

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032319\
 Data File : VX008347.D
 Acq On : 23 Mar 2019 13:32
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 23 14:55:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 14:52:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	204162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	347327	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137837	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	16557	5.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.76%	
35) Dibromofluoromethane	5.49	113	11614	5.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.00%	
50) Toluene-d8	8.71	98	46754	5.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.60%	
62) 4-Bromofluorobenzene	11.13	95	16764	5.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.04%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	12531	5.062 ug/l	91
3) Chloromethane	1.32	50	18541	5.970 ug/l	96
4) Vinyl Chloride	1.40	62	17610	5.687 ug/l	98
5) Bromomethane	1.64	94	12144	4.604 ug/l	96
6) Chloroethane	1.71	64	9966	5.133 ug/l	98
7) Trichlorofluoromethane	1.92	101	20118	5.091 ug/l	96
8) Diethyl Ether	2.18	74	9677	4.759 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	11961	4.558 ug/l	90
10) Methyl Iodide	2.51	142	13691	4.098 ug/l	95
11) Tert butyl alcohol	3.05	59	17577	26.703 ug/l #	94
12) 1,1-Dichloroethene	2.37	96	12264	4.951 ug/l	88
13) Acrolein	2.29	56	16352	32.592 ug/l	99
14) Allyl chloride	2.72	41	25814	4.787 ug/l	90
15) Acrylonitrile	3.14	53	45935	26.383 ug/l	98
16) Acetone	2.45	43	38053	21.820 ug/l	98
17) Carbon Disulfide	2.56	76	38319	4.797 ug/l	99
18) Methyl Acetate	2.77	43	20473	5.071 ug/l	98
19) Methyl tert-butyl Ether	3.20	73	43158	4.818 ug/l	97
20) Methylene Chloride	2.85	84	14801	5.090 ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	13045	4.875 ug/l	83
22) Diisopropyl ether	3.85	45	53039	5.022 ug/l #	83
23) Vinyl Acetate	3.81	43	226057	24.965 ug/l	97
24) 1,1-Dichloroethane	3.70	63	26987	4.968 ug/l	97
25) 2-Butanone	4.67	43	64156	24.922 ug/l	94
26) 2,2-Dichloropropane	4.58	77	16636	4.065 ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	14909	4.887 ug/l	87
28) Bromochloromethane	5.01	49	12381	5.076 ug/l #	79
29) Tetrahydrofuran	5.13	42	42381	26.335 ug/l	99
30) Chloroform	5.21	83	23831	4.690 ug/l	98
31) Cyclohexane	5.58	56	25830	5.064 ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	18272	4.323 ug/l #	94
36) 1,1-Dichloropropene	5.79	75	19062	4.714 ug/l	96
37) Ethyl Acetate	4.84	43	24655	5.158 ug/l	97
38) Carbon Tetrachloride	5.78	117	15267	4.237 ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032319\
 Data File : VX008347.D
 Acq On : 23 Mar 2019 13:32
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 23 14:55:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 14:52:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	23518	4.833	ug/l	88
40) Benzene	6.14	78	57292	4.787	ug/l	99
41) Methacrylonitrile	5.04	41	13773	5.137	ug/l	97
42) 1,2-Dichloroethane	6.19	62	21115	4.816	ug/l	97
43) Isopropyl Acetate	6.45	43	38952	5.084	ug/l	96
44) Trichloroethene	7.21	130	13130	4.487	ug/l	98
45) 1,2-Dichloropropane	7.51	63	16620	4.960	ug/l	100
46) Dibromomethane	7.66	93	9261	4.565	ug/l #	84
47) Bromodichloromethane	7.90	83	17246	4.461	ug/l #	99
48) Methyl methacrylate	7.77	41	18739	4.600	ug/l	95
49) 1,4-Dioxane	7.74	88	8025	111.623	ug/l #	86
51) 4-Methyl-2-Pentanone	8.64	43	126650	25.568	ug/l	96
52) Toluene	8.78	92	33604	4.733	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	16643	3.847	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	19893	4.146	ug/l #	90
55) 1,1,2-Trichloroethane	9.21	97	14158	4.935	ug/l	97
56) Ethyl methacrylate	9.18	69	23111	5.036	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	24484	4.824	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	62330	26.517	ug/l	92
59) 2-Hexanone	9.49	43	95900	25.147	ug/l	96
60) Dibromochloromethane	9.58	129	11780	4.273	ug/l	99
61) 1,2-Dibromoethane	9.67	107	14057	4.693	ug/l	98
64) Tetrachloroethene	9.34	164	10517	3.840	ug/l	95
65) Chlorobenzene	10.13	112	34427	4.608	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	11247	4.318	ug/l	99
67) Ethyl Benzene	10.25	91	62954	4.782	ug/l	98
68) m/p-Xylenes	10.36	106	45175	9.342	ug/l	90
69) o-Xylene	10.69	106	22169	4.718	ug/l	92
70) Styrene	10.71	104	37812	4.951	ug/l	97
71) Bromoform	10.85	173	7775	3.924	ug/l #	97
73) Isopropylbenzene	11.02	105	59013	4.803	ug/l	98
74) N-amyl acetate	10.90	43	32405	5.034	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	22733	5.160	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	23482	6.057	ug/l	93
77) Bromobenzene	11.26	156	13909	4.682	ug/l	81
78) n-propylbenzene	11.36	91	68777	4.820	ug/l	95
79) 2-Chlorotoluene	11.42	91	42113	4.917	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	50447	4.970	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	5422	4.000	ug/l #	68
82) 4-Chlorotoluene	11.51	91	48440	4.860	ug/l	92
83) tert-Butylbenzene	11.77	119	47069	4.857	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	49784	4.838	ug/l	96
85) sec-Butylbenzene	11.94	105	56351	4.696	ug/l	95
86) p-Isopropyltoluene	12.06	119	49054	4.722	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	24609	4.635	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	24791	4.515	ug/l	91
89) n-Butylbenzene	12.38	91	45830	4.701	ug/l	95
90) Hexachloroethane	12.60	117	7724	4.366	ug/l	76
91) 1,2-Dichlorobenzene	12.39	146	25035	4.677	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	4693	4.796	ug/l	74

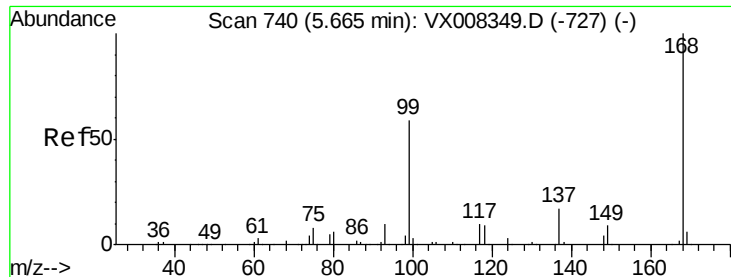
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX032319\
Data File : VX008347.D
Acq On : 23 Mar 2019 13:32
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Mar 23 14:55:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 14:52:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	16539	4.691	ug/l	98
94) Hexachlorobutadiene	13.78	225	7812	4.543	ug/l	97
95) Naphthalene	13.83	128	56764	5.101	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	16650	4.799	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

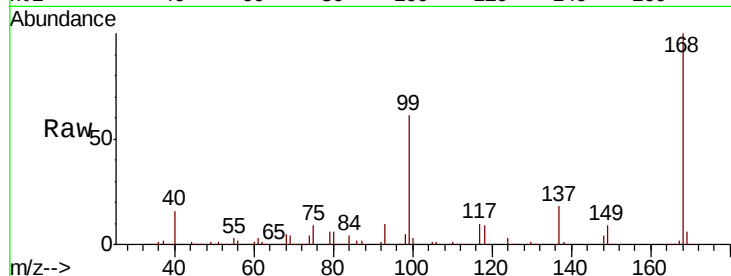
VSTDIC005

Tgt Ion:168 Resp: 204162

Ion Ratio Lower Upper

168 100

99 61.3 37.6 56.4#

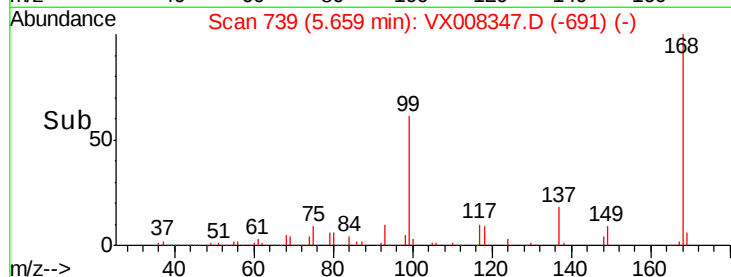


Abundance Ion 167.90 (167.60 to 168.60): VX008349.D (-727) (-)

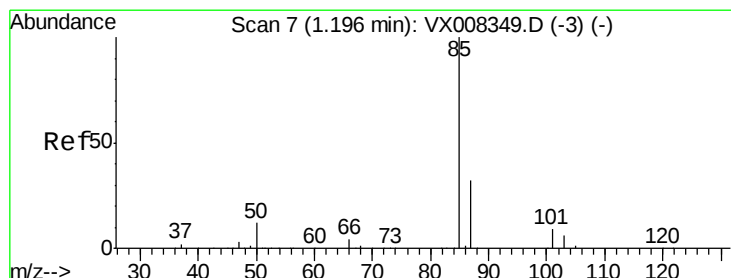
Ion 98.90 (98.60 to 99.60): VX008349.D (-727) (-)

5.66

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 5.062 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008347.D

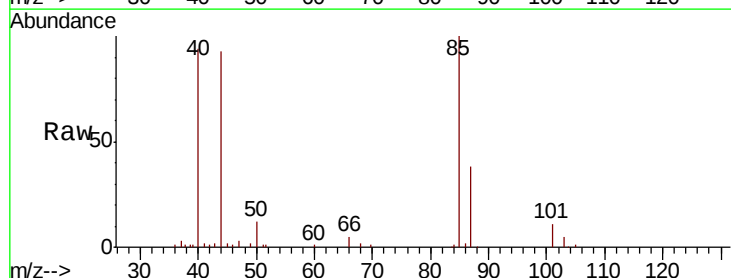
Acq: 23 Mar 2019 13:32

Tgt Ion: 85 Resp: 12531

Ion Ratio Lower Upper

85 100

87 38.0 16.4 49.1

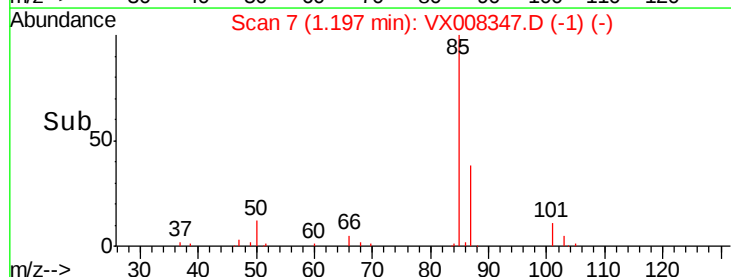


Abundance Ion 84.90 (84.60 to 85.60): VX008349.D (-3) (-)

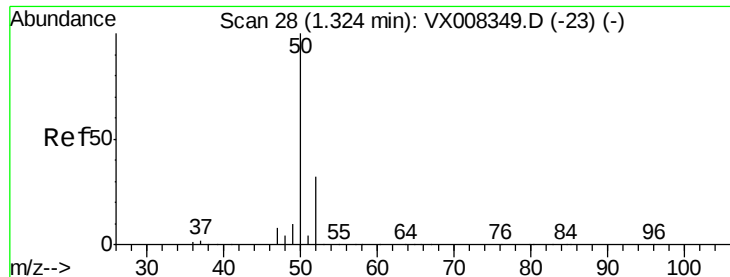
Ion 86.90 (86.60 to 87.60): VX008349.D (-3) (-)

1.20

Time-->



Time-->



#3

Chloromethane

Concen: 5.970 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

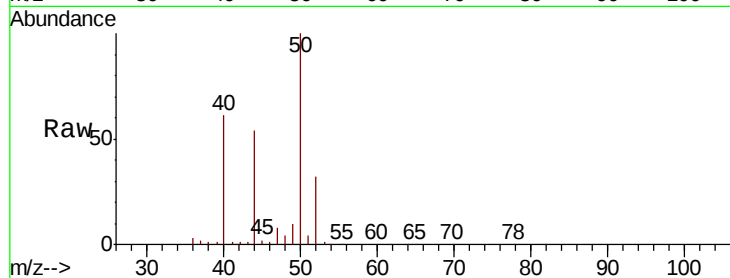
VSTDIC005

Tgt Ion: 50 Resp: 18541

Ion Ratio Lower Upper

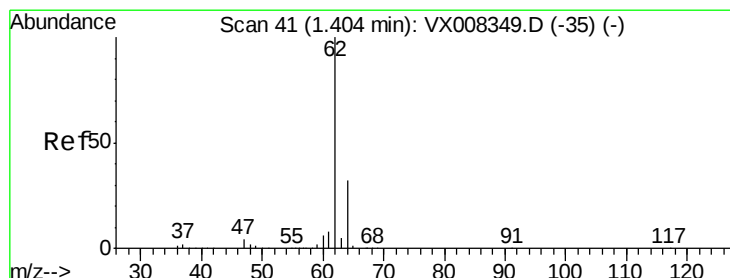
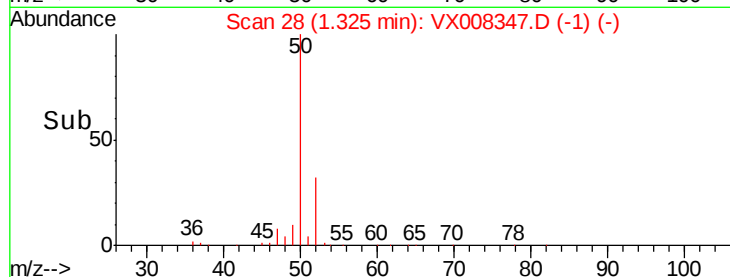
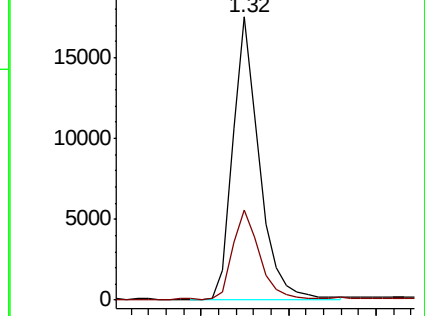
50 100

52 30.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 5.687 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008347.D

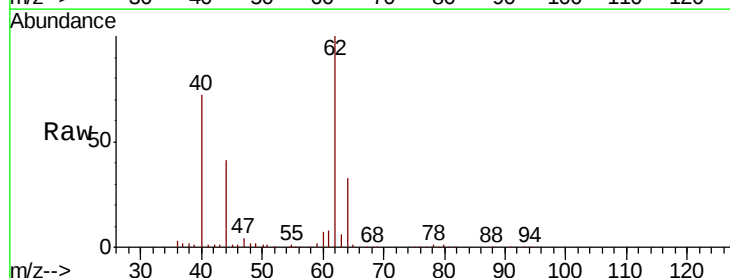
Acq: 23 Mar 2019 13:32

Tgt Ion: 62 Resp: 17610

Ion Ratio Lower Upper

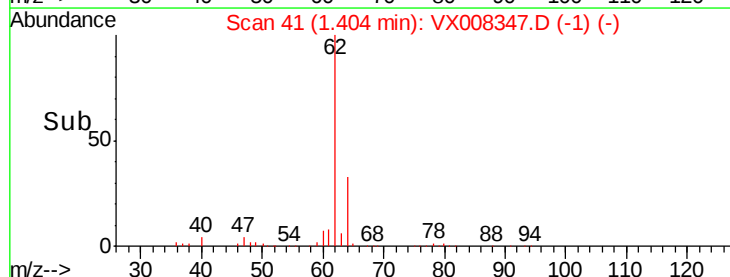
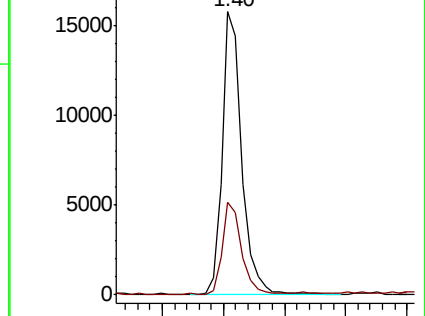
62 100

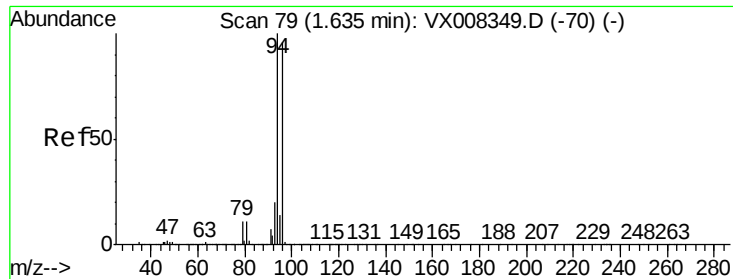
64 32.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 4.604 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampled :

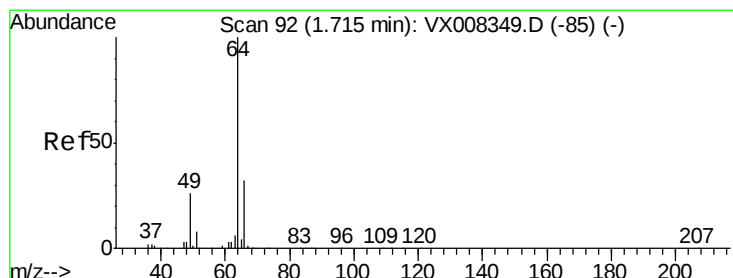
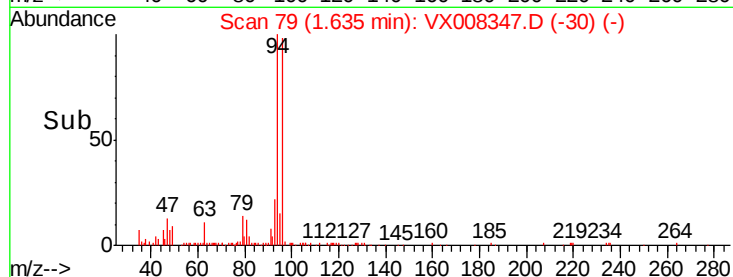
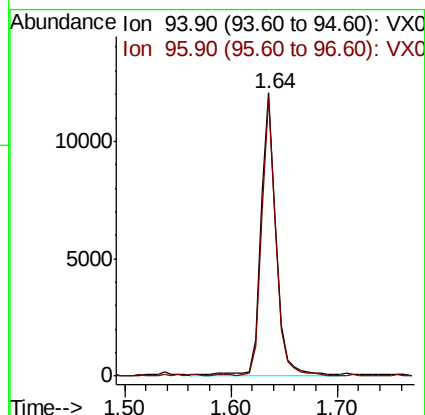
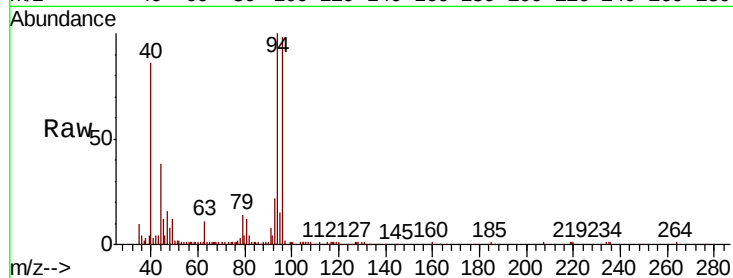
VSTDIC005

Tgt Ion: 94 Resp: 12144

Ion Ratio Lower Upper

94 100

96 98.2 75.5 113.3



#6

Chloroethane

Concen: 5.133 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008347.D

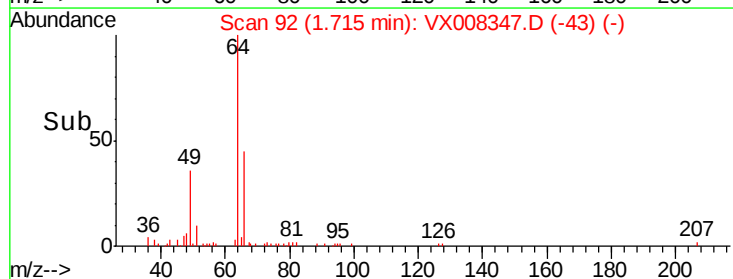
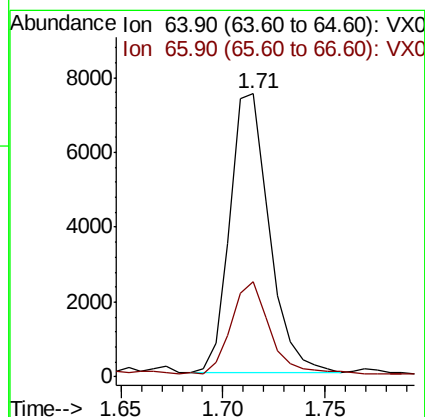
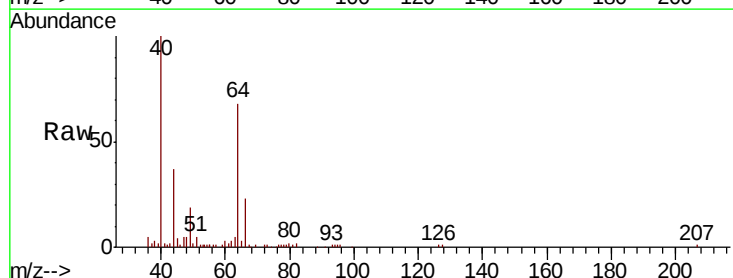
Acq: 23 Mar 2019 13:32

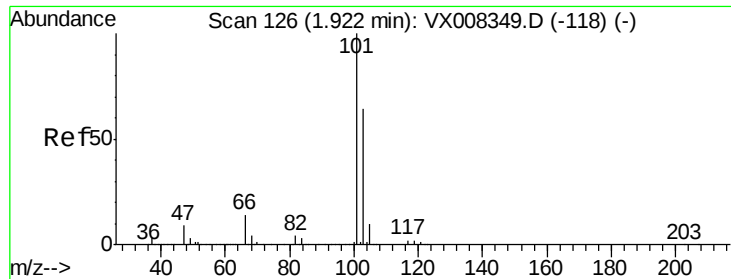
Tgt Ion: 64 Resp: 9966

Ion Ratio Lower Upper

64 100

66 32.4 25.2 37.8





#7

Trichlorofluoromethane

Concen: 5.091 ug/l

RT: 1.92 min Scan# 126

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

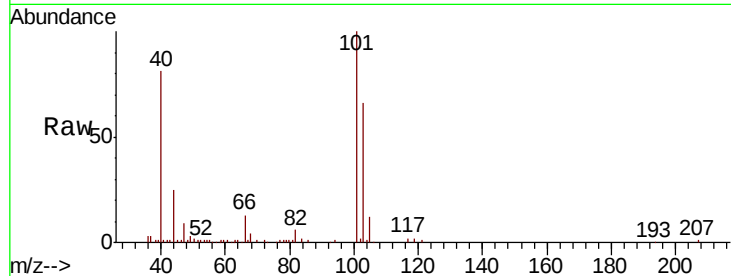
VSTDIC005

Tgt Ion:101 Resp: 20118

Ion Ratio Lower Upper

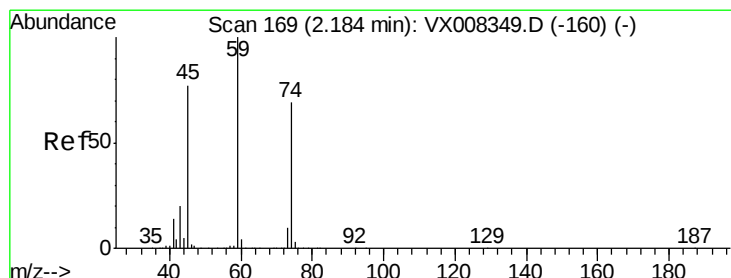
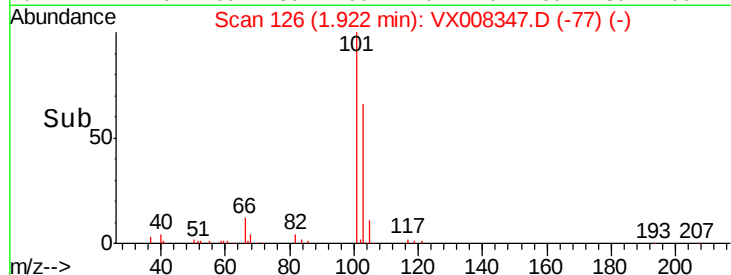
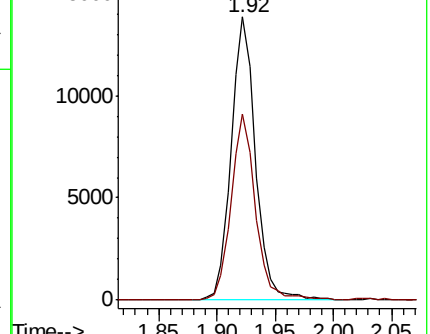
101 100

103 65.9 50.4 75.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 4.759 ug/l

RT: 2.18 min Scan# 169

Delta R.T. 0.00 min

Lab File: VX008347.D

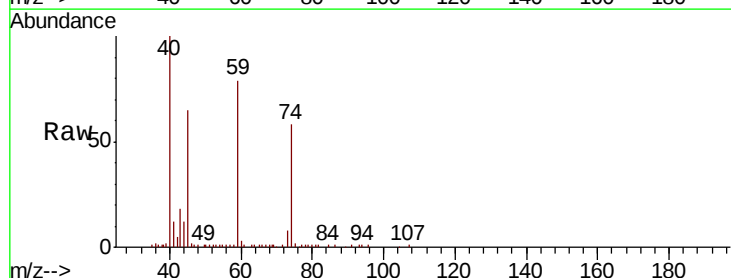
Acq: 23 Mar 2019 13:32

Tgt Ion: 74 Resp: 9677

Ion Ratio Lower Upper

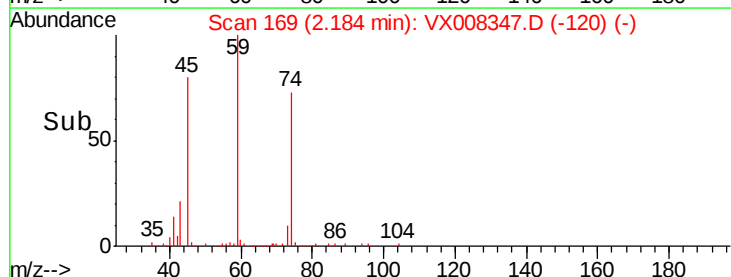
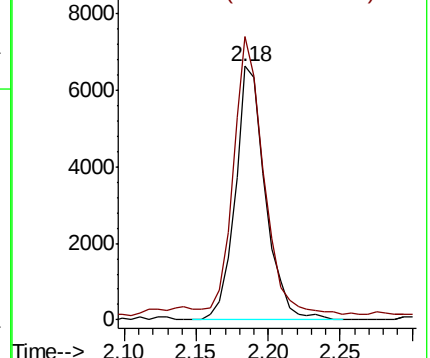
74 100

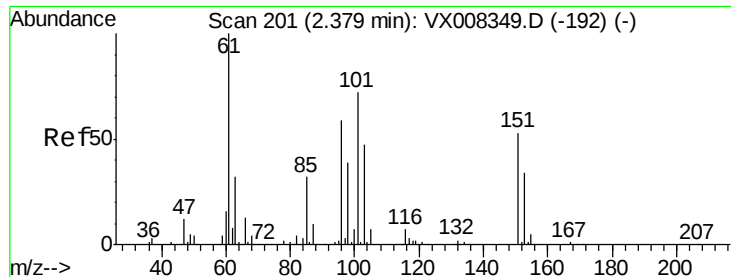
45 110.0 52.1 156.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.558 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

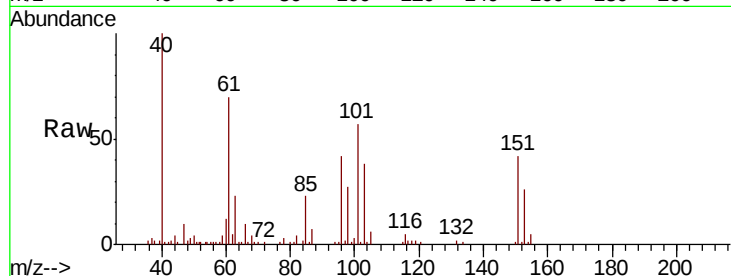
Tgt Ion:101 Resp: 11961

Ion Ratio Lower Upper

101 100

85 47.1 33.8 50.6

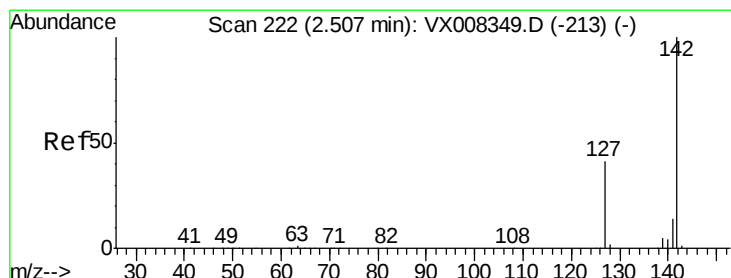
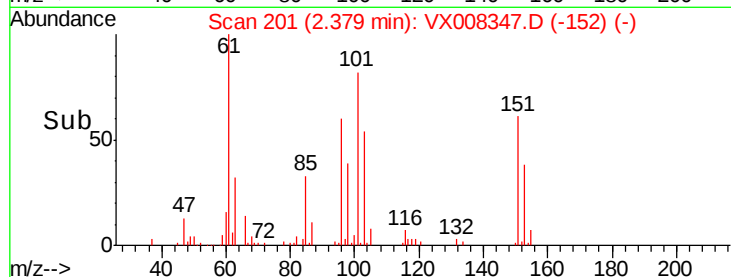
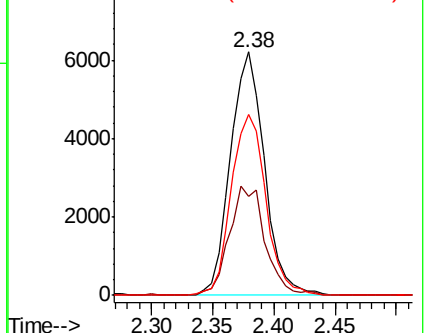
151 75.8 69.1 103.7



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: 4.098 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

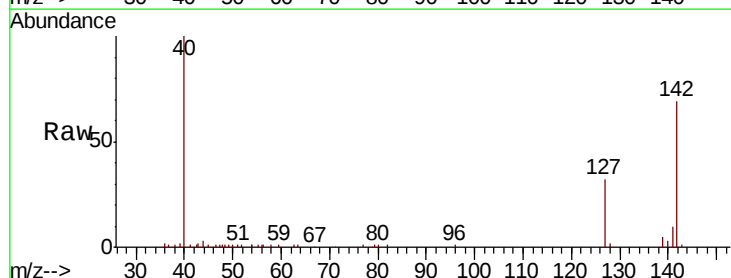
Tgt Ion:142 Resp: 13691

Ion Ratio Lower Upper

142 100

127 44.3 32.1 48.1

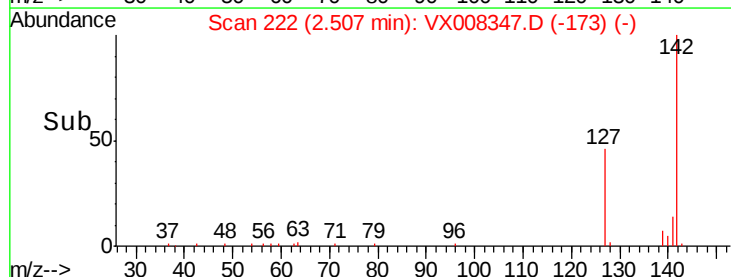
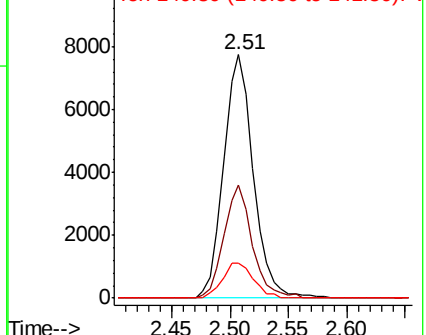
141 15.0 11.4 17.2

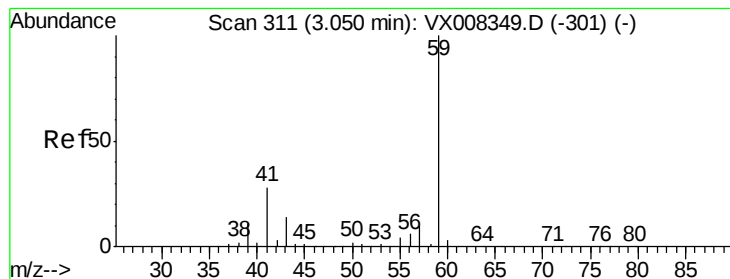


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



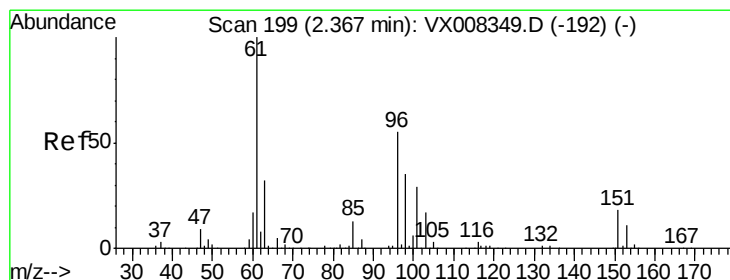
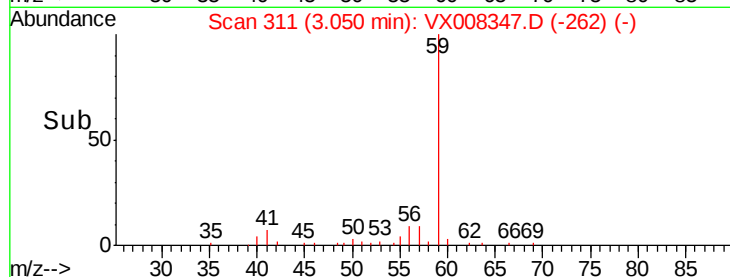
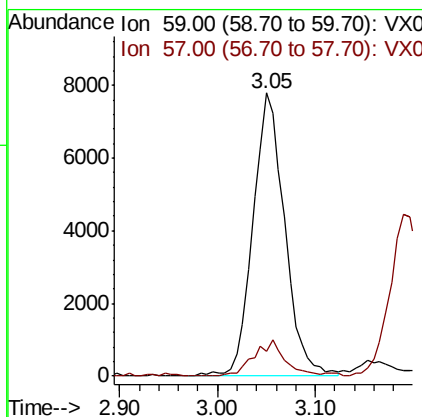
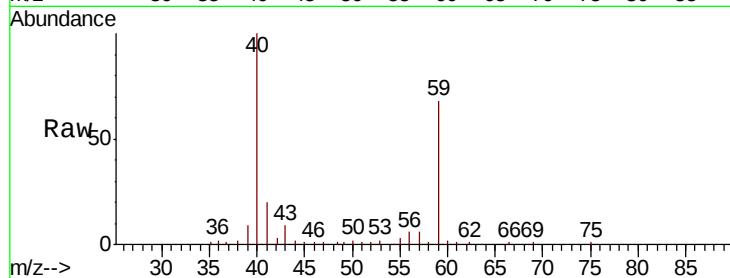


#11

Tert butyl alcohol
 Concen: 26.703 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX008347.D
 Acq: 23 Mar 2019 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

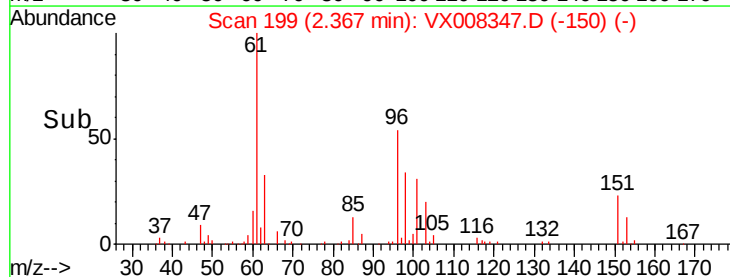
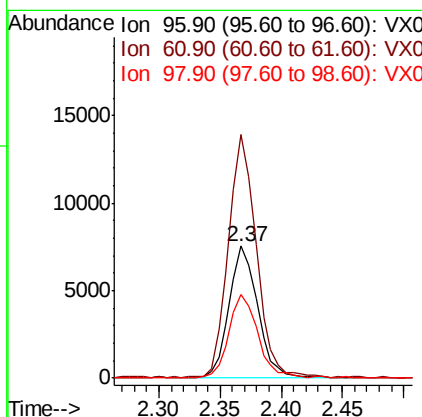
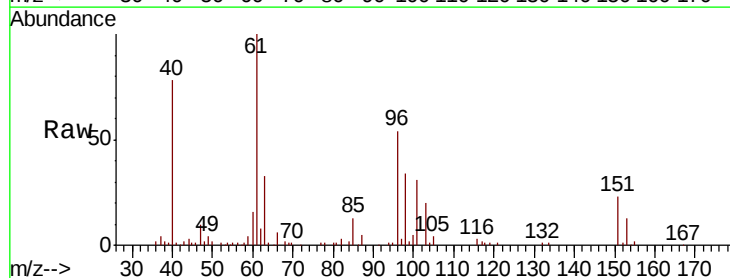
Tgt Ion: 59 Resp: 17577
 Ion Ratio Lower Upper
 59 100
 57 12.5 8.2 12.2#

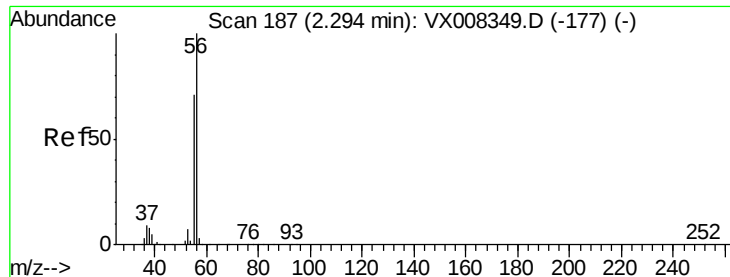


#12

1,1-Dichloroethene
 Concen: 4.951 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX008347.D
 Acq: 23 Mar 2019 13:32

Tgt Ion: 96 Resp: 12264
 Ion Ratio Lower Upper
 96 100
 61 183.5 129.8 194.6
 98 63.3 51.0 76.6





#13

Acrolein

Concen: 32.592 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

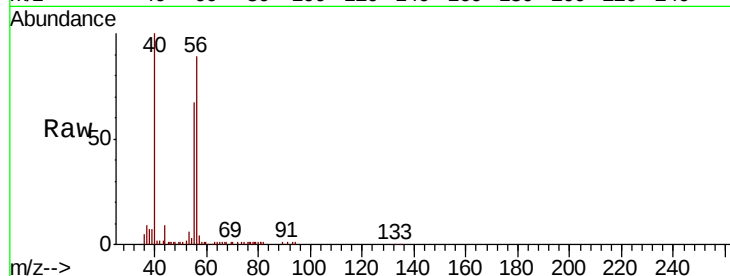
VSTDIC005

Tgt Ion: 56 Resp: 16352

Ion Ratio Lower Upper

56 100

55 73.4 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

12000

10000

8000

6000

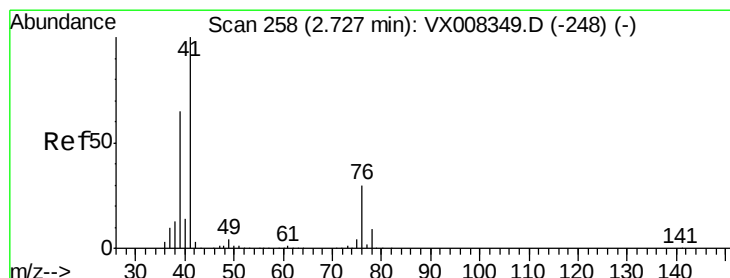
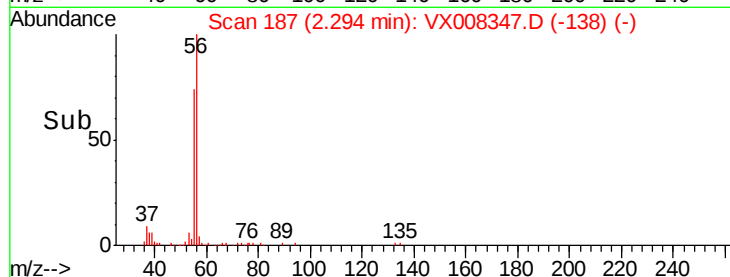
4000

2000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 4.787 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

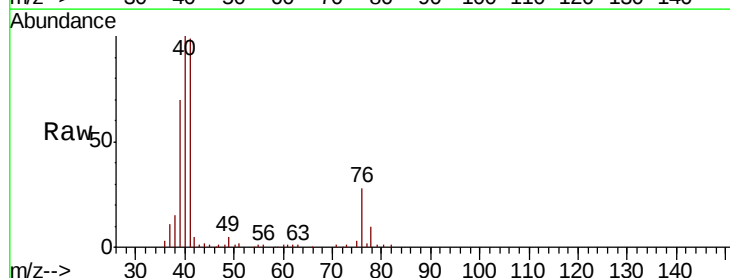
Tgt Ion: 41 Resp: 25814

Ion Ratio Lower Upper

41 100

39 67.5 46.1 69.1

76 27.8 24.0 36.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

15000

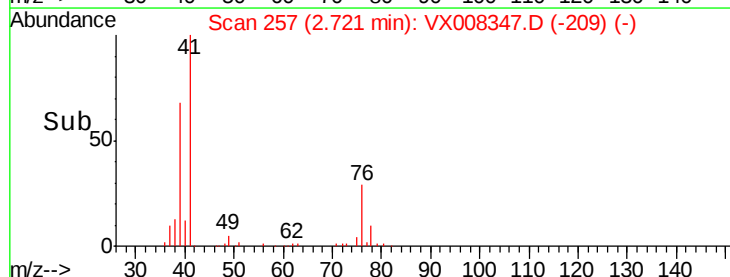
10000

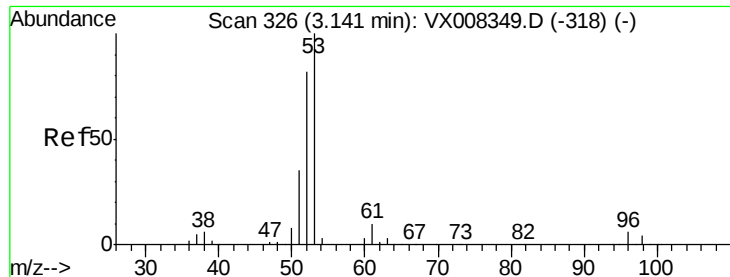
5000

0

Time-->

2.65 2.70 2.75 2.80 2.85





#15

Acrylonitrile

Concen: 26.383 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

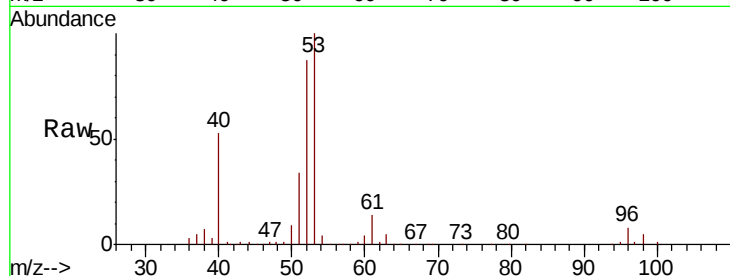
Tgt Ion: 53 Resp: 45935

Ion Ratio Lower Upper

53 100

52 84.9 66.0 99.0

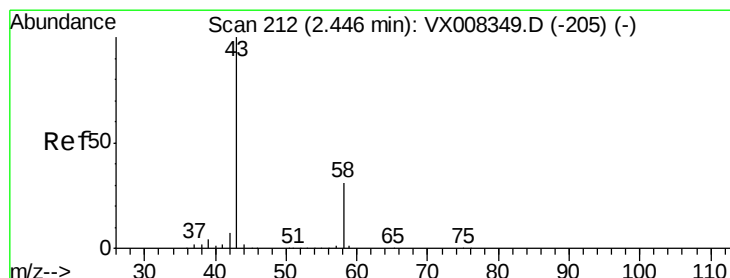
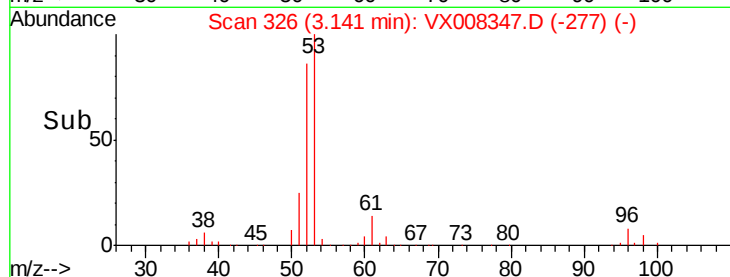
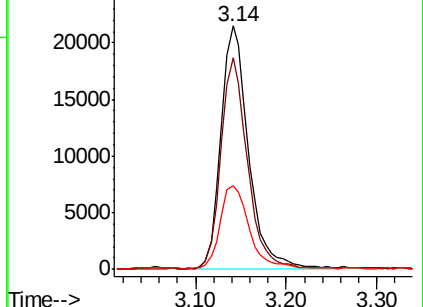
51 35.7 28.0 42.0



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: 21.820 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008347.D

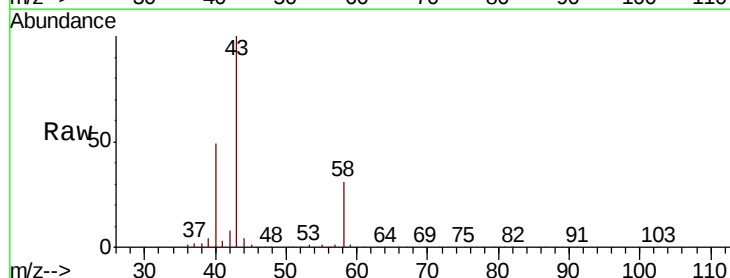
Acq: 23 Mar 2019 13:32

Tgt Ion: 43 Resp: 38053

Ion Ratio Lower Upper

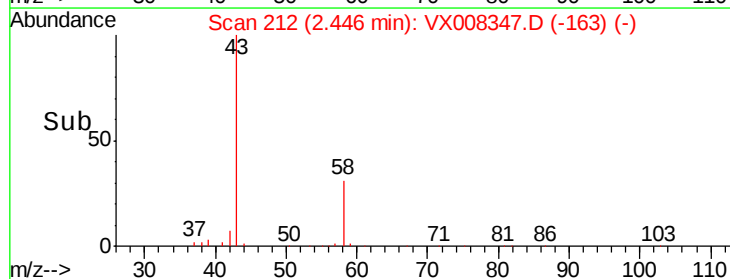
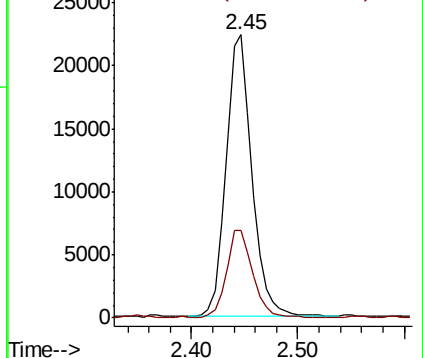
43 100

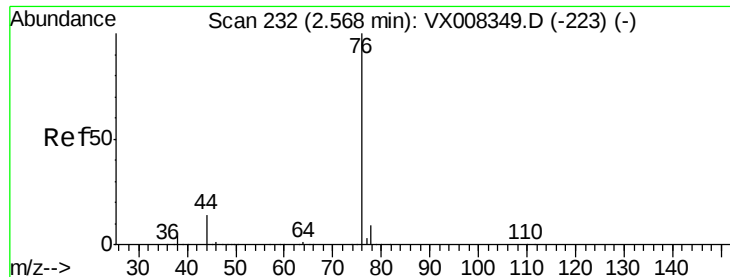
58 30.7 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

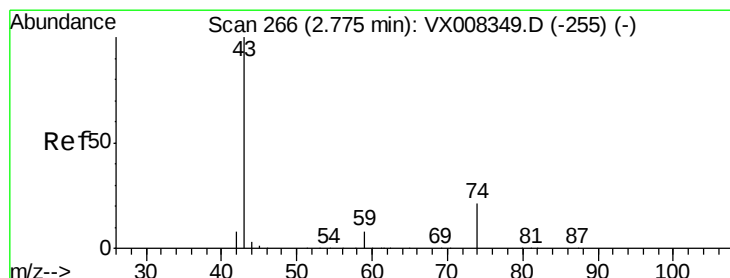
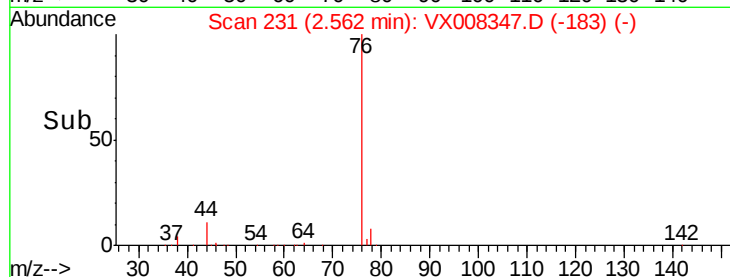
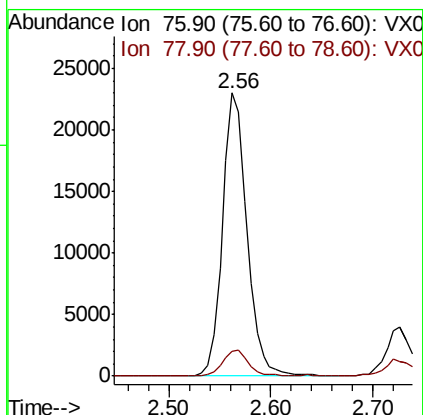
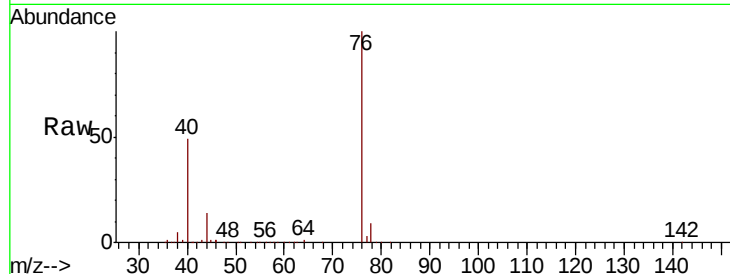




#17
Carbon Disulfide
Concen: 4.797 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

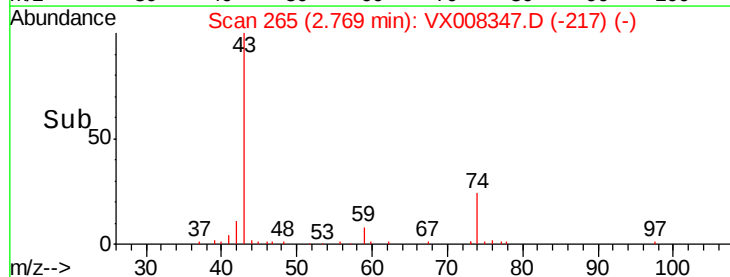
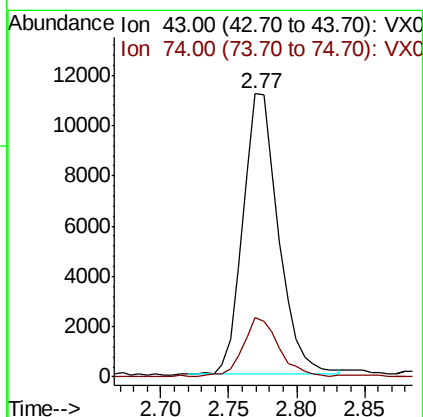
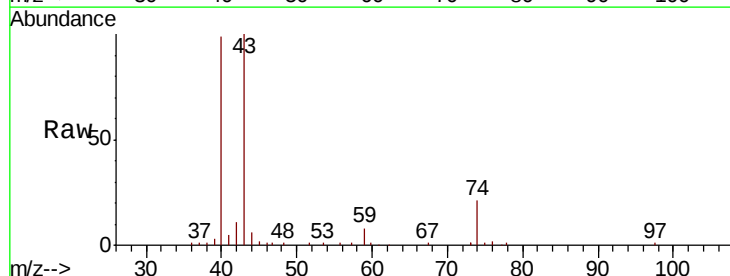
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

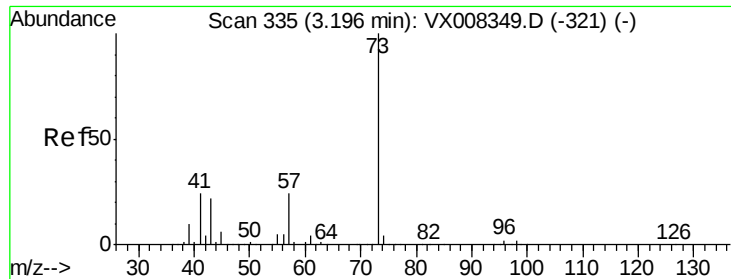
Tgt Ion: 76 Resp: 38319
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 5.071 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

Tgt Ion: 43 Resp: 20473
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.6

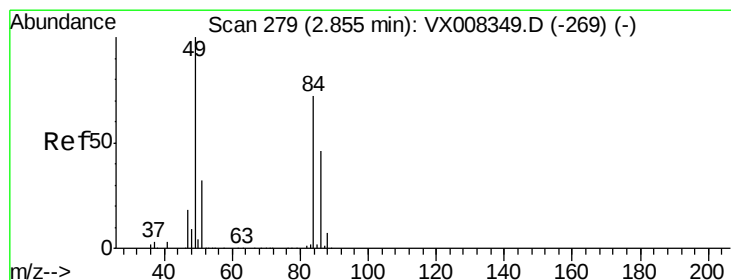
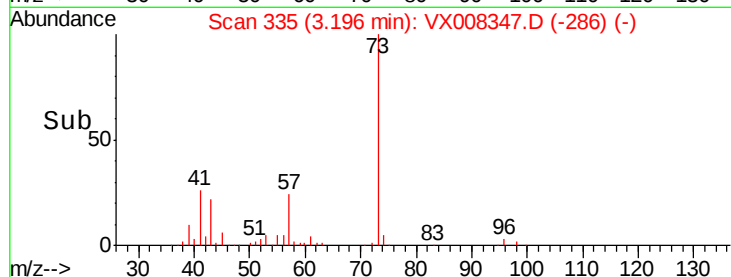
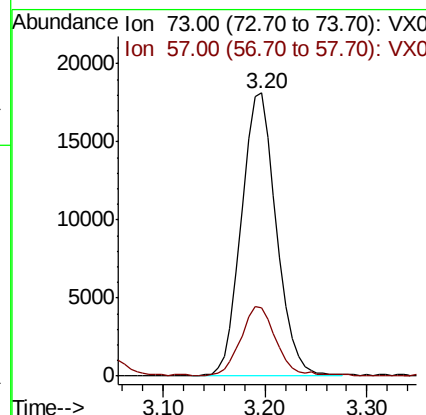
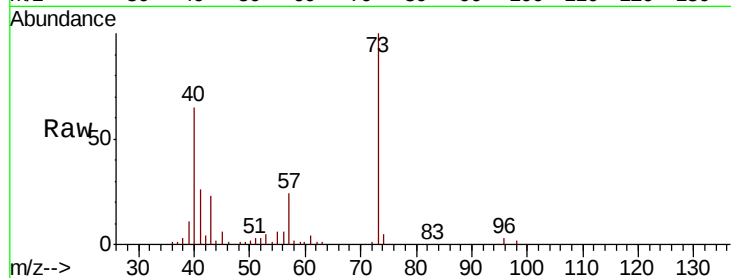




#19
Methyl tert-butyl Ether
Concen: 4.818 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

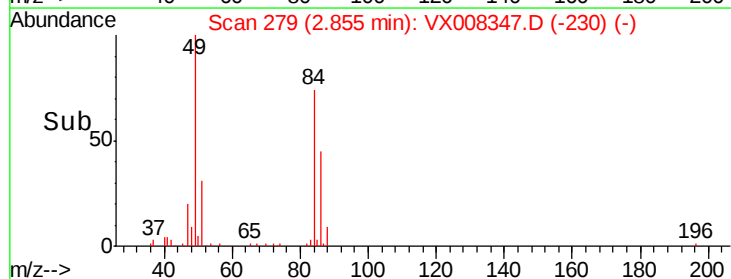
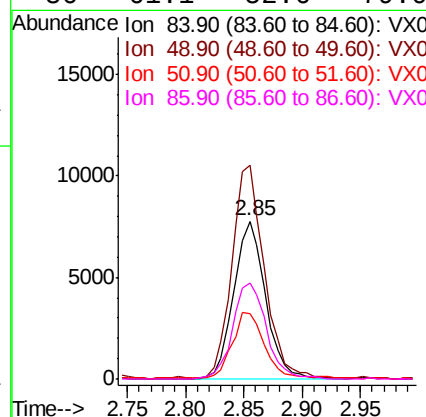
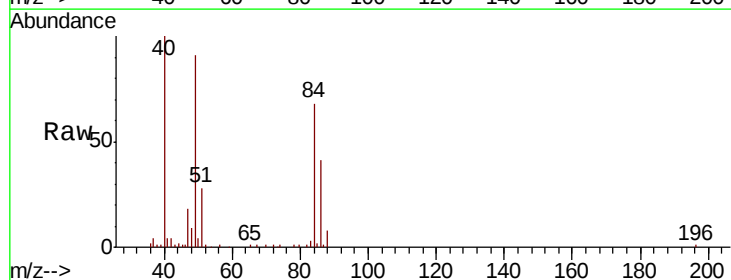
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

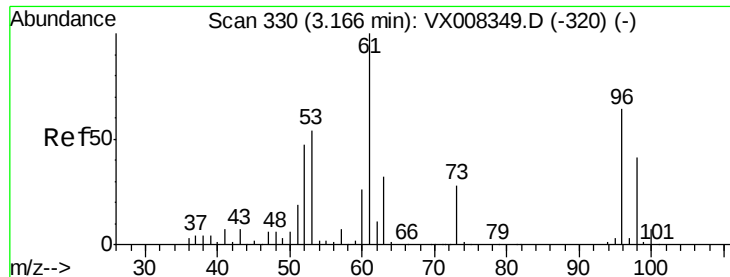
Tgt Ion: 73 Resp: 43158
Ion Ratio Lower Upper
73 100
57 24.2 18.2 27.4



#20
Methylene Chloride
Concen: 5.090 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

Tgt Ion: 84 Resp: 14801
Ion Ratio Lower Upper
84 100
49 135.2 99.3 148.9
51 40.9 31.3 46.9
86 61.1 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 4.875 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

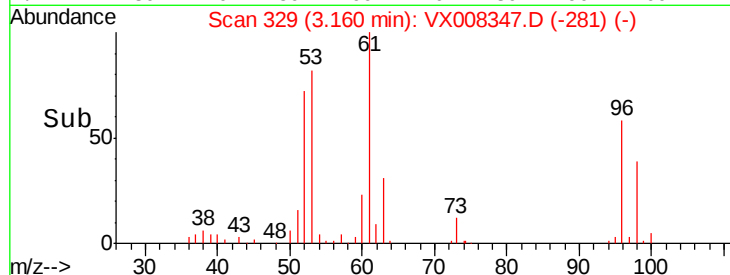
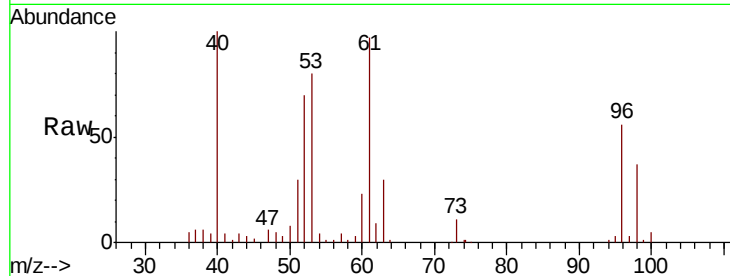
Tgt Ion: 96 Resp: 13045

Ion Ratio Lower Upper

96 100

61 171.1 114.4 171.6

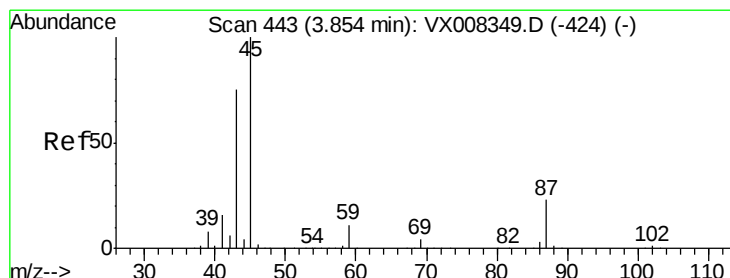
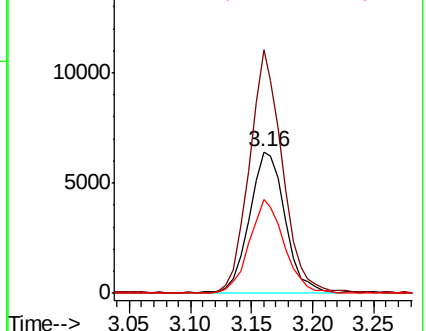
98 66.2 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 5.022 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Tgt Ion: 45 Resp: 53039

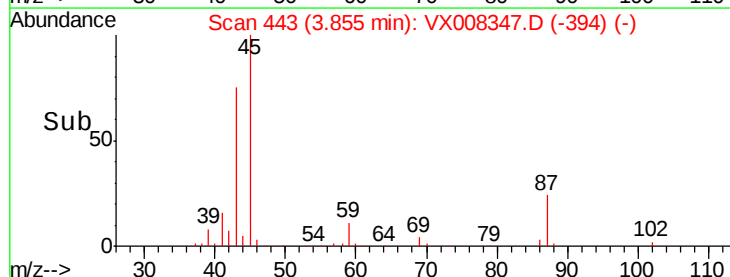
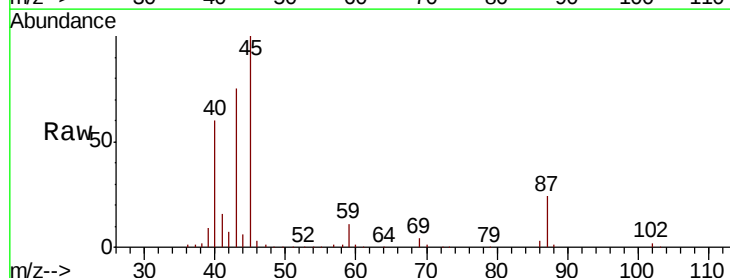
Ion Ratio Lower Upper

45 100

43 75.0 45.3 67.9#

87 23.6 21.4 32.0

59 11.3 9.5 14.3

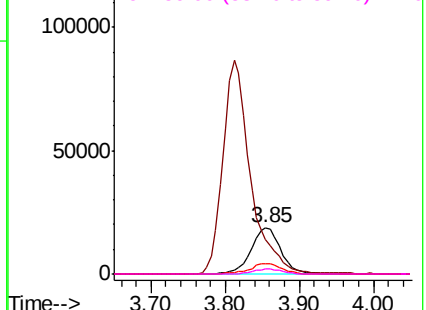


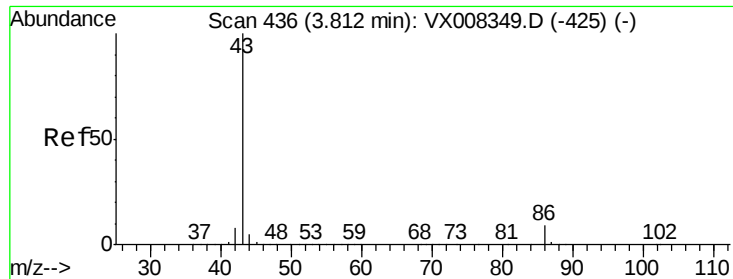
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 24.965 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

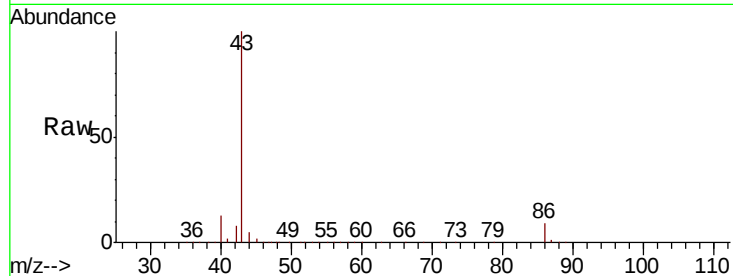
VSTDIC005

Tgt Ion: 43 Resp: 226057

Ion Ratio Lower Upper

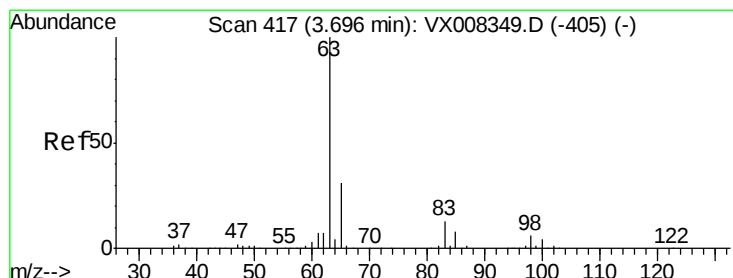
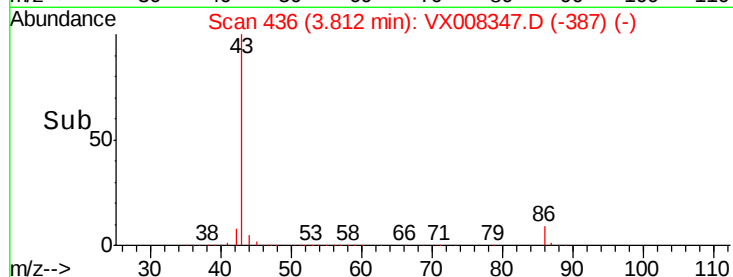
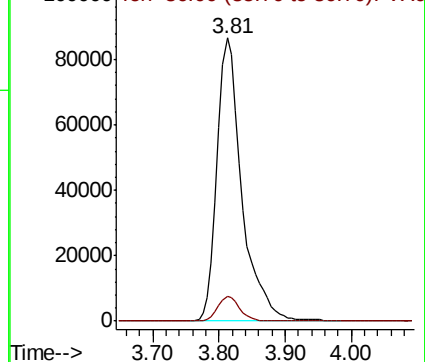
43 100

86 8.8 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 4.968 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

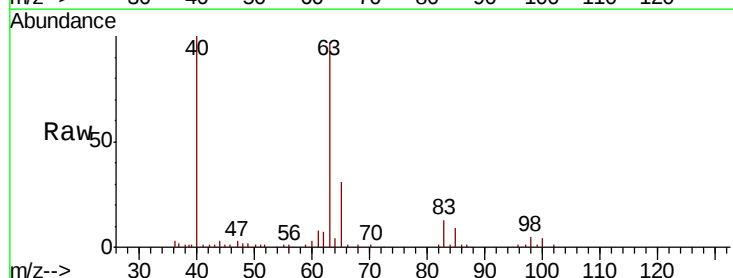
Tgt Ion: 63 Resp: 26987

Ion Ratio Lower Upper

63 100

98 5.2 3.3 9.8

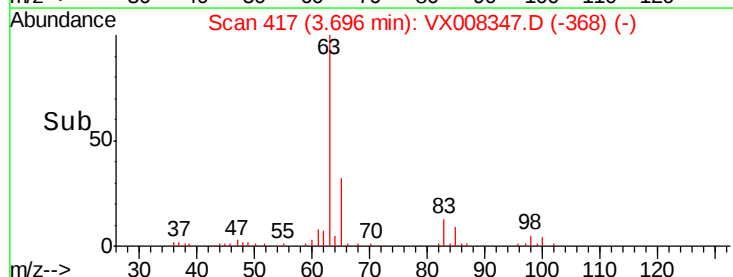
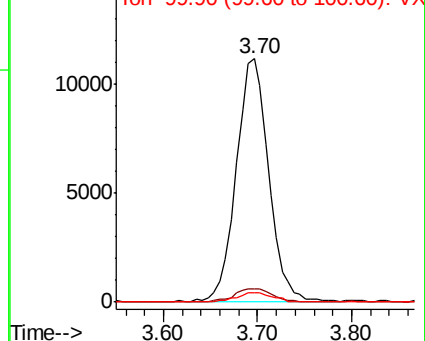
100 4.0 2.3 6.8

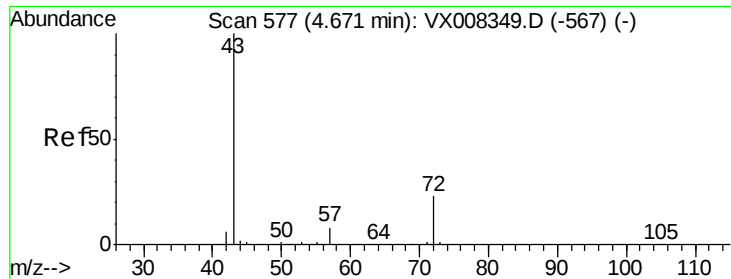


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 24.922 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

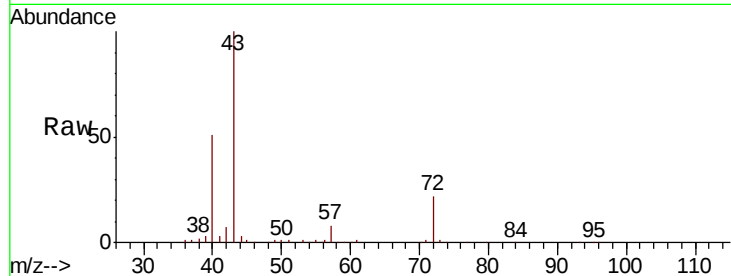
VSTDIC005

Tgt Ion: 43 Resp: 64156

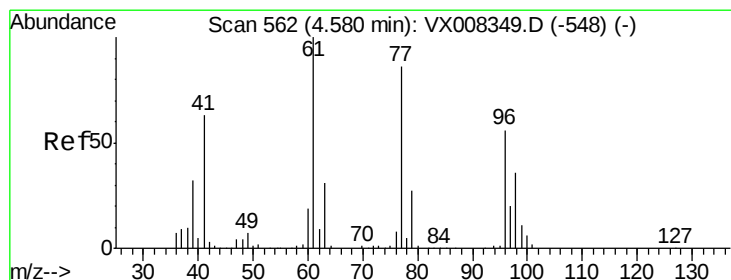
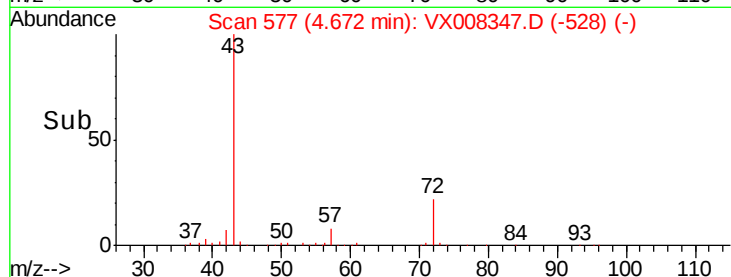
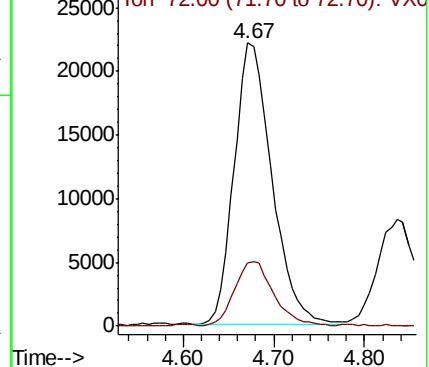
Ion Ratio Lower Upper

43 100

72 21.9 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX008347.D (-528) (-)



#26

2,2-Dichloropropane

Concen: 4.065 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX008347.D

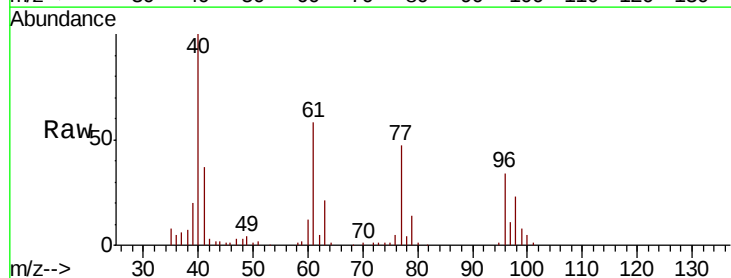
Acq: 23 Mar 2019 13:32

Tgt Ion: 77 Resp: 16636

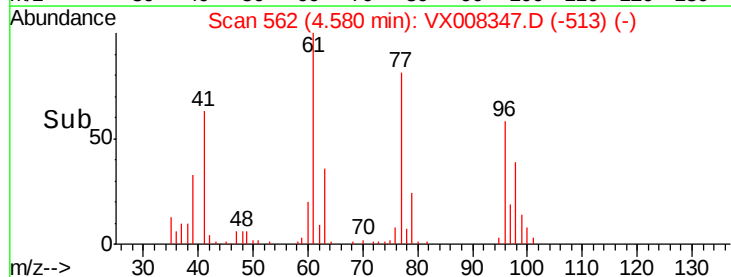
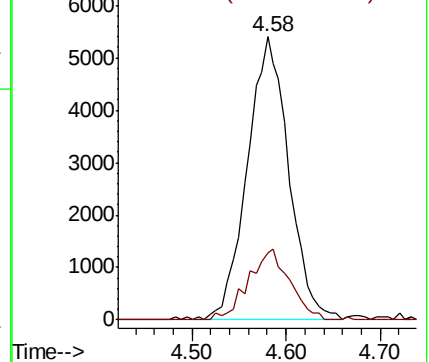
Ion Ratio Lower Upper

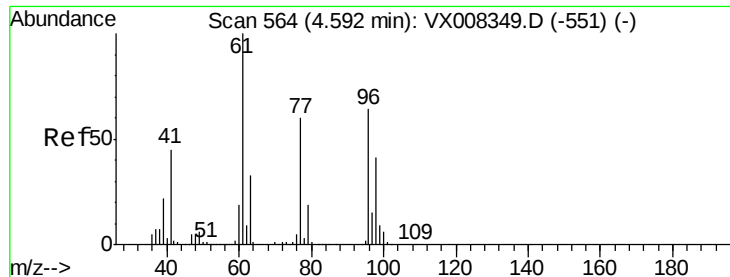
77 100

97 24.8 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX008347.D (-513) (-)





#27

cis-1,2-Dichloroethene

Concen: 4.887 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

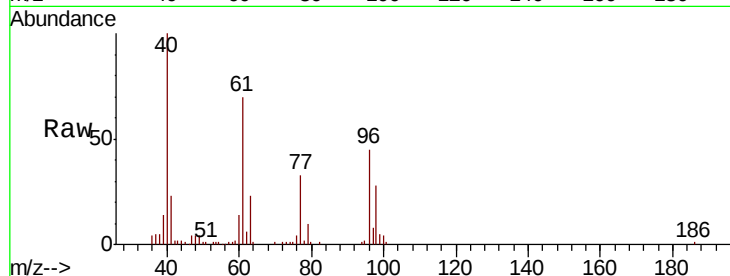
Tgt Ion: 96 Resp: 14909

Ion Ratio Lower Upper

96 100

61 165.4 0.0 288.0

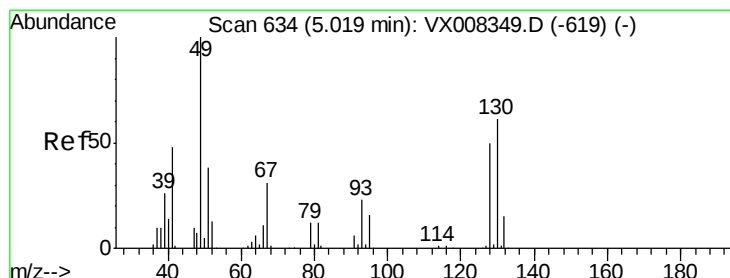
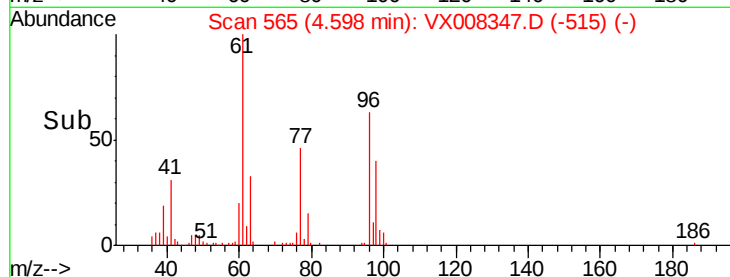
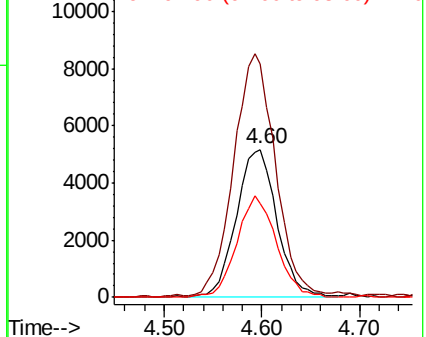
98 66.6 0.0 129.0



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: 5.076 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

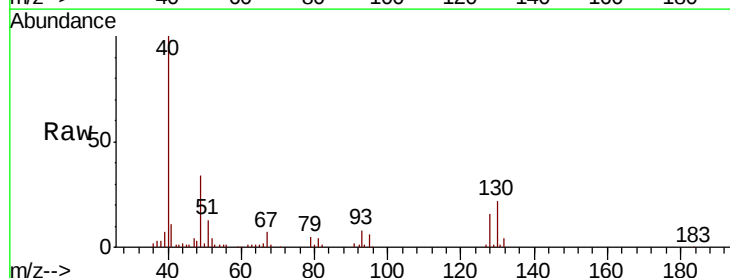
Tgt Ion: 49 Resp: 12381

Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

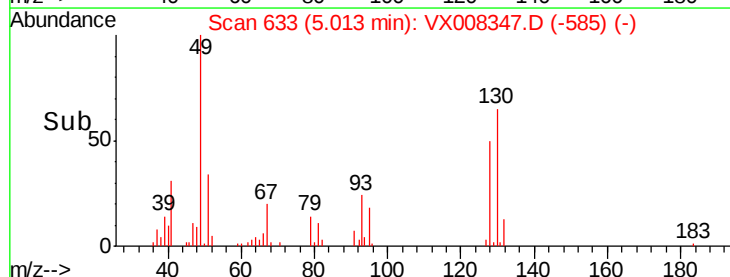
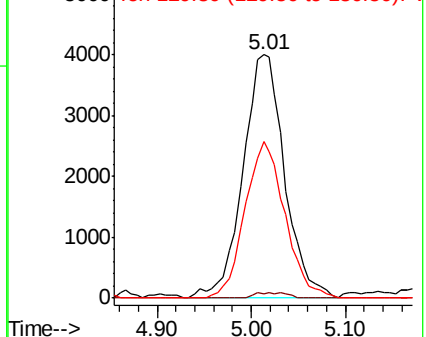
130 61.9 65.0 97.4#

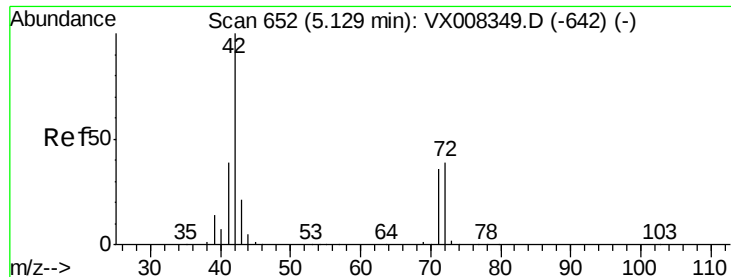


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

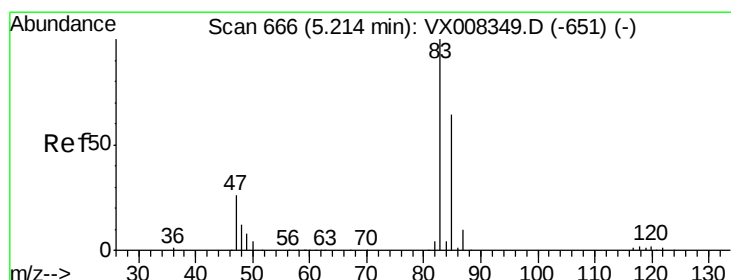
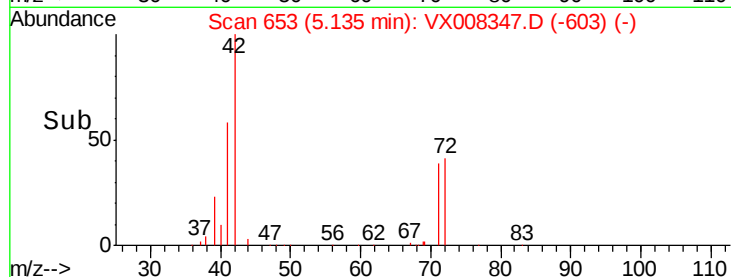
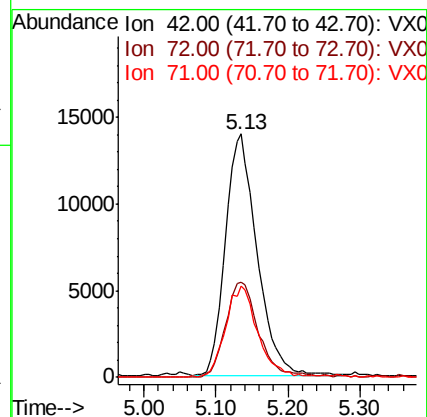
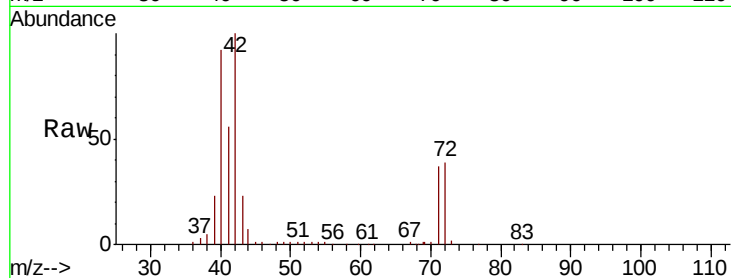




#29
Tetrahydrofuran
Concen: 26.335 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

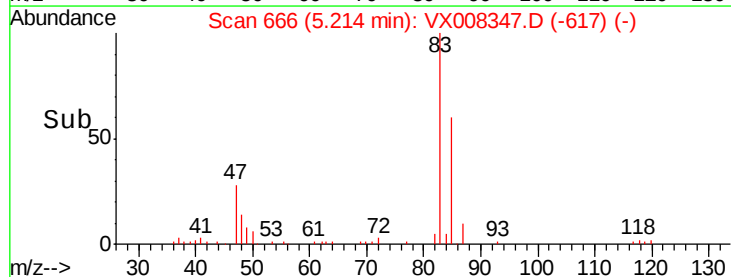
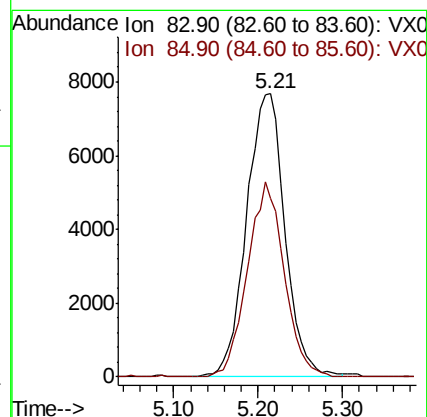
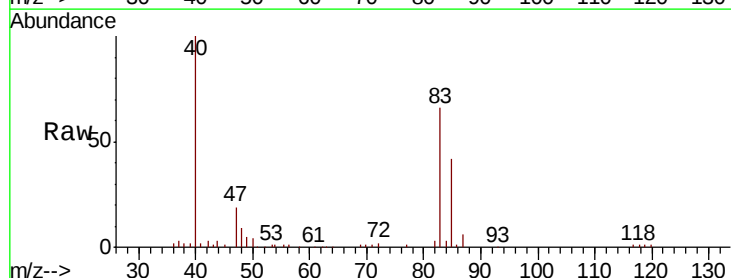
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

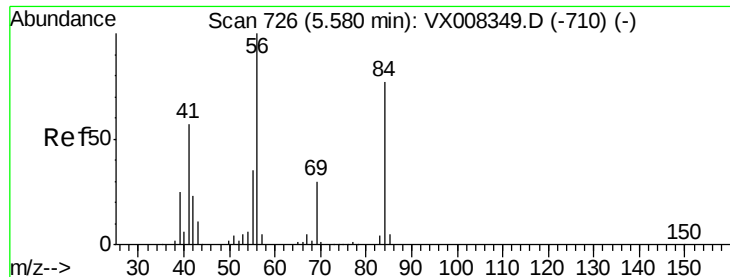
Tgt Ion: 42 Resp: 42381
Ion Ratio Lower Upper
42 100
72 41.4 33.8 50.6
71 38.7 31.5 47.3



#30
Chloroform
Concen: 4.690 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

Tgt Ion: 83 Resp: 23831
Ion Ratio Lower Upper
83 100
85 63.2 51.8 77.6

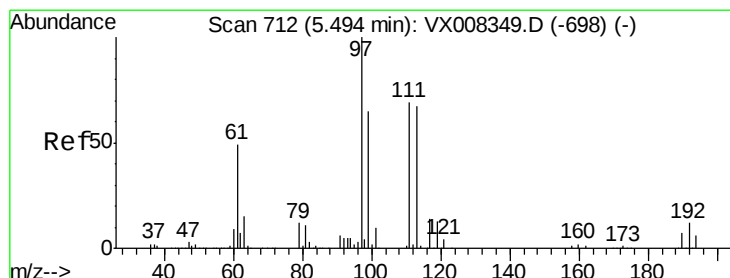
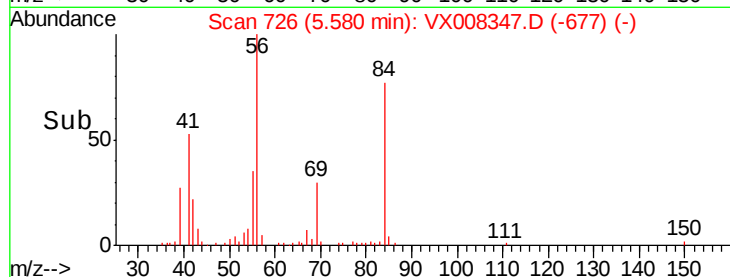
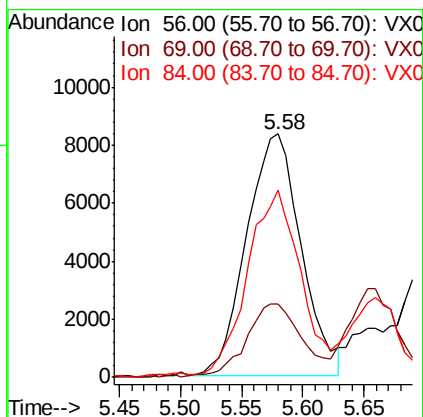
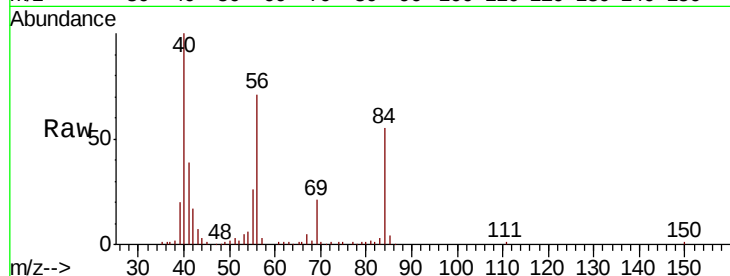




#31
Cyclohexane
Concen: 5.064 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

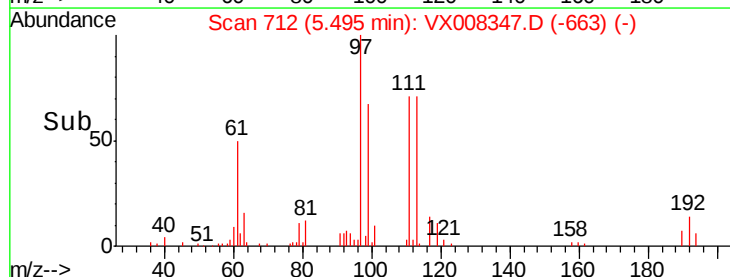
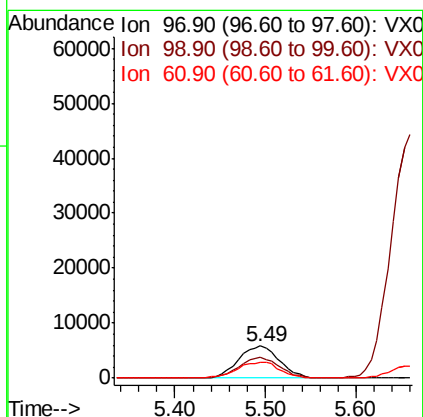
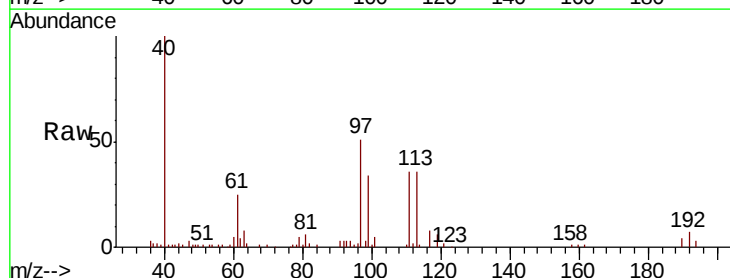
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

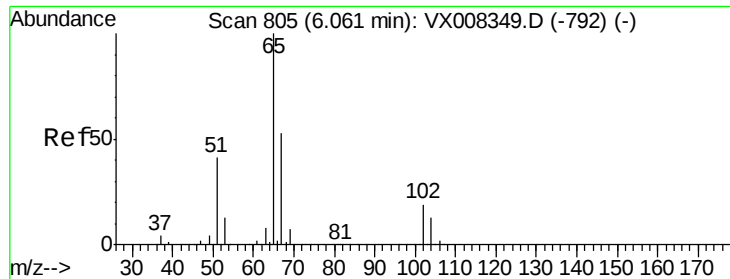
Tgt Ion: 56 Resp: 25830
Ion Ratio Lower Upper
56 100
69 29.2 24.0 36.0
84 76.4 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 4.323 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

Tgt Ion: 97 Resp: 18272
Ion Ratio Lower Upper
97 100
99 64.4 52.2 78.2
61 53.1 34.9 52.3#

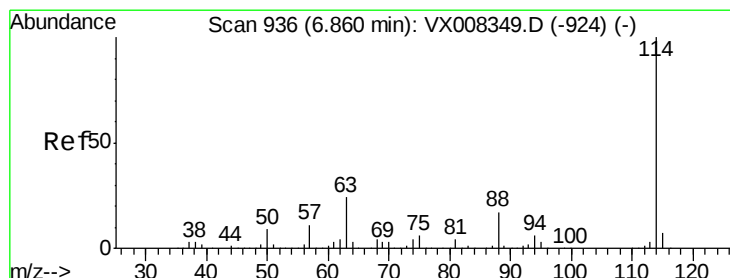
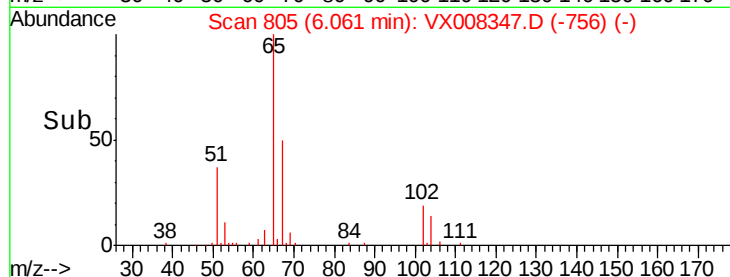
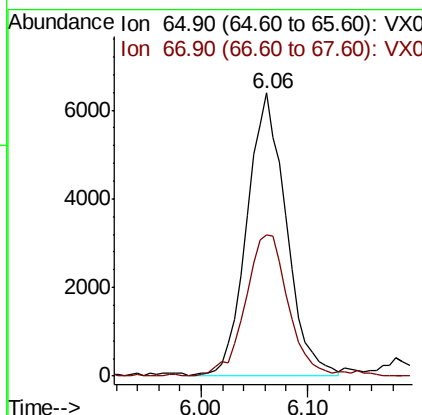
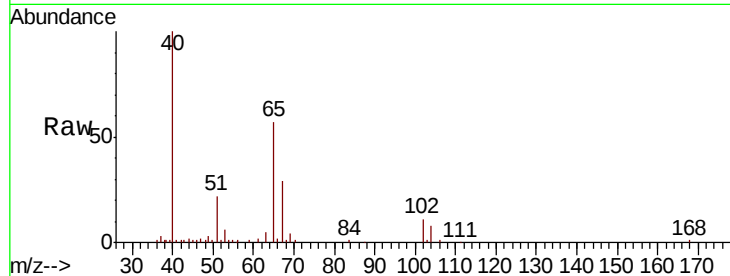




#33
 1,2-Dichloroethane-d4
 Concen: 5.385 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008347.D
 Acq: 23 Mar 2019 13:32

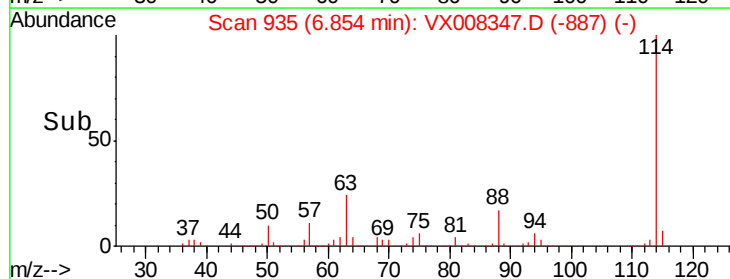
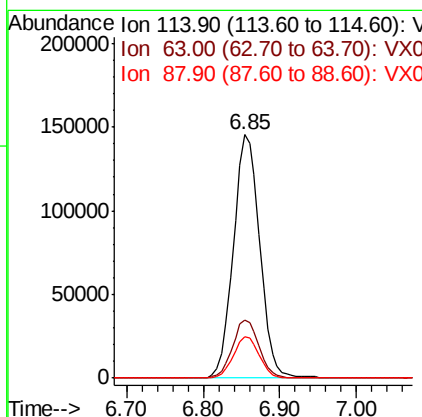
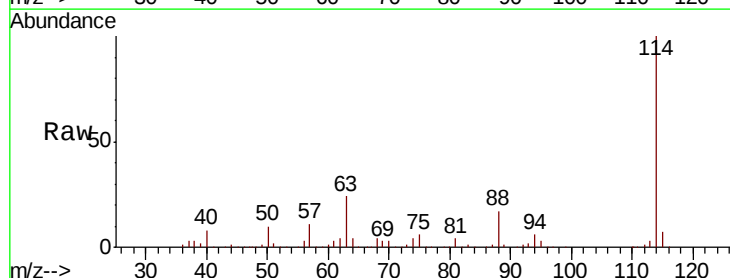
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

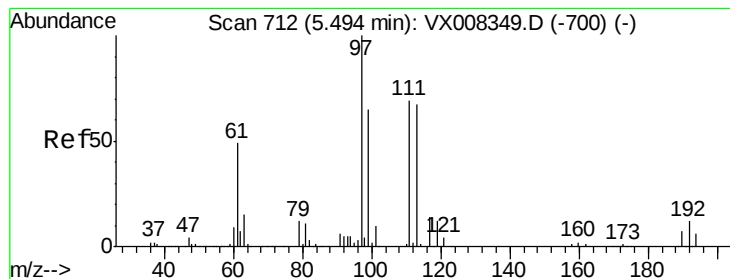
Tgt Ion: 65 Resp: 16557
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008347.D
 Acq: 23 Mar 2019 13:32

Tgt Ion: 114 Resp: 347327
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 39.8
 88 17.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 4.995 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

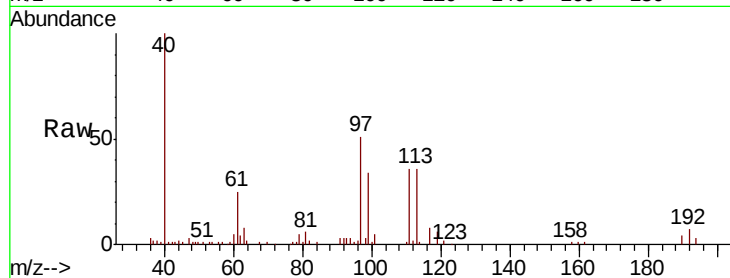
Tgt Ion:113 Resp: 11614

Ion Ratio Lower Upper

113 100

111 104.2 81.4 122.0

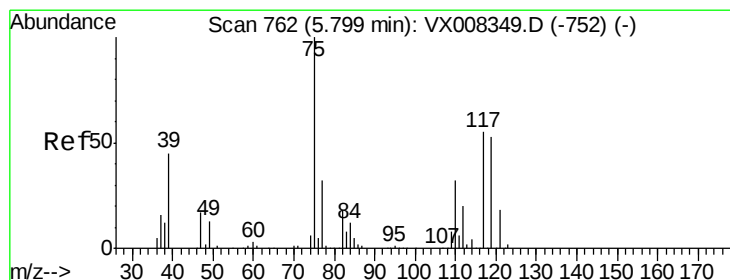
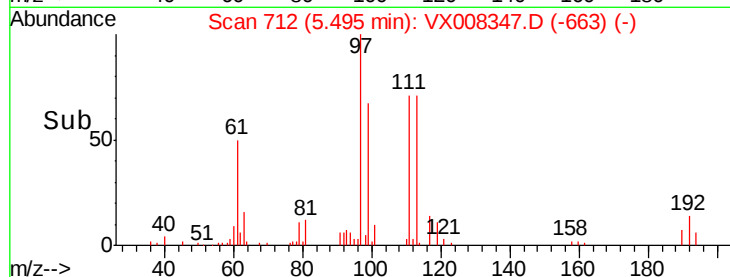
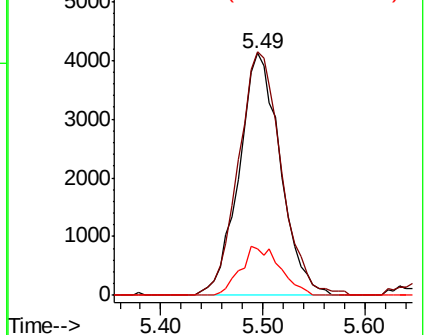
192 19.4 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.714 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

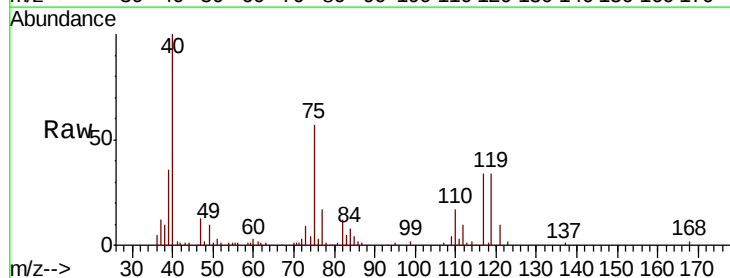
Tgt Ion: 75 Resp: 19062

Ion Ratio Lower Upper

75 100

110 33.1 18.4 55.0

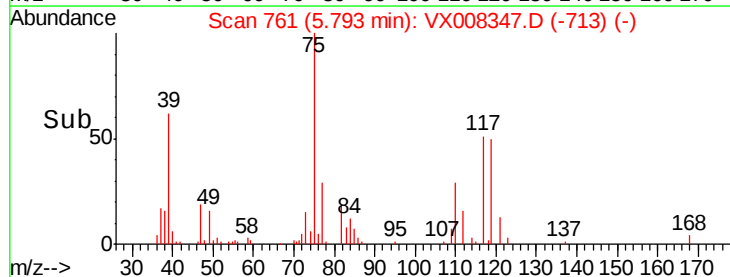
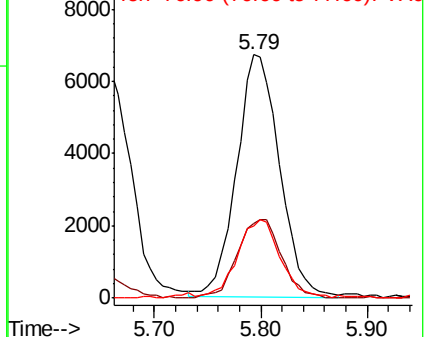
77 32.4 25.0 37.4

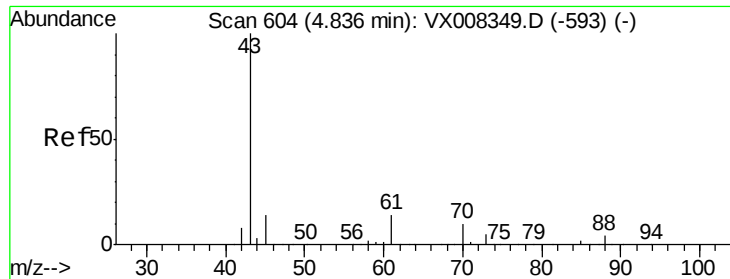


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

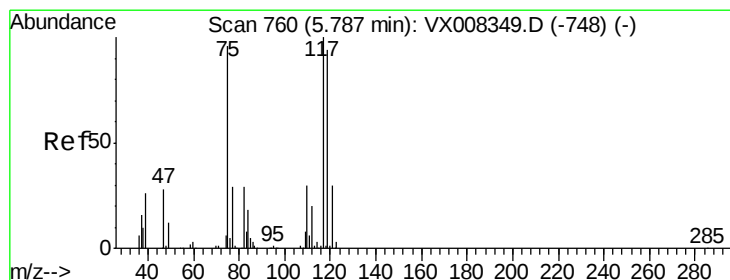
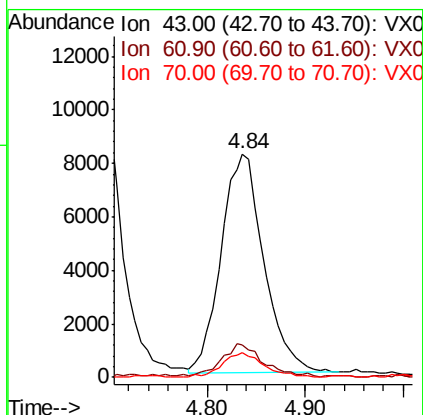
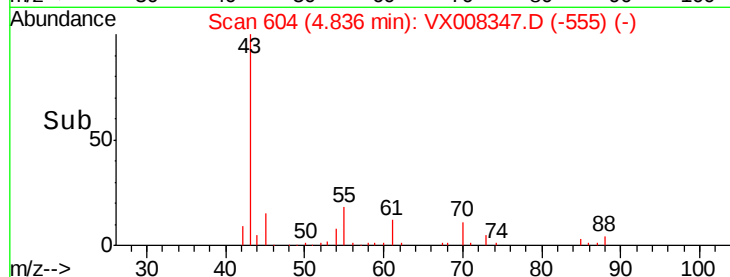
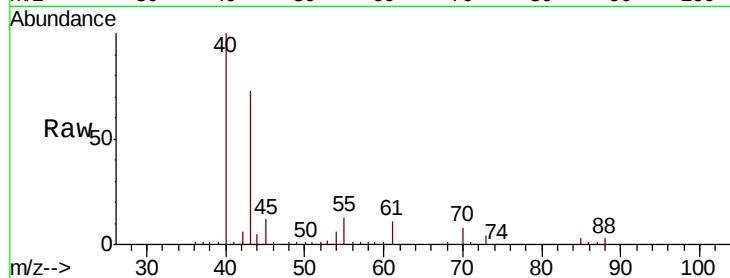




#37
Ethyl Acetate
Concen: 5.158 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

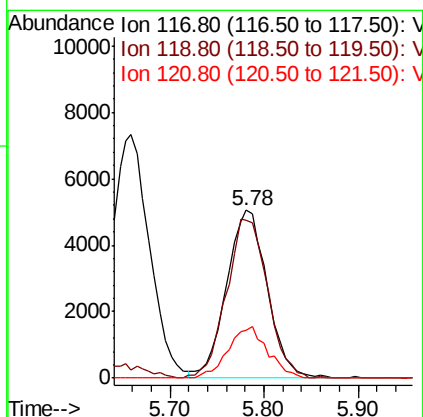
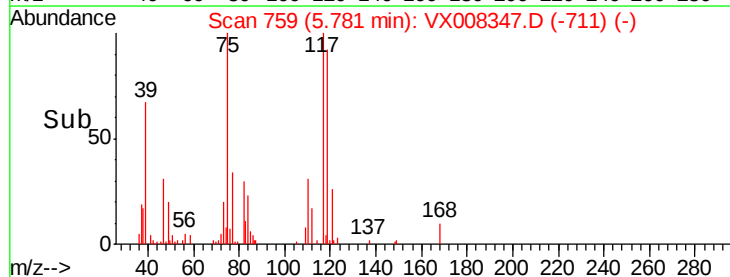
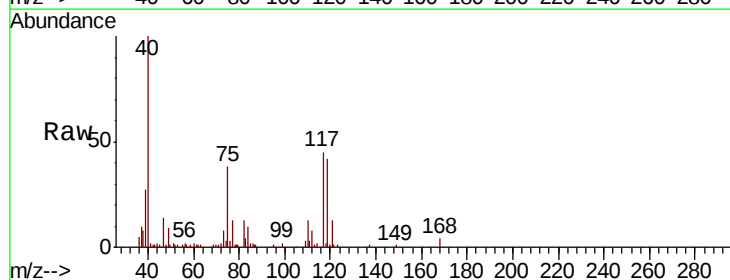
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

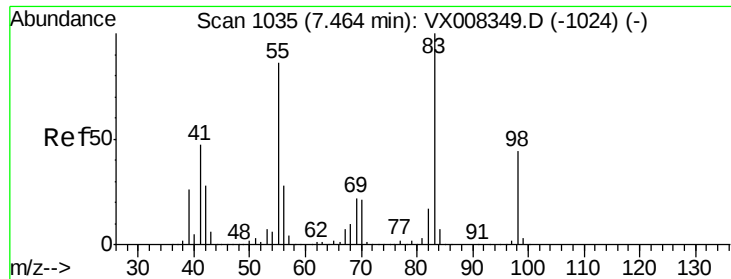
Tgt Ion: 43 Resp: 24655
Ion Ratio Lower Upper
43 100
61 15.6 11.3 16.9
70 11.0 8.5 12.7



#38
Carbon Tetrachloride
Concen: 4.237 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

Tgt Ion: 117 Resp: 15267
Ion Ratio Lower Upper
117 100
119 94.3 76.2 114.2
121 28.3 24.6 36.8

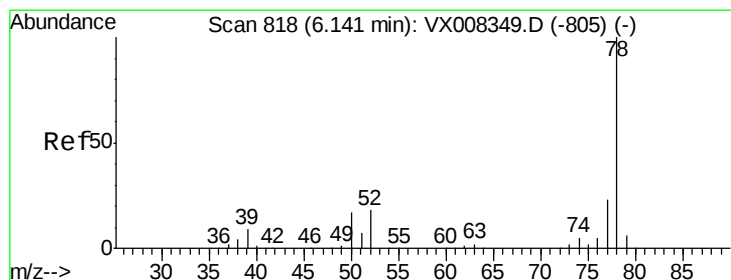
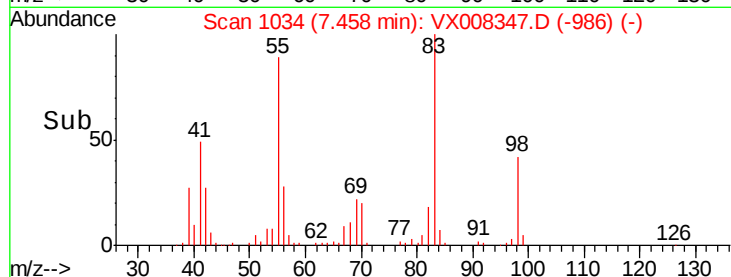
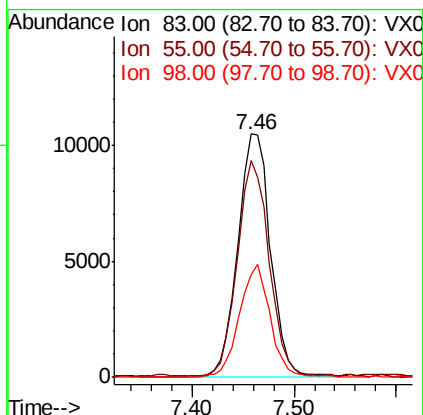
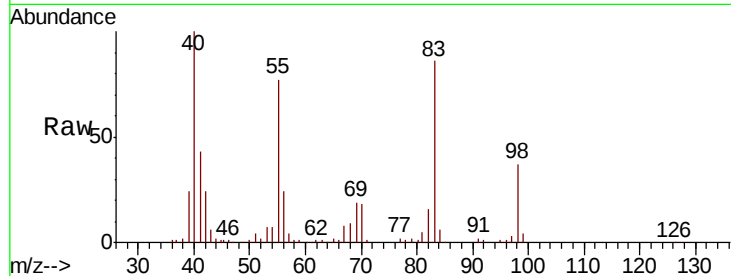




#39
Methylcyclohexane
Concen: 4.833 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

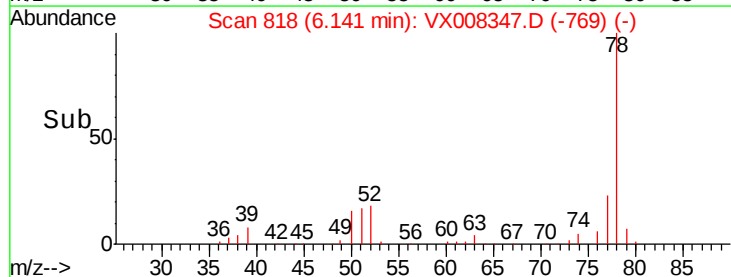
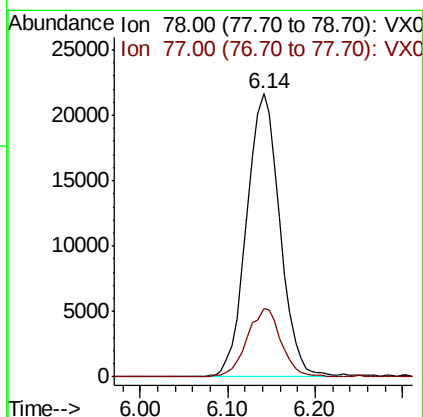
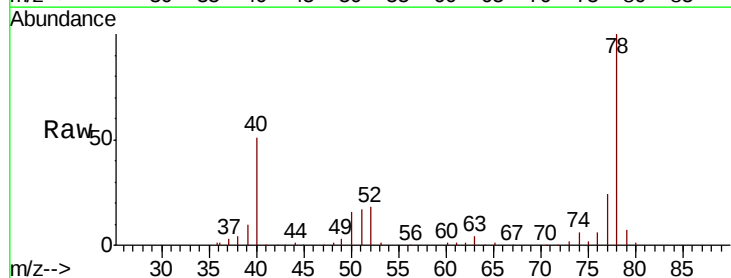
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

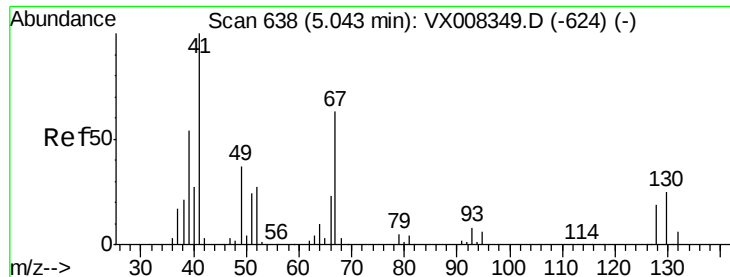
Tgt Ion: 83 Resp: 23518
Ion Ratio Lower Upper
83 100
55 88.8 60.4 90.6
98 42.3 36.5 54.7



#40
Benzene
Concen: 4.787 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

Tgt Ion: 78 Resp: 57292
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4

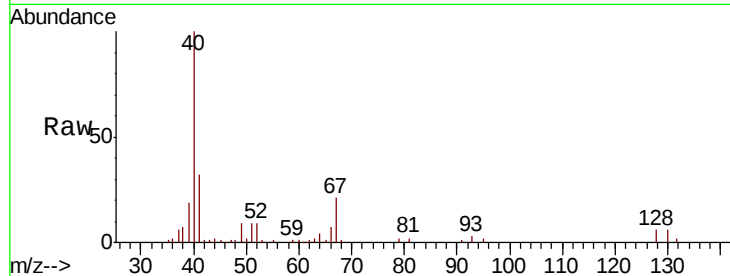




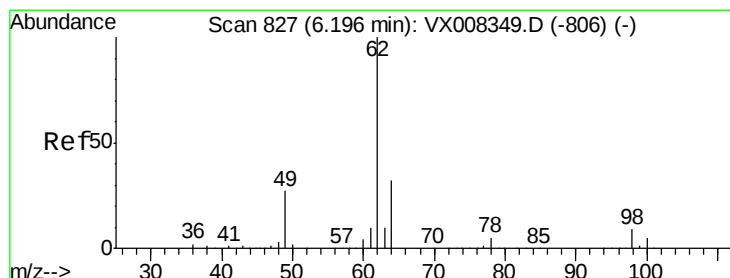
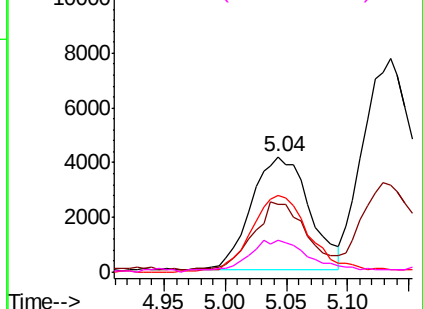
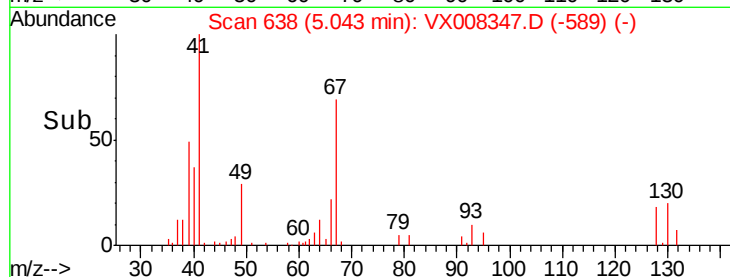
#41
Methacrylonitrile
Concen: 5.137 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	13773
Ion	Ratio	Lower	Upper
41	100		
39	55.2	41.6	62.4
67	69.6	55.8	83.6
52	31.2	21.7	32.5

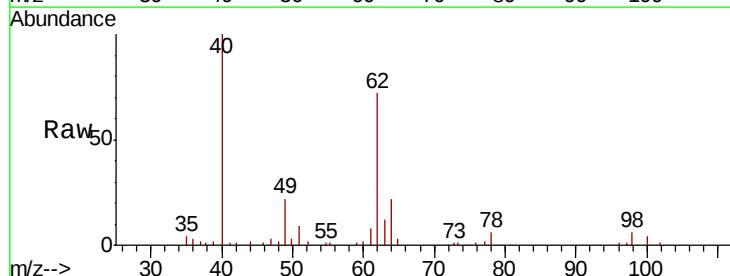


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

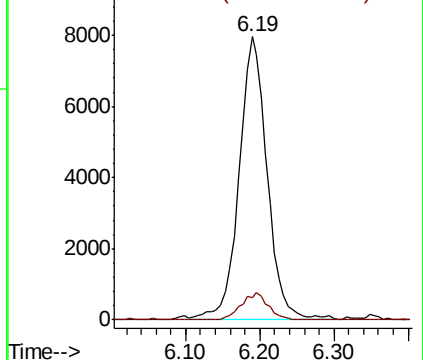
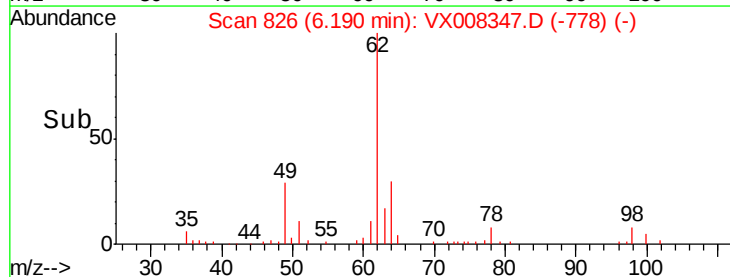


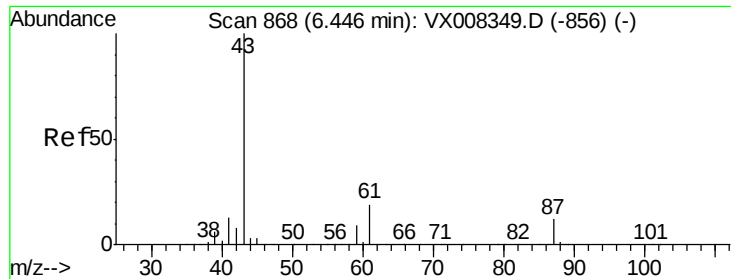
#42
1,2-Dichloroethane
Concen: 4.816 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

Tgt Ion:	62	Resp:	21115
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 5.084 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

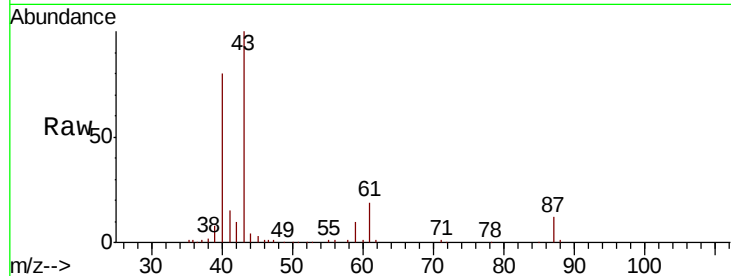
Tgt Ion: 43 Resp: 38952

Ion Ratio Lower Upper

43 100

61 18.8 16.3 24.5

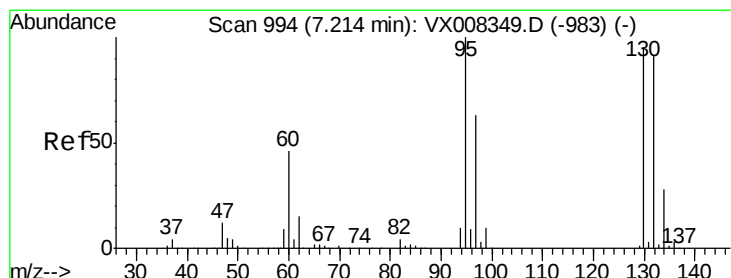
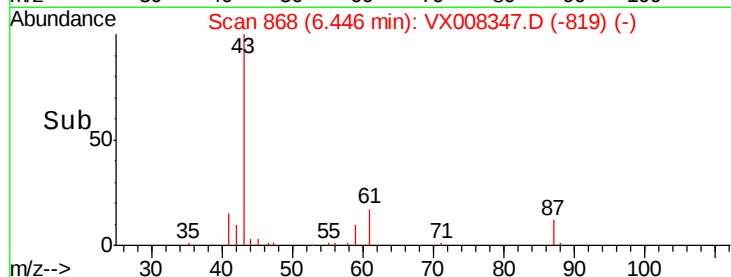
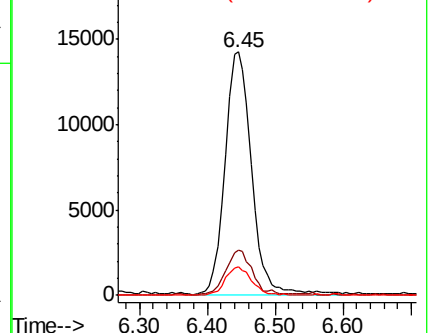
87 11.3 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 4.487 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008347.D

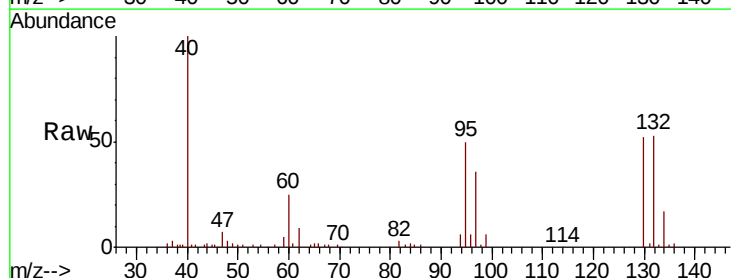
Acq: 23 Mar 2019 13:32

Tgt Ion: 130 Resp: 13130

Ion Ratio Lower Upper

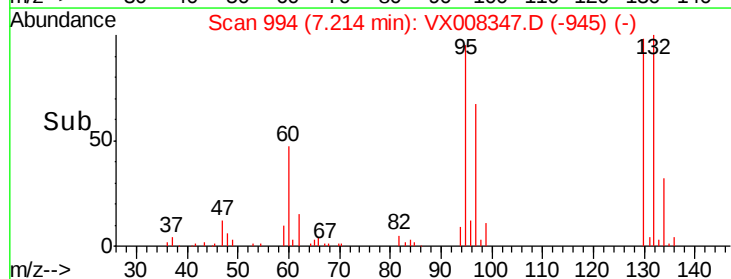
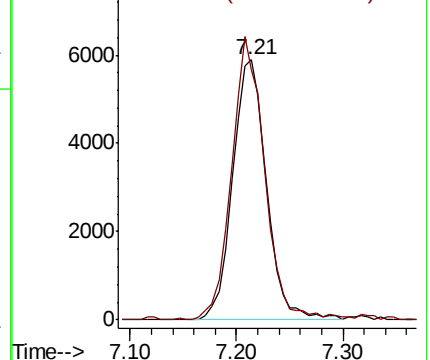
130 100

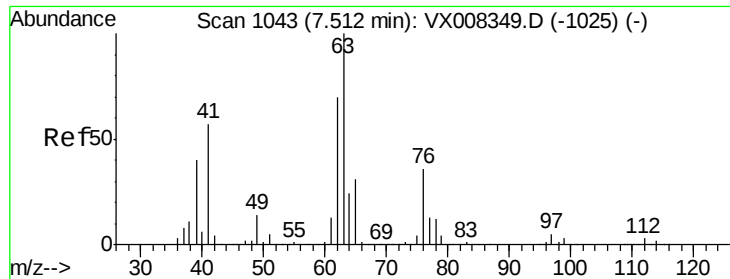
95 96.3 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

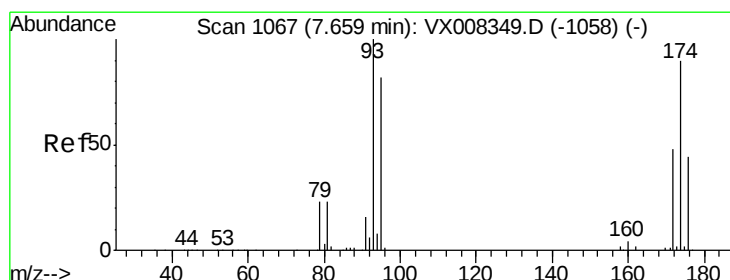
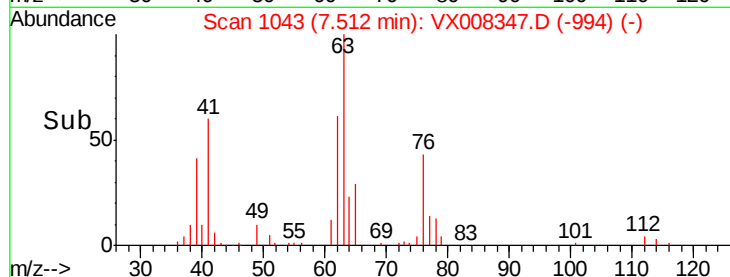
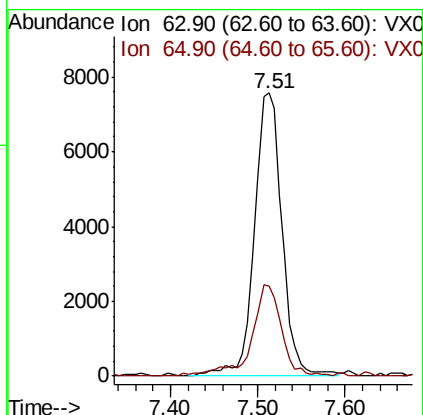
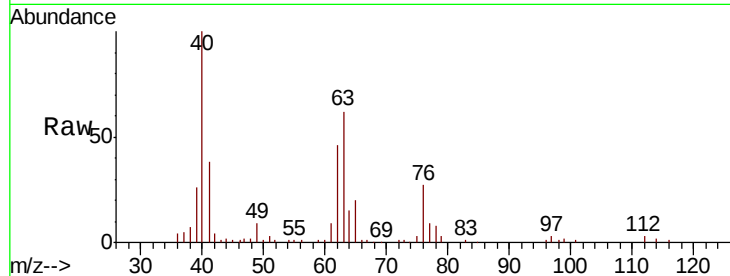




#45
 1,2-Dichloropropane
 Concen: 4.960 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008347.D
 Acq: 23 Mar 2019 13:32

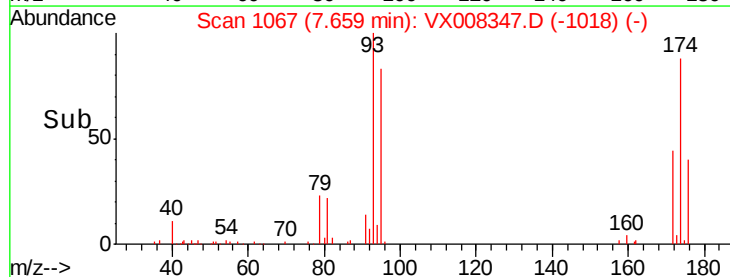
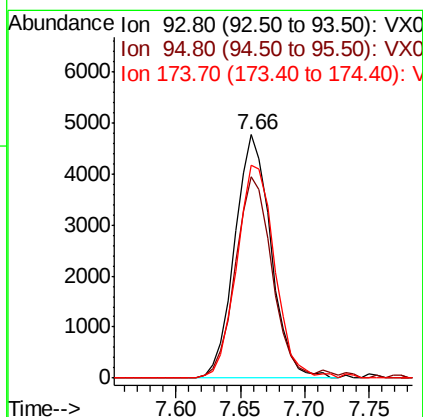
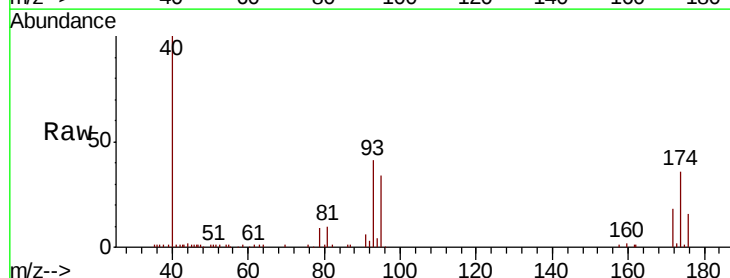
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

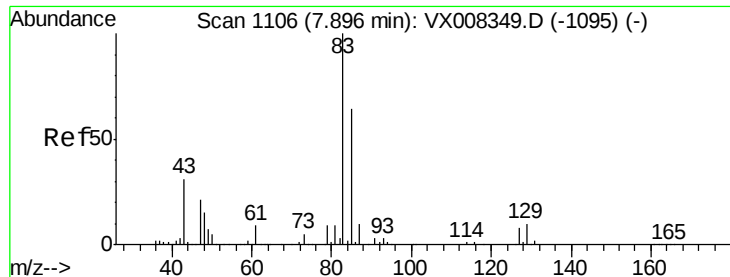
Tgt Ion: 63 Resp: 16620
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.7 37.1



#46
 Dibromomethane
 Concen: 4.565 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008347.D
 Acq: 23 Mar 2019 13:32

Tgt Ion: 93 Resp: 9261
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.8 100.2
 174 91.9 97.3 145.9#





#47

Bromodichloromethane

Concen: 4.461 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

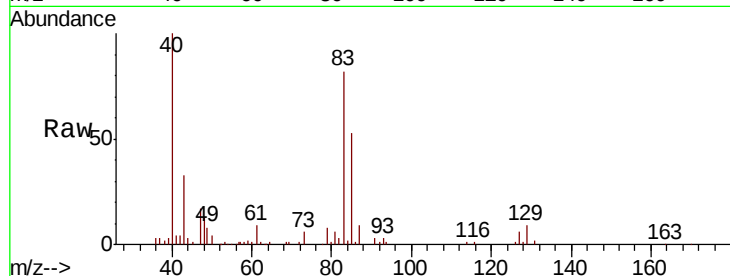
Tgt Ion: 83 Resp: 17246

Ion Ratio Lower Upper

83 100

85 63.9 50.9 76.3

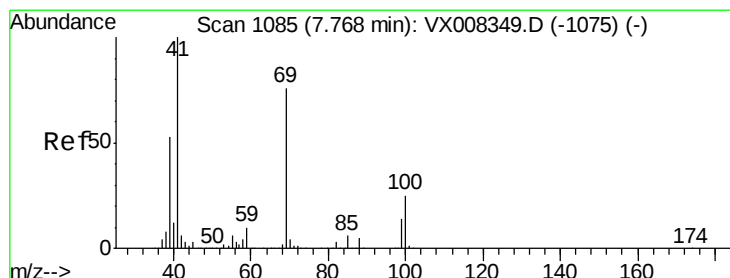
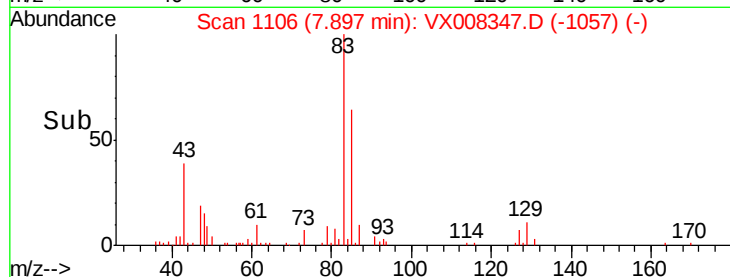
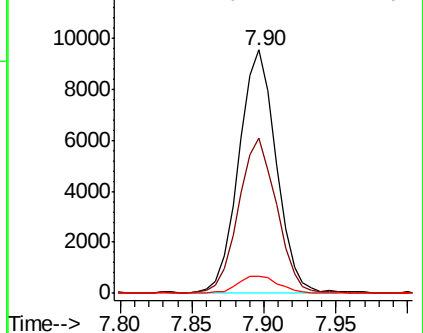
127 7.1 7.4 11.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.600 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

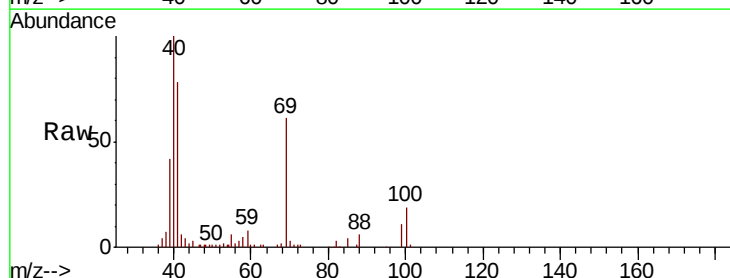
Tgt Ion: 41 Resp: 18739

Ion Ratio Lower Upper

41 100

69 78.2 65.2 97.8

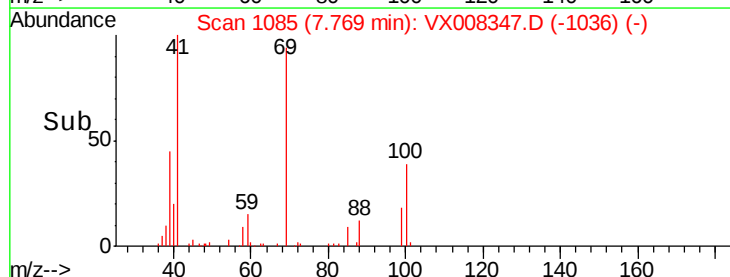
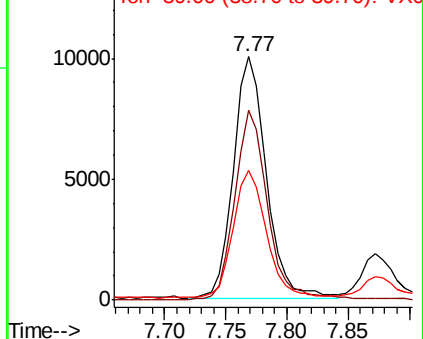
39 53.4 39.4 59.2

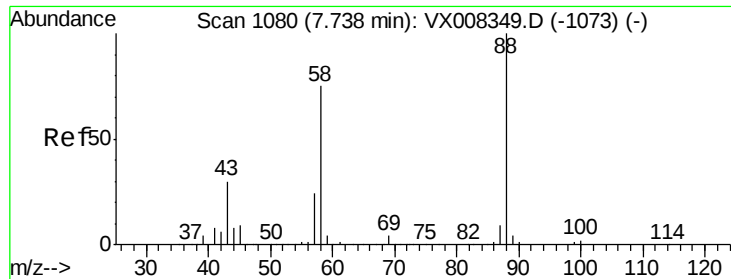


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

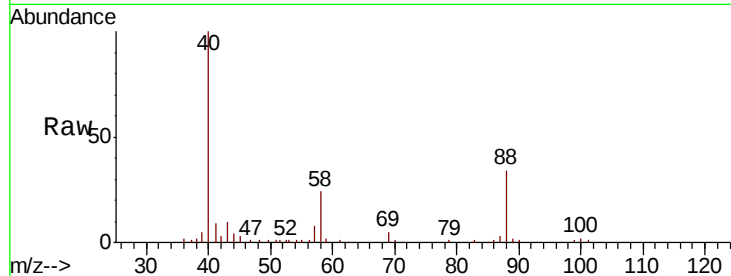




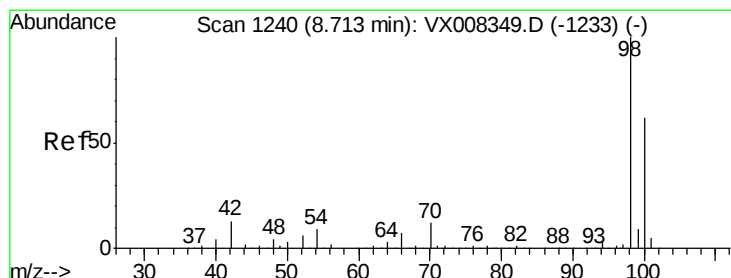
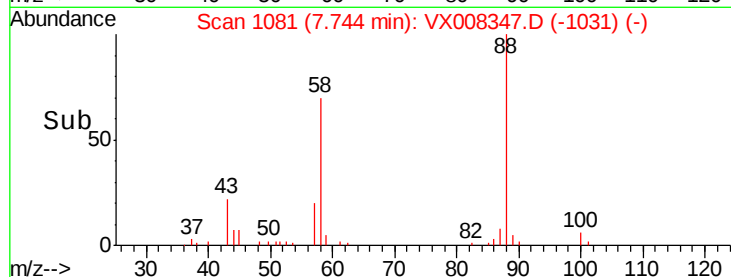
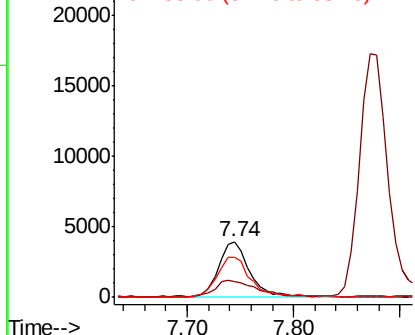
#49
1,4-Dioxane
Concen: 111.623 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 8025
Ion Ratio Lower Upper
88 100
43 45.3 25.1 37.7#
58 79.7 57.8 86.6

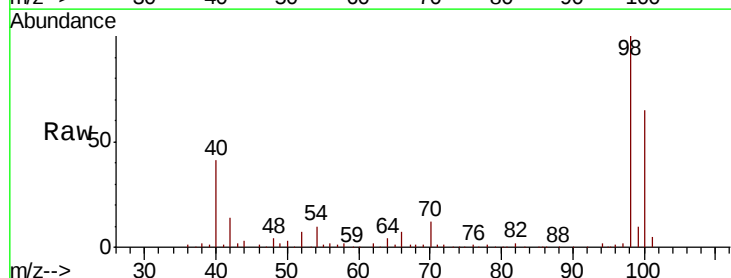


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

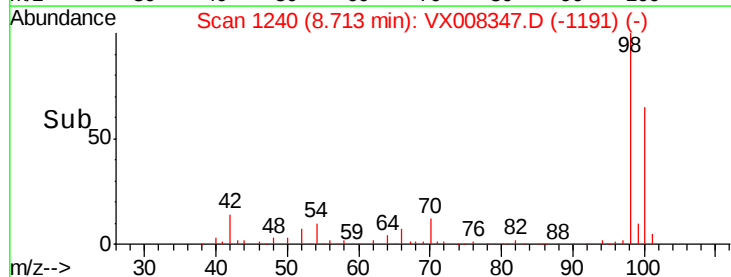
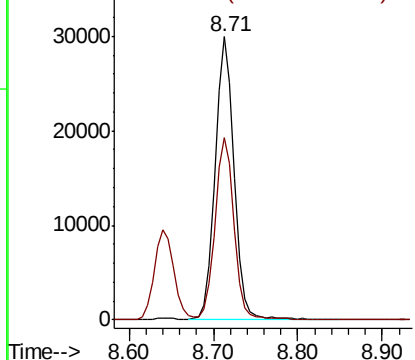


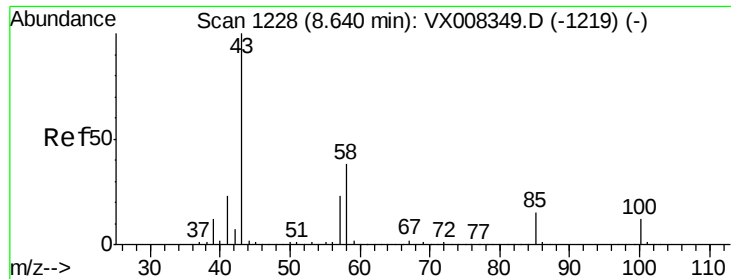
#50
Toluene-d8
Concen: 5.304 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

Tgt Ion: 98 Resp: 46754
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5



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: 25.568 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

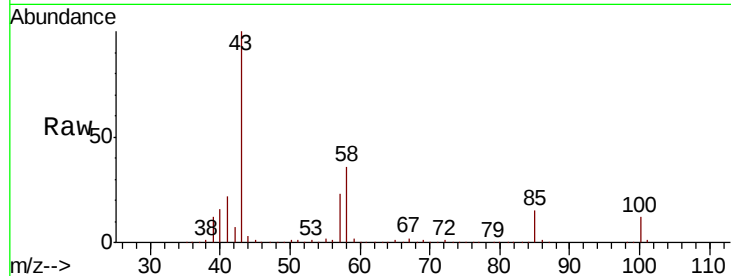
VSTDIC005

Tgt Ion: 43 Resp: 126650

Ion Ratio Lower Upper

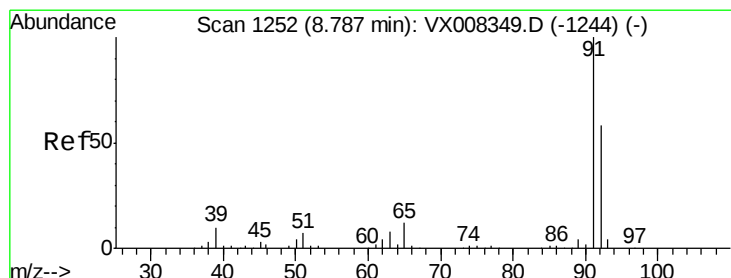
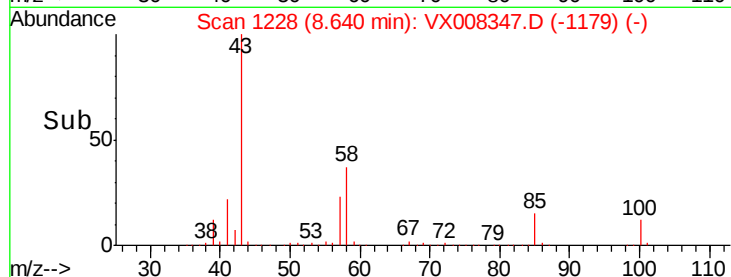
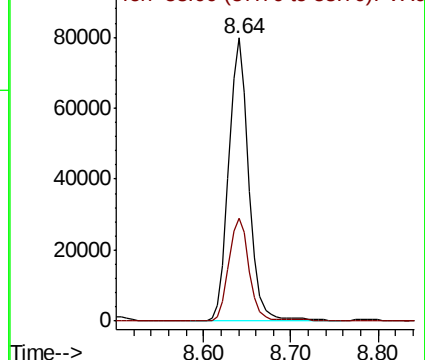
43 100

58 36.8 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 4.733 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008347.D

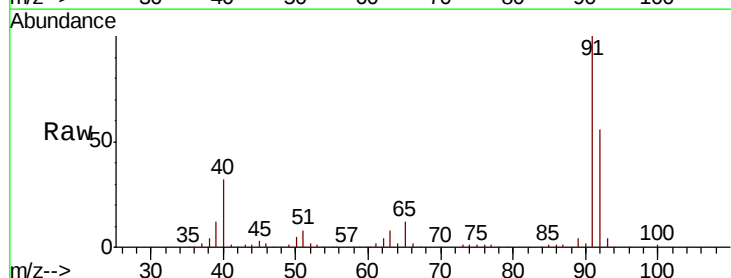
Acq: 23 Mar 2019 13:32

Tgt Ion: 92 Resp: 33604

Ion Ratio Lower Upper

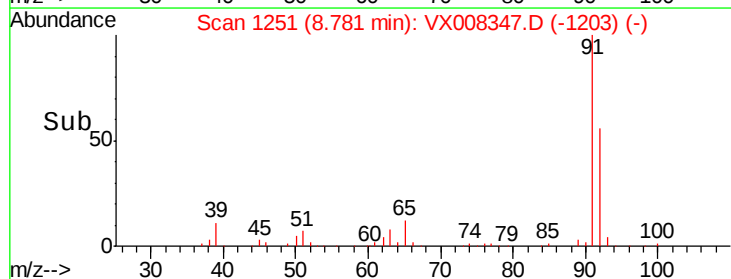
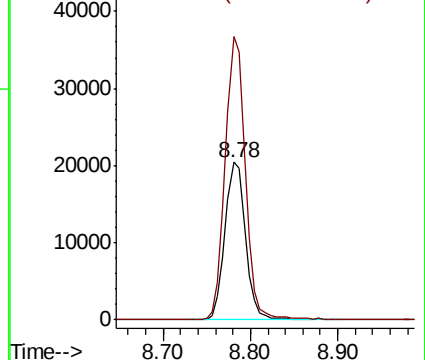
92 100

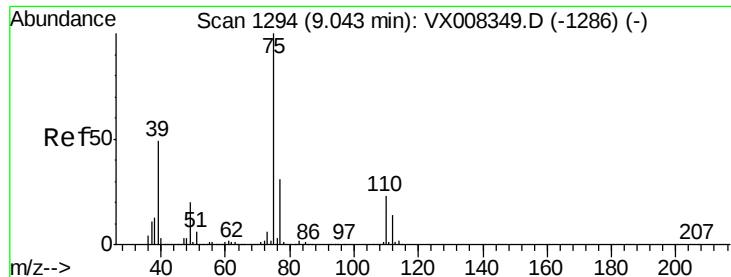
91 175.6 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 3.847 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

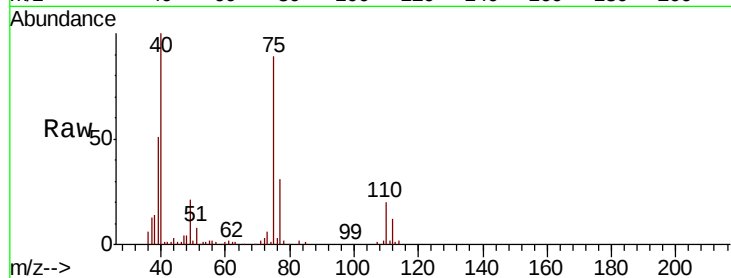
VSTDIC005

Tgt Ion: 75 Resp: 16643

Ion Ratio Lower Upper

75 100

77 33.7 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

12000

10000

8000

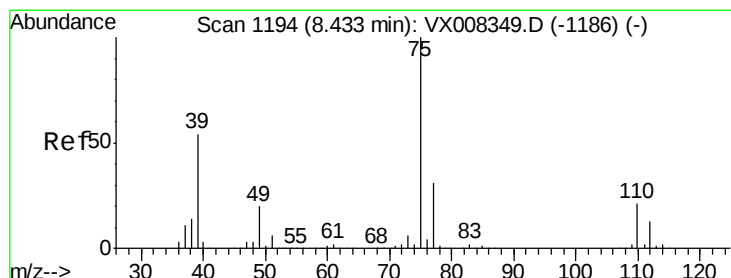
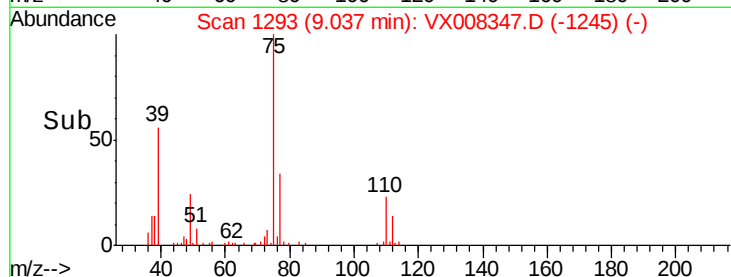
6000

4000

2000

0

Time--> 8.95 9.00 9.05 9.10



#54

cis-1,3-Dichloropropene

Concen: 4.146 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

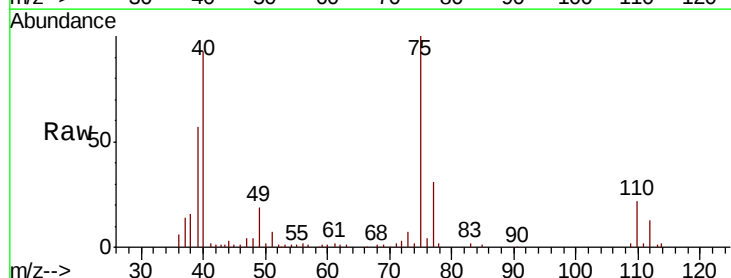
Tgt Ion: 75 Resp: 19893

Ion Ratio Lower Upper

75 100

77 30.1 25.0 37.6

39 55.6 36.6 54.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

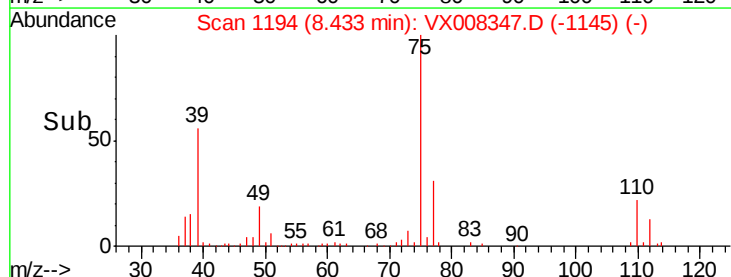
15000

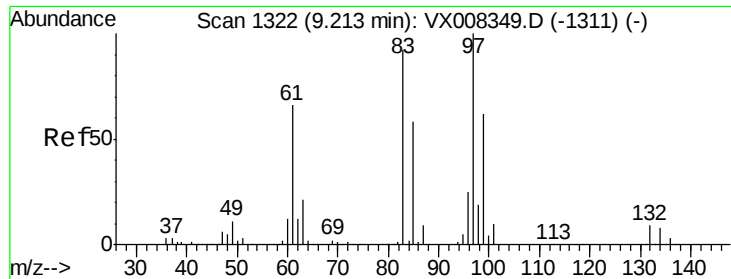
10000

5000

0

Time--> 8.35 8.40 8.45 8.50

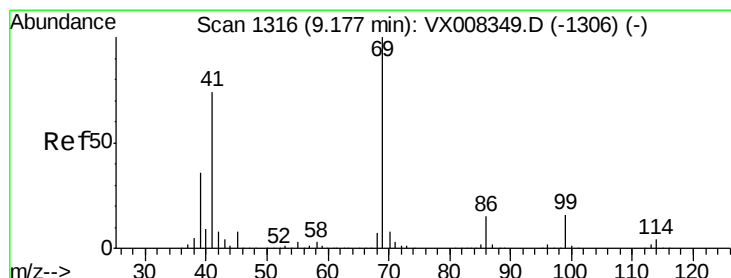
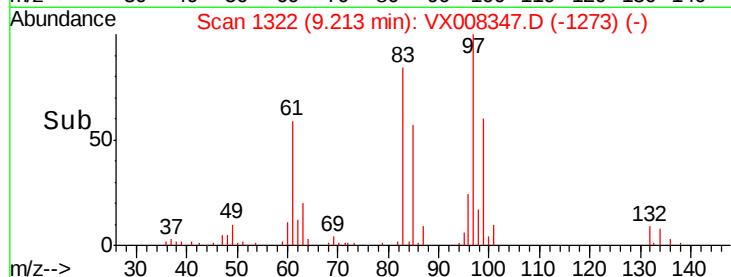
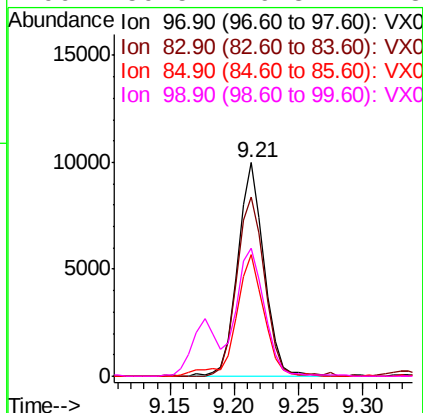
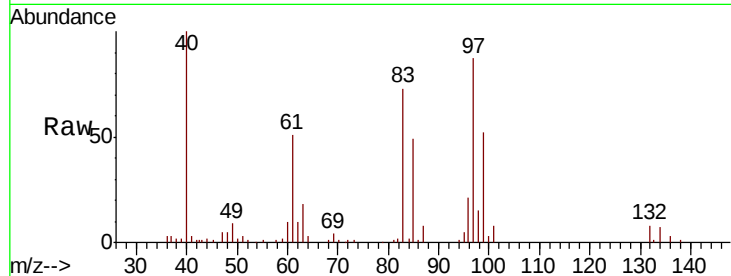




#55
 1,1,2-Trichloroethane
 Concen: 4.935 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008347.D
 Acq: 23 Mar 2019 13:32

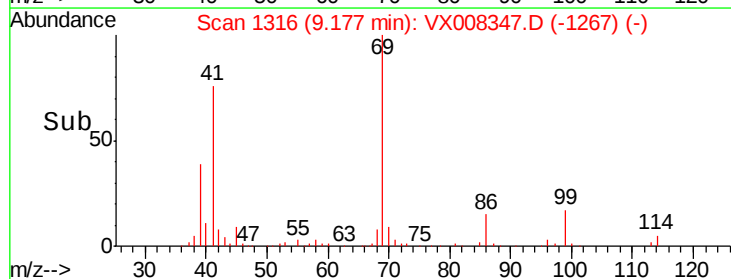
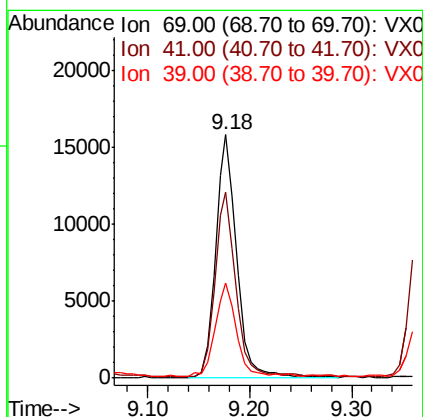
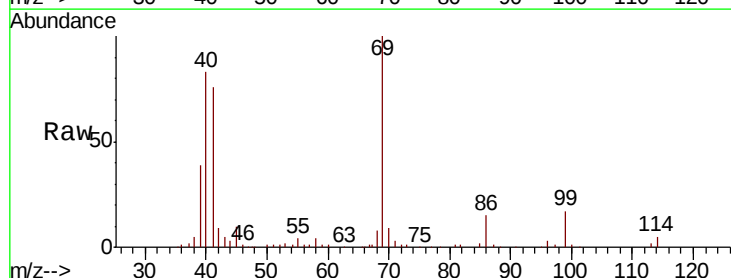
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

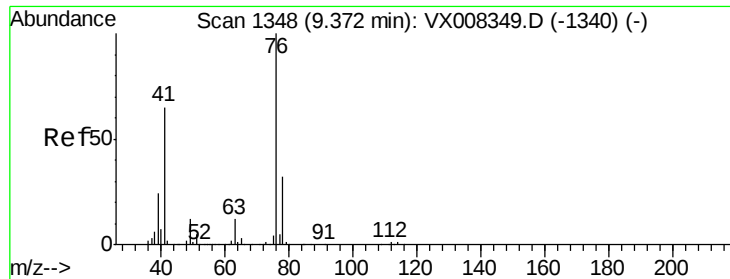
Tgt Ion:	97	Resp:	14158
Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.1	103.7
85	56.8	44.3	66.5
99	59.5	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 5.036 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008347.D
 Acq: 23 Mar 2019 13:32

Tgt Ion:	69	Resp:	23111
Ion	Ratio	Lower	Upper
69	100		
41	74.1	54.2	81.4
39	37.7	25.0	37.4#

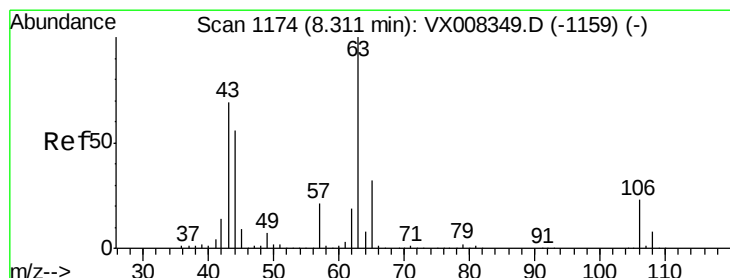
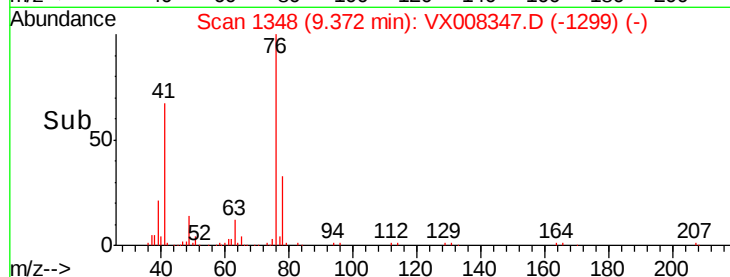
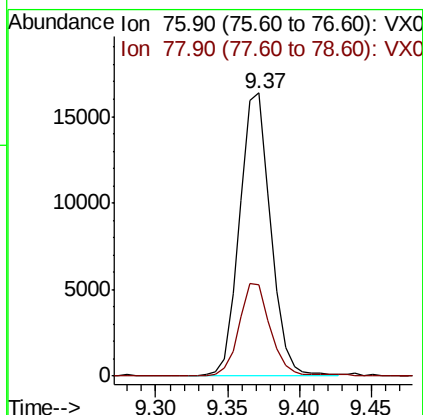
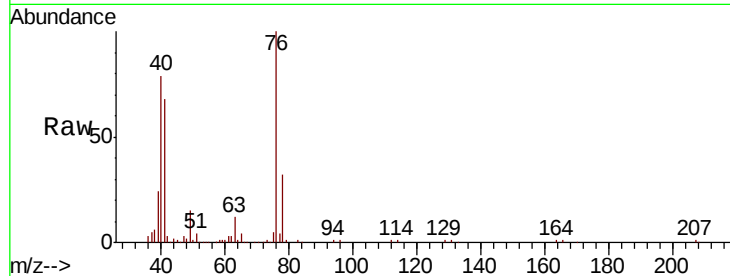




#57
 1,3-Dichloropropane
 Concen: 4.824 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008347.D
 Acq: 23 Mar 2019 13:32

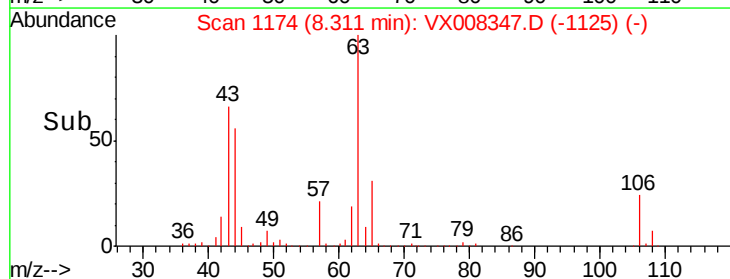
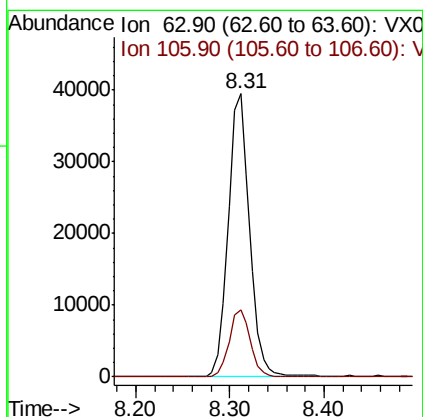
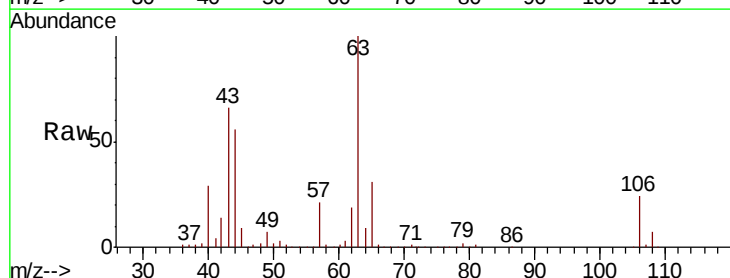
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

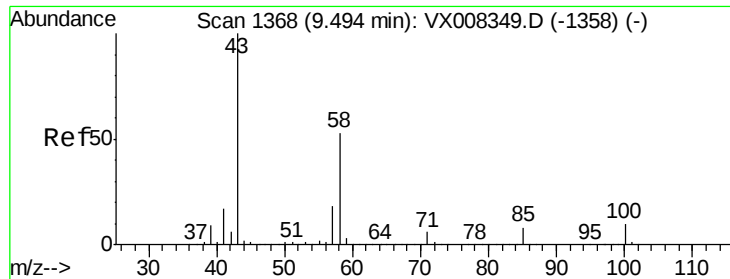
Tgt Ion: 76 Resp: 24484
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 26.517 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX008347.D
 Acq: 23 Mar 2019 13:32

Tgt Ion: 63 Resp: 62330
 Ion Ratio Lower Upper
 63 100
 106 23.7 22.2 33.2

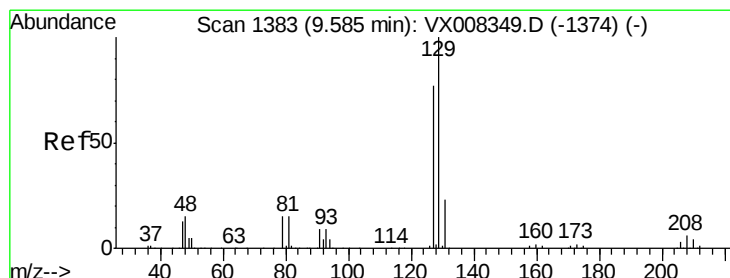
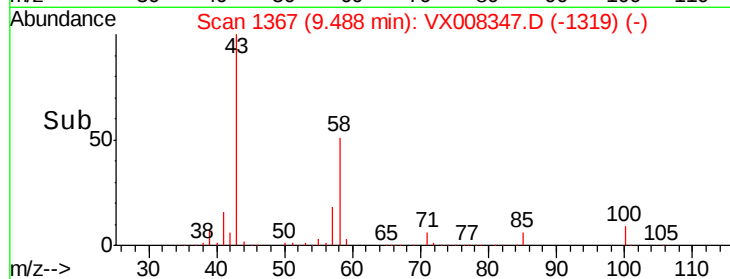
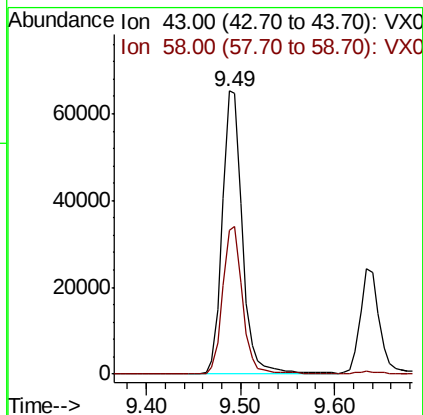
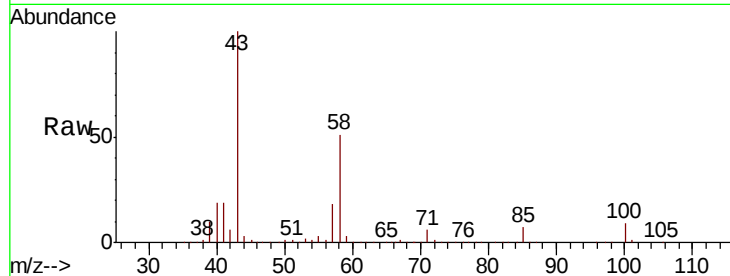




#59
2-Hexanone
Concen: 25.147 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

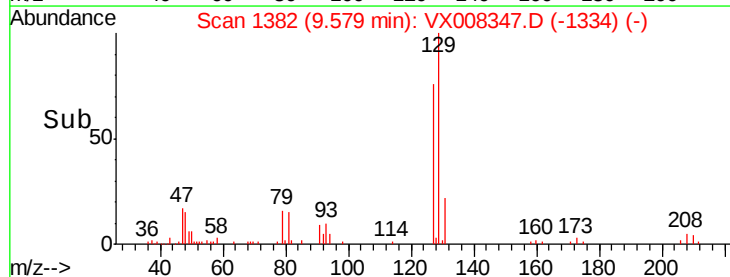
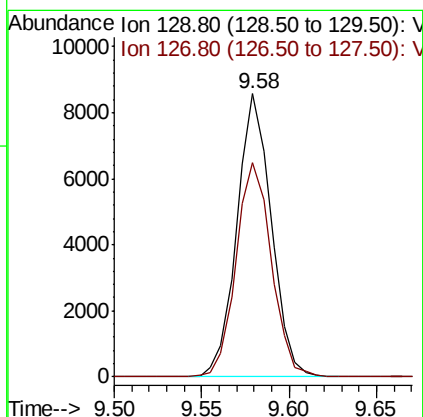
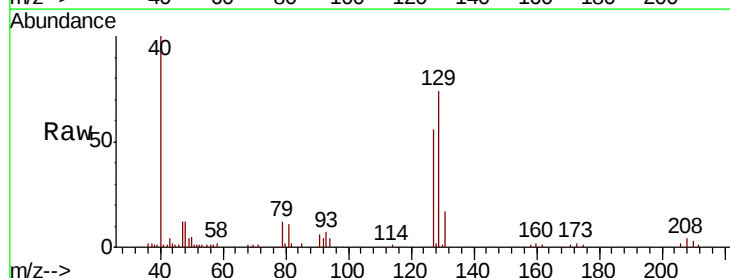
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

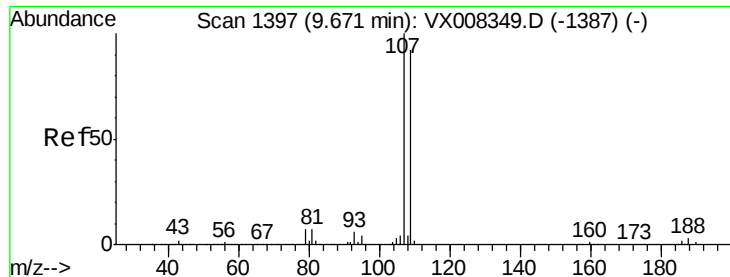
Tgt Ion: 43 Resp: 95900
Ion Ratio Lower Upper
43 100
58 52.1 27.6 82.7



#60
Dibromochloromethane
Concen: 4.273 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

Tgt Ion: 129 Resp: 11780
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.8





#61

1,2-Dibromoethane

Concen: 4.693 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

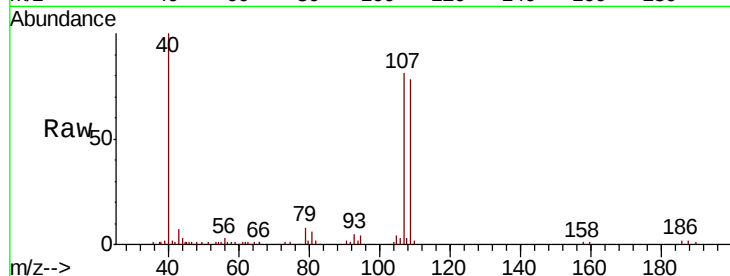
VSTDIC005

Tgt Ion: 107 Resp: 14057

Ion Ratio Lower Upper

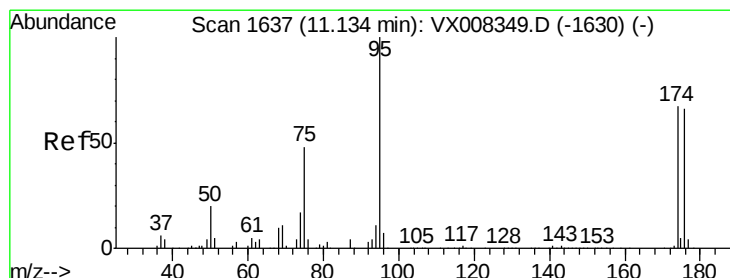
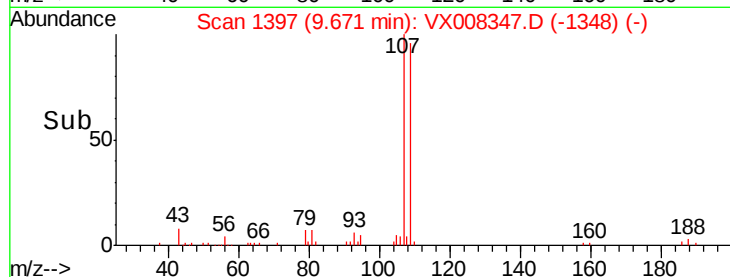
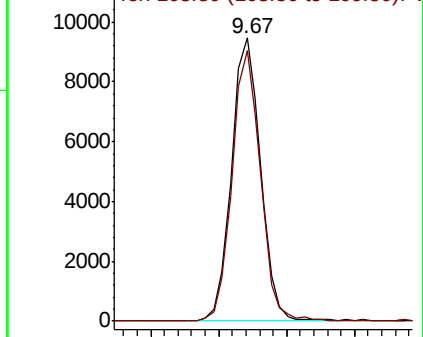
107 100

109 93.3 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.523 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

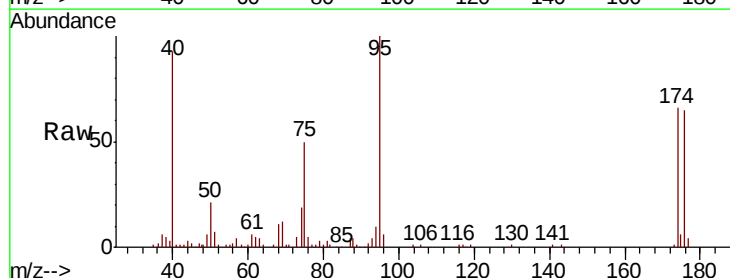
Tgt Ion: 95 Resp: 16764

Ion Ratio Lower Upper

95 100

174 71.3 0.0 182.8

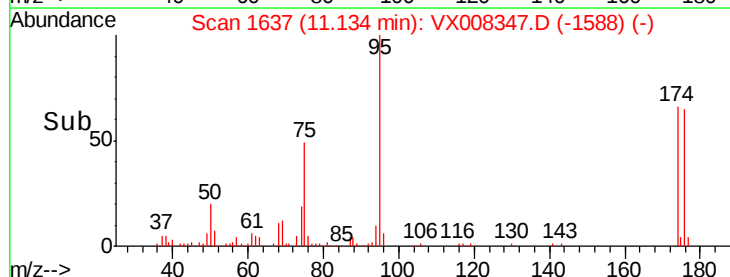
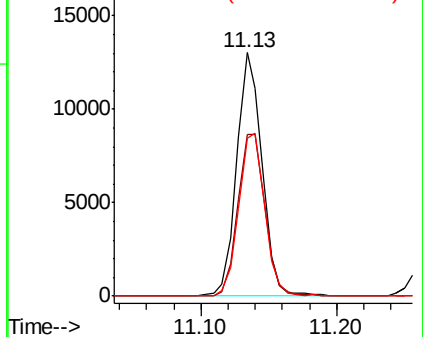
176 68.7 0.0 178.0

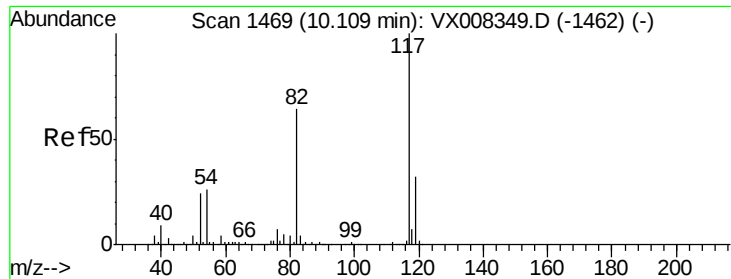


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

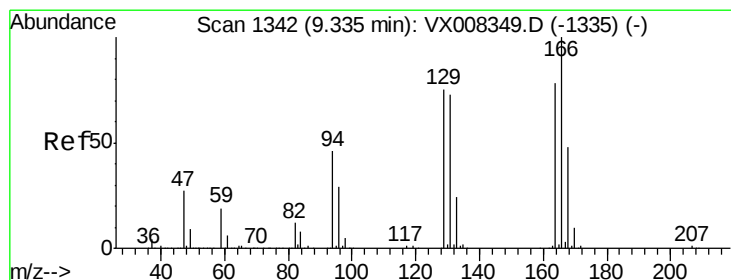
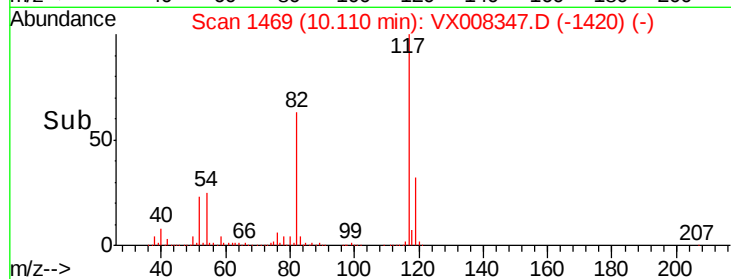
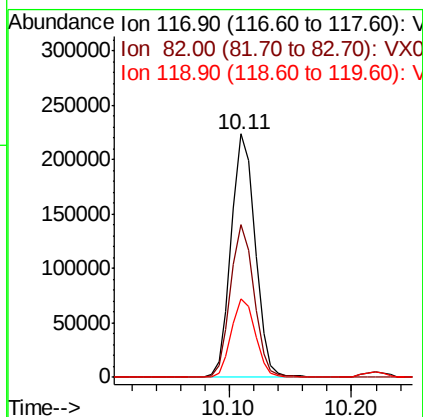
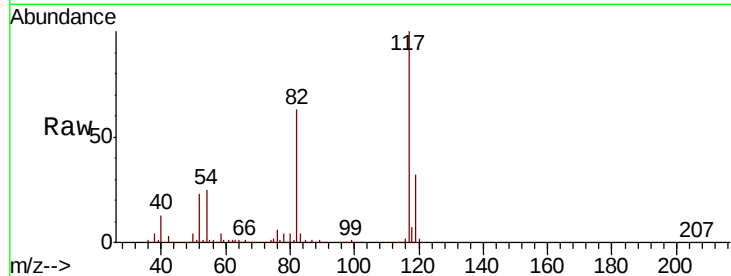




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

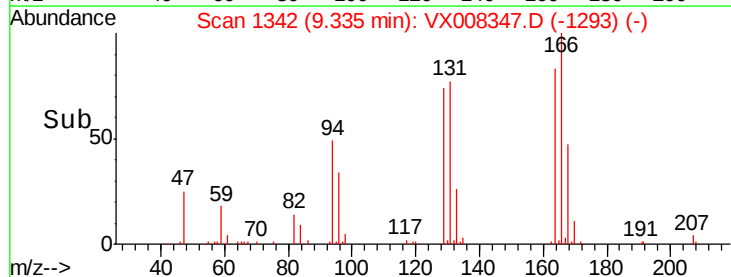
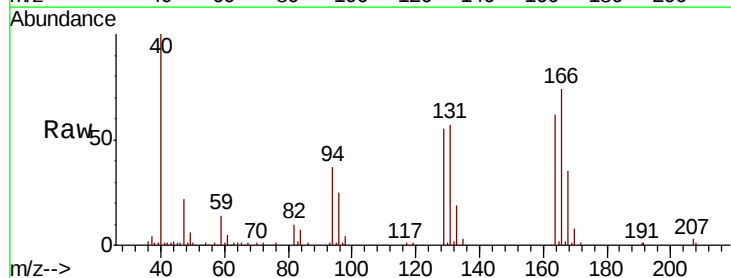
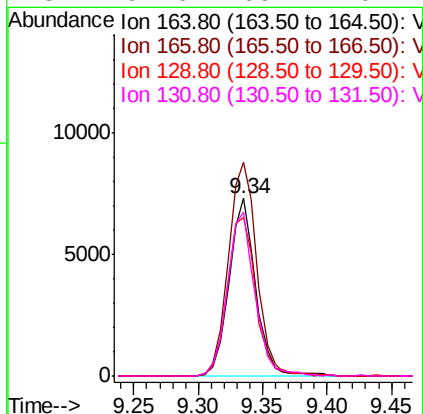
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

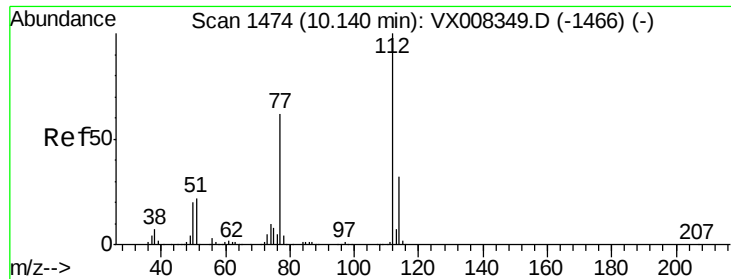
Tgt Ion:117 Resp: 303603
Ion Ratio Lower Upper
117 100
82 62.6 44.3 66.5
119 32.2 25.3 37.9



#64
Tetrachloroethene
Concen: 3.840 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

Tgt Ion:164 Resp: 10517
Ion Ratio Lower Upper
164 100
166 120.2 103.4 155.0
129 89.0 72.2 108.4
131 92.6 69.4 104.2

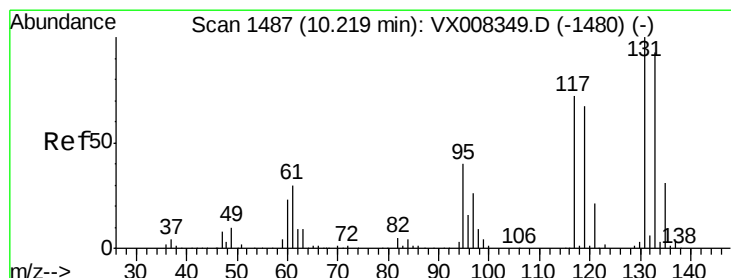
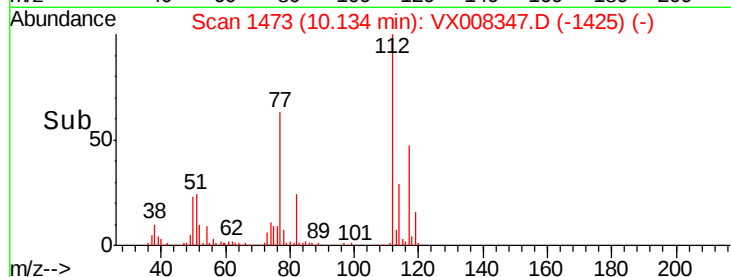
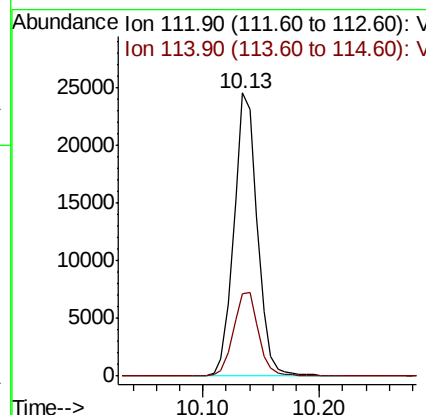
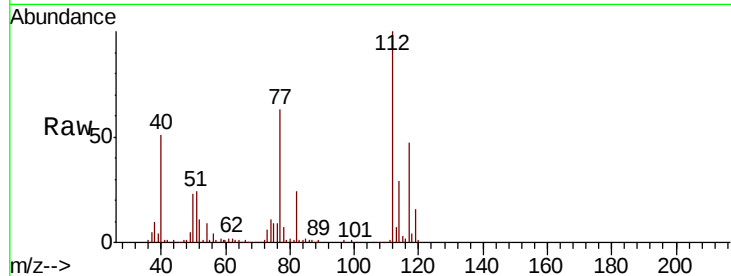




#65
Chlorobenzene
Concen: 4.608 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

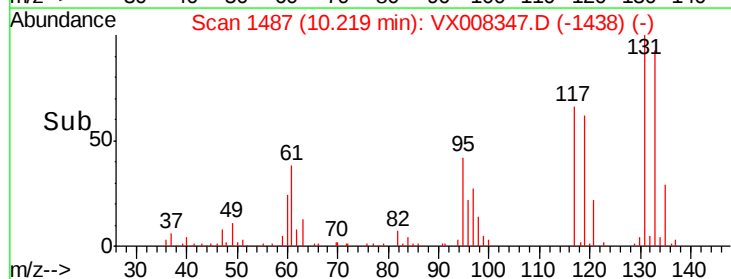
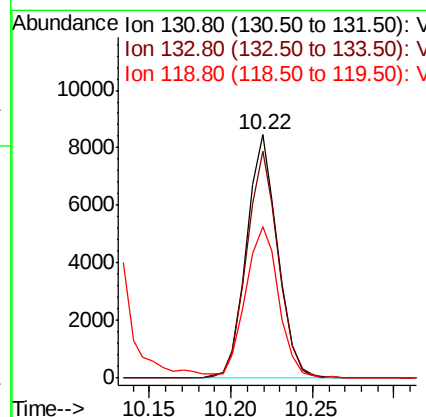
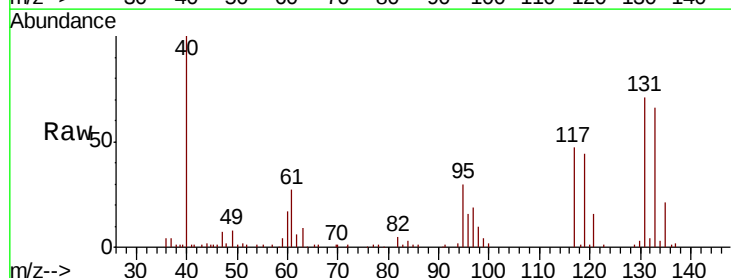
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

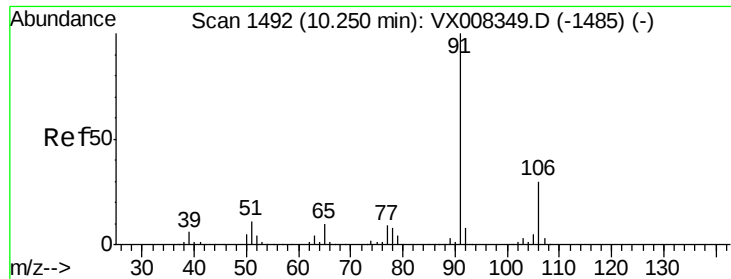
Tgt Ion:112 Resp: 34427
Ion Ratio Lower Upper
112 100
114 29.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 4.318 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

Tgt Ion:131 Resp: 11247
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.3
119 66.9 32.5 97.5

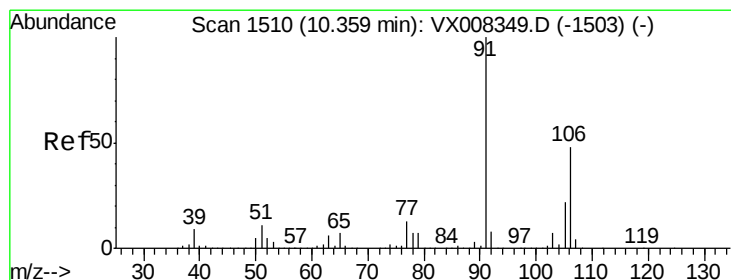
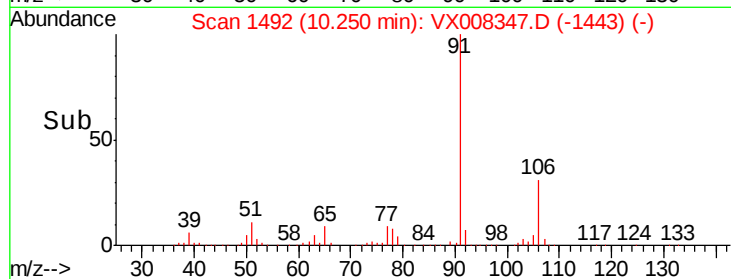
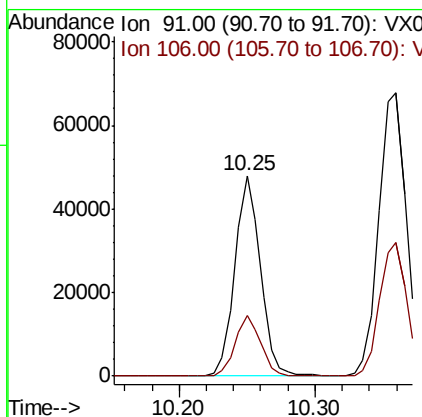
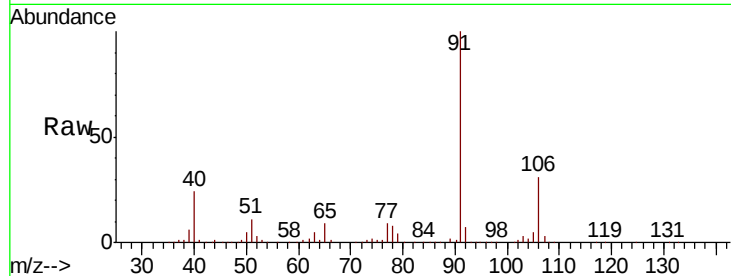




#67
Ethyl Benzene
Concen: 4.782 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

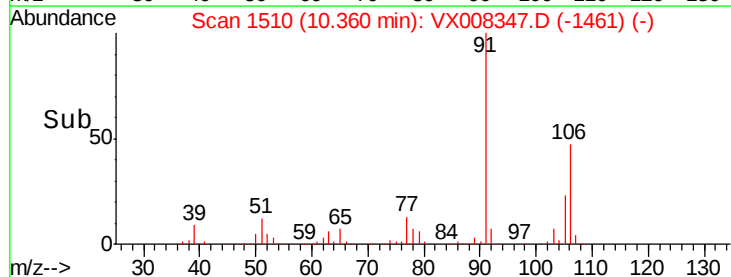
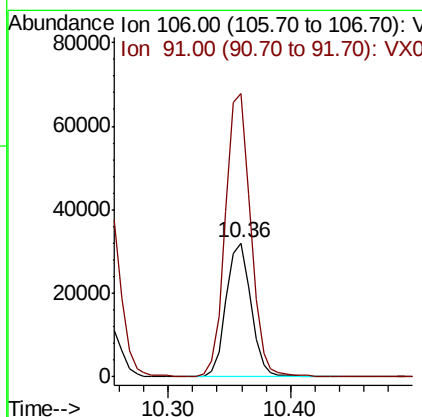
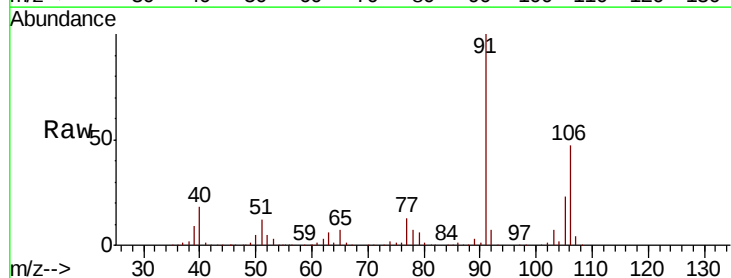
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

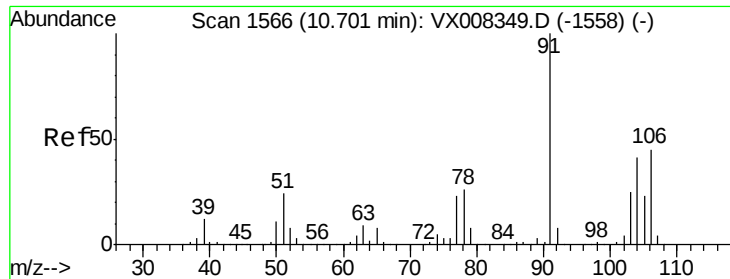
Tgt Ion: 91 Resp: 62954
Ion Ratio Lower Upper
91 100
106 30.5 25.2 37.8



#68
m/p-Xylenes
Concen: 9.342 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

Tgt Ion: 106 Resp: 45175
Ion Ratio Lower Upper
106 100
91 214.2 159.8 239.6

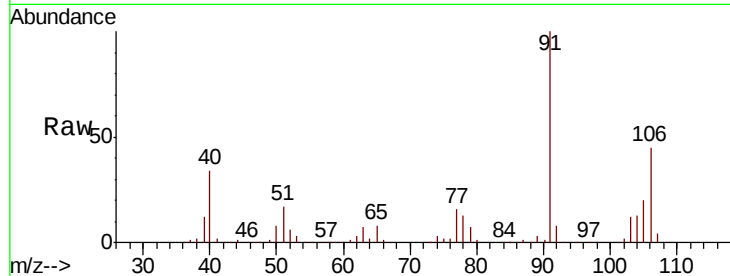




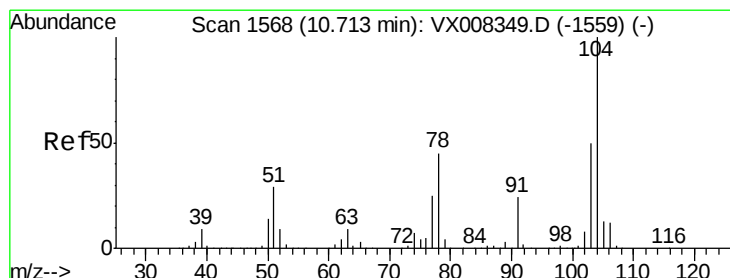
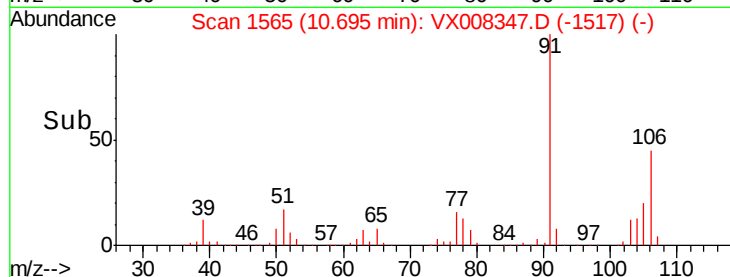
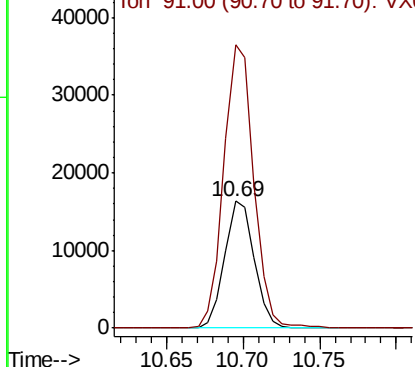
#69
o-Xylene
Concen: 4.718 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 22169
Ion Ratio Lower Upper
106 100
91 224.7 106.3 318.9

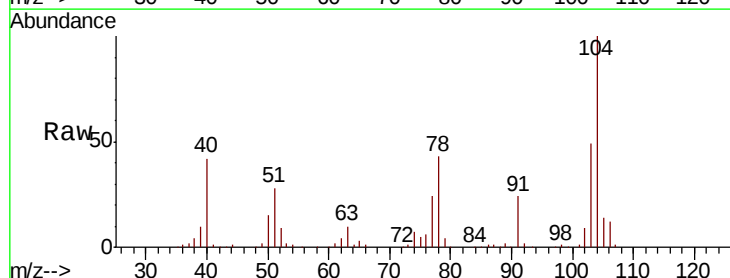


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

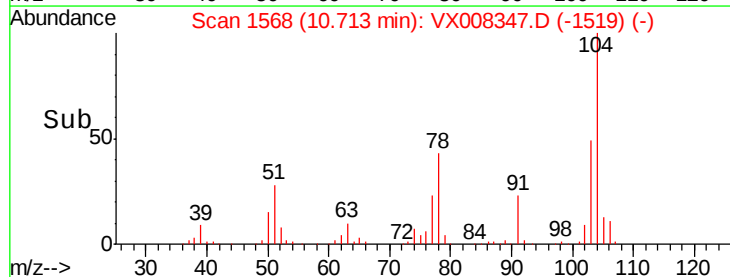
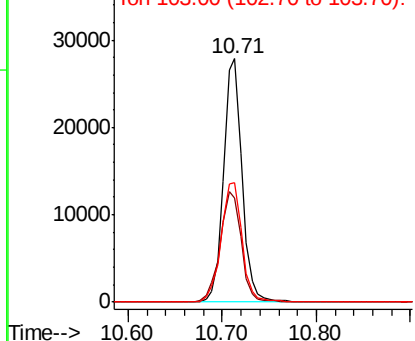


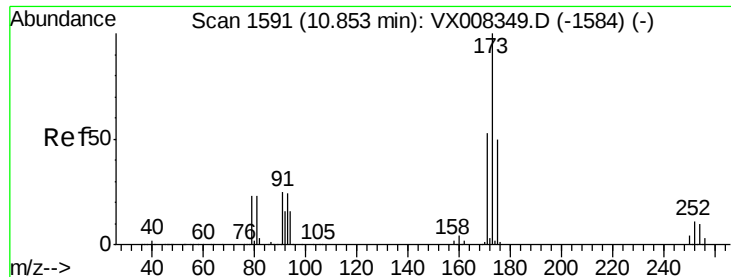
#70
Styrene
Concen: 4.951 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

Tgt Ion:104 Resp: 37812
Ion Ratio Lower Upper
104 100
78 52.2 38.5 57.7
103 55.6 44.1 66.1



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





#71

Bromoform

Concen: 3.924 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

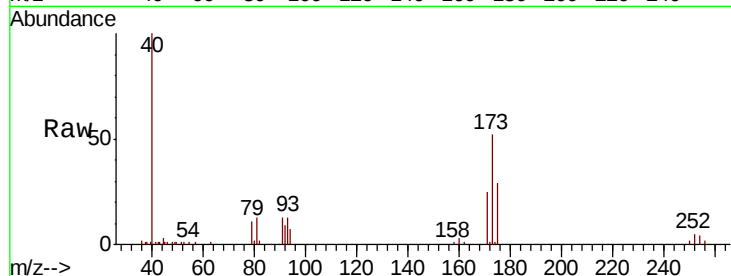
Tgt Ion:173 Resp: 7775

Ion Ratio Lower Upper

173 100

175 50.9 24.3 72.9

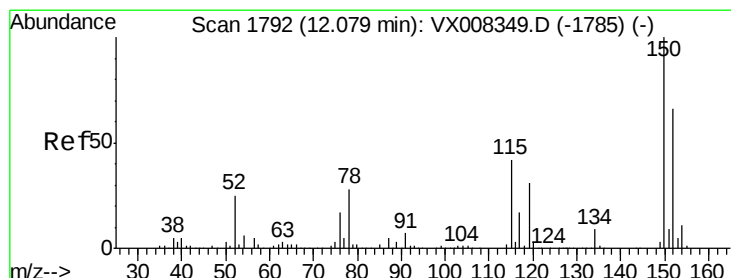
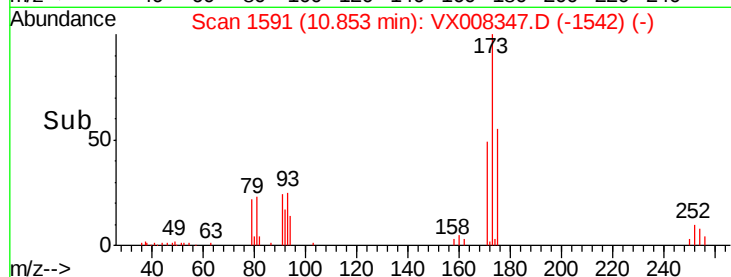
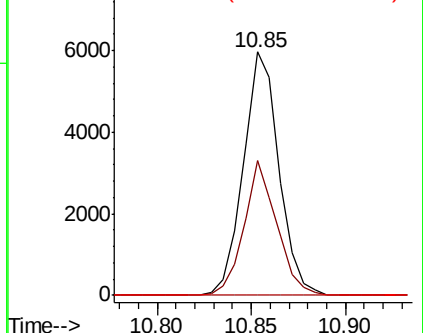
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

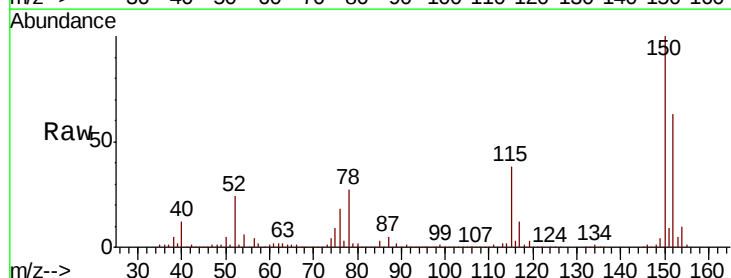
Tgt Ion:152 Resp: 137837

Ion Ratio Lower Upper

152 100

115 65.8 38.6 115.7

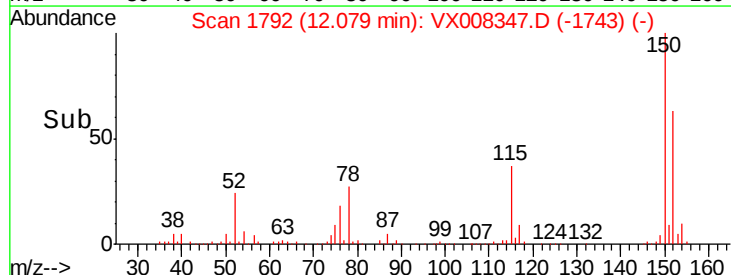
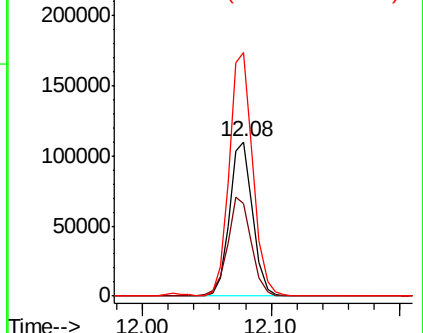
150 161.4 0.0 348.4

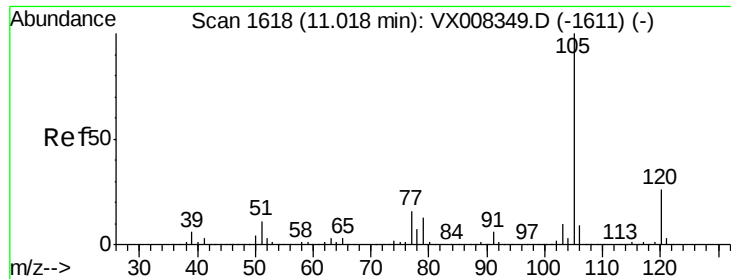


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.803 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

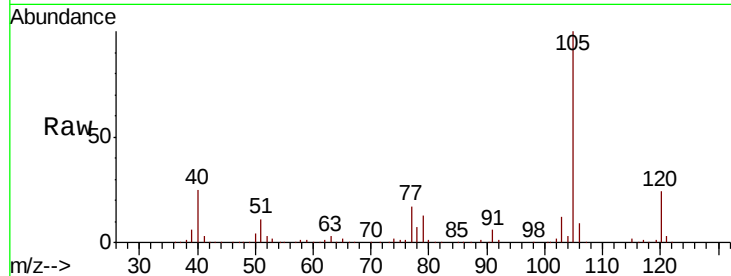
VSTDIC005

Tgt Ion: 105 Resp: 59013

Ion Ratio Lower Upper

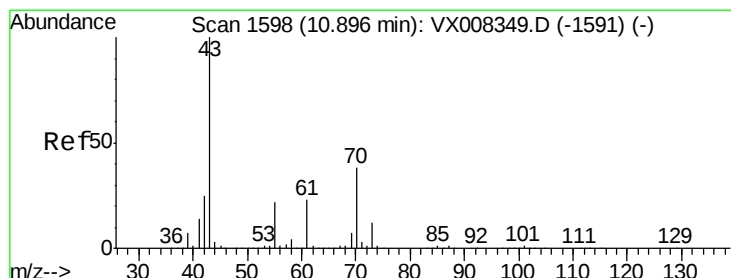
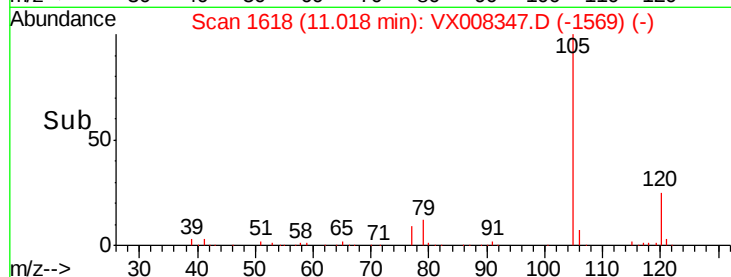
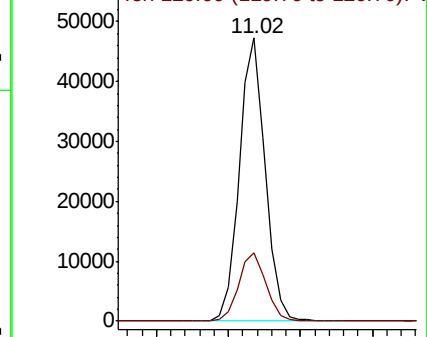
105 100

120 25.5 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.034 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Tgt Ion: 43 Resp: 32405

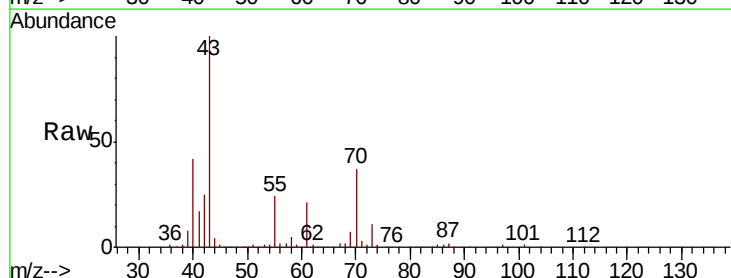
Ion Ratio Lower Upper

43 100

70 39.0 33.5 50.3

55 25.1 19.2 28.8

61 23.5 19.0 28.6

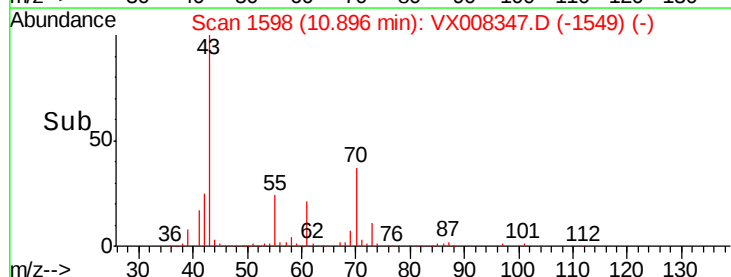
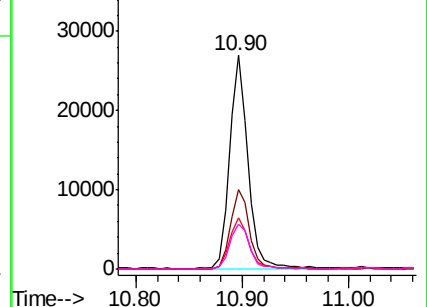


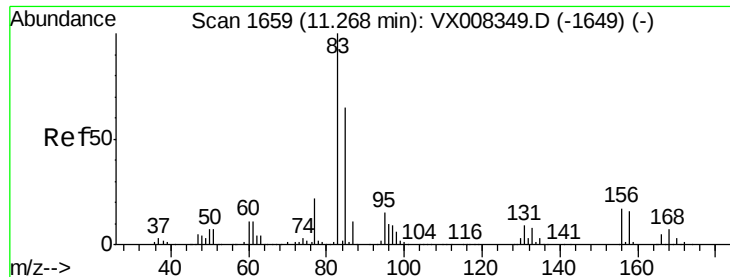
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.160 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

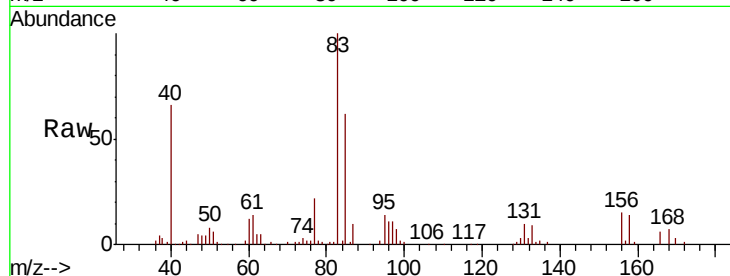
Tgt Ion: 83 Resp: 22733

Ion Ratio Lower Upper

83 100

131 9.3 5.4 16.2

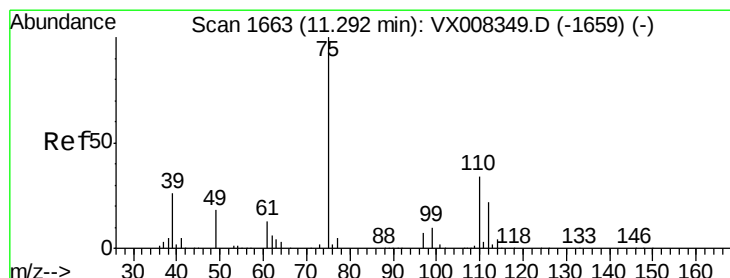
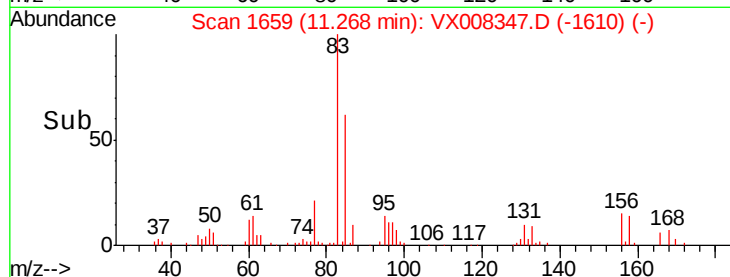
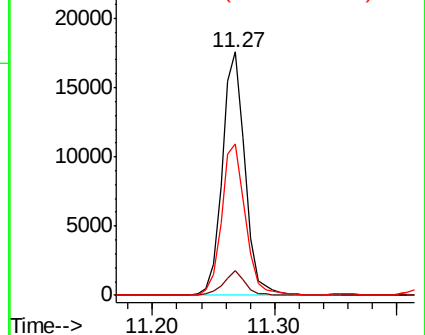
85 64.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 6.057 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008347.D

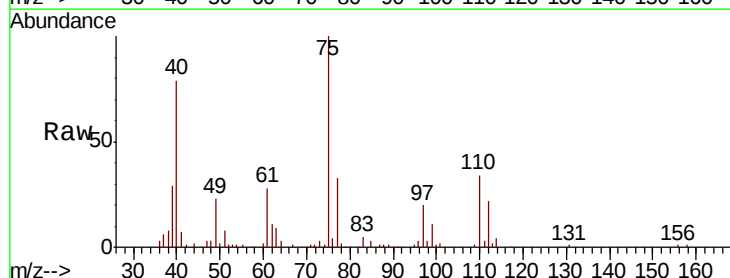
Acq: 23 Mar 2019 13:32

Tgt Ion: 75 Resp: 23482

Ion Ratio Lower Upper

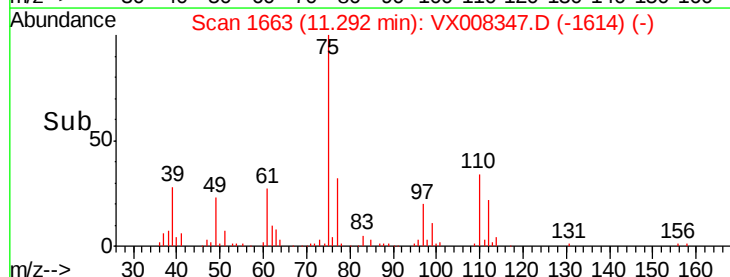
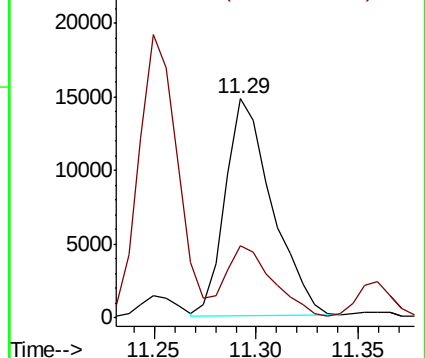
75 100

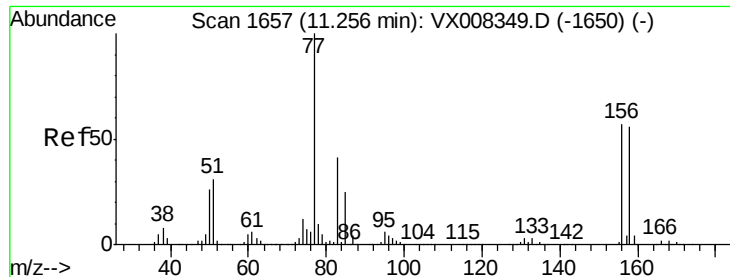
77 33.7 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

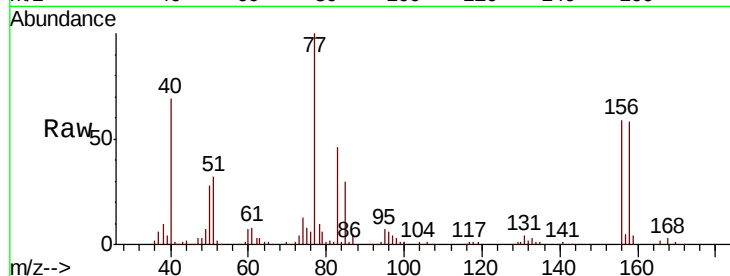




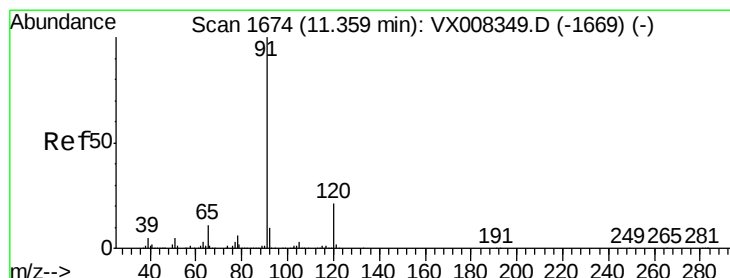
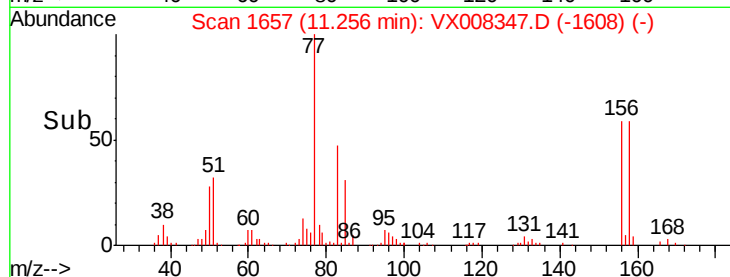
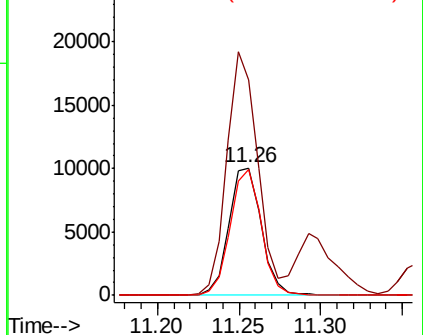
#77
Bromobenzene
Concen: 4.682 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion:156 Resp: 13909
Ion Ratio Lower Upper
156 100
77 181.2 72.0 215.9
158 94.7 48.6 145.9

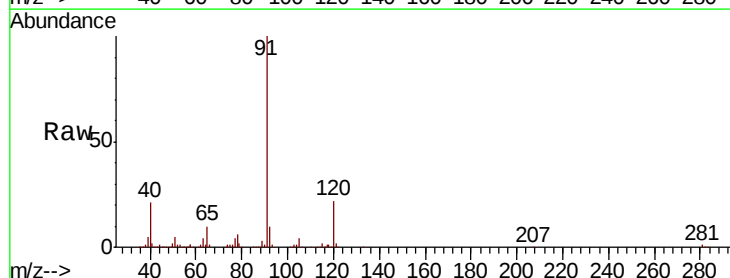


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

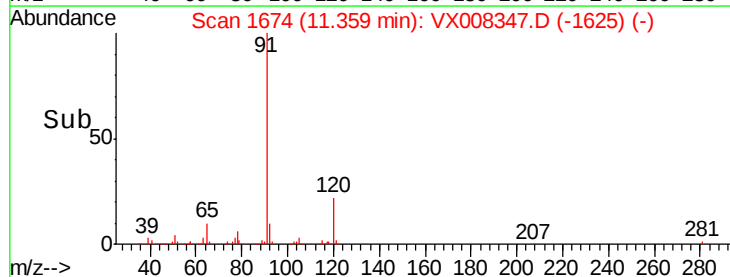
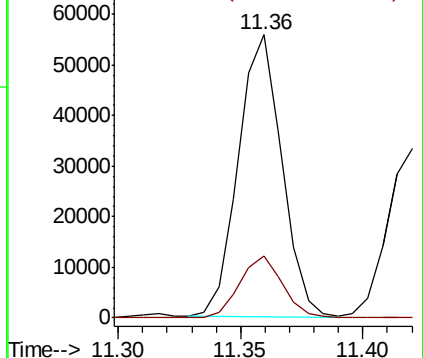


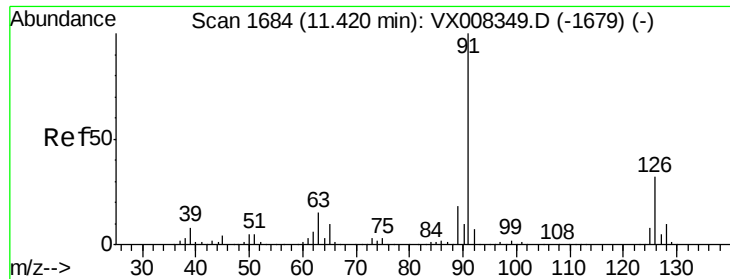
#78
n-propylbenzene
Concen: 4.820 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

Tgt Ion: 91 Resp: 68777
Ion Ratio Lower Upper
91 100
120 21.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V

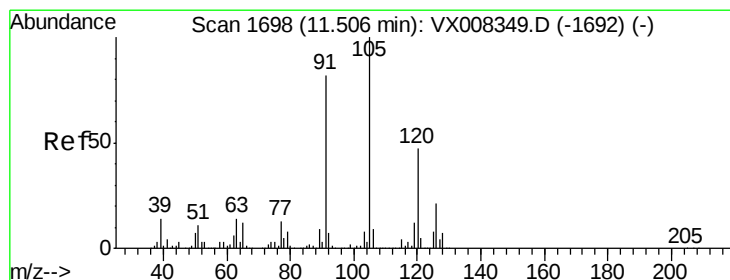
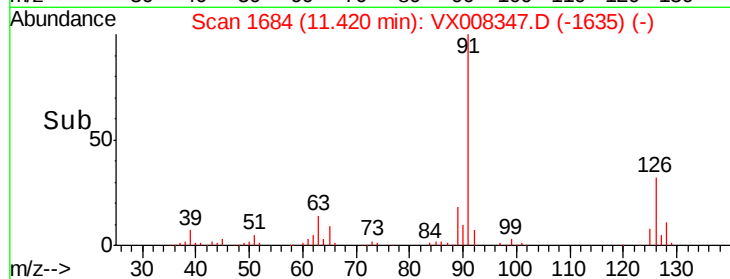
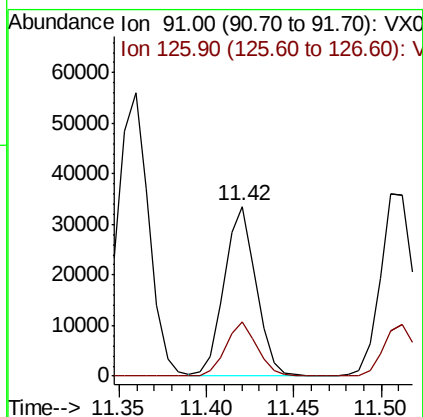
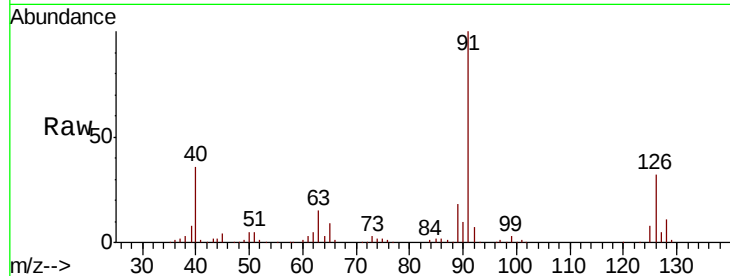




#79
 2-Chlorotoluene
 Concen: 4.917 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008347.D
 Acq: 23 Mar 2019 13:32

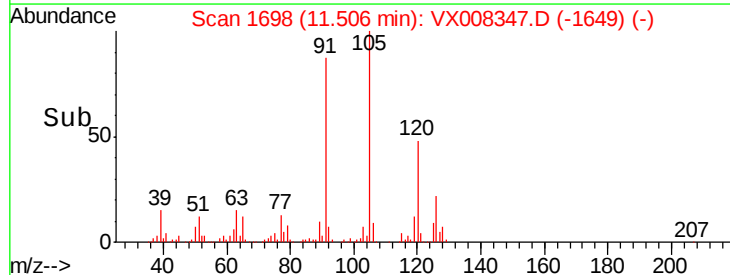
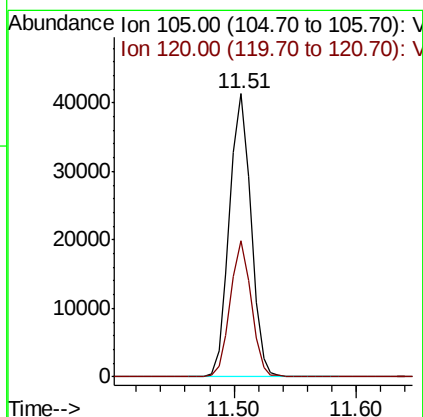
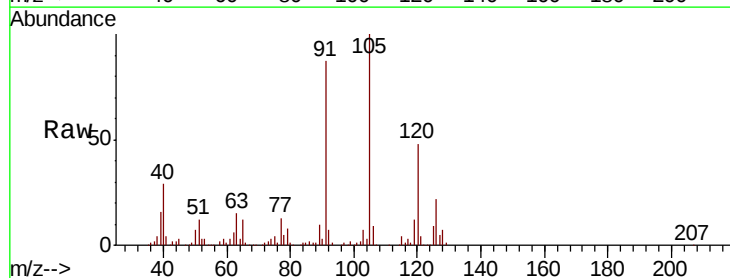
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

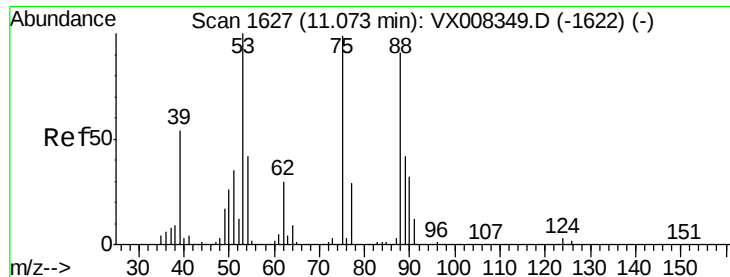
Tgt Ion: 91 Resp: 42113
 Ion Ratio Lower Upper
 91 100
 126 31.9 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 4.970 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008347.D
 Acq: 23 Mar 2019 13:32

Tgt Ion: 105 Resp: 50447
 Ion Ratio Lower Upper
 105 100
 120 46.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 4.000 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

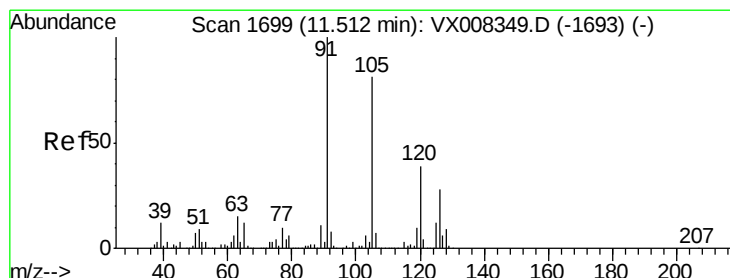
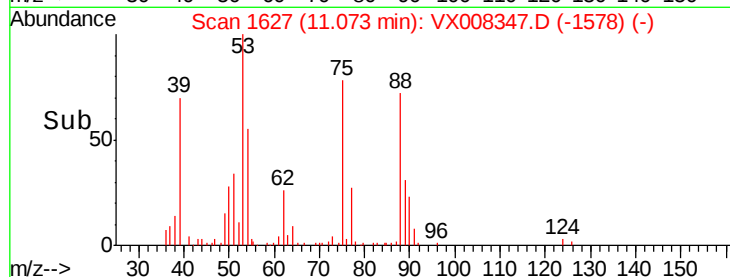
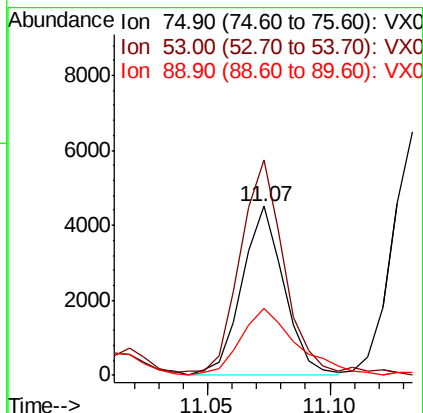
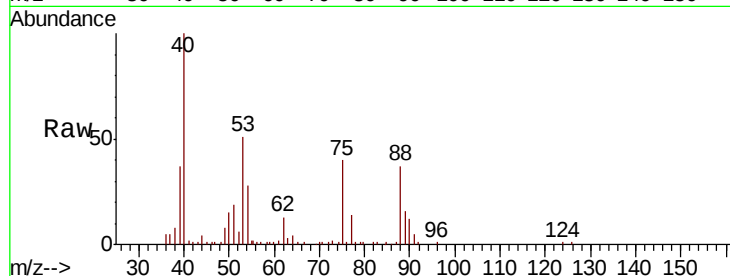
Tgt Ion: 75 Resp: 5422

Ion Ratio Lower Upper

75 100

53 136.4 76.1 114.1#

89 52.9 36.3 54.5



#82

4-Chlorotoluene

Concen: 4.860 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008347.D

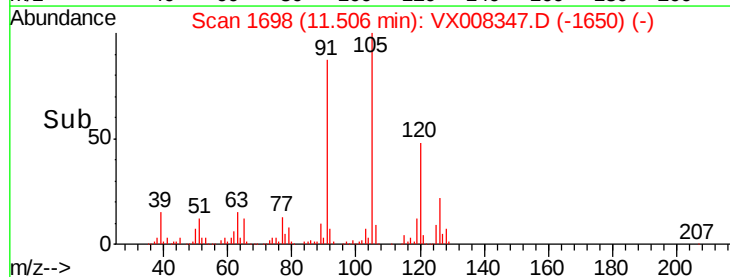
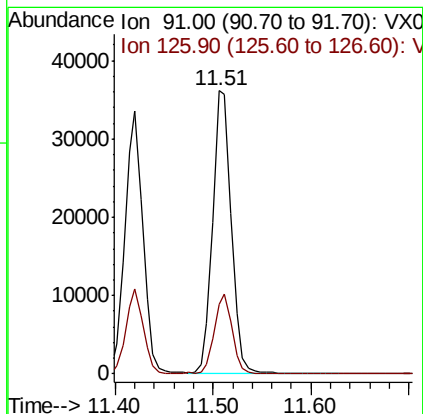
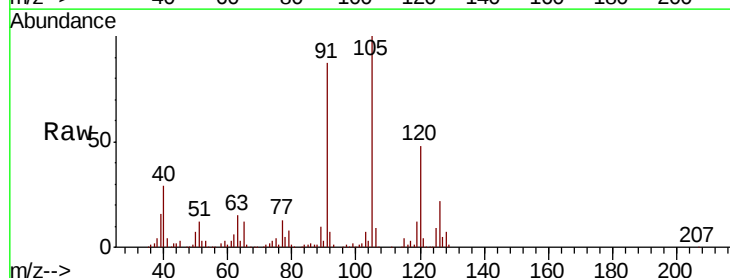
Acq: 23 Mar 2019 13:32

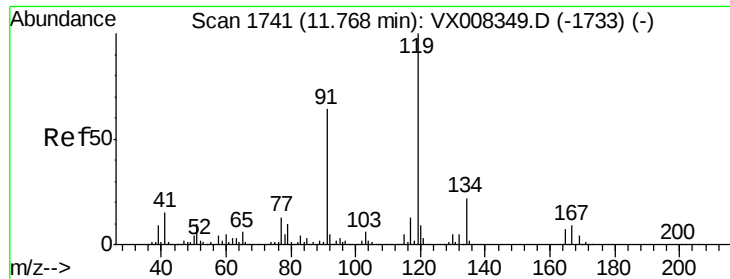
Tgt Ion: 91 Resp: 48440

Ion Ratio Lower Upper

91 100

126 27.0 15.6 46.8

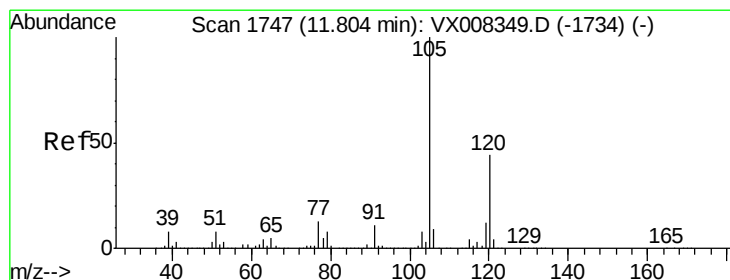
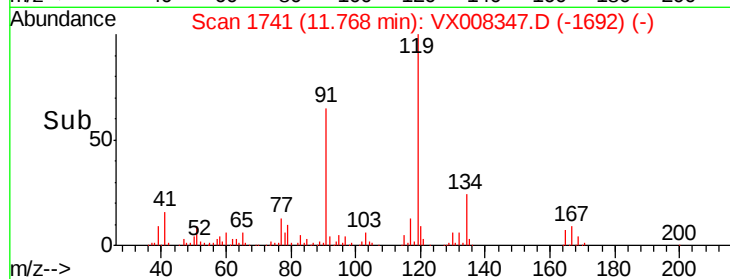
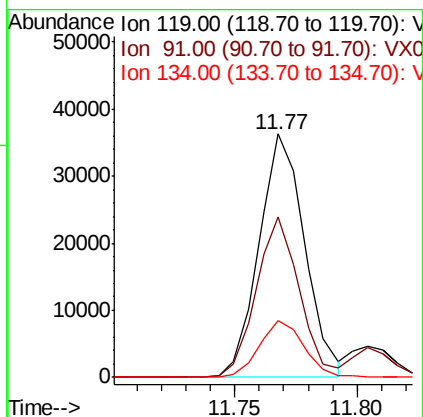
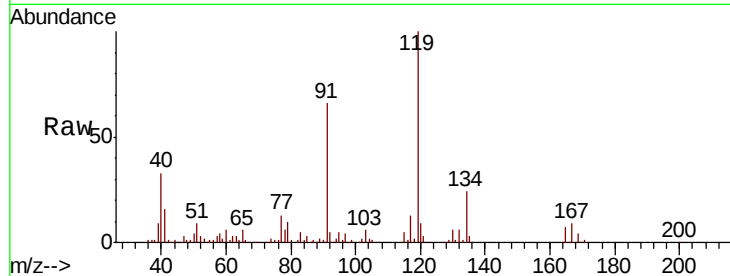




#83
 tert-Butylbenzene
 Concen: 4.857 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008347.D
 Acq: 23 Mar 2019 13:32

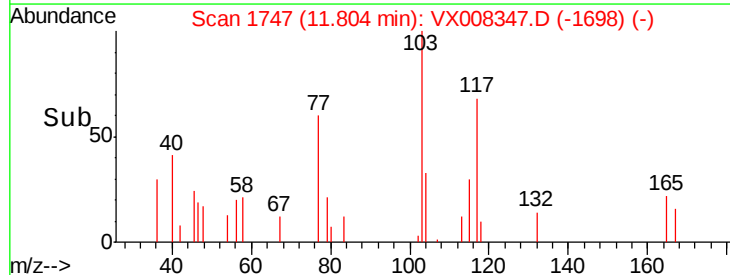
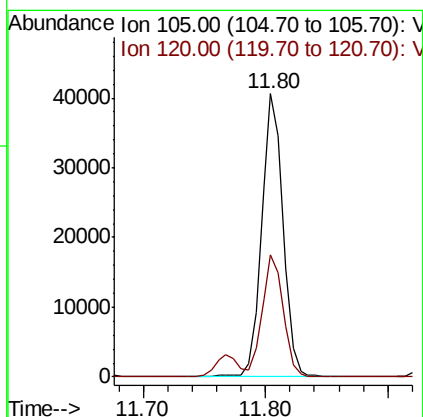
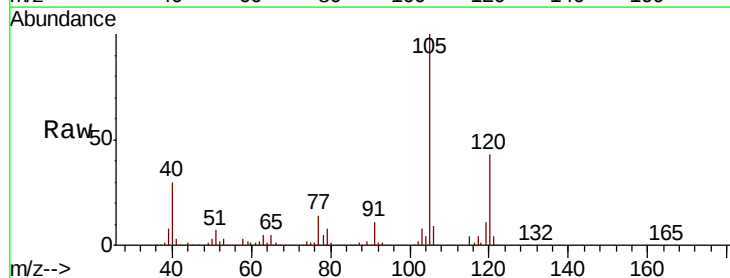
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

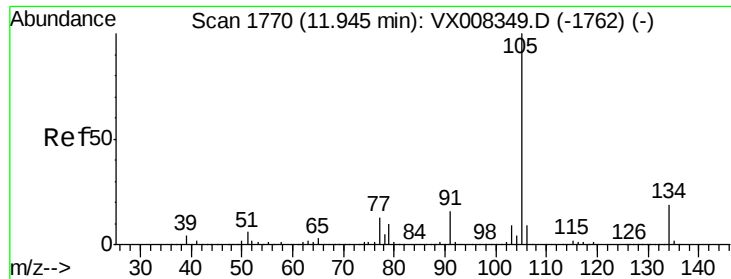
Tgt Ion:119 Resp: 47069
 Ion Ratio Lower Upper
 119 100
 91 62.4 27.1 81.3
 134 23.0 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 4.838 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008347.D
 Acq: 23 Mar 2019 13:32

Tgt Ion:105 Resp: 49784
 Ion Ratio Lower Upper
 105 100
 120 42.4 22.6 67.7

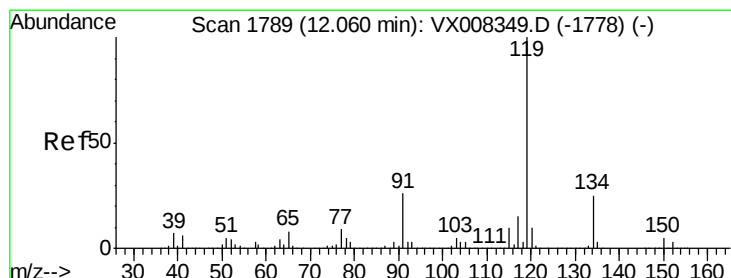
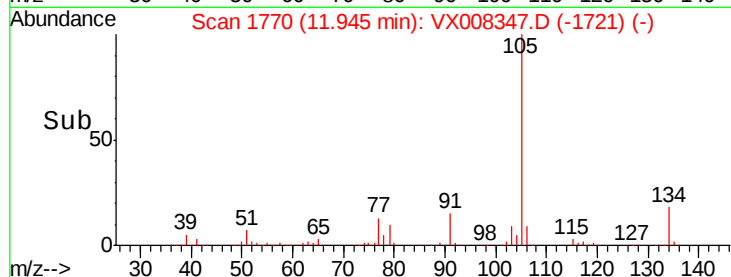
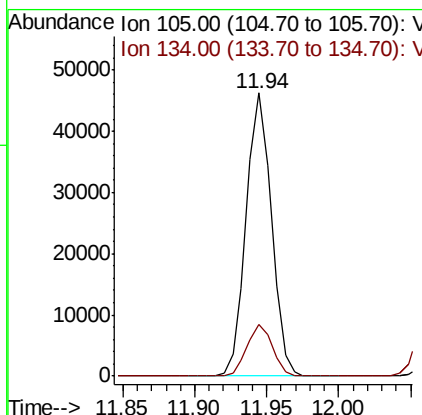
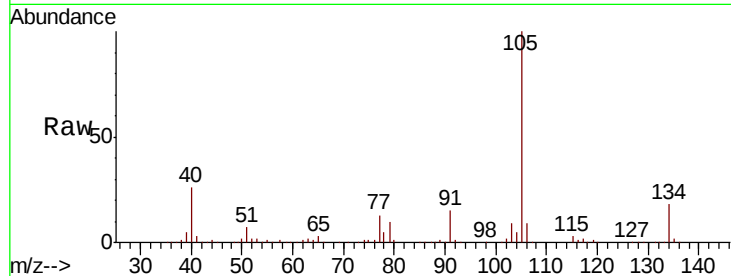




#85
 sec-Butylbenzene
 Concen: 4.696 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008347.D
 Acq: 23 Mar 2019 13:32

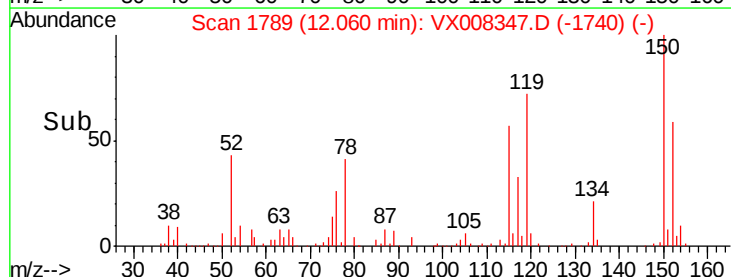
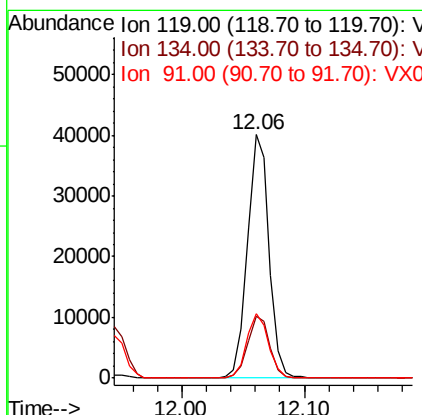
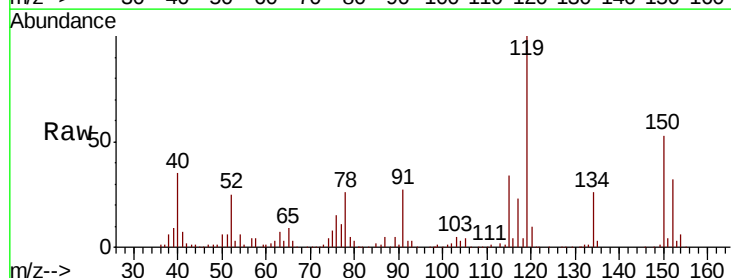
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

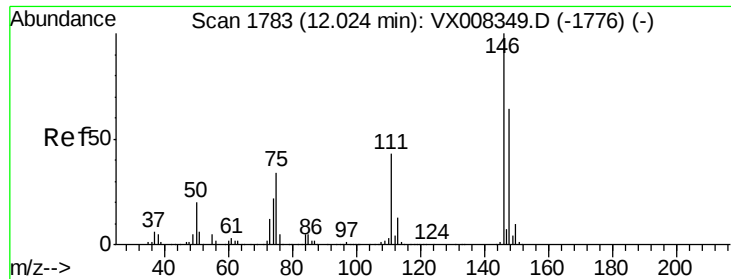
Tgt Ion:105 Resp: 56351
 Ion Ratio Lower Upper
 105 100
 134 18.3 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 4.722 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX008347.D
 Acq: 23 Mar 2019 13:32

Tgt Ion:119 Resp: 49054
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.9
 91 27.3 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 4.635 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

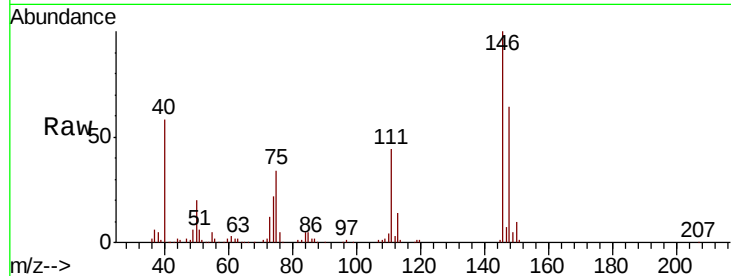
Tgt Ion:146 Resp: 24609

Ion Ratio Lower Upper

146 100

111 43.1 18.9 56.7

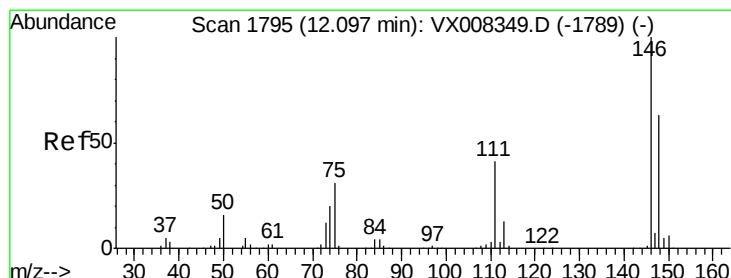
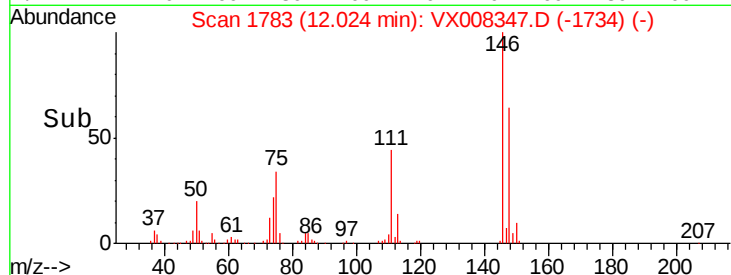
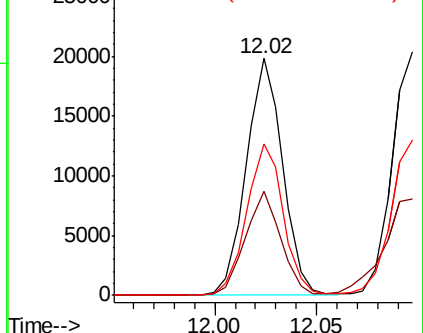
148 64.4 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 4.515 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

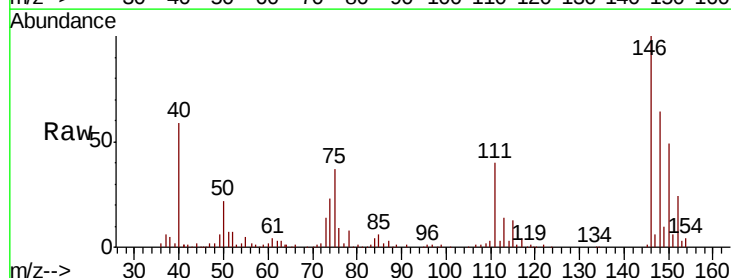
Tgt Ion:146 Resp: 24791

Ion Ratio Lower Upper

146 100

111 48.5 18.4 55.0

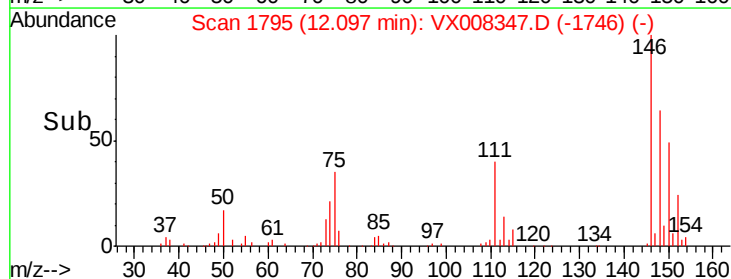
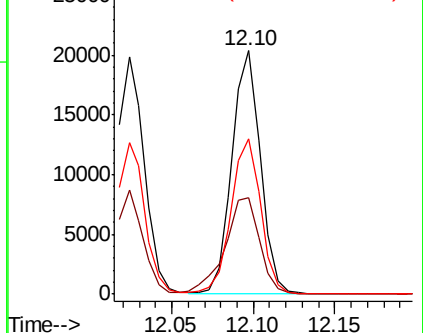
148 66.5 32.2 96.6

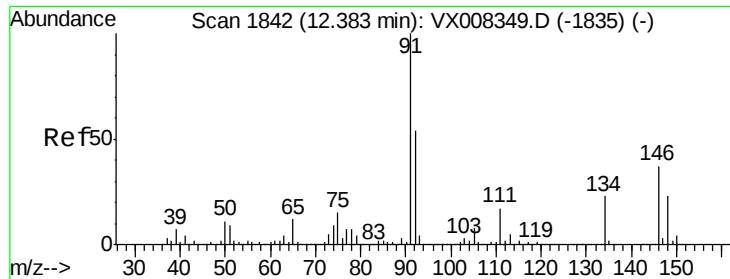


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

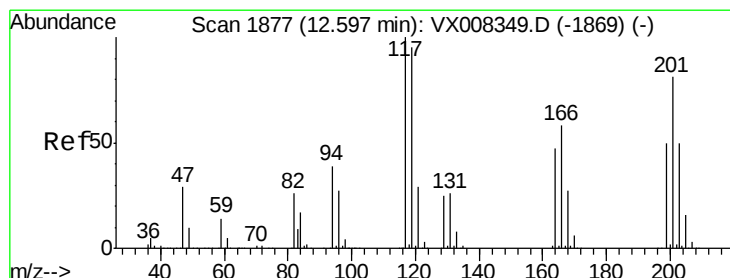
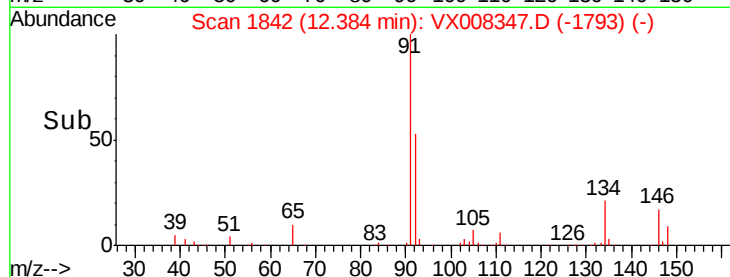
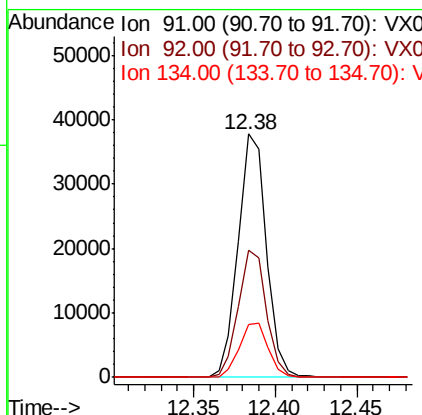
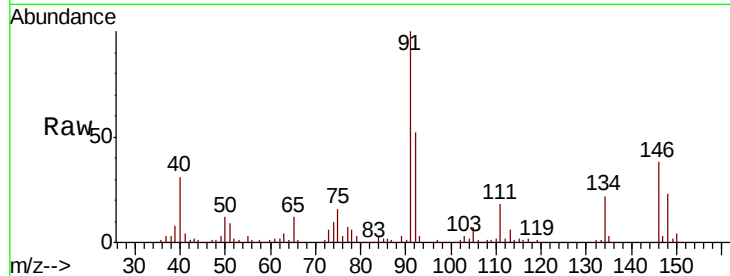




#89
n-Butylbenzene
Concen: 4.701 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

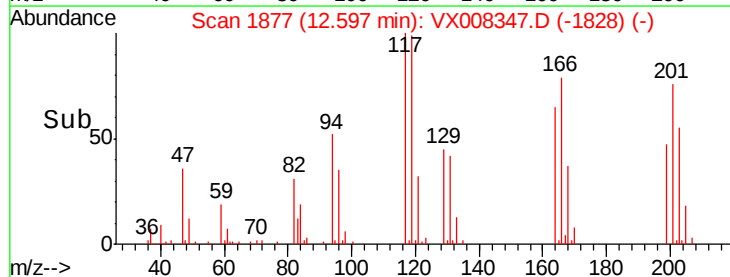
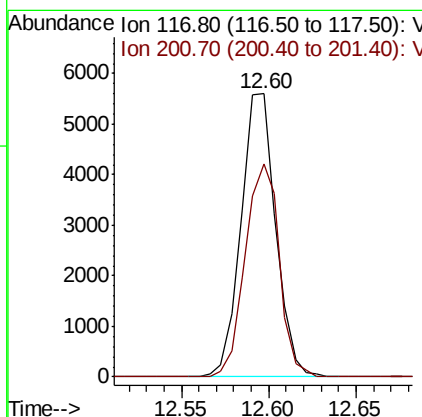
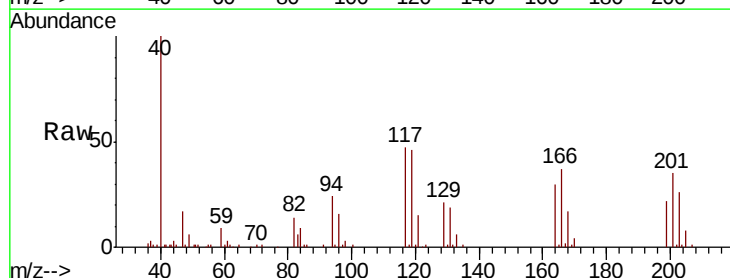
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

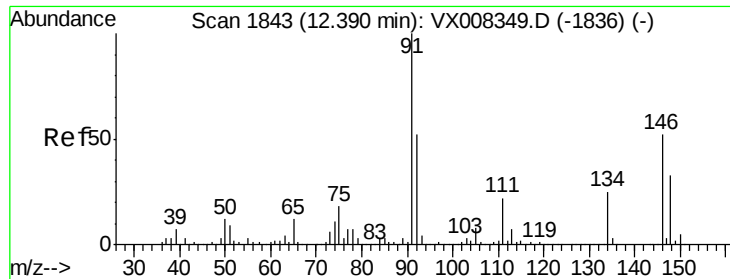
Tgt Ion: 91 Resp: 45830
Ion Ratio Lower Upper
91 100
92 52.0 27.0 80.8
134 22.6 13.7 41.0



#90
Hexachloroethane
Concen: 4.366 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

Tgt Ion: 117 Resp: 7724
Ion Ratio Lower Upper
117 100
201 73.8 48.9 146.7

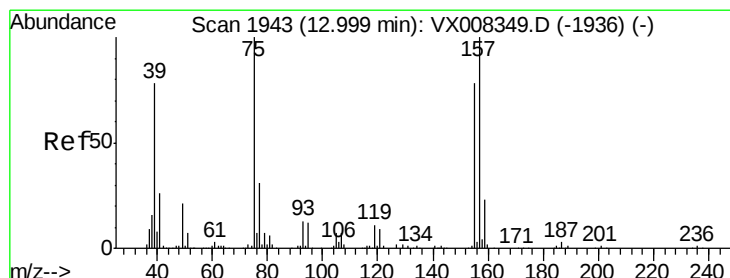
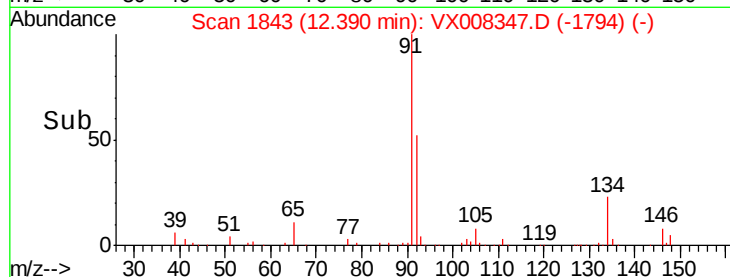
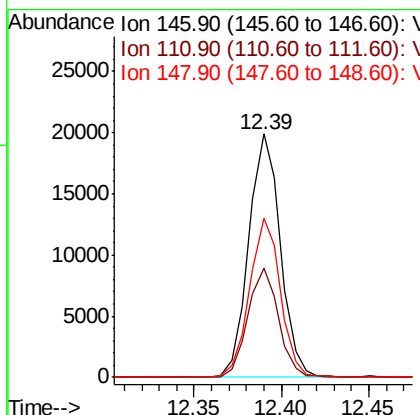
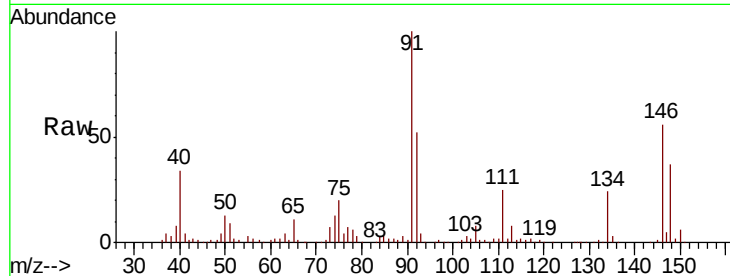




#91
1,2-Dichlorobenzene
Concen: 4.677 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

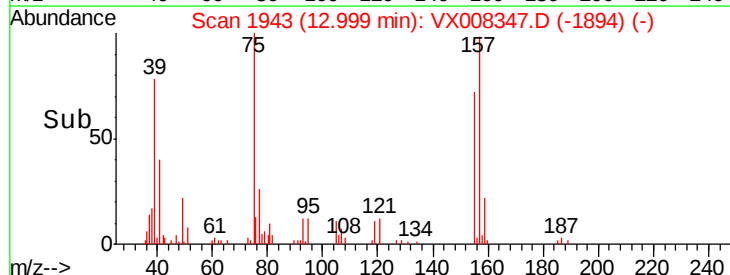
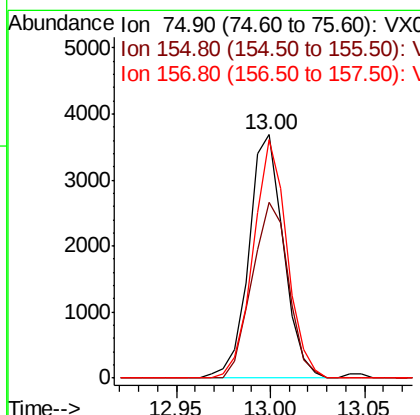
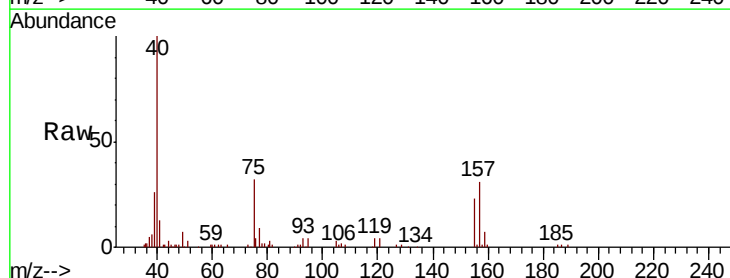
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

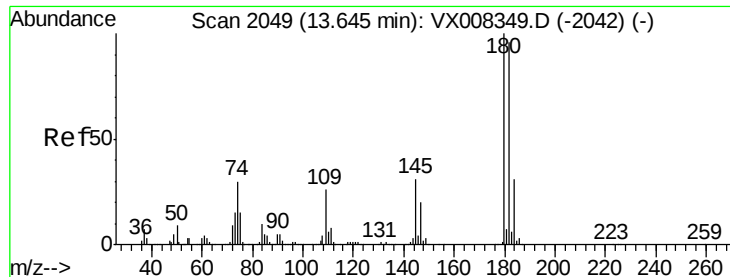
Tgt Ion: 146 Resp: 25035
Ion Ratio Lower Upper
146 100
111 43.7 19.6 58.8
148 63.9 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.796 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX008347.D
Acq: 23 Mar 2019 13:32

Tgt Ion: 75 Resp: 4693
Ion Ratio Lower Upper
75 100
155 75.9 49.7 149.1
157 95.5 63.8 191.4

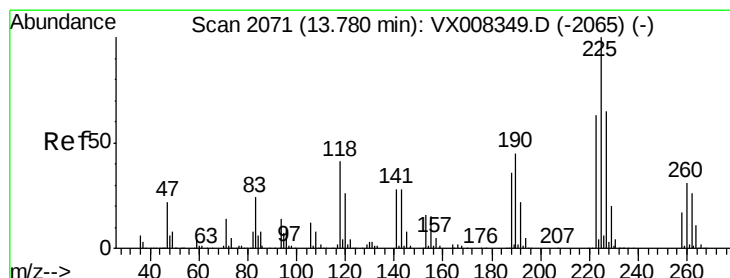
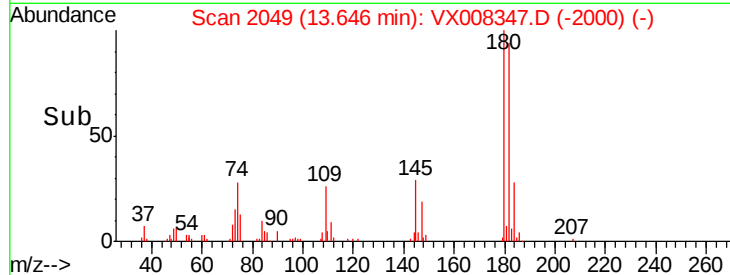
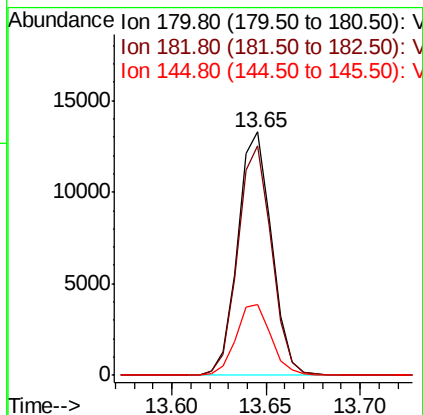
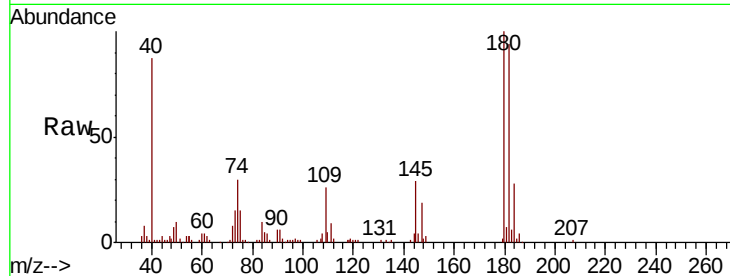




#93
 1,2,4-Trichlorobenzene
 Concen: 4.691 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008347.D
 Acq: 23 Mar 2019 13:32

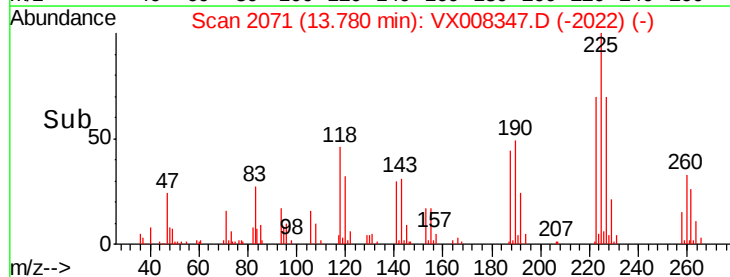
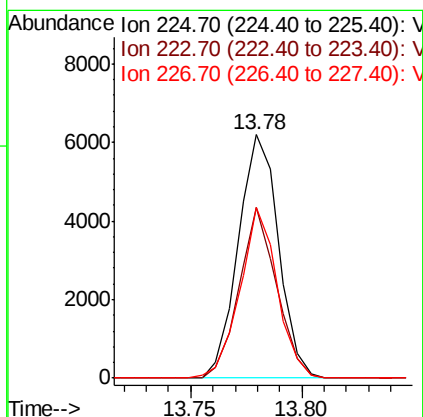
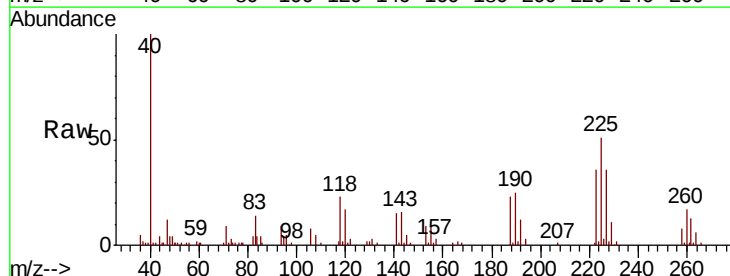
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

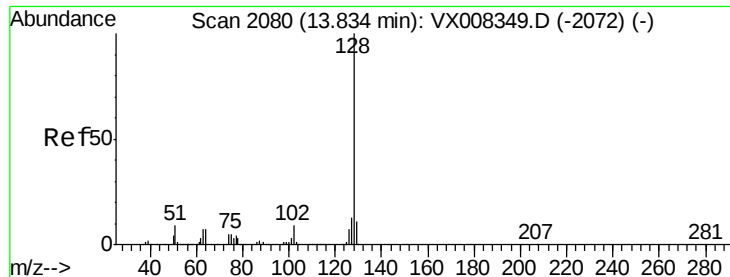
Tgt Ion:180 Resp: 16539
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.9 143.7
 145 30.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 4.543 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008347.D
 Acq: 23 Mar 2019 13:32

Tgt Ion:225 Resp: 7812
 Ion Ratio Lower Upper
 225 100
 223 65.0 31.1 93.2
 227 65.0 32.0 96.0





#95

Naphthalene

Concen: 5.101 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

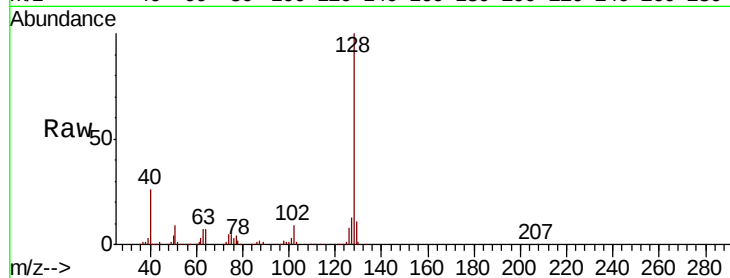
Tgt Ion:128 Resp: 56764

Ion Ratio Lower Upper

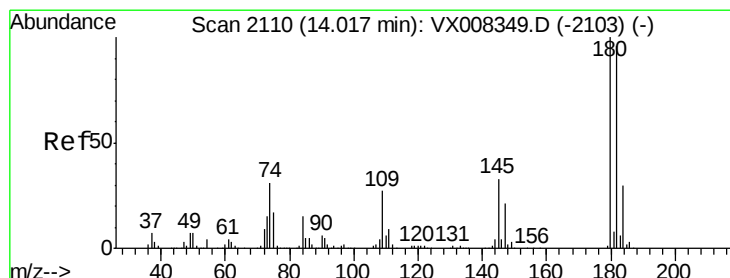
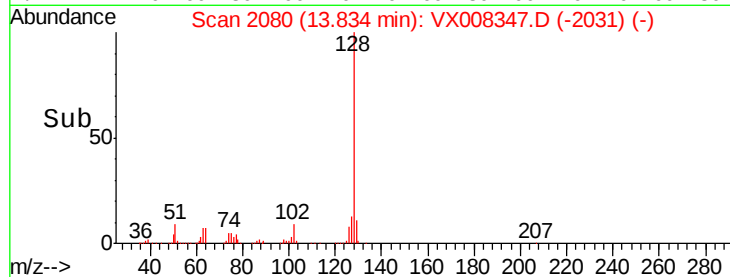
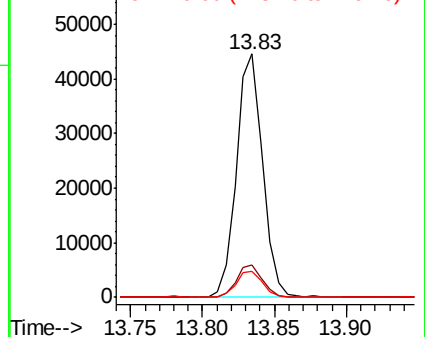
128 100

127 13.0 10.3 15.5

129 10.9 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 4.799 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008347.D

Acq: 23 Mar 2019 13:32

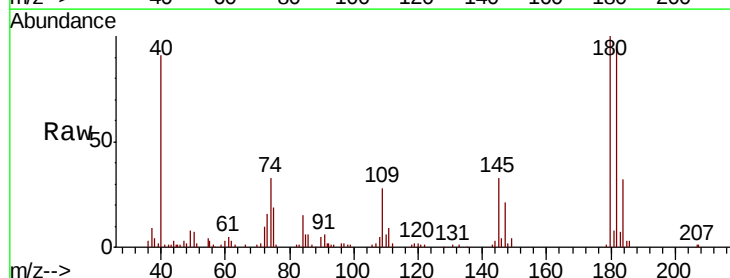
Tgt Ion:180 Resp: 16650

Ion Ratio Lower Upper

180 100

182 95.9 47.5 142.5

145 32.7 14.8 44.3



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

