

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061919\
 Data File : VX010343.D
 Acq On : 19 Jun 2019 12:18
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Jun 20 03:13:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:08:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	301020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	438062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	390892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190532	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	3342	1.14	ug/l	0.00
Spiked Amount			Recovery	=	2.28%	
35) Dibromofluoromethane	5.49	113	2962	1.09	ug/l	0.00
Spiked Amount			Recovery	=	2.18%	
50) Toluene-d8	8.71	98	10421	1.02	ug/l	0.00
Spiked Amount			Recovery	=	2.04%	
62) 4-Bromofluorobenzene	11.13	95	3633	0.96	ug/l	0.00
Spiked Amount			Recovery	=	1.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	2242	0.860	ug/l	91
3) Chloromethane	1.32	50	2659	0.990	ug/l	99
4) Vinyl Chloride	1.40	62	3109	1.208	ug/l	92
5) Bromomethane	1.64	94	2555	2.490	ug/l #	79
6) Chloroethane	1.73	64	1796	1.361	ug/l	89
7) Trichlorofluoromethane	1.93	101	4331	1.110	ug/l	95
8) Diethyl Ether	2.18	74	1585	1.163	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	2867	1.089	ug/l	98
10) Methyl Iodide	2.51	142	3977	0.989	ug/l #	96
11) Tert butyl alcohol	3.03	59	9172	12.782	ug/l #	85
12) 1,1-Dichloroethene	2.37	96	2762	1.026	ug/l #	88
13) Acrolein	2.29	56	2205	11.336	ug/l	89
14) Allyl chloride	2.73	41	3545	0.877	ug/l	92
15) Acrylonitrile	3.15	53	6975	4.737	ug/l	90
16) Acetone	2.45	43	6587	4.685	ug/l	98
17) Carbon Disulfide	2.57	76	7525	0.975	ug/l	97
18) Methyl Acetate	2.77	43	2862	0.948	ug/l #	85
19) Methyl tert-butyl Ether	3.20	73	8367	0.969	ug/l	94
20) Methylene Chloride	2.86	84	3056	1.010	ug/l #	83
21) trans-1,2-Dichloroethene	3.17	96	3073	1.033	ug/l #	84
22) Diisopropyl ether	3.85	45	8100	1.041	ug/l #	88
23) Vinyl Acetate	3.81	43	29565	4.260	ug/l	98
24) 1,1-Dichloroethane	3.70	63	4452	0.944	ug/l	98
25) 2-Butanone	4.68	43	9477	4.577	ug/l	95
26) 2,2-Dichloropropane	4.57	77	4185	0.983	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	3394	1.022	ug/l	96
28) Bromochloromethane	5.02	49	2573	1.210	ug/l #	85
29) Tetrahydrofuran	5.13	42	6644	5.125	ug/l	96
30) Chloroform	5.21	83	5026	1.026	ug/l	99
31) Cyclohexane	5.57	56	4192	0.991	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	4284	0.932	ug/l #	47
36) 1,1-Dichloropropene	5.80	75	3831	1.073	ug/l	97
37) Ethyl Acetate	4.84	43	3213	0.861	ug/l #	92
38) Carbon Tetrachloride	5.77	117	3795	0.941	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	4747	0.980	ug/l	90
40) Benzene	6.13	78	10978	0.992	ug/l	98
41) Methacrylonitrile	5.04	41	2041	1.015	ug/l #	69
42) 1,2-Dichloroethane	6.19	62	2884	0.820	ug/l	88
43) Isopropyl Acetate	6.44	43	5431	0.874	ug/l #	89
44) Trichloroethene	7.21	130	3274	0.981	ug/l	99
45) 1,2-Dichloropropane	7.51	63	2905	1.049	ug/l #	86
46) Dibromomethane	7.66	93	1965	0.947	ug/l	95
47) Bromodichloromethane	7.90	83	3465	0.899	ug/l #	96
48) Methyl methacrylate	7.77	41	2342	0.809	ug/l	90
49) 1,4-Dioxane	7.74	88	1560	18.837	ug/l	90
51) 4-Methyl-2-Pentanone	8.64	43	18432	4.942	ug/l	99
52) Toluene	8.78	92	7287	0.999	ug/l	93
53) t-1,3-Dichloropropene	9.04	75	3884	0.876	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	4036	0.845	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	2849	0.955	ug/l #	84
56) Ethyl methacrylate	9.18	69	4199	0.897	ug/l	97
57) 1,3-Dichloropropane	9.37	76	4397	0.937	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.31	63	9385	4.245	ug/l	99
59) 2-Hexanone	9.49	43	13903	4.669	ug/l	96
60) Dibromochloromethane	9.58	129	3193	0.911	ug/l	93
61) 1,2-Dibromoethane	9.67	107	3071	0.927	ug/l	96
64) Tetrachloroethene	9.34	164	3577	1.211	ug/l	92
65) Chlorobenzene	10.13	112	8140	1.009	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	2643	0.855	ug/l #	65
67) Ethyl Benzene	10.25	91	13771	1.002	ug/l	95
68) m/p-Xylenes	10.35	106	10471	1.968	ug/l	94
69) o-Xylene	10.69	106	5193	0.984	ug/l	93
70) Styrene	10.71	104	8000	0.896	ug/l	98
71) Bromoform	10.86	173	2207	0.779	ug/l #	98
73) Isopropylbenzene	11.02	105	12959	0.978	ug/l	98
74) N-amyl acetate	10.90	43	4164	0.795	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	4387	0.969	ug/l	95
76) 1,2,3-Trichloropropane	11.30	75	4748	1.257	ug/l	82
77) Bromobenzene	11.26	156	3944	1.080	ug/l	90
78) n-propylbenzene	11.36	91	13929	0.944	ug/l	98
79) 2-Chlorotoluene	11.42	91	8702	0.984	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	10492	0.938	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	1289	0.764	ug/l #	82
82) 4-Chlorotoluene	11.51	91	9419	0.938	ug/l	96
83) tert-Butylbenzene	11.77	119	10291	0.912	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	10287	0.911	ug/l	97
85) sec-Butylbenzene	11.94	105	12181	0.925	ug/l	100
86) p-Isopropyltoluene	12.06	119	11415	0.947	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	6464	1.007	ug/l	99
88) 1,4-Dichlorobenzene	12.02	146	6464	0.995	ug/l	99
89) n-Butylbenzene	12.38	91	9526	0.919	ug/l	95
90) Hexachloroethane	12.60	117	1693	0.715	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	6634	1.058	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	939	0.893	ug/l	79

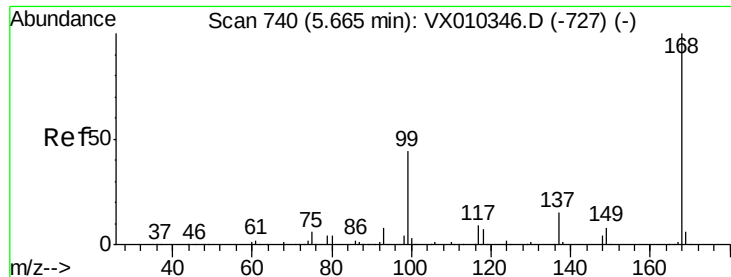
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061919\
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VSTDICC001

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	4455	0.972	ug/l	96
94) Hexachlorobutadiene	13.78	225	2307	1.115	ug/l	97
95) Naphthalene	13.83	128	12371	0.861	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	4077	0.898	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

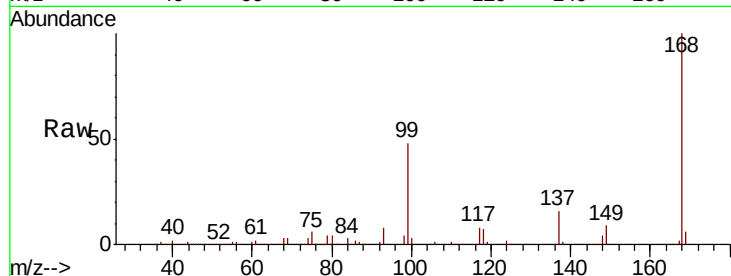
VSTDIC001

Tot Ion:168 Resp: 301020

Ion Ratio Lower Upper

168 100

99 47.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

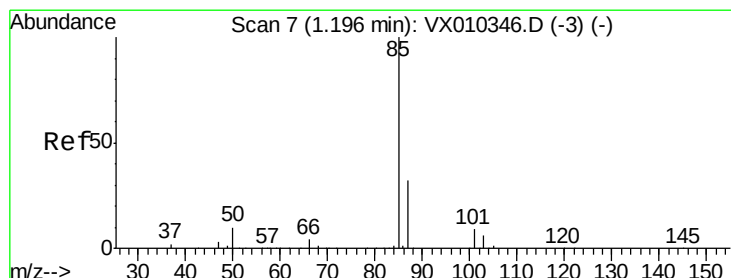
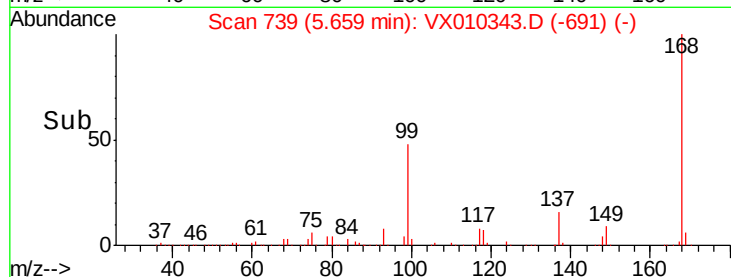
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.860 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010343.D

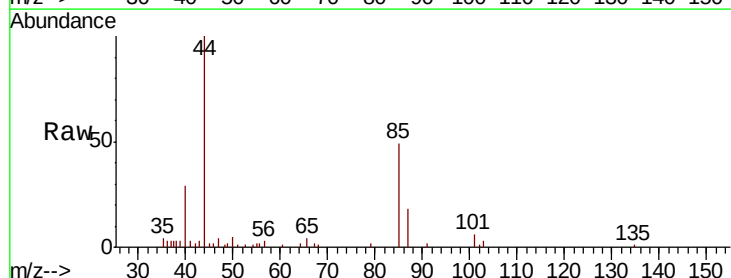
Acq: 19 Jun 2019 12:18

Tgt Ion: 85 Resp: 2242

Ion Ratio Lower Upper

85 100

87 37.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

2000

1500

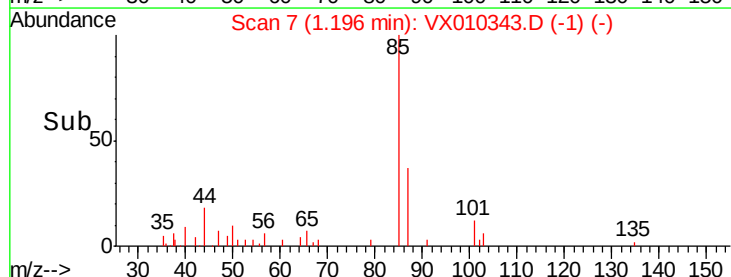
1000

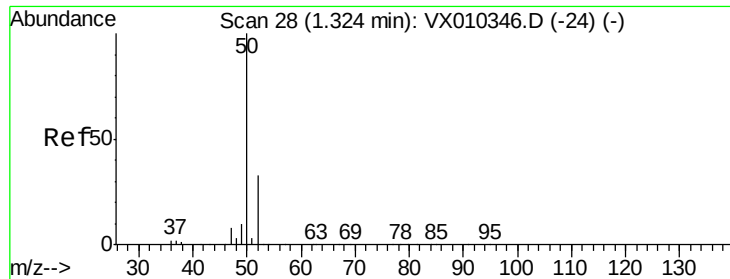
500

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 0.990 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

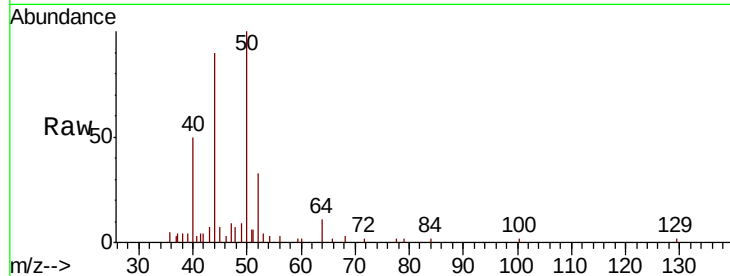
VSTDIC001

Tot Ion: 50 Resp: 2659

Ion Ratio Lower Upper

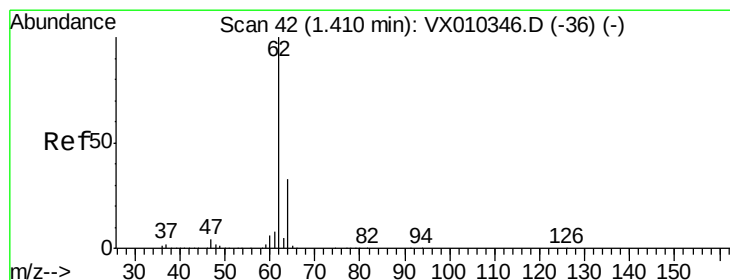
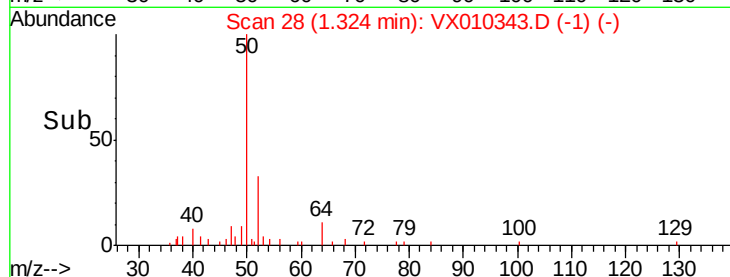
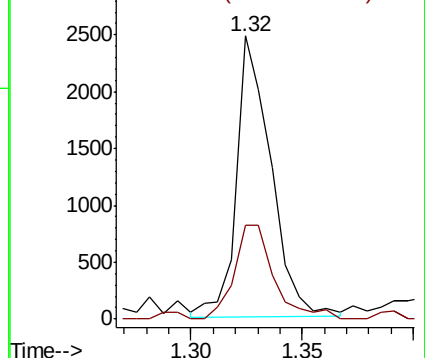
50 100

52 33.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.208 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010343.D

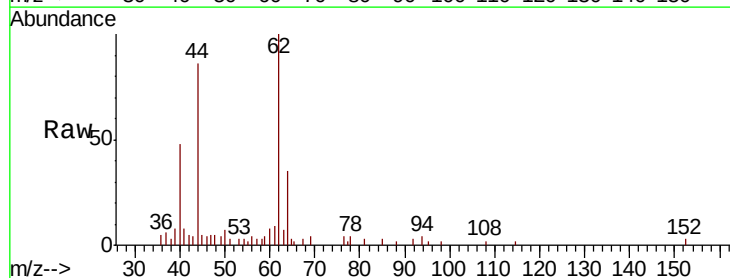
Acq: 19 Jun 2019 12:18

Tgt Ion: 62 Resp: 3109

Ion Ratio Lower Upper

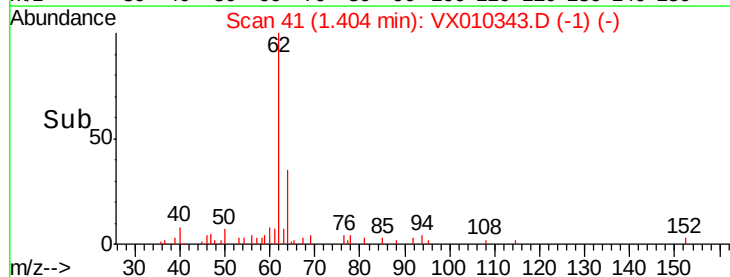
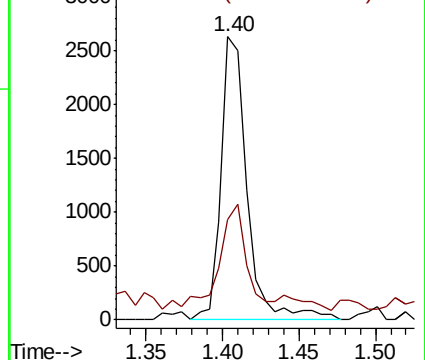
62 100

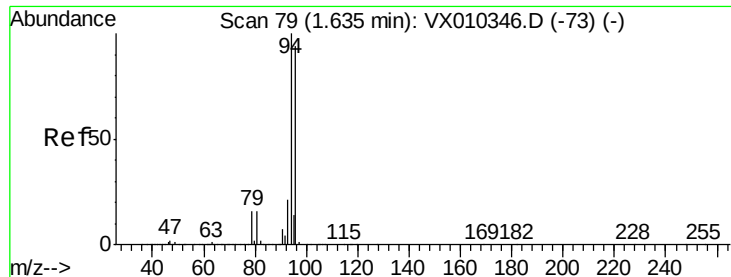
64 28.3 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 2.490 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

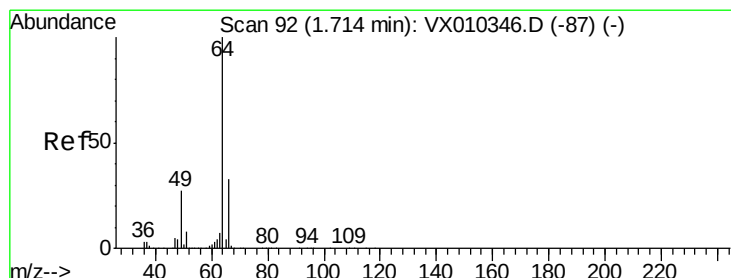
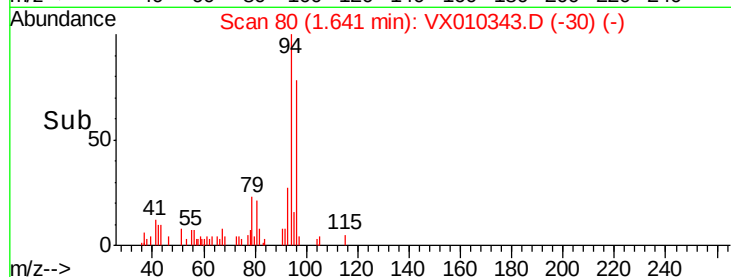
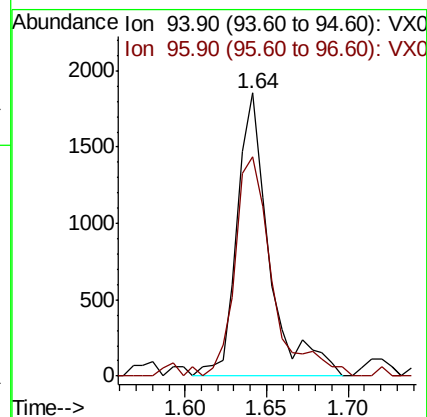
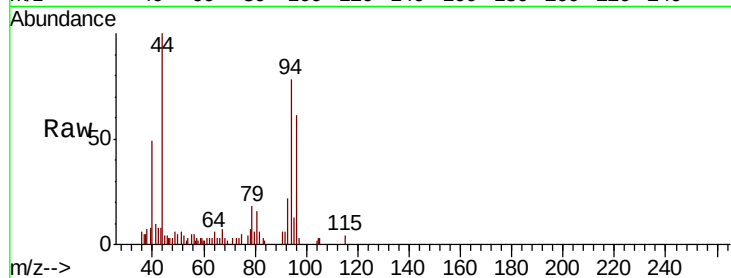
VSTDIC001

Tot Ion: 94 Resp: 2555

Ion Ratio Lower Upper

94 100

96 74.5 75.5 113.3#



#6

Chloroethane

Concen: 1.361 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010343.D

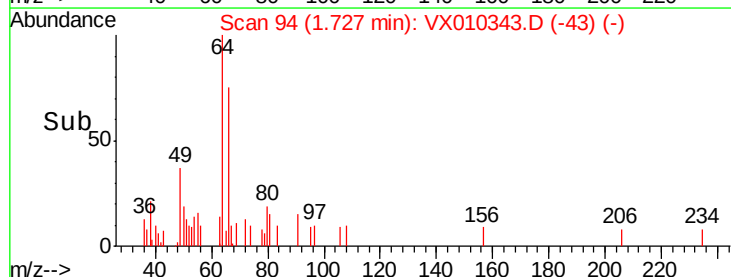
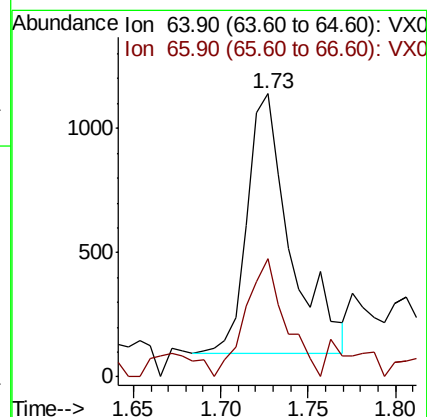
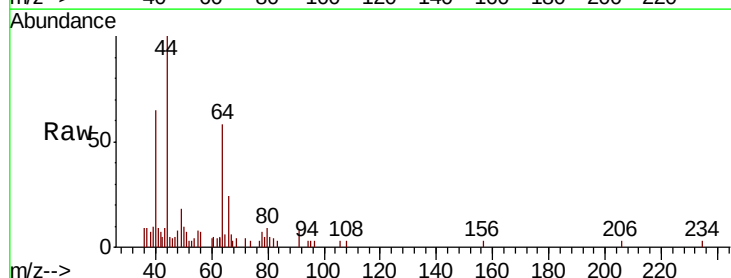
Acq: 19 Jun 2019 12:18

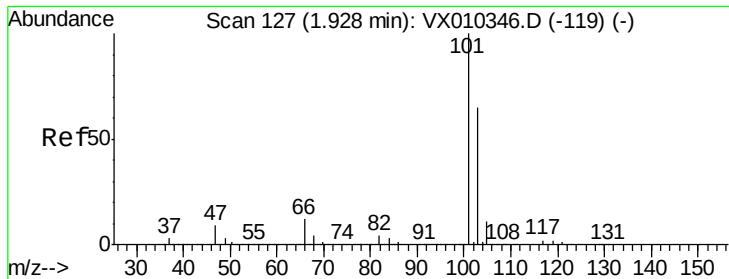
Tgt Ion: 64 Resp: 1796

Ion Ratio Lower Upper

64 100

66 39.4 26.6 40.0



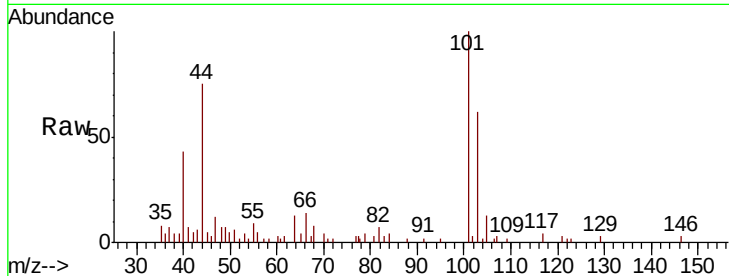


#7

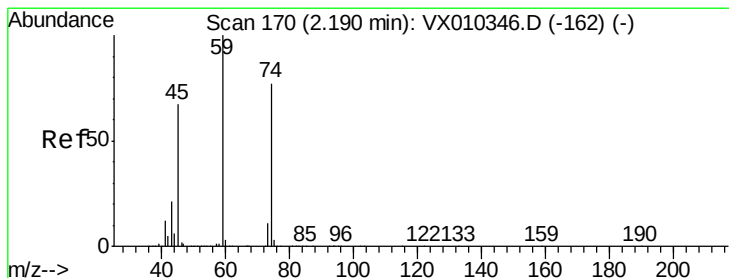
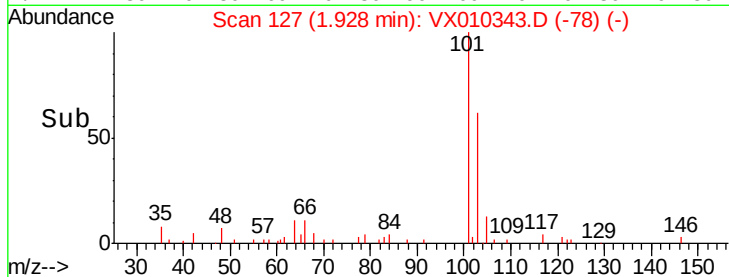
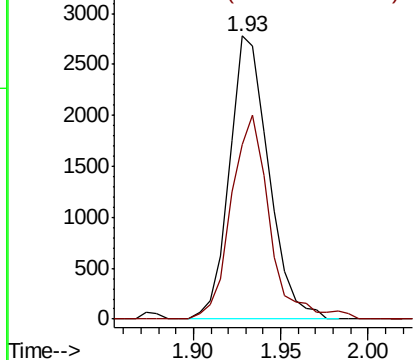
Trichlorofluoromethane
 Concen: 1.110 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:101 Resp: 4331
 Ion Ratio Lower Upper
 101 100
 103 61.8 52.3 78.5



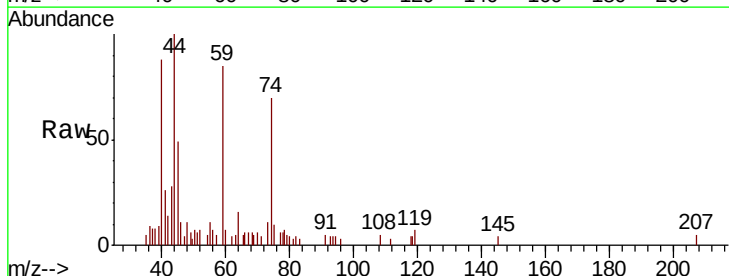
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



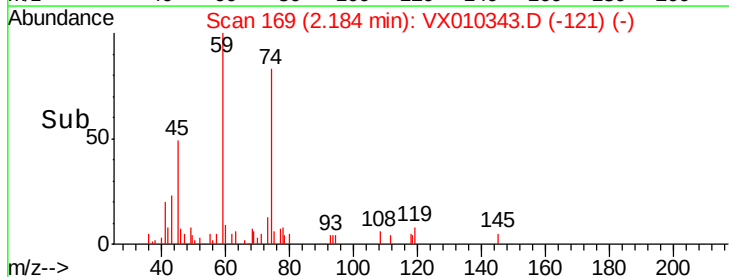
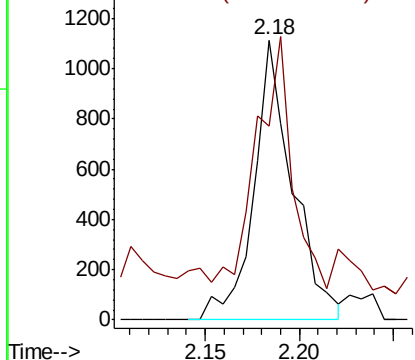
#8

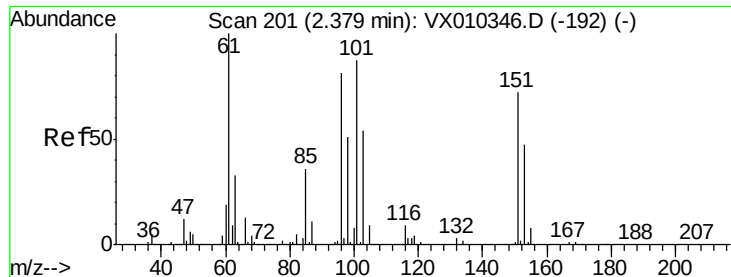
Diethyl Ether
 Concen: 1.163 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Tgt Ion: 74 Resp: 1585
 Ion Ratio Lower Upper
 74 100
 45 90.3 44.8 134.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.089 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

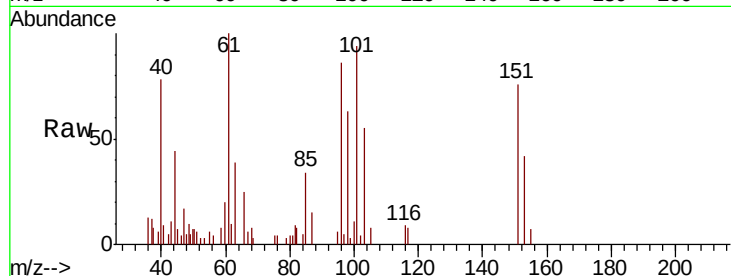
Tot Ion:101 Resp: 2867

Ion Ratio Lower Upper

101 100

85 42.5 33.7 50.5

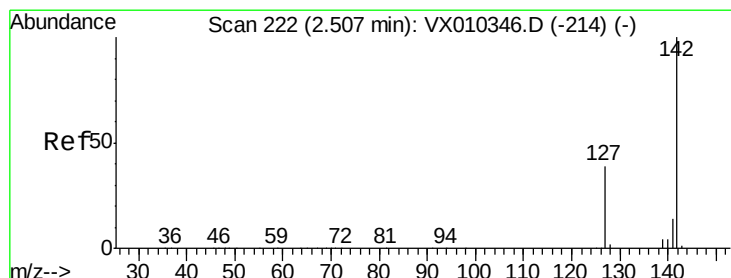
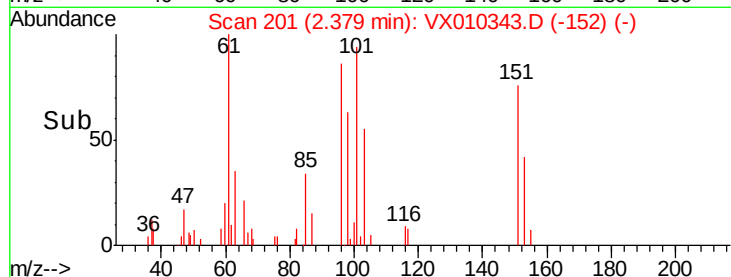
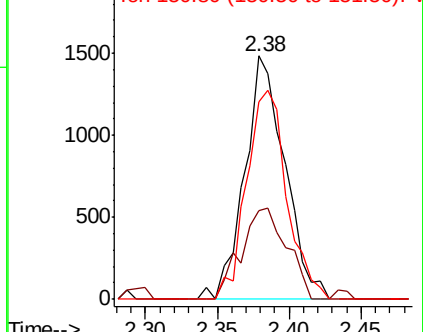
151 85.6 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

2000 Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.989 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

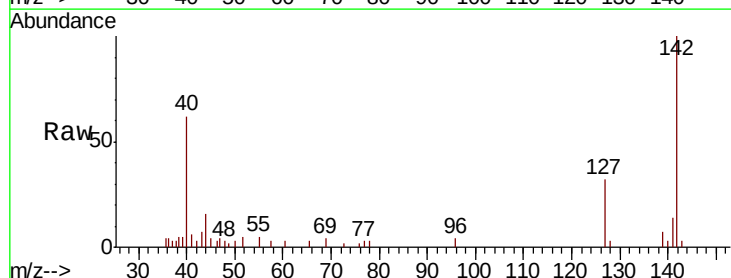
Tgt Ion:142 Resp: 3977

Ion Ratio Lower Upper

142 100

127 37.9 31.1 46.7

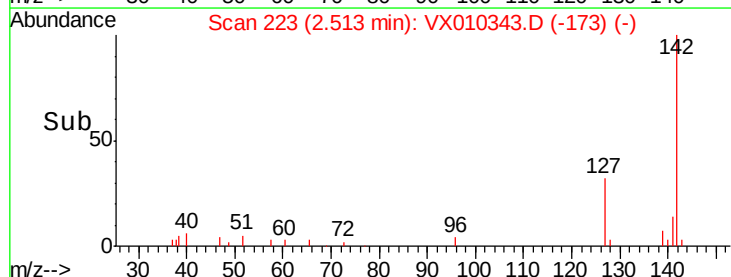
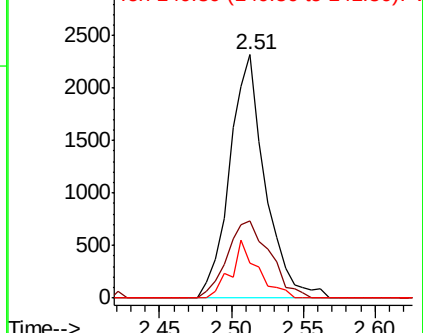
141 18.1 11.2 16.8#

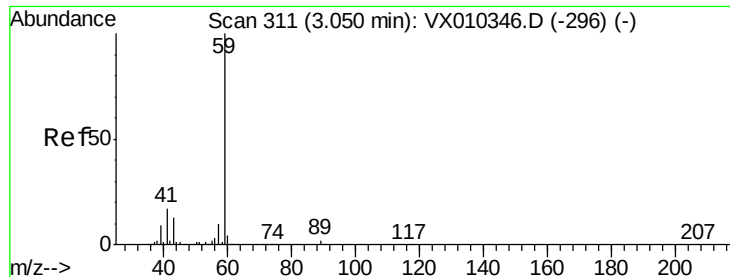


Abundance Ion 141.80 (141.50 to 142.50): V

3000 Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



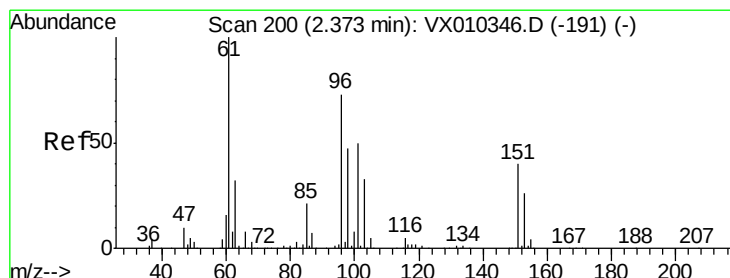
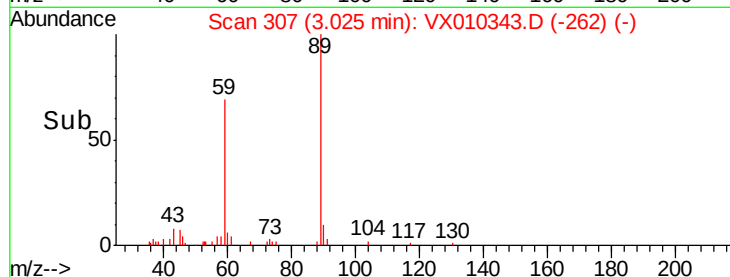
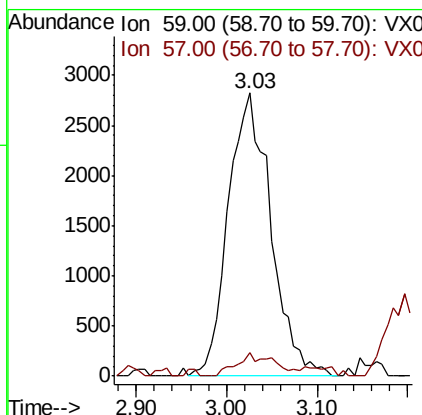
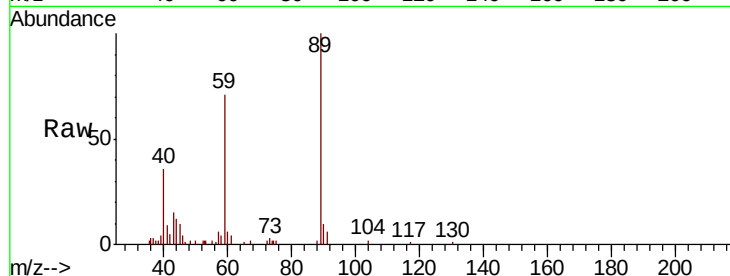


#11

Tert butyl alcohol
Concen: 12.782 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

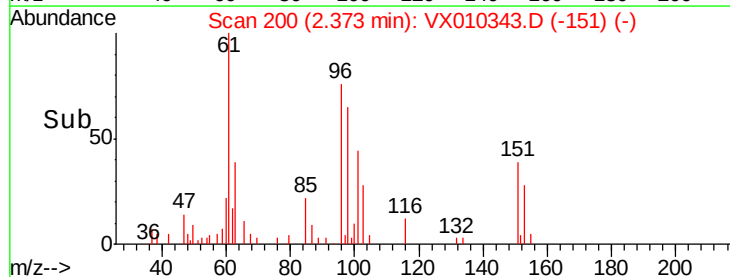
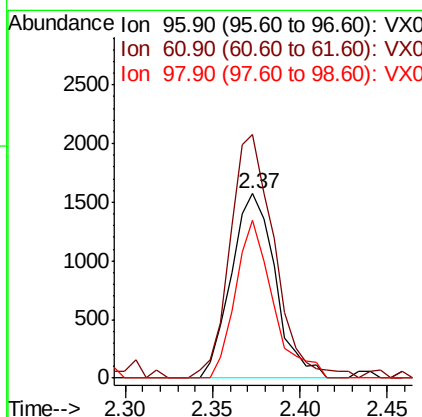
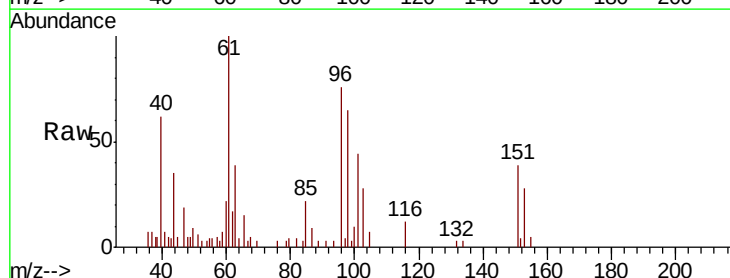
Tot Ion: 59 Resp: 9172
Ion Ratio Lower Upper
59 100
57 4.2 7.7 11.5#

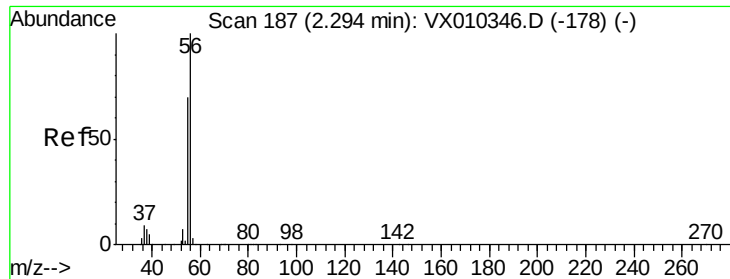


#12

1,1-Dichloroethene
Concen: 1.026 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion: 96 Resp: 2762
Ion Ratio Lower Upper
96 100
61 132.0 109.2 163.8
98 85.8 51.1 76.7#





#13

Acrolein

Concen: 11.336 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

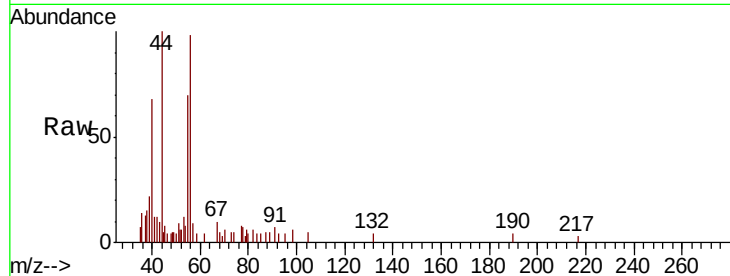
VSTDIC001

Tot Ion: 56 Resp: 2205

Ion Ratio Lower Upper

56 100

55 62.4 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

1500

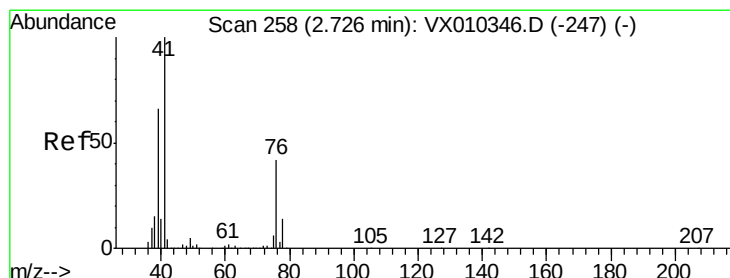
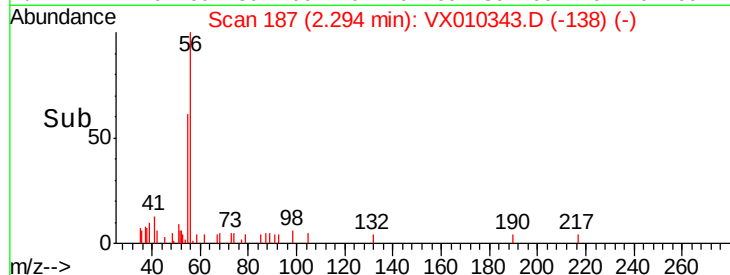
1000

500

0

2.25 2.30 2.35

Time-->



#14

Allyl chloride

Concen: 0.877 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

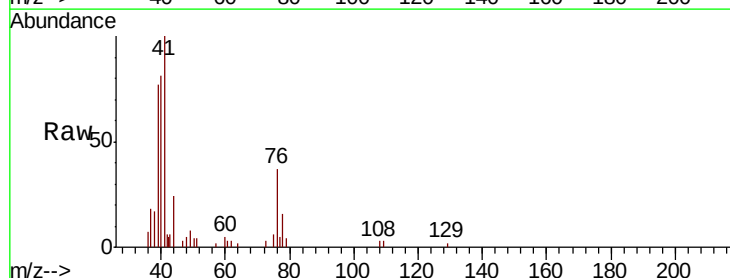
Tgt Ion: 41 Resp: 3545

Ion Ratio Lower Upper

41 100

39 69.8 50.3 75.5

76 43.4 31.3 46.9



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

2.73

2500

2000

1500

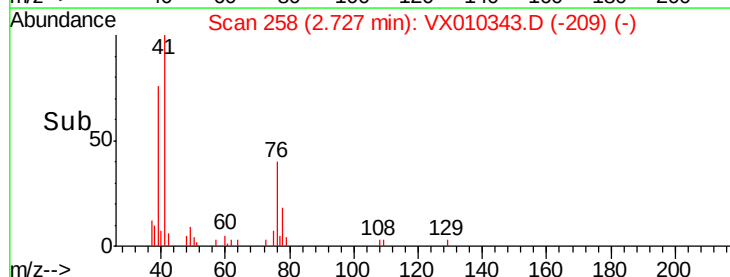
1000

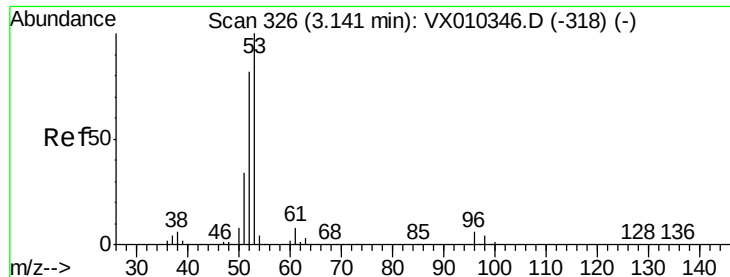
500

0

2.65 2.70 2.75 2.80

Time-->





#15

Acrylonitrile

Concen: 4.737 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

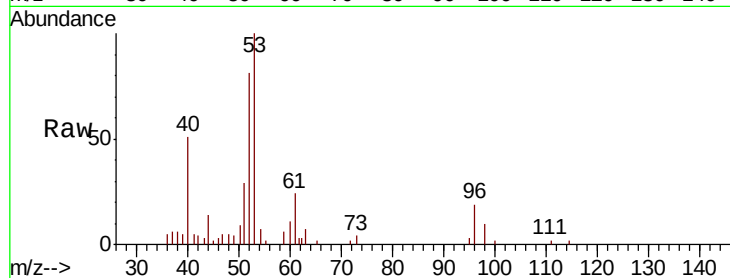
Tot Ion: 53 Resp: 6975

Ion Ratio Lower Upper

53 100

52 91.2 65.5 98.3

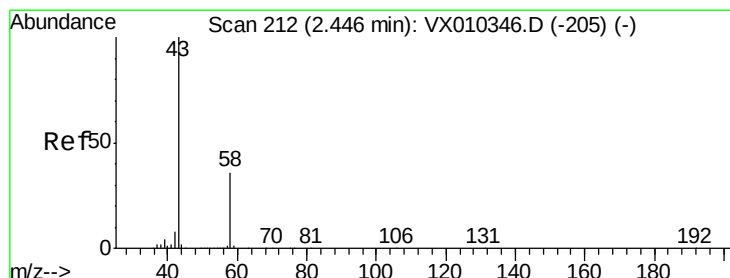
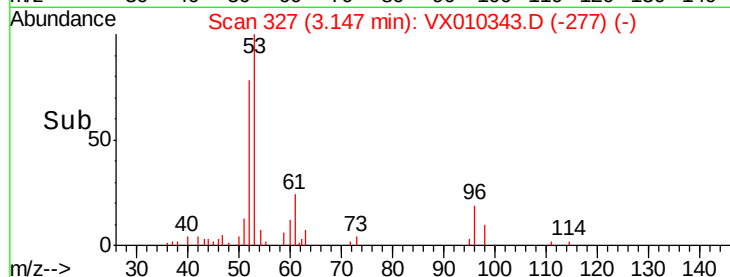
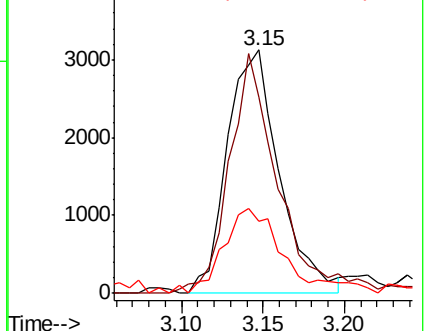
51 40.6 28.2 42.4



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: 4.685 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010343.D

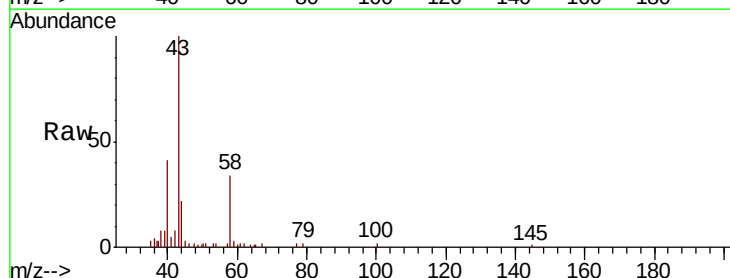
Acq: 19 Jun 2019 12:18

Tgt Ion: 43 Resp: 6587

Ion Ratio Lower Upper

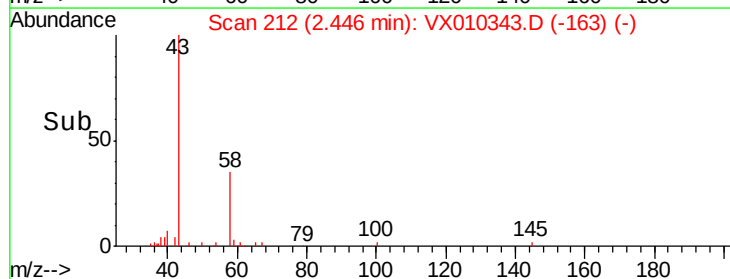
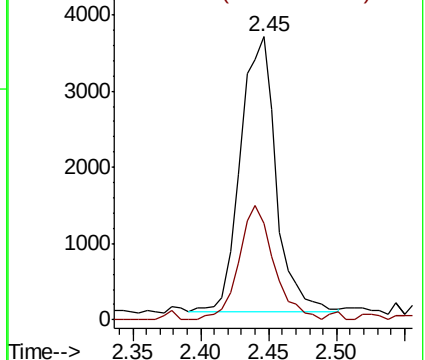
43 100

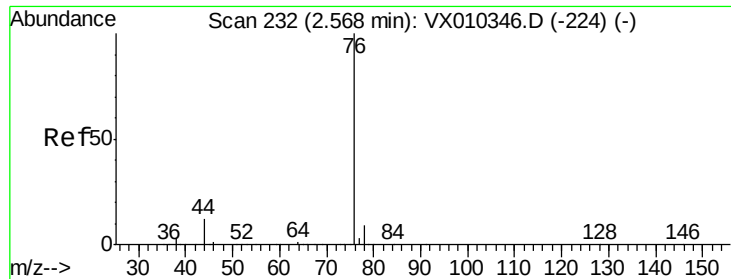
58 35.0 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

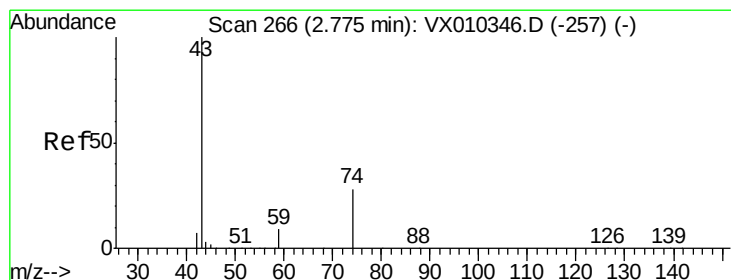
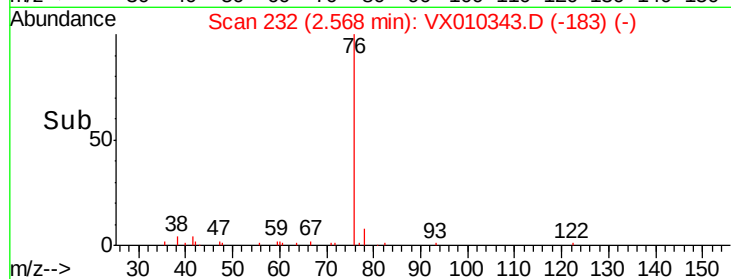
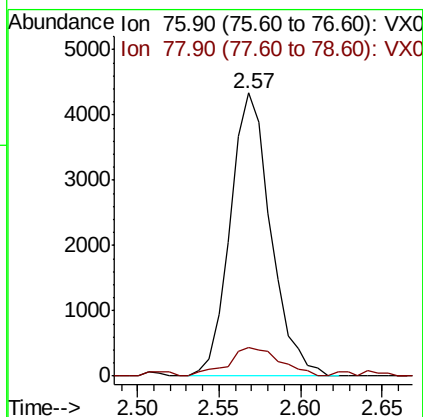
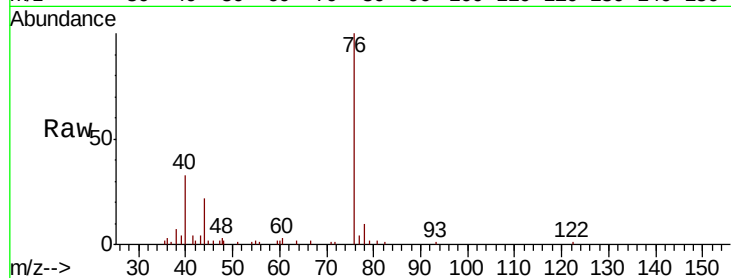




#17
Carbon Disulfide
Concen: 0.975 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

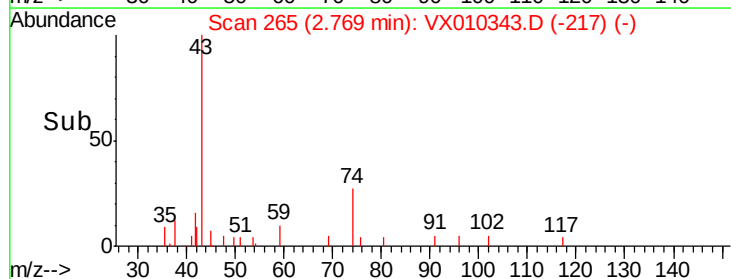
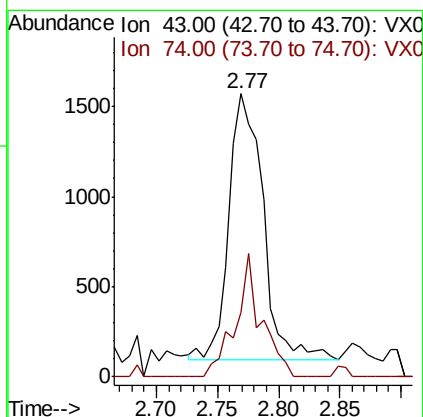
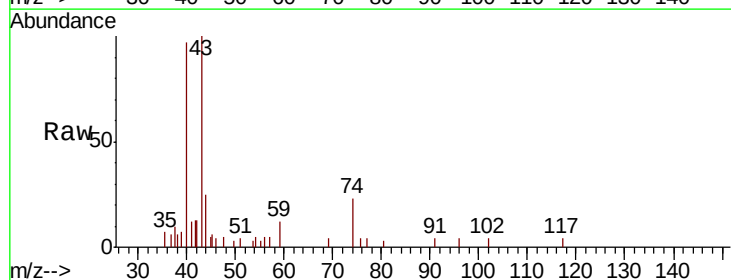
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

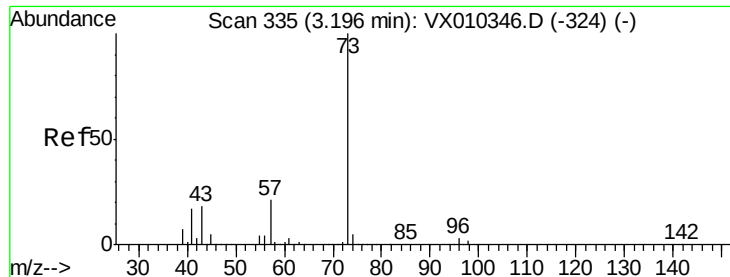
Tot Ion: 76 Resp: 7525
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9



#18
Methyl Acetate
Concen: 0.948 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion: 43 Resp: 2862
Ion Ratio Lower Upper
43 100
74 34.6 21.3 31.9#



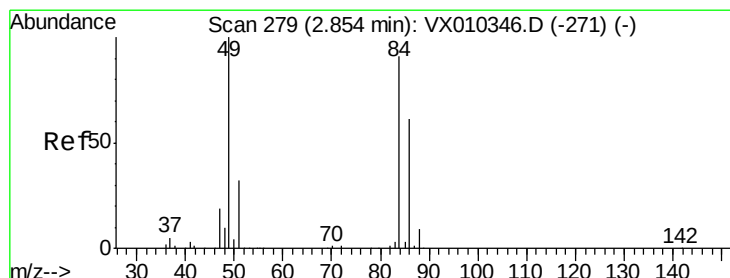
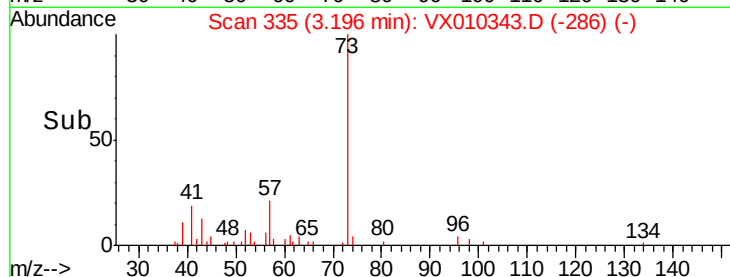
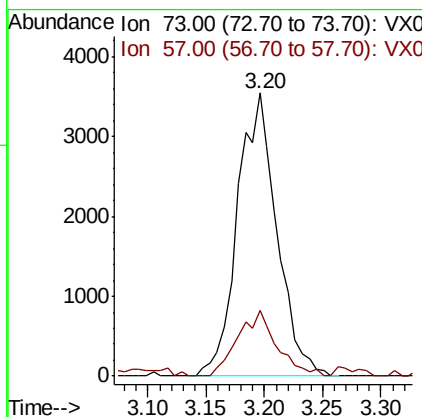
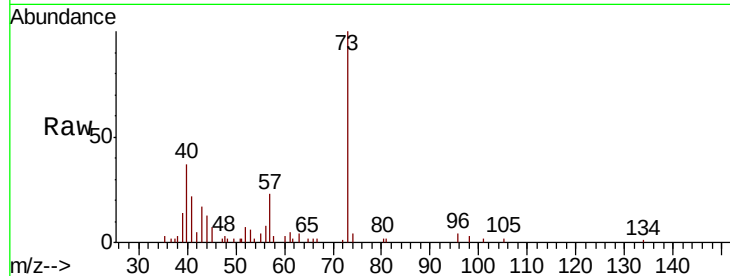


#19

Methvl tert-butyl Ether
 Concen: 0.969 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

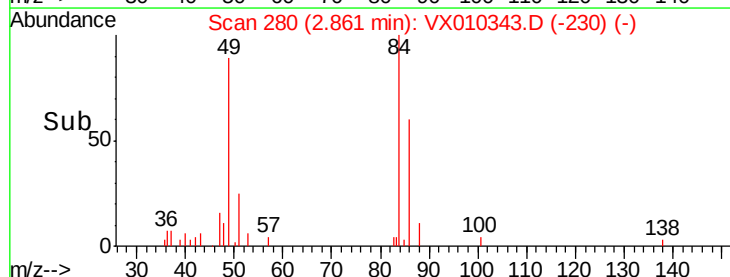
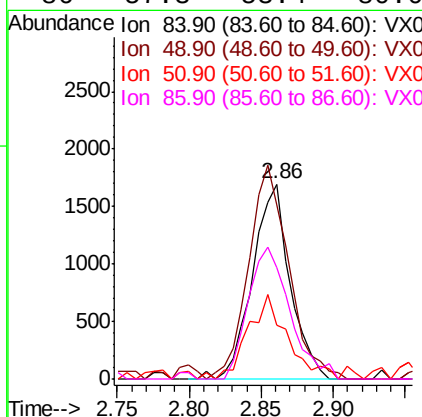
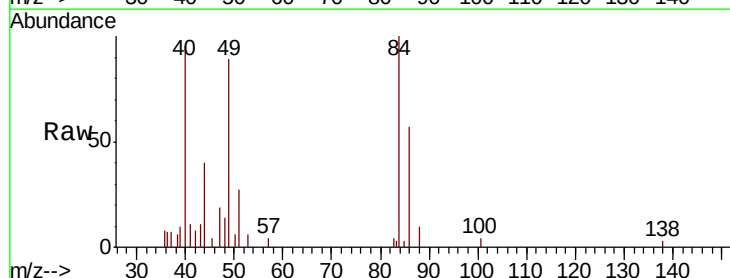
Tot Ion: 73 Resp: 8367
 Ion Ratio Lower Upper
 73 100
 57 23.1 16.4 24.6

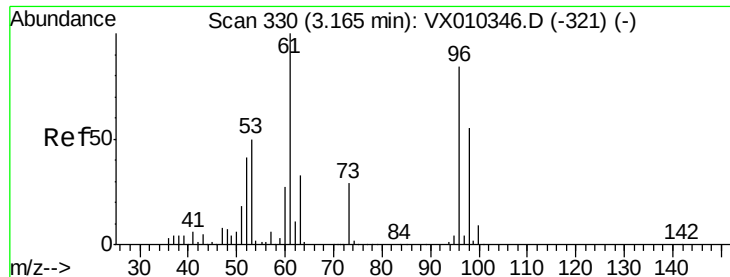


#20

Methylene Chloride
 Concen: 1.010 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Tgt Ion: 84 Resp: 3056
 Ion Ratio Lower Upper
 84 100
 49 86.4 87.5 131.3#
 51 27.4 27.7 41.5#
 86 57.3 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 1.033 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

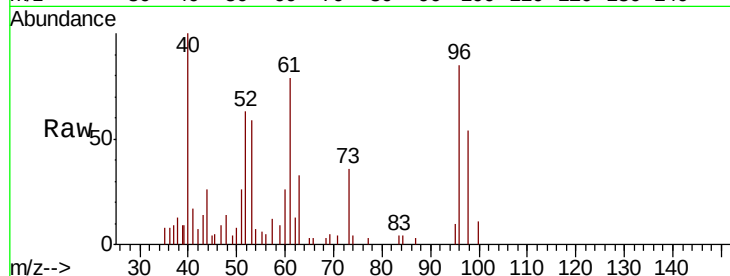
Tot Ion: 96 Resp: 3073

Ion Ratio Lower Upper

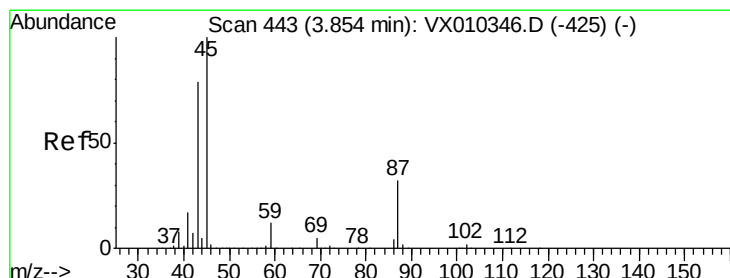
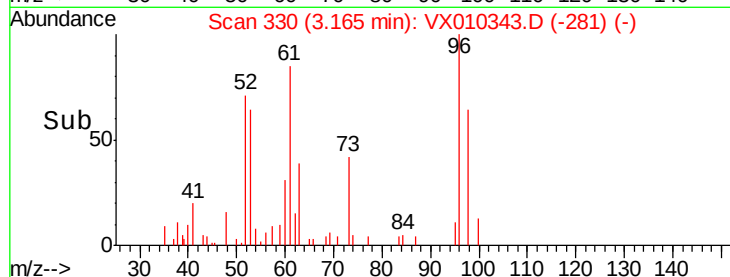
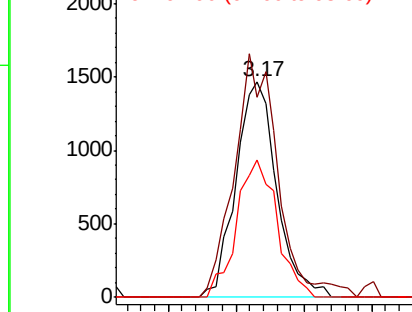
96 100

61 92.9 95.6 143.4#

98 63.5 52.5 78.7



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: 1.041 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Tgt Ion: 45 Resp: 8100

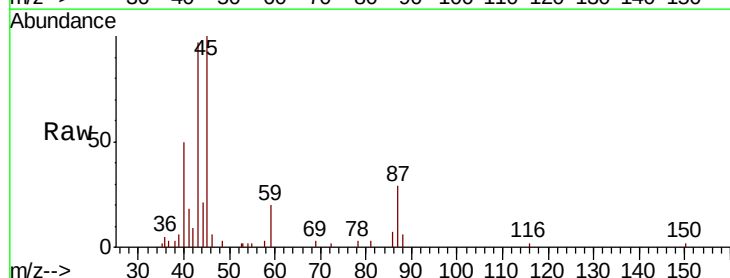
Ion Ratio Lower Upper

45 100

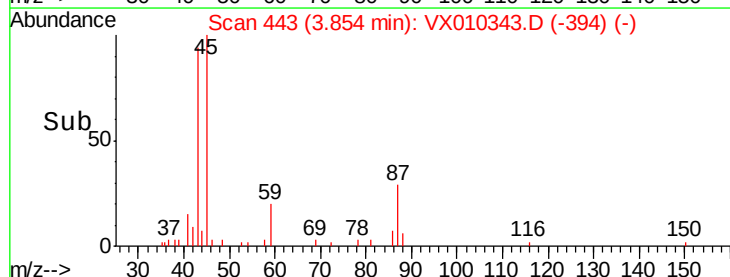
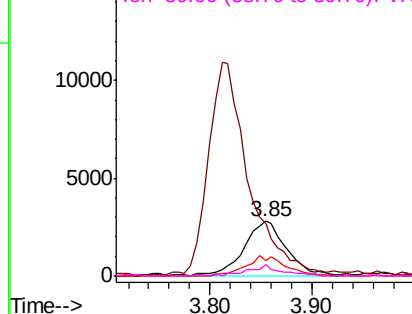
43 90.1 63.3 94.9

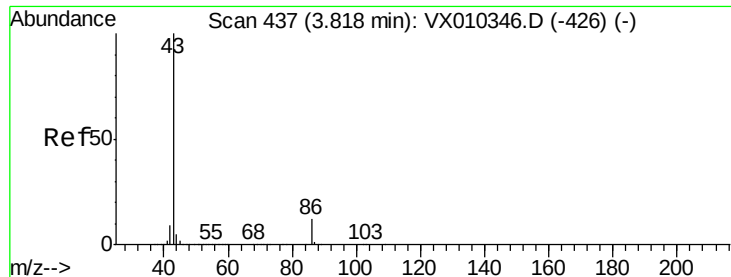
87 29.2 25.8 38.8

59 20.2 9.6 14.4#



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





#23

Vinyl Acetate

Concen: 4.260 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

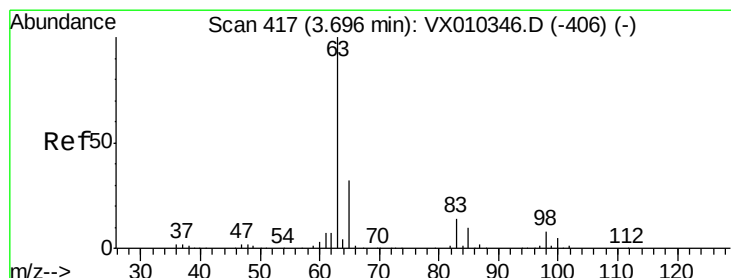
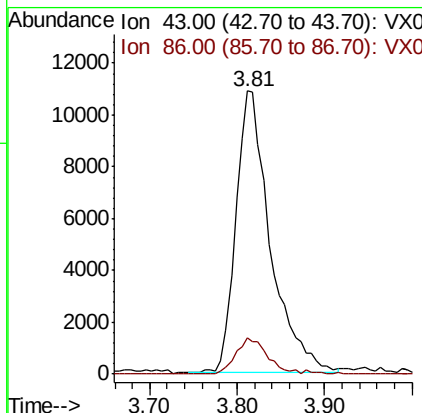
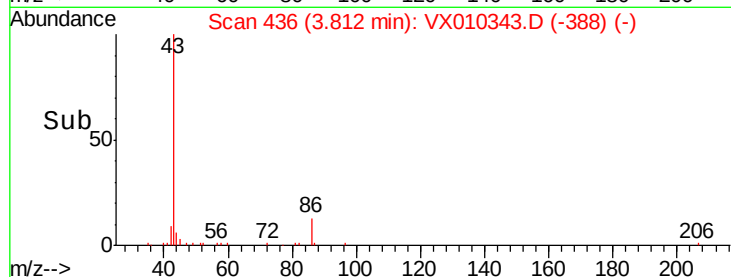
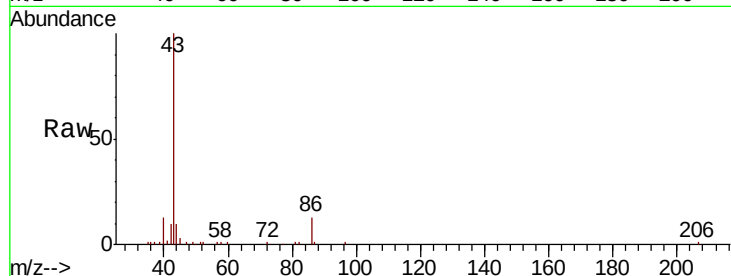
VSTDIC001

Tot Ion: 43 Resp: 29565

Ion Ratio Lower Upper

43 100

86 13.1 9.9 14.9



#24

1,1-Dichloroethane

Concen: 0.944 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

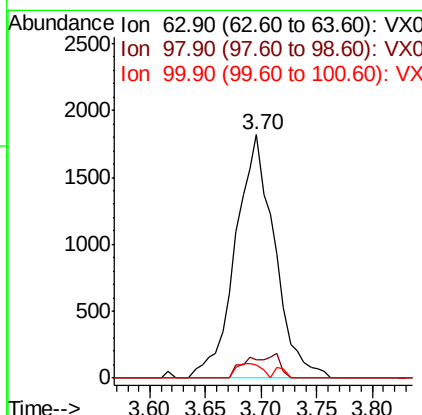
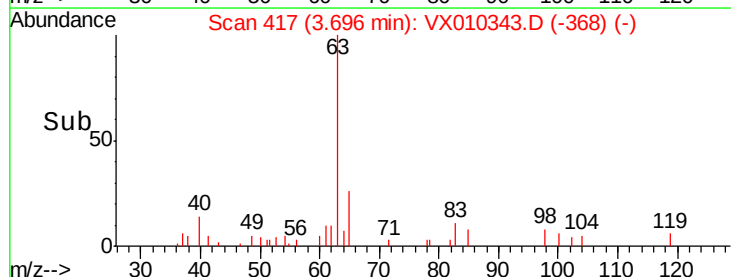
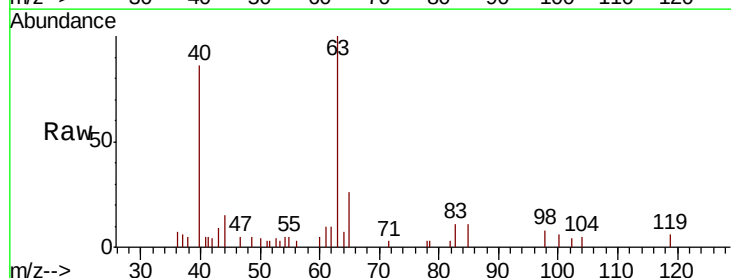
Tgt Ion: 63 Resp: 4452

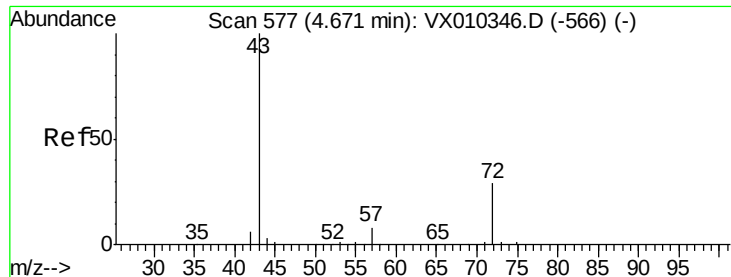
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 5.6 2.4 7.1





#25

2-Butanone

Concen: 4.577 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

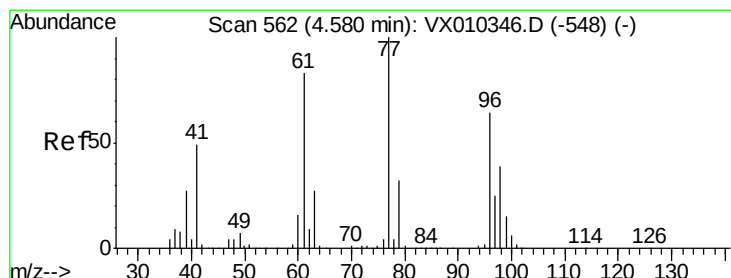
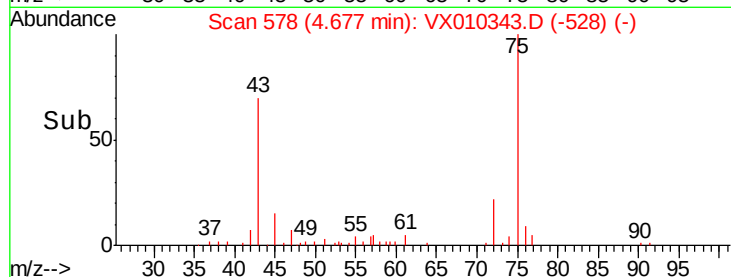
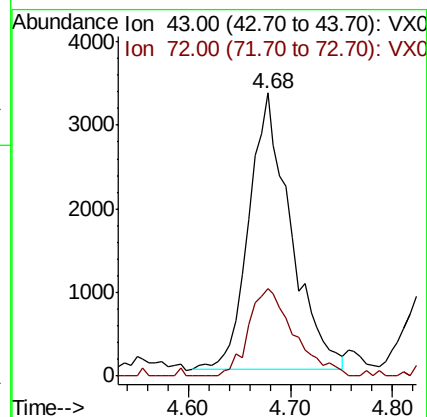
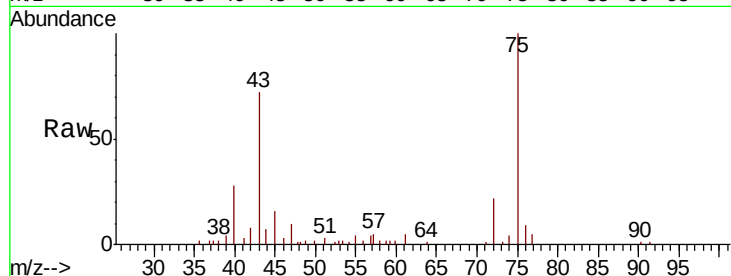
VSTDIC001

Tot Ion: 43 Resp: 9477

Ion Ratio Lower Upper

43 100

72 31.5 23.3 34.9



#26

2,2-Dichloropropane

Concen: 0.983 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX010343.D

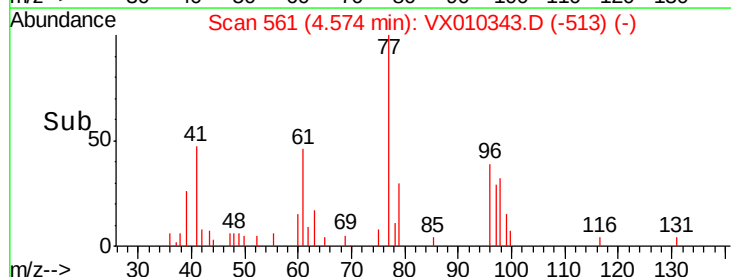
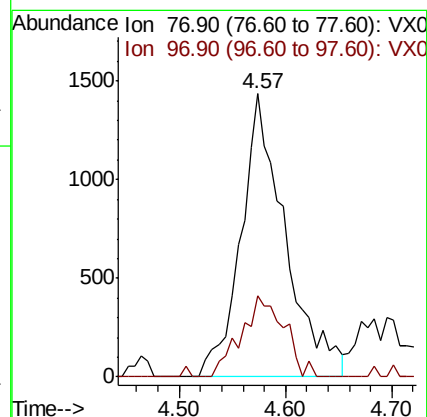
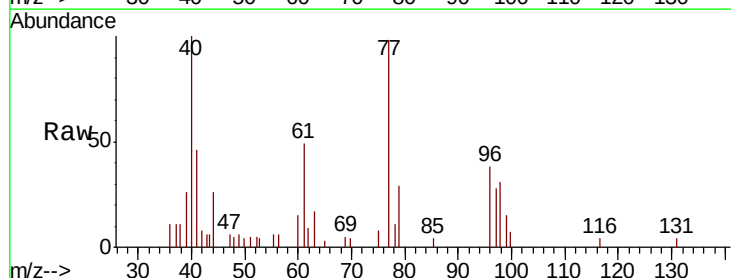
Acq: 19 Jun 2019 12:18

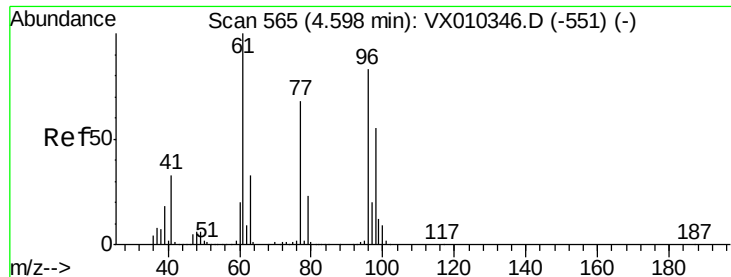
Tgt Ion: 77 Resp: 4185

Ion Ratio Lower Upper

77 100

97 27.6 13.1 39.3



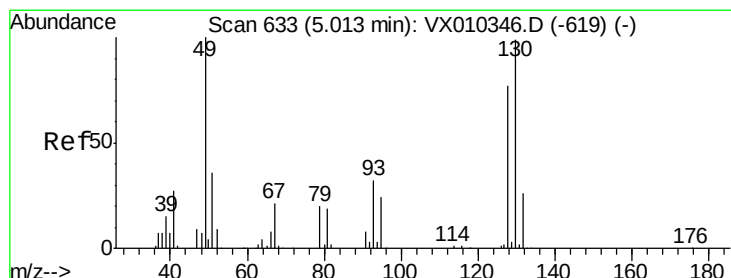
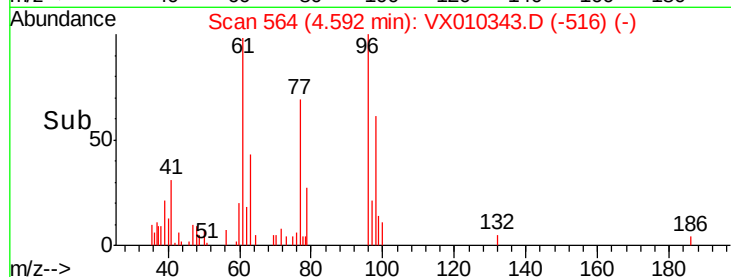
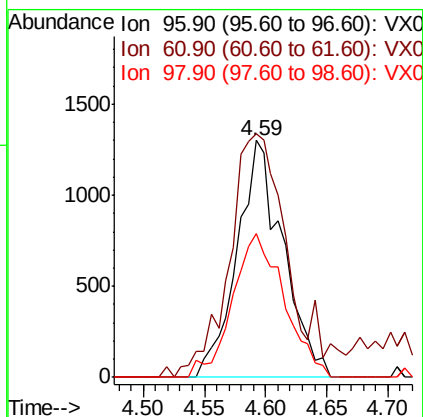
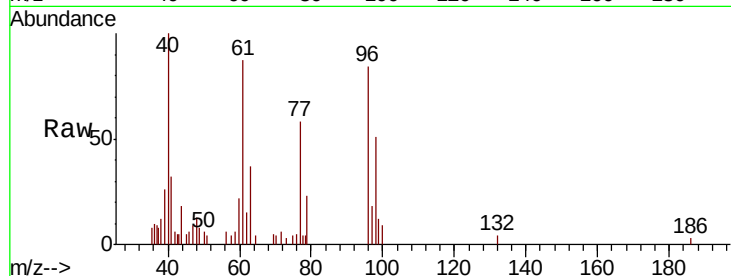


#27

cis-1,2-Dichloroethene
Concen: 1.022 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

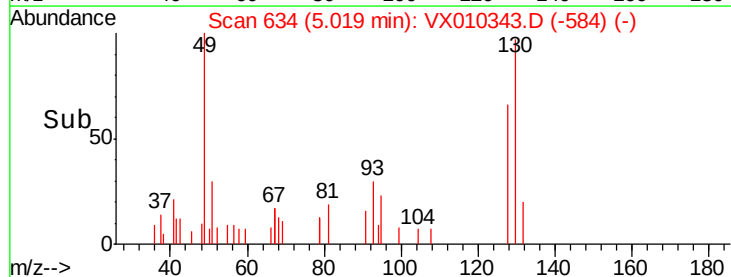
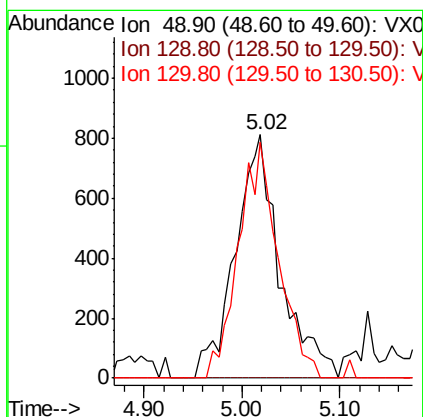
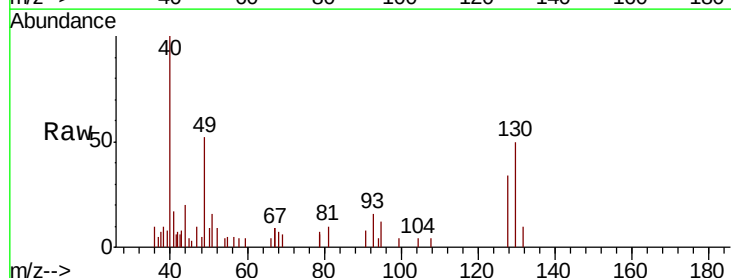
Tot Ion: 96 Resp: 3394
Ion Ratio Lower Upper
96 100
61 121.9 0.0 251.8
98 68.3 0.0 129.4

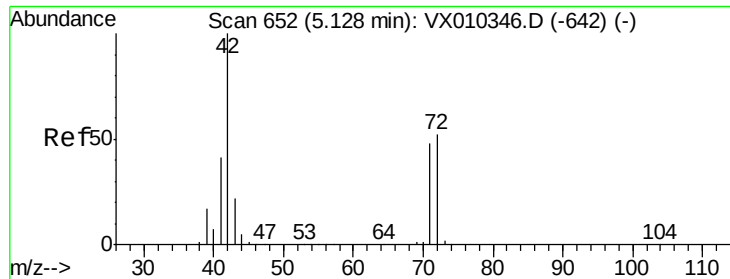


#28

Bromochloromethane
Concen: 1.210 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion: 49 Resp: 2573
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.6
130 86.7 81.4 122.0





#29

Tetrahydrofuran

Concen: 5.125 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

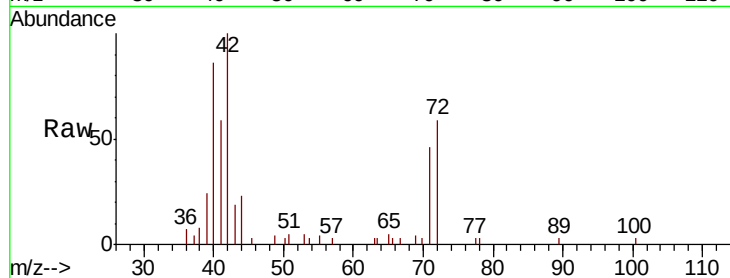
Tot Ion: 42 Resp: 6644

Ion Ratio Lower Upper

42 100

72 48.4 40.6 60.8

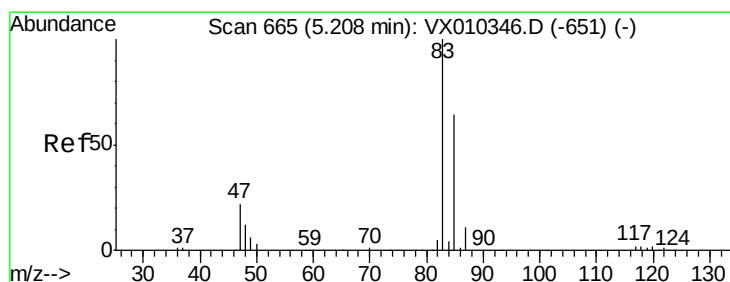
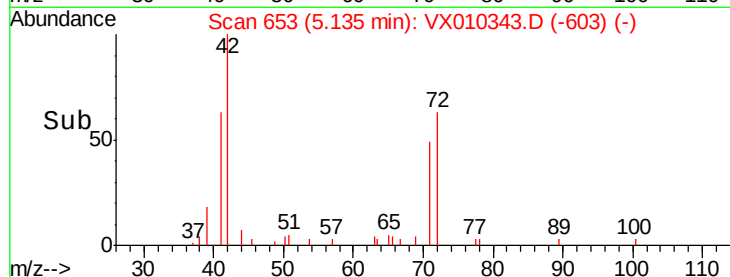
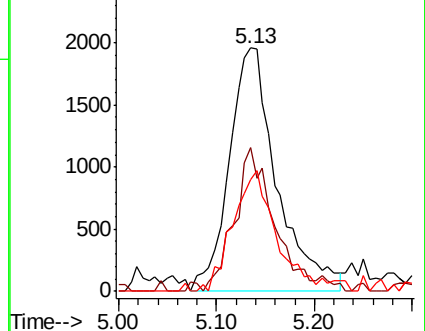
71 44.1 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 1.026 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010343.D

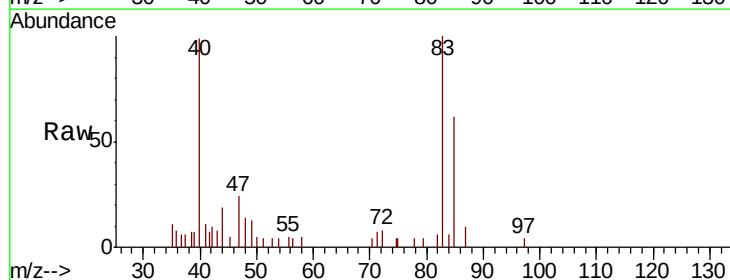
Acq: 19 Jun 2019 12:18

Tgt Ion: 83 Resp: 5026

Ion Ratio Lower Upper

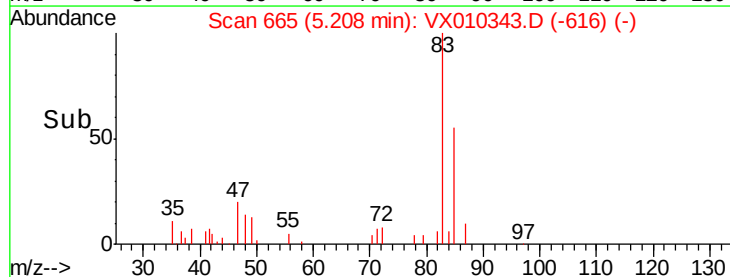
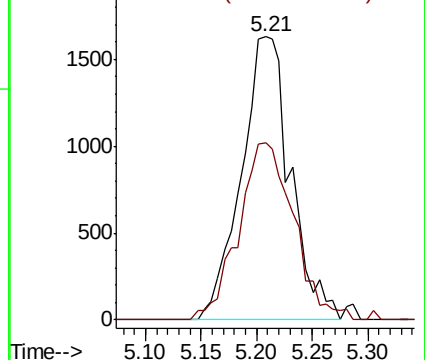
83 100

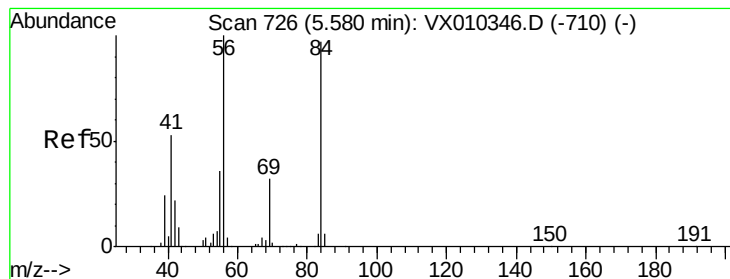
85 62.4 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 0.991 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

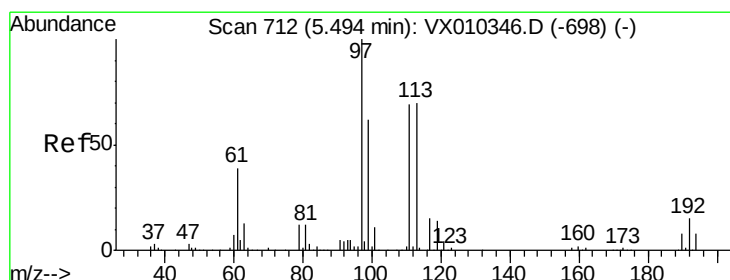
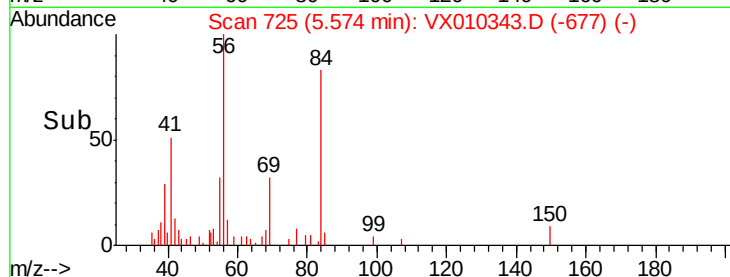
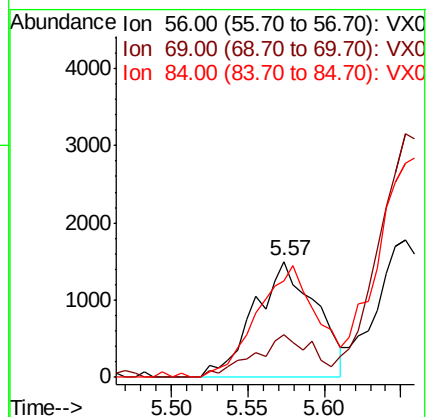
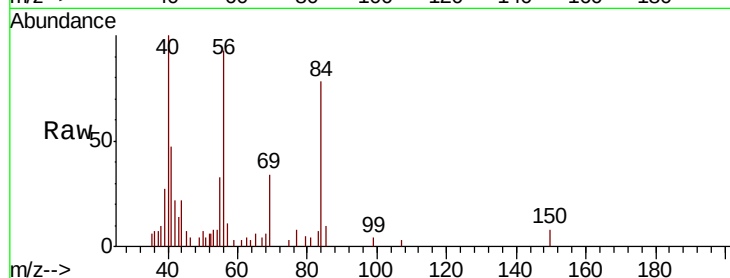
Tot Ion: 56 Resp: 4192

Ion Ratio Lower Upper

56 100

69 36.9 25.9 38.9

84 83.4 78.0 117.0



#32

1,1,1-Trichloroethane

Concen: 0.932 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

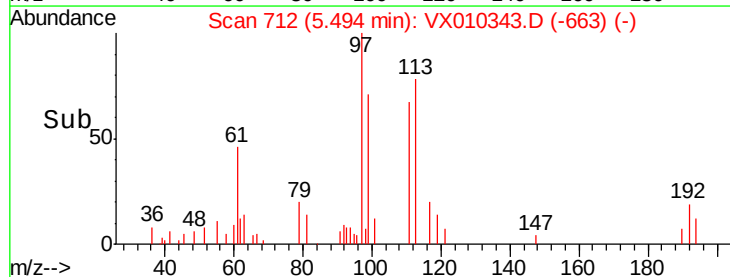
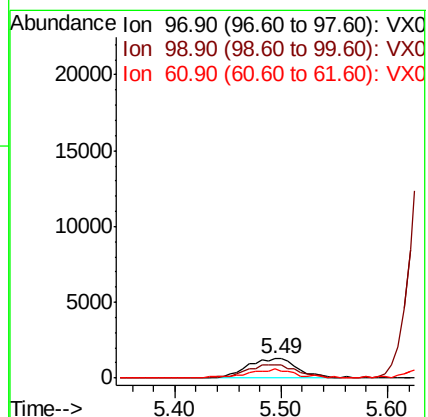
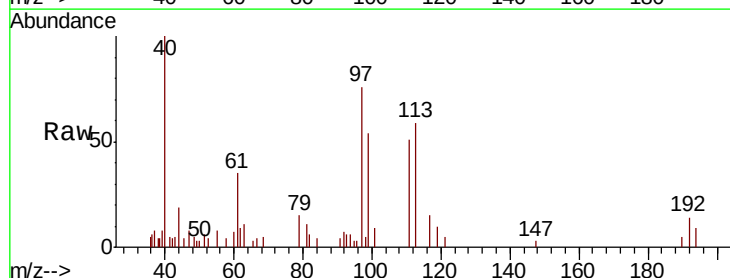
Tgt Ion: 97 Resp: 4284

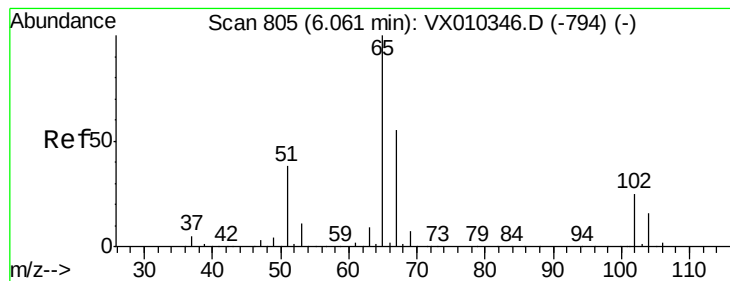
Ion Ratio Lower Upper

97 100

99 0.0 51.8 77.8#

61 43.4 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 1.140 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

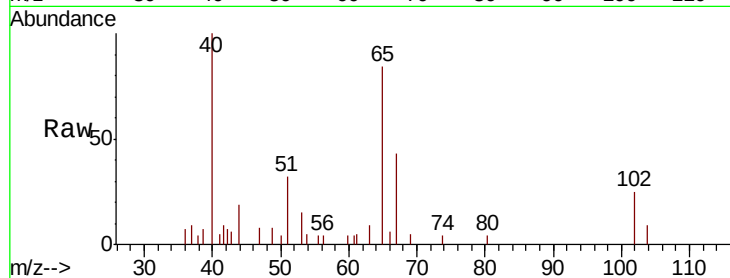
VSTDIC001

Tot Ion: 65 Resp: 3342

Ion Ratio Lower Upper

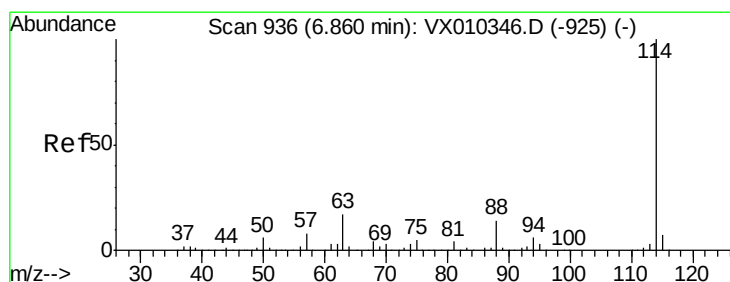
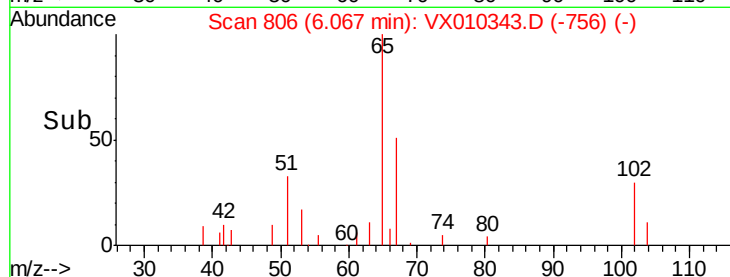
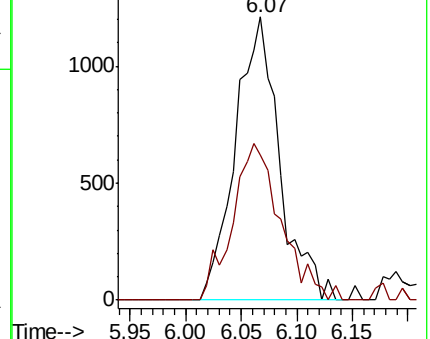
65 100

67 60.7 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

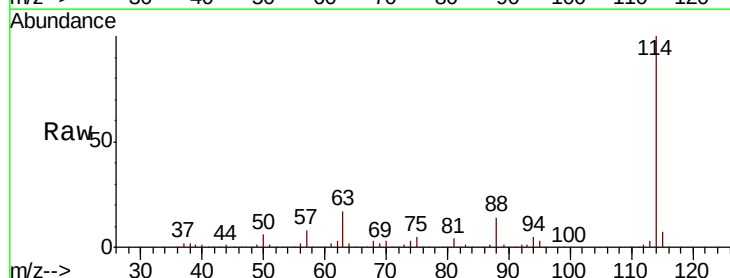
Tgt Ion: 114 Resp: 438062

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.8

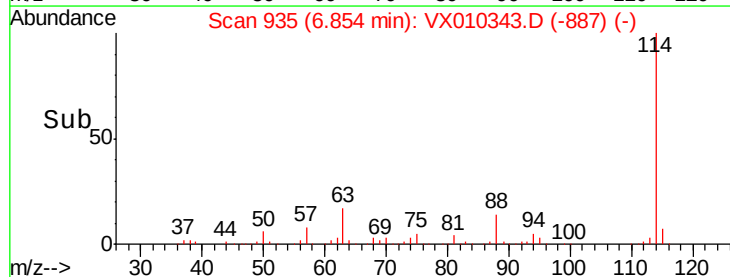
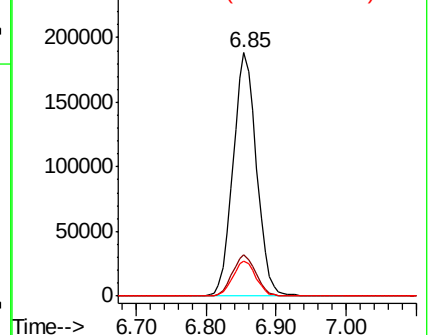
88 14.1 0.0 27.6

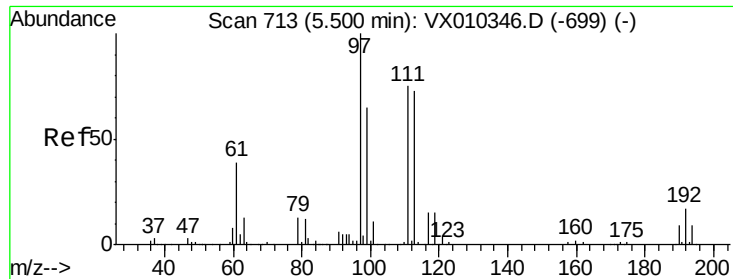


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

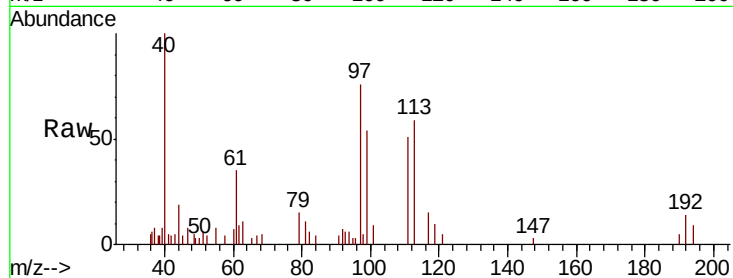




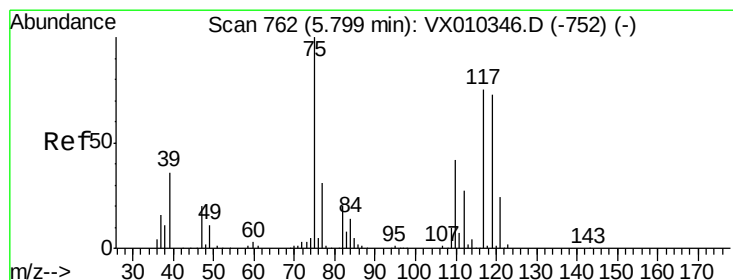
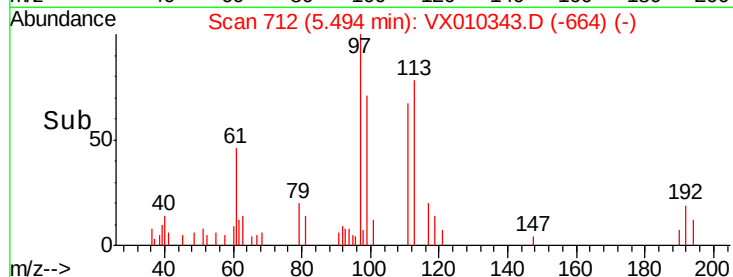
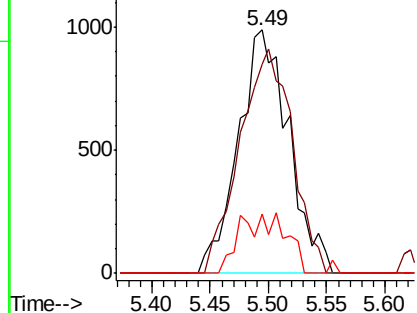
#35
 Dibromofluoromethane
 Concen: 1.089 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion:113 Resp: 2962
 Ion Ratio Lower Upper
 113 100
 111 95.8 81.2 121.8
 192 0.0 18.6 27.8#

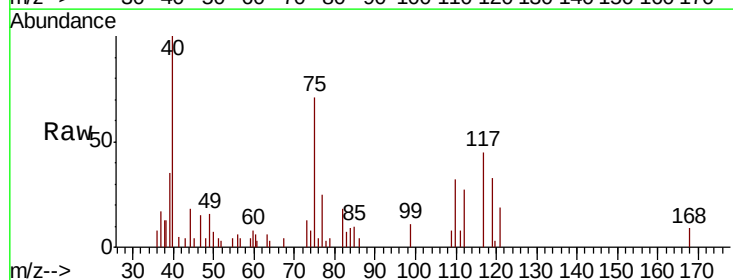


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

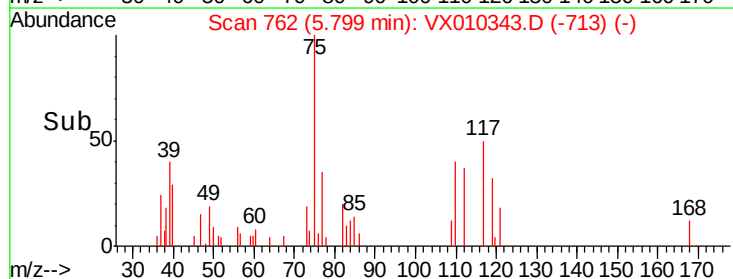
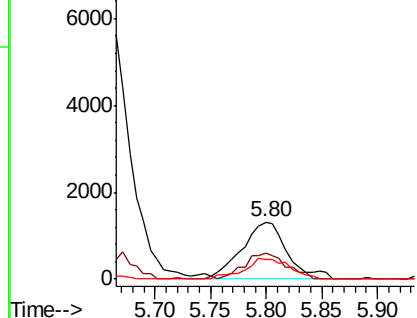


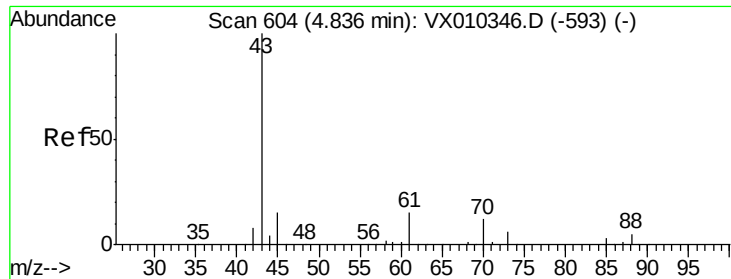
#36
 1,1-Dichloropropene
 Concen: 1.073 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Tgt Ion: 75 Resp: 3831
 Ion Ratio Lower Upper
 75 100
 110 42.0 20.8 62.2
 77 34.5 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 0.861 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

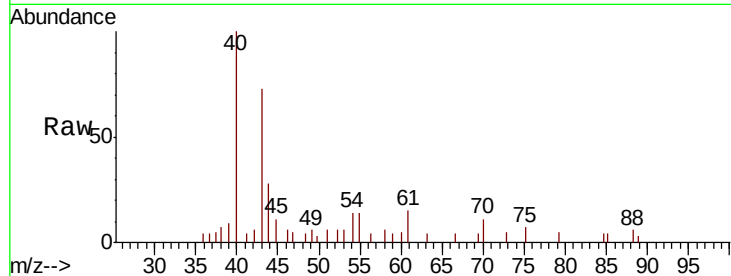
Tot Ion: 43 Resp: 3213

Ion Ratio Lower Upper

43 100

61 14.2 12.4 18.6

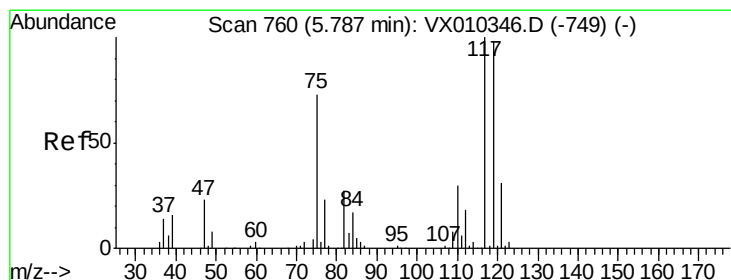
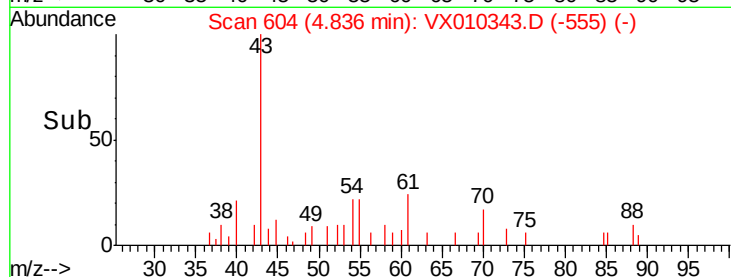
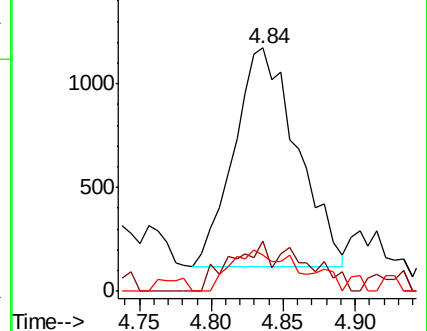
70 17.5 9.8 14.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 0.941 ug/l

RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

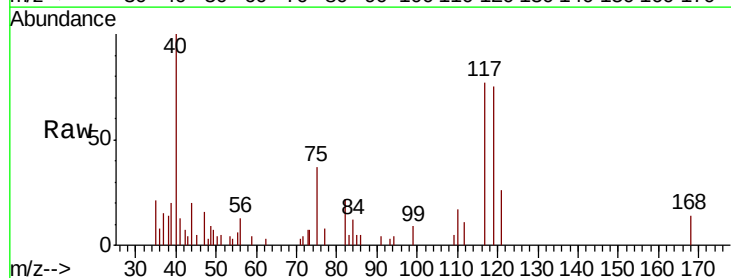
Tgt Ion: 117 Resp: 3795

Ion Ratio Lower Upper

117 100

119 96.6 78.2 117.4

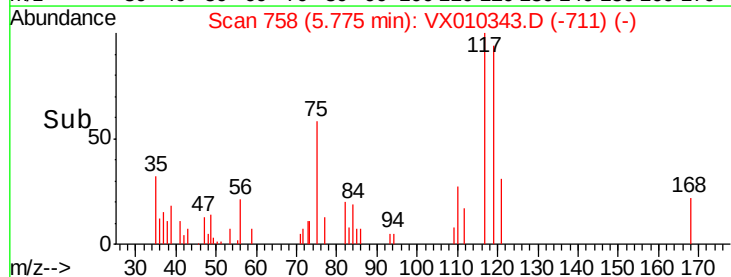
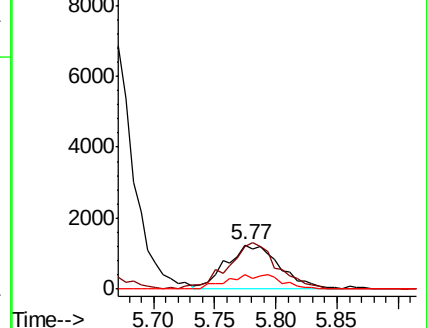
121 33.2 24.7 37.1

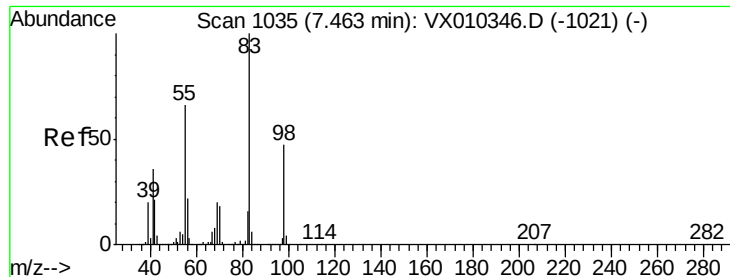


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

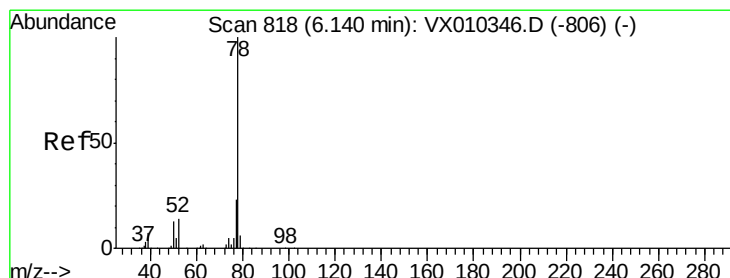
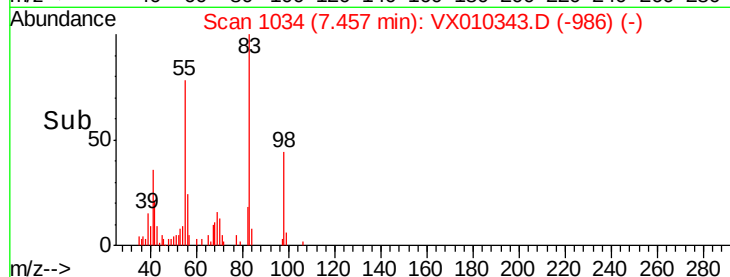
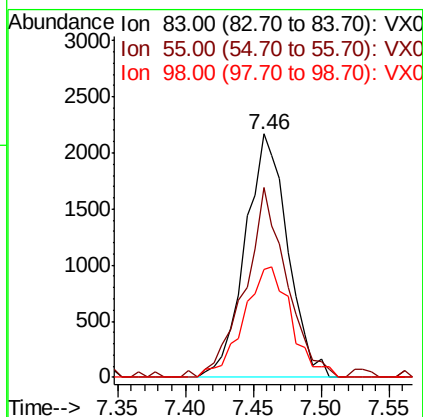
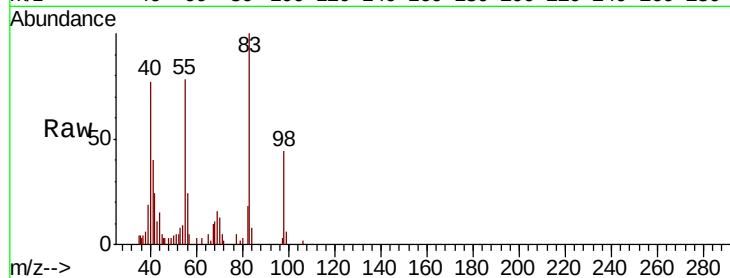




#39
Methylvlcyclohexane
Concen: 0.980 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

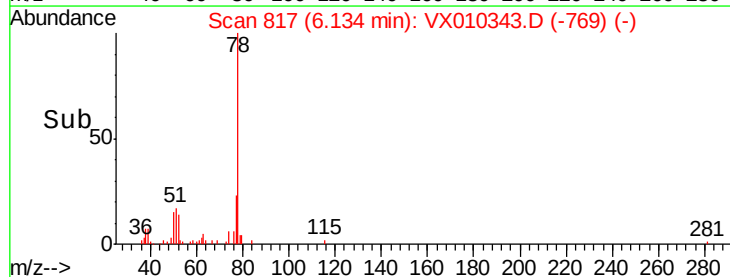
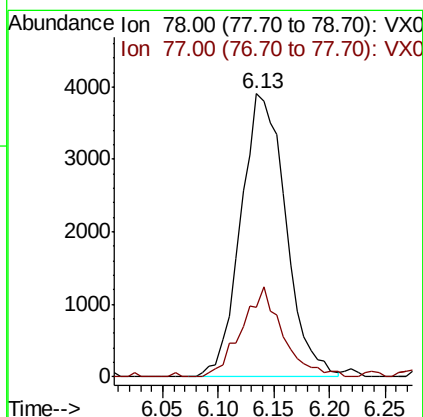
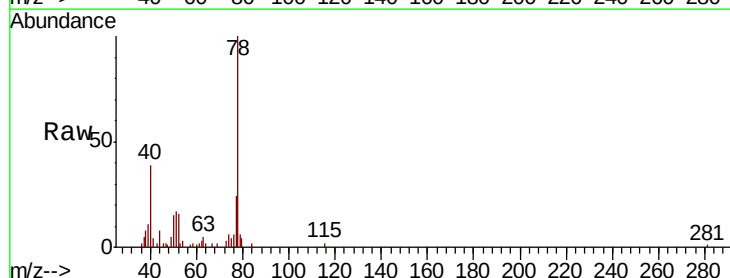
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

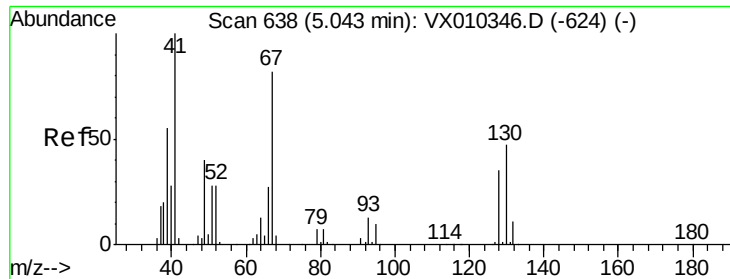
Tot Ion: 83 Resp: 4747
Ion Ratio Lower Upper
83 100
55 78.1 53.0 79.6
98 44.4 37.8 56.8



#40
Benzene
Concen: 0.992 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion: 78 Resp: 10978
Ion Ratio Lower Upper
78 100
77 24.4 18.6 28.0

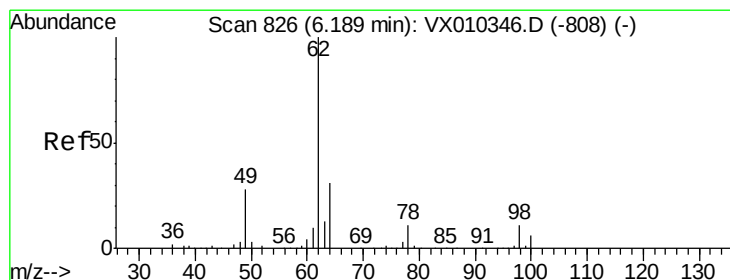
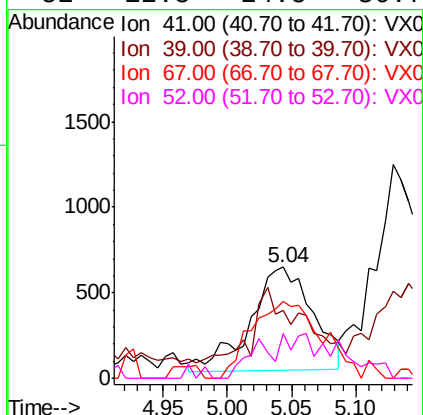
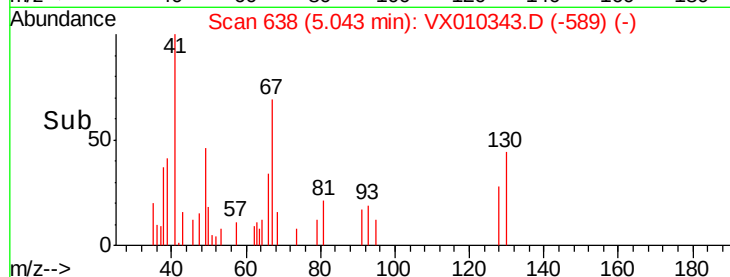
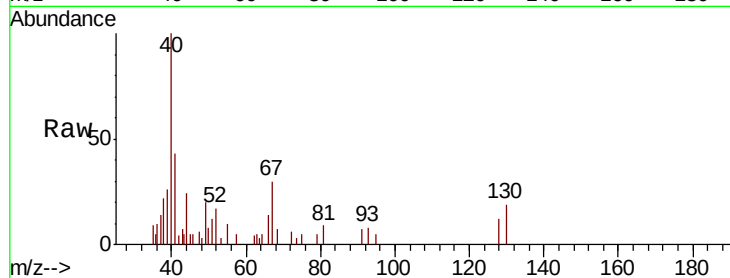




#41
Methacrylonitrile
Concen: 1.015 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

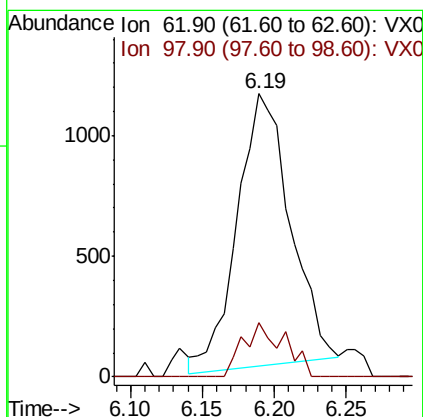
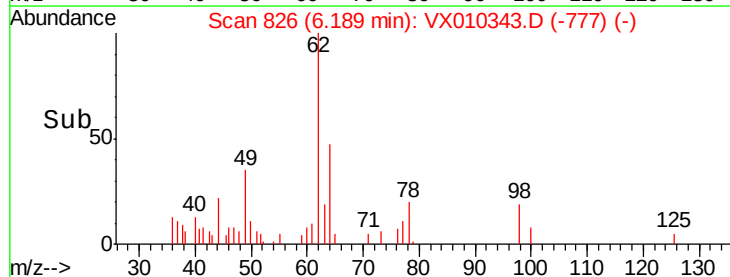
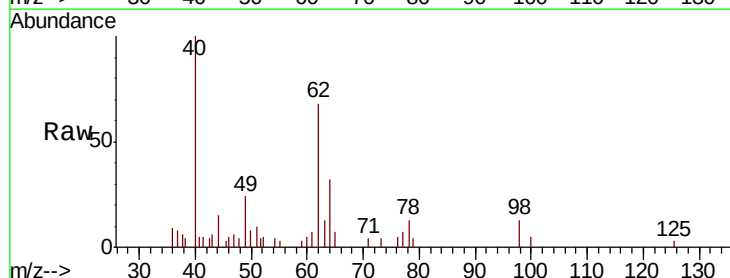
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

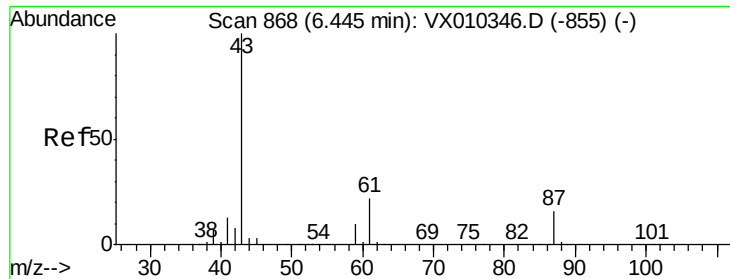
Tot Ion: 41 Resp: 2041
Ion Ratio Lower Upper
41 100
39 0.0 43.8 65.8#
67 83.0 66.6 100.0
52 12.5 24.5 36.7#



#42
1,2-Dichloroethane
Concen: 0.820 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion: 62 Resp: 2884
Ion Ratio Lower Upper
62 100
98 15.8 0.0 22.2





#43

Isopropyl Acetate

Concen: 0.874 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

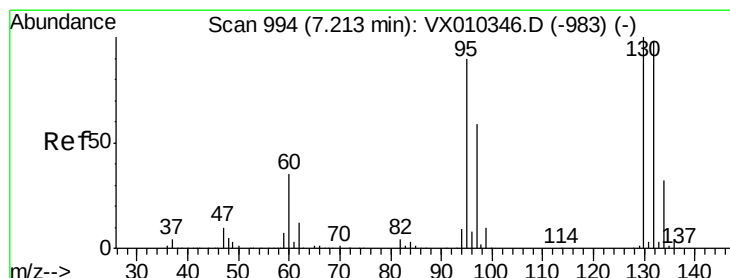
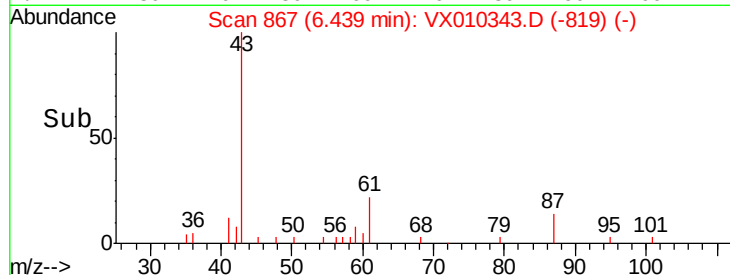
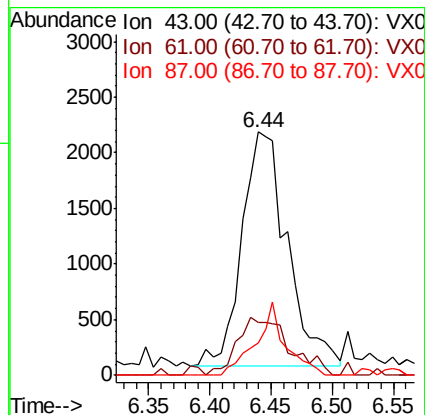
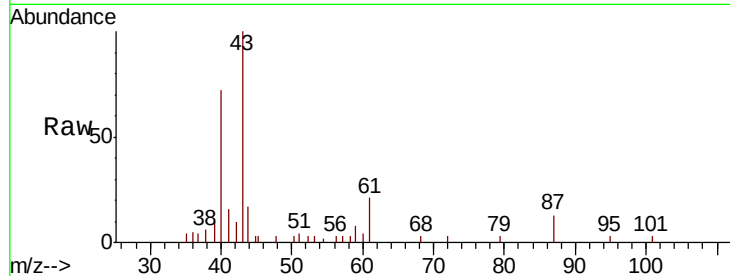
Tot Ion: 43 Resp: 5431

Ion Ratio Lower Upper

43 100

61 28.2 17.8 26.6#

87 20.4 13.0 19.4#



#44

Trichloroethene

Concen: 0.981 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010343.D

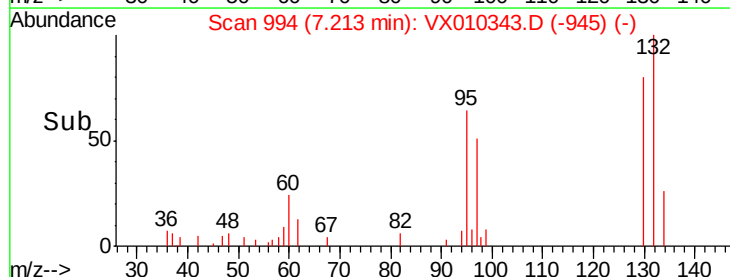
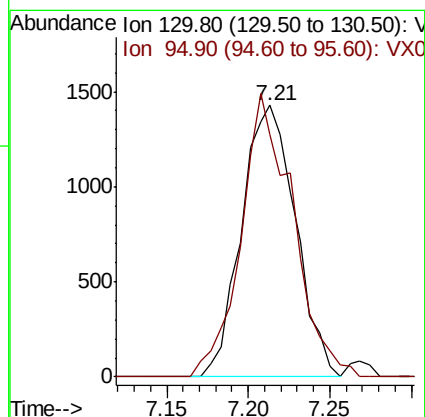
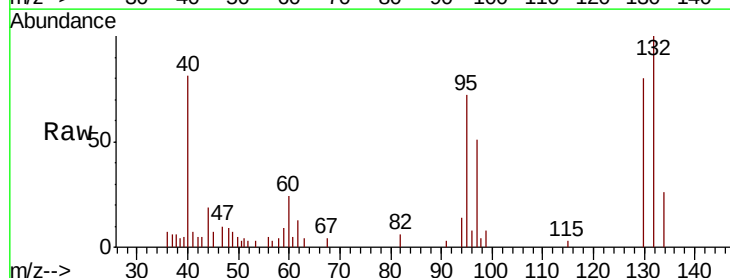
Acq: 19 Jun 2019 12:18

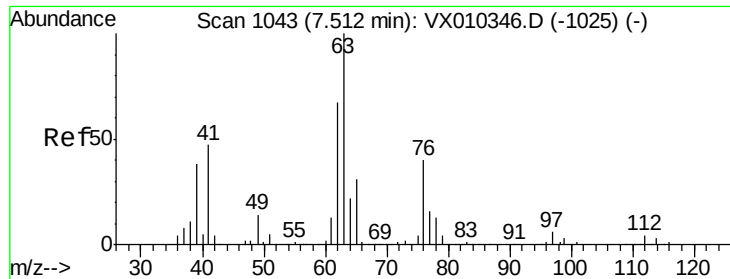
Tgt Ion:130 Resp: 3274

Ion Ratio Lower Upper

130 100

95 89.2 0.0 180.8





#45

1,2-Dichloropropane

Concen: 1.049 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampled :

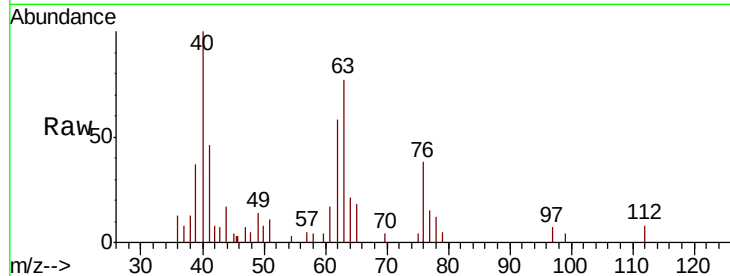
VSTDIC001

Tot Ion: 63 Resp: 2905

Ion Ratio Lower Upper

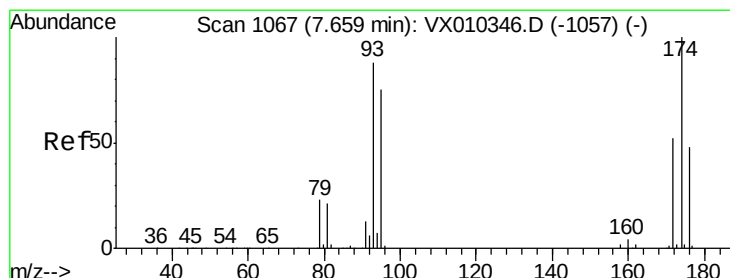
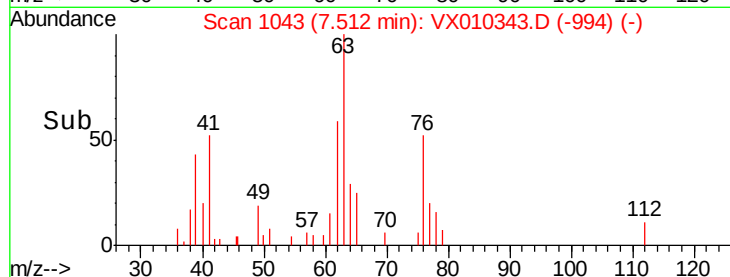
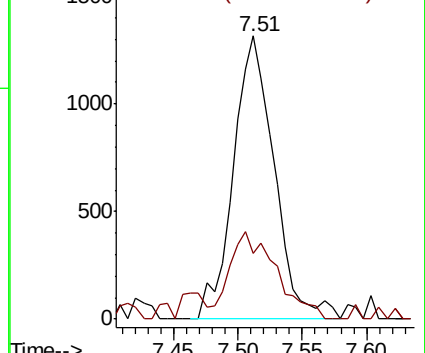
63 100

65 23.3 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 0.947 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

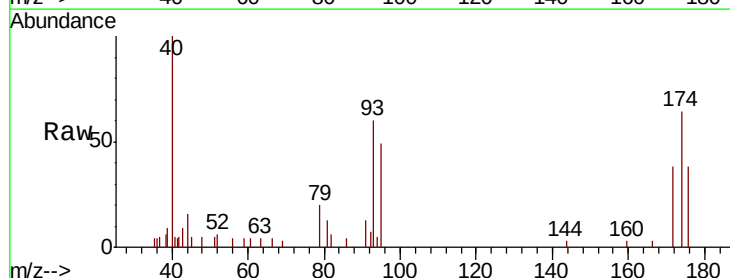
Tgt Ion: 93 Resp: 1965

Ion Ratio Lower Upper

93 100

95 88.5 67.5 101.3

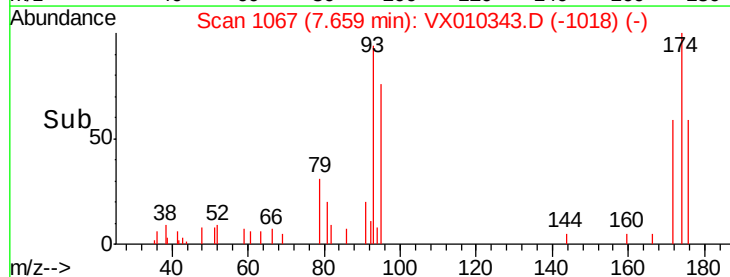
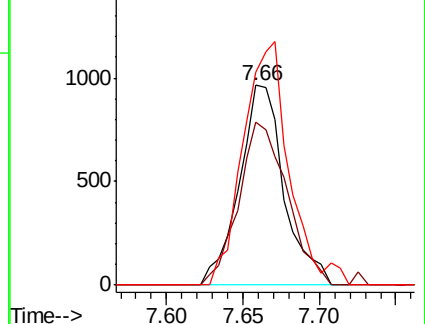
174 125.5 95.8 143.6

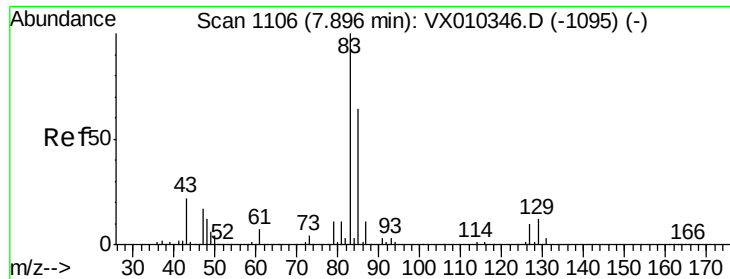


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.899 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

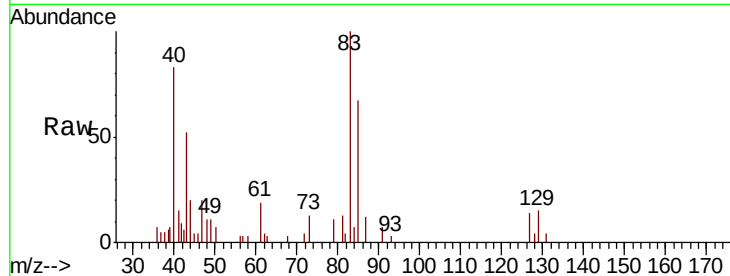
Tot Ion: 83 Resp: 3465

Ion Ratio Lower Upper

83 100

85 66.8 51.5 77.3

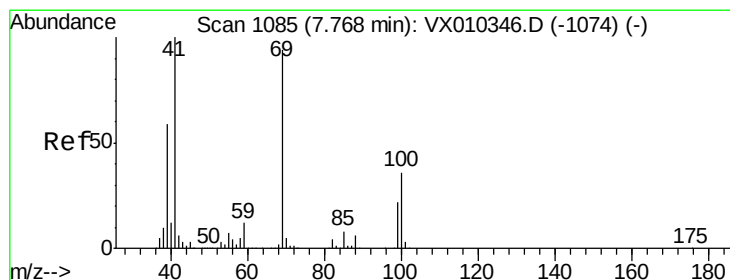
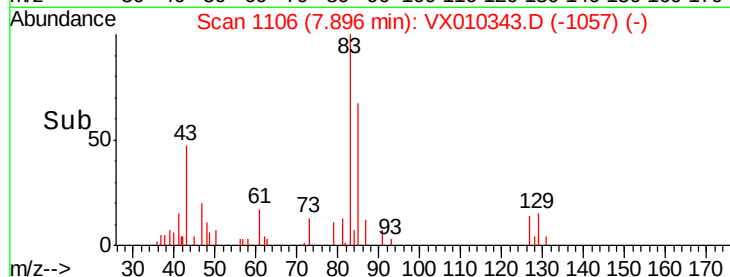
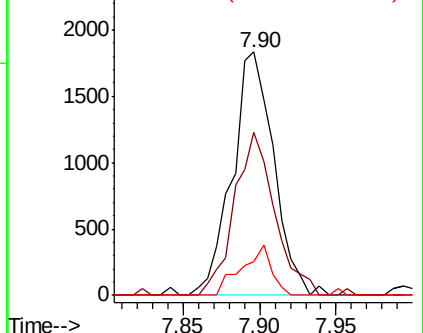
127 13.8 7.8 11.8#



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: 0.809 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

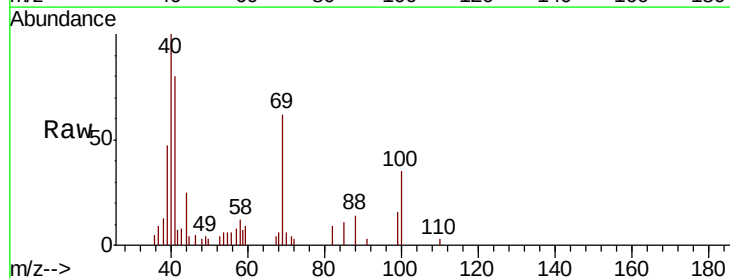
Tgt Ion: 41 Resp: 2342

Ion Ratio Lower Upper

41 100

69 108.2 76.1 114.1

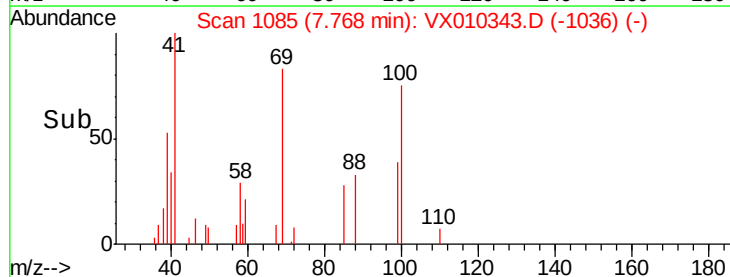
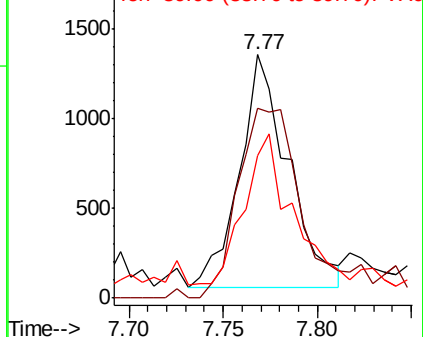
39 63.1 47.6 71.4

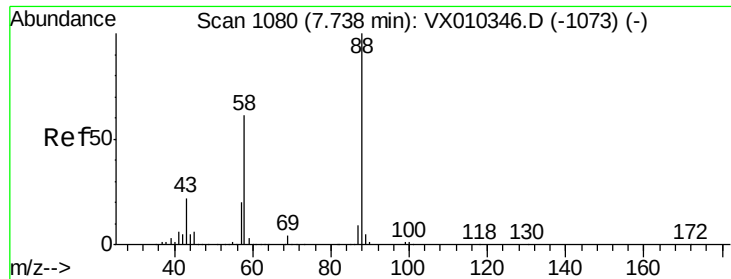


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

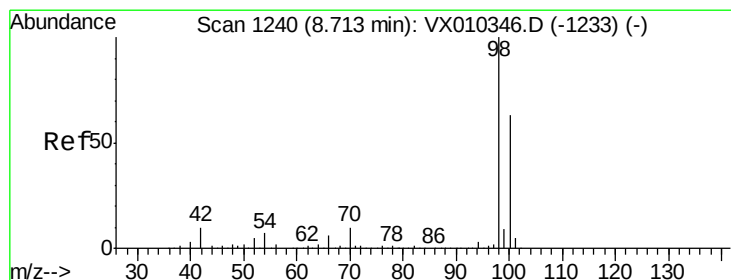
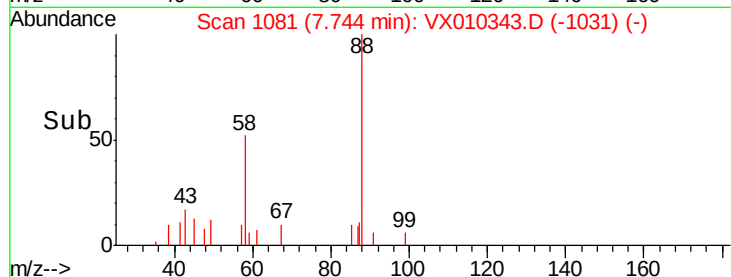
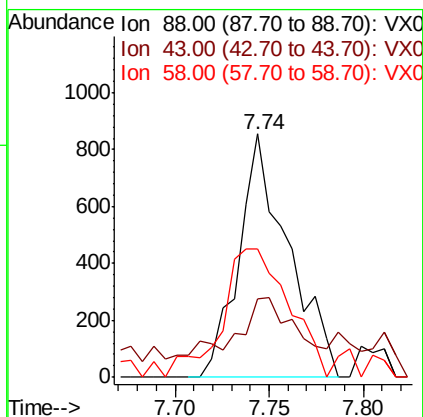
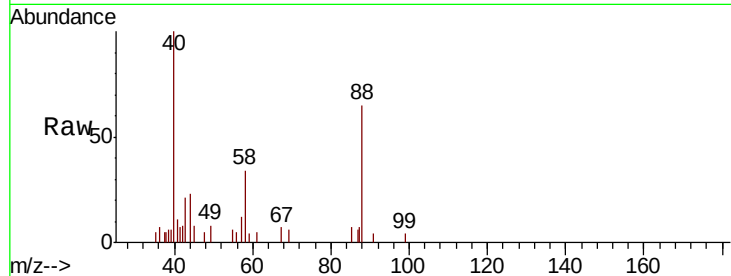




#49
1,4-Dioxane
Concen: 18.837 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

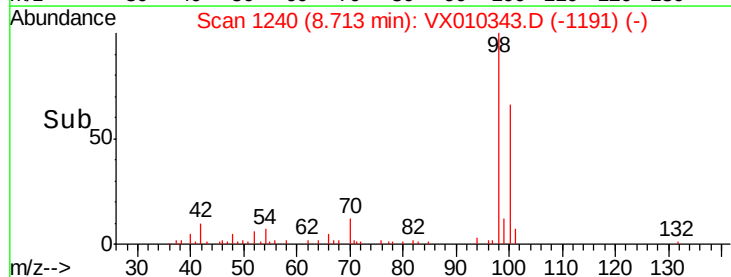
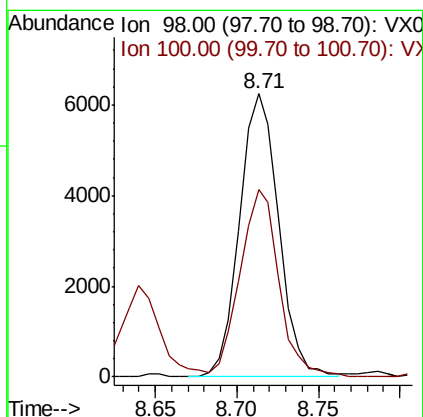
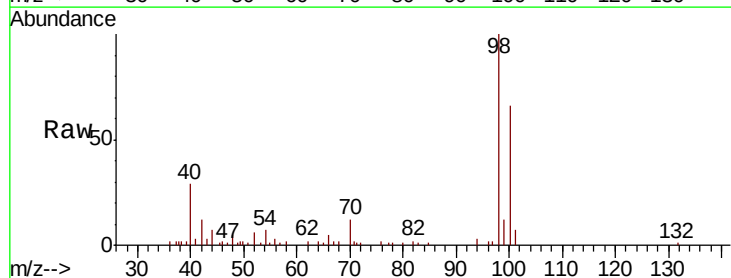
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

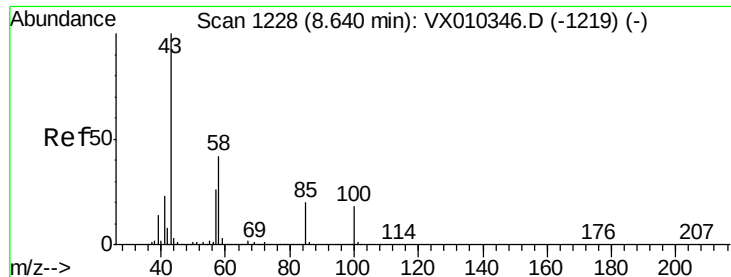
Tot Ion: 88 Resp: 1560
Ion Ratio Lower Upper
88 100
43 24.0 20.2 30.2
58 72.3 49.5 74.3



#50
Toluene-d8
Concen: 1.021 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion: 98 Resp: 10421
Ion Ratio Lower Upper
98 100
100 65.8 51.6 77.4

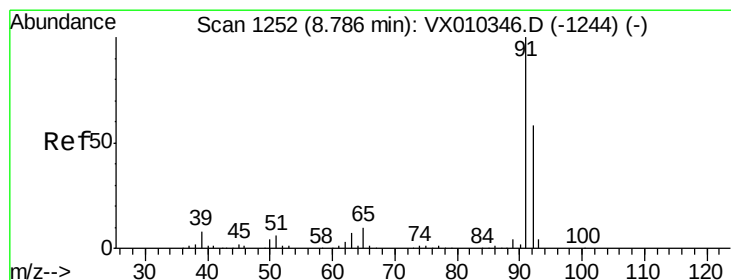
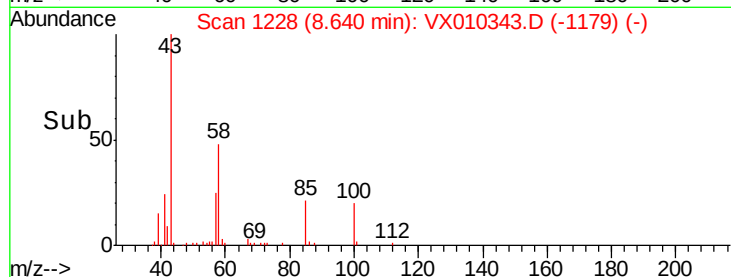
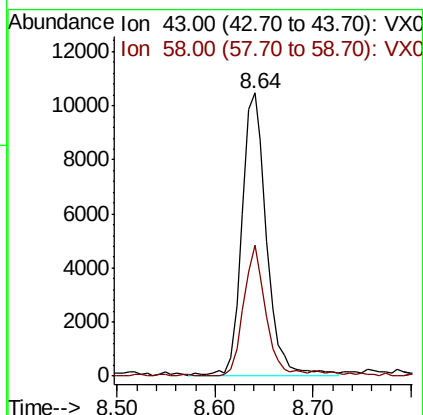
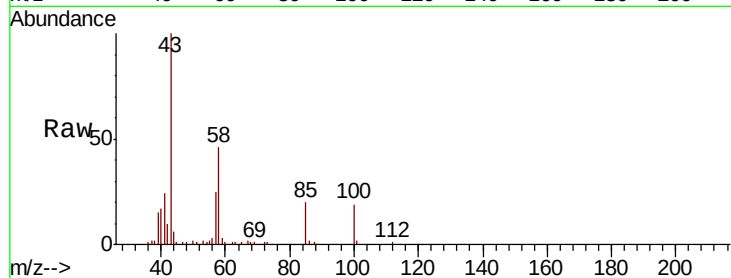




#51
 4-Methyl-2-Pentanone
 Concen: 4.942 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

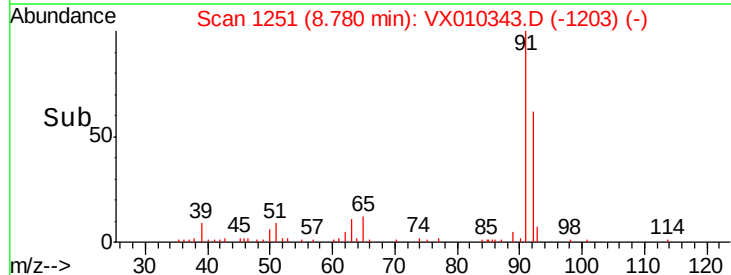
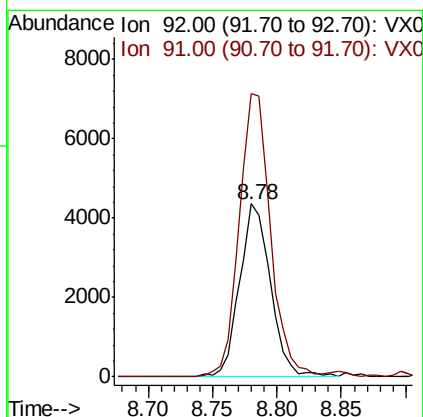
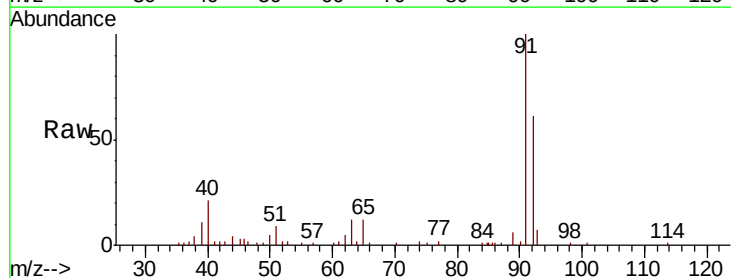
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

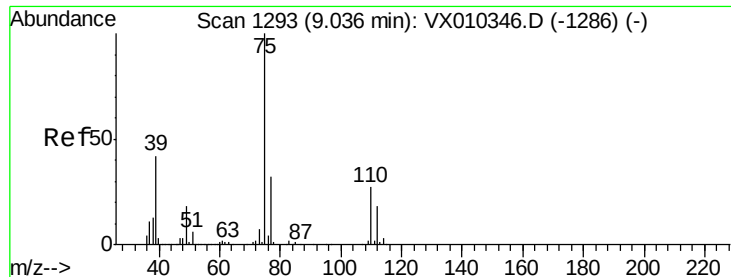
Tot Ion: 43 Resp: 18432
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.5 50.3



#52
 Toluene
 Concen: 0.999 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Tgt Ion: 92 Resp: 7287
 Ion Ratio Lower Upper
 92 100
 91 164.7 139.8 209.6

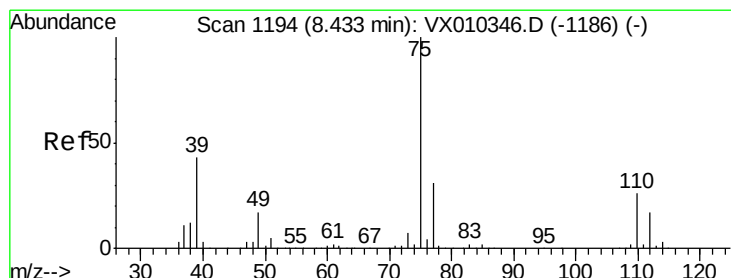
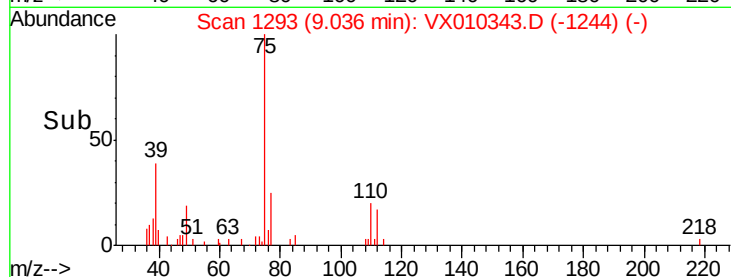
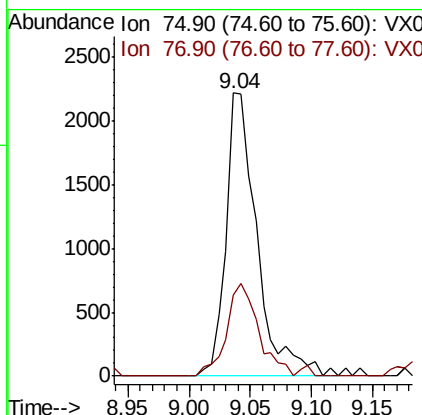
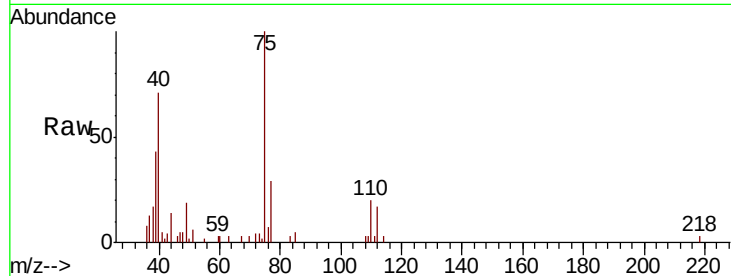




#53
 t-1,3-Dichloropropene
 Concen: 0.876 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

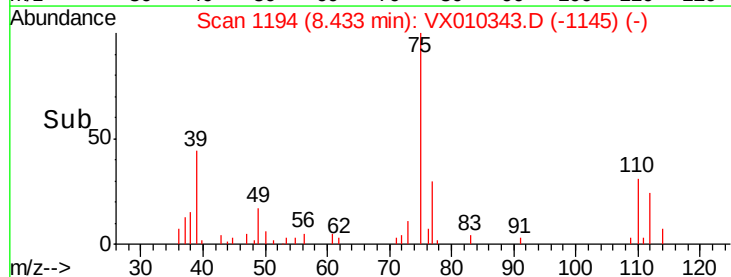
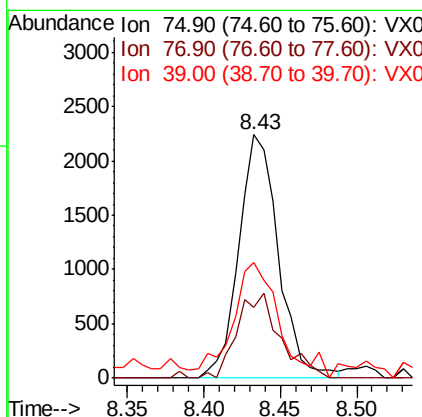
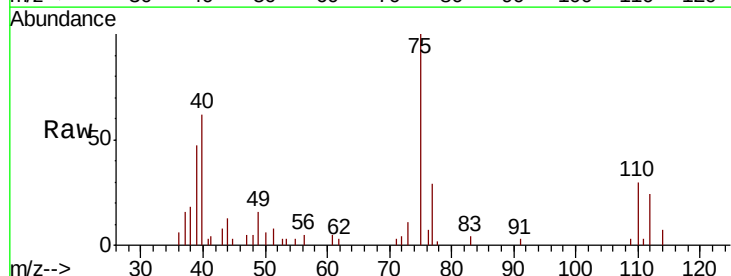
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

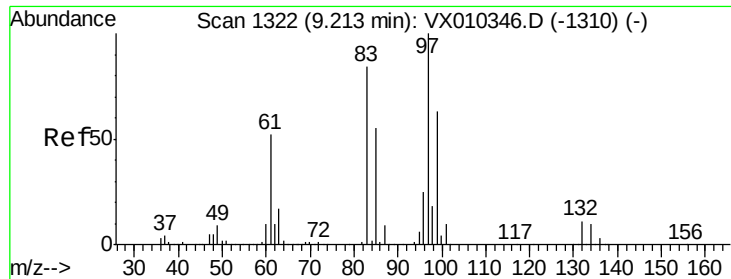
Tot Ion: 75 Resp: 3884
 Ion Ratio Lower Upper
 75 100
 77 28.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 0.845 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Tgt Ion: 75 Resp: 4036
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.2 37.8
 39 43.9 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 0.955 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 97 Resp: 2849

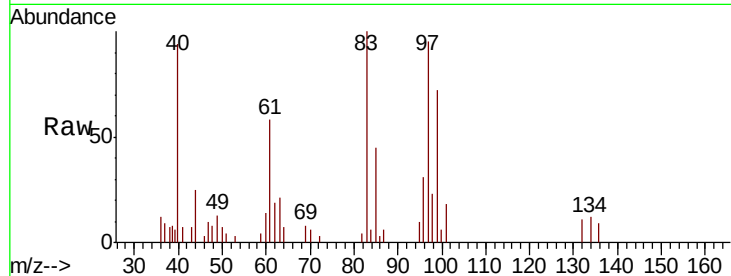
Ion Ratio Lower Upper

97 100

83 105.0 67.4 101.0#

85 47.1 43.8 65.8

99 71.3 50.3 75.5

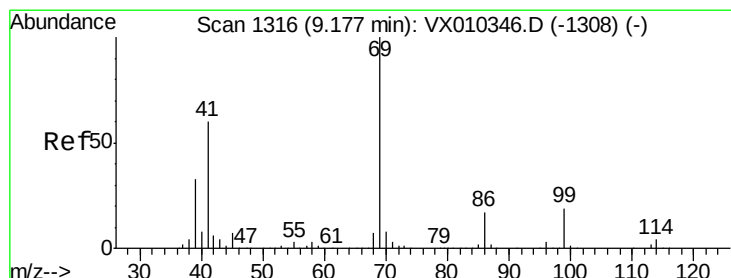
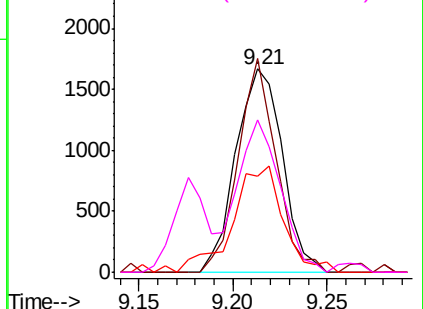
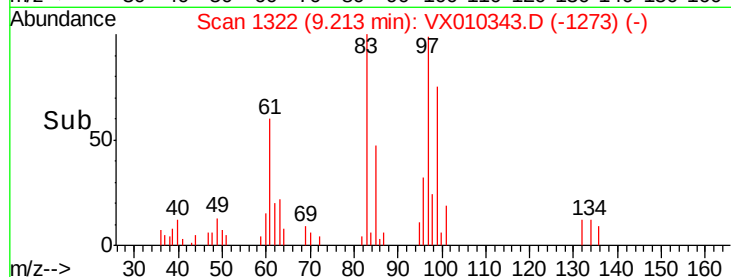


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.897 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

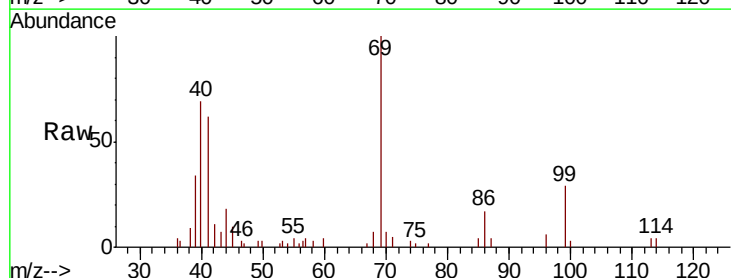
Tgt Ion: 69 Resp: 4199

Ion Ratio Lower Upper

69 100

41 61.3 47.1 70.7

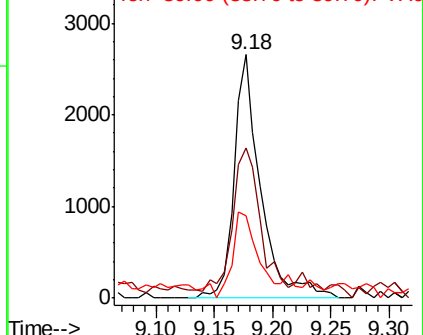
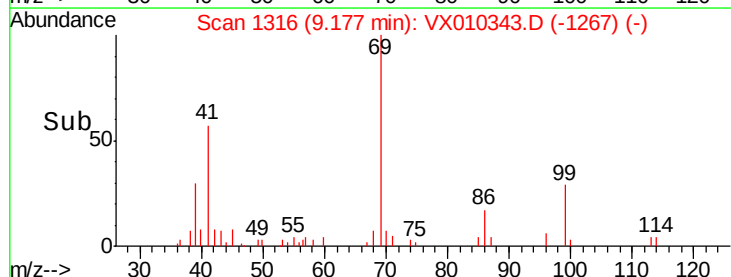
39 34.3 26.6 40.0

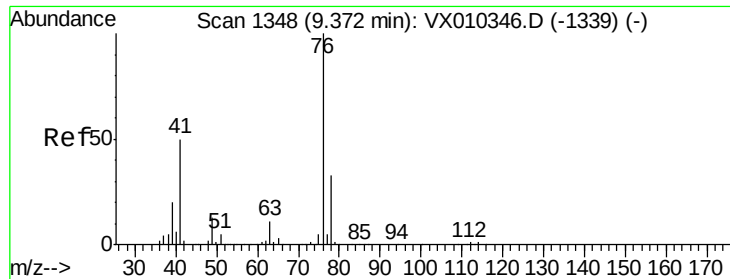


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

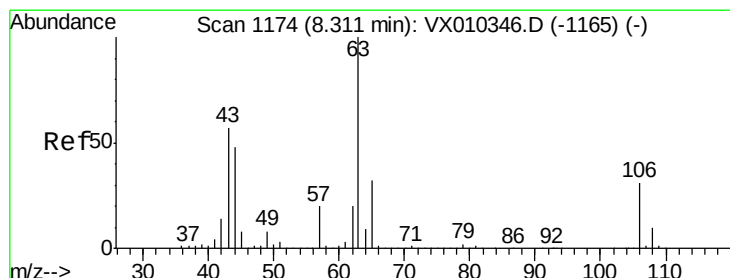
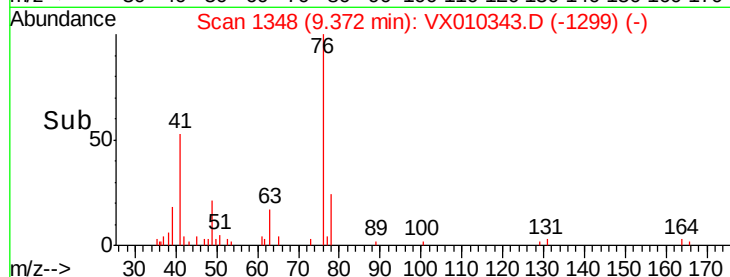
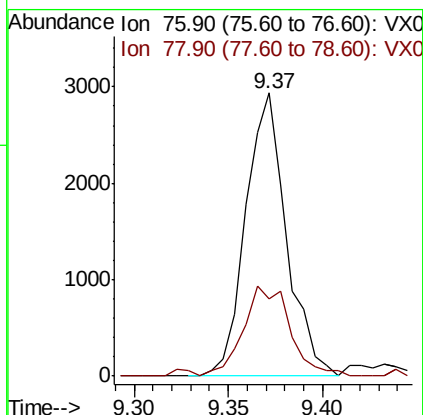
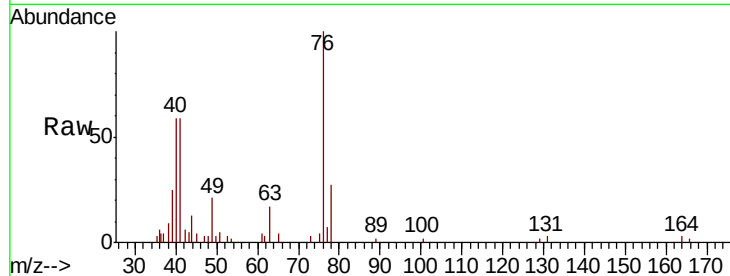




#57
 1,3-Dichloropropane
 Concen: 0.937 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

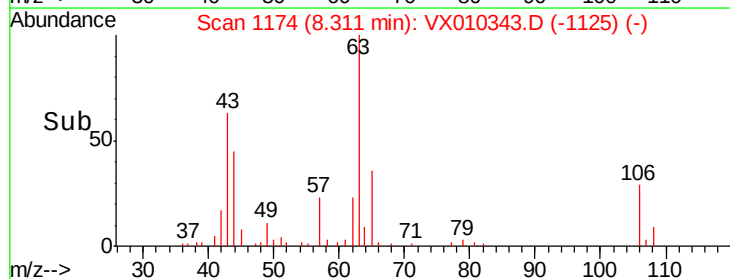
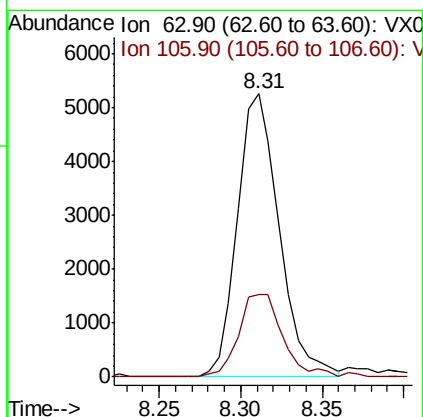
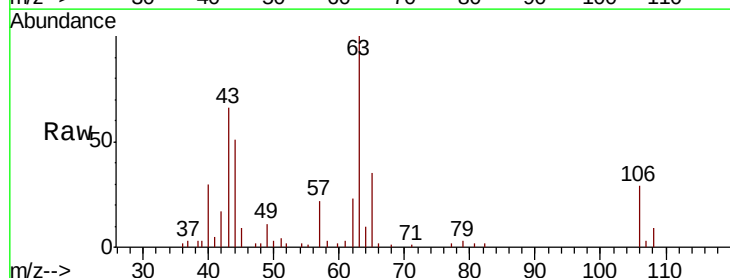
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

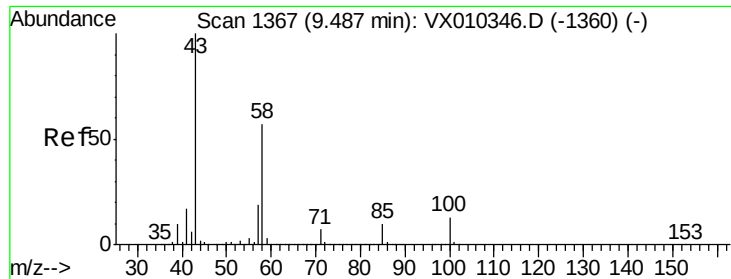
Tot Ion: 76 Resp: 4397
 Ion Ratio Lower Upper
 76 100
 78 36.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.245 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Tgt Ion: 63 Resp: 9385
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.7 37.1

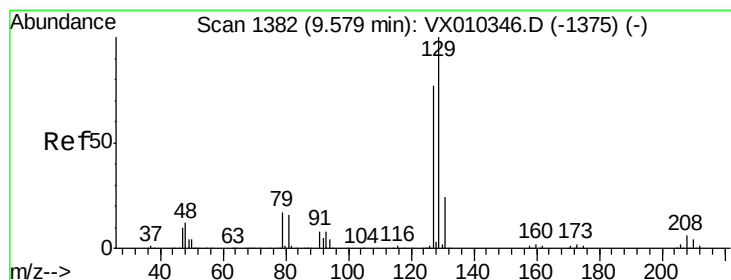
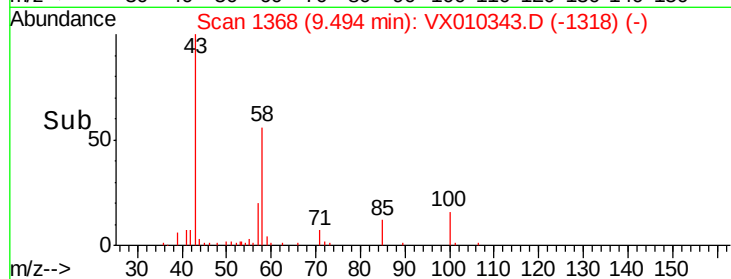
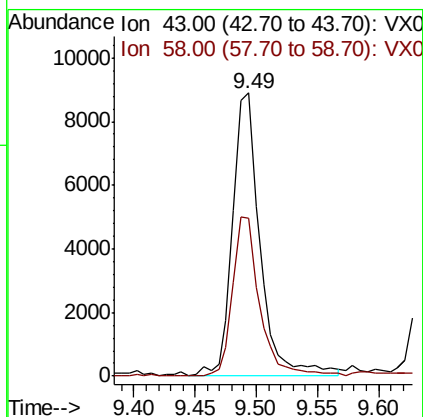
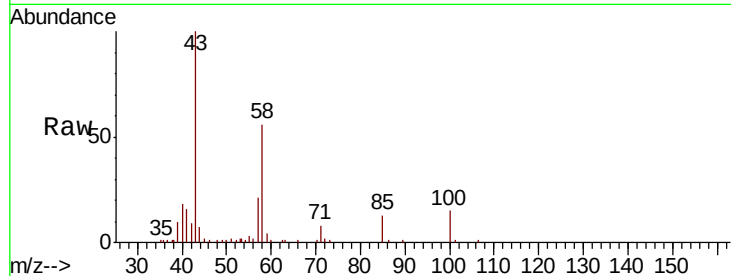




#59
2-Hexanone
Concen: 4.669 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

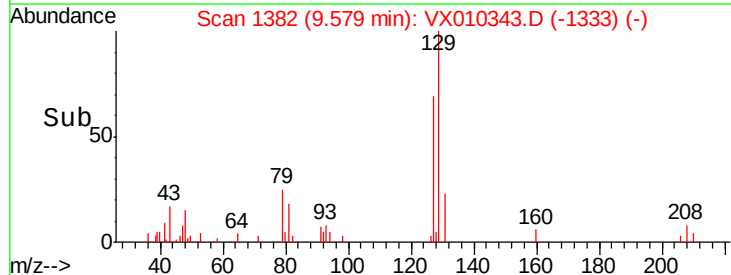
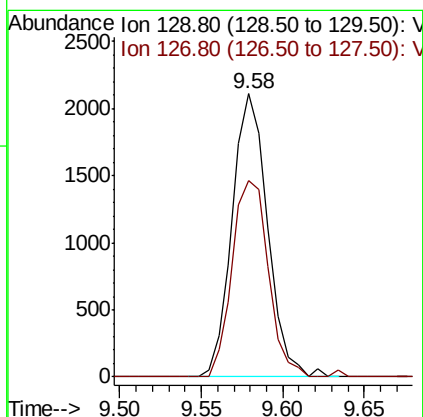
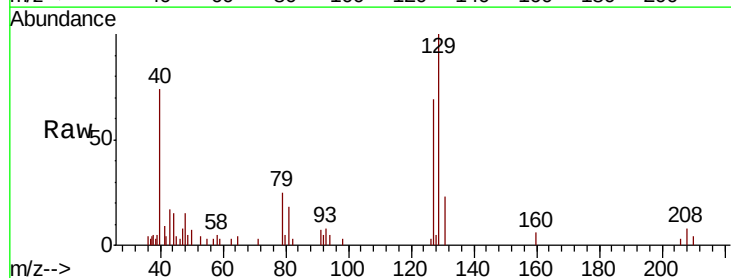
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

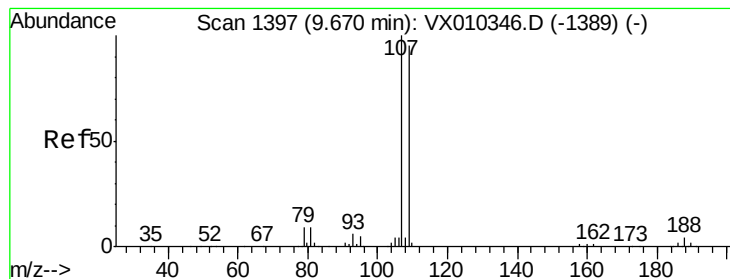
Tot Ion: 43 Resp: 13903
Ion Ratio Lower Upper
43 100
58 55.2 29.0 87.1



#60
Dibromochloromethane
Concen: 0.911 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion: 129 Resp: 3193
Ion Ratio Lower Upper
129 100
127 70.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 0.927 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

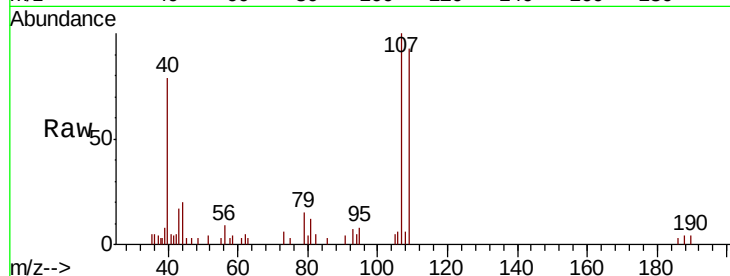
VSTDIC001

Tot Ion: 107 Resp: 3071

Ion Ratio Lower Upper

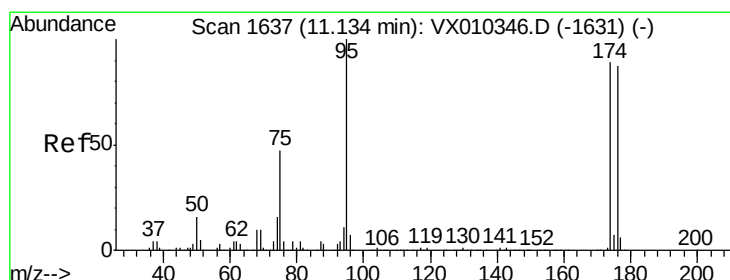
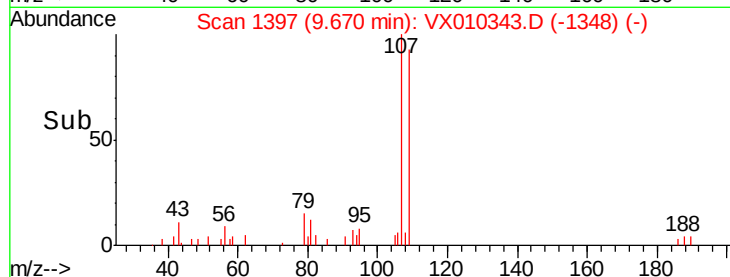
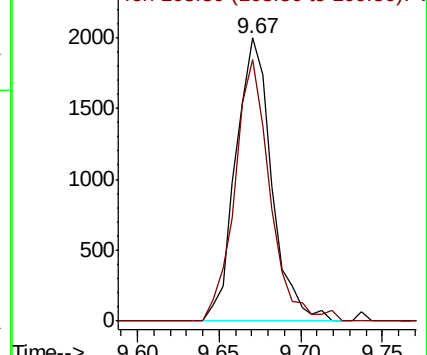
107 100

109 90.5 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 0.959 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

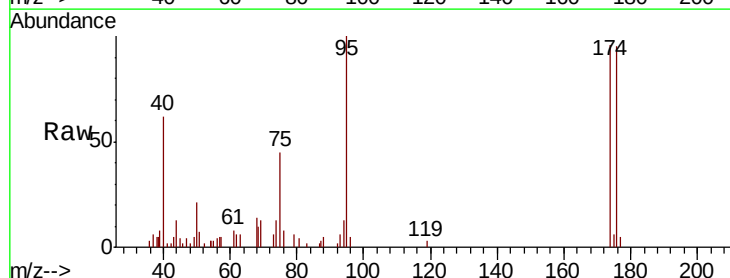
Tgt Ion: 95 Resp: 3633

Ion Ratio Lower Upper

95 100

174 95.6 0.0 187.6

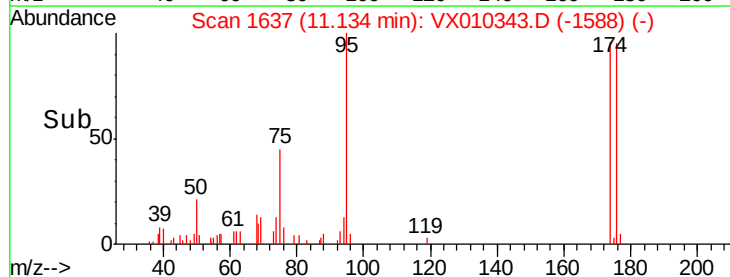
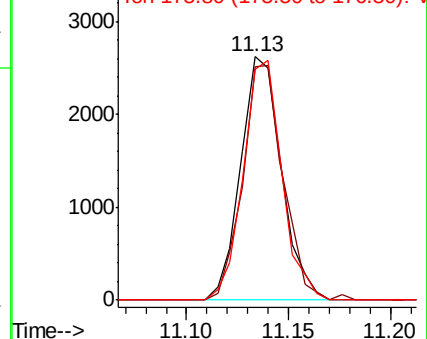
176 93.5 0.0 184.0

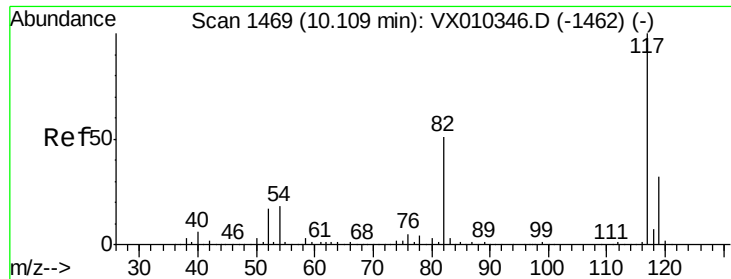


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

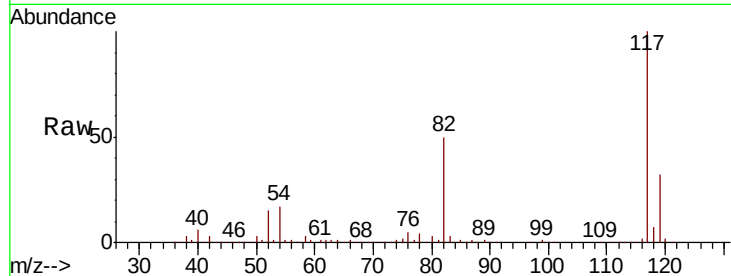




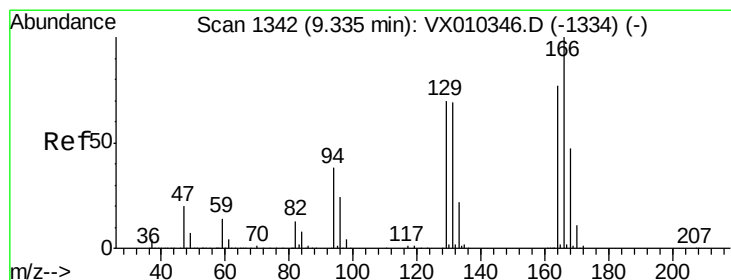
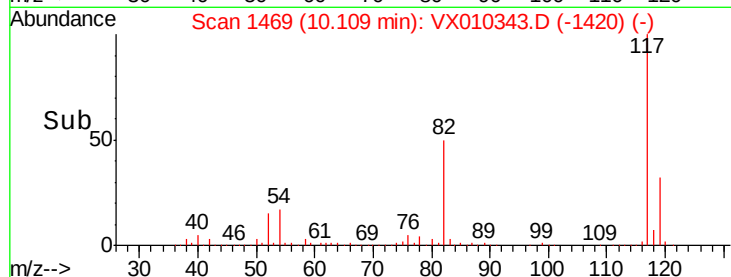
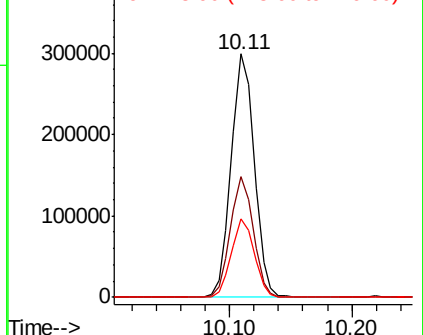
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 390892
Ion Ratio Lower Upper
117 100
82 49.7 41.2 61.8
119 32.4 25.5 38.3

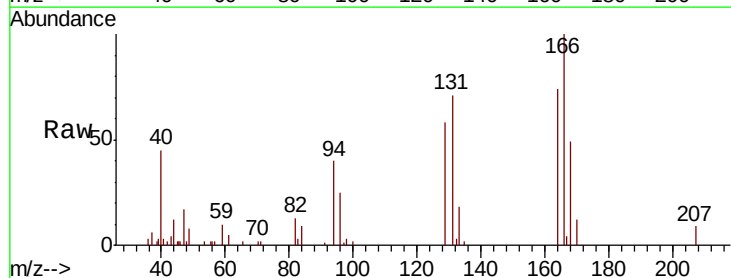


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

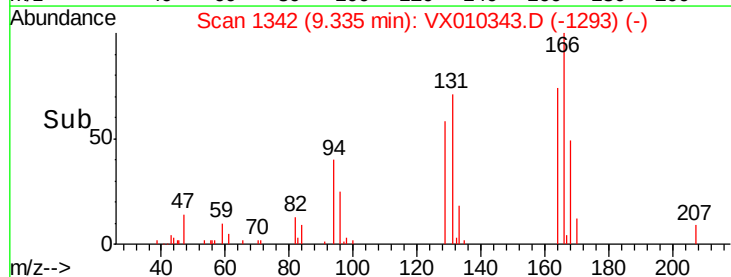
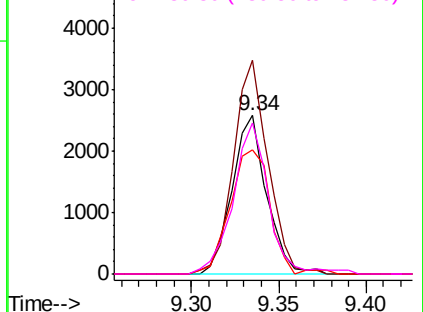


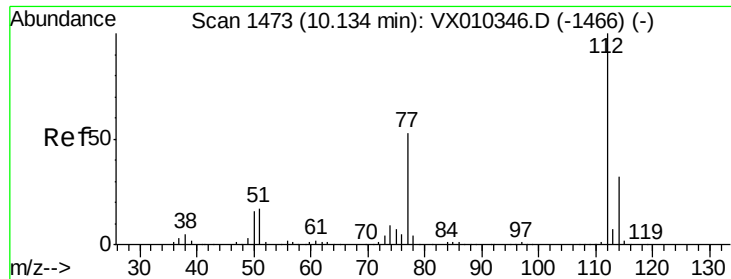
#64
Tetrachloroethene
Concen: 1.211 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion:164 Resp: 3577
Ion Ratio Lower Upper
164 100
166 135.0 103.6 155.4
129 78.3 73.0 109.4
131 95.5 71.0 106.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 1.009 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

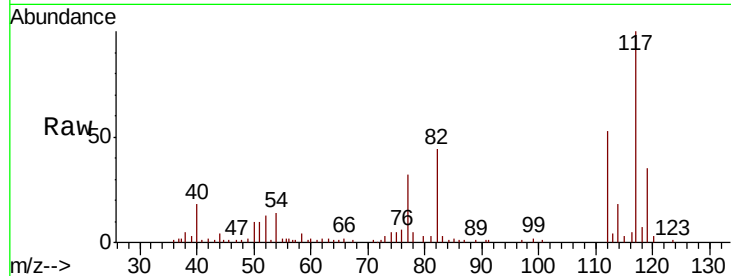
VSTDIC001

Tot Ion:112 Resp: 8140

Ion Ratio Lower Upper

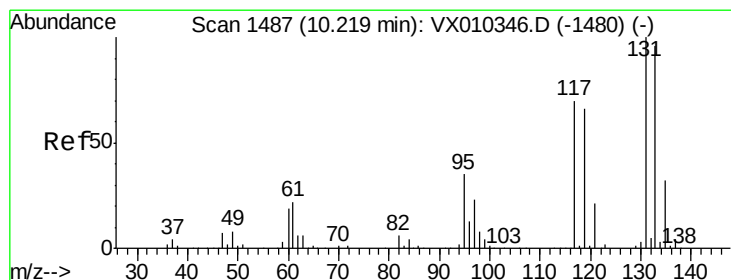
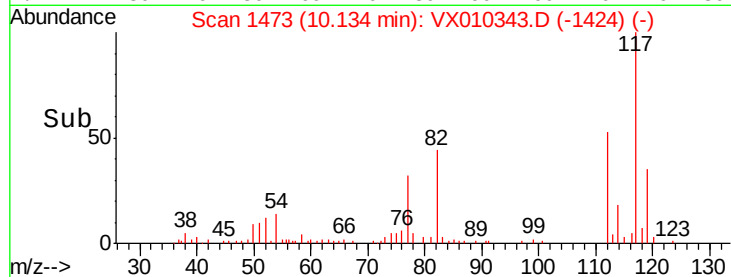
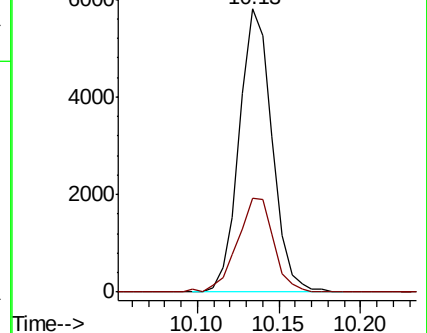
112 100

114 33.2 25.4 38.2



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: 0.855 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

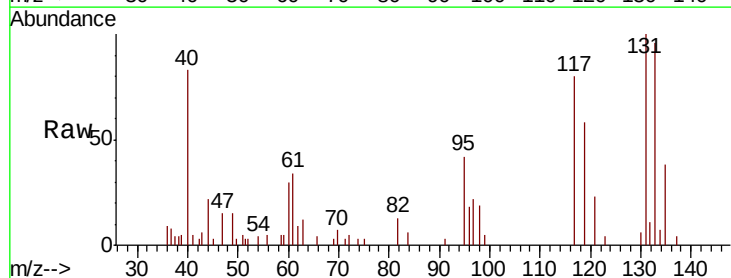
Tgt Ion:131 Resp: 2643

Ion Ratio Lower Upper

131 100

133 93.1 47.7 143.1

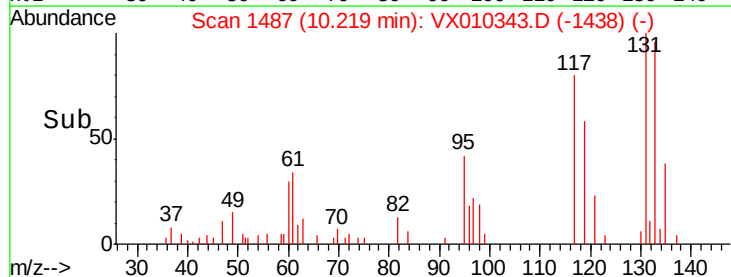
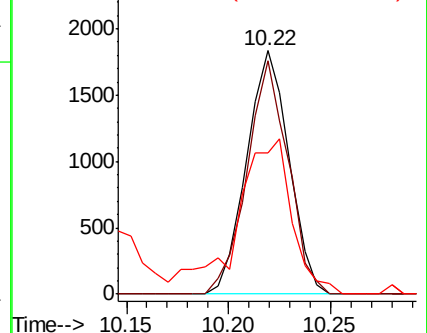
119 0.0 32.6 97.7#

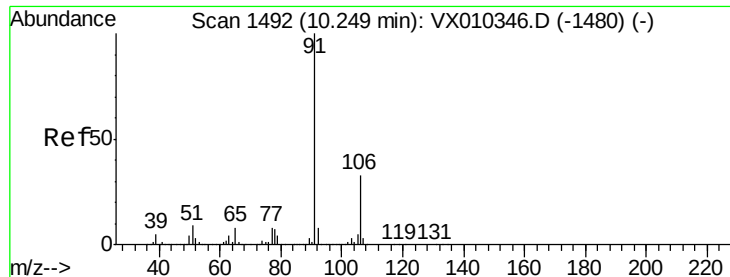


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

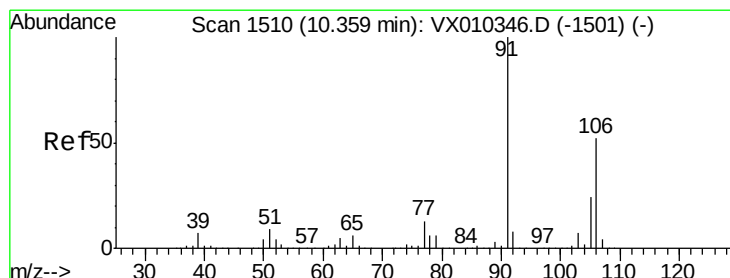
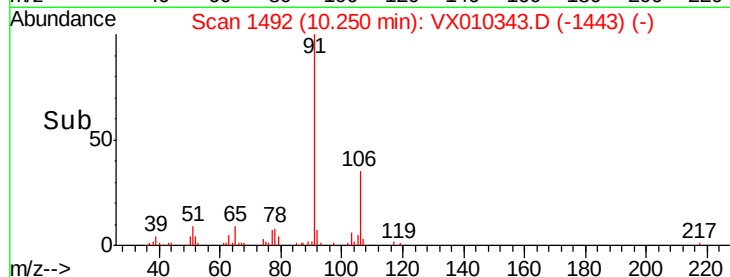
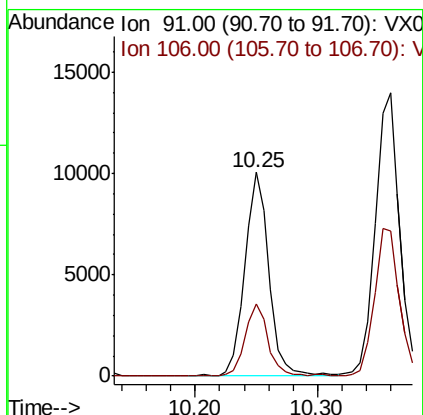
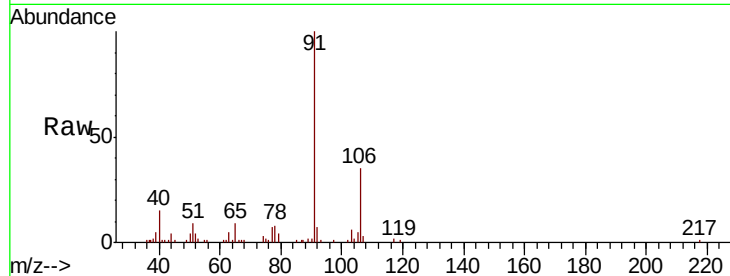




#67
Ethyl Benzene
Concen: 1.002 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

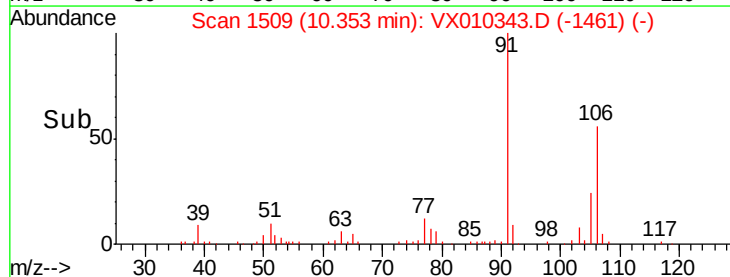
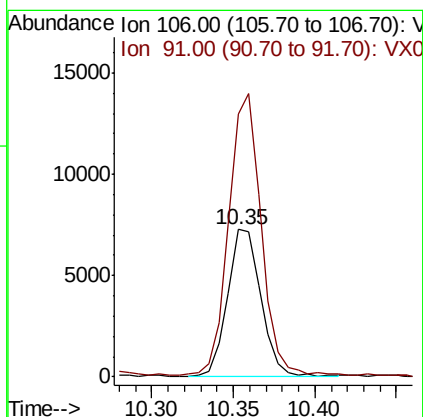
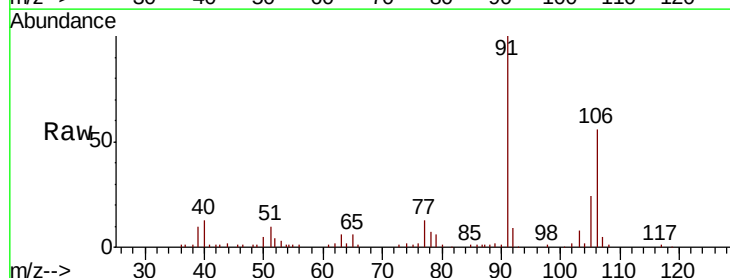
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

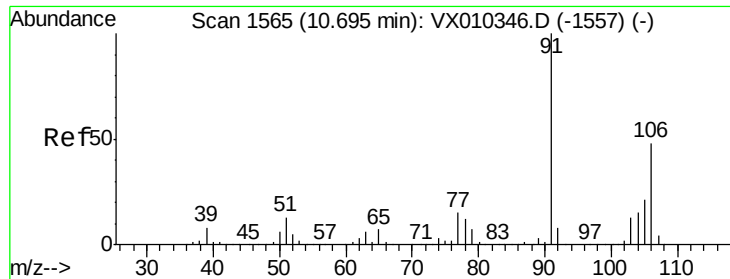
Tot Ion: 91 Resp: 13771
Ion Ratio Lower Upper
91 100
106 35.3 26.2 39.2



#68
m/p-Xylenes
Concen: 1.968 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion: 106 Resp: 10471
Ion Ratio Lower Upper
106 100
91 184.6 155.3 232.9

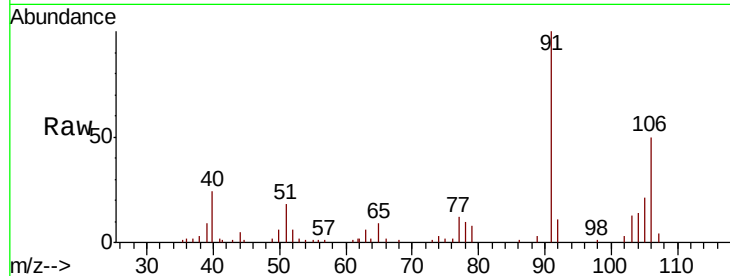




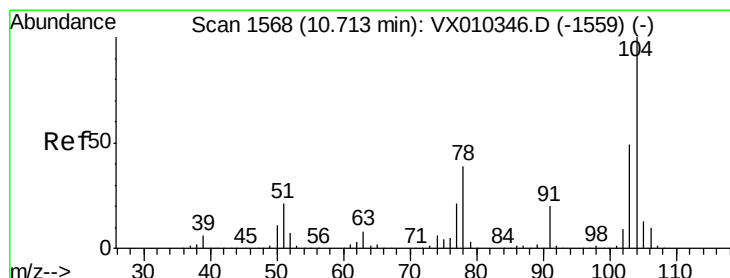
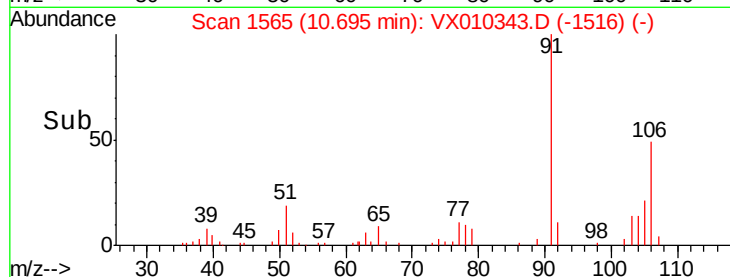
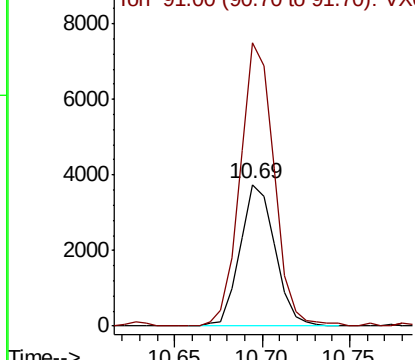
#69
o-Xylene
Concen: 0.984 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:106 Resp: 5193
Ion Ratio Lower Upper
106 100
91 195.1 102.7 308.1

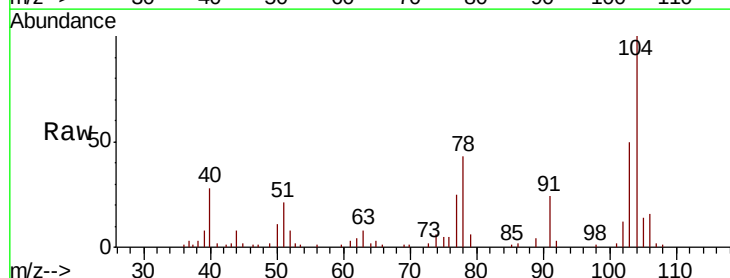


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

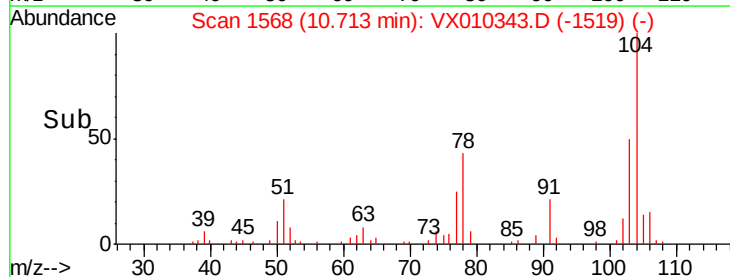
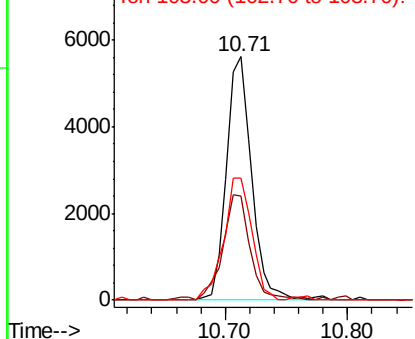


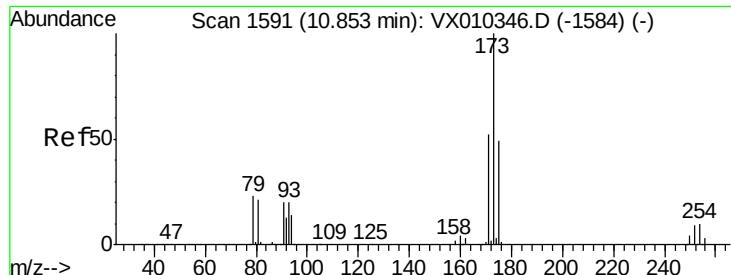
#70
Styrene
Concen: 0.896 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion:104 Resp: 8000
Ion Ratio Lower Upper
104 100
78 47.5 36.2 54.2
103 55.5 44.2 66.4



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: 0.779 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

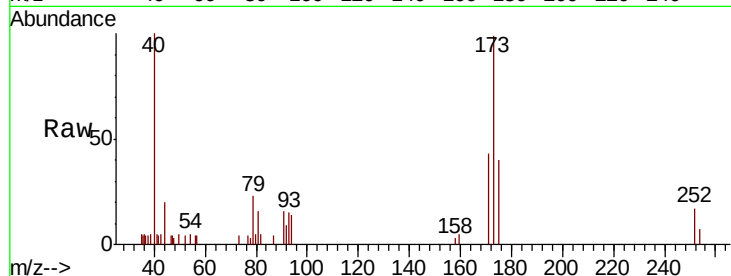
Tot Ion:173 Resp: 2207

Ion Ratio Lower Upper

173 100

175 46.6 24.1 72.3

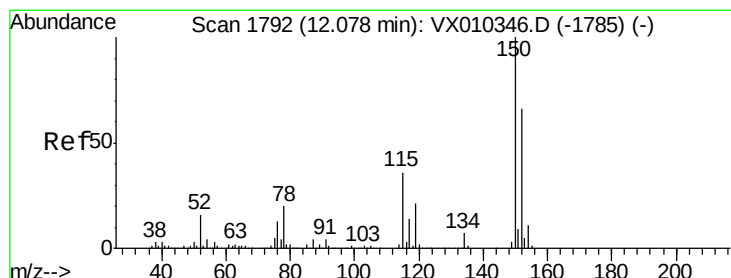
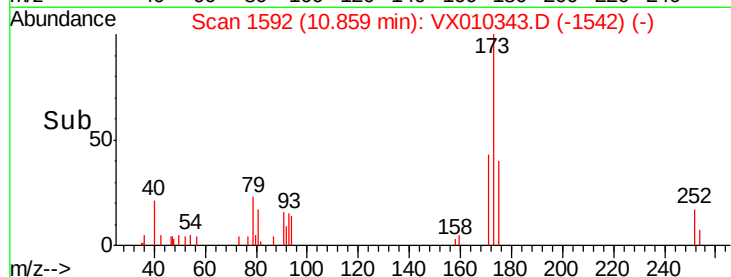
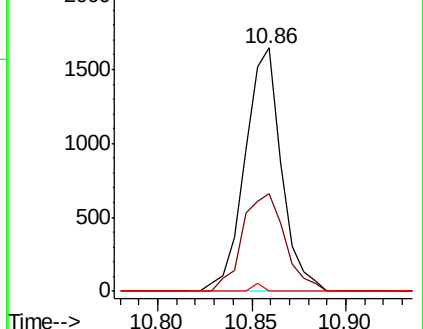
254 0.9 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

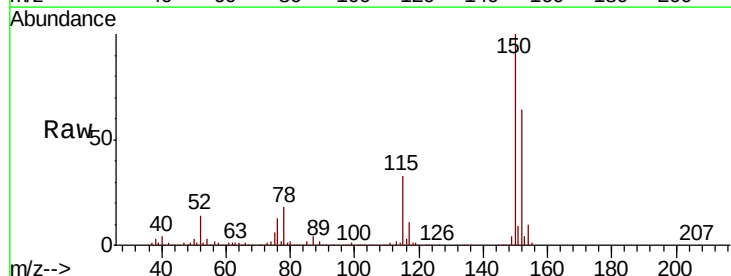
Tgt Ion:152 Resp: 190532

Ion Ratio Lower Upper

152 100

115 54.9 38.6 115.7

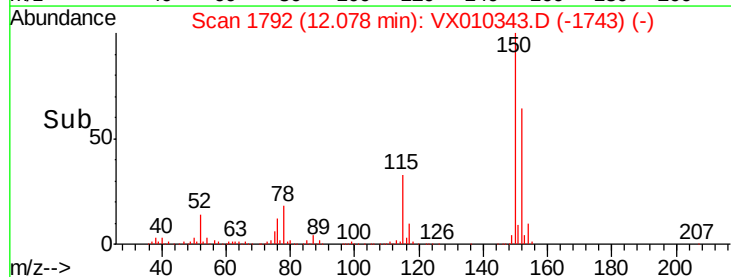
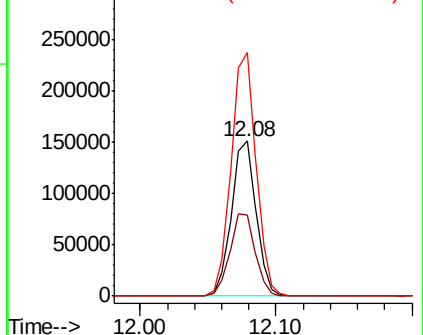
150 158.2 0.0 347.4

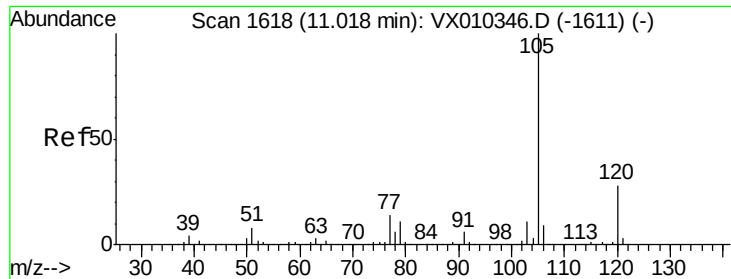


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.978 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

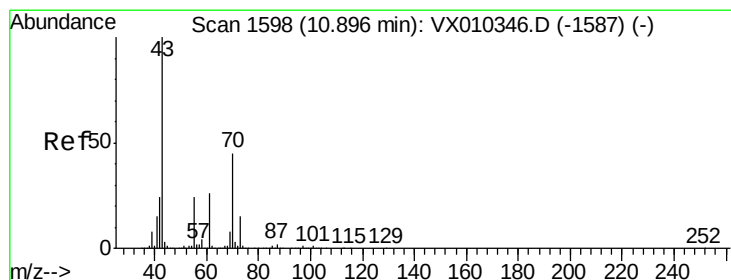
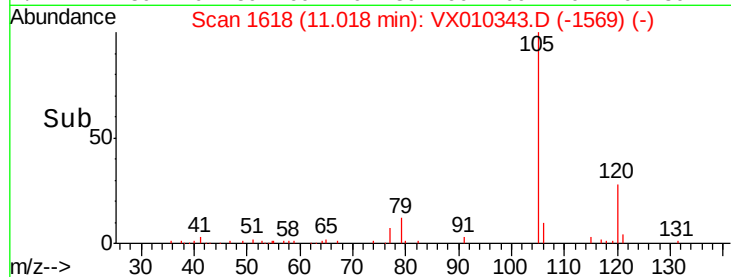
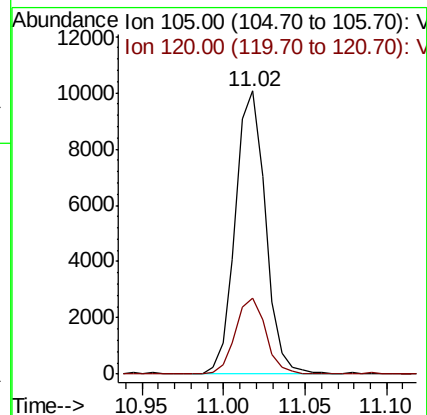
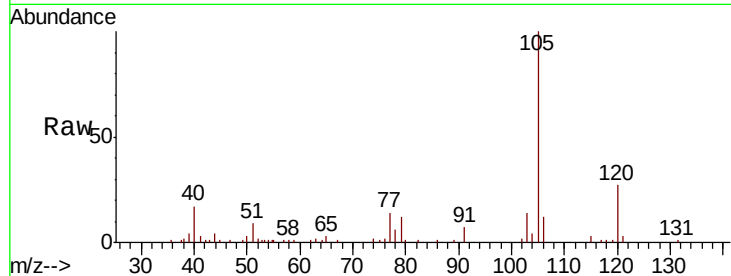
VSTDIC001

Tot Ion:105 Resp: 12959

Ion Ratio Lower Upper

105 100

120 27.1 14.1 42.4



#74

N-ethyl acetate

Concen: 0.795 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Tgt Ion: 43 Resp: 4164

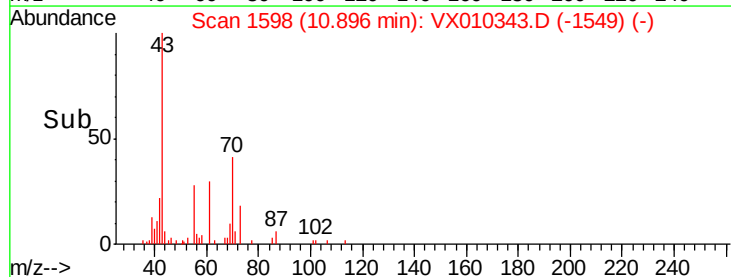
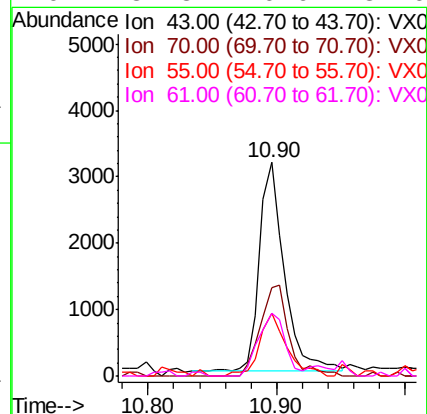
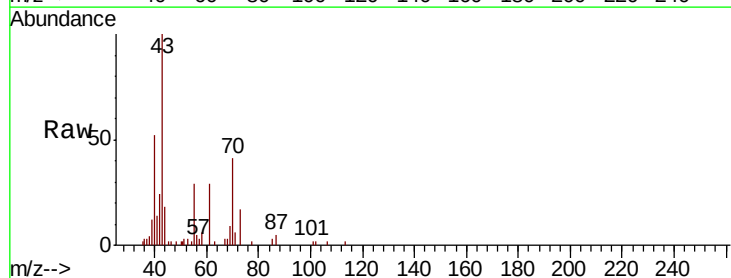
Ion Ratio Lower Upper

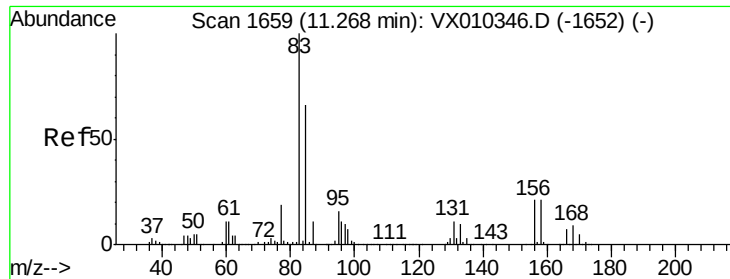
43 100

70 50.1 36.6 54.8

55 32.8 18.7 28.1#

61 32.3 20.6 31.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.969 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

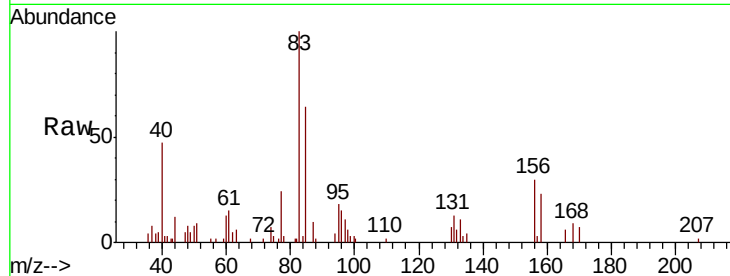
Tot Ion: 83 Resp: 4387

Ion Ratio Lower Upper

83 100

131 11.7 5.5 16.4

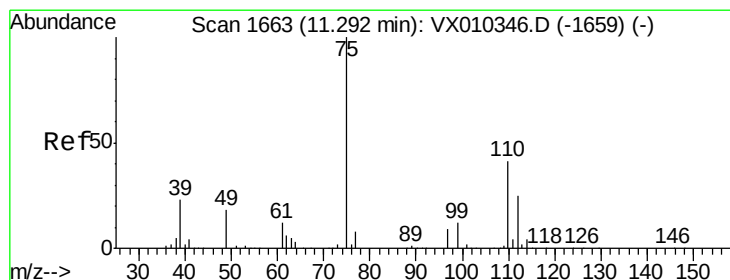
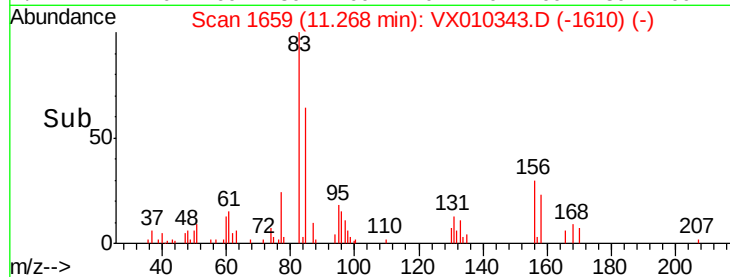
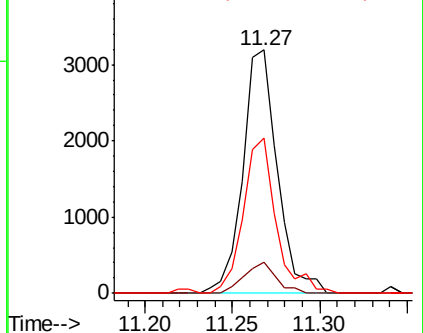
85 60.4 32.3 96.8



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: 1.257 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX010343.D

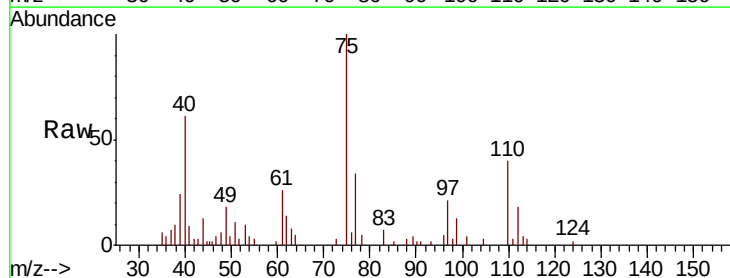
Acq: 19 Jun 2019 12:18

Tgt Ion: 75 Resp: 4748

Ion Ratio Lower Upper

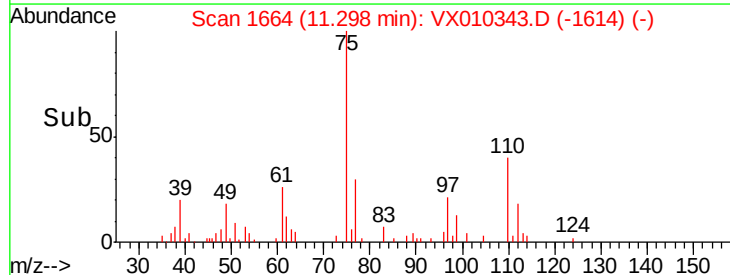
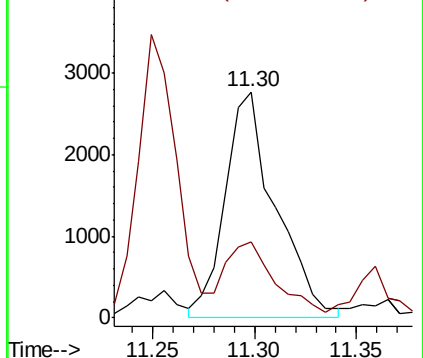
75 100

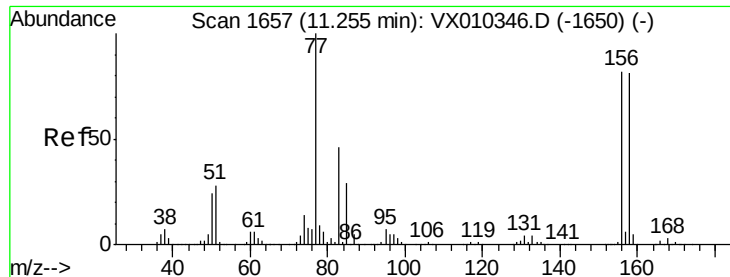
77 33.6 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.080 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

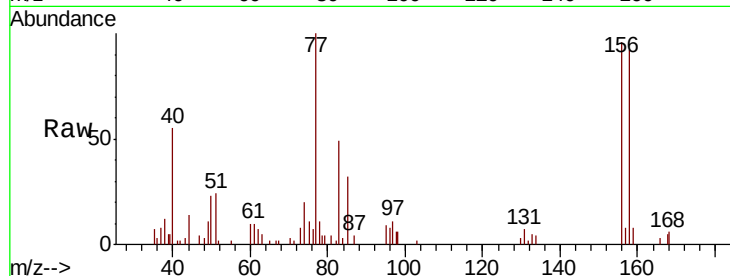
Tot Ion:156 Resp: 3944

Ion Ratio Lower Upper

156 100

77 119.8 66.3 198.7

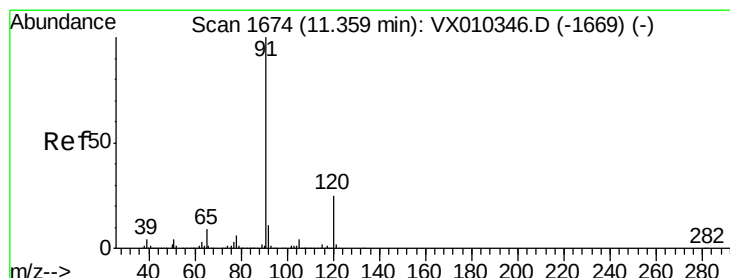
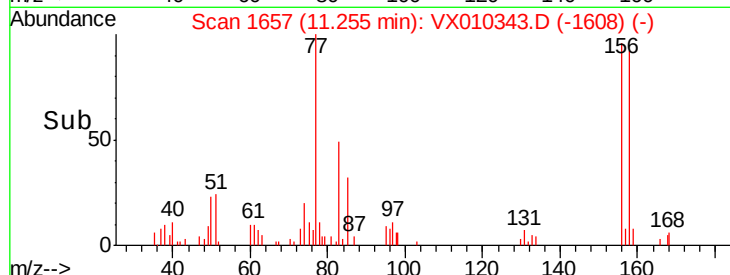
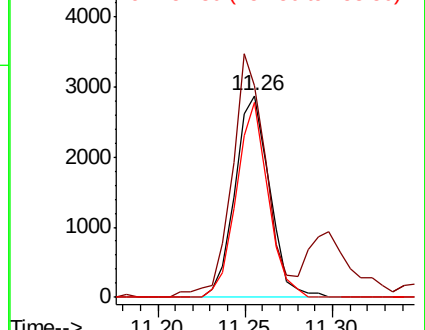
158 89.0 48.9 146.7



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: 0.944 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010343.D

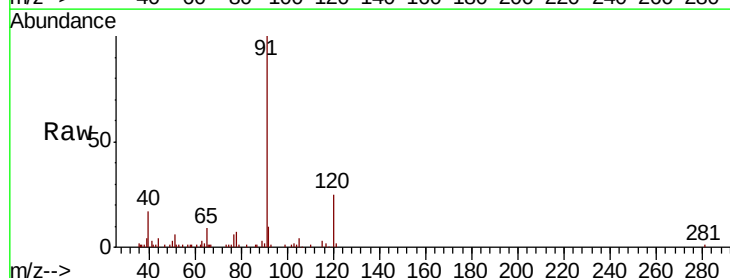
Acq: 19 Jun 2019 12:18

Tgt Ion: 91 Resp: 13929

Ion Ratio Lower Upper

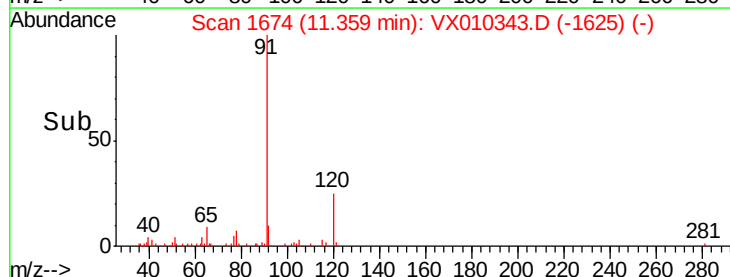
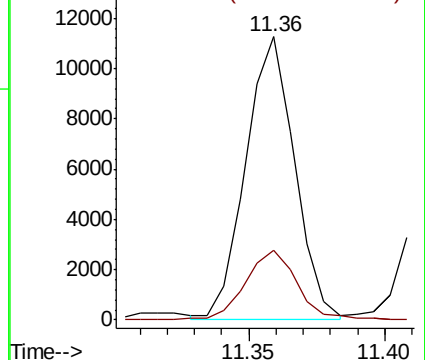
91 100

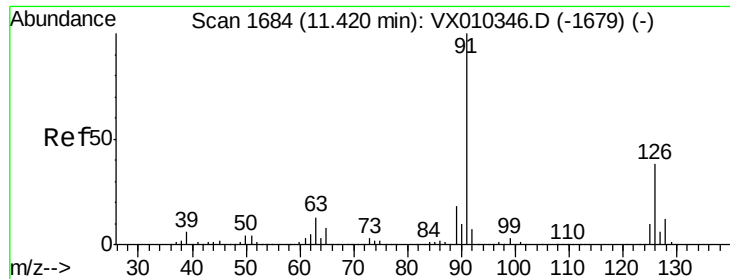
120 26.1 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.984 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

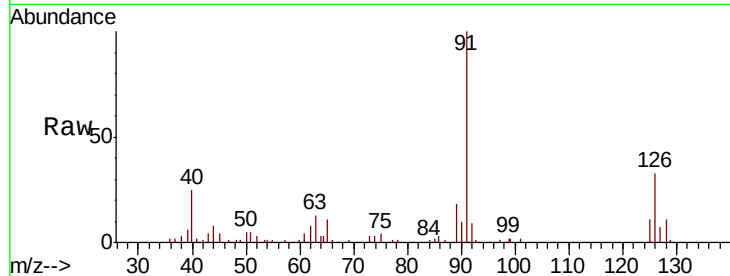
VSTDIC001

Tot Ion: 91 Resp: 8702

Ion Ratio Lower Upper

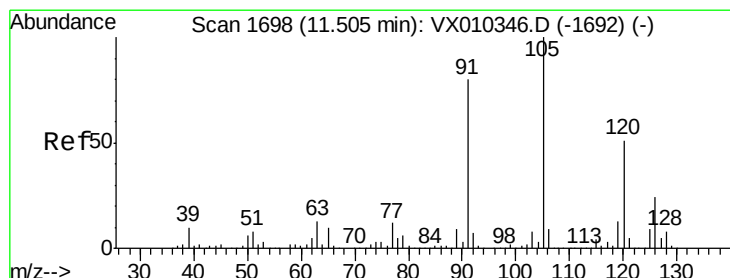
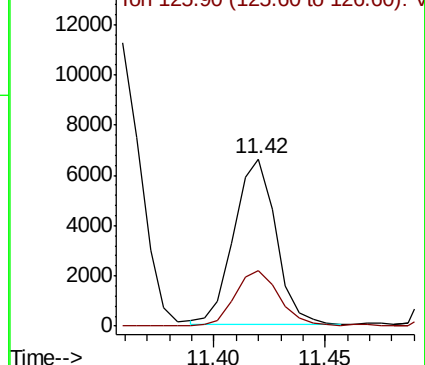
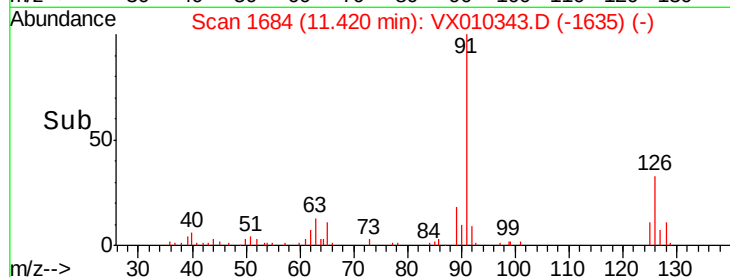
91 100

126 35.1 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX010343.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX010343.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.938 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010343.D

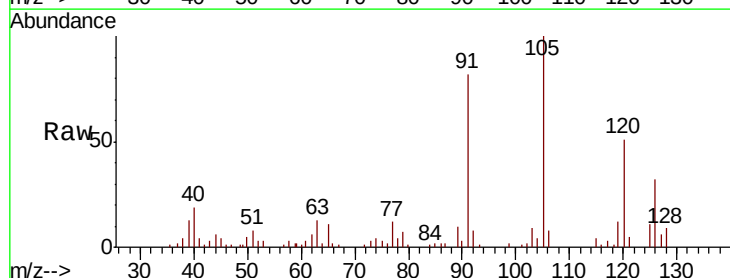
Acq: 19 Jun 2019 12:18

Tgt Ion: 105 Resp: 10492

Ion Ratio Lower Upper

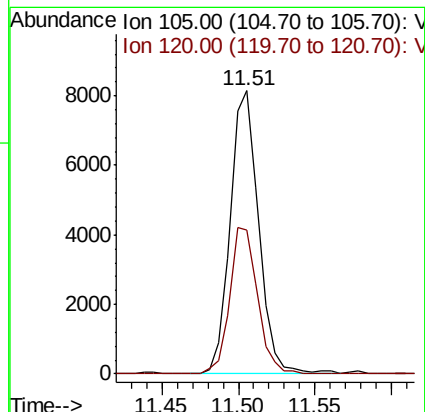
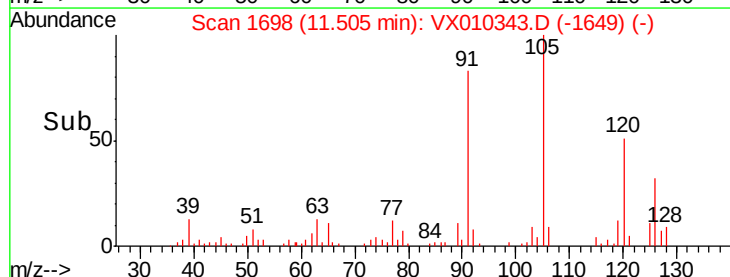
105 100

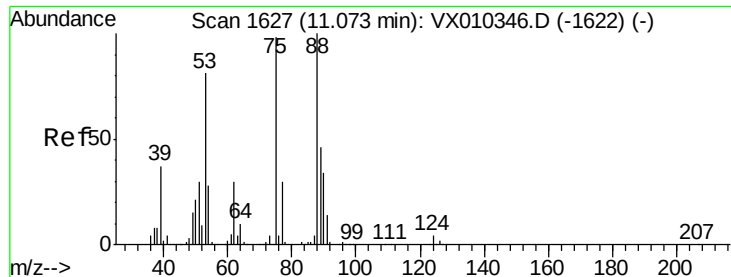
120 50.2 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX010343.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX010343.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 0.764 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

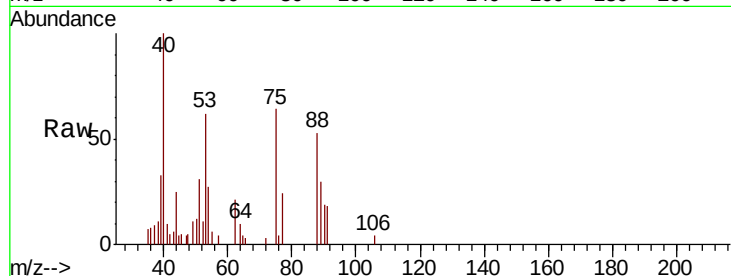
Tot Ion: 75 Resp: 1289

Ion Ratio Lower Upper

75 100

53 105.8 66.1 99.1#

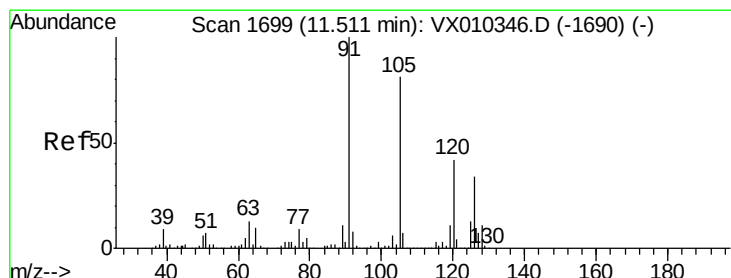
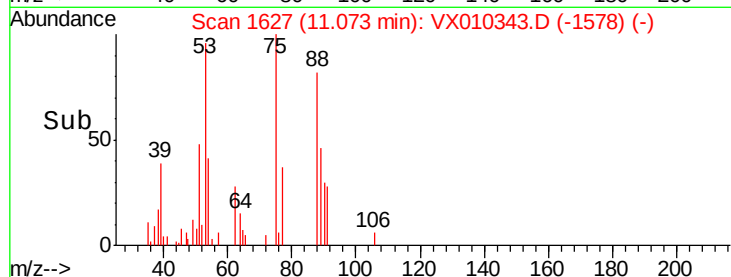
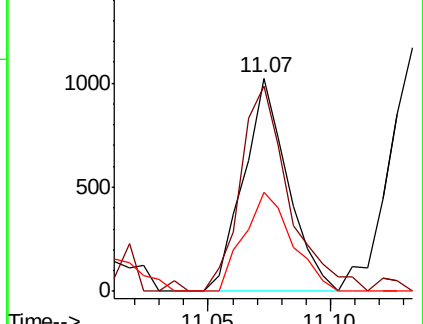
89 50.8 37.8 56.6



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: 0.938 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX010343.D

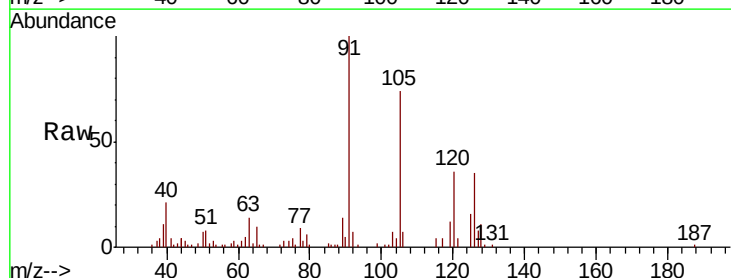
Acq: 19 Jun 2019 12:18

Tgt Ion: 91 Resp: 9419

Ion Ratio Lower Upper

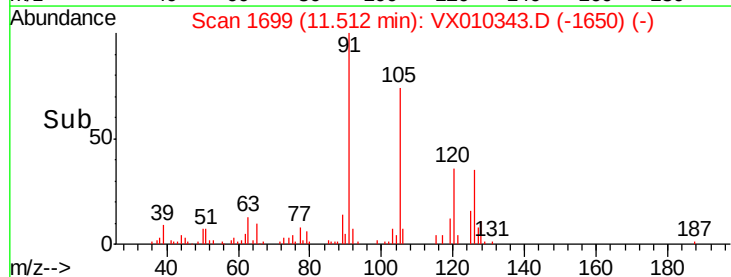
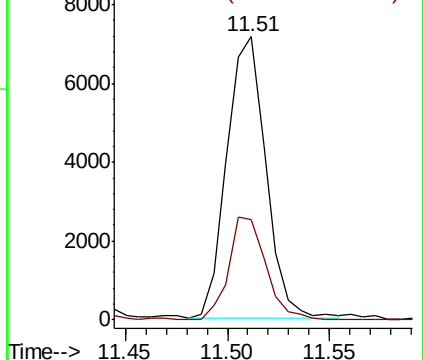
91 100

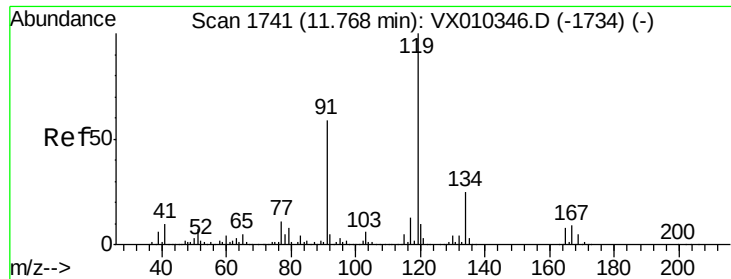
126 34.8 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

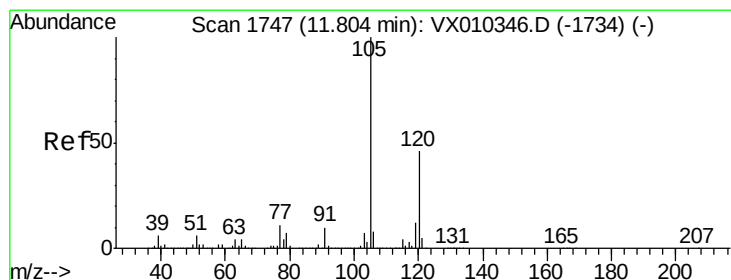
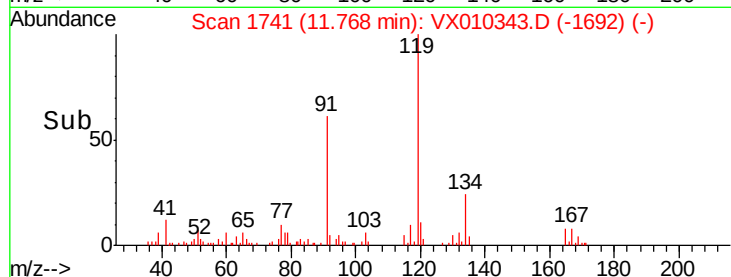
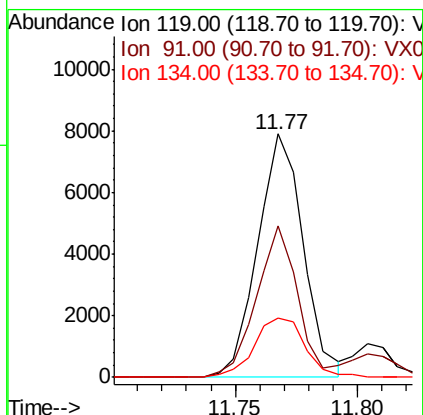
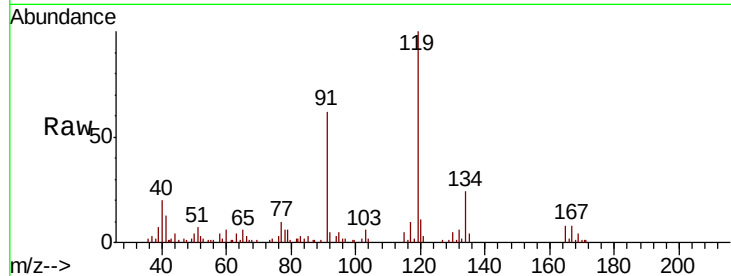




#83
 tert-Butylbenzene
 Concen: 0.912 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

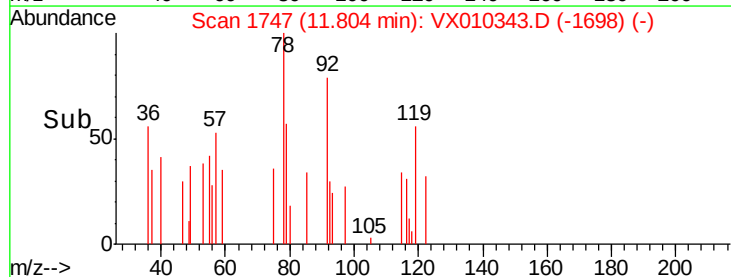
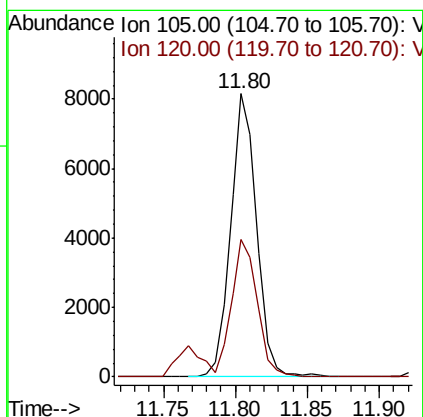
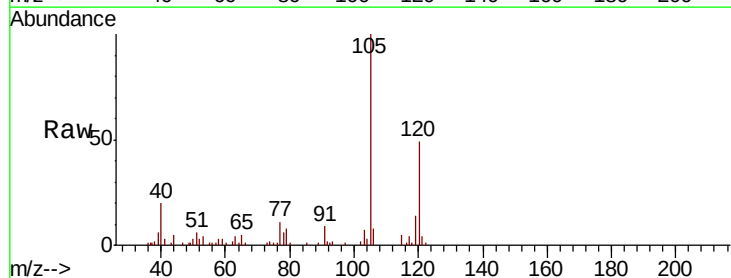
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

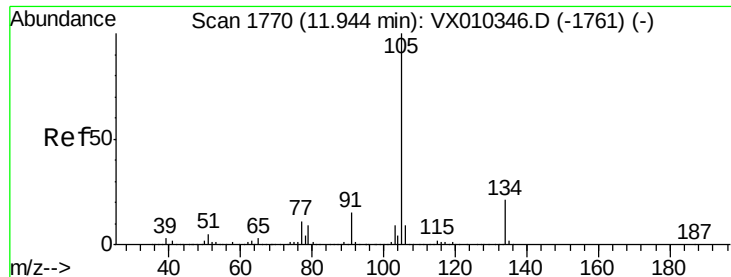
Tot Ion:119 Resp: 10291
 Ion Ratio Lower Upper
 119 100
 91 57.0 27.6 82.7
 134 27.2 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.911 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Tgt Ion:105 Resp: 10287
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 0.925 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampled :

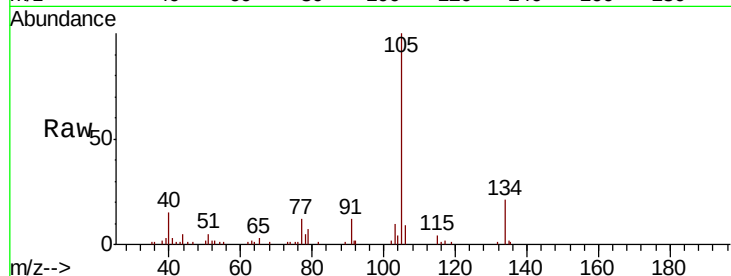
VSTDIC001

Tot Ion:105 Resp: 12181

Ion Ratio Lower Upper

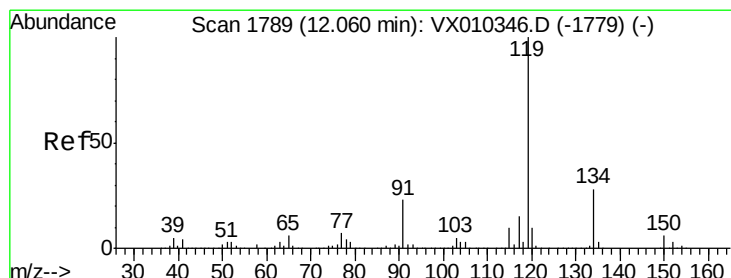
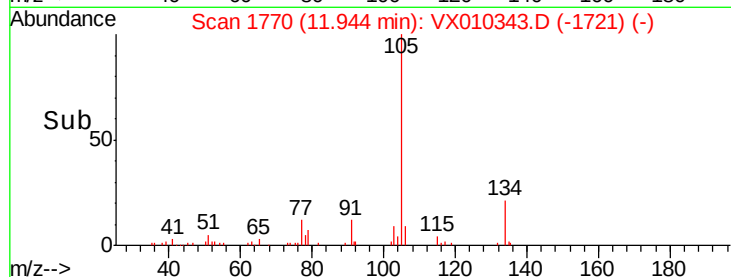
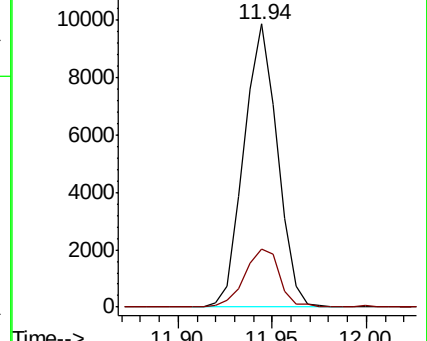
105 100

134 21.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.947 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

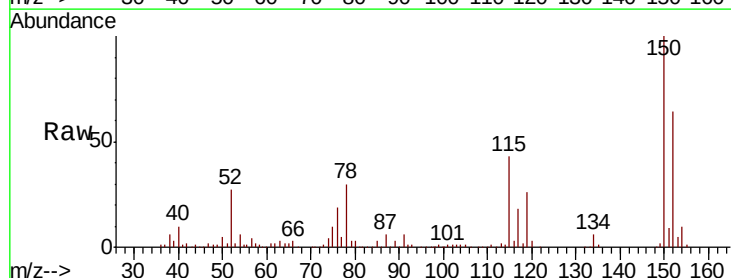
Tgt Ion:119 Resp: 11415

Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.1

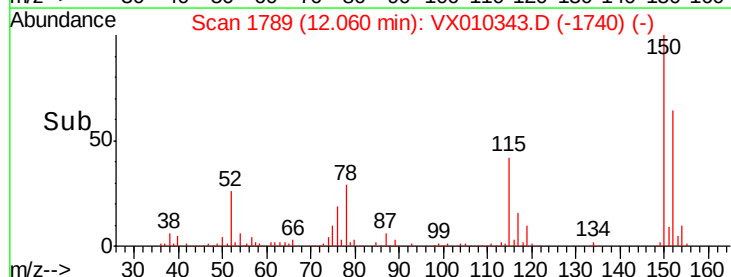
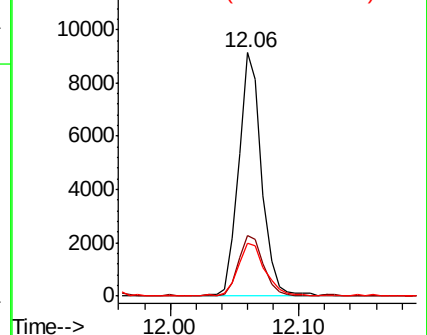
91 25.3 11.3 33.8

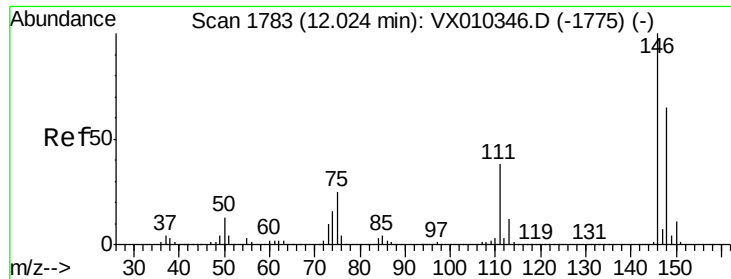


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

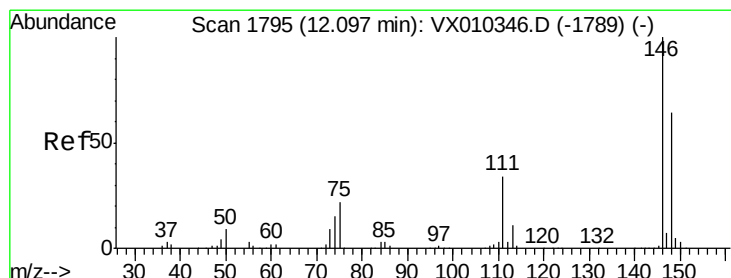
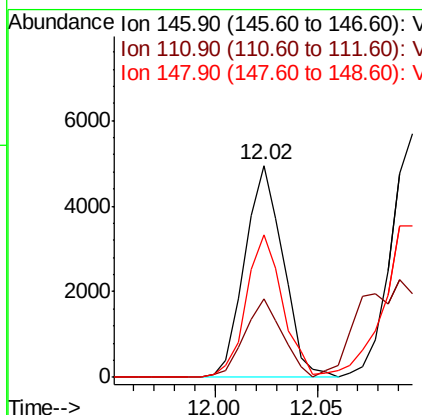
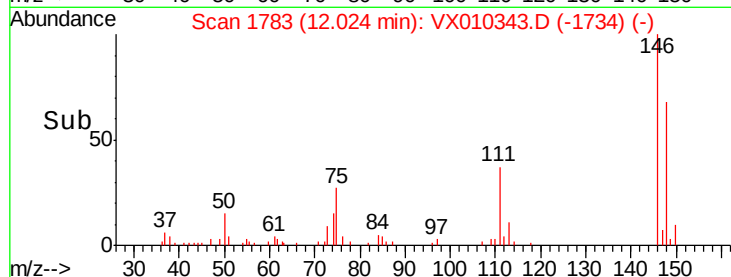
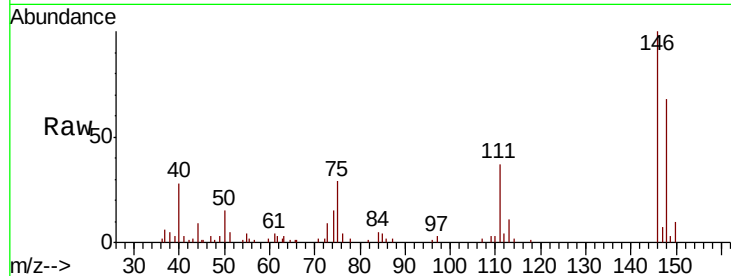




#87
 1,3-Dichlorobenzene
 Concen: 1.007 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

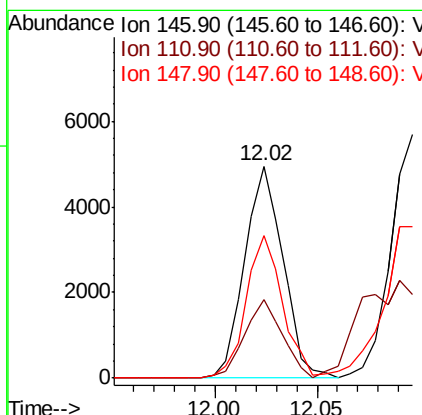
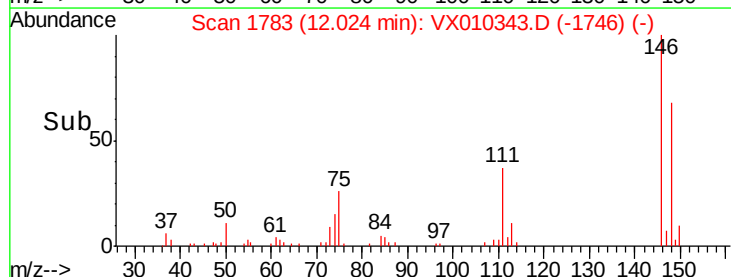
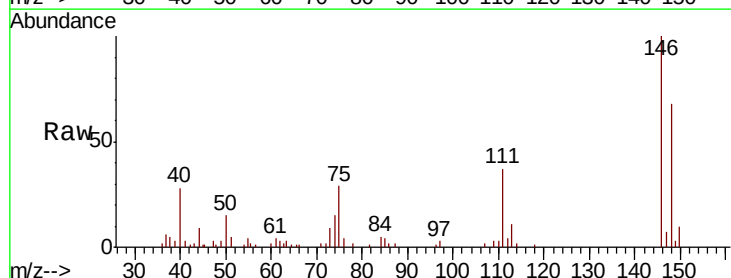
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

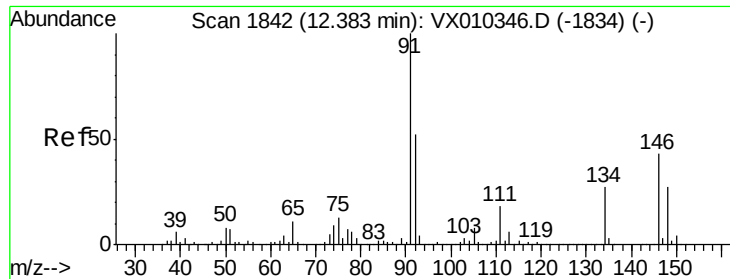
Tot Ion:146 Resp: 6464
 Ion Ratio Lower Upper
 146 100
 111 36.5 19.1 57.1
 148 64.7 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 0.995 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Tgt Ion:146 Resp: 6464
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.1 54.3
 148 64.7 32.1 96.3

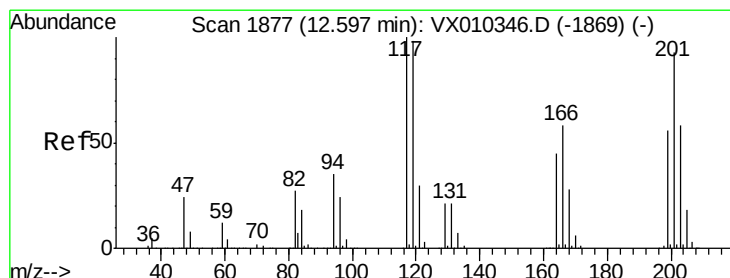
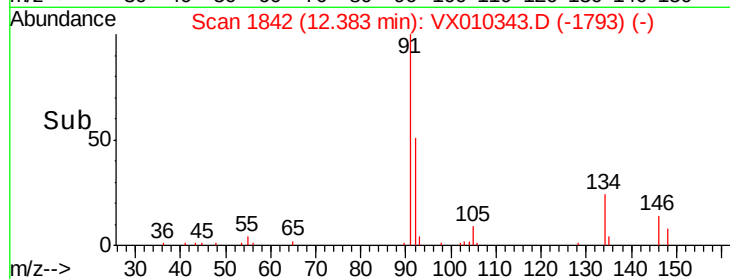
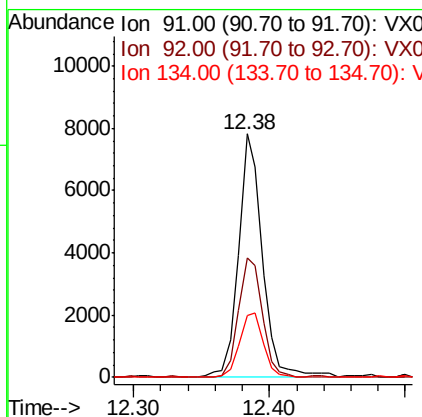
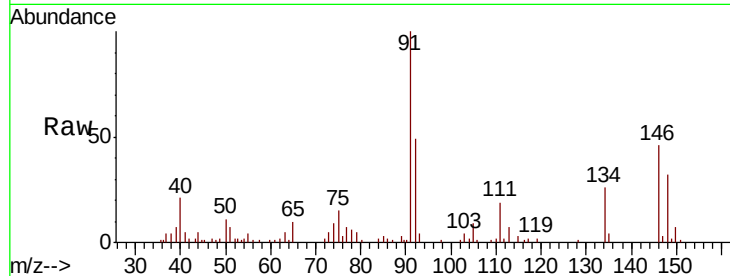




#89
n-Butylbenzene
Concen: 0.919 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

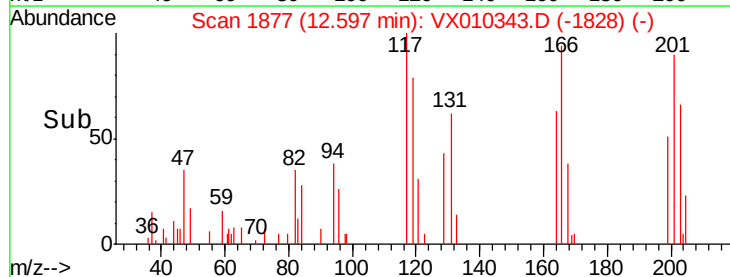
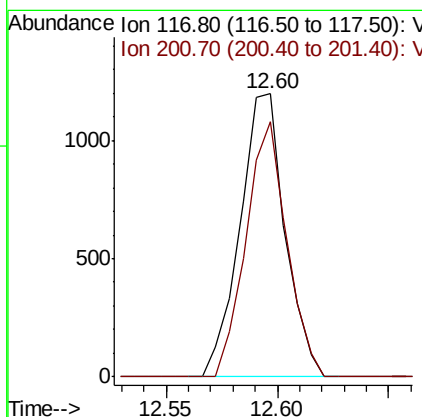
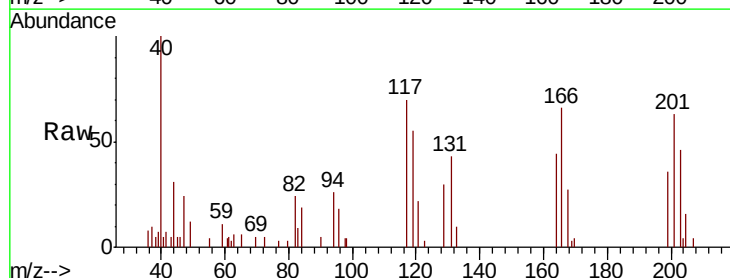
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

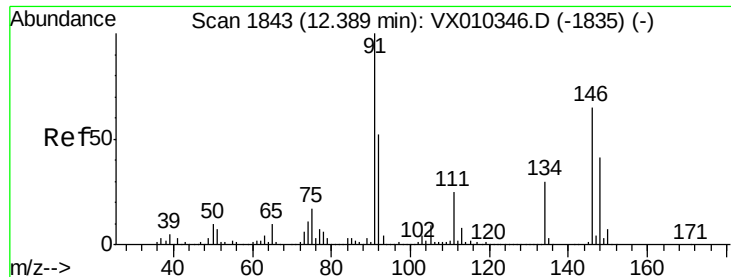
Tot Ion: 91 Resp: 9526
Ion Ratio Lower Upper
91 100
92 48.8 26.2 78.5
134 26.4 14.1 42.4



#90
Hexachloroethane
Concen: 0.715 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion: 117 Resp: 1693
Ion Ratio Lower Upper
117 100
201 81.5 44.0 131.8

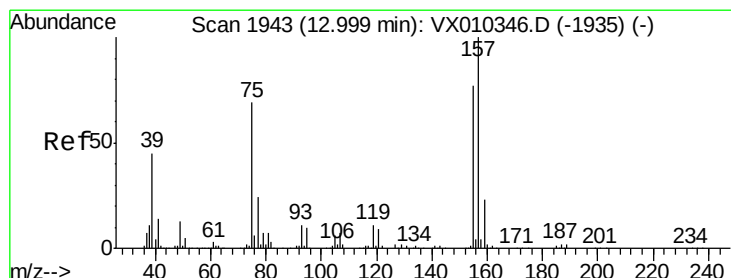
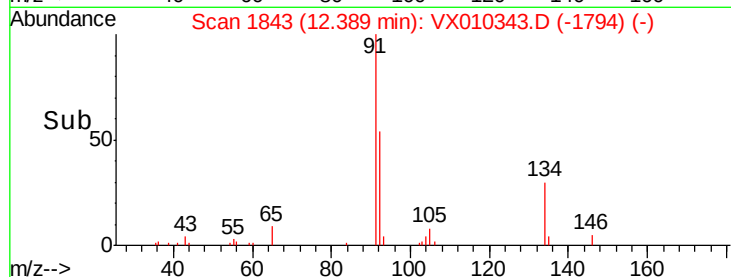
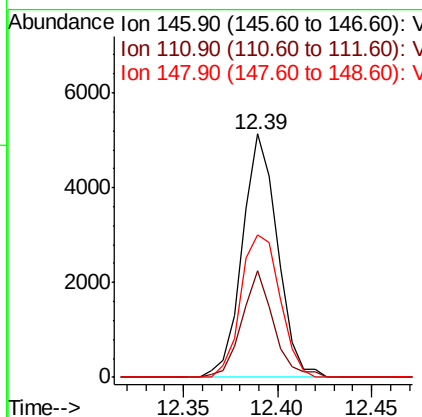
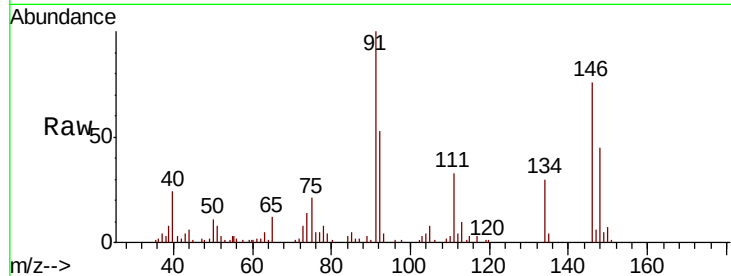




#91
 1,2-Dichlorobenzene
 Concen: 1.058 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

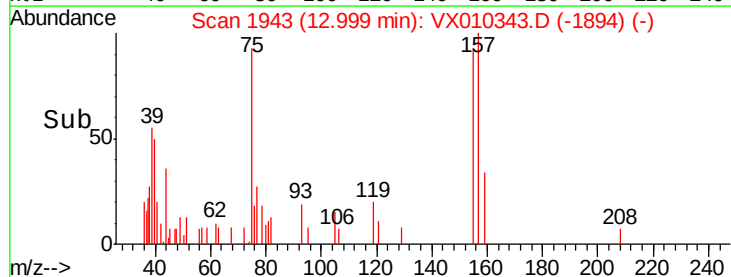
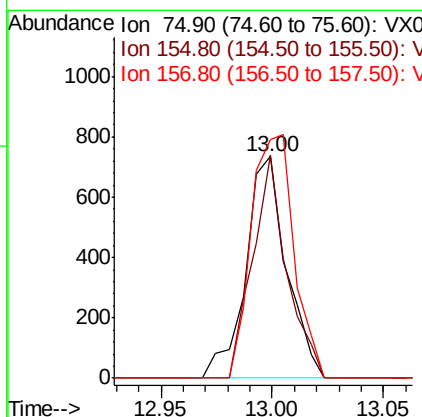
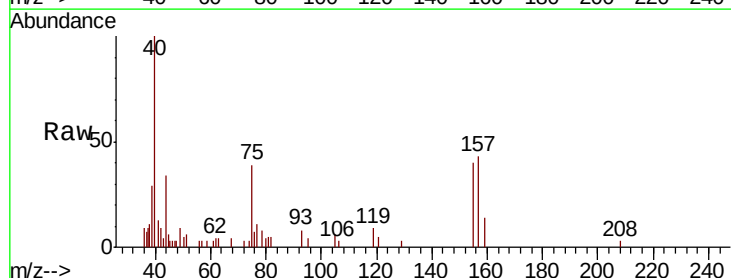
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

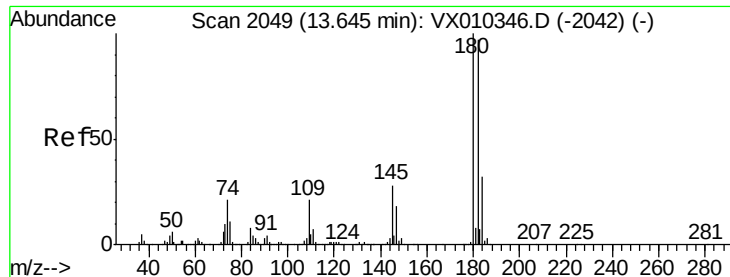
Tot Ion:146 Resp: 6634
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.2 57.6
 148 65.2 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.893 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Tgt Ion: 75 Resp: 939
 Ion Ratio Lower Upper
 75 100
 155 84.5 54.4 163.1
 157 115.5 69.5 208.3





#93

1,2,4-Trichlorobenzene

Concen: 0.972 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

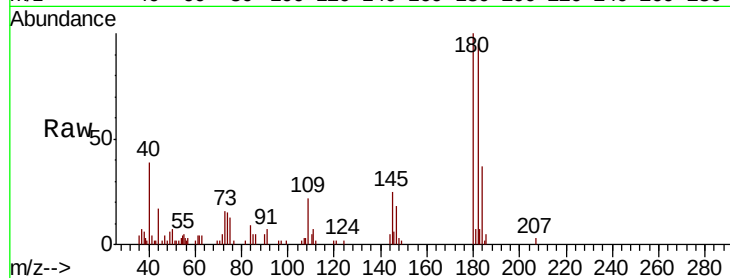
Tot Ion:180 Resp: 4455

Ion Ratio Lower Upper

180 100

182 92.3 48.0 144.0

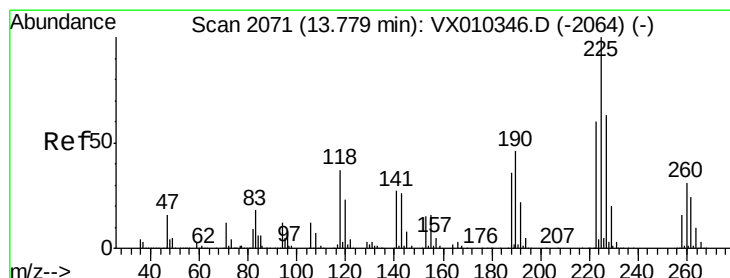
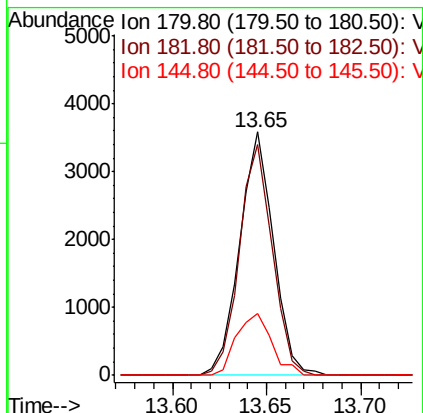
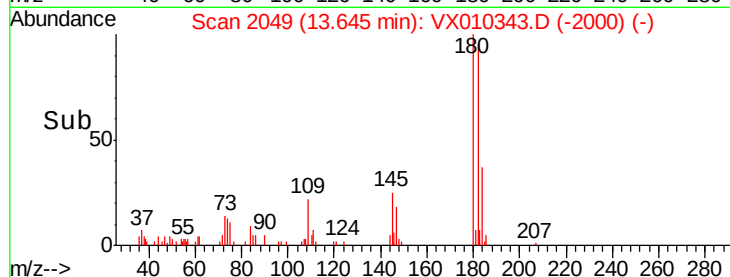
145 26.6 14.4 43.4



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: 1.115 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

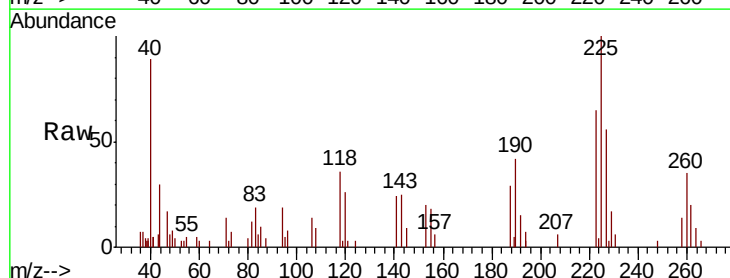
Tgt Ion:225 Resp: 2307

Ion Ratio Lower Upper

225 100

223 62.9 30.9 92.7

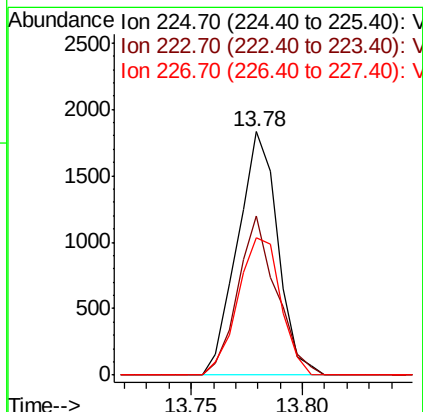
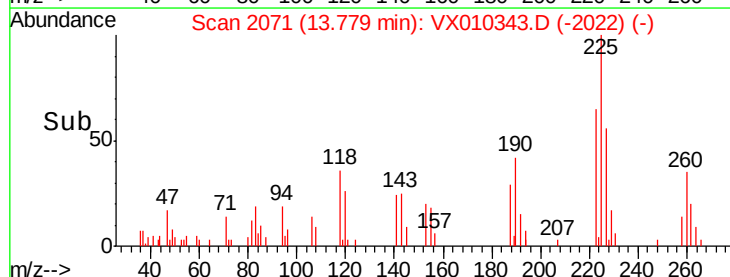
227 60.2 31.9 95.5

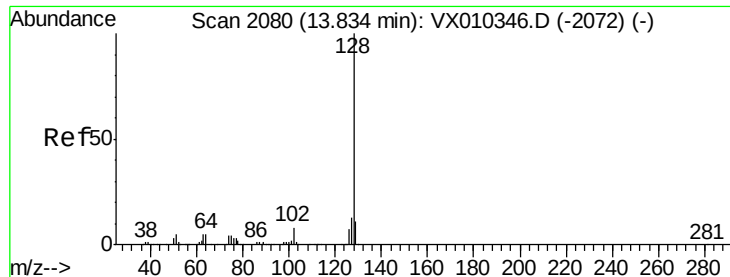


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.861 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

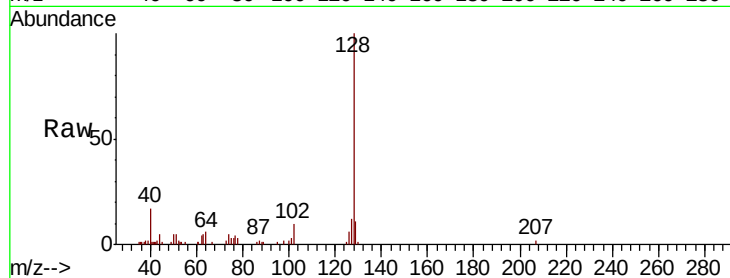
Tot Ion:128 Resp: 12371

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

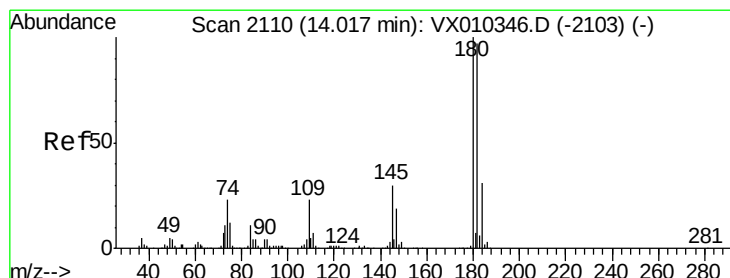
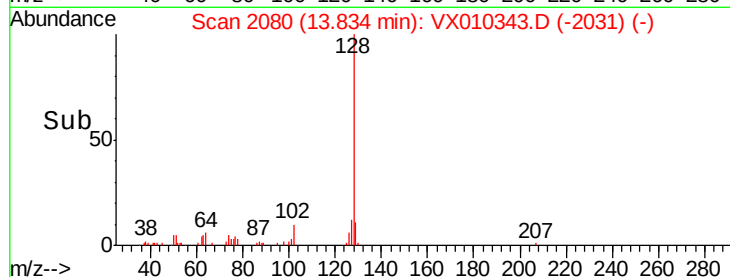
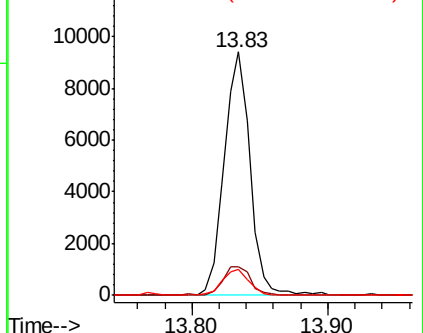
129 11.0 8.9 13.3



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: 0.898 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

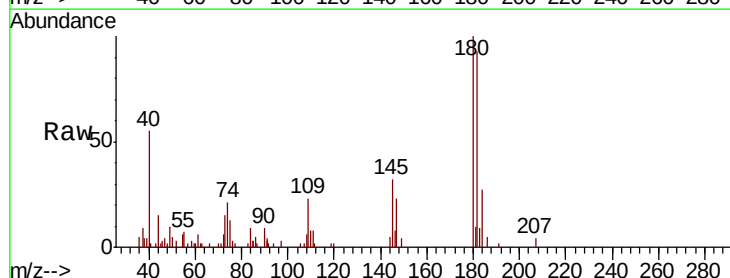
Tgt Ion:180 Resp: 4077

Ion Ratio Lower Upper

180 100

182 96.7 47.8 143.3

145 31.8 15.2 45.6



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

