

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008612.D
 Acq On : 03 Apr 2019 12:16
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Apr 04 04:11:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:04:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	191732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	321327	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122184	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	4125	1.48	ug/l	0.00
Spiked Amount			Recovery	=	2.96%	
35) Dibromofluoromethane	5.50	113	2949	1.44	ug/l	0.00
Spiked Amount			Recovery	=	2.88%	
50) Toluene-d8	8.71	98	10333	1.26	ug/l	0.00
Spiked Amount			Recovery	=	2.52%	
62) 4-Bromofluorobenzene	11.13	95	3894	1.34	ug/l	0.00
Spiked Amount			Recovery	=	2.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	2459	1.114	ug/l	96
3) Chloromethane	1.32	50	3768	1.236	ug/l	96
4) Vinyl Chloride	1.41	62	3221	1.080	ug/l	90
5) Bromomethane	1.64	94	2357	1.481	ug/l	99
6) Chloroethane	1.72	64	4828	2.303	ug/l #	79
7) Trichlorofluoromethane	1.93	101	3484	1.056	ug/l	99
8) Diethyl Ether	2.18	74	1701	1.088	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	2245	1.057	ug/l	92
10) Methyl Iodide	2.51	142	1309	0.748	ug/l	96
11) Tert butyl alcohol	3.05	59	3702	5.654	ug/l #	91
12) 1,1-Dichloroethene	2.38	96	2545	1.148	ug/l #	75
13) Acrolein	2.29	56	2006	6.179	ug/l	92
14) Allyl chloride	2.73	41	5426	1.069	ug/l	94
15) Acrylonitrile	3.15	53	9548	5.505	ug/l	99
16) Acetone	2.44	43	8433	5.236	ug/l	94
17) Carbon Disulfide	2.57	76	10117	1.421	ug/l	97
18) Methyl Acetate	2.77	43	4561	1.168	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	7503	0.948	ug/l	91
20) Methylene Chloride	2.85	84	3284	1.218	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	2807	1.171	ug/l	96
22) Diisopropyl ether	3.85	45	10115	1.034	ug/l #	75
23) Vinyl Acetate	3.82	43	39727	4.669	ug/l	99
24) 1,1-Dichloroethane	3.70	63	4927	1.017	ug/l	95
25) 2-Butanone	4.68	43	12637	4.964	ug/l	98
26) 2,2-Dichloropropane	4.59	77	3298	0.967	ug/l	88
27) cis-1,2-Dichloroethene	4.60	96	3103	1.126	ug/l	97
28) Bromochloromethane	5.02	49	2898	1.261	ug/l	90
29) Tetrahydrofuran	5.14	42	9150	5.415	ug/l	99
30) Chloroform	5.21	83	4435	1.025	ug/l	90
31) Cyclohexane	5.58	56	5249	1.086	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	3406	0.975	ug/l #	51
36) 1,1-Dichloropropene	5.80	75	3992	1.137	ug/l	99
37) Ethyl Acetate	4.84	43	4533	0.967	ug/l #	86
38) Carbon Tetrachloride	5.79	117	2696	0.927	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040319\
 Data File : VX008612.D
 Acq On : 03 Apr 2019 12:16
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Apr 04 04:11:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:04:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	4657	1.073	ug/l	96
40) Benzene	6.14	78	10688	1.021	ug/l	91
41) Methacrylonitrile	5.04	41	2897	1.075	ug/l #	96
42) 1,2-Dichloroethane	6.19	62	3982	1.061	ug/l	98
43) Isopropyl Acetate	6.45	43	6885	0.937	ug/l	96
44) Trichloroethene	7.21	130	2538	1.041	ug/l	71
45) 1,2-Dichloropropane	7.52	63	3060	1.025	ug/l	89
46) Dibromomethane	7.66	93	1933	1.116	ug/l	96
47) Bromodichloromethane	7.90	83	3005	0.920	ug/l #	90
48) Methyl methacrylate	7.77	41	3706	0.998	ug/l	94
49) 1,4-Dioxane	7.75	88	1443	20.734	ug/l #	75
51) 4-Methyl-2-Pentanone	8.64	43	22051	4.664	ug/l	96
52) Toluene	8.78	92	6113	0.991	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	3168	0.866	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	3862	0.924	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	2498	1.009	ug/l	94
56) Ethyl methacrylate	9.18	69	4126	0.921	ug/l	97
57) 1,3-Dichloropropane	9.37	76	4528	1.018	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.31	63	10487	4.584	ug/l	99
59) 2-Hexanone	9.49	43	17366	4.726	ug/l	100
60) Dibromochloromethane	9.58	129	2056	0.881	ug/l	98
61) 1,2-Dibromoethane	9.67	107	2634	1.022	ug/l	97
64) Tetrachloroethene	9.34	164	2288	1.097	ug/l	92
65) Chlorobenzene	10.13	112	6532	1.046	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	2090	0.954	ug/l #	64
67) Ethyl Benzene	10.25	91	11389	0.978	ug/l	94
68) m/p-Xylenes	10.36	106	7986	1.908	ug/l	95
69) o-Xylene	10.69	106	3996	0.985	ug/l	99
70) Styrene	10.71	104	6519	0.932	ug/l	95
71) Bromoform	10.86	173	1357	0.811	ug/l #	90
73) Isopropylbenzene	11.02	105	10100	0.997	ug/l	98
74) N-amyl acetate	10.90	43	5828	0.978	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	4090	1.062	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	4912	1.360	ug/l	80
77) Bromobenzene	11.26	156	2539	1.043	ug/l	98
78) n-propylbenzene	11.36	91	11378	0.965	ug/l	99
79) 2-Chlorotoluene	11.42	91	7655	1.073	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	8117	0.955	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	1019	0.837	ug/l #	68
82) 4-Chlorotoluene	11.51	91	8812	1.067	ug/l	100
83) tert-Butylbenzene	11.77	119	7958	0.973	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	8306	0.965	ug/l	95
85) sec-Butylbenzene	11.94	105	9304	0.958	ug/l	97
86) p-Isopropyltoluene	12.06	119	8145	0.934	ug/l	91
87) 1,3-Dichlorobenzene	12.02	146	4818	1.106	ug/l	99
88) 1,4-Dichlorobenzene	12.02	146	4818	1.092	ug/l	97
89) n-Butylbenzene	12.38	91	7507	0.918	ug/l	99
90) Hexachloroethane	12.59	117	1308	0.905	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	4643	1.073	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	863	1.019	ug/l	92

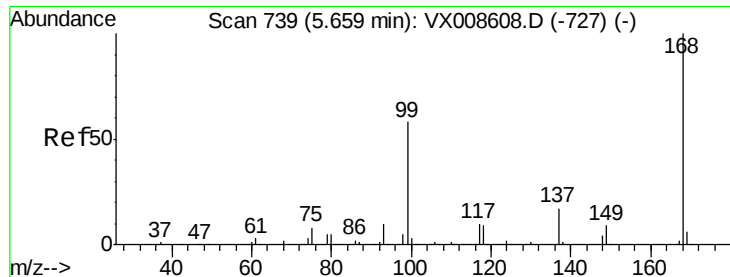
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040319\
Data File : VX008612.D
Acq On : 03 Apr 2019 12:16
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Apr 04 04:11:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:04:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	3316	1.102	ug/l	96
94) Hexachlorobutadiene	13.78	225	1401	0.971	ug/l	91
95) Naphthalene	13.83	128	10404	1.035	ug/l	97
96) 1,2,3-Trichlorobenzene	14.02	180	3277	1.090	ug/l	95

(#) = 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: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

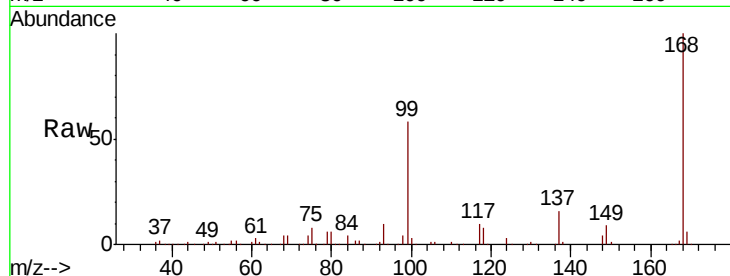
VSTDIC001

Tot Ion:168 Resp: 191732

Ion Ratio Lower Upper

168 100

99 57.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

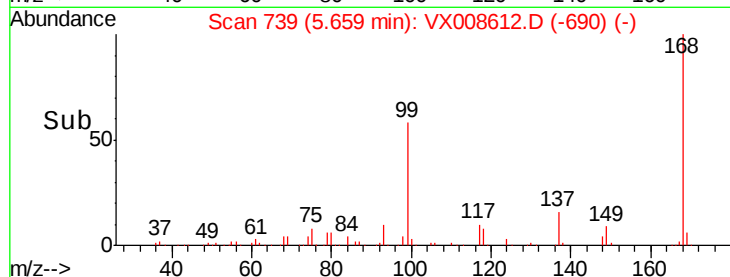
60000

40000

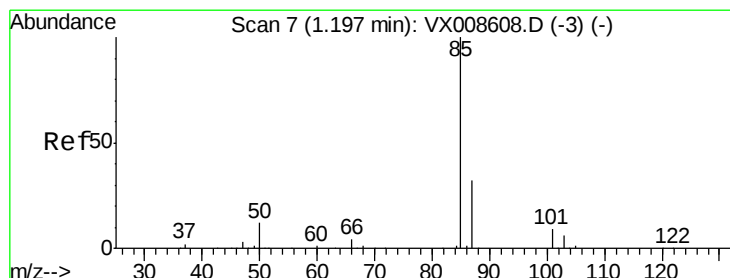
20000

0

5.50 5.60 5.70 5.80 5.90



Time-->



#2

Dichlorodifluoromethane

Concen: 1.114 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008612.D

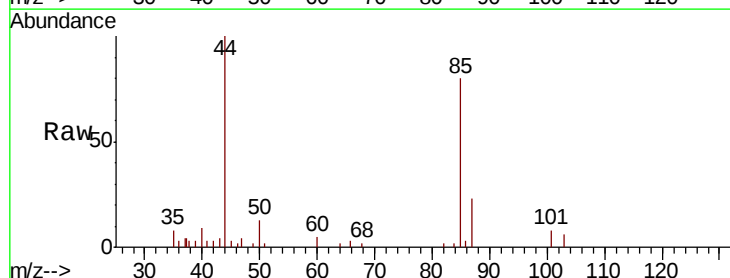
Acq: 03 Apr 2019 12:16

Tgt Ion: 85 Resp: 2459

Ion Ratio Lower Upper

85 100

87 29.5 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

2500

2000

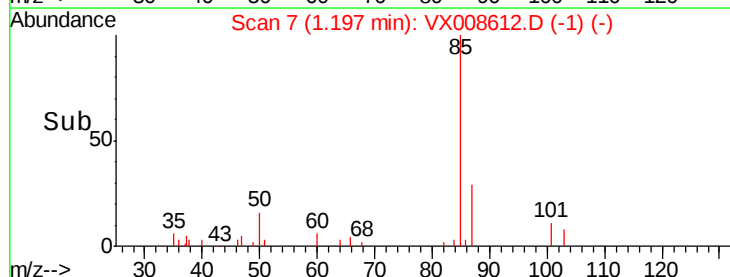
1500

1000

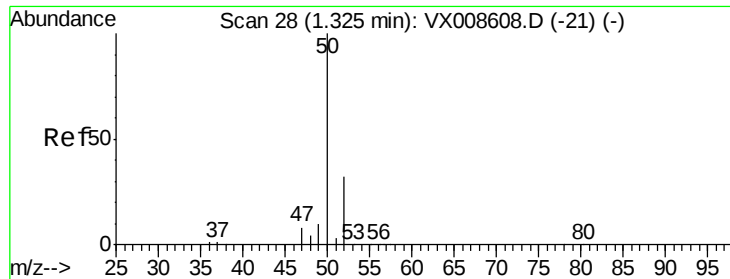
500

0

1.15 1.20 1.25



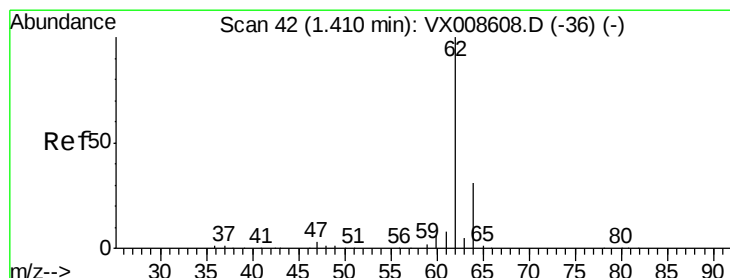
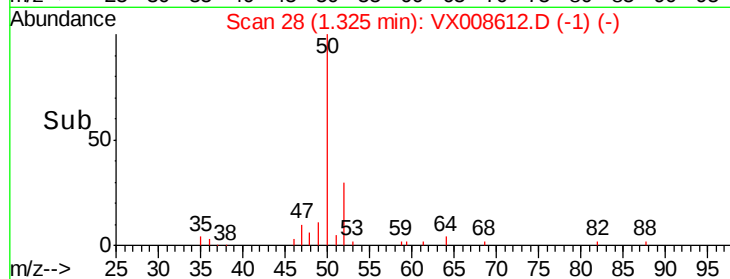
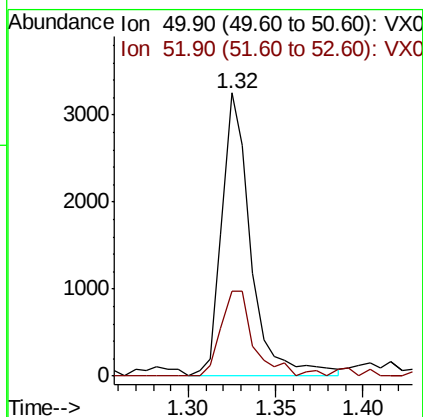
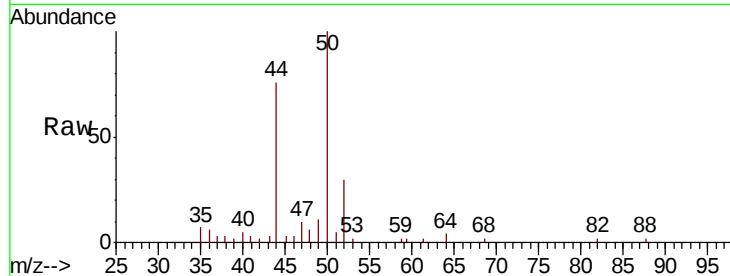
Time-->



#3
Chloromethane
Concen: 1.236 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

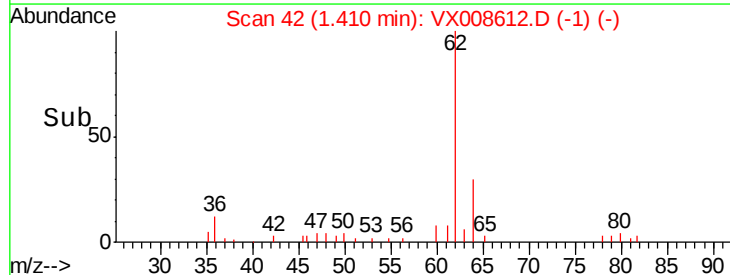
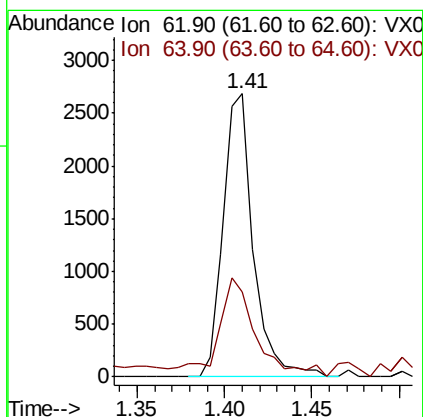
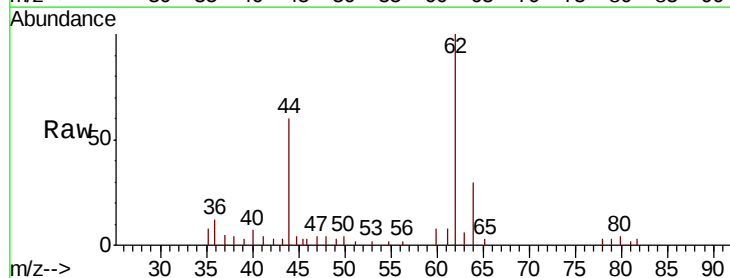
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

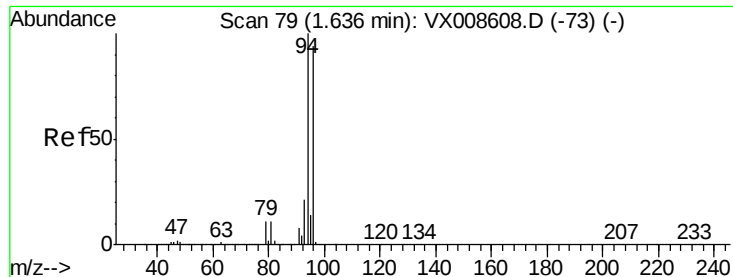
Tot Ion: 50 Resp: 3768
Ion Ratio Lower Upper
50 100
52 30.0 25.8 38.8



#4
Vinyl Chloride
Concen: 1.080 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

Tgt Ion: 62 Resp: 3221
Ion Ratio Lower Upper
62 100
64 25.6 24.7 37.1





#5

Bromomethane

Concen: 1.481 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

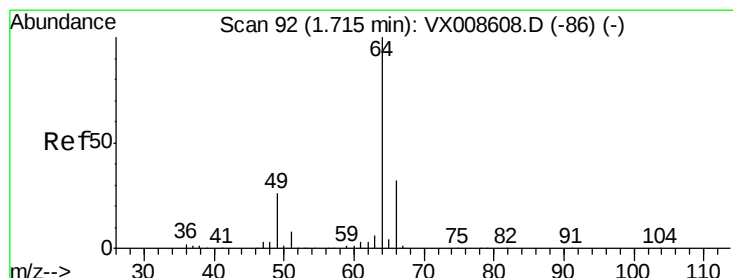
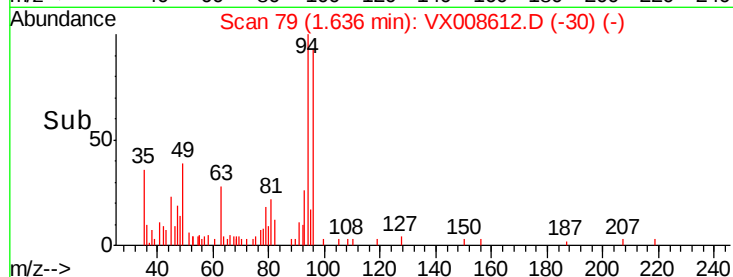
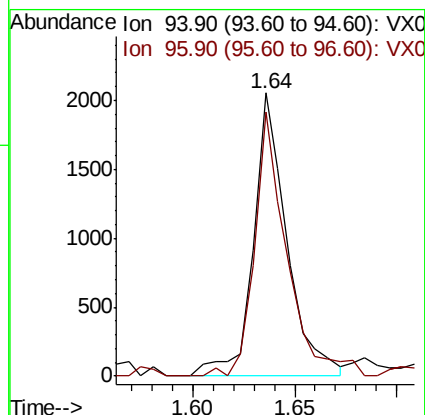
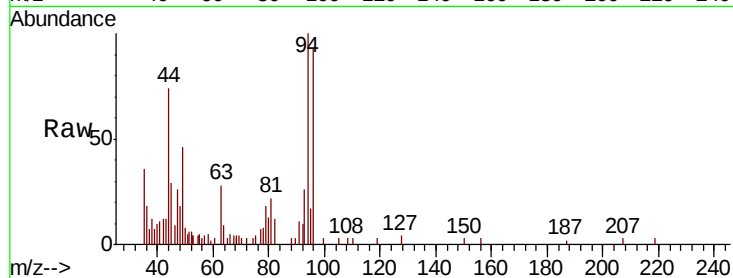
VSTDIC001

Tot Ion: 94 Resp: 2357

Ion Ratio Lower Upper

94 100

96 93.4 75.2 112.8



#6

Chloroethane

Concen: 2.303 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008612.D

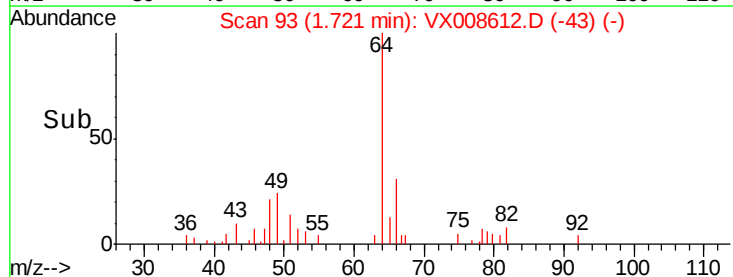
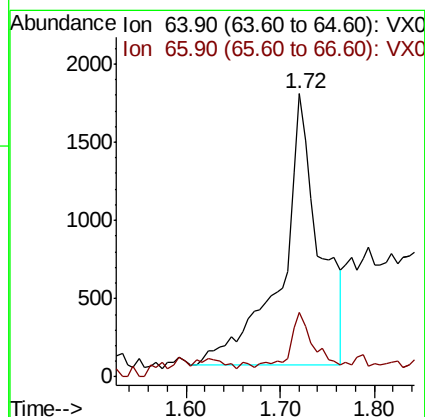
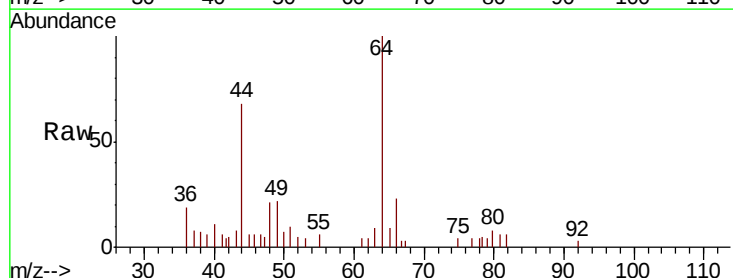
Acq: 03 Apr 2019 12:16

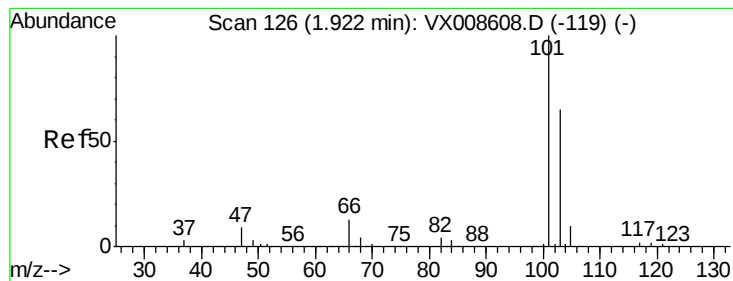
Tgt Ion: 64 Resp: 4828

Ion Ratio Lower Upper

64 100

66 20.0 25.4 38.0#



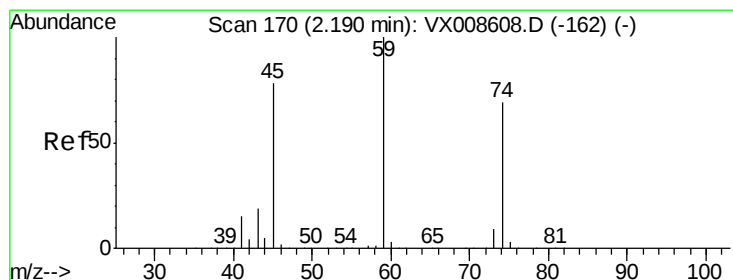
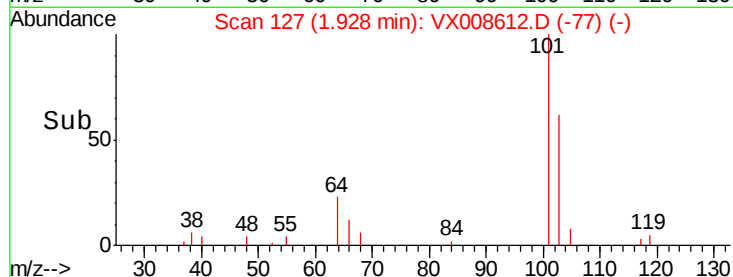
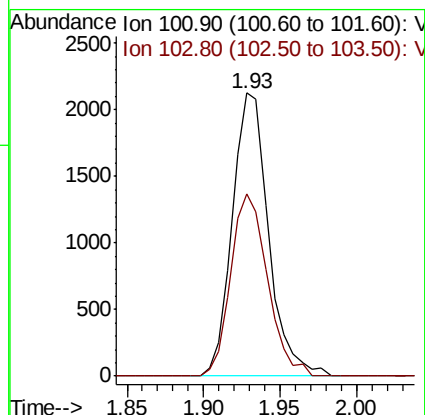
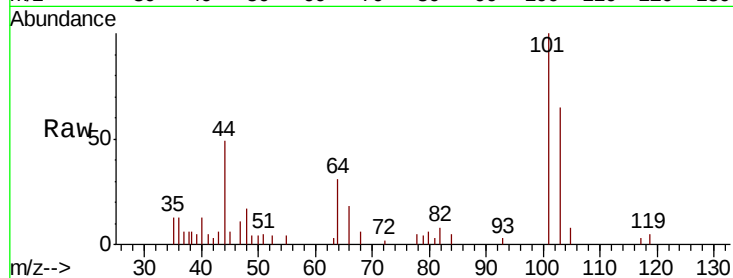


#7

Trichlorofluoromethane
 Concen: 1.056 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

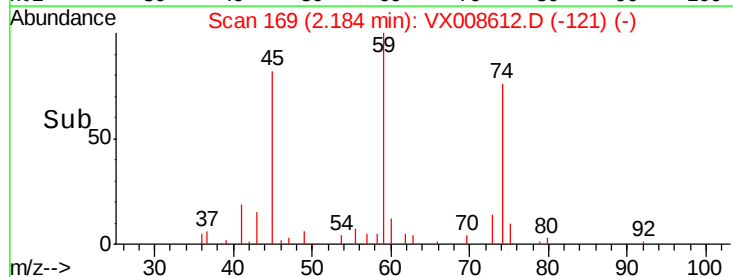
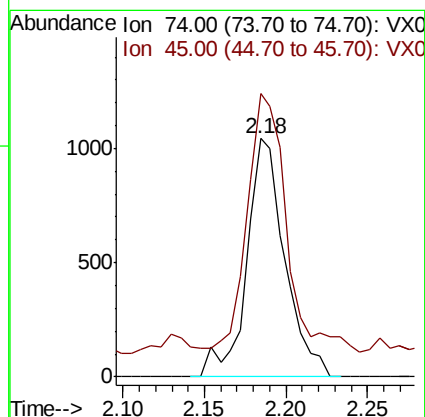
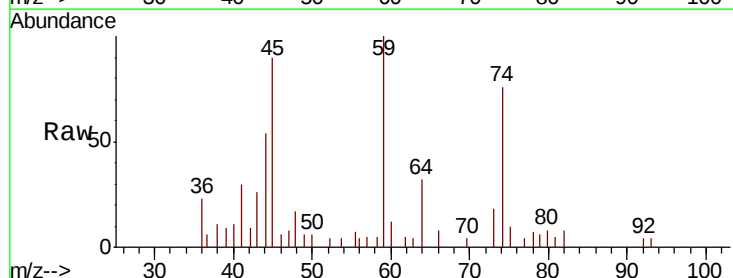
Tot Ion:101 Resp: 3484
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.3 78.5



#8

Diethyl Ether
 Concen: 1.088 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

Tgt Ion: 74 Resp: 1701
 Ion Ratio Lower Upper
 74 100
 45 113.8 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.057 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

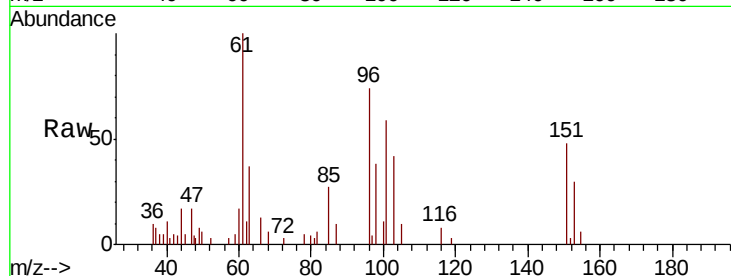
Tot Ion:101 Resp: 2245

Ion Ratio Lower Upper

101 100

85 48.5 36.0 54.0

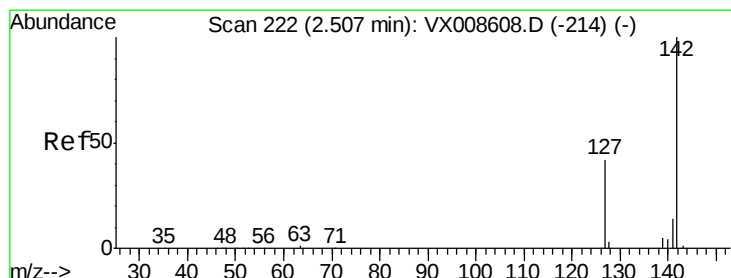
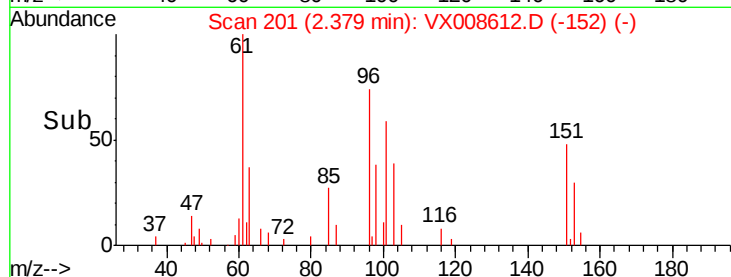
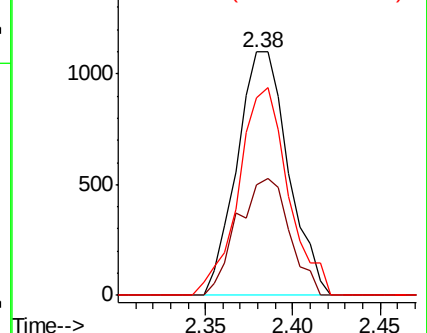
151 82.7 59.9 89.9



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: 0.748 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

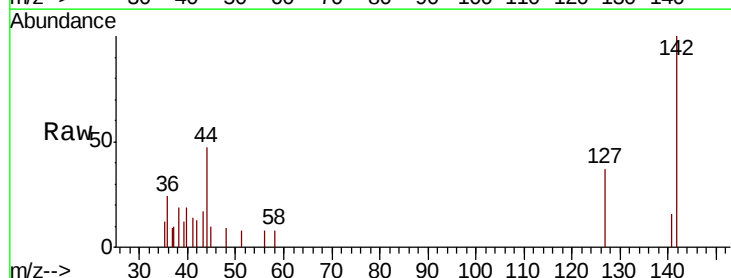
Tgt Ion:142 Resp: 1309

Ion Ratio Lower Upper

142 100

127 44.2 33.0 49.6

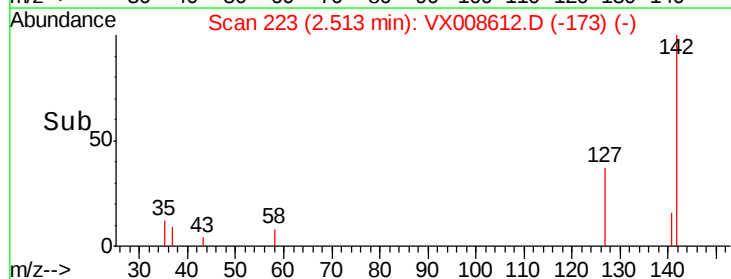
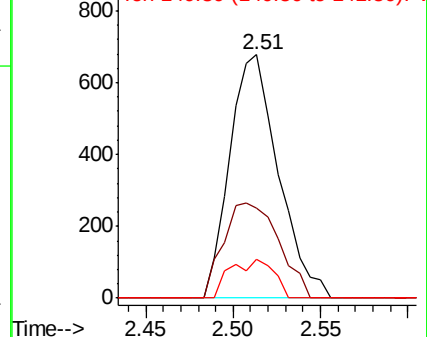
141 14.2 11.4 17.2

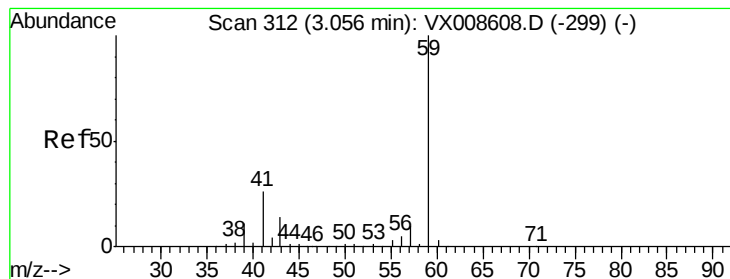


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



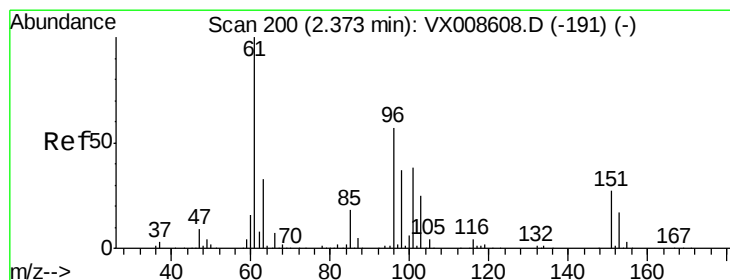
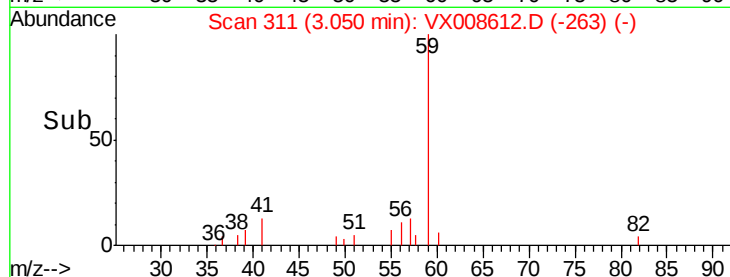
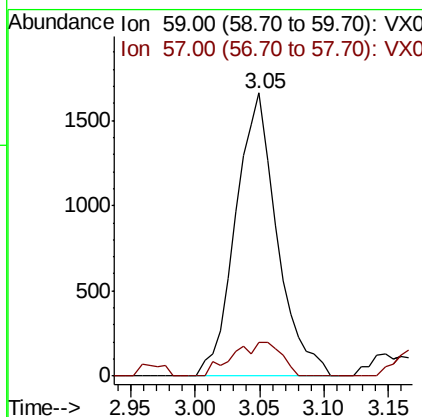
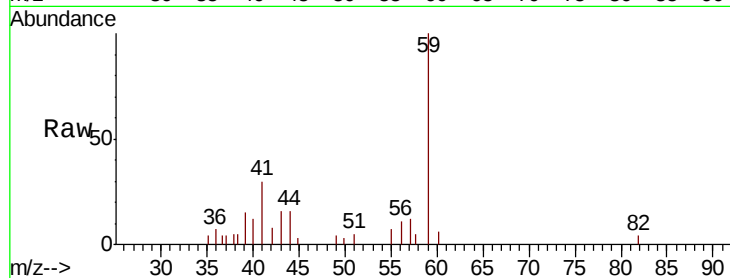


#11

Tert butyl alcohol
 Concen: 5.654 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

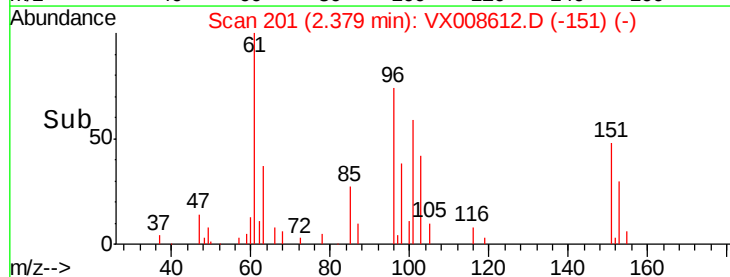
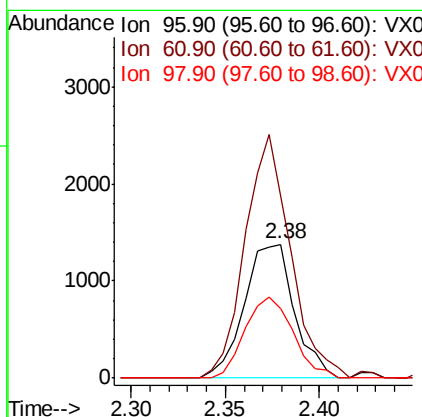
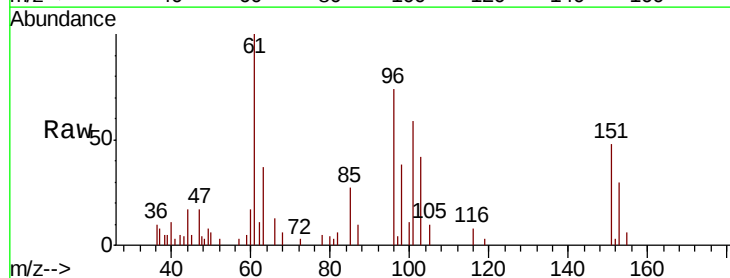
Tot Ion: 59 Resp: 3702
 Ion Ratio Lower Upper
 59 100
 57 13.9 8.3 12.5#

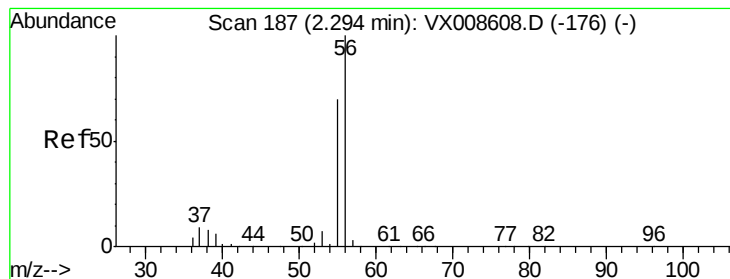


#12

1,1-Dichloroethene
 Concen: 1.148 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

Tgt Ion: 96 Resp: 2545
 Ion Ratio Lower Upper
 96 100
 61 135.9 140.9 211.3#
 98 52.0 52.1 78.1#





#13

Acrolein

Concen: 6.179 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

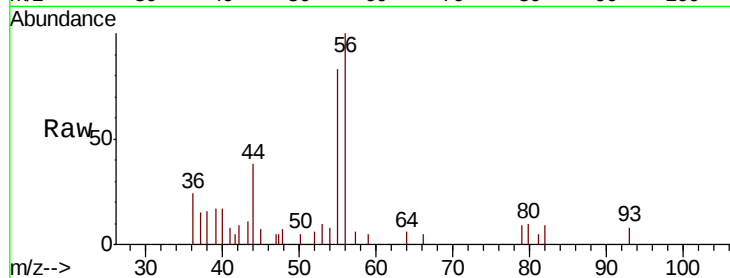
VSTDIC001

Tot Ion: 56 Resp: 2006

Ion Ratio Lower Upper

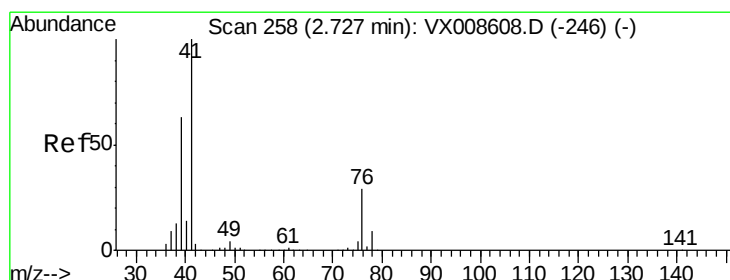
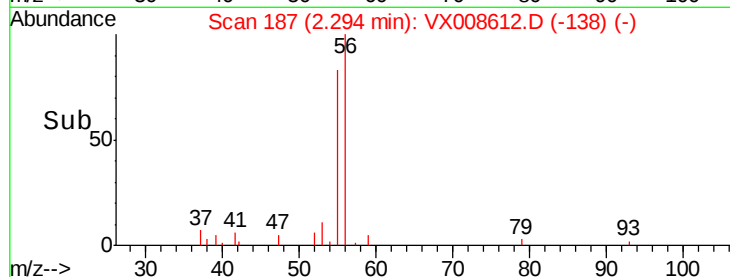
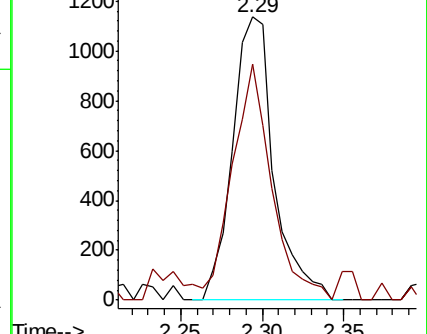
56 100

55 79.1 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: 1.069 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

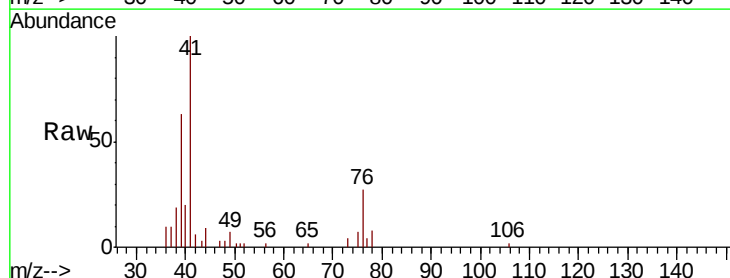
Tgt Ion: 41 Resp: 5426

Ion Ratio Lower Upper

41 100

39 55.0 48.0 72.0

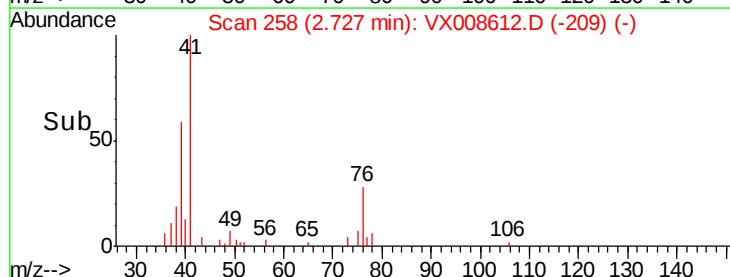
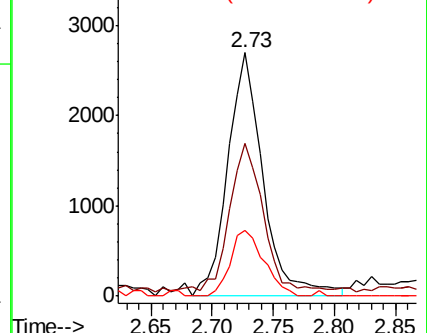
76 25.5 22.0 33.0

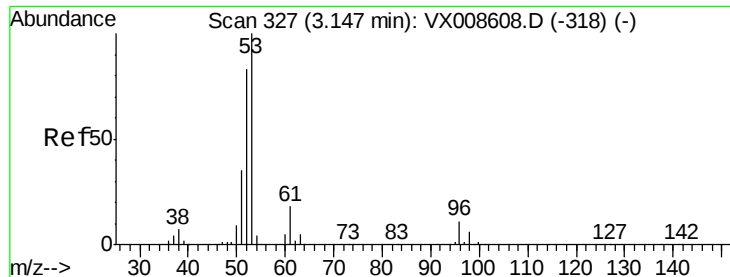


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 5.505 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

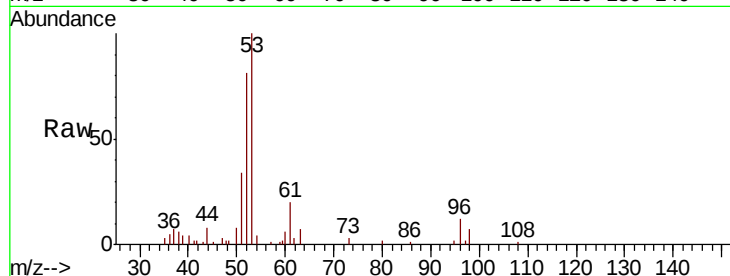
Tot Ion: 53 Resp: 9548

Ion Ratio Lower Upper

53 100

52 82.1 66.5 99.7

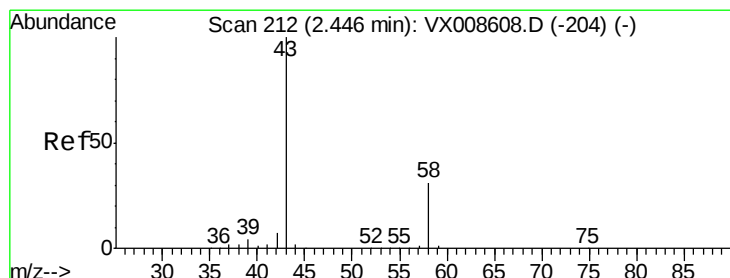
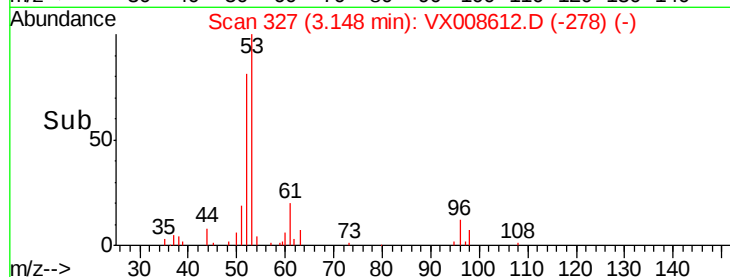
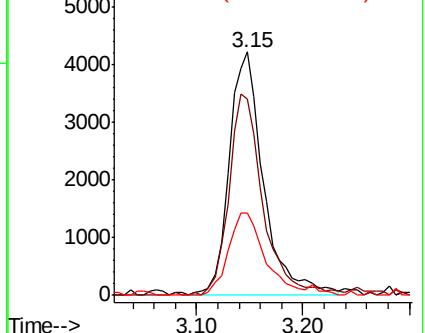
51 35.9 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 5.236 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008612.D

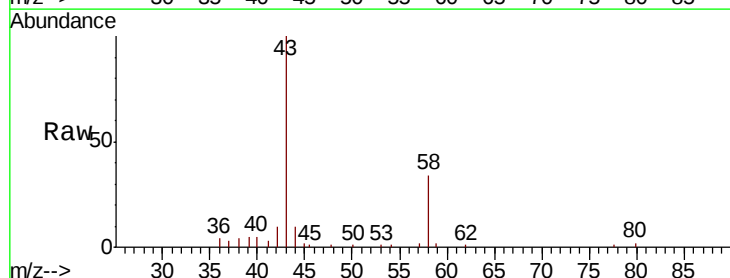
Acq: 03 Apr 2019 12:16

Tgt Ion: 43 Resp: 8433

Ion Ratio Lower Upper

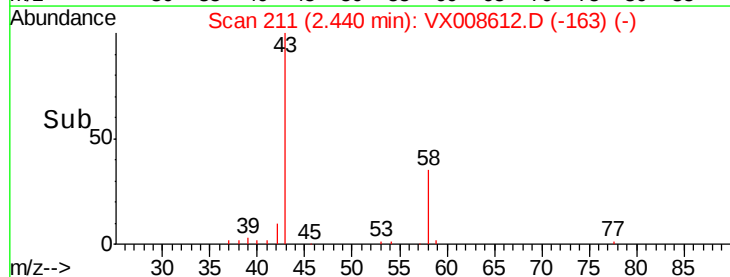
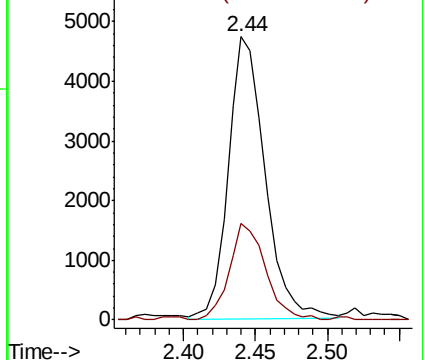
43 100

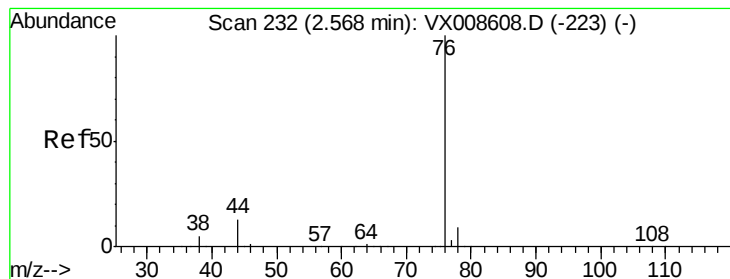
58 34.3 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.421 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

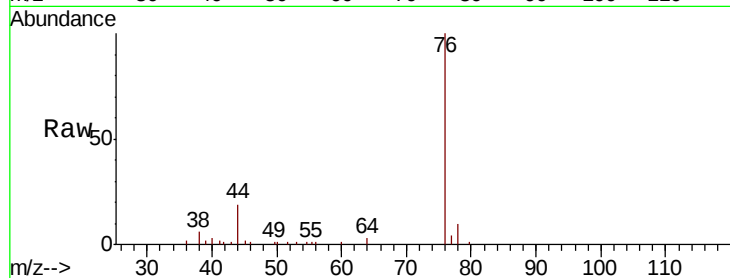
VSTDIC001

Tot Ion: 76 Resp: 10117

Ion Ratio Lower Upper

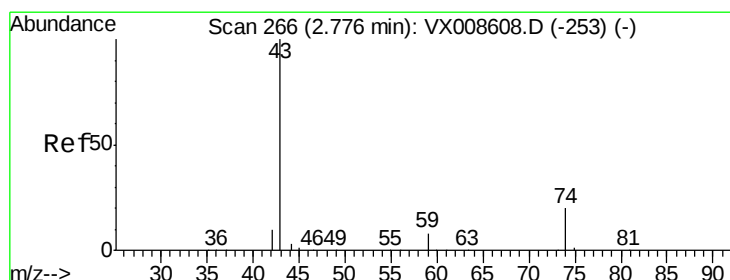
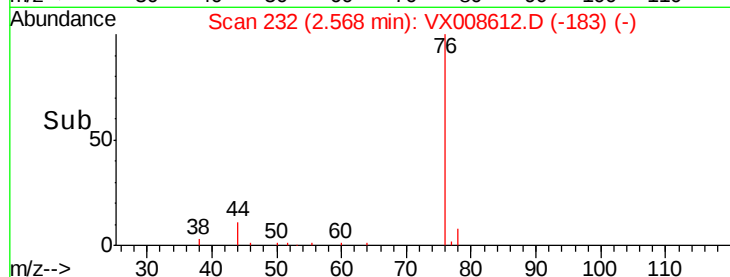
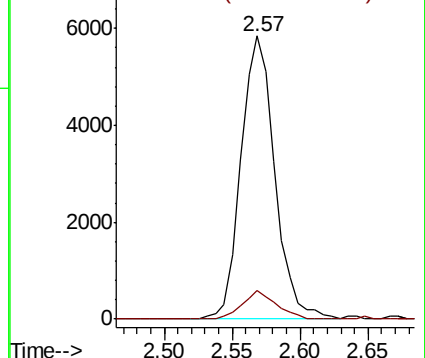
76 100

78 10.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.168 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008612.D

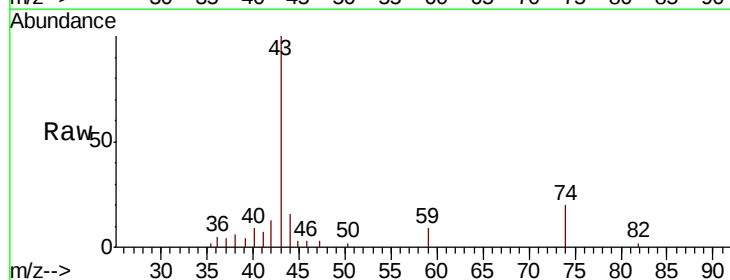
Acq: 03 Apr 2019 12:16

Tgt Ion: 43 Resp: 4561

Ion Ratio Lower Upper

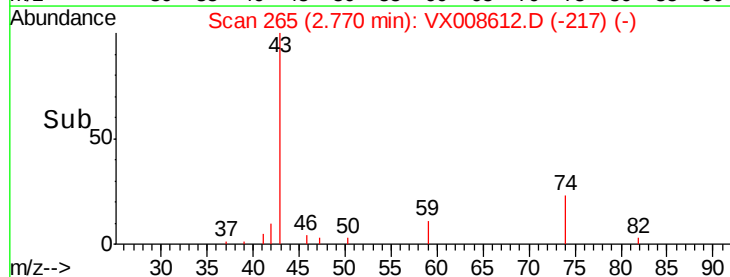
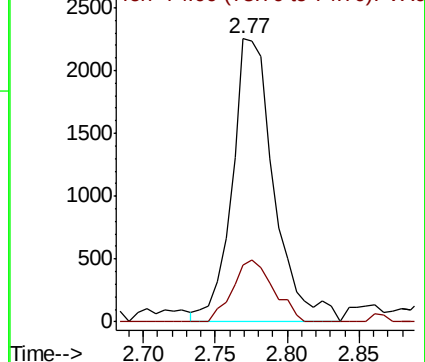
43 100

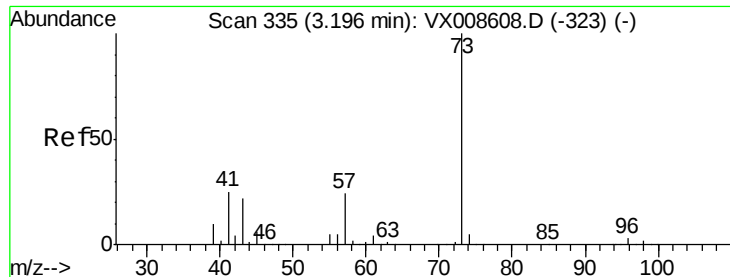
74 21.3 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



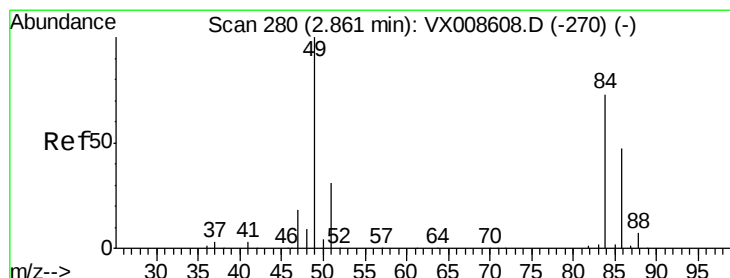
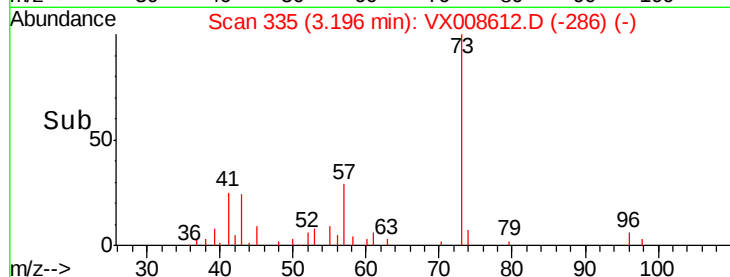
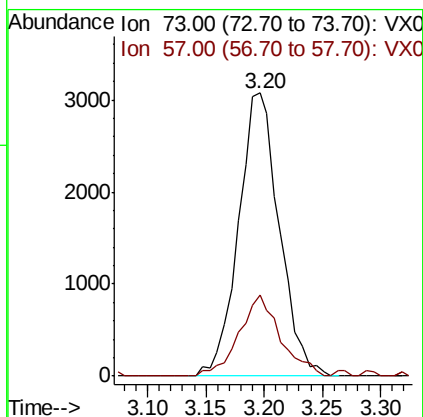
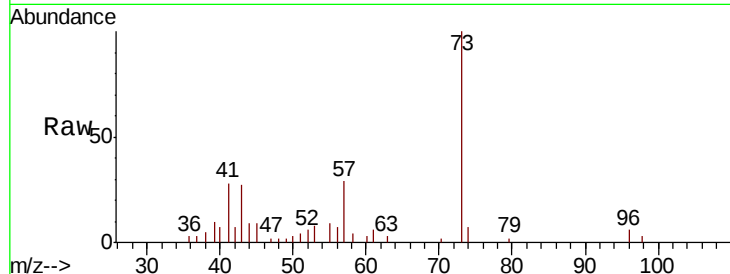


#19

Methyl tert-butyl Ether
 Concen: 0.948 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

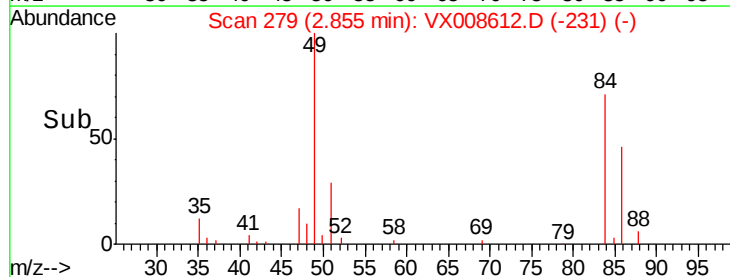
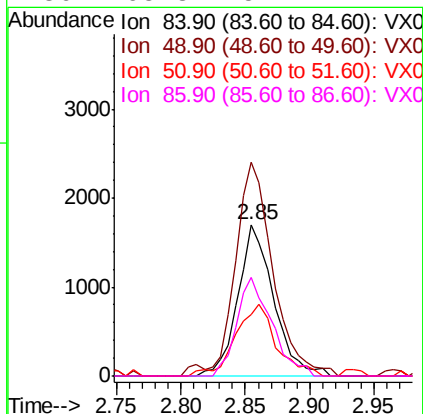
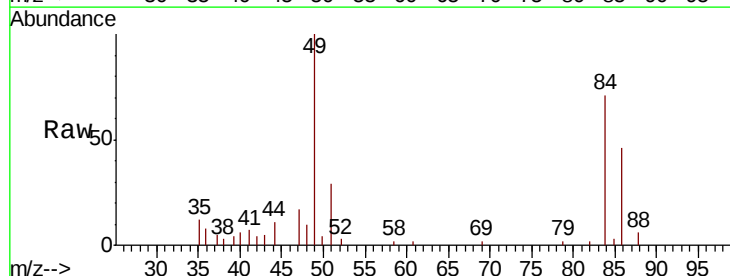
Tot Ion: 73 Resp: 7503
 Ion Ratio Lower Upper
 73 100
 57 28.9 19.5 29.3

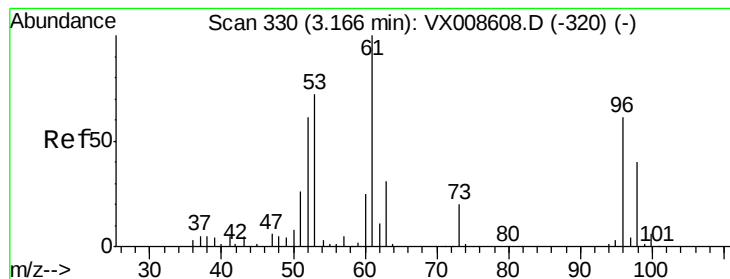


#20

Methylene Chloride
 Concen: 1.218 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

Tgt Ion: 84 Resp: 3284
 Ion Ratio Lower Upper
 84 100
 49 141.1 109.7 164.5
 51 41.0 33.6 50.4
 86 65.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 1.171 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

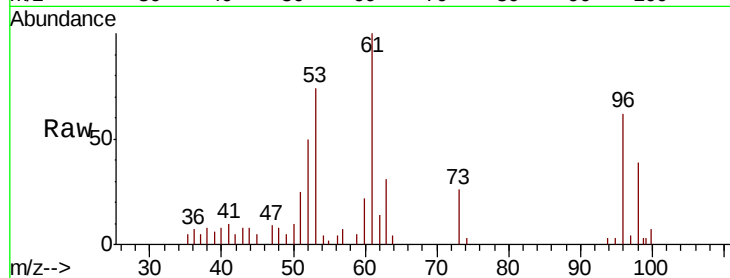
Tot Ion: 96 Resp: 2807

Ion Ratio Lower Upper

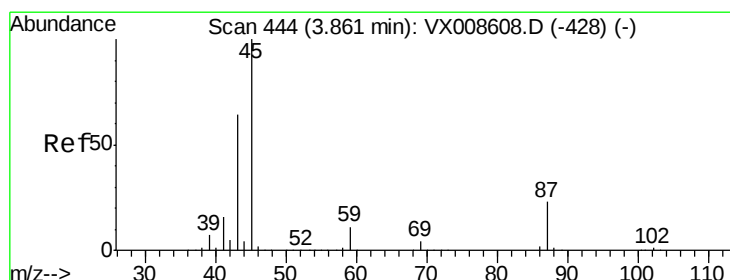
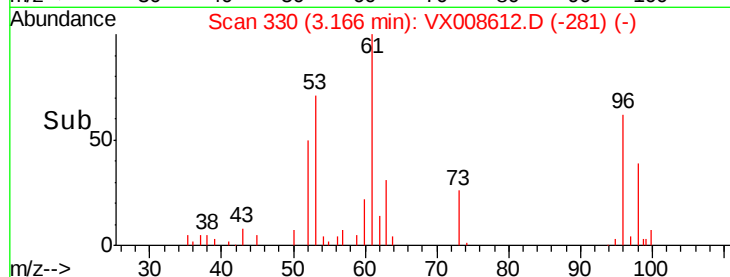
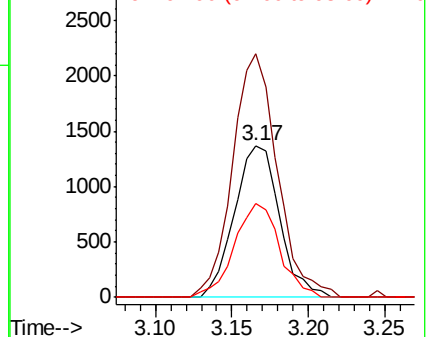
96 100

61 160.2 132.1 198.1

98 61.8 52.2 78.2



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



#22

Diisopropyl ether

Concen: 1.034 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Tgt Ion: 45 Resp: 10115

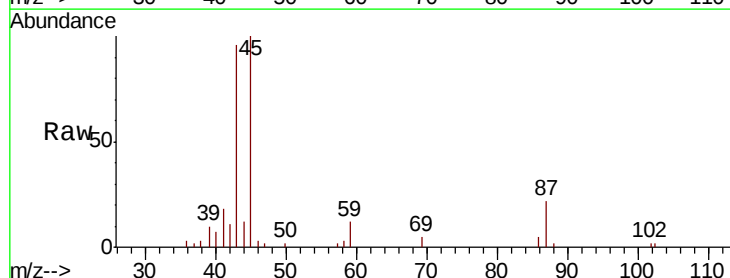
Ion Ratio Lower Upper

45 100

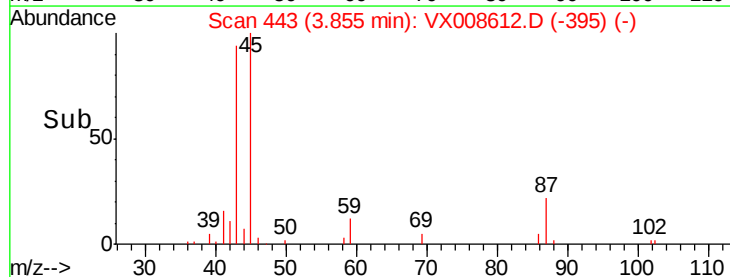
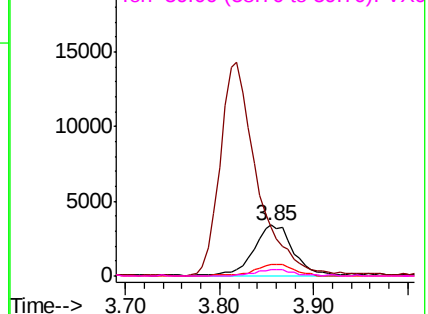
43 93.2 51.3 76.9#

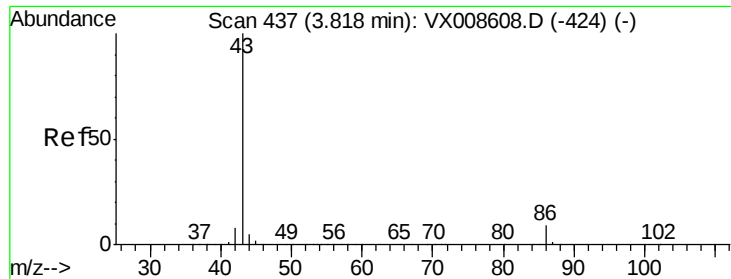
87 22.3 18.1 27.1

59 11.9 8.6 13.0



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 4.669 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

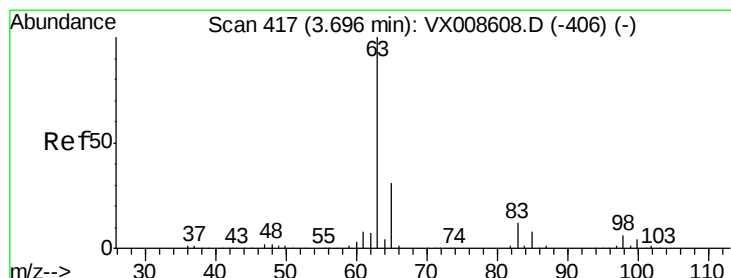
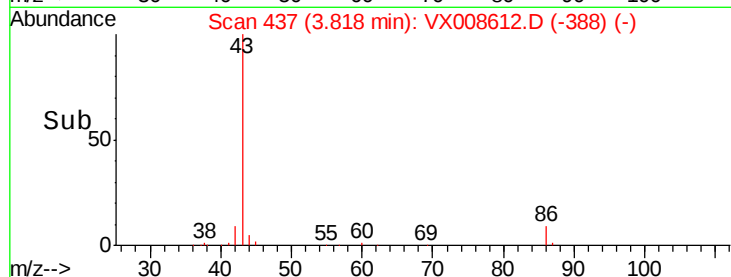
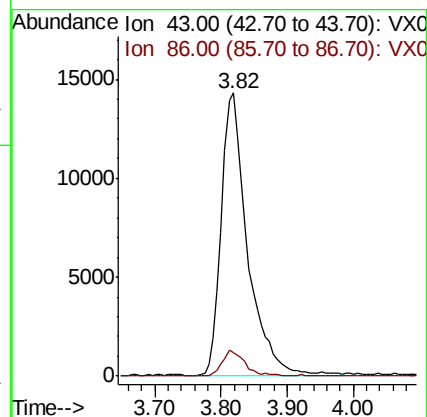
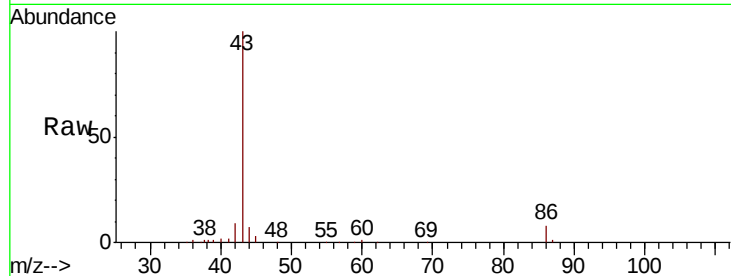
VSTDIC001

Tot Ion: 43 Resp: 39727

Ion Ratio Lower Upper

43 100

86 8.5 7.0 10.6



#24

1,1-Dichloroethane

Concen: 1.017 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

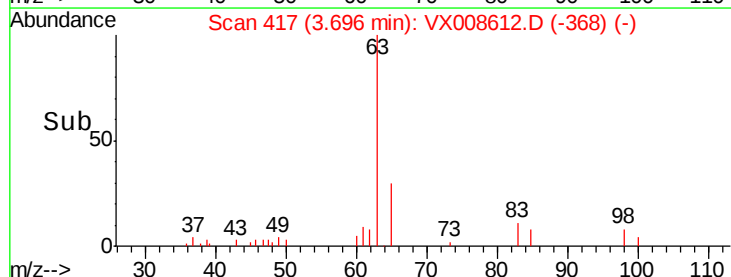
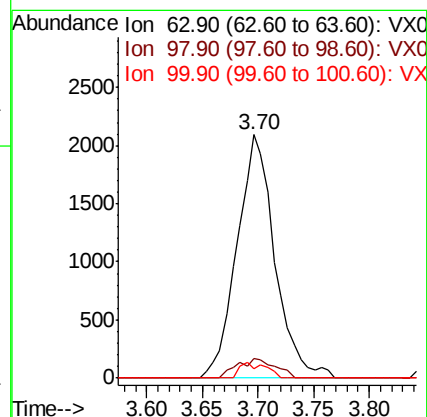
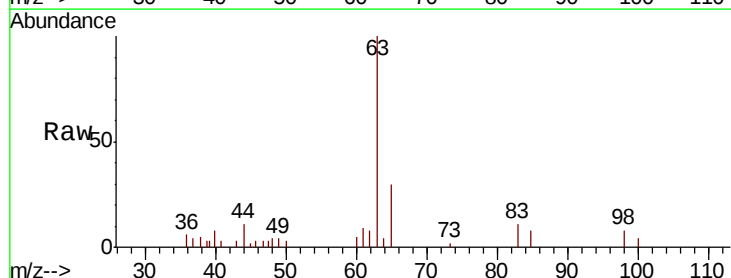
Tgt Ion: 63 Resp: 4927

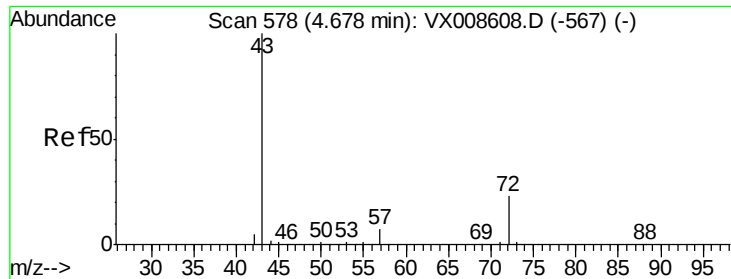
Ion Ratio Lower Upper

63 100

98 8.1 2.8 8.4

100 3.9 1.8 5.5





#25

2-Butanone

Concen: 4.964 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

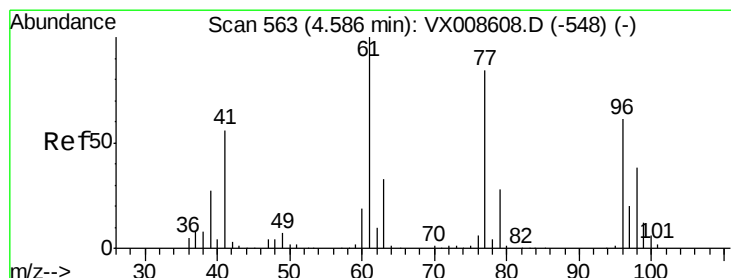
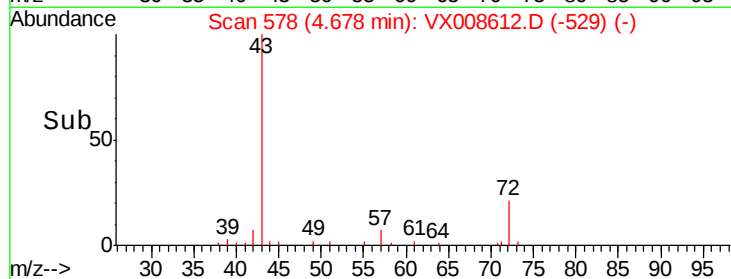
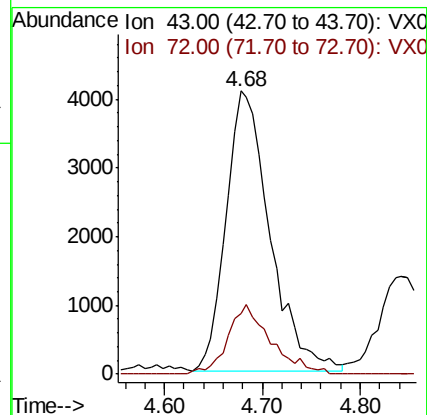
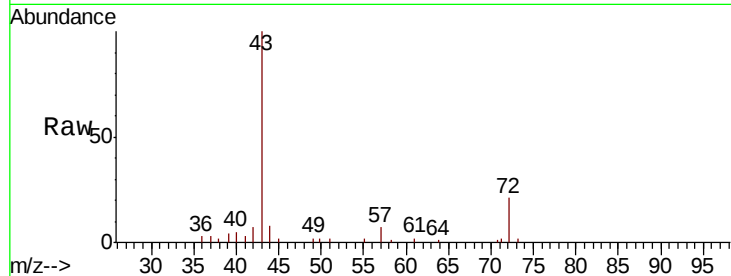
VSTDIC001

Tot Ion: 43 Resp: 12637

Ion Ratio Lower Upper

43 100

72 21.6 18.2 27.4



#26

2,2-Dichloropropane

Concen: 0.967 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX008612.D

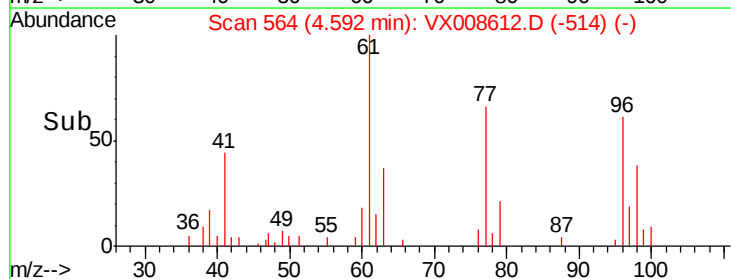
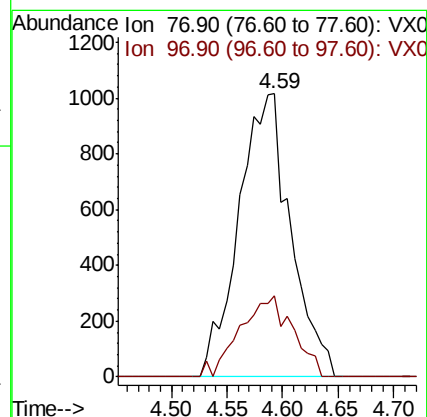
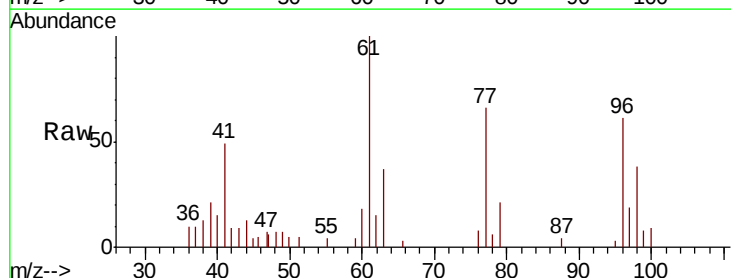
Acq: 03 Apr 2019 12:16

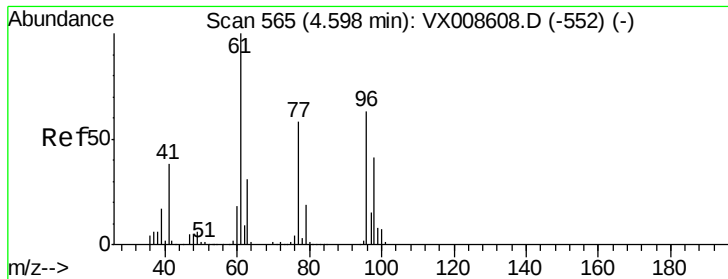
Tgt Ion: 77 Resp: 3298

Ion Ratio Lower Upper

77 100

97 28.9 11.5 34.5



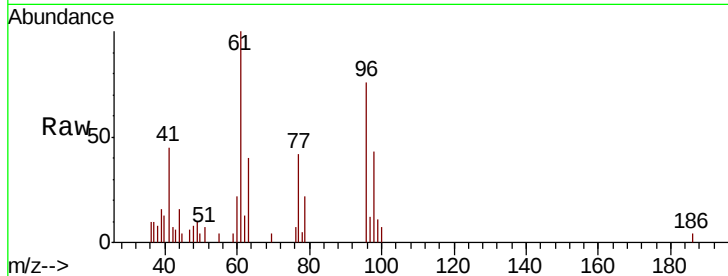


#27

cis-1,2-Dichloroethene
Concen: 1.126 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.6	0.0	327.6
98	64.5	0.0	128.6

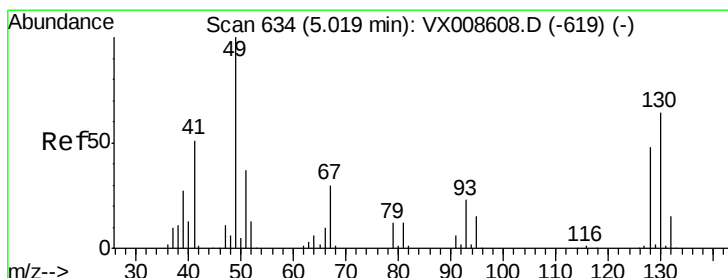
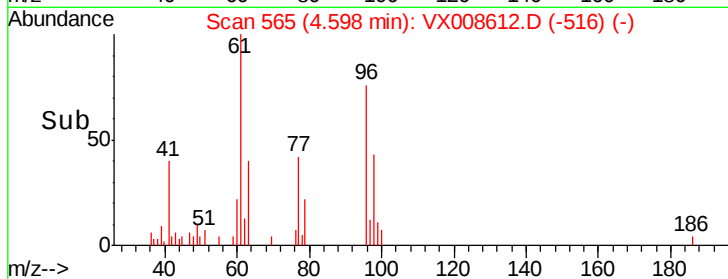
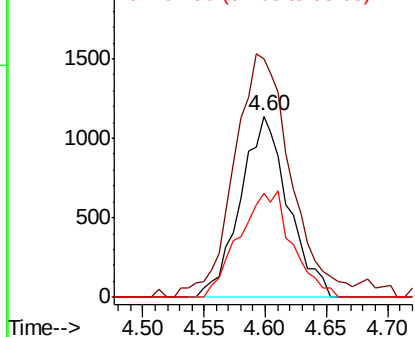


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

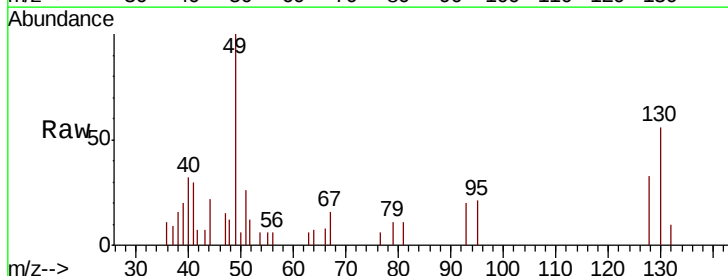
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 1.261 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.6
130	53.9	49.3	73.9

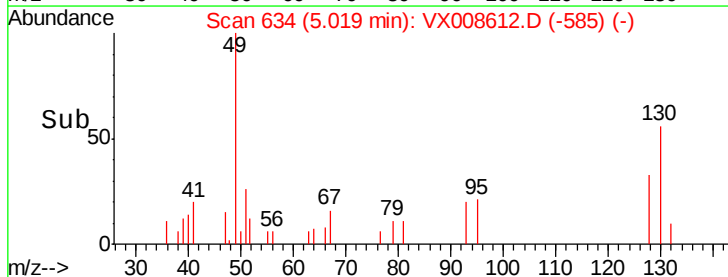
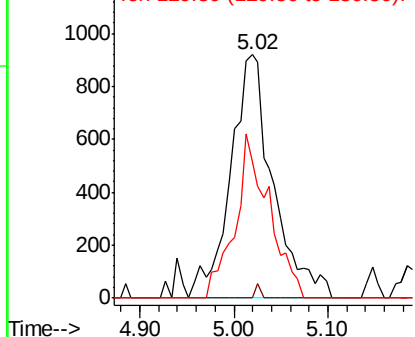


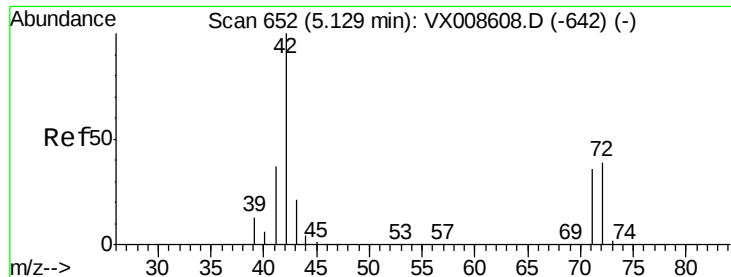
Abundance

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

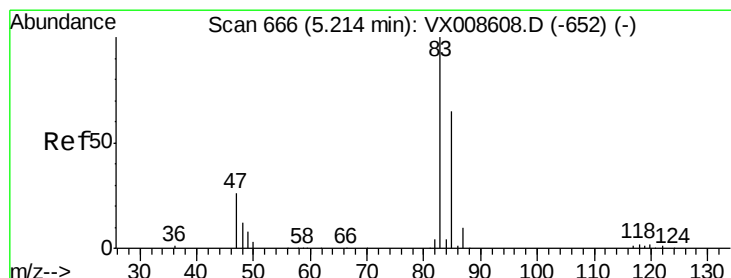
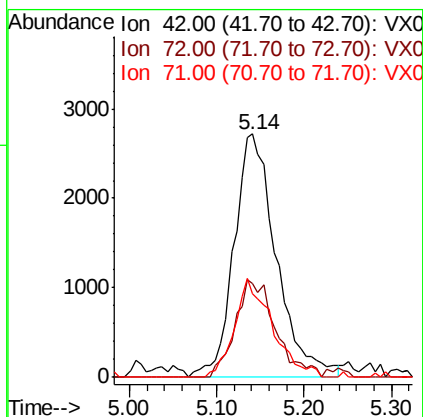
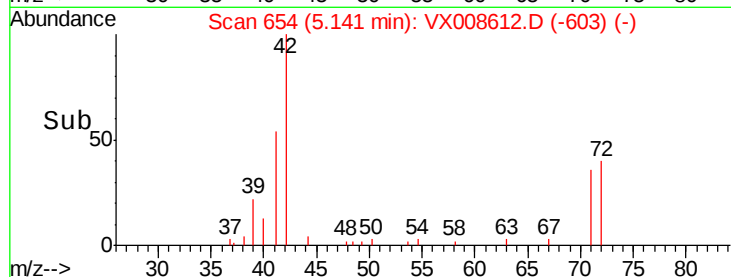
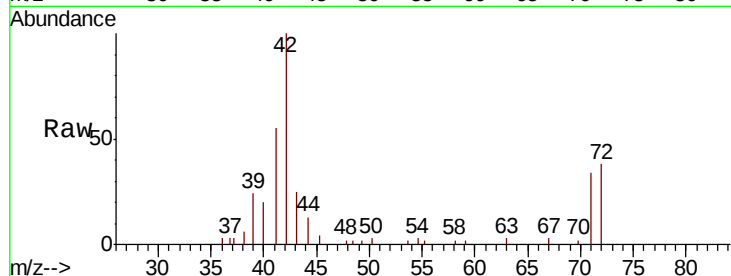




#29
Tetrahydrofuran
Concen: 5.415 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

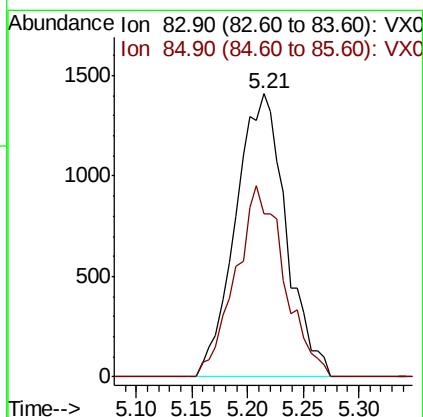
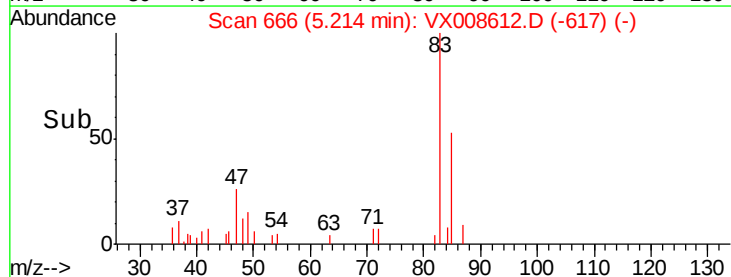
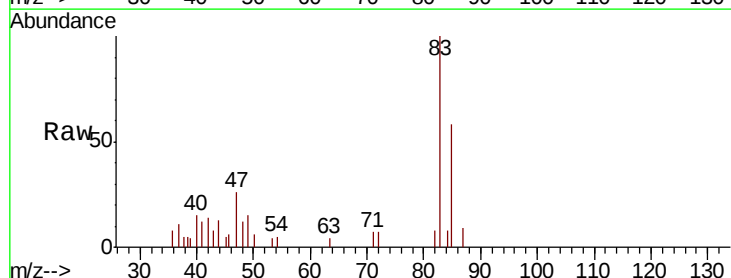
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

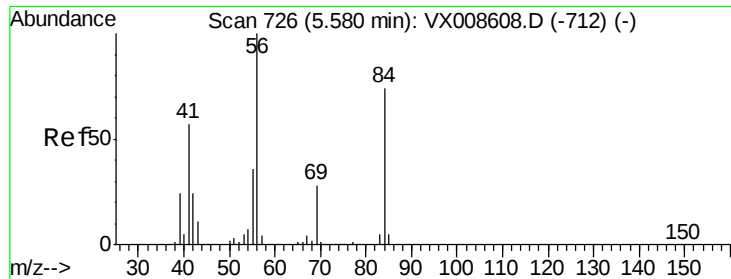
Tot Ion: 42 Resp: 9150
Ion Ratio Lower Upper
42 100
72 38.0 30.5 45.7
71 36.5 28.6 43.0



#30
Chloroform
Concen: 1.025 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

Tgt Ion: 83 Resp: 4435
Ion Ratio Lower Upper
83 100
85 57.6 52.1 78.1

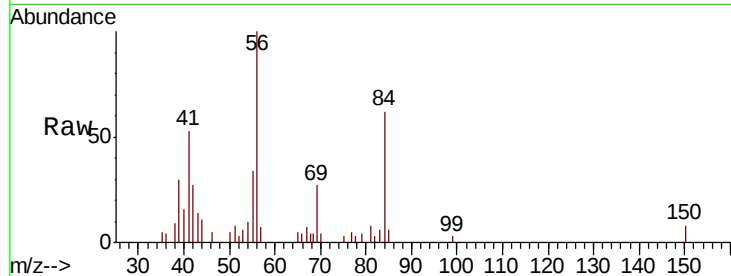




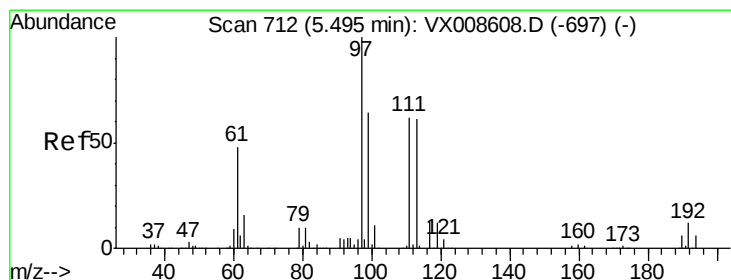
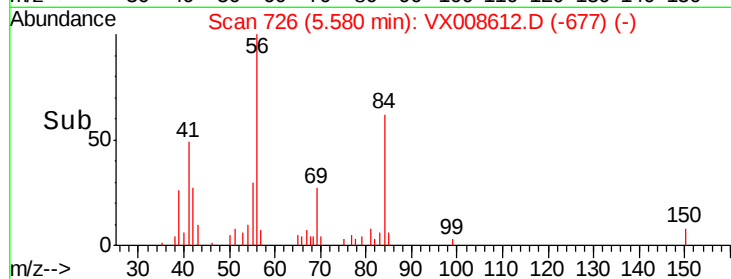
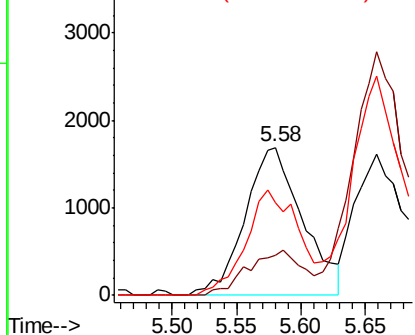
#31
Cyclohexane
Concen: 1.086 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 56 Resp: 5249
Ion Ratio Lower Upper
56 100
69 27.2 22.6 33.8
84 62.4 59.3 88.9

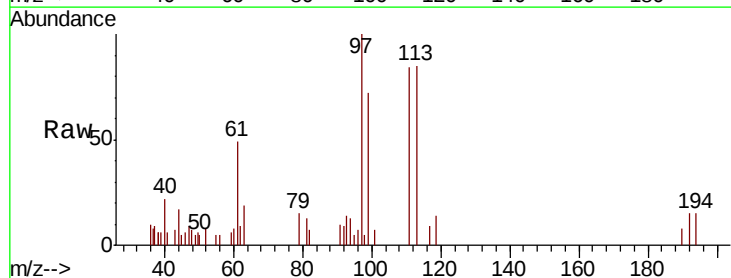


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

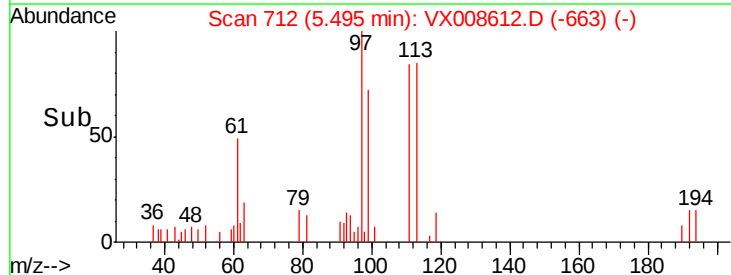
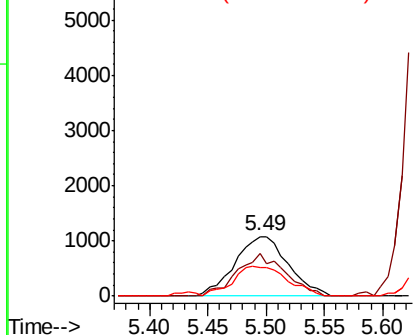


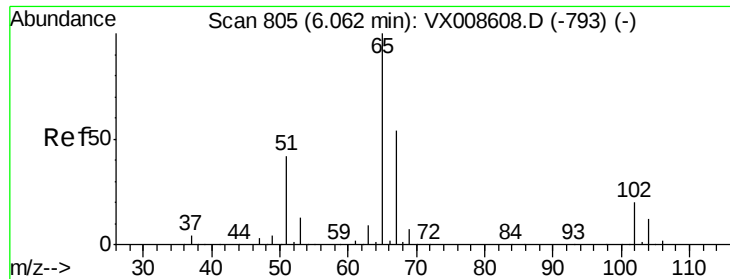
#32
1,1,1-Trichloroethane
Concen: 0.975 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

Tgt Ion: 97 Resp: 3406
Ion Ratio Lower Upper
97 100
99 0.0 51.3 76.9#
61 51.7 38.9 58.3



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





#33

1,2-Dichloroethane-d4

Concen: 1.475 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

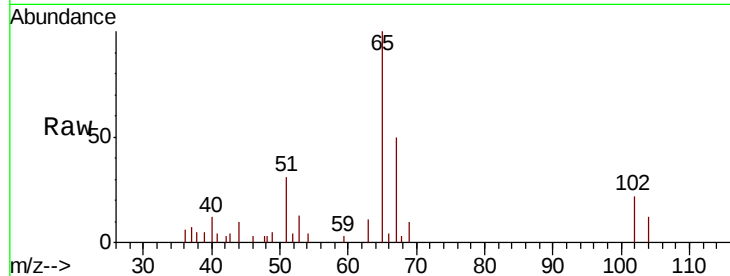
VSTDIC001

Tot Ion: 65 Resp: 4125

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

1500

1000

500

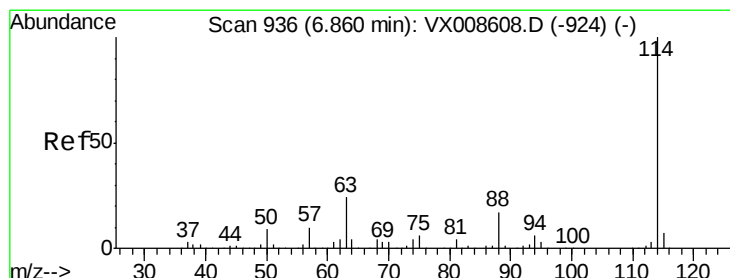
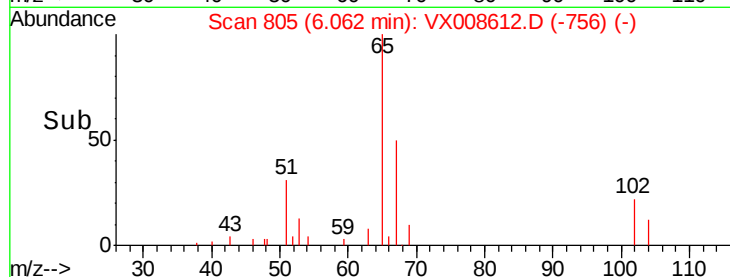
0

Time-->

6.00

6.10

6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

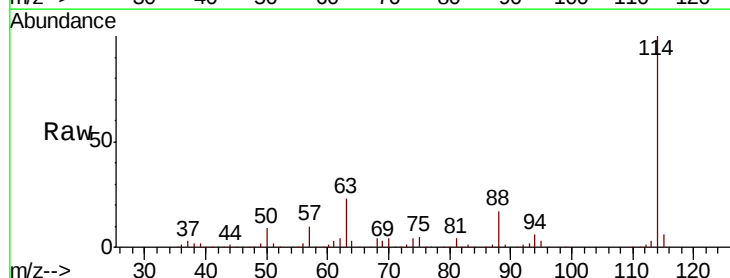
Tgt Ion: 114 Resp: 321327

Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.2

88 16.9 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

6.86

150000

100000

50000

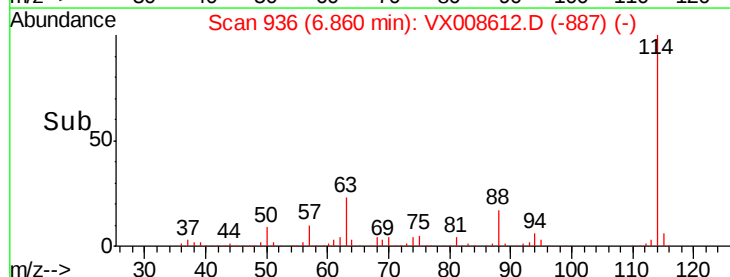
0

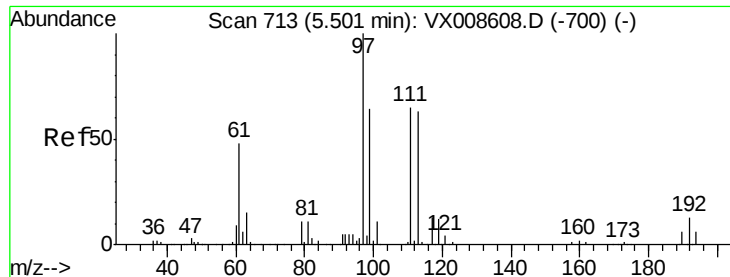
Time-->

6.80

6.90

7.00

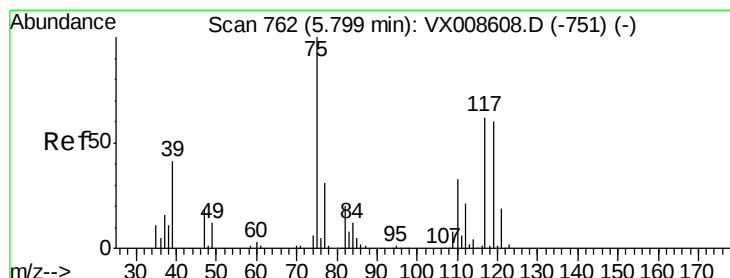
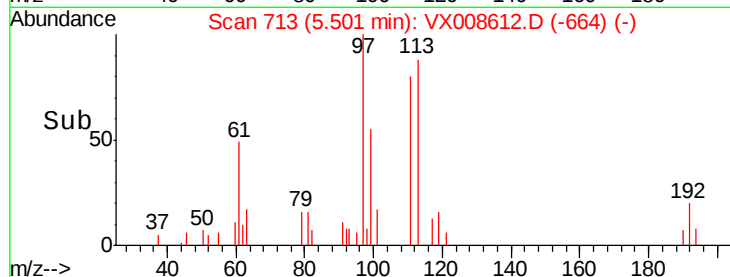
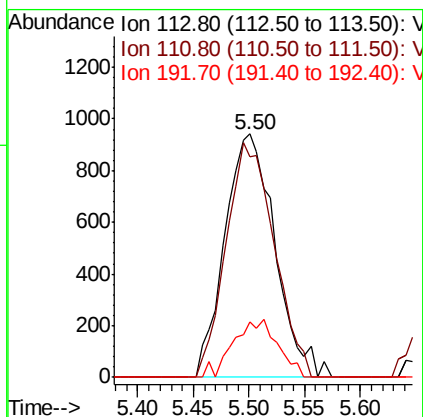
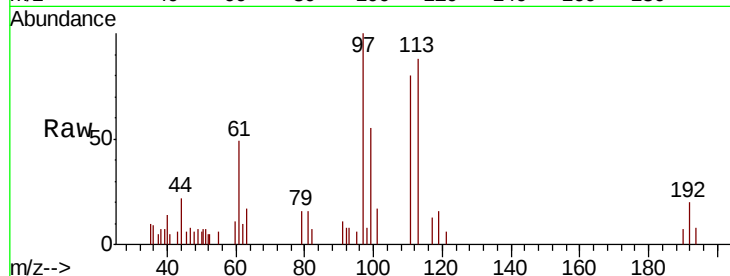




#35
 Dibromofluoromethane
 Concen: 1.435 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

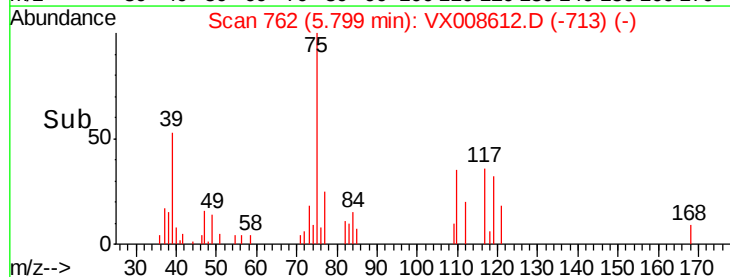
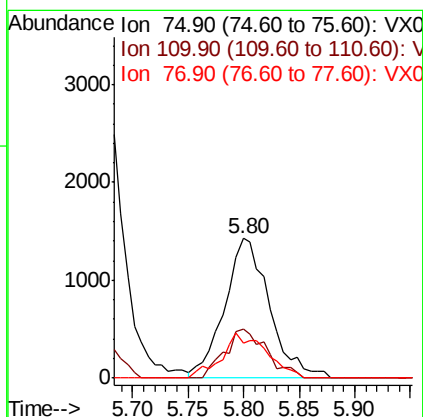
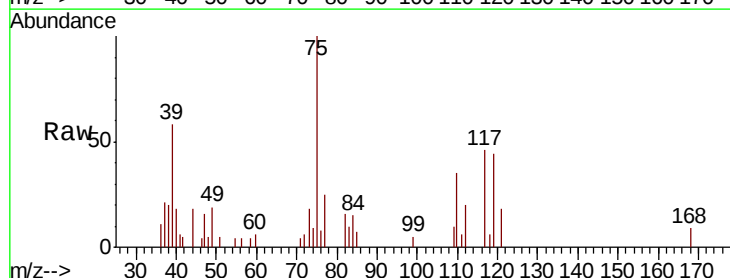
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

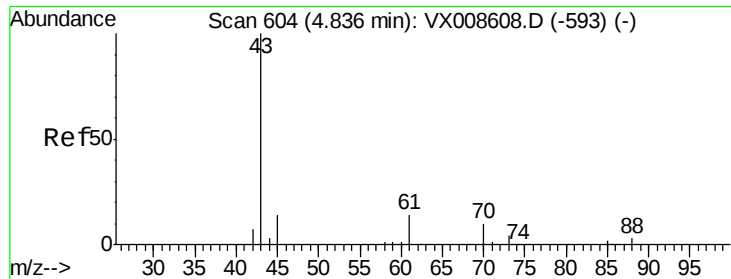
Tot Ion:113 Resp: 2949
 Ion Ratio Lower Upper
 113 100
 111 92.3 83.4 125.2
 192 21.2 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 1.137 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

Tgt Ion: 75 Resp: 3992
 Ion Ratio Lower Upper
 75 100
 110 32.8 16.4 49.2
 77 31.8 24.7 37.1

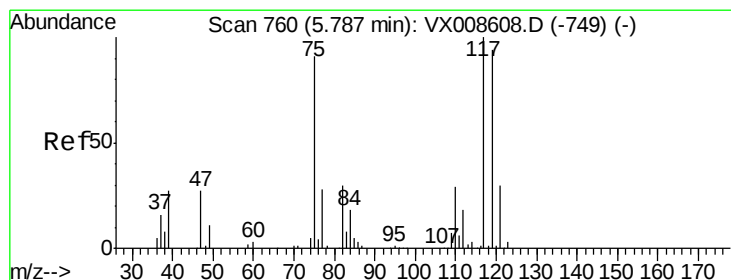
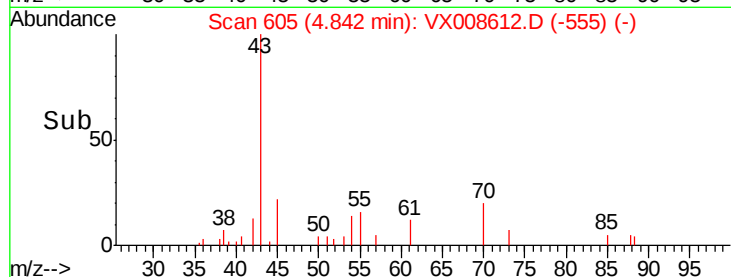
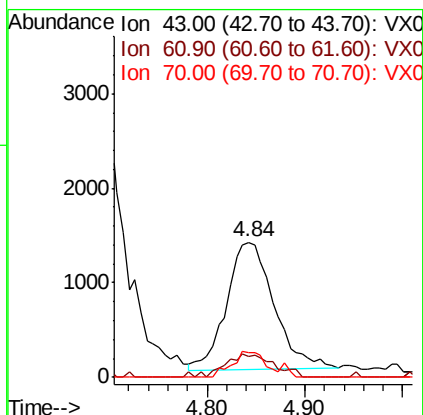
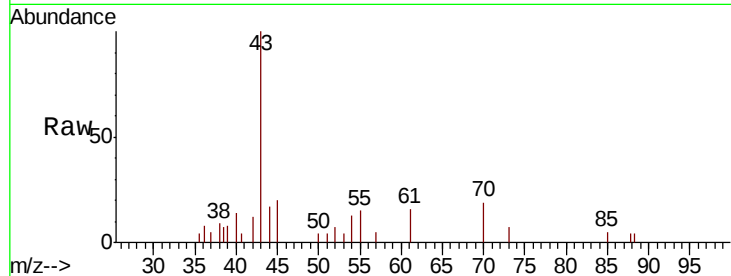




#37
Ethyl Acetate
Concen: 0.967 ug/l
RT: 4.84 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

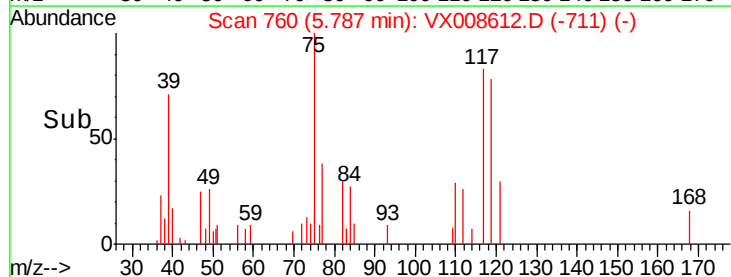
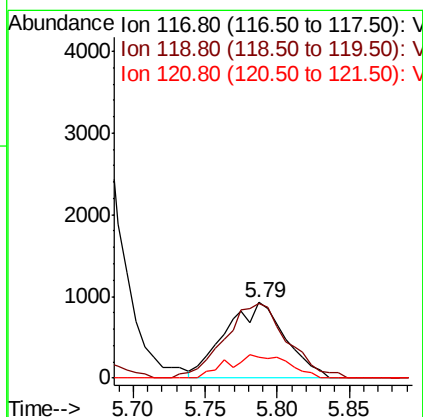
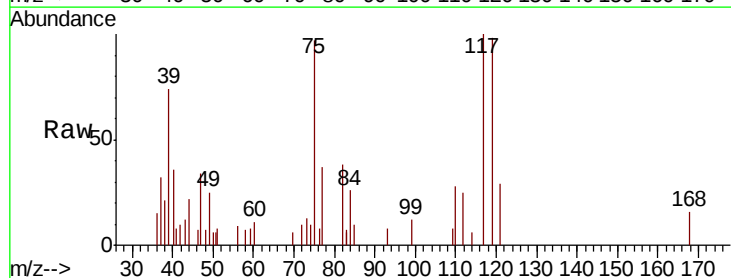
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 4533
Ion Ratio Lower Upper
43 100
61 18.6 10.3 15.5#
70 14.1 7.6 11.4#



#38
Carbon Tetrachloride
Concen: 0.927 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

Tgt Ion: 117 Resp: 2696
Ion Ratio Lower Upper
117 100
119 91.1 75.0 112.6
121 28.6 24.3 36.5

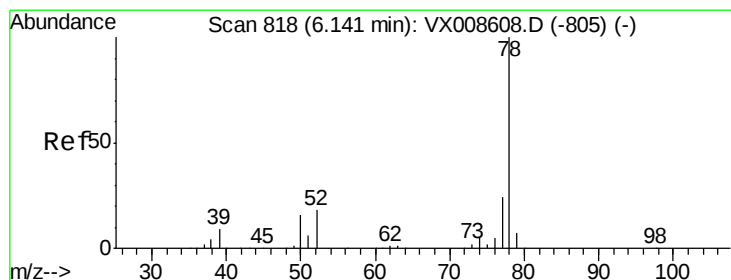
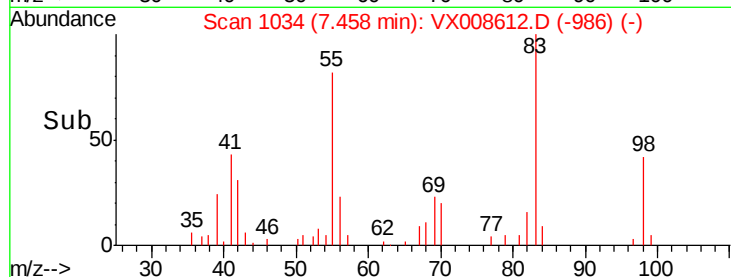
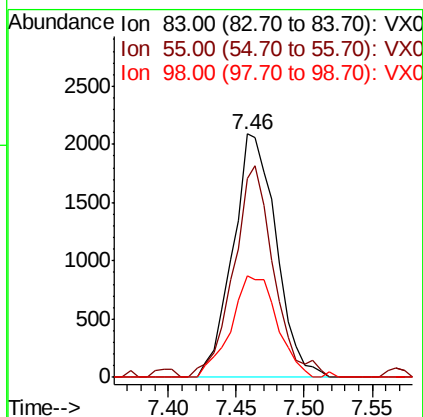
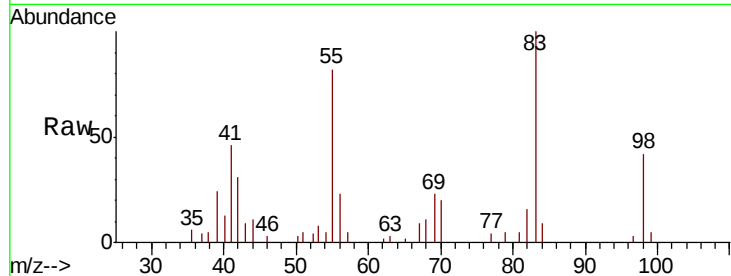




#39
Methvlcvclohexane
Concen: 1.073 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

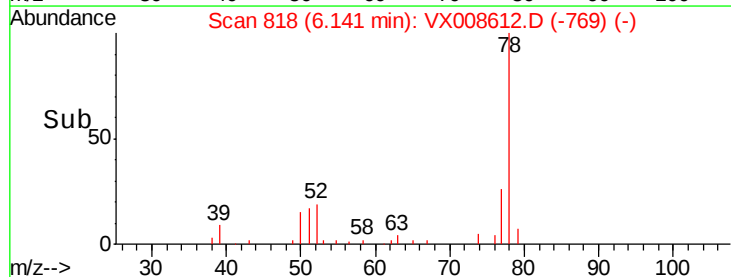
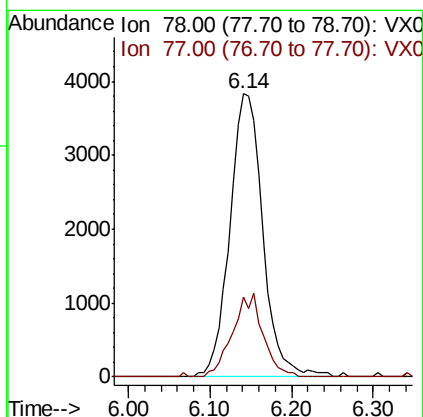
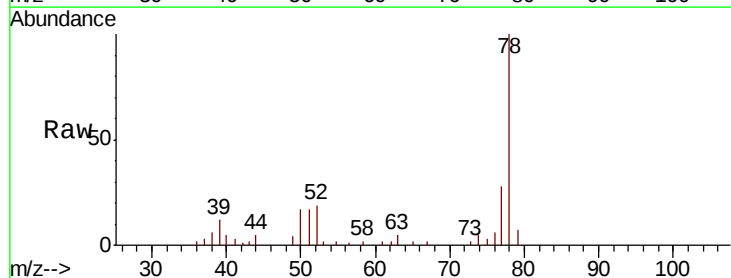
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

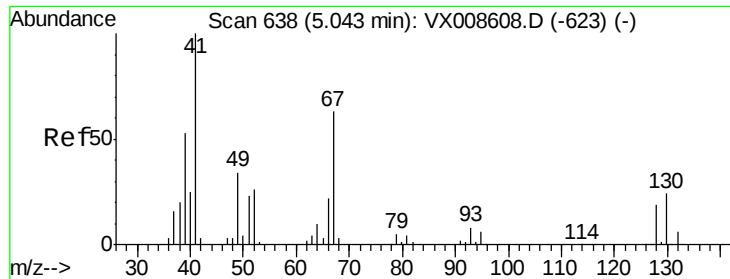
Tot Ion: 83 Resp: 4657
Ion Ratio Lower Upper
83 100
55 81.9 69.0 103.6
98 41.8 34.4 51.6



#40
Benzene
Concen: 1.021 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

Tgt Ion: 78 Resp: 10688
Ion Ratio Lower Upper
78 100
77 28.3 19.1 28.7

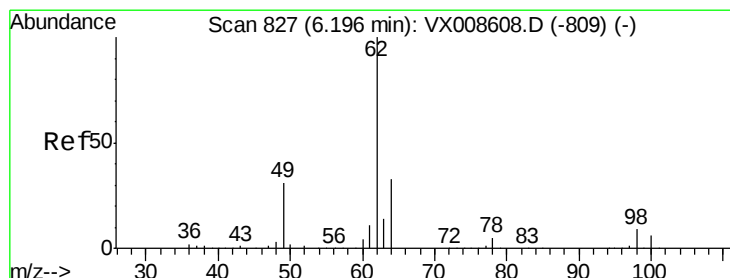
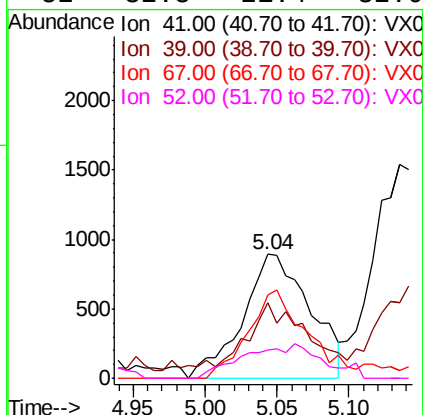
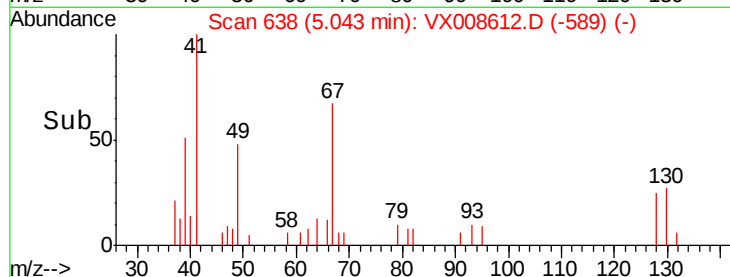
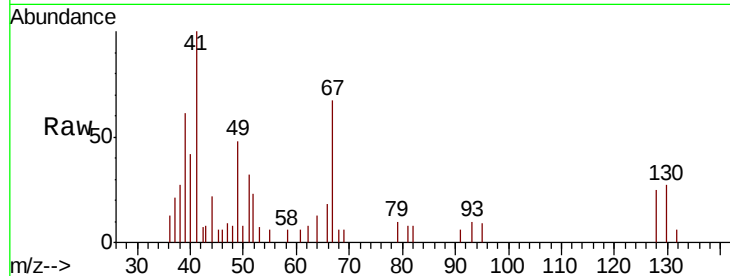




#41
Methacrylonitrile
Concen: 1.075 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

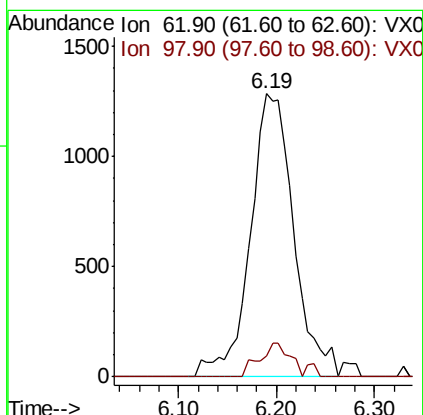
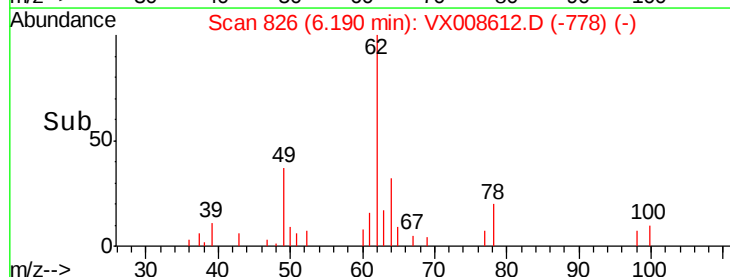
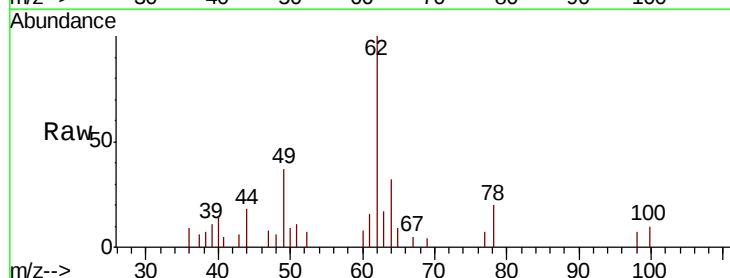
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

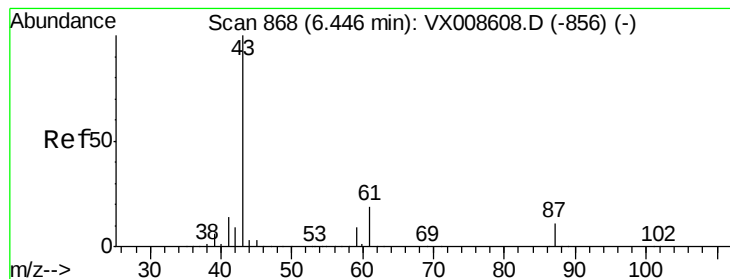
Tot Ion:	41	Resp:	2897
Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.1	63.1
67	61.6	51.0	76.6
52	32.8	21.4	32.0#



#42
1,2-Dichloroethane
Concen: 1.061 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

Tgt Ion:	62	Resp:	3982
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	18.0





#43

Isopropyl Acetate

Concen: 0.937 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

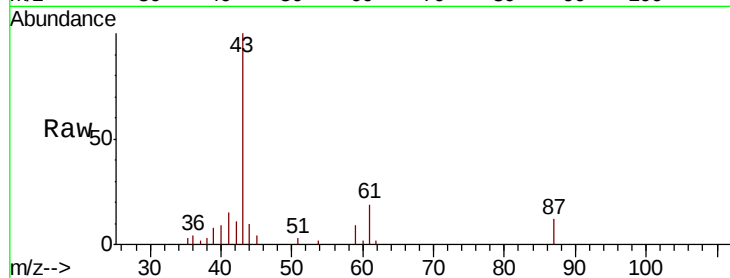
Tot Ion: 43 Resp: 6885

Ion Ratio Lower Upper

43 100

61 21.2 15.3 22.9

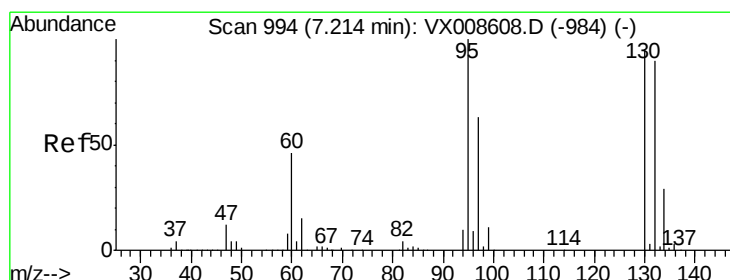
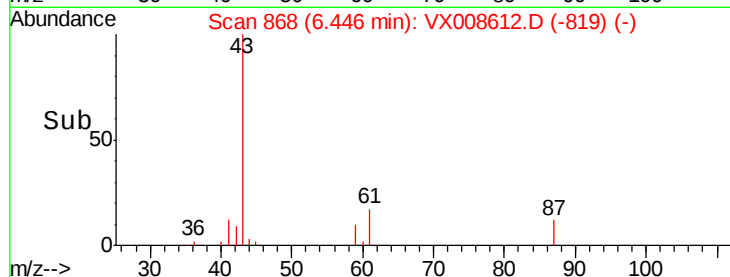
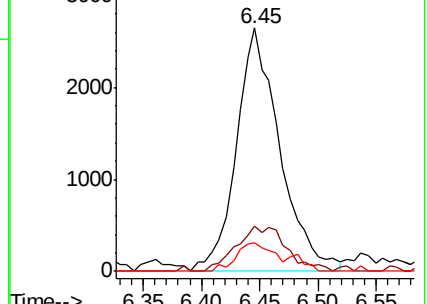
87 10.0 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 1.041 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008612.D

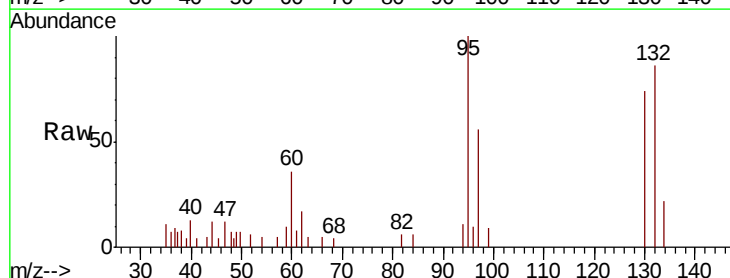
Acq: 03 Apr 2019 12:16

Tgt Ion: 130 Resp: 2538

Ion Ratio Lower Upper

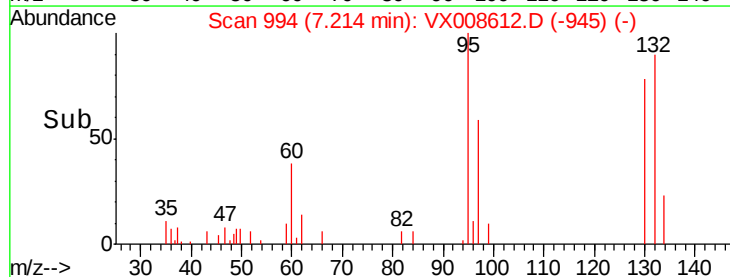
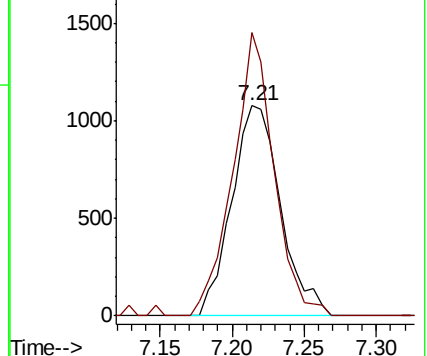
130 100

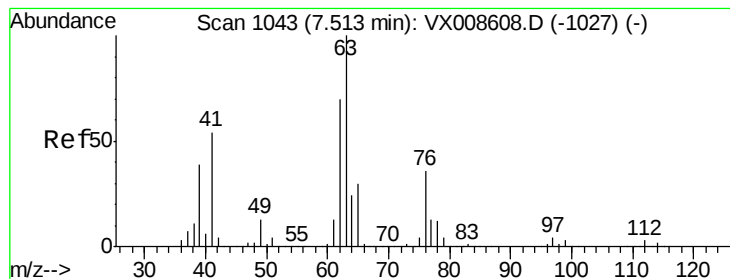
95 134.6 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 1.025 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

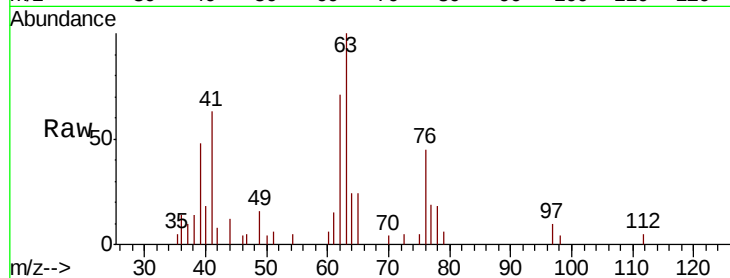
VSTDIC001

Tot Ion: 63 Resp: 3060

Ion Ratio Lower Upper

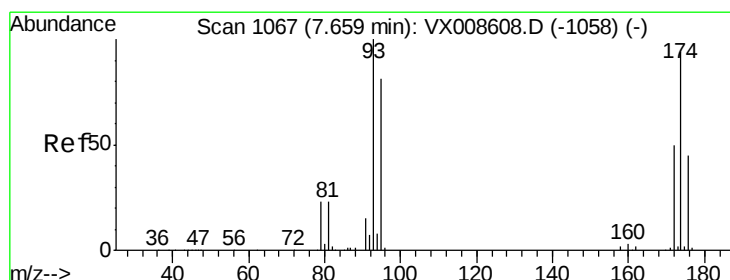
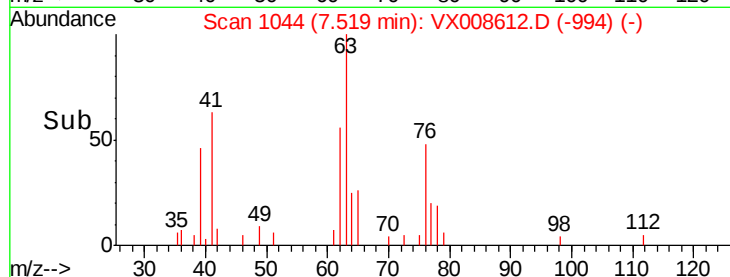
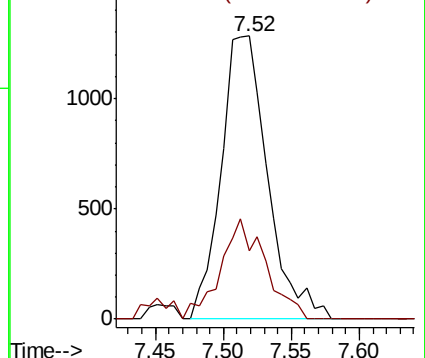
63 100

65 24.4 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 1.116 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

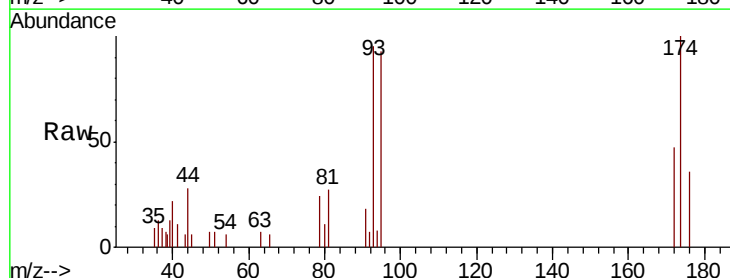
Tgt Ion: 93 Resp: 1933

Ion Ratio Lower Upper

93 100

95 83.3 66.6 99.8

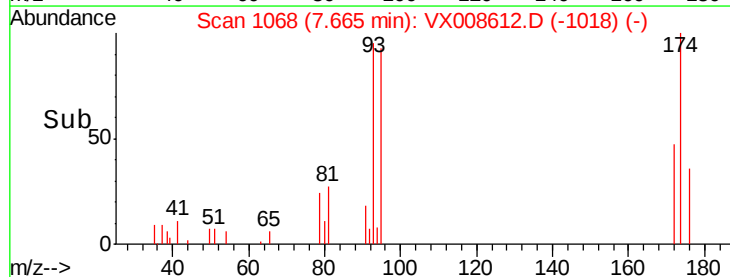
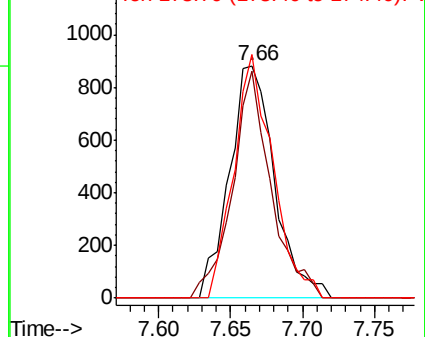
174 90.4 77.7 116.5

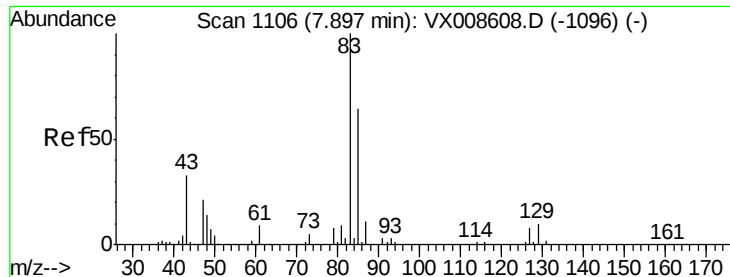


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.920 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

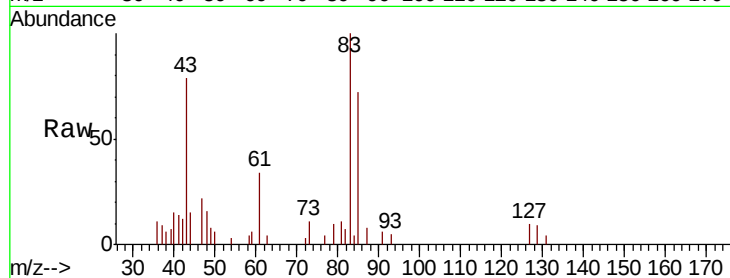
Tot Ion: 83 Resp: 3005

Ion Ratio Lower Upper

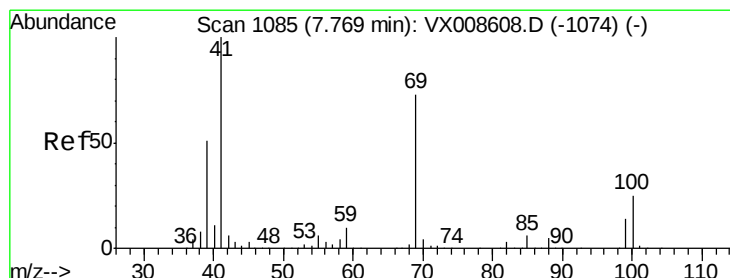
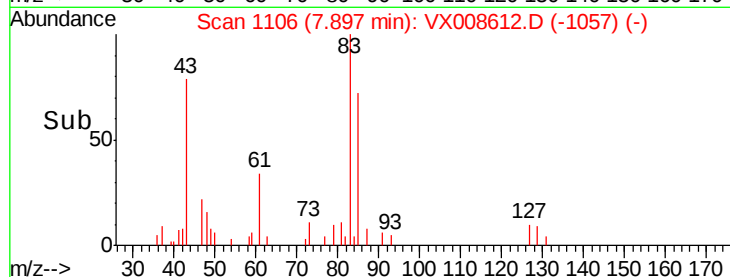
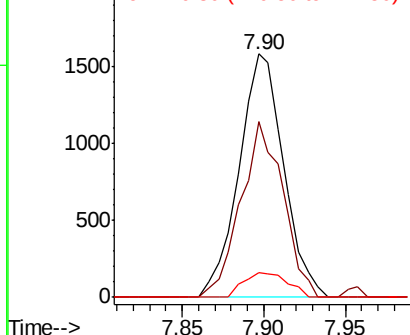
83 100

85 72.2 51.2 76.8

127 10.4 6.6 10.0#



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



#48

Methyl methacrylate

Concen: 0.998 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

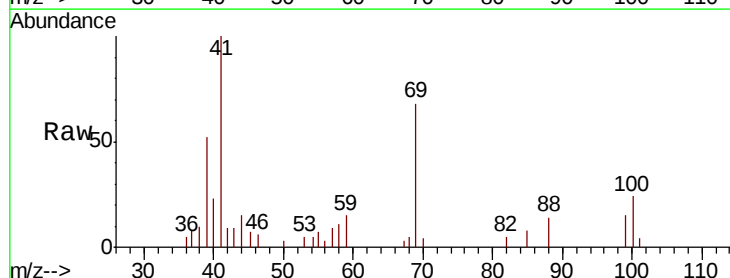
Tgt Ion: 41 Resp: 3706

Ion Ratio Lower Upper

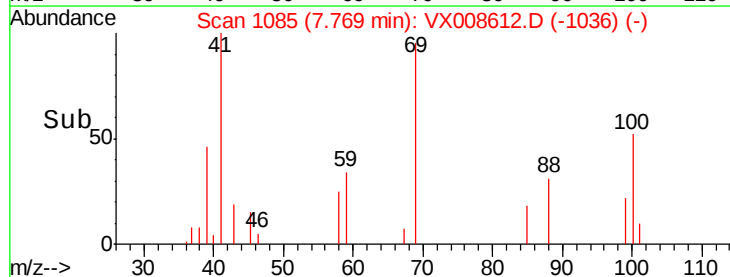
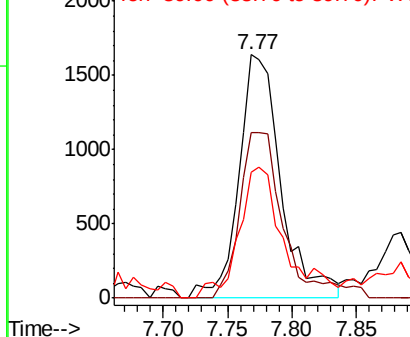
41 100

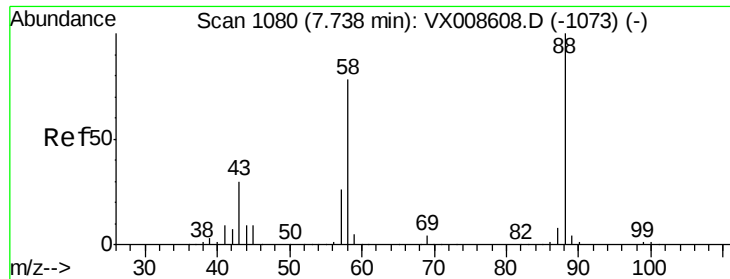
69 71.4 59.0 88.4

39 58.0 41.0 61.4



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

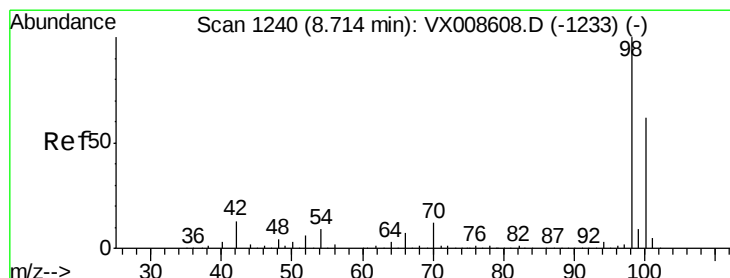
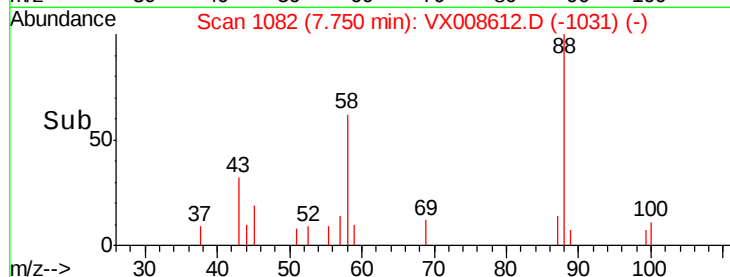
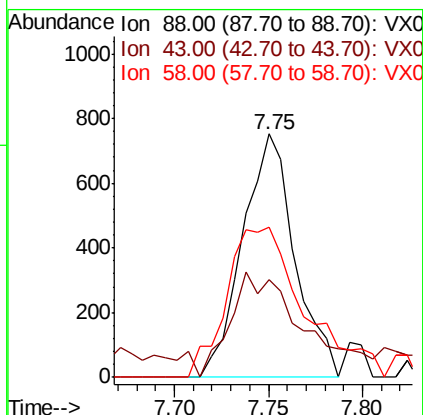
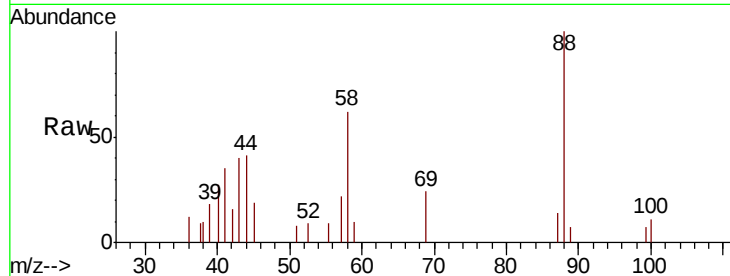




#49
 1,4-Dioxane
 Concen: 20.734 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.01 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

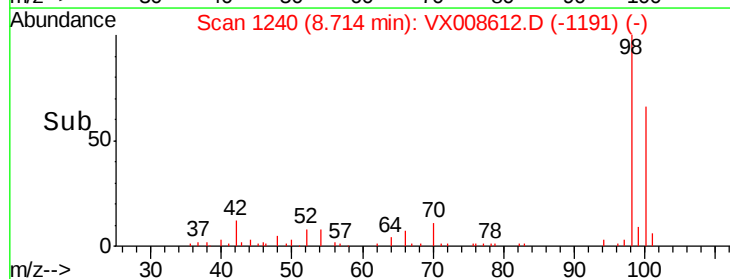
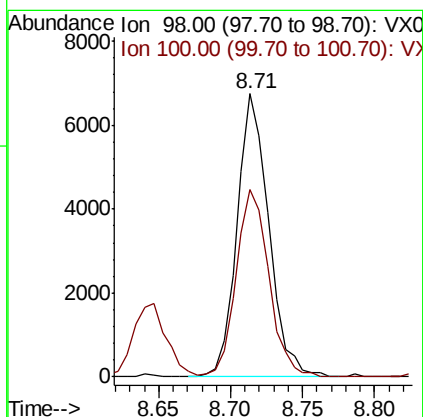
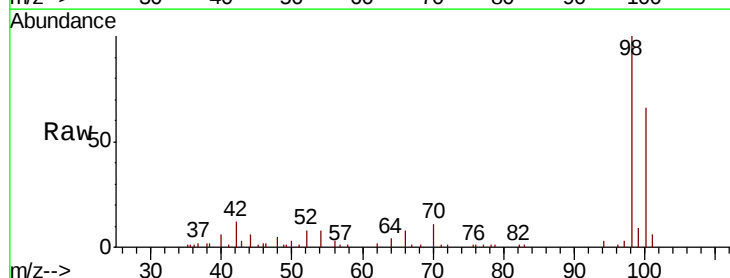
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

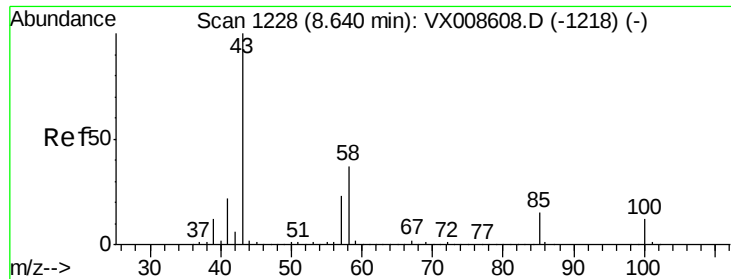
Tot Ion: 88 Resp: 1443
 Ion Ratio Lower Upper
 88 100
 43 60.8 28.6 43.0#
 58 91.9 62.2 93.2



#50
 Toluene-d8
 Concen: 1.263 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

Tgt Ion: 98 Resp: 10333
 Ion Ratio Lower Upper
 98 100
 100 68.7 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 4.664 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampled :

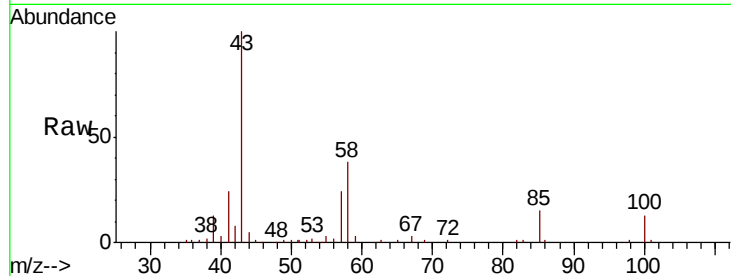
VSTDIC001

Tot Ion: 43 Resp: 22051

Ion Ratio Lower Upper

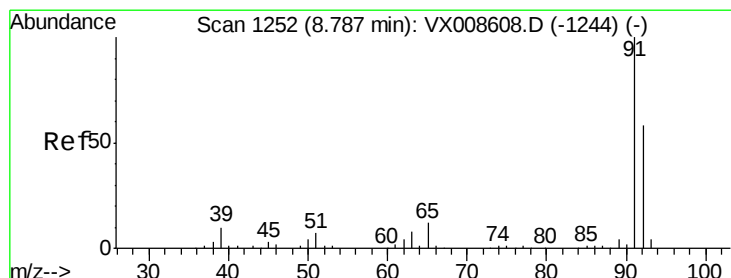
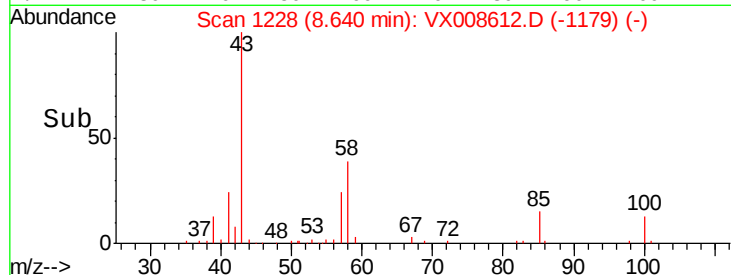
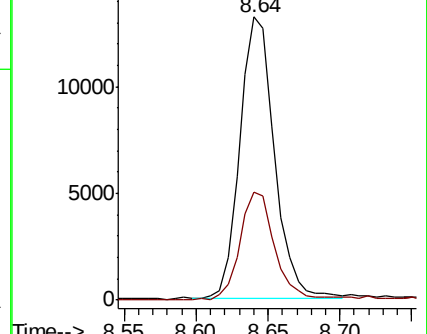
43 100

58 39.0 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.991 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008612.D

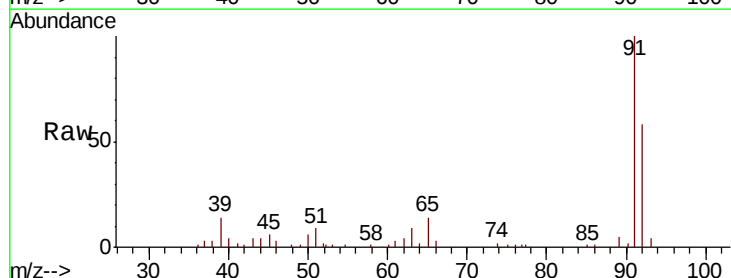
Acq: 03 Apr 2019 12:16

Tgt Ion: 92 Resp: 6113

Ion Ratio Lower Upper

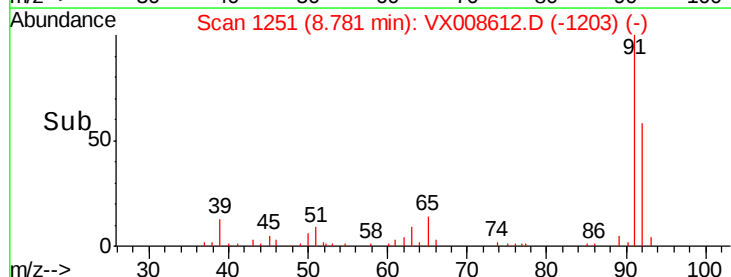
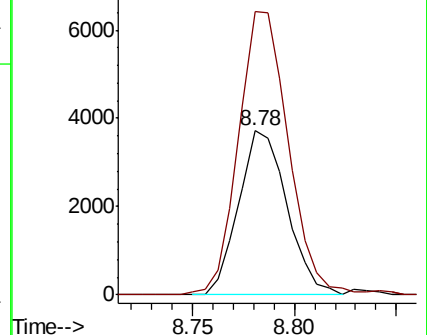
92 100

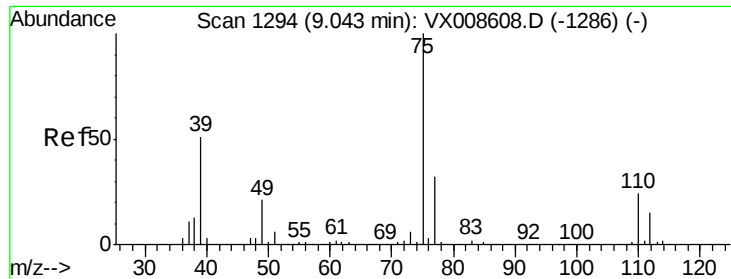
91 178.6 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

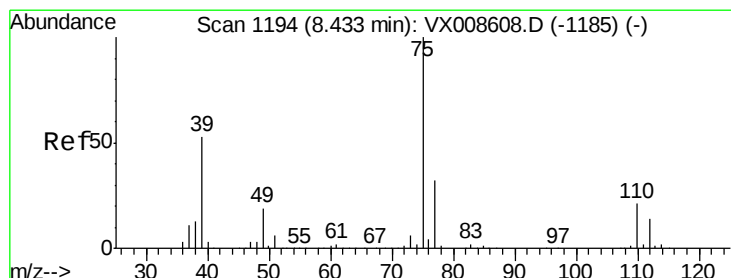
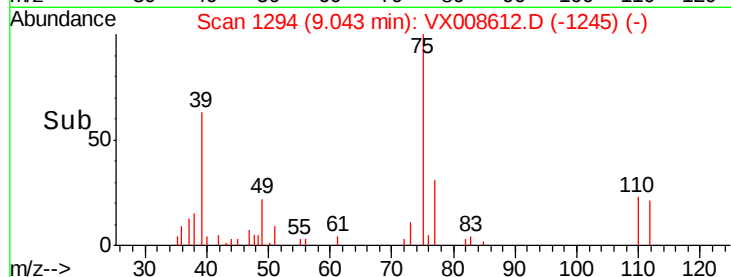
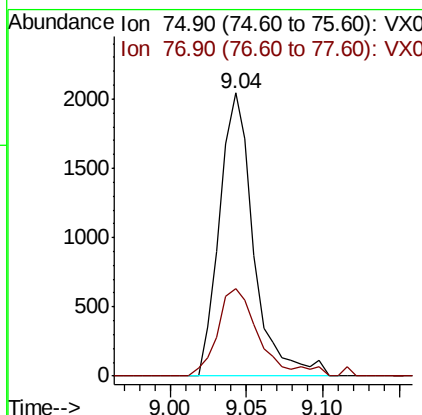
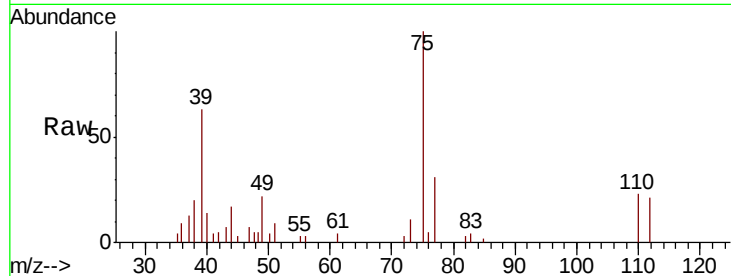




#53
 t-1,3-Dichloropropene
 Concen: 0.866 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

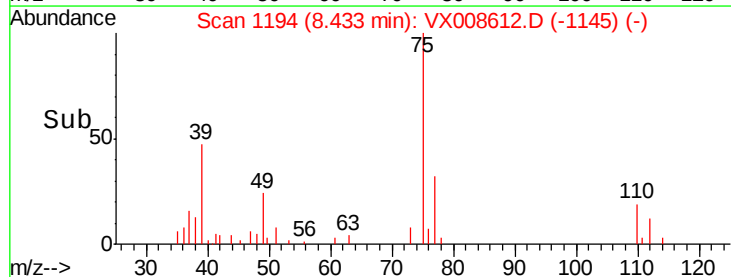
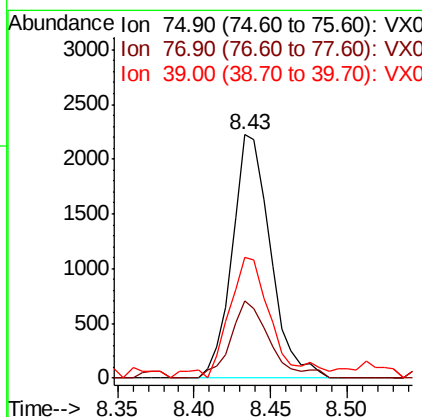
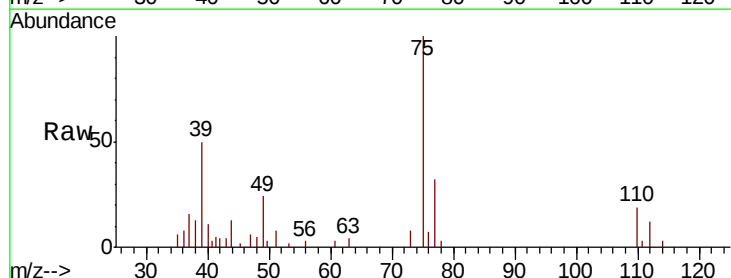
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

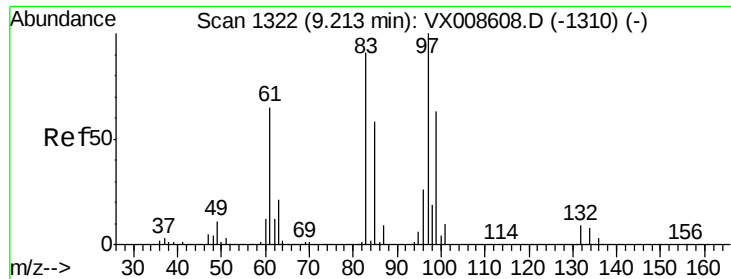
Tot Ion: 75 Resp: 3168
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 0.924 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

Tgt Ion: 75 Resp: 3862
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9
 39 46.9 42.6 63.8



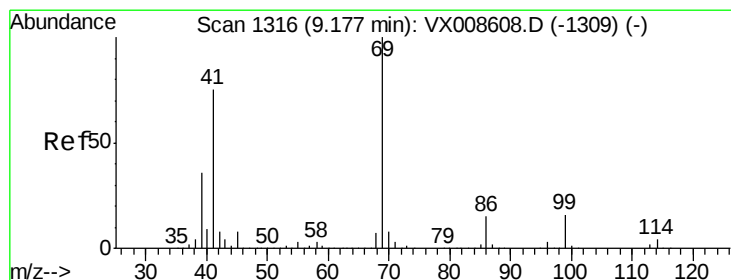
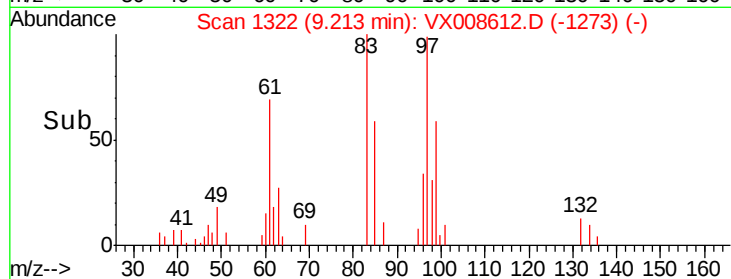
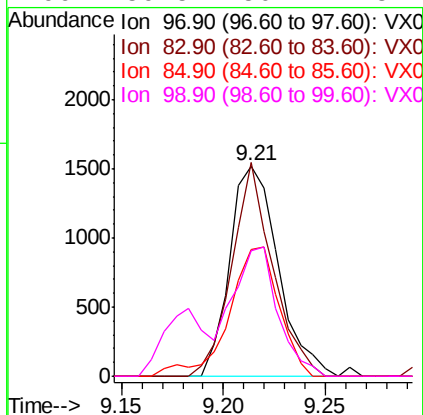
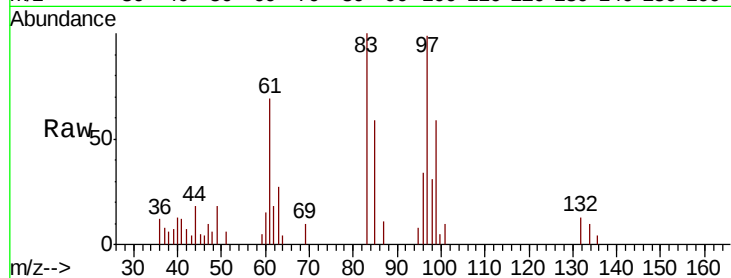


#55
 1,1,2-Trichloroethane
 Concen: 1.009 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 97 Resp: 2498

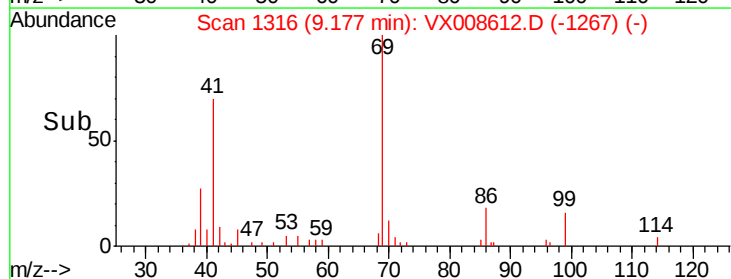
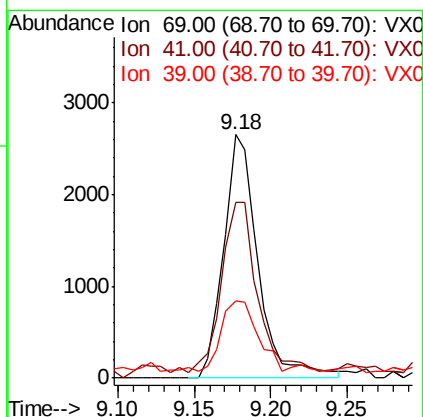
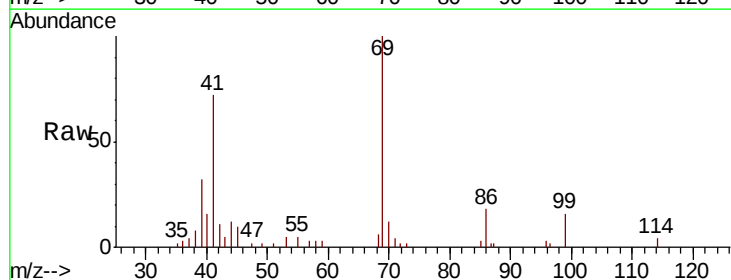
Ion	Ratio	Lower	Upper
97	100		
83	101.5	73.2	109.8
85	60.2	46.6	69.8
99	59.5	50.1	75.1

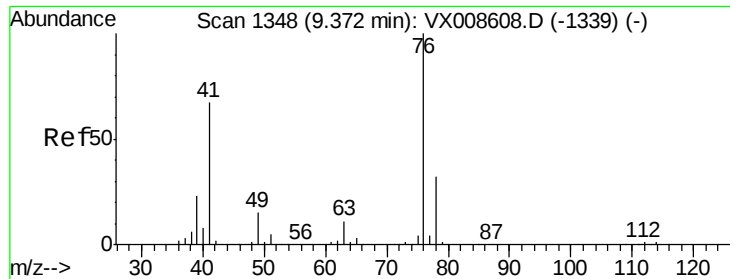


#56
 Ethyl methacrylate
 Concen: 0.921 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

Tgt Ion: 69 Resp: 4126

Ion	Ratio	Lower	Upper
69	100		
41	77.2	60.1	90.1
39	34.3	28.9	43.3

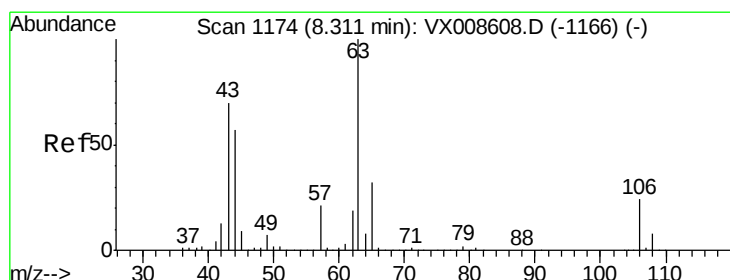
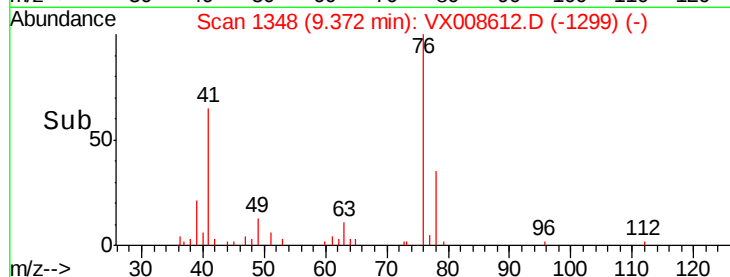
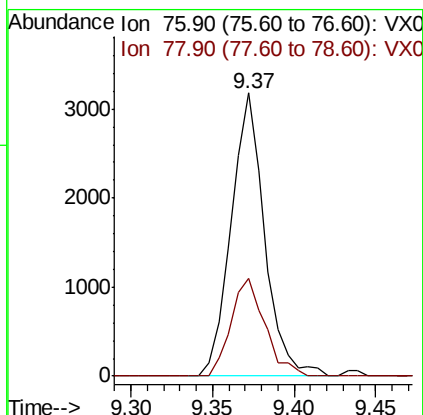
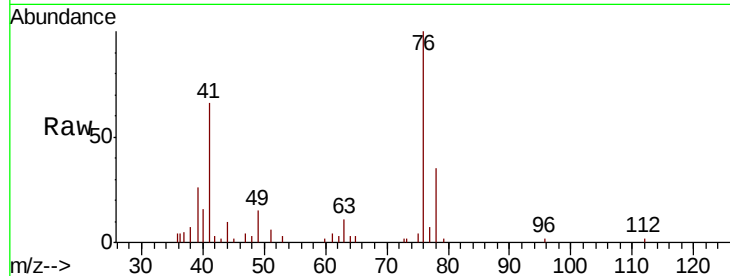




#57
 1,3-Dichloropropane
 Concen: 1.018 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

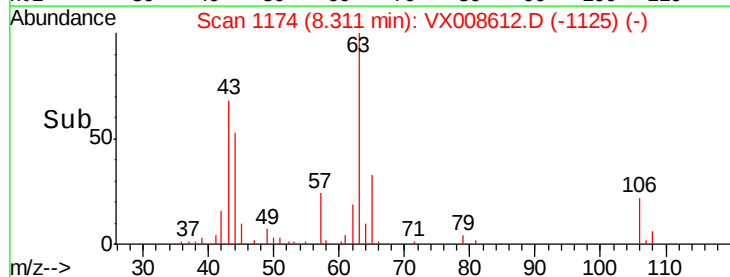
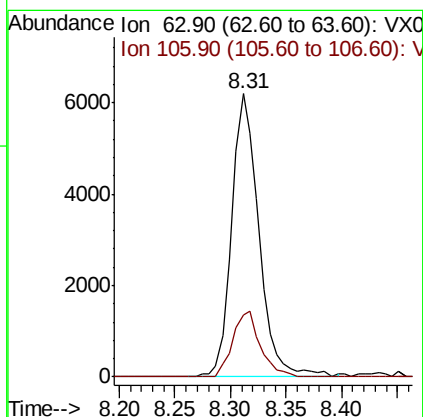
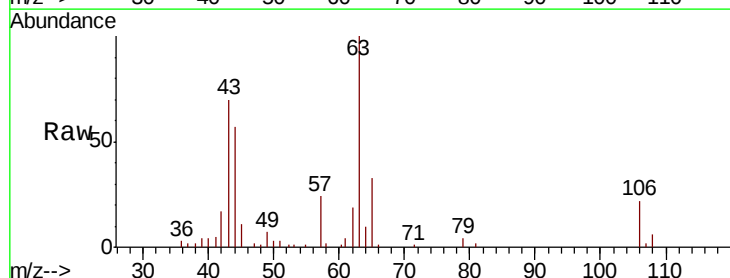
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

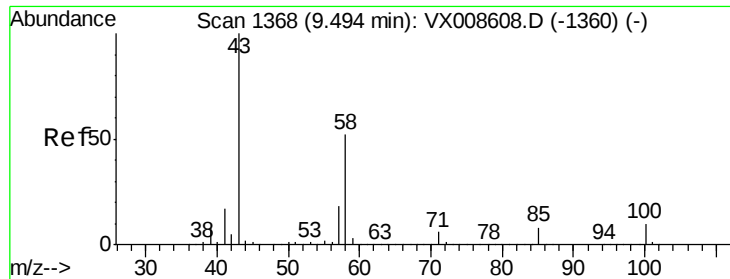
Tot Ion: 76 Resp: 4528
 Ion Ratio Lower Upper
 76 100
 78 35.1 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.584 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

Tgt Ion: 63 Resp: 10487
 Ion Ratio Lower Upper
 63 100
 106 23.4 19.0 28.6

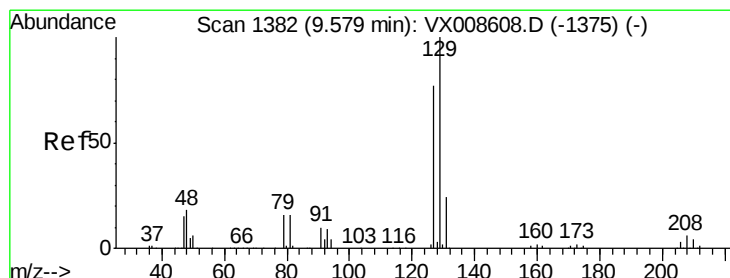
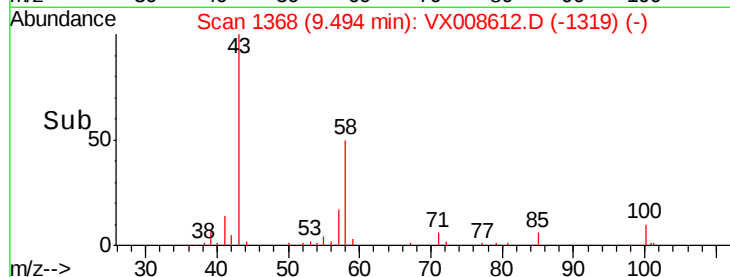
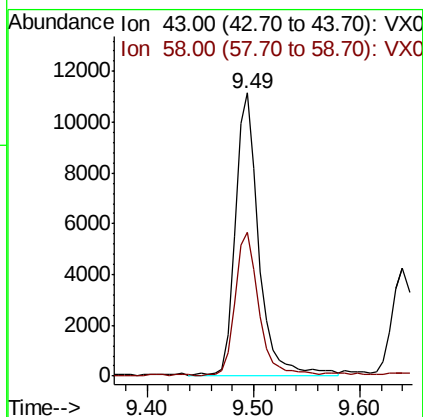
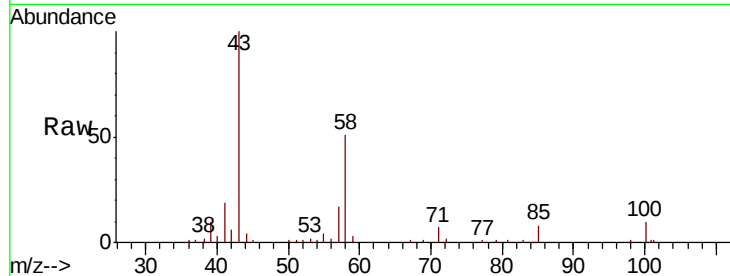




#59
2-Hexanone
Concen: 4.726 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

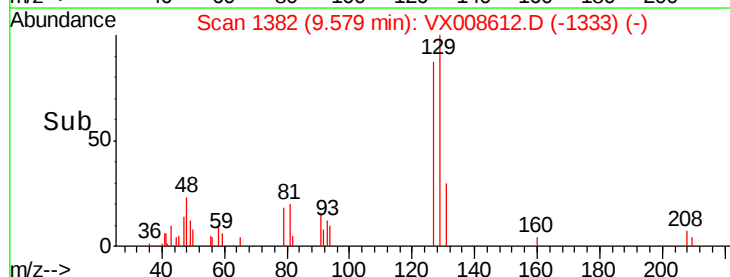
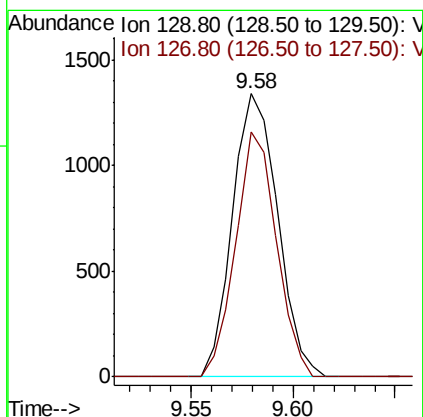
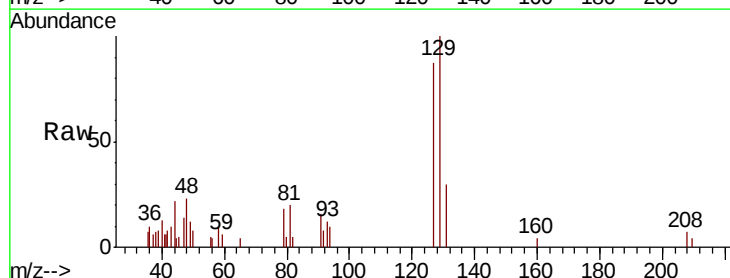
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

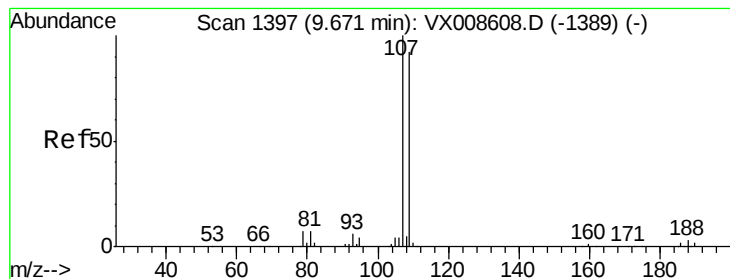
Tot Ion: 43 Resp: 17366
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.7



#60
Dibromochloromethane
Concen: 0.881 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

Tgt Ion: 129 Resp: 2056
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 1.022 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

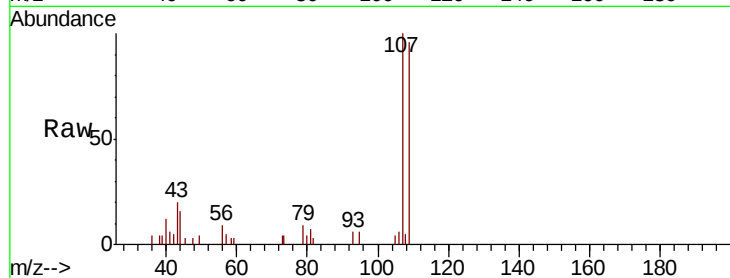
VSTDIC001

Tot Ion:107 Resp: 2634

Ion Ratio Lower Upper

107 100

109 89.6 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

2000

1500

1000

500

0

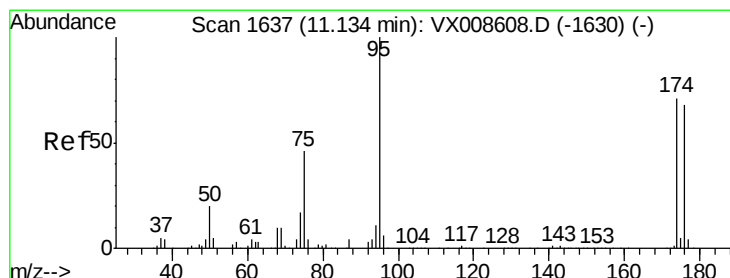
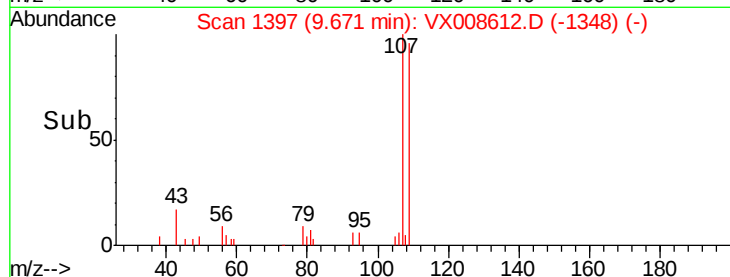
Time-->

9.60

9.65

9.70

9.75



#62

4-Bromofluorobenzene

Concen: 1.342 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

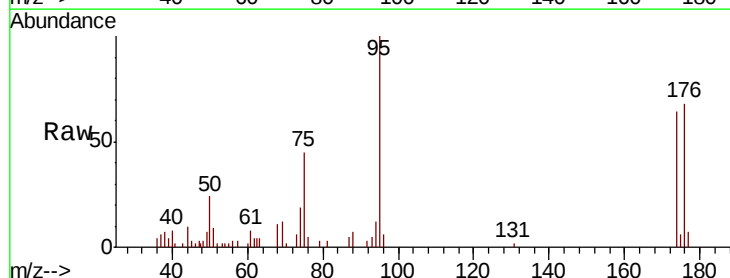
Tgt Ion: 95 Resp: 3894

Ion Ratio Lower Upper

95 100

174 72.1 0.0 151.8

176 69.5 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

4000

3000

2000

1000

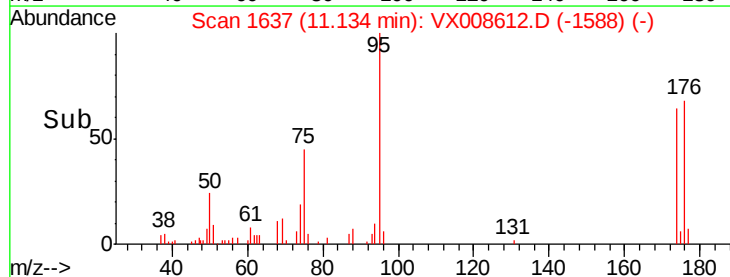
0

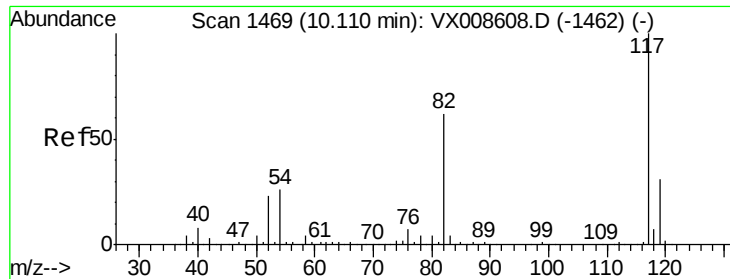
Time-->

11.10

11.15

11.20

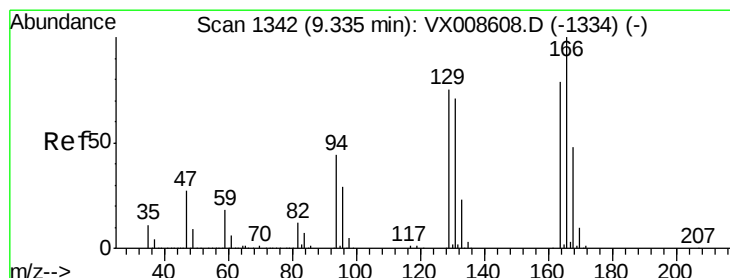
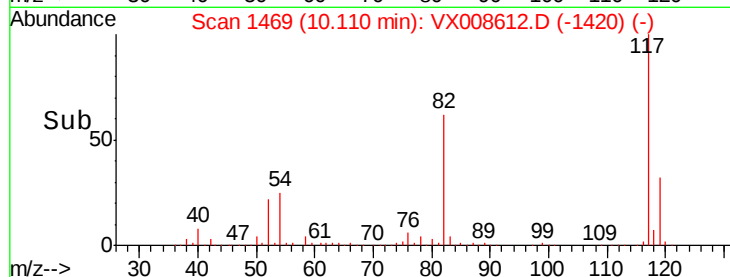
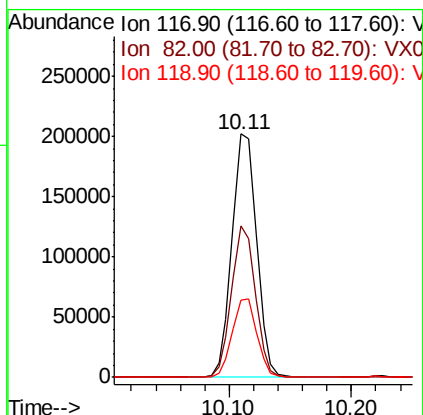
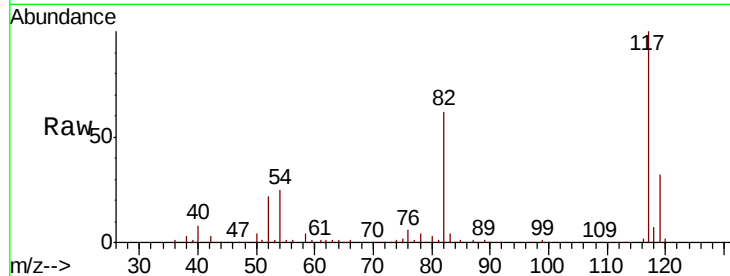




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

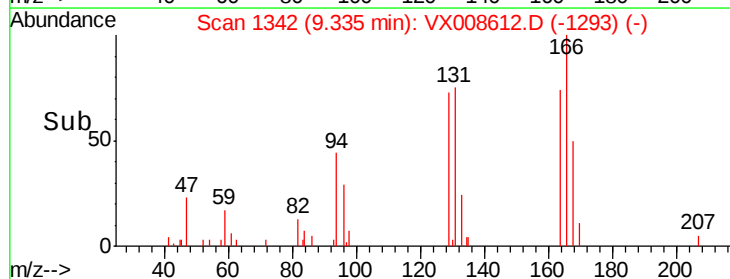
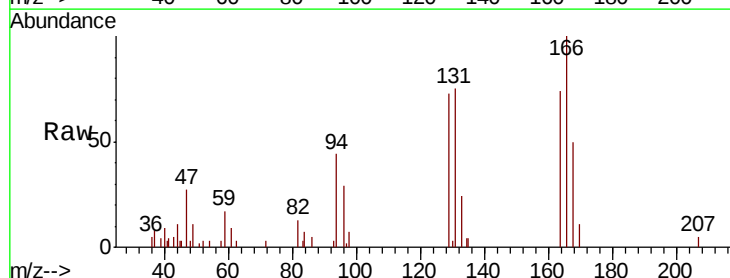
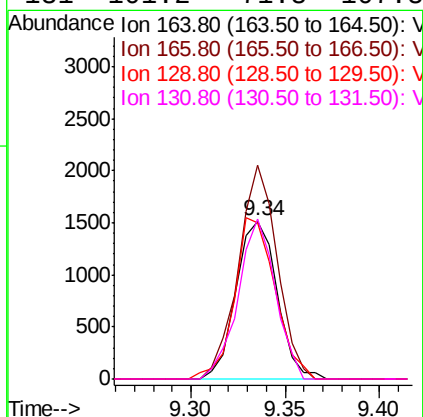
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

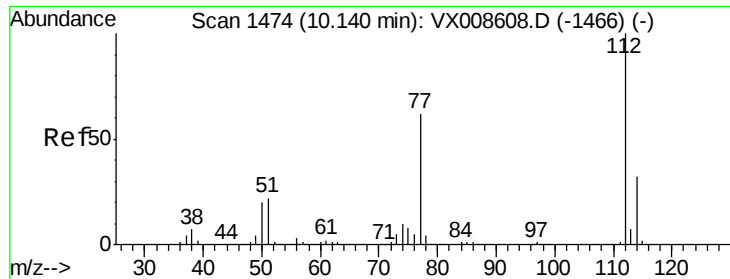
Tot Ion:117 Resp: 281591
Ion Ratio Lower Upper
117 100
82 62.2 49.6 74.4
119 31.9 25.0 37.4



#64
Tetrachloroethene
Concen: 1.097 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

Tgt Ion:164 Resp: 2288
Ion Ratio Lower Upper
164 100
166 135.5 101.0 151.6
129 99.0 75.8 113.8
131 101.2 71.8 107.8





#65

Chlorobenzene

Concen: 1.046 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

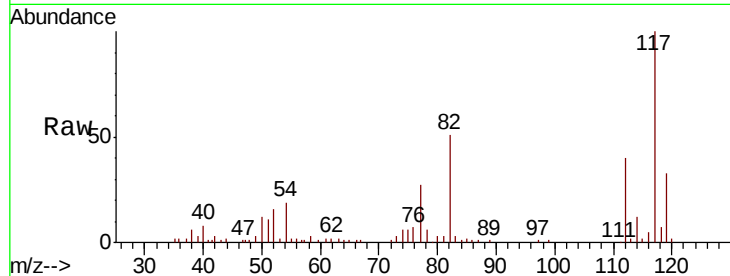
VSTDIC001

Tot Ion:112 Resp: 6532

Ion Ratio Lower Upper

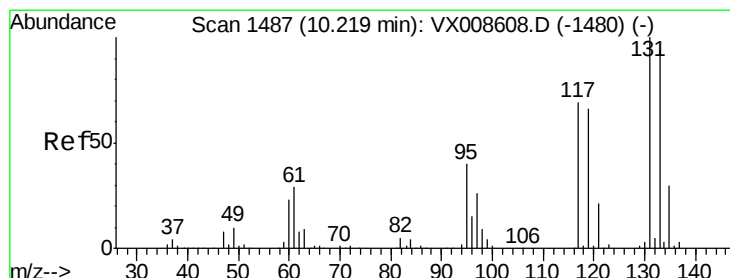
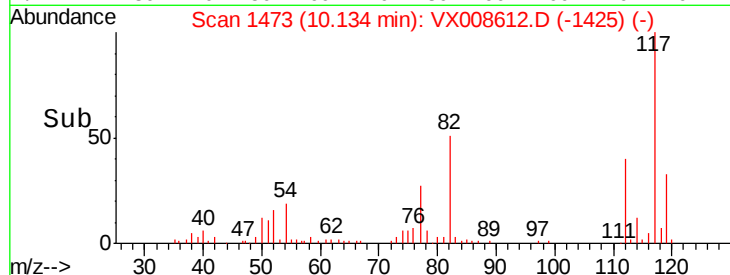
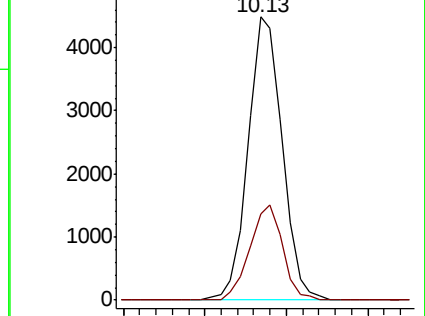
112 100

114 30.5 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.954 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

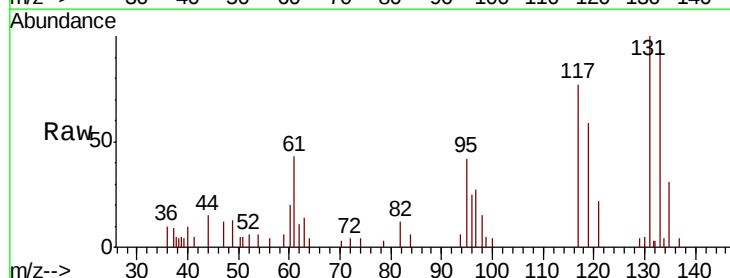
Tgt Ion:131 Resp: 2090

Ion Ratio Lower Upper

131 100

133 92.7 47.0 141.2

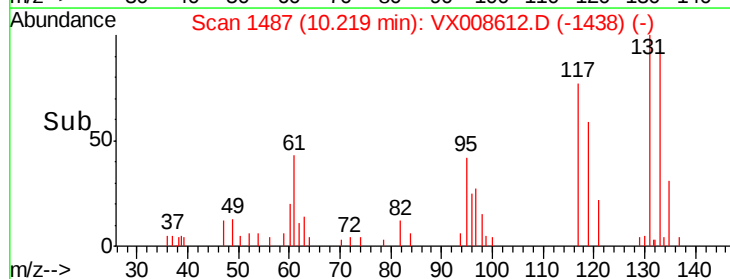
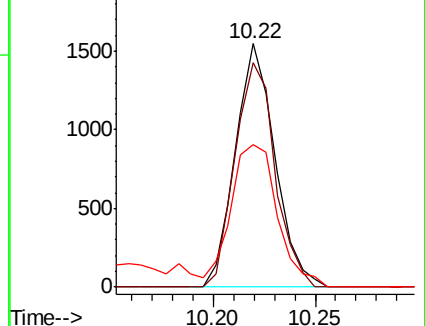
119 0.0 33.7 101.0#

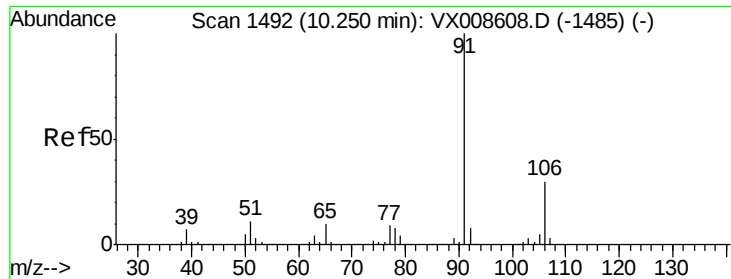


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

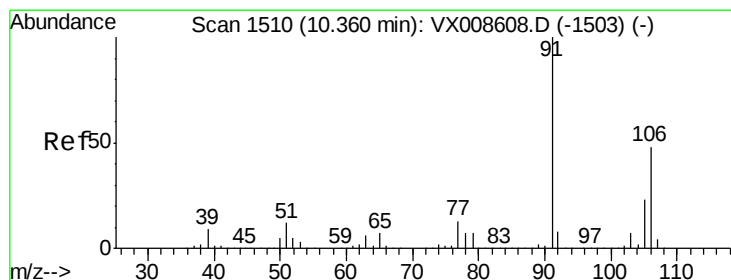
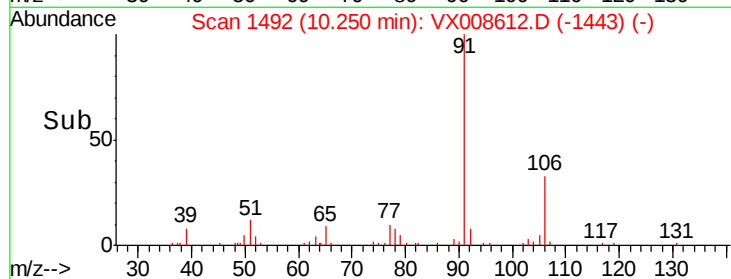
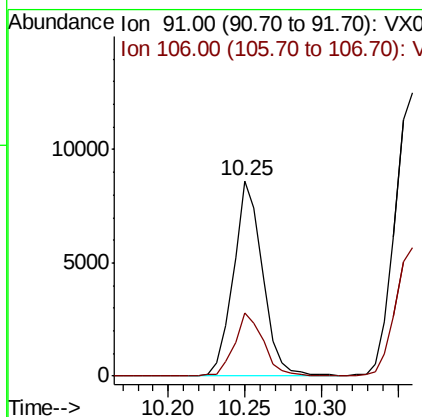
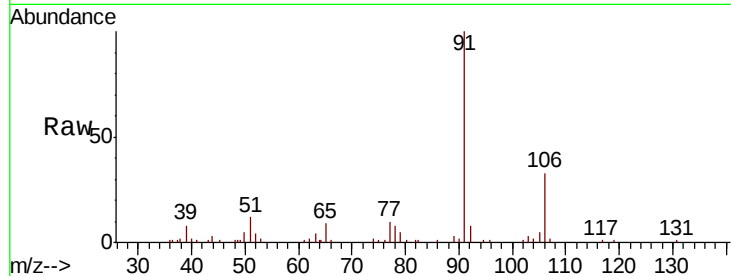




#67
Ethyl Benzene
Concen: 0.978 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

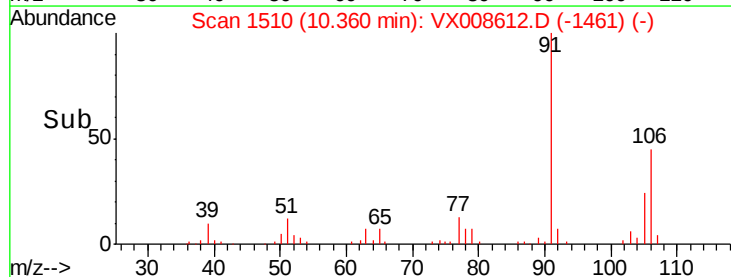
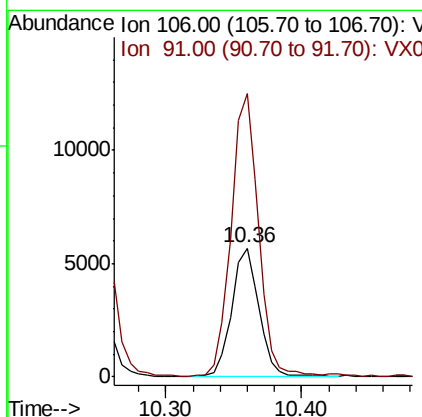
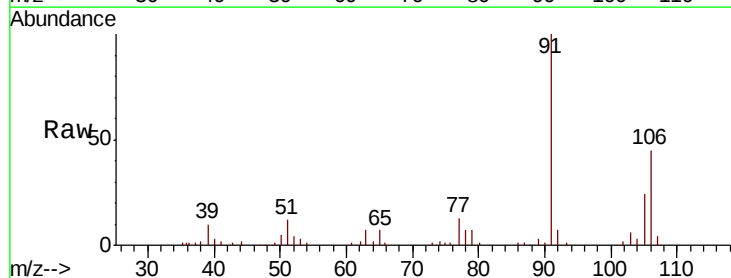
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

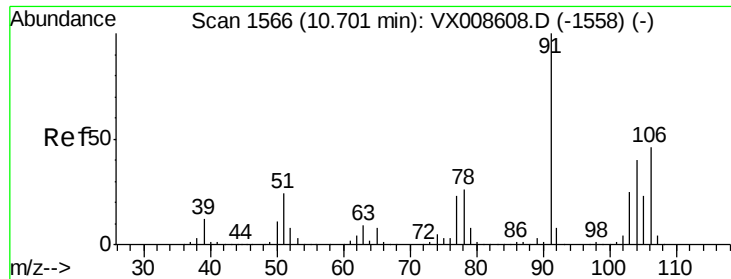
Tot Ion: 91 Resp: 11389
Ion Ratio Lower Upper
91 100
106 32.6 23.7 35.5



#68
m/p-Xylenes
Concen: 1.908 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

Tgt Ion: 106 Resp: 7986
Ion Ratio Lower Upper
106 100
91 219.1 168.5 252.7

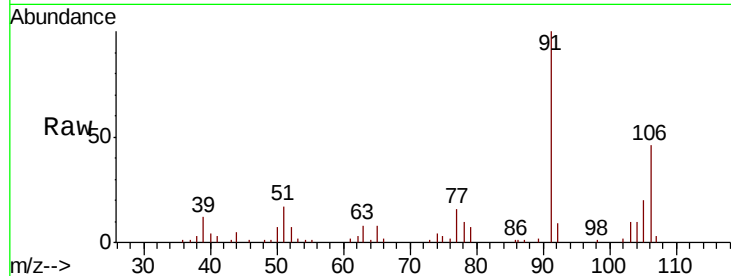




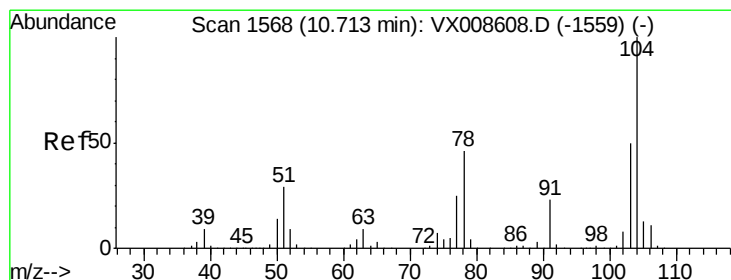
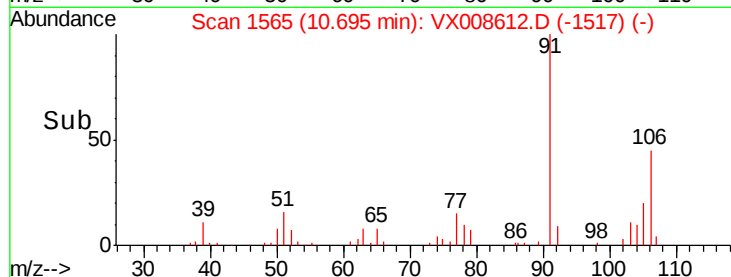
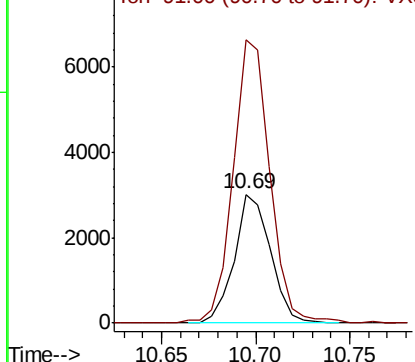
#69
o-Xylene
Concen: 0.985 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 3996
Ion Ratio Lower Upper
106 100
91 224.3 111.5 334.4

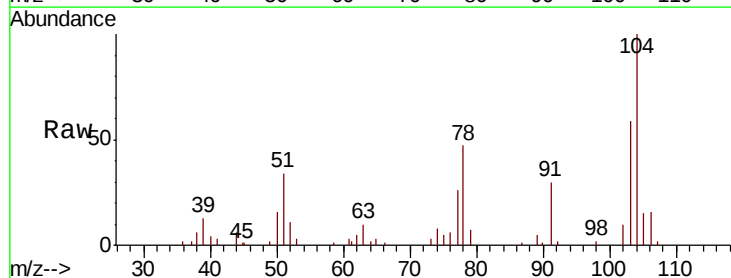


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

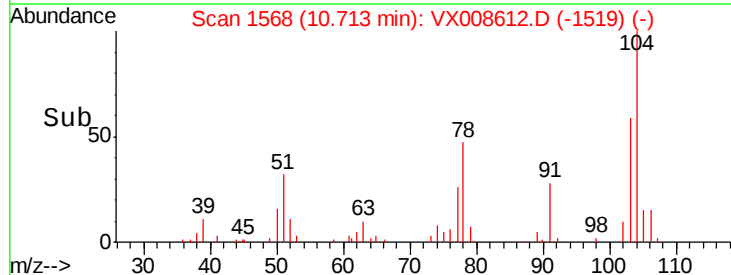
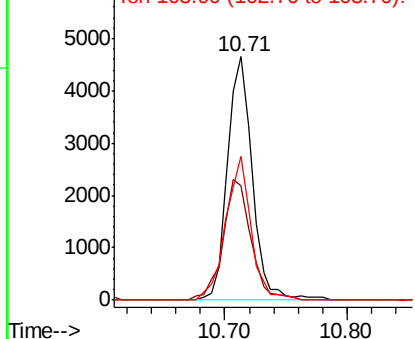


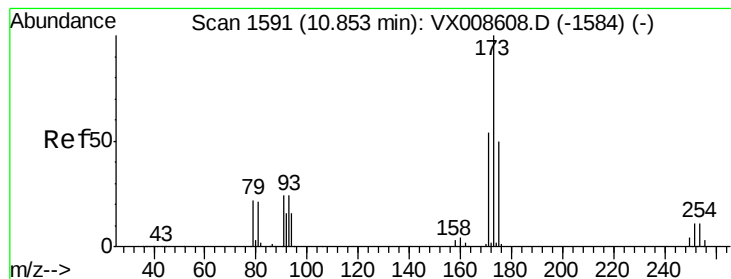
#70
Styrene
Concen: 0.932 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

Tgt Ion:104 Resp: 6519
Ion Ratio Lower Upper
104 100
78 55.8 42.3 63.5
103 60.1 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: 0.811 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

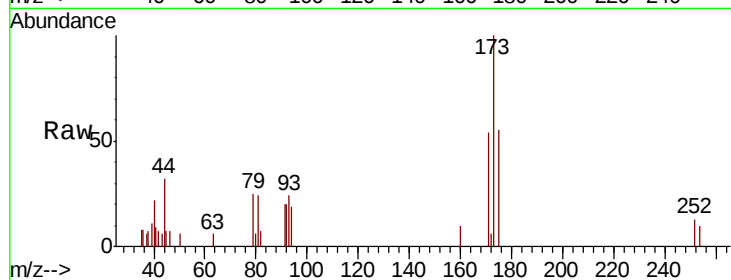
Tot Ion:173 Resp: 1357

Ion Ratio Lower Upper

173 100

175 56.4 24.9 74.6

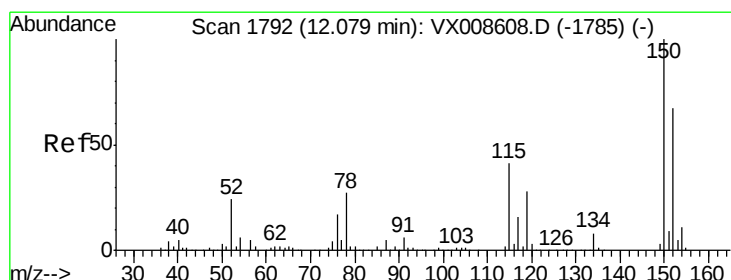
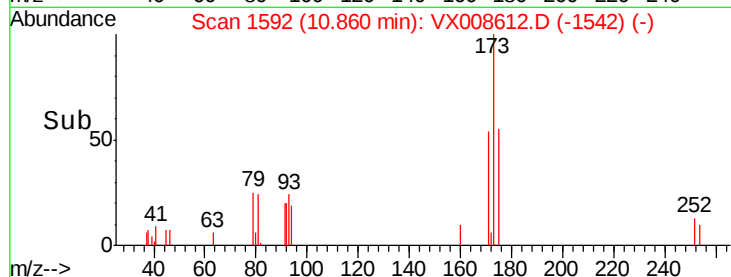
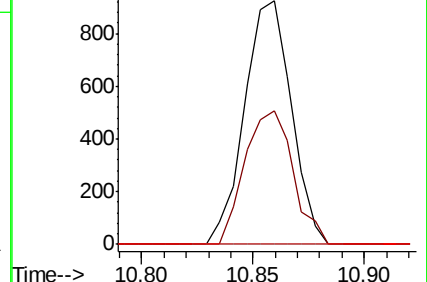
254 0.0 0.1 0.1#



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: VX008612.D

Acq: 03 Apr 2019 12:16

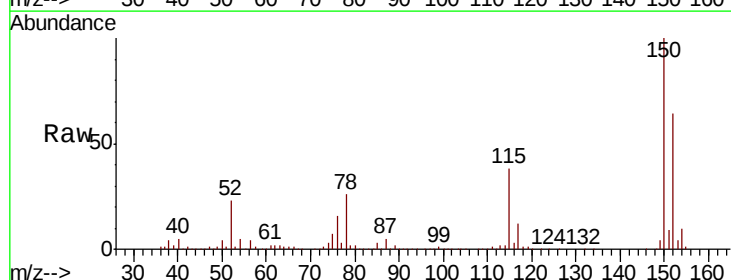
Tgt Ion:152 Resp: 122184

Ion Ratio Lower Upper

152 100

115 61.3 43.5 130.5

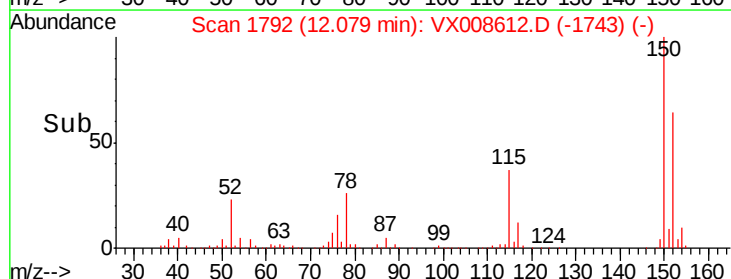
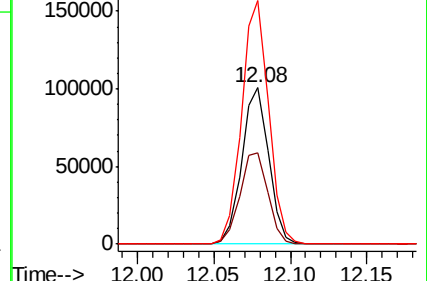
150 156.6 0.0 348.8

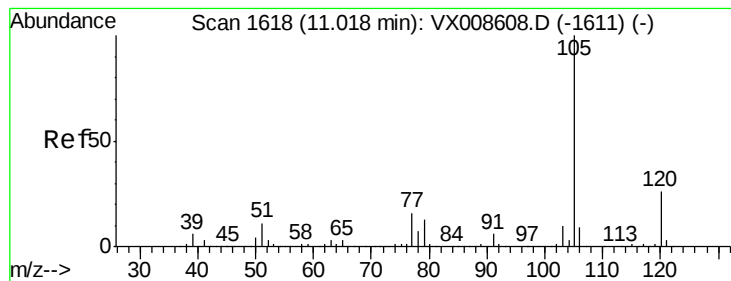


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.997 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

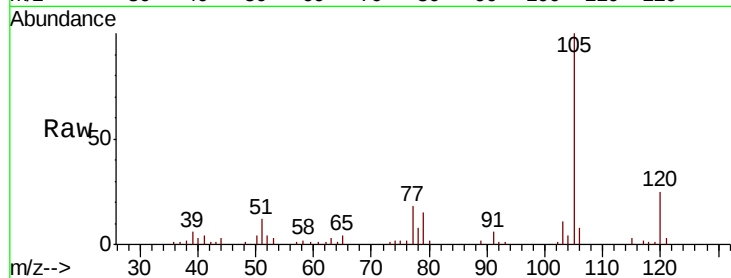
VSTDIC001

Tot Ion:105 Resp: 10100

Ion Ratio Lower Upper

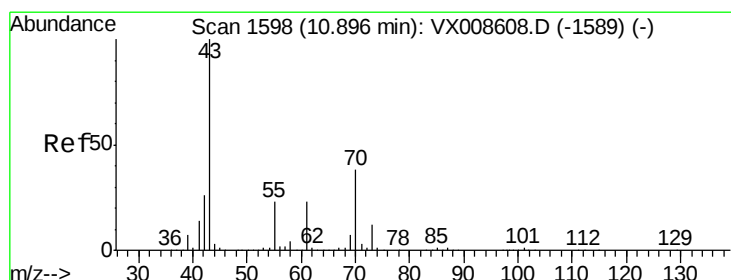
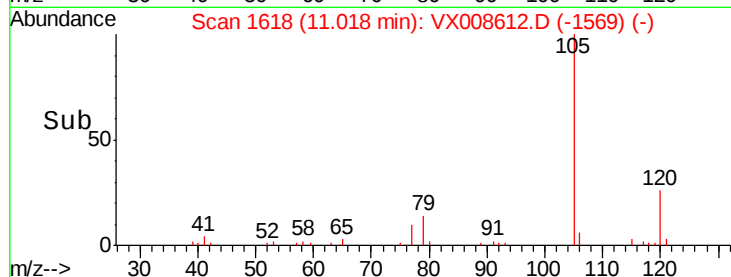
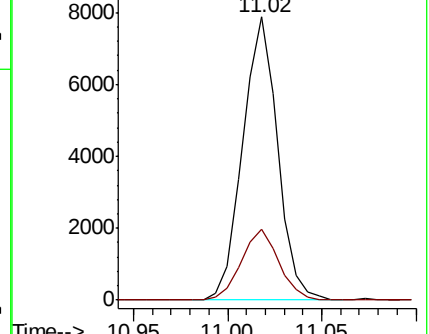
105 100

120 26.9 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: 0.978 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Tgt Ion: 43 Resp: 5828

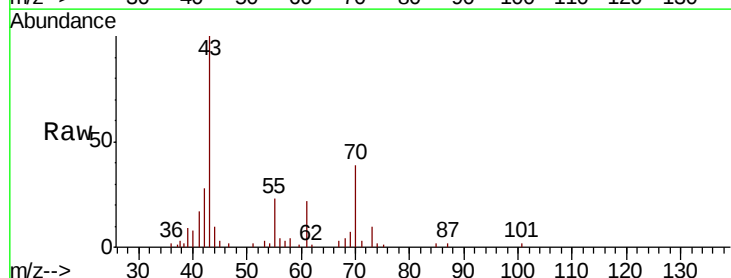
Ion Ratio Lower Upper

43 100

70 36.9 30.2 45.4

55 23.7 18.2 27.4

61 21.2 18.6 28.0

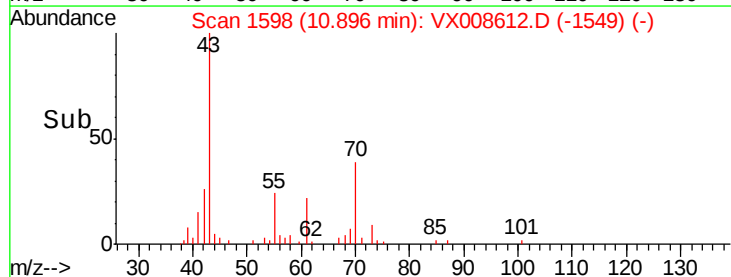
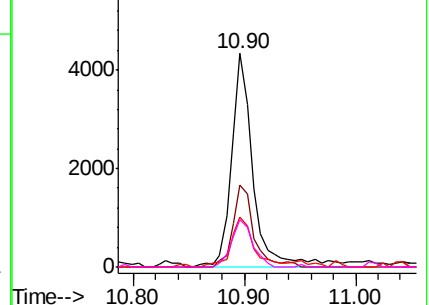


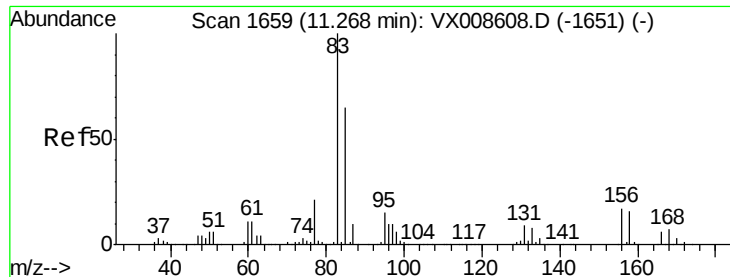
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.062 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

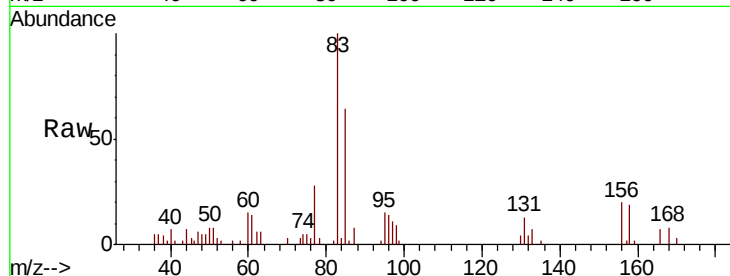
Tot Ion: 83 Resp: 4090

Ion Ratio Lower Upper

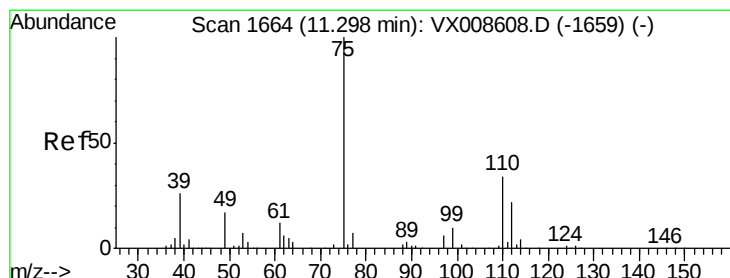
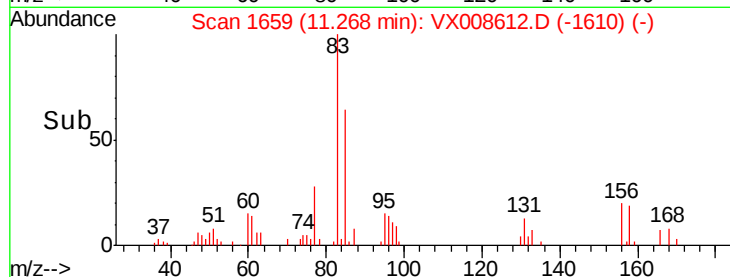
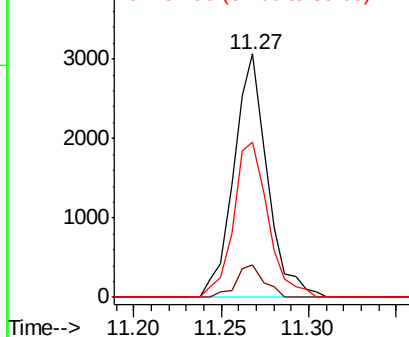
83 100

131 11.0 4.5 13.7

85 65.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.360 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008612.D

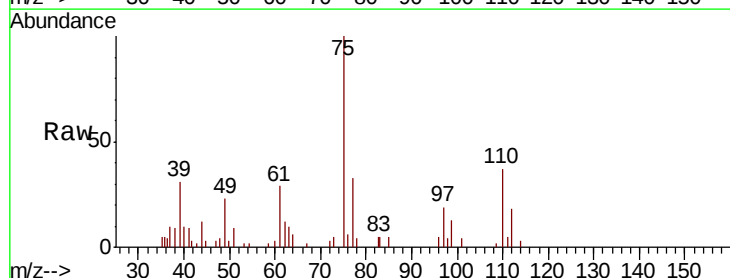
Acq: 03 Apr 2019 12:16

Tgt Ion: 75 Resp: 4912

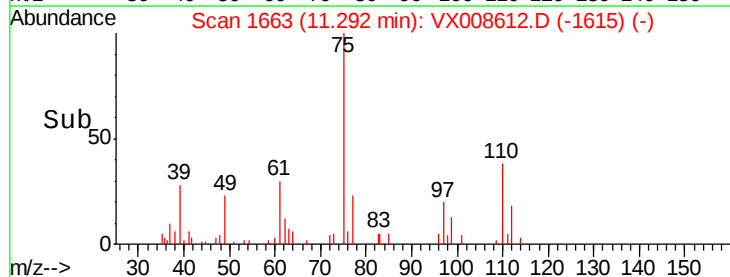
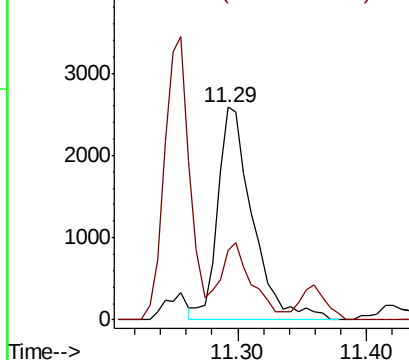
Ion Ratio Lower Upper

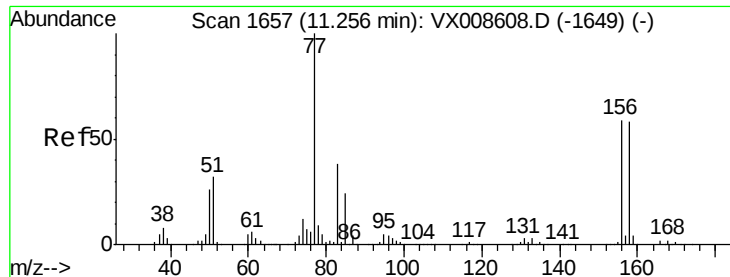
75 100

77 31.2 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: 1.043 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

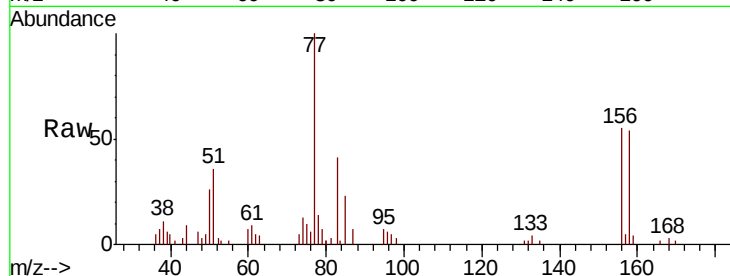
Tot Ion:156 Resp: 2539

Ion Ratio Lower Upper

156 100

77 184.7 89.8 269.6

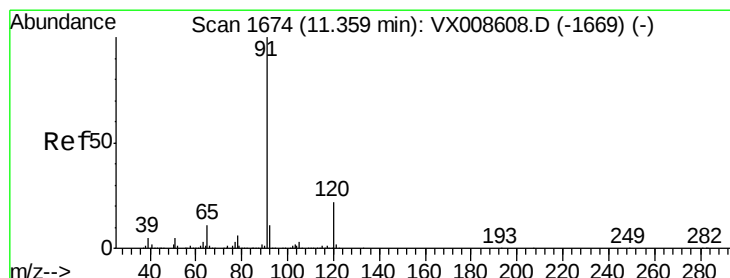
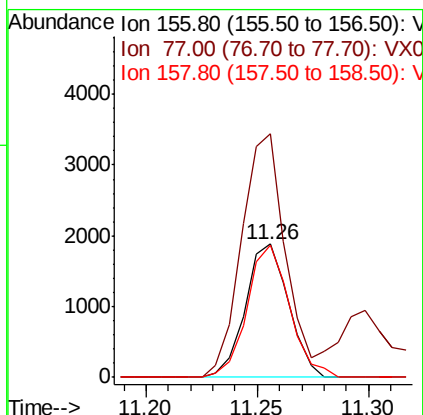
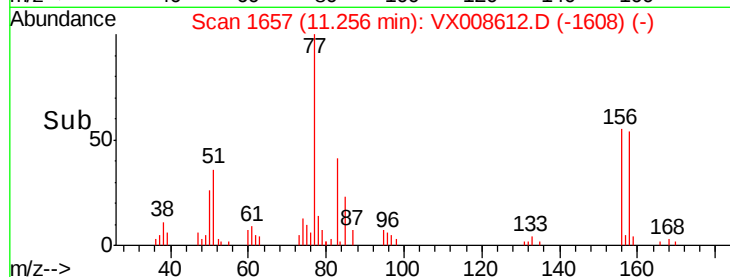
158 97.7 48.6 145.9



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: 0.965 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008612.D

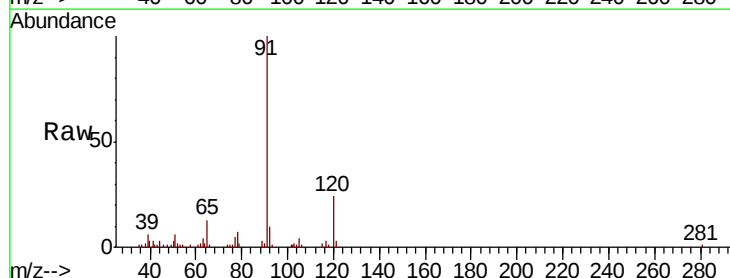
Acq: 03 Apr 2019 12:16

Tgt Ion: 91 Resp: 11378

Ion Ratio Lower Upper

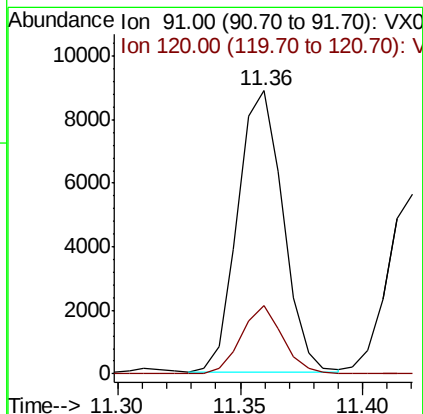
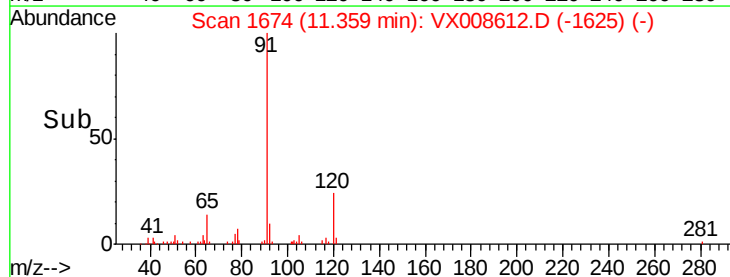
91 100

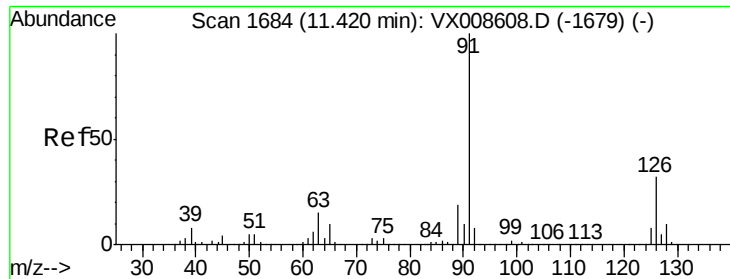
120 22.3 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

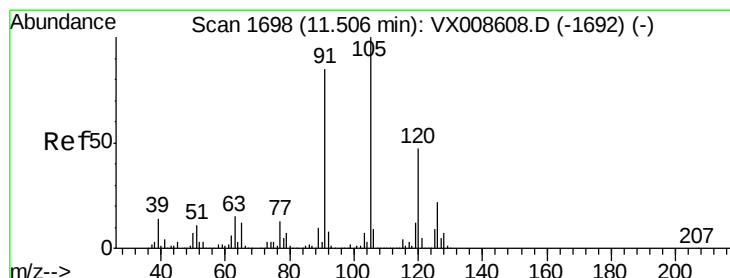
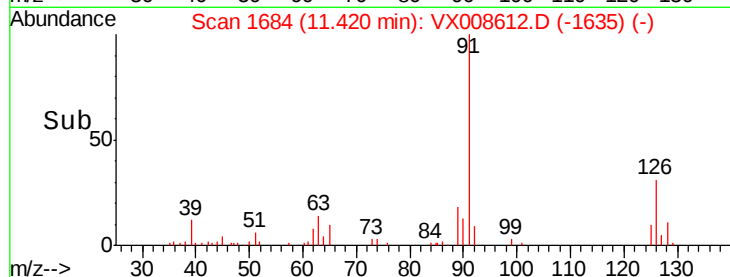
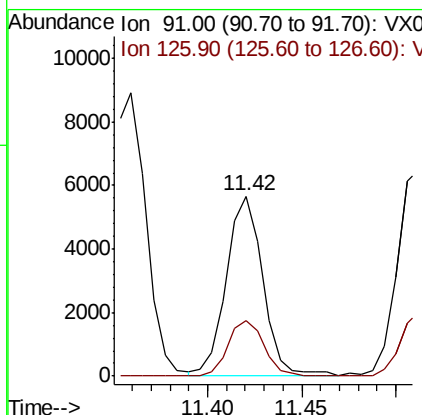
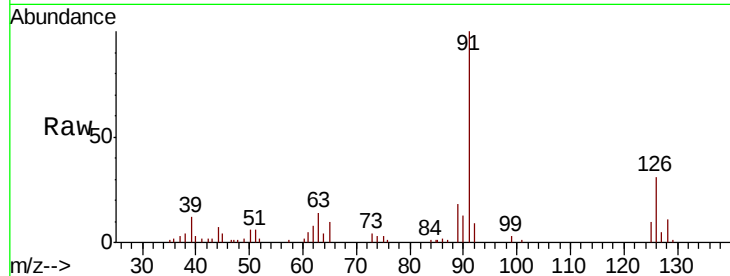




#79
 2-Chlorotoluene
 Concen: 1.073 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

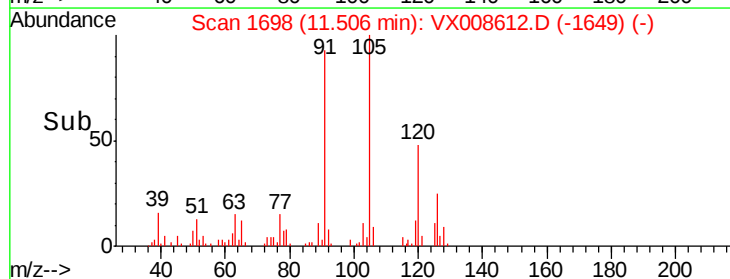
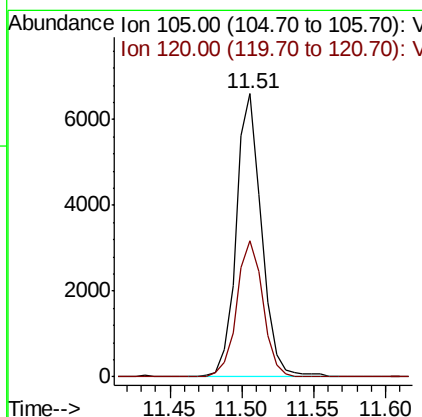
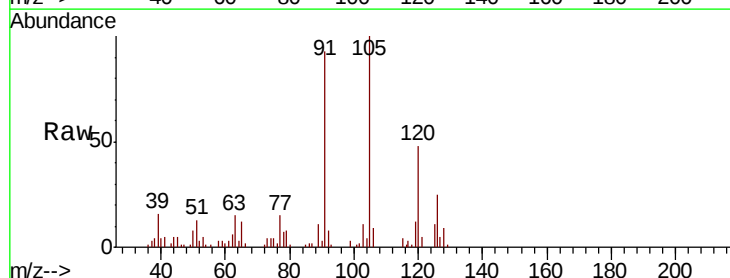
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

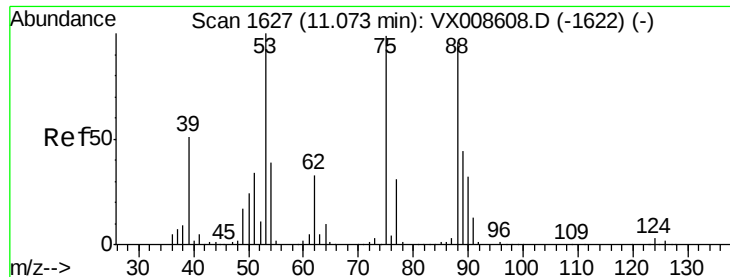
Tot Ion: 91 Resp: 7655
 Ion Ratio Lower Upper
 91 100
 126 30.0 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 0.955 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

Tgt Ion: 105 Resp: 8117
 Ion Ratio Lower Upper
 105 100
 120 49.3 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 0.837 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

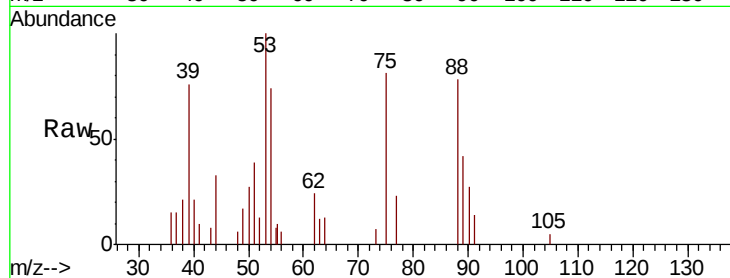
Tot Ion: 75 Resp: 1019

Ion Ratio Lower Upper

75 100

53 144.2 81.3 121.9#

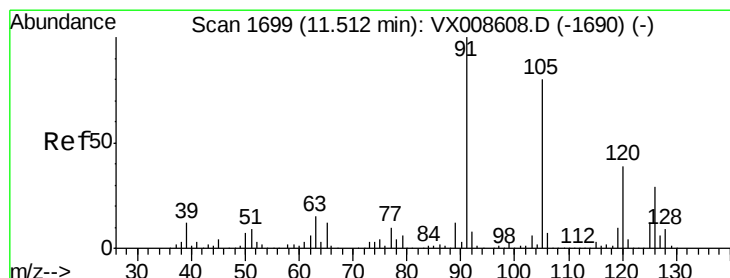
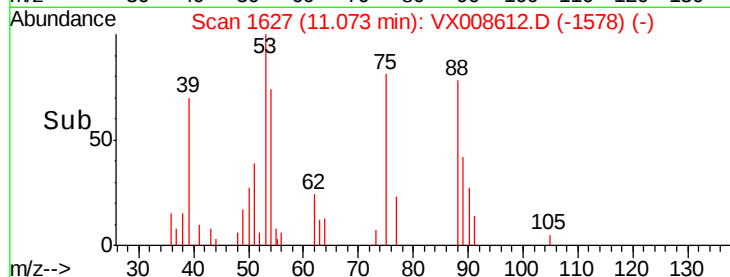
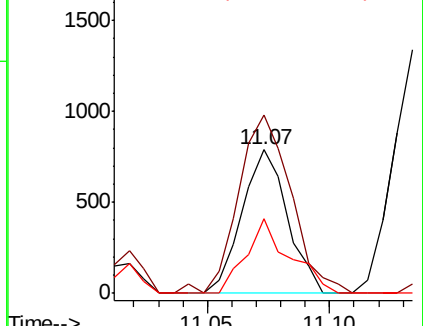
89 50.0 35.6 53.4



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: 1.067 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008612.D

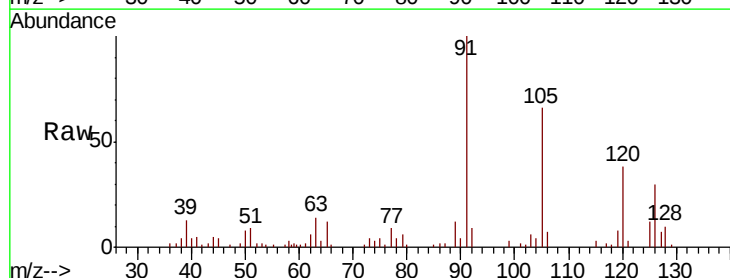
Acq: 03 Apr 2019 12:16

Tgt Ion: 91 Resp: 8812

Ion Ratio Lower Upper

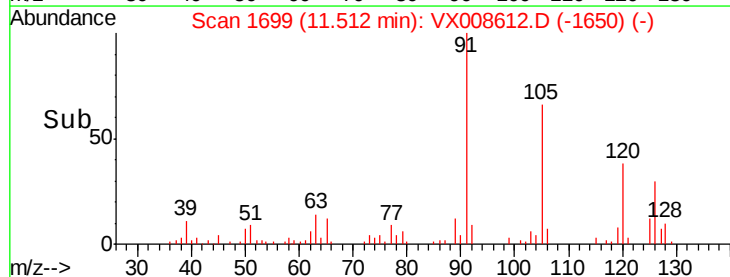
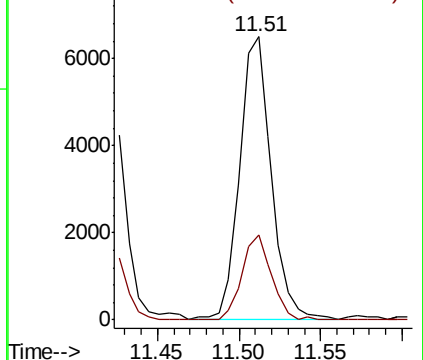
91 100

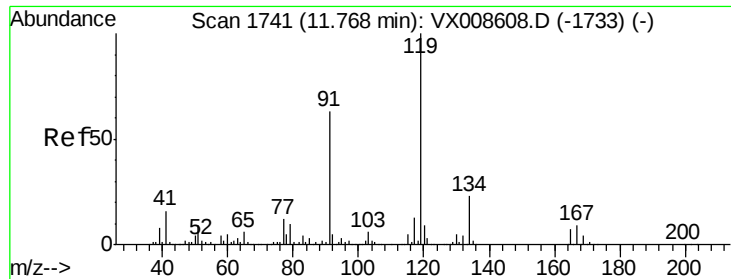
126 27.7 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

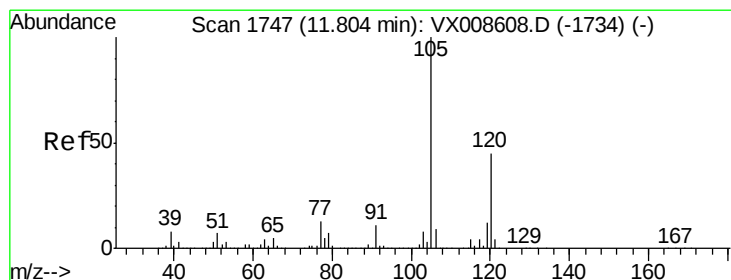
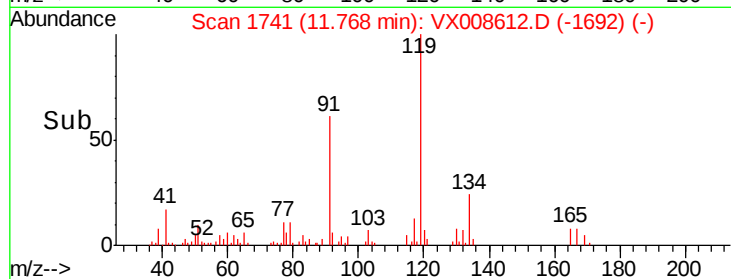
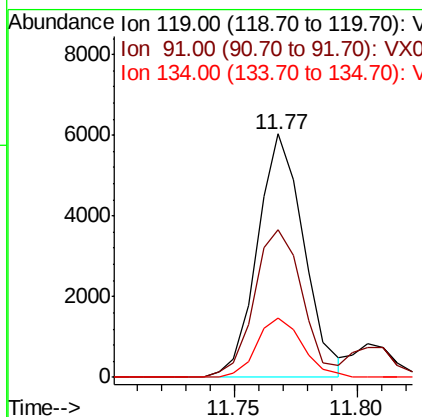
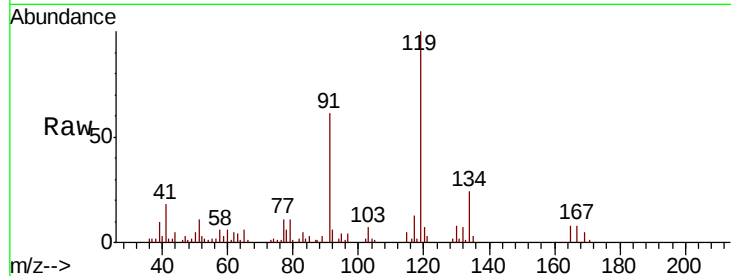




#83
 tert-Butylbenzene
 Concen: 0.973 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

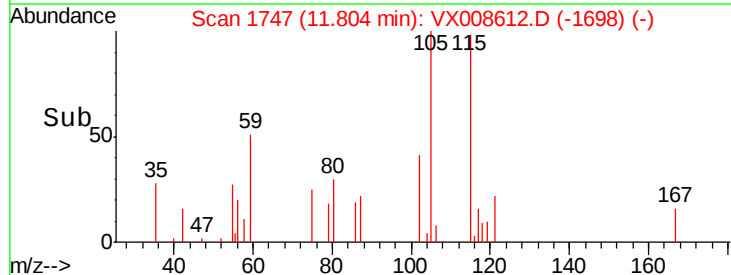
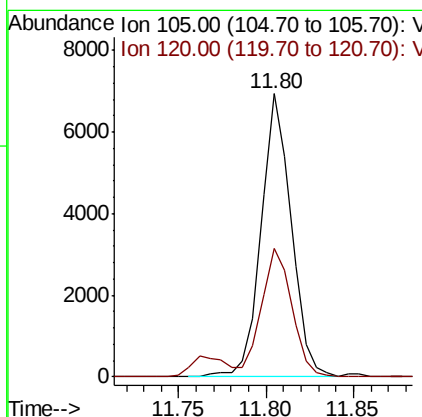
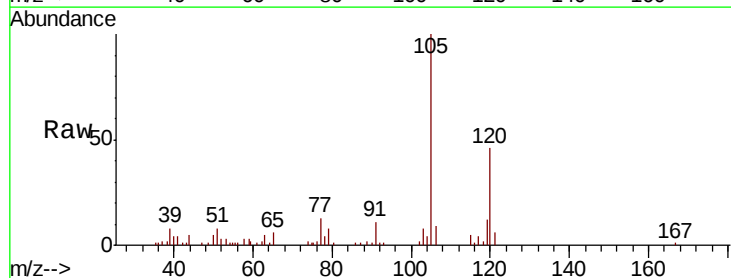
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

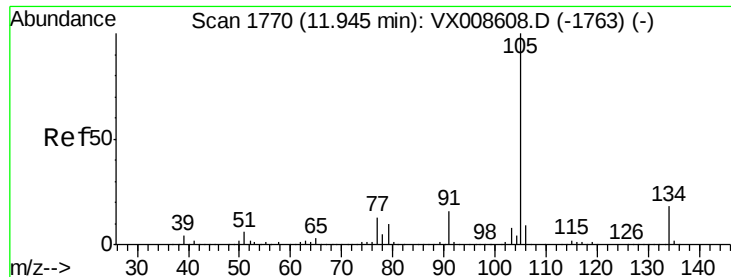
Tot Ion:119 Resp: 7958
 Ion Ratio Lower Upper
 119 100
 91 63.3 30.0 90.1
 134 24.1 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 0.965 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

Tgt Ion:105 Resp: 8306
 Ion Ratio Lower Upper
 105 100
 120 46.9 21.8 65.3





#85

sec-Butylbenzene

Concen: 0.958 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

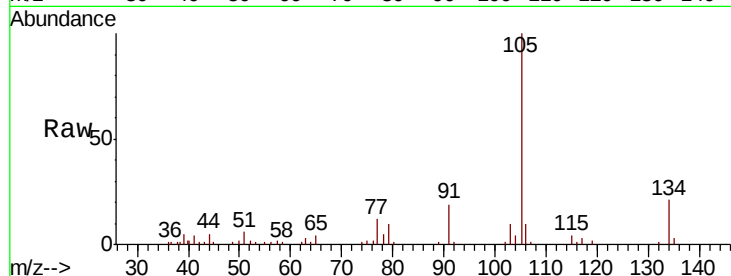
VSTDIC001

Tot Ion:105 Resp: 9304

Ion Ratio Lower Upper

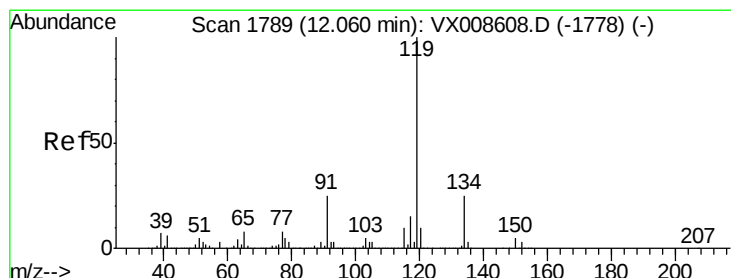
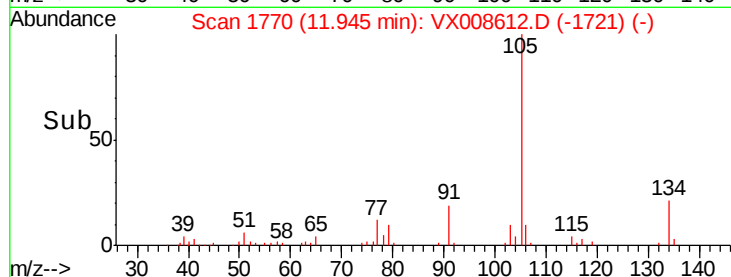
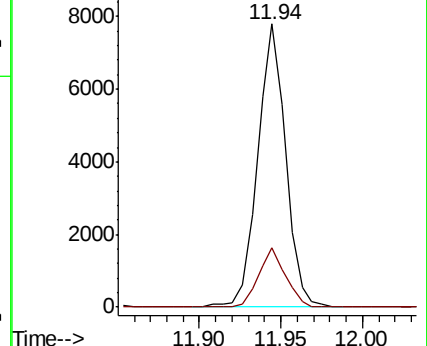
105 100

134 20.2 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: 0.934 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

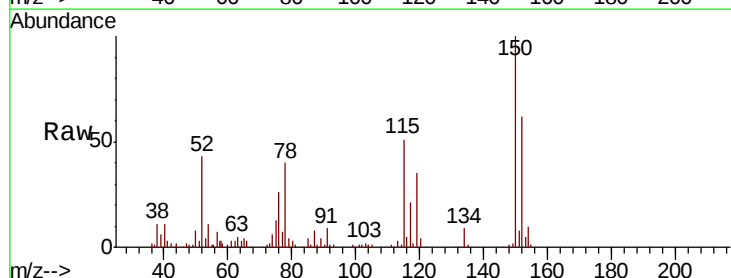
Tgt Ion:119 Resp: 8145

Ion Ratio Lower Upper

119 100

134 27.6 12.8 38.4

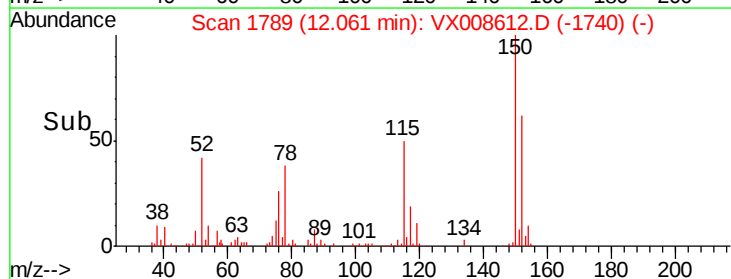
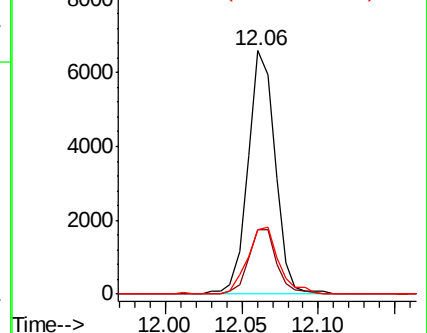
91 31.4 12.2 36.6

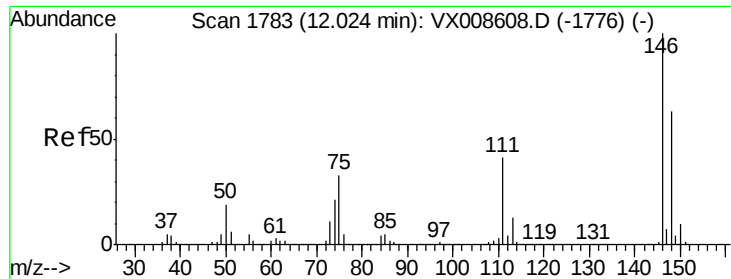


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 1.106 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

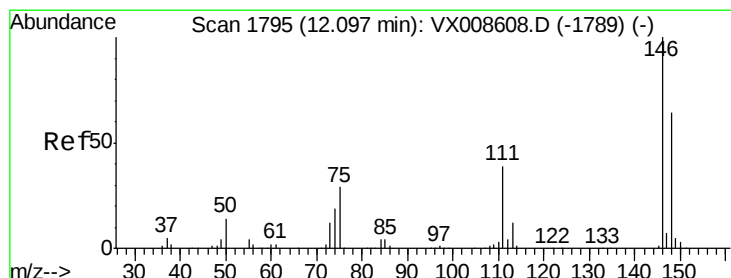
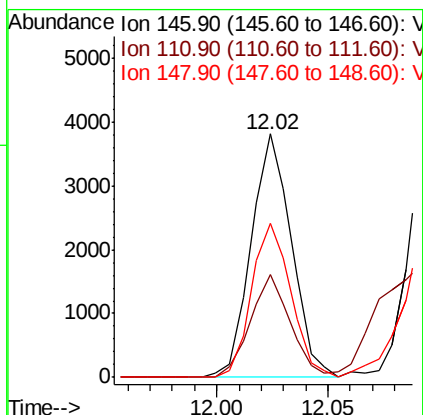
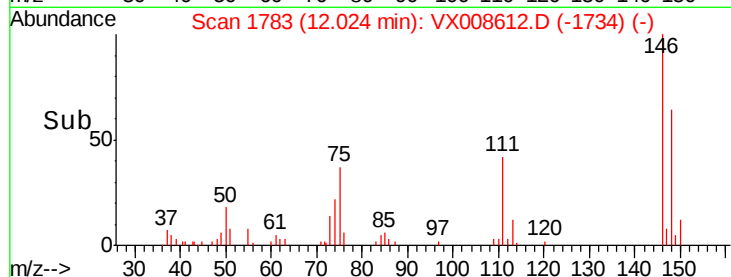
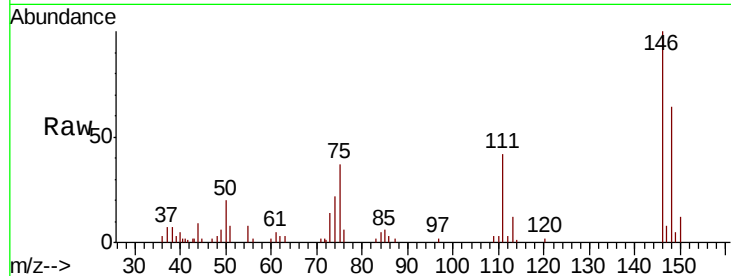
Tot Ion:146 Resp: 4818

Ion Ratio Lower Upper

146 100

111 41.7 20.5 61.5

148 61.8 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 1.092 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.07 min

Lab File: VX008612.D

Acq: 03 Apr 2019 12:16

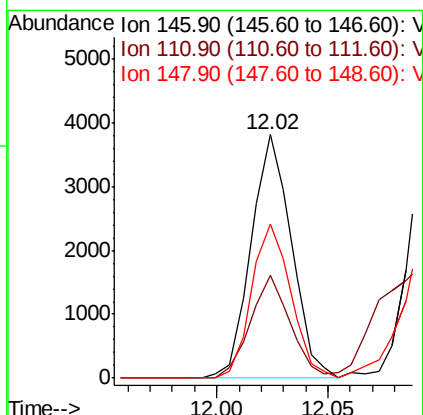
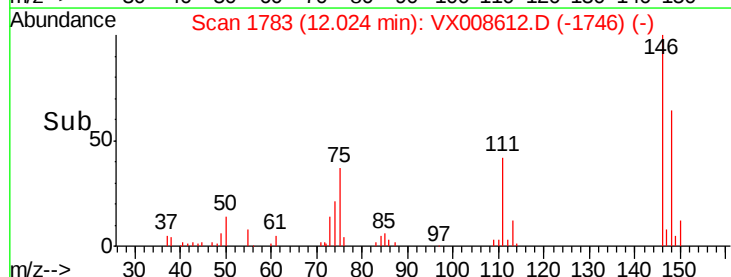
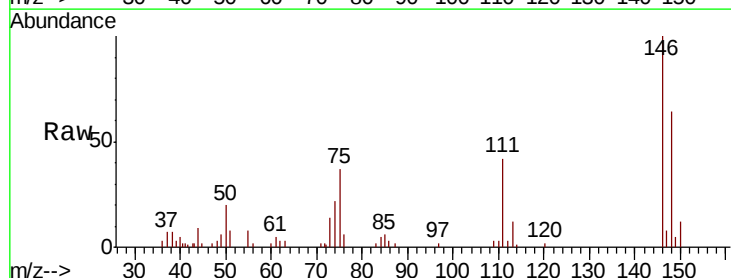
Tgt Ion:146 Resp: 4818

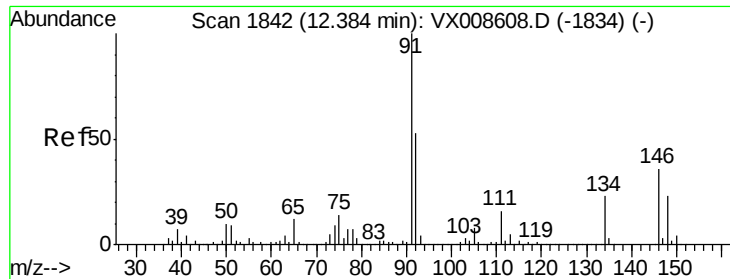
Ion Ratio Lower Upper

146 100

111 41.7 20.2 60.6

148 61.8 32.0 96.0

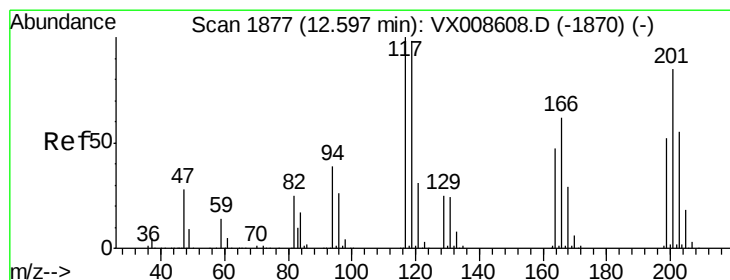
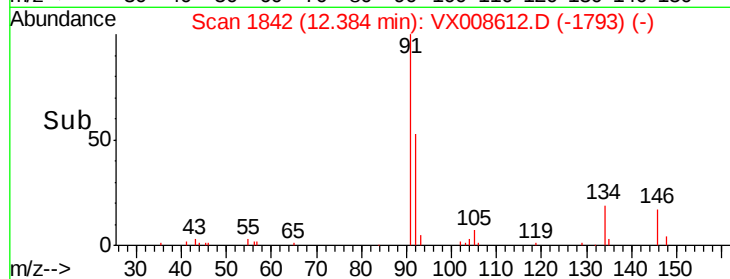
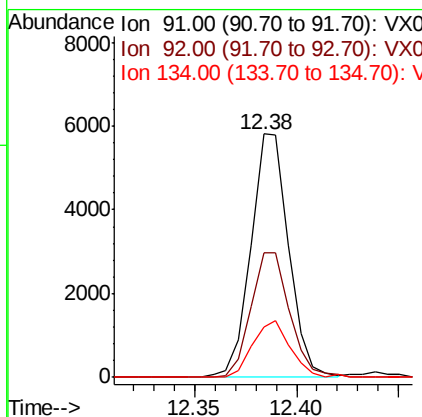
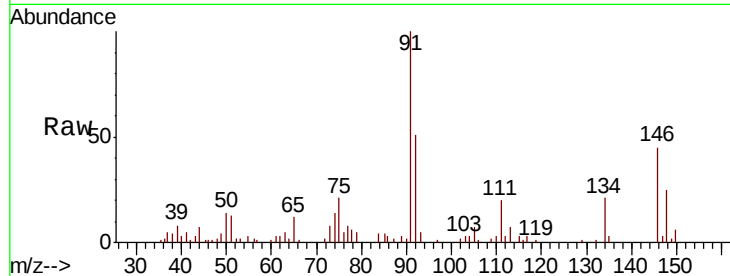




#89
n-Butylbenzene
Concen: 0.918 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

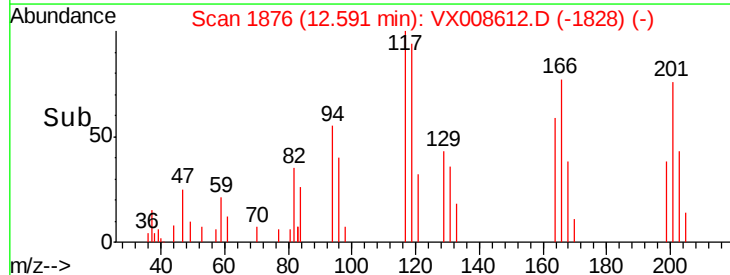
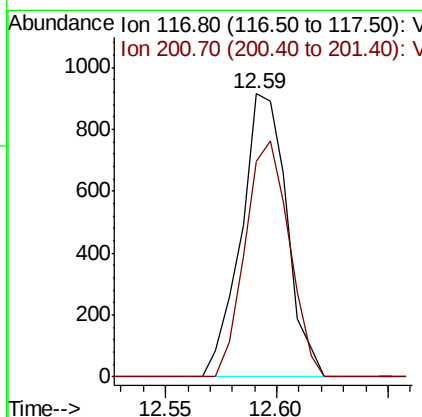
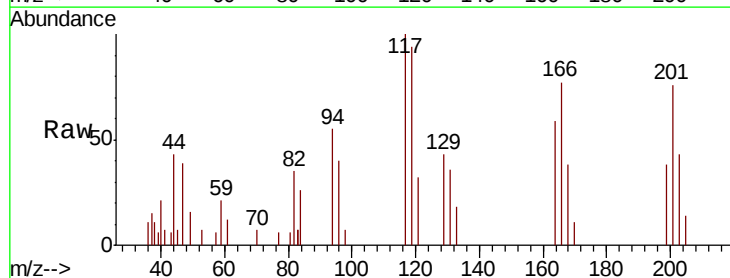
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 91 Resp: 7507
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.2
134 23.1 12.0 36.0



#90
Hexachloroethane
Concen: 0.905 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

Tgt Ion: 117 Resp: 1308
Ion Ratio Lower Upper
117 100
201 80.4 40.6 122.0

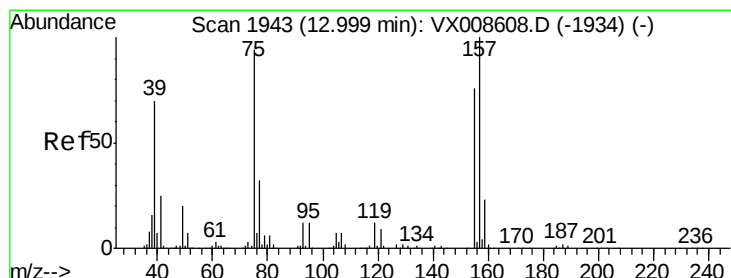
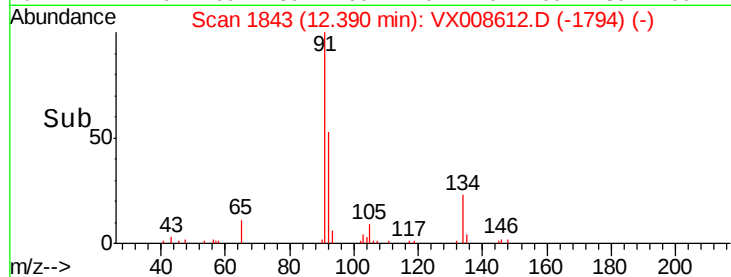
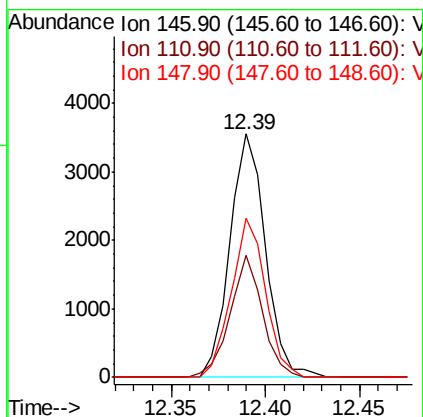
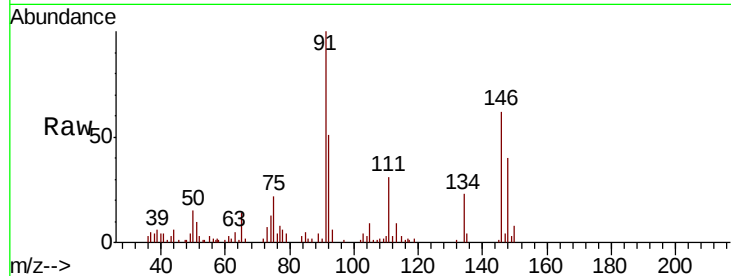




#91
 1,2-Dichlorobenzene
 Concen: 1.073 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

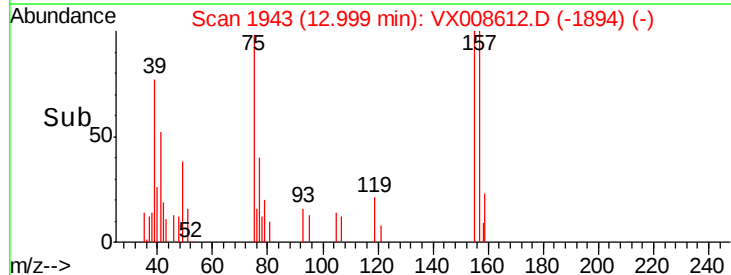
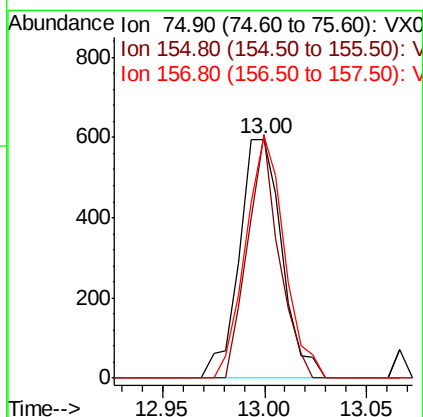
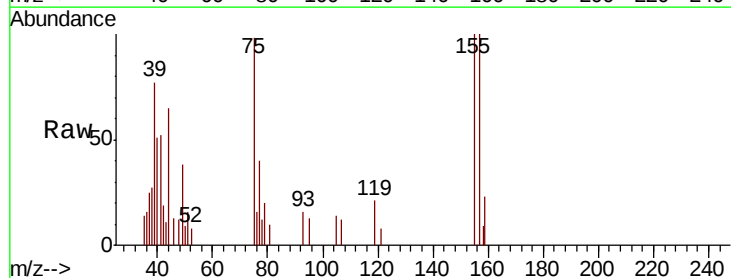
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:146 Resp: 4643
 Ion Ratio Lower Upper
 146 100
 111 45.7 21.3 63.9
 148 62.7 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.019 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

Tgt Ion: 75 Resp: 863
 Ion Ratio Lower Upper
 75 100
 155 74.9 39.9 119.6
 157 92.6 51.5 154.7

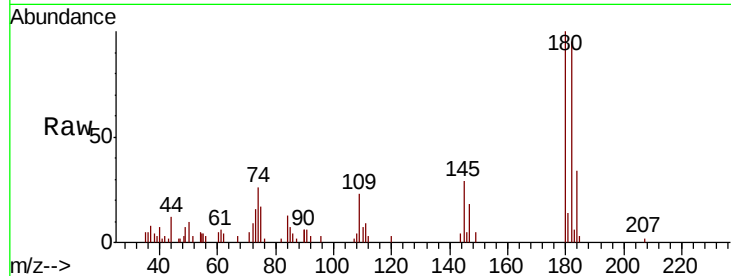




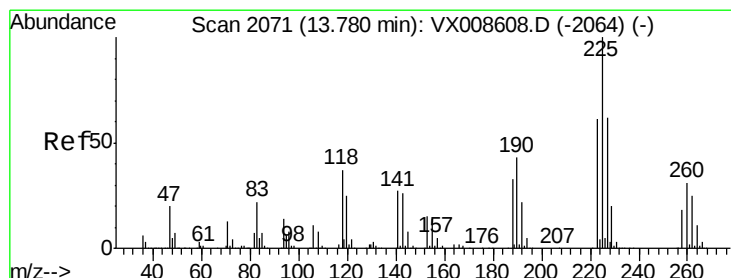
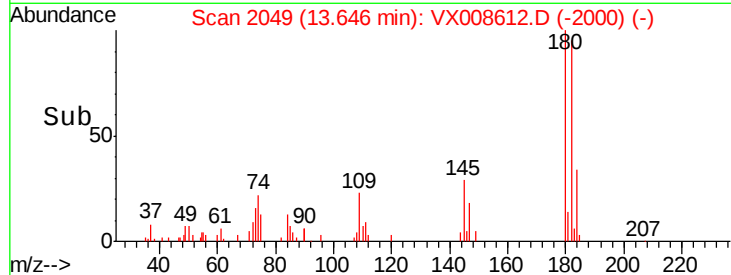
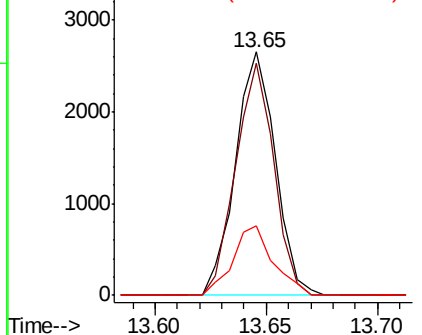
#93
 1,2,4-Trichlorobenzene
 Concen: 1.102 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:180 Resp: 3316
 Ion Ratio Lower Upper
 180 100
 182 90.7 47.2 141.6
 145 28.7 15.3 45.9

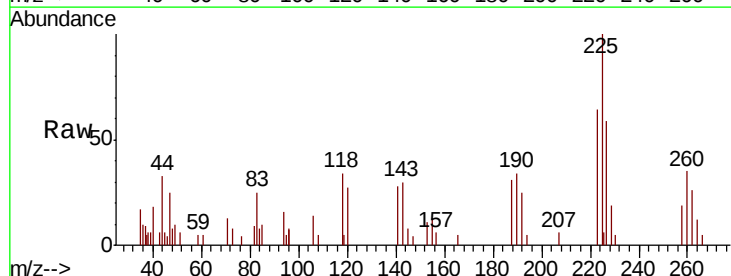


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

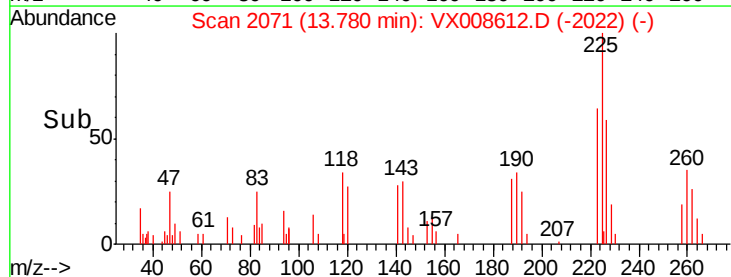
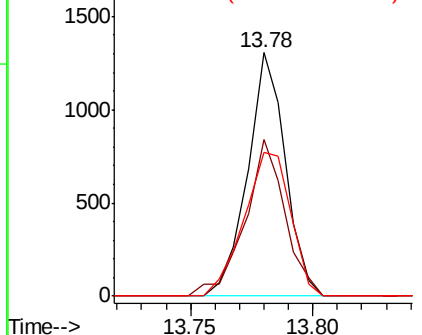


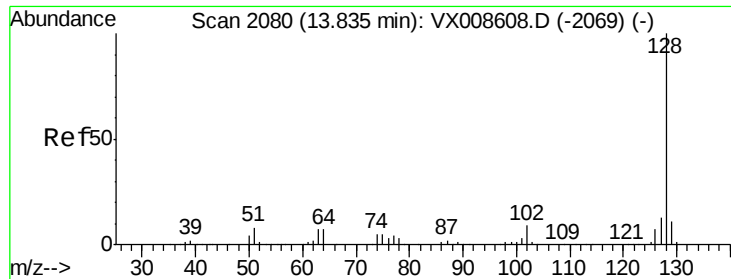
#94
 Hexachlorobutadiene
 Concen: 0.971 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008612.D
 Acq: 03 Apr 2019 12:16

Tgt Ion:225 Resp: 1401
 Ion Ratio Lower Upper
 225 100
 223 67.9 31.2 93.6
 227 72.9 31.9 95.5



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

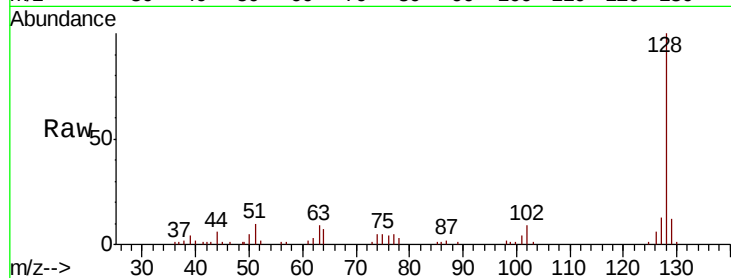




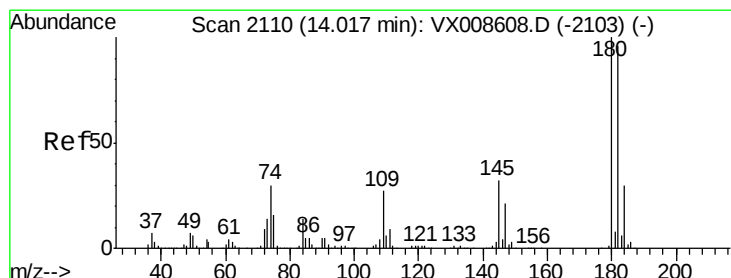
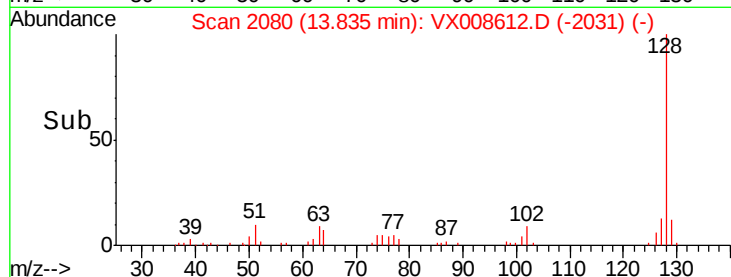
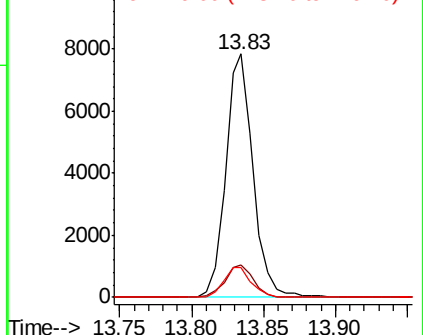
#95
Naphthalene
Concen: 1.035 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:128 Resp: 10404
Ion Ratio Lower Upper
128 100
127 13.9 10.4 15.6
129 12.4 8.6 13.0

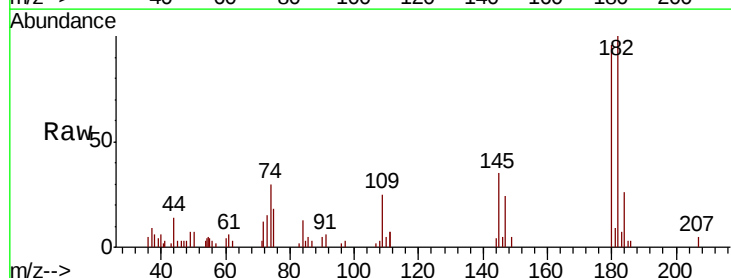


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 1.090 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008612.D
Acq: 03 Apr 2019 12:16

Tgt Ion:180 Resp: 3277
Ion Ratio Lower Upper
180 100
182 90.8 48.1 144.3
145 34.1 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

