

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010523.D
 Acq On : 28 Jun 2019 06:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 28 06:59:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	237712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361768	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	331207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171411	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	111103	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
35) Dibromofluoromethane	5.50	113	110668	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
50) Toluene-d8	8.71	98	411292	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	11.13	95	150123	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	73952	44.748	ug/l	99
3) Chloromethane	1.32	50	87261	45.344	ug/l	99
4) Vinyl Chloride	1.41	62	94295	44.736	ug/l	100
5) Bromomethane	1.64	94	48432	47.164	ug/l	98
6) Chloroethane	1.71	64	60879	48.955	ug/l	100
7) Trichlorofluoromethane	1.92	101	166354	49.786	ug/l	98
8) Diethyl Ether	2.19	74	61288	51.147	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	95111	46.971	ug/l	99
10) Methyl Iodide	2.51	142	143355	49.607	ug/l	98
11) Tert butyl alcohol	3.06	59	141715	242.995	ug/l	99
12) 1,1-Dichloroethene	2.37	96	96982	47.069	ug/l	99
13) Acrolein	2.29	56	64866	167.664	ug/l	100
14) Allyl chloride	2.73	41	134845	46.097	ug/l	98
15) Acrylonitrile	3.14	53	300320	260.091	ug/l	100
16) Acetone	2.45	43	241038	215.791	ug/l	99
17) Carbon Disulfide	2.57	76	221122	40.001	ug/l	99
18) Methyl Acetate	2.78	43	119456	53.658	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	326136	50.315	ug/l	99
20) Methylene Chloride	2.85	84	112785	49.064	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	105148	47.449	ug/l	97
22) Diisopropyl ether	3.85	45	306772	50.159	ug/l	97
23) Vinyl Acetate	3.82	43	1302844	246.585	ug/l	100
24) 1,1-Dichloroethane	3.70	63	173717	49.138	ug/l	99
25) 2-Butanone	4.67	43	404427	246.828	ug/l	99
26) 2,2-Dichloropropane	4.58	77	85105	27.712	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	125976	49.194	ug/l	96
28) Bromochloromethane	5.02	49	79857	47.245	ug/l	99
29) Tetrahydrofuran	5.13	42	261107	257.274	ug/l	99
30) Chloroform	5.21	83	190043	49.962	ug/l	100
31) Cyclohexane	5.58	56	148854	46.237	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	165239	49.198	ug/l	100
36) 1,1-Dichloropropene	5.80	75	131581	45.770	ug/l	99
37) Ethyl Acetate	4.84	43	151753	51.312	ug/l	99
38) Carbon Tetrachloride	5.78	117	147198	47.284	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	166790	44.138	ug/l	98
40) Benzene	6.14	78	431603	48.189	ug/l	100
41) Methacrylonitrile	5.04	41	82614	50.911	ug/l	99
42) 1,2-Dichloroethane	6.19	62	139542	51.183	ug/l	99
43) Isopropyl Acetate	6.45	43	249395	50.969	ug/l	98
44) Trichloroethene	7.21	130	129626	48.368	ug/l	96
45) 1,2-Dichloropropane	7.51	63	107788	47.657	ug/l	100
46) Dibromomethane	7.66	93	78799	48.559	ug/l	99
47) Bromodichloromethane	7.90	83	146015	49.099	ug/l	100
48) Methyl methacrylate	7.77	41	116807	51.357	ug/l	99
49) 1,4-Dioxane	7.74	88	66753	1018.831	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	814538	260.282	ug/l	99
52) Toluene	8.79	92	282871	47.960	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	147795	44.328	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	164779	45.478	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	122527	50.371	ug/l	97
56) Ethyl methacrylate	9.18	69	185603	50.368	ug/l	99
57) 1,3-Dichloropropane	9.37	76	189455	50.174	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	456764	260.998	ug/l	100
59) 2-Hexanone	9.49	43	622909	252.908	ug/l	99
60) Dibromochloromethane	9.58	129	133092	48.866	ug/l	100
61) 1,2-Dibromoethane	9.67	107	132114	50.318	ug/l	100
64) Tetrachloroethene	9.34	164	140074	52.288	ug/l	97
65) Chlorobenzene	10.13	112	326496	48.556	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	121744	49.706	ug/l	99
67) Ethyl Benzene	10.25	91	547190	48.203	ug/l	99
68) m/p-Xylenes	10.36	106	428677	97.459	ug/l	99
69) o-Xylene	10.69	106	211275	48.843	ug/l	100
70) Styrene	10.71	104	360280	49.665	ug/l	100
71) Bromoform	10.85	173	104971	49.283	ug/l #	100
73) Isopropylbenzene	11.02	105	557129	47.948	ug/l	99
74) N-amyl acetate	10.90	43	224458	51.114	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	187894	48.828	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	198726	63.622	ug/l	81
77) Bromobenzene	11.26	156	157500	48.544	ug/l	98
78) n-propylbenzene	11.36	91	615458	48.194	ug/l	99
79) 2-Chlorotoluene	11.42	91	364090	47.879	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	460855	48.111	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	50149	37.455	ug/l	93
82) 4-Chlorotoluene	11.51	91	415307	47.995	ug/l	99
83) tert-Butylbenzene	11.77	119	452819	47.099	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	466998	48.525	ug/l	100
85) sec-Butylbenzene	11.94	105	542552	48.063	ug/l	100
86) p-Isopropyltoluene	12.06	119	499093	47.799	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	270607	47.781	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	270358	46.890	ug/l	100
89) n-Butylbenzene	12.38	91	410727	46.292	ug/l	99
90) Hexachloroethane	12.59	117	84493	46.799	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	269038	47.797	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39140	47.176	ug/l	99

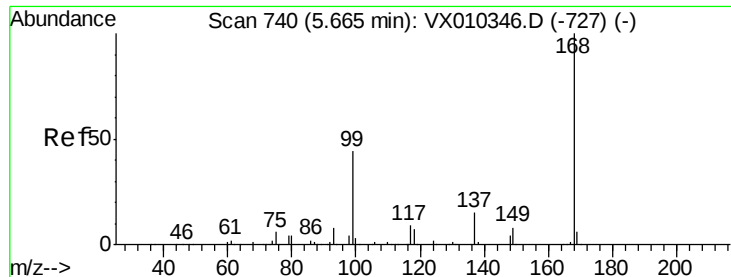
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Quant Time: Jun 28 06:59:07 2019
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	189586	48.568	ug/l	99
94) Hexachlorobutadiene	13.78	225	90648	47.515	ug/l	98
95) Naphthalene	13.83	128	604085	50.359	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	191435	49.325	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

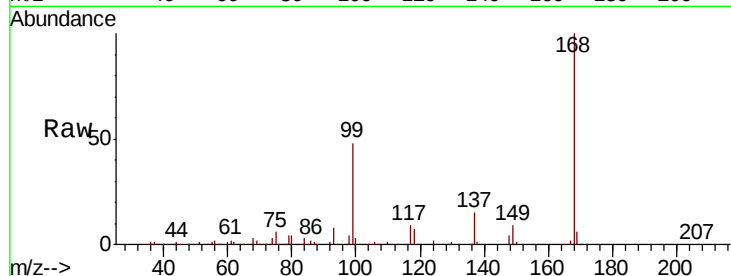
VSTDCCC050EC

Tot Ion:168 Resp: 237712

Ion Ratio Lower Upper

168 100

99 47.7 35.5 53.3

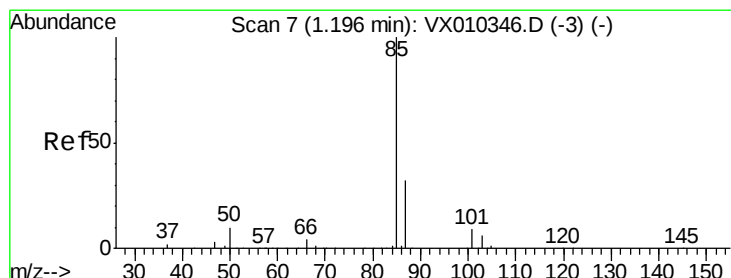
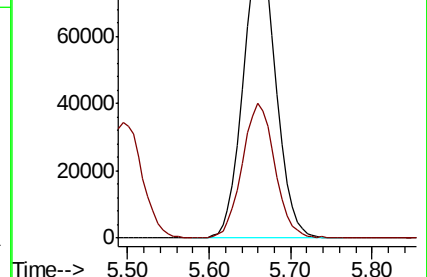
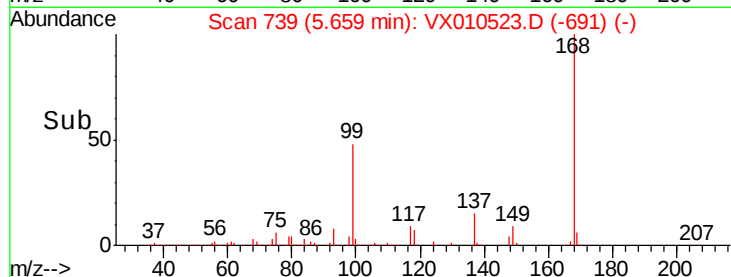


Abundance Ion 167.90 (167.60 to 168.60): VX010346.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX010346.D (-727) (-)

5.66

Time-->



#2

Dichlorodifluoromethane

Concen: 44.748 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010523.D

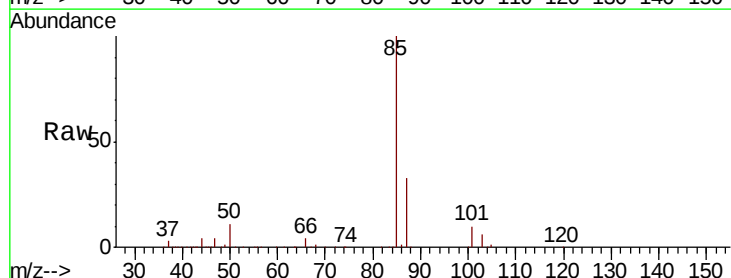
Acq: 28 Jun 2019 06:31

Tgt Ion: 85 Resp: 73952

Ion Ratio Lower Upper

85 100

87 32.9 16.3 48.8

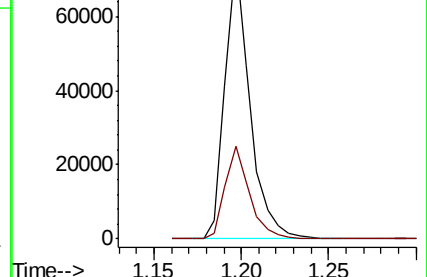
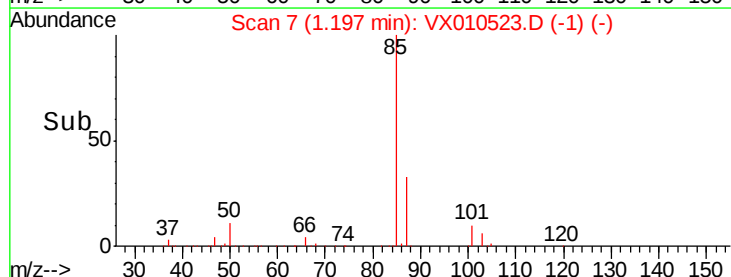


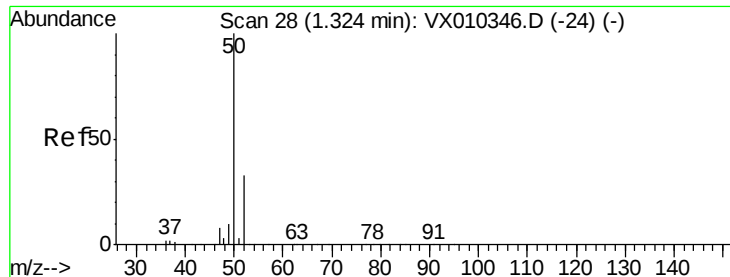
Abundance Ion 84.90 (84.60 to 85.60): VX010346.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX010346.D (-3) (-)

1.20

Time-->





#3

Chloromethane

Concen: 45.344 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

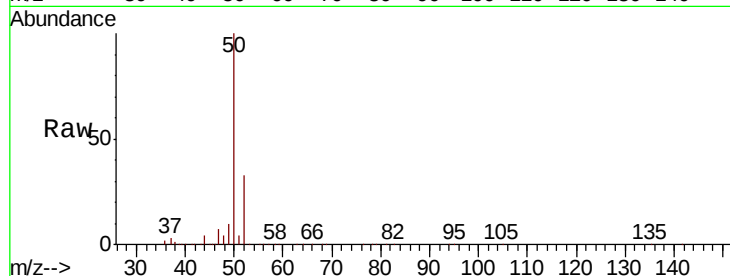
VSTDCCC050EC

Tot Ion: 50 Resp: 87261

Ion Ratio Lower Upper

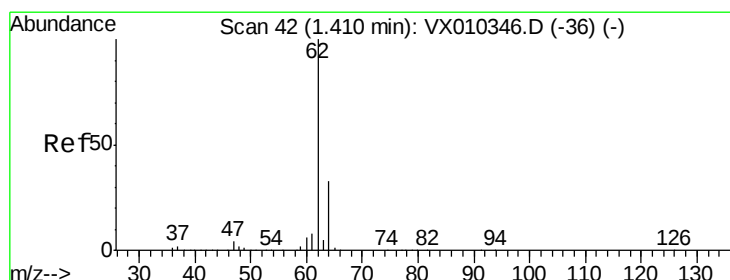
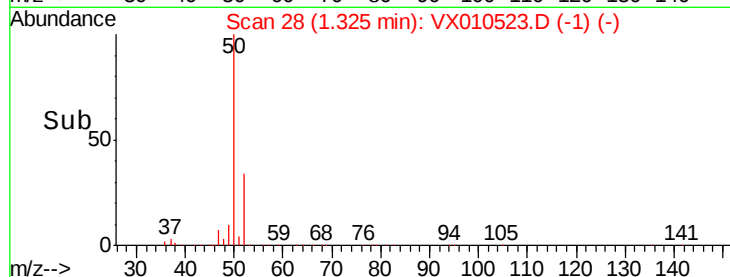
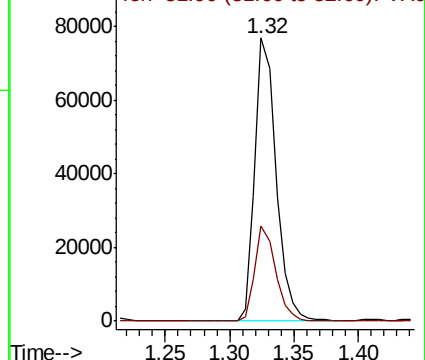
50 100

52 33.4 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: 44.736 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010523.D

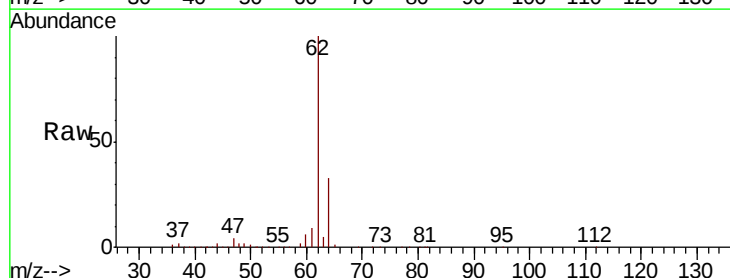
Acq: 28 Jun 2019 06:31

Tgt Ion: 62 Resp: 94295

Ion Ratio Lower Upper

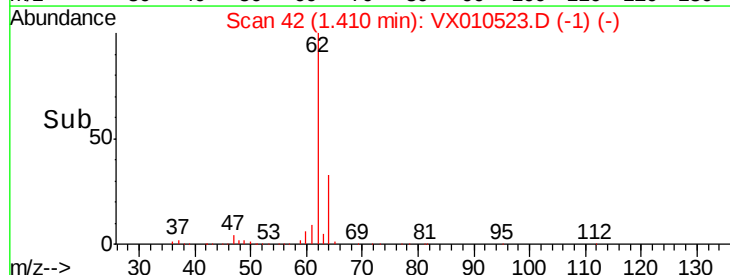
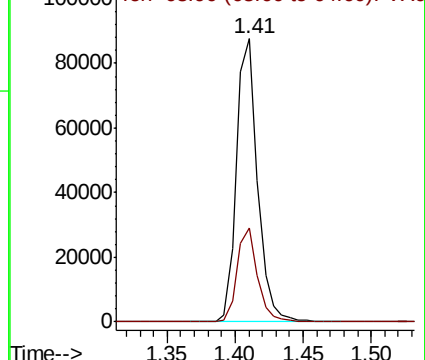
62 100

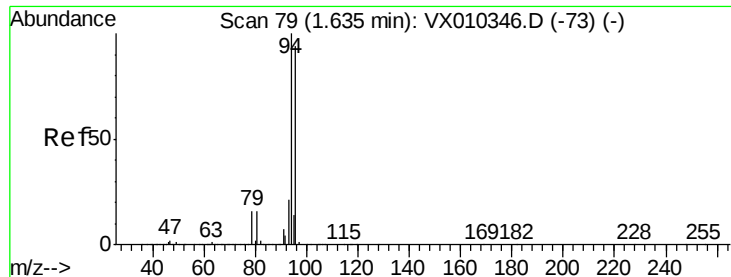
64 33.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.164 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

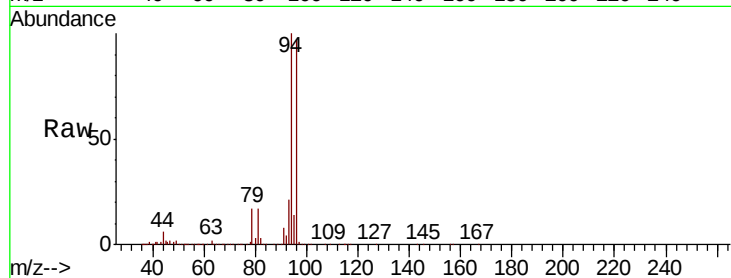
VSTDCCC050EC

Tot Ion: 94 Resp: 48432

Ion Ratio Lower Upper

94 100

96 96.5 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

30000

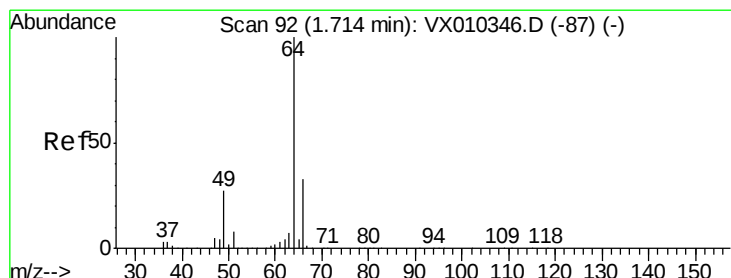
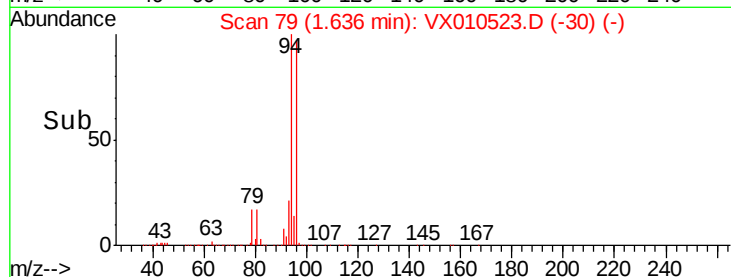
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 48.955 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010523.D

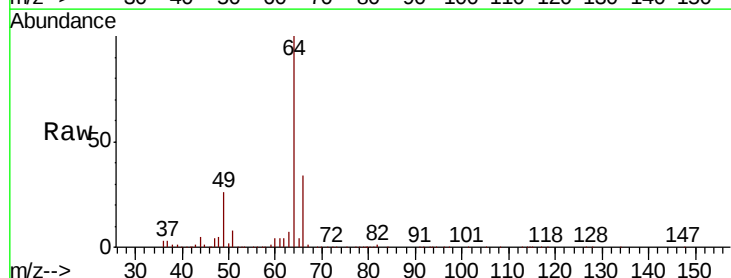
Acq: 28 Jun 2019 06:31

Tgt Ion: 64 Resp: 60879

Ion Ratio Lower Upper

64 100

66 33.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

30000

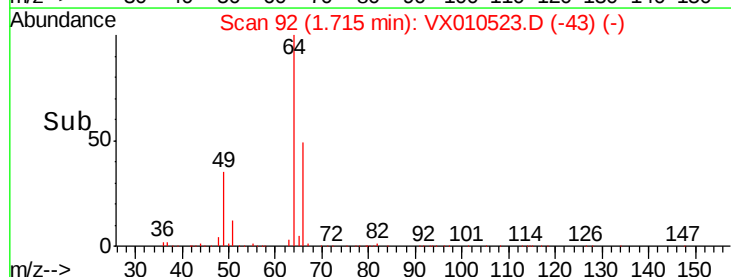
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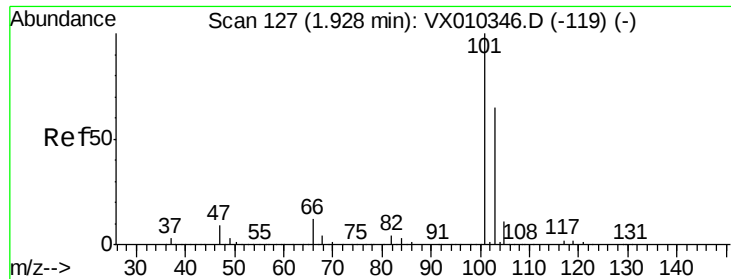
10000

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Time-->

1.60 1.65 1.70 1.75 1.80



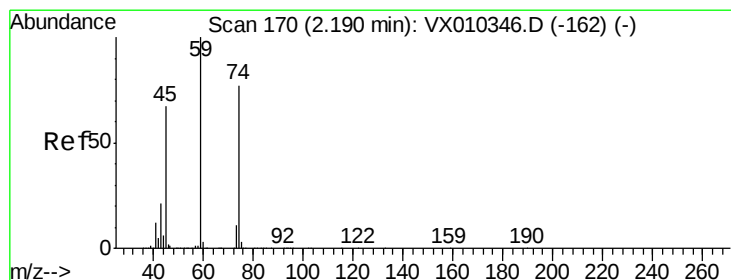
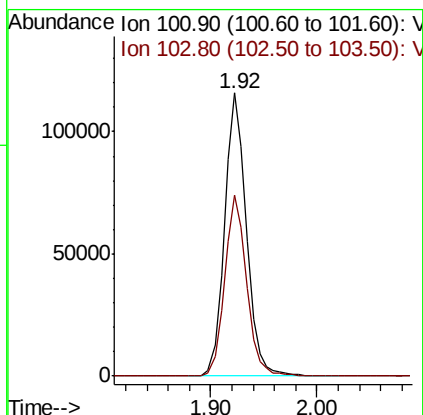
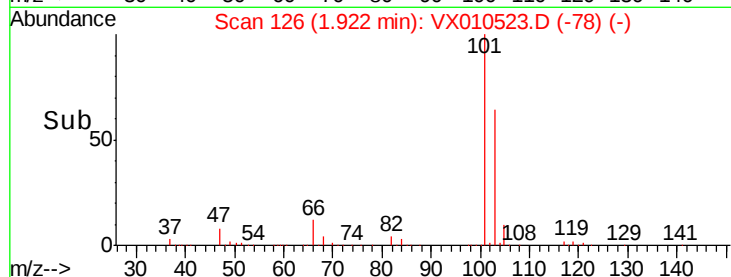
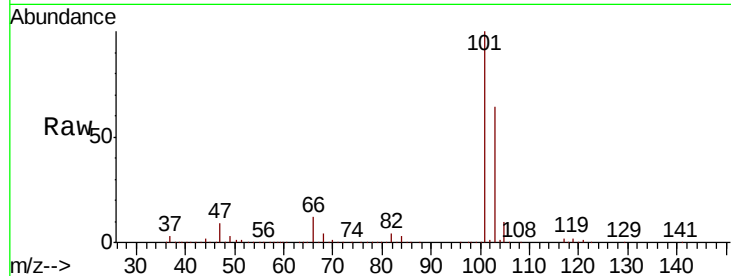


#7

Trichlorofluoromethane
Concen: 49.786 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

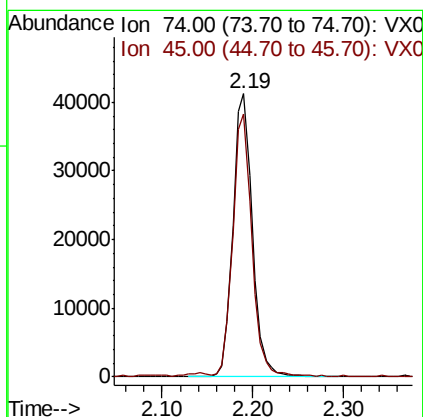
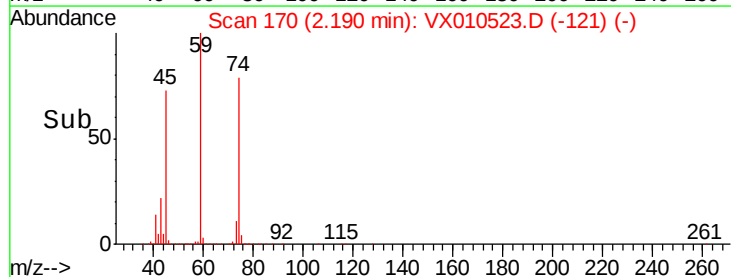
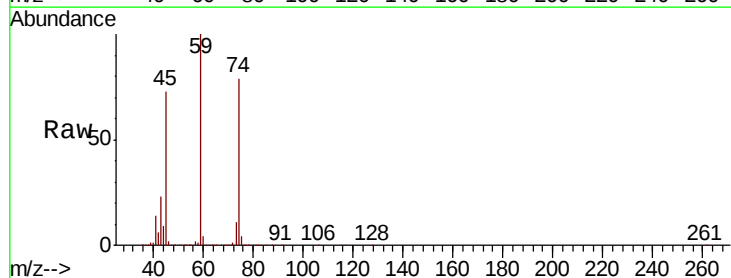
Tot Ion:101 Resp: 166354
Ion Ratio Lower Upper
101 100
103 64.1 52.3 78.5

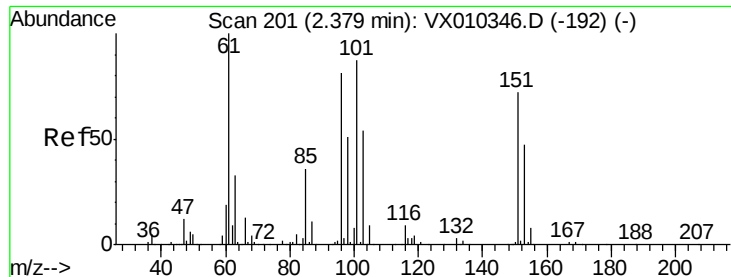


#8

Diethyl Ether
Concen: 51.147 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

Tgt Ion: 74 Resp: 61288
Ion Ratio Lower Upper
74 100
45 90.5 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.971 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

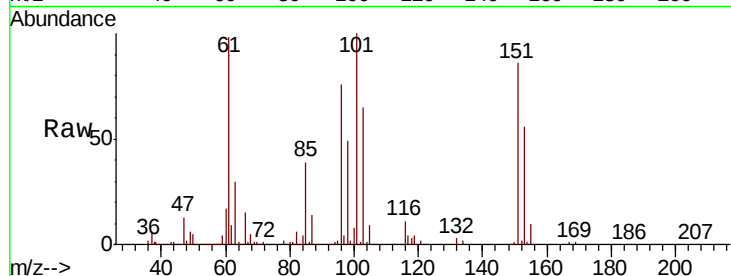
Tot Ion:101 Resp: 95111

Ion Ratio Lower Upper

101 100

85 41.3 33.7 50.5

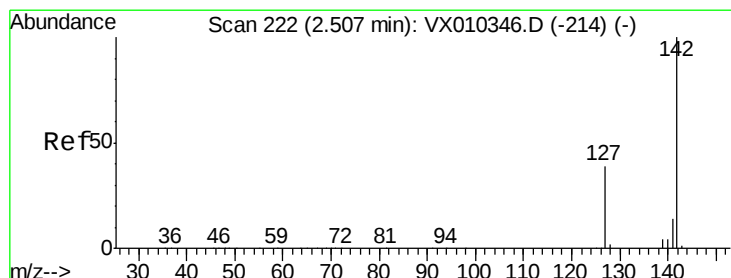
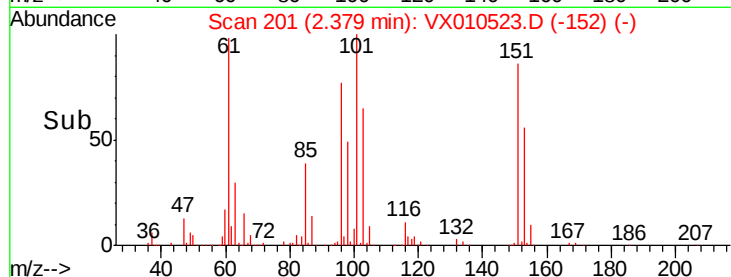
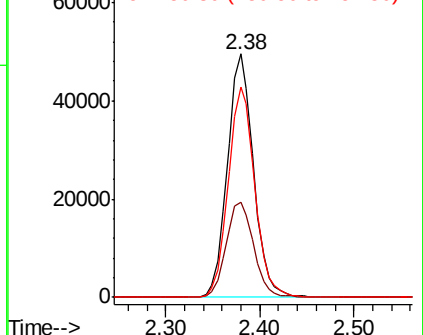
151 87.8 70.1 105.1



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: 49.607 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

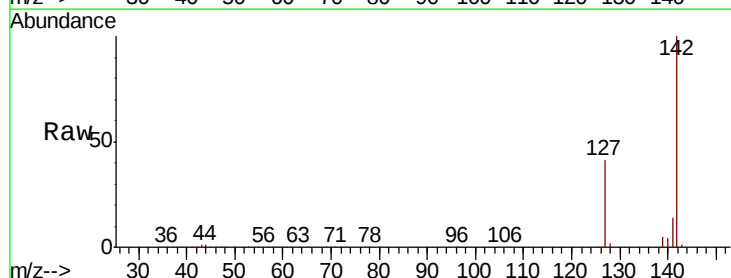
Tgt Ion:142 Resp: 143355

Ion Ratio Lower Upper

142 100

127 40.3 31.1 46.7

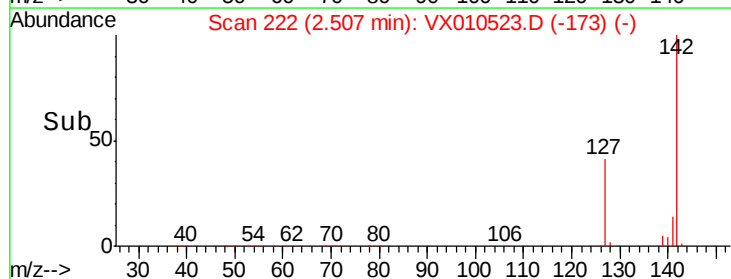
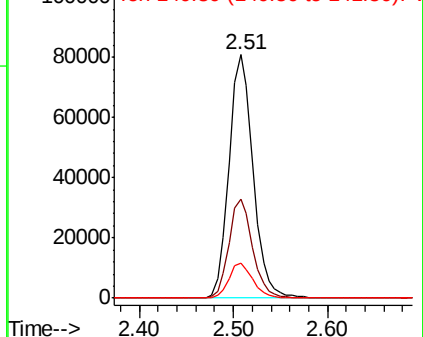
141 14.2 11.2 16.8

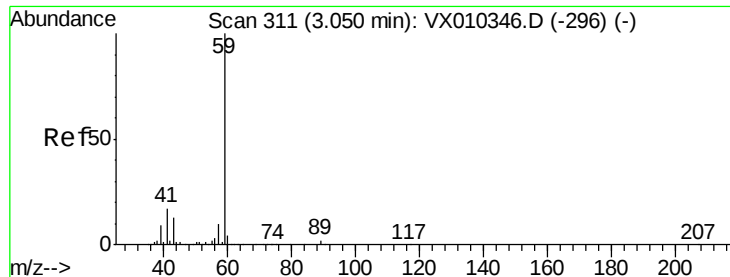


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



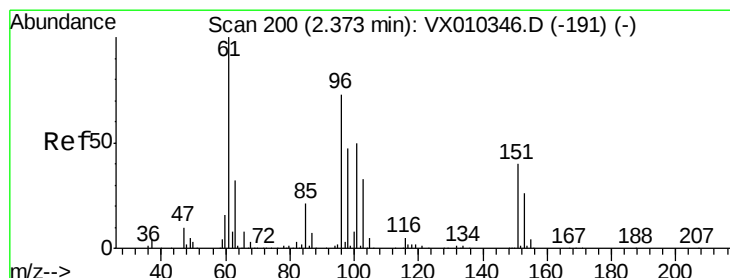
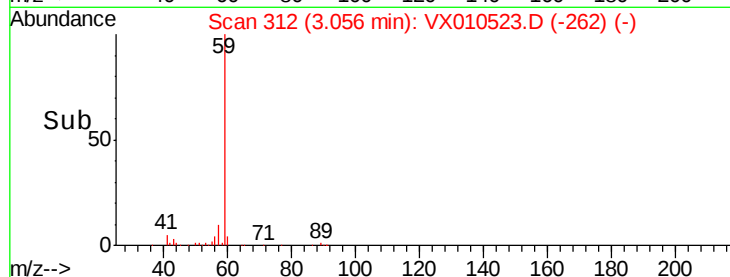
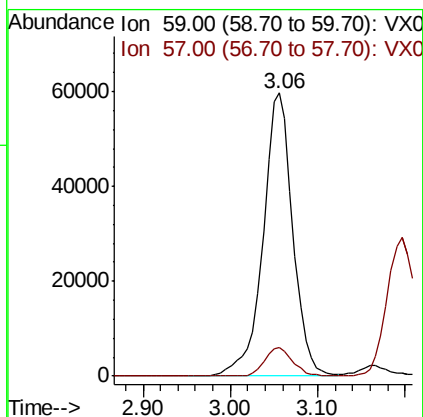
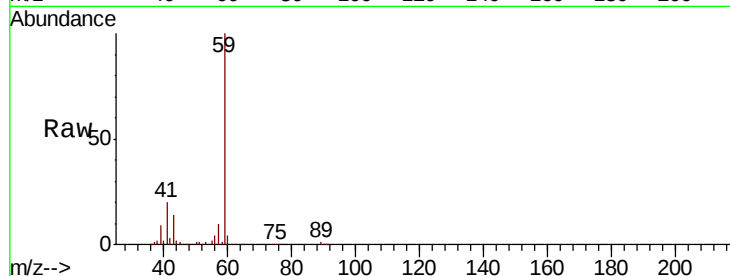


#11

Tert butyl alcohol
Concen: 242.995 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

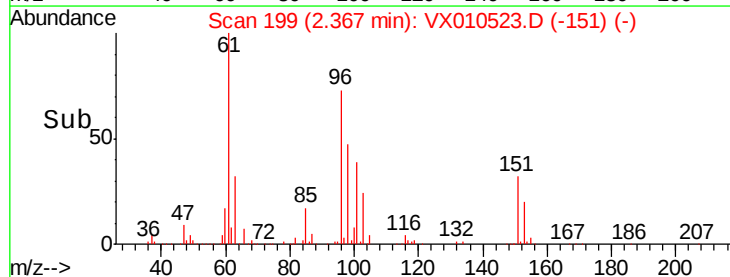
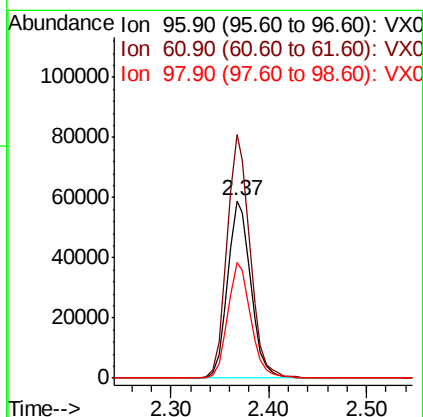
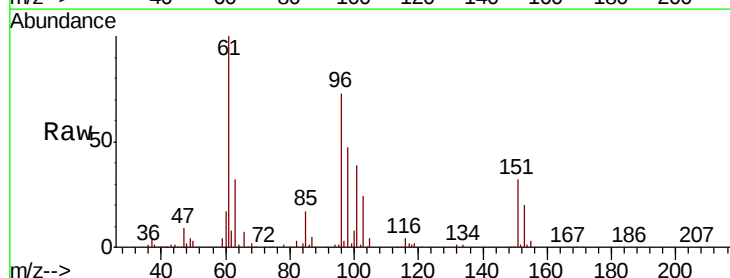
Tot Ion: 59 Resp: 141715
Ion Ratio Lower Upper
59 100
57 9.1 7.7 11.5

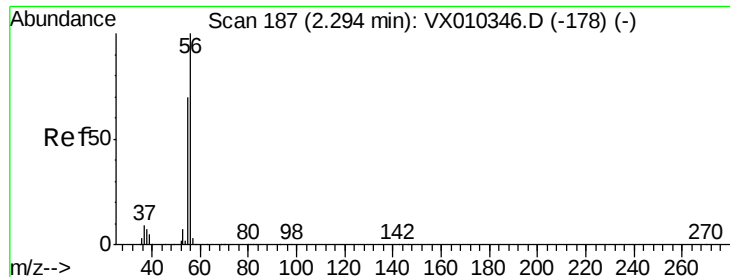


#12

1,1-Dichloroethene
Concen: 47.069 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

Tgt Ion: 96 Resp: 96982
Ion Ratio Lower Upper
96 100
61 137.3 109.2 163.8
98 64.8 51.1 76.7





#13

Acrolein

Concen: 167.664 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

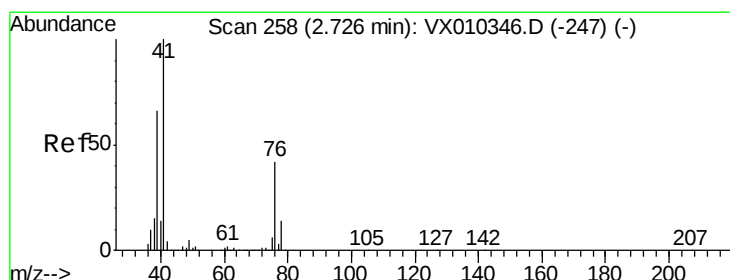
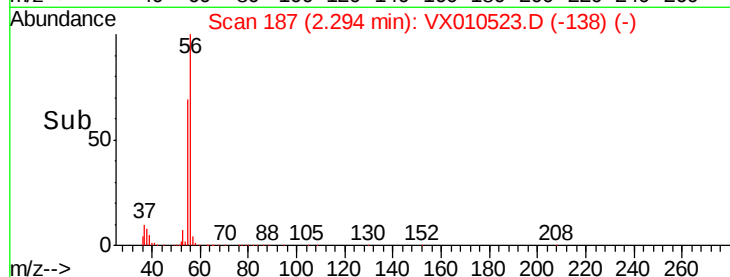
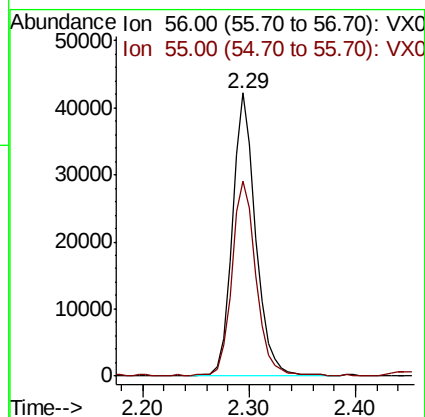
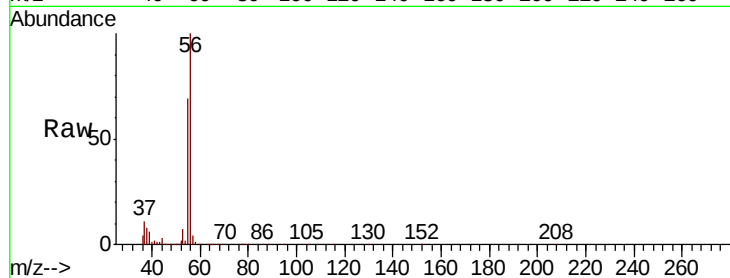
VSTDCCC050EC

Tot Ion: 56 Resp: 64866

Ion Ratio Lower Upper

56 100

55 70.8 56.9 85.3



#14

Allyl chloride

Concen: 46.097 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

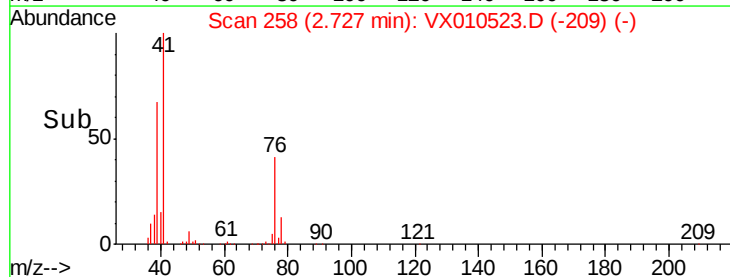
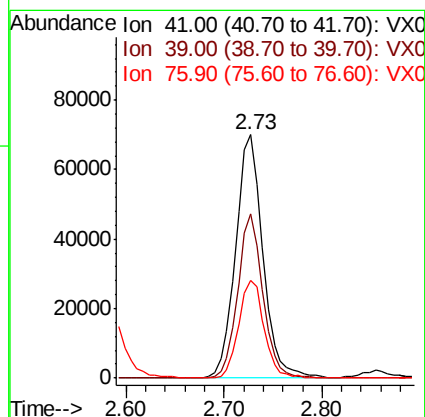
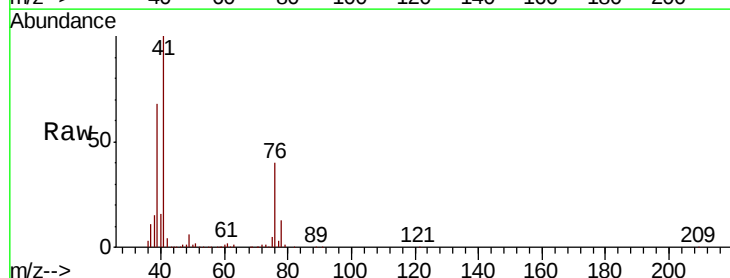
Tgt Ion: 41 Resp: 134845

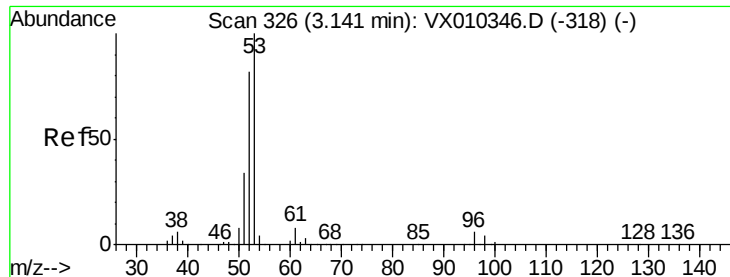
Ion Ratio Lower Upper

41 100

39 62.0 50.3 75.5

76 37.5 31.3 46.9





#15

Acrylonitrile

Concen: 260.091 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

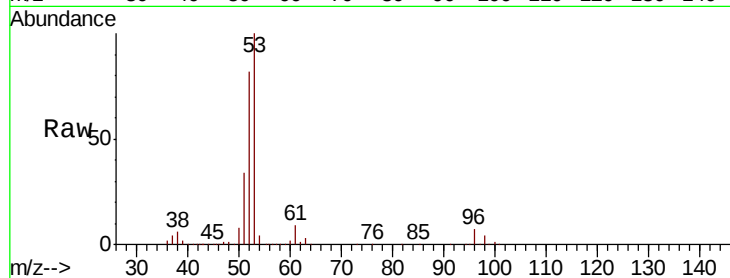
Tot Ion: 53 Resp: 300320

Ion Ratio Lower Upper

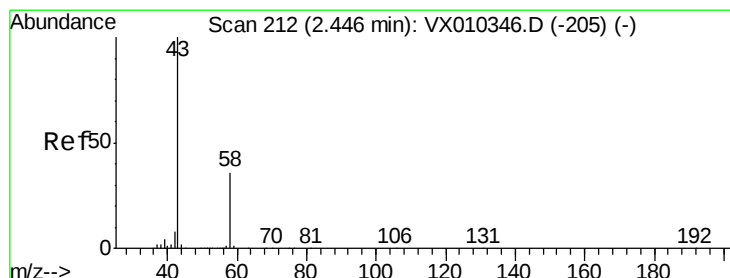
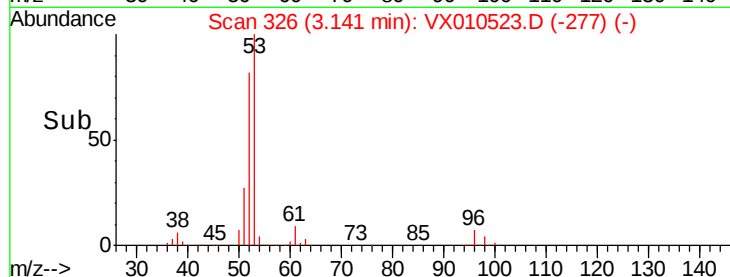
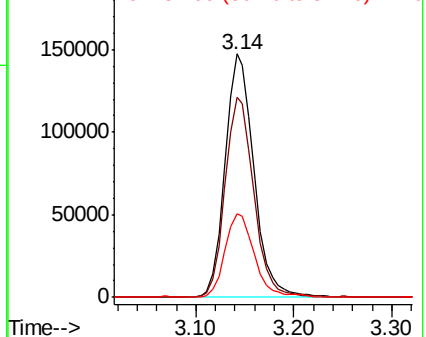
53 100

52 82.0 65.5 98.3

51 34.9 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 215.791 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010523.D

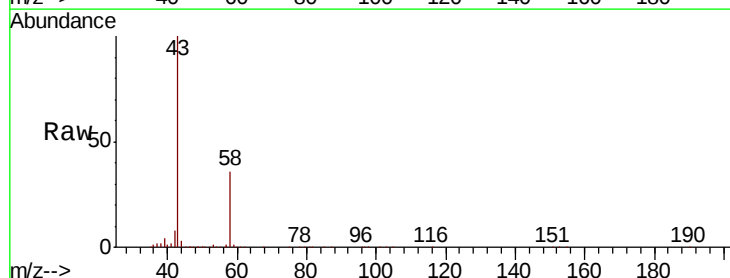
Acq: 28 Jun 2019 06:31

Tgt Ion: 43 Resp: 241038

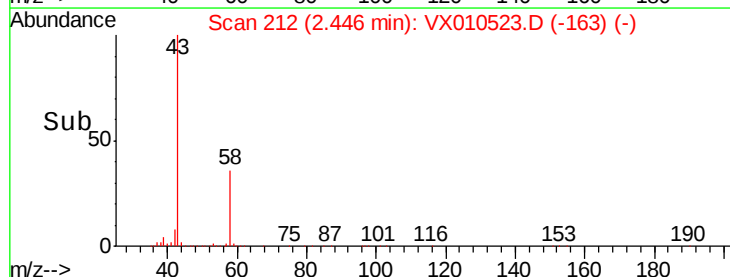
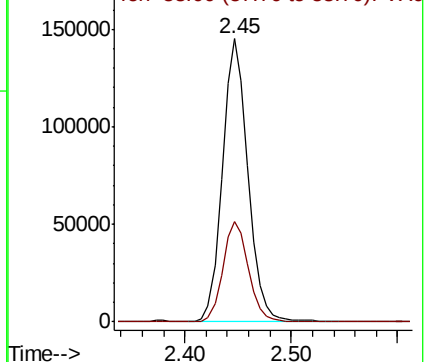
Ion Ratio Lower Upper

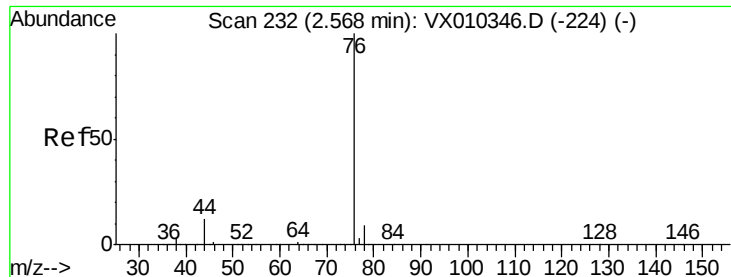
43 100

58 35.6 28.9 43.3



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

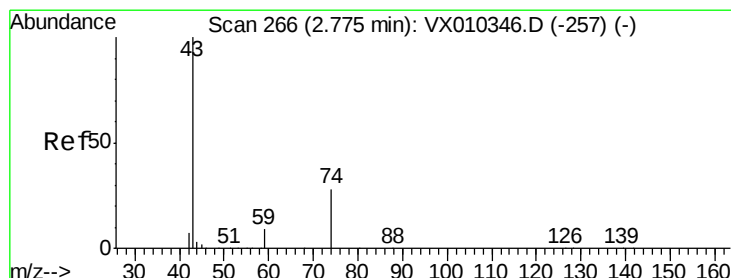
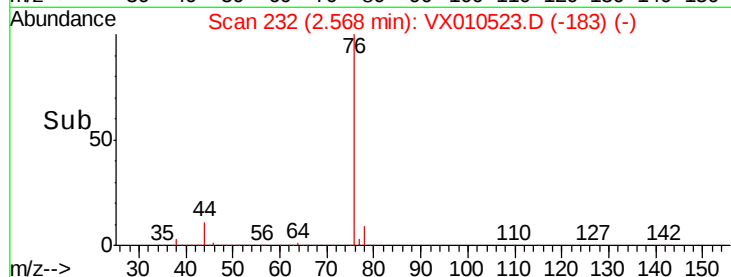
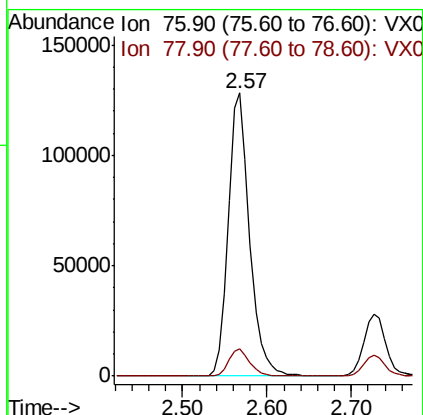
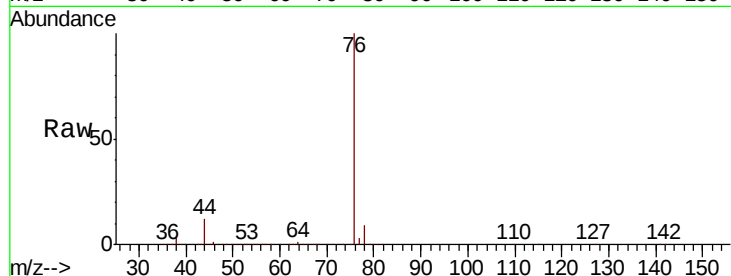




#17
Carbon Disulfide
Concen: 40.001 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

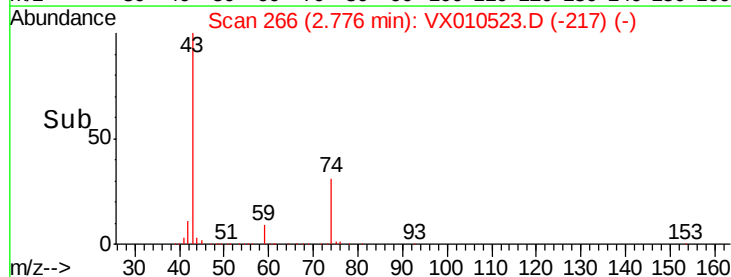
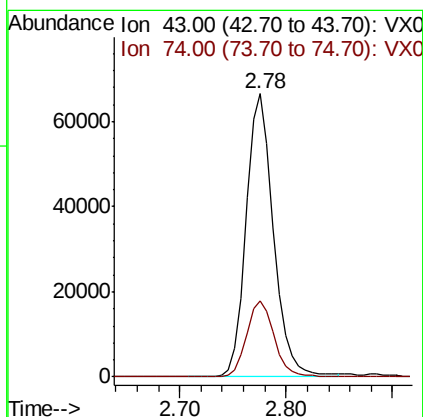
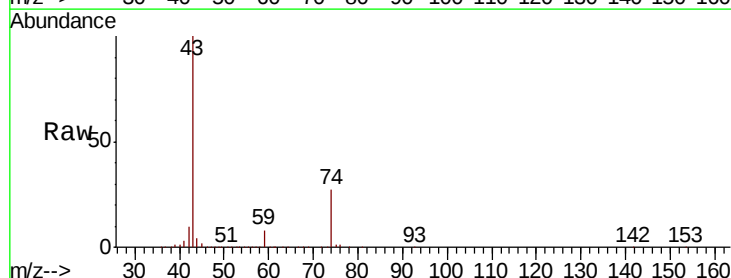
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

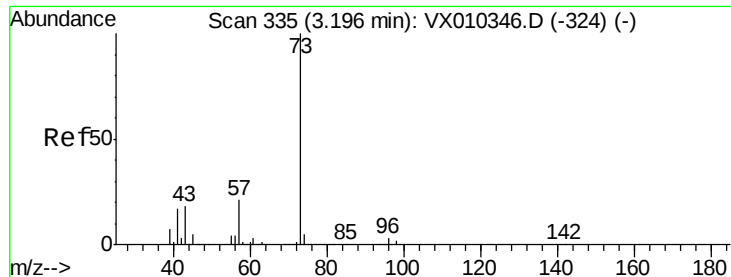
Tot Ion: 76 Resp: 221122
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 53.658 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

Tgt Ion: 43 Resp: 119456
Ion Ratio Lower Upper
43 100
74 27.7 21.3 31.9

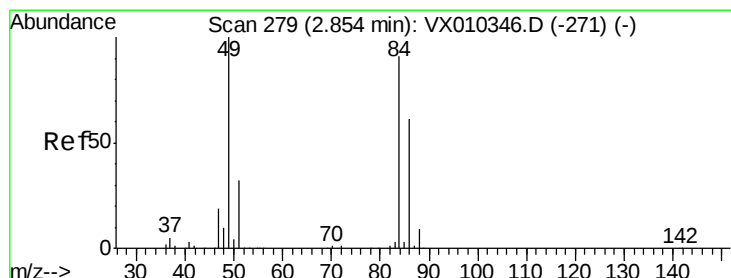
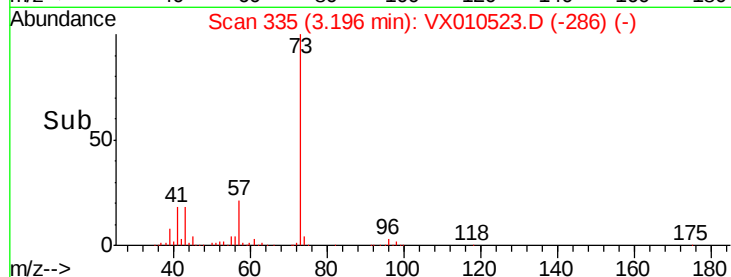
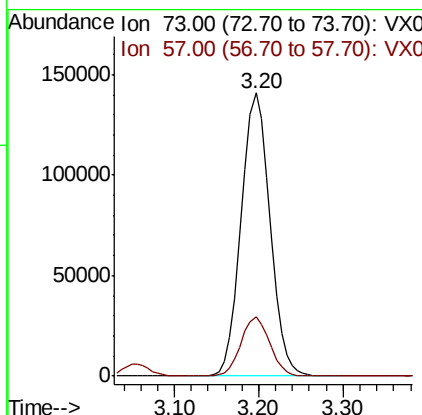
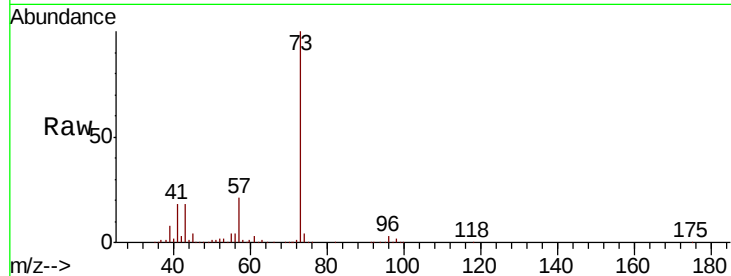




#19
Methyl tert-butyl Ether
Concen: 50.315 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

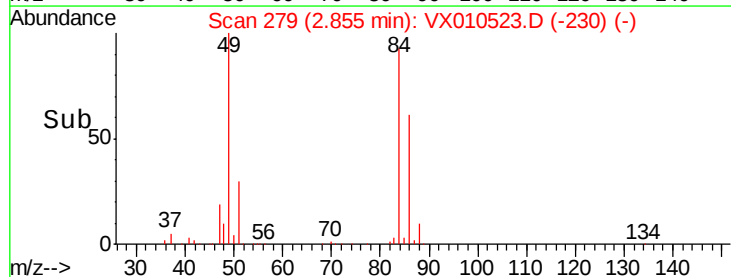
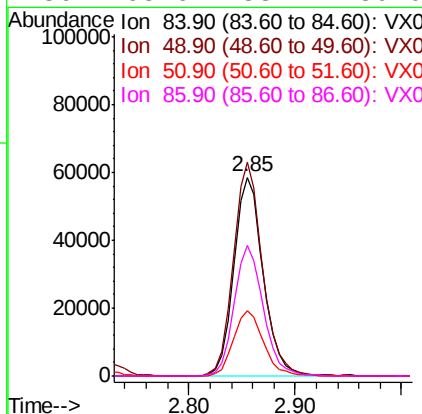
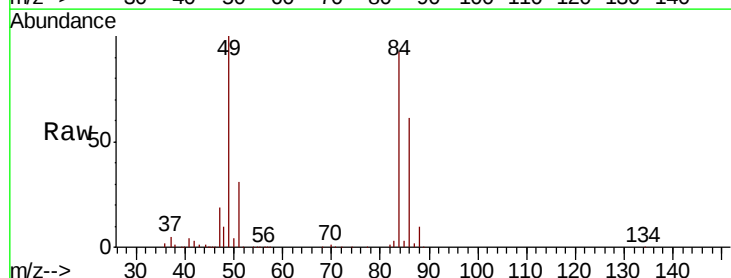
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

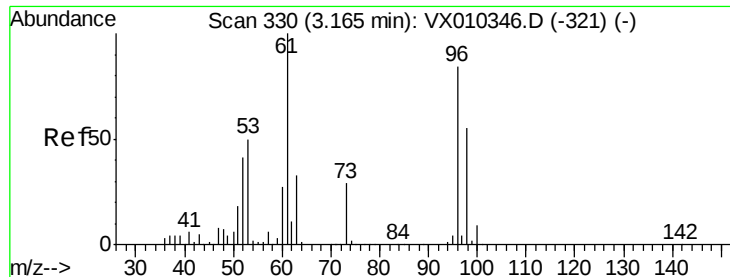
Tot Ion: 73 Resp: 326136
Ion Ratio Lower Upper
73 100
57 20.7 16.4 24.6



#20
Methylene Chloride
Concen: 49.064 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

Tgt Ion: 84 Resp: 112785
Ion Ratio Lower Upper
84 100
49 107.5 87.5 131.3
51 32.7 27.7 41.5
86 65.6 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 47.449 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

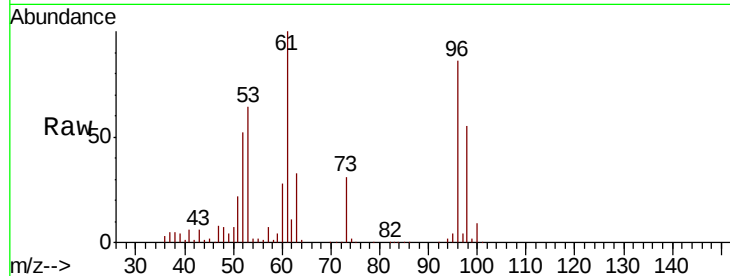
Tot Ion: 96 Resp: 105148

Ion Ratio Lower Upper

96 100

61 116.1 95.6 143.4

98 63.9 52.5 78.7

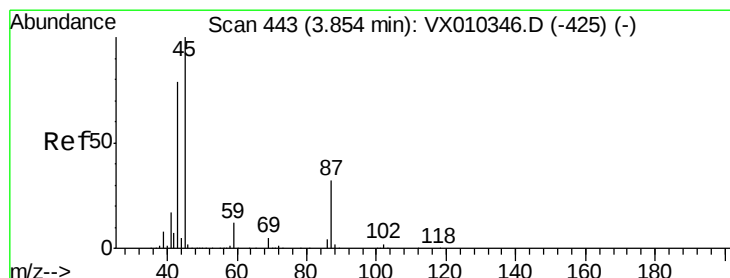
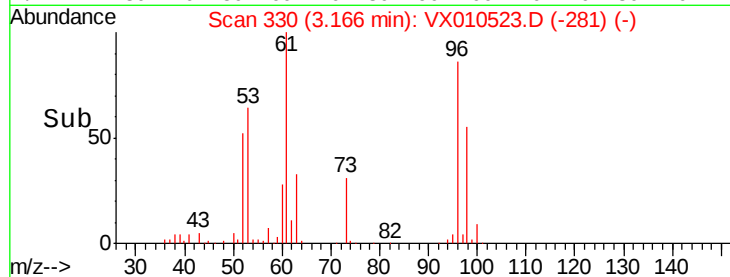
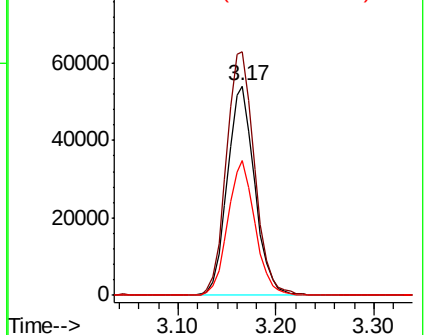


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.159 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Tgt Ion: 45 Resp: 306772

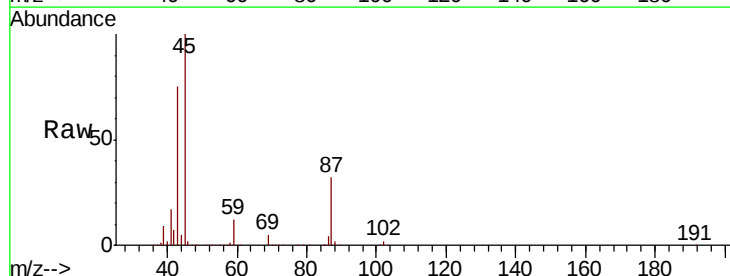
Ion Ratio Lower Upper

45 100

43 74.8 63.3 94.9

87 31.8 25.8 38.8

59 12.4 9.6 14.4



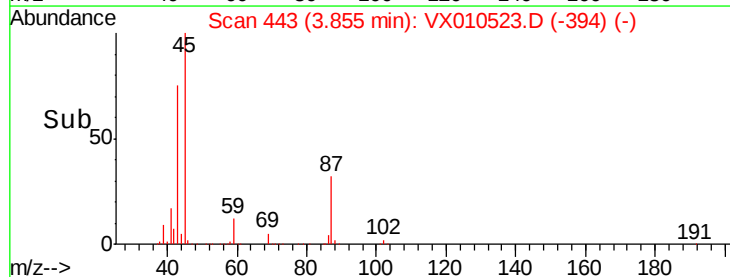
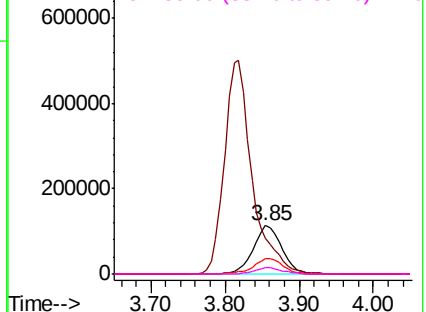
Abundance

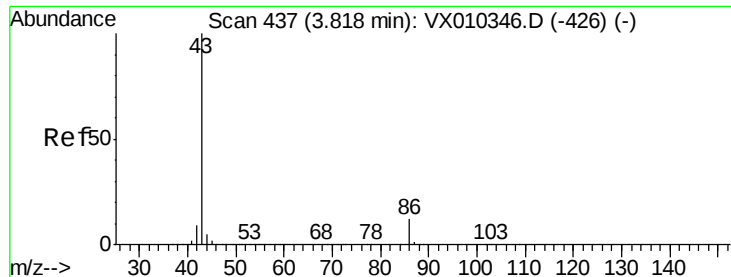
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 246.585 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

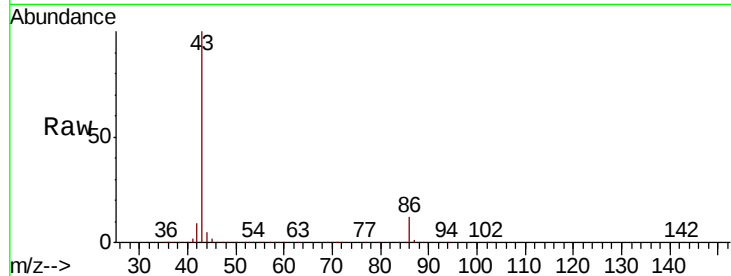
VSTDCCC050EC

Tot Ion: 43 Resp: 1302844

Ion Ratio Lower Upper

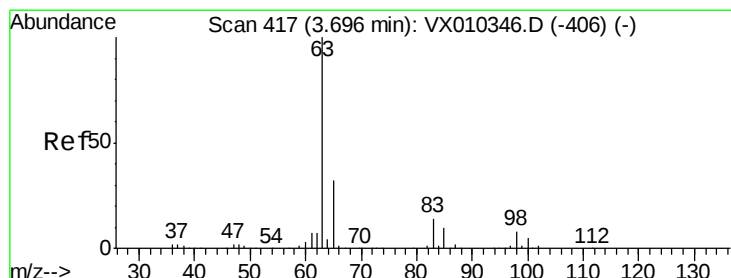
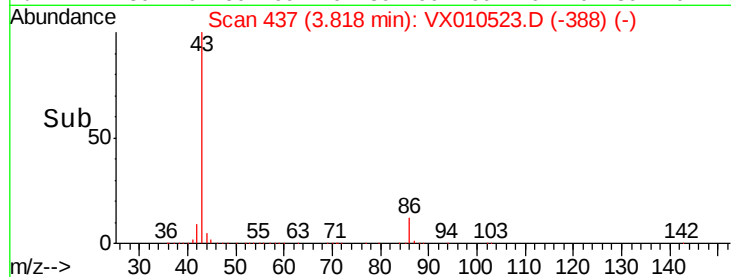
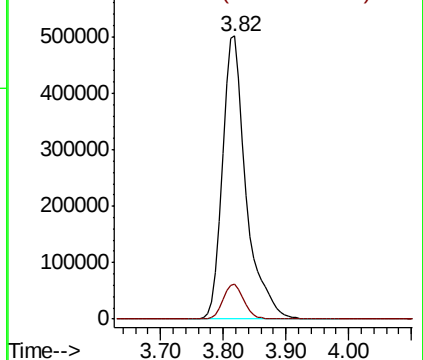
43 100

86 12.4 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.138 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

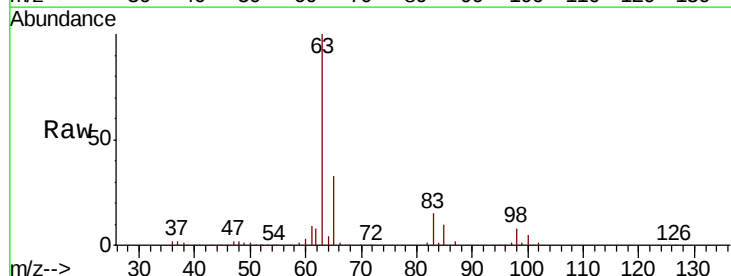
Tgt Ion: 63 Resp: 173717

Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.7

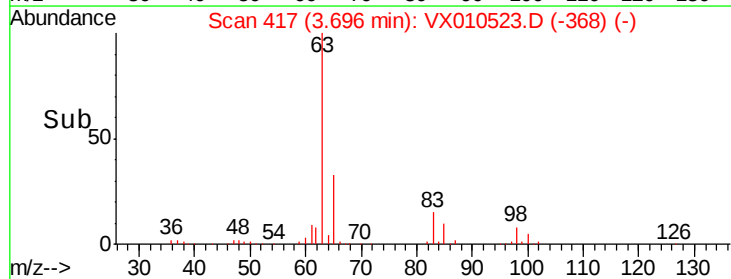
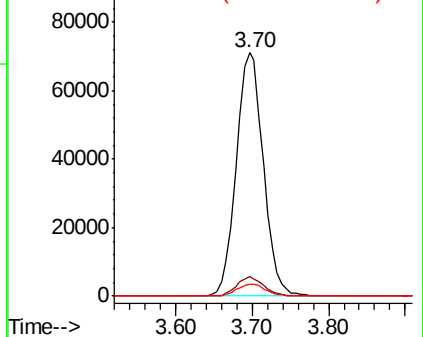
100 5.1 2.4 7.1

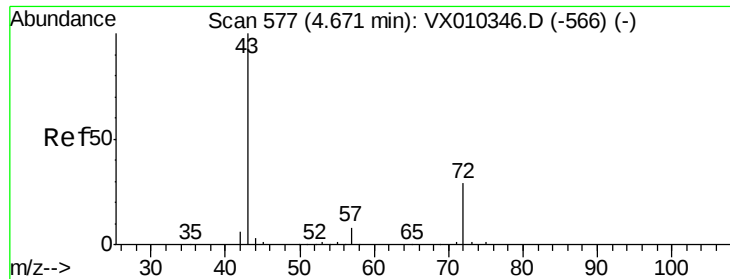


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 246.828 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

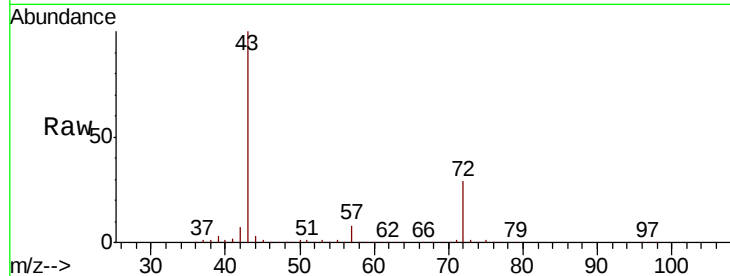
VSTDCCC050EC

Tot Ion: 43 Resp: 404427

Ion Ratio Lower Upper

43 100

72 28.5 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

150000

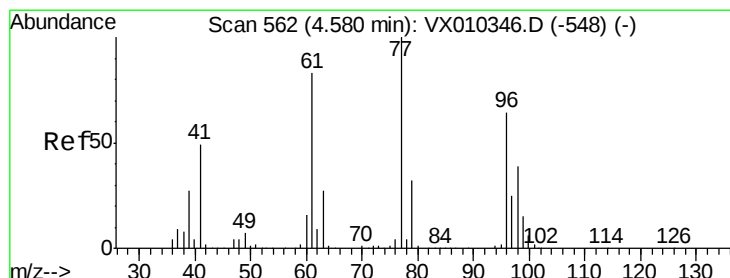
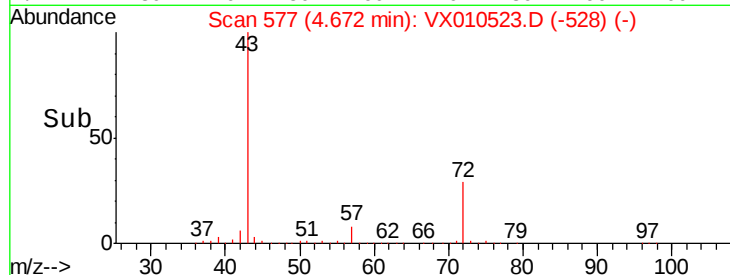
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 27.712 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010523.D

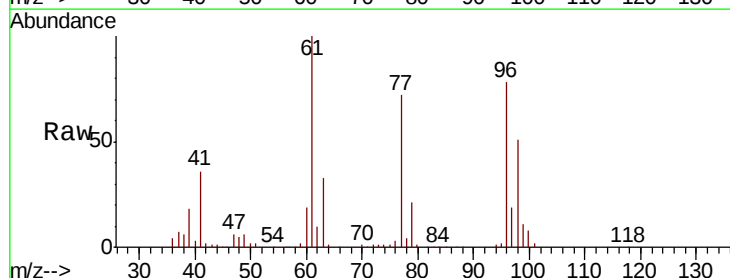
Acq: 28 Jun 2019 06:31

Tgt Ion: 77 Resp: 85105

Ion Ratio Lower Upper

77 100

97 28.8 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

30000

25000

20000

15000

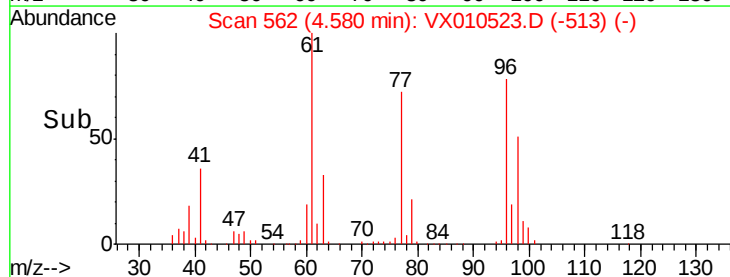
10000

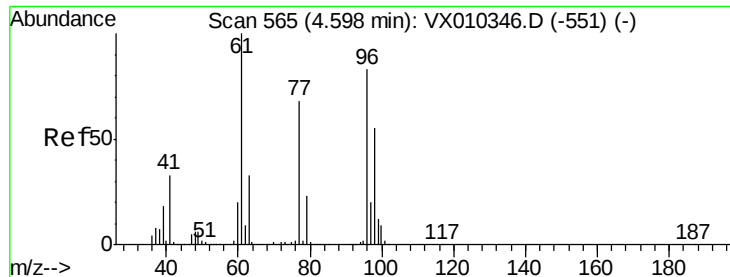
5000

0

4.50 4.60 4.70

Time-->



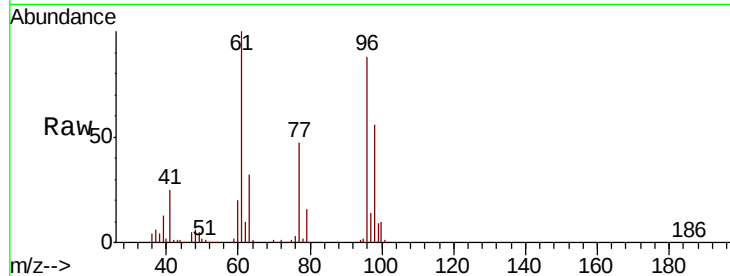


#27

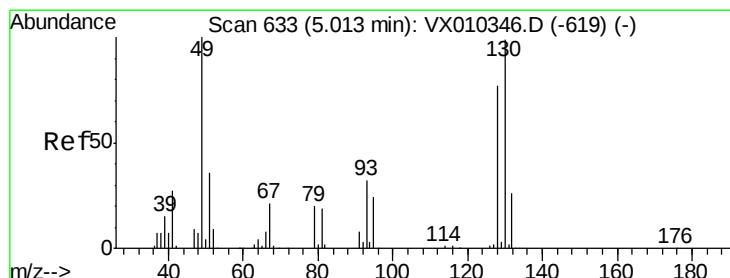
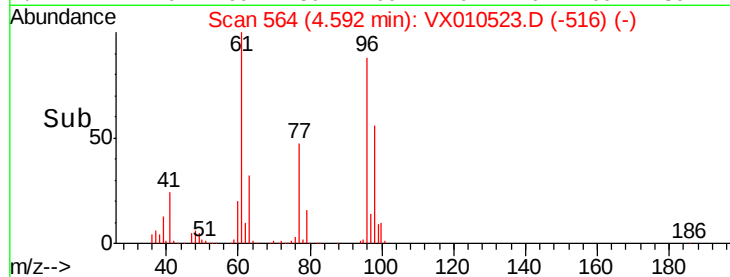
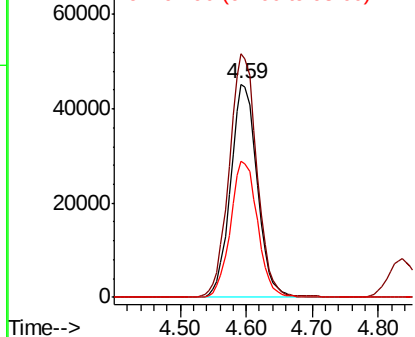
cis-1,2-Dichloroethene
Concen: 49.194 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 125976
Ion Ratio Lower Upper
96 100
61 118.4 0.0 251.8
98 64.8 0.0 129.4



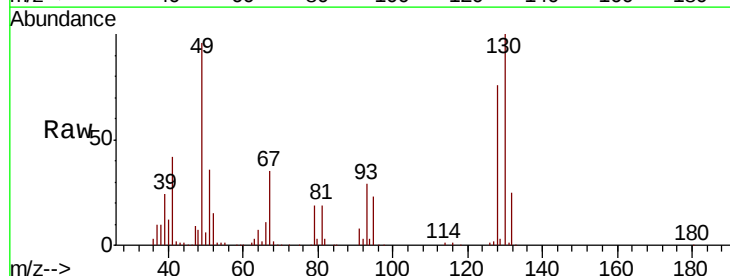
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



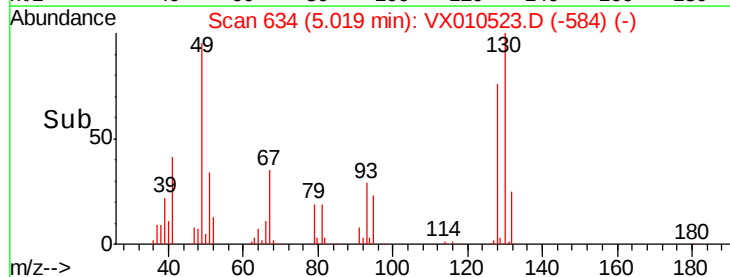
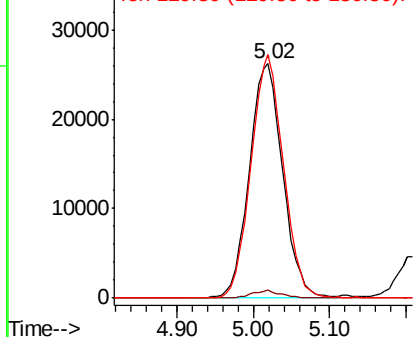
#28

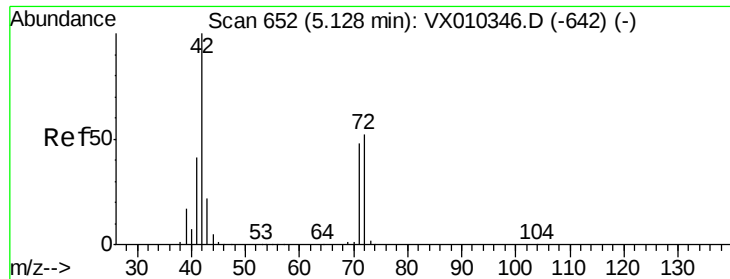
Bromochloromethane
Concen: 47.245 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

Tgt Ion: 49 Resp: 79857
Ion Ratio Lower Upper
49 100
129 2.9 0.0 5.6
130 100.4 81.4 122.0



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: 257.274 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

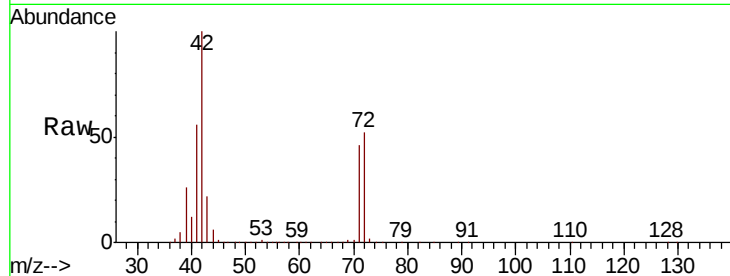
Tot Ion: 42 Resp: 261107

Ion Ratio Lower Upper

42 100

72 51.5 40.6 60.8

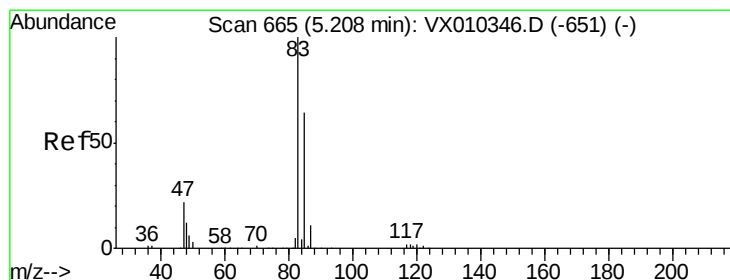
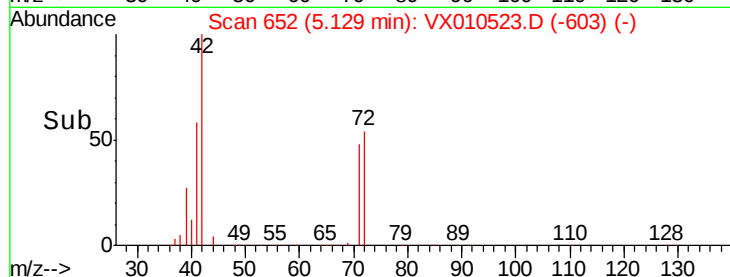
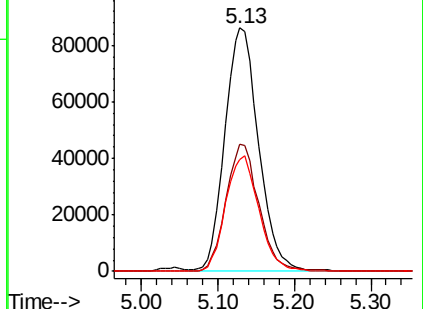
71 47.0 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.962 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010523.D

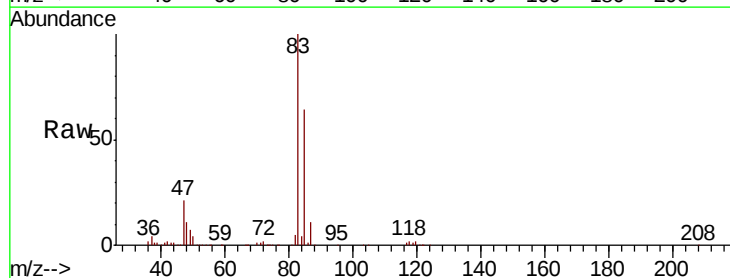
Acq: 28 Jun 2019 06:31

Tgt Ion: 83 Resp: 190043

Ion Ratio Lower Upper

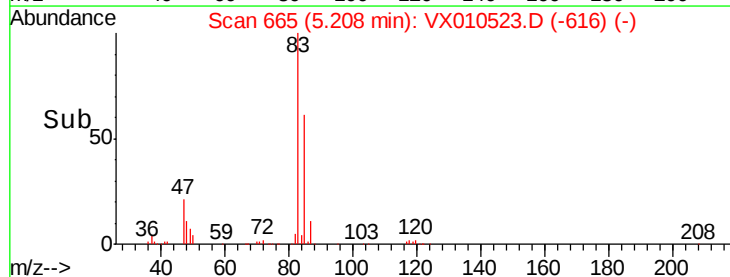
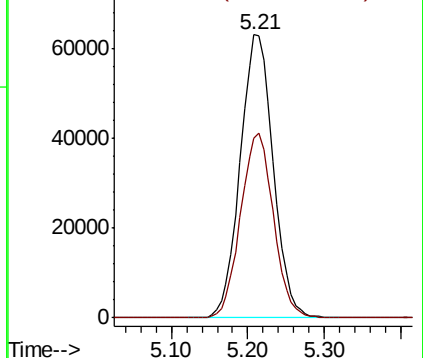
83 100

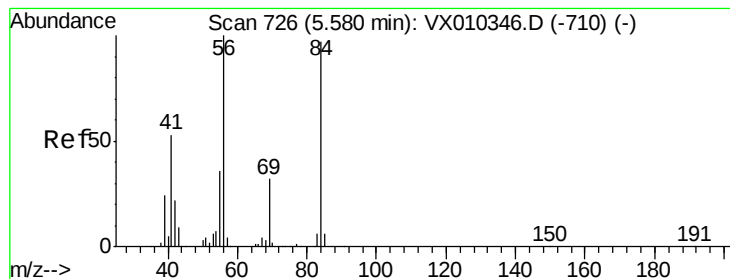
85 63.7 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 46.237 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

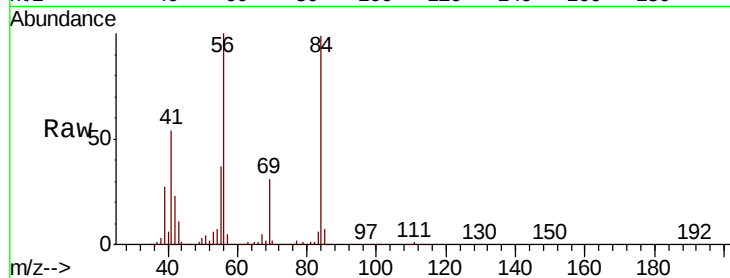
Tot Ion: 56 Resp: 148854

Ion Ratio Lower Upper

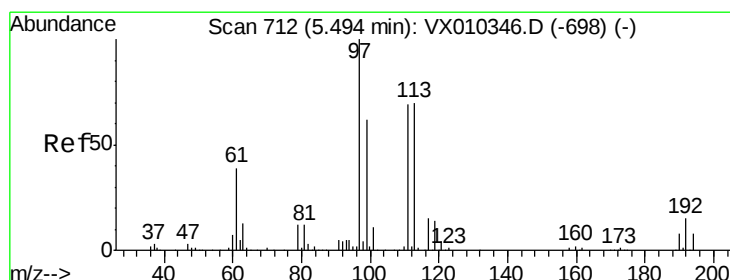
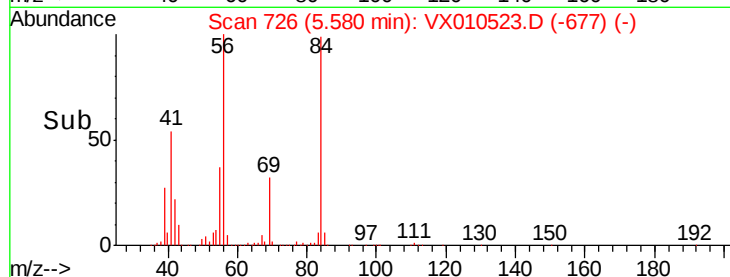
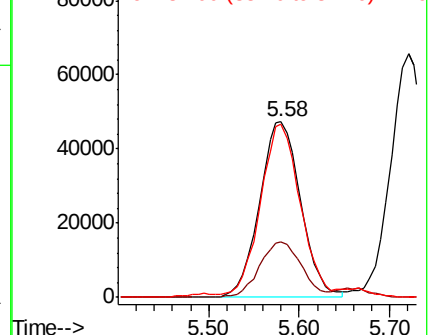
56 100

69 31.5 25.9 38.9

84 97.1 78.0 117.0



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



#32

1,1,1-Trichloroethane

Concen: 49.198 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

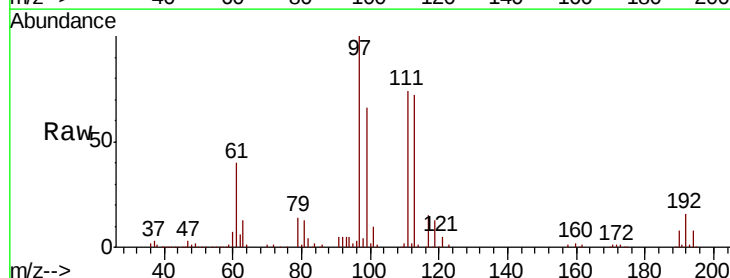
Tgt Ion: 97 Resp: 165239

Ion Ratio Lower Upper

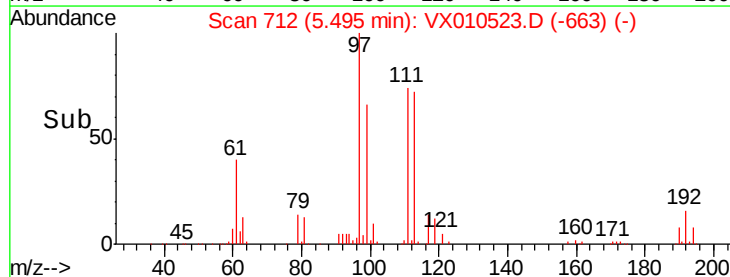
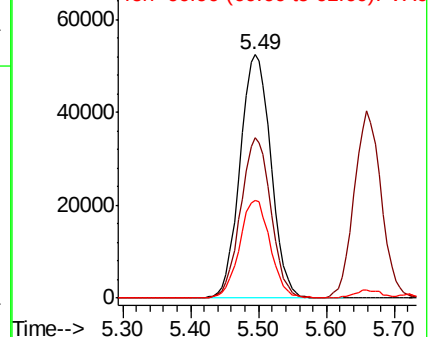
97 100

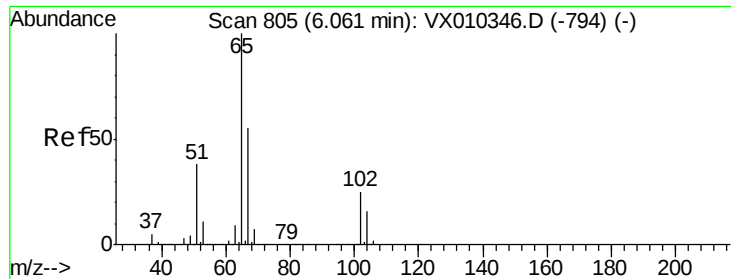
99 64.6 51.8 77.8

61 40.1 32.1 48.1



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





#33

1,2-Dichloroethane-d4

Concen: 49.849 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

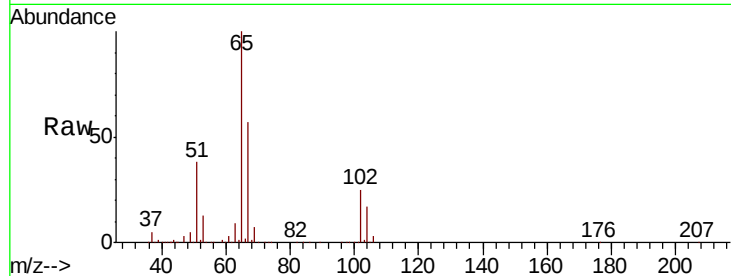
VSTDCCC050EC

Tot Ion: 65 Resp: 111103

Ion Ratio Lower Upper

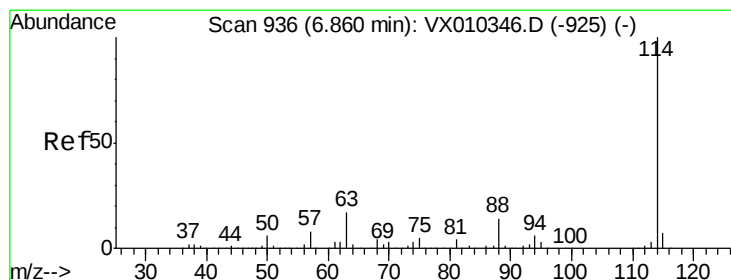
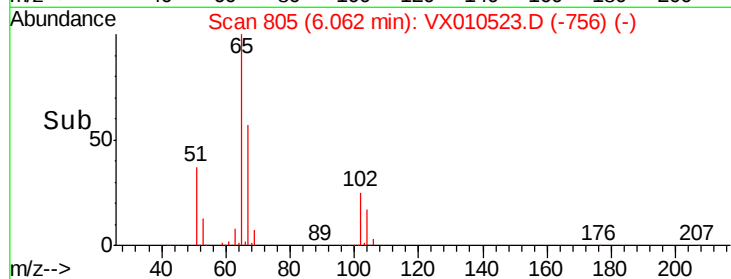
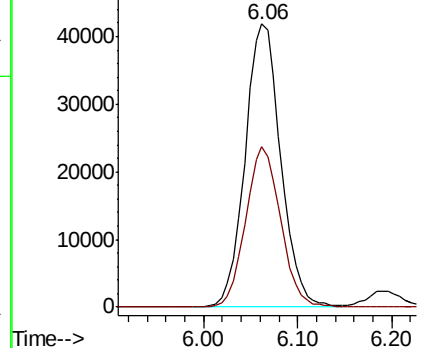
65 100

67 55.4 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

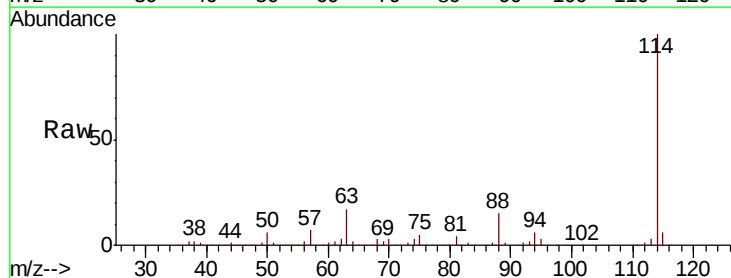
Tgt Ion: 114 Resp: 361768

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.8

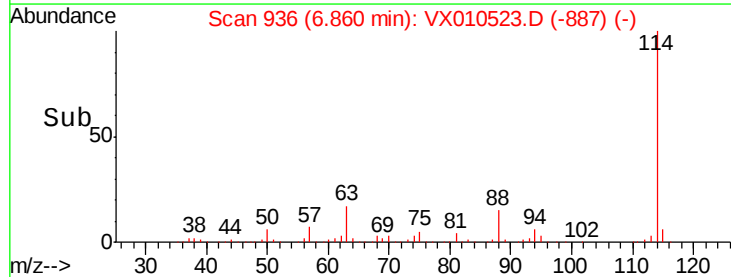
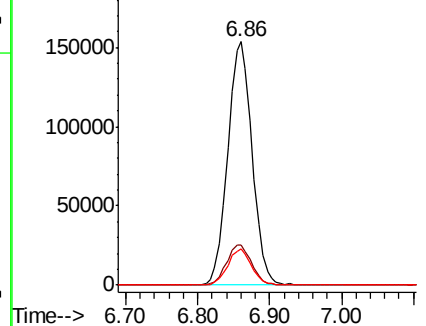
88 14.9 0.0 27.6

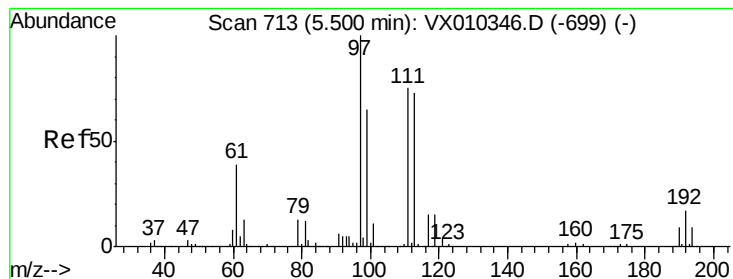


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.998 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

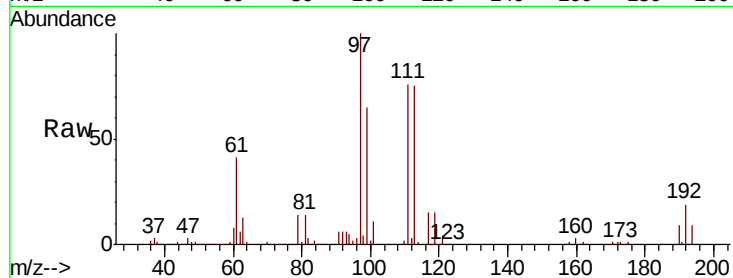
Tot Ion:113 Resp: 110668

Ion Ratio Lower Upper

113 100

111 102.2 81.2 121.8

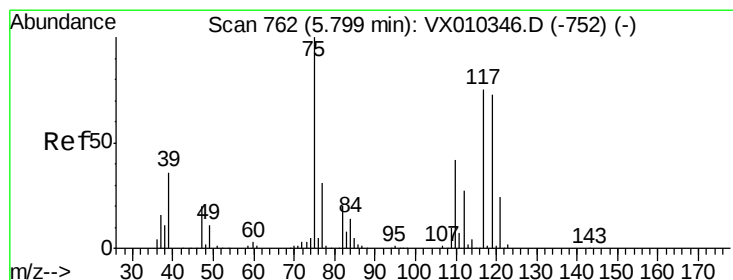
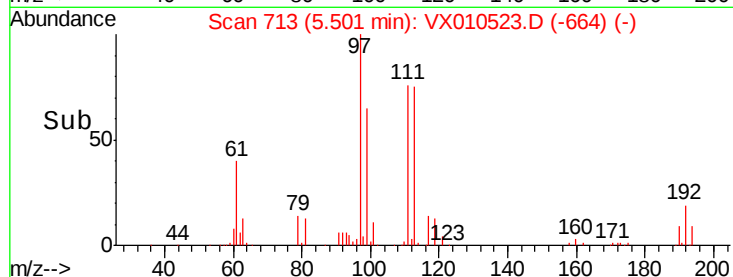
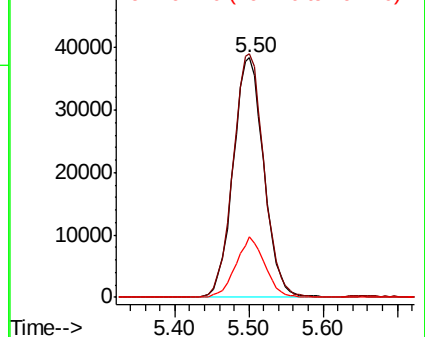
192 23.7 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.770 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

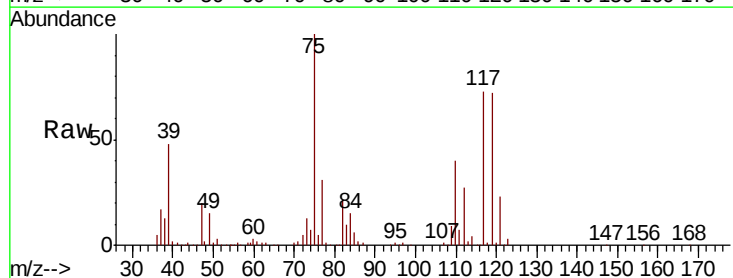
Tgt Ion: 75 Resp: 131581

Ion Ratio Lower Upper

75 100

110 42.4 20.8 62.2

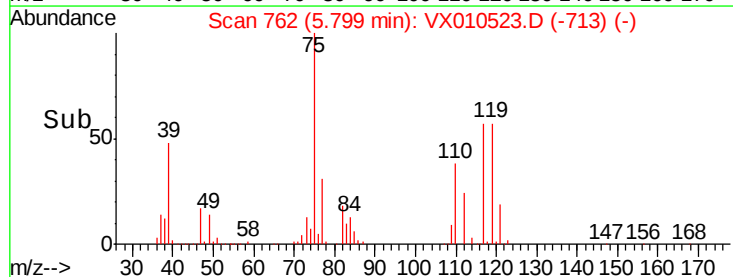
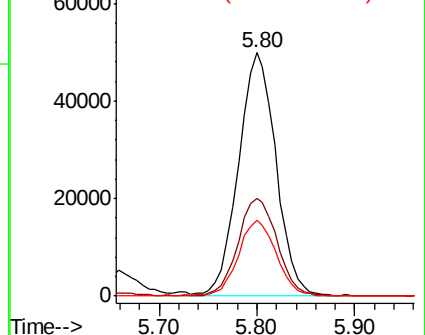
77 32.0 25.4 38.0

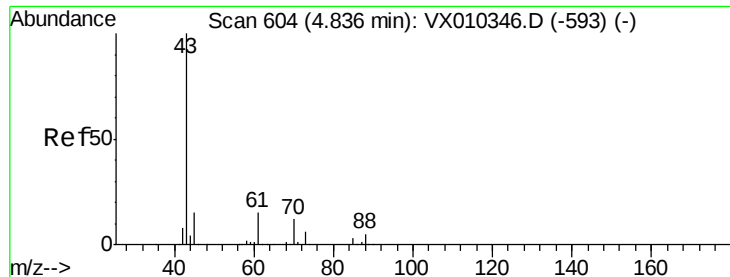


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

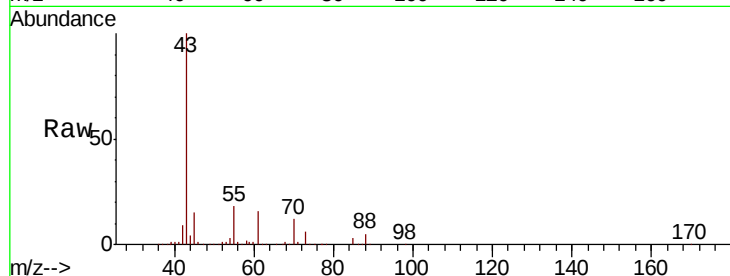




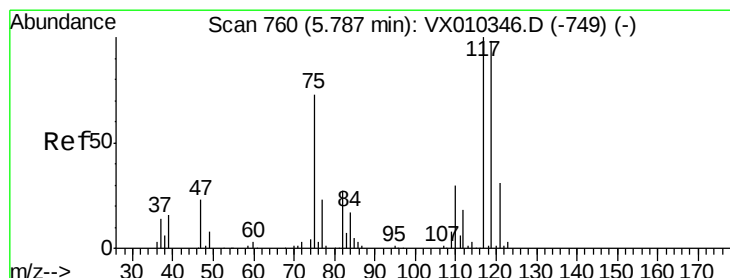
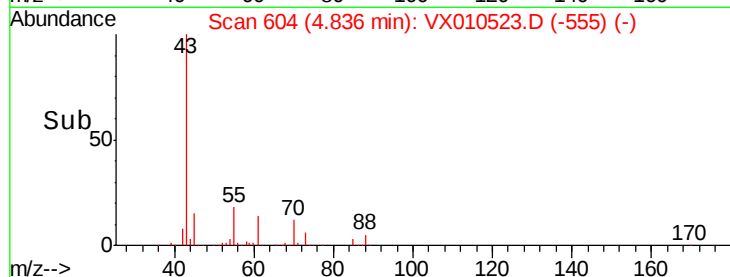
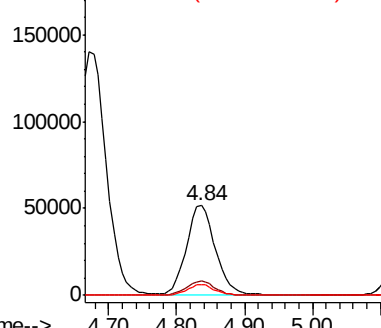
#37
Ethyl Acetate
Concen: 51.312 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 151753
Ion Ratio Lower Upper
43 100
61 15.3 12.4 18.6
70 12.0 9.8 14.8

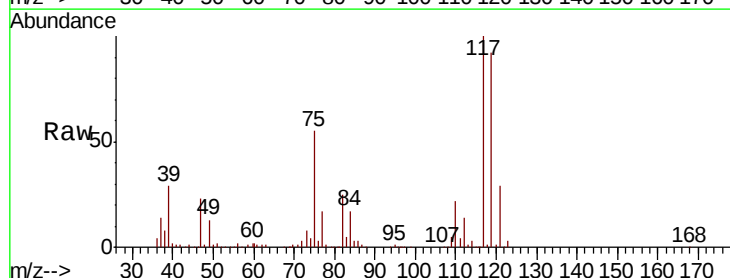


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

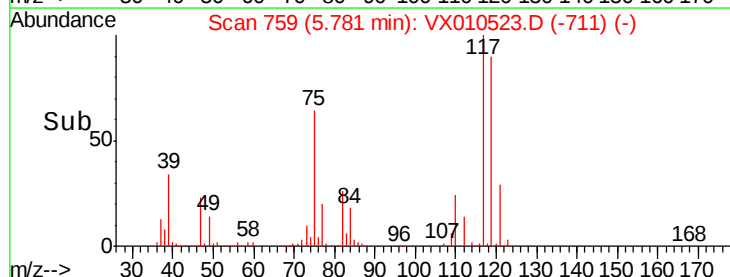
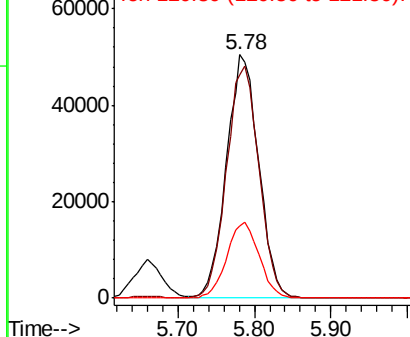


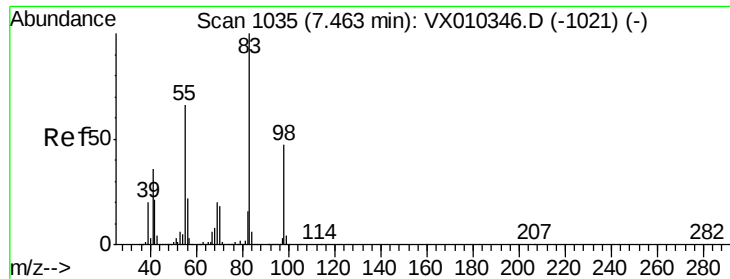
#38
Carbon Tetrachloride
Concen: 47.284 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

Tgt Ion: 117 Resp: 147198
Ion Ratio Lower Upper
117 100
119 91.6 78.2 117.4
121 29.5 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

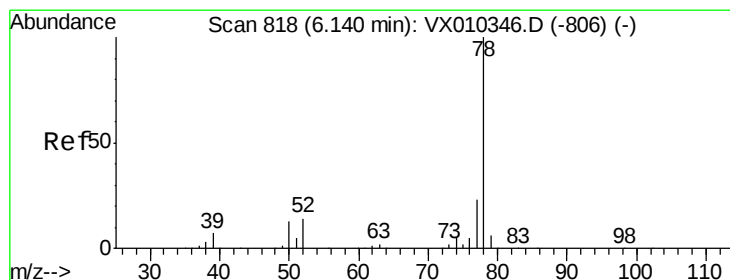
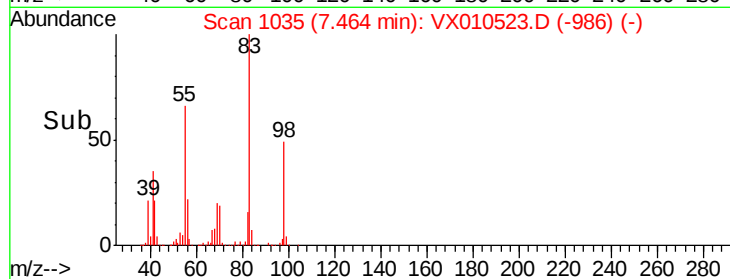
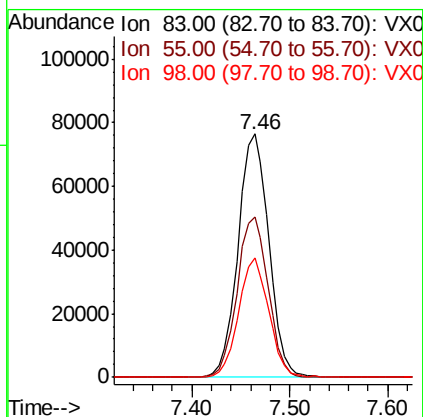
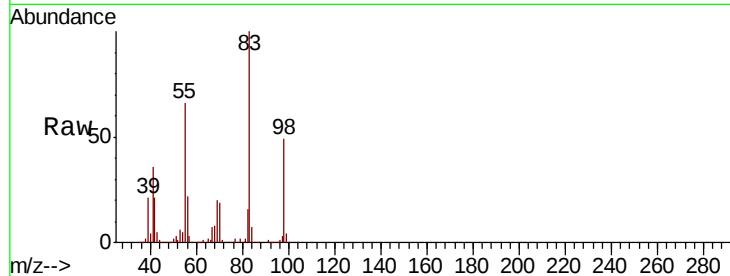




#39
Methvlcvclohexane
Concen: 44.138 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

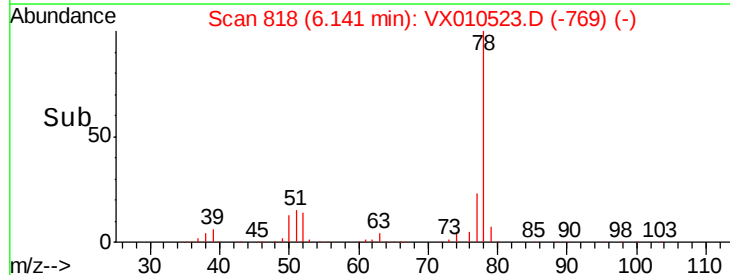
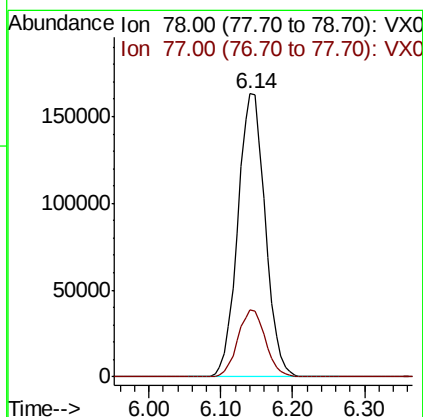
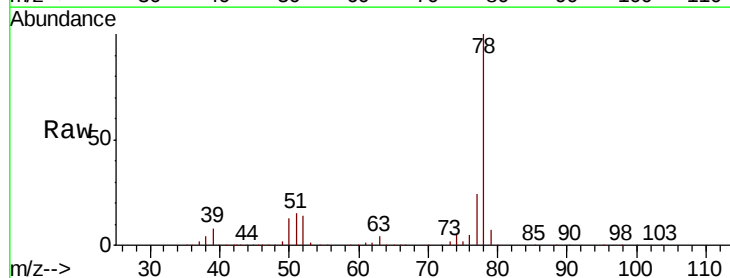
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

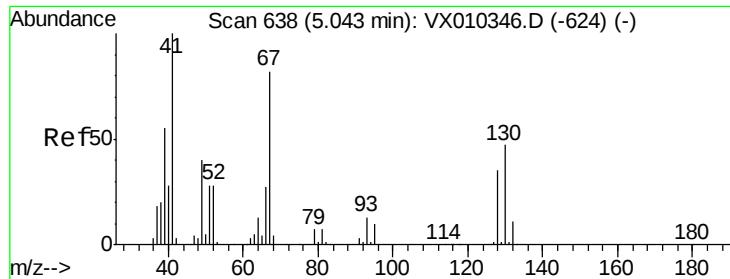
Tot Ion: 83 Resp: 166790
Ion Ratio Lower Upper
83 100
55 65.6 53.0 79.6
98 49.2 37.8 56.8



#40
Benzene
Concen: 48.189 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

Tgt Ion: 78 Resp: 431603
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0





#41

Methacrylonitrile

Concen: 50.911 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 82614

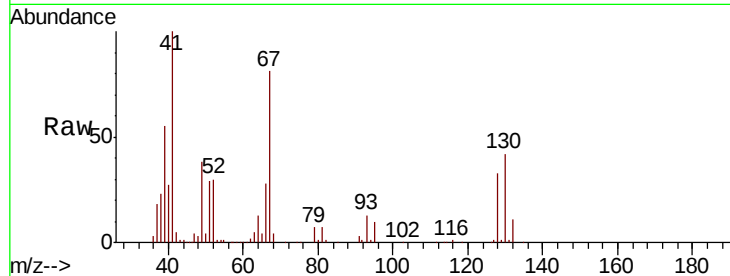
Ion Ratio Lower Upper

41 100

39 53.9 43.8 65.8

67 82.1 66.6 100.0

52 31.3 24.5 36.7

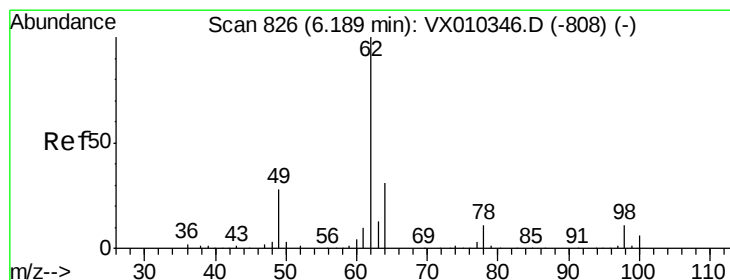
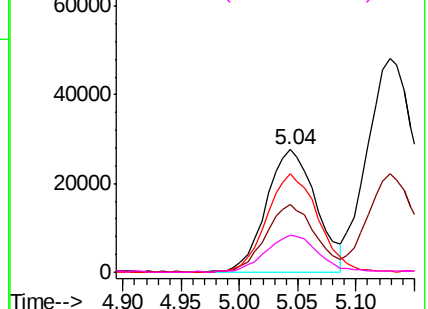
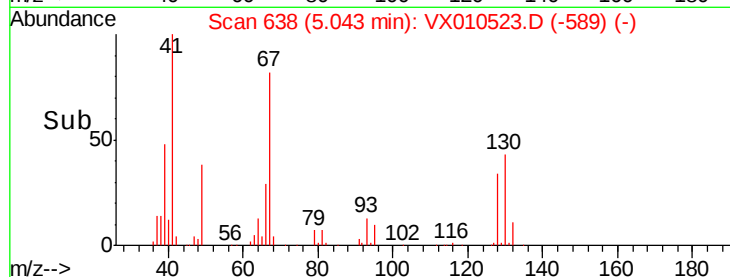


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 51.183 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010523.D

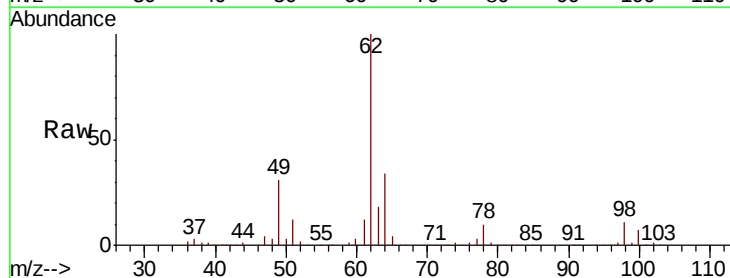
Acq: 28 Jun 2019 06:31

Tgt Ion: 62 Resp: 139542

Ion Ratio Lower Upper

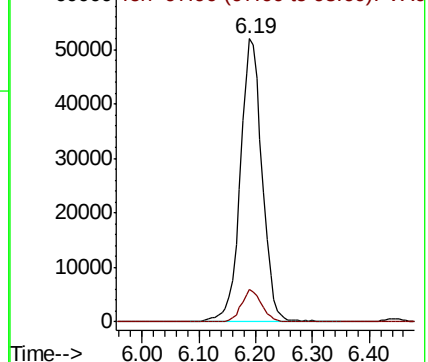
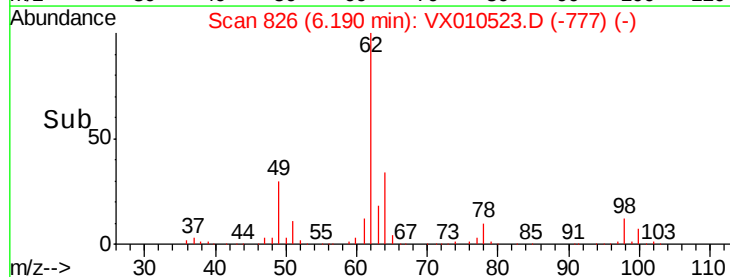
62 100

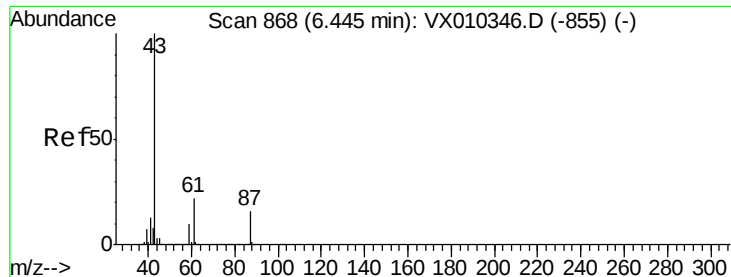
98 10.6 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



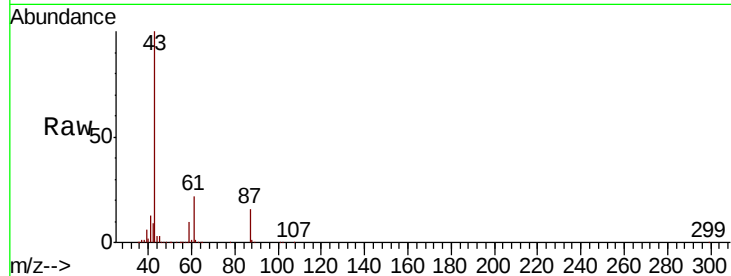


#43

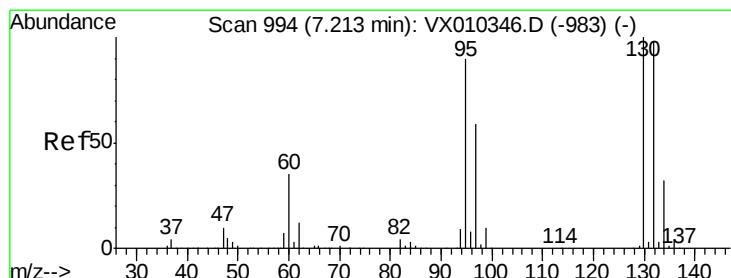
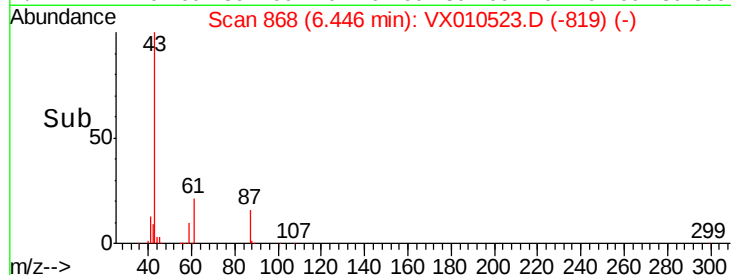
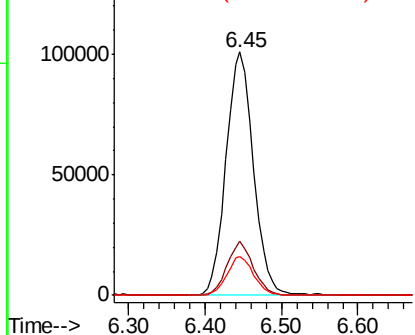
Isopropyl Acetate
 Concen: 50.969 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010523.D
 Acq: 28 Jun 2019 06:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 249395
 Ion Ratio Lower Upper
 43 100
 61 21.2 17.8 26.6
 87 15.6 13.0 19.4



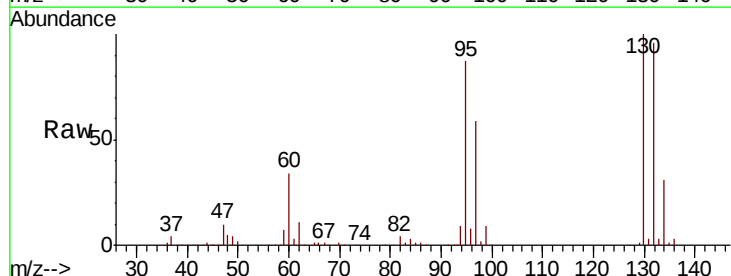
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



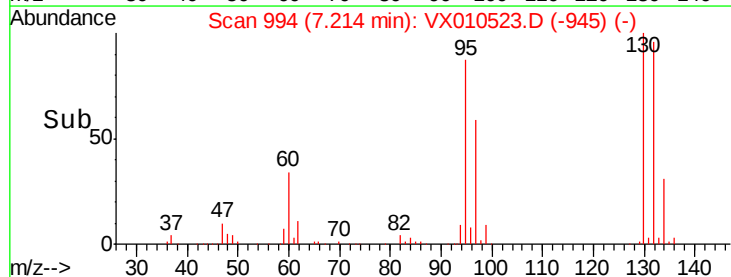
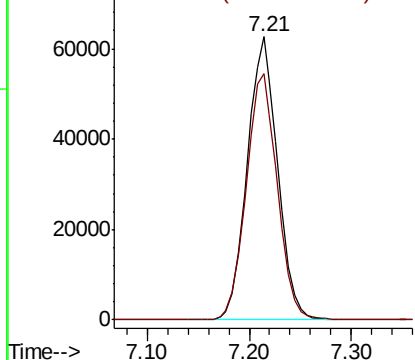
#44

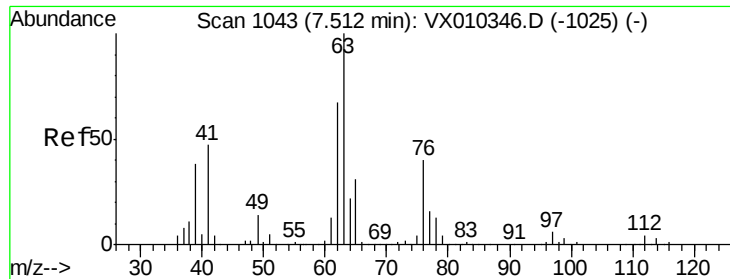
Trichloroethene
 Concen: 48.368 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010523.D
 Acq: 28 Jun 2019 06:31

Tgt Ion: 130 Resp: 129626
 Ion Ratio Lower Upper
 130 100
 95 86.8 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.657 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

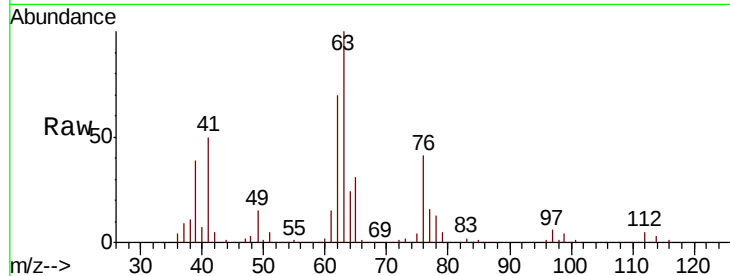
VSTDCCC050EC

Tot Ion: 63 Resp: 107788

Ion Ratio Lower Upper

63 100

65 30.9 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

60000

50000

40000

30000

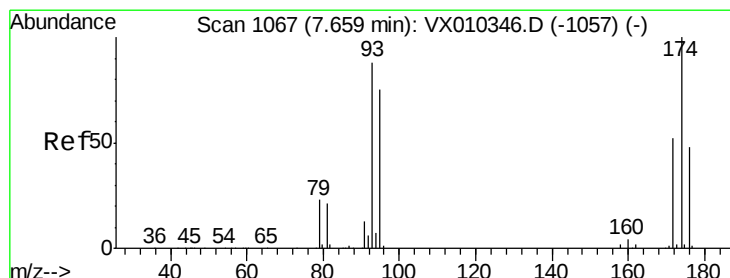
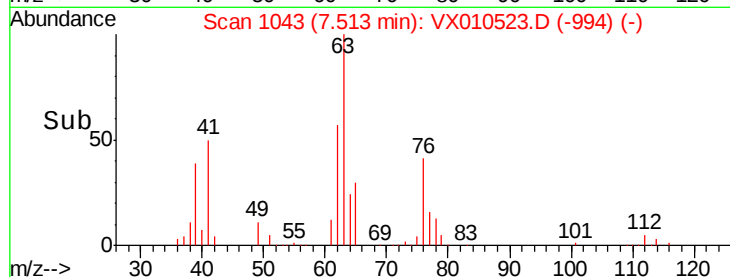
20000

10000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 48.559 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

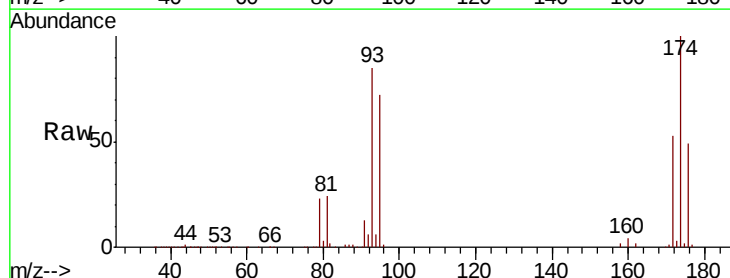
Tgt Ion: 93 Resp: 78799

Ion Ratio Lower Upper

93 100

95 85.5 67.5 101.3

174 121.4 95.8 143.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

60000

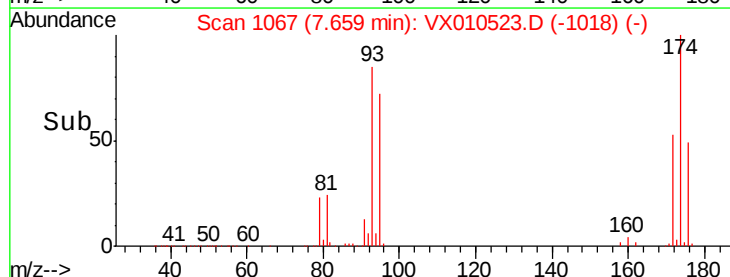
40000

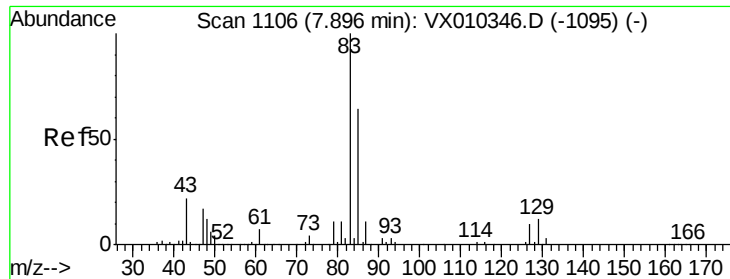
20000

0

Time-->

7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 49.099 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

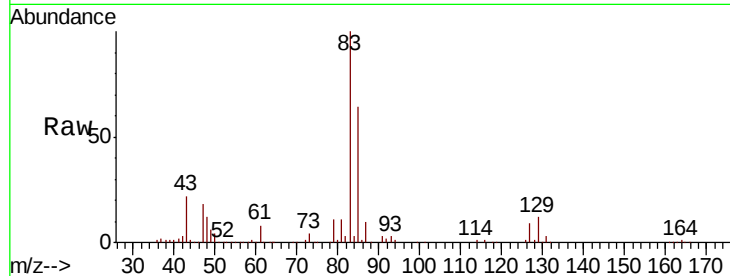
Tot Ion: 83 Resp: 146015

Ion Ratio Lower Upper

83 100

85 64.4 51.5 77.3

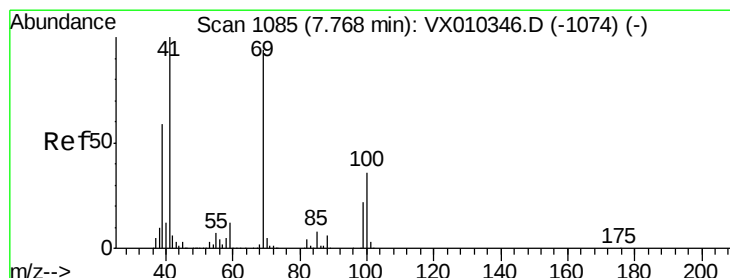
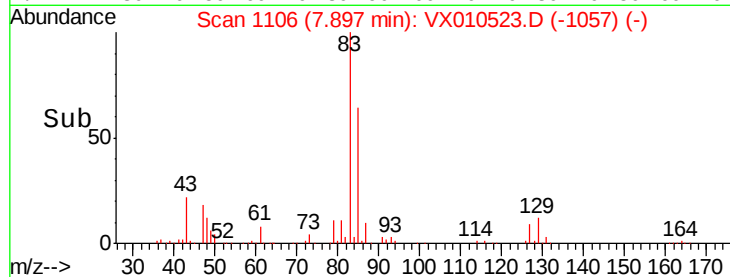
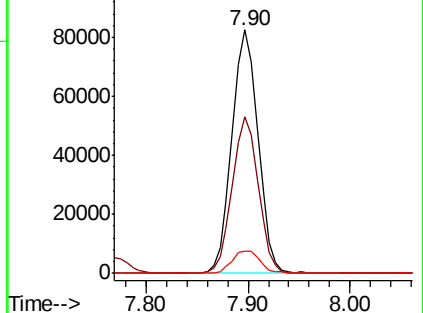
127 9.3 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.357 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

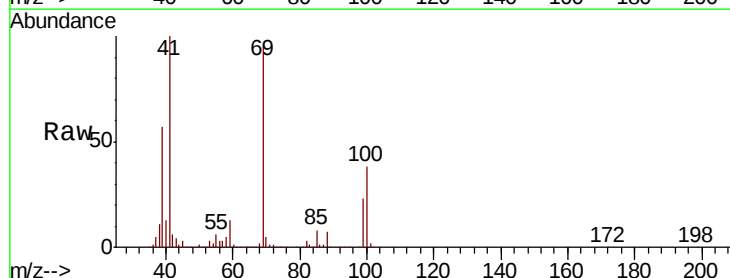
Tgt Ion: 41 Resp: 116807

Ion Ratio Lower Upper

41 100

69 95.3 76.1 114.1

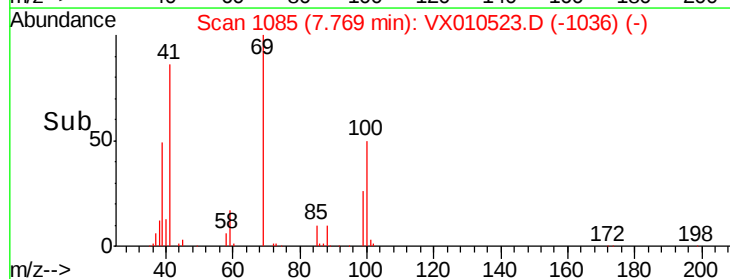
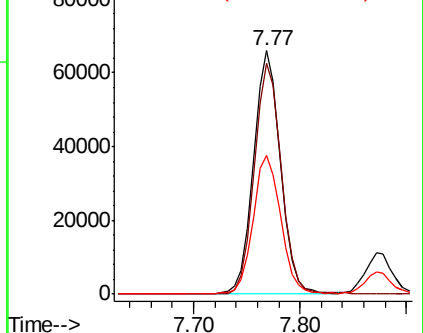
39 58.2 47.6 71.4

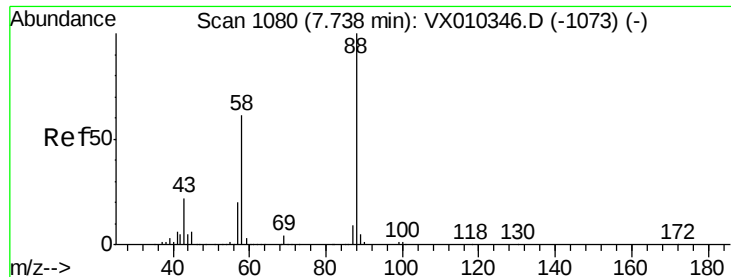


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

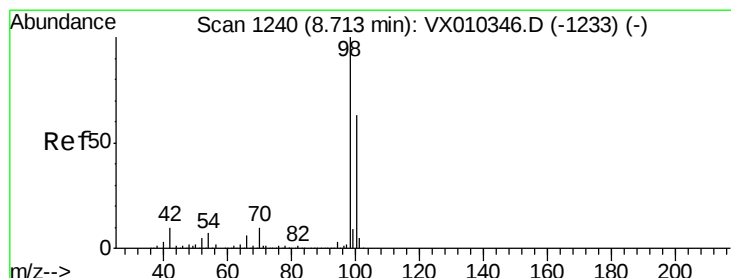
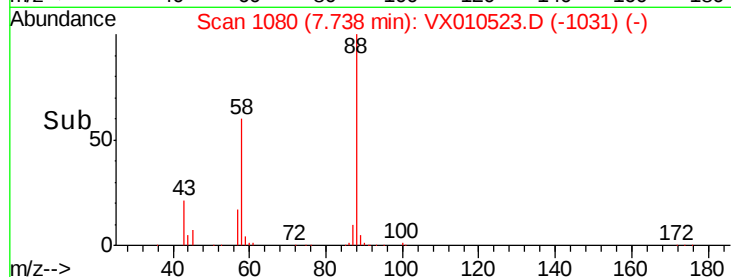
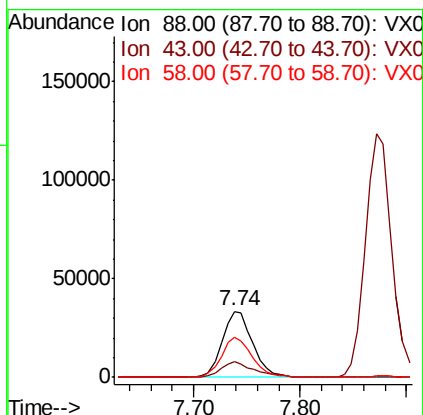
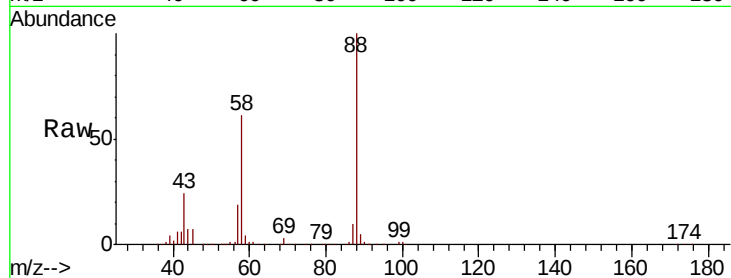




#49
1,4-Dioxane
Concen: 1018.831 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

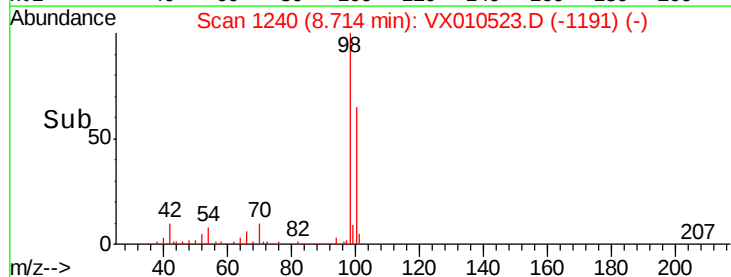
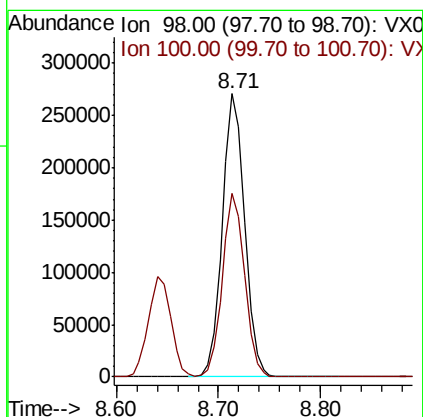
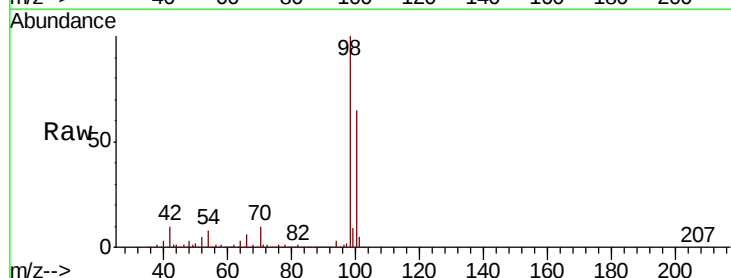
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

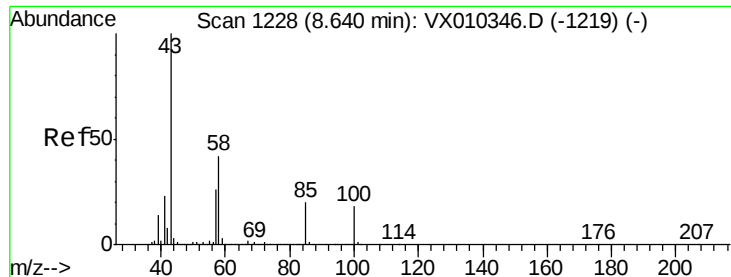
Tot Ion: 88 Resp: 66753
Ion Ratio Lower Upper
88 100
43 25.5 20.2 30.2
58 61.4 49.5 74.3



#50
Toluene-d8
Concen: 48.569 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

Tgt Ion: 98 Resp: 411292
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4

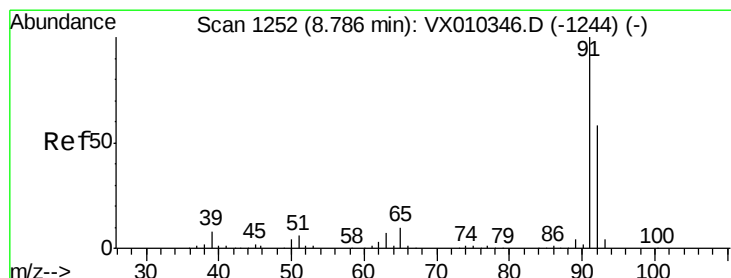
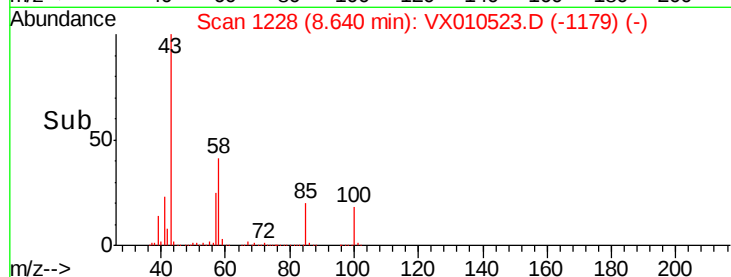
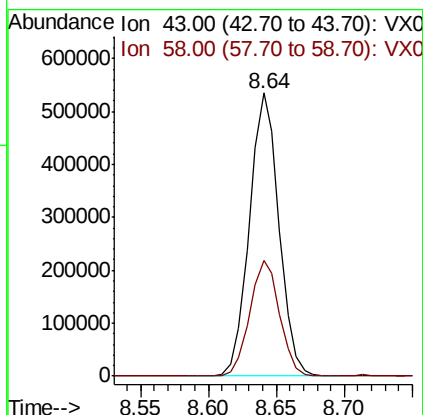
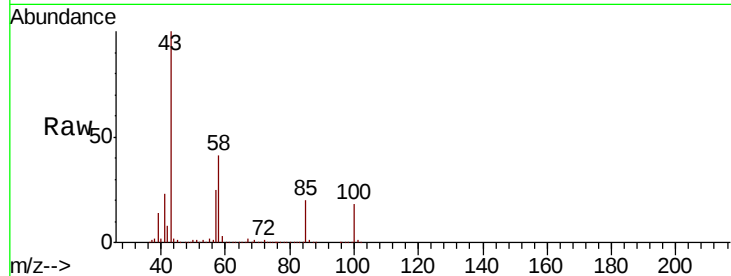




#51
 4-Methyl-2-Pentanone
 Concen: 260.282 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010523.D
 Acq: 28 Jun 2019 06:31

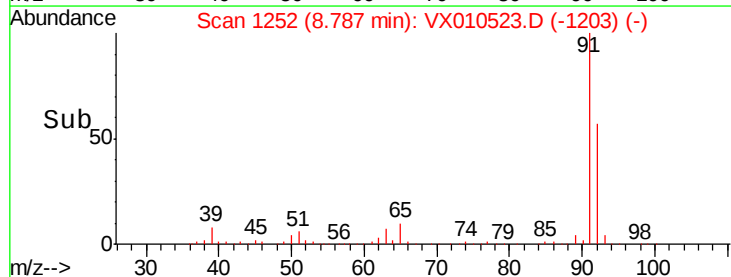
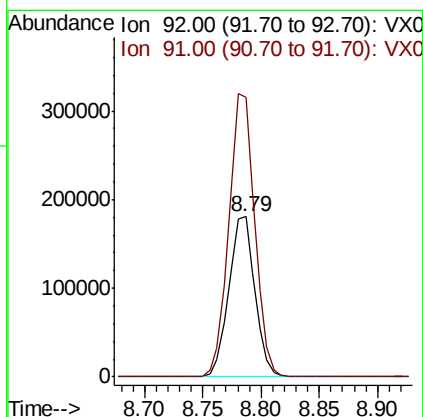
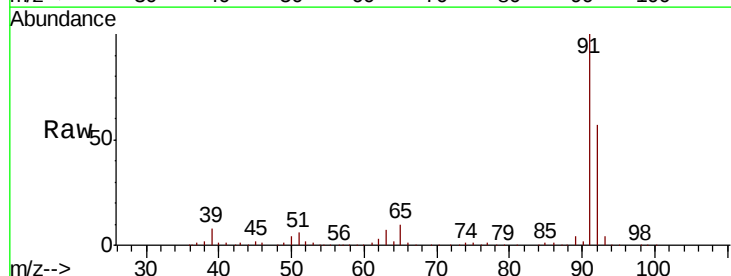
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

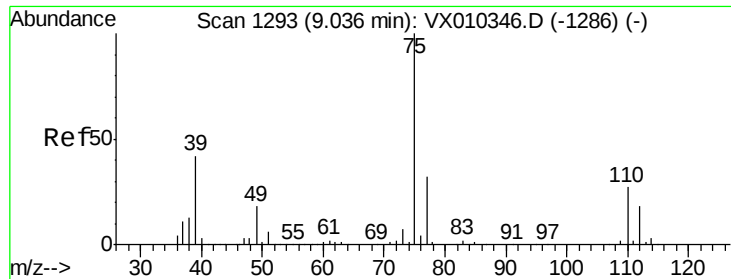
Tot Ion: 43 Resp: 814538
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.5 50.3



#52
 Toluene
 Concen: 47.960 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX010523.D
 Acq: 28 Jun 2019 06:31

Tgt Ion: 92 Resp: 282871
 Ion Ratio Lower Upper
 92 100
 91 175.5 139.8 209.6

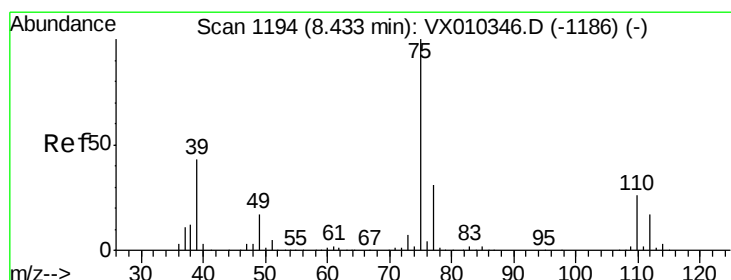
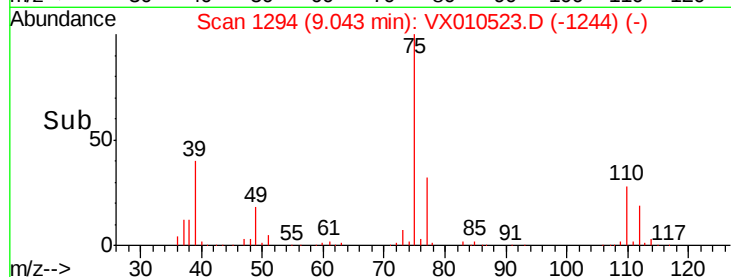
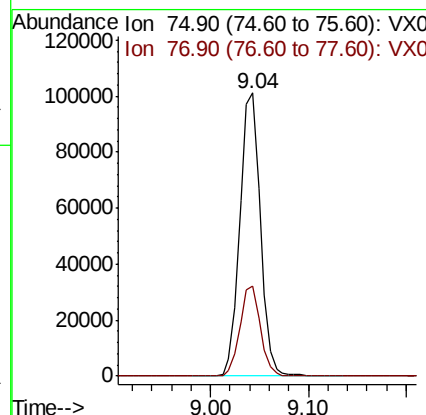
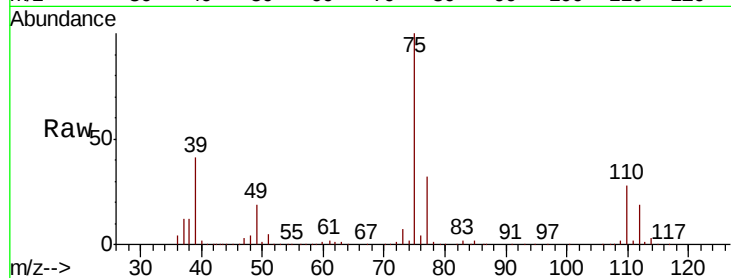




#53
 t-1,3-Dichloropropene
 Concen: 44.328 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010523.D
 Acq: 28 Jun 2019 06:31

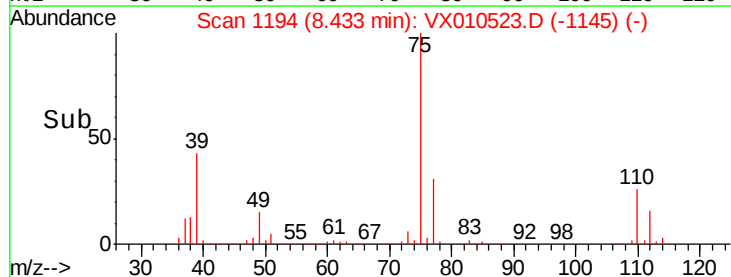
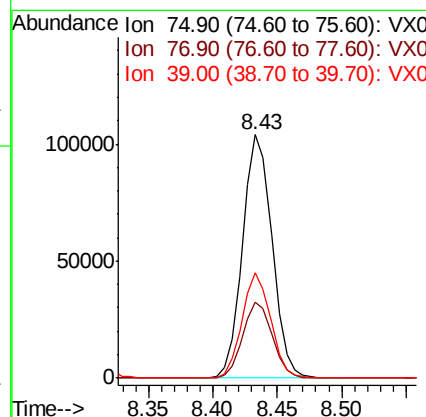
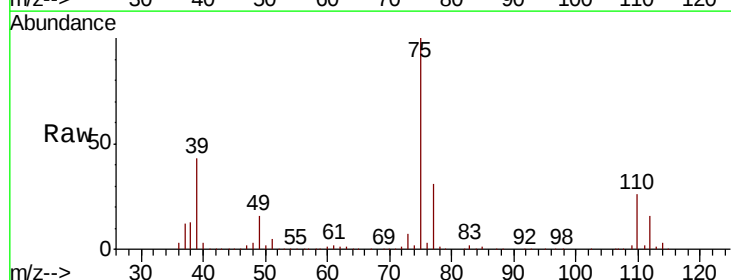
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

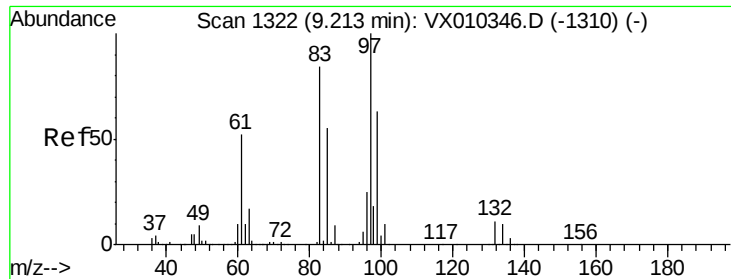
Tot Ion: 75 Resp: 147795
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 45.478 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010523.D
 Acq: 28 Jun 2019 06:31

Tgt Ion: 75 Resp: 164779
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.2 37.8
 39 43.0 34.5 51.7

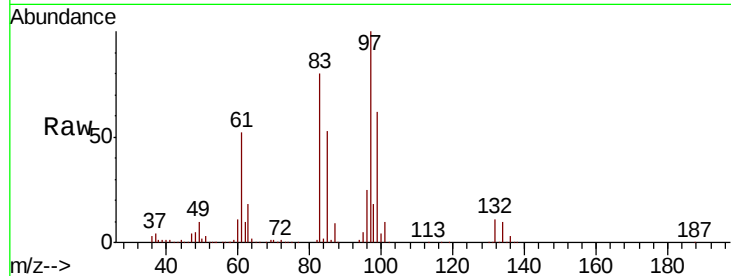




#55
 1,1,2-Trichloroethane
 Concen: 50.371 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010523.D
 Acq: 28 Jun 2019 06:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	122527
Ion	Ratio	Lower	Upper
97	100		
83	80.0	67.4	101.0
85	53.0	43.8	65.8
99	62.0	50.3	75.5



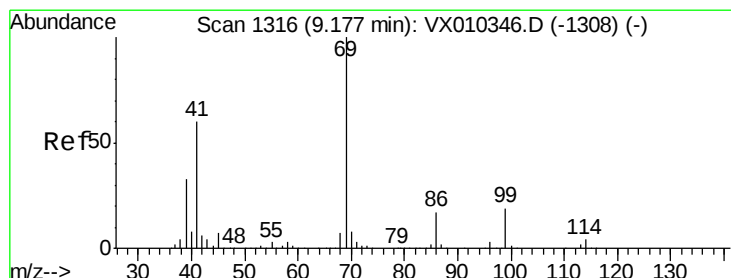
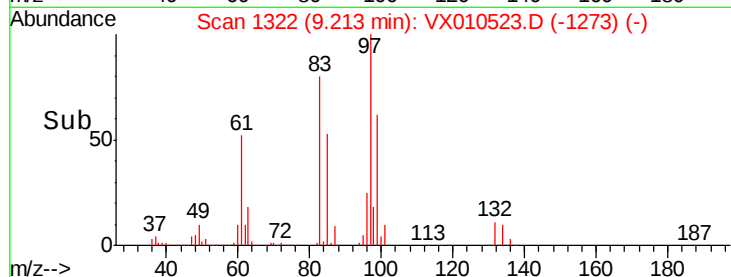
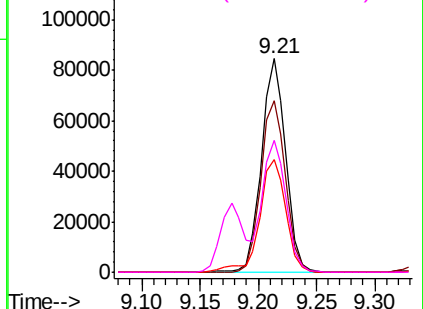
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

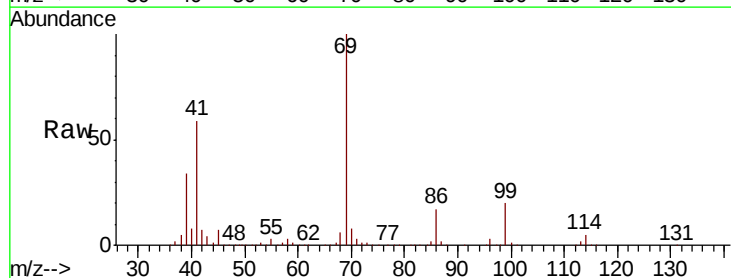
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 50.368 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010523.D
 Acq: 28 Jun 2019 06:31

Tgt Ion:	69	Resp:	185603
Ion	Ratio	Lower	Upper
69	100		
41	59.3	47.1	70.7
39	34.6	26.6	40.0

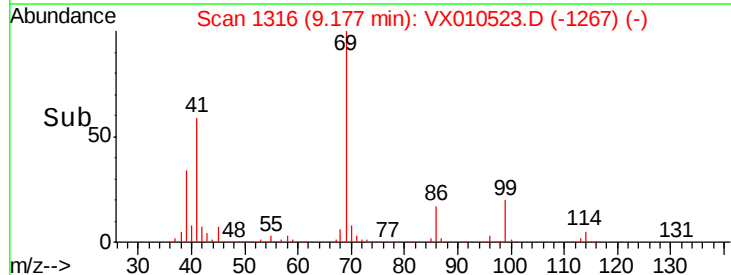
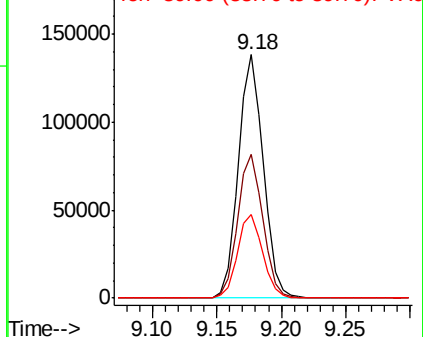


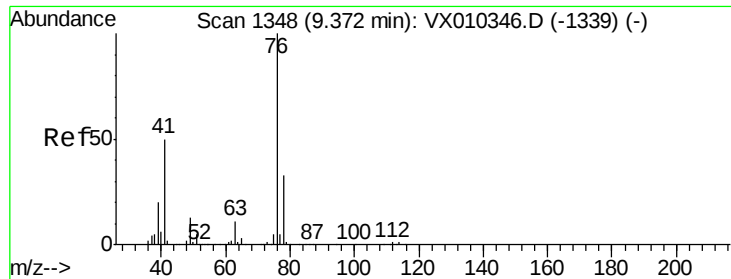
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.174 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

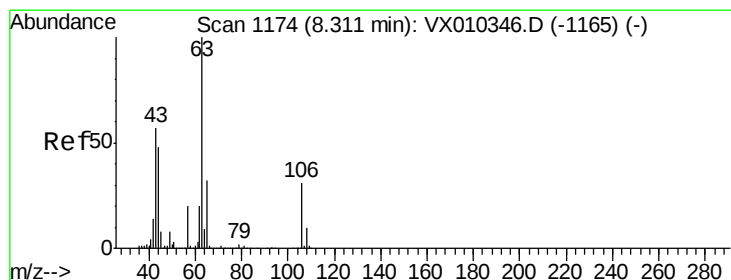
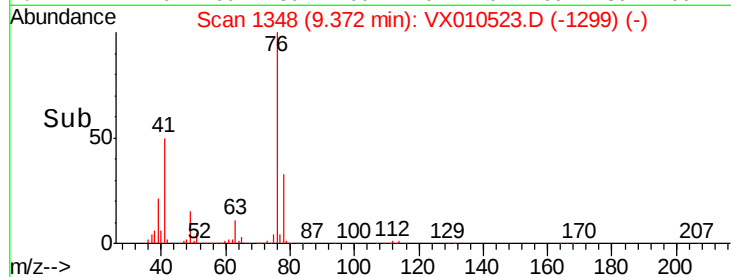
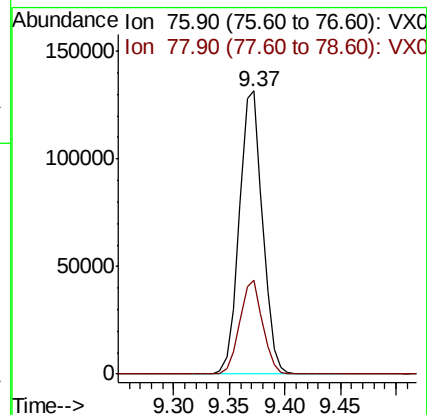
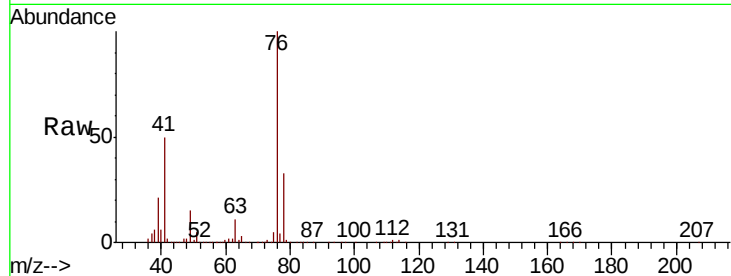
VSTDCCC050EC

Tot Ion: 76 Resp: 189455

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 260.998 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010523.D

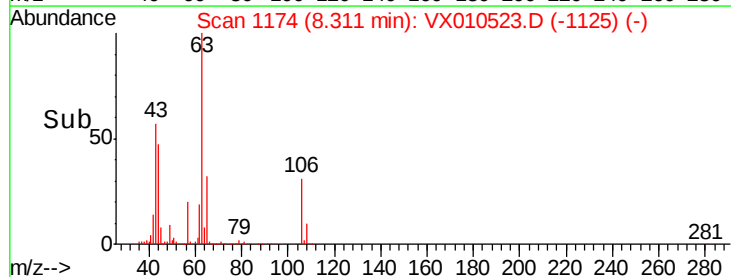
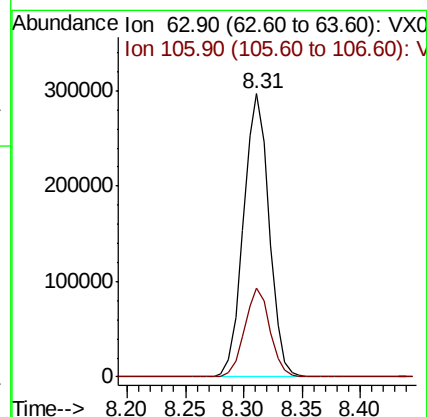
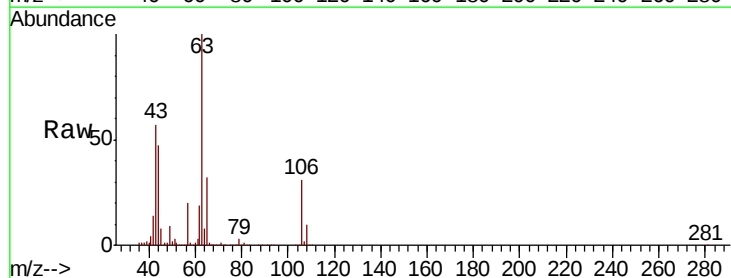
Acq: 28 Jun 2019 06:31

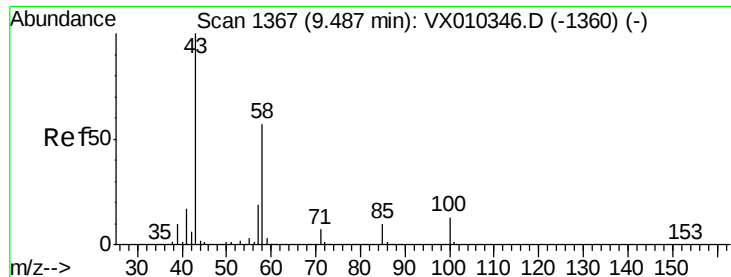
Tgt Ion: 63 Resp: 456764

Ion Ratio Lower Upper

63 100

106 30.9 24.7 37.1

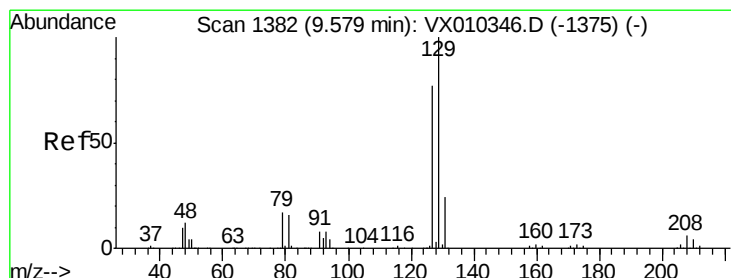
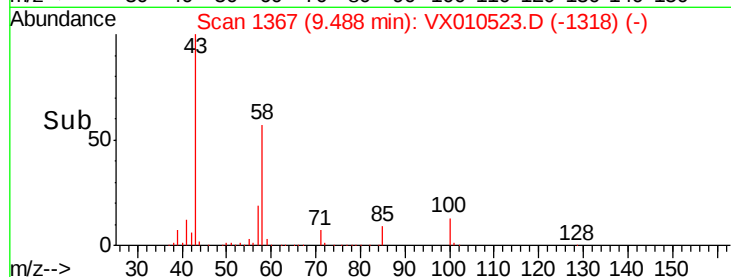
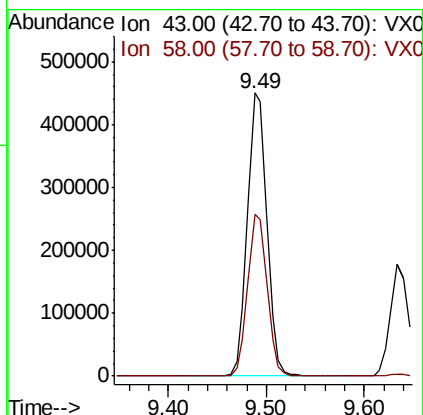
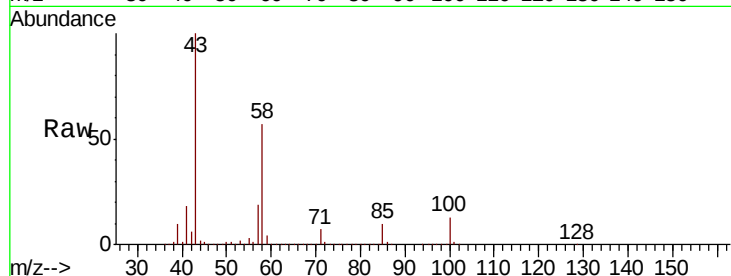




#59
2-Hexanone
Concen: 252.908 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

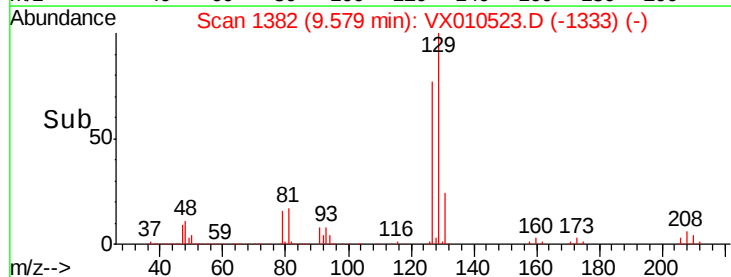
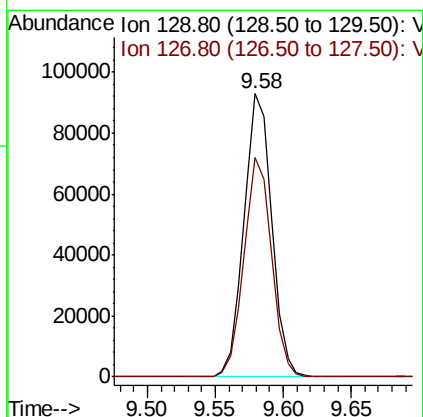
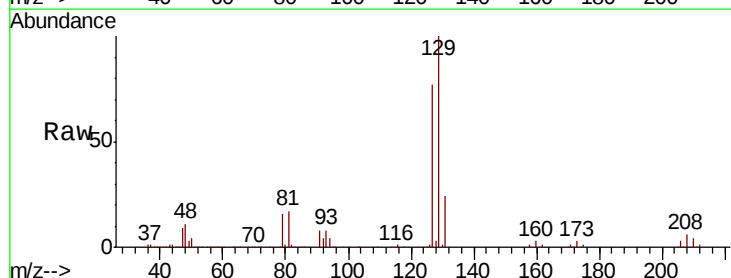
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

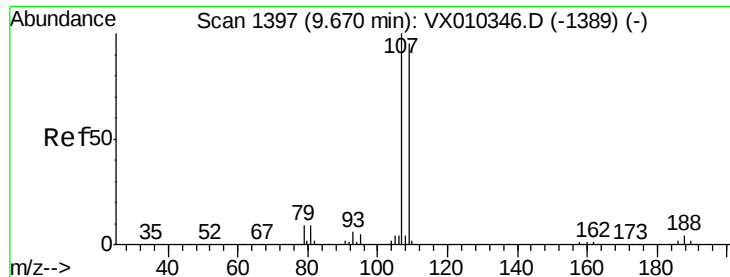
Tot Ion: 43 Resp: 622909
Ion Ratio Lower Upper
43 100
58 57.3 29.0 87.1



#60
Dibromochloromethane
Concen: 48.866 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

Tgt Ion: 129 Resp: 133092
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.318 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

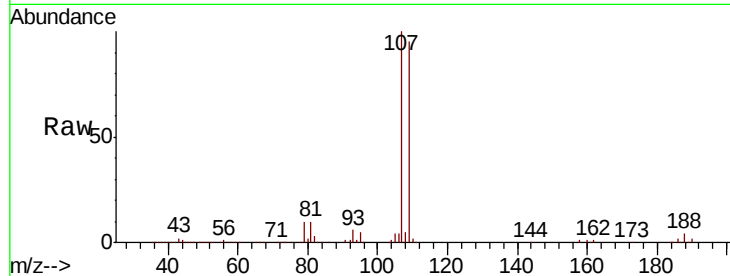
VSTDCCC050EC

Tot Ion:107 Resp: 132114

Ion Ratio Lower Upper

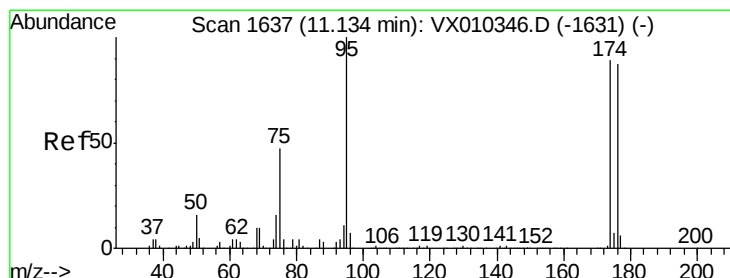
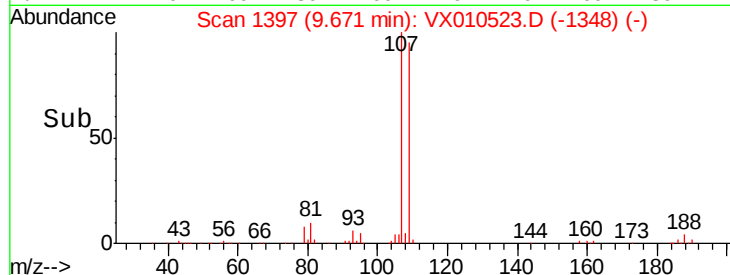
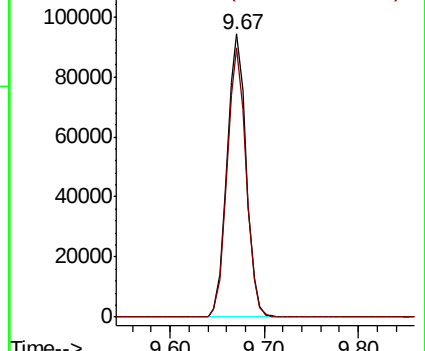
107 100

109 94.5 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.104 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

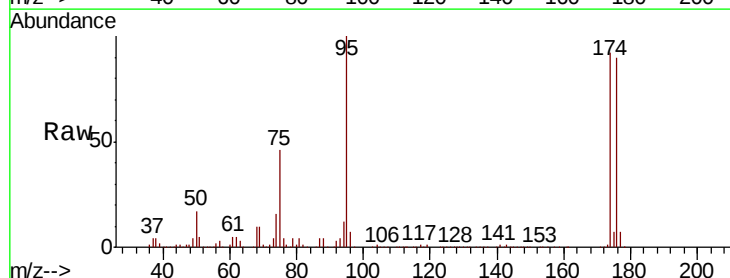
Tgt Ion: 95 Resp: 150123

Ion Ratio Lower Upper

95 100

174 96.3 0.0 187.6

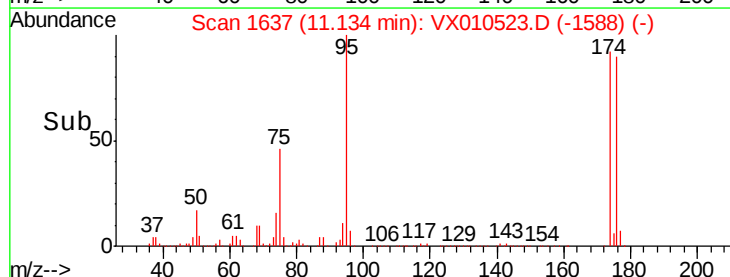
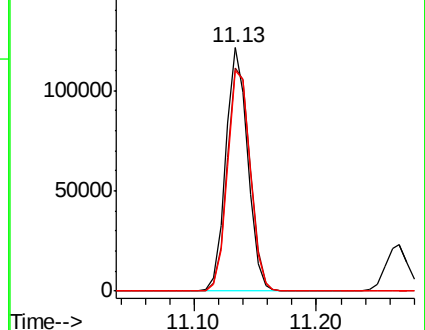
176 93.9 0.0 184.0

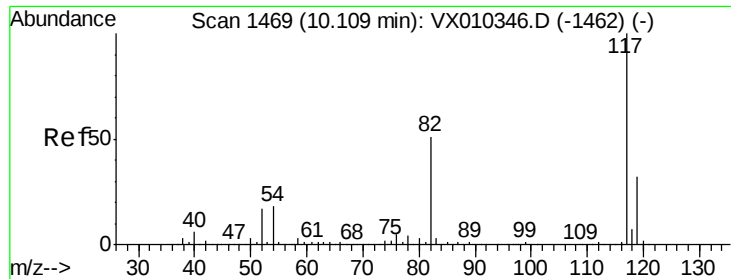


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

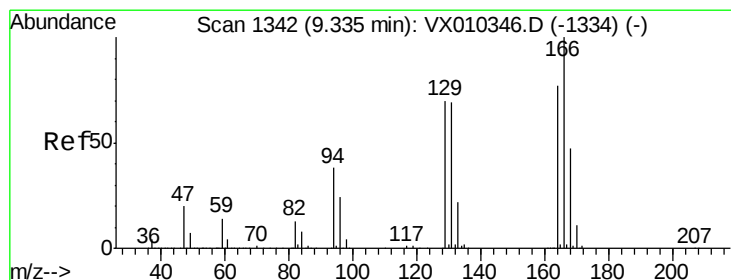
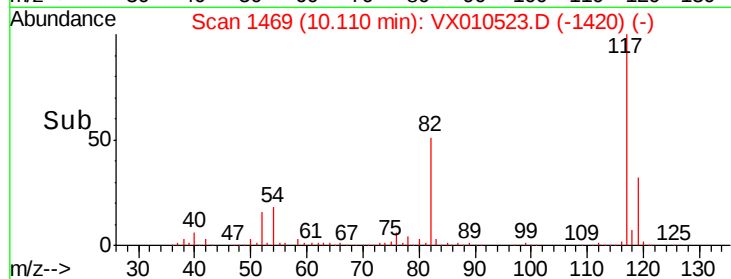
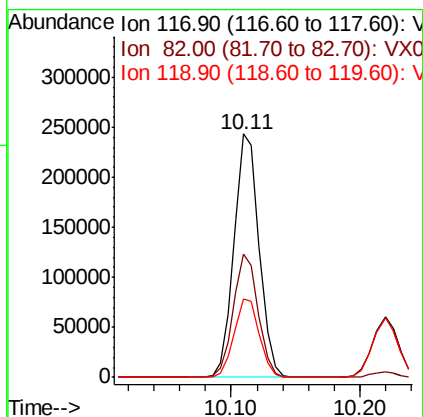
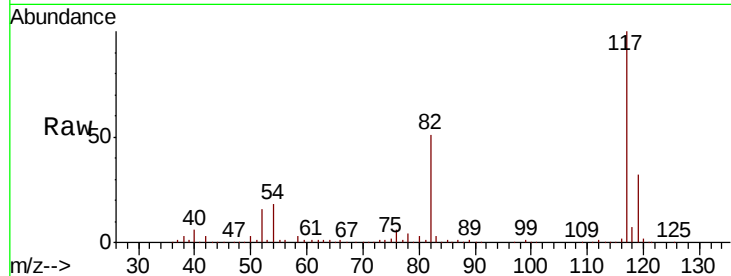




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

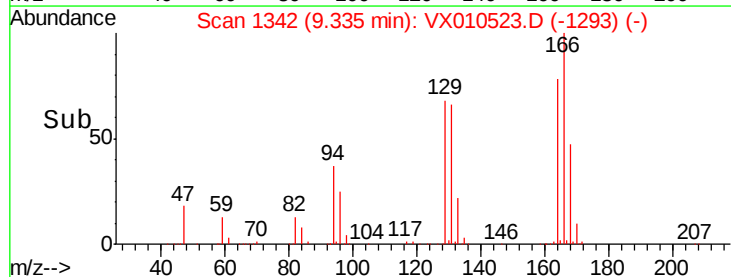
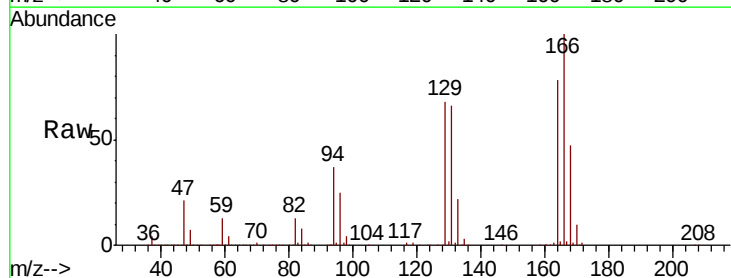
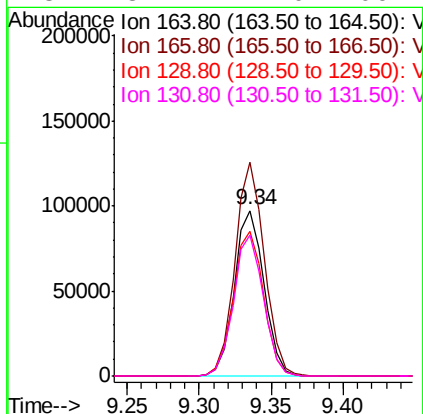
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

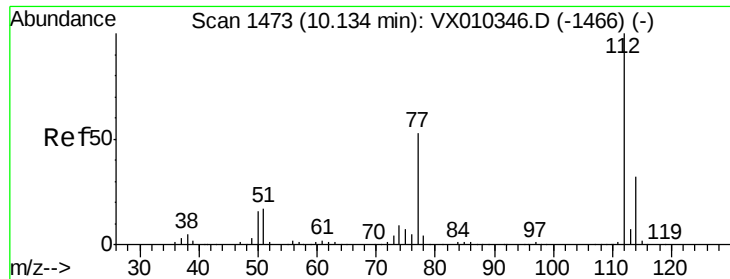
Tot Ion:117 Resp: 331207
Ion Ratio Lower Upper
117 100
82 50.7 41.2 61.8
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 52.288 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

Tgt Ion:164 Resp: 140074
Ion Ratio Lower Upper
164 100
166 128.9 103.6 155.4
129 87.6 73.0 109.4
131 84.7 71.0 106.4

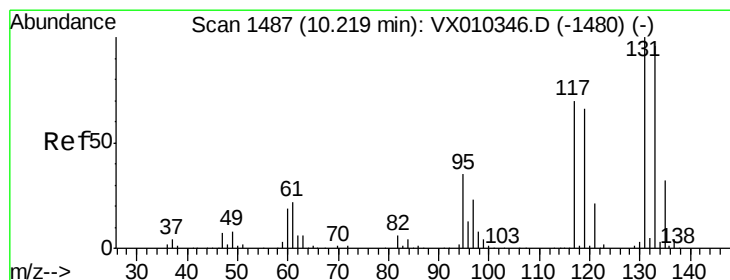
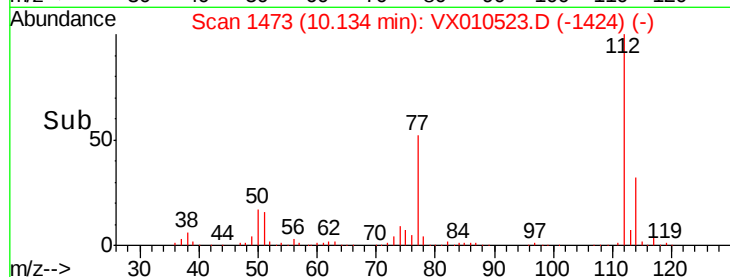
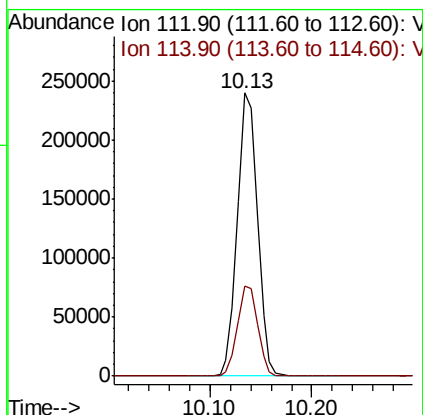
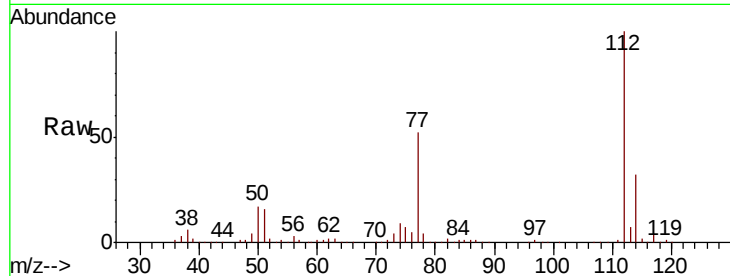




#65
Chlorobenzene
Concen: 48.556 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

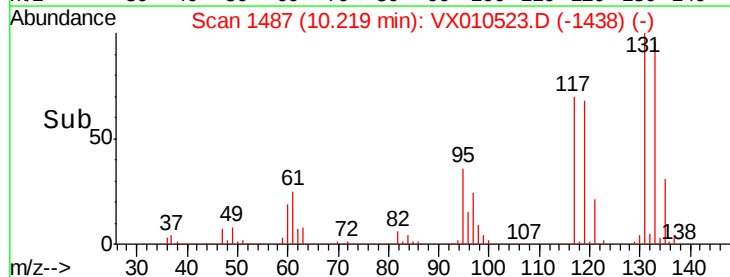
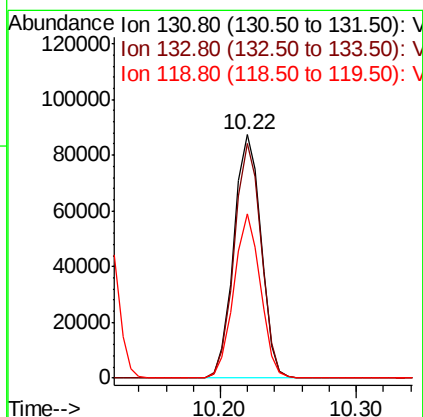
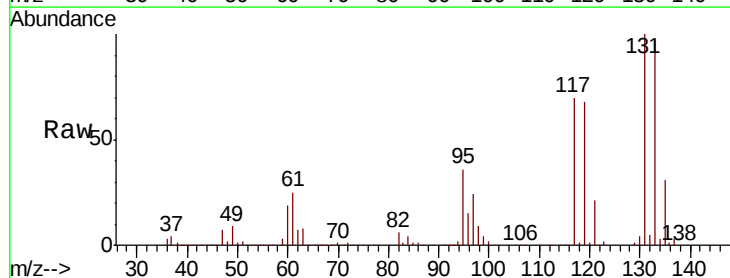
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

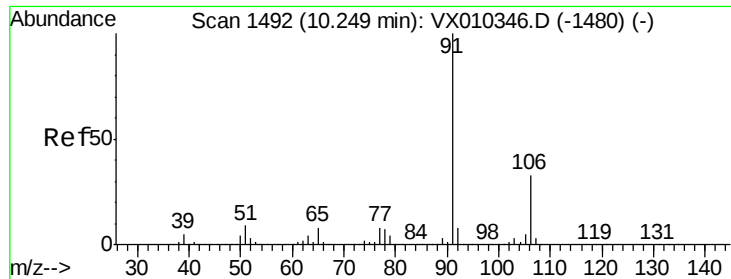
Tot Ion:112 Resp: 326496
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.706 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

Tgt Ion:131 Resp: 121744
Ion Ratio Lower Upper
131 100
133 95.8 47.7 143.1
119 66.0 32.6 97.7

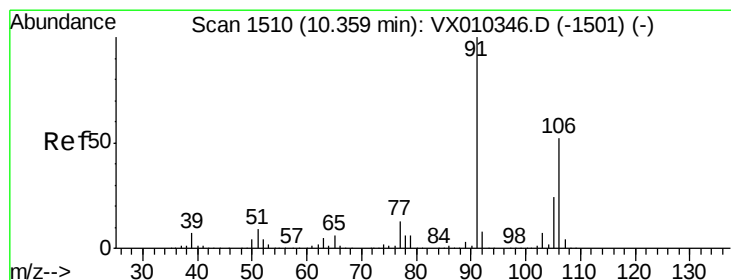
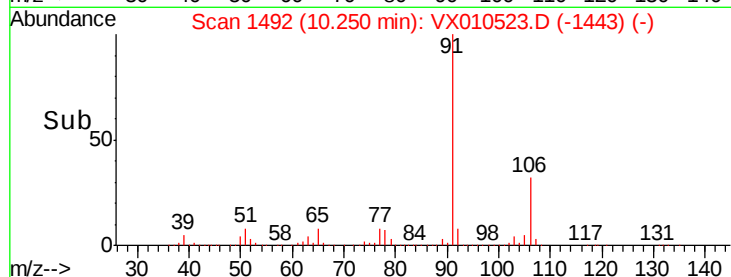
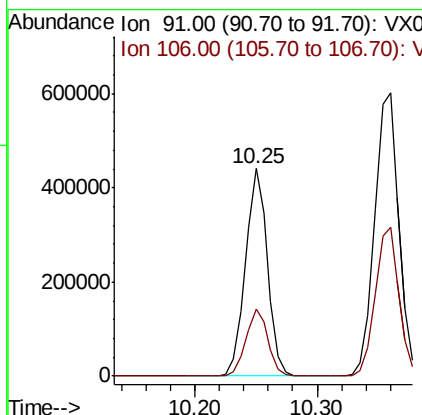
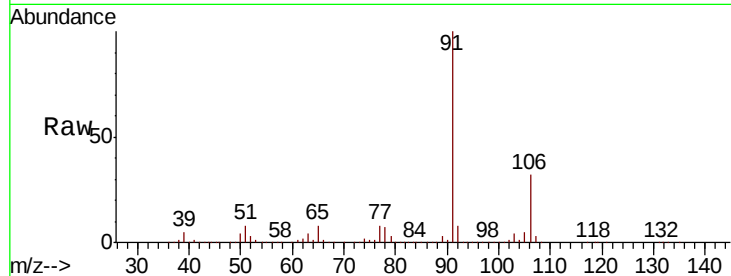




#67
Ethyl Benzene
Concen: 48.203 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

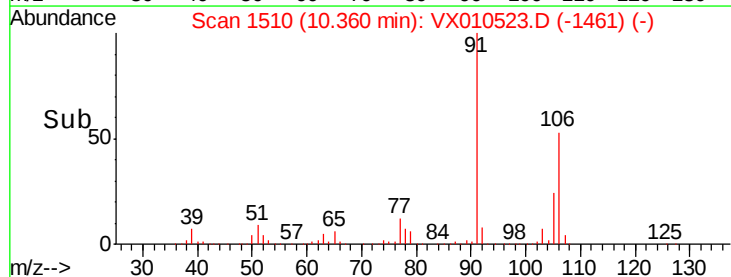
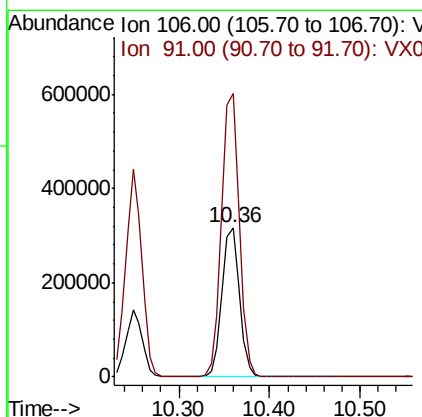
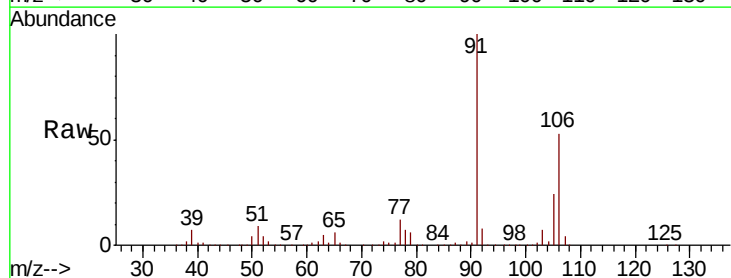
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

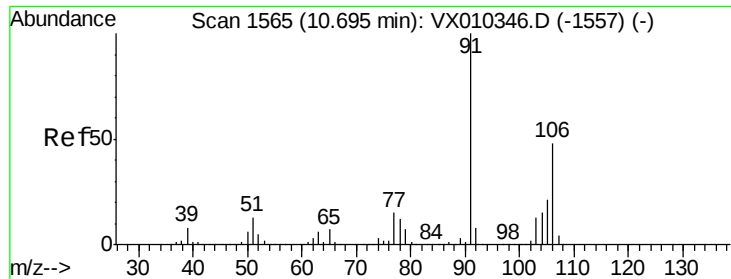
Tot Ion: 91 Resp: 547190
Ion Ratio Lower Upper
91 100
106 32.1 26.2 39.2



#68
m/p-Xylenes
Concen: 97.459 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

Tgt Ion: 106 Resp: 428677
Ion Ratio Lower Upper
106 100
91 193.2 155.3 232.9

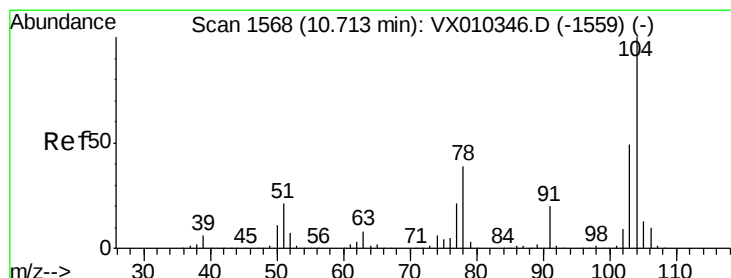
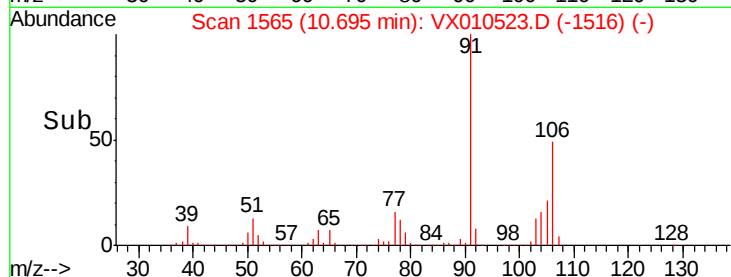
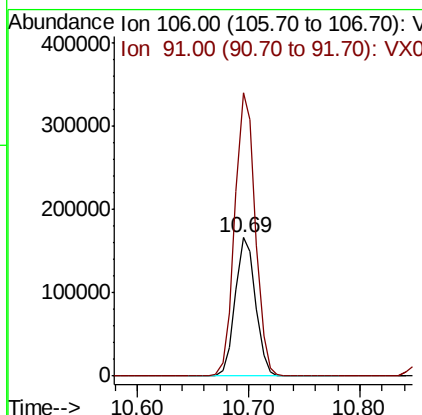
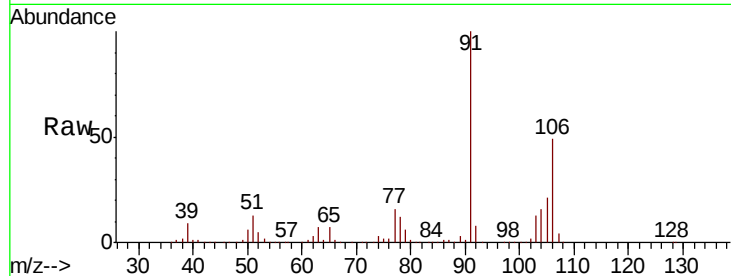




#69
o-Xylene
Concen: 48.843 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

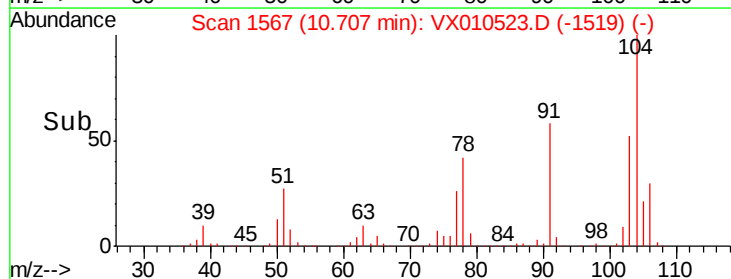
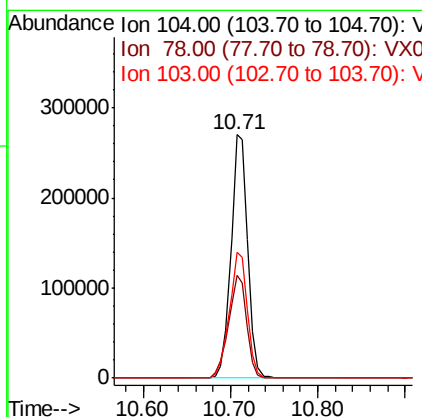
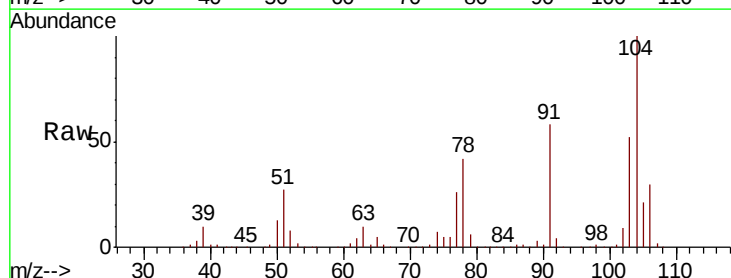
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

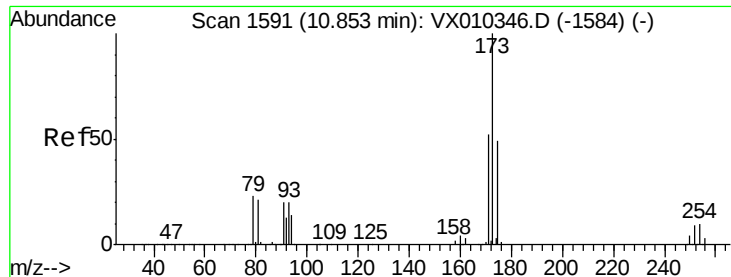
Tot Ion:106 Resp: 211275
Ion Ratio Lower Upper
106 100
91 205.1 102.7 308.1



#70
Styrene
Concen: 49.665 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

Tgt Ion:104 Resp: 360280
Ion Ratio Lower Upper
104 100
78 45.3 36.2 54.2
103 55.6 44.2 66.4





#71

Bromoform

Concen: 49.283 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

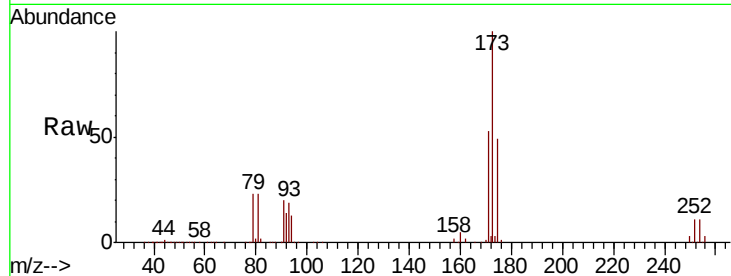
Tot Ion:173 Resp: 104971

Ion Ratio Lower Upper

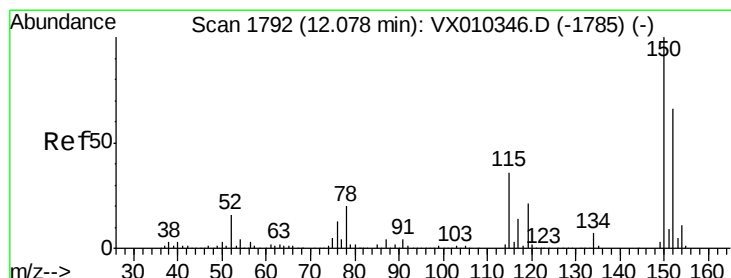
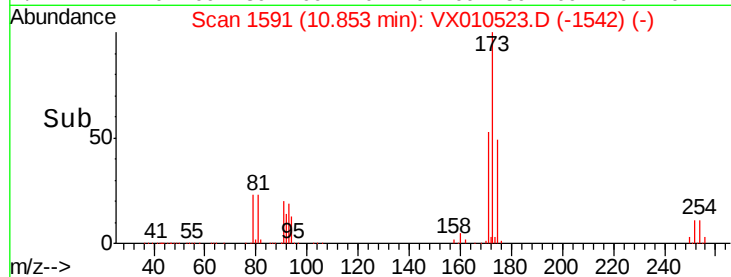
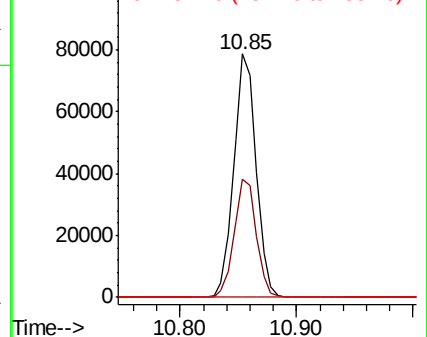
173 100

175 48.4 24.1 72.3

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

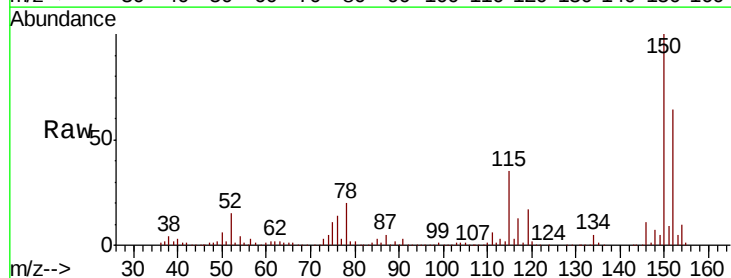
Tgt Ion:152 Resp: 171411

Ion Ratio Lower Upper

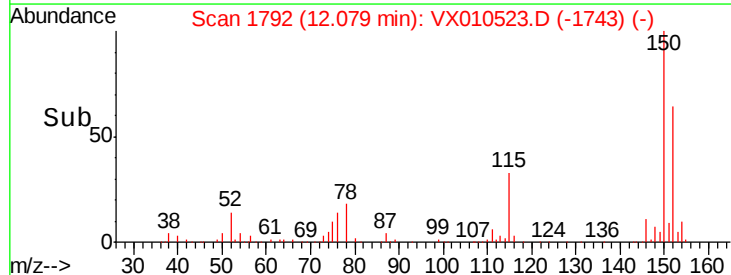
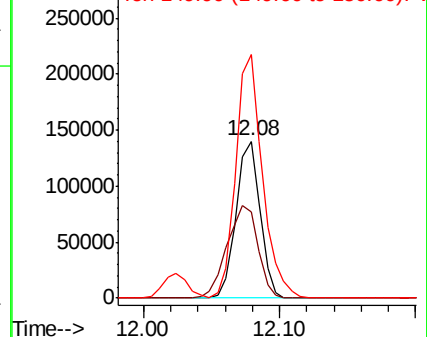
152 100

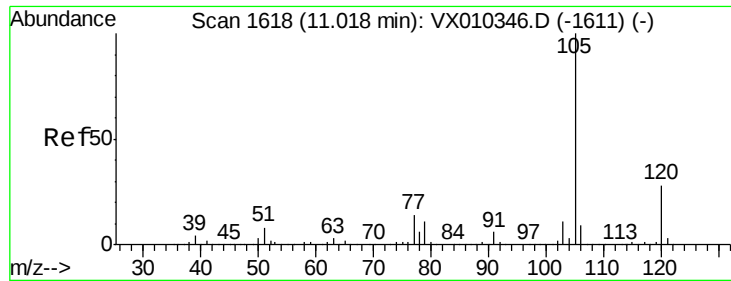
115 75.7 38.6 115.7

150 172.8 0.0 347.4



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

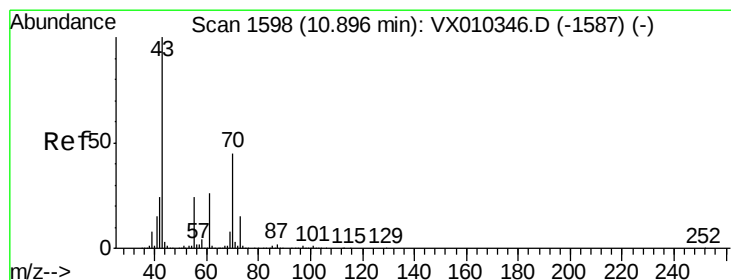
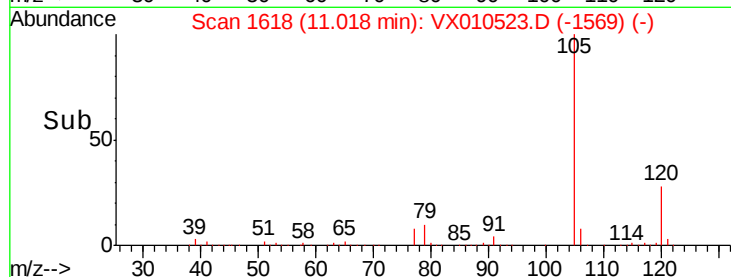
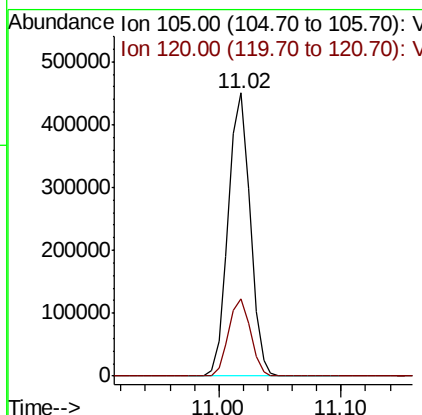
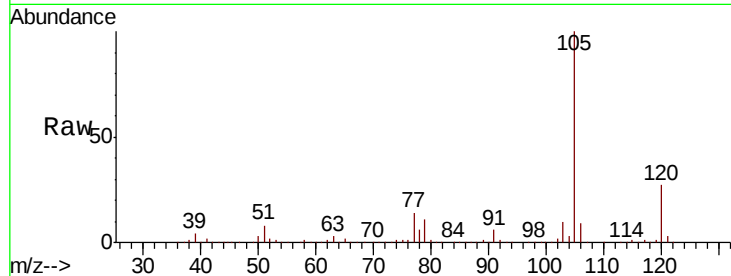




#73
Isopropylbenzene
Concen: 47.948 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

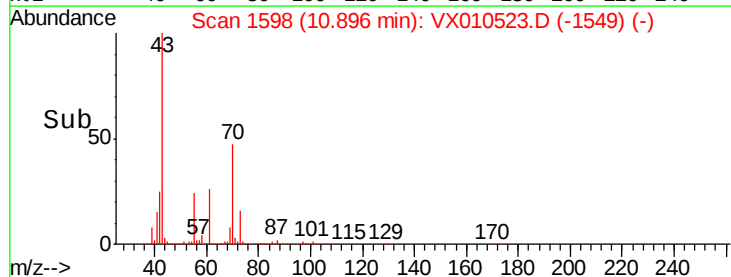
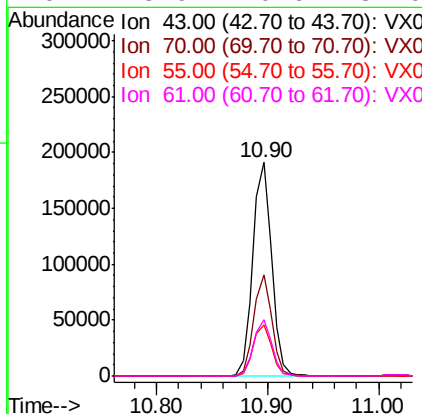
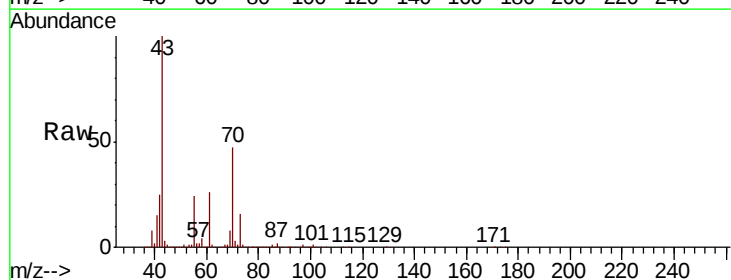
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

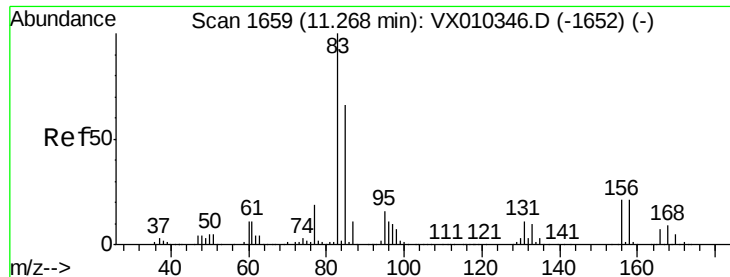
Tot Ion: 105 Resp: 557129
Ion Ratio Lower Upper
105 100
120 27.7 14.1 42.4



#74
N-ethyl acetate
Concen: 51.114 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010523.D
Acq: 28 Jun 2019 06:31

Tgt Ion: 43 Resp: 224458
Ion Ratio Lower Upper
43 100
70 46.0 36.6 54.8
55 24.0 18.7 28.1
61 25.9 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.828 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

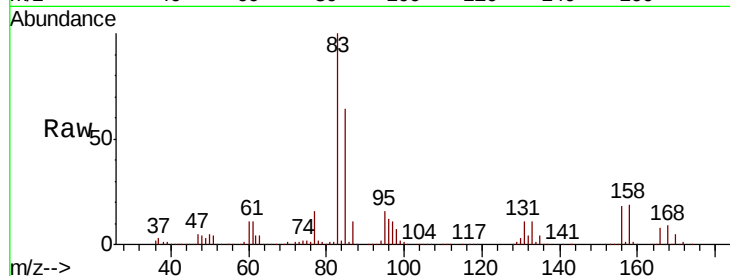
Tot Ion: 83 Resp: 187894

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

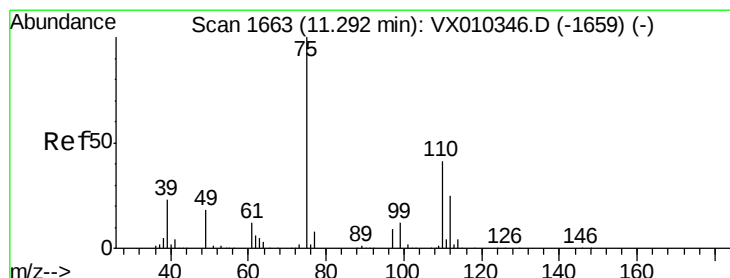
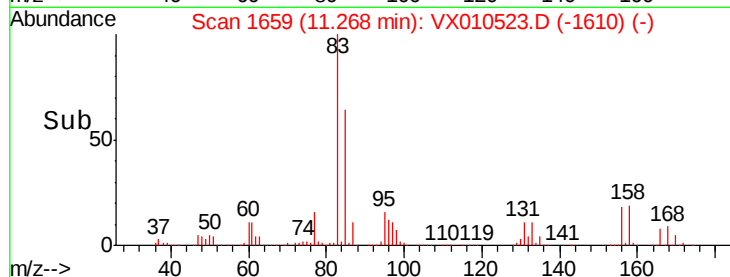
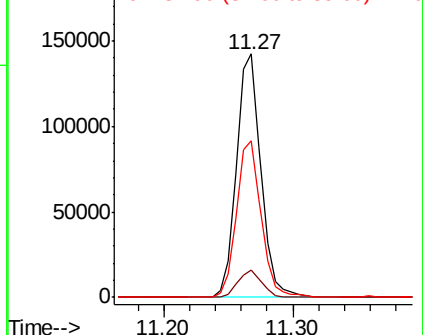
85 64.7 32.3 96.8



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: 63.622 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010523.D

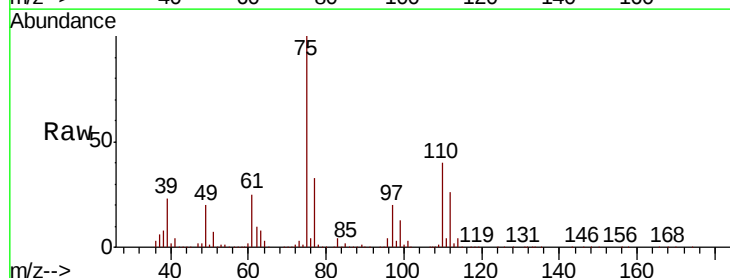
Acq: 28 Jun 2019 06:31

Tgt Ion: 75 Resp: 198726

Ion Ratio Lower Upper

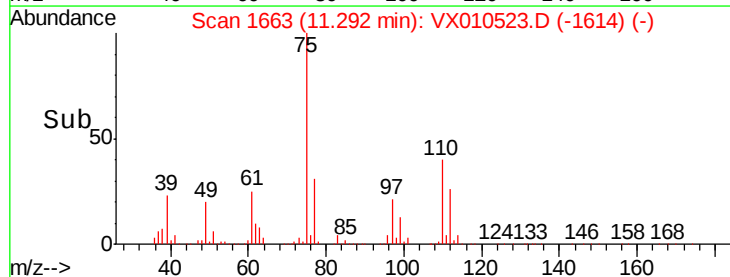
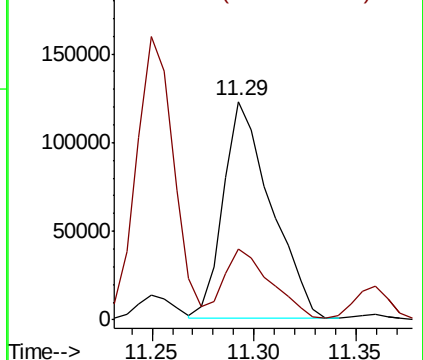
75 100

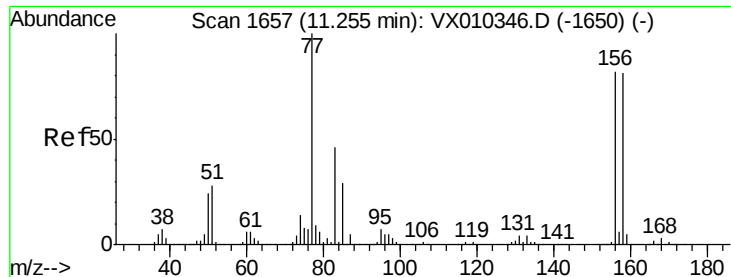
77 32.8 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.544 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

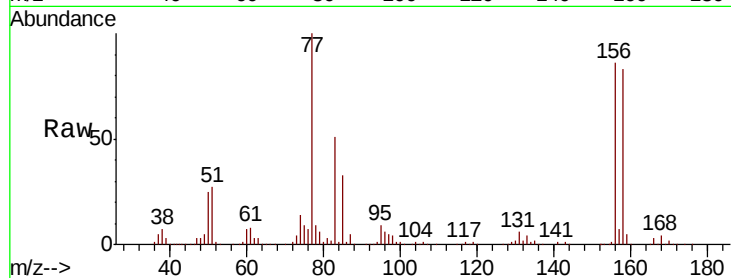
Tot Ion:156 Resp: 157500

Ion Ratio Lower Upper

156 100

77 129.2 66.3 198.7

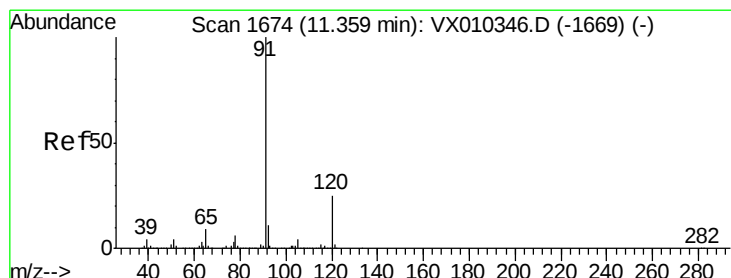
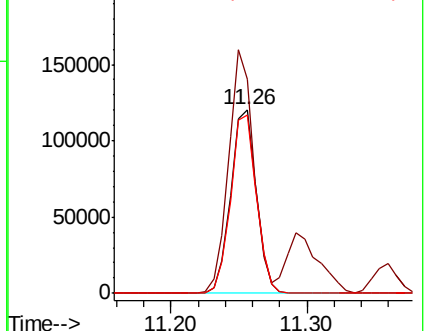
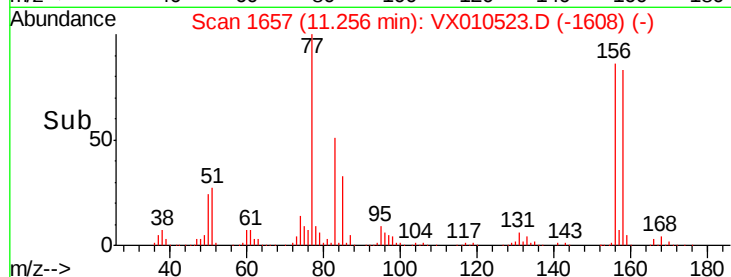
158 98.0 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.194 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010523.D

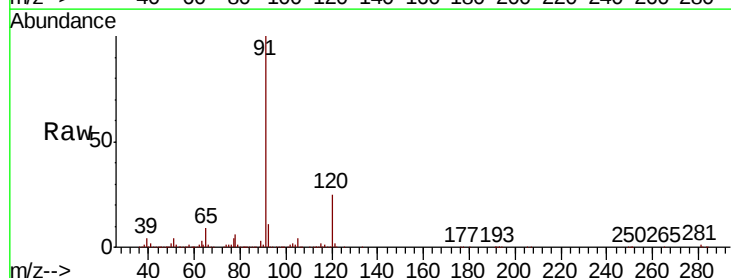
Acq: 28 Jun 2019 06:31

Tgt Ion: 91 Resp: 615458

Ion Ratio Lower Upper

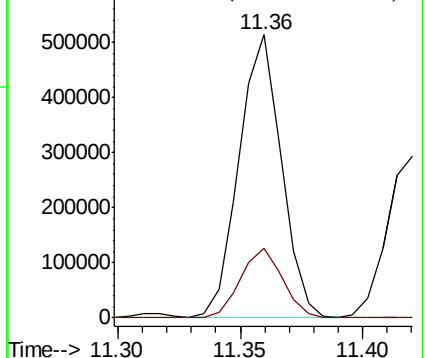
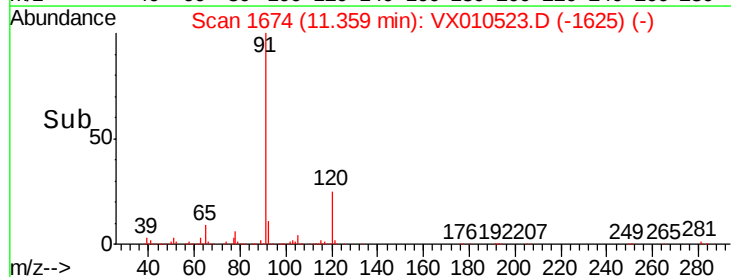
91 100

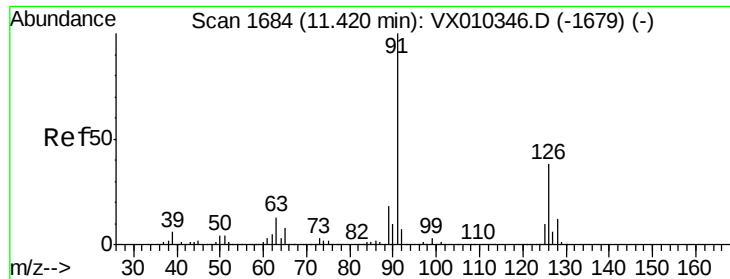
120 24.5 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.879 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

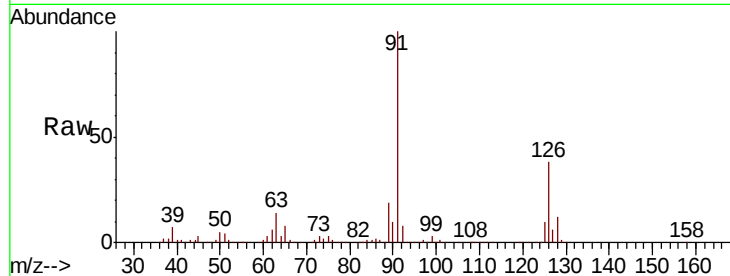
VSTDCCC050EC

Tot Ion: 91 Resp: 364090

Ion Ratio Lower Upper

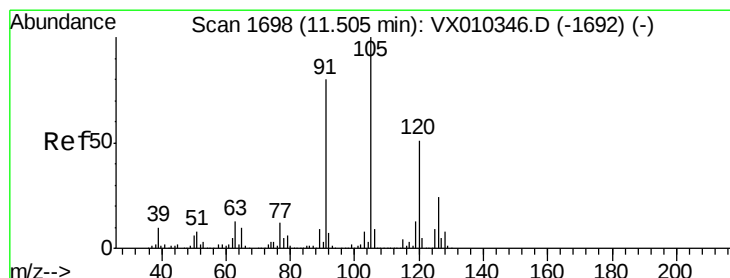
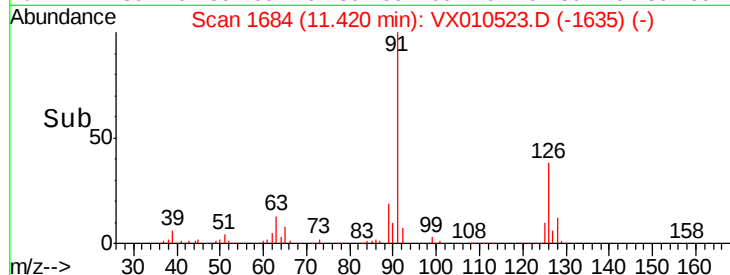
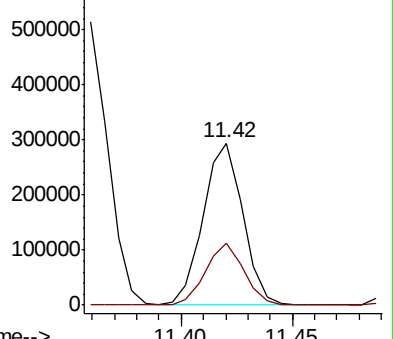
91 100

126 37.2 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.111 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010523.D

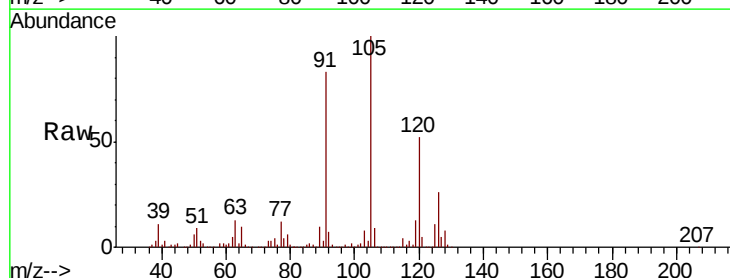
Acq: 28 Jun 2019 06:31

Tgt Ion:105 Resp: 460855

Ion Ratio Lower Upper

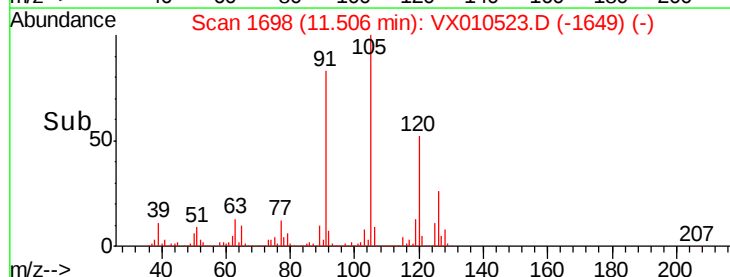
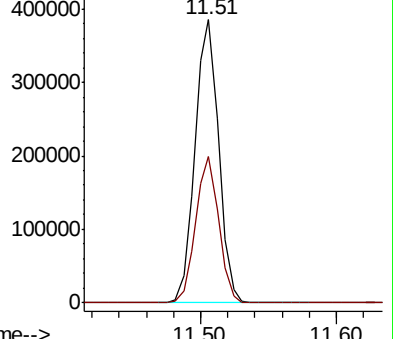
105 100

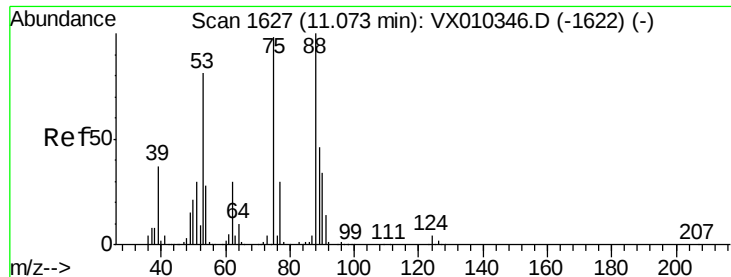
120 50.6 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 37.455 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

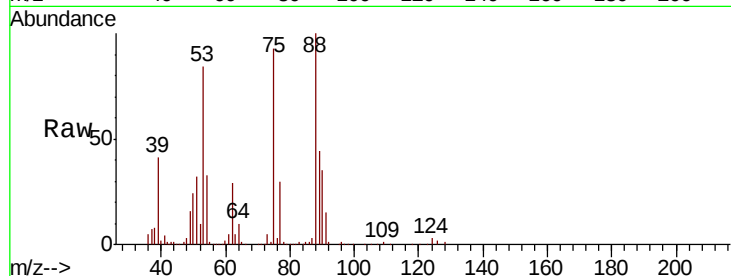
Tot Ion: 75 Resp: 50149

Ion Ratio Lower Upper

75 100

53 91.6 66.1 99.1

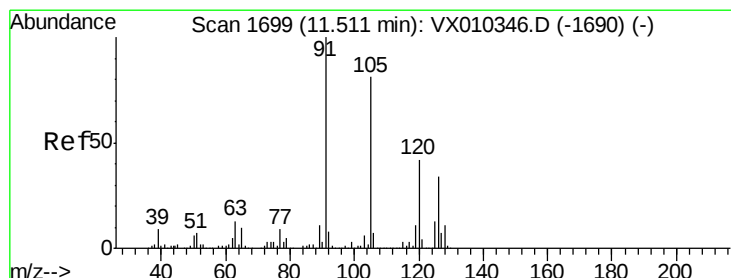
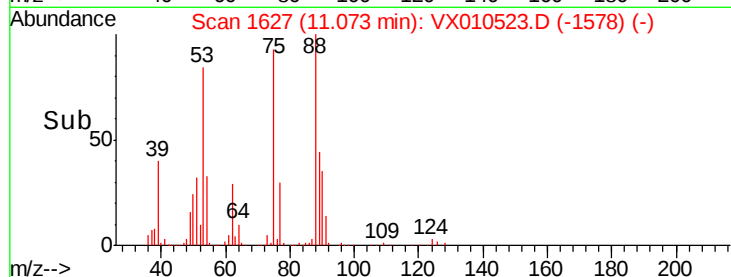
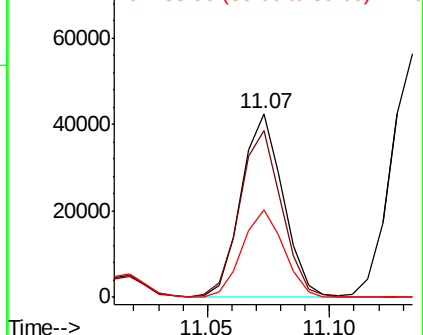
89 47.9 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.995 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010523.D

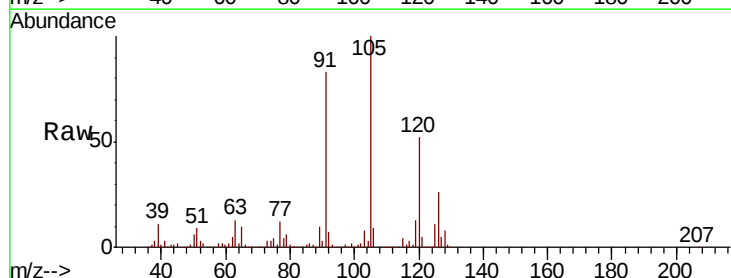
Acq: 28 Jun 2019 06:31

Tgt Ion: 91 Resp: 415307

Ion Ratio Lower Upper

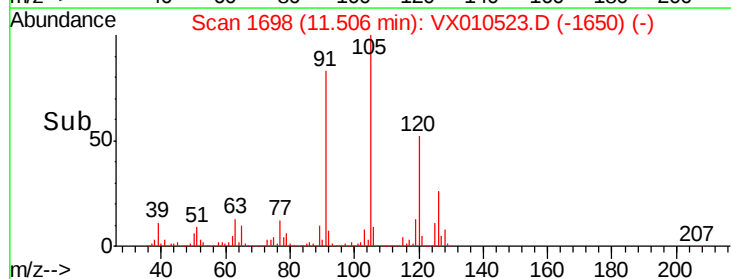
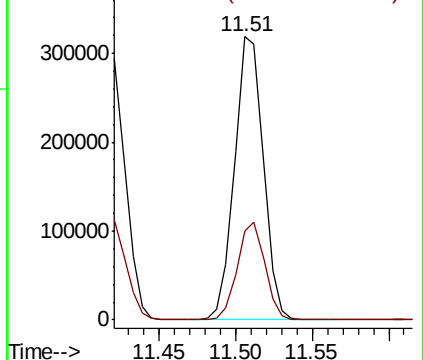
91 100

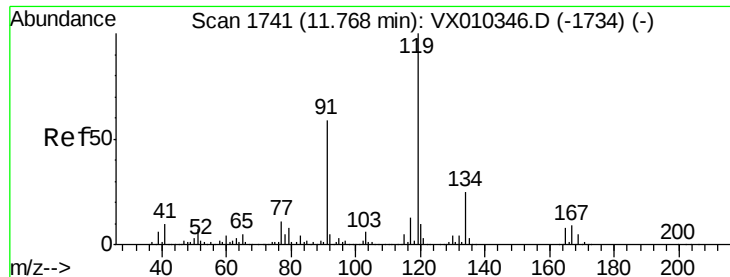
126 33.2 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

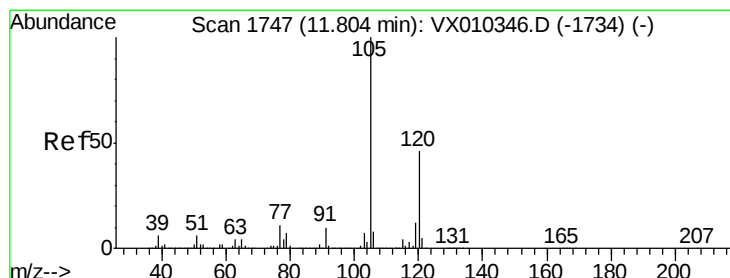
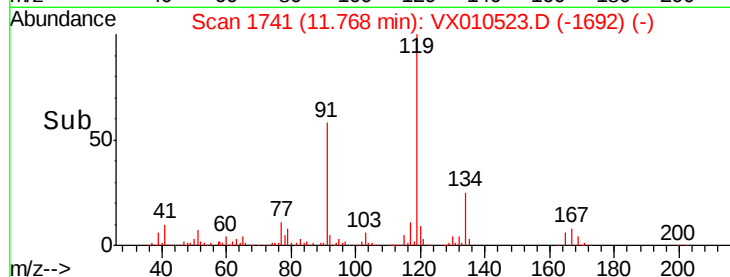
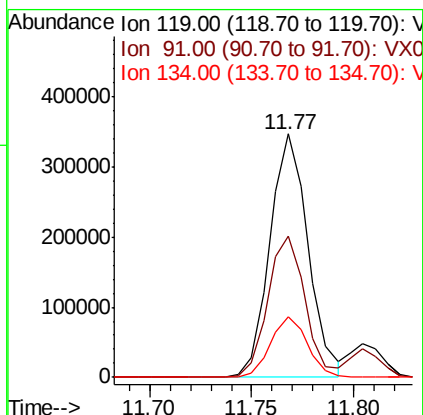
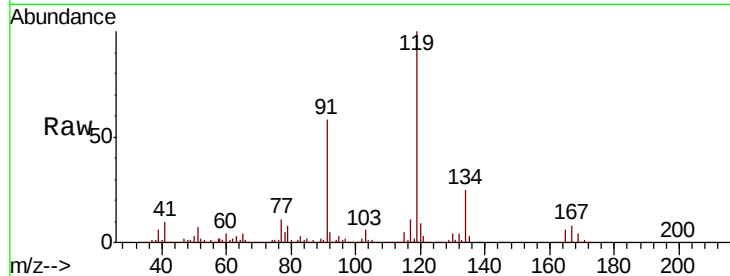




#83
 tert-Butylbenzene
 Concen: 47.099 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010523.D
 Acq: 28 Jun 2019 06:31

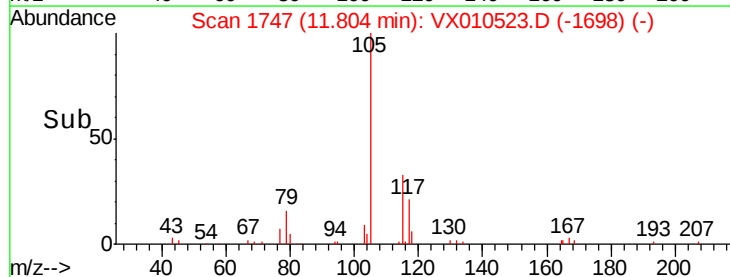
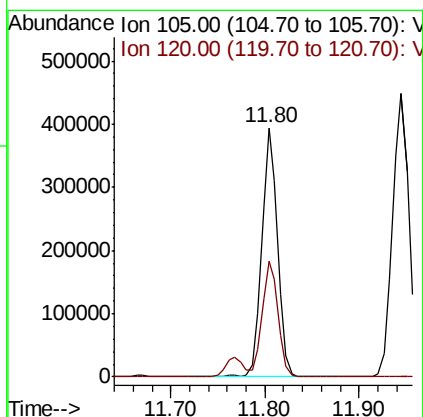
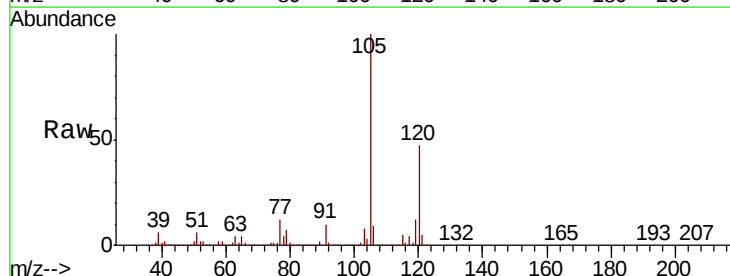
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

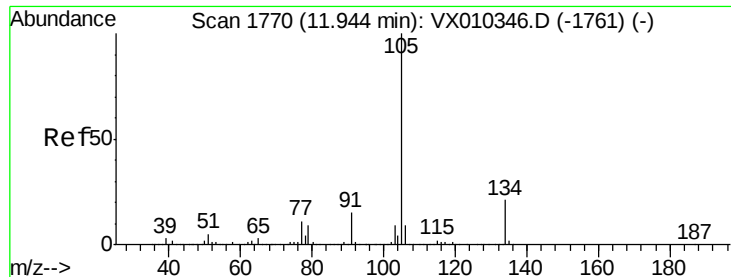
Tot Ion:119 Resp: 452819
 Ion Ratio Lower Upper
 119 100
 91 56.8 27.6 82.7
 134 24.1 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 48.525 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010523.D
 Acq: 28 Jun 2019 06:31

Tgt Ion:105 Resp: 466998
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.1 69.2





#85

sec-Butylbenzene

Concen: 48.063 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

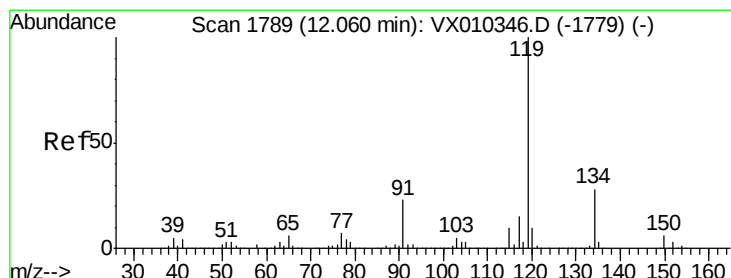
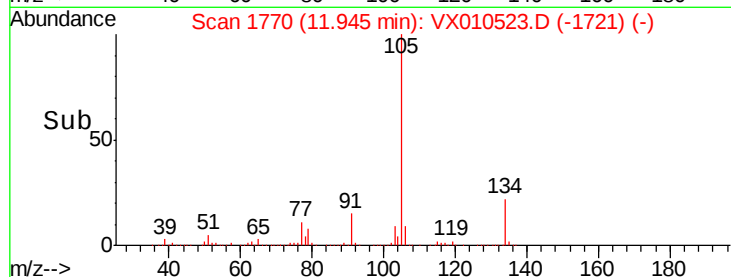
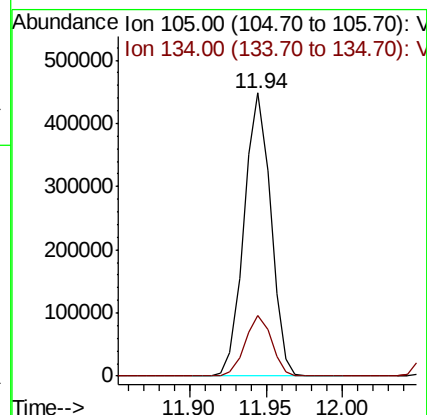
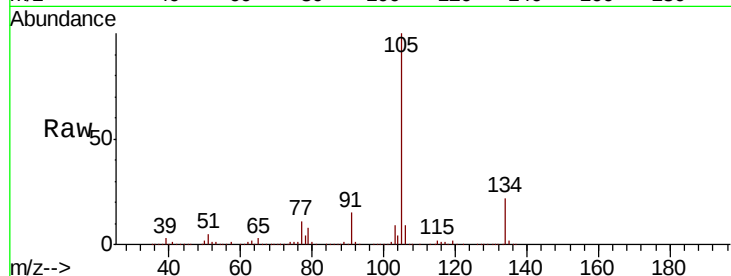
VSTDCCC050EC

Tot Ion:105 Resp: 542552

Ion Ratio Lower Upper

105 100

134 21.4 10.7 31.9



#86

p-Isopropyltoluene

Concen: 47.799 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

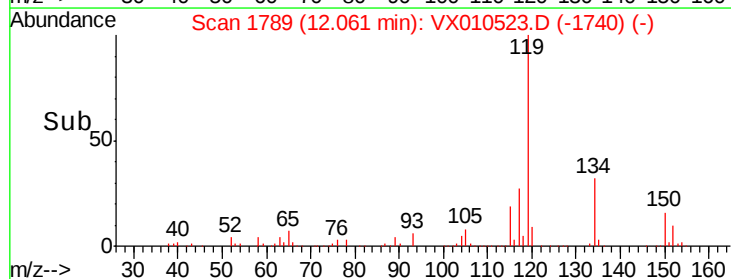
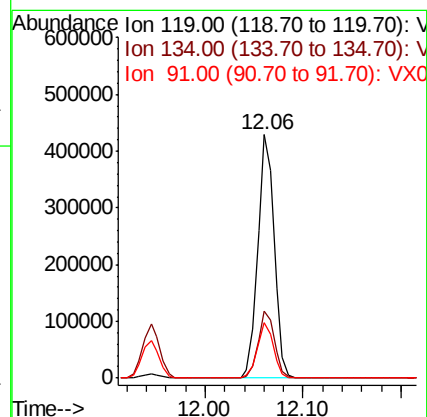
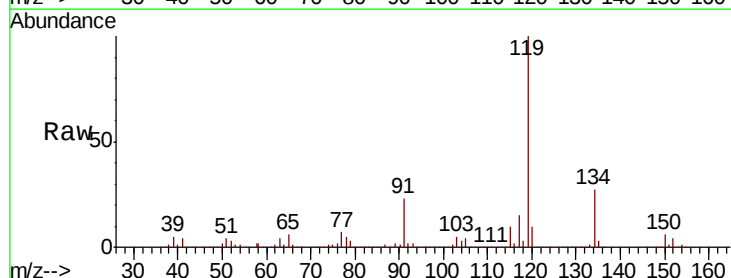
Tgt Ion:119 Resp: 499093

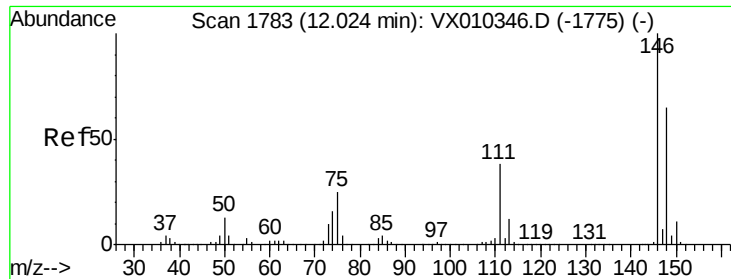
Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.1

91 22.4 11.3 33.8

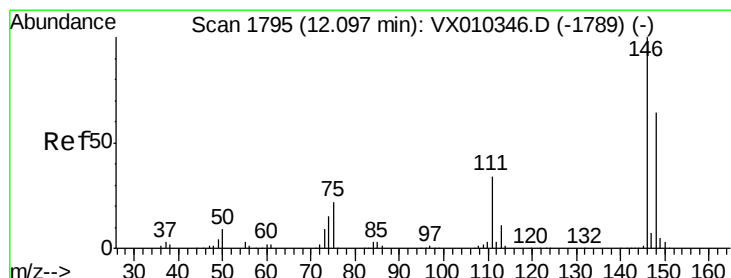
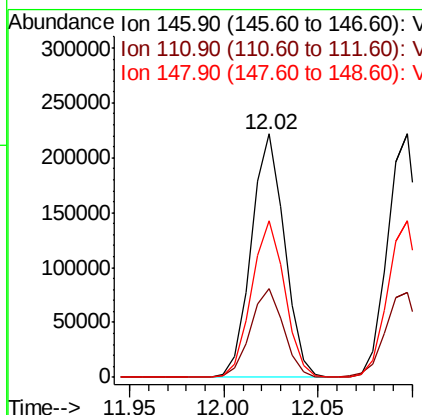
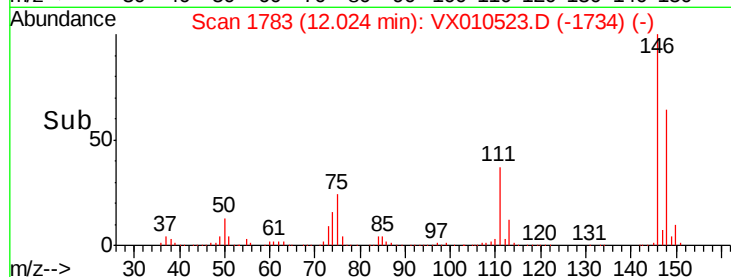
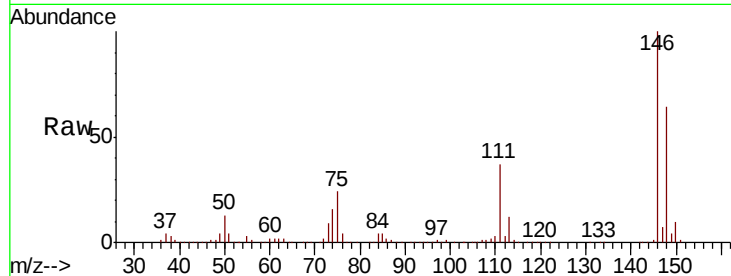




#87
 1,3-Dichlorobenzene
 Concen: 47.781 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010523.D
 Acq: 28 Jun 2019 06:31

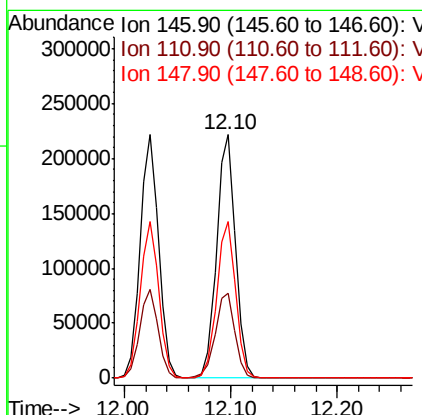
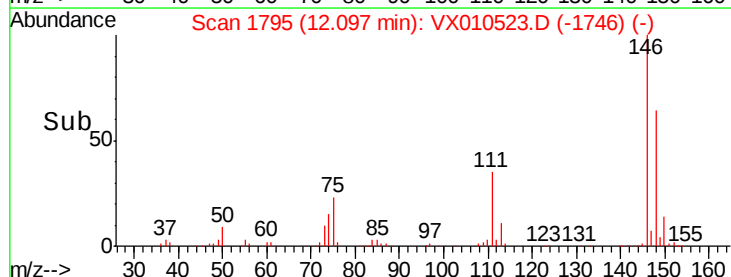
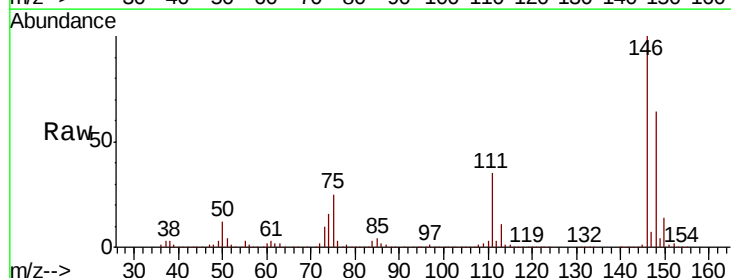
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

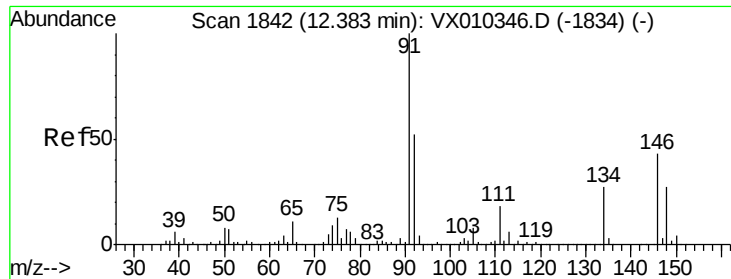
Tot Ion:146 Resp: 270607
 Ion Ratio Lower Upper
 146 100
 111 36.6 19.1 57.1
 148 64.3 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 46.890 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010523.D
 Acq: 28 Jun 2019 06:31

Tgt Ion:146 Resp: 270358
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.1 54.3
 148 64.5 32.1 96.3





#89

n-Butylbenzene

Concen: 46.292 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

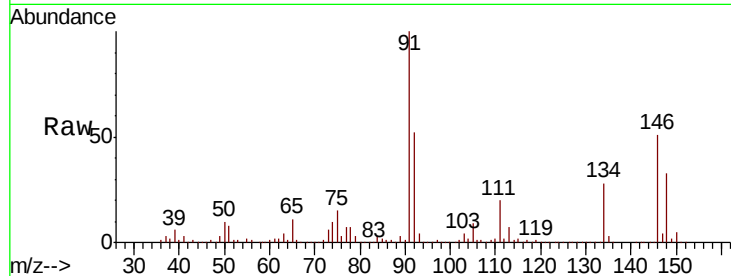
Tot Ion: 91 Resp: 410727

Ion Ratio Lower Upper

91 100

92 53.2 26.2 78.5

134 28.7 14.1 42.4

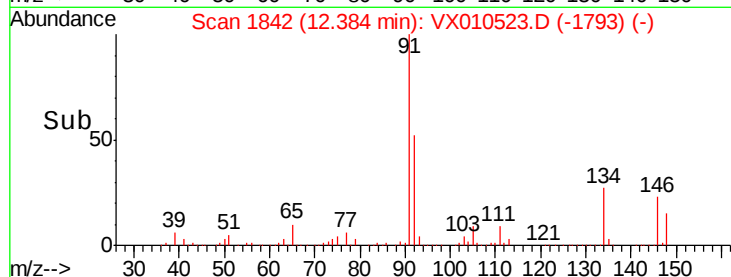


Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX010346.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX010346.D (-1834) (-)

Time-->

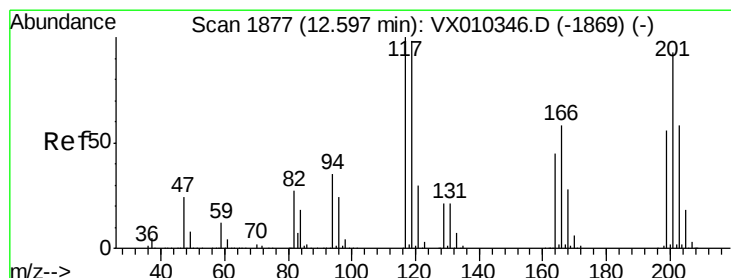


Abundance Ion 91.00 (90.70 to 91.70): VX010523.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX010523.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX010523.D (-1793) (-)

Time-->



#90

Hexachloroethane

Concen: 46.799 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX010523.D

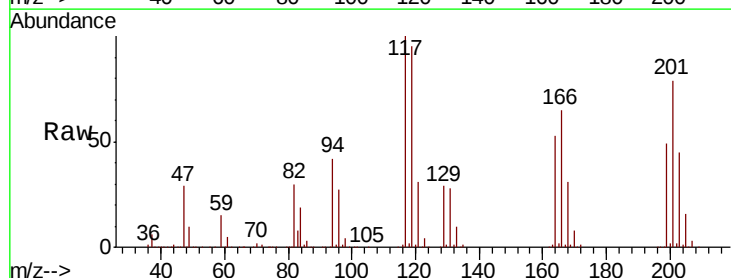
Acq: 28 Jun 2019 06:31

Tgt Ion: 117 Resp: 84493

Ion Ratio Lower Upper

117 100

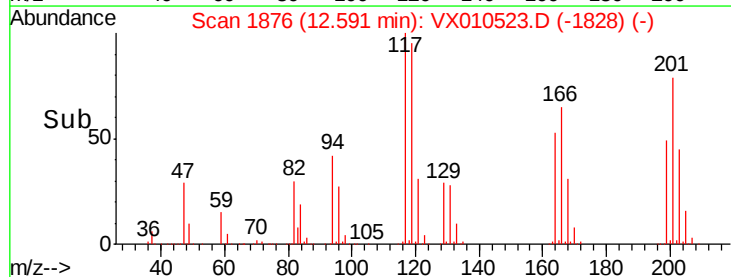
201 89.7 44.0 131.8



Abundance Ion 116.80 (116.50 to 117.50): VX010346.D (-1869) (-)

Ion 200.70 (200.40 to 201.40): VX010346.D (-1869) (-)

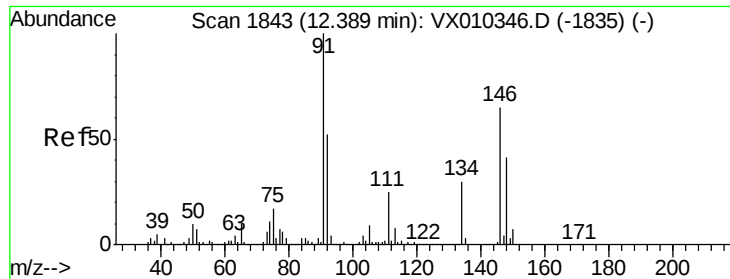
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX010523.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX010523.D (-1828) (-)

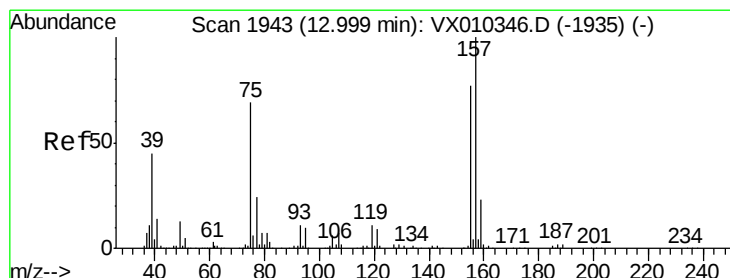
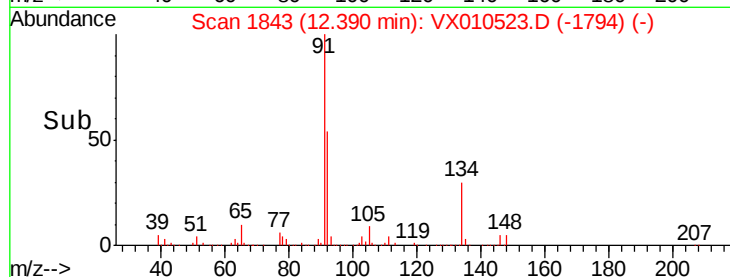
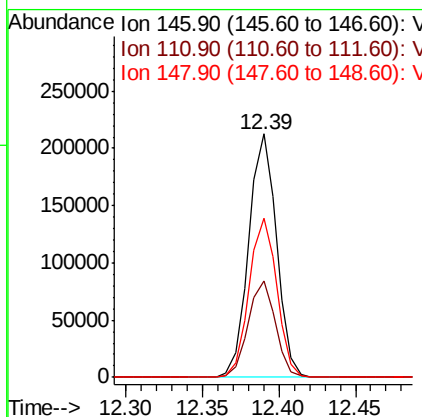
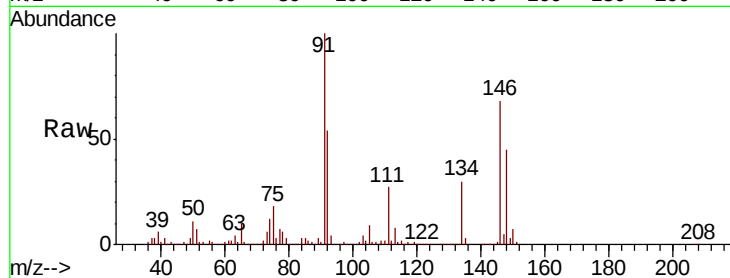
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 47.797 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010523.D
 Acq: 28 Jun 2019 06:31

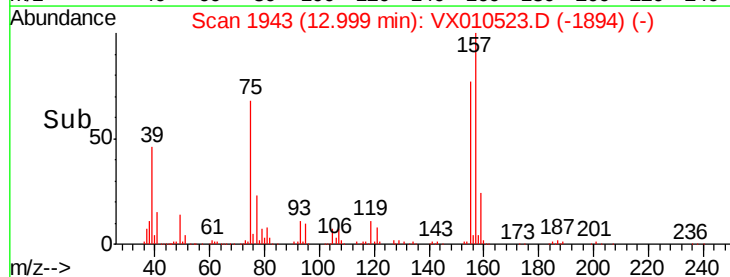
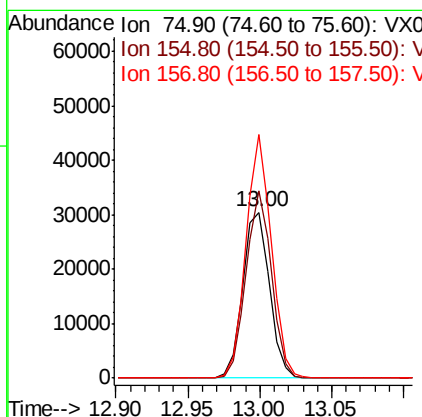
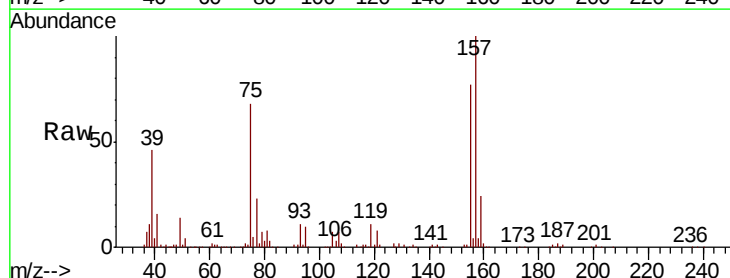
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

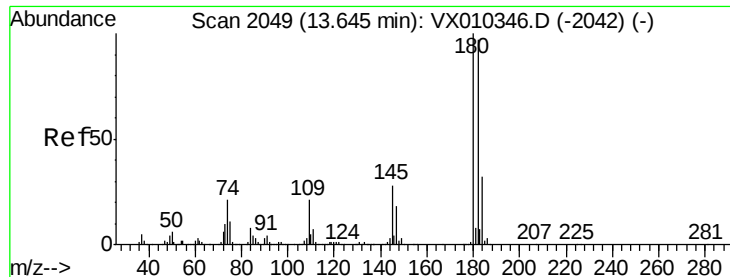
Tot Ion:146 Resp: 269038
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.2 57.6
 148 65.4 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.176 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010523.D
 Acq: 28 Jun 2019 06:31

Tgt Ion: 75 Resp: 39140
 Ion Ratio Lower Upper
 75 100
 155 107.2 54.4 163.1
 157 138.0 69.5 208.3

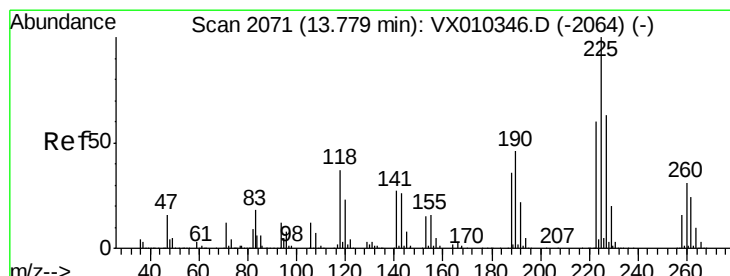
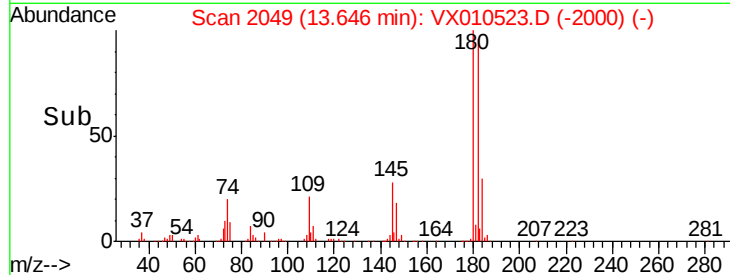
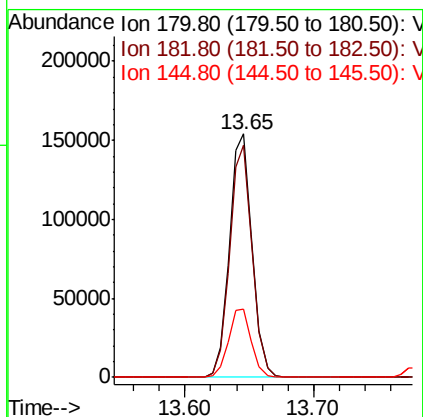
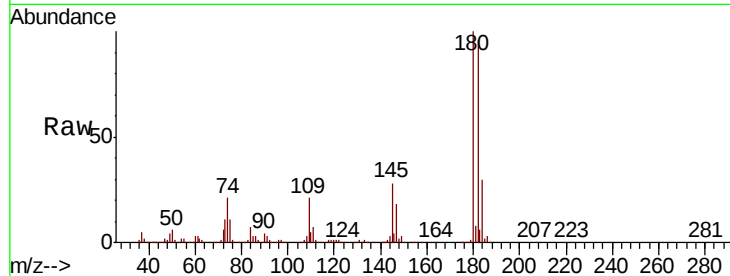




#93
 1,2,4-Trichlorobenzene
 Concen: 48.568 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010523.D
 Acq: 28 Jun 2019 06:31

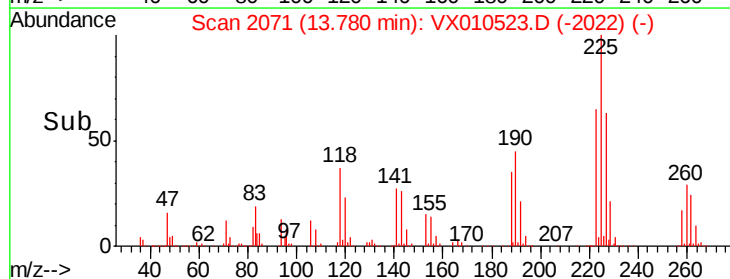
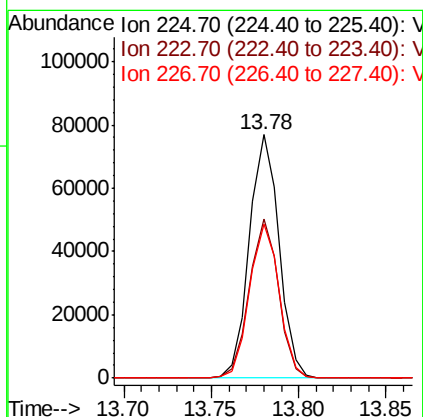
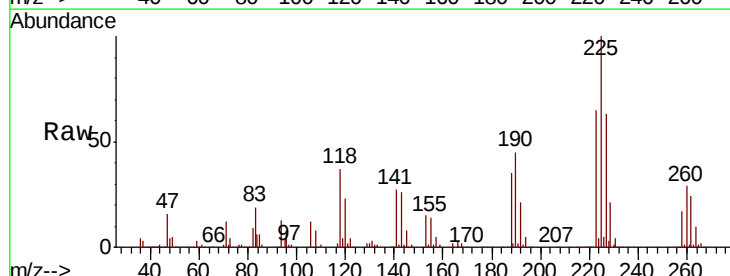
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

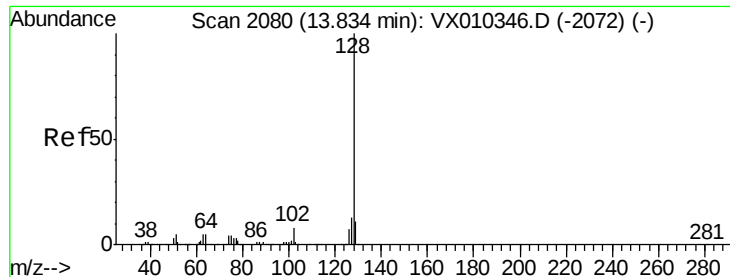
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.0	144.0
145	28.3	14.4	43.4



#94
 Hexachlorobutadiene
 Concen: 47.515 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010523.D
 Acq: 28 Jun 2019 06:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	30.9	92.7
227	63.1	31.9	95.5





#95

Naphthalene

Concen: 50.359 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

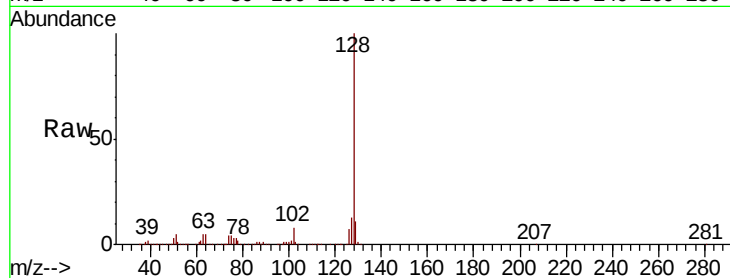
Tot Ion:128 Resp: 604085

Ion Ratio Lower Upper

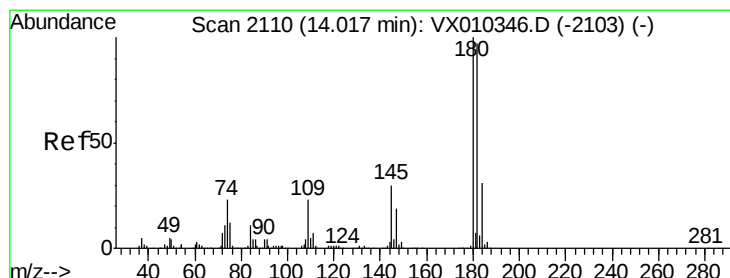
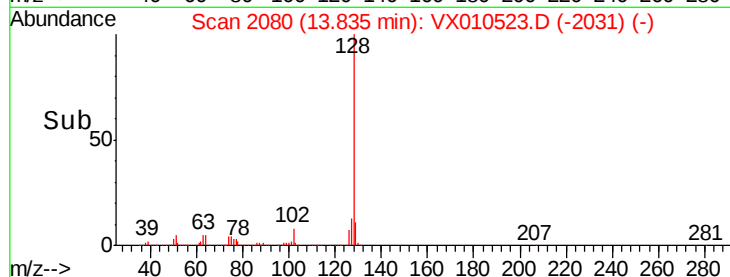
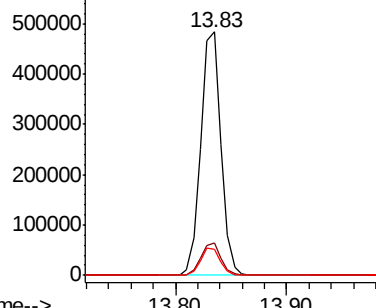
128 100

127 13.0 10.2 15.4

129 11.0 8.9 13.3



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



#96

1,2,3-Trichlorobenzene

Concen: 49.325 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010523.D

Acq: 28 Jun 2019 06:31

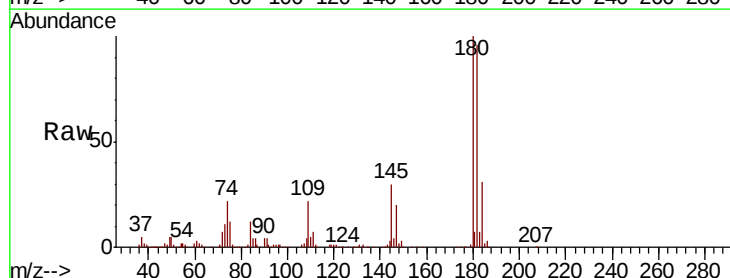
Tgt Ion:180 Resp: 191435

Ion Ratio Lower Upper

180 100

182 97.0 47.8 143.3

145 30.6 15.2 45.6



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

