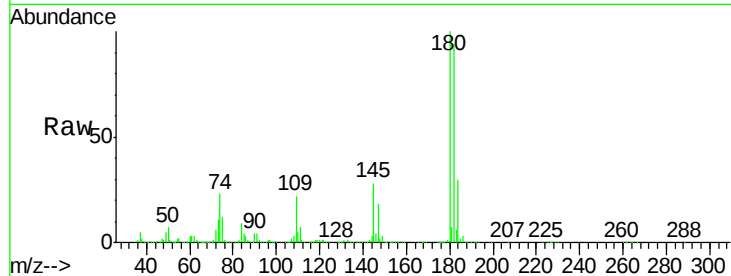




#93
 1,2,4-Trichlorobenzene
 Concen: 51.228 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007230.D
 Acq: 25 Jan 2019 15:34

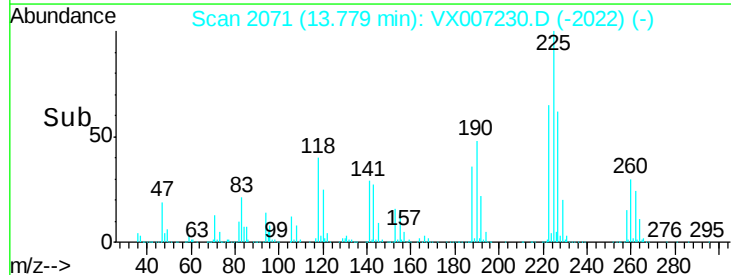
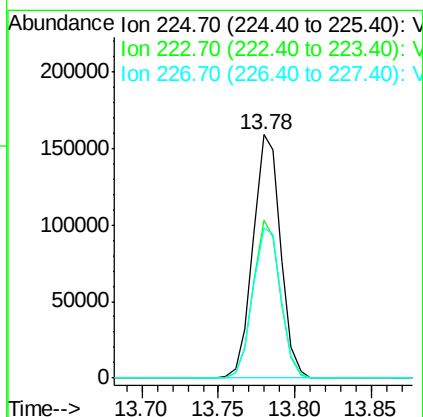
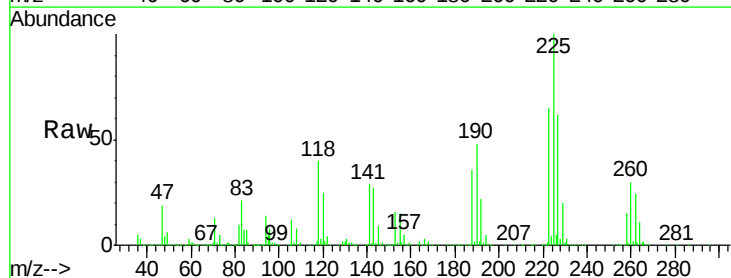
Instrument :
 MSVOA_X
 ClientSampleId :

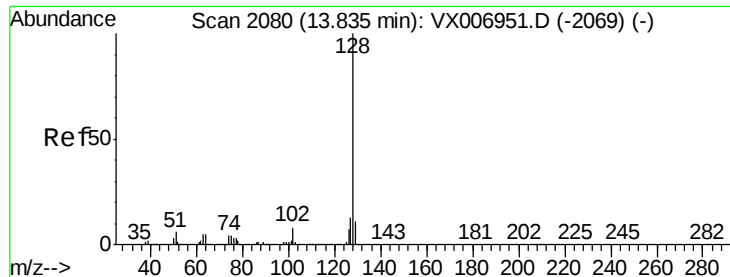
Tot Ion:180 Resp: 419514
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.3 142.0
 145 28.6 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 54.717 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007230.D
 Acq: 25 Jan 2019 15:34

Tgt Ion:225 Resp: 198845
 Ion Ratio Lower Upper
 225 100
 223 63.5 32.1 96.3
 227 63.5 32.3 96.8

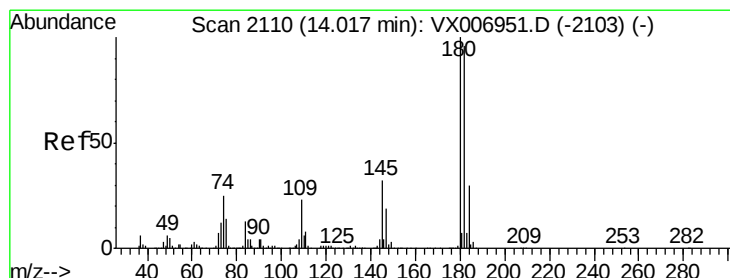
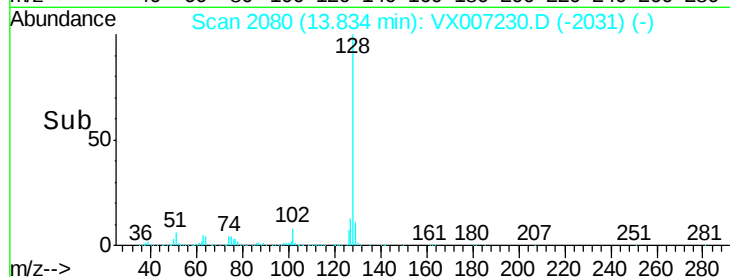
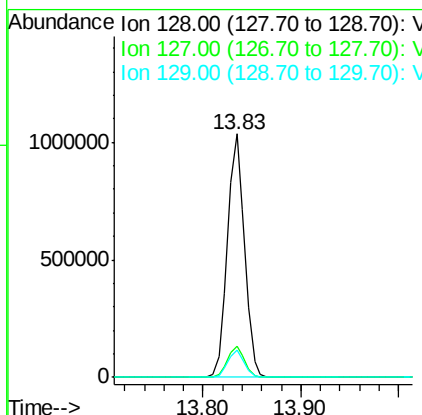
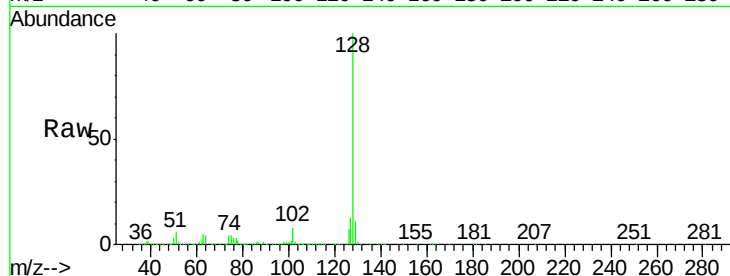




#95
Naphthalene
Concen: 50.449 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007230.D
Acq: 25 Jan 2019 15:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1251887
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.187 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007230.D
Acq: 25 Jan 2019 15:34

Tgt Ion:180 Resp: 408269
Ion Ratio Lower Upper
180 100
182 96.8 48.5 145.5
145 31.5 16.0 47.9

