

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021519\
 Data File : VX007544.D
 Acq On : 14 Feb 2019 14:35
 Operator : JC/SP
 Sample : VX0215WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 15 02:43:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	437405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	651926	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	608314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	312702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	234915	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
35) Dibromofluoromethane	5.50	113	216285	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
50) Toluene-d8	8.71	98	783174	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.13	95	281441	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	93352	17.484	ug/l	99
3) Chloromethane	1.33	50	86683	17.594	ug/l	96
4) Vinyl Chloride	1.41	62	90847	18.796	ug/l	100
5) Bromomethane	1.64	94	75752	15.512	ug/l	99
6) Chloroethane	1.73	64	57309	18.329	ug/l	100
7) Trichlorofluoromethane	1.93	101	139312	18.425	ug/l	99
8) Diethyl Ether	2.19	74	51544	18.112	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	80448	17.887	ug/l	97
10) Methyl Iodide	2.51	142	101013	15.268	ug/l	99
11) Tert butyl alcohol	3.07	59	103180	107.389	ug/l	99
12) 1,1-Dichloroethene	2.38	96	71729	17.175	ug/l	98
13) Acrolein	2.30	56	34861	77.374	ug/l	98
14) Allyl chloride	2.73	41	128711	18.915	ug/l	99
15) Acrylonitrile	3.15	53	237415	99.887	ug/l	100
16) Acetone	2.45	43	216529	101.815	ug/l	98
17) Carbon Disulfide	2.57	76	169848	17.014	ug/l	99
18) Methyl Acetate	2.78	43	138316	25.259	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	252697	18.677	ug/l	95
20) Methylene Chloride	2.86	84	85201	19.373	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	76448	17.184	ug/l	100
22) Diisopropyl ether	3.87	45	242575	19.380	ug/l	99
23) Vinyl Acetate	3.82	43	1008481	97.092	ug/l	98
24) 1,1-Dichloroethane	3.70	63	136701	19.017	ug/l	99
25) 2-Butanone	4.70	43	314758	103.999	ug/l	100
26) 2,2-Dichloropropane	4.59	77	98206	17.940	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	89508	18.420	ug/l	100
28) Bromochloromethane	5.01	49	66129	20.005	ug/l	98
29) Tetrahydrofuran	5.15	42	201757	105.993	ug/l	99
30) Chloroform	5.21	83	146229	19.495	ug/l	98
31) Cyclohexane	5.57	56	111933	17.338	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	121251	19.151	ug/l	98
36) 1,1-Dichloropropene	5.81	75	100619	17.202	ug/l	99
37) Ethyl Acetate	4.85	43	115590	19.549	ug/l	98
38) Carbon Tetrachloride	5.78	117	103132	18.174	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	120523	17.030	ug/l	98
40) Benzene	6.14	78	319259	18.529	ug/l	99
41) Methacrylonitrile	5.06	41	62421	19.697	ug/l	95
42) 1,2-Dichloroethane	6.20	62	111225	18.657	ug/l	98
43) Isopropyl Acetate	6.46	43	178575	19.566	ug/l	99
44) Trichloroethene	7.21	130	93337	17.986	ug/l	98
45) 1,2-Dichloropropane	7.52	63	82459	19.100	ug/l	96
46) Dibromomethane	7.66	93	57293	18.260	ug/l	97
47) Bromodichloromethane	7.90	83	100051	18.815	ug/l	98
48) Methyl methacrylate	7.77	41	92567	20.277	ug/l	98
49) 1,4-Dioxane	7.75	88	45754	444.552	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	613593	102.126	ug/l	99
52) Toluene	8.79	92	203721	18.325	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	104782	18.344	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	116880	18.607	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	88722	19.146	ug/l	97
56) Ethyl methacrylate	9.18	69	124327	19.371	ug/l	97
57) 1,3-Dichloropropane	9.37	76	137210	18.619	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	351681	103.959	ug/l	99
59) 2-Hexanone	9.49	43	481108	102.903	ug/l	100
60) Dibromochloromethane	9.58	129	84434	19.265	ug/l	97
61) 1,2-Dibromoethane	9.67	107	92877	18.926	ug/l	100
64) Tetrachloroethene	9.34	164	88996	15.522	ug/l	99
65) Chlorobenzene	10.14	112	234792	17.687	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	83132	18.679	ug/l	98
67) Ethyl Benzene	10.25	91	380582	17.803	ug/l	98
68) m/p-Xylenes	10.36	106	301963	35.535	ug/l	99
69) o-Xylene	10.70	106	148911	18.211	ug/l	100
70) Styrene	10.71	104	240769	18.156	ug/l	99
71) Bromoform	10.86	173	62958	18.858	ug/l #	98
73) Isopropylbenzene	11.02	105	395069	18.592	ug/l	99
74) N-amyl acetate	10.90	43	159828	19.446	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	133931	20.681	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	141875	23.325	ug/l	82
77) Bromobenzene	11.26	156	109057	18.215	ug/l	99
78) n-propylbenzene	11.36	91	434418	18.643	ug/l	100
79) 2-Chlorotoluene	11.42	91	262058	18.534	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	321639	18.501	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	33052	19.604	ug/l	95
82) 4-Chlorotoluene	11.51	91	296567	18.127	ug/l	98
83) tert-Butylbenzene	11.77	119	320912	18.645	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	331608	18.788	ug/l	100
85) sec-Butylbenzene	11.94	105	390430	18.742	ug/l	100
86) p-Isopropyltoluene	12.06	119	343189	18.250	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	190583	17.737	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	188263	17.270	ug/l	98
89) n-Butylbenzene	12.39	91	285952	17.677	ug/l	99
90) Hexachloroethane	12.60	117	53571	19.034	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	196442	18.370	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27621	20.512	ug/l	96

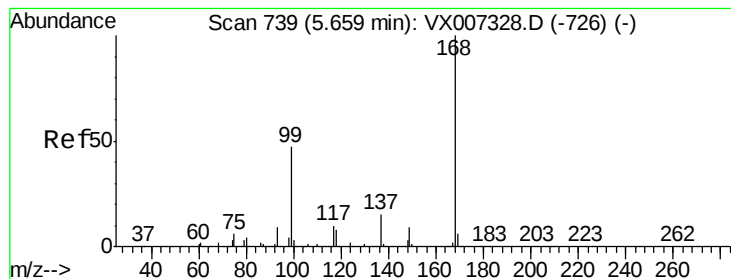
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	124952	17.327	ug/l	100
94) Hexachlorobutadiene	13.78	225	61735	17.630	ug/l	98
95) Naphthalene	13.83	128	398862	18.913	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	126546	17.433	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

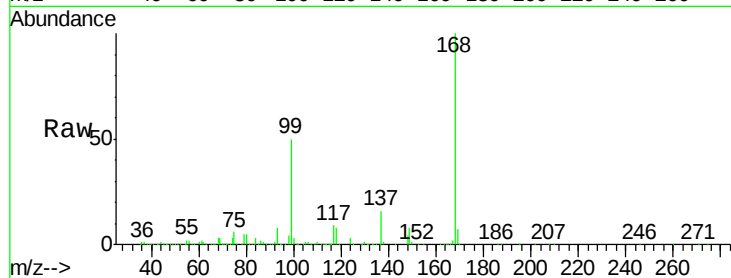
ClientSampleId :

Tot Ion:168 Resp: 437405

Ion Ratio Lower Upper

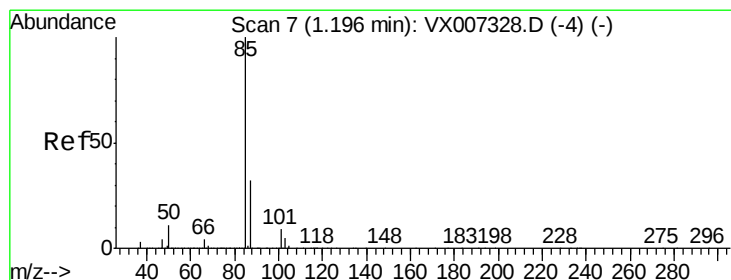
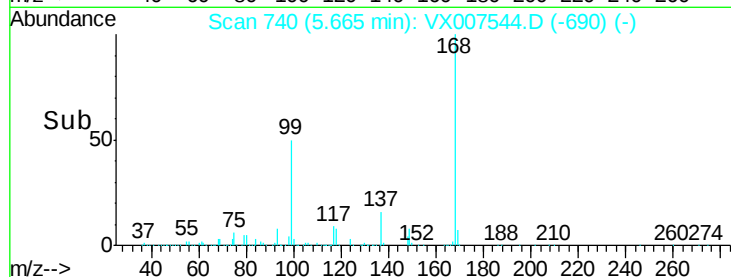
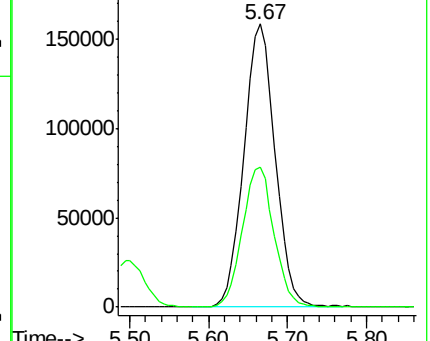
168 100

99 49.5 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.484 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007544.D

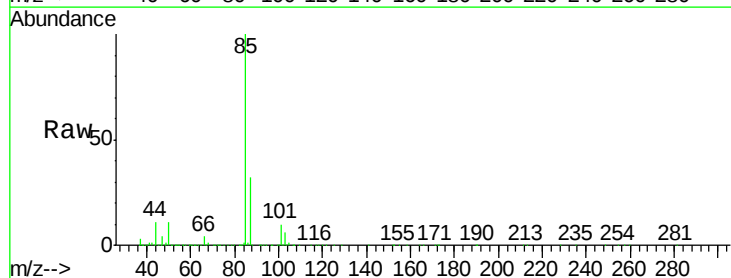
Acq: 14 Feb 2019 14:35

Tgt Ion: 85 Resp: 93352

Ion Ratio Lower Upper

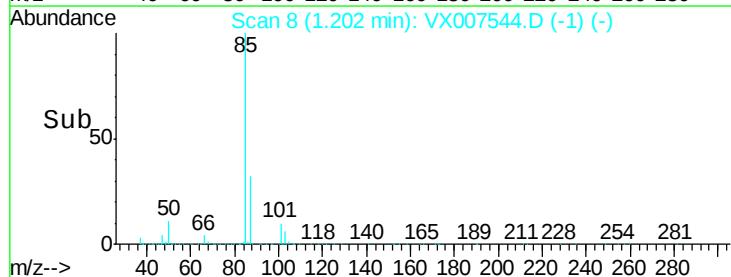
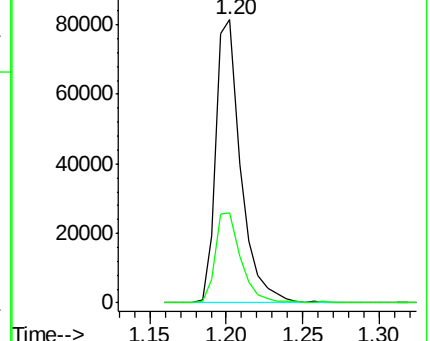
85 100

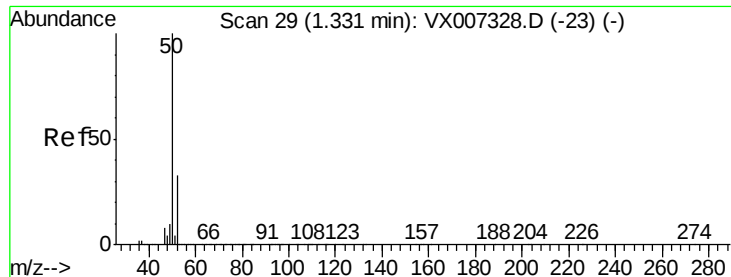
87 31.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.594 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

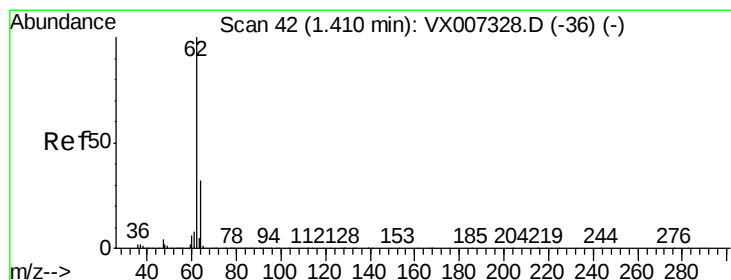
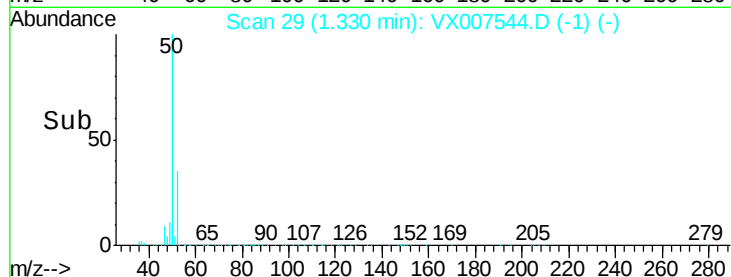
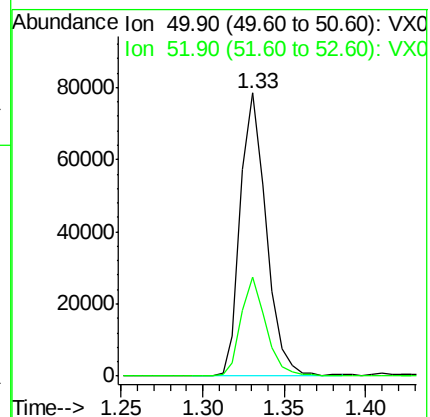
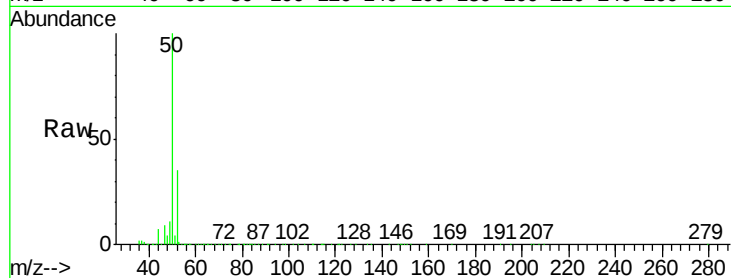
ClientSampleId :

Tot Ion: 50 Resp: 86683

Ion Ratio Lower Upper

50 100

52 34.8 26.1 39.1



#4

Vinyl Chloride

Concen: 18.796 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007544.D

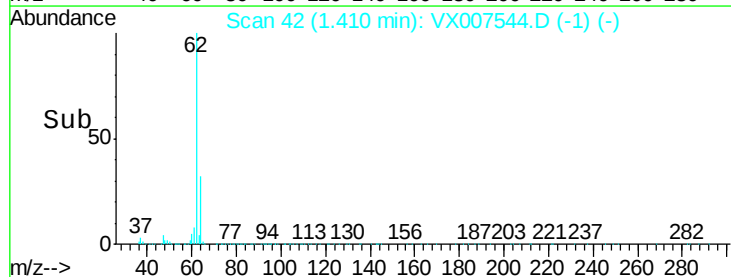
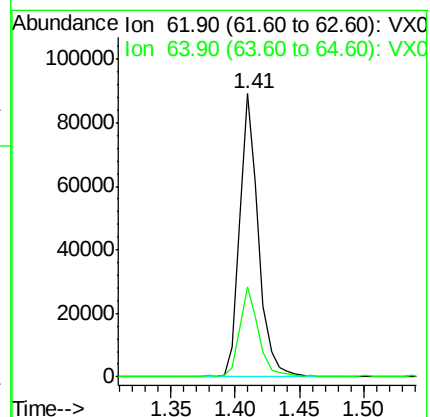
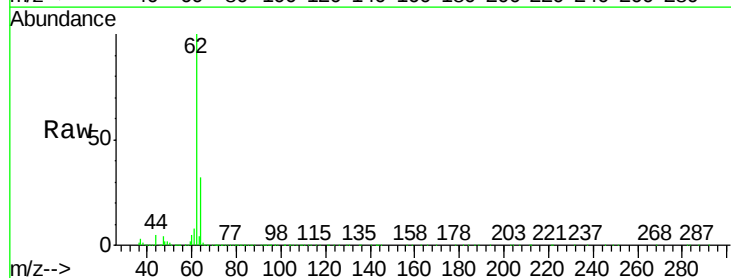
Acq: 14 Feb 2019 14:35

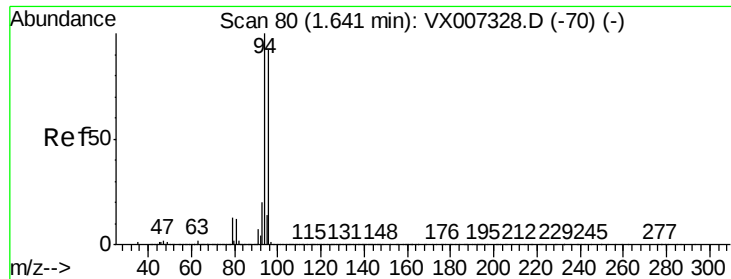
Tgt Ion: 62 Resp: 90847

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0





#5

Bromomethane

Concen: 15.512 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

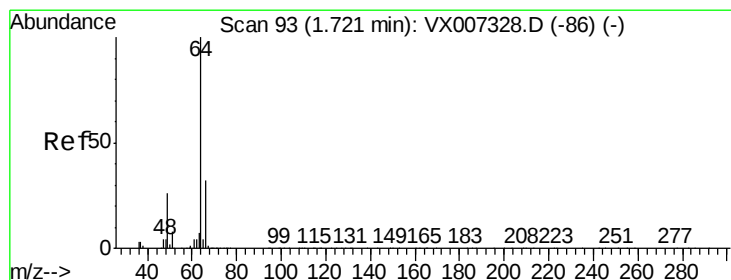
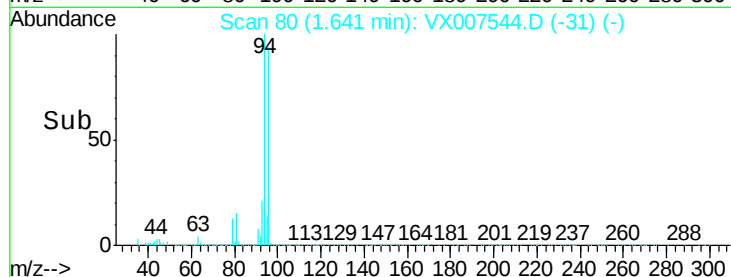
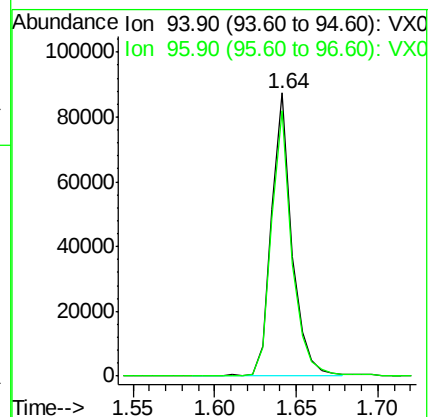
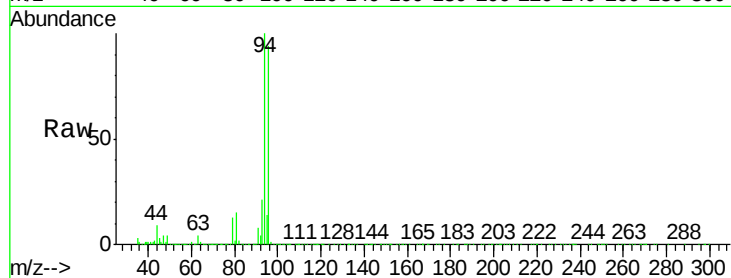
ClientSampleId :

Tot Ion: 94 Resp: 75752

Ion Ratio Lower Upper

94 100

96 93.5 73.9 110.9



#6

Chloroethane

Concen: 18.329 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007544.D

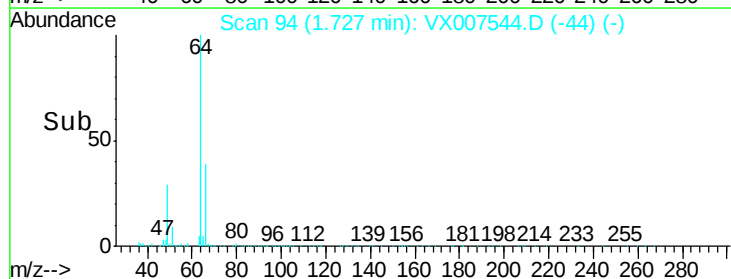
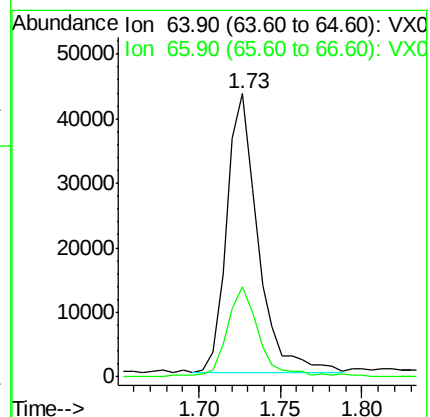
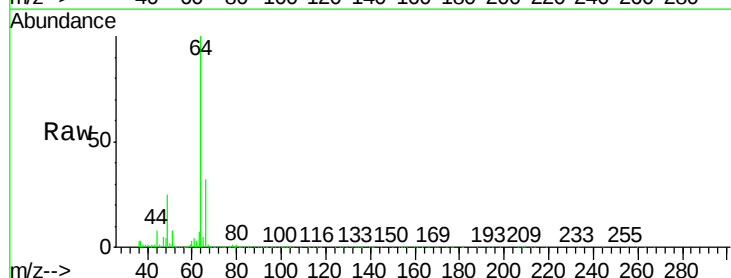
Acq: 14 Feb 2019 14:35

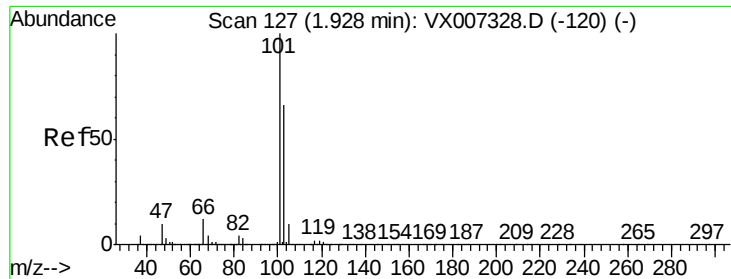
Tgt Ion: 64 Resp: 57309

Ion Ratio Lower Upper

64 100

66 31.7 25.5 38.3



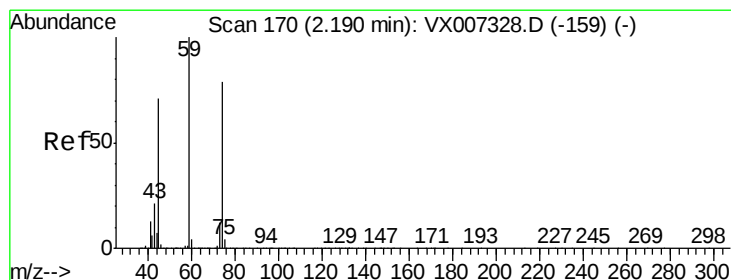
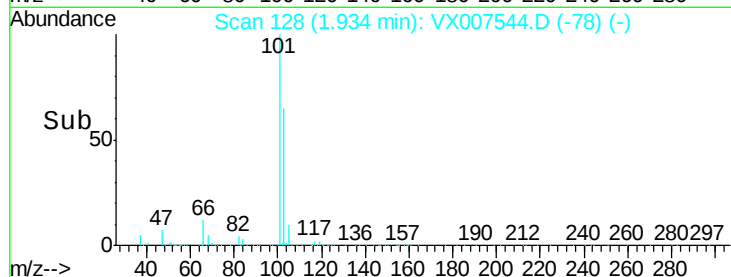
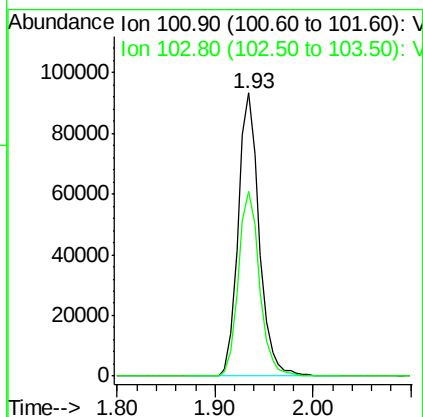
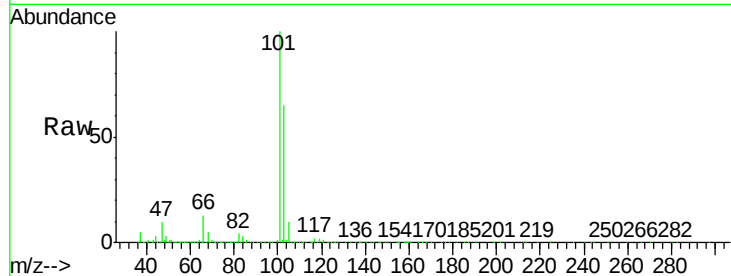


#7

Trichlorofluoromethane
Concen: 18.425 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Instrument :
MSVOA_X
ClientSampled :

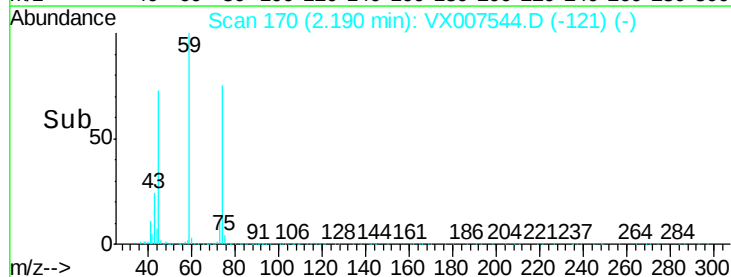
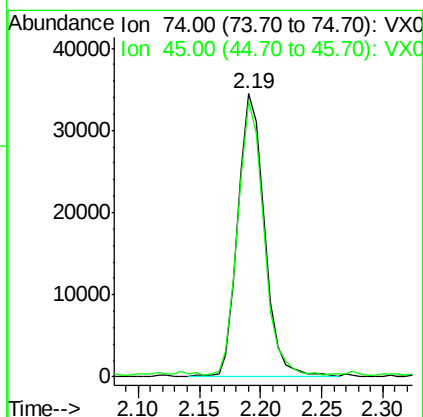
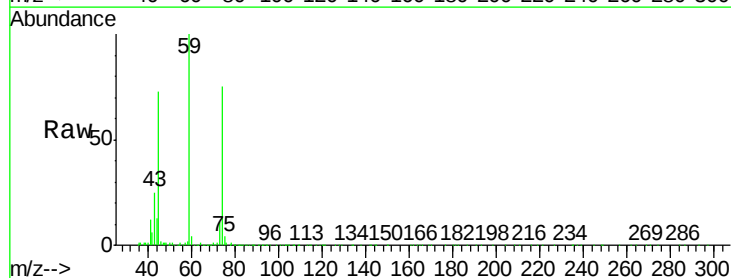
Tot Ion:101 Resp: 139312
Ion Ratio Lower Upper
101 100
103 65.2 52.6 79.0

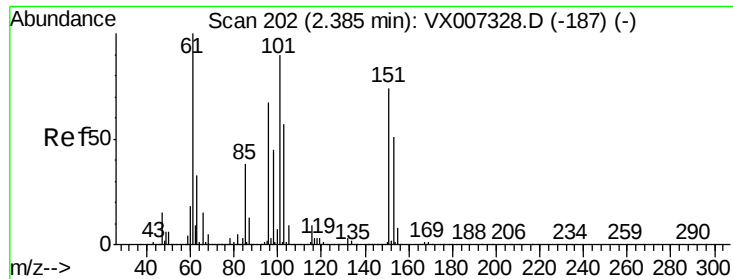


#8

Diethyl Ether
Concen: 18.112 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion: 74 Resp: 51544
Ion Ratio Lower Upper
74 100
45 94.9 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.887 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

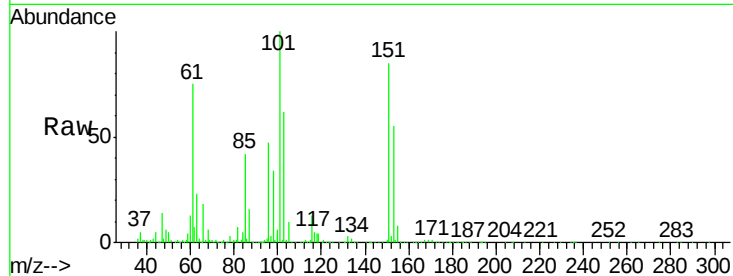
Tot Ion:101 Resp: 80448

Ion Ratio Lower Upper

101 100

85 44.7 34.1 51.1

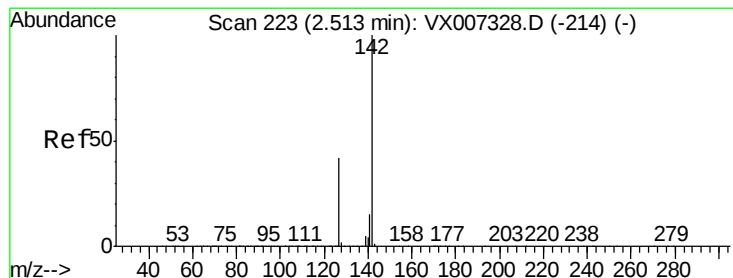
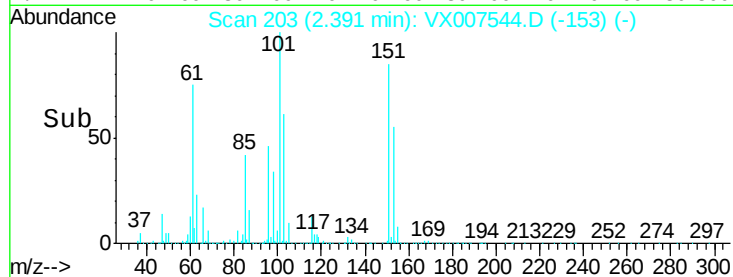
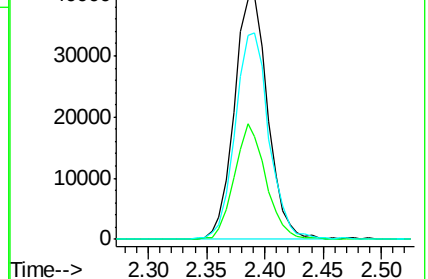
151 85.1 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.268 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

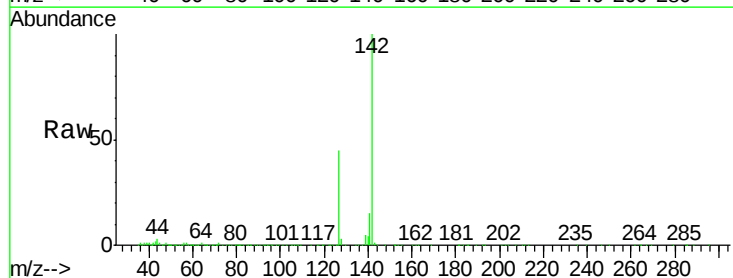
Tgt Ion:142 Resp: 101013

Ion Ratio Lower Upper

142 100

127 42.4 33.7 50.5

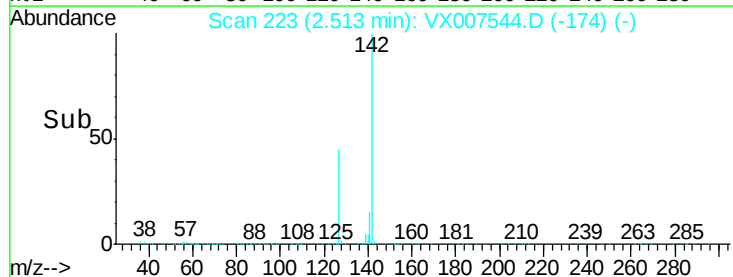
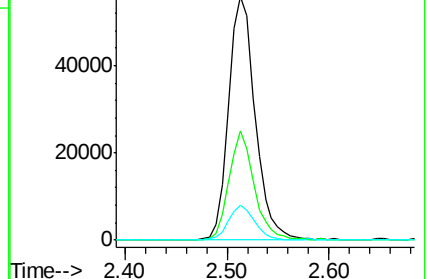
141 14.4 11.3 16.9

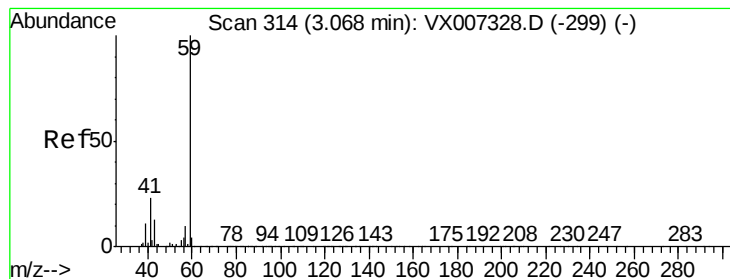


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



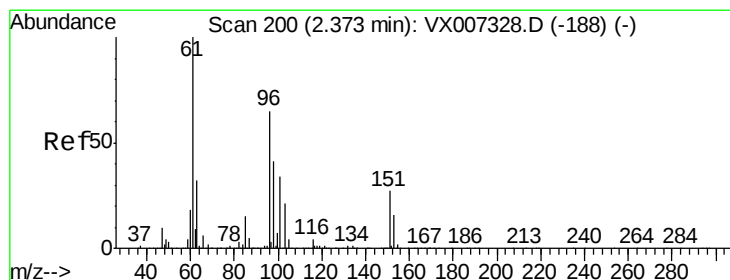
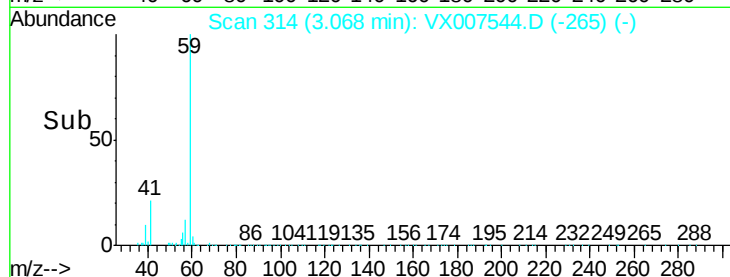
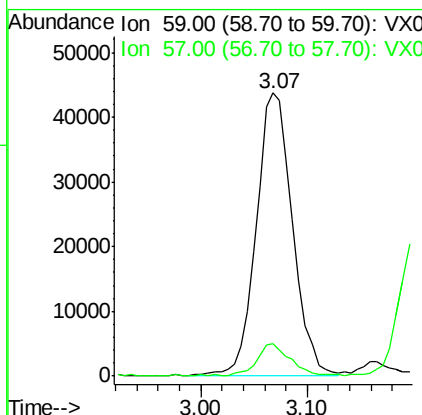
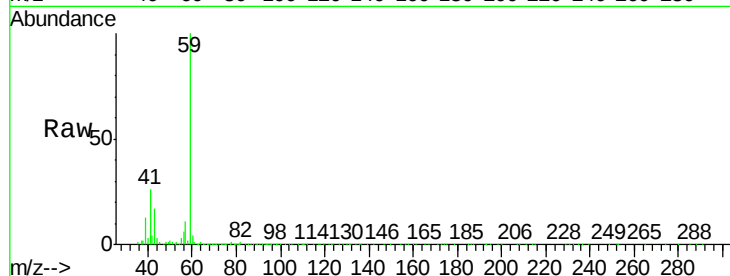


#11

Tert butyl alcohol
Concen: 107.389 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Instrument :
MSVOA_X
ClientSampleId :

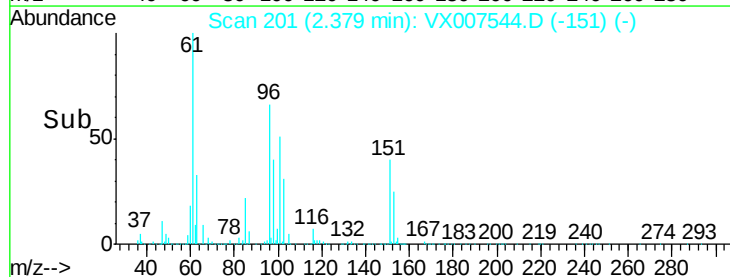
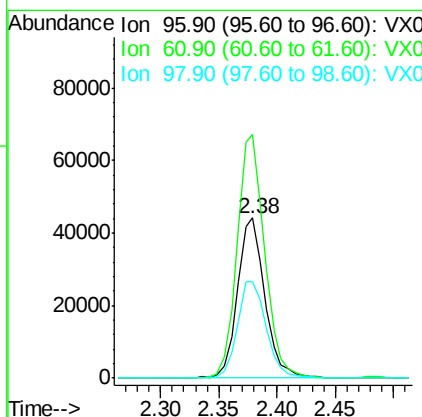
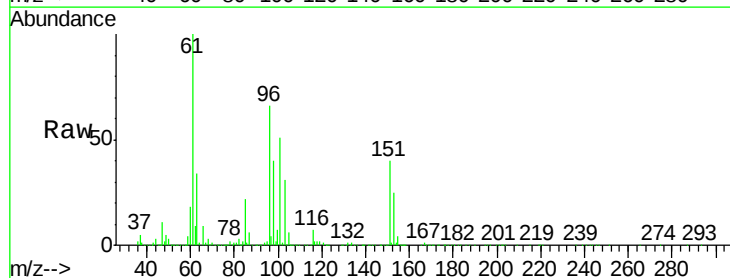
Tot Ion: 59 Resp: 103180
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1

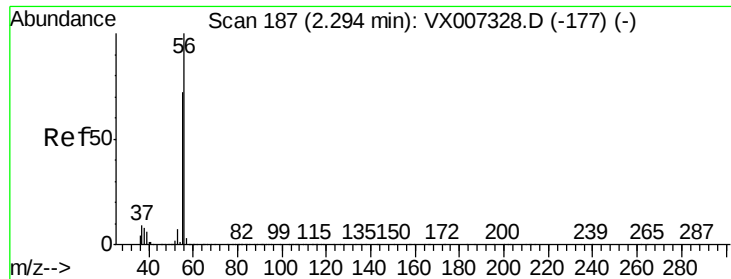


#12

1,1-Dichloroethene
Concen: 17.175 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion: 96 Resp: 71729
Ion Ratio Lower Upper
96 100
61 151.9 123.0 184.4
98 60.3 50.9 76.3





#13

Acrolein

Concen: 77.374 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

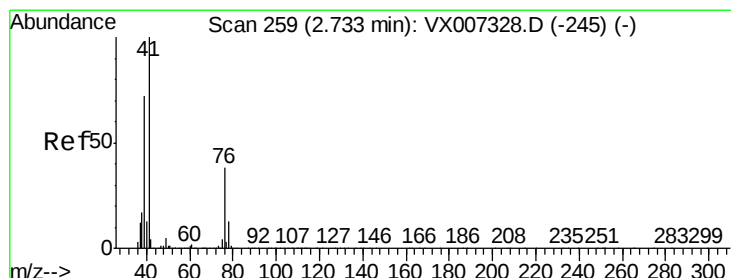
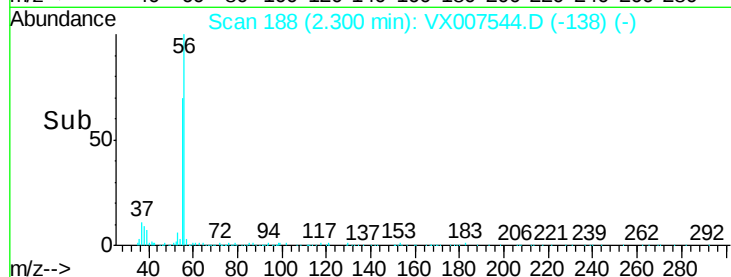
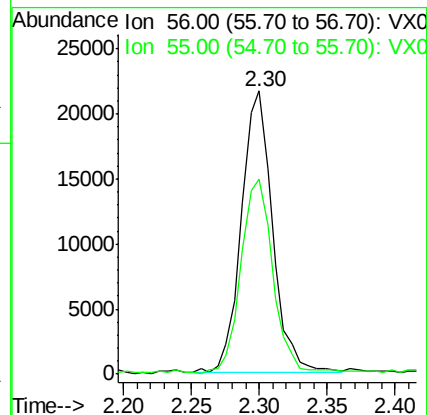
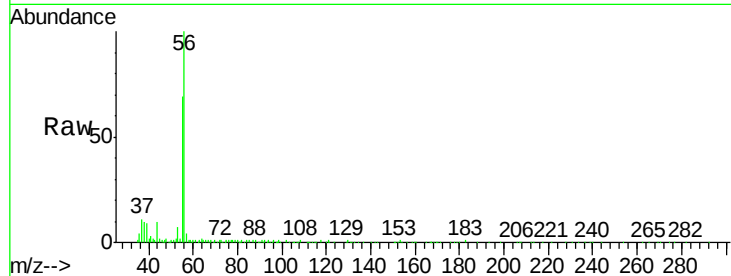
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 34861

Ion Ratio Lower Upper

56 100

55 73.0 56.9 85.3



#14

Allyl chloride

Concen: 18.915 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

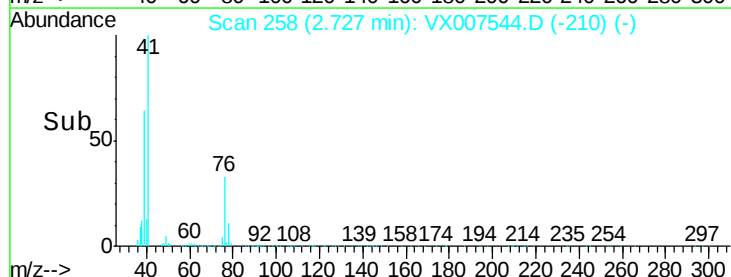
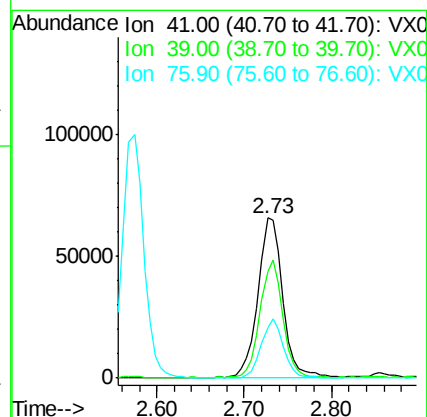
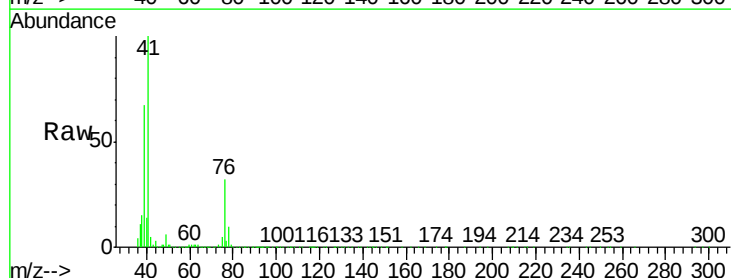
Tgt Ion: 41 Resp: 128711

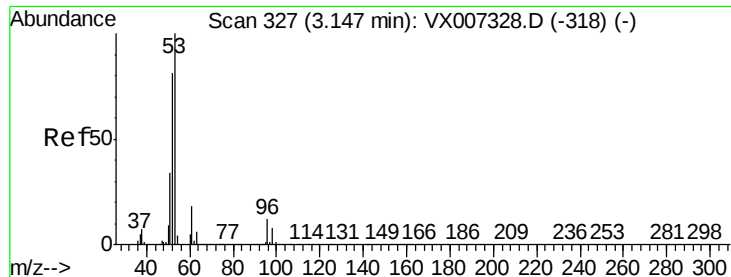
Ion Ratio Lower Upper

41 100

39 67.9 54.1 81.1

76 33.1 27.8 41.8





#15

Acrylonitrile

Concen: 99.887 ug/l

RT: 3.15 min Scan# 327

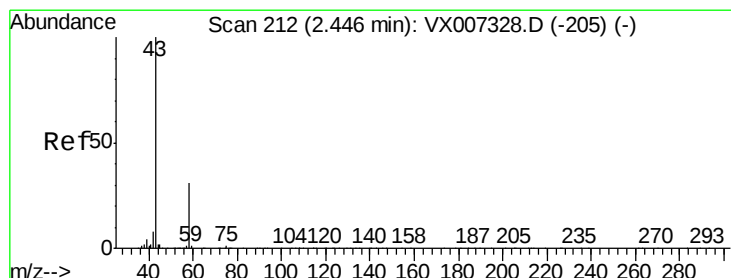
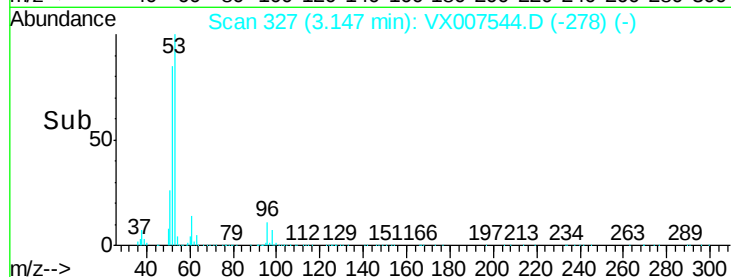
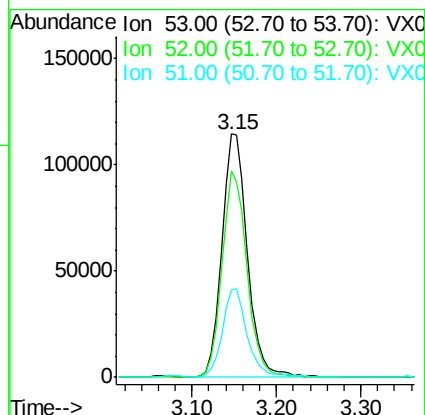
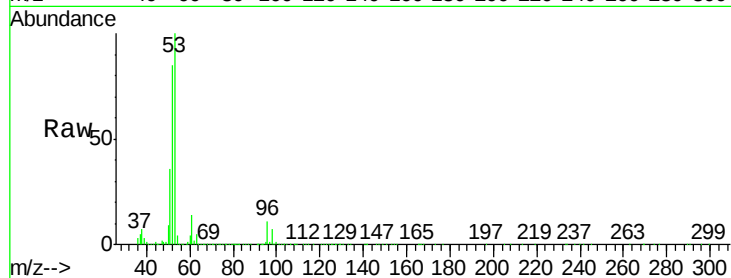
Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	53	Resp:	237415
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.4	99.6
51	35.6	28.4	42.6



#16

Acetone

Concen: 101.815 ug/l

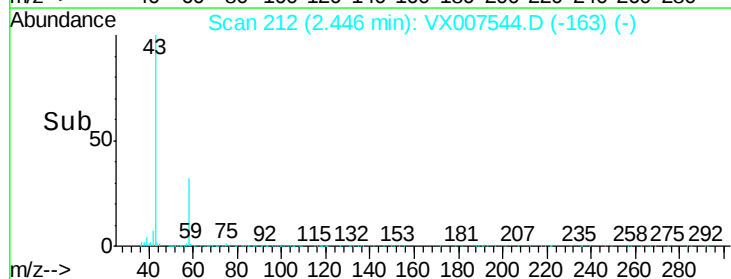
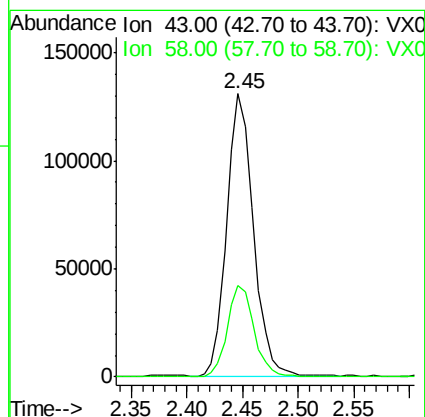
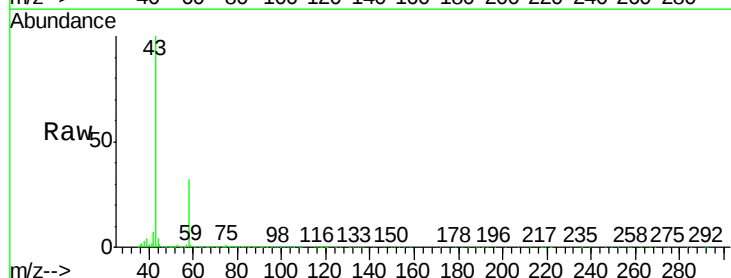
RT: 2.45 min Scan# 212

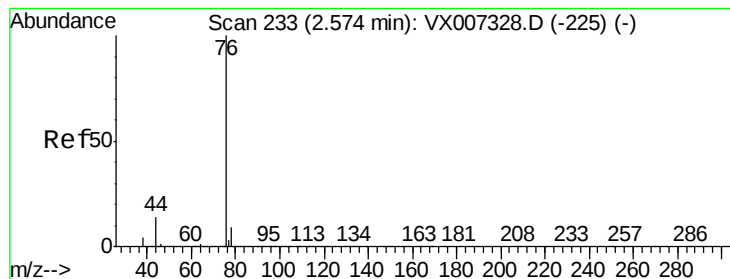
Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Tgt Ion:	43	Resp:	216529
Ion	Ratio	Lower	Upper
43	100		
58	32.3	24.9	37.3





#17

Carbon Disulfide

Concen: 17.014 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

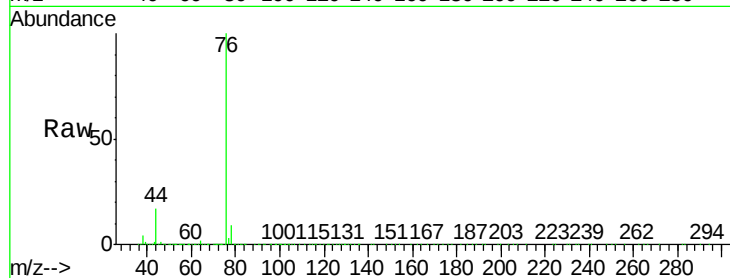
ClientSampled :

Tot Ion: 76 Resp: 169848

Ion Ratio Lower Upper

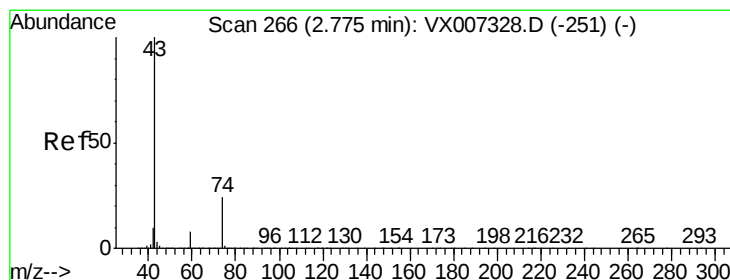
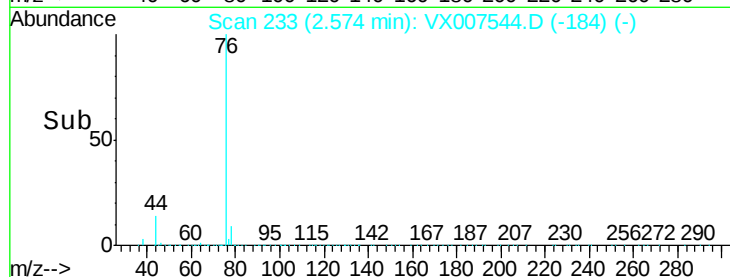
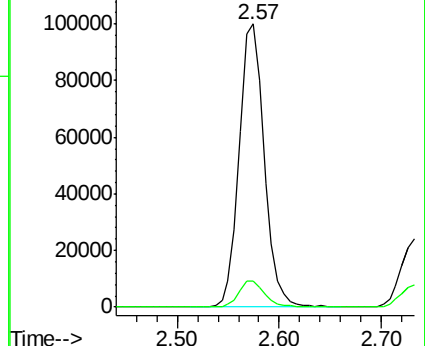
76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 25.259 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007544.D

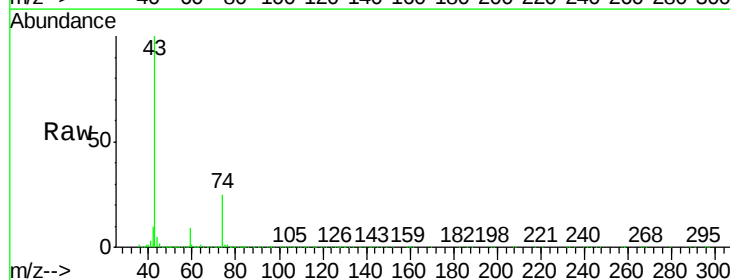
Acq: 14 Feb 2019 14:35

Tgt Ion: 43 Resp: 138316

Ion Ratio Lower Upper

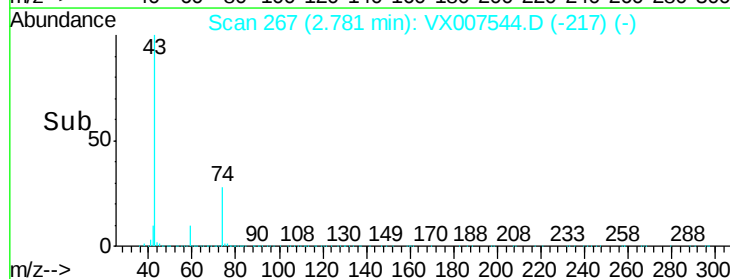
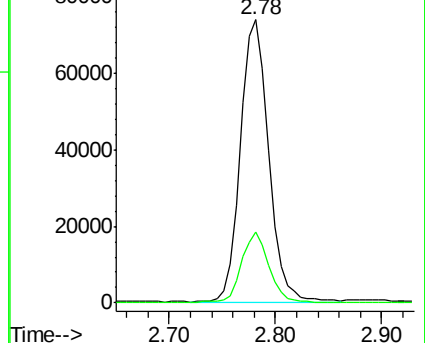
43 100

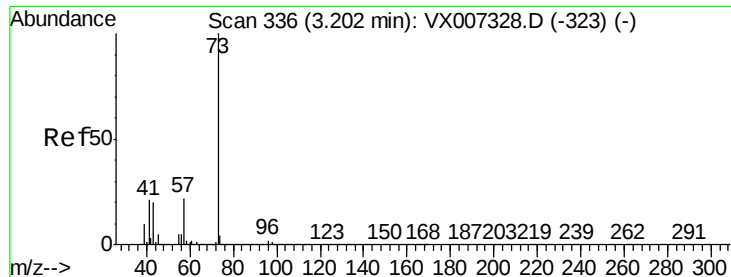
74 24.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

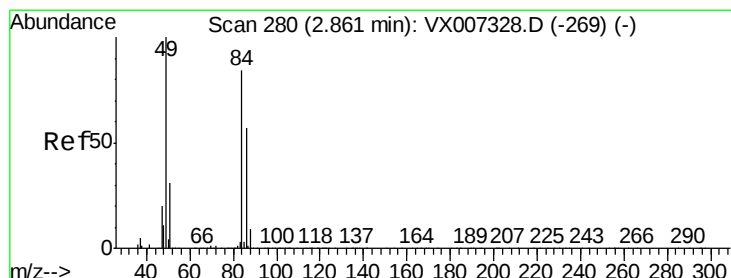
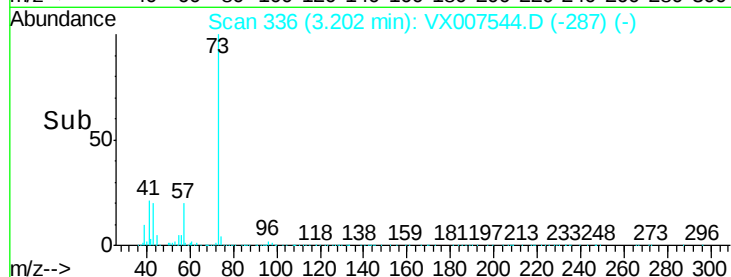
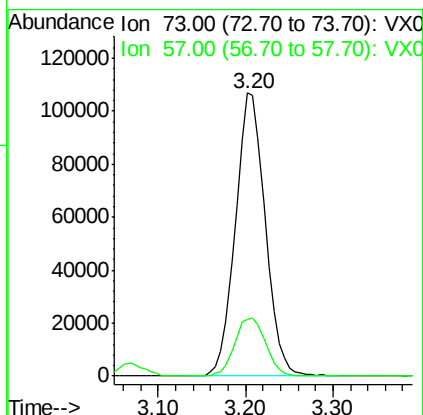
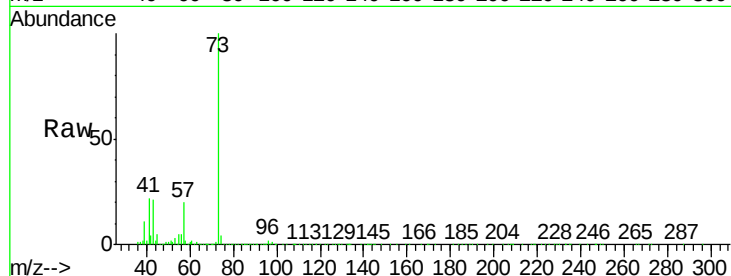




#19
Methvl tert-butvl Ether
Concen: 18.677 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

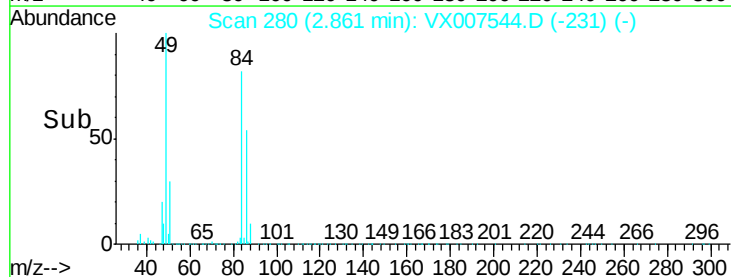
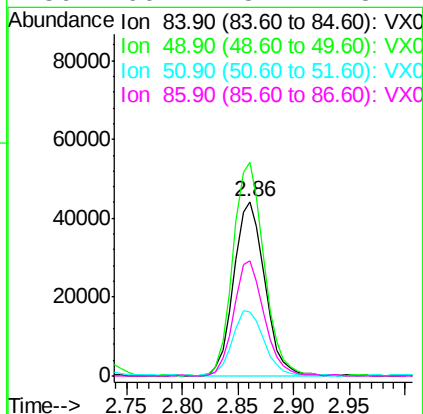
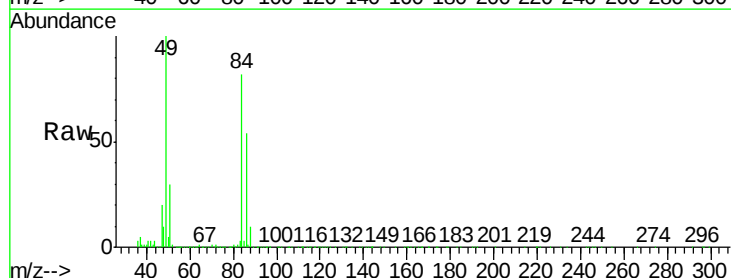
Instrument :
MSVOA_X
ClientSampleId :

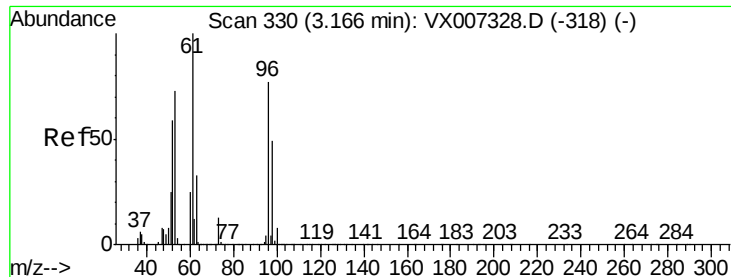
Tot Ion: 73 Resp: 252697
Ion Ratio Lower Upper
73 100
57 20.1 17.8 26.8



#20
Methylene Chloride
Concen: 19.373 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion: 84 Resp: 85201
Ion Ratio Lower Upper
84 100
49 122.3 94.8 142.2
51 36.7 29.8 44.8
86 66.2 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 17.184 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

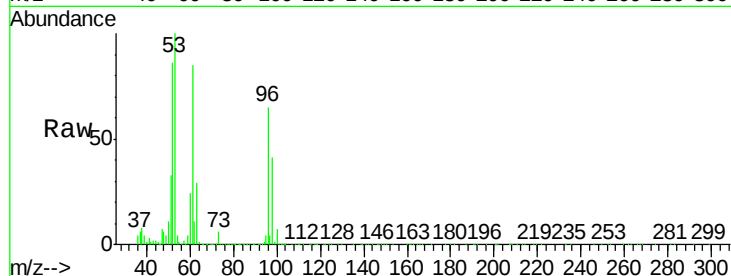
Tot Ion: 96 Resp: 76448

Ion Ratio Lower Upper

96 100

61 130.2 104.6 156.8

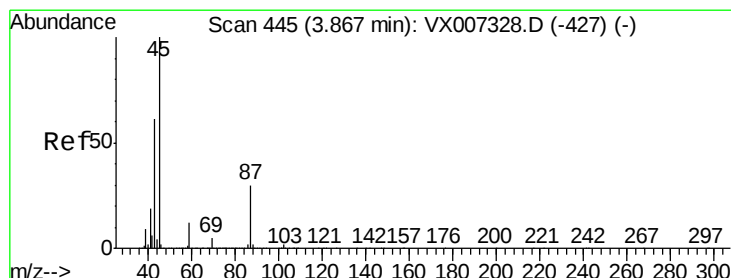
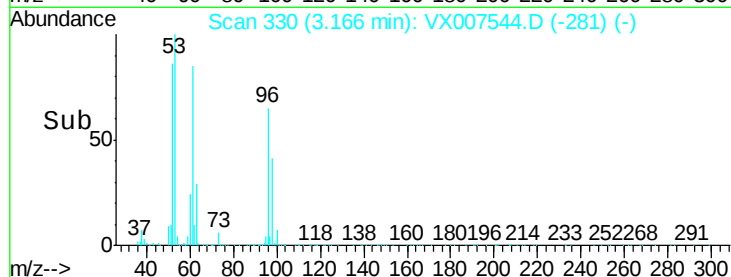
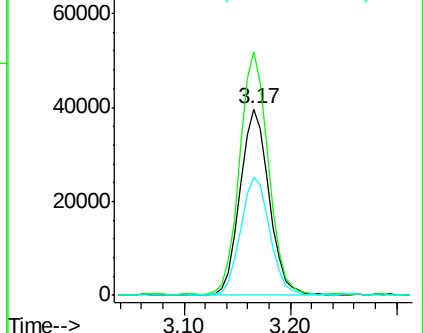
98 63.3 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.380 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Tgt Ion: 45 Resp: 242575

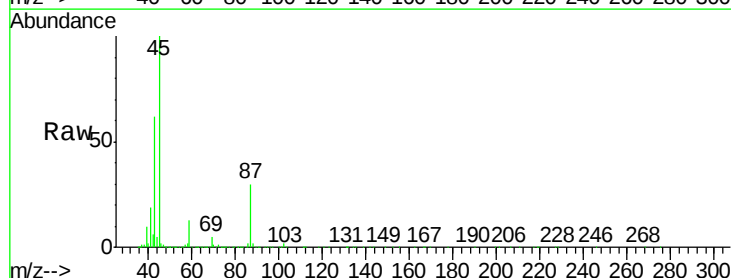
Ion Ratio Lower Upper

45 100

43 61.3 48.9 73.3

87 30.5 23.9 35.9

59 13.4 9.6 14.4

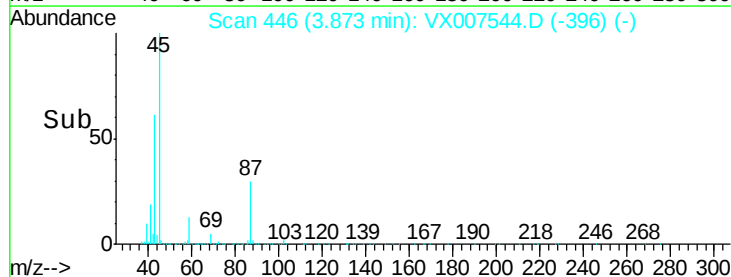
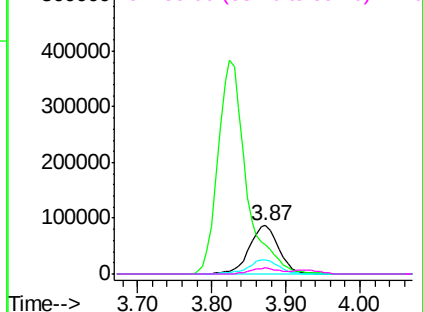


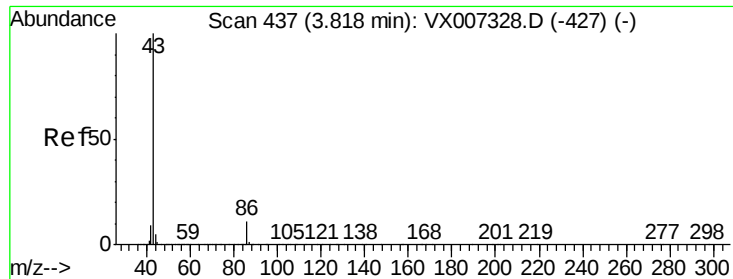
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 97.092 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

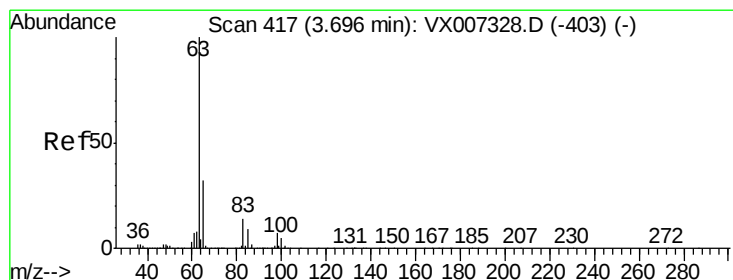
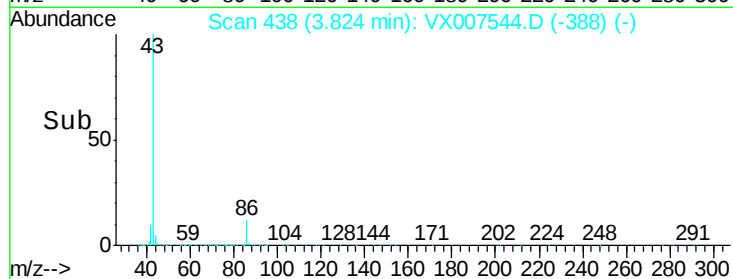
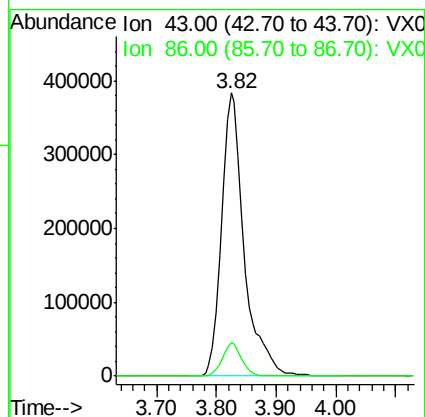
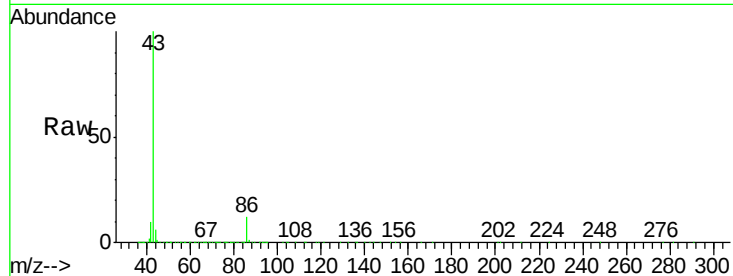
ClientSampled :

Tot Ion: 43 Resp: 1008481

Ion Ratio Lower Upper

43 100

86 11.8 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.017 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

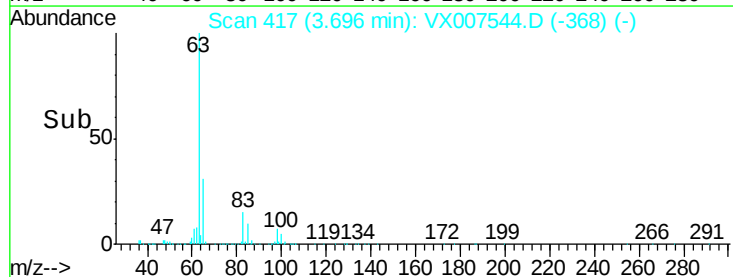
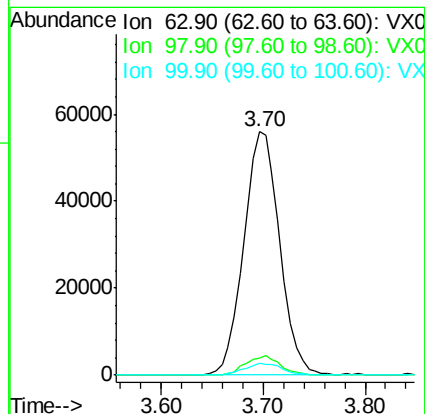
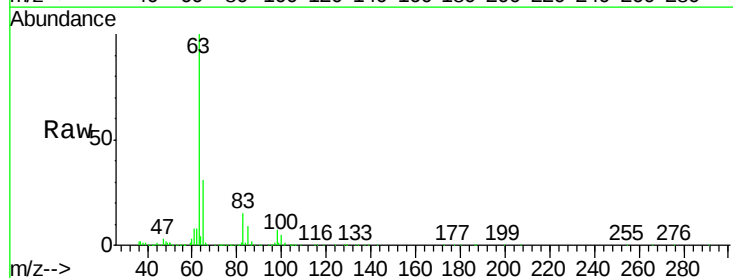
Tgt Ion: 63 Resp: 136701

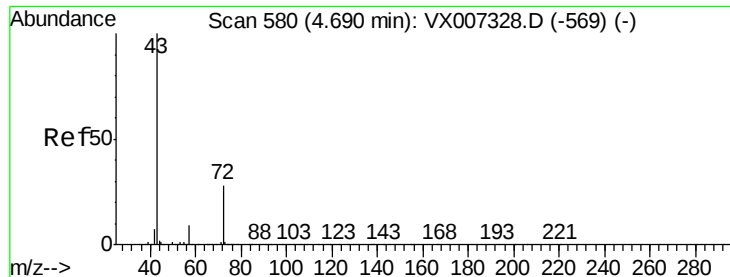
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 103.999 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

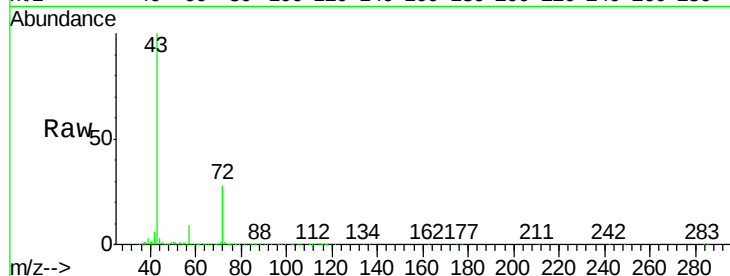
ClientSampled :

Tot Ion: 43 Resp: 314758

Ion Ratio Lower Upper

43 100

72 27.7 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

40000

20000

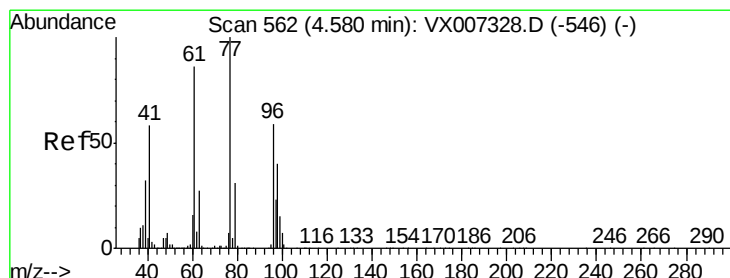
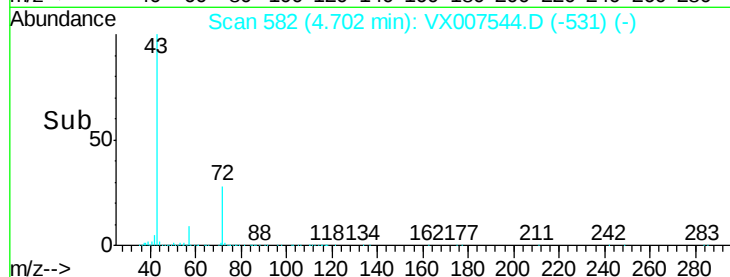
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 17.940 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007544.D

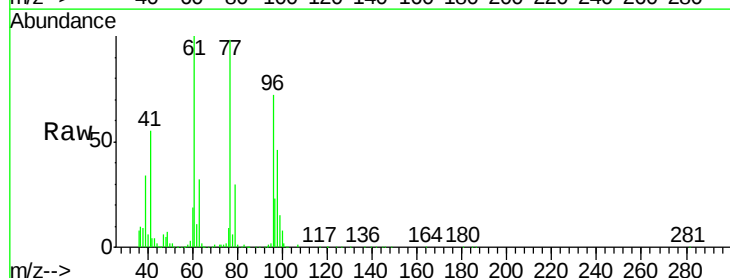
Acq: 14 Feb 2019 14:35

Tgt Ion: 77 Resp: 98206

Ion Ratio Lower Upper

77 100

97 25.3 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

20000

10000

0

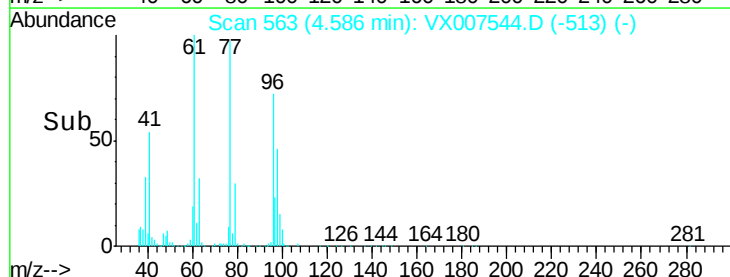
4.40

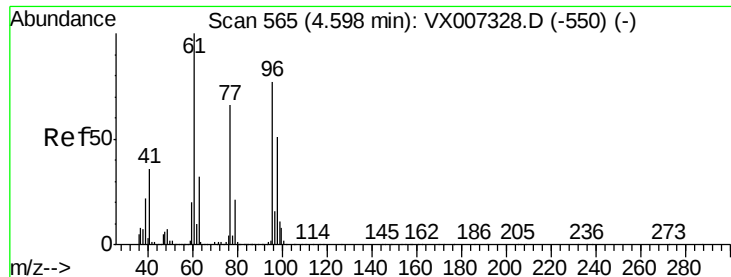
4.50

4.60

4.70

Time-->



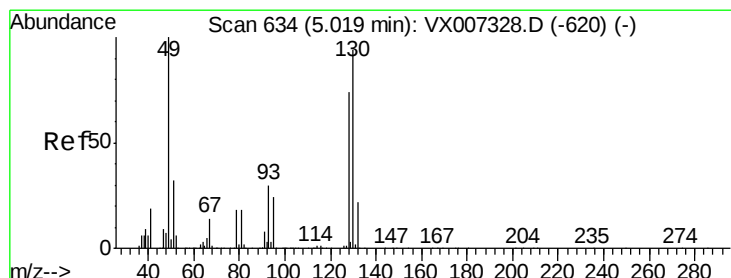
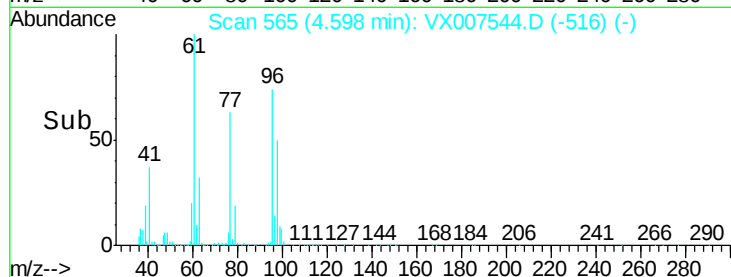
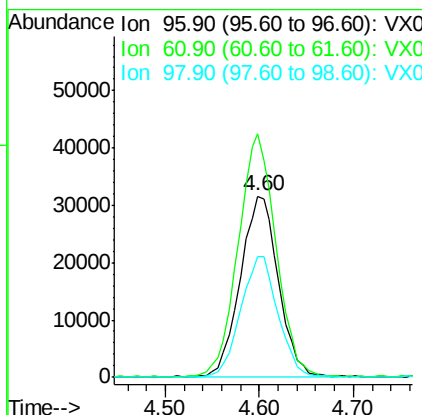
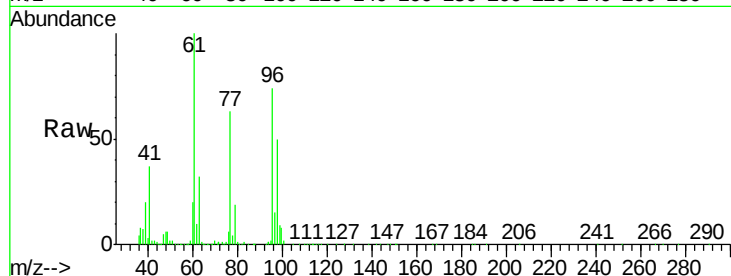


#27

cis-1,2-Dichloroethene
Concen: 18.420 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Instrument :
MSVOA_X
ClientSampled :

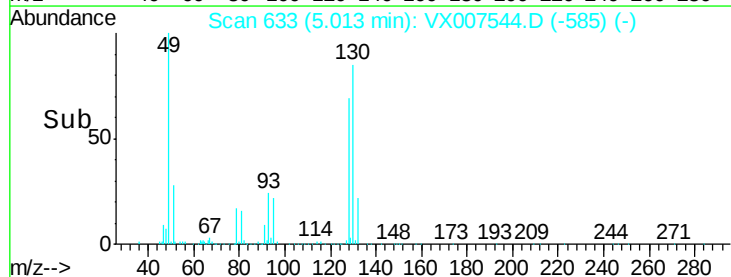
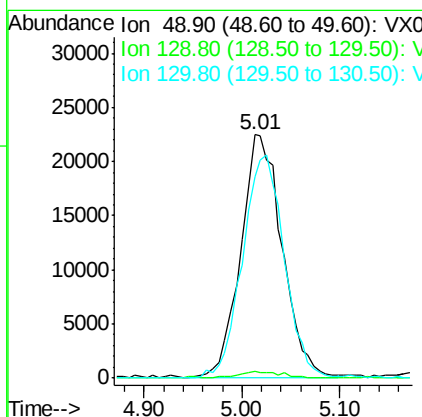
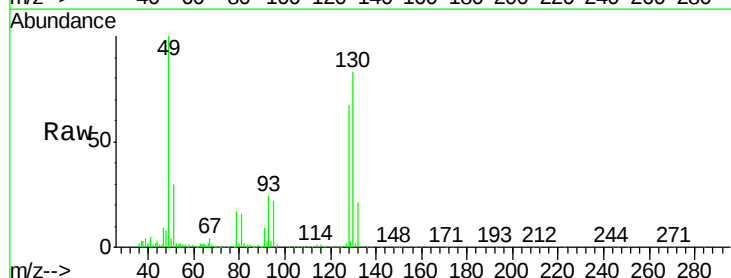
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.9	0.0	265.6
98	65.5	0.0	131.6

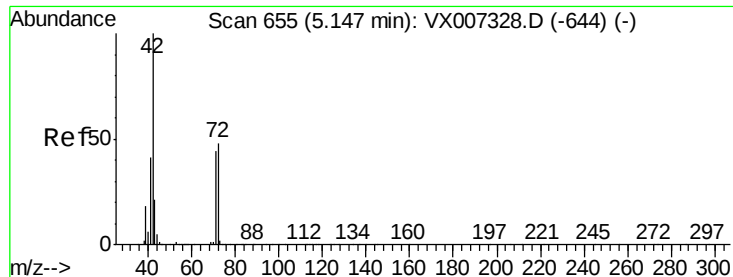


#28

Bromochloromethane
Concen: 20.005 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.6
130	92.4	75.6	113.4

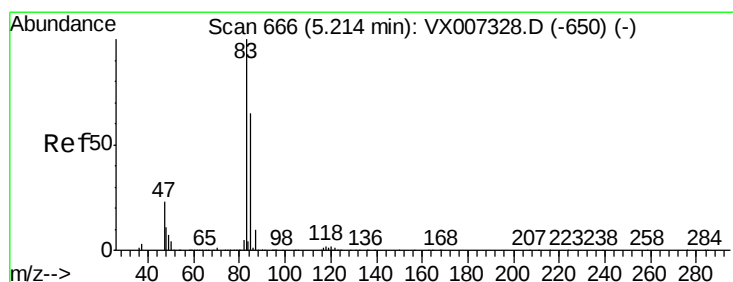
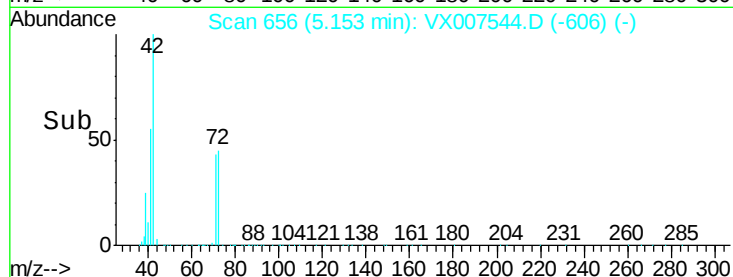
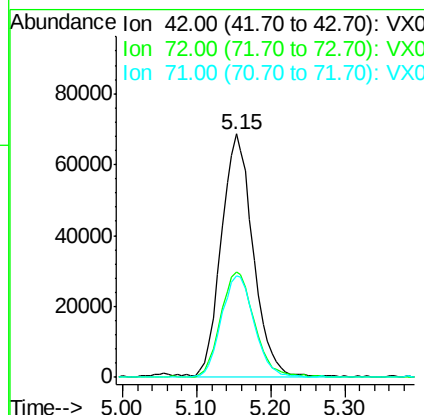
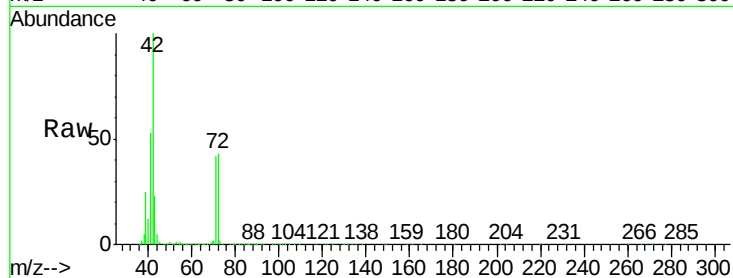




#29
Tetrahydrofuran
Concen: 105.993 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

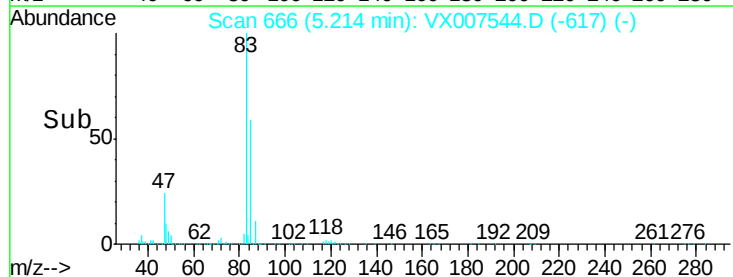
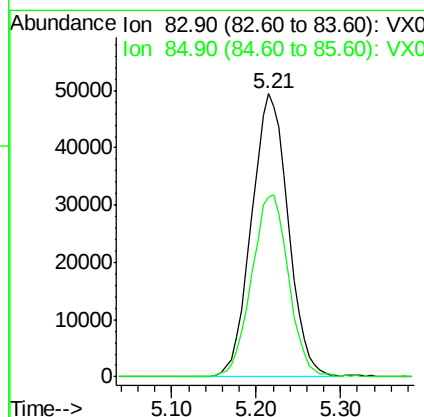
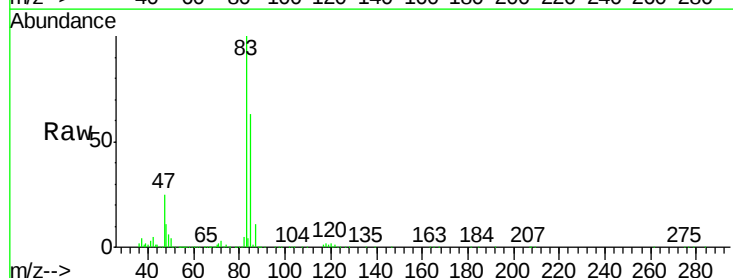
Instrument :
MSVOA_X
ClientSampleId :

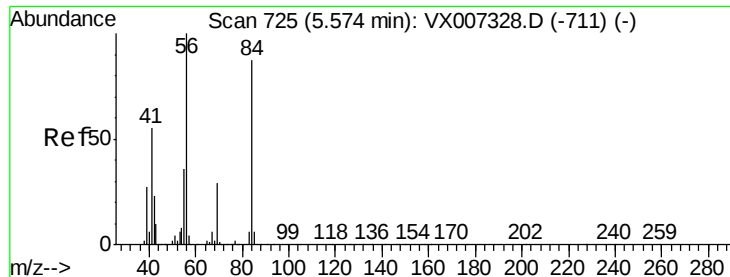
Tot Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.6	56.4
71	43.7	34.6	51.8



#30
Chloroform
Concen: 19.495 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.6	77.4

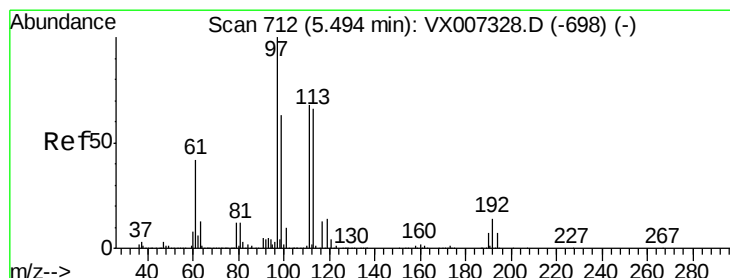
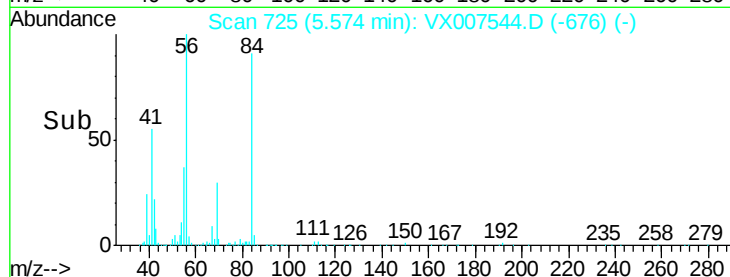
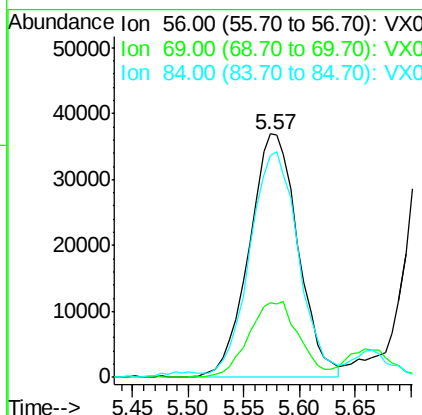
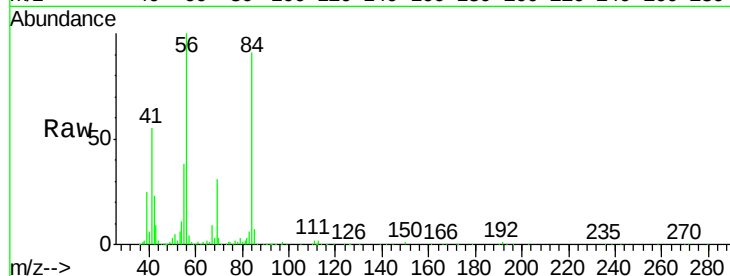




#31
Cyclohexane
Concen: 17.338 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

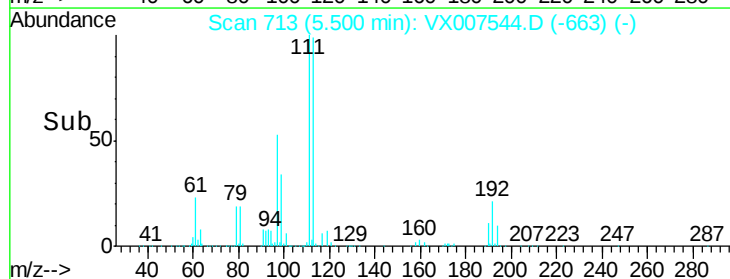
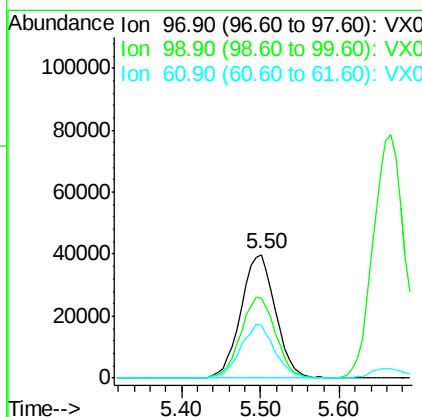
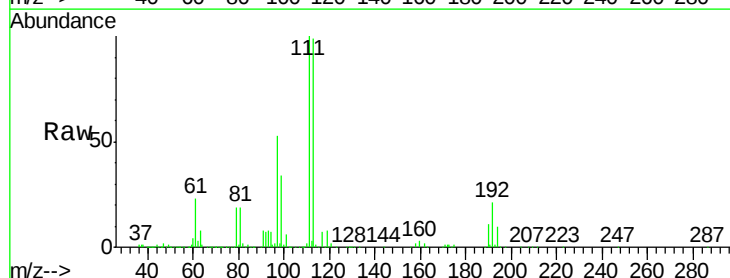
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 111933
Ion Ratio Lower Upper
56 100
69 30.3 23.0 34.6
84 89.2 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 19.151 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion: 97 Resp: 121251
Ion Ratio Lower Upper
97 100
99 66.3 52.2 78.2
61 43.1 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 50.599 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

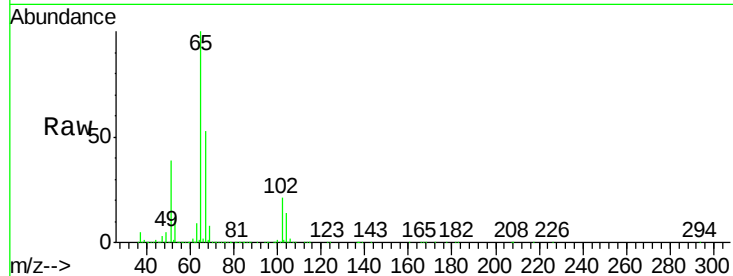
ClientSampleId :

Tot Ion: 65 Resp: 234915

Ion Ratio Lower Upper

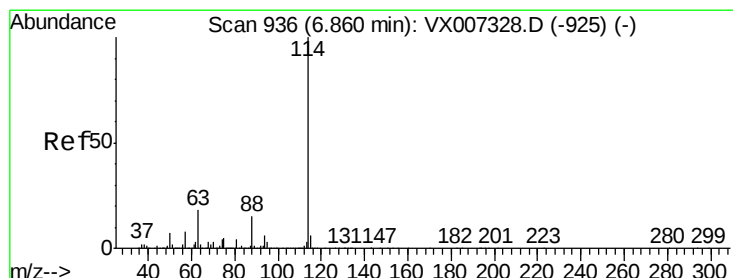
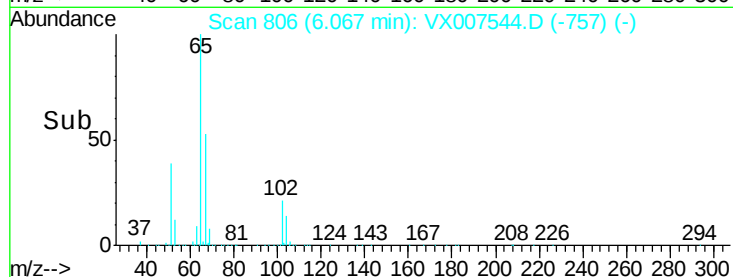
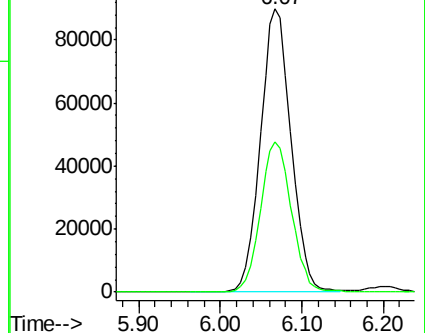
65 100

67 53.7 0.0 108.8



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: VX007544.D

Acq: 14 Feb 2019 14:35

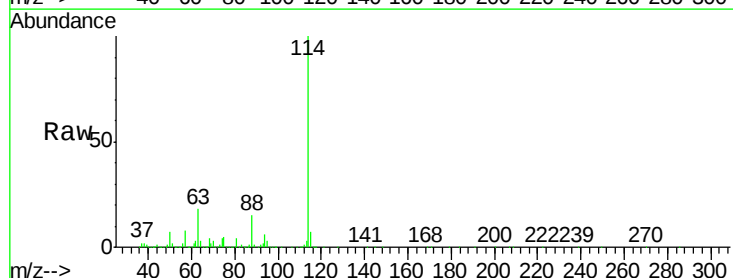
Tgt Ion: 114 Resp: 651926

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.6

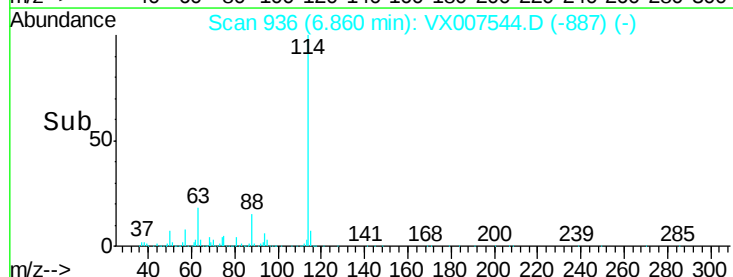
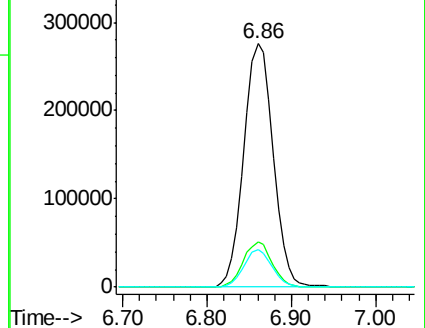
88 15.3 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

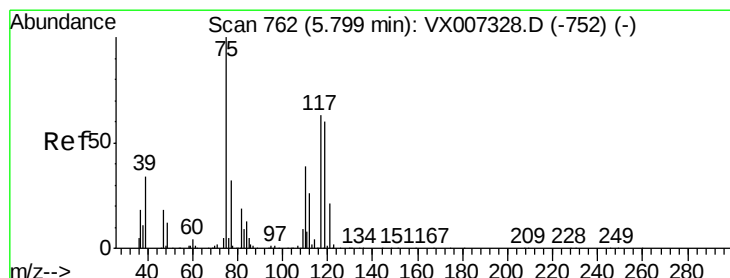
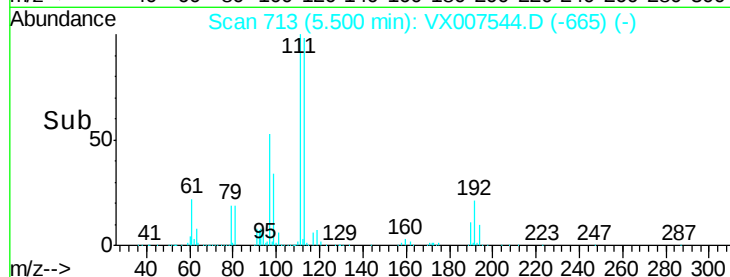
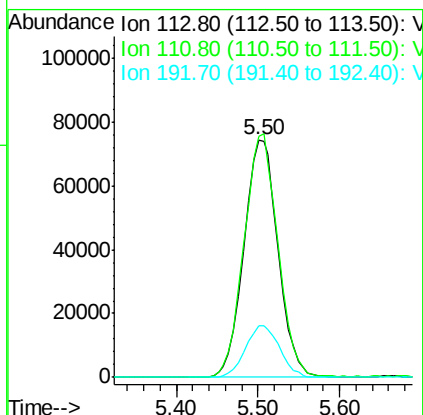
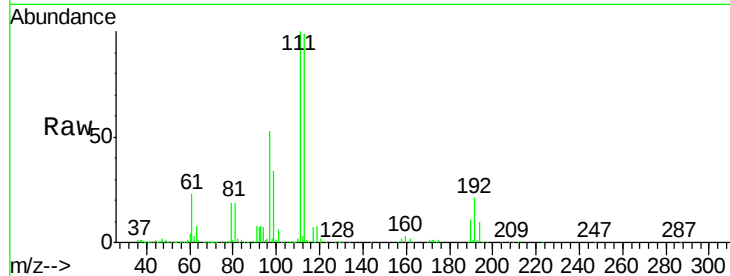




#35
 Dibromofluoromethane
 Concen: 50.988 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

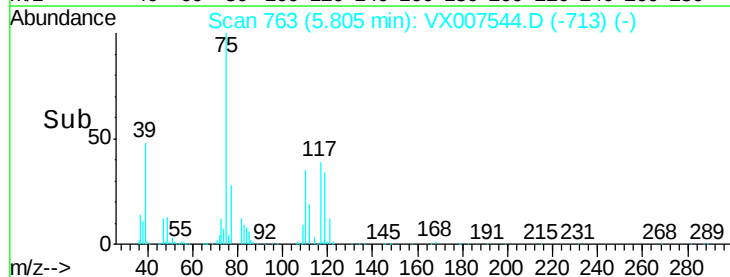
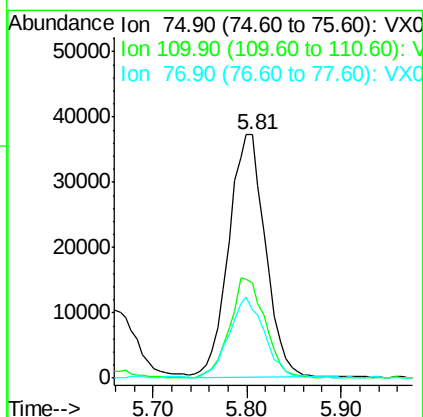
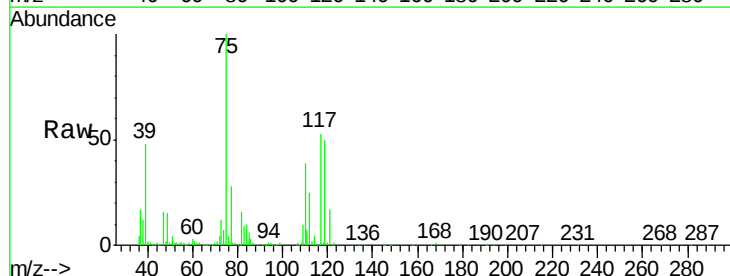
Instrument :
 MSVOA_X
 ClientSampled :

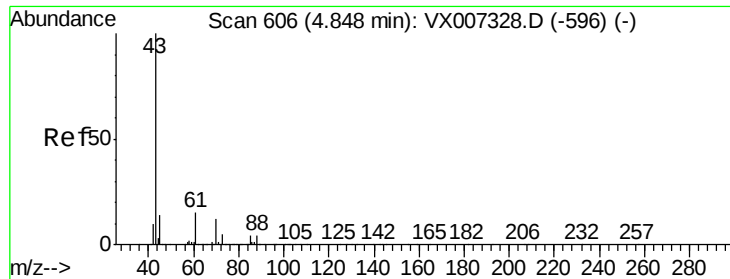
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.8
192	22.0	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 17.202 ug/l
 RT: 5.81 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.5	20.0	59.9
77	31.8	24.7	37.1

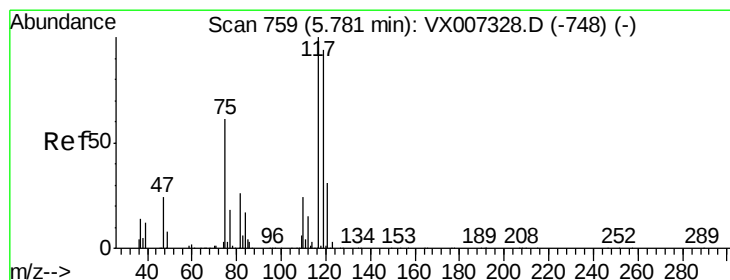
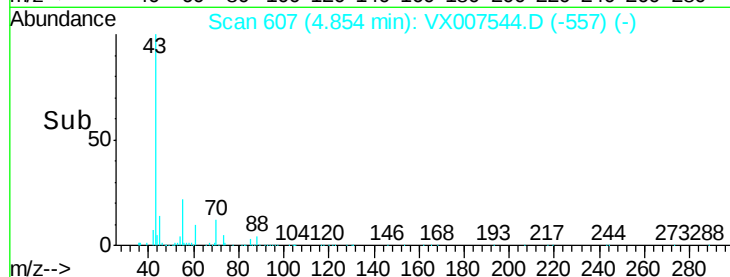
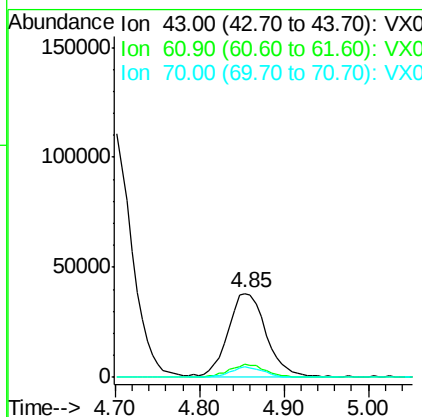
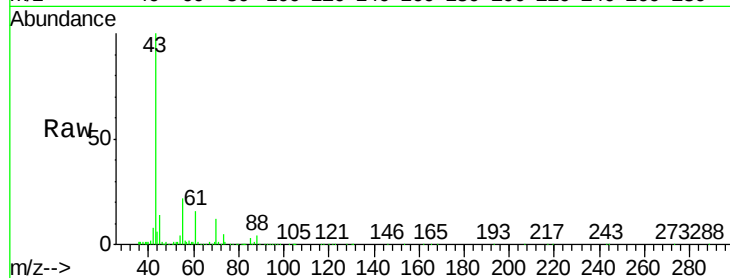




#37
Ethyl Acetate
Concen: 19.549 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

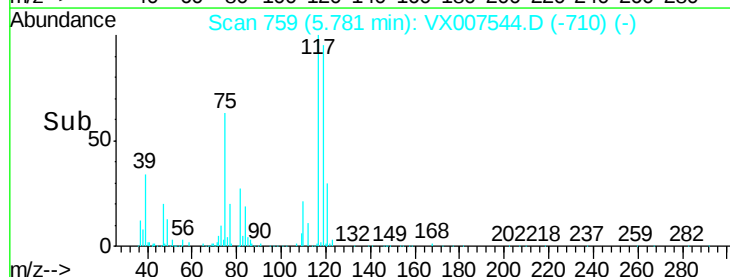
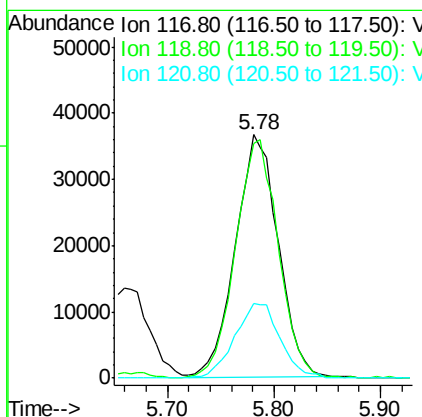
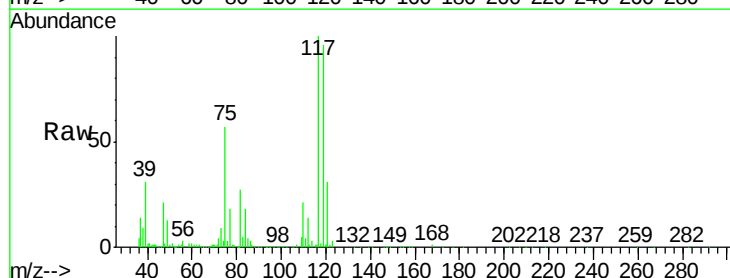
Instrument :
MSVOA_X
ClientSampleId :

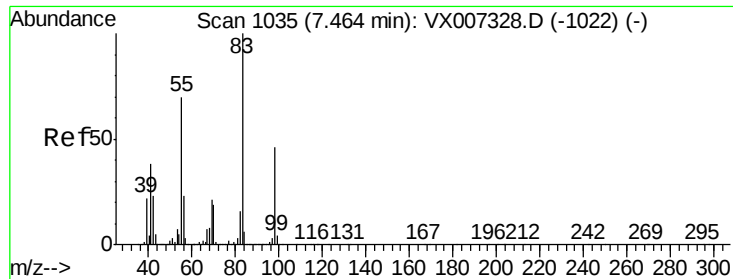
Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.3	16.9
70	10.7	8.6	13.0



#38
Carbon Tetrachloride
Concen: 18.174 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.3	112.9
121	30.8	25.0	37.4

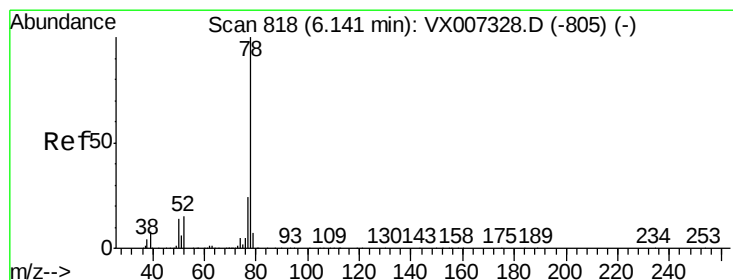
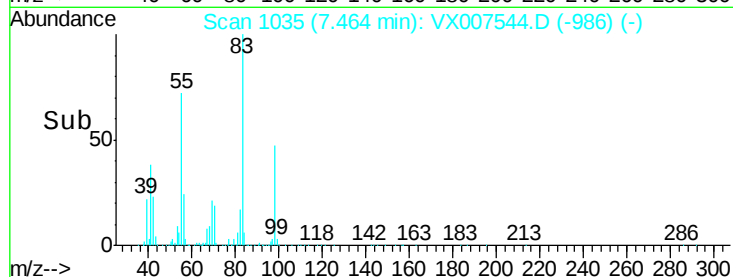
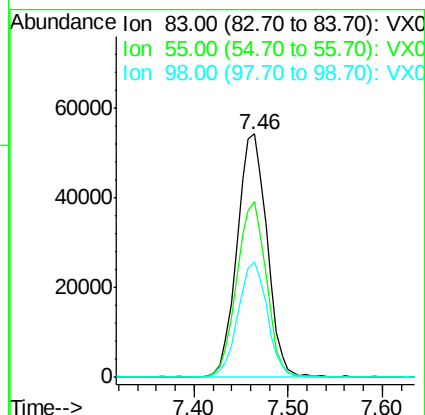
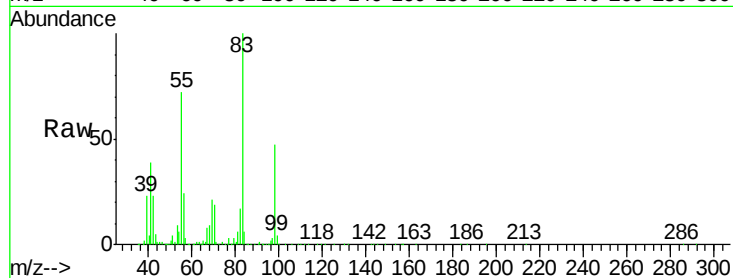




#39
Methvlcvclohexane
Concen: 17.030 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

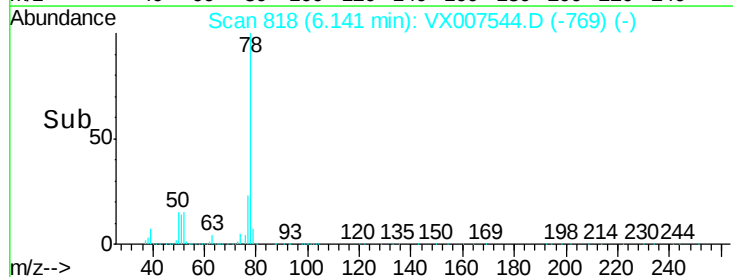
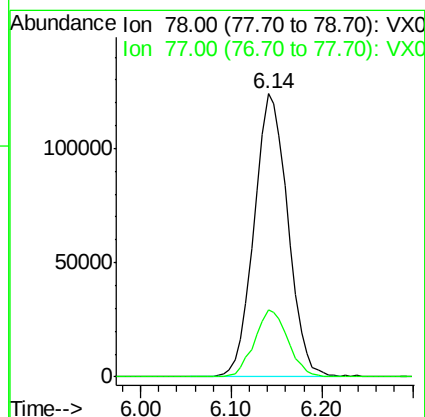
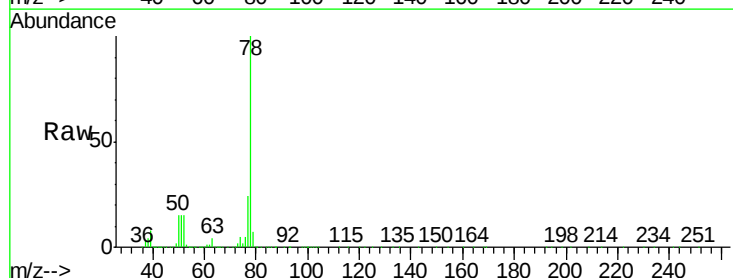
Instrument :
MSVOA_X
ClientSampleId :

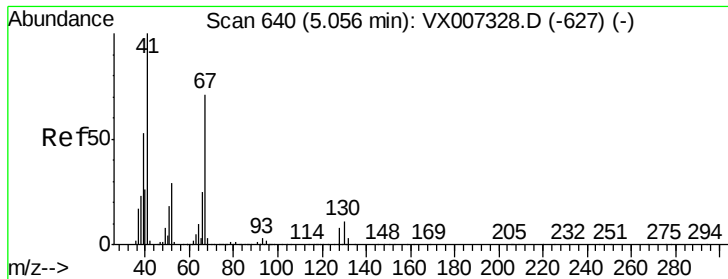
Tot Ion: 83 Resp: 120523
Ion Ratio Lower Upper
83 100
55 71.9 56.2 84.2
98 47.3 36.8 55.2



#40
Benzene
Concen: 18.529 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion: 78 Resp: 319259
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9

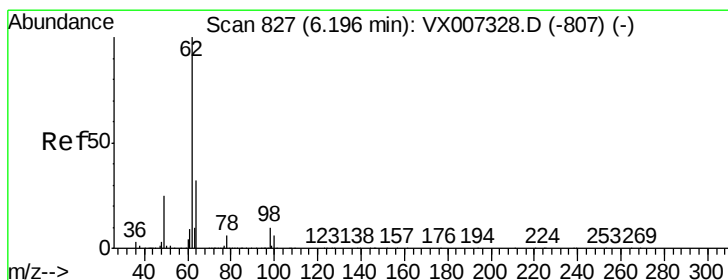
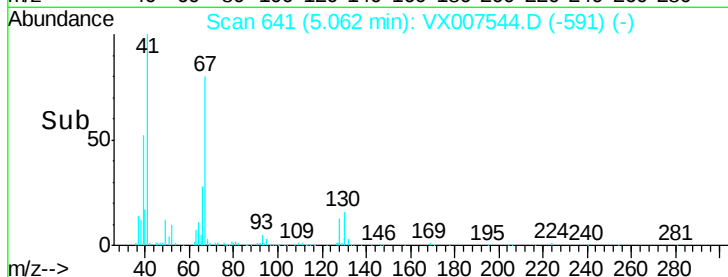
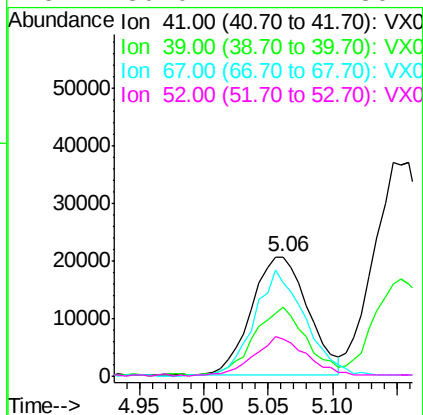
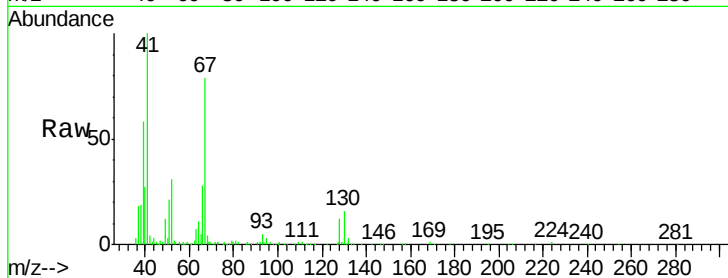




#41
Methacrylonitrile
Concen: 19.697 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

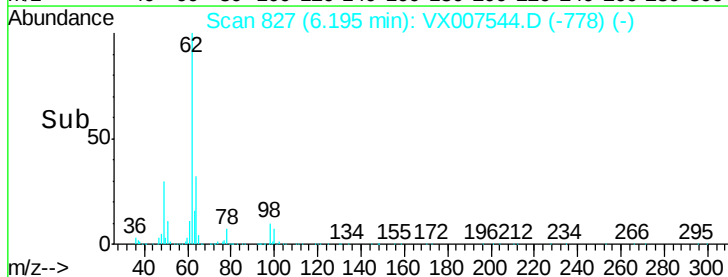
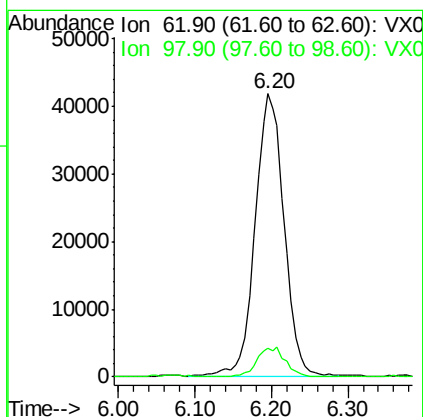
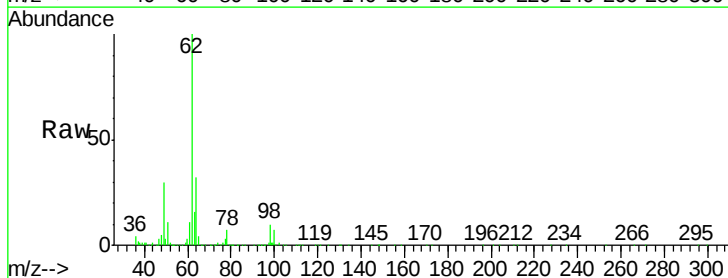
Instrument :
MSVOA_X
ClientSampled :

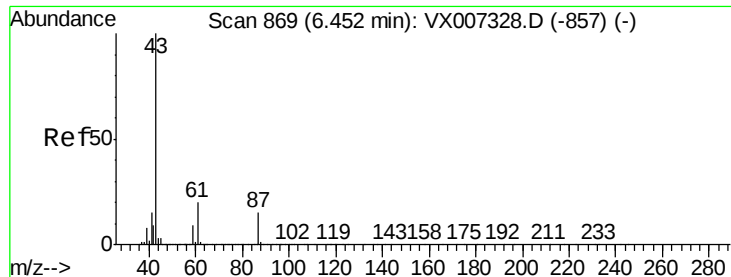
Tot Ion:	41	Resp:	62421
Ion	Ratio	Lower	Upper
41	100		
39	53.0	44.5	66.7
67	81.9	60.4	90.6
52	30.0	24.1	36.1



#42
1,2-Dichloroethane
Concen: 18.657 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion:	62	Resp:	111225
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.0



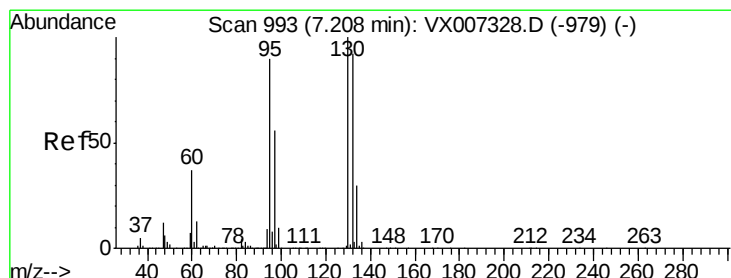
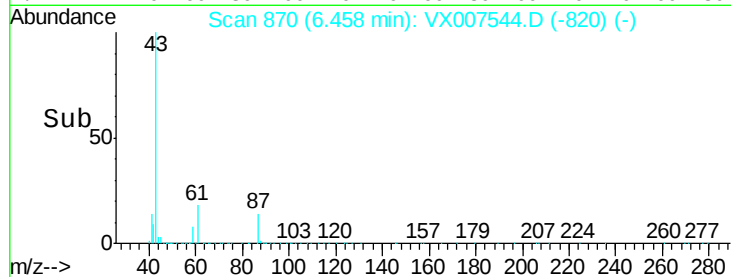
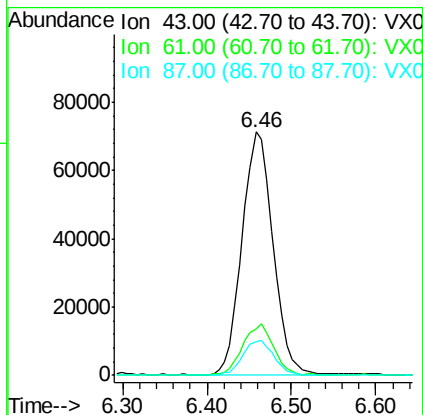
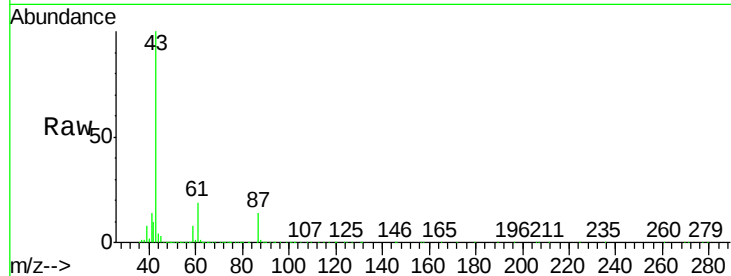


#43

Isopropyl Acetate
 Concen: 19.566 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Instrument :
 MSVOA_X
 ClientSampleId :

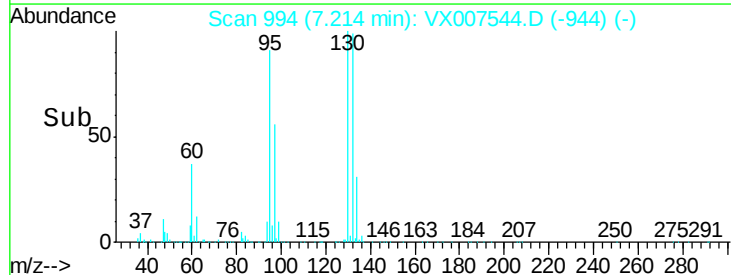
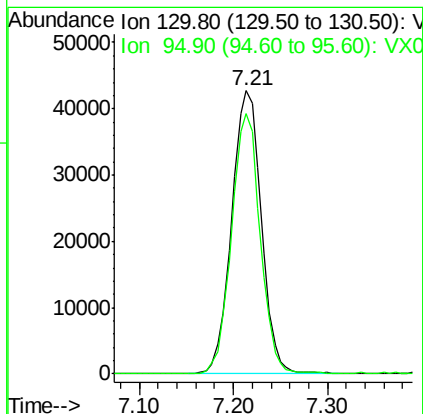
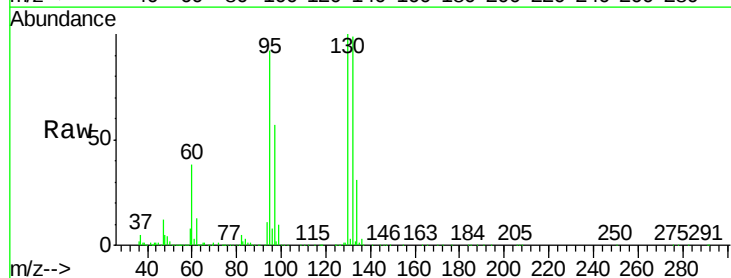
Tot Ion: 43 Resp: 178575
 Ion Ratio Lower Upper
 43 100
 61 20.9 16.1 24.1
 87 14.4 11.5 17.3

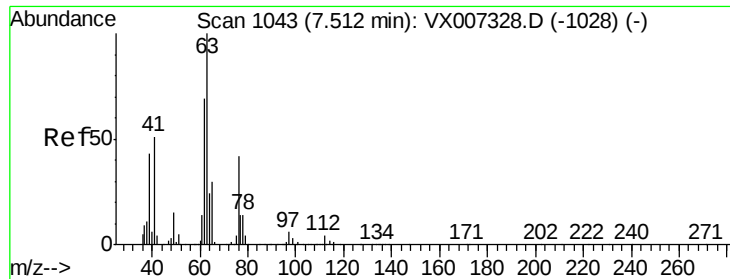


#44

Trichloroethene
 Concen: 17.986 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Tgt Ion: 130 Resp: 93337
 Ion Ratio Lower Upper
 130 100
 95 91.6 0.0 180.0





#45

1,2-Dichloropropane

Concen: 19.100 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

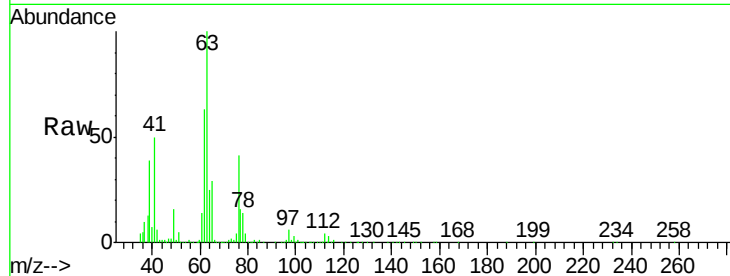
ClientSampleId :

Tot Ion: 63 Resp: 82459

Ion Ratio Lower Upper

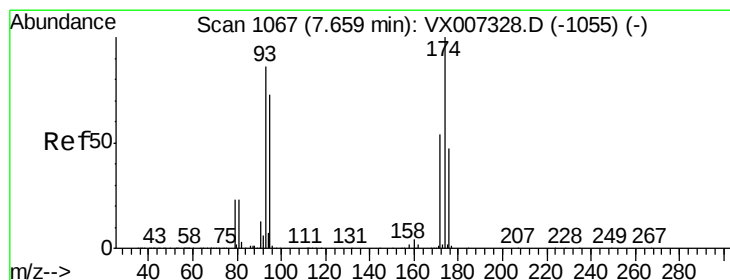
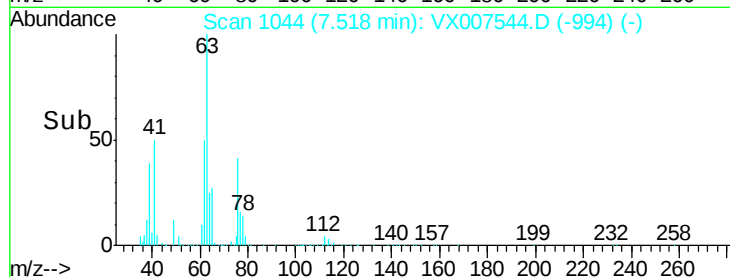
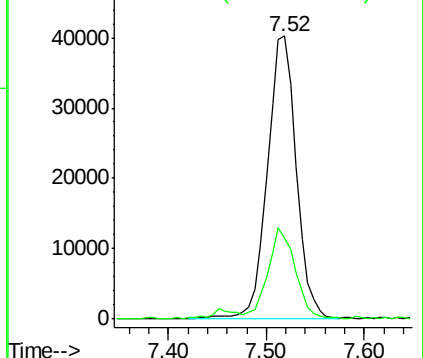
63 100

65 28.2 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.260 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

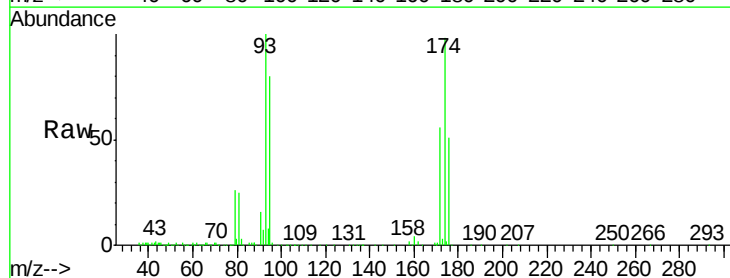
Tgt Ion: 93 Resp: 57293

Ion Ratio Lower Upper

93 100

95 83.4 67.6 101.4

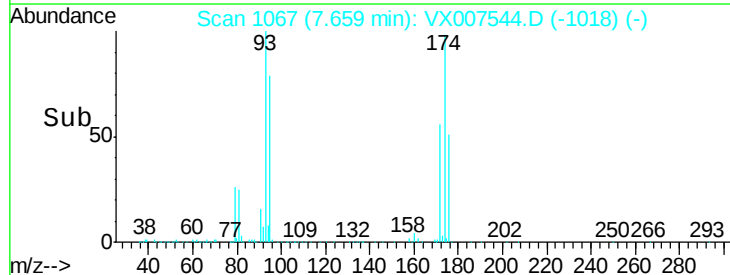
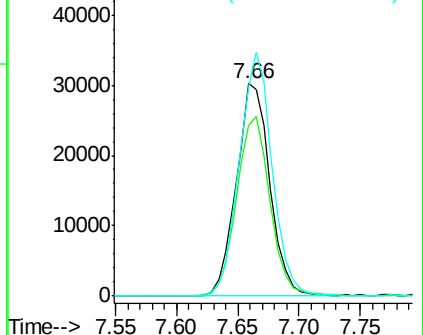
174 113.0 94.2 141.4

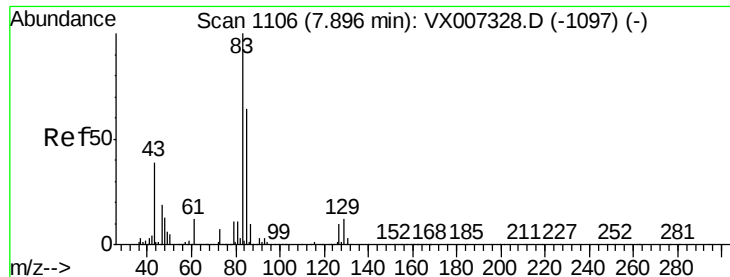


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.815 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :
MSVOA_X
ClientSampled :

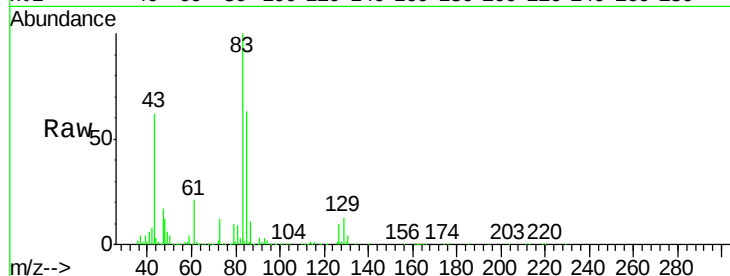
Tot Ion: 83 Resp: 100051

Ion Ratio Lower Upper

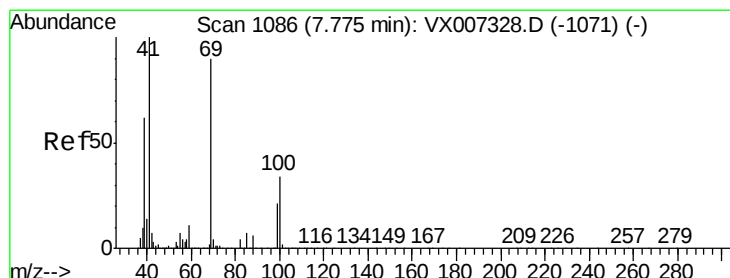
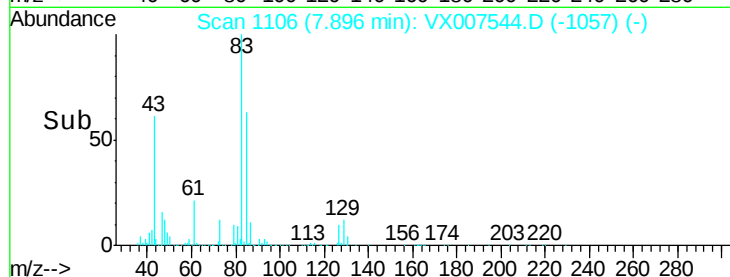
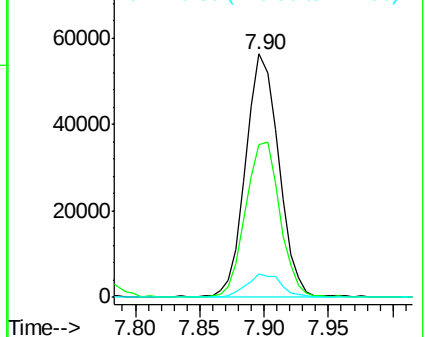
83 100

85 62.9 51.4 77.0

127 9.8 8.1 12.1



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: 20.277 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

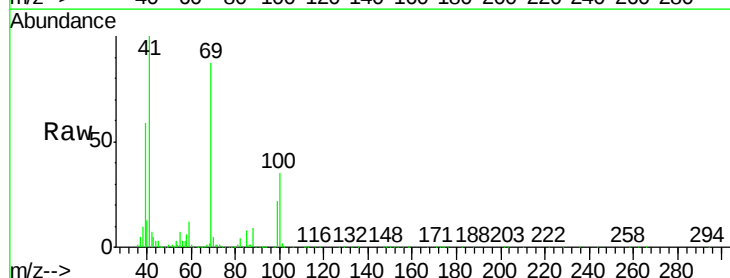
Tgt Ion: 41 Resp: 92567

Ion Ratio Lower Upper

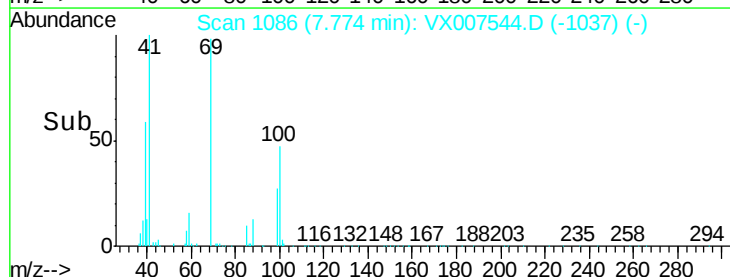
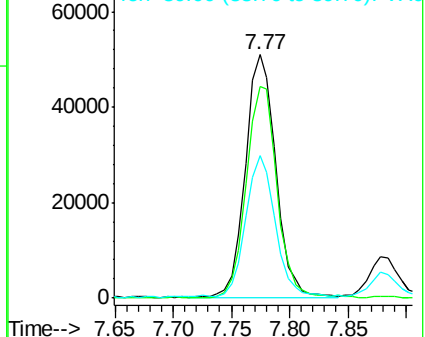
41 100

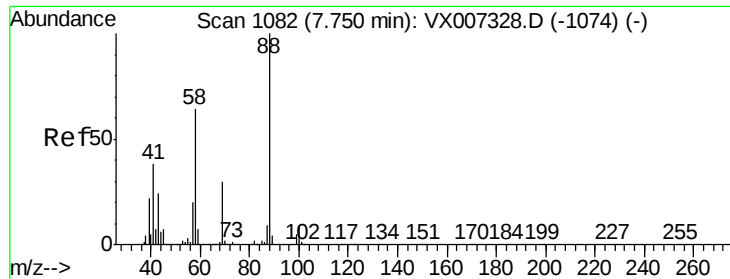
69 88.5 70.2 105.4

39 56.3 47.4 71.0



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: 444.552 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

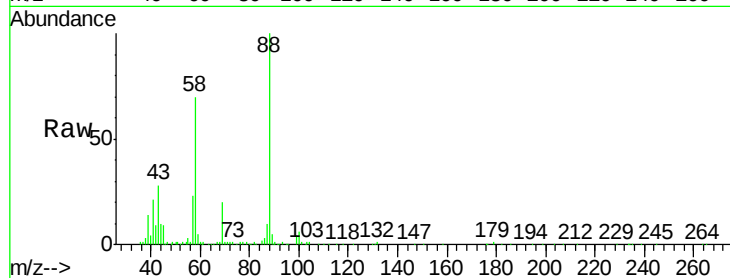
Tot Ion: 88 Resp: 45754

Ion	Ratio	Lower	Upper
88	100		
43	29.8	24.2	36.4
58	64.9	53.0	79.4

88 100

43 29.8 24.2 36.4

58 64.9 53.0 79.4



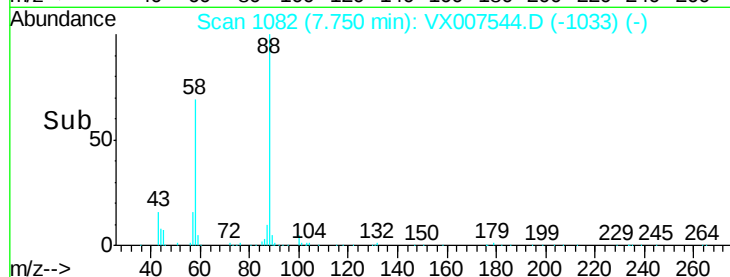
Abundance

Ion 88.00 (87.70 to 88.70): VX0

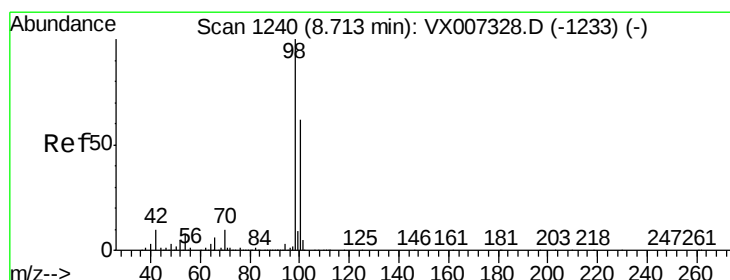
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Time-->



Time-->



#50

Toluene-d8

Concen: 49.763 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007544.D

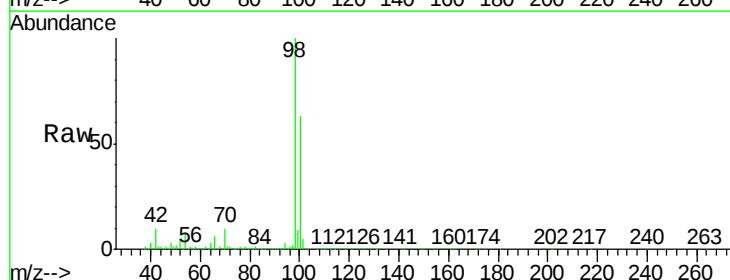
Acq: 14 Feb 2019 14:35

Tgt Ion: 98 Resp: 783174

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4

98 100

100 64.1 51.6 77.4

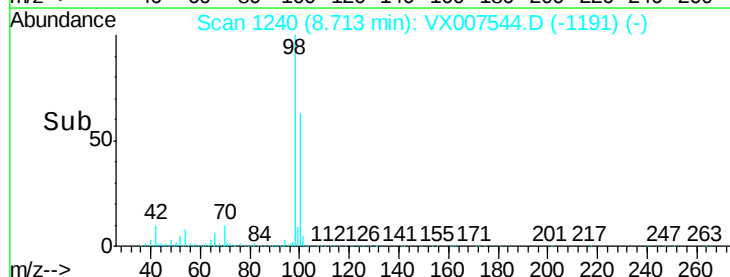


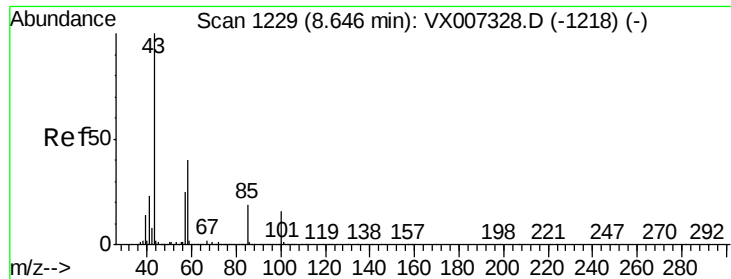
Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

Time-->





#51

4-Methyl-2-Pentanone

Concen: 102.126 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

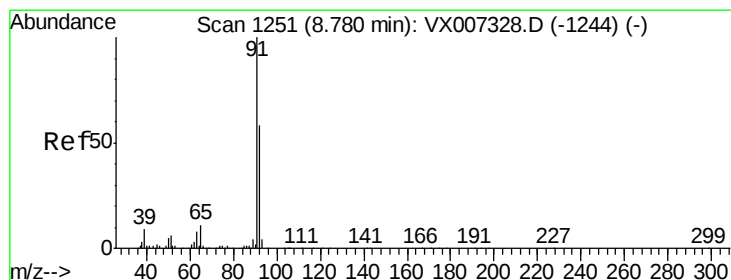
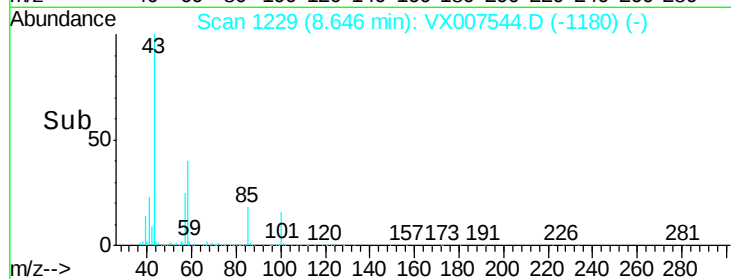
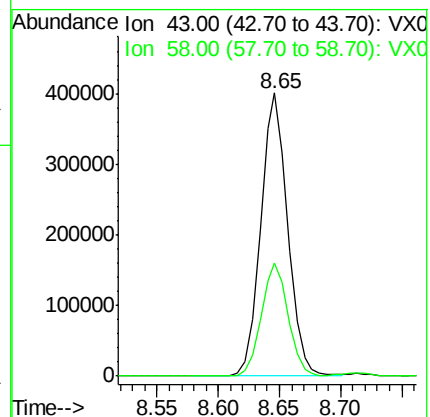
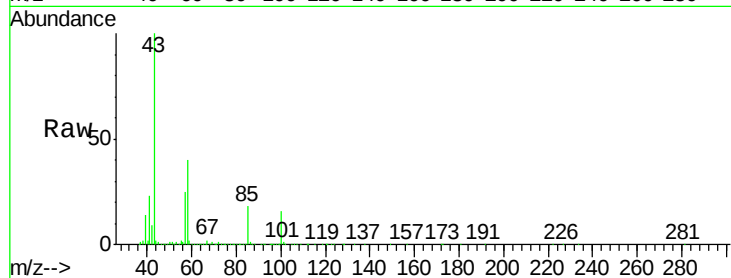
ClientSampleId :

Tot Ion: 43 Resp: 613593

Ion Ratio Lower Upper

43 100

58 39.7 31.2 46.8



#52

Toluene

Concen: 18.325 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007544.D

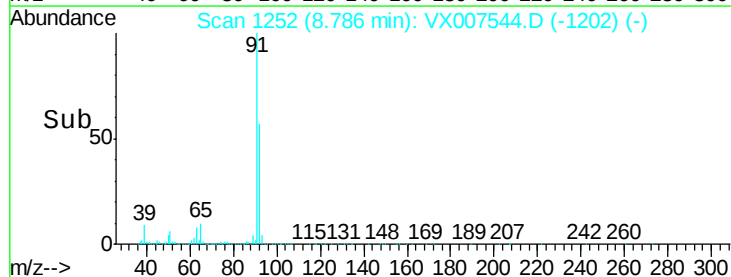
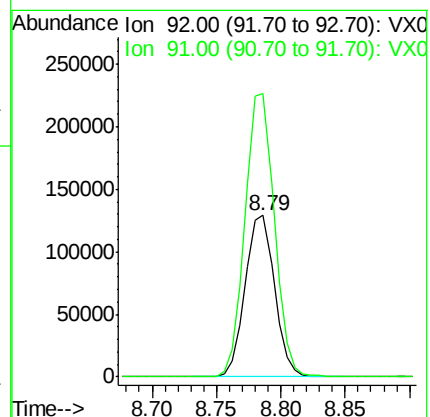
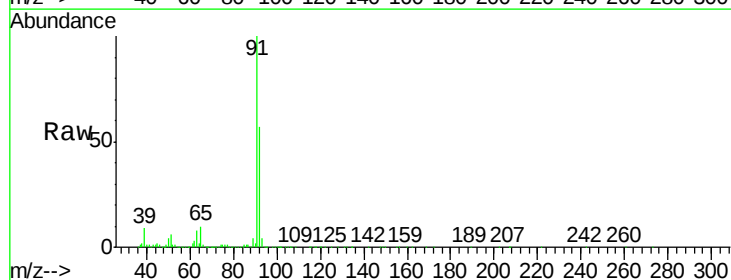
Acq: 14 Feb 2019 14:35

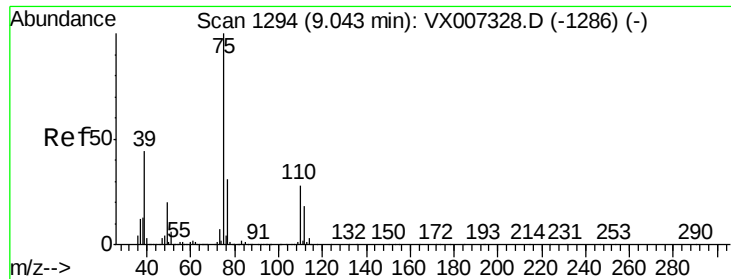
Tgt Ion: 92 Resp: 203721

Ion Ratio Lower Upper

92 100

91 176.2 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 18.344 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

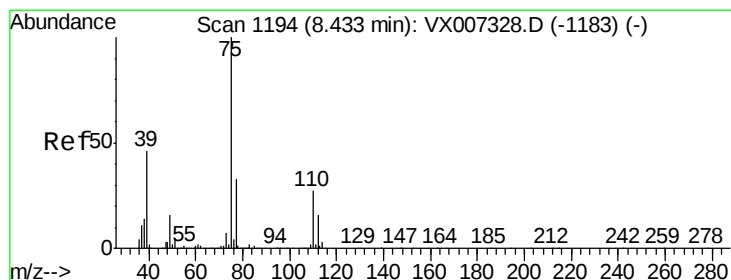
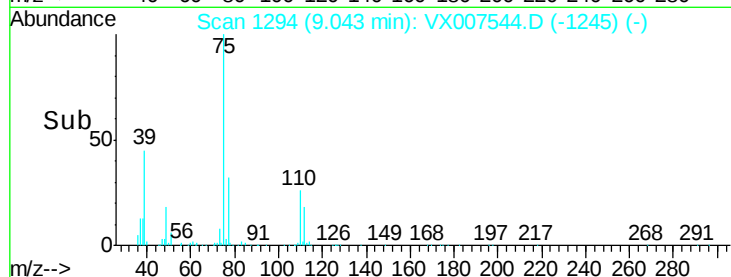
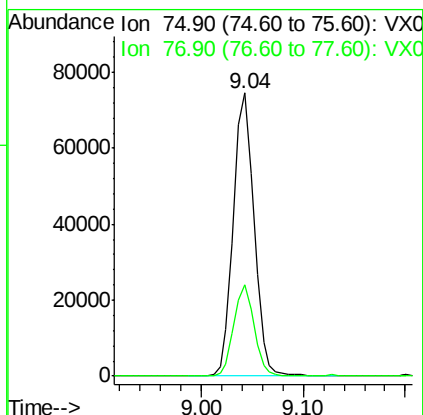
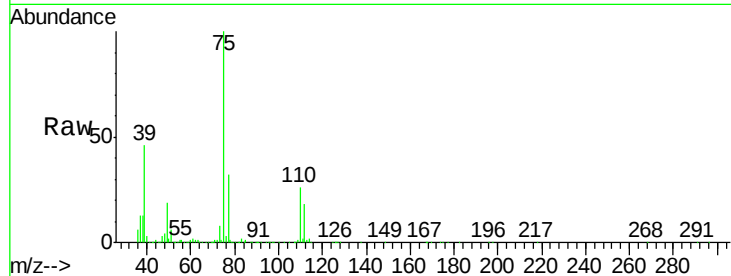
ClientSampleId :

Tot Ion: 75 Resp: 104782

Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 18.607 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

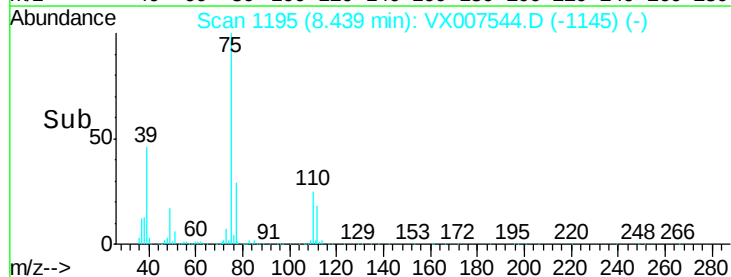
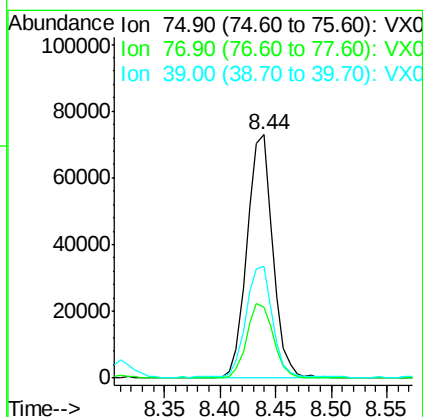
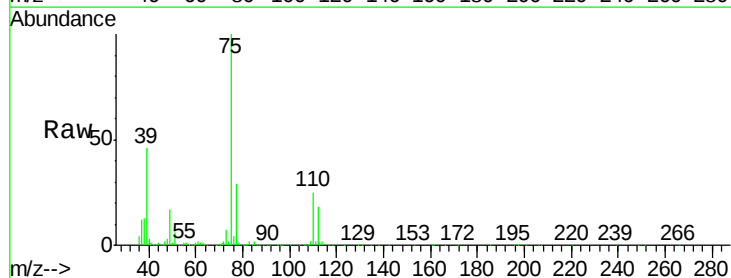
Tgt Ion: 75 Resp: 116880

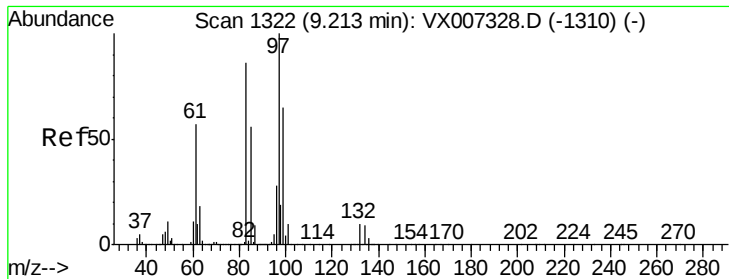
Ion Ratio Lower Upper

75 100

77 29.1 26.2 39.4

39 45.7 37.1 55.7

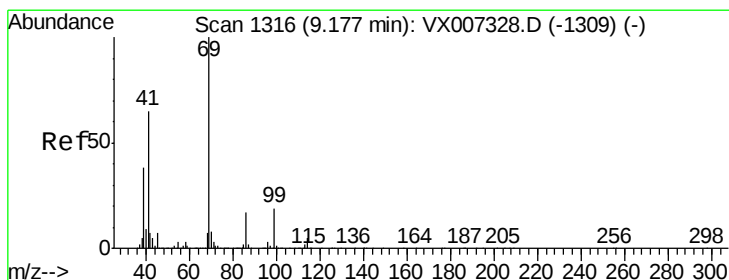
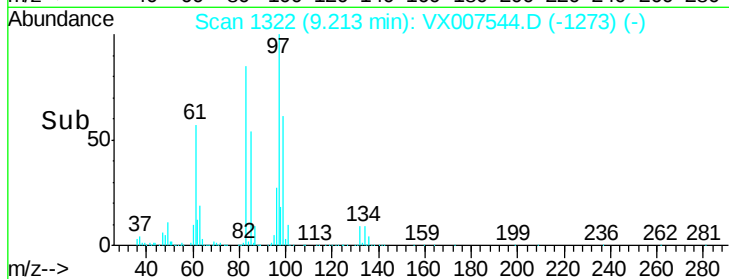
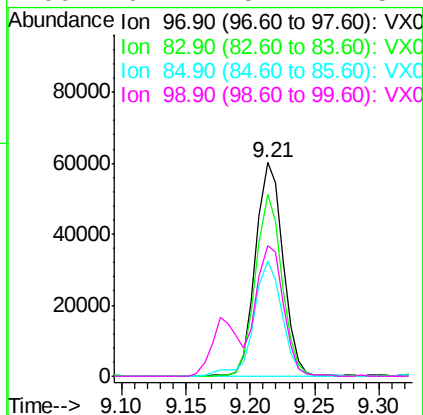
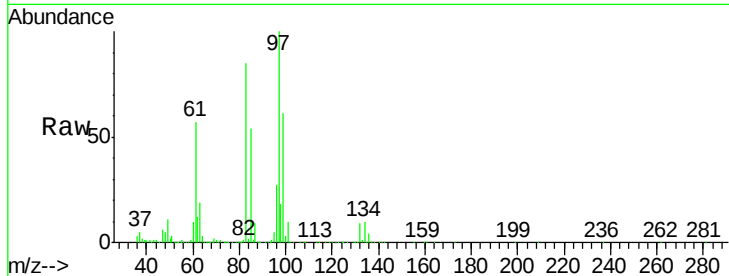




#55
 1,1,2-Trichloroethane
 Concen: 19.146 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

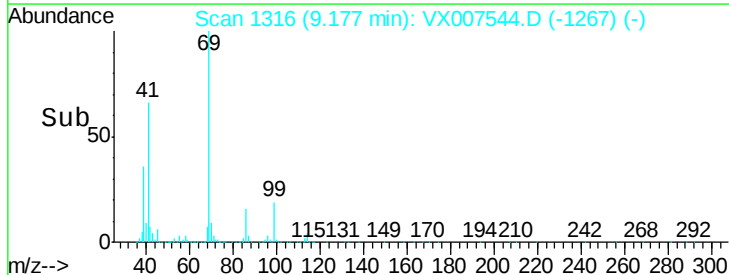
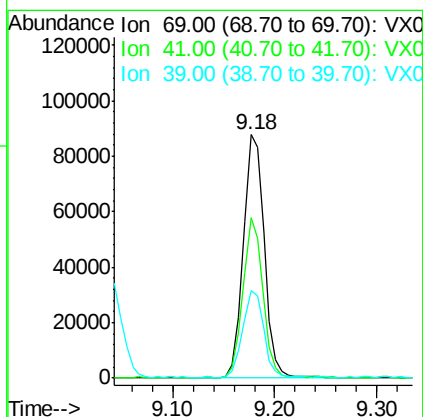
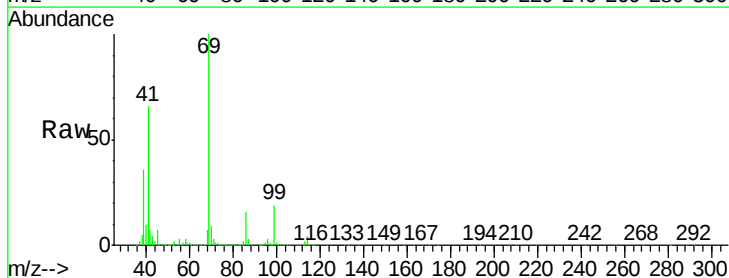
Instrument :
 MSVOA_X
 ClientSampleId :

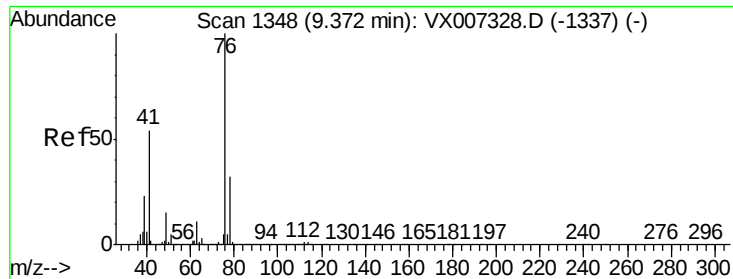
Tot Ion:	97	Resp:	88722
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.6	102.8
85	53.4	44.5	66.7
99	61.1	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 19.371 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Tgt Ion:	69	Resp:	124327
Ion	Ratio	Lower	Upper
69	100		
41	62.9	52.1	78.1
39	36.1	30.1	45.1





#57

1,3-Dichloropropane

Concen: 18.619 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

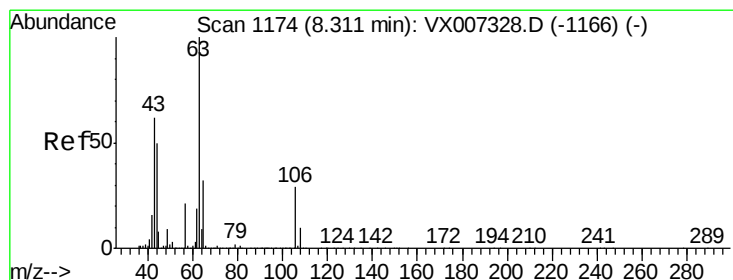
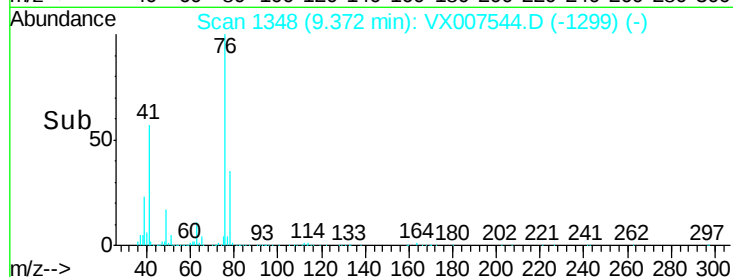
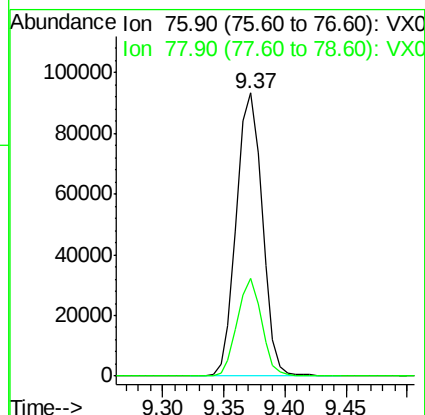
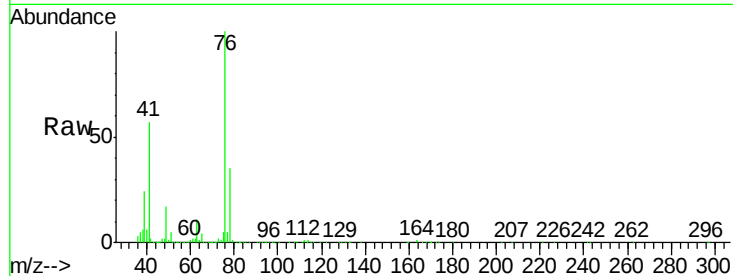
ClientSampleId :

Tot Ion: 76 Resp: 137210

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 103.959 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007544.D

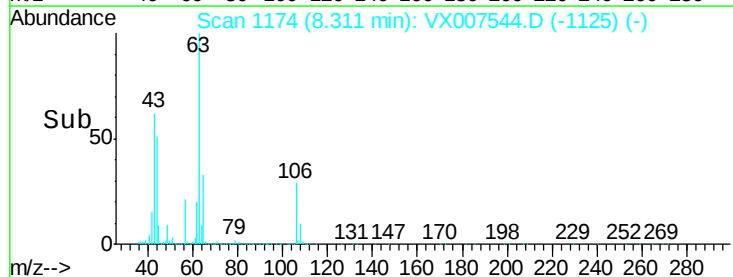
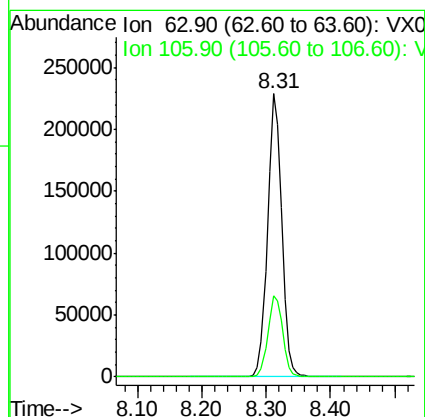
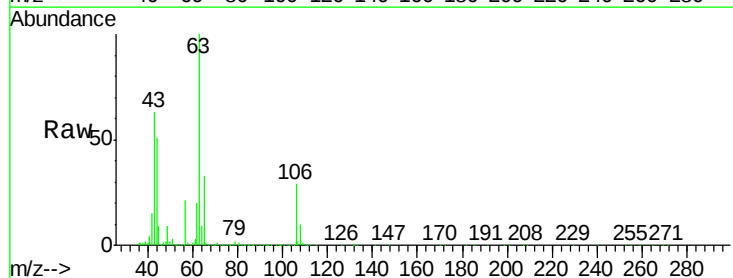
Acq: 14 Feb 2019 14:35

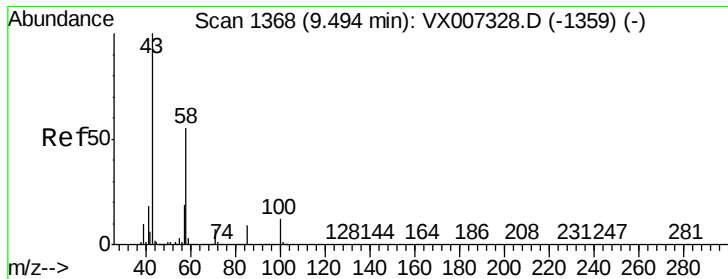
Tgt Ion: 63 Resp: 351681

Ion Ratio Lower Upper

63 100

106 29.8 23.6 35.4

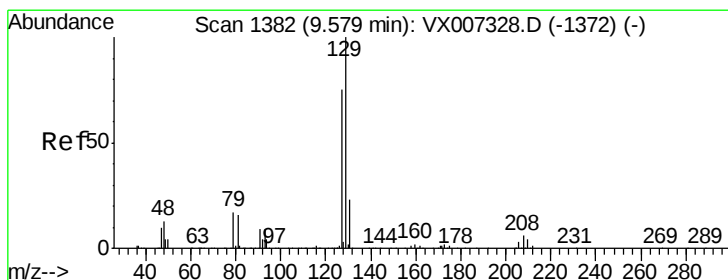
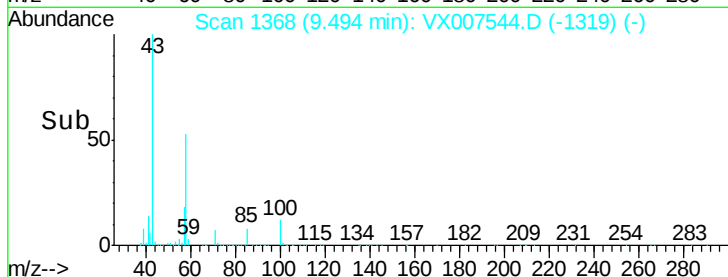
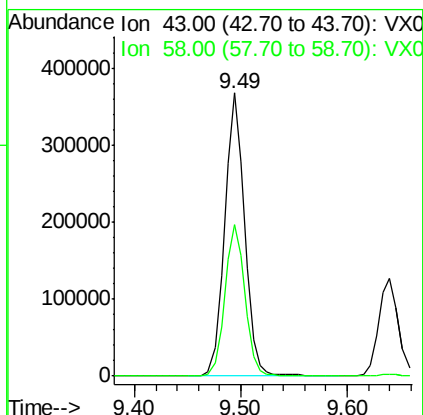
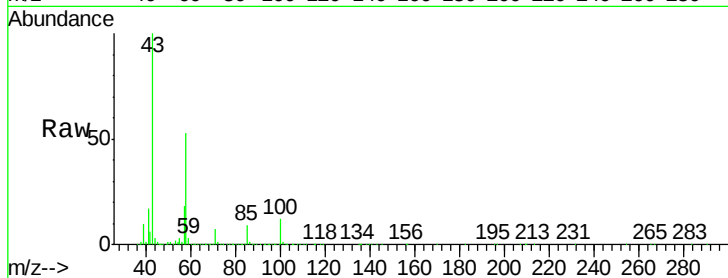




#59
2-Hexanone
Concen: 102.903 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

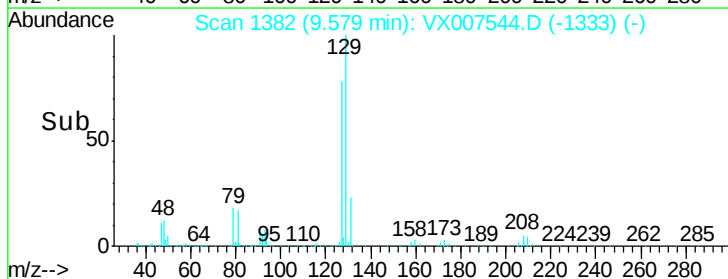
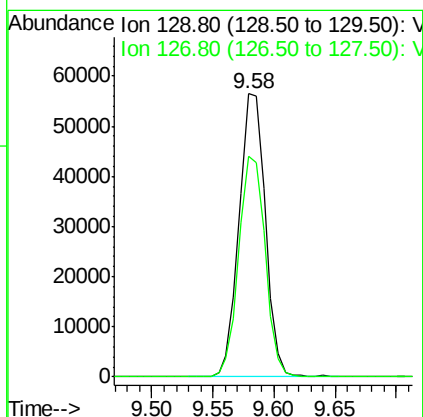
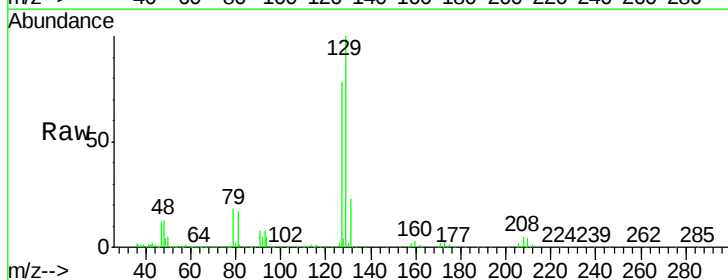
Instrument :
MSVOA_X
ClientSampleId :

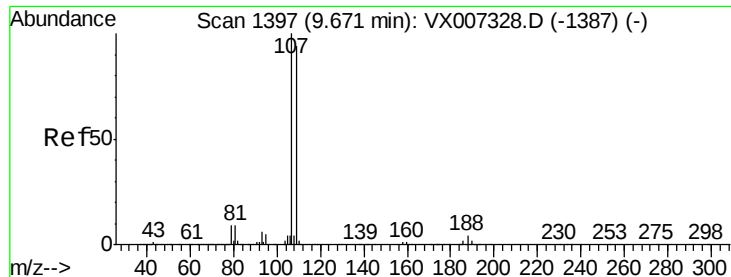
Tot Ion: 43 Resp: 481108
Ion Ratio Lower Upper
43 100
58 54.0 27.1 81.3



#60
Dibromochloromethane
Concen: 19.265 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion: 129 Resp: 84434
Ion Ratio Lower Upper
129 100
127 78.0 37.8 113.4





#61

1,2-Dibromoethane

Concen: 18.926 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

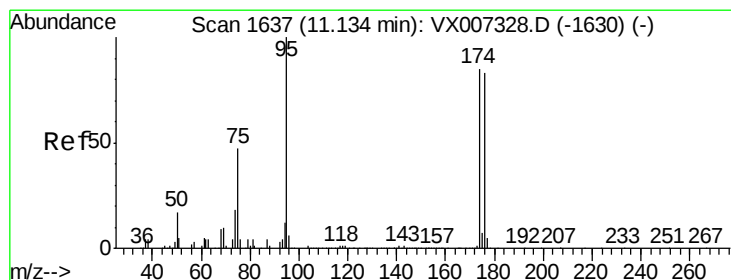
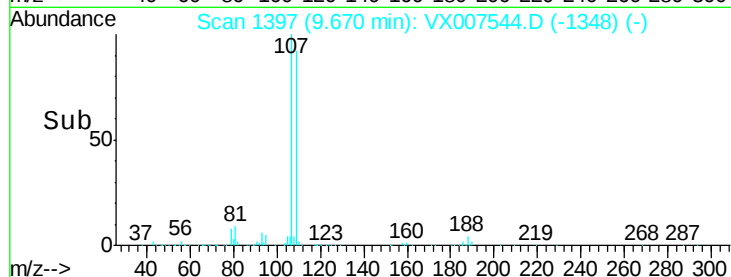
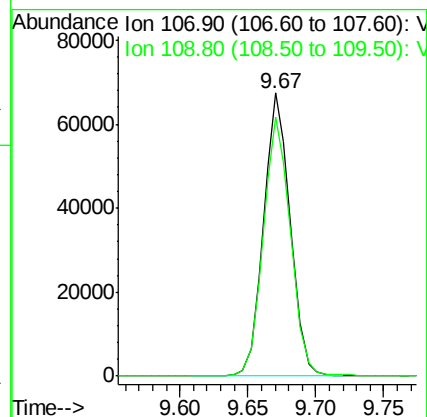
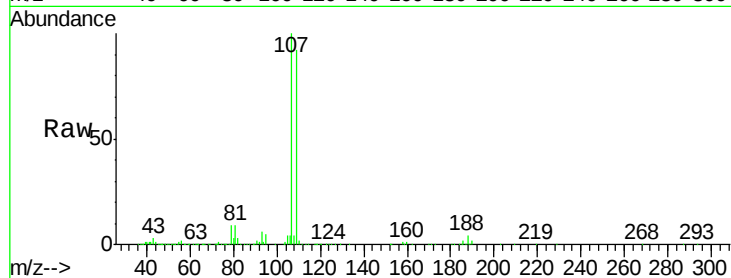
ClientSampleId :

Tot Ion:107 Resp: 92877

Ion Ratio Lower Upper

107 100

109 93.9 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 48.981 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

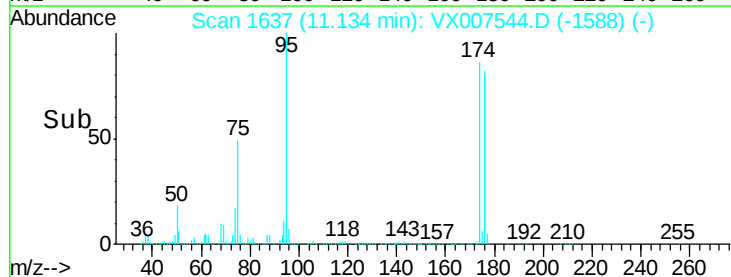
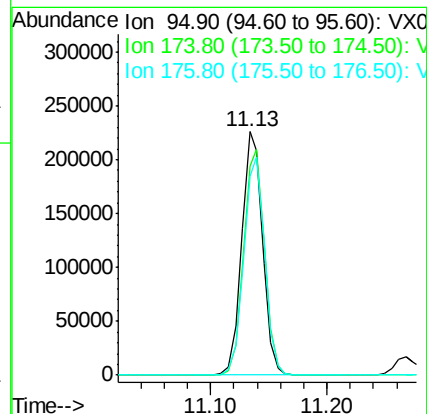
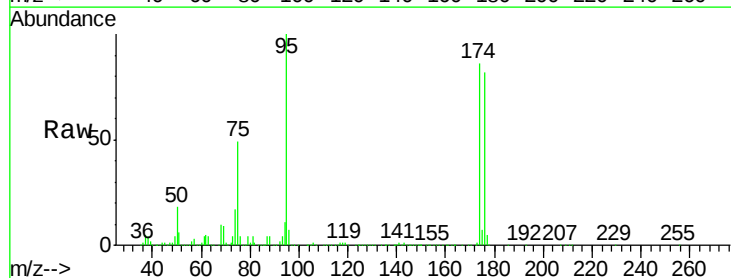
Tgt Ion: 95 Resp: 281441

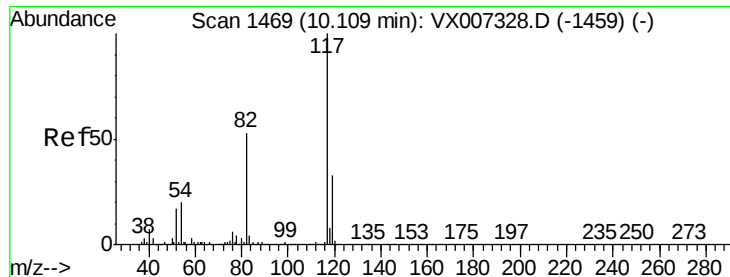
Ion Ratio Lower Upper

95 100

174 93.5 0.0 189.2

176 90.1 0.0 186.2

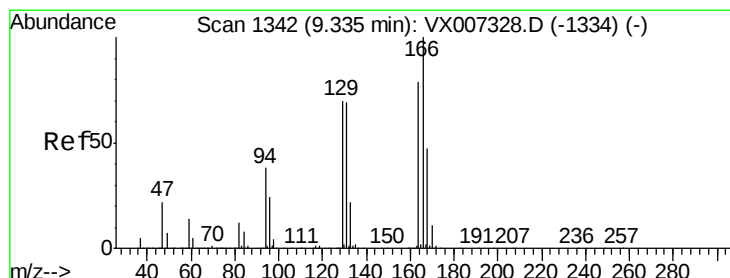
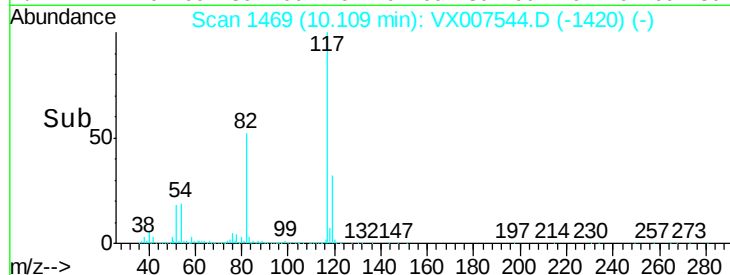
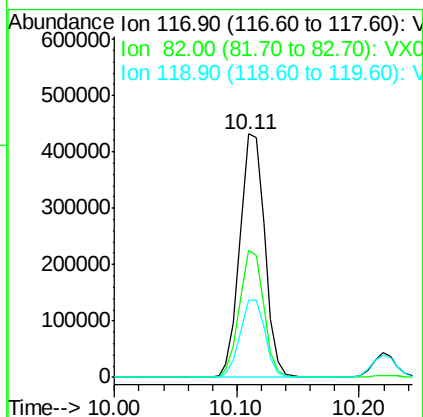
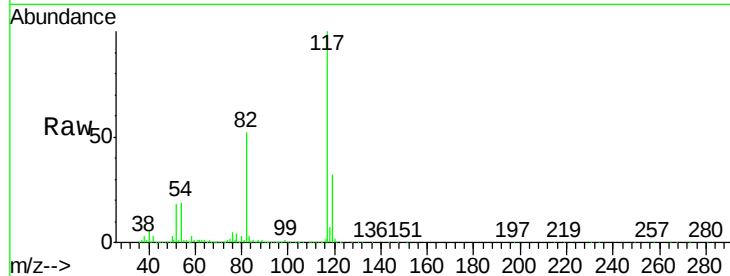




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

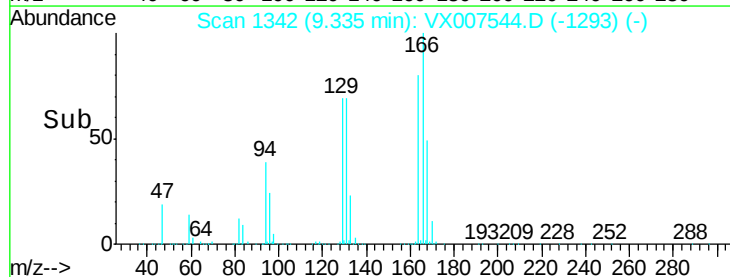
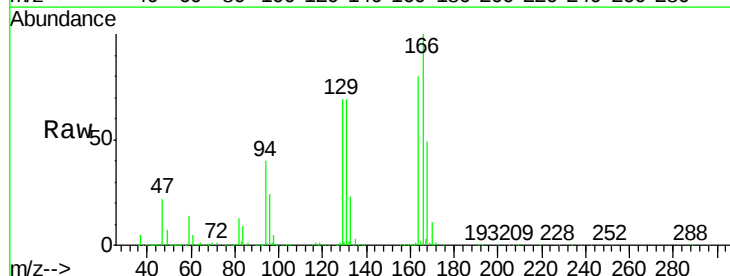
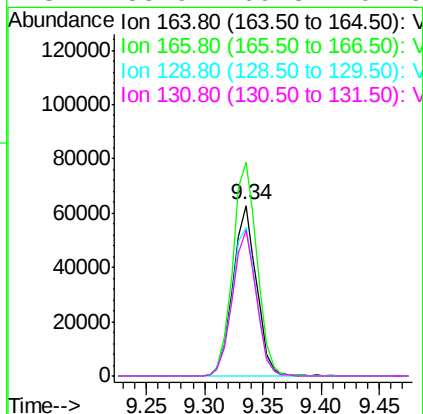
Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.1	63.1
119	31.9	26.5	39.7



#64
Tetrachloroethene
Concen: 15.522 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.2	101.0	151.4
129	86.7	70.5	105.7
131	85.9	69.8	104.6

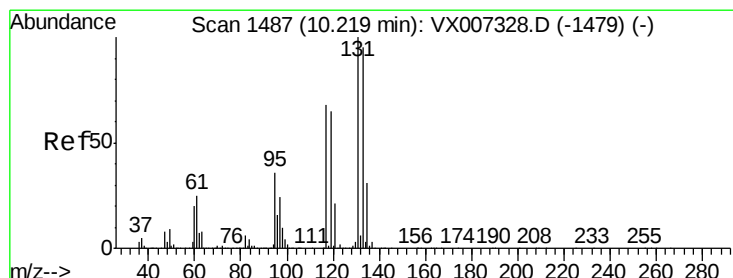
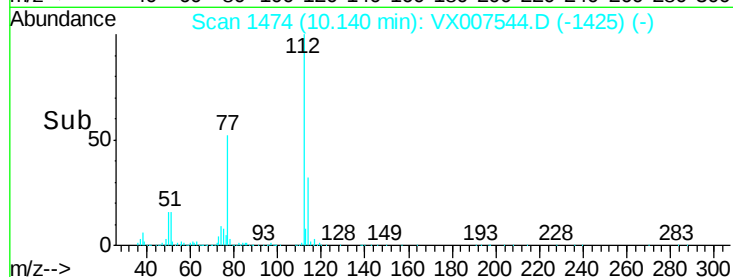
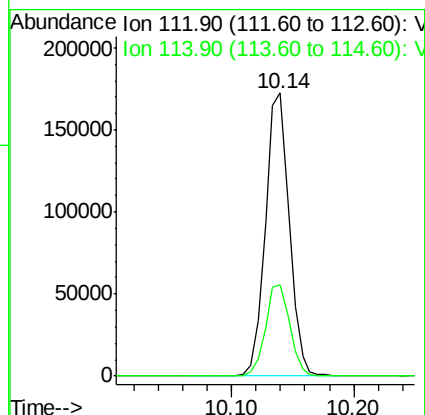
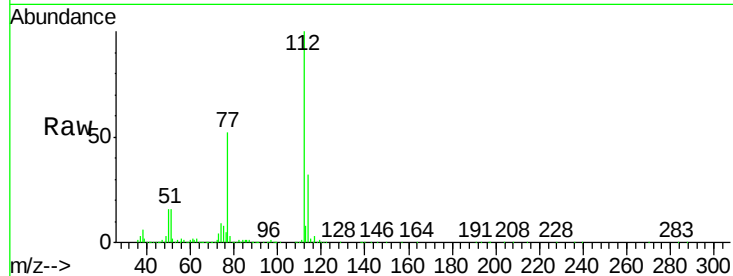




#65
Chlorobenzene
Concen: 17.687 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

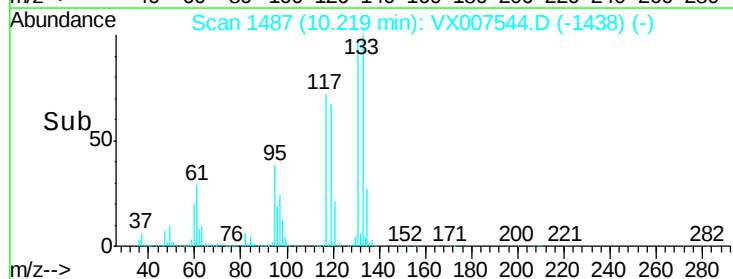
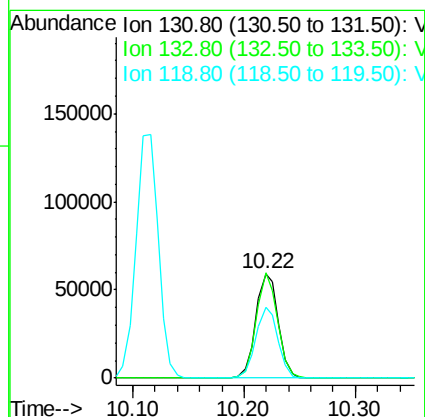
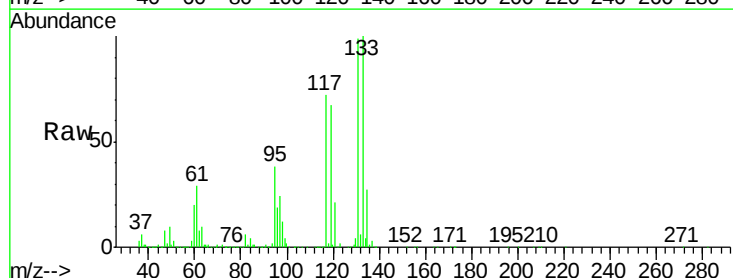
Instrument :
MSVOA_X
ClientSampleId :

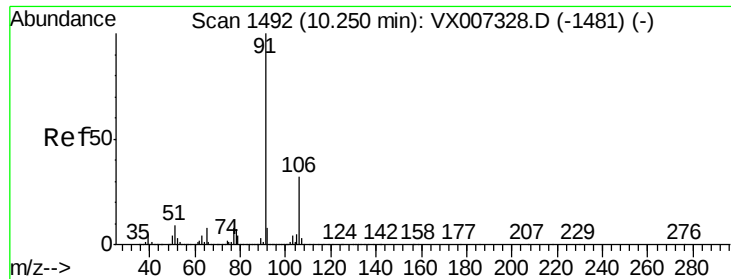
Tot Ion:112 Resp: 234792
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.679 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion:131 Resp: 83132
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.2
119 67.3 32.0 96.0

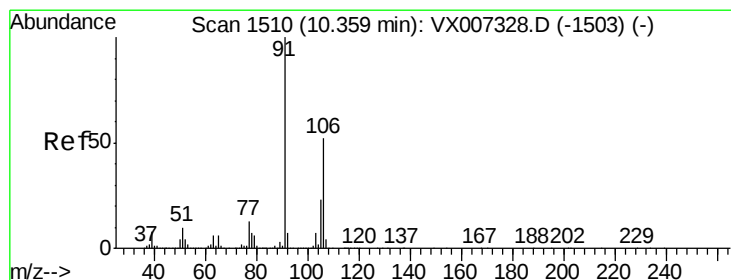
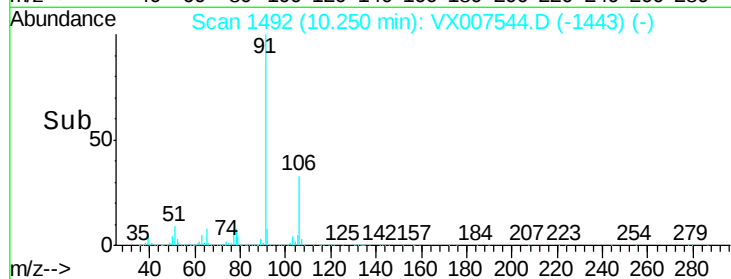
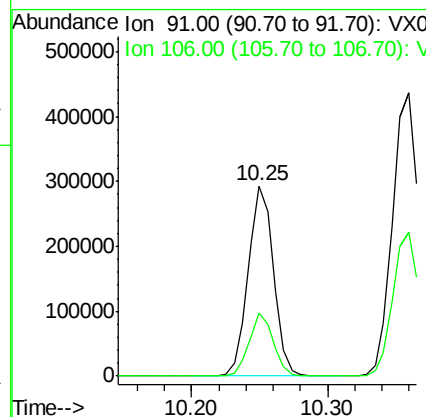
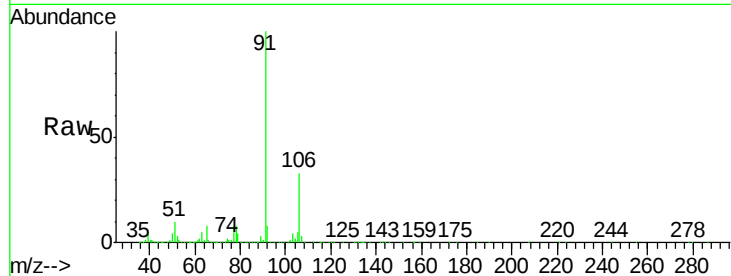




#67
Ethyl Benzene
Concen: 17.803 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

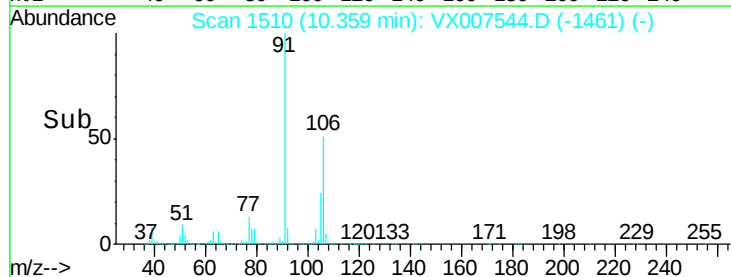
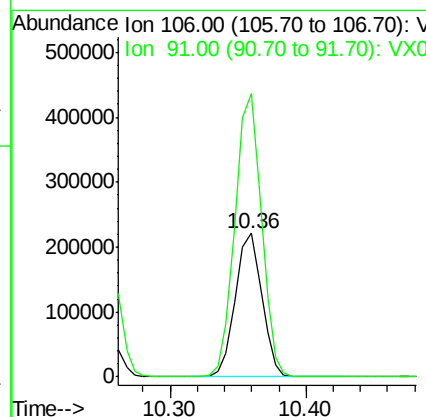
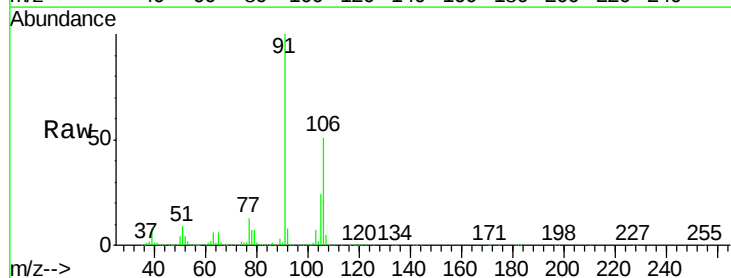
Instrument :
MSVOA_X
ClientSampleId :

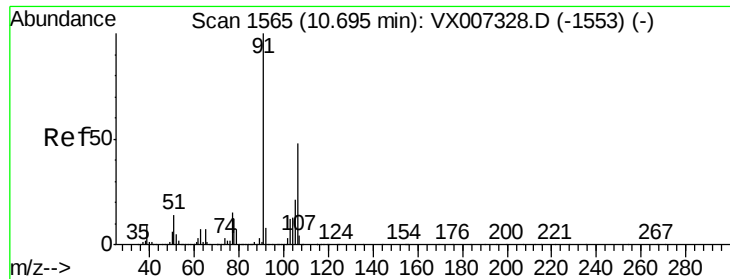
Tot Ion: 91 Resp: 380582
Ion Ratio Lower Upper
91 100
106 33.0 25.4 38.0



#68
m/p-Xylenes
Concen: 35.535 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion: 106 Resp: 301963
Ion Ratio Lower Upper
106 100
91 197.3 156.6 234.8

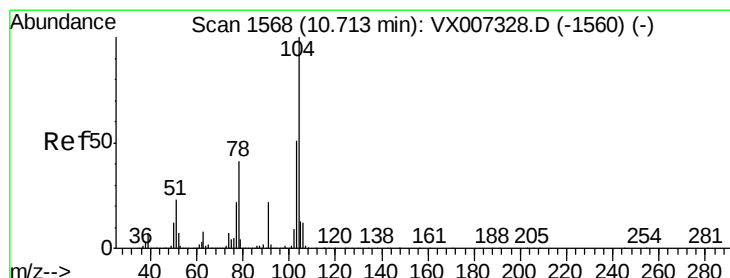
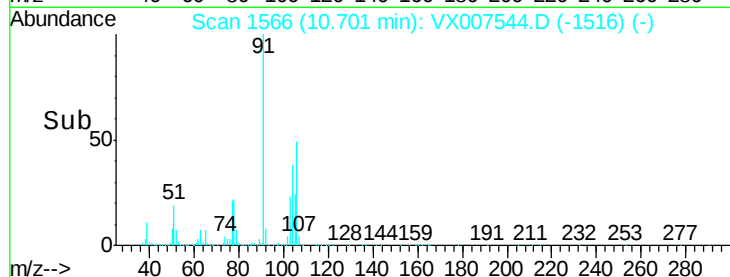
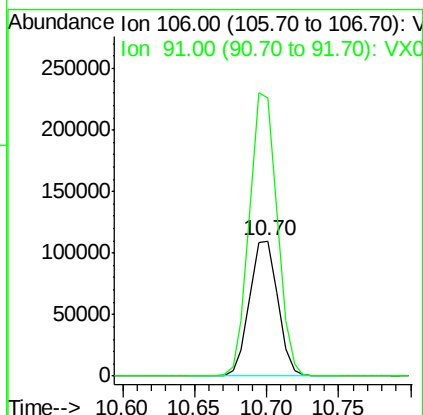
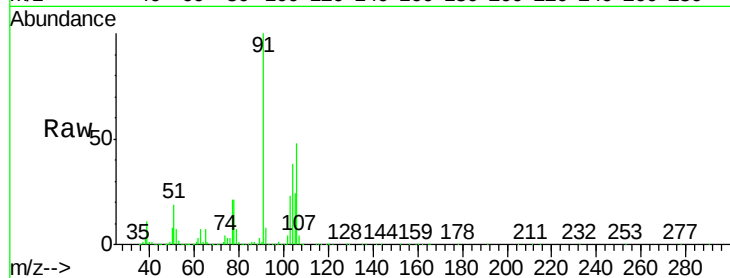




#69
o-Xylene
Concen: 18.211 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

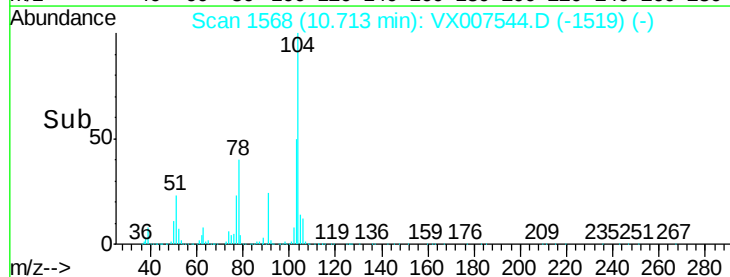
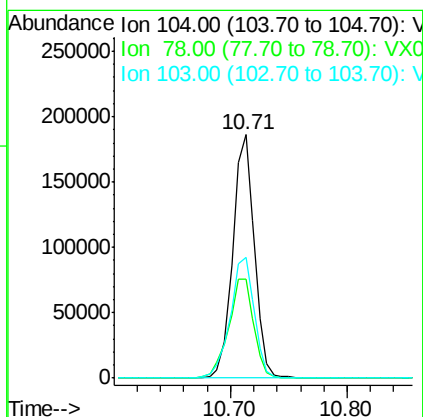
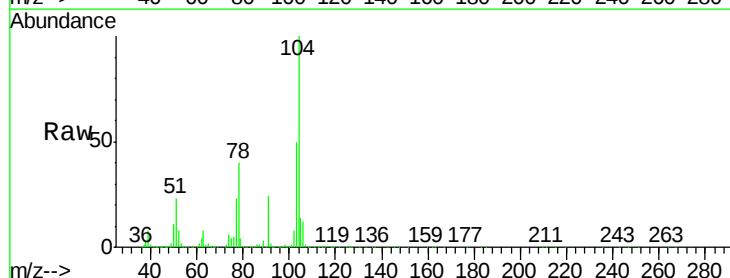
Instrument :
MSVOA_X
ClientSampled :

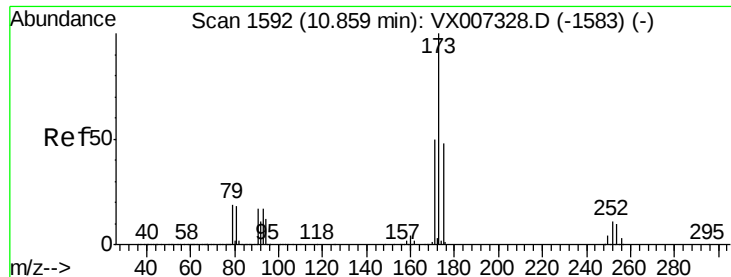
Tot Ion:106 Resp: 148911
Ion Ratio Lower Upper
106 100
91 206.3 102.9 308.7



#70
Styrene
Concen: 18.156 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion:104 Resp: 240769
Ion Ratio Lower Upper
104 100
78 46.8 38.3 57.5
103 55.3 44.6 67.0





#71

Bromoform

Concen: 18.858 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

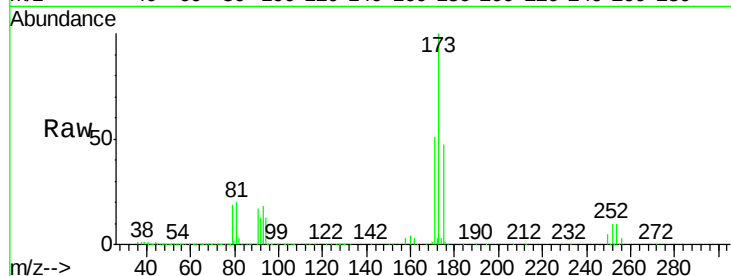
Tot Ion:173 Resp: 62958

Ion Ratio Lower Upper

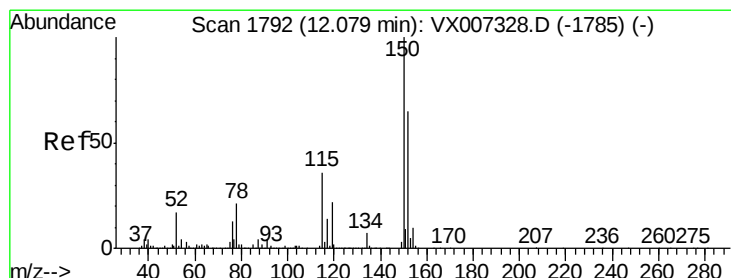
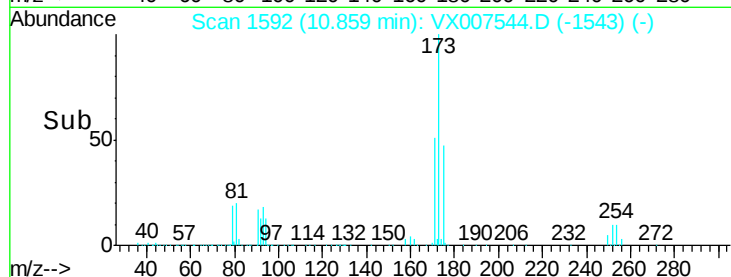
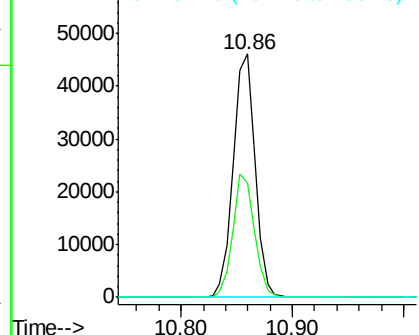
173 100

175 50.0 24.2 72.6

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: VX007544.D

Acq: 14 Feb 2019 14:35

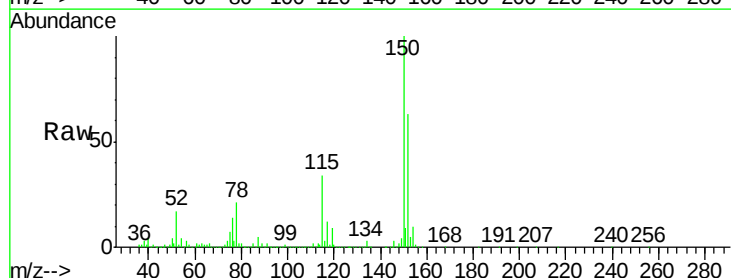
Tgt Ion:152 Resp: 312702

Ion Ratio Lower Upper

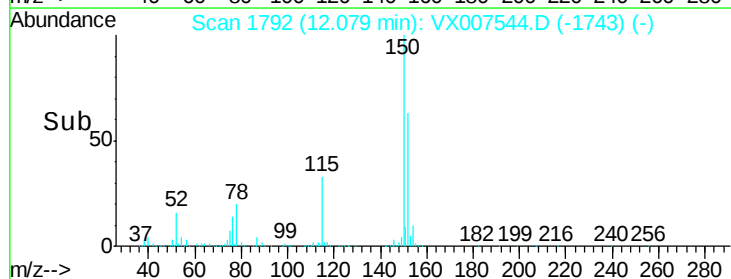
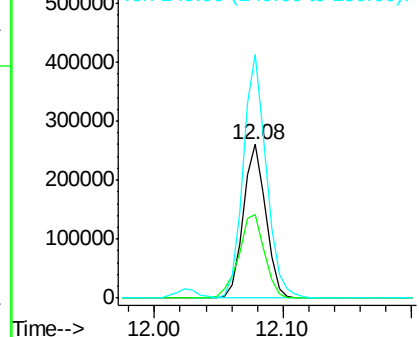
152 100

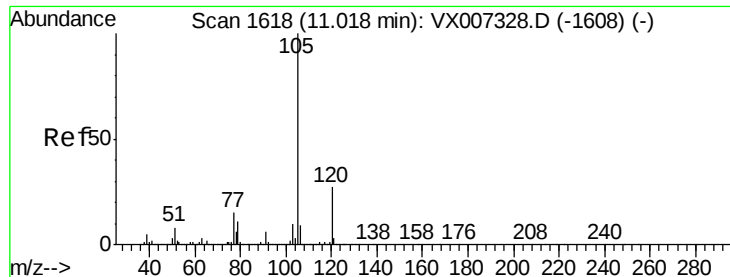
115 62.7 38.0 114.0

150 163.2 0.0 346.4



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





#73

Isopropylbenzene

Concen: 18.592 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

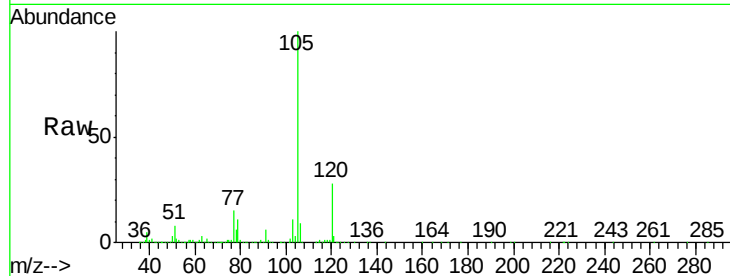
ClientSampleId :

Tot Ion:105 Resp: 395069

Ion Ratio Lower Upper

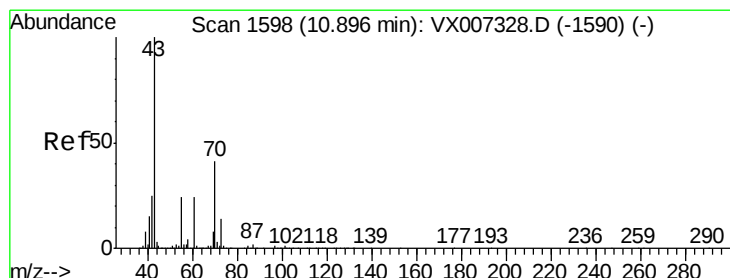
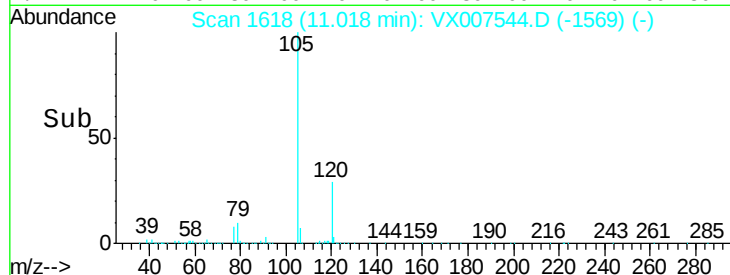
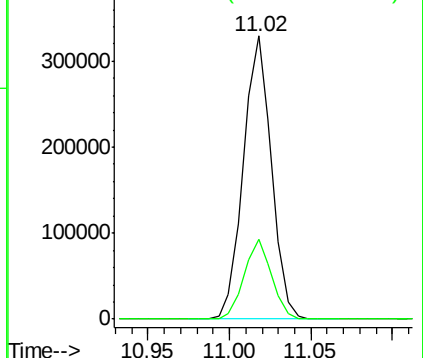
105 100

120 27.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.446 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Tgt Ion: 43 Resp: 159828

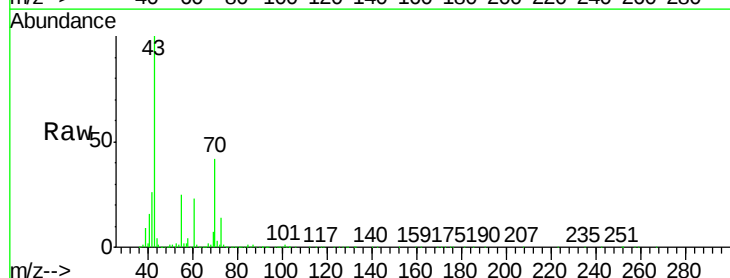
Ion Ratio Lower Upper

43 100

70 44.2 33.8 50.6

55 25.5 19.5 29.3

61 24.1 19.4 29.2

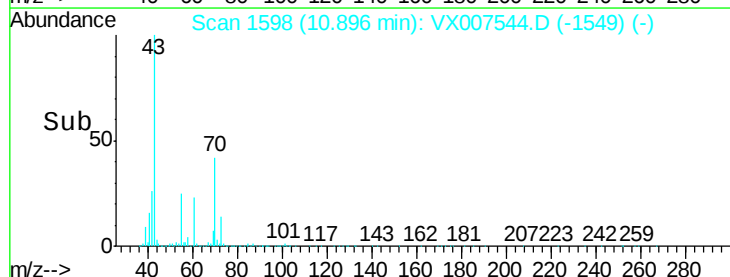
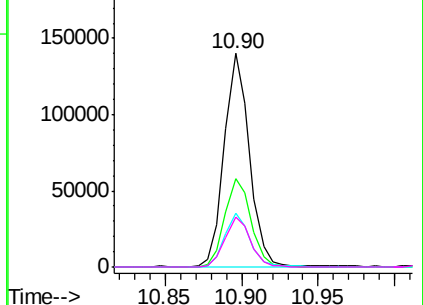


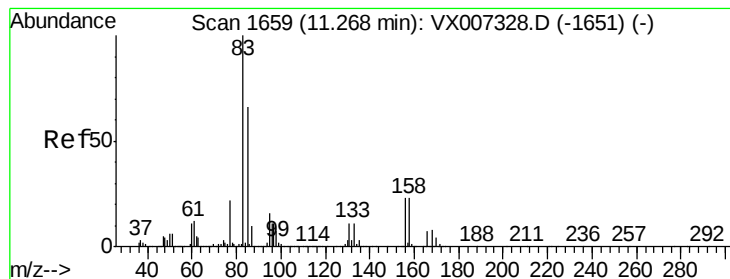
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.681 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

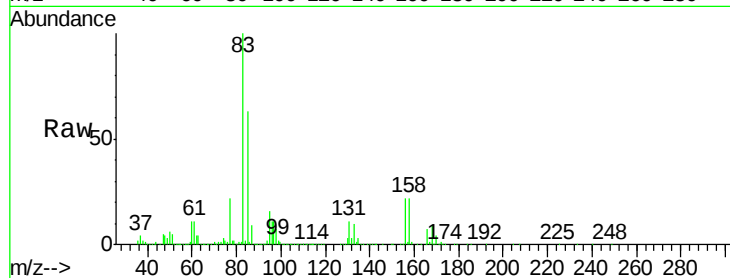
Tot Ion: 83 Resp: 133931

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.0

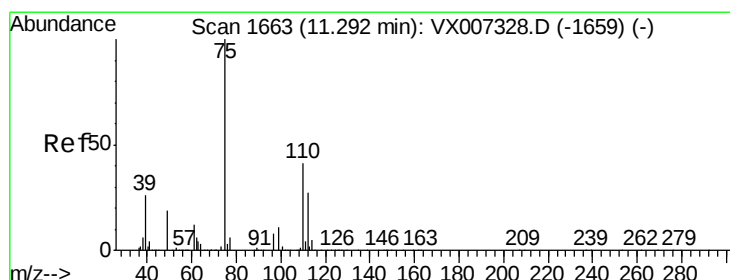
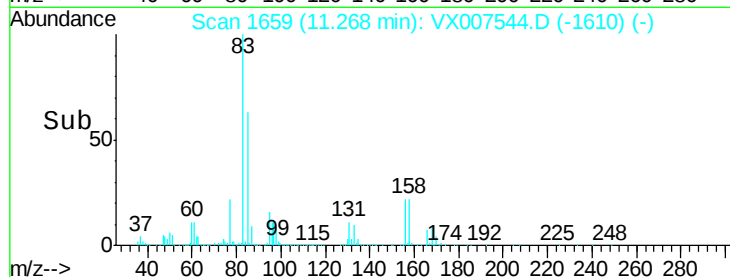
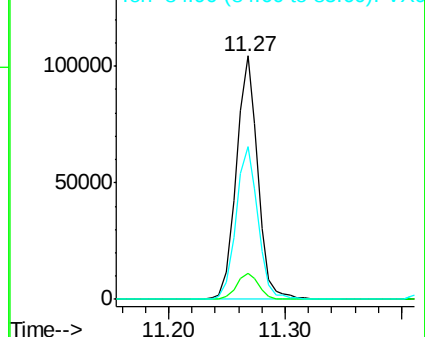
85 64.4 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.325 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX007544.D

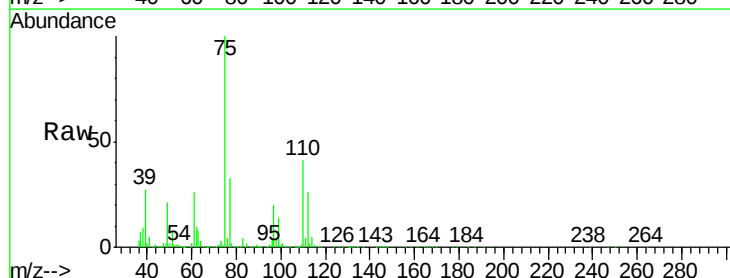
Acq: 14 Feb 2019 14:35

Tgt Ion: 75 Resp: 141875

Ion Ratio Lower Upper

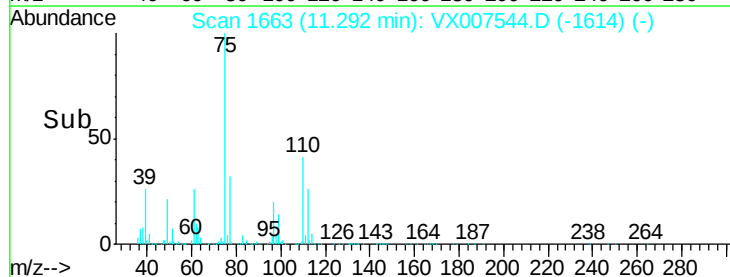
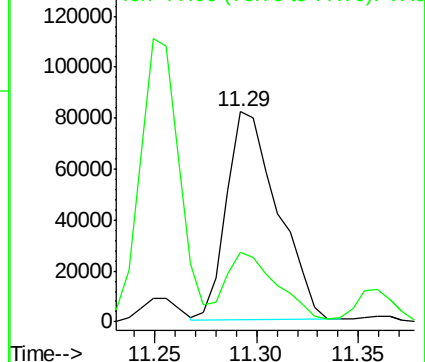
75 100

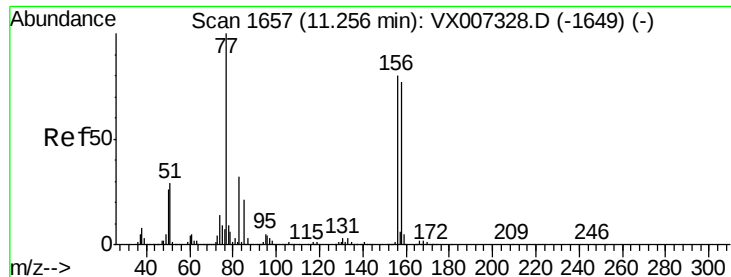
77 34.4 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.215 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampled :

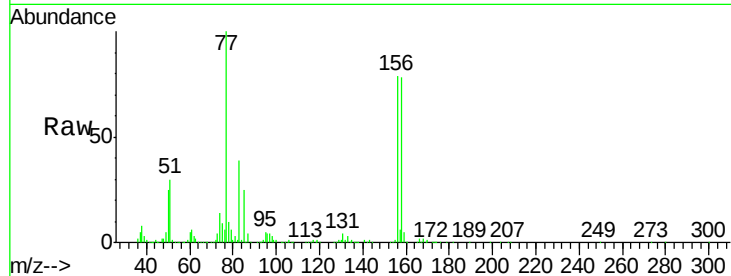
Tot Ion:156 Resp: 109057

Ion Ratio Lower Upper

156 100

77 133.8 66.8 200.6

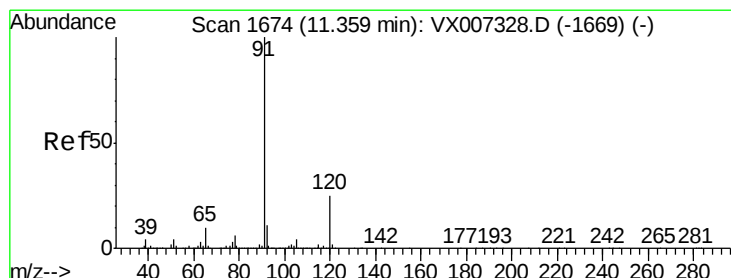
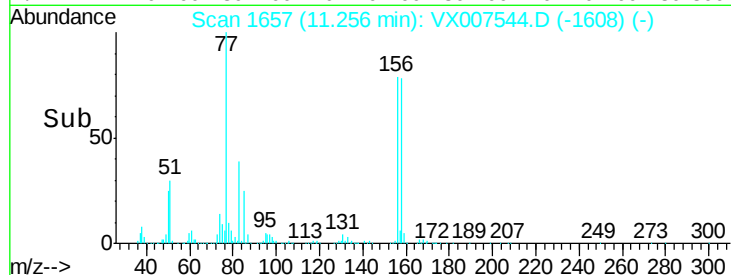
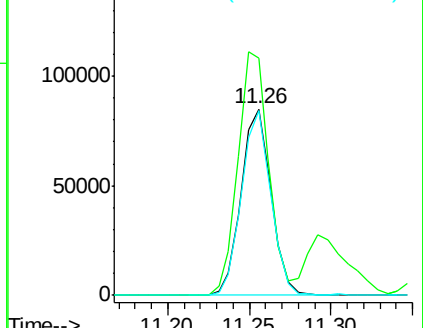
158 97.0 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.643 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007544.D

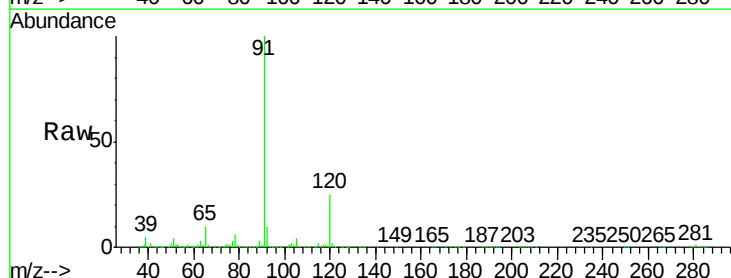
Acq: 14 Feb 2019 14:35

Tgt Ion: 91 Resp: 434418

Ion Ratio Lower Upper

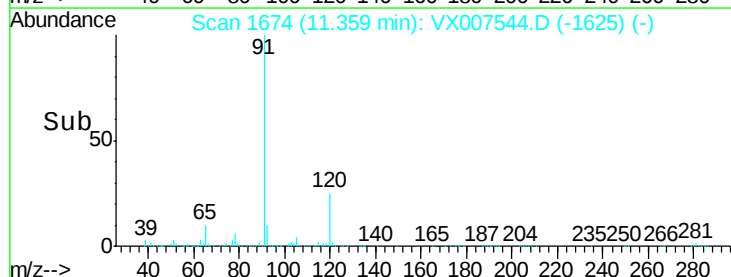
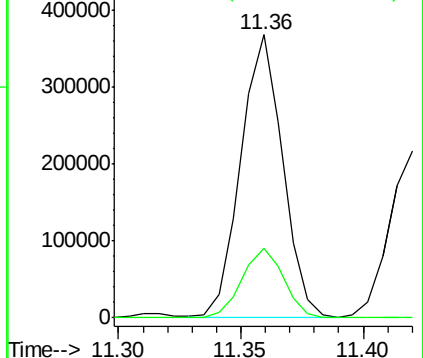
91 100

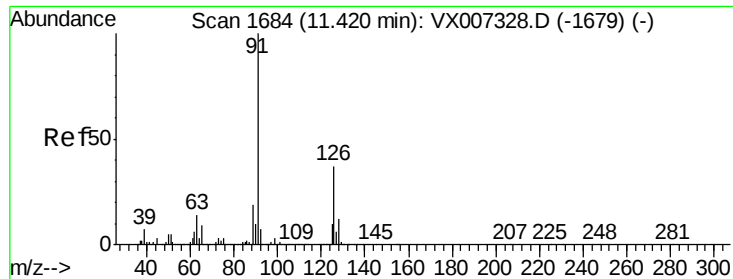
120 24.9 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

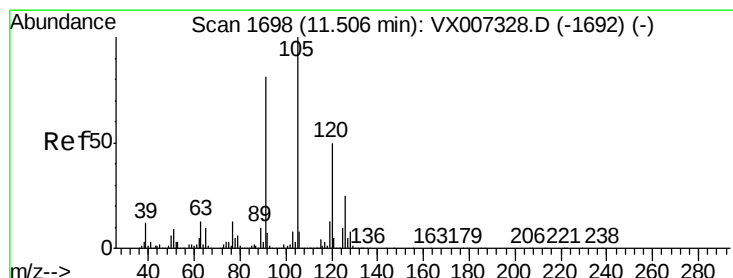
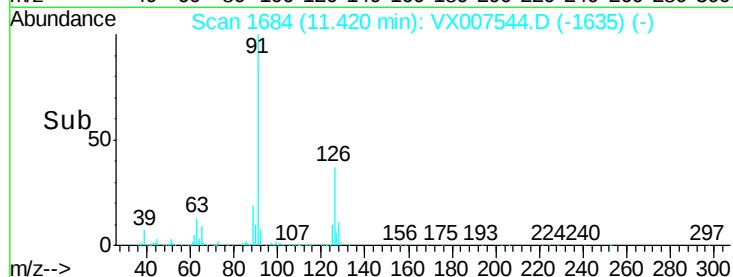
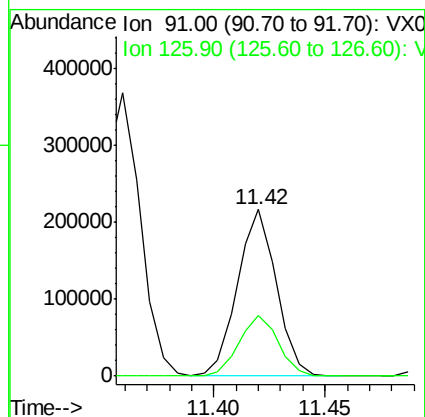
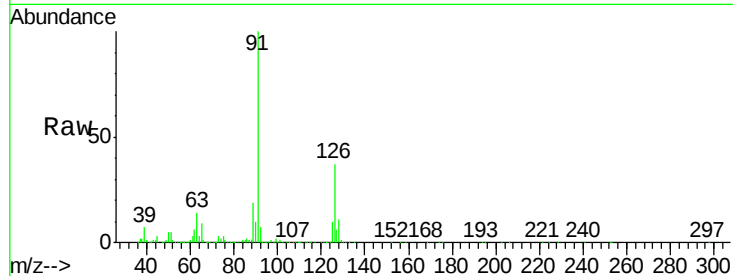




#79
2-Chlorotoluene
Concen: 18.534 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

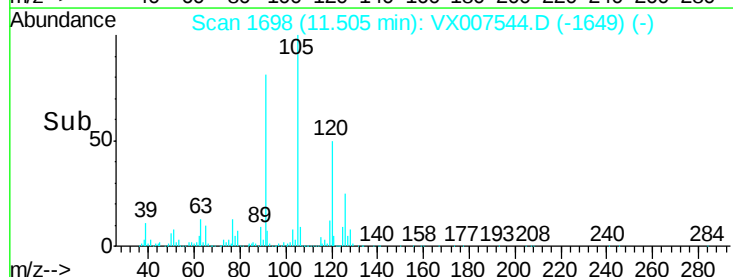
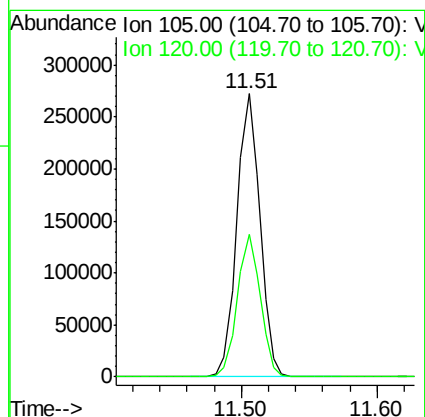
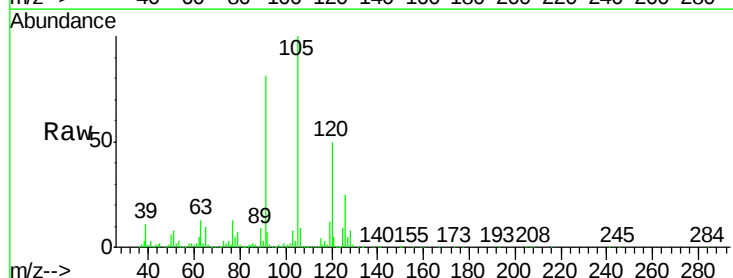
Instrument :
MSVOA_X
ClientSampled :

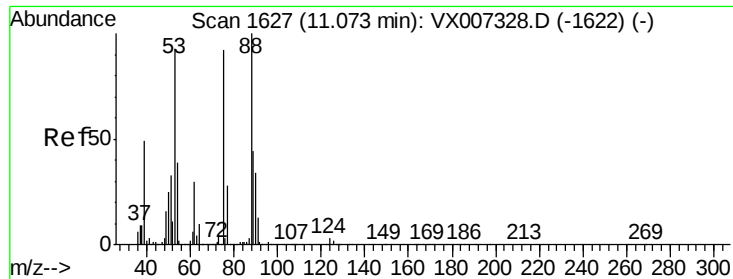
Tot Ion: 91 Resp: 262058
Ion Ratio Lower Upper
91 100
126 37.0 18.7 56.1



#80
1,3,5-Trimethylbenzene
Concen: 18.501 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion: 105 Resp: 321639
Ion Ratio Lower Upper
105 100
120 50.1 25.3 75.8

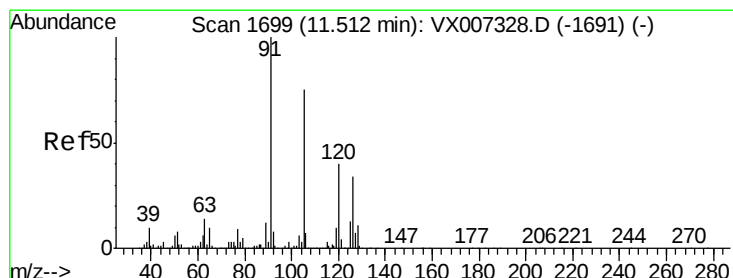
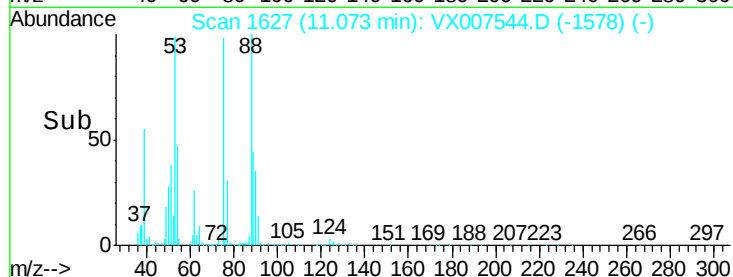
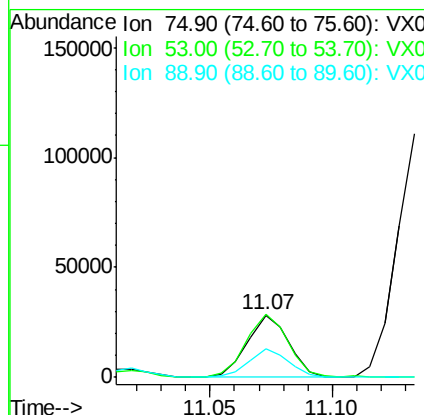
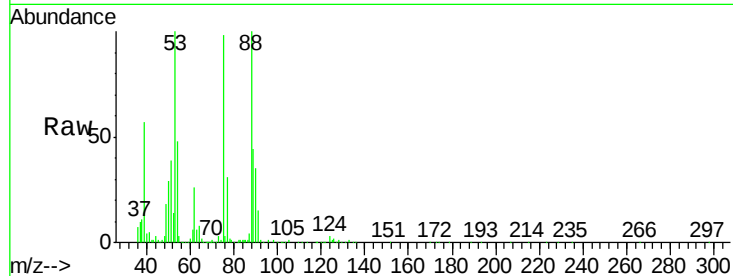




#81
trans-1,4-Dichloro-2-butene
Concen: 19.604 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

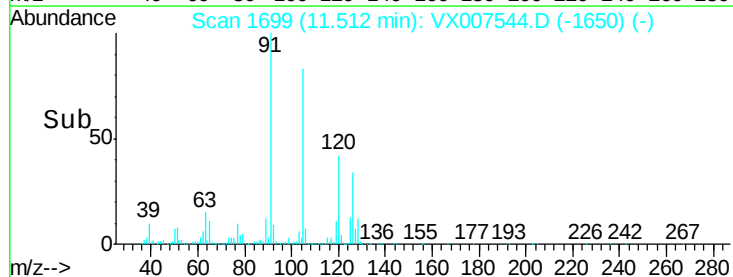
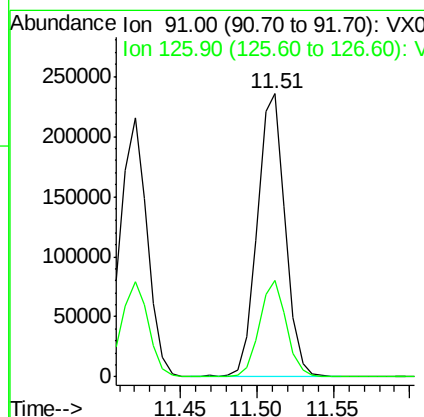
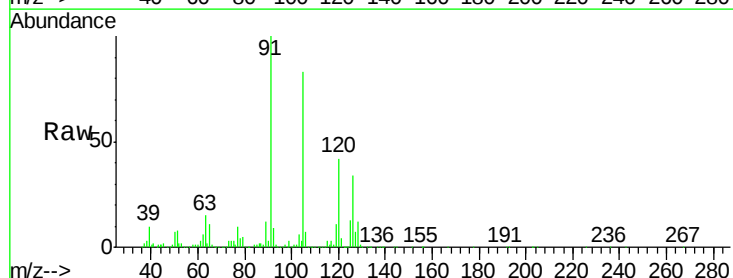
Instrument :
MSVOA_X
ClientSampled :

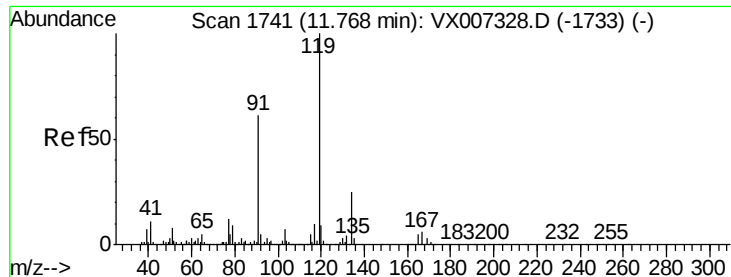
Tot Ion: 75 Resp: 33052
Ion Ratio Lower Upper
75 100
53 104.7 81.0 121.6
89 46.4 41.4 62.0



#82
4-Chlorotoluene
Concen: 18.127 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion: 91 Resp: 296567
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.5





#83

tert-Butylbenzene

Concen: 18.645 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

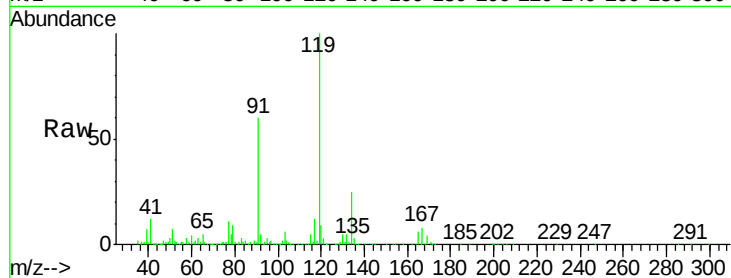
Tot Ion:119 Resp: 320912

Ion Ratio Lower Upper

119 100

91 55.7 28.5 85.6

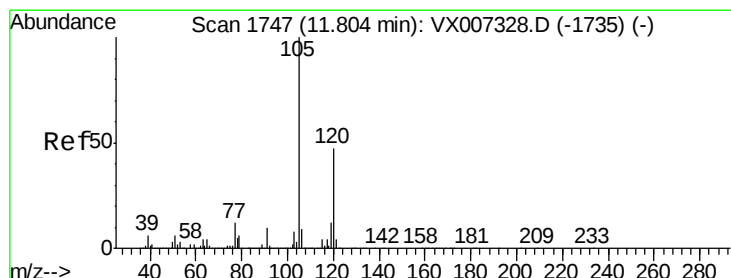
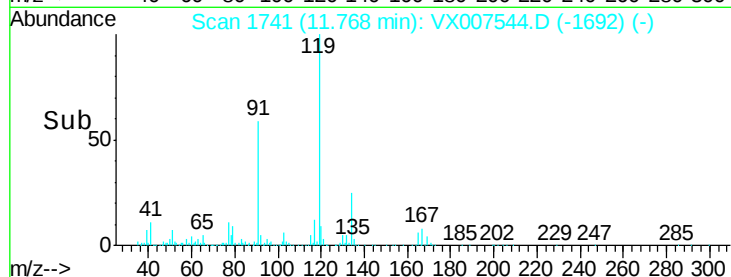
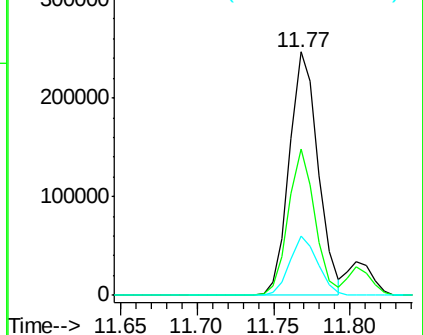
134 23.8 12.0 36.0



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: 18.788 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007544.D

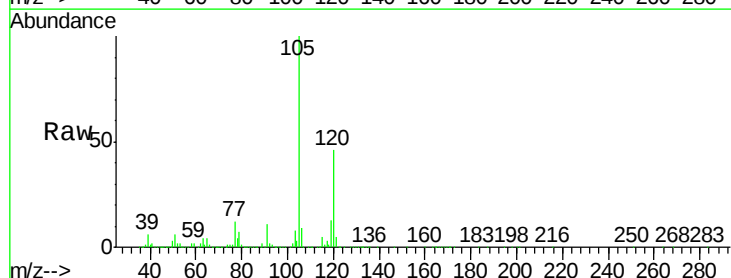
Acq: 14 Feb 2019 14:35

Tgt Ion:105 Resp: 331608

Ion Ratio Lower Upper

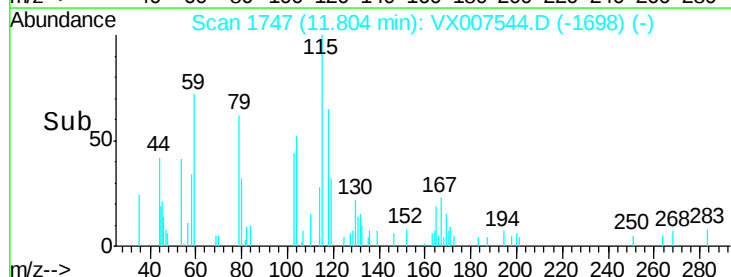
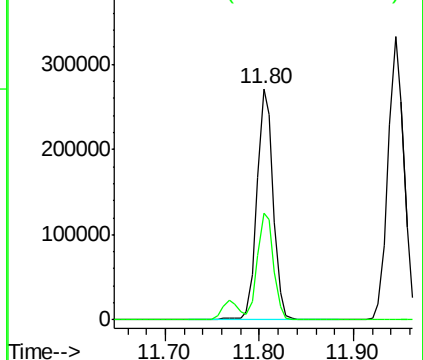
105 100

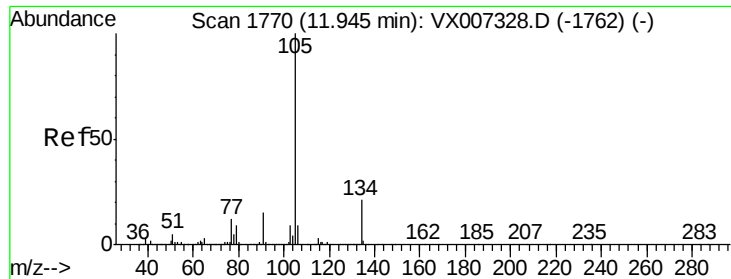
120 46.1 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.742 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

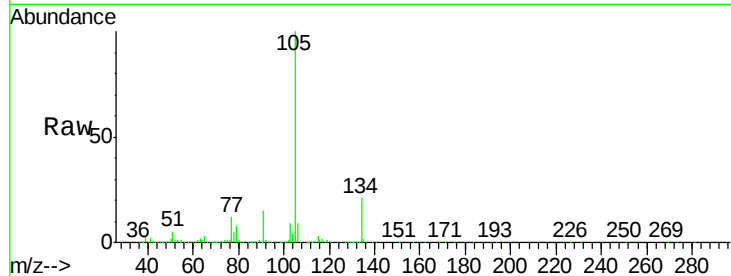
ClientSampleId :

Tot Ion:105 Resp: 390430

Ion Ratio Lower Upper

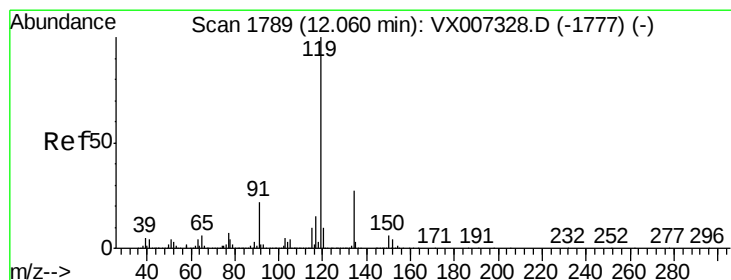
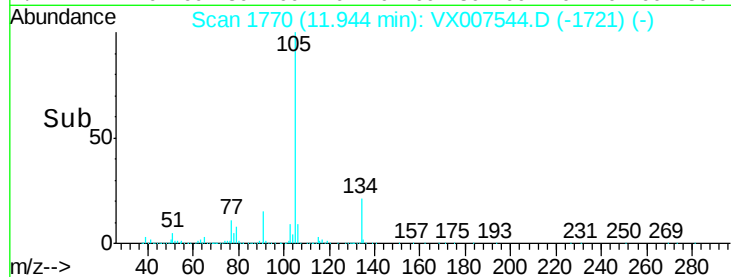
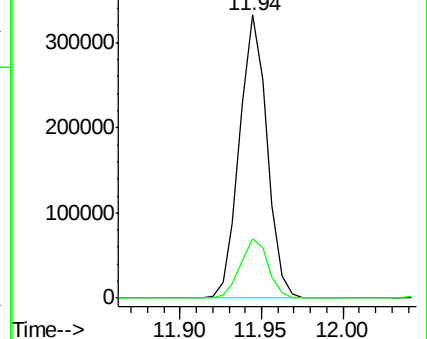
105 100

134 21.3 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.250 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

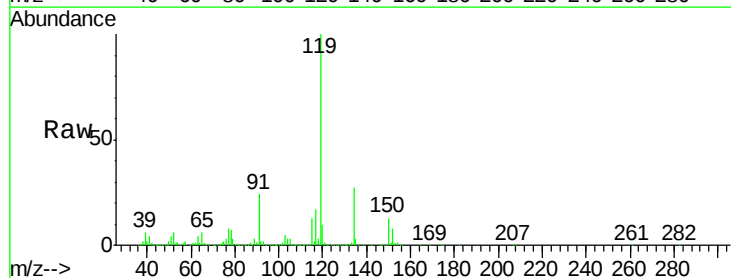
Tgt Ion:119 Resp: 343189

Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.1

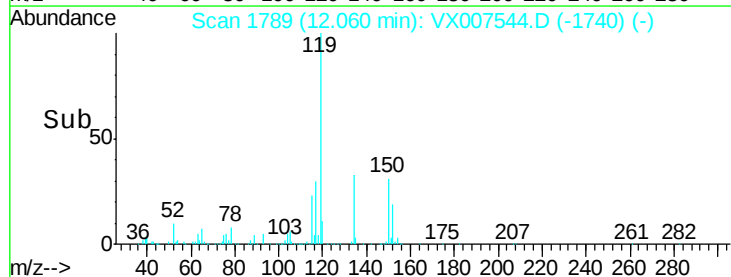
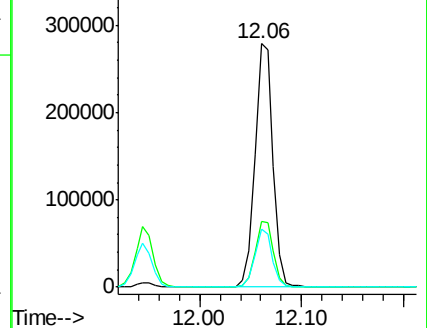
91 22.8 11.2 33.5

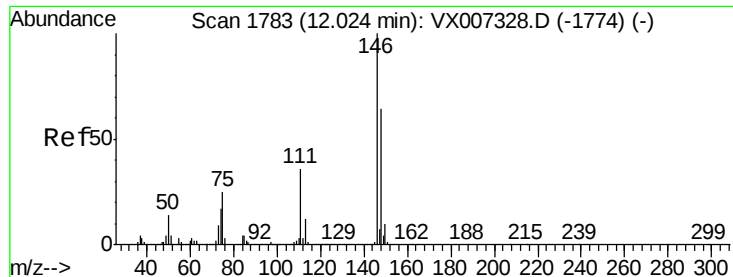


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

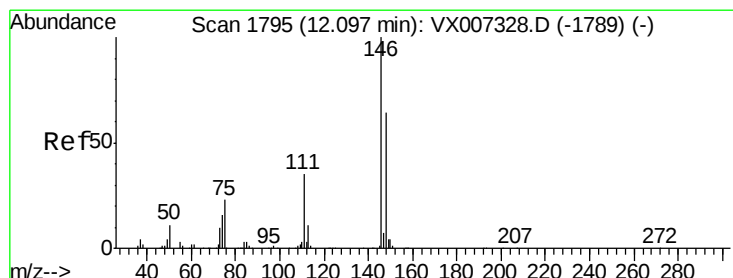
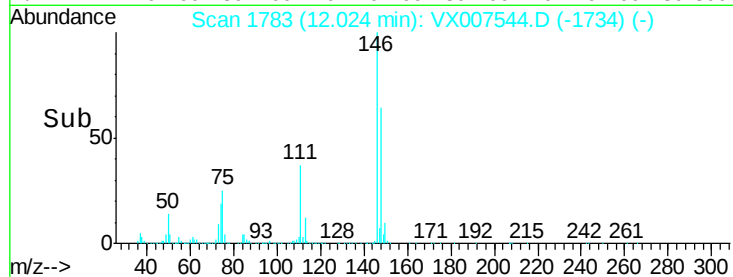
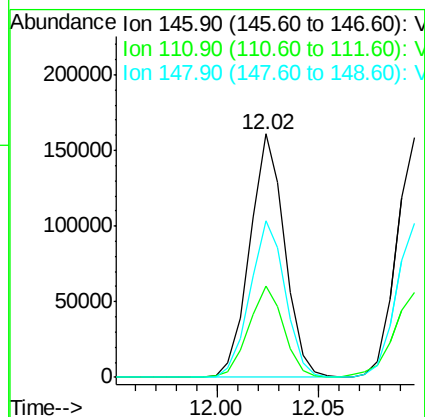
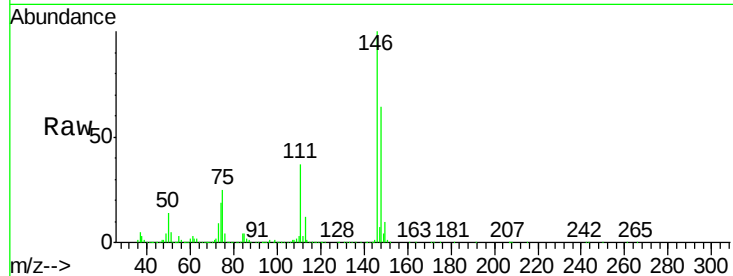




#87
 1,3-Dichlorobenzene
 Concen: 17.737 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

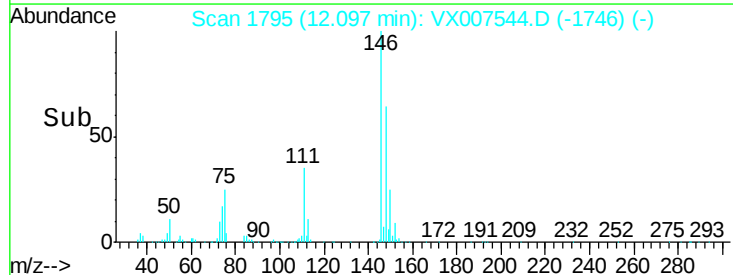
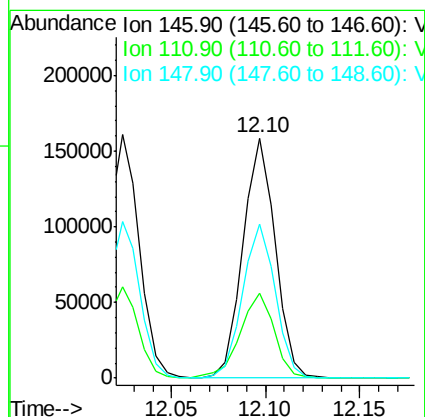
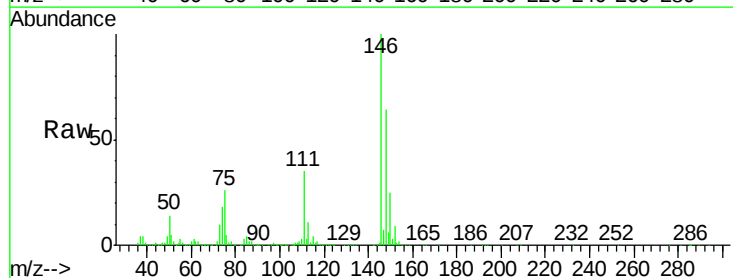
Instrument :
 MSVOA_X
 ClientSampleId :

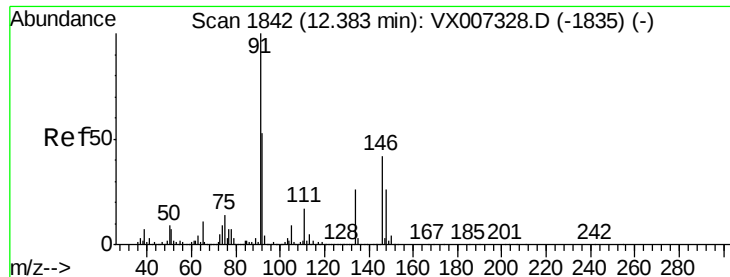
Tot Ion:146 Resp: 190583
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.1 54.1
 148 65.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 17.270 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Tgt Ion:146 Resp: 188263
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.1 54.1
 148 65.6 32.3 96.9

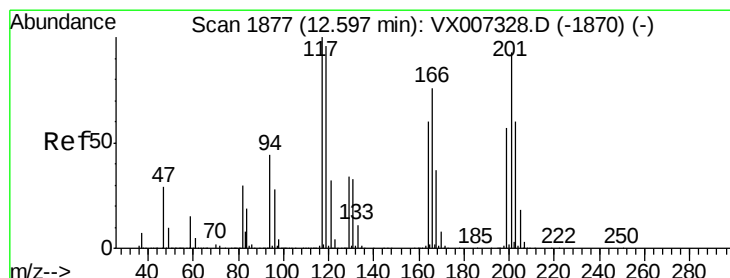
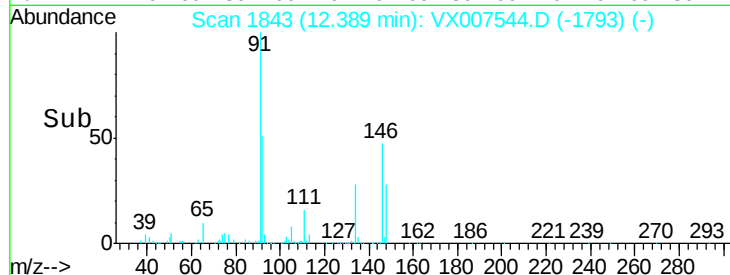
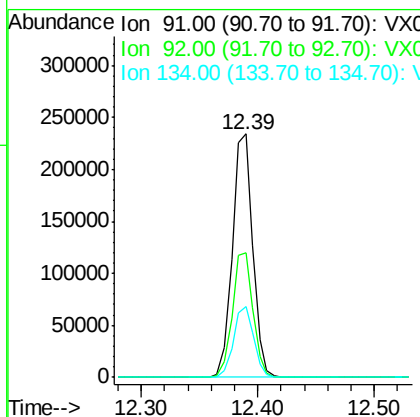
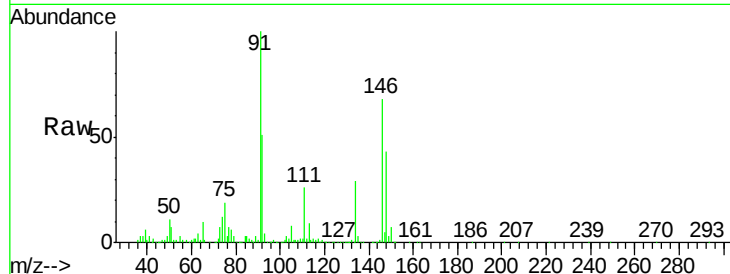




#89
n-Butylbenzene
Concen: 17.677 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

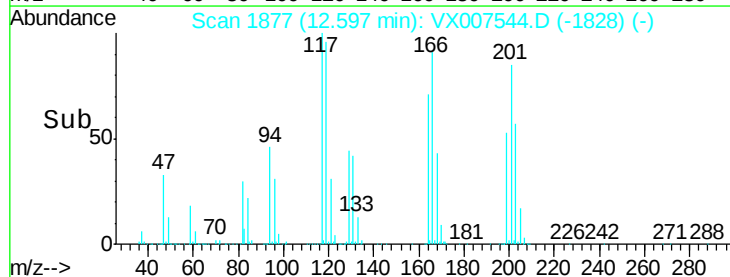
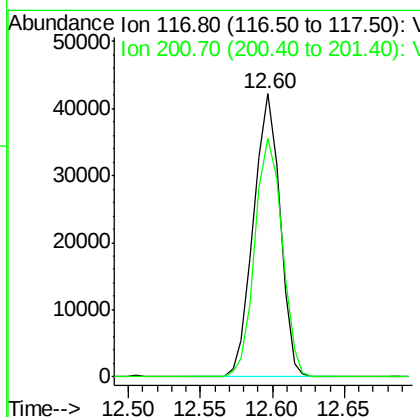
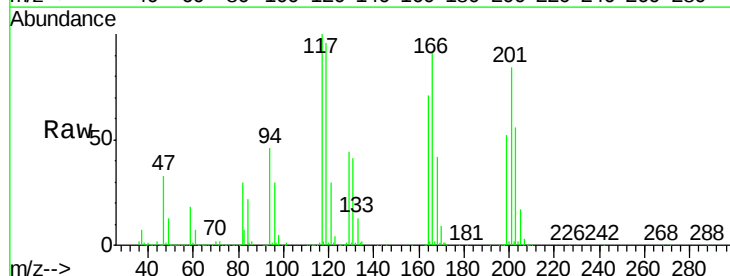
Instrument :
MSVOA_X
ClientSampleId :

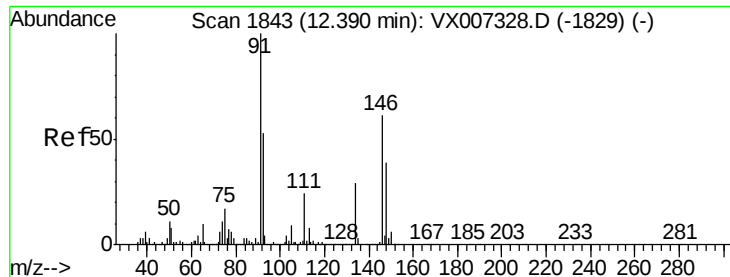
Tot Ion: 91 Resp: 285952
Ion Ratio Lower Upper
91 100
92 51.8 26.3 78.9
134 28.6 13.9 41.6



#90
Hexachloroethane
Concen: 19.034 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion: 117 Resp: 53571
Ion Ratio Lower Upper
117 100
201 86.6 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 18.370 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

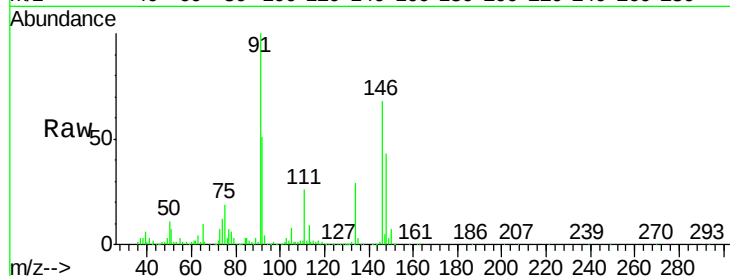
Tot Ion:146 Resp: 196442

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.3

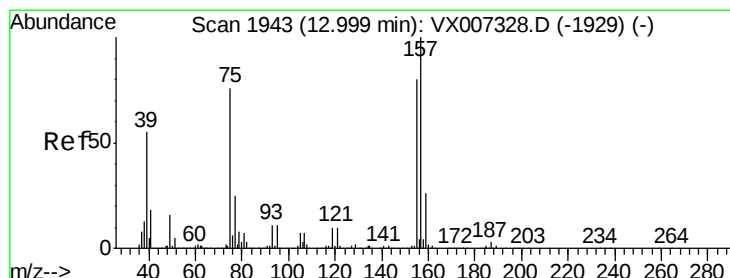
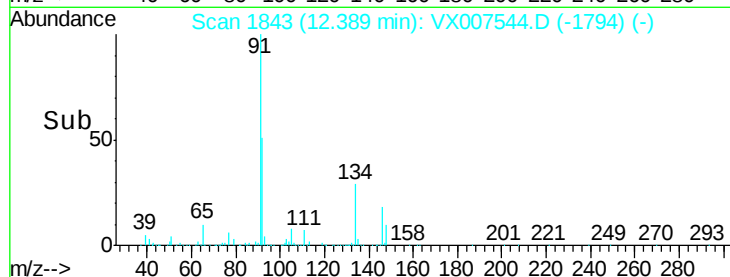
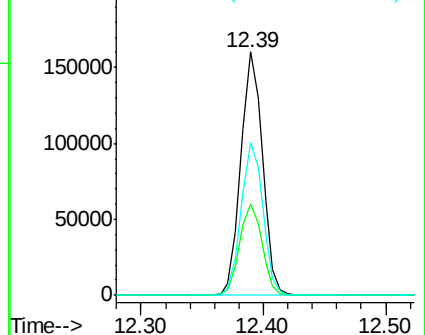
148 63.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.512 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

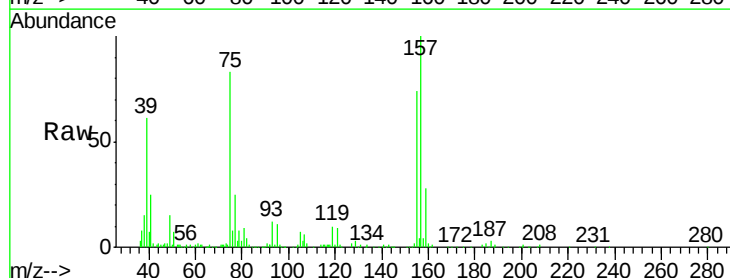
Tgt Ion: 75 Resp: 27621

Ion Ratio Lower Upper

75 100

155 96.2 49.6 149.0

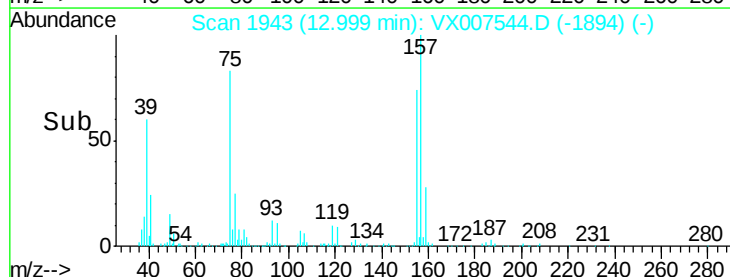
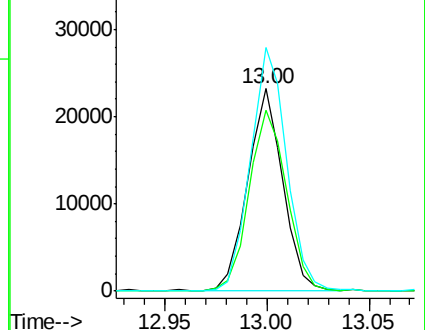
157 124.9 65.1 195.3

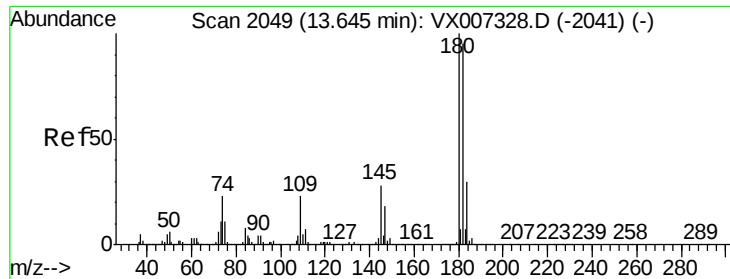


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

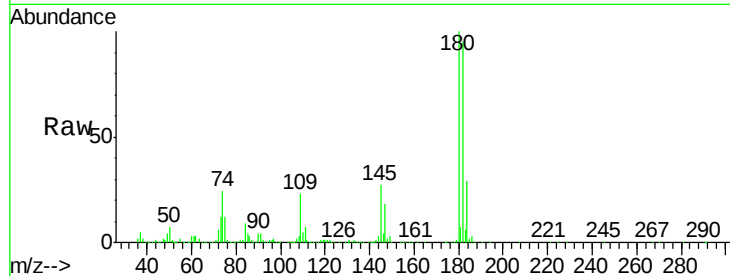




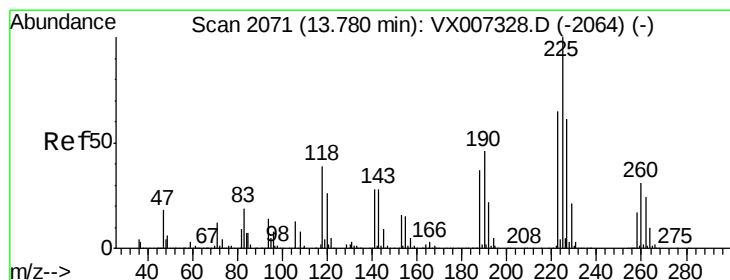
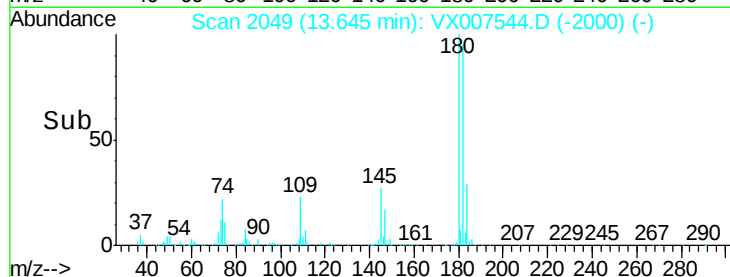
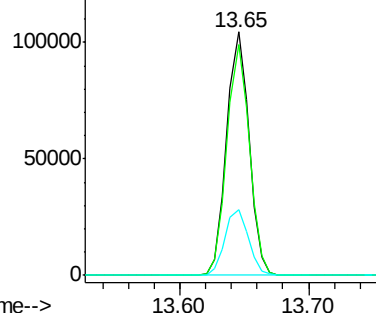
#93
 1,2,4-Trichlorobenzene
 Concen: 17.327 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.8	143.3
145	28.4	14.1	42.2

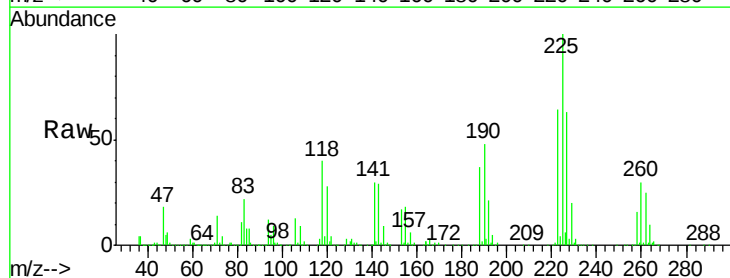


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

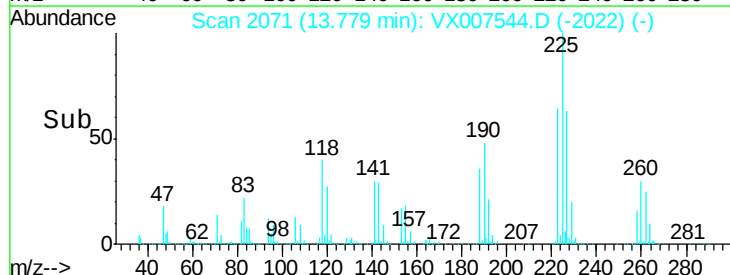
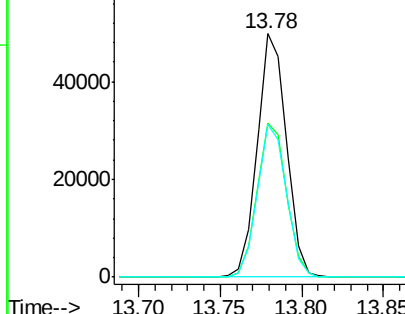


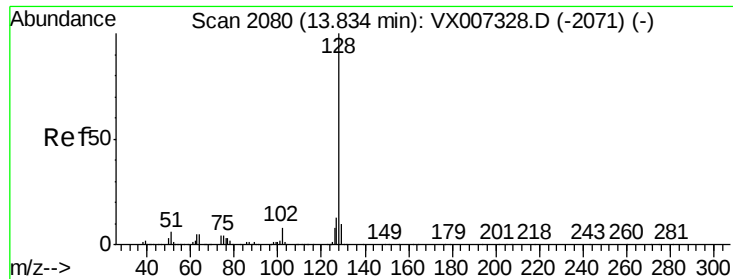
#94
 Hexachlorobutadiene
 Concen: 17.630 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.6	94.8
227	62.5	32.1	96.3



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





#95

Naphthalene

Concen: 18.913 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

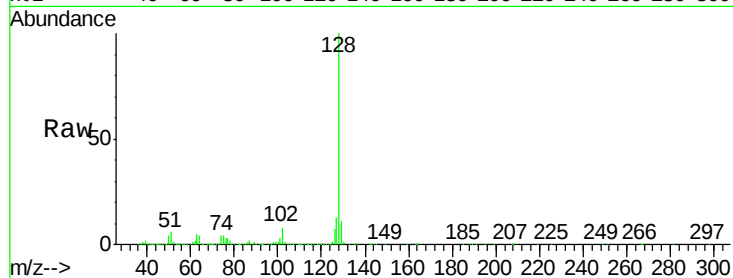
Tot Ion:128 Resp: 398862

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

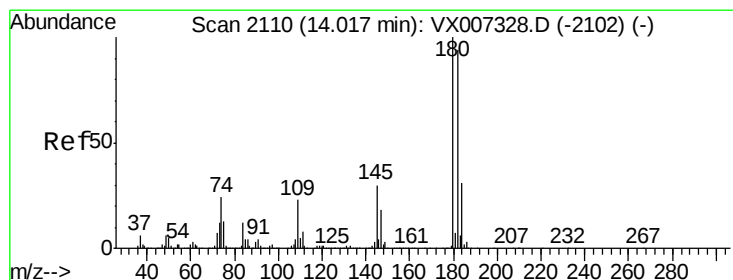
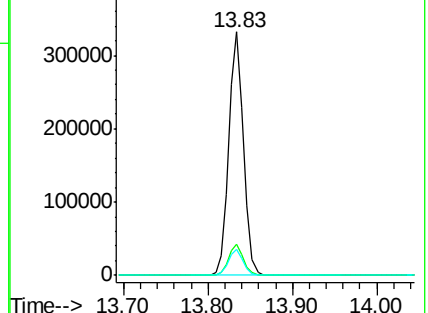
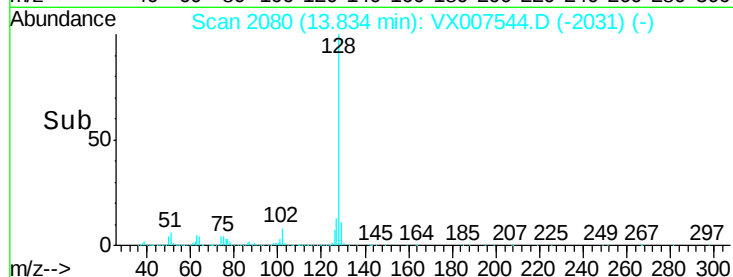
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.433 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

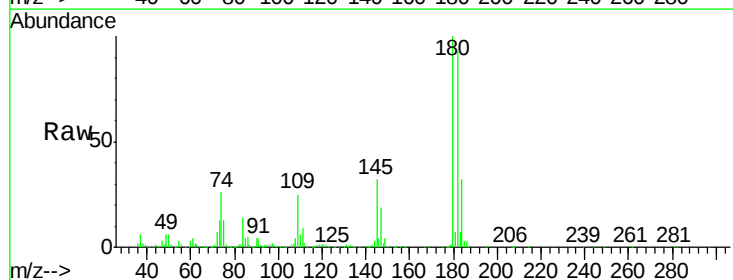
Tgt Ion:180 Resp: 126546

Ion Ratio Lower Upper

180 100

182 95.9 47.5 142.6

145 31.1 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

