

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020819\
 Data File : VX007433.D
 Acq On : 08 Feb 2019 10:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 08 23:04:01 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	5.66	168	550036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	774945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	707510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	377144	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	314277	53.83	ug/l	0.00
Spiked Amount			Recovery	=	107.66%	
35) Dibromofluoromethane	5.50	113	287306	56.98	ug/l	0.00
Spiked Amount			Recovery	=	113.96%	
50) Toluene-d8	8.71	98	1068378	57.11	ug/l	0.00
Spiked Amount			Recovery	=	114.22%	
62) 4-Bromofluorobenzene	11.13	95	390625	57.19	ug/l	0.00
Spiked Amount			Recovery	=	114.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	312685	46.275	ug/l	98
3) Chloromethane	1.33	50	264908	42.759	ug/l	99
4) Vinyl Chloride	1.41	62	281993	46.397	ug/l	98
5) Bromomethane	1.64	94	281771	46.856	ug/l	99
6) Chloroethane	1.71	64	177090	45.041	ug/l	100
7) Trichlorofluoromethane	1.93	101	443373	46.632	ug/l	99
8) Diethyl Ether	2.19	74	159819	44.660	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	262016	46.329	ug/l	99
10) Methyl Iodide	2.51	142	380219	45.701	ug/l	100
11) Tert butyl alcohol	3.07	59	270913	224.226	ug/l	100
12) 1,1-Dichloroethene	2.37	96	232144	44.203	ug/l	100
13) Acrolein	2.29	56	137308	242.352	ug/l	97
14) Allyl chloride	2.73	41	395773	46.251	ug/l	99
15) Acrylonitrile	3.15	53	681224	227.920	ug/l	99
16) Acetone	2.45	43	608764	227.633	ug/l	100
17) Carbon Disulfide	2.57	76	581011	42.634	ug/l	99
18) Methyl Acetate	2.78	43	352505	50.582	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	773240	45.447	ug/l	98
20) Methylene Chloride	2.85	84	254985	46.653	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	247452	44.232	ug/l	99
22) Diisopropyl ether	3.87	45	757368	48.117	ug/l	97
23) Vinyl Acetate	3.82	43	3299993	252.650	ug/l	100
24) 1,1-Dichloroethane	3.70	63	436668	48.308	ug/l	98
25) 2-Butanone	4.70	43	874259	229.713	ug/l	100
26) 2,2-Dichloropropane	4.58	77	328935	47.784	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	265586	43.464	ug/l	98
28) Bromochloromethane	5.02	49	217772	52.389	ug/l	98
29) Tetrahydrofuran	5.15	42	571276	238.664	ug/l	99
30) Chloroform	5.21	83	431523	45.750	ug/l	98
31) Cyclohexane	5.57	56	368630	45.407	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	377163	47.372	ug/l	100
36) 1,1-Dichloropropene	5.80	75	318481	45.804	ug/l	100
37) Ethyl Acetate	4.85	43	329383	46.862	ug/l	99
38) Carbon Tetrachloride	5.78	117	336727	49.918	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	416586	49.520	ug/l	99
40) Benzene	6.14	78	965950	47.161	ug/l	99
41) Methacrylonitrile	5.06	41	185439	49.227	ug/l	98
42) 1,2-Dichloroethane	6.20	62	322047	45.445	ug/l	98
43) Isopropyl Acetate	6.46	43	530854	48.931	ug/l	99
44) Trichloroethene	7.21	130	285132	46.223	ug/l	99
45) 1,2-Dichloropropane	7.51	63	242852	47.323	ug/l	100
46) Dibromomethane	7.66	93	174927	46.900	ug/l	97
47) Bromodichloromethane	7.90	83	312928	49.505	ug/l	99
48) Methyl methacrylate	7.77	41	271597	50.049	ug/l	99
49) 1,4-Dioxane	7.75	88	118843	963.240	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1714766	240.099	ug/l	99
52) Toluene	8.78	92	628767	47.581	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	352714	51.947	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	385088	51.573	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	258001	46.838	ug/l	98
56) Ethyl methacrylate	9.18	69	367283	48.142	ug/l	100
57) 1,3-Dichloropropane	9.37	76	413330	47.184	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	921126	229.066	ug/l	100
59) 2-Hexanone	9.49	43	1318944	237.323	ug/l	100
60) Dibromochloromethane	9.58	129	274727	52.734	ug/l	99
61) 1,2-Dibromoethane	9.67	107	283725	48.637	ug/l	100
64) Tetrachloroethene	9.33	164	305719	45.845	ug/l	99
65) Chlorobenzene	10.14	112	717776	46.490	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	264952	51.185	ug/l	99
67) Ethyl Benzene	10.25	91	1214328	48.841	ug/l	100
68) m/p-Xylenes	10.36	106	953188	96.444	ug/l	100
69) o-Xylene	10.69	106	460858	48.459	ug/l	100
70) Styrene	10.71	104	747002	48.433	ug/l	100
71) Bromoform	10.86	173	206129	45.773	ug/l	100
73) Isopropylbenzene	11.02	105	1240394	48.398	ug/l	99
74) N-amyl acetate	10.90	43	476286	48.047	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	367749	47.083	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	427579	58.286	ug/l	78
77) Bromobenzene	11.26	156	327582	45.364	ug/l	97
78) n-propylbenzene	11.36	91	1408972	50.135	ug/l	100
79) 2-Chlorotoluene	11.42	91	803238	47.103	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1012844	48.305	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	112053	47.448	ug/l	96
82) 4-Chlorotoluene	11.51	91	941668	47.723	ug/l	100
83) tert-Butylbenzene	11.77	119	1000325	48.187	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1037536	48.740	ug/l	99
85) sec-Butylbenzene	11.94	105	1260603	50.173	ug/l	100
86) p-Isopropyltoluene	12.06	119	1130950	49.864	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	598105	46.152	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	601653	45.760	ug/l	100
89) n-Butylbenzene	12.39	91	983254	50.396	ug/l	99
90) Hexachloroethane	12.60	117	181240	53.394	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	592665	45.953	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	78615	48.406	ug/l	98

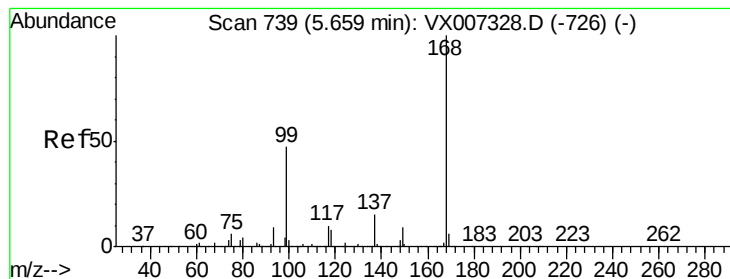
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	423435	48.684	ug/l	99
94) Hexachlorobutadiene	13.78	225	206517	48.899	ug/l	100
95) Naphthalene	13.83	128	1258891	49.495	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	417683	47.708	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

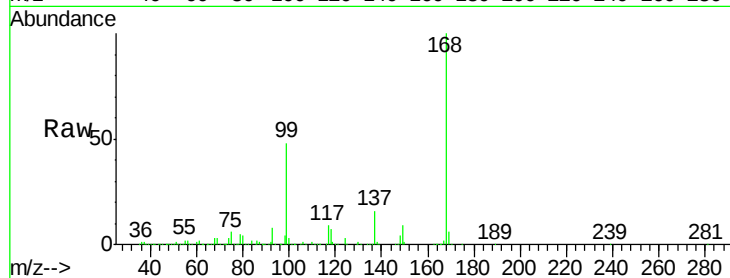
ClientSampled :

Tot Ion:168 Resp: 550036

Ion Ratio Lower Upper

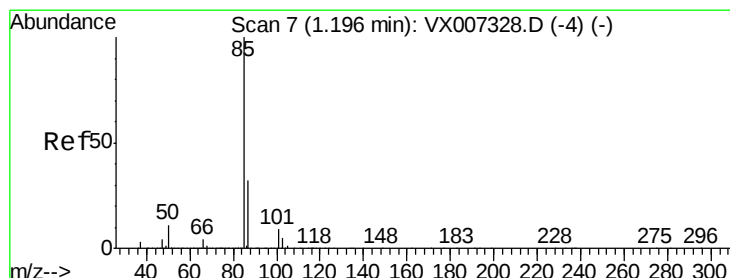
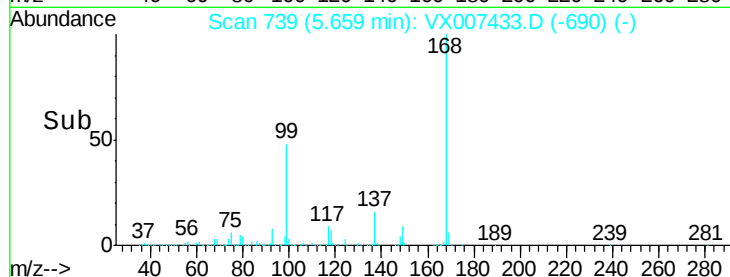
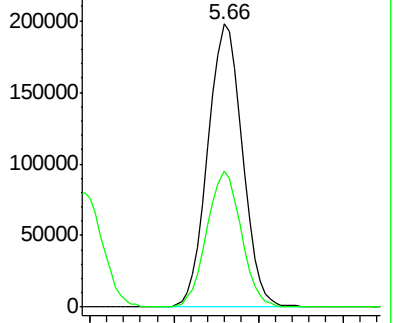
168 100

99 48.1 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: 46.275 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007433.D

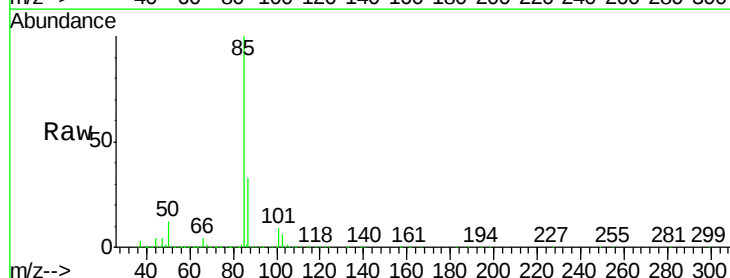
Acq: 08 Feb 2019 10:39

Tgt Ion: 85 Resp: 312685

Ion Ratio Lower Upper

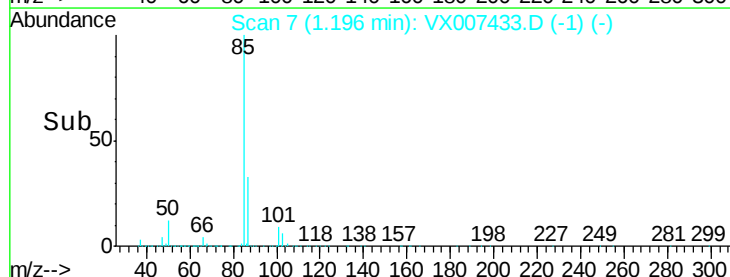
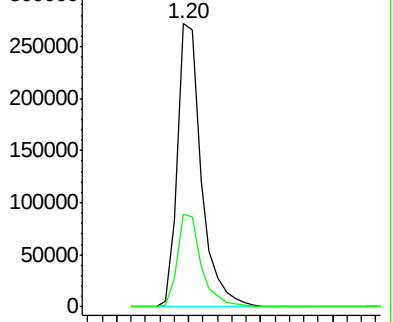
85 100

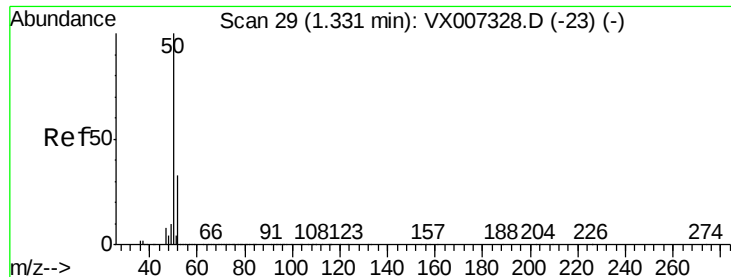
87 32.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.759 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

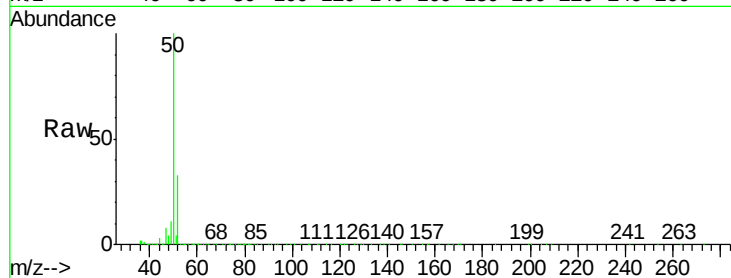
ClientSampled :

Tot Ion: 50 Resp: 264908

Ion Ratio Lower Upper

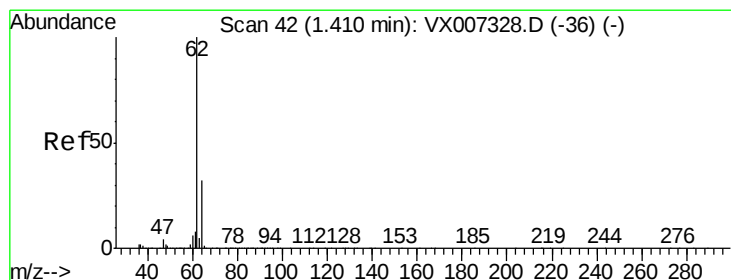
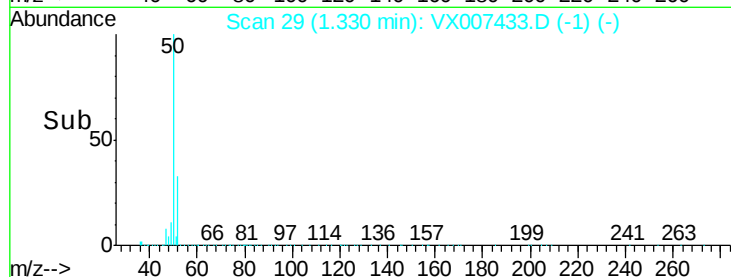
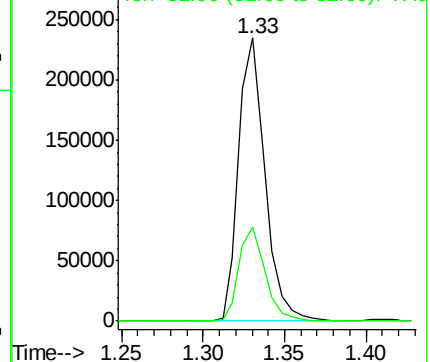
50 100

52 33.0 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.397 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007433.D

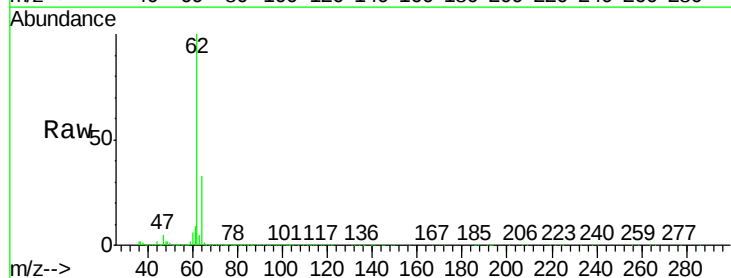
Acq: 08 Feb 2019 10:39

Tgt Ion: 62 Resp: 281993

Ion Ratio Lower Upper

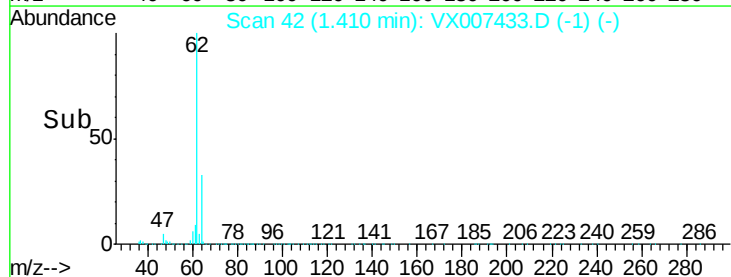
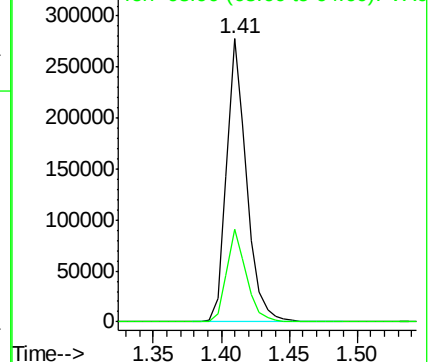
62 100

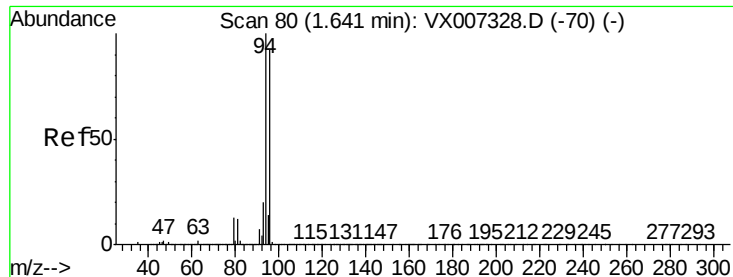
64 32.8 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.856 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

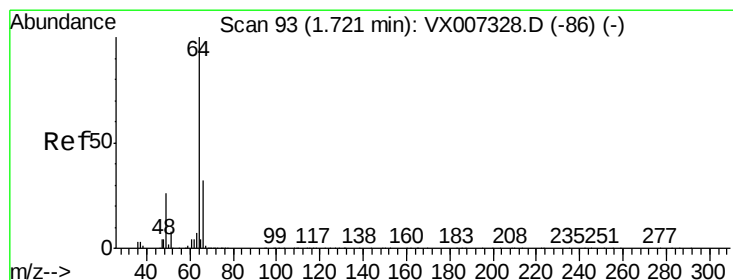
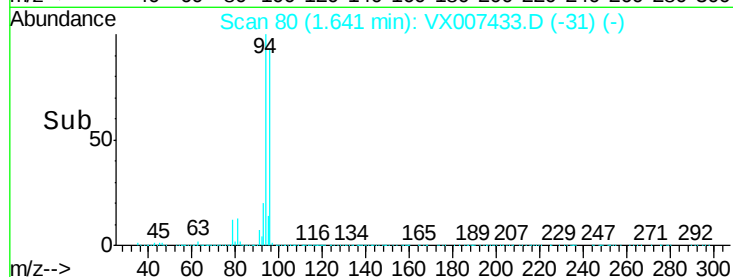
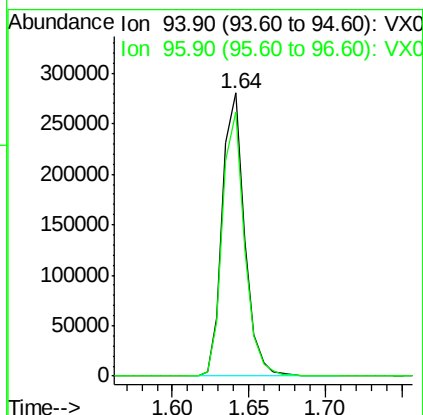
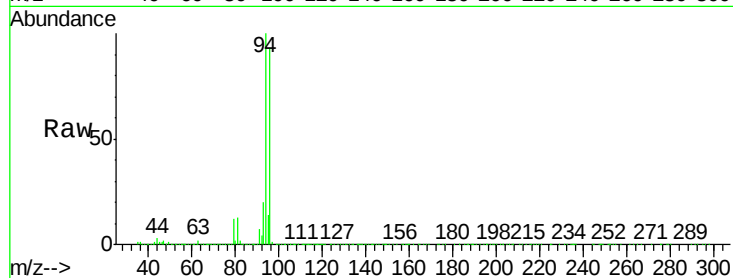
ClientSampleId :

Tot Ion: 94 Resp: 281771

Ion Ratio Lower Upper

94 100

96 93.3 73.9 110.9



#6

Chloroethane

Concen: 45.041 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007433.D

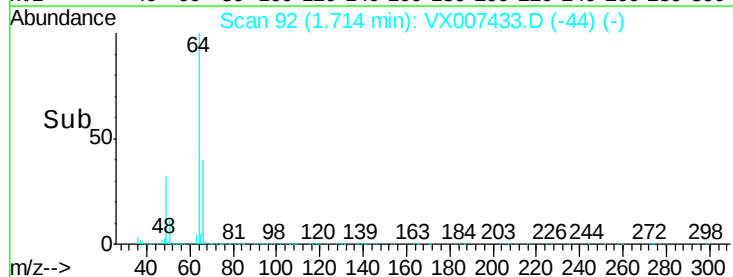
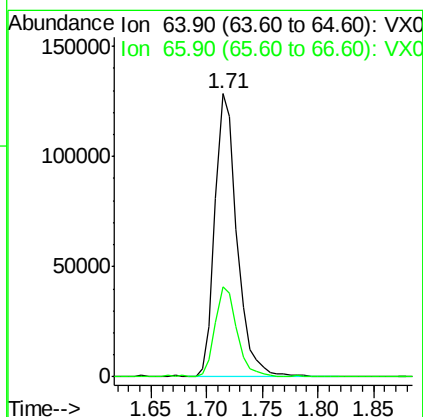
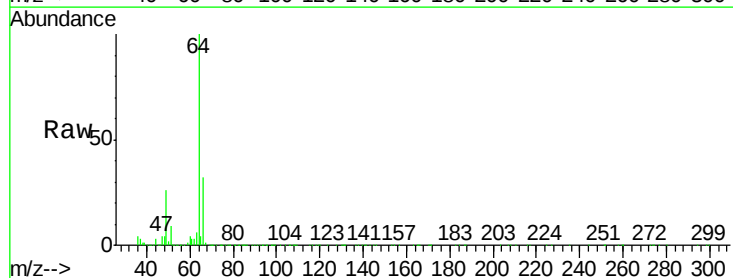
Acq: 08 Feb 2019 10:39

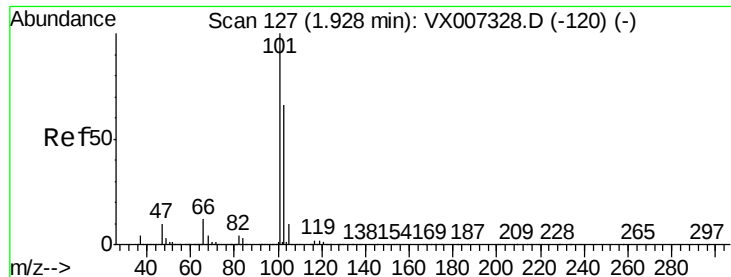
Tgt Ion: 64 Resp: 177090

Ion Ratio Lower Upper

64 100

66 31.7 25.5 38.3



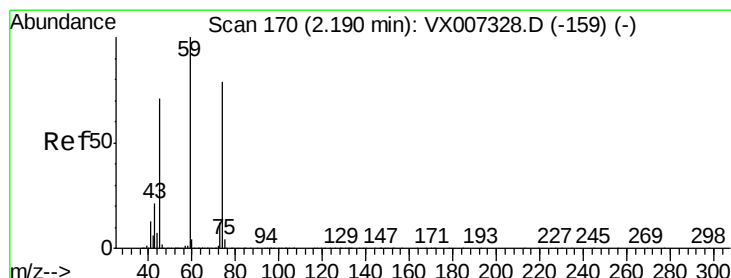
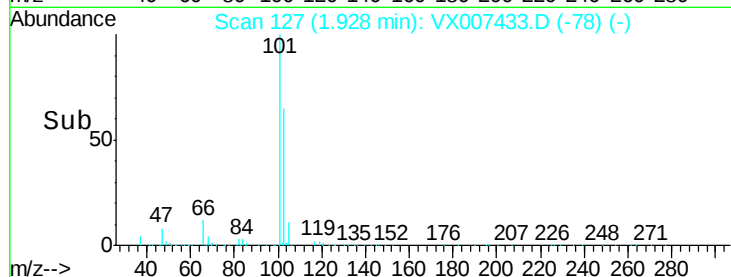
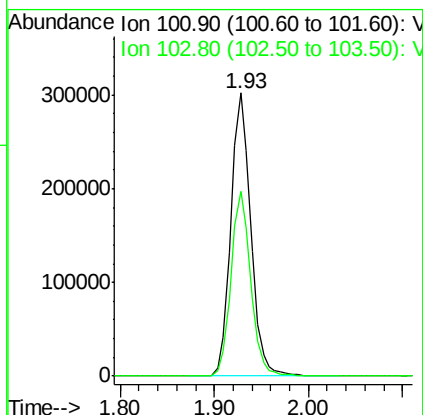
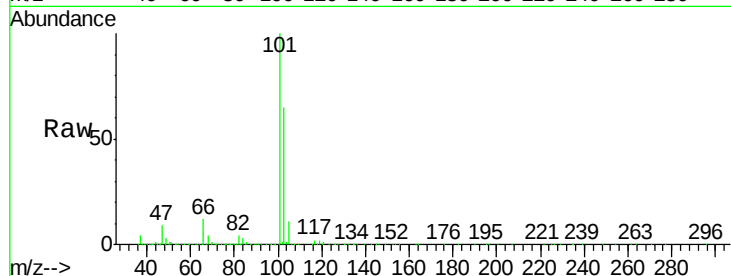


#7

Trichlorofluoromethane
Concen: 46.632 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :

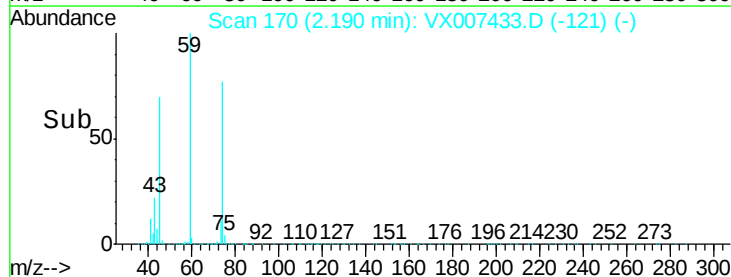
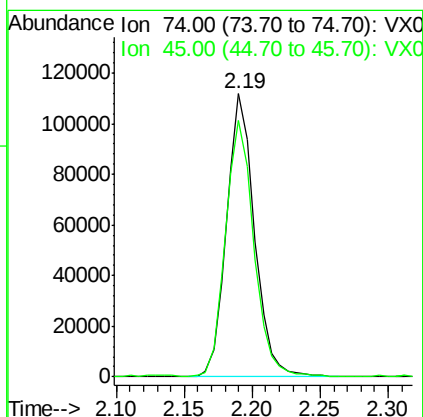
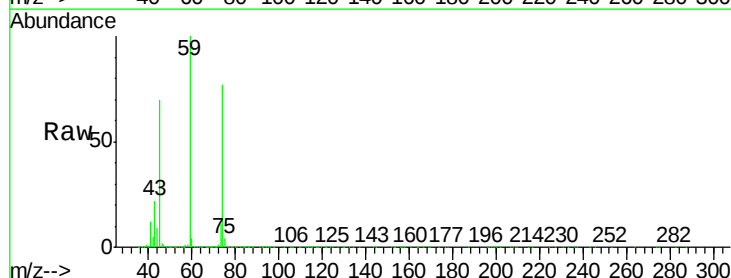
Tot Ion:101 Resp: 443373
Ion Ratio Lower Upper
101 100
103 65.3 52.6 79.0

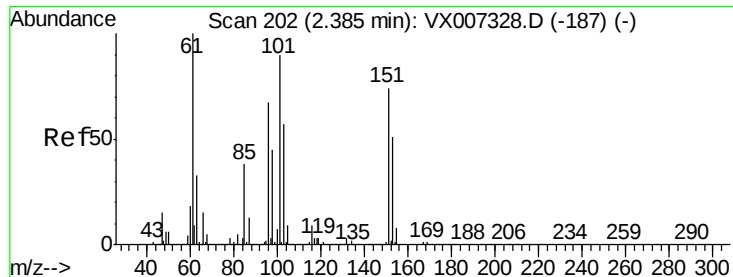


#8

Diethyl Ether
Concen: 44.660 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion: 74 Resp: 159819
Ion Ratio Lower Upper
74 100
45 91.6 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.329 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

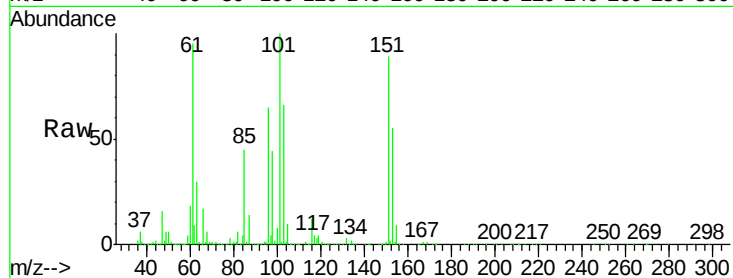
Tot Ion:101 Resp: 262016

Ion Ratio Lower Upper

101 100

85 44.2 34.1 51.1

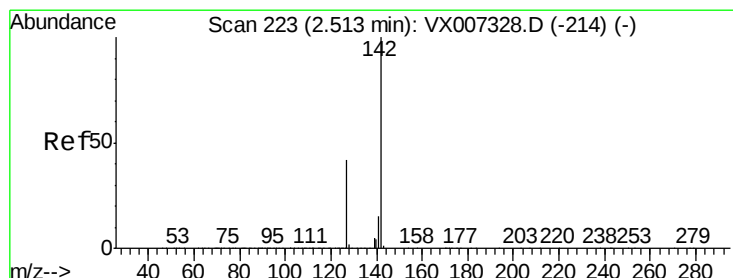
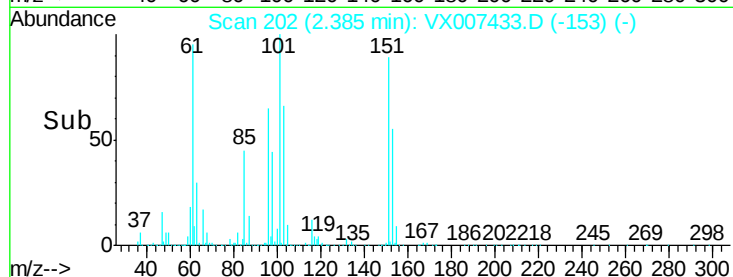
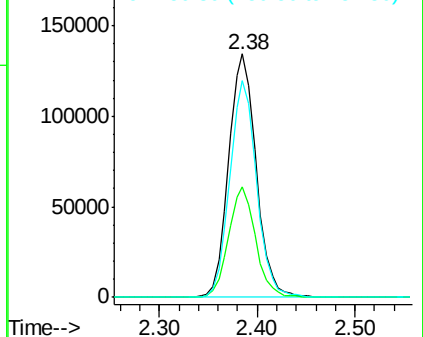
151 86.9 69.9 104.9



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: 45.701 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

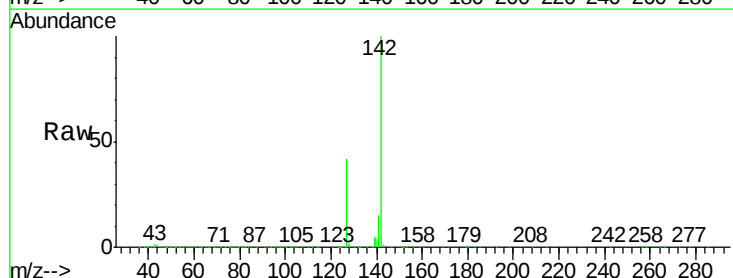
Tgt Ion:142 Resp: 380219

Ion Ratio Lower Upper

142 100

127 42.0 33.7 50.5

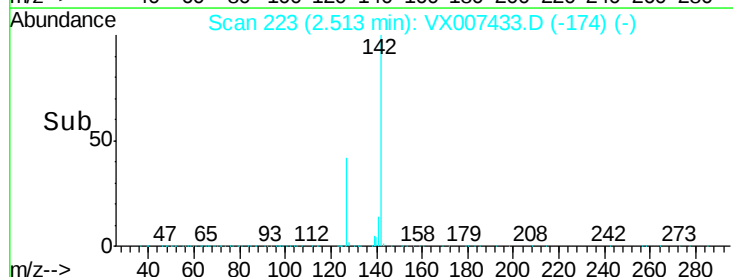
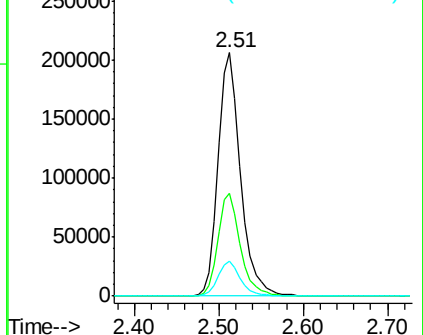
141 14.3 11.3 16.9

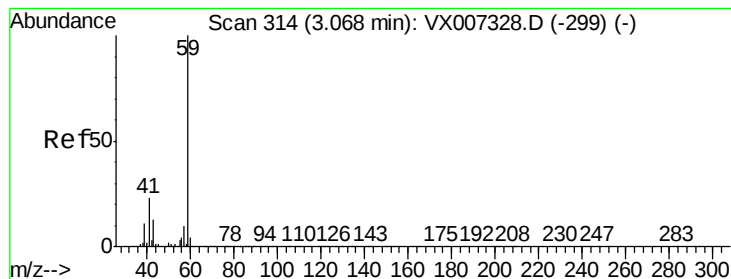


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



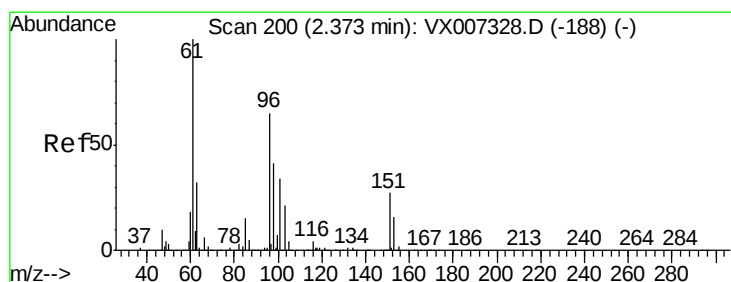
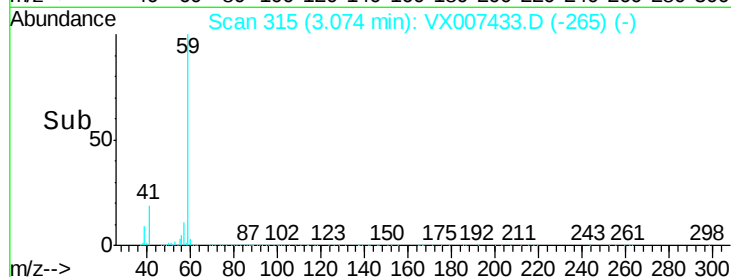
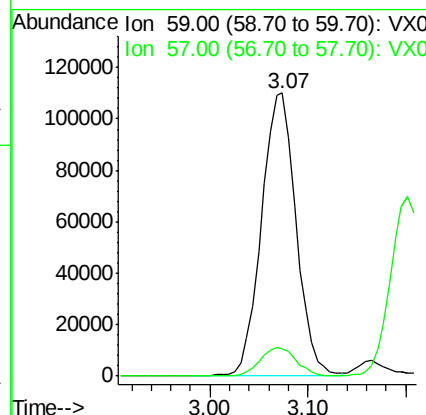
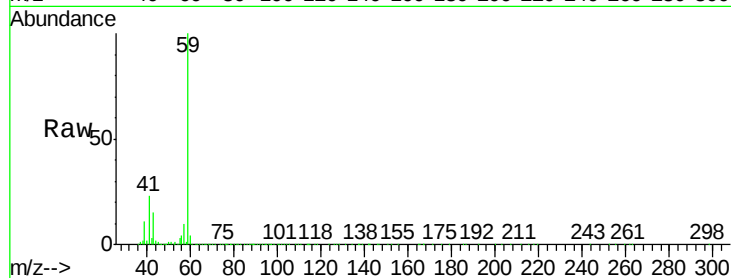


#11

Tert butyl alcohol
Concen: 224.226 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :

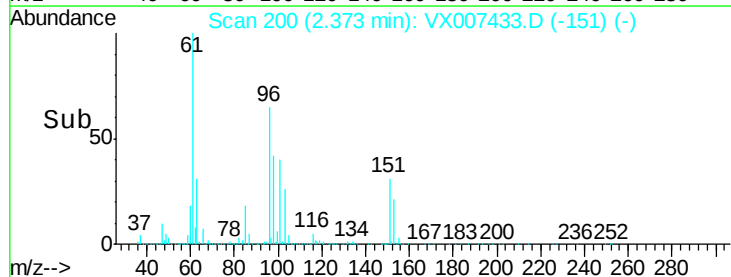
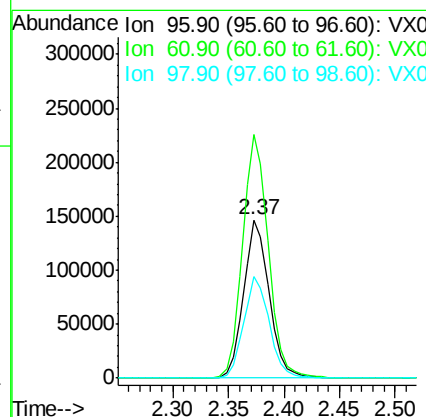
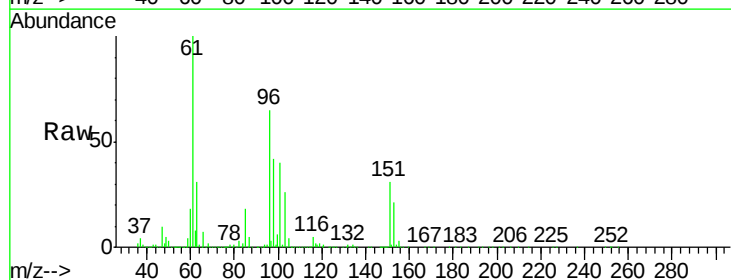
Tot Ion: 59 Resp: 270913
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1

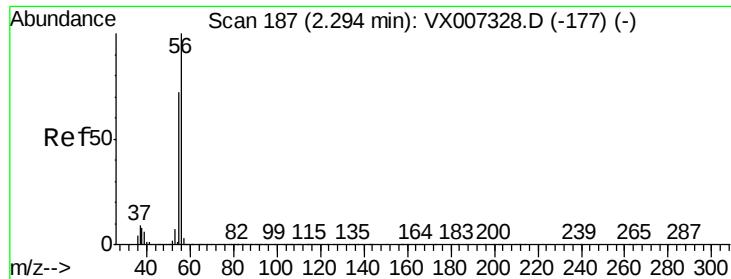


#12

1,1-Dichloroethene
Concen: 44.203 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion: 96 Resp: 232144
Ion Ratio Lower Upper
96 100
61 153.8 123.0 184.4
98 64.3 50.9 76.3





#13

Acrolein

Concen: 242.352 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

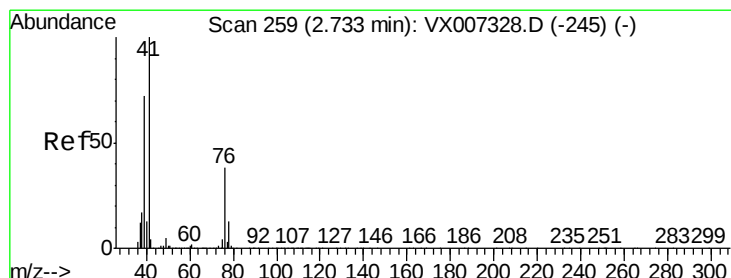
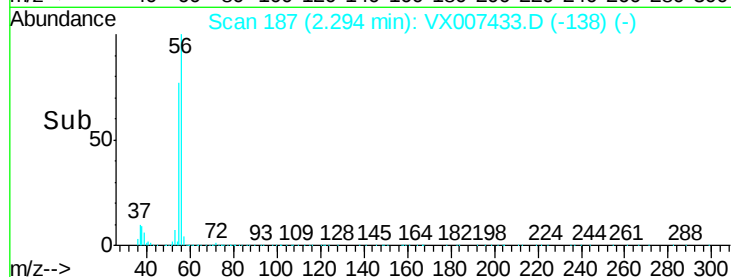
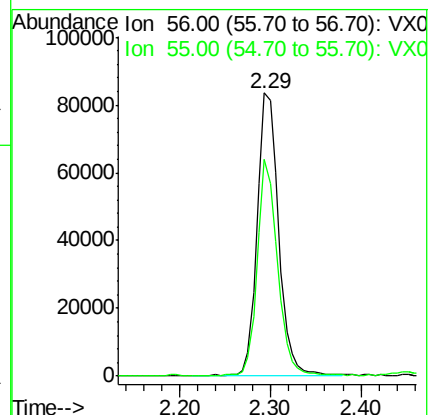
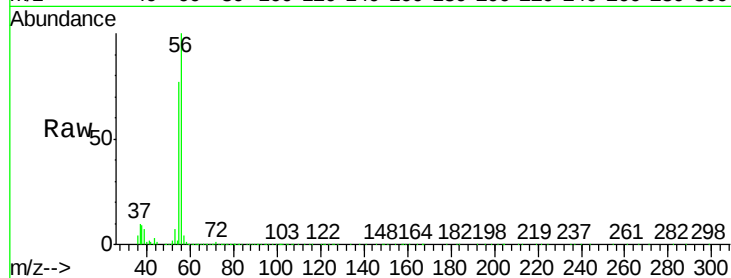
ClientSampleId :

Tot Ion: 56 Resp: 137308

Ion Ratio Lower Upper

56 100

55 73.2 56.9 85.3



#14

Allyl chloride

Concen: 46.251 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

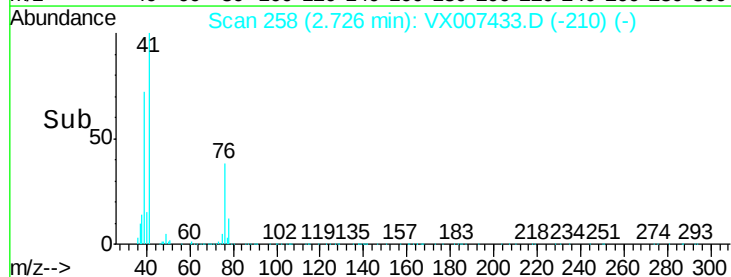
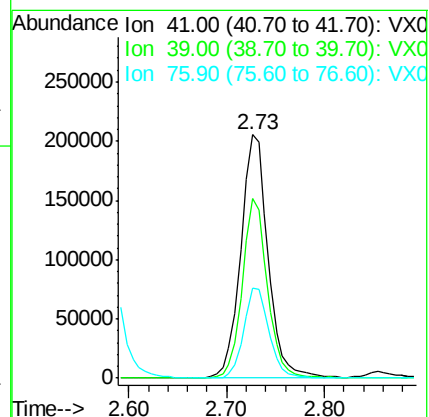
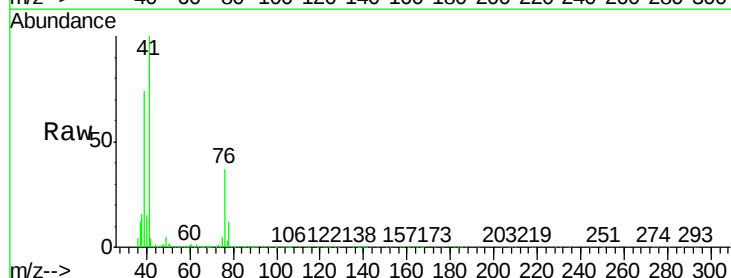
Tgt Ion: 41 Resp: 395773

Ion Ratio Lower Upper

41 100

39 68.6 54.1 81.1

76 34.6 27.8 41.8





#15

Acrylonitrile

Concen: 227.920 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :

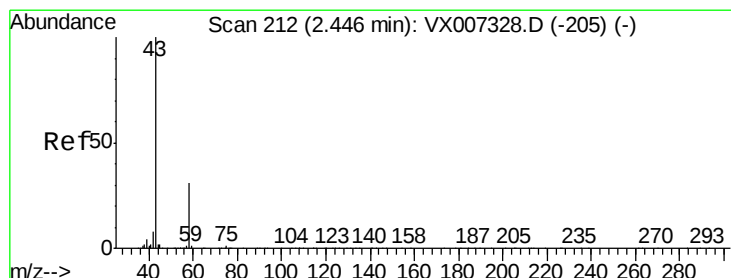
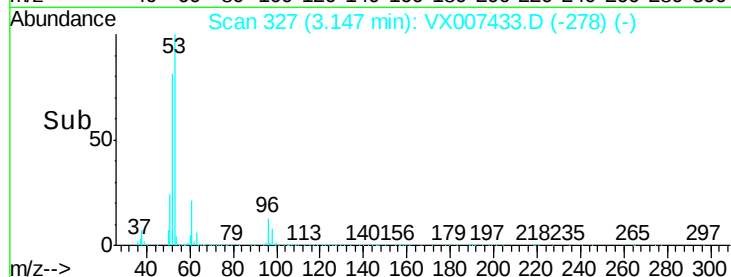
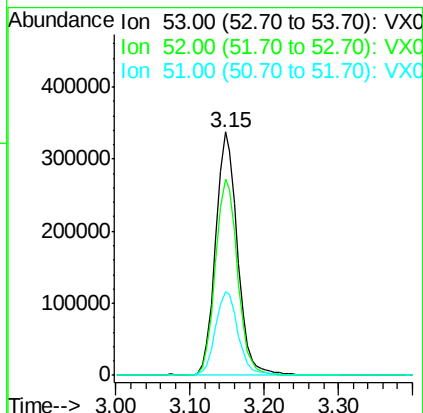
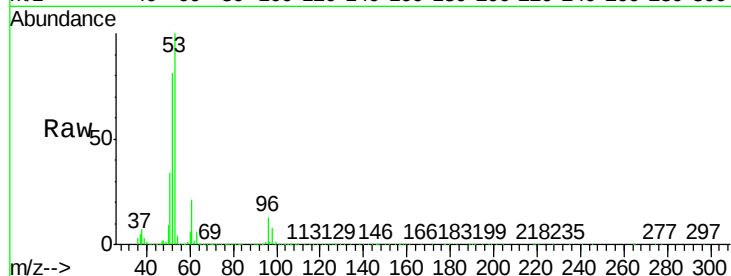
Tot Ion: 53 Resp: 681224

Ion Ratio Lower Upper

53 100

52 81.9 66.4 99.6

51 35.6 28.4 42.6



#16

Acetone

Concen: 227.633 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007433.D

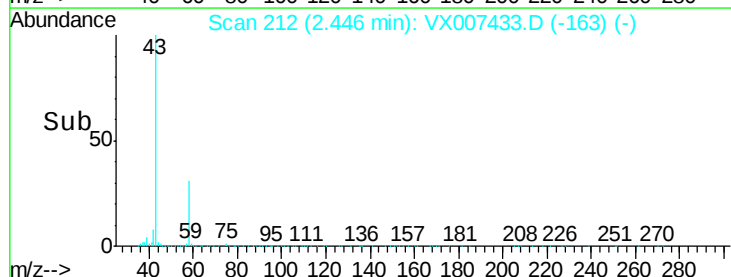
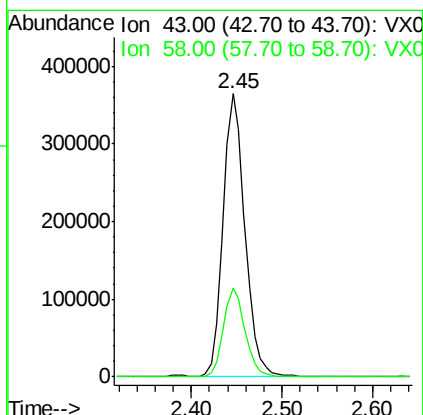
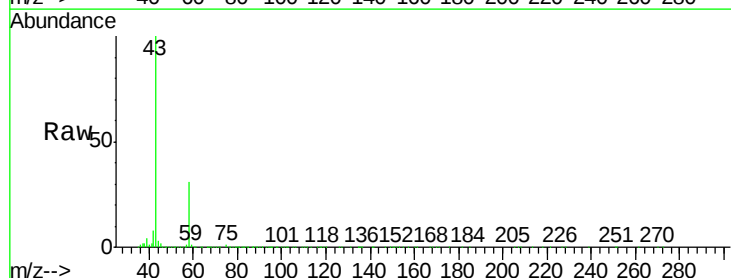
Acq: 08 Feb 2019 10:39

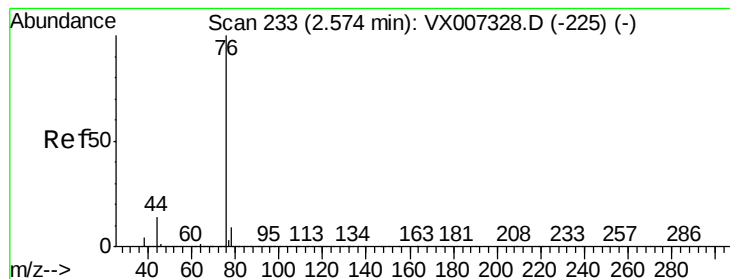
Tgt Ion: 43 Resp: 608764

Ion Ratio Lower Upper

43 100

58 31.2 24.9 37.3





#17

Carbon Disulfide

Concen: 42.634 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

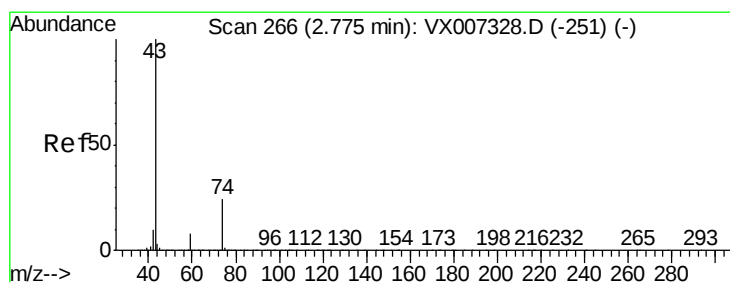
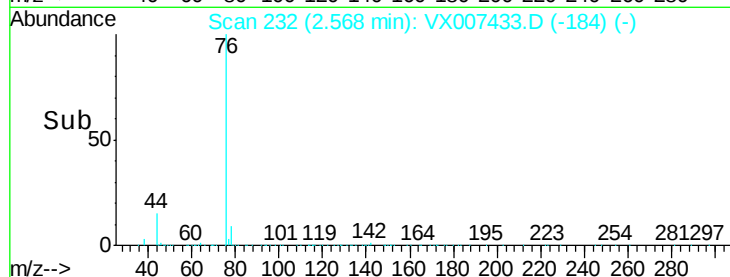
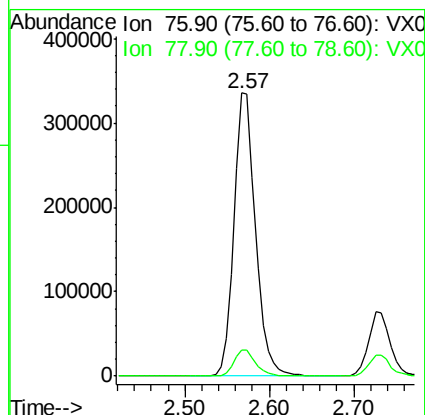
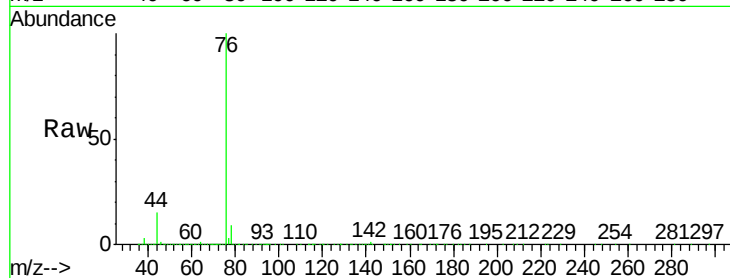
ClientSampleId :

Tot Ion: 76 Resp: 581011

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



#18

Methyl Acetate

Concen: 50.582 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX007433.D

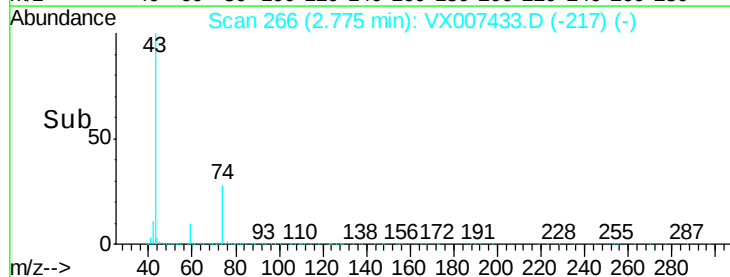
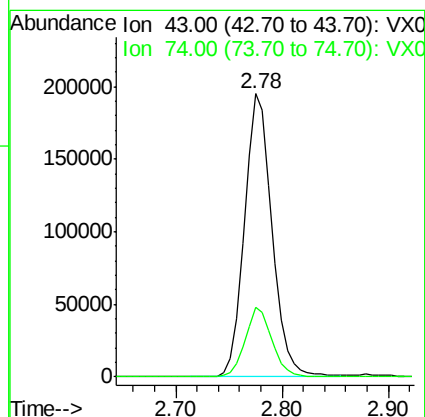
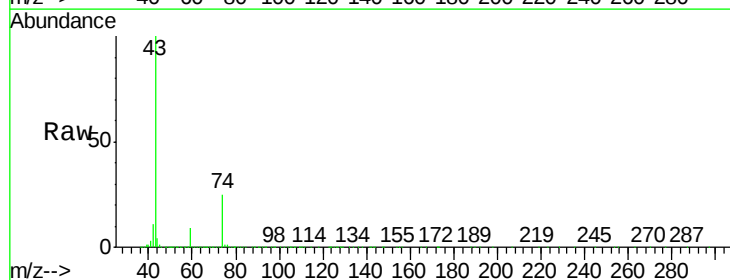
Acq: 08 Feb 2019 10:39

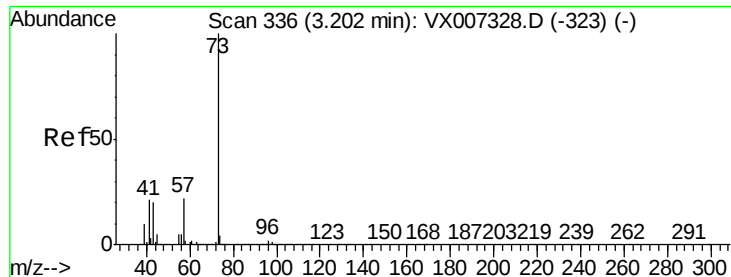
Tgt Ion: 43 Resp: 352505

Ion Ratio Lower Upper

43 100

74 23.9 19.4 29.2



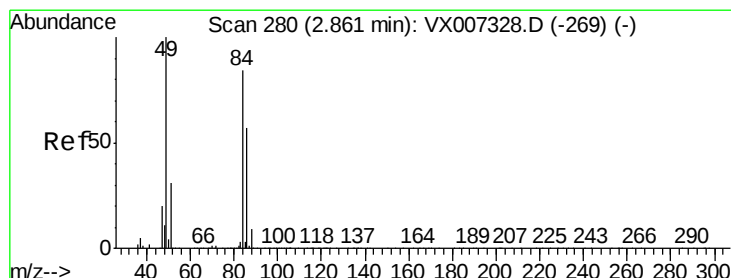
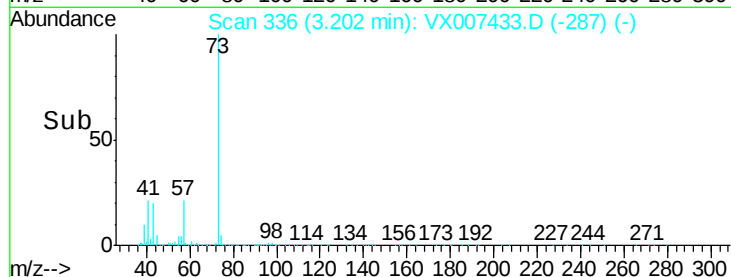
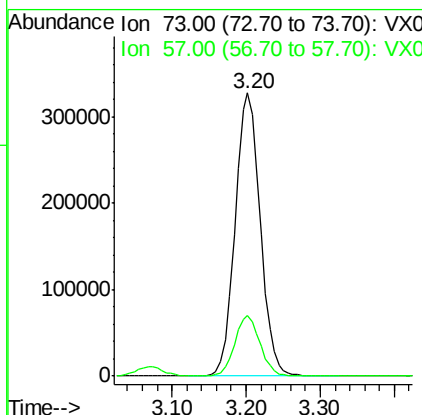
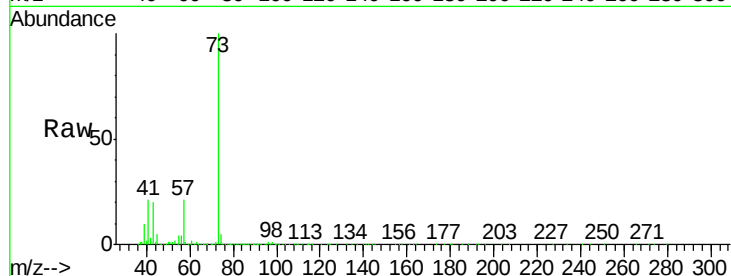


#19

Methyl tert-butyl Ether
Concen: 45.447 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :

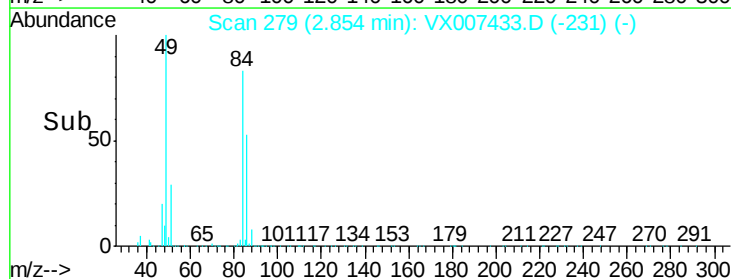
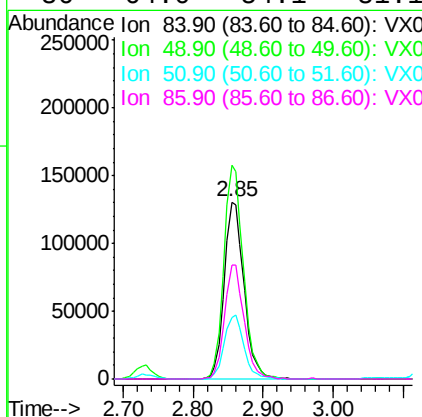
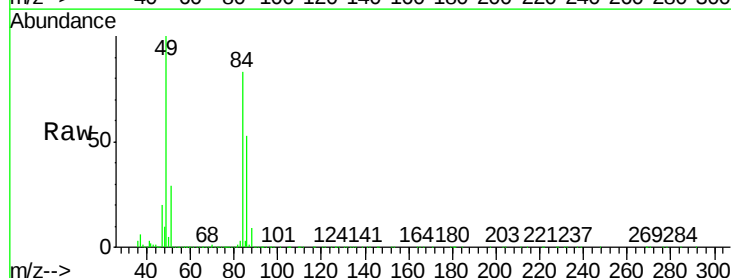
Tot Ion: 73 Resp: 773240
Ion Ratio Lower Upper
73 100
57 21.3 17.8 26.8

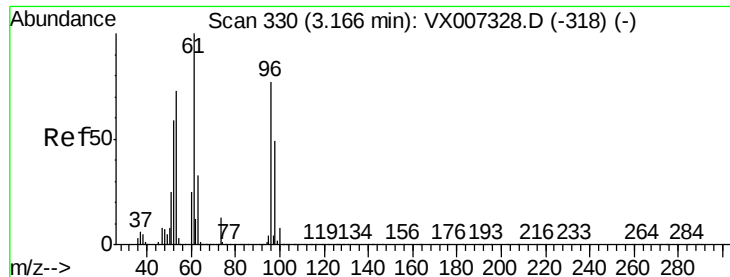


#20

Methylene Chloride
Concen: 46.653 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion: 84 Resp: 254985
Ion Ratio Lower Upper
84 100
49 120.4 94.8 142.2
51 34.3 29.8 44.8
86 64.0 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 44.232 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

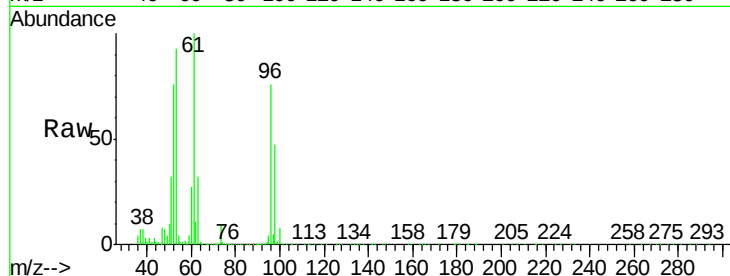
Tot Ion: 96 Resp: 247452

Ion Ratio Lower Upper

96 100

61 130.8 104.6 156.8

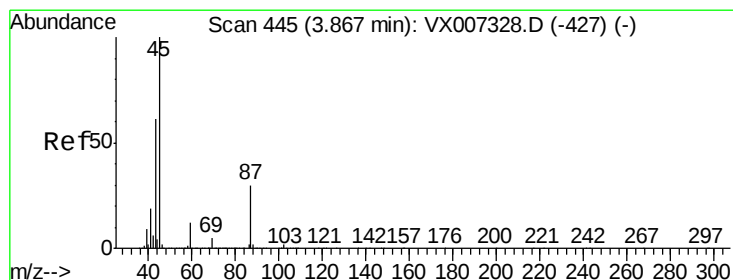
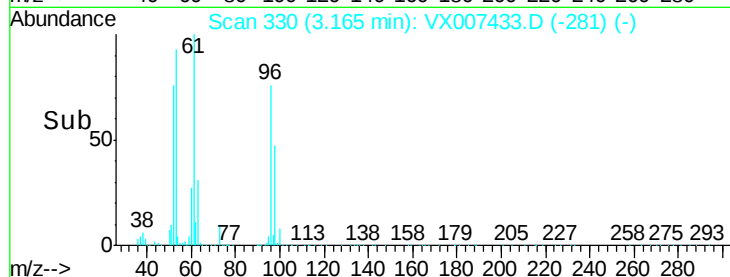
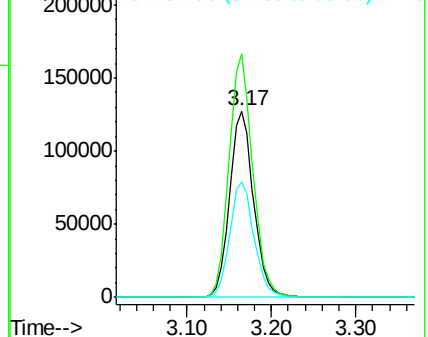
98 62.1 51.0 76.4



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: 48.117 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Tgt Ion: 45 Resp: 757368

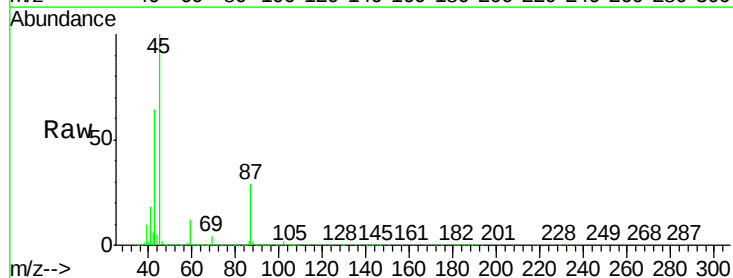
Ion Ratio Lower Upper

45 100

43 63.9 48.9 73.3

87 29.1 23.9 35.9

59 11.8 9.6 14.4

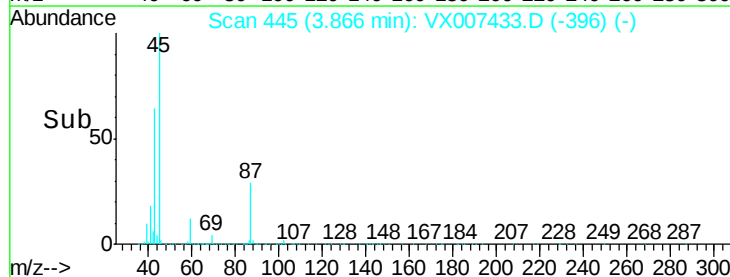
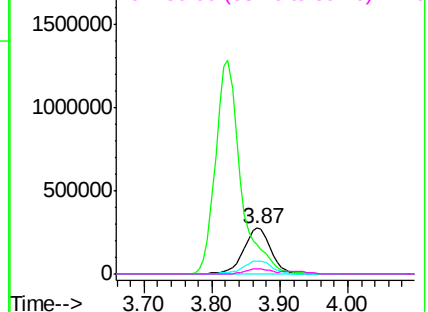


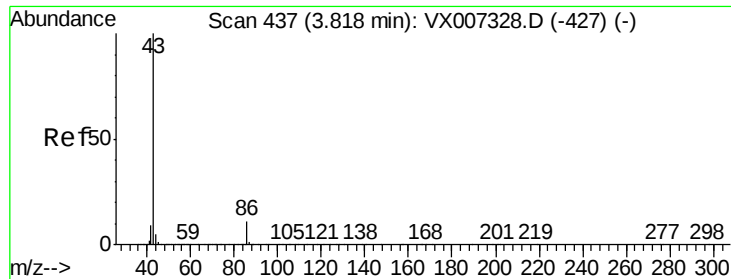
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 252.650 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

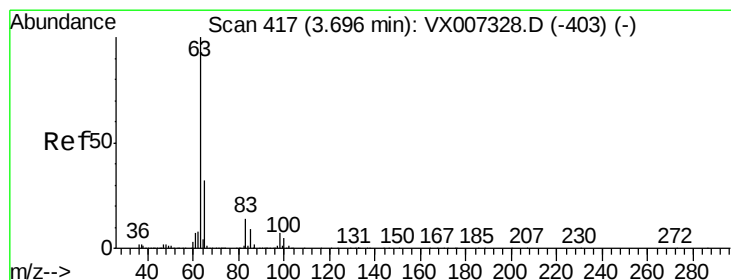
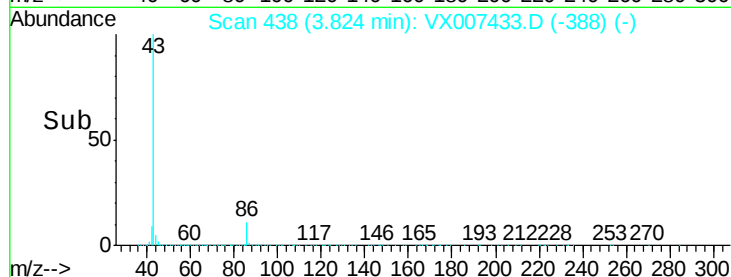
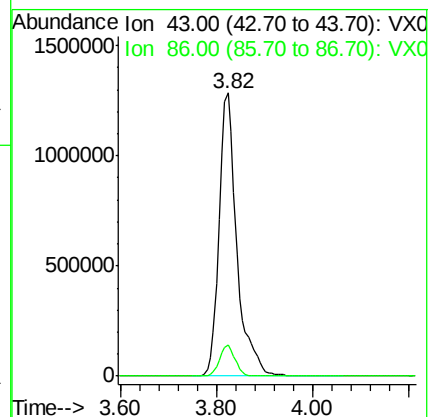
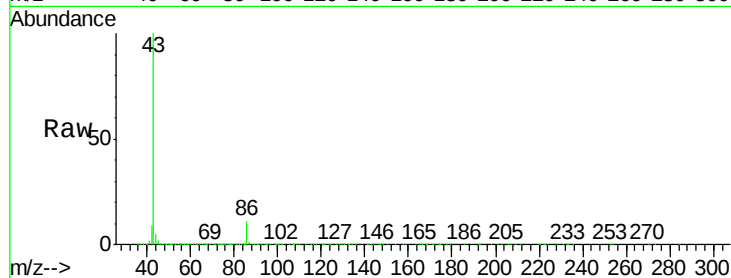
ClientSampled :

Tot Ion: 43 Resp: 3299993

Ion Ratio Lower Upper

43 100

86 10.9 8.7 13.1



#24

1,1-Dichloroethane

Concen: 48.308 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

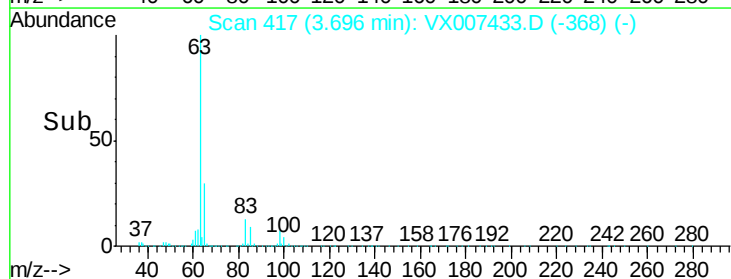
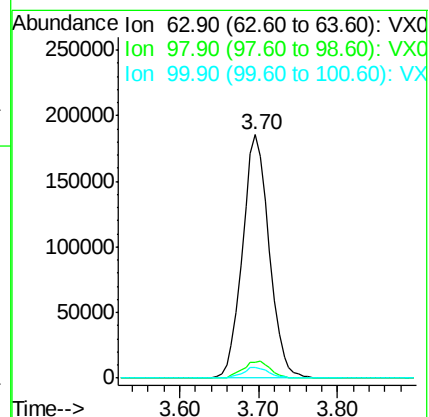
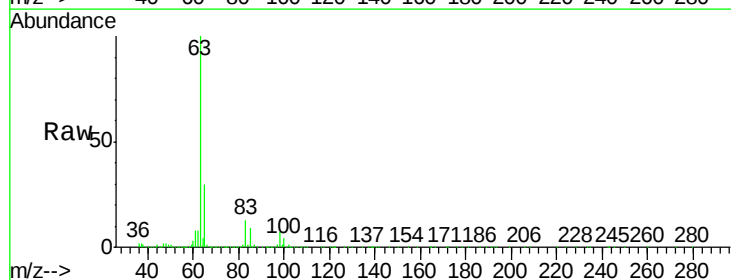
Tgt Ion: 63 Resp: 436668

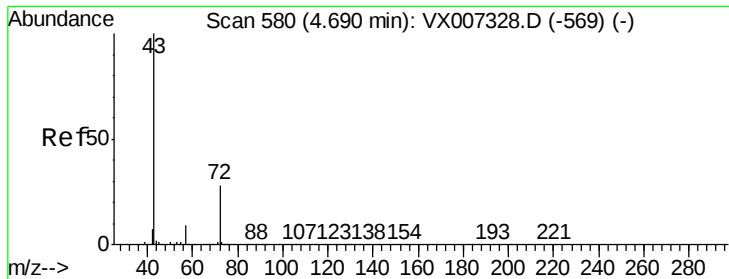
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.0 2.5 7.4





#25

2-Butanone

Concen: 229.713 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

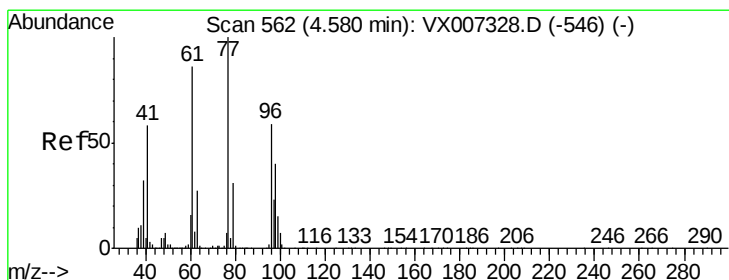
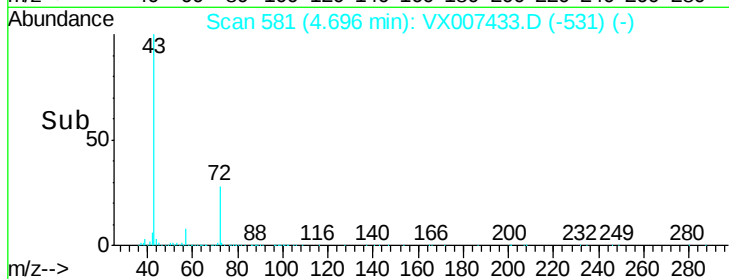
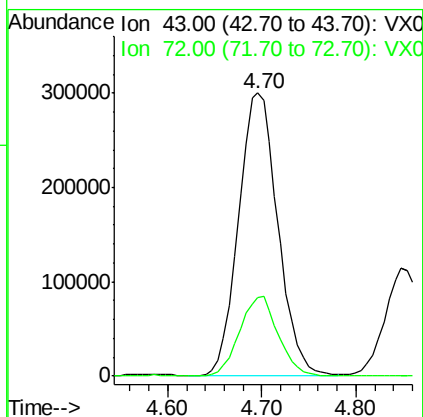
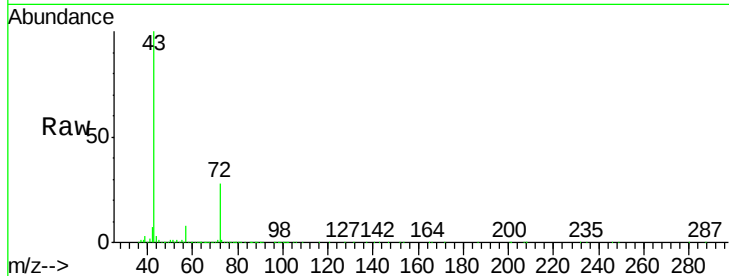
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 874259

Ion Ratio Lower Upper

43 100

72 27.5 22.2 33.2



#26

2,2-Dichloropropane

Concen: 47.784 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX007433.D

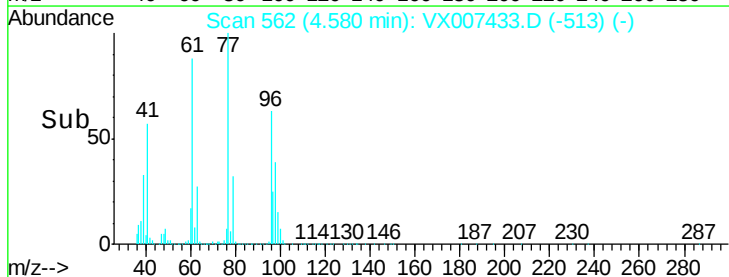
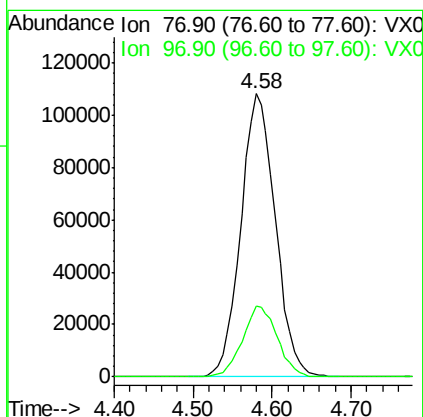
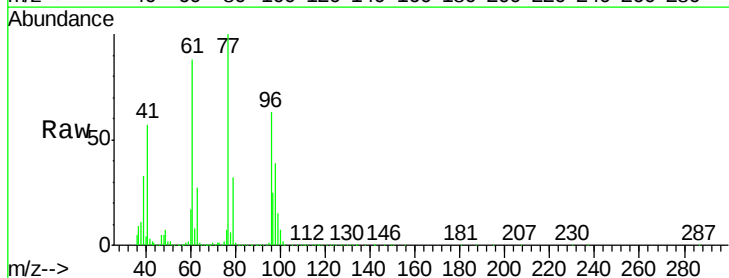
Acq: 08 Feb 2019 10:39

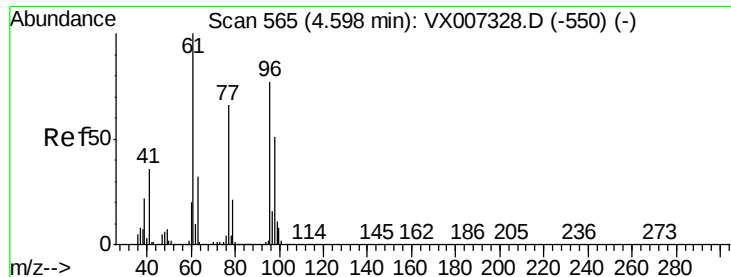
Tgt Ion: 77 Resp: 328935

Ion Ratio Lower Upper

77 100

97 25.3 12.1 36.3



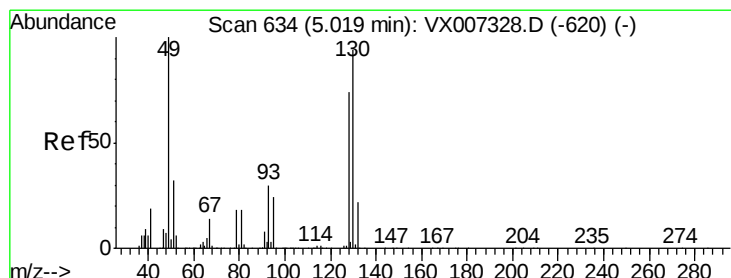
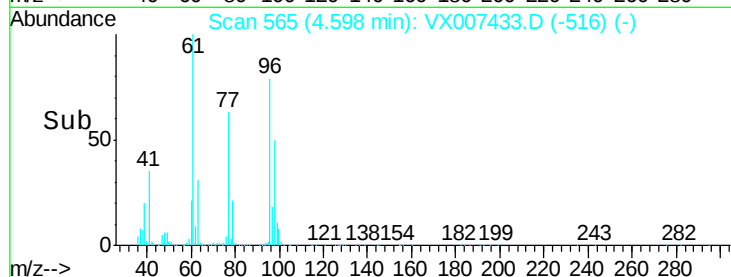
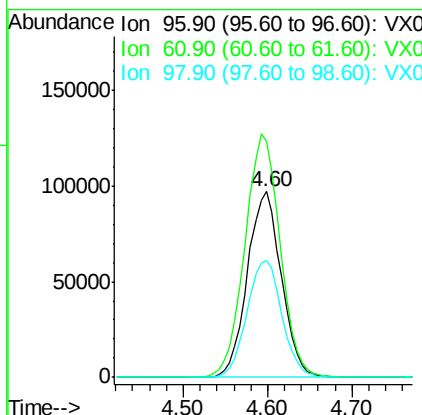
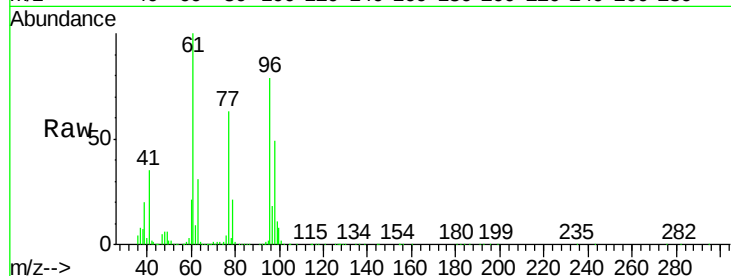


#27

cis-1,2-Dichloroethene
Concen: 43.464 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :

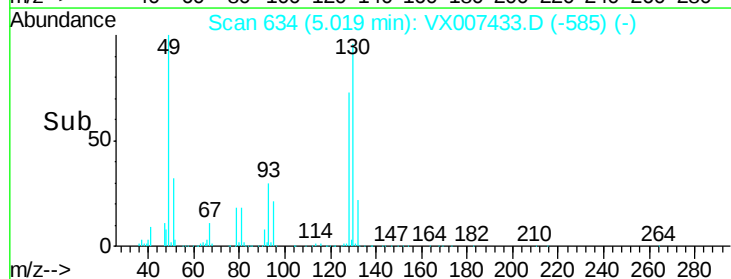
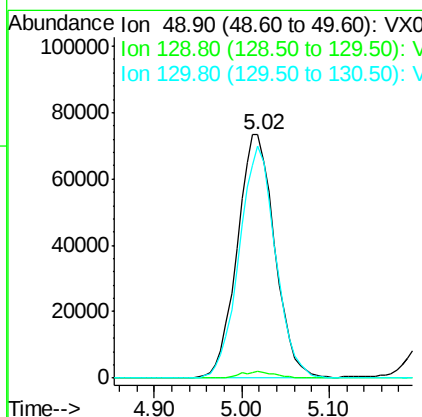
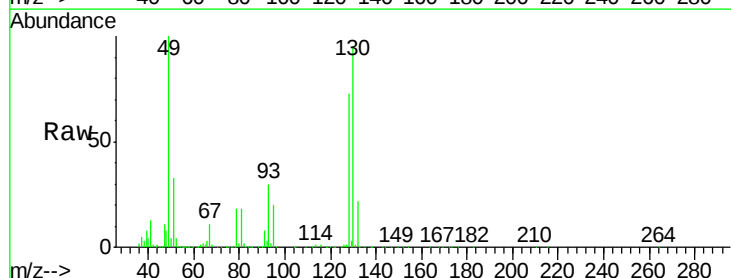
Tot Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	265.6
98	64.8	0.0	131.6



#28

Bromochloromethane
Concen: 52.389 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	92.6	75.6	113.4





#29

Tetrahydrofuran

Concen: 238.664 ug/l

RT: 5.15 min Scan# 655

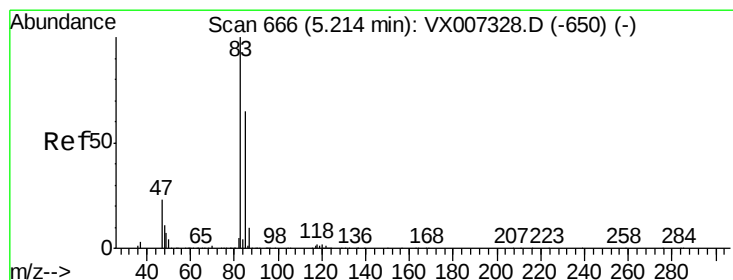
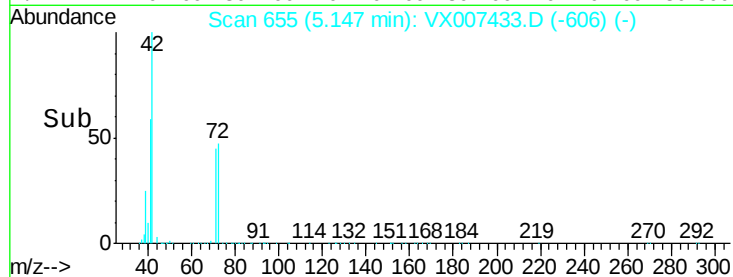
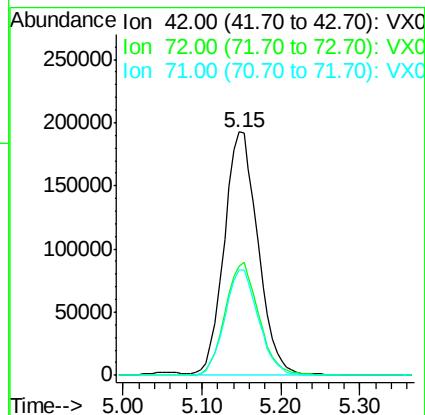
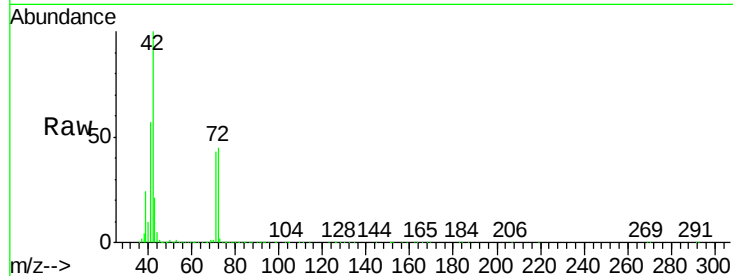
Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	42	Resp:	571276
Ion	Ratio	Lower	Upper
42	100		
72	46.7	37.6	56.4
71	43.6	34.6	51.8



#30

Chloroform

Concen: 45.750 ug/l

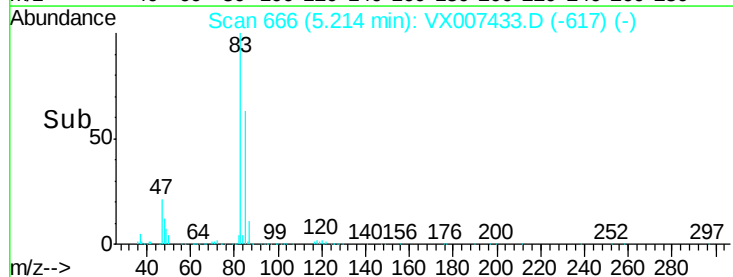
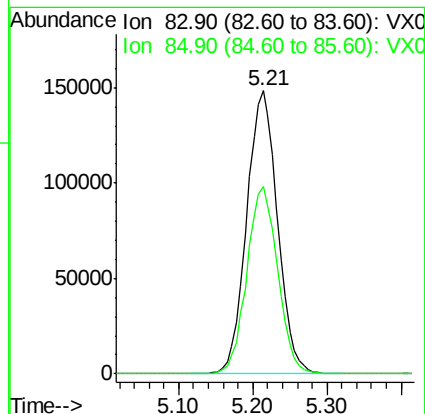
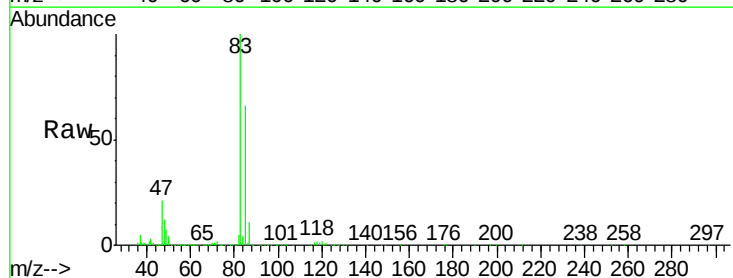
RT: 5.21 min Scan# 666

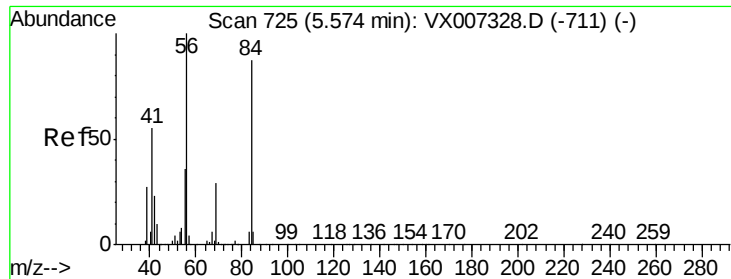
Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Tgt Ion:	83	Resp:	431523
Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.6	77.4





#31

Cyclohexane

Concen: 45.407 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

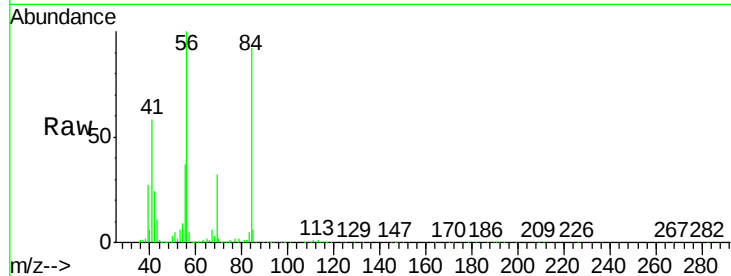
Tot Ion: 56 Resp: 368630

Ion Ratio Lower Upper

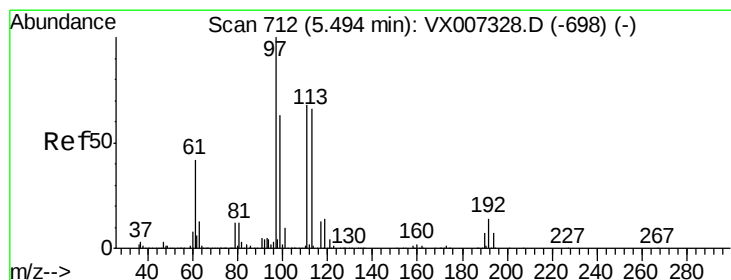
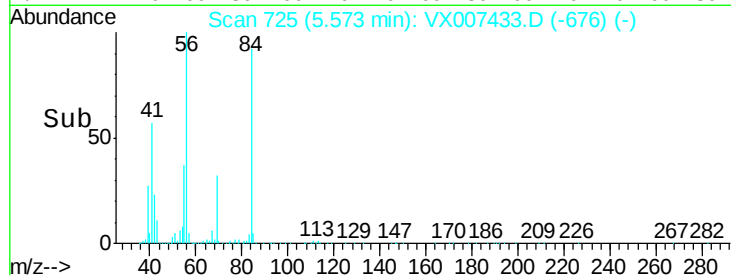
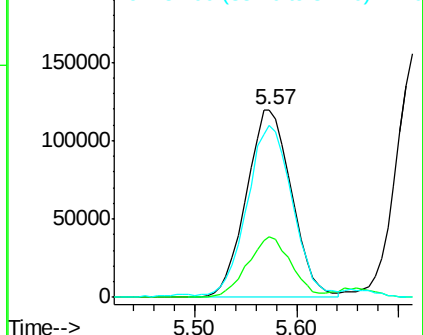
56 100

69 32.3 23.0 34.6

84 90.1 69.8 104.6



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



#32

1,1,1-Trichloroethane

Concen: 47.372 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

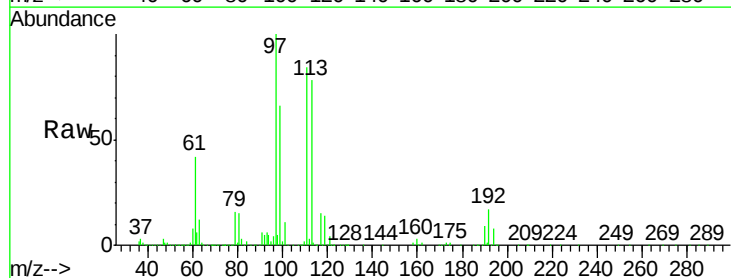
Tgt Ion: 97 Resp: 377163

Ion Ratio Lower Upper

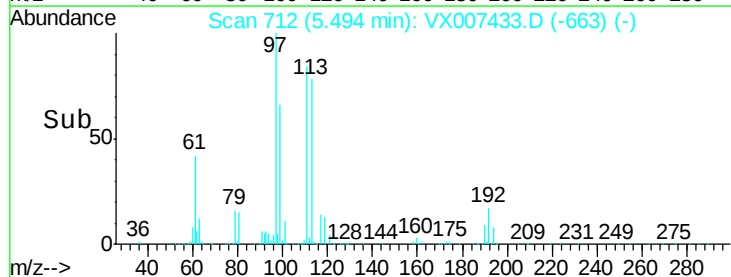
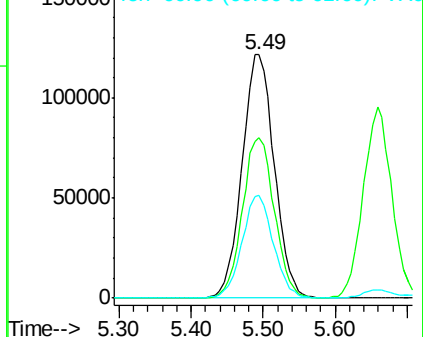
97 100

99 65.5 52.2 78.2

61 41.0 32.7 49.1



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





#33

1,2-Dichloroethane-d4

Concen: 53.831 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

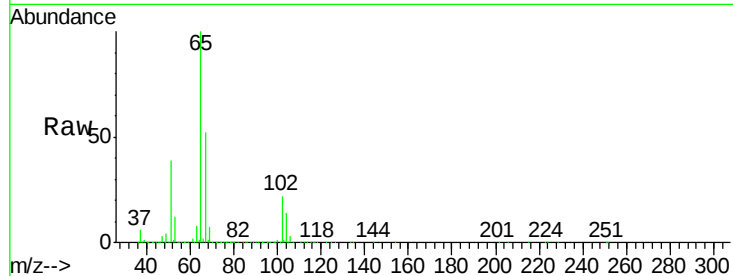
ClientSampled :

Tot Ion: 65 Resp: 314277

Ion Ratio Lower Upper

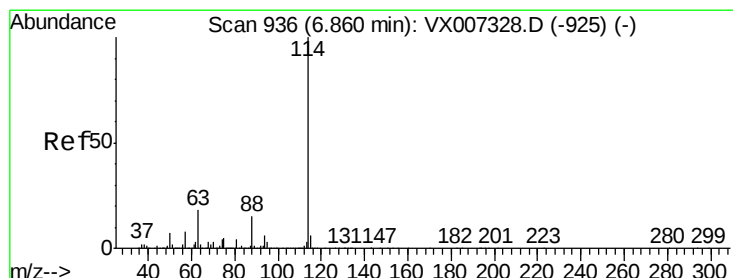
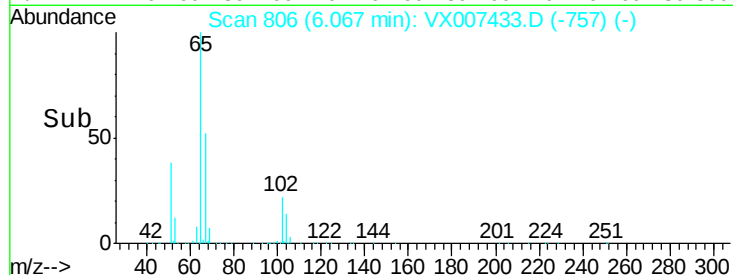
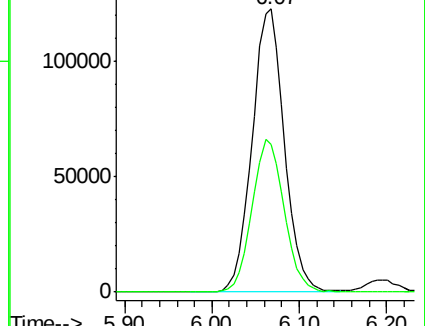
65 100

67 53.8 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: VX007433.D

Acq: 08 Feb 2019 10:39

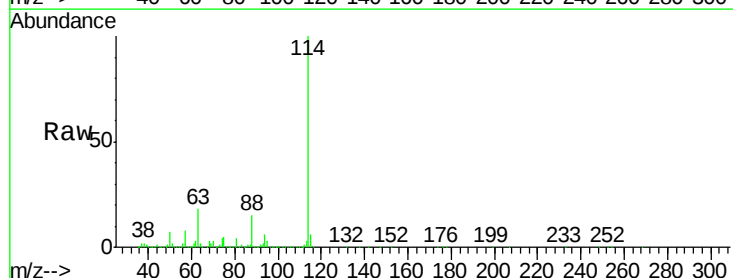
Tgt Ion: 114 Resp: 774945

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

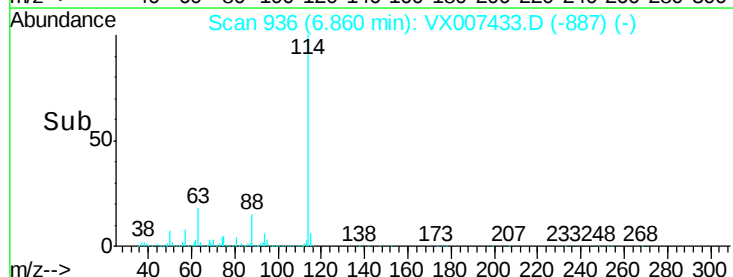
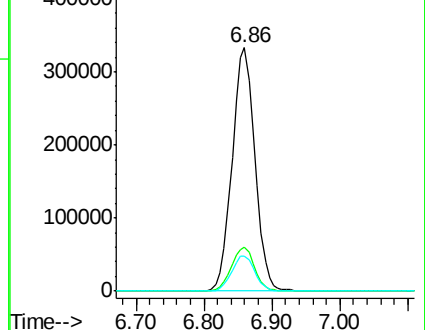
88 14.5 0.0 29.6



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

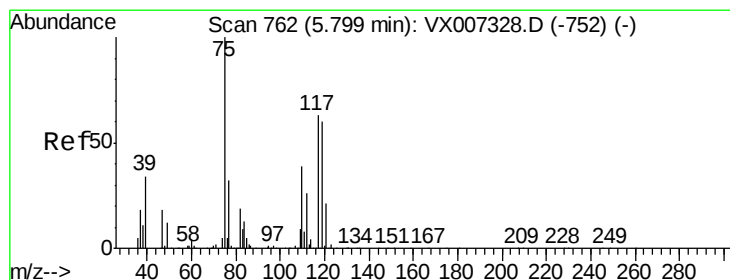
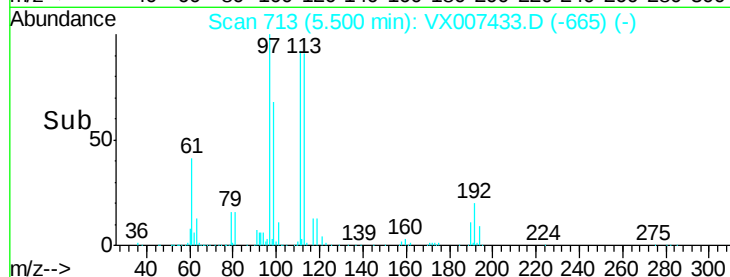
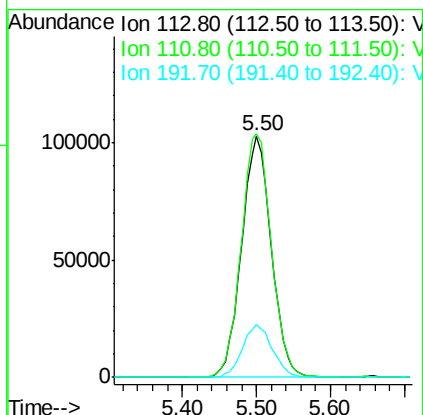
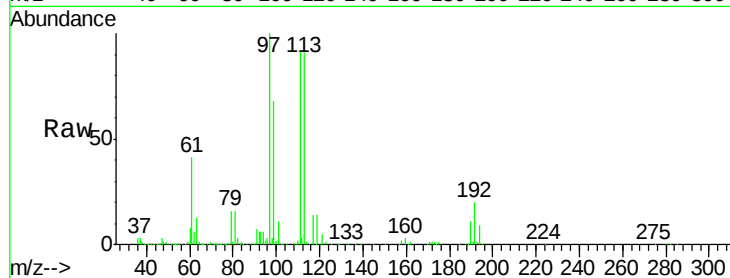




#35
Dibromofluoromethane
Concen: 56.979 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

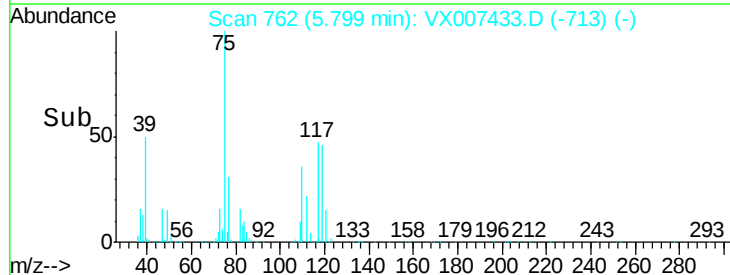
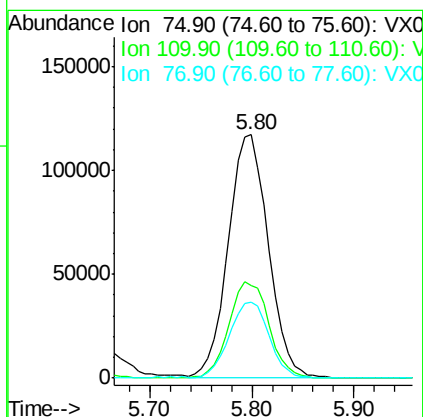
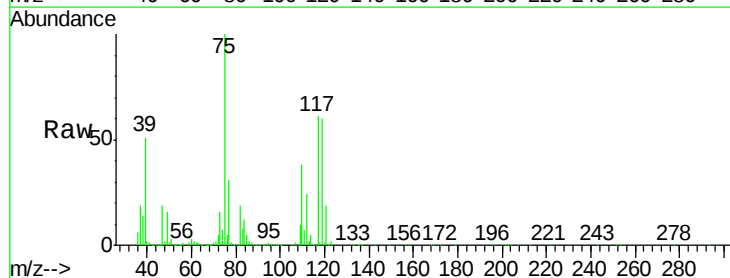
Instrument :
MSVOA_X
ClientSampleId :

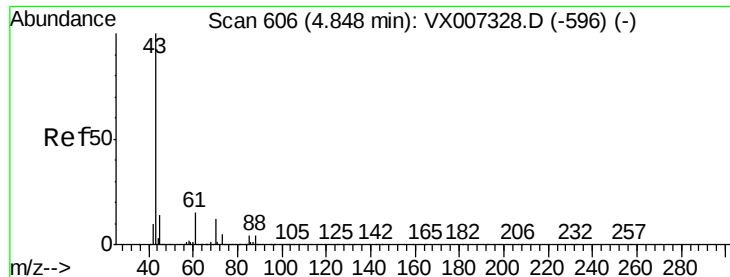
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.8
192	22.1	18.5	27.7



#36
1,1-Dichloropropene
Concen: 45.804 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.8	20.0	59.9
77	31.1	24.7	37.1

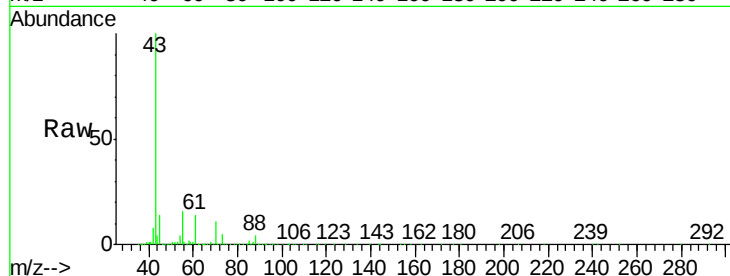




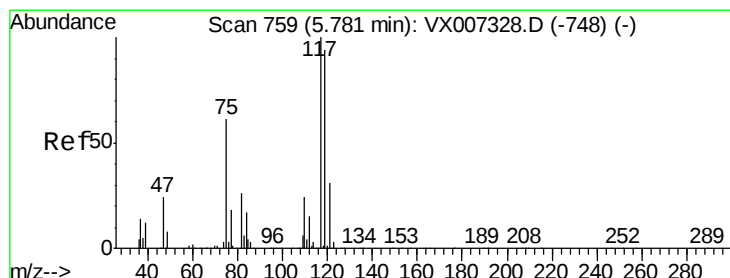
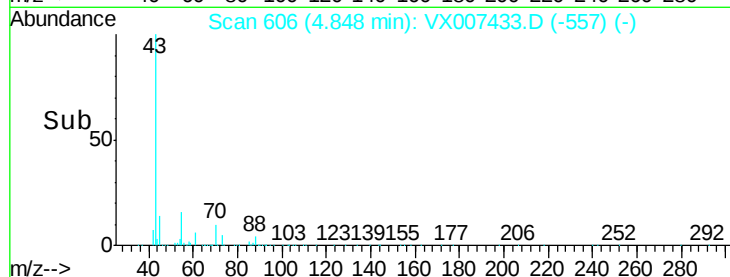
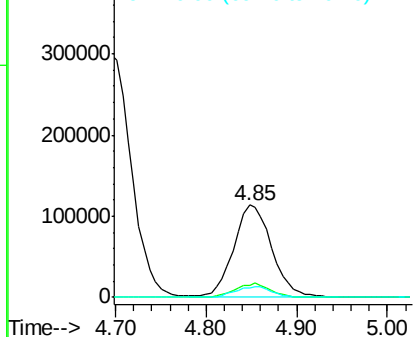
#37
Ethyl Acetate
Concen: 46.862 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	11.3	8.6	13.0

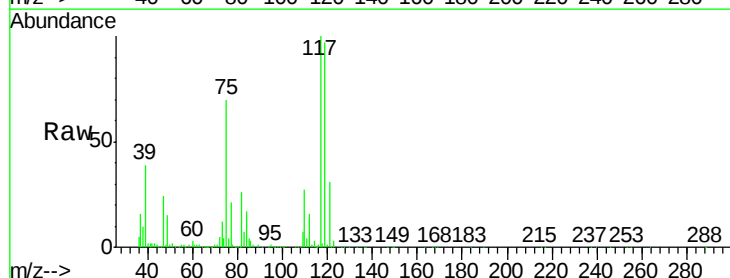


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

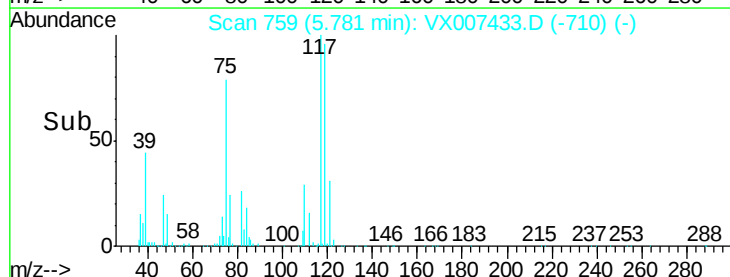
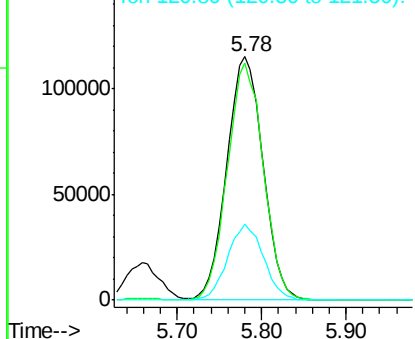


#38
Carbon Tetrachloride
Concen: 49.918 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.3	112.9
121	31.1	25.0	37.4



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

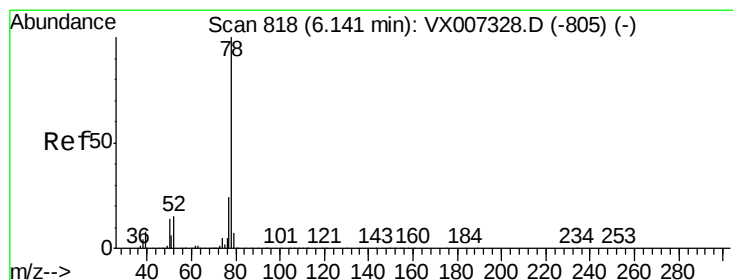
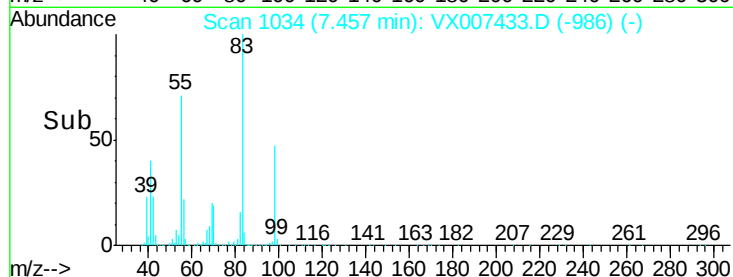
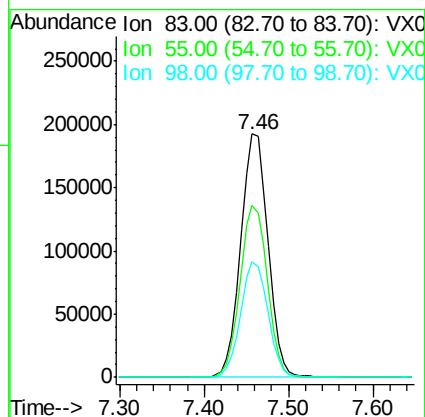
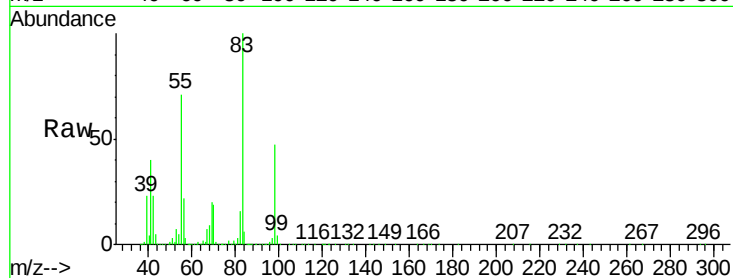




#39
Methvlcvclohexane
Concen: 49.520 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

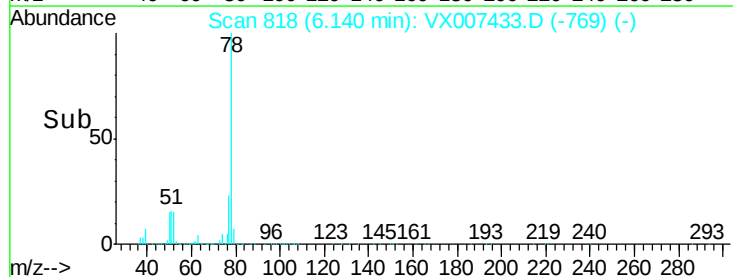
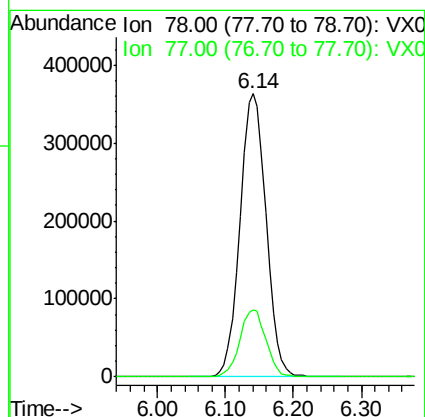
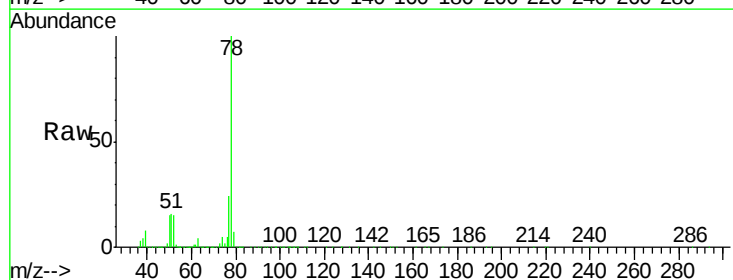
Instrument :
MSVOA_X
ClientSampleId :

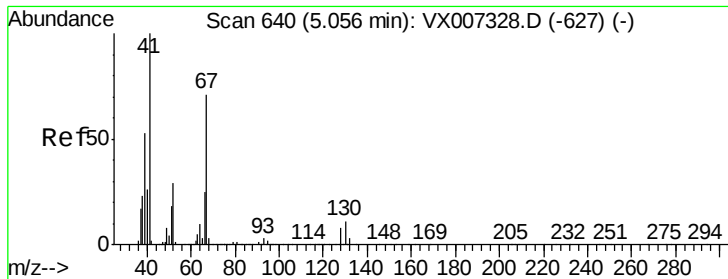
Tot Ion: 83 Resp: 416586
Ion Ratio Lower Upper
83 100
55 70.6 56.2 84.2
98 47.3 36.8 55.2



#40
Benzene
Concen: 47.161 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion: 78 Resp: 965950
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9

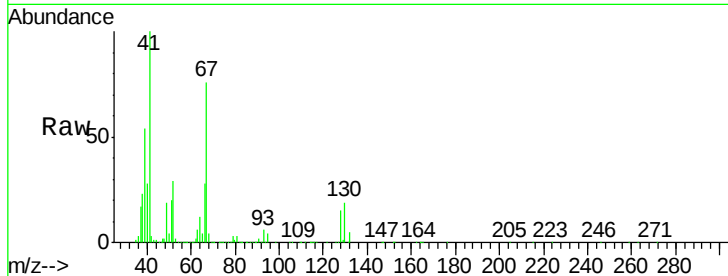




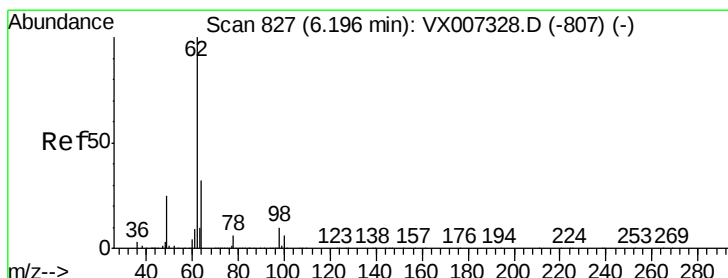
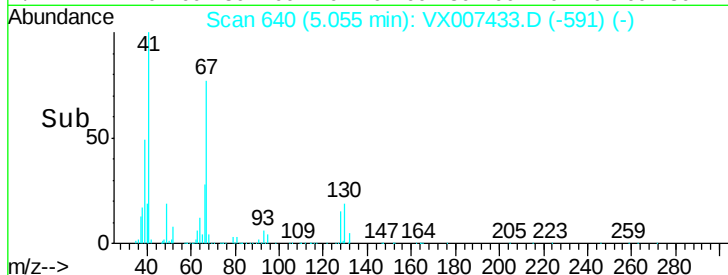
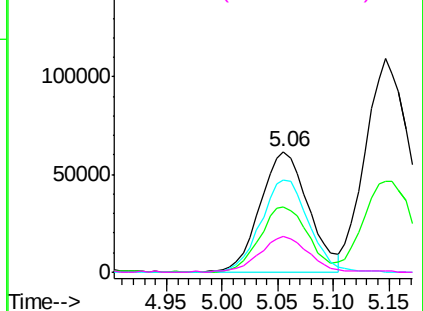
#41
Methacrylonitrile
Concen: 49.227 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	185439
Ion	Ratio	Lower	Upper
41	100		
39	53.2	44.5	66.7
67	76.5	60.4	90.6
52	29.2	24.1	36.1

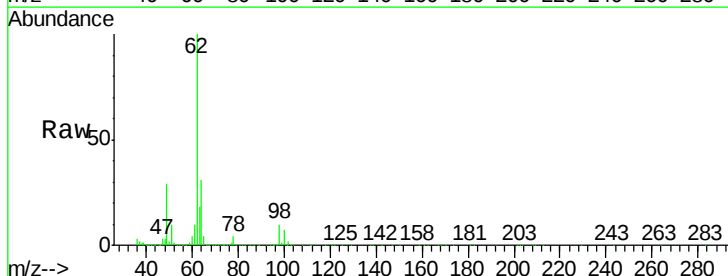


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

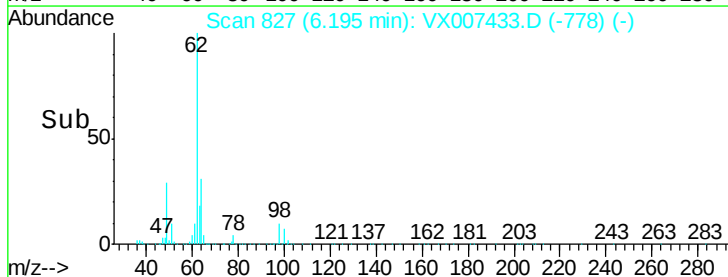
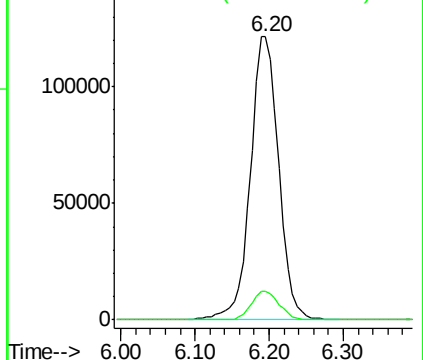


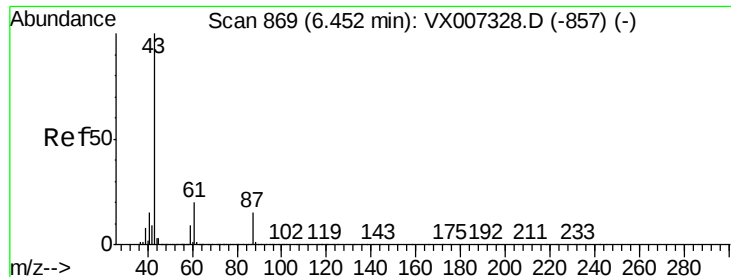
#42
1,2-Dichloroethane
Concen: 45.445 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion:	62	Resp:	322047
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



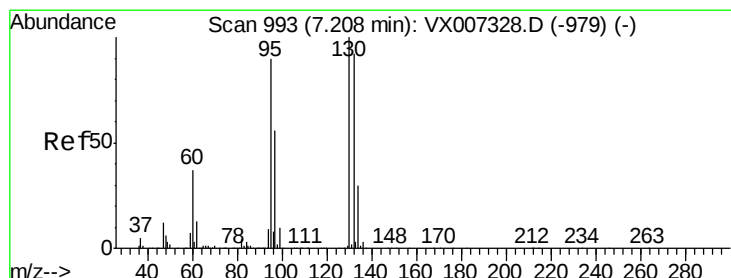
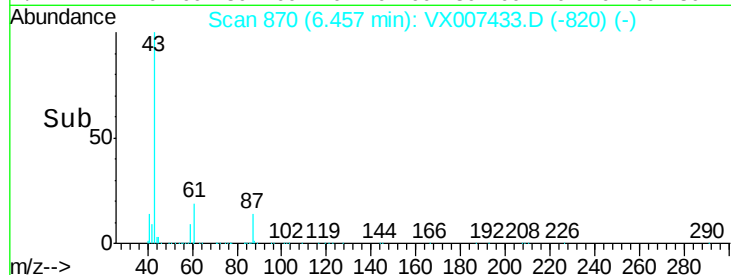
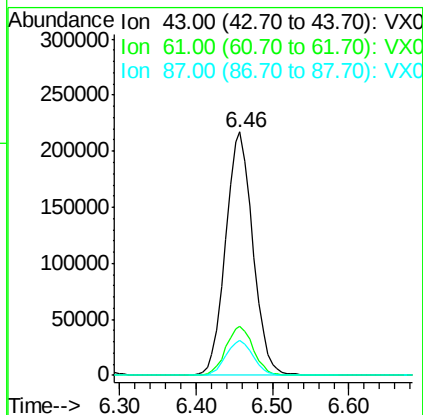
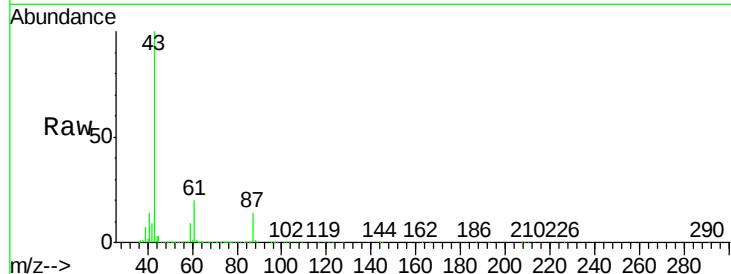


#43

Isopropyl Acetate
 Concen: 48.931 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007433.D
 Acq: 08 Feb 2019 10:39

Instrument :
 MSVOA_X
 ClientSampleId :

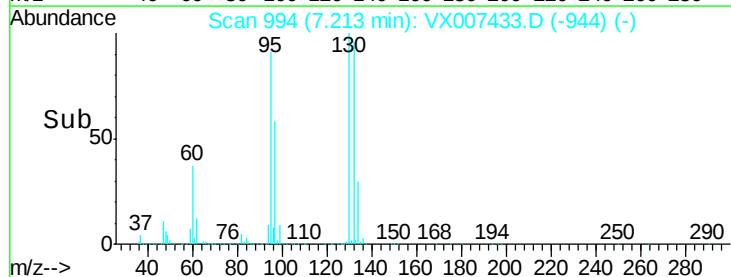
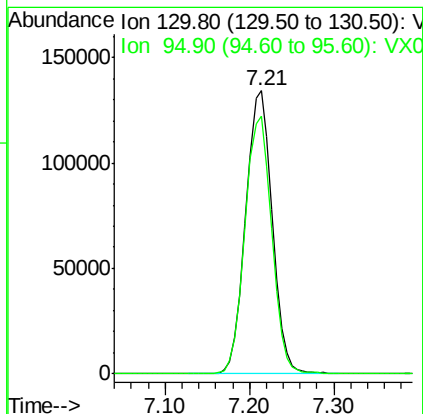
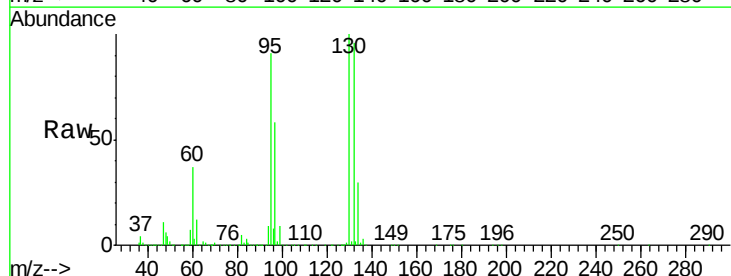
Tot Ion: 43 Resp: 530854
 Ion Ratio Lower Upper
 43 100
 61 20.5 16.1 24.1
 87 14.5 11.5 17.3

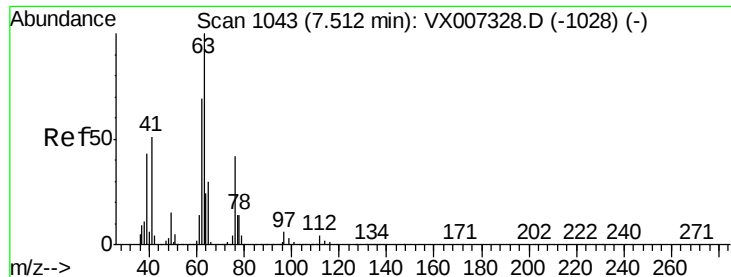


#44

Trichloroethene
 Concen: 46.223 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007433.D
 Acq: 08 Feb 2019 10:39

Tgt Ion: 130 Resp: 285132
 Ion Ratio Lower Upper
 130 100
 95 91.1 0.0 180.0





#45

1,2-Dichloropropane

Concen: 47.323 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

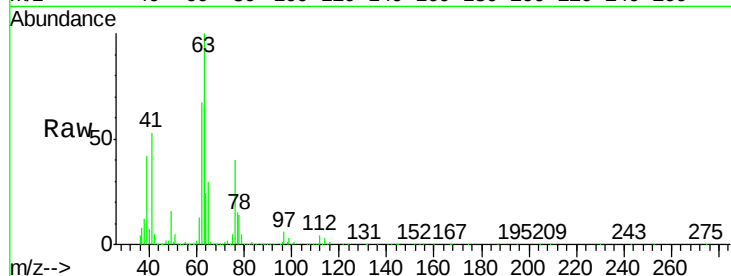
ClientSampleId :

Tot Ion: 63 Resp: 242852

Ion Ratio Lower Upper

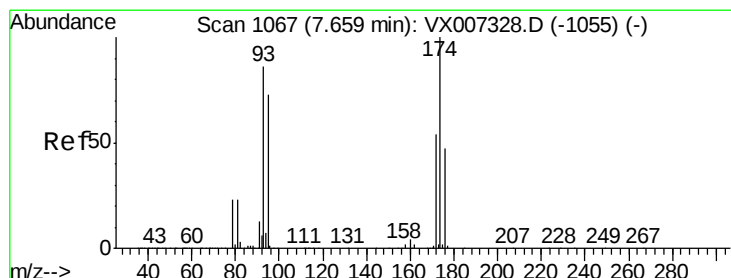
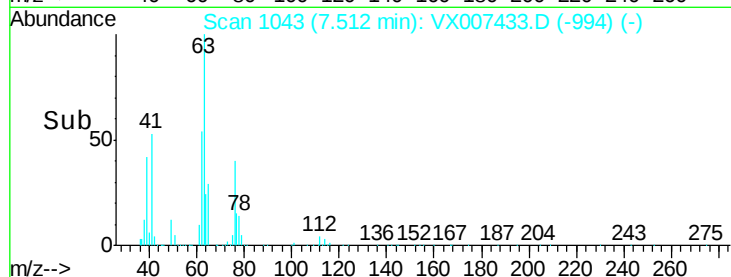
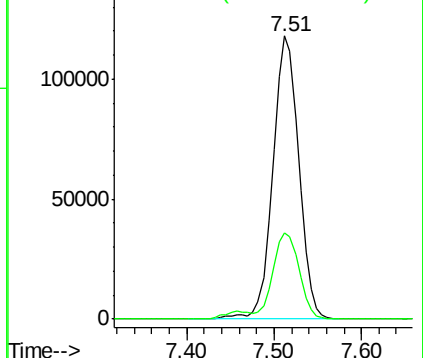
63 100

65 30.2 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: 46.900 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

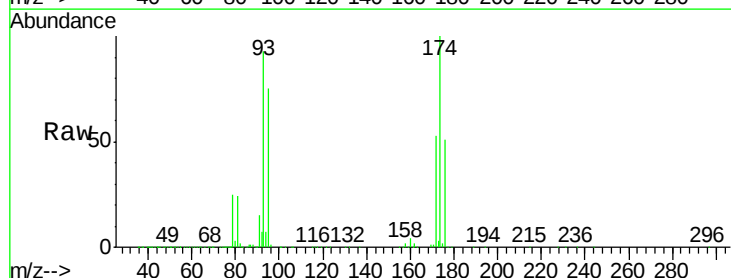
Tgt Ion: 93 Resp: 174927

Ion Ratio Lower Upper

93 100

95 81.6 67.6 101.4

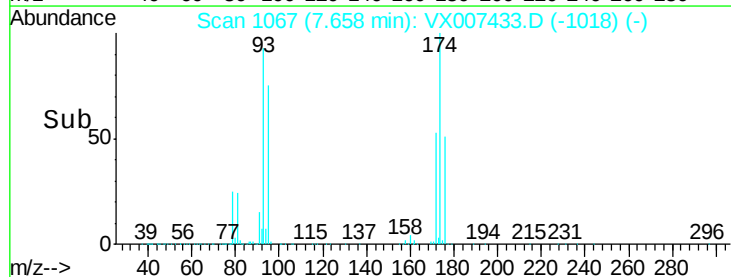
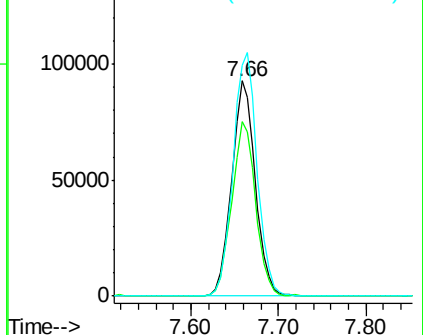
174 115.1 94.2 141.4

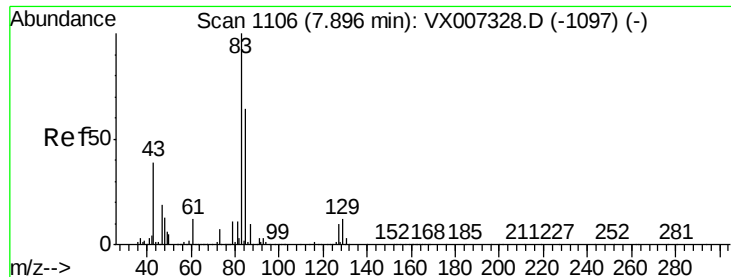


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.505 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :

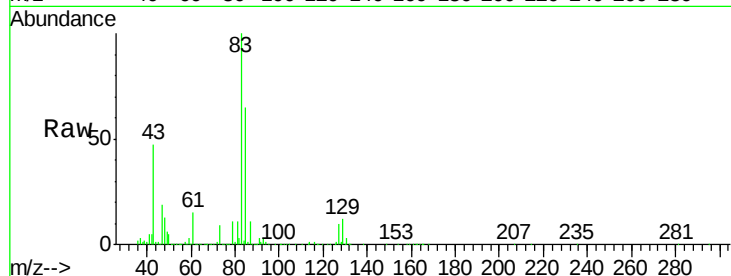
Tot Ion: 83 Resp: 312928

Ion Ratio Lower Upper

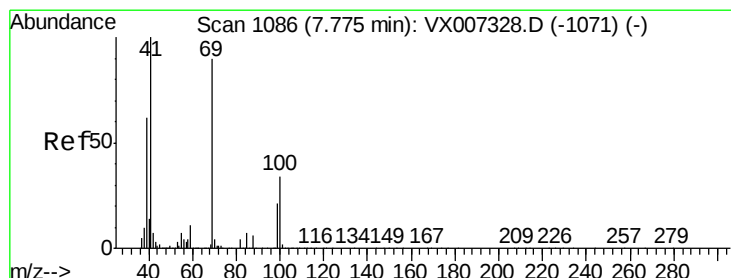
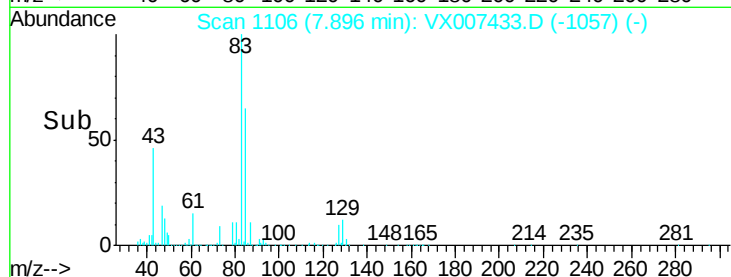
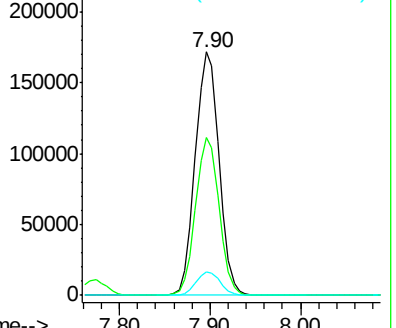
83 100

85 65.0 51.4 77.0

127 9.7 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: 50.049 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

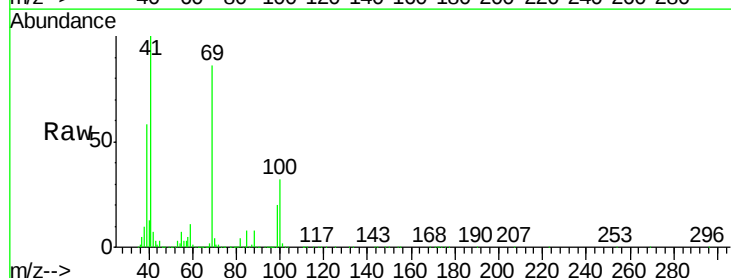
Tgt Ion: 41 Resp: 271597

Ion Ratio Lower Upper

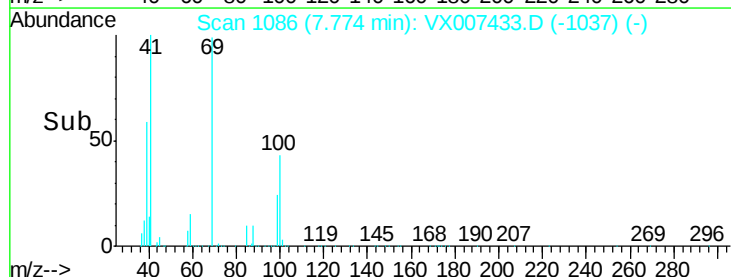
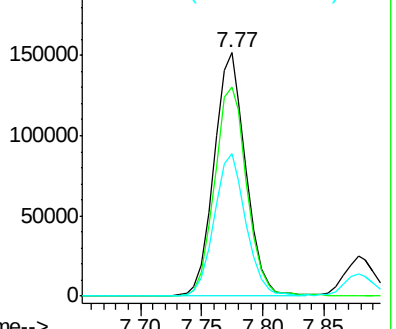
41 100

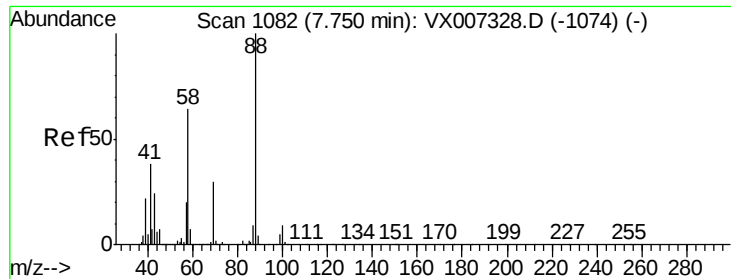
69 88.4 70.2 105.4

39 58.9 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: 963.240 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

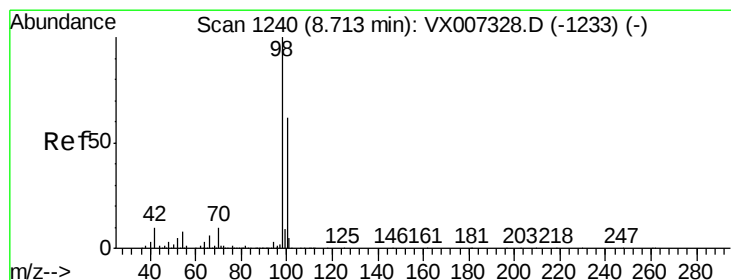
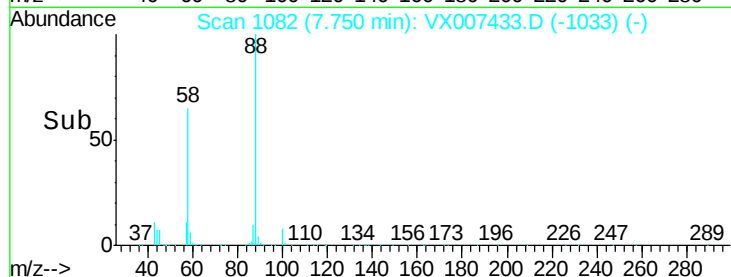
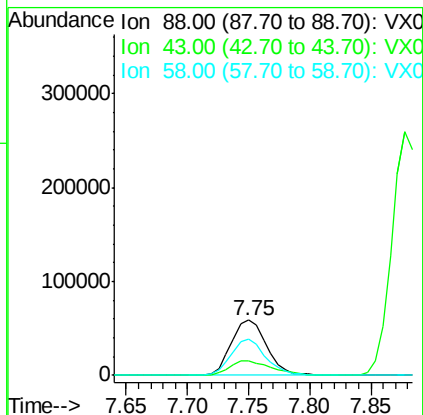
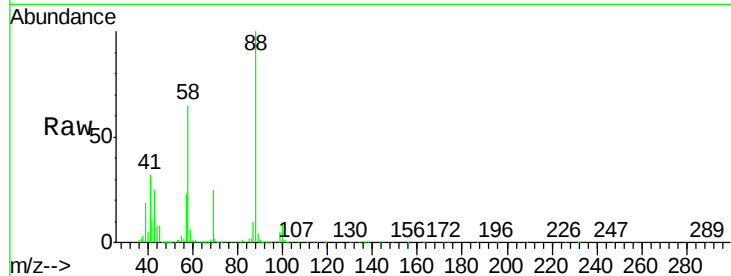
Tot Ion: 88 Resp: 118843

Ion Ratio Lower Upper

88 100

43 29.5 24.2 36.4

58 64.0 53.0 79.4



#50

Toluene-d8

Concen: 57.109 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007433.D

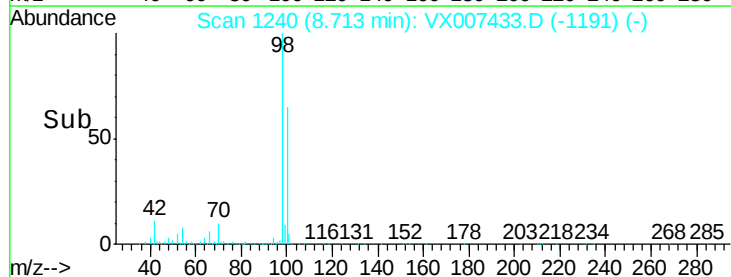
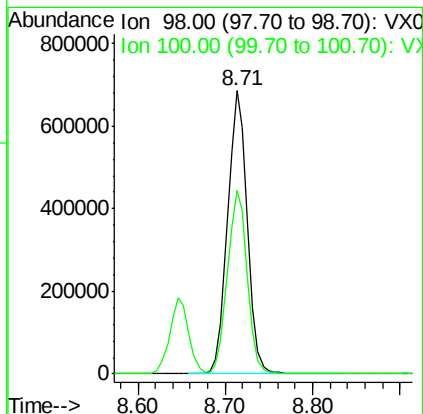
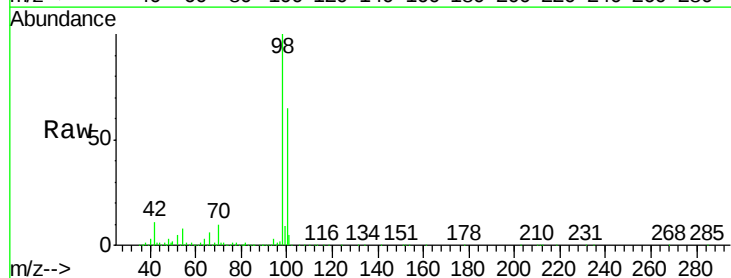
Acq: 08 Feb 2019 10:39

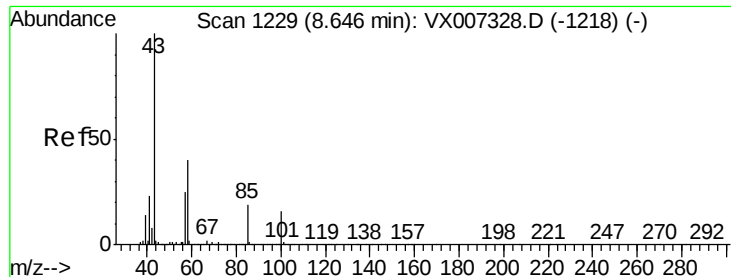
Tgt Ion: 98 Resp: 1068378

Ion Ratio Lower Upper

98 100

100 65.3 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 240.099 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

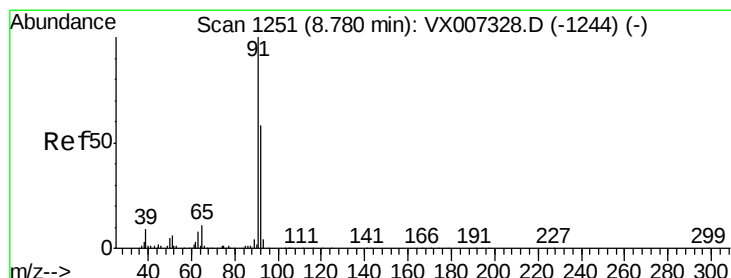
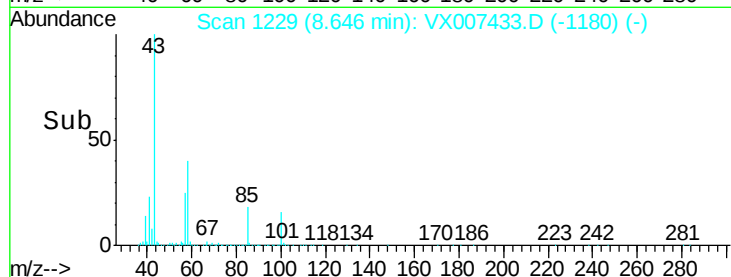
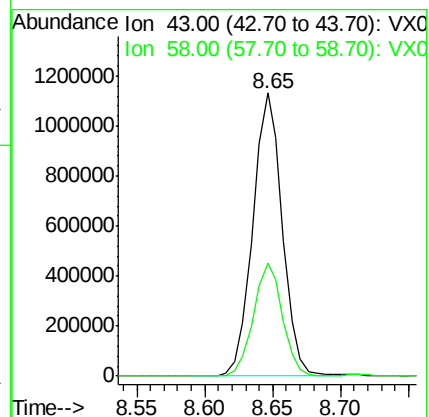
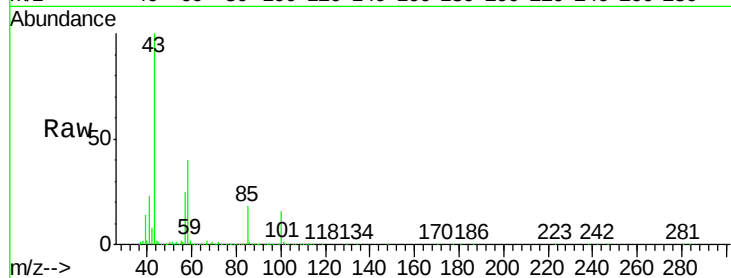
ClientSampled :

Tot Ion: 43 Resp: 1714766

Ion Ratio Lower Upper

43 100

58 39.4 31.2 46.8



#52

Toluene

Concen: 47.581 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX007433.D

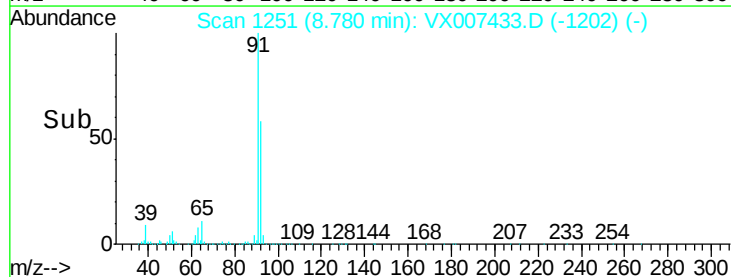
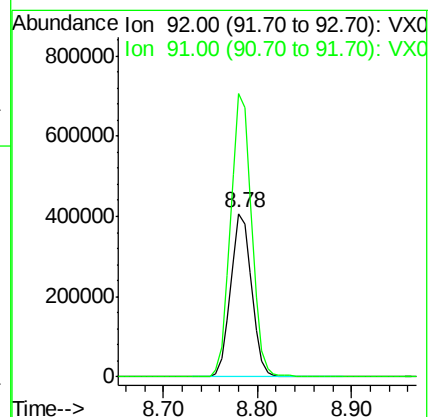
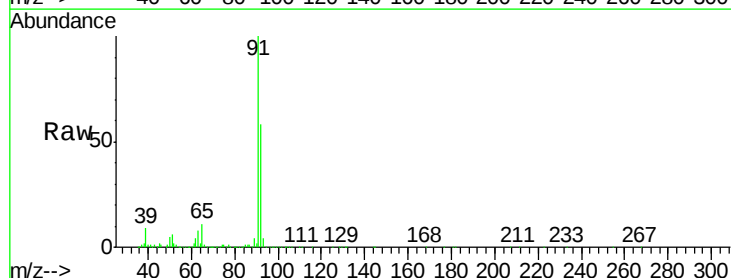
Acq: 08 Feb 2019 10:39

Tgt Ion: 92 Resp: 628767

Ion Ratio Lower Upper

92 100

91 174.2 139.1 208.7

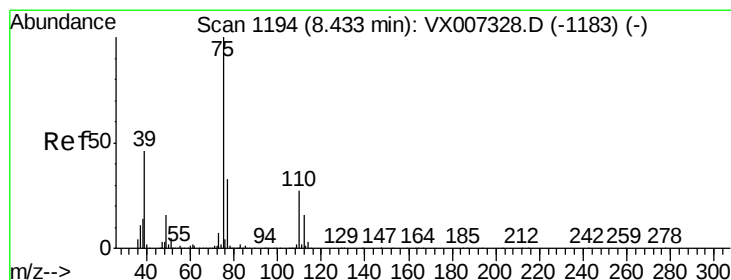
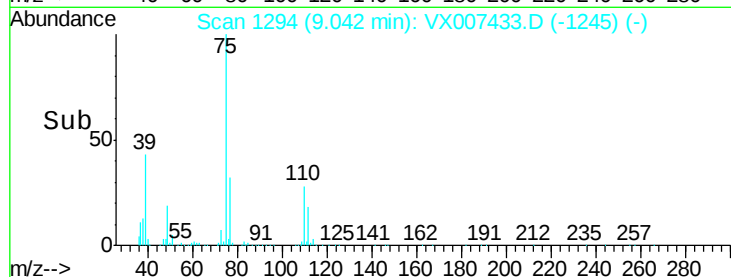
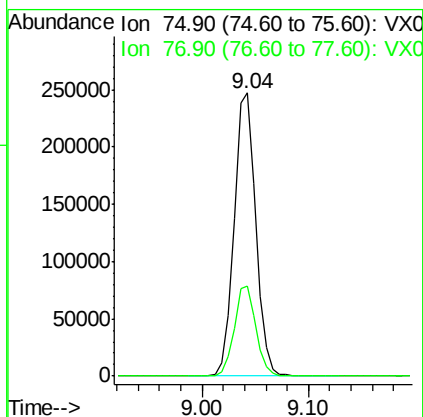
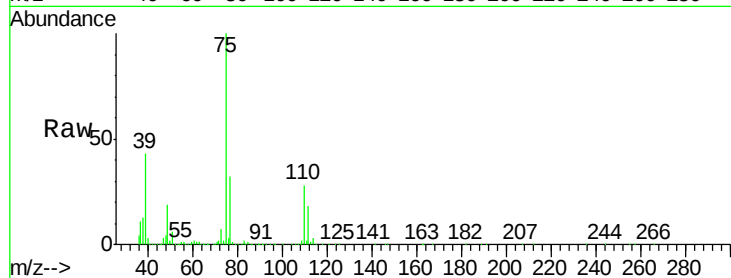




#53
 t-1,3-Dichloropropene
 Concen: 51.947 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX007433.D
 Acq: 08 Feb 2019 10:39

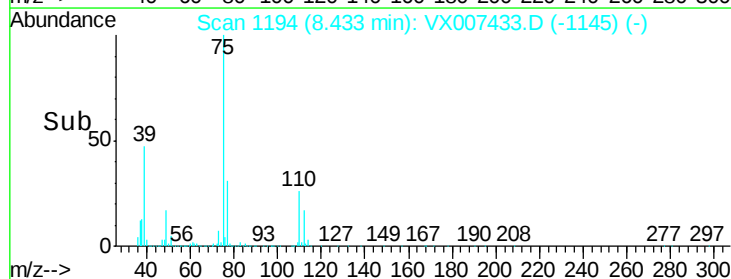
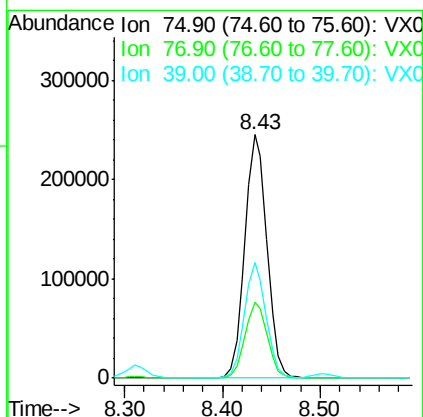
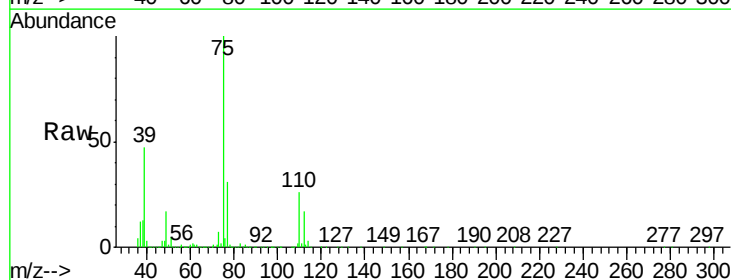
Instrument :
 MSVOA_X
 ClientSampled :

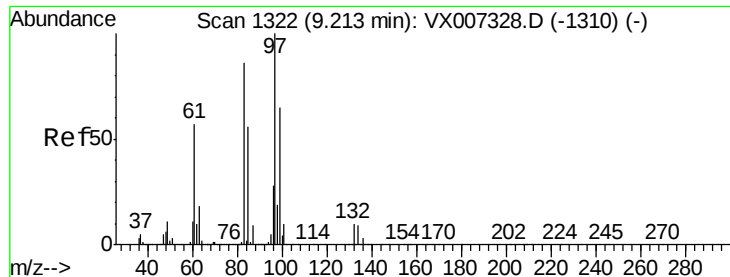
Tot Ion: 75 Resp: 352714
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.573 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX007433.D
 Acq: 08 Feb 2019 10:39

Tgt Ion: 75 Resp: 385088
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.2 39.4
 39 47.2 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 46.838 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 258001

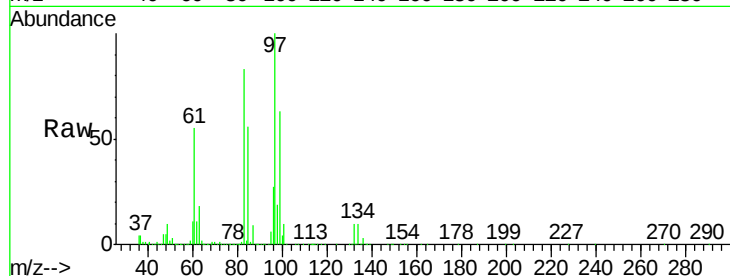
Ion Ratio Lower Upper

97 100

83 83.2 68.6 102.8

85 55.5 44.5 66.7

99 62.9 52.2 78.4

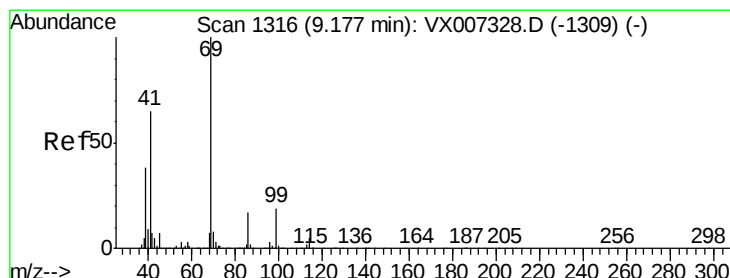
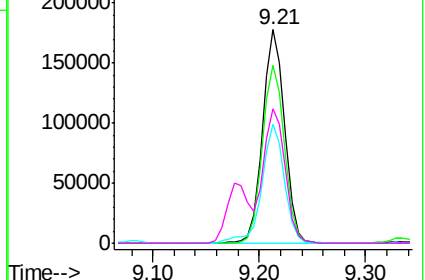
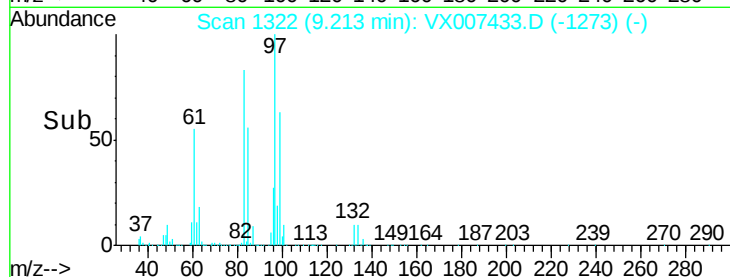


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 48.142 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

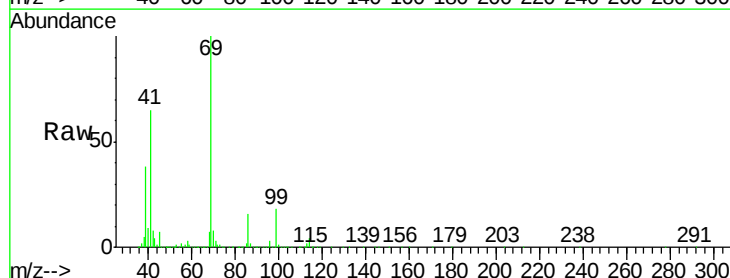
Tgt Ion: 69 Resp: 367283

Ion Ratio Lower Upper

69 100

41 65.1 52.1 78.1

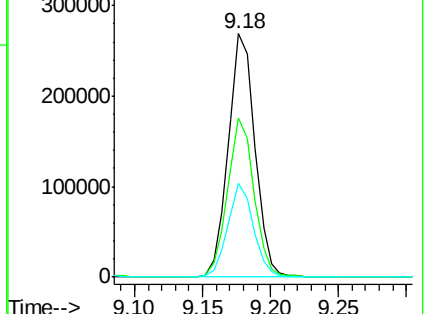
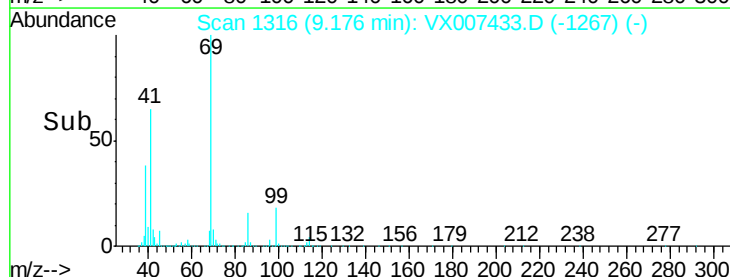
39 37.2 30.1 45.1



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 47.184 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

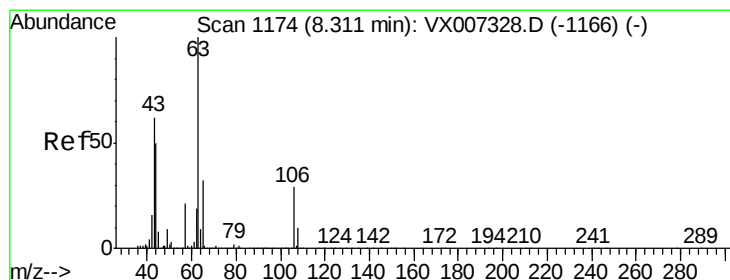
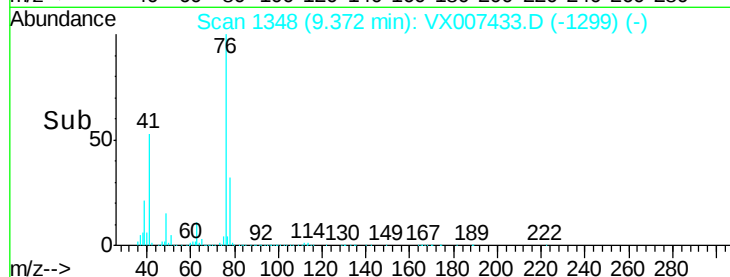
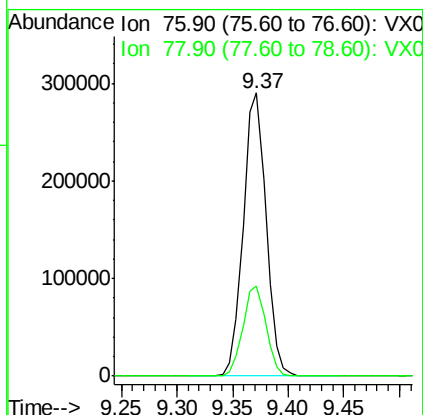
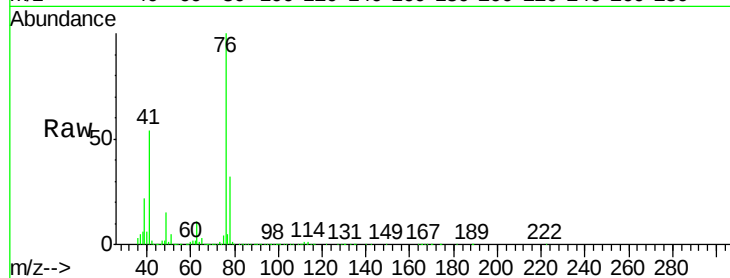
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 413330

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 229.066 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007433.D

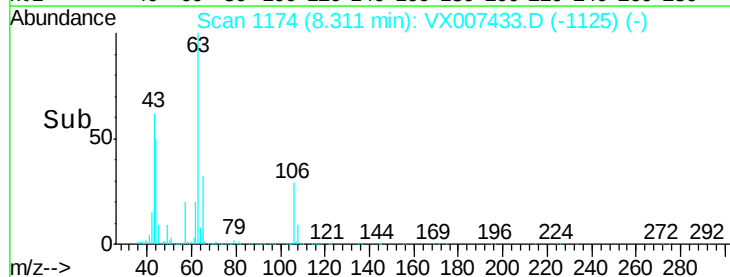
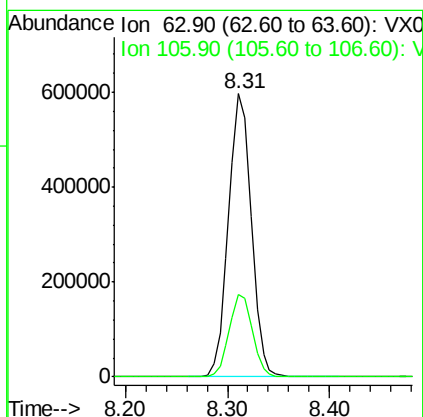
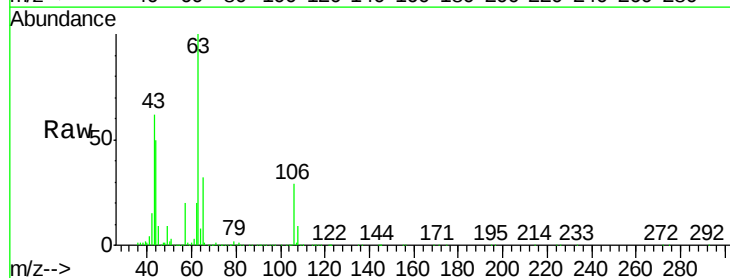
Acq: 08 Feb 2019 10:39

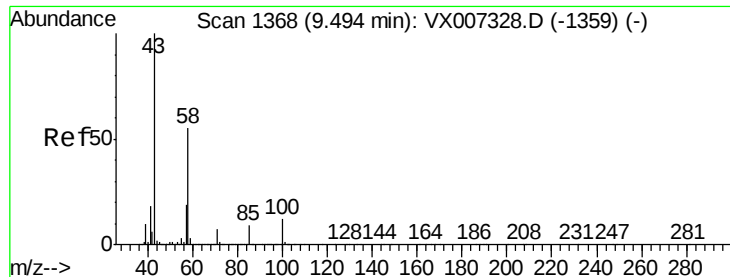
Tgt Ion: 63 Resp: 921126

Ion Ratio Lower Upper

63 100

106 29.6 23.6 35.4





#59

2-Hexanone

Concen: 237.323 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

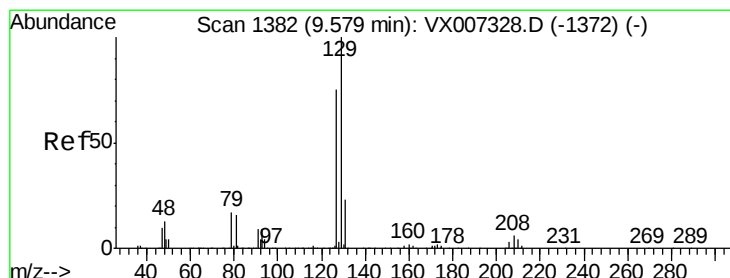
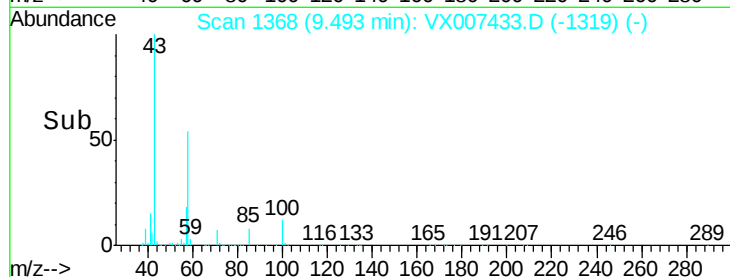
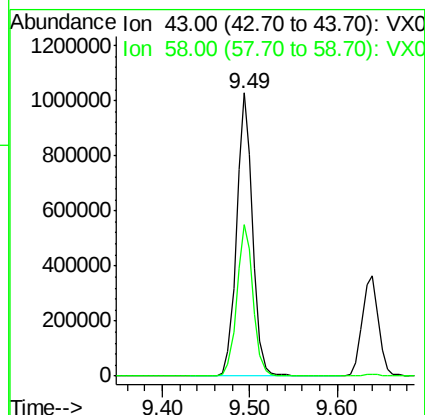
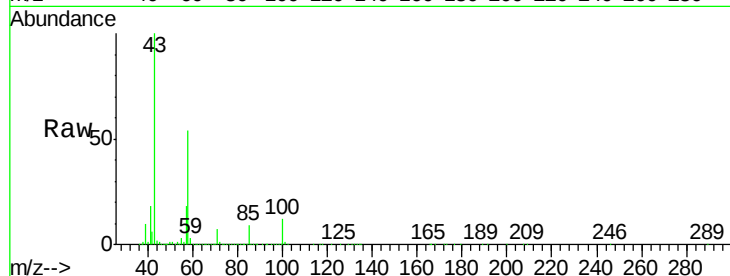
ClientSampleId :

Tot Ion: 43 Resp: 1318944

Ion Ratio Lower Upper

43 100

58 54.3 27.1 81.3



#60

Dibromochloromethane

Concen: 52.734 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX007433.D

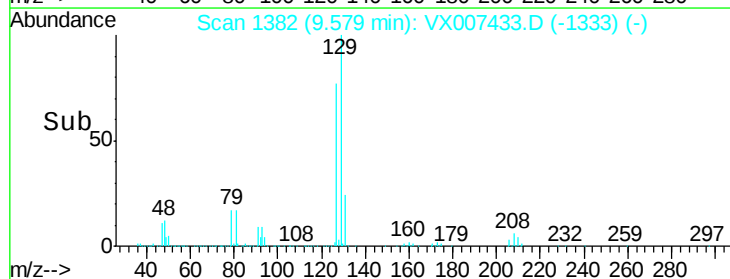
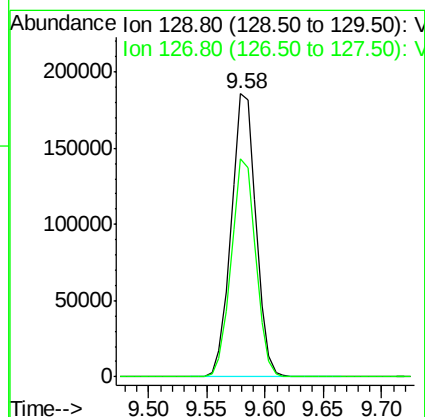
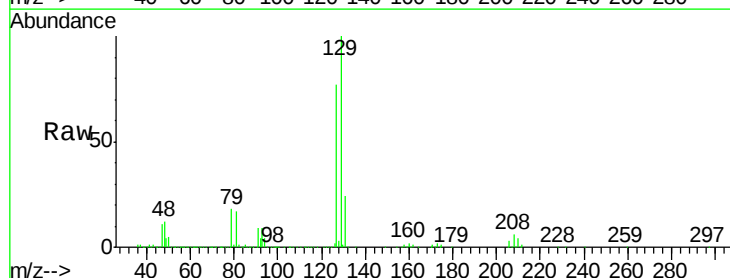
Acq: 08 Feb 2019 10:39

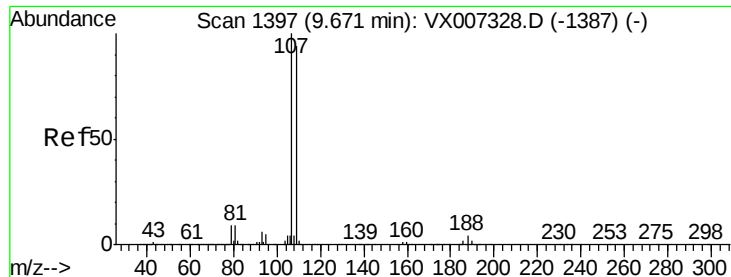
Tgt Ion: 129 Resp: 274727

Ion Ratio Lower Upper

129 100

127 76.3 37.8 113.4





#61

1,2-Dibromoethane

Concen: 48.637 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

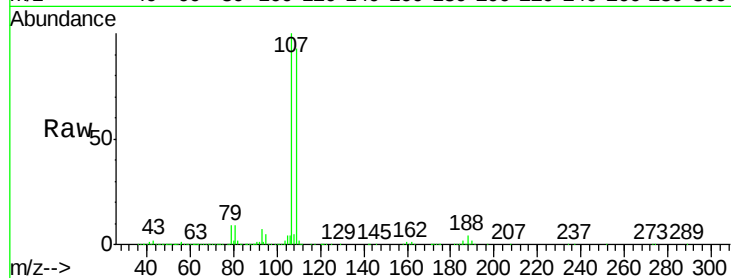
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 283725

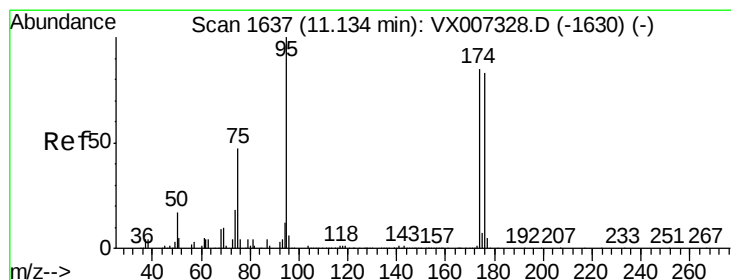
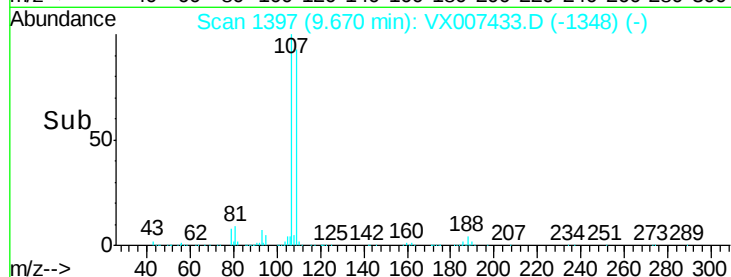
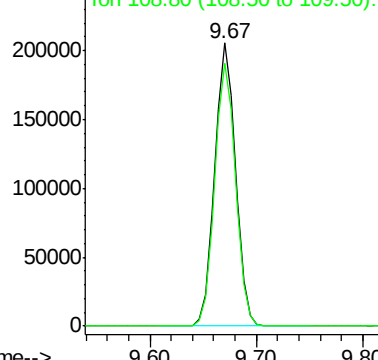
Ion Ratio Lower Upper

107 100

109 93.6 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 57.191 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

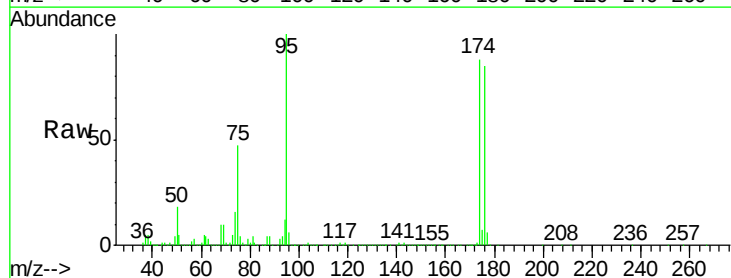
Tgt Ion: 95 Resp: 390625

Ion Ratio Lower Upper

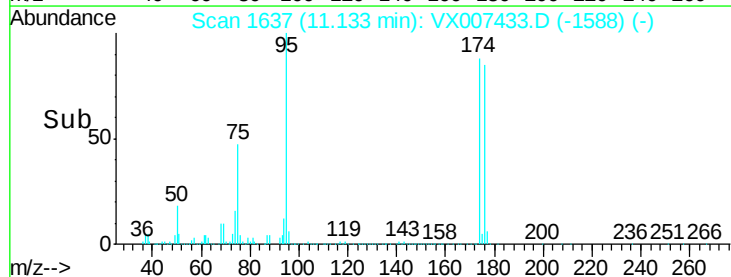
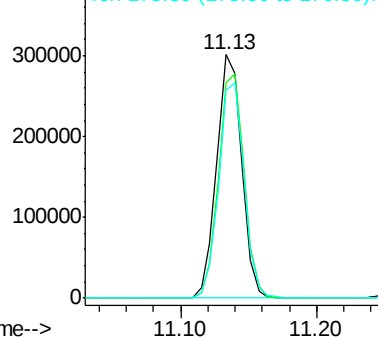
95 100

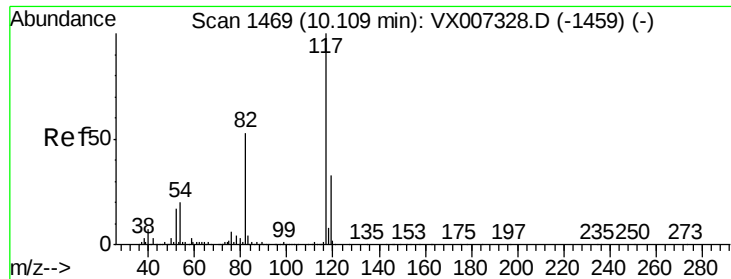
174 94.0 0.0 189.2

176 89.7 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

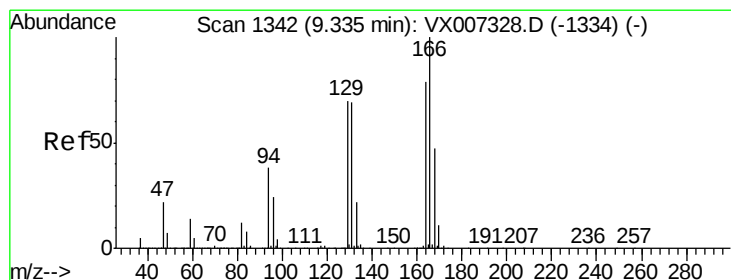
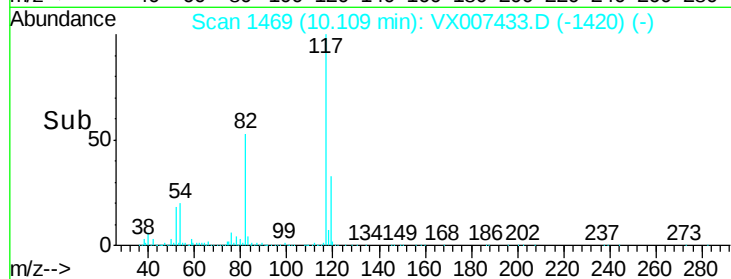
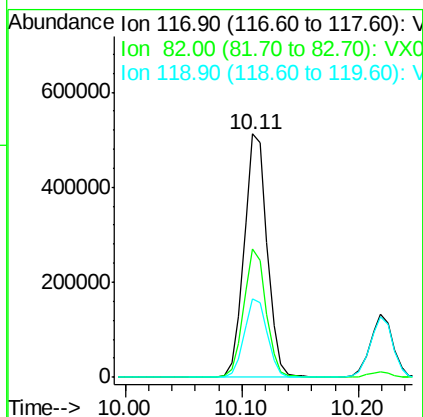
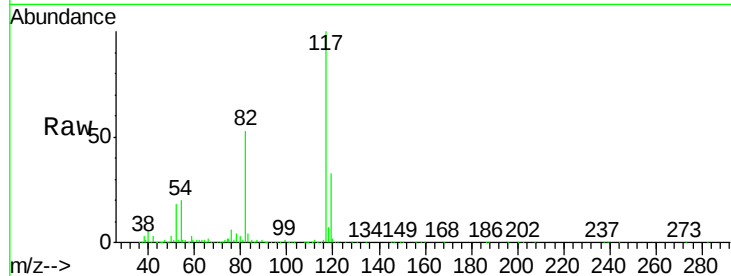




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

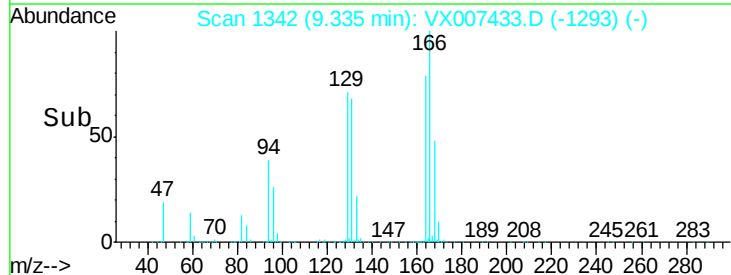
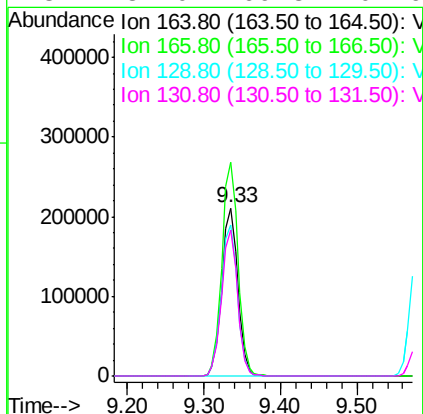
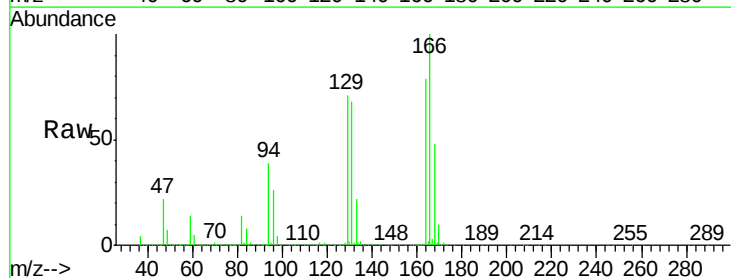
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 707510
Ion Ratio Lower Upper
117 100
82 52.7 42.1 63.1
119 32.5 26.5 39.7



#64
Tetrachloroethene
Concen: 45.845 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion:164 Resp: 305719
Ion Ratio Lower Upper
164 100
166 127.2 101.0 151.4
129 90.3 70.5 105.7
131 87.0 69.8 104.6

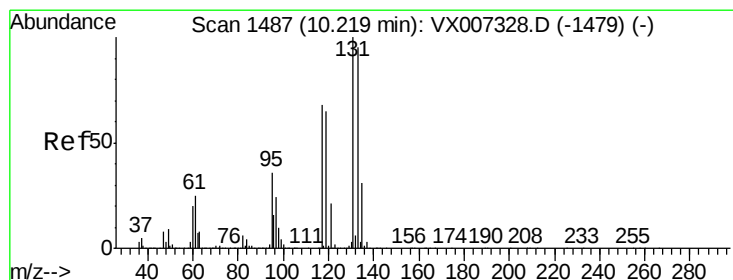
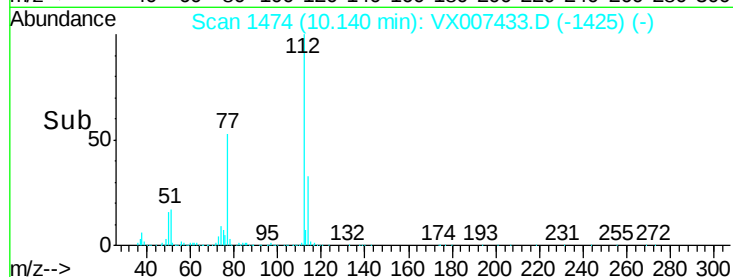
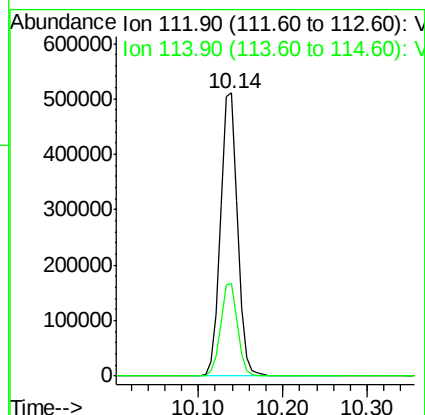
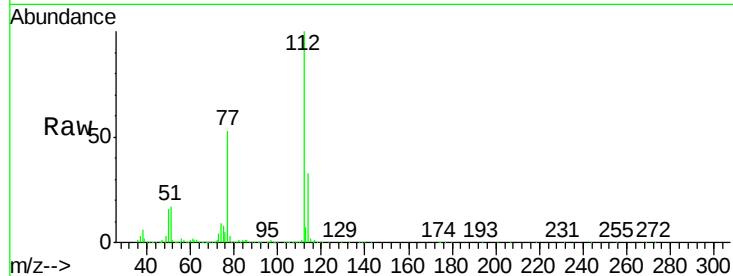




#65
Chlorobenzene
Concen: 46.490 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

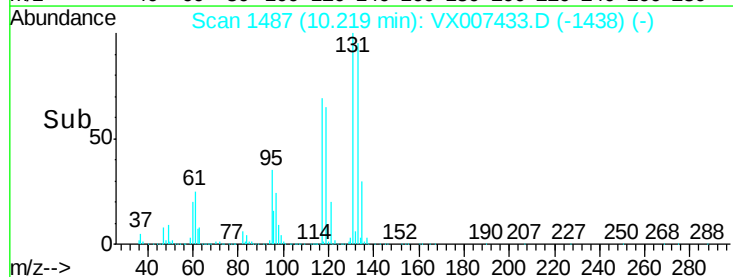
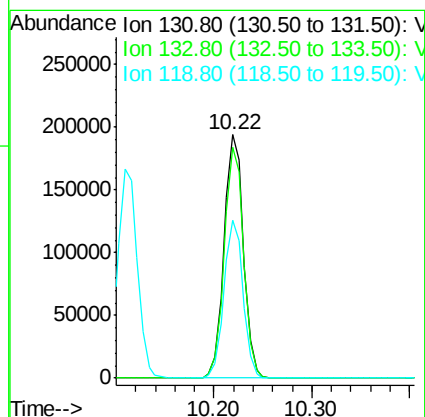
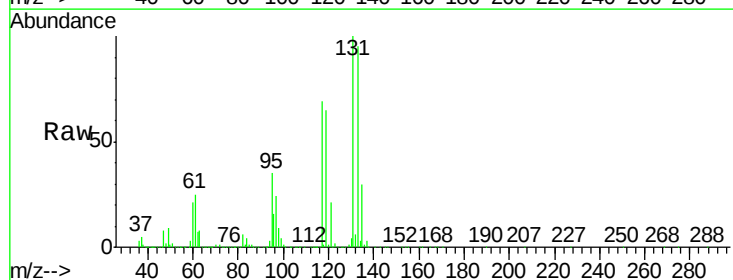
Instrument :
MSVOA_X
ClientSampleId :

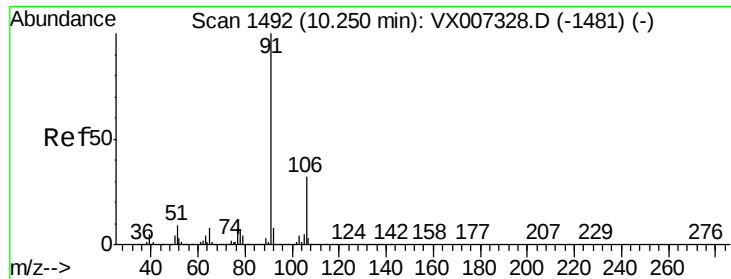
Tot Ion:112 Resp: 717776
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.185 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion:131 Resp: 264952
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.2
119 64.2 32.0 96.0





#67

Ethyl Benzene

Concen: 48.841 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

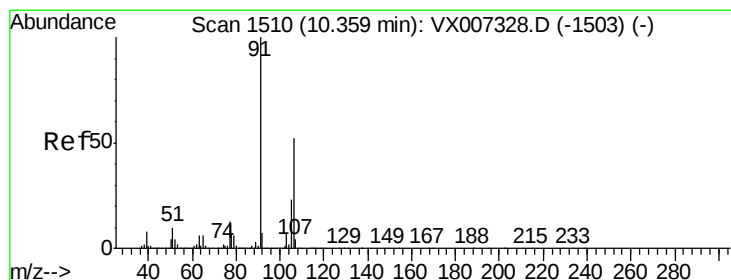
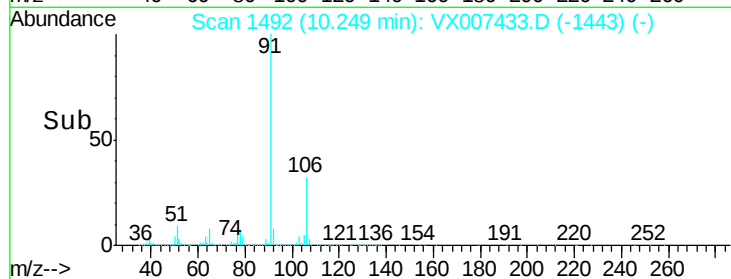
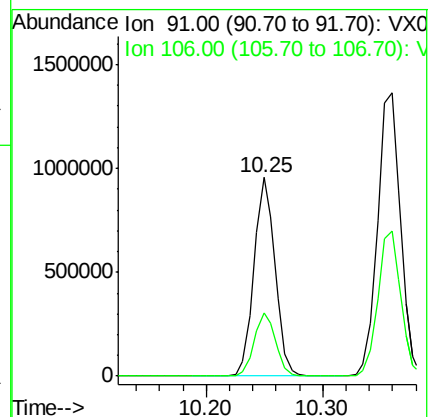
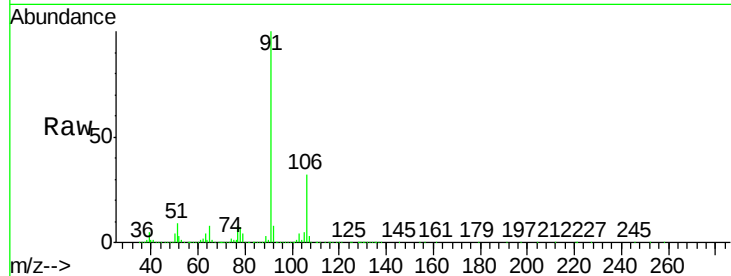
ClientSampled :

Tot Ion: 91 Resp: 1214328

Ion Ratio Lower Upper

91 100

106 31.8 25.4 38.0



#68

m/p-Xylenes

Concen: 96.444 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007433.D

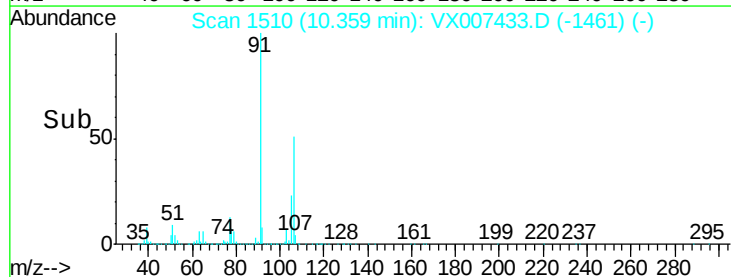
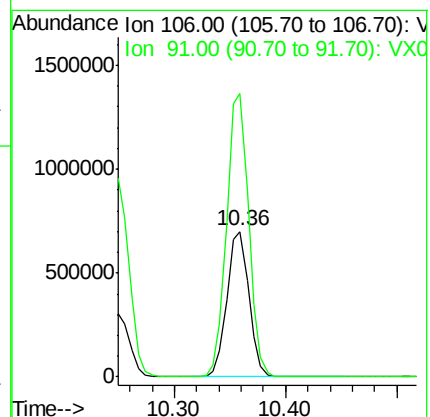
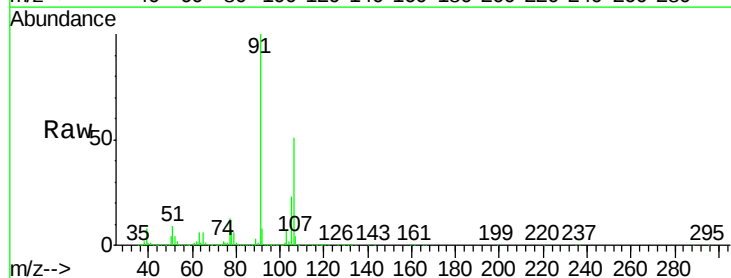
Acq: 08 Feb 2019 10:39

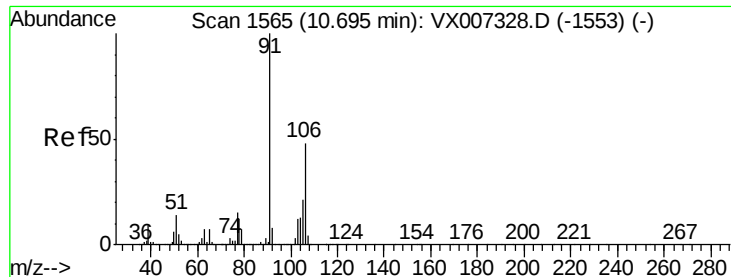
Tgt Ion: 106 Resp: 953188

Ion Ratio Lower Upper

106 100

91 196.2 156.6 234.8

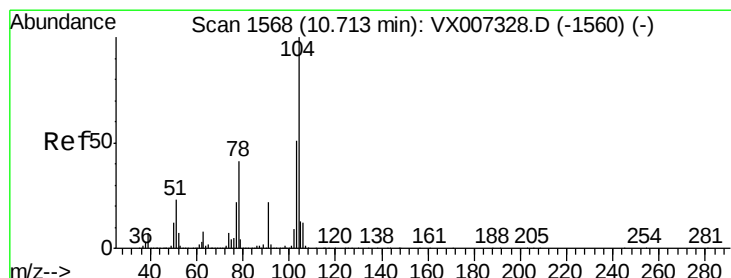
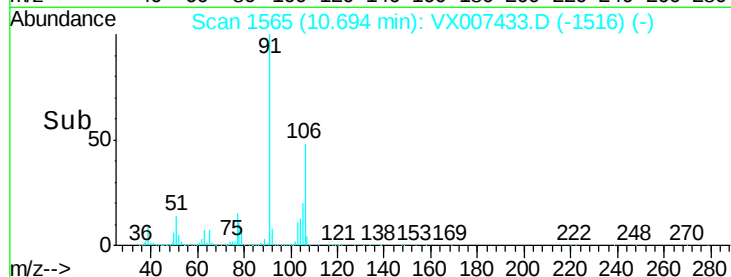
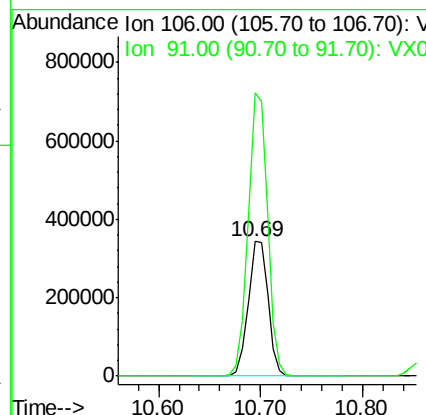
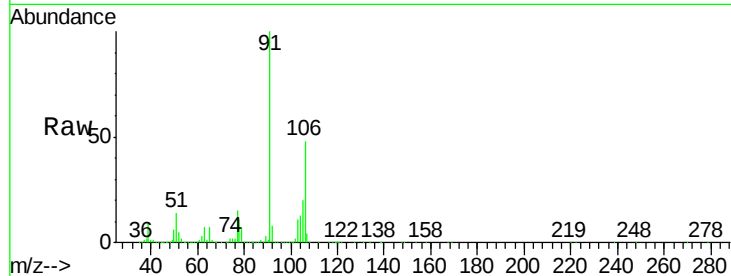




#69
o-Xylene
Concen: 48.459 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

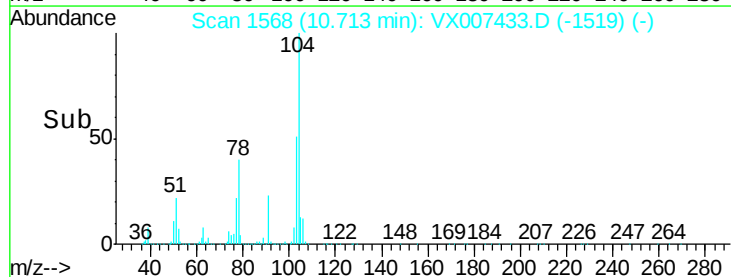
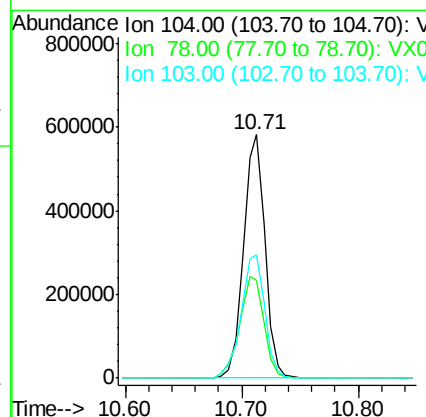
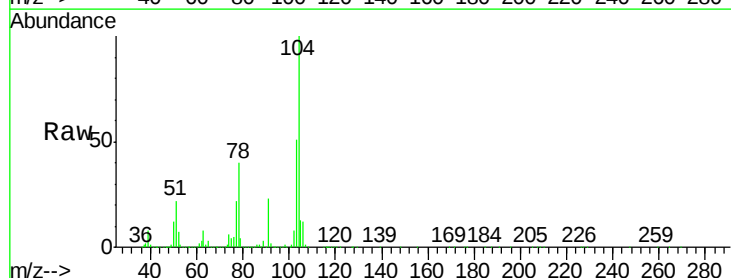
Instrument :
MSVOA_X
ClientSampled :

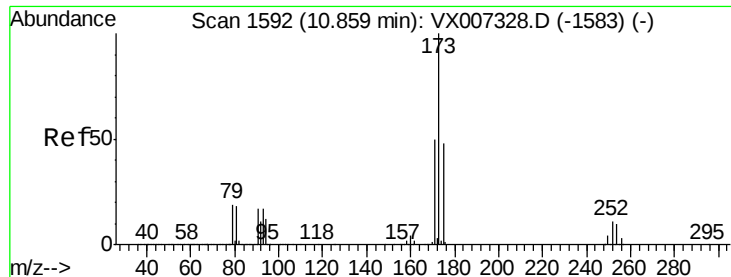
Tot Ion:106 Resp: 460858
Ion Ratio Lower Upper
106 100
91 206.4 102.9 308.7



#70
Styrene
Concen: 48.433 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion:104 Resp: 747002
Ion Ratio Lower Upper
104 100
78 47.4 38.3 57.5
103 55.9 44.6 67.0





#71

Bromoform

Concen: 45.773 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

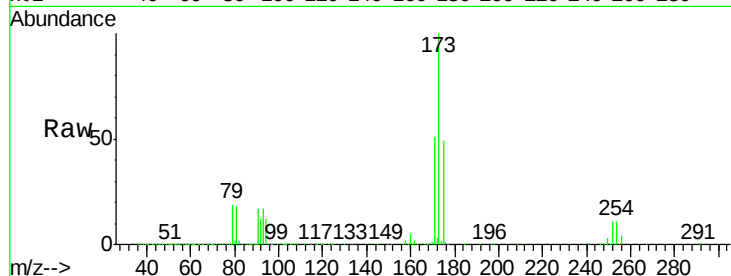
Tot Ion:173 Resp: 206129

Ion Ratio Lower Upper

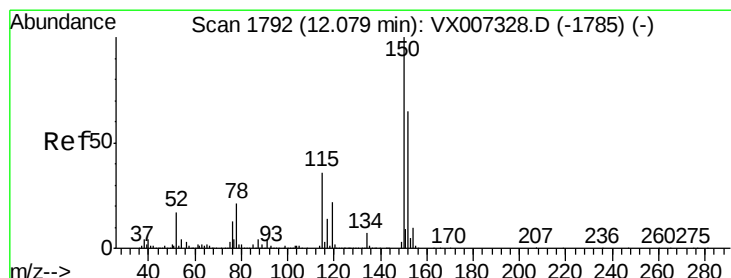
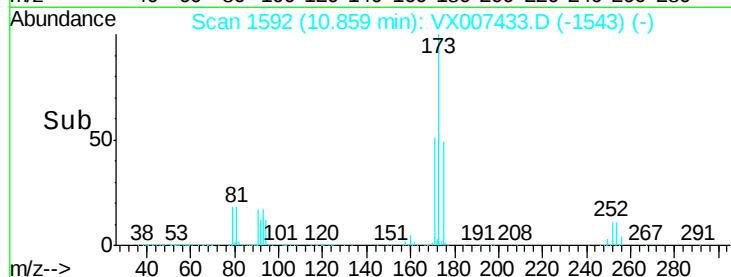
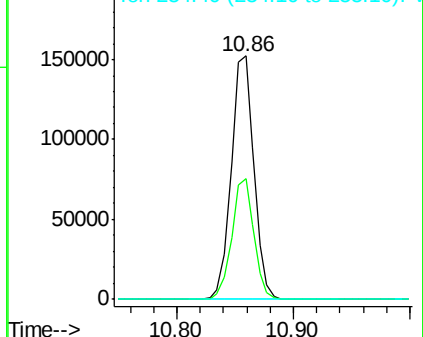
173 100

175 48.4 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: VX007433.D

Acq: 08 Feb 2019 10:39

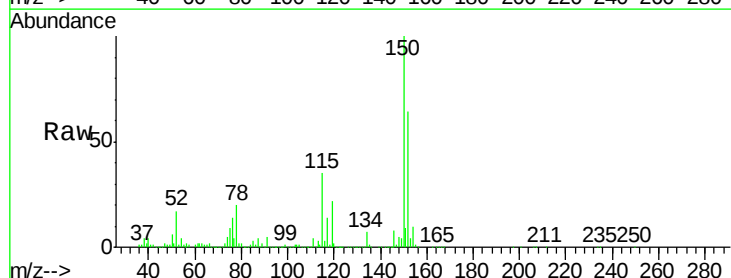
Tgt Ion:152 Resp: 377144

Ion Ratio Lower Upper

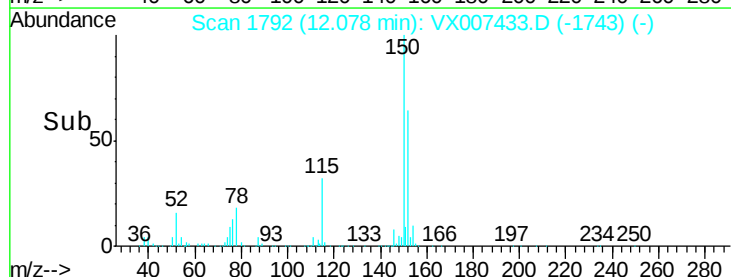
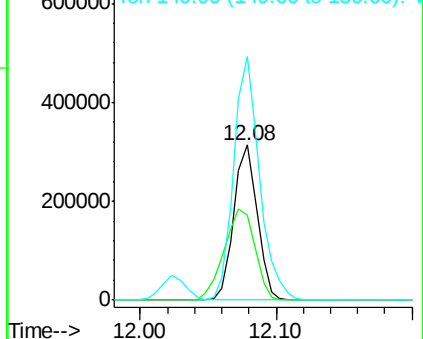
152 100

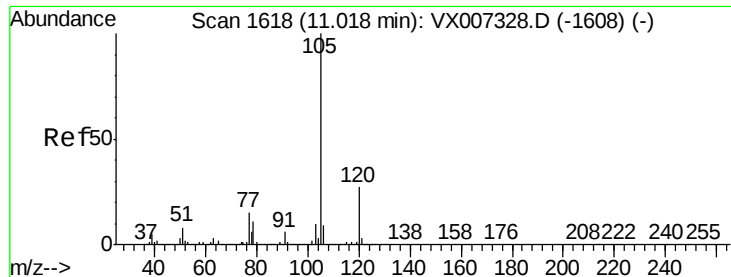
115 77.0 38.0 114.0

150 172.4 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: 48.398 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

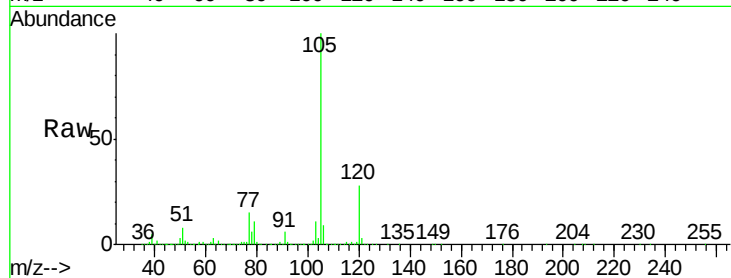
ClientSampled :

Tot Ion:105 Resp: 1240394

Ion Ratio Lower Upper

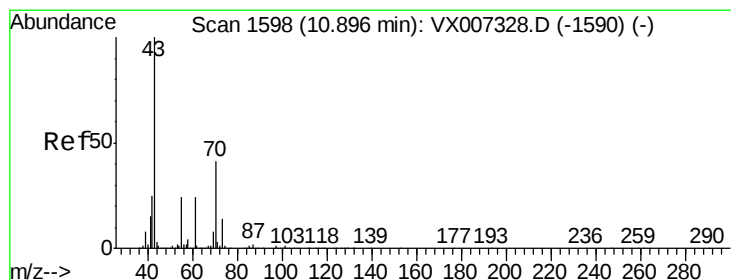
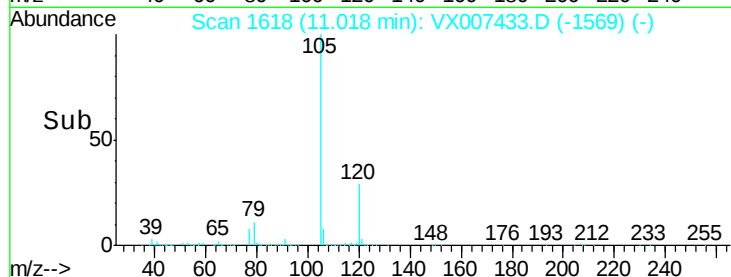
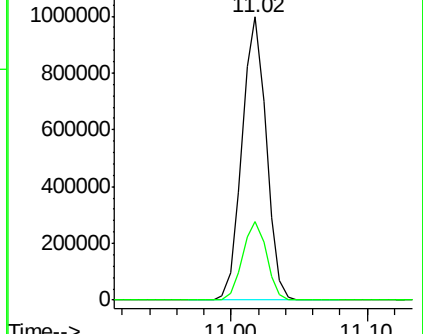
105 100

120 27.7 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: 48.047 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Tgt Ion: 43 Resp: 476286

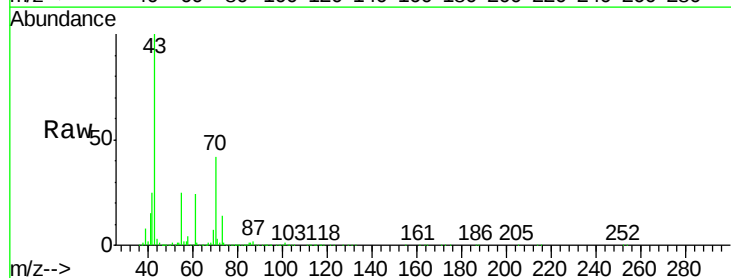
Ion Ratio Lower Upper

43 100

70 42.5 33.8 50.6

55 24.2 19.5 29.3

61 23.7 19.4 29.2

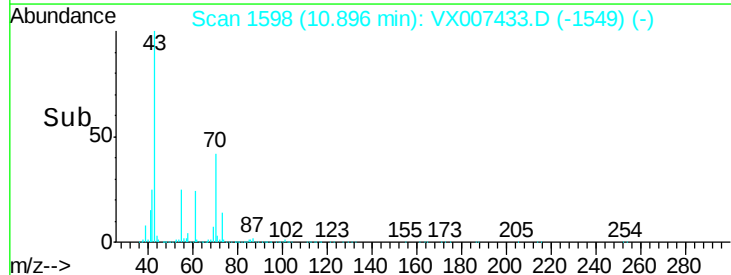
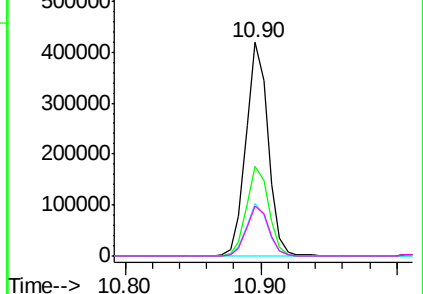


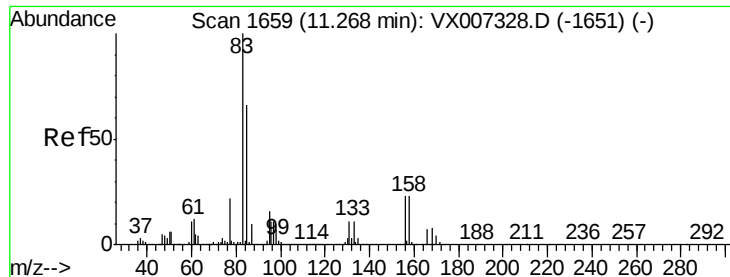
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.083 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

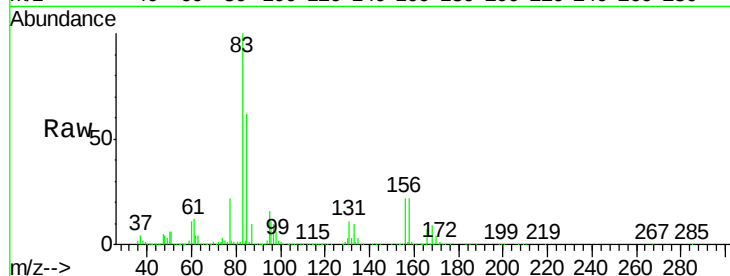
Tot Ion: 83 Resp: 367749

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.0

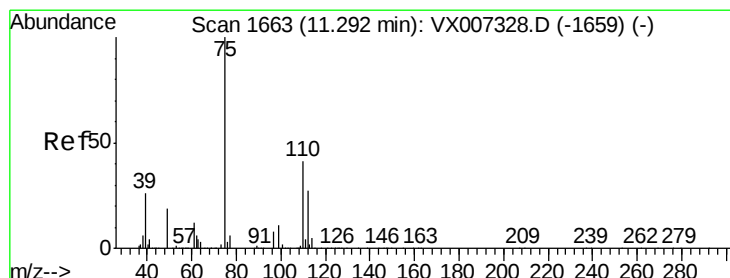
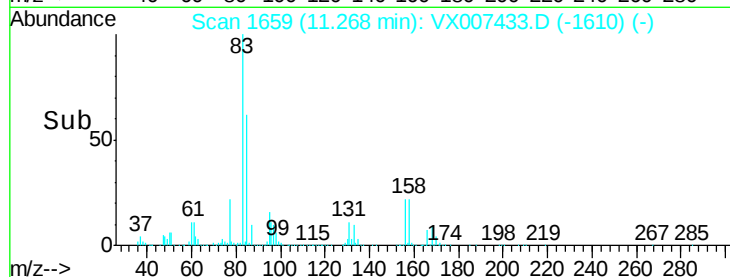
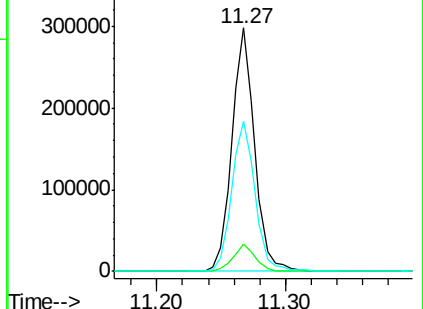
85 63.6 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX007433.D (-1610) (-)

Ion 130.80 (130.50 to 131.50): VX007433.D (-1610) (-)

Ion 84.90 (84.60 to 85.60): VX007433.D (-1610) (-)



#76

1,2,3-Trichloropropane

Concen: 58.286 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX007433.D

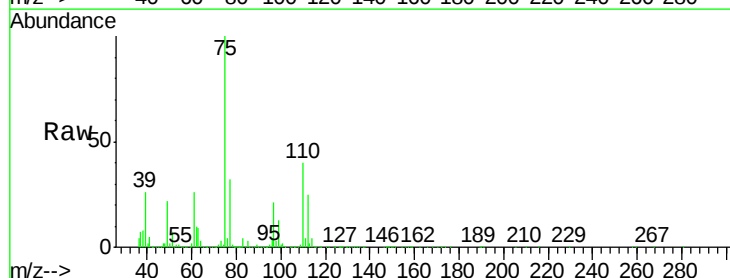
Acq: 08 Feb 2019 10:39

Tgt Ion: 75 Resp: 427579

Ion Ratio Lower Upper

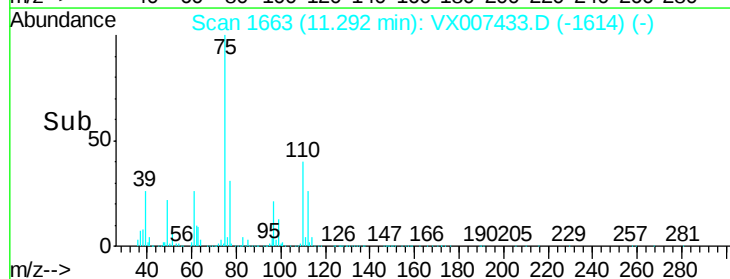
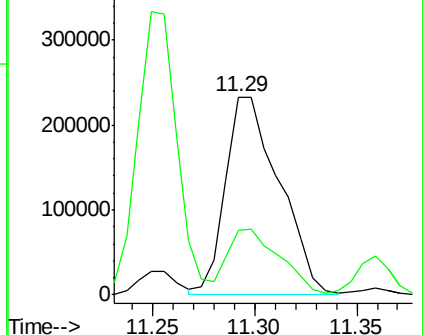
75 100

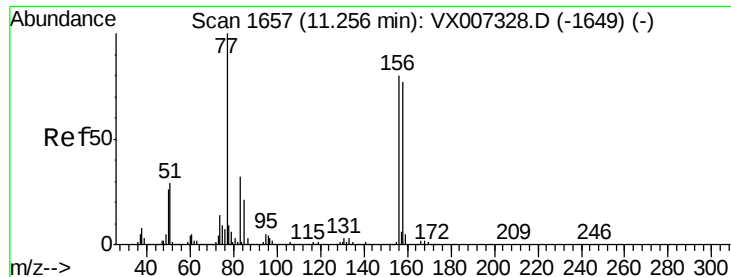
77 31.7 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX007433.D (-1614) (-)

Ion 77.00 (76.70 to 77.70): VX007433.D (-1614) (-)





#77

Bromobenzene

Concen: 45.364 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

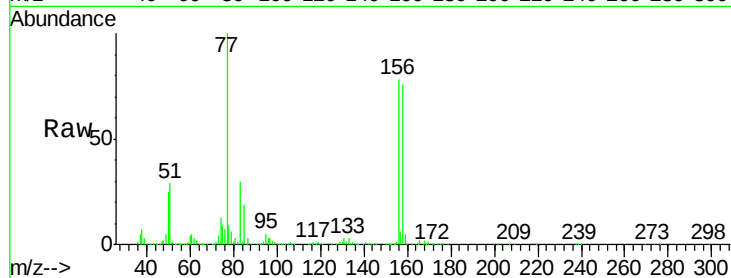
Tot Ion:156 Resp: 327582

Ion Ratio Lower Upper

156 100

77 137.2 66.8 200.6

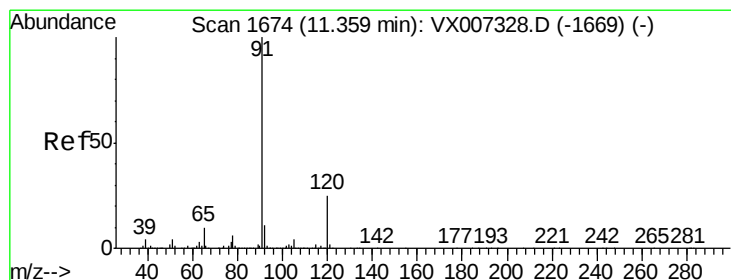
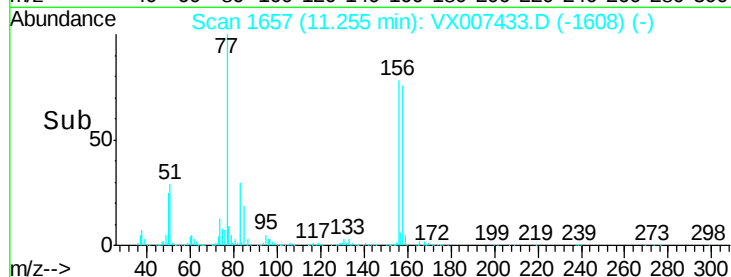
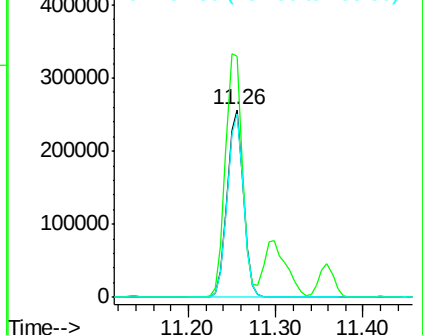
158 98.4 47.9 143.8



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: 50.135 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007433.D

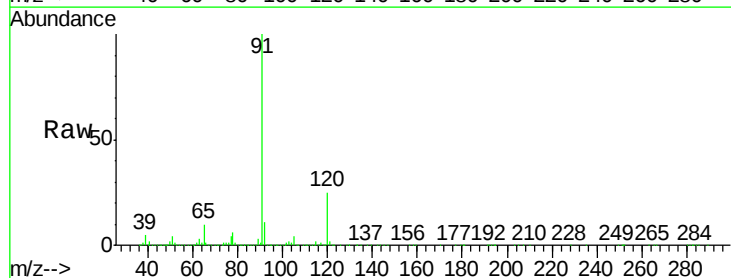
Acq: 08 Feb 2019 10:39

Tgt Ion: 91 Resp: 1408972

Ion Ratio Lower Upper

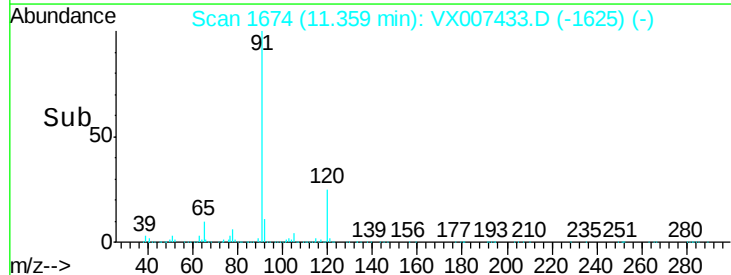
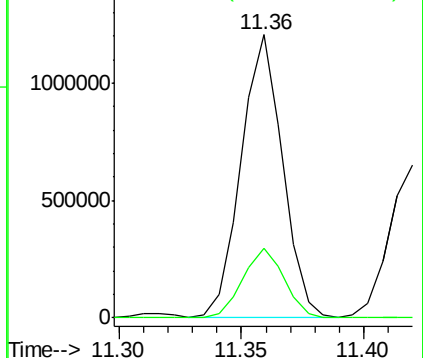
91 100

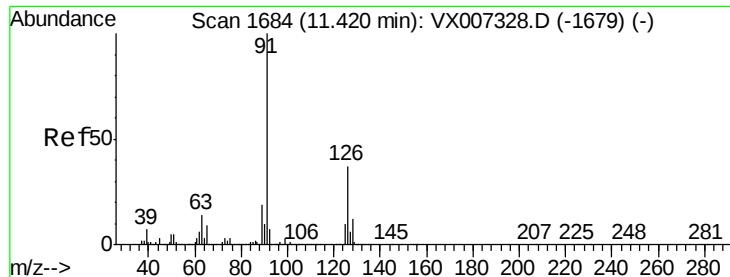
120 24.9 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.103 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

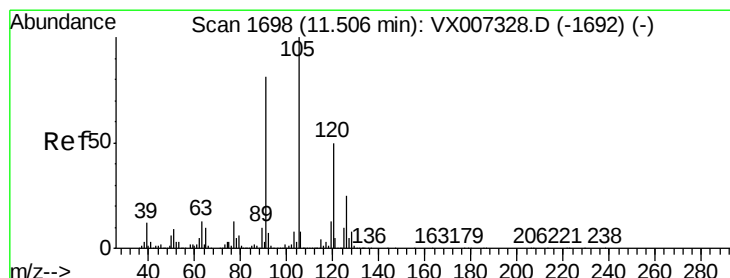
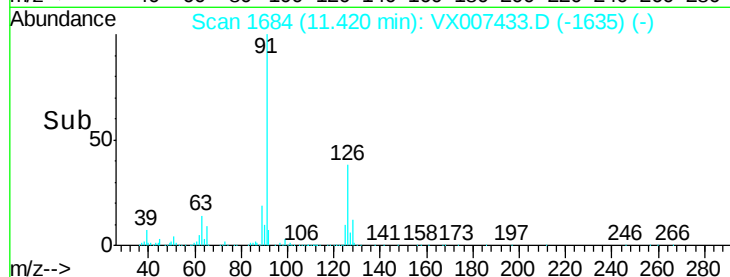
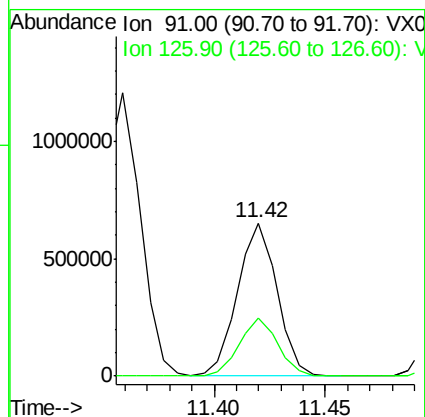
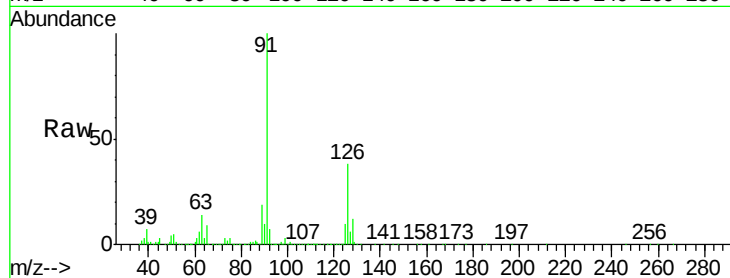
ClientSampleId :

Tot Ion: 91 Resp: 803238

Ion Ratio Lower Upper

91 100

126 37.3 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 48.305 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007433.D

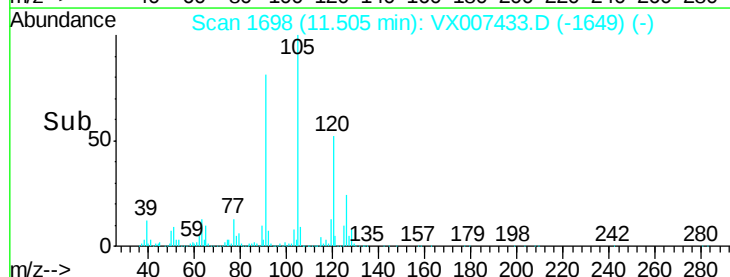
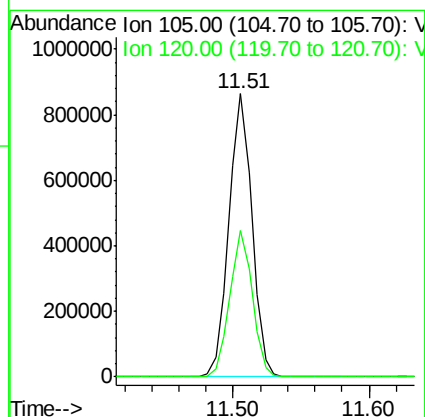
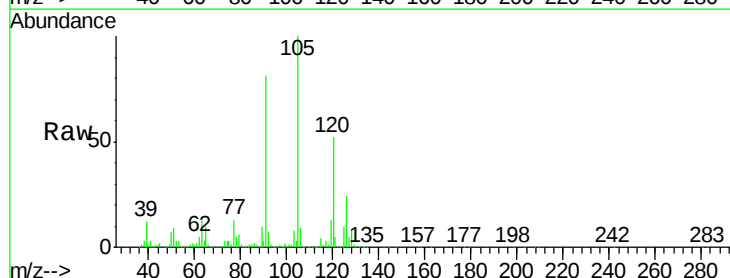
Acq: 08 Feb 2019 10:39

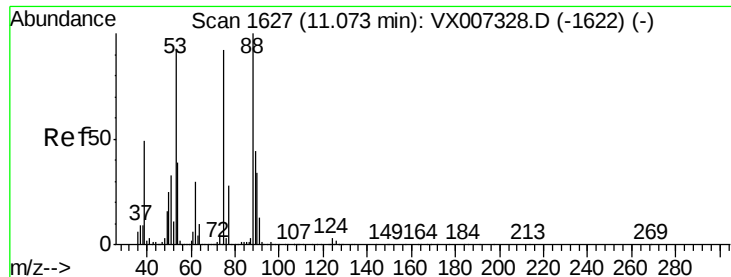
Tgt Ion:105 Resp: 1012844

Ion Ratio Lower Upper

105 100

120 50.7 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 47.448 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampled :

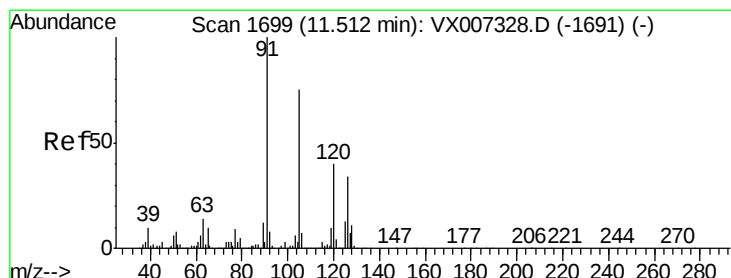
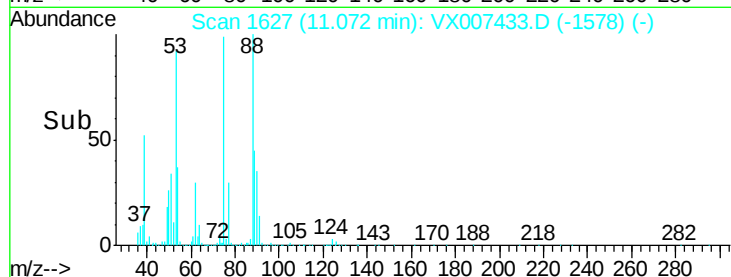
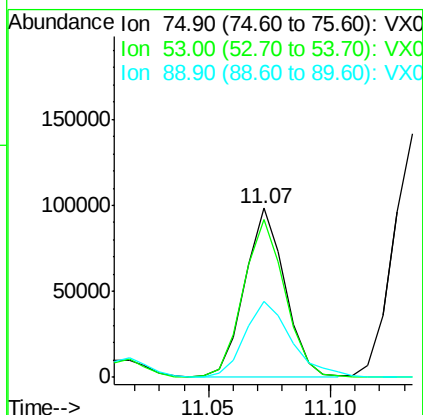
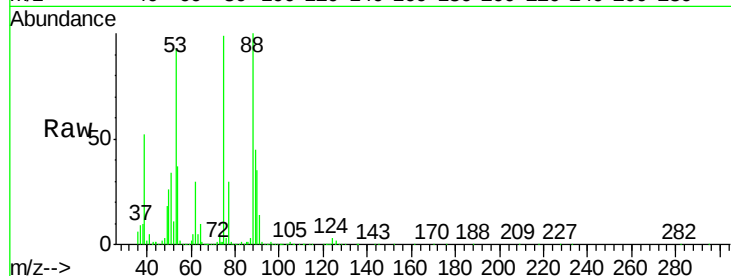
Tot Ion: 75 Resp: 112053

Ion Ratio Lower Upper

75 100

53 96.4 81.0 121.6

89 52.5 41.4 62.0



#82

4-Chlorotoluene

Concen: 47.723 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007433.D

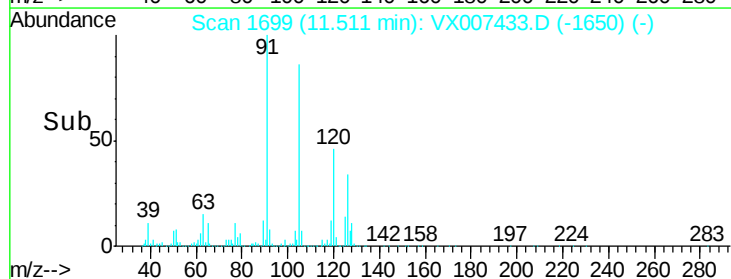
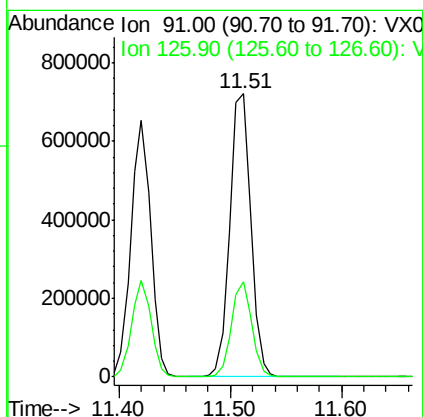
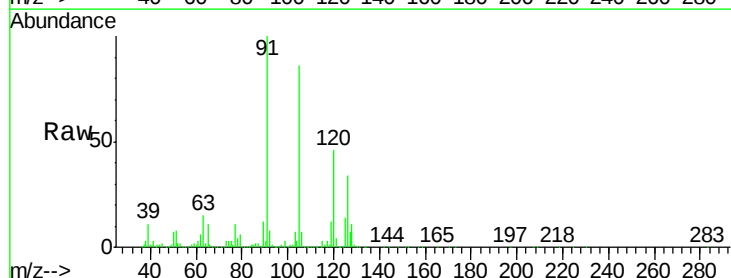
Acq: 08 Feb 2019 10:39

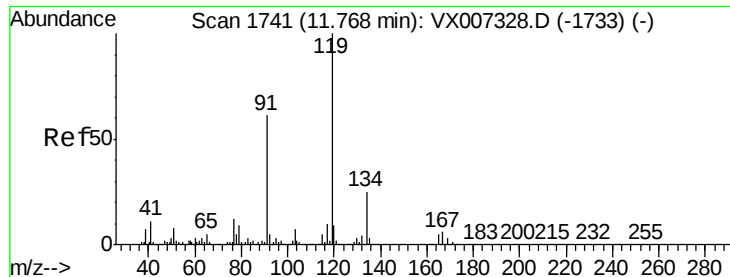
Tgt Ion: 91 Resp: 941668

Ion Ratio Lower Upper

91 100

126 32.4 16.2 48.5





#83

tert-Butylbenzene

Concen: 48.187 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

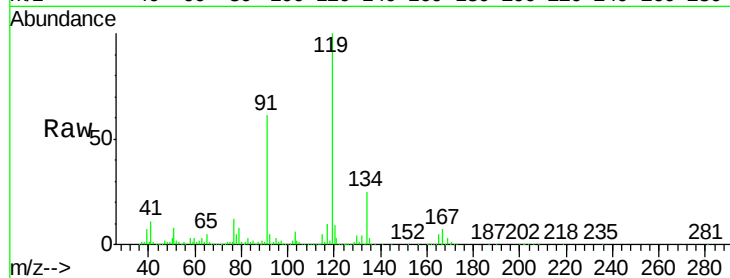
Tot Ion:119 Resp: 1000325

Ion Ratio Lower Upper

119 100

91 57.0 28.5 85.6

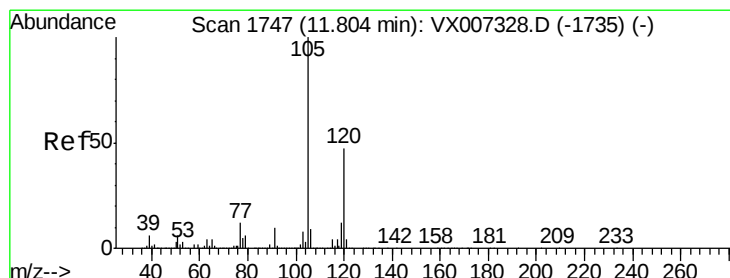
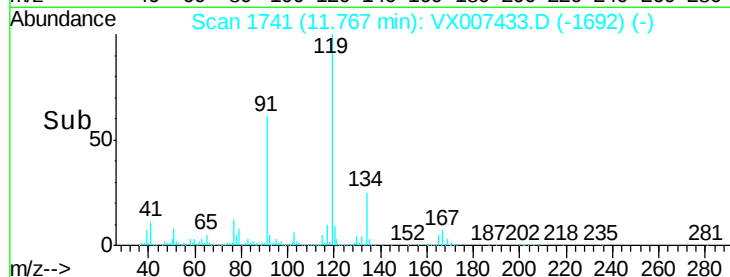
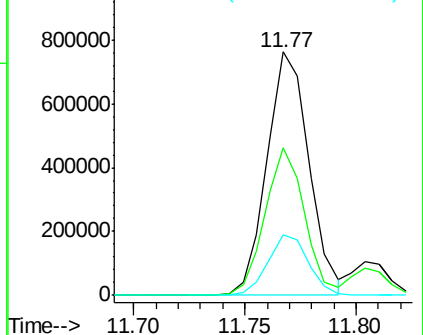
134 24.1 12.0 36.0



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: 48.740 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007433.D

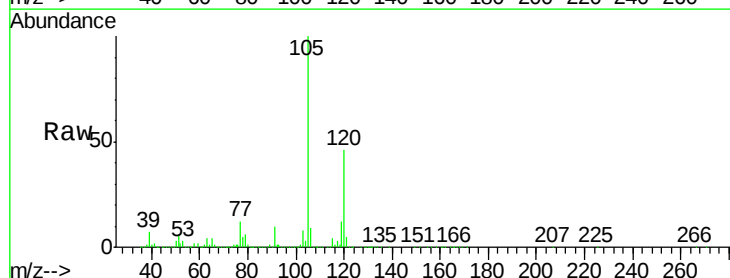
Acq: 08 Feb 2019 10:39

Tgt Ion:105 Resp: 1037536

Ion Ratio Lower Upper

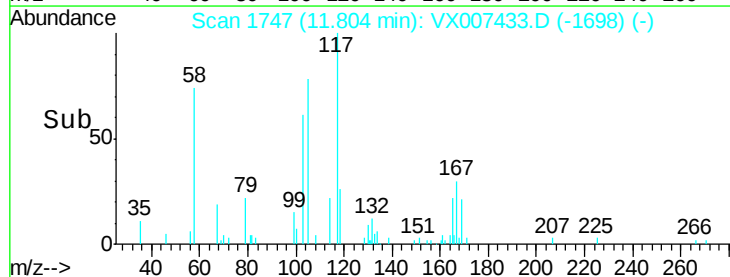
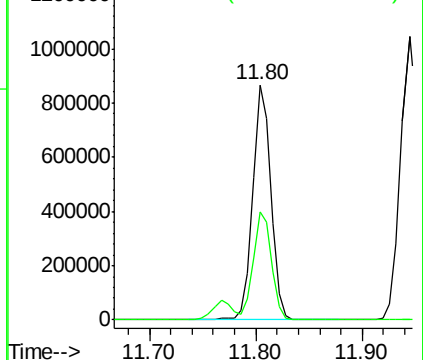
105 100

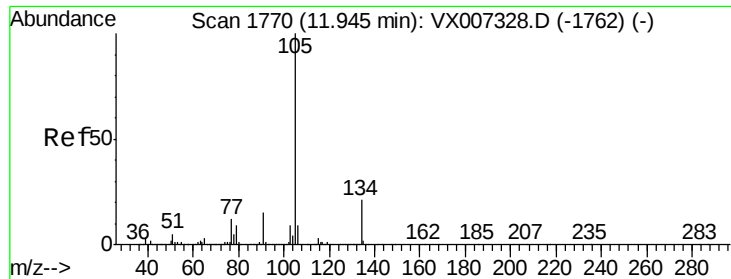
120 45.7 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.173 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

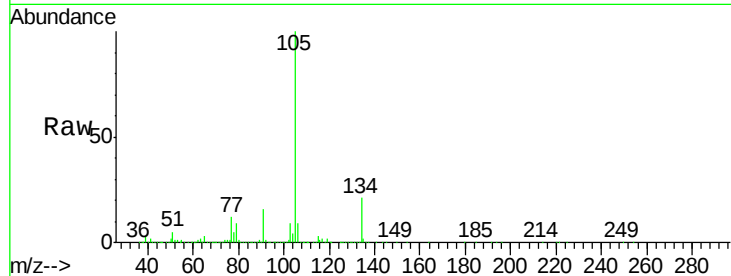
ClientSampleId :

Tot Ion:105 Resp: 1260603

Ion Ratio Lower Upper

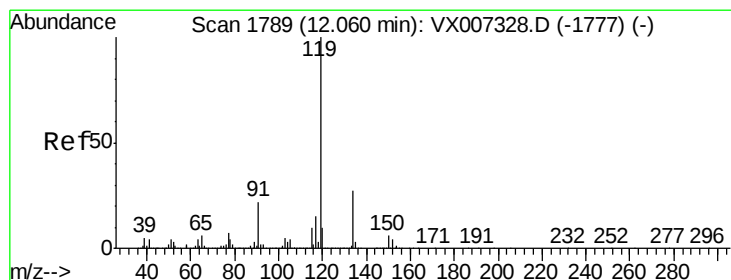
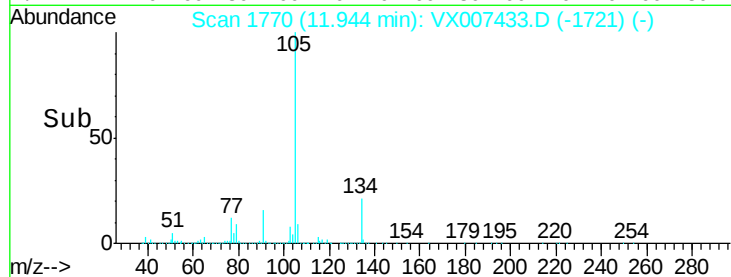
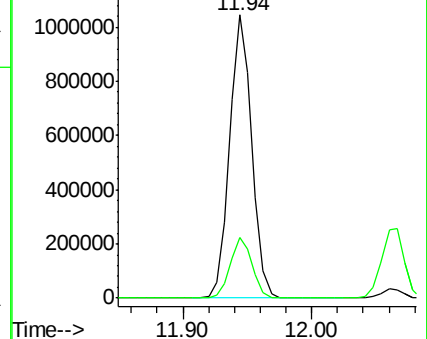
105 100

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: 49.864 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

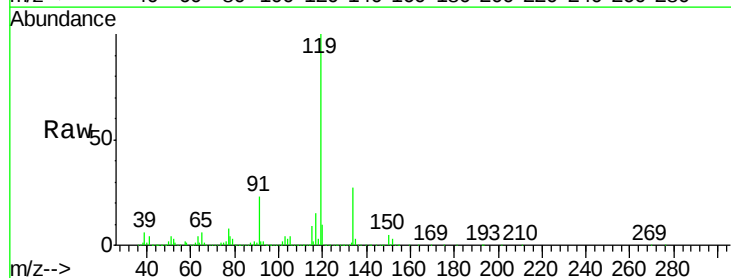
Tgt Ion:119 Resp: 1130950

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.1

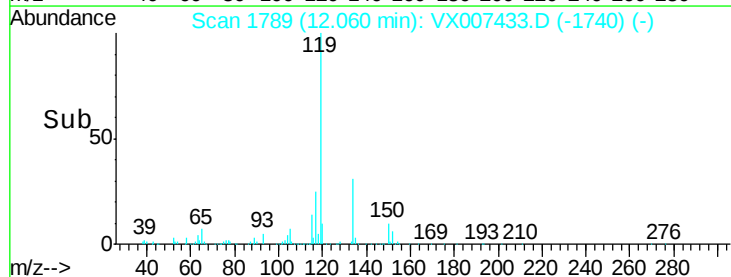
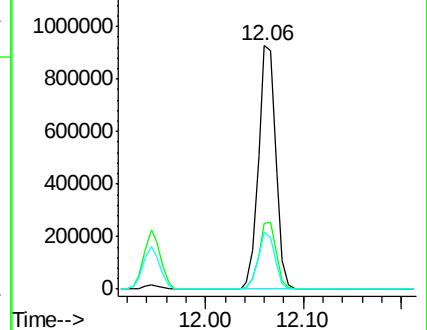
91 22.7 11.2 33.5



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

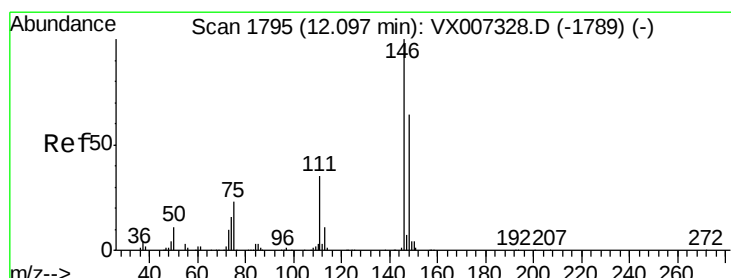
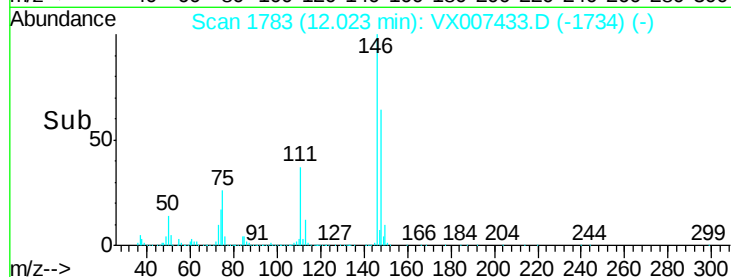
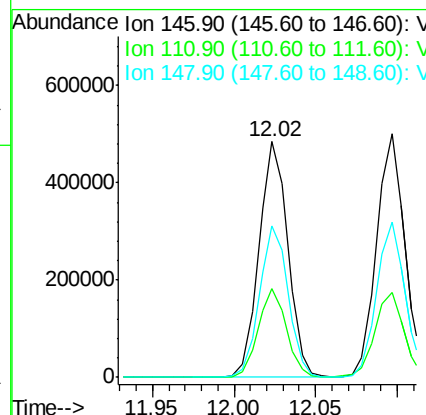
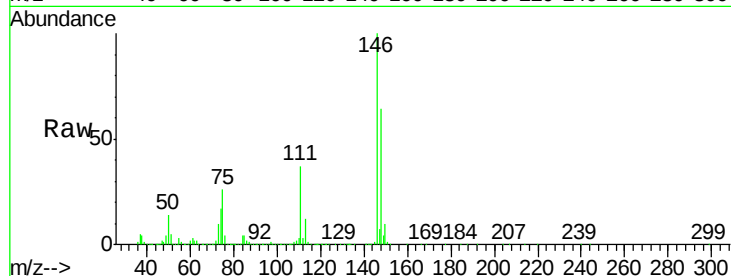




#87
 1,3-Dichlorobenzene
 Concen: 46.152 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007433.D
 Acq: 08 Feb 2019 10:39

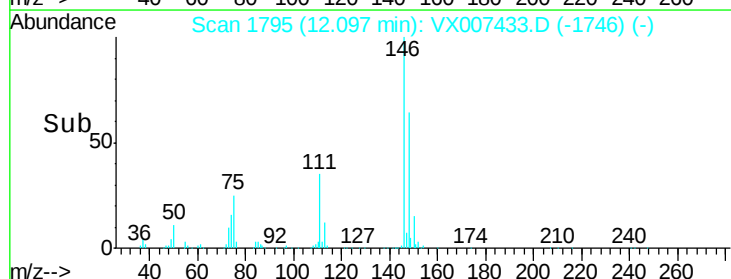
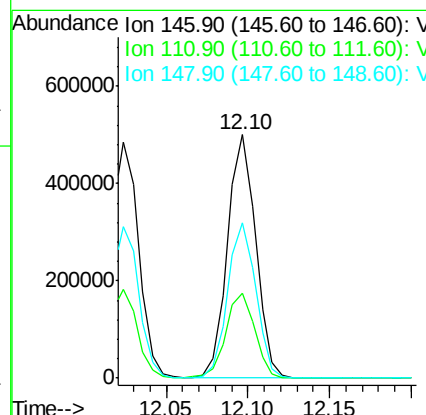
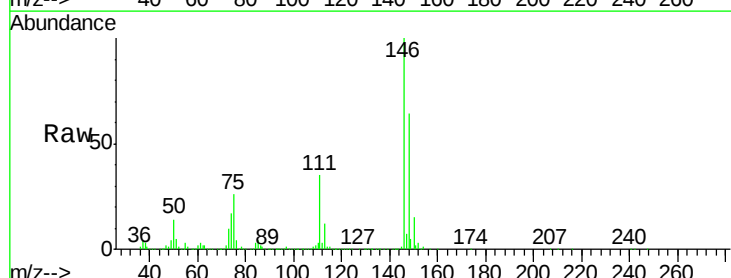
Instrument :
 MSVOA_X
 ClientSampleId :

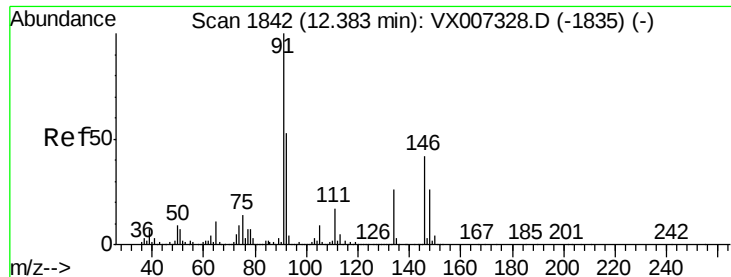
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.1	54.1
148	63.9	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 45.760 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007433.D
 Acq: 08 Feb 2019 10:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.1	54.1
148	64.1	32.3	96.9

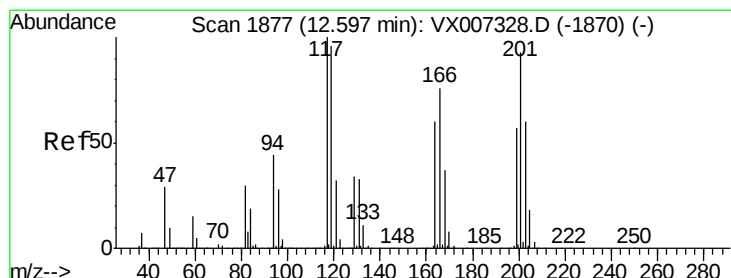
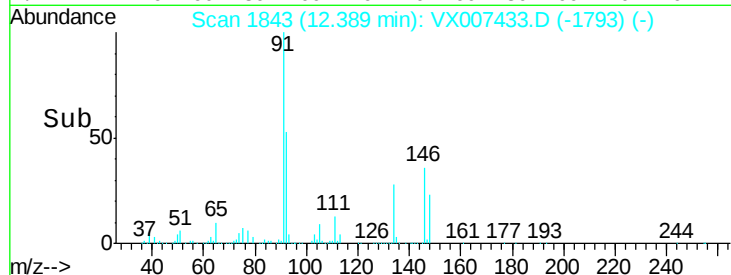
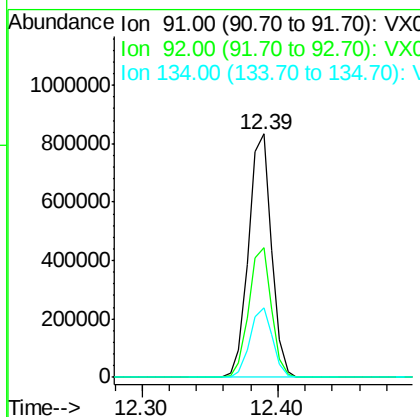
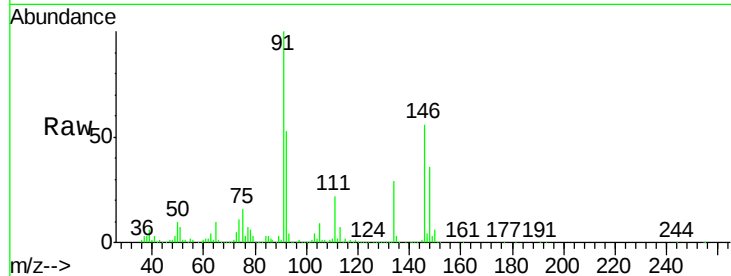




#89
n-Butylbenzene
Concen: 50.396 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

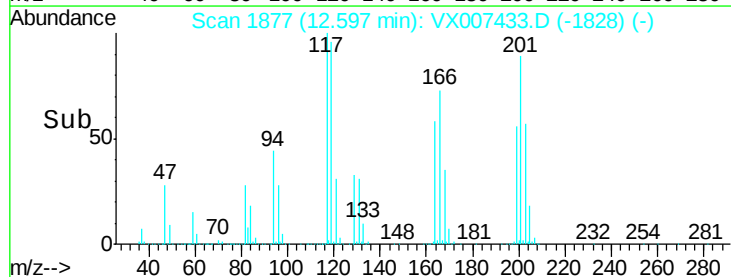
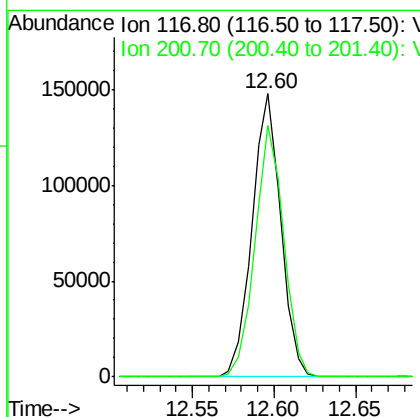
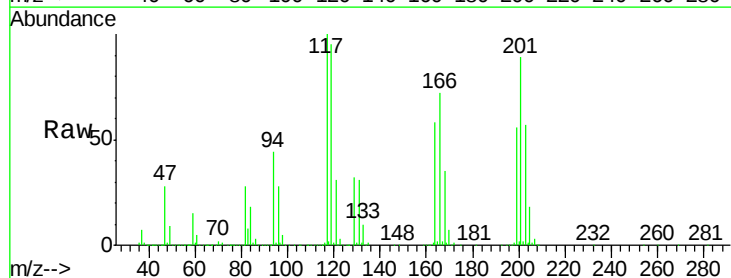
Instrument :
MSVOA_X
ClientSampleId :

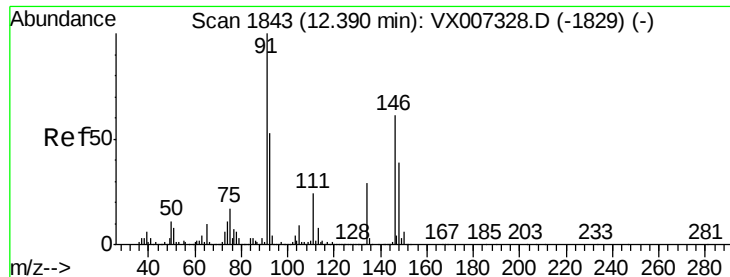
Tot Ion: 91 Resp: 983254
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.9
134 28.4 13.9 41.6



#90
Hexachloroethane
Concen: 53.394 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion: 117 Resp: 181240
Ion Ratio Lower Upper
117 100
201 88.7 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 45.953 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

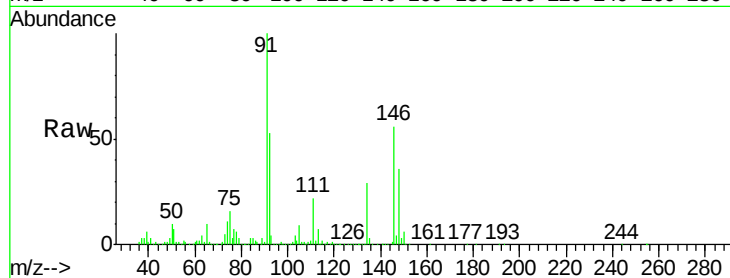
Tot Ion:146 Resp: 592665

Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.3

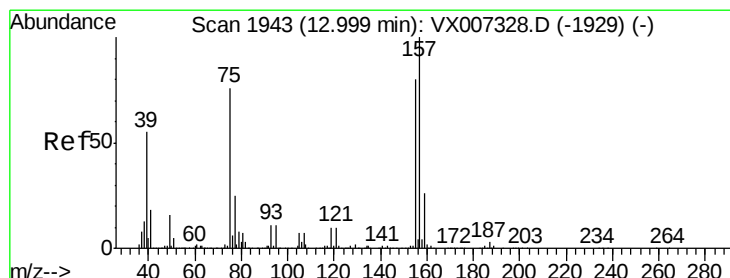
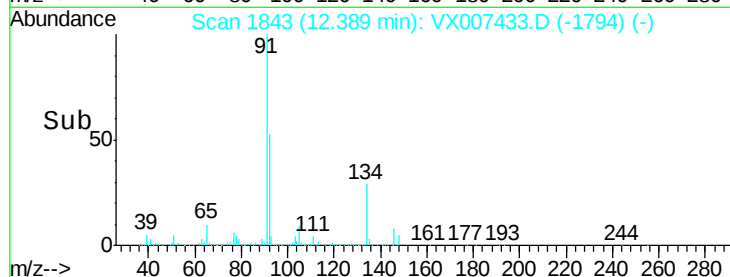
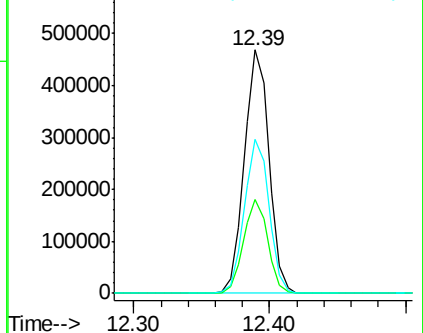
148 63.4 32.1 96.3



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: 48.406 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

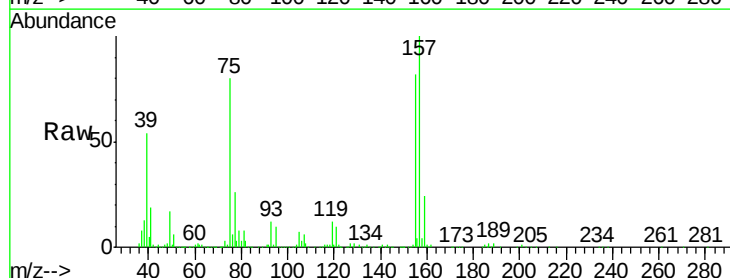
Tgt Ion: 75 Resp: 78615

Ion Ratio Lower Upper

75 100

155 102.3 49.6 149.0

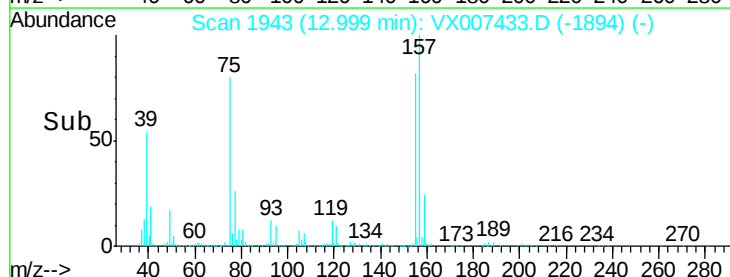
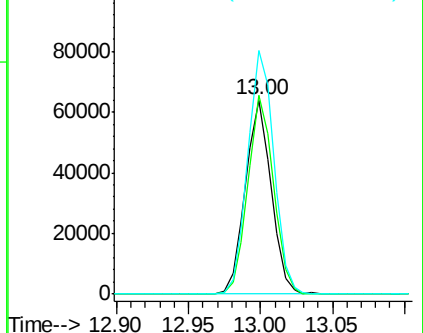
157 128.0 65.1 195.3

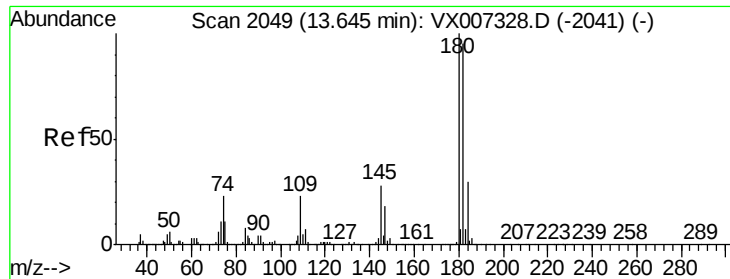


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

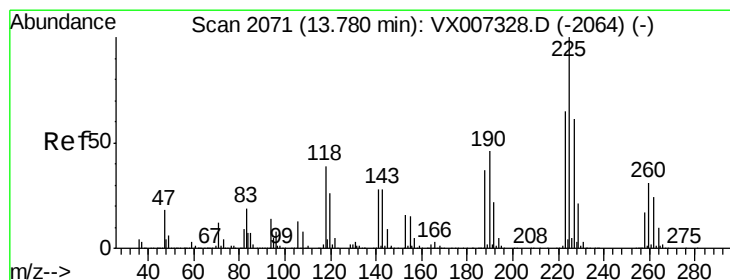
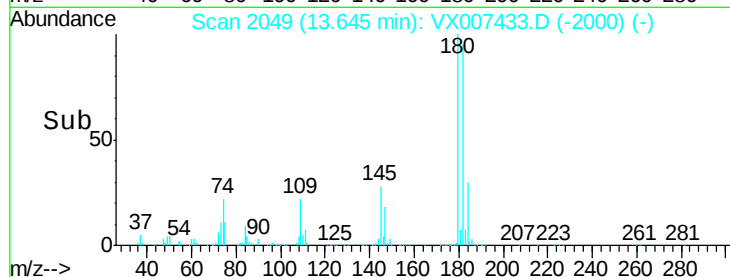
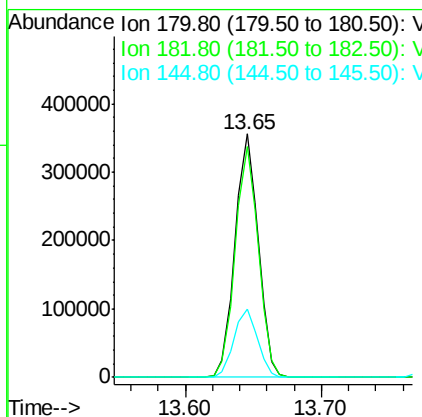
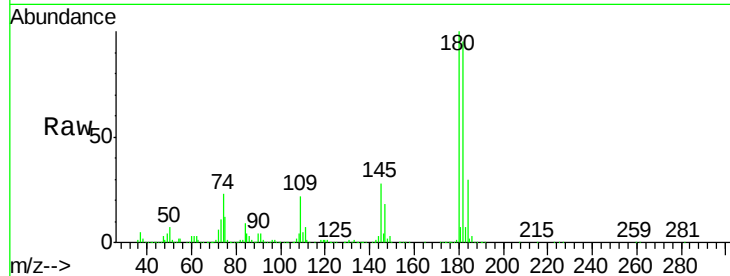




#93
 1,2,4-Trichlorobenzene
 Concen: 48.684 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007433.D
 Acq: 08 Feb 2019 10:39

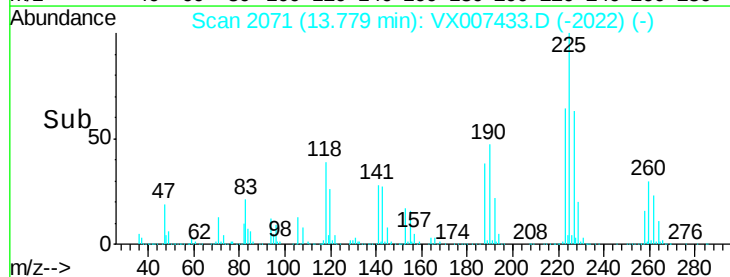
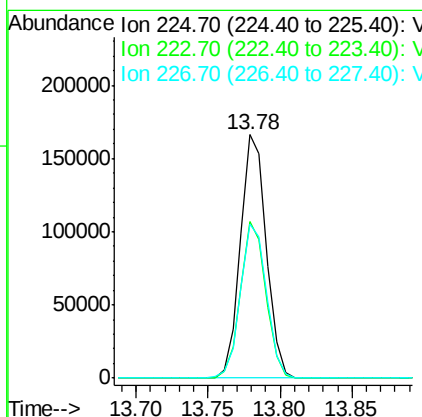
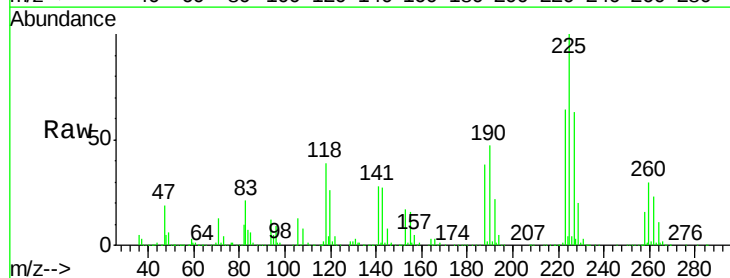
Instrument :
 MSVOA_X
 ClientSampleId :

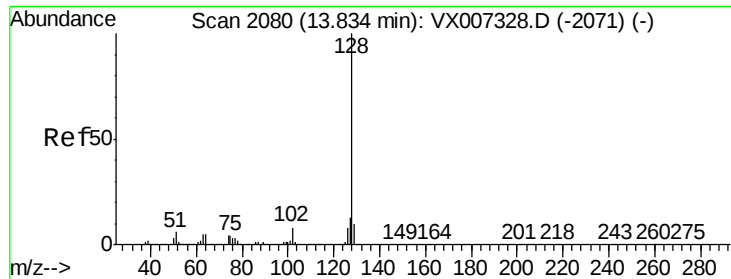
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.8	143.3
145	28.5	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 48.899 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007433.D
 Acq: 08 Feb 2019 10:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.6	94.8
227	63.8	32.1	96.3





#95

Naphthalene

Concen: 49.495 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampled :

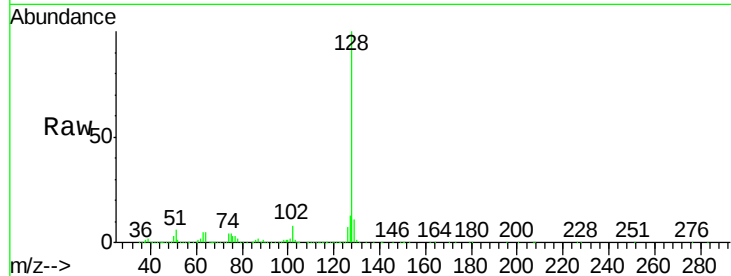
Tot Ion:128 Resp: 1258891

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

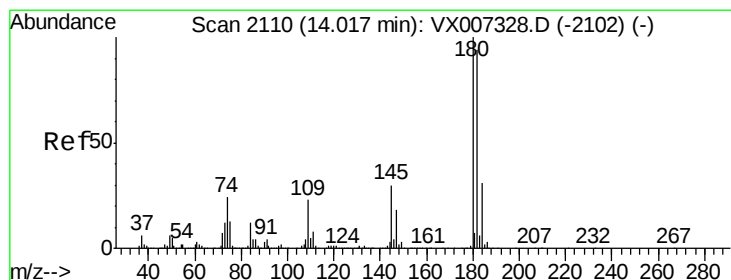
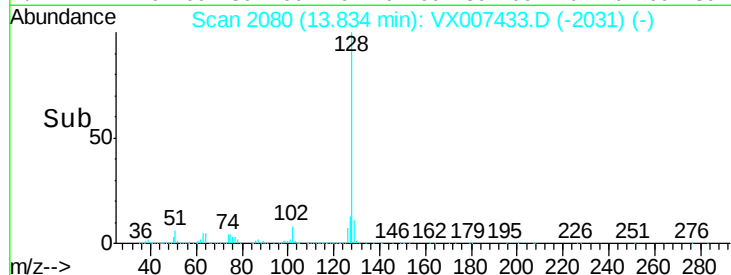
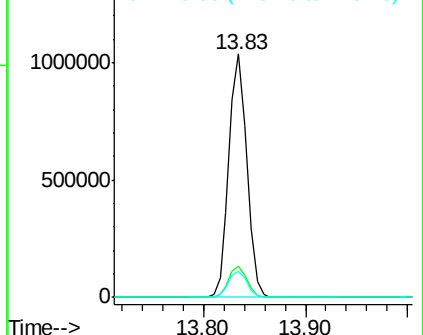
129 11.1 8.7 13.1



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: 47.708 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

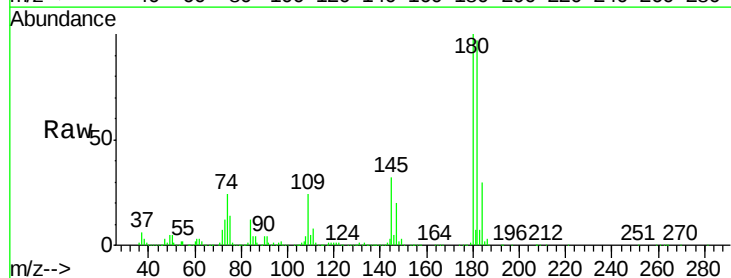
Tgt Ion:180 Resp: 417683

Ion Ratio Lower Upper

180 100

182 96.3 47.5 142.6

145 30.7 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

