

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040519\
 Data File : VX008686.D
 Acq On : 05 Apr 2019 17:00
 Operator : JC/SP
 Sample : VX0405WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS02

Quant Time: Apr 06 01:23:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	178509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	296669	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	125902	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
35) Dibromofluoromethane	5.50	113	93107	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
50) Toluene-d8	8.71	98	376896	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.13	95	137847	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	37271	18.139	ug/l	98
3) Chloromethane	1.32	50	52881	19.985	ug/l	99
4) Vinyl Chloride	1.40	62	50934	18.337	ug/l	99
5) Bromomethane	1.64	94	23697	18.551	ug/l	100
6) Chloroethane	1.72	64	32277	19.426	ug/l	99
7) Trichlorofluoromethane	1.93	101	57965	18.878	ug/l	98
8) Diethyl Ether	2.19	74	27655	18.992	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36778	18.604	ug/l	99
10) Methyl Iodide	2.51	142	25795	17.183	ug/l	98
11) Tert butyl alcohol	3.04	59	59132	97.009	ug/l	99
12) 1,1-Dichloroethene	2.37	96	37251	18.050	ug/l	97
13) Acrolein	2.29	56	44456	147.085	ug/l	100
14) Allyl chloride	2.73	41	88642	18.763	ug/l	99
15) Acrylonitrile	3.14	53	150250	93.046	ug/l	99
16) Acetone	2.44	43	139983	93.345	ug/l	99
17) Carbon Disulfide	2.57	76	110680	18.100	ug/l	98
18) Methyl Acetate	2.77	43	66590	18.309	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	143312	19.445	ug/l	97
20) Methylene Chloride	2.85	84	45592	18.163	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	40825	18.289	ug/l	95
22) Diisopropyl ether	3.85	45	173063	19.006	ug/l	91
23) Vinyl Acetate	3.81	43	766428	96.754	ug/l	99
24) 1,1-Dichloroethane	3.70	63	85205	18.899	ug/l	99
25) 2-Butanone	4.67	43	225674	95.213	ug/l	100
26) 2,2-Dichloropropane	4.58	77	59543	18.752	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	47445	18.487	ug/l	100
28) Bromochloromethane	5.01	49	40959	19.929	ug/l	100
29) Tetrahydrofuran	5.13	42	147081	93.494	ug/l	100
30) Chloroform	5.21	83	76897	19.097	ug/l	100
31) Cyclohexane	5.58	56	82415	18.320	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	61526	18.908	ug/l	99
36) 1,1-Dichloropropene	5.80	75	59673	18.401	ug/l	99
37) Ethyl Acetate	4.83	43	83596	19.313	ug/l	98
38) Carbon Tetrachloride	5.78	117	50882	18.957	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 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	73945	18.458	ug/l	99
40) Benzene	6.14	78	182225	18.862	ug/l	99
41) Methacrylonitrile	5.04	41	47281	19.003	ug/l	99
42) 1,2-Dichloroethane	6.19	62	65960	19.045	ug/l	99
43) Isopropyl Acetate	6.45	43	131072	19.330	ug/l	100
44) Trichloroethene	7.21	130	42281	18.791	ug/l	96
45) 1,2-Dichloropropane	7.51	63	52551	19.058	ug/l	98
46) Dibromomethane	7.66	93	29139	18.220	ug/l	99
47) Bromodichloromethane	7.90	83	57177	18.961	ug/l	98
48) Methyl methacrylate	7.77	41	65688	19.151	ug/l	98
49) 1,4-Dioxane	7.74	88	25690	399.818	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	430184	98.553	ug/l	100
52) Toluene	8.78	92	109881	19.292	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	64731	19.164	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	72564	18.801	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	43980	19.237	ug/l	98
56) Ethyl methacrylate	9.18	69	82651	19.980	ug/l	99
57) 1,3-Dichloropropane	9.37	76	79915	19.466	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	203141	96.174	ug/l	100
59) 2-Hexanone	9.49	43	336059	99.067	ug/l	100
60) Dibromochloromethane	9.58	129	42202	19.589	ug/l	99
61) 1,2-Dibromoethane	9.67	107	45474	19.106	ug/l	97
64) Tetrachloroethene	9.34	164	36807	18.795	ug/l	97
65) Chlorobenzene	10.13	112	111883	19.096	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	39191	19.067	ug/l	99
67) Ethyl Benzene	10.25	91	208158	19.053	ug/l	100
68) m/p-Xylenes	10.36	106	152204	38.747	ug/l	99
69) o-Xylene	10.69	106	74042	19.450	ug/l	99
70) Styrene	10.71	104	128921	19.646	ug/l	100
71) Bromoform	10.85	173	30141	19.200	ug/l #	98
73) Isopropylbenzene	11.02	105	196424	19.241	ug/l	100
74) N-amyl acetate	10.90	43	117417	19.550	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	74105	19.087	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	83113	24.561	ug/l	82
77) Bromobenzene	11.26	156	47915	19.524	ug/l	97
78) n-propylbenzene	11.36	91	225720	18.990	ug/l	100
79) 2-Chlorotoluene	11.42	91	136832	19.023	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	166435	19.423	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22632	18.436	ug/l	96
82) 4-Chlorotoluene	11.51	91	155429	18.667	ug/l	98
83) tert-Butylbenzene	11.77	119	157236	19.073	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	168322	19.399	ug/l	100
85) sec-Butylbenzene	11.94	105	190788	19.483	ug/l	99
86) p-Isopropyltoluene	12.06	119	170275	19.373	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	83576	19.023	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	82897	18.634	ug/l	98
89) n-Butylbenzene	12.38	91	157197	19.071	ug/l	99
90) Hexachloroethane	12.60	117	27052	18.557	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	84141	19.289	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15772	18.467	ug/l	99

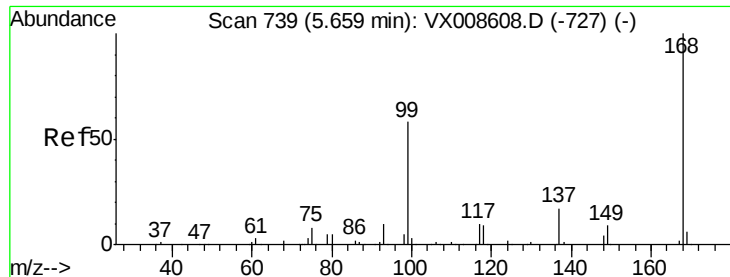
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040519\
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QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	58114	19.161	ug/l	99
94) Hexachlorobutadiene	13.78	225	28566	19.639	ug/l	100
95) Naphthalene	13.83	128	194020	19.140	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	57985	19.135	ug/l	98

(#) = 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: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

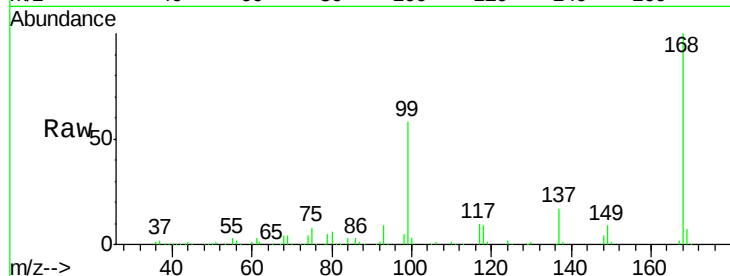
VX0405WBS02

Tot Ion:168 Resp: 178509

Ion Ratio Lower Upper

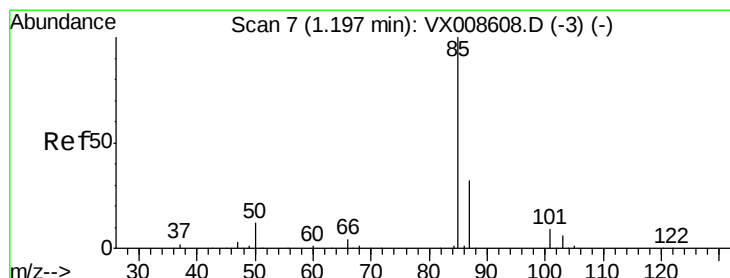
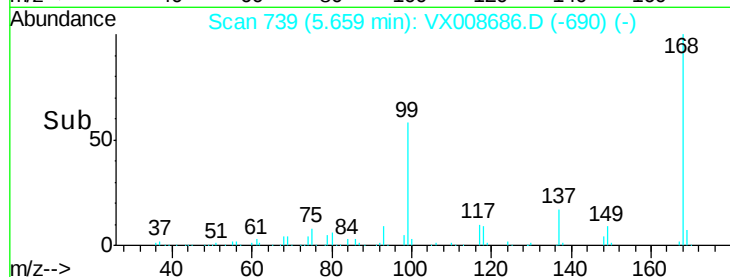
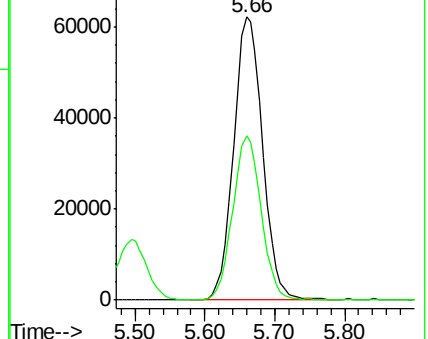
168 100

99 57.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.139 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008686.D

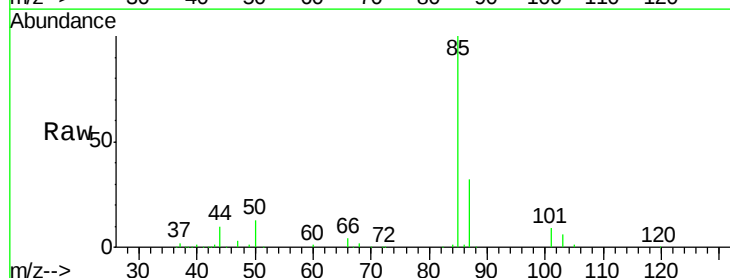
Acq: 05 Apr 2019 17:00

Tgt Ion: 85 Resp: 37271

Ion Ratio Lower Upper

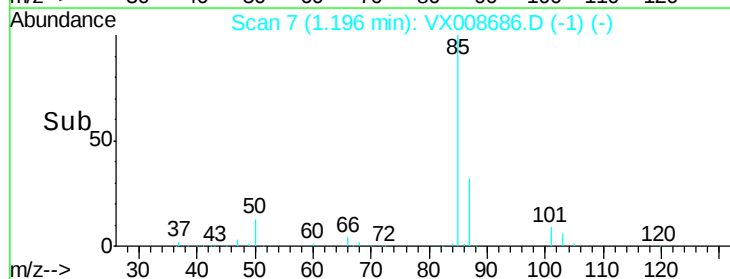
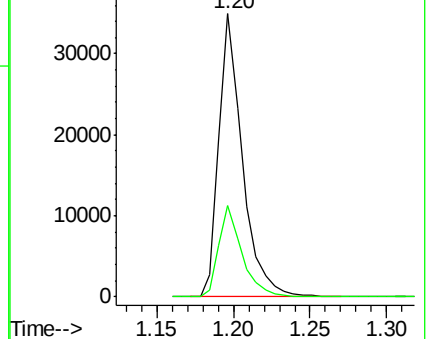
85 100

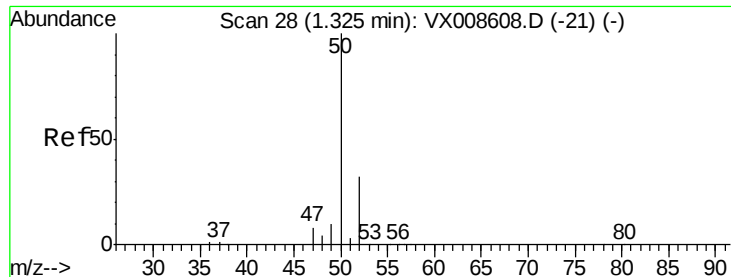
87 32.4 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.985 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampled :

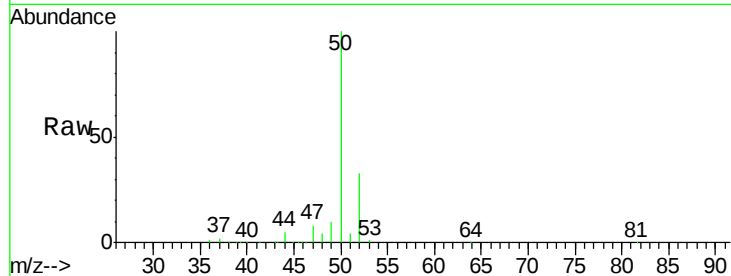
VX0405WBS02

Tot Ion: 50 Resp: 52881

Ion Ratio Lower Upper

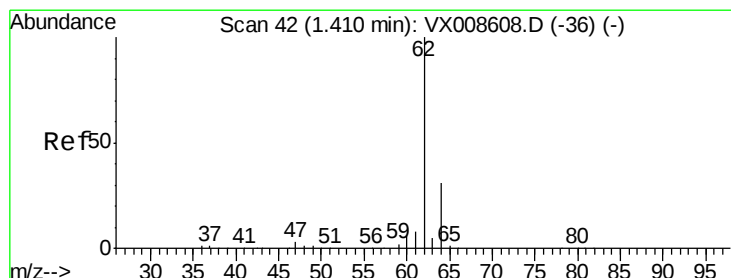
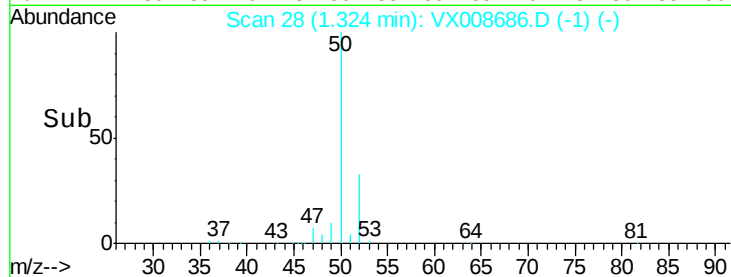
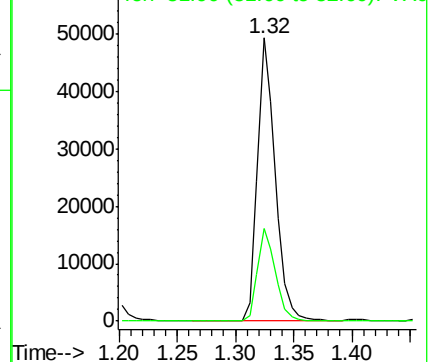
50 100

52 32.8 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.337 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008686.D

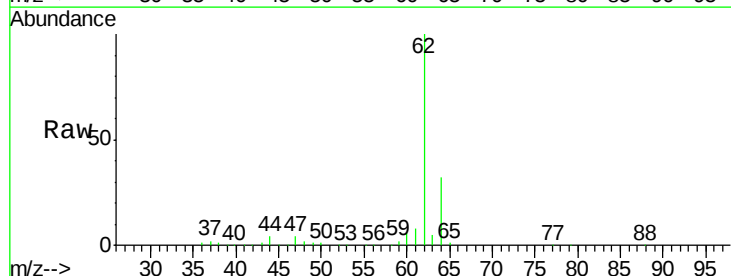
Acq: 05 Apr 2019 17:00

Tgt Ion: 62 Resp: 50934

Ion Ratio Lower Upper

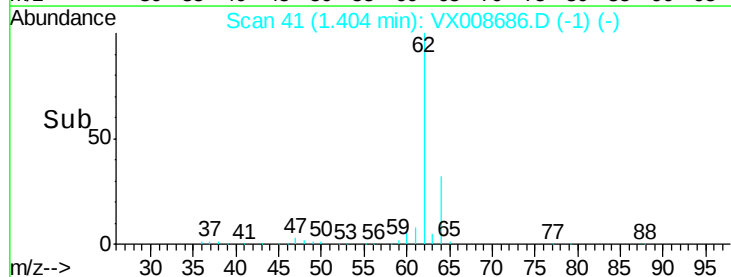
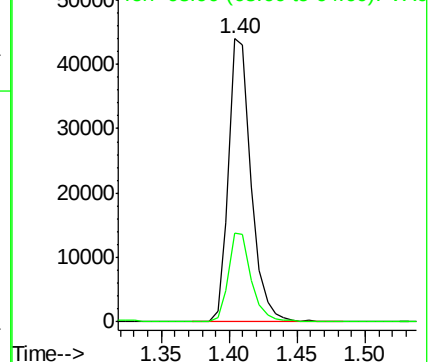
62 100

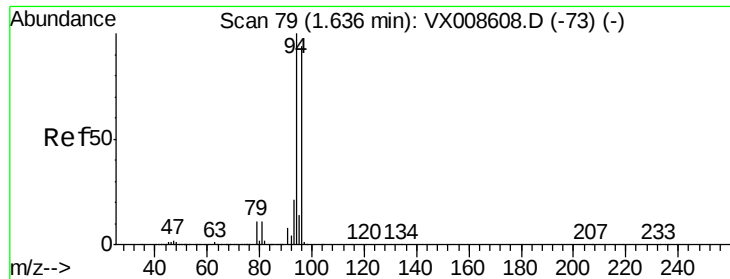
64 31.4 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.551 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

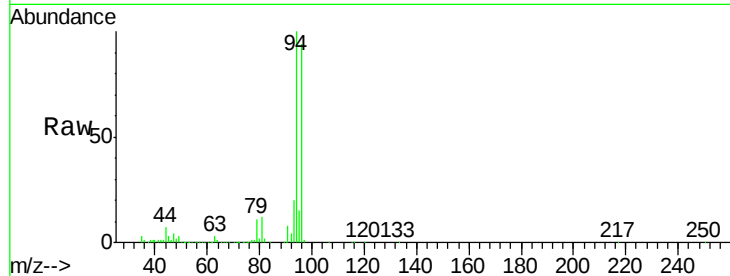
VX0405WBS02

Tot Ion: 94 Resp: 23697

Ion Ratio Lower Upper

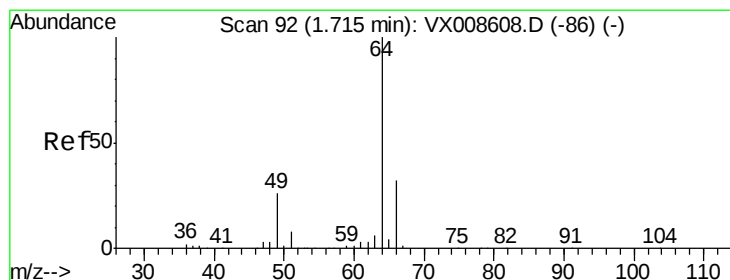
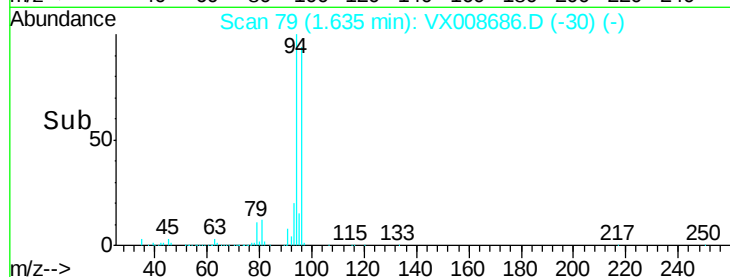
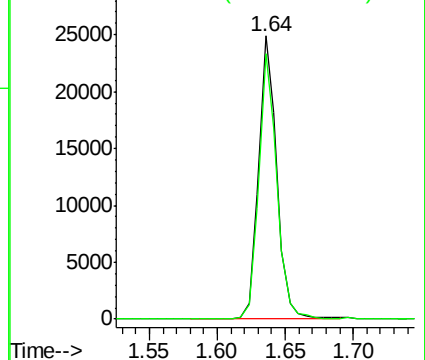
94 100

96 93.8 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.426 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008686.D

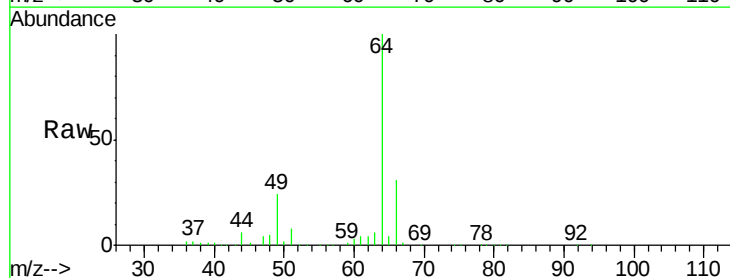
Acq: 05 Apr 2019 17:00

Tgt Ion: 64 Resp: 32277

Ion Ratio Lower Upper

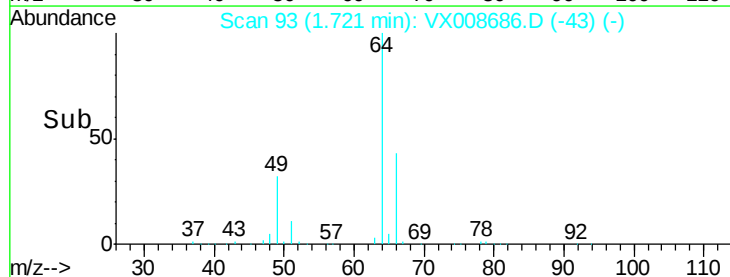
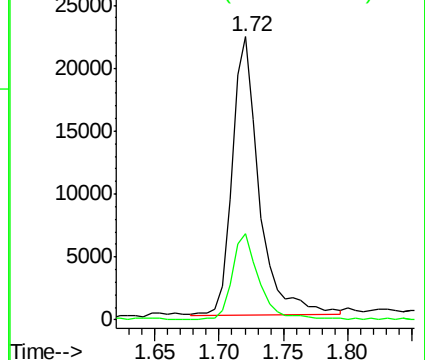
64 100

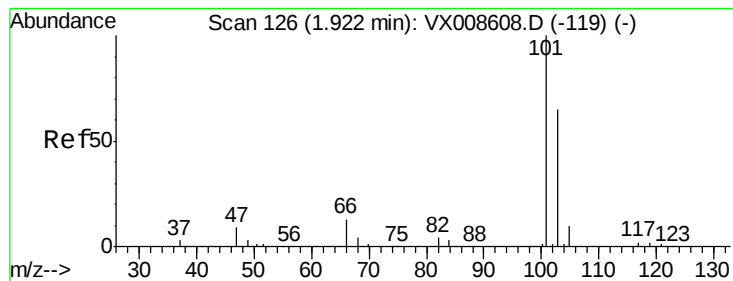
66 31.4 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



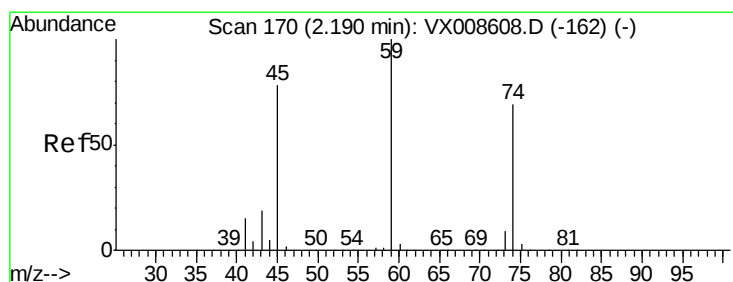
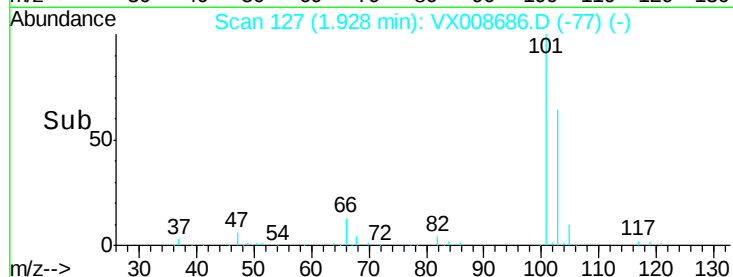
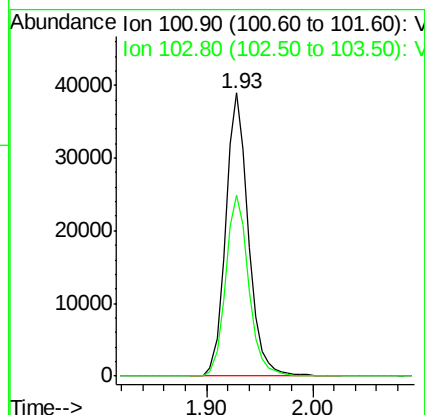
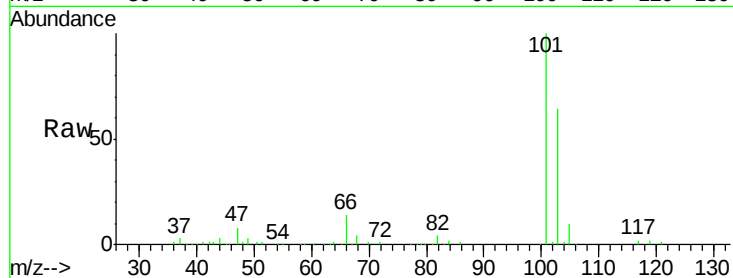


#7

Trichlorofluoromethane
Concen: 18.878 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS02

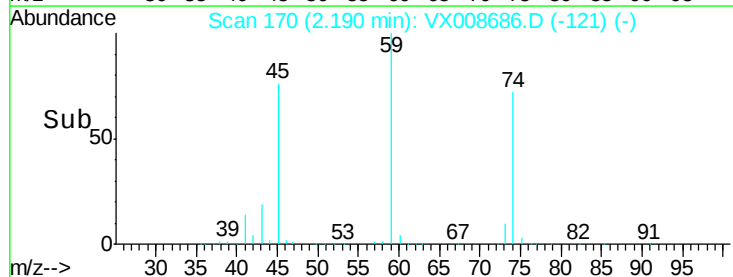
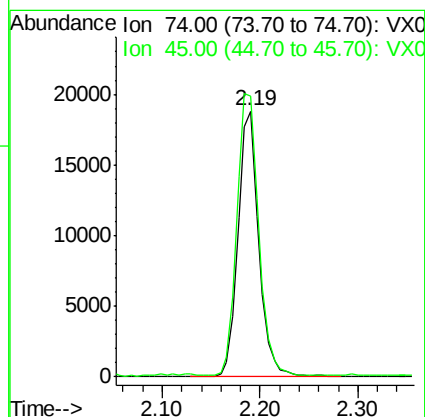
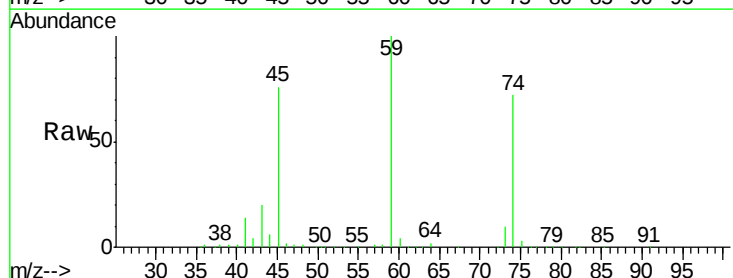
Tot Ion:101 Resp: 57965
Ion Ratio Lower Upper
101 100
103 64.2 52.3 78.5

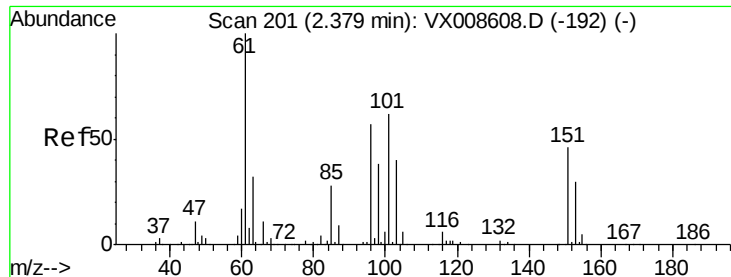


#8

Diethyl Ether
Concen: 18.992 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

Tgt Ion: 74 Resp: 27655
Ion Ratio Lower Upper
74 100
45 111.9 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.604 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBS02

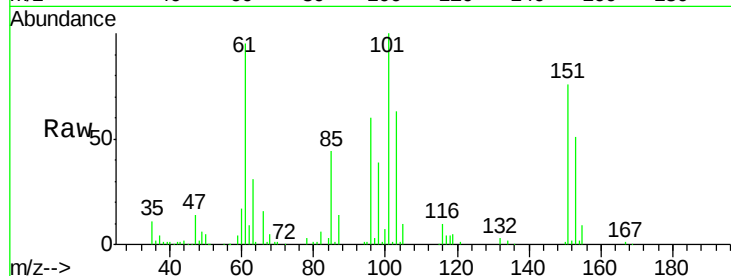
Tot Ion:101 Resp: 36778

Ion Ratio Lower Upper

101 100

85 44.2 36.0 54.0

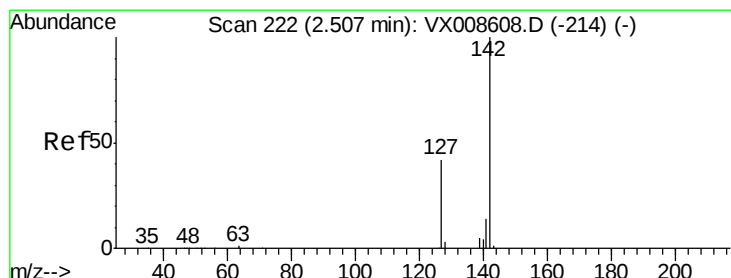
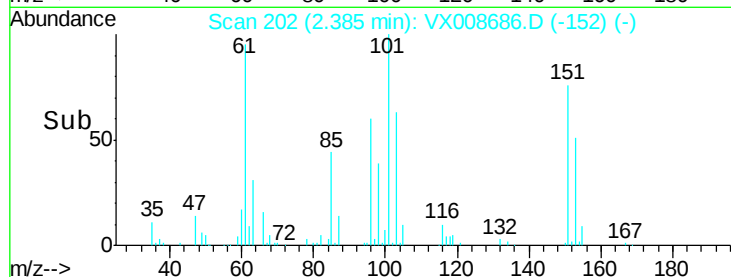
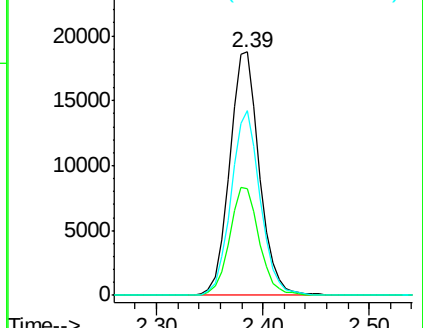
151 74.7 59.9 89.9



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: 17.183 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

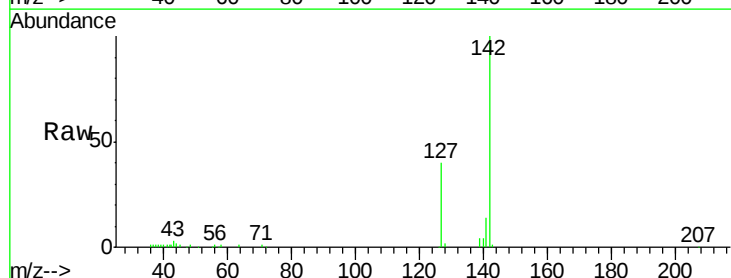
Tgt Ion:142 Resp: 25795

Ion Ratio Lower Upper

142 100

127 40.0 33.0 49.6

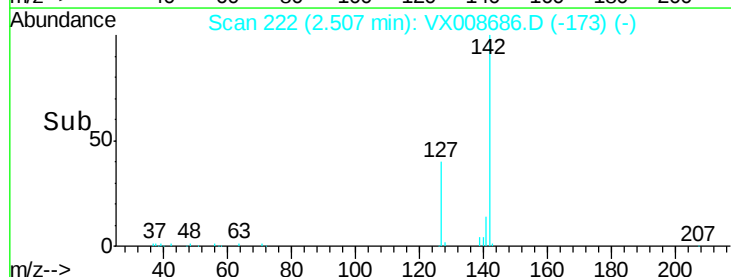
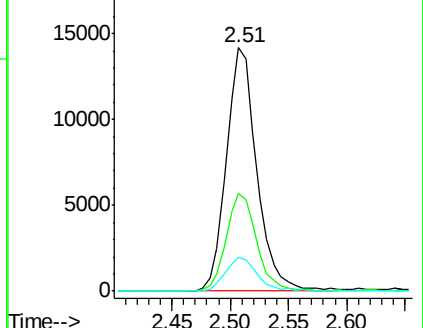
141 14.4 11.4 17.2

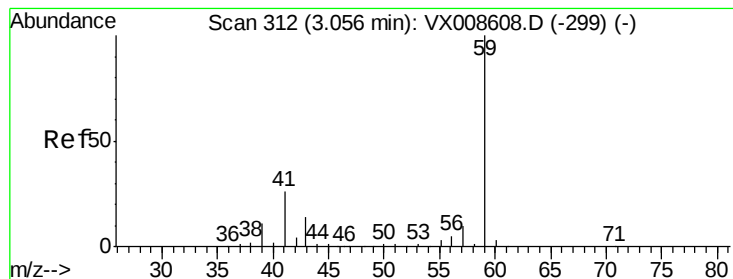


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



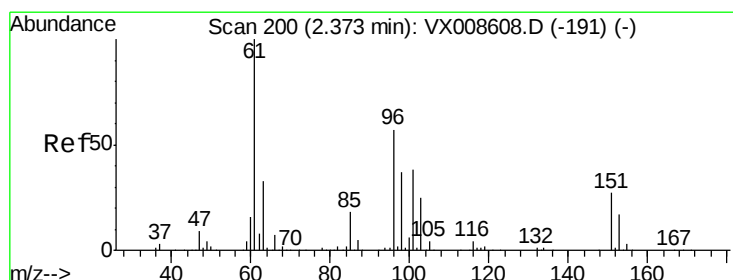
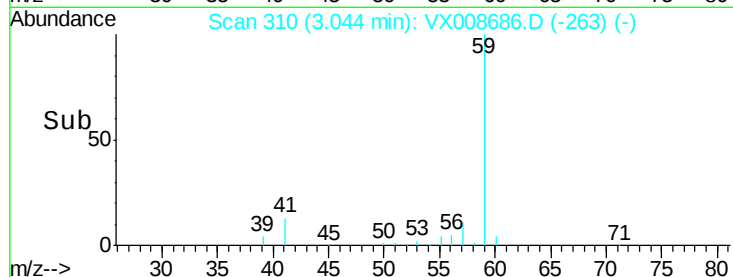
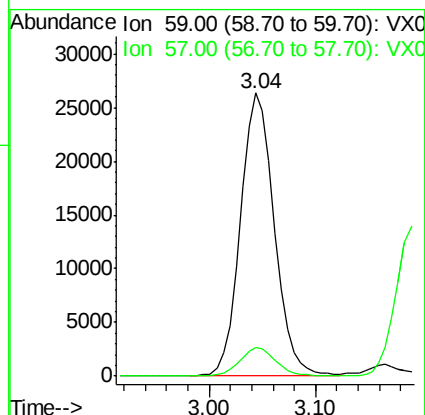
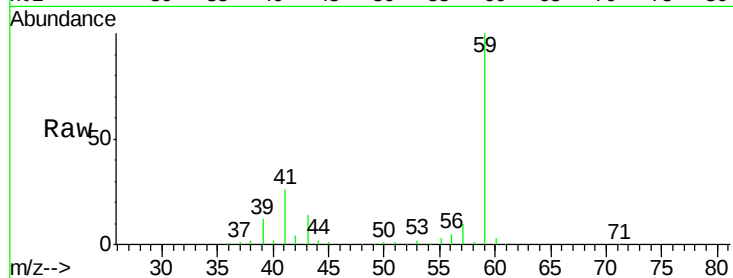


#11

Tert butyl alcohol
 Concen: 97.009 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008686.D
 Acq: 05 Apr 2019 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS02

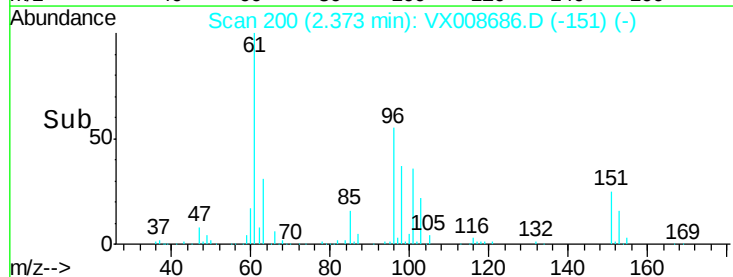
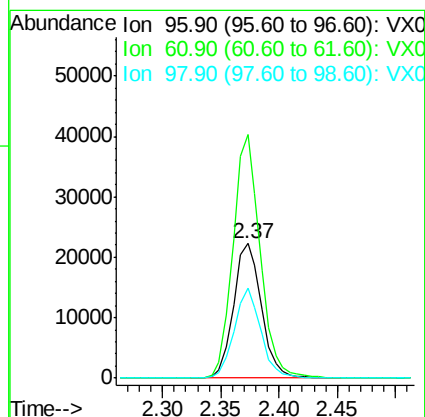
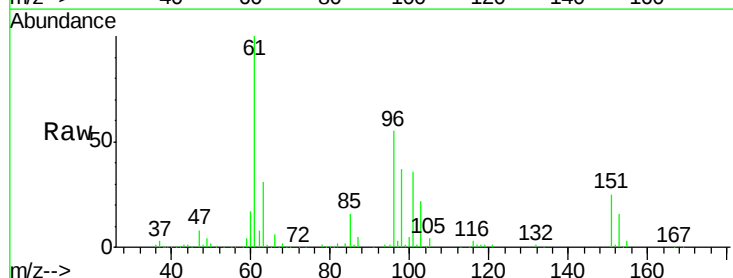
Tot Ion: 59 Resp: 59132
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.3 12.5

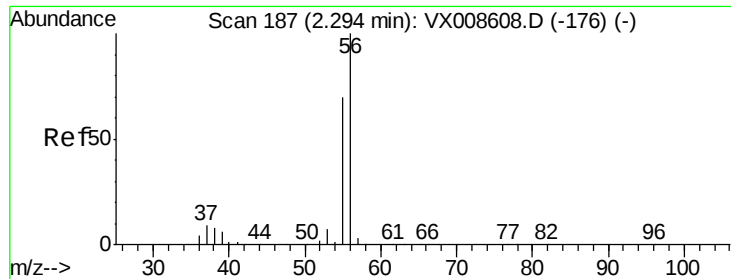


#12

1,1-Dichloroethene
 Concen: 18.050 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008686.D
 Acq: 05 Apr 2019 17:00

Tgt Ion: 96 Resp: 37251
 Ion Ratio Lower Upper
 96 100
 61 180.8 140.9 211.3
 98 66.9 52.1 78.1





#13

Acrolein

Concen: 147.085 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

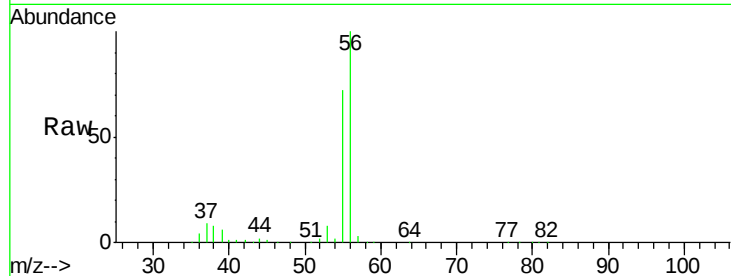
VX0405WBS02

Tot Ion: 56 Resp: 44456

Ion Ratio Lower Upper

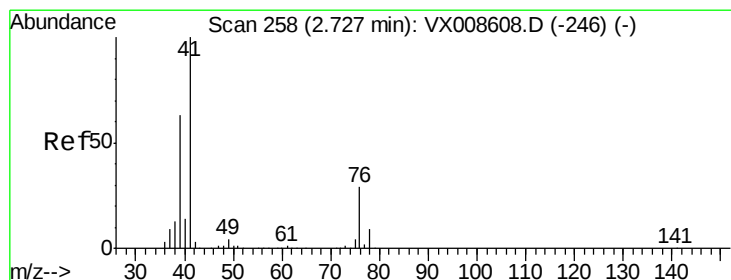
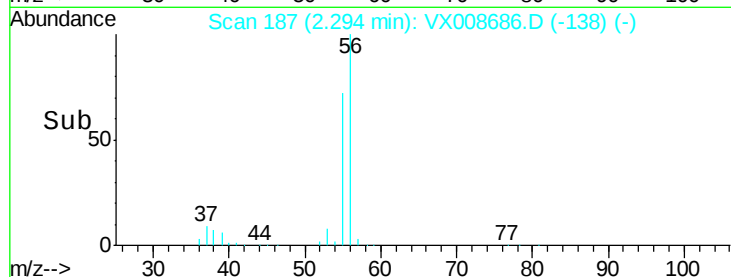
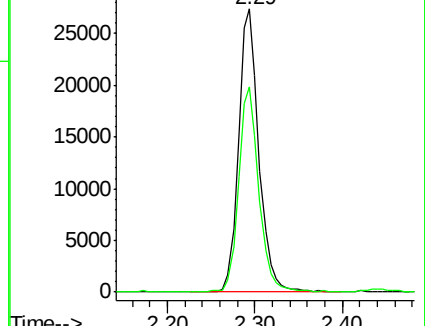
56 100

55 72.1 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.763 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

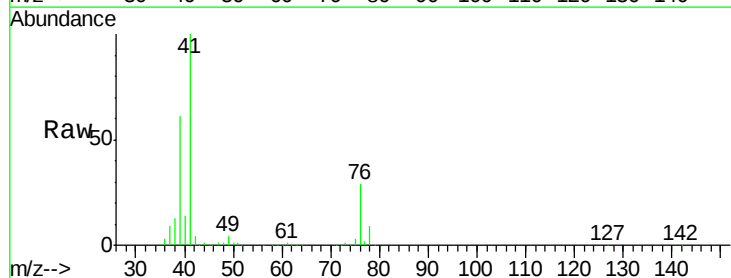
Tgt Ion: 41 Resp: 88642

Ion Ratio Lower Upper

41 100

39 59.3 48.0 72.0

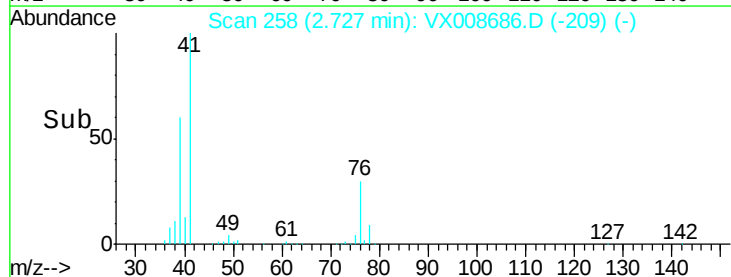
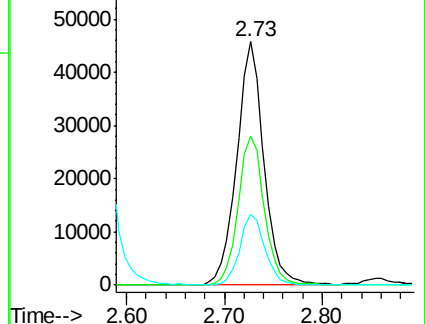
76 26.9 22.0 33.0

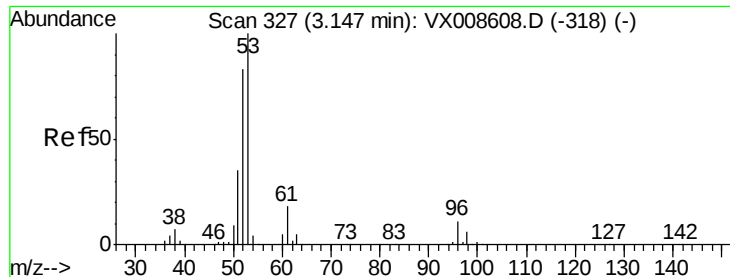


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 93.046 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBS02

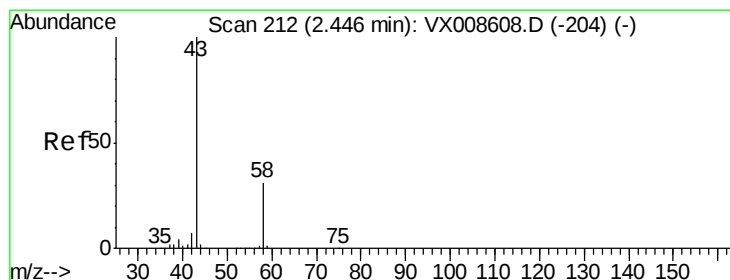
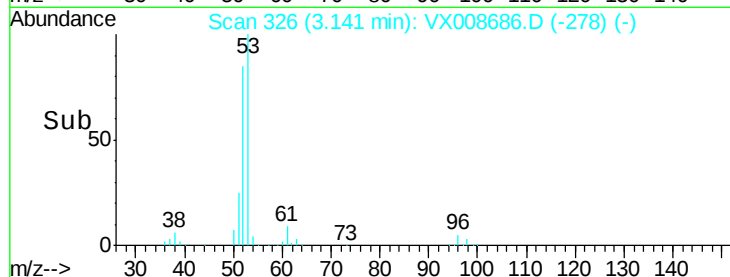
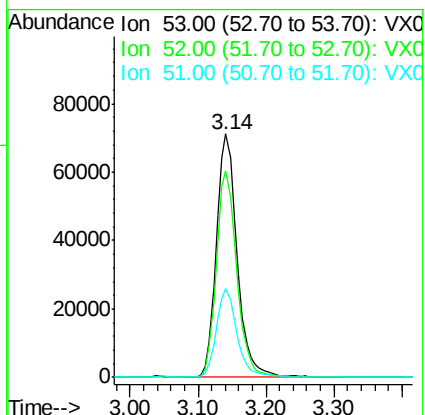
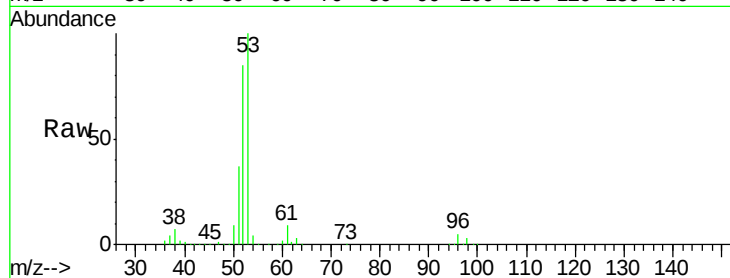
Tot Ion: 53 Resp: 150250

Ion Ratio Lower Upper

53 100

52 84.2 66.5 99.7

51 36.6 28.6 42.8



#16

Acetone

Concen: 93.345 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008686.D

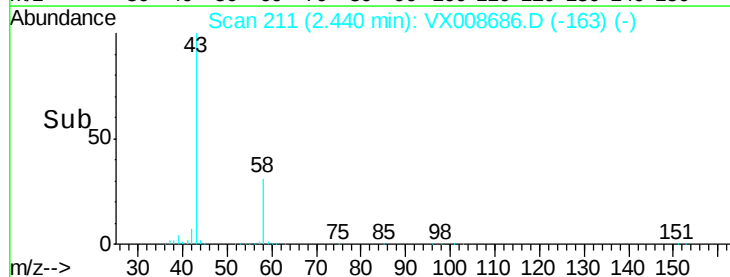
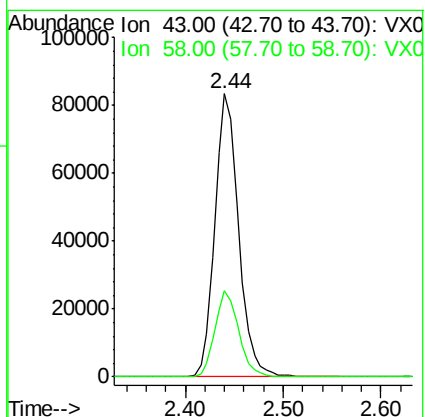
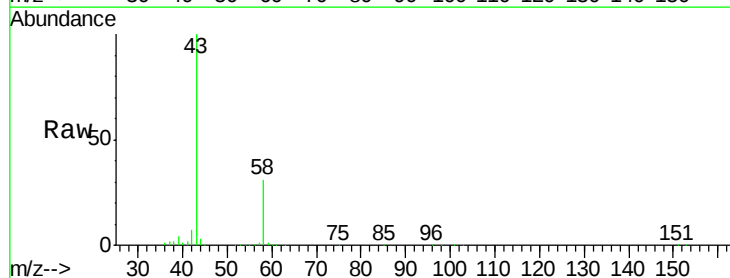
Acq: 05 Apr 2019 17:00

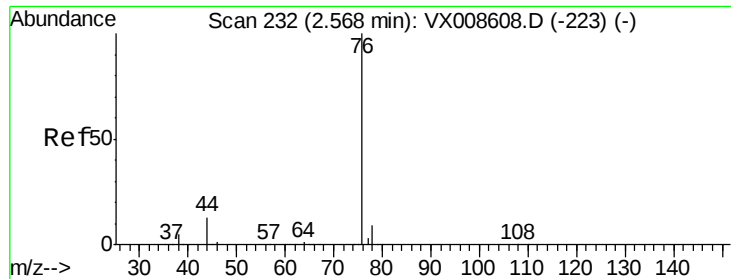
Tgt Ion: 43 Resp: 139983

Ion Ratio Lower Upper

43 100

58 30.5 24.8 37.2

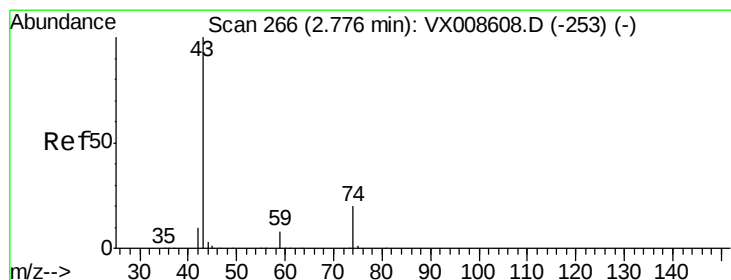
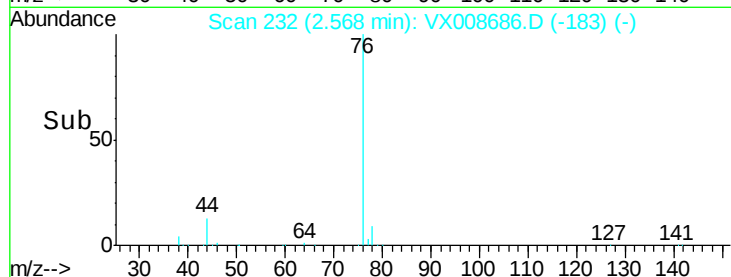
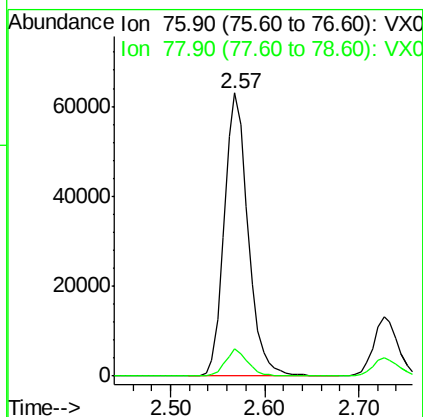
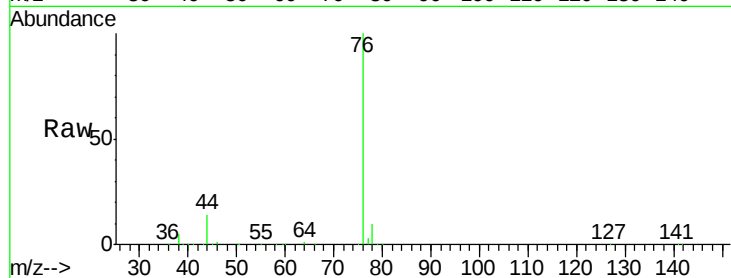




#17
Carbon Disulfide
Concen: 18.100 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

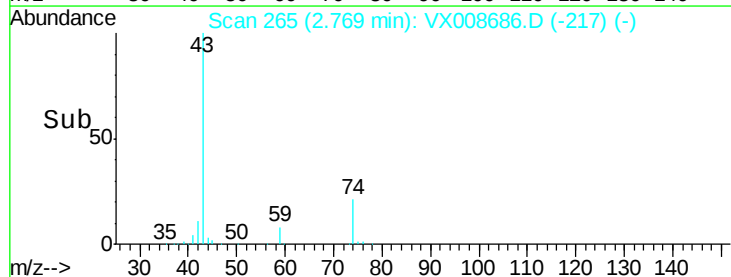
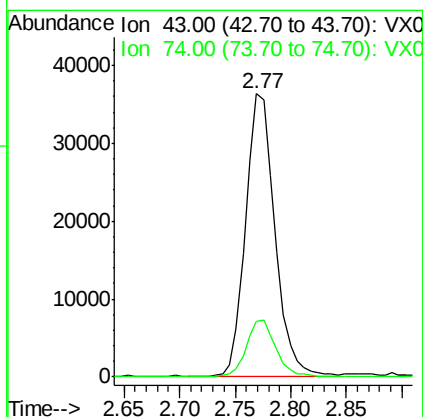
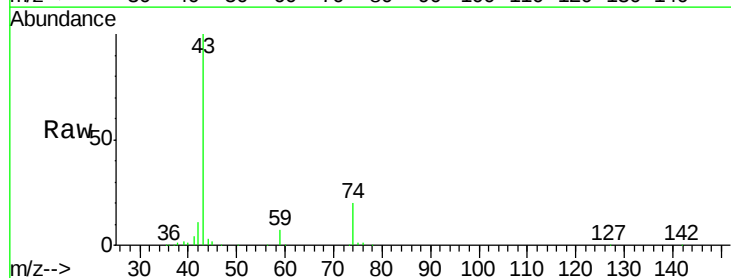
Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS02

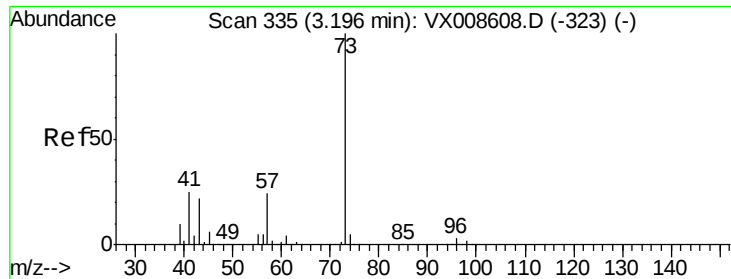
Tot Ion: 76 Resp: 110680
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 18.309 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

Tgt Ion: 43 Resp: 66590
Ion Ratio Lower Upper
43 100
74 20.6 16.5 24.7

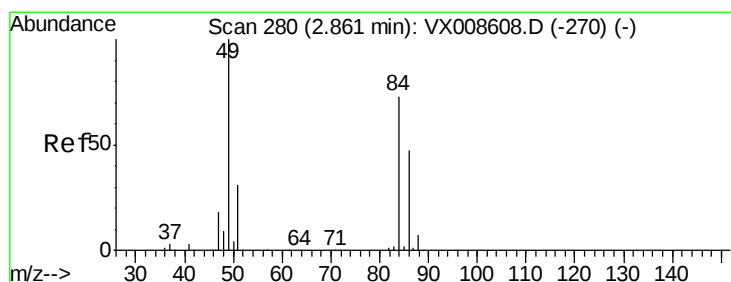
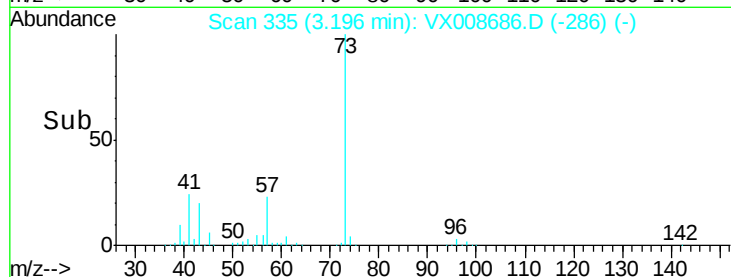
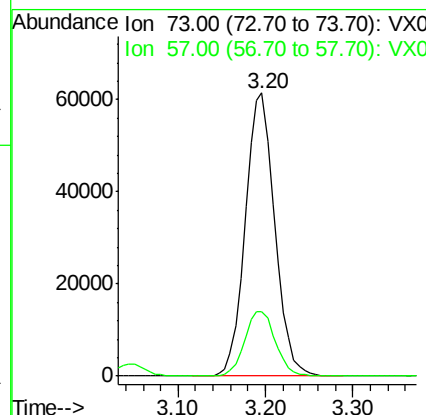
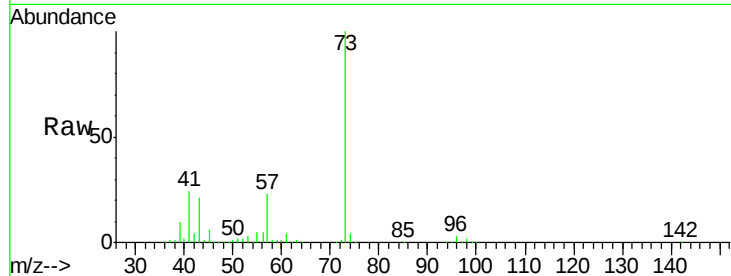




#19
Methyl tert-butyl Ether
Concen: 19.445 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

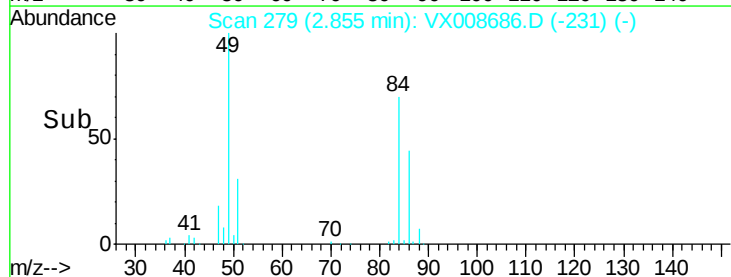
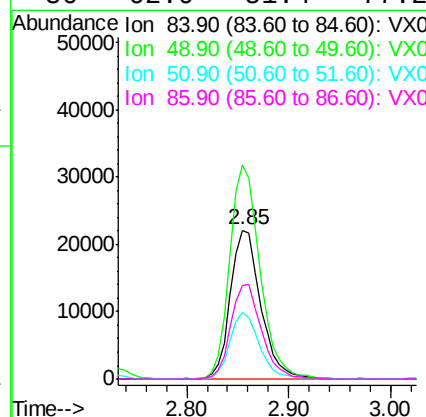
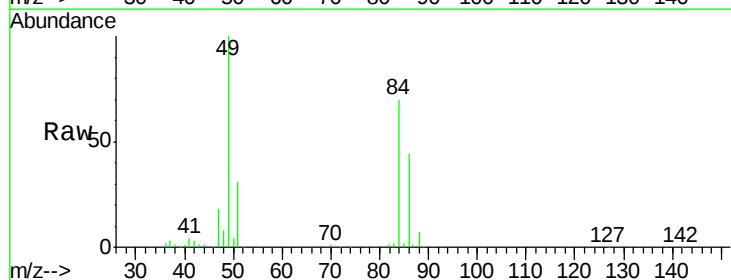
Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS02

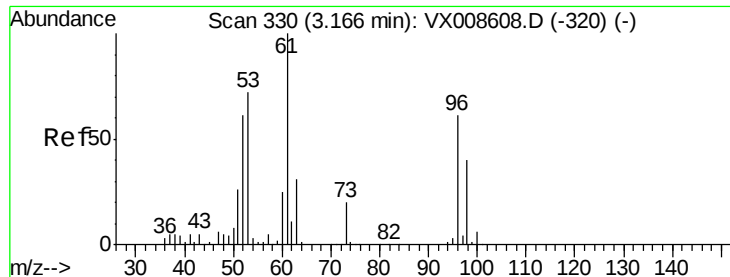
Tot Ion: 73 Resp: 143312
Ion Ratio Lower Upper
73 100
57 23.0 19.5 29.3



#20
Methylene Chloride
Concen: 18.163 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

Tgt Ion: 84 Resp: 45592
Ion Ratio Lower Upper
84 100
49 143.2 109.7 164.5
51 44.3 33.6 50.4
86 62.9 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 18.289 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBS02

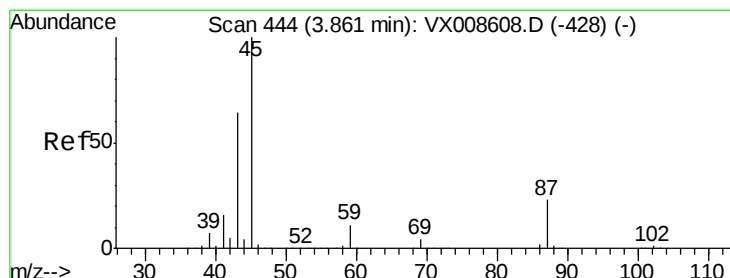
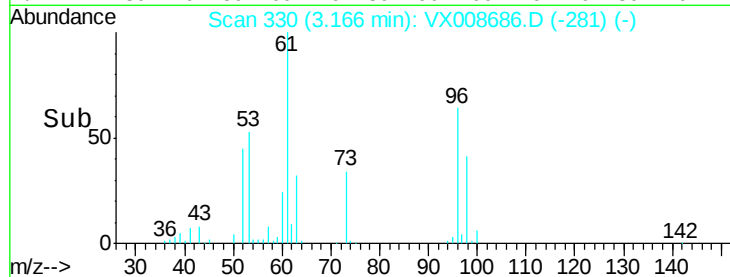
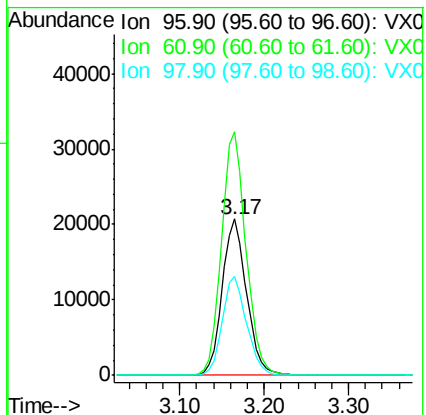
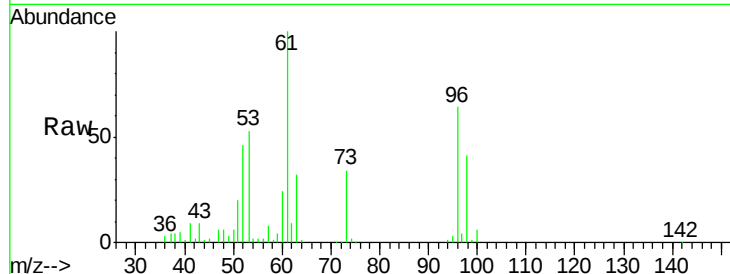
Tot Ion: 96 Resp: 40825

Ion Ratio Lower Upper

96 100

61 155.9 132.1 198.1

98 63.6 52.2 78.2



#22

Diisopropyl ether

Concen: 19.006 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Tgt Ion: 45 Resp: 173063

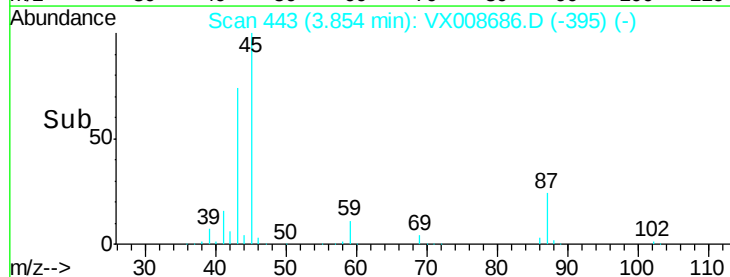
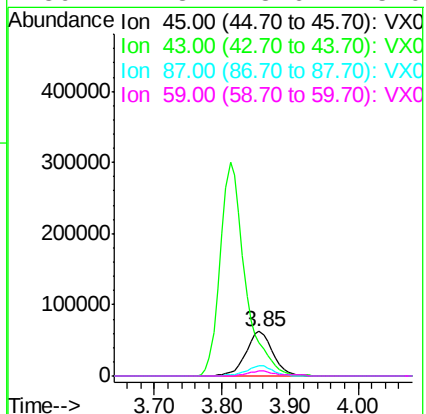
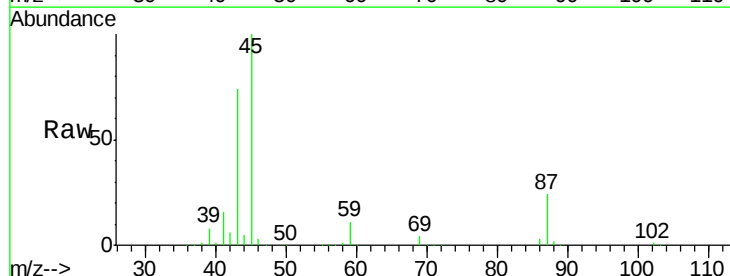
Ion Ratio Lower Upper

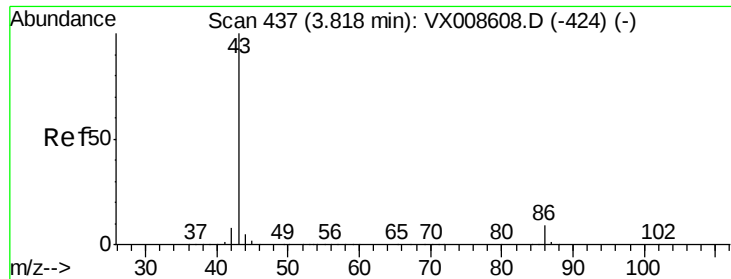
45 100

43 73.7 51.3 76.9

87 23.6 18.1 27.1

59 11.3 8.6 13.0





#23

Vinyl Acetate

Concen: 96.754 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

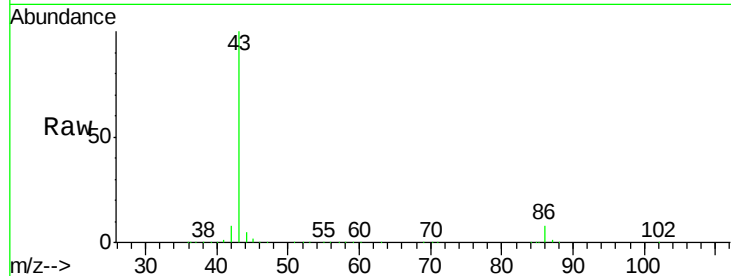
VX0405WBS02

Tot Ion: 43 Resp: 766428

Ion Ratio Lower Upper

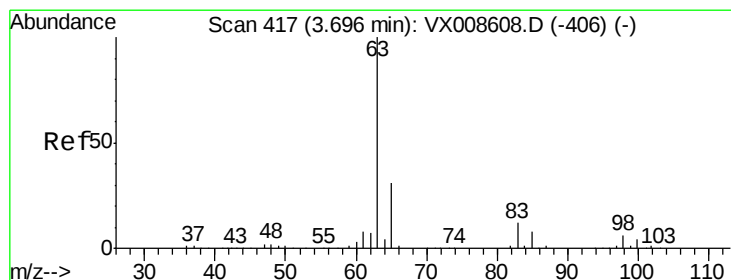
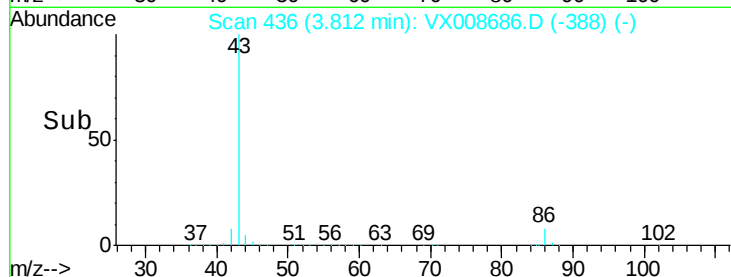
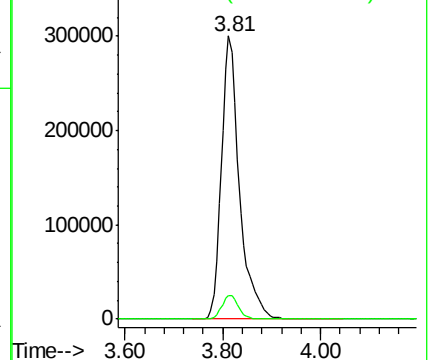
43 100

86 8.4 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.899 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

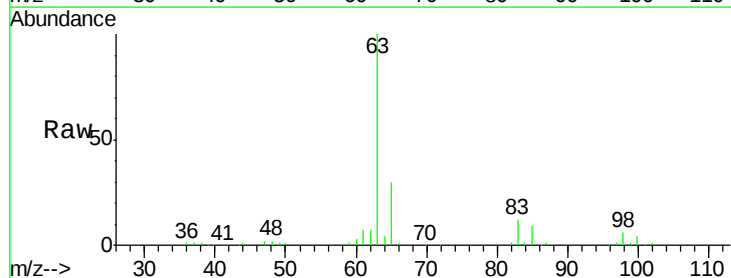
Tgt Ion: 63 Resp: 85205

Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.4

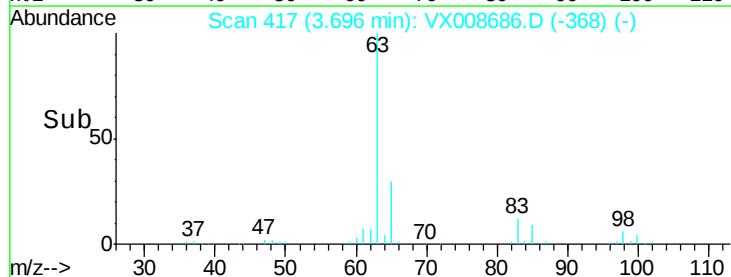
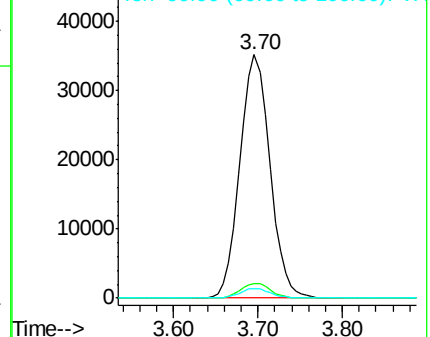
100 4.0 1.8 5.5

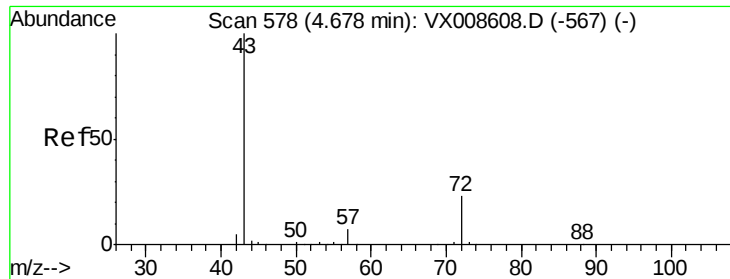


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 95.213 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

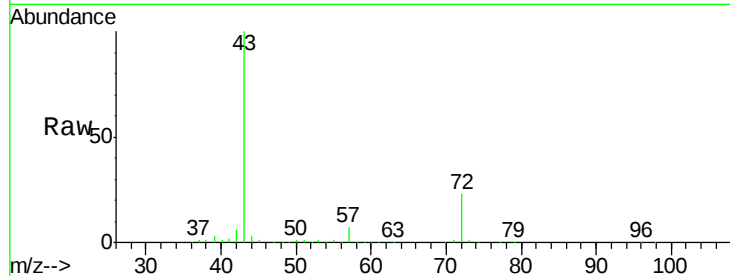
VX0405WBS02

Tot Ion: 43 Resp: 225674

Ion Ratio Lower Upper

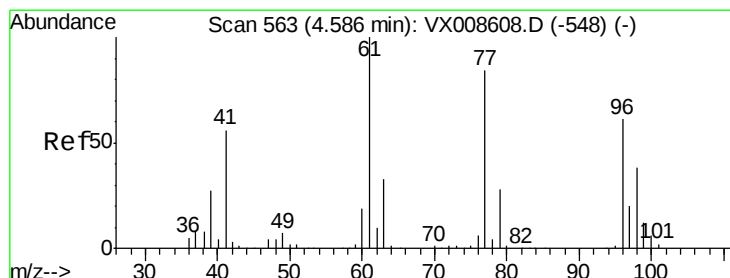
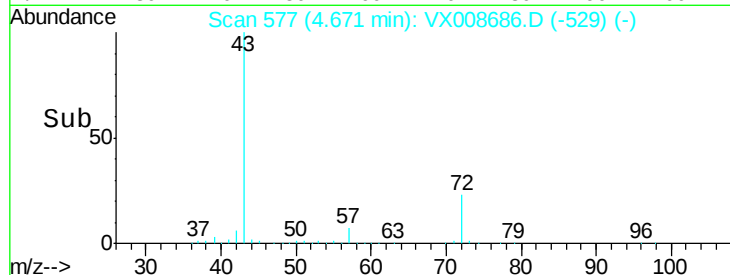
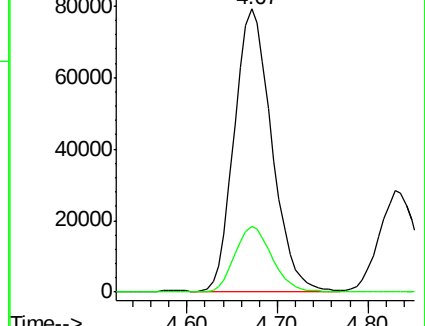
43 100

72 23.0 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.752 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008686.D

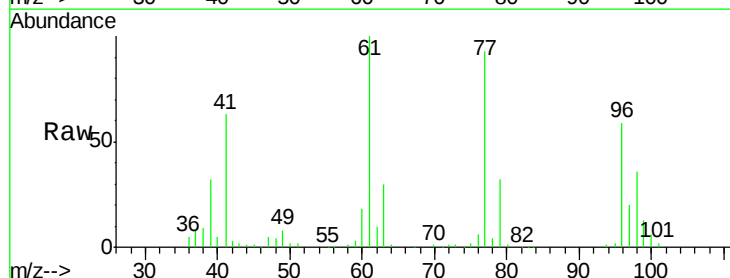
Acq: 05 Apr 2019 17:00

Tgt Ion: 77 Resp: 59543

Ion Ratio Lower Upper

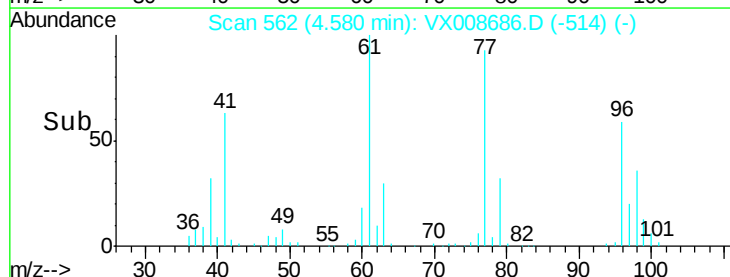
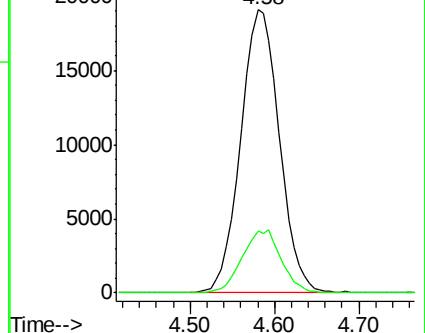
77 100

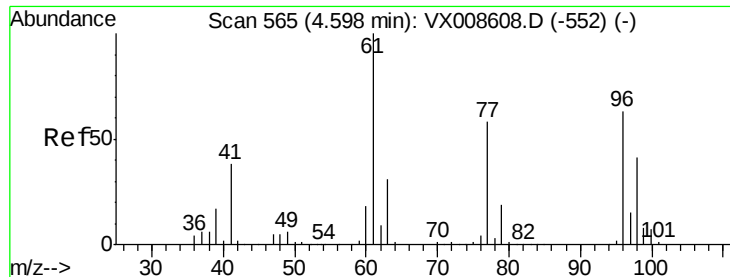
97 22.4 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



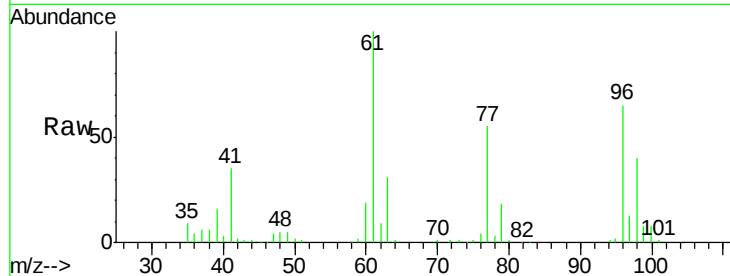


#27

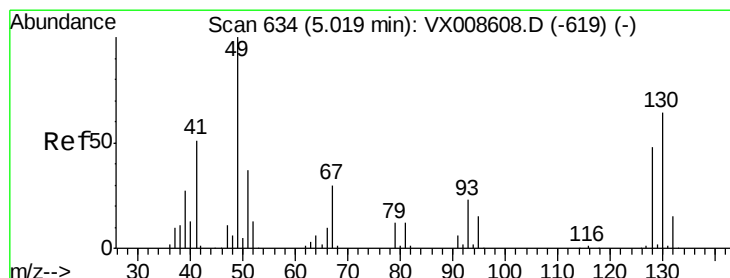
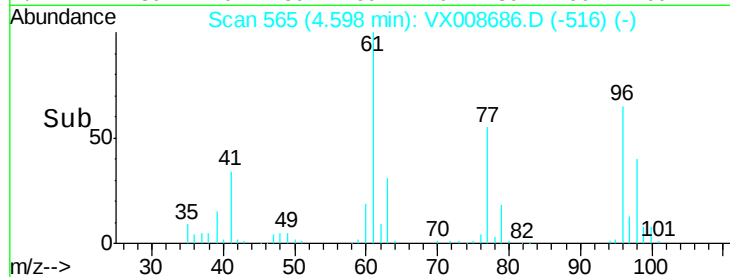
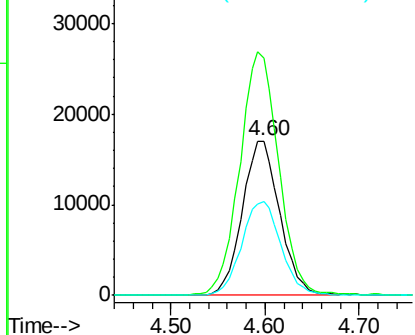
cis-1,2-Dichloroethene
Concen: 18.487 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS02

Tot Ion: 96 Resp: 47445
Ion Ratio Lower Upper
96 100
61 164.2 0.0 327.6
98 63.7 0.0 128.6



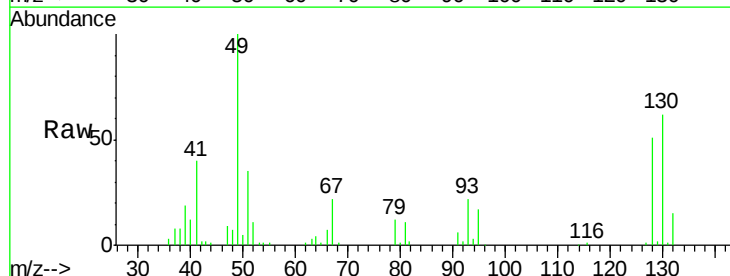
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



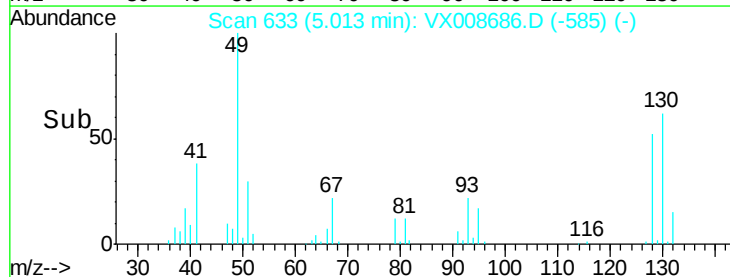
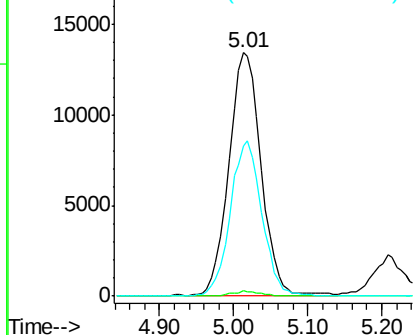
#28

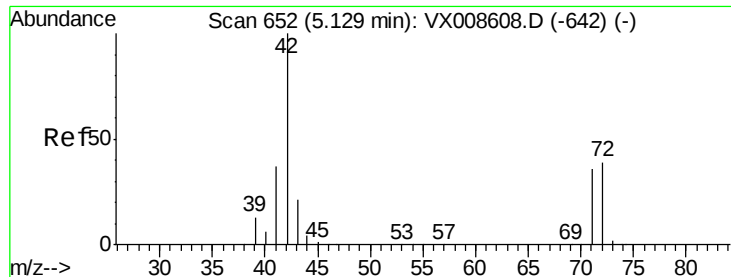
Bromochloromethane
Concen: 19.929 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

Tgt Ion: 49 Resp: 40959
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 61.9 49.3 73.9



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





#29

Tetrahydrofuran

Concen: 93.494 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBS02

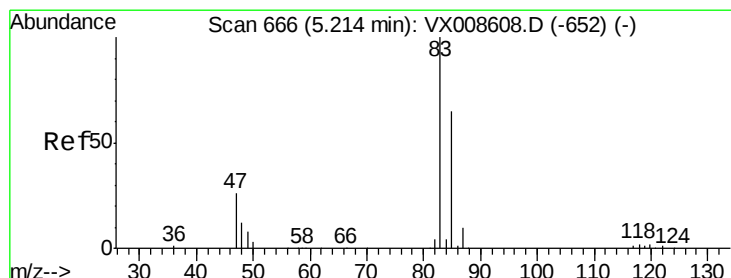
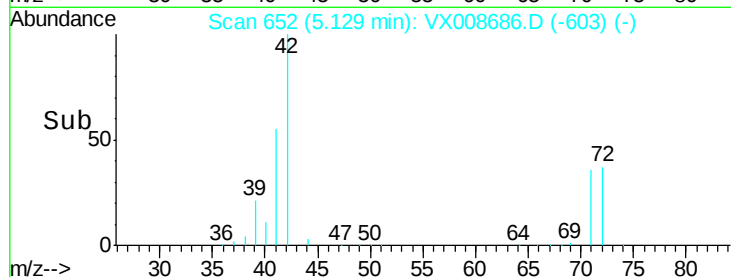
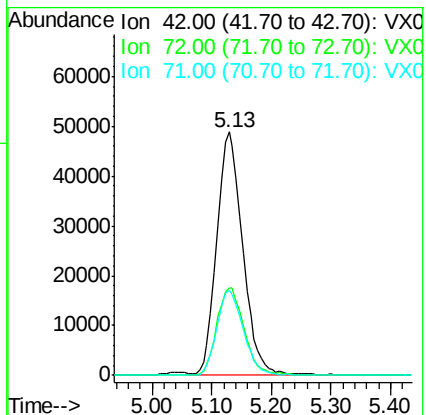
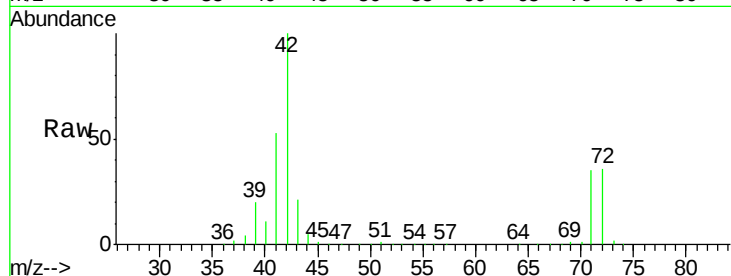
Tot Ion: 42 Resp: 147081

Ion Ratio Lower Upper

42 100

72 38.3 30.5 45.7

71 35.7 28.6 43.0



#30

Chloroform

Concen: 19.097 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX008686.D

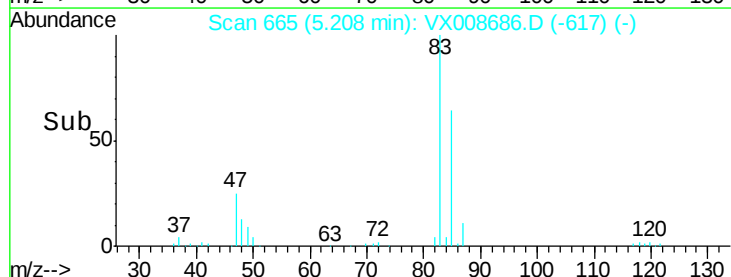
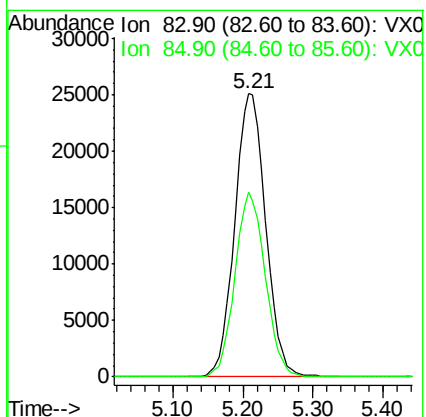
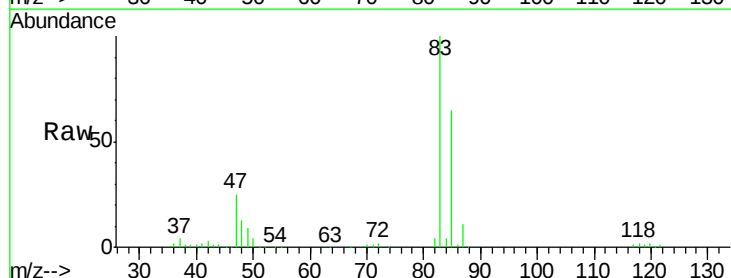
Acq: 05 Apr 2019 17:00

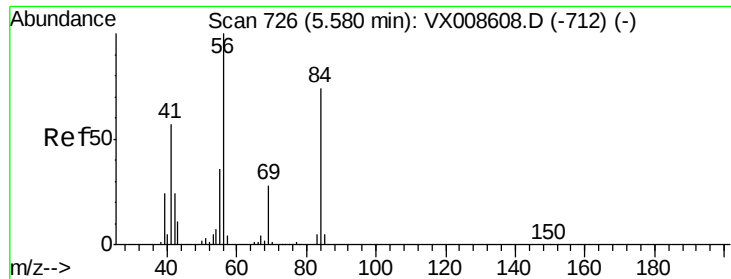
Tgt Ion: 83 Resp: 76897

Ion Ratio Lower Upper

83 100

85 65.3 52.1 78.1

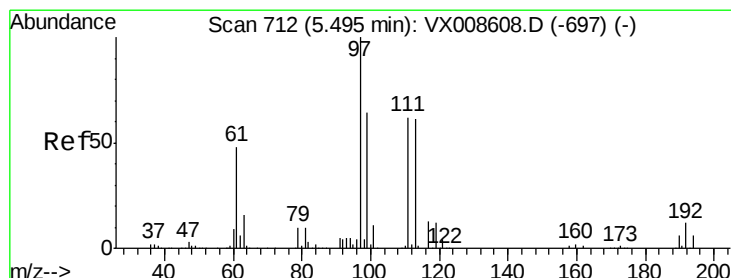
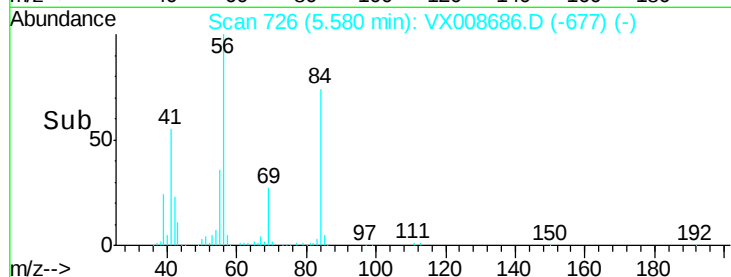
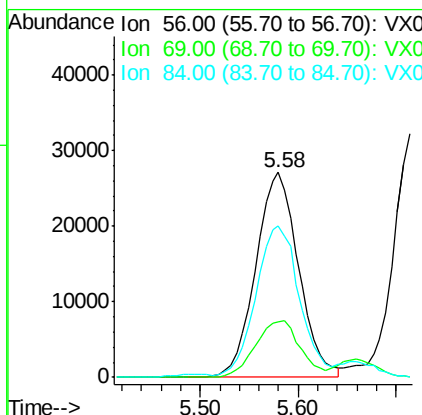
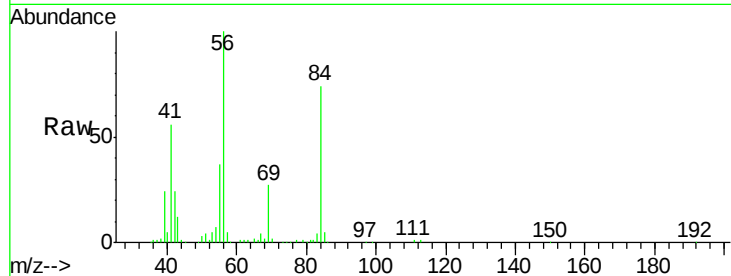




#31
Cyclohexane
Concen: 18.320 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

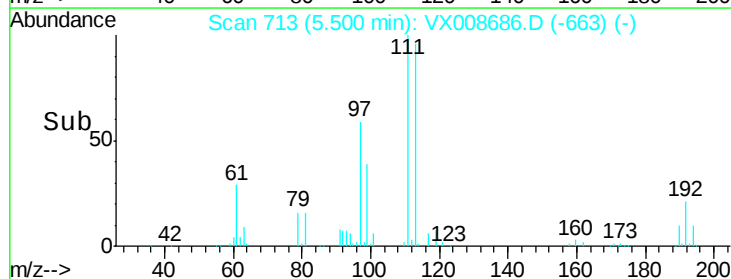
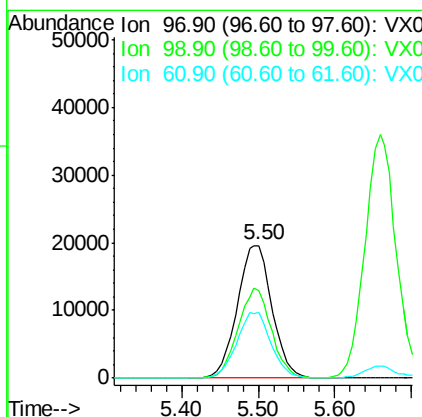
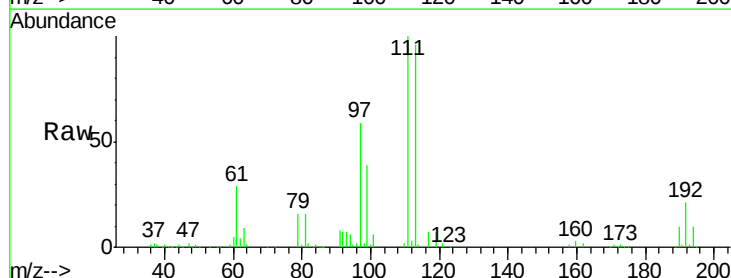
Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS02

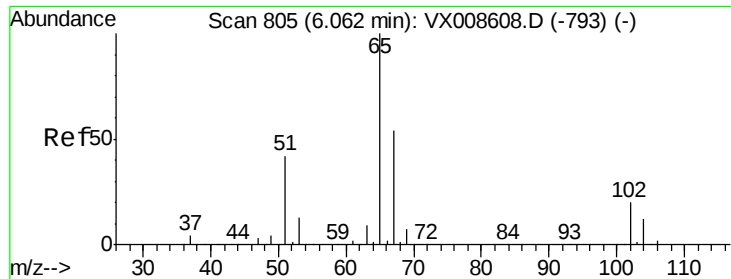
Tot Ion: 56 Resp: 82415
Ion Ratio Lower Upper
56 100
69 27.0 22.6 33.8
84 72.5 59.3 88.9



#32
1,1,1-Trichloroethane
Concen: 18.908 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

Tgt Ion: 97 Resp: 61526
Ion Ratio Lower Upper
97 100
99 65.2 51.3 76.9
61 49.2 38.9 58.3





#33

1,2-Dichloroethane-d4

Concen: 48.356 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

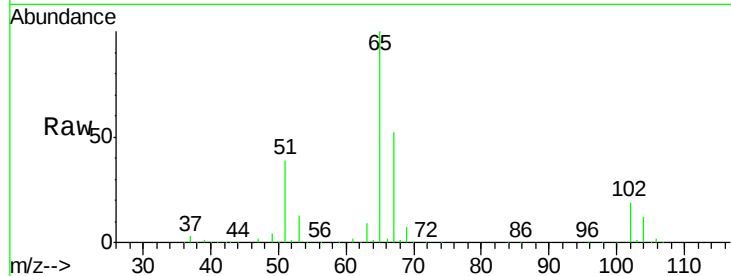
VX0405WBS02

Tot Ion: 65 Resp: 125902

Ion Ratio Lower Upper

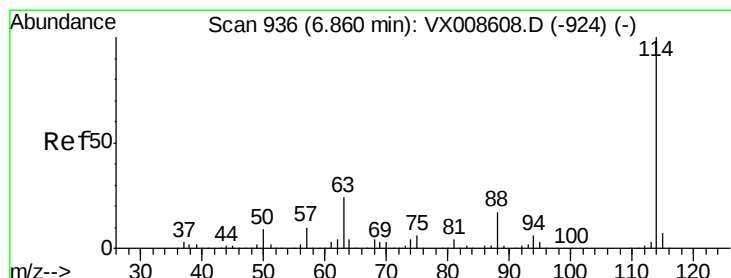
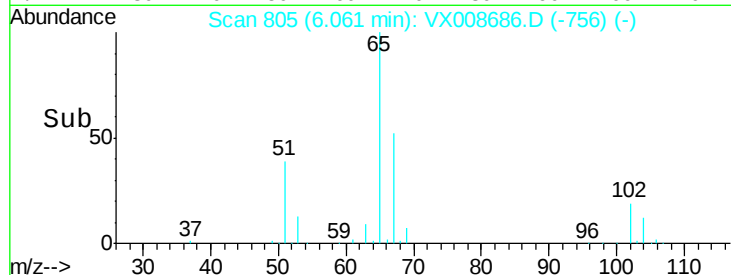
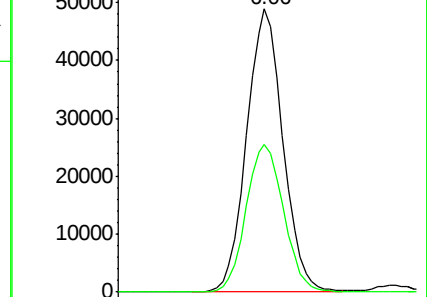
65 100

67 54.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

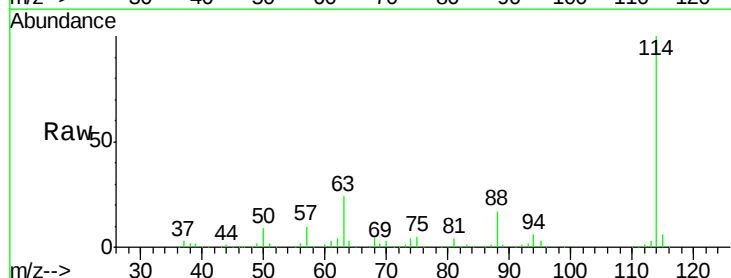
Tgt Ion: 114 Resp: 296669

Ion Ratio Lower Upper

114 100

63 23.6 0.0 47.2

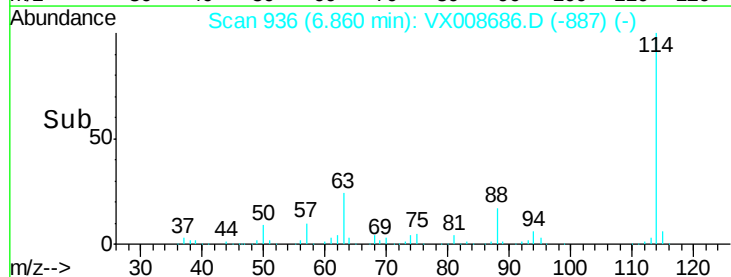
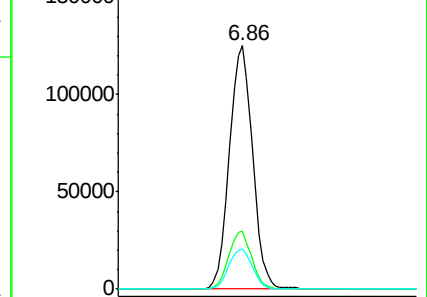
88 16.7 0.0 34.0

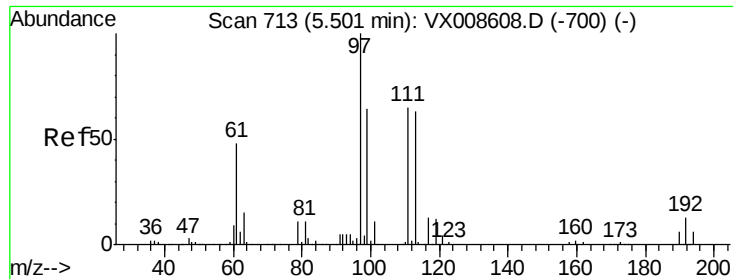


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

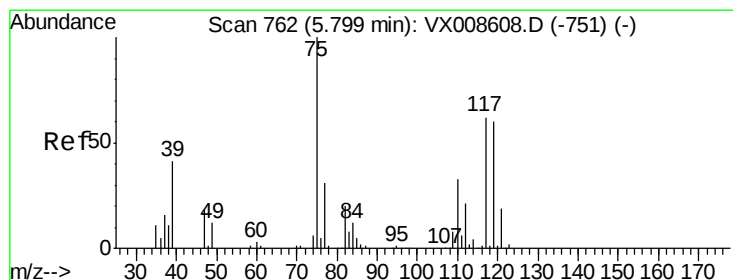
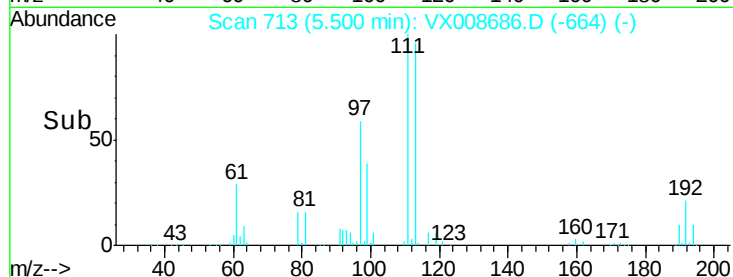
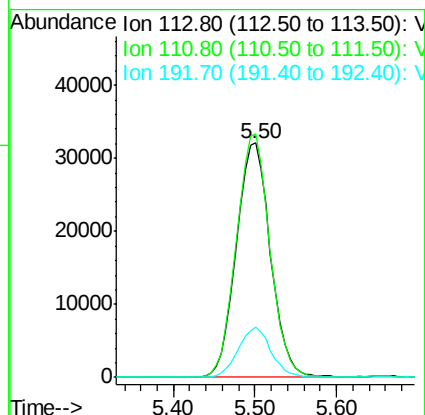
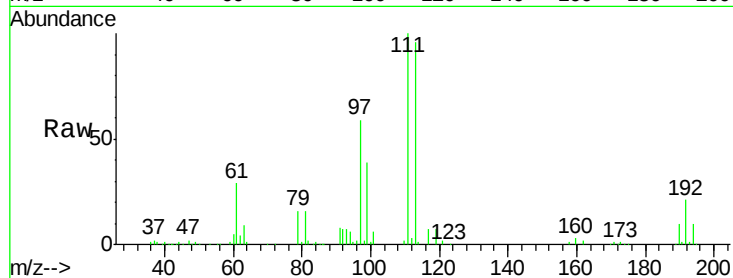




#35
 Dibromofluoromethane
 Concen: 49.087 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008686.D
 Acq: 05 Apr 2019 17:00

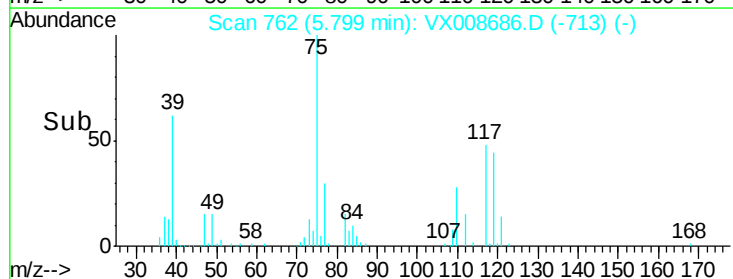
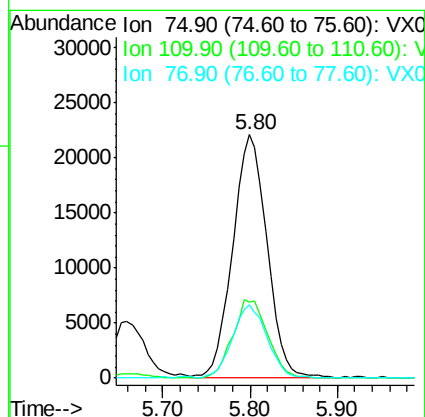
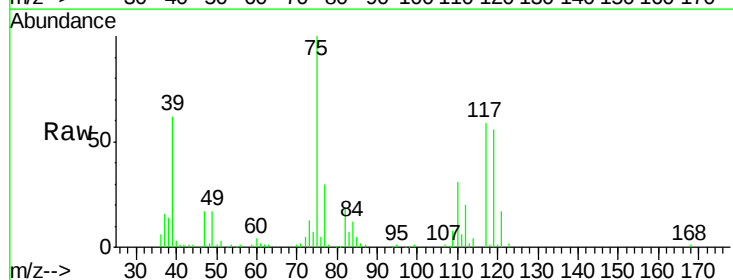
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS02

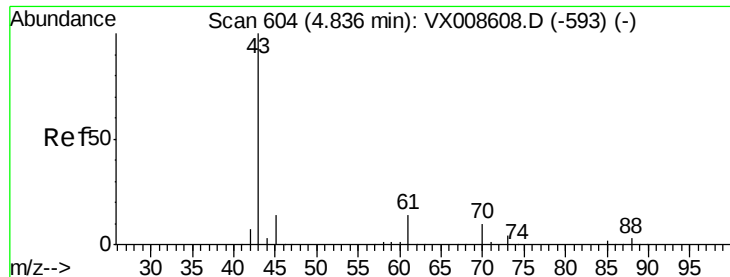
Tot Ion:113 Resp: 93107
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.4 125.2
 192 20.6 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 18.401 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008686.D
 Acq: 05 Apr 2019 17:00

Tgt Ion: 75 Resp: 59673
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.4 49.2
 77 30.9 24.7 37.1

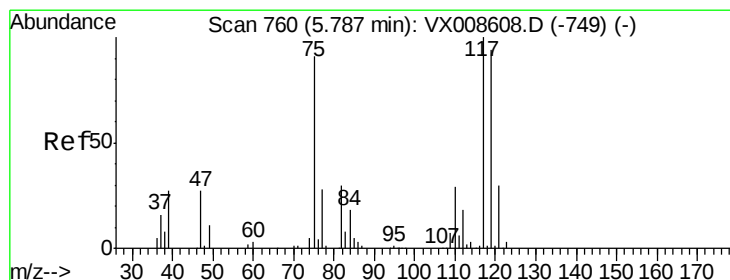
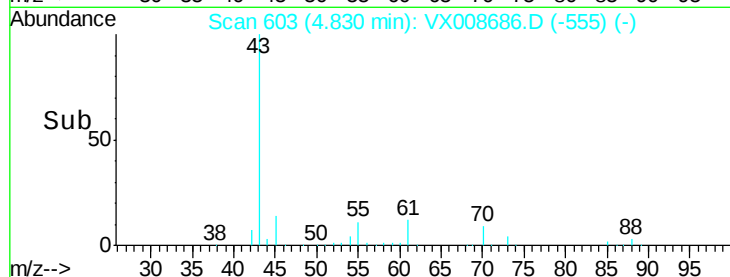
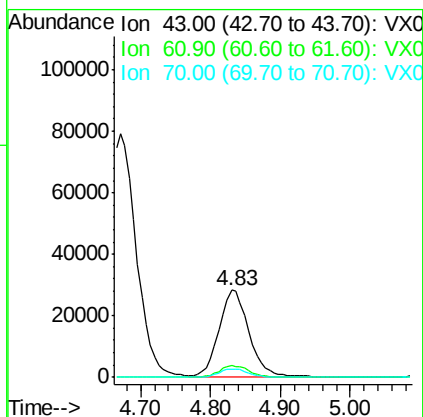
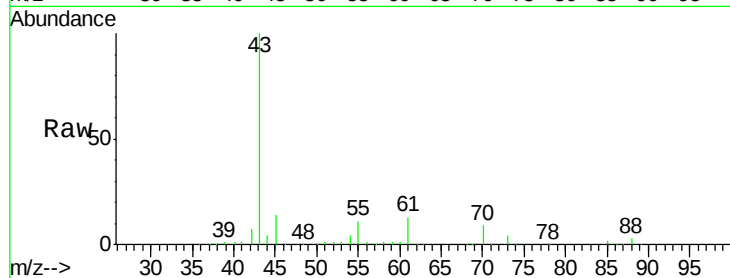




#37
Ethyl Acetate
Concen: 19.313 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

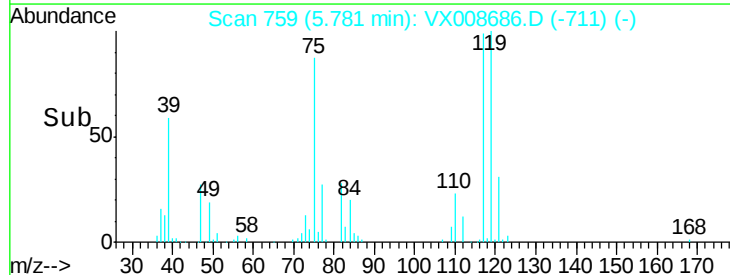
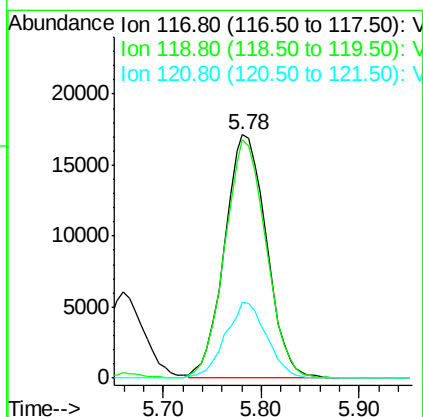
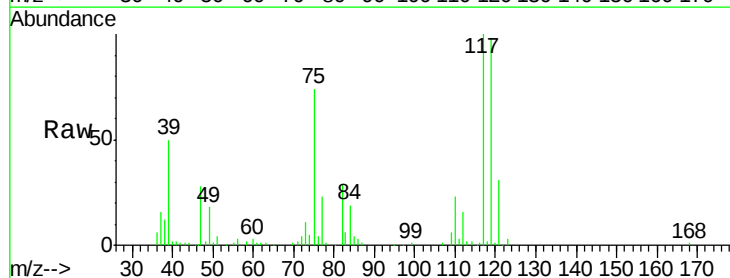
Instrument :
MSVOA_X
ClientSampled :
VX0405WBS02

Tot Ion: 43 Resp: 83596
Ion Ratio Lower Upper
43 100
61 13.8 10.3 15.5
70 9.8 7.6 11.4



#38
Carbon Tetrachloride
Concen: 18.957 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

Tgt Ion: 117 Resp: 50882
Ion Ratio Lower Upper
117 100
119 97.9 75.0 112.6
121 31.1 24.3 36.5

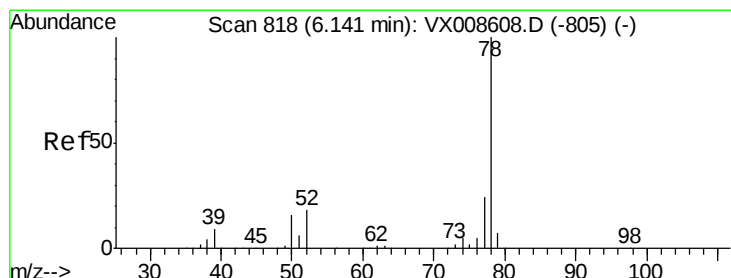
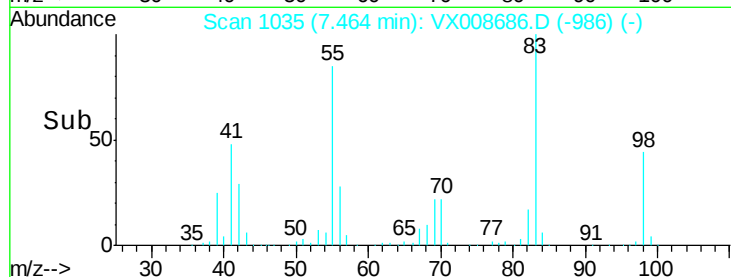
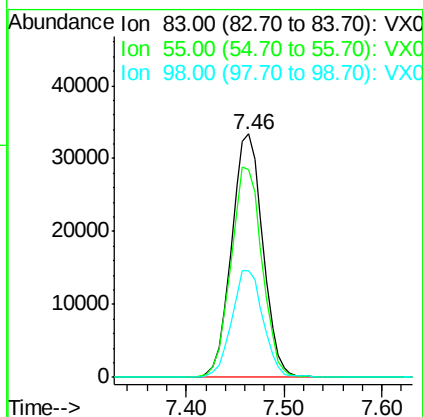
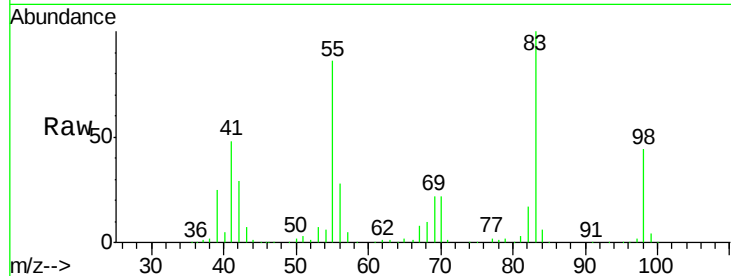




#39
Methvlcvclohexane
Concen: 18.458 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

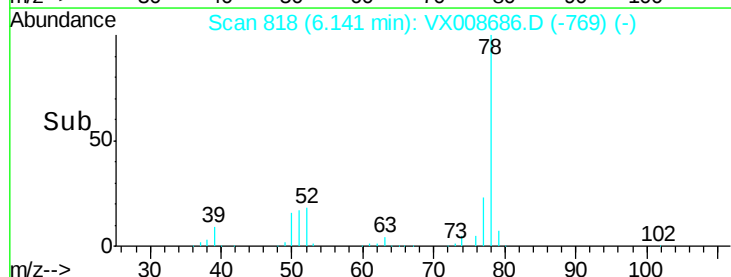
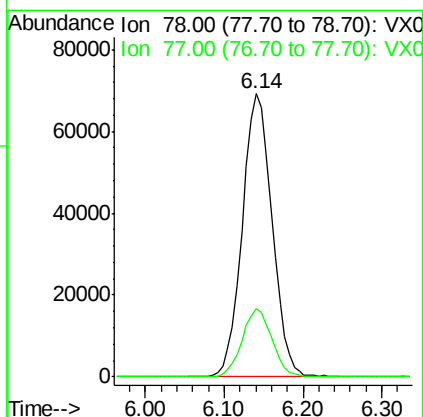
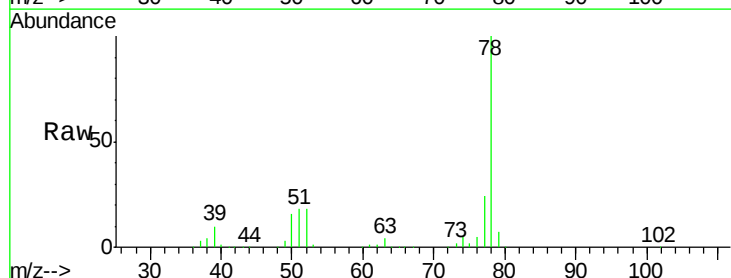
Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS02

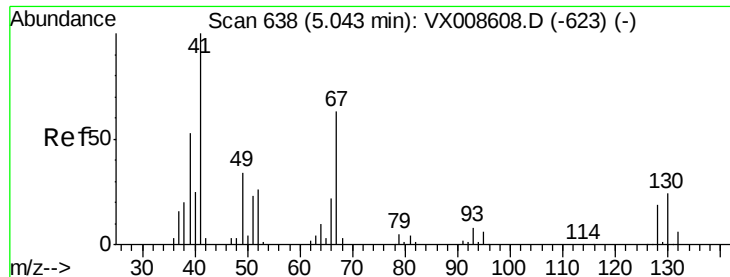
Tot Ion: 83 Resp: 73945
Ion Ratio Lower Upper
83 100
55 85.5 69.0 103.6
98 43.8 34.4 51.6



#40
Benzene
Concen: 18.862 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

Tgt Ion: 78 Resp: 182225
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7





#41

Methacrylonitrile

Concen: 19.003 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBS02

Tot Ion: 41 Resp: 47281

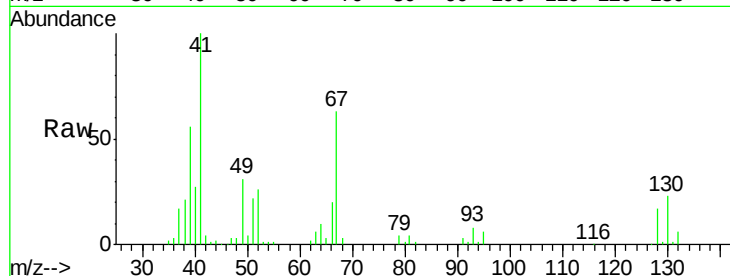
Ion Ratio Lower Upper

41 100

39 52.3 42.1 63.1

67 63.3 51.0 76.6

52 27.5 21.4 32.0

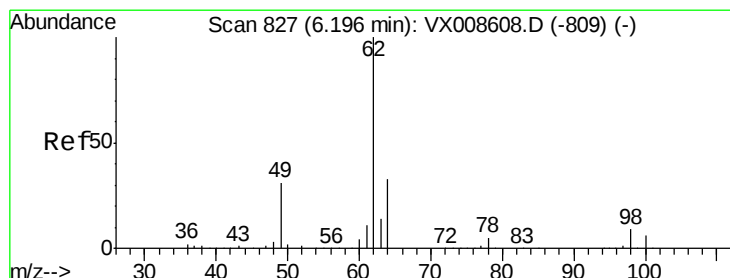
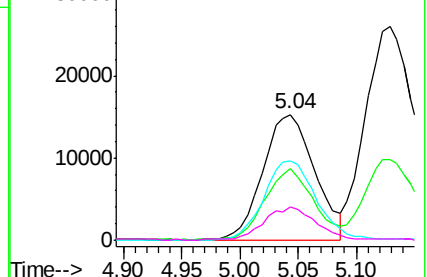
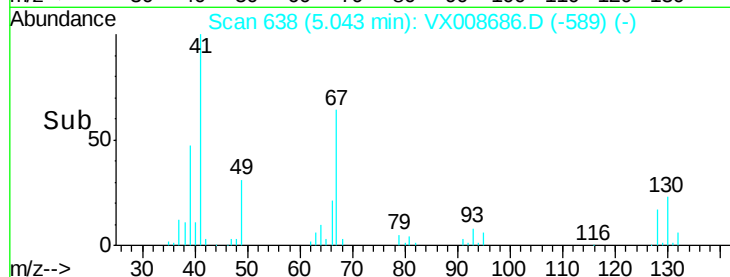


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.045 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008686.D

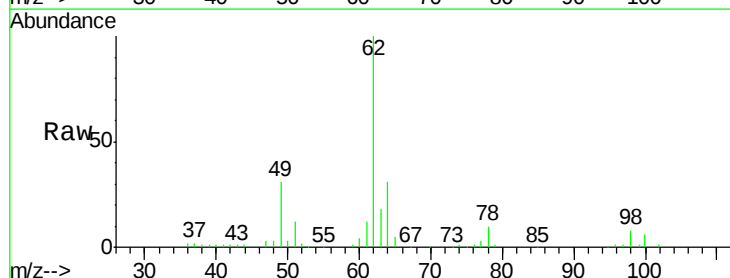
Acq: 05 Apr 2019 17:00

Tgt Ion: 62 Resp: 65960

Ion Ratio Lower Upper

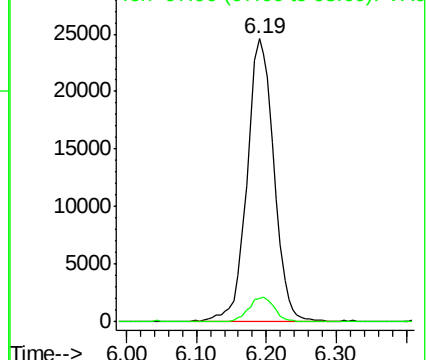
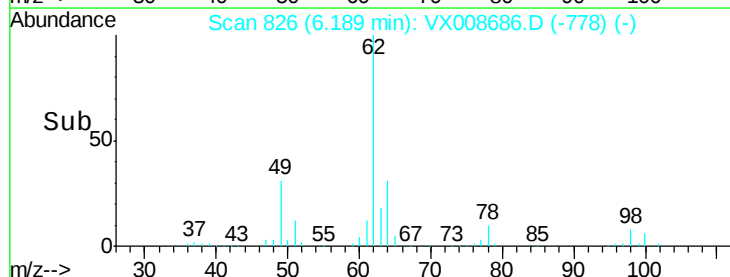
62 100

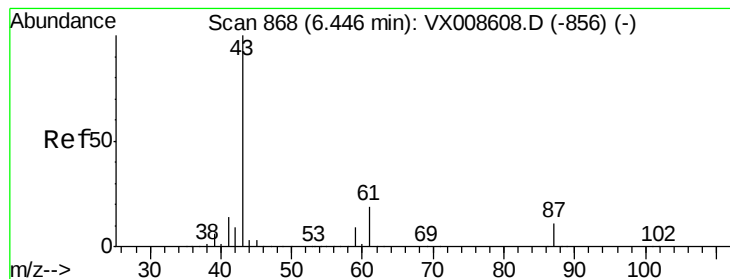
98 8.5 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



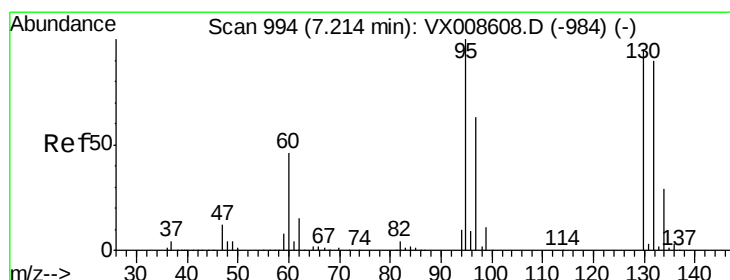
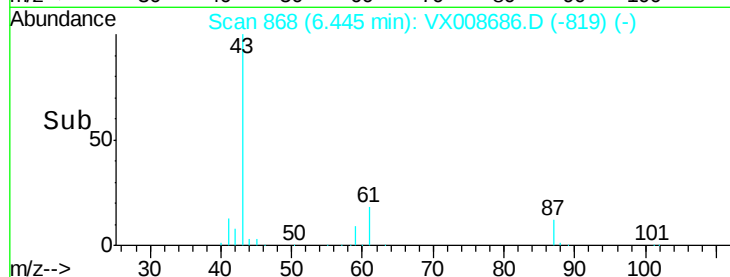
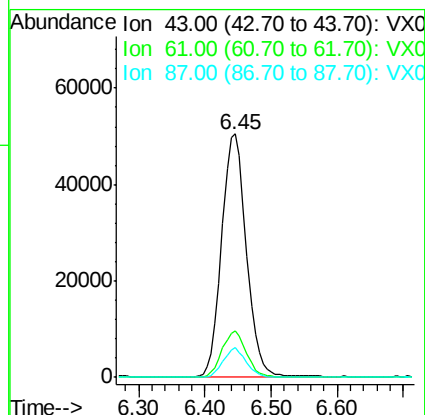
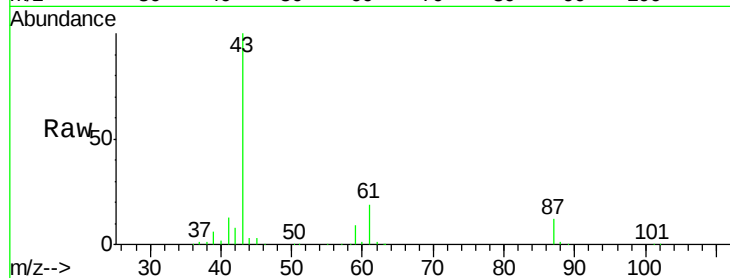


#43

Isopropyl Acetate
 Concen: 19.330 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008686.D
 Acq: 05 Apr 2019 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS02

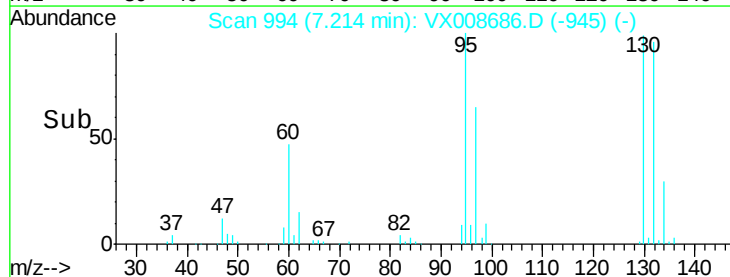
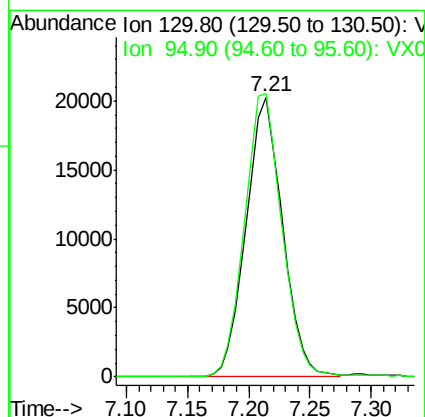
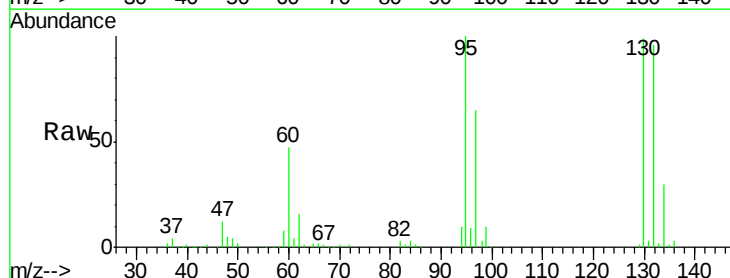
Tot Ion: 43 Resp: 131072
 Ion Ratio Lower Upper
 43 100
 61 18.8 15.3 22.9
 87 11.3 9.0 13.6

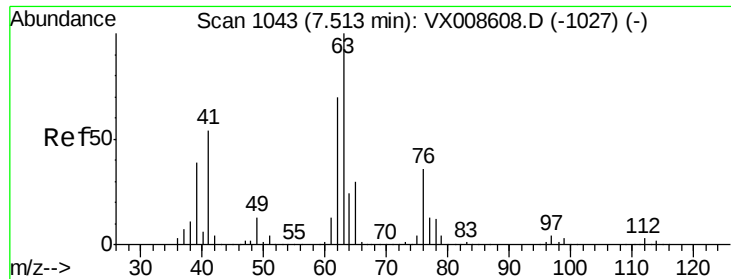


#44

Trichloroethene
 Concen: 18.791 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008686.D
 Acq: 05 Apr 2019 17:00

Tgt Ion: 130 Resp: 42281
 Ion Ratio Lower Upper
 130 100
 95 101.2 0.0 209.8





#45

1,2-Dichloropropane

Concen: 19.058 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampled :

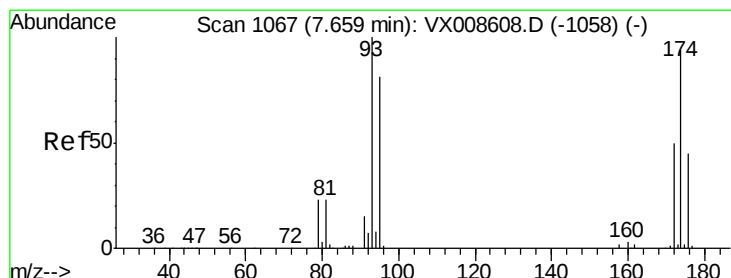
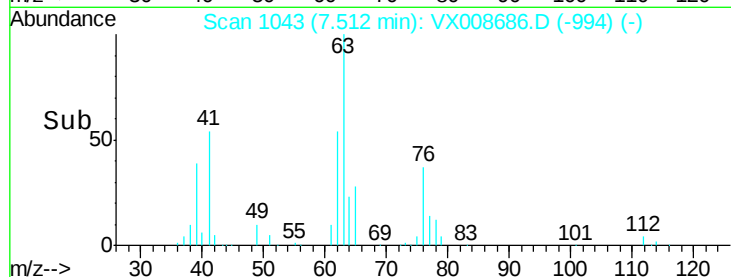
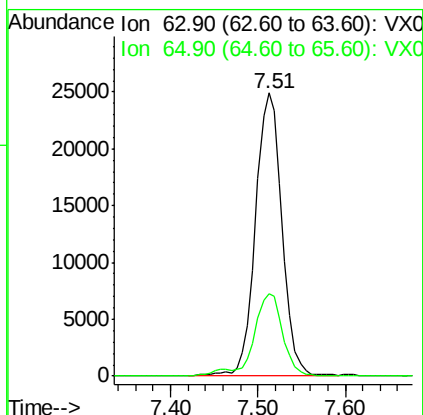
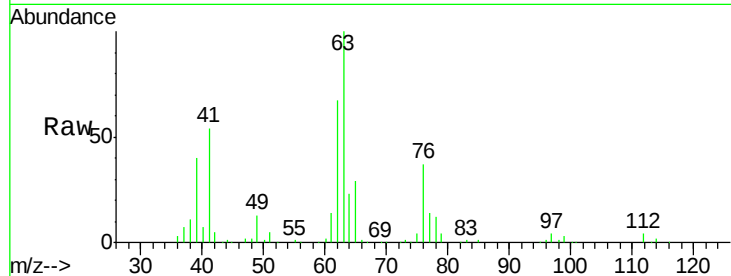
VX0405WBS02

Tot Ion: 63 Resp: 52551

Ion Ratio Lower Upper

63 100

65 29.3 24.2 36.4



#46

Dibromomethane

Concen: 18.220 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

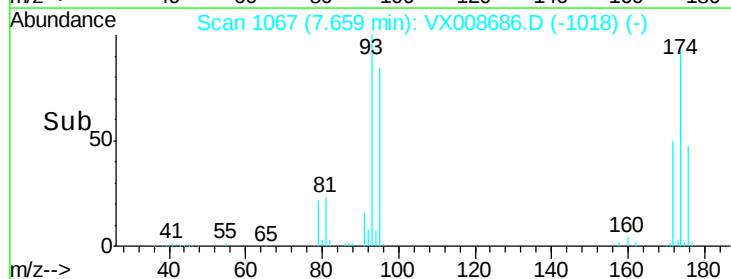
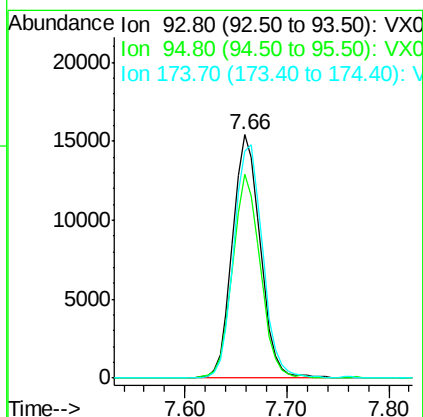
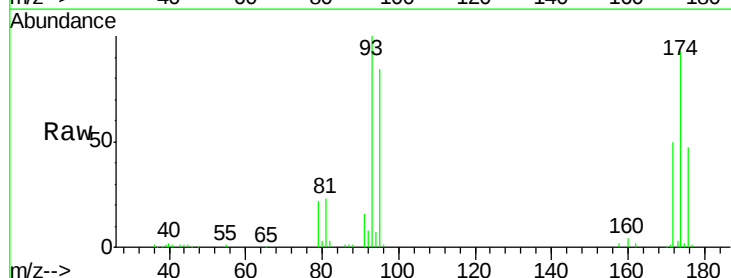
Tgt Ion: 93 Resp: 29139

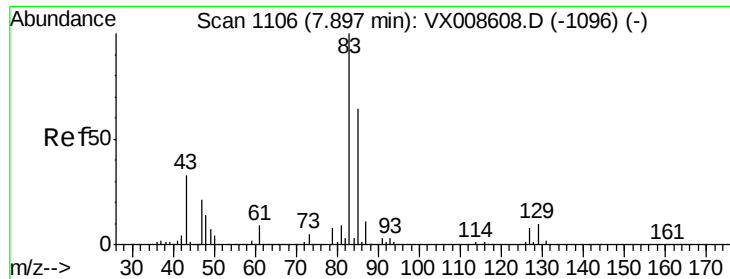
Ion Ratio Lower Upper

93 100

95 82.8 66.6 99.8

174 99.0 77.7 116.5





#47

Bromodichloromethane

Concen: 18.961 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBS02

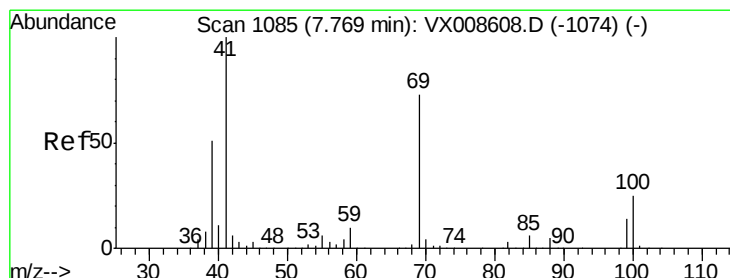
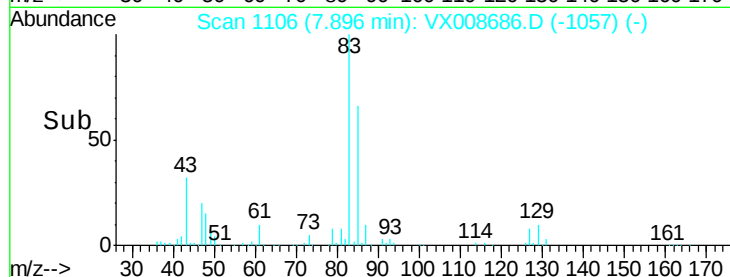
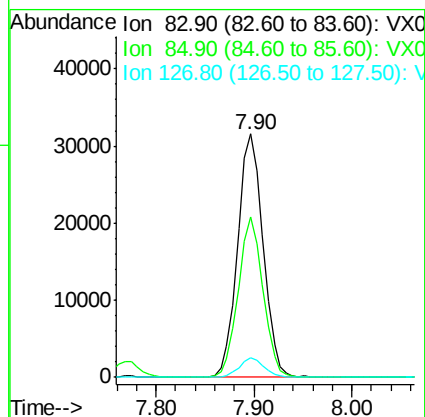
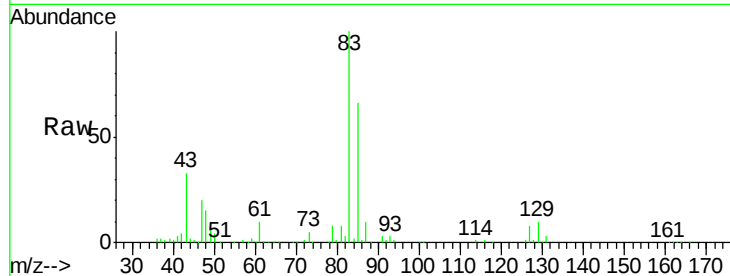
Tot Ion: 83 Resp: 57177

Ion Ratio Lower Upper

83 100

85 65.8 51.2 76.8

127 8.2 6.6 10.0



#48

Methyl methacrylate

Concen: 19.151 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

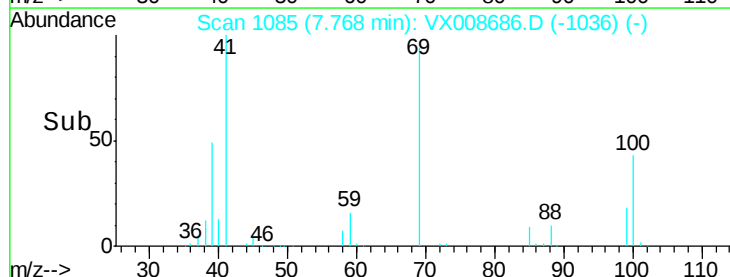
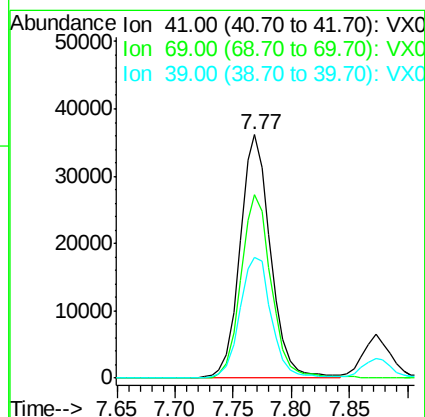
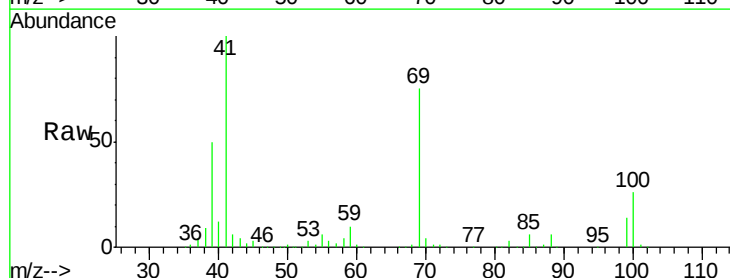
Tgt Ion: 41 Resp: 65688

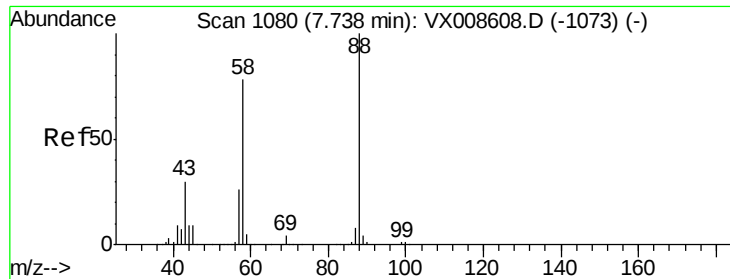
Ion Ratio Lower Upper

41 100

69 75.6 59.0 88.4

39 51.8 41.0 61.4

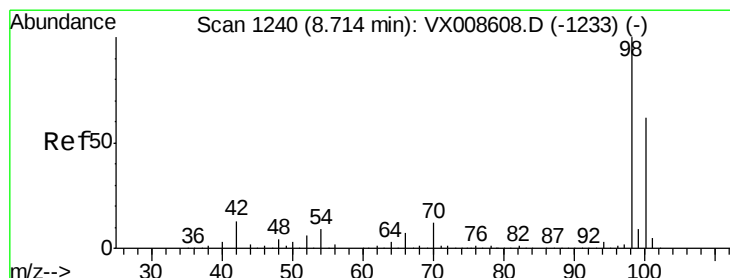
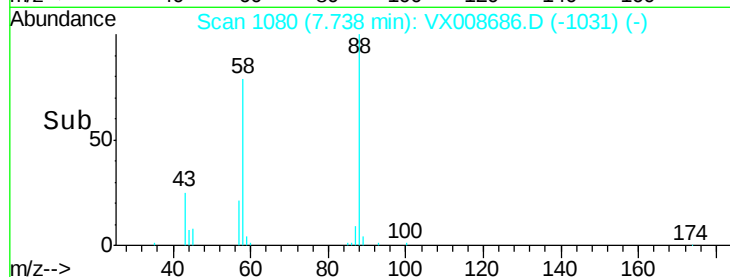
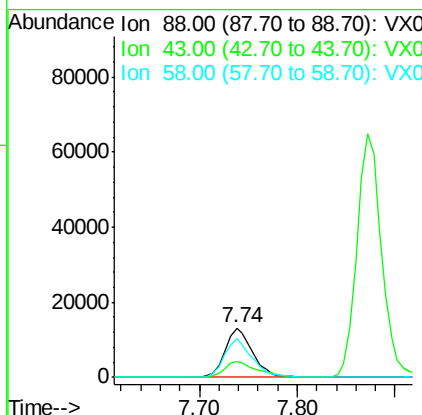
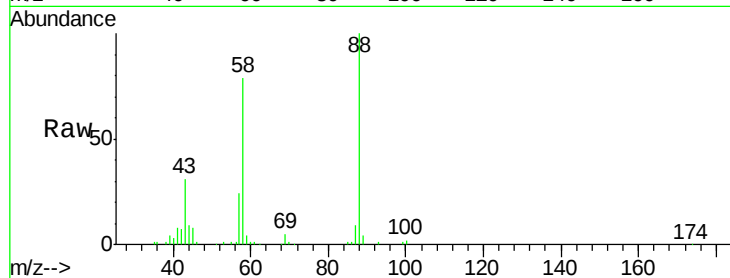




#49
 1,4-Dioxane
 Concen: 399.818 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008686.D
 Acq: 05 Apr 2019 17:00

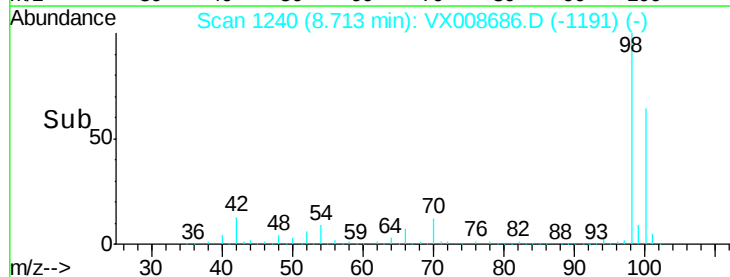
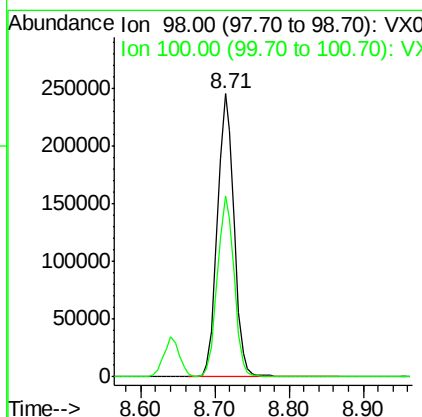
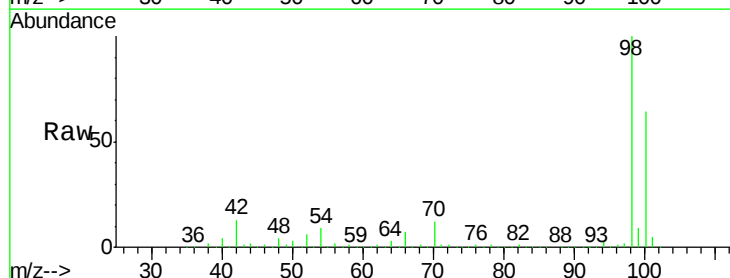
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS02

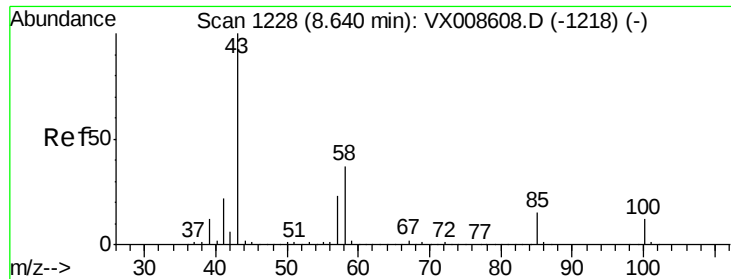
Tot Ion: 88 Resp: 25690
 Ion Ratio Lower Upper
 88 100
 43 38.6 28.6 43.0
 58 80.4 62.2 93.2



#50
 Toluene-d8
 Concen: 49.903 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008686.D
 Acq: 05 Apr 2019 17:00

Tgt Ion: 98 Resp: 376896
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 98.553 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

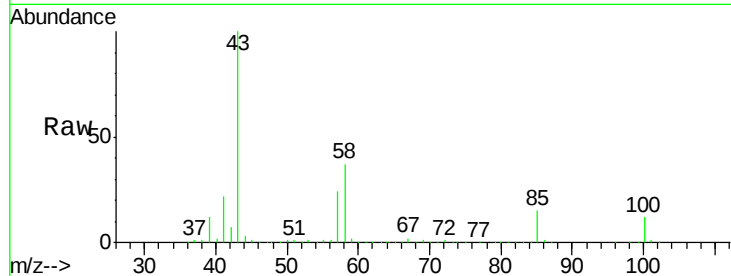
VX0405WBS02

Tot Ion: 43 Resp: 430184

Ion Ratio Lower Upper

43 100

58 37.0 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

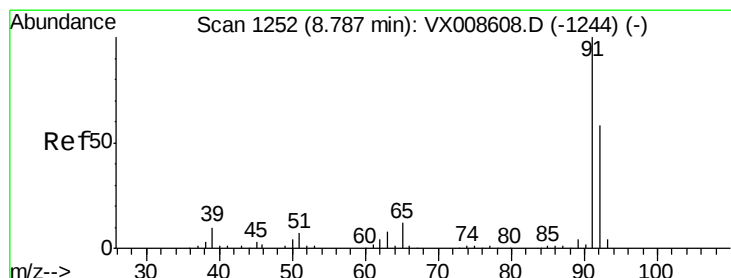
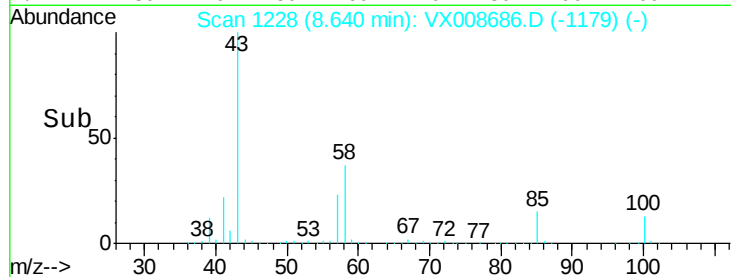
150000

100000

50000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 19.292 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008686.D

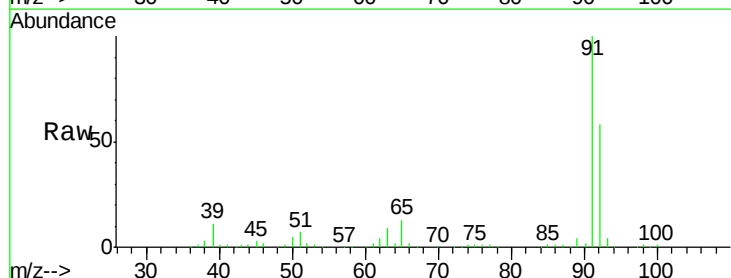
Acq: 05 Apr 2019 17:00

Tgt Ion: 92 Resp: 109881

Ion Ratio Lower Upper

92 100

91 174.6 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

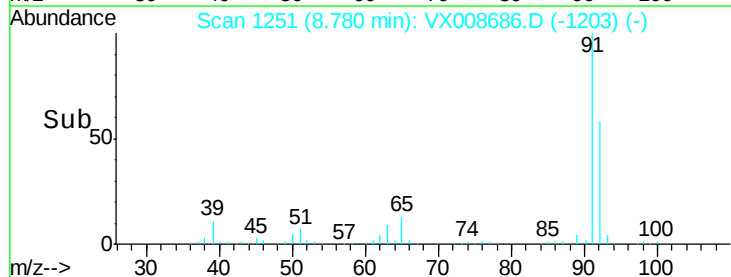
8.78

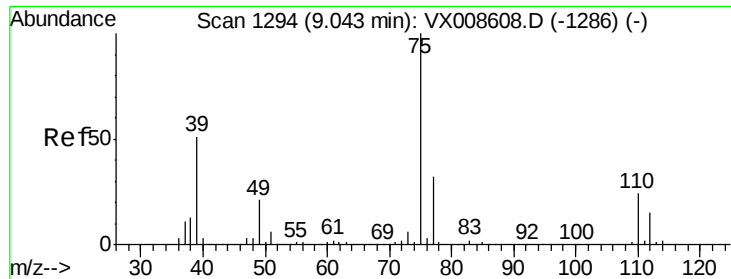
100000

50000

0

Time--> 8.70 8.80 8.90

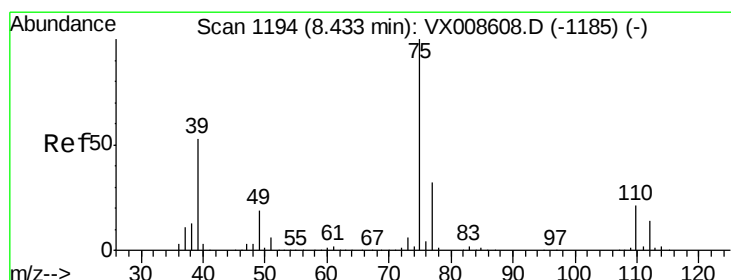
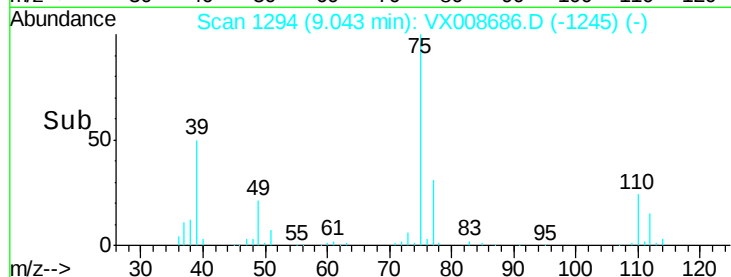
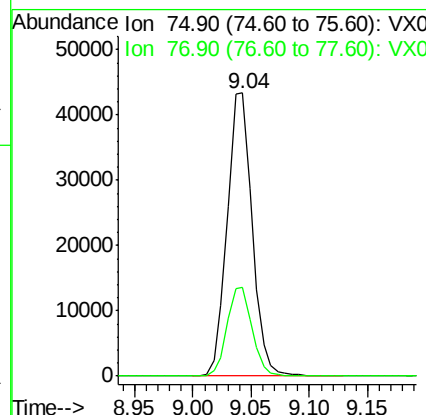
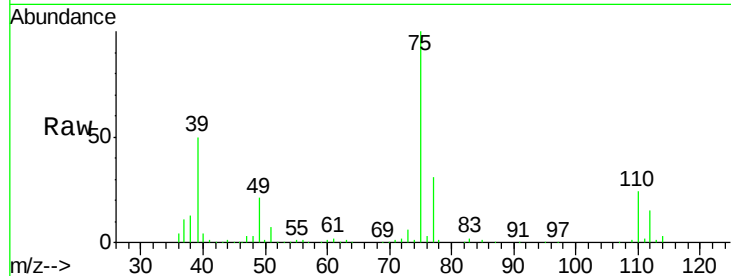




#53
 t-1,3-Dichloropropene
 Concen: 19.164 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008686.D
 Acq: 05 Apr 2019 17:00

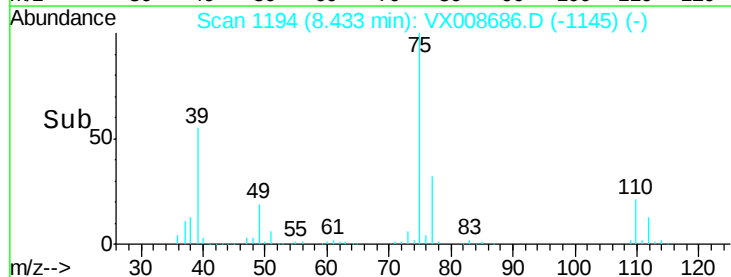
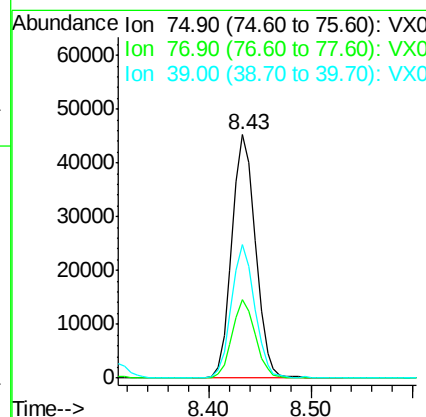
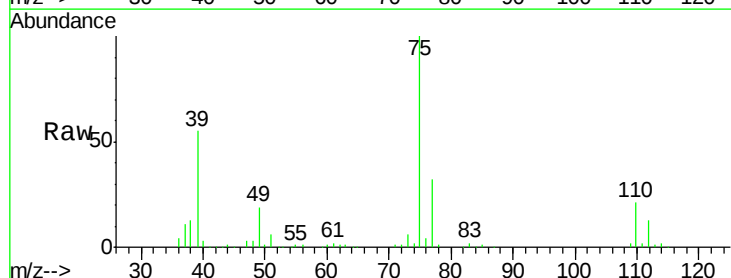
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS02

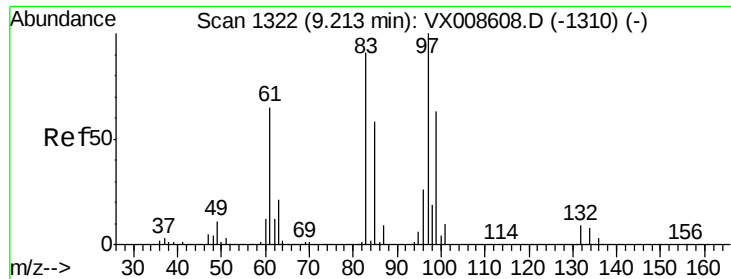
Tot Ion: 75 Resp: 64731
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.801 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008686.D
 Acq: 05 Apr 2019 17:00

Tgt Ion: 75 Resp: 72564
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9
 39 54.5 42.6 63.8

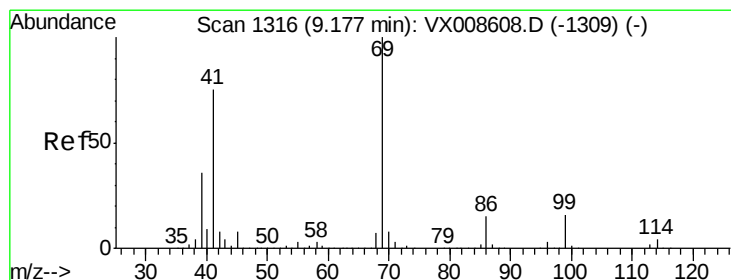
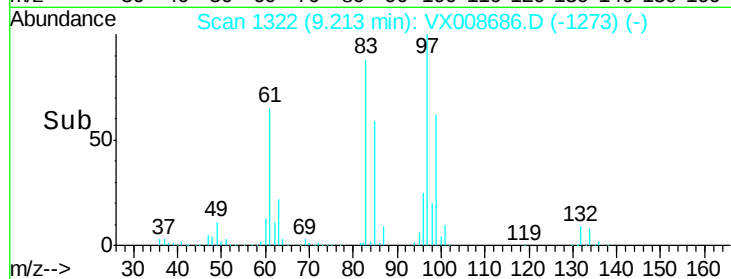
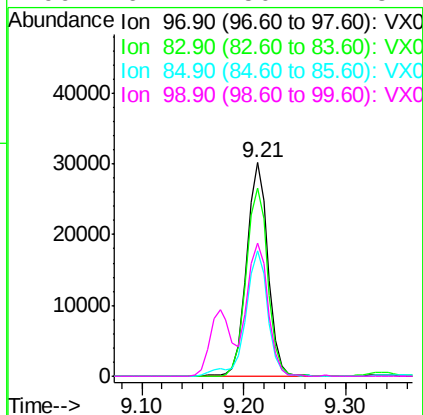
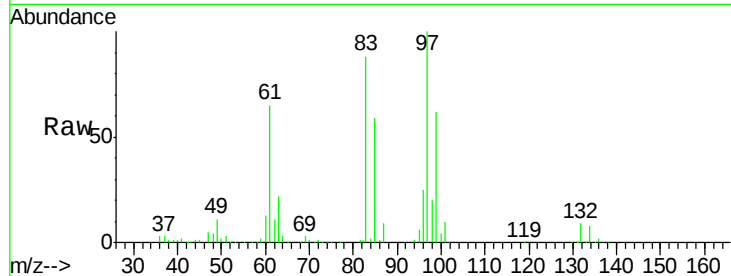




#55
 1,1,2-Trichloroethane
 Concen: 19.237 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008686.D
 Acq: 05 Apr 2019 17:00

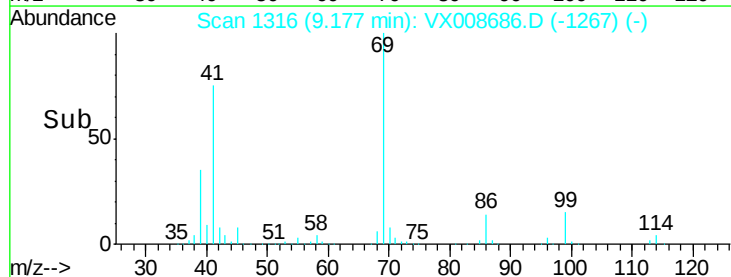
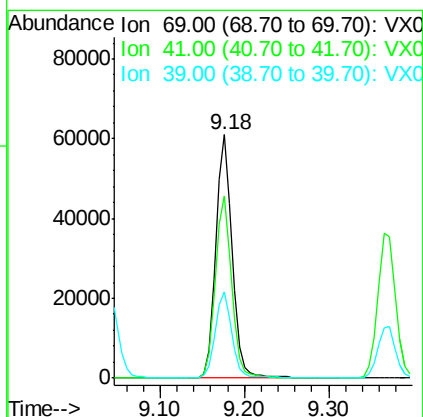
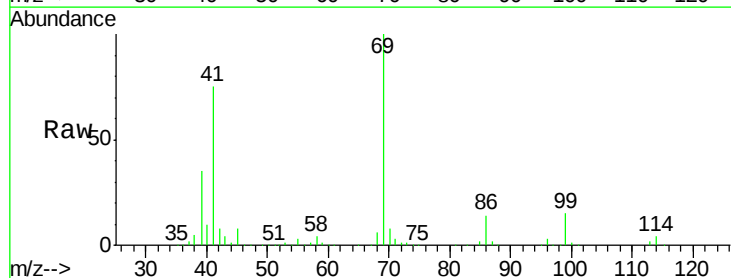
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS02

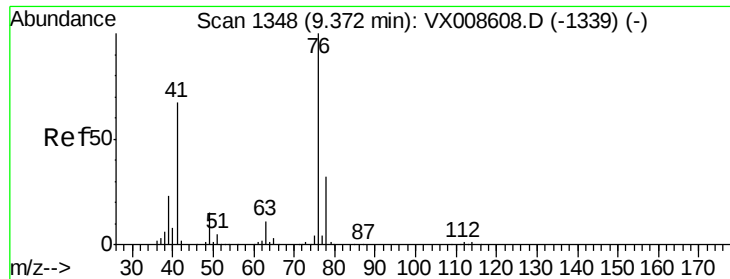
Tot Ion: 97 Resp: 43980
 Ion Ratio Lower Upper
 97 100
 83 87.9 73.2 109.8
 85 58.8 46.6 69.8
 99 62.1 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 19.980 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008686.D
 Acq: 05 Apr 2019 17:00

Tgt Ion: 69 Resp: 82651
 Ion Ratio Lower Upper
 69 100
 41 74.5 60.1 90.1
 39 35.4 28.9 43.3





#57

1,3-Dichloropropane

Concen: 19.466 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

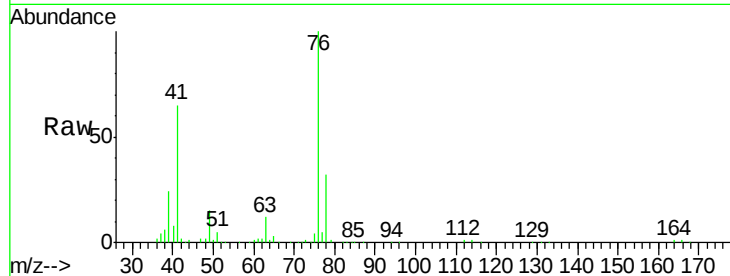
VX0405WBS02

Tot Ion: 76 Resp: 79915

Ion Ratio Lower Upper

76 100

78 31.6 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

60000

50000

40000

30000

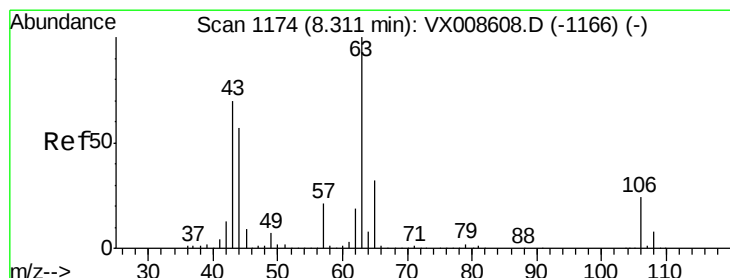
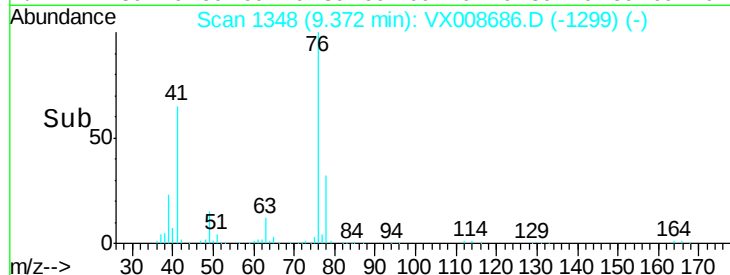
20000

10000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 96.174 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008686.D

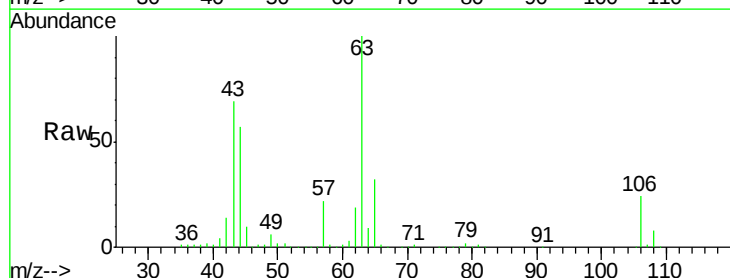
Acq: 05 Apr 2019 17:00

Tgt Ion: 63 Resp: 203141

Ion Ratio Lower Upper

63 100

106 24.0 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

150000

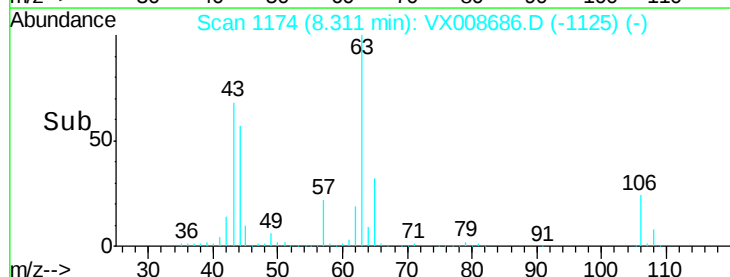
100000

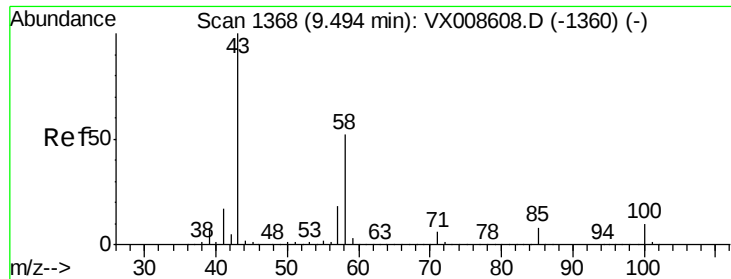
50000

0

8.20 8.25 8.30 8.35 8.40

Time-->

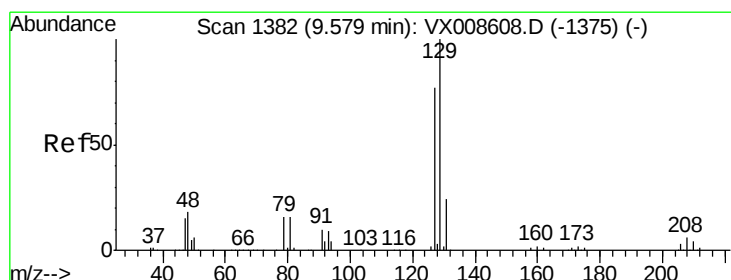
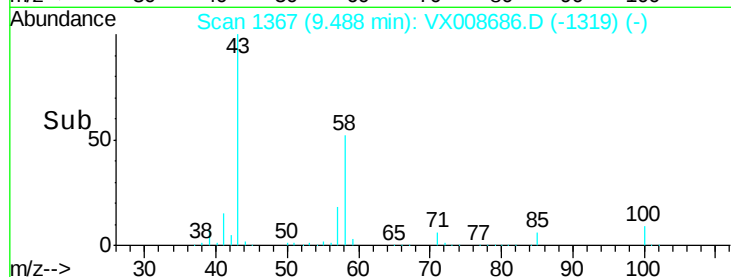
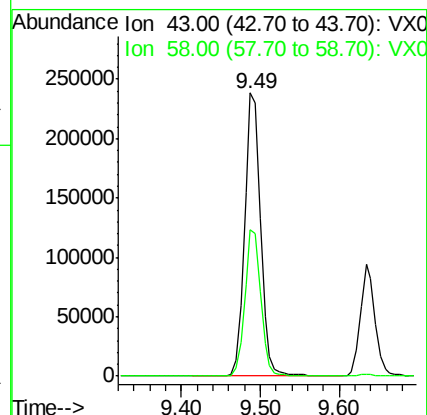
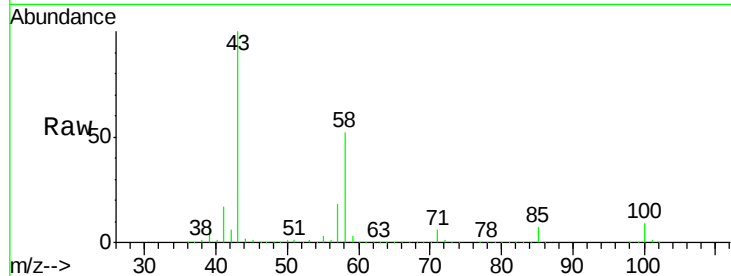




#59
2-Hexanone
Concen: 99.067 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

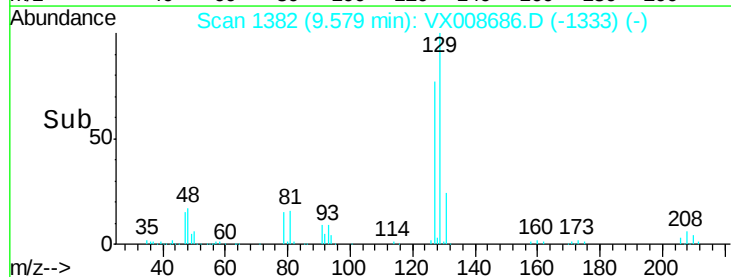
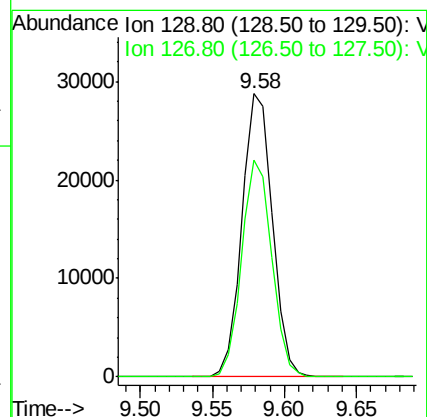
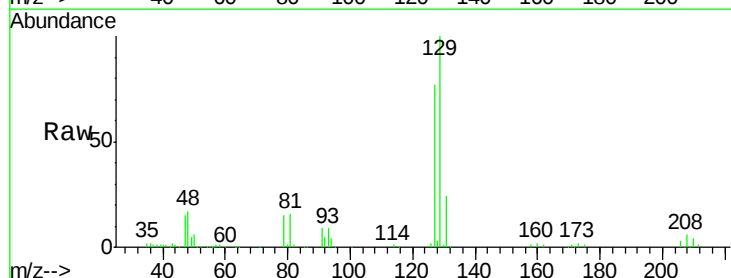
Instrument :
MSVOA_X
ClientSampled :
VX0405WBS02

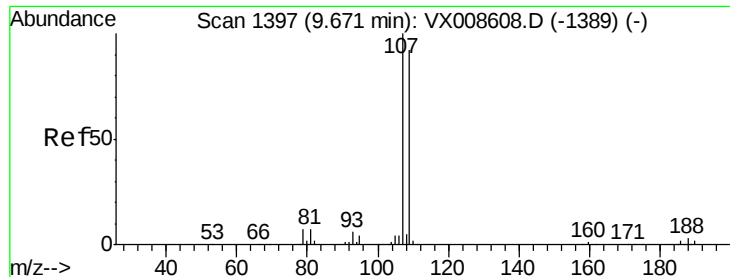
Tot Ion: 43 Resp: 336059
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.7



#60
Dibromochloromethane
Concen: 19.589 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

Tgt Ion:129 Resp: 42202
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.106 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

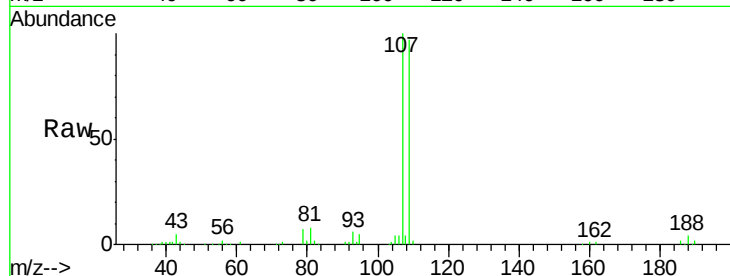
VX0405WBS02

Tot Ion:107 Resp: 45474

Ion Ratio Lower Upper

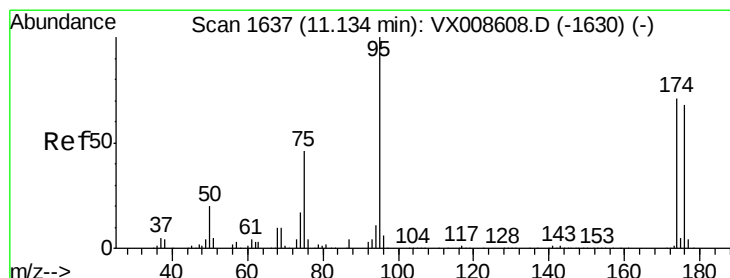
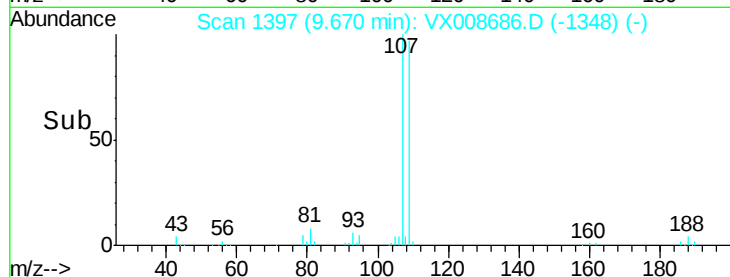
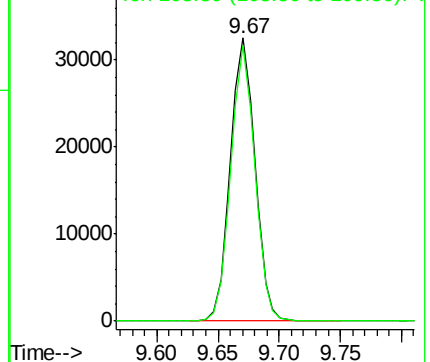
107 100

109 95.0 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.469 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

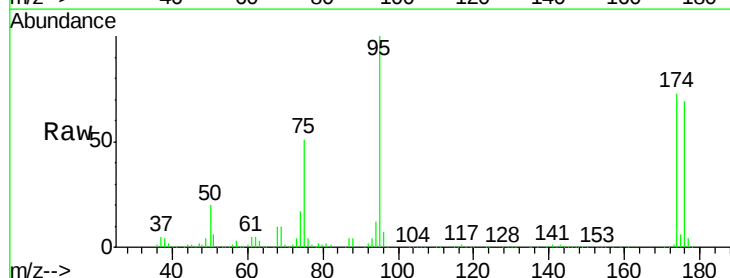
Tgt Ion: 95 Resp: 137847

Ion Ratio Lower Upper

95 100

174 76.2 0.0 151.8

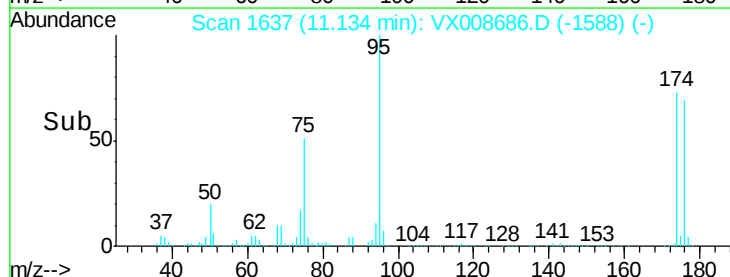
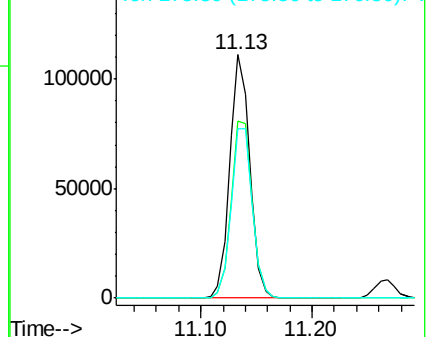
176 74.0 0.0 145.8

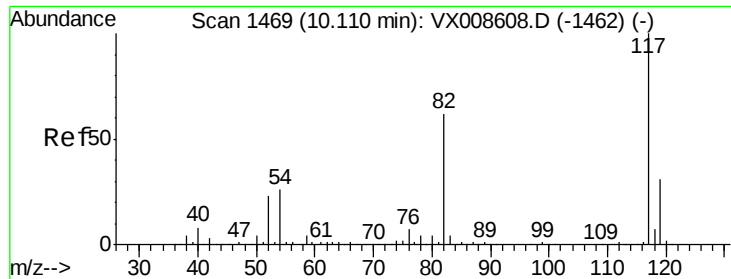


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

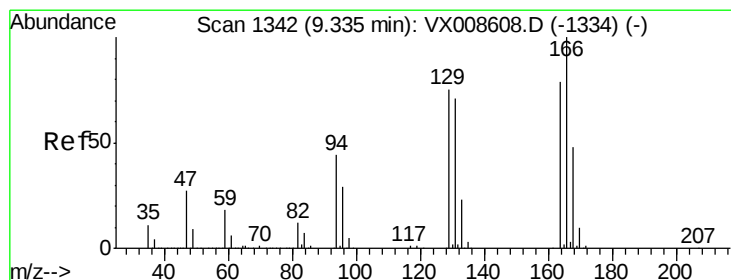
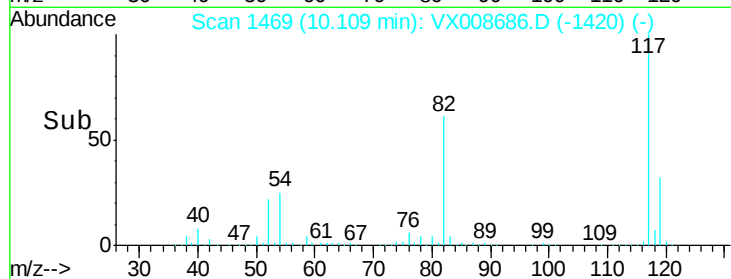
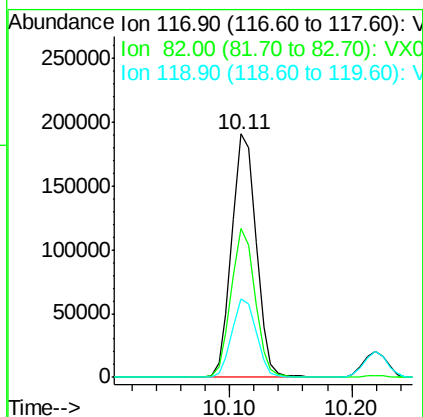
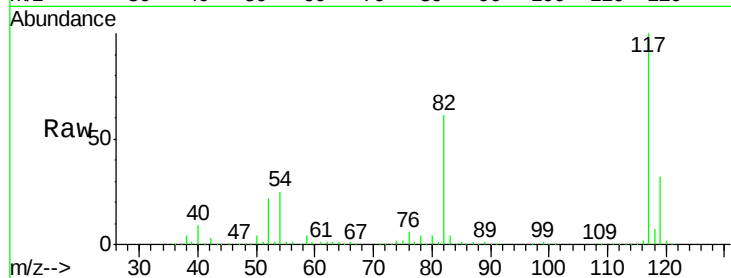




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

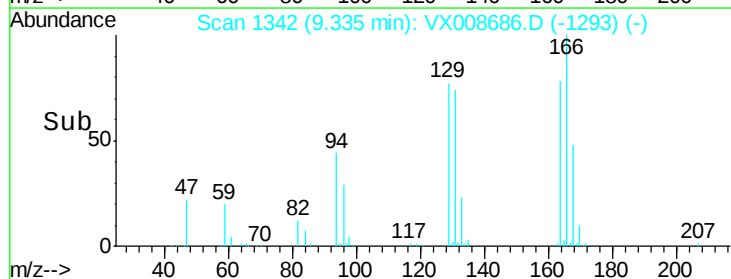
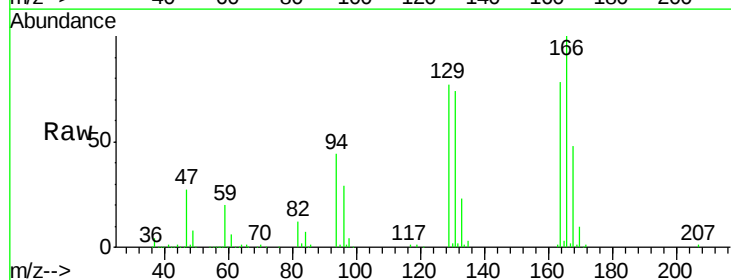
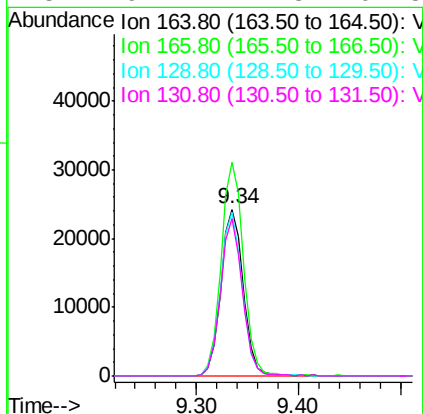
Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS02

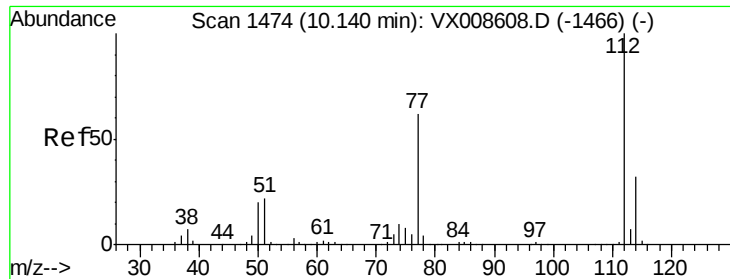
Tot Ion:117 Resp: 264315
Ion Ratio Lower Upper
117 100
82 61.3 49.6 74.4
119 32.3 25.0 37.4



#64
Tetrachloroethene
Concen: 18.795 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

Tgt Ion:164 Resp: 36807
Ion Ratio Lower Upper
164 100
166 127.9 101.0 151.6
129 98.2 75.8 113.8
131 94.4 71.8 107.8

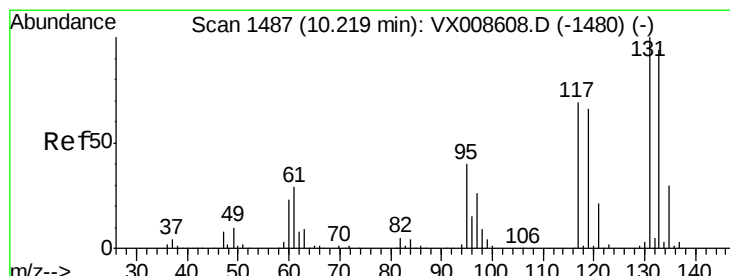
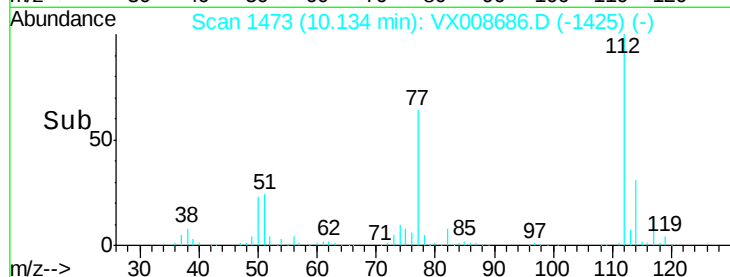
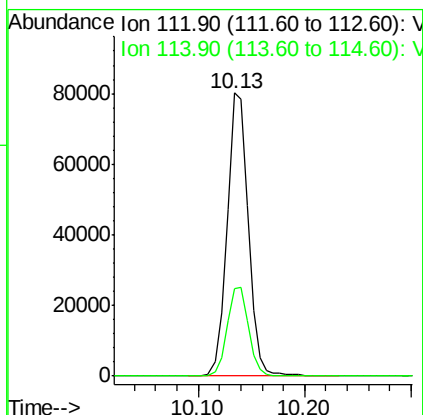
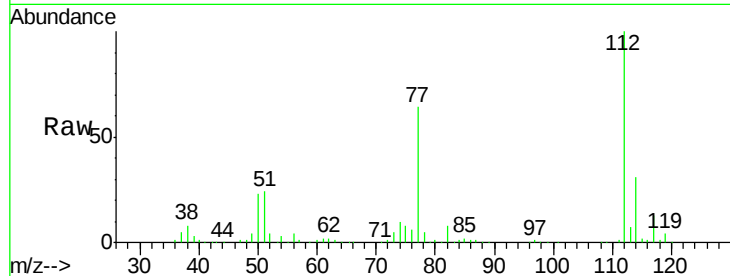




#65
Chlorobenzene
Concen: 19.096 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

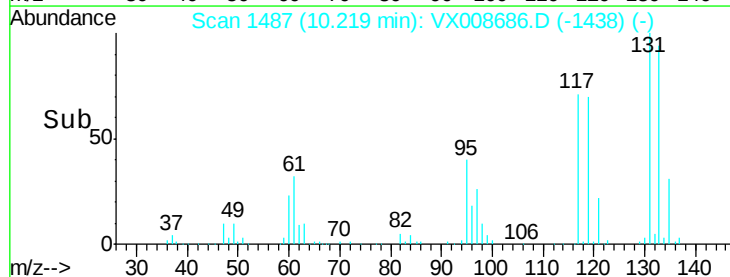
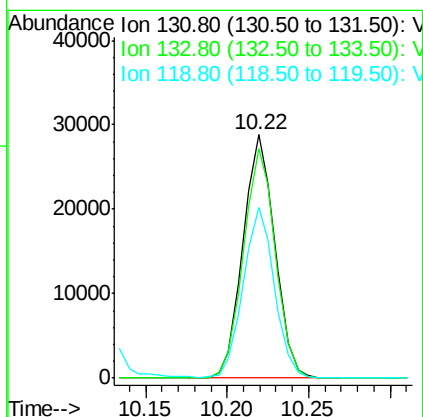
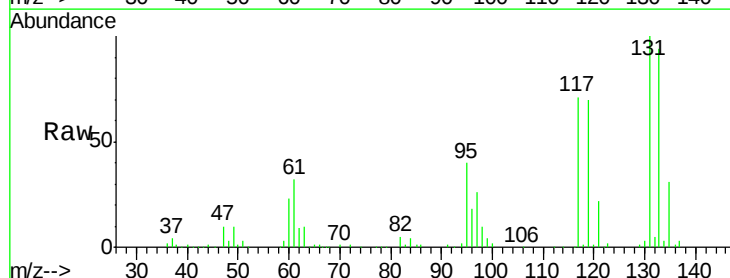
Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS02

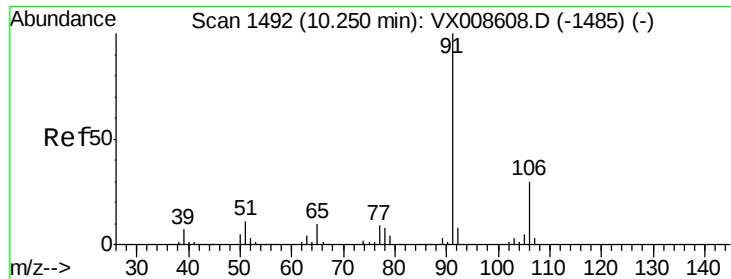
Tot Ion:112 Resp: 111883
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.067 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

Tgt Ion:131 Resp: 39191
Ion Ratio Lower Upper
131 100
133 94.9 47.0 141.2
119 68.7 33.7 101.0





#67

Ethyl Benzene

Concen: 19.053 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampled :

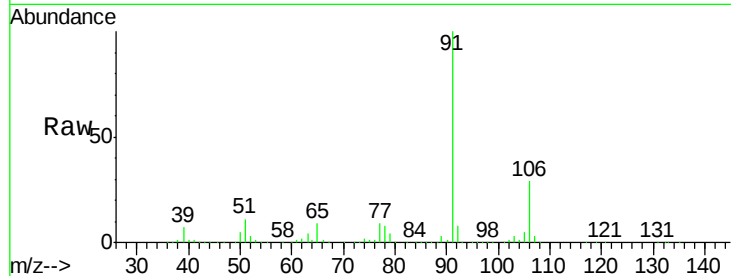
VX0405WBS02

Tot Ion: 91 Resp: 208158

Ion Ratio Lower Upper

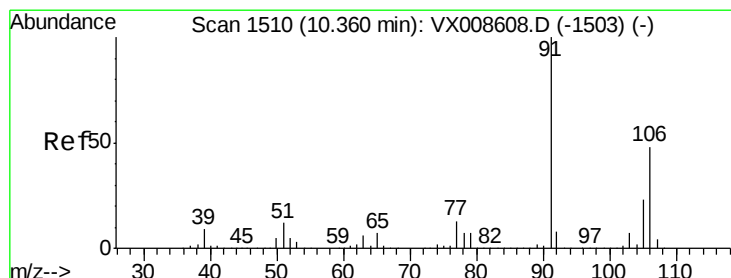
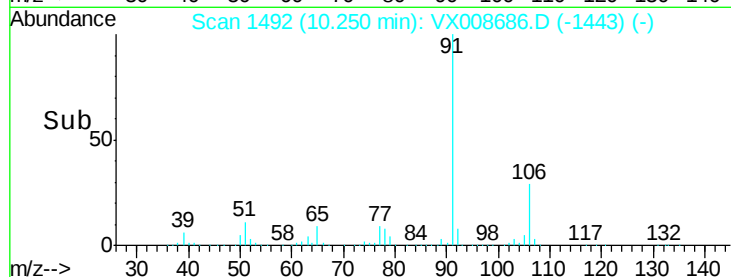
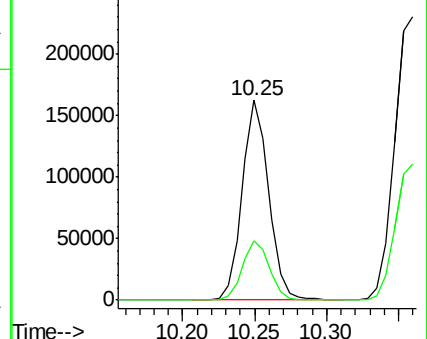
91 100

106 29.4 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.747 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008686.D

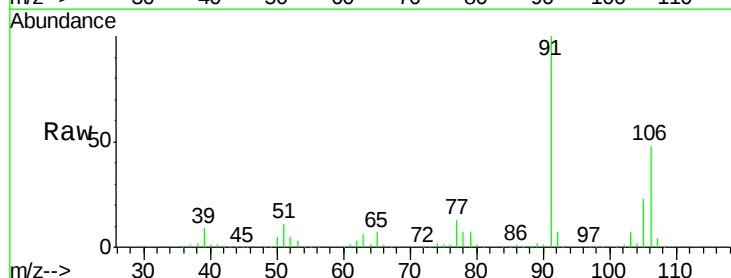
Acq: 05 Apr 2019 17:00

Tgt Ion: 106 Resp: 152204

Ion Ratio Lower Upper

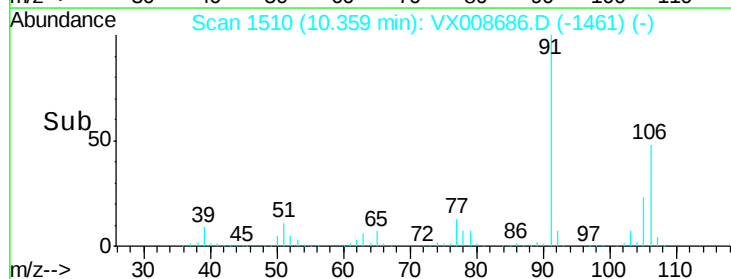
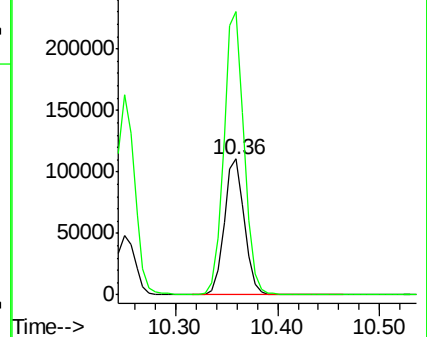
106 100

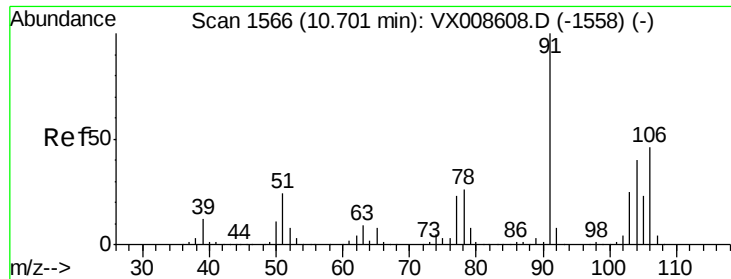
91 209.6 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

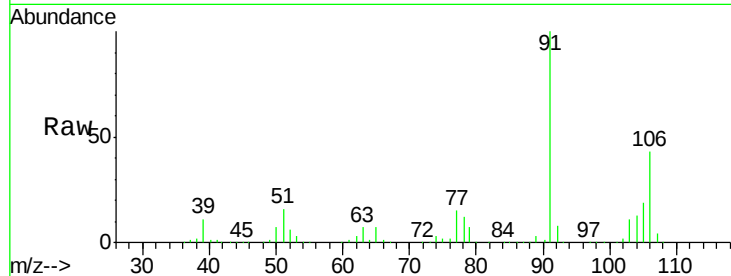




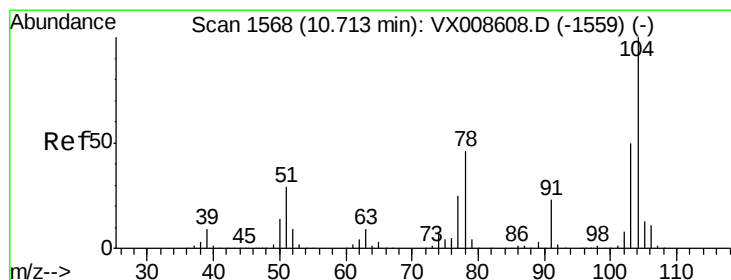
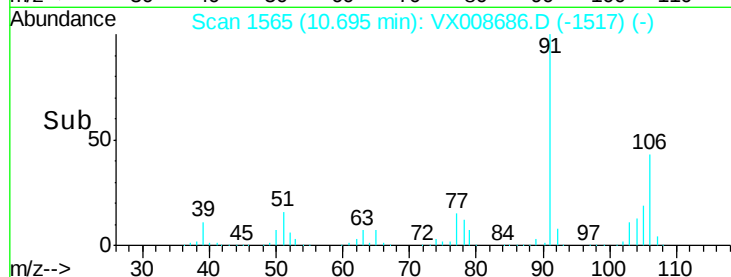
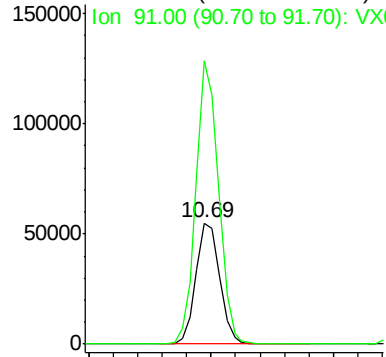
#69
o-Xylene
Concen: 19.450 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

Instrument :
MSVOA_X
ClientSampled :
VX0405WBS02

Tot Ion:106 Resp: 74042
Ion Ratio Lower Upper
106 100
91 221.8 111.5 334.4

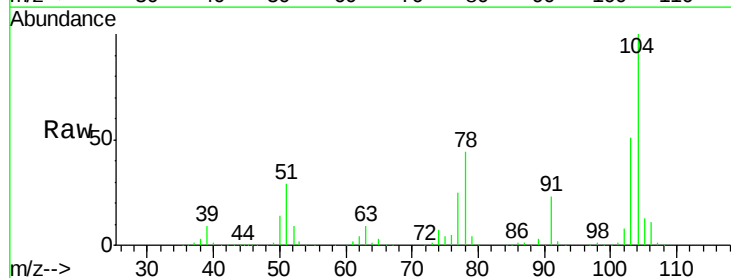


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

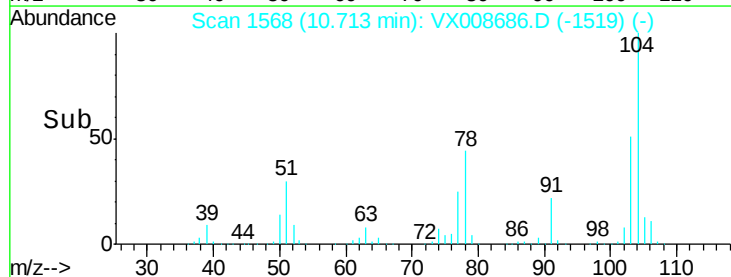
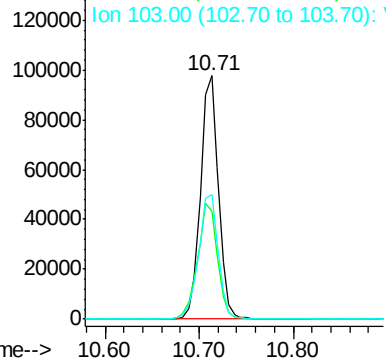


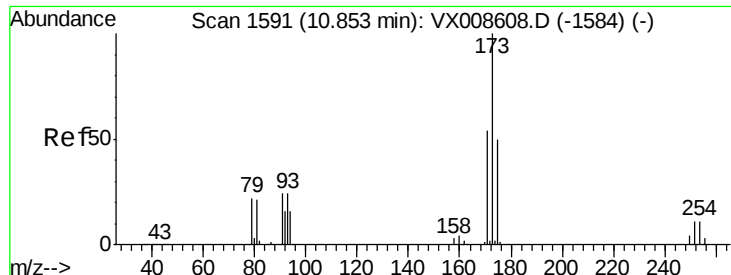
#70
Styrene
Concen: 19.646 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

Tgt Ion:104 Resp: 128921
Ion Ratio Lower Upper
104 100
78 52.7 42.3 63.5
103 55.9 44.4 66.6



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





#71

Bromoform

Concen: 19.200 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBS02

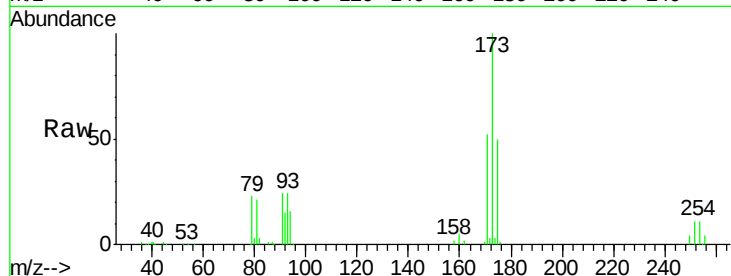
Tot Ion:173 Resp: 30141

Ion Ratio Lower Upper

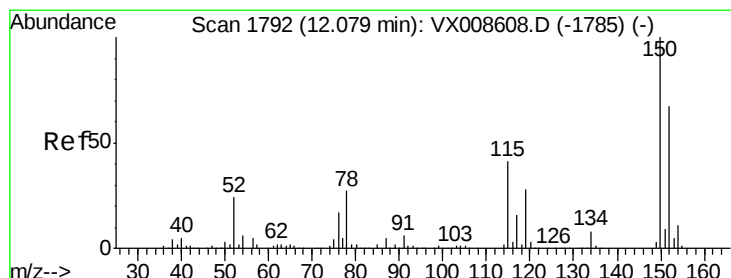
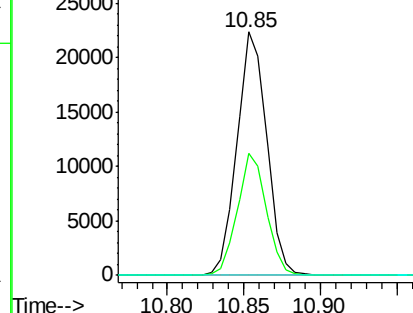
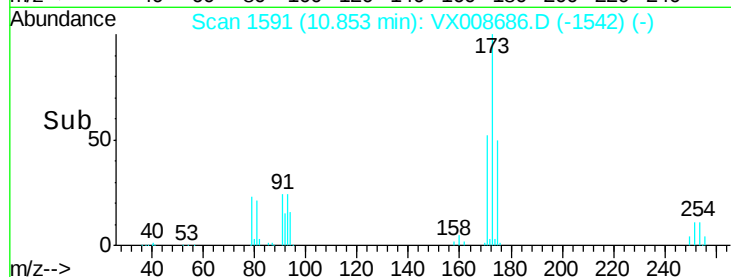
173 100

175 48.5 24.9 74.6

254 0.2 0.1 0.1#



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: VX008686.D

Acq: 05 Apr 2019 17:00

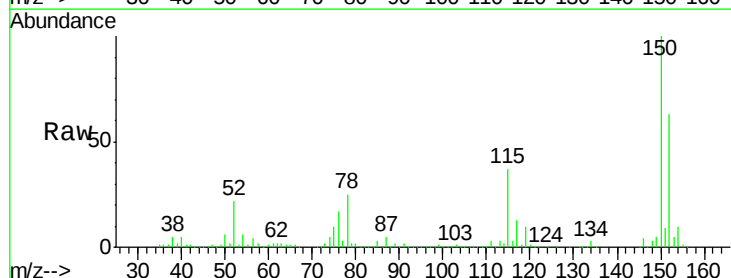
Tgt Ion:152 Resp: 123181

Ion Ratio Lower Upper

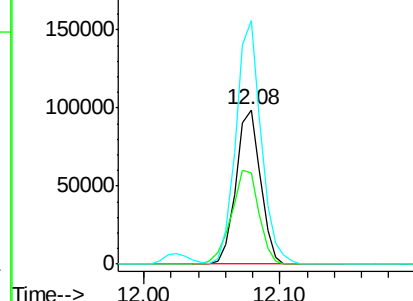
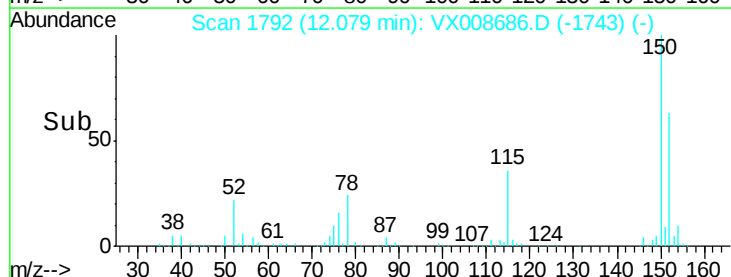
152 100

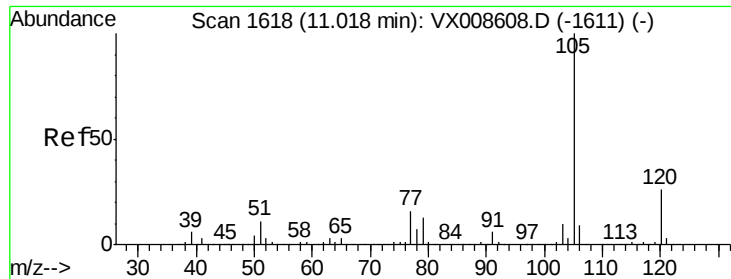
115 69.1 43.5 130.5

150 162.6 0.0 348.8



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





#73

Isopropylbenzene

Concen: 19.241 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

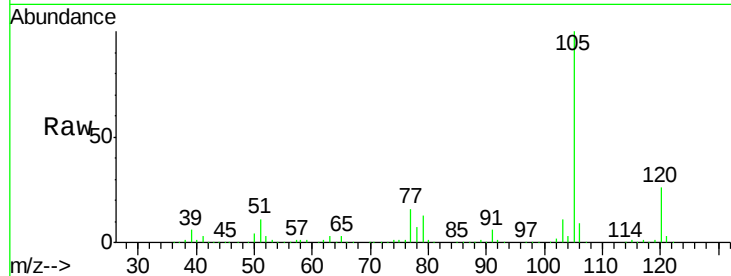
VX0405WBS02

Tot Ion:105 Resp: 196424

Ion Ratio Lower Upper

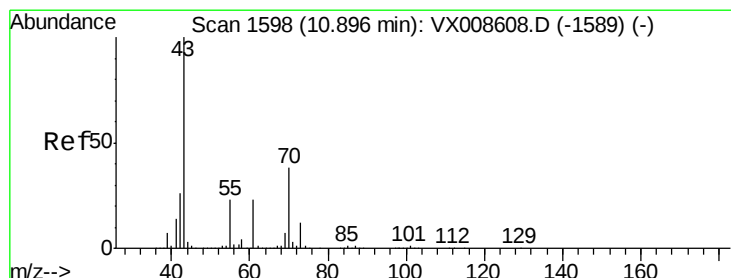
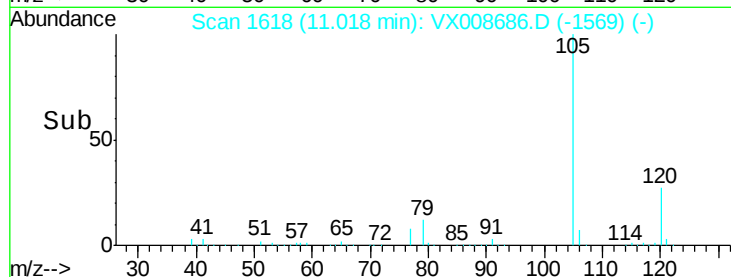
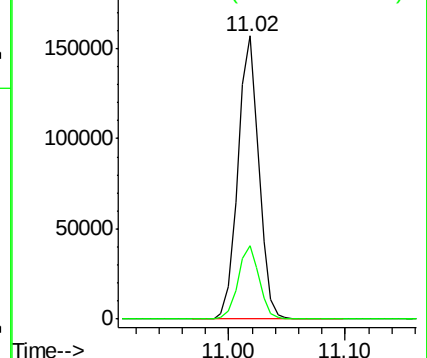
105 100

120 25.9 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.550 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Tgt Ion: 43 Resp: 117417

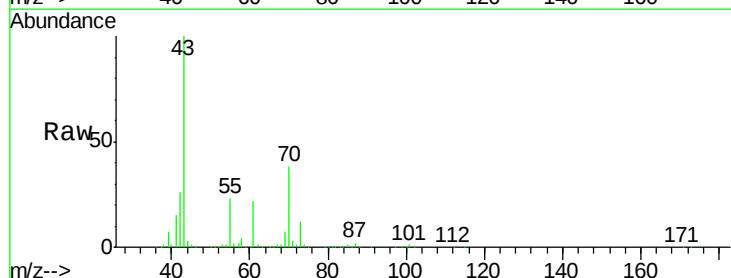
Ion Ratio Lower Upper

43 100

70 37.5 30.2 45.4

55 22.8 18.2 27.4

61 22.6 18.6 28.0

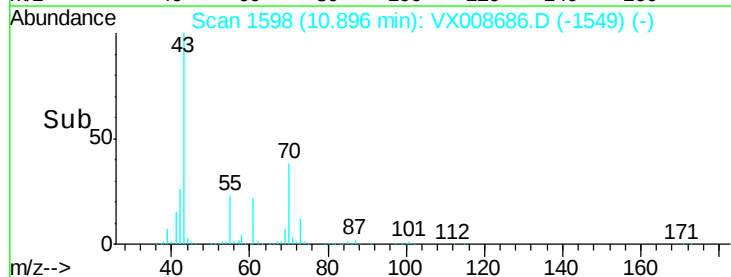
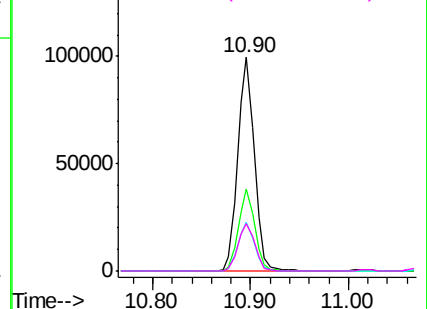


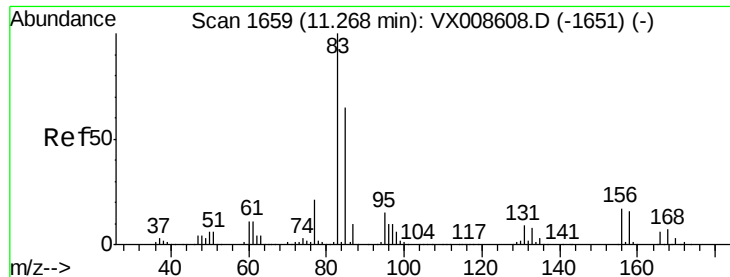
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.087 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBS02

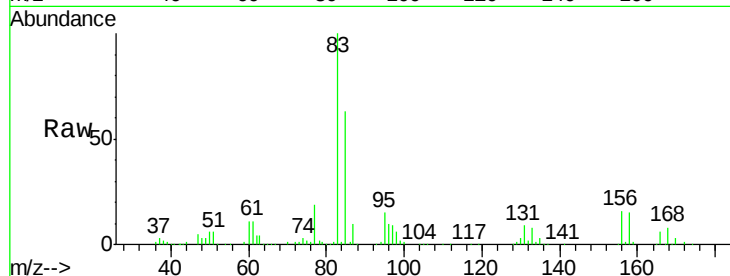
Tot Ion: 83 Resp: 74105

Ion Ratio Lower Upper

83 100

131 9.4 4.5 13.7

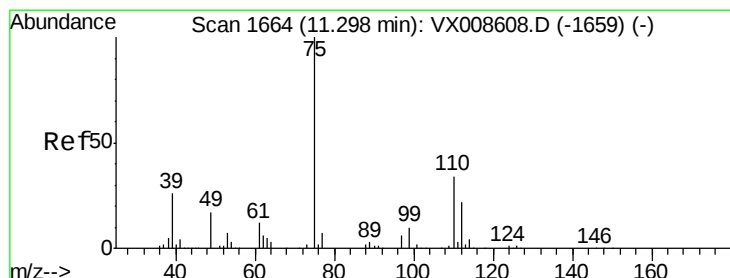
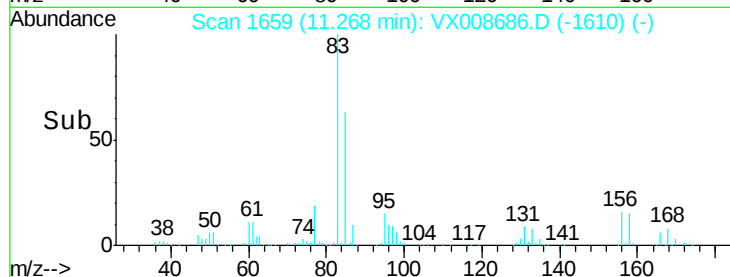
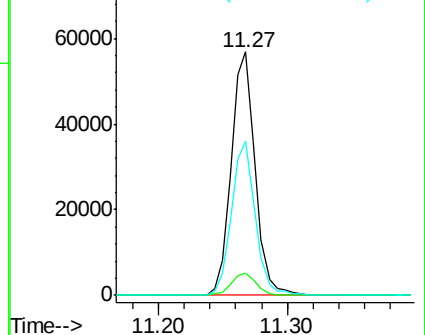
85 63.3 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.561 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008686.D

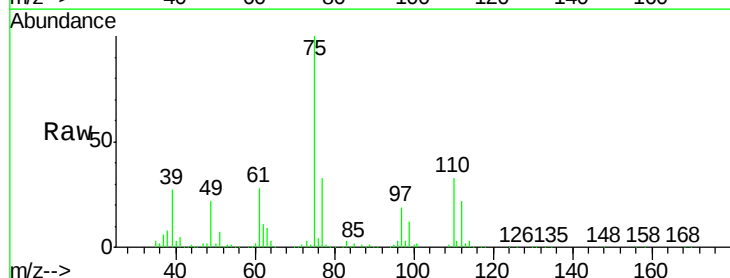
Acq: 05 Apr 2019 17:00

Tgt Ion: 75 Resp: 83113

Ion Ratio Lower Upper

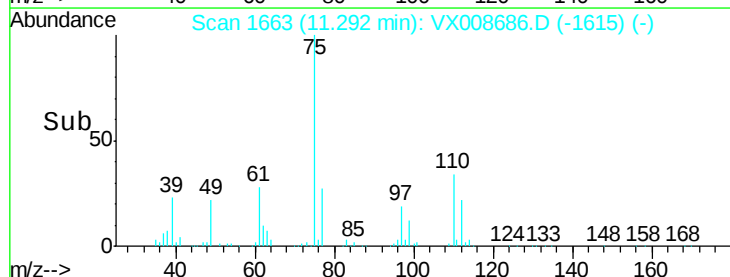
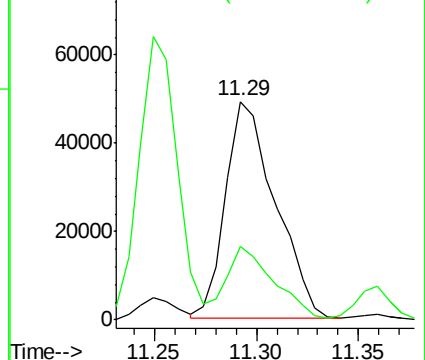
75 100

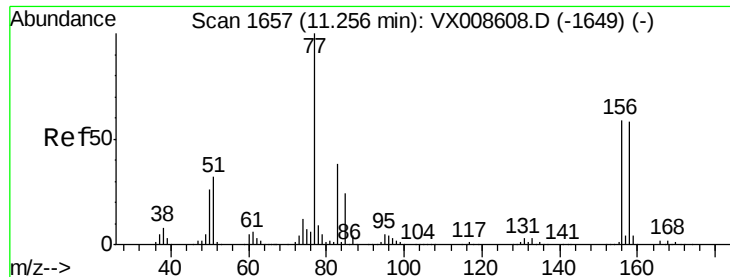
77 32.8 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.524 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBS02

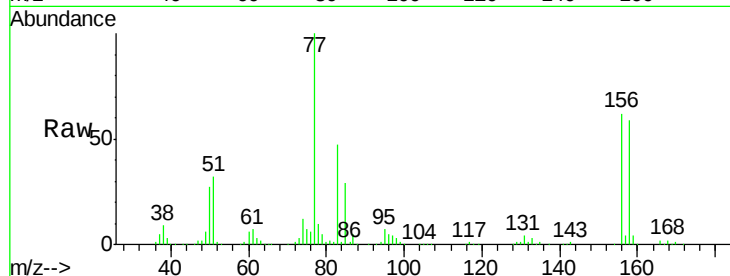
Tot Ion:156 Resp: 47915

Ion Ratio Lower Upper

156 100

77 173.4 89.8 269.6

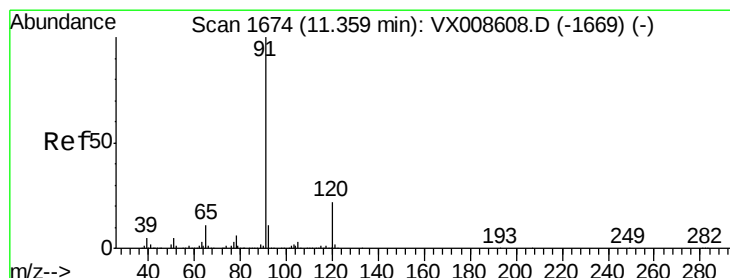
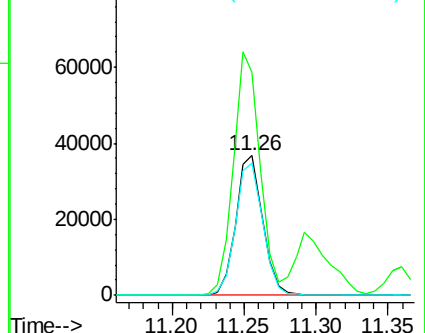
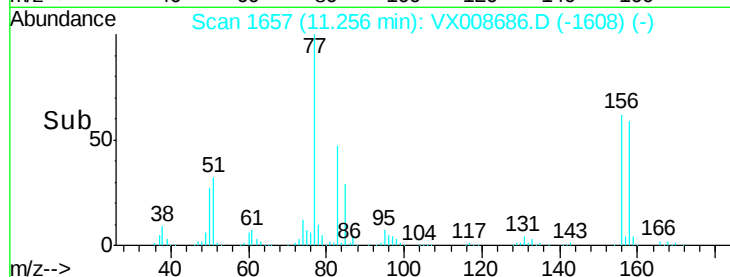
158 96.2 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.990 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008686.D

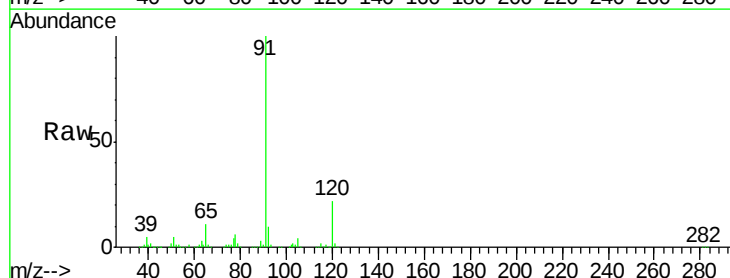
Acq: 05 Apr 2019 17:00

Tgt Ion: 91 Resp: 225720

Ion Ratio Lower Upper

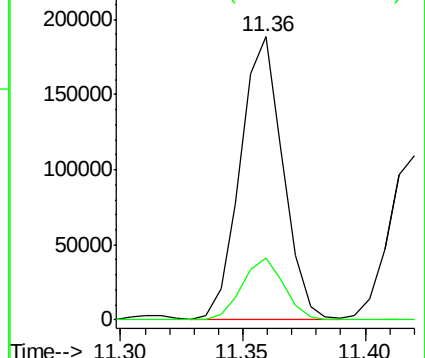
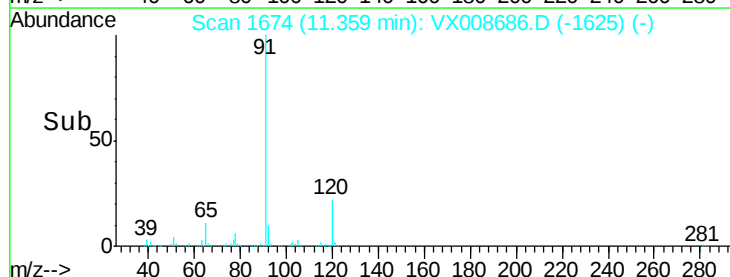
91 100

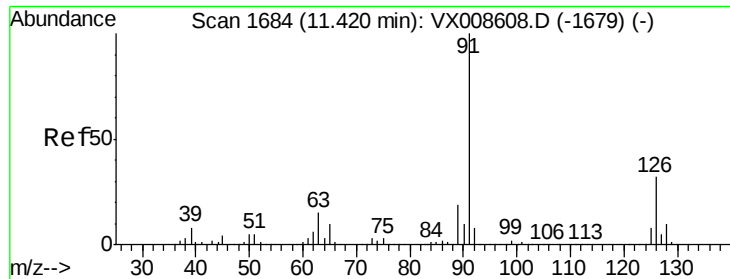
120 21.9 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.023 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

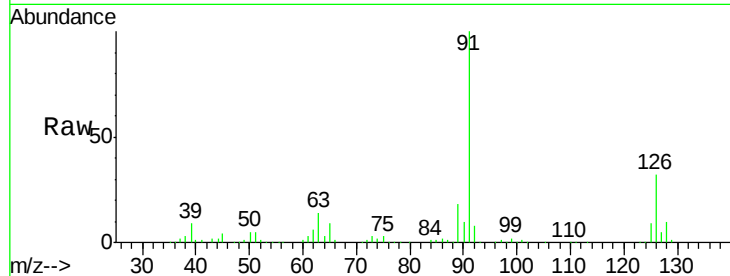
VX0405WBS02

Tot Ion: 91 Resp: 136832

Ion Ratio Lower Upper

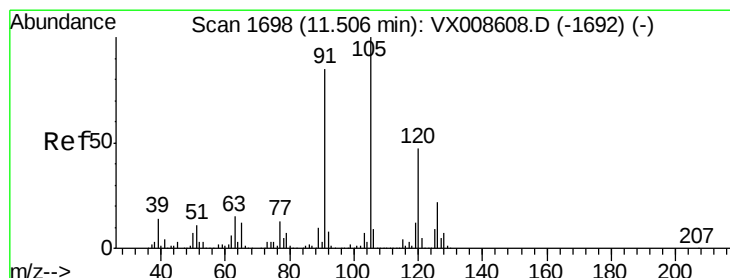
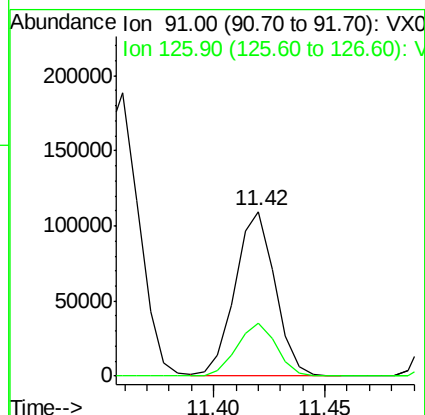
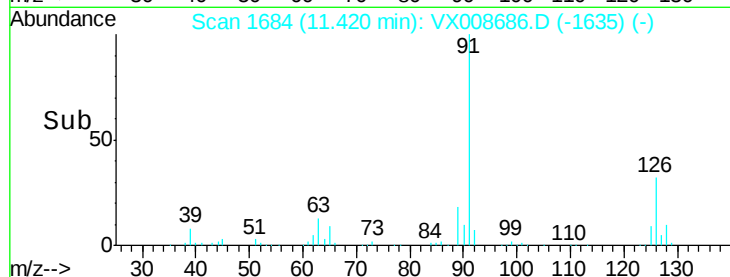
91 100

126 31.8 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX008686.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008686.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.423 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008686.D

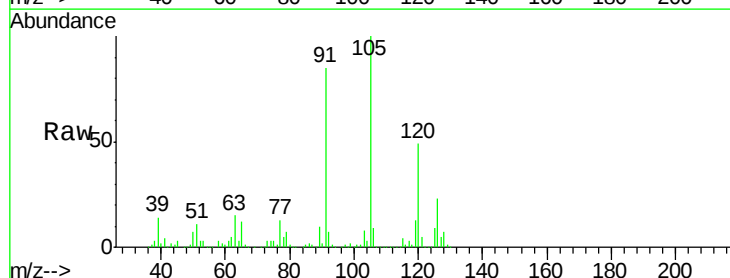
Acq: 05 Apr 2019 17:00

Tgt Ion:105 Resp: 166435

Ion Ratio Lower Upper

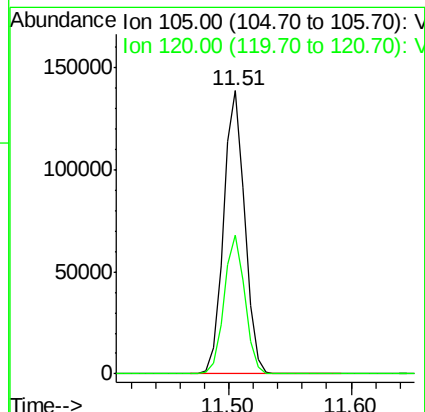
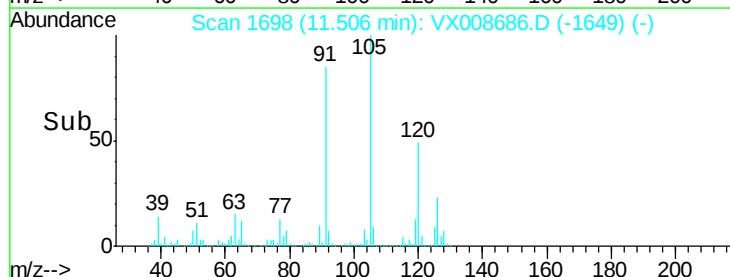
105 100

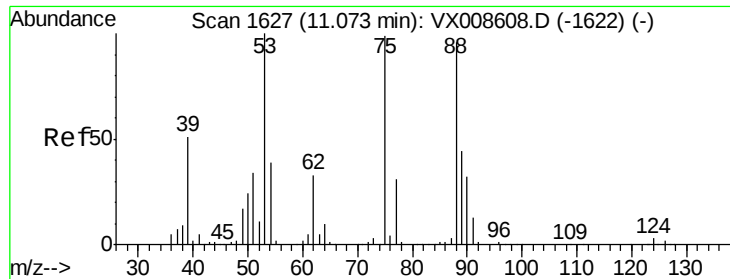
120 48.0 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008686.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008686.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.436 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBS02

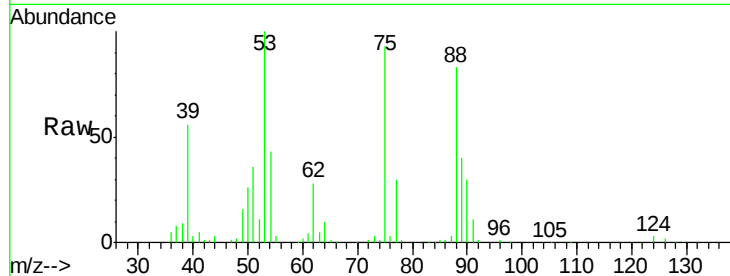
Tot Ion: 75 Resp: 22632

Ion Ratio Lower Upper

75 100

53 107.2 81.3 121.9

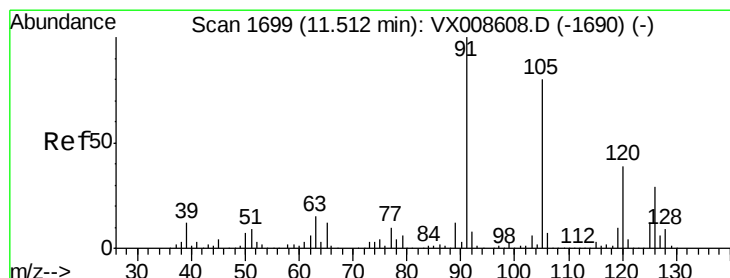
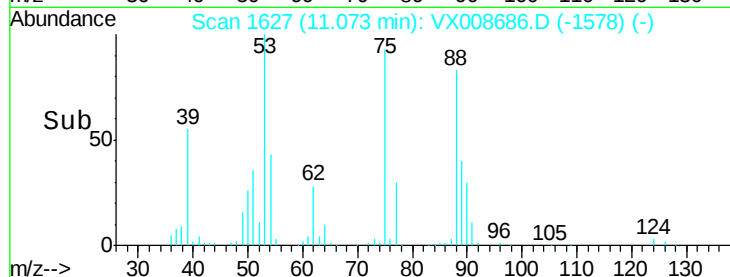
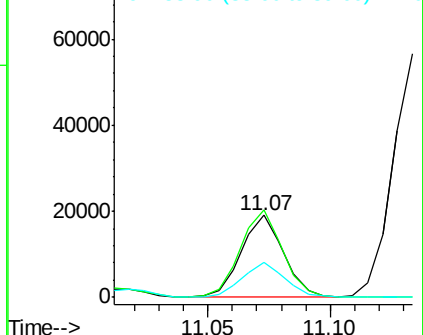
89 43.8 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.667 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008686.D

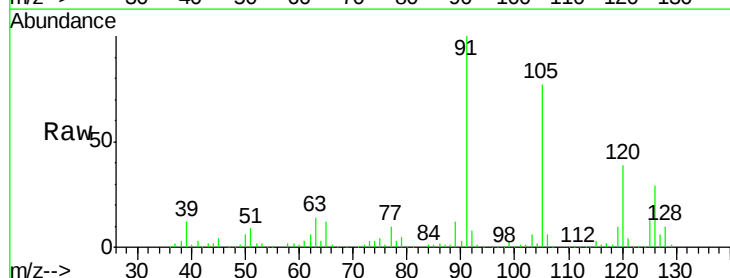
Acq: 05 Apr 2019 17:00

Tgt Ion: 91 Resp: 155429

Ion Ratio Lower Upper

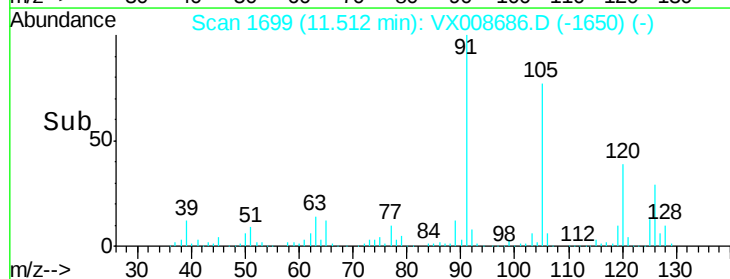
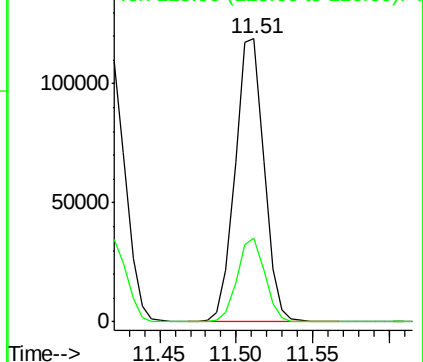
91 100

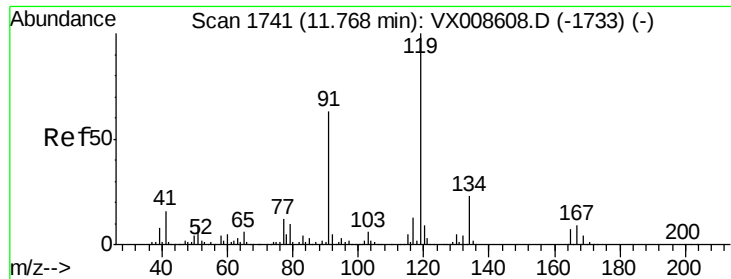
126 28.6 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

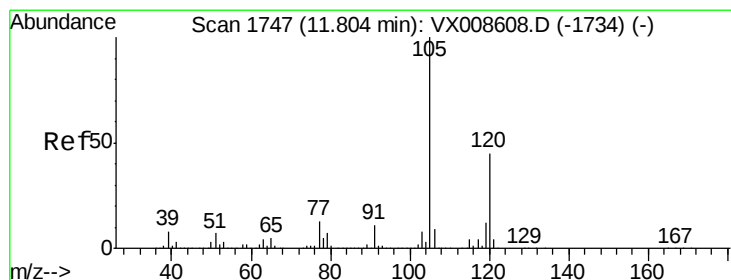
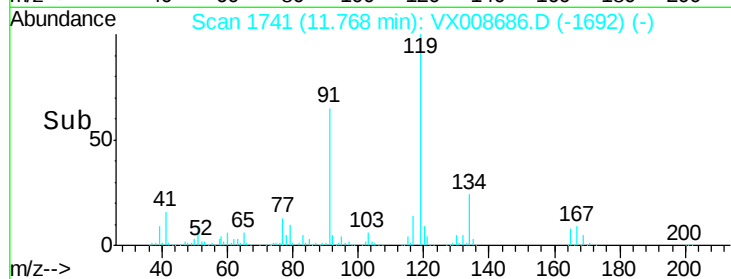
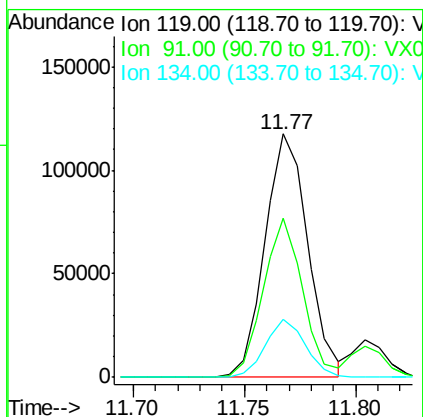
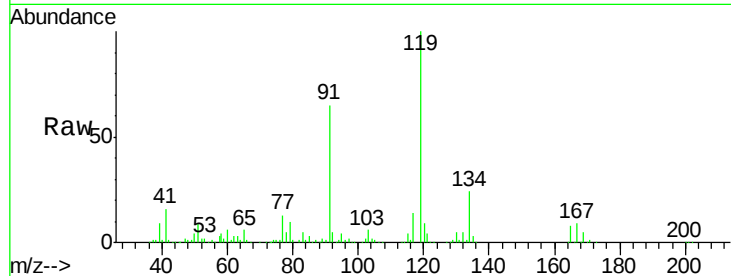




#83
 tert-Butylbenzene
 Concen: 19.073 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008686.D
 Acq: 05 Apr 2019 17:00

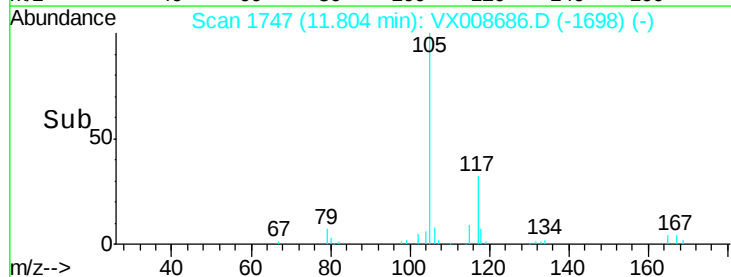
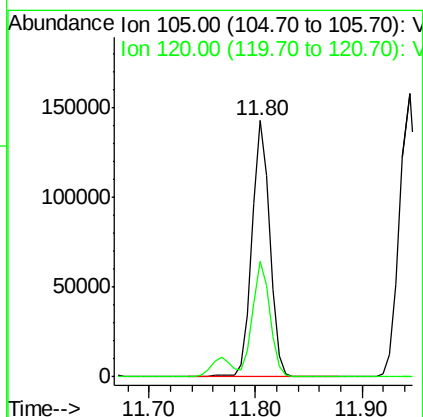
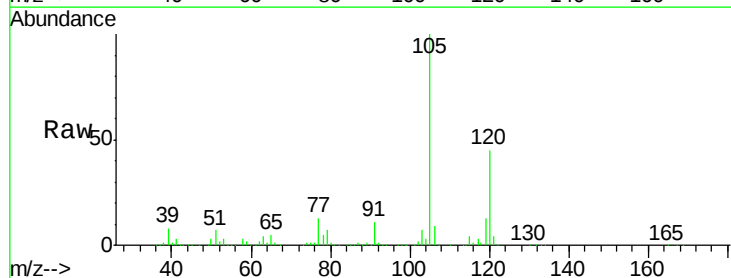
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS02

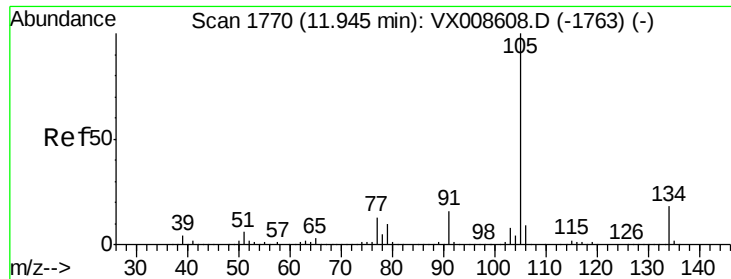
Tot Ion:119 Resp: 157236
 Ion Ratio Lower Upper
 119 100
 91 60.4 30.0 90.1
 134 22.4 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.399 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008686.D
 Acq: 05 Apr 2019 17:00

Tgt Ion:105 Resp: 168322
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.8 65.3





#85

sec-Butylbenzene

Concen: 19.483 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampled :

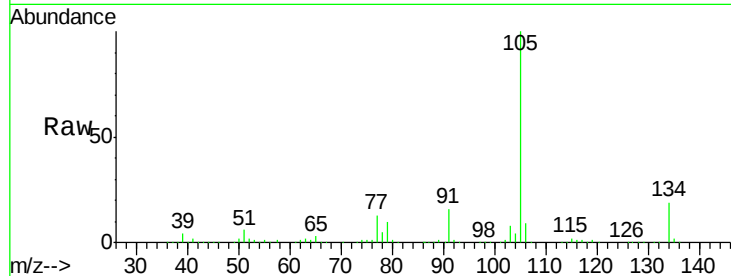
VX0405WBS02

Tot Ion:105 Resp: 190788

Ion Ratio Lower Upper

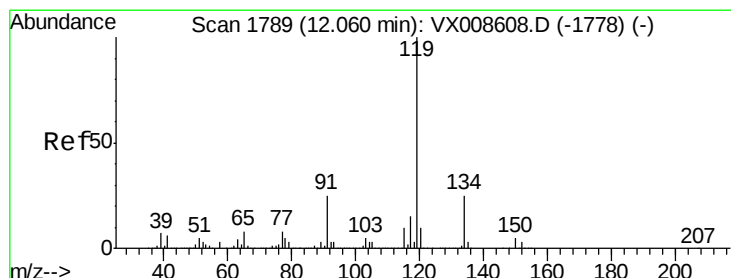
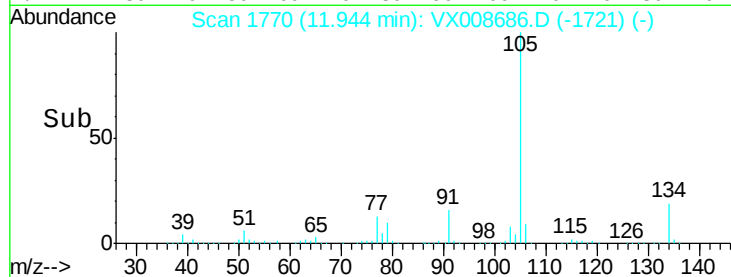
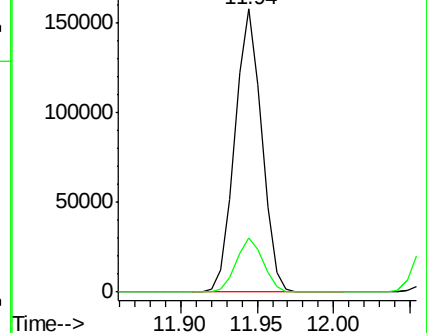
105 100

134 19.3 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.373 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

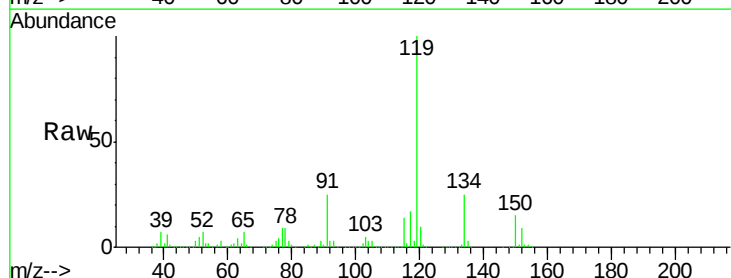
Tgt Ion:119 Resp: 170275

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

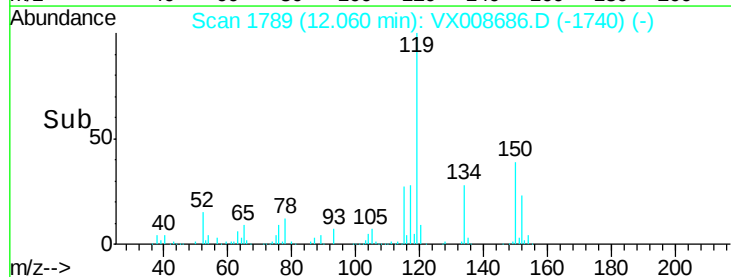
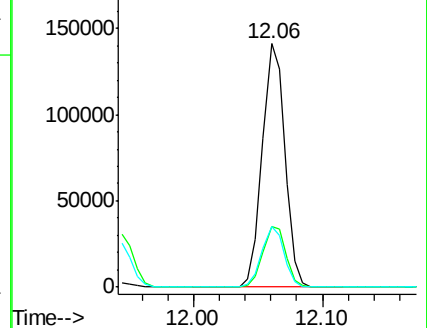
91 24.7 12.2 36.6

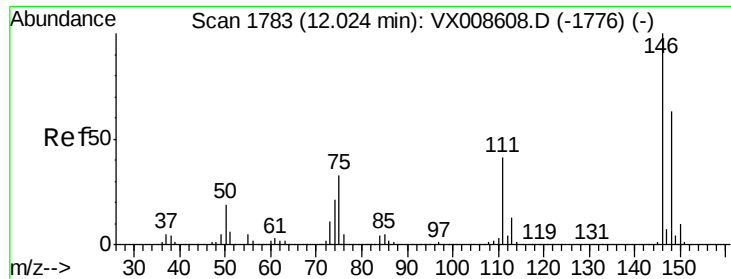


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

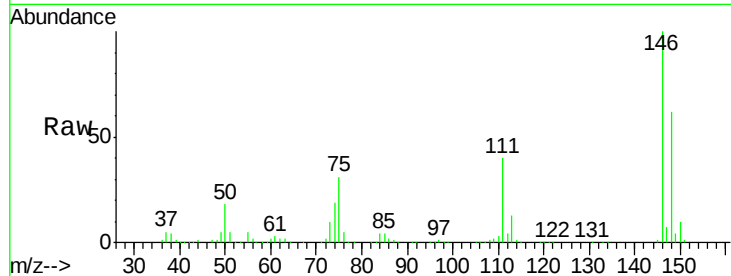




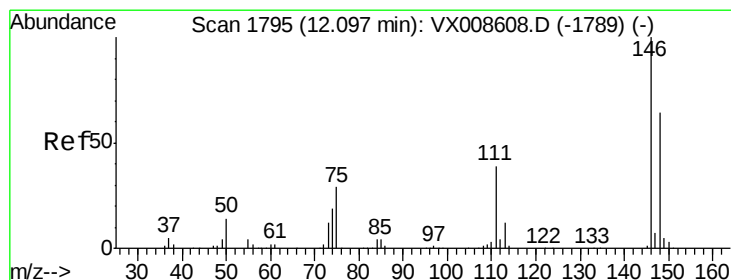
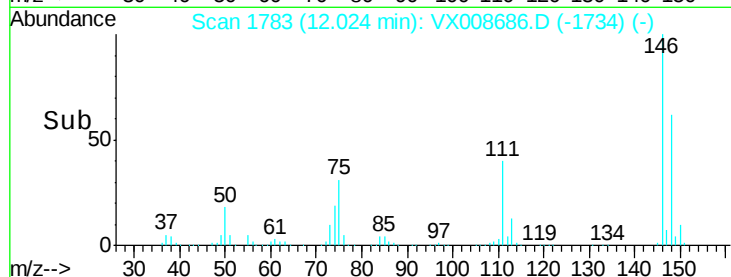
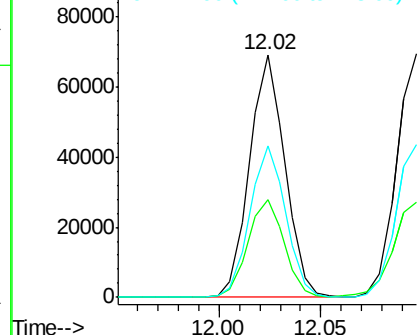
#87
 1,3-Dichlorobenzene
 Concen: 19.023 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008686.D
 Acq: 05 Apr 2019 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS02

Tot Ion:146 Resp: 83576
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.5 61.5
 148 63.1 31.6 94.7

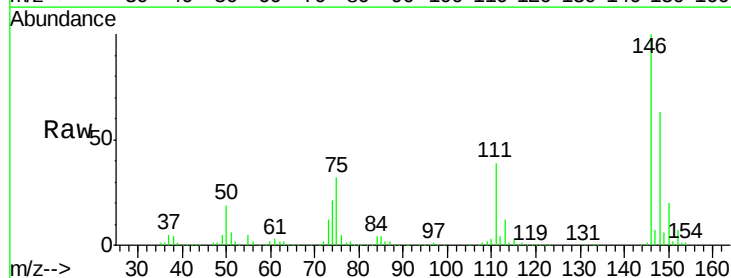


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

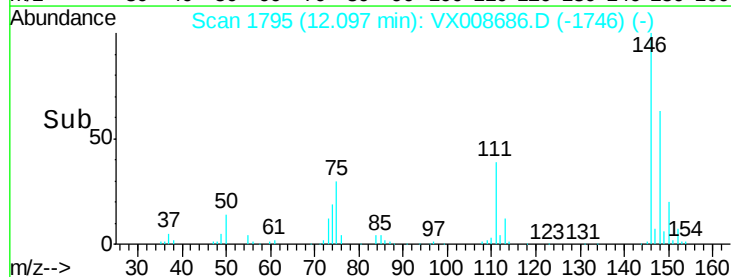
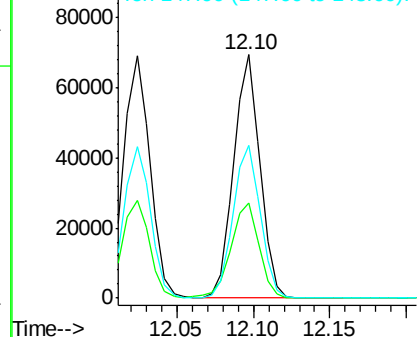


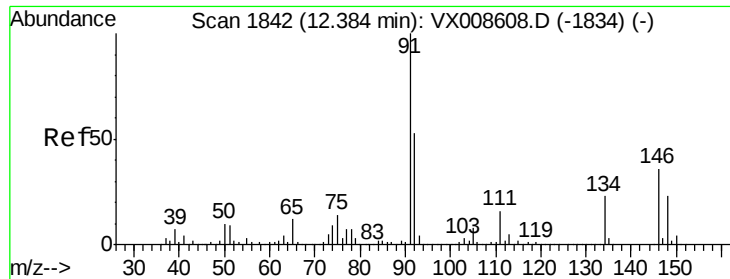
#88
 1,4-Dichlorobenzene
 Concen: 18.634 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008686.D
 Acq: 05 Apr 2019 17:00

Tgt Ion:146 Resp: 82897
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.2 60.6
 148 64.8 32.0 96.0



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

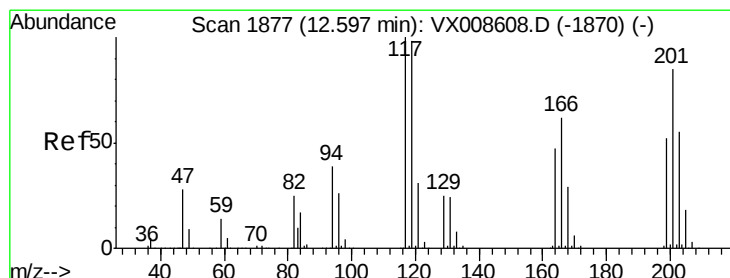
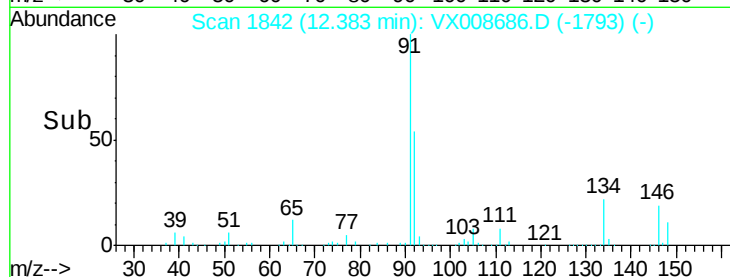
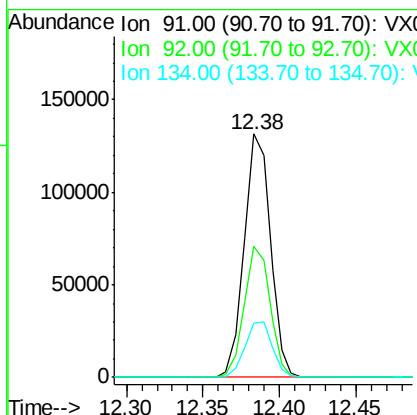
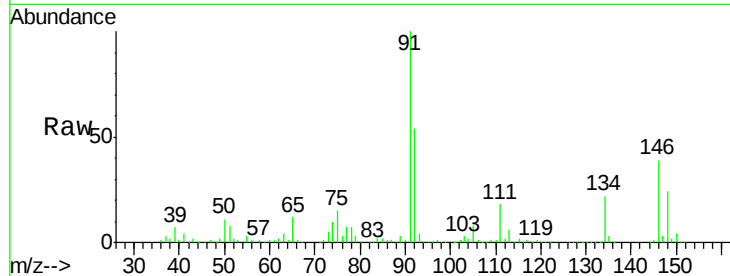




#89
n-Butylbenzene
Concen: 19.071 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

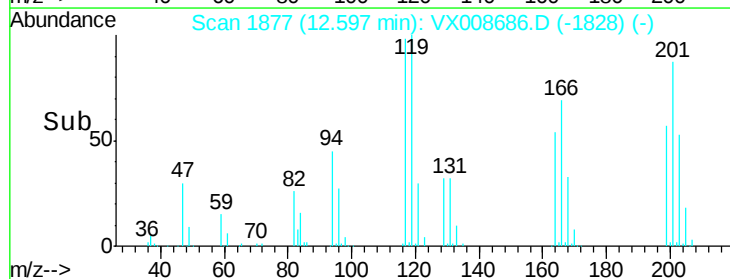
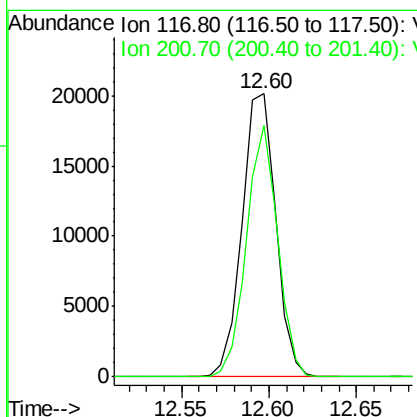
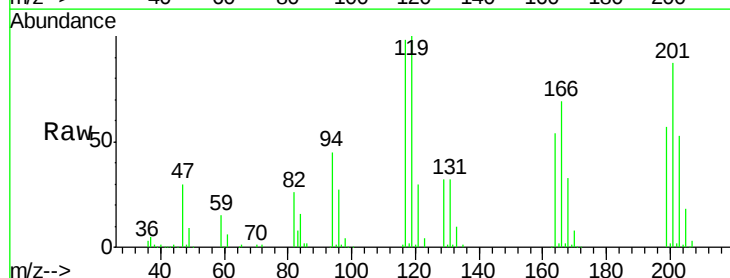
Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS02

Tot Ion: 91 Resp: 157197
Ion Ratio Lower Upper
91 100
92 53.2 26.4 79.2
134 23.7 12.0 36.0



#90
Hexachloroethane
Concen: 18.557 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

Tgt Ion: 117 Resp: 27052
Ion Ratio Lower Upper
117 100
201 81.7 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 19.289 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBS02

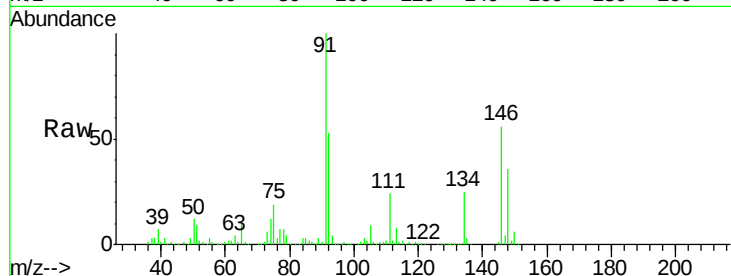
Tot Ion:146 Resp: 84141

Ion Ratio Lower Upper

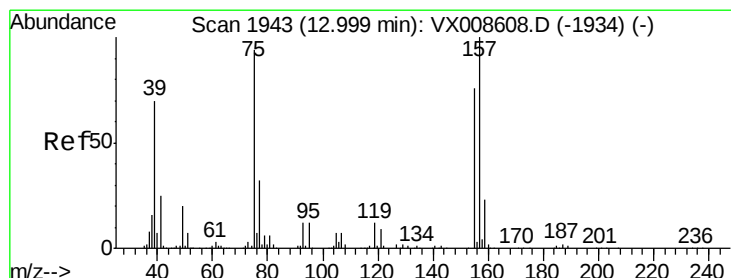
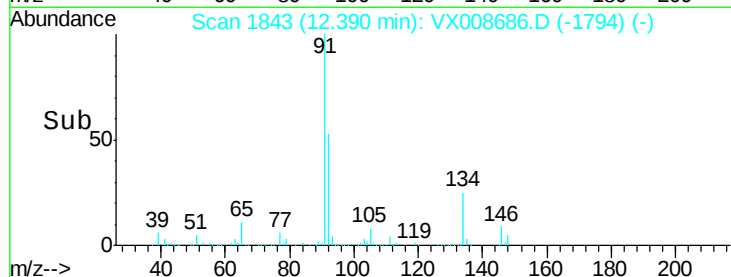
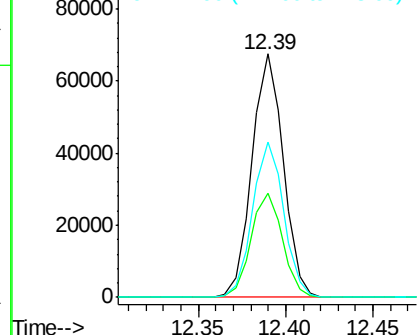
146 100

111 42.7 21.3 63.9

148 63.7 31.7 95.1



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: 18.467 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008686.D

Acq: 05 Apr 2019 17:00

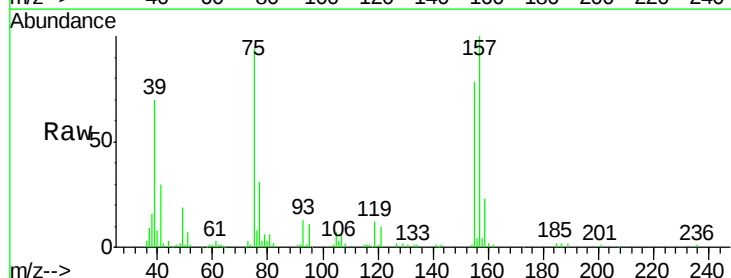
Tgt Ion: 75 Resp: 15772

Ion Ratio Lower Upper

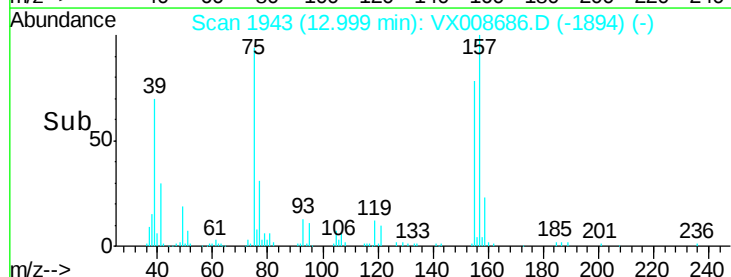
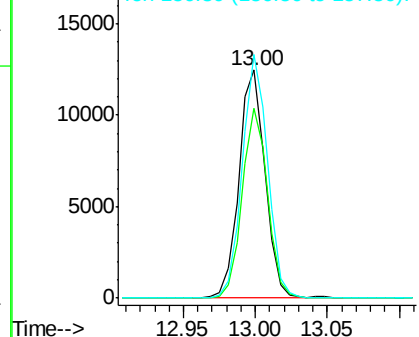
75 100

155 80.1 39.9 119.6

157 102.5 51.5 154.7



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

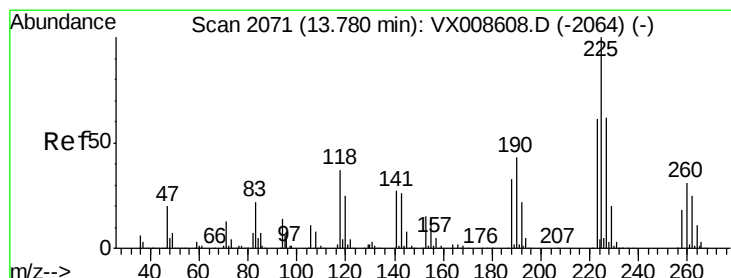
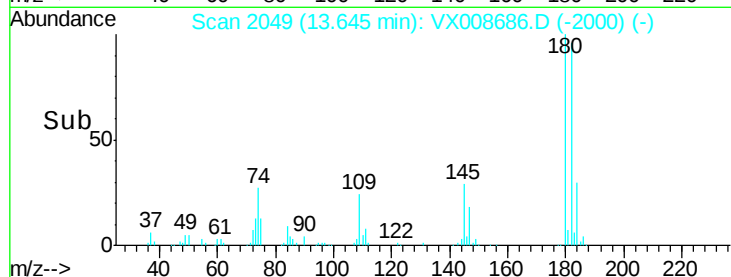
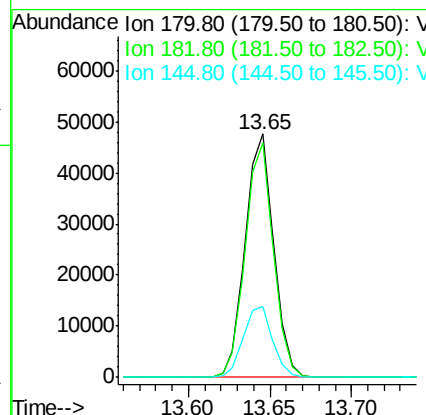
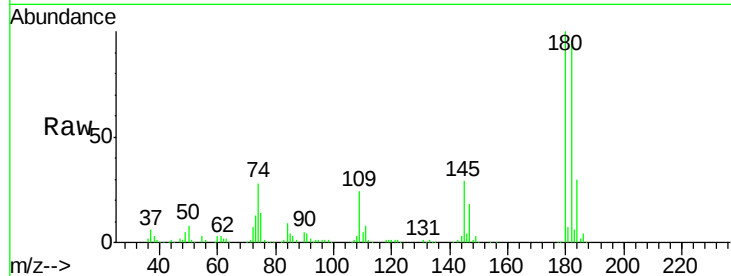




#93
 1,2,4-Trichlorobenzene
 Concen: 19.161 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008686.D
 Acq: 05 Apr 2019 17:00

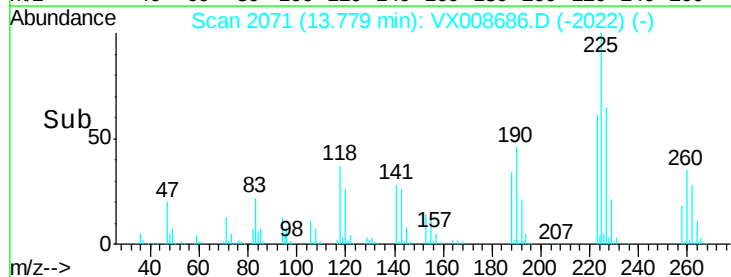
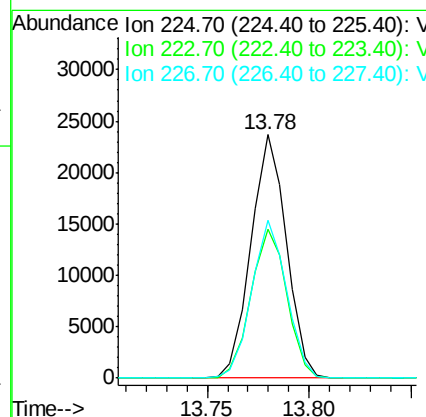
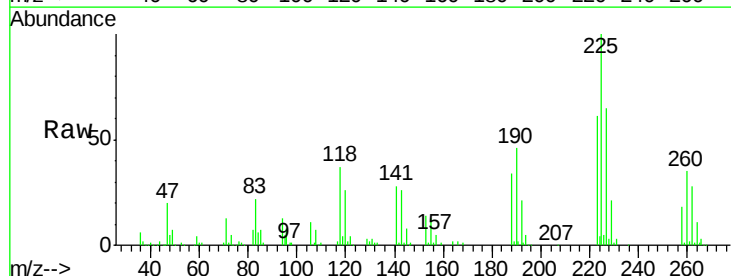
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS02

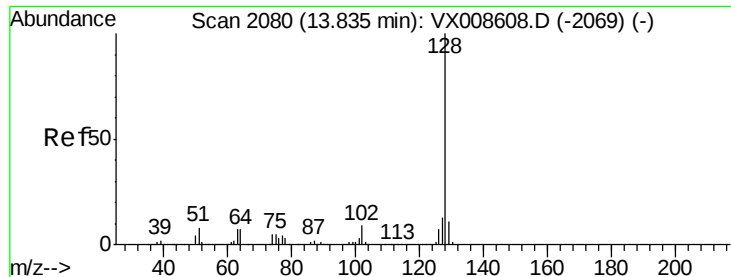
Tot Ion:180 Resp: 58114
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.2 141.6
 145 29.8 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 19.639 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008686.D
 Acq: 05 Apr 2019 17:00

Tgt Ion:225 Resp: 28566
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.2 93.6
 227 63.7 31.9 95.5

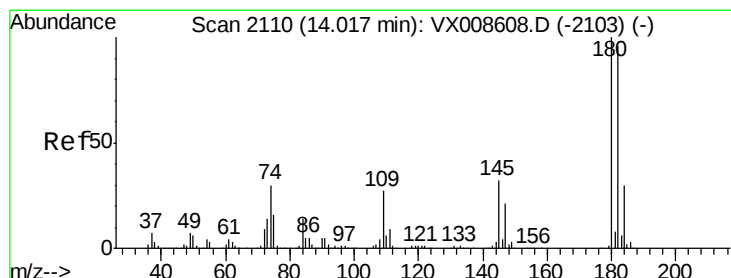
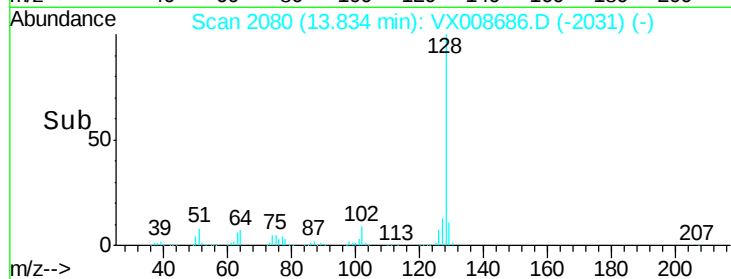
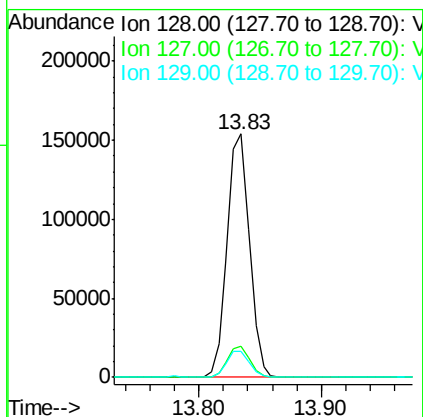
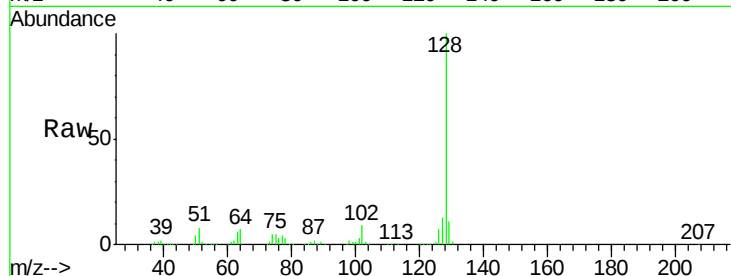




#95
Naphthalene
Concen: 19.140 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS02

Tot Ion:128 Resp: 194020
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.135 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008686.D
Acq: 05 Apr 2019 17:00

Tgt Ion:180 Resp: 57985
Ion Ratio Lower Upper
180 100
182 93.6 48.1 144.3
145 32.1 16.3 48.8

