

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061719\
 Data File : VX010325.D
 Acq On : 17 Jun 2019 15:35
 Operator : JC/SP
 Sample : VX0617MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617MBS01

Quant Time: Jun 17 15:55:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	296095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	438457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	391834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204632	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	148409	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
35) Dibromofluoromethane	5.50	113	145964	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
50) Toluene-d8	8.71	98	538616	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
62) 4-Bromofluorobenzene	11.13	95	195630	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	47593	17.469 ug/l	96
3) Chloromethane	1.33	50	42583	15.738 ug/l	98
4) Vinyl Chloride	1.41	62	42758	16.814 ug/l	98
5) Bromomethane	1.64	94	22975	23.942 ug/l	96
6) Chloroethane	1.72	64	25343	19.766 ug/l	99
7) Trichlorofluoromethane	1.93	101	70433	18.646 ug/l	98
8) Diethyl Ether	2.19	74	24107	18.516 ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43550	16.725 ug/l	92
10) Methyl Iodide	2.51	142	51674	12.808 ug/l	97
11) Tert butyl alcohol	3.04	59	66805	94.354 ug/l	97
12) 1,1-Dichloroethene	2.37	96	41849	15.735 ug/l	80
13) Acrolein	2.29	56	8296	64.260 ug/l	96
14) Allyl chloride	2.73	41	61946	15.430 ug/l #	85
15) Acrylonitrile	3.14	53	123515	85.348 ug/l	99
16) Acetone	2.44	43	120882	88.924 ug/l	90
17) Carbon Disulfide	2.57	76	100096	13.025 ug/l	99
18) Methyl Acetate	2.78	43	54653	18.281 ug/l #	84
19) Methyl tert-butyl Ether	3.20	73	140744	16.472 ug/l	95
20) Methylene Chloride	2.85	84	49110	16.450 ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	44595	15.152 ug/l #	77
22) Diisopropyl ether	3.85	45	131318	17.109 ug/l #	94
23) Vinyl Acetate	3.81	43	571302	83.433 ug/l #	88
24) 1,1-Dichloroethane	3.70	63	76336	16.380 ug/l	97
25) 2-Butanone	4.67	43	177612	87.742 ug/l #	86
26) 2,2-Dichloropropane	4.59	77	67391	15.851 ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	53821	16.438 ug/l	79
28) Bromochloromethane	5.02	49	37355	17.885 ug/l #	49
29) Tetrahydrofuran	5.13	42	106862	84.001 ug/l #	76
30) Chloroform	5.21	83	80157	16.562 ug/l	99
31) Cyclohexane	5.58	56	66207	15.741 ug/l #	76
32) 1,1,1-Trichloroethane	5.49	97	71885	15.799 ug/l	94
36) 1,1-Dichloropropene	5.80	75	56034	15.664 ug/l	92
37) Ethyl Acetate	4.83	43	61020	16.395 ug/l #	89
38) Carbon Tetrachloride	5.79	117	63571	15.701 ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	73681	15.127	ug/l #	85
40) Benzene	6.14	78	180334	16.303	ug/l	99
41) Methacrylonitrile	5.05	41	33449	16.614	ug/l #	82
42) 1,2-Dichloroethane	6.20	62	57612	16.315	ug/l	94
43) Isopropyl Acetate	6.45	43	103203	16.584	ug/l #	90
44) Trichloroethene	7.21	130	52969	15.887	ug/l	90
45) 1,2-Dichloropropane	7.51	63	46659	16.853	ug/l	99
46) Dibromomethane	7.66	93	33281	16.046	ug/l	91
47) Bromodichloromethane	7.90	83	62049	16.010	ug/l #	98
48) Methyl methacrylate	7.77	41	48922	16.810	ug/l #	78
49) 1,4-Dioxane	7.74	88	27636	333.057	ug/l #	82
51) 4-Methyl-2-Pentanone	8.64	43	331384	89.139	ug/l	89
52) Toluene	8.78	92	117096	16.104	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	68701	15.325	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	75052	15.617	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	51463	17.282	ug/l	98
56) Ethyl methacrylate	9.18	69	76861	16.340	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	77454	16.521	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	210228	94.803	ug/l #	86
59) 2-Hexanone	9.49	43	265569	89.595	ug/l	90
60) Dibromochloromethane	9.58	129	55520	15.763	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53041	15.993	ug/l	97
64) Tetrachloroethene	9.34	164	50439	17.332	ug/l	96
65) Chlorobenzene	10.13	112	135536	16.759	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	51627	16.600	ug/l	99
67) Ethyl Benzene	10.25	91	229072	16.639	ug/l	95
68) m/p-Xylenes	10.36	106	178261	33.461	ug/l	90
69) o-Xylene	10.69	106	89870	16.970	ug/l	87
70) Styrene	10.71	104	149361	16.653	ug/l	94
71) Bromoform	10.85	173	44931	15.715	ug/l #	97
73) Isopropylbenzene	11.02	105	234836	16.440	ug/l	97
74) N-amyl acetate	10.90	43	93080	16.484	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	79760	16.312	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	87592	21.400	ug/l	83
77) Bromobenzene	11.25	156	64864	16.512	ug/l	79
78) n-propylbenzene	11.36	91	256503	16.129	ug/l	94
79) 2-Chlorotoluene	11.42	91	151357	15.847	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	194971	16.205	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	26343	14.220	ug/l	86
82) 4-Chlorotoluene	11.51	91	173567	15.997	ug/l	90
83) tert-Butylbenzene	11.77	119	196217	16.113	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	196658	16.182	ug/l	96
85) sec-Butylbenzene	11.94	105	234089	16.500	ug/l	95
86) p-Isopropyltoluene	12.06	119	213975	16.498	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	114042	16.482	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	113106	16.216	ug/l	98
89) n-Butylbenzene	12.38	91	184308	16.509	ug/l	96
90) Hexachloroethane	12.59	117	37594	14.551	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	114698	17.051	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18085	15.717	ug/l	67

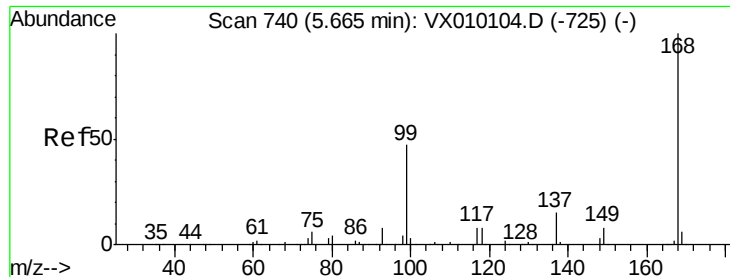
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061719\
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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	83217	16.901	ug/l	99
94) Hexachlorobutadiene	13.78	225	38901	17.764	ug/l	99
95) Naphthalene	13.83	128	265376	17.121	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	84829	17.424	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

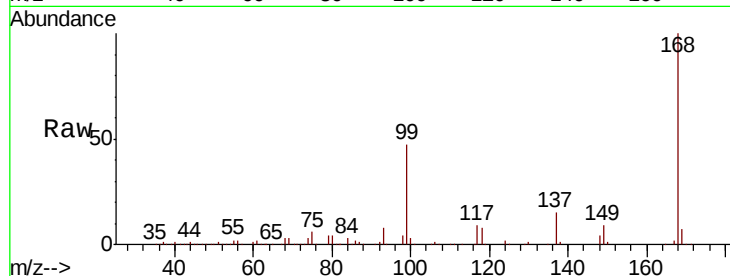
VX0617MBS01

Tgt Ion:168 Resp: 296095

Ion Ratio Lower Upper

168 100

99 46.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

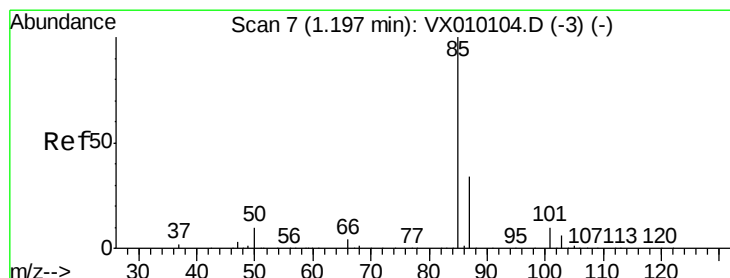
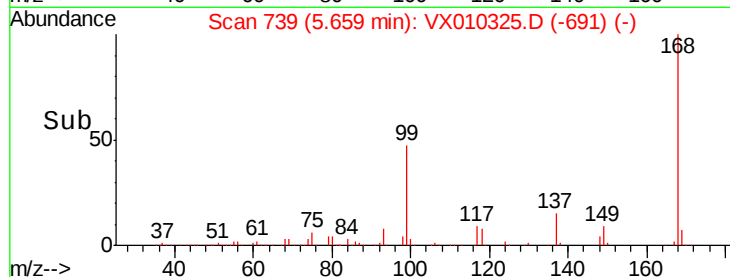
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.469 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010325.D

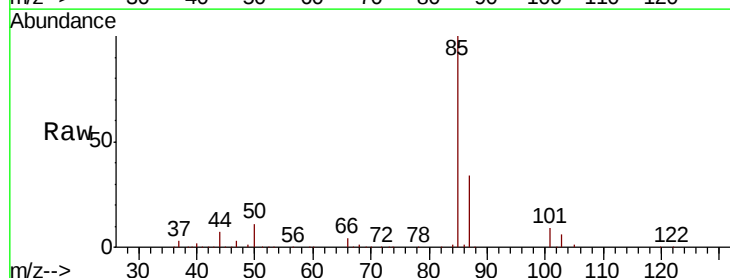
Acq: 17 Jun 2019 15:35

Tgt Ion: 85 Resp: 47593

Ion Ratio Lower Upper

85 100

87 34.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

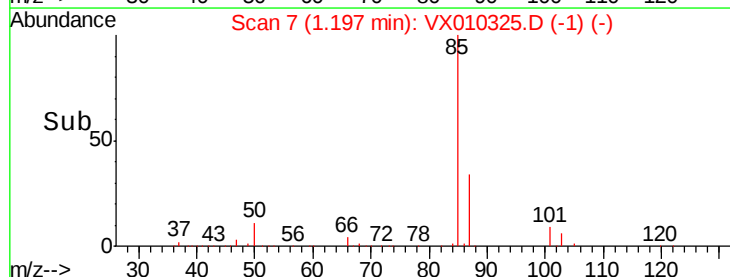
30000

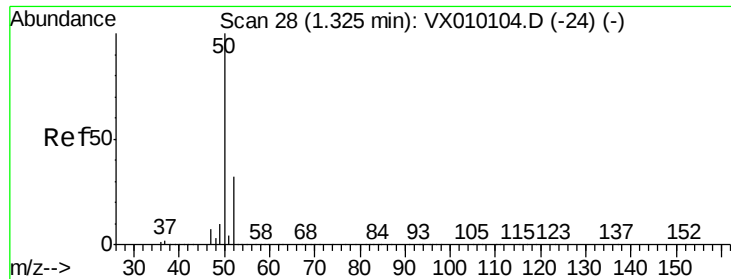
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 15.738 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

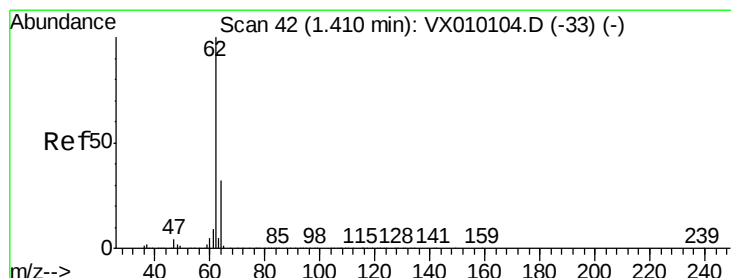
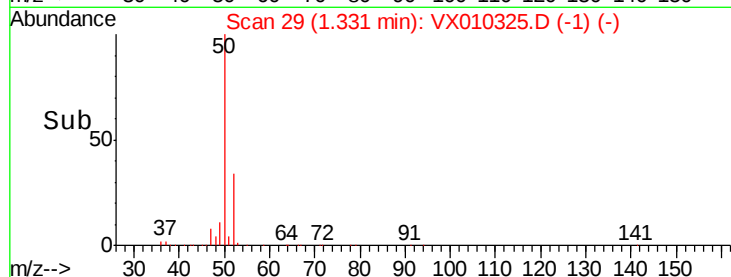
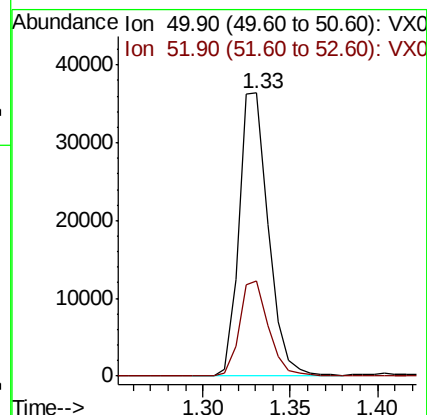
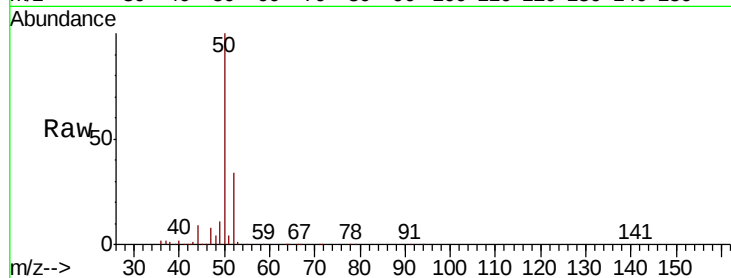
VX0617MBS01

Tgt Ion: 50 Resp: 42583

Ion Ratio Lower Upper

50 100

52 33.5 26.0 39.0



#4

Vinyl Chloride

Concen: 16.814 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010325.D

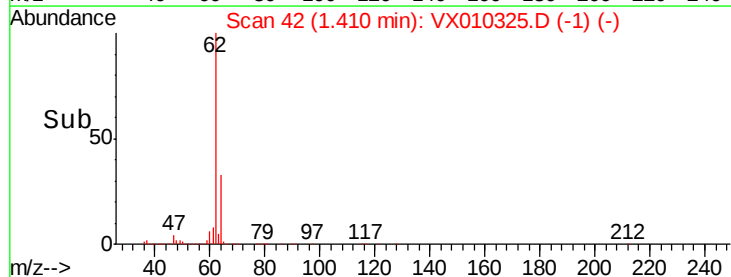
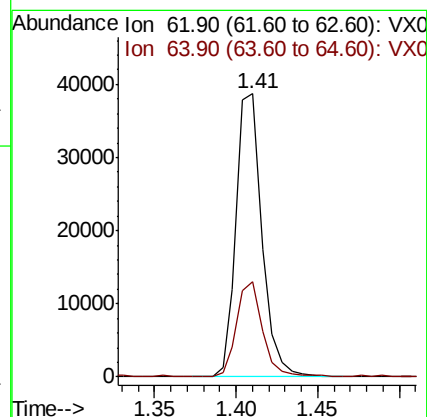
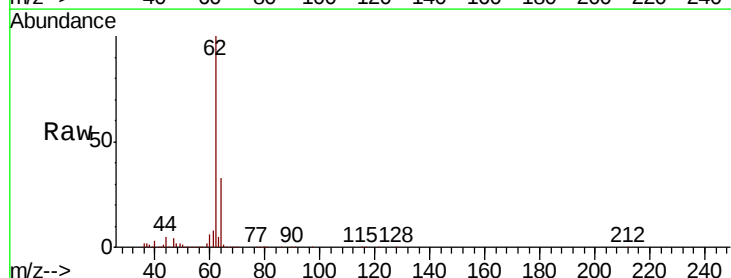
Acq: 17 Jun 2019 15:35

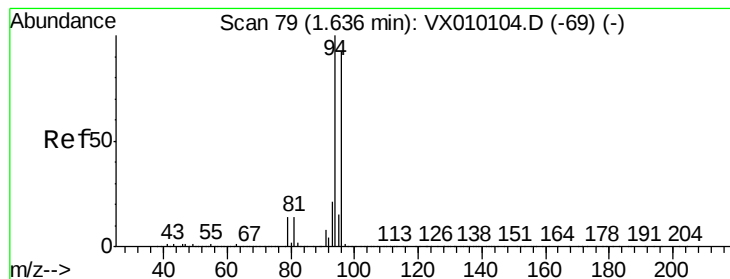
Tgt Ion: 62 Resp: 42758

Ion Ratio Lower Upper

62 100

64 33.3 25.7 38.5





#5

Bromomethane

Concen: 23.942 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

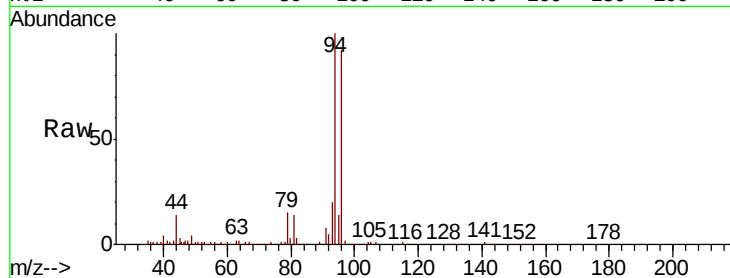
VX0617MBS01

Tgt Ion: 94 Resp: 22975

Ion Ratio Lower Upper

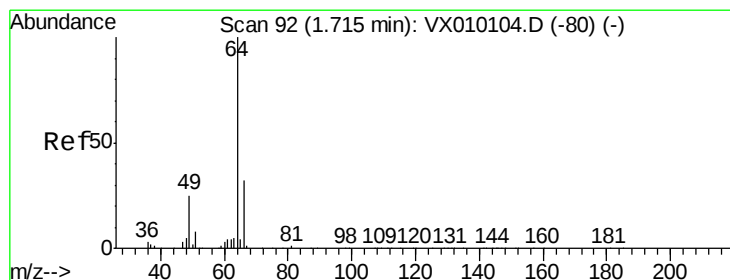
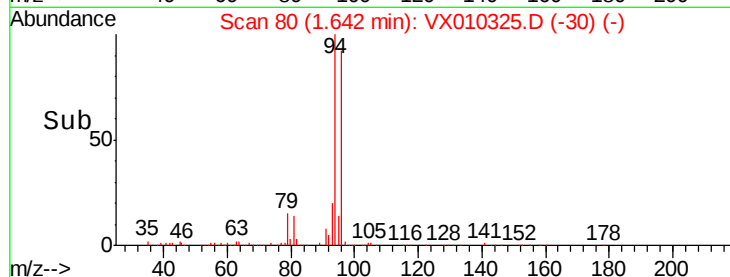
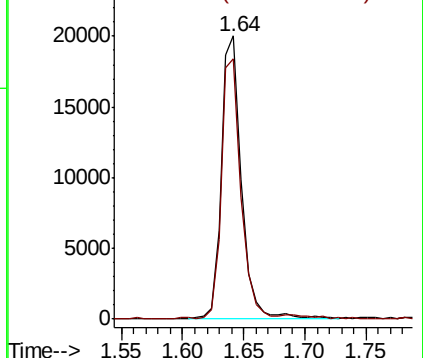
94 100

96 91.8 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.766 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010325.D

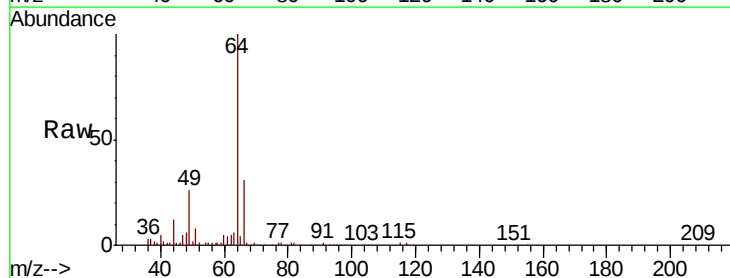
Acq: 17 Jun 2019 15:35

Tgt Ion: 64 Resp: 25343

Ion Ratio Lower Upper

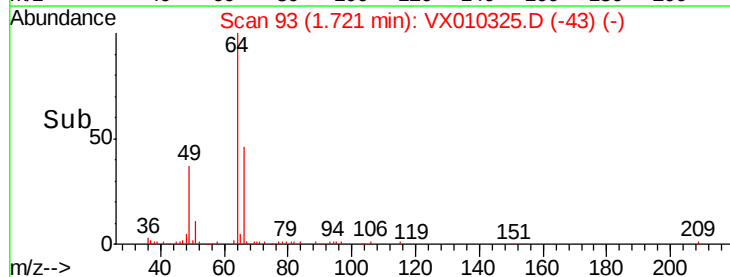
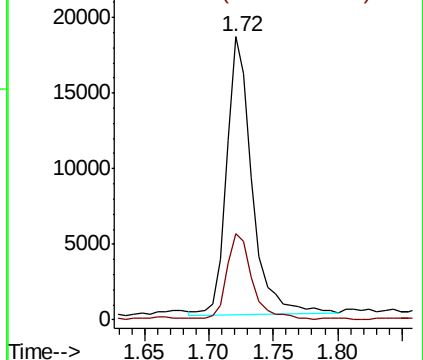
64 100

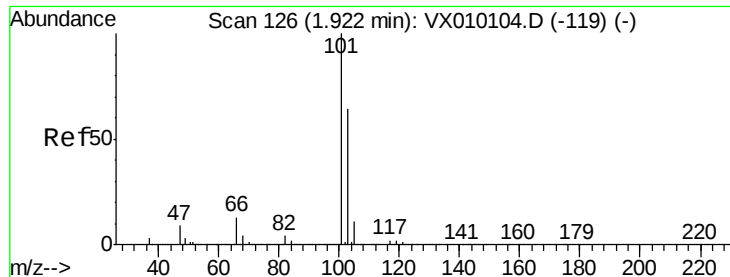
66 31.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



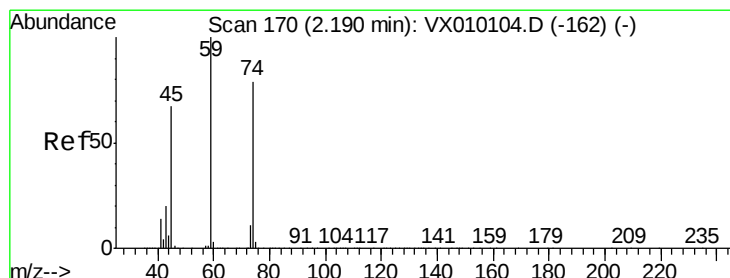
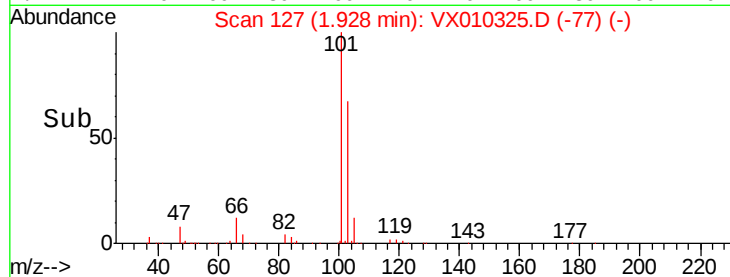
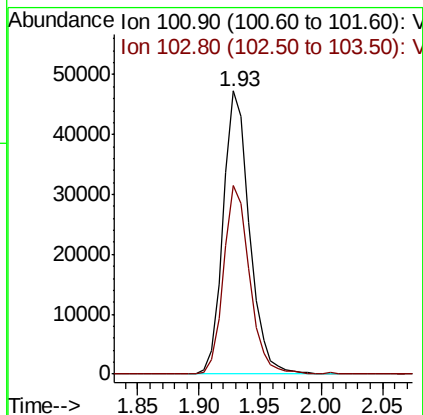
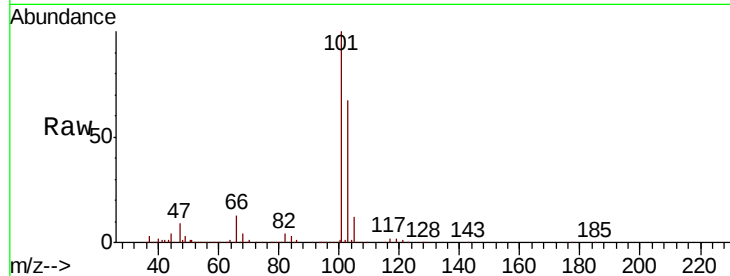


#7

Trichlorofluoromethane
Concen: 18.646 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
VX0617MBS01

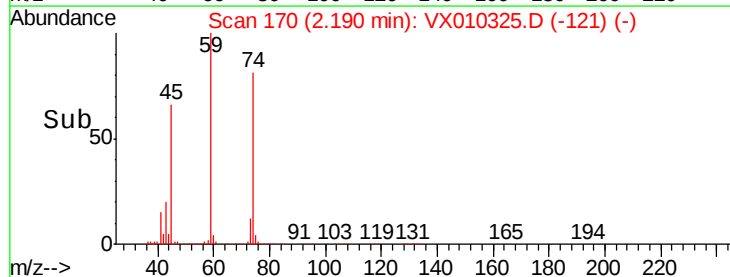
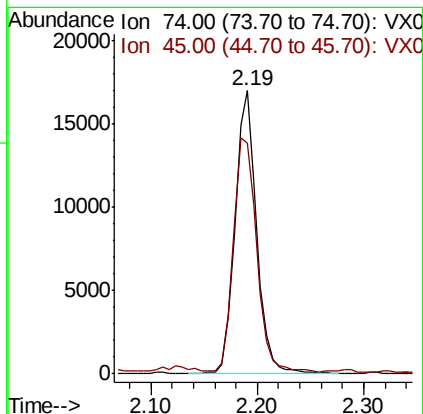
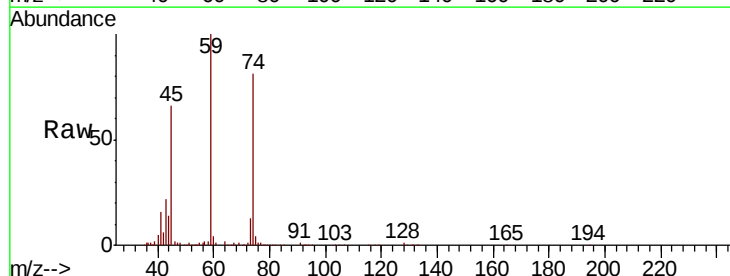
Tgt Ion:101 Resp: 70433
Ion Ratio Lower Upper
101 100
103 66.7 52.2 78.4

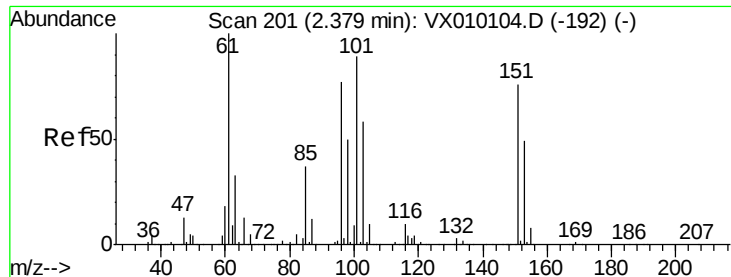


#8

Diethyl Ether
Concen: 18.516 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

Tgt Ion: 74 Resp: 24107
Ion Ratio Lower Upper
74 100
45 89.8 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.725 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

VX0617MBS01

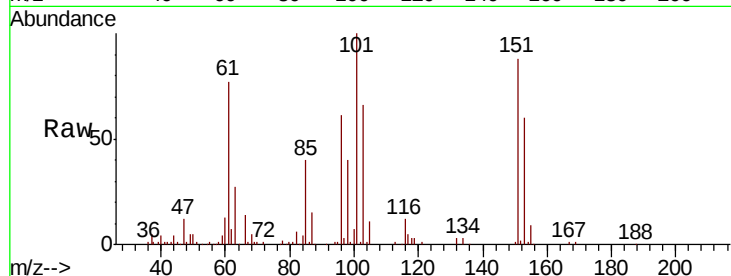
Tgt Ion:101 Resp: 43550

Ion Ratio Lower Upper

101 100

85 42.2 35.2 52.8

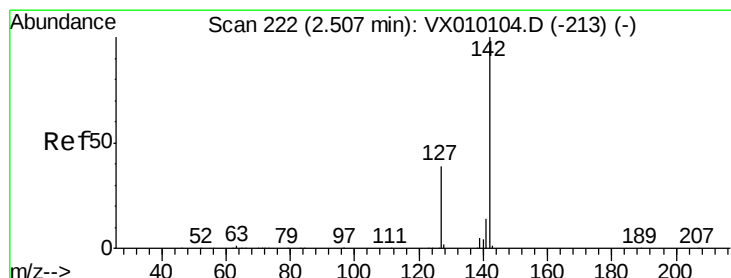
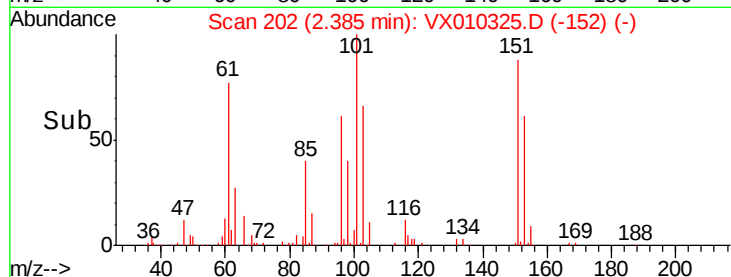
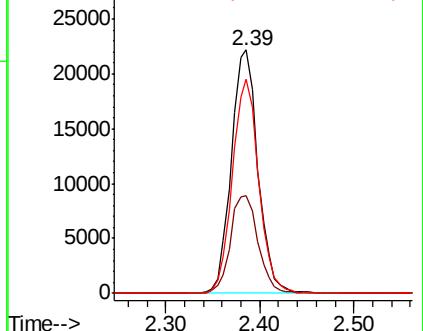
151 86.8 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.808 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

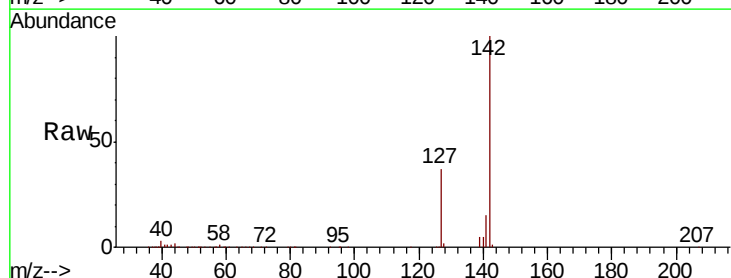
Tgt Ion:142 Resp: 51674

Ion Ratio Lower Upper

142 100

127 38.8 33.0 49.4

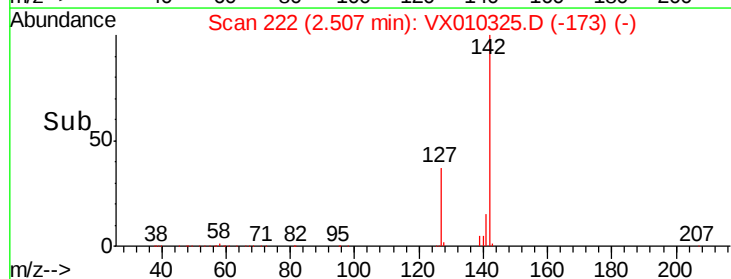
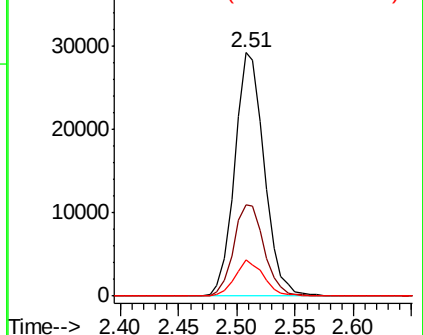
141 14.4 11.4 17.0

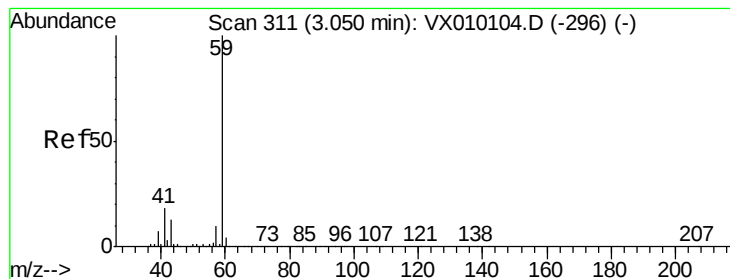


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 94.354 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

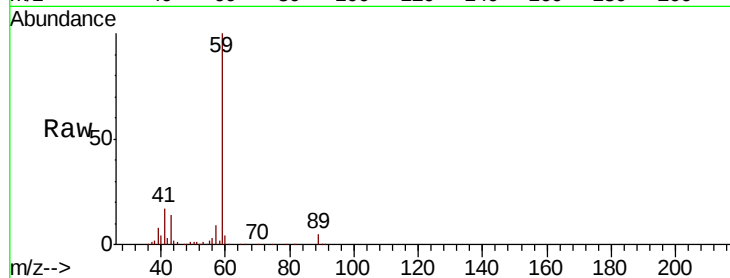
VX0617MBS01

Tgt Ion: 59 Resp: 66805

Ion Ratio Lower Upper

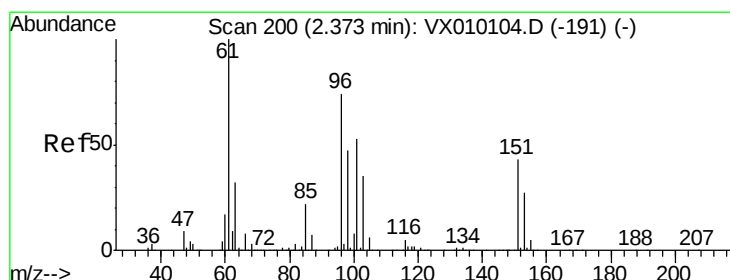
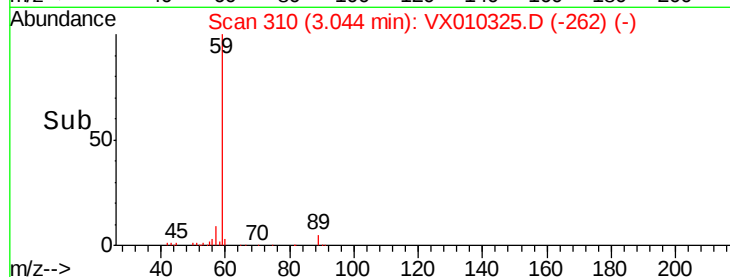
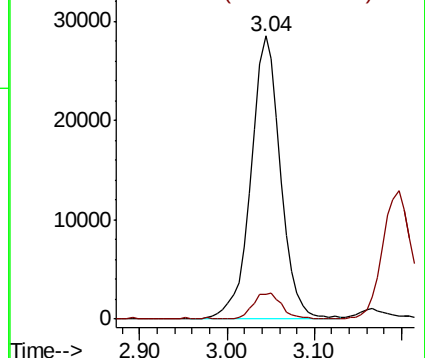
59 100

57 9.1 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 15.735 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

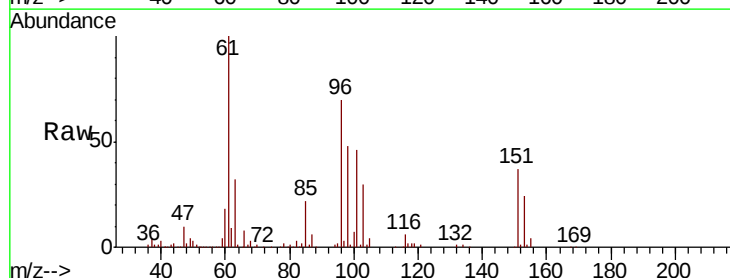
Tgt Ion: 96 Resp: 41849

Ion Ratio Lower Upper

96 100

61 142.1 140.7 211.1

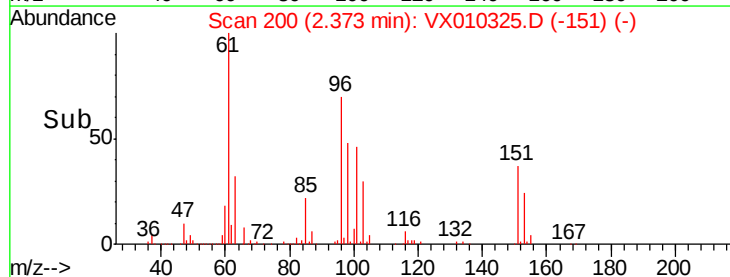
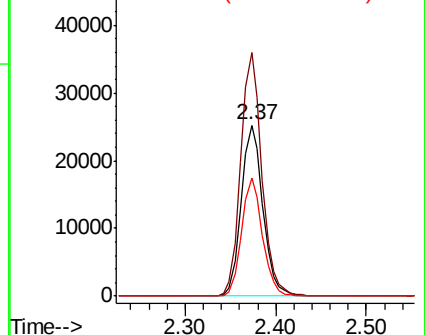
98 68.8 50.1 75.1

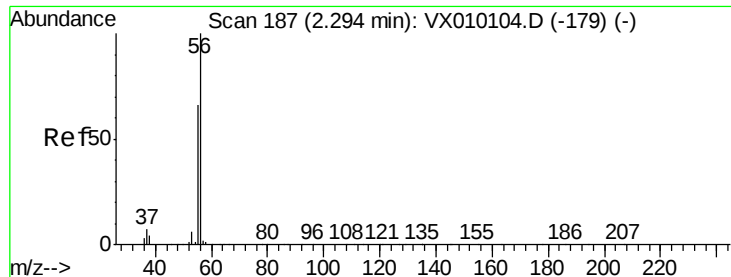


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 64.260 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

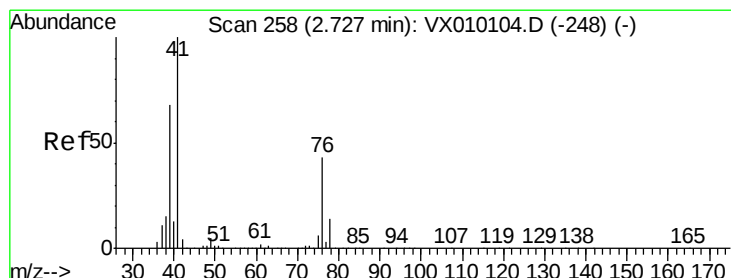
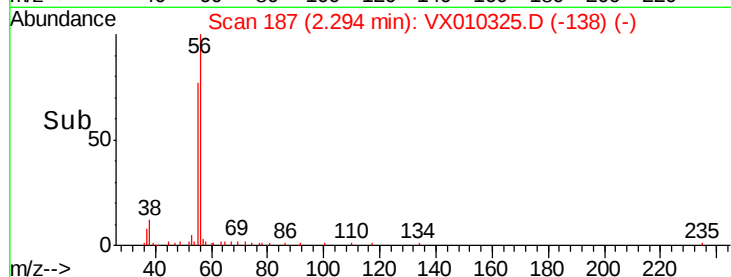
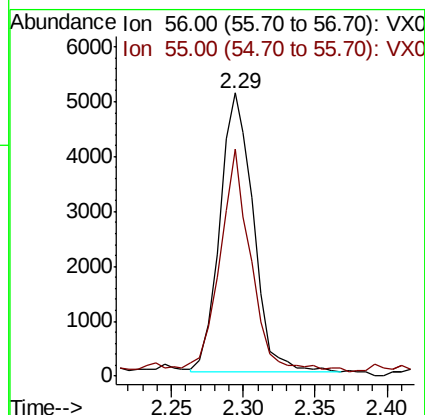
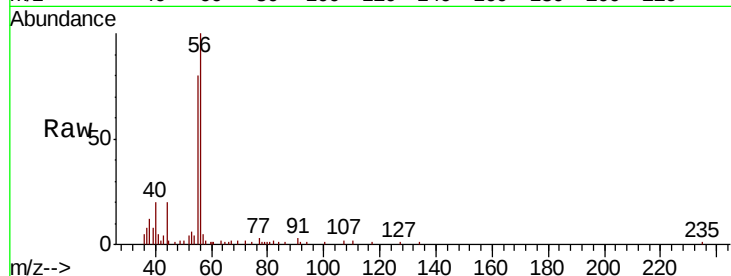
VX0617MBS01

Tgt Ion: 56 Resp: 8296

Ion Ratio Lower Upper

56 100

55 74.8 57.0 85.4



#14

Allyl chloride

Concen: 15.430 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

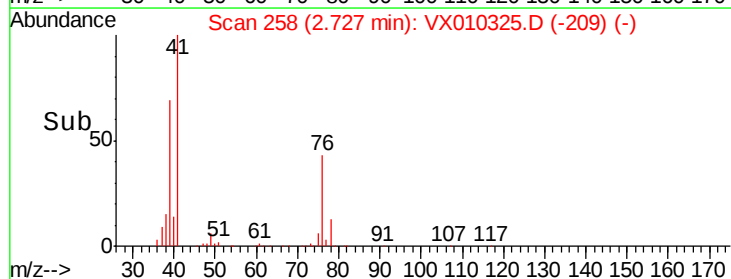
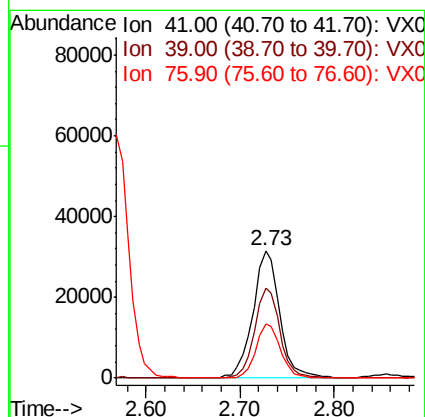
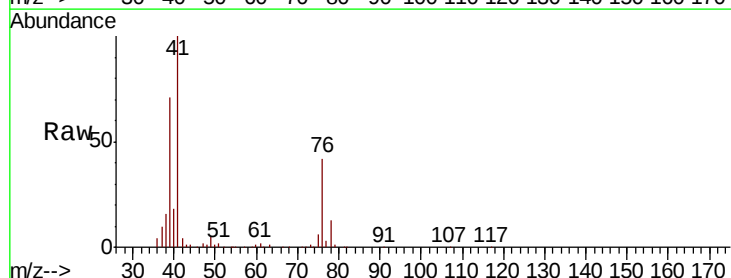
Tgt Ion: 41 Resp: 61946

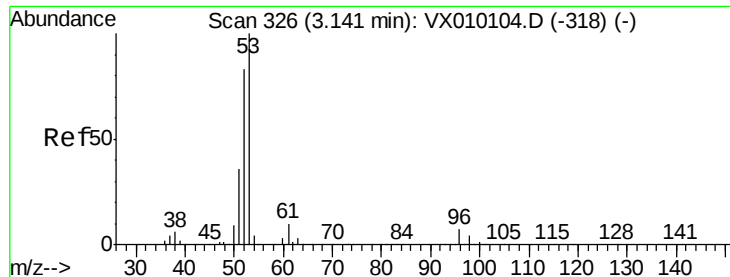
Ion Ratio Lower Upper

41 100

39 66.6 46.7 70.1

76 38.8 21.0 31.4#





#15

Acrylonitrile

Concen: 85.348 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

VX0617MBS01

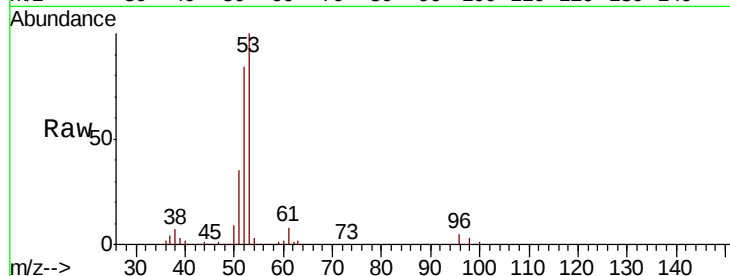
Tgt Ion: 53 Resp: 123515

Ion Ratio Lower Upper

53 100

52 82.7 66.7 100.1

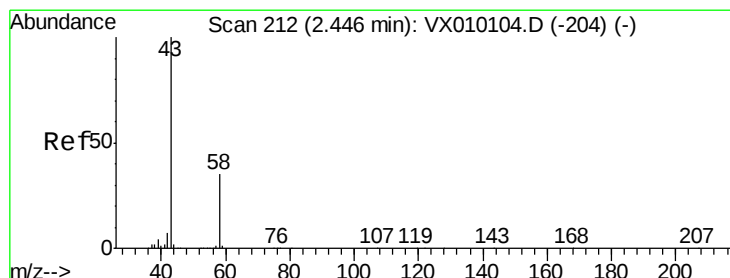
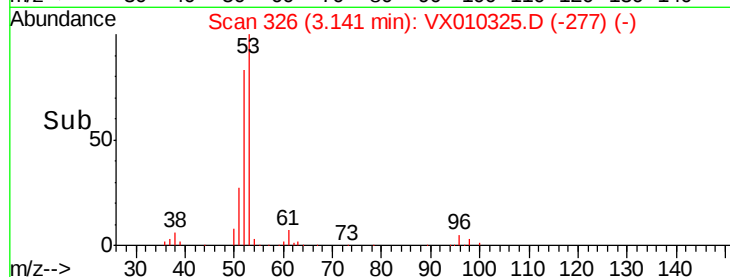
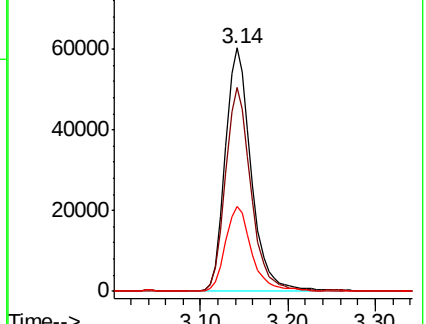
51 35.1 28.8 43.2



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: 88.924 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010325.D

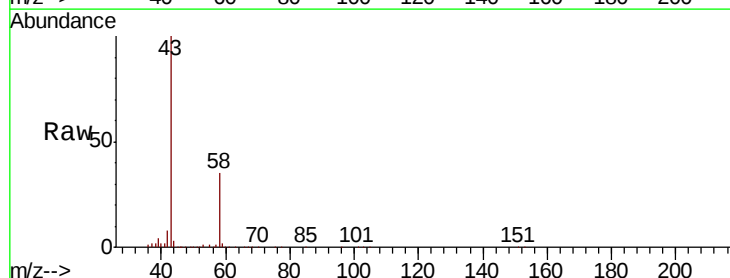
Acq: 17 Jun 2019 15:35

Tgt Ion: 43 Resp: 120882

Ion Ratio Lower Upper

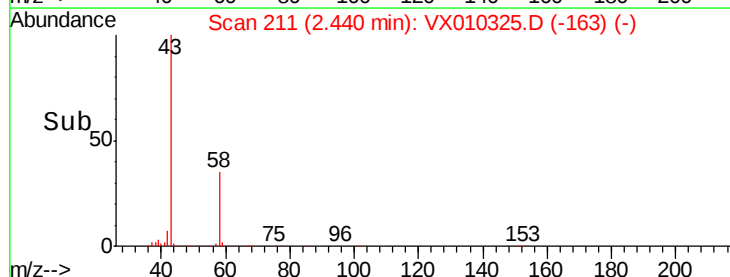
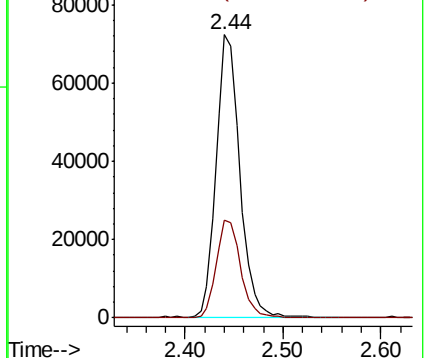
43 100

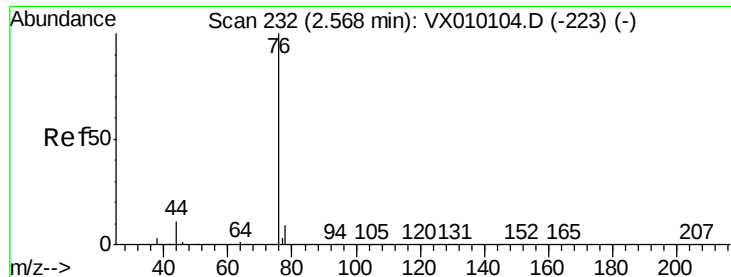
58 34.5 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

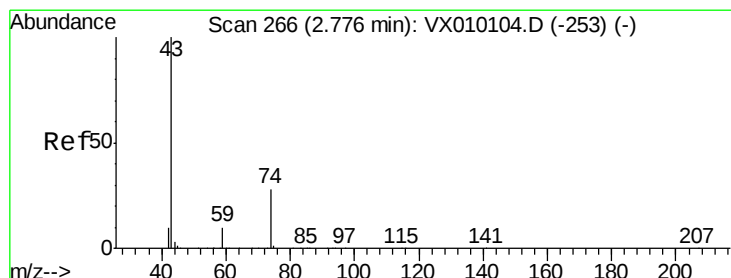
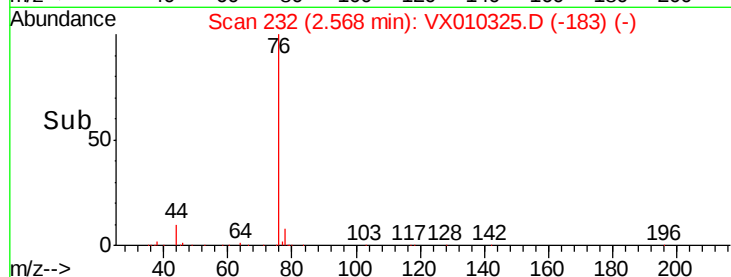
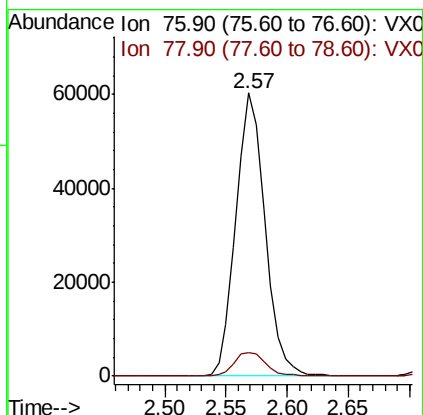
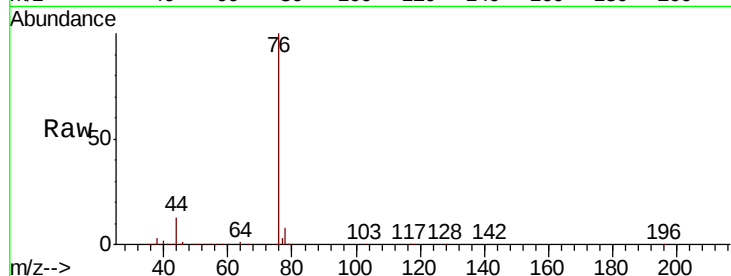




#17
Carbon Disulfide
Concen: 13.025 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

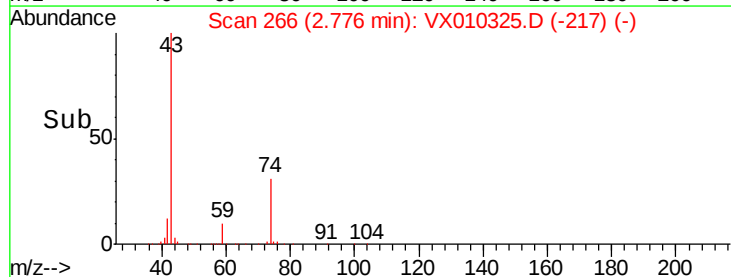
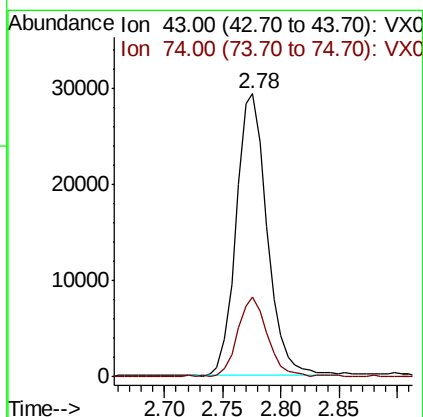
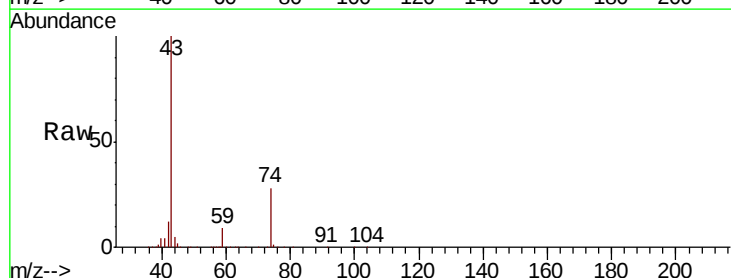
Instrument :
MSVOA_X
ClientSampleId :
VX0617MBS01

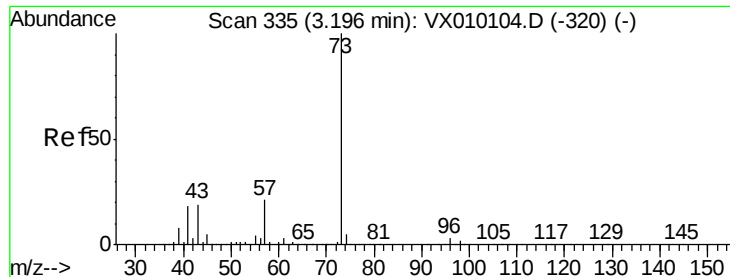
Tgt Ion: 76 Resp: 100096
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6



#18
Methyl Acetate
Concen: 18.281 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

Tgt Ion: 43 Resp: 54653
Ion Ratio Lower Upper
43 100
74 26.8 15.8 23.6#

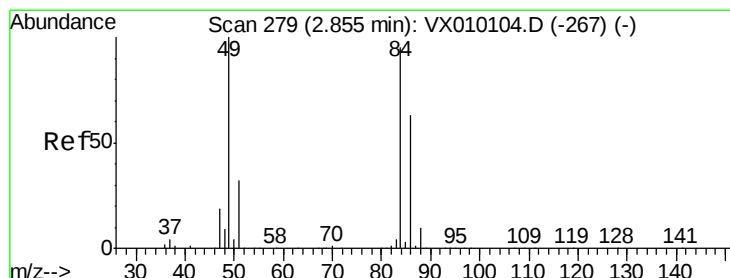
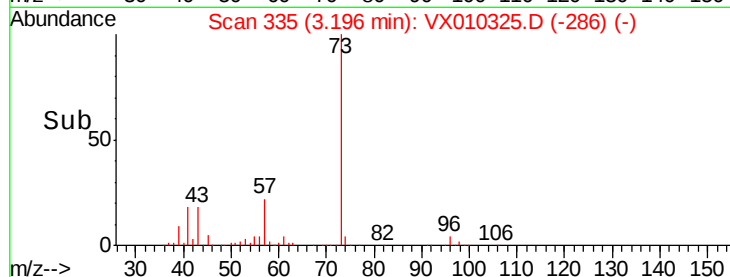
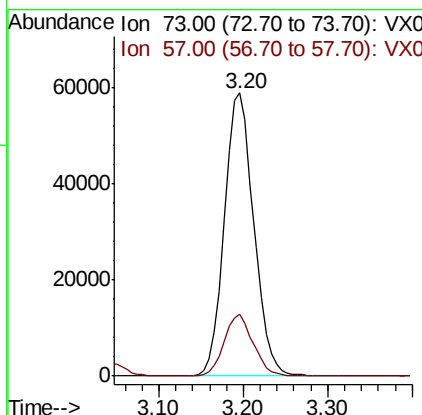
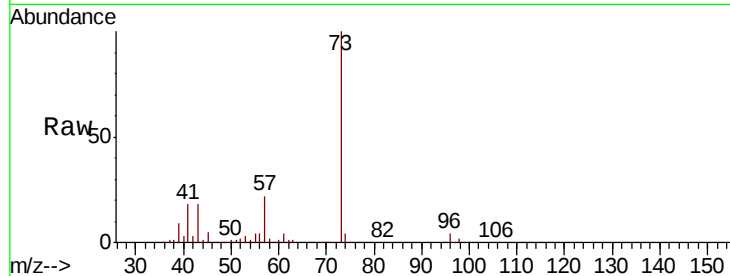




#19
Methyl tert-butyl Ether
Concen: 16.472 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

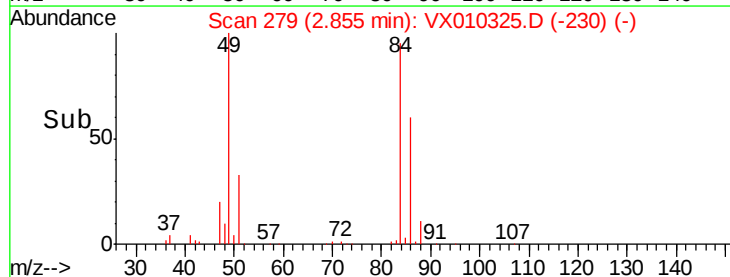
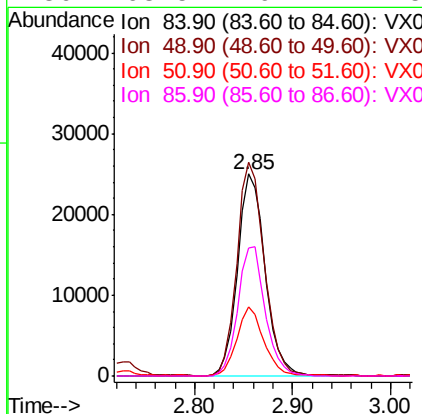
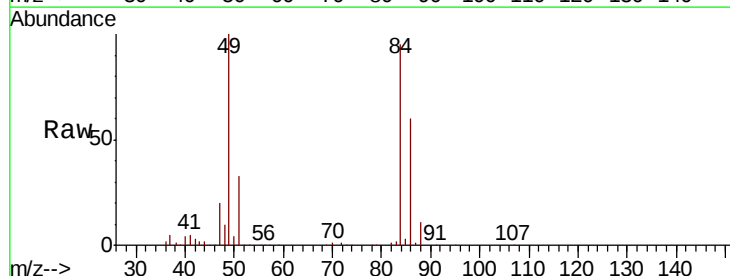
Instrument :
MSVOA_X
ClientSampleId :
VX0617MBS01

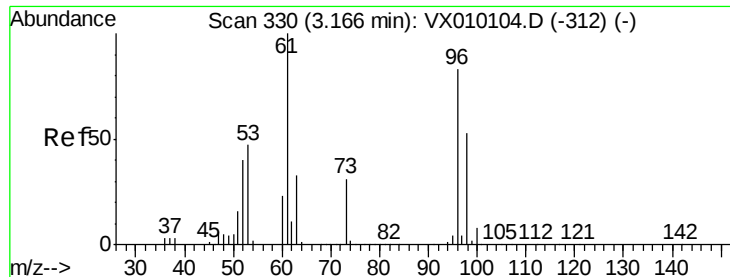
Tgt Ion: 73 Resp: 140744
Ion Ratio Lower Upper
73 100
57 21.8 19.4 29.2



#20
Methylene Chloride
Concen: 16.450 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

Tgt Ion: 84 Resp: 49110
Ion Ratio Lower Upper
84 100
49 105.5 115.8 173.6#
51 34.3 34.4 51.6#
86 63.5 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 15.152 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

VX0617MBS01

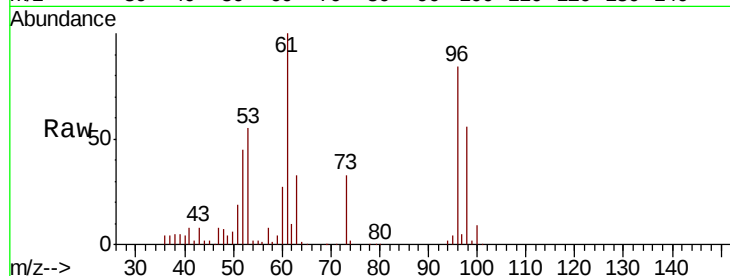
Tgt Ion: 96 Resp: 44595

Ion Ratio Lower Upper

96 100

61 118.5 125.7 188.5#

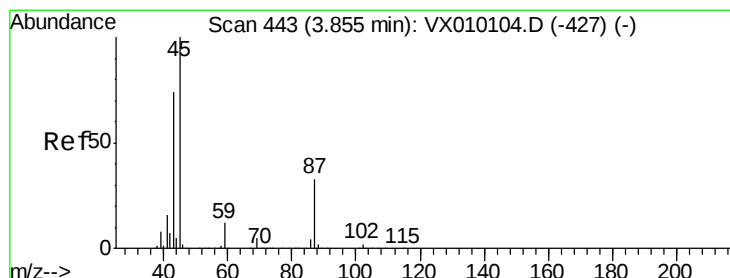
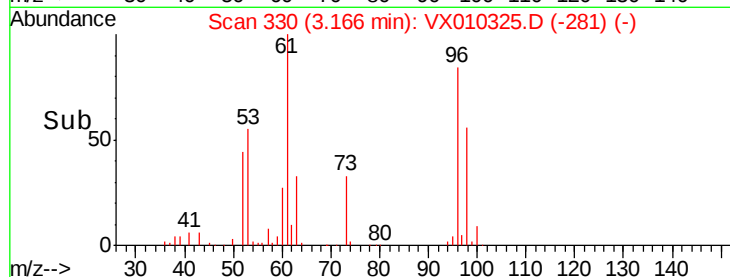
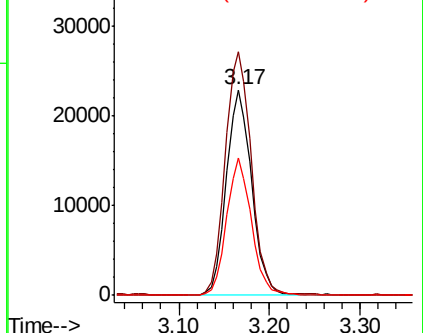
98 66.9 49.0 73.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.109 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Tgt Ion: 45 Resp: 131318

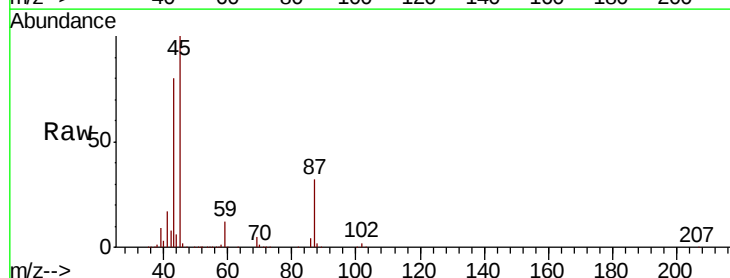
Ion Ratio Lower Upper

45 100

43 80.2 65.0 97.4

87 32.4 17.3 25.9#

59 12.2 8.1 12.1#

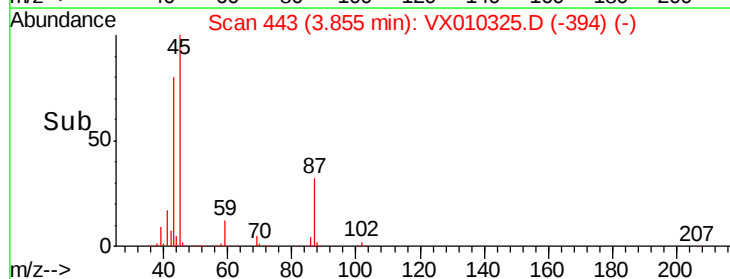
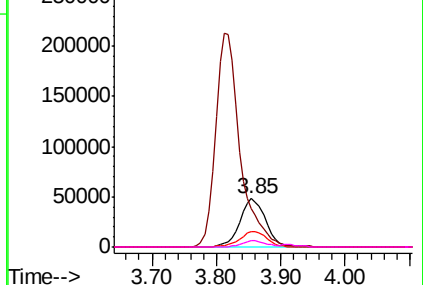


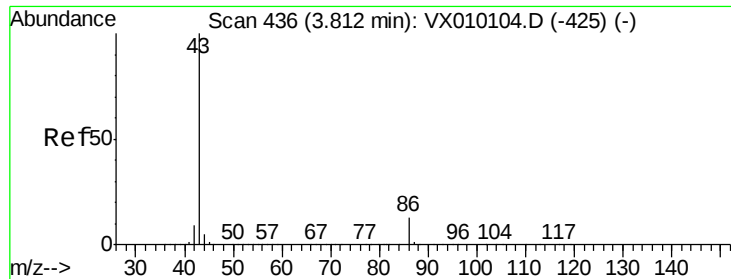
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 83.433 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

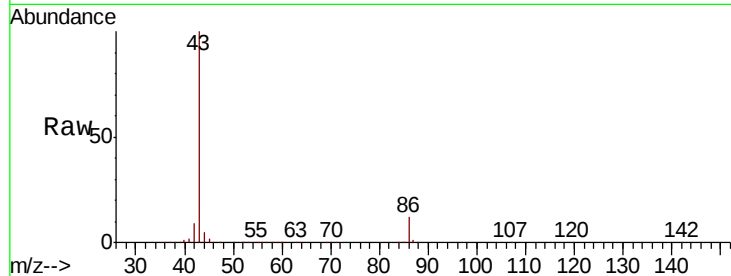
VX0617MBS01

Tgt Ion: 43 Resp: 571302

Ion Ratio Lower Upper

43 100

86 12.2 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

250000

200000

150000

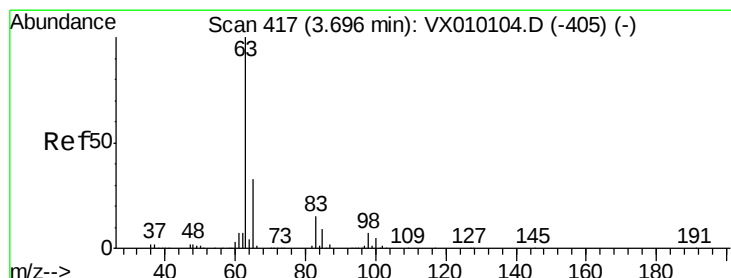
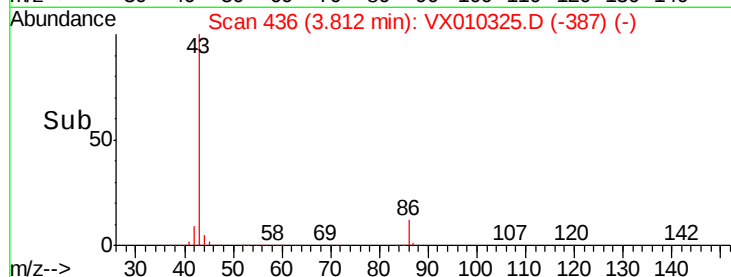
100000

50000

0

3.60 3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 16.380 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

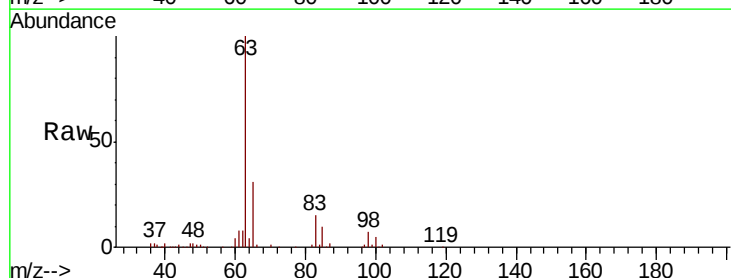
Tgt Ion: 63 Resp: 76336

Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.8

100 4.5 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

40000

30000

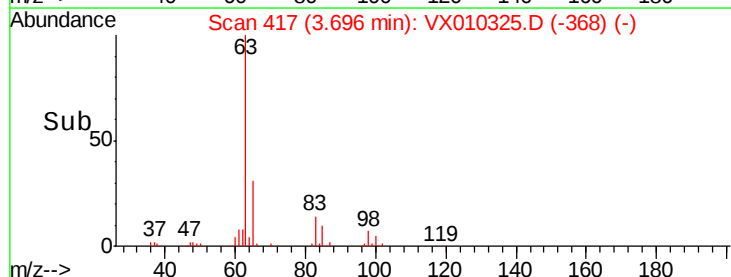
20000

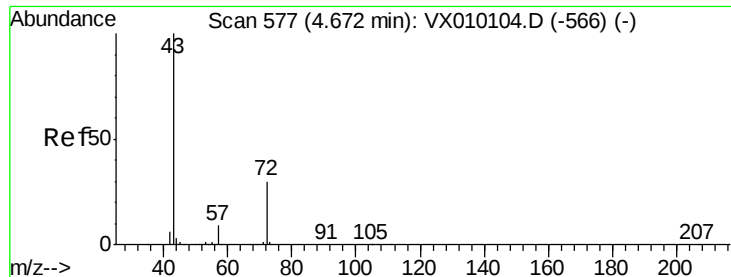
10000

0

3.60 3.70 3.80 3.90

Time-->





#25

2-Butanone

Concen: 87.742 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

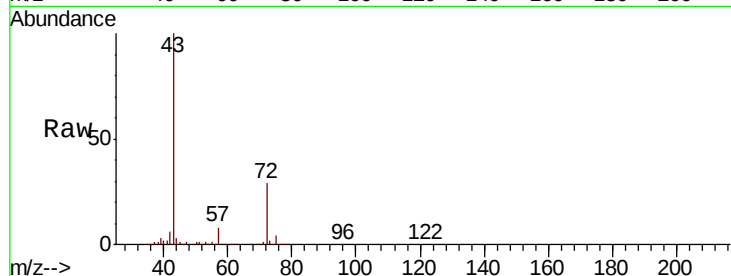
VX0617MBS01

Tgt Ion: 43 Resp: 177612

Ion Ratio Lower Upper

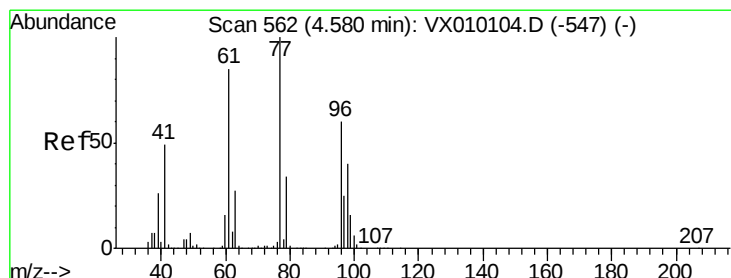
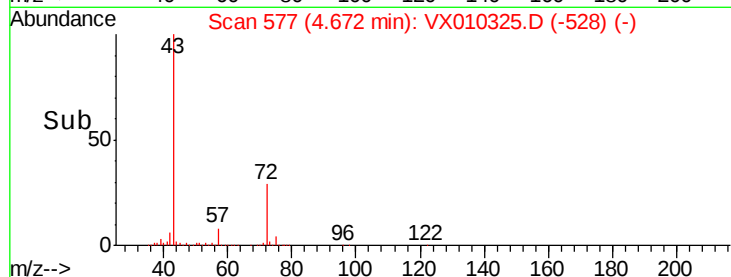
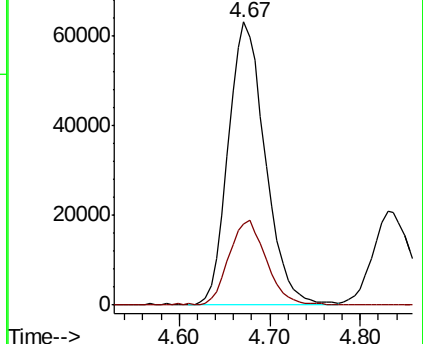
43 100

72 28.5 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 15.851 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010325.D

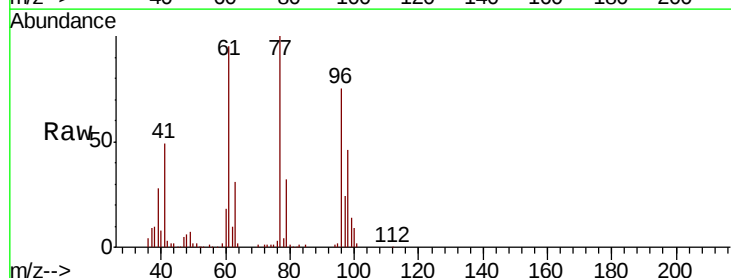
Acq: 17 Jun 2019 15:35

Tgt Ion: 77 Resp: 67391

Ion Ratio Lower Upper

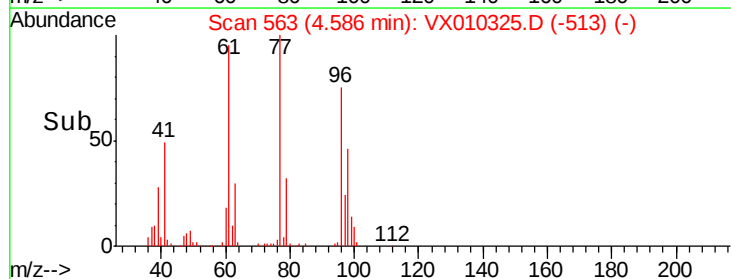
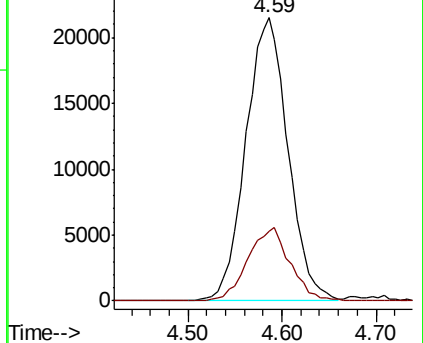
77 100

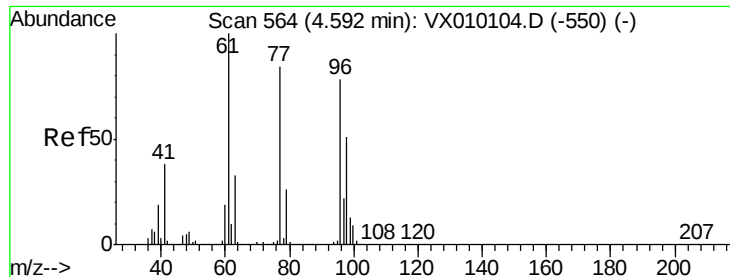
97 25.8 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



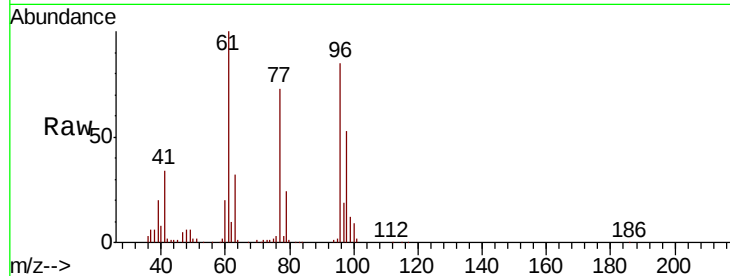


#27

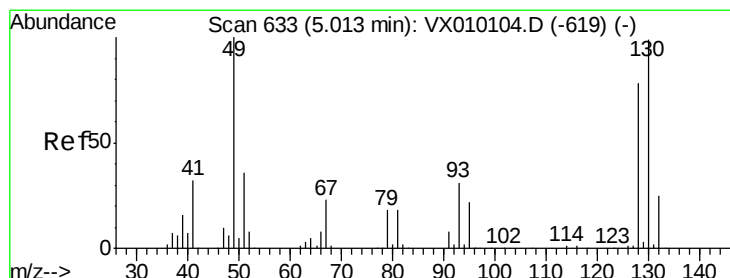
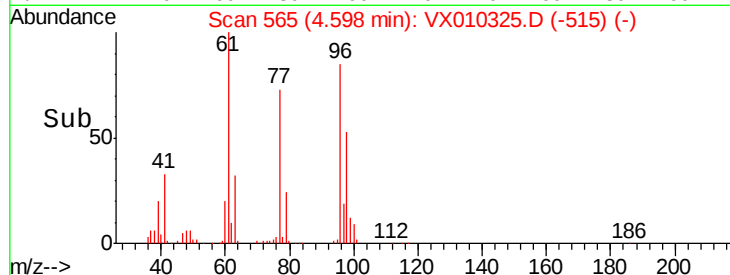
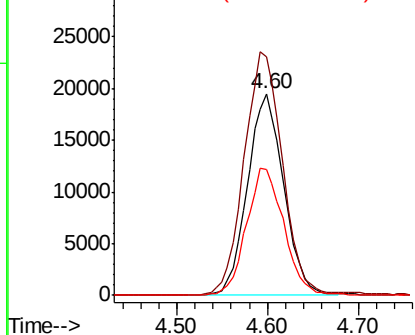
cis-1,2-Dichloroethene
 Concen: 16.438 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX010325.D
 Acq: 17 Jun 2019 15:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617MBS01

Tgt Ion: 96 Resp: 53821
 Ion Ratio Lower Upper
 96 100
 61 127.9 0.0 334.0
 98 64.9 0.0 131.6



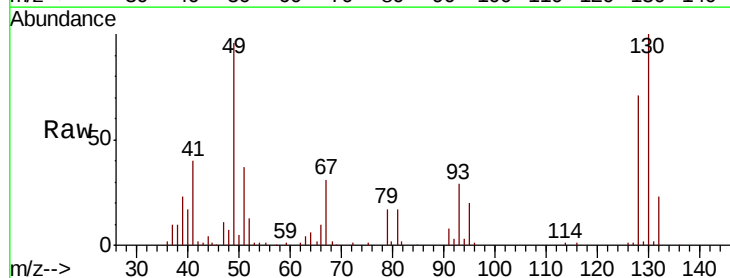
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



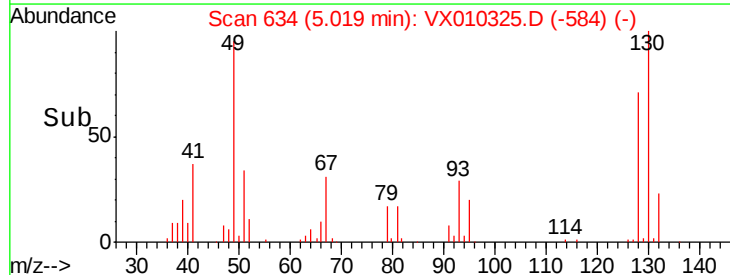
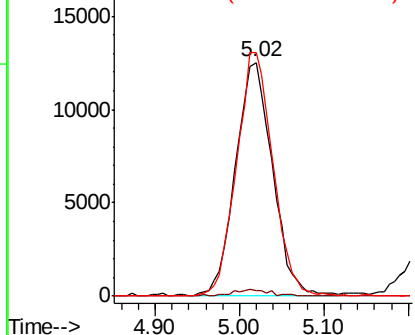
#28

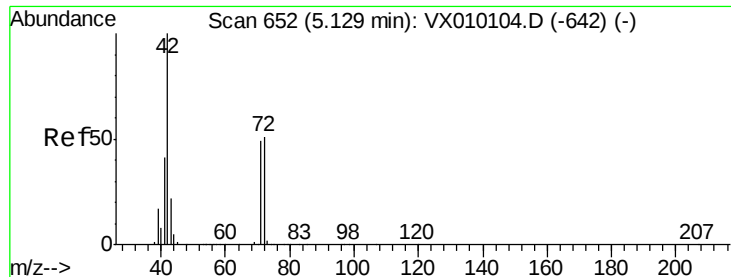
Bromochloromethane
 Concen: 17.885 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010325.D
 Acq: 17 Jun 2019 15:35

Tgt Ion: 49 Resp: 37355
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 3.4
 130 102.3 49.4 74.2#



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

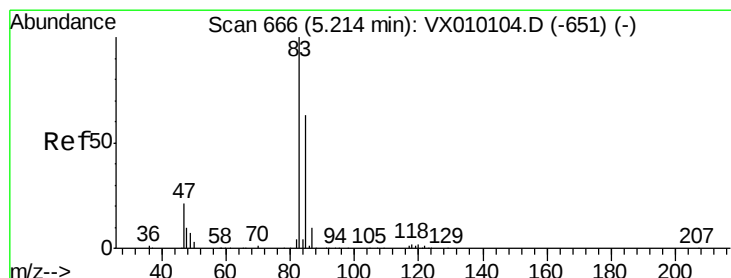
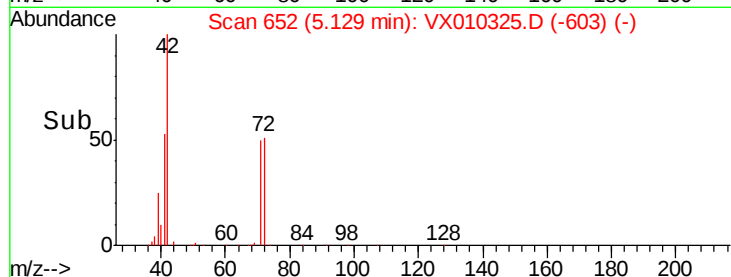
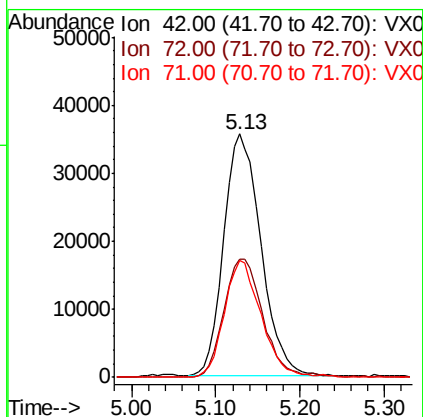
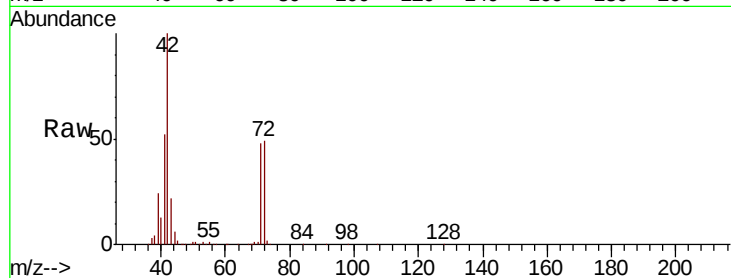




#29
Tetrahydrofuran
Concen: 84.001 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

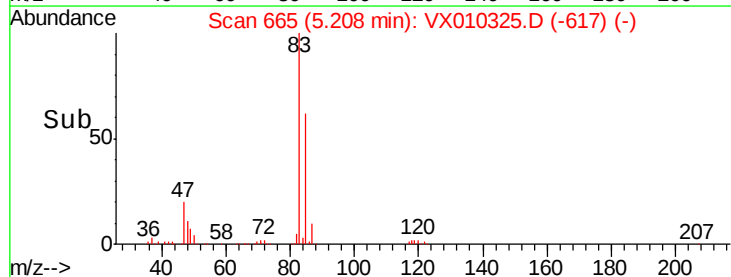
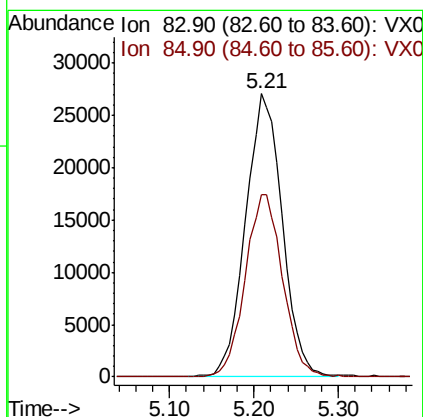
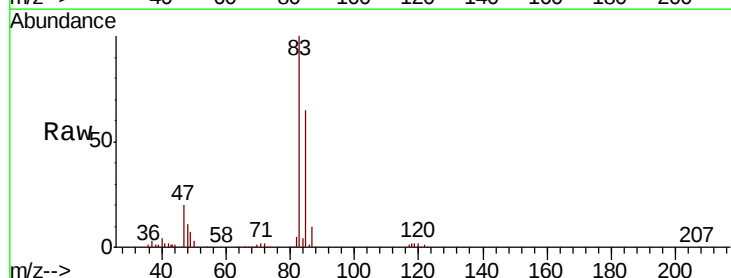
Instrument :
MSVOA_X
ClientSampleId :
VX0617MBS01

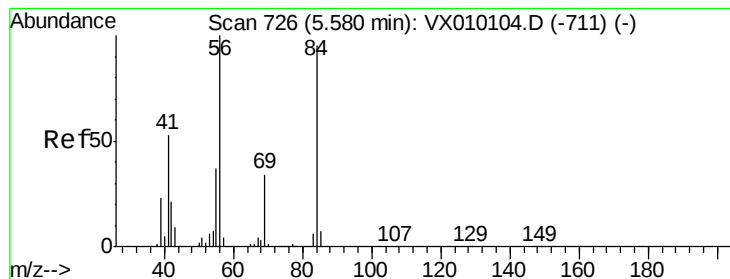
Tgt Ion: 42 Resp: 106862
Ion Ratio Lower Upper
42 100
72 51.5 29.2 43.8#
71 48.1 27.6 41.4#



#30
Chloroform
Concen: 16.562 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

Tgt Ion: 83 Resp: 80157
Ion Ratio Lower Upper
83 100
85 64.6 52.6 78.8





#31

Cyclohexane

Concen: 15.741 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

VX0617MBS01

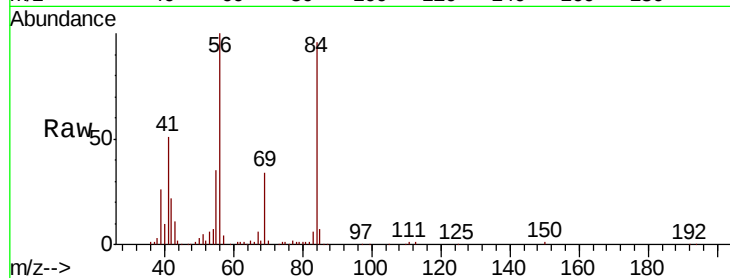
Tgt Ion: 56 Resp: 66207

Ion Ratio Lower Upper

56 100

69 34.4 21.6 32.4#

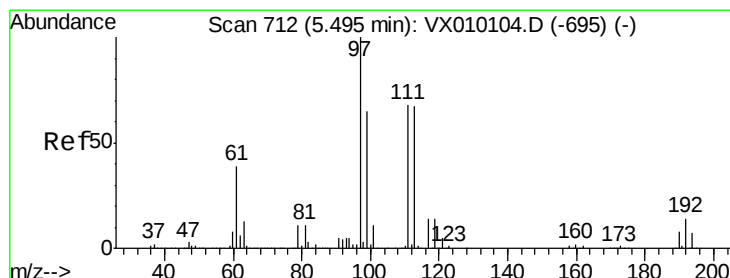
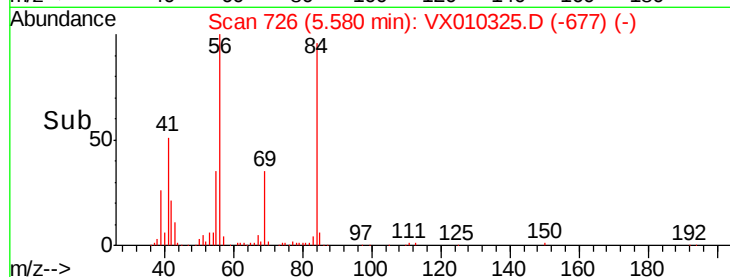
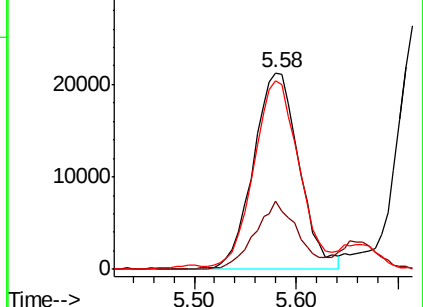
84 93.4 56.8 85.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 15.799 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

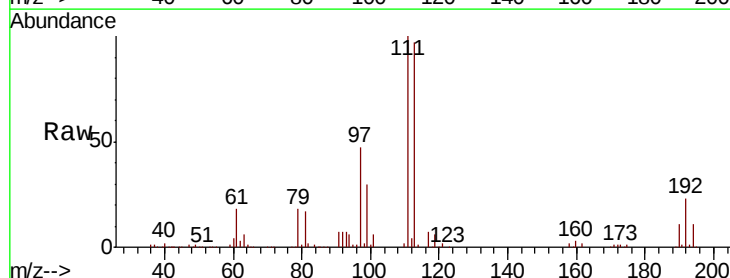
Tgt Ion: 97 Resp: 71885

Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

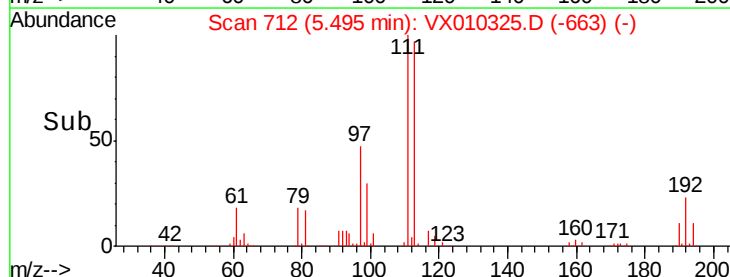
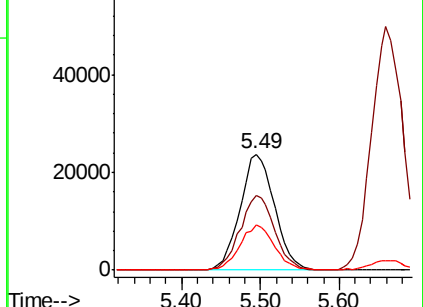
61 39.5 38.7 58.1

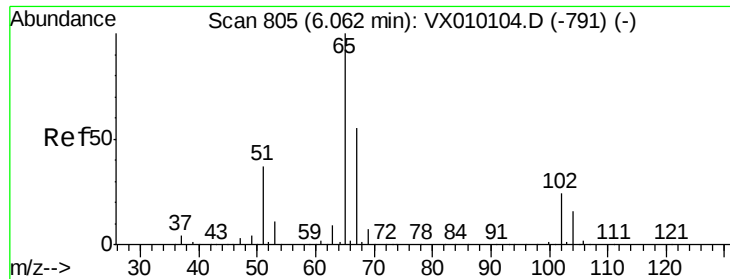


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.349 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

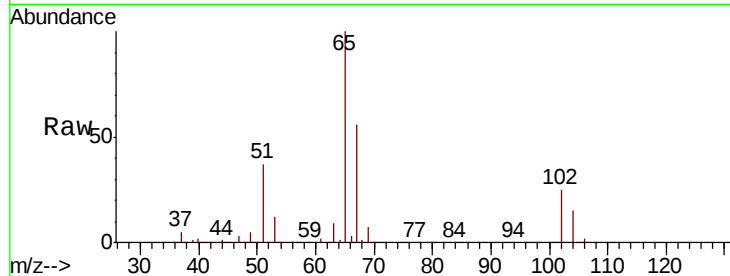
VX0617MBS01

Tgt Ion: 65 Resp: 148409

Ion Ratio Lower Upper

65 100

67 55.0 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

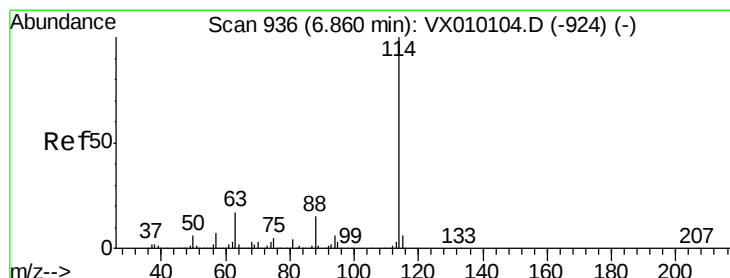
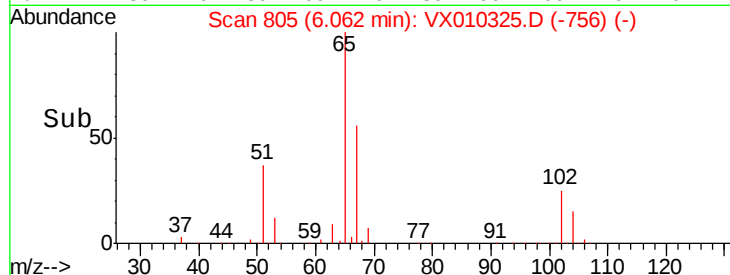
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

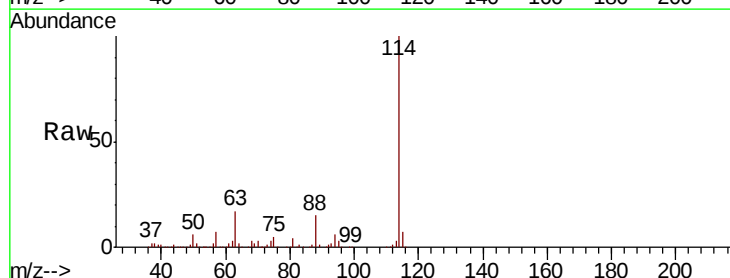
Tgt Ion: 114 Resp: 438457

Ion Ratio Lower Upper

114 100

63 17.2 0.0 47.4

88 14.9 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

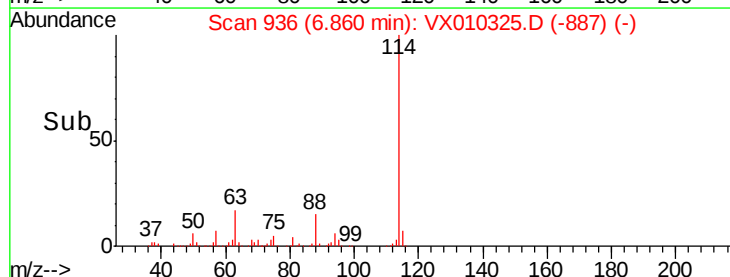
150000

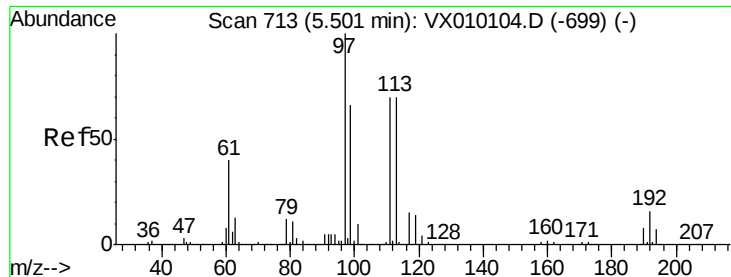
100000

50000

0

Time--> 6.70 6.80 6.90 7.00 7.10

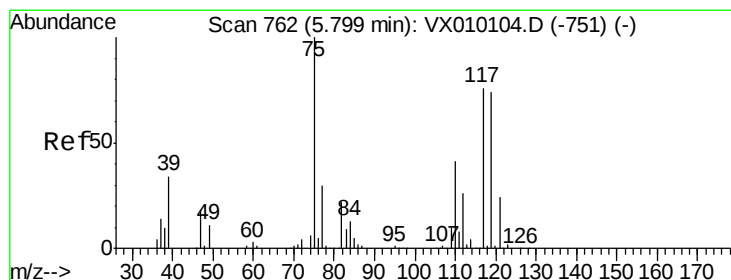
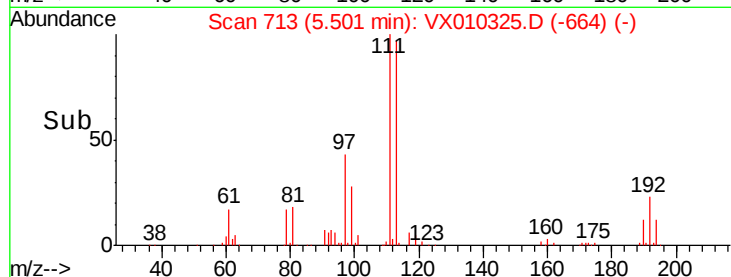
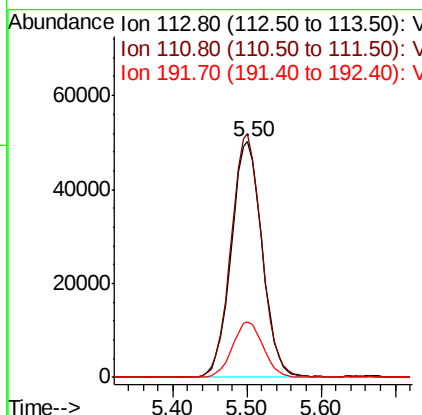
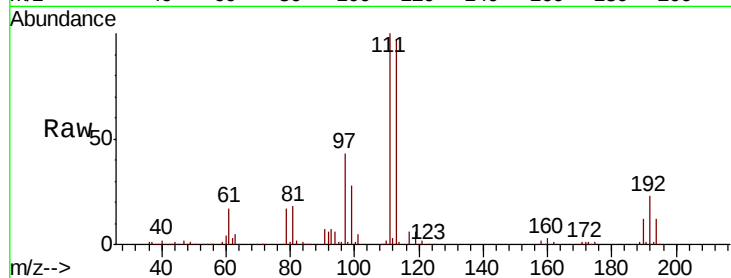




#35
 Dibromofluoromethane
 Concen: 53.971 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010325.D
 Acq: 17 Jun 2019 15:35

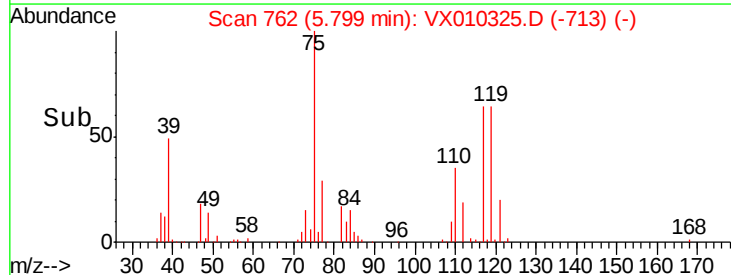
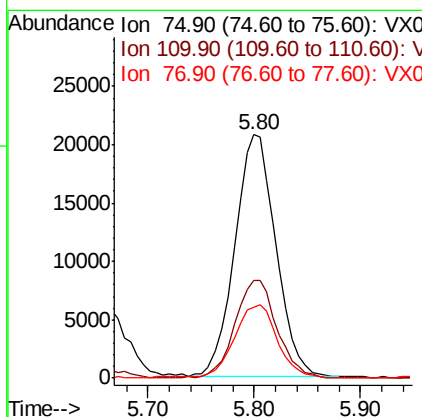
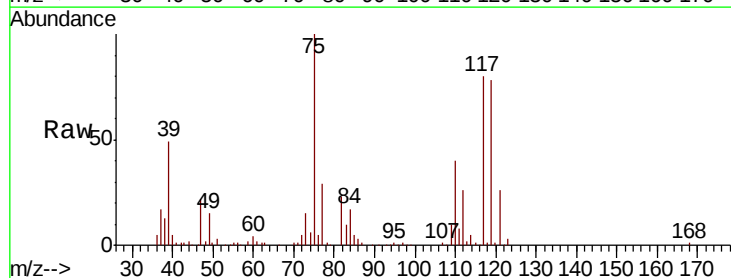
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617MBS01

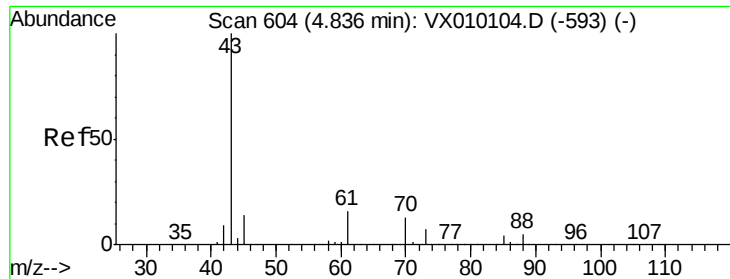
Tgt Ion:113 Resp: 145964
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.2
 192 23.4 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 15.664 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010325.D
 Acq: 17 Jun 2019 15:35

Tgt Ion: 75 Resp: 56034
 Ion Ratio Lower Upper
 75 100
 110 41.4 16.7 50.1
 77 31.7 25.0 37.4

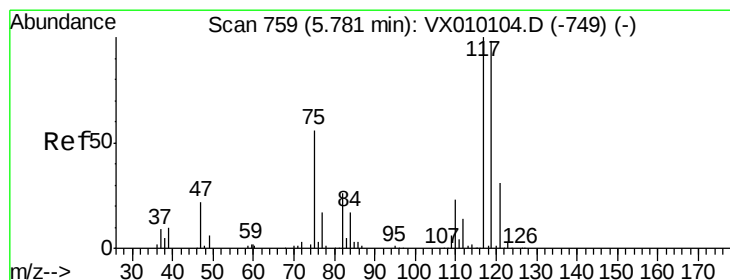
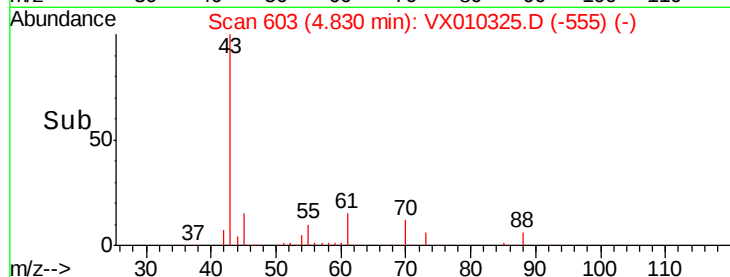
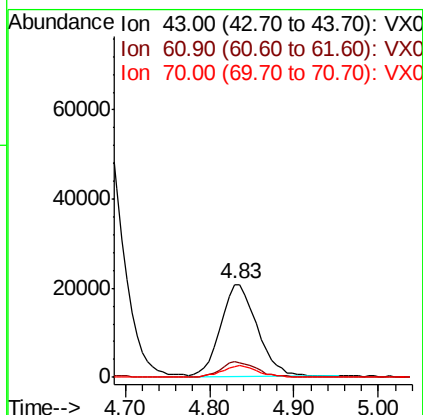
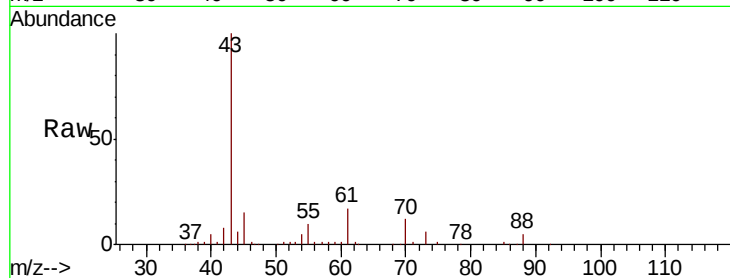




#37
Ethyl Acetate
Concen: 16.395 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

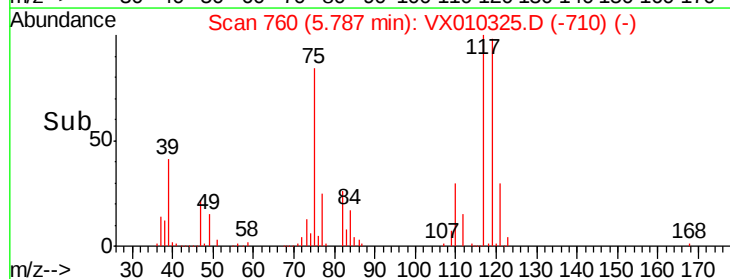
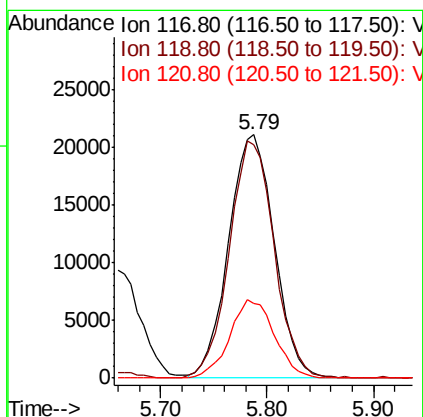
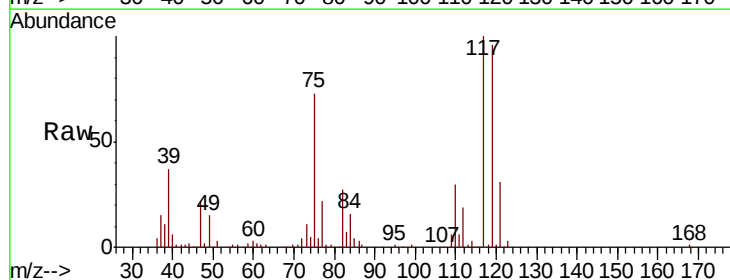
Instrument :
MSVOA_X
ClientSampleId :
VX0617MBS01

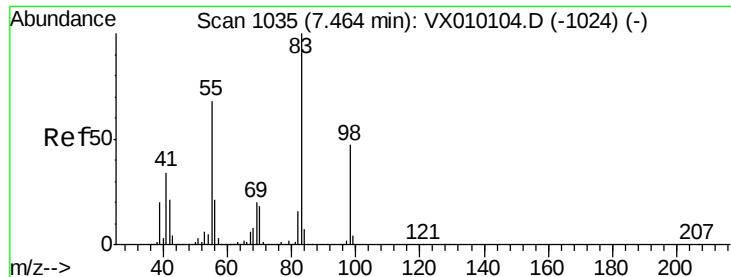
Tgt Ion: 43 Resp: 61020
Ion Ratio Lower Upper
43 100
61 16.9 10.2 15.2#
70 13.1 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 15.701 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

Tgt Ion: 117 Resp: 63571
Ion Ratio Lower Upper
117 100
119 95.7 77.3 115.9
121 30.9 25.4 38.0

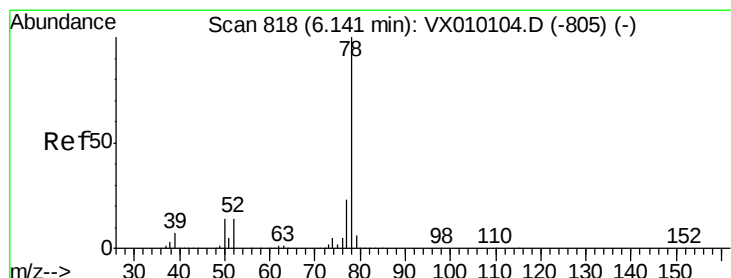
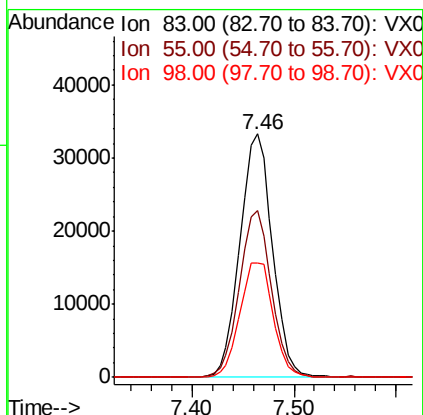
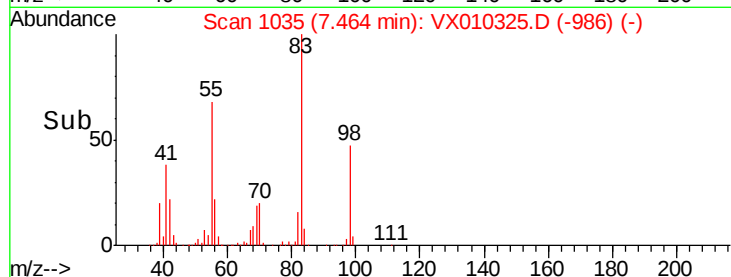
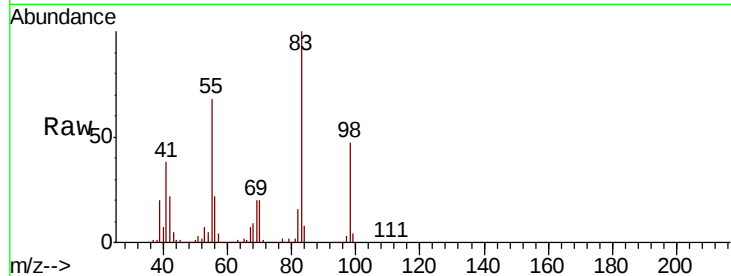




#39
Methylcyclohexane
Concen: 15.127 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

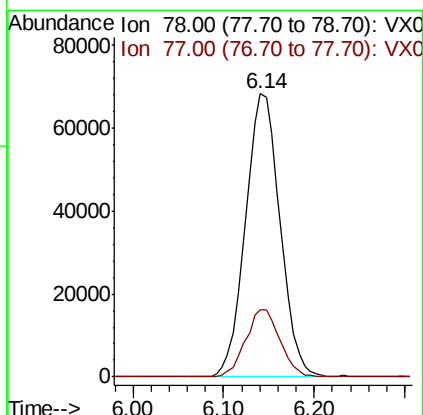
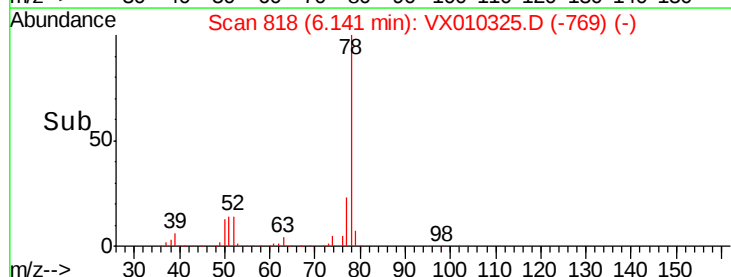
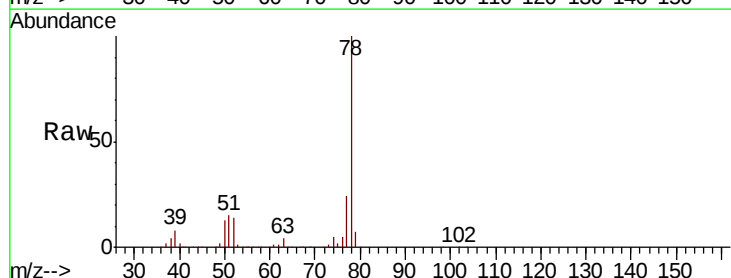
Instrument :
MSVOA_X
ClientSampleId :
VX0617MBS01

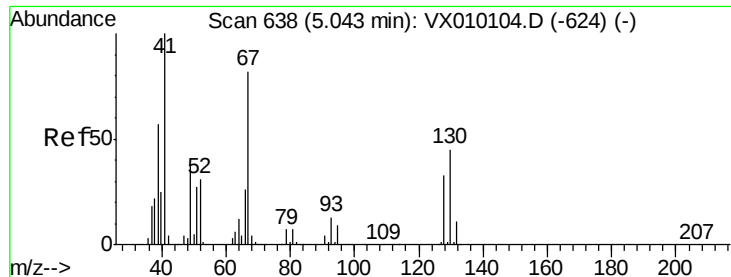
Tgt Ion: 83 Resp: 73681
Ion Ratio Lower Upper
83 100
55 68.2 69.9 104.9#
98 47.1 35.1 52.7



#40
Benzene
Concen: 16.303 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

Tgt Ion: 78 Resp: 180334
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8





#41

Methacrylonitrile

Concen: 16.614 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

VX0617MBS01

Tgt Ion: 41 Resp: 33449

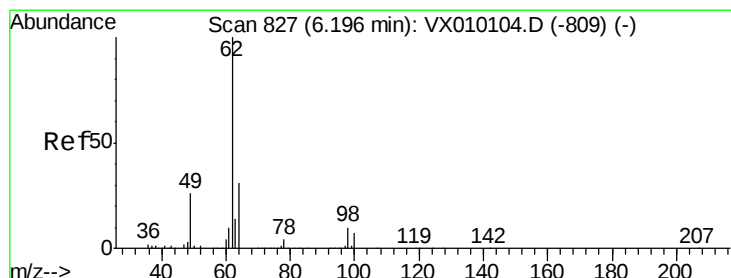
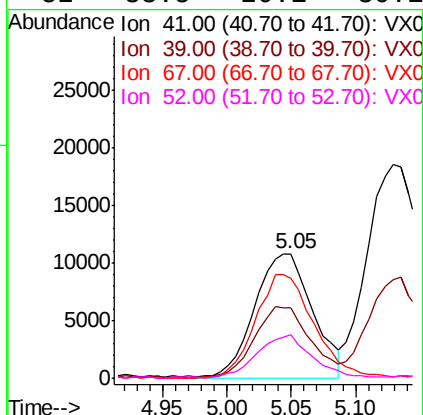
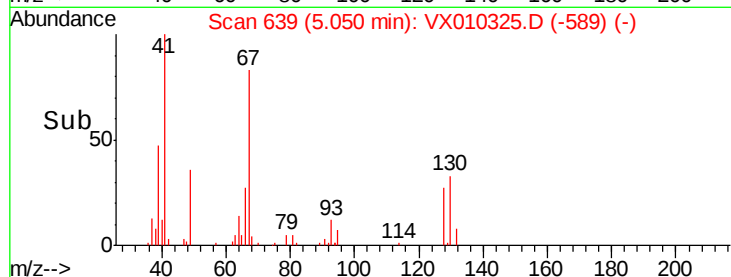
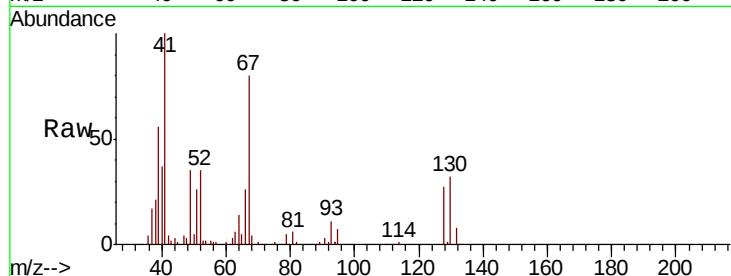
Ion Ratio Lower Upper

41 100

39 55.5 42.2 63.4

67 85.0 48.9 73.3#

52 33.5 20.1 30.1#



#42

1,2-Dichloroethane

Concen: 16.315 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX010325.D

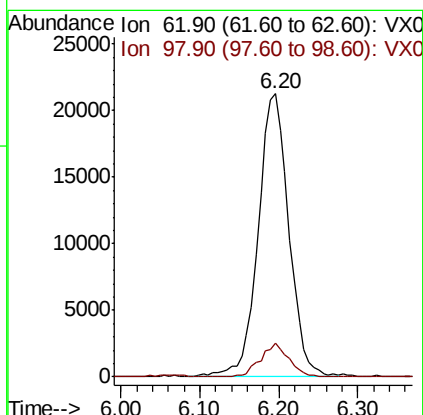
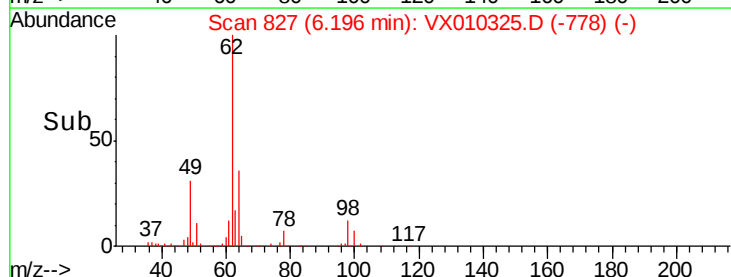
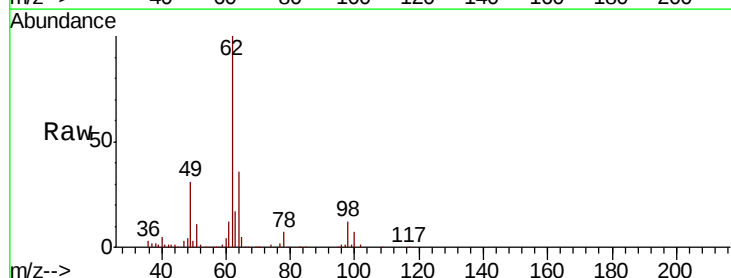
Acq: 17 Jun 2019 15:35

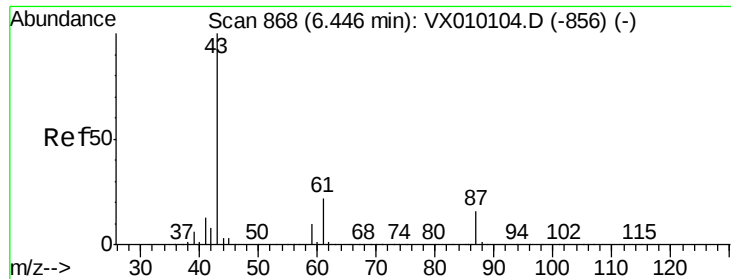
Tgt Ion: 62 Resp: 57612

Ion Ratio Lower Upper

62 100

98 10.9 0.0 17.2





#43

Isopropyl Acetate

Concen: 16.584 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

VX0617MBS01

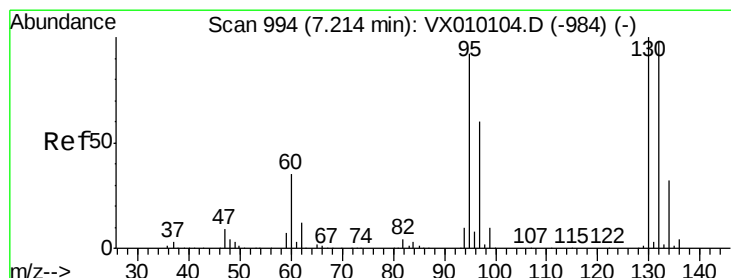
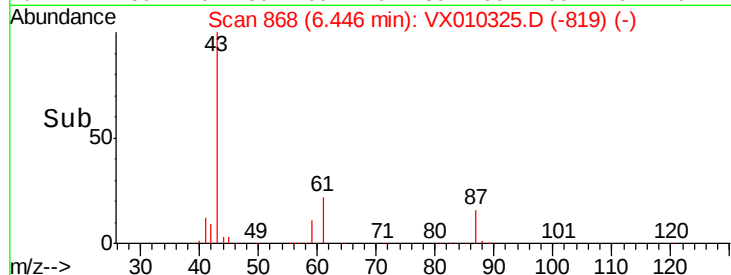
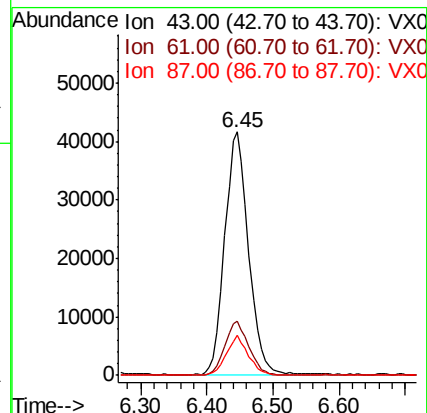
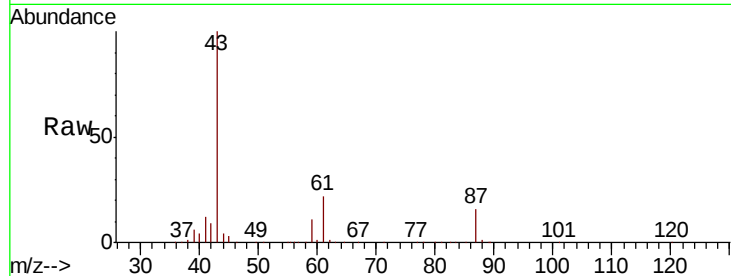
Tgt Ion: 43 Resp: 103203

Ion Ratio Lower Upper

43 100

61 22.5 14.6 21.8#

87 15.2 8.7 13.1#



#44

Trichloroethene

Concen: 15.887 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010325.D

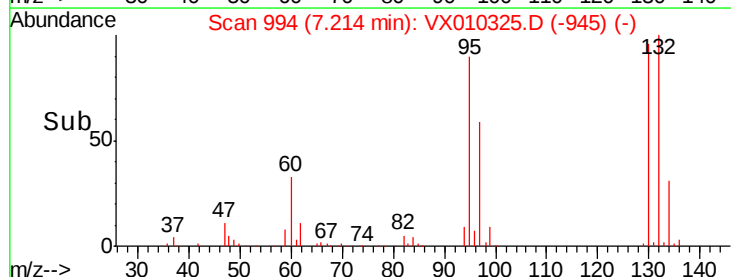
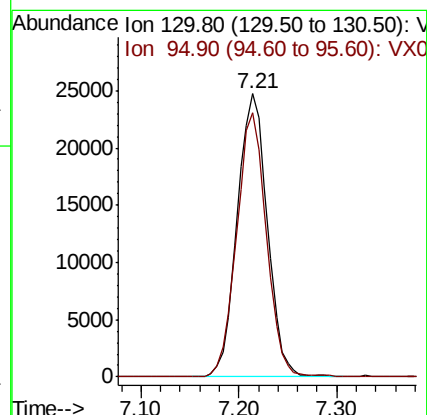
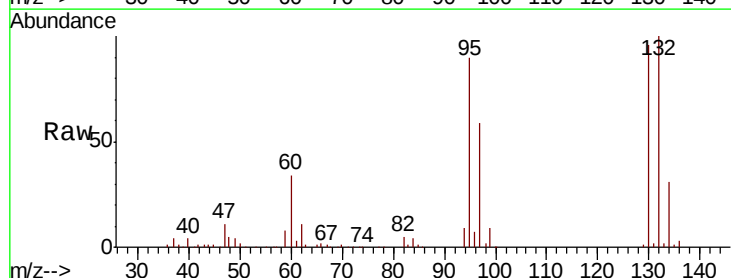
Acq: 17 Jun 2019 15:35

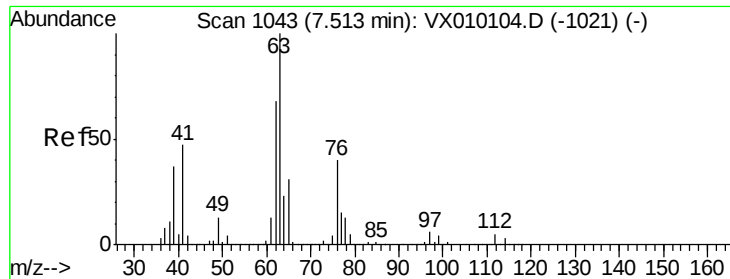
Tgt Ion: 130 Resp: 52969

Ion Ratio Lower Upper

130 100

95 93.3 0.0 207.4





#45

1,2-Dichloropropane

Concen: 16.853 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

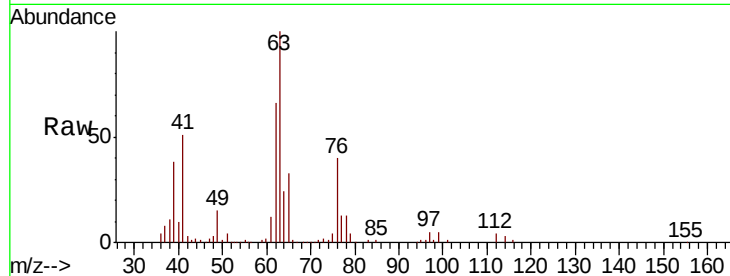
VX0617MBS01

Tgt Ion: 63 Resp: 46659

Ion Ratio Lower Upper

63 100

65 32.5 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

25000

20000

15000

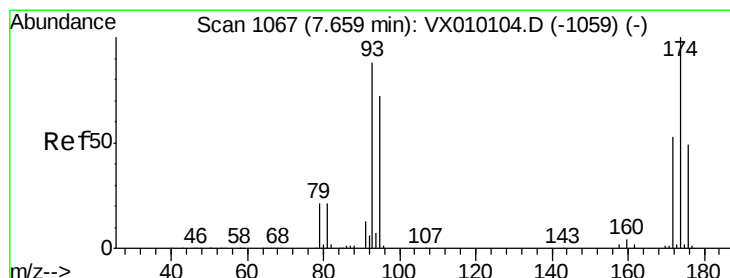
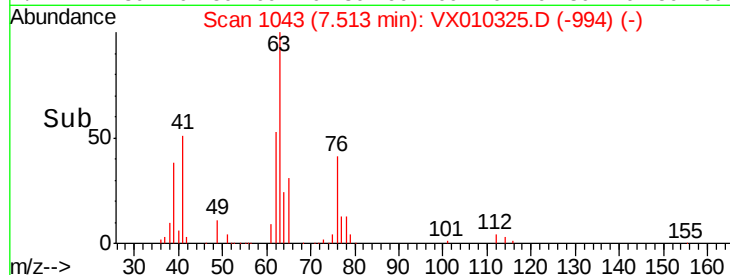
10000

5000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 16.046 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

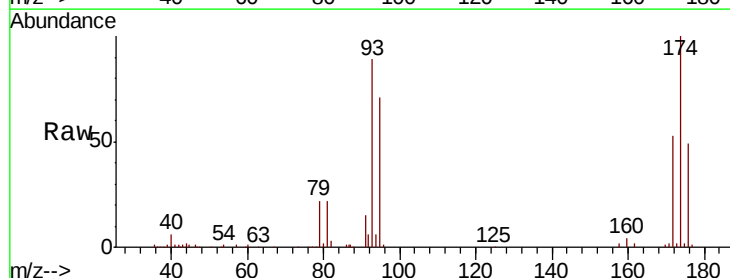
Tgt Ion: 93 Resp: 33281

Ion Ratio Lower Upper

93 100

95 84.4 66.8 100.2

174 118.8 81.9 122.9



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

25000

20000

15000

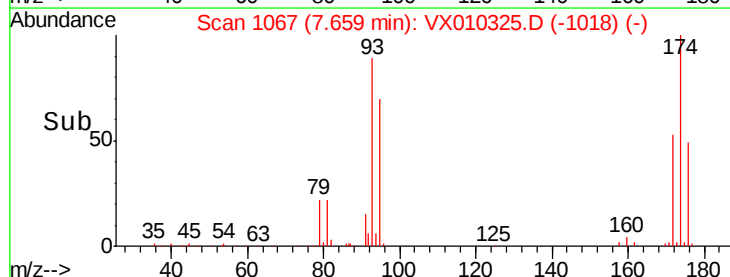
10000

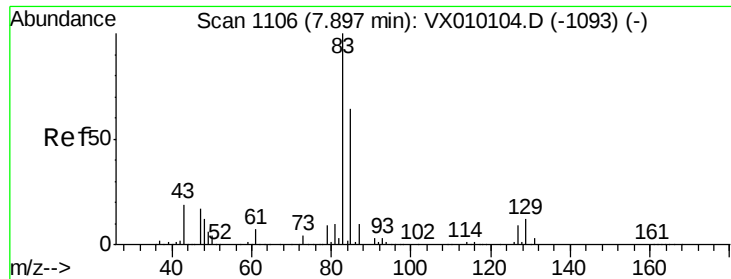
5000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 16.010 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

VX0617MBS01

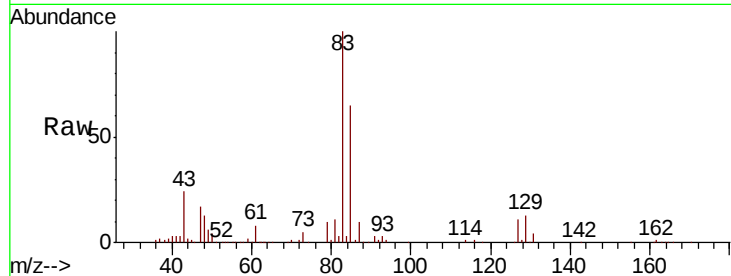
Tgt Ion: 83 Resp: 62049

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.2

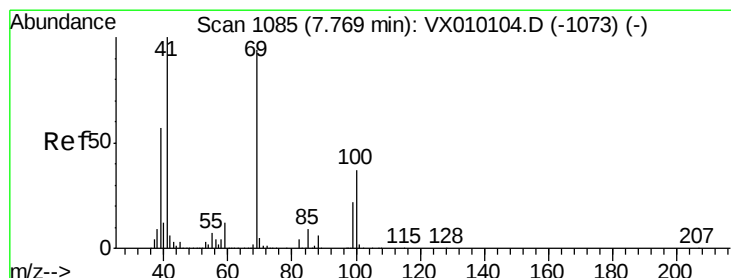
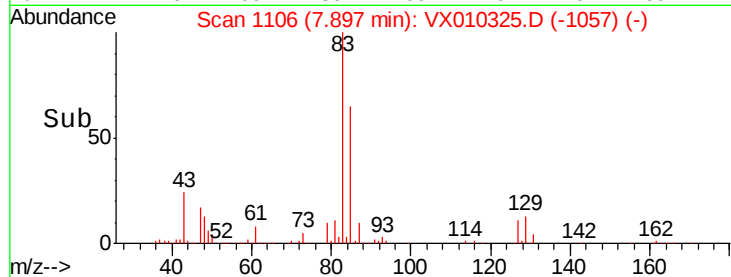
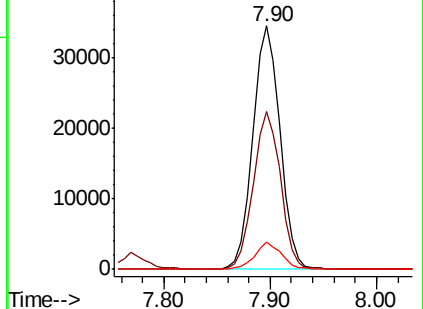
127 11.0 6.4 9.6#



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: 16.810 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

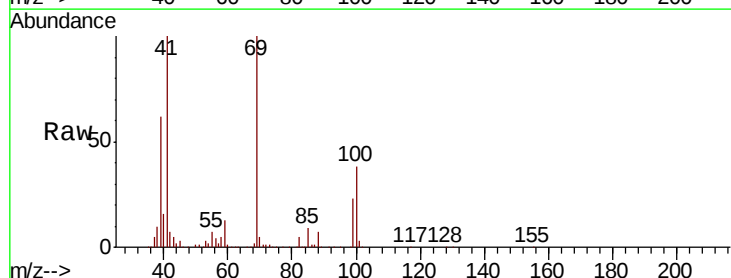
Tgt Ion: 41 Resp: 48922

Ion Ratio Lower Upper

41 100

69 95.2 56.4 84.6#

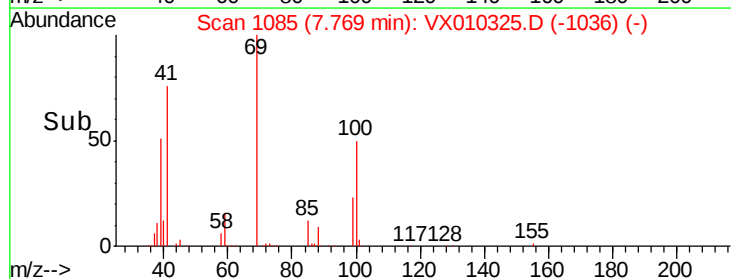
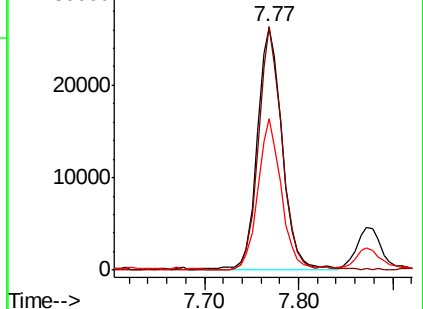
39 57.9 40.6 60.8

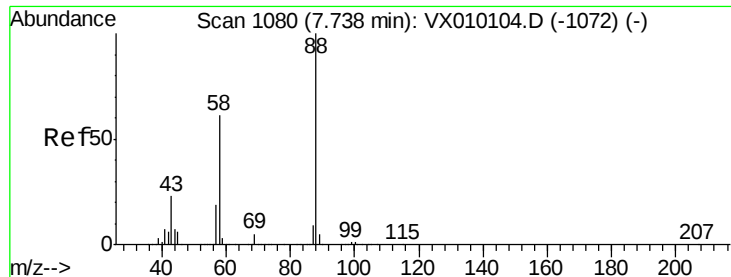


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

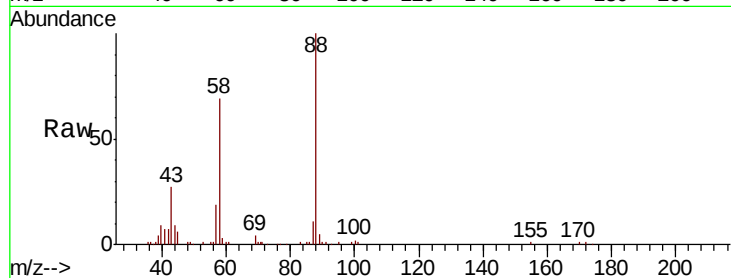




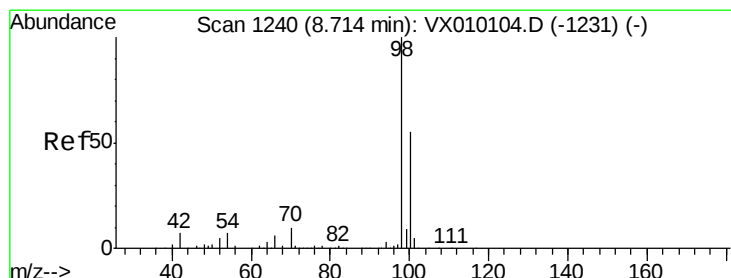
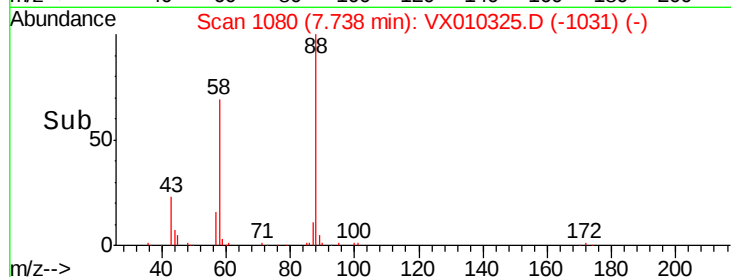
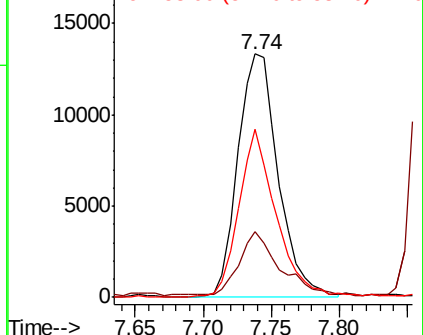
#49
1,4-Dioxane
Concen: 333.057 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
VX0617MBS01

Tgt Ion: 88 Resp: 27636
Ion Ratio Lower Upper
88 100
43 25.6 30.2 45.4#
58 64.4 64.0 96.0

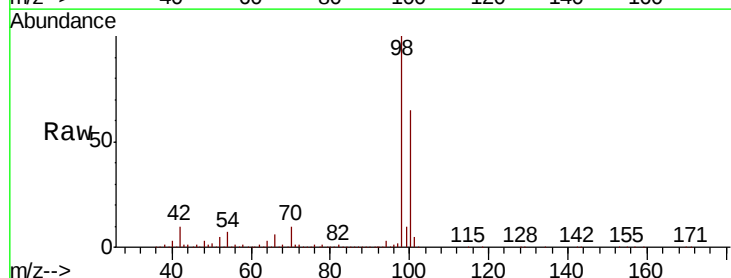


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

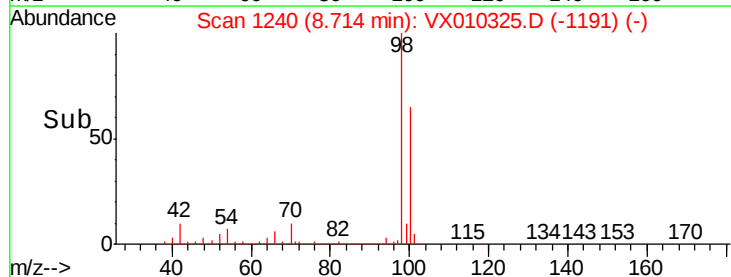
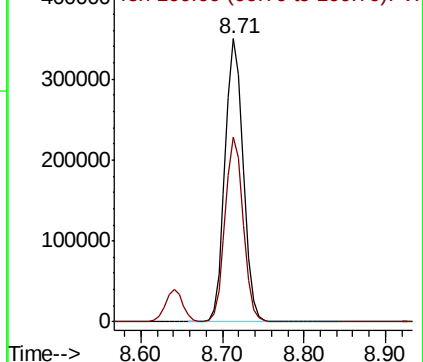


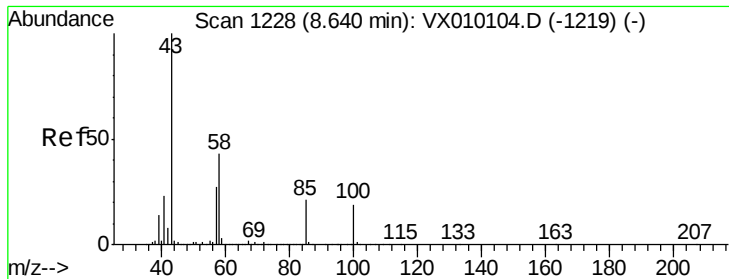
#50
Toluene-d8
Concen: 53.139 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

Tgt Ion: 98 Resp: 538616
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

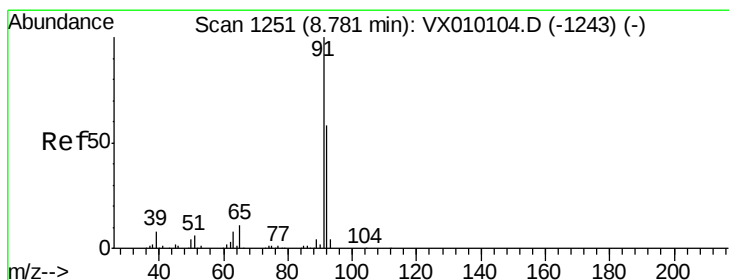
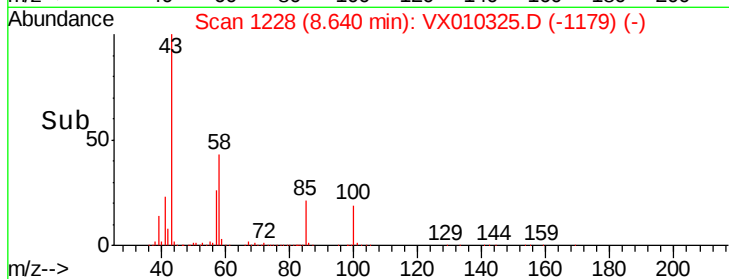
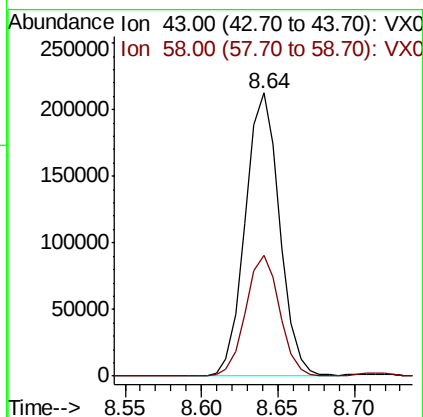
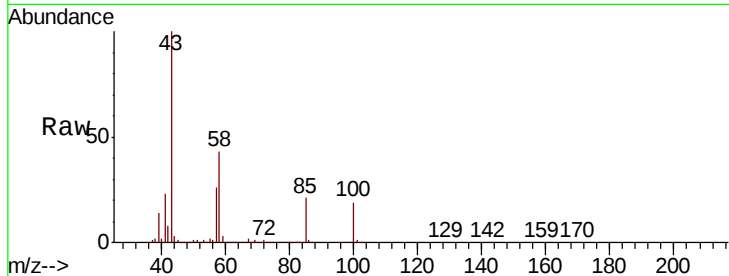




#51
 4-Methyl-2-Pentanone
 Concen: 89.139 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010325.D
 Acq: 17 Jun 2019 15:35

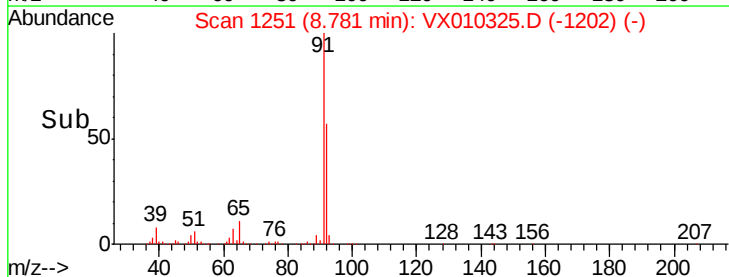
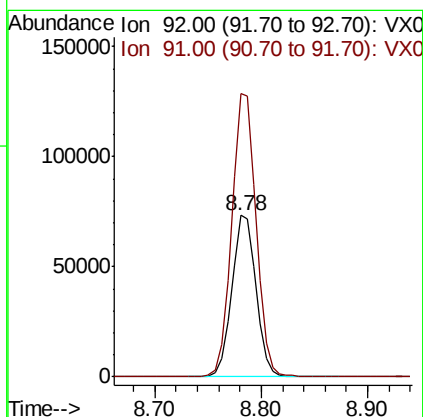
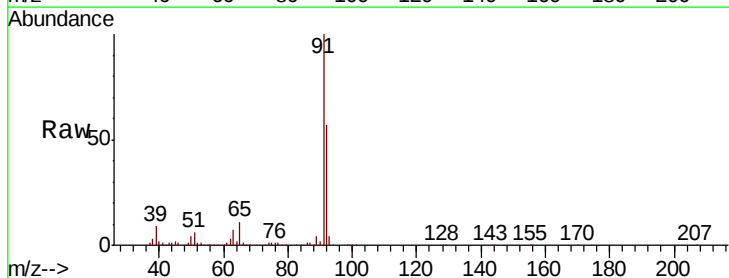
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617MBS01

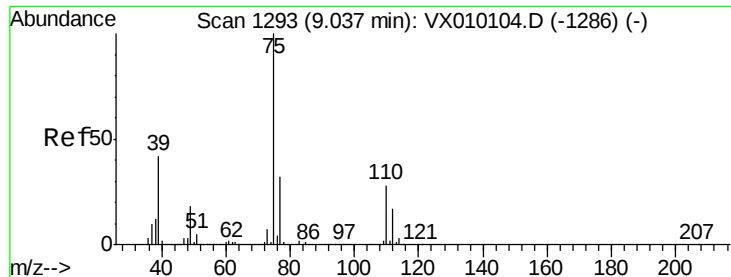
Tgt Ion: 43 Resp: 331384
 Ion Ratio Lower Upper
 43 100
 58 42.3 28.8 43.2



#52
 Toluene
 Concen: 16.104 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX010325.D
 Acq: 17 Jun 2019 15:35

Tgt Ion: 92 Resp: 117096
 Ion Ratio Lower Upper
 92 100
 91 176.2 139.9 209.9

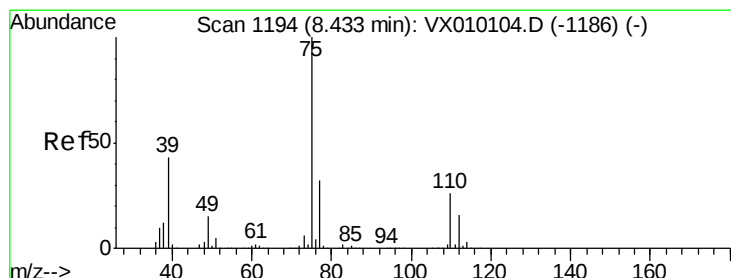
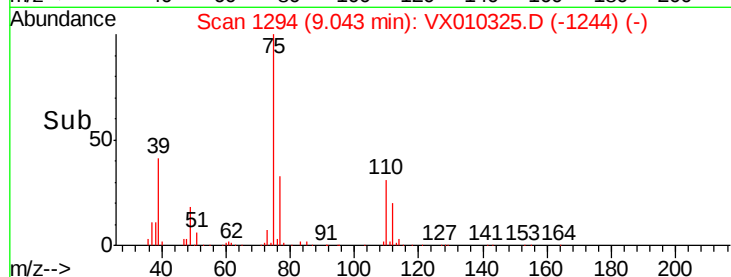
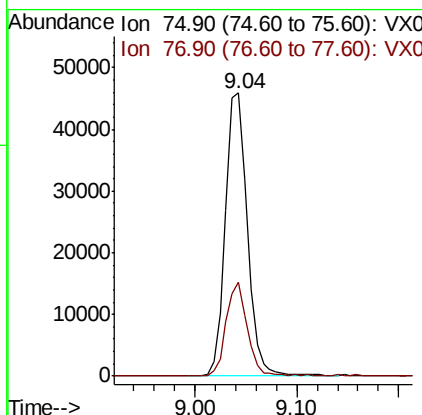
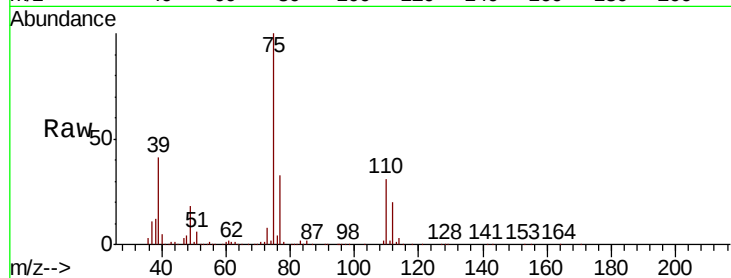




#53
 t-1,3-Dichloropropene
 Concen: 15.325 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010325.D
 Acq: 17 Jun 2019 15:35

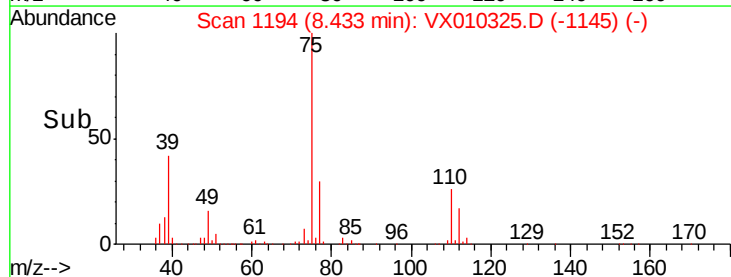
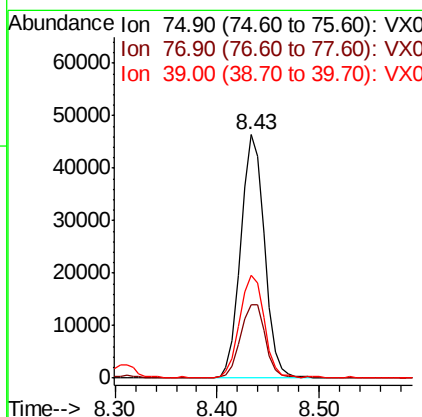
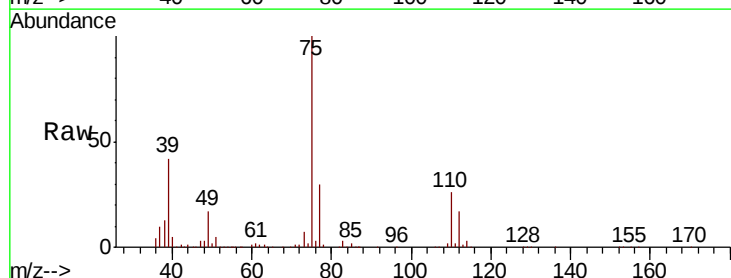
Instrument :
 MSVOA_X
 ClientSampled :
 VX0617MBS01

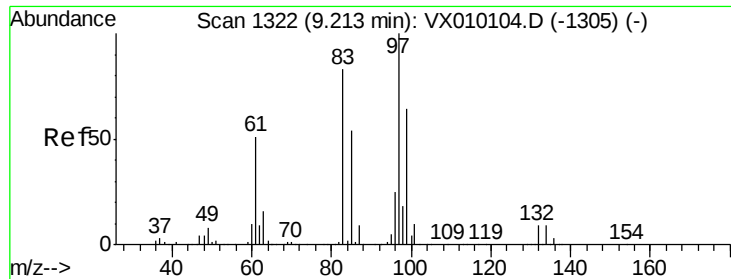
Tgt Ion: 75 Resp: 68701
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 15.617 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010325.D
 Acq: 17 Jun 2019 15:35

Tgt Ion: 75 Resp: 75052
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.8 37.2
 39 41.9 43.4 65.0#

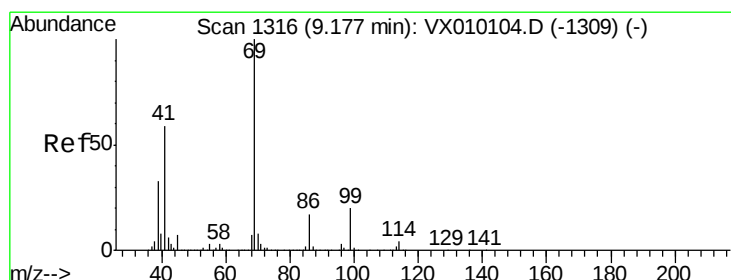
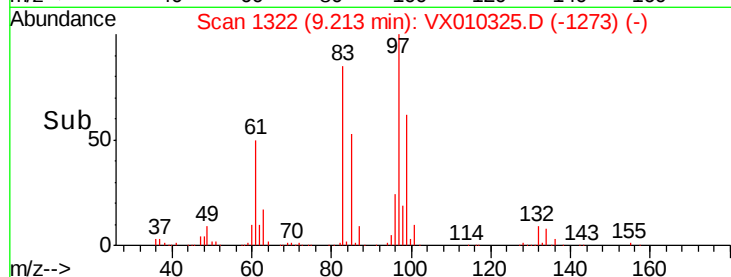
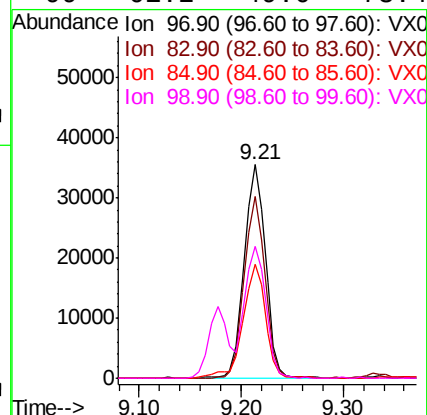
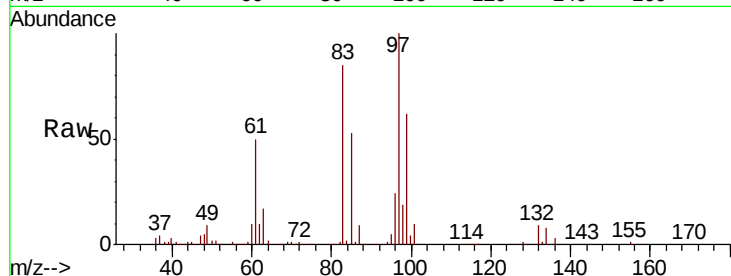




#55
 1,1,2-Trichloroethane
 Concen: 17.282 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010325.D
 Acq: 17 Jun 2019 15:35

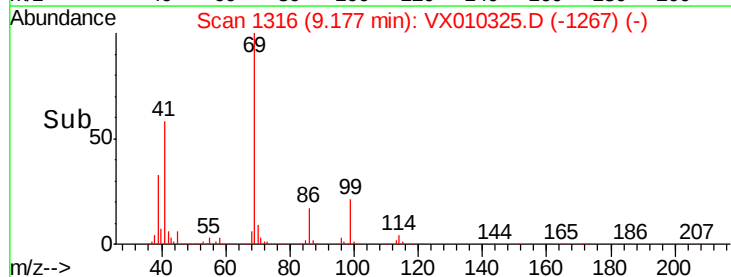
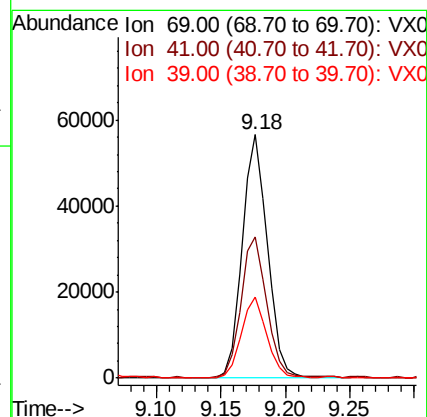
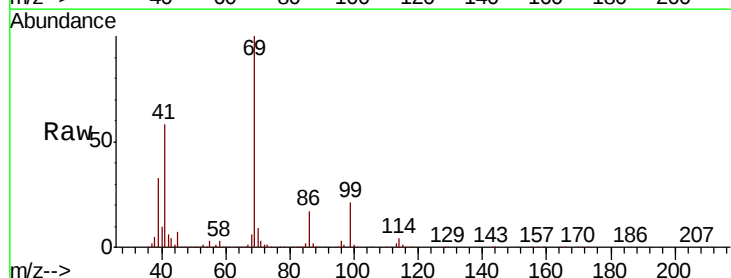
Instrument :
 MSVOA_X
 ClientSampled :
 VX0617MBS01

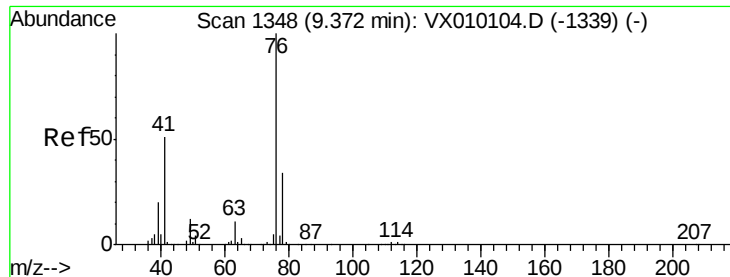
Tgt Ion: 97 Resp: 51463
 Ion Ratio Lower Upper
 97 100
 83 84.8 69.8 104.8
 85 53.4 45.3 67.9
 99 61.2 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 16.340 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010325.D
 Acq: 17 Jun 2019 15:35

Tgt Ion: 69 Resp: 76861
 Ion Ratio Lower Upper
 69 100
 41 58.6 62.7 94.1#
 39 32.7 29.5 44.3

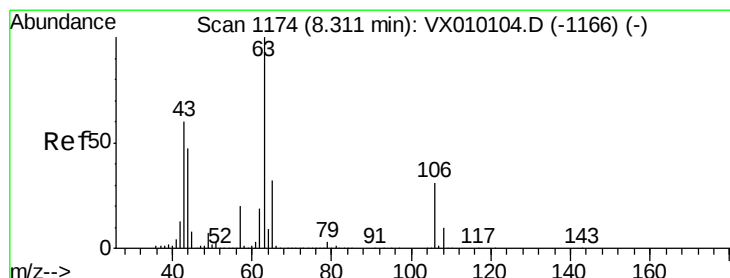
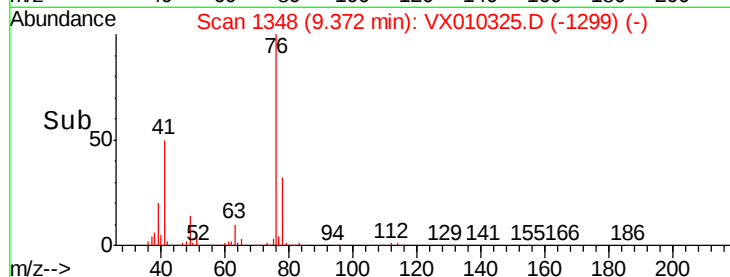
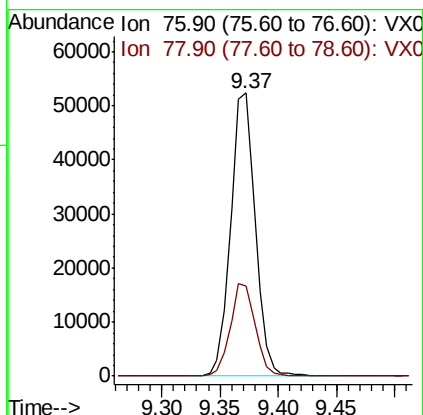
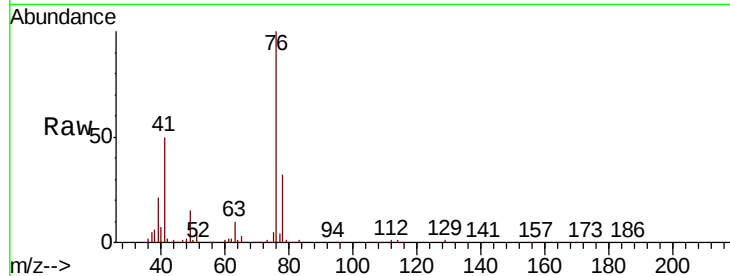




#57
 1,3-Dichloropropane
 Concen: 16.521 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010325.D
 Acq: 17 Jun 2019 15:35

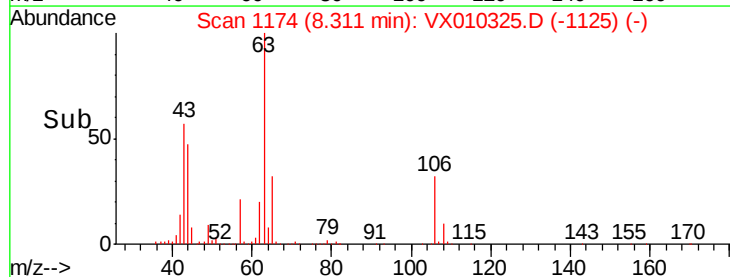
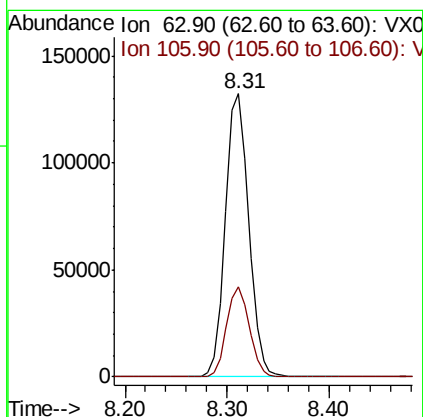
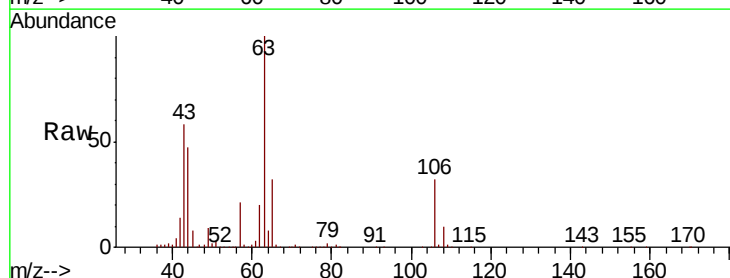
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617MBS01

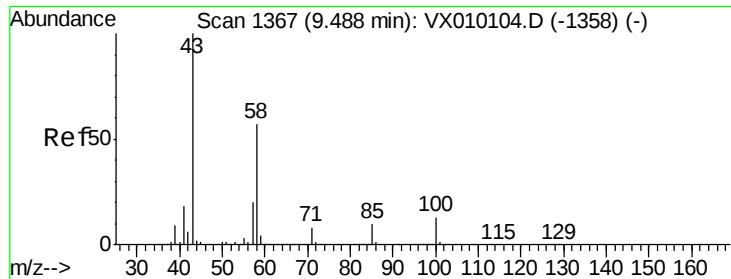
Tgt Ion: 76 Resp: 77454
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.803 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010325.D
 Acq: 17 Jun 2019 15:35

Tgt Ion: 63 Resp: 210228
 Ion Ratio Lower Upper
 63 100
 106 31.2 19.4 29.2#

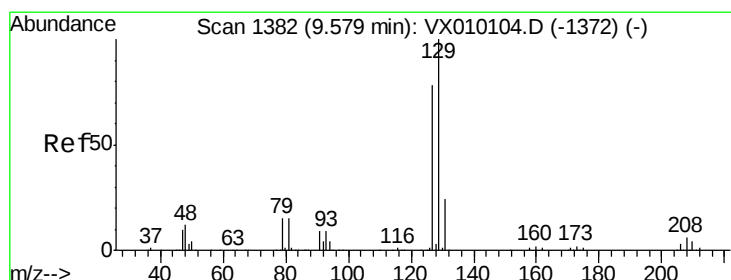
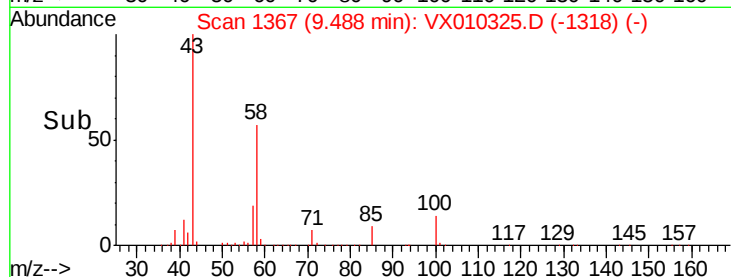
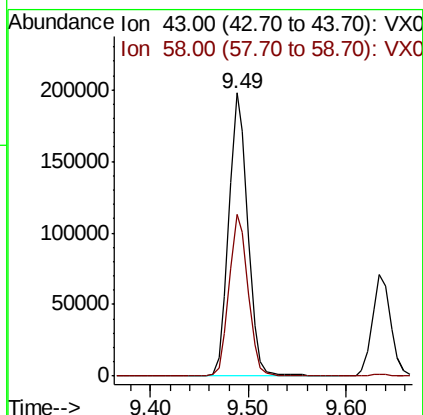
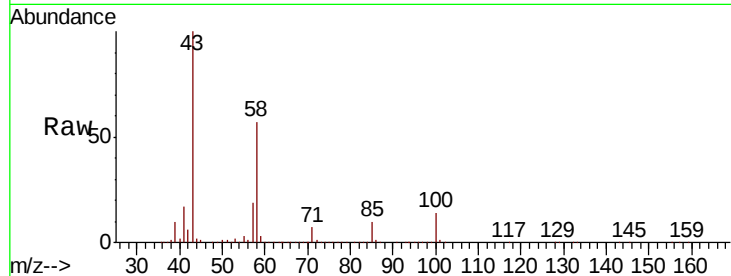




#59
2-Hexanone
Concen: 89.595 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

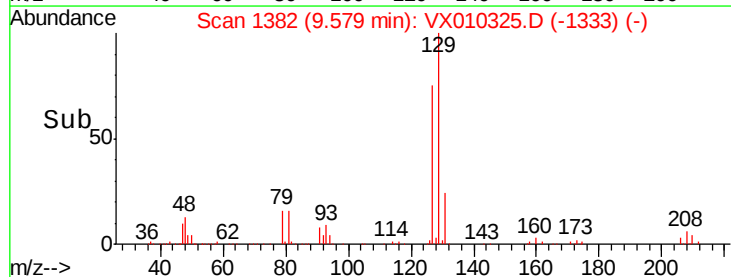
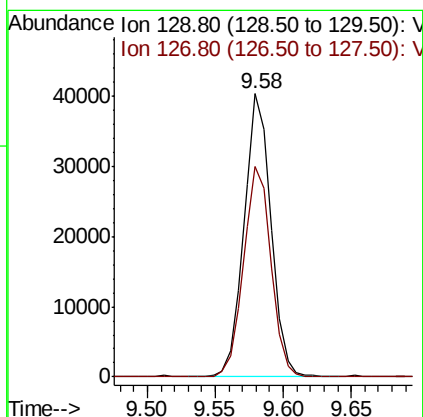
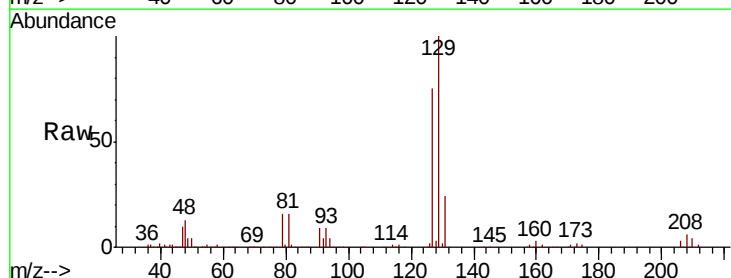
Instrument :
MSVOA_X
ClientSampleId :
VX0617MBS01

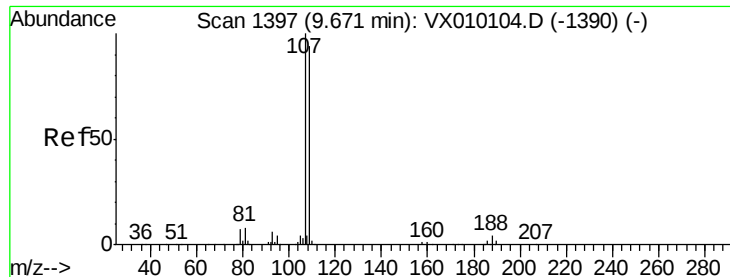
Tgt Ion: 43 Resp: 265569
Ion Ratio Lower Upper
43 100
58 57.4 25.1 75.3



#60
Dibromochloromethane
Concen: 15.763 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

Tgt Ion: 129 Resp: 55520
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 15.993 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

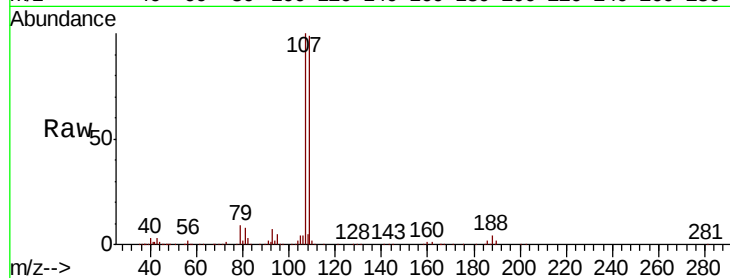
VX0617MBS01

Tgt Ion: 107 Resp: 53041

Ion Ratio Lower Upper

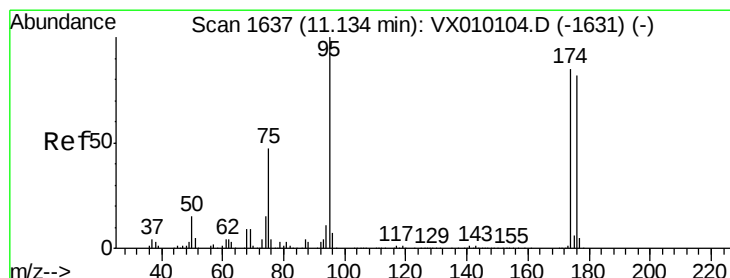
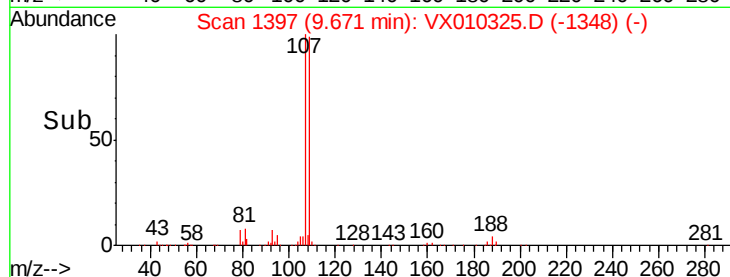
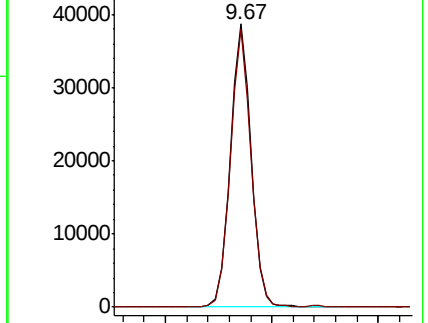
107 100

109 97.2 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.680 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

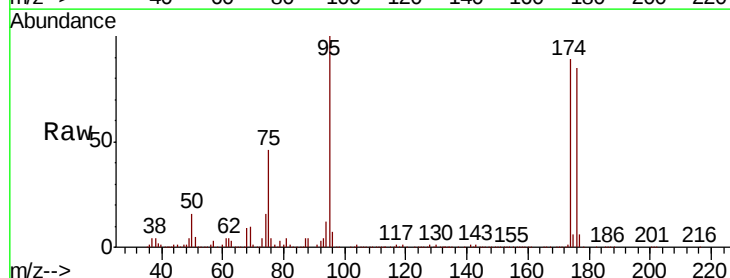
Tgt Ion: 95 Resp: 195630

Ion Ratio Lower Upper

95 100

174 95.4 0.0 160.4

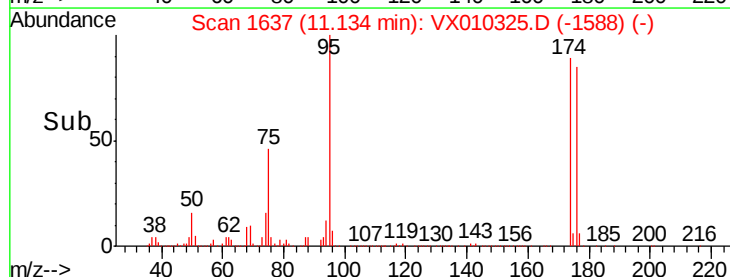
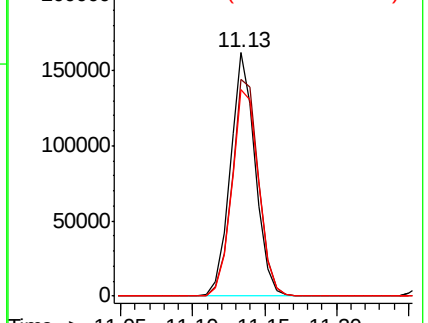
176 91.3 0.0 154.6

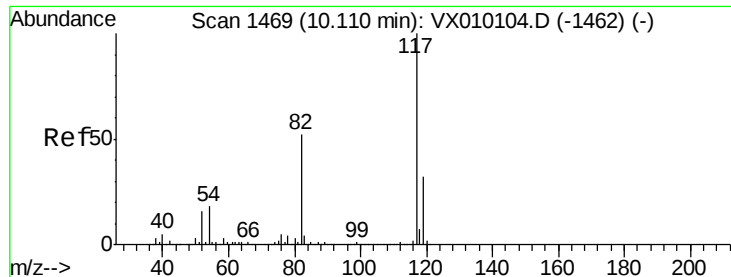


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

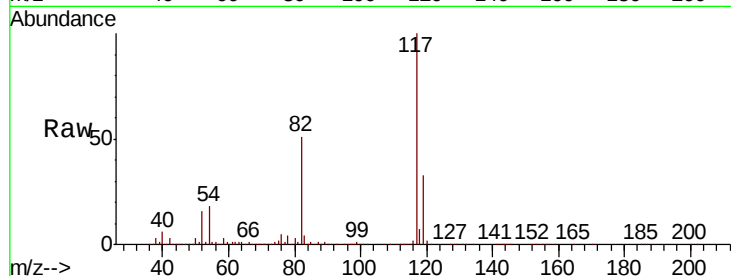




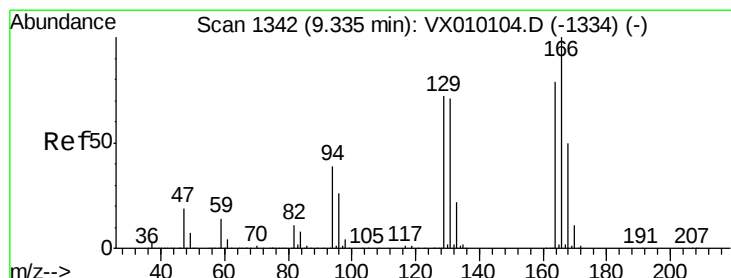
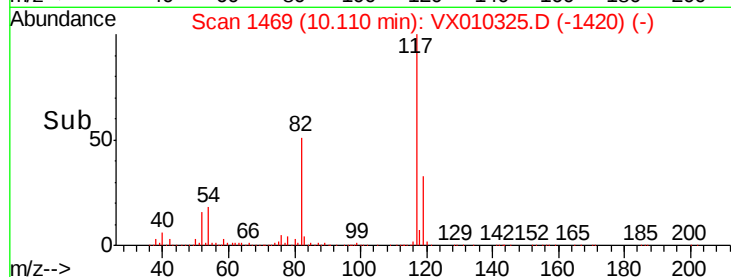
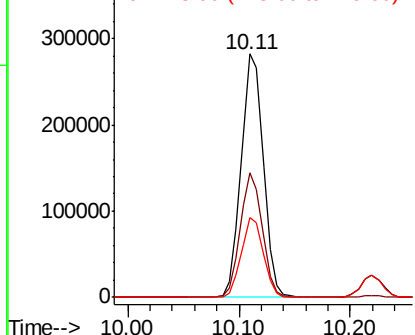
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
VX0617MBS01

Tgt Ion:117 Resp: 391834
Ion Ratio Lower Upper
117 100
82 51.3 49.2 73.8
119 32.7 25.2 37.8

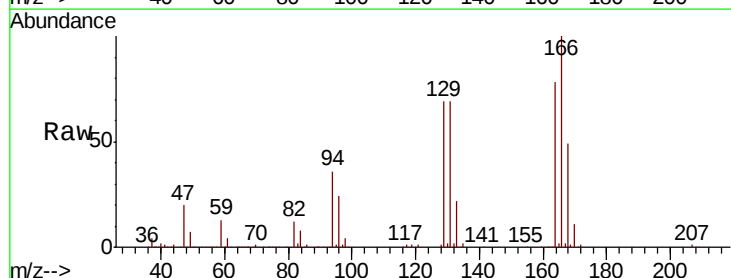


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

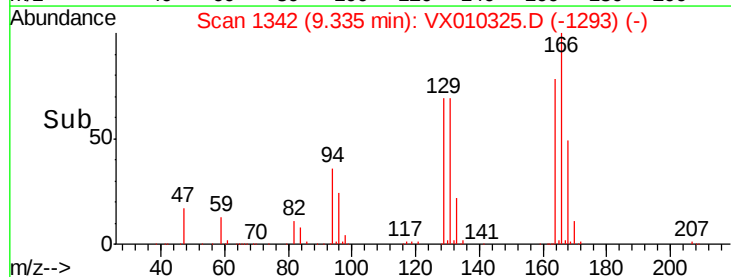
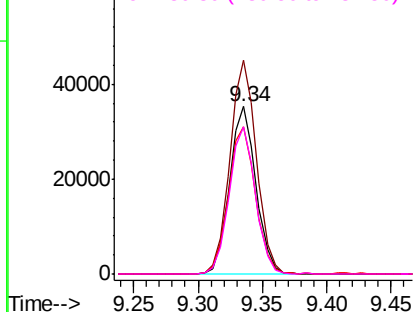


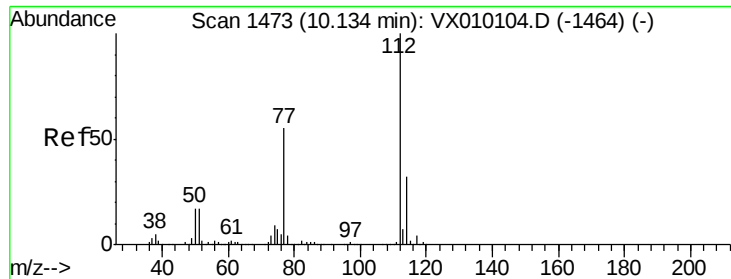
#64
Tetrachloroethene
Concen: 17.332 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

Tgt Ion:164 Resp: 50439
Ion Ratio Lower Upper
164 100
166 127.5 105.0 157.4
129 87.6 75.1 112.7
131 88.1 72.2 108.4



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

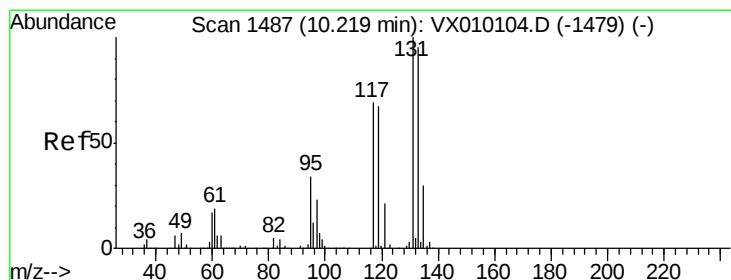
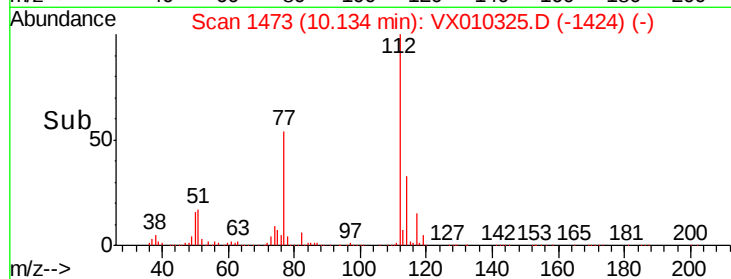
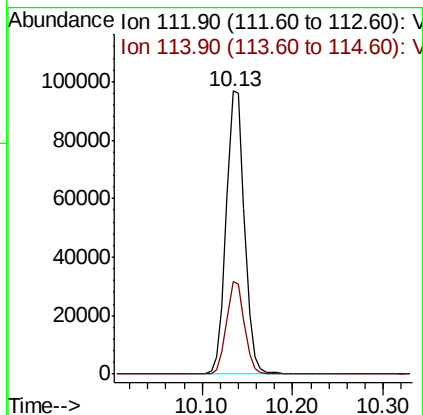
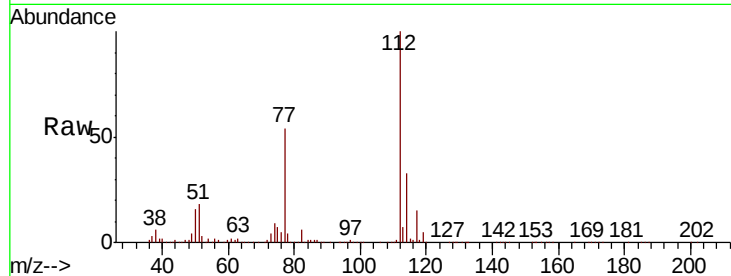




#65
Chlorobenzene
Concen: 16.759 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

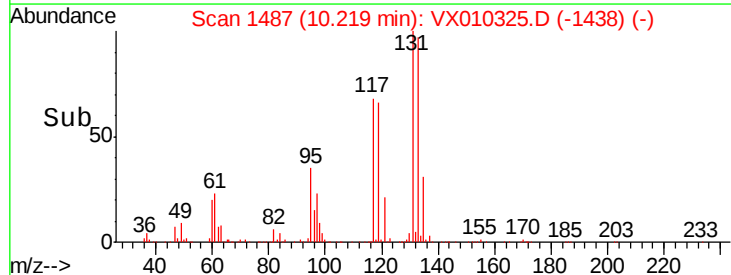
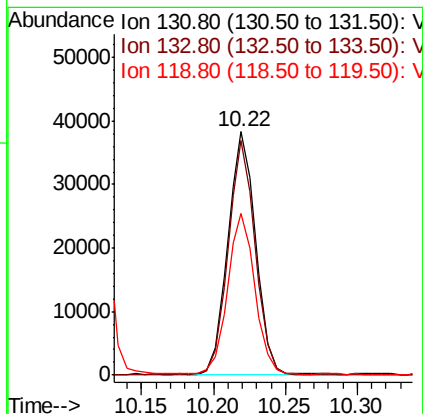
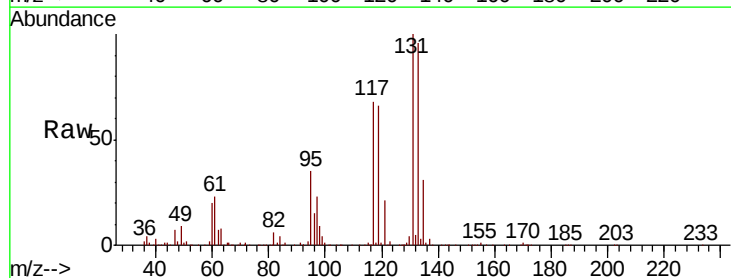
Instrument :
MSVOA_X
ClientSampleId :
VX0617MBS01

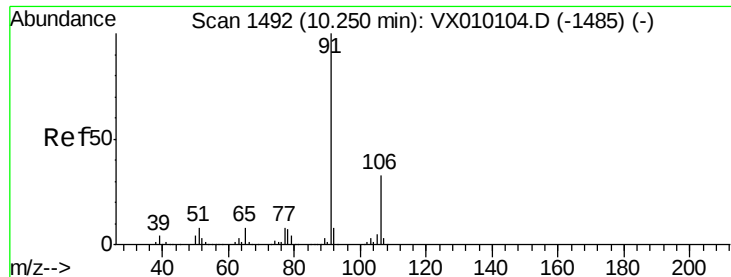
Tgt Ion:112 Resp: 135536
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 16.600 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

Tgt Ion:131 Resp: 51627
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.6
119 65.2 33.4 100.1

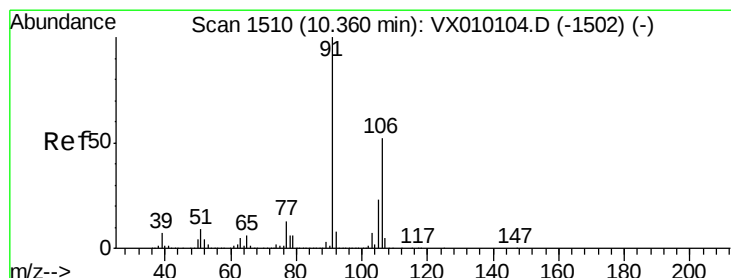
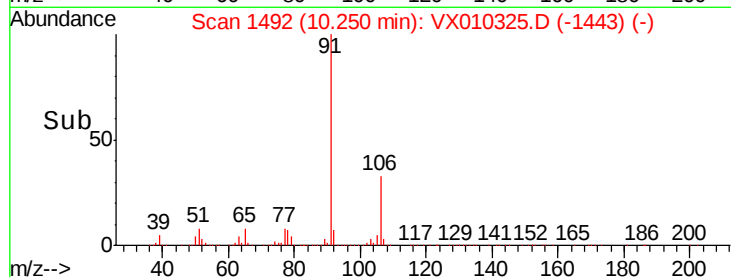
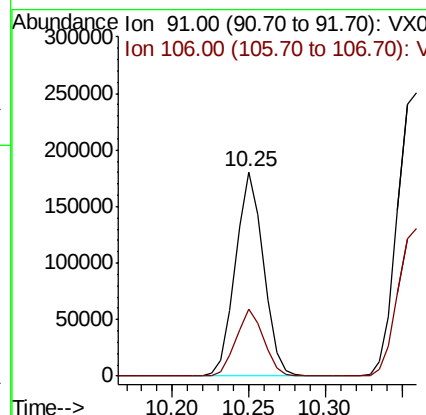
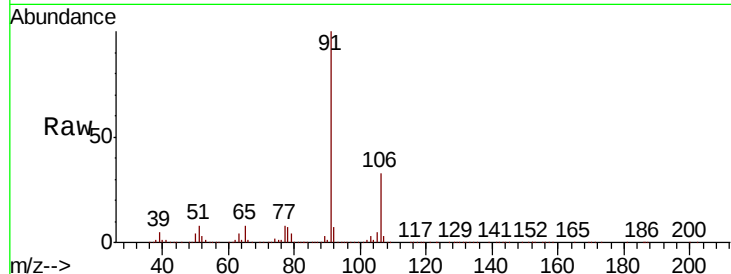




#67
Ethyl Benzene
Concen: 16.639 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

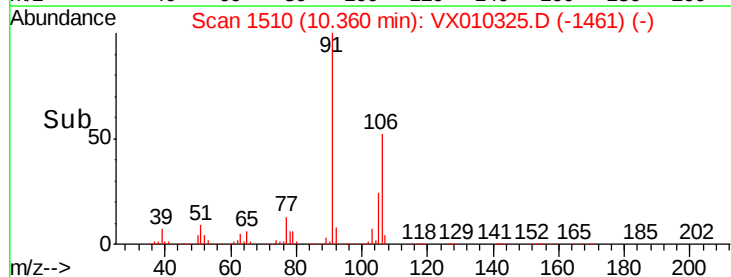
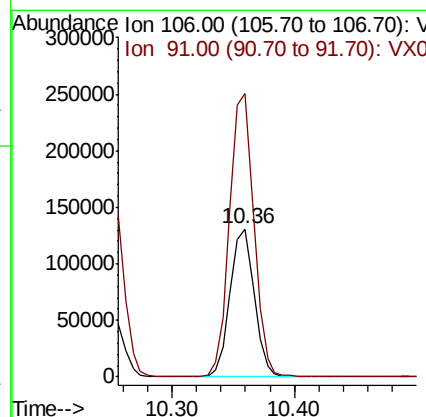
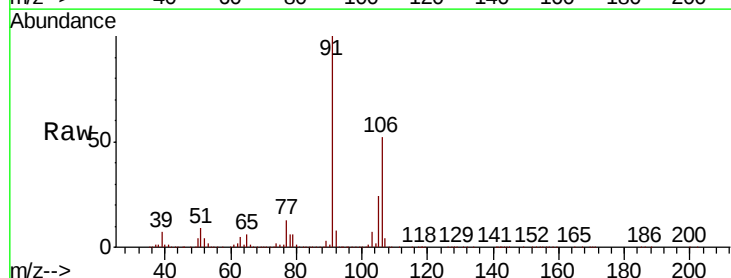
Instrument :
MSVOA_X
ClientSampleId :
VX0617MBS01

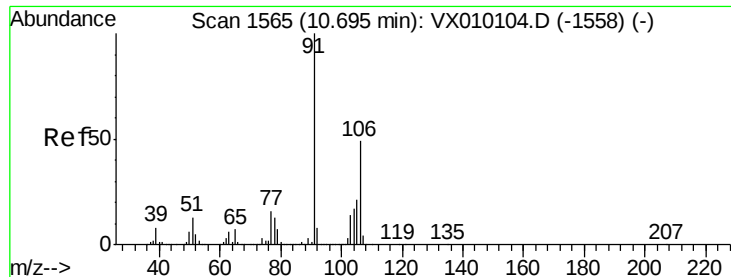
Tgt Ion: 91 Resp: 229072
Ion Ratio Lower Upper
91 100
106 32.8 23.9 35.9



#68
m/p-Xylenes
Concen: 33.461 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

Tgt Ion: 106 Resp: 178261
Ion Ratio Lower Upper
106 100
91 193.5 167.3 250.9

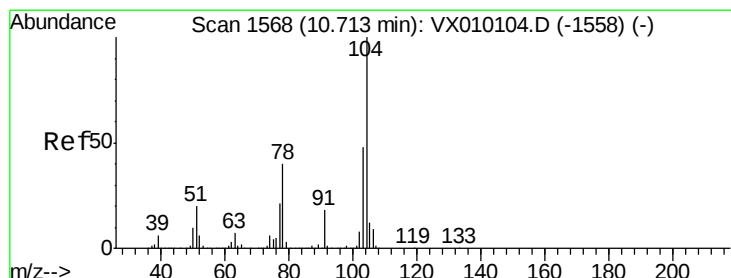
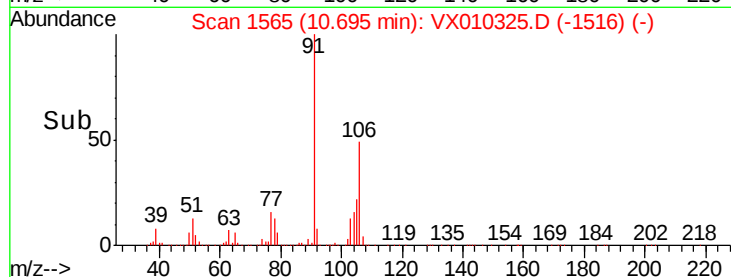
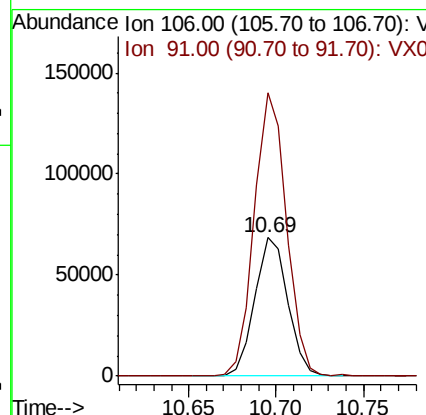
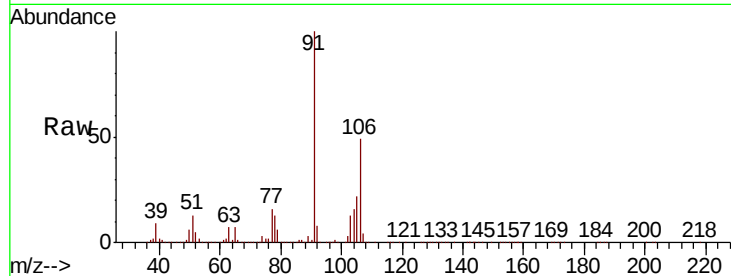




#69
o-Xylene
Concen: 16.970 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

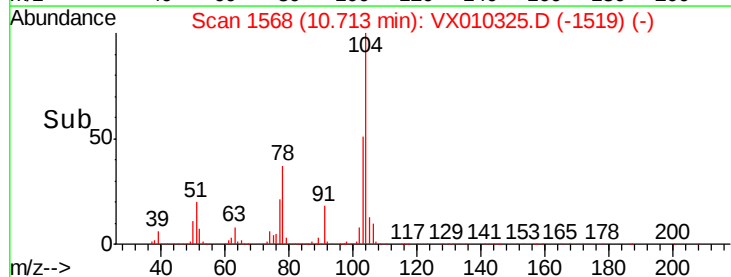
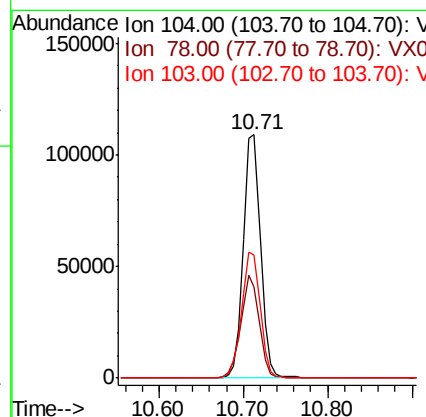
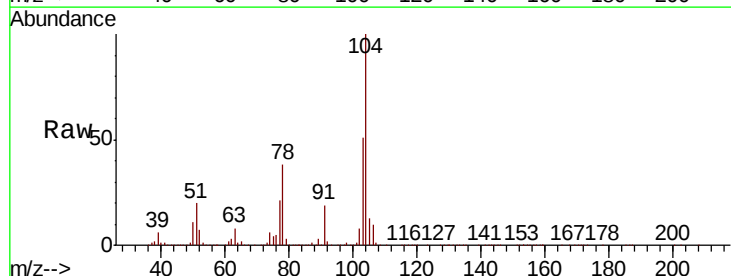
Instrument :
MSVOA_X
ClientSampleId :
VX0617MBS01

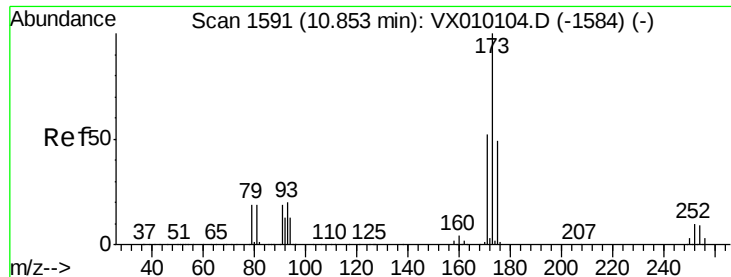
Tgt Ion:106 Resp: 89870
Ion Ratio Lower Upper
106 100
91 200.0 110.4 331.2



#70
Styrene
Concen: 16.653 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

Tgt Ion:104 Resp: 149361
Ion Ratio Lower Upper
104 100
78 44.6 42.1 63.1
103 56.0 44.1 66.1





#71

Bromoform

Concen: 15.715 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

VX0617MBS01

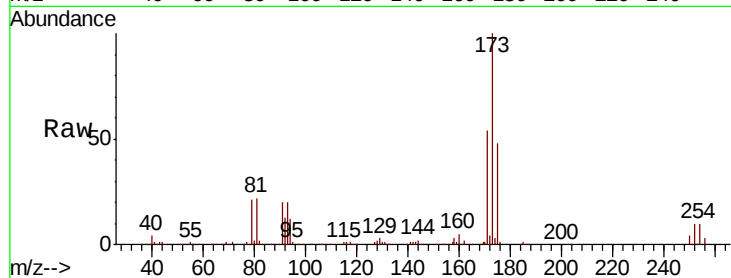
Tgt Ion:173 Resp: 44931

Ion Ratio Lower Upper

173 100

175 47.8 25.0 75.0

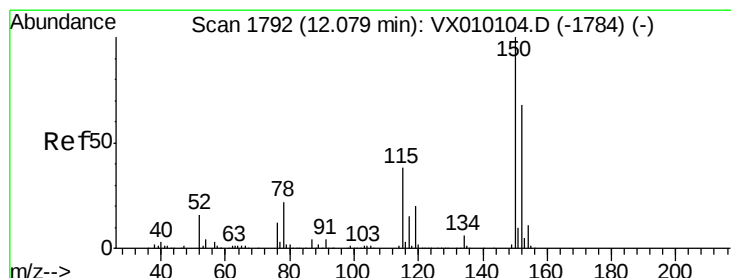
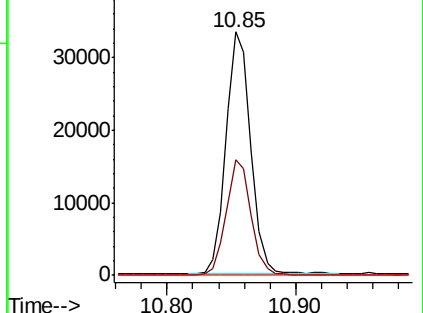
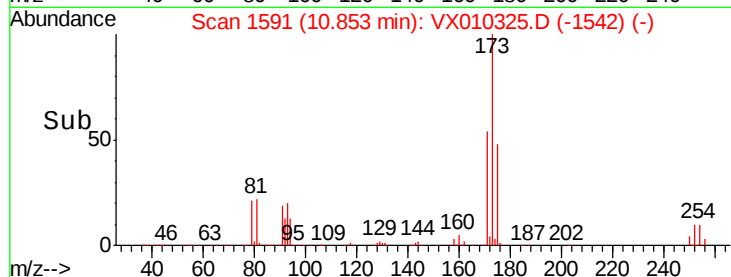
254 0.0 0.2 0.2#



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: VX010325.D

Acq: 17 Jun 2019 15:35

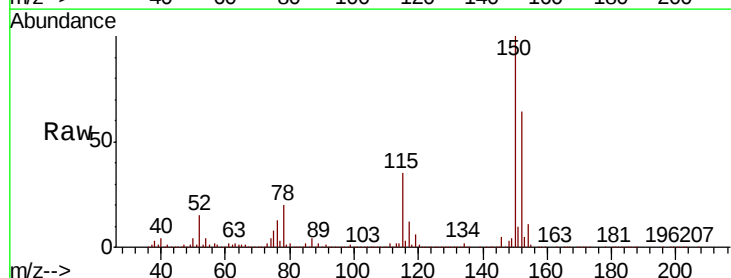
Tgt Ion:152 Resp: 204632

Ion Ratio Lower Upper

152 100

115 63.0 41.4 124.2

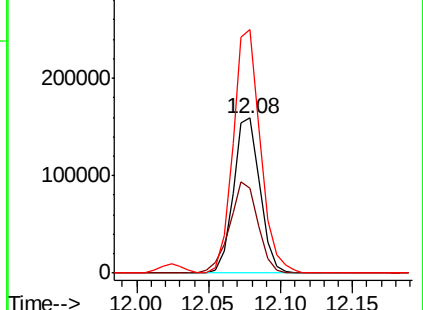
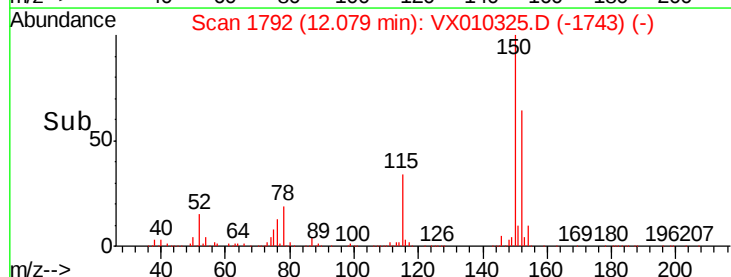
150 161.4 0.0 345.2

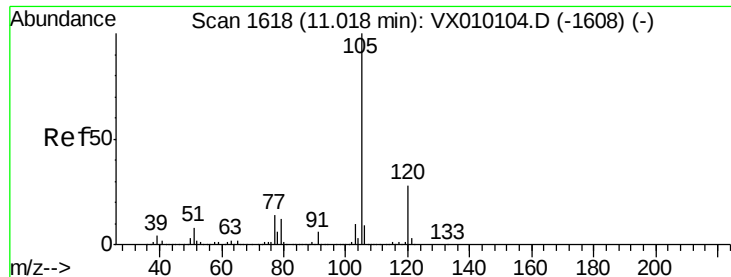


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 16.440 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

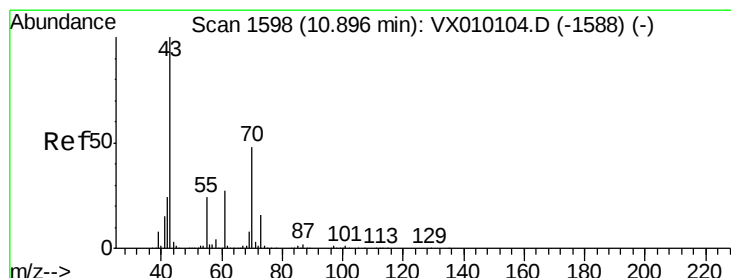
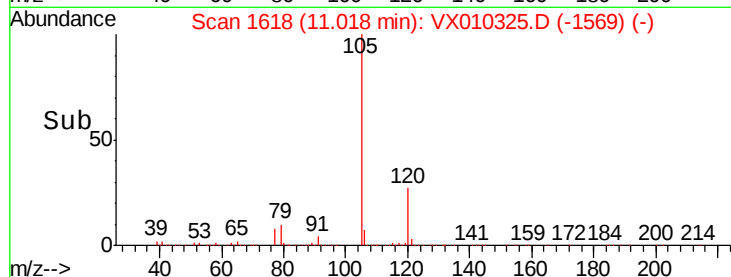
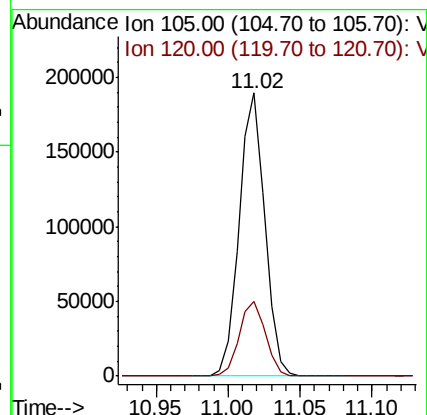
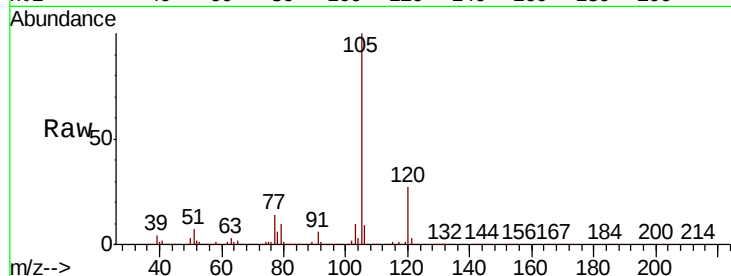
VX0617MBS01

Tgt Ion:105 Resp: 234836

Ion Ratio Lower Upper

105 100

120 27.0 12.8 38.4



#74

N-ethyl acetate

Concen: 16.484 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Tgt Ion: 43 Resp: 93080

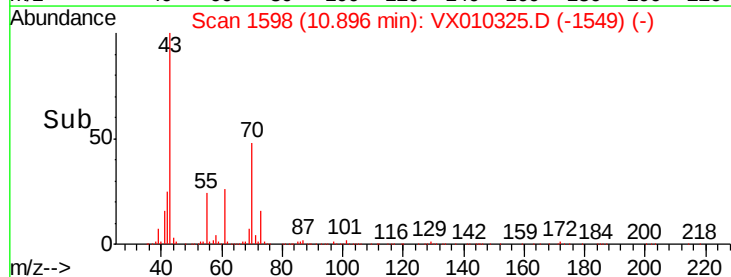
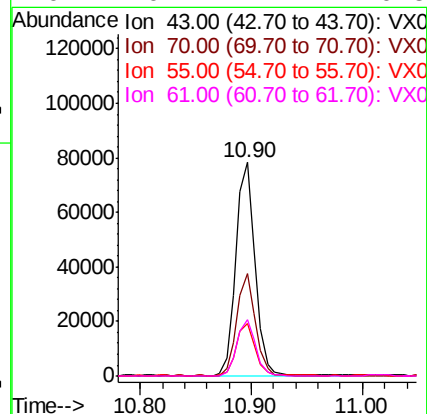
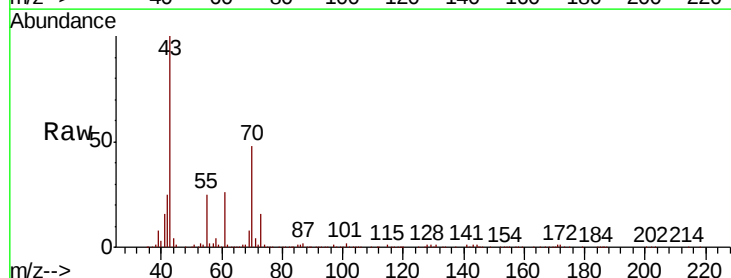
Ion Ratio Lower Upper

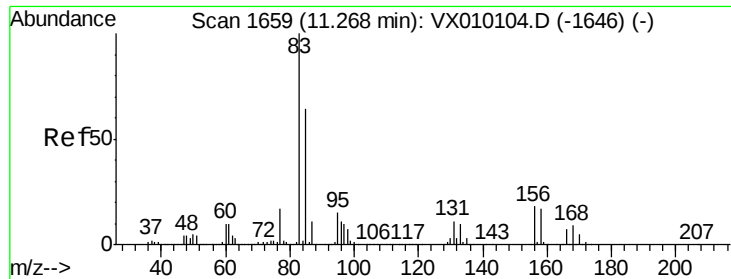
43 100

70 46.6 28.6 43.0#

55 24.3 17.8 26.8

61 26.2 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 16.312 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

VX0617MBS01

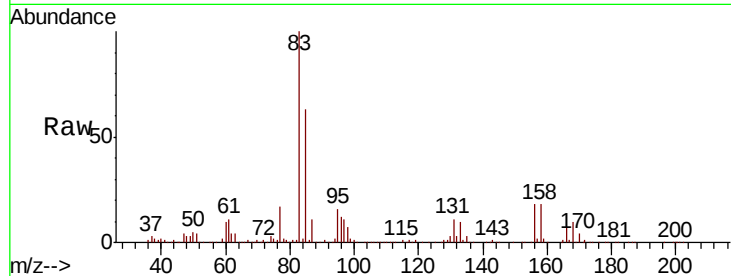
Tgt Ion: 83 Resp: 79760

Ion Ratio Lower Upper

83 100

131 11.2 4.7 14.1

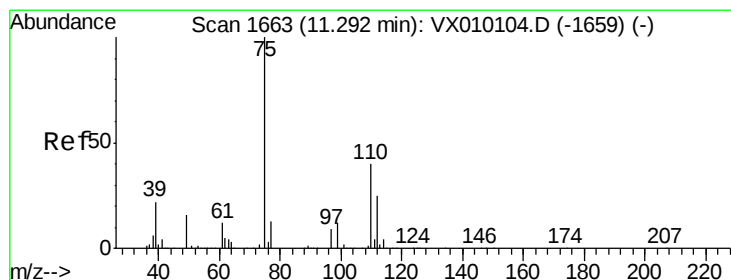
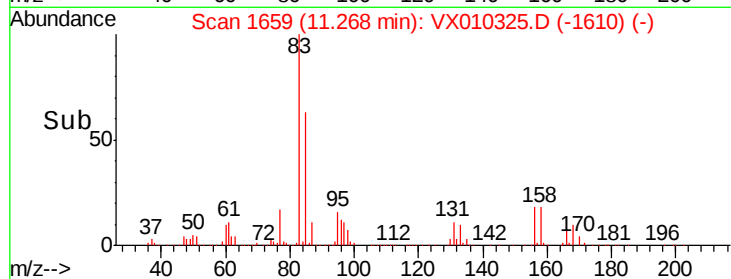
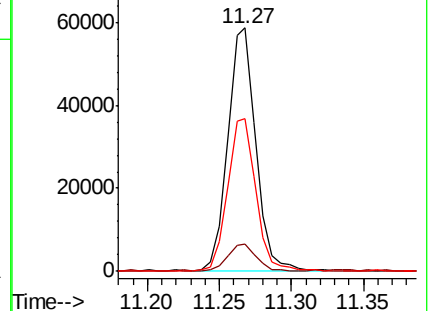
85 64.3 31.9 95.9



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: 21.400 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010325.D

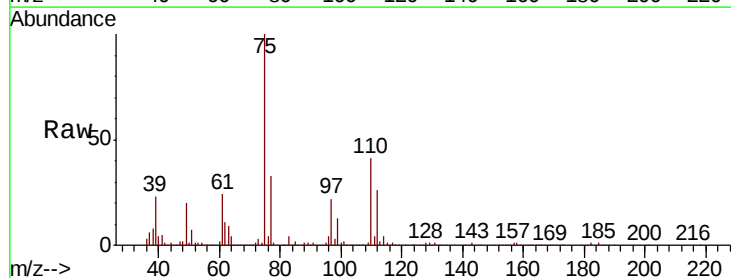
Acq: 17 Jun 2019 15:35

Tgt Ion: 75 Resp: 87592

Ion Ratio Lower Upper

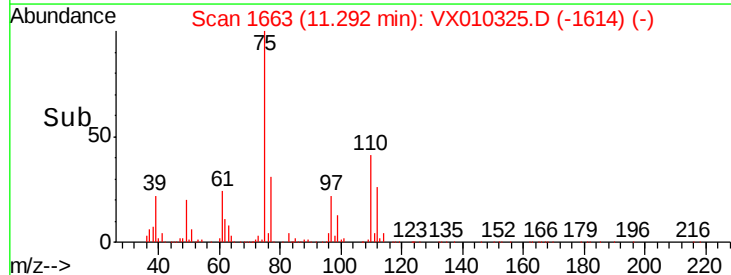
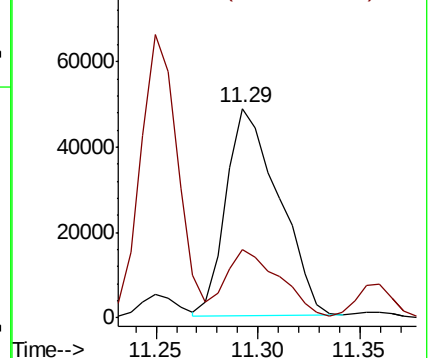
75 100

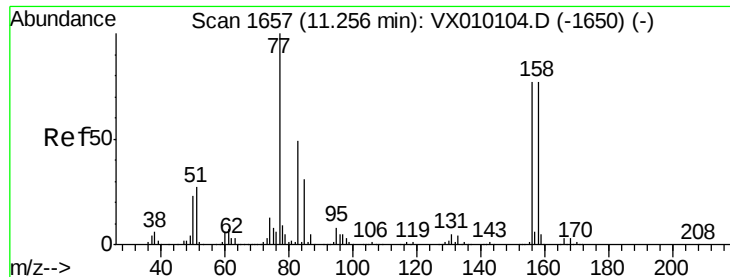
77 32.9 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.512 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

VX0617MBS01

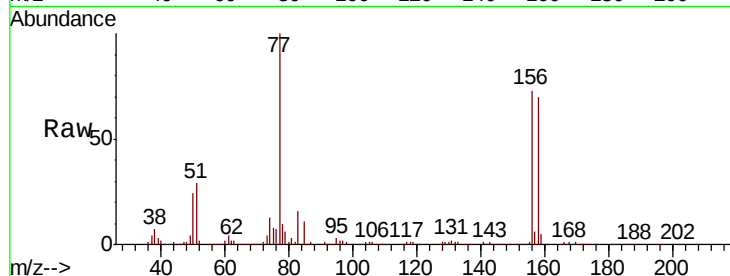
Tgt Ion:156 Resp: 64864

Ion Ratio Lower Upper

156 100

77 128.9 86.8 260.3

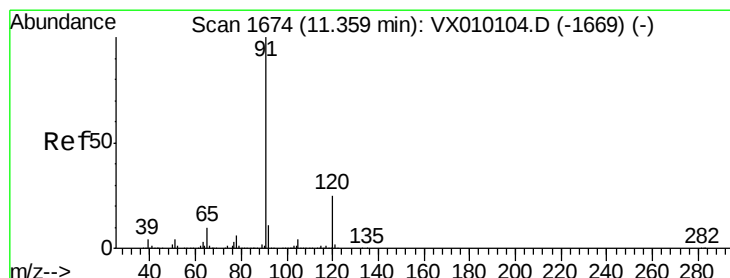
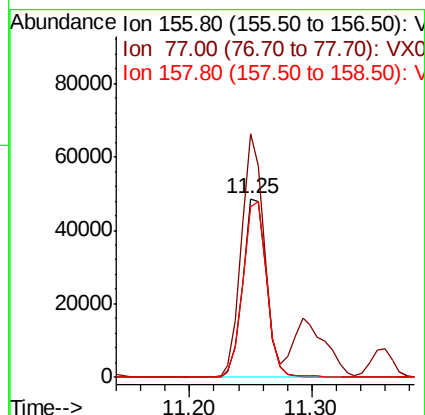
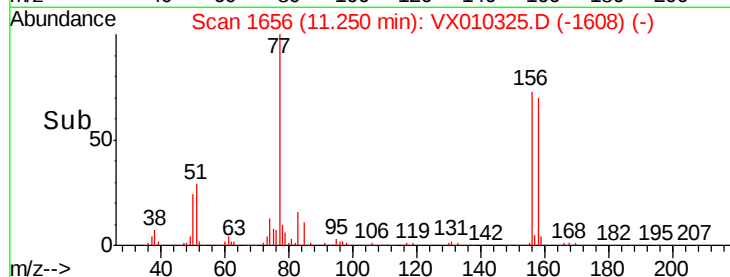
158 97.8 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 16.129 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010325.D

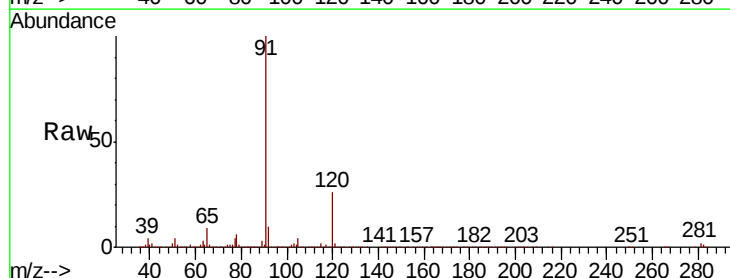
Acq: 17 Jun 2019 15:35

Tgt Ion: 91 Resp: 256503

Ion Ratio Lower Upper

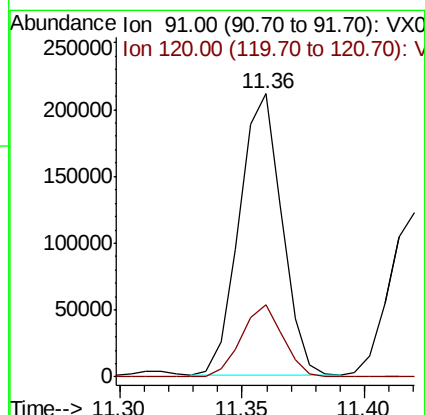
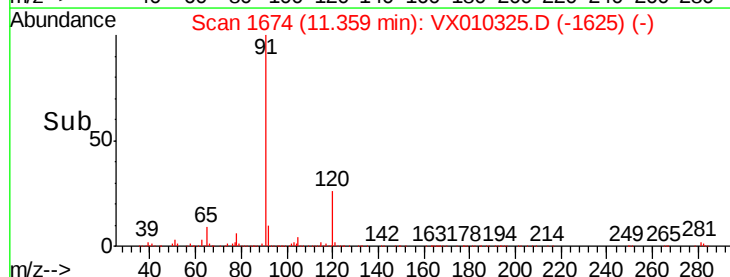
91 100

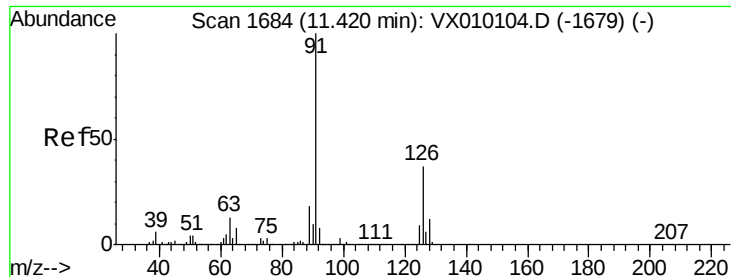
120 25.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 15.847 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

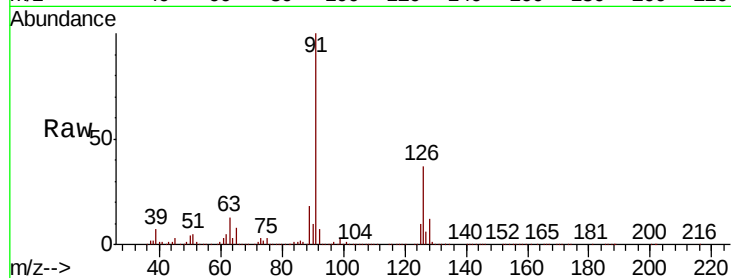
VX0617MBS01

Tgt Ion: 91 Resp: 151357

Ion Ratio Lower Upper

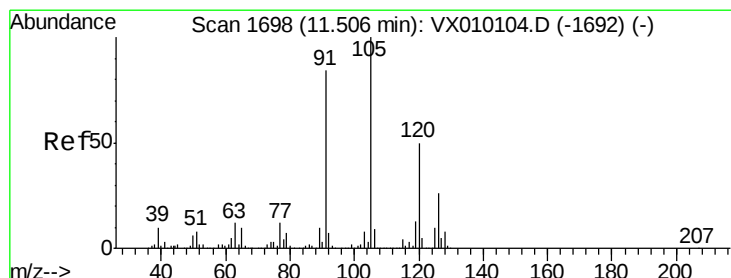
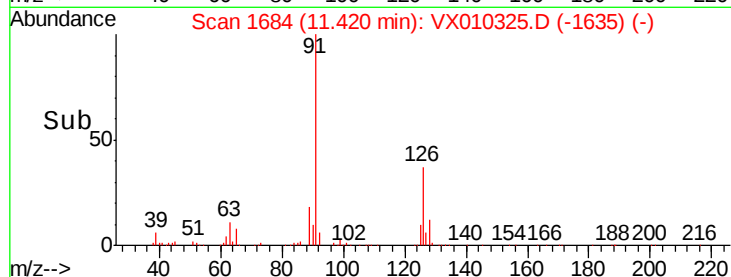
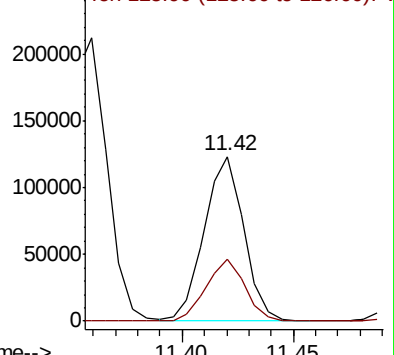
91 100

126 37.3 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 16.205 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010325.D

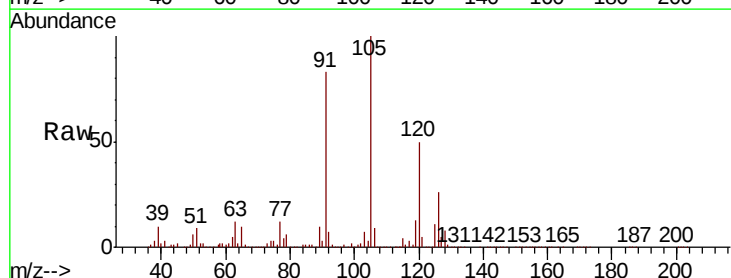
Acq: 17 Jun 2019 15:35

Tgt Ion: 105 Resp: 194971

Ion Ratio Lower Upper

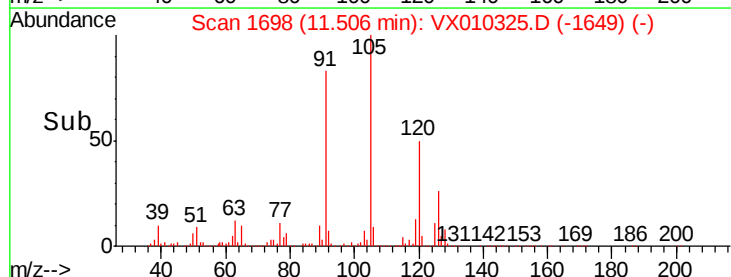
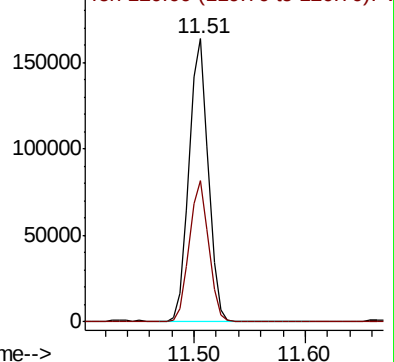
105 100

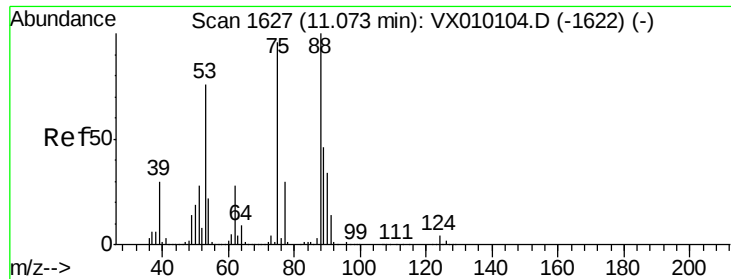
120 50.3 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 14.220 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

VX0617MBS01

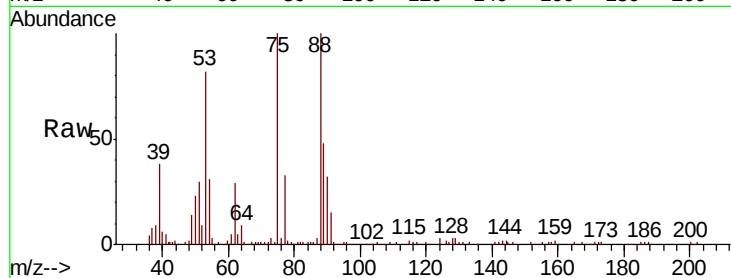
Tgt Ion: 75 Resp: 26343

Ion Ratio Lower Upper

75 100

53 83.9 79.8 119.6

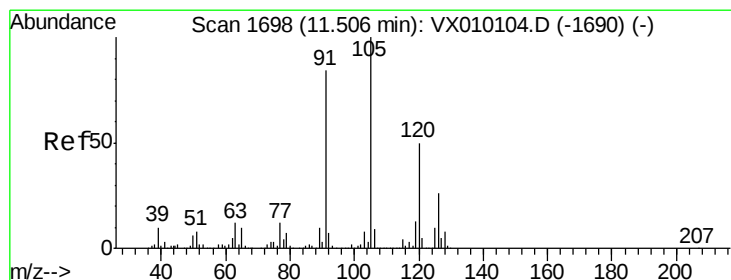
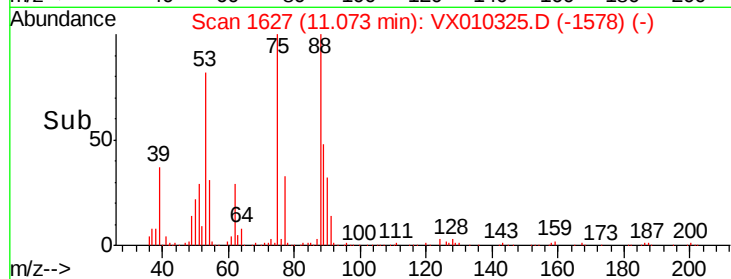
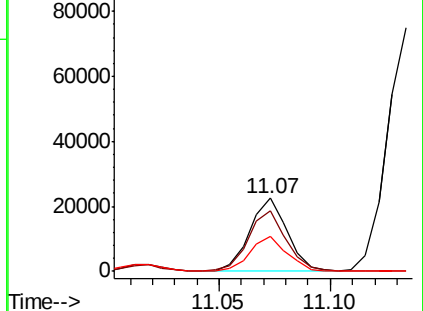
89 48.4 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 15.997 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010325.D

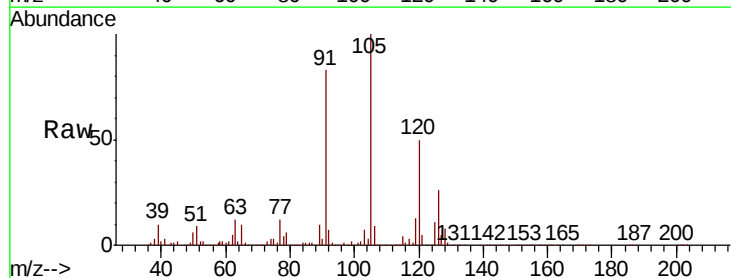
Acq: 17 Jun 2019 15:35

Tgt Ion: 91 Resp: 173567

Ion Ratio Lower Upper

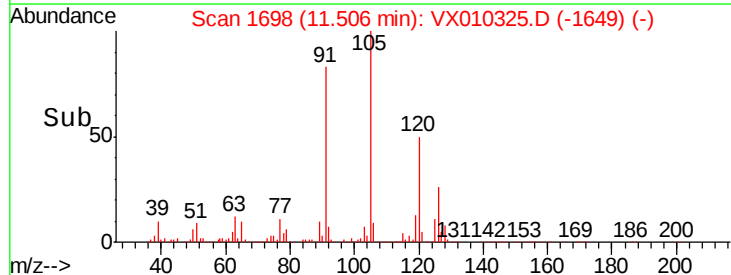
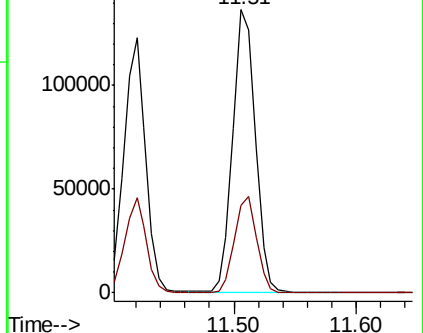
91 100

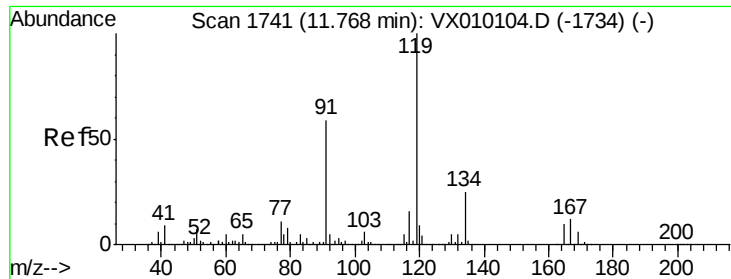
126 33.4 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

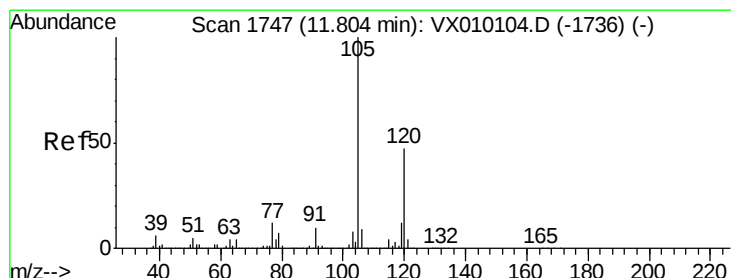
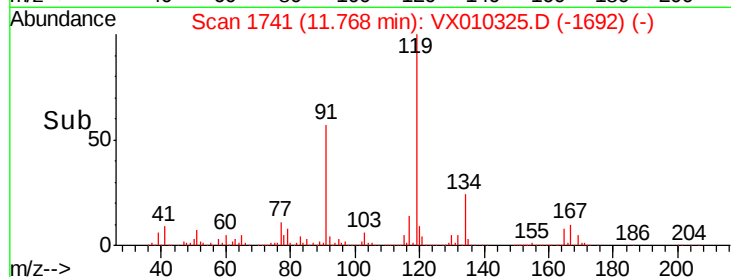
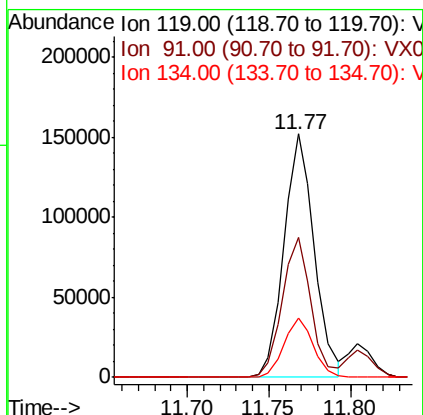
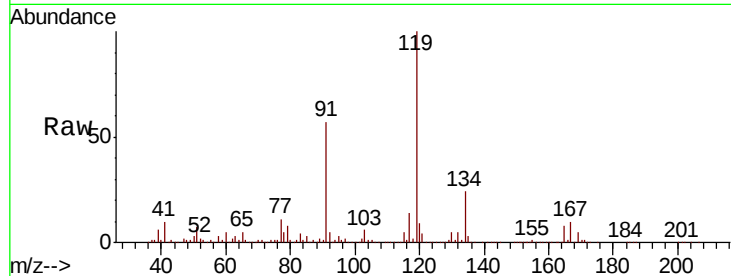




#83
 tert-Butylbenzene
 Concen: 16.113 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010325.D
 Acq: 17 Jun 2019 15:35

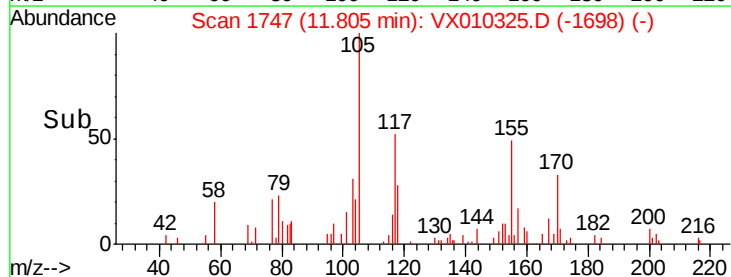
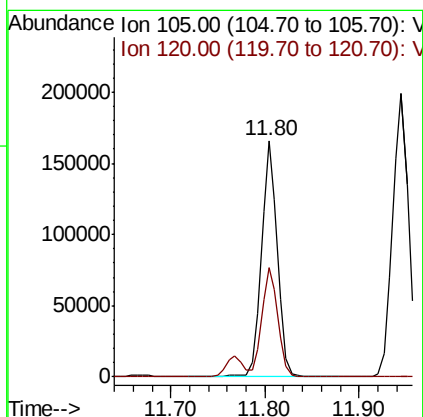
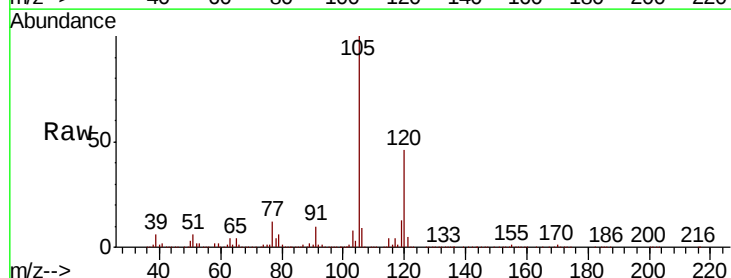
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617MBS01

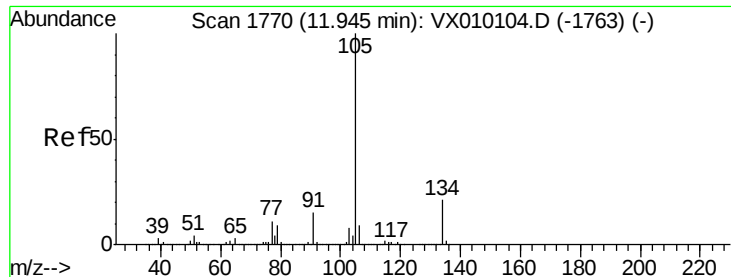
Tgt Ion:119 Resp: 196217
 Ion Ratio Lower Upper
 119 100
 91 55.0 30.0 90.0
 134 23.8 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 16.182 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010325.D
 Acq: 17 Jun 2019 15:35

Tgt Ion:105 Resp: 196658
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.1 66.1





#85

sec-Butylbenzene

Concen: 16.500 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

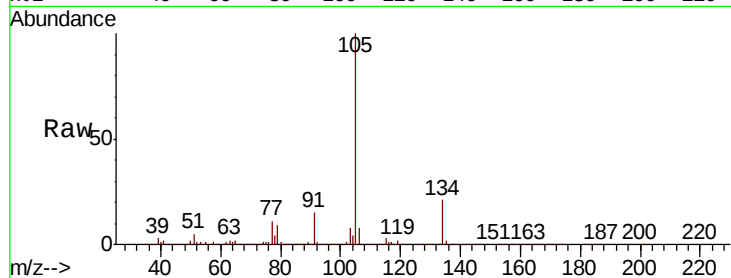
VX0617MBS01

Tgt Ion:105 Resp: 234089

Ion Ratio Lower Upper

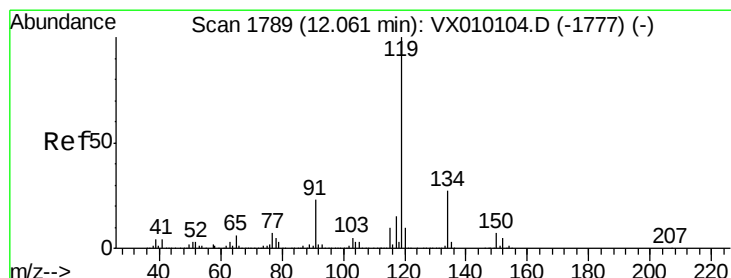
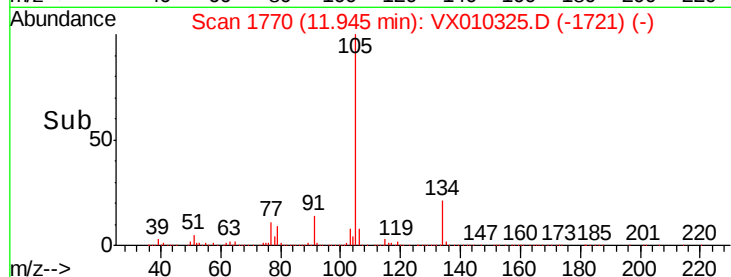
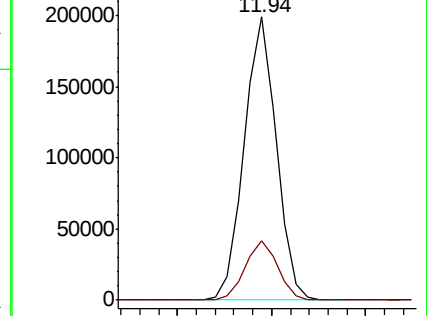
105 100

134 21.4 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 16.498 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

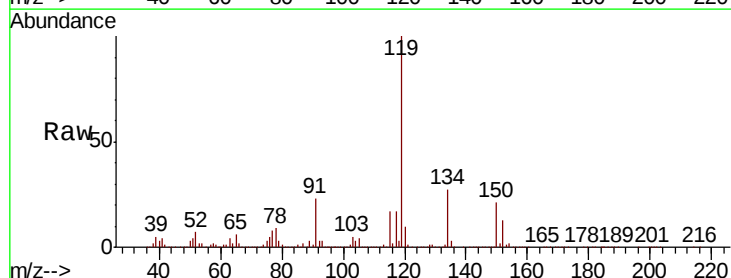
Tgt Ion:119 Resp: 213975

Ion Ratio Lower Upper

119 100

134 27.7 12.9 38.6

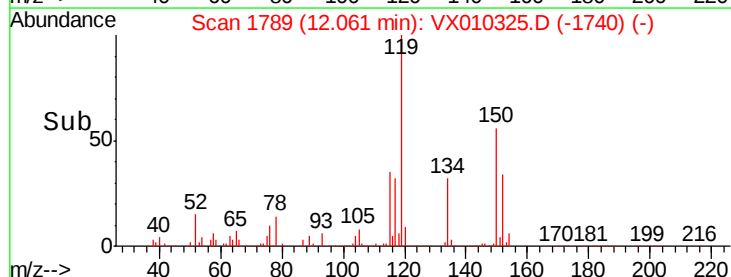
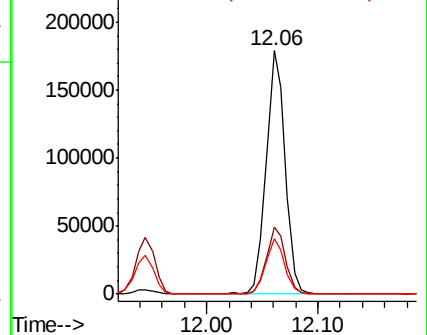
91 22.2 11.9 35.9

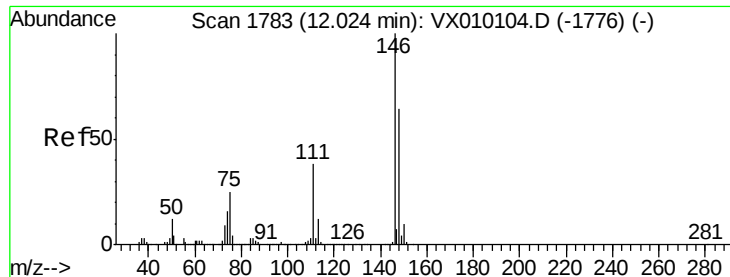


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

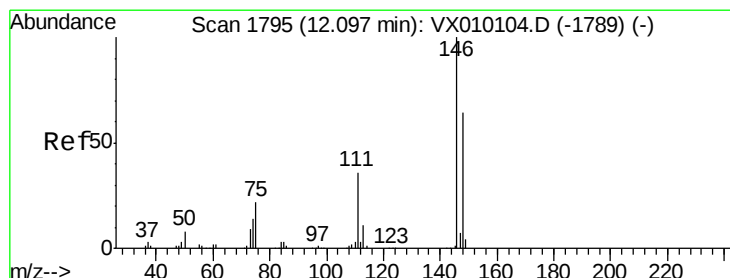
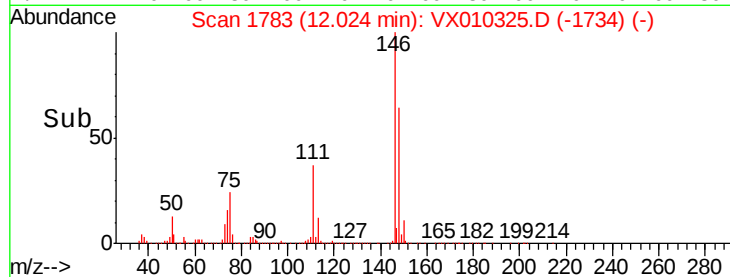
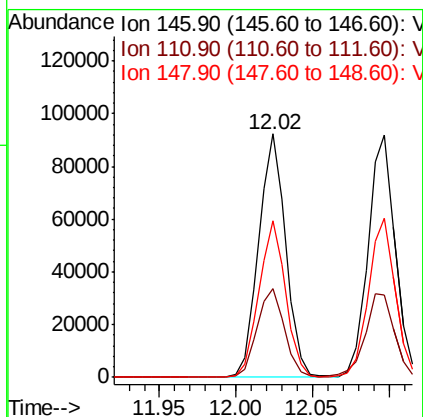
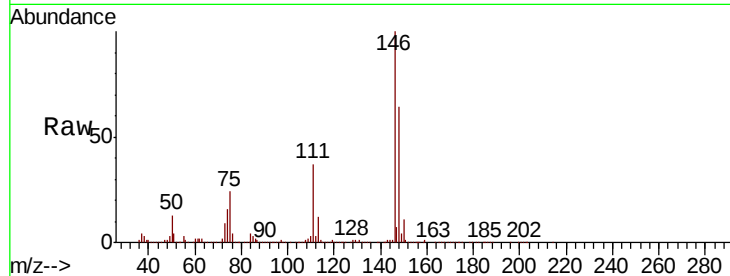




#87
 1,3-Dichlorobenzene
 Concen: 16.482 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010325.D
 Acq: 17 Jun 2019 15:35

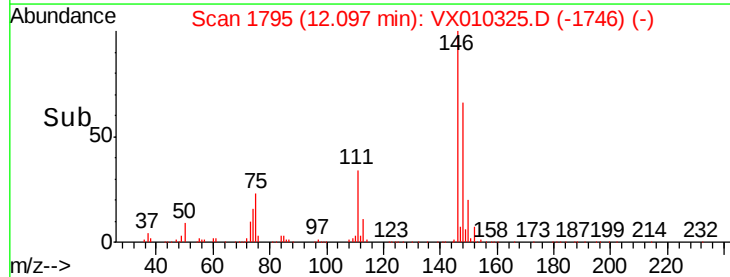
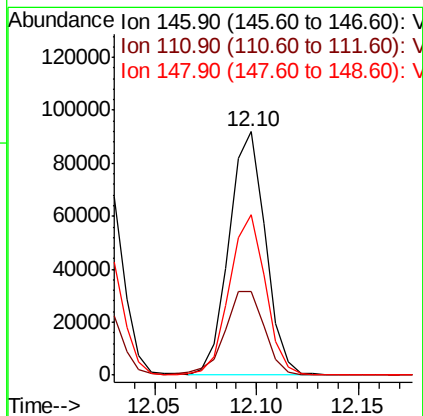
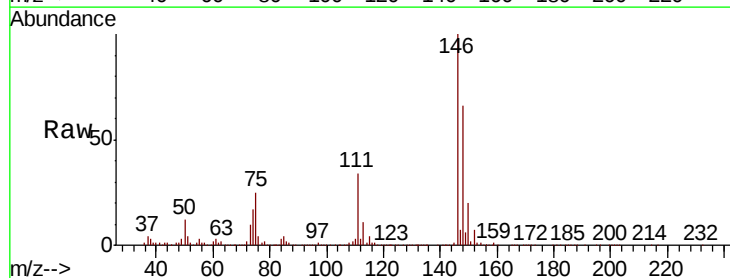
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617MBS01

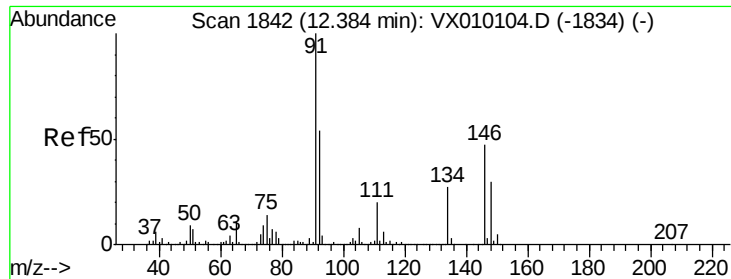
Tgt Ion:146 Resp: 114042
 Ion Ratio Lower Upper
 146 100
 111 36.8 20.1 60.2
 148 63.4 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 16.216 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010325.D
 Acq: 17 Jun 2019 15:35

Tgt Ion:146 Resp: 113106
 Ion Ratio Lower Upper
 146 100
 111 37.5 20.0 59.9
 148 65.8 32.3 96.9

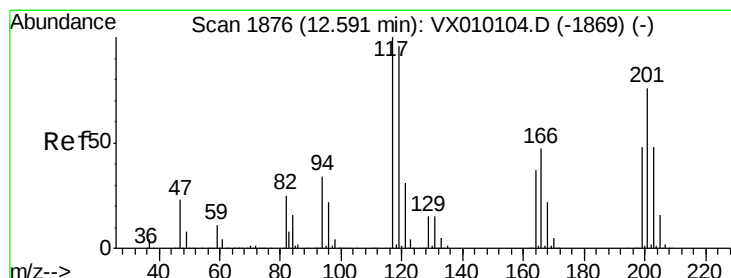
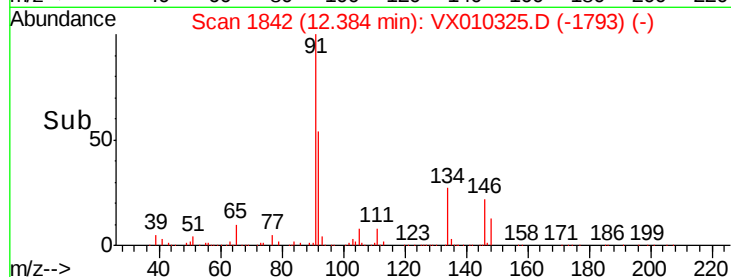
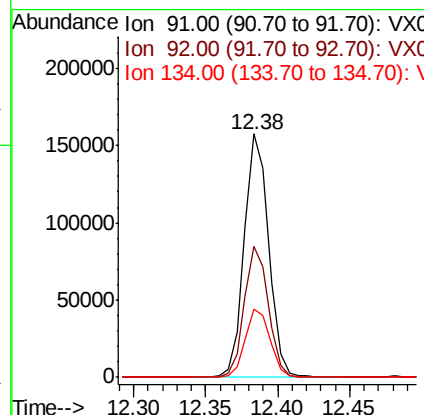
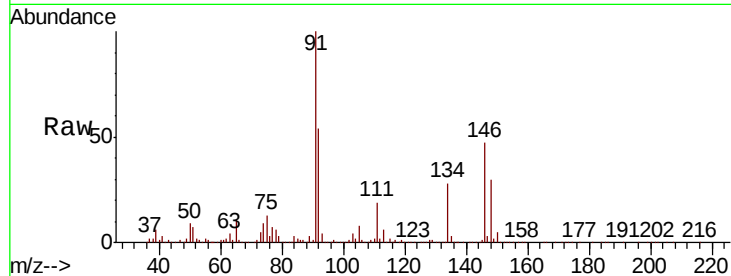




#89
n-Butylbenzene
Concen: 16.509 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

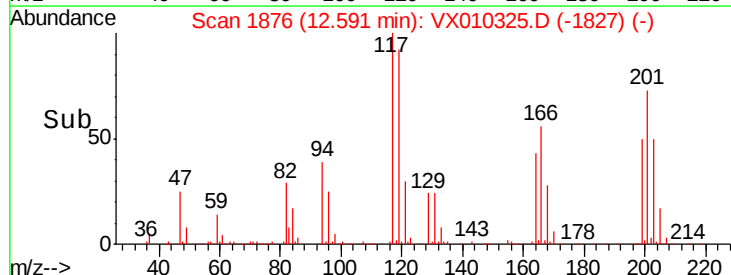
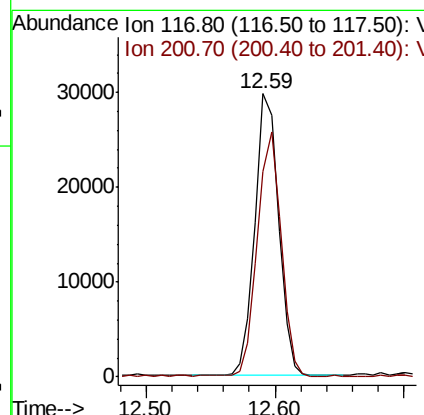
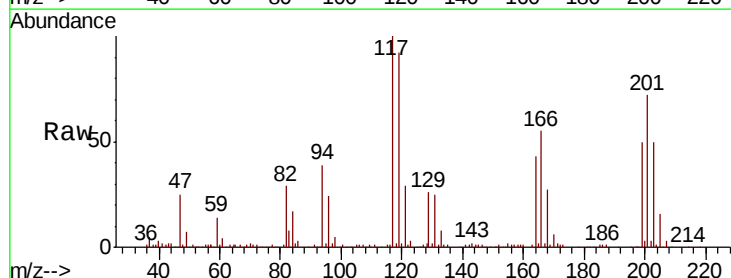
Instrument :
MSVOA_X
ClientSampleId :
VX0617MBS01

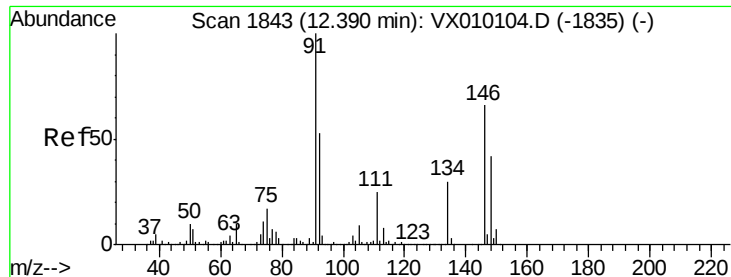
Tgt Ion: 91 Resp: 184308
Ion Ratio Lower Upper
91 100
92 53.6 26.3 78.8
134 28.4 12.3 36.8



#90
Hexachloroethane
Concen: 14.551 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX010325.D
Acq: 17 Jun 2019 15:35

Tgt Ion: 117 Resp: 37594
Ion Ratio Lower Upper
117 100
201 87.1 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 17.051 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

VX0617MBS01

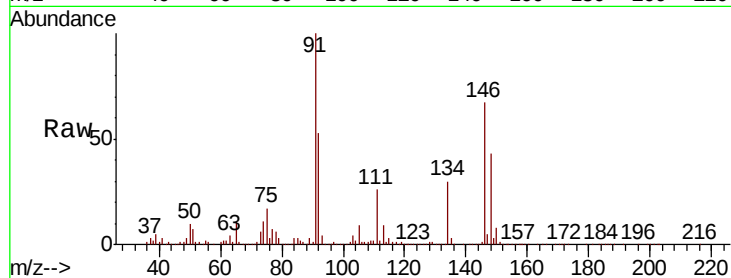
Tgt Ion:146 Resp: 114698

Ion Ratio Lower Upper

146 100

111 38.6 21.1 63.1

148 63.9 32.3 96.8

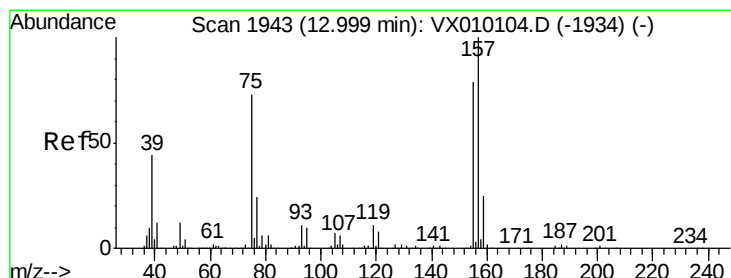
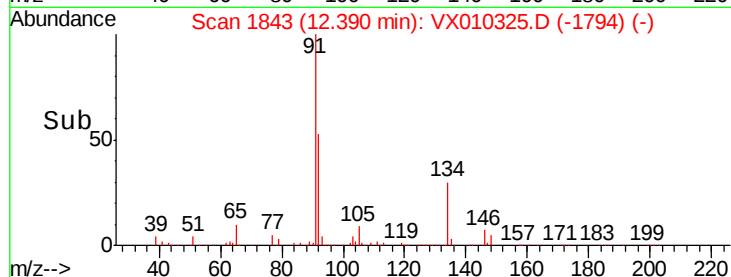
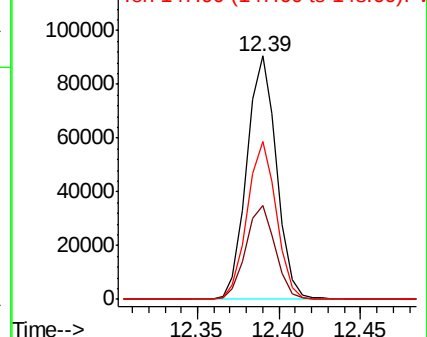


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.717 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

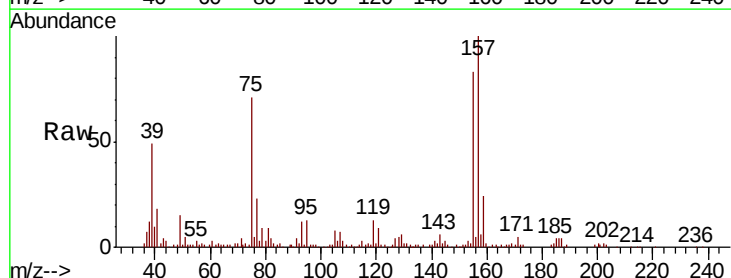
Tgt Ion: 75 Resp: 18085

Ion Ratio Lower Upper

75 100

155 107.3 39.3 117.8

157 133.6 50.6 151.8

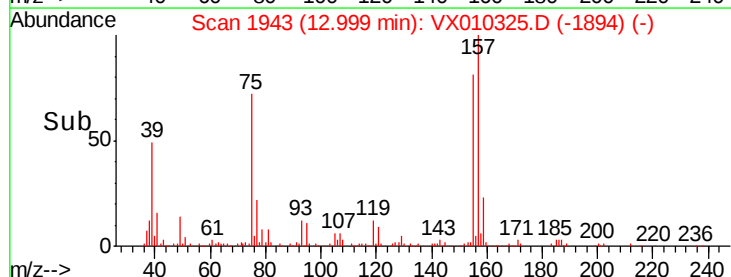
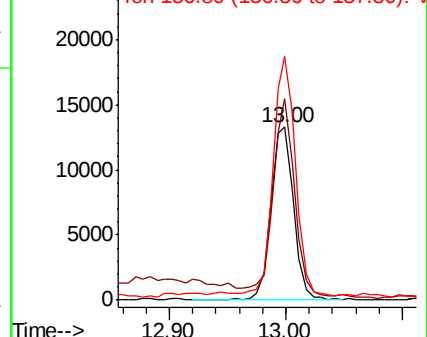


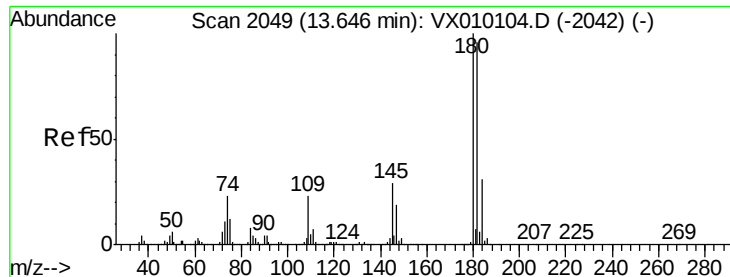
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

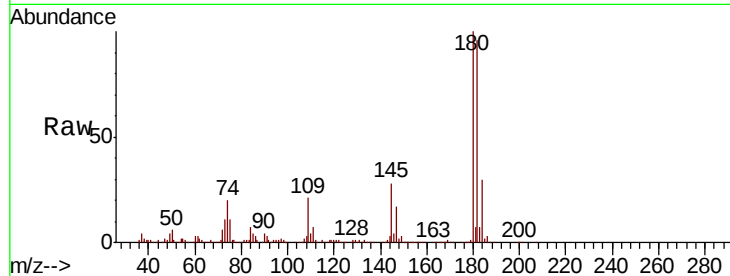




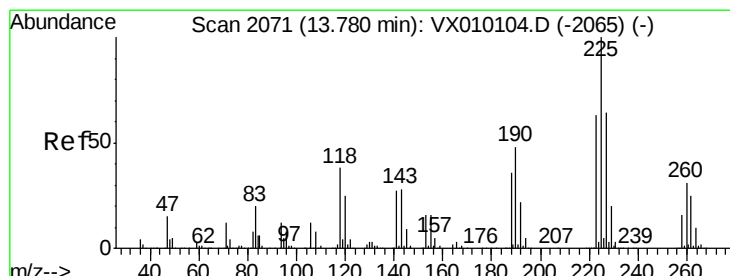
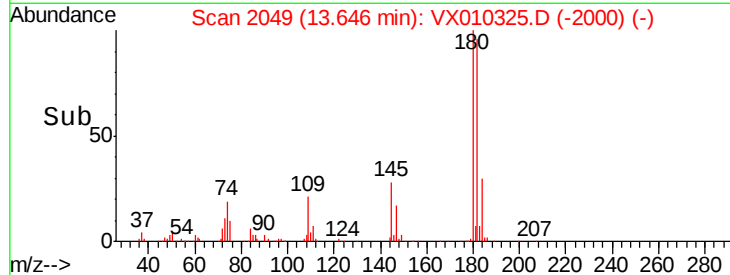
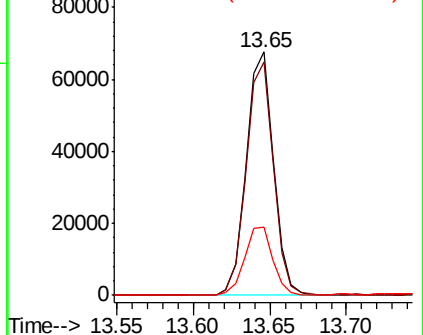
#93
 1,2,4-Trichlorobenzene
 Concen: 16.901 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010325.D
 Acq: 17 Jun 2019 15:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617MBS01

Tgt Ion:180 Resp: 83217
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.4 142.2
 145 29.1 14.5 43.5

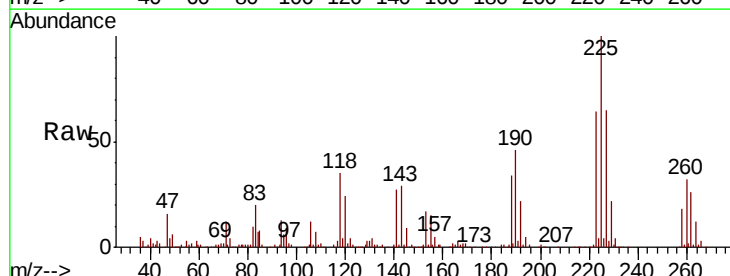


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

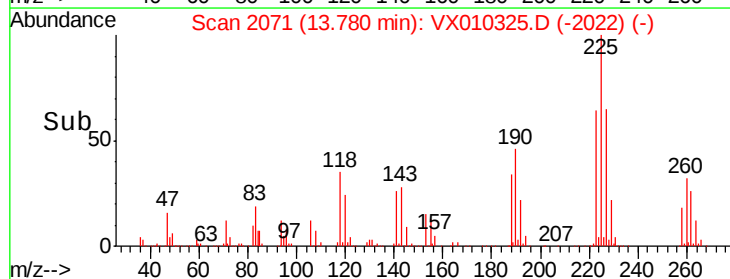
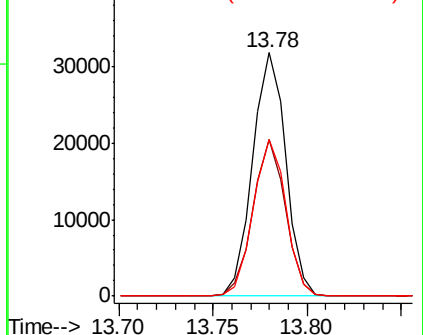


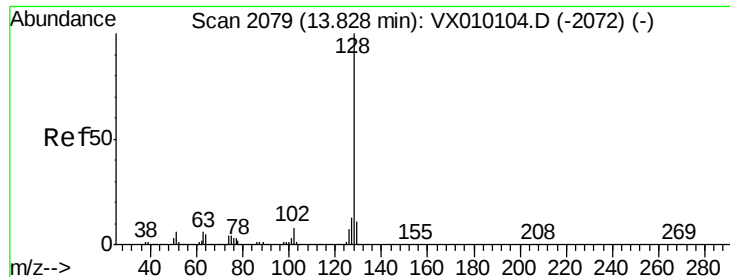
#94
 Hexachlorobutadiene
 Concen: 17.764 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010325.D
 Acq: 17 Jun 2019 15:35

Tgt Ion:225 Resp: 38901
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.3 93.8
 227 63.5 32.3 96.8



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: 17.121 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

VX0617MBS01

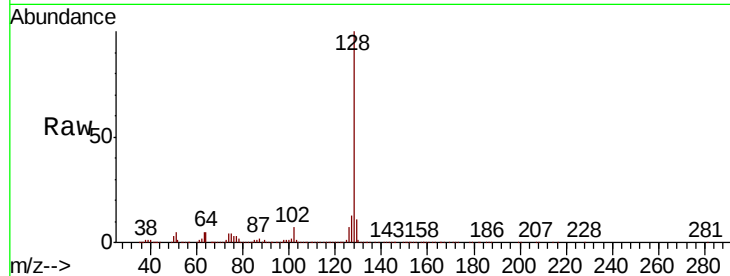
Tgt Ion:128 Resp: 265376

Ion Ratio Lower Upper

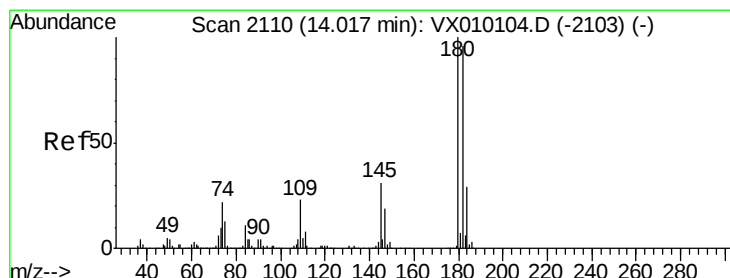
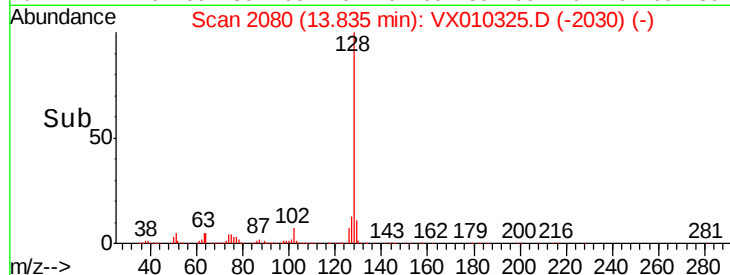
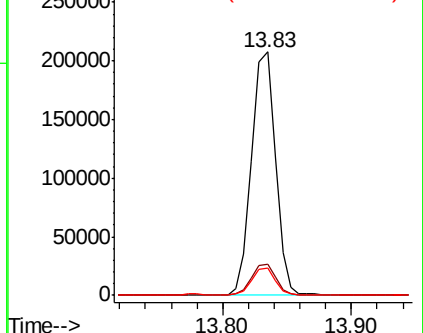
128 100

127 13.0 10.6 16.0

129 11.1 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 17.424 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010325.D

Acq: 17 Jun 2019 15:35

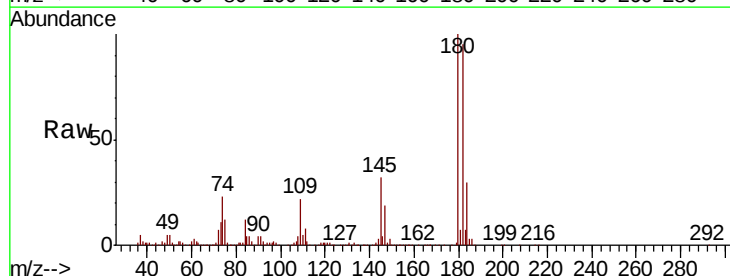
Tgt Ion:180 Resp: 84829

Ion Ratio Lower Upper

180 100

182 93.5 47.3 142.0

145 31.1 15.6 46.7



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

